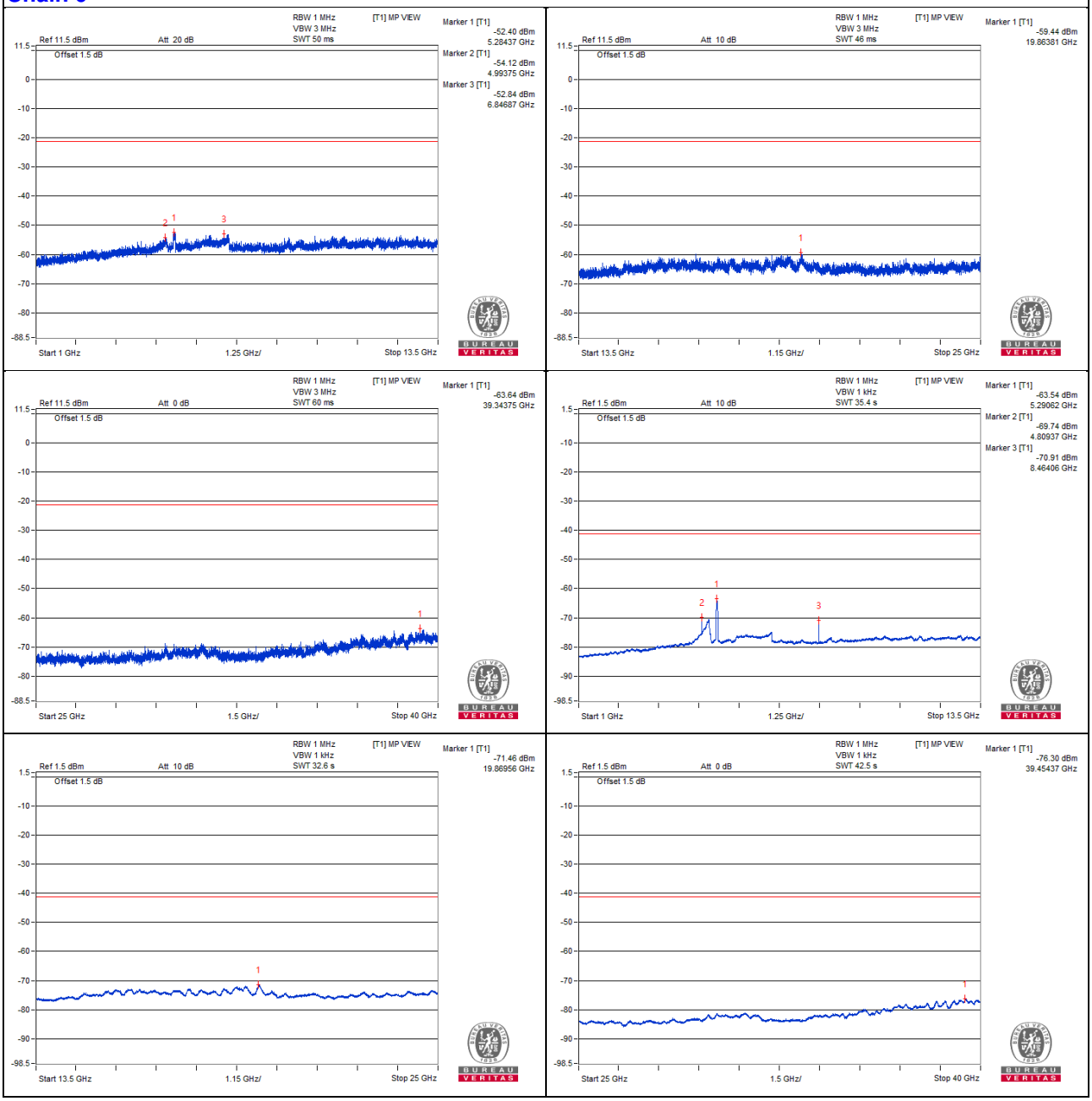
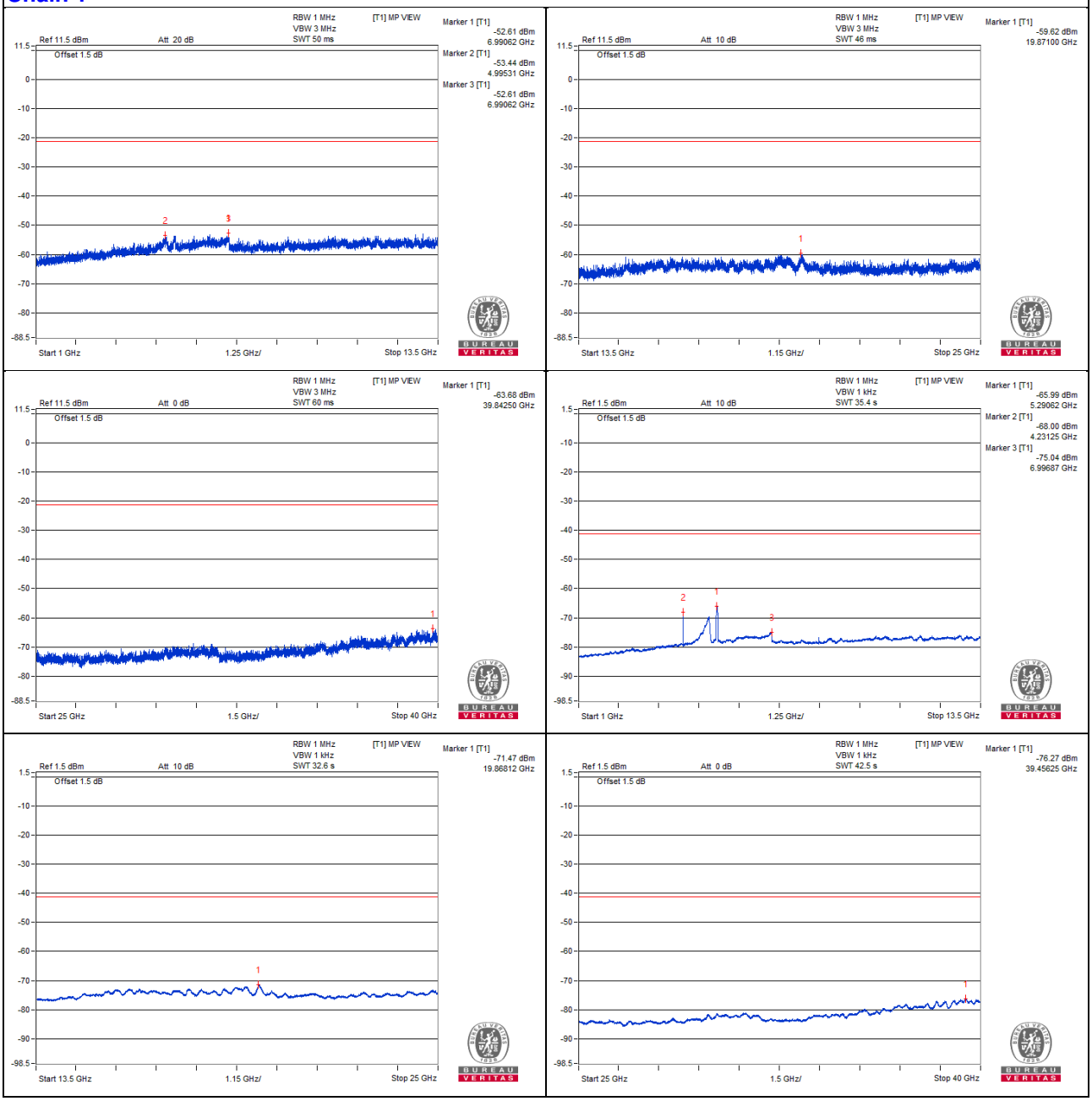
Chain 0


RBW 1 MHz
VBW 3 MHz
SWT 50 ms
[T1] MP VIEW
Ref 11.5 dBm
Att 20 dB
Offset 1.5 dB
Marker 1 [T1]
-52.40 dBm
5.28437 GHz
Marker 2 [T1]
-54.12 dBm
4.99375 GHz
Marker 3 [T1]
-52.84 dBm
6.84687 GHz
Start 1 GHz
1.25 GHz/
Stop 13.5 GHz
RBW 1 MHz
VBW 3 MHz
SWT 46 ms
[T1] MP VIEW
Ref 11.5 dBm
Att 10 dB
Offset 1.5 dB
Marker 1 [T1]
-59.44 dBm
19.86381 GHz
Start 13.5 GHz
1.15 GHz/
Stop 25 GHz
RBW 1 MHz
VBW 3 MHz
SWT 60 ms
[T1] MP VIEW
Ref 11.5 dBm
Att 0 dB
Offset 1.5 dB
Marker 1 [T1]
-63.64 dBm
39.34375 GHz
Start 25 GHz
1.5 GHz/
Stop 40 GHz
RBW 1 MHz
VBW 1 kHz
SWT 35.4 s
[T1] MP VIEW
Ref 1.5 dBm
Att 10 dB
Offset 1.5 dB
Marker 1 [T1]
-63.54 dBm
5.29062 GHz
Marker 2 [T1]
-69.74 dBm
4.80937 GHz
Marker 3 [T1]
-70.91 dBm
8.46406 GHz
Start 1 GHz
1.25 GHz/
Stop 13.5 GHz
RBW 1 MHz
VBW 1 kHz
SWT 32.6 s
[T1] MP VIEW
Ref 1.5 dBm
Att 10 dB
Offset 1.5 dB
Marker 1 [T1]
-71.46 dBm
19.86956 GHz
Start 13.5 GHz
1.15 GHz/
Stop 25 GHz
RBW 1 MHz
VBW 1 kHz
SWT 42.5 s
[T1] MP VIEW
Ref 1.5 dBm
Att 0 dB
Offset 1.5 dB
Marker 1 [T1]
-76.30 dBm
39.45437 GHz
Start 25 GHz
1.5 GHz/
Stop 40 GHz

Chain 1


RBW 1 MHz
VBW 3 MHz
SWT 50 ms
[T1] MP VIEW
Marker 1 [T1]
-52.61 dBm
6.99062 GHz
Marker 2 [T1]
-53.44 dBm
4.99531 GHz
Marker 3 [T1]
-52.61 dBm
6.99062 GHz
Ref 11.5 dBm
Att 20 dB
Offset 1.5 dB
Start 1 GHz
1.25 GHz/
Stop 13.5 GHz
RBW 1 MHz
VBW 3 MHz
SWT 46 ms
[T1] MP VIEW
Marker 1 [T1]
-59.62 dBm
19.87100 GHz
Ref 11.5 dBm
Att 10 dB
Offset 1.5 dB
Start 13.5 GHz
1.15 GHz/
Stop 25 GHz
RBW 1 MHz
VBW 3 MHz
SWT 60 ms
[T1] MP VIEW
Marker 1 [T1]
-63.68 dBm
39.84250 GHz
Ref 11.5 dBm
Att 0 dB
Offset 1.5 dB
Start 25 GHz
1.5 GHz/
Stop 40 GHz
RBW 1 MHz
VBW 1 kHz
SWT 35.4 s
[T1] MP VIEW
Marker 1 [T1]
-65.99 dBm
5.29062 GHz
Marker 2 [T1]
-68.00 dBm
4.23125 GHz
Marker 3 [T1]
-75.04 dBm
6.99687 GHz
Ref 1.5 dBm
Att 10 dB
Offset 1.5 dB
Start 1 GHz
1.25 GHz/
Stop 13.5 GHz
RBW 1 MHz
VBW 1 kHz
SWT 32.6 s
[T1] MP VIEW
Marker 1 [T1]
-71.47 dBm
19.86812 GHz
Ref 1.5 dBm
Att 10 dB
Offset 1.5 dB
Start 13.5 GHz
1.15 GHz/
Stop 25 GHz
RBW 1 MHz
VBW 1 kHz
SWT 42.5 s
[T1] MP VIEW
Marker 1 [T1]
-76.27 dBm
39.45625 GHz
Ref 1.5 dBm
Att 0 dB
Offset 1.5 dB
Start 25 GHz
1.5 GHz/
Stop 40 GHz

Bandedge table

Chain 0

No.	Frequency (MHz)	Emission Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Raw Value (dBm)	Correction Factor (dB)	EIRP Level (dBm)
1	5293.62 PK	103.46	*		-0.78	8.98	8.2
2	5350 PK	61.26	74	-12.74	-42.98	8.98	-34
3	5350.37 PK	62.8	74	-11.2	-41.44	8.98	-32.46
4	5291.82 AV	91.93	*		-12.31	8.98	-3.33
5	5350 AV	49.69	54	-4.31	-54.55	8.98	-45.57
6	5350.2 AV	49.7	54	-4.3	-54.54	8.98	-45.56

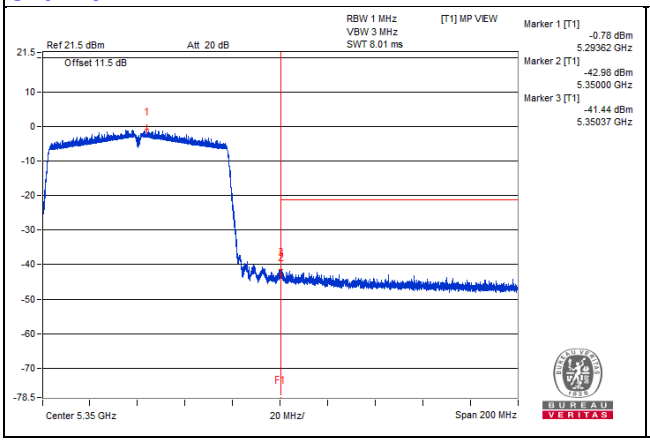
Note :
1. Emission Level (dBuV/m) = EIRP Level (dBm) – 20log(d) + 104.8
   d = measurement distance in 3 meters.
2. Correction Factor(dB) = Antenna Gain (dBi) + 10 log (2 of TX antenna elements)
3. * : Fundamental frequency, the limit was restricted at the output power.

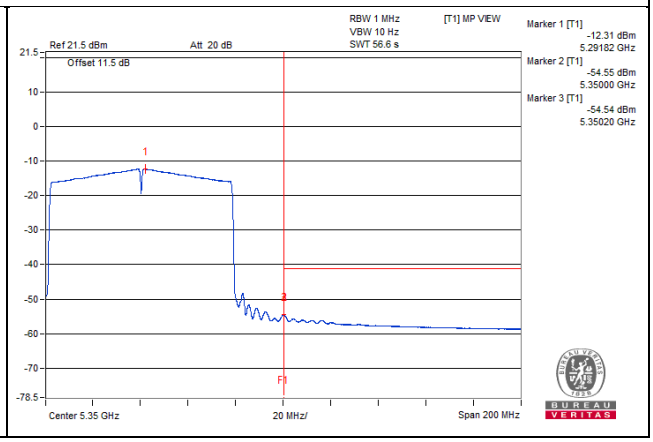
Chain 1

No.	Frequency (MHz)	Emission Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Raw Value (dBm)	Correction Factor (dB)	EIRP Level (dBm)
1	5286.25 PK	102.29	*		-1.38	8.41	7.03
2	5350 PK	60.48	74	-13.52	-43.19	8.41	-34.78
3	5350.27 PK	61.74	74	-12.26	-41.93	8.41	-33.52
4	5291.85 AV	90.51	*		-13.16	8.41	-4.75
5	5350 AV	48.6	54	-5.4	-55.07	8.41	-46.66
6	5350.05 AV	48.6	54	-5.4	-55.07	8.41	-46.66

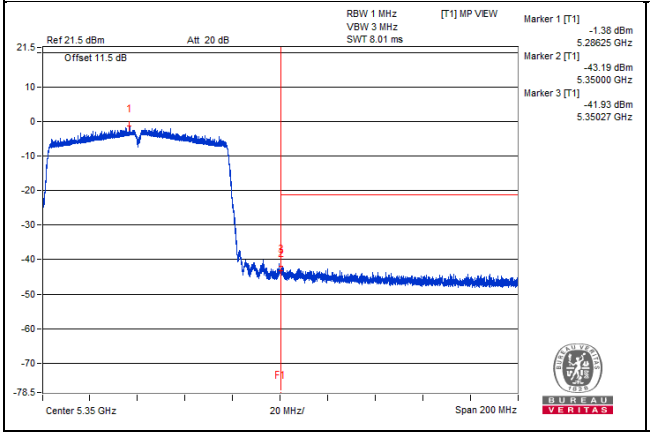
Note :
1. Emission Level (dBuV/m) = EIRP Level (dBm) – 20log(d) + 104.8
   d = measurement distance in 3 meters.
2. Correction Factor(dB) = Antenna Gain (dBi) + 10 log (2 of TX antenna elements)
3. * : Fundamental frequency, the limit was restricted at the output power.

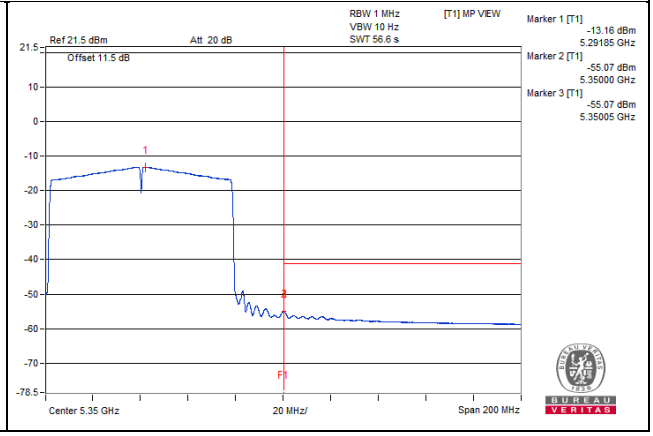
Chain 0





Chain 1





802.11ac (VHT80) - Channel 106

Conducted spurious emission table

Chain 0

No.	Frequency (MHz)	Emission Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Raw Value (dBm)	Correction Factor (dB)	EIRP Level (dBm)
1	13251.56 PK	51.96	74	-22.04	-52.61	9.31	-43.3
2	5035.93 PK	49.92	74	-24.08	-54.65	9.31	-45.34
3	13251.56 PK	51.96	74	-22.04	-52.61	9.31	-43.3
4	19899.75 PK	45.55	74	-28.45	-59.02	9.31	-49.71
5	39476.87 PK	40.63	74	-33.37	-63.94	9.31	-54.63
6	5556.25 AV	37.92	*		-66.65	9.31	-57.34
7	5050 AV	34.2	54	-19.8	-70.37	9.31	-61.06
8	6009.37 AV	35.88	#		-68.69	9.31	-59.38
9	19886.81 AV	33.04	54	-20.96	-71.53	9.31	-62.22
10	39484.37 AV	28.33	54	-25.67	-76.24	9.31	-66.93

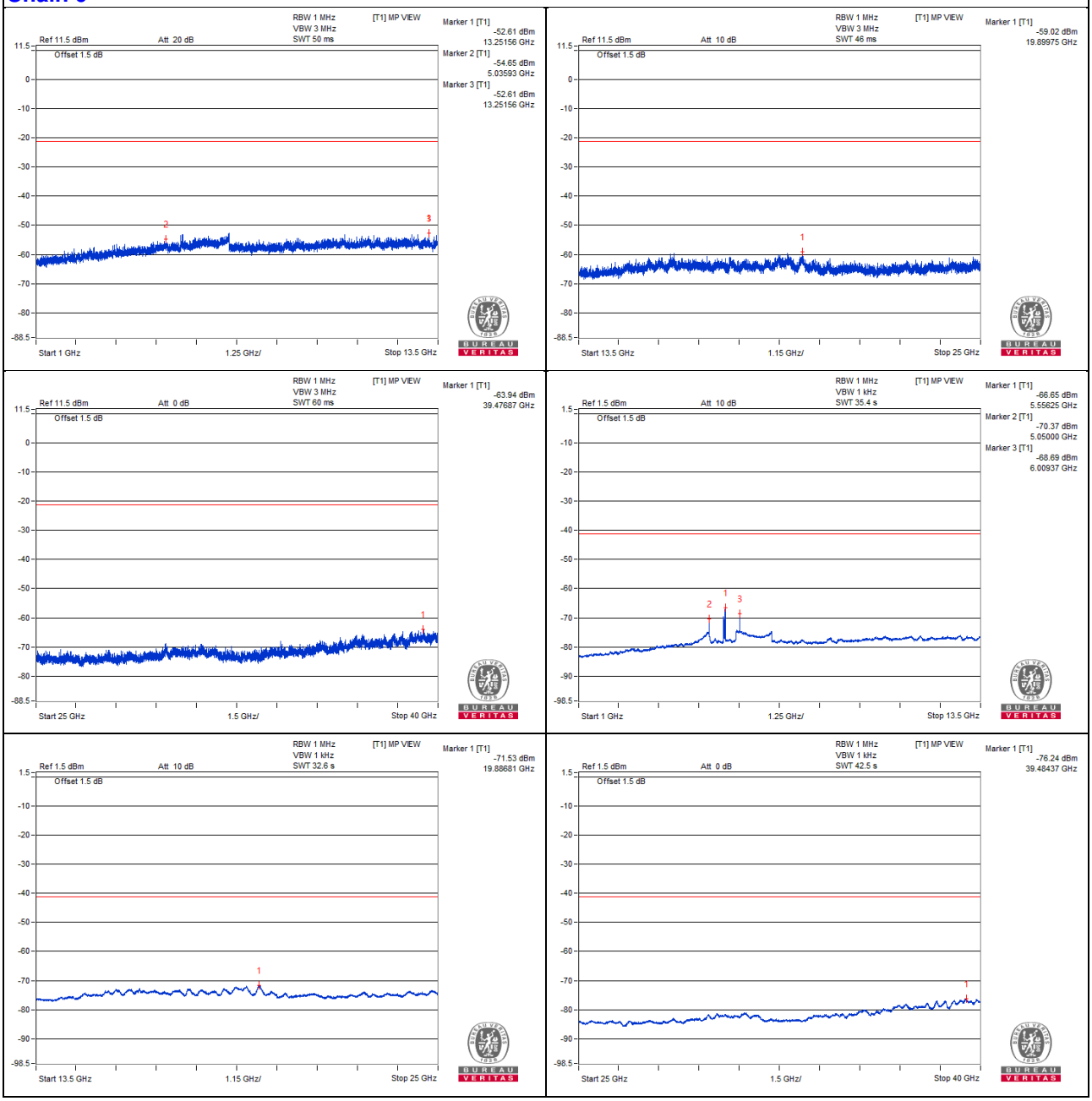
Note :
1. Emission Level (dBuV/m) = EIRP Level (dBm) – 20log(d) + 104.8
   d = measurement distance in 3 meters.
2. Correction Factor(dB) = Antenna Gain (dBi) + 10 log (2 of TX antenna elements)
3. * : Fundamental frequency, the limit was restricted at the output power.
4. # : Non-restricted frequency, no limit for average emission.

Chain 1

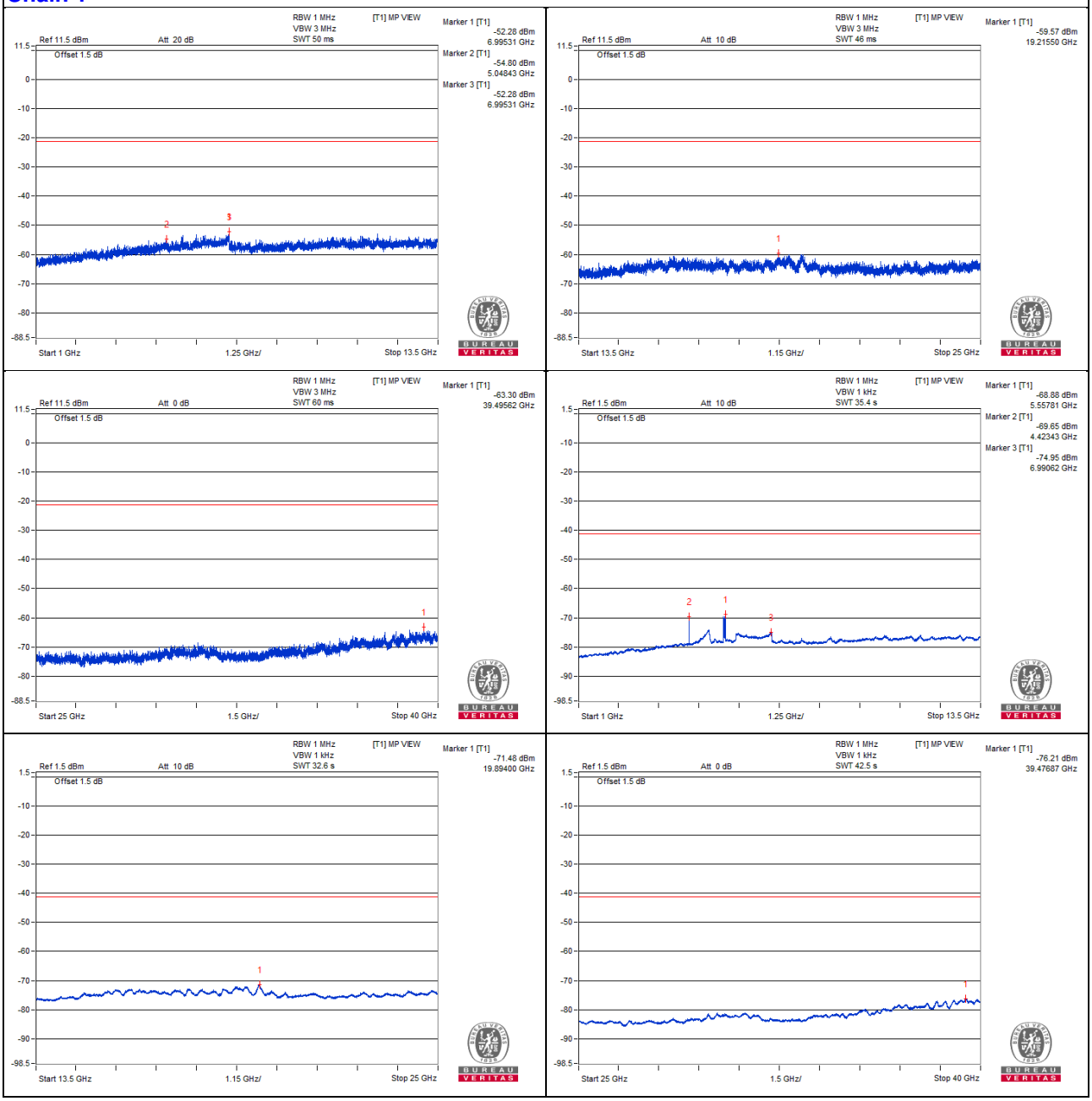
No.	Frequency (MHz)	Emission Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Raw Value (dBm)	Correction Factor (dB)	EIRP Level (dBm)
1	6995.31 PK	53.21	68.2	-14.99	-52.28	10.23	-42.05
2	5048.43 PK	50.69	74	-23.31	-54.8	10.23	-44.57
3	6995.31 PK	53.21	68.2	-14.99	-52.28	10.23	-42.05
4	19215.5 PK	45.92	74	-28.08	-59.57	10.23	-49.34
5	39495.62 PK	42.19	74	-31.81	-63.3	10.23	-53.07
6	5557.81 AV	36.61	*		-68.88	10.23	-58.65
7	4423.43 AV	35.84	#		-69.65	10.23	-59.42
8	6990.62 AV	30.54	#		-74.95	10.23	-64.72
9	19894 AV	34.01	54	-19.99	-71.48	10.23	-61.25
10	39476.87 AV	29.28	54	-24.72	-76.21	10.23	-65.98

Note :
1. Emission Level (dBuV/m) = EIRP Level (dBm) – 20log(d) + 104.8
   d = measurement distance in 3 meters.
2. Correction Factor(dB) = Antenna Gain (dBi) + 10 log (2 of TX antenna elements)
3. * : Fundamental frequency, the limit was restricted at the output power.
4. # : Non-restricted frequency, no limit for average emission.

Chain 0


RBW 1 MHz
VBW 3 MHz
SWT 50 ms
[T1] MP VIEW
Ref 11.5 dBm
Att 20 dB
Offset 1.5 dB
Marker 1 [T1]
-52.61 dBm
13.25156 GHz
Marker 2 [T1]
-54.65 dBm
5.03593 GHz
Marker 3 [T1]
-52.61 dBm
13.25156 GHz
Start 1 GHz
1.25 GHz/
Stop 13.5 GHz
RBW 1 MHz
VBW 3 MHz
SWT 46 ms
[T1] MP VIEW
Ref 11.5 dBm
Att 10 dB
Offset 1.5 dB
Marker 1 [T1]
-59.02 dBm
19.89975 GHz
Start 13.5 GHz
1.15 GHz/
Stop 25 GHz
RBW 1 MHz
VBW 3 MHz
SWT 60 ms
[T1] MP VIEW
Ref 11.5 dBm
Att 0 dB
Offset 1.5 dB
Marker 1 [T1]
-63.94 dBm
39.47687 GHz
Start 25 GHz
1.5 GHz/
Stop 40 GHz
RBW 1 MHz
VBW 1 kHz
SWT 35.4 s
[T1] MP VIEW
Ref 1.5 dBm
Att 10 dB
Offset 1.5 dB
Marker 1 [T1]
-66.65 dBm
5.55625 GHz
Marker 2 [T1]
-70.37 dBm
5.05000 GHz
Marker 3 [T1]
-68.69 dBm
6.00937 GHz
Start 1 GHz
1.25 GHz/
Stop 13.5 GHz
RBW 1 MHz
VBW 1 kHz
SWT 32.6 s
[T1] MP VIEW
Ref 1.5 dBm
Att 10 dB
Offset 1.5 dB
Marker 1 [T1]
-71.53 dBm
19.88681 GHz
Start 13.5 GHz
1.15 GHz/
Stop 25 GHz
RBW 1 MHz
VBW 1 kHz
SWT 42.5 s
[T1] MP VIEW
Ref 1.5 dBm
Att 0 dB
Offset 1.5 dB
Marker 1 [T1]
-76.24 dBm
39.48437 GHz
Start 25 GHz
1.5 GHz/
Stop 40 GHz

Chain 1


RBW 1 MHz
VBW 3 MHz
SWT 50 ms
[T1] MP VIEW
Ref 11.5 dBm
Att 20 dB
Offset 1.5 dB
Marker 1 [T1]
-52.28 dBm
6.99531 GHz
Marker 2 [T1]
-54.80 dBm
5.04843 GHz
Marker 3 [T1]
-52.28 dBm
6.99531 GHz
Start 1 GHz
1.25 GHz/
Stop 13.5 GHz
RBW 1 MHz
VBW 3 MHz
SWT 46 ms
[T1] MP VIEW
Ref 11.5 dBm
Att 10 dB
Offset 1.5 dB
Marker 1 [T1]
-59.57 dBm
19.21550 GHz
Start 13.5 GHz
1.15 GHz/
Stop 25 GHz
RBW 1 MHz
VBW 3 MHz
SWT 60 ms
[T1] MP VIEW
Ref 11.5 dBm
Att 0 dB
Offset 1.5 dB
Marker 1 [T1]
-63.30 dBm
39.49562 GHz
Start 25 GHz
1.5 GHz/
Stop 40 GHz
RBW 1 MHz
VBW 1 kHz
SWT 35.4 s
[T1] MP VIEW
Ref 1.5 dBm
Att 10 dB
Offset 1.5 dB
Marker 1 [T1]
-68.88 dBm
5.55781 GHz
Marker 2 [T1]
-69.65 dBm
4.42343 GHz
Marker 3 [T1]
-74.95 dBm
6.99062 GHz
Start 1 GHz
1.25 GHz/
Stop 13.5 GHz
RBW 1 MHz
VBW 1 kHz
SWT 32.6 s
[T1] MP VIEW
Ref 1.5 dBm
Att 10 dB
Offset 1.5 dB
Marker 1 [T1]
-71.48 dBm
19.89400 GHz
Start 13.5 GHz
1.15 GHz/
Stop 25 GHz
RBW 1 MHz
VBW 1 kHz
SWT 42.5 s
[T1] MP VIEW
Ref 1.5 dBm
Att 0 dB
Offset 1.5 dB
Marker 1 [T1]
-76.21 dBm
39.47687 GHz
Start 25 GHz
1.5 GHz/
Stop 40 GHz

Bandedge table

Chain 0

No.	Frequency (MHz)	Emission Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Raw Value (dBm)	Correction Factor (dB)	EIRP Level (dBm)
1	5526.65 PK	103.96	*		-0.24	8.94	8.7
2	5470 PK	61.15	68.2	-7.05	-43.05	8.94	-34.11
3	5466.37 PK	63.48	68.2	-4.72	-40.72	8.94	-31.78
4	5528.31 AV	92.47	*		-11.73	8.94	-2.79
5	5470 AV	49.82	#		-54.38	8.94	-45.44
6	5469.84 AV	49.91	#		-54.29	8.94	-45.35

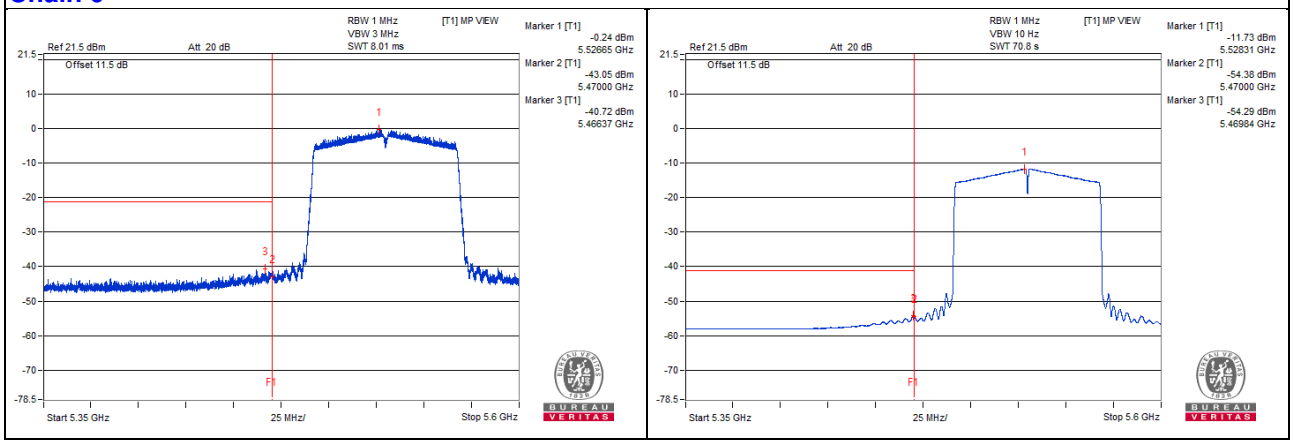
Note :
1. Emission Level (dBuV/m) = EIRP Level (dBm) – 20log(d) + 104.8
   d = measurement distance in 3 meters.
2. Correction Factor(dB) = Antenna Gain (dBi) + 10 log (2 of TX antenna elements)
3. * : Fundamental frequency, the limit was restricted at the output power.
4. # : Non-restricted frequency, no limit for average emission.

Chain 1

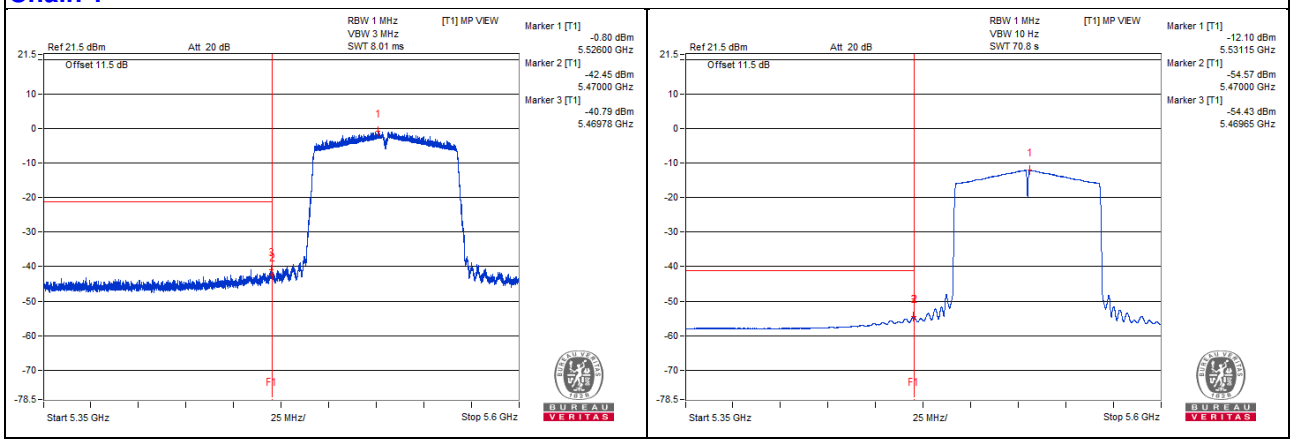
No.	Frequency (MHz)	Emission Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Raw Value (dBm)	Correction Factor (dB)	EIRP Level (dBm)
1	5526 PK	104.69	*		-0.8	10.23	9.43
2	5470 PK	63.04	68.2	-5.16	-42.45	10.23	-32.22
3	5469.78 PK	64.7	68.2	-3.5	-40.79	10.23	-30.56
4	5531.15 AV	93.39	*		-12.1	10.23	-1.87
5	5470 AV	50.92	#		-54.57	10.23	-44.34
6	5469.65 AV	51.06	#		-54.43	10.23	-44.2

Note :
1. Emission Level (dBuV/m) = EIRP Level (dBm) – 20log(d) + 104.8
   d = measurement distance in 3 meters.
2. Correction Factor(dB) = Antenna Gain (dBi) + 10 log (2 of TX antenna elements)
3. * : Fundamental frequency, the limit was restricted at the output power.
4. # : Non-restricted frequency, no limit for average emission.

Chain 0



Chain 1



802.11ac (VHT80) - Channel 122

Conducted spurious emission table

Chain 0

No.	Frequency (MHz)	Emission Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Raw Value (dBm)	Correction Factor (dB)	EIRP Level (dBm)
1	5645.31 PK	54.94	*		-49.63	9.31	-40.32
2	5023.43 PK	50.87	74	-23.13	-53.7	9.31	-44.39
3	6164.06 PK	51.3	68.2	-16.9	-53.27	9.31	-43.96
4	19513.06 PK	45.03	74	-28.97	-59.54	9.31	-50.23
5	39004.37 PK	40.66	74	-33.34	-63.91	9.31	-54.6
6	5646.87 AV	43.95	*		-60.62	9.31	-51.31
7	2409.37 AV	30.83	#		-73.74	9.31	-64.43
8	6089.06 AV	42.17	#		-62.4	9.31	-53.09
9	19901.18 AV	33.03	54	-20.97	-71.54	9.31	-62.23
10	39497.5 AV	28.41	54	-25.59	-76.16	9.31	-66.85

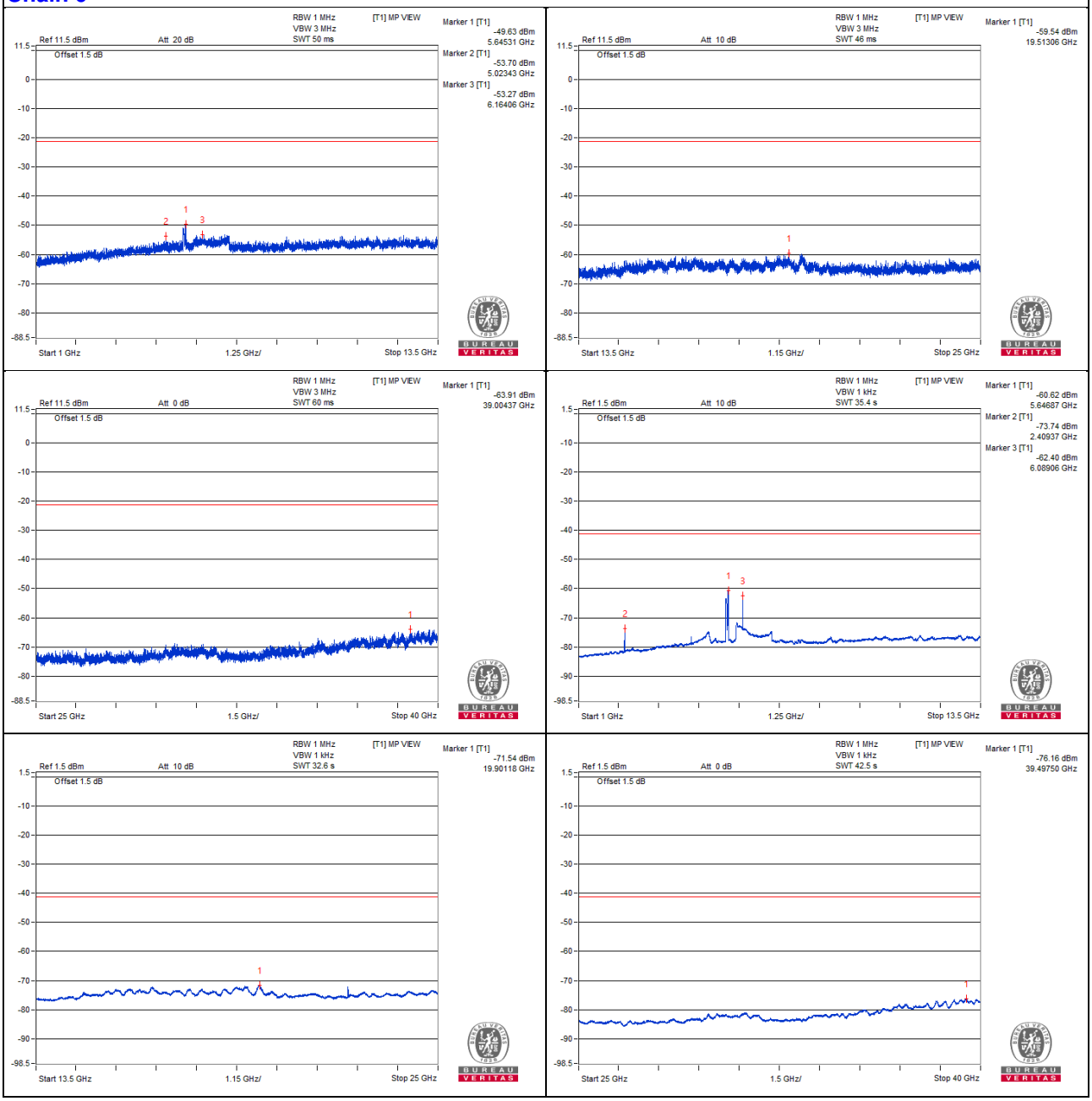
Note :
1. Emission Level (dBuV/m) = EIRP Level (dBm) – 20log(d) + 104.8
   d = measurement distance in 3 meters.
2. Correction Factor(dB) = Antenna Gain (dBi) + 10 log (2 of TX antenna elements)
3. * : Fundamental frequency, the limit was restricted at the output power.
4. # : Non-restricted frequency, no limit for average emission.

Chain 1

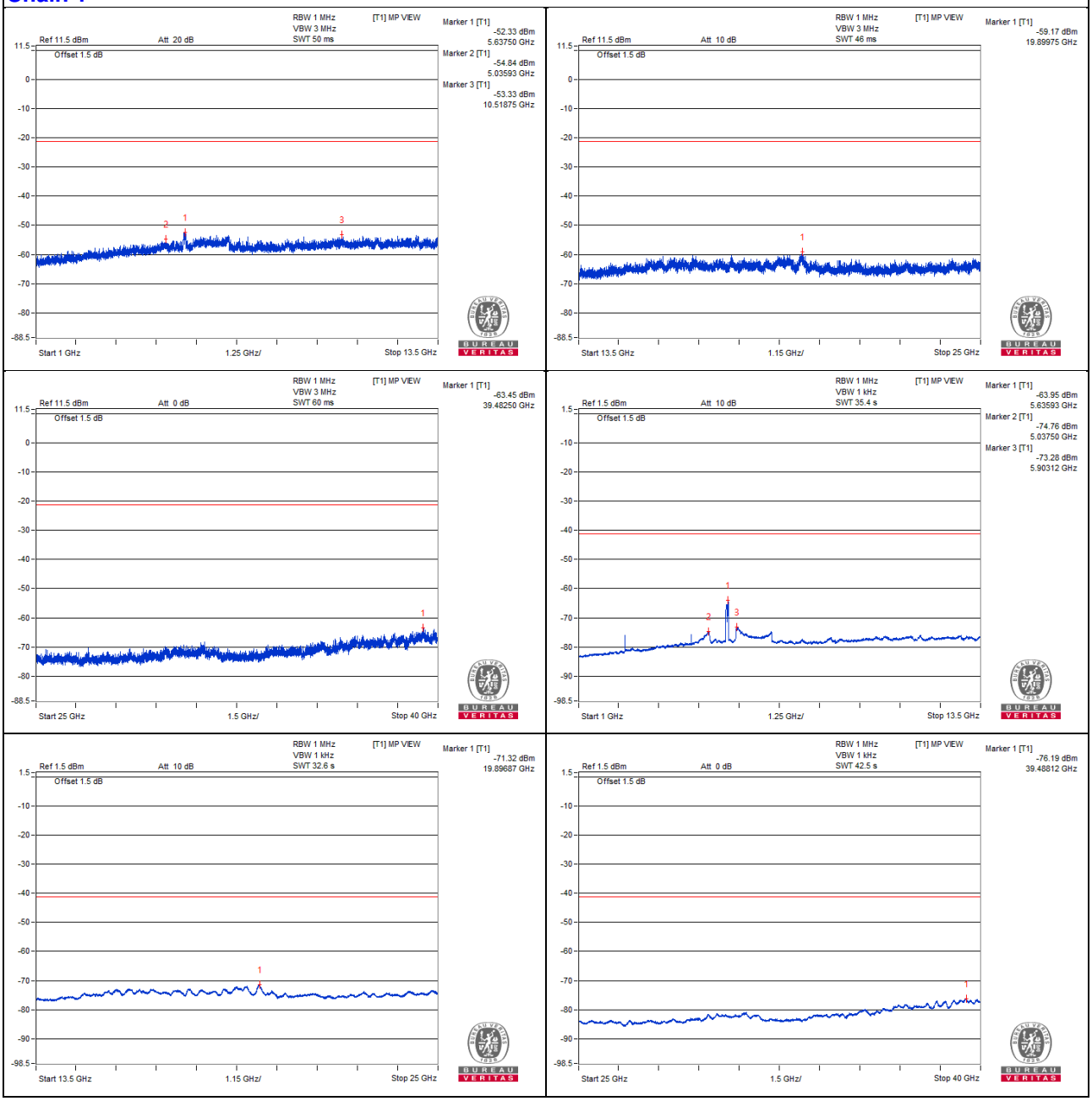
No.	Frequency (MHz)	Emission Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Raw Value (dBm)	Correction Factor (dB)	EIRP Level (dBm)
1	5637.5 PK	53.16	*		-52.33	10.23	-42.1
2	5035.93 PK	50.65	74	-23.35	-54.84	10.23	-44.61
3	10518.75 PK	52.16	68.2	-16.04	-53.33	10.23	-43.1
4	19899.75 PK	46.32	74	-27.68	-59.17	10.23	-48.94
5	39482.5 PK	42.04	74	-31.96	-63.45	10.23	-53.22
6	5635.93 AV	41.54	*		-63.95	10.23	-53.72
7	5037.5 AV	30.73	54	-23.27	-74.76	10.23	-64.53
8	5903.12 AV	32.21	#		-73.28	10.23	-63.05
9	19896.87 AV	34.17	54	-19.83	-71.32	10.23	-61.09
10	39488.12 AV	29.3	54	-24.7	-76.19	10.23	-65.96

Note :
1. Emission Level (dBuV/m) = EIRP Level (dBm) – 20log(d) + 104.8
   d = measurement distance in 3 meters.
2. Correction Factor(dB) = Antenna Gain (dBi) + 10 log (2 of TX antenna elements)
3. * : Fundamental frequency, the limit was restricted at the output power.
4. # : Non-restricted frequency, no limit for average emission.

Chain 0


RBW 1 MHz
VBW 3 MHz
SWT 50 ms
[T1] MP VIEW
Ref 11.5 dBm
Att 20 dB
Offset 1.5 dB
Marker 1 [T1]
-49.63 dBm
5.64531 GHz
Marker 2 [T1]
-53.70 dBm
5.02343 GHz
Marker 3 [T1]
-53.27 dBm
6.16406 GHz
Start 1 GHz
1.25 GHz/
Stop 13.5 GHz
RBW 1 MHz
VBW 3 MHz
SWT 46 ms
[T1] MP VIEW
Ref 11.5 dBm
Att 10 dB
Offset 1.5 dB
Marker 1 [T1]
-59.54 dBm
19.51306 GHz
Start 13.5 GHz
1.15 GHz/
Stop 25 GHz
RBW 1 MHz
VBW 3 MHz
SWT 60 ms
[T1] MP VIEW
Ref 11.5 dBm
Att 0 dB
Offset 1.5 dB
Marker 1 [T1]
-63.91 dBm
39.00437 GHz
Start 25 GHz
1.5 GHz/
Stop 40 GHz
RBW 1 MHz
VBW 1 kHz
SWT 35.4 s
[T1] MP VIEW
Ref 1.5 dBm
Att 10 dB
Offset 1.5 dB
Marker 1 [T1]
-60.62 dBm
5.64687 GHz
Marker 2 [T1]
-73.74 dBm
2.40937 GHz
Marker 3 [T1]
-62.40 dBm
6.08906 GHz
Start 1 GHz
1.25 GHz/
Stop 13.5 GHz
RBW 1 MHz
VBW 1 kHz
SWT 32.6 s
[T1] MP VIEW
Ref 1.5 dBm
Att 10 dB
Offset 1.5 dB
Marker 1 [T1]
-71.54 dBm
19.90118 GHz
Start 13.5 GHz
1.15 GHz/
Stop 25 GHz
RBW 1 MHz
VBW 1 kHz
SWT 42.5 s
[T1] MP VIEW
Ref 1.5 dBm
Att 0 dB
Offset 1.5 dB
Marker 1 [T1]
-76.16 dBm
39.49750 GHz
Start 25 GHz
1.5 GHz/
Stop 40 GHz

Chain 1


RBW 1 MHz
VBW 3 MHz
SWT 50 ms
[T1] MP VIEW
Marker 1 [T1]
-52.33 dBm
5.63750 GHz
Marker 2 [T1]
-54.84 dBm
5.03593 GHz
Marker 3 [T1]
-53.33 dBm
10.51875 GHz
Ref 11.5 dBm
Att 20 dB
Offset 1.5 dB
Start 1 GHz
1.25 GHz/
Stop 13.5 GHz
RBW 1 MHz
VBW 3 MHz
SWT 46 ms
[T1] MP VIEW
Marker 1 [T1]
-59.17 dBm
19.89975 GHz
Ref 11.5 dBm
Att 10 dB
Offset 1.5 dB
Start 13.5 GHz
1.15 GHz/
Stop 25 GHz
RBW 1 MHz
VBW 3 MHz
SWT 60 ms
[T1] MP VIEW
Marker 1 [T1]
-63.45 dBm
39.48250 GHz
Ref 11.5 dBm
Att 0 dB
Offset 1.5 dB
Start 25 GHz
1.5 GHz/
Stop 40 GHz
RBW 1 MHz
VBW 1 kHz
SWT 35.4 s
[T1] MP VIEW
Marker 1 [T1]
-63.95 dBm
5.63593 GHz
Marker 2 [T1]
-74.76 dBm
5.03750 GHz
Marker 3 [T1]
-73.28 dBm
5.90312 GHz
Ref 1.5 dBm
Att 10 dB
Offset 1.5 dB
Start 1 GHz
1.25 GHz/
Stop 13.5 GHz
RBW 1 MHz
VBW 1 kHz
SWT 32.6 s
[T1] MP VIEW
Marker 1 [T1]
-71.32 dBm
19.89687 GHz
Ref 1.5 dBm
Att 10 dB
Offset 1.5 dB
Start 13.5 GHz
1.15 GHz/
Stop 25 GHz
RBW 1 MHz
VBW 1 kHz
SWT 42.5 s
[T1] MP VIEW
Marker 1 [T1]
-76.19 dBm
39.48812 GHz
Ref 1.5 dBm
Att 0 dB
Offset 1.5 dB
Start 25 GHz
1.5 GHz/
Stop 40 GHz

Bandedge table

Chain 0

No.	Frequency (MHz)	Emission Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Raw Value (dBm)	Correction Factor (dB)	EIRP Level (dBm)
1	5626.6 PK	107.88	*		3.68	8.94	12.62
2	5725 PK	60.14	68.2	-8.06	-44.06	8.94	-35.12
3	5732.15 PK	61.54	68.2	-6.66	-42.66	8.94	-33.72
4	5625.15 AV	96.28	*		-7.92	8.94	1.02
5	5725 AV	47.89	#		-56.31	8.94	-47.37
6	5725.22 AV	47.91	#		-56.29	8.94	-47.35

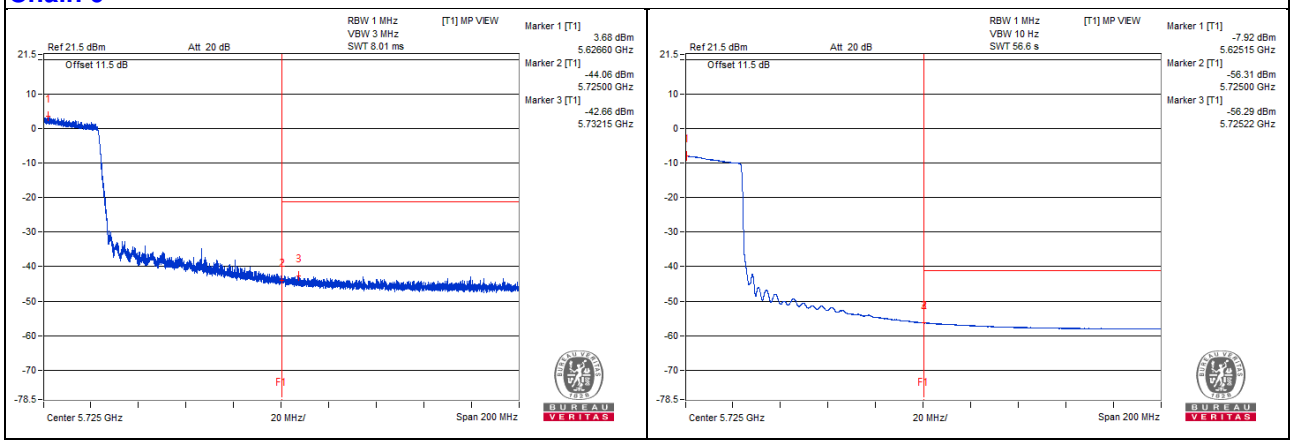
Note :
1. Emission Level (dBuV/m) = EIRP Level (dBm) – 20log(d) + 104.8
   d = measurement distance in 3 meters.
2. Correction Factor(dB) = Antenna Gain (dBi) + 10 log (2 of TX antenna elements)
3. * : Fundamental frequency, the limit was restricted at the output power.
4. # : Non-restricted frequency, no limit for average emission.

Chain 1

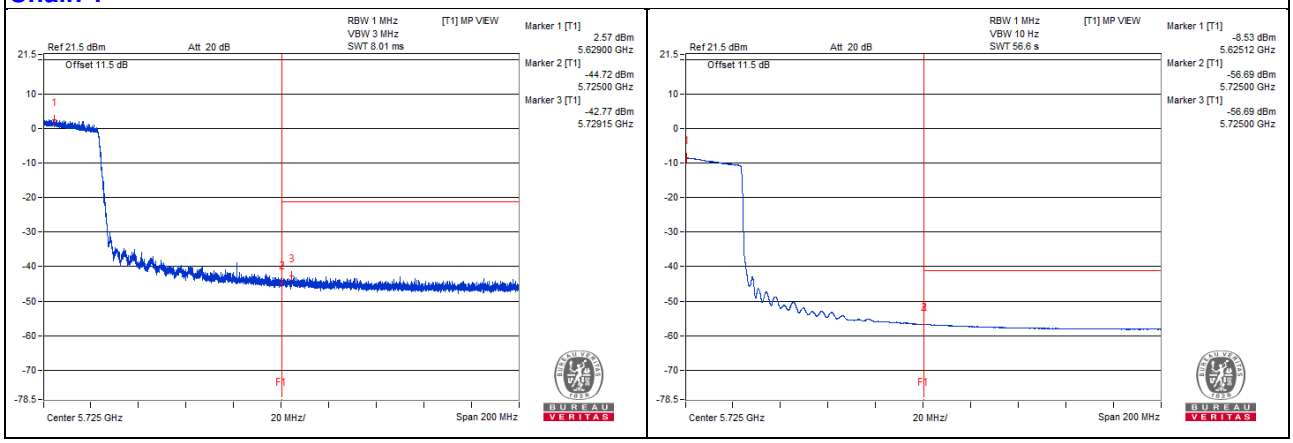
No.	Frequency (MHz)	Emission Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Raw Value (dBm)	Correction Factor (dB)	EIRP Level (dBm)
1	5629 PK	108.06	*		2.57	10.23	12.8
2	5725 PK	60.77	68.2	-7.43	-44.72	10.23	-34.49
3	5729.15 PK	62.72	68.2	-5.48	-42.77	10.23	-32.54
4	5625.12 AV	96.96	*		-8.53	10.23	1.7
5	5725 AV	48.8	#		-56.69	10.23	-46.46
6	5725 AV	48.8	#		-56.69	10.23	-46.46

Note :
1. Emission Level (dBuV/m) = EIRP Level (dBm) – 20log(d) + 104.8
   d = measurement distance in 3 meters.
2. Correction Factor(dB) = Antenna Gain (dBi) + 10 log (2 of TX antenna elements)
3. * : Fundamental frequency, the limit was restricted at the output power.
4. # : Non-restricted frequency, no limit for average emission.

Chain 0



Chain 1



802.11ac (VHT80) - Channel 138

Conducted spurious emission table

Chain 0

No.	Frequency (MHz)	Emission Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Raw Value (dBm)	Correction Factor (dB)	EIRP Level (dBm)
1	5659.37 PK	55.69	*		-48.88	9.31	-39.57
2	5070.31 PK	49.8	74	-24.2	-54.77	9.31	-45.46
3	6257.81 PK	51.84	68.2	-16.36	-52.73	9.31	-43.42
4	17062.12 PK	45.96	68.2	-22.24	-58.61	9.31	-49.3
5	39506.87 PK	40.25	74	-33.75	-64.32	9.31	-55.01
6	5654.68 AV	44.03	*		-60.54	9.31	-51.23
7	4551.56 AV	34.24	54	-19.76	-70.33	9.31	-61.02
8	6170.31 AV	43.27	#		-61.3	9.31	-51.99
9	17060.68 AV	33.72	#		-70.85	9.31	-61.54
10	39454.37 AV	28.4	54	-25.6	-76.17	9.31	-66.86

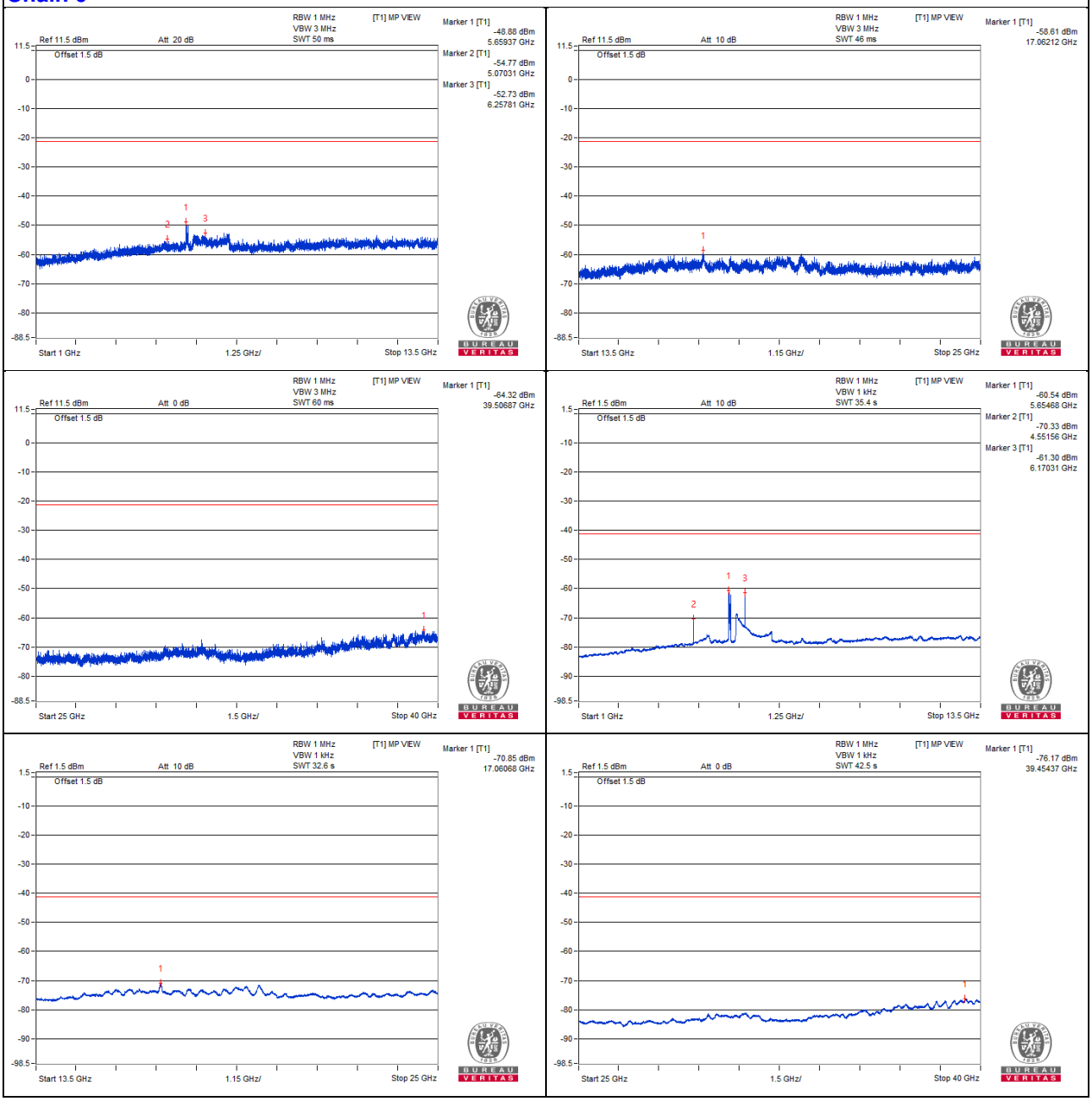
Note :
1. Emission Level (dBuV/m) = EIRP Level (dBm) – 20log(d) + 104.8
   d = measurement distance in 3 meters.
2. Correction Factor(dB) = Antenna Gain (dBi) + 10 log (2 of TX antenna elements)
3. * : Fundamental frequency, the limit was restricted at the output power.
4. # : Non-restricted frequency, no limit for average emission.

Chain 1

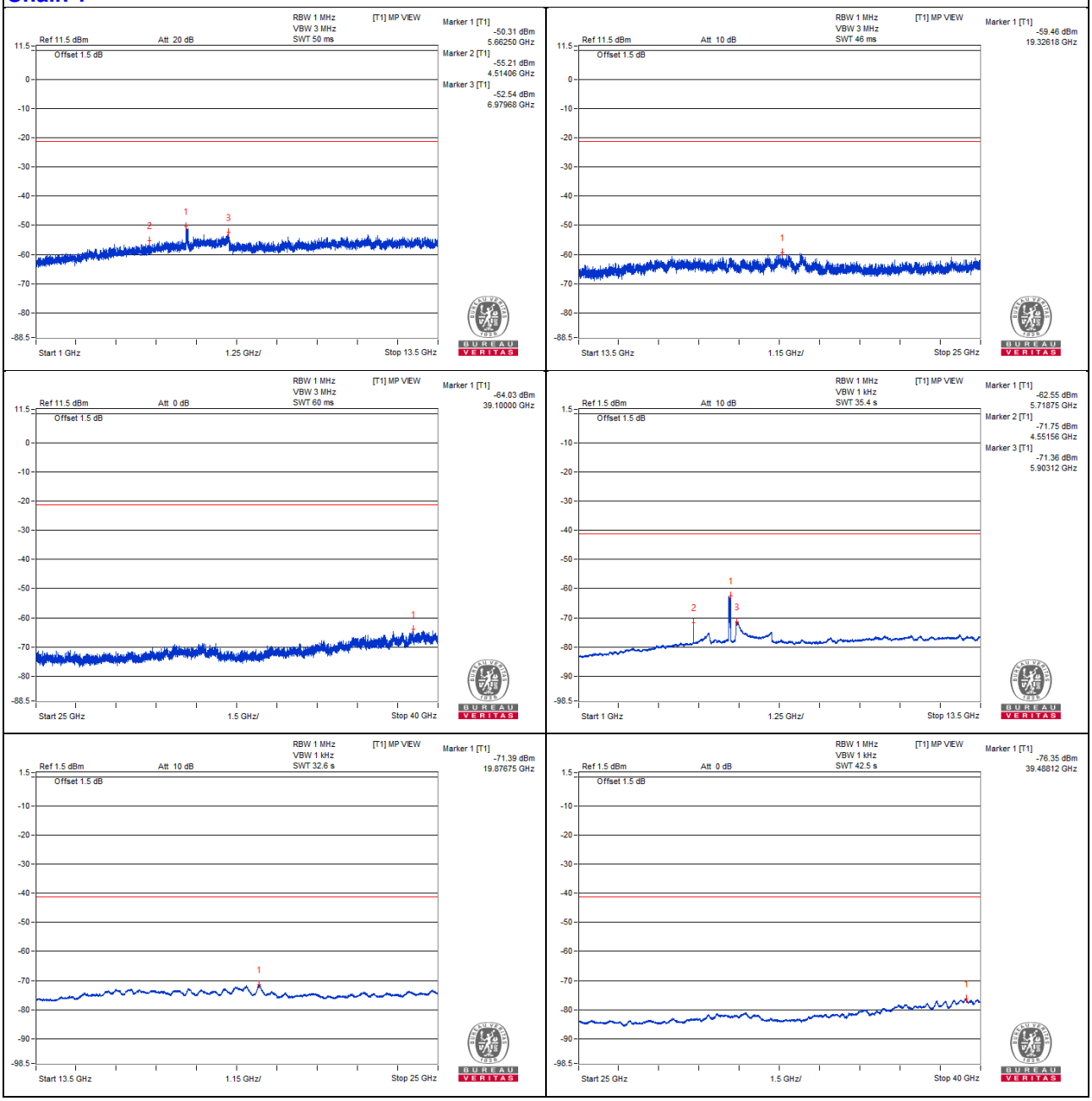
No.	Frequency (MHz)	Emission Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Raw Value (dBm)	Correction Factor (dB)	EIRP Level (dBm)
1	5662.5 PK	55.18	*		-50.31	10.23	-40.08
2	4514.06 PK	50.28	74	-23.72	-55.21	10.23	-44.98
3	6979.68 PK	52.95	68.2	-15.25	-52.54	10.23	-42.31
4	19326.18 PK	46.03	74	-27.97	-59.46	10.23	-49.23
5	39100 PK	41.46	74	-32.54	-64.03	10.23	-53.8
6	5718.75 AV	42.94	*		-62.55	10.23	-52.32
7	4551.56 AV	33.74	54	-20.26	-71.75	10.23	-61.52
8	5903.12 AV	34.13	#		-71.36	10.23	-61.13
9	19876.75 AV	34.1	54	-19.9	-71.39	10.23	-61.16
10	39488.12 AV	29.14	54	-24.86	-76.35	10.23	-66.12

Note :
1. Emission Level (dBuV/m) = EIRP Level (dBm) – 20log(d) + 104.8
   d = measurement distance in 3 meters.
2. Correction Factor(dB) = Antenna Gain (dBi) + 10 log (2 of TX antenna elements)
3. * : Fundamental frequency, the limit was restricted at the output power.
4. # : Non-restricted frequency, no limit for average emission.

Chain 0


RBW 1 MHz
VBW 3 MHz
SWT 50 ms
[T1] MP VIEW
Ref 11.5 dBm
Att 20 dB
Offset 1.5 dB
Marker 1 [T1]
-48.88 dBm
5.65937 GHz
Marker 2 [T1]
-54.77 dBm
5.07031 GHz
Marker 3 [T1]
-52.73 dBm
6.25781 GHz
Start 1 GHz
1.25 GHz/
Stop 13.5 GHz
RBW 1 MHz
VBW 3 MHz
SWT 46 ms
[T1] MP VIEW
Ref 11.5 dBm
Att 10 dB
Offset 1.5 dB
Marker 1 [T1]
-58.61 dBm
17.06212 GHz
Start 13.5 GHz
1.15 GHz/
Stop 25 GHz
RBW 1 MHz
VBW 3 MHz
SWT 60 ms
[T1] MP VIEW
Ref 11.5 dBm
Att 0 dB
Offset 1.5 dB
Marker 1 [T1]
-64.32 dBm
39.50687 GHz
Start 25 GHz
1.5 GHz/
Stop 40 GHz
RBW 1 MHz
VBW 1 kHz
SWT 35.4 s
[T1] MP VIEW
Ref 1.5 dBm
Att 10 dB
Offset 1.5 dB
Marker 1 [T1]
-60.54 dBm
5.65468 GHz
Marker 2 [T1]
-70.33 dBm
4.55156 GHz
Marker 3 [T1]
-61.30 dBm
6.17031 GHz
Start 1 GHz
1.25 GHz/
Stop 13.5 GHz
RBW 1 MHz
VBW 1 kHz
SWT 32.6 s
[T1] MP VIEW
Ref 1.5 dBm
Att 10 dB
Offset 1.5 dB
Marker 1 [T1]
-70.85 dBm
17.06068 GHz
Start 13.5 GHz
1.15 GHz/
Stop 25 GHz
RBW 1 MHz
VBW 1 kHz
SWT 42.5 s
[T1] MP VIEW
Ref 1.5 dBm
Att 0 dB
Offset 1.5 dB
Marker 1 [T1]
-76.17 dBm
39.45437 GHz
Start 25 GHz
1.5 GHz/
Stop 40 GHz

Chain 1


RBW 1 MHz
VBW 3 MHz
SWT 50 ms
[T1] MP VIEW
Marker 1 [T1]
-50.31 dBm
5.66250 GHz
Marker 2 [T1]
-55.21 dBm
4.51406 GHz
Marker 3 [T1]
-52.54 dBm
6.97968 GHz
Ref 11.5 dBm
Att 20 dB
Offset 1.5 dB
Start 1 GHz
1.25 GHz/
Stop 13.5 GHz
RBW 1 MHz
VBW 3 MHz
SWT 46 ms
[T1] MP VIEW
Marker 1 [T1]
-59.46 dBm
19.32618 GHz
Ref 11.5 dBm
Att 10 dB
Offset 1.5 dB
Start 13.5 GHz
1.15 GHz/
Stop 25 GHz
RBW 1 MHz
VBW 3 MHz
SWT 60 ms
[T1] MP VIEW
Marker 1 [T1]
-64.03 dBm
39.10000 GHz
Ref 11.5 dBm
Att 0 dB
Offset 1.5 dB
Start 25 GHz
1.5 GHz/
Stop 40 GHz
RBW 1 MHz
VBW 1 kHz
SWT 35.4 s
[T1] MP VIEW
Marker 1 [T1]
-62.55 dBm
5.71875 GHz
Marker 2 [T1]
-71.75 dBm
4.55156 GHz
Marker 3 [T1]
-71.36 dBm
5.90312 GHz
Ref 1.5 dBm
Att 10 dB
Offset 1.5 dB
Start 1 GHz
1.25 GHz/
Stop 13.5 GHz
RBW 1 MHz
VBW 1 kHz
SWT 32.6 s
[T1] MP VIEW
Marker 1 [T1]
-71.39 dBm
19.87675 GHz
Ref 1.5 dBm
Att 10 dB
Offset 1.5 dB
Start 13.5 GHz
1.15 GHz/
Stop 25 GHz
RBW 1 MHz
VBW 1 kHz
SWT 42.5 s
[T1] MP VIEW
Marker 1 [T1]
-76.35 dBm
39.48812 GHz
Ref 1.5 dBm
Att 0 dB
Offset 1.5 dB
Start 25 GHz
1.5 GHz/
Stop 40 GHz

Bandedge table

Chain 0

No.	Frequency (MHz)	Emission Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Raw Value (dBm)	Correction Factor (dB)	EIRP Level (dBm)
1	5684.46 PK	109.62	*		5.05	9.31	14.36
2	5850 PK	59.26	68.2	-8.94	-45.31	9.31	-36
3	5873.57 PK	61.83	68.2	-6.37	-42.74	9.31	-33.43
4	5688.43 AV	98.22	*		-6.35	9.31	2.96
5	5850 AV	47.24	#		-57.33	9.31	-48.02
6	5851.71 AV	47.25	#		-57.32	9.31	-48.01

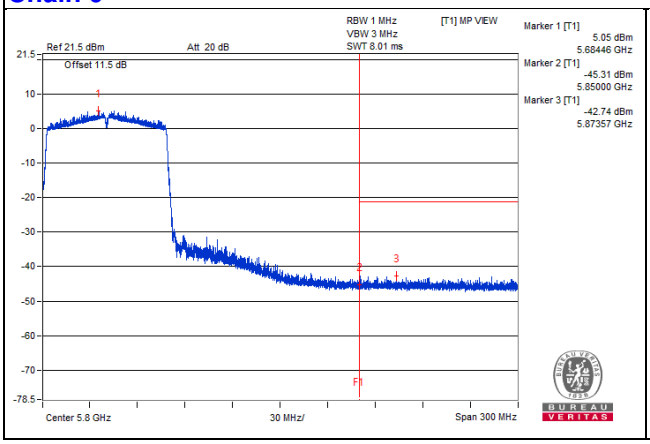
Note :
1. Emission Level (dBuV/m) = EIRP Level (dBm) – 20log(d) + 104.8
   d = measurement distance in 3 meters.
2. Correction Factor(dB) = Antenna Gain (dBi) + 10 log (2 of TX antenna elements)
3. * : Fundamental frequency, the limit was restricted at the output power.
4. # : Non-restricted frequency, no limit for average emission.

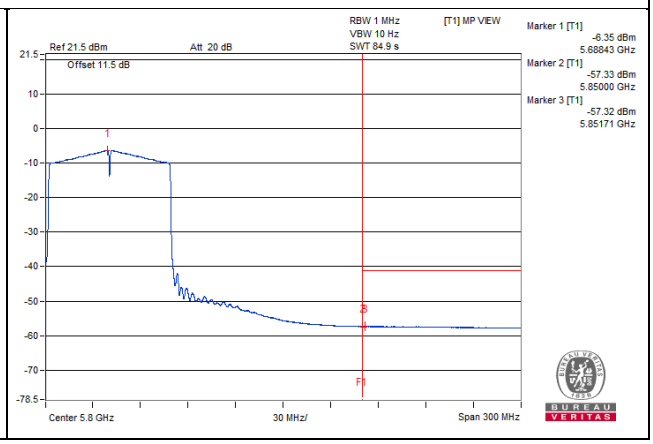
Chain 1

No.	Frequency (MHz)	Emission Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Raw Value (dBm)	Correction Factor (dB)	EIRP Level (dBm)
1	5686 PK	110.03	*		4.61	10.16	14.77
2	5850 PK	59.81	68.2	-8.39	-45.61	10.16	-35.45
3	5896.11 PK	62.08	68.2	-6.12	-43.34	10.16	-33.18
4	5688.06 AV	98.27	*		-7.15	10.16	3.01
5	5850 AV	47.79	#		-57.63	10.16	-47.47
6	5857.37 AV	47.9	#		-57.52	10.16	-47.36

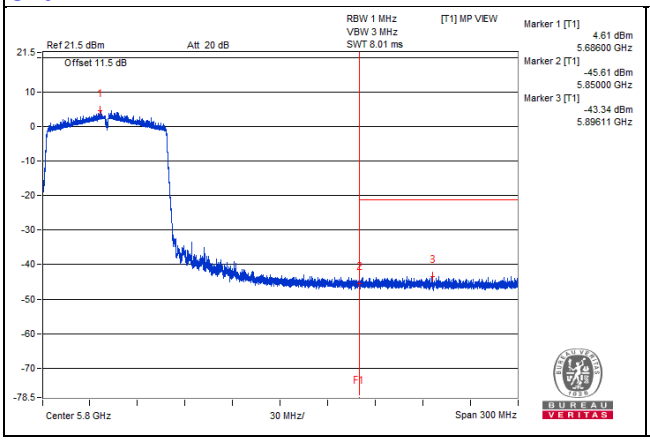
Note :
1. Emission Level (dBuV/m) = EIRP Level (dBm) – 20log(d) + 104.8
   d = measurement distance in 3 meters.
2. Correction Factor(dB) = Antenna Gain (dBi) + 10 log (2 of TX antenna elements)
3. * : Fundamental frequency, the limit was restricted at the output power.
4. # : Non-restricted frequency, no limit for average emission.

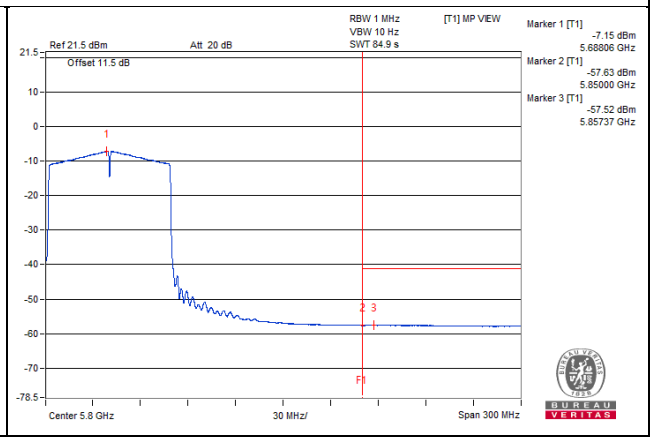
Chain 0





Chain 1





802.11ac (VHT80) – Channel 155

Conducted spurious emission table

Chain 0

No.	Frequency (MHz)	Emission Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Raw Value (dBm)	Correction Factor (dB)	EIRP Level (dBm)
1	5915.62 PK	53.73	68.2	-14.47	-50.84	9.31	-41.53
2	5020.31 PK	49.1	74	-24.9	-55.47	9.31	-46.16
3	5915.62 PK	53.73	68.2	-14.47	-50.84	9.31	-41.53
4	18909.31 PK	45.04	74	-28.96	-59.53	9.31	-50.22
5	39287.5 PK	40.42	74	-33.58	-64.15	9.31	-54.84
6	6254.68 AV	42.3	#		-62.27	9.31	-52.96
7	5045.31 AV	27.95	54	-26.05	-76.62	9.31	-67.31
8	6254.68 AV	42.3	#		-62.27	9.31	-52.96
9	19885.37 AV	33.17	54	-20.83	-71.4	9.31	-62.09
10	39458.12 AV	28.19	54	-25.81	-76.38	9.31	-67.07

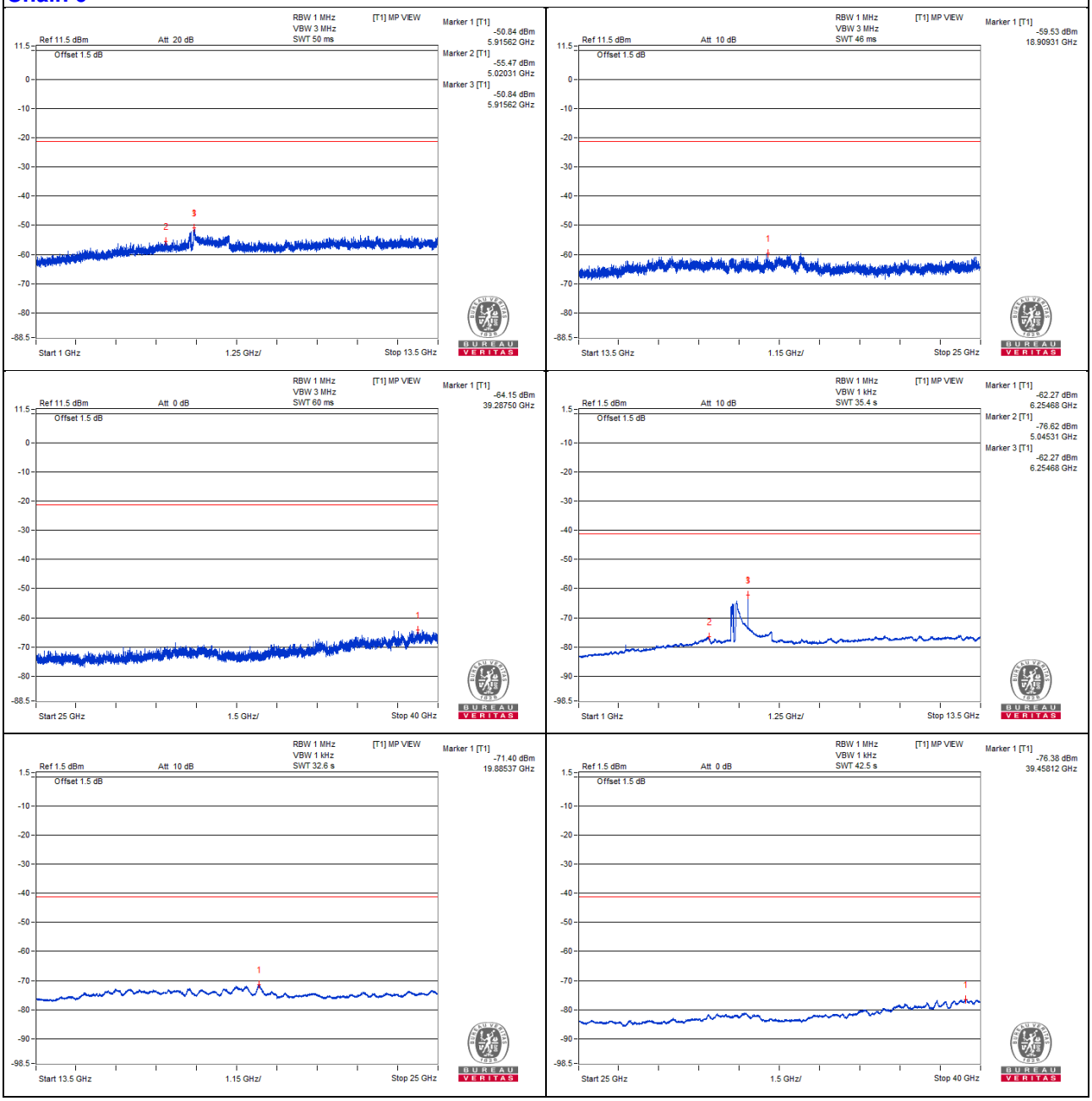
Note :
1. Emission Level (dBuV/m) = EIRP Level (dBm) – 20log(d) + 104.8
   d = measurement distance in 3 meters.
2. Correction Factor(dB) = Antenna Gain (dBi) + 10 log (2 of TX antenna elements)
3. # : Non-restricted frequency, no limit for average emission.

Chain 1

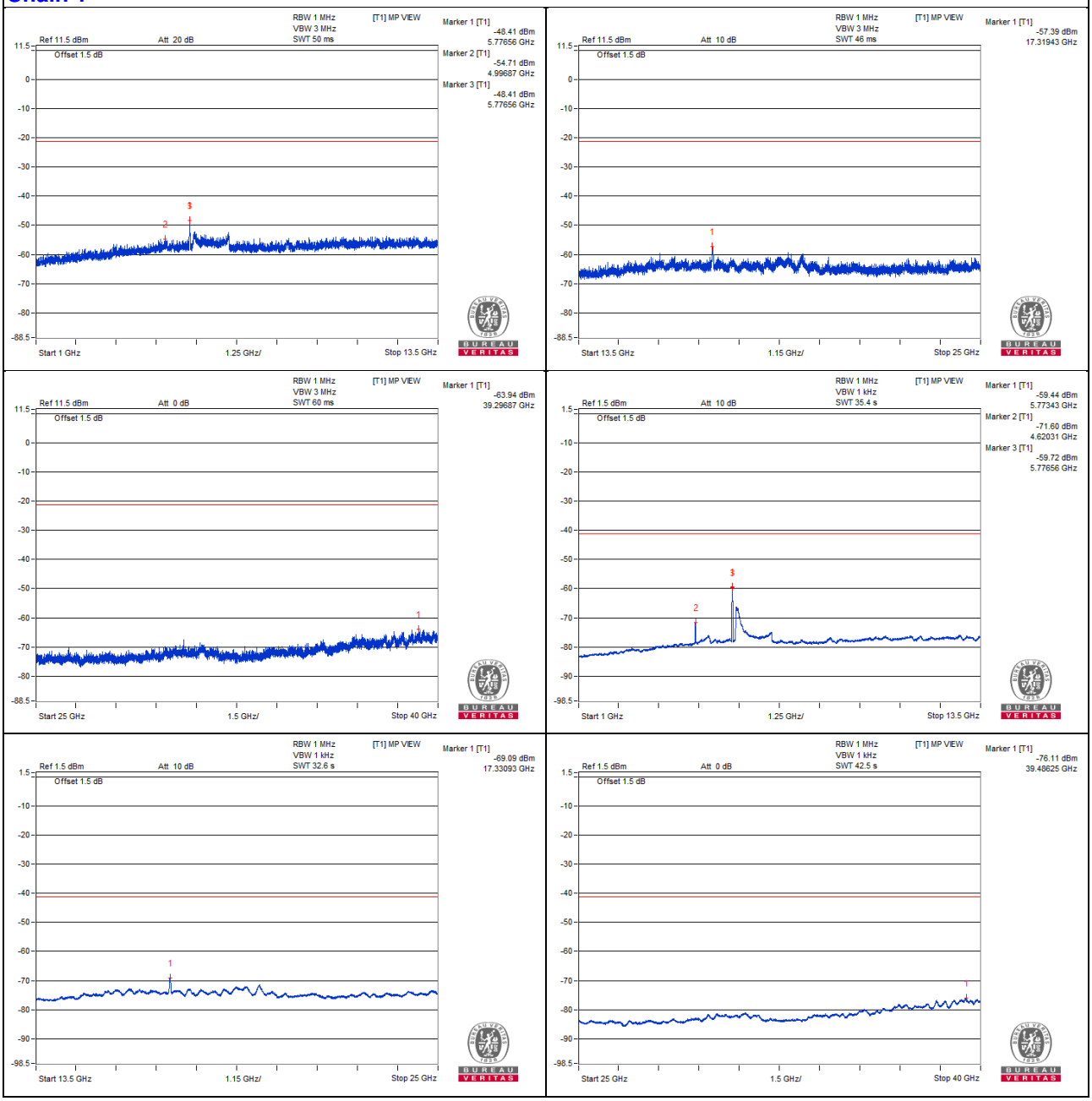
No.	Frequency (MHz)	Emission Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Raw Value (dBm)	Correction Factor (dB)	EIRP Level (dBm)
1	5776.56 PK	57.08	*		-48.41	10.23	-38.18
2	4996.87 PK	50.78	74	-23.22	-54.71	10.23	-44.48
3	5776.56 PK	57.08	*		-48.41	10.23	-38.18
4	17319.43 PK	48.1	68.2	-20.1	-57.39	10.23	-47.16
5	39296.87 PK	41.55	74	-32.45	-63.94	10.23	-53.71
6	5773.43 AV	46.05	*		-59.44	10.23	-49.21
7	4620.31 AV	33.89	54	-20.11	-71.6	10.23	-61.37
8	5776.56 AV	45.77	*		-59.72	10.23	-49.49
9	17330.93 AV	36.4	#		-69.09	10.23	-58.86
10	39486.25 AV	29.38	54	-24.62	-76.11	10.23	-65.88

Note :
1. Emission Level (dBuV/m) = EIRP Level (dBm) – 20log(d) + 104.8
   d = measurement distance in 3 meters.
2. Correction Factor(dB) = Antenna Gain (dBi) + 10 log (2 of TX antenna elements)
3. * : Fundamental frequency, the limit was restricted at the output power.
4. # : Non-restricted frequency, no limit for average emission.

Chain 0

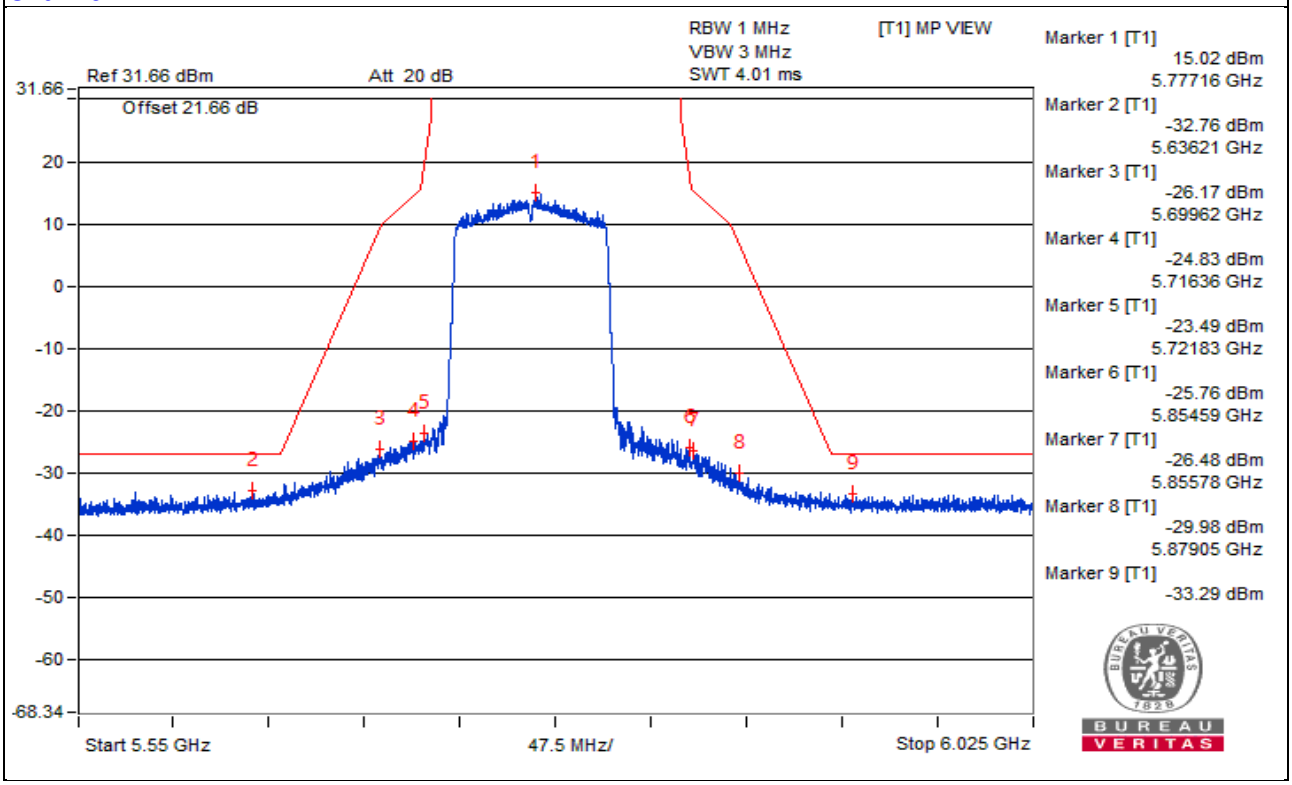

RBW 1 MHz
VBW 3 MHz
SWT 50 ms
[T1] MP VIEW
Ref 11.5 dBm
Att 20 dB
Offset 1.5 dB
Marker 1 [T1]
-50.84 dBm
5.91562 GHz
Marker 2 [T1]
-55.47 dBm
5.02031 GHz
Marker 3 [T1]
-50.84 dBm
5.91562 GHz
Start 1 GHz
1.25 GHz/
Stop 13.5 GHz
RBW 1 MHz
VBW 3 MHz
SWT 46 ms
[T1] MP VIEW
Ref 11.5 dBm
Att 10 dB
Offset 1.5 dB
Marker 1 [T1]
-59.53 dBm
18.90931 GHz
Start 13.5 GHz
1.15 GHz/
Stop 25 GHz
RBW 1 MHz
VBW 3 MHz
SWT 60 ms
[T1] MP VIEW
Ref 11.5 dBm
Att 0 dB
Offset 1.5 dB
Marker 1 [T1]
-64.15 dBm
39.28750 GHz
Start 25 GHz
1.5 GHz/
Stop 40 GHz
RBW 1 MHz
VBW 1 kHz
SWT 35.4 s
[T1] MP VIEW
Ref 1.5 dBm
Att 10 dB
Offset 1.5 dB
Marker 1 [T1]
-62.27 dBm
6.25468 GHz
Marker 2 [T1]
-76.62 dBm
5.04531 GHz
Marker 3 [T1]
-62.27 dBm
6.25468 GHz
Start 1 GHz
1.25 GHz/
Stop 13.5 GHz
RBW 1 MHz
VBW 1 kHz
SWT 32.6 s
[T1] MP VIEW
Ref 1.5 dBm
Att 10 dB
Offset 1.5 dB
Marker 1 [T1]
-71.40 dBm
19.88537 GHz
Start 13.5 GHz
1.15 GHz/
Stop 25 GHz
RBW 1 MHz
VBW 1 kHz
SWT 42.5 s
[T1] MP VIEW
Ref 1.5 dBm
Att 0 dB
Offset 1.5 dB
Marker 1 [T1]
-76.38 dBm
39.45812 GHz
Start 25 GHz
1.5 GHz/
Stop 40 GHz

Chain 1

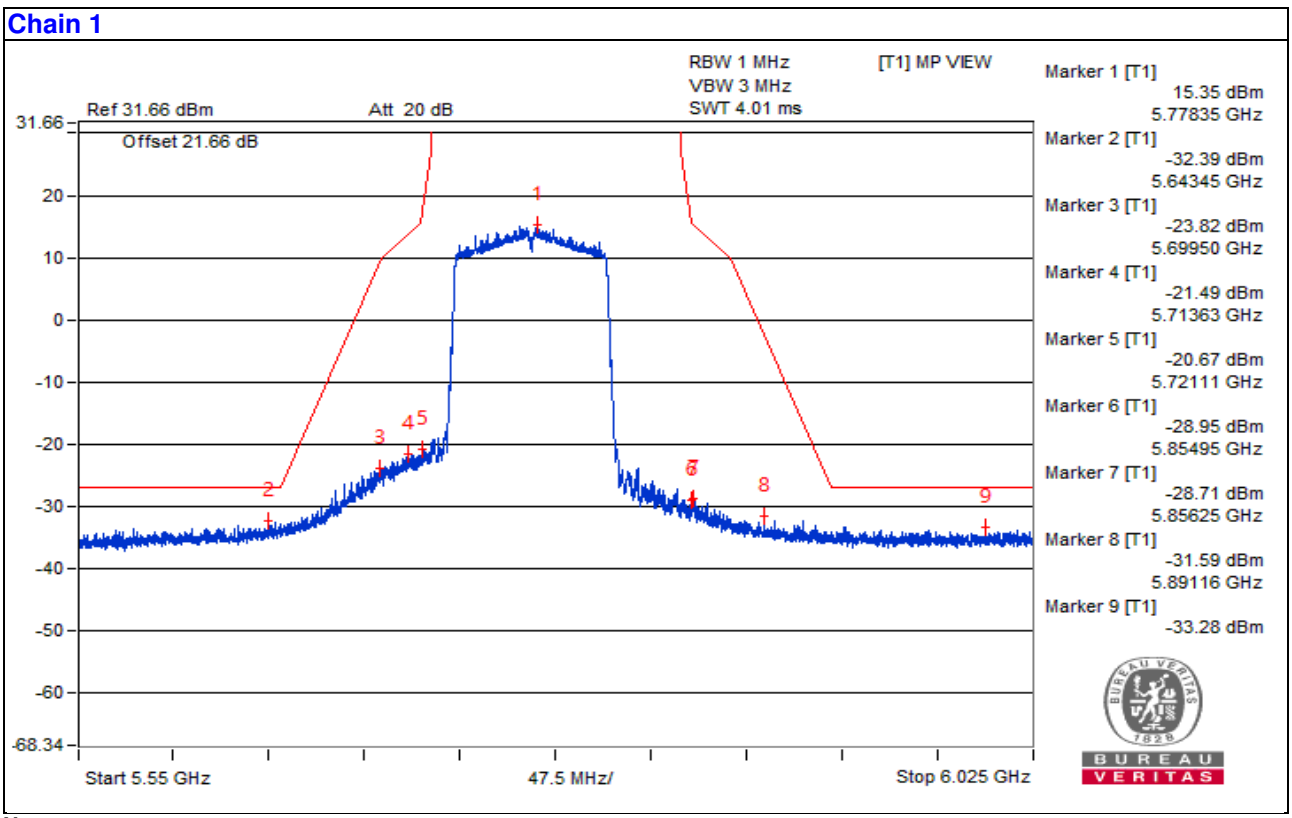

RBW 1 MHz
VBW 3 MHz
SWT 50 ms
[T1] MP VIEW
Ref 11.5 dBm
Att 20 dB
Offset 1.5 dB
Marker 1 [T1]
-48.41 dBm
5.77656 GHz
Marker 2 [T1]
-54.71 dBm
4.99687 GHz
Marker 3 [T1]
-48.41 dBm
5.77656 GHz
Start 1 GHz
1.25 GHz/
Stop 13.5 GHz
RBW 1 MHz
VBW 3 MHz
SWT 46 ms
[T1] MP VIEW
Ref 11.5 dBm
Att 10 dB
Offset 1.5 dB
Marker 1 [T1]
-57.39 dBm
17.31943 GHz
Start 13.5 GHz
1.15 GHz/
Stop 25 GHz
RBW 1 MHz
VBW 3 MHz
SWT 60 ms
[T1] MP VIEW
Ref 11.5 dBm
Att 0 dB
Offset 1.5 dB
Marker 1 [T1]
-63.94 dBm
39.29687 GHz
Start 25 GHz
1.5 GHz/
Stop 40 GHz
RBW 1 MHz
VBW 1 kHz
SWT 35.4 s
[T1] MP VIEW
Ref 1.5 dBm
Att 10 dB
Offset 1.5 dB
Marker 1 [T1]
-59.44 dBm
5.77343 GHz
Marker 2 [T1]
-71.60 dBm
4.62031 GHz
Marker 3 [T1]
-59.72 dBm
5.77656 GHz
Start 1 GHz
1.25 GHz/
Stop 13.5 GHz
RBW 1 MHz
VBW 1 kHz
SWT 32.6 s
[T1] MP VIEW
Ref 1.5 dBm
Att 10 dB
Offset 1.5 dB
Marker 1 [T1]
-69.09 dBm
17.33093 GHz
Start 13.5 GHz
1.15 GHz/
Stop 25 GHz
RBW 1 MHz
VBW 1 kHz
SWT 42.5 s
[T1] MP VIEW
Ref 1.5 dBm
Att 0 dB
Offset 1.5 dB
Marker 1 [T1]
-76.11 dBm
39.48625 GHz
Start 25 GHz
1.5 GHz/
Stop 40 GHz

Bandedge table

Chain 0



Chain 1



Note:
1. The offset including attenuator (10dB), cable loss (1.5 dB), antenna gain (7.15 dBi) and 10log2 (3.01dB).
2. The test results were EIRP.

Below 1GHz Data
802.11ac (VHT20) – Channel 36
Conducted spurious emission table

Chain 0

No.	Frequency (MHz)	Emission Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Raw Value (dBm)	Correction Factor (dB)	EIRP Level (dBm)
1	30.24	29.42	#		-75.15	9.31	-65.84
2	175.74	29.39	#		-75.18	9.31	-65.87
3	740.52	31.15	#		-73.42	9.31	-64.11
4	963.26	30.43	54	-23.57	-74.14	9.31	-64.83

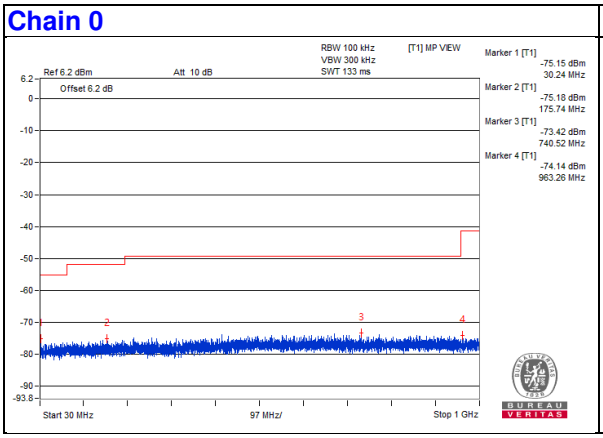
Note :
1. Emission Level (dBuV/m) = EIRP Level (dBm) – 20log(d) + 104.8
   d = measurement distance in 3 meters.
2. Correction Factor(dB) = Antenna Gain (dBi) + 10 log (2 of TX antenna elements)
3. # : Non-restricted frequency, no limit for average emission.

Chain 1

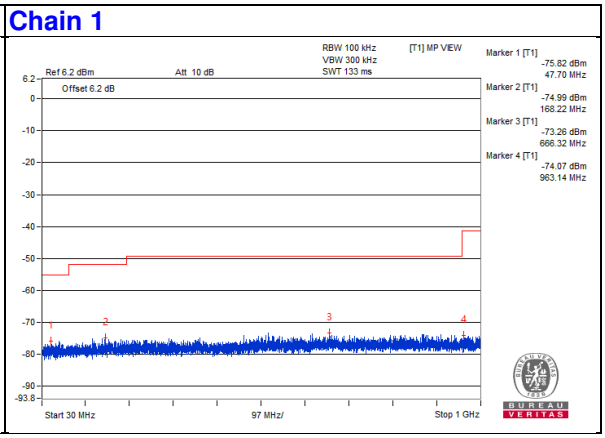
No.	Frequency (MHz)	Emission Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Raw Value (dBm)	Correction Factor (dB)	EIRP Level (dBm)
1	47.7	29.67	#		-75.82	10.23	-65.59
2	168.22	30.5	43.5	-13	-74.99	10.23	-64.76
3	666.32	32.23	#		-73.26	10.23	-63.03
4	963.14	31.42	54	-22.58	-74.07	10.23	-63.84

Note :
1. Emission Level (dBuV/m) = EIRP Level (dBm) – 20log(d) + 104.8
   d = measurement distance in 3 meters.
2. Correction Factor(dB) = Antenna Gain (dBi) + 10 log (2 of TX antenna elements)
3. # : Non-restricted frequency, no limit for average emission.

Chain 0



Chain 1



802.11ac (VHT20) – Channel 64

Conducted spurious emission table

Chain 0

No.	Frequency (MHz)	Emission Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Raw Value (dBm)	Correction Factor (dB)	EIRP Level (dBm)
1	80.07	28.65	#		-75.92	9.31	-66.61
2	202.05	30	#		-74.57	9.31	-65.26
3	750.83	31.5	#		-73.07	9.31	-63.76
4	970.29	30.32	54	-23.68	-74.25	9.31	-64.94

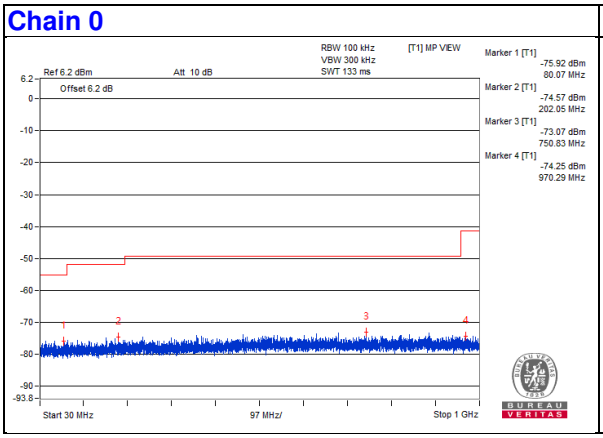
Note :
1. Emission Level (dBuV/m) = EIRP Level (dBm) – 20log(d) + 104.8
   d = measurement distance in 3 meters.
2. Correction Factor(dB) = Antenna Gain (dBi) + 10 log (2 of TX antenna elements)
3. # : Non-restricted frequency, no limit for average emission.

Chain 1

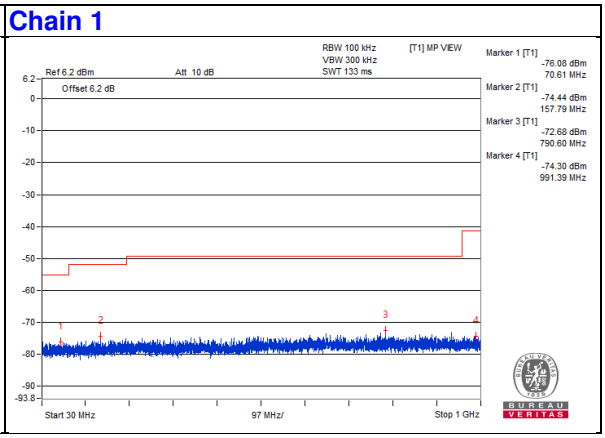
No.	Frequency (MHz)	Emission Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Raw Value (dBm)	Correction Factor (dB)	EIRP Level (dBm)
1	70.61	29.41	#		-76.08	10.23	-65.85
2	157.79	31.05	#		-74.44	10.23	-64.21
3	790.6	32.81	#		-72.68	10.23	-62.45
4	991.39	31.19	54	-22.81	-74.3	10.23	-64.07

Note :
1. Emission Level (dBuV/m) = EIRP Level (dBm) – 20log(d) + 104.8
   d = measurement distance in 3 meters.
2. Correction Factor(dB) = Antenna Gain (dBi) + 10 log (2 of TX antenna elements)
3. # : Non-restricted frequency, no limit for average emission.

Chain 0



Chain 1



802.11ac (VHT20) – Channel 116

Conducted spurious emission table

Chain 0

No.	Frequency (MHz)	Emission Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Raw Value (dBm)	Correction Factor (dB)	EIRP Level (dBm)
1	85.65	28.59	#		-75.98	9.31	-66.67
2	189.32	28.88	#		-75.69	9.31	-66.38
3	589.69	31.1	#		-73.47	9.31	-64.16
4	968.71	30.49	54	-23.51	-74.08	9.31	-64.77

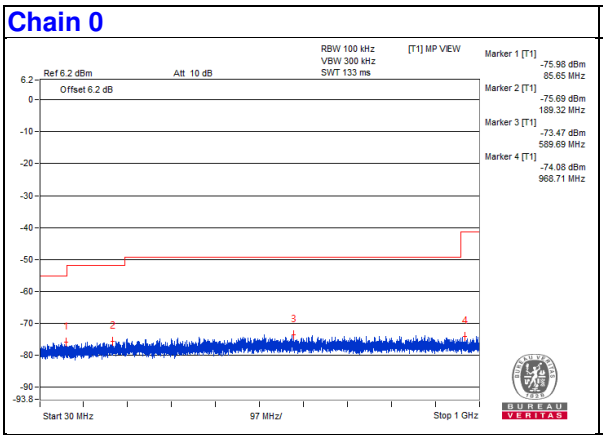
Note :
1. Emission Level (dBuV/m) = EIRP Level (dBm) – 20log(d) + 104.8
   d = measurement distance in 3 meters.
2. Correction Factor(dB) = Antenna Gain (dBi) + 10 log (2 of TX antenna elements)
3. # : Non-restricted frequency, no limit for average emission.

Chain 1

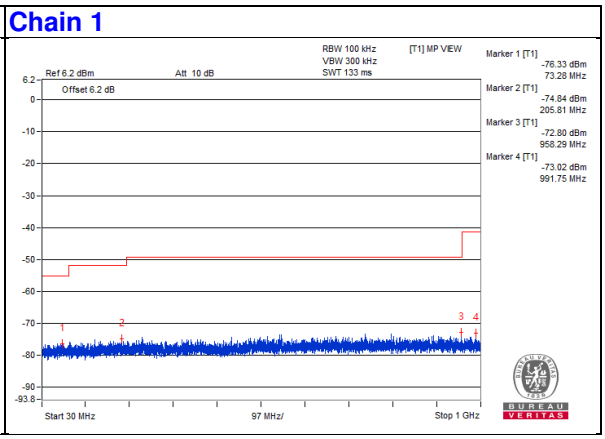
No.	Frequency (MHz)	Emission Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Raw Value (dBm)	Correction Factor (dB)	EIRP Level (dBm)
1	73.28	29.16	40	-10.84	-76.33	10.23	-66.1
2	205.81	30.65	#		-74.84	10.23	-64.61
3	958.29	32.69	46	-13.31	-72.8	10.23	-62.57
4	991.75	32.47	54	-21.53	-73.02	10.23	-62.79

Note :
1. Emission Level (dBuV/m) = EIRP Level (dBm) – 20log(d) + 104.8
   d = measurement distance in 3 meters.
2. Correction Factor(dB) = Antenna Gain (dBi) + 10 log (2 of TX antenna elements)
3. # : Non-restricted frequency, no limit for average emission.

Chain 0



Chain 1



802.11ac (VHT20) – Channel 157
Conducted spurious emission table

Chain 0

No.	Frequency (MHz)	Emission Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Raw Value (dBm)	Correction Factor (dB)	EIRP Level (dBm)
1	82.13	28.89	#		-75.68	9.31	-66.37
2	211.63	29.06	#		-75.51	9.31	-66.2
3	684.14	31.08	#		-73.49	9.31	-64.18
4	996.84	29.82	54	-24.18	-74.75	9.31	-65.44

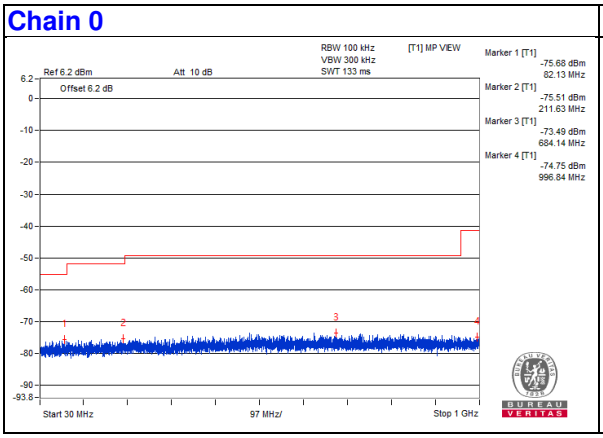
Note :
1. Emission Level (dBuV/m) = EIRP Level (dBm) – 20log(d) + 104.8
   d = measurement distance in 3 meters.
2. Correction Factor(dB) = Antenna Gain (dBi) + 10 log (2 of TX antenna elements)
3. # : Non-restricted frequency, no limit for average emission.

Chain 1

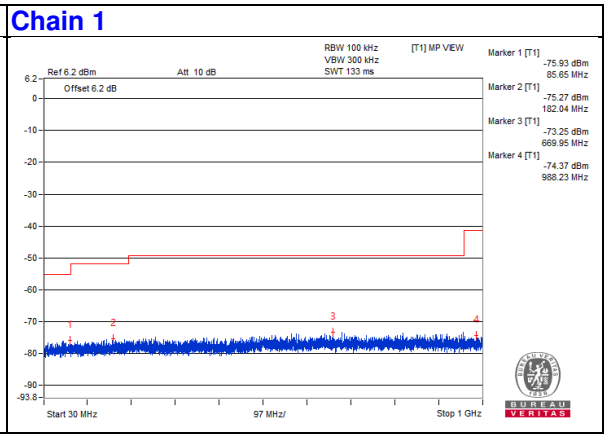
No.	Frequency (MHz)	Emission Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Raw Value (dBm)	Correction Factor (dB)	EIRP Level (dBm)
1	85.65	29.56	#		-75.93	10.23	-65.7
2	182.04	30.22	#		-75.27	10.23	-65.04
3	669.95	32.24	#		-73.25	10.23	-63.02
4	988.23	31.12	54	-22.88	-74.37	10.23	-64.14

Note :
1. Emission Level (dBuV/m) = EIRP Level (dBm) – 20log(d) + 104.8
   d = measurement distance in 3 meters.
2. Correction Factor(dB) = Antenna Gain (dBi) + 10 log (2 of TX antenna elements)
3. # : Non-restricted frequency, no limit for average emission.

Chain 0



Chain 1



Note: Choose worse case from above and set RBW/VBW=120kHz/1MHz to verification.

802.11ac (VHT20) – Channel 157

Conducted spurious emission table

Chain 0

No.	Frequency (MHz)	Emission Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Raw Value (dBm)	Correction Factor (dB)	EIRP Level (dBm)
1	66.98	37.95	#		-66.62	9.31	-57.31
2	179.86	39.19	#		-65.38	9.31	-56.07
3	517.78	41.19	#		-63.38	9.31	-54.07
4	973.44	40.25	54	-13.75	-64.32	9.31	-55.01

Note :

1. Emission Level (dBuV/m) = EIRP Level (dBm) – 20log(d) + 104.8
   d = measurement distance in 3 meters.
2. Correction Factor(dB) = Antenna Gain (dBi) + 10 log (2 of TX antenna elements)
3. # : Non-restricted frequency, no limit for average emission.

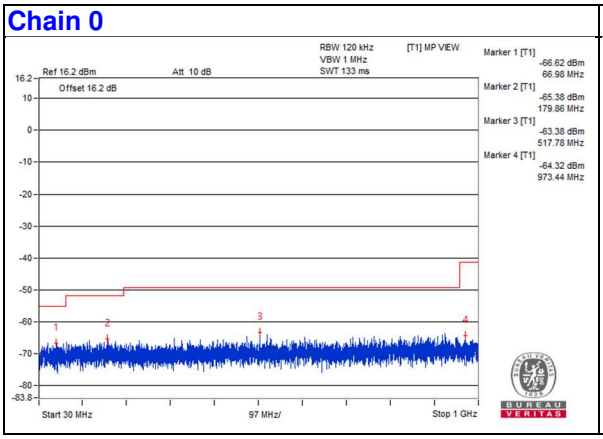
Chain 1

No.	Frequency (MHz)	Emission Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Raw Value (dBm)	Correction Factor (dB)	EIRP Level (dBm)
1	87.35	40.66	#		-64.83	10.23	-54.6
2	214.9	41.37	#		-64.12	10.23	-53.89
3	808.91	43.05	#		-62.44	10.23	-52.21
4	982.41	41.59	54	-12.41	-63.9	10.23	-53.67

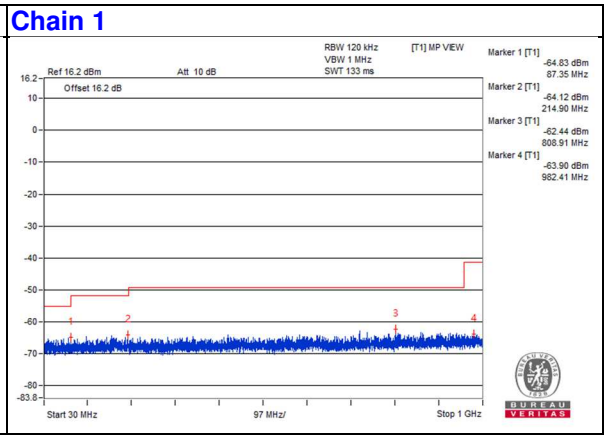
Note :

1. Emission Level (dBuV/m) = EIRP Level (dBm) – 20log(d) + 104.8
   d = measurement distance in 3 meters.
2. Correction Factor(dB) = Antenna Gain (dBi) + 10 log (2 of TX antenna elements)
3. # : Non-restricted frequency, no limit for average emission.

Chain 0



Chain 1



4.1.8.2 Test Results (Mode 2)

Above 1GHz Data

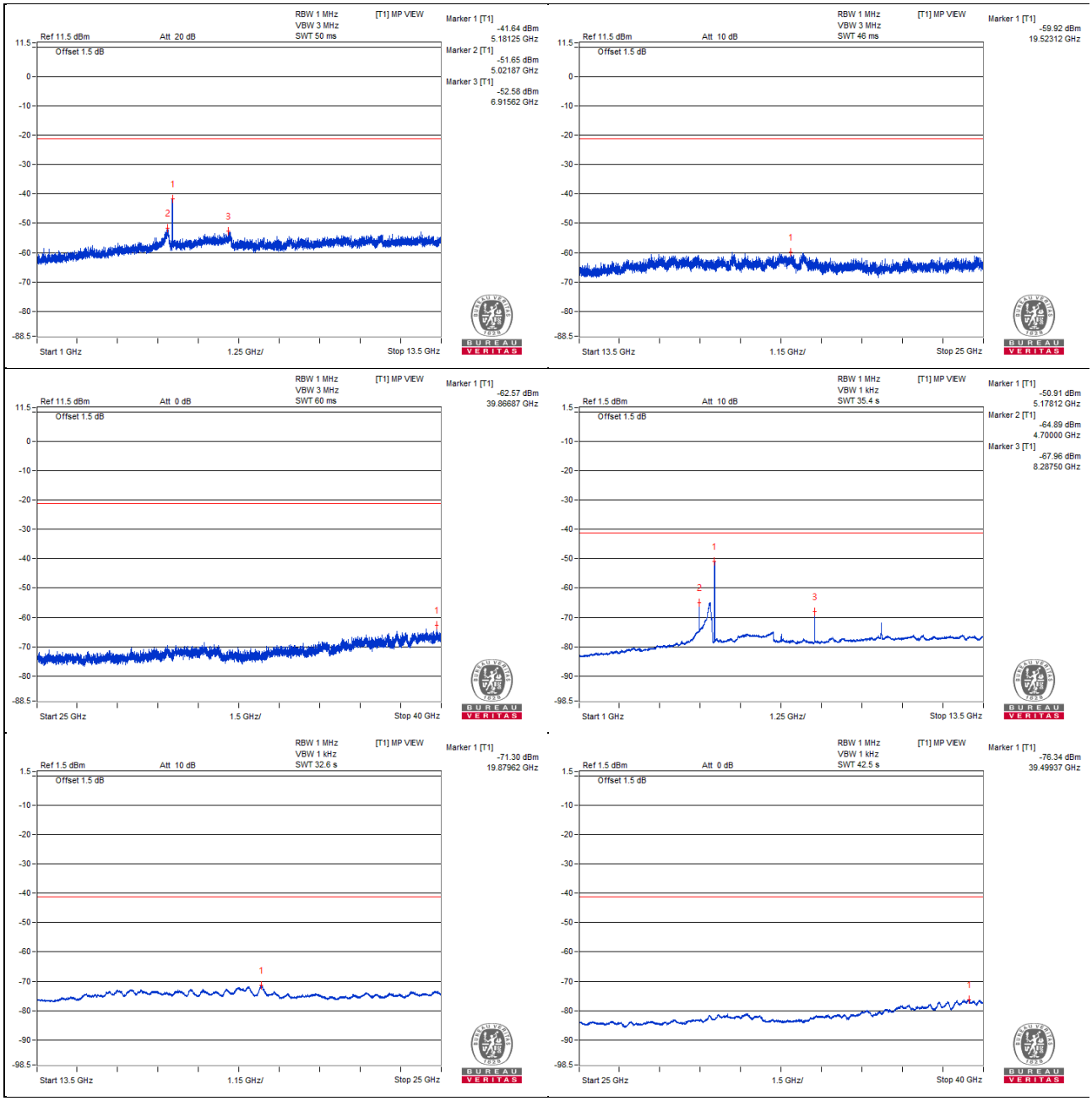
802.11a - Channel 36

Conducted spurious emission table

No.	Frequency (MHz)	Emission Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Raw Value (dBm)	Correction Factor (dB)	EIRP Level (dBm)
1	5181.25 PK	59.92	*		-41.64	6.3	-35.34
2	5021.87 PK	49.91	74	-24.09	-51.65	6.3	-45.35
3	6915.62 PK	48.98	68.2	-19.22	-52.58	6.3	-46.28
4	19523.12 PK	41.64	74	-32.36	-59.92	6.3	-53.62
5	39866.87 PK	38.99	74	-35.01	-62.57	6.3	-56.27
6	5178.12 AV	50.65	*		-50.91	6.3	-44.61
7	4700 AV	36.67	54	-17.33	-64.89	6.3	-58.59
8	8287.5 AV	33.6	54	-20.4	-67.96	6.3	-61.66
9	19879.62 AV	30.26	54	-23.74	-71.3	6.3	-65
10	39499.37 AV	25.22	54	-28.78	-76.34	6.3	-70.04

Note :

1. Emission Level (dBuV/m) = EIRP Level (dBm) – 20log(d) + 104.8
   d = measurement distance in 3 meters.
2. * : Fundamental frequency, the limit was restricted at the output power.

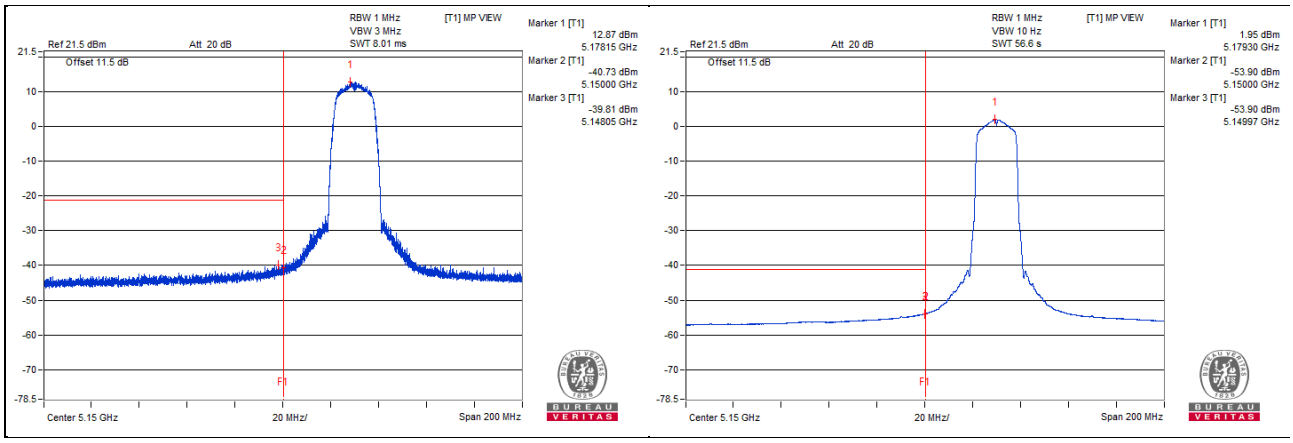

RBW 1 MHz
VBW 3 MHz
SWT 50 ms
[T1] MP VIEW
Marker 1 [T1]
-41.64 dBm
5.18125 GHz
Marker 2 [T1]
-51.65 dBm
5.02187 GHz
Marker 3 [T1]
-52.58 dBm
6.91562 GHz
Ref 11.5 dBm
Att 20 dB
Offset 1.5 dB
Start 1 GHz
1.25 GHz/
Stop 13.5 GHz
RBW 1 MHz
VBW 3 MHz
SWT 46 ms
[T1] MP VIEW
Marker 1 [T1]
-59.92 dBm
19.52312 GHz
Ref 11.5 dBm
Att 10 dB
Offset 1.5 dB
Start 13.5 GHz
1.15 GHz/
Stop 25 GHz
RBW 1 MHz
VBW 3 MHz
SWT 60 ms
[T1] MP VIEW
Marker 1 [T1]
-62.57 dBm
39.86687 GHz
Ref 11.5 dBm
Att 0 dB
Offset 1.5 dB
Start 25 GHz
1.5 GHz/
Stop 40 GHz
RBW 1 MHz
VBW 1 kHz
SWT 35.4 s
[T1] MP VIEW
Marker 1 [T1]
-50.91 dBm
5.17812 GHz
Marker 2 [T1]
-64.89 dBm
4.70000 GHz
Marker 3 [T1]
-67.96 dBm
8.28750 GHz
Ref 1.5 dBm
Att 10 dB
Offset 1.5 dB
Start 1 GHz
1.25 GHz/
Stop 13.5 GHz
RBW 1 MHz
VBW 1 kHz
SWT 32.6 s
[T1] MP VIEW
Marker 1 [T1]
-71.30 dBm
19.87962 GHz
Ref 1.5 dBm
Att 10 dB
Offset 1.5 dB
Start 13.5 GHz
1.15 GHz/
Stop 25 GHz
RBW 1 MHz
VBW 1 kHz
SWT 42.5 s
[T1] MP VIEW
Marker 1 [T1]
-76.34 dBm
39.49937 GHz
Ref 1.5 dBm
Att 0 dB
Offset 1.5 dB
Start 25 GHz
1.5 GHz/
Stop 40 GHz

Bandedge table

No.	Frequency (MHz)	Emission Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Raw Value (dBm)	Correction Factor (dB)	EIRP Level (dBm)
1	5178.15 PK	113.73	*		12.87	5.6	18.47
2	5150 PK	60.13	74	-13.87	-40.73	5.6	-35.13
3	5148.05 PK	61.05	74	-12.95	-39.81	5.6	-34.21
4	5179.3 AV	102.81	*		1.95	5.6	7.55
5	5150 AV	46.96	54	-7.04	-53.9	5.6	-48.3
6	5149.97 AV	46.96	54	-7.04	-53.9	5.6	-48.3

Note :

1. Emission Level (dBuV/m) = EIRP Level (dBm) – 20log(d) + 104.8
   d = measurement distance in 3 meters.
2. * : Fundamental frequency, the limit was restricted at the output power.

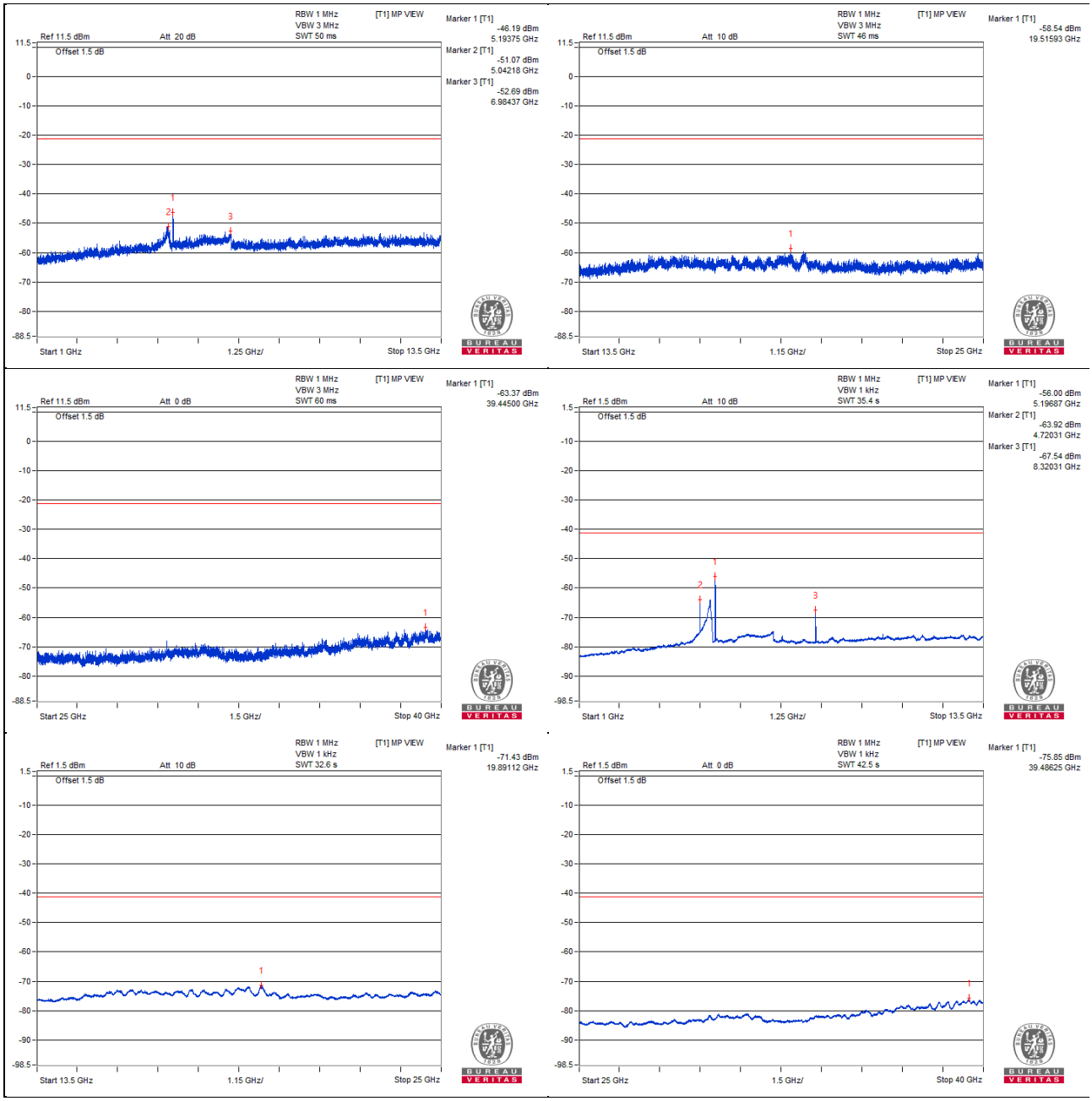


802.11a - Channel 40

Conducted spurious emission table

No.	Frequency (MHz)	Emission Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Raw Value (dBm)	Correction Factor (dB)	EIRP Level (dBm)
1	5193.75 PK	55.37	*		-46.19	6.3	-39.89
2	5042.18 PK	50.49	74	-23.51	-51.07	6.3	-44.77
3	6984.37 PK	48.87	68.2	-19.33	-52.69	6.3	-46.39
4	19515.93 PK	43.02	74	-30.98	-58.54	6.3	-52.24
5	39445 PK	38.19	74	-35.81	-63.37	6.3	-57.07
6	5196.87 AV	45.56	*		-56	6.3	-49.7
7	4720.31 AV	37.64	54	-16.36	-63.92	6.3	-57.62
8	8320.31 AV	34.02	54	-19.98	-67.54	6.3	-61.24
9	19891.12 AV	30.13	54	-23.87	-71.43	6.3	-65.13
10	39486.25 AV	25.71	54	-28.29	-75.85	6.3	-69.55

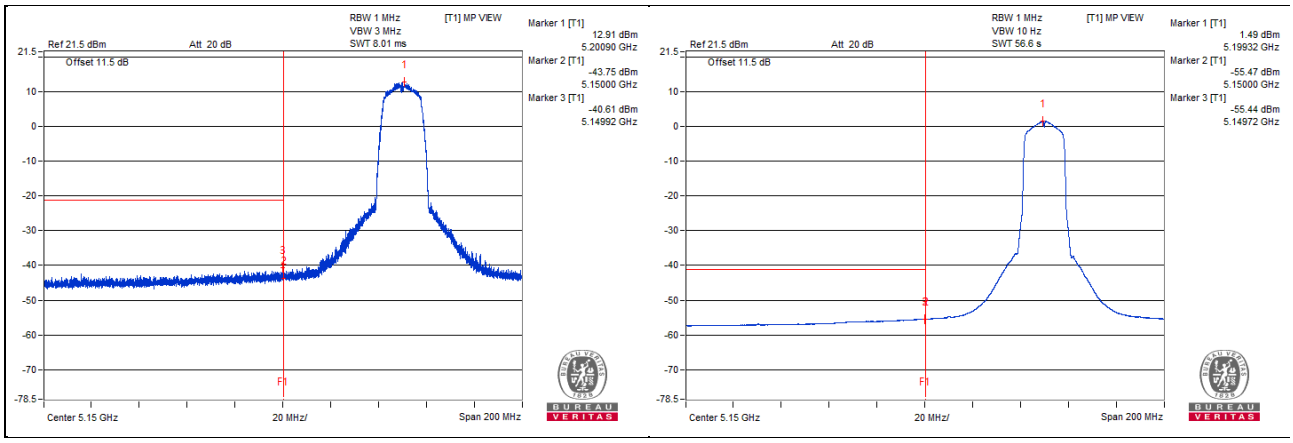
Note :
1. Emission Level (dBuV/m) = EIRP Level (dBm) – 20log(d) + 104.8
   d = measurement distance in 3 meters.
2. * : Fundamental frequency, the limit was restricted at the output power.


RBW 1 MHz
VBW 3 MHz
SWT 50 ms
[T1] MP VIEW
Marker 1 [T1]
-46.19 dBm
5.19375 GHz
Marker 2 [T1]
-51.07 dBm
5.04218 GHz
Marker 3 [T1]
-52.69 dBm
6.98437 GHz
Ref 11.5 dBm
Att 20 dB
Offset 1.5 dB
Start 1 GHz
1.25 GHz/
Stop 13.5 GHz
RBW 1 MHz
VBW 3 MHz
SWT 46 ms
[T1] MP VIEW
Marker 1 [T1]
-58.54 dBm
19.51593 GHz
Ref 11.5 dBm
Att 10 dB
Offset 1.5 dB
Start 13.5 GHz
1.15 GHz/
Stop 25 GHz
RBW 1 MHz
VBW 3 MHz
SWT 60 ms
[T1] MP VIEW
Marker 1 [T1]
-63.37 dBm
39.44500 GHz
Ref 11.5 dBm
Att 0 dB
Offset 1.5 dB
Start 25 GHz
1.5 GHz/
Stop 40 GHz
RBW 1 MHz
VBW 1 kHz
SWT 35.4 s
[T1] MP VIEW
Marker 1 [T1]
-56.00 dBm
5.19687 GHz
Marker 2 [T1]
-63.92 dBm
4.72031 GHz
Marker 3 [T1]
-67.54 dBm
8.32031 GHz
Ref 1.5 dBm
Att 10 dB
Offset 1.5 dB
Start 1 GHz
1.25 GHz/
Stop 13.5 GHz
RBW 1 MHz
VBW 1 kHz
SWT 32.6 s
[T1] MP VIEW
Marker 1 [T1]
-71.43 dBm
19.89112 GHz
Ref 1.5 dBm
Att 10 dB
Offset 1.5 dB
Start 13.5 GHz
1.15 GHz/
Stop 25 GHz
RBW 1 MHz
VBW 1 kHz
SWT 42.5 s
[T1] MP VIEW
Marker 1 [T1]
-75.85 dBm
39.48625 GHz
Ref 1.5 dBm
Att 0 dB
Offset 1.5 dB
Start 25 GHz
1.5 GHz/
Stop 40 GHz

Bandedge table

No.	Frequency (MHz)	Emission Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Raw Value (dBm)	Correction Factor (dB)	EIRP Level (dBm)
1	5200.9 PK	113.77	*		12.91	5.6	18.51
2	5150 PK	57.11	74	-16.89	-43.75	5.6	-38.15
3	5149.92 PK	60.25	74	-13.75	-40.61	5.6	-35.01
4	5199.32 AV	102.35	*		1.49	5.6	7.09
5	5150 AV	45.39	54	-8.61	-55.47	5.6	-49.87
6	5149.72 AV	45.42	54	-8.58	-55.44	5.6	-49.84

Note :
1. Emission Level (dBuV/m) = EIRP Level (dBm) – 20log(d) + 104.8
   d = measurement distance in 3 meters.
2. * : Fundamental frequency, the limit was restricted at the output power.

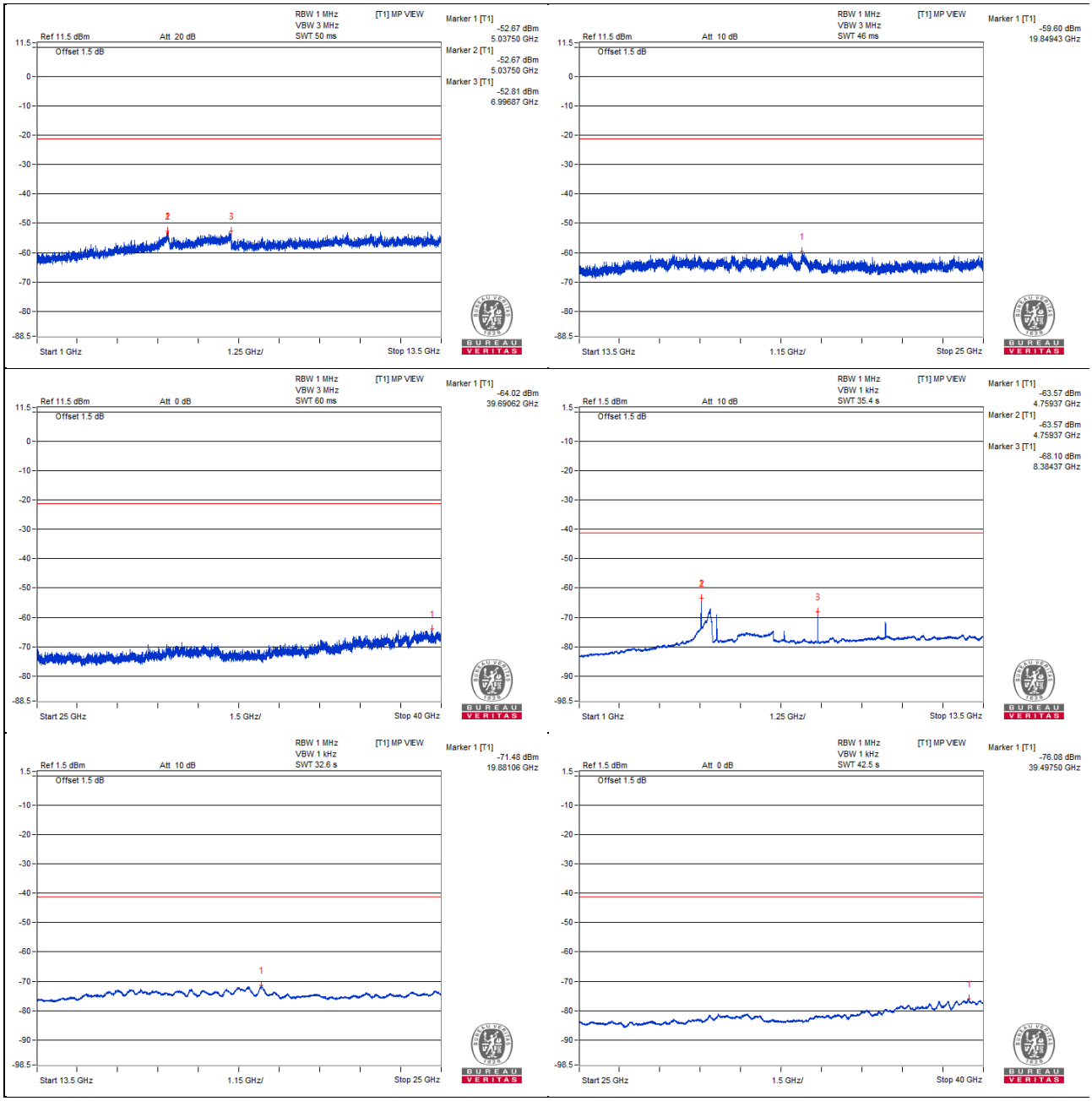


802.11a - Channel 48

Conducted spurious emission table

No.	Frequency (MHz)	Emission Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Raw Value (dBm)	Correction Factor (dB)	EIRP Level (dBm)
1	5037.5 PK	48.89	74	-25.11	-52.67	6.3	-46.37
2	5037.5 PK	48.89	74	-25.11	-52.67	6.3	-46.37
3	6996.87 PK	48.75	68.2	-19.45	-52.81	6.3	-46.51
4	19849.43 PK	41.96	74	-32.04	-59.6	6.3	-53.3
5	39690.62 PK	37.54	74	-36.46	-64.02	6.3	-57.72
6	4759.37 AV	37.99	54	-16.01	-63.57	6.3	-57.27
7	4759.37 AV	37.99	54	-16.01	-63.57	6.3	-57.27
8	8384.37 AV	33.46	54	-20.54	-68.1	6.3	-61.8
9	19881.06 AV	30.08	54	-23.92	-71.48	6.3	-65.18
10	39497.5 AV	25.48	54	-28.52	-76.08	6.3	-69.78

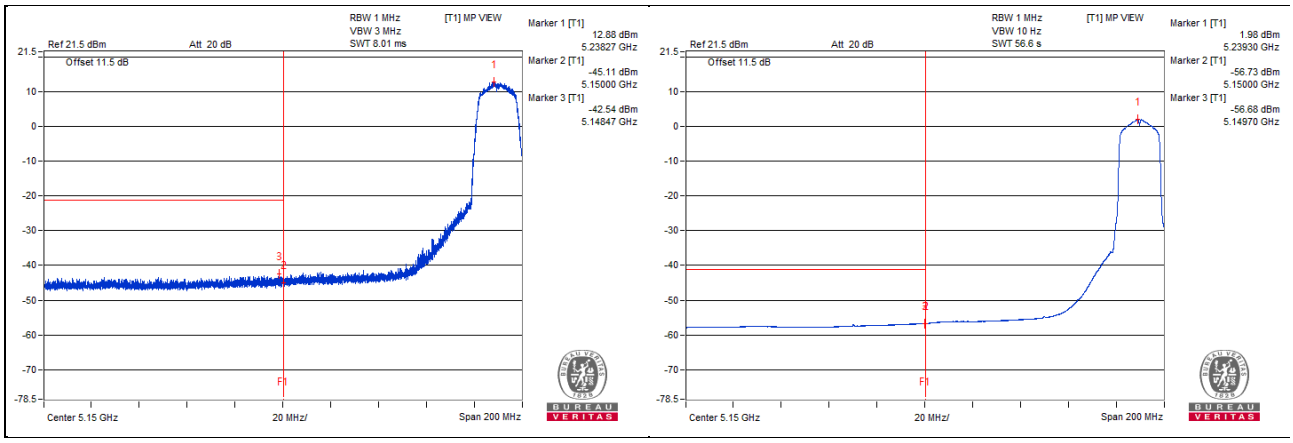
Note :
1. Emission Level (dBuV/m) = EIRP Level (dBm) – 20log(d) + 104.8
   d = measurement distance in 3 meters.


RBW 1 MHz
VBW 3 MHz
SWT 50 ms
[T1] MP VIEW
Marker 1 [T1]
-52.67 dBm
5.03750 GHz
Marker 2 [T1]
-52.67 dBm
5.03750 GHz
Marker 3 [T1]
-52.81 dBm
6.99687 GHz
Ref 11.5 dBm
Att 20 dB
Offset 1.5 dB
Start 1 GHz
1.25 GHz/
Stop 13.5 GHz
RBW 1 MHz
VBW 3 MHz
SWT 46 ms
[T1] MP VIEW
Marker 1 [T1]
-59.60 dBm
19.84943 GHz
Ref 11.5 dBm
Att 10 dB
Offset 1.5 dB
Start 13.5 GHz
1.15 GHz/
Stop 25 GHz
RBW 1 MHz
VBW 3 MHz
SWT 60 ms
[T1] MP VIEW
Marker 1 [T1]
-64.02 dBm
39.69062 GHz
Ref 11.5 dBm
Att 0 dB
Offset 1.5 dB
Start 25 GHz
1.5 GHz/
Stop 40 GHz
RBW 1 MHz
VBW 1 kHz
SWT 35.4 s
[T1] MP VIEW
Marker 1 [T1]
-63.57 dBm
4.75937 GHz
Marker 2 [T1]
-63.57 dBm
4.75937 GHz
Marker 3 [T1]
-68.10 dBm
8.38437 GHz
Ref 1.5 dBm
Att 10 dB
Offset 1.5 dB
Start 1 GHz
1.25 GHz/
Stop 13.5 GHz
RBW 1 MHz
VBW 1 kHz
SWT 32.6 s
[T1] MP VIEW
Marker 1 [T1]
-71.48 dBm
19.88106 GHz
Ref 1.5 dBm
Att 10 dB
Offset 1.5 dB
Start 13.5 GHz
1.15 GHz/
Stop 25 GHz
RBW 1 MHz
VBW 1 kHz
SWT 42.5 s
[T1] MP VIEW
Marker 1 [T1]
-76.08 dBm
39.49750 GHz
Ref 1.5 dBm
Att 0 dB
Offset 1.5 dB
Start 25 GHz
1.5 GHz/
Stop 40 GHz

Bandedge table

No.	Frequency (MHz)	Emission Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Raw Value (dBm)	Correction Factor (dB)	EIRP Level (dBm)
1	5238.27 PK	113.74	*		12.88	5.6	18.48
2	5150 PK	55.75	74	-18.25	-45.11	5.6	-39.51
3	5148.47 PK	58.32	74	-15.68	-42.54	5.6	-36.94
4	5239.3 AV	102.84	*		1.98	5.6	7.58
5	5150 AV	44.13	54	-9.87	-56.73	5.6	-51.13
6	5149.7 AV	44.18	54	-9.82	-56.68	5.6	-51.08

Note :
1. Emission Level (dBuV/m) = EIRP Level (dBm) – 20log(d) + 104.8
   d = measurement distance in 3 meters.
2. * : Fundamental frequency, the limit was restricted at the output power.

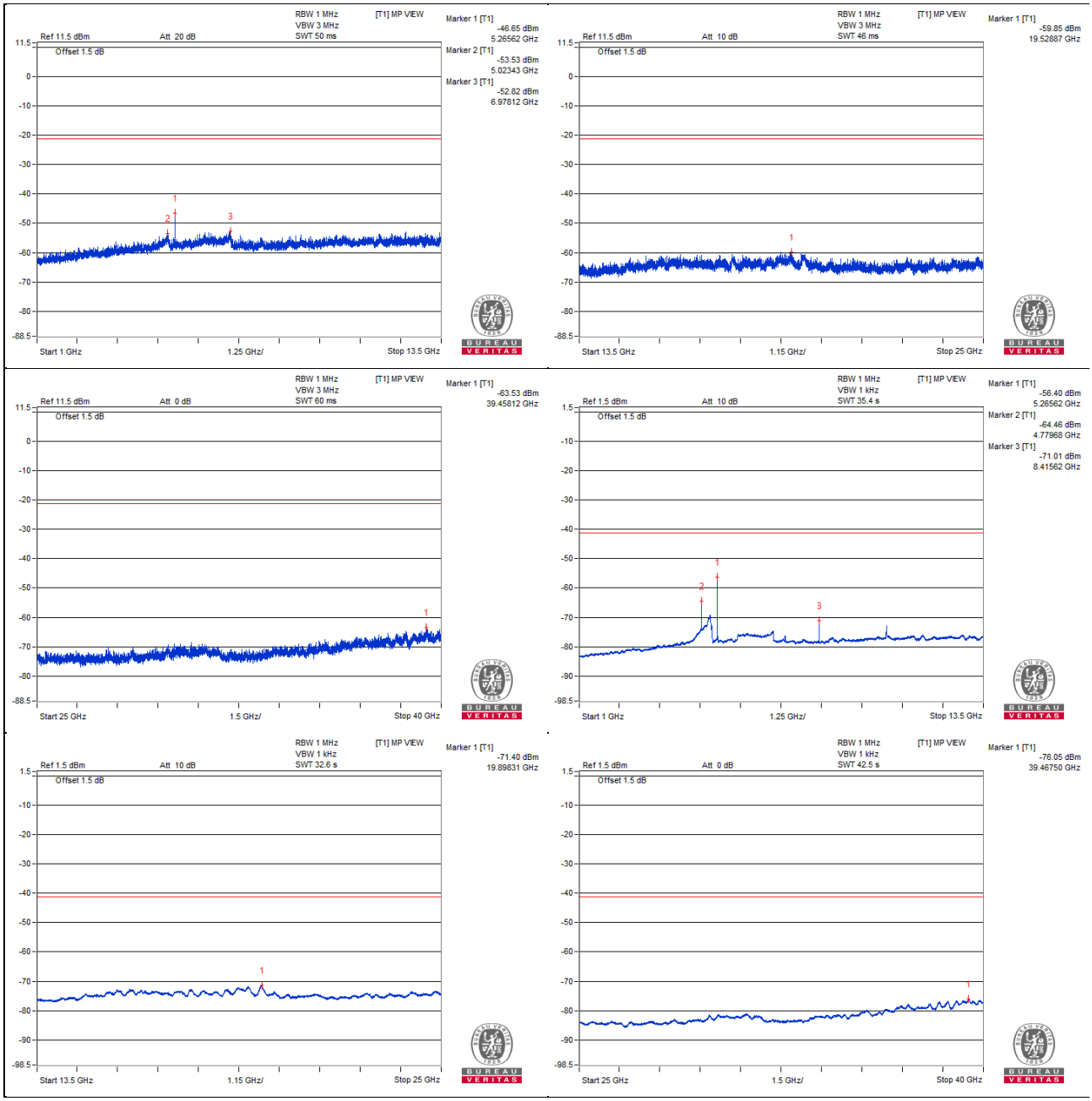


802.11a - Channel 52

Conducted spurious emission table

No.	Frequency (MHz)	Emission Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Raw Value (dBm)	Correction Factor (dB)	EIRP Level (dBm)
1	5265.62 PK	54.91	*		-46.65	6.3	-40.35
2	5023.43 PK	48.03	74	-25.97	-53.53	6.3	-47.23
3	6978.12 PK	48.74	68.2	-19.46	-52.82	6.3	-46.52
4	19528.87 PK	41.71	74	-32.29	-59.85	6.3	-53.55
5	39458.12 PK	38.03	74	-35.97	-63.53	6.3	-57.23
6	5265.62 AV	45.16	*		-56.4	6.3	-50.1
7	4779.68 AV	37.1	54	-16.9	-64.46	6.3	-58.16
8	8415.62 AV	30.55	54	-23.45	-71.01	6.3	-64.71
9	19898.31 AV	30.16	54	-23.84	-71.4	6.3	-65.1
10	39467.5 AV	25.51	54	-28.49	-76.05	6.3	-69.75

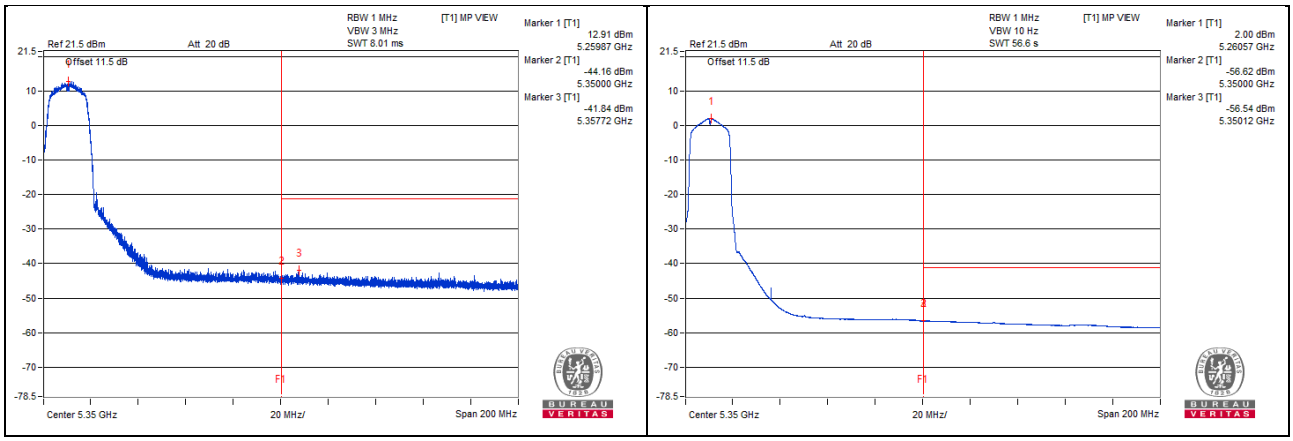
Note :
1. Emission Level (dBuV/m) = EIRP Level (dBm) – 20log(d) + 104.8
   d = measurement distance in 3 meters.
2. * : Fundamental frequency, the limit was restricted at the output power.


RBW 1 MHz
VBW 3 MHz
SWT 50 ms
[T1] MP VIEW
Marker 1 [T1]
-46.65 dBm
5.26562 GHz
Marker 2 [T1]
-53.53 dBm
5.02343 GHz
Marker 3 [T1]
-52.82 dBm
6.97812 GHz
Ref 11.5 dBm
Att 20 dB
Offset 1.5 dB
Start 1 GHz
1.25 GHz/
Stop 13.5 GHz
RBW 1 MHz
VBW 3 MHz
SWT 46 ms
[T1] MP VIEW
Marker 1 [T1]
-59.85 dBm
19.52887 GHz
Ref 11.5 dBm
Att 10 dB
Offset 1.5 dB
Start 13.5 GHz
1.15 GHz/
Stop 25 GHz
RBW 1 MHz
VBW 3 MHz
SWT 60 ms
[T1] MP VIEW
Marker 1 [T1]
-63.53 dBm
39.45812 GHz
Ref 11.5 dBm
Att 0 dB
Offset 1.5 dB
Start 25 GHz
1.5 GHz/
Stop 40 GHz
RBW 1 MHz
VBW 1 kHz
SWT 35.4 s
[T1] MP VIEW
Marker 1 [T1]
-56.40 dBm
5.26562 GHz
Marker 2 [T1]
-64.46 dBm
4.77968 GHz
Marker 3 [T1]
-71.01 dBm
8.41562 GHz
Ref 1.5 dBm
Att 10 dB
Offset 1.5 dB
Start 1 GHz
1.25 GHz/
Stop 13.5 GHz
RBW 1 MHz
VBW 1 kHz
SWT 32.6 s
[T1] MP VIEW
Marker 1 [T1]
-71.40 dBm
19.89831 GHz
Ref 1.5 dBm
Att 10 dB
Offset 1.5 dB
Start 13.5 GHz
1.15 GHz/
Stop 25 GHz
RBW 1 MHz
VBW 1 kHz
SWT 42.5 s
[T1] MP VIEW
Marker 1 [T1]
-76.05 dBm
39.46750 GHz
Ref 1.5 dBm
Att 0 dB
Offset 1.5 dB
Start 25 GHz
1.5 GHz/
Stop 40 GHz

Bandedge table

No.	Frequency (MHz)	Emission Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Raw Value (dBm)	Correction Factor (dB)	EIRP Level (dBm)
1	5259.87 PK	114.14	*		12.91	5.97	18.88
2	5350 PK	57.07	74	-16.93	-44.16	5.97	-38.19
3	5357.72 PK	59.39	74	-14.61	-41.84	5.97	-35.87
4	5260.57 AV	103.23	*		2	5.97	7.97
5	5350 AV	44.61	54	-9.39	-56.62	5.97	-50.65
6	5350.12 AV	44.69	54	-9.31	-56.54	5.97	-50.57

Note :
1. Emission Level (dBuV/m) = EIRP Level (dBm) – 20log(d) + 104.8
   d = measurement distance in 3 meters.
2. * : Fundamental frequency, the limit was restricted at the output power.

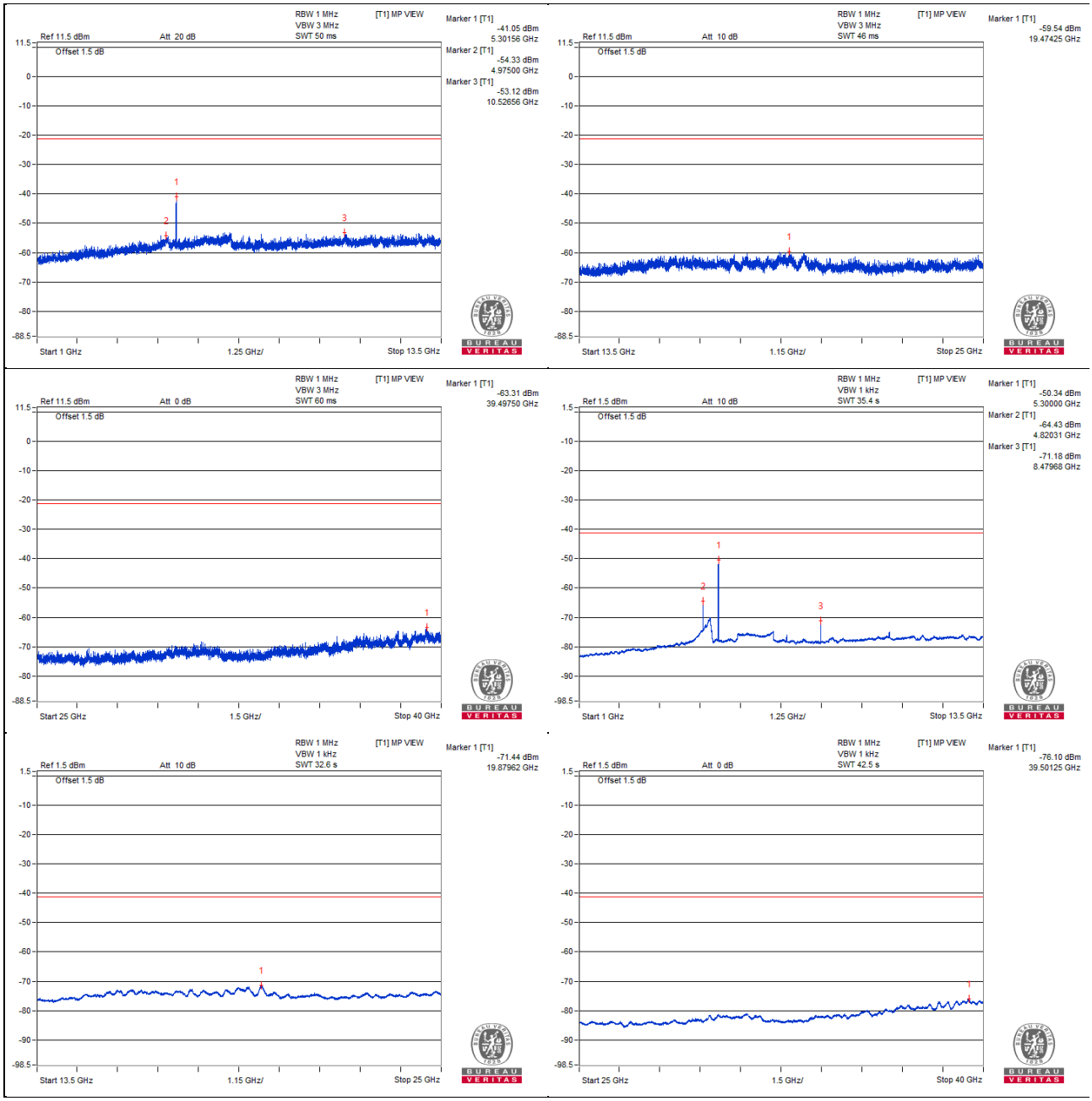


802.11a - Channel 60

Conducted spurious emission table

No.	Frequency (MHz)	Emission Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Raw Value (dBm)	Correction Factor (dB)	EIRP Level (dBm)
1	5301.56 PK	60.51	*		-41.05	6.3	-34.75
2	4975 PK	47.23	74	-26.77	-54.33	6.3	-48.03
3	10526.56 PK	48.44	68.2	-19.76	-53.12	6.3	-46.82
4	19474.25 PK	42.02	74	-31.98	-59.54	6.3	-53.24
5	39497.5 PK	38.25	74	-35.75	-63.31	6.3	-57.01
6	5300 AV	51.22	*		-50.34	6.3	-44.04
7	4820.31 AV	37.13	54	-16.87	-64.43	6.3	-58.13
8	8479.68 AV	30.38	54	-23.62	-71.18	6.3	-64.88
9	19879.62 AV	30.12	54	-23.88	-71.44	6.3	-65.14
10	39501.25 AV	25.46	54	-28.54	-76.1	6.3	-69.8

Note :
1. Emission Level (dBuV/m) = EIRP Level (dBm) – 20log(d) + 104.8
   d = measurement distance in 3 meters.
2. * : Fundamental frequency, the limit was restricted at the output power.

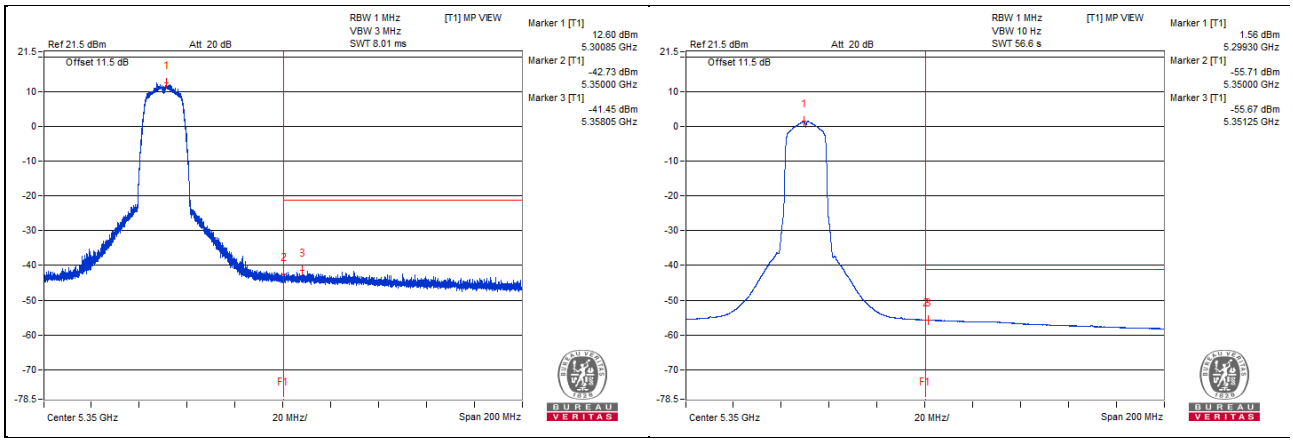

RBW 1 MHz
VBW 3 MHz
SWT 50 ms
[T1] MP VIEW
Marker 1 [T1]
-41.05 dBm
5.30156 GHz
Marker 2 [T1]
-54.33 dBm
4.97500 GHz
Marker 3 [T1]
-53.12 dBm
10.52656 GHz
Ref 11.5 dBm
Att 20 dB
Offset 1.5 dB
Start 1 GHz
1.25 GHz/
Stop 13.5 GHz
RBW 1 MHz
VBW 3 MHz
SWT 46 ms
[T1] MP VIEW
Marker 1 [T1]
-59.54 dBm
19.47425 GHz
Ref 11.5 dBm
Att 10 dB
Offset 1.5 dB
Start 13.5 GHz
1.15 GHz/
Stop 25 GHz
RBW 1 MHz
VBW 3 MHz
SWT 60 ms
[T1] MP VIEW
Marker 1 [T1]
-63.31 dBm
39.49750 GHz
Ref 11.5 dBm
Att 0 dB
Offset 1.5 dB
Start 25 GHz
1.5 GHz/
Stop 40 GHz
RBW 1 MHz
VBW 1 kHz
SWT 35.4 s
[T1] MP VIEW
Marker 1 [T1]
-50.34 dBm
5.30000 GHz
Marker 2 [T1]
-64.43 dBm
4.82031 GHz
Marker 3 [T1]
-71.18 dBm
8.47968 GHz
Ref 1.5 dBm
Att 10 dB
Offset 1.5 dB
Start 1 GHz
1.25 GHz/
Stop 13.5 GHz
RBW 1 MHz
VBW 1 kHz
SWT 32.6 s
[T1] MP VIEW
Marker 1 [T1]
-71.44 dBm
19.87962 GHz
Ref 1.5 dBm
Att 10 dB
Offset 1.5 dB
Start 13.5 GHz
1.15 GHz/
Stop 25 GHz
RBW 1 MHz
VBW 1 kHz
SWT 42.5 s
[T1] MP VIEW
Marker 1 [T1]
-76.10 dBm
39.50125 GHz
Ref 1.5 dBm
Att 0 dB
Offset 1.5 dB
Start 25 GHz
1.5 GHz/
Stop 40 GHz

Bandedge table

No.	Frequency (MHz)	Emission Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Raw Value (dBm)	Correction Factor (dB)	EIRP Level (dBm)
1	5300.85 PK	113.83	*		12.6	5.97	18.57
2	5350 PK	58.5	74	-15.5	-42.73	5.97	-36.76
3	5358.05 PK	59.78	74	-14.22	-41.45	5.97	-35.48
4	5299.3 AV	102.79	*		1.56	5.97	7.53
5	5350 AV	45.52	54	-8.48	-55.71	5.97	-49.74
6	5351.25 AV	45.56	54	-8.44	-55.67	5.97	-49.7

Note :

1. Emission Level (dBuV/m) = EIRP Level (dBm) – 20log(d) + 104.8
   d = measurement distance in 3 meters.
2. * : Fundamental frequency, the limit was restricted at the output power.

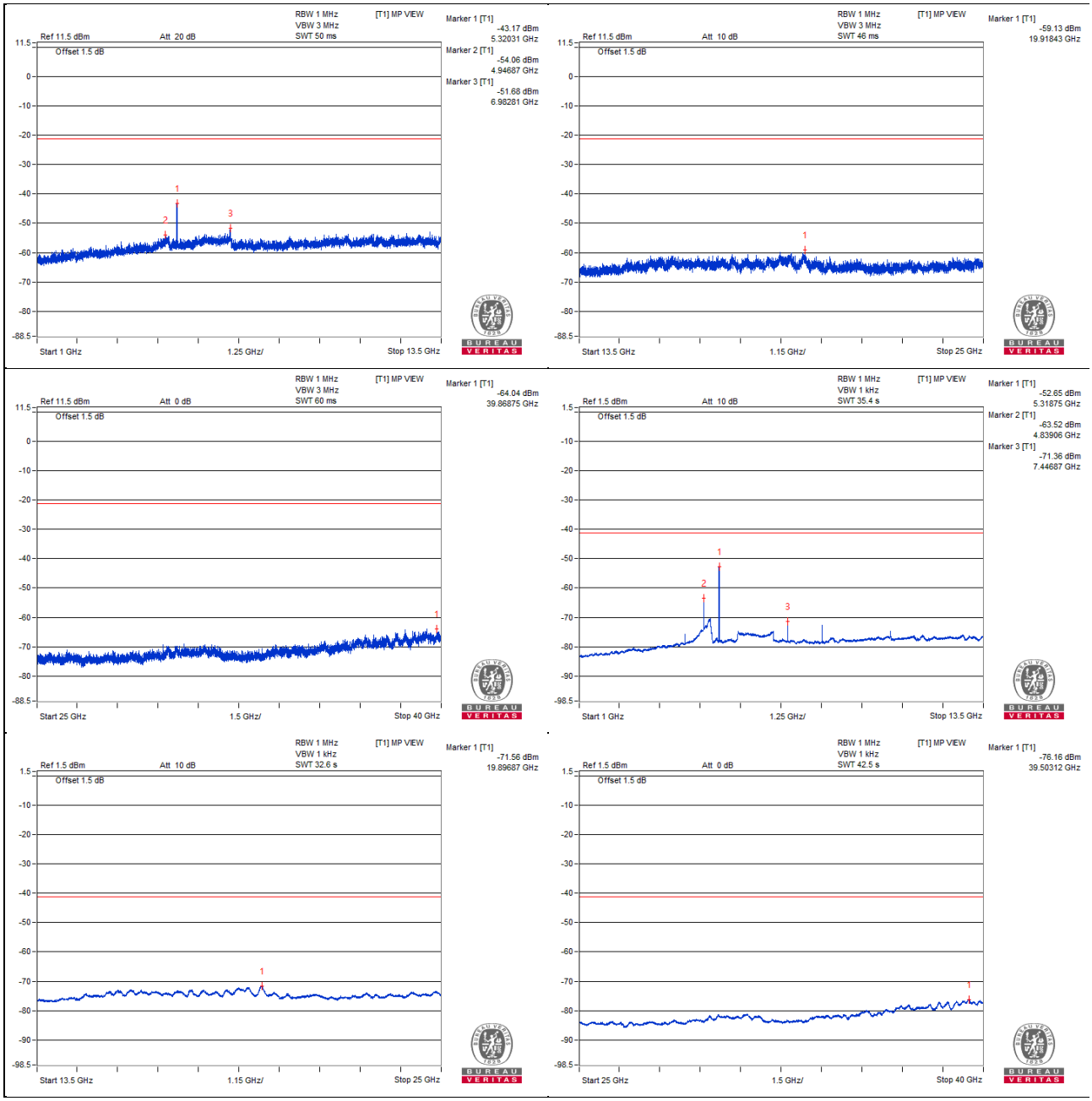


802.11a - Channel 64

Conducted spurious emission table

No.	Frequency (MHz)	Emission Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Raw Value (dBm)	Correction Factor (dB)	EIRP Level (dBm)
1	5320.31 PK	58.39	*		-43.17	6.3	-36.87
2	4946.87 PK	47.5	74	-26.5	-54.06	6.3	-47.76
3	6982.81 PK	49.88	68.2	-18.32	-51.68	6.3	-45.38
4	19918.43 PK	42.43	74	-31.57	-59.13	6.3	-52.83
5	39868.75 PK	37.52	74	-36.48	-64.04	6.3	-57.74
6	5318.75 AV	48.91	*		-52.65	6.3	-46.35
7	4839.06 AV	38.04	54	-15.96	-63.52	6.3	-57.22
8	7446.87 AV	30.2	54	-23.8	-71.36	6.3	-65.06
9	19896.87 AV	30	54	-24	-71.56	6.3	-65.26
10	39503.12 AV	25.4	54	-28.6	-76.16	6.3	-69.86

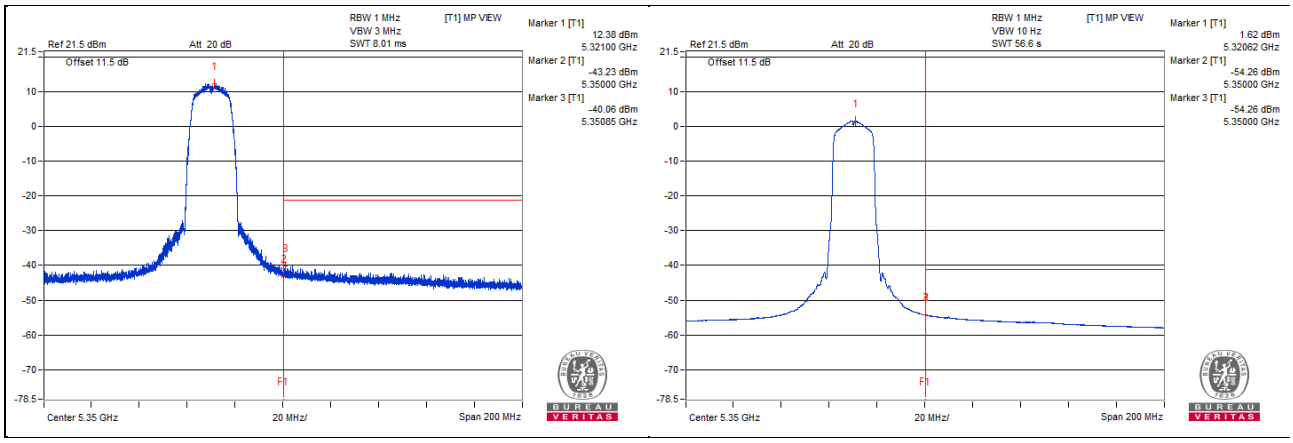
Note :
1. Emission Level (dBuV/m) = EIRP Level (dBm) – 20log(d) + 104.8
   d = measurement distance in 3 meters.
2. * : Fundamental frequency, the limit was restricted at the output power.


RBW 1 MHz
VBW 3 MHz
SWT 50 ms
[T1] MP VIEW
Marker 1 [T1]
-43.17 dBm
5.32031 GHz
Marker 2 [T1]
-54.06 dBm
4.94687 GHz
Marker 3 [T1]
-51.68 dBm
6.98281 GHz
Ref 11.5 dBm
Att 20 dB
Offset 1.5 dB
Start 1 GHz
1.25 GHz/
Stop 13.5 GHz
RBW 1 MHz
VBW 3 MHz
SWT 46 ms
[T1] MP VIEW
Marker 1 [T1]
-59.13 dBm
19.91843 GHz
Ref 11.5 dBm
Att 10 dB
Offset 1.5 dB
Start 13.5 GHz
1.15 GHz/
Stop 25 GHz
RBW 1 MHz
VBW 3 MHz
SWT 60 ms
[T1] MP VIEW
Marker 1 [T1]
-64.04 dBm
39.86875 GHz
Ref 11.5 dBm
Att 0 dB
Offset 1.5 dB
Start 25 GHz
1.5 GHz/
Stop 40 GHz
RBW 1 MHz
VBW 1 kHz
SWT 35.4 s
[T1] MP VIEW
Marker 1 [T1]
-52.65 dBm
5.31875 GHz
Marker 2 [T1]
-63.52 dBm
4.83906 GHz
Marker 3 [T1]
-71.36 dBm
7.44687 GHz
Ref 1.5 dBm
Att 10 dB
Offset 1.5 dB
Start 1 GHz
1.25 GHz/
Stop 13.5 GHz
RBW 1 MHz
VBW 1 kHz
SWT 32.6 s
[T1] MP VIEW
Marker 1 [T1]
-71.56 dBm
19.89687 GHz
Ref 1.5 dBm
Att 10 dB
Offset 1.5 dB
Start 13.5 GHz
1.15 GHz/
Stop 25 GHz
RBW 1 MHz
VBW 1 kHz
SWT 42.5 s
[T1] MP VIEW
Marker 1 [T1]
-76.16 dBm
39.50312 GHz
Ref 1.5 dBm
Att 0 dB
Offset 1.5 dB
Start 25 GHz
1.5 GHz/
Stop 40 GHz

Bandedge table

No.	Frequency (MHz)	Emission Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Raw Value (dBm)	Correction Factor (dB)	EIRP Level (dBm)
1	5321 PK	113.61	*		12.38	5.97	18.35
2	5350 PK	58	74	-16	-43.23	5.97	-37.26
3	5350.85 PK	61.17	74	-12.83	-40.06	5.97	-34.09
4	5320.62 AV	102.85	*		1.62	5.97	7.59
5	5350 AV	46.97	54	-7.03	-54.26	5.97	-48.29
6	5350 AV	46.97	54	-7.03	-54.26	5.97	-48.29

Note :
1. Emission Level (dBuV/m) = EIRP Level (dBm) – 20log(d) + 104.8
   d = measurement distance in 3 meters.
2. * : Fundamental frequency, the limit was restricted at the output power.

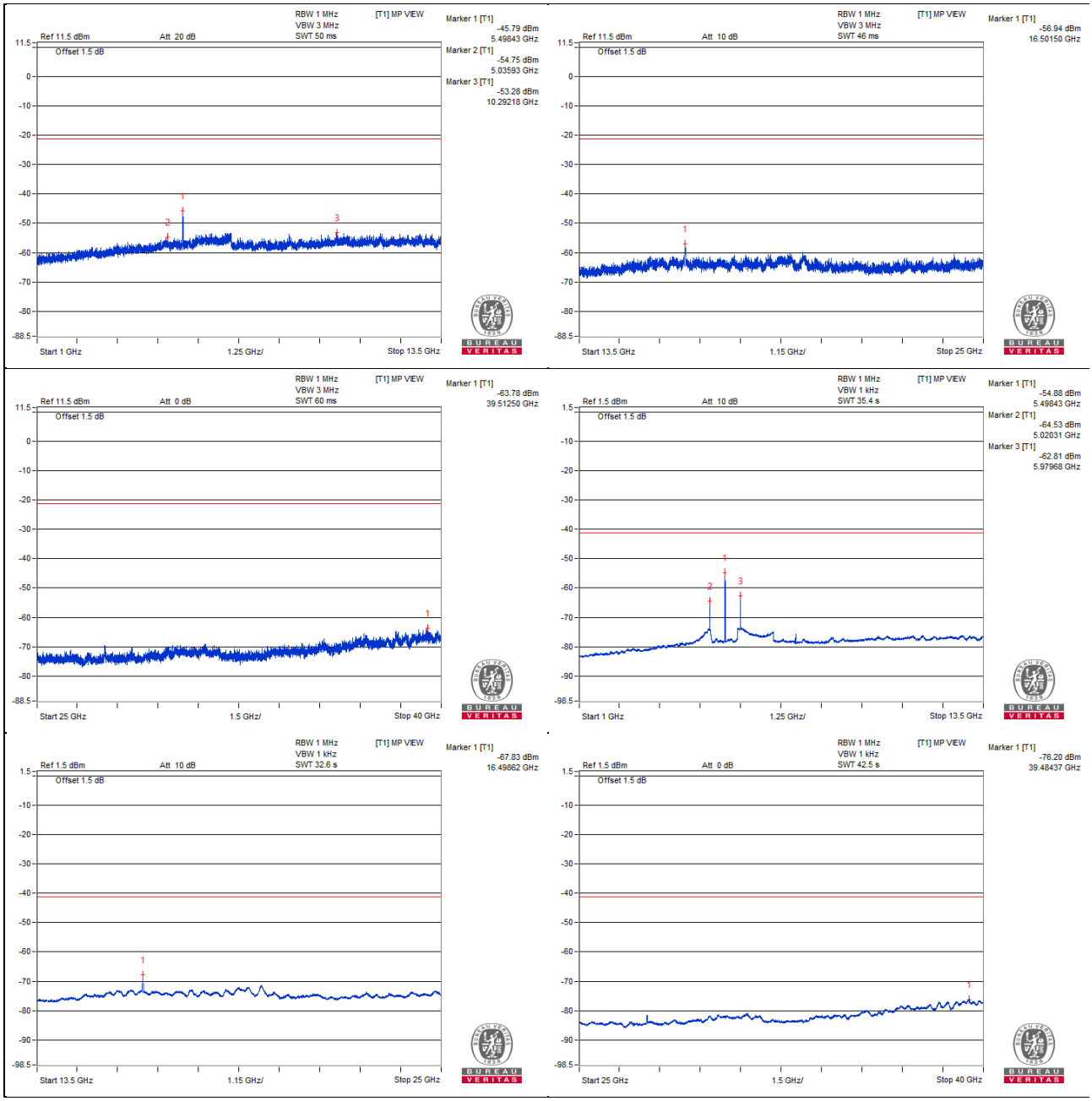


802.11a - Channel 100

Conducted spurious emission table

No.	Frequency (MHz)	Emission Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Raw Value (dBm)	Correction Factor (dB)	EIRP Level (dBm)
1	5498.43 PK	55.77	*		-45.79	6.3	-39.49
2	5035.93 PK	46.81	74	-27.19	-54.75	6.3	-48.45
3	10292.18 PK	48.28	68.2	-19.92	-53.28	6.3	-46.98
4	16501.5 PK	44.62	68.2	-23.58	-56.94	6.3	-50.64
5	39512.5 PK	37.78	74	-36.22	-63.78	6.3	-57.48
6	5498.43 AV	46.68	*		-54.88	6.3	-48.58
7	5020.31 AV	37.03	54	-16.97	-64.53	6.3	-58.23
8	5979.68 AV	38.75	#		-62.81	6.3	-56.51
9	16498.62 AV	33.73	#		-67.83	6.3	-61.53
10	39484.37 AV	25.36	54	-28.64	-76.2	6.3	-69.9

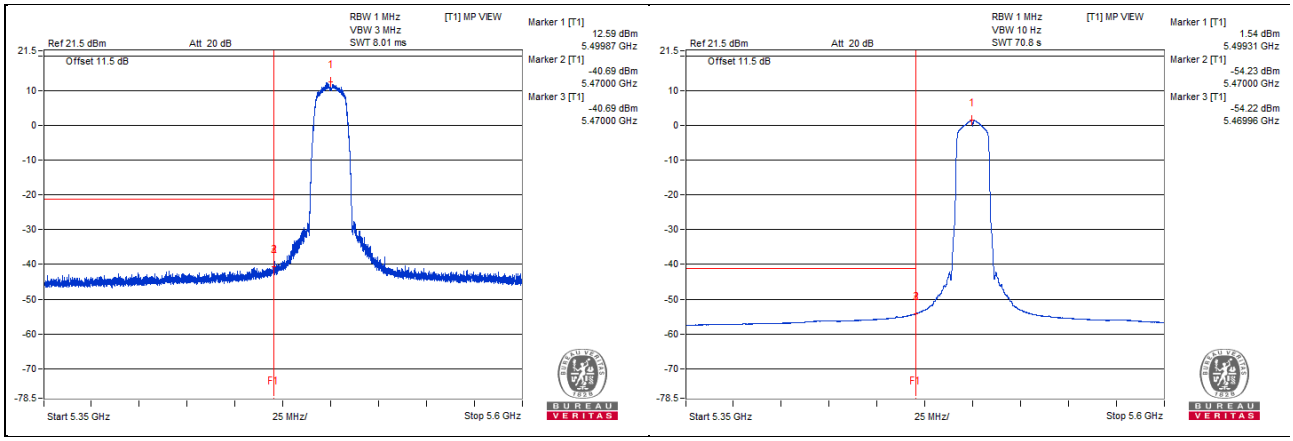
Note :
1. Emission Level (dBuV/m) = EIRP Level (dBm) – 20log(d) + 104.8
   d = measurement distance in 3 meters.
2. * : Fundamental frequency, the limit was restricted at the output power.
3. # : Non-restricted frequency, no limit for average emission.


RBW 1 MHz
VBW 3 MHz
SWT 50 ms
[T1] MP VIEW
Marker 1 [T1]
-45.79 dBm
5.49843 GHz
Marker 2 [T1]
-54.75 dBm
5.03593 GHz
Marker 3 [T1]
-53.28 dBm
10.29218 GHz
Ref 11.5 dBm
Att 20 dB
Offset 1.5 dB
Start 1 GHz
1.25 GHz/
Stop 13.5 GHz
RBW 1 MHz
VBW 3 MHz
SWT 46 ms
[T1] MP VIEW
Marker 1 [T1]
-56.94 dBm
16.50150 GHz
Ref 11.5 dBm
Att 10 dB
Offset 1.5 dB
Start 13.5 GHz
1.15 GHz/
Stop 25 GHz
RBW 1 MHz
VBW 3 MHz
SWT 60 ms
[T1] MP VIEW
Marker 1 [T1]
-63.78 dBm
39.51250 GHz
Ref 11.5 dBm
Att 0 dB
Offset 1.5 dB
Start 25 GHz
1.5 GHz/
Stop 40 GHz
RBW 1 MHz
VBW 1 kHz
SWT 35.4 s
[T1] MP VIEW
Marker 1 [T1]
-54.88 dBm
5.49843 GHz
Marker 2 [T1]
-64.53 dBm
5.02031 GHz
Marker 3 [T1]
-62.81 dBm
5.97968 GHz
Ref 1.5 dBm
Att 10 dB
Offset 1.5 dB
Start 1 GHz
1.25 GHz/
Stop 13.5 GHz
RBW 1 MHz
VBW 1 kHz
SWT 32.6 s
[T1] MP VIEW
Marker 1 [T1]
-67.83 dBm
16.49862 GHz
Ref 1.5 dBm
Att 10 dB
Offset 1.5 dB
Start 13.5 GHz
1.15 GHz/
Stop 25 GHz
RBW 1 MHz
VBW 1 kHz
SWT 42.5 s
[T1] MP VIEW
Marker 1 [T1]
-76.20 dBm
39.48437 GHz
Ref 1.5 dBm
Att 0 dB
Offset 1.5 dB
Start 25 GHz
1.5 GHz/
Stop 40 GHz

Bandedge table

No.	Frequency (MHz)	Emission Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Raw Value (dBm)	Correction Factor (dB)	EIRP Level (dBm)
1	5499.87 PK	113.78	*		12.59	5.93	18.52
2	5470 PK	60.5	68.2	-7.7	-40.69	5.93	-34.76
3	5470 PK	60.5	68.2	-7.7	-40.69	5.93	-34.76
4	5499.31 AV	102.73	*		1.54	5.93	7.47
5	5470 AV	46.96	#		-54.23	5.93	-48.3
6	5469.96 AV	46.97	#		-54.22	5.93	-48.29

Note :
1. Emission Level (dBuV/m) = EIRP Level (dBm) – 20log(d) + 104.8
   d = measurement distance in 3 meters.
2. * : Fundamental frequency, the limit was restricted at the output power.
3. # : Non-restricted frequency, no limit for average emission.

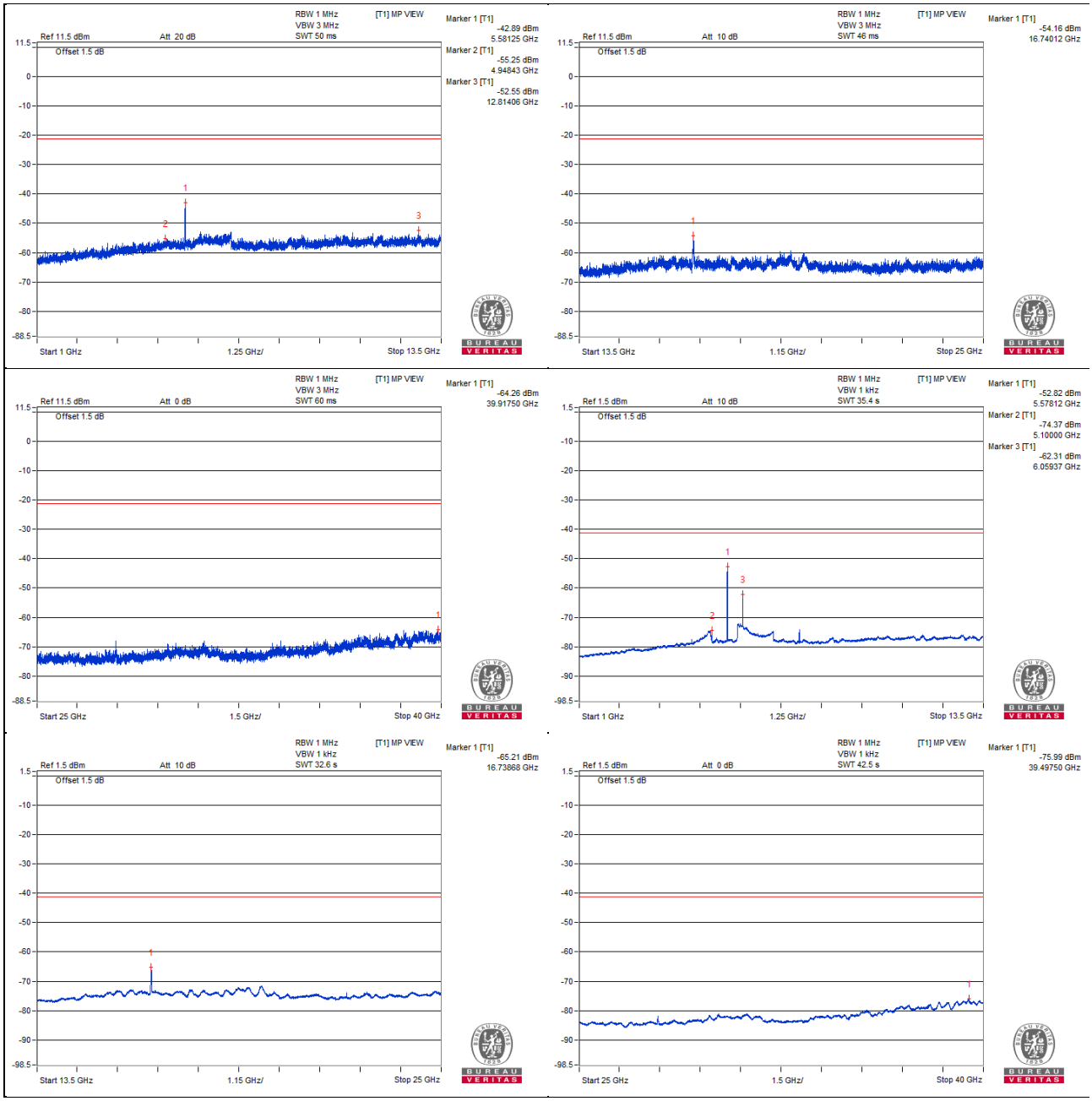


802.11a - Channel 116

Conducted spurious emission table

No.	Frequency (MHz)	Emission Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Raw Value (dBm)	Correction Factor (dB)	EIRP Level (dBm)
1	5581.25 PK	58.67	*		-42.89	6.3	-36.59
2	4948.43 PK	46.31	74	-27.69	-55.25	6.3	-48.95
3	12814.06 PK	49.01	68.2	-19.19	-52.55	6.3	-46.25
4	16740.12 PK	47.4	68.2	-20.8	-54.16	6.3	-47.86
5	39917.5 PK	37.3	74	-36.7	-64.26	6.3	-57.96
6	5578.12 AV	48.74	*		-52.82	6.3	-46.52
7	5100 AV	27.19	54	-26.81	-74.37	6.3	-68.07
8	6059.37 AV	39.25	#		-62.31	6.3	-56.01
9	16738.68 AV	36.35	#		-65.21	6.3	-58.91
10	39497.5 AV	25.57	54	-28.43	-75.99	6.3	-69.69

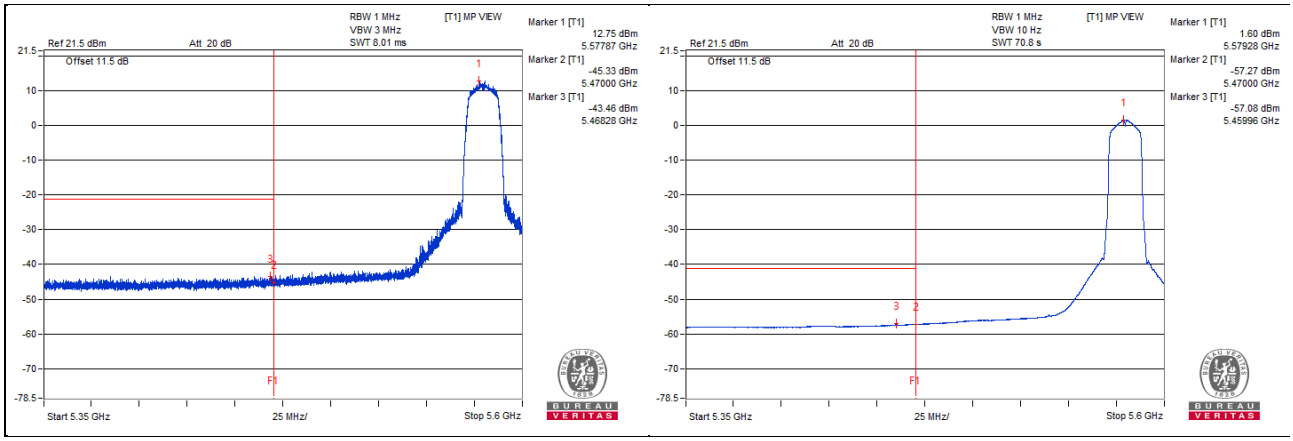
Note :
1. Emission Level (dBuV/m) = EIRP Level (dBm) – 20log(d) + 104.8
   d = measurement distance in 3 meters.
2. * : Fundamental frequency, the limit was restricted at the output power.
3. # : Non-restricted frequency, no limit for average emission.


RBW 1 MHz
VBW 3 MHz
SWT 50 ms
[T1] MP VIEW
Marker 1 [T1]
-42.89 dBm
5.58125 GHz
Marker 2 [T1]
-55.25 dBm
4.94843 GHz
Marker 3 [T1]
-52.55 dBm
12.81406 GHz
Ref 11.5 dBm
Att 20 dB
Offset 1.5 dB
Start 1 GHz
1.25 GHz/
Stop 13.5 GHz
RBW 1 MHz
VBW 3 MHz
SWT 46 ms
[T1] MP VIEW
Marker 1 [T1]
-54.16 dBm
16.74012 GHz
Ref 11.5 dBm
Att 10 dB
Offset 1.5 dB
Start 13.5 GHz
1.15 GHz/
Stop 25 GHz
RBW 1 MHz
VBW 3 MHz
SWT 60 ms
[T1] MP VIEW
Marker 1 [T1]
-64.26 dBm
39.91750 GHz
Ref 11.5 dBm
Att 0 dB
Offset 1.5 dB
Start 25 GHz
1.5 GHz/
Stop 40 GHz
RBW 1 MHz
VBW 1 kHz
SWT 35.4 s
[T1] MP VIEW
Marker 1 [T1]
-52.82 dBm
5.57812 GHz
Marker 2 [T1]
-74.37 dBm
5.10000 GHz
Marker 3 [T1]
-62.31 dBm
6.05937 GHz
Ref 1.5 dBm
Att 10 dB
Offset 1.5 dB
Start 1 GHz
1.25 GHz/
Stop 13.5 GHz
RBW 1 MHz
VBW 1 kHz
SWT 32.6 s
[T1] MP VIEW
Marker 1 [T1]
-65.21 dBm
16.73868 GHz
Ref 1.5 dBm
Att 10 dB
Offset 1.5 dB
Start 13.5 GHz
1.15 GHz/
Stop 25 GHz
RBW 1 MHz
VBW 1 kHz
SWT 42.5 s
[T1] MP VIEW
Marker 1 [T1]
-75.99 dBm
39.49750 GHz
Ref 1.5 dBm
Att 0 dB
Offset 1.5 dB
Start 25 GHz
1.5 GHz/
Stop 40 GHz

Bandedge table

No.	Frequency (MHz)	Emission Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Raw Value (dBm)	Correction Factor (dB)	EIRP Level (dBm)
1	5577.87 PK	113.94	*		12.75	5.93	18.68
2	5470 PK	55.86	68.2	-12.34	-45.33	5.93	-39.4
3	5468.28 PK	57.73	68.2	-10.47	-43.46	5.93	-37.53
4	5579.28 AV	102.79	*		1.6	5.93	7.53
5	5470 AV	43.92	#		-57.27	5.93	-51.34
6	5459.96 AV	44.11	54	-9.89	-57.08	5.93	-51.15

Note :
1. Emission Level (dBuV/m) = EIRP Level (dBm) – 20log(d) + 104.8
   d = measurement distance in 3 meters.
2. * : Fundamental frequency, the limit was restricted at the output power.
3. # : Non-restricted frequency, no limit for average emission.

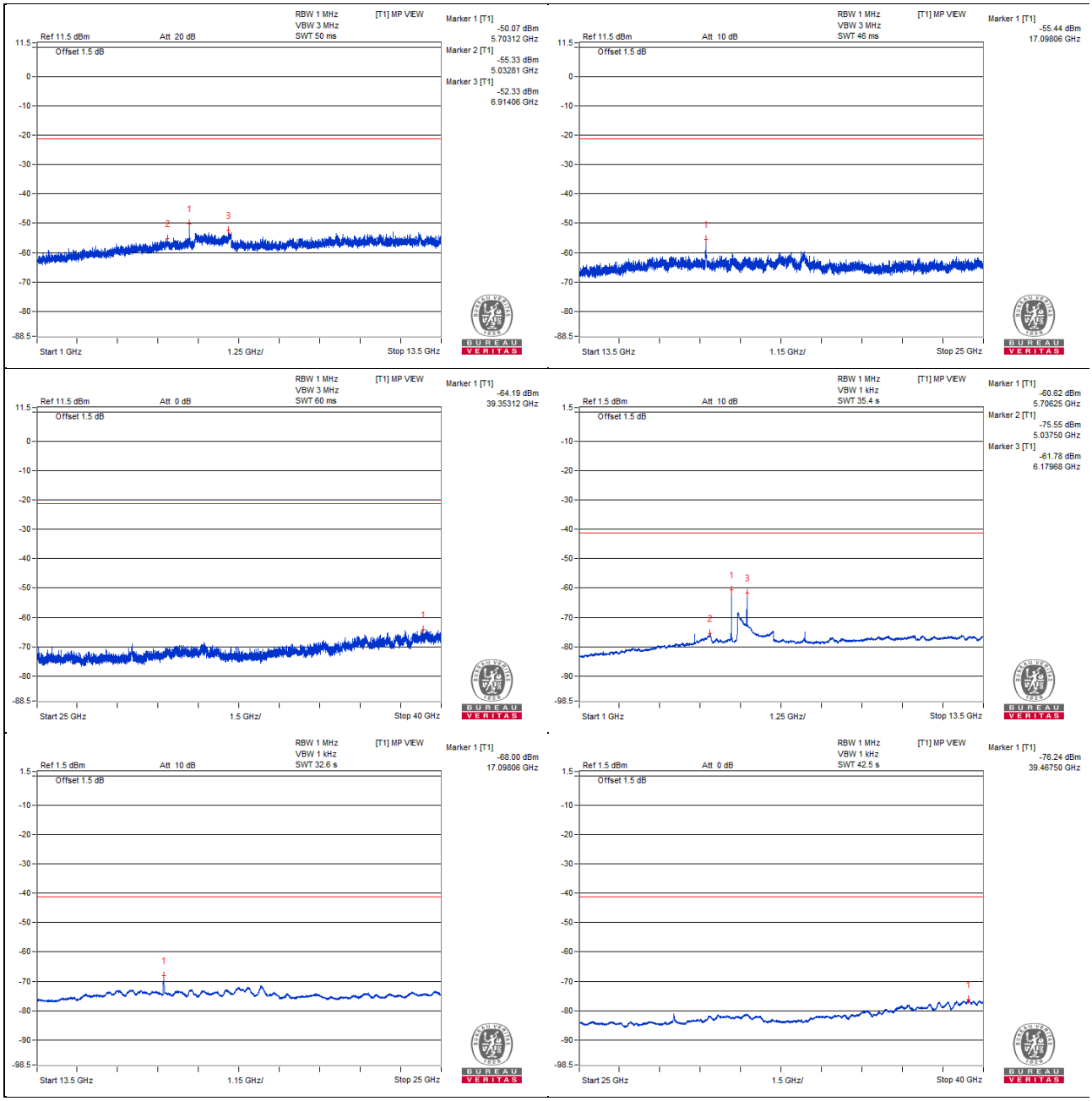


802.11a - Channel 140

Conducted spurious emission table

No.	Frequency (MHz)	Emission Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Raw Value (dBm)	Correction Factor (dB)	EIRP Level (dBm)
1	5703.12 PK	51.49	*		-50.07	6.3	-43.77
2	5032.81 PK	46.23	74	-27.77	-55.33	6.3	-49.03
3	6914.06 PK	49.23	68.2	-18.97	-52.33	6.3	-46.03
4	17098.06 PK	46.12	68.2	-22.08	-55.44	6.3	-49.14
5	39353.12 PK	37.37	74	-36.63	-64.19	6.3	-57.89
6	5706.25 AV	40.94	*		-60.62	6.3	-54.32
7	5037.5 AV	26.01	54	-27.99	-75.55	6.3	-69.25
8	6179.68 AV	39.78	#		-61.78	6.3	-55.48
9	17098.06 AV	33.56	#		-68	6.3	-61.7
10	39467.5 AV	25.32	54	-28.68	-76.24	6.3	-69.94

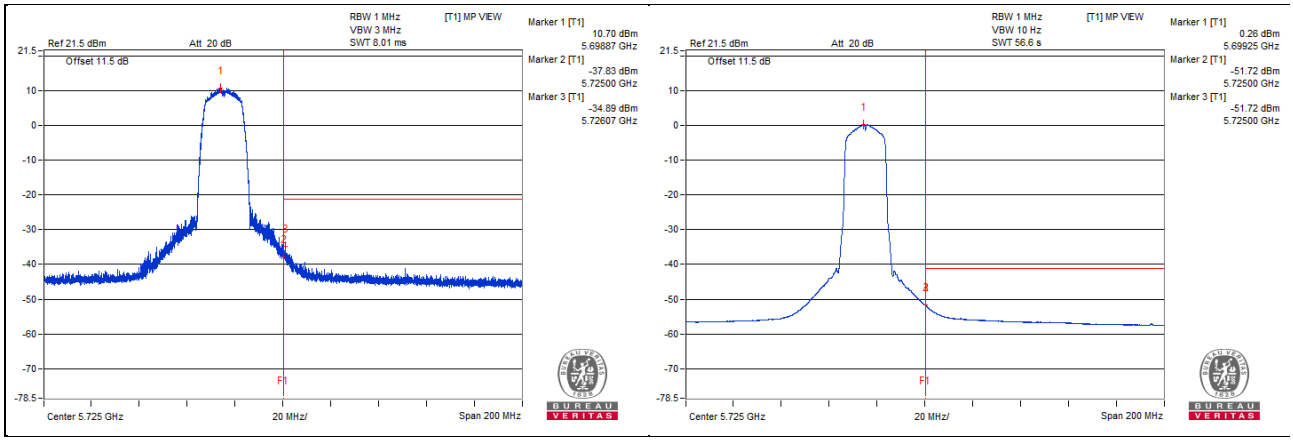
Note :
1. Emission Level (dBuV/m) = EIRP Level (dBm) – 20log(d) + 104.8
   d = measurement distance in 3 meters.
2. * : Fundamental frequency, the limit was restricted at the output power.
3. # : Non-restricted frequency, no limit for average emission.


RBW 1 MHz
VBW 3 MHz
SWT 50 ms
[T1] MP VIEW
Marker 1 [T1]
-50.07 dBm
5.70312 GHz
Marker 2 [T1]
-55.33 dBm
5.03281 GHz
Marker 3 [T1]
-52.33 dBm
6.91406 GHz
Ref 11.5 dBm
Att 20 dB
Offset 1.5 dB
Start 1 GHz
1.25 GHz/
Stop 13.5 GHz
RBW 1 MHz
VBW 3 MHz
SWT 46 ms
[T1] MP VIEW
Marker 1 [T1]
-55.44 dBm
17.09806 GHz
Ref 11.5 dBm
Att 10 dB
Offset 1.5 dB
Start 13.5 GHz
1.15 GHz/
Stop 25 GHz
RBW 1 MHz
VBW 3 MHz
SWT 60 ms
[T1] MP VIEW
Marker 1 [T1]
-64.19 dBm
39.35312 GHz
Ref 11.5 dBm
Att 0 dB
Offset 1.5 dB
Start 25 GHz
1.5 GHz/
Stop 40 GHz
RBW 1 MHz
VBW 1 kHz
SWT 35.4 s
[T1] MP VIEW
Marker 1 [T1]
-60.62 dBm
5.70625 GHz
Marker 2 [T1]
-75.55 dBm
5.03750 GHz
Marker 3 [T1]
-61.78 dBm
6.17968 GHz
Ref 1.5 dBm
Att 10 dB
Offset 1.5 dB
Start 1 GHz
1.25 GHz/
Stop 13.5 GHz
RBW 1 MHz
VBW 1 kHz
SWT 32.6 s
[T1] MP VIEW
Marker 1 [T1]
-68.00 dBm
17.09806 GHz
Ref 1.5 dBm
Att 10 dB
Offset 1.5 dB
Start 13.5 GHz
1.15 GHz/
Stop 25 GHz
RBW 1 MHz
VBW 1 kHz
SWT 42.5 s
[T1] MP VIEW
Marker 1 [T1]
-76.24 dBm
39.46750 GHz
Ref 1.5 dBm
Att 0 dB
Offset 1.5 dB
Start 25 GHz
1.5 GHz/
Stop 40 GHz

Bandedge table

No.	Frequency (MHz)	Emission Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Raw Value (dBm)	Correction Factor (dB)	EIRP Level (dBm)
1	5698.87 PK	111.89	*		10.7	5.93	16.63
2	5725 PK	63.36	68.2	-4.84	-37.83	5.93	-31.9
3	5726.07 PK	66.3	68.2	-1.9	-34.89	5.93	-28.96
4	5699.25 AV	101.45	*		0.26	5.93	6.19
5	5725 AV	49.47	#		-51.72	5.93	-45.79
6	5725 AV	49.47	#		-51.72	5.93	-45.79

Note :
1. Emission Level (dBuV/m) = EIRP Level (dBm) – 20log(d) + 104.8
   d = measurement distance in 3 meters.
2. * : Fundamental frequency, the limit was restricted at the output power.
3. # : Non-restricted frequency, no limit for average emission.

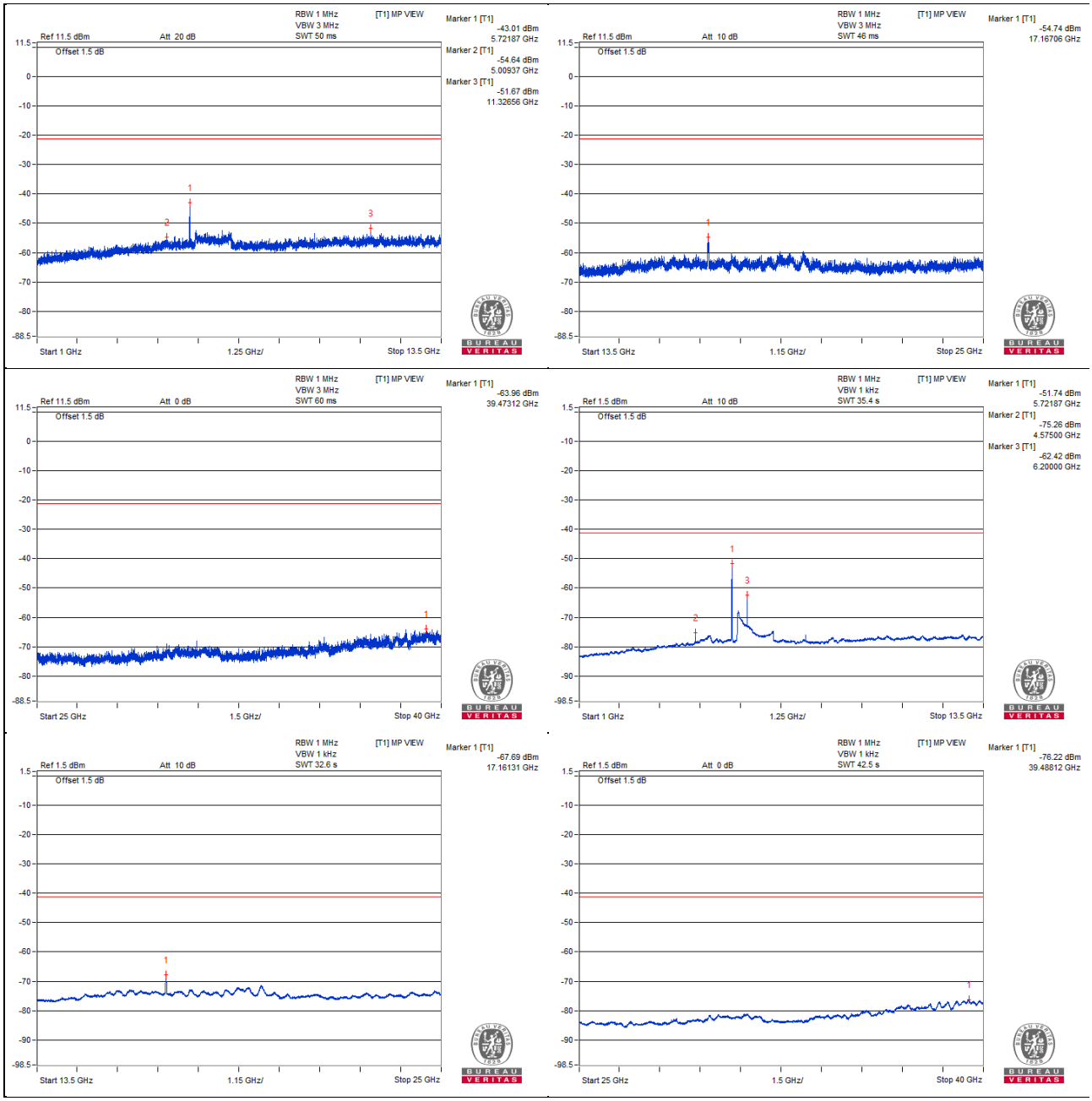


802.11a - Channel 144

Conducted spurious emission table

No.	Frequency (MHz)	Emission Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Raw Value (dBm)	Correction Factor (dB)	EIRP Level (dBm)
1	5721.87 PK	58.55	*		-43.01	6.3	-36.71
2	5009.37 PK	46.92	74	-27.08	-54.64	6.3	-48.34
3	11326.56 PK	49.89	74	-24.11	-51.67	6.3	-45.37
4	17167.06 PK	46.82	68.2	-21.38	-54.74	6.3	-48.44
5	39473.12 PK	37.6	74	-36.4	-63.96	6.3	-57.66
6	5721.87 AV	49.82	*		-51.74	6.3	-45.44
7	4575 AV	26.3	54	-27.7	-75.26	6.3	-68.96
8	6200 AV	39.14	#		-62.42	6.3	-56.12
9	17161.31 AV	33.87	#		-67.69	6.3	-61.39
10	39488.12 AV	25.34	54	-28.66	-76.22	6.3	-69.92

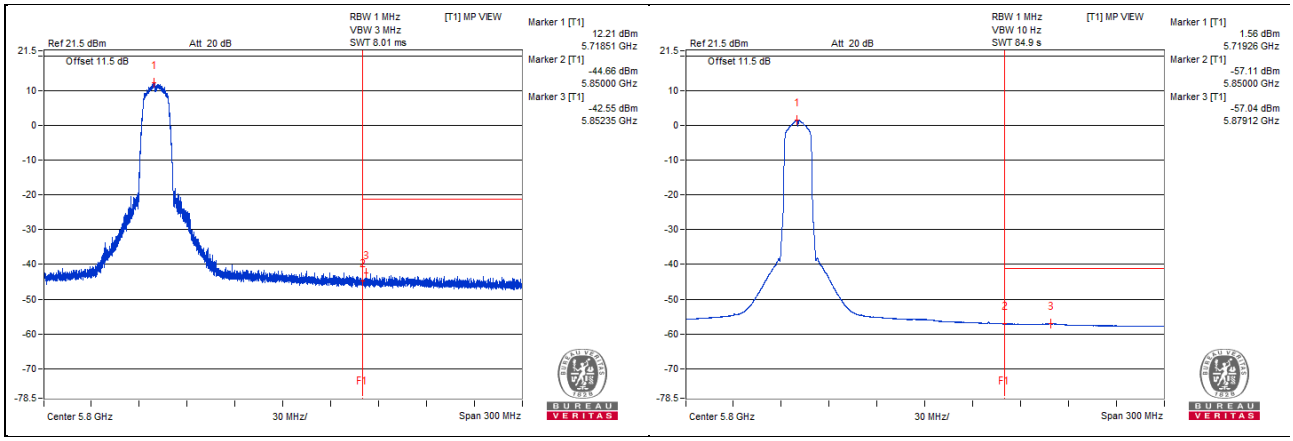
Note :
1. Emission Level (dBuV/m) = EIRP Level (dBm) – 20log(d) + 104.8
   d = measurement distance in 3 meters.
2. * : Fundamental frequency, the limit was restricted at the output power.
3. # : Non-restricted frequency, no limit for average emission.


RBW 1 MHz
VBW 3 MHz
SWT 50 ms
[T1] MP VIEW
Marker 1 [T1]
-43.01 dBm
5.72187 GHz
Marker 2 [T1]
-54.64 dBm
5.00937 GHz
Marker 3 [T1]
-51.67 dBm
11.32656 GHz
Ref 11.5 dBm
Att 20 dB
Offset 1.5 dB
Start 1 GHz
1.25 GHz/
Stop 13.5 GHz
RBW 1 MHz
VBW 3 MHz
SWT 46 ms
[T1] MP VIEW
Marker 1 [T1]
-54.74 dBm
17.16706 GHz
Ref 11.5 dBm
Att 10 dB
Offset 1.5 dB
Start 13.5 GHz
1.15 GHz/
Stop 25 GHz
RBW 1 MHz
VBW 3 MHz
SWT 60 ms
[T1] MP VIEW
Marker 1 [T1]
-63.96 dBm
39.47312 GHz
Ref 11.5 dBm
Att 0 dB
Offset 1.5 dB
Start 25 GHz
1.5 GHz/
Stop 40 GHz
RBW 1 MHz
VBW 1 kHz
SWT 35.4 s
[T1] MP VIEW
Marker 1 [T1]
-51.74 dBm
5.72187 GHz
Marker 2 [T1]
-75.26 dBm
4.57500 GHz
Marker 3 [T1]
-62.42 dBm
6.20000 GHz
Ref 1.5 dBm
Att 10 dB
Offset 1.5 dB
Start 1 GHz
1.25 GHz/
Stop 13.5 GHz
RBW 1 MHz
VBW 1 kHz
SWT 32.6 s
[T1] MP VIEW
Marker 1 [T1]
-67.69 dBm
17.16131 GHz
Ref 1.5 dBm
Att 10 dB
Offset 1.5 dB
Start 13.5 GHz
1.15 GHz/
Stop 25 GHz
RBW 1 MHz
VBW 1 kHz
SWT 42.5 s
[T1] MP VIEW
Marker 1 [T1]
-76.22 dBm
39.48812 GHz
Ref 1.5 dBm
Att 0 dB
Offset 1.5 dB
Start 25 GHz
1.5 GHz/
Stop 40 GHz

Bandedge table

No.	Frequency (MHz)	Emission Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Raw Value (dBm)	Correction Factor (dB)	EIRP Level (dBm)
1	5718.51 PK	113.77	*		12.21	6.3	18.51
2	5850 PK	56.9	68.2	-11.3	-44.66	6.3	-38.36
3	5852.35 PK	59.01	68.2	-9.19	-42.55	6.3	-36.25
4	5719.26 AV	103.12	*		1.56	6.3	7.86
5	5850 AV	44.45	#		-57.11	6.3	-50.81
6	5879.12 AV	44.52	#		-57.04	6.3	-50.74

Note :
1. Emission Level (dBuV/m) = EIRP Level (dBm) – 20log(d) + 104.8
   d = measurement distance in 3 meters.
2. * : Fundamental frequency, the limit was restricted at the output power.
3. # : Non-restricted frequency, no limit for average emission.



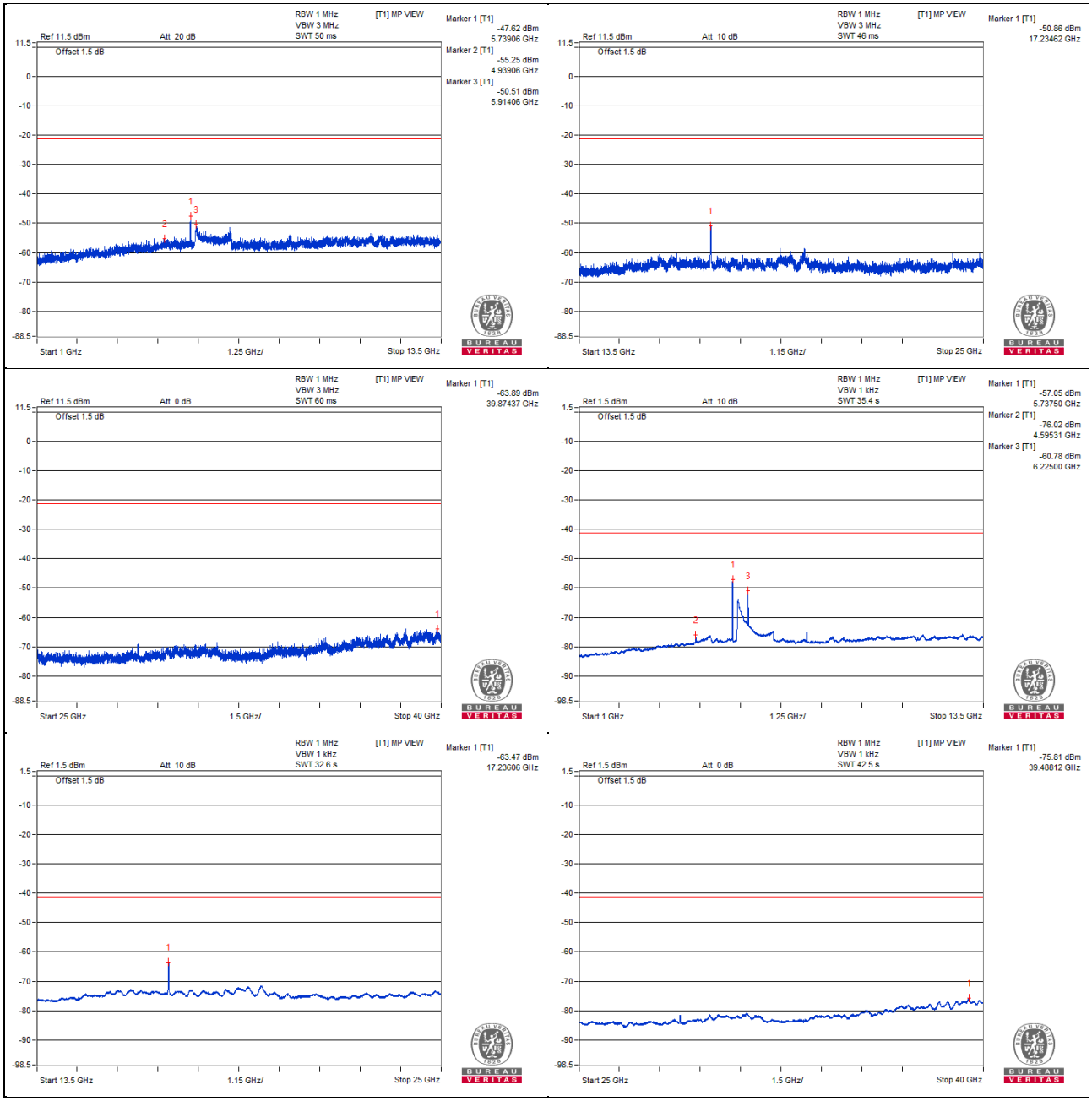
802.11a – Channel 149

Conducted spurious emission table

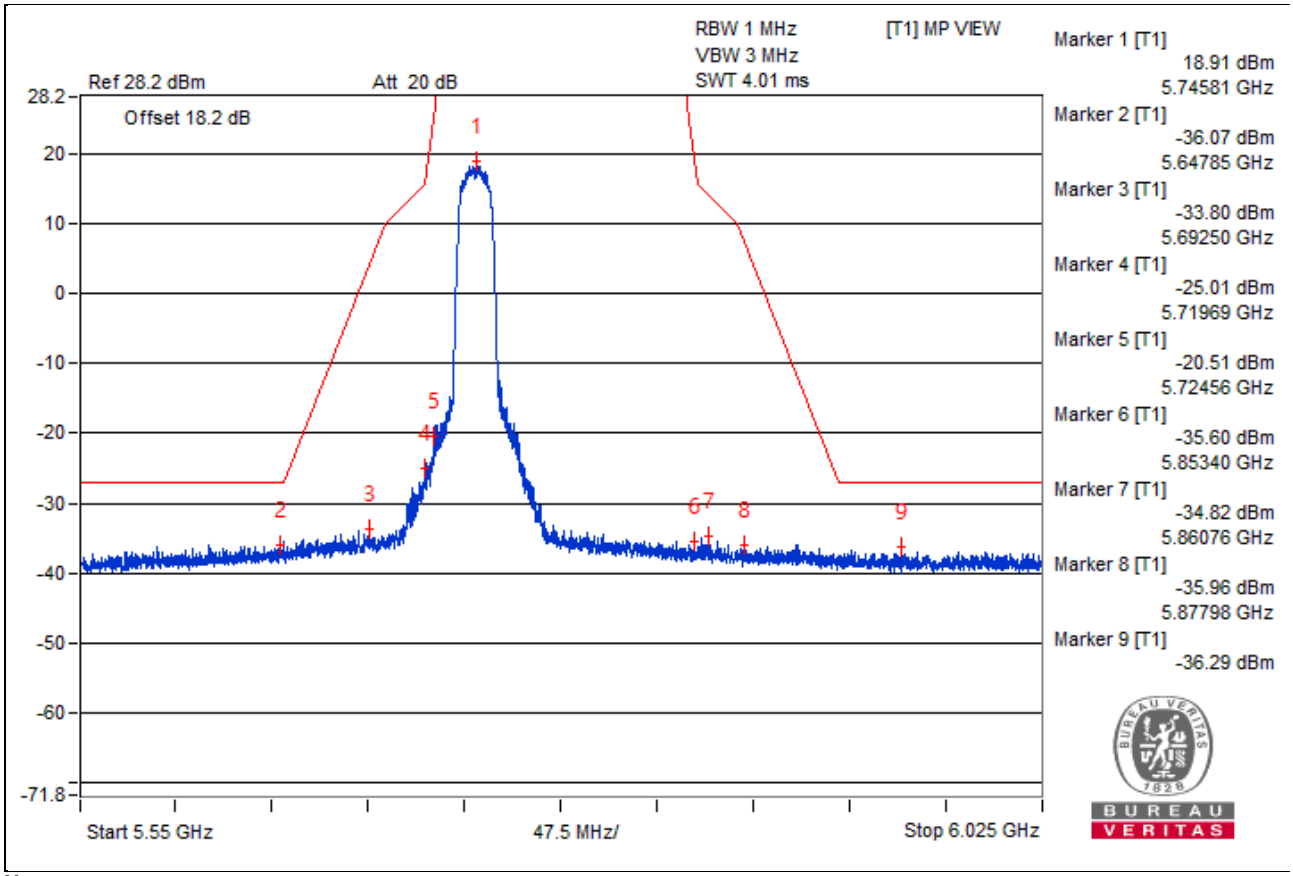
No.	Frequency (MHz)	Emission Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Raw Value (dBm)	Correction Factor (dB)	EIRP Level (dBm)
1	5739.06 PK	53.94	*		-47.62	6.3	-41.32
2	4939.06 PK	46.31	74	-27.69	-55.25	6.3	-48.95
3	5914.06 PK	51.05	68.2	-17.15	-50.51	6.3	-44.21
4	17234.62 PK	50.7	68.2	-17.5	-50.86	6.3	-44.56
5	39874.37 PK	37.67	74	-36.33	-63.89	6.3	-57.59
6	5737.5 AV	44.51	*		-57.05	6.3	-50.75
7	4595.31 AV	25.54	54	-28.46	-76.02	6.3	-69.72
8	6225 AV	40.78	#		-60.78	6.3	-54.48
9	17236.06 AV	38.09	#		-63.47	6.3	-57.17
10	39488.12 AV	25.75	54	-28.25	-75.81	6.3	-69.51

Note :

1. Emission Level (dBuV/m) = EIRP Level (dBm) – 20log(d) + 104.8
   d = measurement distance in 3 meters.
2. * : Fundamental frequency, the limit was restricted at the output power.
3. # : Non-restricted frequency, no limit for average emission.


RBW 1 MHz
VBW 3 MHz
SWT 50 ms
[T1] MP VIEW
Marker 1 [T1]
-47.62 dBm
5.73906 GHz
Marker 2 [T1]
-55.25 dBm
4.93906 GHz
Marker 3 [T1]
-50.51 dBm
5.91406 GHz
Ref 11.5 dBm
Att 20 dB
Offset 1.5 dB
Start 1 GHz
1.25 GHz/
Stop 13.5 GHz
RBW 1 MHz
VBW 3 MHz
SWT 46 ms
[T1] MP VIEW
Marker 1 [T1]
-50.86 dBm
17.23462 GHz
Ref 11.5 dBm
Att 10 dB
Offset 1.5 dB
Start 13.5 GHz
1.15 GHz/
Stop 25 GHz
RBW 1 MHz
VBW 3 MHz
SWT 60 ms
[T1] MP VIEW
Marker 1 [T1]
-63.89 dBm
39.87437 GHz
Ref 11.5 dBm
Att 0 dB
Offset 1.5 dB
Start 25 GHz
1.5 GHz/
Stop 40 GHz
RBW 1 MHz
VBW 1 kHz
SWT 35.4 s
[T1] MP VIEW
Marker 1 [T1]
-57.05 dBm
5.73750 GHz
Marker 2 [T1]
-76.02 dBm
4.59531 GHz
Marker 3 [T1]
-60.78 dBm
6.22500 GHz
Ref 1.5 dBm
Att 10 dB
Offset 1.5 dB
Start 1 GHz
1.25 GHz/
Stop 13.5 GHz
RBW 1 MHz
VBW 1 kHz
SWT 32.6 s
[T1] MP VIEW
Marker 1 [T1]
-63.47 dBm
17.23606 GHz
Ref 1.5 dBm
Att 10 dB
Offset 1.5 dB
Start 13.5 GHz
1.15 GHz/
Stop 25 GHz
RBW 1 MHz
VBW 1 kHz
SWT 42.5 s
[T1] MP VIEW
Marker 1 [T1]
-75.81 dBm
39.48812 GHz
Ref 1.5 dBm
Att 0 dB
Offset 1.5 dB
Start 25 GHz
1.5 GHz/
Stop 40 GHz

Bandedge table



Note:
1. The offset including attenuator (10dB), cable loss (1.9 dB) and antenna gain (6.3 dBi).
2. The test results were EIRP.

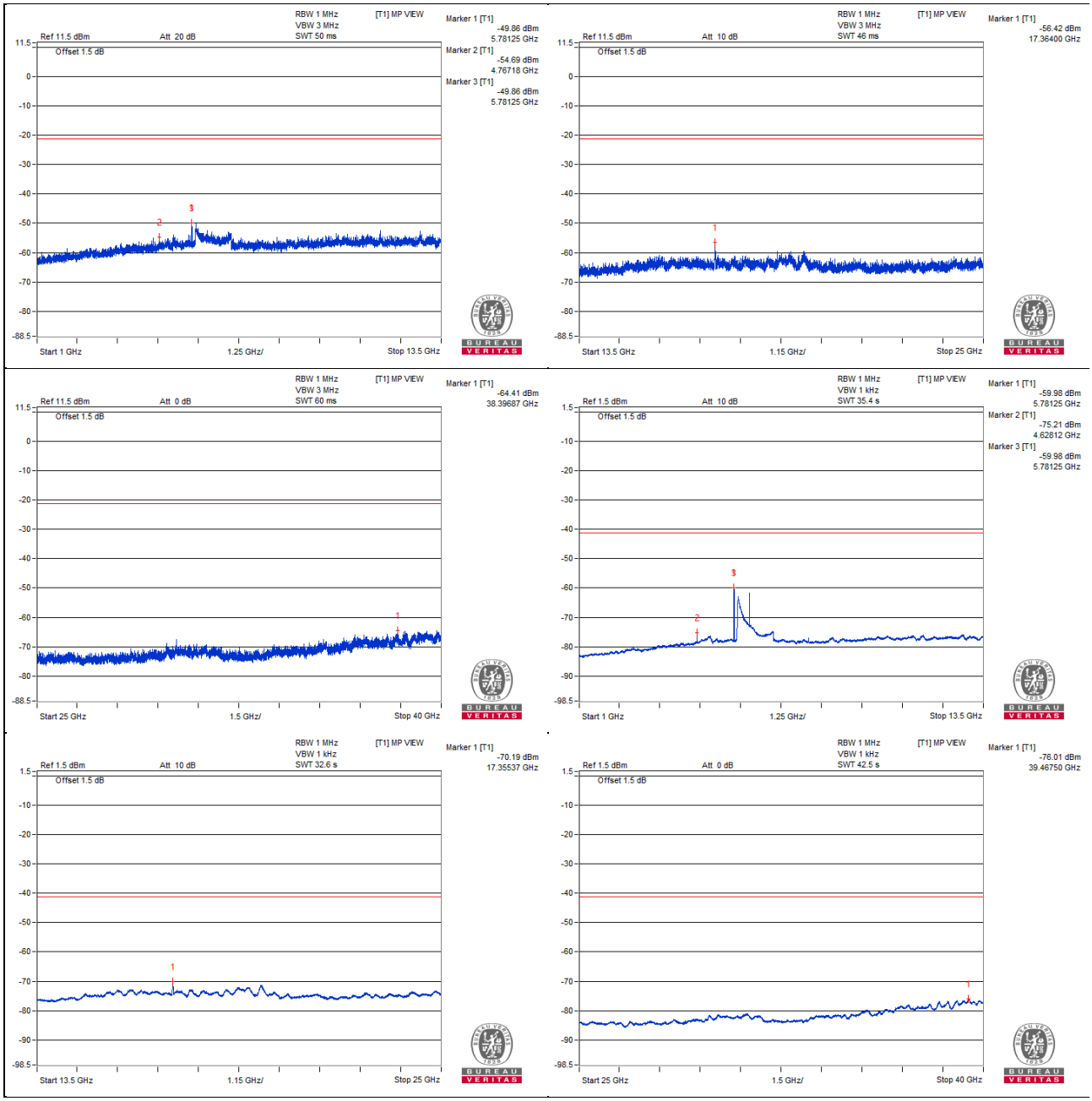
802.11a – Channel 157

Conducted spurious emission table

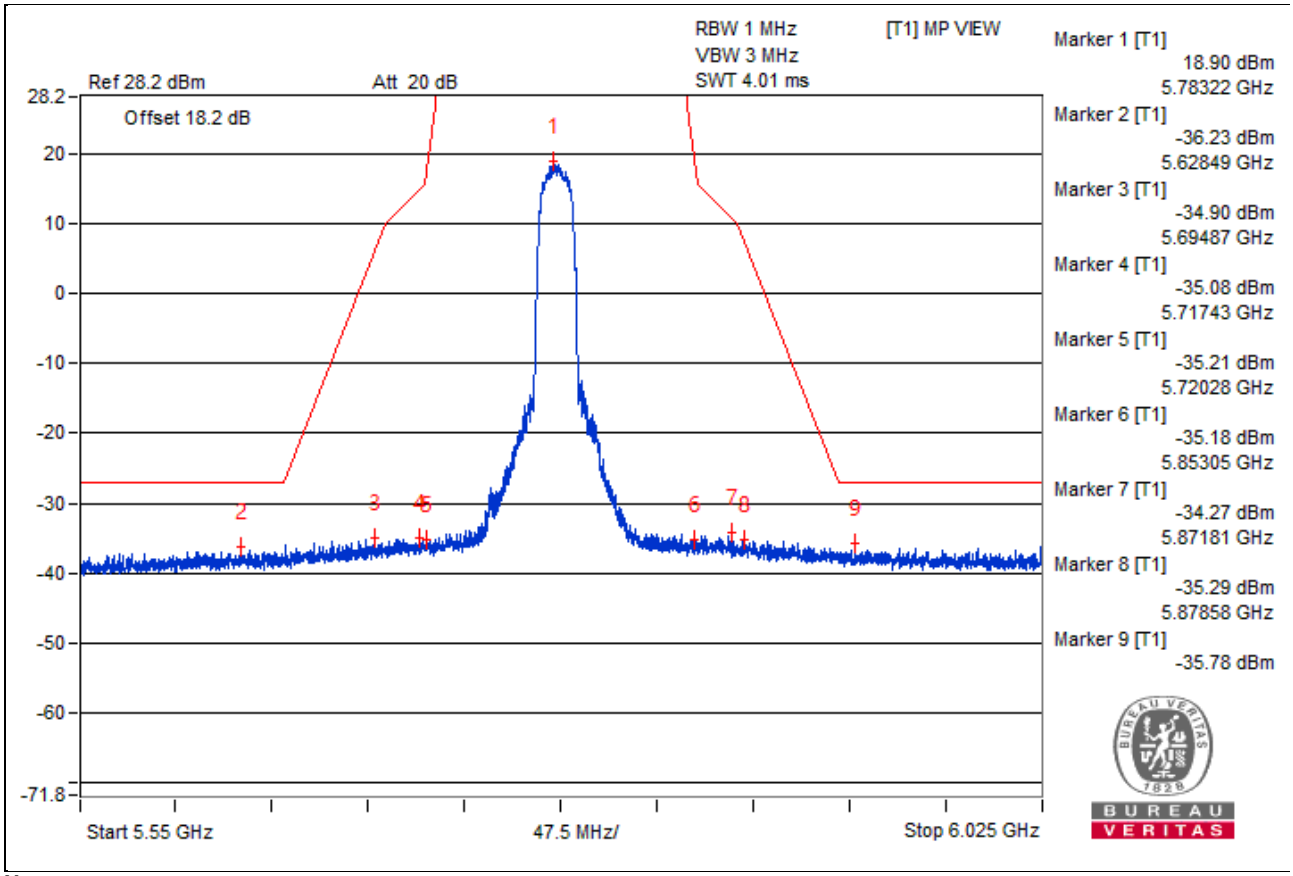
No.	Frequency (MHz)	Emission Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Raw Value (dBm)	Correction Factor (dB)	EIRP Level (dBm)
1	5781.25 PK	51.7	*		-49.86	6.3	-43.56
2	4767.18 PK	46.87	74	-27.13	-54.69	6.3	-48.39
3	5781.25 PK	51.7	*		-49.86	6.3	-43.56
4	17364 PK	45.14	68.2	-23.06	-56.42	6.3	-50.12
5	38396.87 PK	37.15	68.2	-31.05	-64.41	6.3	-58.11
6	5781.25 AV	41.58	*		-59.98	6.3	-53.68
7	4628.12 AV	26.35	54	-27.65	-75.21	6.3	-68.91
8	5781.25 AV	41.58	*		-59.98	6.3	-53.68
9	17355.37 AV	31.37	#		-70.19	6.3	-63.89
10	39467.5 AV	25.55	54	-28.45	-76.01	6.3	-69.71

Note :

1. Emission Level (dBuV/m) = EIRP Level (dBm) – 20log(d) + 104.8
   d = measurement distance in 3 meters.
2. * : Fundamental frequency, the limit was restricted at the output power.
3. # : Non-restricted frequency, no limit for average emission.


RBW 1 MHz
VBW 3 MHz
SWT 50 ms
[T1] MP VIEW
Marker 1 [T1]
-49.86 dBm
5.78125 GHz
Marker 2 [T1]
-54.69 dBm
4.76718 GHz
Marker 3 [T1]
-49.86 dBm
5.78125 GHz
Ref 11.5 dBm
Att 20 dB
Offset 1.5 dB
Start 1 GHz
1.25 GHz/
Stop 13.5 GHz
RBW 1 MHz
VBW 3 MHz
SWT 46 ms
[T1] MP VIEW
Marker 1 [T1]
-56.42 dBm
17.36400 GHz
Ref 11.5 dBm
Att 10 dB
Offset 1.5 dB
Start 13.5 GHz
1.15 GHz/
Stop 25 GHz
RBW 1 MHz
VBW 3 MHz
SWT 60 ms
[T1] MP VIEW
Marker 1 [T1]
-64.41 dBm
38.39687 GHz
Ref 11.5 dBm
Att 0 dB
Offset 1.5 dB
Start 25 GHz
1.5 GHz/
Stop 40 GHz
RBW 1 MHz
VBW 1 kHz
SWT 35.4 s
[T1] MP VIEW
Marker 1 [T1]
-59.98 dBm
5.78125 GHz
Marker 2 [T1]
-75.21 dBm
4.62812 GHz
Marker 3 [T1]
-59.98 dBm
5.78125 GHz
Ref 1.5 dBm
Att 10 dB
Offset 1.5 dB
Start 1 GHz
1.25 GHz/
Stop 13.5 GHz
RBW 1 MHz
VBW 1 kHz
SWT 32.6 s
[T1] MP VIEW
Marker 1 [T1]
-70.19 dBm
17.35537 GHz
Ref 1.5 dBm
Att 10 dB
Offset 1.5 dB
Start 13.5 GHz
1.15 GHz/
Stop 25 GHz
RBW 1 MHz
VBW 1 kHz
SWT 42.5 s
[T1] MP VIEW
Marker 1 [T1]
-76.01 dBm
39.46750 GHz
Ref 1.5 dBm
Att 0 dB
Offset 1.5 dB
Start 25 GHz
1.5 GHz/
Stop 40 GHz

Bandedge table



Note:
1. The offset including attenuator (10dB), cable loss (1.9 dB) and antenna gain (6.3 dBi).
2. The test results were EIRP.

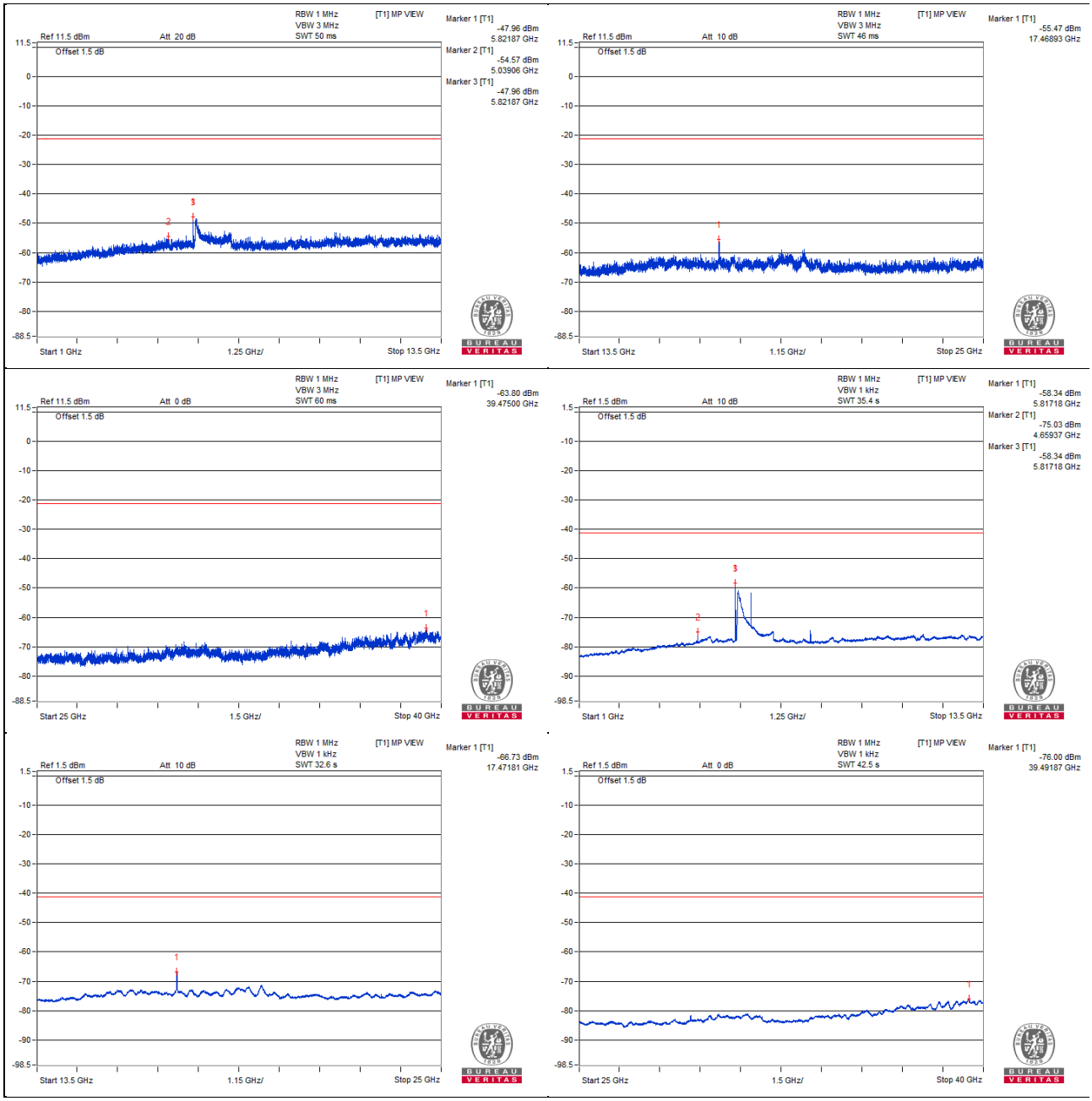
802.11a – Channel 165

Conducted spurious emission table

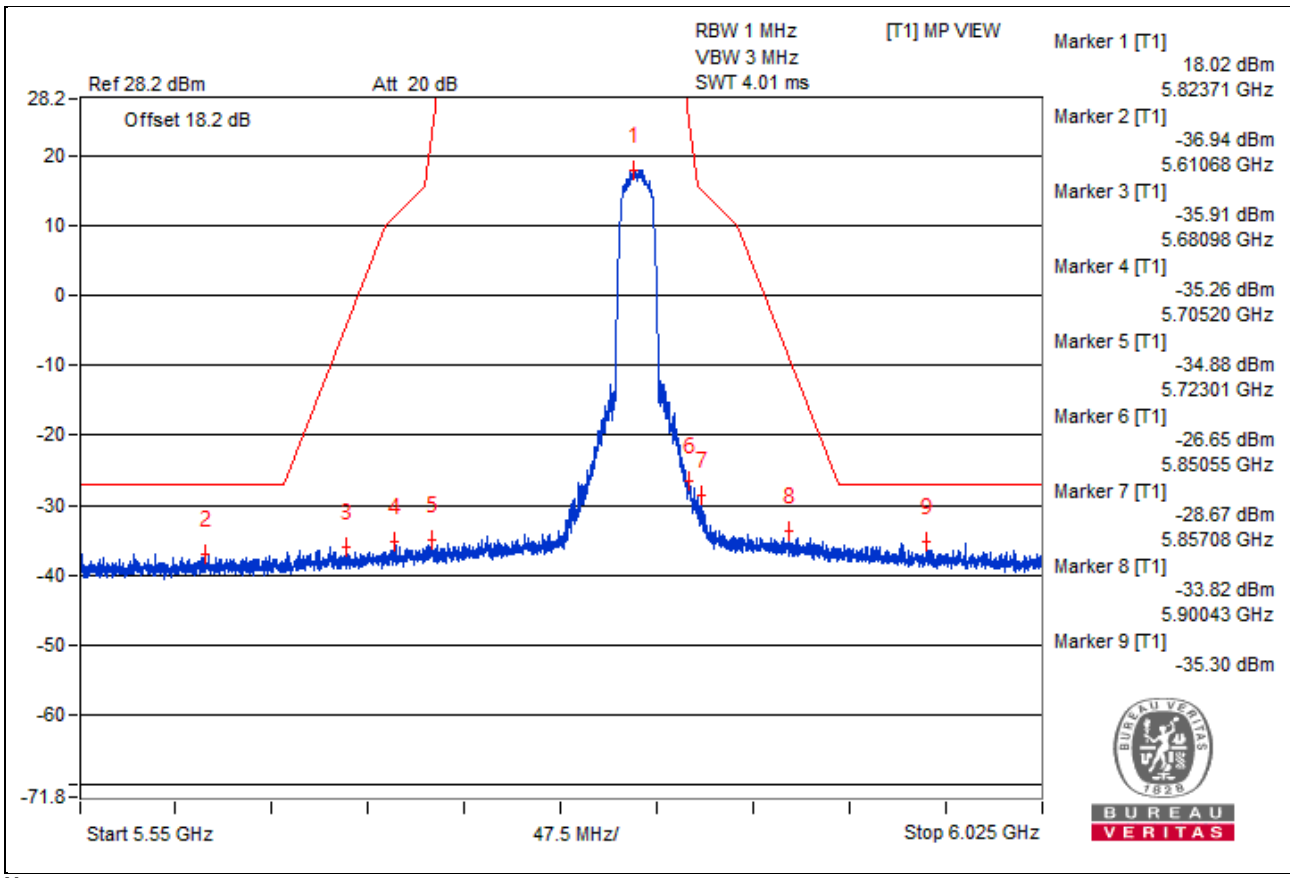
No.	Frequency (MHz)	Emission Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Raw Value (dBm)	Correction Factor (dB)	EIRP Level (dBm)
1	5821.87 PK	53.6	*		-47.96	6.3	-41.66
2	5039.06 PK	46.99	74	-27.01	-54.57	6.3	-48.27
3	5821.87 PK	53.6	*		-47.96	6.3	-41.66
4	17468.93 PK	46.09	68.2	-22.11	-55.47	6.3	-49.17
5	39475 PK	37.76	74	-36.24	-63.8	6.3	-57.5
6	5817.18 AV	43.22	*		-58.34	6.3	-52.04
7	4659.37 AV	26.53	54	-27.47	-75.03	6.3	-68.73
8	5817.18 AV	43.22	*		-58.34	6.3	-52.04
9	17471.81 AV	34.83	#		-66.73	6.3	-60.43
10	39491.87 AV	25.56	54	-28.44	-76	6.3	-69.7

Note :

1. Emission Level (dBuV/m) = EIRP Level (dBm) – 20log(d) + 104.8
   d = measurement distance in 3 meters.
2. * : Fundamental frequency, the limit was restricted at the output power.
3. # : Non-restricted frequency, no limit for average emission.


RBW 1 MHz
VBW 3 MHz
SWT 50 ms
[T1] MP VIEW
Marker 1 [T1]
-47.96 dBm
5.82187 GHz
Marker 2 [T1]
-54.57 dBm
5.03906 GHz
Marker 3 [T1]
-47.96 dBm
5.82187 GHz
Ref 11.5 dBm
Att 20 dB
Offset 1.5 dB
Start 1 GHz
1.25 GHz/
Stop 13.5 GHz
RBW 1 MHz
VBW 3 MHz
SWT 46 ms
[T1] MP VIEW
Marker 1 [T1]
-55.47 dBm
17.46893 GHz
Ref 11.5 dBm
Att 10 dB
Offset 1.5 dB
Start 13.5 GHz
1.15 GHz/
Stop 25 GHz
RBW 1 MHz
VBW 3 MHz
SWT 60 ms
[T1] MP VIEW
Marker 1 [T1]
-63.80 dBm
39.47500 GHz
Ref 11.5 dBm
Att 0 dB
Offset 1.5 dB
Start 25 GHz
1.5 GHz/
Stop 40 GHz
RBW 1 MHz
VBW 1 kHz
SWT 35.4 s
[T1] MP VIEW
Marker 1 [T1]
-58.34 dBm
5.81718 GHz
Marker 2 [T1]
-75.03 dBm
4.65937 GHz
Marker 3 [T1]
-58.34 dBm
5.81718 GHz
Ref 1.5 dBm
Att 10 dB
Offset 1.5 dB
Start 1 GHz
1.25 GHz/
Stop 13.5 GHz
RBW 1 MHz
VBW 1 kHz
SWT 32.6 s
[T1] MP VIEW
Marker 1 [T1]
-66.73 dBm
17.47181 GHz
Ref 1.5 dBm
Att 10 dB
Offset 1.5 dB
Start 13.5 GHz
1.15 GHz/
Stop 25 GHz
RBW 1 MHz
VBW 1 kHz
SWT 42.5 s
[T1] MP VIEW
Marker 1 [T1]
-76.00 dBm
39.49187 GHz
Ref 1.5 dBm
Att 0 dB
Offset 1.5 dB
Start 25 GHz
1.5 GHz/
Stop 40 GHz

Bandedge table



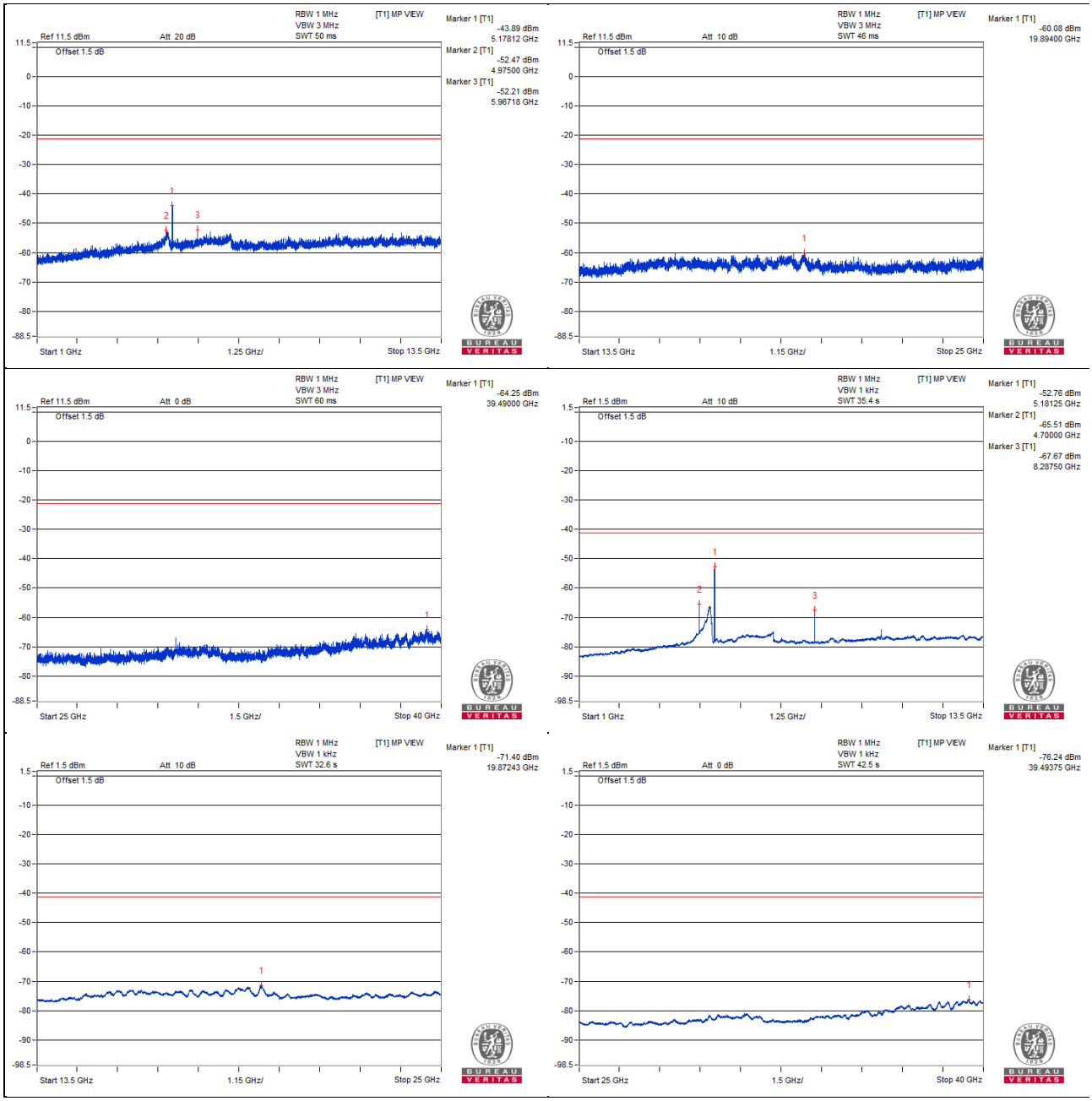
Note:
1. The offset including attenuator (10dB), cable loss (1.9 dB) and antenna gain (6.3 dBi).
2. The test results were EIRP.

802.11ac (VHT20) - Channel 36

Conducted spurious emission table

No.	Frequency (MHz)	Emission Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Raw Value (dBm)	Correction Factor (dB)	EIRP Level (dBm)
1	5178.12 PK	57.67	*		-43.89	6.3	-37.59
2	4975 PK	49.09	74	-24.91	-52.47	6.3	-46.17
3	5967.18 PK	49.35	68.2	-18.85	-52.21	6.3	-45.91
4	19894 PK	41.48	74	-32.52	-60.08	6.3	-53.78
5	39490 PK	37.31	74	-36.69	-64.25	6.3	-57.95
6	5181.25 AV	48.8	*		-52.76	6.3	-46.46
7	4700 AV	36.05	54	-17.95	-65.51	6.3	-59.21
8	8287.5 AV	33.89	54	-20.11	-67.67	6.3	-61.37
9	19872.43 AV	30.16	54	-23.84	-71.4	6.3	-65.1
10	39493.75 AV	25.32	54	-28.68	-76.24	6.3	-69.94

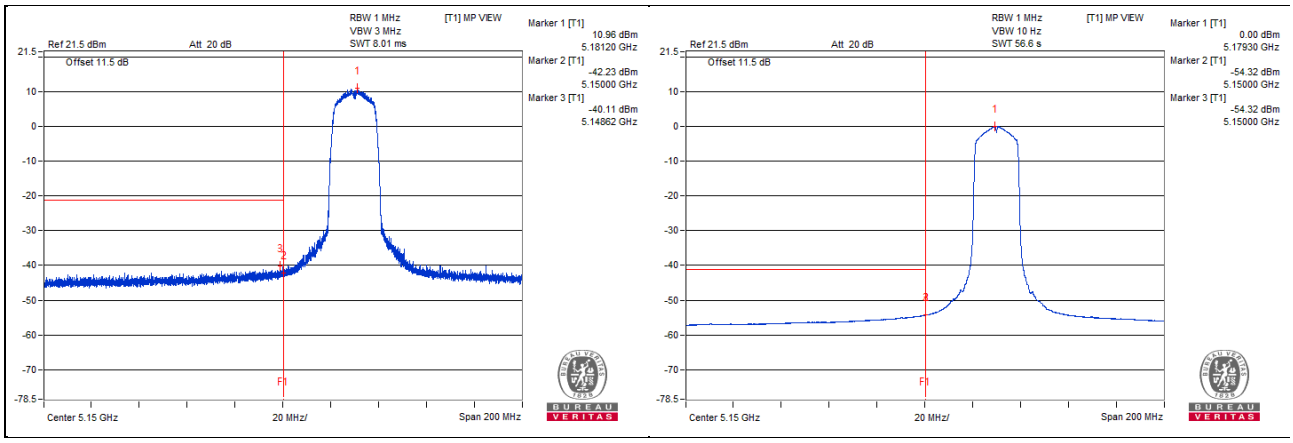
Note :
1. Emission Level (dBuV/m) = EIRP Level (dBm) – 20log(d) + 104.8
   d = measurement distance in 3 meters.
2. * : Fundamental frequency, the limit was restricted at the output power.


RBW 1 MHz
VBW 3 MHz
SWT 50 ms
[T1] MP VIEW
Marker 1 [T1]
-43.89 dBm
5.17812 GHz
Marker 2 [T1]
-52.47 dBm
4.97500 GHz
Marker 3 [T1]
-52.21 dBm
5.96718 GHz
Ref 11.5 dBm
Att 20 dB
Offset 1.5 dB
Start 1 GHz
1.25 GHz/
Stop 13.5 GHz
RBW 1 MHz
VBW 3 MHz
SWT 46 ms
[T1] MP VIEW
Marker 1 [T1]
-60.08 dBm
19.89400 GHz
Ref 11.5 dBm
Att 10 dB
Offset 1.5 dB
Start 13.5 GHz
1.15 GHz/
Stop 25 GHz
RBW 1 MHz
VBW 3 MHz
SWT 60 ms
[T1] MP VIEW
Marker 1 [T1]
-64.25 dBm
39.49000 GHz
Ref 11.5 dBm
Att 0 dB
Offset 1.5 dB
Start 25 GHz
1.5 GHz/
Stop 40 GHz
RBW 1 MHz
VBW 1 kHz
SWT 35.4 s
[T1] MP VIEW
Marker 1 [T1]
-52.76 dBm
5.18125 GHz
Marker 2 [T1]
-65.51 dBm
4.70000 GHz
Marker 3 [T1]
-67.67 dBm
8.28750 GHz
Ref 1.5 dBm
Att 10 dB
Offset 1.5 dB
Start 1 GHz
1.25 GHz/
Stop 13.5 GHz
RBW 1 MHz
VBW 1 kHz
SWT 32.6 s
[T1] MP VIEW
Marker 1 [T1]
-71.40 dBm
19.87243 GHz
Ref 1.5 dBm
Att 10 dB
Offset 1.5 dB
Start 13.5 GHz
1.15 GHz/
Stop 25 GHz
RBW 1 MHz
VBW 1 kHz
SWT 42.5 s
[T1] MP VIEW
Marker 1 [T1]
-76.24 dBm
39.49375 GHz
Ref 1.5 dBm
Att 0 dB
Offset 1.5 dB
Start 25 GHz
1.5 GHz/
Stop 40 GHz

Bandedge table

No.	Frequency (MHz)	Emission Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Raw Value (dBm)	Correction Factor (dB)	EIRP Level (dBm)
1	5181.2 PK	111.82	*		10.96	5.6	16.56
2	5150 PK	58.63	74	-15.37	-42.23	5.6	-36.63
3	5148.62 PK	60.75	74	-13.25	-40.11	5.6	-34.51
4	5179.3 AV	100.86	*		0	5.6	5.6
5	5150 AV	46.54	54	-7.46	-54.32	5.6	-48.72
6	5150 AV	46.54	54	-7.46	-54.32	5.6	-48.72

Note :
1. Emission Level (dBuV/m) = EIRP Level (dBm) – 20log(d) + 104.8
   d = measurement distance in 3 meters.
2. * : Fundamental frequency, the limit was restricted at the output power.

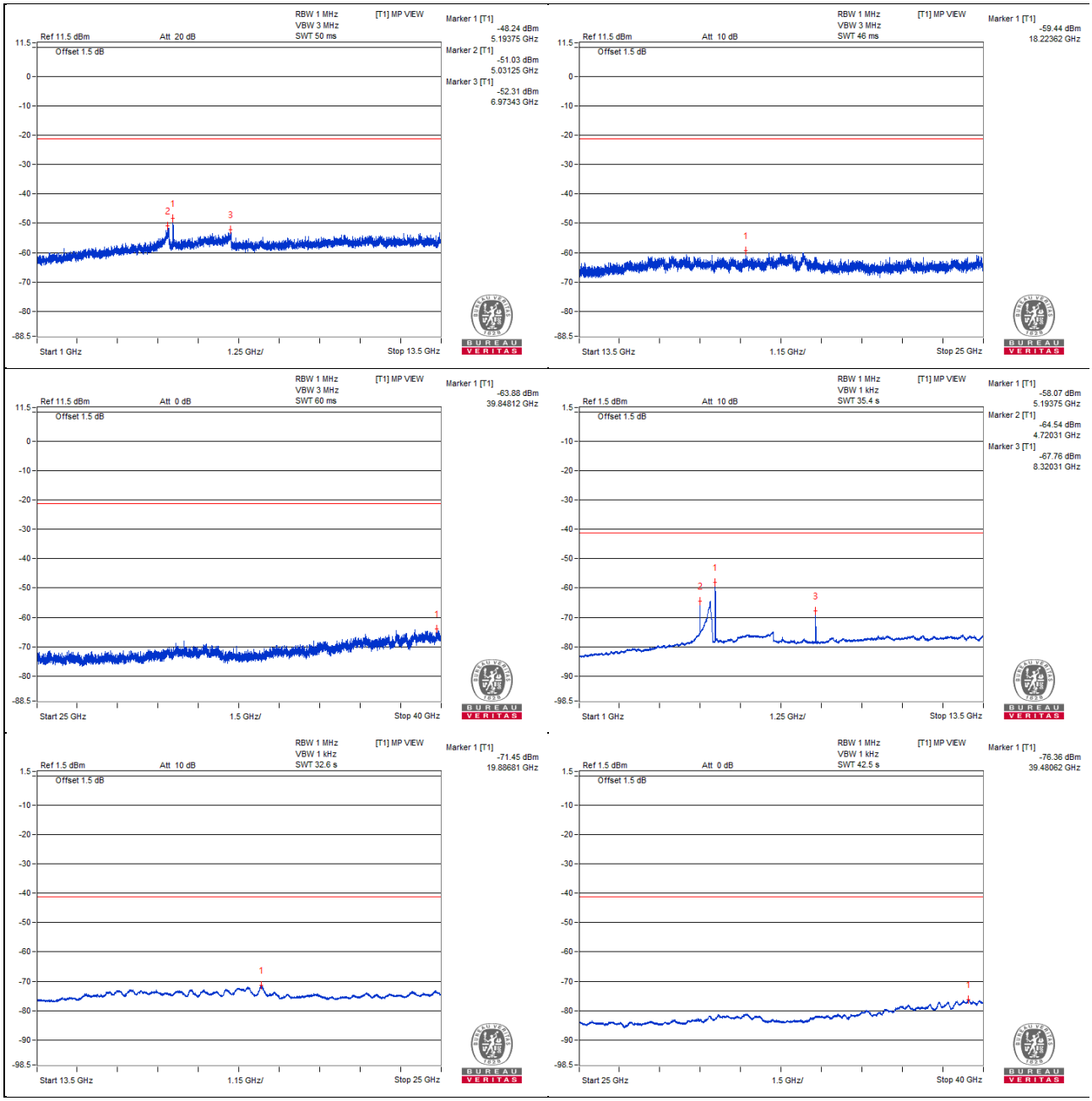


802.11ac (VHT20) - Channel 40

Conducted spurious emission table

No.	Frequency (MHz)	Emission Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Raw Value (dBm)	Correction Factor (dB)	EIRP Level (dBm)
1	5193.75 PK	53.32	*		-48.24	6.3	-41.94
2	5031.25 PK	50.53	74	-23.47	-51.03	6.3	-44.73
3	6973.43 PK	49.25	68.2	-18.95	-52.31	6.3	-46.01
4	18223.62 PK	42.12	74	-31.88	-59.44	6.3	-53.14
5	39848.12 PK	37.68	74	-36.32	-63.88	6.3	-57.58
6	5193.75 AV	43.49	*		-58.07	6.3	-51.77
7	4720.31 AV	37.02	54	-16.98	-64.54	6.3	-58.24
8	8320.31 AV	33.8	54	-20.2	-67.76	6.3	-61.46
9	19886.81 AV	30.11	54	-23.89	-71.45	6.3	-65.15
10	39480.62 AV	25.2	54	-28.8	-76.36	6.3	-70.06

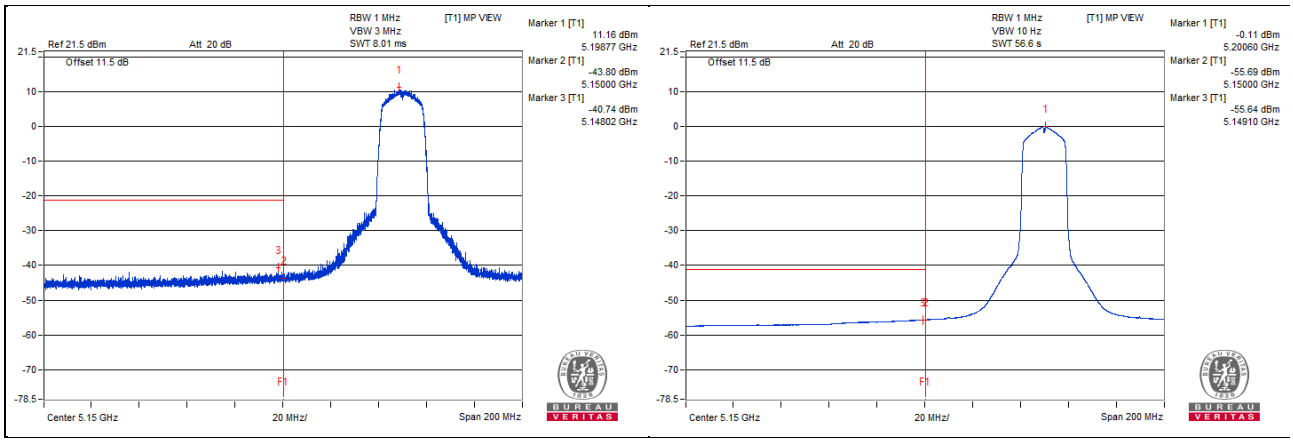
Note :
1. Emission Level (dBuV/m) = EIRP Level (dBm) – 20log(d) + 104.8
   d = measurement distance in 3 meters.
2. * : Fundamental frequency, the limit was restricted at the output power.


RBW 1 MHz
VBW 3 MHz
SWT 50 ms
[T1] MP VIEW
Marker 1 [T1]
-48.24 dBm
5.19375 GHz
Marker 2 [T1]
-51.03 dBm
5.03125 GHz
Marker 3 [T1]
-52.31 dBm
6.97343 GHz
Ref 11.5 dBm
Att 20 dB
Offset 1.5 dB
Start 1 GHz
1.25 GHz/
Stop 13.5 GHz
RBW 1 MHz
VBW 3 MHz
SWT 46 ms
[T1] MP VIEW
Marker 1 [T1]
-59.44 dBm
18.22362 GHz
Ref 11.5 dBm
Att 10 dB
Offset 1.5 dB
Start 13.5 GHz
1.15 GHz/
Stop 25 GHz
RBW 1 MHz
VBW 3 MHz
SWT 60 ms
[T1] MP VIEW
Marker 1 [T1]
-63.88 dBm
39.84812 GHz
Ref 11.5 dBm
Att 0 dB
Offset 1.5 dB
Start 25 GHz
1.5 GHz/
Stop 40 GHz
RBW 1 MHz
VBW 1 kHz
SWT 35.4 s
[T1] MP VIEW
Marker 1 [T1]
-58.07 dBm
5.19375 GHz
Marker 2 [T1]
-64.54 dBm
4.72031 GHz
Marker 3 [T1]
-67.76 dBm
8.32031 GHz
Ref 1.5 dBm
Att 10 dB
Offset 1.5 dB
Start 1 GHz
1.25 GHz/
Stop 13.5 GHz
RBW 1 MHz
VBW 1 kHz
SWT 32.6 s
[T1] MP VIEW
Marker 1 [T1]
-71.45 dBm
19.88681 GHz
Ref 1.5 dBm
Att 10 dB
Offset 1.5 dB
Start 13.5 GHz
1.15 GHz/
Stop 25 GHz
RBW 1 MHz
VBW 1 kHz
SWT 42.5 s
[T1] MP VIEW
Marker 1 [T1]
-76.36 dBm
39.48062 GHz
Ref 1.5 dBm
Att 0 dB
Offset 1.5 dB
Start 25 GHz
1.5 GHz/
Stop 40 GHz

Bandedge table

No.	Frequency (MHz)	Emission Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Raw Value (dBm)	Correction Factor (dB)	EIRP Level (dBm)
1	5198.77 PK	112.02	*		11.16	5.6	16.76
2	5150 PK	57.06	74	-16.94	-43.8	5.6	-38.2
3	5148.02 PK	60.12	74	-13.88	-40.74	5.6	-35.14
4	5200.6 AV	100.75	*		-0.11	5.6	5.49
5	5150 AV	45.17	54	-8.83	-55.69	5.6	-50.09
6	5149.1 AV	45.22	54	-8.78	-55.64	5.6	-50.04

Note :
1. Emission Level (dBuV/m) = EIRP Level (dBm) – 20log(d) + 104.8
   d = measurement distance in 3 meters.
2. * : Fundamental frequency, the limit was restricted at the output power.

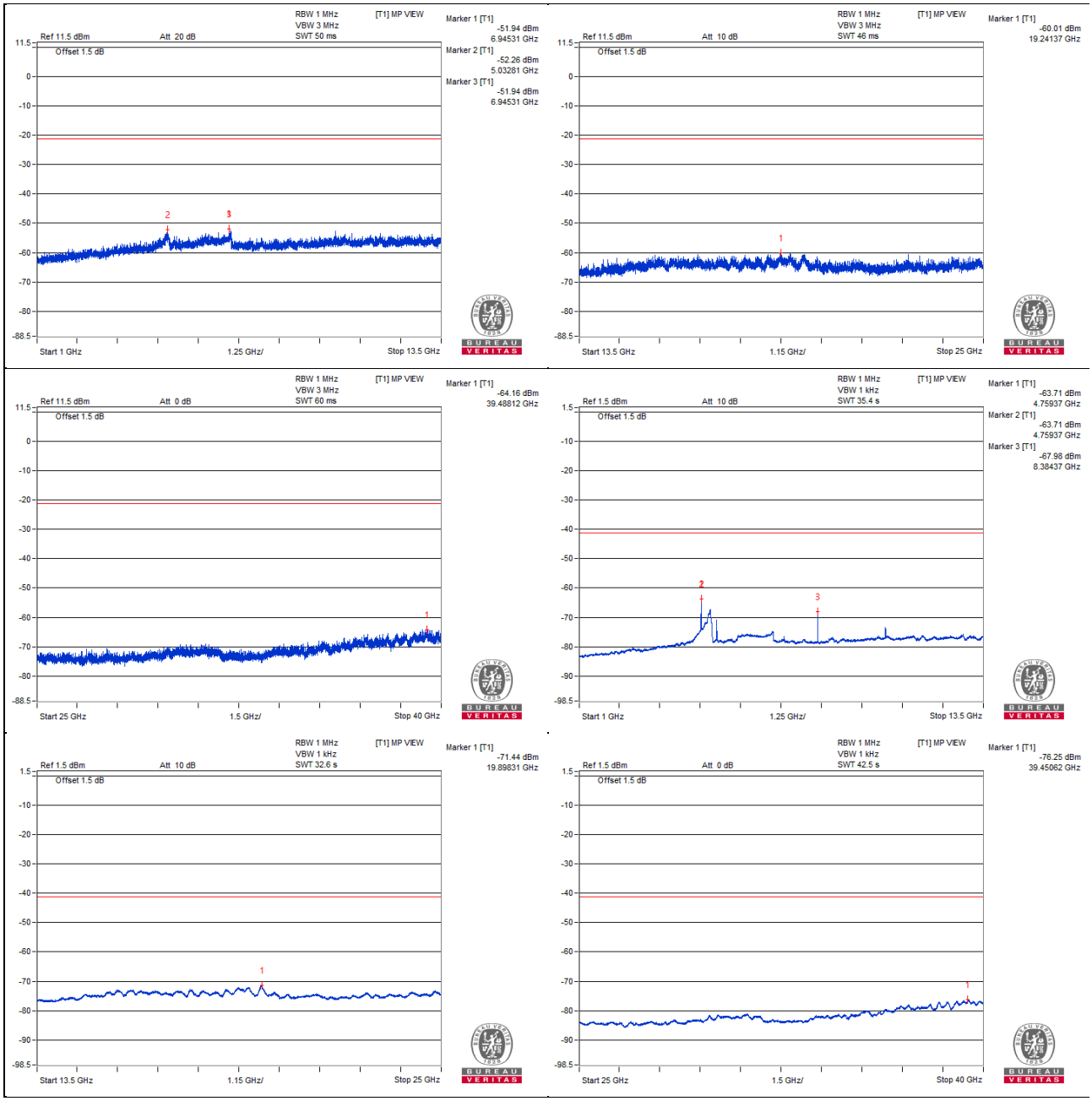


802.11ac (VHT20) - Channel 48

Conducted spurious emission table

No.	Frequency (MHz)	Emission Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Raw Value (dBm)	Correction Factor (dB)	EIRP Level (dBm)
1	6945.31 PK	49.62	68.2	-18.58	-51.94	6.3	-45.64
2	5032.81 PK	49.3	74	-24.7	-52.26	6.3	-45.96
3	6945.31 PK	49.62	68.2	-18.58	-51.94	6.3	-45.64
4	19241.37 PK	41.55	74	-32.45	-60.01	6.3	-53.71
5	39488.12 PK	37.4	74	-36.6	-64.16	6.3	-57.86
6	4759.37 AV	37.85	54	-16.15	-63.71	6.3	-57.41
7	4759.37 AV	37.85	54	-16.15	-63.71	6.3	-57.41
8	8384.37 AV	33.58	54	-20.42	-67.98	6.3	-61.68
9	19898.31 AV	30.12	54	-23.88	-71.44	6.3	-65.14
10	39450.62 AV	25.31	54	-28.69	-76.25	6.3	-69.95

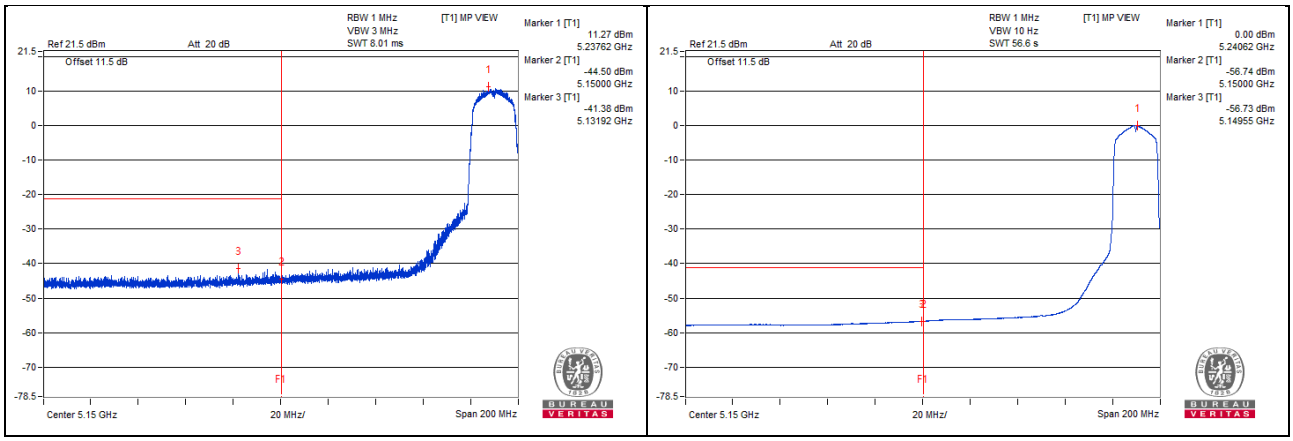
Note :
1. Emission Level (dBuV/m) = EIRP Level (dBm) – 20log(d) + 104.8
   d = measurement distance in 3 meters.


RBW 1 MHz
VBW 3 MHz
SWT 50 ms
[T1] MP VIEW
Marker 1 [T1]
-51.94 dBm
6.94531 GHz
Marker 2 [T1]
-52.26 dBm
5.03281 GHz
Marker 3 [T1]
-51.94 dBm
6.94531 GHz
Ref 11.5 dBm
Att 20 dB
Offset 1.5 dB
Start 1 GHz
1.25 GHz/
Stop 13.5 GHz
RBW 1 MHz
VBW 3 MHz
SWT 46 ms
[T1] MP VIEW
Marker 1 [T1]
-60.01 dBm
19.24137 GHz
Ref 11.5 dBm
Att 10 dB
Offset 1.5 dB
Start 13.5 GHz
1.15 GHz/
Stop 25 GHz
RBW 1 MHz
VBW 3 MHz
SWT 60 ms
[T1] MP VIEW
Marker 1 [T1]
-64.16 dBm
39.48812 GHz
Ref 11.5 dBm
Att 0 dB
Offset 1.5 dB
Start 25 GHz
1.5 GHz/
Stop 40 GHz
RBW 1 MHz
VBW 1 kHz
SWT 35.4 s
[T1] MP VIEW
Marker 1 [T1]
-63.71 dBm
4.75937 GHz
Marker 2 [T1]
-63.71 dBm
4.75937 GHz
Marker 3 [T1]
-67.98 dBm
8.38437 GHz
Ref 1.5 dBm
Att 10 dB
Offset 1.5 dB
Start 1 GHz
1.25 GHz/
Stop 13.5 GHz
RBW 1 MHz
VBW 1 kHz
SWT 32.6 s
[T1] MP VIEW
Marker 1 [T1]
-71.44 dBm
19.89831 GHz
Ref 1.5 dBm
Att 10 dB
Offset 1.5 dB
Start 13.5 GHz
1.15 GHz/
Stop 25 GHz
RBW 1 MHz
VBW 1 kHz
SWT 42.5 s
[T1] MP VIEW
Marker 1 [T1]
-76.25 dBm
39.45062 GHz
Ref 1.5 dBm
Att 0 dB
Offset 1.5 dB
Start 25 GHz
1.5 GHz/
Stop 40 GHz

Bandedge table

No.	Frequency (MHz)	Emission Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Raw Value (dBm)	Correction Factor (dB)	EIRP Level (dBm)
1	5237.62 PK	112.13	*		11.27	5.6	16.87
2	5150 PK	56.36	74	-17.64	-44.5	5.6	-38.9
3	5131.92 PK	59.48	74	-14.52	-41.38	5.6	-35.78
4	5240.62 AV	100.86	*		0	5.6	5.6
5	5150 AV	44.12	54	-9.88	-56.74	5.6	-51.14
6	5149.55 AV	44.13	54	-9.87	-56.73	5.6	-51.13

Note :
1. Emission Level (dBuV/m) = EIRP Level (dBm) – 20log(d) + 104.8
   d = measurement distance in 3 meters.
2. * : Fundamental frequency, the limit was restricted at the output power.

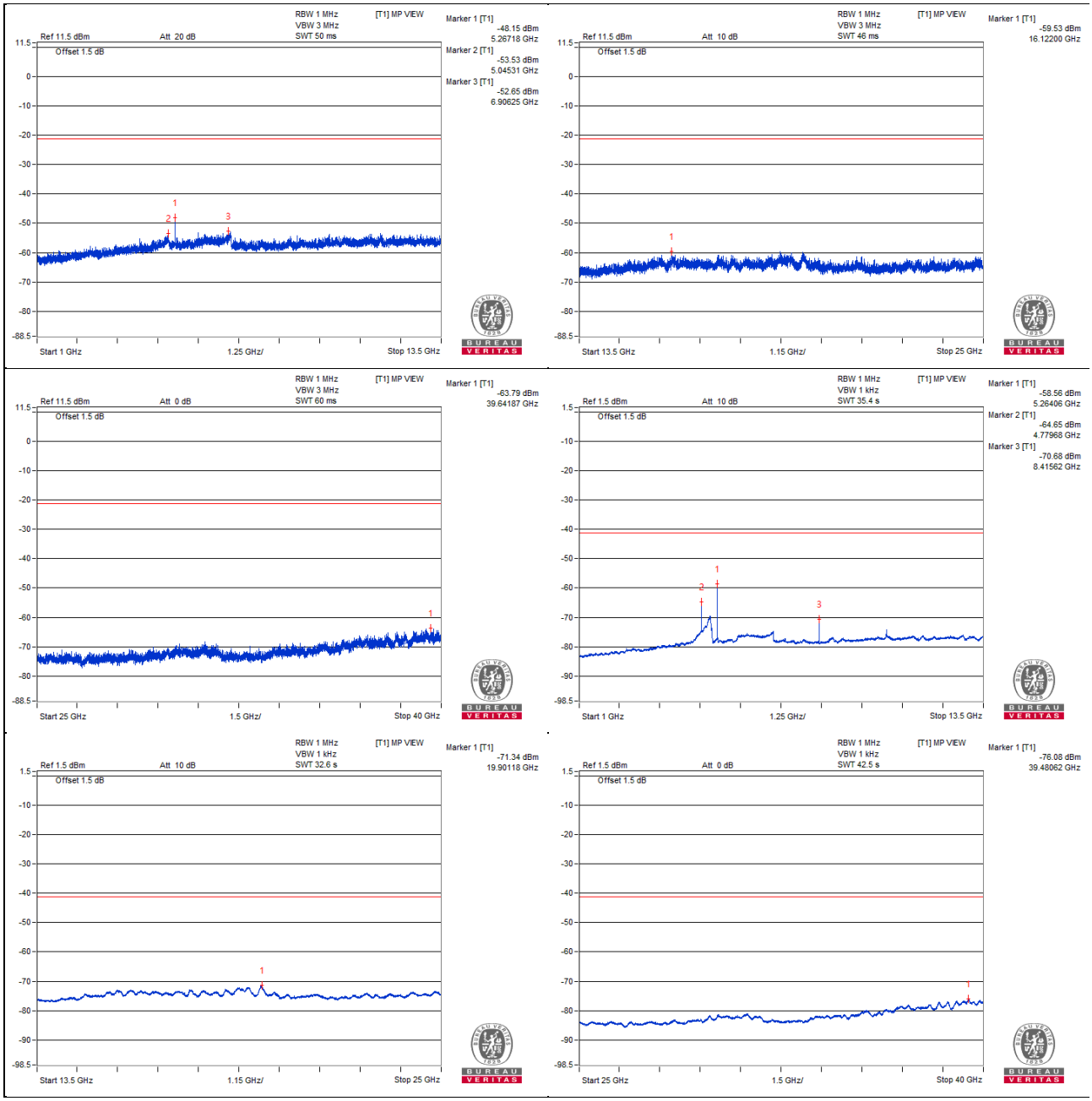


802.11ac (VHT20) - Channel 52

Conducted spurious emission table

No.	Frequency (MHz)	Emission Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Raw Value (dBm)	Correction Factor (dB)	EIRP Level (dBm)
1	5267.18 PK	53.41	*		-48.15	6.3	-41.85
2	5045.31 PK	48.03	74	-25.97	-53.53	6.3	-47.23
3	6906.25 PK	48.91	68.2	-19.29	-52.65	6.3	-46.35
4	16122 PK	42.03	74	-31.97	-59.53	6.3	-53.23
5	39641.87 PK	37.77	74	-36.23	-63.79	6.3	-57.49
6	5264.06 AV	43	*		-58.56	6.3	-52.26
7	4779.68 AV	36.91	54	-17.09	-64.65	6.3	-58.35
8	8415.62 AV	30.88	54	-23.12	-70.68	6.3	-64.38
9	19901.18 AV	30.22	54	-23.78	-71.34	6.3	-65.04
10	39480.62 AV	25.48	54	-28.52	-76.08	6.3	-69.78

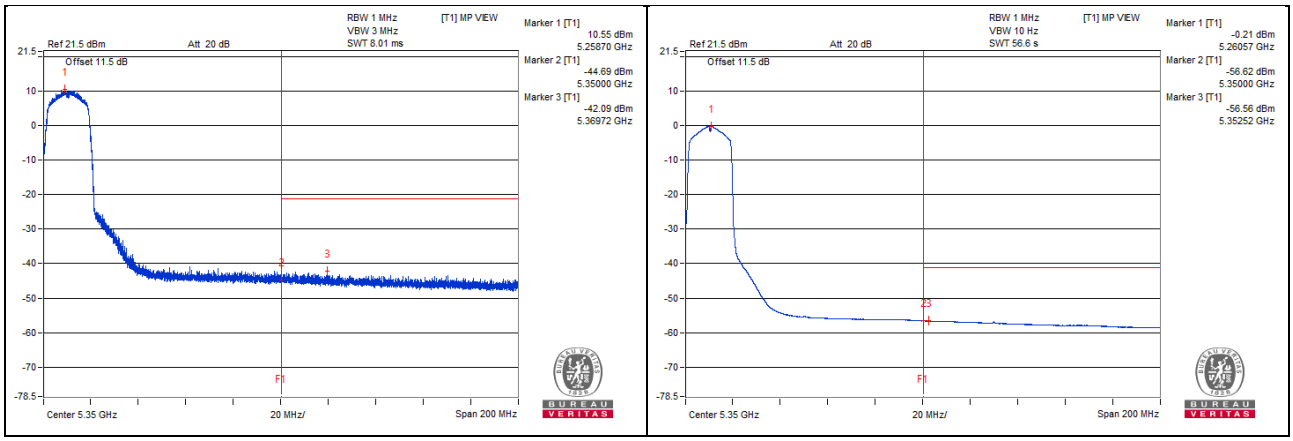
Note :
1. Emission Level (dBuV/m) = EIRP Level (dBm) – 20log(d) + 104.8
   d = measurement distance in 3 meters.
2. * : Fundamental frequency, the limit was restricted at the output power.


RBW 1 MHz
VBW 3 MHz
SWT 50 ms
[T1] MP VIEW
Ref 11.5 dBm
Att 20 dB
Offset 1.5 dB
Marker 1 [T1]
-48.15 dBm
5.26718 GHz
Marker 2 [T1]
-53.53 dBm
5.04531 GHz
Marker 3 [T1]
-52.65 dBm
6.90625 GHz
Start 1 GHz
1.25 GHz/
Stop 13.5 GHz
RBW 1 MHz
VBW 3 MHz
SWT 46 ms
[T1] MP VIEW
Ref 11.5 dBm
Att 10 dB
Offset 1.5 dB
Marker 1 [T1]
-59.53 dBm
16.12200 GHz
Start 13.5 GHz
1.15 GHz/
Stop 25 GHz
RBW 1 MHz
VBW 3 MHz
SWT 60 ms
[T1] MP VIEW
Ref 11.5 dBm
Att 0 dB
Offset 1.5 dB
Marker 1 [T1]
-63.79 dBm
39.64187 GHz
Start 25 GHz
1.5 GHz/
Stop 40 GHz
RBW 1 MHz
VBW 1 kHz
SWT 35.4 s
[T1] MP VIEW
Ref 1.5 dBm
Att 10 dB
Offset 1.5 dB
Marker 1 [T1]
-58.56 dBm
5.26406 GHz
Marker 2 [T1]
-64.65 dBm
4.77968 GHz
Marker 3 [T1]
-70.68 dBm
8.41562 GHz
Start 1 GHz
1.25 GHz/
Stop 13.5 GHz
RBW 1 MHz
VBW 1 kHz
SWT 32.6 s
[T1] MP VIEW
Ref 1.5 dBm
Att 10 dB
Offset 1.5 dB
Marker 1 [T1]
-71.34 dBm
19.90118 GHz
Start 13.5 GHz
1.15 GHz/
Stop 25 GHz
RBW 1 MHz
VBW 1 kHz
SWT 42.5 s
[T1] MP VIEW
Ref 1.5 dBm
Att 0 dB
Offset 1.5 dB
Marker 1 [T1]
-76.08 dBm
39.48062 GHz
Start 25 GHz
1.5 GHz/
Stop 40 GHz

Bandedge table

No.	Frequency (MHz)	Emission Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Raw Value (dBm)	Correction Factor (dB)	EIRP Level (dBm)
1	5258.7 PK	111.78	*		10.55	5.97	16.52
2	5350 PK	56.54	74	-17.46	-44.69	5.97	-38.72
3	5369.72 PK	59.14	74	-14.86	-42.09	5.97	-36.12
4	5260.57 AV	101.02	*		-0.21	5.97	5.76
5	5350 AV	44.61	54	-9.39	-56.62	5.97	-50.65
6	5352.52 AV	44.67	54	-9.33	-56.56	5.97	-50.59

Note :
1. Emission Level (dBuV/m) = EIRP Level (dBm) – 20log(d) + 104.8
   d = measurement distance in 3 meters.
2. * : Fundamental frequency, the limit was restricted at the output power.

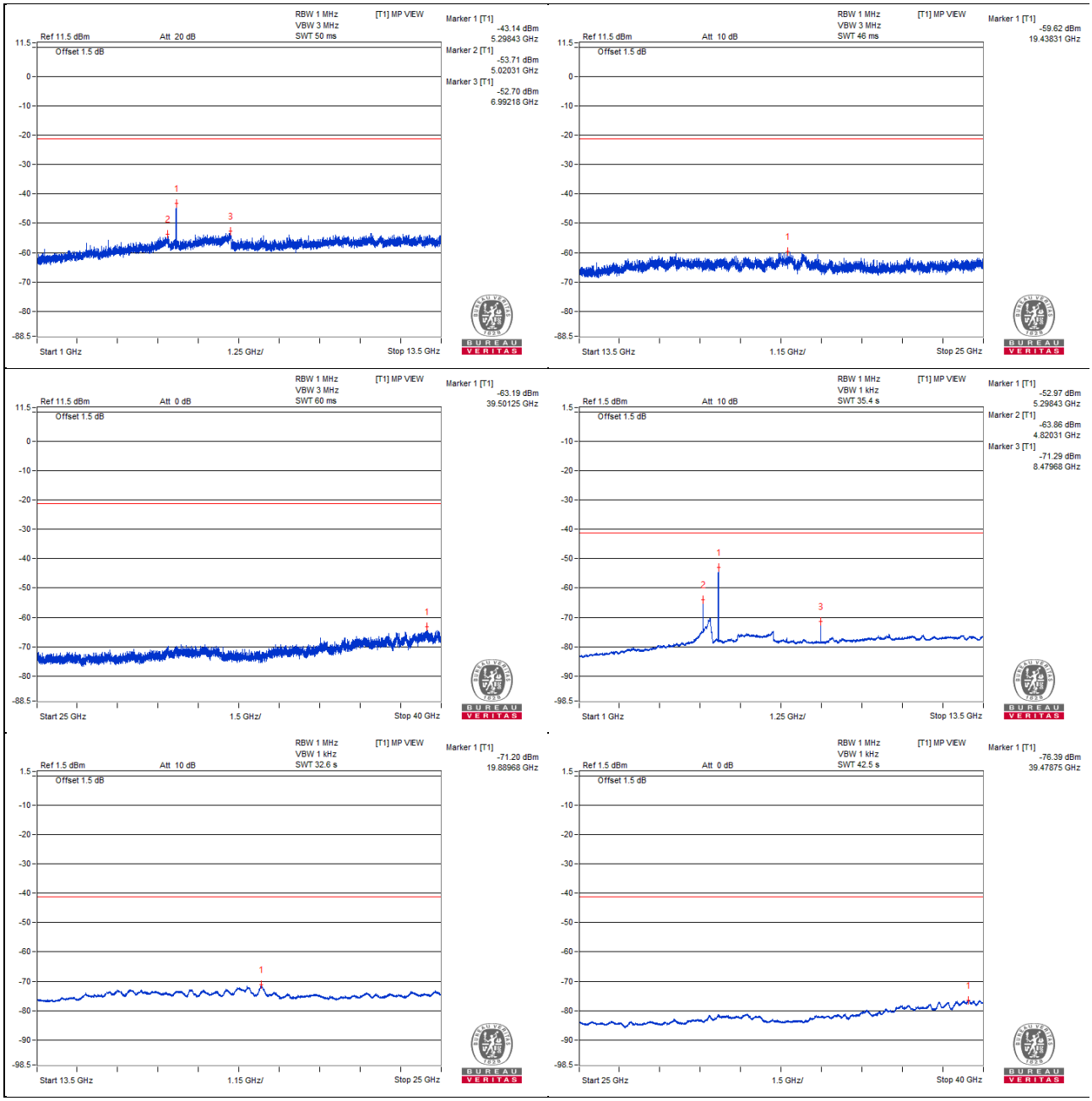


802.11ac (VHT20) - Channel 60

Conducted spurious emission table

No.	Frequency (MHz)	Emission Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Raw Value (dBm)	Correction Factor (dB)	EIRP Level (dBm)
1	5298.43 PK	58.42	*		-43.14	6.3	-36.84
2	5020.31 PK	47.85	74	-26.15	-53.71	6.3	-47.41
3	6992.18 PK	48.86	68.2	-19.34	-52.7	6.3	-46.4
4	19438.31 PK	41.94	74	-32.06	-59.62	6.3	-53.32
5	39501.25 PK	38.37	74	-35.63	-63.19	6.3	-56.89
6	5298.43 AV	48.59	*		-52.97	6.3	-46.67
7	4820.31 AV	37.7	54	-16.3	-63.86	6.3	-57.56
8	8479.68 AV	30.27	54	-23.73	-71.29	6.3	-64.99
9	19889.68 AV	30.36	54	-23.64	-71.2	6.3	-64.9
10	39478.75 AV	25.17	54	-28.83	-76.39	6.3	-70.09

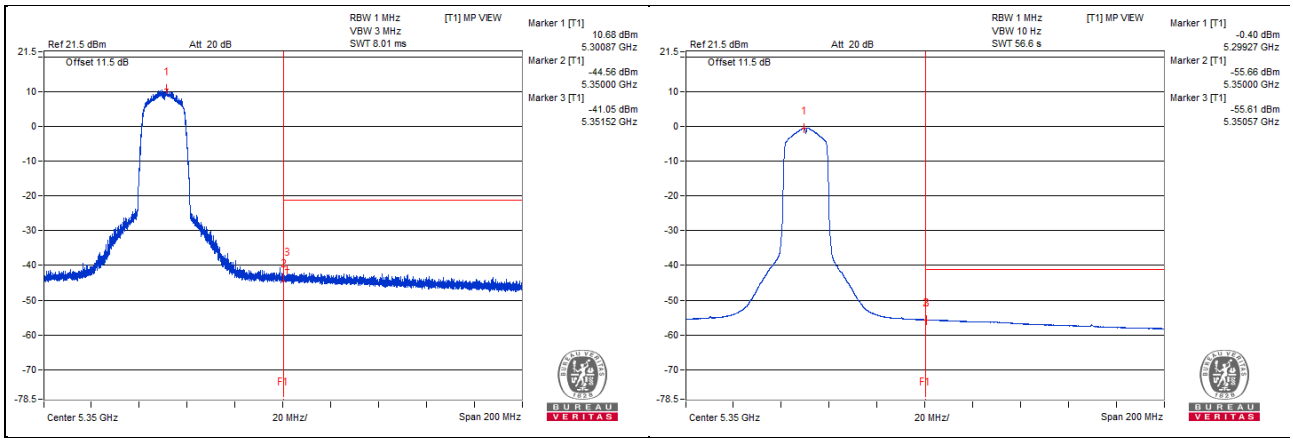
Note :
1. Emission Level (dBuV/m) = EIRP Level (dBm) – 20log(d) + 104.8
   d = measurement distance in 3 meters.
2. * : Fundamental frequency, the limit was restricted at the output power.


RBW 1 MHz
VBW 3 MHz
SWT 50 ms
[T1] MP VIEW
Marker 1 [T1]
-43.14 dBm
5.29843 GHz
Marker 2 [T1]
-53.71 dBm
5.02031 GHz
Marker 3 [T1]
-52.70 dBm
6.99218 GHz
Ref 11.5 dBm
Att 20 dB
Offset 1.5 dB
Start 1 GHz
1.25 GHz/
Stop 13.5 GHz
RBW 1 MHz
VBW 3 MHz
SWT 46 ms
[T1] MP VIEW
Marker 1 [T1]
-59.62 dBm
19.43831 GHz
Ref 11.5 dBm
Att 10 dB
Offset 1.5 dB
Start 13.5 GHz
1.15 GHz/
Stop 25 GHz
RBW 1 MHz
VBW 3 MHz
SWT 60 ms
[T1] MP VIEW
Marker 1 [T1]
-63.19 dBm
39.50125 GHz
Ref 11.5 dBm
Att 0 dB
Offset 1.5 dB
Start 25 GHz
1.5 GHz/
Stop 40 GHz
RBW 1 MHz
VBW 1 kHz
SWT 35.4 s
[T1] MP VIEW
Marker 1 [T1]
-52.97 dBm
5.29843 GHz
Marker 2 [T1]
-63.86 dBm
4.82031 GHz
Marker 3 [T1]
-71.29 dBm
8.47968 GHz
Ref 1.5 dBm
Att 10 dB
Offset 1.5 dB
Start 1 GHz
1.25 GHz/
Stop 13.5 GHz
RBW 1 MHz
VBW 1 kHz
SWT 32.6 s
[T1] MP VIEW
Marker 1 [T1]
-71.20 dBm
19.88968 GHz
Ref 1.5 dBm
Att 10 dB
Offset 1.5 dB
Start 13.5 GHz
1.15 GHz/
Stop 25 GHz
RBW 1 MHz
VBW 1 kHz
SWT 42.5 s
[T1] MP VIEW
Marker 1 [T1]
-76.39 dBm
39.47875 GHz
Ref 1.5 dBm
Att 0 dB
Offset 1.5 dB
Start 25 GHz
1.5 GHz/
Stop 40 GHz

Bandedge table

No.	Frequency (MHz)	Emission Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Raw Value (dBm)	Correction Factor (dB)	EIRP Level (dBm)
1	5300.87 PK	111.91	*		10.68	5.97	16.65
2	5350 PK	56.67	74	-17.33	-44.56	5.97	-38.59
3	5351.52 PK	60.18	74	-13.82	-41.05	5.97	-35.08
4	5299.27 AV	100.83	*		-0.4	5.97	5.57
5	5350 AV	45.57	54	-8.43	-55.66	5.97	-49.69
6	5350.57 AV	45.62	54	-8.38	-55.61	5.97	-49.64

Note :
1. Emission Level (dBuV/m) = EIRP Level (dBm) – 20log(d) + 104.8
   d = measurement distance in 3 meters.
2. * : Fundamental frequency, the limit was restricted at the output power.

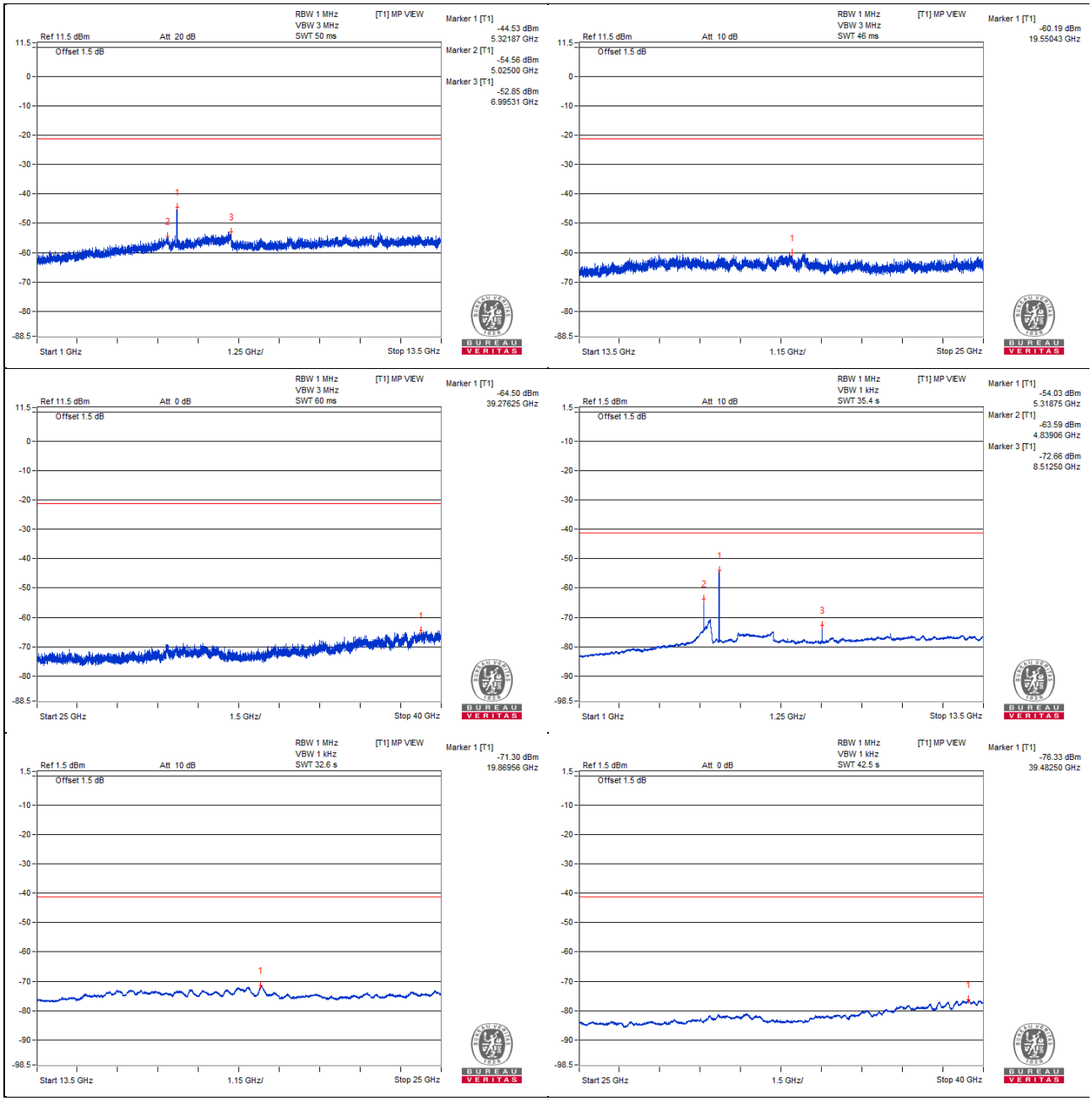


802.11ac (VHT20) - Channel 64

Conducted spurious emission table

No.	Frequency (MHz)	Emission Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Raw Value (dBm)	Correction Factor (dB)	EIRP Level (dBm)
1	5321.87 PK	57.03	*		-44.53	6.3	-38.23
2	5025 PK	47	74	-27	-54.56	6.3	-48.26
3	6995.31 PK	48.71	68.2	-19.49	-52.85	6.3	-46.55
4	19550.43 PK	41.37	74	-32.63	-60.19	6.3	-53.89
5	39276.25 PK	37.06	74	-36.94	-64.5	6.3	-58.2
6	5318.75 AV	47.53	*		-54.03	6.3	-47.73
7	4839.06 AV	37.97	54	-16.03	-63.59	6.3	-57.29
8	8512.5 AV	28.9	#		-72.66	6.3	-66.36
9	19869.56 AV	30.26	54	-23.74	-71.3	6.3	-65
10	39482.5 AV	25.23	54	-28.77	-76.33	6.3	-70.03

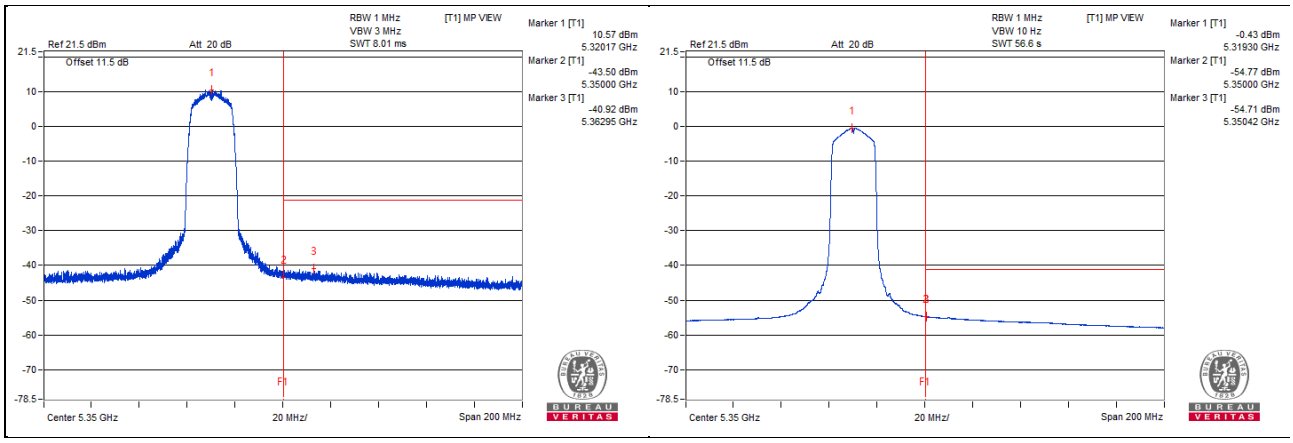
Note :
1. Emission Level (dBuV/m) = EIRP Level (dBm) – 20log(d) + 104.8
   d = measurement distance in 3 meters.
2. * : Fundamental frequency, the limit was restricted at the output power.
3. # : Non-restricted frequency, no limit for average emission.


RBW 1 MHz
VBW 3 MHz
SWT 50 ms
[T1] MP VIEW
Marker 1 [T1]
-44.53 dBm
5.32187 GHz
Marker 2 [T1]
-54.56 dBm
5.02500 GHz
Marker 3 [T1]
-52.85 dBm
6.99531 GHz
Ref 11.5 dBm
Att 20 dB
Offset 1.5 dB
Start 1 GHz
1.25 GHz/
Stop 13.5 GHz
RBW 1 MHz
VBW 3 MHz
SWT 46 ms
[T1] MP VIEW
Marker 1 [T1]
-60.19 dBm
19.55043 GHz
Ref 11.5 dBm
Att 10 dB
Offset 1.5 dB
Start 13.5 GHz
1.15 GHz/
Stop 25 GHz
RBW 1 MHz
VBW 3 MHz
SWT 60 ms
[T1] MP VIEW
Marker 1 [T1]
-64.50 dBm
39.27625 GHz
Ref 11.5 dBm
Att 0 dB
Offset 1.5 dB
Start 25 GHz
1.5 GHz/
Stop 40 GHz
RBW 1 MHz
VBW 1 kHz
SWT 35.4 s
[T1] MP VIEW
Marker 1 [T1]
-54.03 dBm
5.31875 GHz
Marker 2 [T1]
-63.59 dBm
4.83906 GHz
Marker 3 [T1]
-72.66 dBm
8.51250 GHz
Ref 1.5 dBm
Att 10 dB
Offset 1.5 dB
Start 1 GHz
1.25 GHz/
Stop 13.5 GHz
RBW 1 MHz
VBW 1 kHz
SWT 32.6 s
[T1] MP VIEW
Marker 1 [T1]
-71.30 dBm
19.86956 GHz
Ref 1.5 dBm
Att 10 dB
Offset 1.5 dB
Start 13.5 GHz
1.15 GHz/
Stop 25 GHz
RBW 1 MHz
VBW 1 kHz
SWT 42.5 s
[T1] MP VIEW
Marker 1 [T1]
-76.33 dBm
39.48250 GHz
Ref 1.5 dBm
Att 0 dB
Offset 1.5 dB
Start 25 GHz
1.5 GHz/
Stop 40 GHz

Bandedge table

No.	Frequency (MHz)	Emission Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Raw Value (dBm)	Correction Factor (dB)	EIRP Level (dBm)
1	5320.17 PK	111.8	*		10.57	5.97	16.54
2	5350 PK	57.73	74	-16.27	-43.5	5.97	-37.53
3	5362.95 PK	60.31	74	-13.69	-40.92	5.97	-34.95
4	5319.3 AV	100.8	*		-0.43	5.97	5.54
5	5350 AV	46.46	54	-7.54	-54.77	5.97	-48.8
6	5350.42 AV	46.52	54	-7.48	-54.71	5.97	-48.74

Note :
1. Emission Level (dBuV/m) = EIRP Level (dBm) – 20log(d) + 104.8
   d = measurement distance in 3 meters.
2. * : Fundamental frequency, the limit was restricted at the output power.

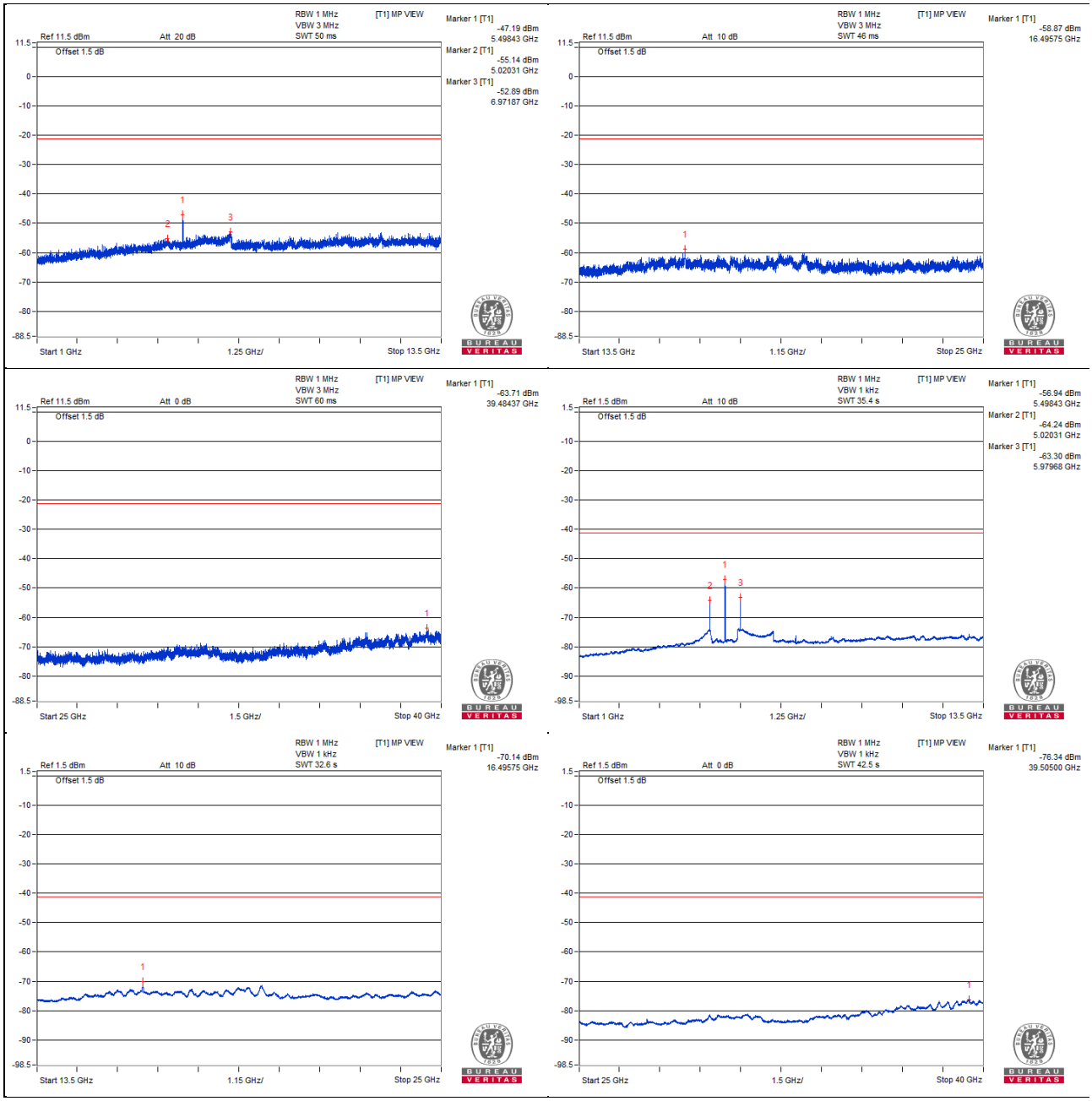


802.11ac (VHT20) - Channel 100

Conducted spurious emission table

No.	Frequency (MHz)	Emission Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Raw Value (dBm)	Correction Factor (dB)	EIRP Level (dBm)
1	5498.43 PK	54.37	*		-47.19	6.3	-40.89
2	5020.31 PK	46.42	74	-27.58	-55.14	6.3	-48.84
3	6971.87 PK	48.67	68.2	-19.53	-52.89	6.3	-46.59
4	16495.75 PK	42.69	68.2	-25.51	-58.87	6.3	-52.57
5	39484.37 PK	37.85	74	-36.15	-63.71	6.3	-57.41
6	5498.43 AV	44.62	*		-56.94	6.3	-50.64
7	5020.31 AV	37.32	54	-16.68	-64.24	6.3	-57.94
8	5979.68 AV	38.26	#		-63.3	6.3	-57
9	16495.75 AV	31.42	#		-70.14	6.3	-63.84
10	39505 AV	25.22	54	-28.78	-76.34	6.3	-70.04

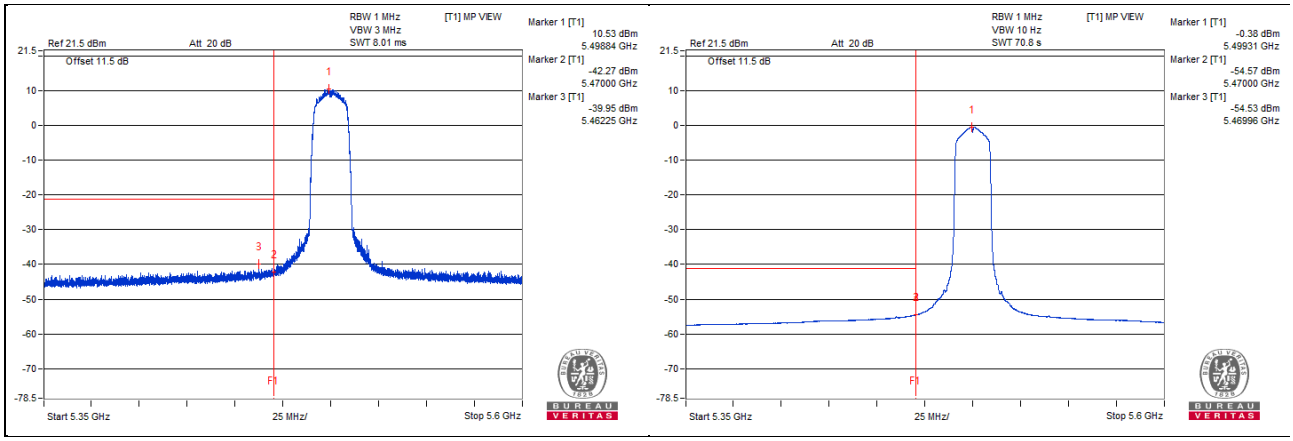
Note :
1. Emission Level (dBuV/m) = EIRP Level (dBm) – 20log(d) + 104.8
   d = measurement distance in 3 meters.
2. * : Fundamental frequency, the limit was restricted at the output power.
3. # : Non-restricted frequency, no limit for average emission.


RBW 1 MHz
VBW 3 MHz
SWT 50 ms
[T1] MP VIEW
Marker 1 [T1]
-47.19 dBm
5.49843 GHz
Marker 2 [T1]
-55.14 dBm
5.02031 GHz
Marker 3 [T1]
-52.89 dBm
6.97187 GHz
Ref 11.5 dBm
Att 20 dB
Offset 1.5 dB
Start 1 GHz
1.25 GHz/
Stop 13.5 GHz
RBW 1 MHz
VBW 3 MHz
SWT 46 ms
[T1] MP VIEW
Marker 1 [T1]
-58.87 dBm
16.49575 GHz
Ref 11.5 dBm
Att 10 dB
Offset 1.5 dB
Start 13.5 GHz
1.15 GHz/
Stop 25 GHz
RBW 1 MHz
VBW 3 MHz
SWT 60 ms
[T1] MP VIEW
Marker 1 [T1]
-63.71 dBm
39.48437 GHz
Ref 11.5 dBm
Att 0 dB
Offset 1.5 dB
Start 25 GHz
1.5 GHz/
Stop 40 GHz
RBW 1 MHz
VBW 1 kHz
SWT 35.4 s
[T1] MP VIEW
Marker 1 [T1]
-56.94 dBm
5.49843 GHz
Marker 2 [T1]
-64.24 dBm
5.02031 GHz
Marker 3 [T1]
-63.30 dBm
5.97968 GHz
Ref 1.5 dBm
Att 10 dB
Offset 1.5 dB
Start 1 GHz
1.25 GHz/
Stop 13.5 GHz
RBW 1 MHz
VBW 1 kHz
SWT 32.6 s
[T1] MP VIEW
Marker 1 [T1]
-70.14 dBm
16.49575 GHz
Ref 1.5 dBm
Att 10 dB
Offset 1.5 dB
Start 13.5 GHz
1.15 GHz/
Stop 25 GHz
RBW 1 MHz
VBW 1 kHz
SWT 42.5 s
[T1] MP VIEW
Marker 1 [T1]
-76.34 dBm
39.50500 GHz
Ref 1.5 dBm
Att 0 dB
Offset 1.5 dB
Start 25 GHz
1.5 GHz/
Stop 40 GHz

Bandedge table

No.	Frequency (MHz)	Emission Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Raw Value (dBm)	Correction Factor (dB)	EIRP Level (dBm)
1	5498.84 PK	111.72	*		10.53	5.93	16.46
2	5470 PK	58.92	68.2	-9.28	-42.27	5.93	-36.34
3	5462.25 PK	61.24	68.2	-6.96	-39.95	5.93	-34.02
4	5499.31 AV	100.81	*		-0.38	5.93	5.55
5	5470 AV	46.62	#		-54.57	5.93	-48.64
6	5469.96 AV	46.66	#		-54.53	5.93	-48.6

Note :
1. Emission Level (dBuV/m) = EIRP Level (dBm) – 20log(d) + 104.8
   d = measurement distance in 3 meters.
2. * : Fundamental frequency, the limit was restricted at the output power.
3. # : Non-restricted frequency, no limit for average emission.

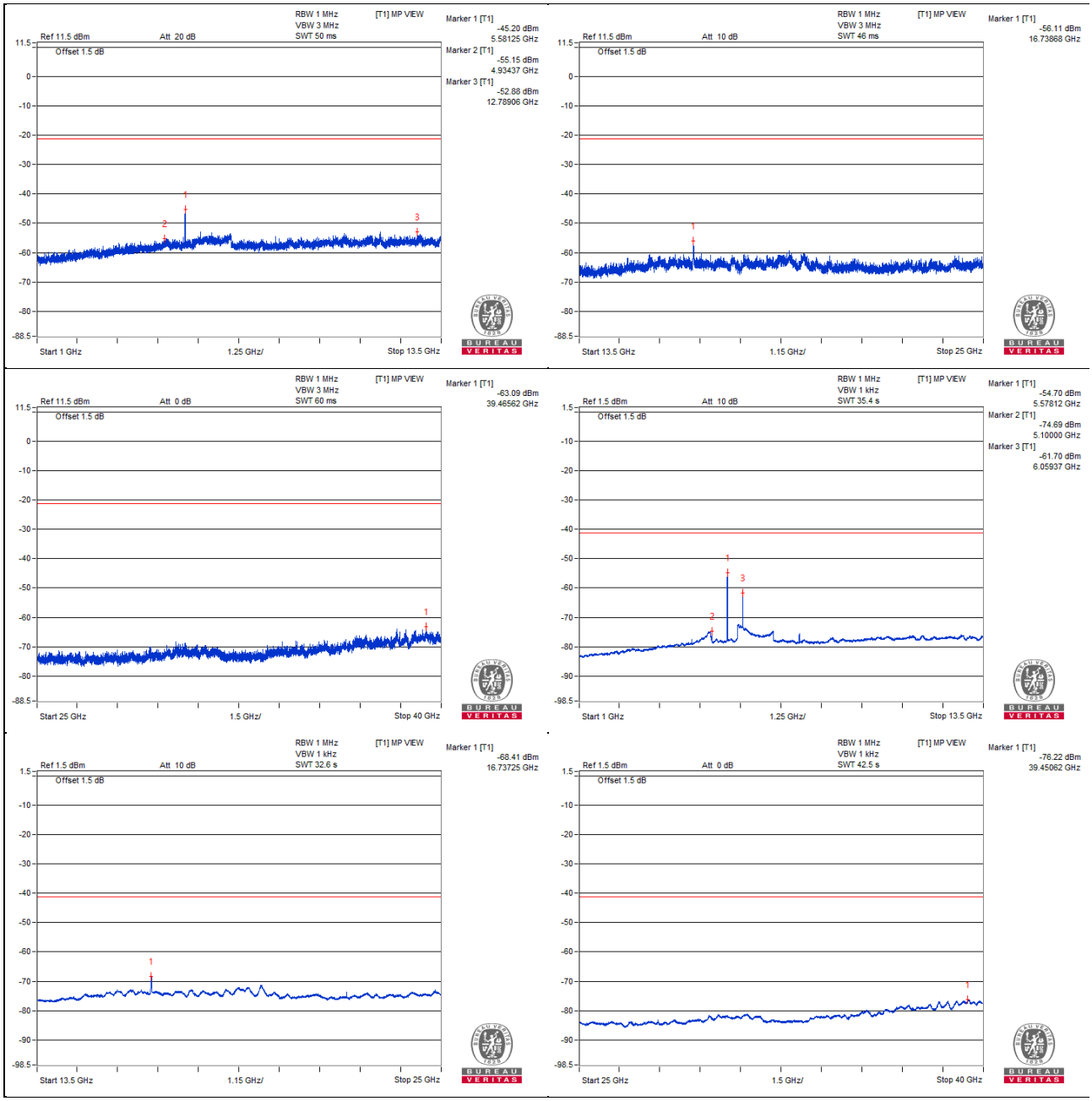


802.11ac (VHT20) - Channel 116

Conducted spurious emission table

No.	Frequency (MHz)	Emission Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Raw Value (dBm)	Correction Factor (dB)	EIRP Level (dBm)
1	5581.25 PK	56.36	*		-45.2	6.3	-38.9
2	4934.37 PK	46.41	74	-27.59	-55.15	6.3	-48.85
3	12789.06 PK	48.68	68.2	-19.52	-52.88	6.3	-46.58
4	16738.68 PK	45.45	68.2	-22.75	-56.11	6.3	-49.81
5	39465.62 PK	38.47	74	-35.53	-63.09	6.3	-56.79
6	5578.12 AV	46.86	*		-54.7	6.3	-48.4
7	5100 AV	26.87	54	-27.13	-74.69	6.3	-68.39
8	6059.37 AV	39.86	#		-61.7	6.3	-55.4
9	16737.25 AV	33.15	#		-68.41	6.3	-62.11
10	39450.62 AV	25.34	54	-28.66	-76.22	6.3	-69.92

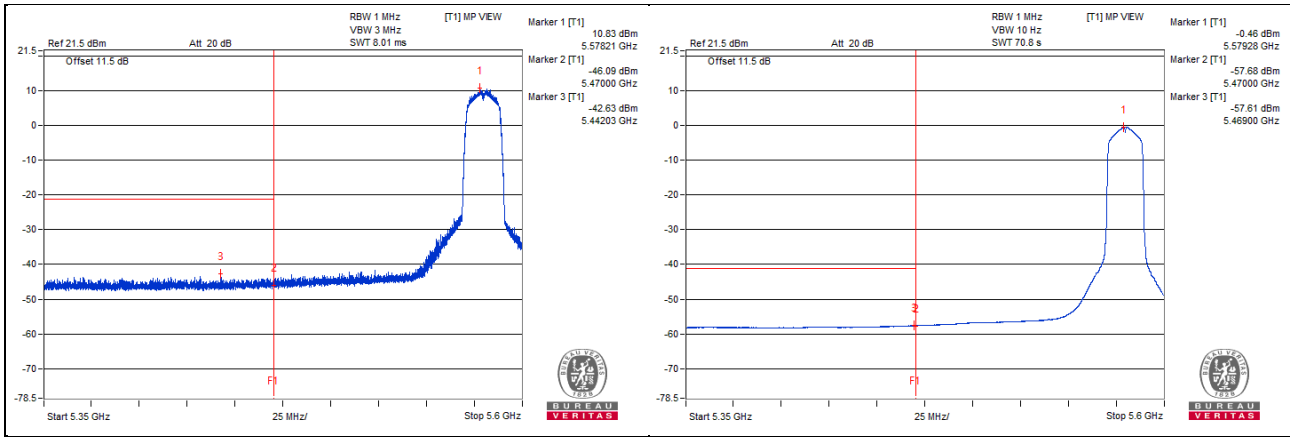
Note :
1. Emission Level (dBuV/m) = EIRP Level (dBm) – 20log(d) + 104.8
   d = measurement distance in 3 meters.
2. * : Fundamental frequency, the limit was restricted at the output power.
3. # : Non-restricted frequency, no limit for average emission.


RBW 1 MHz
VBW 3 MHz
SWT 50 ms
[T1] MP VIEW
Marker 1 [T1]
-45.20 dBm
5.58125 GHz
Marker 2 [T1]
-55.15 dBm
4.93437 GHz
Marker 3 [T1]
-52.88 dBm
12.78906 GHz
Ref 11.5 dBm
Att 20 dB
Offset 1.5 dB
Start 1 GHz
1.25 GHz/
Stop 13.5 GHz
RBW 1 MHz
VBW 3 MHz
SWT 46 ms
[T1] MP VIEW
Marker 1 [T1]
-56.11 dBm
16.73868 GHz
Ref 11.5 dBm
Att 10 dB
Offset 1.5 dB
Start 13.5 GHz
1.15 GHz/
Stop 25 GHz
RBW 1 MHz
VBW 3 MHz
SWT 60 ms
[T1] MP VIEW
Marker 1 [T1]
-63.09 dBm
39.46562 GHz
Ref 11.5 dBm
Att 0 dB
Offset 1.5 dB
Start 25 GHz
1.5 GHz/
Stop 40 GHz
RBW 1 MHz
VBW 1 kHz
SWT 35.4 s
[T1] MP VIEW
Marker 1 [T1]
-54.70 dBm
5.57812 GHz
Marker 2 [T1]
-74.69 dBm
5.10000 GHz
Marker 3 [T1]
-61.70 dBm
6.05937 GHz
Ref 1.5 dBm
Att 10 dB
Offset 1.5 dB
Start 1 GHz
1.25 GHz/
Stop 13.5 GHz
RBW 1 MHz
VBW 1 kHz
SWT 32.6 s
[T1] MP VIEW
Marker 1 [T1]
-68.41 dBm
16.73725 GHz
Ref 1.5 dBm
Att 10 dB
Offset 1.5 dB
Start 13.5 GHz
1.15 GHz/
Stop 25 GHz
RBW 1 MHz
VBW 1 kHz
SWT 42.5 s
[T1] MP VIEW
Marker 1 [T1]
-76.22 dBm
39.45062 GHz
Ref 1.5 dBm
Att 0 dB
Offset 1.5 dB
Start 25 GHz
1.5 GHz/
Stop 40 GHz

Bandedge table

No.	Frequency (MHz)	Emission Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Raw Value (dBm)	Correction Factor (dB)	EIRP Level (dBm)
1	5578.21 PK	112.02	*		10.83	5.93	16.76
2	5470 PK	55.1	68.2	-13.1	-46.09	5.93	-40.16
3	5442.03 PK	58.56	74	-15.44	-42.63	5.93	-36.7
4	5579.28 AV	100.73	*		-0.46	5.93	5.47
5	5470 AV	43.51	#		-57.68	5.93	-51.75
6	5469 AV	43.58	#		-57.61	5.93	-51.68

Note :
1. Emission Level (dBuV/m) = EIRP Level (dBm) – 20log(d) + 104.8
   d = measurement distance in 3 meters.
2. * : Fundamental frequency, the limit was restricted at the output power.
3. # : Non-restricted frequency, no limit for average emission.

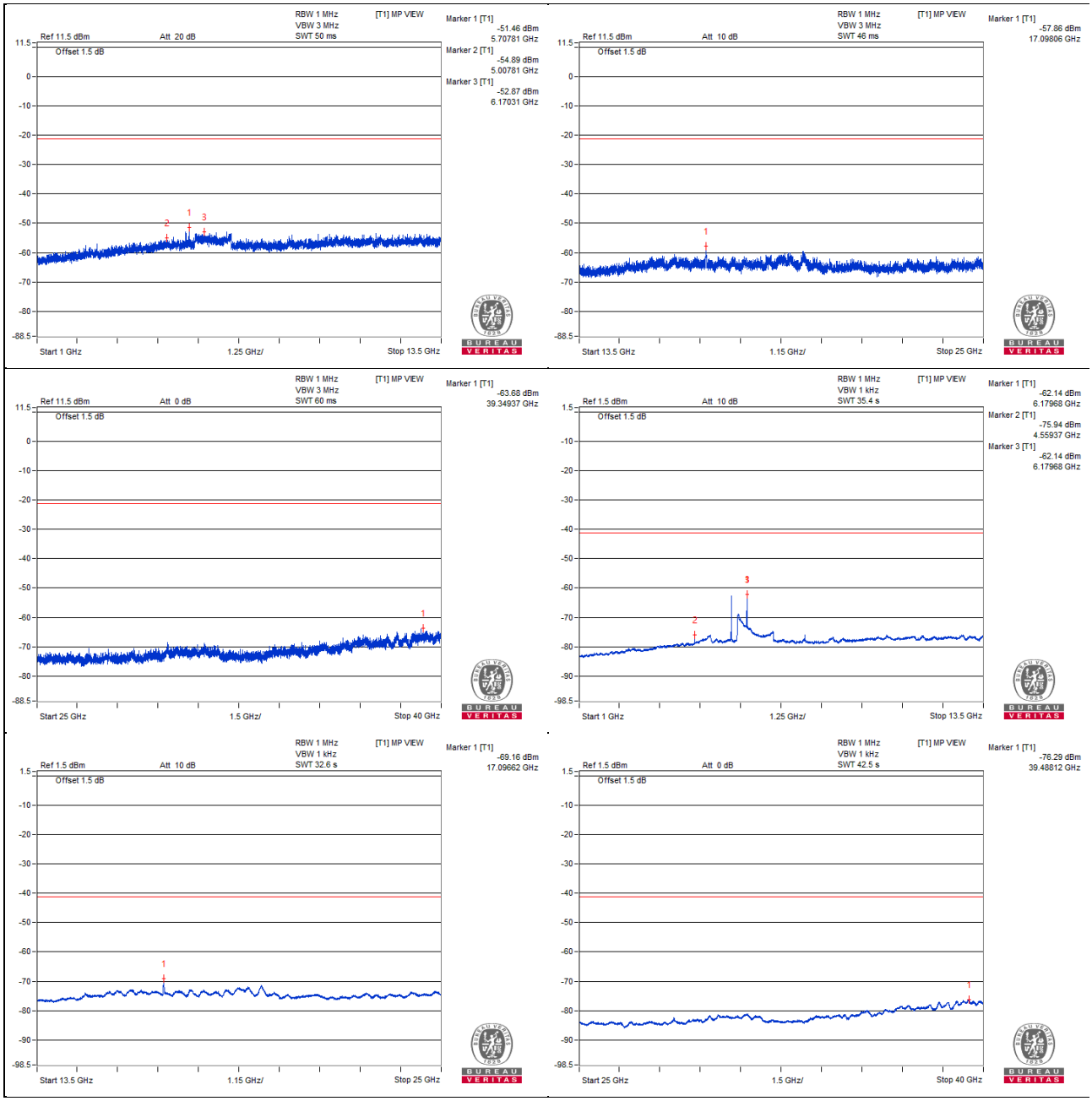


802.11ac (VHT20) - Channel 140

Conducted spurious emission table

No.	Frequency (MHz)	Emission Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Raw Value (dBm)	Correction Factor (dB)	EIRP Level (dBm)
1	5707.81 PK	50.1	*		-51.46	6.3	-45.16
2	5007.81 PK	46.67	74	-27.33	-54.89	6.3	-48.59
3	6170.31 PK	48.69	68.2	-19.51	-52.87	6.3	-46.57
4	17098.06 PK	43.7	68.2	-24.5	-57.86	6.3	-51.56
5	39349.37 PK	37.88	74	-36.12	-63.68	6.3	-57.38
6	6179.68 AV	39.42	#		-62.14	6.3	-55.84
7	4559.37 AV	25.62	54	-28.38	-75.94	6.3	-69.64
8	6179.68 AV	39.42	#		-62.14	6.3	-55.84
9	17096.62 AV	32.4	#		-69.16	6.3	-62.86
10	39488.12 AV	25.27	54	-28.73	-76.29	6.3	-69.99

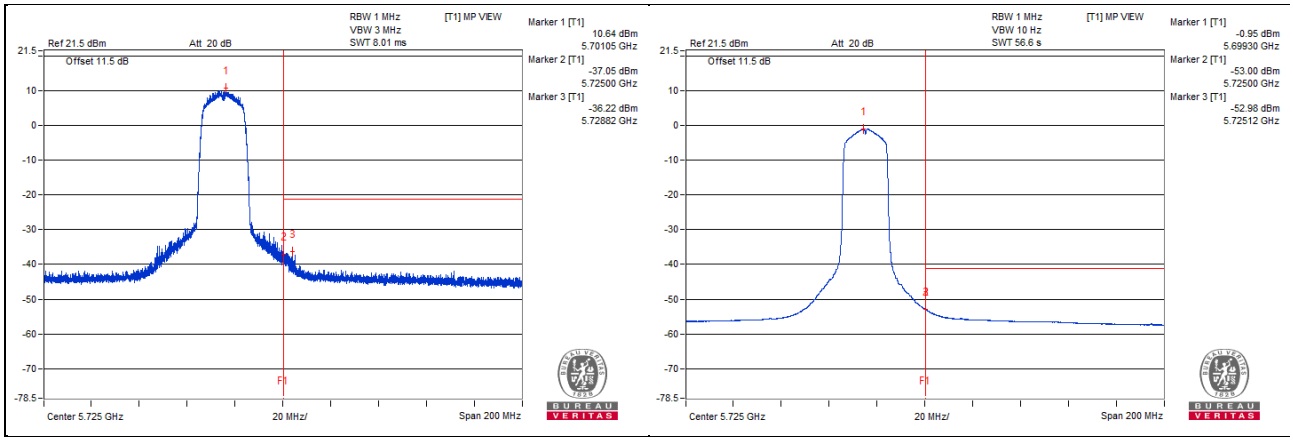
Note :
1. Emission Level (dBuV/m) = EIRP Level (dBm) – 20log(d) + 104.8
   d = measurement distance in 3 meters.
2. * : Fundamental frequency, the limit was restricted at the output power.
3. # : Non-restricted frequency, no limit for average emission.


RBW 1 MHz
VBW 3 MHz
SWT 50 ms
[T1] MP VIEW
Marker 1 [T1]
-51.46 dBm
5.70781 GHz
Marker 2 [T1]
-54.89 dBm
5.00781 GHz
Marker 3 [T1]
-52.87 dBm
6.17031 GHz
Ref 11.5 dBm
Att 20 dB
Offset 1.5 dB
Start 1 GHz
1.25 GHz/
Stop 13.5 GHz
RBW 1 MHz
VBW 3 MHz
SWT 46 ms
[T1] MP VIEW
Marker 1 [T1]
-57.86 dBm
17.09806 GHz
Ref 11.5 dBm
Att 10 dB
Offset 1.5 dB
Start 13.5 GHz
1.15 GHz/
Stop 25 GHz
RBW 1 MHz
VBW 3 MHz
SWT 60 ms
[T1] MP VIEW
Marker 1 [T1]
-63.68 dBm
39.34937 GHz
Ref 11.5 dBm
Att 0 dB
Offset 1.5 dB
Start 25 GHz
1.5 GHz/
Stop 40 GHz
RBW 1 MHz
VBW 1 kHz
SWT 35.4 s
[T1] MP VIEW
Marker 1 [T1]
-62.14 dBm
6.17968 GHz
Marker 2 [T1]
-75.94 dBm
4.55937 GHz
Marker 3 [T1]
-62.14 dBm
6.17968 GHz
Ref 1.5 dBm
Att 10 dB
Offset 1.5 dB
Start 1 GHz
1.25 GHz/
Stop 13.5 GHz
RBW 1 MHz
VBW 1 kHz
SWT 32.6 s
[T1] MP VIEW
Marker 1 [T1]
-69.16 dBm
17.09662 GHz
Ref 1.5 dBm
Att 10 dB
Offset 1.5 dB
Start 13.5 GHz
1.15 GHz/
Stop 25 GHz
RBW 1 MHz
VBW 1 kHz
SWT 42.5 s
[T1] MP VIEW
Marker 1 [T1]
-76.29 dBm
39.48812 GHz
Ref 1.5 dBm
Att 0 dB
Offset 1.5 dB
Start 25 GHz
1.5 GHz/
Stop 40 GHz

Bandedge table

No.	Frequency (MHz)	Emission Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Raw Value (dBm)	Correction Factor (dB)	EIRP Level (dBm)
1	5701.05 PK	111.83	*		10.64	5.93	16.57
2	5725 PK	64.14	68.2	-4.06	-37.05	5.93	-31.12
3	5728.82 PK	64.97	68.2	-3.23	-36.22	5.93	-30.29
4	5699.3 AV	100.24	*		-0.95	5.93	4.98
5	5725 AV	48.19	#		-53	5.93	-47.07
6	5725.12 AV	48.21	#		-52.98	5.93	-47.05

Note :
1. Emission Level (dBuV/m) = EIRP Level (dBm) – 20log(d) + 104.8
   d = measurement distance in 3 meters.
2. * : Fundamental frequency, the limit was restricted at the output power.
3. # : Non-restricted frequency, no limit for average emission.

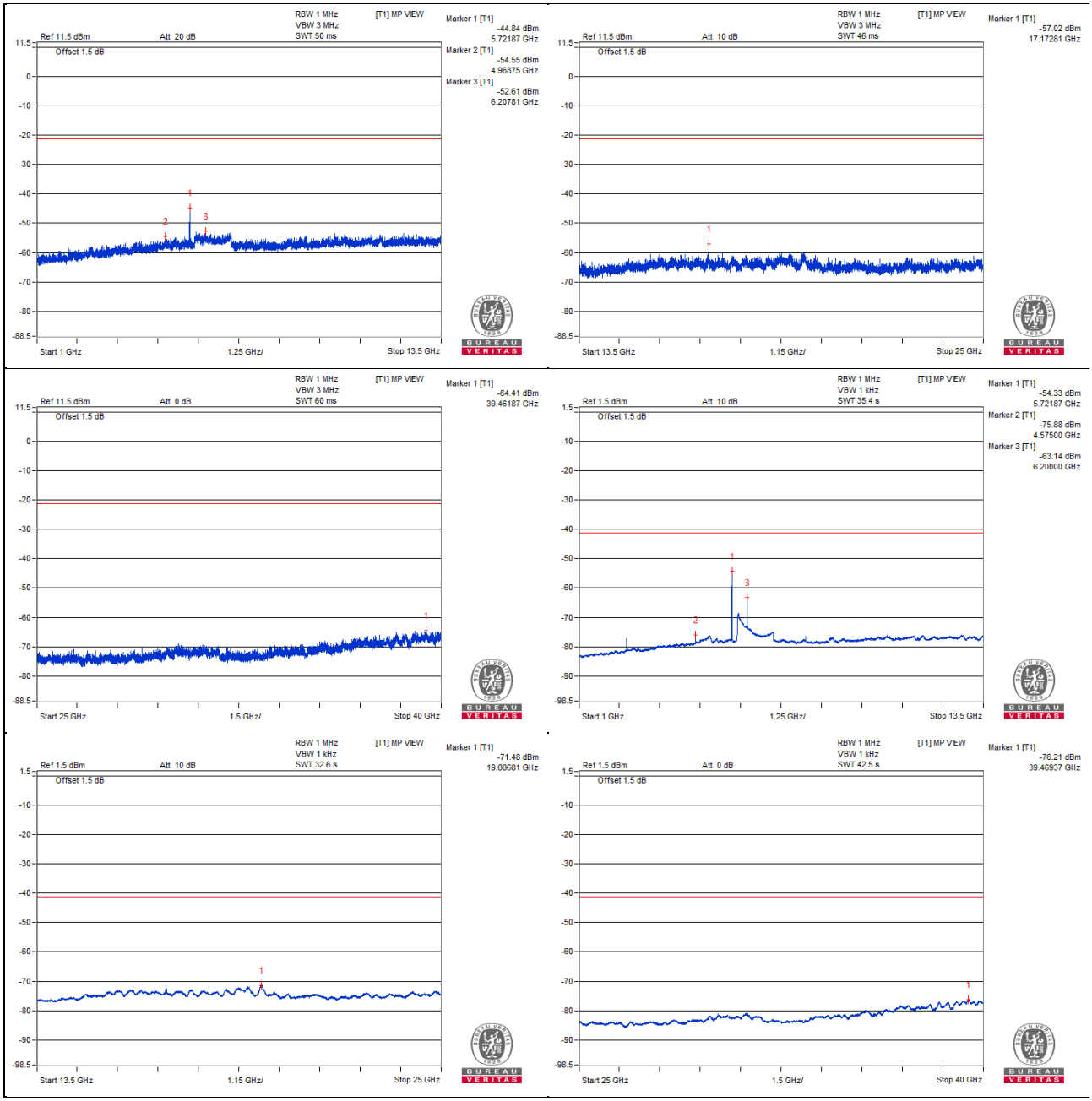


802.11ac (VHT20) - Channel 144

Conducted spurious emission table

No.	Frequency (MHz)	Emission Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Raw Value (dBm)	Correction Factor (dB)	EIRP Level (dBm)
1	5721.87 PK	56.72	*		-44.84	6.3	-38.54
2	4968.75 PK	47.01	74	-26.99	-54.55	6.3	-48.25
3	6207.81 PK	48.95	68.2	-19.25	-52.61	6.3	-46.31
4	17172.81 PK	44.54	68.2	-23.66	-57.02	6.3	-50.72
5	39461.87 PK	37.15	74	-36.85	-64.41	6.3	-58.11
6	5721.87 AV	47.23	*		-54.33	6.3	-48.03
7	4575 AV	25.68	54	-28.32	-75.88	6.3	-69.58
8	6200 AV	38.42	#		-63.14	6.3	-56.84
9	19886.81 AV	30.08	54	-23.92	-71.48	6.3	-65.18
10	39469.37 AV	25.35	54	-28.65	-76.21	6.3	-69.91

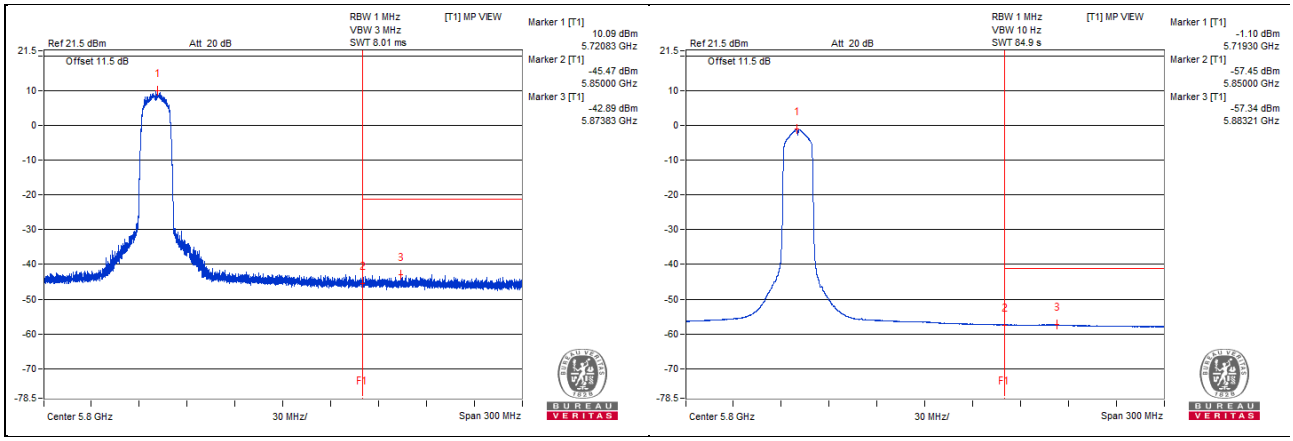
Note :
1. Emission Level (dBuV/m) = EIRP Level (dBm) – 20log(d) + 104.8
   d = measurement distance in 3 meters.
2. * : Fundamental frequency, the limit was restricted at the output power.
3. # : Non-restricted frequency, no limit for average emission.


RBW 1 MHz
VBW 3 MHz
SWT 50 ms
[T1] MP VIEW
Marker 1 [T1]
-44.84 dBm
5.72187 GHz
Marker 2 [T1]
-54.55 dBm
4.96875 GHz
Marker 3 [T1]
-52.61 dBm
6.20781 GHz
Ref 11.5 dBm
Att 20 dB
Offset 1.5 dB
Start 1 GHz
1.25 GHz/
Stop 13.5 GHz
RBW 1 MHz
VBW 3 MHz
SWT 46 ms
[T1] MP VIEW
Marker 1 [T1]
-57.02 dBm
17.17281 GHz
Ref 11.5 dBm
Att 10 dB
Offset 1.5 dB
Start 13.5 GHz
1.15 GHz/
Stop 25 GHz
RBW 1 MHz
VBW 3 MHz
SWT 60 ms
[T1] MP VIEW
Marker 1 [T1]
-64.41 dBm
39.46187 GHz
Ref 11.5 dBm
Att 0 dB
Offset 1.5 dB
Start 25 GHz
1.5 GHz/
Stop 40 GHz
RBW 1 MHz
VBW 1 kHz
SWT 35.4 s
[T1] MP VIEW
Marker 1 [T1]
-54.33 dBm
5.72187 GHz
Marker 2 [T1]
-75.88 dBm
4.57500 GHz
Marker 3 [T1]
-63.14 dBm
6.20000 GHz
Ref 1.5 dBm
Att 10 dB
Offset 1.5 dB
Start 1 GHz
1.25 GHz/
Stop 13.5 GHz
RBW 1 MHz
VBW 1 kHz
SWT 32.6 s
[T1] MP VIEW
Marker 1 [T1]
-71.48 dBm
19.88681 GHz
Ref 1.5 dBm
Att 10 dB
Offset 1.5 dB
Start 13.5 GHz
1.15 GHz/
Stop 25 GHz
RBW 1 MHz
VBW 1 kHz
SWT 42.5 s
[T1] MP VIEW
Marker 1 [T1]
-76.21 dBm
39.46937 GHz
Ref 1.5 dBm
Att 0 dB
Offset 1.5 dB
Start 25 GHz
1.5 GHz/
Stop 40 GHz

Bandedge table

No.	Frequency (MHz)	Emission Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Raw Value (dBm)	Correction Factor (dB)	EIRP Level (dBm)
1	5720.83 PK	111.65	*		10.09	6.3	16.39
2	5850 PK	56.09	68.2	-12.11	-45.47	6.3	-39.17
3	5873.83 PK	58.67	68.2	-9.53	-42.89	6.3	-36.59
4	5719.3 AV	100.46	*		-1.1	6.3	5.2
5	5850 AV	44.11	#		-57.45	6.3	-51.15
6	5883.21 AV	44.22	#		-57.34	6.3	-51.04

Note :
1. Emission Level (dBuV/m) = EIRP Level (dBm) – 20log(d) + 104.8
   d = measurement distance in 3 meters.
2. * : Fundamental frequency, the limit was restricted at the output power.
3. # : Non-restricted frequency, no limit for average emission.



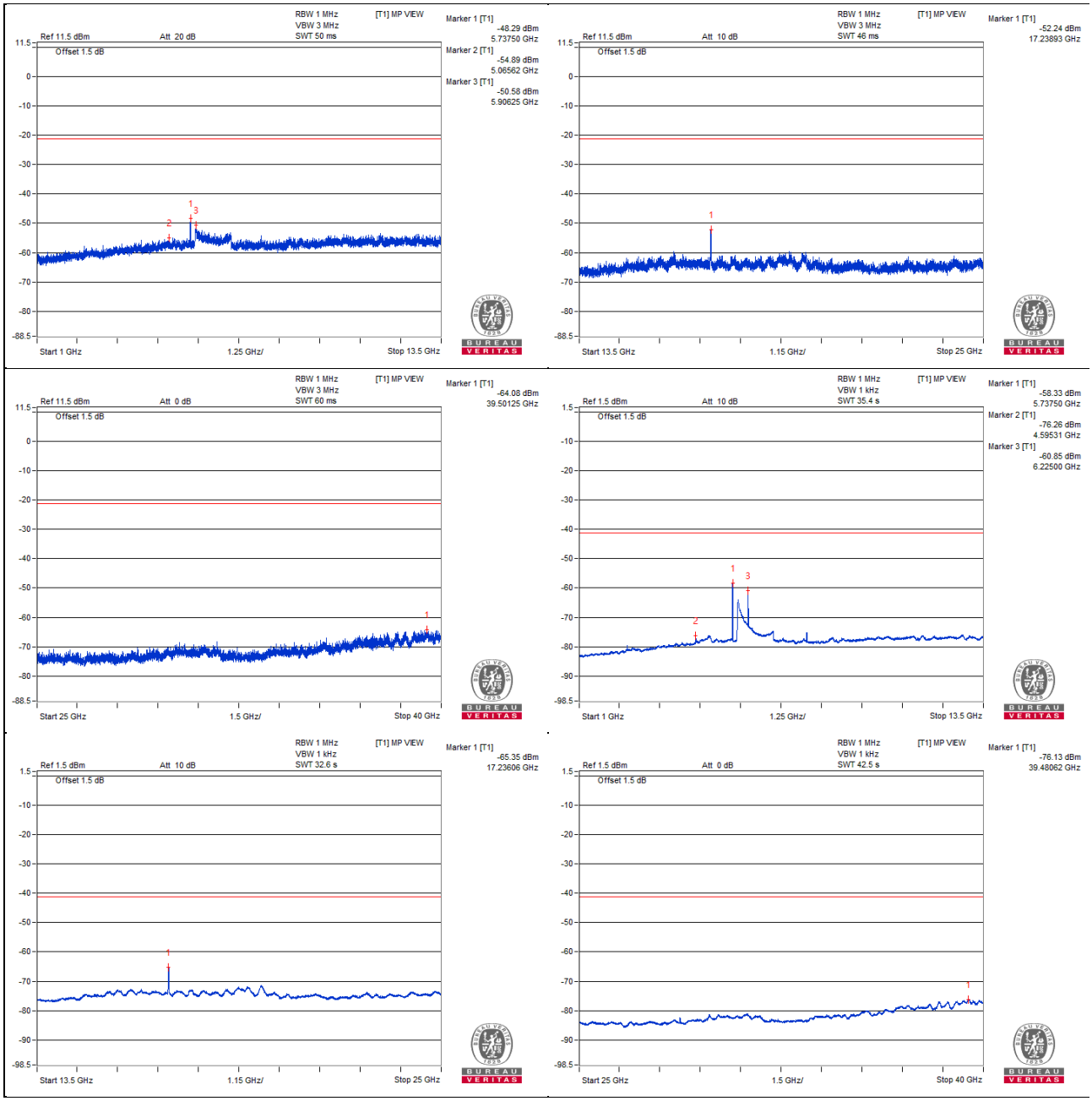
802.11ac (VHT20) – Channel 149

Conducted spurious emission table

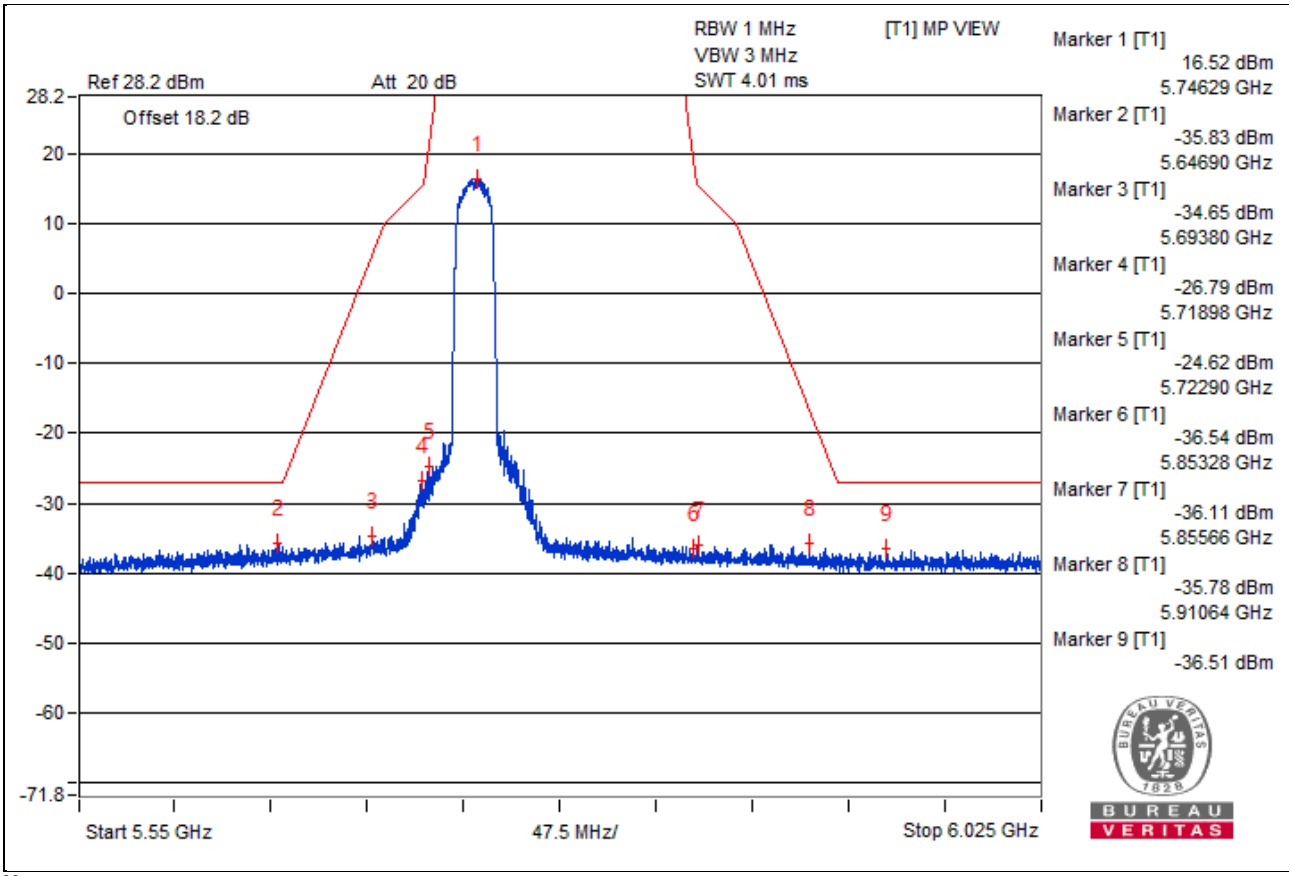
No.	Frequency (MHz)	Emission Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Raw Value (dBm)	Correction Factor (dB)	EIRP Level (dBm)
1	5737.5 PK	53.27	*		-48.29	6.3	-41.99
2	5065.62 PK	46.67	74	-27.33	-54.89	6.3	-48.59
3	5906.25 PK	50.98	68.2	-17.22	-50.58	6.3	-44.28
4	17238.93 PK	49.32	68.2	-18.88	-52.24	6.3	-45.94
5	39501.25 PK	37.48	74	-36.52	-64.08	6.3	-57.78
6	5737.5 AV	43.23	*		-58.33	6.3	-52.03
7	4595.31 AV	25.3	54	-28.7	-76.26	6.3	-69.96
8	6225 AV	40.71	#		-60.85	6.3	-54.55
9	17236.06 AV	36.21	#		-65.35	6.3	-59.05
10	39480.62 AV	25.43	54	-28.57	-76.13	6.3	-69.83

Note :

1. Emission Level (dBuV/m) = EIRP Level (dBm) – 20log(d) + 104.8
   d = measurement distance in 3 meters.
2. * : Fundamental frequency, the limit was restricted at the output power.
3. # : Non-restricted frequency, no limit for average emission.


RBW 1 MHz
VBW 3 MHz
SWT 50 ms
[T1] MP VIEW
Marker 1 [T1]
-48.29 dBm
5.73750 GHz
Marker 2 [T1]
-54.89 dBm
5.06562 GHz
Marker 3 [T1]
-50.58 dBm
5.90625 GHz
Ref 11.5 dBm
Att 20 dB
Offset 1.5 dB
Start 1 GHz
1.25 GHz/
Stop 13.5 GHz
RBW 1 MHz
VBW 3 MHz
SWT 46 ms
[T1] MP VIEW
Marker 1 [T1]
-52.24 dBm
17.23893 GHz
Ref 11.5 dBm
Att 10 dB
Offset 1.5 dB
Start 13.5 GHz
1.15 GHz/
Stop 25 GHz
RBW 1 MHz
VBW 3 MHz
SWT 60 ms
[T1] MP VIEW
Marker 1 [T1]
-64.08 dBm
39.50125 GHz
Ref 11.5 dBm
Att 0 dB
Offset 1.5 dB
Start 25 GHz
1.5 GHz/
Stop 40 GHz
RBW 1 MHz
VBW 1 kHz
SWT 35.4 s
[T1] MP VIEW
Marker 1 [T1]
-58.33 dBm
5.73750 GHz
Marker 2 [T1]
-76.26 dBm
4.59531 GHz
Marker 3 [T1]
-60.85 dBm
6.22500 GHz
Ref 1.5 dBm
Att 10 dB
Offset 1.5 dB
Start 1 GHz
1.25 GHz/
Stop 13.5 GHz
RBW 1 MHz
VBW 1 kHz
SWT 32.6 s
[T1] MP VIEW
Marker 1 [T1]
-65.35 dBm
17.23606 GHz
Ref 1.5 dBm
Att 10 dB
Offset 1.5 dB
Start 13.5 GHz
1.15 GHz/
Stop 25 GHz
RBW 1 MHz
VBW 1 kHz
SWT 42.5 s
[T1] MP VIEW
Marker 1 [T1]
-76.13 dBm
39.48062 GHz
Ref 1.5 dBm
Att 0 dB
Offset 1.5 dB
Start 25 GHz
1.5 GHz/
Stop 40 GHz

Bandedge table



Note:
1. The offset including attenuator (10dB), cable loss (1.9 dB) and antenna gain (6.3 dBi).
2. The test results were EIRP.

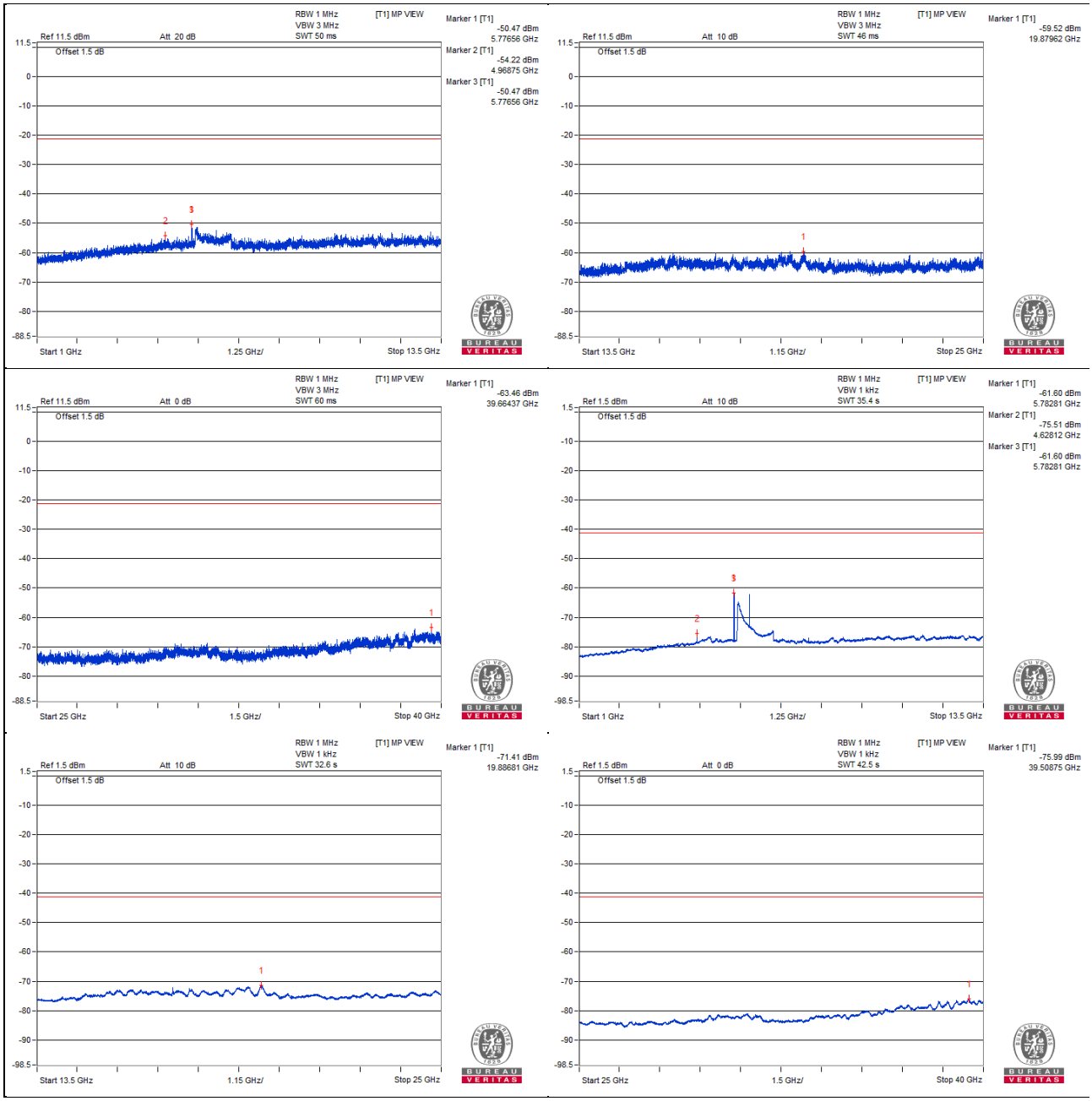
802.11ac (VHT20) – Channel 157

Conducted spurious emission table

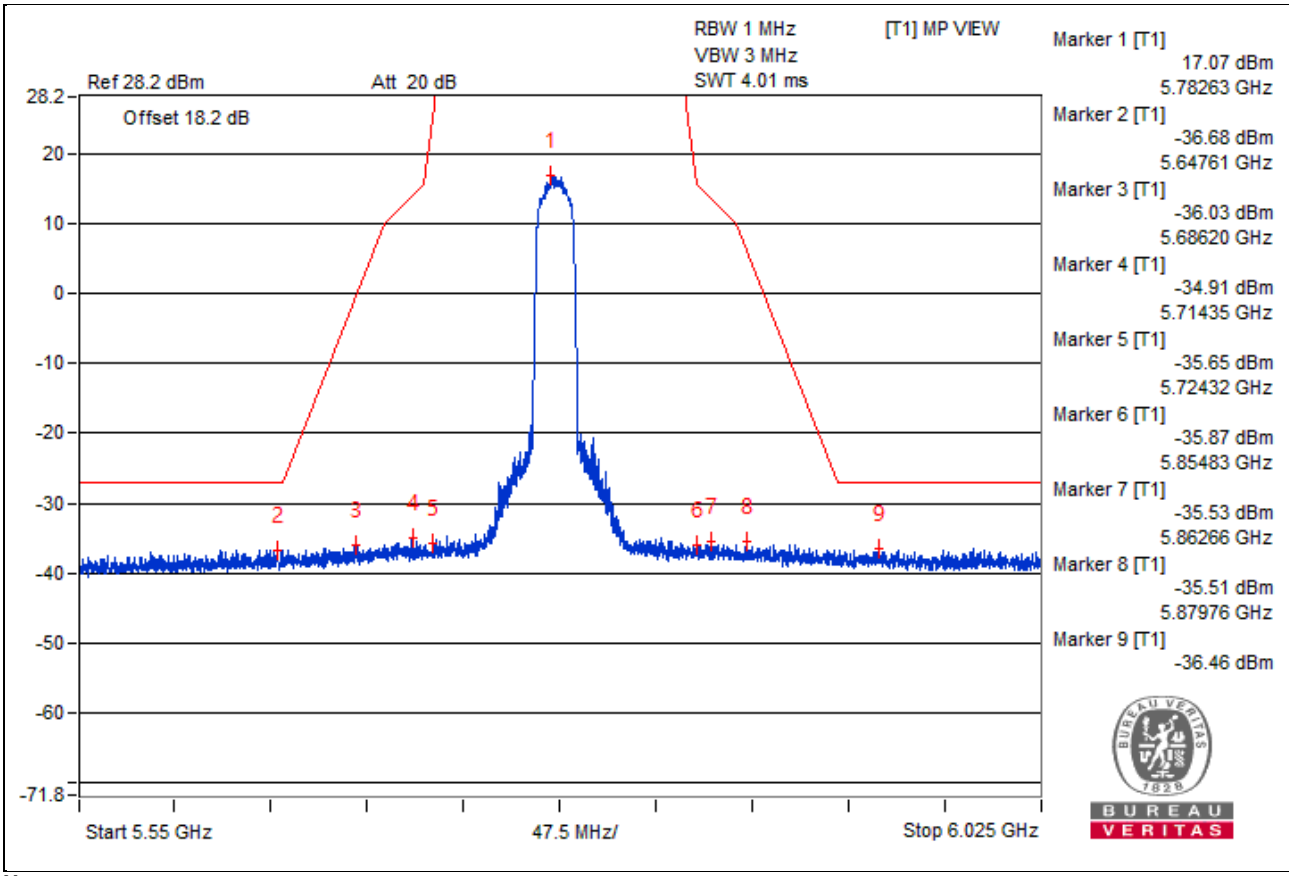
No.	Frequency (MHz)	Emission Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Raw Value (dBm)	Correction Factor (dB)	EIRP Level (dBm)
1	5776.56 PK	51.09	*		-50.47	6.3	-44.17
2	4968.75 PK	47.34	74	-26.66	-54.22	6.3	-47.92
3	5776.56 PK	51.09	*		-50.47	6.3	-44.17
4	19879.62 PK	42.04	74	-31.96	-59.52	6.3	-53.22
5	39664.37 PK	38.1	74	-35.9	-63.46	6.3	-57.16
6	5782.81 AV	39.96	*		-61.6	6.3	-55.3
7	4628.12 AV	26.05	54	-27.95	-75.51	6.3	-69.21
8	5782.81 AV	39.96	*		-61.6	6.3	-55.3
9	19886.81 AV	30.15	54	-23.85	-71.41	6.3	-65.11
10	39508.75 AV	25.57	54	-28.43	-75.99	6.3	-69.69

Note :

1. Emission Level (dBuV/m) = EIRP Level (dBm) – 20log(d) + 104.8
   d = measurement distance in 3 meters.
2. * : Fundamental frequency, the limit was restricted at the output power.


RBW 1 MHz
VBW 3 MHz
SWT 50 ms
[T1] MP VIEW
Marker 1 [T1]
-50.47 dBm
5.77656 GHz
Marker 2 [T1]
-54.22 dBm
4.96875 GHz
Marker 3 [T1]
-50.47 dBm
5.77656 GHz
Ref 11.5 dBm
Att 20 dB
Offset 1.5 dB
Start 1 GHz
1.25 GHz/
Stop 13.5 GHz
RBW 1 MHz
VBW 3 MHz
SWT 46 ms
[T1] MP VIEW
Marker 1 [T1]
-59.52 dBm
19.87962 GHz
Ref 11.5 dBm
Att 10 dB
Offset 1.5 dB
Start 13.5 GHz
1.15 GHz/
Stop 25 GHz
RBW 1 MHz
VBW 3 MHz
SWT 60 ms
[T1] MP VIEW
Marker 1 [T1]
-63.46 dBm
39.66437 GHz
Ref 11.5 dBm
Att 0 dB
Offset 1.5 dB
Start 25 GHz
1.5 GHz/
Stop 40 GHz
RBW 1 kHz
VBW 1 kHz
SWT 35.4 s
[T1] MP VIEW
Marker 1 [T1]
-61.60 dBm
5.78281 GHz
Marker 2 [T1]
-75.51 dBm
4.62812 GHz
Marker 3 [T1]
-61.60 dBm
5.78281 GHz
Ref 1.5 dBm
Att 10 dB
Offset 1.5 dB
Start 1 GHz
1.25 GHz/
Stop 13.5 GHz
RBW 1 kHz
VBW 1 kHz
SWT 32.6 s
[T1] MP VIEW
Marker 1 [T1]
-71.41 dBm
19.88681 GHz
Ref 1.5 dBm
Att 10 dB
Offset 1.5 dB
Start 13.5 GHz
1.15 GHz/
Stop 25 GHz
RBW 1 kHz
VBW 1 kHz
SWT 42.5 s
[T1] MP VIEW
Marker 1 [T1]
-75.99 dBm
39.50875 GHz
Ref 1.5 dBm
Att 0 dB
Offset 1.5 dB
Start 25 GHz
1.5 GHz/
Stop 40 GHz

Bandedge table



Note:
1. The offset including attenuator (10dB), cable loss (1.9 dB) and antenna gain (6.3 dBi).
2. The test results were EIRP.

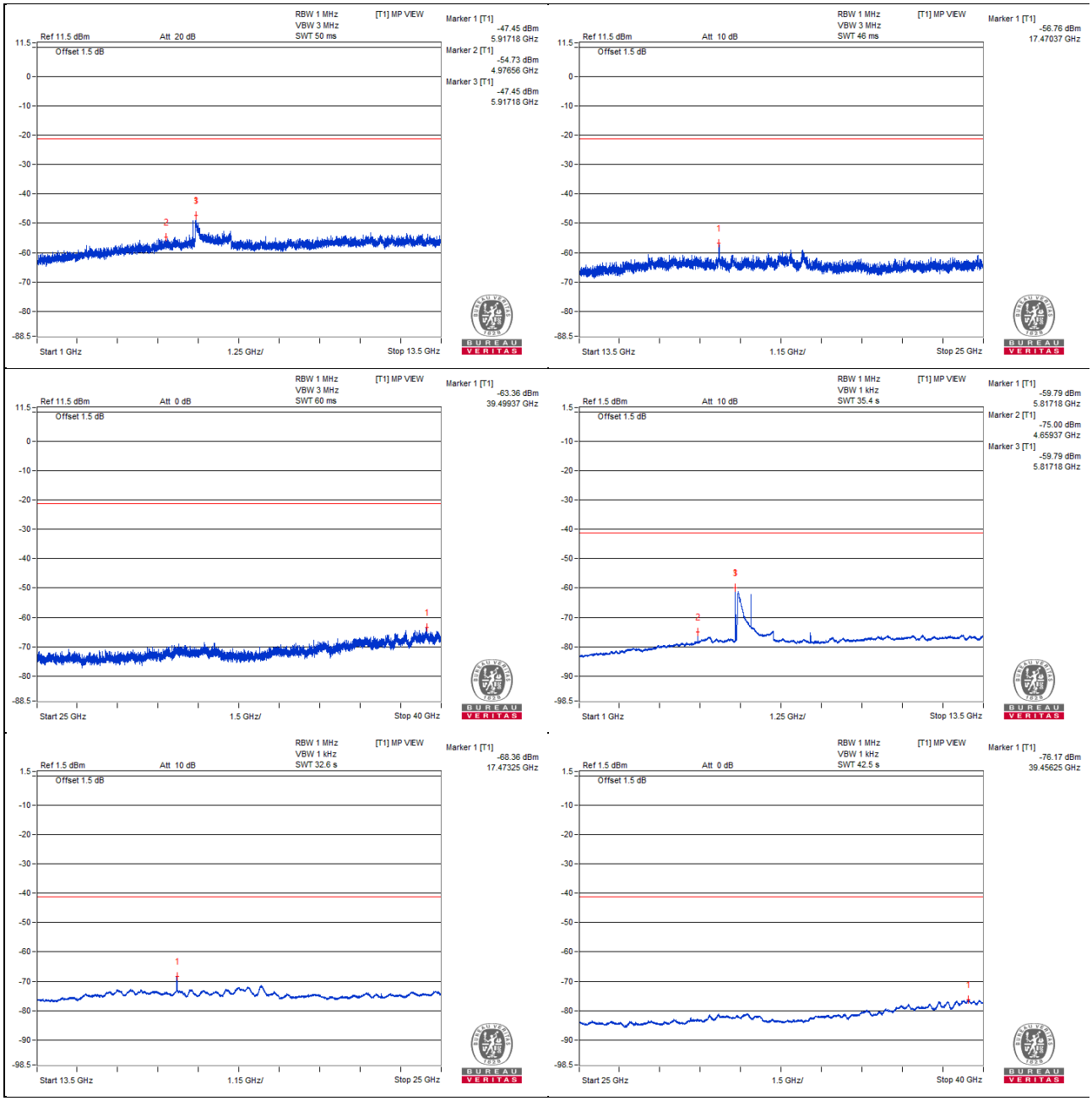
802.11ac (VHT20) – Channel 165

Conducted spurious emission table

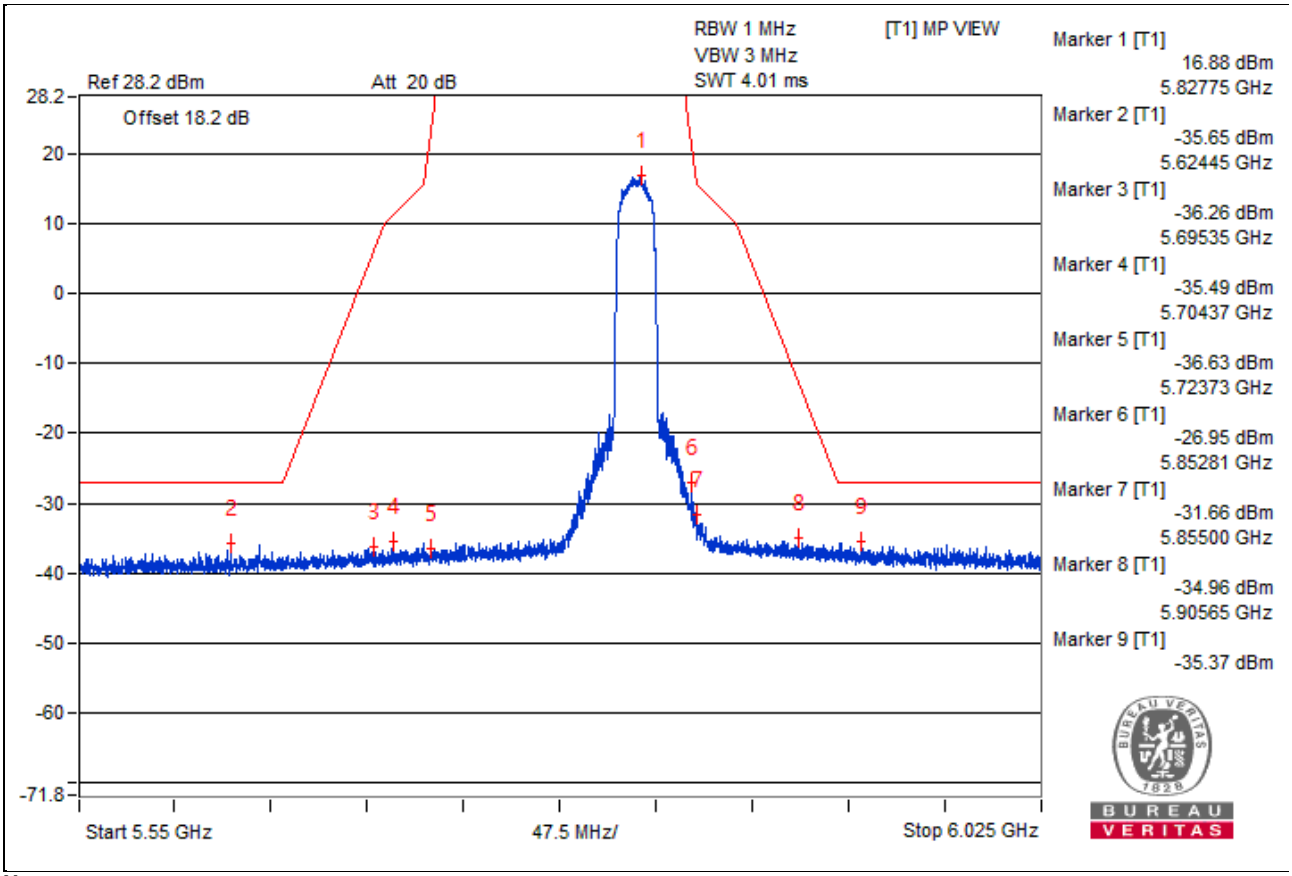
No.	Frequency (MHz)	Emission Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Raw Value (dBm)	Correction Factor (dB)	EIRP Level (dBm)
1	5917.18 PK	54.11	68.2	-14.09	-47.45	6.3	-41.15
2	4976.56 PK	46.83	74	-27.17	-54.73	6.3	-48.43
3	5917.18 PK	54.11	68.2	-14.09	-47.45	6.3	-41.15
4	17470.37 PK	44.8	68.2	-23.4	-56.76	6.3	-50.46
5	39499.37 PK	38.2	74	-35.8	-63.36	6.3	-57.06
6	5817.18 AV	41.77	*		-59.79	6.3	-53.49
7	4659.37 AV	26.56	54	-27.44	-75	6.3	-68.7
8	5817.18 AV	41.77	*		-59.79	6.3	-53.49
9	17473.25 AV	33.2	#		-68.36	6.3	-62.06
10	39456.25 AV	25.39	54	-28.61	-76.17	6.3	-69.87

Note :

1. Emission Level (dBuV/m) = EIRP Level (dBm) – 20log(d) + 104.8
   d = measurement distance in 3 meters.
2. * : Fundamental frequency, the limit was restricted at the output power.
3. # : Non-restricted frequency, no limit for average emission.


RBW 1 MHz
VBW 3 MHz
SWT 50 ms
[T1] MP VIEW
Marker 1 [T1]
-47.45 dBm
5.91718 GHz
Marker 2 [T1]
-54.73 dBm
4.97656 GHz
Marker 3 [T1]
-47.45 dBm
5.91718 GHz
Ref 11.5 dBm
Att 20 dB
Offset 1.5 dB
Start 1 GHz
1.25 GHz/
Stop 13.5 GHz
RBW 1 MHz
VBW 3 MHz
SWT 46 ms
[T1] MP VIEW
Marker 1 [T1]
-56.76 dBm
17.47037 GHz
Ref 11.5 dBm
Att 10 dB
Offset 1.5 dB
Start 13.5 GHz
1.15 GHz/
Stop 25 GHz
RBW 1 MHz
VBW 3 MHz
SWT 60 ms
[T1] MP VIEW
Marker 1 [T1]
-63.36 dBm
39.49937 GHz
Ref 11.5 dBm
Att 0 dB
Offset 1.5 dB
Start 25 GHz
1.5 GHz/
Stop 40 GHz
RBW 1 MHz
VBW 1 kHz
SWT 35.4 s
[T1] MP VIEW
Marker 1 [T1]
-59.79 dBm
5.81718 GHz
Marker 2 [T1]
-75.00 dBm
4.65937 GHz
Marker 3 [T1]
-59.79 dBm
5.81718 GHz
Ref 1.5 dBm
Att 10 dB
Offset 1.5 dB
Start 1 GHz
1.25 GHz/
Stop 13.5 GHz
RBW 1 MHz
VBW 1 kHz
SWT 32.6 s
[T1] MP VIEW
Marker 1 [T1]
-68.36 dBm
17.47325 GHz
Ref 1.5 dBm
Att 10 dB
Offset 1.5 dB
Start 13.5 GHz
1.15 GHz/
Stop 25 GHz
RBW 1 MHz
VBW 1 kHz
SWT 42.5 s
[T1] MP VIEW
Marker 1 [T1]
-76.17 dBm
39.45625 GHz
Ref 1.5 dBm
Att 0 dB
Offset 1.5 dB
Start 25 GHz
1.5 GHz/
Stop 40 GHz

Bandedge table



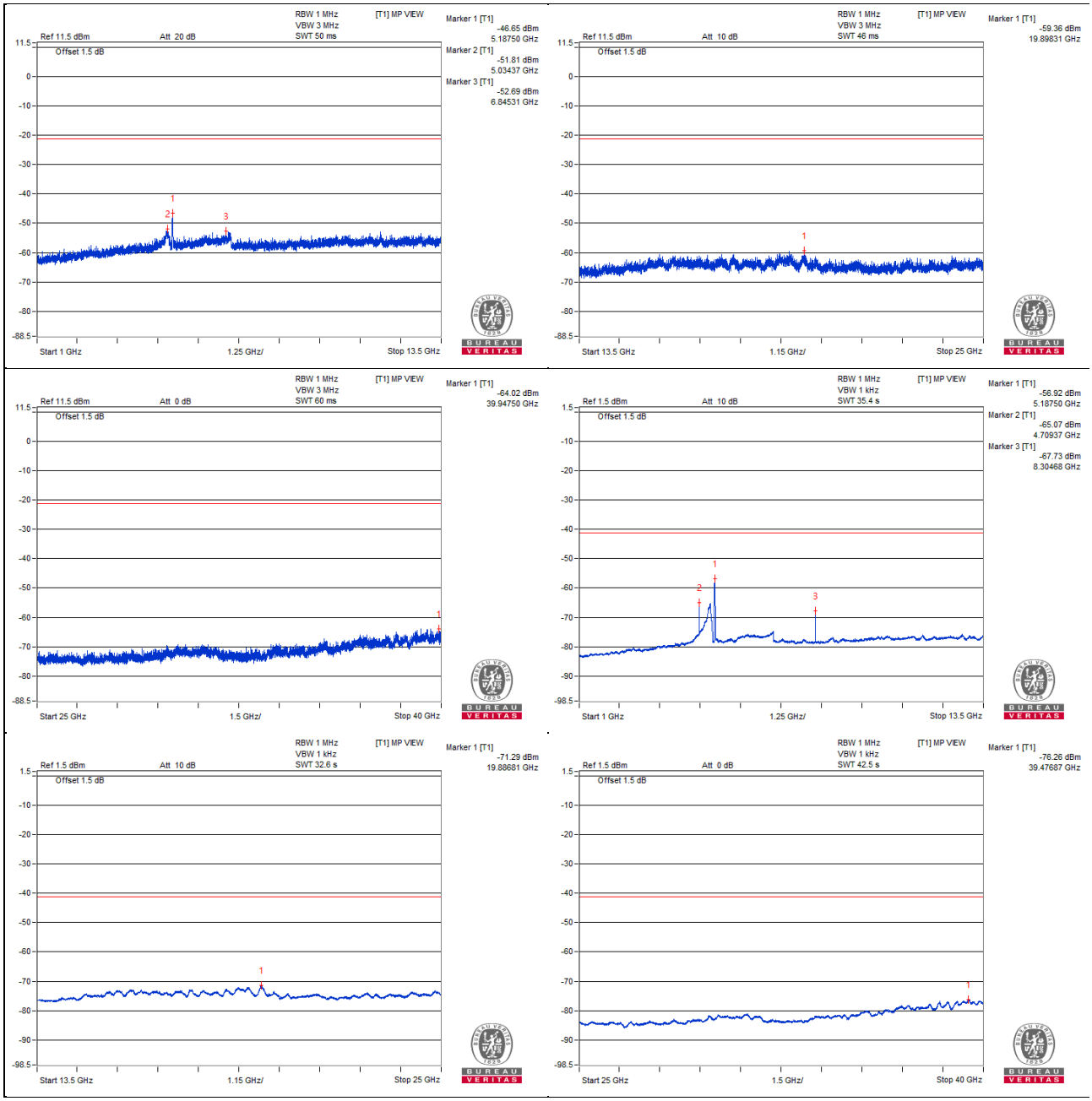
Note:
1. The offset including attenuator (10dB), cable loss (1.9 dB) and antenna gain (6.3 dBi).
2. The test results were EIRP.

802.11ac (VHT40) - Channel 38

Conducted spurious emission table

No.	Frequency (MHz)	Emission Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Raw Value (dBm)	Correction Factor (dB)	EIRP Level (dBm)
1	5187.5 PK	54.91	*		-46.65	6.3	-40.35
2	5034.37 PK	49.75	74	-24.25	-51.81	6.3	-45.51
3	6845.31 PK	48.87	68.2	-19.33	-52.69	6.3	-46.39
4	19898.31 PK	42.2	74	-31.8	-59.36	6.3	-53.06
5	39947.5 PK	37.54	74	-36.46	-64.02	6.3	-57.72
6	5187.5 AV	44.64	*		-56.92	6.3	-50.62
7	4709.37 AV	36.49	54	-17.51	-65.07	6.3	-58.77
8	8304.68 AV	33.83	54	-20.17	-67.73	6.3	-61.43
9	19886.81 AV	30.27	54	-23.73	-71.29	6.3	-64.99
10	39476.87 AV	25.3	54	-28.7	-76.26	6.3	-69.96

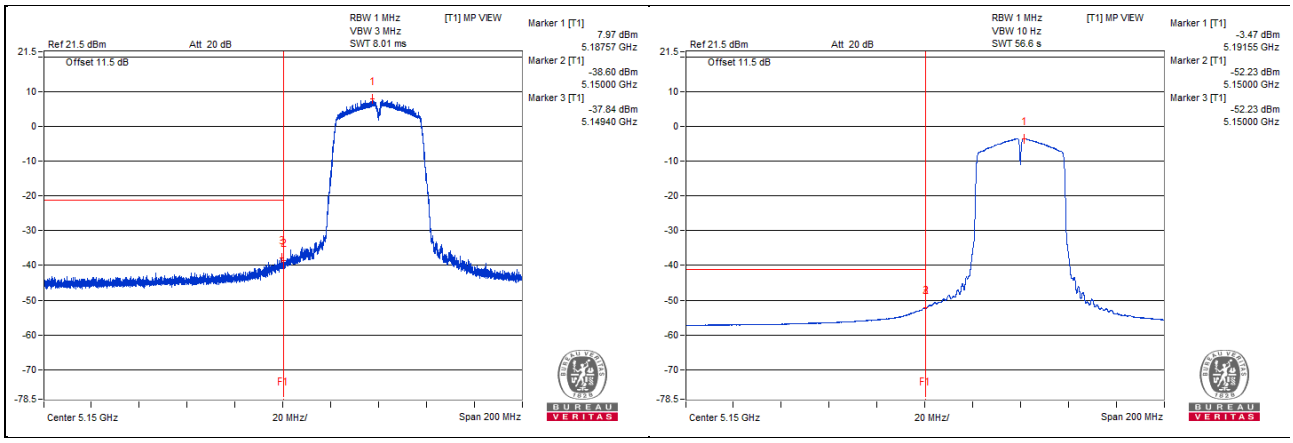
Note :
1. Emission Level (dBuV/m) = EIRP Level (dBm) – 20log(d) + 104.8
   d = measurement distance in 3 meters.
2. * : Fundamental frequency, the limit was restricted at the output power.


RBW 1 MHz
VBW 3 MHz
SWT 50 ms
[T1] MP VIEW
Marker 1 [T1]
-46.65 dBm
5.18750 GHz
Marker 2 [T1]
-51.81 dBm
5.03437 GHz
Marker 3 [T1]
-52.69 dBm
6.84531 GHz
Ref 11.5 dBm
Att 20 dB
Offset 1.5 dB
Start 1 GHz
1.25 GHz/
Stop 13.5 GHz
RBW 1 MHz
VBW 3 MHz
SWT 46 ms
[T1] MP VIEW
Marker 1 [T1]
-59.36 dBm
19.89831 GHz
Ref 11.5 dBm
Att 10 dB
Offset 1.5 dB
Start 13.5 GHz
1.15 GHz/
Stop 25 GHz
RBW 1 MHz
VBW 3 MHz
SWT 60 ms
[T1] MP VIEW
Marker 1 [T1]
-64.02 dBm
39.94750 GHz
Ref 11.5 dBm
Att 0 dB
Offset 1.5 dB
Start 25 GHz
1.5 GHz/
Stop 40 GHz
RBW 1 MHz
VBW 1 kHz
SWT 35.4 s
[T1] MP VIEW
Marker 1 [T1]
-56.92 dBm
5.18750 GHz
Marker 2 [T1]
-65.07 dBm
4.70937 GHz
Marker 3 [T1]
-67.73 dBm
8.30468 GHz
Ref 1.5 dBm
Att 10 dB
Offset 1.5 dB
Start 1 GHz
1.25 GHz/
Stop 13.5 GHz
RBW 1 MHz
VBW 1 kHz
SWT 32.6 s
[T1] MP VIEW
Marker 1 [T1]
-71.29 dBm
19.88681 GHz
Ref 1.5 dBm
Att 10 dB
Offset 1.5 dB
Start 13.5 GHz
1.15 GHz/
Stop 25 GHz
RBW 1 MHz
VBW 1 kHz
SWT 42.5 s
[T1] MP VIEW
Marker 1 [T1]
-76.26 dBm
39.47687 GHz
Ref 1.5 dBm
Att 0 dB
Offset 1.5 dB
Start 25 GHz
1.5 GHz/
Stop 40 GHz

Bandedge table

No.	Frequency (MHz)	Emission Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Raw Value (dBm)	Correction Factor (dB)	EIRP Level (dBm)
1	5187.57 PK	108.83	*		7.97	5.6	13.57
2	5150 PK	62.26	74	-11.74	-38.6	5.6	-33
3	5149.4 PK	63.02	74	-10.98	-37.84	5.6	-32.24
4	5191.55 AV	97.39	*		-3.47	5.6	2.13
5	5150 AV	48.63	54	-5.37	-52.23	5.6	-46.63
6	5150 AV	48.63	54	-5.37	-52.23	5.6	-46.63

Note :
1. Emission Level (dBuV/m) = EIRP Level (dBm) – 20log(d) + 104.8
   d = measurement distance in 3 meters.
2. * : Fundamental frequency, the limit was restricted at the output power.

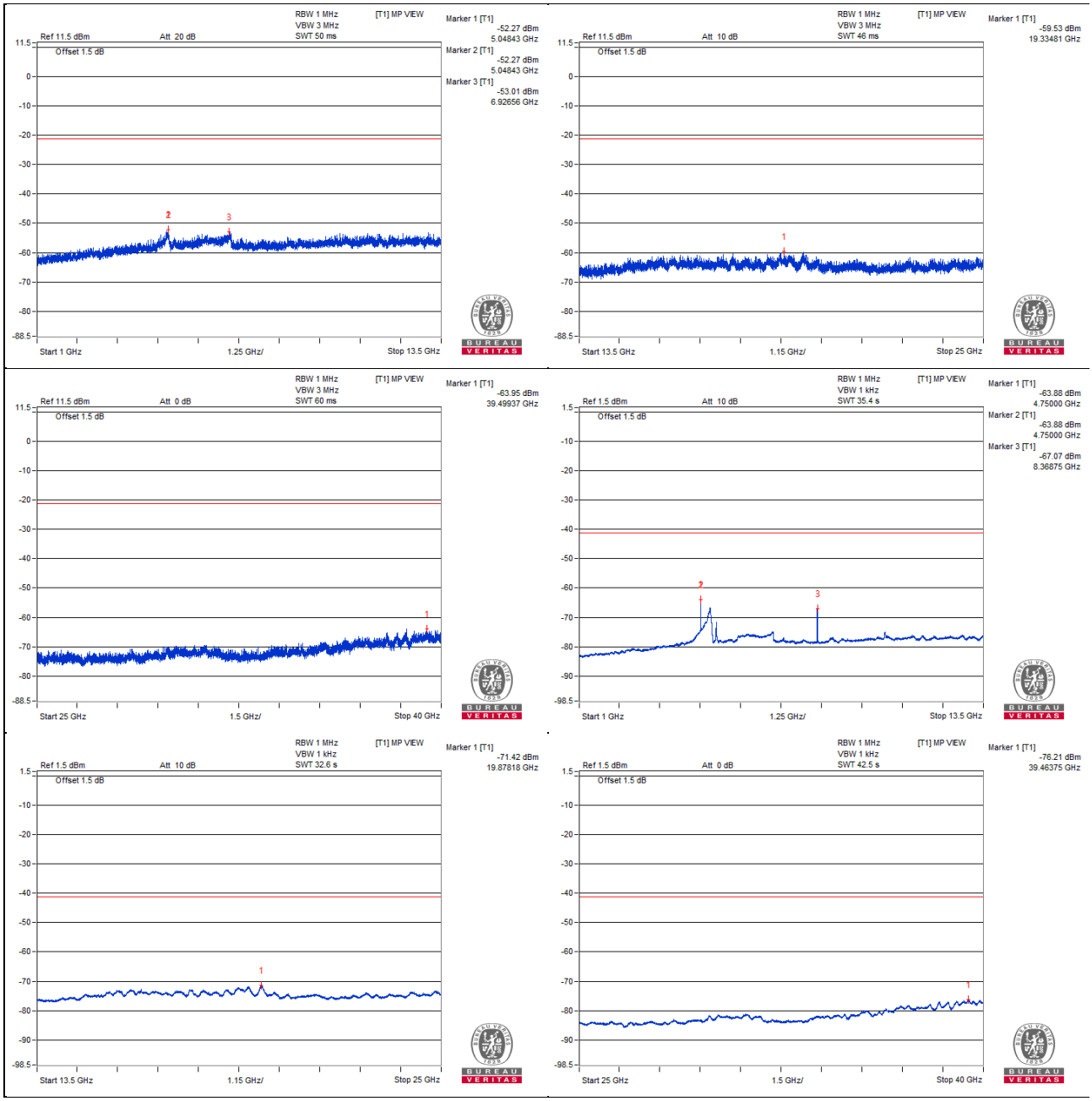


802.11ac (VHT40) - Channel 46

Conducted spurious emission table

No.	Frequency (MHz)	Emission Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Raw Value (dBm)	Correction Factor (dB)	EIRP Level (dBm)
1	5048.43 PK	49.29	74	-24.71	-52.27	6.3	-45.97
2	5048.43 PK	49.29	74	-24.71	-52.27	6.3	-45.97
3	6926.56 PK	48.55	68.2	-19.65	-53.01	6.3	-46.71
4	19334.81 PK	42.03	74	-31.97	-59.53	6.3	-53.23
5	39499.37 PK	37.61	74	-36.39	-63.95	6.3	-57.65
6	4750 AV	37.68	54	-16.32	-63.88	6.3	-57.58
7	4750 AV	37.68	54	-16.32	-63.88	6.3	-57.58
8	8368.75 AV	34.49	54	-19.51	-67.07	6.3	-60.77
9	19878.18 AV	30.14	54	-23.86	-71.42	6.3	-65.12
10	39463.75 AV	25.35	54	-28.65	-76.21	6.3	-69.91

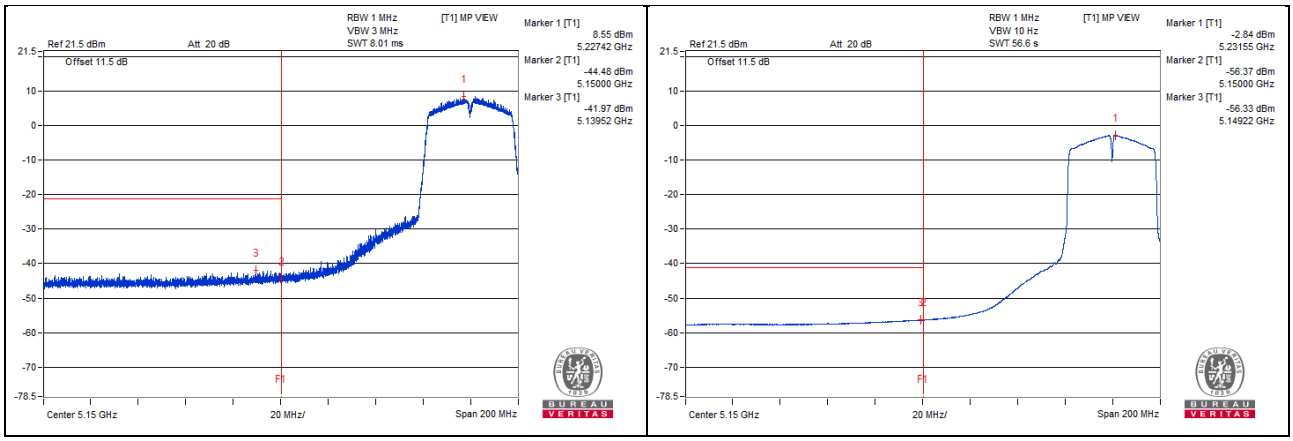
Note :
1. Emission Level (dBuV/m) = EIRP Level (dBm) – 20log(d) + 104.8
   d = measurement distance in 3 meters.


RBW 1 MHz
VBW 3 MHz
SWT 50 ms
[T1] MP VIEW
Marker 1 [T1]
-52.27 dBm
5.04843 GHz
Marker 2 [T1]
-52.27 dBm
5.04843 GHz
Marker 3 [T1]
-53.01 dBm
6.92656 GHz
Ref 11.5 dBm
Att 20 dB
Offset 1.5 dB
Start 1 GHz
1.25 GHz/
Stop 13.5 GHz
RBW 1 MHz
VBW 3 MHz
SWT 46 ms
[T1] MP VIEW
Marker 1 [T1]
-59.53 dBm
19.33481 GHz
Ref 11.5 dBm
Att 10 dB
Offset 1.5 dB
Start 13.5 GHz
1.15 GHz/
Stop 25 GHz
RBW 1 MHz
VBW 3 MHz
SWT 60 ms
[T1] MP VIEW
Marker 1 [T1]
-63.95 dBm
39.49937 GHz
Ref 11.5 dBm
Att 0 dB
Offset 1.5 dB
Start 25 GHz
1.5 GHz/
Stop 40 GHz
RBW 1 MHz
VBW 1 kHz
SWT 35.4 s
[T1] MP VIEW
Marker 1 [T1]
-63.88 dBm
4.75000 GHz
Marker 2 [T1]
-63.88 dBm
4.75000 GHz
Marker 3 [T1]
-67.07 dBm
8.36875 GHz
Ref 1.5 dBm
Att 10 dB
Offset 1.5 dB
Start 1 GHz
1.25 GHz/
Stop 13.5 GHz
RBW 1 MHz
VBW 1 kHz
SWT 32.6 s
[T1] MP VIEW
Marker 1 [T1]
-71.42 dBm
19.87818 GHz
Ref 1.5 dBm
Att 10 dB
Offset 1.5 dB
Start 13.5 GHz
1.15 GHz/
Stop 25 GHz
RBW 1 MHz
VBW 1 kHz
SWT 42.5 s
[T1] MP VIEW
Marker 1 [T1]
-76.21 dBm
39.46375 GHz
Ref 1.5 dBm
Att 0 dB
Offset 1.5 dB
Start 25 GHz
1.5 GHz/
Stop 40 GHz

Bandedge table

No.	Frequency (MHz)	Emission Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Raw Value (dBm)	Correction Factor (dB)	EIRP Level (dBm)
1	5227.42 PK	109.41	*		8.55	5.6	14.15
2	5150 PK	56.38	74	-17.62	-44.48	5.6	-38.88
3	5139.52 PK	58.89	74	-15.11	-41.97	5.6	-36.37
4	5231.55 AV	98.02	*		-2.84	5.6	2.76
5	5150 AV	44.49	54	-9.51	-56.37	5.6	-50.77
6	5149.22 AV	44.53	54	-9.47	-56.33	5.6	-50.73

Note :
1. Emission Level (dBuV/m) = EIRP Level (dBm) – 20log(d) + 104.8
   d = measurement distance in 3 meters.
2. * : Fundamental frequency, the limit was restricted at the output power.

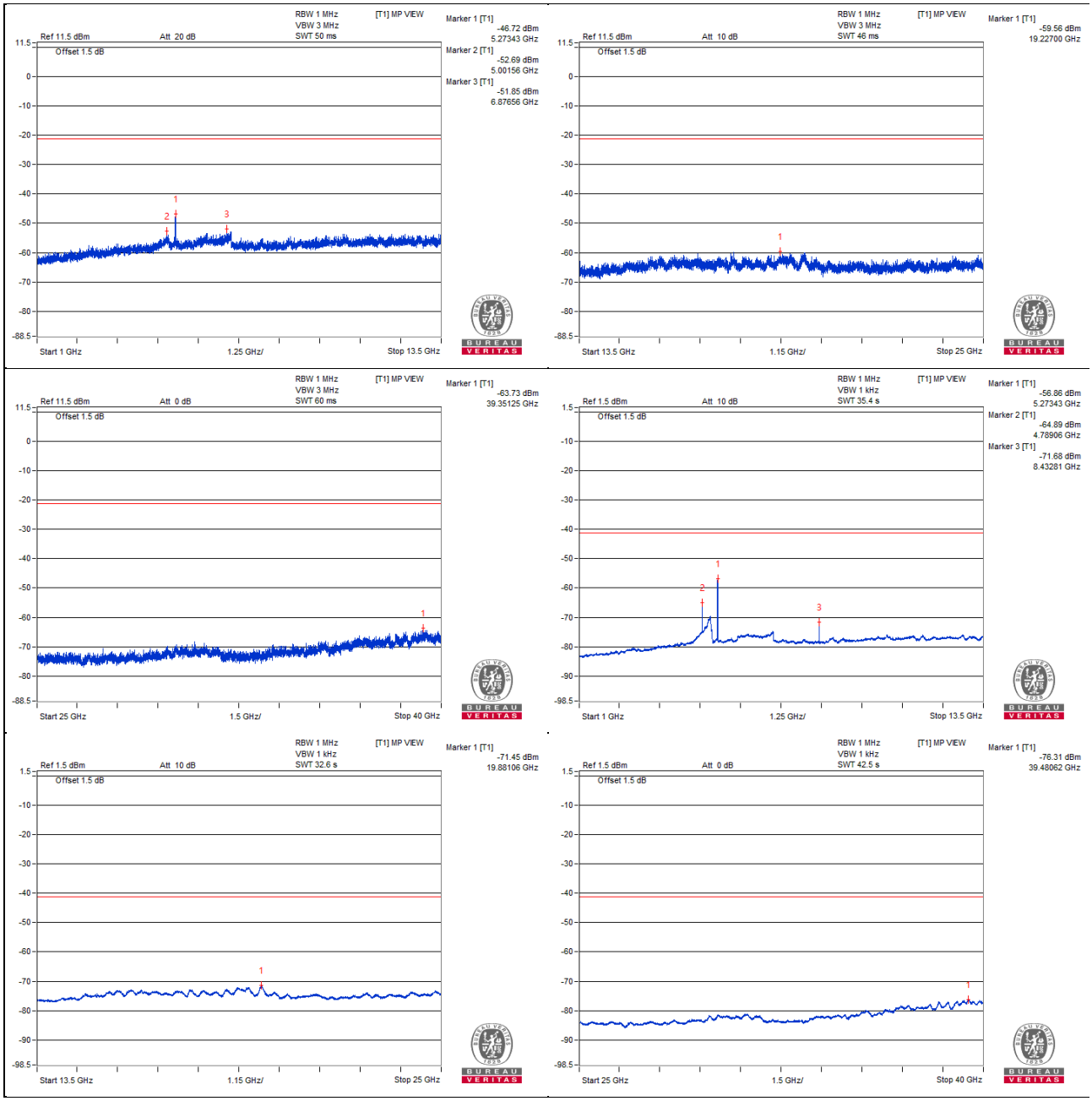


802.11ac (VHT40) - Channel 54

Conducted spurious emission table

No.	Frequency (MHz)	Emission Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Raw Value (dBm)	Correction Factor (dB)	EIRP Level (dBm)
1	5273.43 PK	54.84	*		-46.72	6.3	-40.42
2	5001.56 PK	48.87	74	-25.13	-52.69	6.3	-46.39
3	6876.56 PK	49.71	68.2	-18.49	-51.85	6.3	-45.55
4	19227 PK	42	74	-32	-59.56	6.3	-53.26
5	39351.25 PK	37.83	74	-36.17	-63.73	6.3	-57.43
6	5273.43 AV	44.7	*		-56.86	6.3	-50.56
7	4789.06 AV	36.67	54	-17.33	-64.89	6.3	-58.59
8	8432.81 AV	29.88	54	-24.12	-71.68	6.3	-65.38
9	19881.06 AV	30.11	54	-23.89	-71.45	6.3	-65.15
10	39480.62 AV	25.25	54	-28.75	-76.31	6.3	-70.01

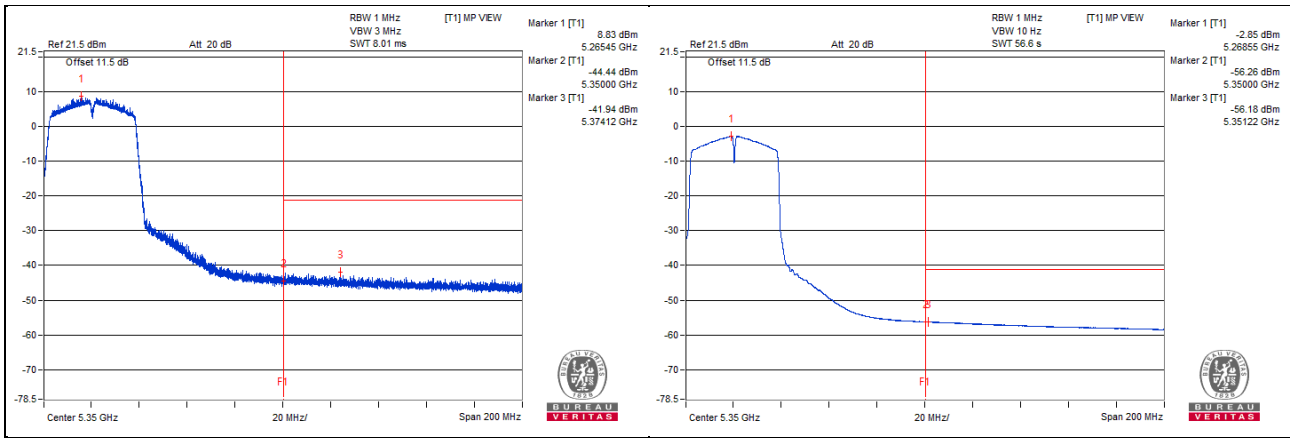
Note :
1. Emission Level (dBuV/m) = EIRP Level (dBm) – 20log(d) + 104.8
   d = measurement distance in 3 meters.
2. * : Fundamental frequency, the limit was restricted at the output power.


RBW 1 MHz
VBW 3 MHz
SWT 50 ms
[T1] MP VIEW
Marker 1 [T1]
-46.72 dBm
5.27343 GHz
Marker 2 [T1]
-52.69 dBm
5.00156 GHz
Marker 3 [T1]
-51.85 dBm
6.87656 GHz
Ref 11.5 dBm
Att 20 dB
Offset 1.5 dB
Start 1 GHz
1.25 GHz/
Stop 13.5 GHz
RBW 1 MHz
VBW 3 MHz
SWT 46 ms
[T1] MP VIEW
Marker 1 [T1]
-59.56 dBm
19.22700 GHz
Ref 11.5 dBm
Att 10 dB
Offset 1.5 dB
Start 13.5 GHz
1.15 GHz/
Stop 25 GHz
RBW 1 MHz
VBW 3 MHz
SWT 60 ms
[T1] MP VIEW
Marker 1 [T1]
-63.73 dBm
39.35125 GHz
Ref 11.5 dBm
Att 0 dB
Offset 1.5 dB
Start 25 GHz
1.5 GHz/
Stop 40 GHz
RBW 1 MHz
VBW 1 kHz
SWT 35.4 s
[T1] MP VIEW
Marker 1 [T1]
-56.86 dBm
5.27343 GHz
Marker 2 [T1]
-64.89 dBm
4.78906 GHz
Marker 3 [T1]
-71.68 dBm
8.43281 GHz
Ref 1.5 dBm
Att 10 dB
Offset 1.5 dB
Start 1 GHz
1.25 GHz/
Stop 13.5 GHz
RBW 1 MHz
VBW 1 kHz
SWT 32.6 s
[T1] MP VIEW
Marker 1 [T1]
-71.45 dBm
19.88106 GHz
Ref 1.5 dBm
Att 10 dB
Offset 1.5 dB
Start 13.5 GHz
1.15 GHz/
Stop 25 GHz
RBW 1 MHz
VBW 1 kHz
SWT 42.5 s
[T1] MP VIEW
Marker 1 [T1]
-76.31 dBm
39.48062 GHz
Ref 1.5 dBm
Att 0 dB
Offset 1.5 dB
Start 25 GHz
1.5 GHz/
Stop 40 GHz

Bandedge table

No.	Frequency (MHz)	Emission Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Raw Value (dBm)	Correction Factor (dB)	EIRP Level (dBm)
1	5265.45 PK	110.06	*		8.83	5.97	14.8
2	5350 PK	56.79	74	-17.21	-44.44	5.97	-38.47
3	5374.12 PK	59.29	74	-14.71	-41.94	5.97	-35.97
4	5268.55 AV	98.38	*		-2.85	5.97	3.12
5	5350 AV	44.97	54	-9.03	-56.26	5.97	-50.29
6	5351.22 AV	45.05	54	-8.95	-56.18	5.97	-50.21

Note :
1. Emission Level (dBuV/m) = EIRP Level (dBm) – 20log(d) + 104.8
   d = measurement distance in 3 meters.
2. * : Fundamental frequency, the limit was restricted at the output power.

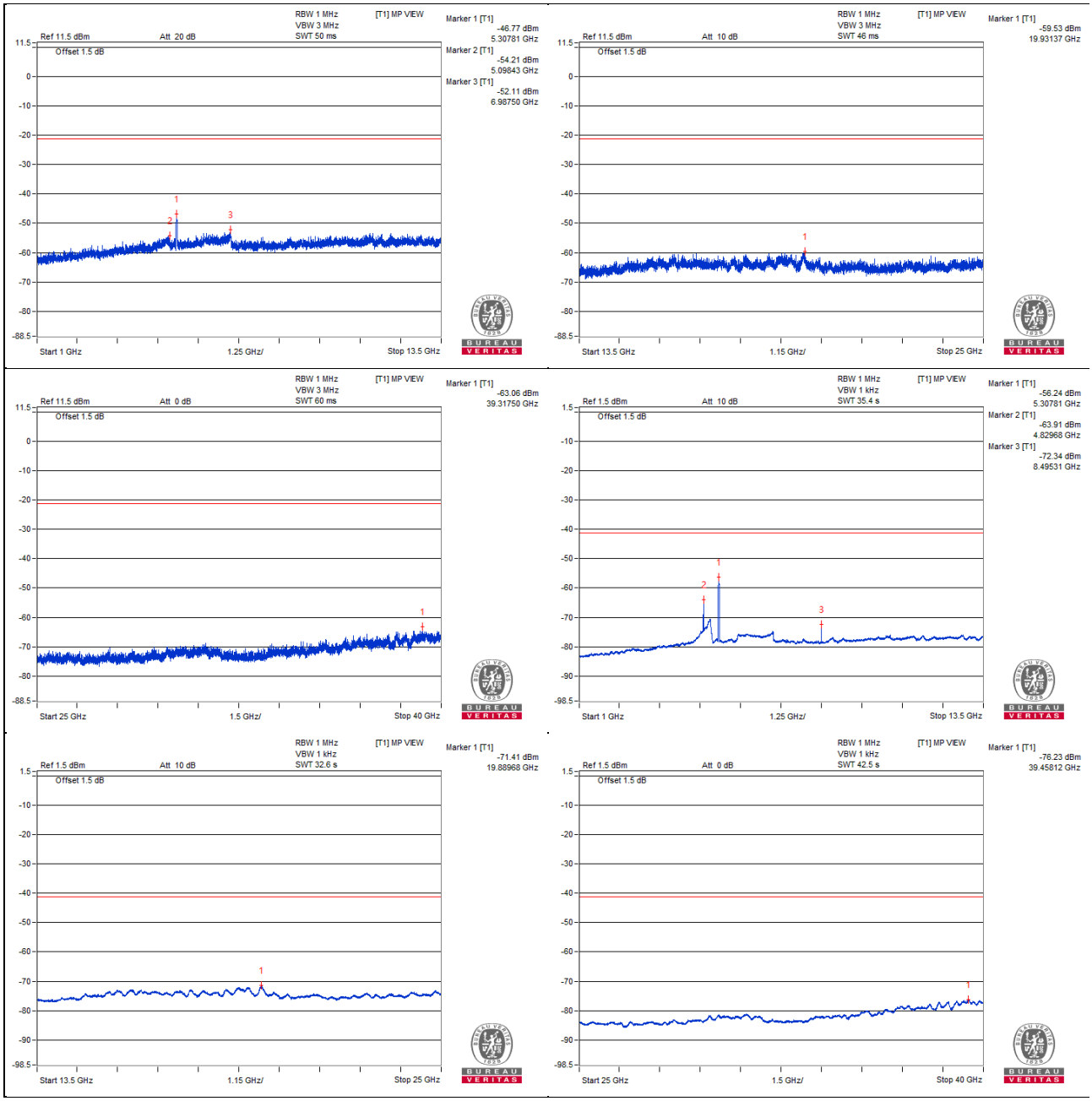


802.11ac (VHT40) - Channel 62

Conducted spurious emission table

No.	Frequency (MHz)	Emission Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Raw Value (dBm)	Correction Factor (dB)	EIRP Level (dBm)
1	5307.81 PK	54.79	*		-46.77	6.3	-40.47
2	5098.43 PK	47.35	74	-26.65	-54.21	6.3	-47.91
3	6987.5 PK	49.45	68.2	-18.75	-52.11	6.3	-45.81
4	19931.37 PK	42.03	74	-31.97	-59.53	6.3	-53.23
5	39317.5 PK	38.5	74	-35.5	-63.06	6.3	-56.76
6	5307.81 AV	45.32	*		-56.24	6.3	-49.94
7	4829.68 AV	37.65	54	-16.35	-63.91	6.3	-57.61
8	8495.31 AV	29.22	54	-24.78	-72.34	6.3	-66.04
9	19889.68 AV	30.15	54	-23.85	-71.41	6.3	-65.11
10	39458.12 AV	25.33	54	-28.67	-76.23	6.3	-69.93

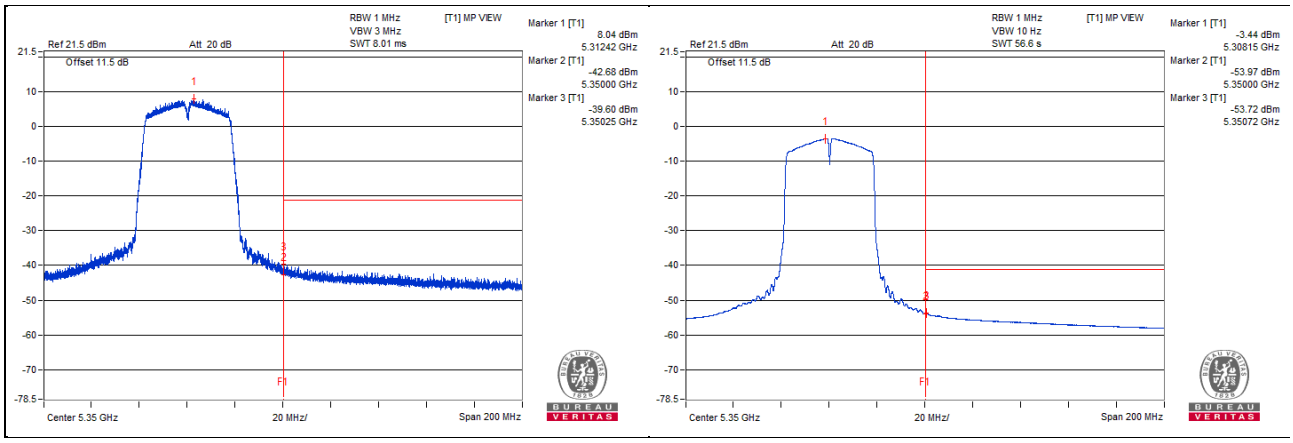
Note :
1. Emission Level (dBuV/m) = EIRP Level (dBm) – 20log(d) + 104.8
   d = measurement distance in 3 meters.
2. * : Fundamental frequency, the limit was restricted at the output power.


RBW 1 MHz
VBW 3 MHz
SWT 50 ms
[T1] MP VIEW
Marker 1 [T1]
-46.77 dBm
5.30781 GHz
Marker 2 [T1]
-54.21 dBm
5.09843 GHz
Marker 3 [T1]
-52.11 dBm
6.98750 GHz
Ref 11.5 dBm
Att 20 dB
Offset 1.5 dB
Start 1 GHz
1.25 GHz/
Stop 13.5 GHz
RBW 1 MHz
VBW 3 MHz
SWT 46 ms
[T1] MP VIEW
Marker 1 [T1]
-59.53 dBm
19.93137 GHz
Ref 11.5 dBm
Att 10 dB
Offset 1.5 dB
Start 13.5 GHz
1.15 GHz/
Stop 25 GHz
RBW 1 MHz
VBW 3 MHz
SWT 60 ms
[T1] MP VIEW
Marker 1 [T1]
-63.06 dBm
39.31750 GHz
Ref 11.5 dBm
Att 0 dB
Offset 1.5 dB
Start 25 GHz
1.5 GHz/
Stop 40 GHz
RBW 1 MHz
VBW 1 kHz
SWT 35.4 s
[T1] MP VIEW
Marker 1 [T1]
-56.24 dBm
5.30781 GHz
Marker 2 [T1]
-63.91 dBm
4.82968 GHz
Marker 3 [T1]
-72.34 dBm
8.49531 GHz
Ref 1.5 dBm
Att 10 dB
Offset 1.5 dB
Start 1 GHz
1.25 GHz/
Stop 13.5 GHz
RBW 1 MHz
VBW 1 kHz
SWT 32.6 s
[T1] MP VIEW
Marker 1 [T1]
-71.41 dBm
19.88968 GHz
Ref 1.5 dBm
Att 10 dB
Offset 1.5 dB
Start 13.5 GHz
1.15 GHz/
Stop 25 GHz
RBW 1 MHz
VBW 1 kHz
SWT 42.5 s
[T1] MP VIEW
Marker 1 [T1]
-76.23 dBm
39.45812 GHz
Ref 1.5 dBm
Att 0 dB
Offset 1.5 dB
Start 25 GHz
1.5 GHz/
Stop 40 GHz

Bandedge table

No.	Frequency (MHz)	Emission Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Raw Value (dBm)	Correction Factor (dB)	EIRP Level (dBm)
1	5312.42 PK	109.27	*		8.04	5.97	14.01
2	5350 PK	58.55	74	-15.45	-42.68	5.97	-36.71
3	5350.25 PK	61.63	74	-12.37	-39.6	5.97	-33.63
4	5308.15 AV	97.79	*		-3.44	5.97	2.53
5	5350 AV	47.26	54	-6.74	-53.97	5.97	-48
6	5350.72 AV	47.51	54	-6.49	-53.72	5.97	-47.75

Note :
1. Emission Level (dBuV/m) = EIRP Level (dBm) – 20log(d) + 104.8
   d = measurement distance in 3 meters.
2. * : Fundamental frequency, the limit was restricted at the output power.

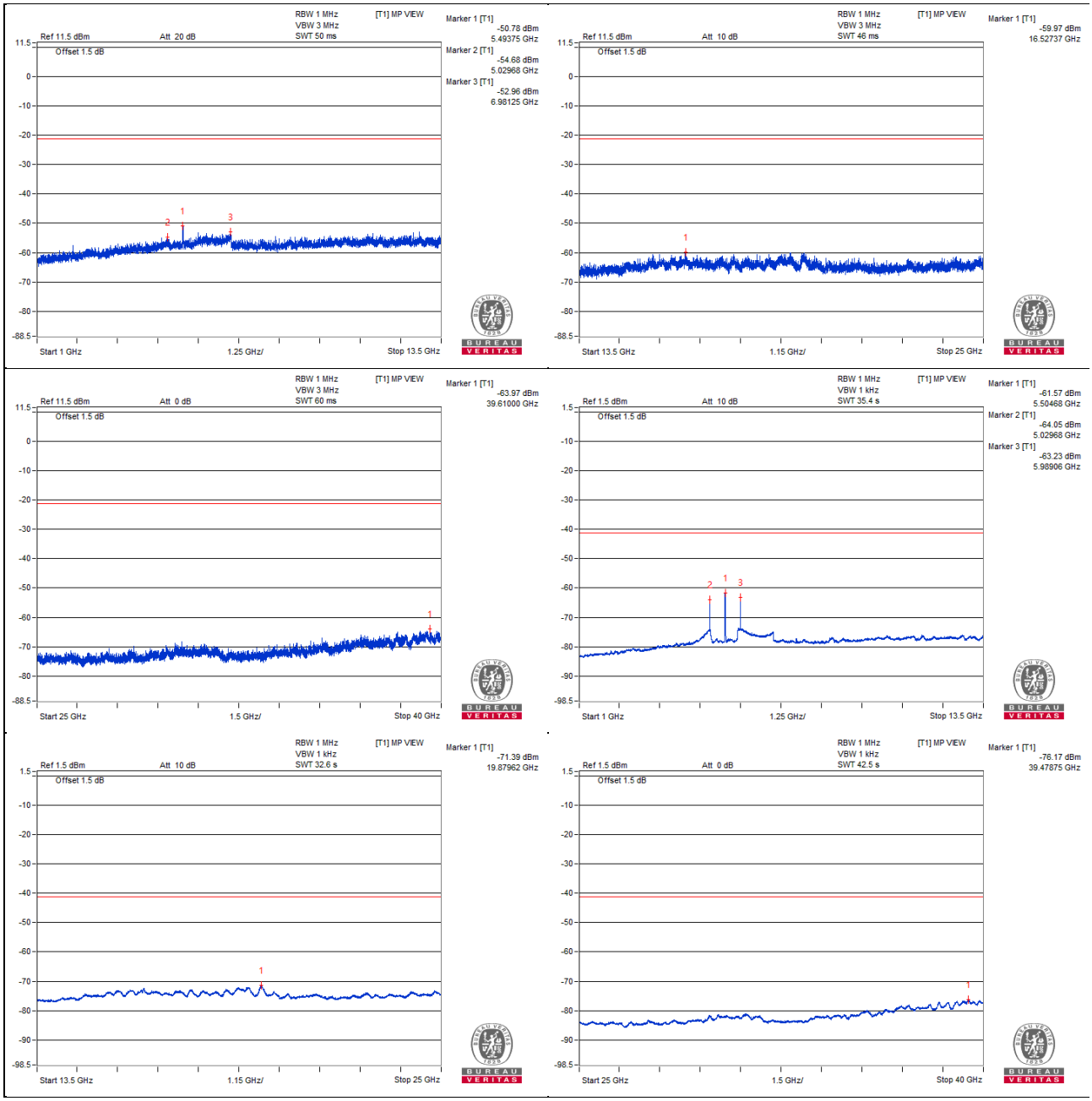


802.11ac (VHT40) - Channel 102

Conducted spurious emission table

No.	Frequency (MHz)	Emission Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Raw Value (dBm)	Correction Factor (dB)	EIRP Level (dBm)
1	5493.75 PK	50.78	*		-50.78	6.3	-44.48
2	5029.68 PK	46.88	74	-27.12	-54.68	6.3	-48.38
3	6981.25 PK	48.6	68.2	-19.6	-52.96	6.3	-46.66
4	16527.37 PK	41.59	68.2	-26.61	-59.97	6.3	-53.67
5	39610 PK	37.59	74	-36.41	-63.97	6.3	-57.67
6	5504.68 AV	39.99	*		-61.57	6.3	-55.27
7	5029.68 AV	37.51	54	-16.49	-64.05	6.3	-57.75
8	5989.06 AV	38.33	#		-63.23	6.3	-56.93
9	19879.62 AV	30.17	54	-23.83	-71.39	6.3	-65.09
10	39478.75 AV	25.39	54	-28.61	-76.17	6.3	-69.87

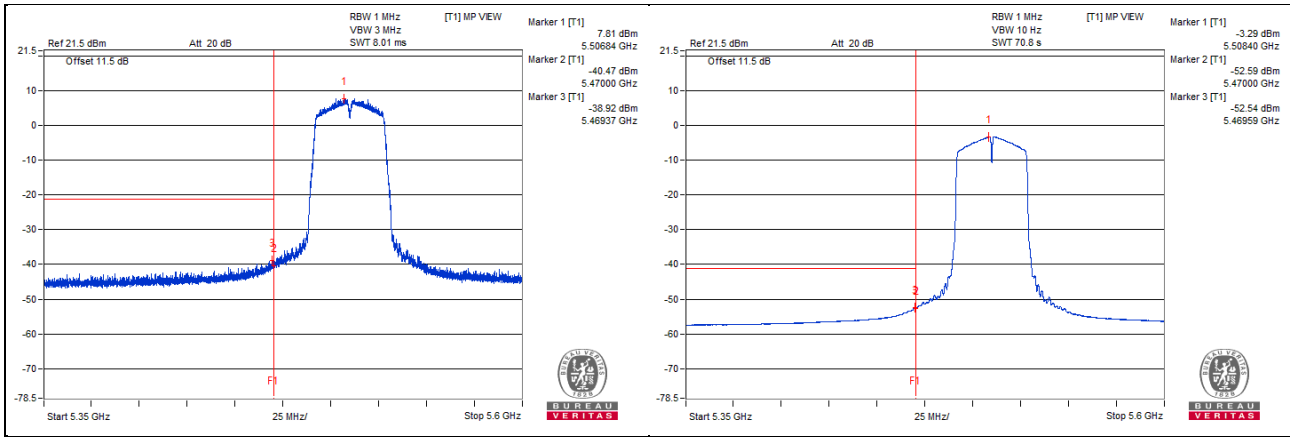
Note :
1. Emission Level (dBuV/m) = EIRP Level (dBm) – 20log(d) + 104.8
   d = measurement distance in 3 meters.
2. * : Fundamental frequency, the limit was restricted at the output power.
3. # : Non-restricted frequency, no limit for average emission.


RBW 1 MHz
VBW 3 MHz
SWT 50 ms
[T1] MP VIEW
Marker 1 [T1]
-50.78 dBm
5.49375 GHz
Marker 2 [T1]
-54.68 dBm
5.02968 GHz
Marker 3 [T1]
-52.96 dBm
6.98125 GHz
Ref 11.5 dBm
Att 20 dB
Offset 1.5 dB
Start 1 GHz
1.25 GHz/
Stop 13.5 GHz
RBW 1 MHz
VBW 3 MHz
SWT 46 ms
[T1] MP VIEW
Marker 1 [T1]
-59.97 dBm
16.52737 GHz
Ref 11.5 dBm
Att 10 dB
Offset 1.5 dB
Start 13.5 GHz
1.15 GHz/
Stop 25 GHz
RBW 1 MHz
VBW 3 MHz
SWT 60 ms
[T1] MP VIEW
Marker 1 [T1]
-63.97 dBm
39.61000 GHz
Ref 11.5 dBm
Att 0 dB
Offset 1.5 dB
Start 25 GHz
1.5 GHz/
Stop 40 GHz
RBW 1 MHz
VBW 1 kHz
SWT 35.4 s
[T1] MP VIEW
Marker 1 [T1]
-61.57 dBm
5.50468 GHz
Marker 2 [T1]
-64.05 dBm
5.02968 GHz
Marker 3 [T1]
-63.23 dBm
5.98906 GHz
Ref 1.5 dBm
Att 10 dB
Offset 1.5 dB
Start 1 GHz
1.25 GHz/
Stop 13.5 GHz
RBW 1 MHz
VBW 1 kHz
SWT 32.6 s
[T1] MP VIEW
Marker 1 [T1]
-71.39 dBm
19.87962 GHz
Ref 1.5 dBm
Att 10 dB
Offset 1.5 dB
Start 13.5 GHz
1.15 GHz/
Stop 25 GHz
RBW 1 MHz
VBW 1 kHz
SWT 42.5 s
[T1] MP VIEW
Marker 1 [T1]
-76.17 dBm
39.47875 GHz
Ref 1.5 dBm
Att 0 dB
Offset 1.5 dB
Start 25 GHz
1.5 GHz/
Stop 40 GHz

Bandedge table

No.	Frequency (MHz)	Emission Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Raw Value (dBm)	Correction Factor (dB)	EIRP Level (dBm)
1	5506.84 PK	109	*		7.81	5.93	13.74
2	5470 PK	60.72	68.2	-7.48	-40.47	5.93	-34.54
3	5469.37 PK	62.27	68.2	-5.93	-38.92	5.93	-32.99
4	5508.4 AV	97.9	*		-3.29	5.93	2.64
5	5470 AV	48.6	#		-52.59	5.93	-46.66
6	5469.59 AV	48.65	#		-52.54	5.93	-46.61

Note :
1. Emission Level (dBuV/m) = EIRP Level (dBm) – 20log(d) + 104.8
   d = measurement distance in 3 meters.
2. * : Fundamental frequency, the limit was restricted at the output power.
3. # : Non-restricted frequency, no limit for average emission.

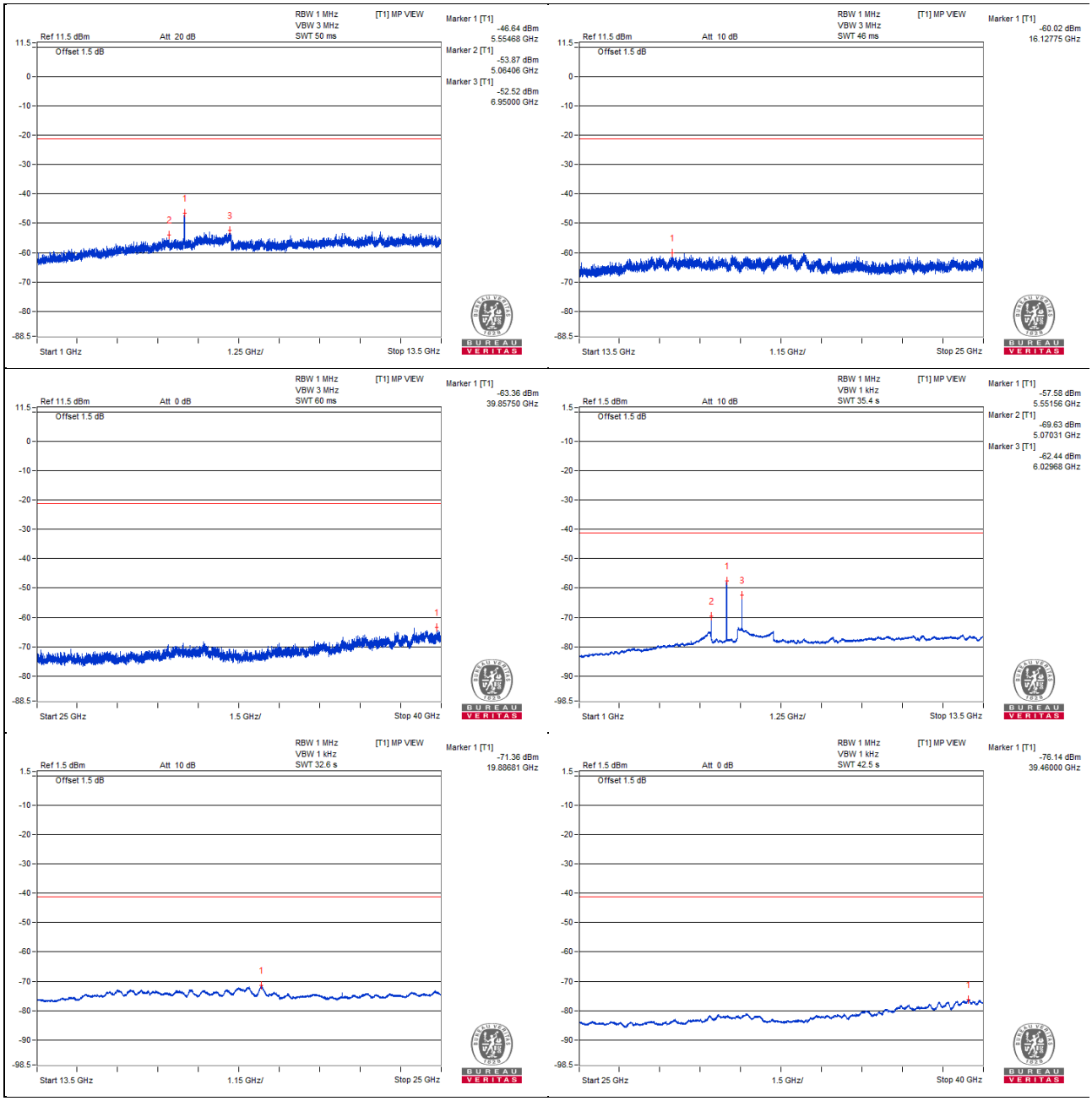


802.11ac (VHT40) - Channel 110

Conducted spurious emission table

No.	Frequency (MHz)	Emission Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Raw Value (dBm)	Correction Factor (dB)	EIRP Level (dBm)
1	5554.68 PK	54.92	*		-46.64	6.3	-40.34
2	5064.06 PK	47.69	74	-26.31	-53.87	6.3	-47.57
3	6950 PK	49.04	68.2	-19.16	-52.52	6.3	-46.22
4	16127.75 PK	41.54	74	-32.46	-60.02	6.3	-53.72
5	39857.5 PK	38.2	74	-35.8	-63.36	6.3	-57.06
6	5551.56 AV	43.98	*		-57.58	6.3	-51.28
7	5070.31 AV	31.93	54	-22.07	-69.63	6.3	-63.33
8	6029.68 AV	39.12	#		-62.44	6.3	-56.14
9	19886.81 AV	30.2	54	-23.8	-71.36	6.3	-65.06
10	39460 AV	25.42	54	-28.58	-76.14	6.3	-69.84

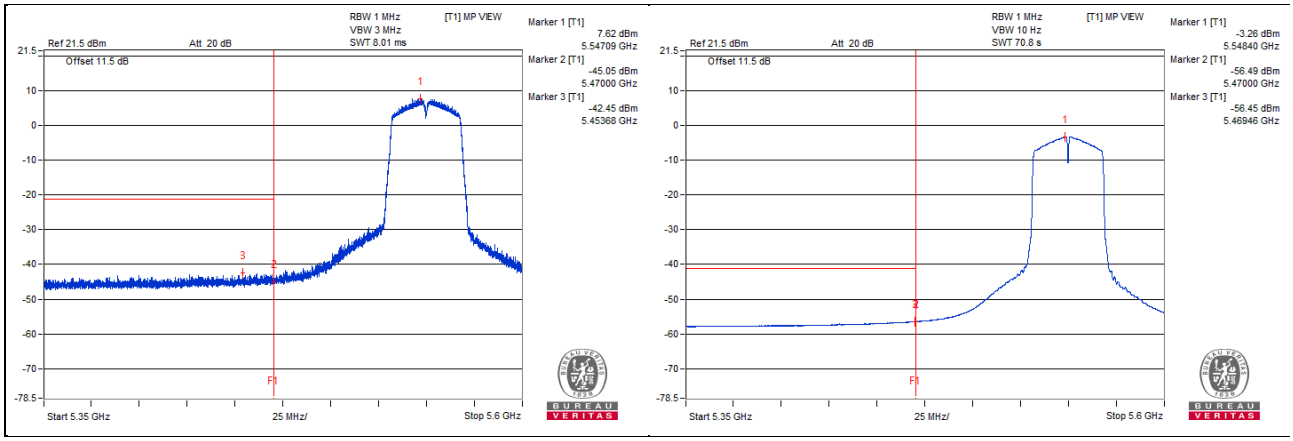
Note :
1. Emission Level (dBuV/m) = EIRP Level (dBm) – 20log(d) + 104.8
   d = measurement distance in 3 meters.
2. * : Fundamental frequency, the limit was restricted at the output power.
3. # : Non-restricted frequency, no limit for average emission.


RBW 1 MHz
VBW 3 MHz
SWT 50 ms
[T1] MP VIEW
Marker 1 [T1]
-46.64 dBm
5.55468 GHz
Marker 2 [T1]
-53.87 dBm
5.06406 GHz
Marker 3 [T1]
-52.52 dBm
6.95000 GHz
Ref 11.5 dBm
Att 20 dB
Offset 1.5 dB
Start 1 GHz
1.25 GHz/
Stop 13.5 GHz
RBW 1 MHz
VBW 3 MHz
SWT 46 ms
[T1] MP VIEW
Marker 1 [T1]
-60.02 dBm
16.12775 GHz
Ref 11.5 dBm
Att 10 dB
Offset 1.5 dB
Start 13.5 GHz
1.15 GHz/
Stop 25 GHz
RBW 1 MHz
VBW 3 MHz
SWT 60 ms
[T1] MP VIEW
Marker 1 [T1]
-63.36 dBm
39.85750 GHz
Ref 11.5 dBm
Att 0 dB
Offset 1.5 dB
Start 25 GHz
1.5 GHz/
Stop 40 GHz
RBW 1 MHz
VBW 1 kHz
SWT 35.4 s
[T1] MP VIEW
Marker 1 [T1]
-57.58 dBm
5.55156 GHz
Marker 2 [T1]
-69.63 dBm
5.07031 GHz
Marker 3 [T1]
-62.44 dBm
6.02968 GHz
Ref 1.5 dBm
Att 10 dB
Offset 1.5 dB
Start 1 GHz
1.25 GHz/
Stop 13.5 GHz
RBW 1 MHz
VBW 1 kHz
SWT 32.6 s
[T1] MP VIEW
Marker 1 [T1]
-71.36 dBm
19.88681 GHz
Ref 1.5 dBm
Att 10 dB
Offset 1.5 dB
Start 13.5 GHz
1.15 GHz/
Stop 25 GHz
RBW 1 MHz
VBW 1 kHz
SWT 42.5 s
[T1] MP VIEW
Marker 1 [T1]
-76.14 dBm
39.46000 GHz
Ref 1.5 dBm
Att 0 dB
Offset 1.5 dB
Start 25 GHz
1.5 GHz/
Stop 40 GHz

Bandedge table

No.	Frequency (MHz)	Emission Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Raw Value (dBm)	Correction Factor (dB)	EIRP Level (dBm)
1	5547.09 PK	108.81	*		7.62	5.93	13.55
2	5470 PK	56.14	68.2	-12.06	-45.05	5.93	-39.12
3	5453.68 PK	58.74	74	-15.26	-42.45	5.93	-36.52
4	5548.4 AV	97.93	*		-3.26	5.93	2.67
5	5470 AV	44.7	#		-56.49	5.93	-50.56
6	5469.46 AV	44.74	#		-56.45	5.93	-50.52

Note :
1. Emission Level (dBuV/m) = EIRP Level (dBm) – 20log(d) + 104.8
   d = measurement distance in 3 meters.
2. * : Fundamental frequency, the limit was restricted at the output power.
3. # : Non-restricted frequency, no limit for average emission.

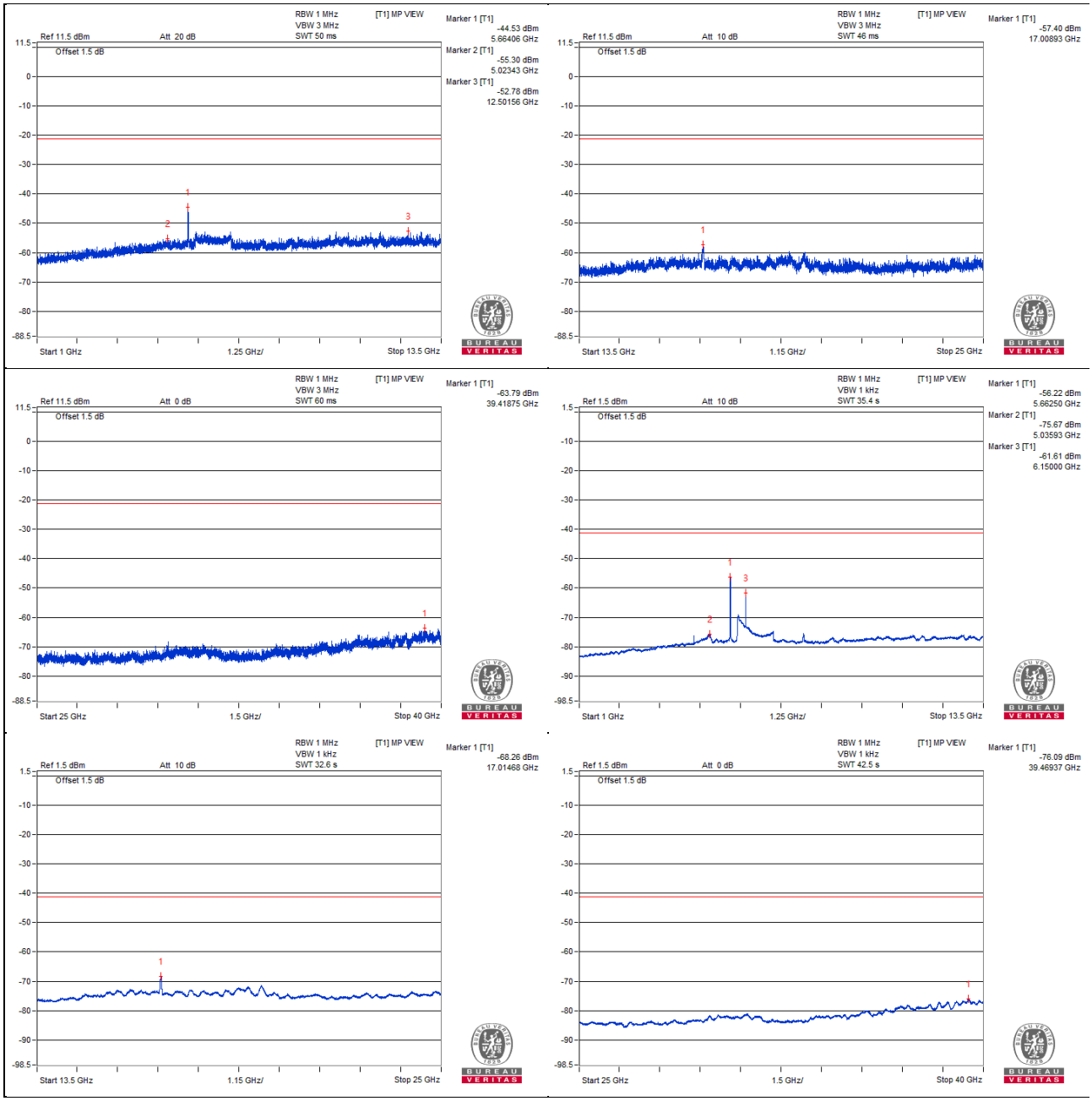


802.11ac (VHT40) - Channel 134

Conducted spurious emission table

No.	Frequency (MHz)	Emission Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Raw Value (dBm)	Correction Factor (dB)	EIRP Level (dBm)
1	5664.06 PK	57.03	*		-44.53	6.3	-38.23
2	5023.43 PK	46.26	74	-27.74	-55.3	6.3	-49
3	12501.56 PK	48.78	74	-25.22	-52.78	6.3	-46.48
4	17008.93 PK	44.16	68.2	-24.04	-57.4	6.3	-51.1
5	39418.75 PK	37.77	74	-36.23	-63.79	6.3	-57.49
6	5662.5 AV	45.34	*		-56.22	6.3	-49.92
7	5035.93 AV	25.89	54	-28.11	-75.67	6.3	-69.37
8	6150 AV	39.95	#		-61.61	6.3	-55.31
9	17014.68 AV	33.3	#		-68.26	6.3	-61.96
10	39469.37 AV	25.47	54	-28.53	-76.09	6.3	-69.79

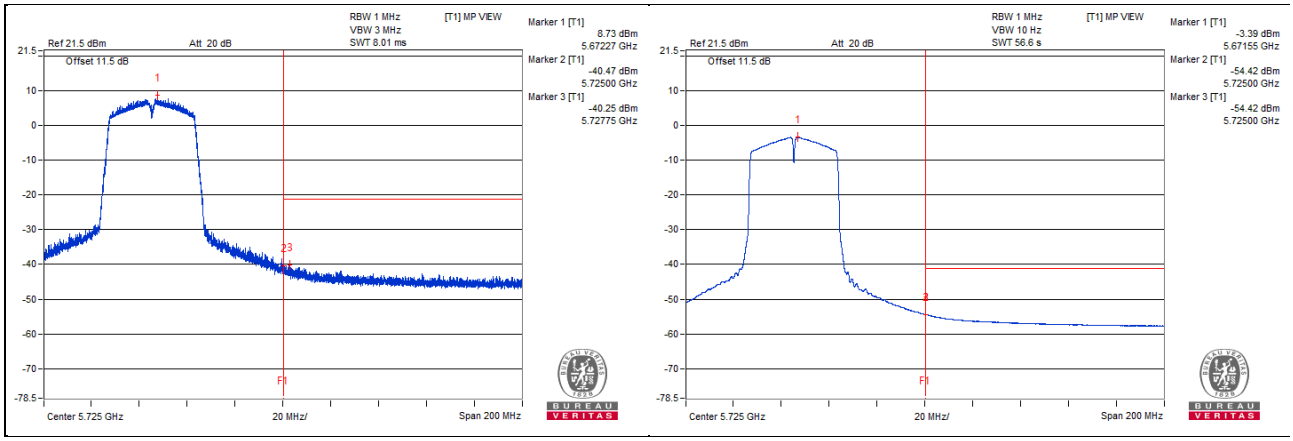
Note :
1. Emission Level (dBuV/m) = EIRP Level (dBm) – 20log(d) + 104.8
   d = measurement distance in 3 meters.
2. * : Fundamental frequency, the limit was restricted at the output power.
3. # : Non-restricted frequency, no limit for average emission.


RBW 1 MHz
VBW 3 MHz
SWT 50 ms
[T1] MP VIEW
Marker 1 [T1]
-44.53 dBm
5.66406 GHz
Marker 2 [T1]
-55.30 dBm
5.02343 GHz
Marker 3 [T1]
-52.78 dBm
12.50156 GHz
Ref 11.5 dBm
Att 20 dB
Offset 1.5 dB
Start 1 GHz
1.25 GHz/
Stop 13.5 GHz
RBW 1 MHz
VBW 3 MHz
SWT 46 ms
[T1] MP VIEW
Marker 1 [T1]
-57.40 dBm
17.00893 GHz
Ref 11.5 dBm
Att 10 dB
Offset 1.5 dB
Start 13.5 GHz
1.15 GHz/
Stop 25 GHz
RBW 1 MHz
VBW 3 MHz
SWT 60 ms
[T1] MP VIEW
Marker 1 [T1]
-63.79 dBm
39.41875 GHz
Ref 11.5 dBm
Att 0 dB
Offset 1.5 dB
Start 25 GHz
1.5 GHz/
Stop 40 GHz
RBW 1 MHz
VBW 1 kHz
SWT 35.4 s
[T1] MP VIEW
Marker 1 [T1]
-56.22 dBm
5.66250 GHz
Marker 2 [T1]
-75.67 dBm
5.03593 GHz
Marker 3 [T1]
-61.61 dBm
6.15000 GHz
Ref 1.5 dBm
Att 10 dB
Offset 1.5 dB
Start 1 GHz
1.25 GHz/
Stop 13.5 GHz
RBW 1 MHz
VBW 1 kHz
SWT 32.6 s
[T1] MP VIEW
Marker 1 [T1]
-68.26 dBm
17.01468 GHz
Ref 1.5 dBm
Att 10 dB
Offset 1.5 dB
Start 13.5 GHz
1.15 GHz/
Stop 25 GHz
RBW 1 MHz
VBW 1 kHz
SWT 42.5 s
[T1] MP VIEW
Marker 1 [T1]
-76.09 dBm
39.46937 GHz
Ref 1.5 dBm
Att 0 dB
Offset 1.5 dB
Start 25 GHz
1.5 GHz/
Stop 40 GHz

Bandedge table

No.	Frequency (MHz)	Emission Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Raw Value (dBm)	Correction Factor (dB)	EIRP Level (dBm)
1	5672.27 PK	109.92	*		8.73	5.93	14.66
2	5725 PK	60.72	68.2	-7.48	-40.47	5.93	-34.54
3	5727.75 PK	60.94	68.2	-7.26	-40.25	5.93	-34.32
4	5671.55 AV	97.8	*		-3.39	5.93	2.54
5	5725 AV	46.77	#		-54.42	5.93	-48.49
6	5725 AV	46.77	#		-54.42	5.93	-48.49

Note :
1. Emission Level (dBuV/m) = EIRP Level (dBm) – 20log(d) + 104.8
   d = measurement distance in 3 meters.
2. * : Fundamental frequency, the limit was restricted at the output power.
3. # : Non-restricted frequency, no limit for average emission.

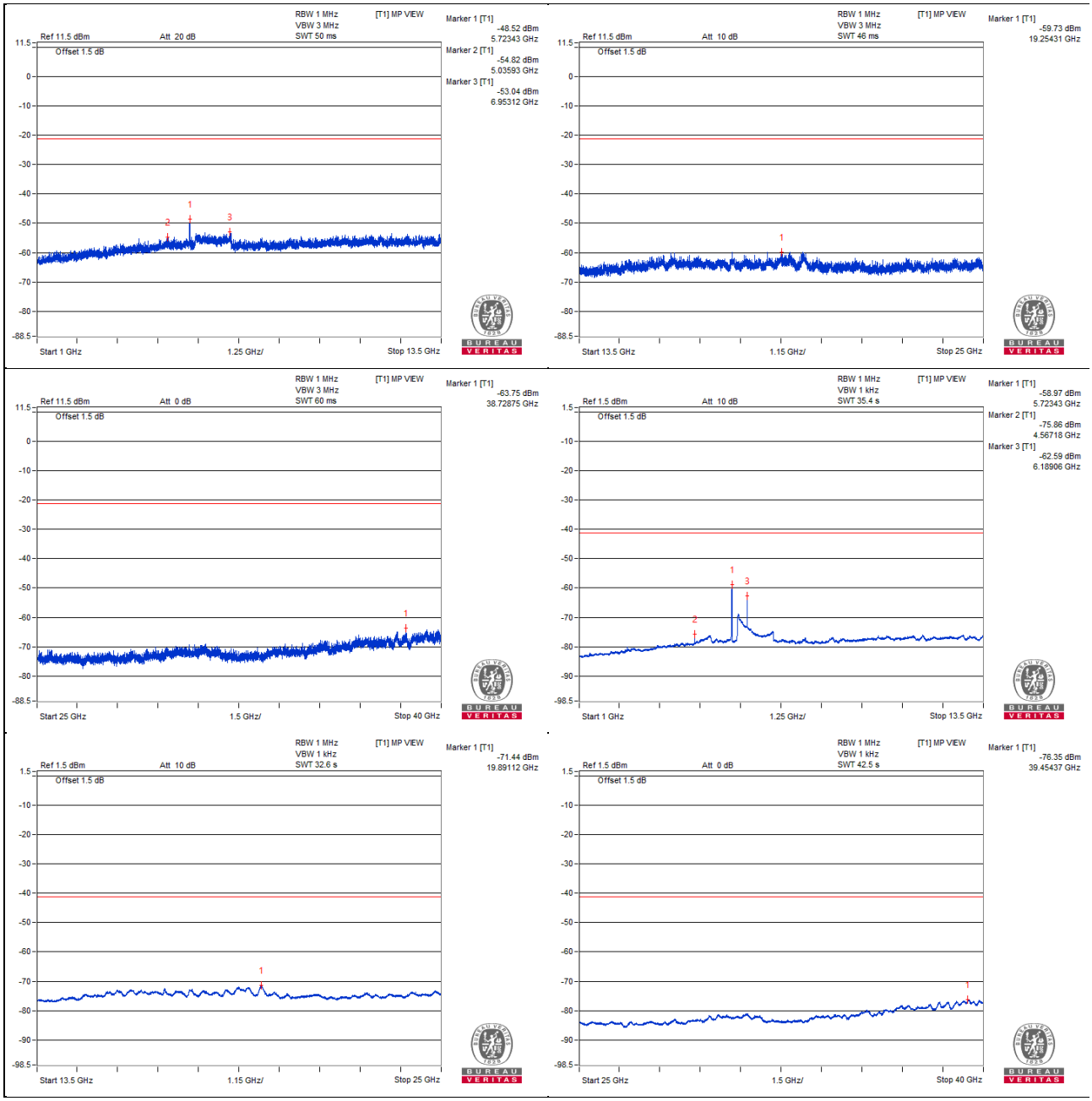


802.11ac (VHT40) - Channel 142

Conducted spurious emission table

No.	Frequency (MHz)	Emission Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Raw Value (dBm)	Correction Factor (dB)	EIRP Level (dBm)
1	5723.43 PK	53.04	*		-48.52	6.3	-42.22
2	5035.93 PK	46.74	74	-27.26	-54.82	6.3	-48.52
3	6953.12 PK	48.52	68.2	-19.68	-53.04	6.3	-46.74
4	19254.31 PK	41.83	74	-32.17	-59.73	6.3	-53.43
5	38728.75 PK	37.81	74	-36.19	-63.75	6.3	-57.45
6	5723.43 AV	42.59	*		-58.97	6.3	-52.67
7	4567.18 AV	25.7	54	-28.3	-75.86	6.3	-69.56
8	6189.06 AV	38.97	#		-62.59	6.3	-56.29
9	19891.12 AV	30.12	54	-23.88	-71.44	6.3	-65.14
10	39454.37 AV	25.21	54	-28.79	-76.35	6.3	-70.05

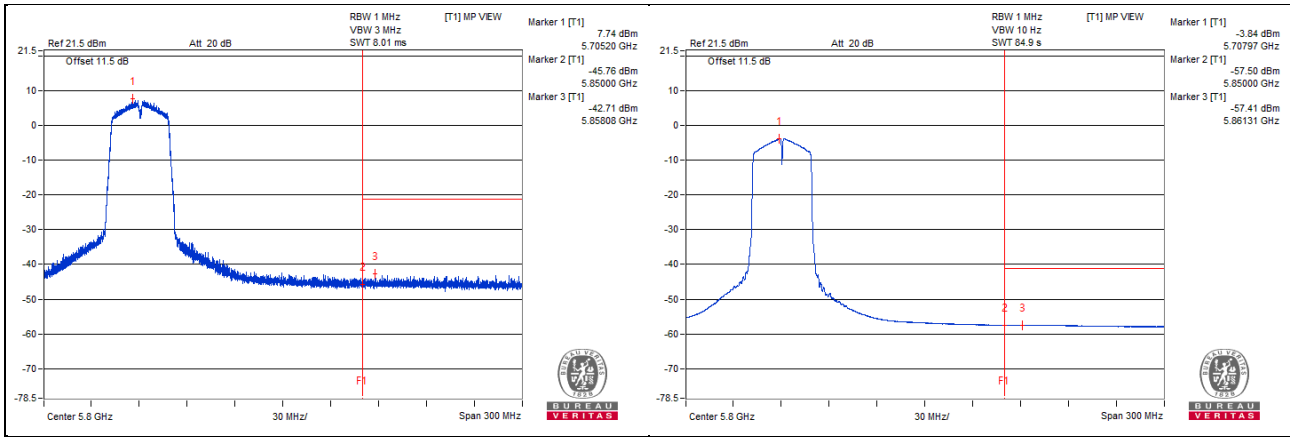
Note :
1. Emission Level (dBuV/m) = EIRP Level (dBm) – 20log(d) + 104.8
   d = measurement distance in 3 meters.
2. * : Fundamental frequency, the limit was restricted at the output power.
3. # : Non-restricted frequency, no limit for average emission.


RBW 1 MHz
VBW 3 MHz
SWT 50 ms
[T1] MP VIEW
Marker 1 [T1]
-48.52 dBm
5.72343 GHz
Marker 2 [T1]
-54.82 dBm
5.03593 GHz
Marker 3 [T1]
-53.04 dBm
6.95312 GHz
Ref 11.5 dBm
Att 20 dB
Offset 1.5 dB
Start 1 GHz
1.25 GHz/
Stop 13.5 GHz
RBW 1 MHz
VBW 3 MHz
SWT 46 ms
[T1] MP VIEW
Marker 1 [T1]
-59.73 dBm
19.25431 GHz
Ref 11.5 dBm
Att 10 dB
Offset 1.5 dB
Start 13.5 GHz
1.15 GHz/
Stop 25 GHz
RBW 1 MHz
VBW 3 MHz
SWT 60 ms
[T1] MP VIEW
Marker 1 [T1]
-63.75 dBm
38.72875 GHz
Ref 11.5 dBm
Att 0 dB
Offset 1.5 dB
Start 25 GHz
1.5 GHz/
Stop 40 GHz
RBW 1 MHz
VBW 1 kHz
SWT 35.4 s
[T1] MP VIEW
Marker 1 [T1]
-58.97 dBm
5.72343 GHz
Marker 2 [T1]
-75.86 dBm
4.56718 GHz
Marker 3 [T1]
-62.59 dBm
6.18906 GHz
Ref 1.5 dBm
Att 10 dB
Offset 1.5 dB
Start 1 GHz
1.25 GHz/
Stop 13.5 GHz
RBW 1 MHz
VBW 1 kHz
SWT 32.6 s
[T1] MP VIEW
Marker 1 [T1]
-71.44 dBm
19.89112 GHz
Ref 1.5 dBm
Att 10 dB
Offset 1.5 dB
Start 13.5 GHz
1.15 GHz/
Stop 25 GHz
RBW 1 MHz
VBW 1 kHz
SWT 42.5 s
[T1] MP VIEW
Marker 1 [T1]
-76.35 dBm
39.45437 GHz
Ref 1.5 dBm
Att 0 dB
Offset 1.5 dB
Start 25 GHz
1.5 GHz/
Stop 40 GHz

Bandedge table

No.	Frequency (MHz)	Emission Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Raw Value (dBm)	Correction Factor (dB)	EIRP Level (dBm)
1	5705.2 PK	109.3	*		7.74	6.3	14.04
2	5850 PK	55.8	68.2	-12.4	-45.76	6.3	-39.46
3	5858.08 PK	58.85	68.2	-9.35	-42.71	6.3	-36.41
4	5707.97 AV	97.72	*		-3.84	6.3	2.46
5	5850 AV	44.06	#		-57.5	6.3	-51.2
6	5861.31 AV	44.15	#		-57.41	6.3	-51.11

Note :
1. Emission Level (dBuV/m) = EIRP Level (dBm) – 20log(d) + 104.8
   d = measurement distance in 3 meters.
2. * : Fundamental frequency, the limit was restricted at the output power.
3. # : Non-restricted frequency, no limit for average emission.



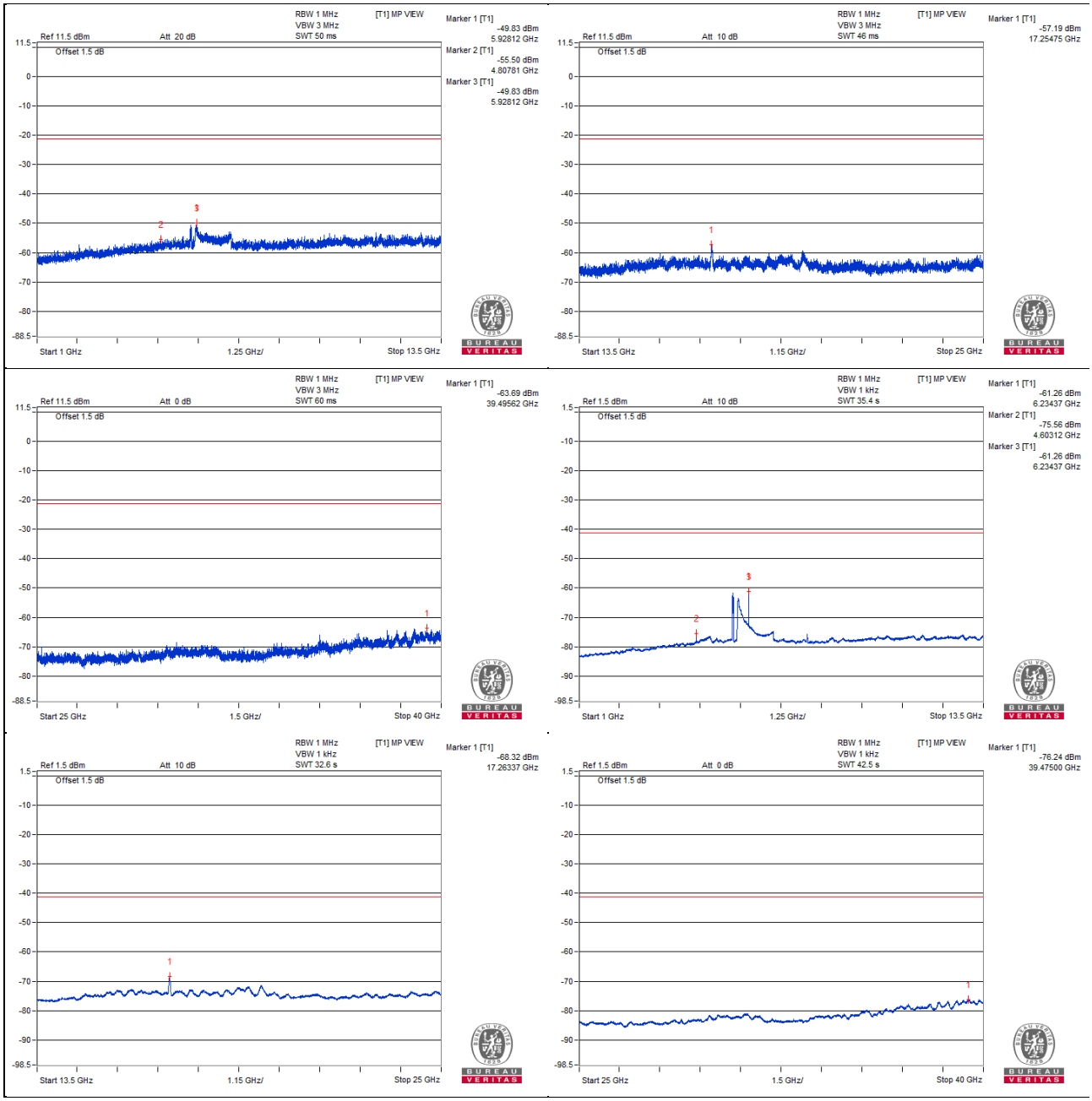
802.11ac (VHT40) – Channel 151

Conducted spurious emission table

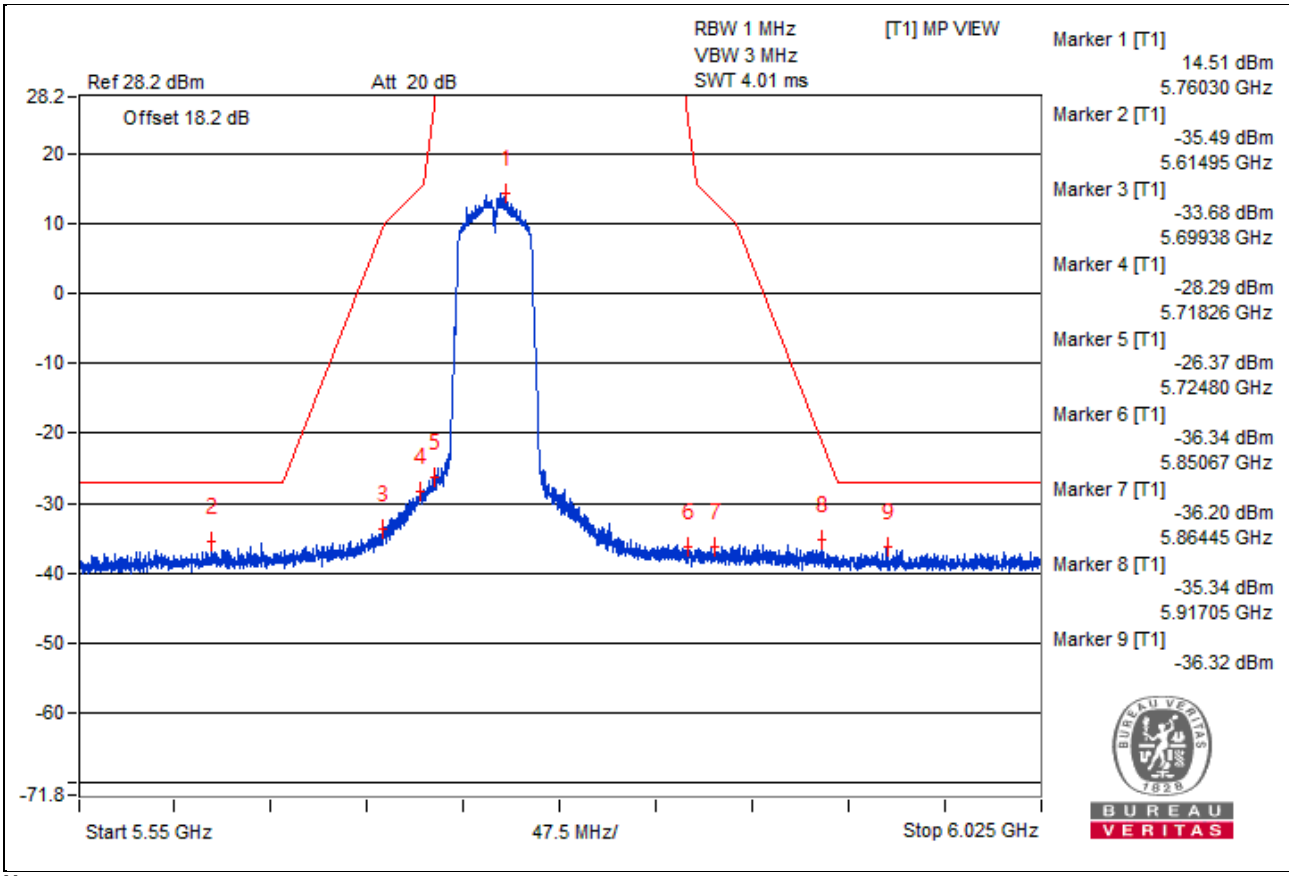
No.	Frequency (MHz)	Emission Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Raw Value (dBm)	Correction Factor (dB)	EIRP Level (dBm)
1	5928.12 PK	51.73	68.2	-16.47	-49.83	6.3	-43.53
2	4807.81 PK	46.06	74	-27.94	-55.5	6.3	-49.2
3	5928.12 PK	51.73	68.2	-16.47	-49.83	6.3	-43.53
4	17254.75 PK	44.37	68.2	-23.83	-57.19	6.3	-50.89
5	39495.62 PK	37.87	74	-36.13	-63.69	6.3	-57.39
6	6234.37 AV	40.3	#		-61.26	6.3	-54.96
7	4603.12 AV	26	54	-28	-75.56	6.3	-69.26
8	6234.37 AV	40.3	#		-61.26	6.3	-54.96
9	17263.37 AV	33.24	#		-68.32	6.3	-62.02
10	39475 AV	25.32	54	-28.68	-76.24	6.3	-69.94

Note :

1. Emission Level (dBuV/m) = EIRP Level (dBm) – 20log(d) + 104.8
   d = measurement distance in 3 meters.
2. # : Non-restricted frequency, no limit for average emission.


RBW 1 MHz
VBW 3 MHz
SWT 50 ms
[T1] MP VIEW
Marker 1 [T1]
-49.83 dBm
5.92812 GHz
Marker 2 [T1]
-55.50 dBm
4.80781 GHz
Marker 3 [T1]
-49.83 dBm
5.92812 GHz
Ref 11.5 dBm
Att 20 dB
Offset 1.5 dB
Start 1 GHz
1.25 GHz/
Stop 13.5 GHz
RBW 1 MHz
VBW 3 MHz
SWT 46 ms
[T1] MP VIEW
Marker 1 [T1]
-57.19 dBm
17.25475 GHz
Ref 11.5 dBm
Att 10 dB
Offset 1.5 dB
Start 13.5 GHz
1.15 GHz/
Stop 25 GHz
RBW 1 MHz
VBW 3 MHz
SWT 60 ms
[T1] MP VIEW
Marker 1 [T1]
-63.69 dBm
39.49562 GHz
Ref 11.5 dBm
Att 0 dB
Offset 1.5 dB
Start 25 GHz
1.5 GHz/
Stop 40 GHz
RBW 1 MHz
VBW 1 kHz
SWT 35.4 s
[T1] MP VIEW
Marker 1 [T1]
-61.26 dBm
6.23437 GHz
Marker 2 [T1]
-75.56 dBm
4.60312 GHz
Marker 3 [T1]
-61.26 dBm
6.23437 GHz
Ref 1.5 dBm
Att 10 dB
Offset 1.5 dB
Start 1 GHz
1.25 GHz/
Stop 13.5 GHz
RBW 1 MHz
VBW 1 kHz
SWT 32.6 s
[T1] MP VIEW
Marker 1 [T1]
-68.32 dBm
17.26337 GHz
Ref 1.5 dBm
Att 10 dB
Offset 1.5 dB
Start 13.5 GHz
1.15 GHz/
Stop 25 GHz
RBW 1 MHz
VBW 1 kHz
SWT 42.5 s
[T1] MP VIEW
Marker 1 [T1]
-76.24 dBm
39.47500 GHz
Ref 1.5 dBm
Att 0 dB
Offset 1.5 dB
Start 25 GHz
1.5 GHz/
Stop 40 GHz

Bandedge table



Note:
1. The offset including attenuator (10dB), cable loss (1.9 dB) and antenna gain (6.3 dBi).
2. The test results were EIRP.

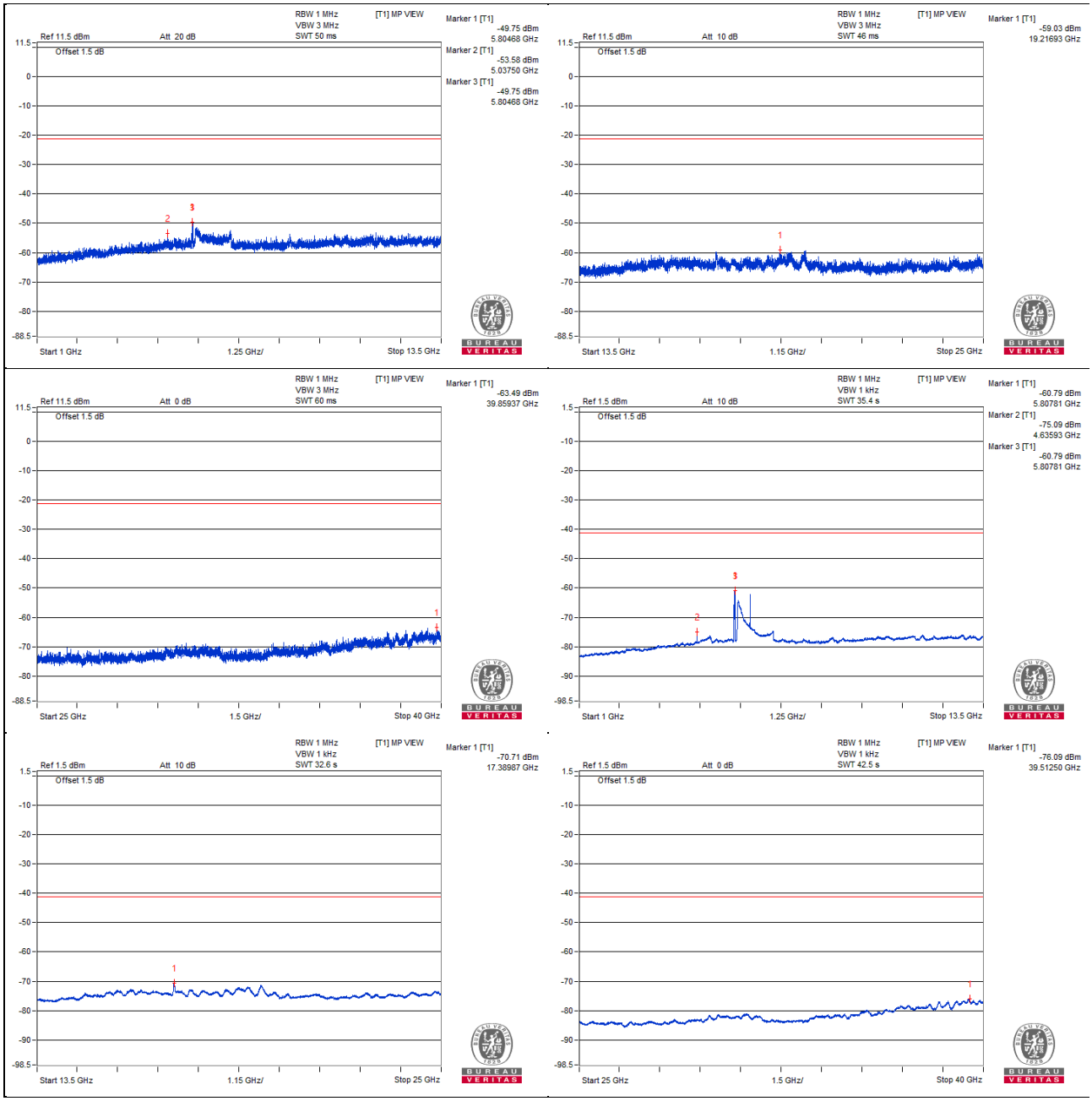
802.11ac (VHT40) – Channel 159

Conducted spurious emission table

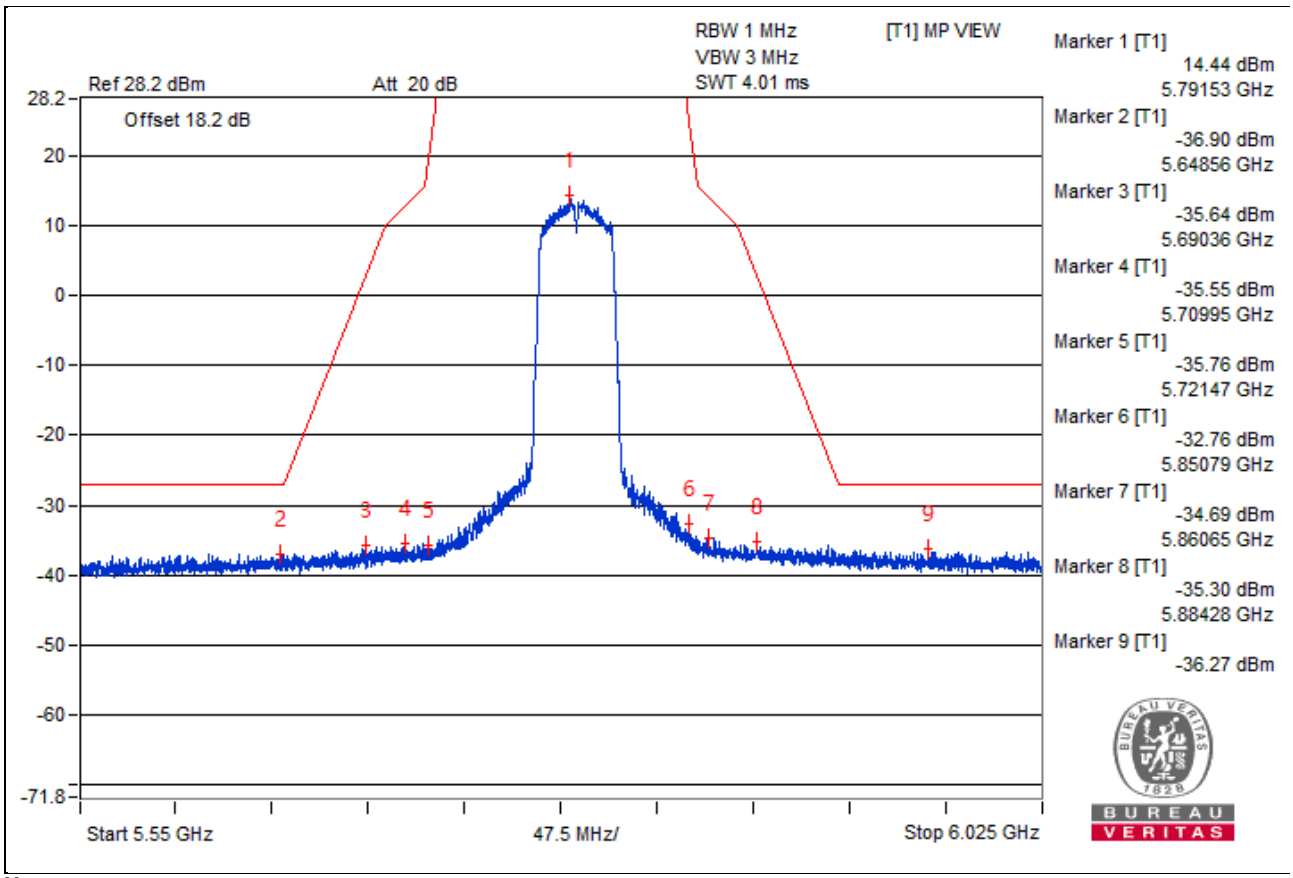
No.	Frequency (MHz)	Emission Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Raw Value (dBm)	Correction Factor (dB)	EIRP Level (dBm)
1	5804.68 PK	51.81	*		-49.75	6.3	-43.45
2	5037.5 PK	47.98	74	-26.02	-53.58	6.3	-47.28
3	5804.68 PK	51.81	*		-49.75	6.3	-43.45
4	19216.93 PK	42.53	74	-31.47	-59.03	6.3	-52.73
5	39859.37 PK	38.07	74	-35.93	-63.49	6.3	-57.19
6	5807.81 AV	40.77	*		-60.79	6.3	-54.49
7	4635.93 AV	26.47	54	-27.53	-75.09	6.3	-68.79
8	5807.81 AV	40.77	*		-60.79	6.3	-54.49
9	17389.87 AV	30.85	#		-70.71	6.3	-64.41
10	39512.5 AV	25.47	54	-28.53	-76.09	6.3	-69.79

Note :

1. Emission Level (dBuV/m) = EIRP Level (dBm) – 20log(d) + 104.8
   d = measurement distance in 3 meters.
2. * : Fundamental frequency, the limit was restricted at the output power.
3. # : Non-restricted frequency, no limit for average emission.


RBW 1 MHz
VBW 3 MHz
SWT 50 ms
[T1] MP VIEW
Marker 1 [T1]
-49.75 dBm
5.80468 GHz
Marker 2 [T1]
-53.58 dBm
5.03750 GHz
Marker 3 [T1]
-49.75 dBm
5.80468 GHz
Ref 11.5 dBm
Att 20 dB
Offset 1.5 dB
Start 1 GHz
1.25 GHz/
Stop 13.5 GHz
RBW 1 MHz
VBW 3 MHz
SWT 46 ms
[T1] MP VIEW
Marker 1 [T1]
-59.03 dBm
19.21693 GHz
Ref 11.5 dBm
Att 10 dB
Offset 1.5 dB
Start 13.5 GHz
1.15 GHz/
Stop 25 GHz
RBW 1 MHz
VBW 3 MHz
SWT 60 ms
[T1] MP VIEW
Marker 1 [T1]
-63.49 dBm
39.85937 GHz
Ref 11.5 dBm
Att 0 dB
Offset 1.5 dB
Start 25 GHz
1.5 GHz/
Stop 40 GHz
RBW 1 MHz
VBW 1 kHz
SWT 35.4 s
[T1] MP VIEW
Marker 1 [T1]
-60.79 dBm
5.80781 GHz
Marker 2 [T1]
-75.09 dBm
4.63593 GHz
Marker 3 [T1]
-60.79 dBm
5.80781 GHz
Ref 1.5 dBm
Att 10 dB
Offset 1.5 dB
Start 1 GHz
1.25 GHz/
Stop 13.5 GHz
RBW 1 MHz
VBW 1 kHz
SWT 32.6 s
[T1] MP VIEW
Marker 1 [T1]
-70.71 dBm
17.38987 GHz
Ref 1.5 dBm
Att 10 dB
Offset 1.5 dB
Start 13.5 GHz
1.15 GHz/
Stop 25 GHz
RBW 1 MHz
VBW 1 kHz
SWT 42.5 s
[T1] MP VIEW
Marker 1 [T1]
-76.09 dBm
39.51250 GHz
Ref 1.5 dBm
Att 0 dB
Offset 1.5 dB
Start 25 GHz
1.5 GHz/
Stop 40 GHz

Bandedge table



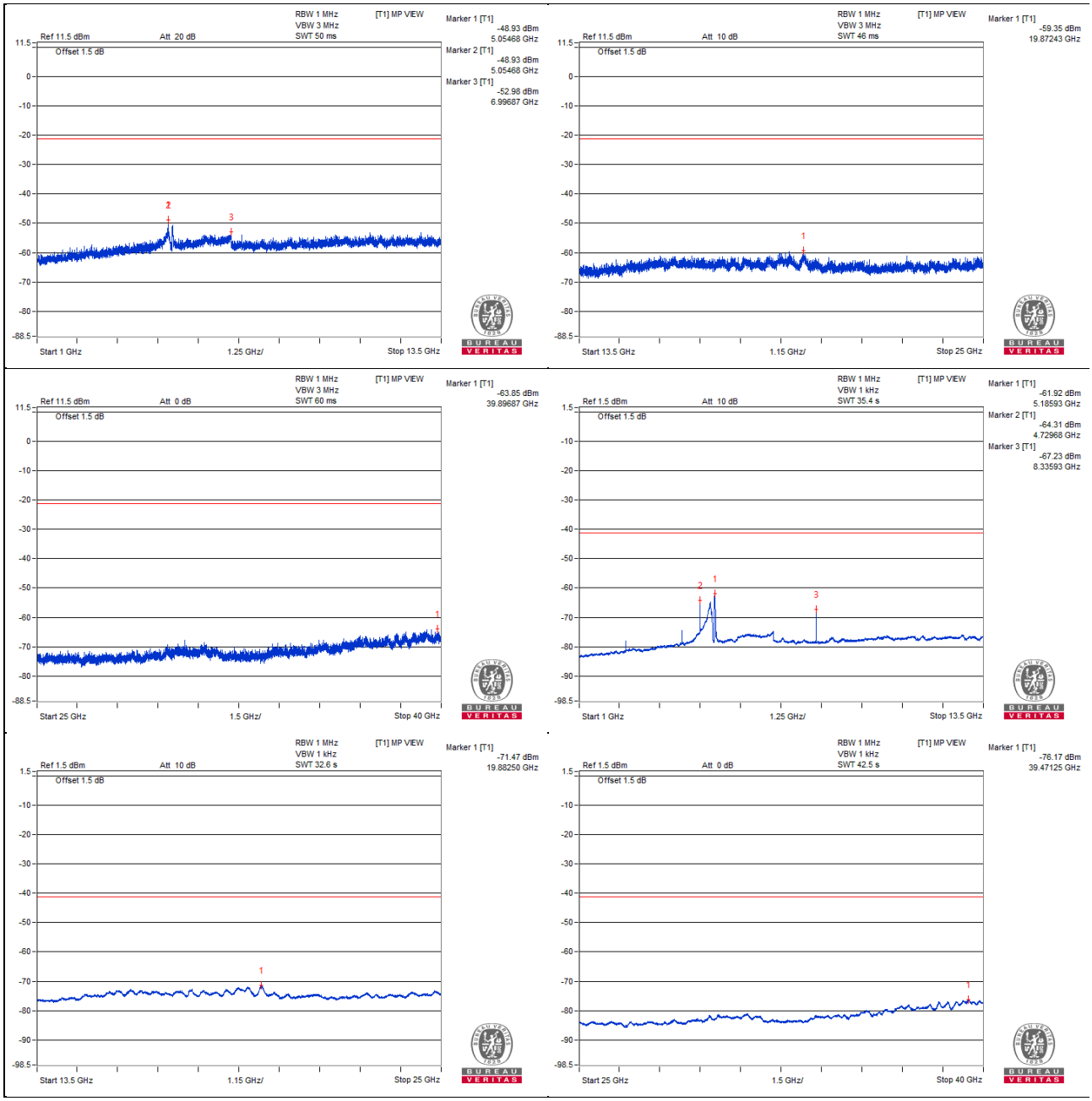
Note:
1. The offset including attenuator (10dB), cable loss (1.9 dB) and antenna gain (6.3 dBi).
2. The test results were EIRP.

802.11ac (VHT80) - Channel 42

Conducted spurious emission table

No.	Frequency (MHz)	Emission Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Raw Value (dBm)	Correction Factor (dB)	EIRP Level (dBm)
1	5054.68 PK	52.63	74	-21.37	-48.93	6.3	-42.63
2	5054.68 PK	52.63	74	-21.37	-48.93	6.3	-42.63
3	6996.87 PK	48.58	68.2	-19.62	-52.98	6.3	-46.68
4	19872.43 PK	42.21	74	-31.79	-59.35	6.3	-53.05
5	39896.87 PK	37.71	74	-36.29	-63.85	6.3	-57.55
6	5185.93 AV	39.64	*		-61.92	6.3	-55.62
7	4729.68 AV	37.25	54	-16.75	-64.31	6.3	-58.01
8	8335.93 AV	34.33	54	-19.67	-67.23	6.3	-60.93
9	19882.5 AV	30.09	54	-23.91	-71.47	6.3	-65.17
10	39471.25 AV	25.39	54	-28.61	-76.17	6.3	-69.87

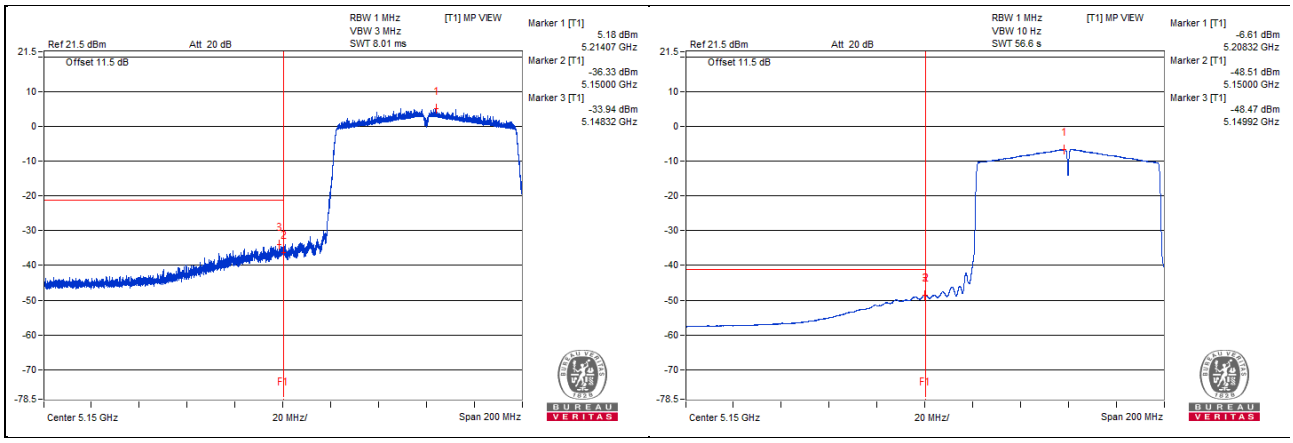
Note :
1. Emission Level (dBuV/m) = EIRP Level (dBm) – 20log(d) + 104.8
   d = measurement distance in 3 meters.
2. * : Fundamental frequency, the limit was restricted at the output power.


RBW 1 MHz
VBW 3 MHz
SWT 50 ms
[T1] MP VIEW
Marker 1 [T1]
-48.93 dBm
5.05468 GHz
Marker 2 [T1]
-48.93 dBm
5.05468 GHz
Marker 3 [T1]
-52.98 dBm
6.99687 GHz
Ref 11.5 dBm
Att 20 dB
Offset 1.5 dB
Start 1 GHz
1.25 GHz/
Stop 13.5 GHz
RBW 1 MHz
VBW 3 MHz
SWT 46 ms
[T1] MP VIEW
Marker 1 [T1]
-59.35 dBm
19.87243 GHz
Ref 11.5 dBm
Att 10 dB
Offset 1.5 dB
Start 13.5 GHz
1.15 GHz/
Stop 25 GHz
RBW 1 MHz
VBW 3 MHz
SWT 60 ms
[T1] MP VIEW
Marker 1 [T1]
-63.85 dBm
39.89687 GHz
Ref 11.5 dBm
Att 0 dB
Offset 1.5 dB
Start 25 GHz
1.5 GHz/
Stop 40 GHz
RBW 1 MHz
VBW 1 kHz
SWT 35.4 s
[T1] MP VIEW
Marker 1 [T1]
-61.92 dBm
5.18593 GHz
Marker 2 [T1]
-64.31 dBm
4.72968 GHz
Marker 3 [T1]
-67.23 dBm
8.33593 GHz
Ref 1.5 dBm
Att 10 dB
Offset 1.5 dB
Start 1 GHz
1.25 GHz/
Stop 13.5 GHz
RBW 1 MHz
VBW 1 kHz
SWT 32.6 s
[T1] MP VIEW
Marker 1 [T1]
-71.47 dBm
19.88250 GHz
Ref 1.5 dBm
Att 10 dB
Offset 1.5 dB
Start 13.5 GHz
1.15 GHz/
Stop 25 GHz
RBW 1 MHz
VBW 1 kHz
SWT 42.5 s
[T1] MP VIEW
Marker 1 [T1]
-76.17 dBm
39.47125 GHz
Ref 1.5 dBm
Att 0 dB
Offset 1.5 dB
Start 25 GHz
1.5 GHz/
Stop 40 GHz

Bandedge table

No.	Frequency (MHz)	Emission Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Raw Value (dBm)	Correction Factor (dB)	EIRP Level (dBm)
1	5214.07 PK	106.04	*		5.18	5.6	10.78
2	5150 PK	64.53	74	-9.47	-36.33	5.6	-30.73
3	5148.32 PK	66.92	74	-7.08	-33.94	5.6	-28.34
4	5208.32 AV	94.25	*		-6.61	5.6	-1.01
5	5150 AV	52.35	54	-1.65	-48.51	5.6	-42.91
6	**5149.92 AV**	**52.39**	**54**	**-1.61**	**-48.47**	**5.6**	**-42.87**

Note :
1. Emission Level (dBuV/m) = EIRP Level (dBm) – 20log(d) + 104.8
   d = measurement distance in 3 meters.
2. * : Fundamental frequency, the limit was restricted at the output power.

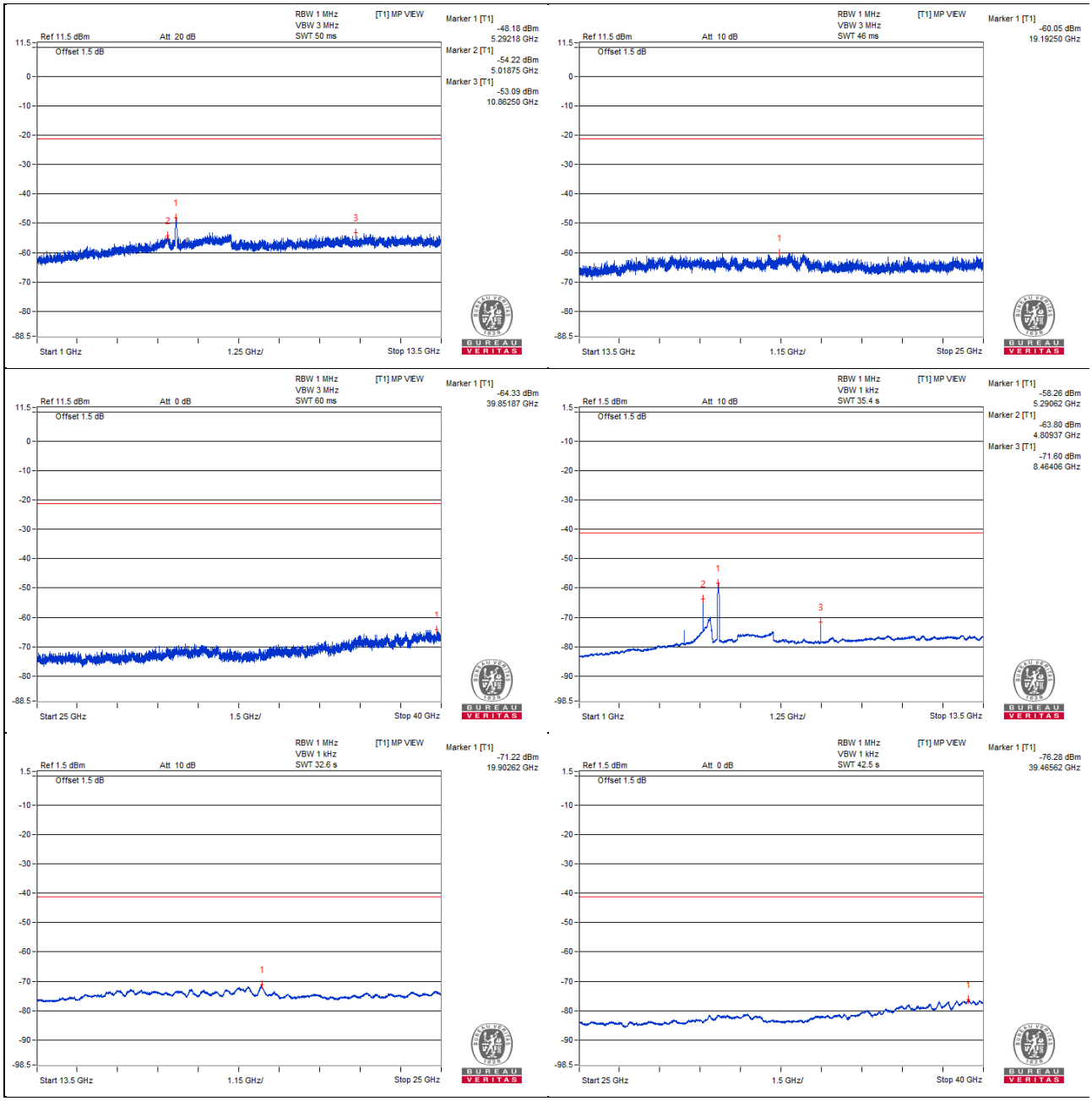


802.11ac (VHT80) - Channel 58

Conducted spurious emission table

No.	Frequency (MHz)	Emission Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Raw Value (dBm)	Correction Factor (dB)	EIRP Level (dBm)
1	5292.18 PK	53.38	*		-48.18	6.3	-41.88
2	5018.75 PK	47.34	74	-26.66	-54.22	6.3	-47.92
3	10862.5 PK	48.47	74	-25.53	-53.09	6.3	-46.79
4	19192.5 PK	41.51	74	-32.49	-60.05	6.3	-53.75
5	39851.87 PK	37.23	74	-36.77	-64.33	6.3	-58.03
6	5290.62 AV	43.3	*		-58.26	6.3	-51.96
7	4809.37 AV	37.76	54	-16.24	-63.8	6.3	-57.5
8	8464.06 AV	29.96	54	-24.04	-71.6	6.3	-65.3
9	19902.62 AV	30.34	54	-23.66	-71.22	6.3	-64.92
10	39465.62 AV	25.28	54	-28.72	-76.28	6.3	-69.98

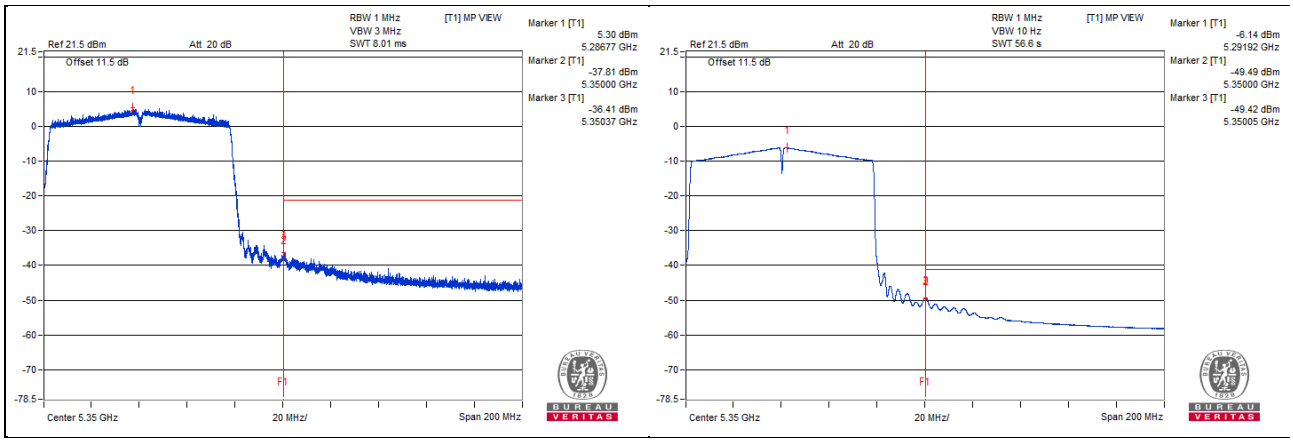
Note :
1. Emission Level (dBuV/m) = EIRP Level (dBm) – 20log(d) + 104.8
   d = measurement distance in 3 meters.
2. * : Fundamental frequency, the limit was restricted at the output power.


RBW 1 MHz
VBW 3 MHz
SWT 50 ms
[T1] MP VIEW
Marker 1 [T1]
-48.18 dBm
5.29218 GHz
Marker 2 [T1]
-54.22 dBm
5.01875 GHz
Marker 3 [T1]
-53.09 dBm
10.86250 GHz
Ref 11.5 dBm
Att 20 dB
Offset 1.5 dB
Start 1 GHz
1.25 GHz/
Stop 13.5 GHz
RBW 1 MHz
VBW 3 MHz
SWT 46 ms
[T1] MP VIEW
Marker 1 [T1]
-60.05 dBm
19.19250 GHz
Ref 11.5 dBm
Att 10 dB
Offset 1.5 dB
Start 13.5 GHz
1.15 GHz/
Stop 25 GHz
RBW 1 MHz
VBW 3 MHz
SWT 60 ms
[T1] MP VIEW
Marker 1 [T1]
-64.33 dBm
39.85187 GHz
Ref 11.5 dBm
Att 0 dB
Offset 1.5 dB
Start 25 GHz
1.5 GHz/
Stop 40 GHz
RBW 1 MHz
VBW 1 kHz
SWT 35.4 s
[T1] MP VIEW
Marker 1 [T1]
-58.26 dBm
5.29062 GHz
Marker 2 [T1]
-63.80 dBm
4.80937 GHz
Marker 3 [T1]
-71.60 dBm
8.46406 GHz
Ref 1.5 dBm
Att 10 dB
Offset 1.5 dB
Start 1 GHz
1.25 GHz/
Stop 13.5 GHz
RBW 1 MHz
VBW 1 kHz
SWT 32.6 s
[T1] MP VIEW
Marker 1 [T1]
-71.22 dBm
19.90262 GHz
Ref 1.5 dBm
Att 10 dB
Offset 1.5 dB
Start 13.5 GHz
1.15 GHz/
Stop 25 GHz
RBW 1 MHz
VBW 1 kHz
SWT 42.5 s
[T1] MP VIEW
Marker 1 [T1]
-76.28 dBm
39.46562 GHz
Ref 1.5 dBm
Att 0 dB
Offset 1.5 dB
Start 25 GHz
1.5 GHz/
Stop 40 GHz

Bandedge table

No.	Frequency (MHz)	Emission Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Raw Value (dBm)	Correction Factor (dB)	EIRP Level (dBm)
1	5286.77 PK	106.53	*		5.3	5.97	11.27
2	5350 PK	63.42	74	-10.58	-37.81	5.97	-31.84
3	5350.37 PK	64.82	74	-9.18	-36.41	5.97	-30.44
4	5291.92 AV	95.09	*		-6.14	5.97	-0.17
5	5350 AV	51.74	54	-2.26	-49.49	5.97	-43.52
6	5350.05 AV	51.81	54	-2.19	-49.42	5.97	-43.45

Note :
1. Emission Level (dBuV/m) = EIRP Level (dBm) – 20log(d) + 104.8
   d = measurement distance in 3 meters.
2. * : Fundamental frequency, the limit was restricted at the output power.

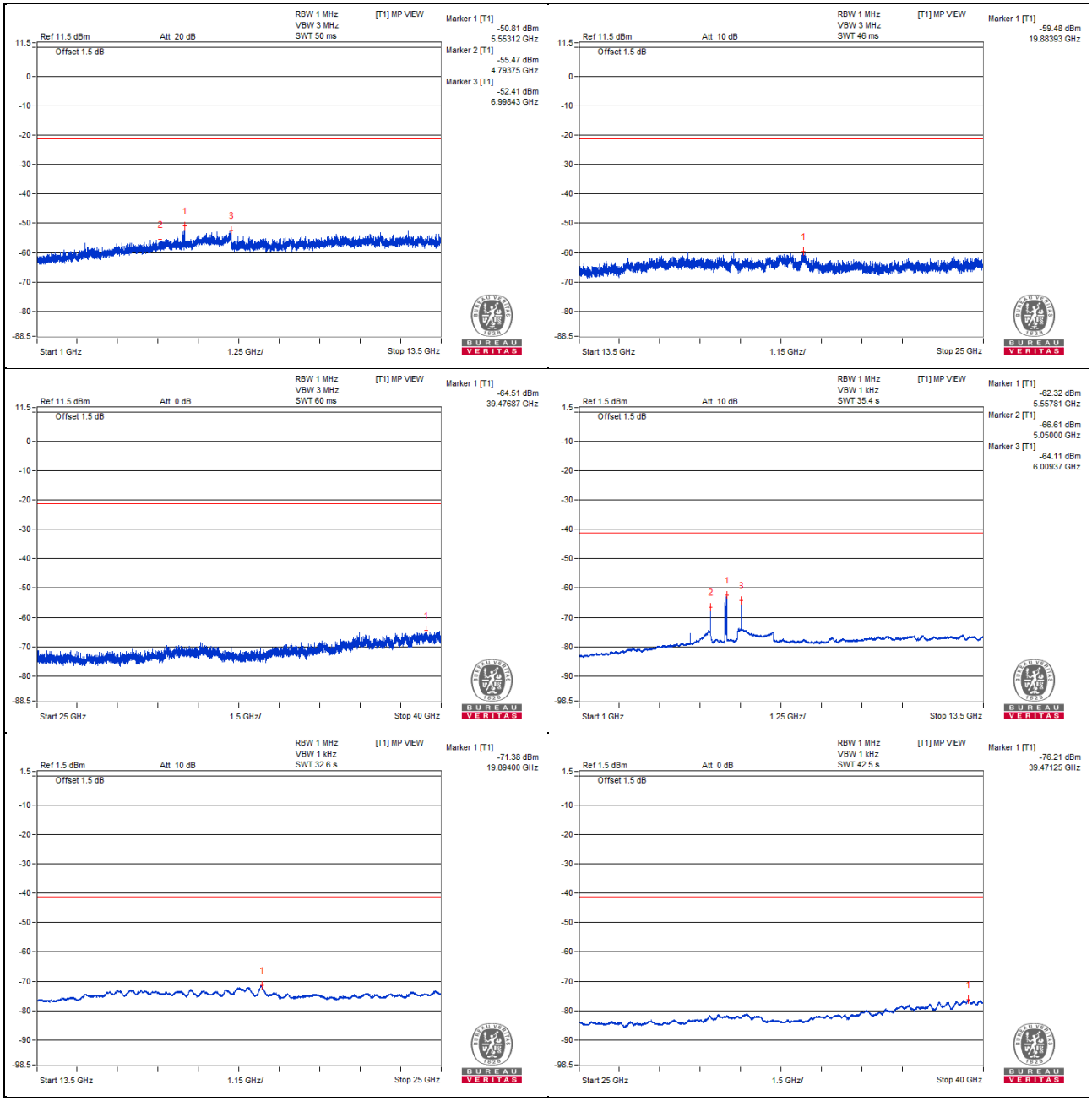


802.11ac (VHT80) - Channel 106

Conducted spurious emission table

No.	Frequency (MHz)	Emission Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Raw Value (dBm)	Correction Factor (dB)	EIRP Level (dBm)
1	5553.12 PK	50.75	*		-50.81	6.3	-44.51
2	4793.75 PK	46.09	74	-27.91	-55.47	6.3	-49.17
3	6998.43 PK	49.15	68.2	-19.05	-52.41	6.3	-46.11
4	19883.93 PK	42.08	74	-31.92	-59.48	6.3	-53.18
5	39476.87 PK	37.05	74	-36.95	-64.51	6.3	-58.21
6	5557.81 AV	39.24	*		-62.32	6.3	-56.02
7	5050 AV	34.95	54	-19.05	-66.61	6.3	-60.31
8	6009.37 AV	37.45	#		-64.11	6.3	-57.81
9	19894 AV	30.18	54	-23.82	-71.38	6.3	-65.08
10	39471.25 AV	25.35	54	-28.65	-76.21	6.3	-69.91

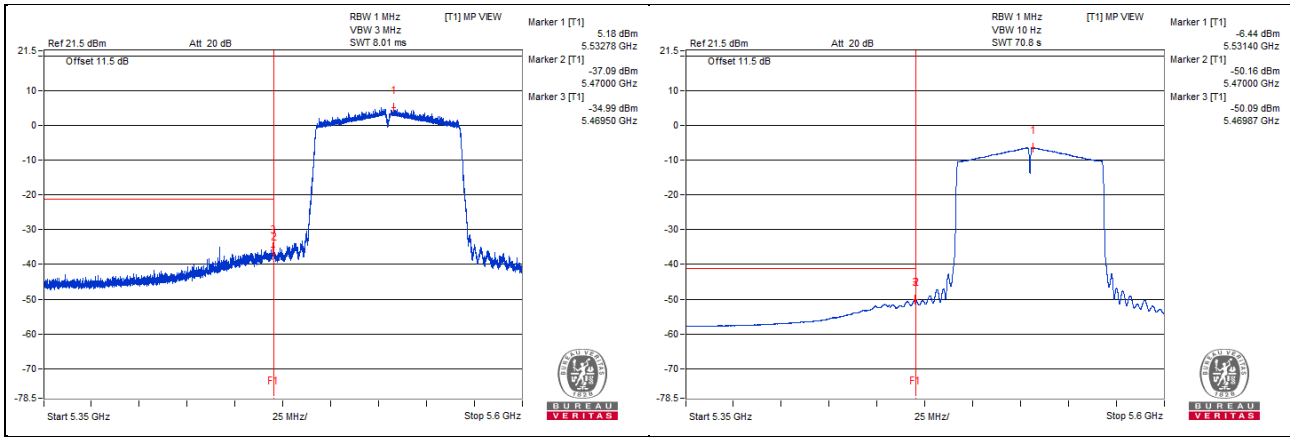
Note :
1. Emission Level (dBuV/m) = EIRP Level (dBm) – 20log(d) + 104.8
   d = measurement distance in 3 meters.
2. * : Fundamental frequency, the limit was restricted at the output power.
3. # : Non-restricted frequency, no limit for average emission.


RBW 1 MHz
VBW 3 MHz
SWT 50 ms
[T1] MP VIEW
Marker 1 [T1]
-50.81 dBm
5.55312 GHz
Marker 2 [T1]
-55.47 dBm
4.79375 GHz
Marker 3 [T1]
-52.41 dBm
6.99843 GHz
Ref 11.5 dBm
Att 20 dB
Offset 1.5 dB
Start 1 GHz
1.25 GHz/
Stop 13.5 GHz
RBW 1 MHz
VBW 3 MHz
SWT 46 ms
[T1] MP VIEW
Marker 1 [T1]
-59.48 dBm
19.88393 GHz
Ref 11.5 dBm
Att 10 dB
Offset 1.5 dB
Start 13.5 GHz
1.15 GHz/
Stop 25 GHz
RBW 1 MHz
VBW 3 MHz
SWT 60 ms
[T1] MP VIEW
Marker 1 [T1]
-64.51 dBm
39.47687 GHz
Ref 11.5 dBm
Att 0 dB
Offset 1.5 dB
Start 25 GHz
1.5 GHz/
Stop 40 GHz
RBW 1 MHz
VBW 1 kHz
SWT 35.4 s
[T1] MP VIEW
Marker 1 [T1]
-62.32 dBm
5.55781 GHz
Marker 2 [T1]
-66.61 dBm
5.05000 GHz
Marker 3 [T1]
-64.11 dBm
6.00937 GHz
Ref 1.5 dBm
Att 10 dB
Offset 1.5 dB
Start 1 GHz
1.25 GHz/
Stop 13.5 GHz
RBW 1 MHz
VBW 1 kHz
SWT 32.6 s
[T1] MP VIEW
Marker 1 [T1]
-71.38 dBm
19.89400 GHz
Ref 1.5 dBm
Att 10 dB
Offset 1.5 dB
Start 13.5 GHz
1.15 GHz/
Stop 25 GHz
RBW 1 MHz
VBW 1 kHz
SWT 42.5 s
[T1] MP VIEW
Marker 1 [T1]
-76.21 dBm
39.47125 GHz
Ref 1.5 dBm
Att 0 dB
Offset 1.5 dB
Start 25 GHz
1.5 GHz/
Stop 40 GHz

Bandedge table

No.	Frequency (MHz)	Emission Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Raw Value (dBm)	Correction Factor (dB)	EIRP Level (dBm)
1	5532.78 PK	106.37	*		5.18	5.93	11.11
2	5470 PK	64.1	68.2	-4.1	-37.09	5.93	-31.16
3	5469.5 PK	66.2	68.2	-2	-34.99	5.93	-29.06
4	5531.4 AV	94.75	*		-6.44	5.93	-0.51
5	5470 AV	51.03	#		-50.16	5.93	-44.23
6	5469.87 AV	51.1	#		-50.09	5.93	-44.16

Note :
1. Emission Level (dBuV/m) = EIRP Level (dBm) – 20log(d) + 104.8
   d = measurement distance in 3 meters.
2. * : Fundamental frequency, the limit was restricted at the output power.
3. # : Non-restricted frequency, no limit for average emission.

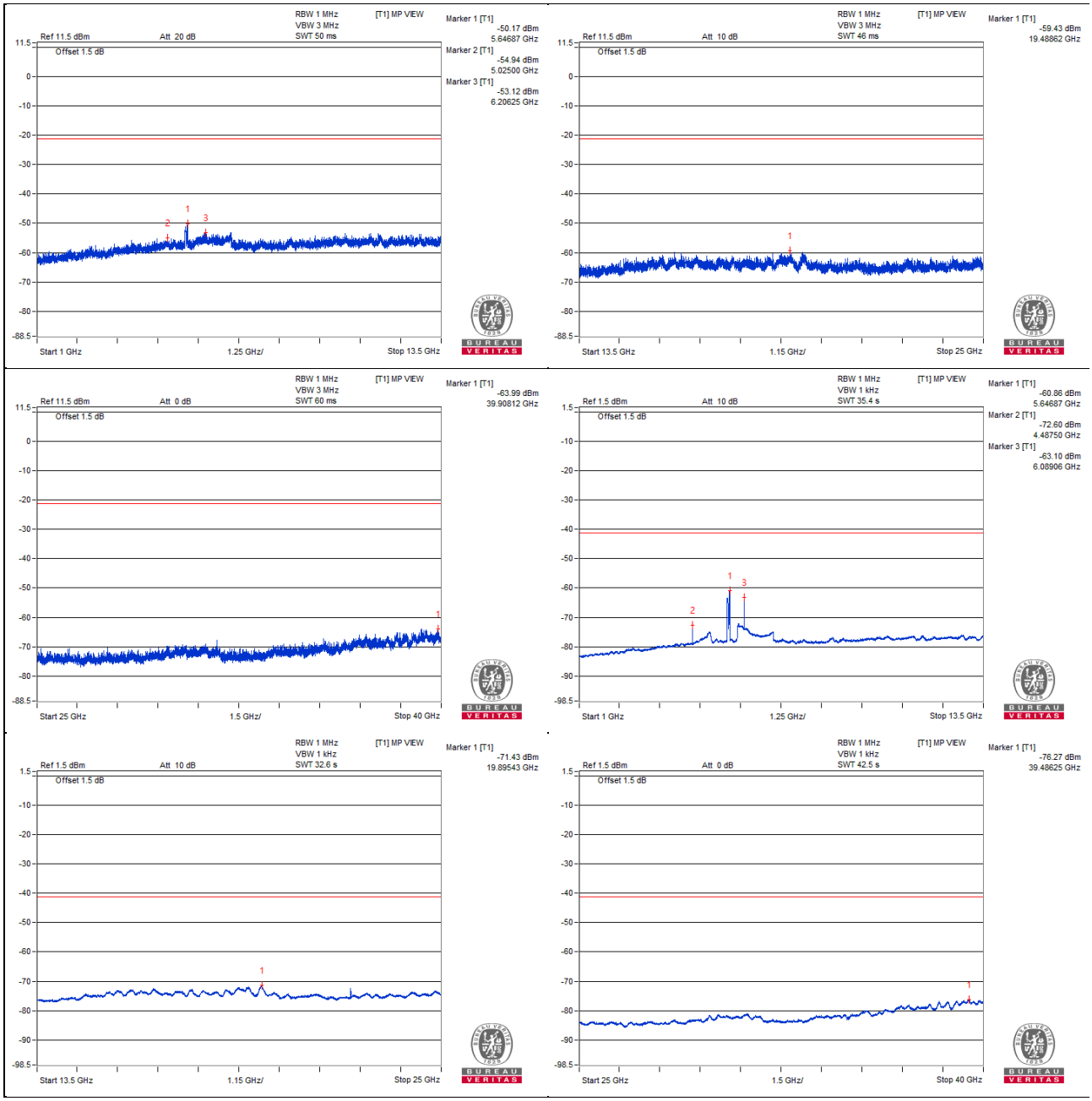


802.11ac (VHT80) - Channel 122

Conducted spurious emission table

No.	Frequency (MHz)	Emission Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Raw Value (dBm)	Correction Factor (dB)	EIRP Level (dBm)
1	5646.87 PK	51.39	*		-50.17	6.3	-43.87
2	5025 PK	46.62	74	-27.38	-54.94	6.3	-48.64
3	6206.25 PK	48.44	68.2	-19.76	-53.12	6.3	-46.82
4	19488.62 PK	42.13	74	-31.87	-59.43	6.3	-53.13
5	39908.12 PK	37.57	74	-36.43	-63.99	6.3	-57.69
6	5646.87 AV	40.7	*		-60.86	6.3	-54.56
7	4487.5 AV	28.96	#		-72.6	6.3	-66.3
8	6089.06 AV	38.46	#		-63.1	6.3	-56.8
9	19895.43 AV	30.13	54	-23.87	-71.43	6.3	-65.13
10	39486.25 AV	25.29	54	-28.71	-76.27	6.3	-69.97

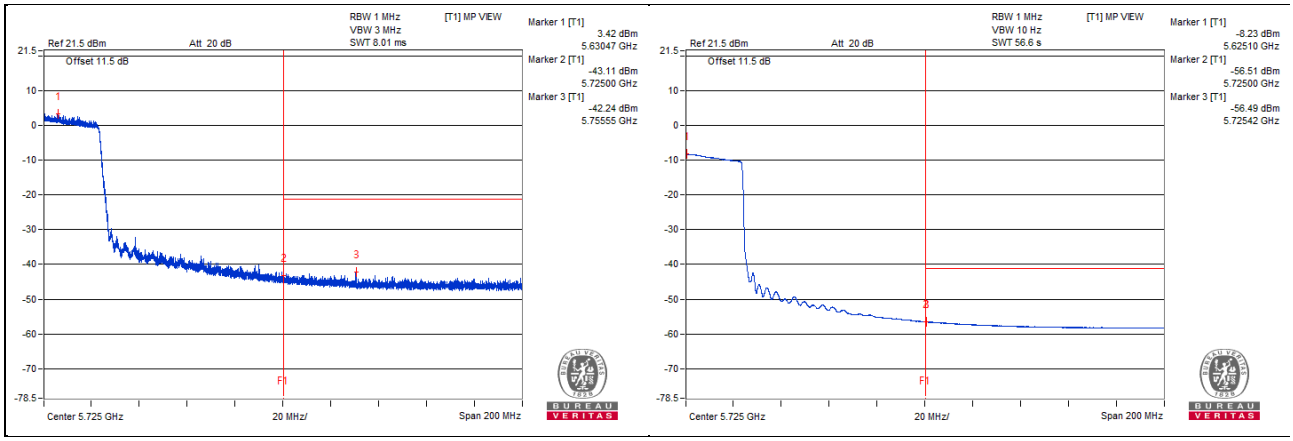
Note :
1. Emission Level (dBuV/m) = EIRP Level (dBm) – 20log(d) + 104.8
   d = measurement distance in 3 meters.
2. * : Fundamental frequency, the limit was restricted at the output power.
3. # : Non-restricted frequency, no limit for average emission.


RBW 1 MHz
VBW 3 MHz
SWT 50 ms
[T1] MP VIEW
Marker 1 [T1]
-50.17 dBm
5.64687 GHz
Marker 2 [T1]
-54.94 dBm
5.02500 GHz
Marker 3 [T1]
-53.12 dBm
6.20625 GHz
Ref 11.5 dBm
Att 20 dB
Offset 1.5 dB
Start 1 GHz
1.25 GHz/
Stop 13.5 GHz
RBW 1 MHz
VBW 3 MHz
SWT 46 ms
[T1] MP VIEW
Marker 1 [T1]
-59.43 dBm
19.48862 GHz
Ref 11.5 dBm
Att 10 dB
Offset 1.5 dB
Start 13.5 GHz
1.15 GHz/
Stop 25 GHz
RBW 1 MHz
VBW 3 MHz
SWT 60 ms
[T1] MP VIEW
Marker 1 [T1]
-63.99 dBm
39.90812 GHz
Ref 11.5 dBm
Att 0 dB
Offset 1.5 dB
Start 25 GHz
1.5 GHz/
Stop 40 GHz
RBW 1 MHz
VBW 1 kHz
SWT 35.4 s
[T1] MP VIEW
Marker 1 [T1]
-60.86 dBm
5.64687 GHz
Marker 2 [T1]
-72.60 dBm
4.45750 GHz
Marker 3 [T1]
-63.10 dBm
6.08906 GHz
Ref 1.5 dBm
Att 10 dB
Offset 1.5 dB
Start 1 GHz
1.25 GHz/
Stop 13.5 GHz
RBW 1 MHz
VBW 1 kHz
SWT 32.6 s
[T1] MP VIEW
Marker 1 [T1]
-71.43 dBm
19.89543 GHz
Ref 1.5 dBm
Att 10 dB
Offset 1.5 dB
Start 13.5 GHz
1.15 GHz/
Stop 25 GHz
RBW 1 MHz
VBW 1 kHz
SWT 42.5 s
[T1] MP VIEW
Marker 1 [T1]
-76.27 dBm
39.48625 GHz
Ref 1.5 dBm
Att 0 dB
Offset 1.5 dB
Start 25 GHz
1.5 GHz/
Stop 40 GHz

Bandedge table

No.	Frequency (MHz)	Emission Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Raw Value (dBm)	Correction Factor (dB)	EIRP Level (dBm)
1	5630.47 PK	104.61	*		3.42	5.93	9.35
2	5725 PK	58.08	68.2	-10.12	-43.11	5.93	-37.18
3	5755.55 PK	58.95	68.2	-9.25	-42.24	5.93	-36.31
4	5625.1 AV	92.96	*		-8.23	5.93	-2.3
5	5725 AV	44.68	#		-56.51	5.93	-50.58
6	5725.42 AV	44.7	#		-56.49	5.93	-50.56

Note :
1. Emission Level (dBuV/m) = EIRP Level (dBm) – 20log(d) + 104.8
   d = measurement distance in 3 meters.
2. * : Fundamental frequency, the limit was restricted at the output power.
3. # : Non-restricted frequency, no limit for average emission.

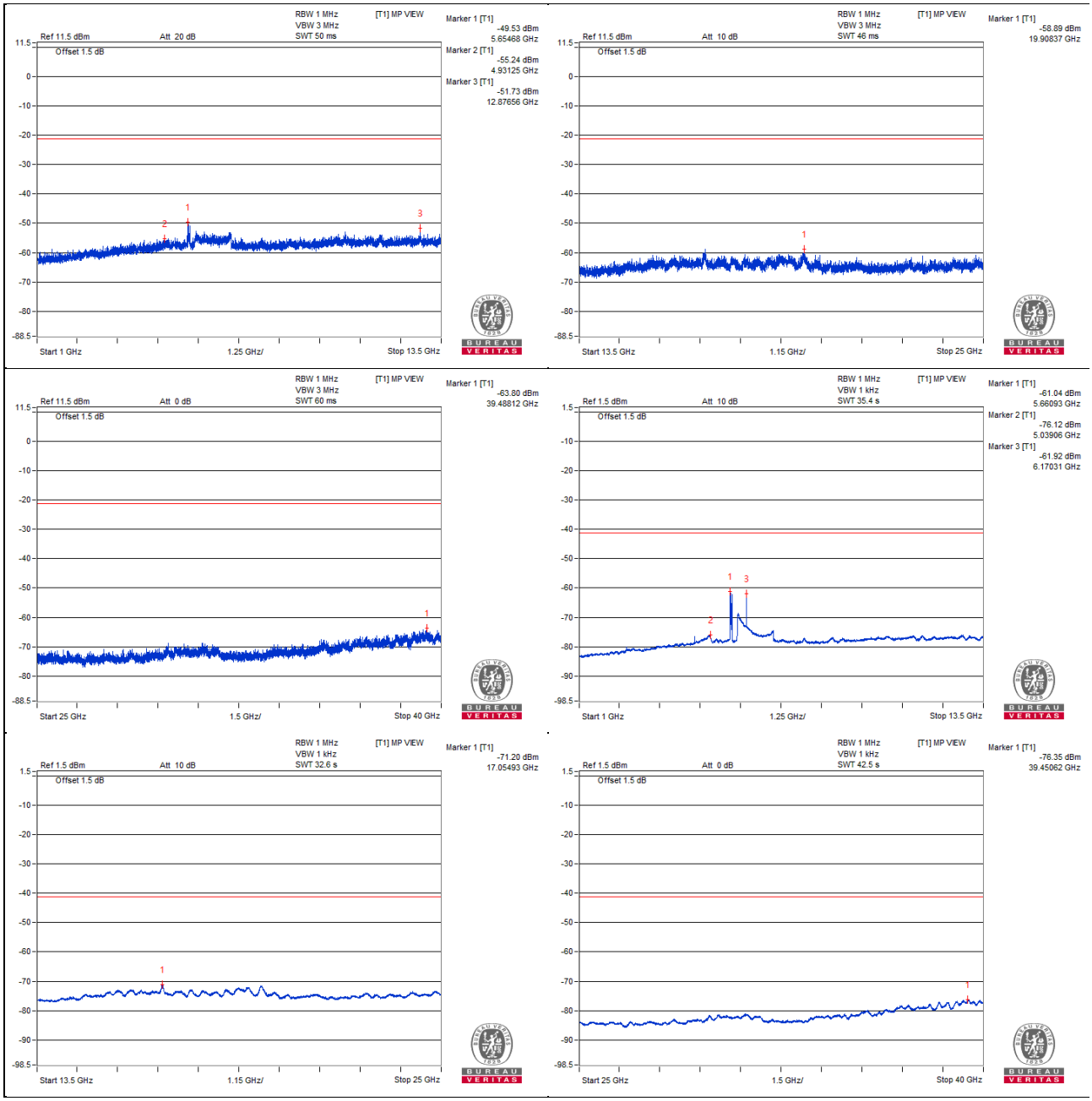


802.11ac (VHT80) - Channel 138

Conducted spurious emission table

No.	Frequency (MHz)	Emission Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Raw Value (dBm)	Correction Factor (dB)	EIRP Level (dBm)
1	5654.68 PK	52.03	*		-49.53	6.3	-43.23
2	4931.25 PK	46.32	74	-27.68	-55.24	6.3	-48.94
3	12876.56 PK	49.83	68.2	-18.37	-51.73	6.3	-45.43
4	19908.37 PK	42.67	74	-31.33	-58.89	6.3	-52.59
5	39488.12 PK	37.76	74	-36.24	-63.8	6.3	-57.5
6	5660.93 AV	40.52	*		-61.04	6.3	-54.74
7	5039.06 AV	25.44	54	-28.56	-76.12	6.3	-69.82
8	6170.31 AV	39.64	#		-61.92	6.3	-55.62
9	17054.93 AV	30.36	#		-71.2	6.3	-64.9
10	39450.62 AV	25.21	54	-28.79	-76.35	6.3	-70.05

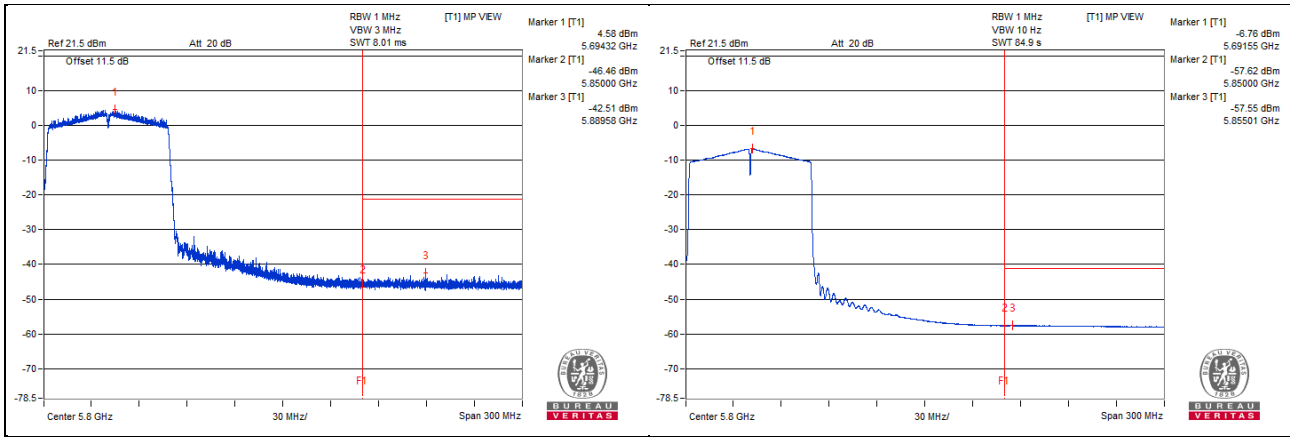
Note :
1. Emission Level (dBuV/m) = EIRP Level (dBm) – 20log(d) + 104.8
   d = measurement distance in 3 meters.
2. * : Fundamental frequency, the limit was restricted at the output power.
3. # : Non-restricted frequency, no limit for average emission.


RBW 1 MHz
VBW 3 MHz
SWT 50 ms
[T1] MP VIEW
Marker 1 [T1]
-49.53 dBm
5.65468 GHz
Marker 2 [T1]
-55.24 dBm
4.93125 GHz
Marker 3 [T1]
-51.73 dBm
12.87656 GHz
Ref 11.5 dBm
Att 20 dB
Offset 1.5 dB
Start 1 GHz
1.25 GHz/
Stop 13.5 GHz
RBW 1 MHz
VBW 3 MHz
SWT 46 ms
[T1] MP VIEW
Marker 1 [T1]
-58.89 dBm
19.90837 GHz
Ref 11.5 dBm
Att 10 dB
Offset 1.5 dB
Start 13.5 GHz
1.15 GHz/
Stop 25 GHz
RBW 1 MHz
VBW 3 MHz
SWT 60 ms
[T1] MP VIEW
Marker 1 [T1]
-63.80 dBm
39.48812 GHz
Ref 11.5 dBm
Att 0 dB
Offset 1.5 dB
Start 25 GHz
1.5 GHz/
Stop 40 GHz
RBW 1 MHz
VBW 1 kHz
SWT 35.4 s
[T1] MP VIEW
Marker 1 [T1]
-61.04 dBm
5.66093 GHz
Marker 2 [T1]
-76.12 dBm
5.03906 GHz
Marker 3 [T1]
-61.92 dBm
6.17031 GHz
Ref 1.5 dBm
Att 10 dB
Offset 1.5 dB
Start 1 GHz
1.25 GHz/
Stop 13.5 GHz
RBW 1 MHz
VBW 1 kHz
SWT 32.6 s
[T1] MP VIEW
Marker 1 [T1]
-71.20 dBm
17.05493 GHz
Ref 1.5 dBm
Att 10 dB
Offset 1.5 dB
Start 13.5 GHz
1.15 GHz/
Stop 25 GHz
RBW 1 MHz
VBW 1 kHz
SWT 42.5 s
[T1] MP VIEW
Marker 1 [T1]
-76.35 dBm
39.45062 GHz
Ref 1.5 dBm
Att 0 dB
Offset 1.5 dB
Start 25 GHz
1.5 GHz/
Stop 40 GHz

Bandedge table

No.	Frequency (MHz)	Emission Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Raw Value (dBm)	Correction Factor (dB)	EIRP Level (dBm)
1	5694.32 PK	106.14	*		4.58	6.3	10.88
2	5850 PK	55.1	68.2	-13.1	-46.46	6.3	-40.16
3	5889.58 PK	59.05	68.2	-9.15	-42.51	6.3	-36.21
4	5691.55 AV	94.8	*		-6.76	6.3	-0.46
5	5850 AV	43.94	#		-57.62	6.3	-51.32
6	5855.01 AV	44.01	#		-57.55	6.3	-51.25

Note :
1. Emission Level (dBuV/m) = EIRP Level (dBm) – 20log(d) + 104.8
   d = measurement distance in 3 meters.
2. * : Fundamental frequency, the limit was restricted at the output power.
3. # : Non-restricted frequency, no limit for average emission.



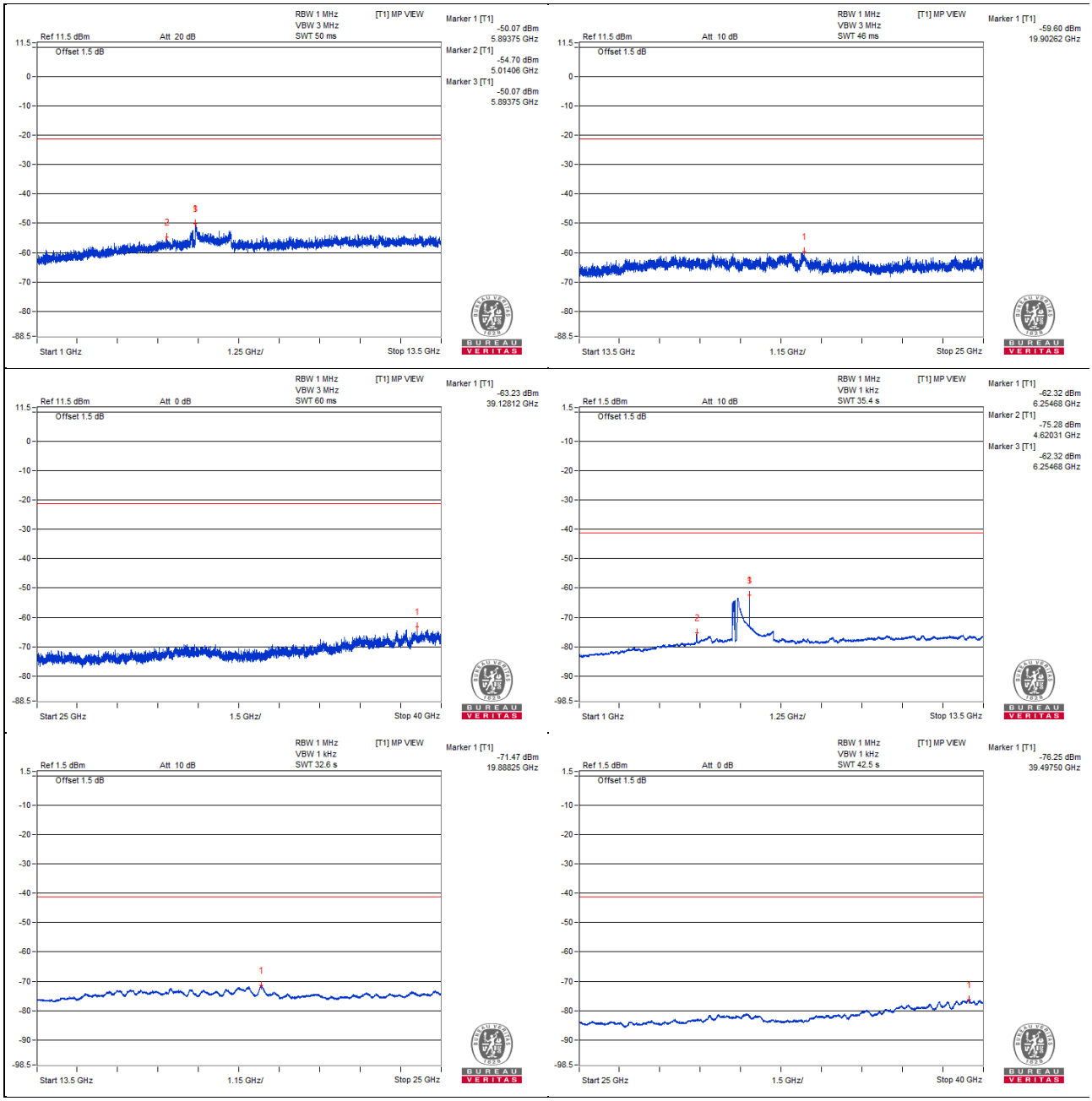
802.11ac (VHT80) – Channel 155

Conducted spurious emission table

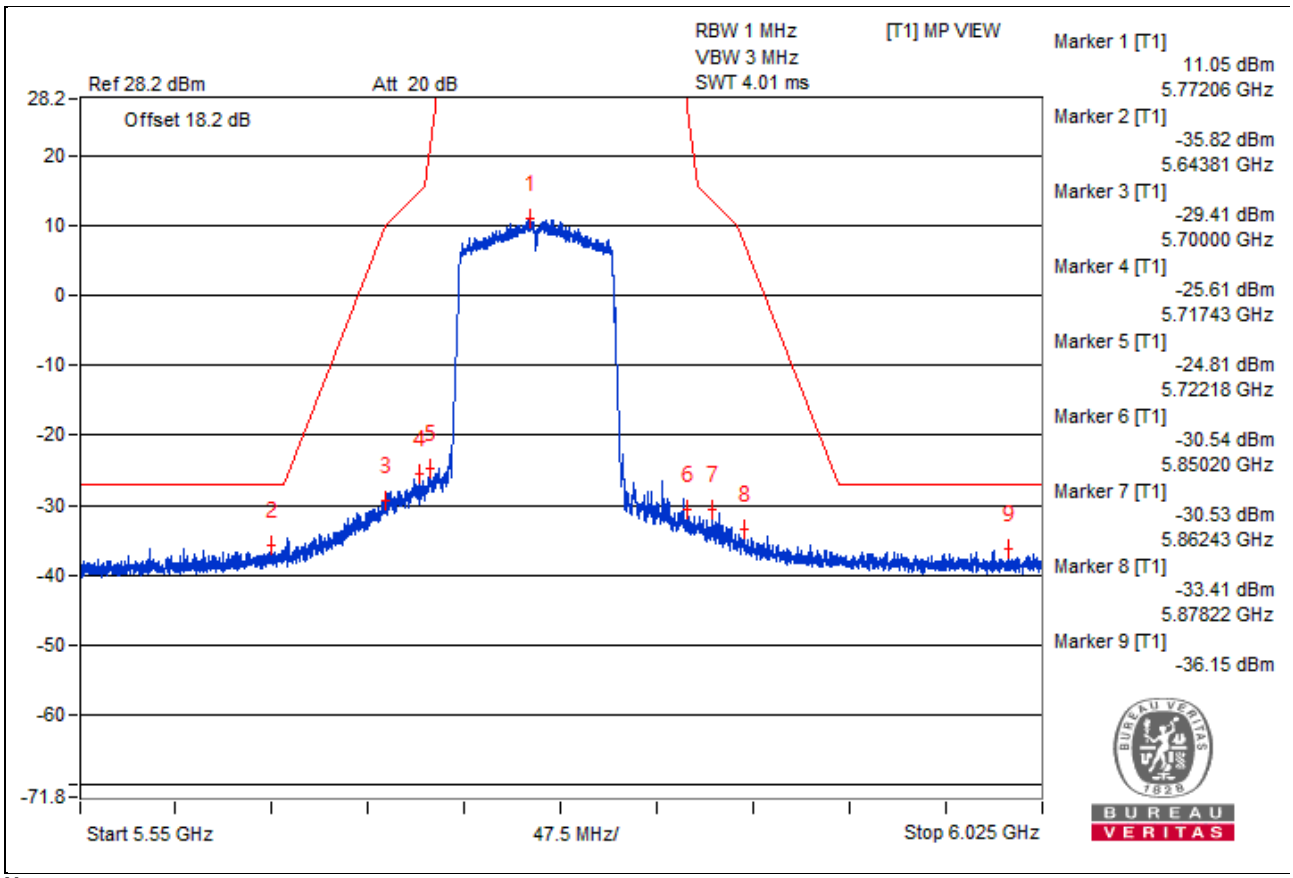
No.	Frequency (MHz)	Emission Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Raw Value (dBm)	Correction Factor (dB)	EIRP Level (dBm)
1	5893.75 PK	51.49	68.2	-16.71	-50.07	6.3	-43.77
2	5014.06 PK	46.86	74	-27.14	-54.7	6.3	-48.4
3	5893.75 PK	51.49	68.2	-16.71	-50.07	6.3	-43.77
4	19902.62 PK	41.96	74	-32.04	-59.6	6.3	-53.3
5	39128.12 PK	38.33	74	-35.67	-63.23	6.3	-56.93
6	6254.68 AV	39.24	#		-62.32	6.3	-56.02
7	4620.31 AV	26.28	54	-27.72	-75.28	6.3	-68.98
8	6254.68 AV	39.24	#		-62.32	6.3	-56.02
9	19888.25 AV	30.09	54	-23.91	-71.47	6.3	-65.17
10	39497.5 AV	25.31	54	-28.69	-76.25	6.3	-69.95

Note :

1. Emission Level (dBuV/m) = EIRP Level (dBm) – 20log(d) + 104.8
   d = measurement distance in 3 meters.
2. # : Non-restricted frequency, no limit for average emission.


RBW 1 MHz
VBW 3 MHz
SWT 50 ms
[T1] MP VIEW
Marker 1 [T1]
-50.07 dBm
5.89375 GHz
Marker 2 [T1]
-54.70 dBm
5.01406 GHz
Marker 3 [T1]
-50.07 dBm
5.89375 GHz
Ref 11.5 dBm
Att 20 dB
Offset 1.5 dB
Start 1 GHz
1.25 GHz/
Stop 13.5 GHz
RBW 1 MHz
VBW 3 MHz
SWT 46 ms
[T1] MP VIEW
Marker 1 [T1]
-59.60 dBm
19.90262 GHz
Ref 11.5 dBm
Att 10 dB
Offset 1.5 dB
Start 13.5 GHz
1.15 GHz/
Stop 25 GHz
RBW 1 MHz
VBW 3 MHz
SWT 60 ms
[T1] MP VIEW
Marker 1 [T1]
-63.23 dBm
39.12812 GHz
Ref 11.5 dBm
Att 0 dB
Offset 1.5 dB
Start 25 GHz
1.5 GHz/
Stop 40 GHz
RBW 1 MHz
VBW 1 kHz
SWT 35.4 s
[T1] MP VIEW
Marker 1 [T1]
-62.32 dBm
6.25468 GHz
Marker 2 [T1]
-75.28 dBm
4.62031 GHz
Marker 3 [T1]
-62.32 dBm
6.25468 GHz
Ref 1.5 dBm
Att 10 dB
Offset 1.5 dB
Start 1 GHz
1.25 GHz/
Stop 13.5 GHz
RBW 1 MHz
VBW 1 kHz
SWT 32.6 s
[T1] MP VIEW
Marker 1 [T1]
-71.47 dBm
19.88825 GHz
Ref 1.5 dBm
Att 10 dB
Offset 1.5 dB
Start 13.5 GHz
1.15 GHz/
Stop 25 GHz
RBW 1 MHz
VBW 1 kHz
SWT 42.5 s
[T1] MP VIEW
Marker 1 [T1]
-76.25 dBm
39.49750 GHz
Ref 1.5 dBm
Att 0 dB
Offset 1.5 dB
Start 25 GHz
1.5 GHz/
Stop 40 GHz

Bandedge table



Note:
1. The offset including attenuator (10dB), cable loss (1.9 dB) and antenna gain (6.3 dBi).
2. The test results were EIRP.

Below 1GHz Data

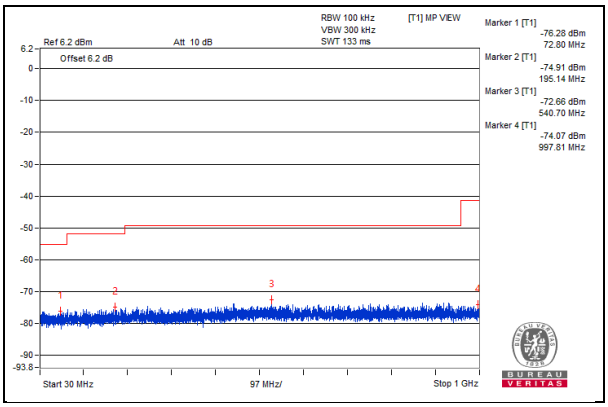
802.11a - Channel 48

Conducted spurious emission table

No.	Frequency (MHz)	Emission Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Raw Value (dBm)	Correction Factor (dB)	EIRP Level (dBm)
1	72.8	25.28	#		-76.28	6.3	-69.98
2	195.14	26.65	#		-74.91	6.3	-68.61
3	540.7	28.9	#		-72.66	6.3	-66.36
4	997.81	27.49	54	-26.51	-74.07	6.3	-67.77

Note :

1. Emission Level (dBuV/m) = EIRP Level (dBm) – 20log(d) + 104.8
   d = measurement distance in 3 meters.
2. # : Non-restricted frequency, no limit for average emission.



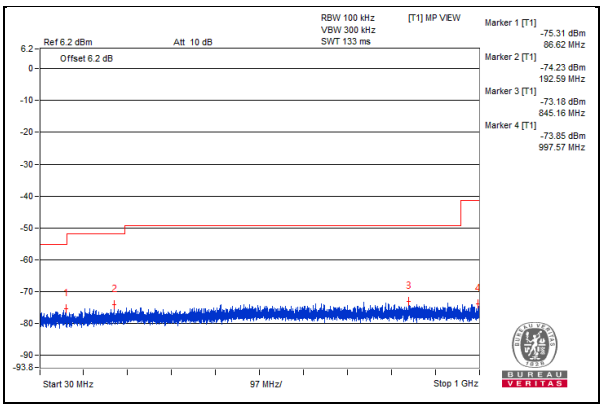
802.11a - Channel 52

Conducted spurious emission table

No.	Frequency (MHz)	Emission Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Raw Value (dBm)	Correction Factor (dB)	EIRP Level (dBm)
1	86.62	26.25	#		-75.31	6.3	-69.01
2	192.59	27.33	#		-74.23	6.3	-67.93
3	845.16	28.38	46	-17.62	-73.18	6.3	-66.88
4	997.57	27.71	54	-26.29	-73.85	6.3	-67.55

Note :

1. Emission Level (dBuV/m) = EIRP Level (dBm) – 20log(d) + 104.8
   d = measurement distance in 3 meters.
2. # : Non-restricted frequency, no limit for average emission.



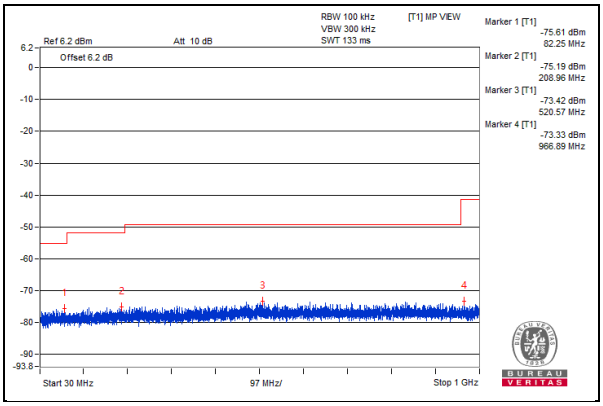
802.11a - Channel 116

Conducted spurious emission table

No.	Frequency (MHz)	Emission Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Raw Value (dBm)	Correction Factor (dB)	EIRP Level (dBm)
1	82.25	25.95	#		-75.61	6.3	-69.31
2	208.96	26.37	#		-75.19	6.3	-68.89
3	520.57	28.14	#		-73.42	6.3	-67.12
4	966.89	28.23	54	-25.77	-73.33	6.3	-67.03

Note :

1. Emission Level (dBuV/m) = EIRP Level (dBm) – 20log(d) + 104.8
   d = measurement distance in 3 meters.
2. # : Non-restricted frequency, no limit for average emission.



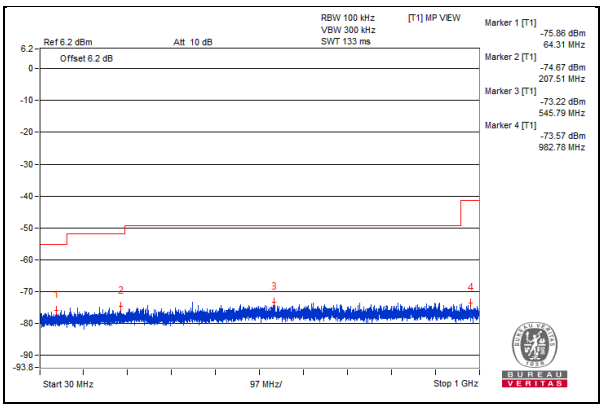
802.11a - Channel 165

Conducted spurious emission table

No.	Frequency (MHz)	Emission Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Raw Value (dBm)	Correction Factor (dB)	EIRP Level (dBm)
1	64.31	25.7	#		-75.86	6.3	-69.56
2	207.51	26.89	#		-74.67	6.3	-68.37
3	545.79	28.34	#		-73.22	6.3	-66.92
4	982.78	27.99	54	-26.01	-73.57	6.3	-67.27

Note :

1. Emission Level (dBuV/m) = EIRP Level (dBm) – 20log(d) + 104.8
   d = measurement distance in 3 meters.
2. # : Non-restricted frequency, no limit for average emission.



Note: Choose worse case from above and set RBW/VBW=120kHz/1MHz to verification.

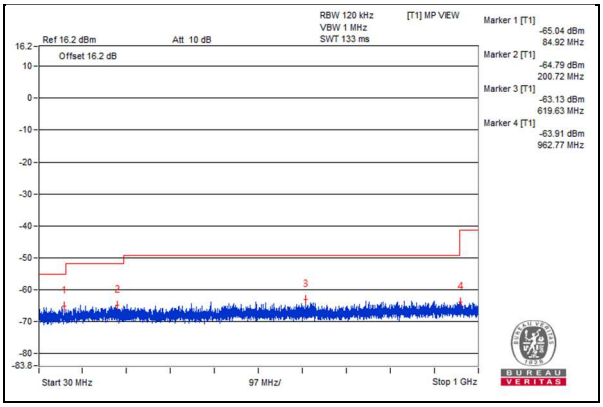
802.11a - Channel 52

Conducted spurious emission table

No.	Frequency (MHz)	Emission Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Raw Value (dBm)	Correction Factor (dB)	EIRP Level (dBm)
1	84.92	36.52	#		-65.04	6.3	-58.74
2	200.72	36.77	#		-64.79	6.3	-58.49
3	619.63	38.43	#		-63.13	6.3	-56.83
4	962.77	37.65	54	-16.35	-63.91	6.3	-57.61

Note :

1. Emission Level (dBuV/m) = EIRP Level (dBm) – 20log(d) + 104.8
   d = measurement distance in 3 meters.
2. # : Non-restricted frequency, no limit for average emission.



4.2 Conducted Emission Measurement

4.2.1 Limits of Conducted Emission Measurement

Frequency (MHz)	Conducted Limit (dBuV)	
	Quasi-peak	Average
0.15 - 0.5	66 - 56	56 - 46
0.50 - 5.0	56	46
5.0 - 30.0	60	50

Note: 1. The lower limit shall apply at the transition frequencies.
2. The limit decreases in line with the logarithm of the frequency in the range of 0.15 to 0.50MHz.

4.2.2 Test Instruments

DESCRIPTION & MANUFACTURER	MODEL NO.	SERIAL NO.	CALIBRATED DATE	CALIBRATED UNTIL
Test Receiver R&S	ESCS 30	847124/029	Oct. 23, 2019	Oct. 22, 2020
Line-Impedance Stabilization Network (for EUT) R&S	ESH3-Z5	848773/004	Oct. 23, 2019	Oct. 22, 2020
Line-Impedance Stabilization Network (for Peripheral) R&S	ESH3-Z5	835239/001	Mar. 19, 2020	Mar. 18, 2021
50 ohms Terminator	50	3	Oct. 23, 2019	Oct. 22, 2020
RF Cable	5D-FB	COCCAB-001	Sep. 27, 2019	Sep. 26, 2020
Fixed attenuator EMCI	STI02-2200-10	005	Aug. 30, 2019	Aug. 29, 2020
Software BVADT	BVADT_Cond_ V7.3.7.4	NA	NA	NA

Note:

1. The calibration interval of the above test instruments are 12 months and the calibrations are traceable to NML/ROC and NIST/USA.
2. The test was performed in Conduction 1.
3 Tested Date: Apr. 17, 2020

4.2.3 Test Procedure

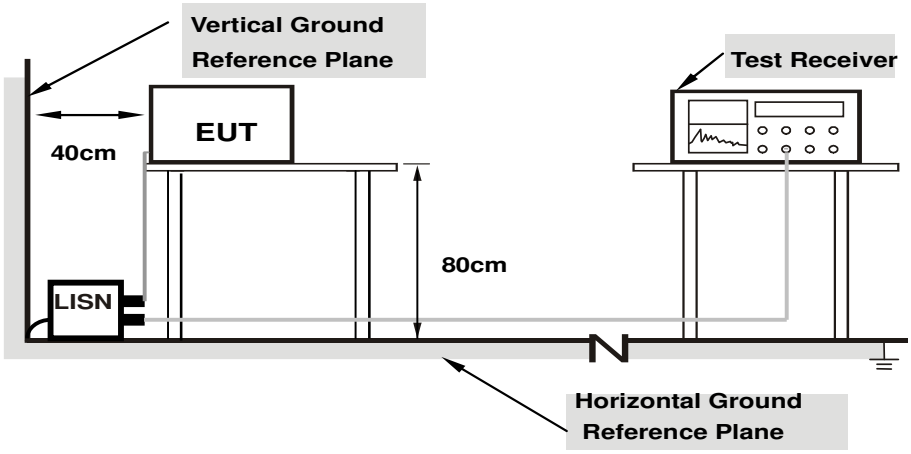
a. The EUT was placed 0.4 meters from the conducting wall of the shielded room with EUT being connected to the power mains through a line impedance stabilization network (LISN). Other support units were connected to the power mains through another LISN. The two LISNs provide 50 ohm/ 50uH of coupling impedance for the measuring instrument.
b. Both lines of the power mains connected to the EUT were checked for maximum conducted interference.
c. The frequency range from 150kHz to 30MHz was searched. Emission levels under (Limit - 20dB) was not recorded.

Note: All modes of operation were investigated and the worst-case emissions are reported.

4.2.4 Deviation from Test Standard

No deviation.

4.2.5 Test Setup



Note: 1.Support units were connected to second LISN.

For the actual test configuration, please refer to the attached file (Test Setup Photo).

4.2.6 EUT Operating Condition

Same as 4.1.6.

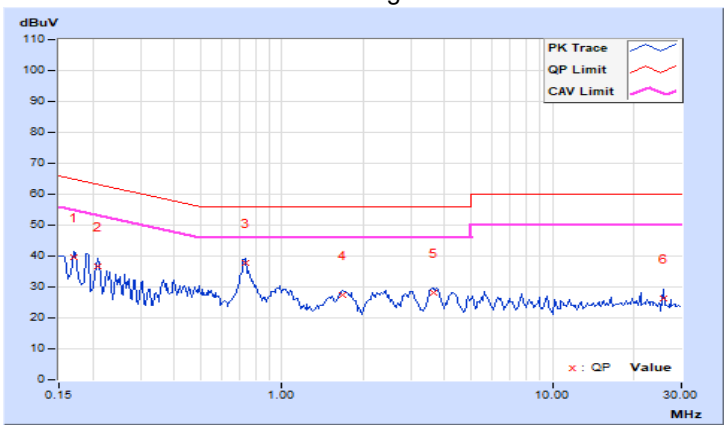
4.2.7 Test Results

Phase	Line (L)	Detector Function	Quasi-Peak (QP) / Average (AV)

Phase Of Power : Line (L)										
No	Frequency (MHz)	Correction Factor (dB)	Reading Value (dBuV)		Emission Level (dBuV)		Limit (dBuV)		Margin (dB)	
			Q.P.	AV.	Q.P.	AV.	Q.P.	AV.	Q.P.	AV.
1	0.16953	9.99	29.65	22.71	39.64	32.70	64.98	54.98	-25.34	-22.28
2	0.20859	9.99	26.79	21.03	36.78	31.02	63.26	53.26	-26.48	-22.24
3	0.73594	10.03	27.76	24.42	37.79	34.45	56.00	46.00	-18.21	-11.55
4	1.67188	10.10	17.41	11.24	27.51	21.34	56.00	46.00	-28.49	-24.66
5	3.62500	10.23	17.75	13.84	27.98	24.07	56.00	46.00	-28.02	-21.93
6	25.87109	11.58	14.86	14.03	26.44	25.61	60.00	50.00	-33.56	-24.39

Remarks:

1. Q.P. and AV. are abbreviations of quasi-peak and average individually.
2. The emission levels of other frequencies were very low against the limit.
3. Margin value = Emission level – Limit value
4. Correction factor = Insertion loss + Cable loss
5. Emission Level = Correction Factor + Reading Value

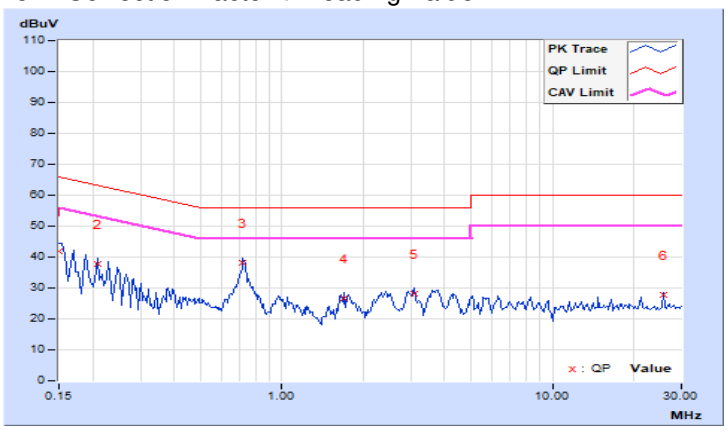


Phase	Neutral (N)	Detector Function	Quasi-Peak (QP) / Average (AV)

Phase Of Power : Neutral (N)										
No	Frequency (MHz)	Correction Factor (dB)	Reading Value (dBuV)		Emission Level (dBuV)		Limit (dBuV)		Margin (dB)	
			Q.P.	AV.	Q.P.	AV.	Q.P.	AV.	Q.P.	AV.
1	0.15000	9.99	31.83	23.50	41.82	33.49	66.00	56.00	-24.18	-22.51
2	0.20859	9.99	27.97	21.97	37.96	31.96	63.26	53.26	-25.30	-21.30
3	**0.72031**	**10.03**	**28.02**	**24.86**	**38.05**	**34.89**	**56.00**	**46.00**	**-17.95**	**-11.11**
4	1.70703	10.10	16.48	14.24	26.58	24.34	56.00	46.00	-29.42	-21.66
5	3.07422	10.17	18.14	13.86	28.31	24.03	56.00	46.00	-27.69	-21.97
6	25.87109	11.25	16.45	15.93	27.70	27.18	60.00	50.00	-32.30	-22.82

Remarks:

1. Q.P. and AV. are abbreviations of quasi-peak and average individually.
2. The emission levels of other frequencies were very low against the limit.
3. Margin value = Emission level – Limit value
4. Correction factor = Insertion loss + Cable loss
5. Emission Level = Correction Factor + Reading Value



4.3 Transmit Power Measurement

4.3.1 Limits of Transmit Power Measurement

Operation Band	EUT Category		Limit
U-NII-1		Outdoor Access Point	1 Watt (30 dBm) (Max. e.i.r.p ≦ 125mW(21 dBm) at any elevation angle above 30 degrees as measured from the horizon)
		Fixed point-to-point Access Point	1 Watt (30 dBm)
		Indoor Access Point	1 Watt (30 dBm)
	√	Client device	250mW (24 dBm)
U-NII-2A	√		250mW (24 dBm) or 11 dBm+10 log B*
U-NII-2C	√		250mW (24 dBm) or 11 dBm+10 log B*
U-NII-3	√		1 Watt (30 dBm)

*B is the 26 dB emission bandwidth in megahertz

Per KDB 662911 Method of conducted output power measurement on IEEE 802.11 devices,

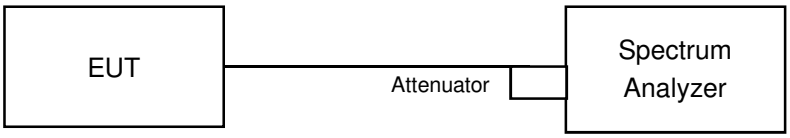
Array Gain = 0 dB (i.e., no array gain) for $N_{ANT} \leq 4$;
Array Gain = 0 dB (i.e., no array gain) for channel widths ≥ 40 MHz for any N_{ANT};
Array Gain = 5 log(N_{ANT}/N_{SS}) dB or 3 dB, whichever is less for 20-MHz channel widths with $N_{ANT} \geq 5$.

For power measurements on all other devices: Array Gain = 10 log(N_{ANT}/N_{SS}) dB.

4.3.2 Test Setup

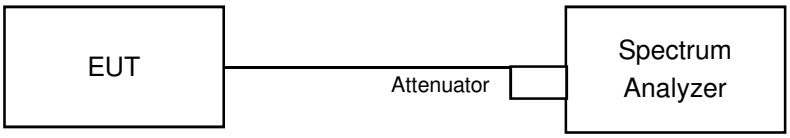
FOR POWER OUTPUT MEASUREMENT

For channel straddling 5725MHz:



For other channels:

FOR 26dB OCCUPIED BANDWIDTH



4.3.3 Test Instruments

Refer to section 4.1.2 to get information of above instrument.

4.3.4 Test Procedure

FOR POWER OUTPUT MEASUREMENT

For channel straddling 5725MHz:

Follow FCC KDB 789033 UNII test procedure:
Method SA-1

1. Set span to encompass the entire emission bandwidth (EBW) of the signal.
2. Set RBW =1MHz.
3. Set the VBW ≥ 3 x RBW.
4. Number of points in sweep ≥ 2 Span / RBW.
5. Sweep time = auto.
6. Set trigger to free run (duty cycle ≥ 98 percent)
7. Detector = RMS.
8. Trace average at least 100 traces in power averaging mode
9. Compute power by integrating the spectrum across the 26 dB EBW of the signal. In order to obtain results more easily, change max hold to view. It has no effect on the result

For other channels:

Method PM is used to perform output power measurement, trigger and gating function of wide band power meter is enabled to measure max output power of TX on burst. Duty factor is not added to measured value.

FOR 26dB OCCUPIED BANDWIDTH

1. Set RBW = approximately 1% of the emission bandwidth.
2. Set the VBW > RBW.
3. Detector = Peak.
4. Trace mode = max hold.
10. Measure the maximum width of the emission that is 26 dB down from the peak of the emission. Compare this with the RBW setting of the analyzer. Readjust RBW and repeat measurement as needed until the RBW/EBW ratio is approximately 1%. In order to obtain results more easily, change max hold to view. It has no effect on the result

4.3.5 Deviation from Test Standard

No deviation.

4.3.6 EUT Operating Condition

The software provided by client to enable the EUT under transmission condition continuously at lowest, middle and highest channel frequencies individually.

4.3.7 Test Results (Mode 1)

POWER OUTPUT

802.11ac (VHT20)

Chan.	Chan. Freq. (MHz)	Average Power (dBm)		Total Power (mW)	Total Power (dBm)	Limit (dBm)	Pass / Fail
		Chain 0	Chain 1				
36	5180	14.87	14.46	58.616	17.68	24.00	Pass
40	5200	14.90	14.51	59.152	17.72	24.00	Pass
48	5240	14.99	14.04	56.901	17.55	24.00	Pass
52	5260	14.85	13.96	55.438	17.44	24.00	Pass
60	5300	14.53	14.05	53.789	17.31	24.00	Pass
64	5320	14.49	14.08	53.705	17.30	24.00	Pass
100	5500	14.34	14.11	52.928	17.24	23.38	Pass
116	5580	14.48	14.35	55.281	17.43	23.38	Pass
140	5700	12.16	12.37	33.702	15.28	23.38	Pass
*144 (U-NII-2C Band)	5720	13.17	12.55	38.738	15.88	22.20	Pass
*144 (U-NII-3 Band)	5720	6.35	5.79	8.108	9.09	29.25	Pass
149	5745	14.41	15.05	59.595	17.75	29.25	Pass
157	5785	14.53	15.08	60.59	17.82	29.25	Pass
165	5825	14.47	14.93	59.107	17.72	29.25	Pass

Note: * Test was performed in accordance with Measurement follow FCC KDB 789033 UNII test procedure Method SA-1 and use spectrum analyzer test.

1. For U-NII-1: The directional gain = 10 log[($10^{G0/10}$ + $10^{G1/10}$) / 2] = 5.07 dBi < 6 dBi, so the power limit shall not be reduced.
2. For U-NII-2A: The directional gain = 10 log[($10^{G0/10}$ + $10^{G1/10}$) / 2] = 5.69 dBi < 6 dBi, so the power limit shall not be reduced.
3. For U-NII-2C: The directional gain = 10 log[($10^{G0/10}$ + $10^{G1/10}$) / 2] = 6.62 dBi > 6 dBi, therefore the limit needs to reduce, so the power limit shall be reduced to “Determined Conducted Limit-(6.62-6)”.
4. For U-NII-3: The directional gain = 10 log[($10^{G0/10}$ + $10^{G1/10}$) / 2] = 6.75 dBi > 6 dBi, so the power limit shall be reduced to 30-(6.75-6) = 29.25 dBm.

The Total Power for the straddle channel and power meter value for reference only:

Chan.	Chan. Freq. (MHz)	Total Power (mW)	Total Power (dBm)	Average Power (dBm)		Total Average Power (mW)	Total Average Power (dBm)
				Chain 0	Chain 1		
144	5720	46.846	16.71	14.08	14.34	52.75	17.22

Note: For U-NII-2A, U-NII-2C Band output power limitation is determined based on 26dBc bandwidth

Power Limit = 11dBm + 10logB < U-NII-2A, U-NII-2C >			
Channel Number	Freq.(MHz)	Min. B(MHz)	Determined Conducted Limit (dBm)
52	5260	20.45	24.1 > 24
60	5300	20.44	24.1 > 24
64	5320	20.46	24.1 > 24
100	5500	20.5	24.11 > 24
116	5580	20.51	24.11 > 24
140	5700	20.49	24.11 > 24
144 (U-NII-2C Band)	5720	15.22	22.82 < 24

802.11ac (VHT40)

Chan.	Chan. Freq. (MHz)	Average Power (dBm)		Total Power (mW)	Total Power (dBm)	Limit (dBm)	Pass / Fail
		Chain 0	Chain 1				
38	5190	13.35	13.27	42.86	16.32	24.00	Pass
46	5230	14.91	14.25	57.581	17.60	24.00	Pass
54	5270	14.94	14.12	57.011	17.56	24.00	Pass
62	5310	13.55	13.26	43.83	16.42	24.00	Pass
102	5510	11.98	11.87	31.158	14.94	23.38	Pass
110	5550	14.44	14.53	56.176	17.50	23.38	Pass
134	5670	13.62	13.59	45.87	16.62	23.38	Pass
*142 (U-NII-2C Band)	5710	13.04	13.58	42.941	16.33	23.38	Pass
*142 (U-NII-3 Band)	5710	1.29	1.87	2.884	4.60	29.25	Pass
151	5755	14.04	14.93	56.468	17.52	29.25	Pass
159	5795	14.19	14.92	57.288	17.58	29.25	Pass

Note: * Test was performed in accordance with Measurement follow FCC KDB 789033 UNII test procedure Method SA-1 and use spectrum analyzer test.

1. For U-NII-1: The directional gain = 10 log[($10^{G0/10}$ + $10^{G1/10}$) / 2] = 5.07 dBi < 6 dBi, so the power limit shall not be reduced.
2. For U-NII-2A: The directional gain = 10 log[($10^{G0/10}$ + $10^{G1/10}$) / 2] = 5.69 dBi < 6 dBi, so the power limit shall not be reduced.
3. For U-NII-2C: The directional gain = 10 log[($10^{G0/10}$ + $10^{G1/10}$) / 2] = 6.62 dBi > 6 dBi, therefore the limit needs to reduce, so the power limit shall be reduced to “Determined Conducted Limit-(6.62-6)”.
4. For U-NII-3: The directional gain = 10 log[($10^{G0/10}$ + $10^{G1/10}$) / 2] = 6.75 dBi > 6 dBi, so the power limit shall be reduced to 30-(6.75-6) = 29.25 dBm.

The Total Power for the straddle channel and power meter value for reference only:

Chan.	Chan. Freq. (MHz)	Total Power (mW)	Total Power (dBm)	Average Power (dBm)		Total Average Power (mW)	Total Average Power (dBm)
				Chain 0	Chain 1		
142	5710	45.825	16.61	14.03	14.44	53.09	17.25

Note: For U-NII-2A, U-NII-2C Band output power limitation is determined based on 26dBc bandwidth

Power Limit = 11dBm + 10logB < U-NII-2A, U-NII-2C >			
Channel Number	Freq.(MHz)	Min. B(MHz)	Determined Conducted Limit (dBm)
54	5270	41.79	27.21 > 24
62	5310	41.96	27.22 > 24
102	5510	42	27.23 > 24
110	5550	41.84	27.21 > 24
134	5670	41.7	27.2 > 24
142 (U-NII-2C Band)	5710	35.79	26.53 > 24

802.11ac (VHT80)

Chan.	Chan. Freq. (MHz)	Average Power (dBm)		Total Power (mW)	Total Power (dBm)	Limit (dBm)	Pass / Fail
		Chain 0	Chain 1				
42	5210	7.74	7.31	11.326	10.54	24.00	Pass
58	5290	8.93	8.04	14.184	11.52	24.00	Pass
106	5530	9.51	9.18	17.212	12.36	23.38	Pass
122	5610	14.56	14.24	55.122	17.41	23.38	Pass
*138 (U-NII-2C Band)	5690	13.48	13.20	43.177	16.35	23.38	Pass
*138 (U-NII-3 Band)	5690	-0.70	-0.98	1.6491	2.17	29.25	Pass
155	5775	14.08	14.57	54.228	17.34	29.25	Pass

Note: * Test was performed in accordance with Measurement follow FCC KDB 789033 UNII test procedure Method SA-1 and use spectrum analyzer test.

1. For U-NII-1: The directional gain = 10 log[($10^{G0/10}$ + $10^{G1/10}$) / 2] = 5.07 dBi < 6 dBi, so the power limit shall not be reduced.
2. For U-NII-2A: The directional gain = 10 log[($10^{G0/10}$ + $10^{G1/10}$) / 2] = 5.69 dBi < 6 dBi, so the power limit shall not be reduced.
3. For U-NII-2C: The directional gain = 10 log[($10^{G0/10}$ + $10^{G1/10}$) / 2] = 6.62 dBi > 6 dBi, therefore the limit needs to reduce, so the power limit shall be reduced to “Determined Conducted Limit-(6.62-6)”.
4. For U-NII-3: The directional gain = 10 log[($10^{G0/10}$ + $10^{G1/10}$) / 2] = 6.75 dBi > 6 dBi, so the power limit shall be reduced to 30-(6.75-6) = 29.25 dBm.

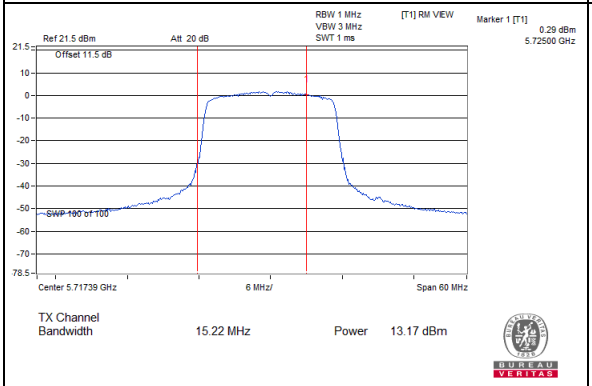
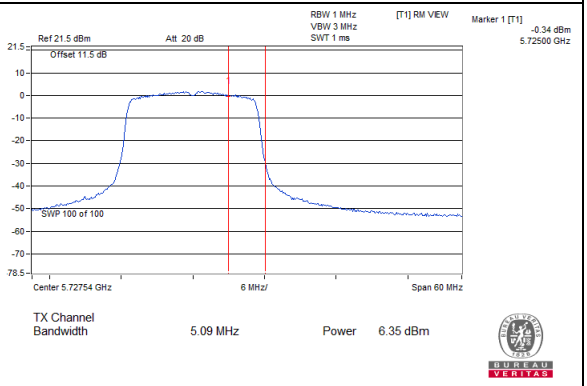
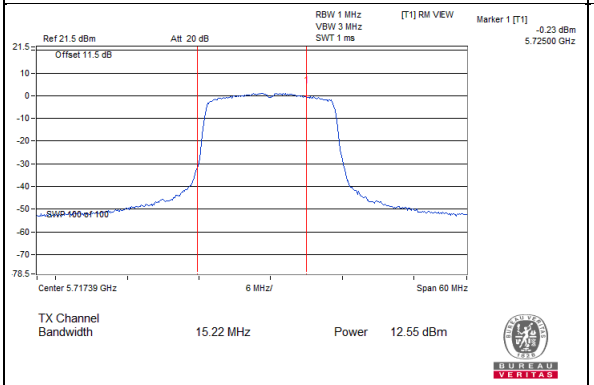
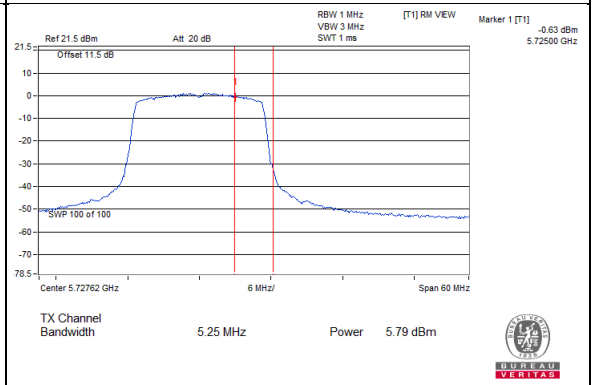
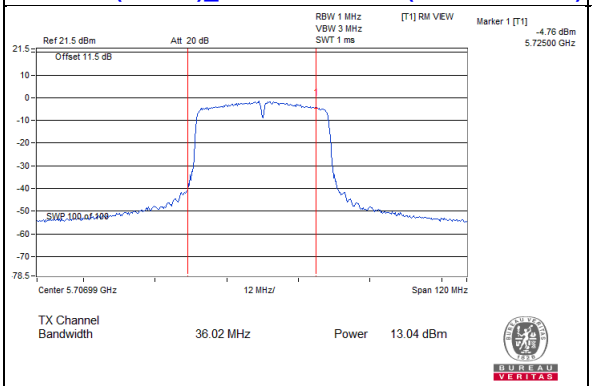
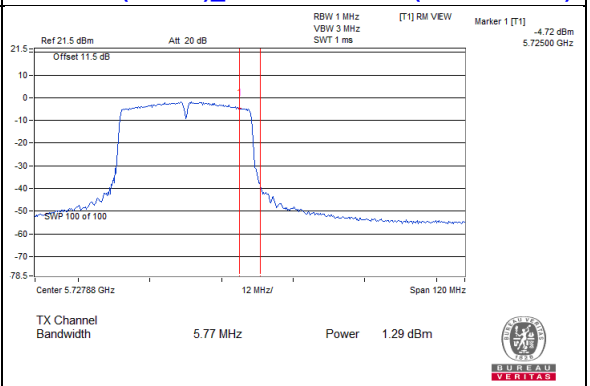
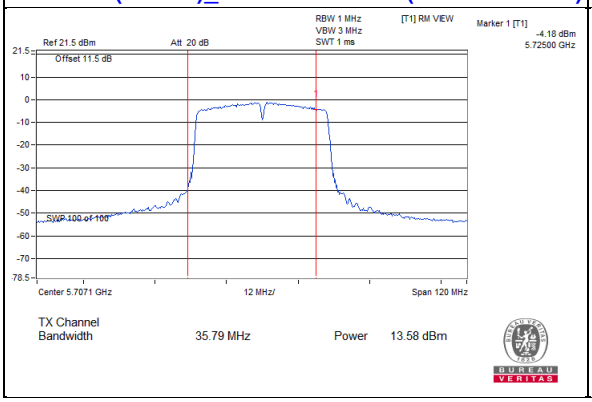
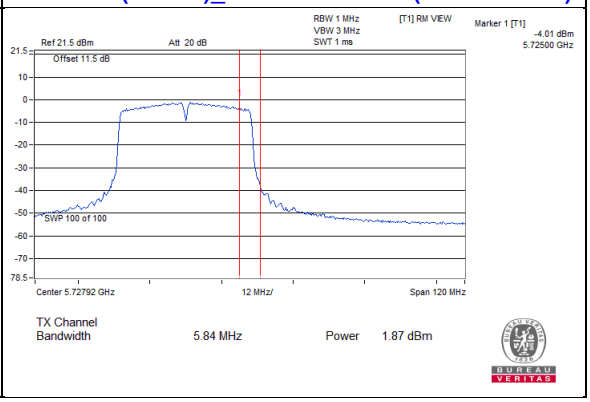
The Total Power for the straddle channel and power meter value for reference only:

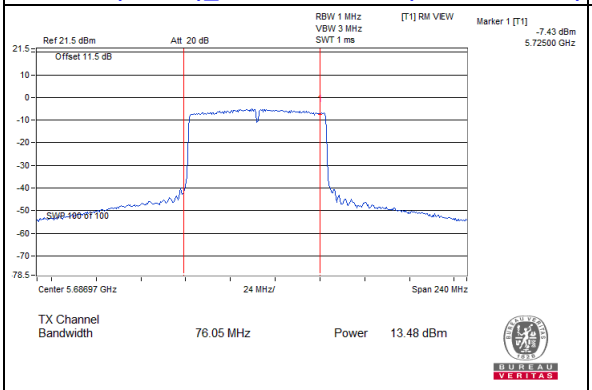
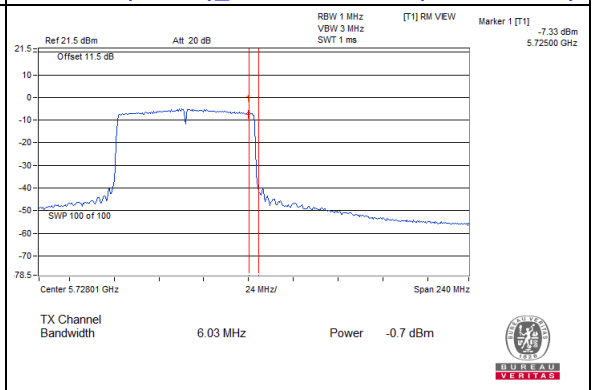
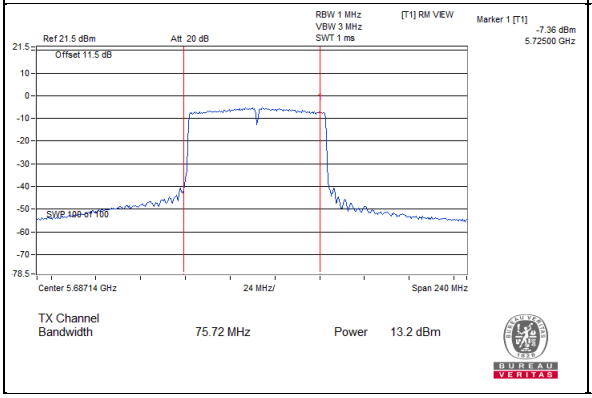
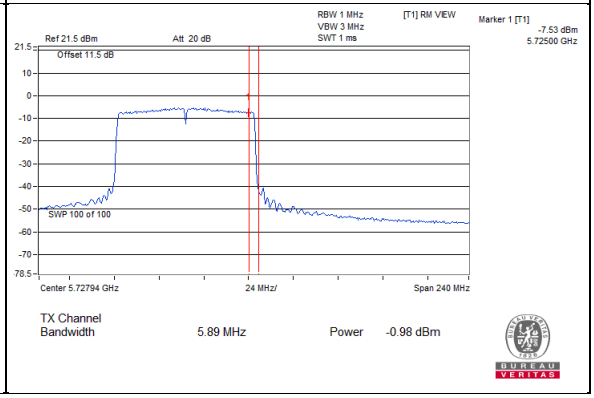
Chan.	Chan. Freq. (MHz)	Total Power (mW)	Total Power (dBm)	Average Power (dBm)		Total Average Power (mW)	Total Average Power (dBm)
				Chain 0	Chain 1		
138	5690	44.8261	16.52	14.31	14.22	53.401	17.28

Note: For U-NII-2A, U-NII-2C Band output power limitation is determined based on 26dBc bandwidth

Power Limit = 11dBm + 10logB < U-NII-2A, U-NII-2C >			
Channel Number	Freq.(MHz)	Min. B(MHz)	Determined Conducted Limit (dBm)
58	5290	81.84	30.12 > 24
106	5530	81.93	30.13 > 24
122	5610	81.74	30.12 > 24
138 (U-NII-2C Band)	5690	75.72	29.79 > 24

For channel straddling 5725MHz of Power

Spectrum Plot Value of Power	
802.11ac (VHT20)_Chain 0 / CH144 (U-NII-2C Band)	**802.11ac (VHT20)_Chain 0 / CH144 (U-NII-3 Band)**
 TX Channel Bandwidth 15.22 MHz Power 13.17 dBm	 TX Channel Bandwidth 5.09 MHz Power 6.35 dBm
802.11ac (VHT20)_Chain 1 / CH144 (U-NII-2C Band)	**802.11ac (VHT20)_Chain 1 / CH144 (U-NII-3 Band)**
 TX Channel Bandwidth 15.22 MHz Power 12.55 dBm	 TX Channel Bandwidth 5.25 MHz Power 5.79 dBm
802.11ac (VHT40)_Chain 0 / CH142 (U-NII-2C Band)	**802.11ac (VHT40)_Chain 0 / CH142 (U-NII-3 Band)**
 TX Channel Bandwidth 36.02 MHz Power 13.04 dBm	 TX Channel Bandwidth 5.77 MHz Power 1.29 dBm
802.11ac (VHT40)_Chain 1 / CH142 (U-NII-2C Band)	**802.11ac (VHT40)_Chain 1 / CH142 (U-NII-3 Band)**
 TX Channel Bandwidth 35.79 MHz Power 13.58 dBm	 TX Channel Bandwidth 5.84 MHz Power 1.87 dBm

Spectrum Plot Value of Power	
802.11ac (VHT80)_Chain 0 / CH138 (U-NII-2C Band)	**802.11ac (VHT80)_Chain 0 / CH138 (U-NII-3 Band)**
	
802.11ac (VHT80)_Chain 1 / CH138 (U-NII-2C Band)	**802.11ac (VHT80)_Chain 1 / CH138 (U-NII-3 Band)**
	

26dB OCCUPIED BANDWIDTH

802.11ac (VHT20)

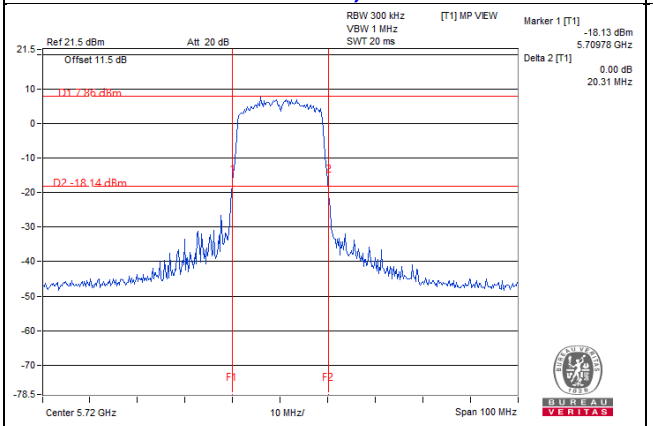
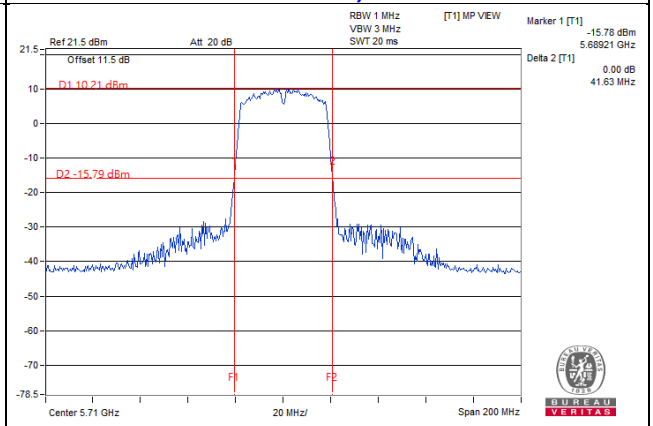
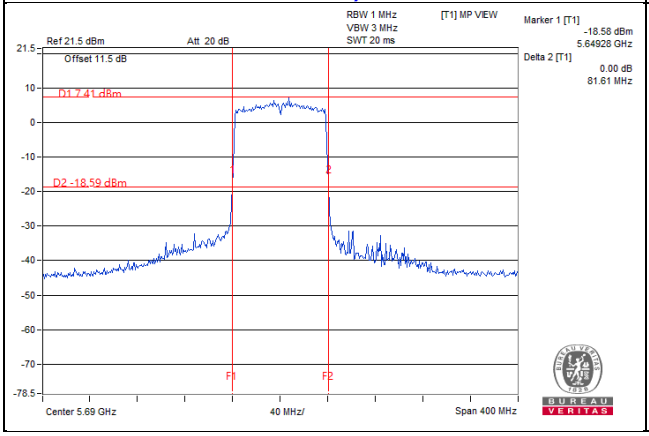
Channel	Frequency (MHz)	26dB Bandwidth (MHz)	
		Chain 0	Chain 1
52	5260	20.52	20.45
60	5300	20.45	20.44
64	5320	20.51	20.46
100	5500	20.57	20.5
116	5580	20.51	20.51
140	5700	20.49	20.61
144 (U-NII-2C Band)	5720	15.22	15.22

802.11ac (VHT40)

Channel	Frequency (MHz)	26dB Bandwidth (MHz)	
		Chain 0	Chain 1
54	5270	41.85	41.79
62	5310	42.05	41.96
102	5510	42.13	42
110	5550	41.84	41.9
134	5670	41.7	41.91
142 (U-NII-2C Band)	5710	36.02	35.79

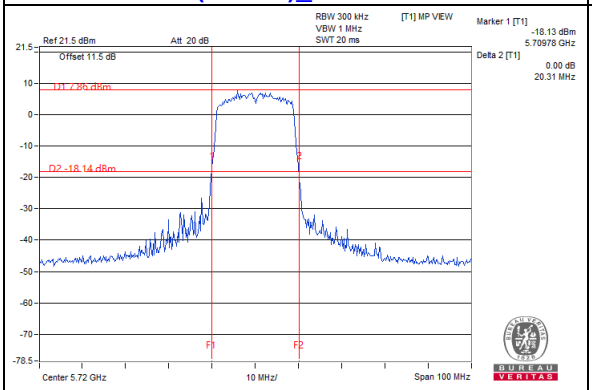
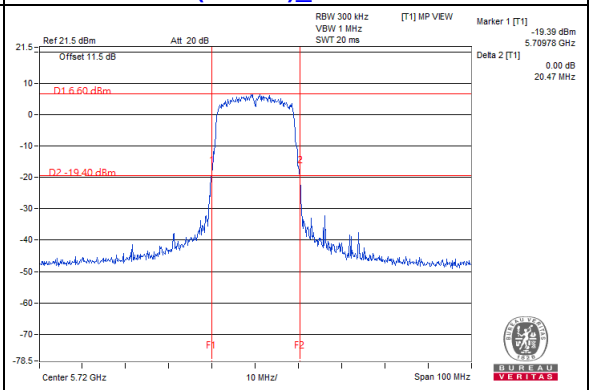
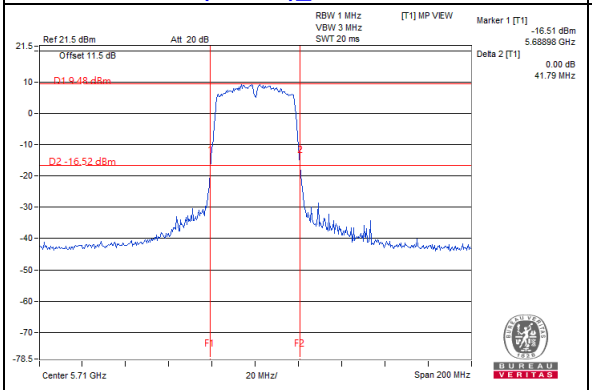
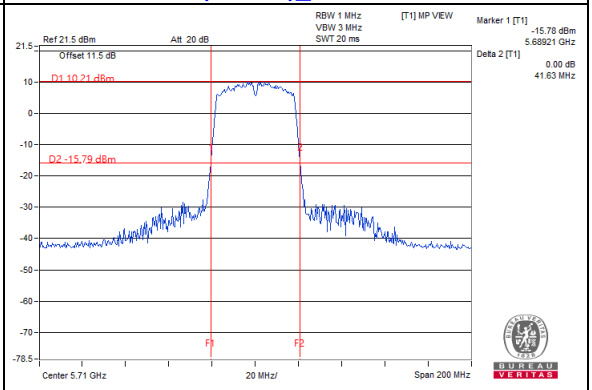
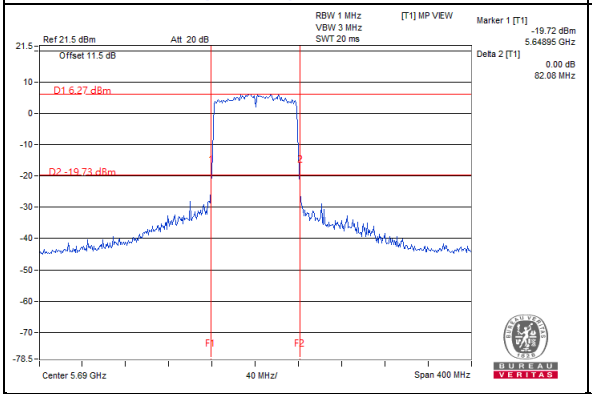
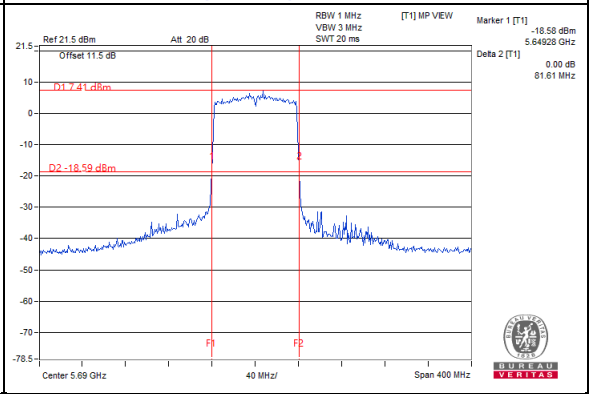
802.11ac (VHT80)

Channel	Frequency (MHz)	26dB Bandwidth (MHz)	
		Chain 0	Chain 1
58	5290	81.84	81.91
106	5530	82.26	81.93
122	5610	81.74	81.93
138 (U-NII-2C Band)	5690	76.05	75.72

Spectrum Plot of Worst Value	
802.11ac (VHT20)_Chain 0 / CH144 (U-NII-2C Band)	**802.11ac (VHT40)_Chain 1 / CH142 (U-NII-2C Band)**
	
802.11ac (VHT80)_Chain 1 / CH138 (U-NII-2C Band)	
	

Note: For CH144 (U-NII-2C) = 5725MHz - Marker 1

For channel straddling 5725MHz of 26dB BW

Spectrum Plot Value of 26dB BW	
802.11ac (VHT20)_Chain 0 / CH144	**802.11ac (VHT20)_Chain 1 / CH144**
	
802.11ac (VHT40)_Chain 0 / CH142	**802.11ac (VHT40)_Chain 1 / CH142**
	
802.11ac (VHT80)_Chain 0 / CH138	**802.11ac (VHT80)_Chain 1 / CH138**
	

Note:

For CH144 (U-NII-2C) = 5725MHz - Marker 1
For CH142 (U-NII-2C) = 5725MHz - Marker 1
For CH138 (U-NII-2C) = 5725MHz - Marker 1

4.3.8 Test Results (Mode 2)

POWER OUTPUT

802.11a

Chan.	Chan. Freq. (MHz)	Total Power (mW)	Total Power (dBm)	Limit (dBm)	Pass / Fail
36	5180	48.195	16.83	24.00	Pass
40	5200	47.534	16.77	24.00	Pass
48	5240	50.003	16.99	24.00	Pass
52	5260	51.168	17.09	24.00	Pass
60	5300	42.462	16.28	24.00	Pass
64	5320	46.238	16.65	24.00	Pass
100	5500	44.875	16.52	24.00	Pass
116	5580	46.452	16.67	24.00	Pass
140	5700	34.754	15.41	24.00	Pass
*144 (U-NII-2C Band)	5720	33.651	15.27	22.89	Pass
*144 (U-NII-3 Band)	5720	5.888	7.70	29.70	Pass
149	5745	40.551	16.08	29.70	Pass
157	5785	41.21	16.15	29.70	Pass
165	5825	42.267	16.26	29.70	Pass

Note: * Test was performed in accordance with Measurement follow FCC KDB 789033 UNII test procedure Method SA-1 and use spectrum analyzer test.

1. For U-NII-3: The max. gain = 6.3 dBi > 6 dBi, so the power limit shall be reduced to 30-(6.6.3-6) = 29.7 dBm.

The Total Power for the straddle channel and power meter value for reference only:

Chan.	Chan. Freq. (MHz)	Total Power (mW)	Total Power (dBm)	Average Power (mW)	Average Power (dBm)
144	5720	39.539	15.97	44.361	16.47

Note: For U-NII-2A, U-NII-2C Band output power limitation is determined based on 26dBc bandwidth

Power Limit = 11dBm + 10logB < U-NII-2A, U-NII-2C >			
Channel Number	Freq.(MHz)	Min. B(MHz)	Determined Conducted Limit (dBm)
52	5260	20.76	24.17 > 24
60	5300	20.71	24.16 > 24
64	5320	20.66	24.15 > 24
100	5500	20.72	24.16 > 24
116	5580	20.83	24.18 > 24
140	5700	20.61	24.14 > 24
144 (U-NII-2C Band)	5720	15.47	22.89 < 24

802.11ac (VHT20)

Chan.	Chan. Freq. (MHz)	Total Power (mW)	Total Power (dBm)	Limit (dBm)	Pass / Fail
36	5180	30.69	14.87	24.00	Pass
40	5200	30.903	14.90	24.00	Pass
48	5240	31.55	14.99	24.00	Pass
52	5260	30.549	14.85	24.00	Pass
60	5300	28.379	14.53	24.00	Pass
64	5320	28.119	14.49	24.00	Pass
100	5500	27.164	14.34	24.00	Pass
116	5580	28.054	14.48	24.00	Pass
140	5700	26.062	14.16	24.00	Pass
*144 (U-NII-2C Band)	5720	18.923	12.77	22.88	Pass
*144 (U-NII-3 Band)	5720	3.639	5.61	29.70	Pass
149	5745	27.606	14.41	29.70	Pass
157	5785	28.379	14.53	29.70	Pass
165	5825	27.99	14.47	29.70	Pass

Note: * Test was performed in accordance with Measurement follow FCC KDB 789033 UNII test procedure Method SA-1 and use spectrum analyzer test.

1. For U-NII-3: The max. gain = 6.3 dBi > 6 dBi, so the power limit shall be reduced to 30-(6.6.3-6) = 29.7 dBm.

The Total Power for the straddle channel and power meter value for reference only:

Chan.	Chan. Freq. (MHz)	Total Power (mW)	Total Power (dBm)	Average Power (mW)	Average Power (dBm)
144	5720	22.562	13.53	25.586	14.08

Note: For U-NII-2A, U-NII-2C Band output power limitation is determined based on 26dBc bandwidth

Power Limit = 11dBm + 10logB < U-NII-2A, U-NII-2C >			
Channel Number	Freq.(MHz)	Min. B(MHz)	Determined Conducted Limit (dBm)
52	5260	20.85	24.19 > 24
60	5300	20.82	24.18 > 24
64	5320	20.79	24.17 > 24
100	5500	20.69	24.15 > 24
116	5580	20.89	24.19 > 24
140	5700	20.73	24.16 > 24
144 (U-NII-2C Band)	5720	15.44	22.88 < 24

802.11ac (VHT40)

Chan.	Chan. Freq. (MHz)	Total Power (mW)	Total Power (dBm)	Limit (dBm)	Pass / Fail
38	5190	27.227	14.35	24.00	Pass
46	5230	30.974	14.91	24.00	Pass
54	5270	31.189	14.94	24.00	Pass
62	5310	28.51	14.55	24.00	Pass
102	5510	28.054	14.48	24.00	Pass
110	5550	27.797	14.44	24.00	Pass
134	5670	28.973	14.62	24.00	Pass
*142 (U-NII-2C Band)	5710	23.605	13.73	24.00	Pass
*142 (U-NII-3 Band)	5710	1.439	1.58	29.70	Pass
151	5755	25.351	14.04	29.70	Pass
159	5795	26.242	14.19	29.70	Pass

Note: * Test was performed in accordance with Measurement follow FCC KDB 789033 UNII test procedure Method SA-1 and use spectrum analyzer test.

1. For U-NII-3: The max. gain = 6.3 dBi > 6 dBi, so the power limit shall be reduced to 30-(6.6.3-6) = 29.7 dBm.

The Total Power for the straddle channel and power meter value for reference only:

Chan.	Chan. Freq. (MHz)	Total Power (mW)	Total Power (dBm)	Average Power (mW)	Average Power (dBm)
142	5710	25.044	13.99	25.293	14.03

Note: For U-NII-2A, U-NII-2C Band output power limitation is determined based on 26dBc bandwidth

Power Limit = 11dBm + 10logB < U-NII-2A, U-NII-2C >			
Channel Number	Freq.(MHz)	Min. B(MHz)	Determined Conducted Limit (dBm)
54	5270	42.12	27.24 > 24
62	5310	42.01	27.23 > 24
102	5510	41.93	27.22 > 24
110	5550	41.84	27.21 > 24
134	5670	41.99	27.23 > 24
142 (U-NII-2C Band)	5710	36.14	26.57 > 24

802.11ac (VHT80)

Chan.	Chan. Freq. (MHz)	Total Power (mW)	Total Power (dBm)	Limit (dBm)	Pass / Fail
42	5210	29.785	14.74	24.00	Pass
58	5290	31.117	14.93	24.00	Pass
106	5530	28.249	14.51	24.00	Pass
122	5610	28.576	14.56	24.00	Pass
*138 (U-NII-2C Band)	5690	23.605	13.73	24.00	Pass
*138 (U-NII-3 Band)	5690	0.7278	-1.38	29.70	Pass
155	5775	25.586	14.08	29.70	Pass

Note: * Test was performed in accordance with Measurement follow FCC KDB 789033 UNII test procedure Method SA-1 and use spectrum analyzer test.
1. For U-NII-3: The max. gain = 6.3 dBi > 6 dBi, so the power limit shall be reduced to 30-(6.6.3-6) = 29.7 dBm.

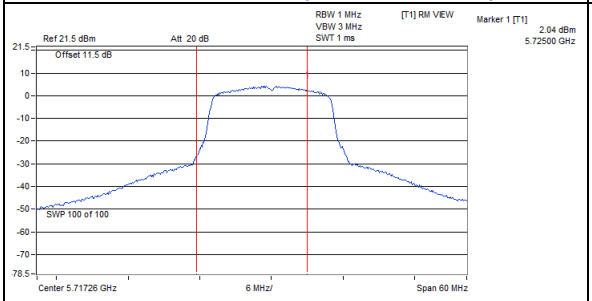
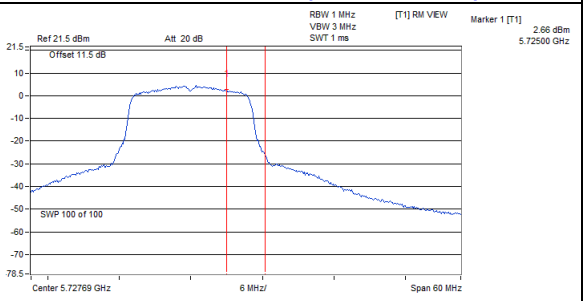
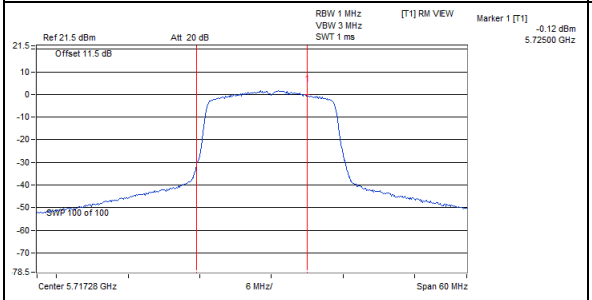
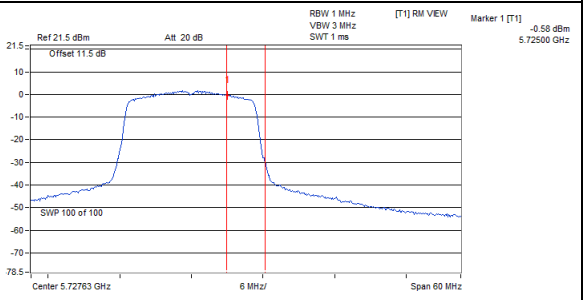
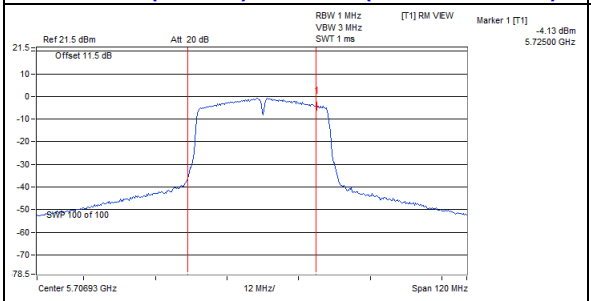
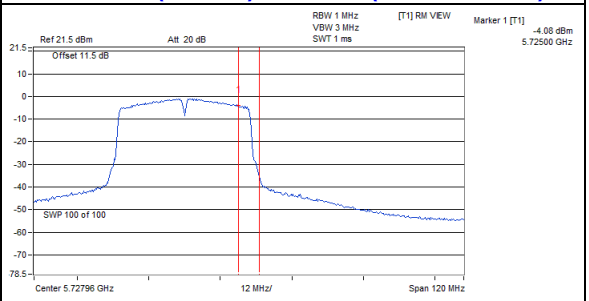
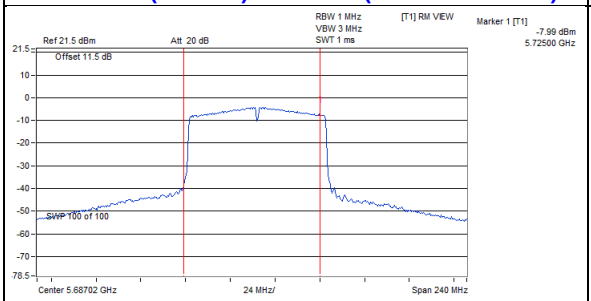
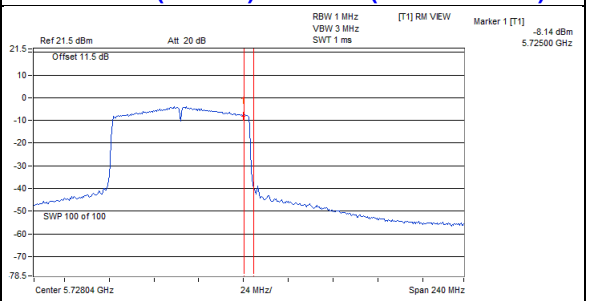
The Total Power for the straddle channel and power meter value for reference only:

Chan.	Chan. Freq. (MHz)	Total Power (mW)	Total Power (dBm)	Average Power (mW)	Average Power (dBm)
138	5690	24.3328	13.86	26.977	14.31

Note: For U-NII-2A, U-NII-2C Band output power limitation is determined based on 26dBc bandwidth

Power Limit = 11dBm + 10logB < U-NII-2A, U-NII-2C >			
Channel Number	Freq.(MHz)	Min. B(MHz)	Determined Conducted Limit (dBm)
58	5290	82.27	30.15 > 24
106	5530	82.26	30.15 > 24
122	5610	82.17	30.14 > 24
138 (U-NII-2C Band)	5690	75.95	29.8 > 24

For channel straddling 5725MHz of Power

Spectrum Plot Value of Power	
802.11a / CH144 (U-NII-2C Band)	**802.11a / CH144 (U-NII-3 Band)**
 TX Channel Bandwidth 15.47 MHz Power 15.27 dBm	 TX Channel Bandwidth 5.38 MHz Power 7.7 dBm
802.11ac (VHT20) / CH144 (U-NII-2C Band)	**802.11ac (VHT20) / CH144 (U-NII-3 Band)**
 TX Channel Bandwidth 15.44 MHz Power 12.77 dBm	 TX Channel Bandwidth 5.26 MHz Power 5.61 dBm
802.11ac (VHT40) / CH142 (U-NII-2C Band)	**802.11ac (VHT40) / CH142 (U-NII-3 Band)**
 TX Channel Bandwidth 36.14 MHz Power 13.73 dBm	 TX Channel Bandwidth 5.92 MHz Power 1.58 dBm
802.11ac (VHT80) / CH138 (U-NII-2C Band)	**802.11ac (VHT80) / CH138 (U-NII-3 Band)**
 TX Channel Bandwidth 75.95 MHz Power 13.73 dBm	 TX Channel Bandwidth 6.08 MHz Power -1.38 dBm

26dB OCCUPIED BANDWIDTH

802.11a

Channel	Frequency (MHz)	26dB Bandwidth (MHz)
52	5260	20.76
60	5300	20.71
64	5320	20.66
100	5500	20.72
116	5580	20.83
140	5700	20.61
144 (U-NII-2C Band)	5720	15.47

802.11ac (VHT20)

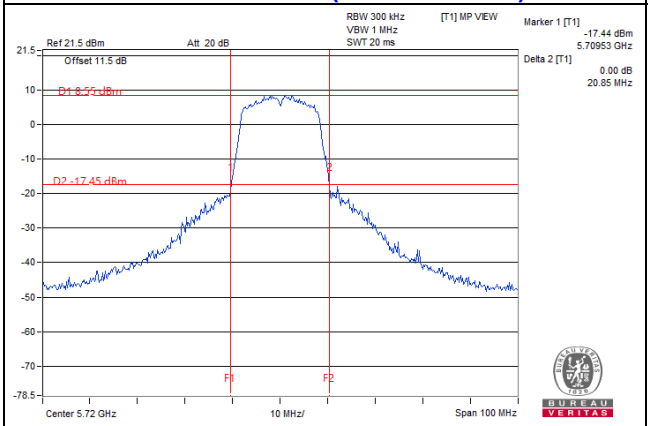
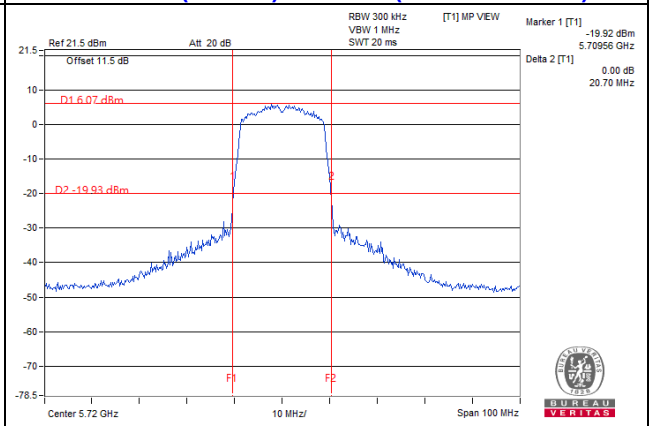
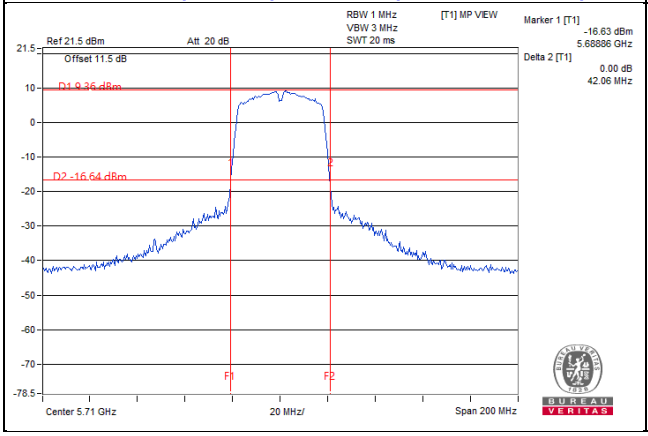
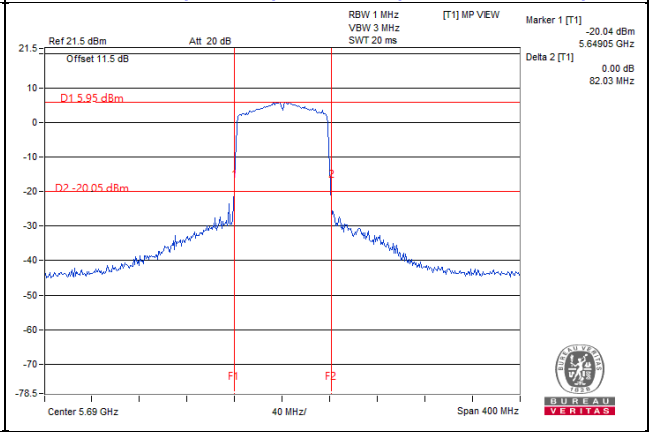
Channel	Frequency (MHz)	26dB Bandwidth (MHz)
52	5260	20.85
60	5300	20.82
64	5320	20.79
100	5500	20.69
116	5580	20.89
140	5700	20.73
144 (U-NII-2C Band)	5720	15.44

802.11ac (VHT40)

Channel	Frequency (MHz)	26dB Bandwidth (MHz)
54	5270	42.12
62	5310	42.01
102	5510	41.93
110	5550	41.84
134	5670	41.99
142 (U-NII-2C Band)	5710	36.14

802.11ac (VHT80)

Channel	Frequency (MHz)	26dB Bandwidth (MHz)
58	5290	82.27
106	5530	82.26
122	5610	82.17
138 (U-NII-2C Band)	5690	75.95

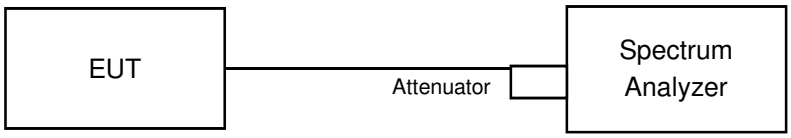
Spectrum Plot of Worst Value	
802.11a / CH144 (U-NII-2C Band)	**802.11ac (VHT20) / CH144 (U-NII-2C Band)**
	
802.11ac (VHT40) / CH142 (U-NII-2C Band)	**802.11ac (VHT80) / CH138 (U-NII-2C Band)**
	

Note:

For CH144 (U-NII-2C) = 5725MHz - Marker 1
For CH142 (U-NII-2C) = 5725MHz - Marker 1
For CH138 (U-NII-2C) = 5725MHz - Marker 1

4.4 Occupied Bandwidth Measurement

4.4.1 Test Setup



4.4.2 Test Instruments

Refer to section 4.1.2 to get information of above instrument.

4.4.3 Test Procedure

The transmitter output was connected to the spectrum analyzer through an attenuator. The bandwidth of the fundamental frequency was measured by spectrum analyzer with resolution bandwidth in the range of 1% to 5% of the anticipated emission bandwidth, and a video bandwidth at least 3x the resolution bandwidth and set the detector to SAMPLE. The width of a frequency band such that, below the lower and above the upper frequency limits, the mean powers emitted are each equal to a specified percentage 0.5% of the total mean power of a given emission.

4.4.4 Test Results (Mode 1)

802.11ac (VHT20)

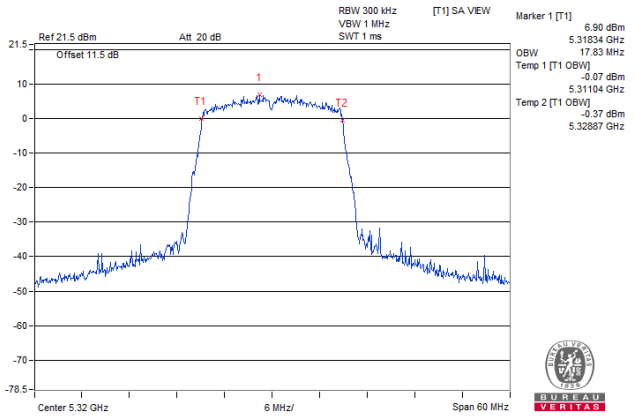
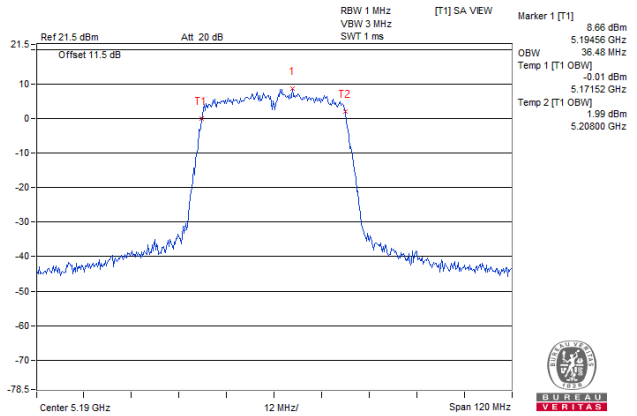
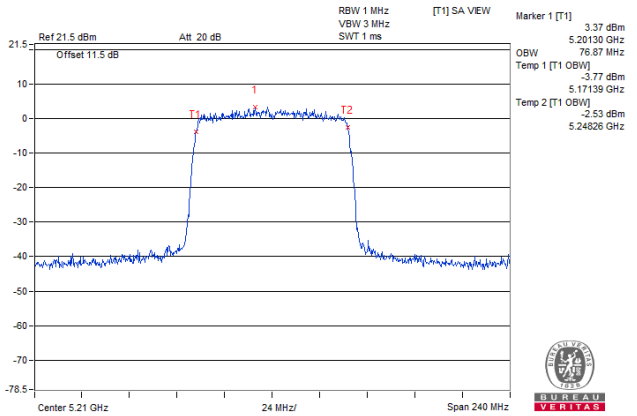
Channel	Frequency (MHz)	Occupied Bandwidth (MHz)	
		Chain 0	Chain 1
36	5180	17.65	17.64
40	5200	17.74	17.64
48	5240	17.74	17.64
52	5260	17.65	17.65
60	5300	17.74	17.74
64	5320	17.83	17.74
100	5500	17.65	17.74
116	5580	17.76	17.64
140	5700	17.64	17.64
144 (U-NII-2C Band)	5720	14	13.88
144 (U-NII-3 Band)	5720	3.76	3.76
149	5745	17.76	17.64
157	5785	17.64	17.64
165	5825	17.76	17.76

802.11ac (VHT40)

Channel	Frequency (MHz)	Occupied Bandwidth (MHz)	
		Chain 0	Chain 1
38	5190	36.48	36.48
46	5230	36.48	36.24
54	5270	36.48	36.48
62	5310	36.24	36.48
102	5510	36.48	36.48
110	5550	36.48	36.48
134	5670	36.24	36.48
142 (U-NII-2C Band)	5710	33.24	33.24
142 (U-NII-3 Band)	5710	3.24	3.24
151	5755	36.48	36.24
159	5795	36.48	36.24

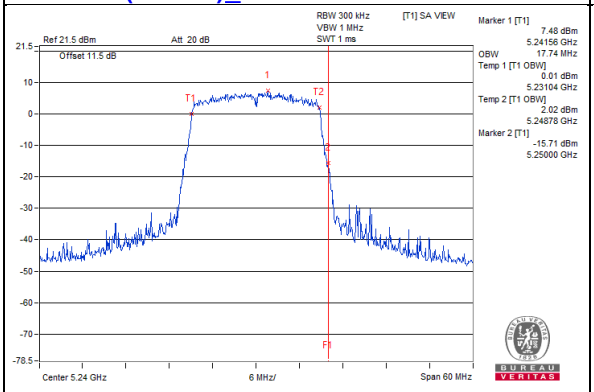
802.11ac (VHT80)

Channel	Frequency (MHz)	Occupied Bandwidth (MHz)	
		Chain 0	Chain 1
42	5210	75.84	76.87
58	5290	75.84	75.84
106	5530	75.84	75.84
122	5610	75.84	75.84
138 (U-NII-2C Band)	5690	72.92	72.92
138 (U-NII-3 Band)	5690	2.92	2.92
155	5775	75.84	75.84

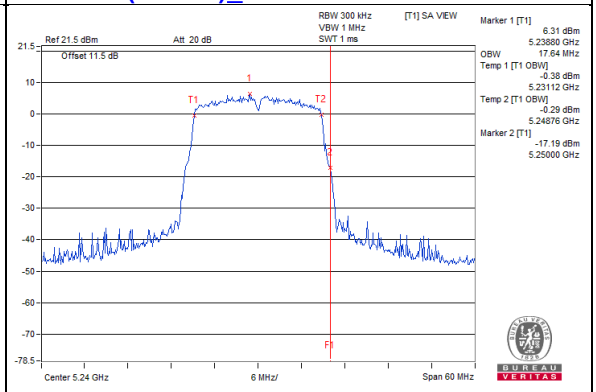
Spectrum Plot of Max. Value	
802.11ac (VHT20)_Chain 0 / CH64	**802.11ac (VHT40)_Chain 0 / CH38**
	
802.11ac (VHT80)_Chain 1 / CH42	
	

Spectrum Plot for near by DFS band
(DFS is required, if 99% OCP straddle into U-NII-2A band)

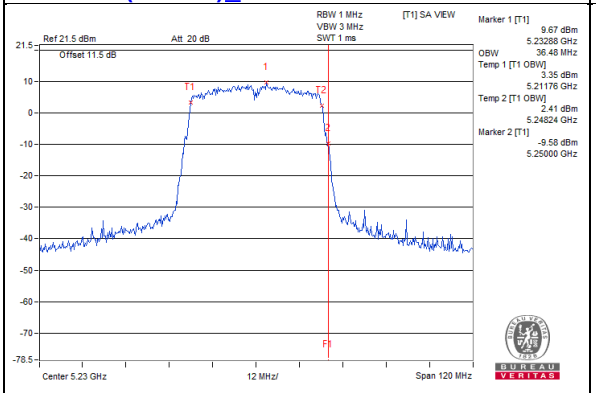
802.11ac (VHT20)_Chain0 / CH48



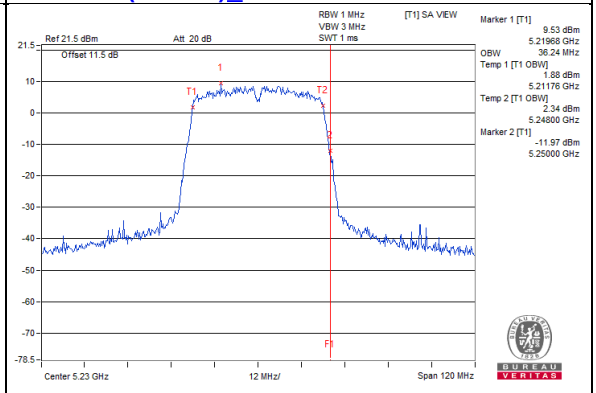
802.11ac (VHT20)_Chain1 / CH48



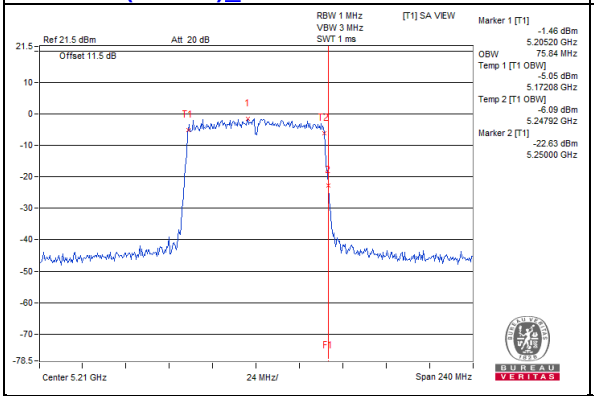
802.11ac (VHT40)_Chain0 / CH46



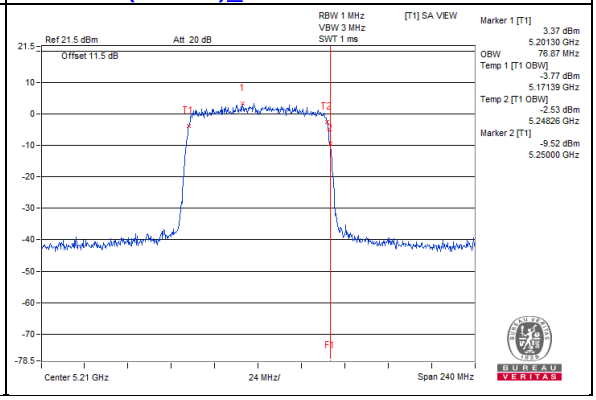
802.11ac (VHT40)_Chain1 / CH46



802.11ac (VHT80)_Chain0 / CH42

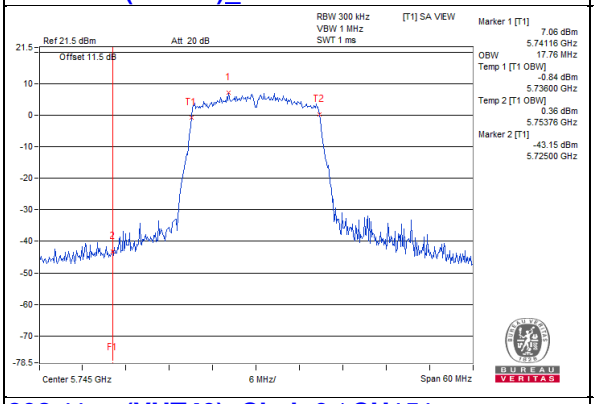


802.11ac (VHT80)_Chain1 / CH42

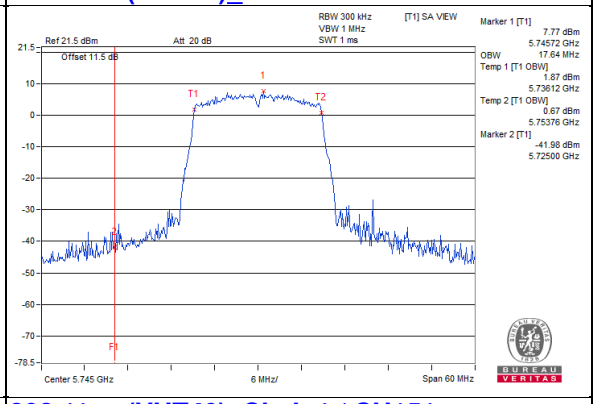


Spectrum Plot for near by DFS band
(DFS is required, if 99% OCP straddle into U-NII-2C band)

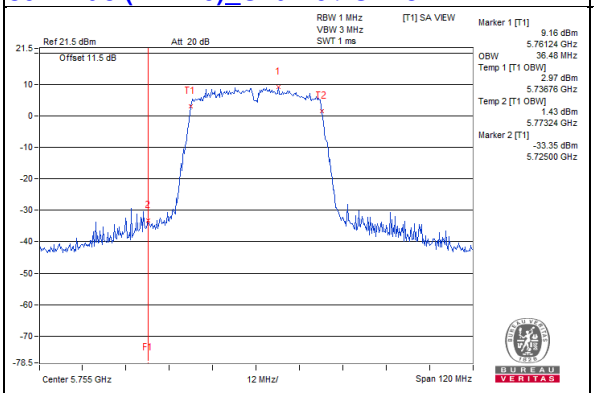
802.11ac (VHT20)_Chain0 / CH149



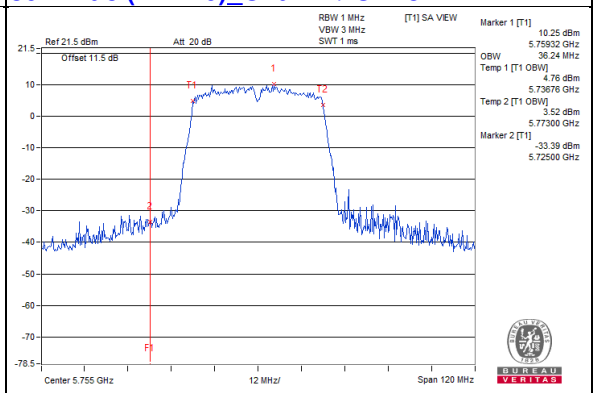
802.11ac (VHT20)_Chain1 / CH149



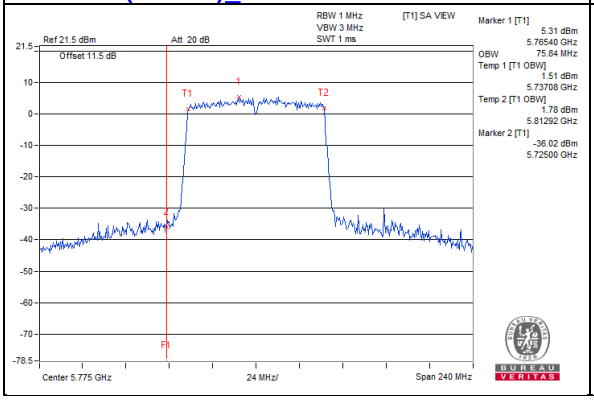
802.11ac (VHT40)_Chain0 / CH151



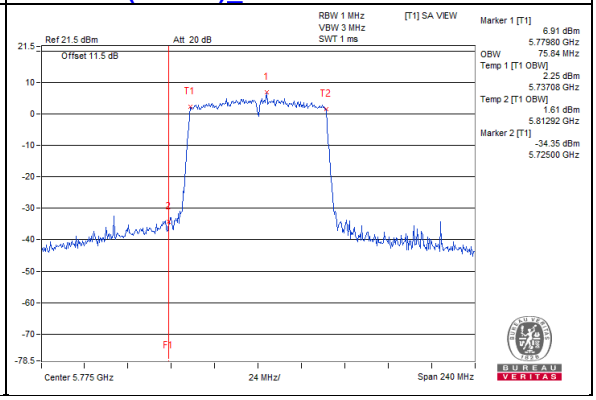
802.11ac (VHT40)_Chain1 / CH151



802.11ac (VHT80)_Chain0 / CH155



802.11ac (VHT80)_Chain1 / CH155



4.4.5 Test Results (Mode 2)

802.11a

Channel	Frequency (MHz)	Occupied Bandwidth (MHz)
36	5180	16.7
40	5200	16.68
48	5240	16.68
52	5260	16.8
60	5300	16.68
64	5320	16.68
100	5500	16.8
116	5580	16.92
140	5700	16.68
144 (U-NII-2C Band)	5720	13.52
144 (U-NII-3 Band)	5720	3.28
149	5745	16.92
157	5785	16.92
165	5825	16.8

802.11ac (VHT20)

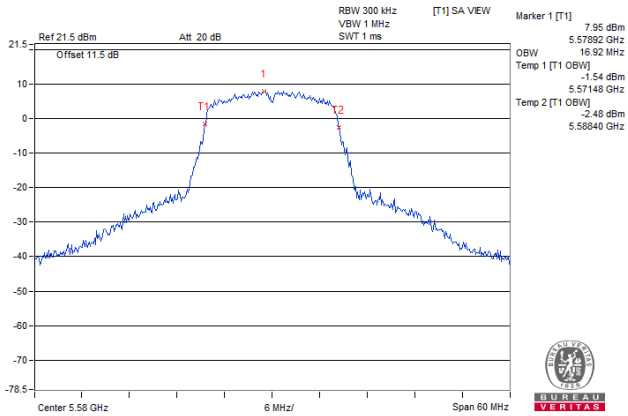
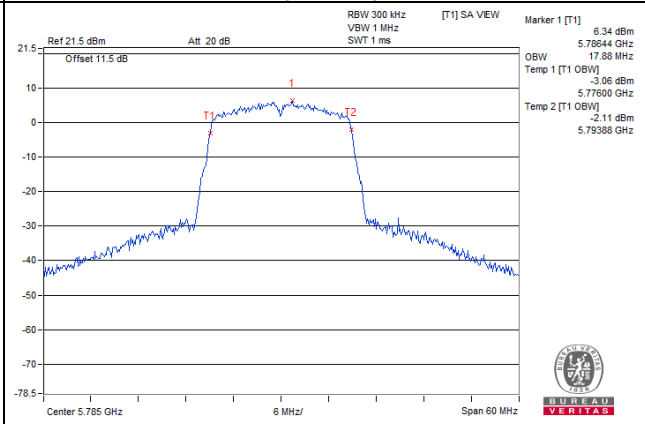
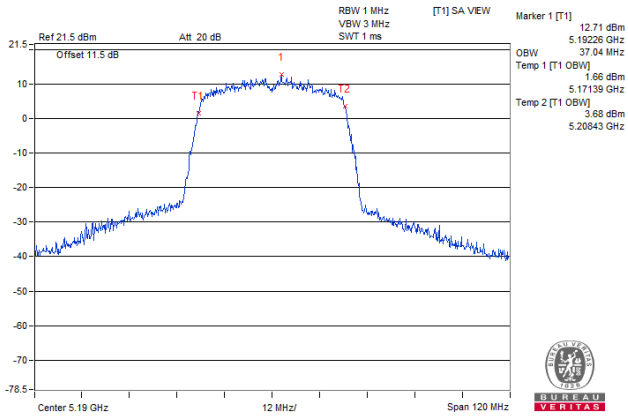
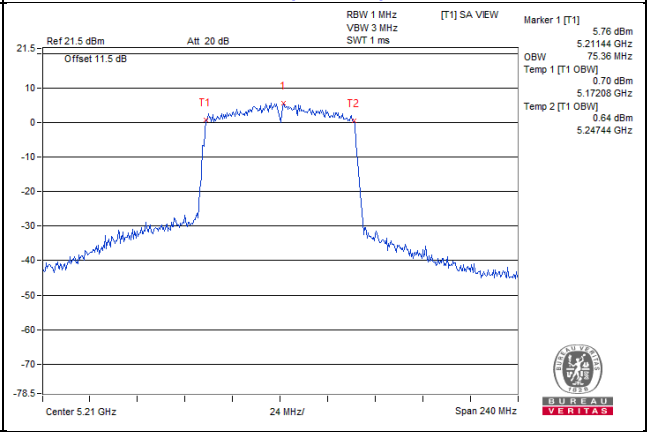
Channel	Frequency (MHz)	Occupied Bandwidth (MHz)
36	5180	17.64
40	5200	17.64
48	5240	17.64
52	5260	17.64
60	5300	17.64
64	5320	17.64
100	5500	17.64
116	5580	17.64
140	5700	17.64
144 (U-NII-2C Band)	5720	13.88
144 (U-NII-3 Band)	5720	3.76
149	5745	17.76
157	5785	17.88
165	5825	17.76

802.11ac (VHT40)

Channel	Frequency (MHz)	Occupied Bandwidth (MHz)
38	5190	37.04
46	5230	36.35
54	5270	36.35
62	5310	36.52
102	5510	36.35
110	5550	36.52
134	5670	36.24
142 (U-NII-2C Band)	5710	33.24
142 (U-NII-3 Band)	5710	3
151	5755	36.48
159	5795	36.48

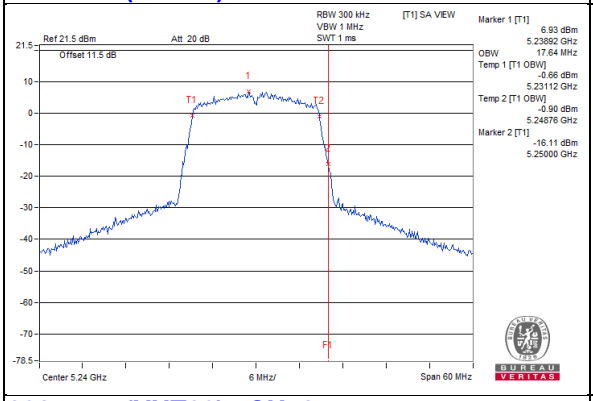
802.11ac (VHT80)

Channel	Frequency (MHz)	Occupied Bandwidth (MHz)
42	5210	75.36
58	5290	75.36
106	5530	75.36
122	5610	75.36
138 (U-NII-2C Band)	5690	72.92
138 (U-NII-3 Band)	5690	2.44
155	5775	75.36

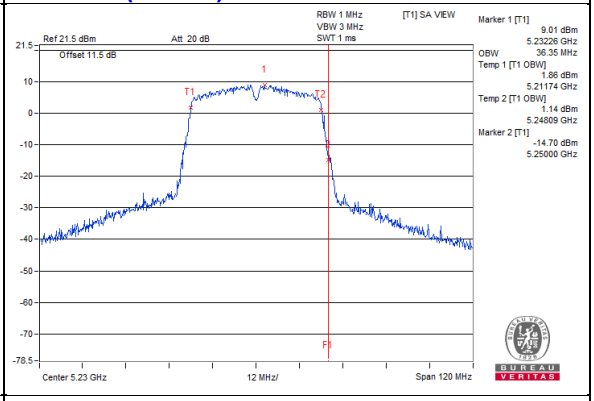
Spectrum Plot of Max. Value	
802.11a / CH116	**802.11ac (VHT20) / CH157**
	
802.11ac (VHT40) / CH38	**802.11ac (VHT80) / CH42**
	

Spectrum Plot for near by DFS band
(DFS is required, if 99% OCP straddle into U-NII-2A band)

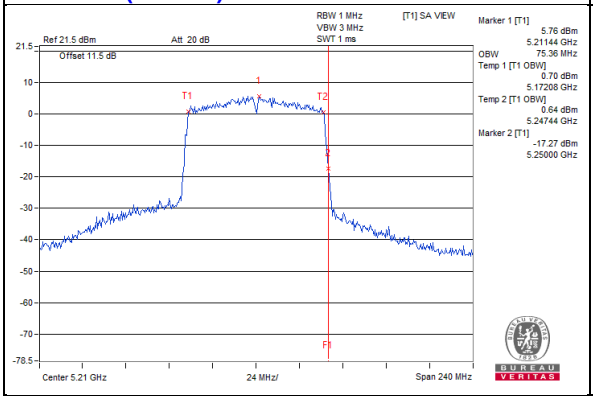
802.11ac (VHT20) / CH48



802.11ac (VHT40) / CH46

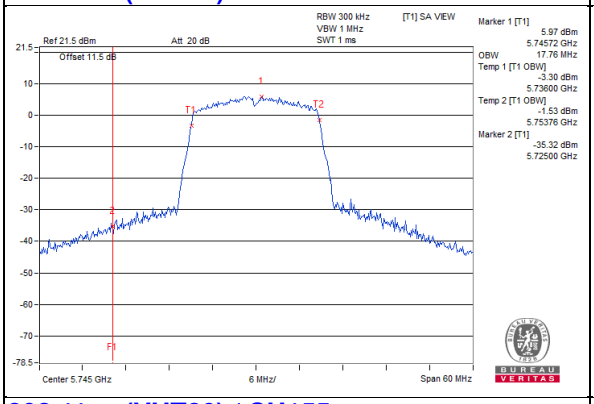


802.11ac (VHT80) / CH42

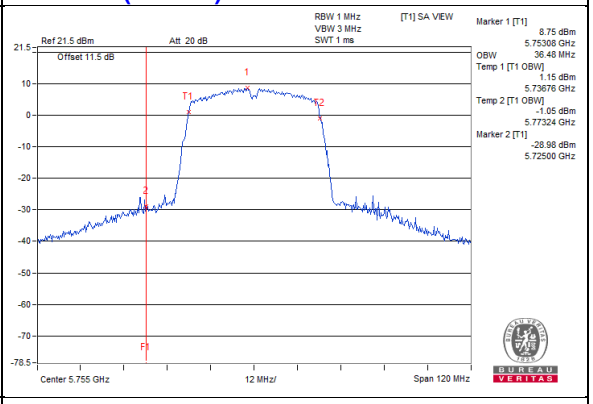


Spectrum Plot for near by DFS band
(DFS is required, if 99% OCP straddle into U-NII-2C band)

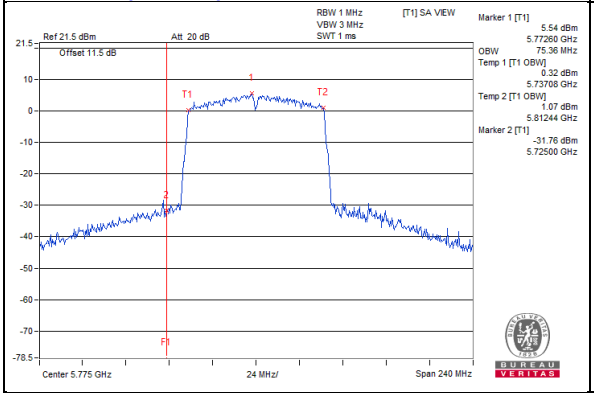
802.11ac (VHT20) / CH149



802.11ac (VHT40) / CH151



802.11ac (VHT80) / CH155

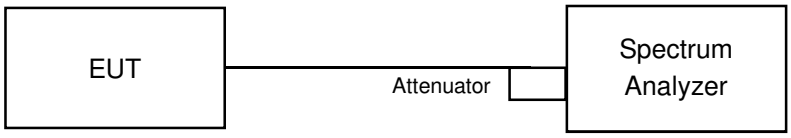


4.5 Peak Power Spectral Density Measurement

4.5.1 Limits of Peak Power Spectral Density Measurement

Operation Band	EUT Category		Limit
U-NII-1		Outdoor Access Point	17dBm/ MHz
		Fixed point-to-point Access Point	
		Indoor Access Point	
	√	Client device	11dBm/ MHz
U-NII-2A	√		11dBm/ MHz
U-NII-2C	√		11dBm/ MHz
U-NII-3	√		30dBm/ 500kHz

4.5.2 Test Setup



4.5.3 Test Instruments

Refer to section 4.1.2 to get information of above instrument.

4.5.4 Test Procedure

For U-NII-1, U-NII-2A, U-NII-2C band:

Using method SA-1

1. Set span to encompass the entire emission bandwidth (EBW) of the signal.
2. Set RBW = 1 MHz, Set VBW ≥ 3 MHz, Detector = RMS
3. Sweep time = auto, trigger set to “free run”.
4. Trace average at least 100 traces in power averaging mode.
   In order to obtain results more easily, change max hold to view. It has no effect on the result
5. Record the max value

For U-NII-3 band:

1. Set span to encompass the entire emission bandwidth (EBW) of the signal.
2. Set RBW = 300 kHz, Set VBW ≥ 1 MHz, Detector = RMS
3. Use the peak marker function to determine the maximum power level in any 300 kHz band segment within the fundamental EBW.
4. Scale the observed power level to an equivalent value in 500 kHz by adjusting (reducing) the measured power by a bandwidth correction factor (BWCF) where BWCF = 10log(500kHz/300kHz)
5. Sweep time = auto, trigger set to “free run”.
6. Trace average at least 100 traces in power averaging mode.
   In order to obtain results more easily, change max hold to view. It has no effect on the result
7. Record the max value

4.5.5 Deviation from Test Standard

No deviation.

4.5.6 EUT Operating Condition

Same as Item 4.3.6.

4.5.7 Test Results (Mode 1)

For U-NII-1, U-NII-2A, U-NII-2C band:

802.11ac (VHT20)

Chan.	Chan. Freq. (MHz)	PSD (dBm/MHz)		Total PSD (dBm/MHz)	PSD Limit (dBm/MHz)	Pass / Fail
		Chain 0	Chain 1			
36	5180	1.82	1.53	4.69	11.00	Pass
40	5200	2.02	1.11	4.60	11.00	Pass
48	5240	2.23	1.12	4.72	11.00	Pass
52	5260	1.65	0.18	3.99	11.00	Pass
60	5300	1.43	1.19	4.32	11.00	Pass
64	5320	1.45	1.17	4.32	11.00	Pass
100	5500	1.76	1.06	4.43	10.38	Pass
116	5580	1.58	1.05	4.33	10.38	Pass
140	5700	-0.78	-0.41	2.42	10.38	Pass
144 (U-NII-2C Band)	5720	1.49	1.09	4.30	10.38	Pass

Note: 1. Method a) of power density measurement of KDB 662911 is using for calculating total power density. Total power density is summing entire spectra across corresponding frequency bins on the various outputs by computer.
2. For U-NII-1: The directional gain = 10 log[($10^{G0/10}$ + $10^{G1/10}$) / 2] = 5.07 dBi < 6 dBi, so the power density limit shall not be reduced.
3. For U-NII-2A: The directional gain = 10 log[($10^{G0/10}$ + $10^{G1/10}$) / 2] = 5.69 dBi < 6 dBi, so the power density limit shall not be reduced.
4. For U-NII-2C: The directional gain = 10 log[($10^{G0/10}$ + $10^{G1/10}$) / 2] = 6.62 dBi > 6 dBi, therefore the limit needs to reduce, so the power density limit shall be reduced to 11-(6.62-6) = 10.38 dBm/MHz.

802.11ac (VHT40)

Chan.	Chan. Freq. (MHz)	PSD (dBm/MHz)		Total PSD (dBm/MHz)	PSD Limit (dBm/MHz)	Pass / Fail
		Chain 0	Chain 1			
38	5190	-2.63	-3.01	0.19	11.00	Pass
46	5230	-0.85	-1.89	1.67	11.00	Pass
54	5270	-1.25	-2.08	1.37	11.00	Pass
62	5310	-2.29	-2.54	0.60	11.00	Pass
102	5510	-3.93	-4.75	-1.31	10.38	Pass
110	5550	-1.99	-1.15	1.46	10.38	Pass
134	5670	-2.83	-2.17	0.52	10.38	Pass
142 (U-NII-2C Band)	5710	-1.24	-1.15	1.82	10.38	Pass

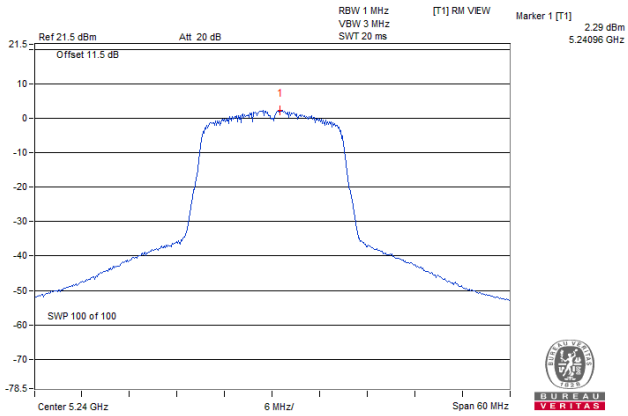
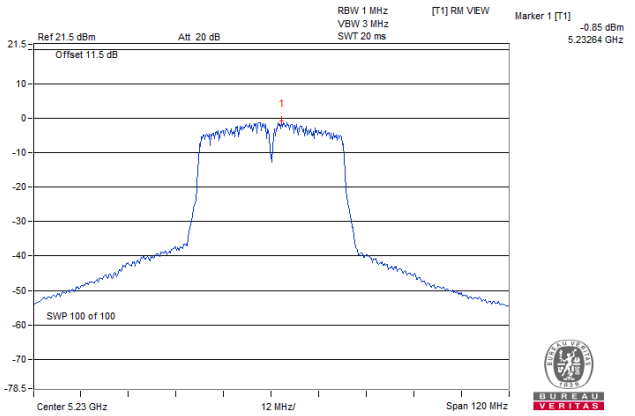
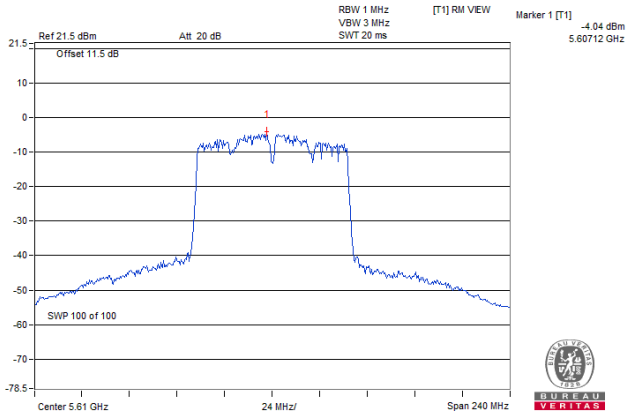
Note: 1. Method a) of power density measurement of KDB 662911 is using for calculating total power density. Total power density is summing entire spectra across corresponding frequency bins on the various outputs by computer.
2. For U-NII-1: The directional gain = 10 log[($10^{G0/10}$ + $10^{G1/10}$) / 2] = 5.07 dBi < 6 dBi, so the power density limit shall not be reduced.
3. For U-NII-2A: The directional gain = 10 log[($10^{G0/10}$ + $10^{G1/10}$) / 2] = 5.69 dBi < 6 dBi, so the power density limit shall not be reduced.
4. For U-NII-2C: The directional gain = 10 log[($10^{G0/10}$ + $10^{G1/10}$) / 2] = 6.62 dBi > 6 dBi, therefore the limit needs to reduce, so the power density limit shall be reduced to 11-(6.62-6) = 10.38 dBm/MHz.

802.11ac (VHT80)

Chan.	Chan. Freq. (MHz)	PSD (dBm/MHz)		Total PSD (dBm/MHz)	PSD Limit (dBm/MHz)	Pass / Fail
		Chain 0	Chain 1			
42	5210	-10.94	-11.95	-8.41	11.00	Pass
58	5290	-10.29	-10.84	-7.55	11.00	Pass
106	5530	-9.56	-9.52	-6.53	10.38	Pass
122	5610	-4.04	-5.89	-1.86	10.38	Pass
138 (U-NII-2C Band)	5690	-4.91	-4.76	-1.82	10.38	Pass

Note: 1. Method a) of power density measurement of KDB 662911 is using for calculating total power density. Total power density is summing entire spectra across corresponding frequency bins on the various outputs by computer.

2. For U-NII-1: The directional gain = 10 log[($10^{G0/10}$ + $10^{G1/10}$) / 2] = 5.07 dBi < 6 dBi, so the power density limit shall not be reduced.
3. For U-NII-2A: The directional gain = 10 log[($10^{G0/10}$ + $10^{G1/10}$) / 2] = 5.69 dBi < 6 dBi, so the power density limit shall not be reduced.
4. For U-NII-2C: The directional gain = 10 log[($10^{G0/10}$ + $10^{G1/10}$) / 2] = 6.62 dBi > 6 dBi, therefore the limit needs to reduce, so the power density limit shall be reduced to 11-(6.62-6) = 10.38 dBm/MHz.

Spectrum Plot of Worst Value	
802.11ac (VHT20)_Chain 0 / CH48	**802.11ac (VHT40)_Chain 0 / CH46**
	
802.11ac (VHT80)_Chain 0 / CH122	
	

For U-NII-3 band:

802.11ac (VHT20)

Chan.	Chan. Freq. (MHz)	PSD (dBm/300kHz)		Total PSD (dBm/300kHz)	Total PSD (dBm/500kHz)	PSD Limit (dBm/500kHz)	Pass / Fail
		Chain 0	Chain 1				
144 (U-NII-3 Band)	5720	-8.53	-9.22	-5.85	-3.63	29.25	Pass
149	5745	-6.11	-5.34	-2.70	-0.48	29.25	Pass
157	5785	-5.88	-5.11	-2.47	-0.25	29.25	Pass
165	5825	-6.17	-5.55	-2.84	-0.62	29.25	Pass

Note: 1. Method b) Measure and sum spectral maxima across the outputs of KDB 662911 is using for calculating total power density.
2. The directional gain = 10 log[($10^{G0/10}$ + $10^{G1/10}$) / 2] = 6.75 > 6dBi, so the power density limit shall be reduced to 30-(6.75-6) = 29.25 dBm/500kHz.

802.11ac (VHT40)

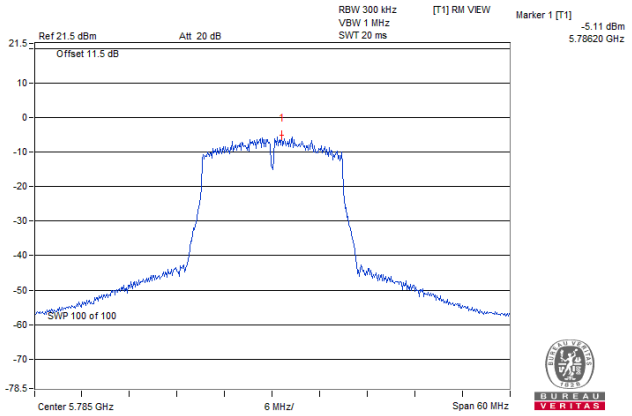
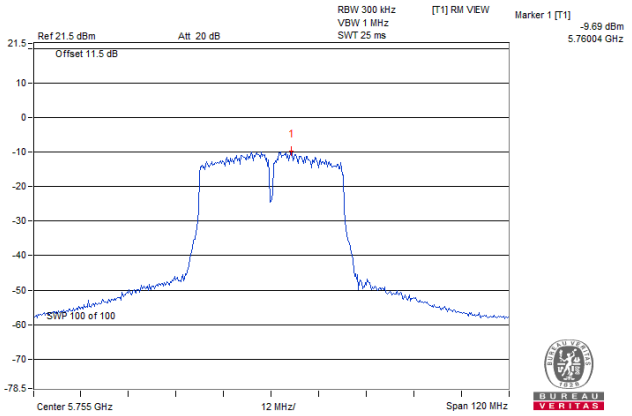
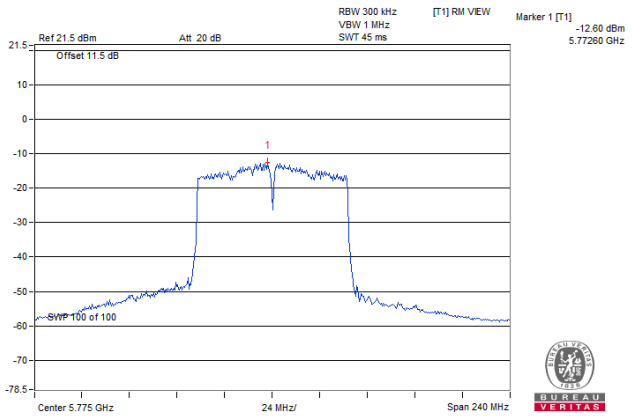
Chan.	Chan. Freq. (MHz)	PSD (dBm/300kHz)		Total PSD (dBm/300kHz)	Total PSD (dBm/500kHz)	PSD Limit (dBm/500kHz)	Pass / Fail
		Chain 0	Chain 1				
142 (U-NII-3 Band)	5710	-13.34	-12.68	-9.99	-7.77	29.25	Pass
151	5755	-10.11	-9.69	-6.88	-4.66	29.25	Pass
159	5795	-9.93	-9.88	-6.89	-4.67	29.25	Pass

Note: 1. Method b) Measure and sum spectral maxima across the outputs of KDB 662911 is using for calculating total power density.
2. The directional gain = 10 log[($10^{G0/10}$ + $10^{G1/10}$) / 2] = 6.75 > 6dBi, so the power density limit shall be reduced to 30-(6.75-6) = 29.25 dBm/500kHz.

802.11ac (VHT80)

Chan.	Chan. Freq. (MHz)	PSD (dBm/300kHz)		Total PSD (dBm/300kHz)	Total PSD (dBm/500kHz)	PSD Limit (dBm/500kHz)	Pass / Fail
		Chain 0	Chain 1				
138 (U-NII-3 Band)	5690	-16.32	-16.59	-13.44	-11.22	29.25	Pass
155	5775	-13.46	-12.60	-10.00	-7.78	29.25	Pass

Note: 1. Method b) Measure and sum spectral maxima across the outputs of KDB 662911 is using for calculating total power density.
2. The directional gain = 10 log[($10^{G0/10}$ + $10^{G1/10}$) / 2] = 6.75 > 6dBi, so the power density limit shall be reduced to 30-(6.75-6) = 29.25 dBm/500kHz.

Spectrum Plot of Worst Value	
802.11ac (VHT20)_Chain 1 / CH157	**802.11ac (VHT40)_Chain 1 / CH151**
	
802.11ac (VHT80)_Chain 1 / CH155	
	

4.5.8 Test Results (Mode 2)

For U-NII-1, U-NII-2A, U-NII-2C band:

802.11a

Chan.	Chan. Freq. (MHz)	PSD (dBm/MHz)	PSD Limit (dBm/MHz)	Pass / Fail
36	5180	3.84	11.00	Pass
40	5200	4.04	11.00	Pass
48	5240	3.81	11.00	Pass
52	5260	3.96	11.00	Pass
60	5300	3.36	11.00	Pass
64	5320	3.80	11.00	Pass
100	5500	3.97	11.00	Pass
116	5580	3.85	11.00	Pass
140	5700	2.99	11.00	Pass
144 (U-NII-2C Band)	5720	3.78	11.00	Pass

802.11ac (VHT20)

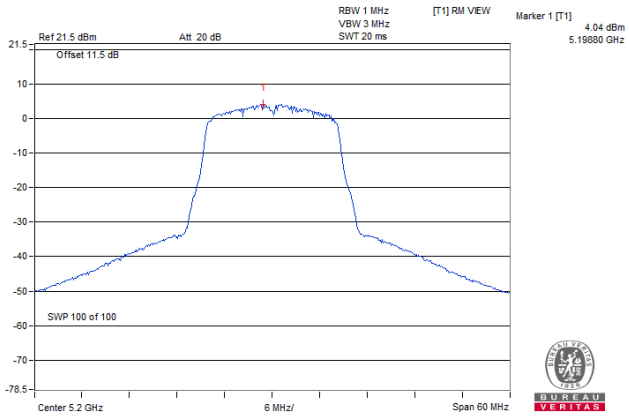
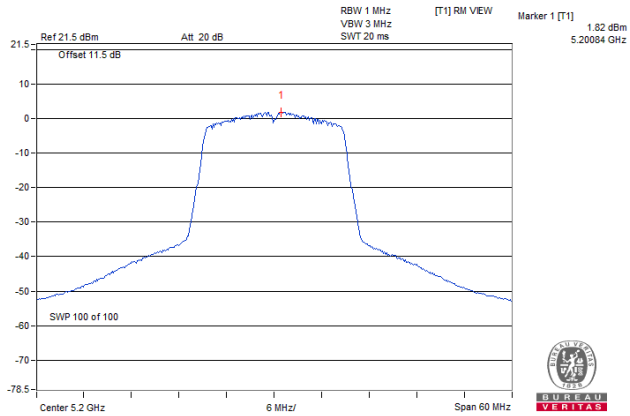
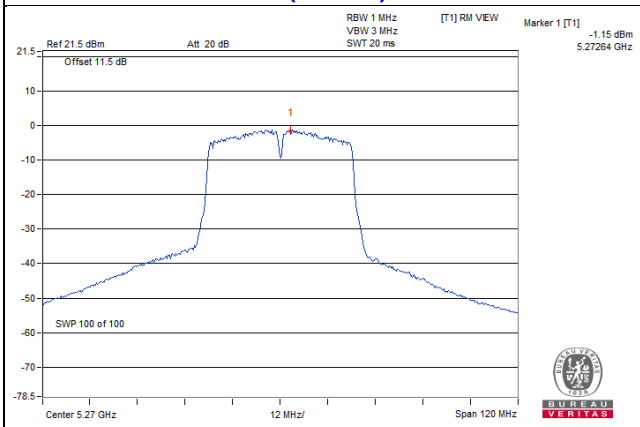
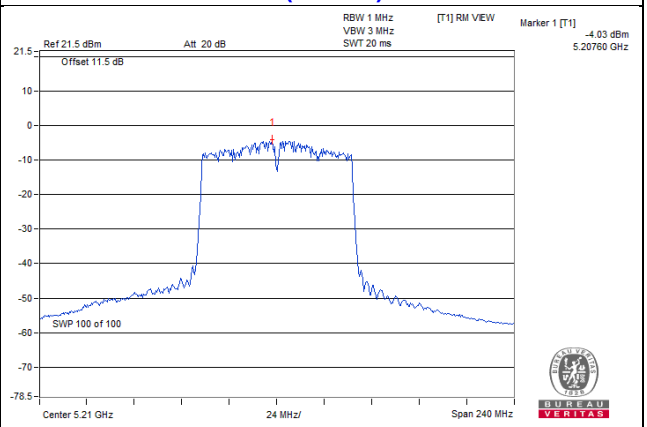
Chan.	Chan. Freq. (MHz)	PSD (dBm/MHz)	PSD Limit (dBm/MHz)	Pass / Fail
36	5180	1.55	11.00	Pass
40	5200	1.82	11.00	Pass
48	5240	1.66	11.00	Pass
52	5260	1.31	11.00	Pass
60	5300	1.48	11.00	Pass
64	5320	1.62	11.00	Pass
100	5500	1.49	11.00	Pass
116	5580	1.28	11.00	Pass
140	5700	1.46	11.00	Pass
144 (U-NII-2C Band)	5720	1.50	11.00	Pass

802.11ac (VHT40)

Chan.	Chan. Freq. (MHz)	PSD (dBm/MHz)	PSD Limit (dBm/MHz)	Pass / Fail
38	5190	-1.23	11.00	Pass
46	5230	-1.64	11.00	Pass
54	5270	-1.15	11.00	Pass
62	5310	-1.66	11.00	Pass
102	5510	-1.53	11.00	Pass
110	5550	-1.46	11.00	Pass
134	5670	-1.39	11.00	Pass
142 (U-NII-2C Band)	5710	-1.43	11.00	Pass

802.11ac (VHT80)

Chan.	Chan. Freq. (MHz)	PSD (dBm/MHz)	PSD Limit (dBm/MHz)	Pass / Fail
42	5210	-4.03	11.00	Pass
58	5290	-4.11	11.00	Pass
106	5530	-4.65	11.00	Pass
122	5610	-4.42	11.00	Pass
138 (U-NII-2C Band)	5690	-4.53	11.00	Pass

Spectrum Plot of Worst Value	
802.11a / CH40	**802.11ac (VHT20) / CH40**
	
802.11ac (VHT40) / CH54	**802.11ac (VHT80) / CH42**
	

For U-NII-3 band:

802.11a

Chan.	Chan. Freq. (MHz)	PSD (dBm/300kHz)	Total PSD (dBm/500kHz)	PSD Limit (dBm/500kHz)	Pass / Fail
144 (U-NII-3 Band)	5720	-6.50	-4.28	29.70	Pass
149	5745	-4.50	-2.28	29.70	Pass
157	5785	-4.42	-2.20	29.70	Pass
165	5825	-4.23	-2.01	29.70	Pass

Note: The max. gain = 6.3 > 6dBi, so the power density limit shall be reduced to 30-(6.3-6) = 29.7 dBm/500kHz.

802.11ac (VHT20)

Chan.	Chan. Freq. (MHz)	PSD (dBm/300kHz)	Total PSD (dBm/500kHz)	PSD Limit (dBm/500kHz)	Pass / Fail
144 (U-NII-3 Band)	5720	-8.36	-6.14	29.70	Pass
149	5745	-6.52	-4.30	29.70	Pass
157	5785	-6.13	-3.91	29.70	Pass
165	5825	-7.05	-4.83	29.70	Pass

Note: The max. gain = 6.3 > 6dBi, so the power density limit shall be reduced to 30-(6.3-6) = 29.7 dBm/500kHz.

802.11ac (VHT40)

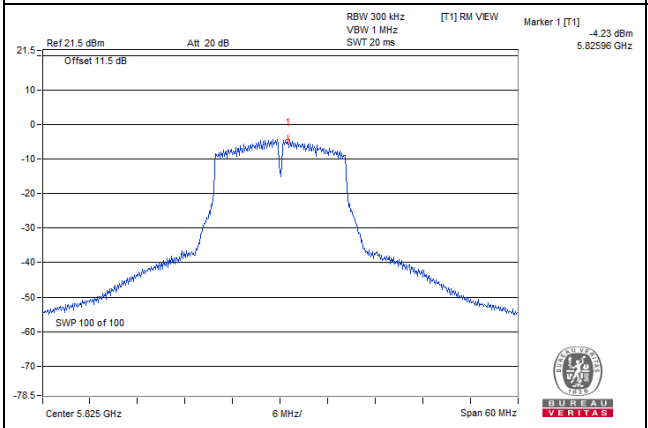
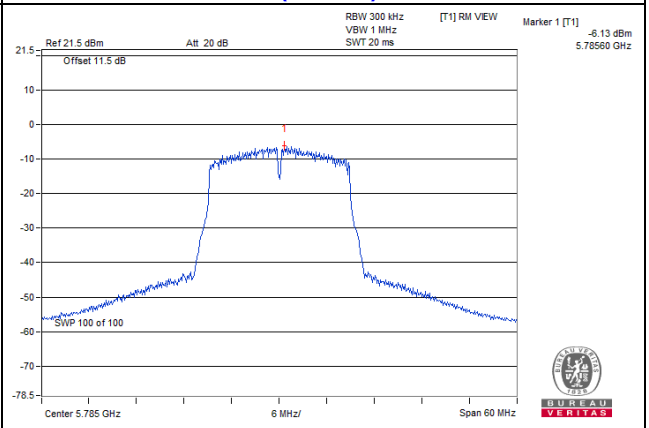
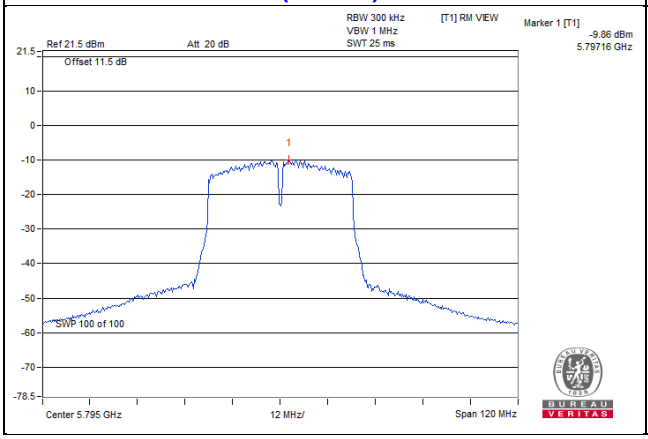
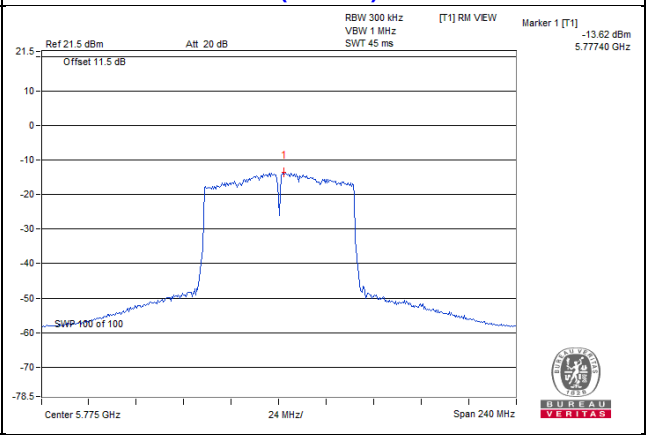
Chan.	Chan. Freq. (MHz)	PSD (dBm/300kHz)	Total PSD (dBm/500kHz)	PSD Limit (dBm/500kHz)	Pass / Fail
142 (U-NII-3 Band)	5710	-12.97	-10.75	29.70	Pass
151	5755	-10.47	-8.25	29.70	Pass
159	5795	-9.86	-7.64	29.70	Pass

Note: The max. gain = 6.3 > 6dBi, so the power density limit shall be reduced to 30-(6.3-6) = 29.7 dBm/500kHz.

802.11ac (VHT80)

Chan.	Chan. Freq. (MHz)	PSD (dBm/300kHz)	Total PSD (dBm/500kHz)	PSD Limit (dBm/500kHz)	Pass / Fail
138 (U-NII-3 Band)	5690	-15.68	-13.46	29.70	Pass
155	5775	-13.62	-11.40	29.70	Pass

Note: The max. gain = 6.3 > 6dBi, so the power density limit shall be reduced to 30-(6.3-6) = 29.7 dBm/500kHz.

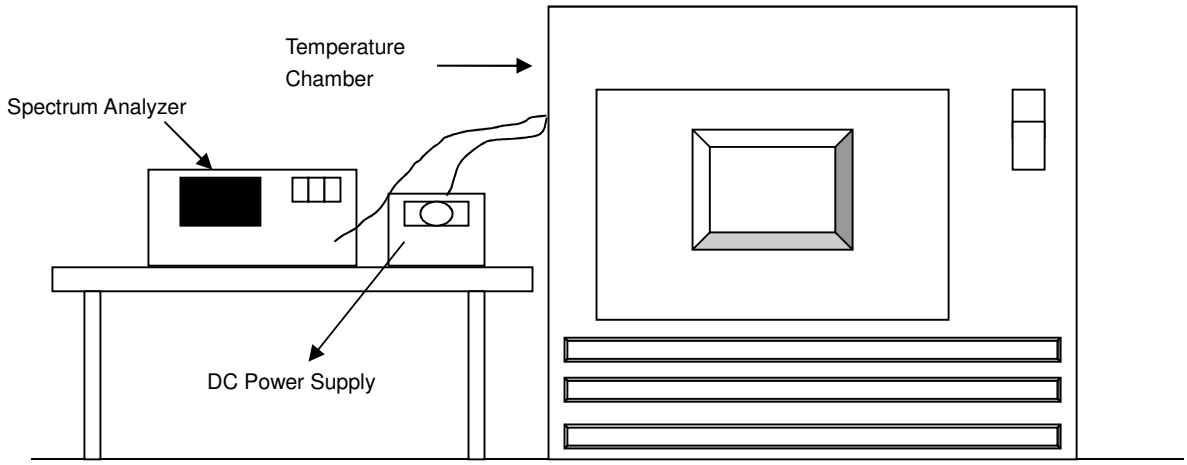
Spectrum Plot of Worst Value	
802.11a / CH165	**802.11ac (VHT20) / CH157**
	
802.11ac (VHT40) / CH159	**802.11ac (VHT80) / CH155**
	

4.6 Frequency Stability Measurement

4.6.1 Limits of Frequency Stability Measurement

The frequency of the carrier signal shall be maintained within band of operation

4.6.2 Test Setup



4.6.3 Test Instruments

Refer to section 4.1.2 to get information of above instrument.

4.6.4 Test Procedure

a. The EUT was placed inside the environmental test chamber and powered by nominal DC voltage.
b. Turn the EUT on and couple its output to a spectrum analyzer.
c. Turn the EUT off and set the chamber to the highest temperature specified.
d. Allow sufficient time (approximately 30 min) for the temperature of the chamber to stabilize, turn the EUT on and measure the operating frequency after 2, 5, and 10 Minutes.
e. Repeat step (d) with the temperature chamber set to the next desired temperature until measurements down to the lowest specified temperature have been completed.
f. The test chamber was allowed to stabilize at +20 degree C for a minimum of 30 Minutes. The supply voltage was then adjusted on the EUT from 85% to 115% and the frequency record.

4.6.5 Deviation from Test Standard

No deviation.

4.6.6 EUT Operating Condition

Set the EUT transmit at un-modulation mode to test frequency stability.

4.6.7 Test Results

Frequency Stability Versus Temp.									
Operating Frequency: 5180 MHz									
TEMP. (℃)	Power Supply (Vdc)	0 Minute		2 Minutes		5 Minutes		10 Minutes	
		Measured Frequency (MHz)	Pass/Fail	Measured Frequency (MHz)	Pass/Fail	Measured Frequency (MHz)	Pass/Fail	Measured Frequency (MHz)	Pass/Fail
60	3.3	5179.9947	Pass	5179.9947	Pass	5179.996	Pass	5179.9965	Pass
50	3.3	5180.0045	Pass	5180.0052	Pass	5180.003	Pass	5180.0044	Pass
40	3.3	5179.9852	Pass	5179.9815	Pass	5179.9835	Pass	5179.9856	Pass
30	3.3	5179.9963	Pass	5179.9958	Pass	5180.0008	Pass	5179.9989	Pass
20	3.3	5180.0173	Pass	5180.0165	Pass	5180.0129	Pass	5180.0144	Pass
10	3.3	5180.0188	Pass	5180.0207	Pass	5180.0221	Pass	5180.0221	Pass
0	3.3	5180.0081	Pass	5180.0095	Pass	5180.0086	Pass	5180.0078	Pass
-10	3.3	5179.9896	Pass	5179.99	Pass	5179.9906	Pass	5179.9915	Pass

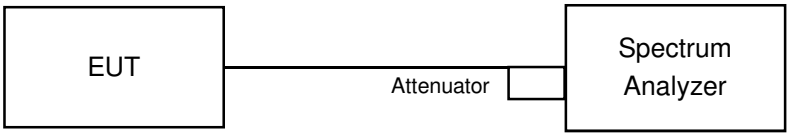
Frequency Stability Versus Voltage									
Operating Frequency: 5180 MHz									
TEMP. (℃)	Power Supply (Vdc)	0 Minute		2 Minutes		5 Minutes		10 Minutes	
		Measured Frequency (MHz)	Pass/Fail	Measured Frequency (MHz)	Pass/Fail	Measured Frequency (MHz)	Pass/Fail	Measured Frequency (MHz)	Pass/Fail
20	3.795	5180.0172	Pass	5180.0167	Pass	5180.0137	Pass	5180.0135	Pass
	3.3	5180.0173	Pass	5180.0165	Pass	5180.0129	Pass	5180.0144	Pass
	2.805	5180.0166	Pass	5180.0156	Pass	5180.0132	Pass	5180.0154	Pass

4.7 6dB Bandwidth Measurement

4.7.1 Limits of 6dB Bandwidth Measurement

The minimum of 6dB Bandwidth Measurement is 0.5MHz.

4.7.2 Test Setup



4.7.3 Test Instruments

Refer to section 4.1.2 to get information of above instrument.

4.7.4 Test Procedure

MEASUREMENT PROCEDURE REF

a. Set resolution bandwidth (RBW) = 100kHz
b. Set the video bandwidth (VBW) ≥ 3 x RBW, Detector = Peak.
c. Trace mode = max hold.
d. Sweep = auto couple.
   Measure the maximum width of the emission that is constrained by the frequencies associated with the two amplitude points (upper and lower) that are attenuated by 6 dB relative to the maximum level measured in the fundamental emission.In order to obtain results more easily, change max hold to view. It has no effect on the result In order to obtain results more easily, change max hold to view as following. It has no effect on the result.

4.7.5 Deviation from Test Standard

No deviation.

4.7.6 EUT Operating Condition

The software provided by client to enable the EUT under transmission condition continuously at lowest, middle and highest channel frequencies individually.

4.7.7 Test Results (Mode 1)

802.11ac (VHT20)

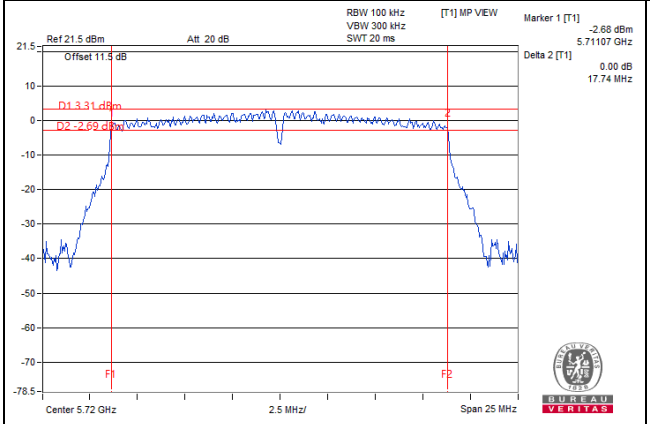
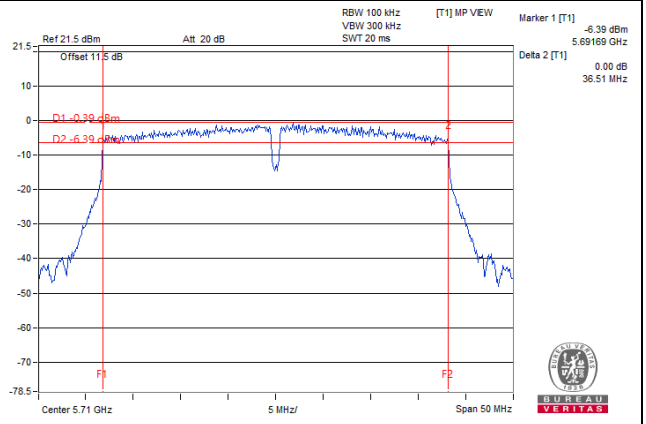
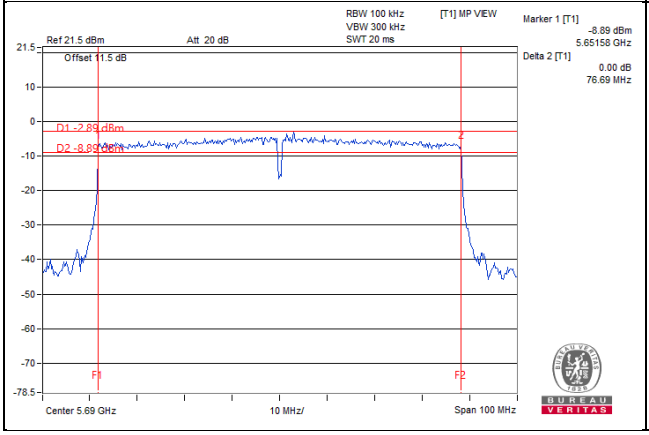
Channel	Frequency (MHz)	6dB Bandwidth (MHz)		Pass / Fail
		Chain 0	Chain 1	
144 (U-NII-3 Band)	5720	3.81	3.81	Pass
149	5745	17.76	17.73	Pass
157	5785	17.75	17.75	Pass
165	5825	17.7	17.77	Pass

802.11ac (VHT40)

Channel	Frequency (MHz)	6dB Bandwidth (MHz)		Pass / Fail
		Chain 0	Chain 1	
142 (U-NII-3 Band)	5710	3.2	3.21	Pass
151	5755	36.49	36.51	Pass
159	5795	36.53	36.53	Pass

802.11ac (VHT80)

Channel	Frequency (MHz)	6dB Bandwidth (MHz)		Pass / Fail
		Chain 0	Chain 1	
138 (U-NII-3 Band)	5690	3.27	3.3	Pass
155	5775	76.84	76.82	Pass

Spectrum Plot of Worst Value	
802.11ac (VHT20)_Chain 0 / CH144 (U-NII-3 Band)	**802.11ac (VHT40)_Chain 0 / CH142 (U-NII-3 Band)**
	
802.11ac (VHT80)_Chain 0 / CH138 (U-NII-3 Band)	
	

Note: The 6dB bandwidth above 5725MHz = Marker 1 + Delta 2 - 5725MHz

4.7.8 Test Results (Mode 2)

802.11a

Channel	Frequency (MHz)	6dB Bandwidth (MHz)	Pass / Fail
144 (U-NII-3 Band)	5720	3.16	Pass
149	5745	16.42	Pass
157	5785	16.37	Pass
165	5825	16.41	Pass

802.11ac (VHT20)

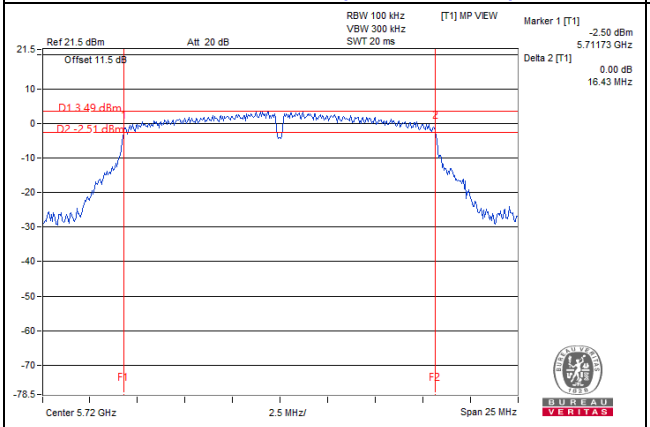
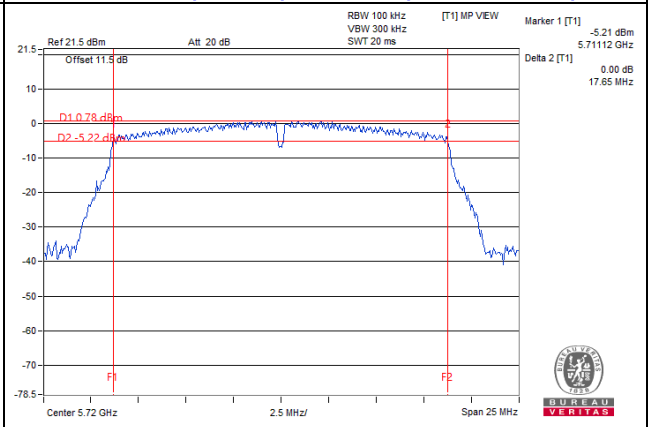
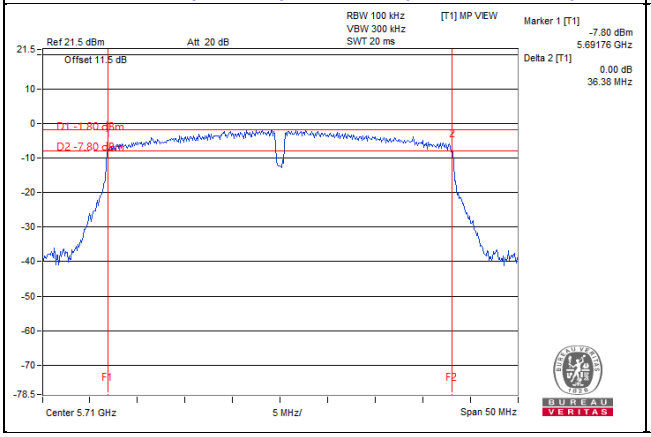
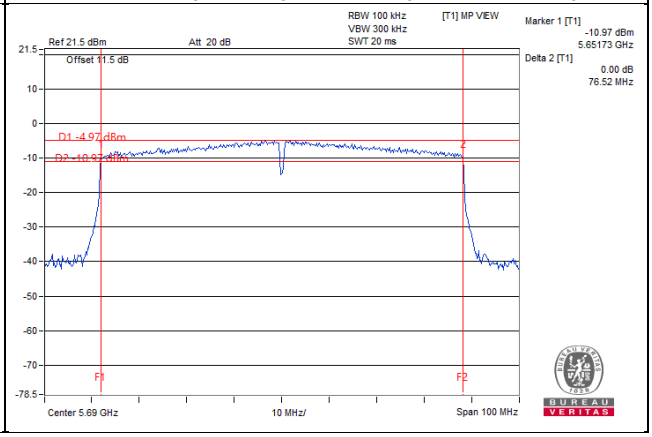
Channel	Frequency (MHz)	6dB Bandwidth (MHz)	Pass / Fail
144 (U-NII-3 Band)	5720	3.77	Pass
149	5745	17.63	Pass
157	5785	17.63	Pass
165	5825	17.63	Pass

802.11ac (VHT40)

Channel	Frequency (MHz)	6dB Bandwidth (MHz)	Pass / Fail
142 (U-NII-3 Band)	5710	3.14	Pass
151	5755	36.4	Pass
159	5795	36.38	Pass

802.11ac (VHT80)

Channel	Frequency (MHz)	6dB Bandwidth (MHz)	Pass / Fail
138 (U-NII-3 Band)	5690	3.25	Pass
155	5775	76.58	Pass

Spectrum Plot of Worst Value	
802.11a / CH144 (U-NII-3 Band)	**802.11ac (VHT20) / CH144 (U-NII-3 Band)**
	
802.11ac (VHT40) / CH142 (U-NII-3 Band)	**802.11ac (VHT80) / CH138 (U-NII-3 Band)**
	

Note: The 6dB bandwidth above 5725MHz = Marker 1 + Delta 2 - 5725MHz

5 Pictures of Test Arrangements

Please refer to the attached file (Test Setup Photo).

Appendix – Information of the Testing Laboratories

We, Bureau Veritas Consumer Products Services (H.K.) Ltd., Taoyuan Branch, were founded in 1988 to provide our best service in EMC, Radio, Telecom and Safety consultation. Our laboratories are FCC recognized accredited test firms and accredited according to ISO/IEC 17025.

If you have any comments, please feel free to contact us at the following:

Lin Kou EMC/RF Lab
Tel: 886-2-26052180
Fax: 886-2-26051924

Hsin Chu EMC/RF/Telecom Lab
Tel: 886-3-6668565
Fax: 886-3-6668323

Hwa Ya EMC/RF/Safety Lab
Tel: 886-3-3183232
Fax: 886-3-3270892

Email: service.adt@tw.bureauveritas.com
Web Site: www.bureauveritas-adt.com

The address and road map of all our labs can be found in our web site also.

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