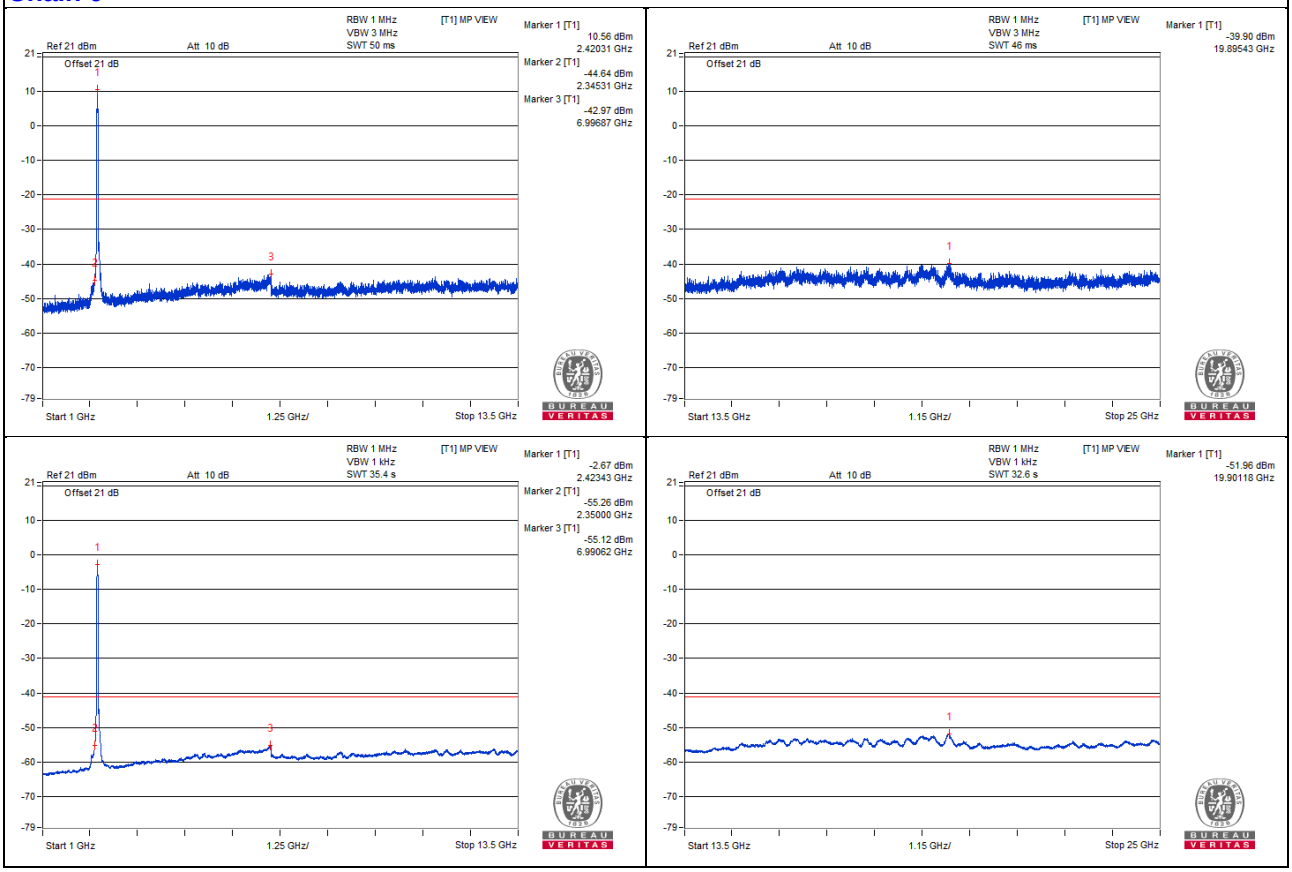
802.11ax (HE40) - Channel 3

Conducted spurious emission table

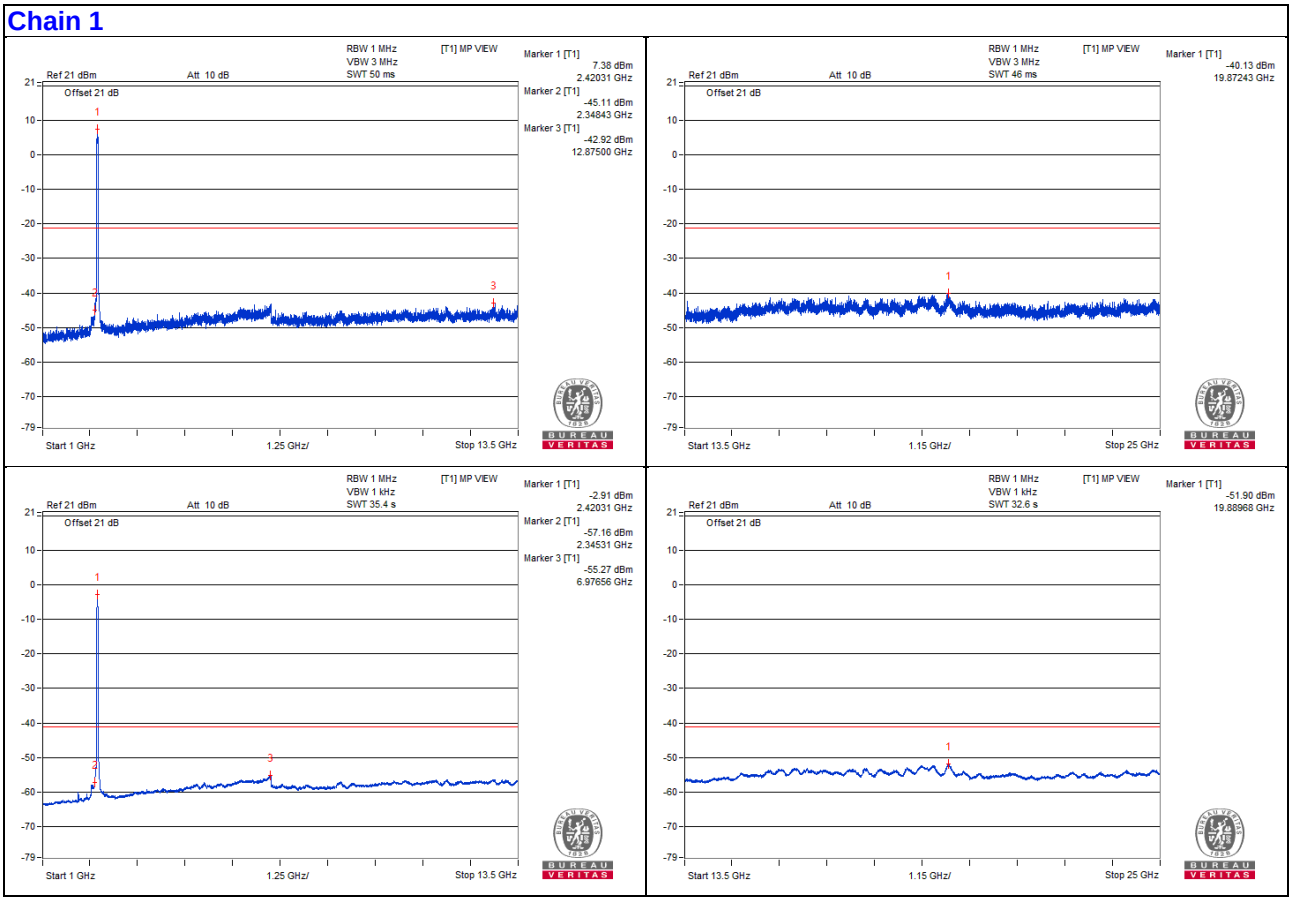
No.	Frequency (MHz)	Emission Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Raw Value (dBm)		Correction Factor (dB)	EIRP Level (dBm)
					Chain 0	Chain 1		
1	4989.06	59.85 PK	74	-14.15	-47.32	-45.97	8.17	-35.41
2	4984.37	48.34 AV	54	-5.66	-57.86	-58.36	8.17	-46.92
3	7273.43	60.04 PK	74	-13.96	-47.18	-45.74	8.17	-35.22
4	7281.25	48.51 AV	54	-5.49	-58.01	-57.86	8.17	-46.75

Remarks:
1. Margin value = Emission Level – Limit value
2. The other emission levels were very low against the limit.

Chain 0



Chain 1

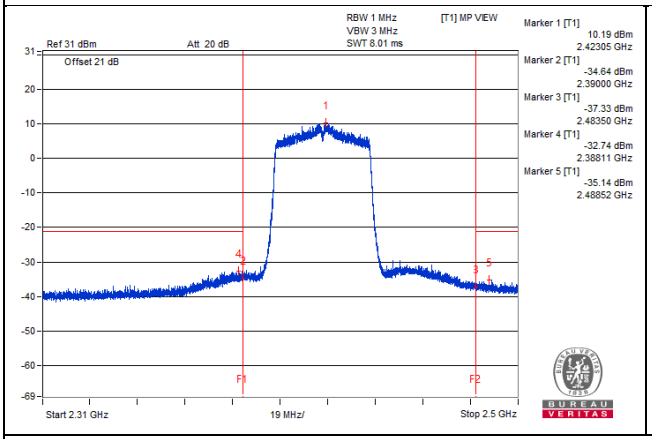


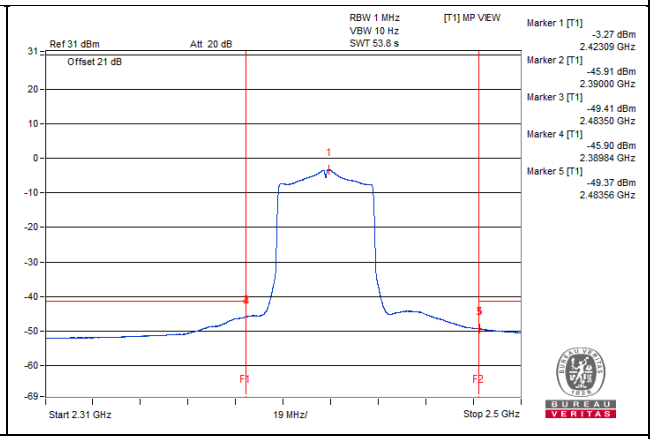
Bandedge table

No.	Frequency (MHz)	Emission Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Raw Value (dBm)		Correction Factor (dB)	EIRP Level (dBm)
					Chain 0	Chain 1		
1	2385.88	70.72 PK	74	-3.28	-32.93	-35.69	6.54	-24.54
2	2389.99	57.18 AV	54	! 3.18	-45.91	-50.54	6.54	-38.08
3	2484.44	68.06 PK	74	-5.94	-36.39	-37.14	6.54	-27.20
4	2483.85	54.56 AV	54	! 0.56	-49.38	-51.33	6.54	-40.70

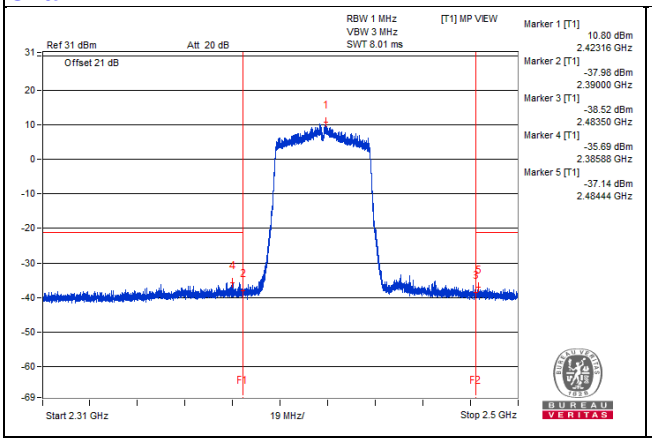
Remarks:
1. Margin value = Emission Level – Limit value
2. The other emission levels were very low against the limit.
3. " ! " : The unwanted emission was verified and the test result was passed by radiated measurement. (Please refer Appendix B)

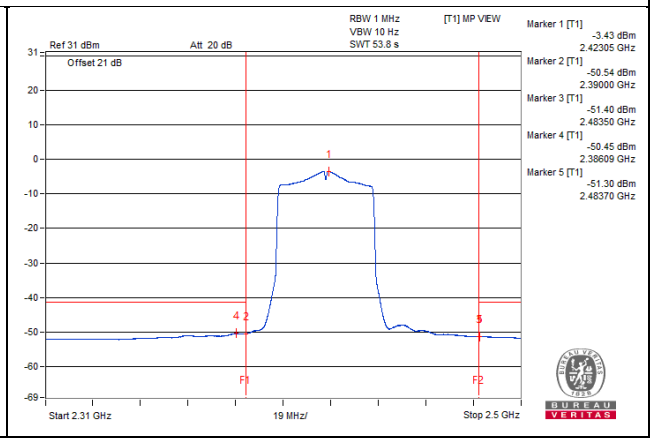
Chain 0





Chain 1





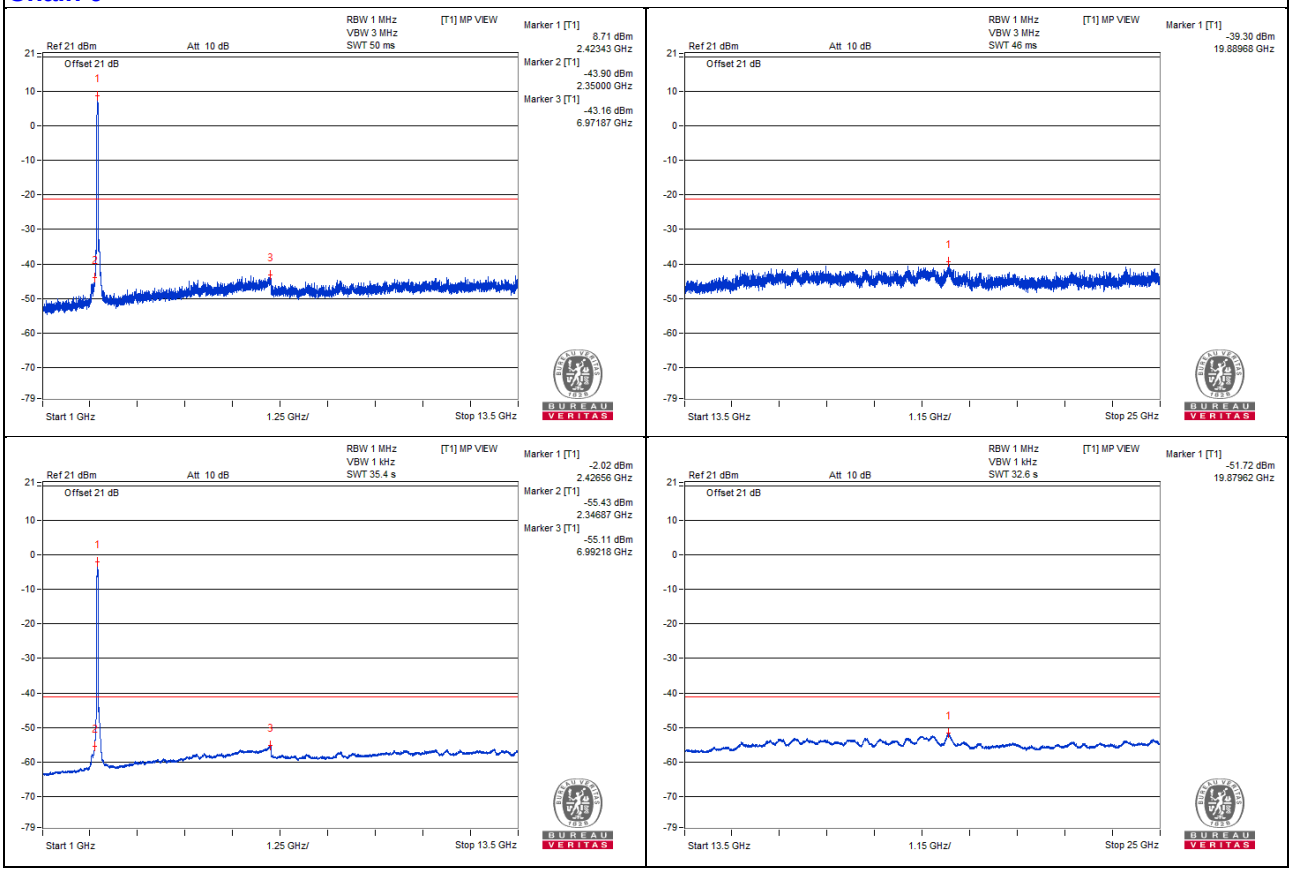
802.11ax (HE40) - Channel 4

Conducted spurious emission table

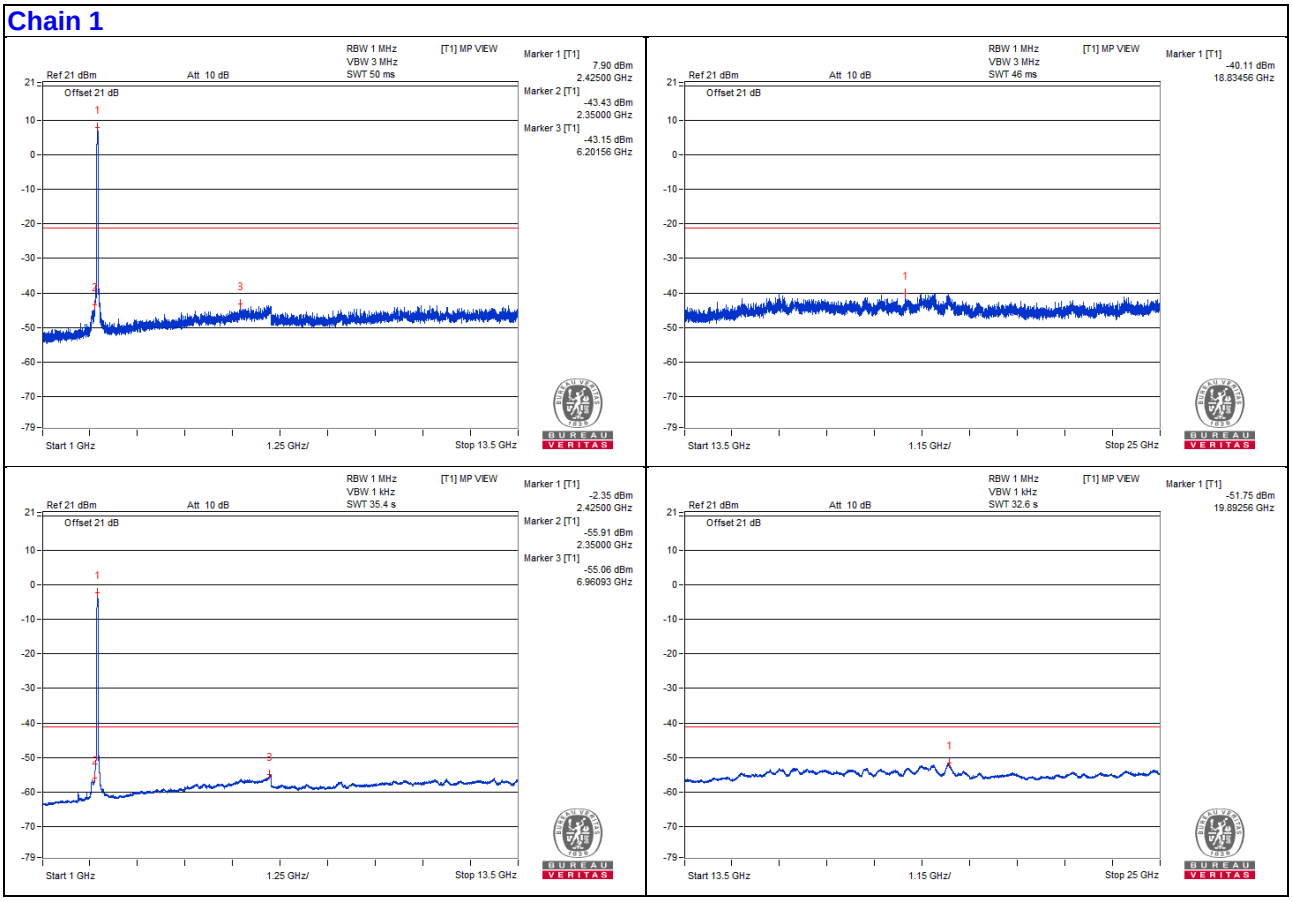
No.	Frequency (MHz)	Emission Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Raw Value (dBm)		Correction Factor (dB)	EIRP Level (dBm)
					Chain 0	Chain 1		
1	4842.18	60.27 PK	74	-13.73	-45.1	-47.6	8.17	-34.99
2	4995.31	48.35 AV	54	-5.65	-58.09	-58.1	8.17	-46.91
3	7375	59.87 PK	74	-14.13	-47.48	-45.82	8.17	-35.39
4	7298.43	48.42 AV	54	-5.58	-58.14	-57.9	8.17	-46.84

Remarks:
1. Margin value = Emission Level – Limit value
2. The other emission levels were very low against the limit.

Chain 0



Chain 1

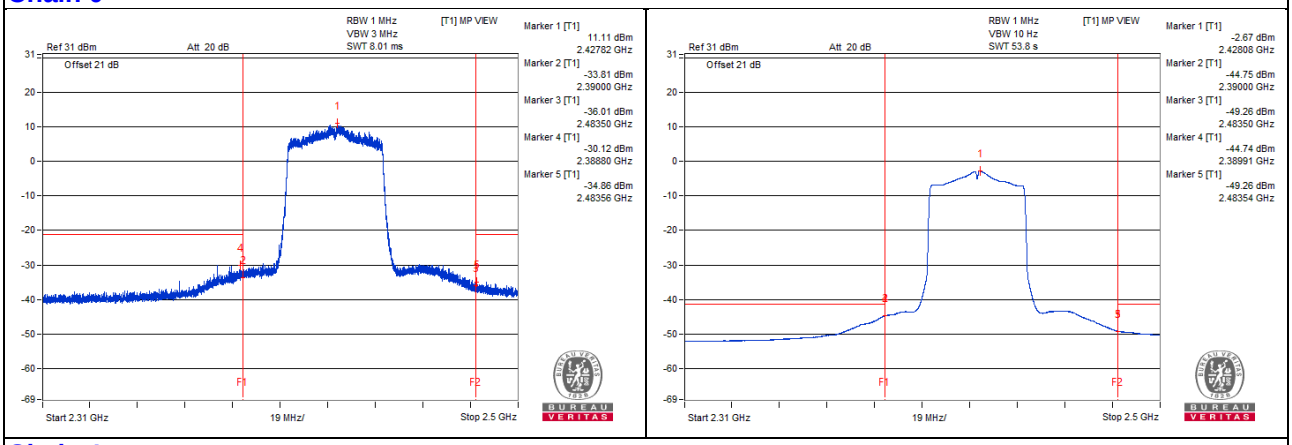


Bandedge table

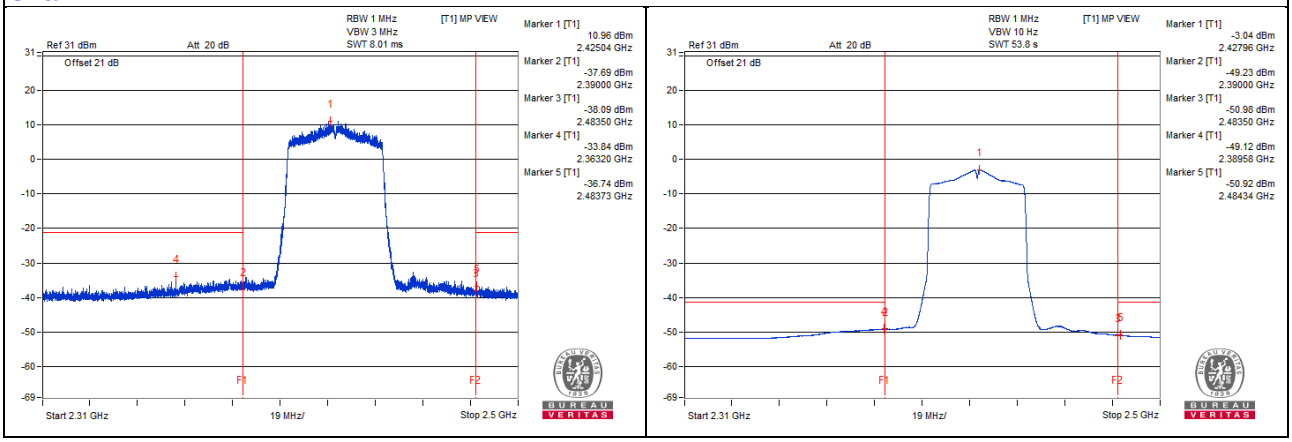
No.	Frequency (MHz)	Emission Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Raw Value (dBm)		Correction Factor (dB)	EIRP Level (dBm)
					Chain 0	Chain 1		
1	2388.8	72.5 PK	74	-1.5	-30.12	-36.93	6.54	-22.76
2	2389.91	58.39 AV	54	! 4.39	-44.74	-49.2	6.54	-36.87
3	2487.55	68.73 PK	74	-5.27	-34.96	-37.59	6.54	-26.53
4	2483.54	54.77 AV	54	! 0.77	-49.26	-50.98	6.54	-40.49

Remarks:
1. Margin value = Emission Level – Limit value
2. The other emission levels were very low against the limit.
3. " ! " : The unwanted emission was verified and the test result was passed by radiated measurement. (Please refer Appendix B)

Chain 0



Chain 1



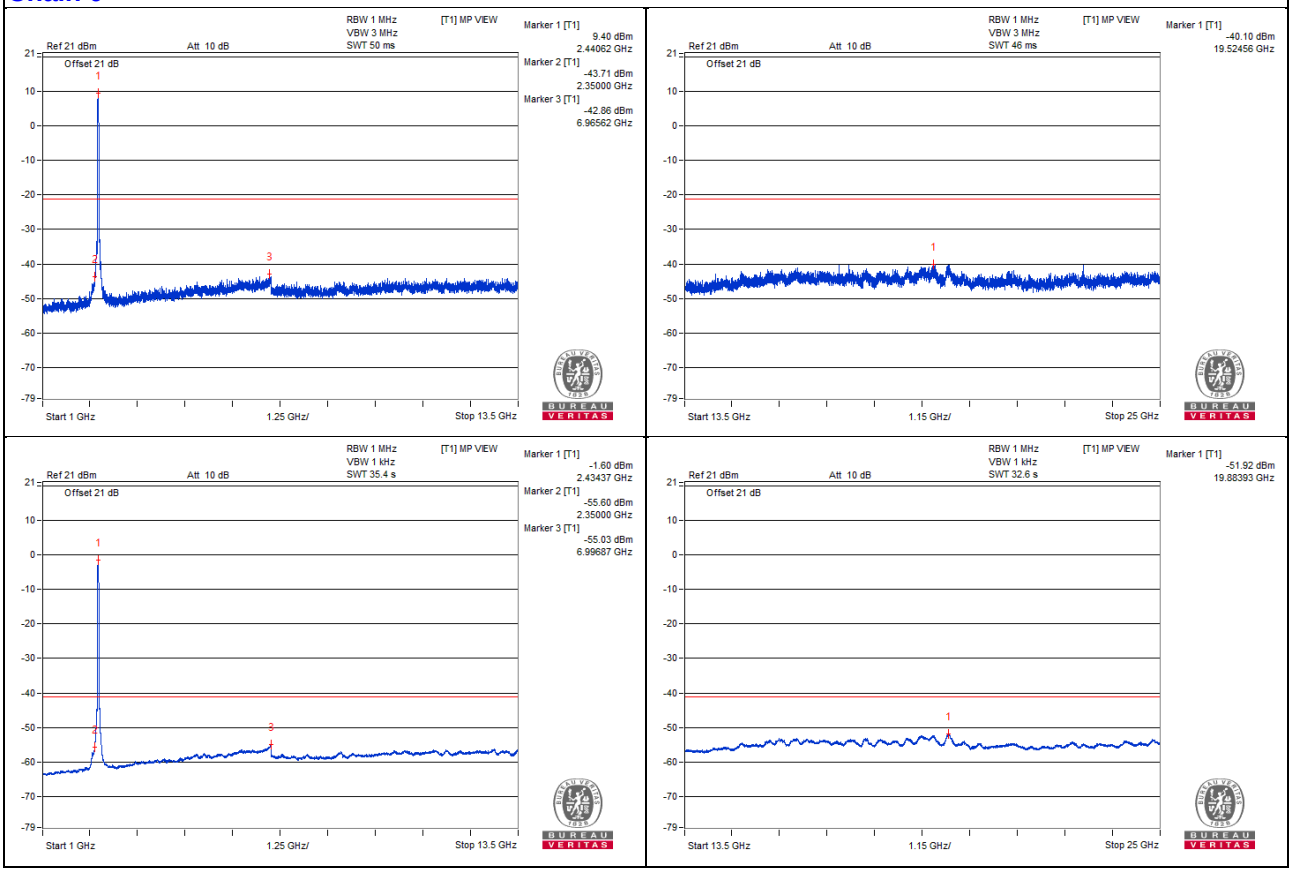
802.11ax (HE40) - Channel 6

Conducted spurious emission table

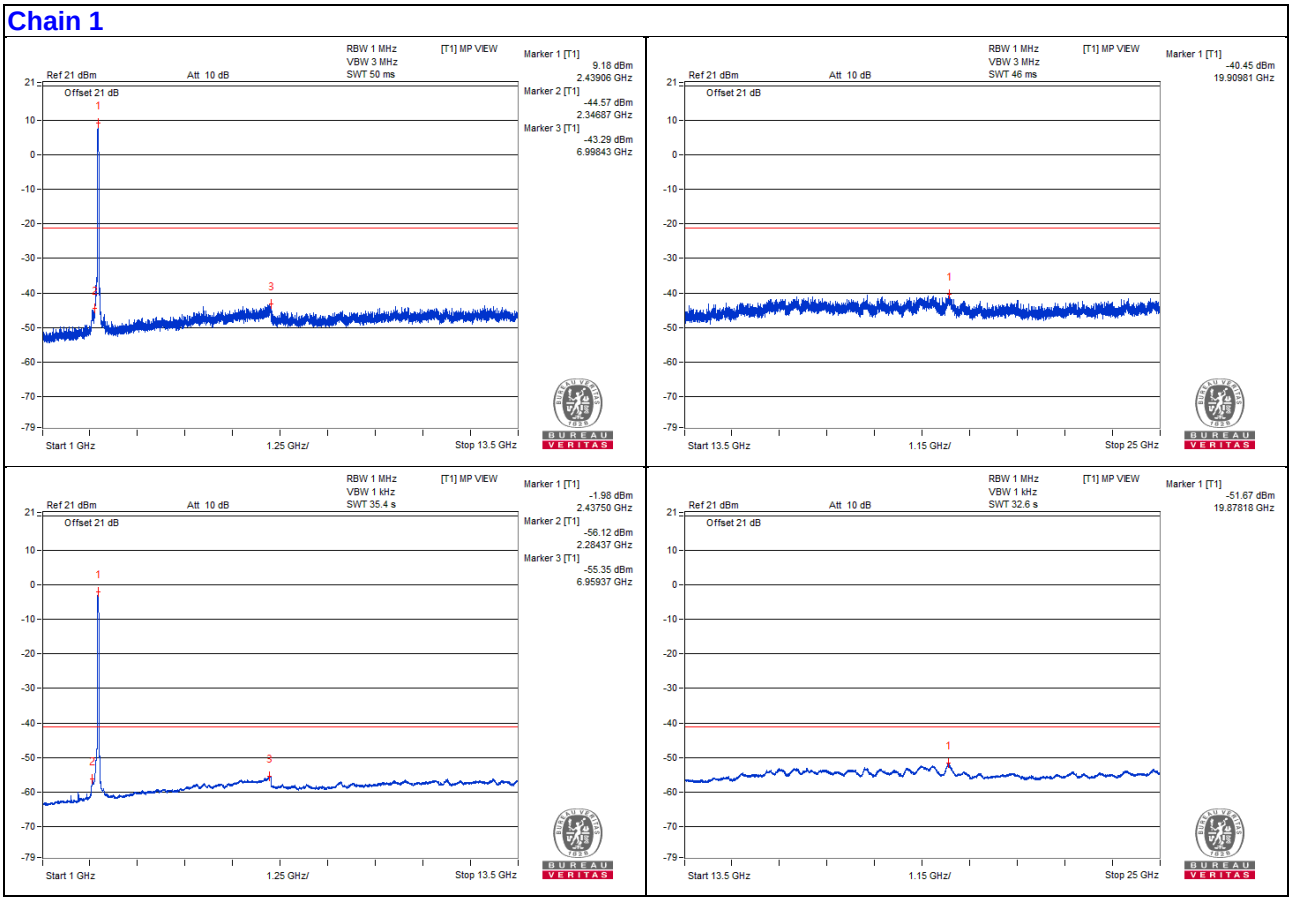
No.	Frequency (MHz)	Emission Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Raw Value (dBm)		Correction Factor (dB)	EIRP Level (dBm)
					Chain 0	Chain 1		
1	4984.37	59.93 PK	74	-14.07	-46.17	-46.89	8.17	-35.33
2	5000	48.27 AV	54	-5.73	-58.15	-58.19	8.17	-46.99
3	7276.56	60.41 PK	74	-13.59	-46.77	-45.4	8.17	-34.85
4	7303.12	48.43 AV	54	-5.57	-57.85	-58.17	8.17	-46.83

Remarks:
1. Margin value = Emission Level – Limit value
2. The other emission levels were very low against the limit.

Chain 0



Chain 1

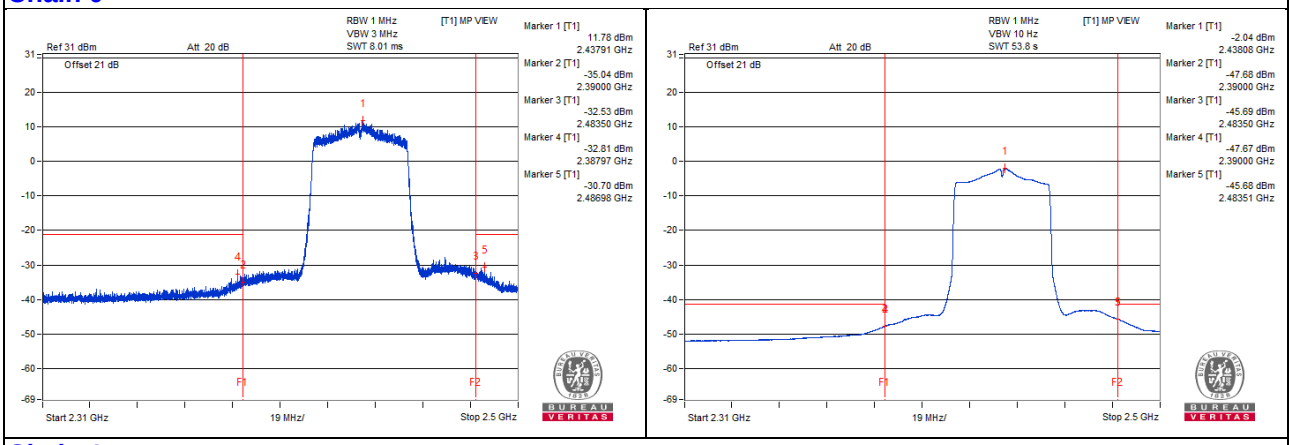


Bandedge table

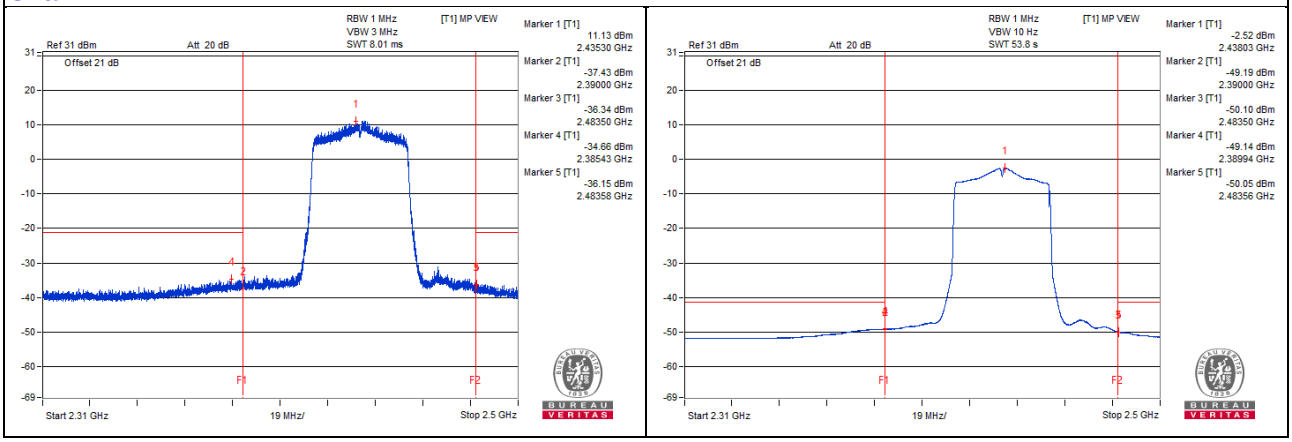
No.	Frequency (MHz)	Emission Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Raw Value (dBm)		Correction Factor (dB)	EIRP Level (dBm)
					Chain 0	Chain 1		
1	2387.97	70.35 PK	74	-3.65	-32.81	-37.15	6.54	-24.91
2	2389.91	56.45 AV	54	! 2.45	-47.7	-49.14	6.54	-38.81
3	2486.98	71.77 PK	74	-2.23	-30.7	-38.49	6.54	-23.49
4	2483.54	57.47 AV	54	! 3.47	-45.68	-50.05	6.54	-37.79

Remarks:
1. Margin value = Emission Level – Limit value
2. The other emission levels were very low against the limit.
3. " ! " : The unwanted emission was verified and the test result was passed by radiated measurement. (Please refer Appendix B)

Chain 0



Chain 1



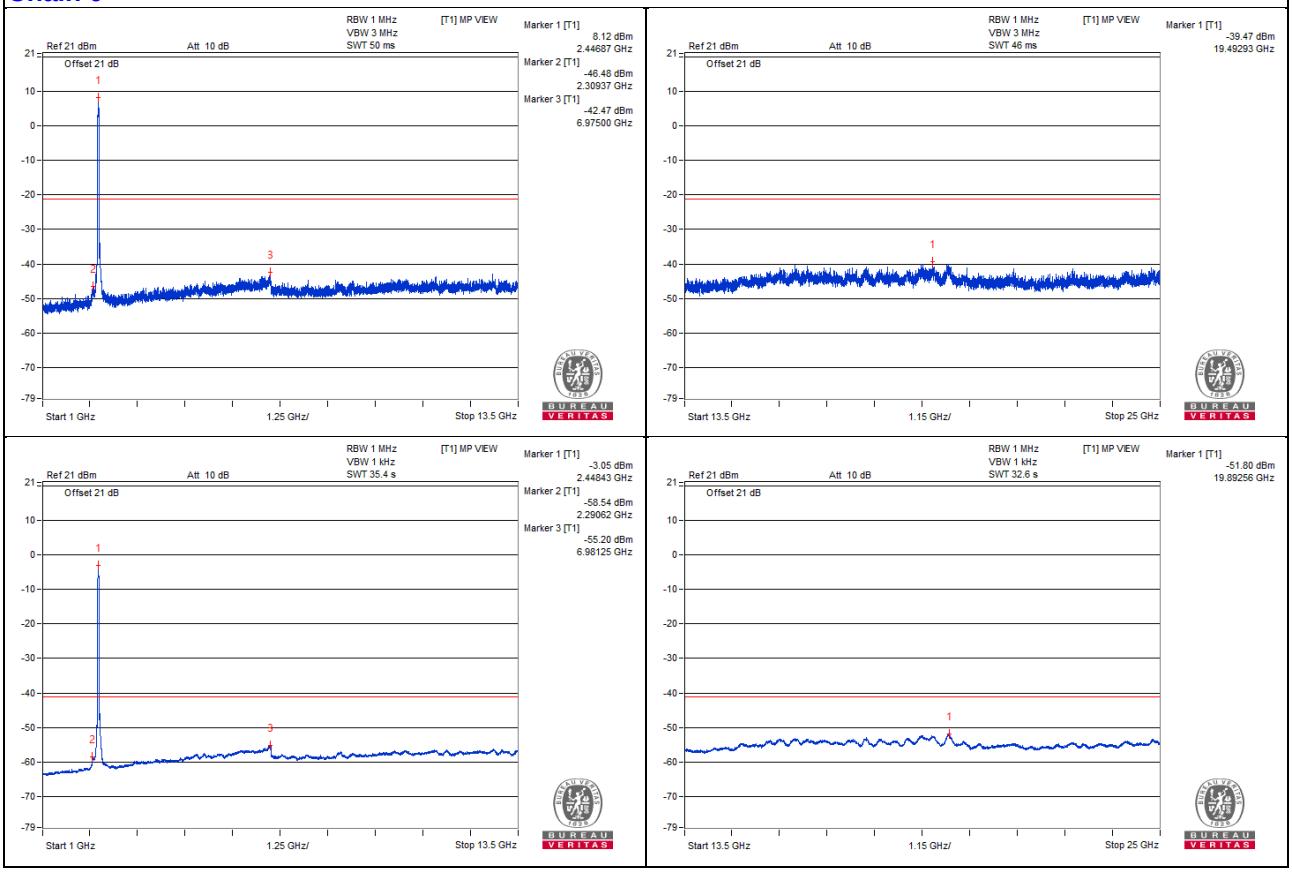
802.11ax (HE40) - Channel 8

Conducted spurious emission table

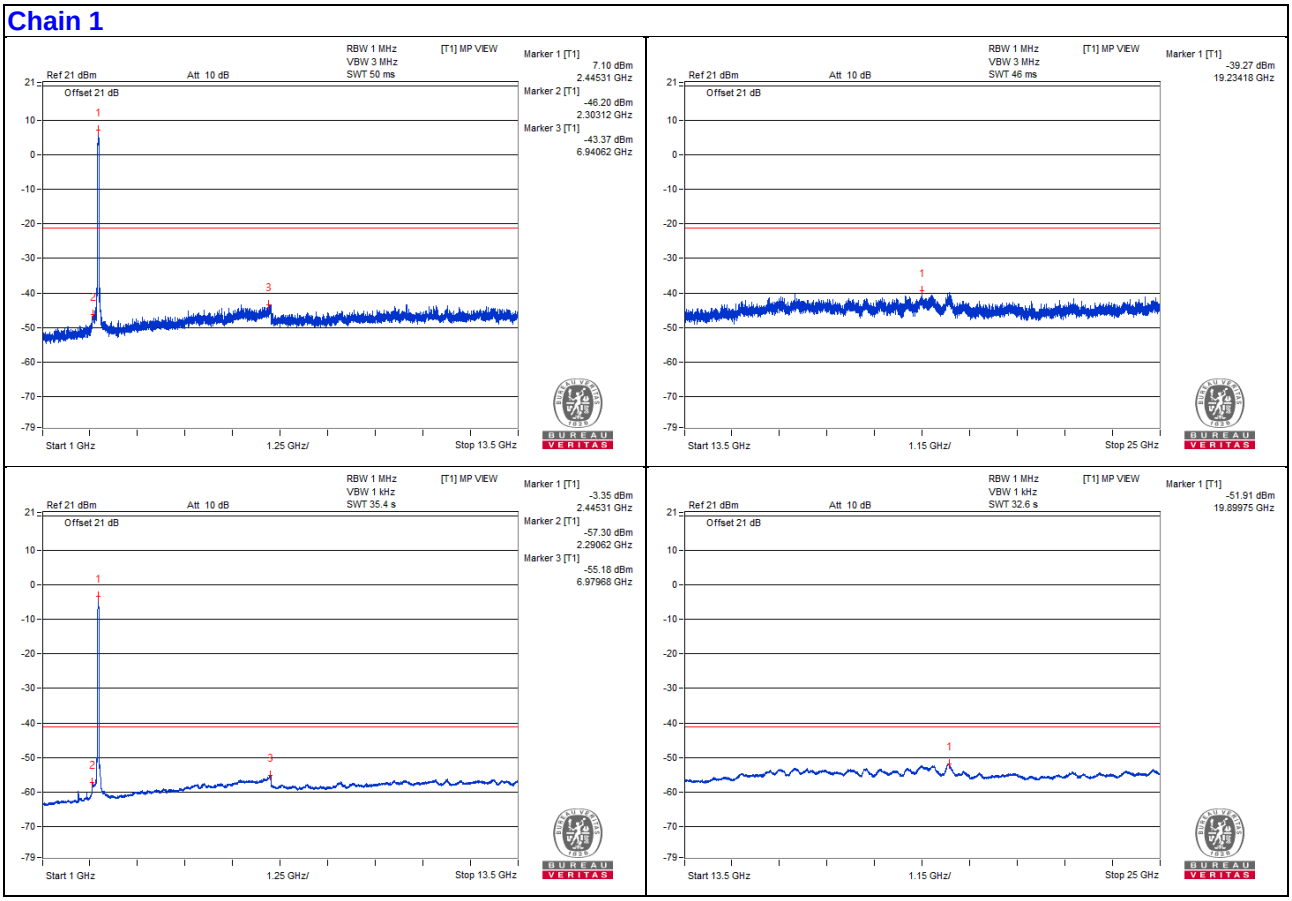
No.	Frequency (MHz)	Emission Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Raw Value (dBm)		Correction Factor (dB)	EIRP Level (dBm)
					Chain 0	Chain 1		
1	4810.93	59.73 PK	74	-14.27	-49.26	-45.12	8.17	-35.53
2	4987.5	48.36 AV	54	-5.64	-58.07	-58.1	8.17	-46.90
3	7456.25	60.16 PK	74	-13.84	-45.62	-47.06	8.17	-35.10
4	7279.68	48.45 AV	54	-5.55	-57.82	-58.17	8.17	-46.81

Remarks:
1. Margin value = Emission Level – Limit value
2. The other emission levels were very low against the limit.

Chain 0



Chain 1

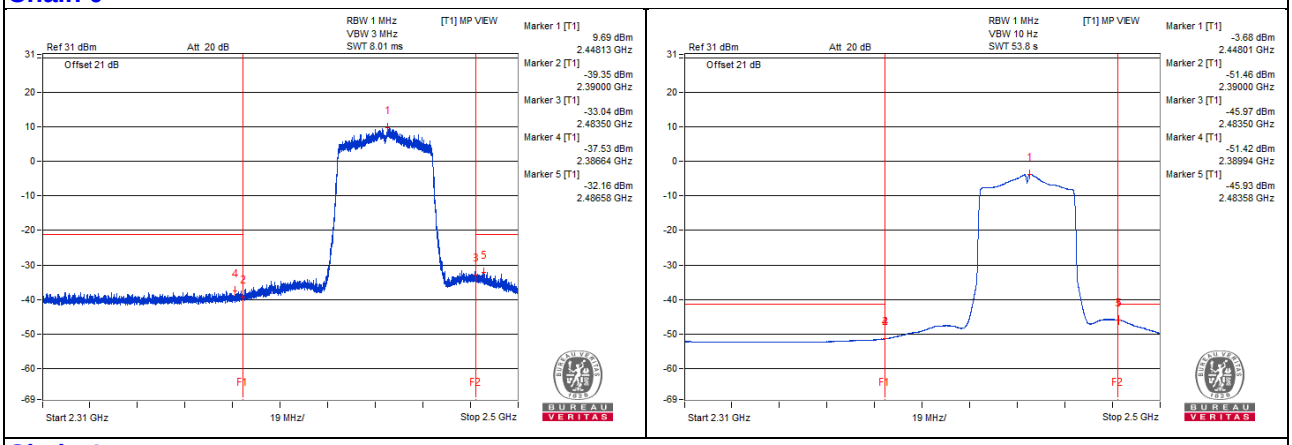


Bandedge table

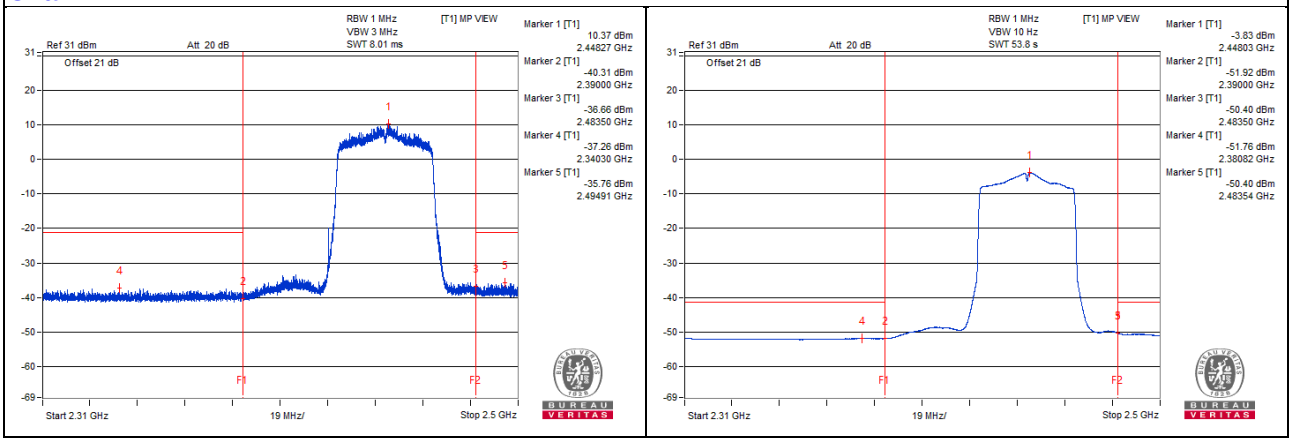
No.	Frequency (MHz)	Emission Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Raw Value (dBm)		Correction Factor (dB)	EIRP Level (dBm)
					Chain 0	Chain 1		
1	2383.31	67.17 PK	74	-6.83	-37.63	-37.66	6.54	-28.09
2	2389.94	53.15 AV	54	-0.85	-51.42	-51.92	6.54	-42.11
3	2493.54	70.76 PK	74	-3.24	-32.66	-36.12	6.54	-24.50
4	2483.56	57.19 AV	54	! 3.19	-45.93	-50.43	6.54	-38.07

Remarks:
1. Margin value = Emission Level – Limit value
2. The other emission levels were very low against the limit.
3. " ! " : The unwanted emission was verified and the test result was passed by radiated measurement. (Please refer Appendix B)

Chain 0



Chain 1



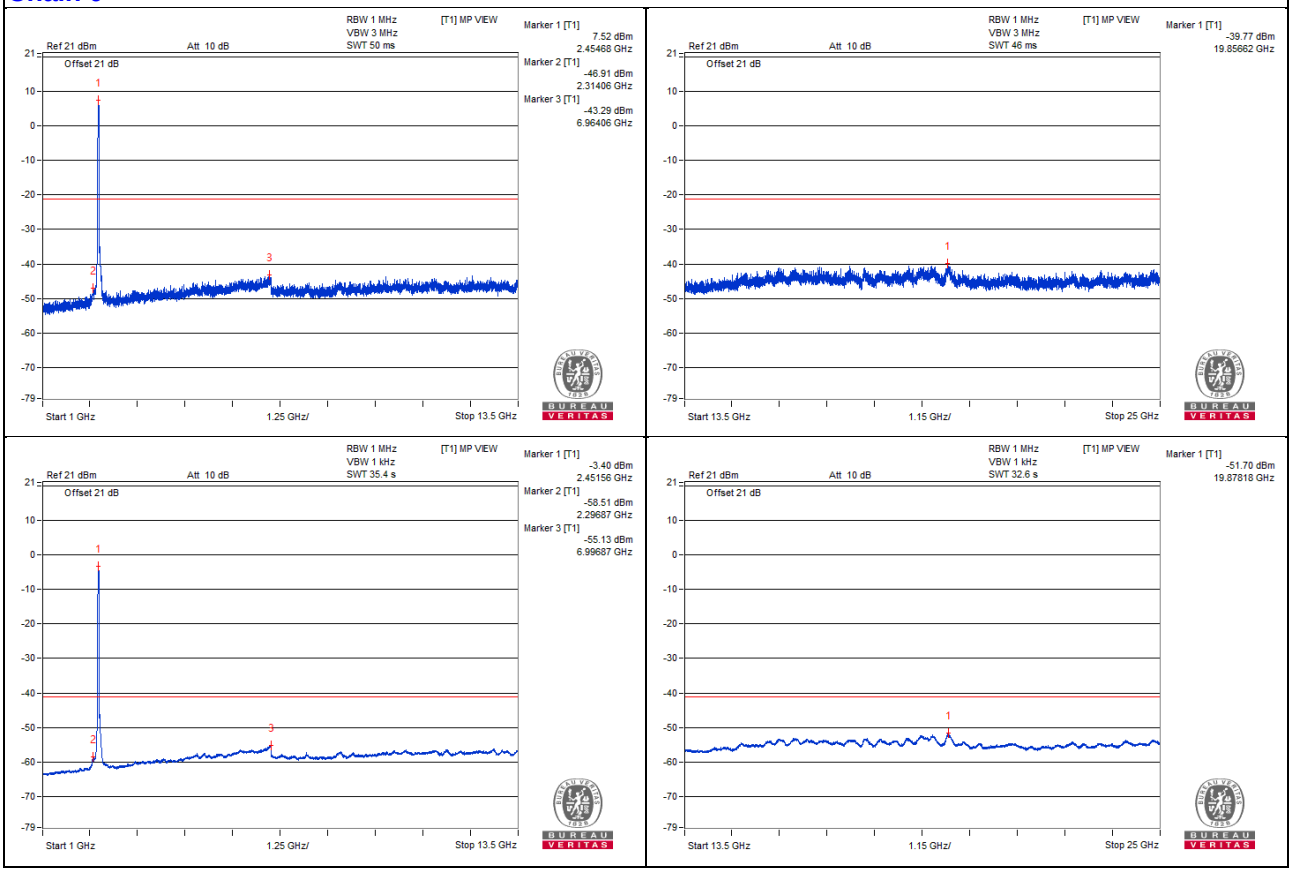
802.11ax (HE40) - Channel 9

Conducted spurious emission table

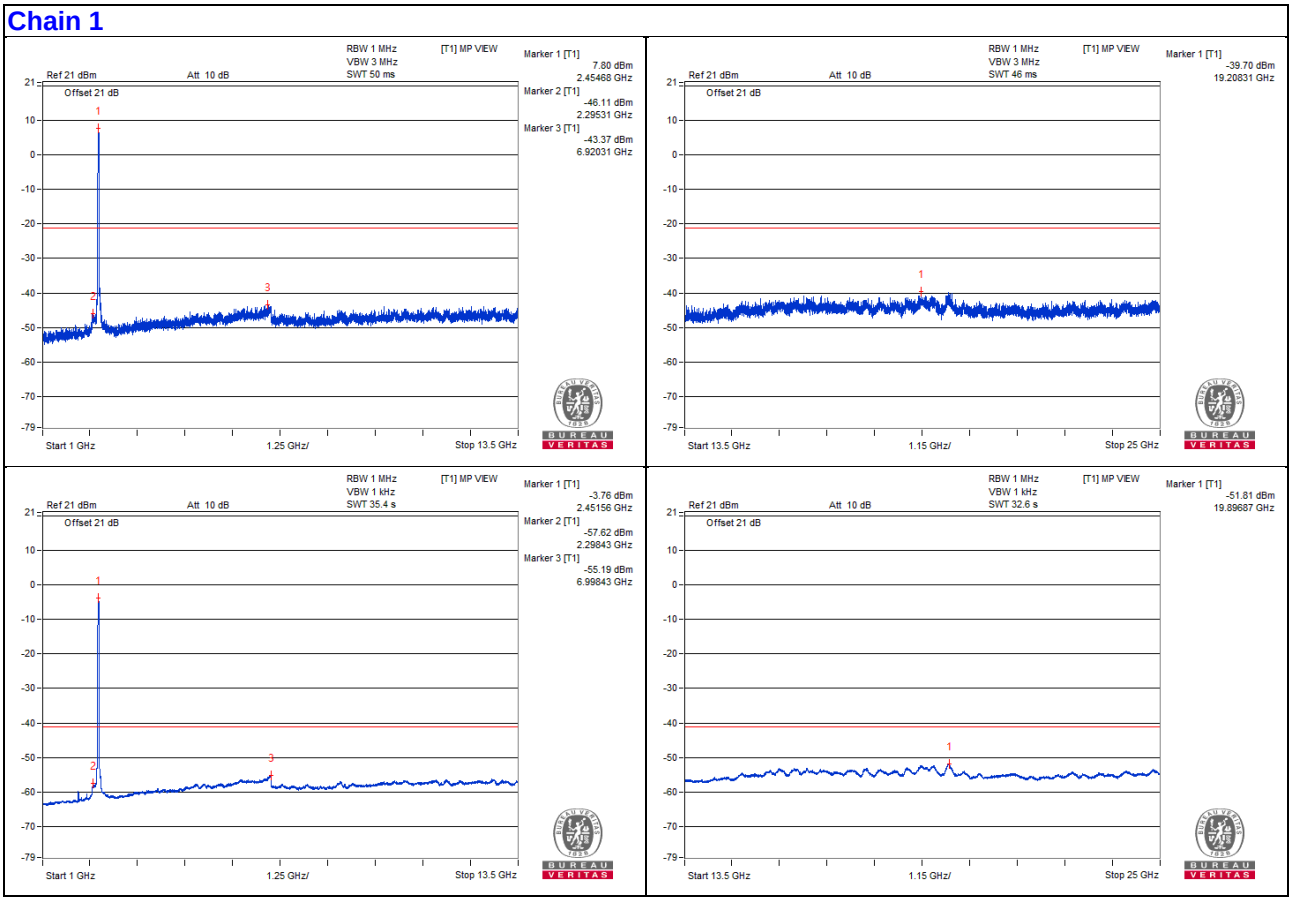
No.	Frequency (MHz)	Emission Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Raw Value (dBm)		Correction Factor (dB)	EIRP Level (dBm)
					Chain 0	Chain 1		
1	4929.68	60.34 PK	74	-13.66	-45.79	-46.43	8.17	-34.92
2	5000	48.47 AV	54	-5.53	-58.06	-57.89	8.17	-46.79
3	7296.87	59.97 PK	74	-14.03	-46.05	-46.93	8.17	-35.29
4	7295.31	48.54 AV	54	-5.46	-58.01	-57.8	8.17	-46.72

Remarks:
1. Margin value = Emission Level – Limit value
2. The other emission levels were very low against the limit.

Chain 0



Chain 1

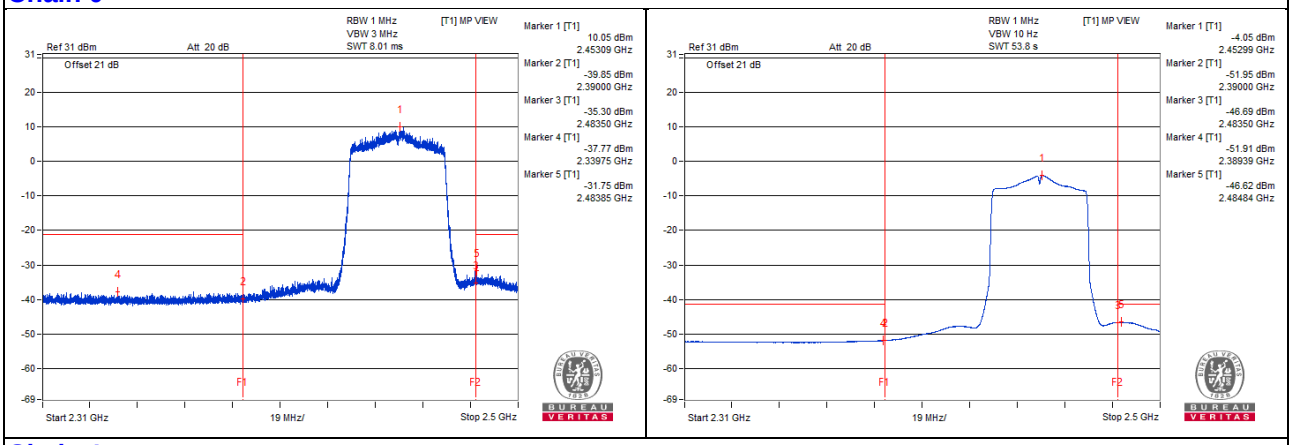


Bandedge table

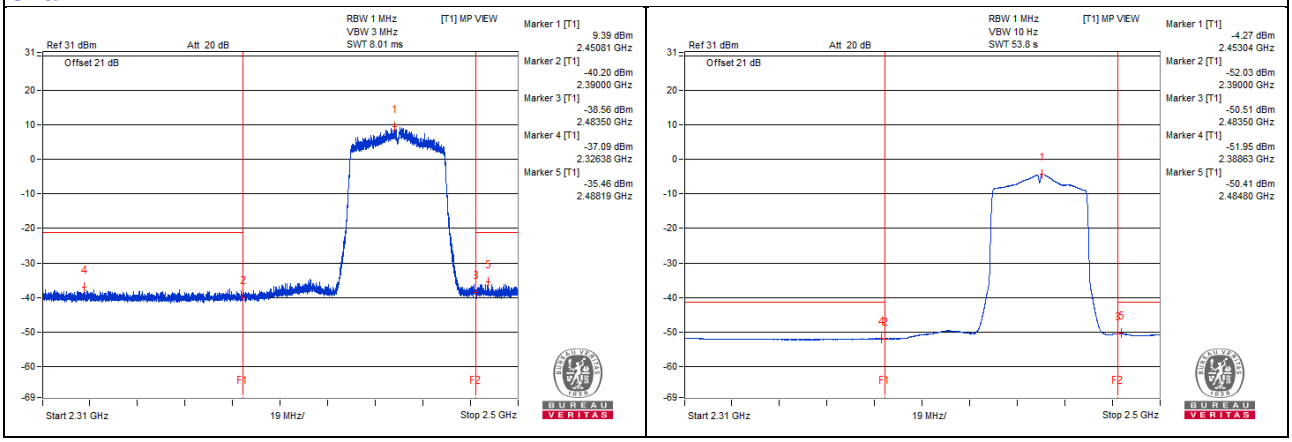
No.	Frequency (MHz)	Emission Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Raw Value (dBm)		Correction Factor (dB)	EIRP Level (dBm)
					Chain 0	Chain 1		
1	2326.38	66.41 PK	74	-7.59	-40.29	-37.09	6.54	-28.85
2	2389.37	52.87 AV	54	-1.13	-51.92	-51.97	6.54	-42.39
3	2483.85	71 PK	74	-3	-31.75	-37.89	6.54	-24.26
4	2484.82	56.68 AV	54	! 2.68	-46.64	-50.43	6.54	-38.58

Remarks:
1. Margin value = Emission Level – Limit value
2. The other emission levels were very low against the limit.
3. " ! " : The unwanted emission was verified and the test result was passed by radiated measurement. (Please refer Appendix B)

Chain 0



Chain 1



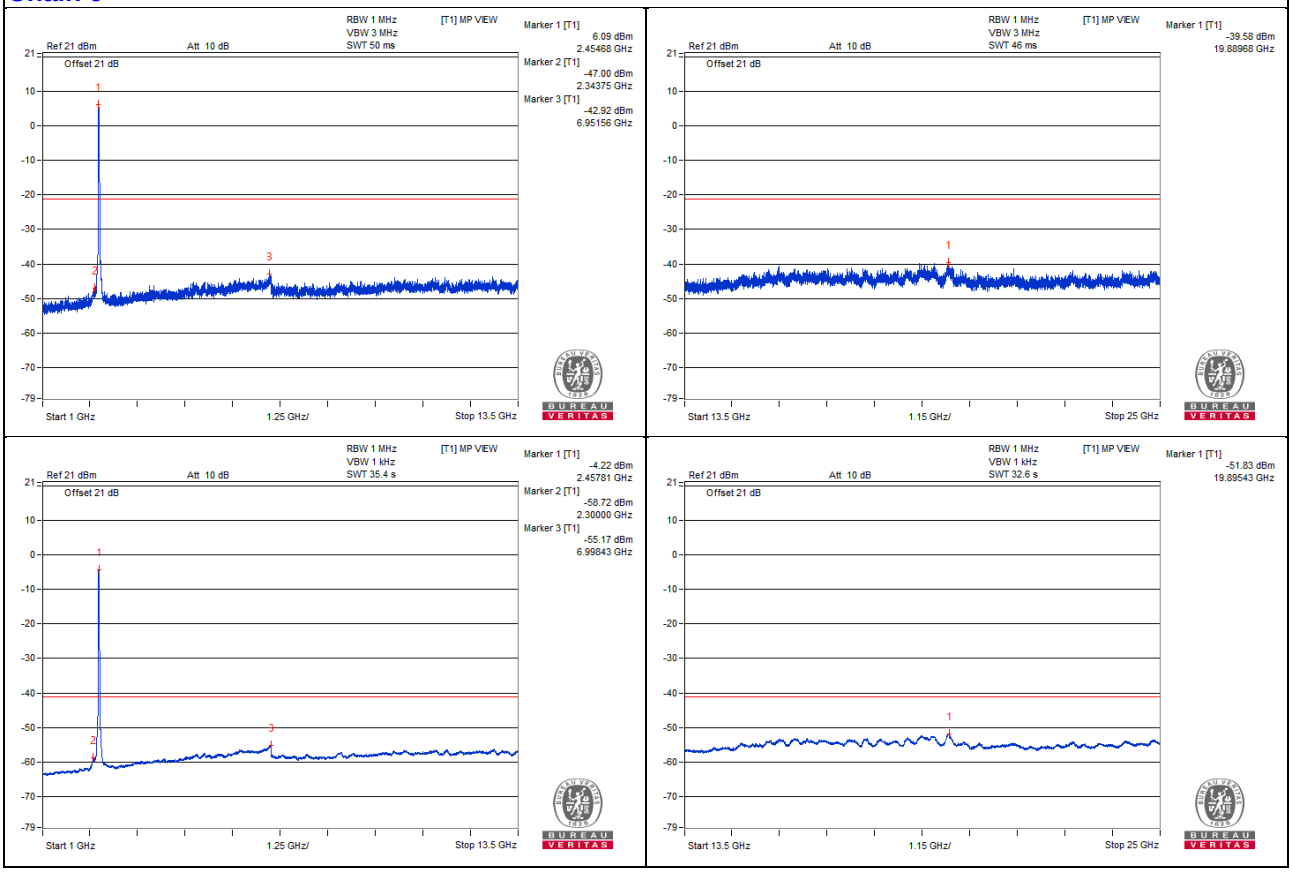
802.11ax (HE40) - Channel 10

Conducted spurious emission table

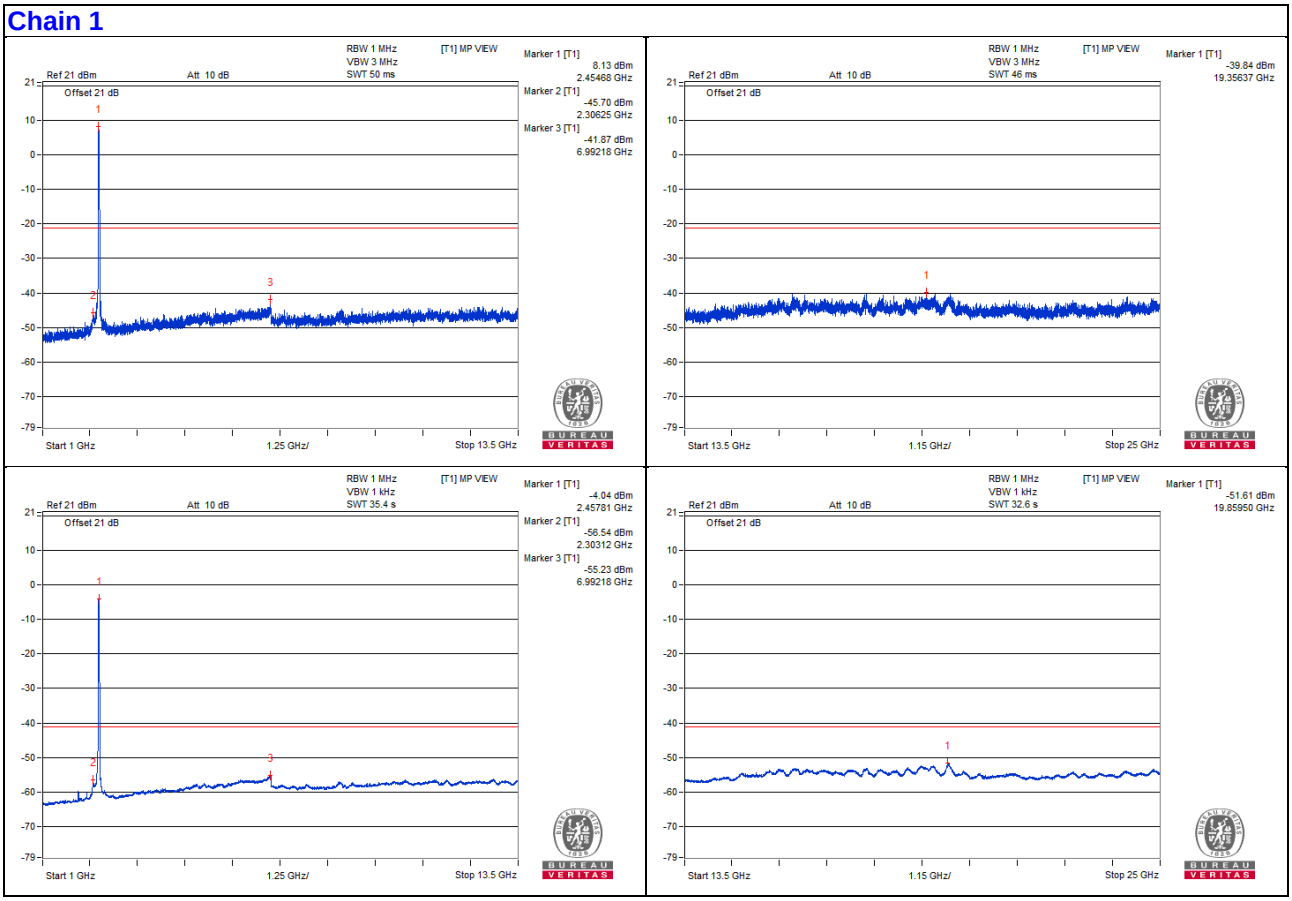
No.	Frequency (MHz)	Emission Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Raw Value (dBm)		Correction Factor (dB)	EIRP Level (dBm)
					Chain 0	Chain 1		
1	4892.18	60.16 PK	74	-13.84	-45.77	-46.85	8.17	-35.10
2	4985.93	48.3 AV	54	-5.7	-58.21	-58.08	8.17	-46.96
3	7350	60.01 PK	74	-13.99	-48.5	-45.03	8.17	-35.25
4	7298.43	48.44 AV	54	-5.56	-57.98	-58.03	8.17	-46.82

Remarks:
1. Margin value = Emission Level – Limit value
2. The other emission levels were very low against the limit.

Chain 0



Chain 1

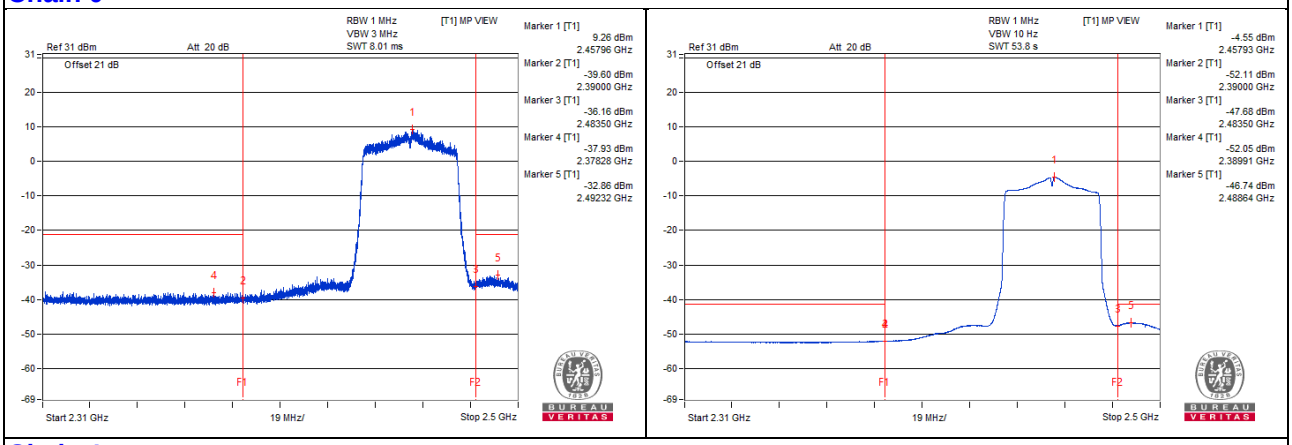


Bandedge table

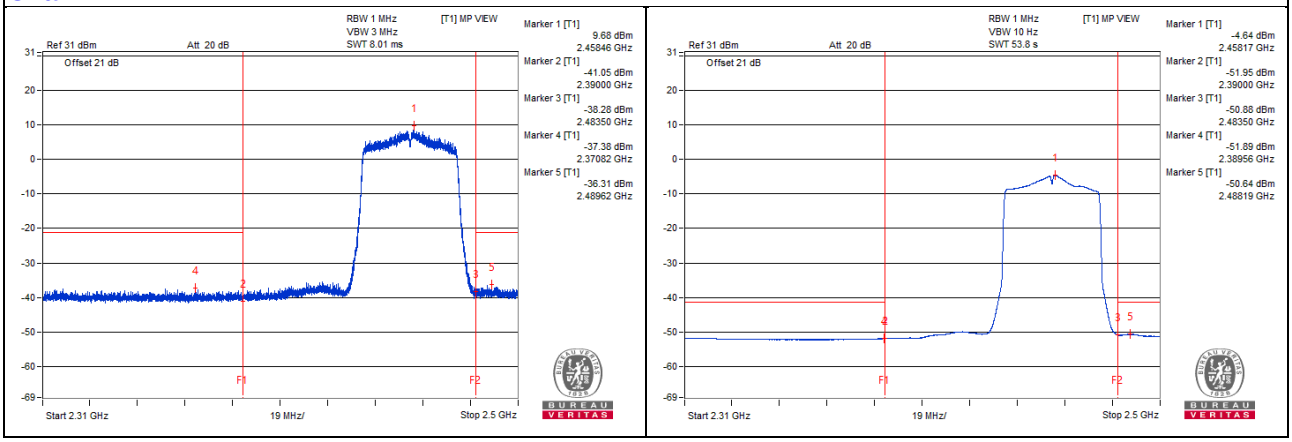
No.	Frequency (MHz)	Emission Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Raw Value (dBm)		Correction Factor (dB)	EIRP Level (dBm)
					Chain 0	Chain 1		
1	2370.82	66.98 PK	74	-7.02	-38.34	-37.38	6.54	-28.28
2	2389.58	52.82 AV	54	-1.18	-52.08	-51.9	6.54	-42.44
3	2492.13	70.1 PK	74	-3.9	-32.97	-37.66	6.54	-25.16
4	2488.64	56.54 AV	54	! 2.54	-46.74	-50.66	6.54	-38.72

Remarks:
1. Margin value = Emission Level – Limit value
2. The other emission levels were very low against the limit.
3. " ! " : The unwanted emission was verified and the test result was passed by radiated measurement. (Please refer Appendix B)

Chain 0



Chain 1



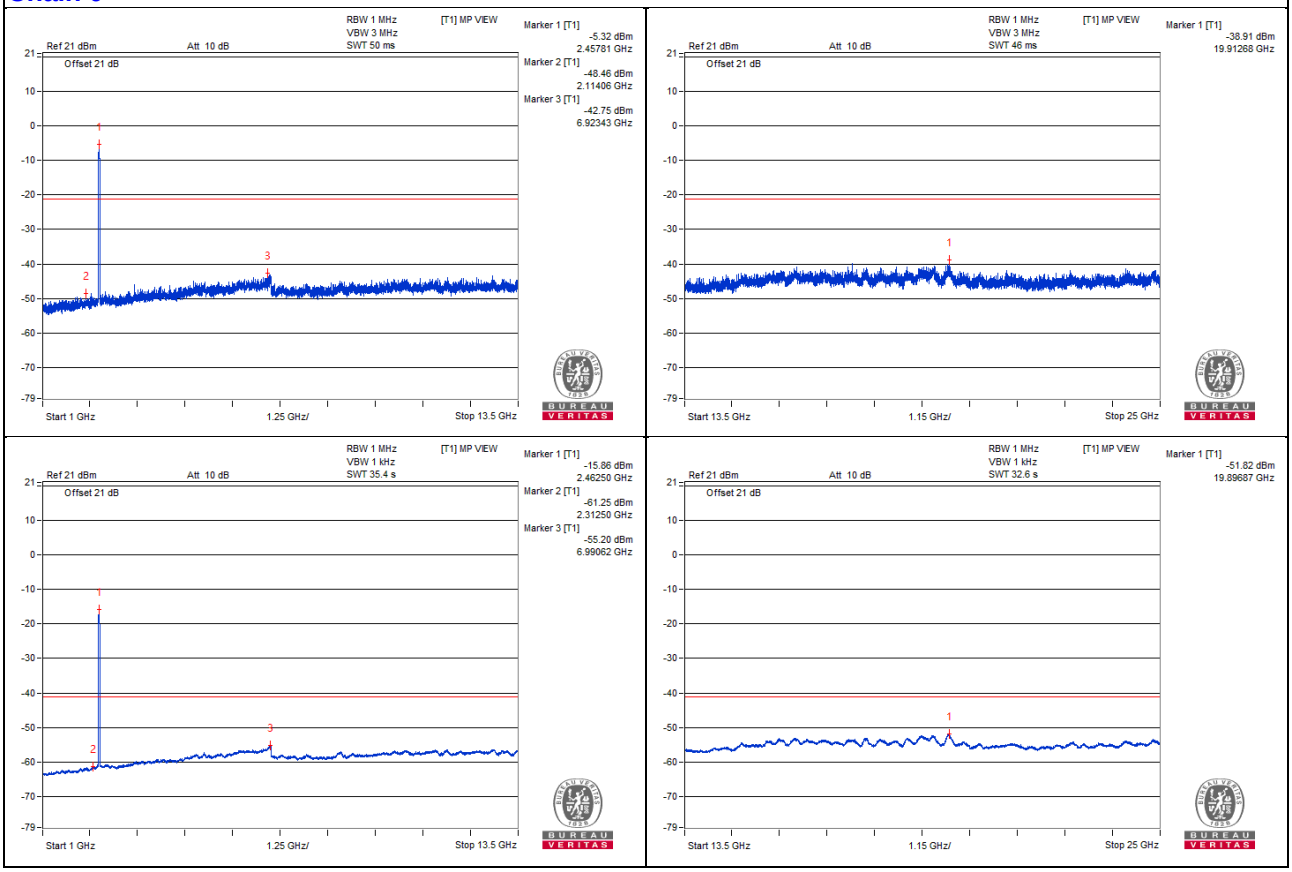
802.11ax (HE40) - Channel 11

Conducted spurious emission table

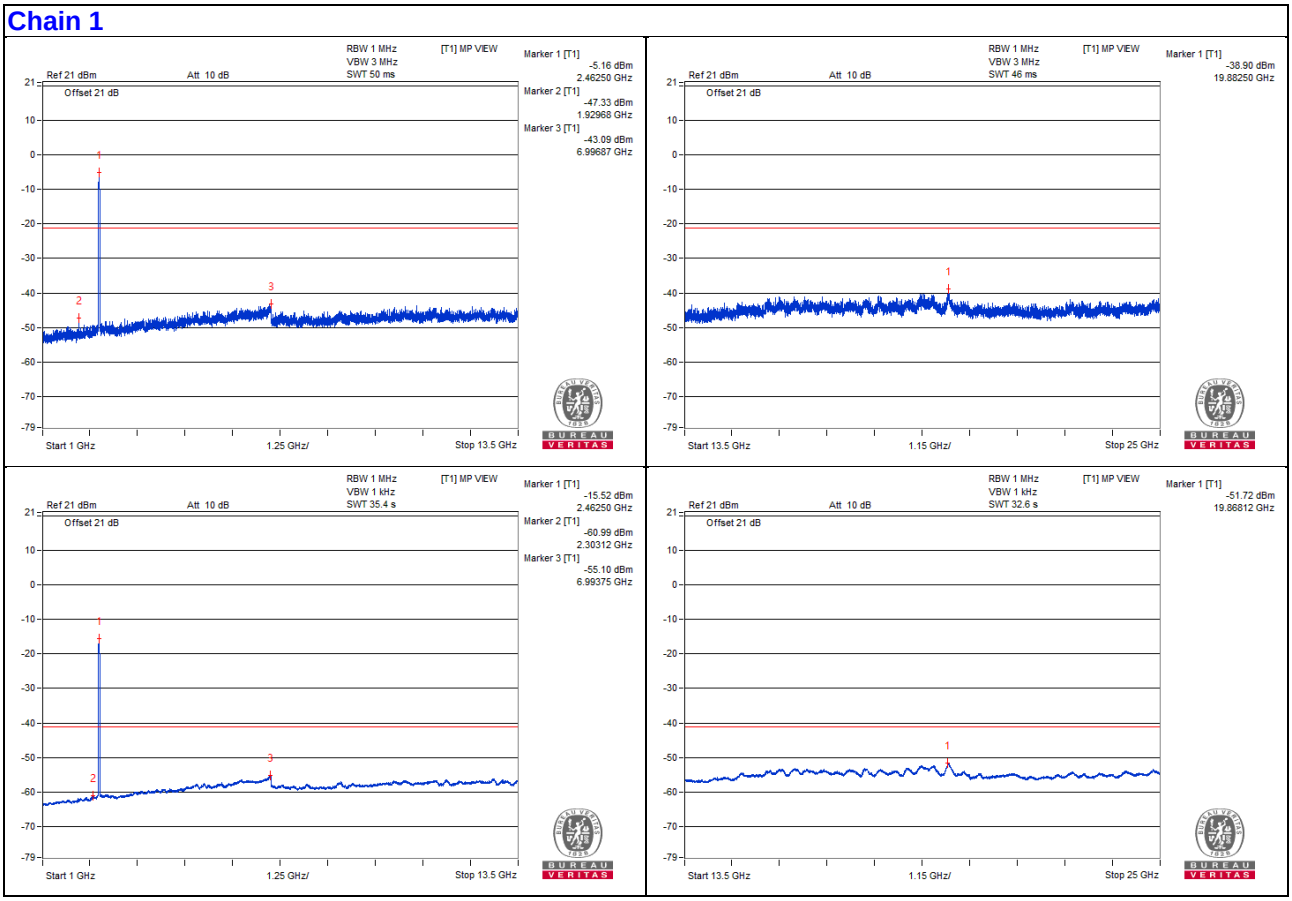
No.	Frequency (MHz)	Emission Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Raw Value (dBm)		Correction Factor (dB)	EIRP Level (dBm)
					Chain 0	Chain 1		
1	4846.87	59.86 PK	74	-14.14	-47.04	-46.16	8.17	-35.40
2	4993.75	48.39 AV	54	-5.61	-58.12	-57.98	8.17	-46.87
3	7314.06	60.59 PK	74	-13.41	-46.31	-45.43	8.17	-34.67
4	7300	48.38 AV	54	-5.62	-57.94	-58.19	8.17	-46.88

Remarks:
1. Margin value = Emission Level – Limit value
2. The other emission levels were very low against the limit.

Chain 0



Chain 1

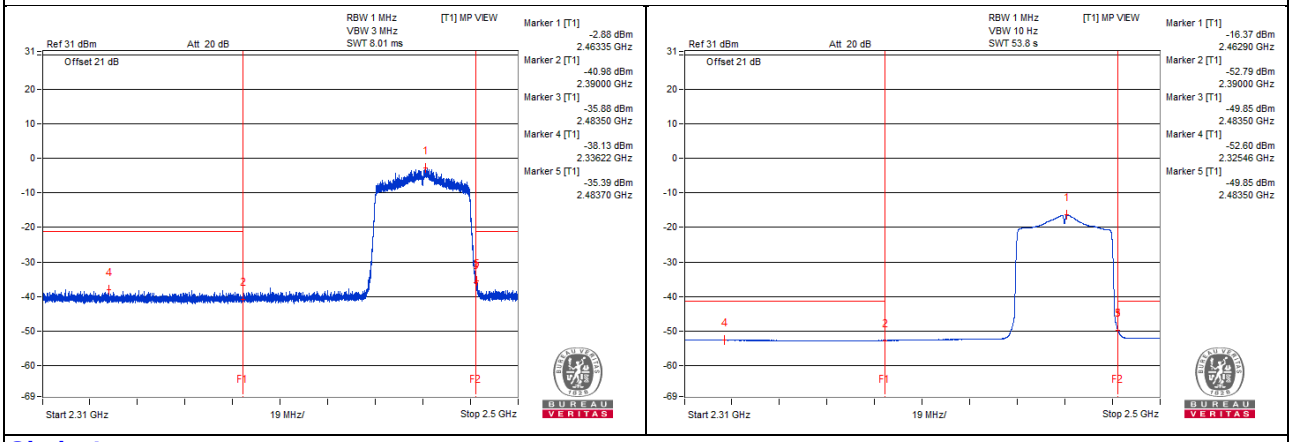


Bandedge table

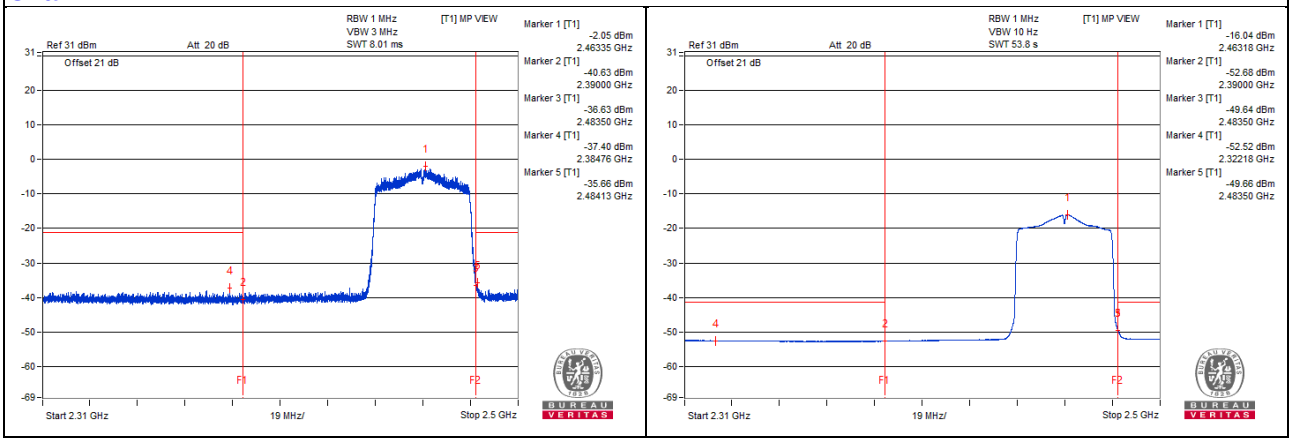
No.	Frequency (MHz)	Emission Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Raw Value (dBm)		Correction Factor (dB)	EIRP Level (dBm)
					Chain 0	Chain 1		
1	2384.76	66.08 PK	74	-7.92	-40.67	-37.4	6.54	-29.18
2	2311.18	52.29 AV	54	-1.71	-52.58	-52.46	6.54	-42.97
3	2483.7	68.93 PK	74	-5.07	-35.39	-36.44	6.54	-26.33
4	2483.51	55.03 AV	54	! 1.03	-49.85	-49.71	6.54	-40.23

Remarks:
1. Margin value = Emission Level – Limit value
2. The other emission levels were very low against the limit.
3. " ! " : The unwanted emission was verified and the test result was passed by radiated measurement. (Please refer Appendix B)

Chain 0



Chain 1



20MHz Preamble

802.11ax (RU26)

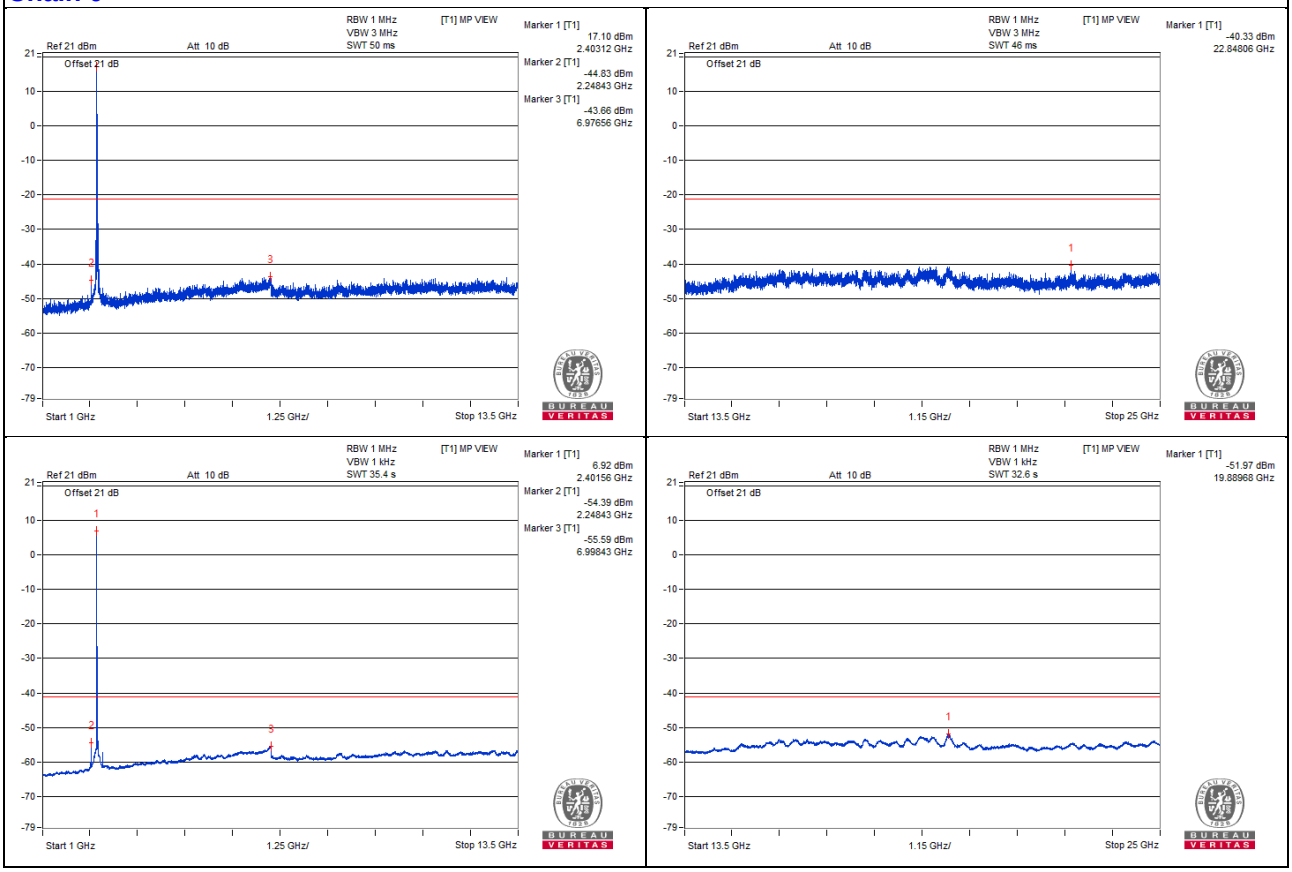
Channel 1

Conducted spurious emission table

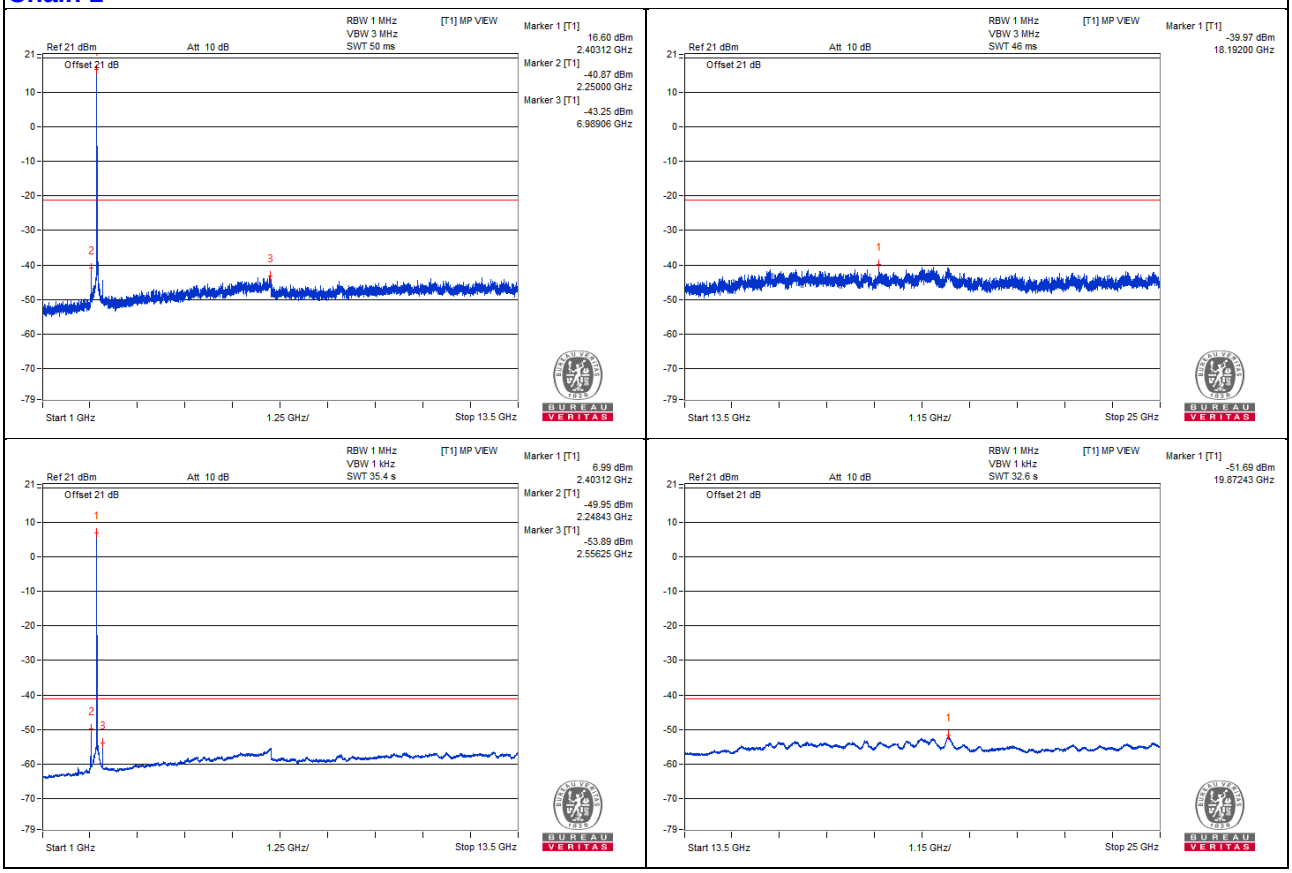
No.	Frequency (MHz)	Emission Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Raw Value (dBm)		Correction Factor (dB)	EIRP Level (dBm)
					Chain 0	Chain 1		
1	4929.68	59.45 PK	74	-14.55	-46.31	-47.79	8.17	-35.81
2	4951.56	47.89 AV	54	-6.11	-58.29	-58.82	8.17	-47.37
3	7325	59.93 PK	74	-14.07	-46.31	-46.73	8.17	-35.33
4	7285.93	48.2 AV	54	-5.8	-58.14	-58.34	8.17	-47.06

Remarks:
1. Margin value = Emission Level – Limit value
2. The other emission levels were very low against the limit.

Chain 0



Chain 1

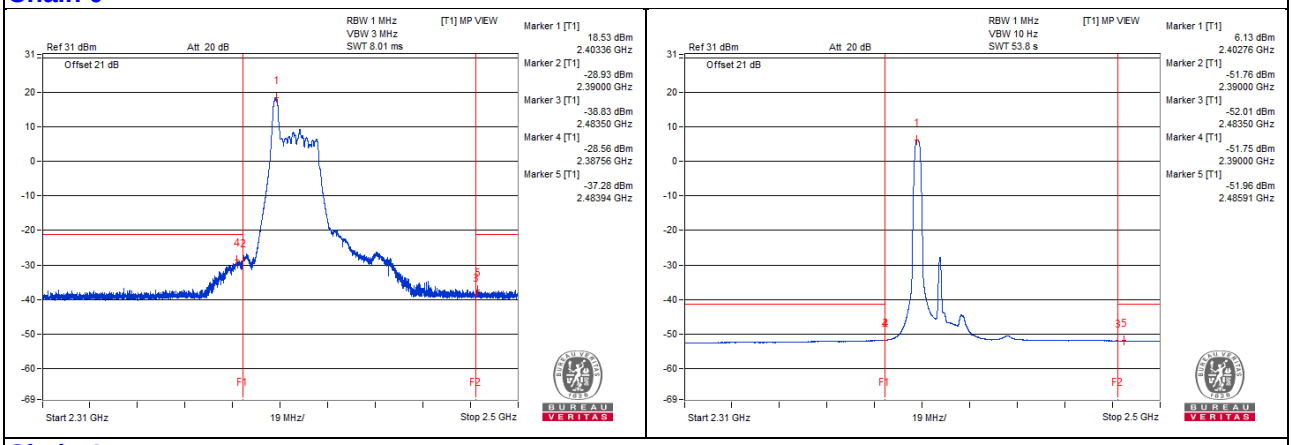


Bandedge table

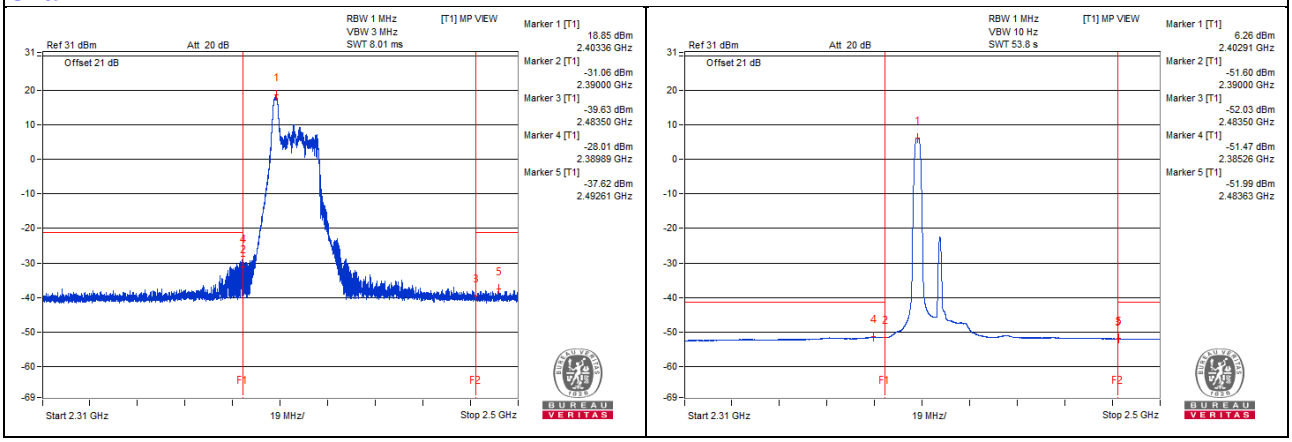
No.	Frequency (MHz)	Emission Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Raw Value (dBm)		Correction Factor (dB)	EIRP Level (dBm)
					Chain 0	Chain 1		
1	2389.89	76.08 PK	74	! 2.08	-29.59	-28.01	6.54	-19.18
2	2389.99	53.13 AV	54	-0.87	-51.76	-51.6	6.54	-42.13
3	2492.7	66.68 PK	74	-7.32	-37.44	-38.96	6.54	-28.58
4	2483.56	52.81 AV	54	-1.19	-52	-52.01	6.54	-42.45

Remarks:
1. Margin value = Emission Level – Limit value
2. The other emission levels were very low against the limit.
3. " ! " : The unwanted emission was verified and the test result was passed by radiated measurement. (Please refer Appendix B)

Chain 0



Chain 1



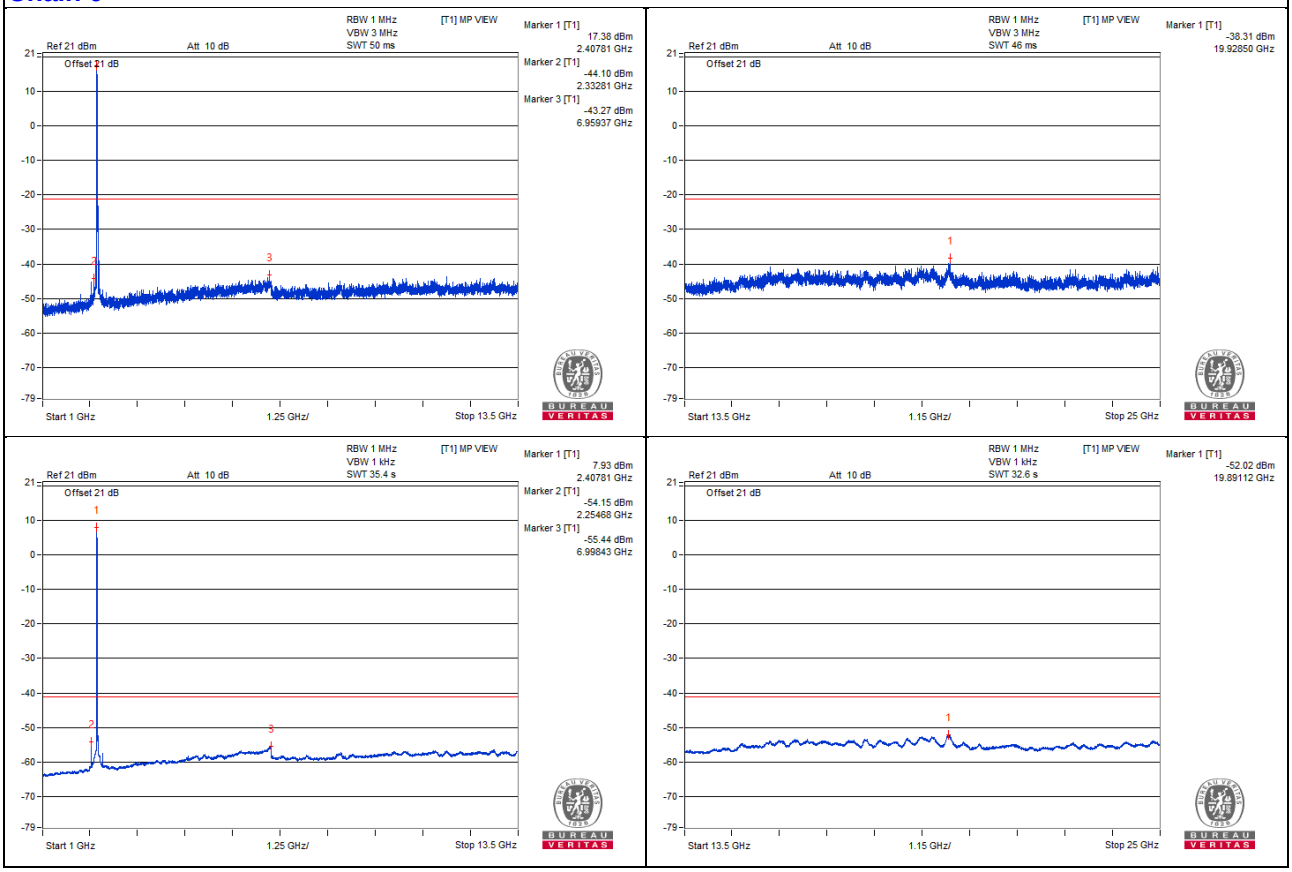
Channel 2

Conducted spurious emission table

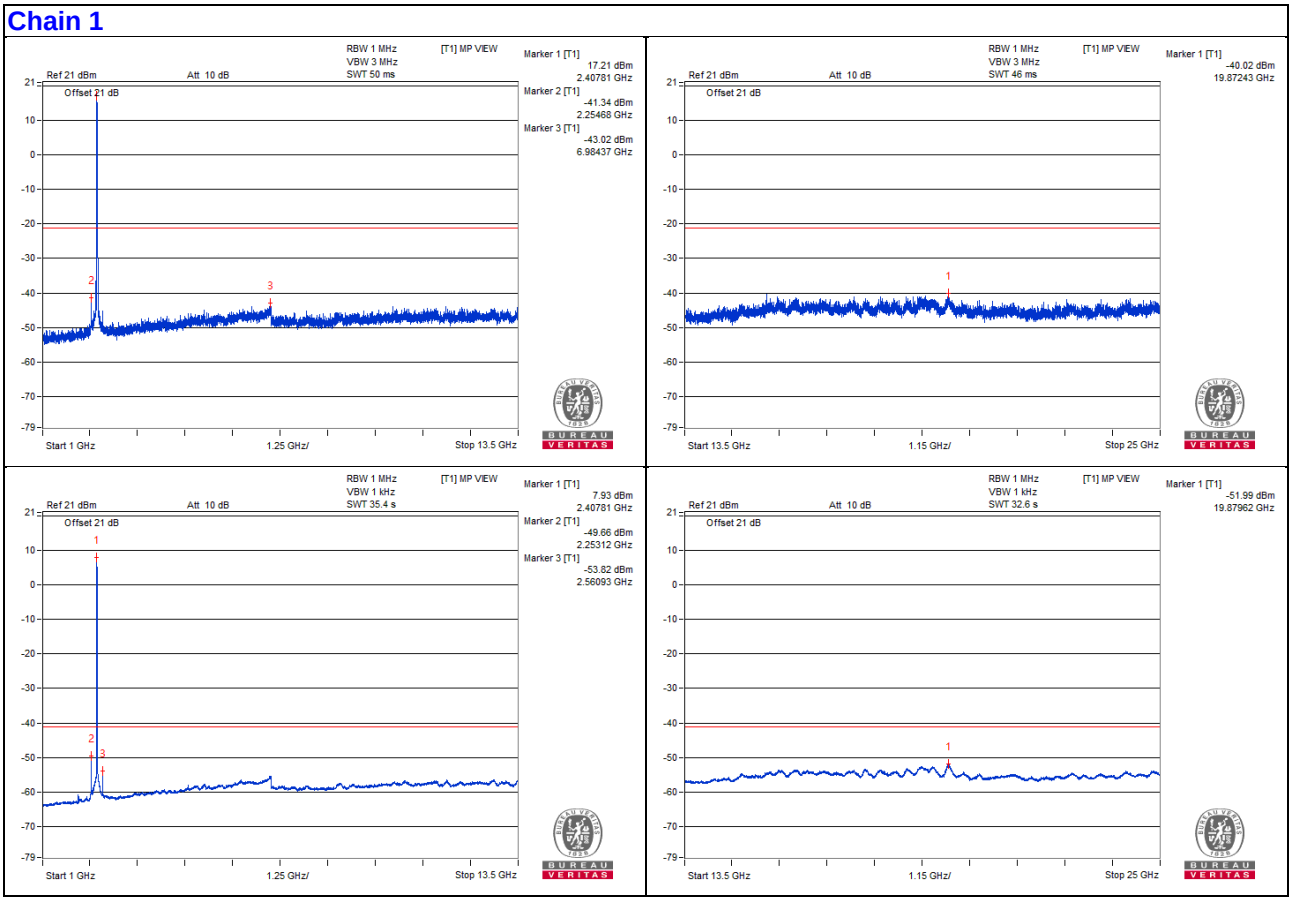
No.	Frequency (MHz)	Emission Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Raw Value (dBm)		Correction Factor (dB)	EIRP Level (dBm)
					Chain 0	Chain 1		
1	4887.5	60.3 PK	74	-13.7	-46.29	-45.99	8.17	-34.96
2	4815.62	48.26 AV	54	-5.74	-58.31	-58.06	8.17	-47.00
3	7268.75	60.04 PK	74	-13.96	-46.2	-46.6	8.17	-35.22
4	7303.12	48.1 AV	54	-5.9	-58.23	-58.45	8.17	-47.16

Remarks:
1. Margin value = Emission Level – Limit value
2. The other emission levels were very low against the limit.

Chain 0



Chain 1

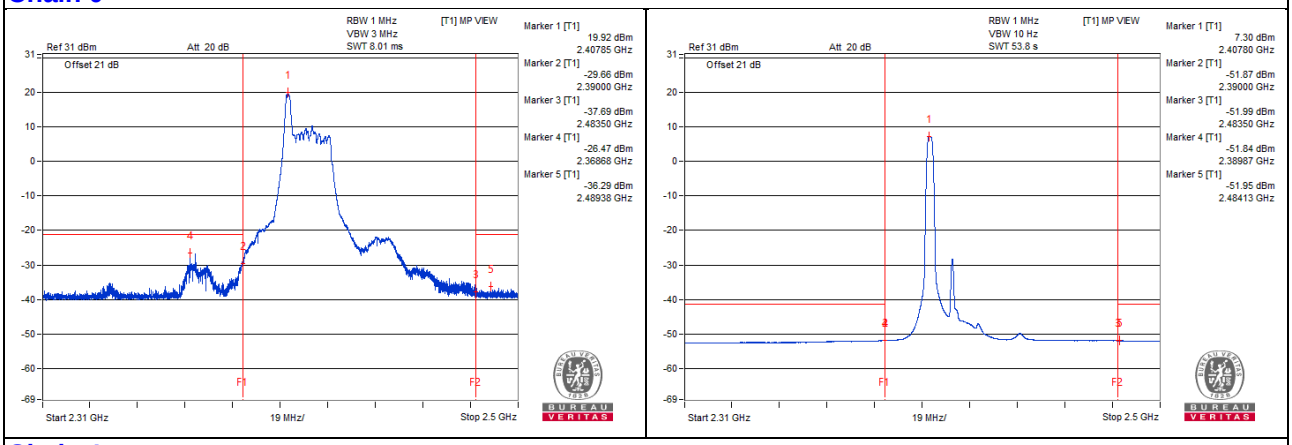


Bandedge table

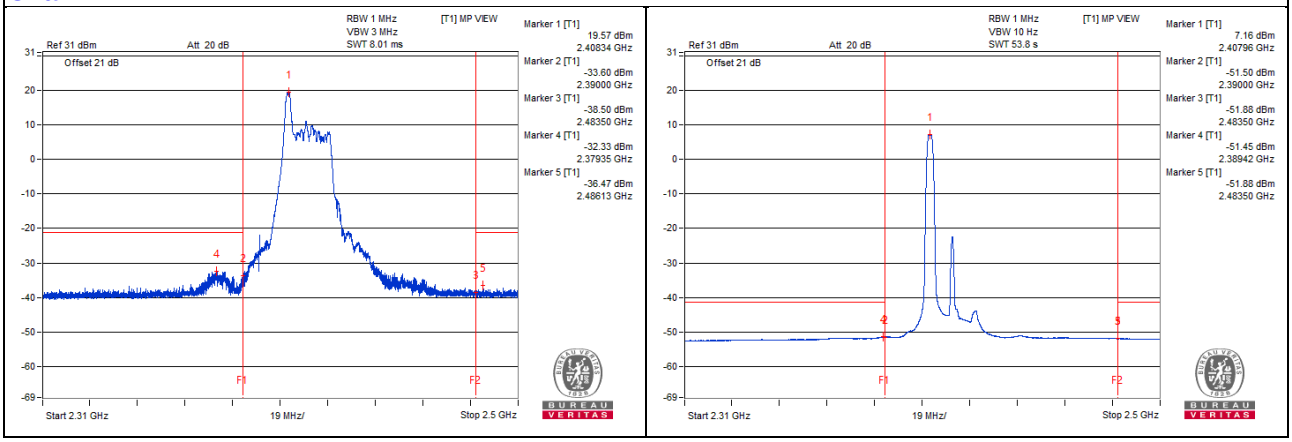
No.	Frequency (MHz)	Emission Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Raw Value (dBm)		Correction Factor (dB)	EIRP Level (dBm)
					Chain 0	Chain 1		
1	2368.68	75.61 PK	74	! 1.61	-26.47	-38.29	6.54	-19.65
2	2389.87	53.16 AV	54	-0.84	-51.84	-51.46	6.54	-42.10
3	2489.38	67.39 PK	74	-6.61	-36.29	-38.96	6.54	-27.87
4	2484.23	52.87 AV	54	-1.13	-51.98	-51.91	6.54	-42.39

Remarks:
1. Margin value = Emission Level – Limit value
2. The other emission levels were very low against the limit.
3. " ! " : The unwanted emission was verified and the test result was passed by radiated measurement. (Please refer Appendix B)

Chain 0



Chain 1



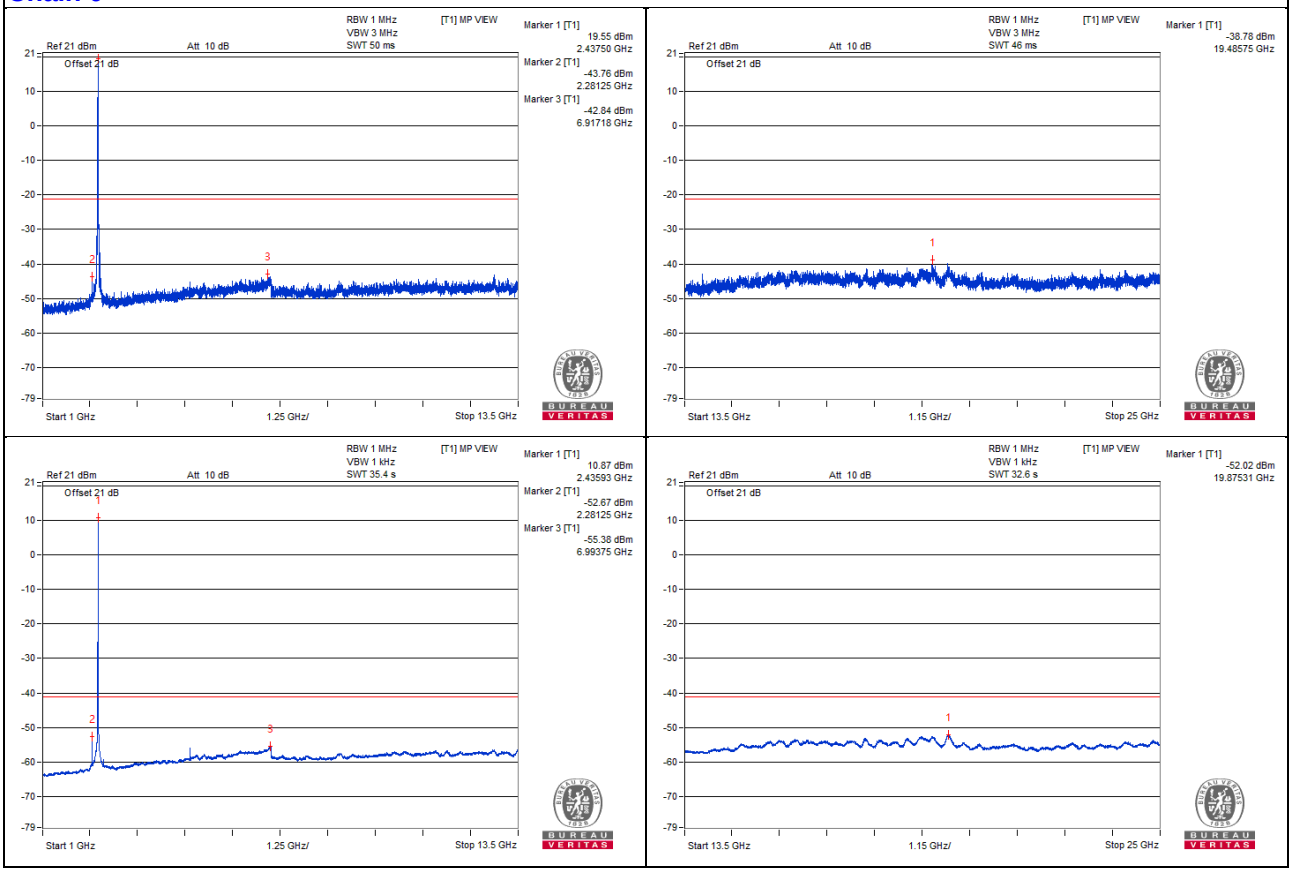
Channel 6

Conducted spurious emission table

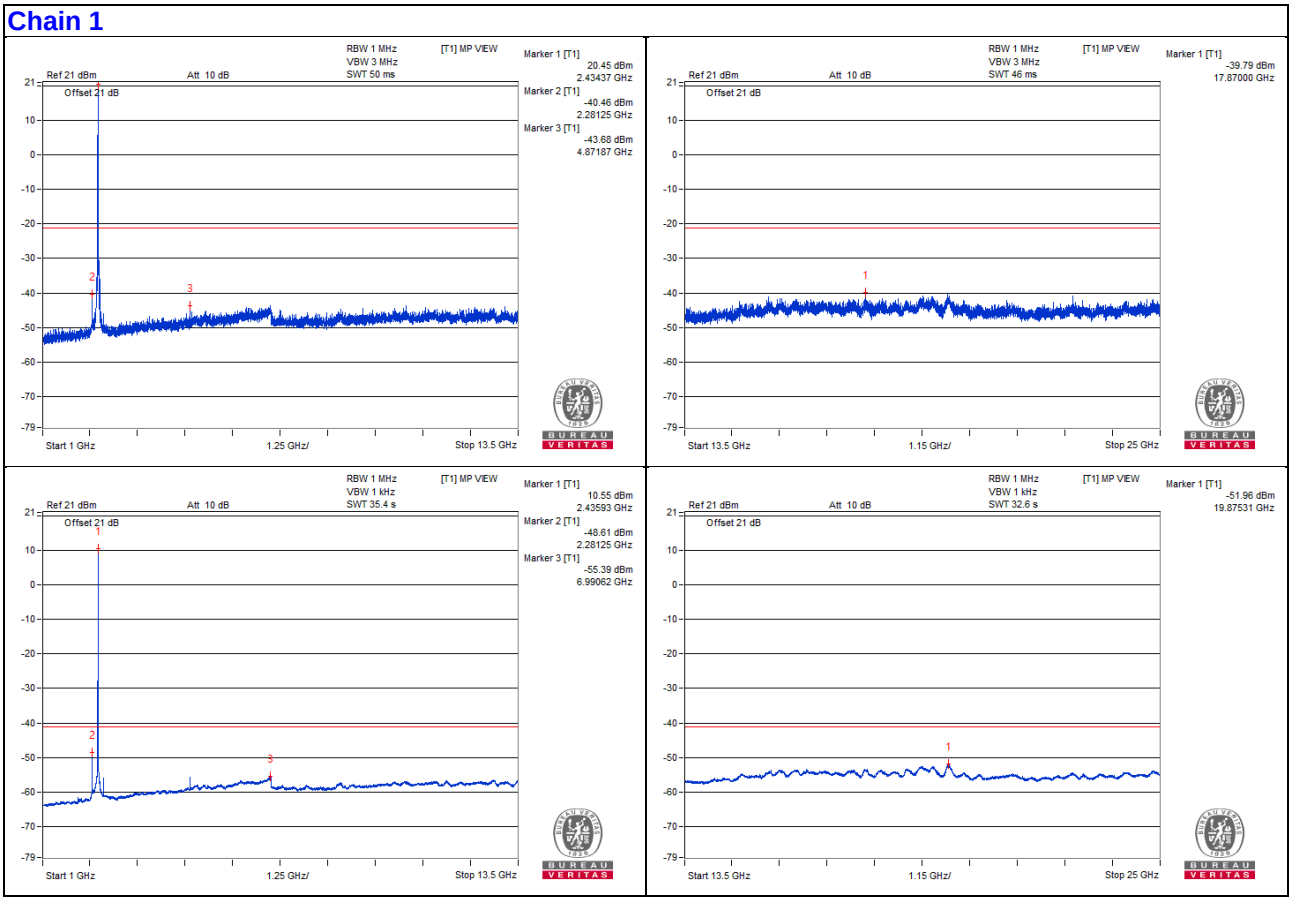
No.	Frequency (MHz)	Emission Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Raw Value (dBm)		Correction Factor (dB)	EIRP Level (dBm)
					Chain 0	Chain 1		
1	4871.87	62.02 PK	74	-11.98	-45.31	-43.68	8.17	-33.24
2	4873.43	50.43 AV	54	-3.57	-55.98	-56.05	8.17	-44.83
3	7267.18	60.52 PK	74	-13.48	-46.8	-45.19	8.17	-34.74
4	7307.81	48.35 AV	54	-5.65	-58.02	-58.17	8.17	-46.91

Remarks:
1. Margin value = Emission Level – Limit value
2. The other emission levels were very low against the limit.

Chain 0



Chain 1

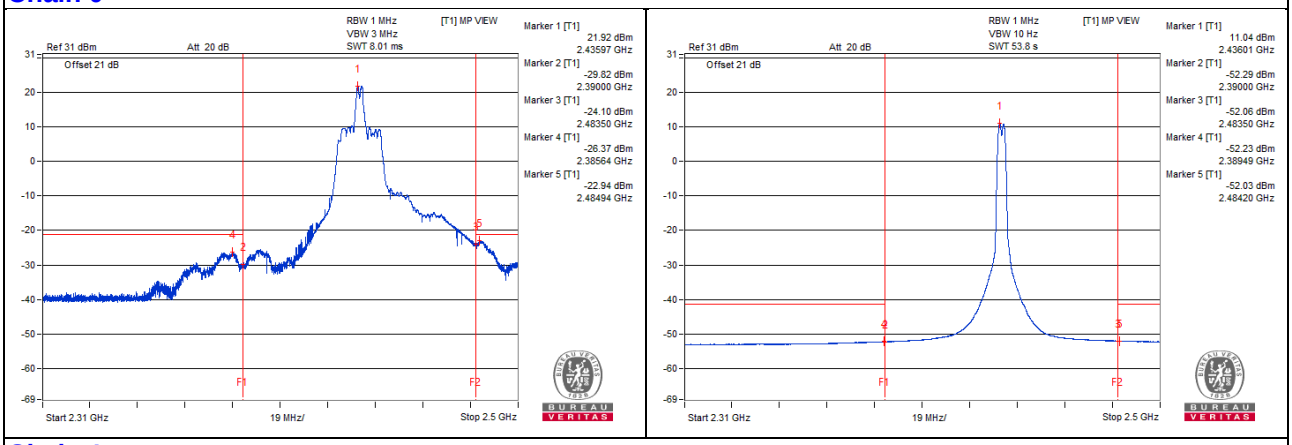


Bandedge table

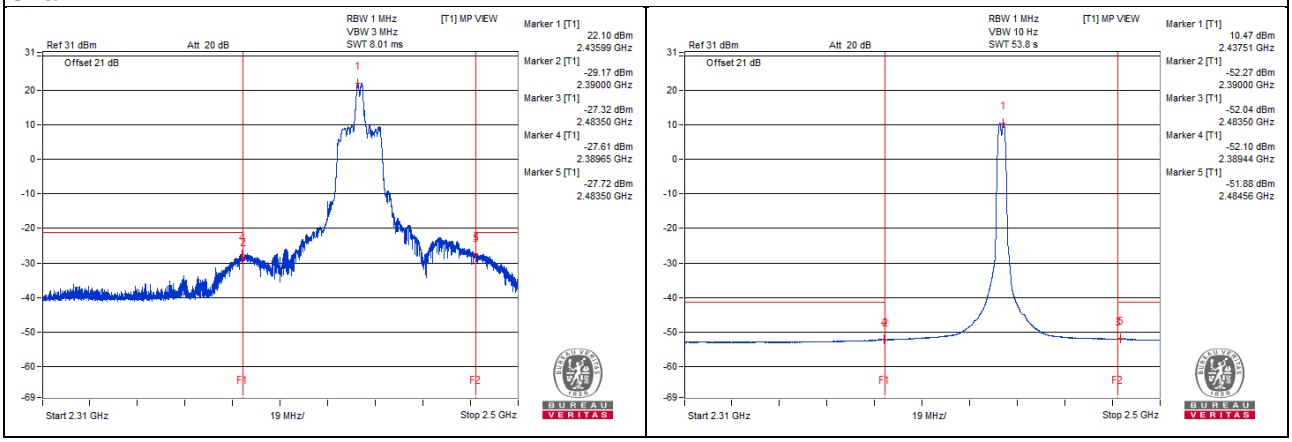
No.	Frequency (MHz)	Emission Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Raw Value (dBm)		Correction Factor (dB)	EIRP Level (dBm)
					Chain 0	Chain 1		
1	2386.85	76.98 PK	74	! 2.98	-26.88	-29.06	6.54	-18.28
2	2389.46	52.64 AV	54	-1.36	-52.24	-52.1	6.54	-42.62
3	2485.29	80.06 PK	74	! 6.06	-22.98	-27.78	6.54	-15.20
4	2484.56	52.85 AV	54	-1.15	-52.05	-51.88	6.54	-42.41

Remarks:
1. Margin value = Emission Level – Limit value
2. The other emission levels were very low against the limit.
3. " ! " : The unwanted emission was verified and the test result was passed by radiated measurement. (Please refer Appendix B)

Chain 0



Chain 1



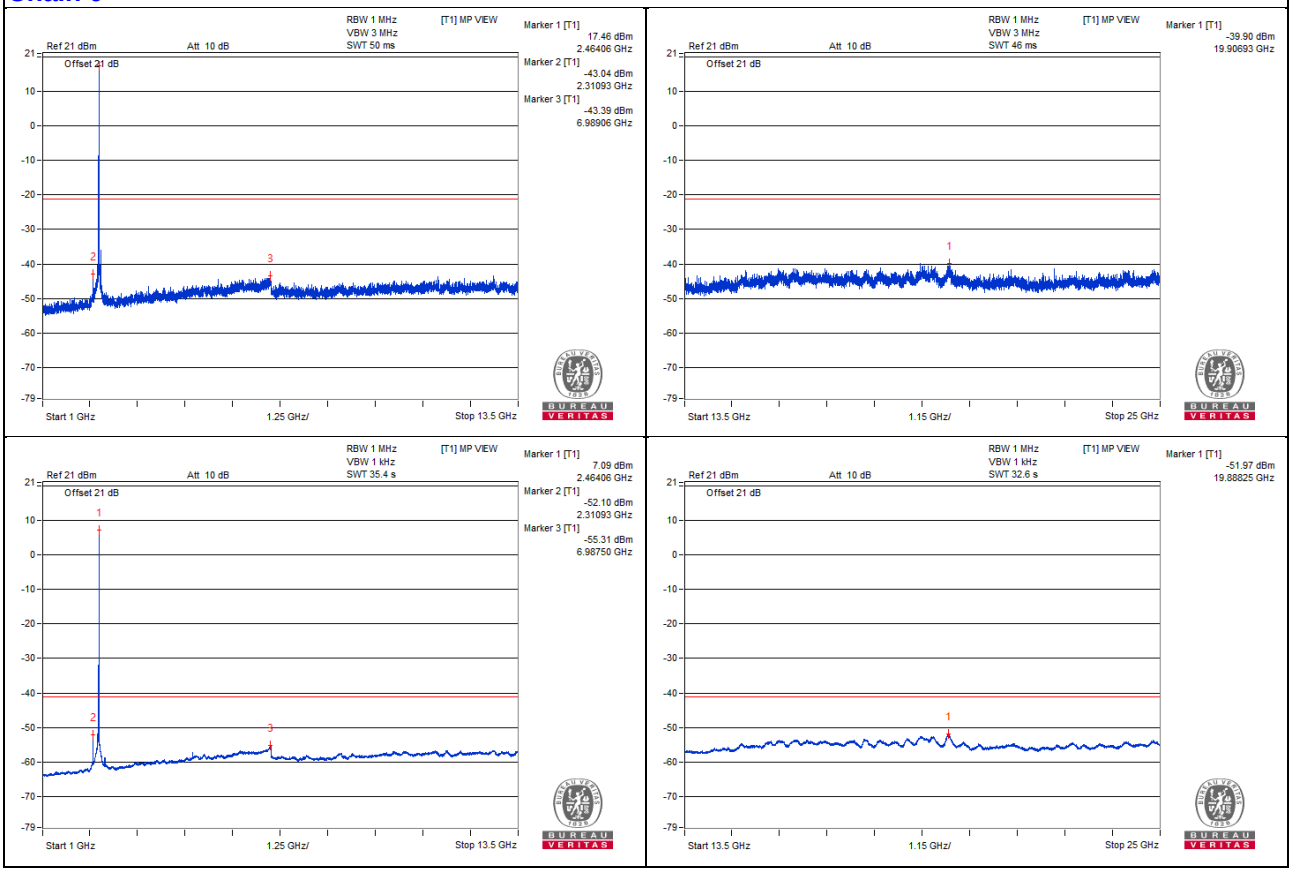
Channel 10

Conducted spurious emission table

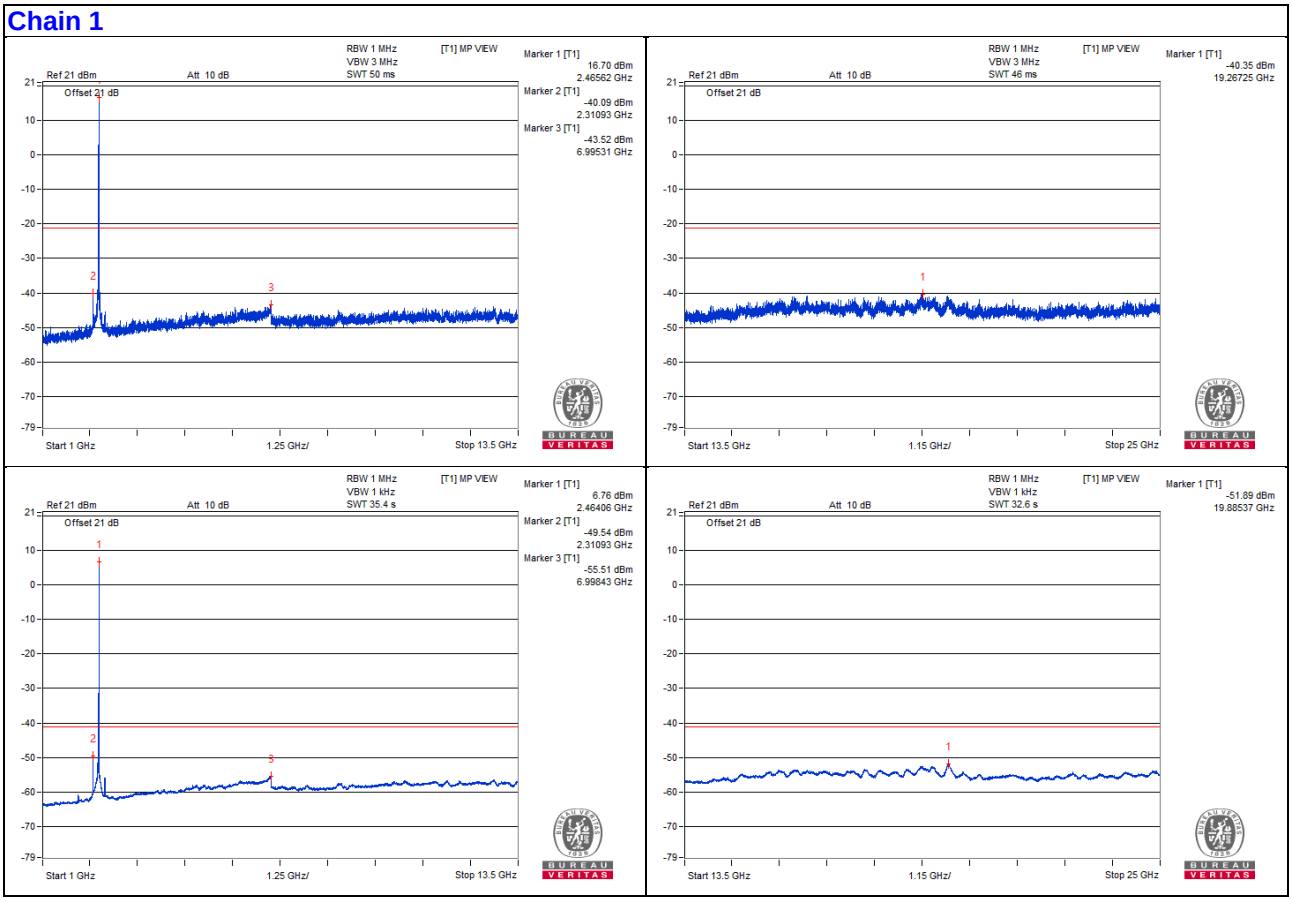
No.	Frequency (MHz)	Emission Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Raw Value (dBm)		Correction Factor (dB)	EIRP Level (dBm)
					Chain 0	Chain 1		
1	4929.68	59.99 PK	74	-14.01	-46.25	-46.67	8.17	-35.27
2	4929.68	48.74 AV	54	-5.26	-57.35	-58.08	8.17	-46.52
3	7300	59.68 PK	74	-14.32	-46.45	-47.09	8.17	-35.58
4	7298.43	48.13 AV	54	-5.87	-58.47	-58.16	8.17	-47.13

Remarks:
1. Margin value = Emission Level – Limit value
2. The other emission levels were very low against the limit.

Chain 0



Chain 1

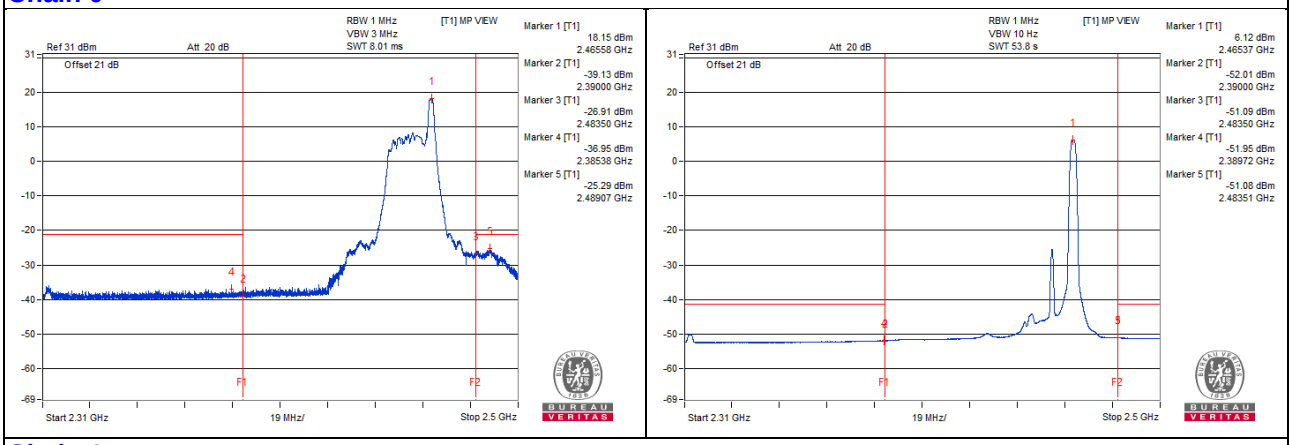


Bandedge table

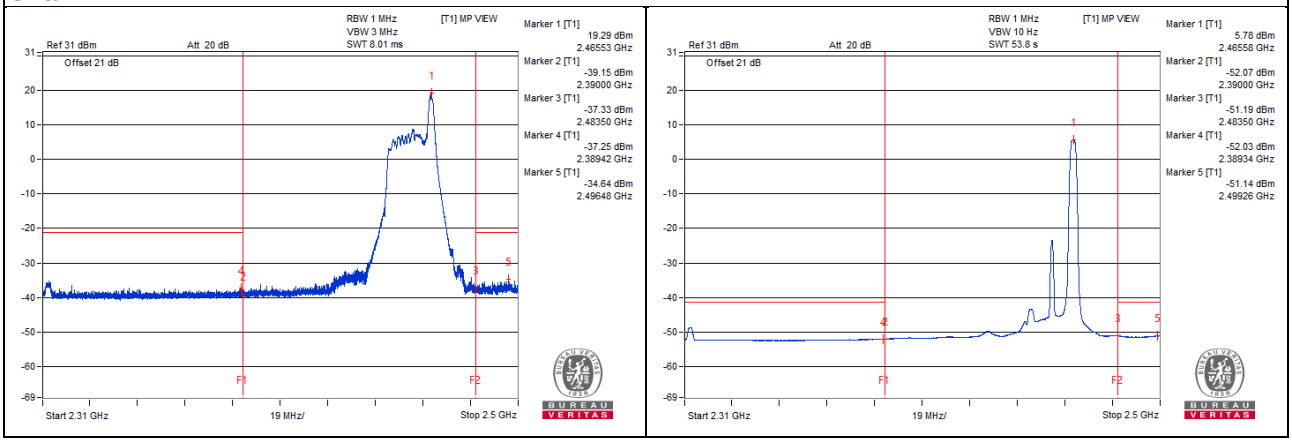
No.	Frequency (MHz)	Emission Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Raw Value (dBm)		Correction Factor (dB)	EIRP Level (dBm)
					Chain 0	Chain 1		
1	2312.04	68.82 PK	74	-5.18	-37.06	-35.14	6.54	-26.44
2	2312.06	55.38 AV	54	! 1.38	-50.17	-48.79	6.54	-39.88
3	2489.07	76.75 PK	74	! 2.75	-25.29	-37.8	6.54	-18.51
4	2483.61	53.69 AV	54	-0.31	-51.09	-51.15	6.54	-41.57

Remarks:
1. Margin value = Emission Level – Limit value
2. The other emission levels were very low against the limit.
3. " ! " : The unwanted emission was verified and the test result was passed by radiated measurement. (Please refer Appendix B)

Chain 0



Chain 1



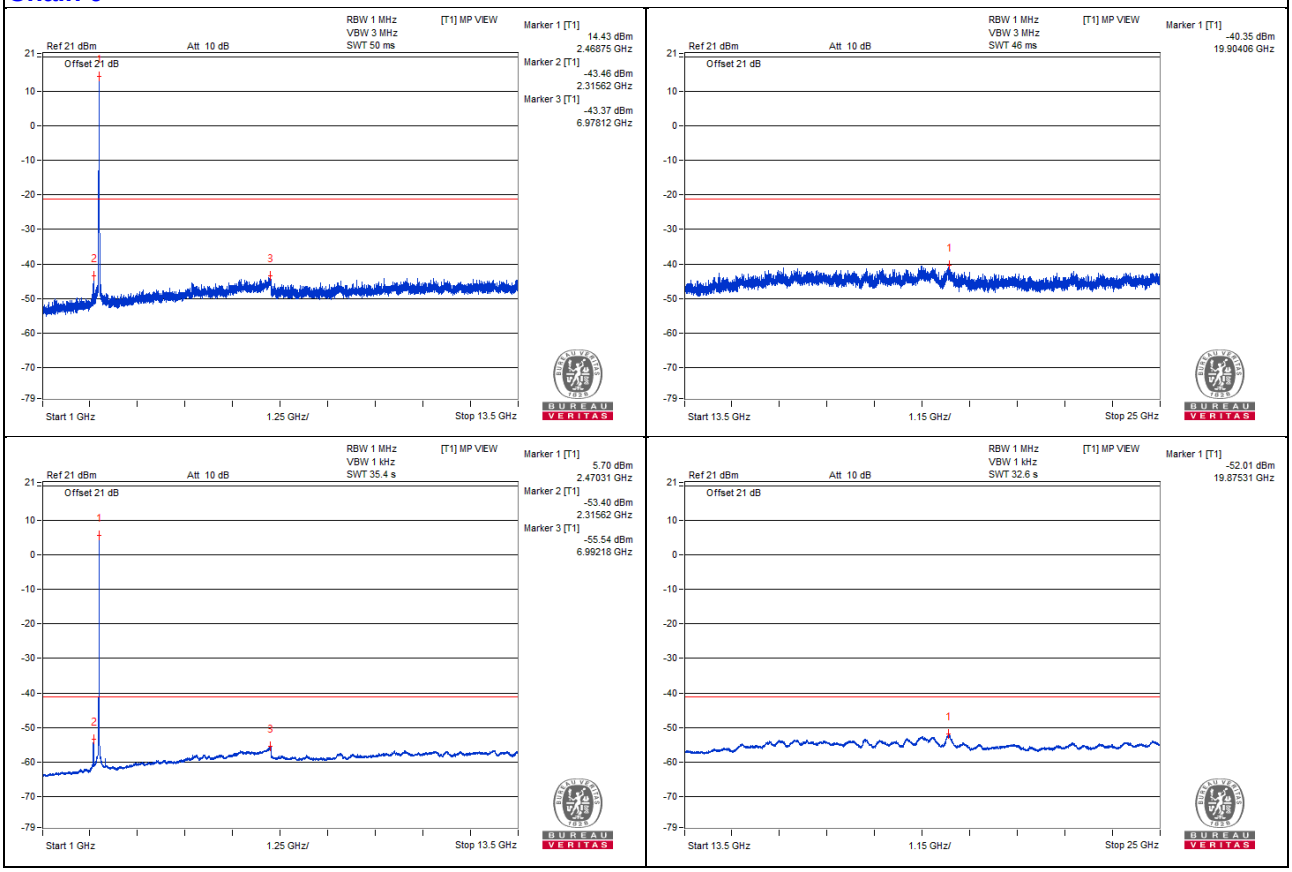
Channel 11

Conducted spurious emission table

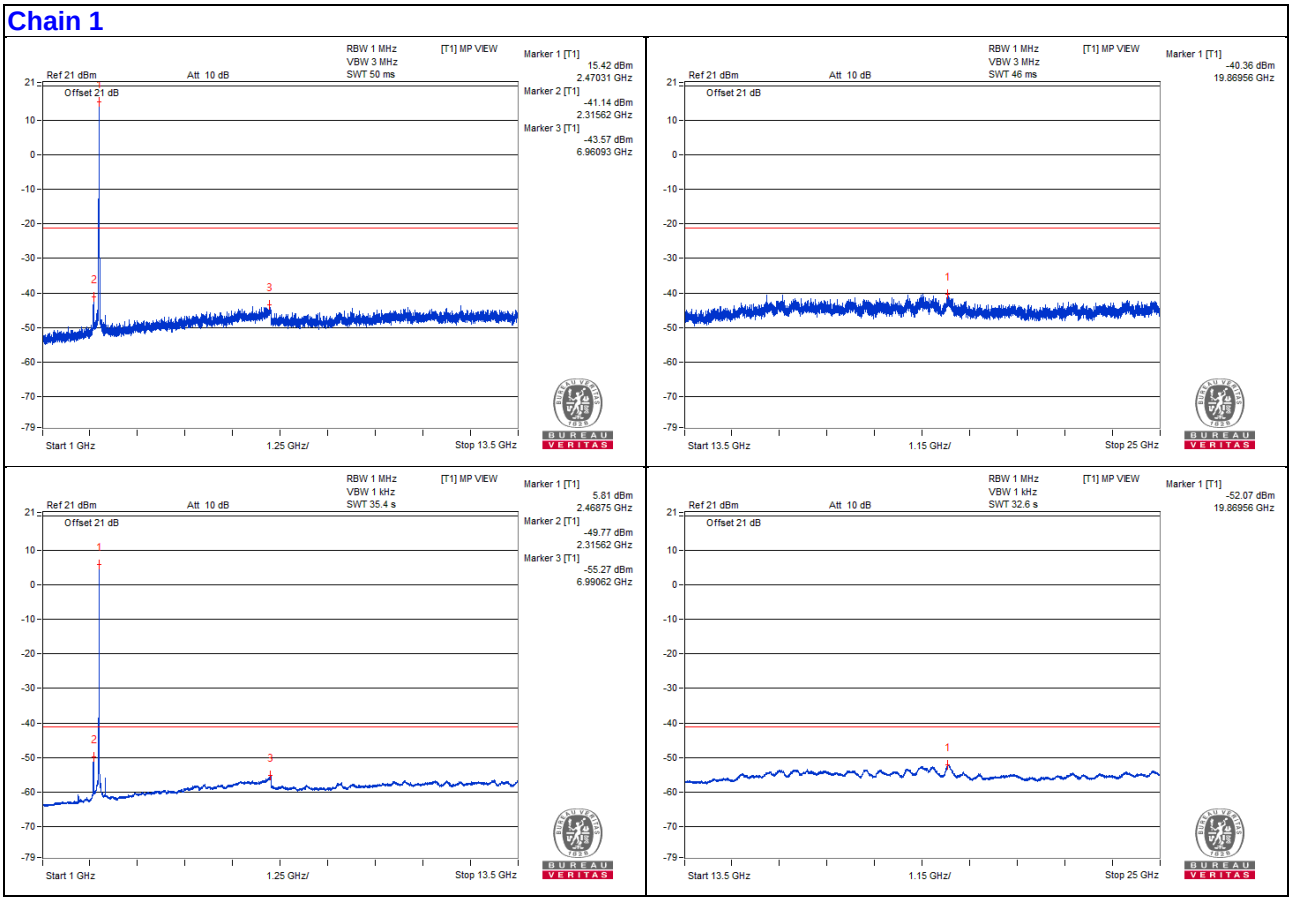
No.	Frequency (MHz)	Emission Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Raw Value (dBm)		Correction Factor (dB)	EIRP Level (dBm)
					Chain 0	Chain 1		
1	4940.62	59.98 PK	74	-14.02	-45.76	-47.29	8.17	-35.28
2	4939.06	48.25 AV	54	-5.75	-58.14	-58.25	8.17	-47.01
3	7290.62	59.92 PK	74	-14.08	-45.93	-47.21	8.17	-35.34
4	7292.18	48.03 AV	54	-5.97	-58.4	-58.43	8.17	-47.23

Remarks:
1. Margin value = Emission Level – Limit value
2. The other emission levels were very low against the limit.

Chain 0



Chain 1

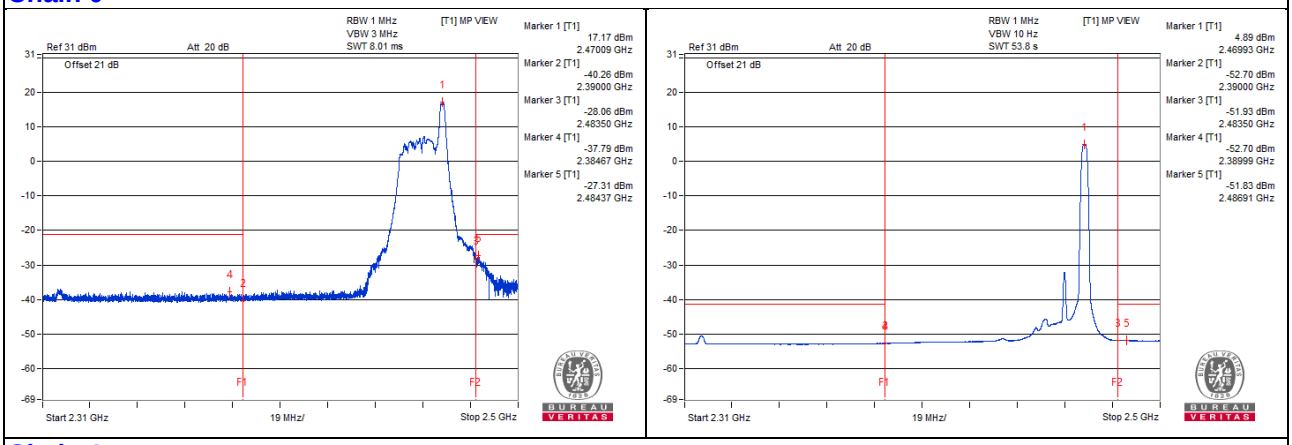


Bandedge table

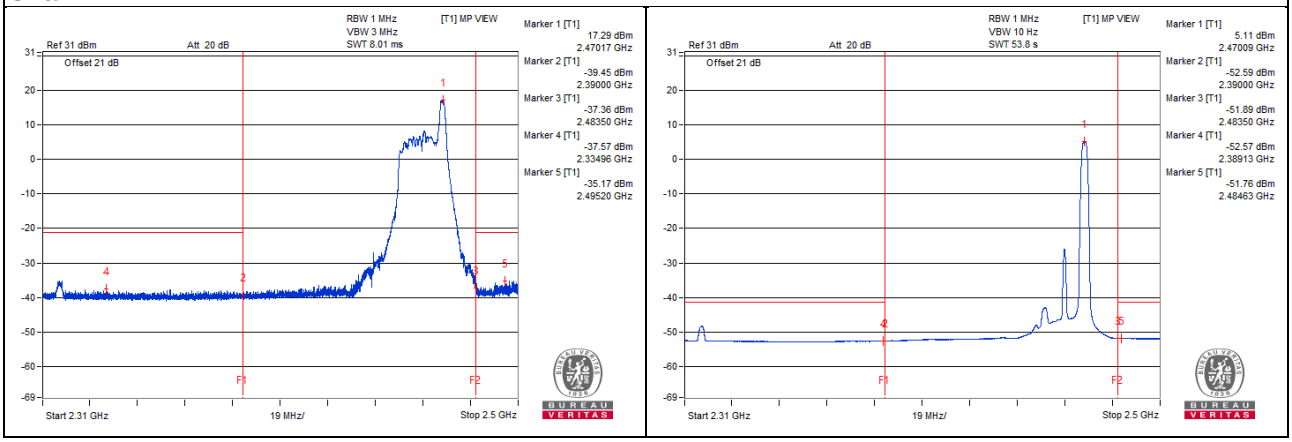
No.	Frequency (MHz)	Emission Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Raw Value (dBm)		Correction Factor (dB)	EIRP Level (dBm)
					Chain 0	Chain 1		
1	2315.89	68.55 PK	74	-5.45	-37.39	-35.37	6.54	-26.71
2	2316.5	55.46 AV	54	! 1.46	-50.63	-48.36	6.54	-39.80
3	2484.37	74.82 PK	74	! 0.82	-27.31	-38.37	6.54	-20.44
4	2485.37	53.02 AV	54	-0.98	-51.83	-51.76	6.54	-42.24

Remarks:
1. Margin value = Emission Level – Limit value
2. The other emission levels were very low against the limit.
3. " ! " : The unwanted emission was verified and the test result was passed by radiated measurement. (Please refer Appendix B)

Chain 0



Chain 1



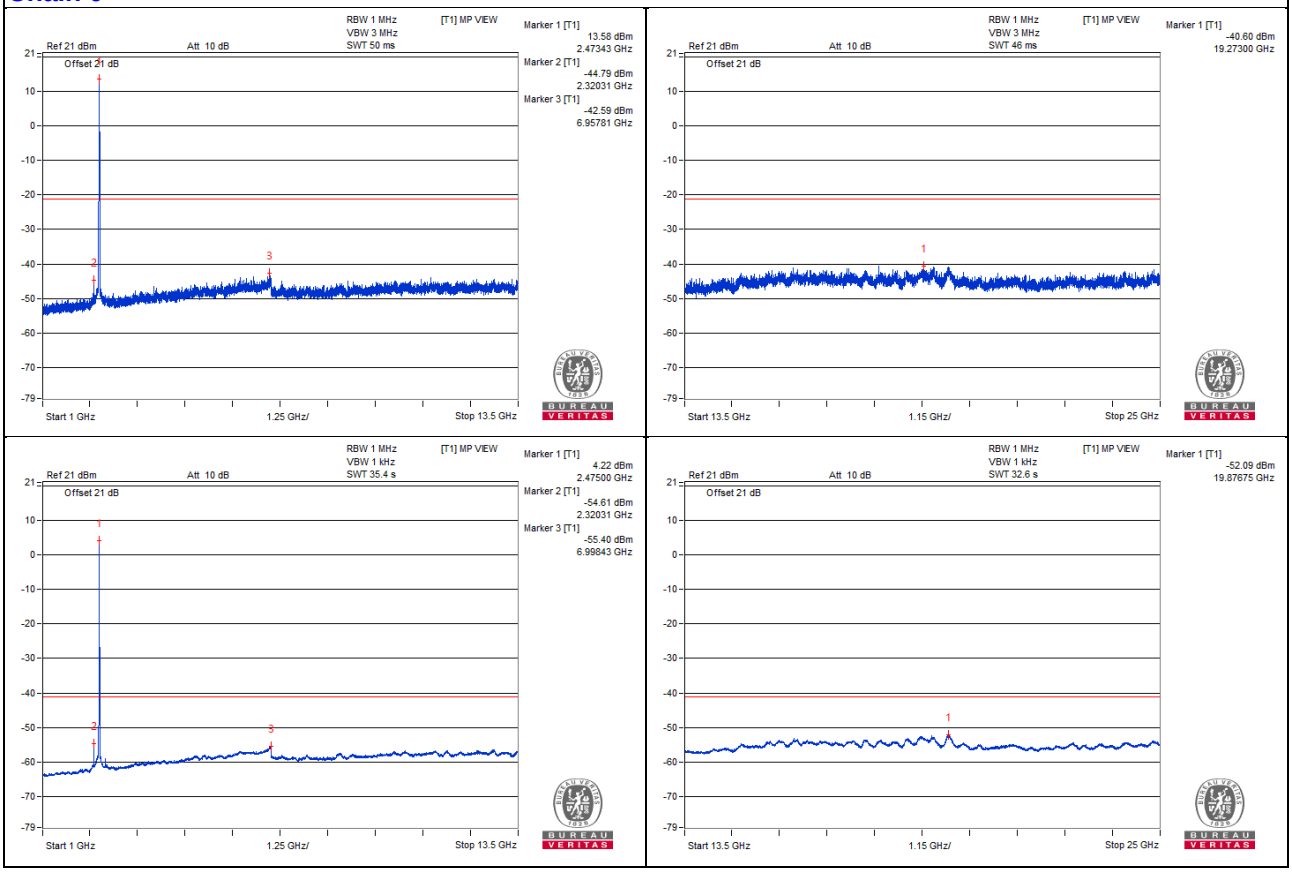
Channel 12

Conducted spurious emission table

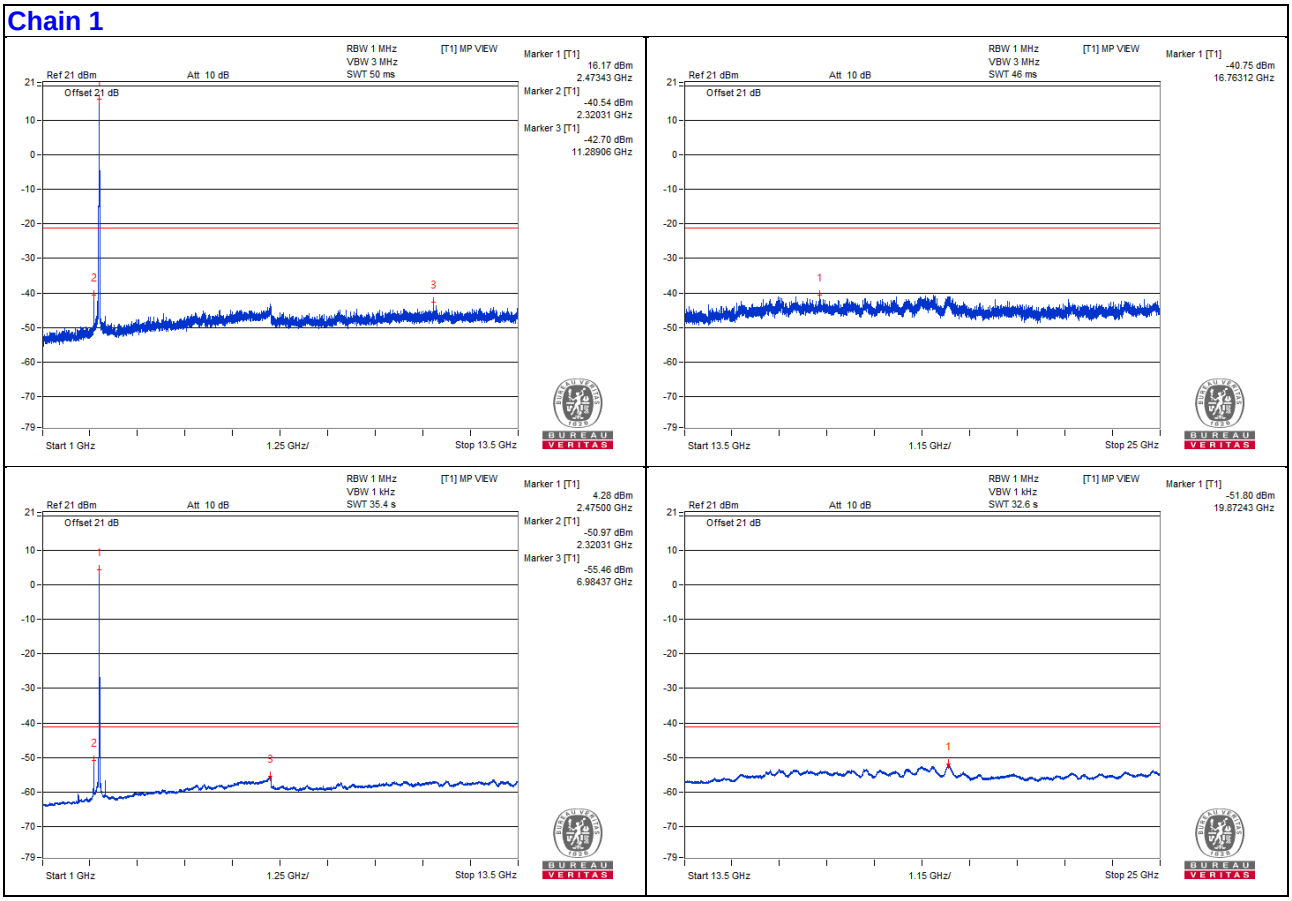
No.	Frequency (MHz)	Emission Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Raw Value (dBm)		Correction Factor (dB)	EIRP Level (dBm)
					Chain 0	Chain 1		
1	4931.25	59.48 PK	74	-14.52	-46.99	-46.93	8.17	-35.78
2	4950	47.95 AV	54	-6.05	-58.42	-58.57	8.17	-47.31
3	7276.56	60.66 PK	74	-13.34	-44.99	-46.75	8.17	-34.60
4	7295.31	48.27 AV	54	-5.73	-58.11	-58.24	8.17	-46.99

Remarks:
1. Margin value = Emission Level – Limit value
2. The other emission levels were very low against the limit.

Chain 0



Chain 1

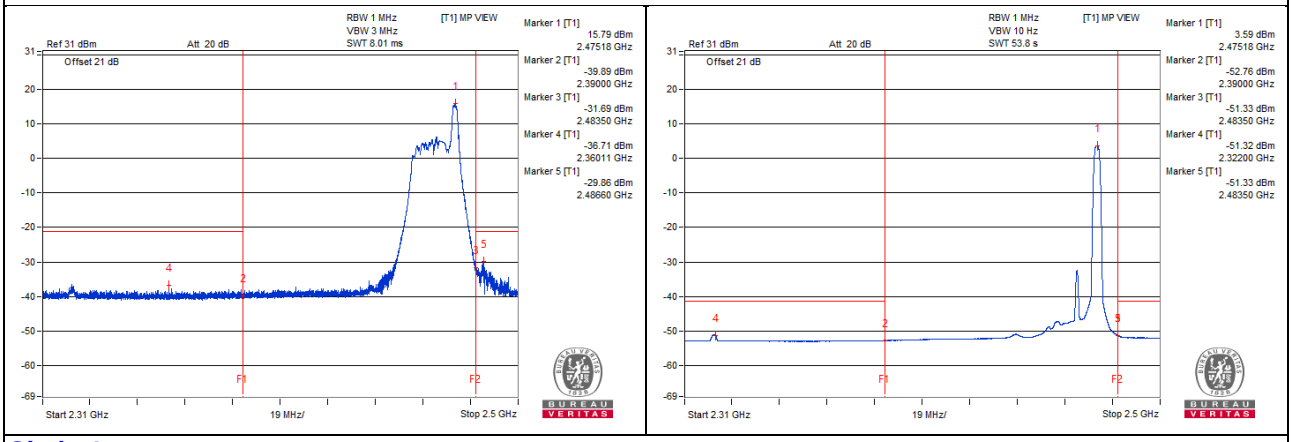


Bandedge table

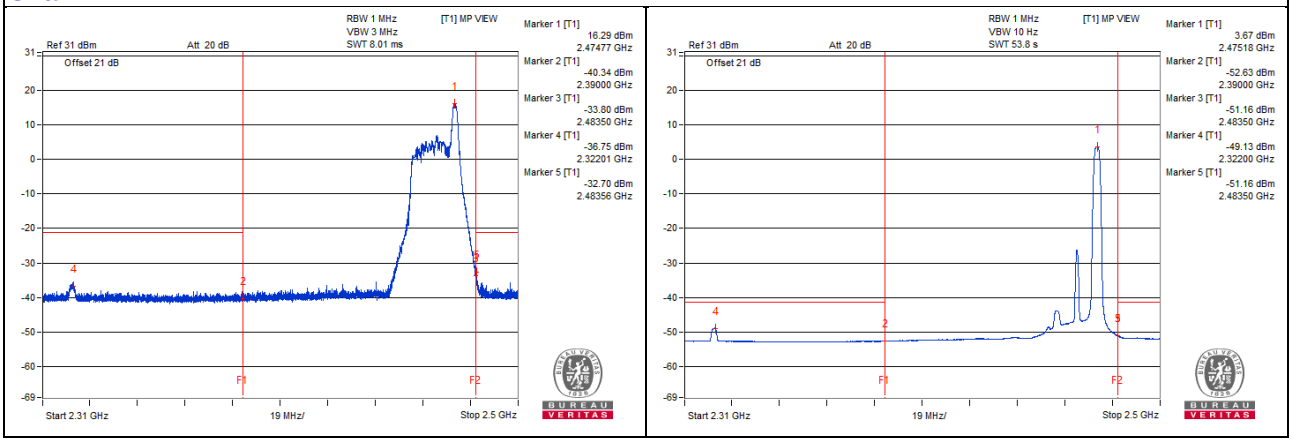
No.	Frequency (MHz)	Emission Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Raw Value (dBm)		Correction Factor (dB)	EIRP Level (dBm)
					Chain 0	Chain 1		
1	2321.16	68.34 PK	74	-5.66	-36.59	-36.36	6.54	-26.92
2	2321.68	54.91 AV	54	! 0.91	-51.19	-48.9	6.54	-40.35
3	2486.6	72.47 PK	74	-1.53	-29.86	-38.73	6.54	-22.79
4	2483.51	53.56 AV	54	-0.44	-51.34	-51.16	6.54	-41.70

Remarks:
1. Margin value = Emission Level – Limit value
2. The other emission levels were very low against the limit.
3. " ! " : The unwanted emission was verified and the test result was passed by radiated measurement. (Please refer Appendix B)

Chain 0



Chain 1



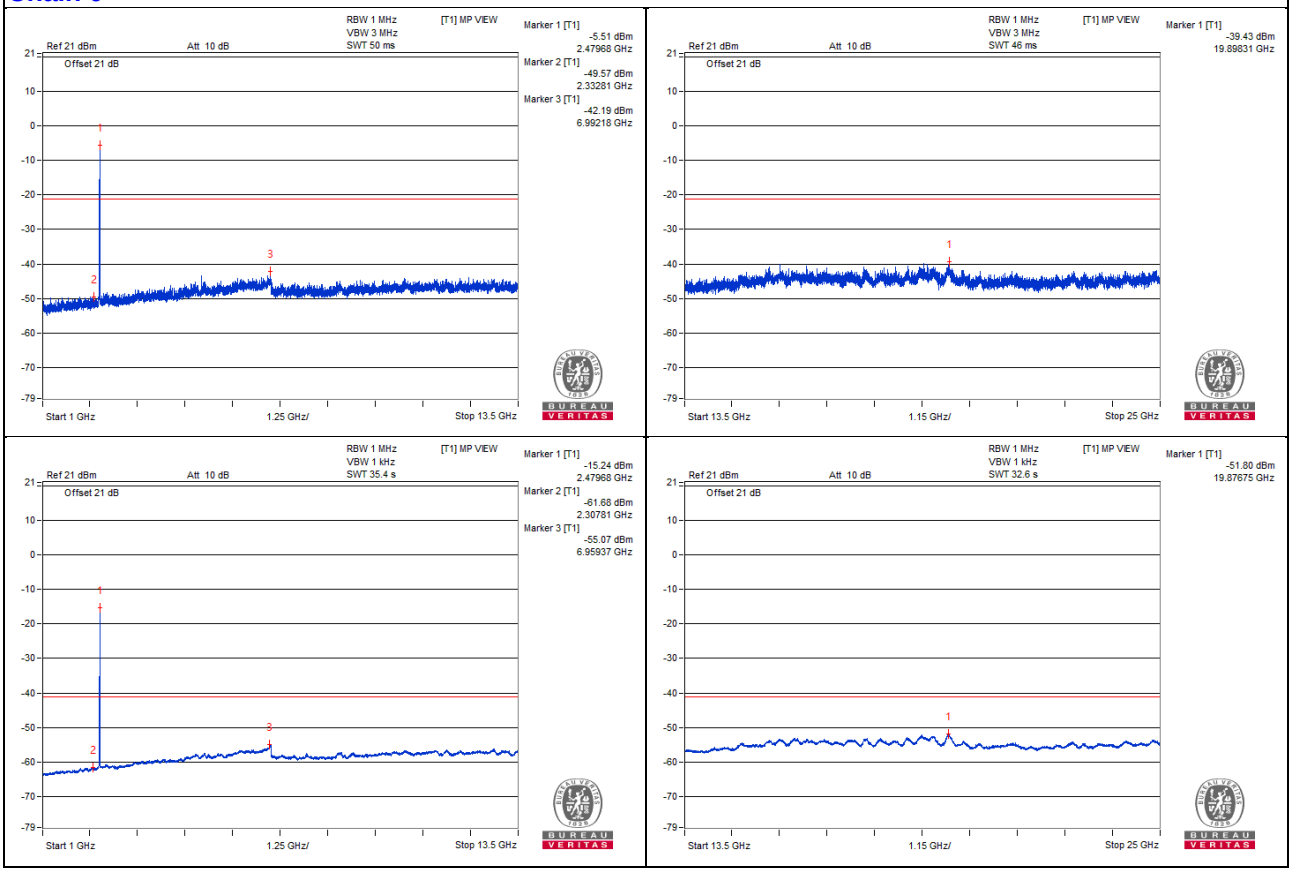
Channel 13

Conducted spurious emission table

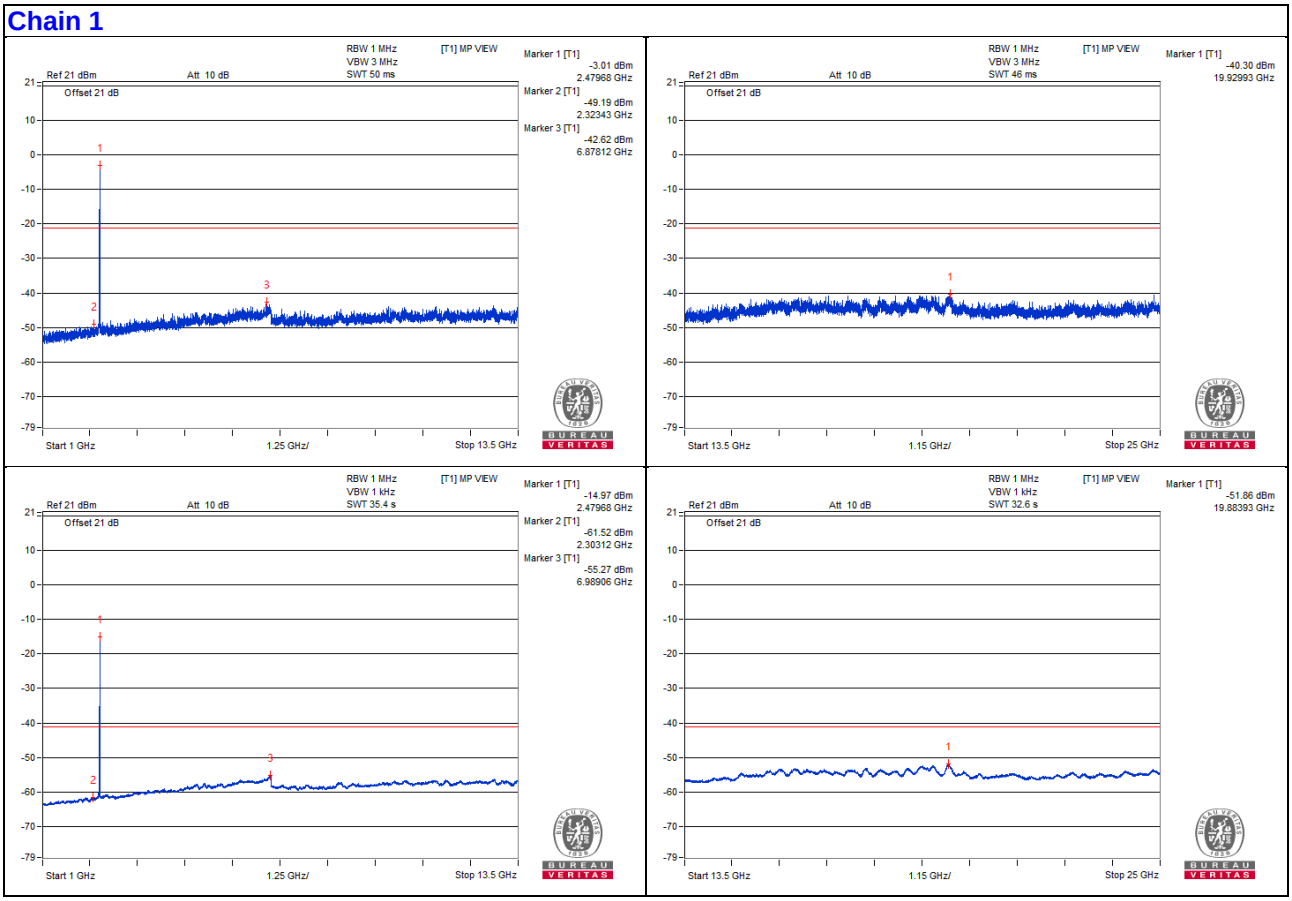
No.	Frequency (MHz)	Emission Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Raw Value (dBm)		Correction Factor (dB)	EIRP Level (dBm)
					Chain 0	Chain 1		
1	4890.62	59.59 PK	74	-14.41	-45.75	-48.33	8.17	-35.67
2	4953.12	48.07 AV	54	-5.93	-58.58	-58.17	8.17	-47.19
3	7287.5	60.64 PK	74	-13.36	-47.42	-44.62	8.17	-34.62
4	7301.56	48.41 AV	54	-5.59	-57.98	-58.09	8.17	-46.85

Remarks:
1. Margin value = Emission Level – Limit value
2. The other emission levels were very low against the limit.

Chain 0



Chain 1

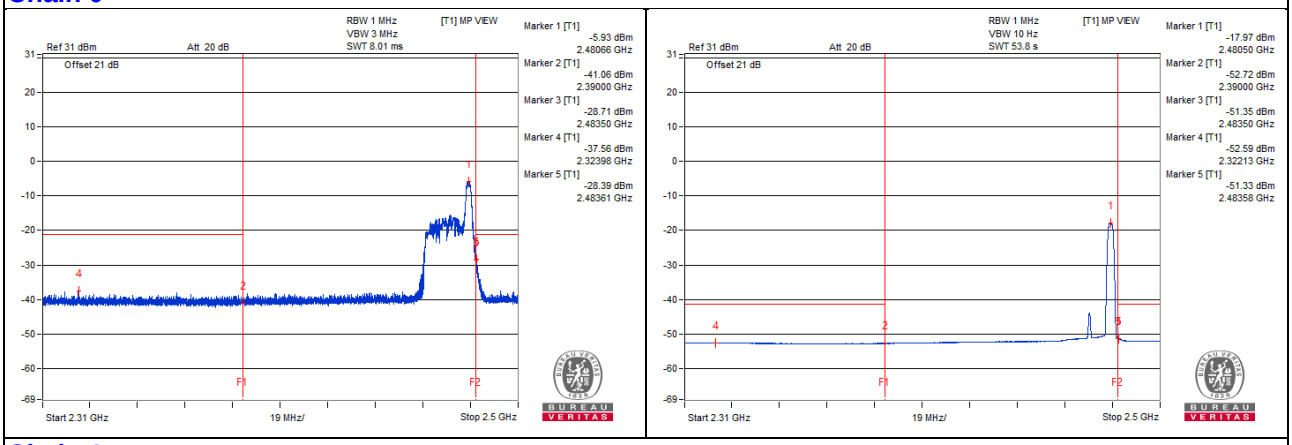


Bandedge table

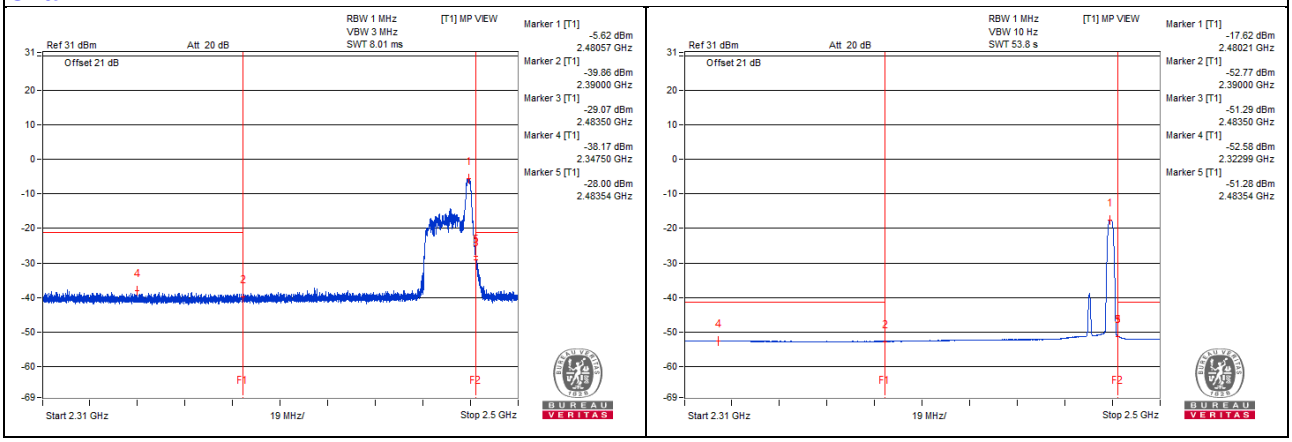
No.	Frequency (MHz)	Emission Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Raw Value (dBm)		Correction Factor (dB)	EIRP Level (dBm)
					Chain 0	Chain 1		
1	2323.98	65.88 PK	74	-8.12	-37.56	-40.95	6.54	-29.38
2	2310.45	52.25 AV	54	-1.75	-52.57	-52.55	6.54	-43.01
3	2483.54	76.37 PK	74	! 2.37	-28.94	-28	6.54	-18.89
4	2483.54	53.5 AV	54	-0.5	-51.35	-51.28	6.54	-41.76

Remarks:
1. Margin value = Emission Level – Limit value
2. The other emission levels were very low against the limit.
3. " ! " : The unwanted emission was verified and the test result was passed by radiated measurement. (Please refer Appendix B)

Chain 0



Chain 1



802.11ax (RU242)

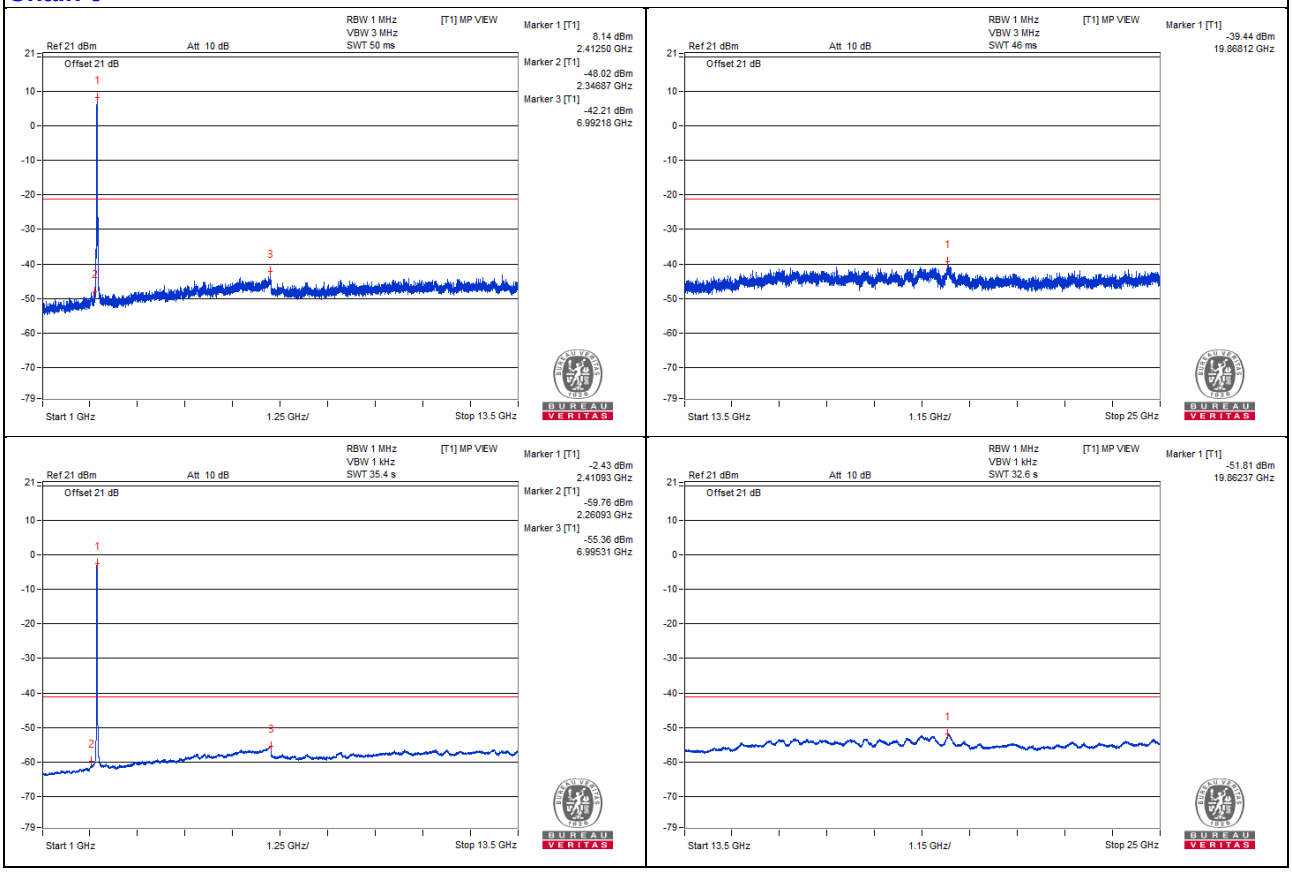
Channel 1

Conducted spurious emission table

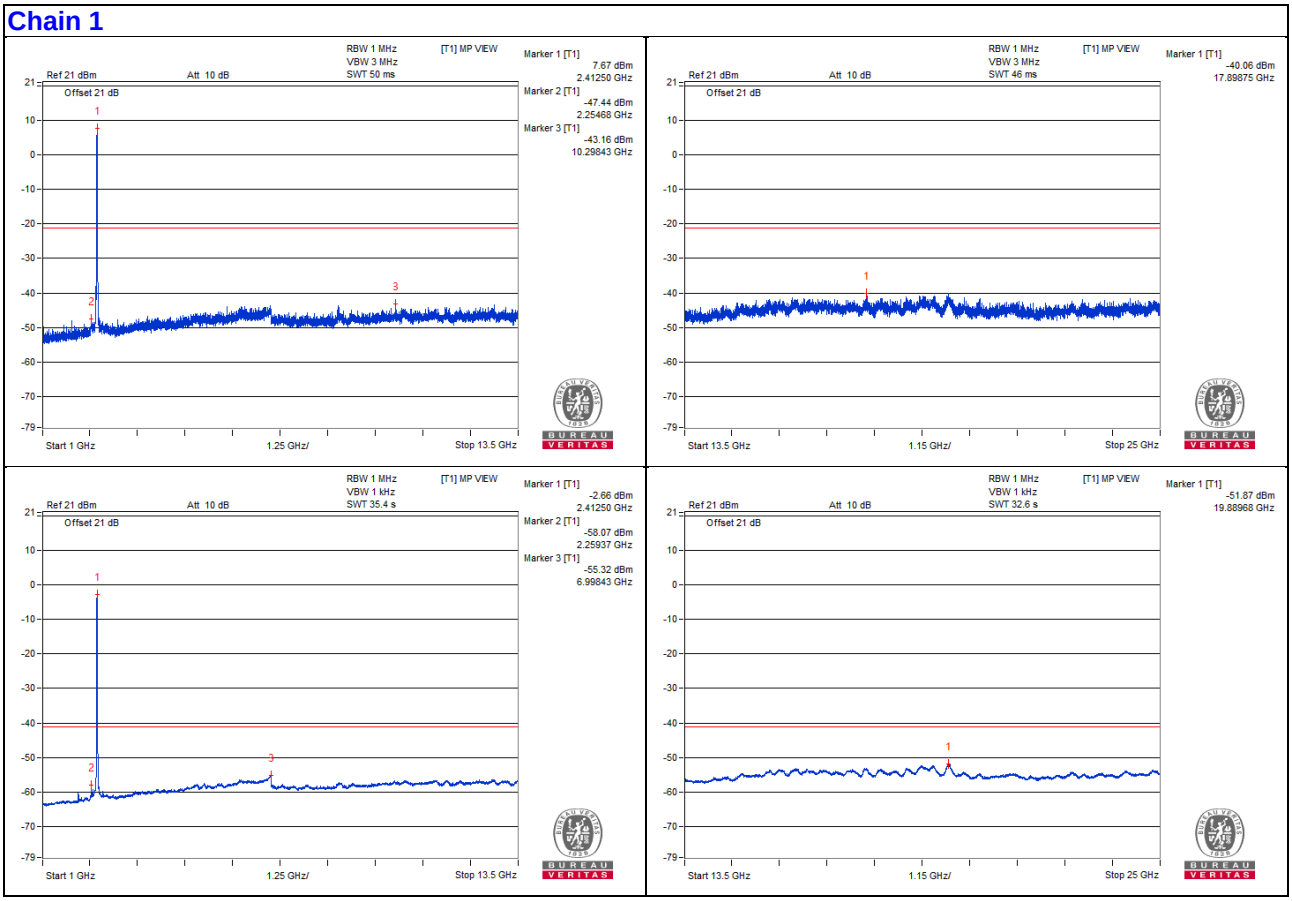
No.	Frequency (MHz)	Emission Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Raw Value (dBm)		Correction Factor (dB)	EIRP Level (dBm)
					Chain 0	Chain 1		
1	4950	59.43 PK	74	-14.57	-47.85	-46.3	8.17	-35.83
2	4951.56	47.99 AV	54	-6.01	-58.46	-58.45	8.17	-47.27
3	7315.62	59.92 PK	74	-14.08	-45.48	-47.89	8.17	-35.34
4	7309.37	48.46 AV	54	-5.54	-58.27	-57.71	8.17	-46.80

Remarks:
1. Margin value = Emission Level – Limit value
2. The other emission levels were very low against the limit.

Chain 0



Chain 1

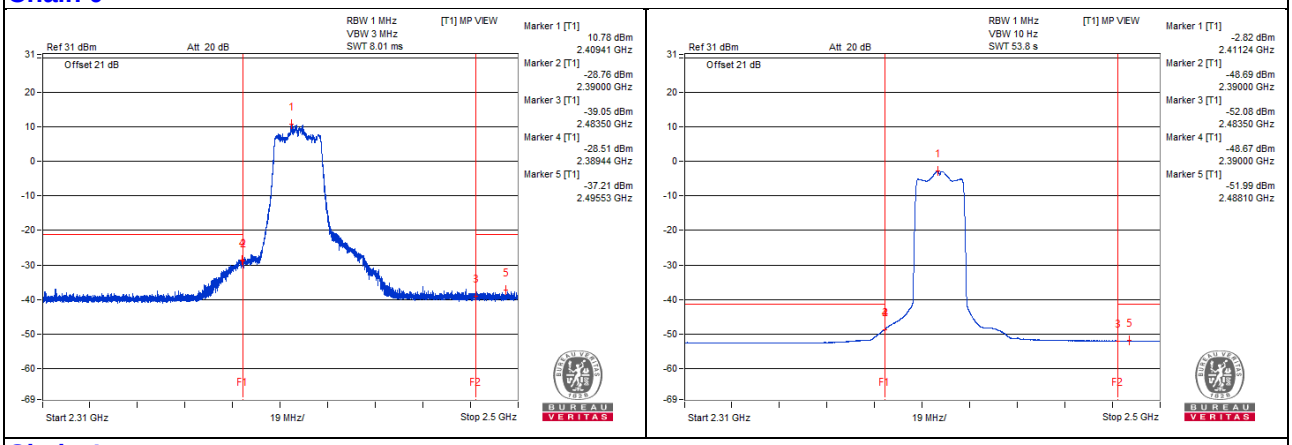


Bandedge table

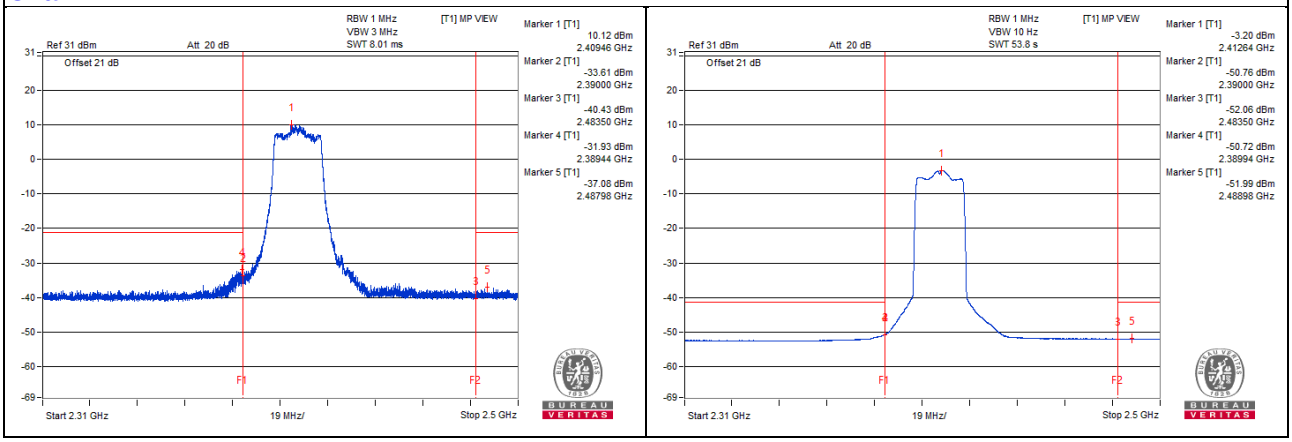
No.	Frequency (MHz)	Emission Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Raw Value (dBm)		Correction Factor (dB)	EIRP Level (dBm)
					Chain 0	Chain 1		
1	2389.44	74.92 PK	74	! 0.92	-28.51	-31.93	6.54	-20.34
2	2389.96	55.21 AV	54	! 1.21	-48.7	-50.74	6.54	-40.05
3	2487.98	67.04 PK	74	-6.96	-38.6	-37.08	6.54	-28.22
4	2488.98	52.8 AV	54	-1.2	-52.03	-51.99	6.54	-42.46

Remarks:
1. Margin value = Emission Level – Limit value
2. The other emission levels were very low against the limit.
3. " ! " : The unwanted emission was verified and the test result was passed by radiated measurement. (Please refer Appendix B)

Chain 0



Chain 1



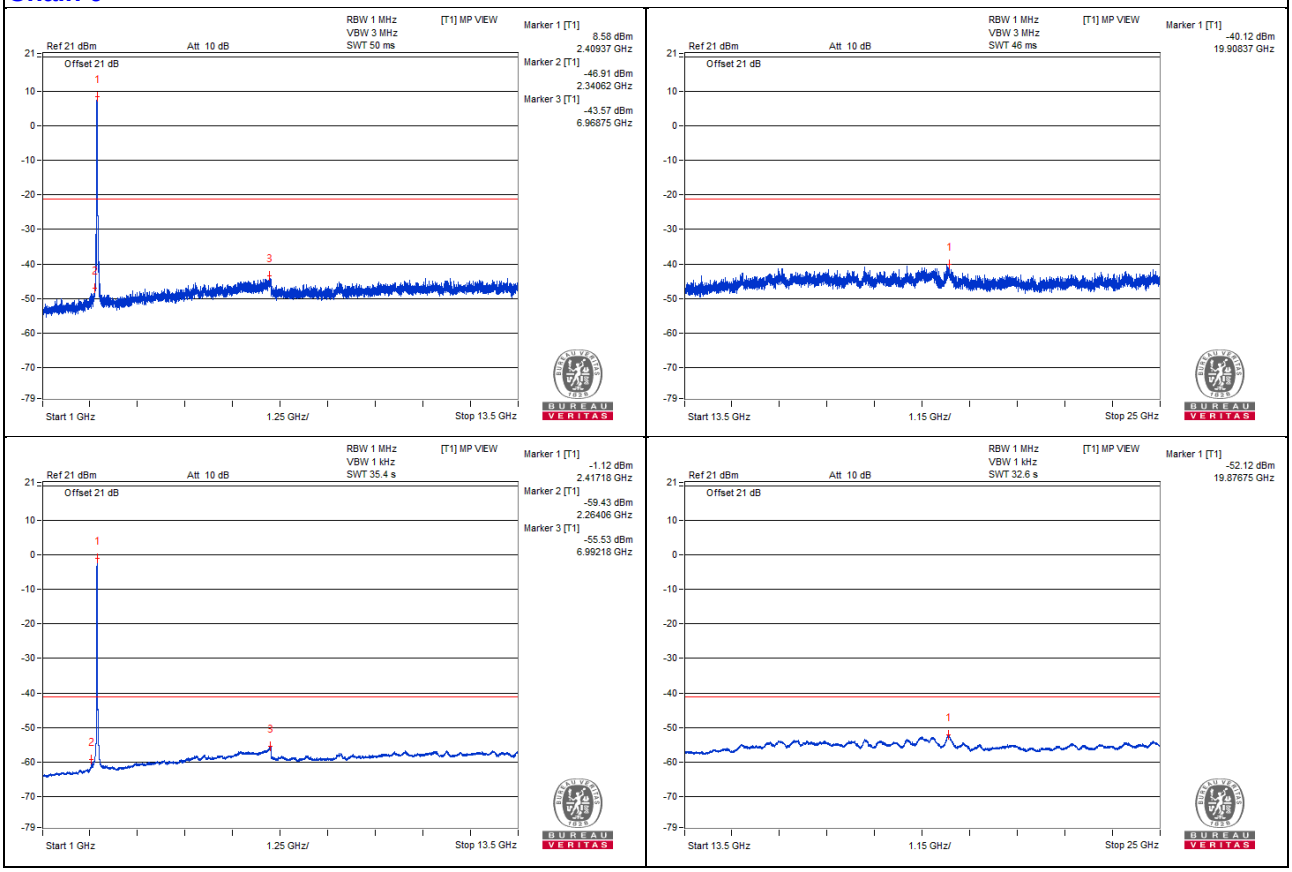
Channel 2

Conducted spurious emission table

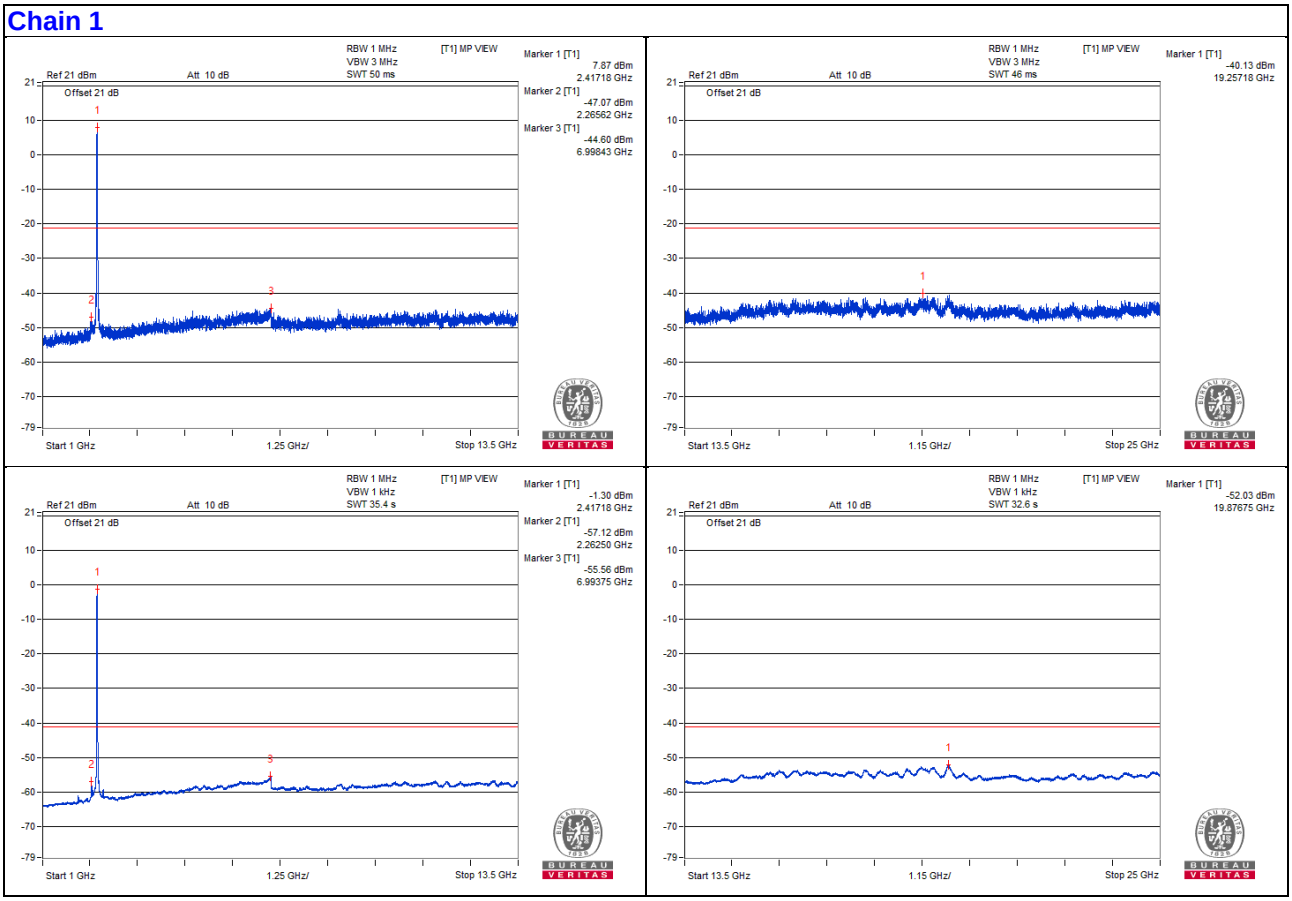
No.	Frequency (MHz)	Emission Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Raw Value (dBm)		Correction Factor (dB)	EIRP Level (dBm)
					Chain 0	Chain 1		
1	4923.43	59.92 PK	74	-14.08	-48.36	-45.23	8.17	-35.34
2	4946.87	47.51 AV	54	-6.49	-58.95	-58.91	8.17	-47.75
3	7295.31	58.78 PK	74	-15.22	-47.16	-48.23	8.17	-36.48
4	7295.31	48.02 AV	54	-5.98	-58.4	-58.45	8.17	-47.24

Remarks:
1. Margin value = Emission Level – Limit value
2. The other emission levels were very low against the limit.

Chain 0



Chain 1

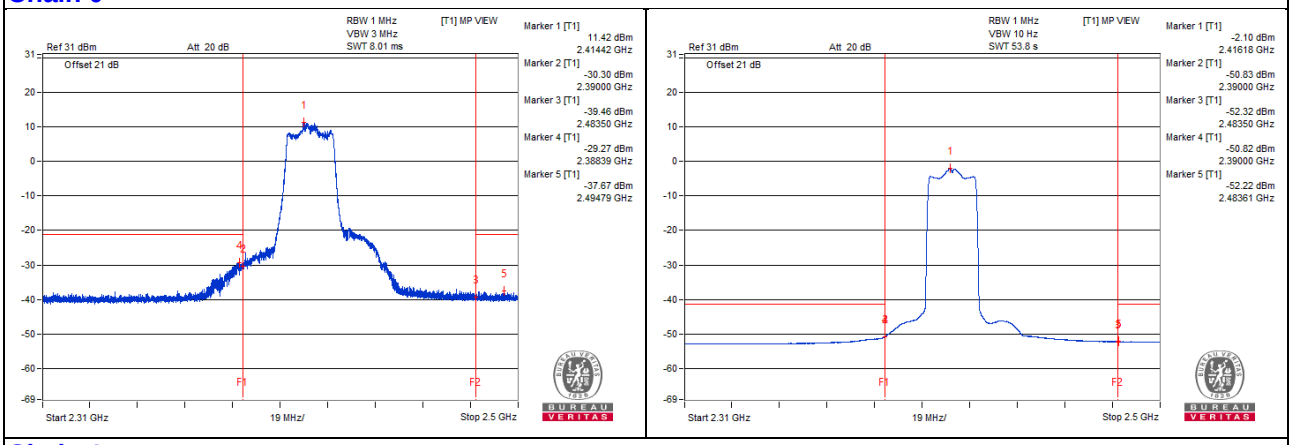


Bandedge table

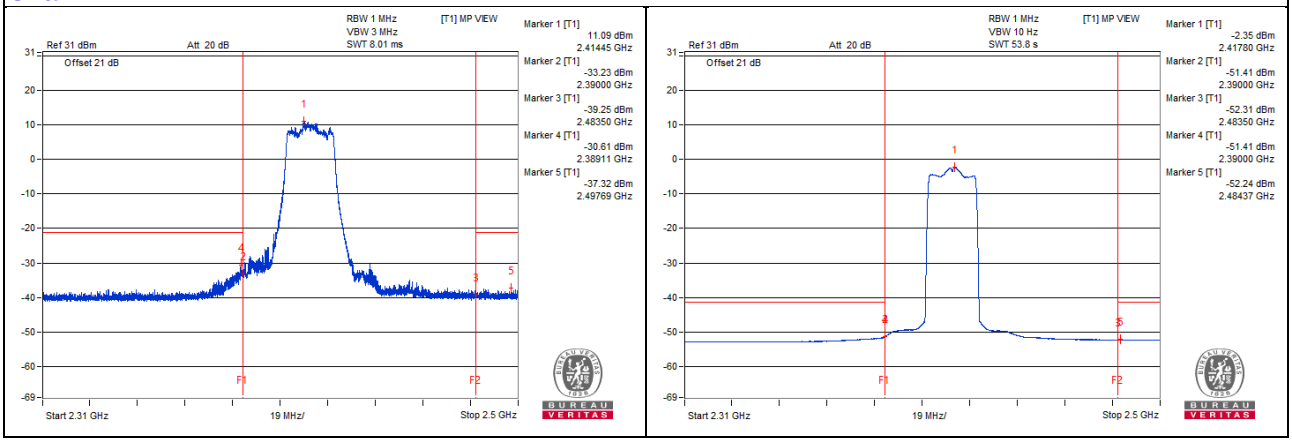
No.	Frequency (MHz)	Emission Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Raw Value (dBm)		Correction Factor (dB)	EIRP Level (dBm)
					Chain 0	Chain 1		
1	2389.08	74.12 PK	74	! 0.12	-30.28	-31.14	6.54	-21.14
2	2389.99	53.7 AV	54	-0.3	-50.83	-51.41	6.54	-41.56
3	2487.29	66.86 PK	74	-7.14	-38.17	-37.75	6.54	-28.40
4	2483.94	52.55 AV	54	-1.45	-52.24	-52.29	6.54	-42.71

Remarks:
1. Margin value = Emission Level – Limit value
2. The other emission levels were very low against the limit.
3. " ! " : The unwanted emission was verified and the test result was passed by radiated measurement. (Please refer Appendix B)

Chain 0



Chain 1



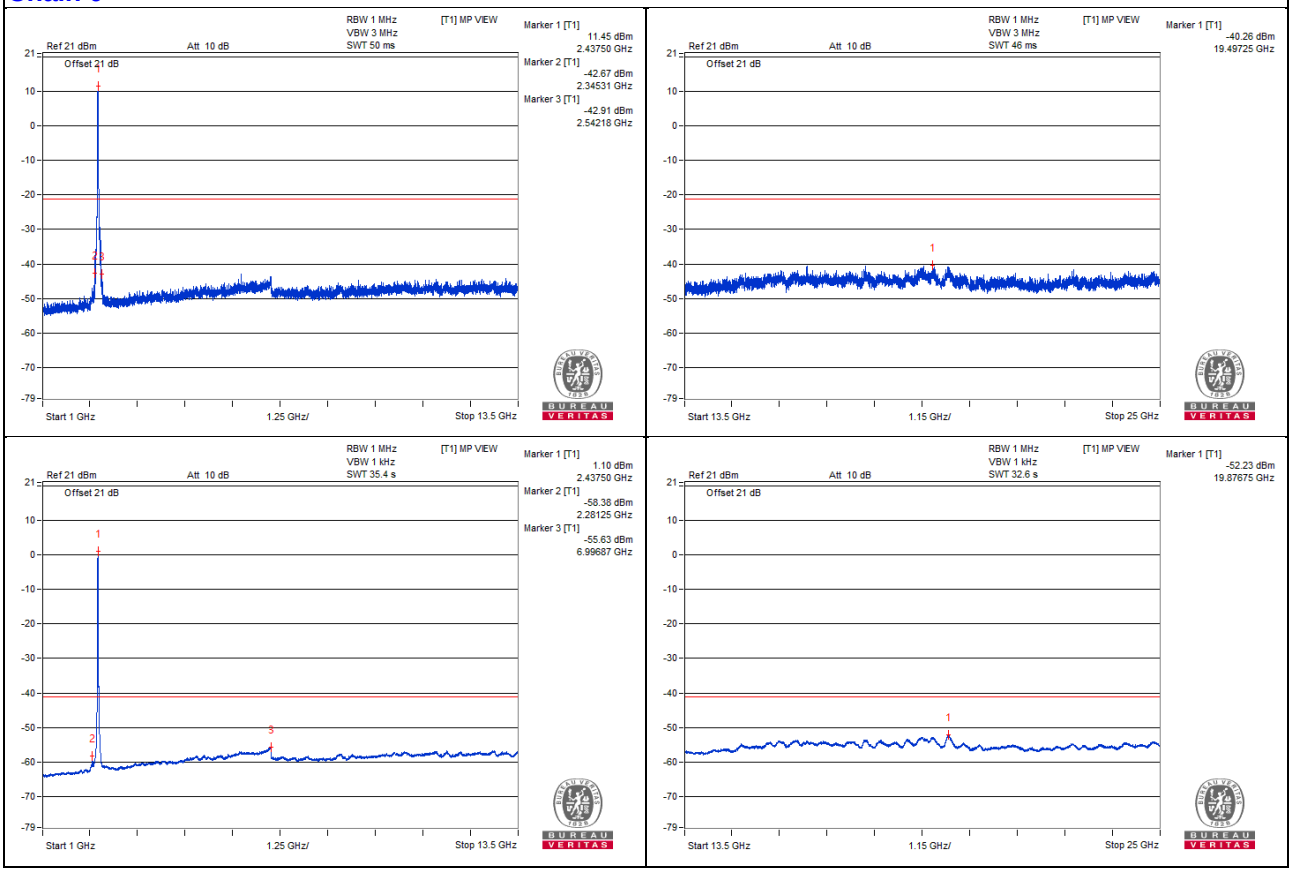
Channel 6

Conducted spurious emission table

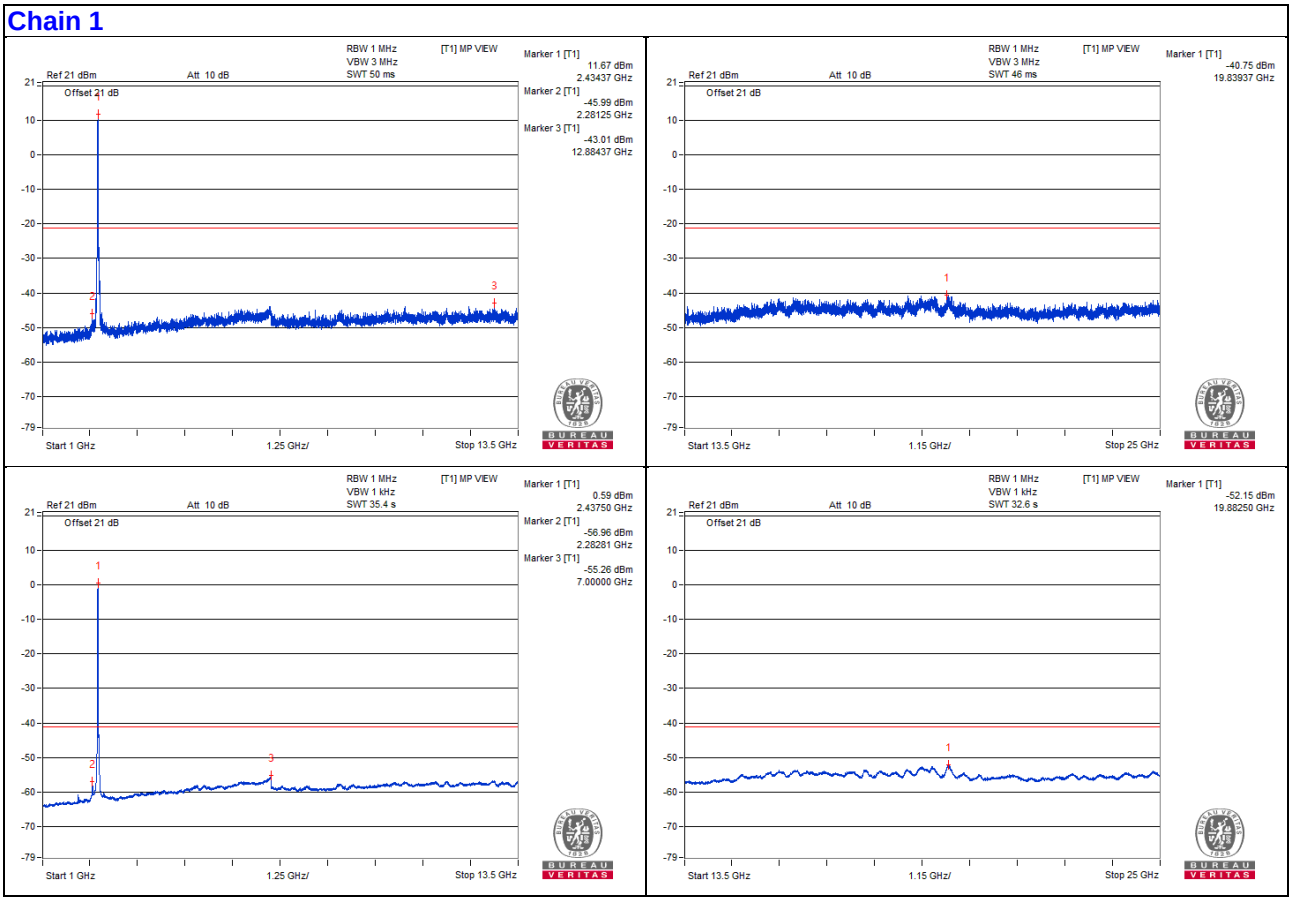
No.	Frequency (MHz)	Emission Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Raw Value (dBm)		Correction Factor (dB)	EIRP Level (dBm)
					Chain 0	Chain 1		
1	4943.75	59.12 PK	74	-14.88	-48.61	-46.33	8.17	-36.14
2	4953.12	47.59 AV	54	-6.41	-58.93	-58.77	8.17	-47.67
3	7279.68	59.72 PK	74	-14.28	-46.76	-46.69	8.17	-35.54
4	7303.12	47.97 AV	54	-6.03	-58.45	-58.49	8.17	-47.29

Remarks:
1. Margin value = Emission Level – Limit value
2. The other emission levels were very low against the limit.

Chain 0



Chain 1

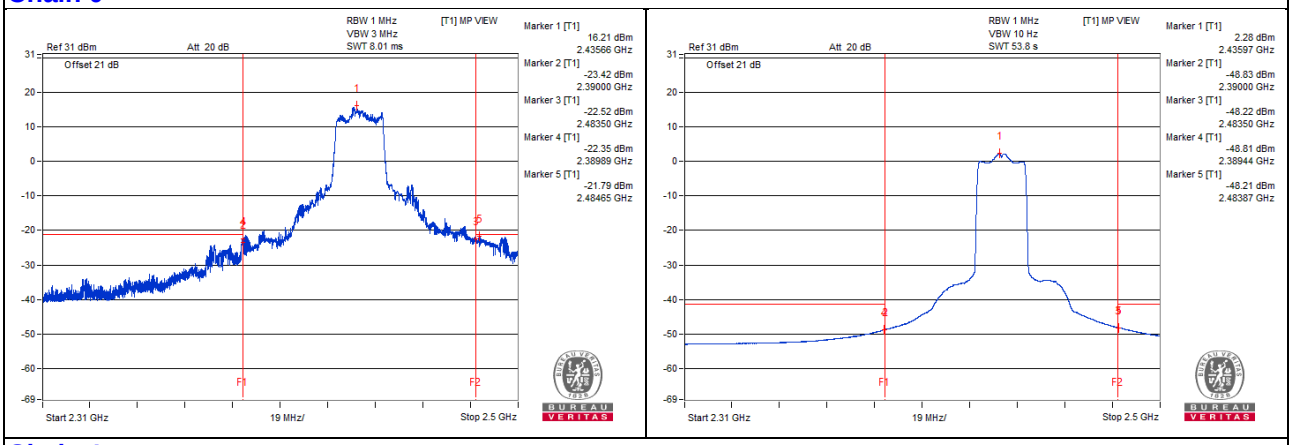


Bandedge table

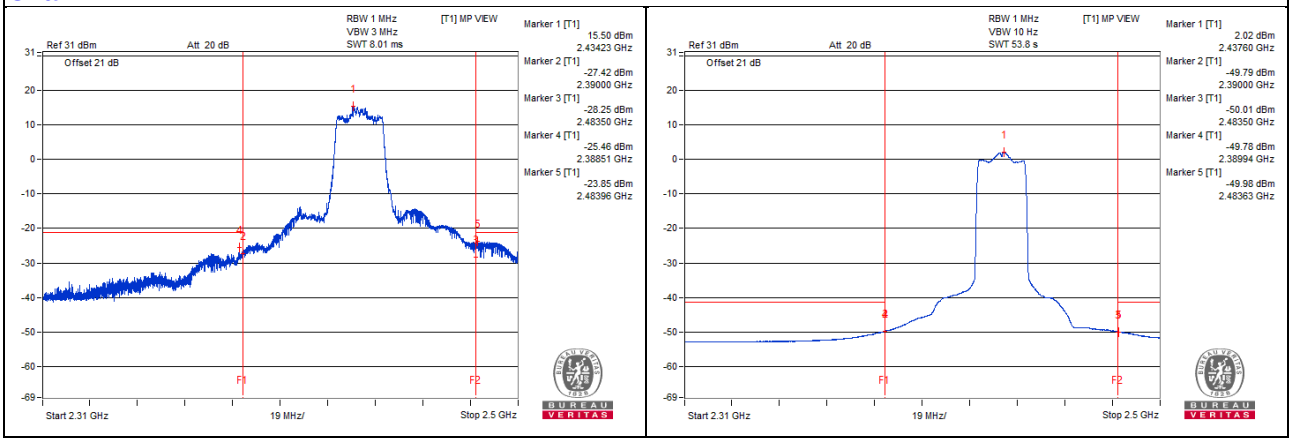
No.	Frequency (MHz)	Emission Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Raw Value (dBm)		Correction Factor (dB)	EIRP Level (dBm)
					Chain 0	Chain 1		
1	2389.96	80.63 PK	74	! 6.63	-22.58	-26.75	6.54	-14.63
2	2389.99	55.53 AV	54	! 1.53	-48.83	-49.79	6.54	-39.73
3	2484.68	81.79 PK	74	! 7.79	-21.87	-24.59	6.54	-13.47
4	2483.87	55.78 AV	54	! 1.78	-48.21	-50.03	6.54	-39.48

Remarks:
1. Margin value = Emission Level – Limit value
2. The other emission levels were very low against the limit.
3. " ! " : The unwanted emission was verified and the test result was passed by radiated measurement. (Please refer Appendix B)

Chain 0



Chain 1



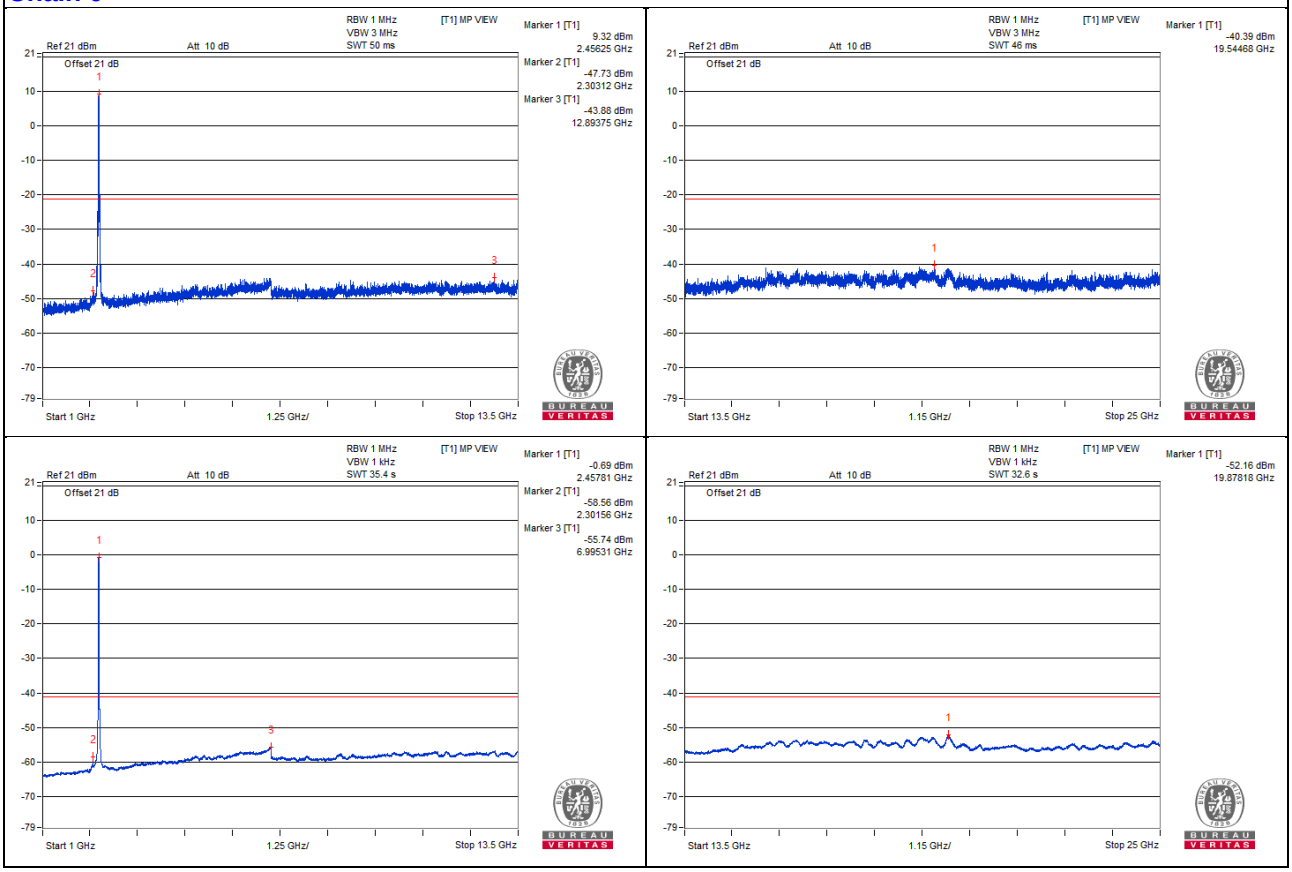
Channel 10

Conducted spurious emission table

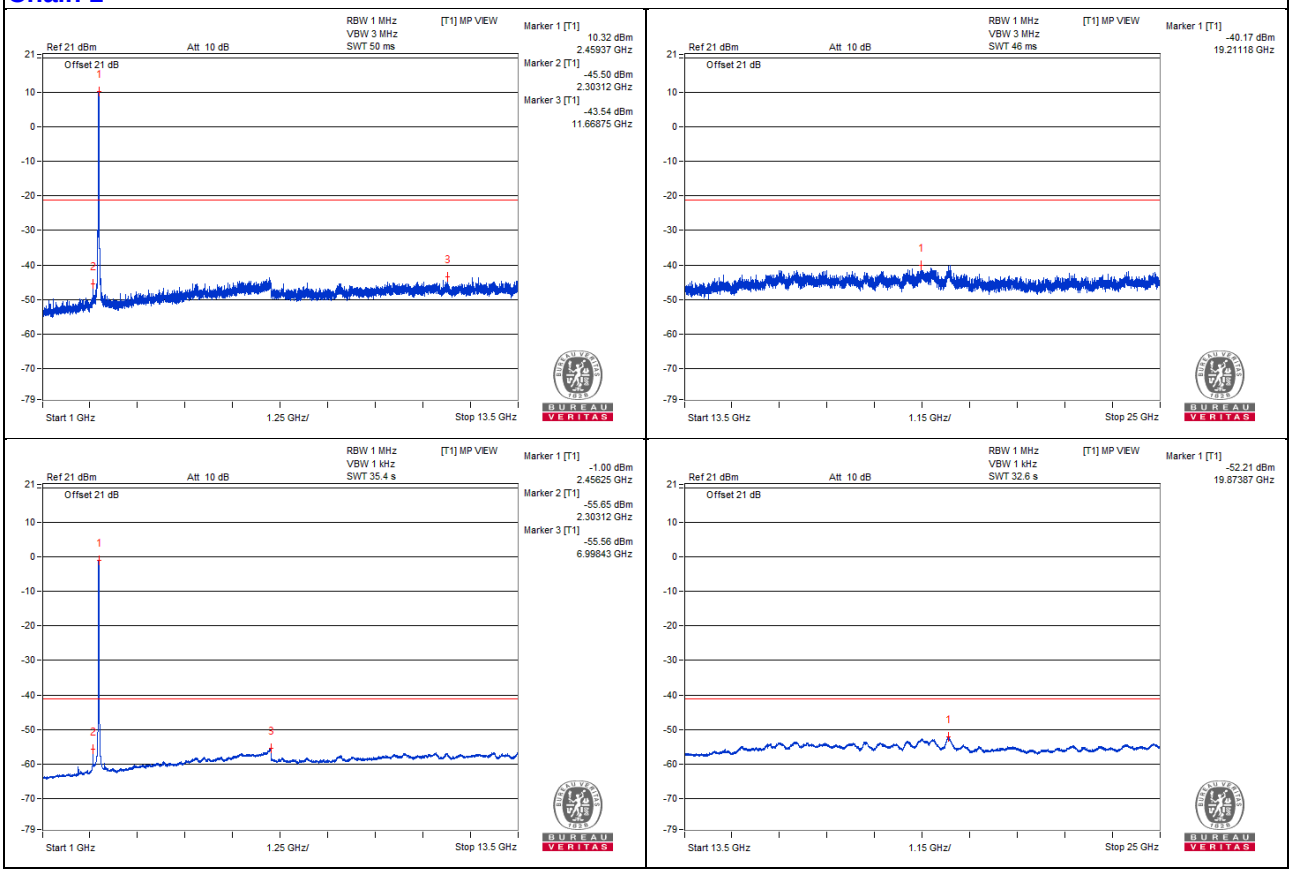
No.	Frequency (MHz)	Emission Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Raw Value (dBm)		Correction Factor (dB)	EIRP Level (dBm)
					Chain 0	Chain 1		
1	4926.56	60.24 PK	74	-13.76	-47	-45.52	8.17	-35.02
2	4945.31	47.66 AV	54	-6.34	-59	-58.58	8.17	-47.60
3	7332.81	60.02 PK	74	-13.98	-47.26	-45.71	8.17	-35.24
4	7287.5	48.01 AV	54	-5.99	-58.55	-58.31	8.17	-47.25

Remarks:
1. Margin value = Emission Level – Limit value
2. The other emission levels were very low against the limit.

Chain 0



Chain 1

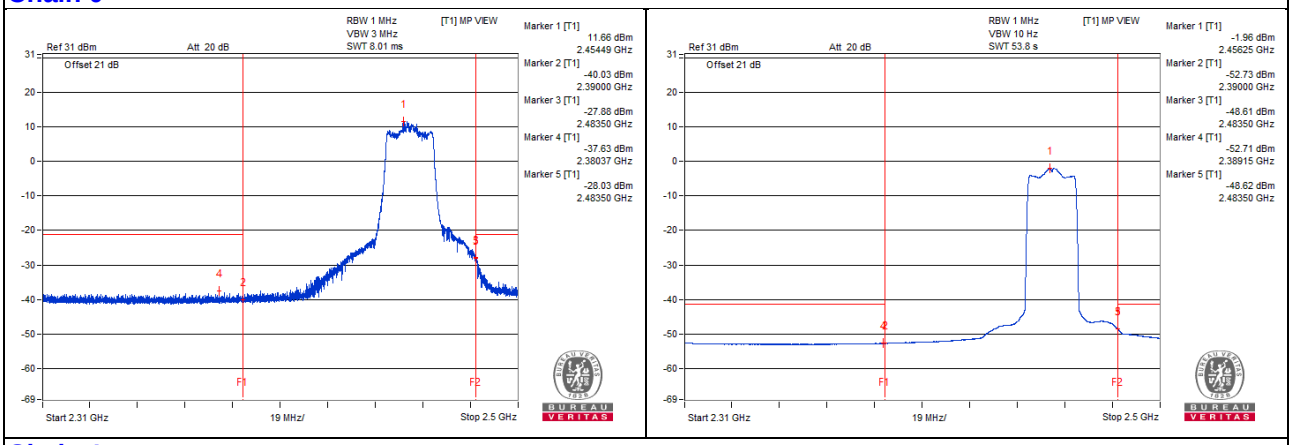


Bandedge table

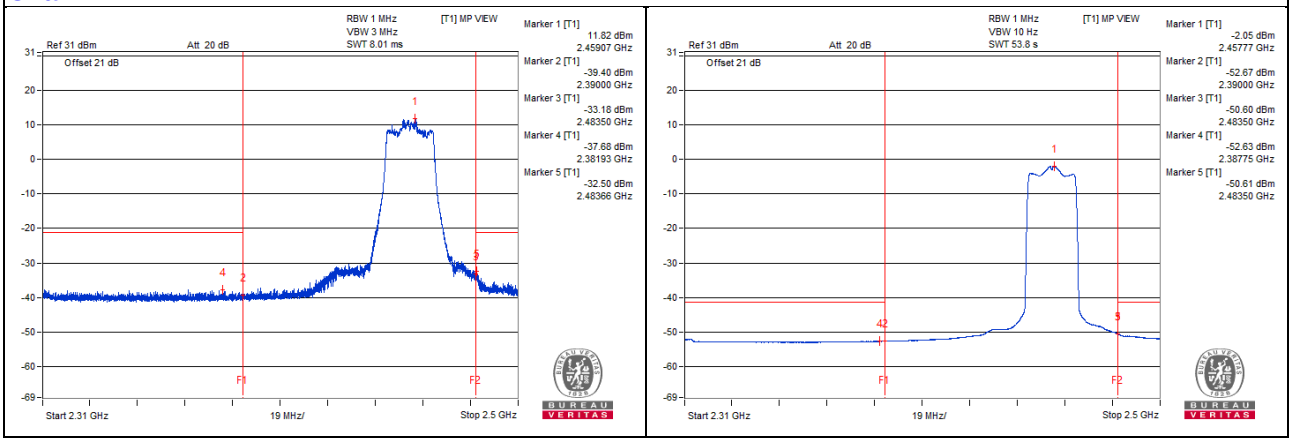
No.	Frequency (MHz)	Emission Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Raw Value (dBm)		Correction Factor (dB)	EIRP Level (dBm)
					Chain 0	Chain 1		
1	2388.06	66.27 PK	74	-7.73	-38.26	-38.83	6.54	-28.99
2	2311.06	52.44 AV	54	-1.56	-52.59	-52.17	6.54	-42.82
3	2483.73	74.62 PK	74	! 0.62	-28.22	-33.9	6.54	-20.64
4	2483.51	55.29 AV	54	! 1.29	-48.65	-50.61	6.54	-39.97

Remarks:
1. Margin value = Emission Level – Limit value
2. The other emission levels were very low against the limit.
3. " ! " : The unwanted emission was verified and the test result was passed by radiated measurement. (Please refer Appendix B)

Chain 0



Chain 1



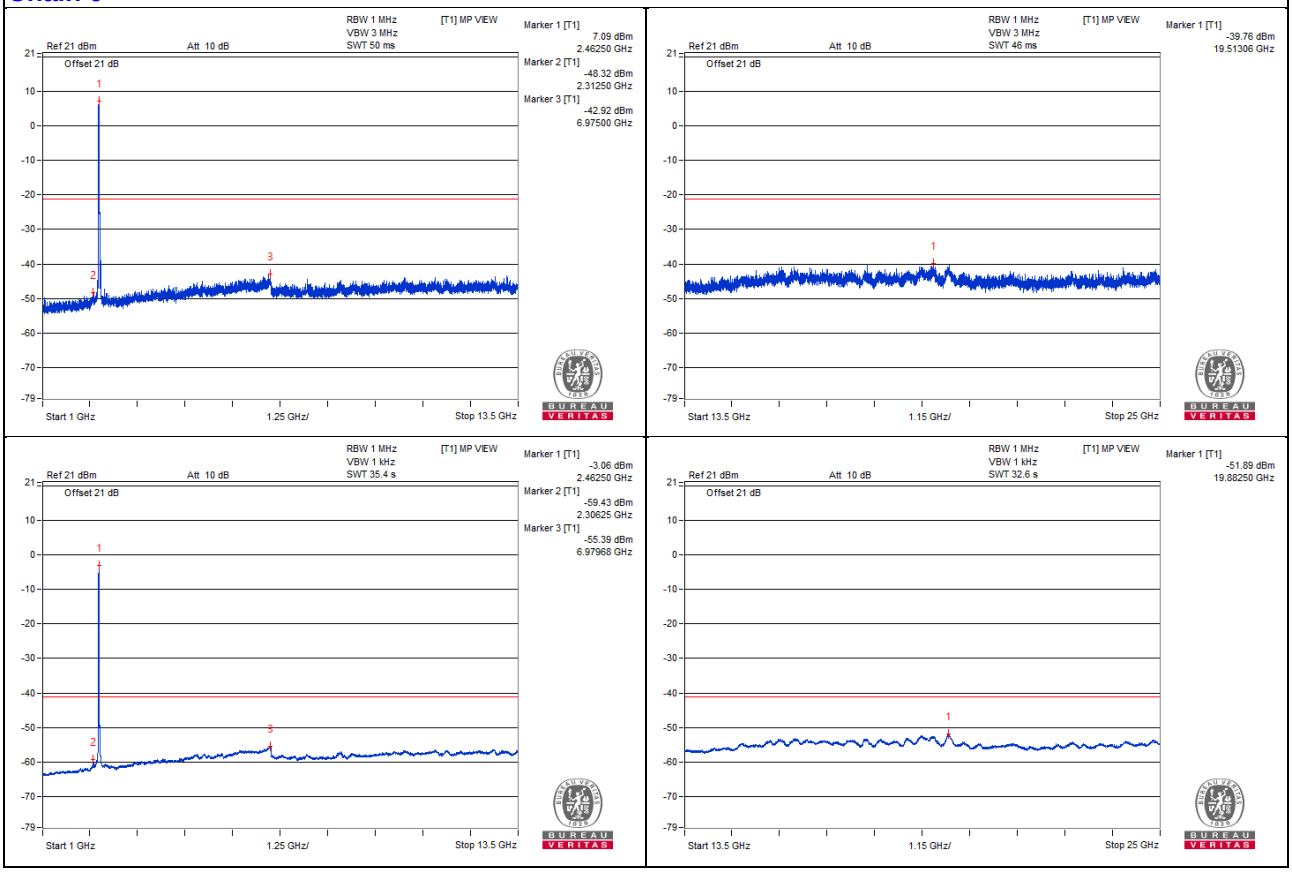
Channel 11

Conducted spurious emission table

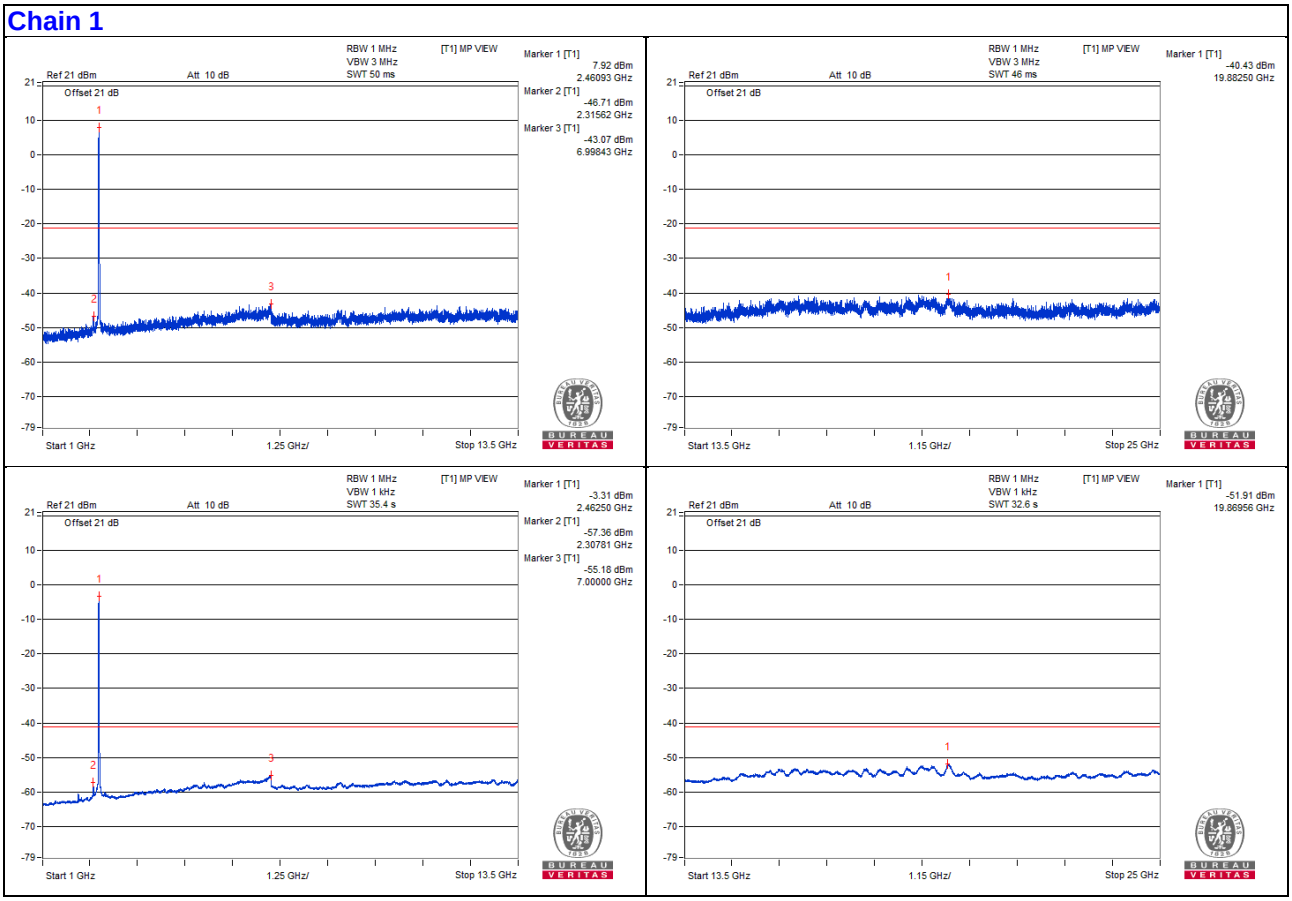
No.	Frequency (MHz)	Emission Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Raw Value (dBm)		Correction Factor (dB)	EIRP Level (dBm)
					Chain 0	Chain 1		
1	4868.75	59.25 PK	74	-14.75	-46.44	-48.11	8.17	-36.01
2	4931.25	47.9 AV	54	-6.1	-58.77	-58.33	8.17	-47.36
3	7303.12	60.01 PK	74	-13.99	-46.79	-46.09	8.17	-35.25
4	7306.25	48.34 AV	54	-5.66	-58.19	-58.02	8.17	-46.92

Remarks:
1. Margin value = Emission Level – Limit value
2. The other emission levels were very low against the limit.

Chain 0



Chain 1

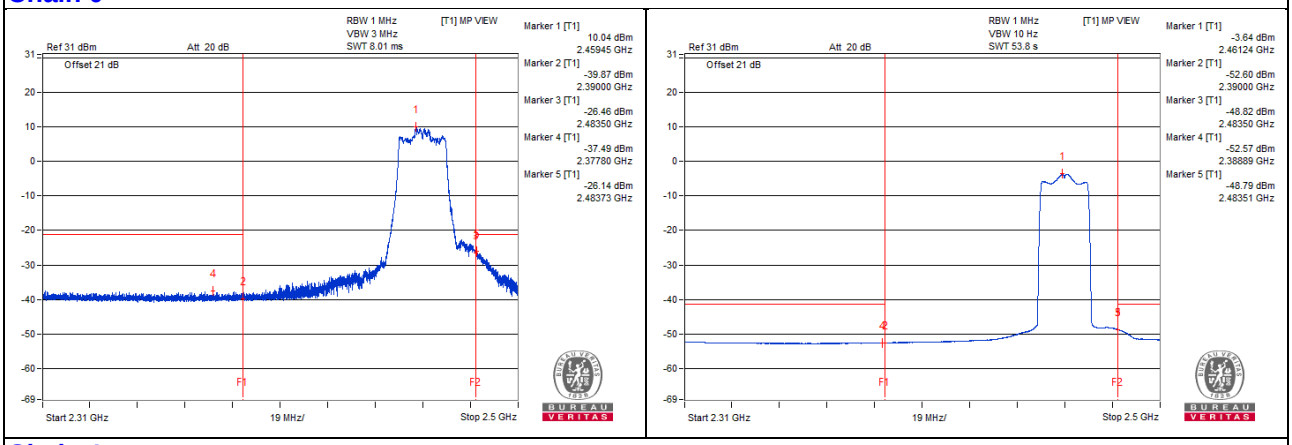


Bandedge table

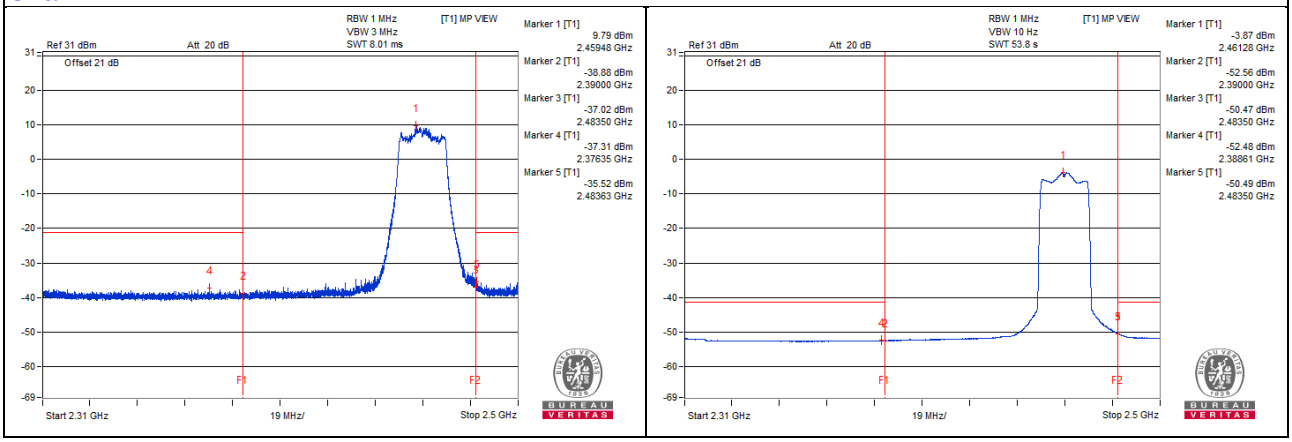
No.	Frequency (MHz)	Emission Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Raw Value (dBm)		Correction Factor (dB)	EIRP Level (dBm)
					Chain 0	Chain 1		
1	2310.68	66.73 PK	74	-7.27	-37.46	-38.81	6.54	-28.53
2	2310.02	52.67 AV	54	-1.33	-52.33	-51.95	6.54	-42.59
3	2483.73	76.03 PK	74	! 2.03	-26.14	-36.59	6.54	-19.23
4	2483.51	55.24 AV	54	! 1.24	-48.79	-50.51	6.54	-40.02

Remarks:
1. Margin value = Emission Level – Limit value
2. The other emission levels were very low against the limit.
3. " ! " : The unwanted emission was verified and the test result was passed by radiated measurement. (Please refer Appendix B)

Chain 0



Chain 1



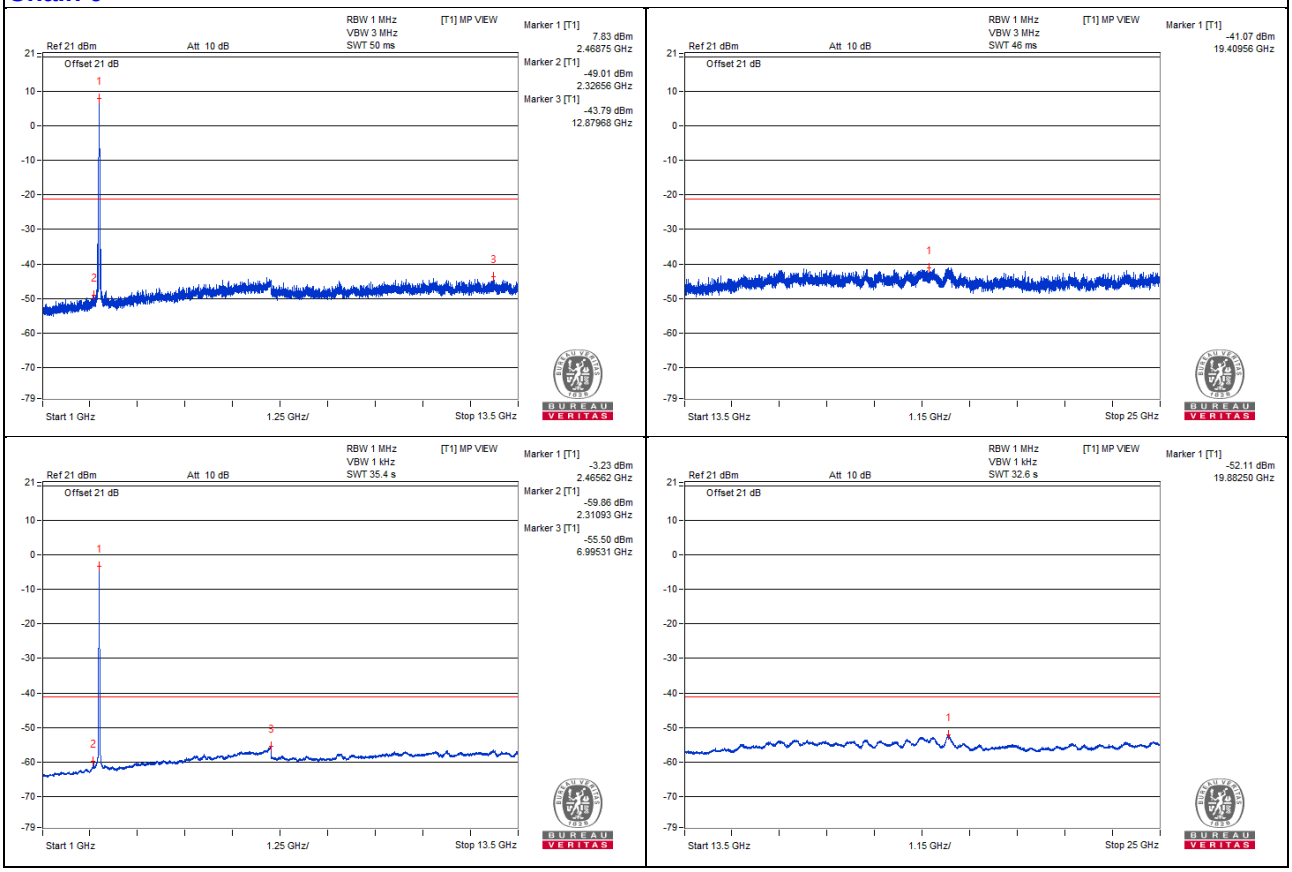
Channel 12

Conducted spurious emission table

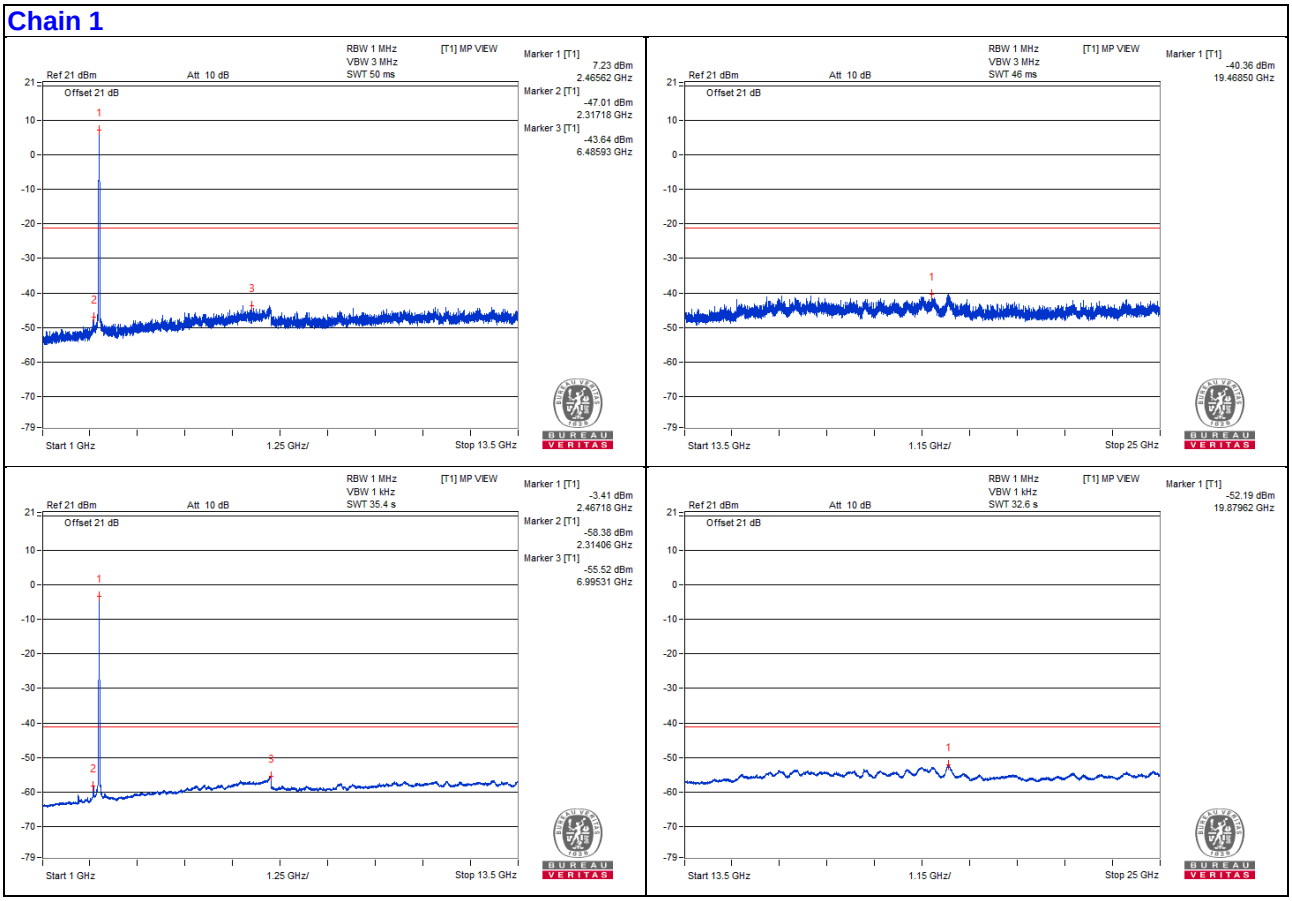
No.	Frequency (MHz)	Emission Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Raw Value (dBm)		Correction Factor (dB)	EIRP Level (dBm)
					Chain 0	Chain 1		
1	4848.43	59.39 PK	74	-14.61	-46.7	-47.44	8.17	-35.87
2	4951.56	47.57 AV	54	-6.43	-58.87	-58.88	8.17	-47.69
3	7326.56	59.98 PK	74	-14.02	-45.54	-47.63	8.17	-35.28
4	7293.75	48.05 AV	54	-5.95	-58.28	-58.51	8.17	-47.21

Remarks:
1. Margin value = Emission Level – Limit value
2. The other emission levels were very low against the limit.

Chain 0



Chain 1

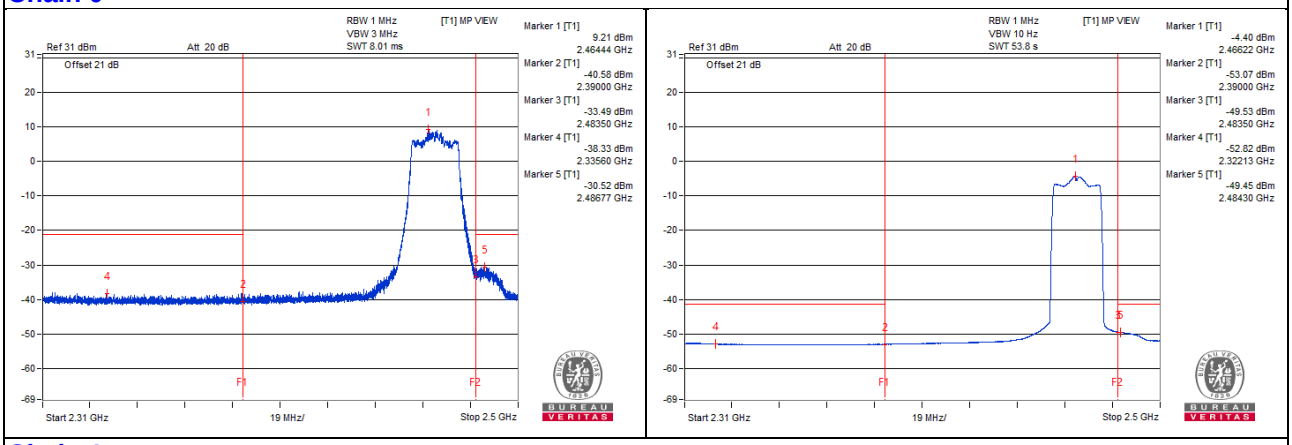


Bandedge table

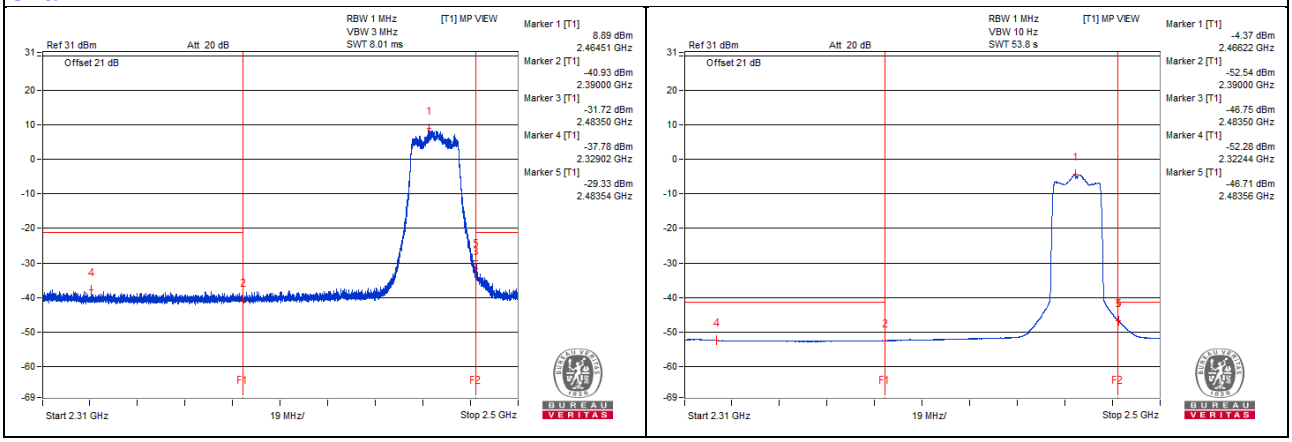
No.	Frequency (MHz)	Emission Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Raw Value (dBm)		Correction Factor (dB)	EIRP Level (dBm)
					Chain 0	Chain 1		
1	2322.61	66.1 PK	74	-7.9	-38.77	-38.66	6.54	-29.16
2	2312.85	52.41 AV	54	-1.59	-52.71	-52.11	6.54	-42.85
3	2483.54	74.43 PK	74	! 0.43	-31.76	-29.33	6.54	-20.83
4	2483.56	56.9 AV	54	! 2.9	-49.58	-46.71	6.54	-38.36

Remarks:
1. Margin value = Emission Level – Limit value
2. The other emission levels were very low against the limit.
3. " ! " : The unwanted emission was verified and the test result was passed by radiated measurement. (Please refer Appendix B)

Chain 0



Chain 1



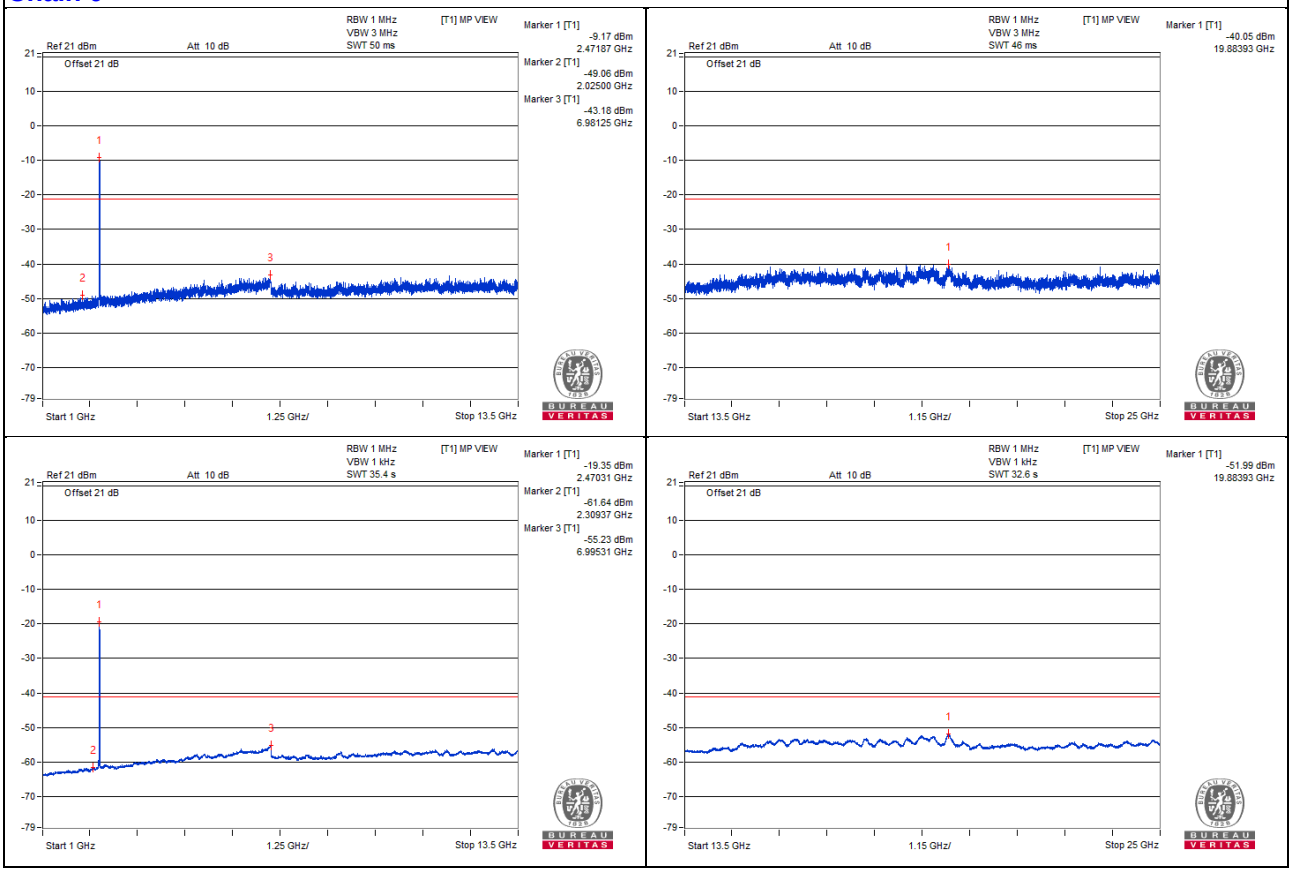
Channel 13

Conducted spurious emission table

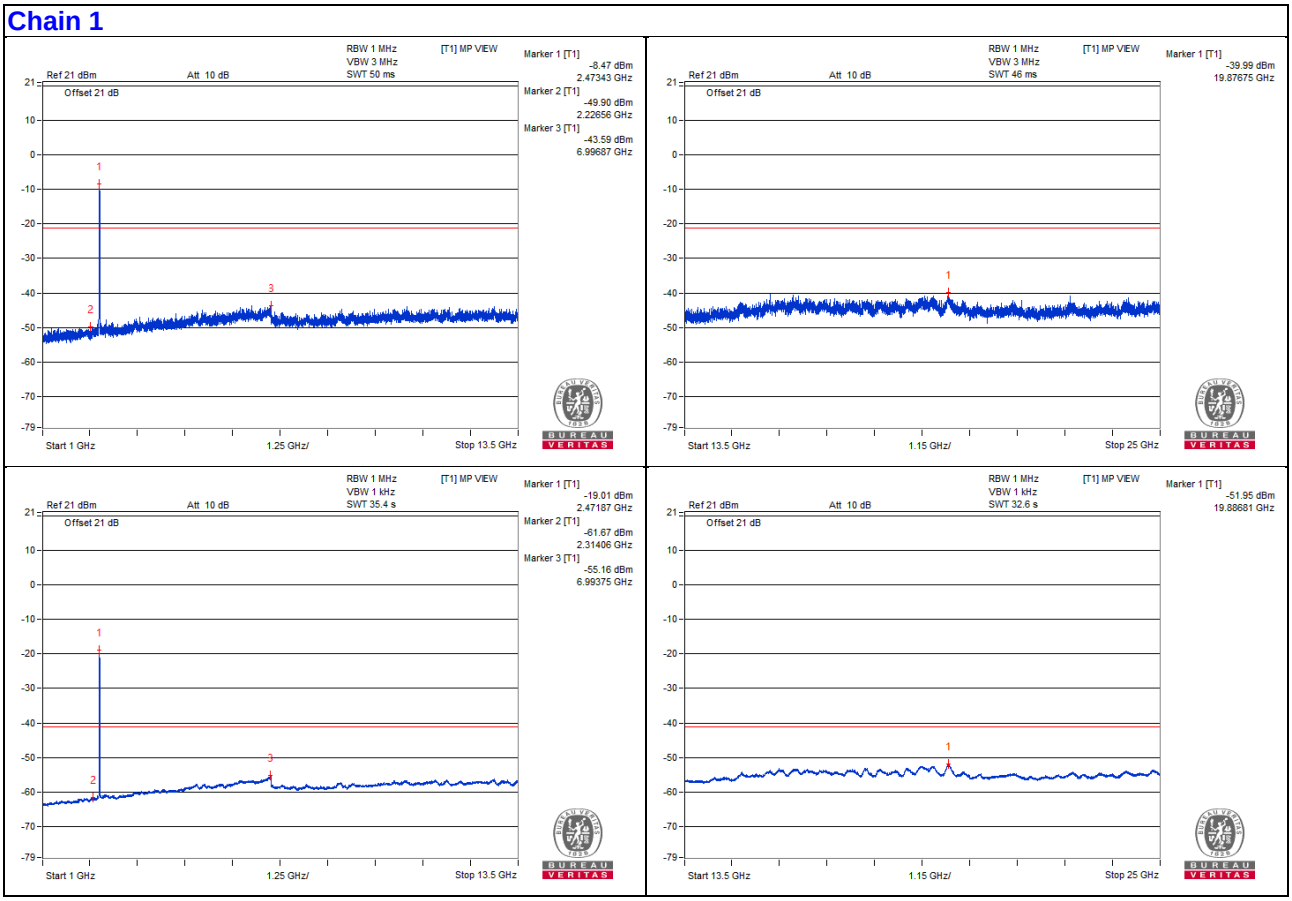
No.	Frequency (MHz)	Emission Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Raw Value (dBm)		Correction Factor (dB)	EIRP Level (dBm)
					Chain 0	Chain 1		
1	4910.93	59.35 PK	74	-14.65	-48.25	-46.17	8.17	-35.91
2	4946.87	48.06 AV	54	-5.94	-58.32	-58.44	8.17	-47.20
3	7300	60.44 PK	74	-13.56	-46.28	-45.73	8.17	-34.82
4	7300	48.34 AV	54	-5.66	-58.25	-57.95	8.17	-46.92

Remarks:
1. Margin value = Emission Level – Limit value
2. The other emission levels were very low against the limit.

Chain 0



Chain 1

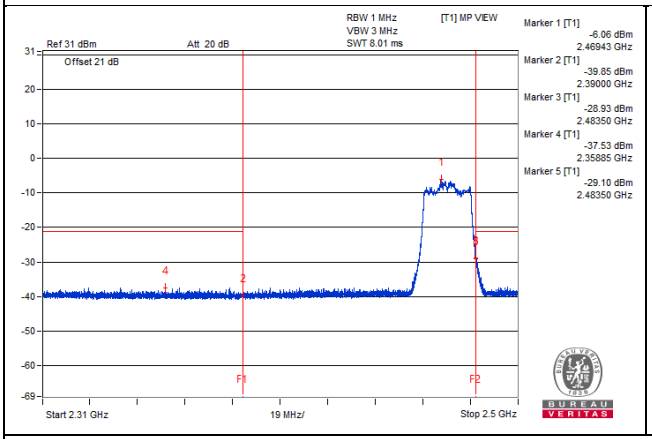


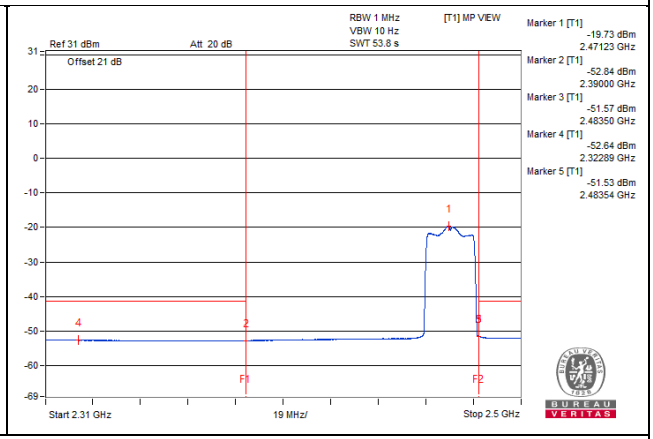
Bandedge table

No.	Frequency (MHz)	Emission Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Raw Value (dBm)		Correction Factor (dB)	EIRP Level (dBm)
					Chain 0	Chain 1		
1	2311.56	66.15 PK	74	-7.85	-38.93	-38.4	6.54	-29.11
2	2310.64	52.2 AV	54	-1.8	-52.59	-52.63	6.54	-43.06
3	2483.54	75.34 PK	74	! 1.34	-29.52	-29.42	6.54	-19.92
4	2483.54	53.29 AV	54	-0.71	-51.53	-51.51	6.54	-41.97

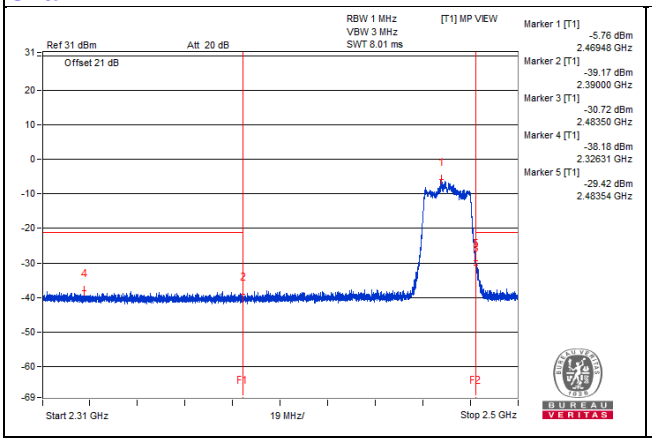
Remarks:
1. Margin value = Emission Level – Limit value
2. The other emission levels were very low against the limit.
3. " ! " : The unwanted emission was verified and the test result was passed by radiated measurement. (Please refer Appendix B)

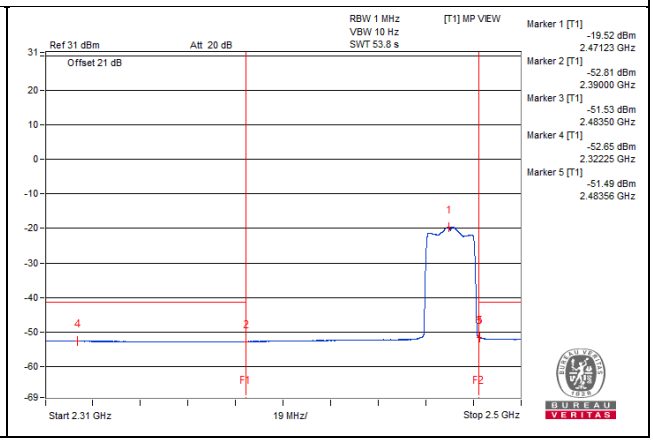
Chain 0





Chain 1





40MHz Preamble

802.11ax (RU484)

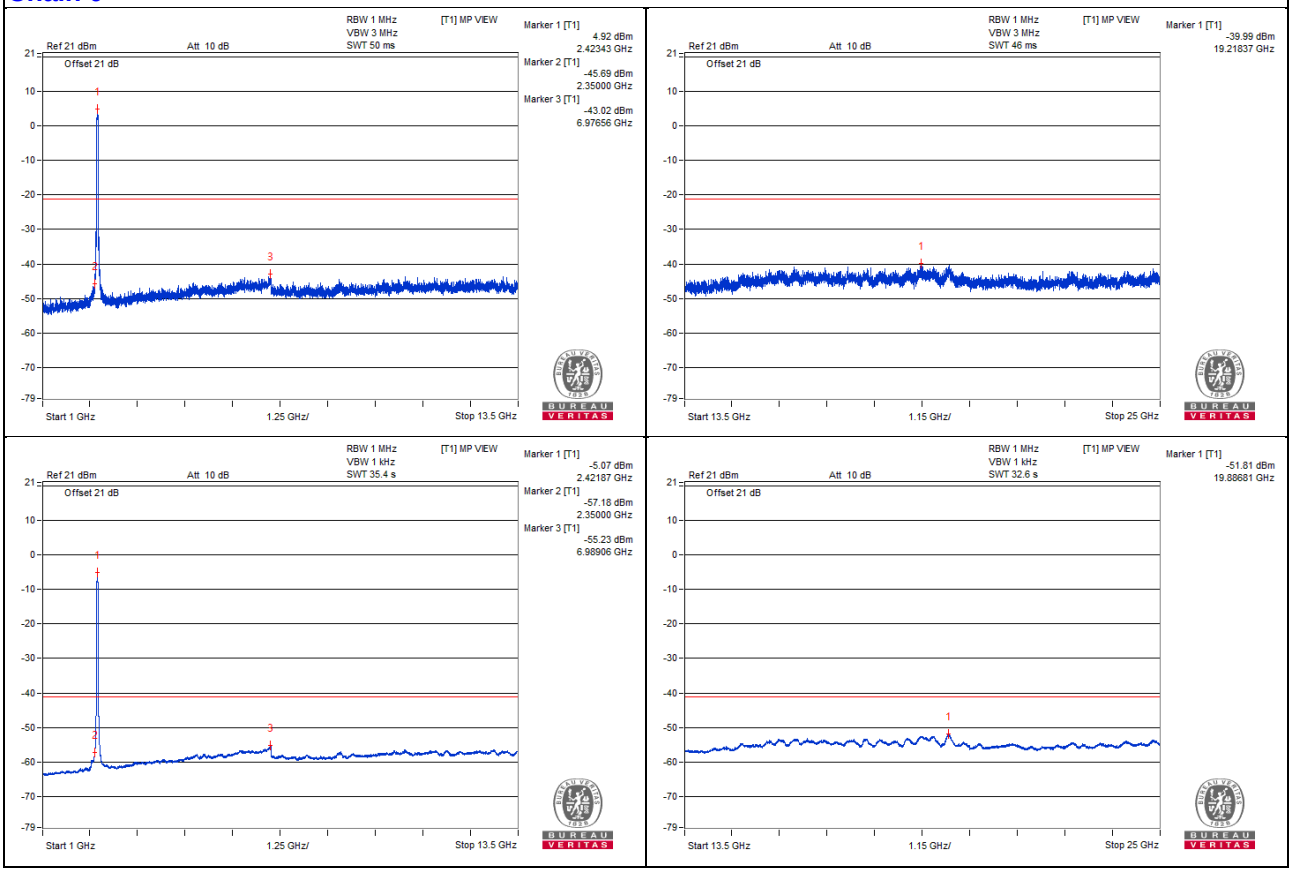
Channel 3

Conducted spurious emission table

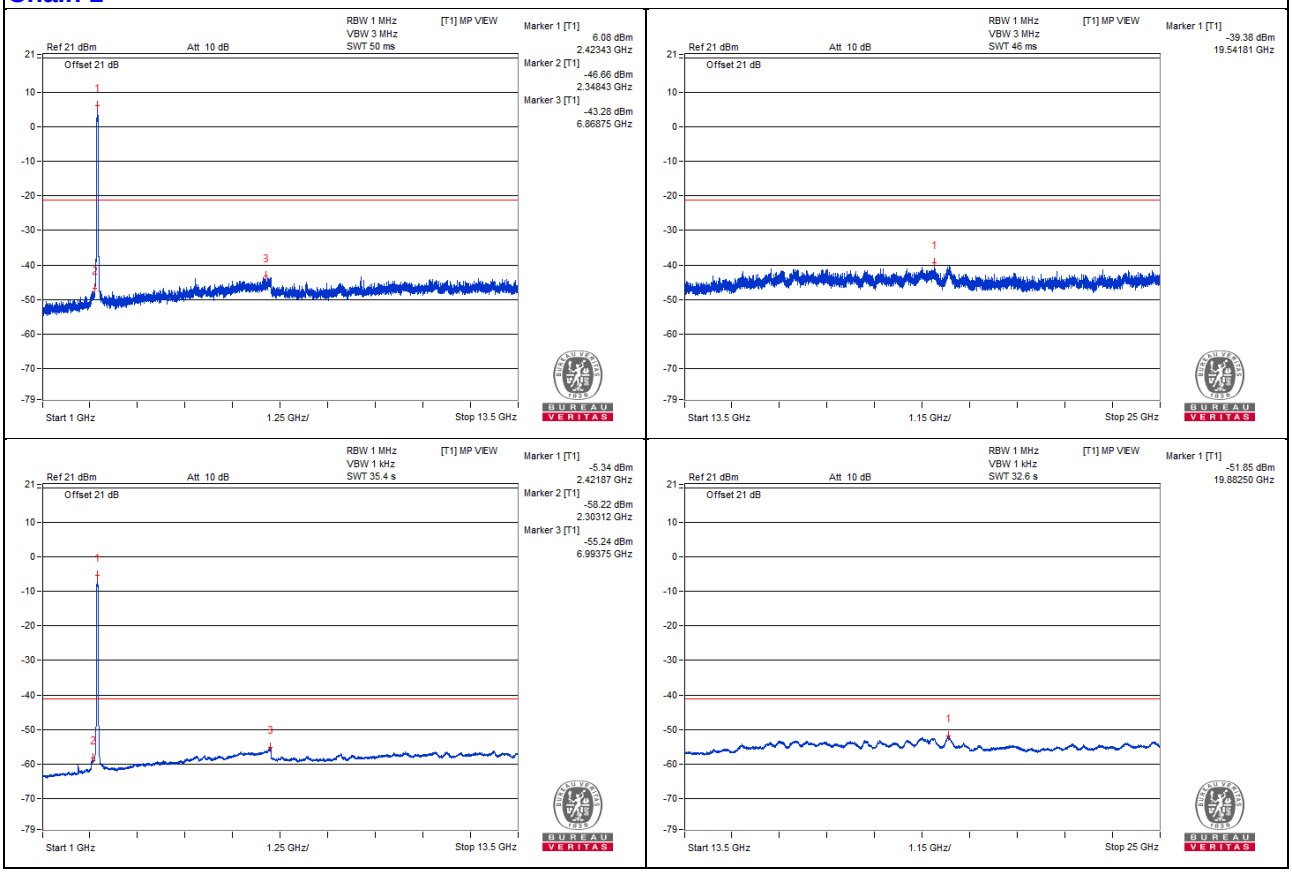
No.	Frequency (MHz)	Emission Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Raw Value (dBm)		Correction Factor (dB)	EIRP Level (dBm)
					Chain 0	Chain 1		
1	4948.43	60.13 PK	74	-13.87	-45.39	-47.48	8.17	-35.13
2	4953.12	47.94 AV	54	-6.06	-58.47	-58.53	8.17	-47.32
3	7287.5	59.8 PK	74	-14.2	-46.61	-46.68	8.17	-35.46
4	7284.37	48.34 AV	54	-5.66	-58.14	-58.07	8.17	-46.92

Remarks:
1. Margin value = Emission Level – Limit value
2. The other emission levels were very low against the limit.

Chain 0



Chain 1

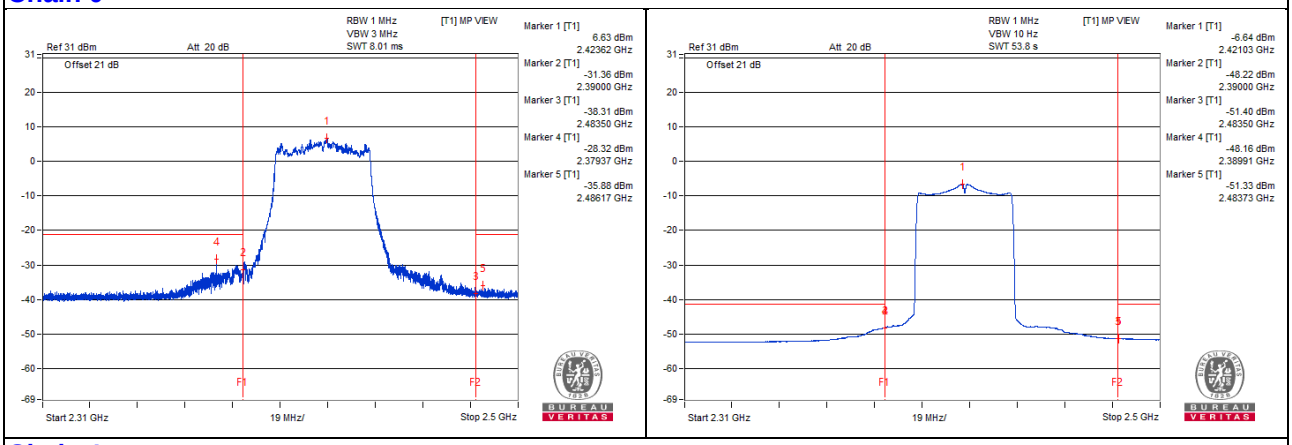


Bandedge table

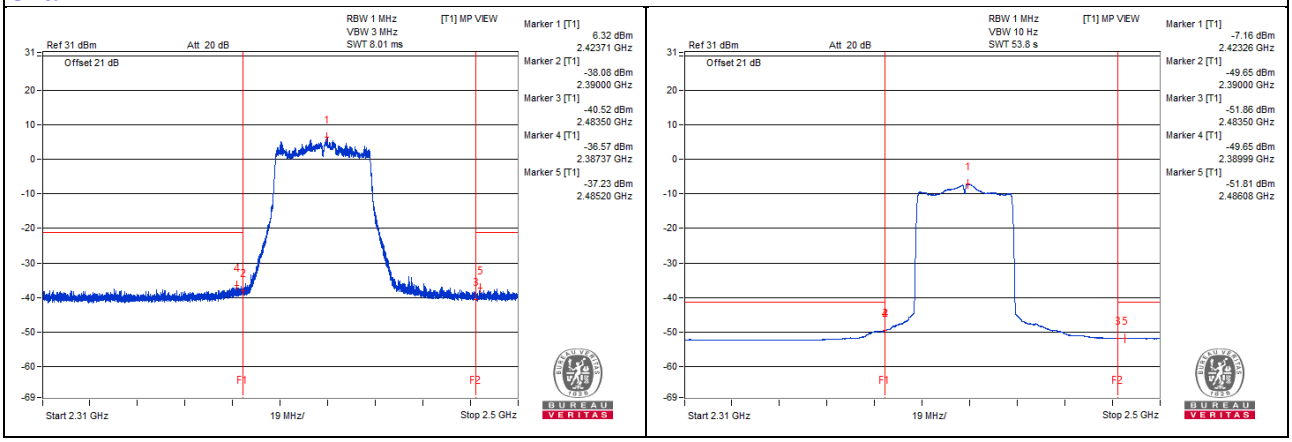
No.	Frequency (MHz)	Emission Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Raw Value (dBm)		Correction Factor (dB)	EIRP Level (dBm)
					Chain 0	Chain 1		
1	2379.37	73.86 PK	74	-0.14	-28.32	-38.72	6.54	-21.40
2	2389.94	55.94 AV	54	! 1.94	-48.17	-49.7	6.54	-39.32
3	2486.17	67.41 PK	74	-6.59	-35.88	-39.76	6.54	-27.85
4	2483.68	53.22 AV	54	-0.78	-51.34	-51.86	6.54	-42.04

Remarks:
1. Margin value = Emission Level – Limit value
2. The other emission levels were very low against the limit.
3. " ! " : The unwanted emission was verified and the test result was passed by radiated measurement. (Please refer Appendix B)

Chain 0



Chain 1



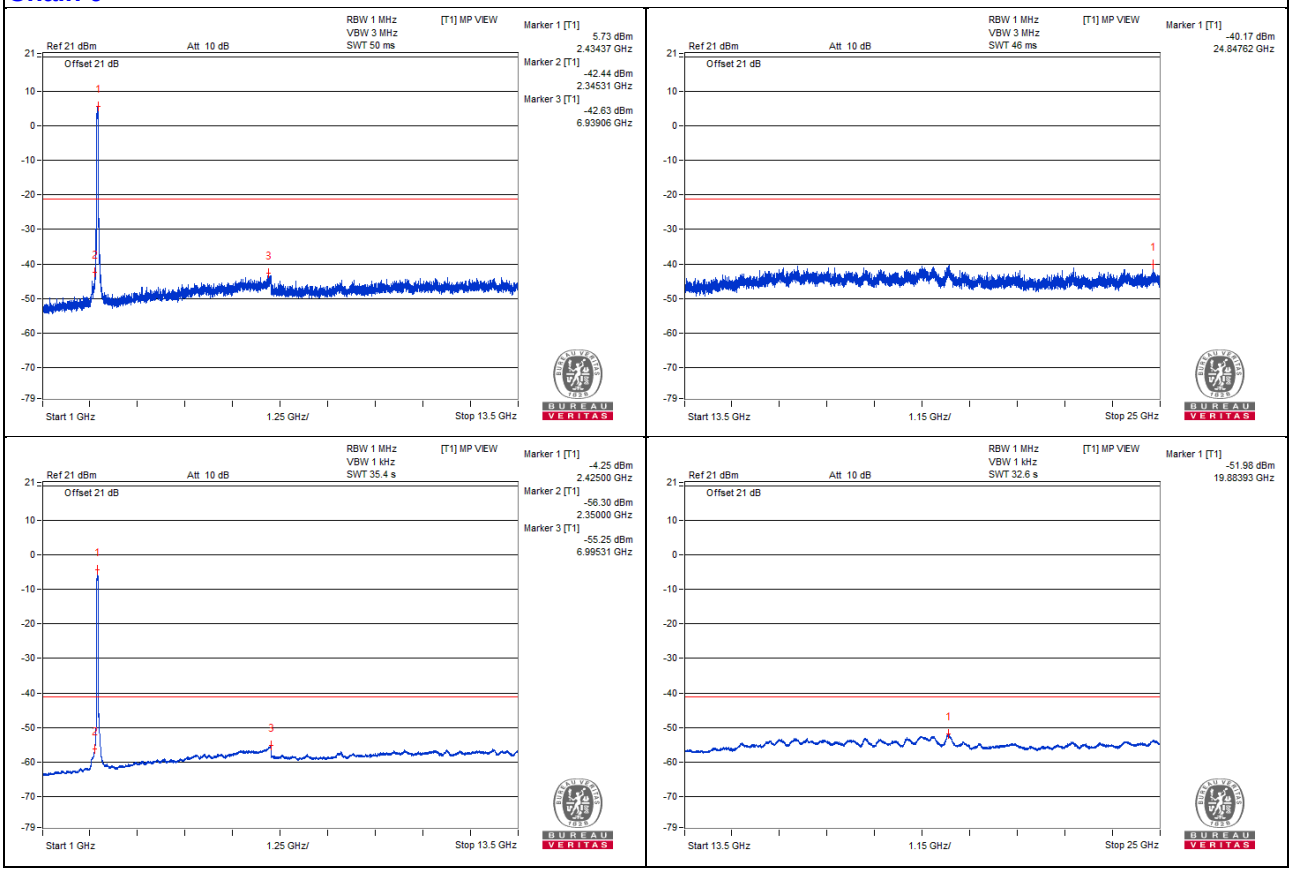
Channel 4

Conducted spurious emission table

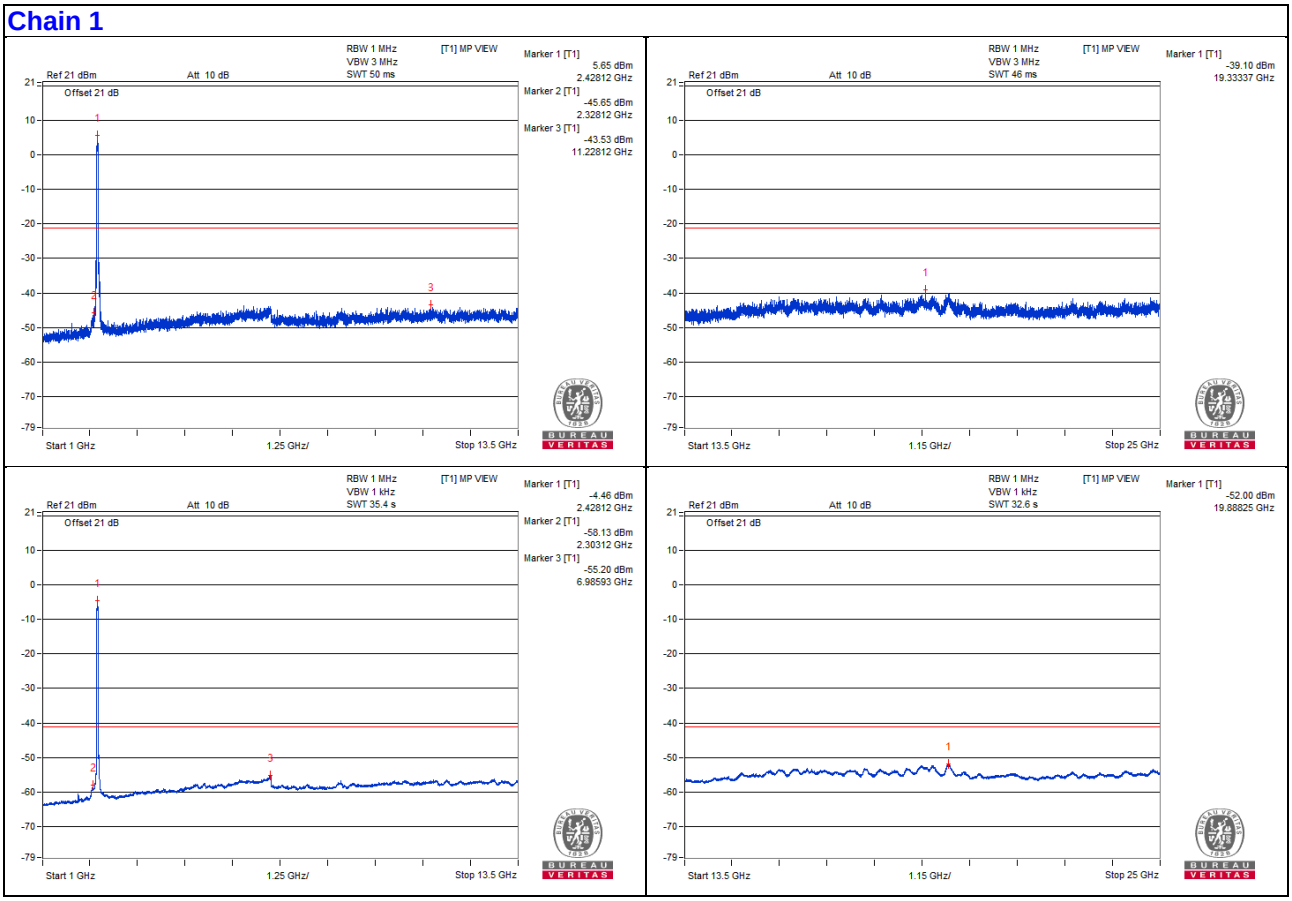
No.	Frequency (MHz)	Emission Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Raw Value (dBm)		Correction Factor (dB)	EIRP Level (dBm)
					Chain 0	Chain 1		
1	4950	59.51 PK	74	-14.49	-47.8	-46.21	8.17	-35.75
2	4953.12	48.02 AV	54	-5.98	-58.68	-58.17	8.17	-47.24
3	7307.81	59.79 PK	74	-14.21	-47.17	-46.19	8.17	-35.47
4	7295.31	48.36 AV	54	-5.64	-58.09	-58.07	8.17	-46.90

Remarks:
1. Margin value = Emission Level – Limit value
2. The other emission levels were very low against the limit.

Chain 0



Chain 1

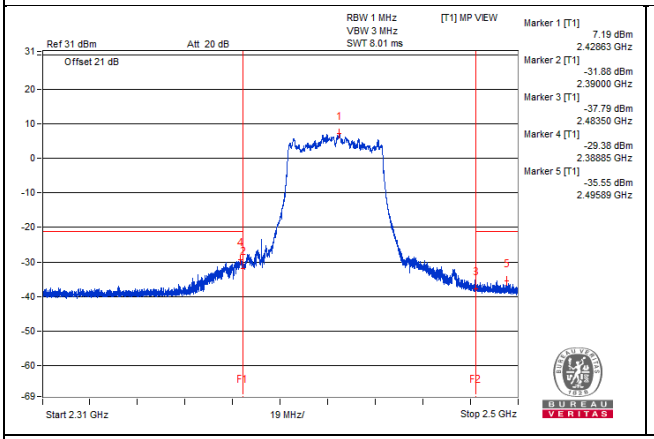


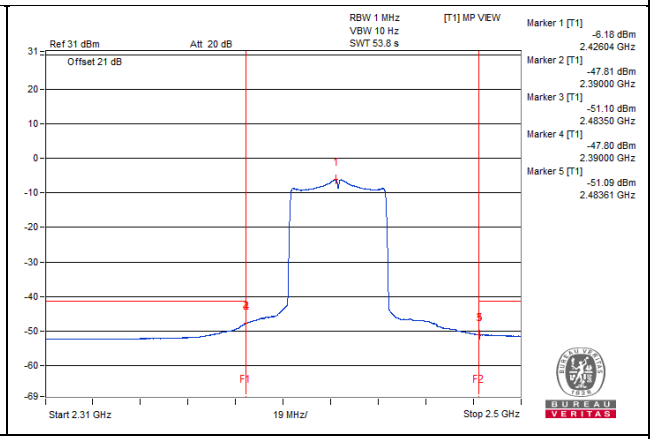
Bandedge table

No.	Frequency (MHz)	Emission Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Raw Value (dBm)		Correction Factor (dB)	EIRP Level (dBm)
					Chain 0	Chain 1		
1	2388.85	73.08 PK	74	-0.92	-29.38	-37.2	6.54	-22.18
2	2389.99	55.87 AV	54	! 1.87	-47.81	-50.46	6.54	-39.39
3	2491.83	68.29 PK	74	-5.71	-35.57	-37.73	6.54	-26.97
4	2483.61	53.41 AV	54	-0.59	-51.09	-51.73	6.54	-41.85

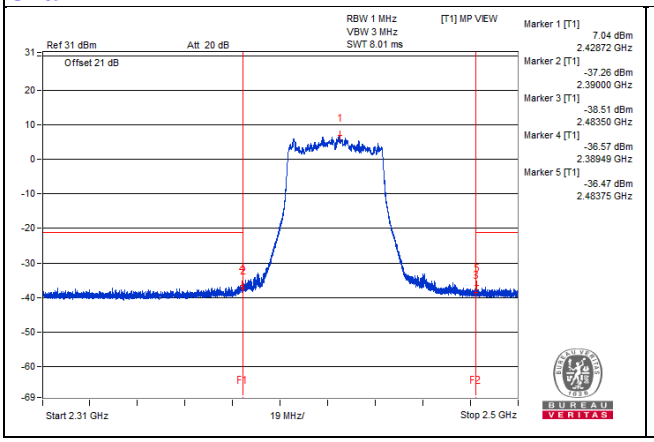
Remarks:
1. Margin value = Emission Level – Limit value
2. The other emission levels were very low against the limit.
3. " ! " : The unwanted emission was verified and the test result was passed by radiated measurement. (Please refer Appendix B)

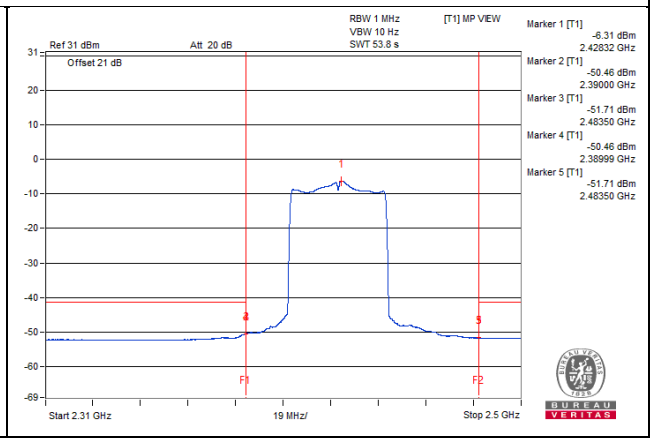
Chain 0





Chain 1





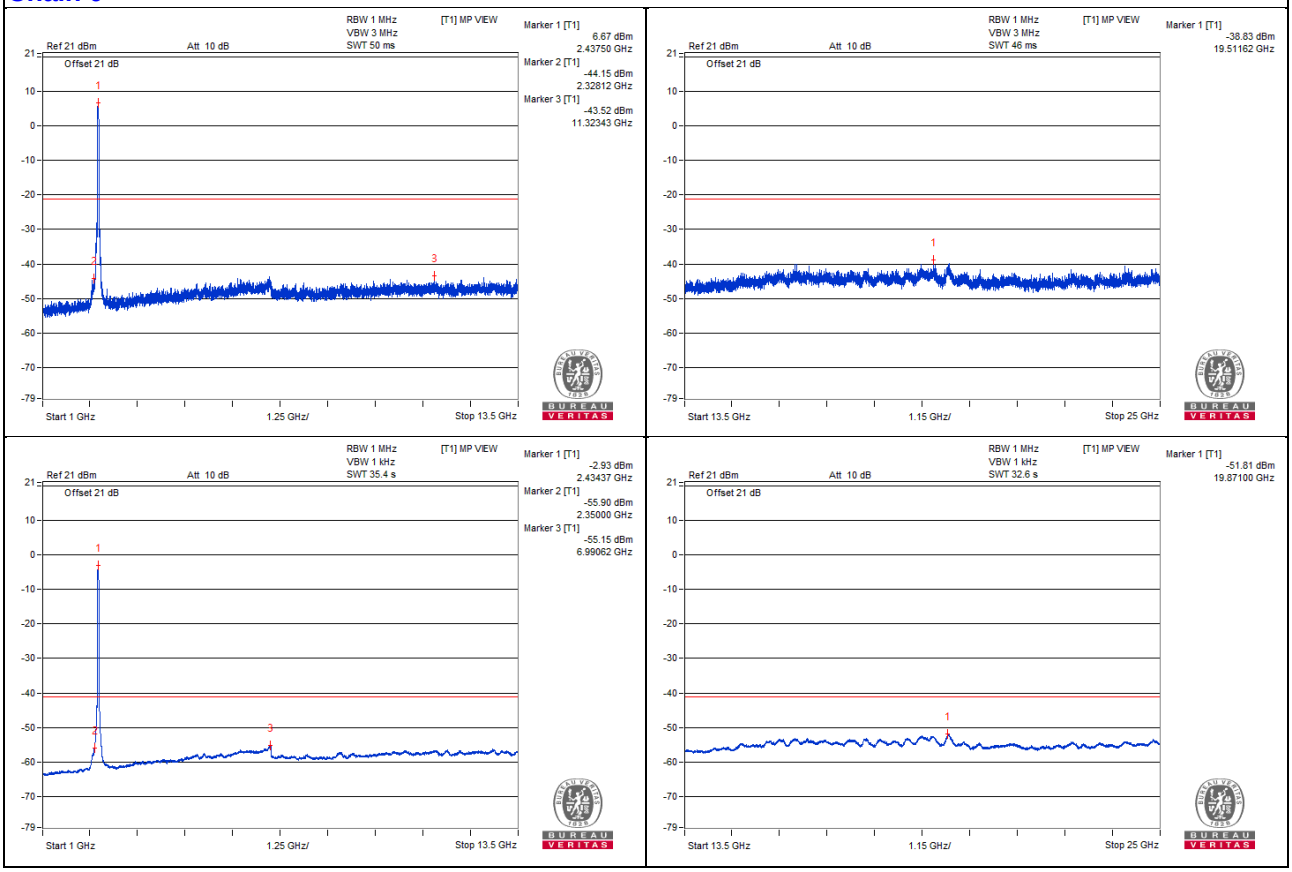
Channel 6

Conducted spurious emission table

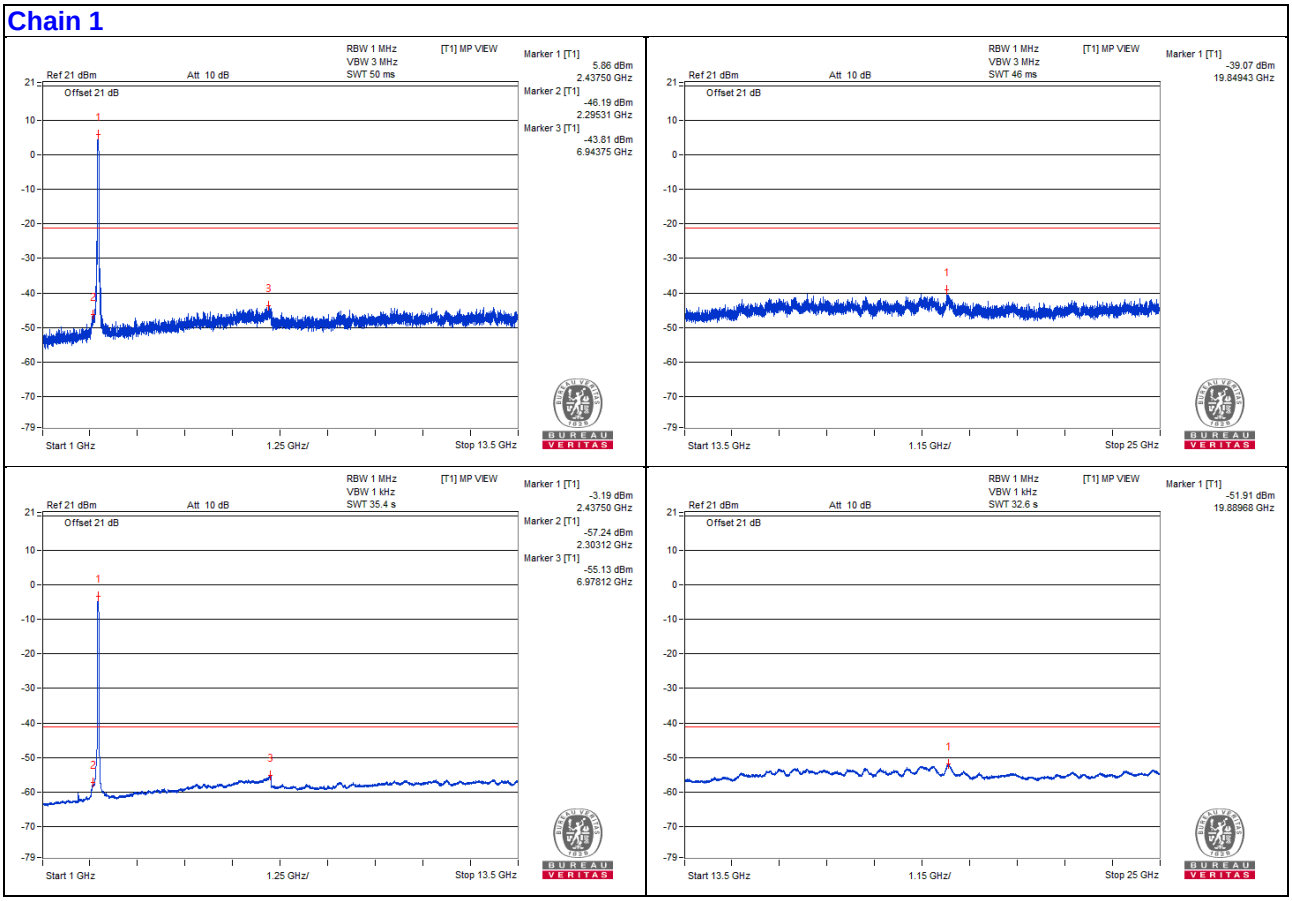
No.	Frequency (MHz)	Emission Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Raw Value (dBm)		Correction Factor (dB)	EIRP Level (dBm)
					Chain 0	Chain 1		
1	4892.18	58.7 PK	74	-15.3	-47.55	-47.93	8.17	-36.56
2	4953.12	48 AV	54	-6	-58.36	-58.52	8.17	-47.26
3	7340.62	59.8 PK	74	-14.2	-46.06	-47.31	8.17	-35.46
4	7296.87	48.47 AV	54	-5.53	-58.08	-57.87	8.17	-46.79

Remarks:
1. Margin value = Emission Level – Limit value
2. The other emission levels were very low against the limit.

Chain 0



Chain 1

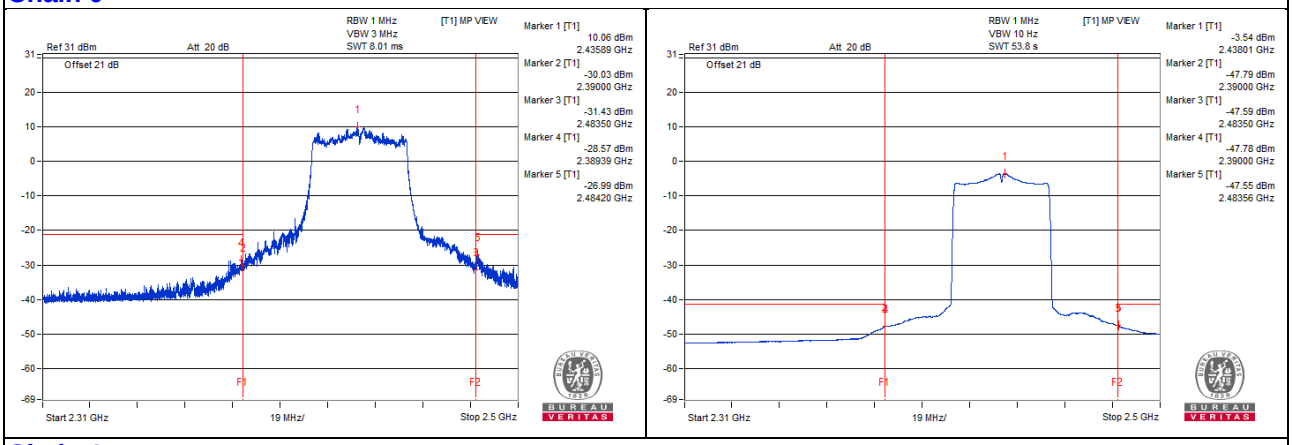


Bandedge table

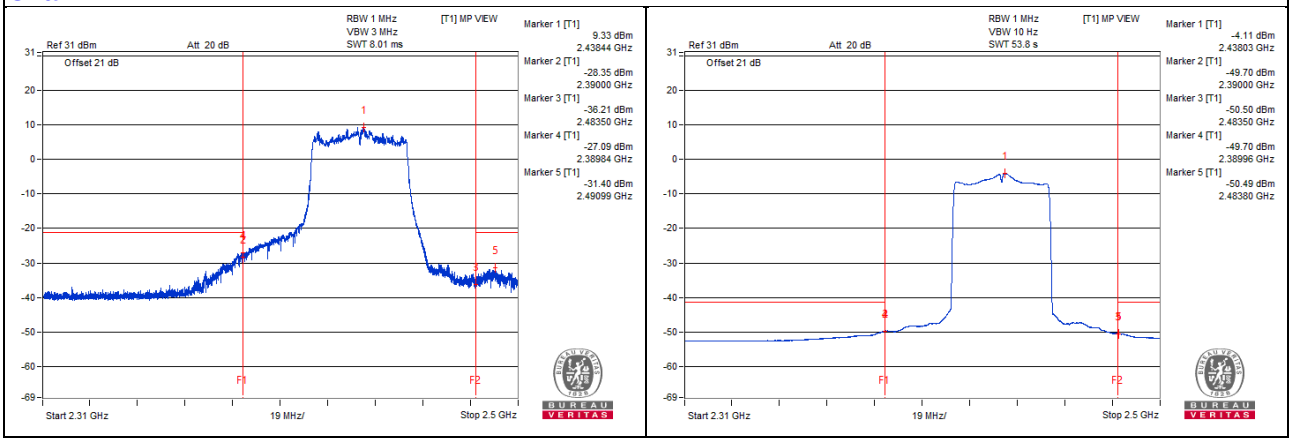
No.	Frequency (MHz)	Emission Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Raw Value (dBm)		Correction Factor (dB)	EIRP Level (dBm)
					Chain 0	Chain 1		
1	2389.84	76.53 PK	74	! 2.53	-29.94	-27.09	6.54	-18.73
2	2389.96	56.17 AV	54	! 2.17	-47.79	-49.7	6.54	-39.09
3	2484.2	75.51 PK	74	! 1.51	-26.99	-34.53	6.54	-19.75
4	2483.56	56.03 AV	54	! 2.03	-47.55	-50.51	6.54	-39.23

Remarks:
1. Margin value = Emission Level – Limit value
2. The other emission levels were very low against the limit.
3. " ! " : The unwanted emission was verified and the test result was passed by radiated measurement. (Please refer Appendix B)

Chain 0



Chain 1



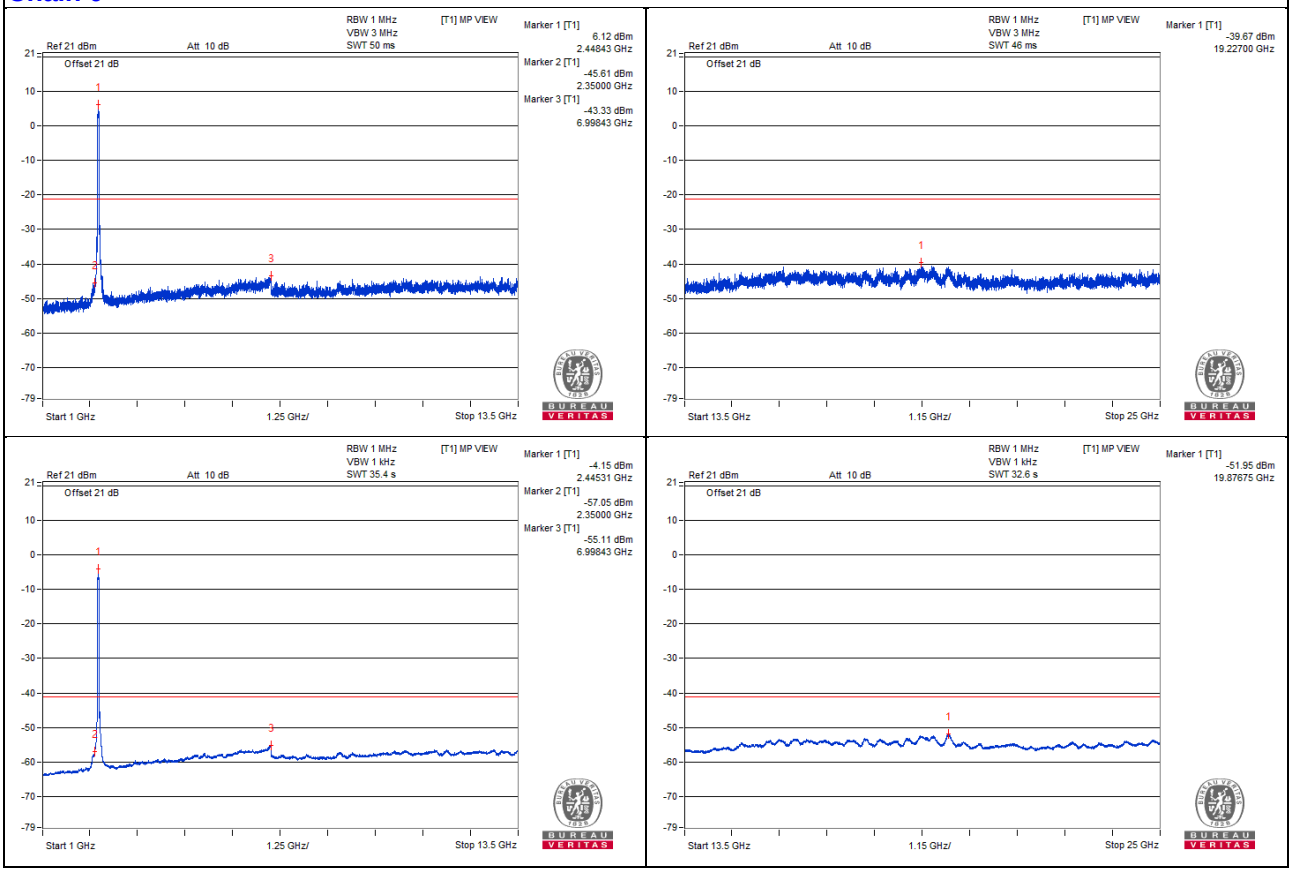
Channel 8

Conducted spurious emission table

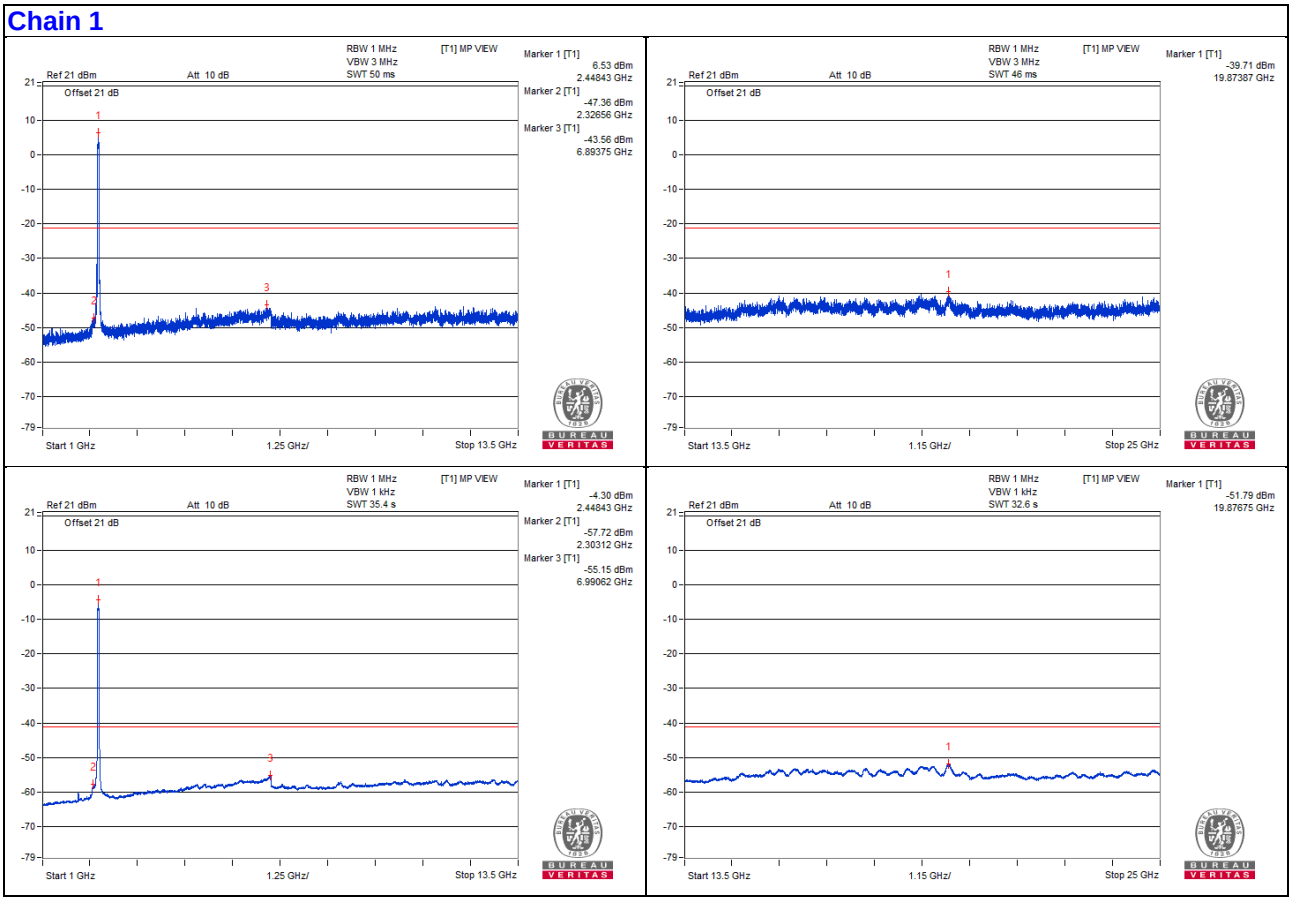
No.	Frequency (MHz)	Emission Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Raw Value (dBm)		Correction Factor (dB)	EIRP Level (dBm)
					Chain 0	Chain 1		
1	4948.43	59.04 PK	74	-14.96	-47	-47.85	8.17	-36.22
2	4953.12	47.95 AV	54	-6.05	-58.38	-58.6	8.17	-47.31
3	7303.12	59.99 PK	74	-14.01	-46.07	-46.86	8.17	-35.27
4	7298.43	48.52 AV	54	-5.48	-57.98	-57.86	8.17	-46.74

Remarks:
1. Margin value = Emission Level – Limit value
2. The other emission levels were very low against the limit.

Chain 0



Chain 1

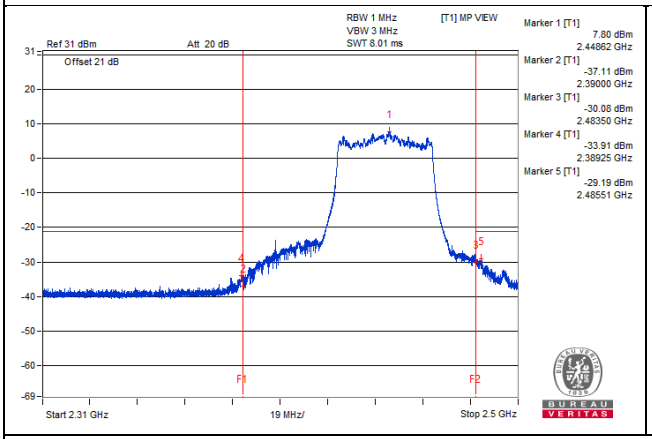


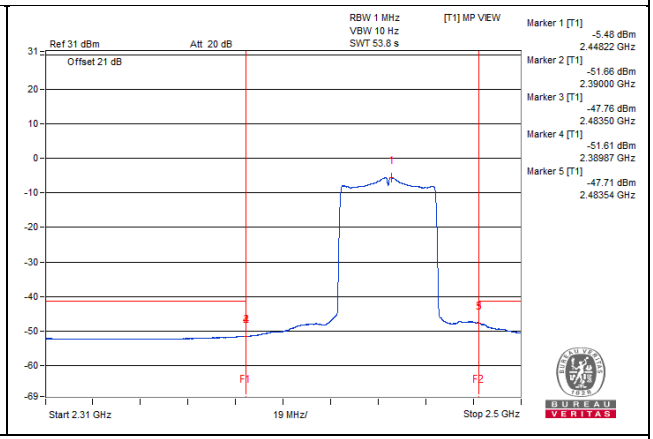
Bandedge table

No.	Frequency (MHz)	Emission Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Raw Value (dBm)		Correction Factor (dB)	EIRP Level (dBm)
					Chain 0	Chain 1		
1	2389.77	69.16 PK	74	-4.84	-33.97	-38.41	6.54	-26.10
2	2389.87	53.09 AV	54	-0.91	-51.61	-51.83	6.54	-42.17
3	2485.51	73.24 PK	74	-0.76	-29.19	-37.24	6.54	-22.02
4	2483.54	56.1 AV	54	! 2.1	-47.71	-50	6.54	-39.16

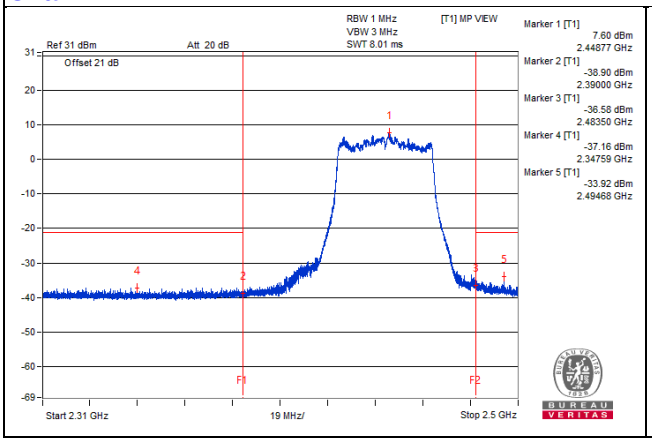
Remarks:
1. Margin value = Emission Level – Limit value
2. The other emission levels were very low against the limit.
3. " ! " : The unwanted emission was verified and the test result was passed by radiated measurement. (Please refer Appendix B)

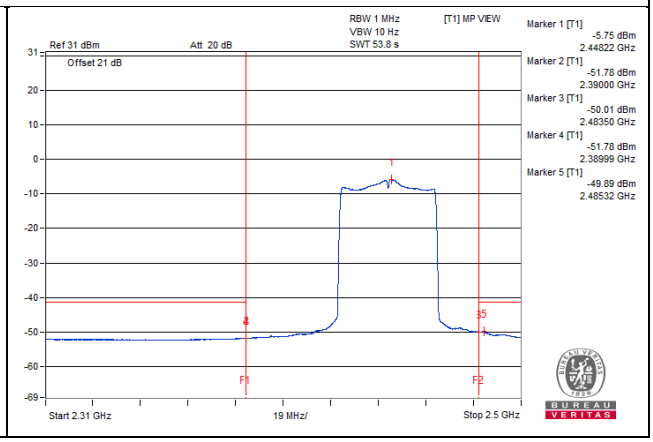
Chain 0





Chain 1





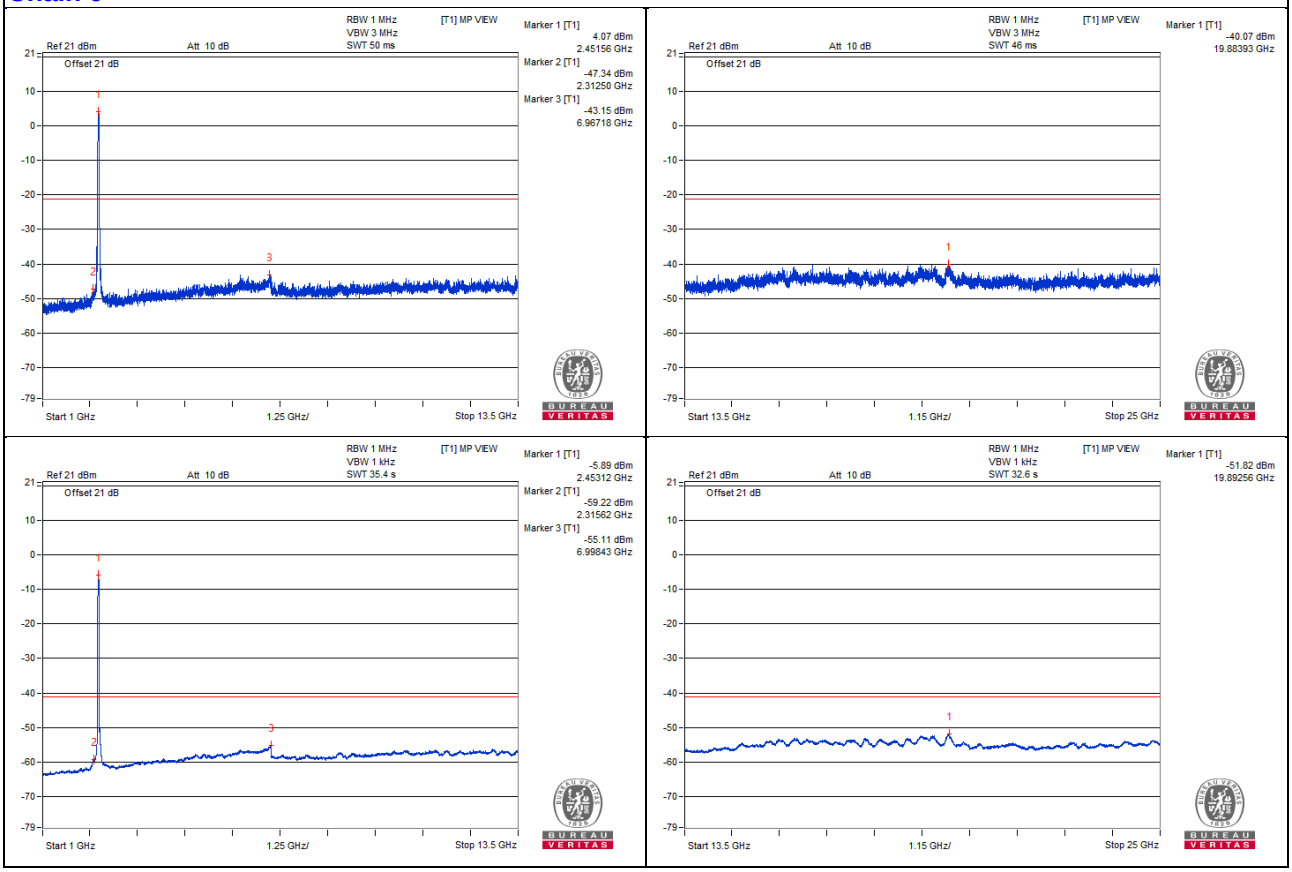
Channel 9

Conducted spurious emission table

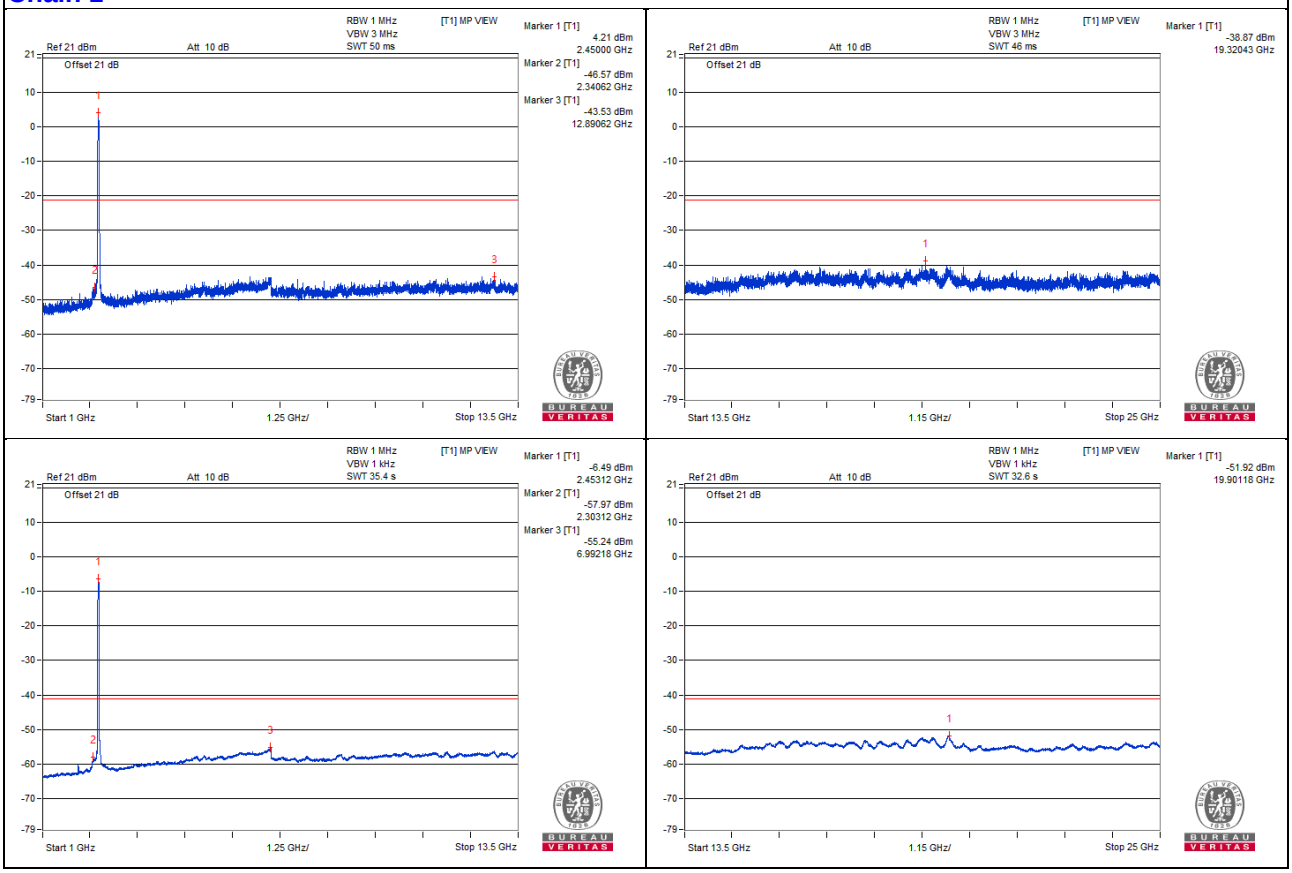
No.	Frequency (MHz)	Emission Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Raw Value (dBm)		Correction Factor (dB)	EIRP Level (dBm)
					Chain 0	Chain 1		
1	4948.43	59.74 PK	74	-14.26	-46.33	-47.1	8.17	-35.52
2	4953.12	48.13 AV	54	-5.87	-58.37	-58.26	8.17	-47.13
3	7309.37	60.38 PK	74	-13.62	-45.23	-47.1	8.17	-34.88
4	7301.56	48.52 AV	54	-5.48	-57.95	-57.9	8.17	-46.74

Remarks:
1. Margin value = Emission Level – Limit value
2. The other emission levels were very low against the limit.

Chain 0



Chain 1

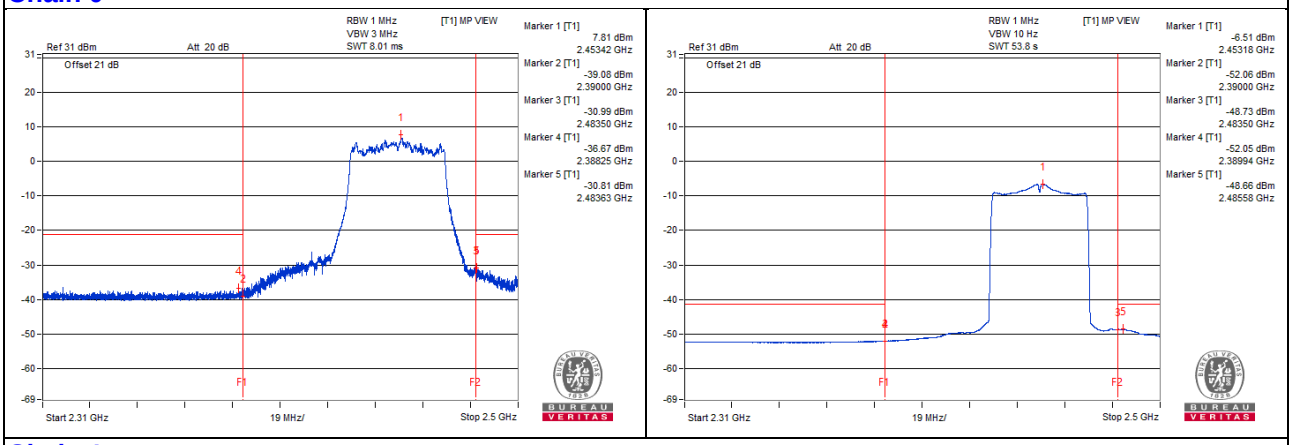


Bandedge table

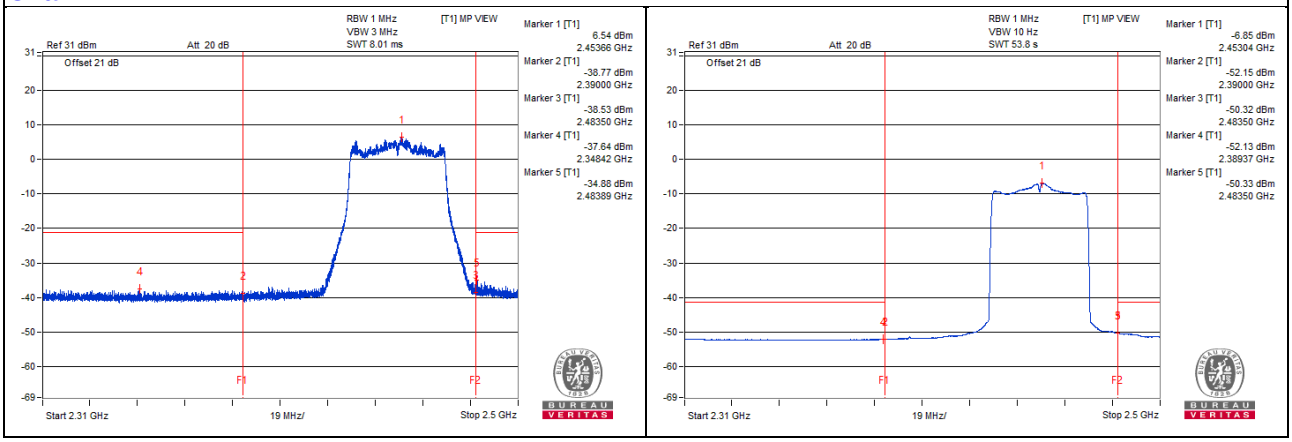
No.	Frequency (MHz)	Emission Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Raw Value (dBm)		Correction Factor (dB)	EIRP Level (dBm)
					Chain 0	Chain 1		
1	2388.25	66.9 PK	74	-7.1	-36.67	-39.65	6.54	-28.36
2	2389.94	52.71 AV	54	-1.29	-52.05	-52.16	6.54	-42.55
3	2483.63	71.61 PK	74	-2.39	-30.81	-38.92	6.54	-23.65
4	2483.77	55.4 AV	54	! 1.4	-48.66	-50.32	6.54	-39.86

Remarks:
1. Margin value = Emission Level – Limit value
2. The other emission levels were very low against the limit.
3. " ! " : The unwanted emission was verified and the test result was passed by radiated measurement. (Please refer Appendix B)

Chain 0



Chain 1



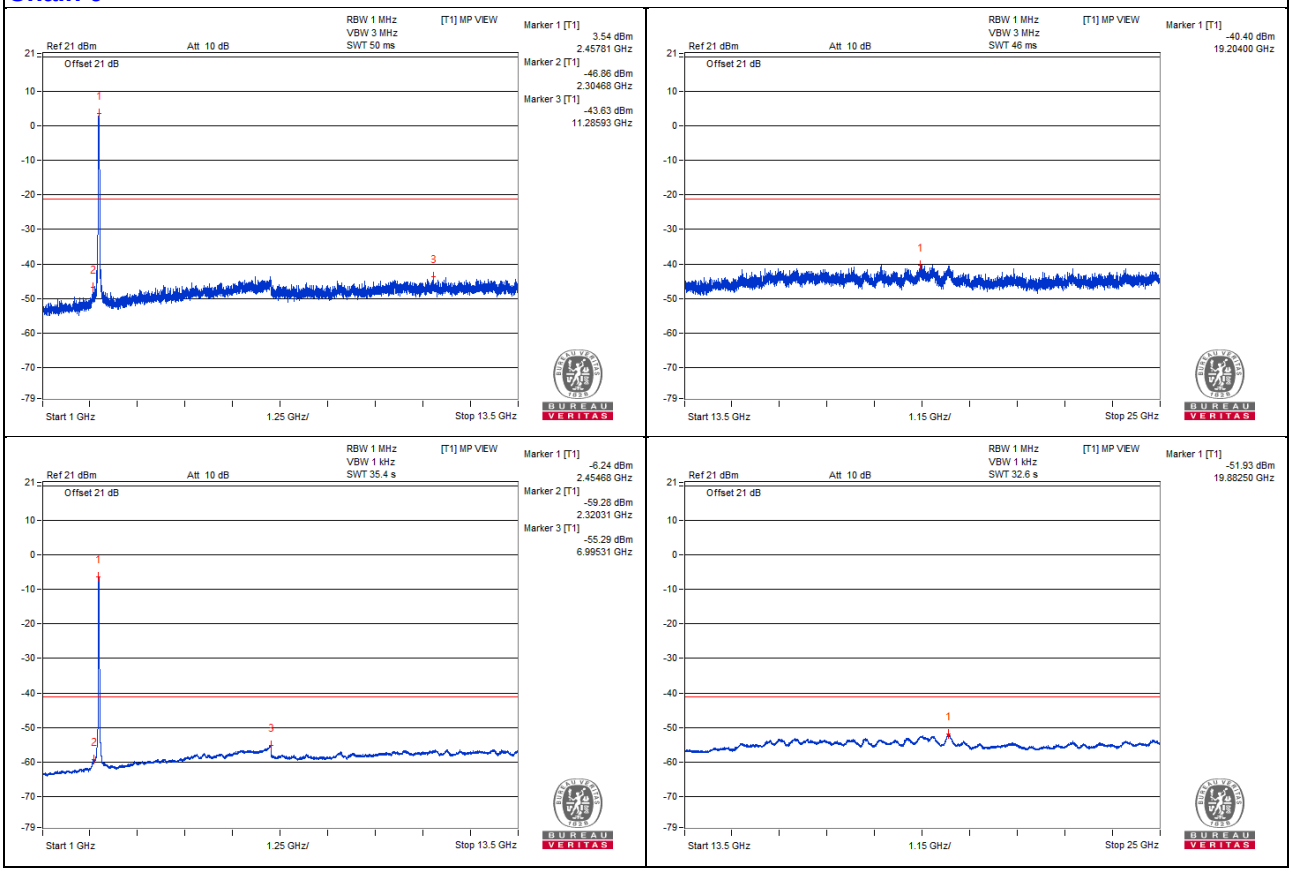
Channel 10

Conducted spurious emission table

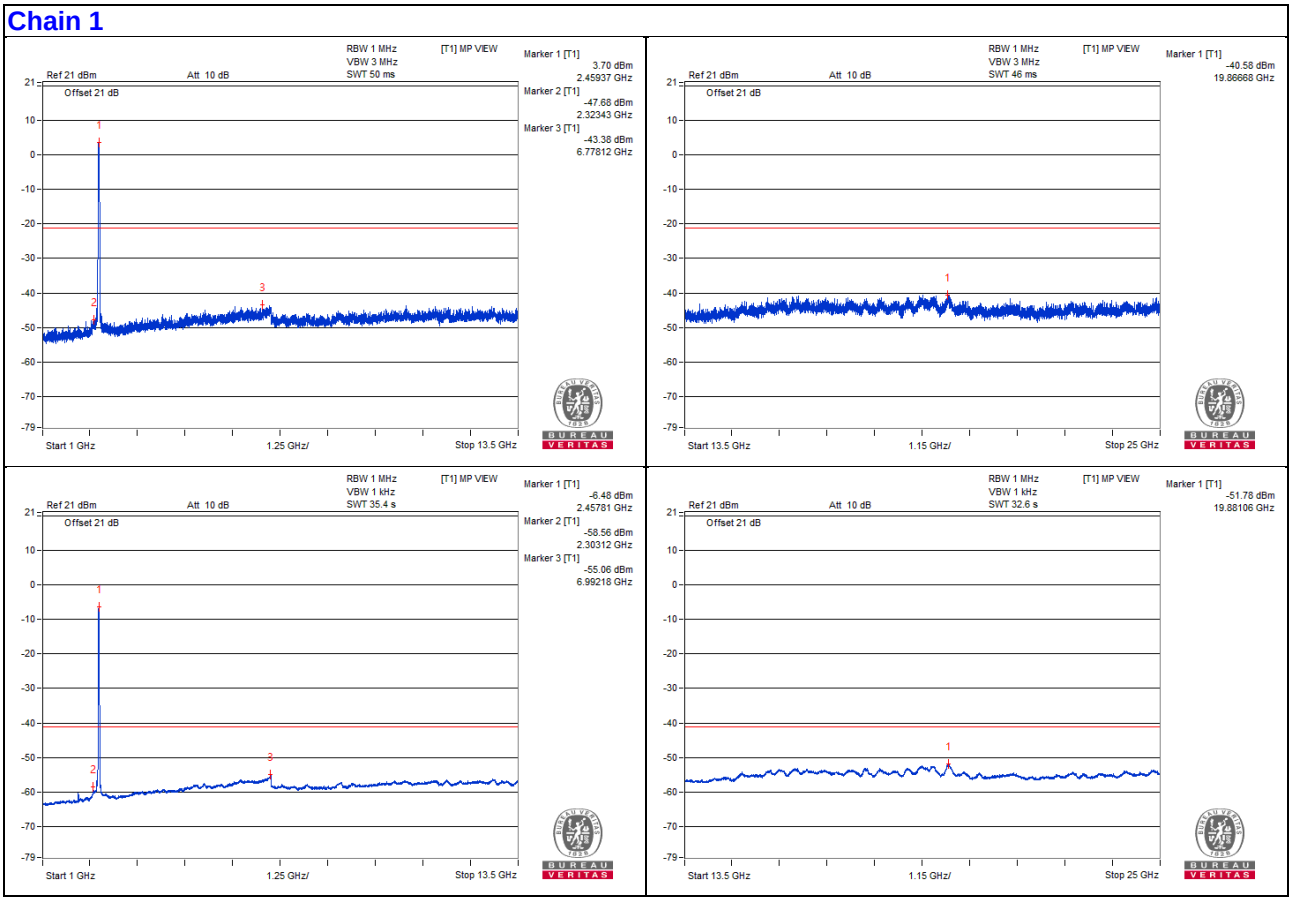
No.	Frequency (MHz)	Emission Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Raw Value (dBm)		Correction Factor (dB)	EIRP Level (dBm)
					Chain 0	Chain 1		
1	4901.56	59.65 PK	74	-14.35	-45.49	-48.66	8.17	-35.61
2	4950	48.16 AV	54	-5.84	-58.32	-58.25	8.17	-47.10
3	7385.93	59.7 PK	74	-14.3	-47.25	-46.28	8.17	-35.56
4	7287.5	48.4 AV	54	-5.6	-58.28	-57.81	8.17	-46.86

Remarks:
1. Margin value = Emission Level – Limit value
2. The other emission levels were very low against the limit.

Chain 0



Chain 1

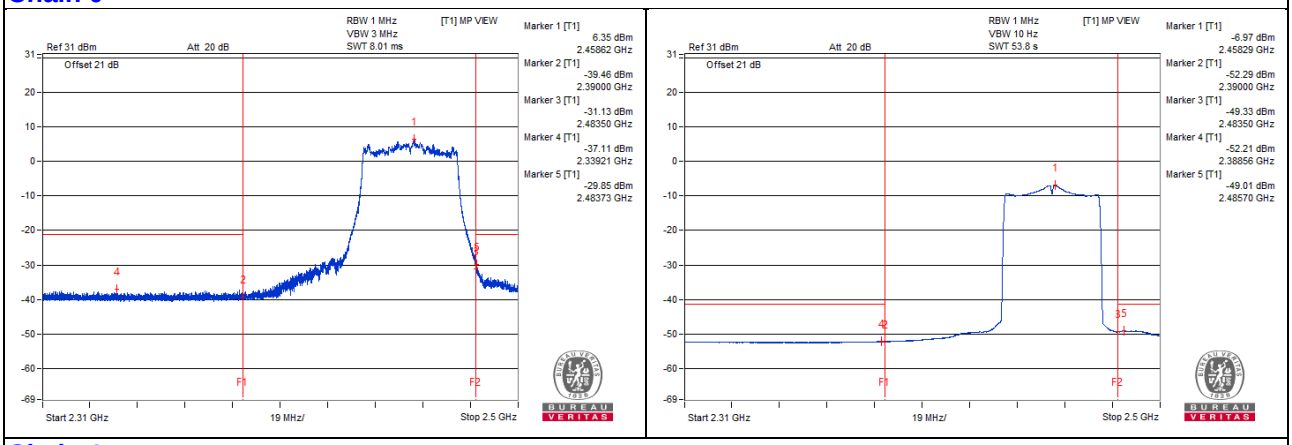


Bandedge table

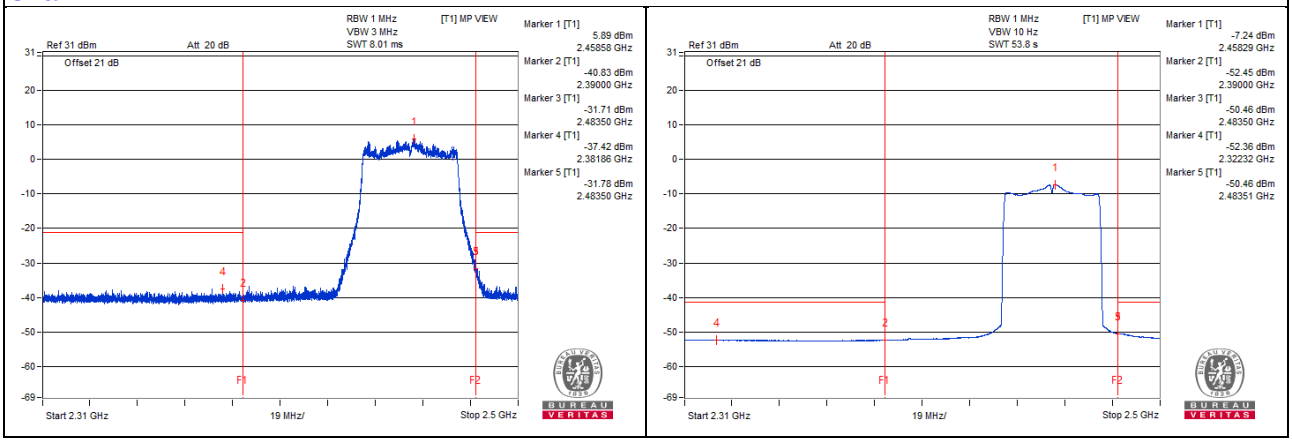
No.	Frequency (MHz)	Emission Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Raw Value (dBm)		Correction Factor (dB)	EIRP Level (dBm)
					Chain 0	Chain 1		
1	2337.55	66.79 PK	74	-7.21	-38.35	-37.71	6.54	-28.47
2	2389.56	52.51 AV	54	-1.49	-52.23	-52.37	6.54	-42.75
3	2483.58	73.67 PK	74	-0.33	-30.49	-31.91	6.54	-21.59
4	2485.63	55.1 AV	54	! 1.1	-49.02	-50.52	6.54	-40.16

Remarks:
1. Margin value = Emission Level – Limit value
2. The other emission levels were very low against the limit.
3. " ! " : The unwanted emission was verified and the test result was passed by radiated measurement. (Please refer Appendix B)

Chain 0



Chain 1



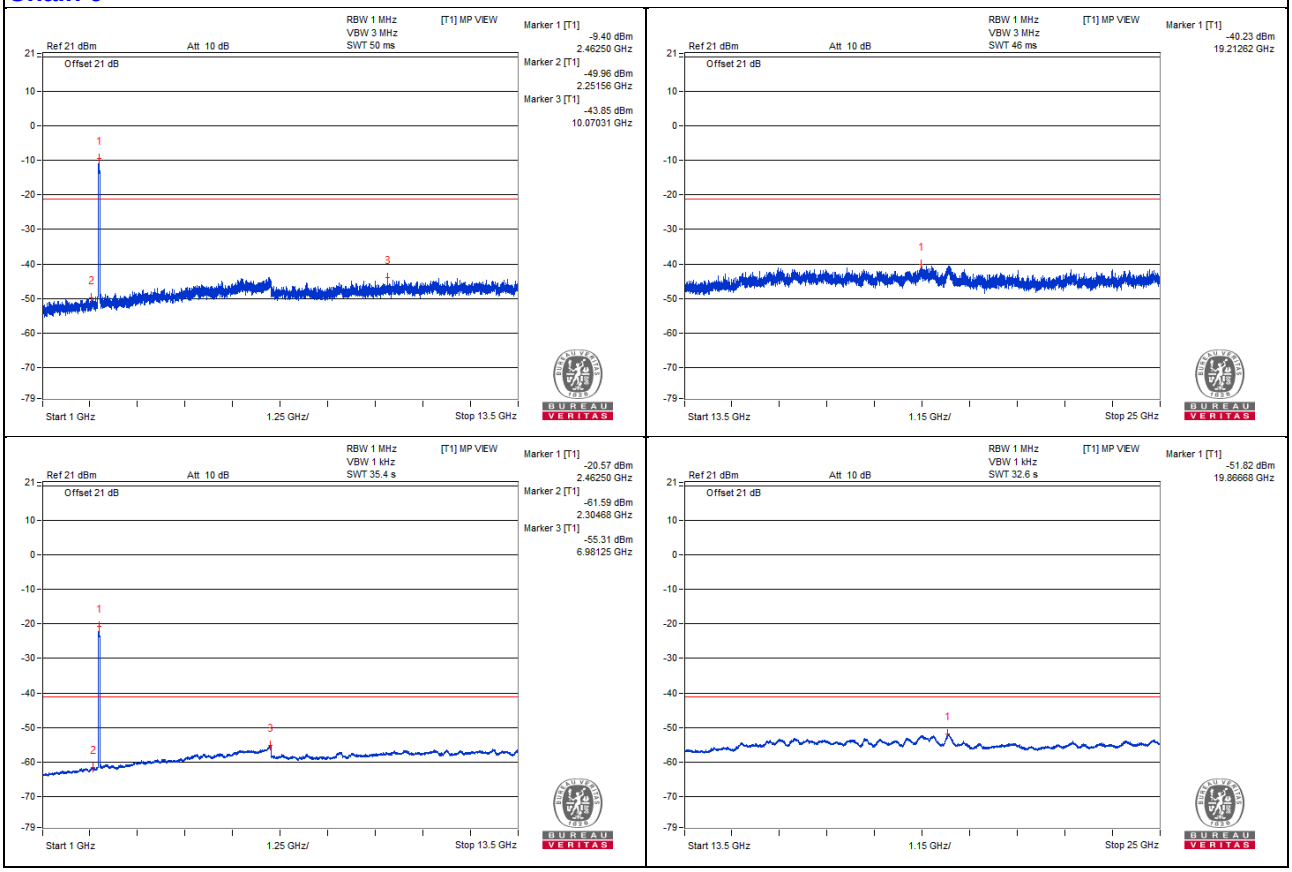
Channel 11

Conducted spurious emission table

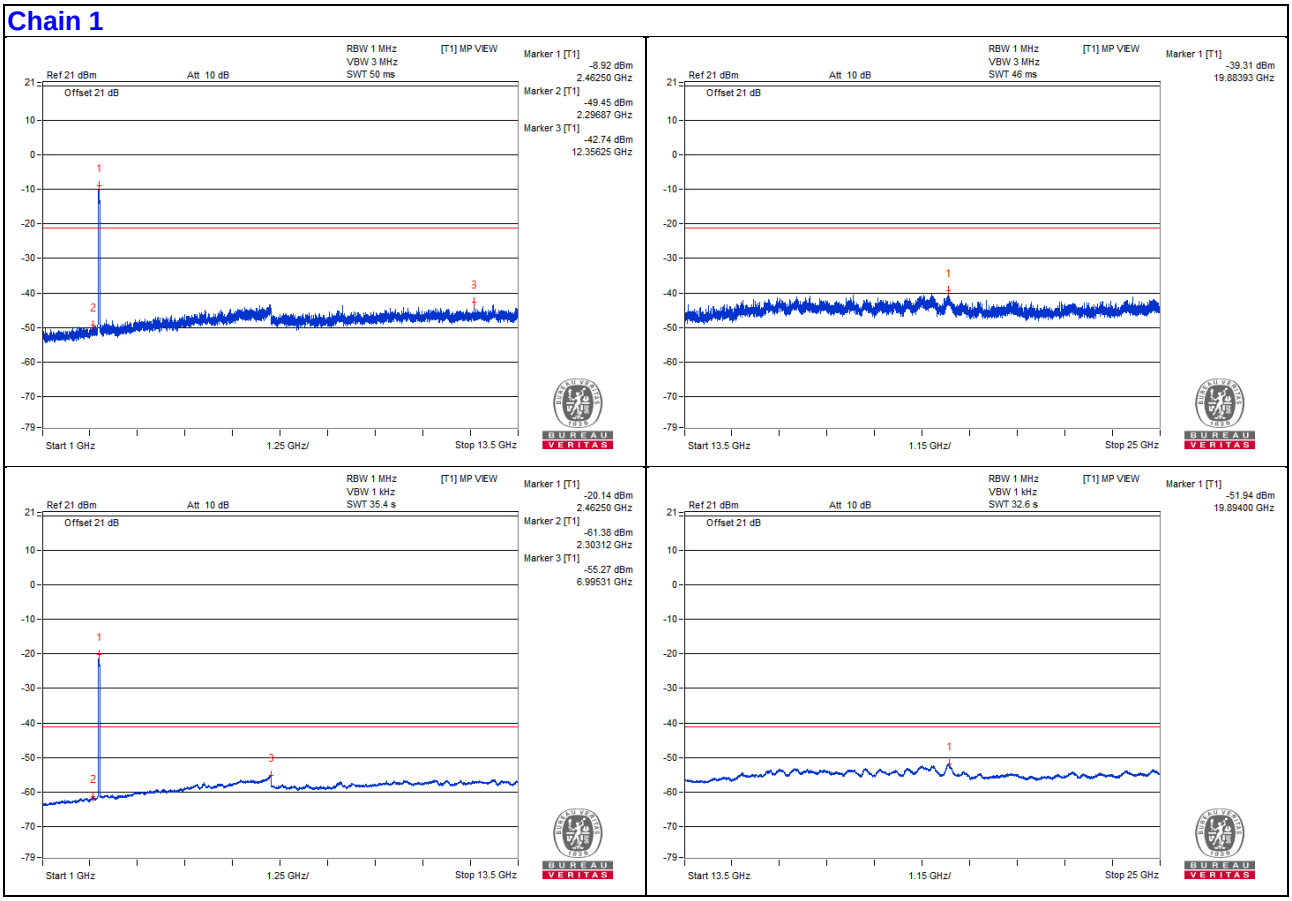
No.	Frequency (MHz)	Emission Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Raw Value (dBm)		Correction Factor (dB)	EIRP Level (dBm)
					Chain 0	Chain 1		
1	4921.87	59.15 PK	74	-14.85	-47.11	-47.48	8.17	-36.11
2	4950	47.97 AV	54	-6.03	-58.7	-58.26	8.17	-47.29
3	7320.31	59.6 PK	74	-14.4	-47.91	-45.99	8.17	-35.66
4	7307.81	48.52 AV	54	-5.48	-58.12	-57.72	8.17	-46.74

Remarks:
1. Margin value = Emission Level – Limit value
2. The other emission levels were very low against the limit.

Chain 0



Chain 1

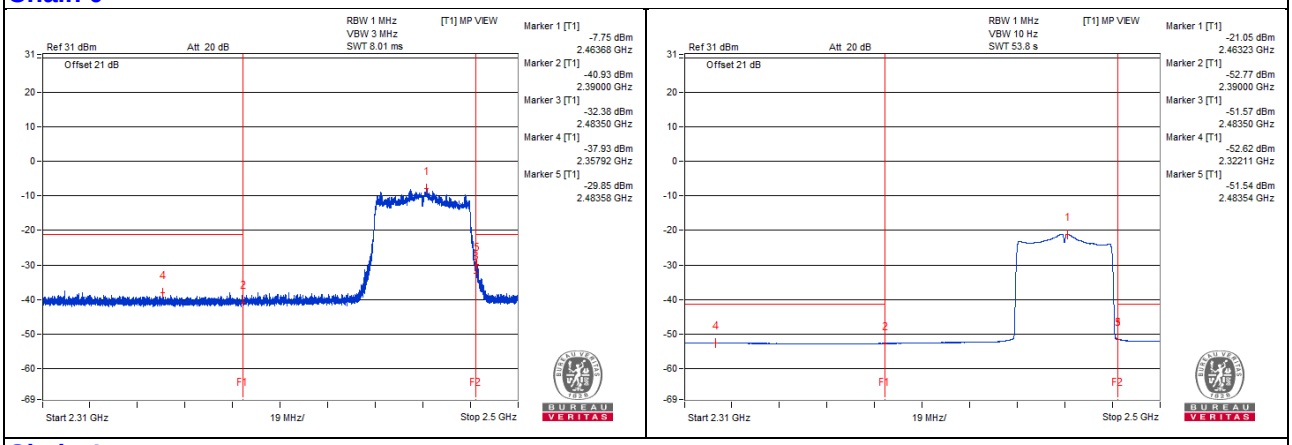


Bandedge table

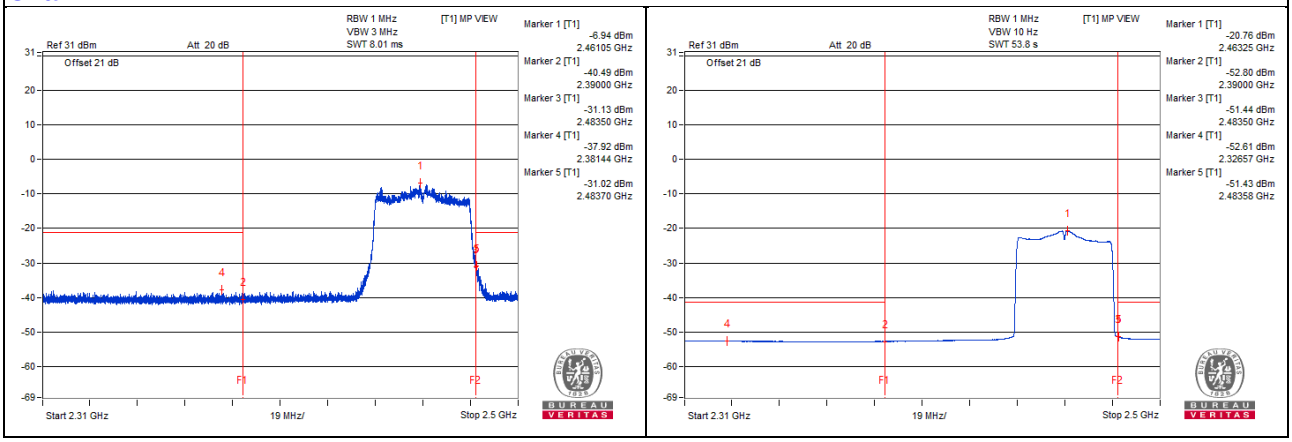
No.	Frequency (MHz)	Emission Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Raw Value (dBm)		Correction Factor (dB)	EIRP Level (dBm)
					Chain 0	Chain 1		
1	2381.44	66.25 PK	74	-7.75	-39.31	-37.92	6.54	-29.01
2	2311.54	52.24 AV	54	-1.76	-52.54	-52.6	6.54	-43.02
3	2483.58	74.06 PK	74	! 0.06	-29.85	-31.89	6.54	-21.20
4	2483.58	53.32 AV	54	-0.68	-51.56	-51.43	6.54	-41.94

Remarks:
1. Margin value = Emission Level – Limit value
2. The other emission levels were very low against the limit.
3. " ! " : The unwanted emission was verified and the test result was passed by radiated measurement. (Please refer Appendix B)

Chain 0



Chain 1



Below 1GHz Data

802.11g - Channel 6

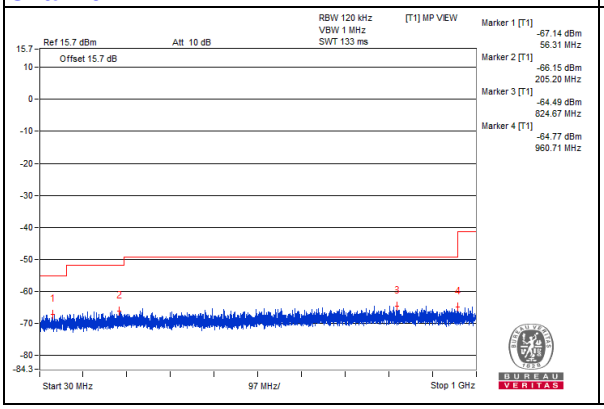
Conducted spurious emission table

No.	Frequency (MHz)	Emission Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Raw Value (dBm)		Correction Factor (dB)	EIRP Level (dBm)
					Chain 0	Chain 1		
1	85.16	38.3	40	-1.7	-69.22	-67.27	8.17	-56.96
2	199.75	39.65	43.5	-3.85	-67.39	-66.27	8.17	-55.61
3	250.91	39.39	46	-6.61	-67.2	-66.91	8.17	-55.87
4	529.42	39.84	46	-6.16	-65.32	-68.41	8.17	-55.42
5	773.99	40.38	46	-5.62	-64.69	-68.07	8.17	-54.88
6	893.78	40.97	46	-5.03	-68.88	-63.58	8.17	-54.29

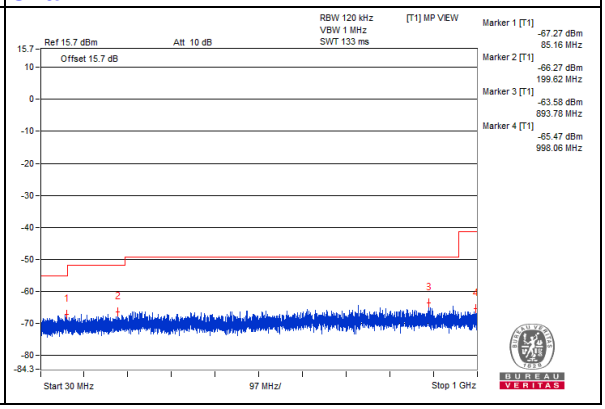
Remarks:

1. Margin value = Emission Level – Limit value
2. The other emission levels were very low against the limit.

Chain 0



Chain 1



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. 20, 2020	Oct. 19, 2021
Line-Impedance Stabilization Network (for EUT) R&S	ESH3-Z5	848773/004	Oct. 27, 2020	Oct. 26, 2021
Line-Impedance Stabilization Network (for Peripheral) R&S	ESH3-Z5	835239/001	Mar. 26, 2021	Mar. 25, 2022
50 ohms Terminator	50	3	Oct. 26, 2020	Oct. 25, 2021
RF Cable	5D-FB	COCCAB-001	Sep. 26, 2020	Sep. 25, 2021
Fixed attenuator EMCI	STI02-2200-10	005	Aug. 29, 2020	Aug. 28, 2021
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: May 28, 2021

4.2.3 Test Procedures

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.

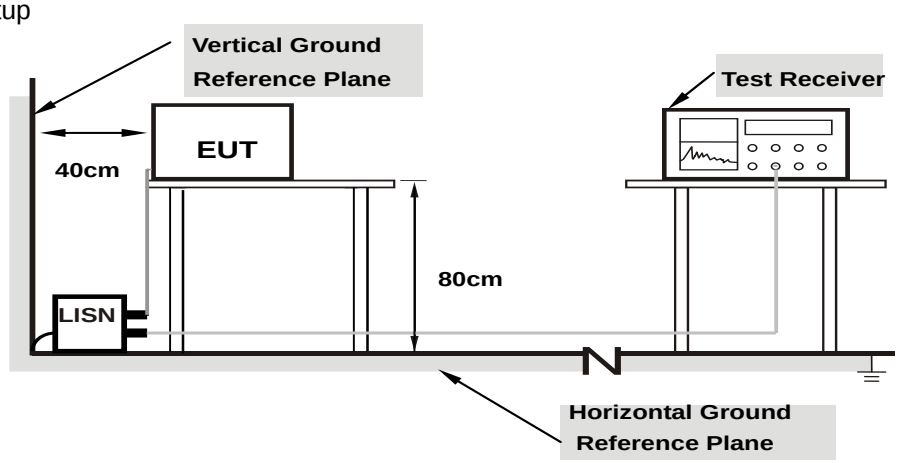
c. The frequency range from 150kHz to 30MHz was searched. Emission levels under (Limit - 20dB) was not recorded.

NOTE: The resolution bandwidth and video bandwidth of test receiver is 9kHz for quasi-peak detection (QP) and average detection (AV) at frequency 0.15MHz-30MHz.

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 Conditions

Same as 4.1.6.

4.2.7 Test Results

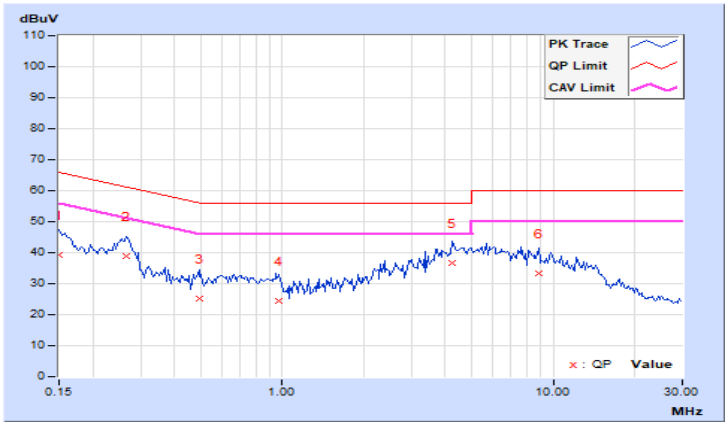
The test was done with 50ohm terminator on antenna port.

RF Mode	TX 802.11g	**Channel**	CH 6：2437 MHz
Frequency Range	150kHz ~ 30MHz	**Detector Function & Resolution Bandwidth**	Quasi-Peak (QP) / Average (AV), 9kHz

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	0.15000	9.96	29.34	12.33	39.30	22.29	66.00	56.00	-26.70	-33.71
2	0.26719	10.00	28.81	18.08	38.81	28.08	61.20	51.20	-22.39	-23.12
3	0.49375	10.03	15.08	3.82	25.11	13.85	56.10	46.10	-30.99	-32.25
4	0.97422	10.06	14.51	3.17	24.57	13.23	56.00	46.00	-31.43	-32.77
5	**4.25391**	**10.30**	**26.28**	**14.66**	**36.58**	**24.96**	**56.00**	**46.00**	**-19.42**	**-21.04**
6	8.83984	10.63	22.71	11.34	33.34	21.97	60.00	50.00	-26.66	-28.03

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

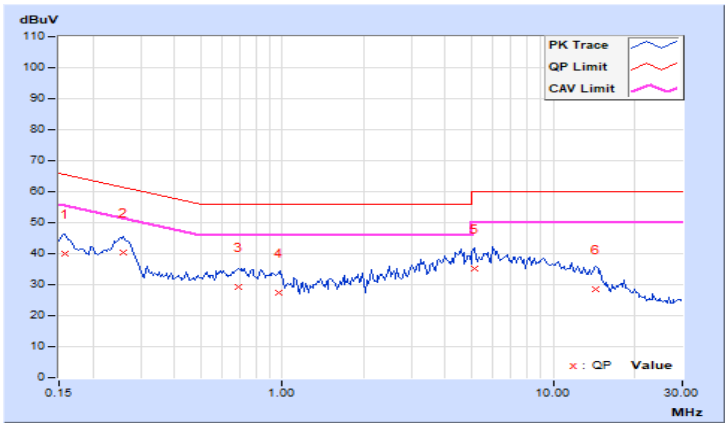


RF Mode	TX 802.11g	Channel	CH 6：2437 MHz
Frequency Range	150kHz ~ 30MHz	Detector Function & Resolution Bandwidth	Quasi-Peak (QP) / Average (AV), 9kHz

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	0.15781	9.95	29.93	12.29	39.88	22.24	65.58	55.58	-25.70	-33.34
2	0.25938	9.99	30.44	21.63	40.43	31.62	61.45	51.45	-21.02	-19.83
3	0.68906	10.04	19.28	10.19	29.32	20.23	56.00	46.00	-26.68	-25.77
4	0.97031	10.07	17.26	6.84	27.33	16.91	56.00	46.00	-28.67	-29.09
5	5.10938	10.32	24.79	14.23	35.11	24.55	60.00	50.00	-24.89	-25.45
6	14.41406	10.87	17.75	6.99	28.62	17.86	60.00	50.00	-31.38	-32.14

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

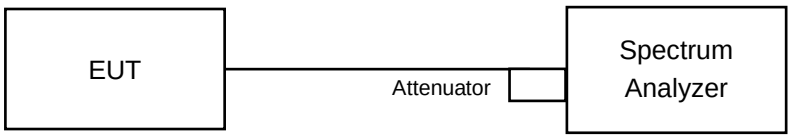


4.3 6dB Bandwidth Measurement

4.3.1 Limits of 6dB Bandwidth Measurement

The minimum of 6dB Bandwidth Measurement is 0.5 MHz.

4.3.2 Test Setup



4.3.3 Test Instruments

Refer to section 4.1.2 to get information of above instrument.

4.3.4 Test Procedure

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.
e. 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

4.3.5 Deviation from Test Standard

No deviation.

4.3.6 EUT Operating Conditions

The software provided by client to enable the EUT under transmission condition continuously at specific channel frequencies individually.

4.3.7 Test Result

802.11b

Channel	Frequency (MHz)	6dB Bandwidth (MHz)		Minimum Limit (MHz)	Pass / Fail
		Chain 0	Chain 1		
1	2412	8.1	7.63	0.5	Pass
6	2437	8.12	8.08	0.5	Pass
11	2462	8.1	8.12	0.5	Pass
12	2467	8.12	8.08	0.5	Pass
13	2472	8.13	8.14	0.5	Pass

802.11g

Channel	Frequency (MHz)	6dB Bandwidth (MHz)		Minimum Limit (MHz)	Pass / Fail
		Chain 0	Chain 1		
1	2412	15.19	15.18	0.5	Pass
2	2417	15.21	15.19	0.5	Pass
6	2437	15.16	15.19	0.5	Pass
10	2457	15.14	15.18	0.5	Pass
11	2462	15.19	15.21	0.5	Pass
12	2467	15.24	15.18	0.5	Pass
13	2472	15.2	15.19	0.5	Pass

802.11ax (HE20)

Channel	Frequency (MHz)	6dB Bandwidth (MHz)		Minimum Limit (MHz)	Pass / Fail
		Chain 0	Chain 1		
1	2412	17.23	16.15	0.5	Pass
2	2417	17.14	16.25	0.5	Pass
6	2437	16.53	15.85	0.5	Pass
10	2457	16.09	17.25	0.5	Pass
11	2462	17.92	17.1	0.5	Pass
12	2467	17.57	18.08	0.5	Pass
13	2472	18.59	17.68	0.5	Pass

802.11ax (HE40)

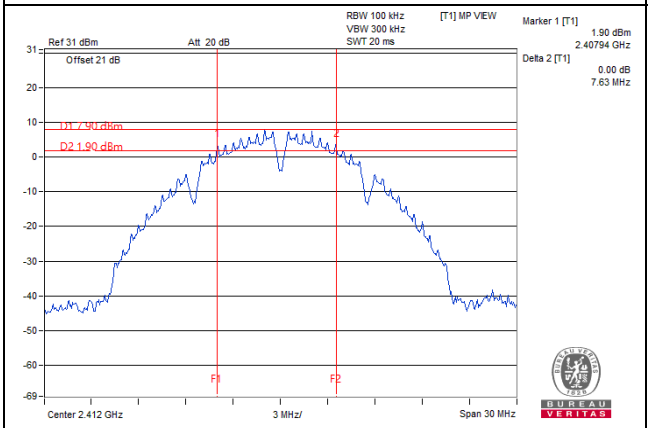
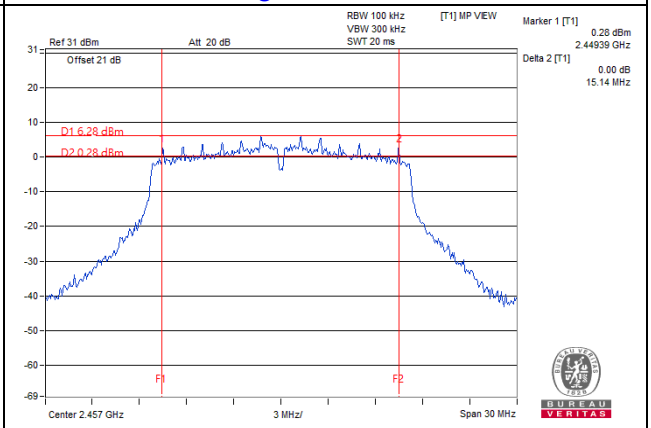
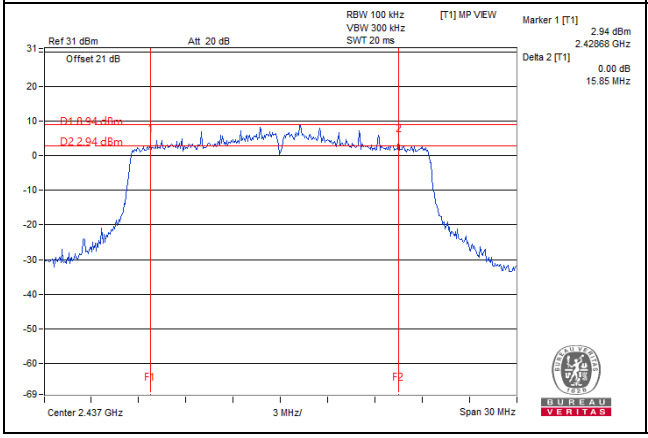
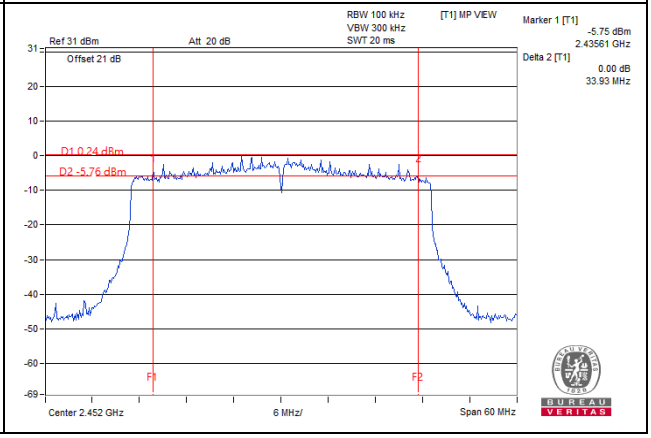
Channel	Frequency (MHz)	6dB Bandwidth (MHz)		Minimum Limit (MHz)	Pass / Fail
		Chain 0	Chain 1		
3	2422	36.02	36.24	0.5	Pass
4	2427	35.58	36.07	0.5	Pass
6	2437	36.87	35.48	0.5	Pass
8	2447	36.8	36.07	0.5	Pass
9	2452	35.64	33.93	0.5	Pass
10	2457	36.06	36.88	0.5	Pass
11	2462	35.48	36.41	0.5	Pass

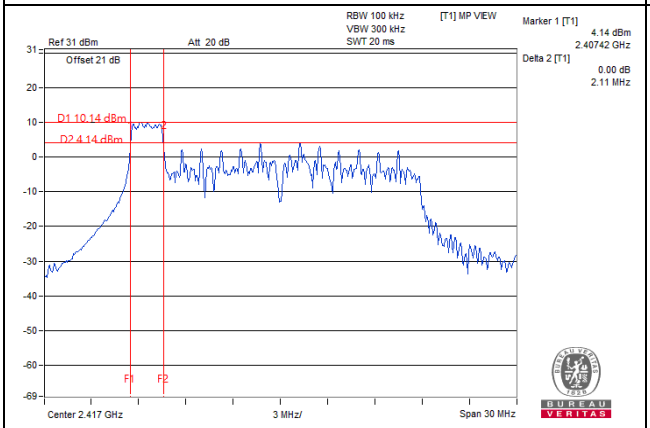
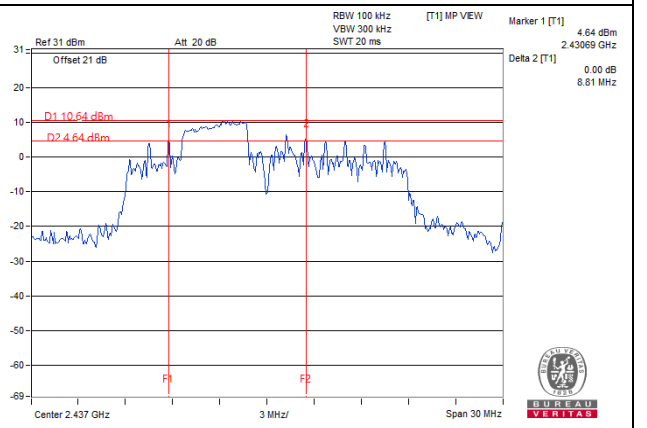
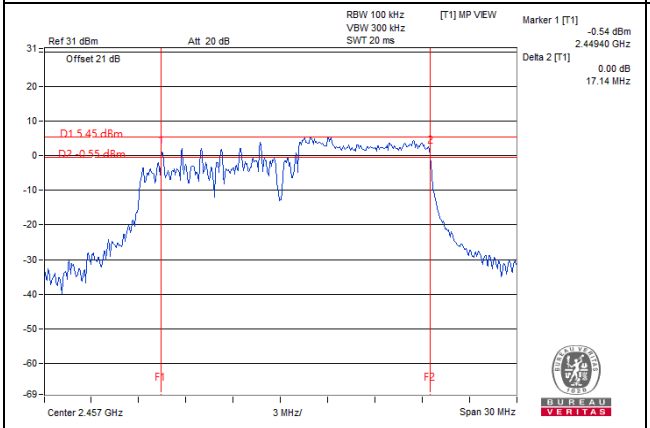
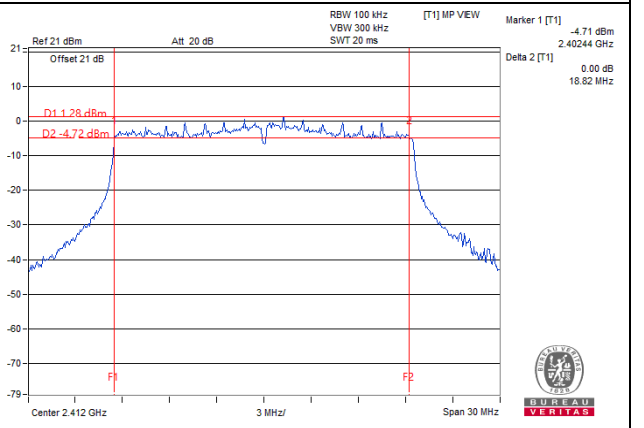
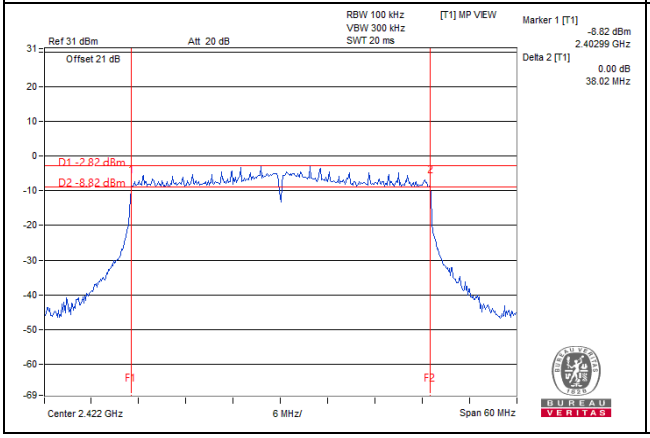
20MHz Preamble

RU Configuration	Channel	Frequency (MHz)	6dB Bandwidth (MHz)		Minimum Limit (MHz)	Pass / Fail
			Chain 0	Chain 1		
26/0	1	2412	2.12	2.13	0.5	Pass
26/0	2	2417	2.11	2.11	0.5	Pass
26/4	6	2437	2.7	2.68	0.5	Pass
26/8	10	2457	2.12	2.12	0.5	Pass
26/8	11	2462	2.15	2.12	0.5	Pass
26/8	12	2467	2.13	2.14	0.5	Pass
26/8	13	2472	2.13	2.13	0.5	Pass
52/37	1	2412	14.57	17.08	0.5	Pass
52/37	2	2417	14.57	17.08	0.5	Pass
52/38	6	2437	8.81	8.83	0.5	Pass
52/40	10	2457	14.56	14.55	0.5	Pass
52/40	11	2462	15.81	12.04	0.5	Pass
52/40	12	2467	15.82	12.03	0.5	Pass
52/40	13	2472	15.82	12.07	0.5	Pass
106/53	1	2412	17.2	17.21	0.5	Pass
106/53	2	2417	17.16	17.19	0.5	Pass
106/53	6	2437	17.2	17.19	0.5	Pass
106/54	10	2457	17.15	17.14	0.5	Pass
106/54	11	2462	17.16	17.19	0.5	Pass
106/54	12	2467	17.18	17.14	0.5	Pass
106/54	13	2472	17.16	17.16	0.5	Pass
242/61	1	2412	18.89	18.82	0.5	Pass
	2	2417	19	18.98	0.5	Pass
	6	2437	19	18.99	0.5	Pass
	10	2457	18.97	19.05	0.5	Pass
	11	2462	19.02	19	0.5	Pass
	12	2467	18.99	19.1	0.5	Pass
	13	2472	19	19.12	0.5	Pass

40MHz Preamble

RU Configuration	Channel	Frequency (MHz)	6dB Bandwidth (MHz)		Minimum Limit (MHz)	Pass / Fail
			Chain 0	Chain 1		
484/65	3	2422	38.02	38.07	0.5	Pass
	4	2427	38.06	38.32	0.5	Pass
	6	2437	38.14	38.16	0.5	Pass
	8	2447	38.14	38.2	0.5	Pass
	9	2452	38.22	38.31	0.5	Pass
	10	2457	38.12	38.15	0.5	Pass
	11	2462	38.04	38.11	0.5	Pass

Spectrum Plot of Worst Value	
802.11b_Chain 1 / CH1	**802.11g_Chain 0 / CH10**
	
802.11ax (HE20)_Chain 1 / CH6	**802.11ax (HE40)_Chain 1 / CH9**
	

Spectrum Plot of Worst Value	
20MHz Preamble_RU26_Chain 0 / CH2	**20MHz Preamble_RU52_Chain 0 / CH6**
	
20MHz Preamble_RU106_Chain 1 / CH10	**20MHz Preamble_RU242_Chain 1 / CH1**
	
40MHz Preamble_RU484_Chain 0 / CH3	
	

4.4 Conducted Output Power Measurement

4.4.1 Limits of Conducted Output Power Measurement

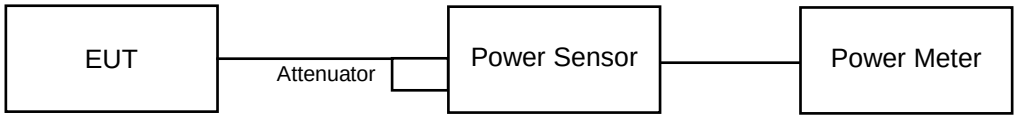
For systems using digital modulation in the 2400–2483.5 MHz bands: 1 Watt (30dBm)

Per KDB 662911 D01 Multiple Transmitter Output 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.

4.4.2 Test Setup



4.4.3 Test Instruments

Refer to section 4.1.2 to get information of above instrument.

4.4.4 Test Procedures

A peak power sensor was used on the output port of the EUT. A power meter was used to read the response of the peak power sensor. Record the power level.

Average power sensor was 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.

4.4.5 Deviation from Test Standard

No deviation.

4.4.6 EUT Operating Conditions

Same as Item 4.3.6.

4.4.7 Test Results

FOR PEAK POWER

802.11b

Chan.	Freq. (MHz)	Peak Power (dBm)		Total Power (mW)	Total Power (dBm)	Limit (dBm)	Pass / Fail
		Chain 0	Chain 1				
1	2412	19.47	19.24	172.458	22.37	29.46	Pass
6	2437	21.66	21.49	287.484	24.59	29.46	Pass
11	2462	20.06	19.53	191.134	22.81	29.46	Pass
12	2467	17.67	17.25	111.567	20.48	29.46	Pass
13	2472	14.07	14.03	50.82	17.06	29.46	Pass

Note: The directional gain = 3.53dBi + 10log(2) = 6.54dBi > 6dBi , therefore the limit needs to reduce, so the power limit shall be reduced to 30-(6.54-6) = 29.46dBm.

802.11g

Chan.	Freq. (MHz)	Peak Power (dBm)		Total Power (mW)	Total Power (dBm)	Limit (dBm)	Pass / Fail
		Chain 0	Chain 1				
1	2412	20.54	20.12	216.042	23.35	29.46	Pass
2	2417	20.76	20.66	235.537	23.72	29.46	Pass
6	2437	24.27	24.05	521.398	27.17	29.46	Pass
10	2457	22.00	21.59	302.701	24.81	29.46	Pass
11	2462	20.81	20.77	239.902	23.80	29.46	Pass
12	2467	19.47	19.49	177.432	22.49	29.46	Pass
13	2472	6.50	7.04	9.525	9.79	29.46	Pass

Note: The directional gain = 3.53dBi + 10log(2) = 6.54dBi > 6dBi , therefore the limit needs to reduce, so the power limit shall be reduced to 30-(6.54-6) = 29.46dBm.

VHT20

Chan.	Freq. (MHz)	Peak Power (dBm)		Total Power (mW)	Total Power (dBm)	Limit (dBm)	Pass / Fail
		Chain 0	Chain 1				
1	2412	19.90	20.41	207.624	23.17	29.46	Pass
2	2417	20.43	20.57	224.433	23.51	29.46	Pass
6	2437	23.68	23.32	448.129	26.51	29.46	Pass
10	2457	21.80	21.88	305.526	24.85	29.46	Pass
11	2462	20.47	20.36	220.072	23.43	29.46	Pass
12	2467	19.79	19.74	189.469	22.78	29.46	Pass
13	2472	7.26	7.78	11.319	10.54	29.46	Pass

Note: The directional gain = 3.53dBi + 10log(2) = 6.54dBi > 6dBi , therefore the limit needs to reduce, so the power limit shall be reduced to 30-(6.54-6) = 29.46dBm.

VHT40

Chan.	Freq. (MHz)	Peak Power (dBm)		Total Power (mW)	Total Power (dBm)	Limit (dBm)	Pass / Fail
		Chain 0	Chain 1				
3	2422	19.88	19.80	192.774	22.85	29.46	Pass
4	2427	20.34	20.15	211.658	23.26	29.46	Pass
6	2437	23.04	22.62	384.182	25.85	29.46	Pass
8	2447	19.21	19.36	169.666	22.30	29.46	Pass
9	2452	19.16	18.57	154.359	21.89	29.46	Pass
10	2457	18.54	18.31	139.214	21.44	29.46	Pass
11	2462	6.98	7.24	10.285	10.12	29.46	Pass

Note: The directional gain = 3.53dBi + 10log(2) = 6.54dBi > 6dBi , therefore the limit needs to reduce, so the power limit shall be reduced to 30-(6.54-6) = 29.46dBm.

802.11ax (HE20)

Chan.	Freq. (MHz)	Peak Power (dBm)		Total Power (mW)	Total Power (dBm)	Limit (dBm)	Pass / Fail
		Chain 0	Chain 1				
1	2412	20.04	20.61	216.005	23.34	29.46	Pass
2	2417	20.66	20.77	235.811	23.73	29.46	Pass
6	2437	23.91	23.51	470.425	26.72	29.46	Pass
10	2457	22.03	22.12	322.518	25.09	29.46	Pass
11	2462	20.68	20.58	231.238	23.64	29.46	Pass
12	2467	20.15	19.93	201.915	23.05	29.46	Pass
13	2472	7.59	8.08	12.168	10.85	29.46	Pass

Note: The directional gain = 3.53dBi + 10log(2) = 6.54dBi > 6dBi , therefore the limit needs to reduce, so the power limit shall be reduced to 30-(6.54-6) = 29.46dBm.

802.11ax (HE40)

Chan.	Freq. (MHz)	Peak Power (dBm)		Total Power (mW)	Total Power (dBm)	Limit (dBm)	Pass / Fail
		Chain 0	Chain 1				
3	2422	20.03	19.93	199.094	22.99	29.46	Pass
4	2427	20.61	20.36	223.723	23.50	29.46	Pass
6	2437	23.22	22.80	400.44	26.03	29.46	Pass
8	2447	19.52	19.60	180.738	22.57	29.46	Pass
9	2452	19.47	18.96	167.216	22.23	29.46	Pass
10	2457	18.98	18.60	151.511	21.80	29.46	Pass
11	2462	7.26	7.56	11.023	10.42	29.46	Pass

Note: The directional gain = 3.53dBi + 10log(2) = 6.54dBi > 6dBi , therefore the limit needs to reduce, so the power limit shall be reduced to 30-(6.54-6) = 29.46dBm.

20MHz Preamble

RU Configuration	Channel	Frequency (MHz)	Peak Power (dBm)		Total Power (mW)	Total Power (dBm)	Limit (dBm)	Pass / Fail
			Chain 0	Chain 0				
26/0	1	2412	21.60	21.75	294.168	24.69	29.46	Pass
26/0	2	2417	22.91	22.94	392.223	25.94	29.46	Pass
26/4	6	2437	24.88	24.81	610.301	27.86	29.46	Pass
26/8	10	2457	22.93	22.71	382.974	25.83	29.46	Pass
26/8	11	2462	21.89	22.08	315.961	25.00	29.46	Pass
26/8	12	2467	19.76	20.14	197.9	22.96	29.46	Pass
26/8	13	2472	0.83	0.72	2.391	3.79	29.46	Pass
52/37	1	2412	21.45	21.09	268.166	24.28	29.46	Pass
52/37	2	2417	23.05	23.27	414.161	26.17	29.46	Pass
52/38	6	2437	24.89	24.67	601.408	27.79	29.46	Pass
52/40	10	2457	22.84	22.65	376.386	25.76	29.46	Pass
52/40	11	2462	21.75	22.01	308.478	24.89	29.46	Pass
52/40	12	2467	19.57	20.06	191.964	22.83	29.46	Pass
52/40	13	2472	0.75	0.32	2.265	3.55	29.46	Pass
106/53	1	2412	21.55	21.69	290.46	24.63	29.46	Pass
106/53	2	2417	22.81	22.63	374.217	25.73	29.46	Pass
106/53	6	2437	24.98	24.53	598.567	27.77	29.46	Pass
106/54	10	2457	23.09	22.51	381.942	25.82	29.46	Pass
106/54	11	2462	22.90	23.02	395.432	25.97	29.46	Pass
106/54	12	2467	20.68	21.13	246.668	23.92	29.46	Pass
106/54	13	2472	0.74	0.93	2.425	3.85	29.46	Pass
242/61	1	2412	21.45	21.57	283.186	24.52	29.46	Pass
	2	2417	22.92	22.67	380.811	25.81	29.46	Pass
	6	2437	24.92	24.77	610.372	27.86	29.46	Pass
	10	2457	22.69	22.78	375.451	25.75	29.46	Pass
	11	2462	20.46	20.81	231.677	23.65	29.46	Pass
	12	2467	20.32	20.53	220.626	23.44	29.46	Pass
	13	2472	4.57	4.78	5.87	7.69	29.46	Pass

Note: The directional gain = 3.53dBi + 10log(2) = 6.54dBi > 6dBi , therefore the limit needs to reduce, so the power limit shall be reduced to 30-(6.54-6) = 29.46dBm.

40MHz Preamble

RU Configuration	Channel	Frequency (MHz)	Peak Power (dBm)		Total Power (mW)	Total Power (dBm)	Limit (dBm)	Pass / Fail
			Chain 0	Chain 0				
484/65	3	2422	20.49	20.24	217.626	23.38	29.46	Pass
	4	2427	20.68	20.51	229.41	23.61	29.46	Pass
	6	2437	22.98	22.93	394.946	25.97	29.46	Pass
	8	2447	20.57	20.13	217.064	23.37	29.46	Pass
	9	2452	20.46	20.35	219.566	23.42	29.46	Pass
	10	2457	20.06	19.79	196.671	22.94	29.46	Pass
	11	2462	5.59	5.86	7.477	8.74	29.46	Pass

Note: The directional gain = 3.53dBi + 10log(2) = 6.54dBi > 6dBi , therefore the limit needs to reduce, so the power limit shall be reduced to 30-(6.54-6) = 29.46dBm.

FOR AVERAGE POWER

802.11b

Chan.	Frequency (MHz)	Avg. Power (dBm)		Total Power (mW)	Total Power (dBm)
		Chain 0	Chain 1		
1	2412	17.32	16.81	101.924	20.08
6	2437	19.31	18.88	162.578	22.11
11	2462	17.66	17.14	110.105	20.42
12	2467	15.11	14.85	62.983	17.99
13	2472	11.52	11.64	28.779	14.59

802.11g

Chan.	Frequency (MHz)	Avg. Power (dBm)		Total Power (mW)	Total Power (dBm)
		Chain 0	Chain 1		
1	2412	14.45	14.37	55.214	17.42
2	2417	15.02	15.04	63.684	18.04
6	2437	19.51	19.35	175.43	22.44
10	2457	16.32	15.97	82.392	19.16
11	2462	15.22	15.02	65.035	18.13
12	2467	13.51	13.60	45.347	16.57
13	2472	0.60	0.89	2.376	3.76

VHT20

Chan.	Frequency (MHz)	Avg. Power (dBm)		Total Power (mW)	Total Power (dBm)
		Chain 0	Chain 1		
1	2412	13.19	13.32	42.323	16.27
2	2417	13.74	13.75	47.373	16.76
6	2437	19.54	19.07	170.673	22.32
10	2457	15.60	15.28	70.037	18.45
11	2462	13.98	13.75	48.717	16.88
12	2467	13.25	13.44	43.215	16.36
13	2472	0.36	0.77	2.28	3.58

VHT40

Chan.	Frequency (MHz)	Avg. Power (dBm)		Total Power (mW)	Total Power (dBm)
		Chain 0	Chain 1		
3	2422	13.80	13.69	47.377	16.76
4	2427	14.16	14.01	51.238	17.10
6	2437	16.88	16.66	95.098	19.78
8	2447	13.39	13.10	42.245	16.26
9	2452	13.00	12.68	38.488	15.85
10	2457	12.40	12.32	34.439	15.37
11	2462	0.88	1.15	2.528	4.03

802.11ax (HE20)

Chan.	Frequency (MHz)	Avg. Power (dBm)		Total Power (mW)	Total Power (dBm)
		Chain 0	Chain 1		
1	2412	13.36	13.43	43.706	16.41
2	2417	13.94	13.82	48.873	16.89
6	2437	19.65	19.19	175.242	22.44
10	2457	15.70	15.47	72.391	18.60
11	2462	14.21	14.11	52.127	17.17
12	2467	13.47	13.59	45.089	16.54
13	2472	0.48	0.94	2.359	3.73

802.11ax (HE40)

Chan.	Frequency (MHz)	Avg. Power (dBm)		Total Power (mW)	Total Power (dBm)
		Chain 0	Chain 1		
3	2422	13.85	13.75	47.98	16.81
4	2427	14.29	14.10	52.557	17.21
6	2437	16.94	16.70	96.205	19.83
8	2447	13.43	13.18	42.826	16.32
9	2452	13.11	12.77	39.388	15.95
10	2457	12.55	12.44	35.528	15.51
11	2462	0.94	1.23	2.569	4.10

20MHz Preamble

RU Configuration	Channel	Frequency (MHz)	Avg. Power (dBm)		Total Power (mW)	Total Power (dBm)
			Chain 0	Chain 1		
26/0	1	2412	13.18	13.41	42.725	16.31
26/0	2	2417	14.26	14.41	54.274	17.35
26/4	6	2437	17.93	17.58	119.367	20.77
26/8	10	2457	14.40	14.35	54.769	17.39
26/8	11	2462	12.83	12.68	37.722	15.77
26/8	12	2467	11.49	11.28	27.521	14.40
26/8	13	2472	-10.93	-10.65	0.16682	-7.78
52/37	1	2412	13.33	13.21	42.469	16.28
52/37	2	2417	14.15	14.37	53.354	17.27
52/38	6	2437	17.96	17.52	119.011	20.76
52/40	10	2457	14.25	14.33	53.709	17.30
52/40	11	2462	12.86	12.69	37.898	15.79
52/40	12	2467	11.58	11.32	27.94	14.46
52/40	13	2472	-10.83	-10.74	0.16694	-7.77
106/53	1	2412	13.18	13.36	42.474	16.28
106/53	2	2417	14.34	14.42	54.834	17.39
106/53	6	2437	17.85	17.69	119.703	20.78
106/54	10	2457	14.18	14.39	53.661	17.30
106/54	11	2462	12.95	12.66	38.174	15.82
106/54	12	2467	11.45	11.27	27.36	14.37
106/54	13	2472	-10.86	-10.77	0.16579	-7.80
242/61	1	2412	12.08	12.11	32.399	15.11
	2	2417	12.88	12.73	38.159	15.82
	6	2437	17.73	17.51	115.656	20.63
	10	2457	12.98	13.01	39.86	16.01
	11	2462	11.35	11.49	27.739	14.43
	12	2467	10.58	10.72	23.232	13.66
	13	2472	-5.31	-5.14	0.6006	-2.21

40MHz Preamble

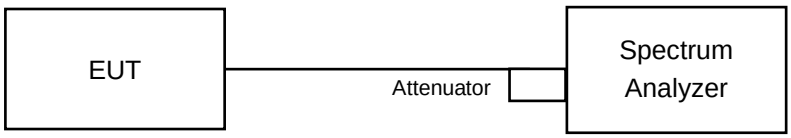
RU Configuration	Channel	Frequency (MHz)	Avg. Power (dBm)		Total Power (mW)	Total Power (dBm)
			Chain 0	Chain 1		
484/65	3	2422	10.91	10.58	23.76	13.76
	4	2427	11.48	11.29	27.519	14.40
	6	2437	14.16	13.76	49.83	16.97
	8	2447	11.46	11.38	27.736	14.43
	9	2452	10.98	10.74	24.389	13.87
	10	2457	10.52	10.35	22.111	13.45
	11	2462	-3.43	-3.12	0.9415	-0.26

4.5 Power Spectral Density Measurement

4.5.1 Limits of Power Spectral Density Measurement

The Maximum of Power Spectral Density Measurement is 8 dBm in any 3 kHz.

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

a. Set analyzer center frequency to DTS channel center frequency.
b. Set the span to 1.5 times the DTS bandwidth.
c. Set the RBW to: 3 kHz ≤ RBW ≤ 100 kHz.
d. Set the VBW ≥ 3 × RBW.
e. Detector = peak.
f. Sweep time = auto couple.
g. Trace mode = max hold.
h. Allow trace to fully stabilize.
i. Use the peak marker function to determine the maximum amplitude level within the RBW.

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

802.11b

Chan.	Chan. Freq. (MHz)	PSD (dBm/3kHz)		Total PSD (dBm/3kHz)	PSD Limit (dBm/3kHz)	Pass / Fail
		Chain 0	Chain 1			
1	2412	-6.06	-6.58	-3.30	7.46	Pass
6	2437	-3.70	-3.86	-0.77	7.46	Pass
11	2462	-5.70	-5.84	-2.76	7.46	Pass
12	2467	-6.95	-7.82	-4.35	7.46	Pass
13	2472	-11.10	-11.18	-8.13	7.46	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 = 3.53dBi + 10log(2) = 6.54dBi > 6dBi, so the power density limit shall be reduced to 8-(6.54-6) = 7.46dBm.

802.11g

Chan.	Chan. Freq. (MHz)	PSD (dBm/3kHz)		Total PSD (dBm/3kHz)	PSD Limit (dBm/3kHz)	Pass / Fail
		Chain 0	Chain 1			
1	2412	-9.17	-9.86	-6.49	7.46	Pass
2	2417	-9.71	-9.73	-6.71	7.46	Pass
6	2437	-5.14	-4.76	-1.94	7.46	Pass
10	2457	-8.21	-7.41	-4.78	7.46	Pass
11	2462	-9.09	-9.49	-6.27	7.46	Pass
12	2467	-11.33	-10.86	-8.08	7.46	Pass
13	2472	-23.53	-23.39	-20.45	7.46	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 = 3.53dBi + 10log(2) = 6.54dBi > 6dBi, so the power density limit shall be reduced to 8-(6.54-6) = 7.46dBm.

802.11ax (HE20)

Chan.	Chan. Freq. (MHz)	PSD (dBm/3kHz)		Total PSD (dBm/3kHz)	PSD Limit (dBm/3kHz)	Pass / Fail
		Chain 0	Chain 1			
1	2412	-10.16	-11.46	-7.75	7.46	Pass
2	2417	-9.97	-11.28	-7.57	7.46	Pass
6	2437	-4.88	-3.92	-1.36	7.46	Pass
10	2457	-8.35	-8.88	-5.60	7.46	Pass
11	2462	-11.04	-10.91	-7.96	7.46	Pass
12	2467	-10.07	-10.65	-7.34	7.46	Pass
13	2472	-24.92	-26.17	-22.49	7.46	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 = 3.53dBi + 10log(2) = 6.54dBi > 6dBi, so the power density limit shall be reduced to 8-(6.54-6) = 7.46dBm.

802.11ax (HE40)

Chan.	Chan. Freq. (MHz)	PSD (dBm/3kHz)		Total PSD (dBm/3kHz)	PSD Limit (dBm/3kHz)	Pass / Fail
		Chain 0	Chain 1			
3	2422	-14.10	-14.17	-11.12	7.46	Pass
4	2427	-13.89	-12.97	-10.40	7.46	Pass
6	2437	-11.36	-10.19	-7.73	7.46	Pass
8	2447	-14.44	-14.62	-11.52	7.46	Pass
9	2452	-14.53	-14.10	-11.30	7.46	Pass
10	2457	-15.51	-16.07	-12.77	7.46	Pass
11	2462	-26.91	-25.64	-23.22	7.46	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 = 3.53dBi + 10log(2) = 6.54dBi > 6dBi, so the power density limit shall be reduced to 8-(6.54-6) = 7.46dBm.

20MHz Preamble

RU Configuration	Chan.	Chan. Freq. (MHz)	PSD (dBm/3kHz)		Total PSD (dBm/3kHz)	PSD Limit (dBm/3kHz)	Pass / Fail
			Chain 0	Chain 1			
26/0	1	2412	-3.42	-4.20	-0.78	7.46	Pass
26/0	2	2417	-2.99	-2.66	0.19	7.46	Pass
26/4	6	2437	0.30	-0.24	3.05	7.46	Pass
26/8	10	2457	-2.67	-3.80	-0.19	7.46	Pass
26/8	11	2462	-4.80	-4.96	-1.87	7.46	Pass
26/8	12	2467	-5.97	-6.22	-3.08	7.46	Pass
26/8	13	2472	-28.69	-28.60	-25.64	7.46	Pass
52/37	1	2412	-5.58	-5.16	-2.35	7.46	Pass
52/37	2	2417	-4.45	-4.09	-1.26	7.46	Pass
52/38	6	2437	-1.98	-2.03	1.01	7.46	Pass
52/40	10	2457	-5.55	-5.86	-2.69	7.46	Pass
52/40	11	2462	-6.54	-6.62	-3.57	7.46	Pass
52/40	12	2467	-7.59	-8.16	-4.86	7.46	Pass
52/40	13	2472	-30.56	-30.82	-27.68	7.46	Pass
106/53	1	2412	-7.96	-8.41	-5.17	7.46	Pass
106/53	2	2417	-8.20	-6.94	-4.51	7.46	Pass
106/53	6	2437	-4.25	-4.39	-1.31	7.46	Pass
106/54	10	2457	-7.65	-8.33	-4.97	7.46	Pass
106/54	11	2462	-9.05	-10.78	-6.82	7.46	Pass
106/54	12	2467	-11.28	-10.77	-8.01	7.46	Pass
106/54	13	2472	-34.13	-33.19	-30.62	7.46	Pass
242/61	1	2412	-13.26	-12.80	-10.01	7.46	Pass
	2	2417	-12.00	-13.11	-9.51	7.46	Pass
	6	2437	-8.24	-7.68	-4.94	7.46	Pass
	10	2457	-12.41	-11.53	-8.94	7.46	Pass
	11	2462	-13.08	-13.94	-10.48	7.46	Pass
	12	2467	-14.33	-12.85	-10.52	7.46	Pass
	13	2472	-29.78	-30.70	-27.21	7.46	Pass

Note: 1. Method b) Measure and sum spectral maxima across the outputs of KDB 662911 is using for calculating total power density.

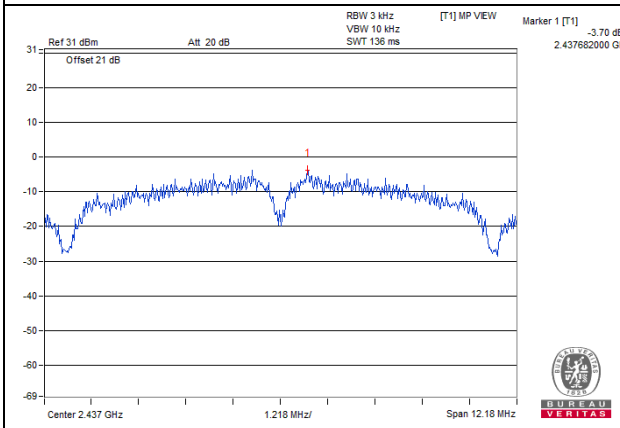
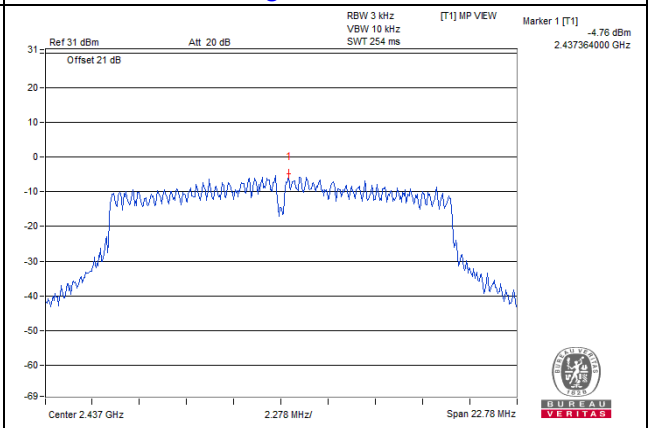
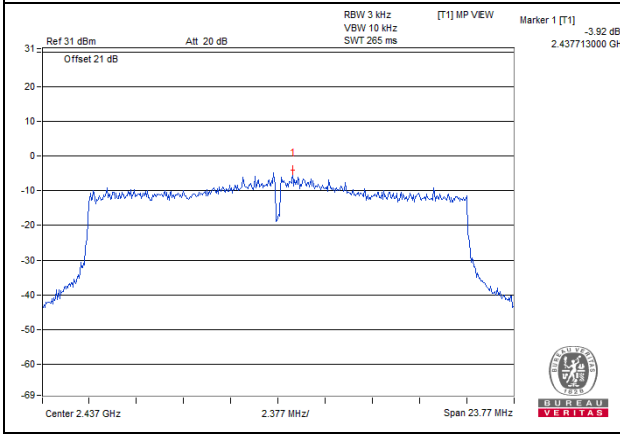
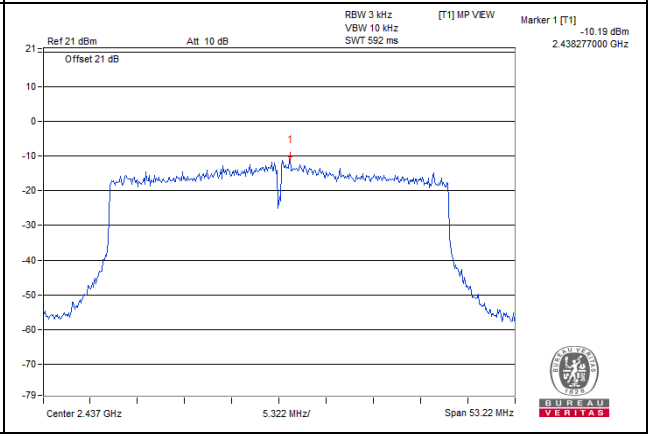
2. The directional gain = 3.53dBi + 10log(2) = 6.54dBi > 6dBi, so the power density limit shall be reduced to 8-(6.54-6) = 7.46dBm.

40MHz Preamble

RU Configuration	Chan.	Chan. Freq. (MHz)	PSD (dBm/3kHz)		Total PSD (dBm/3kHz)	PSD Limit (dBm/3kHz)	Pass / Fail
			Chain 0	Chain 1			
484/65	3	2422	-16.22	-17.01	-13.59	7.46	Pass
	4	2427	-16.08	-15.70	-12.88	7.46	Pass
	6	2437	-12.86	-12.92	-9.88	7.46	Pass
	8	2447	-15.35	-14.70	-12.00	7.46	Pass
	9	2452	-17.10	-16.70	-13.88	7.46	Pass
	10	2457	-16.66	-17.80	-14.18	7.46	Pass
	11	2462	-30.52	-29.44	-26.94	7.46	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 = 3.53dBi + 10log(2) = 6.54dBi > 6dBi, so the power density limit shall be reduced to 8-(6.54-6) = 7.46dBm.

Spectrum Plot of Worst Value	
802.11b_Chain 0 / CH6	**802.11g_Chain 1 / CH6**
	
802.11ax (HE20)_Chain 1 / CH6	**802.11ax (HE40)_Chain 1 / CH6**
	

Spectrum Plot of Worst Value	
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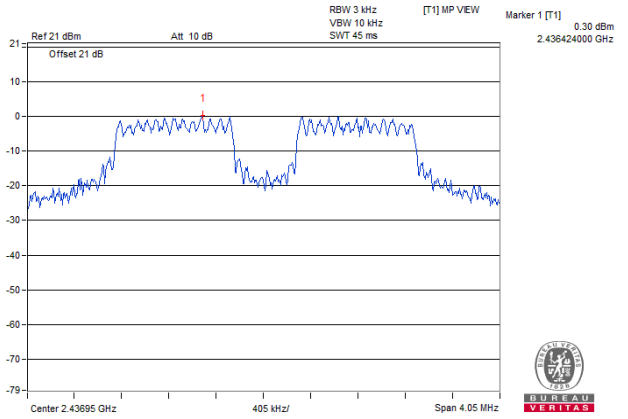
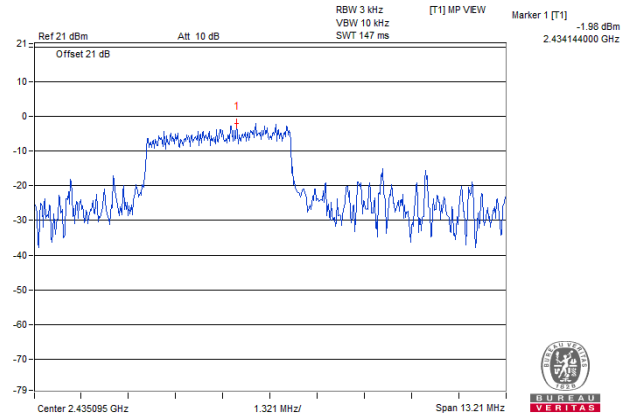
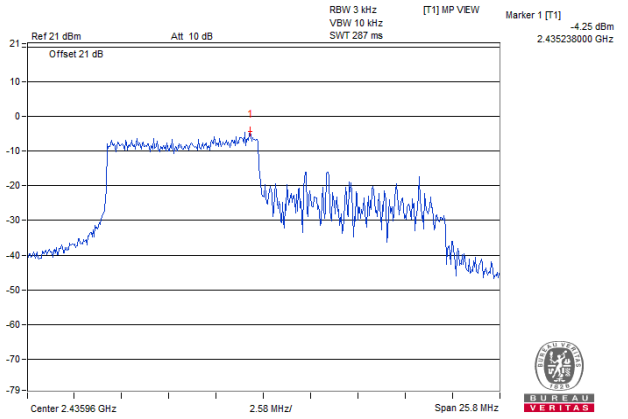
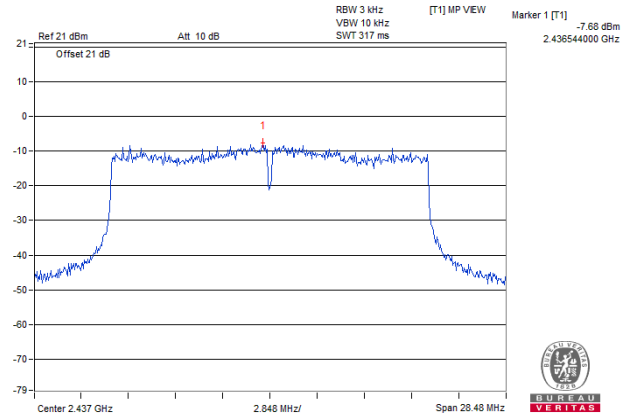
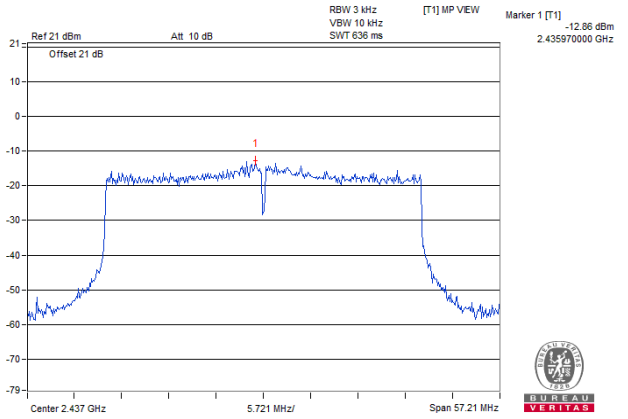
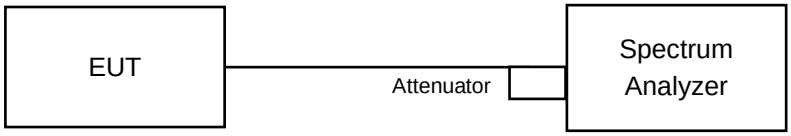
	
20MHz Preamble_RU106_Chain 0 / CH6	**20MHz Preamble_RU242_Chain 1 / CH6**
	
40MHz Preamble_RU484_Chain 0 / CH6	
	

4.6 Conducted Out of Band Emission Measurement

4.6.1 Limits of Conducted Out of Band Emission Measurement

Below 20dB of the highest emission level of operating band (in 100kHz Resolution Bandwidth).

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

MEASUREMENT PROCEDURE REF

1. Set the RBW = 100 kHz.
2. Set the VBW ≥ 300 kHz.
3. Detector = peak.
4. Sweep time = auto couple.
5. Trace mode = max hold.
6. Allow trace to fully stabilize.
7. Use the peak marker function to determine the maximum power level in any 100 kHz band segment within the fundamental EBW.

MEASUREMENT PROCEDURE OOBE

1. Set RBW = 100 kHz.
2. Set VBW ≥ 300 kHz.
3. Detector = peak.
4. Sweep = auto couple.
5. Trace Mode = max hold.
6. Allow trace to fully stabilize.
7. Use the peak marker function to determine the maximum amplitude level.

4.6.5 Deviation from Test Standard

No deviation.

4.6.6 EUT Operating Condition

Same as Item 4.3.6

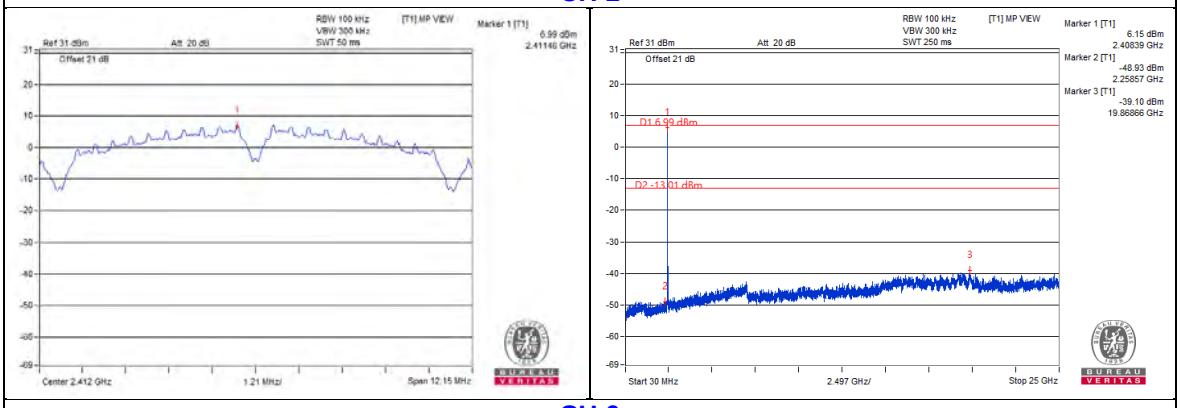
4.6.7 Test Results

The spectrum plots are attached on the following pages. D1 line indicates the highest level, and D2 line indicates the 20dB offset below D1. It shows compliance with the requirement.

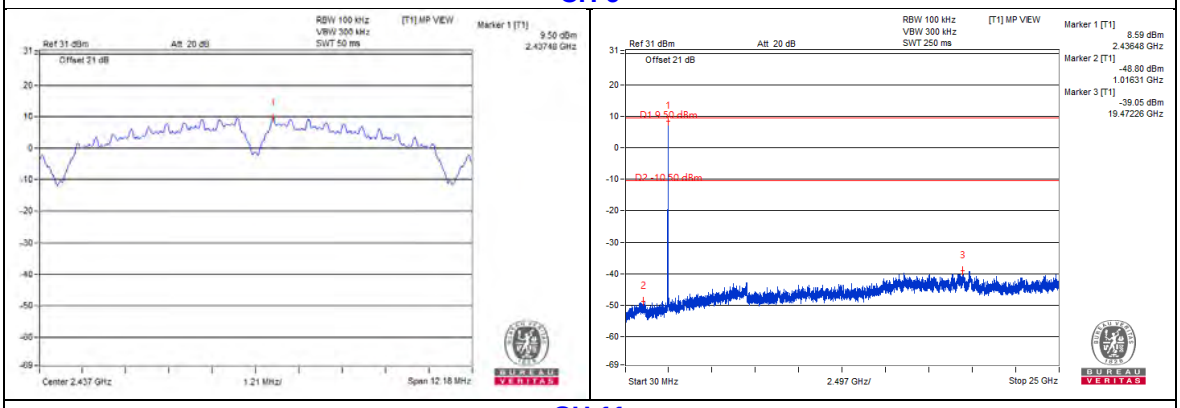
802.11b

Chain 0

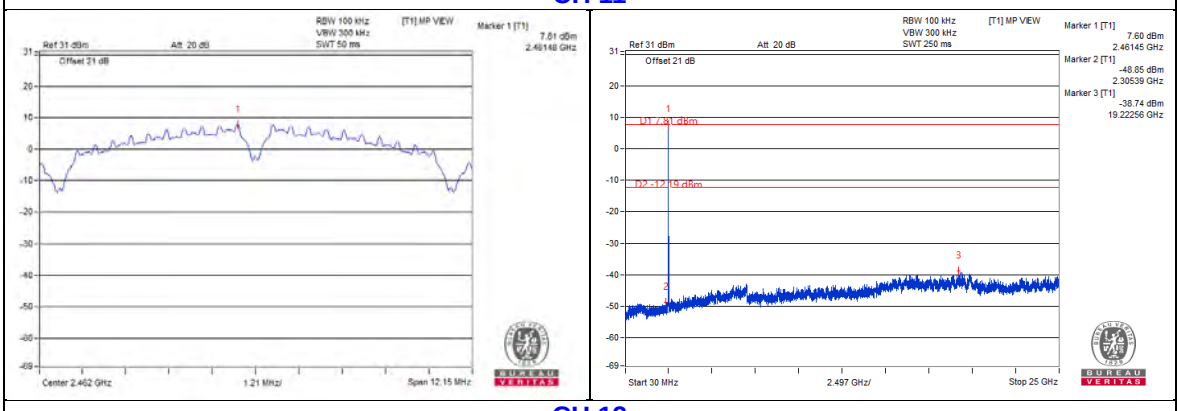
CH 1



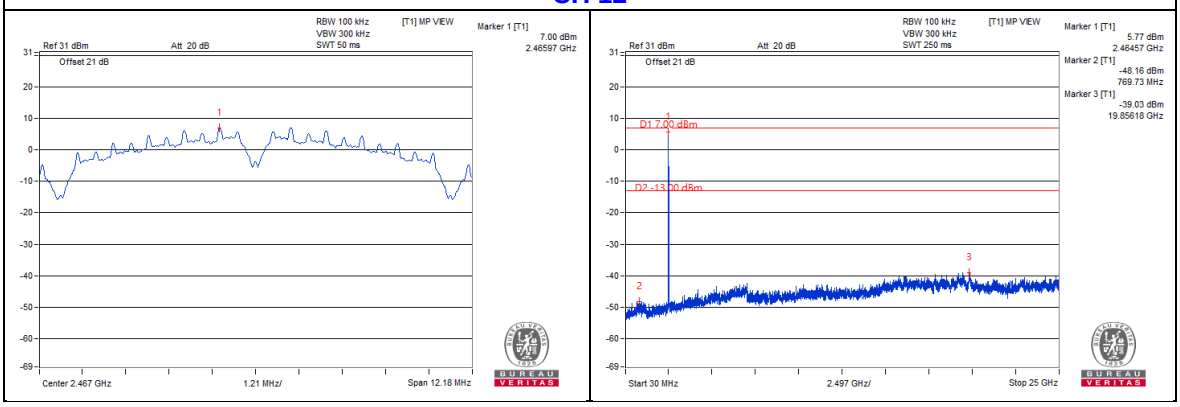
CH 6



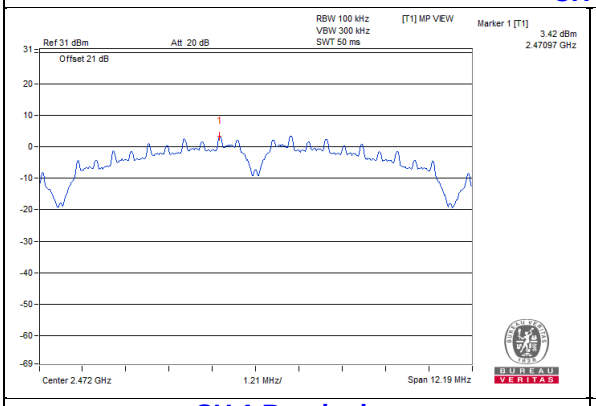
CH 11

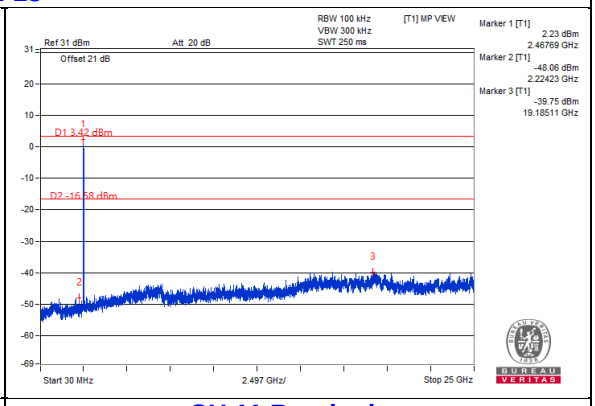


CH 12

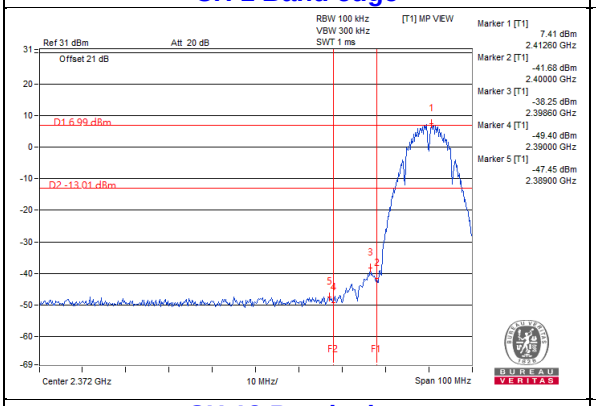


CH 13

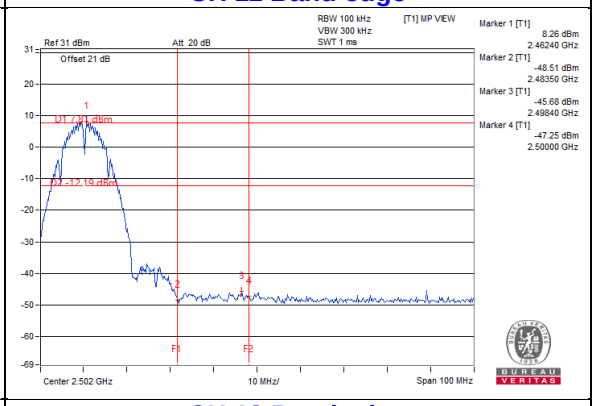




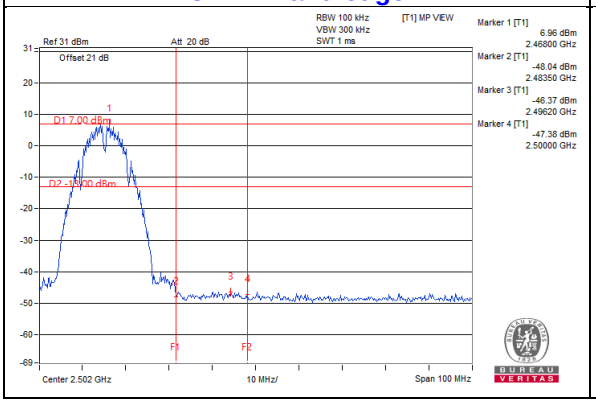
CH 1 Band edge



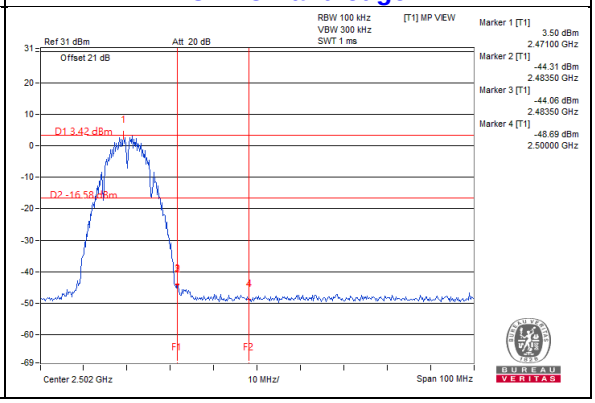
CH 11 Band edge



CH 12 Band edge

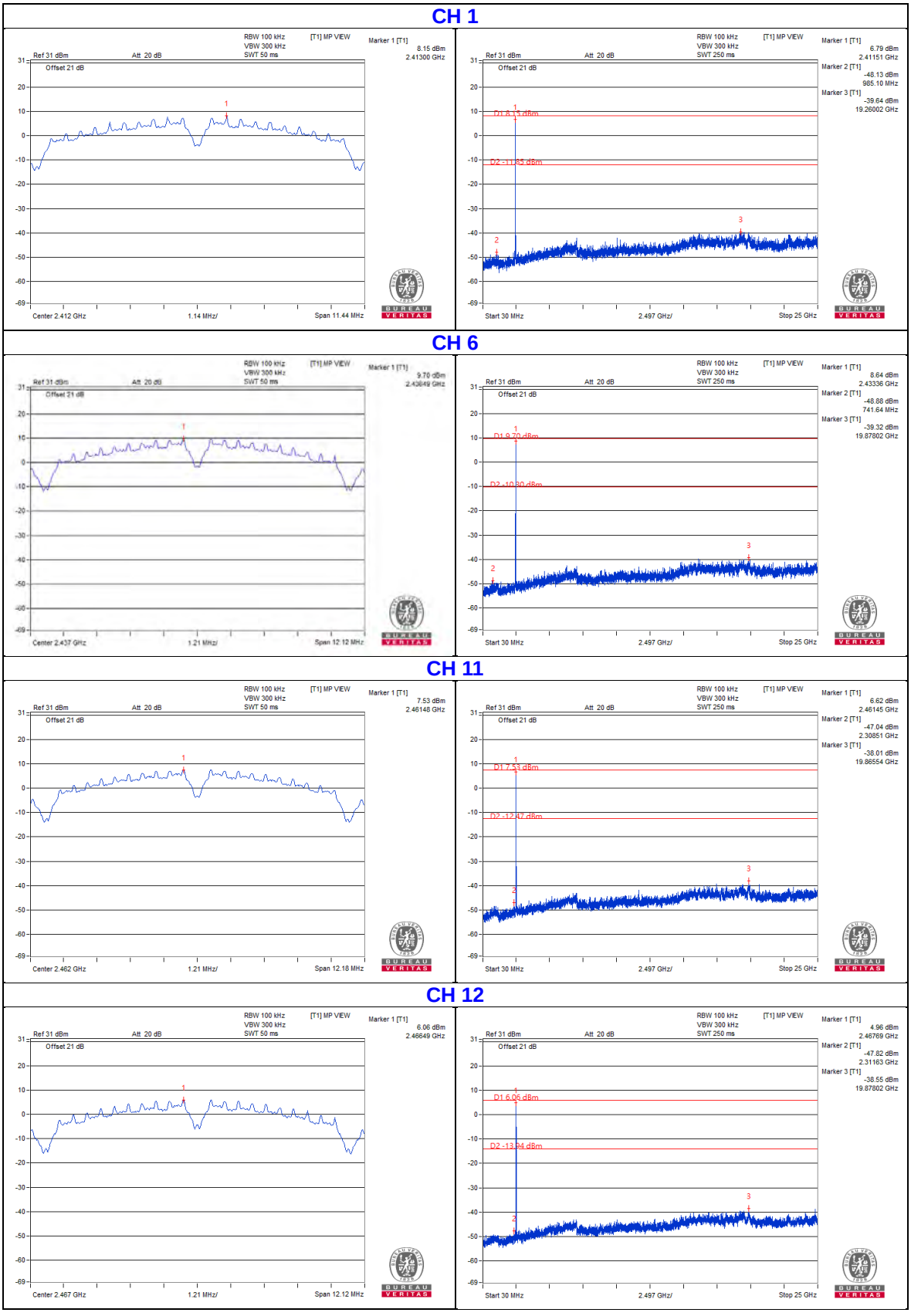


CH 13 Band edge



Chain 1

CH 1

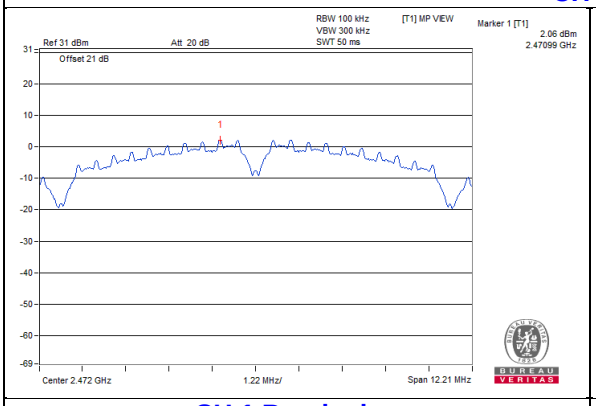


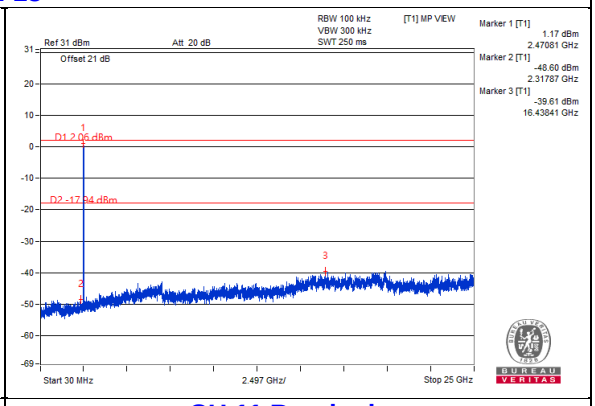
CH 6

CH 11

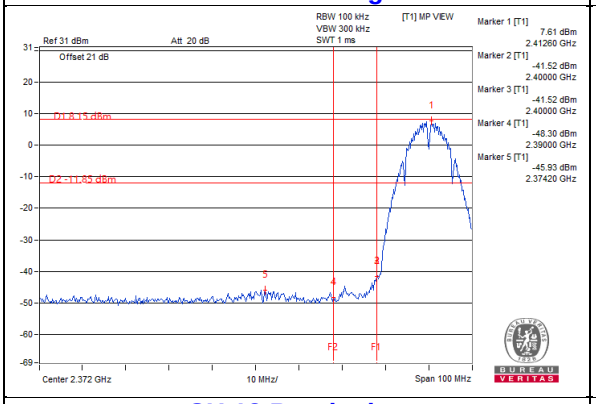
CH 12

CH 13

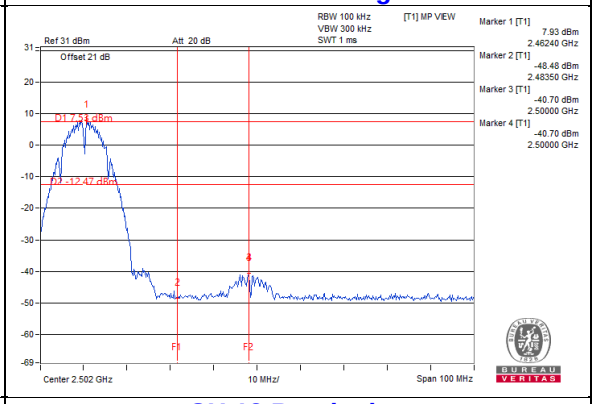




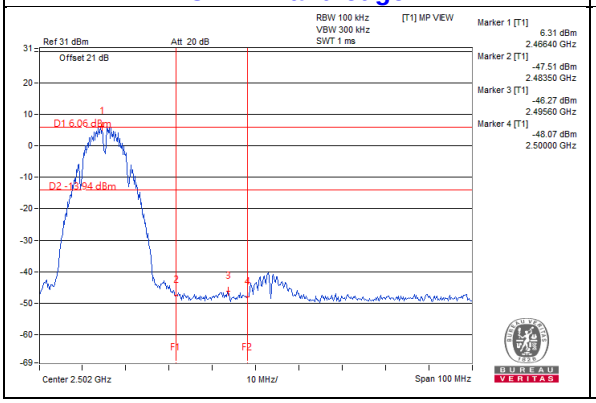
CH 1 Band edge



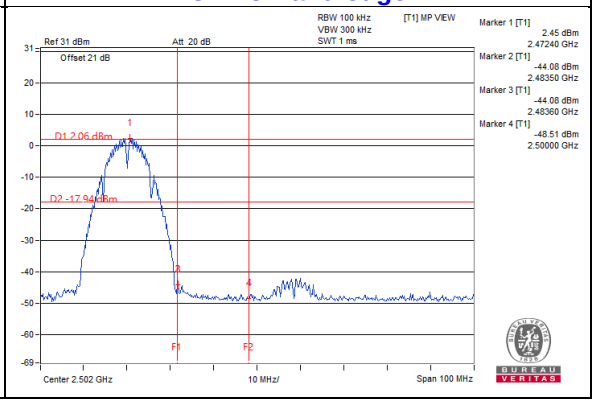
CH 11 Band edge



CH 12 Band edge



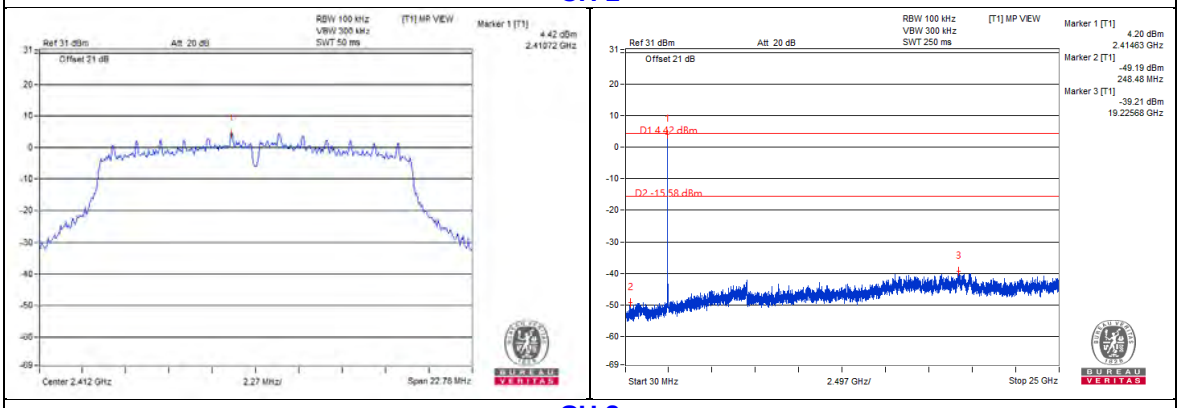
CH 13 Band edge



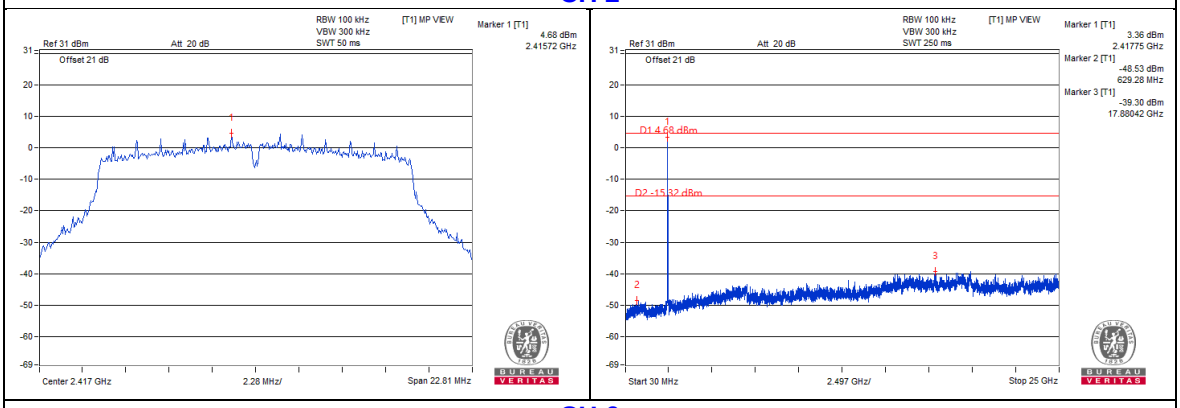
802.11g

Chain 0

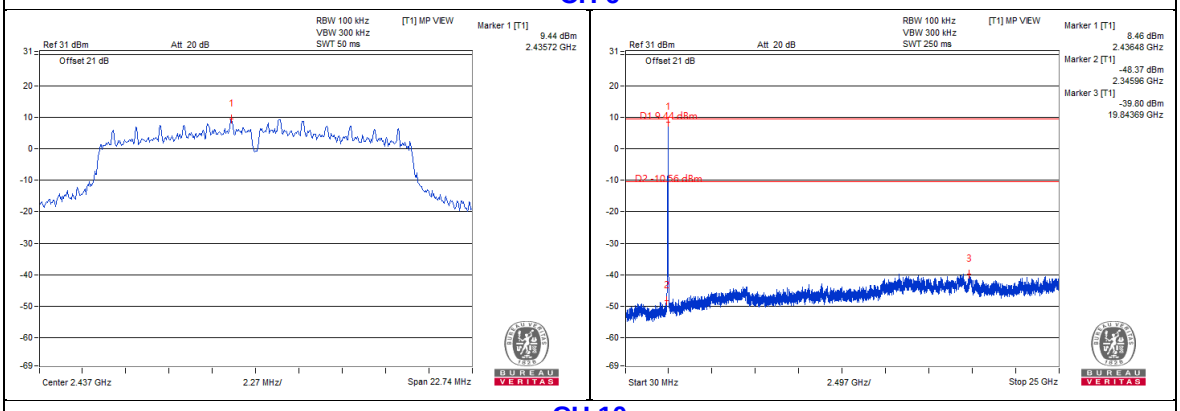
CH 1



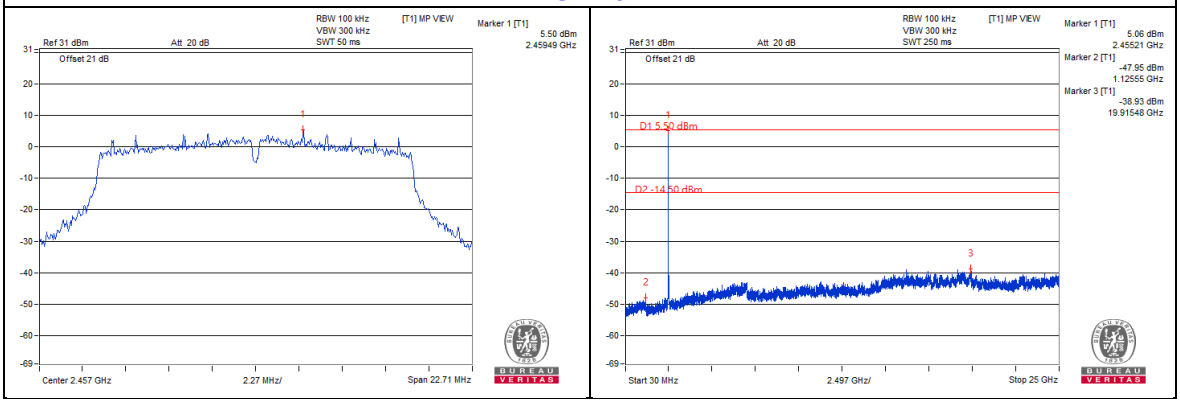
CH 2



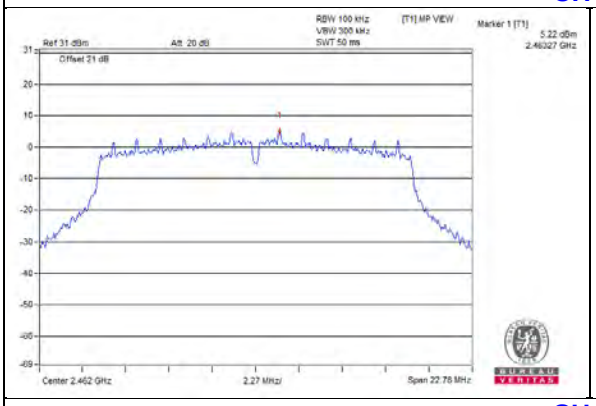
CH 6

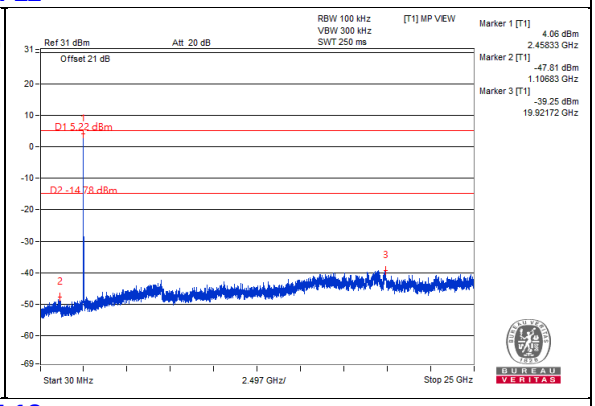


CH 10

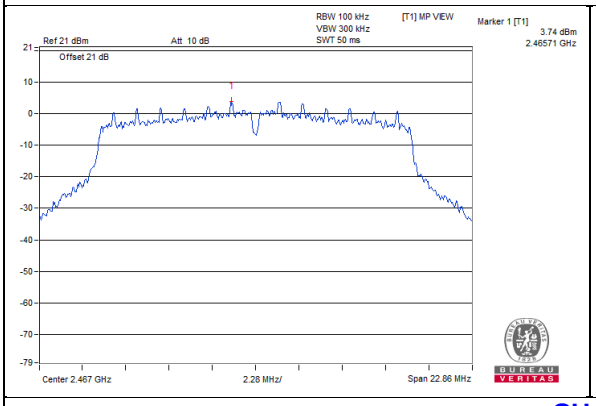


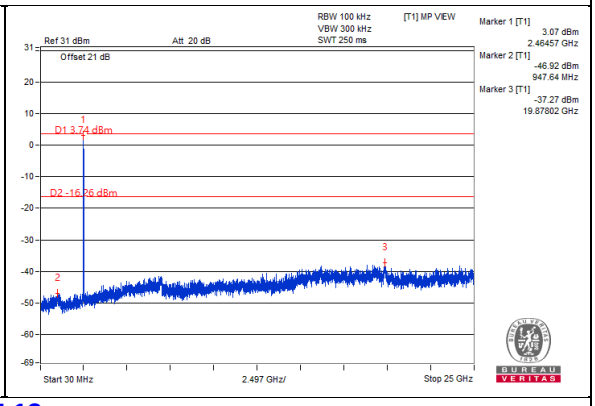
CH 11



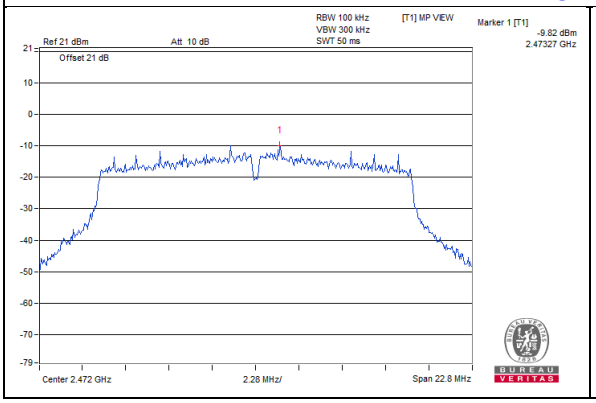


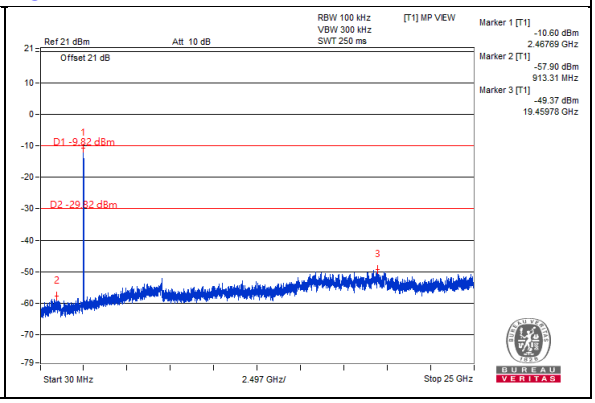
CH 12



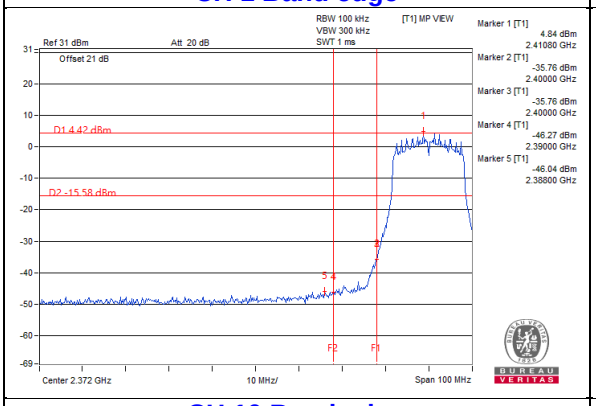


CH 13

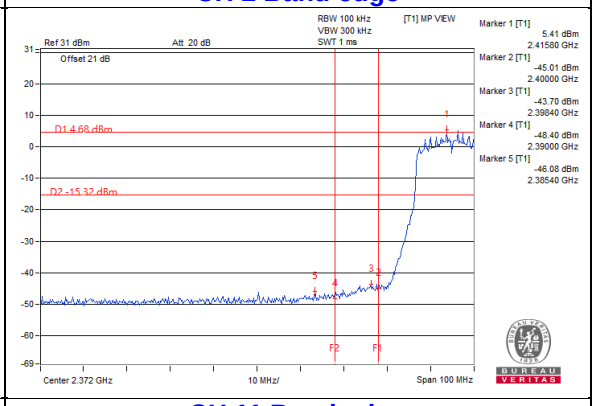




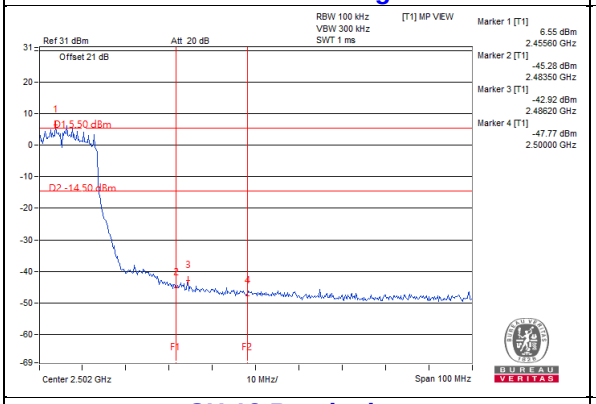
CH 1 Band edge



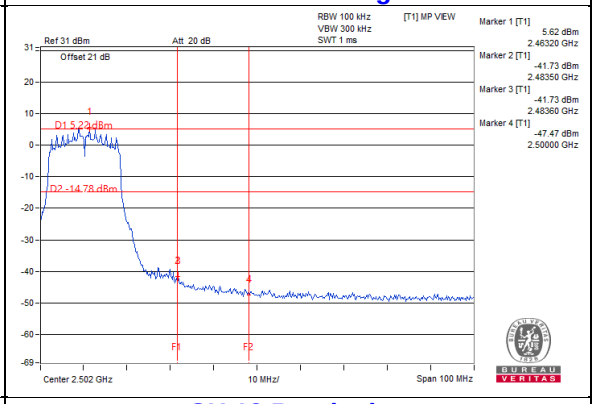
CH 2 Band edge



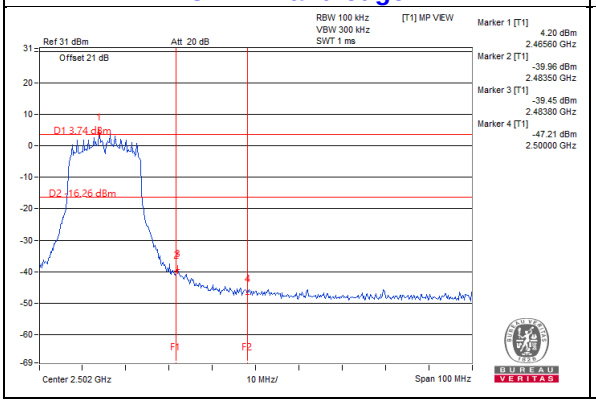
CH 10 Band edge



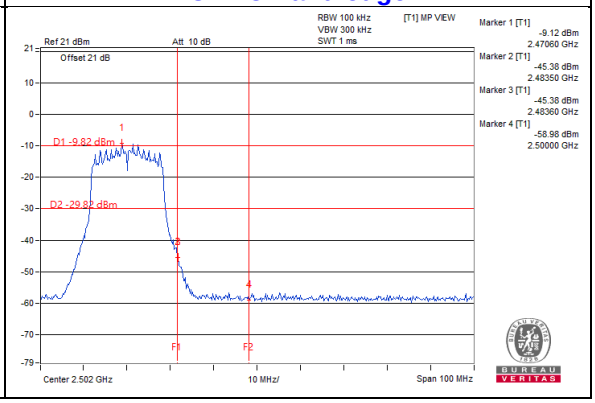
CH 11 Band edge



CH 12 Band edge

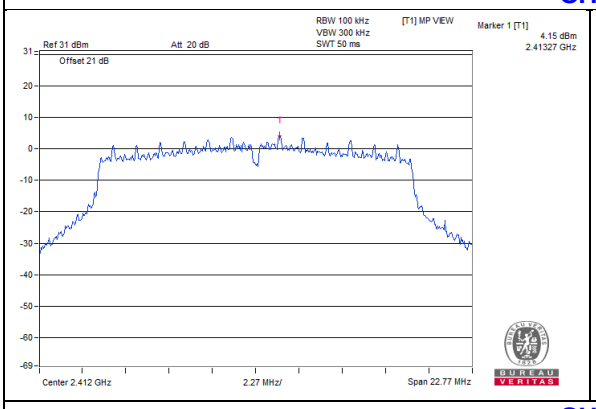


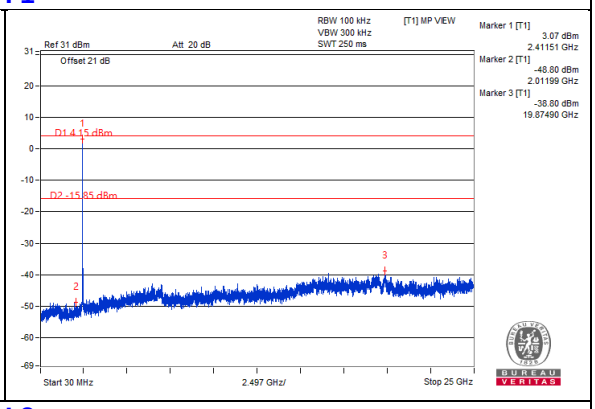
CH 13 Band edge



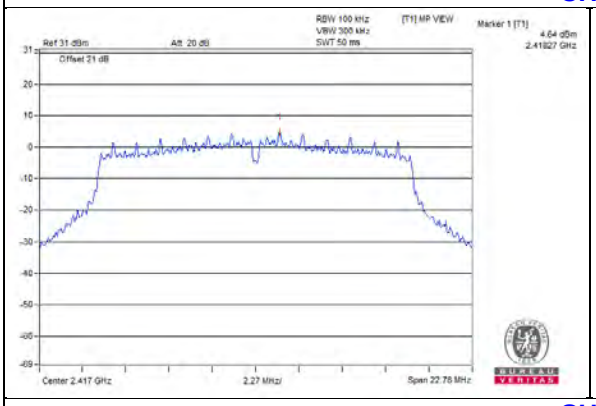
Chain 1

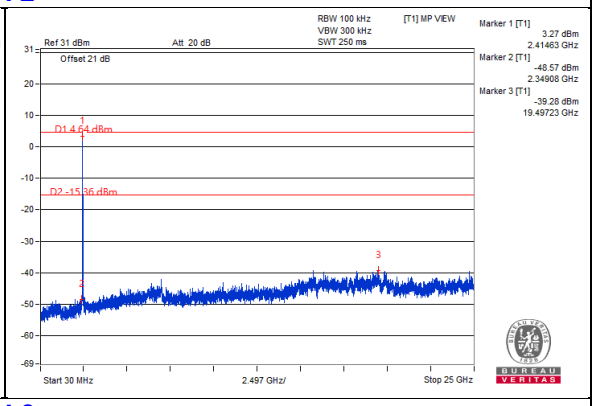
CH 1



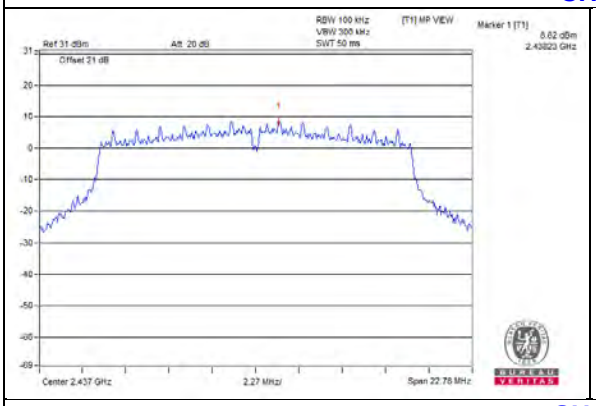


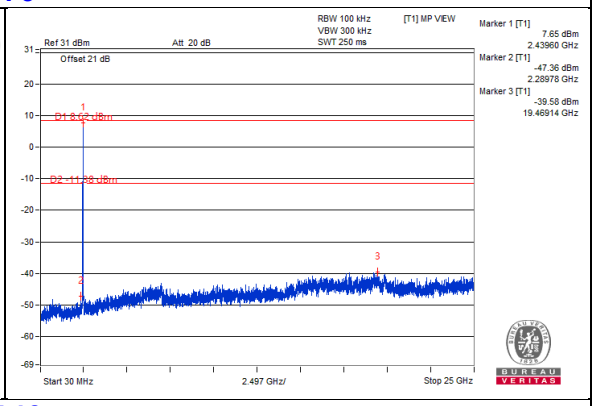
CH 2



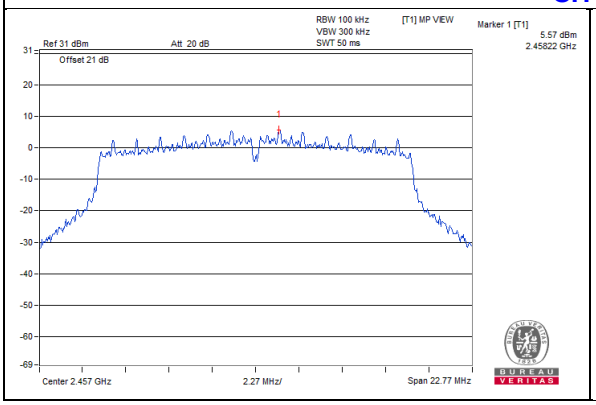


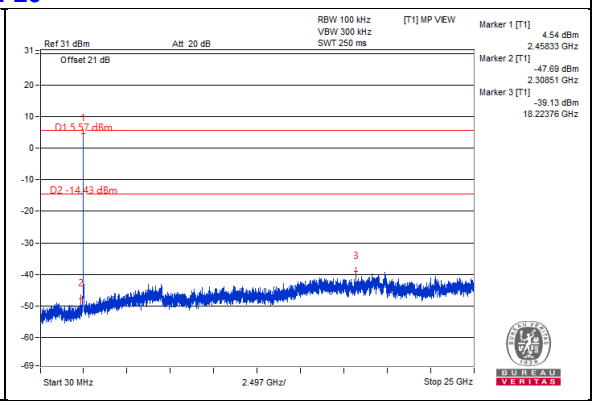
CH 6



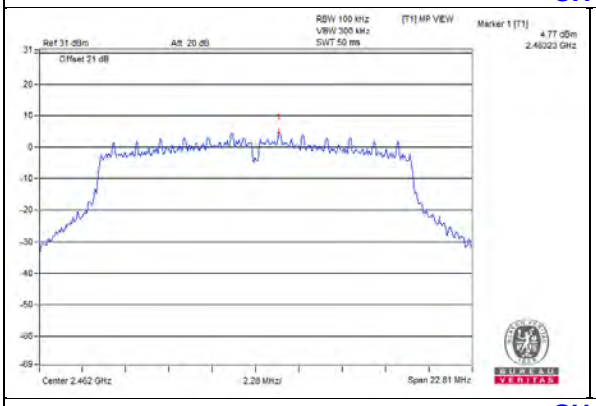


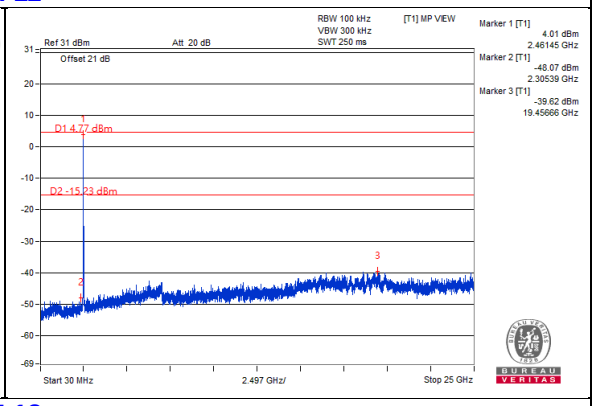
CH 10



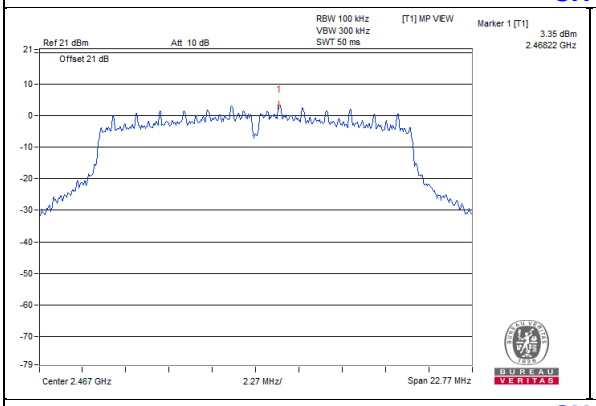


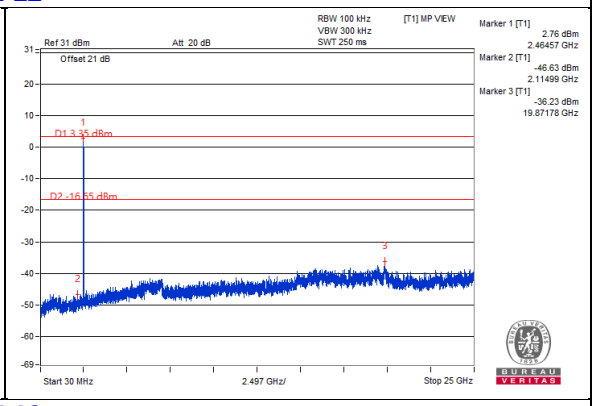
CH 11



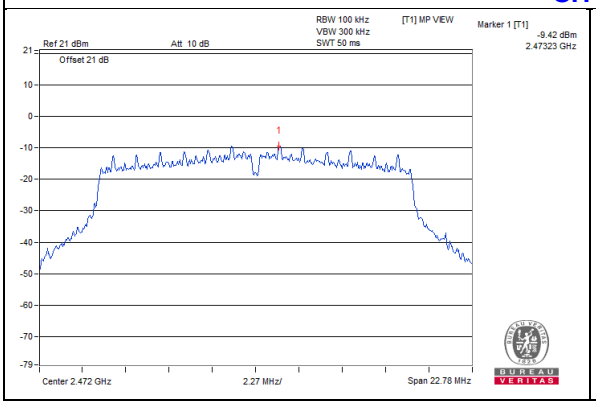


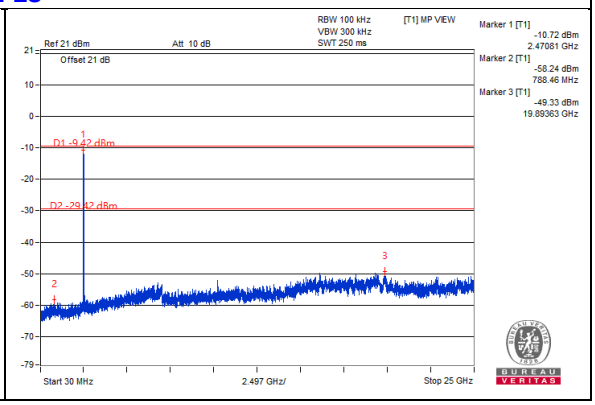
CH 12



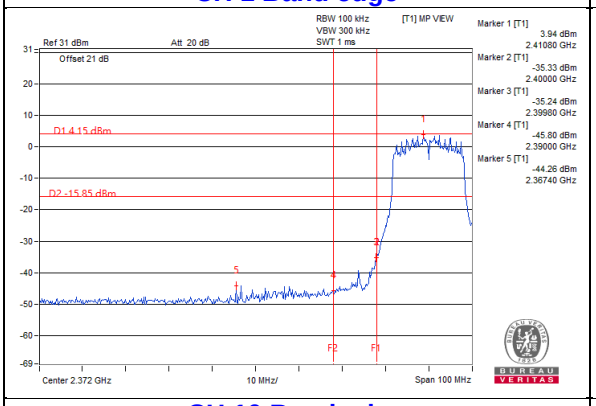


CH 13

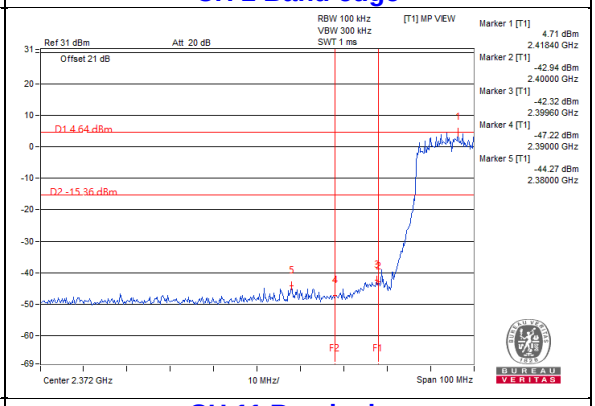




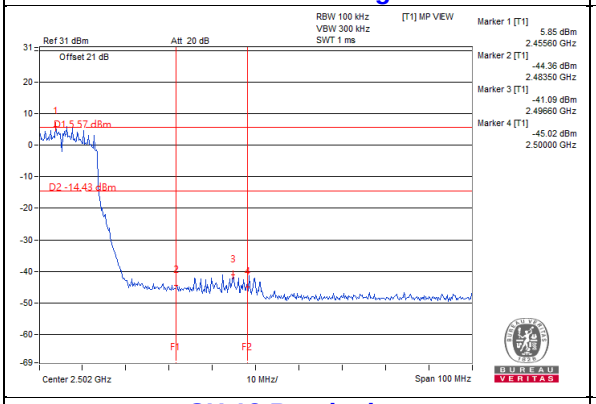
CH 1 Band edge



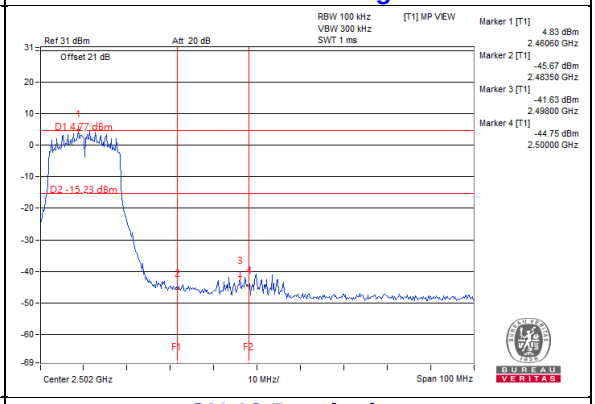
CH 2 Band edge



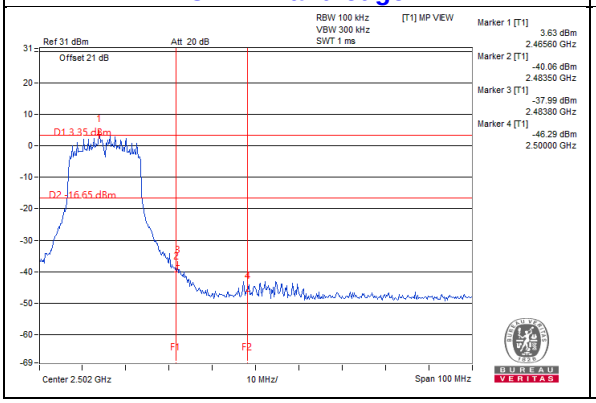
CH 10 Band edge



CH 11 Band edge



CH 12 Band edge



CH 13 Band edge