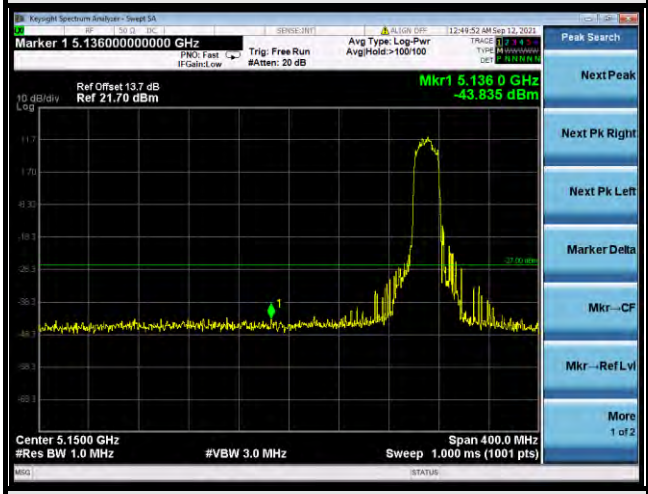
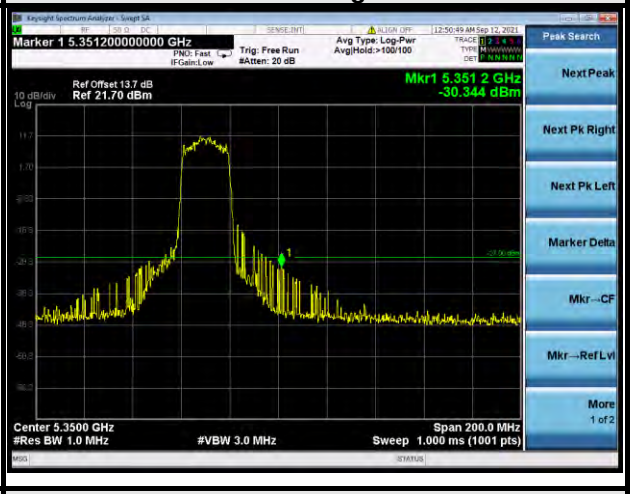
802.11ax20 Left Side	802.11ax20 Right Side
	
802.11ax40 Left Side	**802.11ax40 Right Side**
	

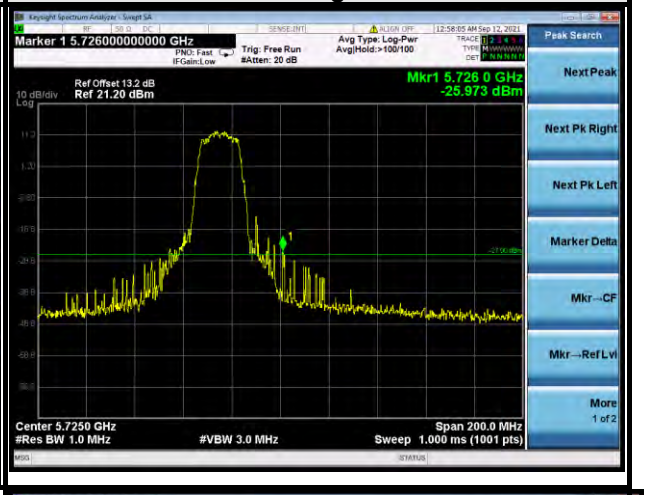
802.11ax80 Left Side	802.11ax80 Right Side
	

For U-NII-2C:

SPECTRUM PLOT OF BANDEDGE

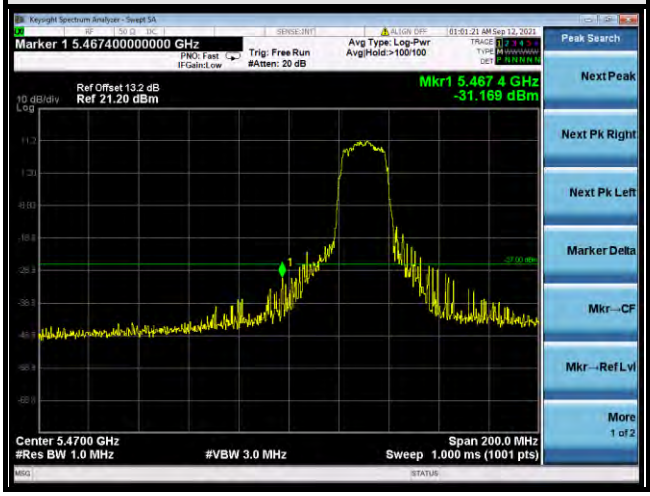
802.11a Left Side

802.11a Right Side

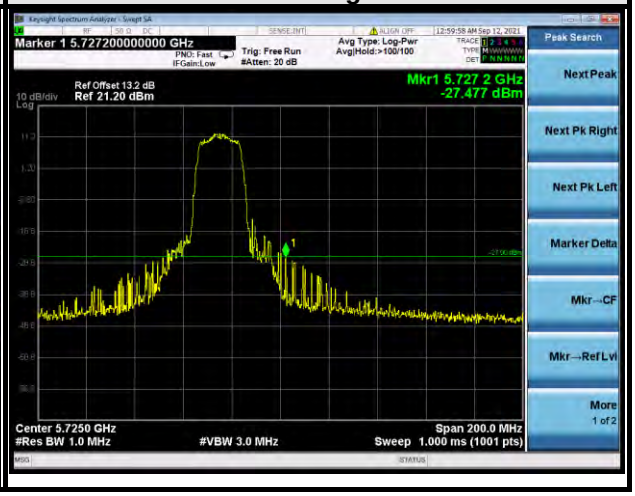


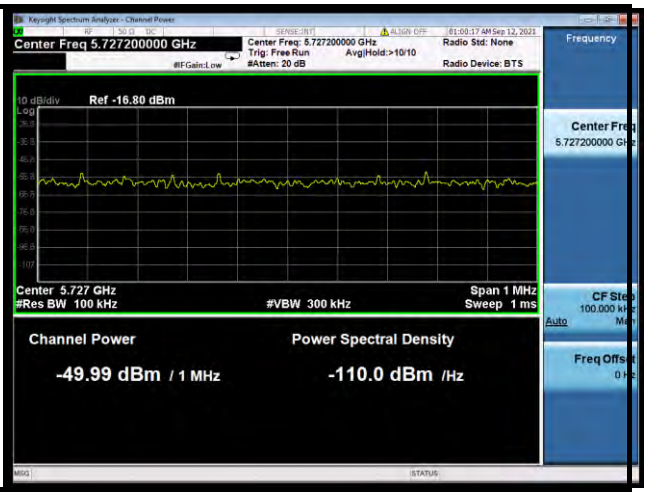
/

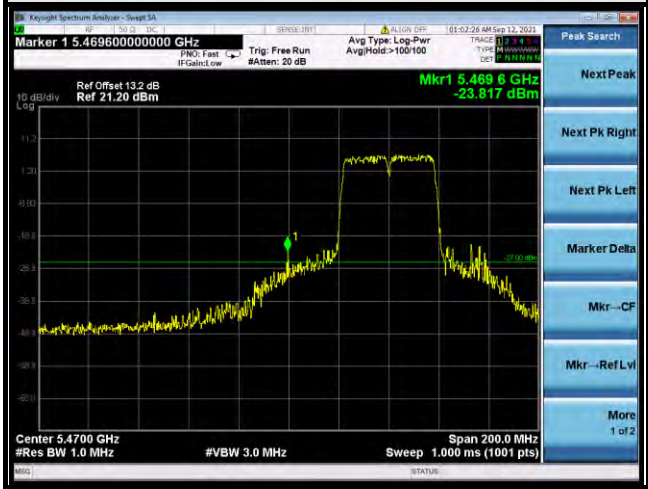
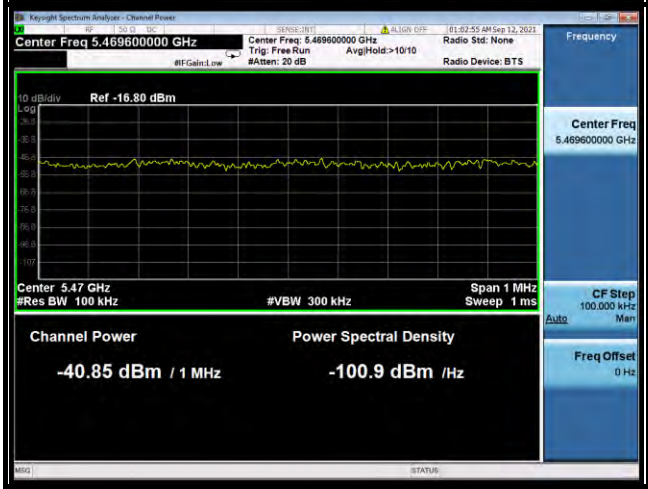
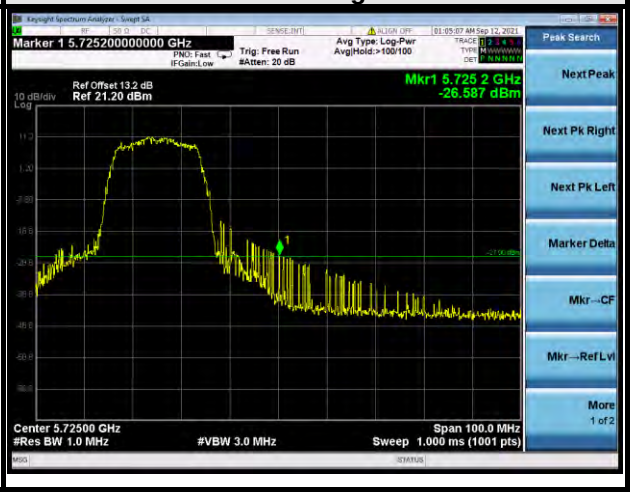
802.11n20 Left Side

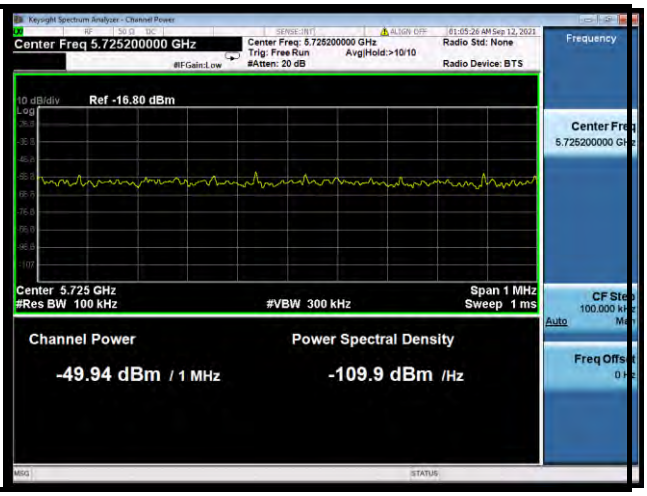


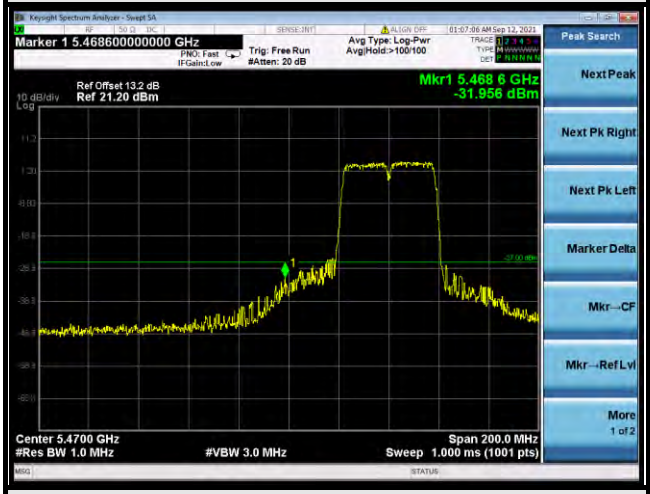
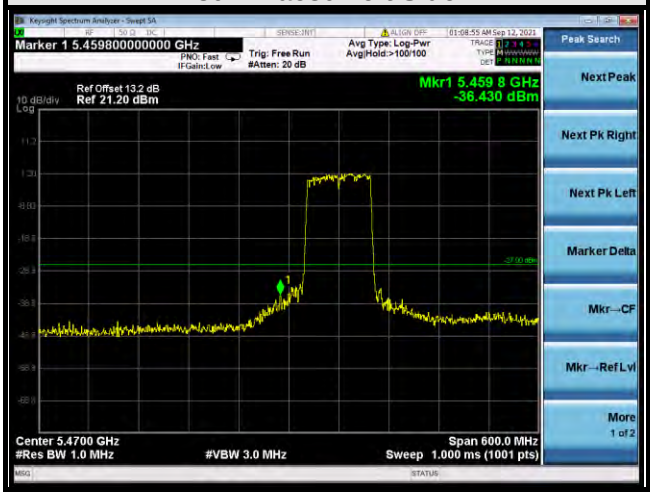
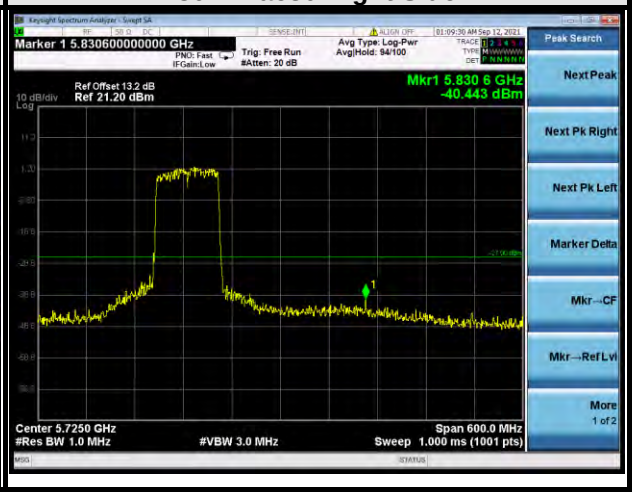
802.11n20 Right Side

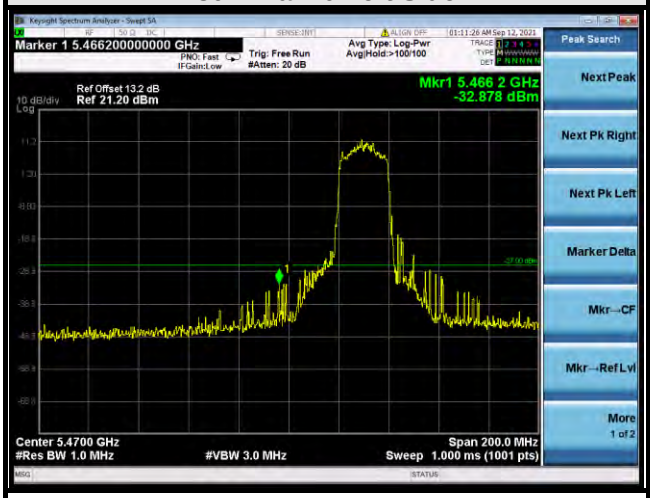
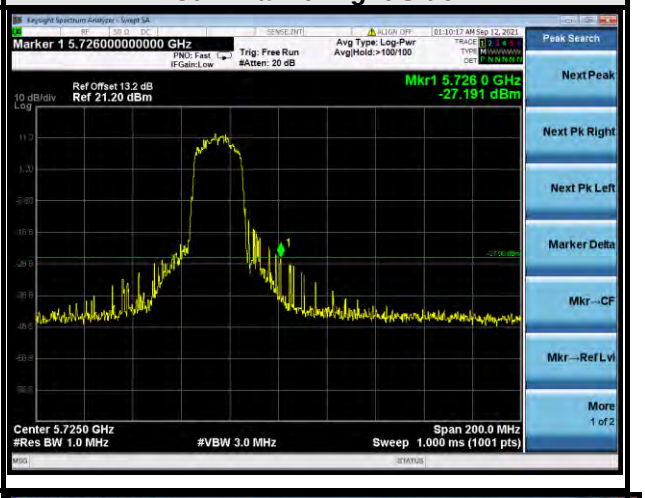
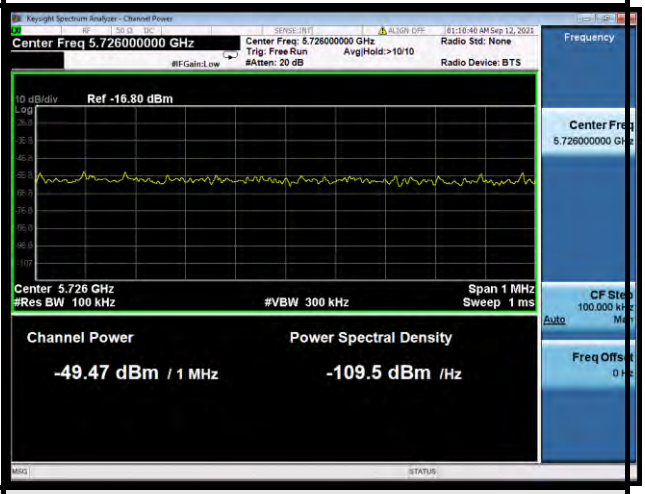


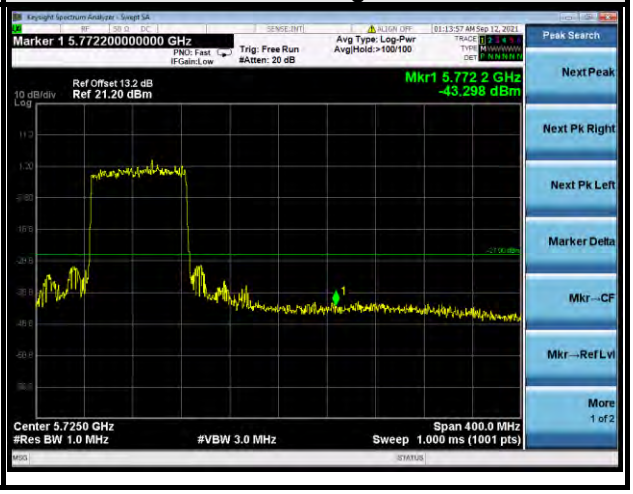
/	 Center Freq 5.727200000 GHz Center Freq: 5.727200000 GHz Trig: Free Run Avg|Hold:>10/10 #Atten: 20 dB Radio Std: None Radio Device: BTS Frequency 10 dB/div Ref -16.80 dBm Center 5.727 GHz #Res BW 100 kHz #VBW 300 kHz Span 1 MHz Sweep 1 ms Channel Power -49.99 dBm / 1 MHz Power Spectral Density -110.0 dBm /Hz

802.11n40 Left Side	802.11n40 Right Side
	
	/
802.11ac20 Left Side	**802.11ac20 Right Side**
	

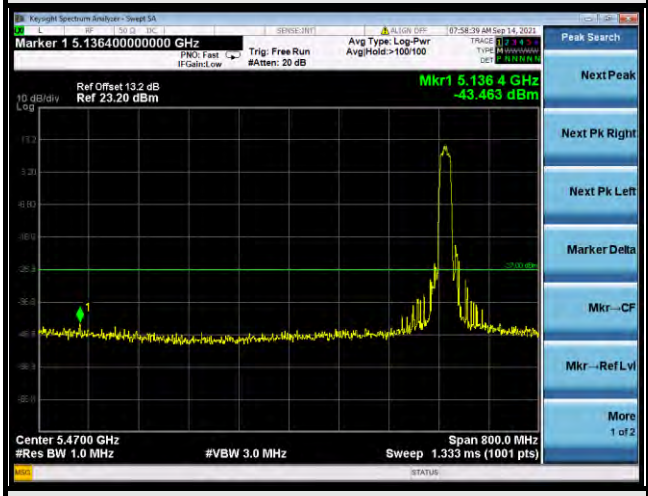
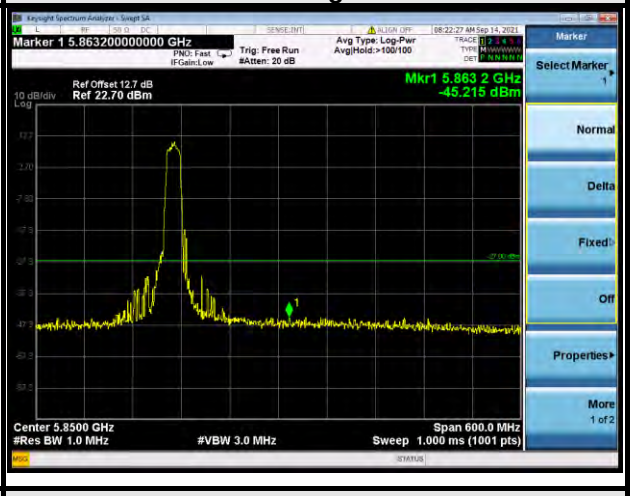
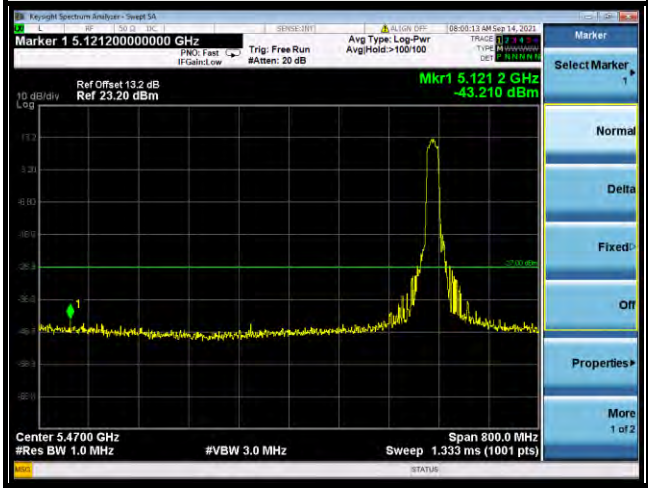
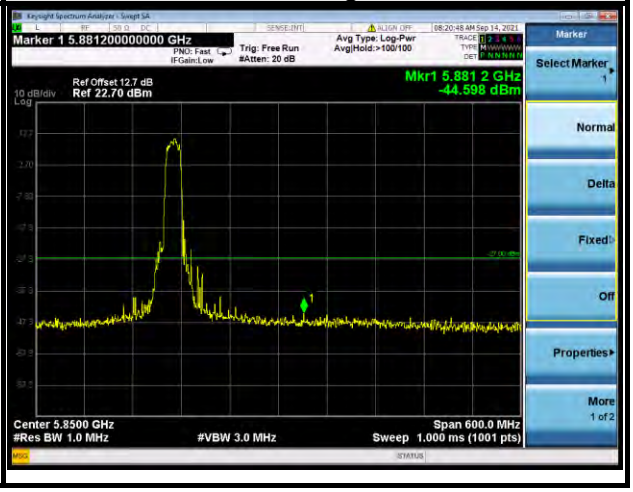
/	 Center Freq 5.725200000 GHz Center Freq: 5.725200000 GHz Trig: Free Run Avg|Hold:>10/10 #Atten: 20 dB Radio Std: None Radio Device: BTS Frequency 10 dB/div Ref -16.80 dBm Center 5.725 GHz #Res BW 100 kHz #VBW 300 kHz Span 1 MHz Sweep 1 ms Channel Power -49.94 dBm / 1 MHz Power Spectral Density -109.9 dBm /Hz

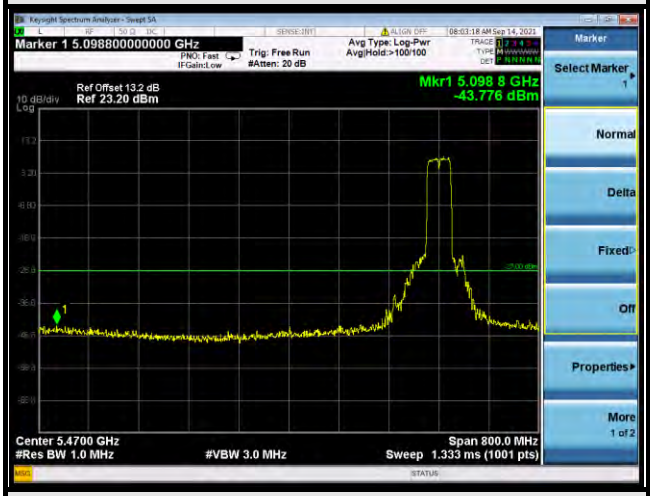
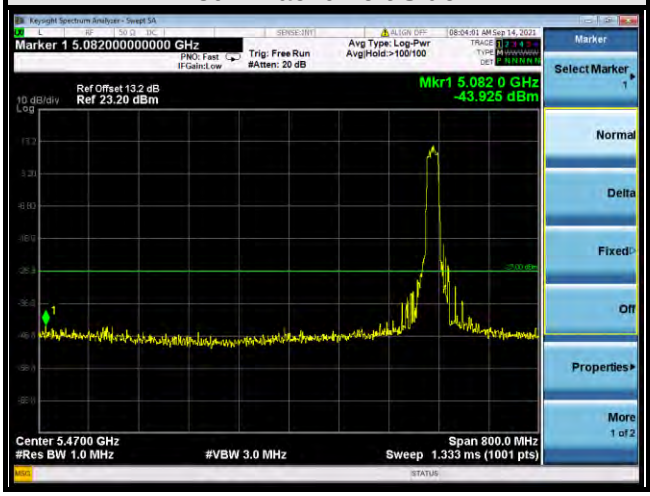
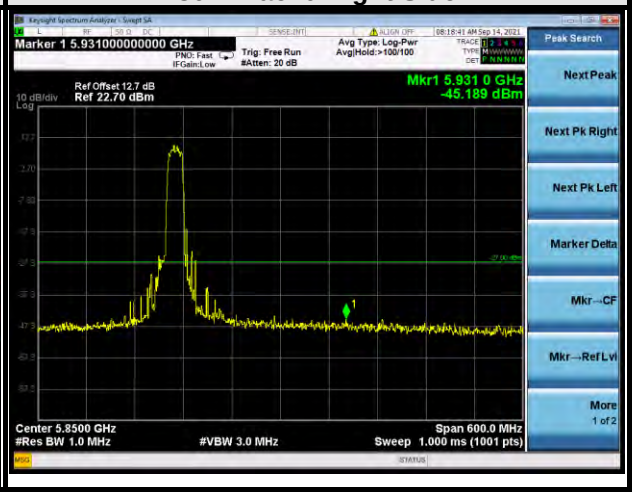
802.11ac40 Left Side	802.11ac40 Right Side
	
802.11ac80 Left Side	**802.11ac80 Right Side**
	

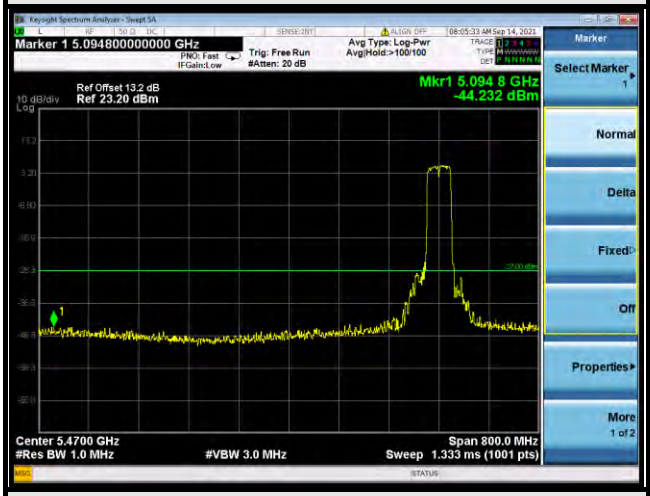
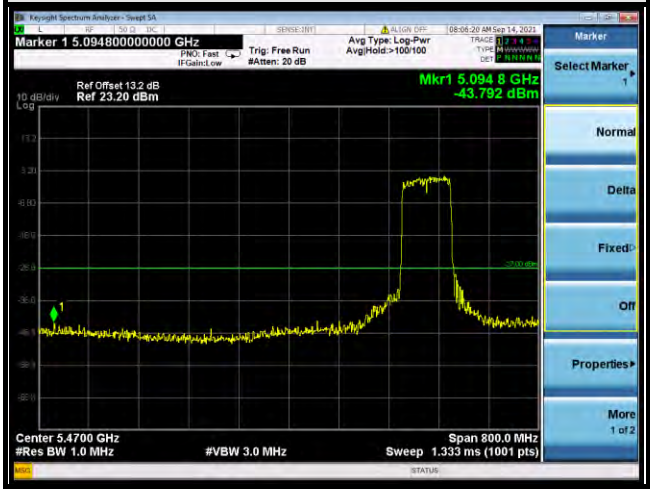
802.11ax20 Left Side	802.11ax20 Right Side
	
/	
802.11ax40 Left Side	**802.11ax40 Right Side**
	

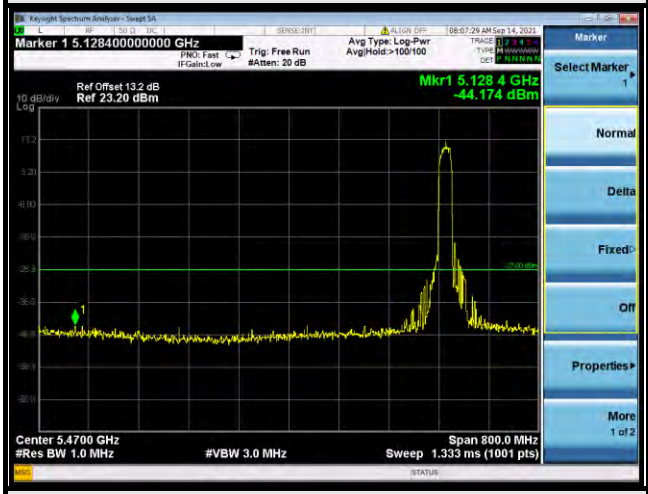
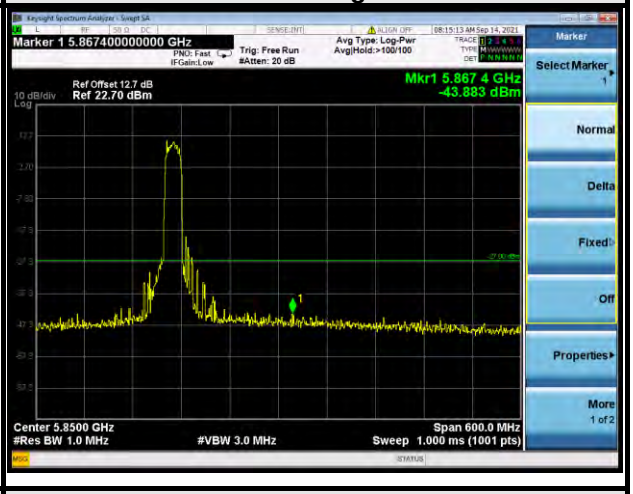
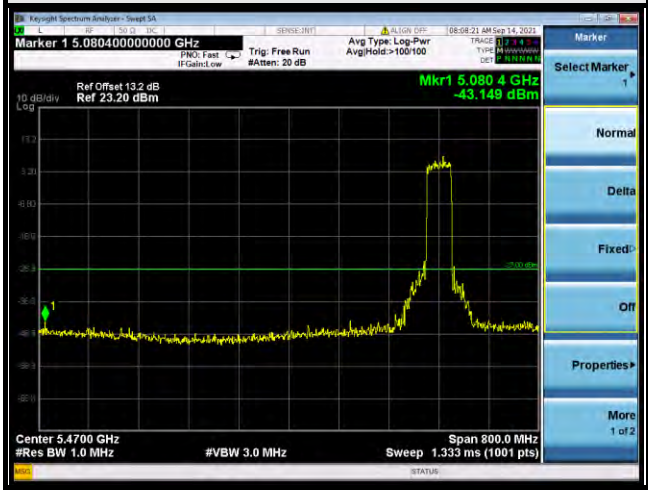
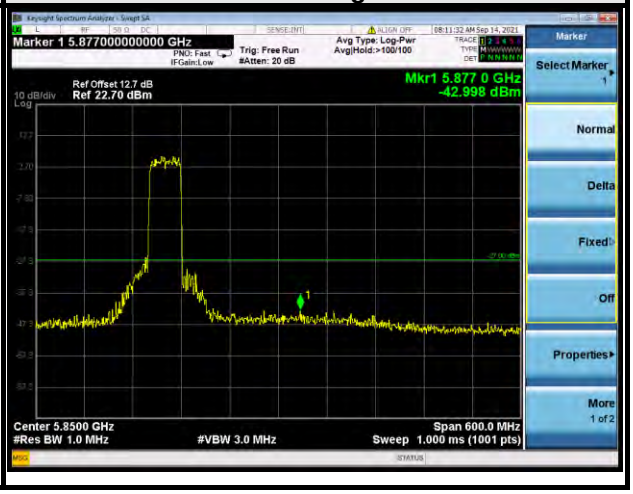
802.11ax80 Left Side	802.11ax80 Right Side
	

Cross band

SPECTRUM PLOT OF BANDEDGE	
802.11a Left Side	**802.11a Right Side**
	
802.11n20 Left Side	**802.11n20 Right Side**
	

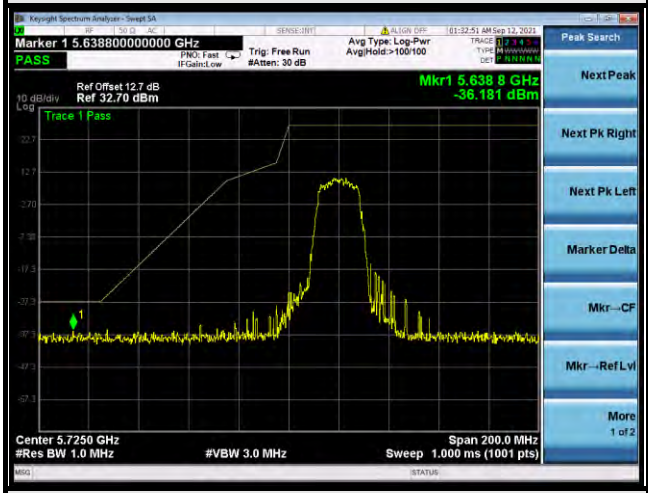
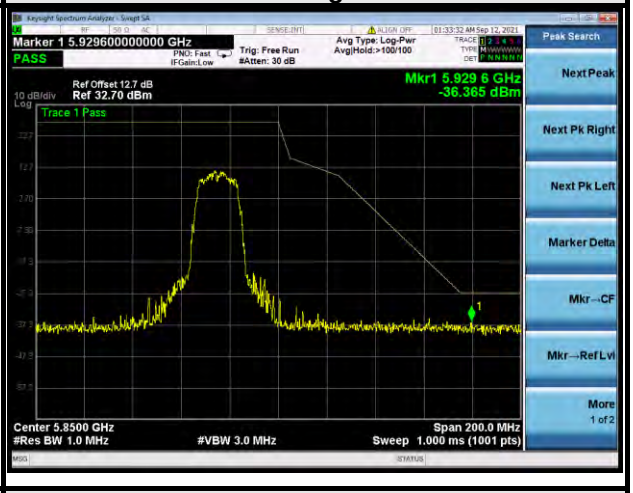
802.11n40 Left Side	802.11n40 Right Side
	
802.11ac20 Left Side	**802.11ac20 Right Side**
	

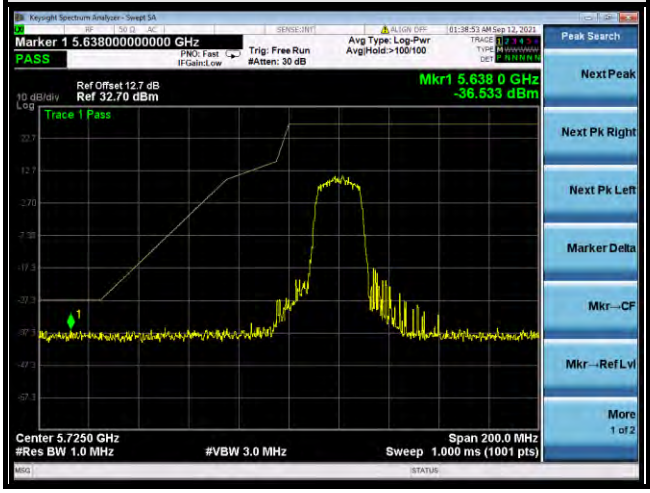
802.11ac40 Left Side	802.11ac40 Right Side
	
802.11ac80 Left Side	**802.11ac80 Right Side**
	

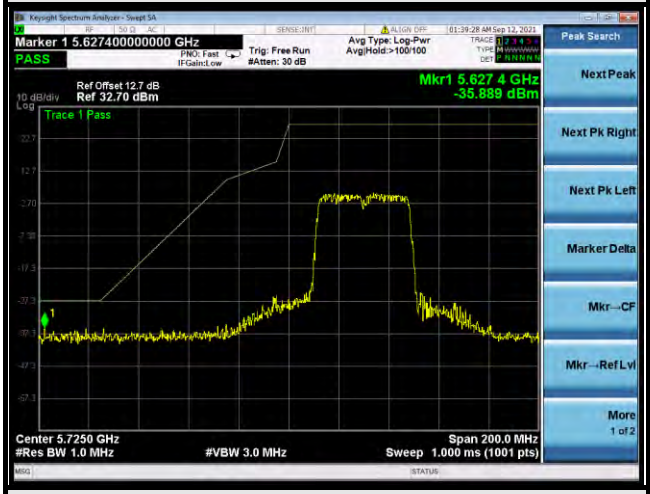
802.11ax20 Left Side	802.11ax20 Right Side
	
802.11ax40 Left Side	**802.11ax40 Right Side**
	

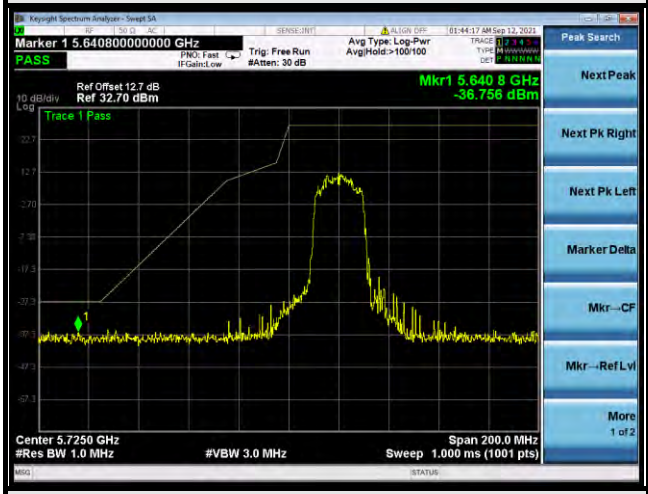
802.11ax80 Left Side	802.11ax80 Right Side
	

For U-NII-3:

SPECTRUM PLOT OF BANDEDGE	
802.11a Left Side	**802.11a Right Side**
	
802.11n20 Left Side	**802.11n20 Right Side**
	

802.11n40 Left Side	802.11n40 Right Side
	
802.11ac20 Left Side	**802.11ac20 Right Side**
	

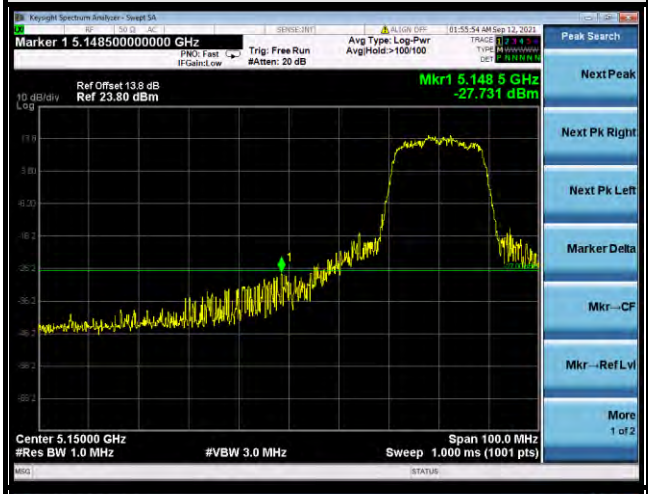
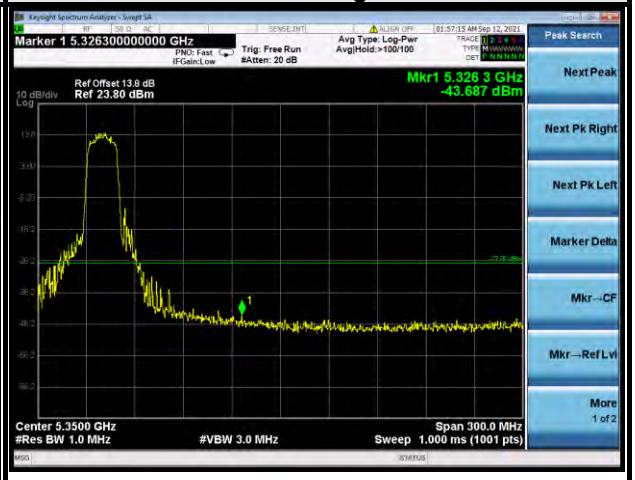
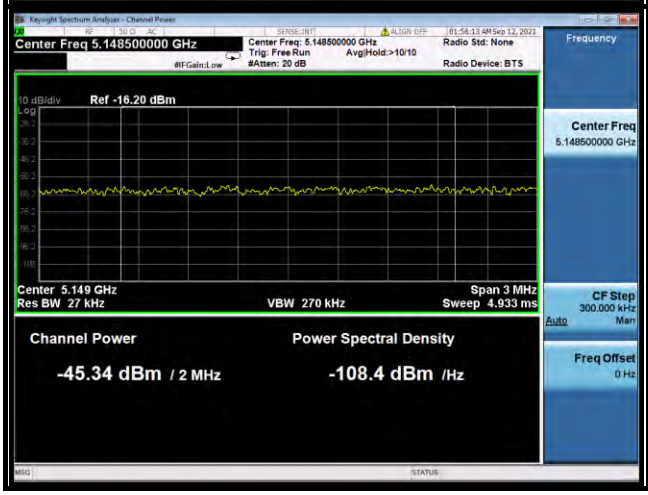
802.11ac40 Left Side	802.11ac40 Right Side
	
802.11ac80 Left Side	**802.11ac80 Right Side**
	

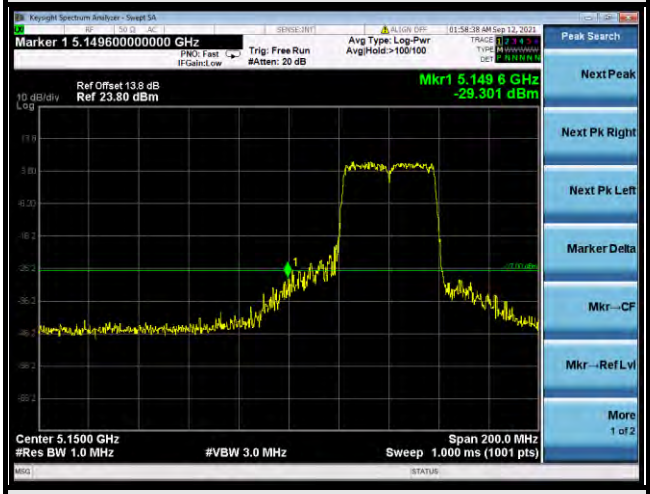
802.11ax20 Left Side	802.11ax20 Right Side
	
802.11ax40 Left Side	**802.11ax40 Right Side**
	

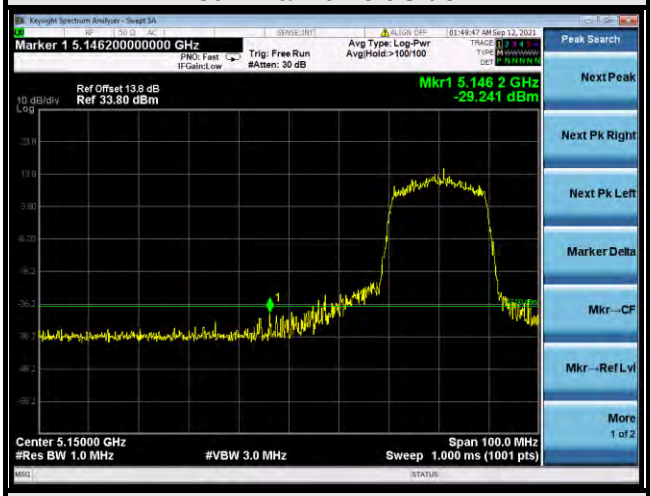
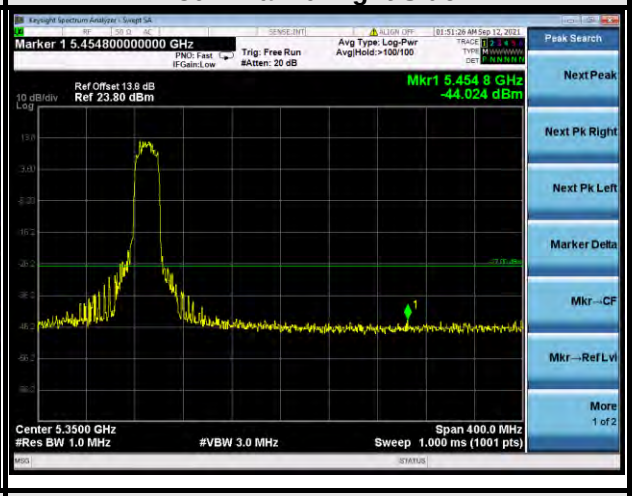
802.11ax80 Left Side	802.11ax80 Right Side
	

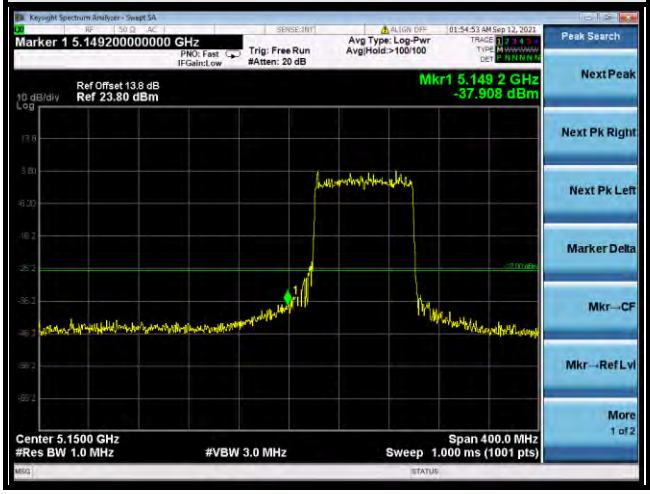
Ant0+1

For U-NII-1:

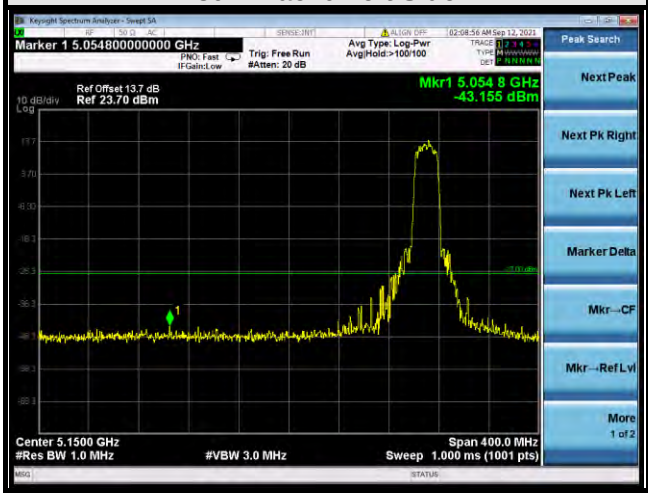
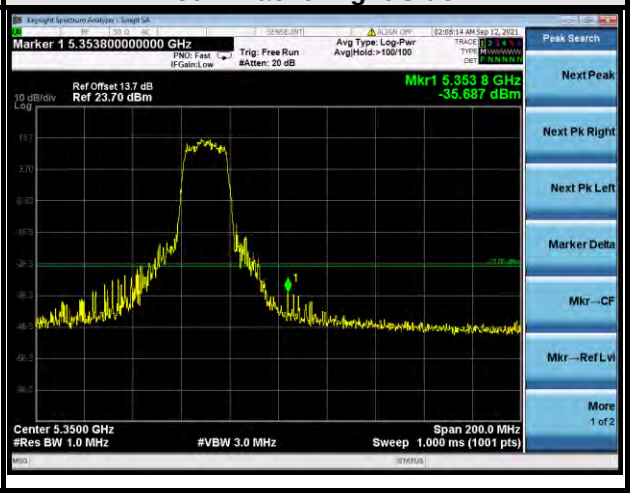
SPECTRUM PLOT OF BANDEDGE	
802.11ac20 Left Side	**802.11ac20 Right Side**
	
	/

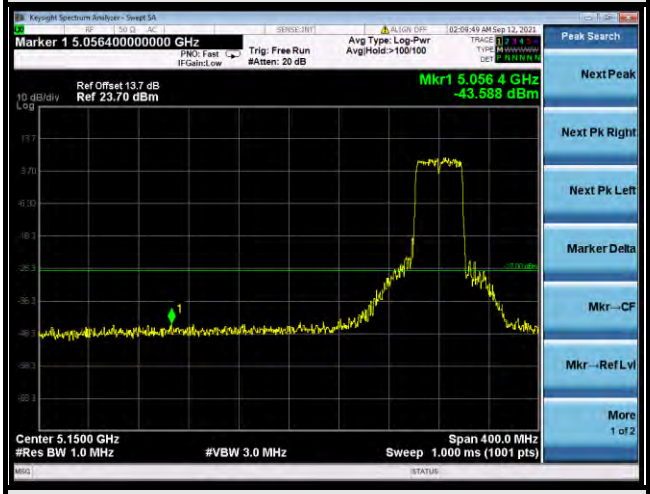
802.11ac40 Left Side	802.11ac40 Right Side
	
802.11ac80 Left Side	**802.11ac80 Right Side**
	

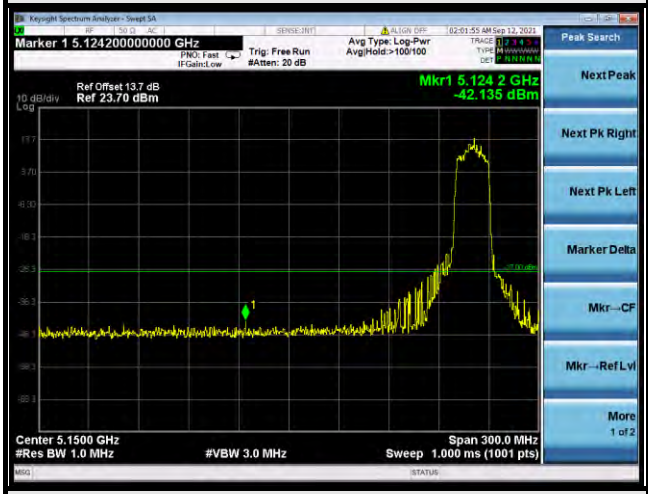
802.11ax20 Left Side	802.11ax20 Right Side
	
802.11ax40 Left Side	**802.11ax40 Right Side**
	

802.11ax80 Left Side	802.11ax80 Right Side
	

For U-NII-2A:

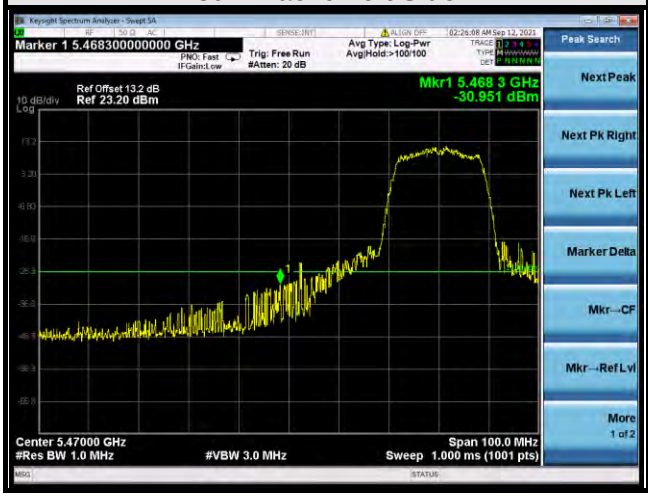
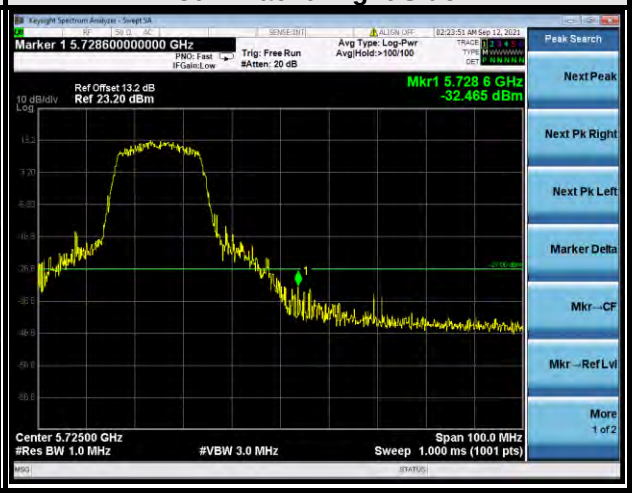
SPECTRUM PLOT OF BANDEDGE	
802.11ac20 Left Side	**802.11ac20 Right Side**
	

802.11ac40 Left Side	802.11ac40 Right Side
	
802.11ac80 Left Side	**802.11ac80 Right Side**
	

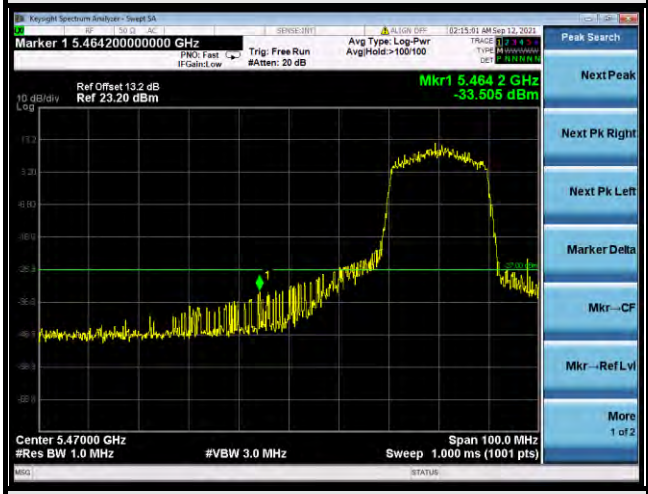
802.11ax20 Left Side	802.11ax20 Right Side
	
802.11ax40 Left Side	**802.11ax40 Right Side**
	

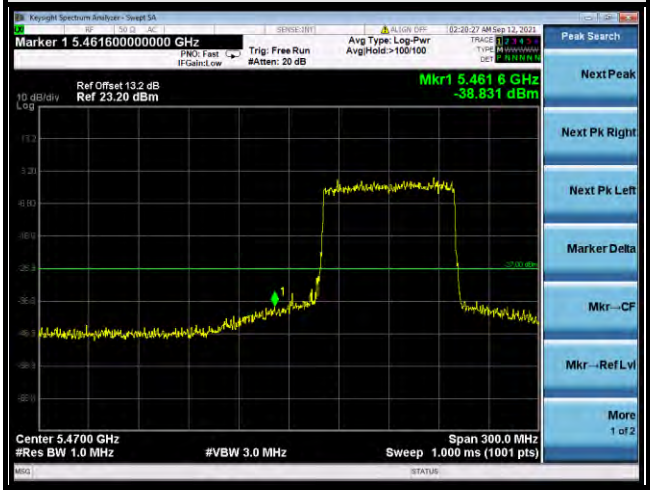
802.11ax80 Left Side	802.11ax80 Right Side
	

For U-NII-2C:

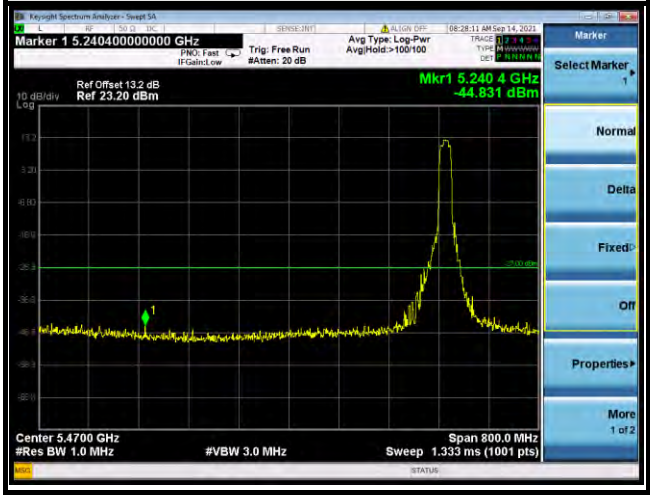
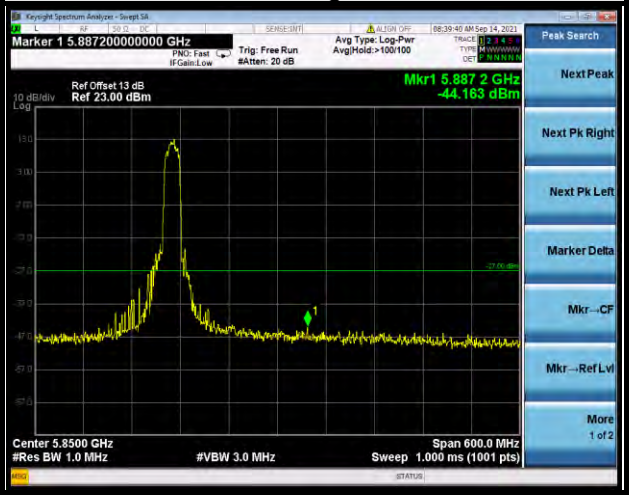
SPECTRUM PLOT OF BANDEDGE	
802.11ac20 Left Side	802.11ac20 Right Side
	

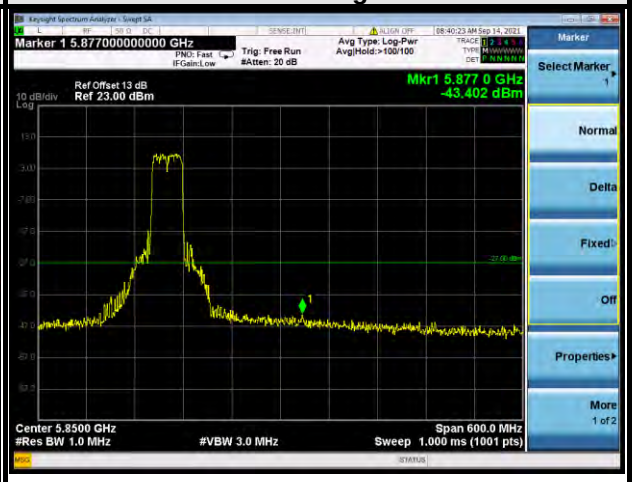
802.11ac40 Left Side	802.11ac40 Right Side
	
802.11ac80 Left Side	**802.11ac80 Right Side**
	

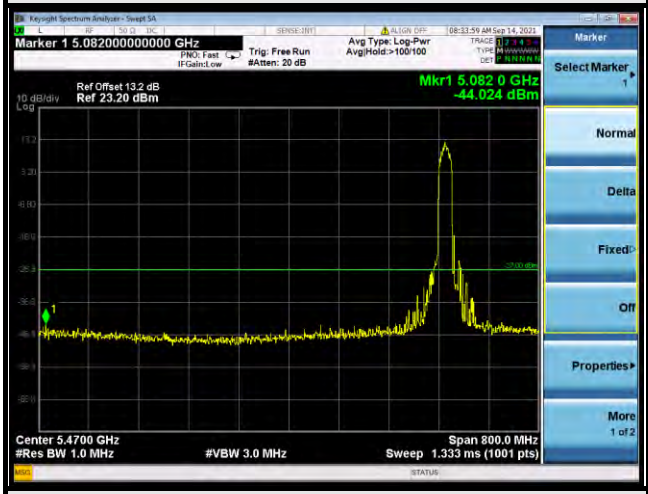
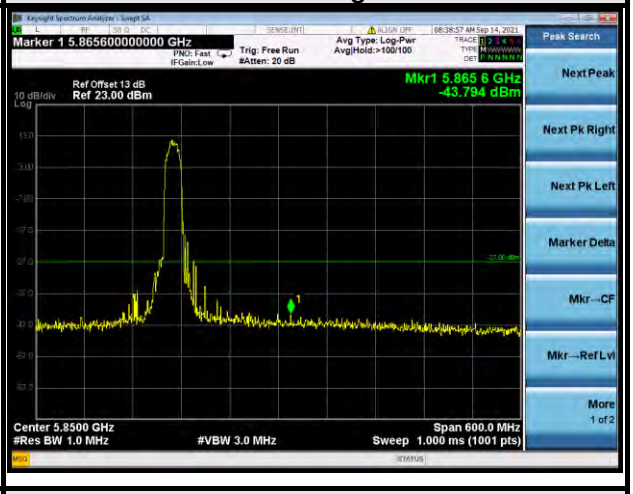
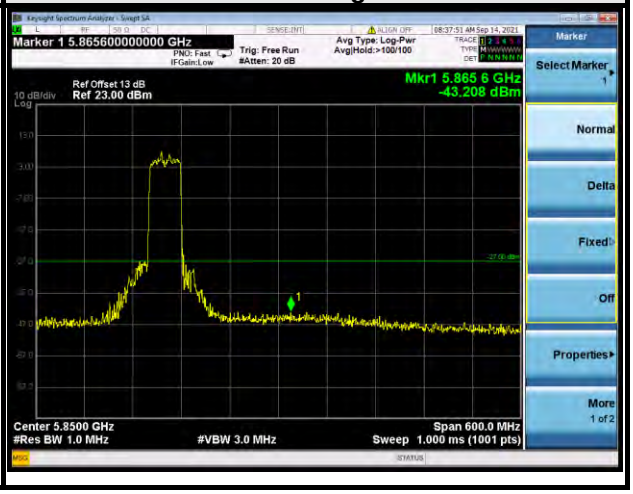
802.11ax20 Left Side	802.11ax20 Right Side
	
802.11ax40 Left Side	**802.11ax40 Right Side**
	

802.11ax80 Left Side	802.11ax80 Right Side
	

Cross band

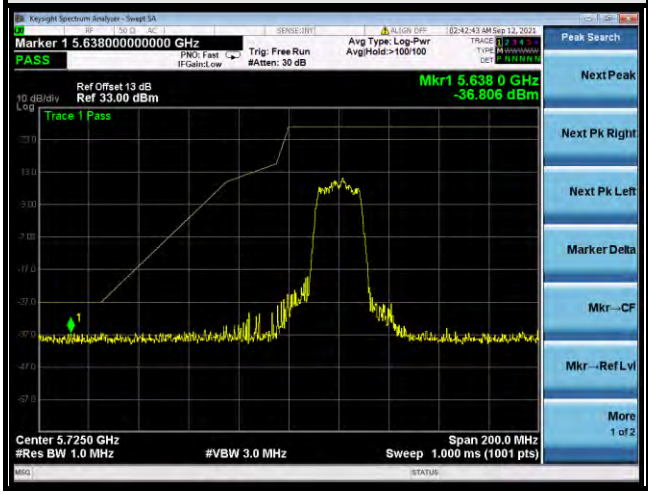
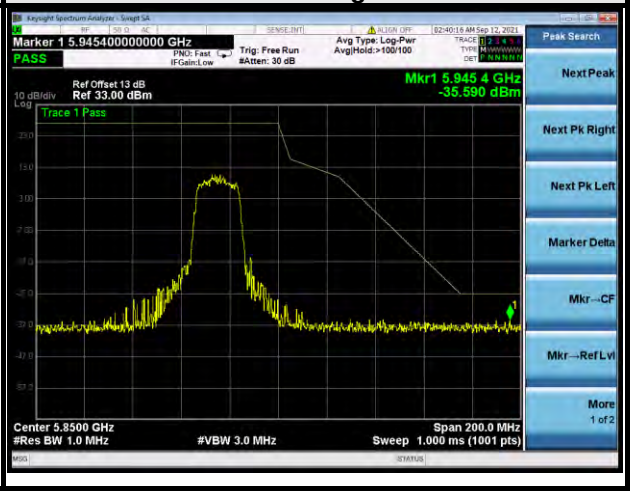
SPECTRUM PLOT OF BANDEDGE	
802.11a Left Side	802.11a Right Side
	

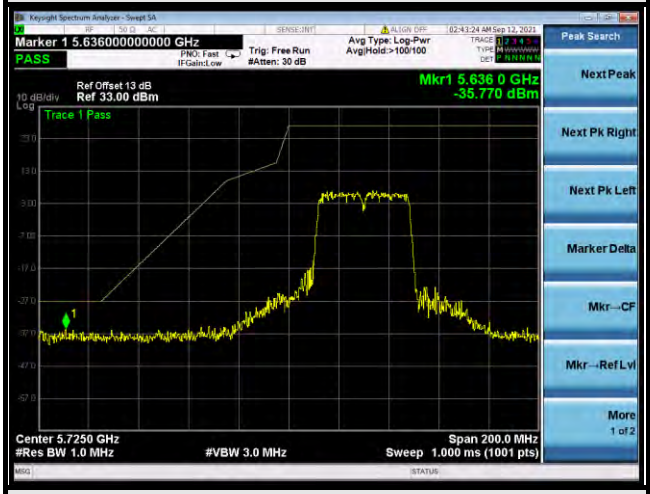
802.11ac40 Left Side	802.11ac40 Right Side
	
802.11ac80 Left Side	**802.11ac80 Right Side**
	

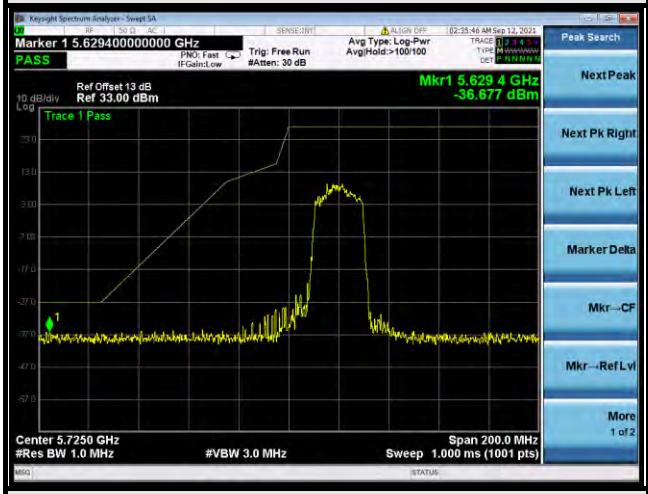
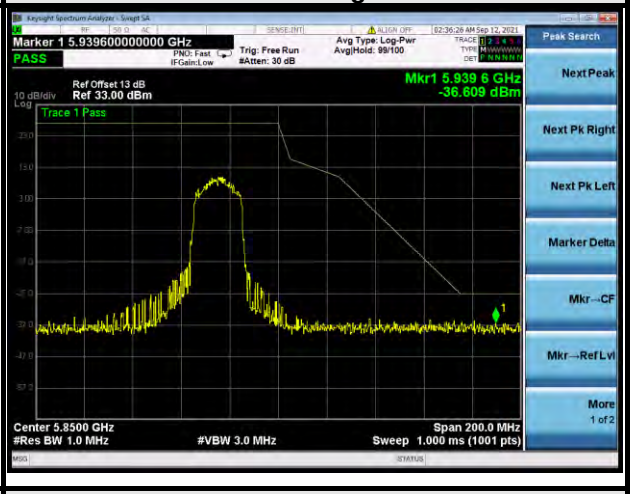
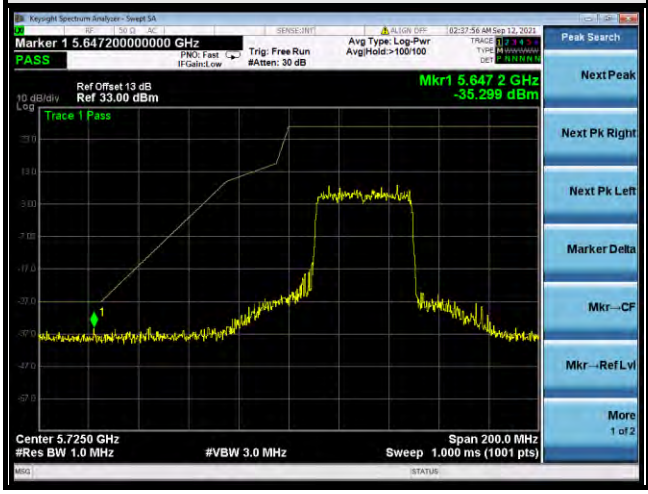
802.11ax20 Left Side	802.11ax20 Right Side
	
802.11ax40 Left Side	**802.11ax40 Right Side**
	

802.11ax80 Left Side	802.11ax80 Right Side
	

For U-NII-3:

SPECTRUM PLOT OF BANDEDGE	
802.11ac20 Left Side	**802.11ac20 Right Side**
	

802.11ac40 Left Side	802.11ac40 Right Side
	
802.11ac80 Left Side	**802.11ac80 Right Side**
	

802.11ax20 Left Side	802.11ax20 Right Side
	
802.11ax40 Left Side	**802.11ax40 Right Side**
	

802.11ax80 Left Side	802.11ax80 Right Side
	

3.3 CONDUCTED EMISSION MEASUREMENT

3.3.1 LIMITS OF CONDUCTED EMISSION MEASUREMENT

FREQUENCY OF EMISSION (MHz)	CONDUCTED LIMIT (dBμV)	
	Quasi-peak	Average
0.15 ~ 0.5	66 to 56	56 to 46
0.5 ~ 5	56	46
5 ~ 30	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.

3. All emanations from a class A/B digital device or system, including any network of conductors and apparatus connected thereto, shall not exceed the level of field strengths specified above.

3.3.2 TEST INSTRUMENTS

Equipment	Manufacturer	Model No.	Serial No.	Last Cal.	Next Cal.
EMI Test Receiver	Rohde&Schwarz	ESR3	101900	Mar. 03,21	Mar. 02,22
EMC32 test software	Rohde&Schwarz	EMC32	NA	NA	NA
LISN network	Rohde&Schwarz	ENV216	101922	Feb. 22,21	Feb. 21,22

NOTE:

1. The test was performed in CE shielded room.
2. The calibration interval of the above test instruments is 12 months. And the calibrations are traceable to CEPREI/CHINA, GRGT/CHINA and NIM/CHINA.

3.3.3 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.

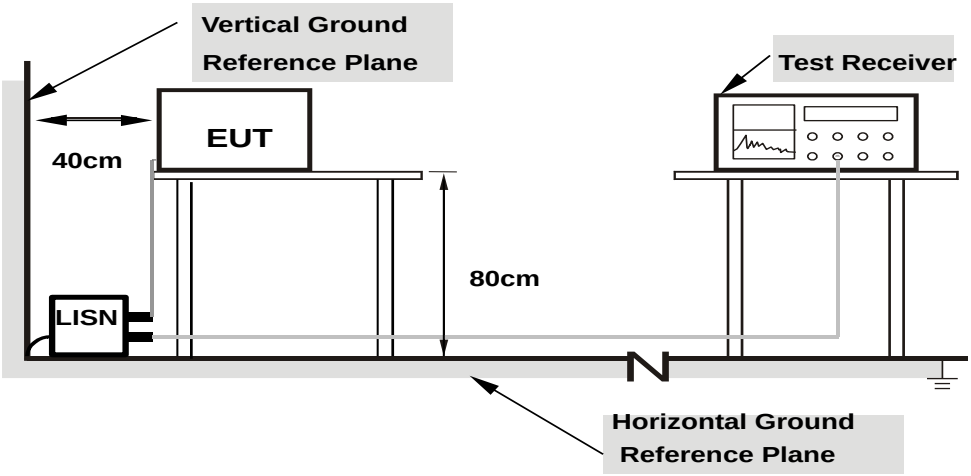
c. The frequency range from 150kHz to 30MHz was searched. Emission levels under (Limit - 20dB) was not recorded.

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

3.3.4 DEVIATION FROM TEST STANDARD

No deviation.

3.3.5 TEST SETUP



Note: 1.Support units were connected to second LISN.
2.Both of LISNs (AMN) are 80 cm from EUT and at least 80 from other units and other metal planes

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

3.3.6 EUT OPERATING CONDITIONS

Same as 3.1.6.

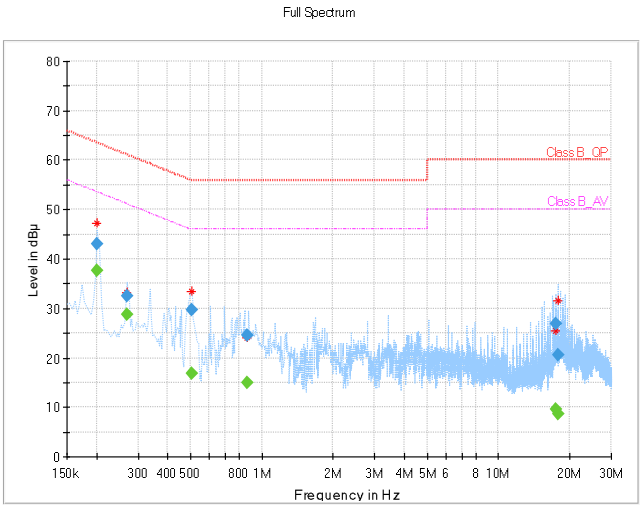
3.3.7 TEST RESULTS

CONDUCTED WORST-CASE DATA:

Frequency Range	150KHz ~ 30MHz	**Detector Function & Resolution Bandwidth**	Quasi-Peak (QP) / Average (AV), 9 kHz
Input Power	120Vac, 60Hz	**Environmental Conditions**	24deg. C, 55%RH
Tested By	Carl Xie		

Frequency (MHz)	QuasiPeak (dBuV)	CAverage (dBuV)	Limit (dBuV)	Margin (dB)	Line	Filter	Corr. (dB)
0.202000	---	37.72	53.53	15.81	L1	ON	10.0
0.202000	43.00	---	63.53	20.52	L1	ON	10.0
0.268000	---	28.70	51.18	22.48	L1	ON	10.0
0.268000	32.48	---	61.18	28.70	L1	ON	10.0
0.508000	---	16.94	46.00	29.06	L1	ON	10.0
0.508000	29.62	---	56.00	26.38	L1	ON	10.0
0.872000	---	15.04	46.00	30.96	L1	ON	10.0
0.872000	24.67	---	56.00	31.33	L1	ON	10.0
17.540000	---	9.61	50.00	40.39	L1	ON	10.0
17.540000	26.85	---	60.00	33.15	L1	ON	10.0
17.932000	---	8.56	50.00	41.44	L1	ON	10.0
17.932000	20.56	---	60.00	39.44	L1	ON	10.0

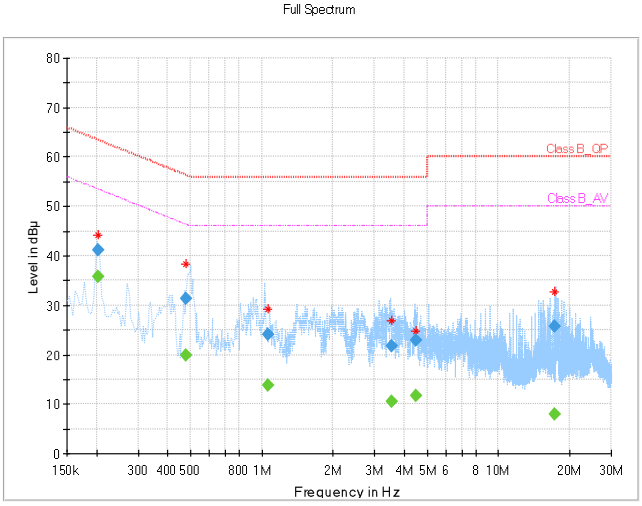
REMARKS: 1. Q.P. and AV. are abbreviations of quasi-peak and average individually.
2. "-": The Quasi-peak reading value also meets average limit and measurement with the average detector is unnecessary.
3. The emission levels of other frequencies were very low against the limit.
4. Margin value = Limit value - Emission level
5. Correction factor = Insertion loss + Cable loss
6. Emission Level = Correction Factor + Reading Value.



Frequency Range	150KHz ~ 30MHz	Detector Function & Resolution Bandwidth	Quasi-Peak (QP) / Average (AV), 9 kHz
Input Power	120Vac, 60Hz	Environmental Conditions	24deg. C, 55%RH
Tested By	Carl Xie		

Frequency (MHz)	QuasiPeak (dBuV)	CAverage (dBuV)	Limit (dBuV)	Margin (dB)	Line	Filter	Corr. (dB)
0.204000	---	35.87	53.45	17.57	N	ON	10.0
0.204000	41.21	---	63.45	22.23	N	ON	10.0
0.480000	---	19.77	46.34	26.57	N	ON	10.0
0.480000	31.33	---	56.34	25.01	N	ON	10.0
1.062000	---	13.73	46.00	32.27	N	ON	10.0
1.062000	24.12	---	56.00	31.88	N	ON	10.0
3.532000	---	10.52	46.00	35.48	N	ON	10.0
3.532000	21.65	---	56.00	34.35	N	ON	10.0
4.460000	---	11.73	46.00	34.27	N	ON	10.0
4.460000	22.90	---	56.00	33.10	N	ON	10.0
17.332000	---	7.90	50.00	42.10	N	ON	10.0
17.332000	25.71	---	60.00	34.29	N	ON	10.0

REMARKS: 1. Q.P. and AV. are abbreviations of quasi-peak and average individually.
2. "-": The Quasi-peak reading value also meets average limit and measurement with the average detector is unnecessary.
3. The emission levels of other frequencies were very low against the limit.
4. Margin value = Limit value - Emission level
5. Correction factor = Insertion loss + Cable loss
6. Emission Level = Correction Factor + Reading Value.



3.4 MAXIMUM CONDUCTED OUTPUT POWER MEASUREMENT

3.4.1 LIMITS OF MAXIMUM CONDUCTED OUTPUT POWER MEASUREMENT

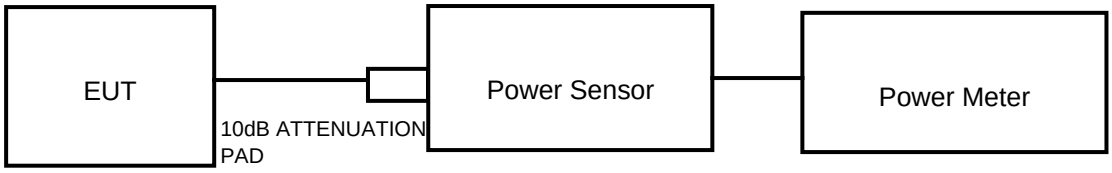
Operation Band	EUT Category		LIMIT
U-NII-1		Outdoor Access Point	1 Watt (30 dBm) (Max. e.i.r.p ≦ 125mW(21 dBm) at any elevation angle above 30 degrees as measured from the horizon)
		Fixed point-to-point Access Point	1 Watt (30 dBm)
	B	Indoor Access Point	1 Watt (30 dBm)
	√	Client devices	250mW (24 dBm)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

NOTE: Where B is the 26dB emission bandwidth in MHz.

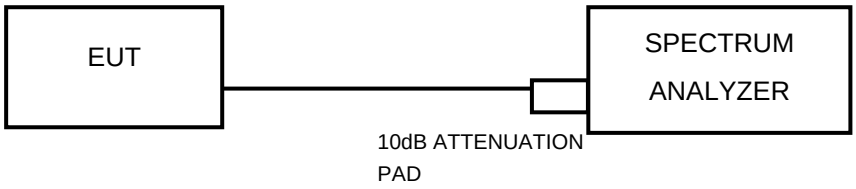
3.4.2 TEST SETUP

FOR POWER OUTPUT MEASUREMENT

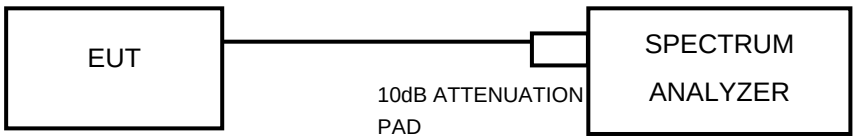
802.11a, 802.11n/ac/ax (20MHz), 802.11 n/ac/ax (40MHz) TEST CONFIGURATION



11ac TEST CONFIGURATION



FOR 26dB BANDWIDTH



3.4.3 TEST INSTRUMENTS

Equipment	Manufacturer	Model No.	Serial No.	Last Cal.	Next Cal.
Power Meter	ANRITSU	ML2495A	1506002	Feb. 22,21	Feb. 21,22
EXA Signal Analyzer	KEYSIGHT	N9010A-526	MY54510322	Feb. 25,21	Feb. 24,22
EXA Signal Analyzer	KEYSIGHT	N9010A-544	MY54510355	Jun. 03,21	Jun. 02,22
Power Sensor	ANRITSU	MA2411B	1339352	May. 07,21	May. 08,22

NOTE:

1. The calibration interval of the above test instruments is 12 months and the calibrations are traceable to CEPREI/CHINA, GRGT/CHINA and NIM/CHINA.
2. The test was performed in RF Oven room.

3.4.4 TEST PROCEDURE

FOR POWER MEASUREMENT

For 802.11a, 802.11 n/ac/ax (20MHz), 802.11 n/ac/ax (40MHz)

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

For 802.11ac/ax (80MHz)

1. Measure the duty cycle, x, of the transmitter output signal as described in II.B.
2. Set span to encompass the EBW (or, alternatively, the entire 99% occupied bandwidth) of the signal.
3. Set RBW = 1 MHz.
4. Set VBW ≥ 3 MHz.
5. Number of points in sweep ≥ 2 × span / RBW. (This ensures that bin-to-bin spacing is ≤ RBW/2, so that narrowband signals are not lost between frequency bins.)
6. Sweep time = auto.
7. Detector = power averaging (rms), if available. Otherwise, use sample detector mode.
8. Do not use sweep triggering. Allow the sweep to “free run.”
9. Trace average at least 100 traces in power averaging (rms) mode; however, the number of traces to be averaged shall be increased above 100 as needed to ensure that the average accurately represents the true average over the on and off periods of the transmitter.
10. Add 10 log (1/x), where x is the duty cycle, to the measured power to compute the average power during the actual transmission times (because the measurement represents an average over both the on and off times of the transmission). For example, add 10 log (1/0.25) = 6 dB if the duty cycle is 25%.

FOR 99 PERCENT OCCUPIED BANDWIDTH

The following procedure shall be used for measuring (99 %) power bandwidth:

1. Set center frequency to the nominal EUT channel center frequency.
2. Set span = 1.5 times to 5.0 times the OBW.
3. Set RBW = 1 % to 5 % of the OBW
4. Set VBW ≥ 3 · RBW
5. Video averaging is not permitted. Where practical, a sample detection and single sweep mode shall be used. Otherwise, peak detection and max hold mode (until the trace stabilizes) shall be used.
6. Use the 99 % power bandwidth function of the instrument (if available).
7. If the instrument does not have a 99 % power bandwidth function, the trace data points are recovered and directly summed in power units. The recovered amplitude data points, beginning at the lowest frequency, are placed in a running sum until 0.5 % of the total is reached; that frequency is recorded as the lower frequency. The process is repeated until 99.5 % of the total is reached; that frequency is recorded as the upper frequency. The 99% occupied bandwidth is the difference between these two frequencies.

FOR 26dB BANDWIDTH

1) Set RBW = approximately 1% of the emission bandwidth.
2) Set the VBW > RBW.
3) Detector = Peak.
4) Trace mode = max hold.
5) Measure the maximum width of the emission that is 26 dB down from the peak of the emission. Compare this with the RBW setting of the analyzer. Readjust RBW and repeat measurement as needed until the RBW/EBW ratio is approximately 1%.

FOR 6dB BANDWIDTH

1. Set RBW = 100 kHz.
2. Set the video bandwidth (VBW) ≥ 3 RBW.
3. Detector = Peak.
4. Trace mode = max hold.
5. Sweep = auto couple.
6. Allow the trace to stabilize.
7. Measure the maximum width of the emission that is constrained by the frequencies associated with the two outermost amplitude points (upper and lower frequencies) that are attenuated by 6 dB relative to the maximum level measured in the fundamental emission.

3.4.5 DEVIATION FROM TEST STANDARD

No deviation.

3.4.6 EUT OPERATING CONDITIONS

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

3.4.7 TEST RESULTS

Please Refer to Appendix B of this test report.

3.5 MAXIMUM POWER SPECTRAL DENSITY MEASUREMENT

3.5.1 LIMITS OF MAXIMUM POWER SPECTRAL DENSITY MEASUREMENT

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

3.5.2 TEST SETUP

3.5.3 TEST INSTRUMENTS

Refer to section 3.3.3 to get information of above instrument.

3.5.4 TEST PROCEDURES

Using method SA-2

1) Set span to encompass the entire emission bandwidth (EBW) of the signal.
2) Set RBW = 1 MHz, Set VBW ≥ 3 MHz, Detector = RMS
3) Set Channel power measure = 1MHz
4) Sweep time = auto, trigger set to “free run”.
5) Trace average at least 100 traces in power averaging mode.
6) Add 10 log (1/x), where x is the duty cycle, to the measured power in order to compute the average power during the actual transmission times (because the measurement represents an average over both the on and off times of the transmission).
7) Record the max value

3.5.5 DEVIATION FROM TEST STANDARD

No deviation.

3.5.6 EUT OPERATING CONDITIONS

Same as 3.1.6.

3.5.7 TEST RESULTS

Please Refer to Appendix B of this test report.

4 PHOTOGRAPHS OF THE TEST CONFIGURATION

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

5 APPENDIX A – MODIFICATIONS RECORDERS FOR ENGINEERING CHANGES TO THE EUT BY THE LAB

No modifications were made to the EUT by the lab during the test.

6 APPENDIX B

Duty Cycle

Ant1

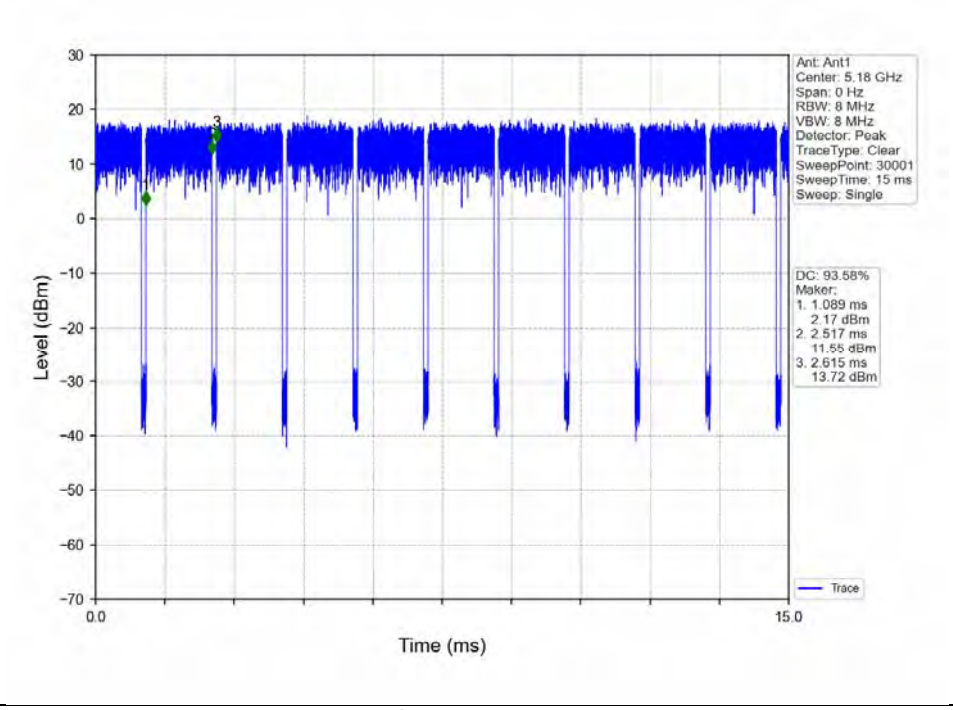
Test Result

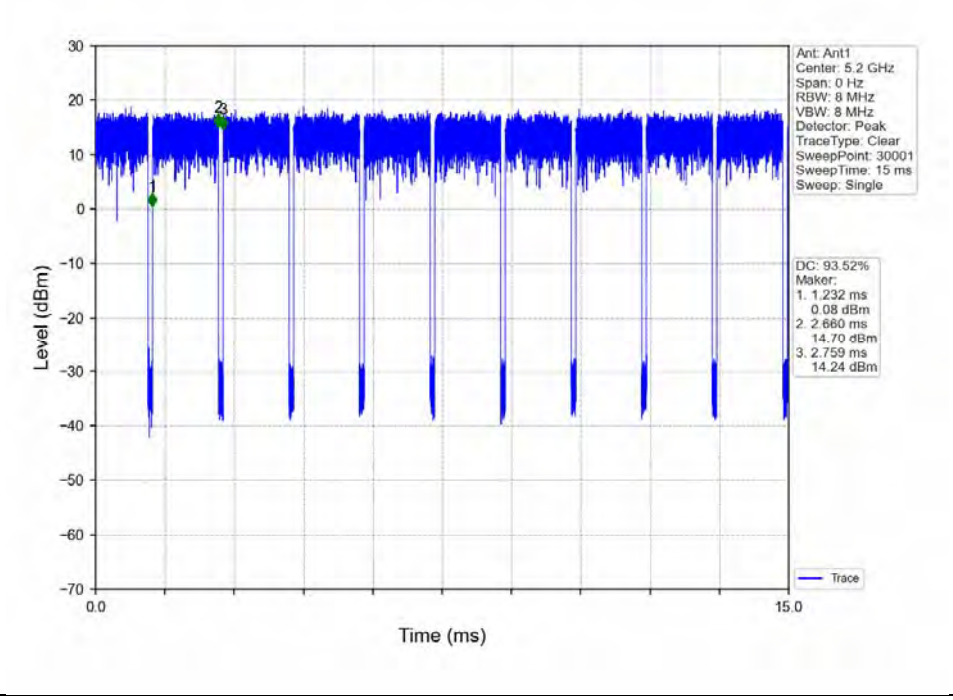
Ant1									
Mode	TX Type	Frequency (MHz)	RU	RU Pos	T_on (ms)	Period (ms)	Duty Cycle (%)	Duty Cycle Correction Factor (dB)	Max. DC Variation (%)
802.11a	SISO	5180	/	/	1.428	1.526	93.58	0.29	0.03
		5200	/	/	1.428	1.527	93.52	0.29	0.03
		5240	/	/	1.428	1.527	93.52	0.29	0.03
		5260	/	/	1.428	1.527	93.52	0.29	0.00
		5300	/	/	1.427	1.526	93.51	0.29	0.03
		5320	/	/	1.428	1.526	93.58	0.29	0.00
		5500	/	/	1.427	1.527	93.45	0.29	0.03
		5580	/	/	1.428	1.527	93.52	0.29	0.03
		5700	/	/	1.427	1.526	93.51	0.29	0.03
		5745	/	/	1.429	1.528	93.52	0.29	0.03
		5785	/	/	1.428	1.527	93.52	0.29	0.03
		5825	/	/	1.427	1.526	93.51	0.29	0.00
802.11n (HT20)	SISO	5180	/	/	1.336	1.435	93.10	0.31	0.03
		5200	/	/	1.335	1.434	93.10	0.31	0.00
		5240	/	/	1.336	1.435	93.10	0.31	0.03
		5260	/	/	1.337	1.435	93.17	0.31	0.03
		5300	/	/	1.336	1.435	93.10	0.31	0.03
		5320	/	/	1.336	1.435	93.10	0.31	0.03
		5500	/	/	1.336	1.435	93.10	0.31	0.03
		5580	/	/	1.336	1.435	93.10	0.31	0.03
		5700	/	/	1.335	1.434	93.10	0.31	0.03
		5745	/	/	1.336	1.435	93.10	0.31	0.03
		5785	/	/	1.337	1.436	93.11	0.31	0.03
		5825	/	/	1.336	1.435	93.10	0.31	0.03
802.11n (HT40)	SISO	5190	/	/	0.664	0.703	94.45	0.25	0.03
		5230	/	/	0.664	0.703	94.45	0.25	0.03
		5270	/	/	0.664	0.703	94.45	0.25	0.06
		5310	/	/	0.664	0.703	94.45	0.25	0.06
		5510	/	/	0.664	0.703	94.45	0.25	0.04
		5550	/	/	0.664	0.703	94.45	0.25	0.06
		5670	/	/	0.665	0.704	94.46	0.25	0.10
		5755	/	/	0.664	0.703	94.45	0.25	0.03
		5795	/	/	0.662	0.703	94.17	0.26	0.06
802.11ac (VHT20)	SISO	5180	/	/	1.344	1.443	93.14	0.31	0.00
		5200	/	/	1.344	1.443	93.14	0.31	0.03
		5240	/	/	1.344	1.443	93.14	0.31	0.03
		5260	/	/	1.344	1.443	93.14	0.31	0.03
		5300	/	/	1.343	1.442	93.13	0.31	0.07
		5320	/	/	1.344	1.443	93.14	0.31	0.03
		5500	/	/	1.345	1.443	93.21	0.31	0.03
		5580	/	/	1.343	1.442	93.13	0.31	0.00
		5700	/	/	1.344	1.443	93.14	0.31	0.03
		5745	/	/	1.345	1.444	93.14	0.31	0.03

		5785	/	/	1.344	1.443	93.14	0.31	0.03
		5825	/	/	1.344	1.443	93.14	0.31	0.03
802.11ac (VHT40)	SISO	5190	/	/	0.668	0.707	94.48	0.25	0.03
		5230	/	/	0.668	0.707	94.48	0.25	0.03
		5270	/	/	0.668	0.707	94.48	0.25	0.06
		5310	/	/	0.667	0.707	94.34	0.25	0.03
		5510	/	/	0.668	0.707	94.48	0.25	0.07
		5550	/	/	0.666	0.707	94.20	0.26	0.03
		5670	/	/	0.667	0.707	94.34	0.25	0.03
		5755	/	/	0.668	0.707	94.48	0.25	0.03
		5795	/	/	0.668	0.708	94.35	0.25	0.03
802.11ac (VHT80)	SISO	5210	/	/	0.332	0.352	94.32	0.25	0.18
		5290	/	/	0.331	0.351	94.30	0.25	0.04
		5530	/	/	0.331	0.351	94.30	0.25	0.04
		5610	/	/	0.334	0.352	94.89	0.23	0.11
		5775	/	/	0.332	0.352	94.32	0.25	0.07
802.11ac (VHT20)	MIMO	5180	/	/	0.695	0.734	94.69	0.24	0.03
		5200	/	/	0.696	0.735	94.69	0.24	0.03
		5240	/	/	0.696	0.735	94.69	0.24	0.03
		5260	/	/	0.696	0.735	94.69	0.24	0.03
		5300	/	/	0.696	0.735	94.69	0.24	0.03
		5320	/	/	0.696	0.735	94.69	0.24	0.03
		5500	/	/	0.696	0.735	94.69	0.24	0.03
		5580	/	/	0.696	0.735	94.69	0.24	0.03
		5700	/	/	0.696	0.735	94.69	0.24	0.03
		5745	/	/	0.696	0.735	94.69	0.24	0.03
		5785	/	/	0.696	0.735	94.69	0.24	0.03
		5825	/	/	0.696	0.735	94.69	0.24	0.03
802.11ac (VHT40)	MIMO	5190	/	/	0.359	0.379	94.72	0.24	0.07
		5230	/	/	0.359	0.379	94.72	0.24	0.04
		5270	/	/	0.360	0.379	94.99	0.22	0.04
		5310	/	/	0.360	0.379	94.99	0.22	0.04
		5510	/	/	0.359	0.379	94.72	0.24	0.04
		5550	/	/	0.359	0.379	94.72	0.24	0.07
		5670	/	/	0.359	0.379	94.72	0.24	0.07
		5755	/	/	0.359	0.379	94.72	0.24	0.10
		5795	/	/	0.359	0.379	94.72	0.24	0.04
802.11ac (VHT80)	MIMO	5210	/	/	0.192	0.212	90.57	0.43	0.07
		5290	/	/	0.192	0.211	91.00	0.41	0.12
		5530	/	/	0.192	0.211	91.00	0.41	0.09
		5610	/	/	0.192	0.212	90.57	0.43	0.14
		5775	/	/	0.192	0.212	90.57	0.43	0.88
802.11ax (HEW20)	SISO	5180	/	/	1.044	1.143	91.34	0.39	0.07
		5200	/	/	1.044	1.143	91.34	0.39	0.04
		5240	/	/	1.044	1.144	91.26	0.40	0.06
		5260	/	/	1.044	1.143	91.34	0.39	0.04
		5300	/	/	1.044	1.143	91.34	0.39	0.03
		5320	/	/	1.044	1.143	91.34	0.39	0.03
		5500	/	/	1.043	1.143	91.25	0.40	0.04
		5580	/	/	1.044	1.143	91.34	0.39	0.03
		5700	/	/	1.044	1.143	91.34	0.39	0.03
		5745	/	/	1.044	1.143	91.34	0.39	0.03
		5785	/	/	1.044	1.143	91.34	0.39	0.03
		5825	/	/	1.044	1.143	91.34	0.39	0.03

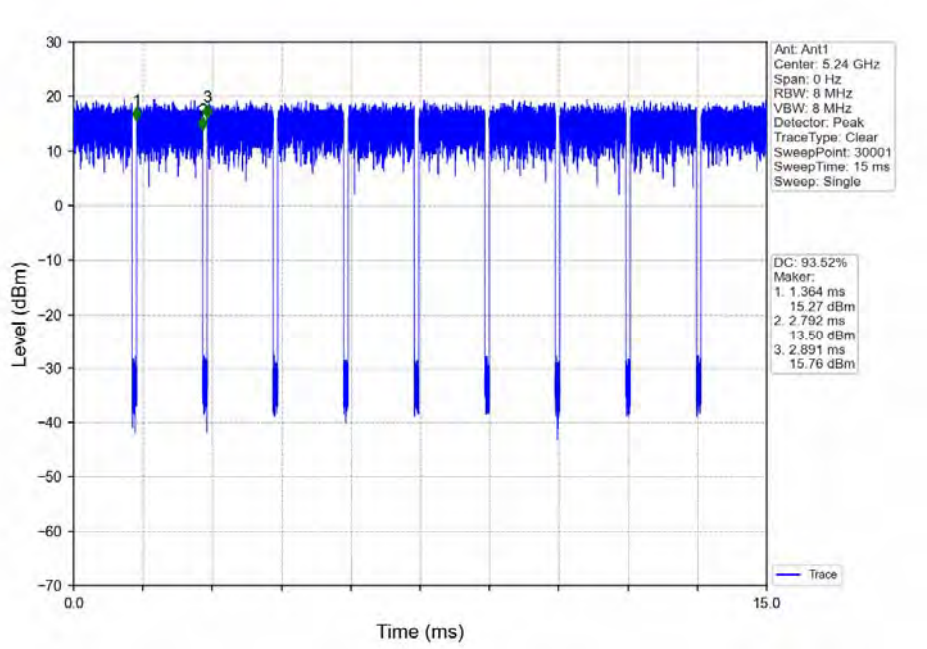
802.11ax (HEW40)	SISO	5190	/	/	0.550	0.589	93.38	0.30	0.03
		5230	/	/	0.551	0.590	93.39	0.30	0.04
		5270	/	/	0.550	0.590	93.22	0.30	0.03
		5310	/	/	0.550	0.590	93.22	0.30	0.03
		5510	/	/	0.550	0.590	93.22	0.30	0.03
		5550	/	/	0.551	0.590	93.39	0.30	0.07
		5670	/	/	0.551	0.590	93.39	0.30	0.03
		5755	/	/	0.550	0.590	93.22	0.30	0.07
		5795	/	/	0.550	0.589	93.38	0.30	0.03
802.11ax (HEW80)	SISO	5210	/	/	0.296	0.316	93.67	0.28	0.09
		5290	/	/	0.296	0.315	93.97	0.27	0.06
		5530	/	/	0.296	0.316	93.67	0.28	0.12
		5610	/	/	0.296	0.316	93.67	0.28	0.06
		5775	/	/	0.296	0.316	93.67	0.28	0.09
802.11ax (HEW20)	MIMO	5180	/	/	0.557	0.596	93.46	0.29	0.03
		5200	/	/	0.558	0.597	93.47	0.29	0.03
		5240	/	/	0.557	0.596	93.46	0.29	0.04
		5260	/	/	0.558	0.597	93.47	0.29	0.03
		5300	/	/	0.558	0.597	93.47	0.29	0.06
		5320	/	/	0.558	0.597	93.47	0.29	0.03
		5500	/	/	0.557	0.597	93.30	0.30	0.03
		5580	/	/	0.557	0.597	93.30	0.30	0.03
		5700	/	/	0.557	0.596	93.46	0.29	0.03
		5745	/	/	0.558	0.597	93.47	0.29	0.03
		5785	/	/	0.558	0.597	93.47	0.29	0.03
		5825	/	/	0.558	0.597	93.47	0.29	0.03
802.11ax (HEW40)	MIMO	5190	/	/	0.313	0.332	94.28	0.26	0.09
		5230	/	/	0.312	0.333	93.69	0.28	0.09
		5270	/	/	0.313	0.332	94.28	0.26	0.12
		5310	/	/	0.312	0.332	93.98	0.27	0.06
		5510	/	/	0.313	0.332	94.28	0.26	0.06
		5550	/	/	0.313	0.332	94.28	0.26	0.06
		5670	/	/	0.312	0.332	93.98	0.27	0.06
		5755	/	/	0.313	0.332	94.28	0.26	0.09
		5795	/	/	0.313	0.332	94.28	0.26	0.06
802.11ax (HEW80)	MIMO	5210	/	/	0.185	0.204	90.69	0.42	1.03
		5290	/	/	0.185	0.204	90.69	0.42	0.84
		5530	/	/	0.185	0.205	90.24	0.45	1.08
		5610	/	/	0.185	0.204	90.69	0.42	0.82
		5775	/	/	0.184	0.204	90.20	0.45	0.82

1.1.2 Test Graph

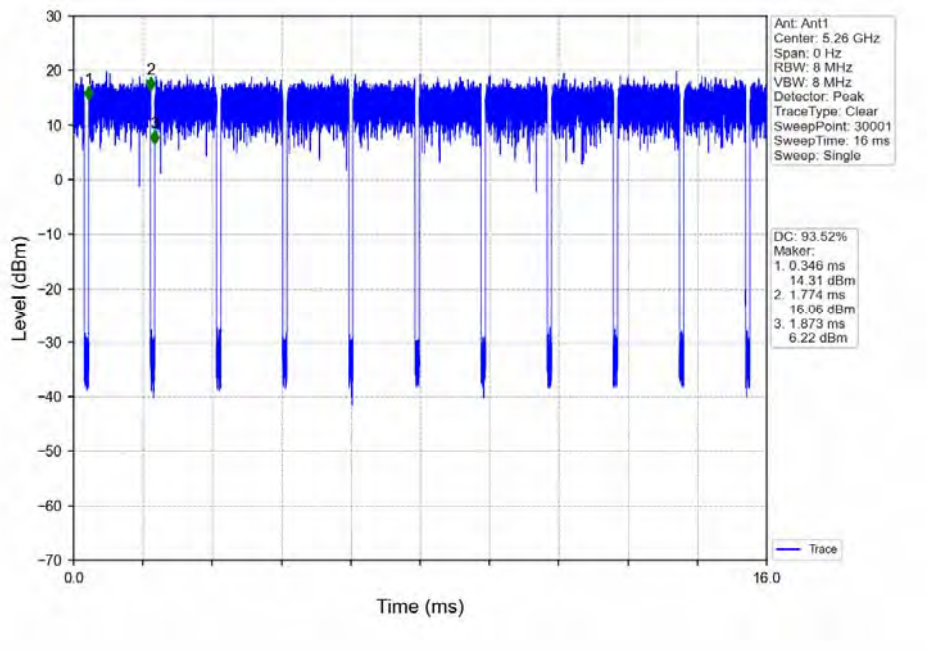
802.11a_LCH_5180MHz_Ant1_NTNV

802.11a_MCH_5200MHz_Ant1_NTNV


Ant: Ant1
Center: 5.2 GHz
Span: 0 Hz
RBW: 8 MHz
VBW: 8 MHz
Detector: Peak
TraceType: Clear
SweepPoint: 30001
SweepTime: 15 ms
Sweep: Single
DC: 93.52%
Maker:
1. 1.232 ms
0.08 dBm
2. 2.660 ms
14.70 dBm
3. 2.759 ms
14.24 dBm
Trace
Level (dBm)
Time (ms)
30
20
10
0
-10
-20
-30
-40
-50
-60
-70
0.0
15.0

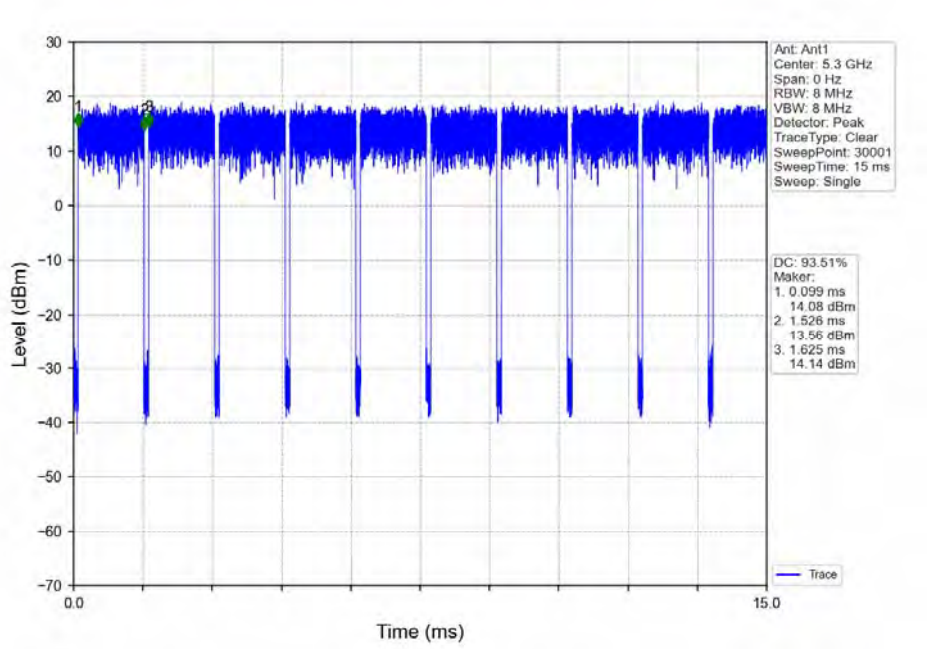
802.11a_HCH_5240MHz_Ant1_NTNV



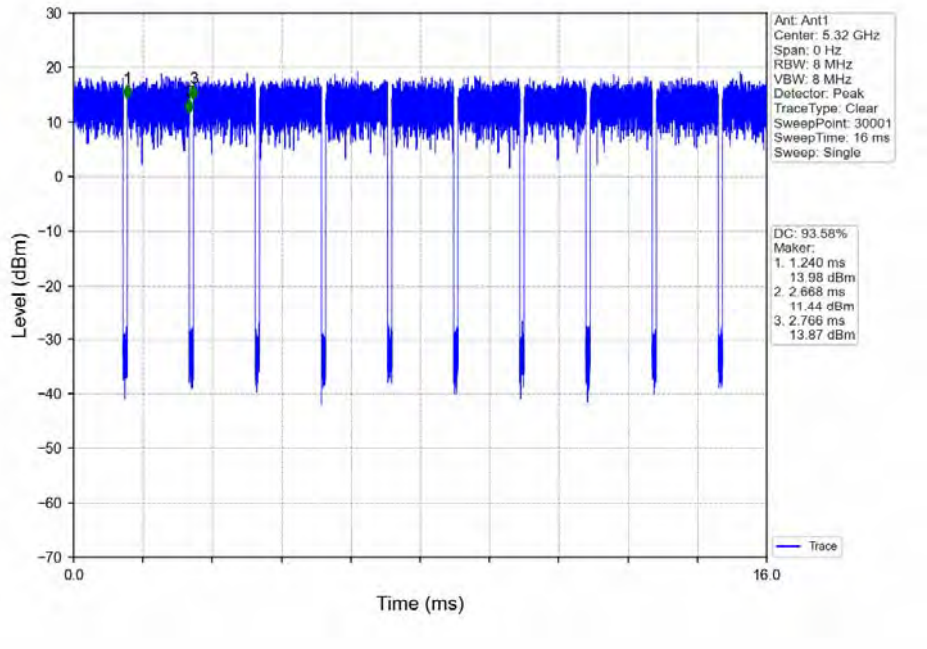
802.11a_LCH_5260MHz_Ant1_NTNV



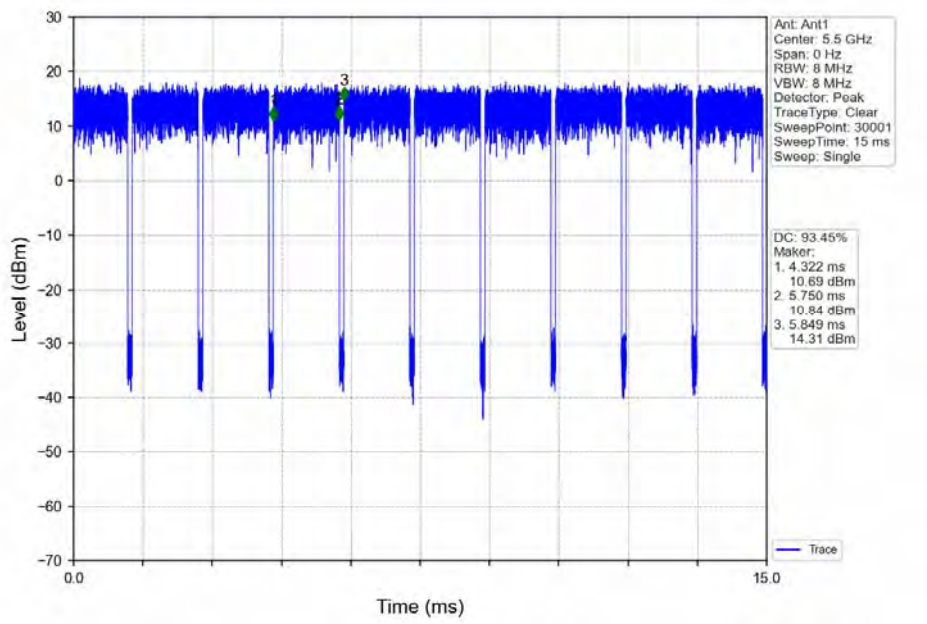
802.11a_MCH_5300MHz_Ant1_NTNV



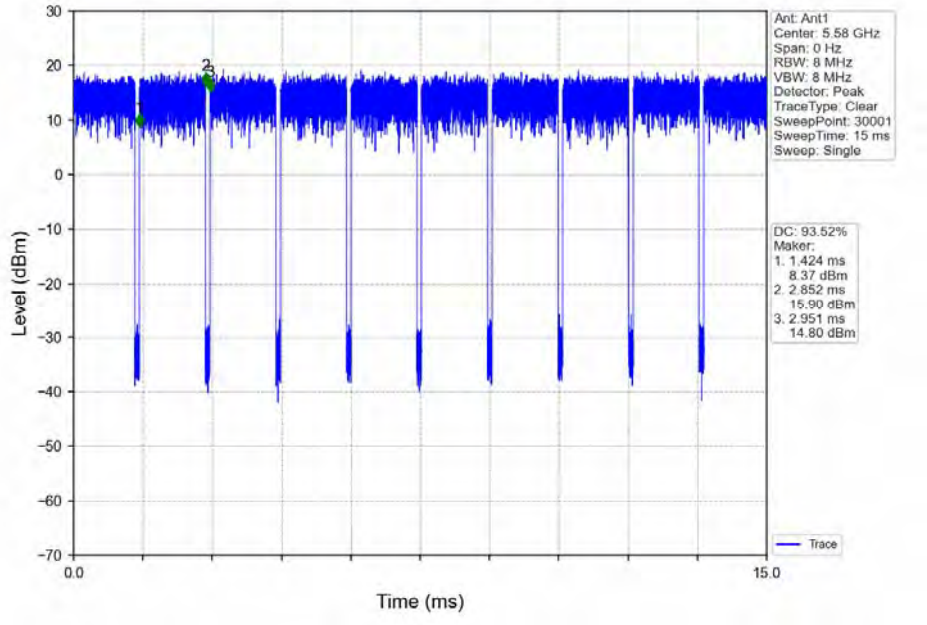
802.11a_HCH_5320MHz_Ant1_NTNV



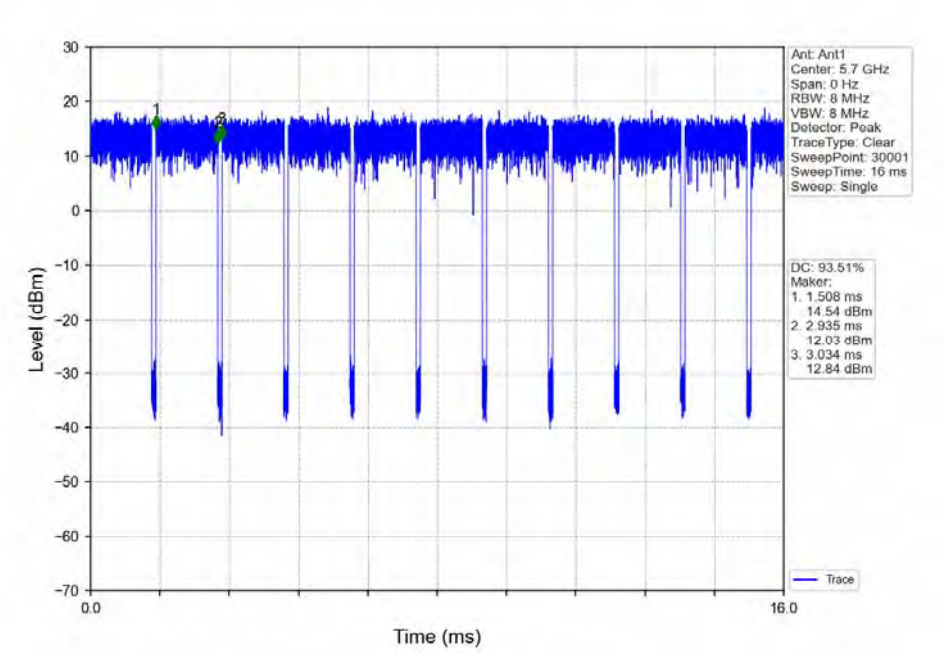
802.11a_LCH_5500MHz_Ant1_NTNV



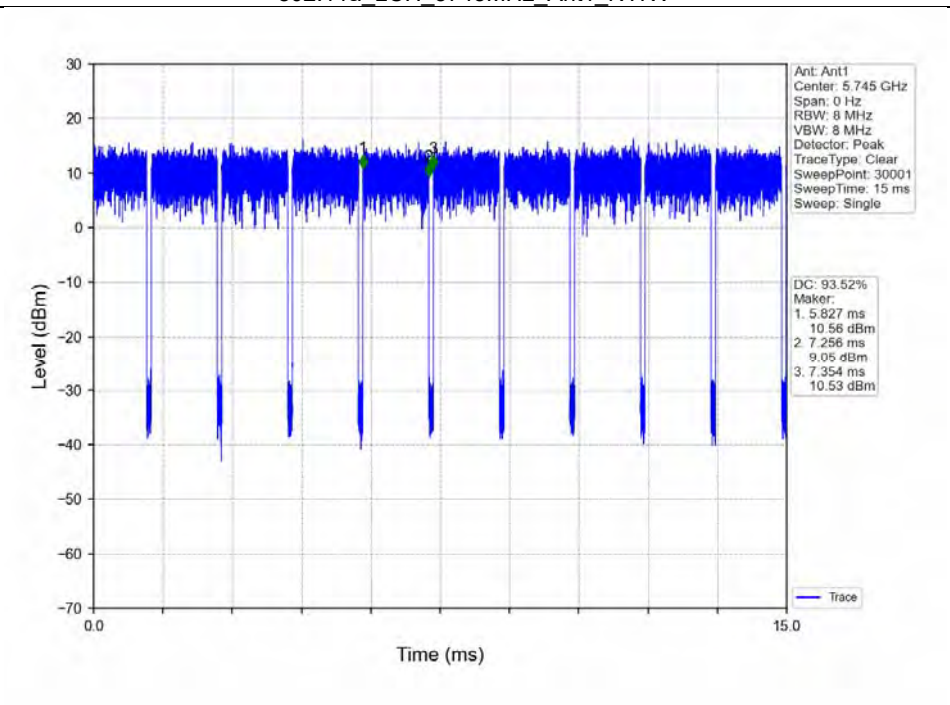
802.11a_MCH_5580MHz_Ant1_NTNV



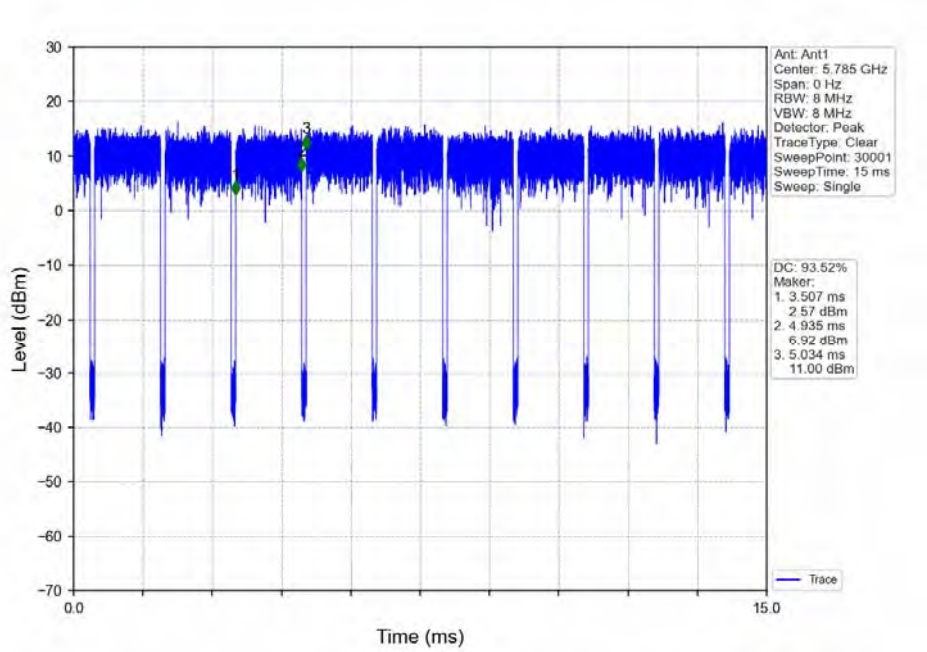
802.11a_HCH_5700MHz_Ant1_NTNV



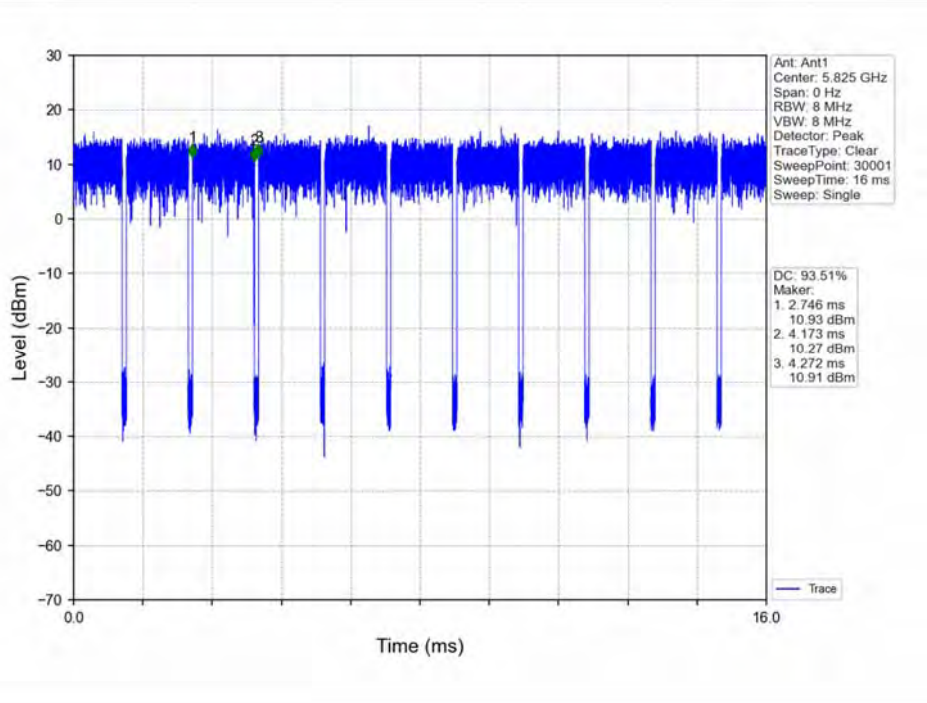
802.11a_LCH_5745MHz_Ant1_NTNV



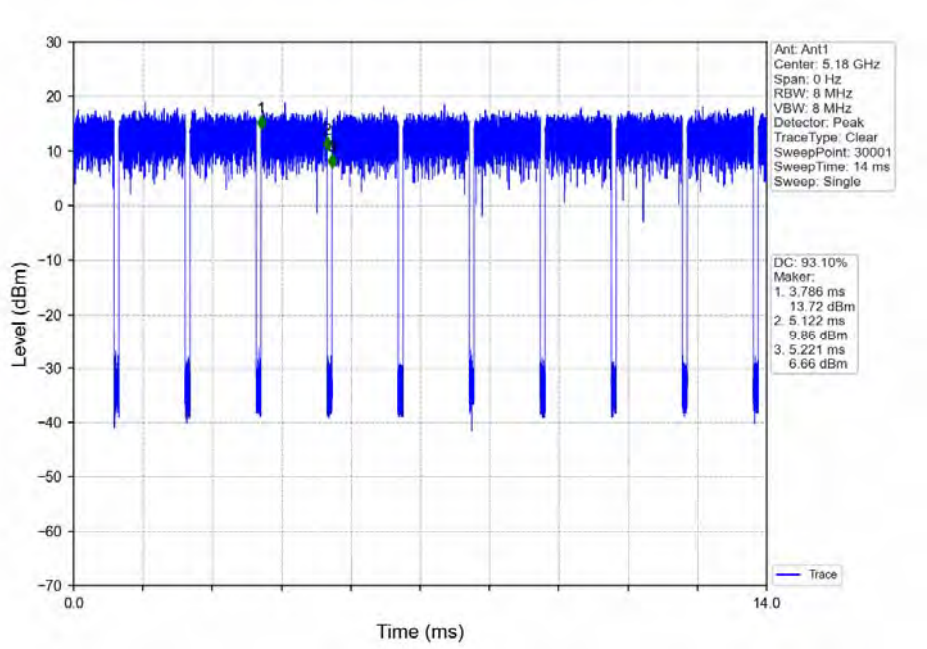
802.11a_MCH_5785MHz_Ant1_NTNV



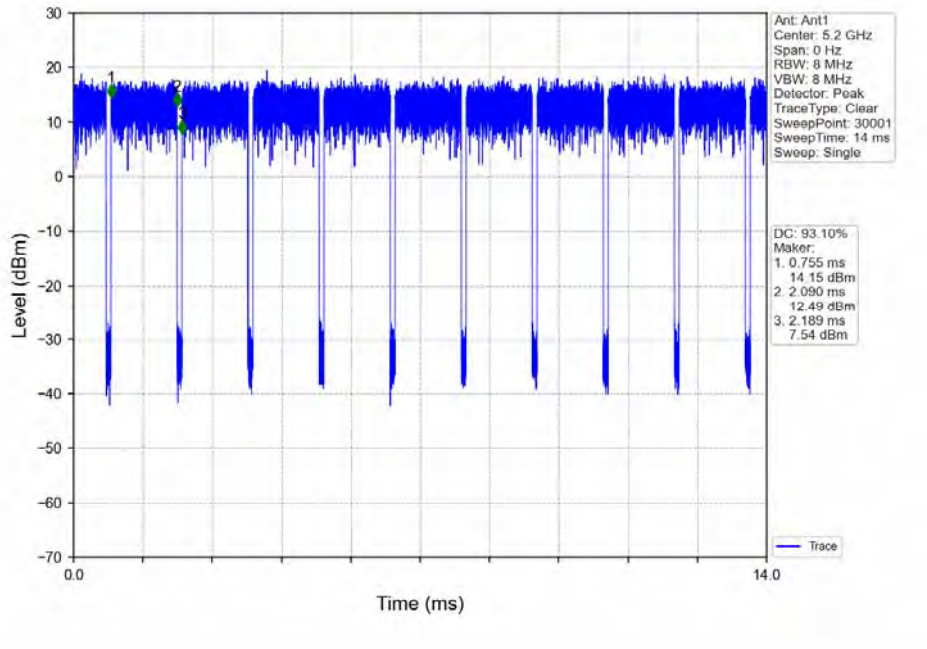
802.11a_HCH_5825MHz_Ant1_NTNV



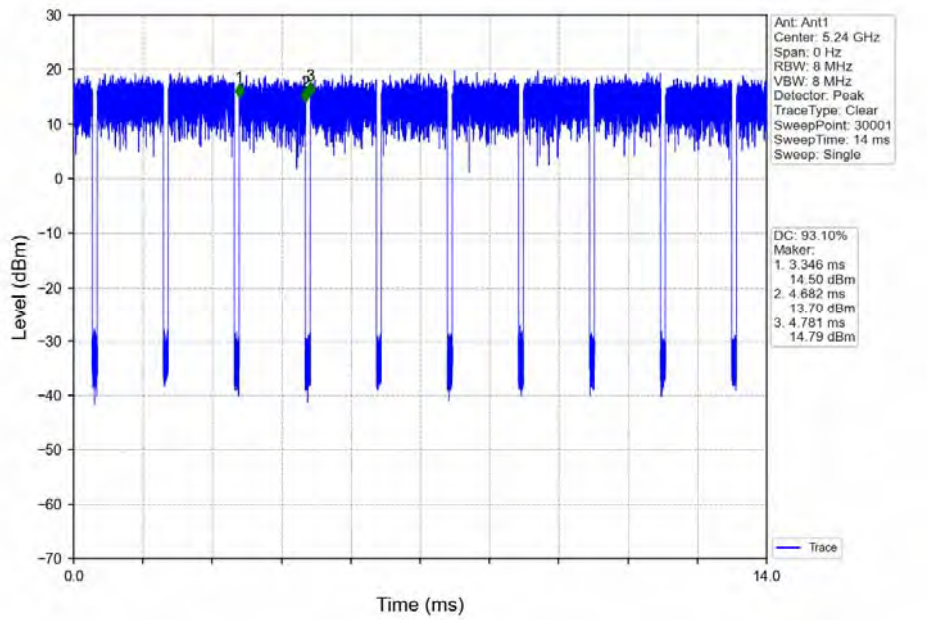
802.11n(HT20)_LCH_5180MHz_Ant1_NTNV



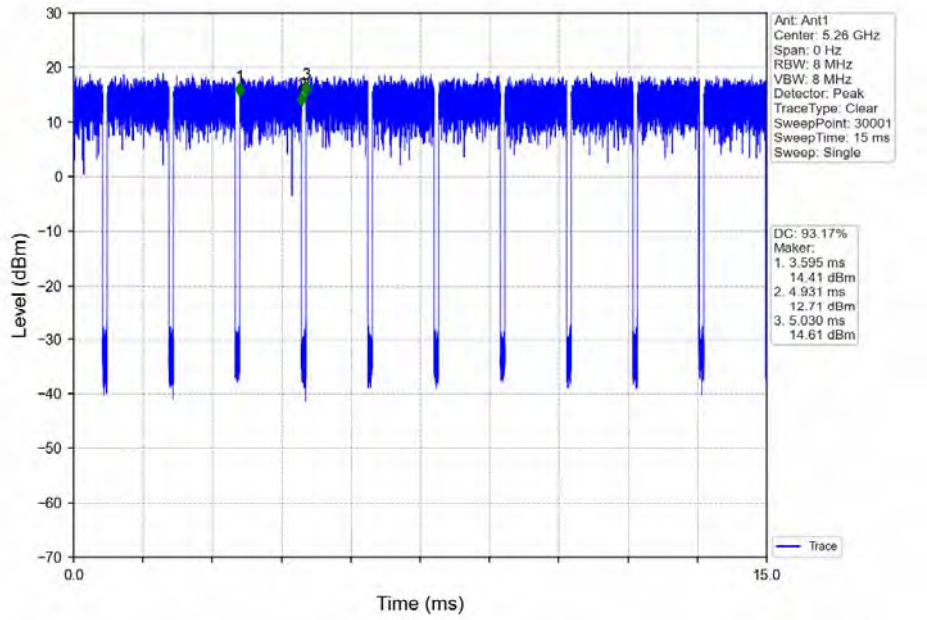
802.11n(HT20)_MCH_5200MHz_Ant1_NTNV



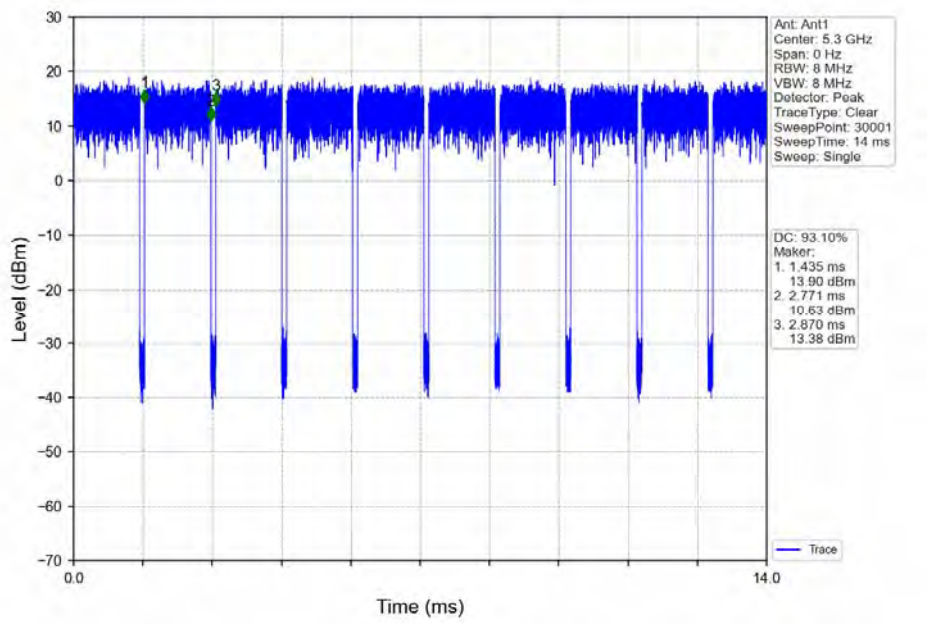
802.11n(HT20)_HCH_5240MHz_Ant1_NTNV



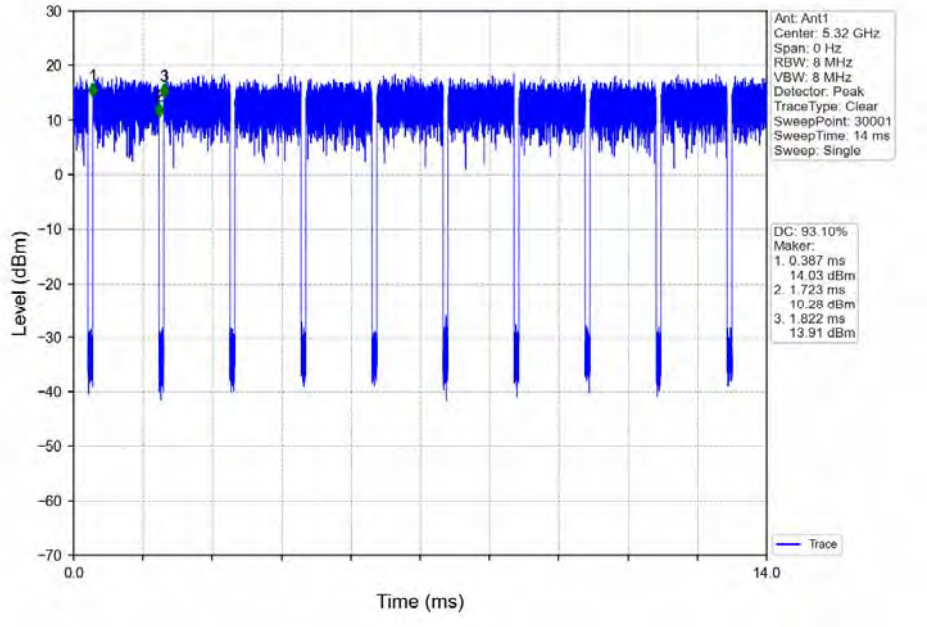
802.11n(HT20)_LCH_5260MHz_Ant1_NTNV



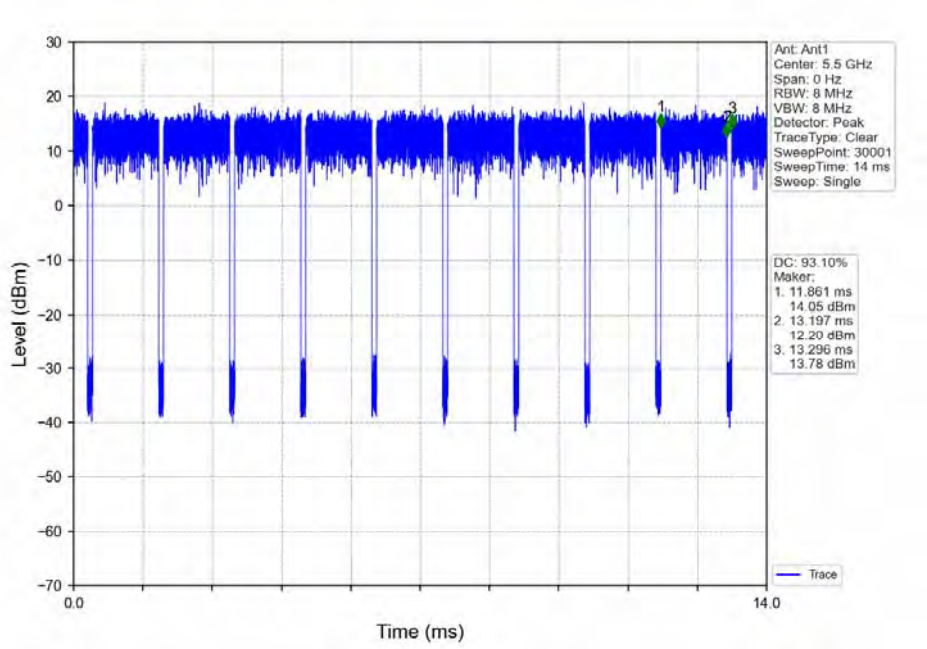
802.11n(HT20)_MCH_5300MHz_Ant1_NTNV



802.11n(HT20)_HCH_5320MHz_Ant1_NTNV



802.11n(HT20)_LCH_5500MHz_Ant1_NTNV



802.11n(HT20)_MCH_5580MHz_Ant1_NTNV