

PSD NVNT a 5300MHz Ant1



PSD NVNT a 5320MHz Ant1



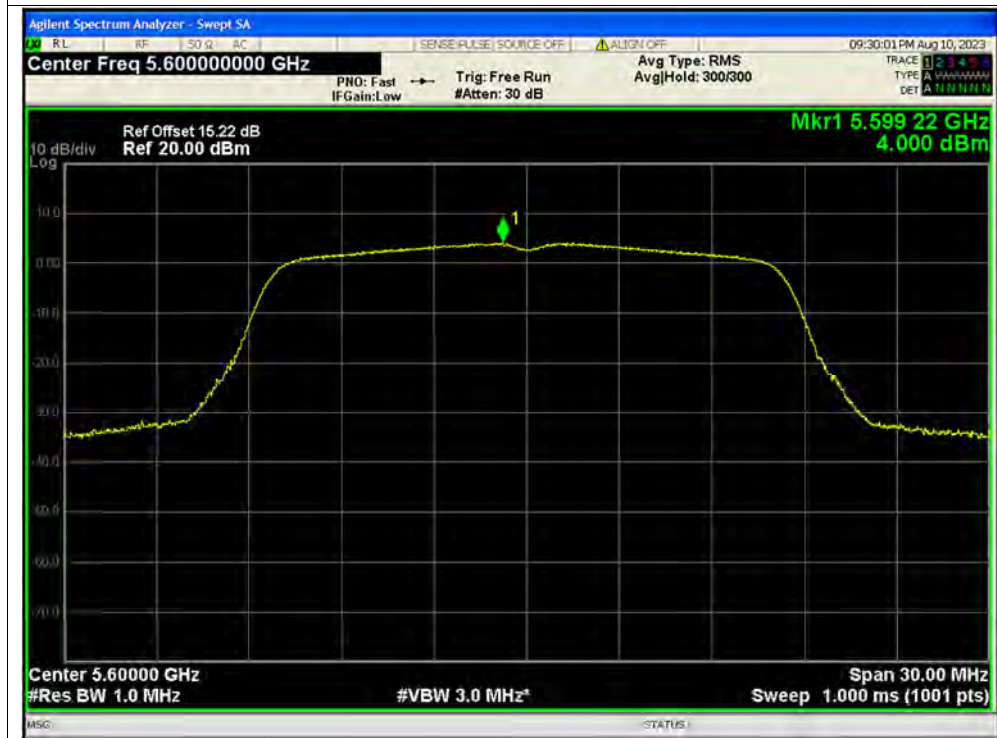
PSD NVNT a 5500MHz Ant1



PSD NVNT a 5580MHz Ant1



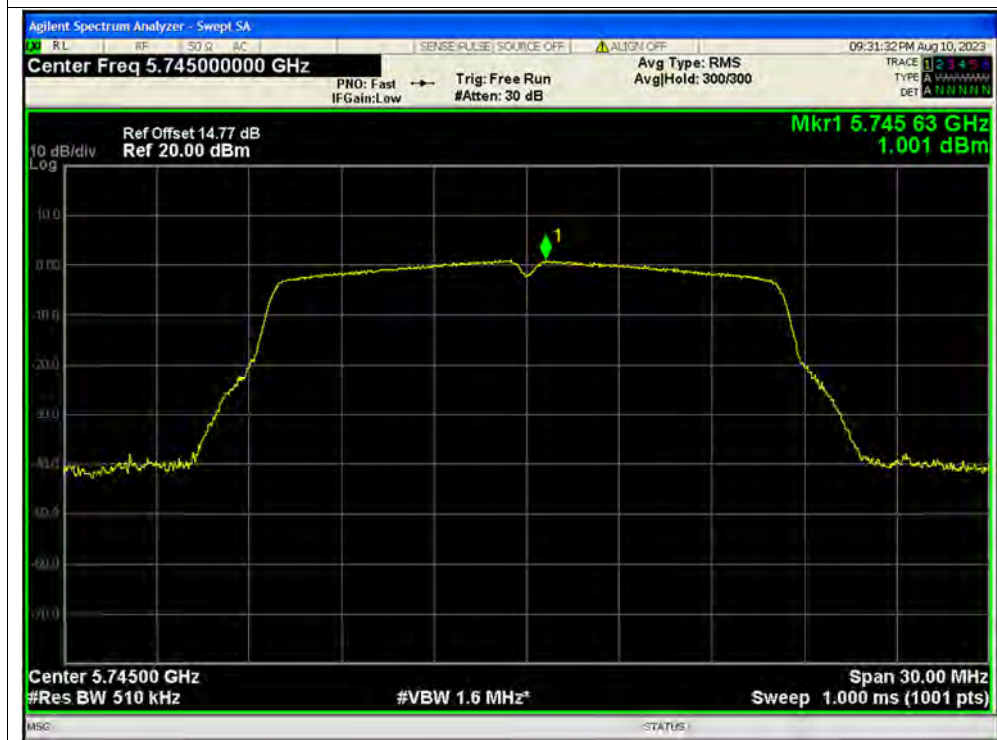
PSD NVNT a 5600MHz Ant1



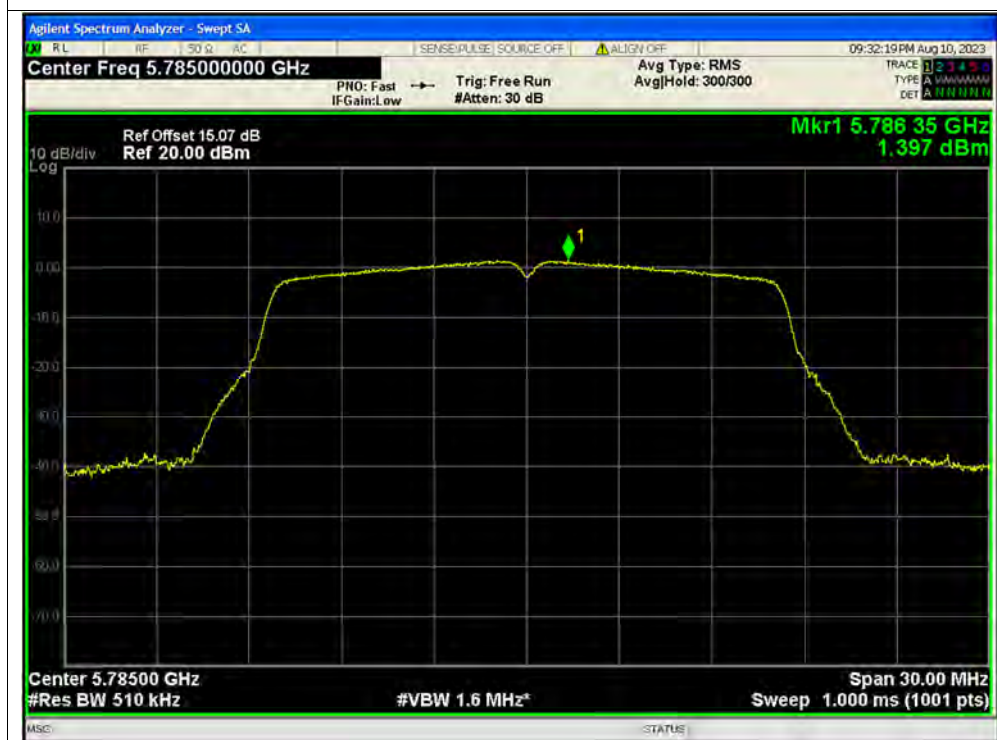
PSD NVNT a 5720MHz Ant1



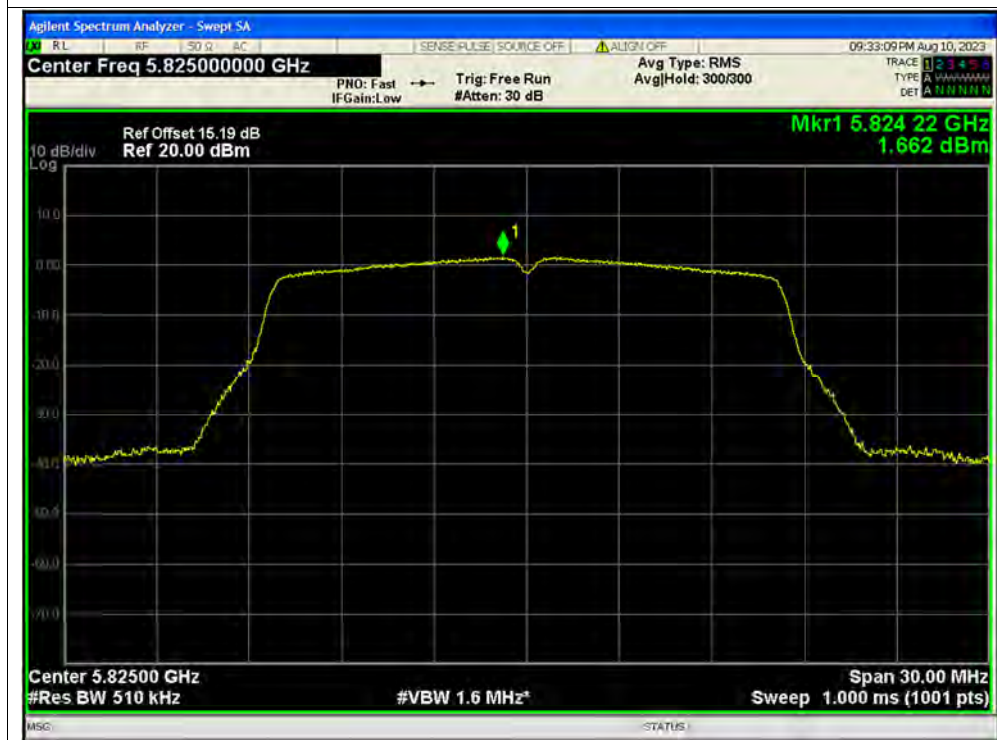
PSD NVNT a 5745MHz Ant1



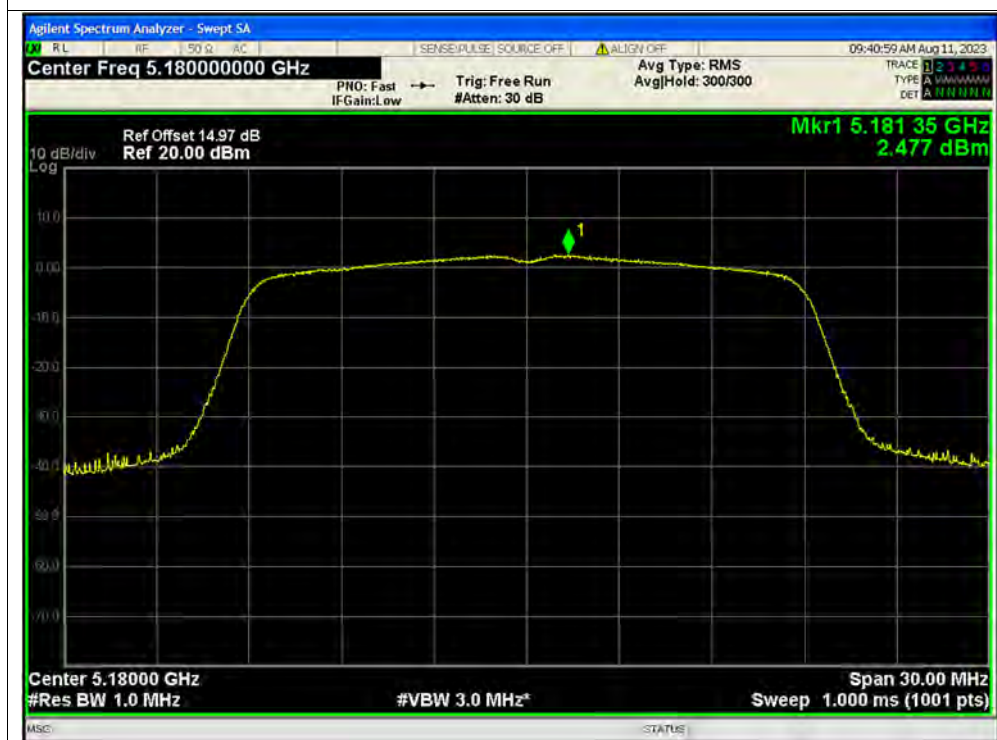
PSD NVNT a 5785MHz Ant1



PSD NVNT a 5825MHz Ant1



PSD NVNT n20 5180MHz Ant1



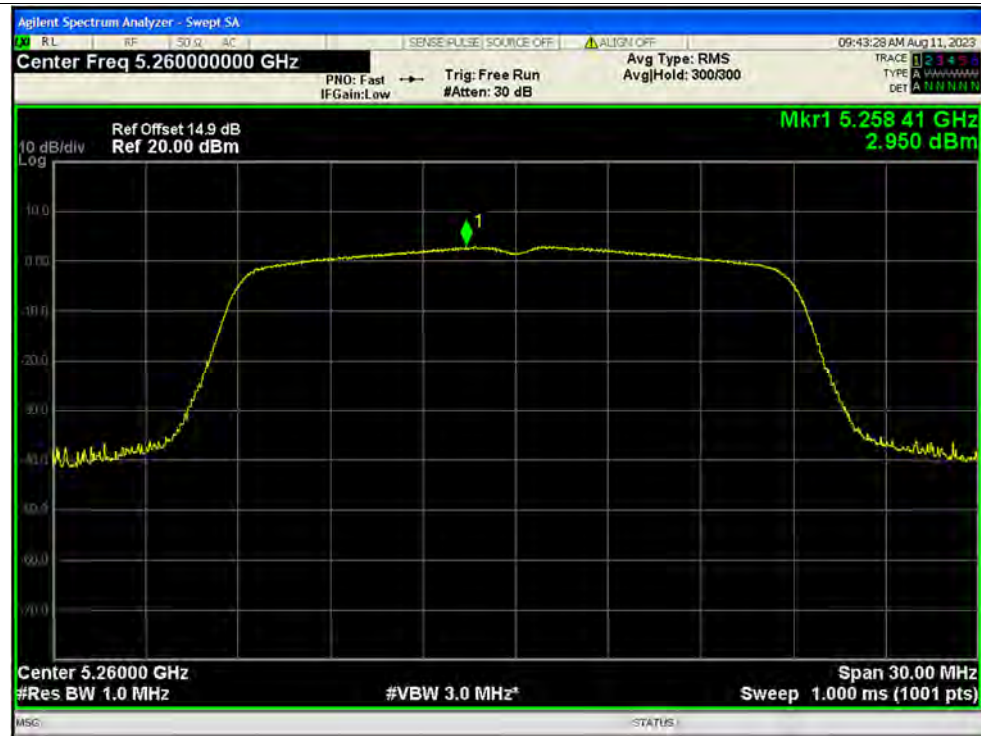
PSD NVNT n20 5220MHz Ant1



PSD NVNT n20 5240MHz Ant1



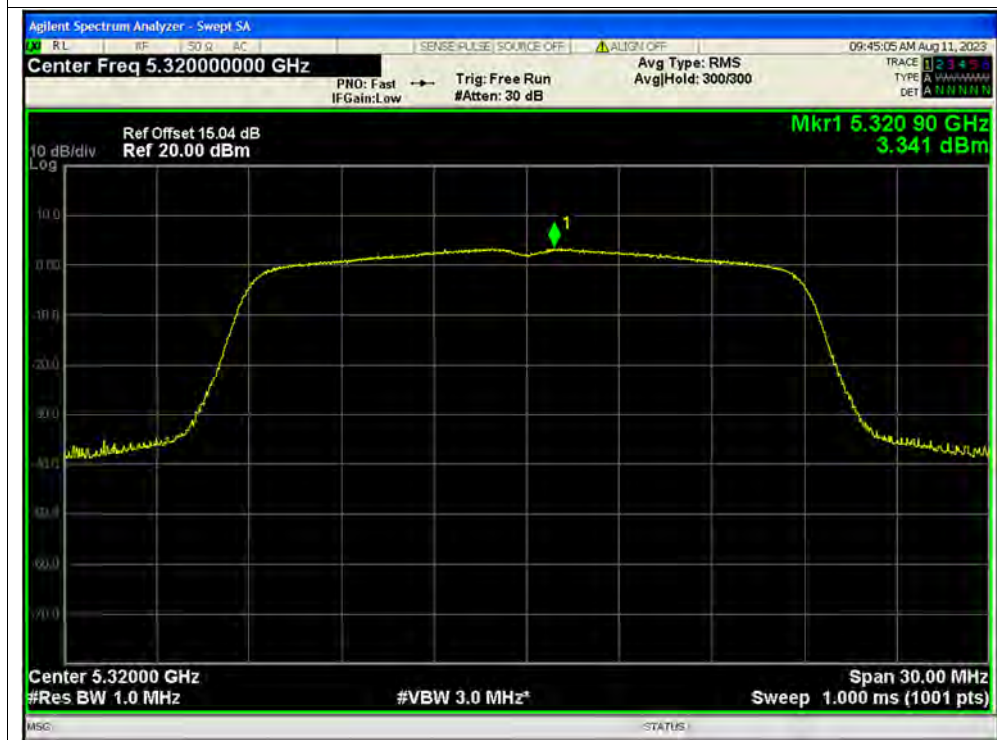
PSD NVNT n20 5260MHz Ant1



PSD NVNT n20 5300MHz Ant1



PSD NVNT n20 5320MHz Ant1



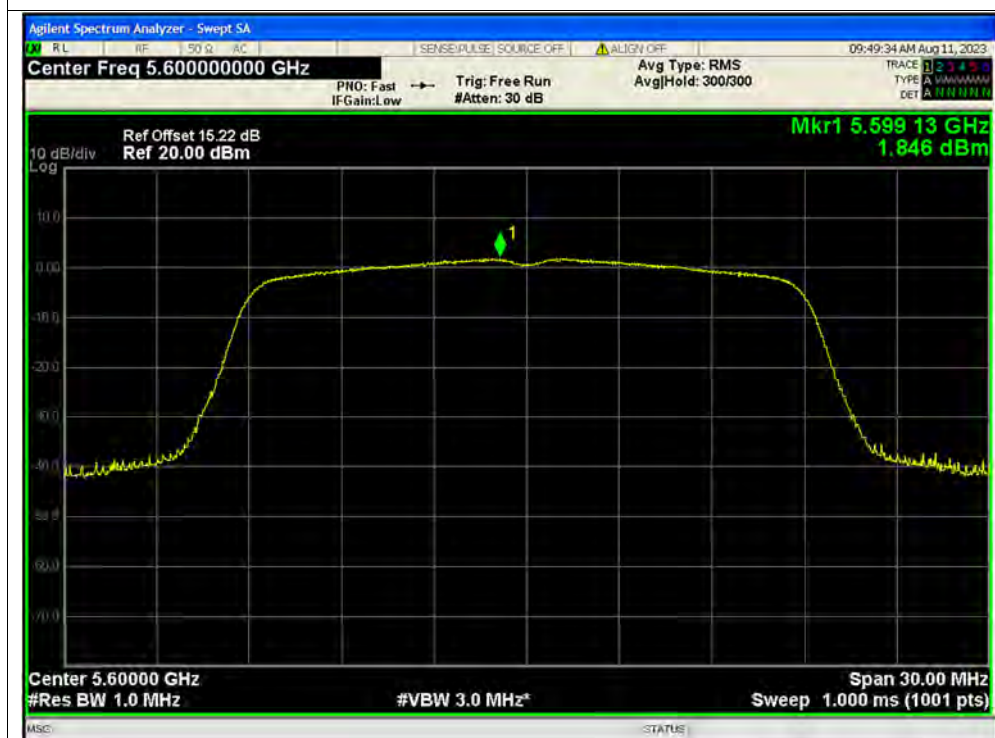
PSD NVNT n20 5500MHz Ant1



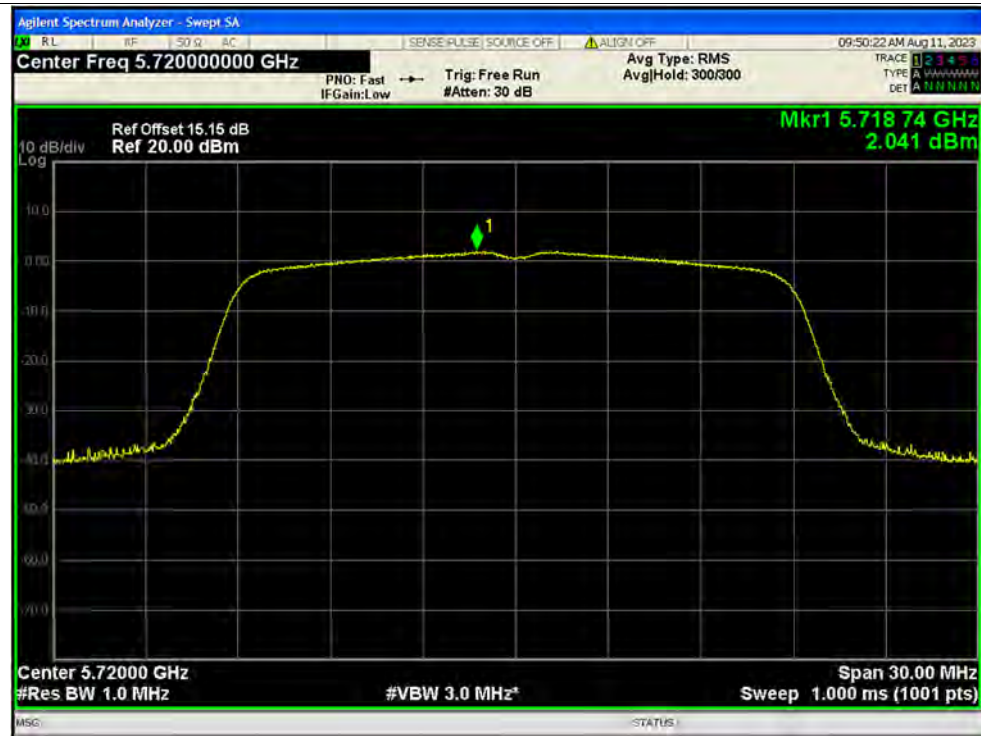
PSD NVNT n20 5580MHz Ant1



PSD NVNT n20 5600MHz Ant1



PSD NVNT n20 5720MHz Ant1



PSD NVNT n20 5745MHz Ant1



PSD NVNT n20 5785MHz Ant1



PSD NVNT n20 5825MHz Ant1



PSD NVNT n40 5190MHz Ant1



PSD NVNT n40 5230MHz Ant1



PSD NVNT n40 5270MHz Ant1



PSD NVNT n40 5310MHz Ant1



PSD NVNT n40 5510MHz Ant1



PSD NVNT n40 5550MHz Ant1





PSD NVNT n40 5630MHz Ant1



PSD NVNT n40 5710MHz Ant1





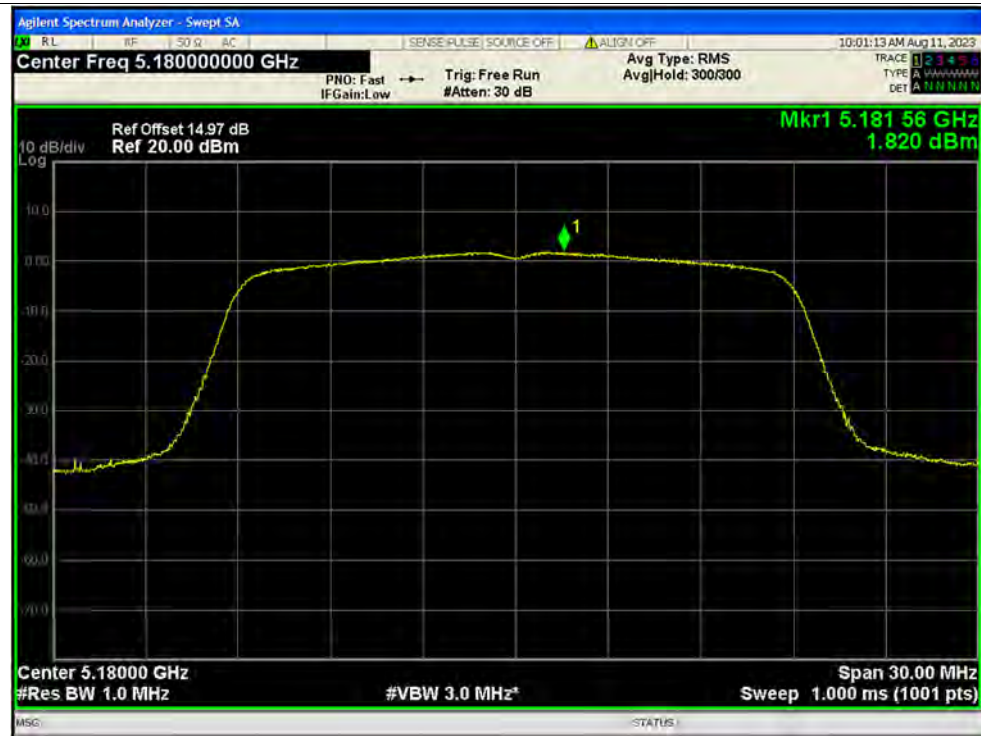
PSD NVNT n40 5755MHz Ant1



PSD NVNT n40 5795MHz Ant1



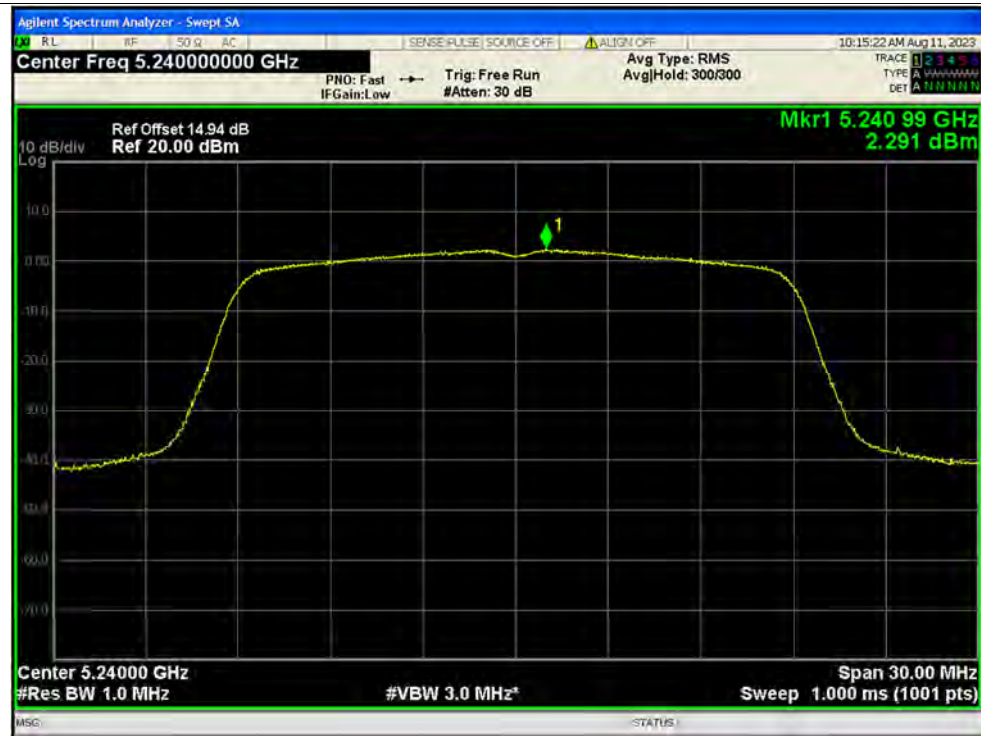
PSD NVNT ac20 5180MHz Ant1



PSD NVNT ac20 5220MHz Ant1



PSD NVNT ac20 5240MHz Ant1



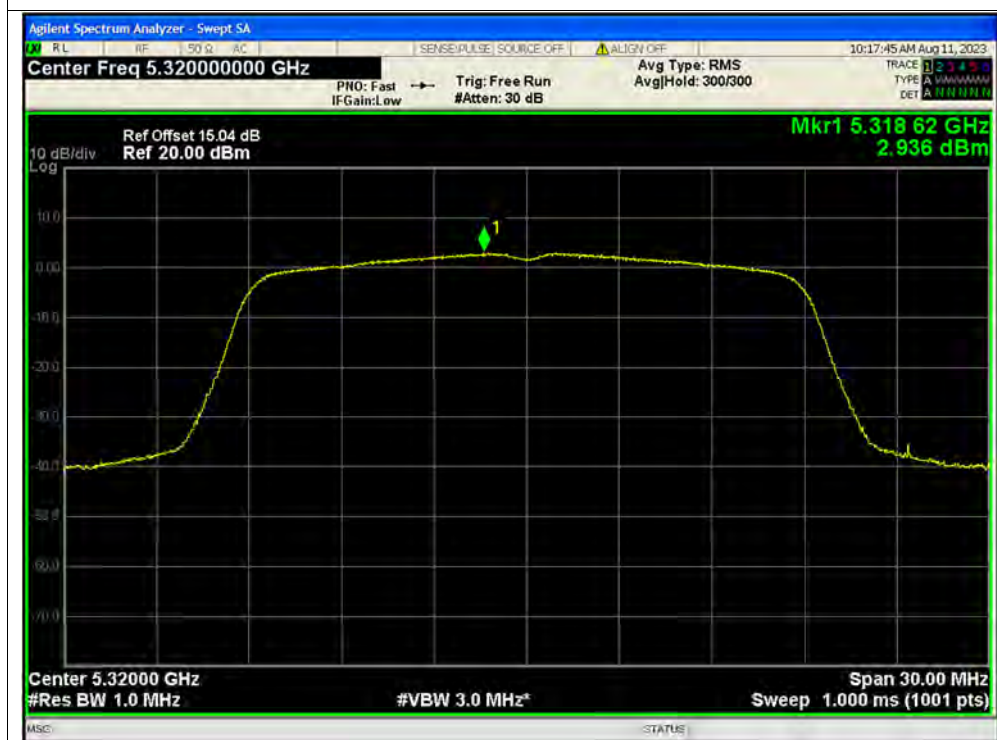
PSD NVNT ac20 5260MHz Ant1



PSD NVNT ac20 5300MHz Ant1



PSD NVNT ac20 5320MHz Ant1



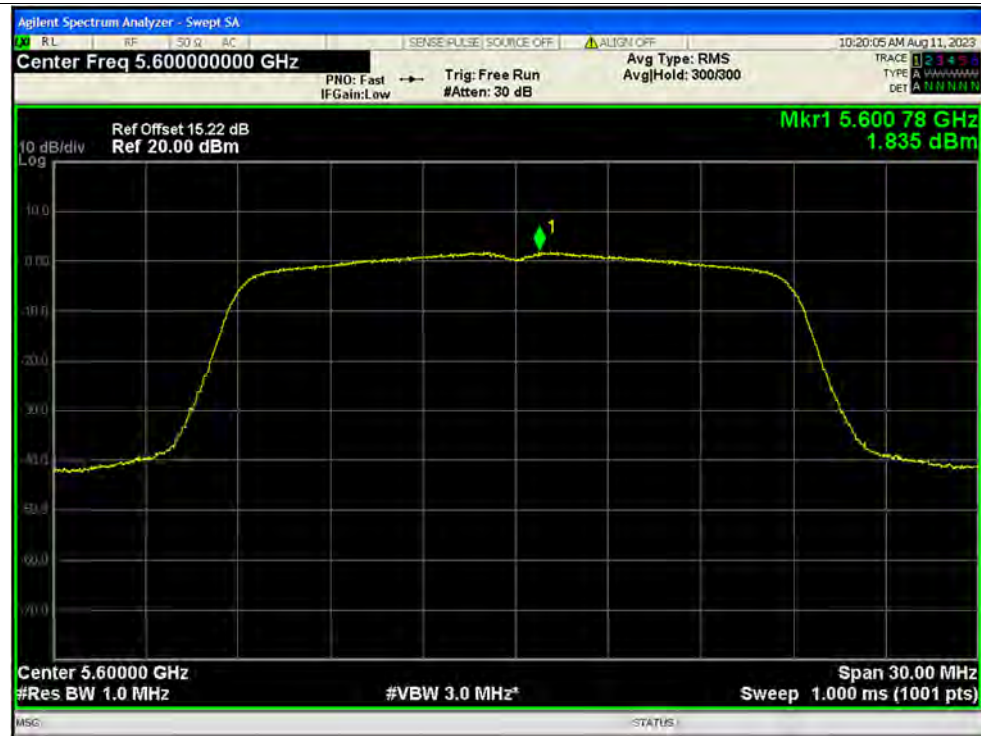
PSD NVNT ac20 5500MHz Ant1



PSD NVNT ac20 5580MHz Ant1



PSD NVNT ac20 5600MHz Ant1



PSD NVNT ac20 5720MHz Ant1



PSD NVNT ac20 5745MHz Ant1



PSD NVNT ac20 5785MHz Ant1



PSD NVNT ac20 5825MHz Ant1



PSD NVNT ac40 5190MHz Ant1



PSD NVNT ac40 5230MHz Ant1



PSD NVNT ac40 5270MHz Ant1



PSD NVNT ac40 5310MHz Ant1



PSD NVNT ac40 5510MHz Ant1



PSD NVNT ac40 5550MHz Ant1



PSD NVNT ac40 5630MHz Ant1



PSD NVNT ac40 5710MHz Ant1



PSD NVNT ac40 5755MHz Ant1



PSD NVNT ac40 5795MHz Ant1



PSD NVNT ac80 5210MHz Ant1





PSD NVNT ac80 5290MHz Ant1



PSD NVNT ac80 5530MHz Ant1





PSD NVNT ac80 5610MHz Ant1



PSD NVNT ac80 5690MHz Ant1



PSD NVNT ac80 5775MHz Ant1



**A.5. Frequency Stability**

Condition	Mode	Frequency (MHz)	Antenna	Measured Frequency (MHz)	Frequency Error (Hz)	Deviation (ppm)	Limit (ppm)	Verdict
20C 3.5V	Carrier	5180	Ant1	5180.001	1000	0.19	25	Pass
20C 4.35V	Carrier	5180	Ant1	5180.001	1000	0.19	25	Pass
0C 3.8V	Carrier	5180	Ant1	5180.001	1000	0.19	25	Pass
10C 3.8V	Carrier	5180	Ant1	5180.001	1000	0.19	25	Pass
20C 3.8V	Carrier	5180	Ant1	5180.001	1000	0.19	25	Pass
30C 3.8V	Carrier	5180	Ant1	5180.001	1000	0.19	25	Pass
40C 3.8V	Carrier	5180	Ant1	5180	0	0	25	Pass
45C 3.8V	Carrier	5180	Ant1	5180	0	0	25	Pass
20C 3.5V	Carrier	5260	Ant1	5259.999	-1000	-0.19	25	Pass
20C 4.35V	Carrier	5260	Ant1	5259.999	-1000	-0.19	25	Pass
0C 3.8V	Carrier	5260	Ant1	5259.999	-1000	-0.19	25	Pass
10C 3.8V	Carrier	5260	Ant1	5259.999	-1000	-0.19	25	Pass
20C 3.8V	Carrier	5260	Ant1	5259.999	-1000	-0.19	25	Pass
30C 3.8V	Carrier	5260	Ant1	5259.999	-1000	-0.19	25	Pass
40C 3.8V	Carrier	5260	Ant1	5259.999	-1000	-0.19	25	Pass
45C 3.8V	Carrier	5260	Ant1	5259.999	-1000	-0.19	25	Pass
20C 3.5V	Carrier	5500	Ant1	5499.997	-3000	-0.55	25	Pass
20C 4.35V	Carrier	5500	Ant1	5499.997	-3000	-0.55	25	Pass
0C 3.8V	Carrier	5500	Ant1	5499.997	-3000	-0.55	25	Pass
10C 3.8V	Carrier	5500	Ant1	5499.997	-3000	-0.55	25	Pass
20C 3.8V	Carrier	5500	Ant1	5499.997	-3000	-0.55	25	Pass
30C 3.8V	Carrier	5500	Ant1	5499.997	-3000	-0.55	25	Pass
40C 3.8V	Carrier	5500	Ant1	5499.997	-3000	-0.55	25	Pass
45C 3.8V	Carrier	5500	Ant1	5499.997	-3000	-0.55	25	Pass
20C 3.5V	Carrier	5745	Ant1	5744.998	-2000	-0.35	25	Pass
20C 4.35V	Carrier	5745	Ant1	5744.998	-2000	-0.35	25	Pass
0C 3.8V	Carrier	5745	Ant1	5744.998	-2000	-0.35	25	Pass
10C 3.8V	Carrier	5745	Ant1	5744.998	-2000	-0.35	25	Pass
20C 3.8V	Carrier	5745	Ant1	5744.998	-2000	-0.35	25	Pass
30C 3.8V	Carrier	5745	Ant1	5744.998	-2000	-0.35	25	Pass



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40C 3.8V	Carrier	5745	Ant1	5744.998	-2000	-0.35	25	Pass
45C 3.8V	Carrier	5745	Ant1	5744.998	-2000	-0.35	25	Pass

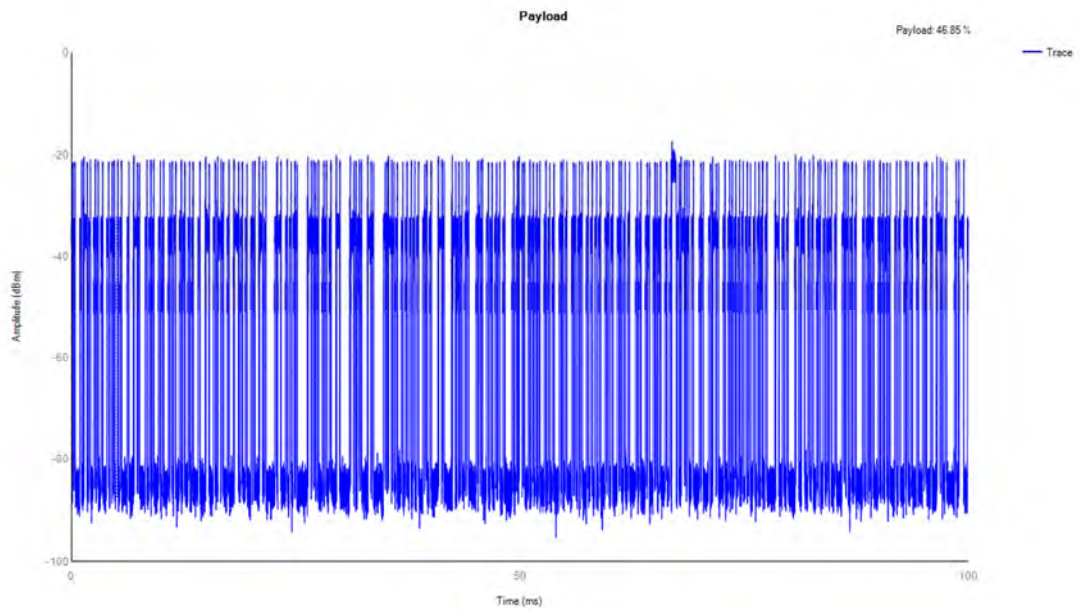
**A.6. Dynamic Frequency Selection**

Payload

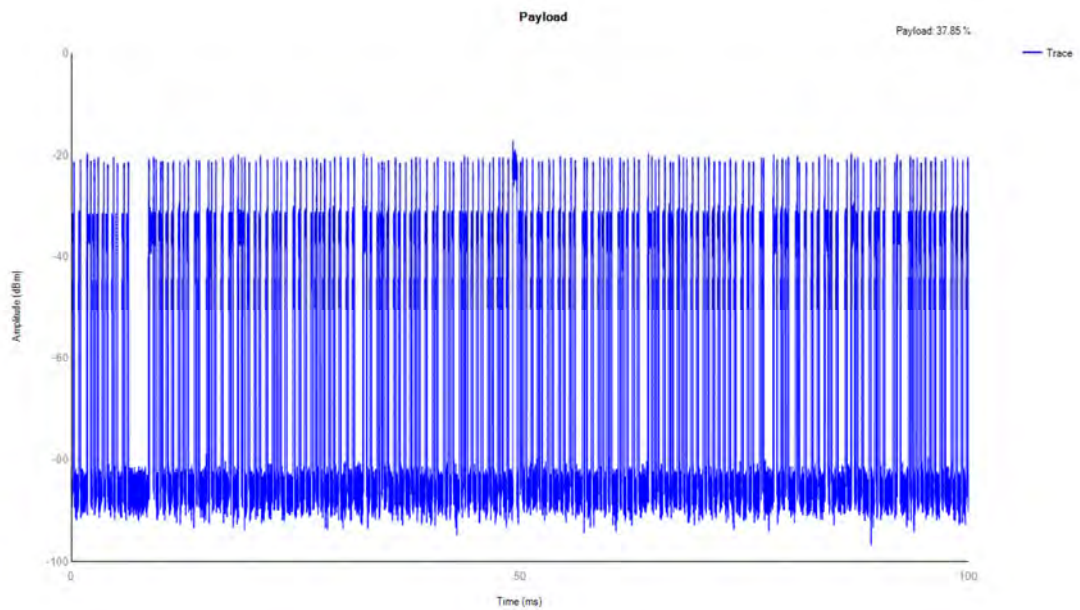
Mode	Frequency (MHz)	Type	Result	Verdict
a	5320	DFS_FCC_T0	See test Graph	PASS
a	5500	DFS_FCC_T0	See test Graph	PASS
ac80	5290	DFS_FCC_T0	See test Graph	PASS
ac80	5530	DFS_FCC_T0	See test Graph	PASS

Test Graphs

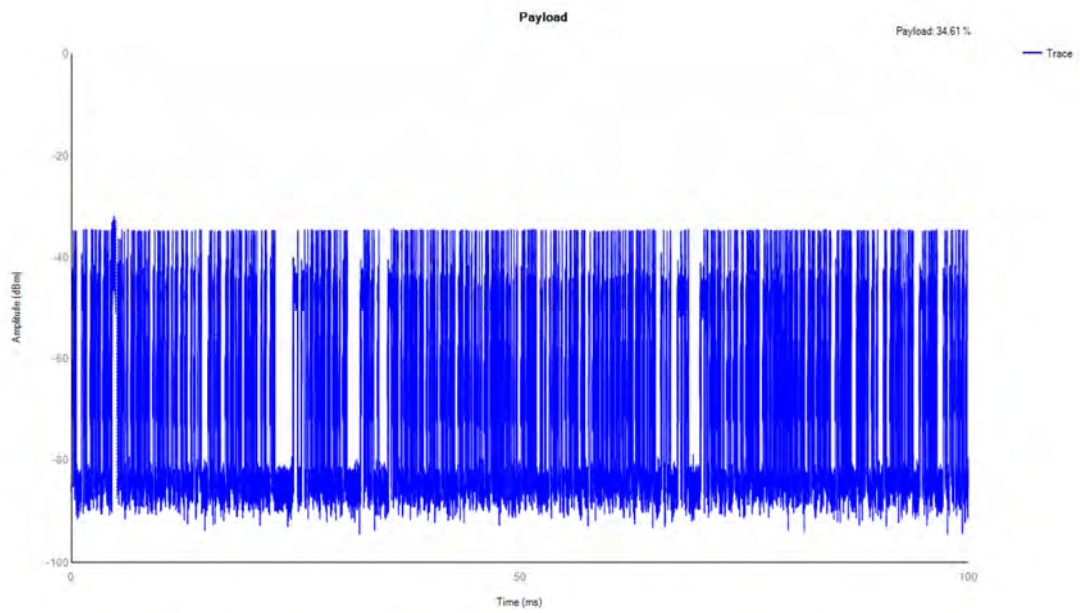
5320MHz DFS_FCC_T0



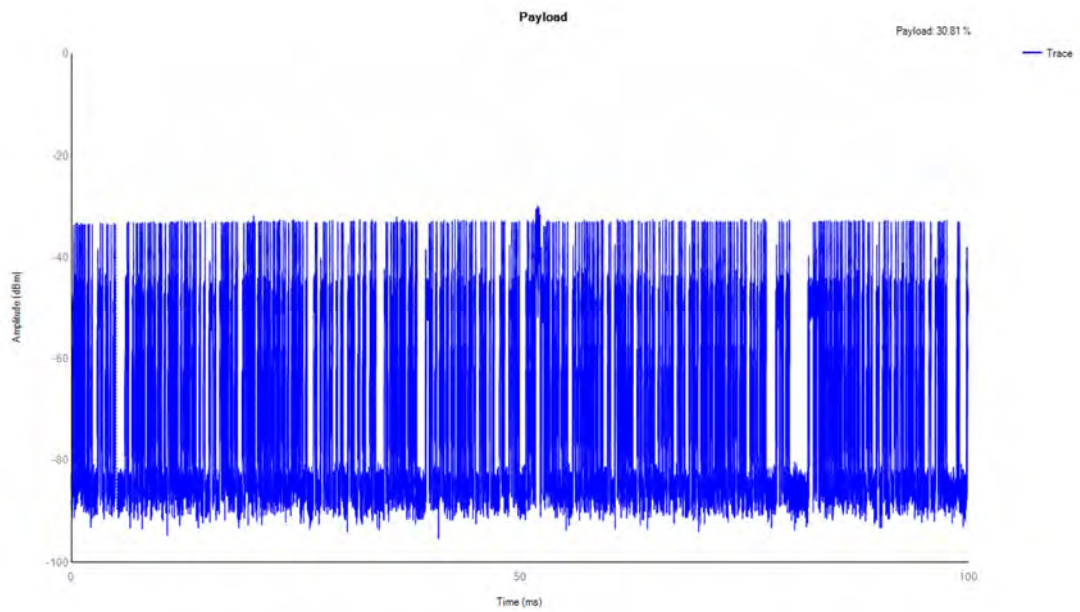
5500MHz DFS_FCC_T0



5290MHz DFS_FCC_T0



5530MHz DFS_FCC_T0





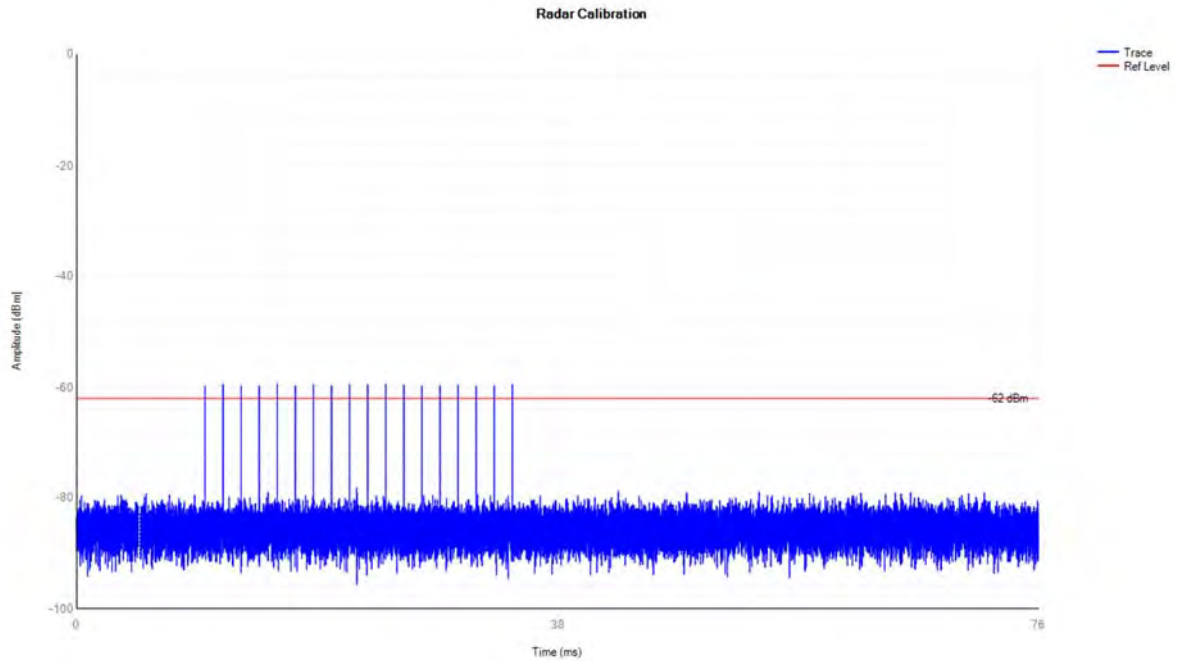
REPORT No. : SZ23080057W04

Detection Thresholds

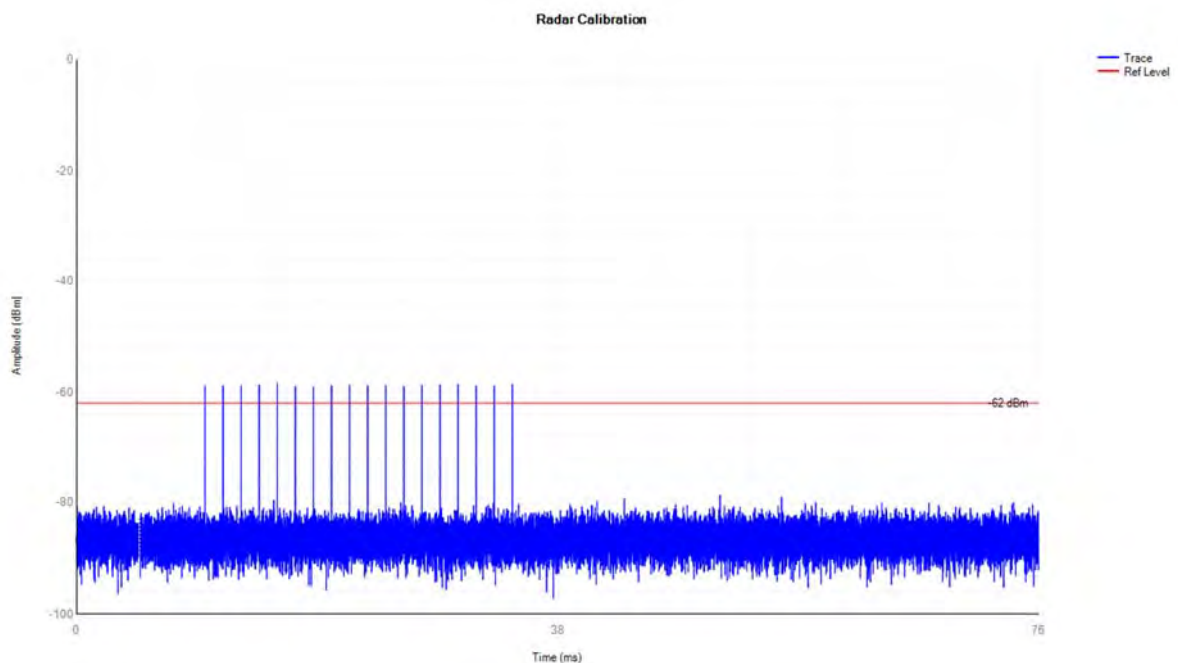
Mode	Frequency (MHz)	Type	Result	Verdict
a	5320	DFS_FCC_T0	See test Graph	Pass
a	5500	DFS_FCC_T0	See test Graph	Pass
ac80	5290	DFS_FCC_T0	See test Graph	Pass
ac80	5530	DFS_FCC_T0	See test Graph	Pass

Test Graphs

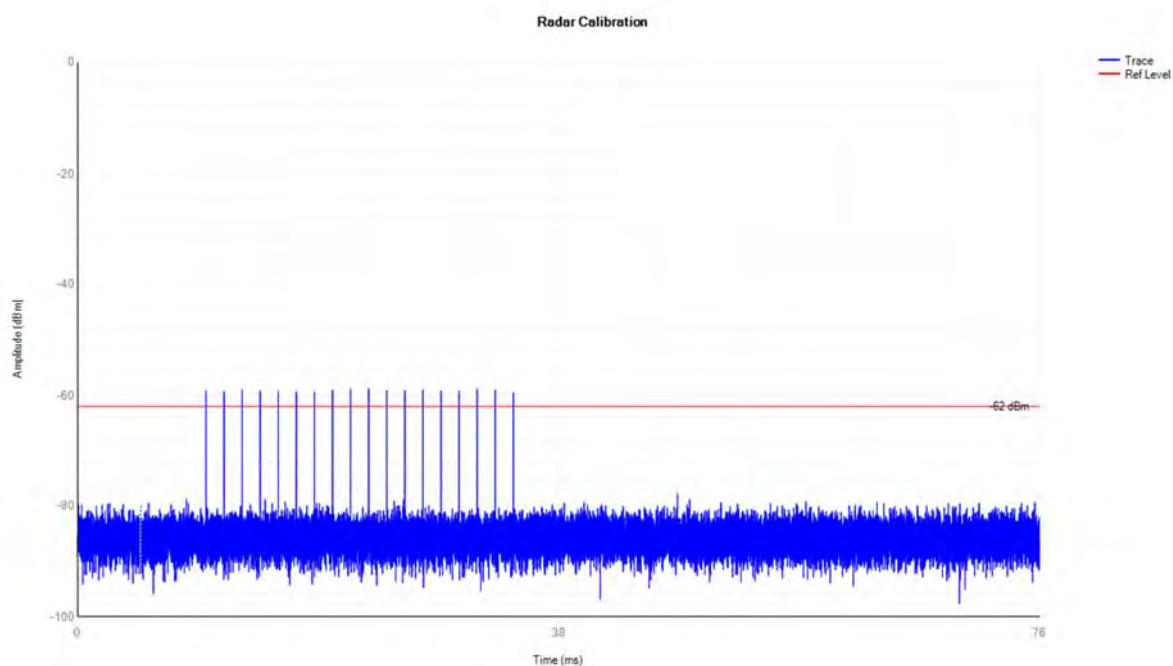
5320MHz DFS_FCC_T0



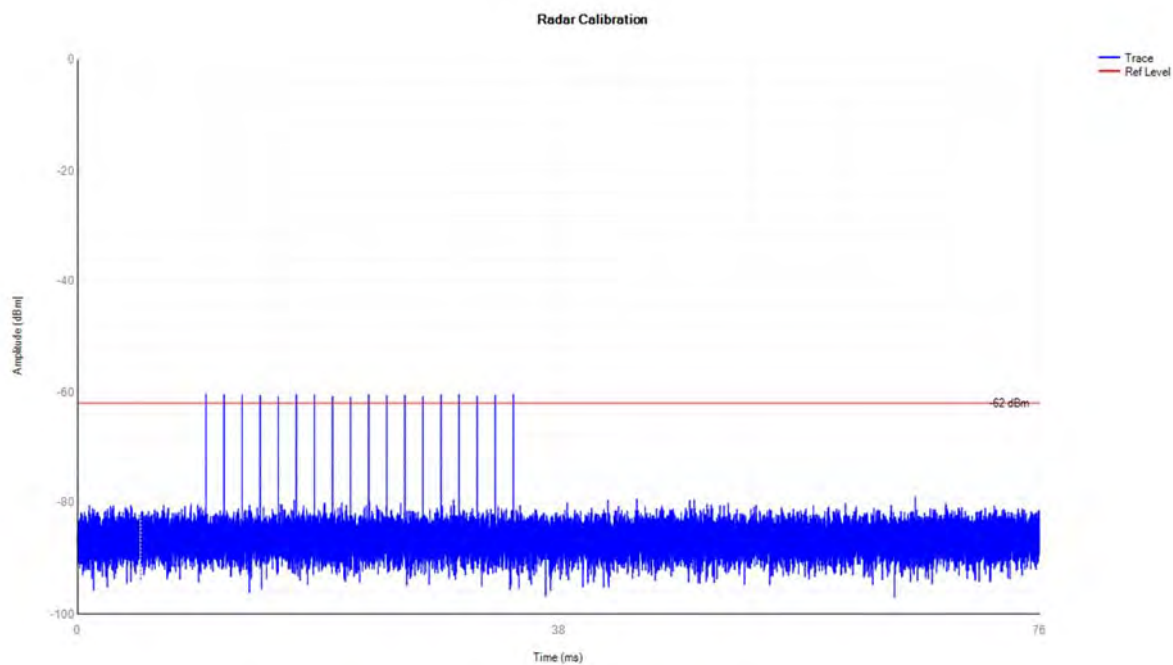
5500MHz DFS_FCC_T0



5290MHz DFS_FCC_T0



5530MHz DFS_FCC_T0





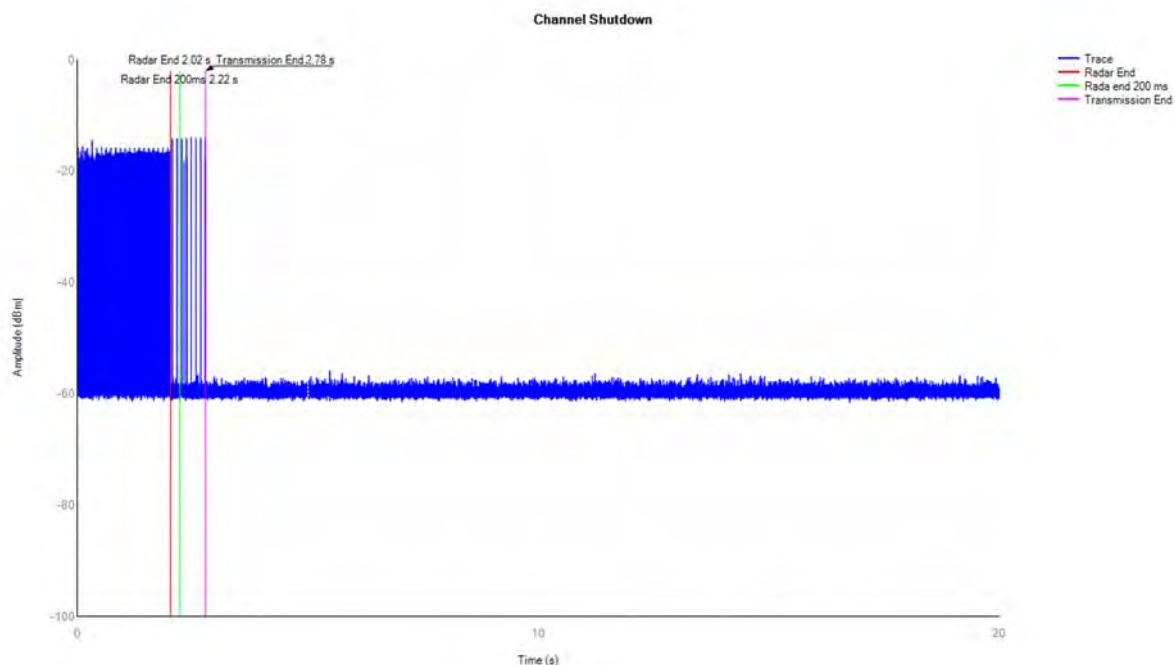
REPORT No. : SZ23080057W04

Channel Move Time and Channel Closing Transmission Time

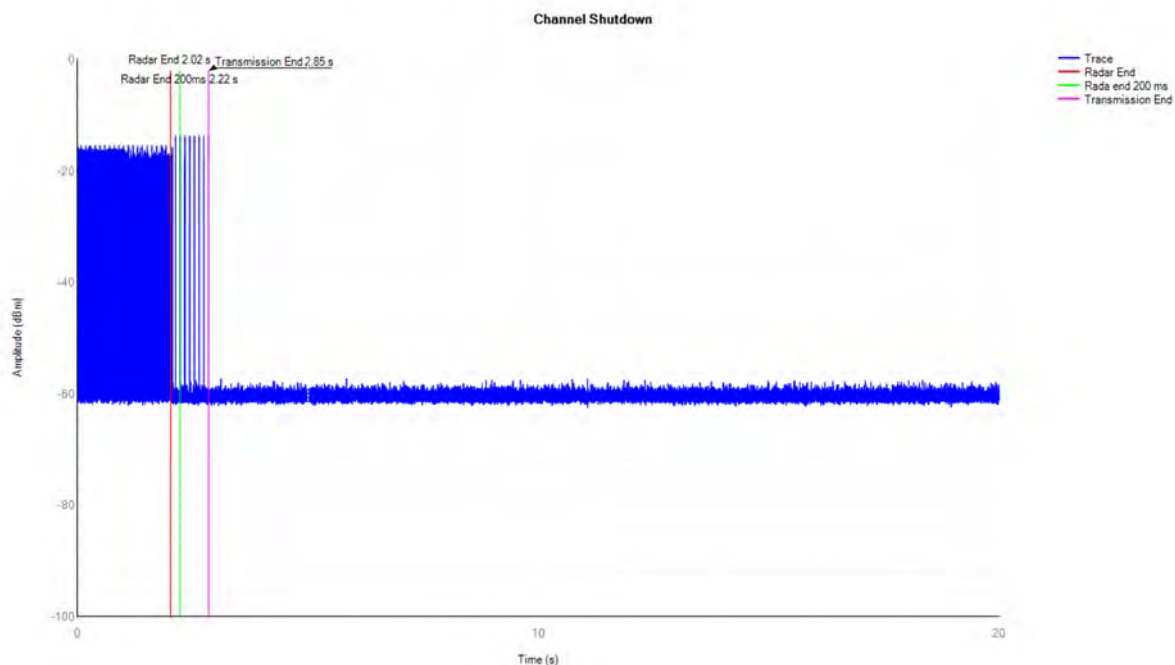
Mode	Frequency (MHz)	Channel Move Time (s)	Limit Channel Move Time (s)	Close Transmission Time (s)	Limit Close Transmission Time (s)	Close Transmission Time after 200ms(s)	Limit Close Transmission Time after 200ms (s)	Verdict
a	5320	0.753	10	0.016	0.26	0.012	0.06	Pass
a	5500	0.822	10	0.04	0.26	0.014	0.06	Pass
ac80	5290	0.879	10	0.039	0.26	0.006	0.06	Pass
ac80	5530	0.819	10	0.057	0.26	0.008	0.06	Pass

Test Graphs

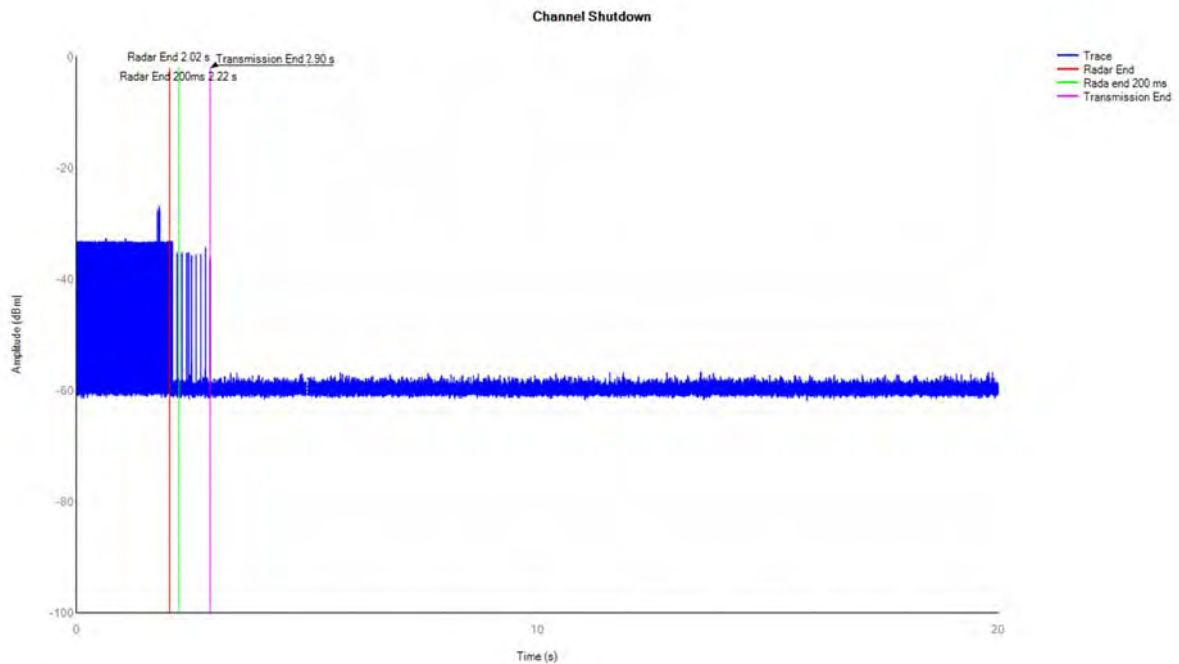
a 5320MHz Shutdown



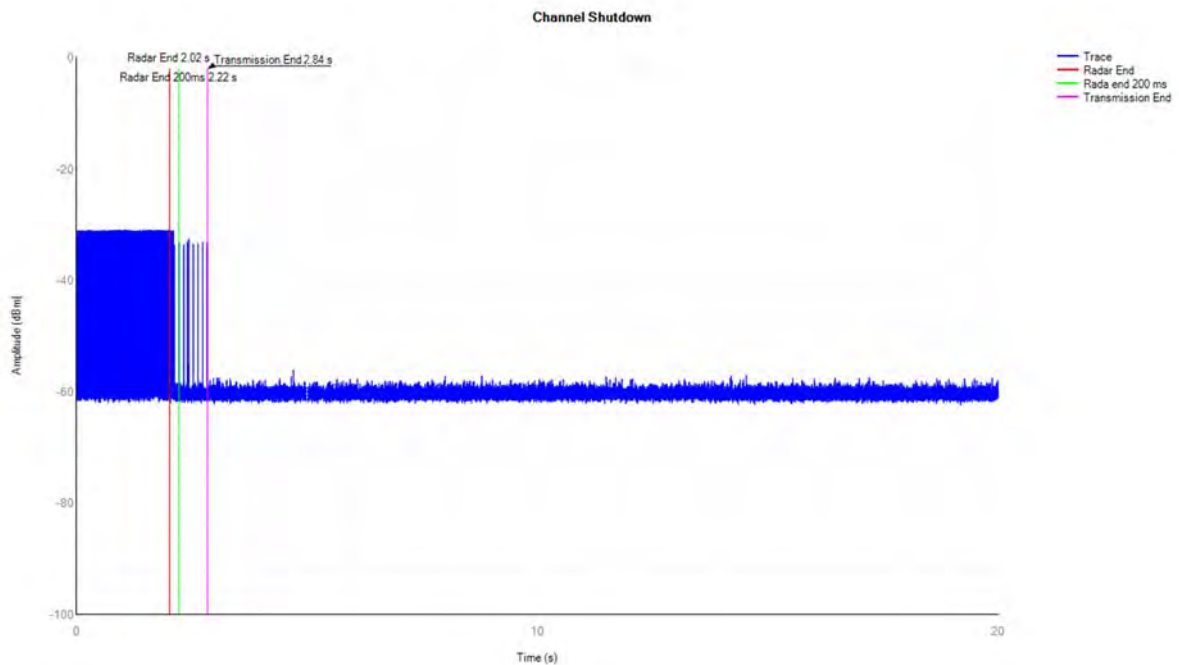
a 5500MHz Shutdown



ac80 5290MHz Shutdown



ac80 5530MHz Shutdown

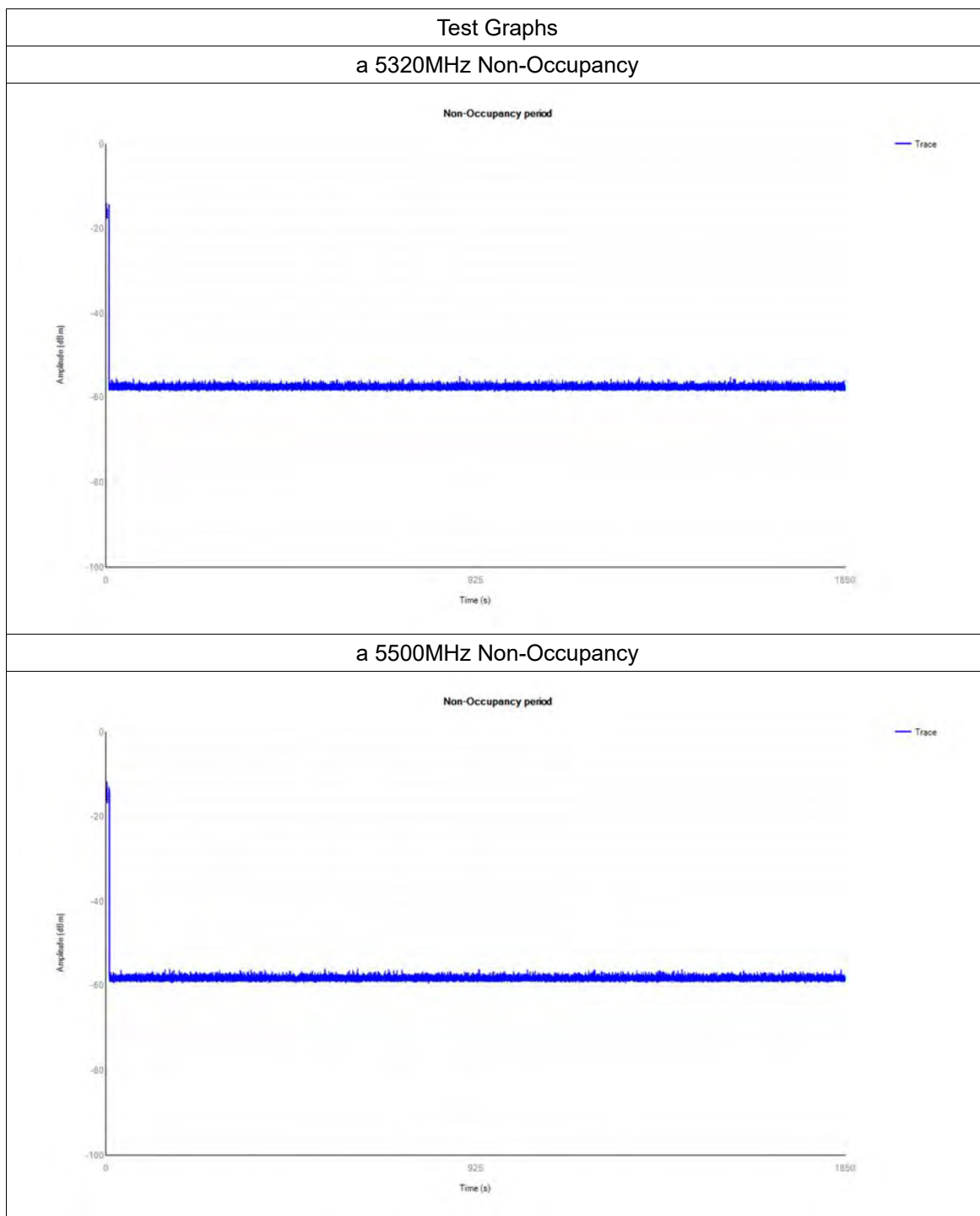


Note: The signal above the noise floor after the radar signal ends is the signal which leaked from other channels that have been moved following the Master device.



Non-Occupancy Period

Mode	Frequency (MHz)	Result	Verdict
a	5320	See test Graph	Pass
a	5500	See test Graph	Pass





A.7. Conducted Emission

The maximum conducted interference is searched using Peak (PK), if the emission levels more than the AV and QP limits, and that have narrow margins from the AV and QP limits will be re-measured with AV and QP detectors. Tests for both L phase and N phase lines of the power mains connected to the EUT are performed. Set RBW=9kHz, VBW=30kHz. Refer to recorded points and plots below.

Note: Both of the test voltage AC 120V/60Hz and AC 230V/50Hz were considered and tested respectively, only the results of the worst case AC 120V/60Hz were recorded in this report.

A. Test Setup:

Test Mode: EUT + Adapter + USB cable + Earphone + WIFI TX

Test voltage: AC 120V/60Hz

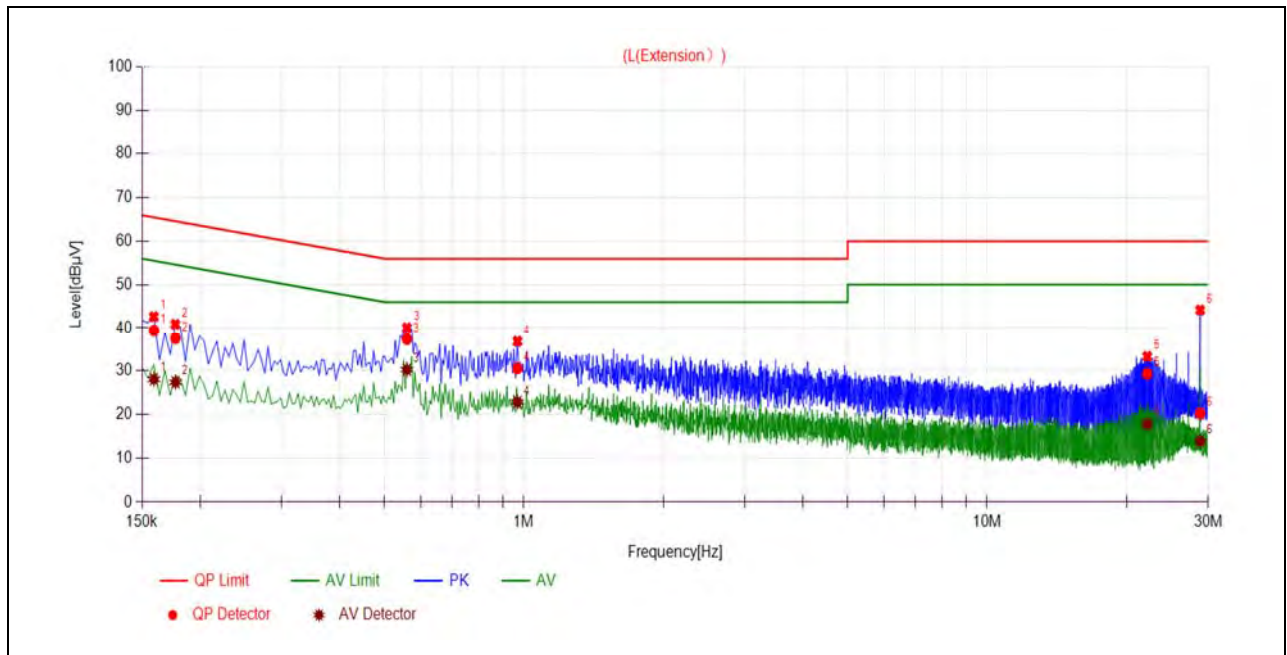
The measurement results are obtained as below:

$$E \text{ [dB}\mu\text{V]} = U_R + L_{\text{Cable loss}} \text{ [dB]} + A_{\text{Factor}}$$

U_R : Receiver Reading

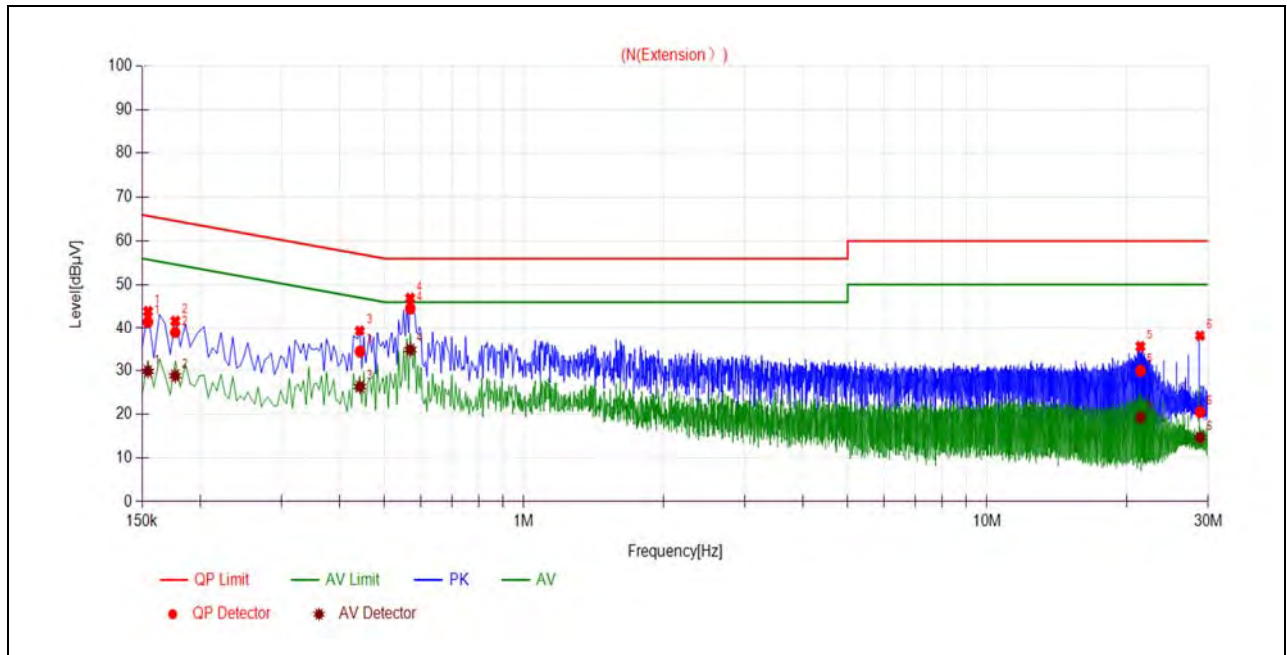
A_{Factor} : Voltage division factor of LISN

B. Test Plot:



(L Phase)

No.	Fre. (MHz)	Emission Level (dBμV)		Limit (dBμV)		Power-line	Verdict
		Quai-peak	Average	Quai-peak	Average		
1	0.1591	39.36	28.06	65.51	55.51	Line	PASS
2	0.1771	37.54	27.37	64.62	54.62		PASS
3	0.5593	37.34	30.26	56.00	46.00		PASS
4	0.9690	30.59	22.86	56.00	46.00		PASS
5	22.1585	29.35	17.78	60.00	50.00		PASS
6	28.8357	20.21	13.84	60.00	50.00		PASS



(N Phase)

No.	Fre. (MHz)	Emission Level (dBμV)		Limit (dBμV)		Power-line	Verdict
		Quai-peak	Average	Quai-peak	Average		
1	0.1544	41.42	29.88	65.76	55.76	Neutral	PASS
2	0.1768	38.91	28.84	64.63	54.63		PASS
3	0.4429	34.41	26.36	57.01	47.01		PASS
4	0.5687	44.52	34.85	56.00	46.00		PASS
5	21.4441	30.01	19.27	60.00	50.00		PASS
6	28.8253	20.50	14.59	60.00	50.00		PASS



A.8. Restricted Frequency Bands

The lowest and highest channels are tested to verify the Restricted Frequency Bands.

The measurement results are obtained as below:

$$E \text{ [dB}\mu\text{V/m]} = U_R + A_T + A_{\text{Factor}} \text{ [dB]}; A_T = L_{\text{Cable loss}} \text{ [dB]} - G_{\text{preamp}} \text{ [dB]}$$

A_T : Total correction Factor except Antenna

U_R : Receiver Reading

G_{preamp} : Preamplifier Gain

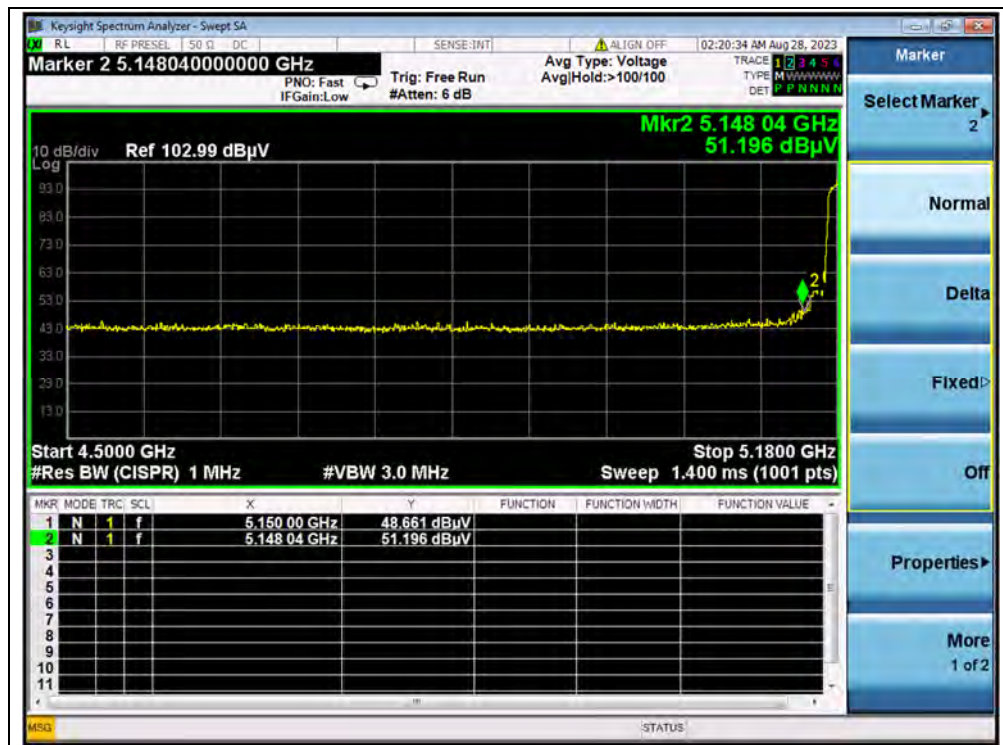
A_{Factor} : Antenna Factor at 3m

Note 1: Restricted Frequency Bands were performed when antenna was at vertical and horizontal polarity, and only the worse test condition (vertical) was recorded in this test report.

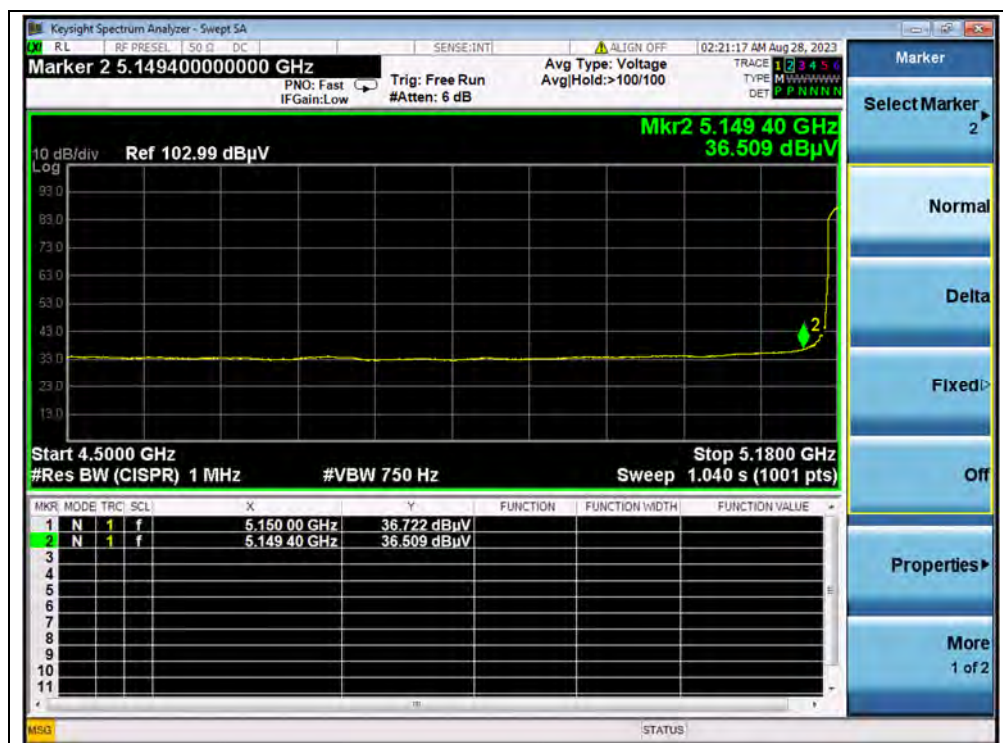
Note 2 All test modes and bandwidth were considered and evaluated respectively by performing full test, only the worst data were recorded for each bandwidth.

802.11a Mode

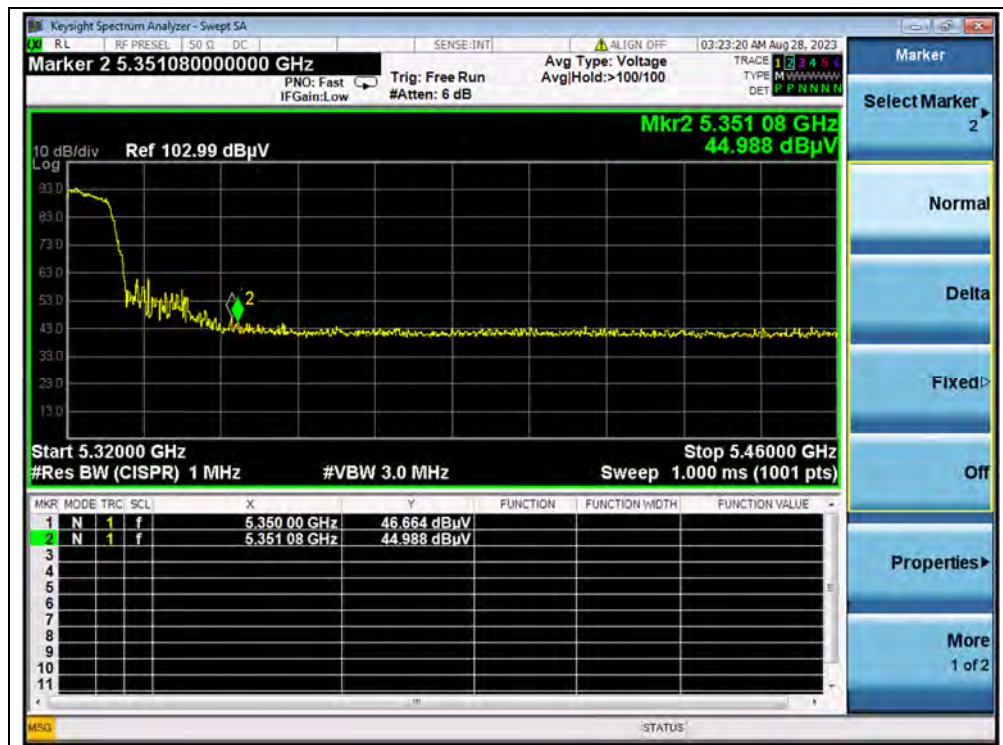
Channel	Frequency (MHz)	Detector	Receiver Reading	A _T (dB)	A _{Factor} (dB@3m)	Max. Emission	Limit (dBμV/m)	Verdict
		PK/ AV	U _R (dBμV)			E (dBμV/m)		
36	5148.04	PK	51.20	-19.54	32.20	63.86	74	PASS
36	5150.00	AV	36.72	-19.54	32.20	49.38	54	PASS
64	5350.00	PK	46.66	-18.80	32.20	60.06	74	PASS
64	5351.64	AV	34.69	-18.80	32.20	48.09	54	PASS
100	5468.69	PK	49.14	-19.20	32.20	62.14	68.23	PASS
100	5100.98	AV	34.47	-19.20	32.20	47.47	54	PASS
144	5727.00	PK	48.62	-19.20	32.20	61.62	68.23	PASS
149	5725.00	PK	56.63	-19.01	32.20	69.82	122.23	PASS
165	5850.00	PK	49.44	-19.01	32.20	62.63	122.23	PASS



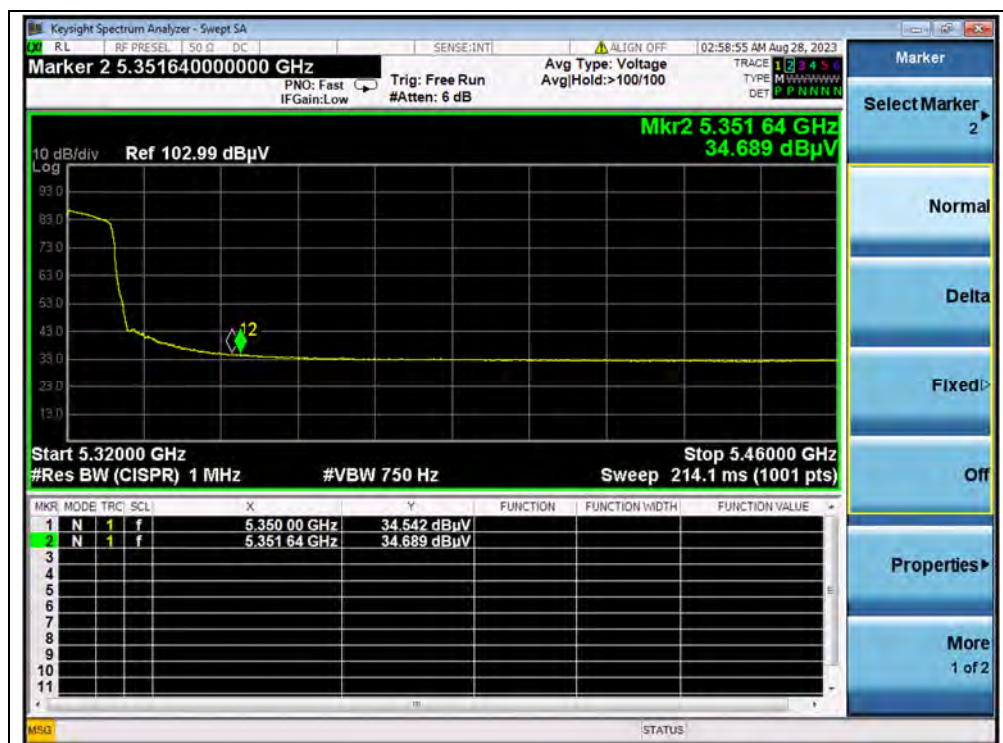
(PEAK, Channel 36, 802.11a)



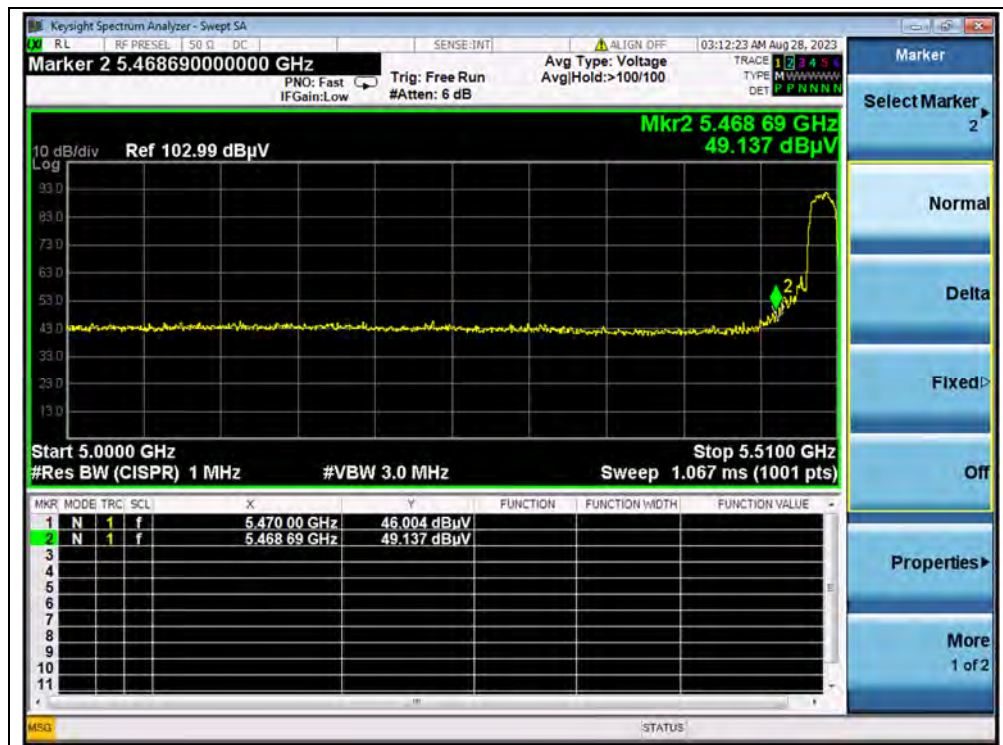
(AVERAGE, Channel 36, 802.11a)



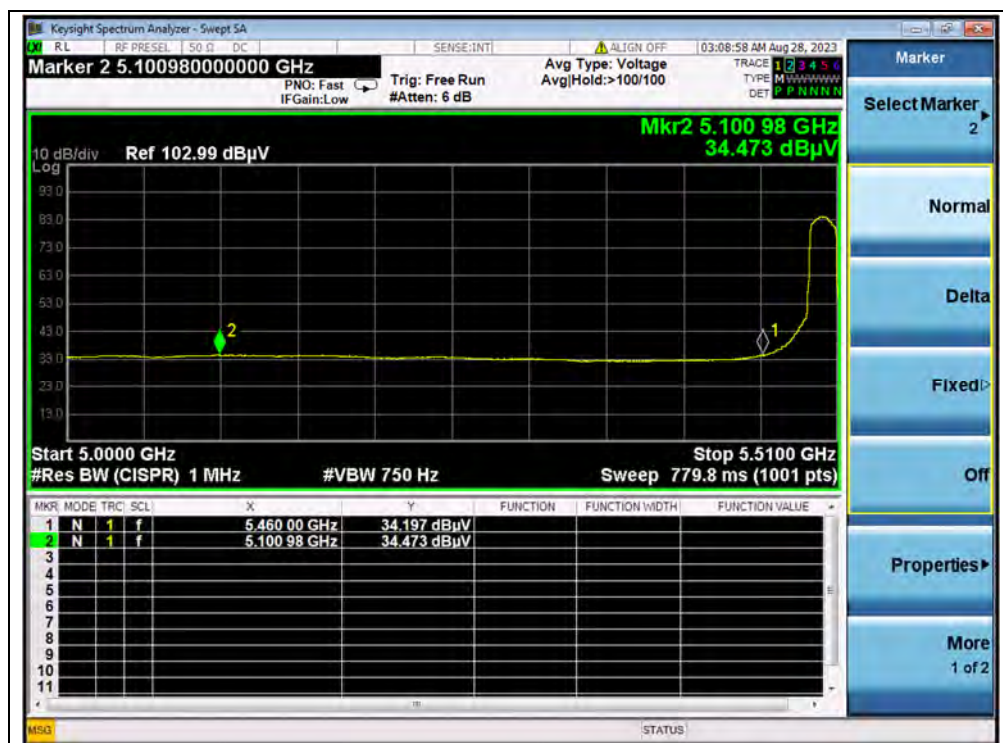
(PEAK, Channel 64, 802.11a)



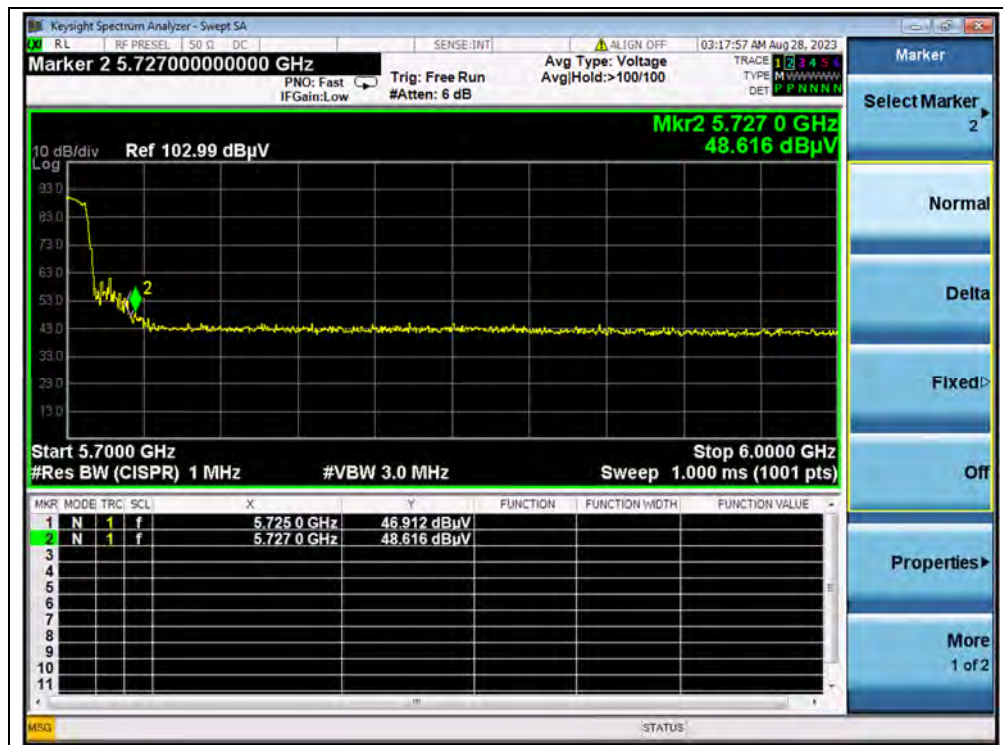
(AVERAGE, Channel 64, 802.11a)



(PEAK, Channel 100, 802.11a)



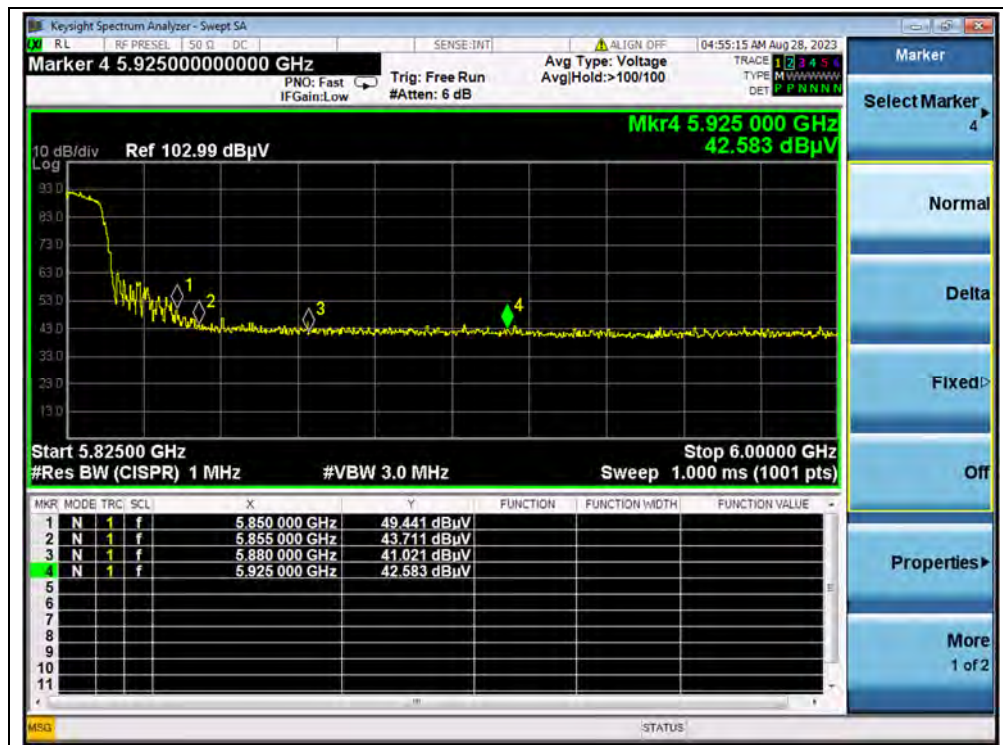
(AVERAGE, Channel 100, 802.11a)



(PEAK, Channel 144, 802.11a)



(PEAK, Channel 149, 802.11a)

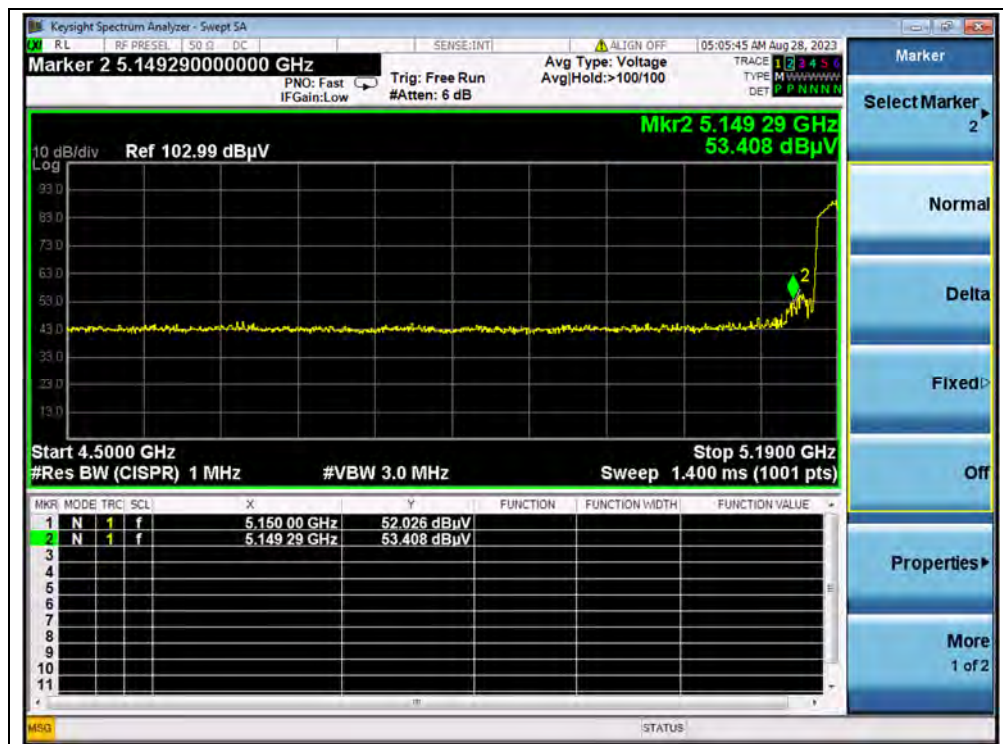


(PEAK, Channel 165, 802.11a)

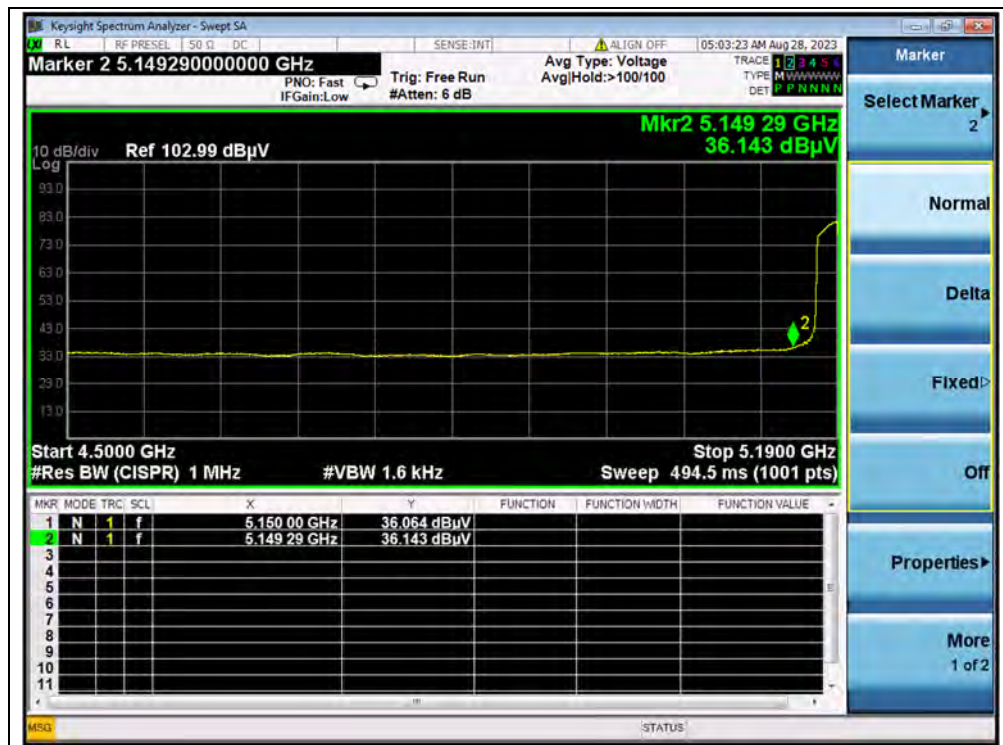


802.11n (HT40) Mode

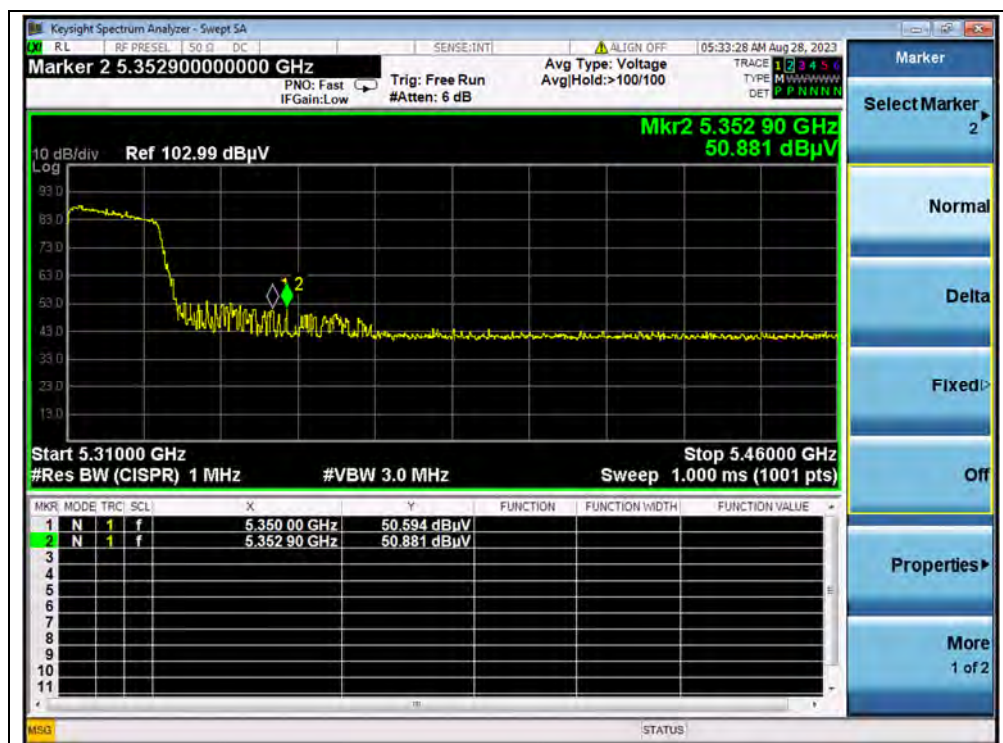
Channel	Frequency (MHz)	Detector	Receiver Reading U_R (dBμV)	A_T (dB)	A_{Factor} (dB@3m)	Max. Emission E (dBμV/m)	Limit (dBμV/m)	Verdict
		PK/ AV						
38	5149.29	PK	53.41	-19.54	32.20	66.07	74	PASS
38	5149.29	AV	36.14	-19.54	32.20	48.80	54	PASS
62	5352.90	PK	50.88	-18.80	32.20	64.28	74	PASS
62	5353.65	AV	34.54	-18.80	32.20	47.94	54	PASS
102	5469.20	PK	50.55	-19.20	32.20	63.55	68.23	PASS
102	5096.90	AV	34.95	-19.20	32.20	47.95	54	PASS
142	5775.93	PK	44.97	-19.20	32.20	57.97	68.23	PASS
151	5720.00	PK	45.31	-19.01	32.20	58.50	110.83	PASS
159	5850.00	PK	44.87	-19.01	32.20	58.06	122.23	PASS



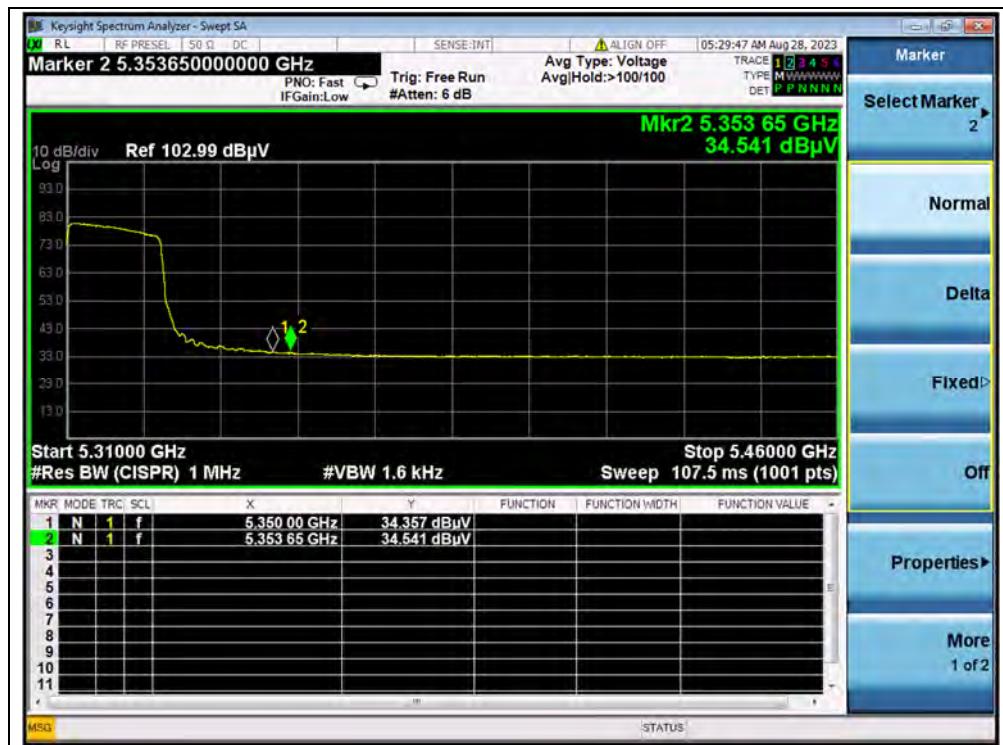
(PEAK, Channel 38, 802.11n (HT40))



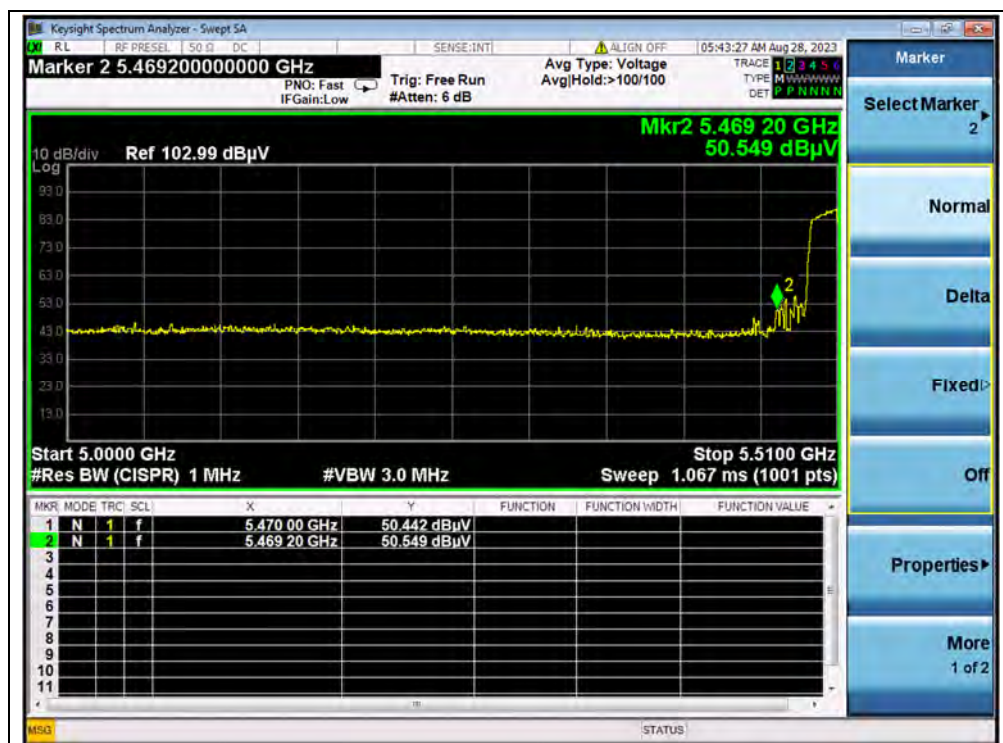
(AVERAGE, Channel 38, 802.11n (HT40))



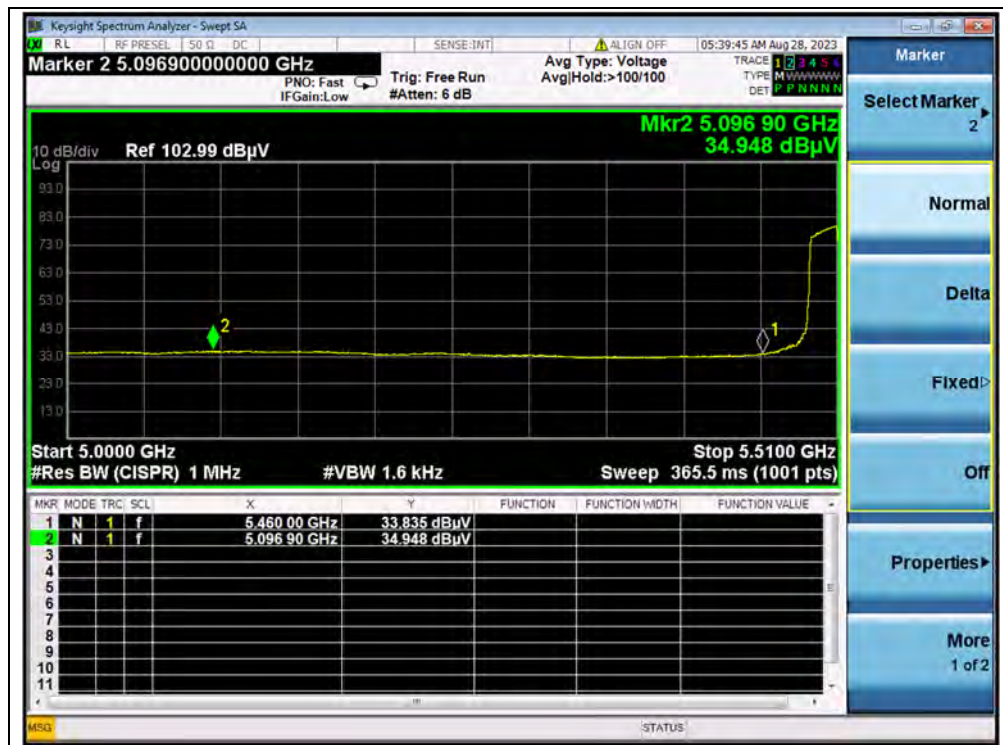
(PEAK, Channel 62, 802.11n (HT40))



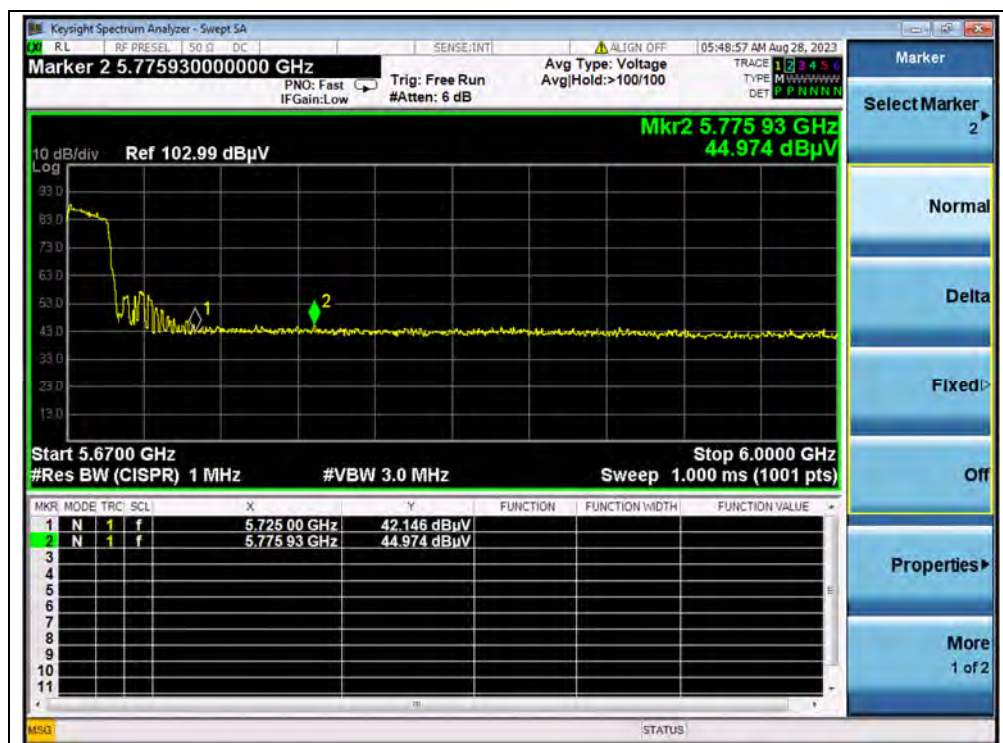
(AVERAGE, Channel 62, 802.11n (HT40))



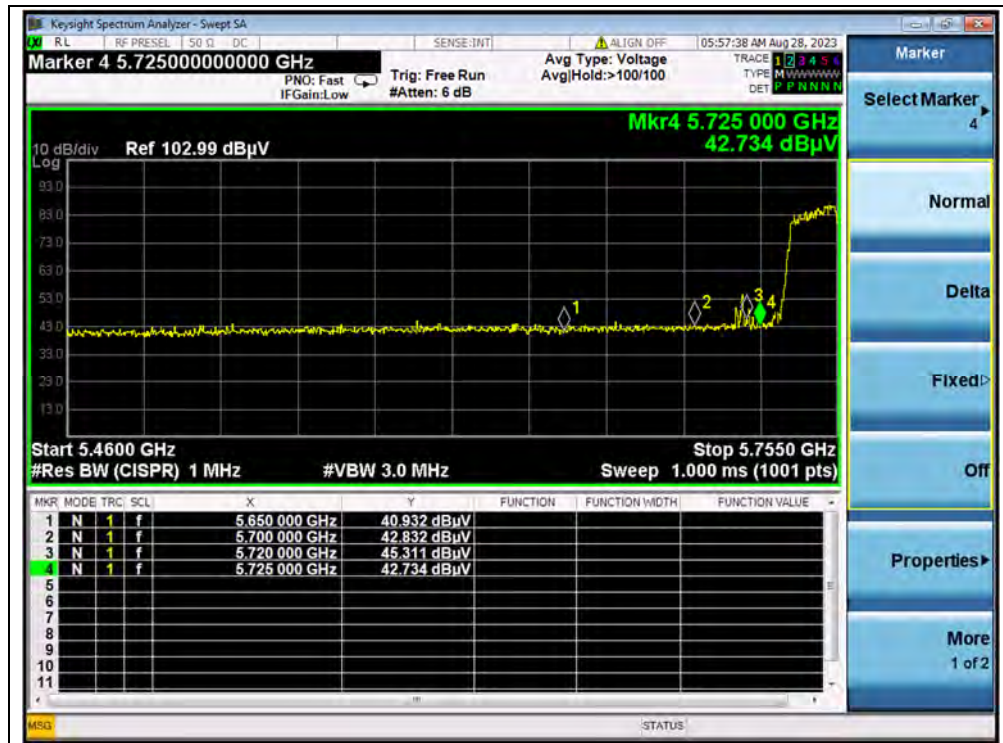
(PEAK, Channel 102, 802.11n (HT40))



(AVERAGE, Channel 102, 802.11n (HT40))



(PEAK, Channel 142, 802.11n (HT40))



(PEAK, Channel 151, 802.11n (HT40))

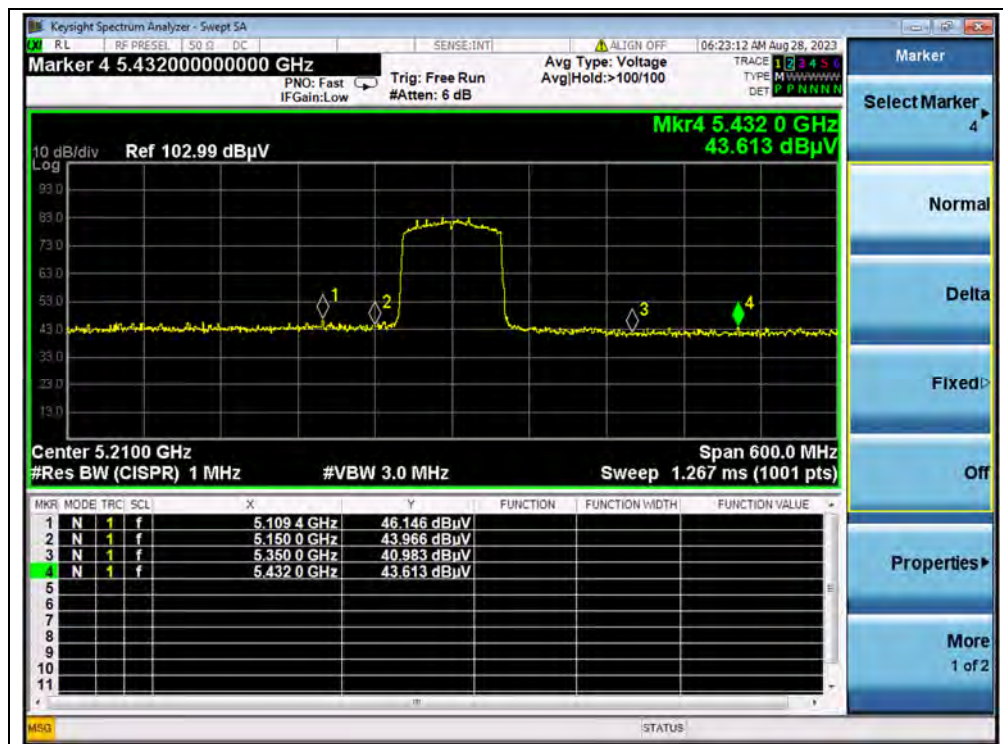


(PEAK, Channel 159, 802.11n (HT40))

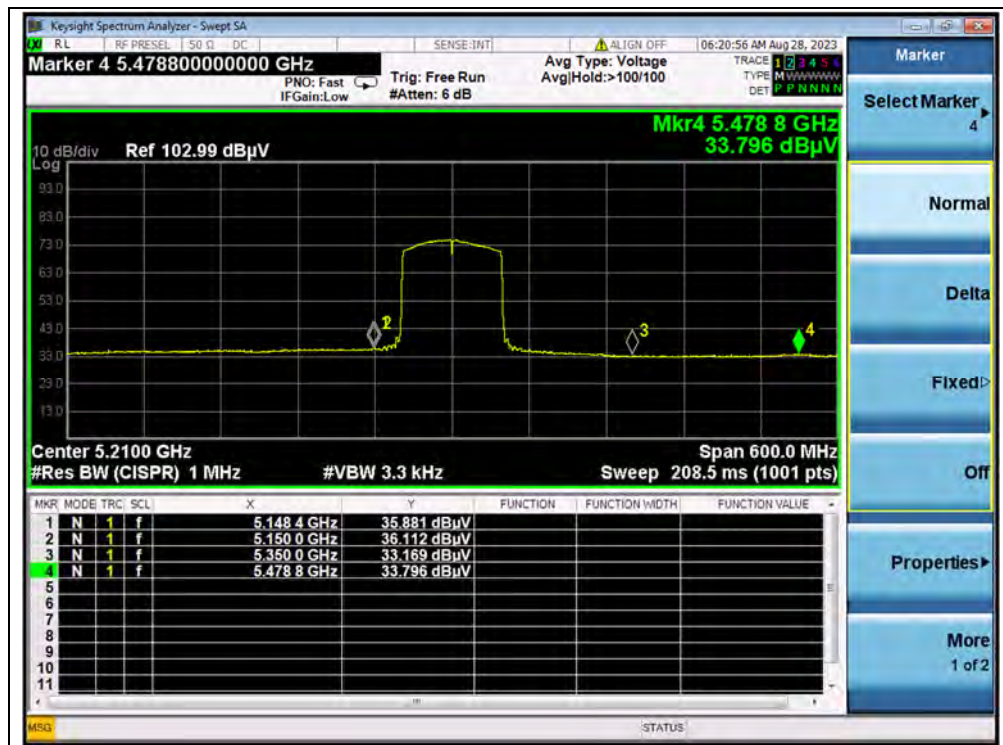


802.11ac (VHT80) Mode

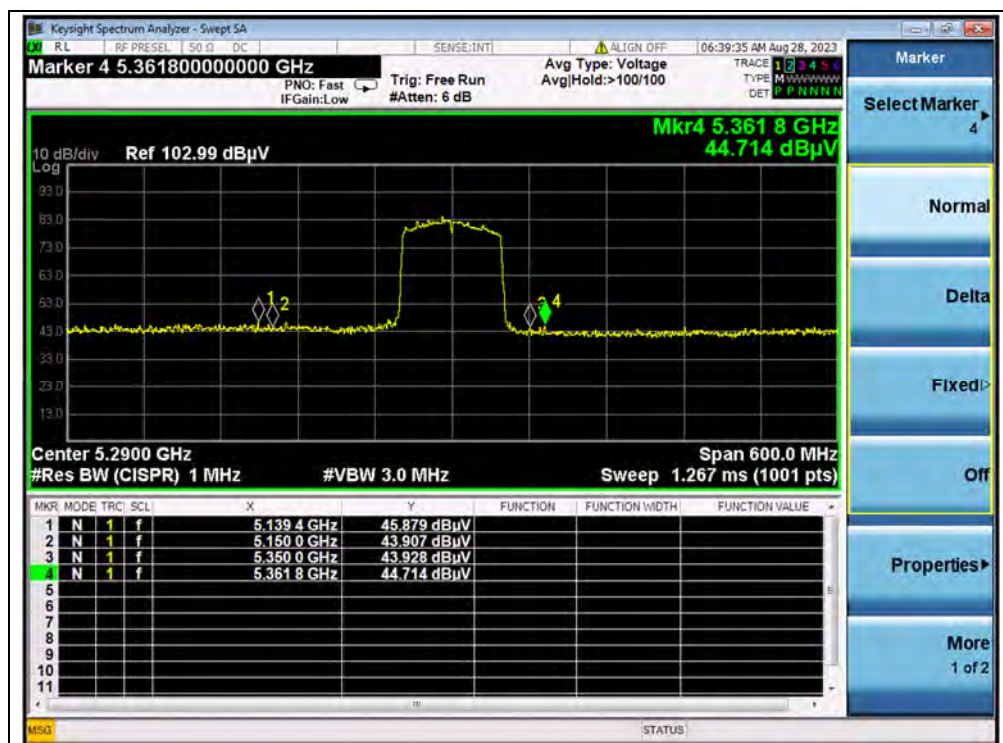
Channel	Frequency (MHz)	Detector	Receiver Reading U_R (dB μ V)	A_T (dB)	A_{Factor} (dB@3m)	Max. Emission E (dB μ V/m)	Limit (dB μ V/m)	Verdict
		PK/ AV						
42	5109.40	PK	46.15	-19.54	32.20	58.81	74	PASS
42	5150.00	AV	36.11	-19.54	32.20	48.77	54	PASS
58	5139.40	PK	45.88	-18.80	32.20	59.28	74	PASS
58	5104.60	AV	35.81	-18.80	32.20	49.21	54	PASS
106	5098.58	PK	45.90	-19.20	32.20	58.90	74	PASS
106	5142.57	AV	35.64	-19.20	32.20	48.64	54	PASS
138	5843.61	PK	45.24	-19.20	32.20	58.24	68.23	PASS
155	5725.00	PK	47.70	-19.01	32.20	60.89	122.23	PASS
155	5855.00	PK	43.60	-19.01	32.20	56.79	110.83	PASS



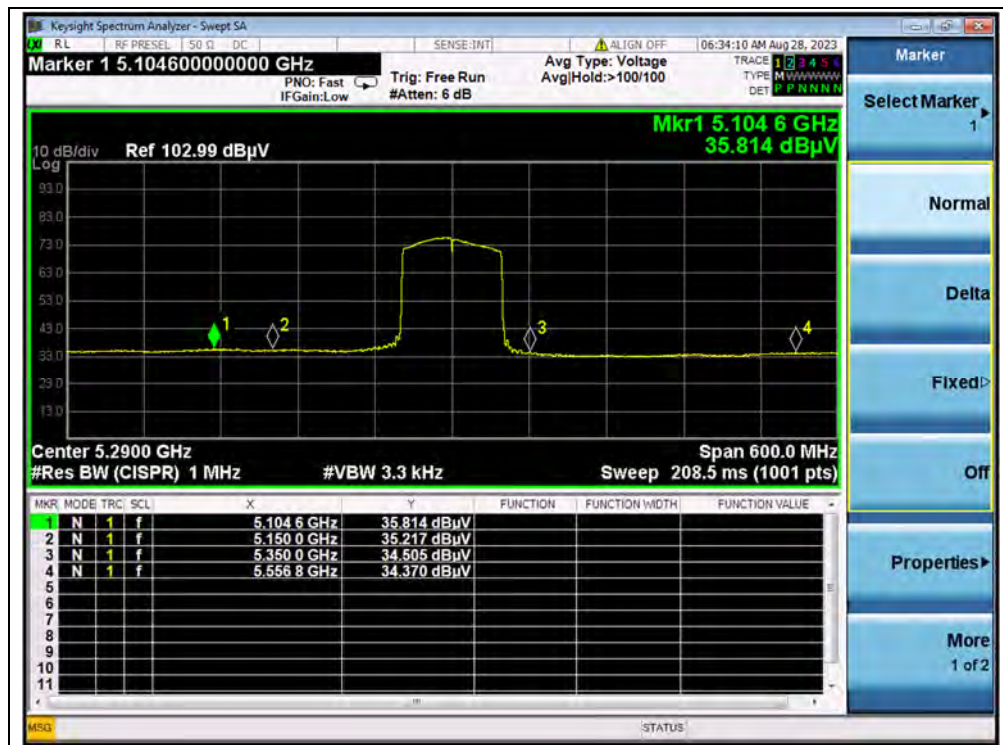
(PEAK, Channel 42, 802.11ac (VHT80))



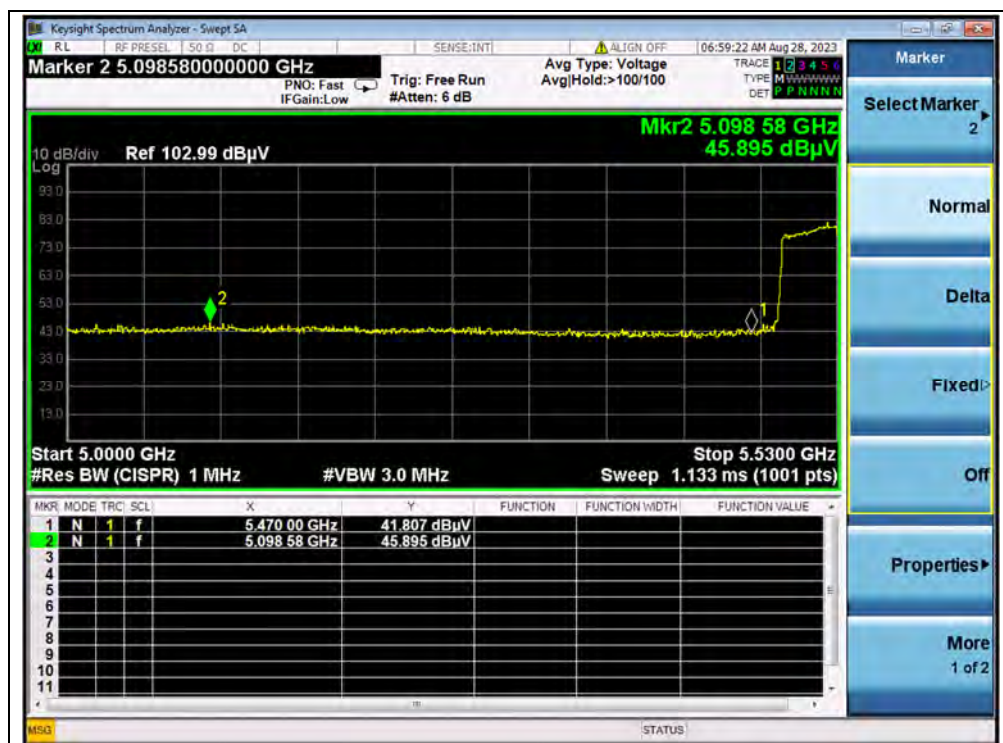
(AVERAGE, Channel 42, 802.11ac (VHT80))



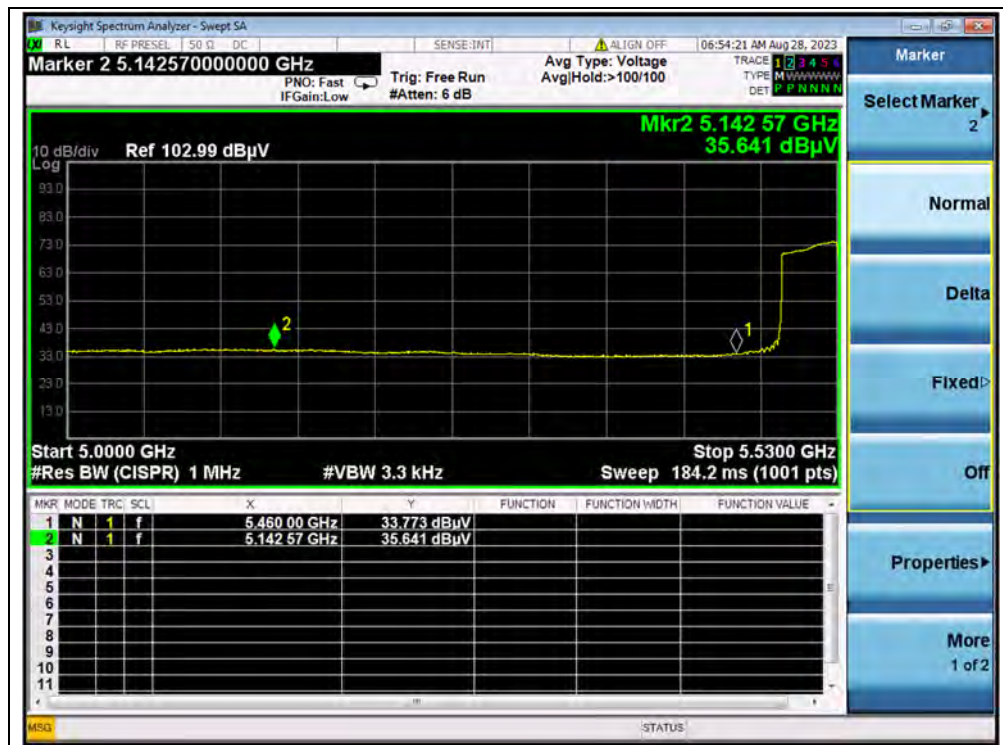
(PEAK, Channel 58, 802.11ac (VHT80))



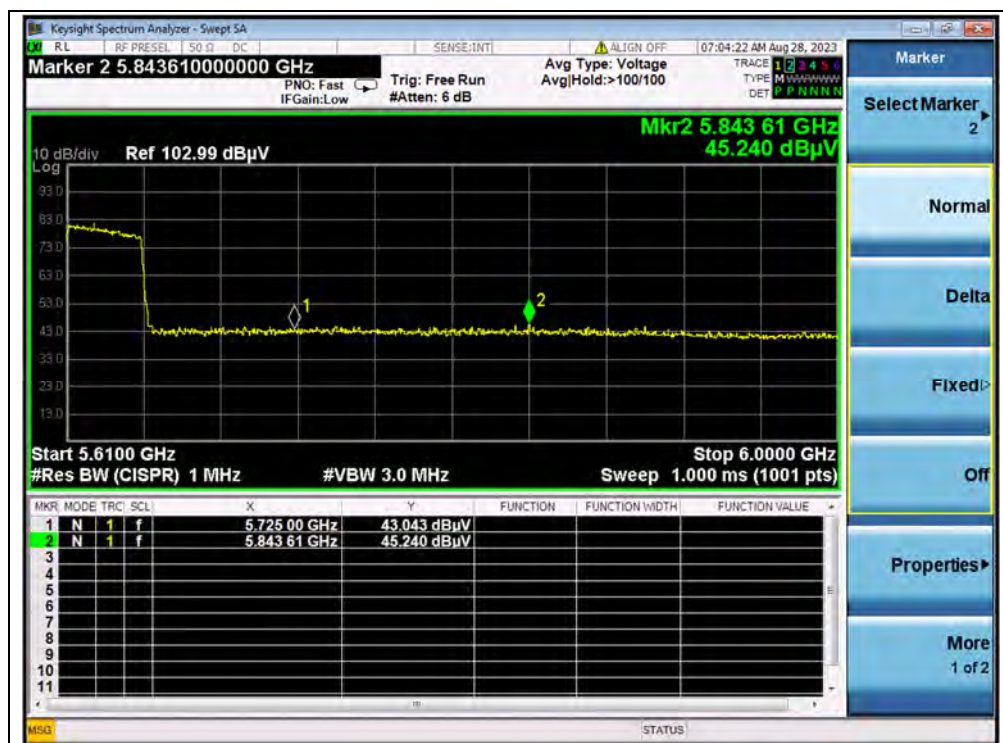
(AVERAGE, Channel 58, 802.11ac (VHT80))



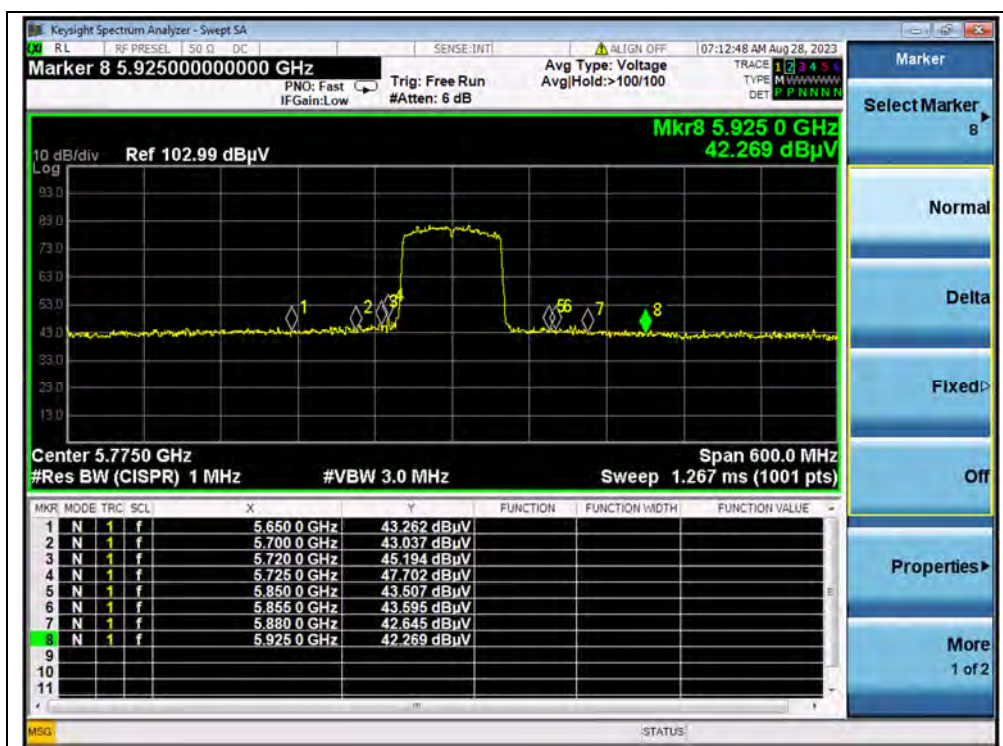
(PEAK, Channel 106, 802.11ac (VHT80))



(AVERAGE, Channel 106, 802.11ac (VHT80))



(PEAK, Channel 138, 802.11ac (VHT80))



(PEAK, Channel 155, 802.11ac (VHT80))



A.9. Radiated Emission

According to ANSI C63.10, because of peak detection will yield amplitudes equal to or greater than amplitudes measured with the quasi-peak (or average) detector, the measurement data from a spectrum analyzer peak detector will represent the worst-case results, if the peak measured value complies with the quasi-peak (or average) limit, it is unnecessary to perform an quasi-peak measurement (or average).

The measurement results are obtained as below:

$$E [\text{dB}\mu\text{V/m}] = U_R + A_T + A_{\text{Factor}} [\text{dB}]; A_T = L_{\text{Cable loss}} [\text{dB}] - G_{\text{preamp}} [\text{dB}]$$

A_T : Total correction Factor except Antenna

U_R : Receiver Reading

G_{preamp} : Preamplifier Gain

A_{Factor} : Antenna Factor at 3m

During the test, the total correction Factor A_T and A_{Factor} were built in test software.

Note1: All radiated emission tests were performed in X, Y, Z axis direction. And only the worst axis test condition was recorded in this test report.

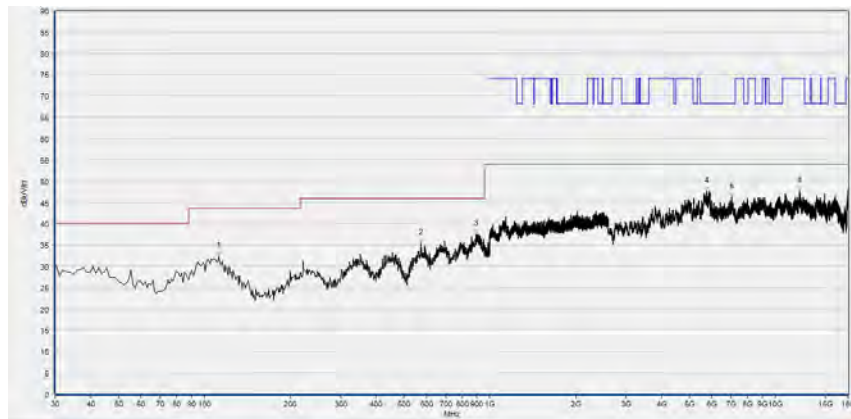
Note2: For the frequency, which started from 9kHz to 30MHz, was pre-scanned and the result which was 20dB lower than the limit was not recorded.

Note3: For the frequency, which started from 18GHz to 10th harmonic of the highest frequency, was pre-scanned and the result which was 20dB lower than the limit was not recorded.

Note 4: All test modes and bandwidth were considered and evaluated respectively by performing full test, only the worst data were recorded for each bandwidth.

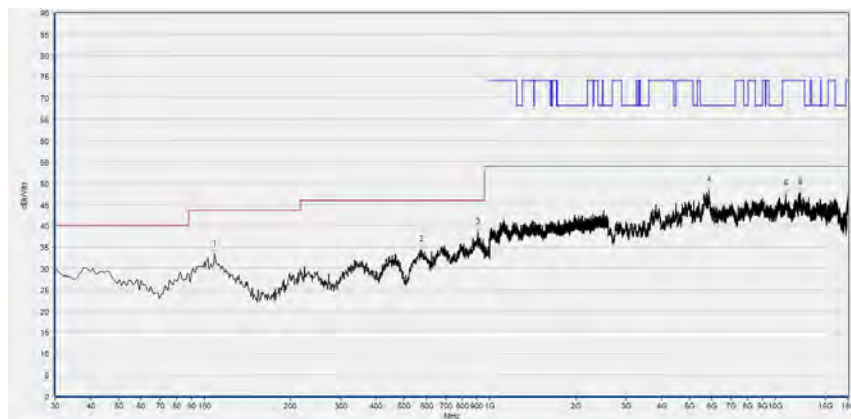
**802.11a Mode**

Plot for Channel 36



Fre. (MHz)	PK (dBμV/m)	QP (dBμV/m)	AV (dBμV/m)	Limit-PK (dBμV/m)	Limit-QP (dBμV/m)	Limit-AV (dBμV/m)	Antenna	Verdict
112.450	32.36	N/A	N/A	N/A	43.50	N/A	Horizontal	PASS
573.200	35.38	N/A	N/A	N/A	46.00	N/A	Horizontal	PASS
893.300	37.47	N/A	N/A	N/A	46.00	N/A	Horizontal	PASS
5760.080	47.55	N/A	N/A	68.23	N/A	N/A	Horizontal	PASS
7053.680	46.18	N/A	N/A	68.23	N/A	N/A	Horizontal	PASS
12197.280	47.70	N/A	N/A	74.00	N/A	54.00	Horizontal	PASS

(Antenna Horizontal, 30MHz to 18GHz)

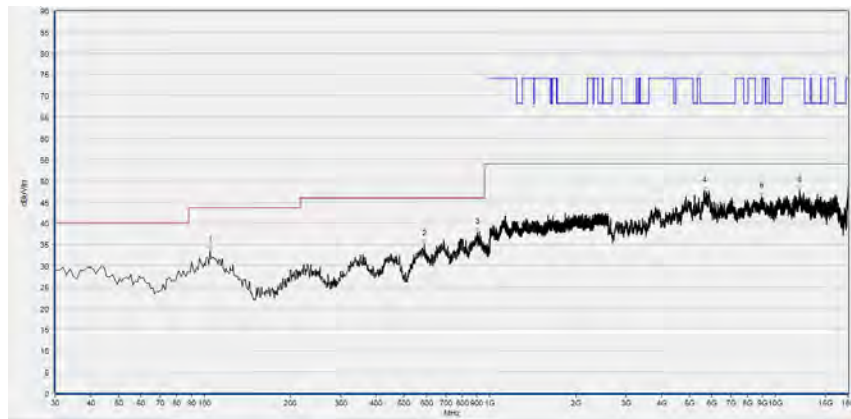


Fre. (MHz)	PK (dBμV/m)	QP (dBμV/m)	AV (dBμV/m)	Limit-PK (dBμV/m)	Limit-QP (dBμV/m)	Limit-AV (dBμV/m)	Antenna	Verdict
108.570	33.39	N/A	N/A	N/A	43.50	N/A	Vertical	PASS
577.080	34.28	N/A	N/A	N/A	46.00	N/A	Vertical	PASS
907.850	38.30	N/A	N/A	N/A	46.00	N/A	Vertical	PASS
5855.560	48.23	N/A	N/A	68.23	N/A	N/A	Vertical	PASS
10894.440	47.37	N/A	N/A	74.00	N/A	54.00	Vertical	PASS
12203.440	47.79	N/A	N/A	74.00	N/A	54.00	Vertical	PASS

(Antenna Vertical, 30MHz to 18GHz)

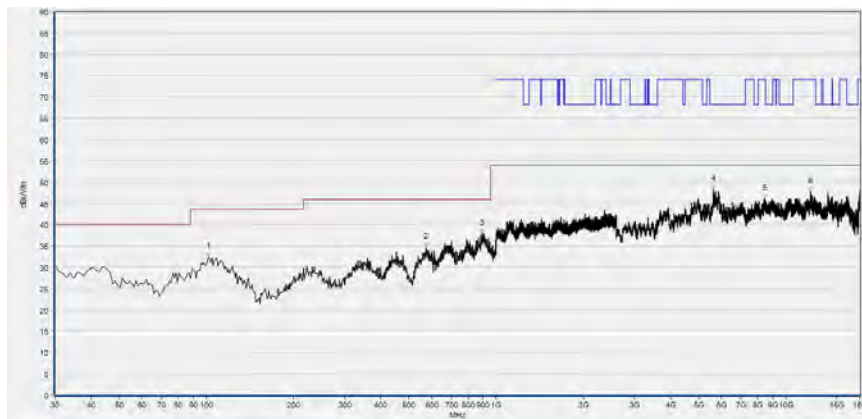


Plot for Channel 44



Fre. (MHz)	PK (dBμV/m)	QP (dBμV/m)	AV (dBμV/m)	Limit-PK (dBμV/m)	Limit-QP (dBμV/m)	Limit-AV (dBμV/m)	Antenna	Verdict
104.690	33.51	N/A	N/A	N/A	43.50	N/A	Horizontal	PASS
588.720	35.09	N/A	N/A	N/A	46.00	N/A	Horizontal	PASS
903.000	37.85	N/A	N/A	N/A	46.00	N/A	Horizontal	PASS
5658.440	47.62	N/A	N/A	68.23	N/A	N/A	Horizontal	PASS
8981.760	46.19	N/A	N/A	68.23	N/A	N/A	Horizontal	PASS
12163.400	47.71	N/A	N/A	74.00	N/A	54.00	Horizontal	PASS

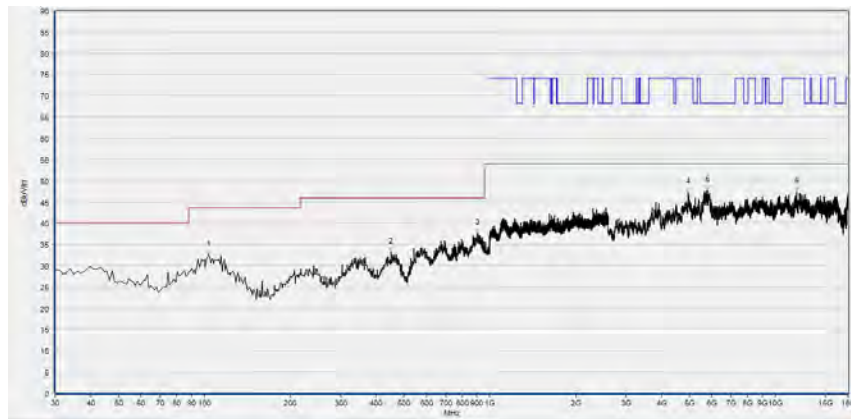
(Antenna Horizontal, 30MHz to 18GHz)



Fre. (MHz)	PK (dBμV/m)	QP (dBμV/m)	AV (dBμV/m)	Limit-PK (dBμV/m)	Limit-QP (dBμV/m)	Limit-AV (dBμV/m)	Antenna	Verdict
101.780	32.41	N/A	N/A	N/A	43.50	N/A	Vertical	PASS
573.200	34.73	N/A	N/A	N/A	46.00	N/A	Vertical	PASS
894.270	37.82	N/A	N/A	N/A	46.00	N/A	Vertical	PASS
5630.720	48.27	N/A	N/A	68.23	N/A	N/A	Vertical	PASS
8464.320	46.11	N/A	N/A	74.00	N/A	54.00	Vertical	PASS
12135.680	47.69	N/A	N/A	74.00	N/A	54.00	Vertical	PASS

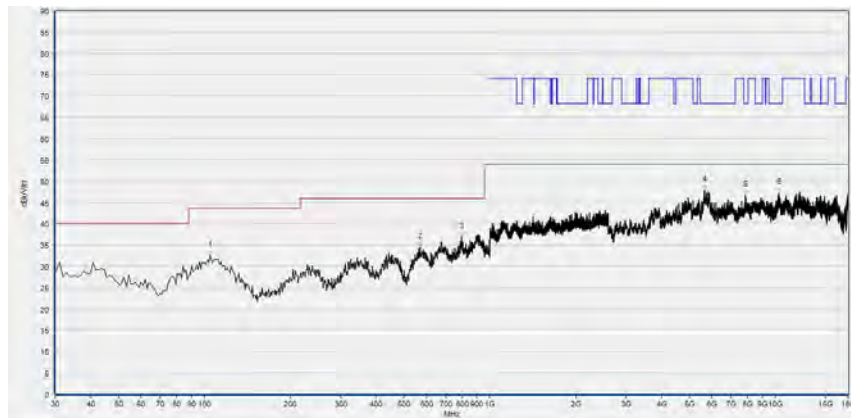
(Antenna Vertical, 30MHz to 18GHz)

Plot for Channel 48



Fre. (MHz)	PK (dBμV/m)	QP (dBμV/m)	AV (dBμV/m)	Limit-PK (dBμV/m)	Limit-QP (dBμV/m)	Limit-AV (dBμV/m)	Antenna	Verdict
103.720	32.43	N/A	N/A	N/A	43.50	N/A	Horizontal	PASS
450.980	33.13	N/A	N/A	N/A	46.00	N/A	Horizontal	PASS
905.910	37.77	N/A	N/A	N/A	46.00	N/A	Horizontal	PASS
4953.120	47.29	N/A	N/A	74.00	N/A	54.00	Horizontal	PASS
5781.640	47.77	N/A	N/A	68.23	N/A	N/A	Horizontal	PASS
11876.960	47.44	N/A	N/A	74.00	N/A	54.00	Horizontal	PASS

(Antenna Horizontal, 30MHz to 18GHz)

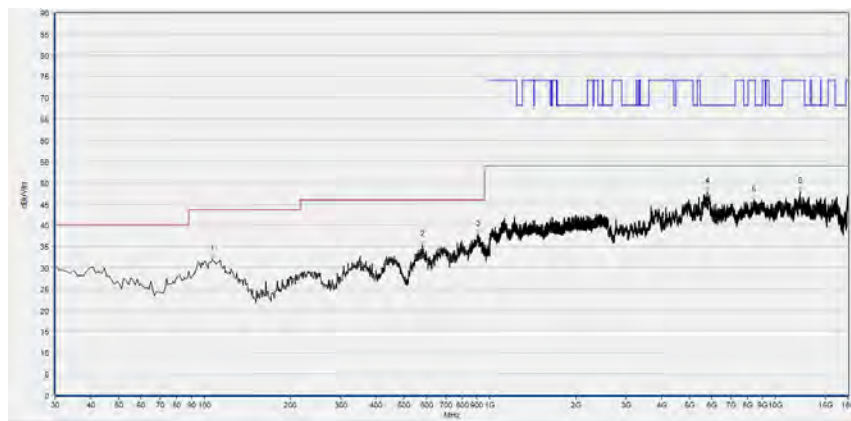


Fre. (MHz)	PK (dBμV/m)	QP (dBμV/m)	AV (dBμV/m)	Limit-PK (dBμV/m)	Limit-QP (dBμV/m)	Limit-AV (dBμV/m)	Antenna	Verdict
104.690	32.48	N/A	N/A	N/A	43.50	N/A	Vertical	PASS
570.290	34.48	N/A	N/A	N/A	46.00	N/A	Vertical	PASS
796.300	36.84	N/A	N/A	N/A	46.00	N/A	Vertical	PASS
5646.120	47.85	N/A	N/A	68.23	N/A	N/A	Vertical	PASS
7860.640	46.73	N/A	N/A	68.23	N/A	N/A	Vertical	PASS
10269.200	47.18	N/A	N/A	68.23	N/A	N/A	Vertical	PASS

(Antenna Vertical, 30MHz to 18GHz)

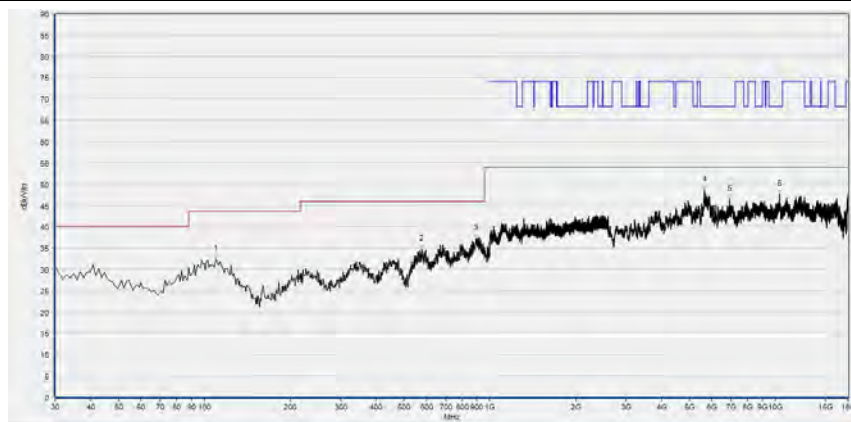


Plot for Channel 52



Fre. (MHz)	PK (dBμV/m)	QP (dBμV/m)	AV (dBμV/m)	Limit-PK (dBμV/m)	Limit-QP (dBμV/m)	Limit-AV (dBμV/m)	Antenna	Verdict
106.630	32.04	N/A	N/A	N/A	43.50	N/A	Horizontal	PASS
580.960	35.30	N/A	N/A	N/A	46.00	N/A	Horizontal	PASS
909.790	37.92	N/A	N/A	N/A	46.00	N/A	Horizontal	PASS
5775.480	47.89	N/A	N/A	68.23	N/A	N/A	Horizontal	PASS
8418.120	45.86	N/A	N/A	74.00	N/A	54.00	Horizontal	PASS
12200.360	47.90	N/A	N/A	74.00	N/A	54.00	Horizontal	PASS

(Antenna Horizontal, 30MHz to 18GHz)

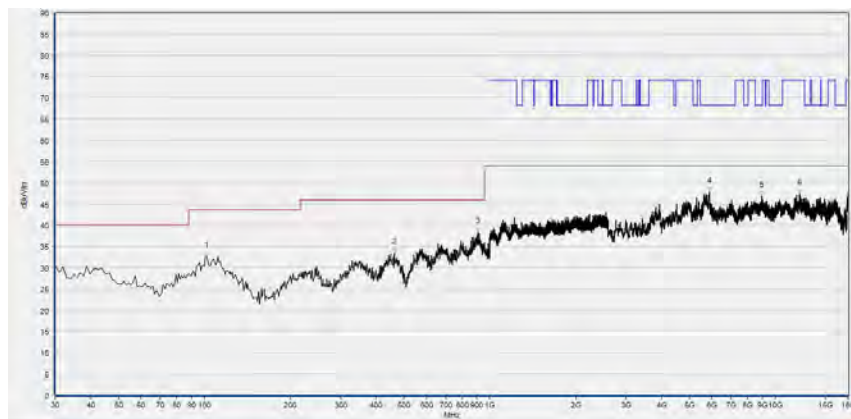


Fre. (MHz)	PK (dBμV/m)	QP (dBμV/m)	AV (dBμV/m)	Limit-PK (dBμV/m)	Limit-QP (dBμV/m)	Limit-AV (dBμV/m)	Antenna	Verdict
109.540	32.34	N/A	N/A	N/A	43.50	N/A	Vertical	PASS
578.050	34.69	N/A	N/A	N/A	46.00	N/A	Vertical	PASS
895.240	37.27	N/A	N/A	N/A	46.00	N/A	Vertical	PASS
5636.880	48.60	N/A	N/A	68.23	N/A	N/A	Vertical	PASS
6930.480	46.40	N/A	N/A	68.23	N/A	N/A	Vertical	PASS
10346.200	47.57	N/A	N/A	68.23	N/A	N/A	Vertical	PASS

(Antenna Vertical, 30MHz to 18GHz)

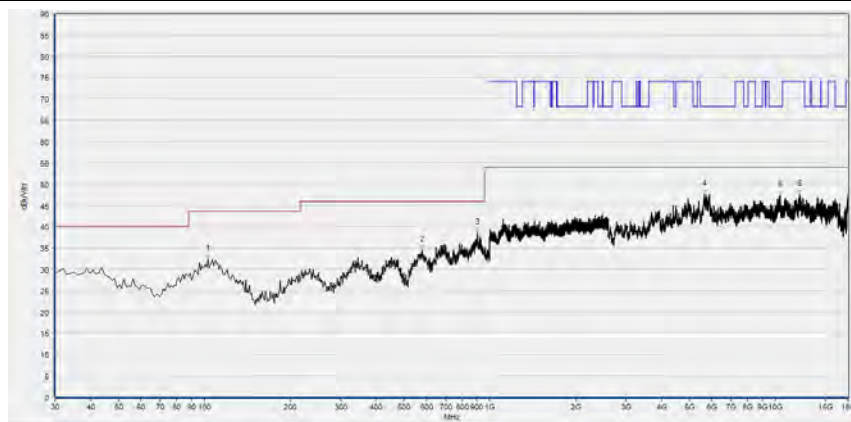


Plot for Channel 60



Fre. (MHz)	PK (dBμV/m)	QP (dBμV/m)	AV (dBμV/m)	Limit-PK (dBμV/m)	Limit-QP (dBμV/m)	Limit-AV (dBμV/m)	Antenna	Verdict
101.780	32.64	N/A	N/A	N/A	43.50	N/A	Horizontal	PASS
462.620	33.54	N/A	N/A	N/A	46.00	N/A	Horizontal	PASS
909.790	38.43	N/A	N/A	N/A	46.00	N/A	Horizontal	PASS
5874.040	47.89	N/A	N/A	68.23	N/A	N/A	Horizontal	PASS
8978.680	46.99	N/A	N/A	68.23	N/A	N/A	Horizontal	PASS
12151.080	47.49	N/A	N/A	74.00	N/A	54.00	Horizontal	PASS

(Antenna Horizontal, 30MHz to 18GHz)

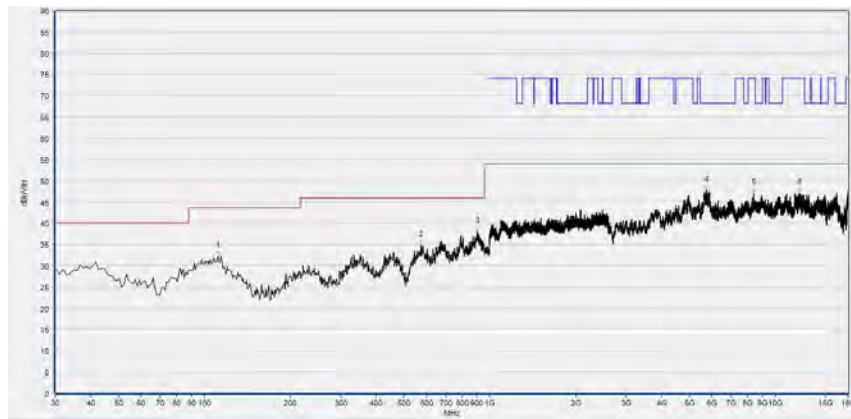


Fre. (MHz)	PK (dBμV/m)	QP (dBμV/m)	AV (dBμV/m)	Limit-PK (dBμV/m)	Limit-QP (dBμV/m)	Limit-AV (dBμV/m)	Antenna	Verdict
102.750	32.31	N/A	N/A	N/A	43.50	N/A	Vertical	PASS
579.990	34.51	N/A	N/A	N/A	46.00	N/A	Vertical	PASS
903.970	38.50	N/A	N/A	N/A	46.00	N/A	Vertical	PASS
5643.040	47.62	N/A	N/A	68.23	N/A	N/A	Vertical	PASS
10417.040	47.49	N/A	N/A	68.23	N/A	N/A	Vertical	PASS
12166.480	47.67	N/A	N/A	74.00	N/A	54.00	Vertical	PASS

(Antenna Vertical, 30MHz to 18GHz)

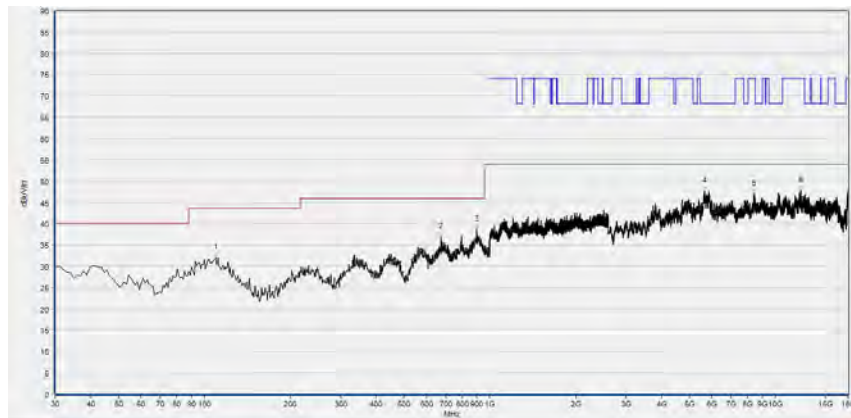


Plot for Channel 64



Fre. (MHz)	PK (dBμV/m)	QP (dBμV/m)	AV (dBμV/m)	Limit-PK (dBμV/m)	Limit-QP (dBμV/m)	Limit-AV (dBμV/m)	Antenna	Verdict
111.480	32.10	N/A	N/A	N/A	43.50	N/A	Horizontal	PASS
573.200	34.87	N/A	N/A	N/A	46.00	N/A	Horizontal	PASS
904.940	38.12	N/A	N/A	N/A	46.00	N/A	Horizontal	PASS
5750.840	47.81	N/A	N/A	68.23	N/A	N/A	Horizontal	PASS
8427.360	47.03	N/A	N/A	74.00	N/A	54.00	Horizontal	PASS
12144.920	47.10	N/A	N/A	74.00	N/A	54.00	Horizontal	PASS

(Antenna Horizontal, 30MHz to 18GHz)

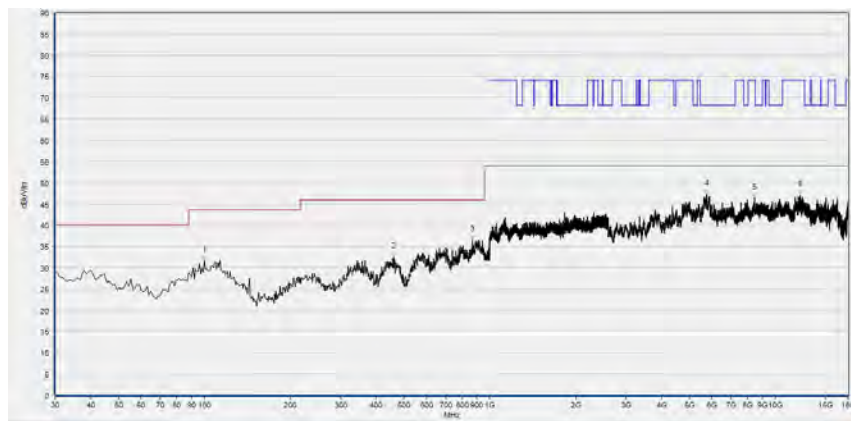


Fre. (MHz)	PK (dBμV/m)	QP (dBμV/m)	AV (dBμV/m)	Limit-PK (dBμV/m)	Limit-QP (dBμV/m)	Limit-AV (dBμV/m)	Antenna	Verdict
109.540	31.95	N/A	N/A	N/A	43.50	N/A	Vertical	PASS
675.050	36.95	N/A	N/A	N/A	46.00	N/A	Vertical	PASS
898.150	38.61	N/A	N/A	N/A	46.00	N/A	Vertical	PASS
5639.960	47.65	N/A	N/A	68.23	N/A	N/A	Vertical	PASS
8424.280	46.86	N/A	N/A	74.00	N/A	54.00	Vertical	PASS
12289.680	47.76	N/A	N/A	74.00	N/A	54.00	Vertical	PASS

(Antenna Vertical, 30MHz to 18GHz)

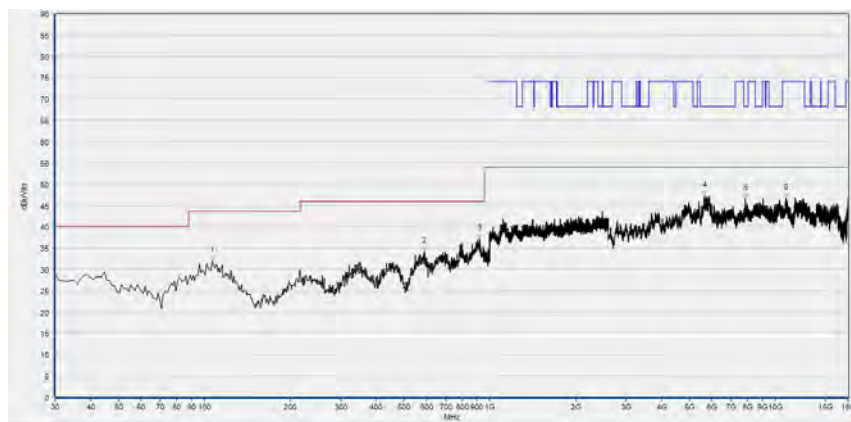


Plot for Channel 100



Fre. (MHz)	PK (dBμV/m)	QP (dBμV/m)	AV (dBμV/m)	Limit-PK (dBμV/m)	Limit-QP (dBμV/m)	Limit-AV (dBμV/m)	Antenna	Verdict
99.840	31.62	N/A	N/A	N/A	43.50	N/A	Horizontal	PASS
461.650	32.50	N/A	N/A	N/A	46.00	N/A	Horizontal	PASS
870.990	36.51	N/A	N/A	N/A	46.00	N/A	Horizontal	PASS
5735.440	47.19	N/A	N/A	68.23	N/A	N/A	Horizontal	PASS
8452.000	46.43	N/A	N/A	74.00	N/A	54.00	Horizontal	PASS
12212.680	47.03	N/A	N/A	74.00	N/A	54.00	Horizontal	PASS

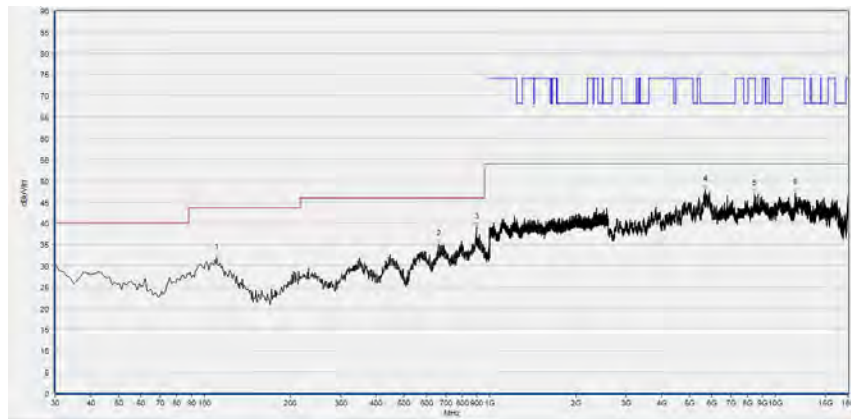
(Antenna Horizontal, 30MHz to 18GHz)



Fre. (MHz)	PK (dBμV/m)	QP (dBμV/m)	AV (dBμV/m)	Limit-PK (dBμV/m)	Limit-QP (dBμV/m)	Limit-AV (dBμV/m)	Antenna	Verdict
106.630	32.09	N/A	N/A	N/A	43.50	N/A	Vertical	PASS
591.630	34.18	N/A	N/A	N/A	46.00	N/A	Vertical	PASS
917.550	37.19	N/A	N/A	N/A	46.00	N/A	Vertical	PASS
5639.960	47.22	N/A	N/A	68.23	N/A	N/A	Vertical	PASS
7845.240	46.57	N/A	N/A	68.23	N/A	N/A	Vertical	PASS
10894.440	46.78	N/A	N/A	74.00	N/A	54.00	Vertical	PASS

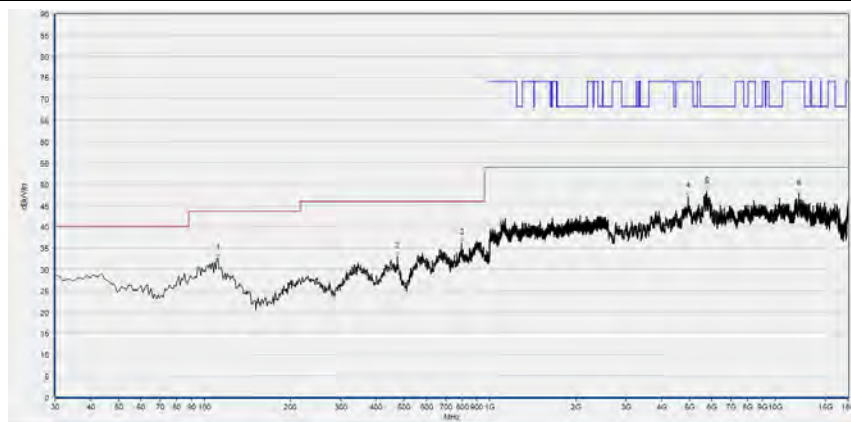
(Antenna Vertical, 30MHz to 18GHz)

Plot for Channel 120



Fre. (MHz)	PK (dBμV/m)	QP (dBμV/m)	AV (dBμV/m)	Limit-PK (dBμV/m)	Limit-QP (dBμV/m)	Limit-AV (dBμV/m)	Antenna	Verdict
110.510	31.80	N/A	N/A	N/A	43.50	N/A	Horizontal	PASS
661.470	35.09	N/A	N/A	N/A	46.00	N/A	Horizontal	PASS
898.150	39.01	N/A	N/A	N/A	46.00	N/A	Horizontal	PASS
5673.840	47.92	N/A	N/A	68.23	N/A	N/A	Horizontal	PASS
8448.920	46.94	N/A	N/A	74.00	N/A	54.00	Horizontal	PASS
11741.440	47.15	N/A	N/A	74.00	N/A	54.00	Horizontal	PASS

(Antenna Horizontal, 30MHz to 18GHz)

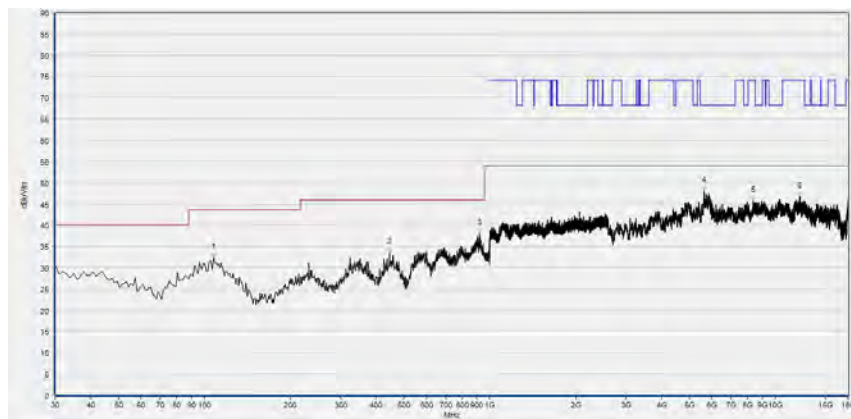


Fre. (MHz)	PK (dBμV/m)	QP (dBμV/m)	AV (dBμV/m)	Limit-PK (dBμV/m)	Limit-QP (dBμV/m)	Limit-AV (dBμV/m)	Antenna	Verdict
111.480	32.45	N/A	N/A	N/A	43.50	N/A	Vertical	PASS
474.260	33.04	N/A	N/A	N/A	46.00	N/A	Vertical	PASS
795.330	36.15	N/A	N/A	N/A	46.00	N/A	Vertical	PASS
4950.040	47.06	N/A	N/A	74.00	N/A	54.00	Vertical	PASS
5747.760	48.33	N/A	N/A	68.23	N/A	N/A	Vertical	PASS
12083.320	47.79	N/A	N/A	74.00	N/A	54.00	Vertical	PASS

(Antenna Vertical, 30MHz to 18GHz)

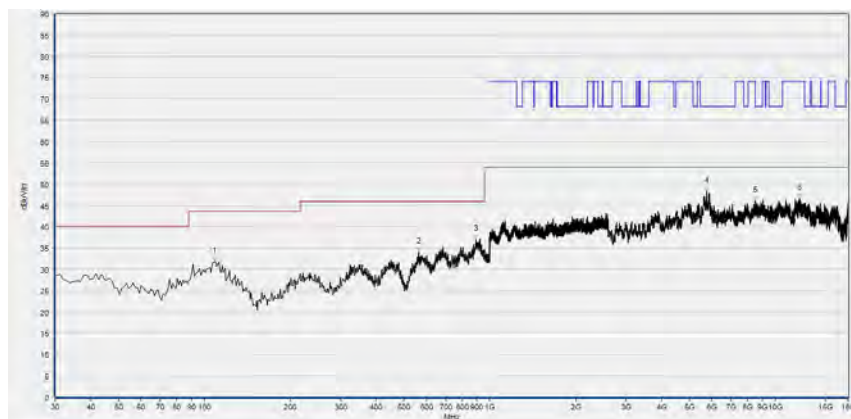


Plot for Channel 144



Fre. (MHz)	PK (dBμV/m)	QP (dBμV/m)	AV (dBμV/m)	Limit-PK (dBμV/m)	Limit-QP (dBμV/m)	Limit-AV (dBμV/m)	Antenna	Verdict
107.600	32.35	N/A	N/A	N/A	43.50	N/A	Horizontal	PASS
446.130	33.51	N/A	N/A	N/A	46.00	N/A	Horizontal	PASS
918.520	38.07	N/A	N/A	N/A	46.00	N/A	Horizontal	PASS
5633.800	48.18	N/A	N/A	68.23	N/A	N/A	Horizontal	PASS
8371.920	45.69	N/A	N/A	74.00	N/A	54.00	Horizontal	PASS
12175.720	46.74	N/A	N/A	74.00	N/A	54.00	Horizontal	PASS

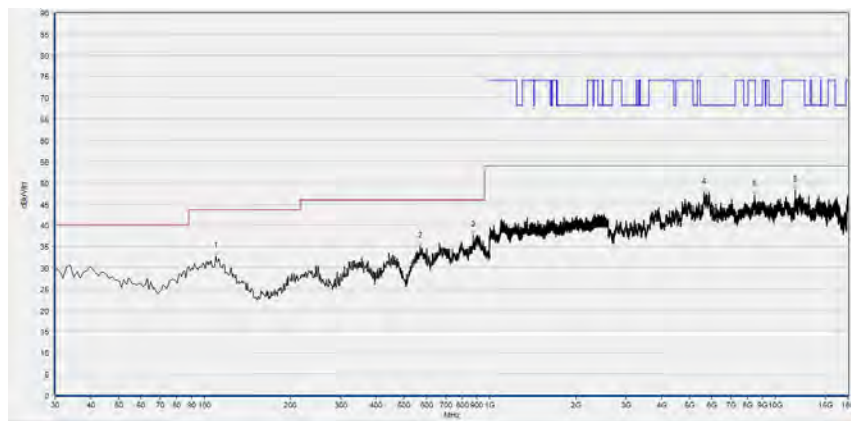
(Antenna Horizontal, 30MHz to 18GHz)



Fre. (MHz)	PK (dBμV/m)	QP (dBμV/m)	AV (dBμV/m)	Limit-PK (dBμV/m)	Limit-QP (dBμV/m)	Limit-AV (dBμV/m)	Antenna	Verdict
108.570	31.84	N/A	N/A	N/A	43.50	N/A	Vertical	PASS
562.530	33.94	N/A	N/A	N/A	46.00	N/A	Vertical	PASS
891.360	37.01	N/A	N/A	N/A	46.00	N/A	Vertical	PASS
5753.920	48.27	N/A	N/A	68.23	N/A	N/A	Vertical	PASS
8522.840	46.07	N/A	N/A	68.23	N/A	N/A	Vertical	PASS
12144.920	46.58	N/A	N/A	74.00	N/A	54.00	Vertical	PASS

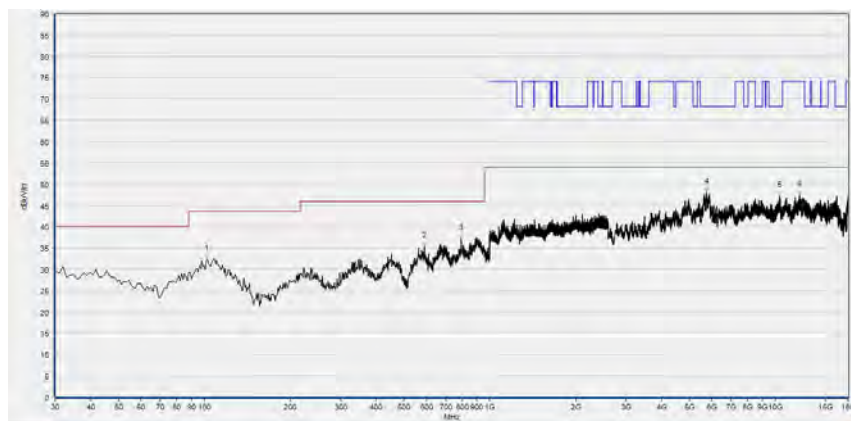
(Antenna Vertical, 30MHz to 18GHz)

Plot for Channel 149



Fre. (MHz)	PK (dBμV/m)	QP (dBμV/m)	AV (dBμV/m)	Limit-PK (dBμV/m)	Limit-QP (dBμV/m)	Limit-AV (dBμV/m)	Antenna	Verdict
109.540	32.76	N/A	N/A	N/A	43.50	N/A	Horizontal	PASS
570.290	34.95	N/A	N/A	N/A	46.00	N/A	Horizontal	PASS
873.900	37.71	N/A	N/A	N/A	46.00	N/A	Horizontal	PASS
5633.800	47.73	N/A	N/A	68.23	N/A	N/A	Horizontal	PASS
8455.080	47.17	N/A	N/A	74.00	N/A	54.00	Horizontal	PASS
11747.600	48.20	N/A	N/A	74.00	N/A	54.00	Horizontal	PASS

(Antenna Horizontal, 30MHz to 18GHz)

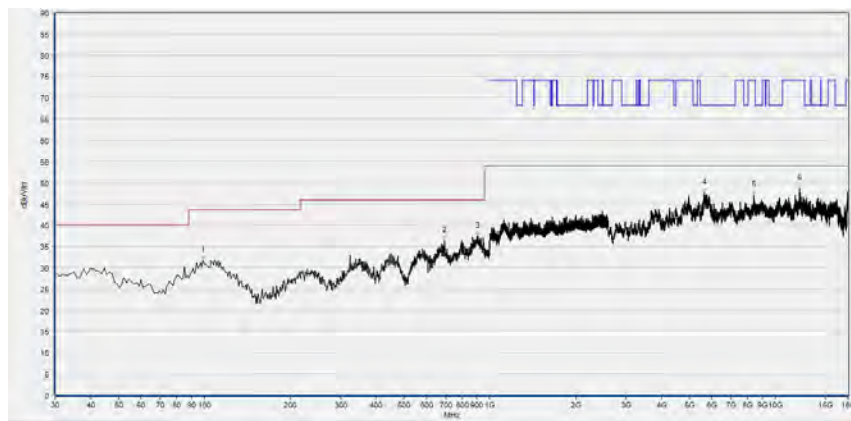


Fre. (MHz)	PK (dBμV/m)	QP (dBμV/m)	AV (dBμV/m)	Limit-PK (dBμV/m)	Limit-QP (dBμV/m)	Limit-AV (dBμV/m)	Antenna	Verdict
101.780	32.31	N/A	N/A	N/A	43.50	N/A	Vertical	PASS
588.720	35.28	N/A	N/A	N/A	46.00	N/A	Vertical	PASS
793.390	37.16	N/A	N/A	N/A	46.00	N/A	Vertical	PASS
5741.600	48.11	N/A	N/A	68.23	N/A	N/A	Vertical	PASS
10355.440	47.18	N/A	N/A	68.23	N/A	N/A	Vertical	PASS
12151.080	47.48	N/A	N/A	74.00	N/A	54.00	Vertical	PASS

(Antenna Vertical, 30MHz to 18GHz)

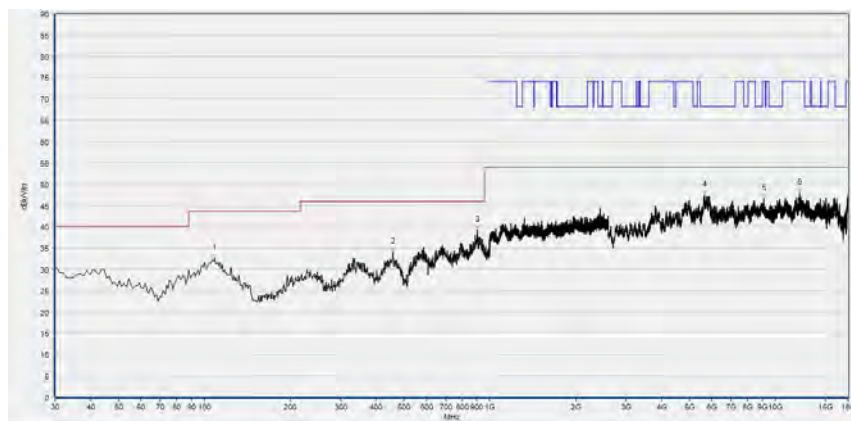


Plot for Channel 157



Fre. (MHz)	PK (dBμV/m)	QP (dBμV/m)	AV (dBμV/m)	Limit-PK (dBμV/m)	Limit-QP (dBμV/m)	Limit-AV (dBμV/m)	Antenna	Verdict
98.870	31.63	N/A	N/A	N/A	43.50	N/A	Horizontal	PASS
695.420	36.37	N/A	N/A	N/A	46.00	N/A	Horizontal	PASS
903.970	37.41	N/A	N/A	N/A	46.00	N/A	Horizontal	PASS
5636.880	47.51	N/A	N/A	68.23	N/A	N/A	Horizontal	PASS
8427.360	47.07	N/A	N/A	74.00	N/A	54.00	Horizontal	PASS
12132.600	48.63	N/A	N/A	74.00	N/A	54.00	Horizontal	PASS

(Antenna Horizontal, 30MHz to 18GHz)

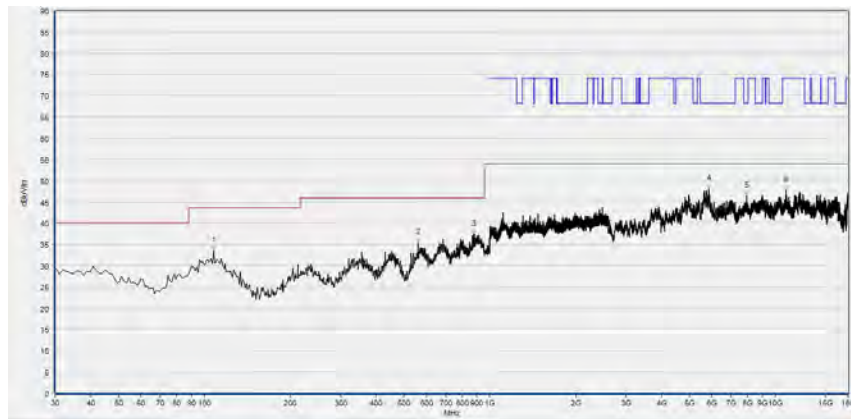


Fre. (MHz)	PK (dBμV/m)	QP (dBμV/m)	AV (dBμV/m)	Limit-PK (dBμV/m)	Limit-QP (dBμV/m)	Limit-AV (dBμV/m)	Antenna	Verdict
108.570	32.51	N/A	N/A	N/A	43.50	N/A	Vertical	PASS
456.800	34.02	N/A	N/A	N/A	46.00	N/A	Vertical	PASS
902.030	39.22	N/A	N/A	N/A	46.00	N/A	Vertical	PASS
5649.200	47.44	N/A	N/A	68.23	N/A	N/A	Vertical	PASS
9117.280	46.57	N/A	N/A	74.00	N/A	54.00	Vertical	PASS
12194.200	47.87	N/A	N/A	74.00	N/A	54.00	Vertical	PASS

(Antenna Vertical, 30MHz to 18GHz)

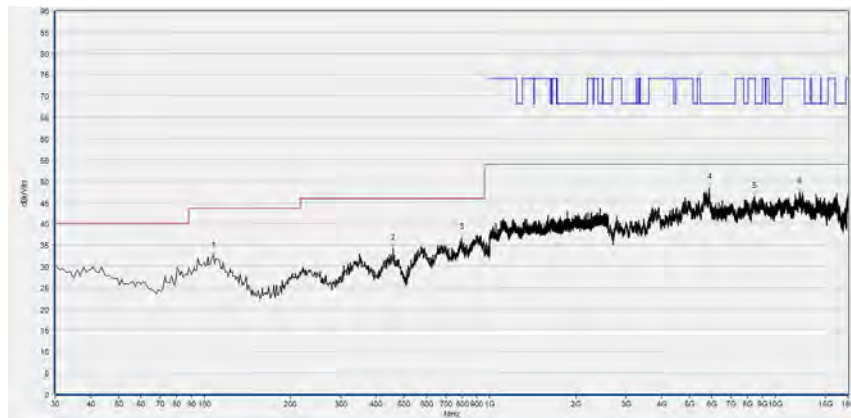


Plot for Channel 165



Fre. (MHz)	PK (dBμV/m)	QP (dBμV/m)	AV (dBμV/m)	Limit-PK (dBμV/m)	Limit-QP (dBμV/m)	Limit-AV (dBμV/m)	Antenna	Verdict
107.600	33.47	N/A	N/A	N/A	43.50	N/A	Horizontal	PASS
560.590	35.37	N/A	N/A	N/A	46.00	N/A	Horizontal	PASS
879.720	37.38	N/A	N/A	N/A	46.00	N/A	Horizontal	PASS
5852.480	48.07	N/A	N/A	68.23	N/A	N/A	Horizontal	PASS
7940.720	46.42	N/A	N/A	68.23	N/A	N/A	Horizontal	PASS
10879.040	47.82	N/A	N/A	74.00	N/A	54.00	Horizontal	PASS

(Antenna Horizontal, 30MHz to 18GHz)

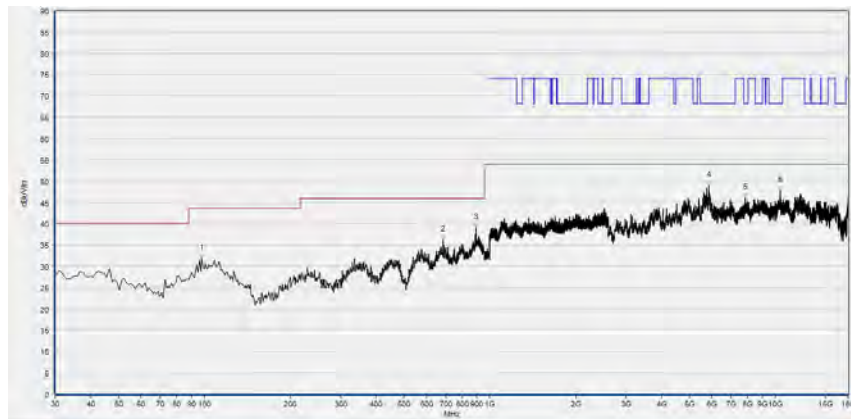


Fre. (MHz)	PK (dBμV/m)	QP (dBμV/m)	AV (dBμV/m)	Limit-PK (dBμV/m)	Limit-QP (dBμV/m)	Limit-AV (dBμV/m)	Antenna	Verdict
107.600	32.32	N/A	N/A	N/A	43.50	N/A	Vertical	PASS
458.740	34.21	N/A	N/A	N/A	46.00	N/A	Vertical	PASS
794.360	36.65	N/A	N/A	N/A	46.00	N/A	Vertical	PASS
5867.880	48.41	N/A	N/A	68.23	N/A	N/A	Vertical	PASS
8461.240	46.42	N/A	N/A	74.00	N/A	54.00	Vertical	PASS
12172.640	47.42	N/A	N/A	74.00	N/A	54.00	Vertical	PASS

(Antenna Vertical, 30MHz to 18GHz)

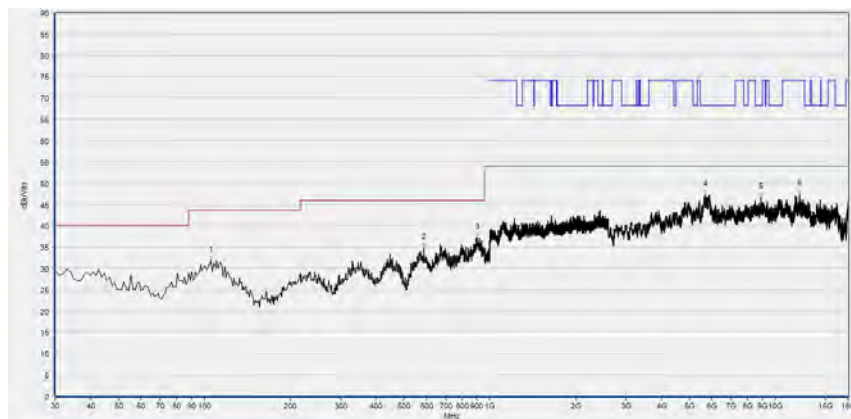
**802.11n (HT40) mode**

Plot for Channel 38



Fre. (MHz)	PK (dBμV/m)	QP (dBμV/m)	AV (dBμV/m)	Limit-PK (dBμV/m)	Limit-QP (dBμV/m)	Limit-AV (dBμV/m)	Antenna	Verdict
97.900	31.89	N/A	N/A	N/A	43.50	N/A	Horizontal	PASS
686.690	36.12	N/A	N/A	N/A	46.00	N/A	Horizontal	PASS
896.210	39.06	N/A	N/A	N/A	46.00	N/A	Horizontal	PASS
5861.720	48.88	N/A	N/A	68.23	N/A	N/A	Horizontal	PASS
7851.400	46.02	N/A	N/A	68.23	N/A	N/A	Horizontal	PASS
10423.200	47.73	N/A	N/A	68.23	N/A	N/A	Horizontal	PASS

(Antenna Horizontal, 30MHz to 18GHz)

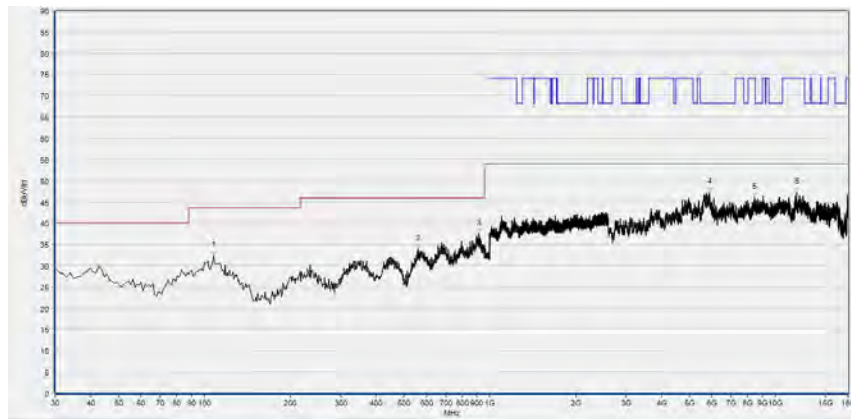


Fre. (MHz)	PK (dBμV/m)	QP (dBμV/m)	AV (dBμV/m)	Limit-PK (dBμV/m)	Limit-QP (dBμV/m)	Limit-AV (dBμV/m)	Antenna	Verdict
105.660	31.83	N/A	N/A	N/A	43.50	N/A	Vertical	PASS
587.750	34.92	N/A	N/A	N/A	46.00	N/A	Vertical	PASS
904.940	37.14	N/A	N/A	N/A	46.00	N/A	Vertical	PASS
5676.920	47.32	N/A	N/A	68.23	N/A	N/A	Vertical	PASS
8907.840	46.78	N/A	N/A	68.23	N/A	N/A	Vertical	PASS
12166.480	47.45	N/A	N/A	74.00	N/A	54.00	Vertical	PASS

(Antenna Vertical, 30MHz to 18GHz)

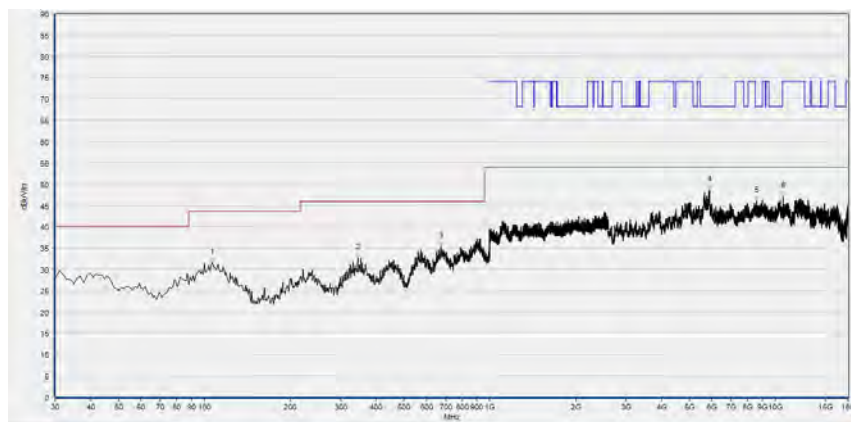


Plot for Channel 46



Fre. (MHz)	PK (dBμV/m)	QP (dBμV/m)	AV (dBμV/m)	Limit-PK (dBμV/m)	Limit-QP (dBμV/m)	Limit-AV (dBμV/m)	Antenna	Verdict
107.600	32.36	N/A	N/A	N/A	43.50	N/A	Horizontal	PASS
561.560	33.82	N/A	N/A	N/A	46.00	N/A	Horizontal	PASS
916.580	37.48	N/A	N/A	N/A	46.00	N/A	Horizontal	PASS
5883.280	47.29	N/A	N/A	68.23	N/A	N/A	Horizontal	PASS
8455.080	46.15	N/A	N/A	74.00	N/A	54.00	Horizontal	PASS
11861.560	47.35	N/A	N/A	74.00	N/A	54.00	Horizontal	PASS

(Antenna Horizontal, 30MHz to 18GHz)

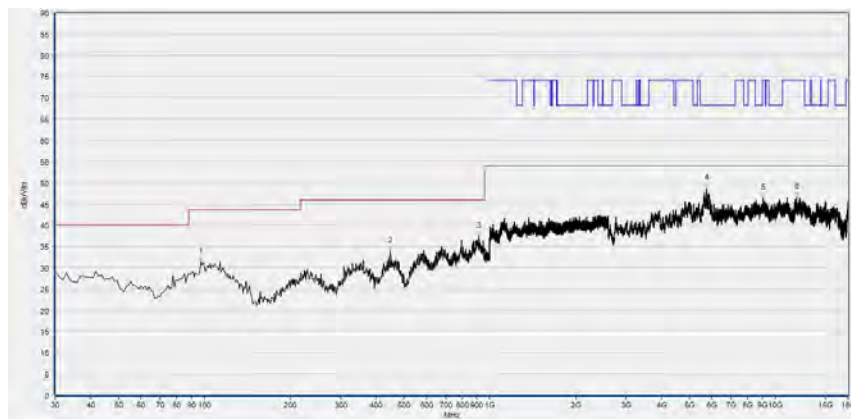


Fre. (MHz)	PK (dBμV/m)	QP (dBμV/m)	AV (dBμV/m)	Limit-PK (dBμV/m)	Limit-QP (dBμV/m)	Limit-AV (dBμV/m)	Antenna	Verdict
106.630	31.52	N/A	N/A	N/A	43.50	N/A	Vertical	PASS
345.250	32.69	N/A	N/A	N/A	46.00	N/A	Vertical	PASS
672.140	35.44	N/A	N/A	N/A	46.00	N/A	Vertical	PASS
5867.880	48.56	N/A	N/A	68.23	N/A	N/A	Vertical	PASS
8596.760	46.05	N/A	N/A	68.23	N/A	N/A	Vertical	PASS
10672.680	47.02	N/A	N/A	74.00	N/A	54.00	Vertical	PASS

(Antenna Vertical, 30MHz to 18GHz)

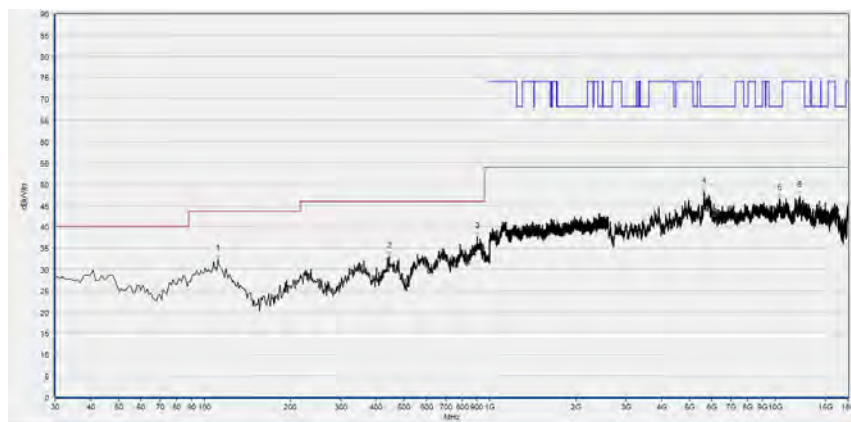


Plot for Channel 54



Fre. (MHz)	PK (dBμV/m)	QP (dBμV/m)	AV (dBμV/m)	Limit-PK (dBμV/m)	Limit-QP (dBμV/m)	Limit-AV (dBμV/m)	Antenna	Verdict
96.930	31.30	N/A	N/A	N/A	43.50	N/A	Horizontal	PASS
448.070	33.82	N/A	N/A	N/A	46.00	N/A	Horizontal	PASS
914.640	37.37	N/A	N/A	N/A	46.00	N/A	Horizontal	PASS
5747.760	48.66	N/A	N/A	68.23	N/A	N/A	Horizontal	PASS
9058.760	46.37	N/A	N/A	74.00	N/A	54.00	Horizontal	PASS
11867.720	46.64	N/A	N/A	74.00	N/A	54.00	Horizontal	PASS

(Antenna Horizontal, 30MHz to 18GHz)

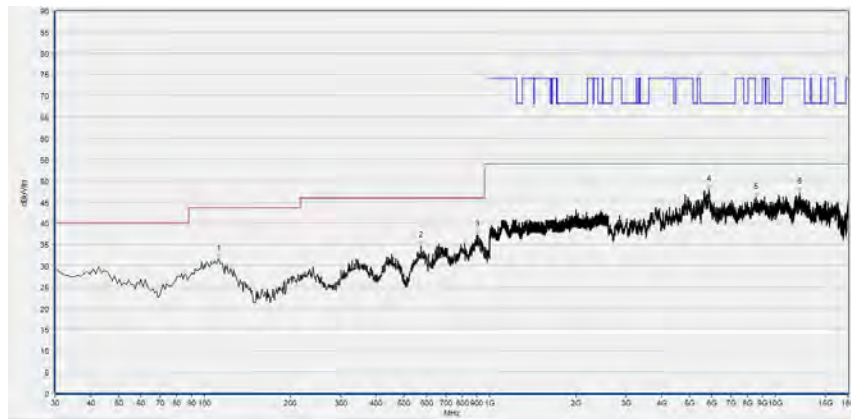


Fre. (MHz)	PK (dBμV/m)	QP (dBμV/m)	AV (dBμV/m)	Limit-PK (dBμV/m)	Limit-QP (dBμV/m)	Limit-AV (dBμV/m)	Antenna	Verdict
111.480	32.42	N/A	N/A	N/A	43.50	N/A	Vertical	PASS
444.190	33.09	N/A	N/A	N/A	46.00	N/A	Vertical	PASS
904.940	37.74	N/A	N/A	N/A	46.00	N/A	Vertical	PASS
5627.640	48.25	N/A	N/A	68.23	N/A	N/A	Vertical	PASS
10330.800	46.56	N/A	N/A	68.23	N/A	N/A	Vertical	PASS
12160.320	47.31	N/A	N/A	74.00	N/A	54.00	Vertical	PASS

(Antenna Vertical, 30MHz to 18GHz)

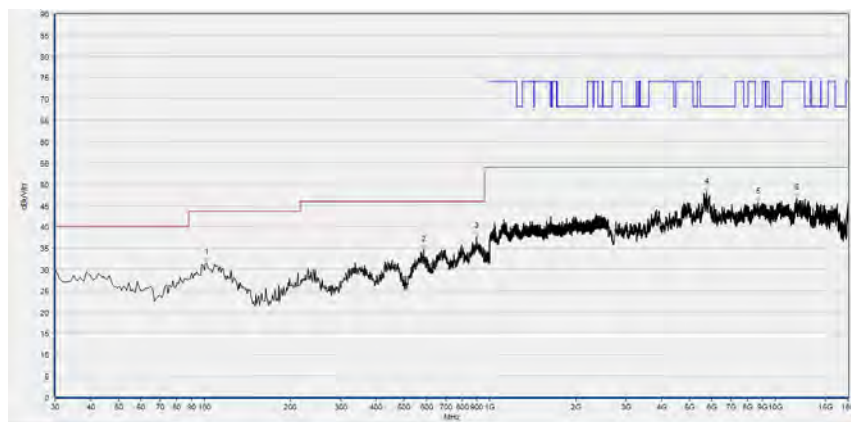


Plot for Channel 62



Fre. (MHz)	PK (dBμV/m)	QP (dBμV/m)	AV (dBμV/m)	Limit-PK (dBμV/m)	Limit-QP (dBμV/m)	Limit-AV (dBμV/m)	Antenna	Verdict
112.450	31.43	N/A	N/A	N/A	43.50	N/A	Horizontal	PASS
575.140	34.61	N/A	N/A	N/A	46.00	N/A	Horizontal	PASS
902.030	37.19	N/A	N/A	N/A	46.00	N/A	Horizontal	PASS
5858.640	47.95	N/A	N/A	68.23	N/A	N/A	Horizontal	PASS
8559.800	46.03	N/A	N/A	68.23	N/A	N/A	Horizontal	PASS
12138.760	47.22	N/A	N/A	74.00	N/A	54.00	Horizontal	PASS

(Antenna Horizontal, 30MHz to 18GHz)

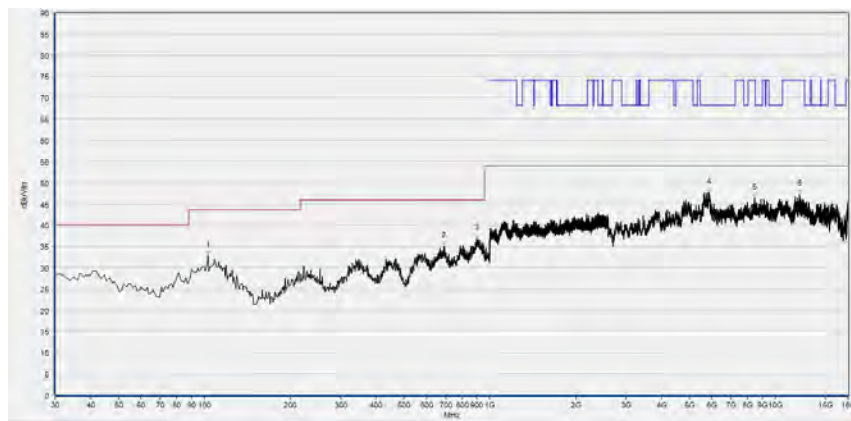


Fre. (MHz)	PK (dBμV/m)	QP (dBμV/m)	AV (dBμV/m)	Limit-PK (dBμV/m)	Limit-QP (dBμV/m)	Limit-AV (dBμV/m)	Antenna	Verdict
101.780	31.46	N/A	N/A	N/A	43.50	N/A	Vertical	PASS
587.750	34.57	N/A	N/A	N/A	46.00	N/A	Vertical	PASS
897.180	37.64	N/A	N/A	N/A	46.00	N/A	Vertical	PASS
5738.520	48.13	N/A	N/A	68.23	N/A	N/A	Vertical	PASS
8683.000	45.80	N/A	N/A	68.23	N/A	N/A	Vertical	PASS
11858.480	46.73	N/A	N/A	74.00	N/A	54.00	Vertical	PASS

(Antenna Vertical, 30MHz to 18GHz)

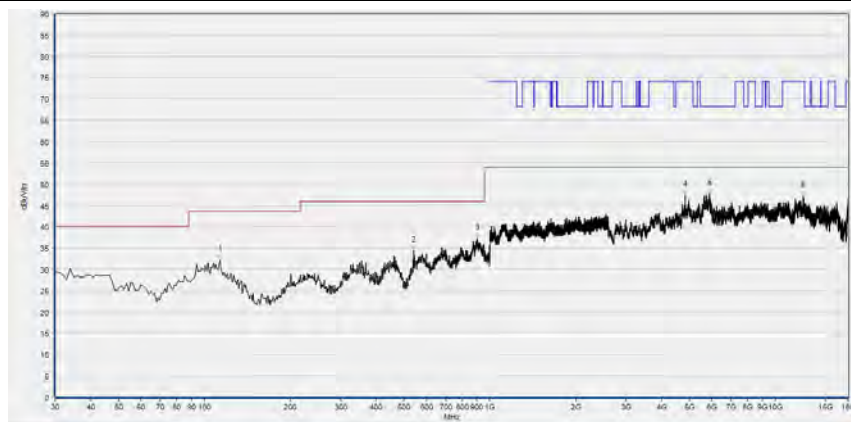


Plot for Channel 102



Fre. (MHz)	PK (dBμV/m)	QP (dBμV/m)	AV (dBμV/m)	Limit-PK (dBμV/m)	Limit-QP (dBμV/m)	Limit-AV (dBμV/m)	Antenna	Verdict
102.750	32.86	N/A	N/A	N/A	43.50	N/A	Horizontal	PASS
690.570	34.98	N/A	N/A	N/A	46.00	N/A	Horizontal	PASS
900.090	36.82	N/A	N/A	N/A	46.00	N/A	Horizontal	PASS
5864.800	47.82	N/A	N/A	68.23	N/A	N/A	Horizontal	PASS
8473.560	46.40	N/A	N/A	74.00	N/A	54.00	Horizontal	PASS
12138.760	47.28	N/A	N/A	74.00	N/A	54.00	Horizontal	PASS

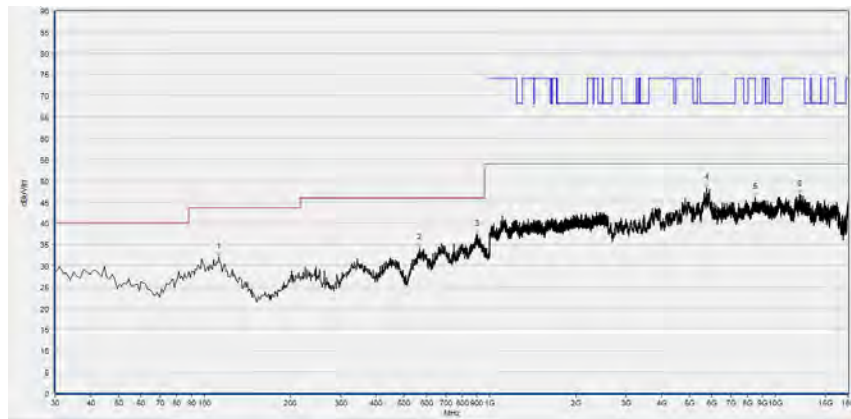
(Antenna Horizontal, 30MHz to 18GHz)



Fre. (MHz)	PK (dBμV/m)	QP (dBμV/m)	AV (dBμV/m)	Limit-PK (dBμV/m)	Limit-QP (dBμV/m)	Limit-AV (dBμV/m)	Antenna	Verdict
113.420	32.17	N/A	N/A	N/A	43.50	N/A	Vertical	PASS
541.190	34.30	N/A	N/A	N/A	46.00	N/A	Vertical	PASS
903.970	37.14	N/A	N/A	N/A	46.00	N/A	Vertical	PASS
4839.160	47.48	N/A	N/A	74.00	N/A	54.00	Vertical	PASS
5883.280	47.75	N/A	N/A	68.23	N/A	N/A	Vertical	PASS
12523.760	47.09	N/A	N/A	74.00	N/A	54.00	Vertical	PASS

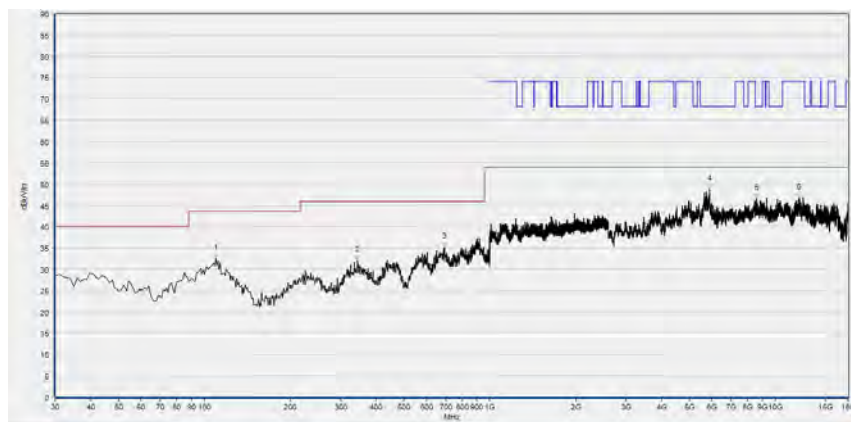
(Antenna Vertical, 30MHz to 18GHz)

Plot for Channel 126



Fre. (MHz)	PK (dBμV/m)	QP (dBμV/m)	AV (dBμV/m)	Limit-PK (dBμV/m)	Limit-QP (dBμV/m)	Limit-AV (dBμV/m)	Antenna	Verdict
112.450	32.00	N/A	N/A	N/A	43.50	N/A	Horizontal	PASS
567.380	34.17	N/A	N/A	N/A	46.00	N/A	Horizontal	PASS
900.090	37.42	N/A	N/A	N/A	46.00	N/A	Horizontal	PASS
5763.160	48.32	N/A	N/A	68.23	N/A	N/A	Horizontal	PASS
8513.600	46.11	N/A	N/A	68.23	N/A	N/A	Horizontal	PASS
12151.080	46.78	N/A	N/A	74.00	N/A	54.00	Horizontal	PASS

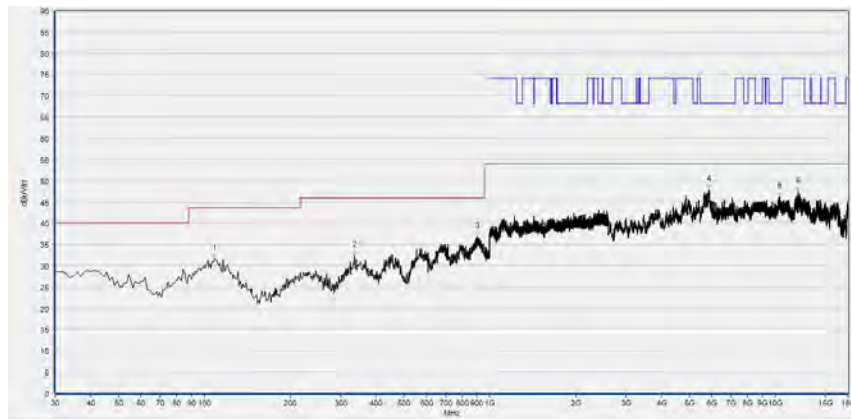
(Antenna Horizontal, 30MHz to 18GHz)



Fre. (MHz)	PK (dBμV/m)	QP (dBμV/m)	AV (dBμV/m)	Limit-PK (dBμV/m)	Limit-QP (dBμV/m)	Limit-AV (dBμV/m)	Antenna	Verdict
109.540	32.48	N/A	N/A	N/A	43.50	N/A	Vertical	PASS
344.280	32.03	N/A	N/A	N/A	46.00	N/A	Vertical	PASS
693.480	35.14	N/A	N/A	N/A	46.00	N/A	Vertical	PASS
5886.360	48.77	N/A	N/A	68.23	N/A	N/A	Vertical	PASS
8584.440	46.62	N/A	N/A	68.23	N/A	N/A	Vertical	PASS
12071.000	46.79	N/A	N/A	74.00	N/A	54.00	Vertical	PASS

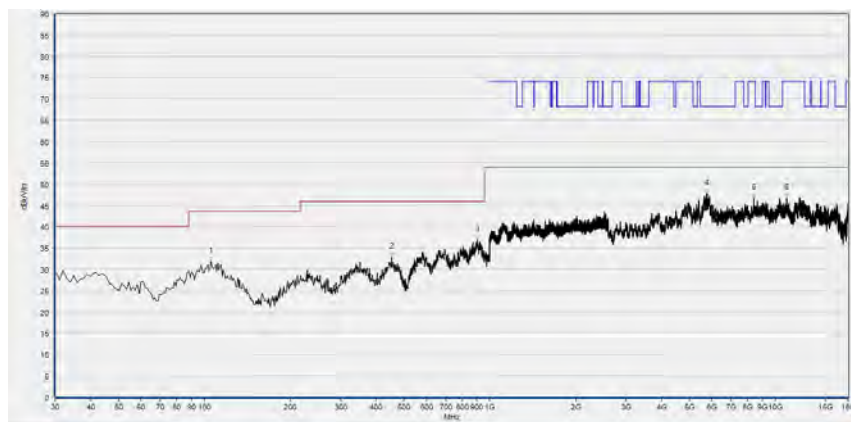
(Antenna Vertical, 30MHz to 18GHz)

Plot for Channel 142



Fre. (MHz)	PK (dBμV/m)	QP (dBμV/m)	AV (dBμV/m)	Limit-PK (dBμV/m)	Limit-QP (dBμV/m)	Limit-AV (dBμV/m)	Antenna	Verdict
108.570	31.65	N/A	N/A	N/A	43.50	N/A	Horizontal	PASS
335.550	32.31	N/A	N/A	N/A	46.00	N/A	Horizontal	PASS
902.030	36.80	N/A	N/A	N/A	46.00	N/A	Horizontal	PASS
5861.720	47.93	N/A	N/A	68.23	N/A	N/A	Horizontal	PASS
10370.840	46.28	N/A	N/A	68.23	N/A	N/A	Horizontal	PASS
12049.440	47.51	N/A	N/A	74.00	N/A	54.00	Horizontal	PASS

(Antenna Horizontal, 30MHz to 18GHz)

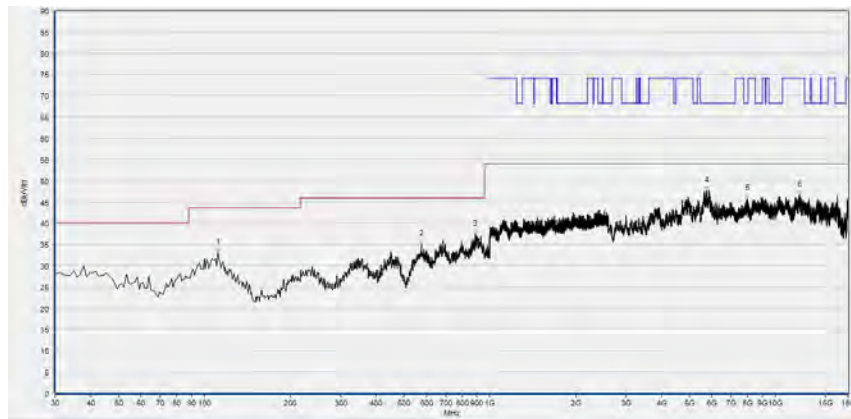


Fre. (MHz)	PK (dBμV/m)	QP (dBμV/m)	AV (dBμV/m)	Limit-PK (dBμV/m)	Limit-QP (dBμV/m)	Limit-AV (dBμV/m)	Antenna	Verdict
105.660	31.77	N/A	N/A	N/A	43.50	N/A	Vertical	PASS
452.920	32.77	N/A	N/A	N/A	46.00	N/A	Vertical	PASS
903.000	36.81	N/A	N/A	N/A	46.00	N/A	Vertical	PASS
5760.080	47.82	N/A	N/A	68.23	N/A	N/A	Vertical	PASS
8418.120	46.68	N/A	N/A	74.00	N/A	54.00	Vertical	PASS
10974.520	46.83	N/A	N/A	74.00	N/A	54.00	Vertical	PASS

(Antenna Vertical, 30MHz to 18GHz)

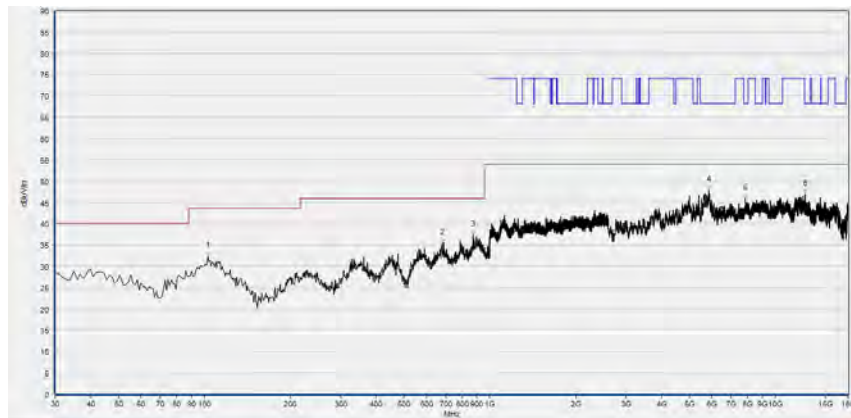


Plot for Channel 151



Fre. (MHz)	PK (dBμV/m)	QP (dBμV/m)	AV (dBμV/m)	Limit-PK (dBμV/m)	Limit-QP (dBμV/m)	Limit-AV (dBμV/m)	Antenna	Verdict
111.480	32.95	N/A	N/A	N/A	43.50	N/A	Horizontal	PASS
576.110	34.97	N/A	N/A	N/A	46.00	N/A	Horizontal	PASS
888.450	37.29	N/A	N/A	N/A	46.00	N/A	Horizontal	PASS
5753.920	47.58	N/A	N/A	68.23	N/A	N/A	Horizontal	PASS
7968.440	45.68	N/A	N/A	68.23	N/A	N/A	Horizontal	PASS
12181.880	46.63	N/A	N/A	74.00	N/A	54.00	Horizontal	PASS

(Antenna Horizontal, 30MHz to 18GHz)

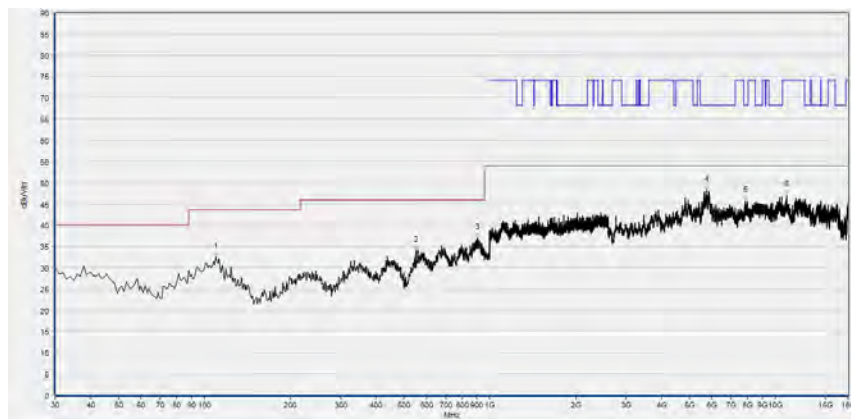


Fre. (MHz)	PK (dBμV/m)	QP (dBμV/m)	AV (dBμV/m)	Limit-PK (dBμV/m)	Limit-QP (dBμV/m)	Limit-AV (dBμV/m)	Antenna	Verdict
102.750	32.32	N/A	N/A	N/A	43.50	N/A	Vertical	PASS
679.900	35.38	N/A	N/A	N/A	46.00	N/A	Vertical	PASS
874.870	37.32	N/A	N/A	N/A	46.00	N/A	Vertical	PASS
5852.480	47.98	N/A	N/A	68.23	N/A	N/A	Vertical	PASS
7869.880	45.96	N/A	N/A	68.23	N/A	N/A	Vertical	PASS
12736.280	46.92	N/A	N/A	68.23	N/A	N/A	Vertical	PASS

(Antenna Vertical, 30MHz to 18GHz)

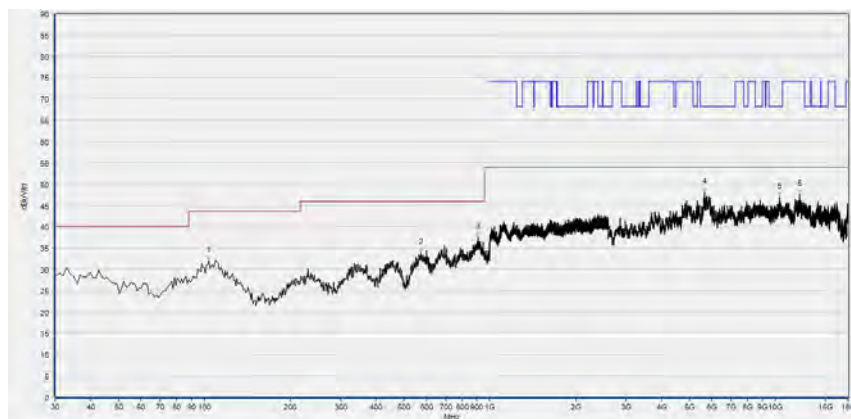


Plot for Channel 159



Fre. (MHz)	PK (dBμV/m)	QP (dBμV/m)	AV (dBμV/m)	Limit-PK (dBμV/m)	Limit-QP (dBμV/m)	Limit-AV (dBμV/m)	Antenna	Verdict
109.540	32.46	N/A	N/A	N/A	43.50	N/A	Horizontal	PASS
550.890	34.00	N/A	N/A	N/A	46.00	N/A	Horizontal	PASS
905.910	36.96	N/A	N/A	N/A	46.00	N/A	Horizontal	PASS
5750.840	48.34	N/A	N/A	68.23	N/A	N/A	Horizontal	PASS
7854.480	45.74	N/A	N/A	68.23	N/A	N/A	Horizontal	PASS
10983.760	47.16	N/A	N/A	74.00	N/A	54.00	Horizontal	PASS

(Antenna Horizontal, 30MHz to 18GHz)

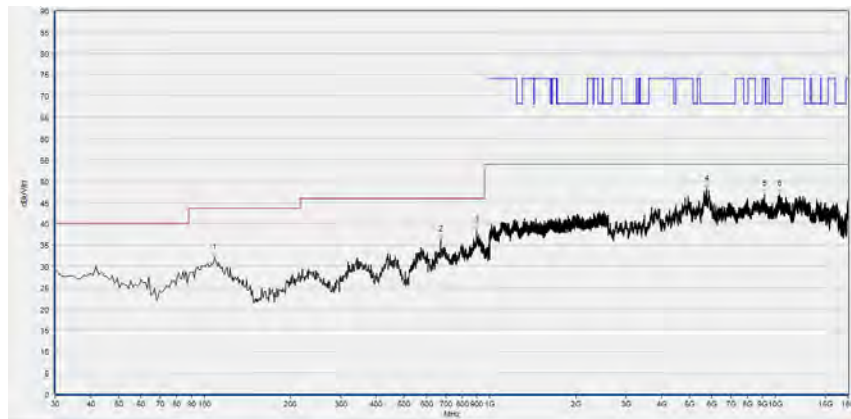


Fre. (MHz)	PK (dBμV/m)	QP (dBμV/m)	AV (dBμV/m)	Limit-PK (dBμV/m)	Limit-QP (dBμV/m)	Limit-AV (dBμV/m)	Antenna	Verdict
103.720	31.96	N/A	N/A	N/A	43.50	N/A	Vertical	PASS
572.230	33.85	N/A	N/A	N/A	46.00	N/A	Vertical	PASS
910.760	37.48	N/A	N/A	N/A	46.00	N/A	Vertical	PASS
5646.120	48.15	N/A	N/A	68.23	N/A	N/A	Vertical	PASS
10349.280	46.91	N/A	N/A	68.23	N/A	N/A	Vertical	PASS
12181.880	47.67	N/A	N/A	74.00	N/A	54.00	Vertical	PASS

(Antenna Vertical, 30MHz to 18GHz)

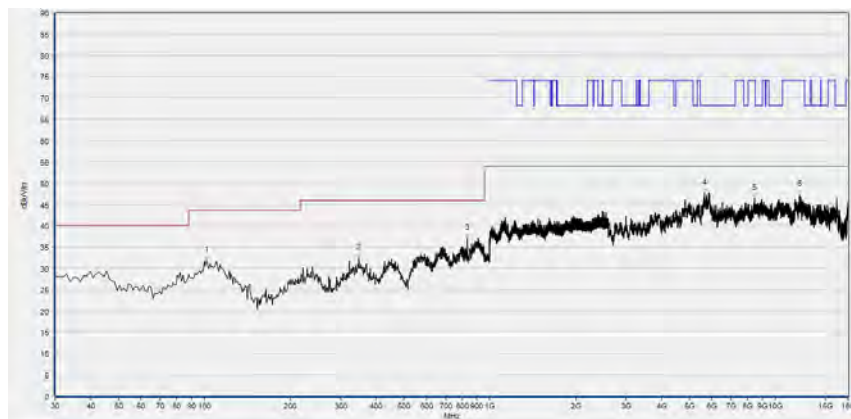
**802.11ac (VHT80) Mode**

Plot for Channel 42



Fre. (MHz)	PK (dBμV/m)	QP (dBμV/m)	AV (dBμV/m)	Limit-PK (dBμV/m)	Limit-QP (dBμV/m)	Limit-AV (dBμV/m)	Antenna	Verdict
108.570	32.03	N/A	N/A	N/A	43.50	N/A	Horizontal	PASS
672.140	36.23	N/A	N/A	N/A	46.00	N/A	Horizontal	PASS
898.150	38.39	N/A	N/A	N/A	46.00	N/A	Horizontal	PASS
5750.840	48.04	N/A	N/A	68.23	N/A	N/A	Horizontal	PASS
9185.040	47.00	N/A	N/A	74.00	N/A	54.00	Horizontal	PASS
10327.720	46.96	N/A	N/A	68.23	N/A	N/A	Horizontal	PASS

(Antenna Horizontal, 30MHz to 18GHz)

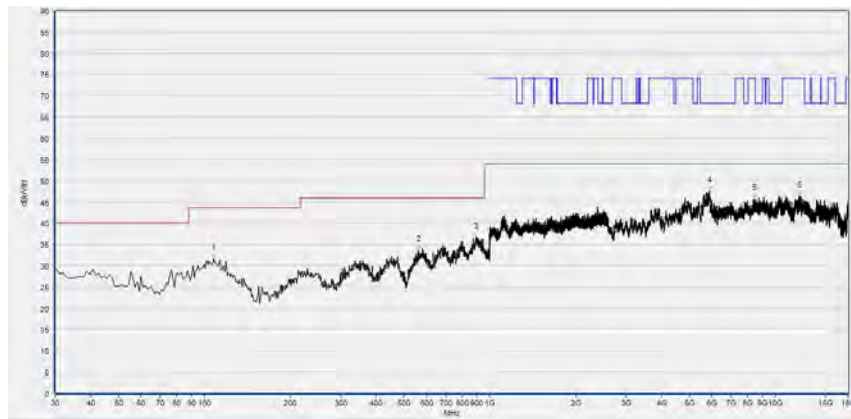


Fre. (MHz)	PK (dBμV/m)	QP (dBμV/m)	AV (dBμV/m)	Limit-PK (dBμV/m)	Limit-QP (dBμV/m)	Limit-AV (dBμV/m)	Antenna	Verdict
101.780	31.90	N/A	N/A	N/A	43.50	N/A	Vertical	PASS
348.160	32.38	N/A	N/A	N/A	46.00	N/A	Vertical	PASS
835.100	37.01	N/A	N/A	N/A	46.00	N/A	Vertical	PASS
5652.280	47.63	N/A	N/A	68.23	N/A	N/A	Vertical	PASS
8455.080	46.44	N/A	N/A	74.00	N/A	54.00	Vertical	PASS
12151.080	47.29	N/A	N/A	74.00	N/A	54.00	Vertical	PASS

(Antenna Vertical, 30MHz to 18GHz)

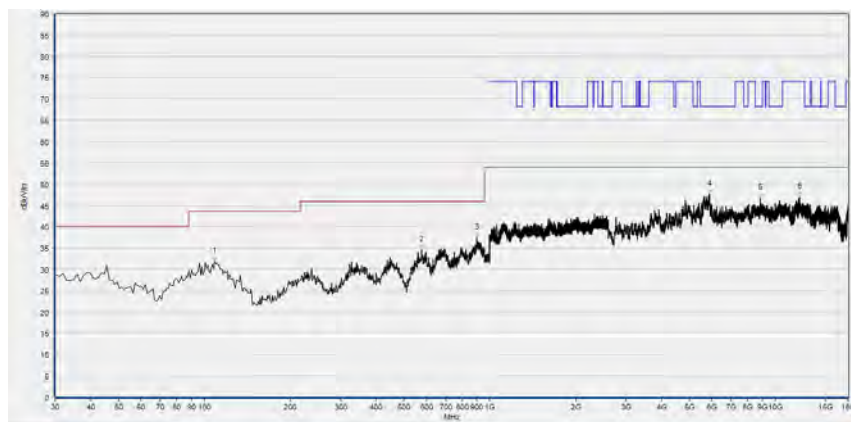


Plot for Channel 58



Fre. (MHz)	PK (dBμV/m)	QP (dBμV/m)	AV (dBμV/m)	Limit-PK (dBμV/m)	Limit-QP (dBμV/m)	Limit-AV (dBμV/m)	Antenna	Verdict
107.600	31.66	N/A	N/A	N/A	43.50	N/A	Horizontal	PASS
562.530	33.70	N/A	N/A	N/A	46.00	N/A	Horizontal	PASS
894.270	36.76	N/A	N/A	N/A	46.00	N/A	Horizontal	PASS
5867.880	47.61	N/A	N/A	68.23	N/A	N/A	Horizontal	PASS
8436.600	45.80	N/A	N/A	74.00	N/A	54.00	Horizontal	PASS
12154.160	46.41	N/A	N/A	74.00	N/A	54.00	Horizontal	PASS

(Antenna Horizontal, 30MHz to 18GHz)

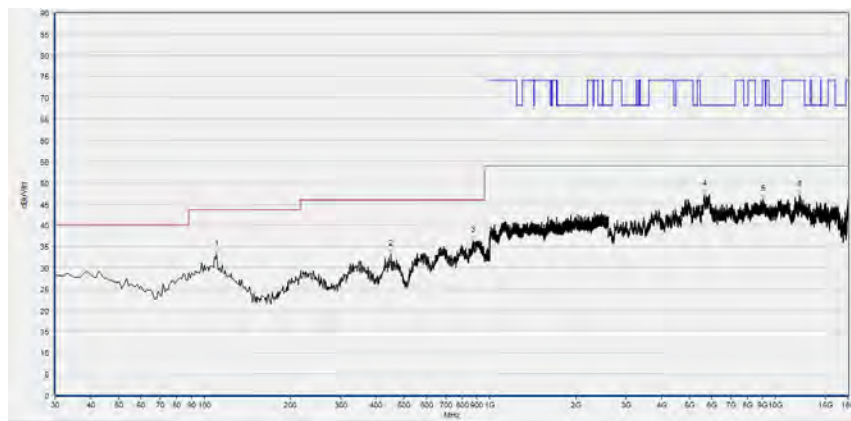


Fre. (MHz)	PK (dBμV/m)	QP (dBμV/m)	AV (dBμV/m)	Limit-PK (dBμV/m)	Limit-QP (dBμV/m)	Limit-AV (dBμV/m)	Antenna	Verdict
108.570	31.79	N/A	N/A	N/A	43.50	N/A	Vertical	PASS
577.080	34.48	N/A	N/A	N/A	46.00	N/A	Vertical	PASS
901.060	37.38	N/A	N/A	N/A	46.00	N/A	Vertical	PASS
5870.960	47.67	N/A	N/A	68.23	N/A	N/A	Vertical	PASS
8861.640	46.69	N/A	N/A	68.23	N/A	N/A	Vertical	PASS
12194.200	47.01	N/A	N/A	74.00	N/A	54.00	Vertical	PASS

(Antenna Vertical, 30MHz to 18GHz)

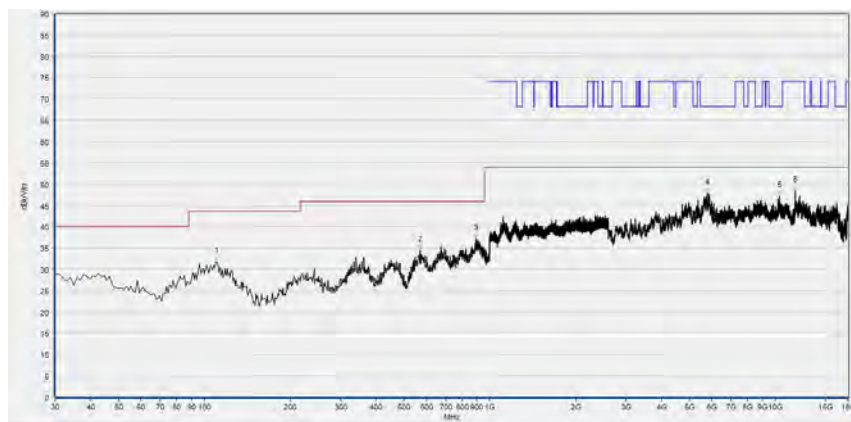


Plot for Channel 106



Fre. (MHz)	PK (dBμV/m)	QP (dBμV/m)	AV (dBμV/m)	Limit-PK (dBμV/m)	Limit-QP (dBμV/m)	Limit-AV (dBμV/m)	Antenna	Verdict
110.510	33.22	N/A	N/A	N/A	43.50	N/A	Horizontal	PASS
450.010	33.25	N/A	N/A	N/A	46.00	N/A	Horizontal	PASS
873.900	36.43	N/A	N/A	N/A	46.00	N/A	Horizontal	PASS
5655.360	47.19	N/A	N/A	68.23	N/A	N/A	Horizontal	PASS
9074.160	46.05	N/A	N/A	74.00	N/A	54.00	Horizontal	PASS
12154.160	47.09	N/A	N/A	74.00	N/A	54.00	Horizontal	PASS

(Antenna Horizontal, 30MHz to 18GHz)

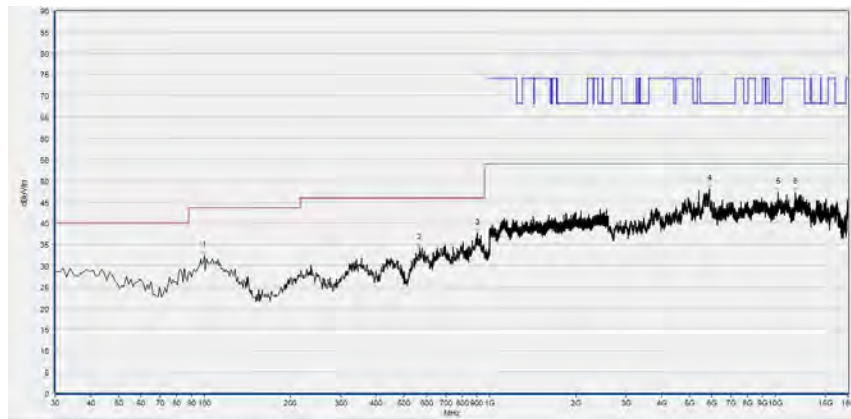


Fre. (MHz)	PK (dBμV/m)	QP (dBμV/m)	AV (dBμV/m)	Limit-PK (dBμV/m)	Limit-QP (dBμV/m)	Limit-AV (dBμV/m)	Antenna	Verdict
110.510	31.81	N/A	N/A	N/A	43.50	N/A	Vertical	PASS
569.320	34.55	N/A	N/A	N/A	46.00	N/A	Vertical	PASS
892.330	37.18	N/A	N/A	N/A	46.00	N/A	Vertical	PASS
5769.320	48.01	N/A	N/A	68.23	N/A	N/A	Vertical	PASS
10361.600	47.33	N/A	N/A	68.23	N/A	N/A	Vertical	PASS
11759.920	48.49	N/A	N/A	74.00	N/A	54.00	Vertical	PASS

(Antenna Vertical, 30MHz to 18GHz)

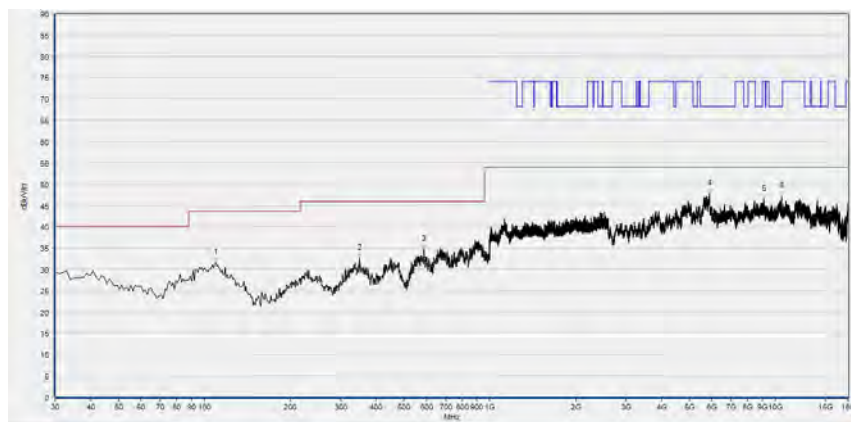


Plot for Channel 122



Fre. (MHz)	PK (dBμV/m)	QP (dBμV/m)	AV (dBμV/m)	Limit-PK (dBμV/m)	Limit-QP (dBμV/m)	Limit-AV (dBμV/m)	Antenna	Verdict
99.840	32.31	N/A	N/A	N/A	43.50	N/A	Horizontal	PASS
567.380	34.16	N/A	N/A	N/A	46.00	N/A	Horizontal	PASS
904.940	37.70	N/A	N/A	N/A	46.00	N/A	Horizontal	PASS
5886.360	48.02	N/A	N/A	68.23	N/A	N/A	Horizontal	PASS
10207.600	47.18	N/A	N/A	68.23	N/A	N/A	Horizontal	PASS
11753.760	47.29	N/A	N/A	74.00	N/A	54.00	Horizontal	PASS

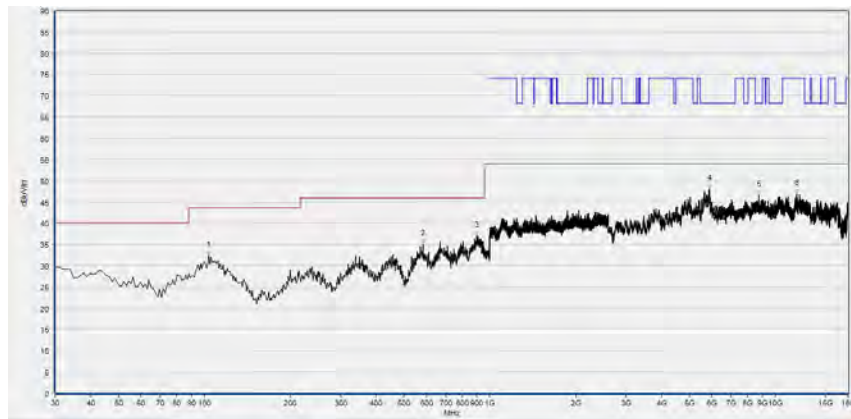
(Antenna Horizontal, 30MHz to 18GHz)



Fre. (MHz)	PK (dBμV/m)	QP (dBμV/m)	AV (dBμV/m)	Limit-PK (dBμV/m)	Limit-QP (dBμV/m)	Limit-AV (dBμV/m)	Antenna	Verdict
109.540	31.48	N/A	N/A	N/A	43.50	N/A	Vertical	PASS
350.100	32.55	N/A	N/A	N/A	46.00	N/A	Vertical	PASS
587.750	34.63	N/A	N/A	N/A	46.00	N/A	Vertical	PASS
5870.960	47.79	N/A	N/A	68.23	N/A	N/A	Vertical	PASS
9095.720	46.40	N/A	N/A	74.00	N/A	54.00	Vertical	PASS
10527.920	47.08	N/A	N/A	68.23	N/A	N/A	Vertical	PASS

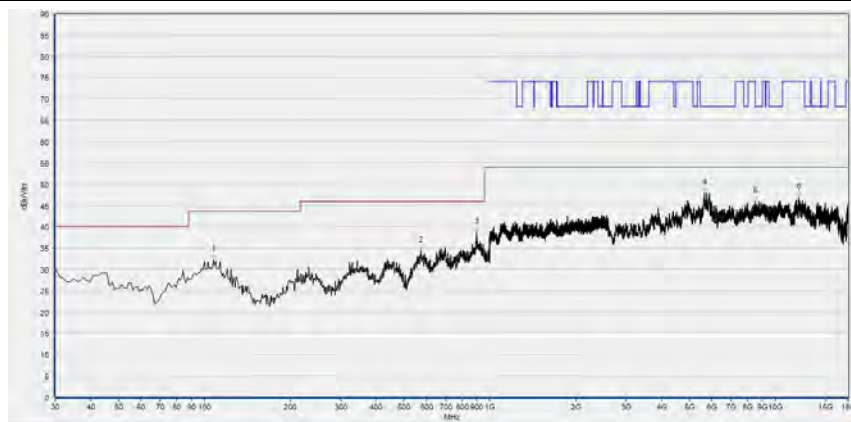
(Antenna Vertical, 30MHz to 18GHz)

Plot for Channel 138



Fre. (MHz)	PK (dBμV/m)	QP (dBμV/m)	AV (dBμV/m)	Limit-PK (dBμV/m)	Limit-QP (dBμV/m)	Limit-AV (dBμV/m)	Antenna	Verdict
103.720	32.39	N/A	N/A	N/A	43.50	N/A	Horizontal	PASS
583.870	35.11	N/A	N/A	N/A	46.00	N/A	Horizontal	PASS
899.120	36.97	N/A	N/A	N/A	46.00	N/A	Horizontal	PASS
5870.960	48.16	N/A	N/A	68.23	N/A	N/A	Horizontal	PASS
8750.760	46.60	N/A	N/A	68.23	N/A	N/A	Horizontal	PASS
11892.360	46.91	N/A	N/A	74.00	N/A	54.00	Horizontal	PASS

(Antenna Horizontal, 30MHz to 18GHz)

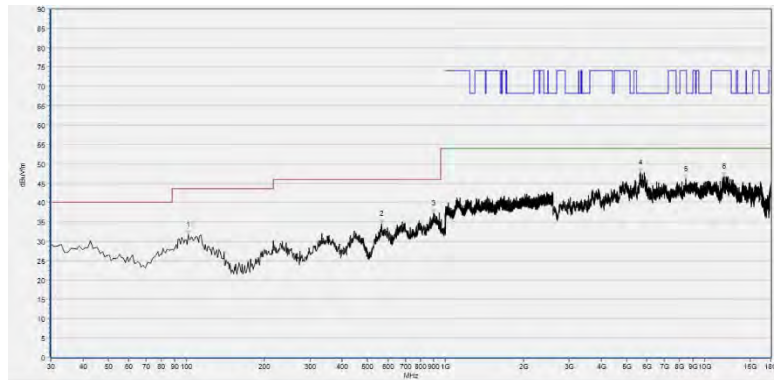


Fre. (MHz)	PK (dBμV/m)	QP (dBμV/m)	AV (dBμV/m)	Limit-PK (dBμV/m)	Limit-QP (dBμV/m)	Limit-AV (dBμV/m)	Antenna	Verdict
107.600	32.18	N/A	N/A	N/A	43.50	N/A	Vertical	PASS
575.140	34.29	N/A	N/A	N/A	46.00	N/A	Vertical	PASS
897.180	38.64	N/A	N/A	N/A	46.00	N/A	Vertical	PASS
5643.040	47.96	N/A	N/A	68.23	N/A	N/A	Vertical	PASS
8501.280	45.97	N/A	N/A	68.23	N/A	N/A	Vertical	PASS
12077.160	46.87	N/A	N/A	74.00	N/A	54.00	Vertical	PASS

(Antenna Vertical, 30MHz to 18GHz)

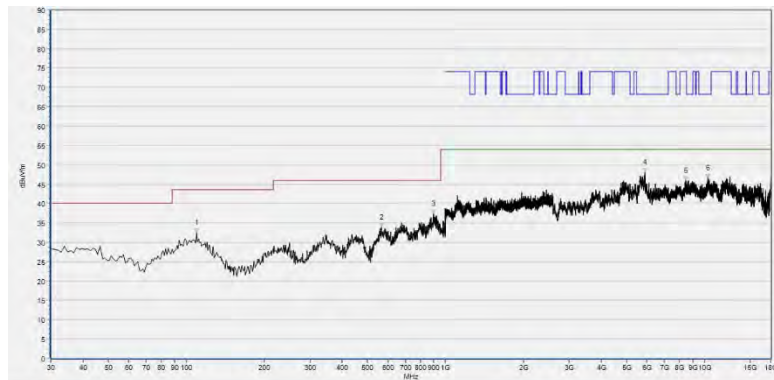


Plot for Channel 155



Fre. (MHz)	PK (dBμV/m)	QP (dBμV/m)	AV (dBμV/m)	Limit-PK (dBμV/m)	Limit-QP (dBμV/m)	Limit-AV (dBμV/m)	Antenna	Verdict
101.780	31.75	N/A	N/A	N/A	43.50	N/A	Horizontal	PASS
568.350	34.61	N/A	N/A	N/A	46.00	N/A	Horizontal	PASS
901.060	37.25	N/A	N/A	N/A	46.00	N/A	Horizontal	PASS
5646.120	47.70	N/A	N/A	68.23	N/A	N/A	Horizontal	PASS
8448.920	46.15	N/A	N/A	74.00	N/A	54.00	Horizontal	PASS
11876.960	46.78	N/A	N/A	74.00	N/A	54.00	Horizontal	PASS

(Antenna Horizontal, 30MHz to 18GHz)



Fre. (MHz)	PK (dBμV/m)	QP (dBμV/m)	AV (dBμV/m)	Limit-PK (dBμV/m)	Limit-QP (dBμV/m)	Limit-AV (dBμV/m)	Antenna	Verdict
109.540	32.55	N/A	N/A	N/A	43.50	N/A	Vertical	PASS
565.440	33.87	N/A	N/A	N/A	46.00	N/A	Vertical	PASS
901.060	37.32	N/A	N/A	N/A	46.00	N/A	Vertical	PASS
5867.880	48.05	N/A	N/A	68.23	N/A	N/A	Vertical	PASS
8452.000	45.90	N/A	N/A	74.00	N/A	54.00	Vertical	PASS
10284.600	46.56	N/A	N/A	68.23	N/A	N/A	Vertical	PASS

(Antenna Vertical, 30MHz to 18GHz)

END OF REPORT