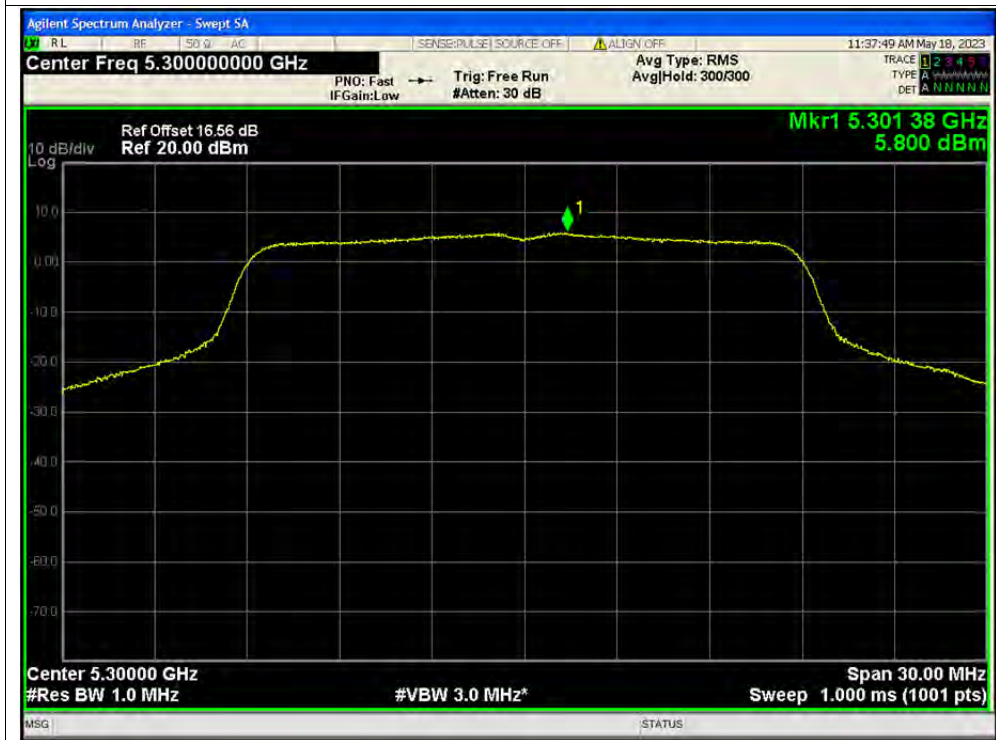




PSD NVNT n20 5300MHz Ant1

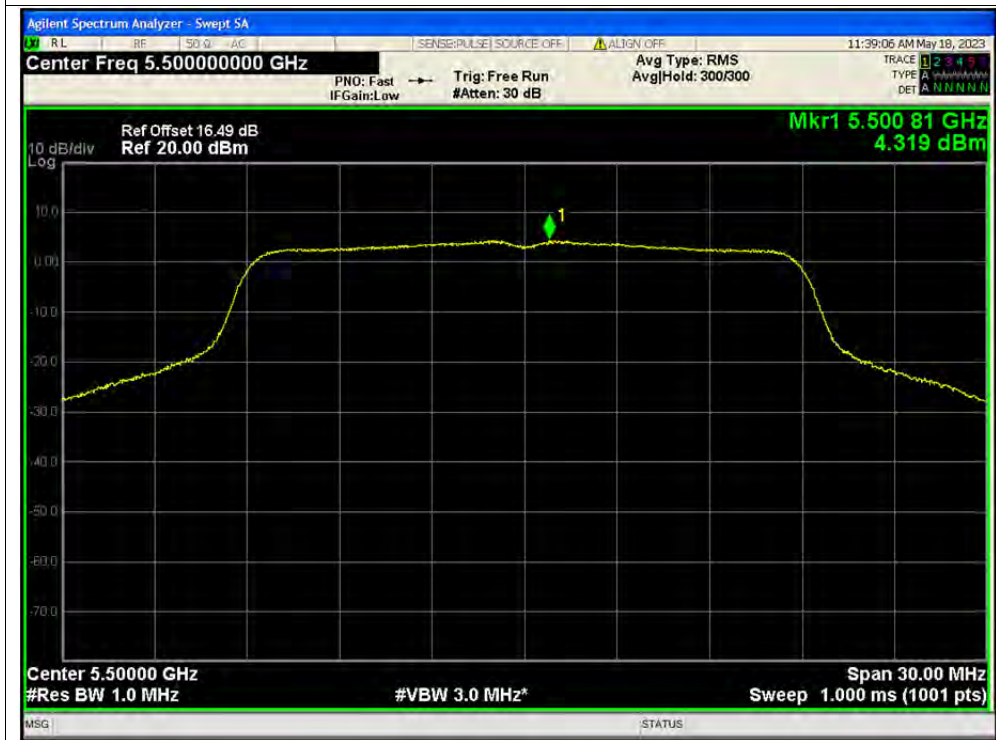


PSD NVNT n20 5320MHz Ant1





PSD NVNT n20 5500MHz Ant1



PSD NVNT n20 5600MHz Ant1





PSD NVNT n20 5720MHz Ant1

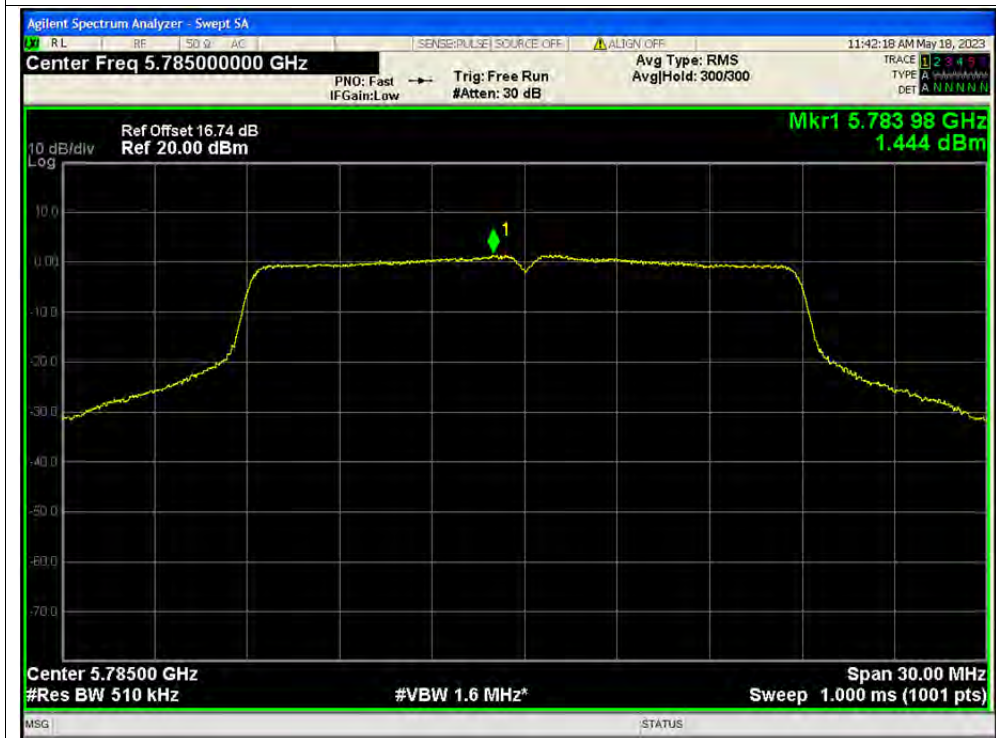


PSD NVNT n20 5745MHz Ant1





PSD NVNT n20 5785MHz Ant1

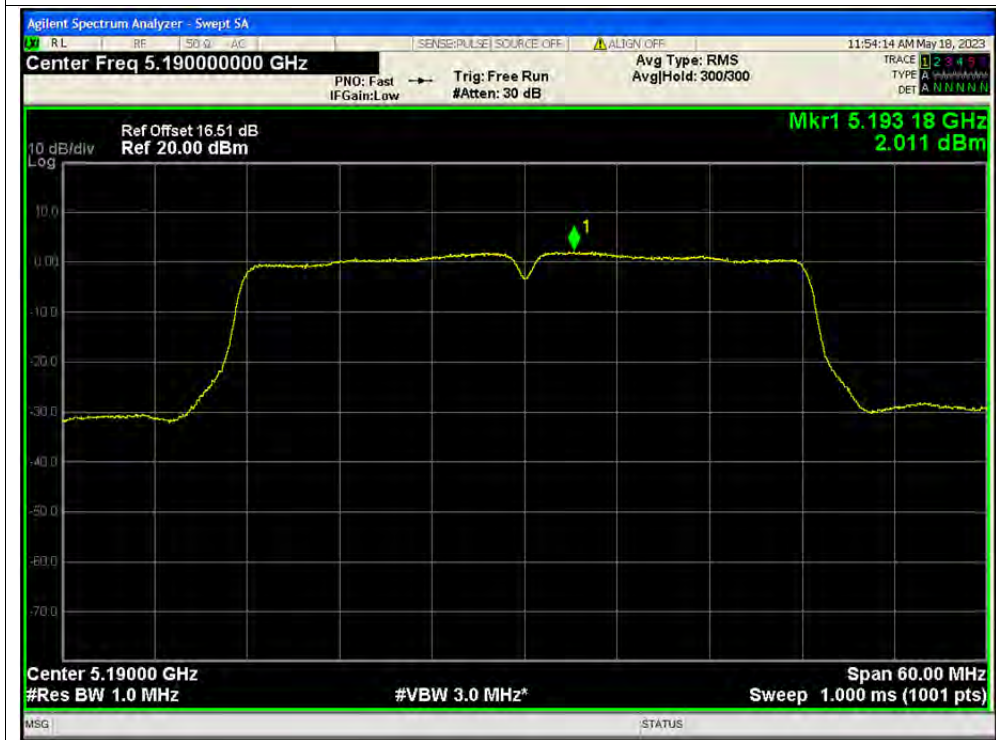


PSD NVNT n20 5825MHz Ant1





PSD NVNT n40 5190MHz Ant1



PSD NVNT n40 5230MHz Ant1





PSD NVNT n40 5270MHz Ant1

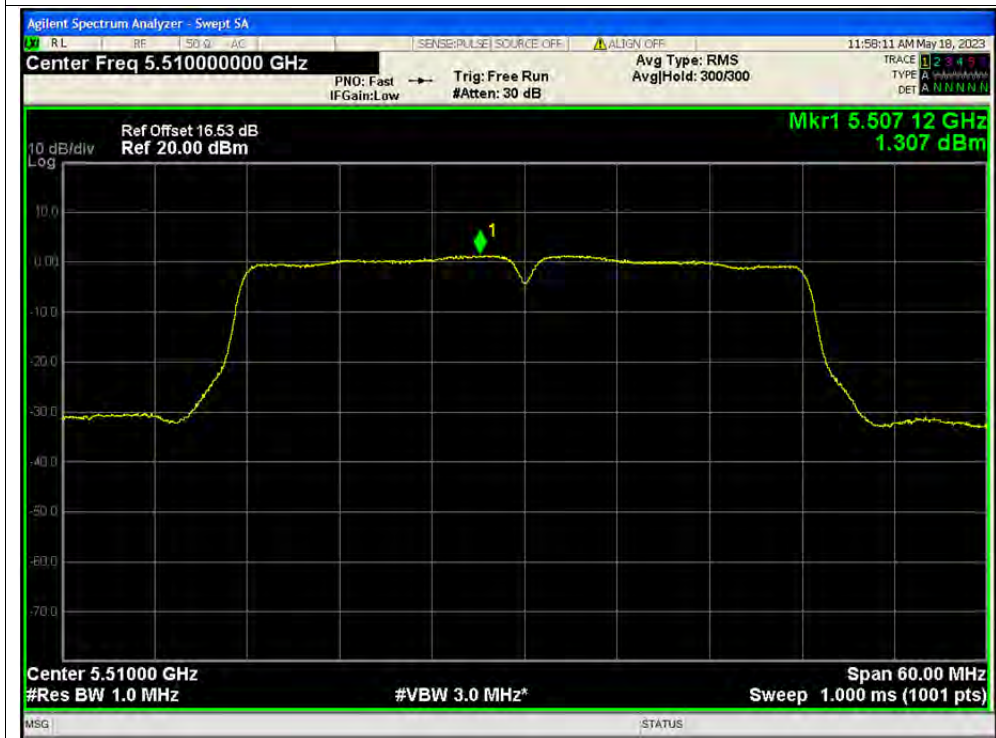


PSD NVNT n40 5310MHz Ant1





PSD NVNT n40 5510MHz Ant1

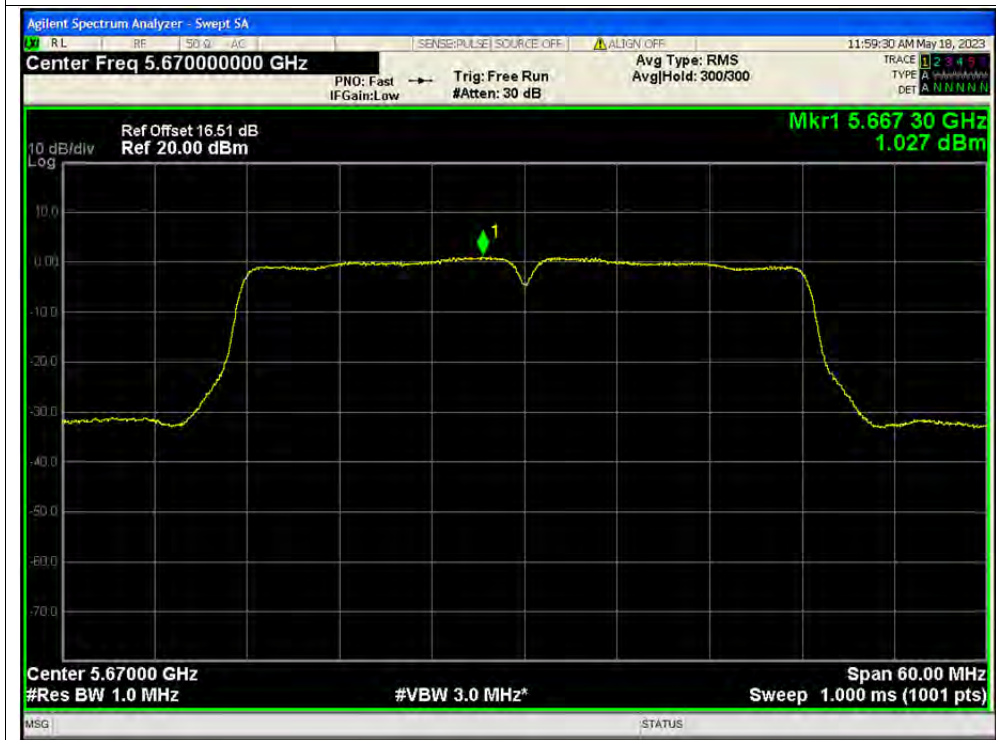


PSD NVNT n40 5630MHz Ant1





PSD NVNT n40 5670MHz Ant1



PSD NVNT n40 5755MHz Ant1





PSD NVNT n40 5795MHz Ant1



PSD NVNT ac20 5180MHz Ant1

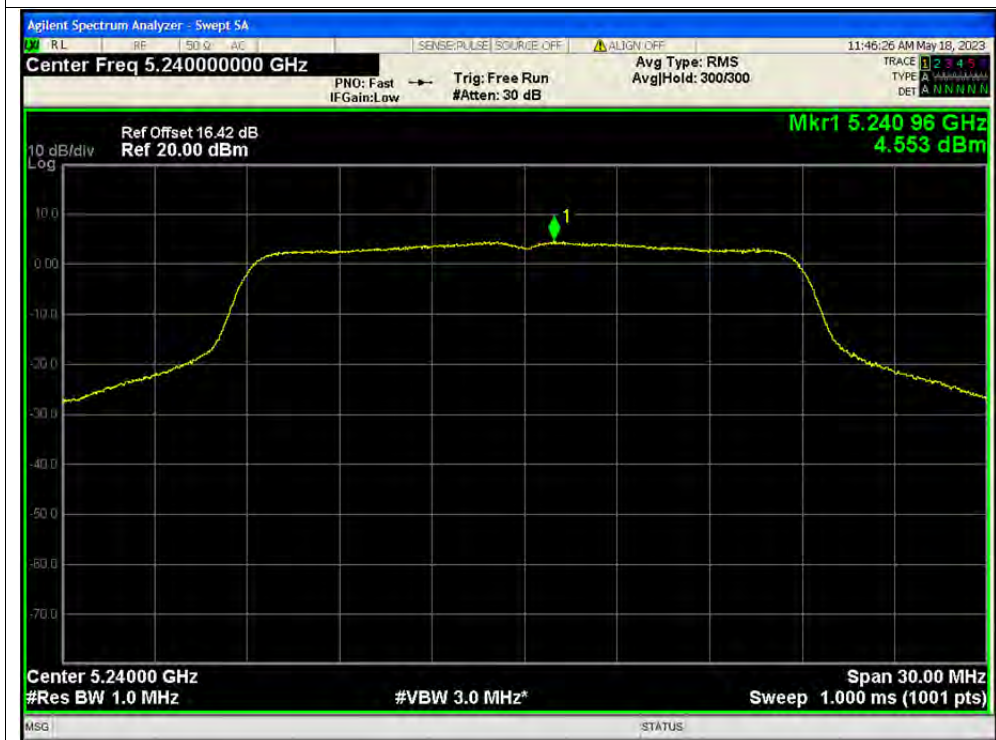




PSD NVNT ac20 5220MHz Ant1



PSD NVNT ac20 5240MHz Ant1





PSD NVNT ac20 5260MHz Ant1



PSD NVNT ac20 5300MHz Ant1

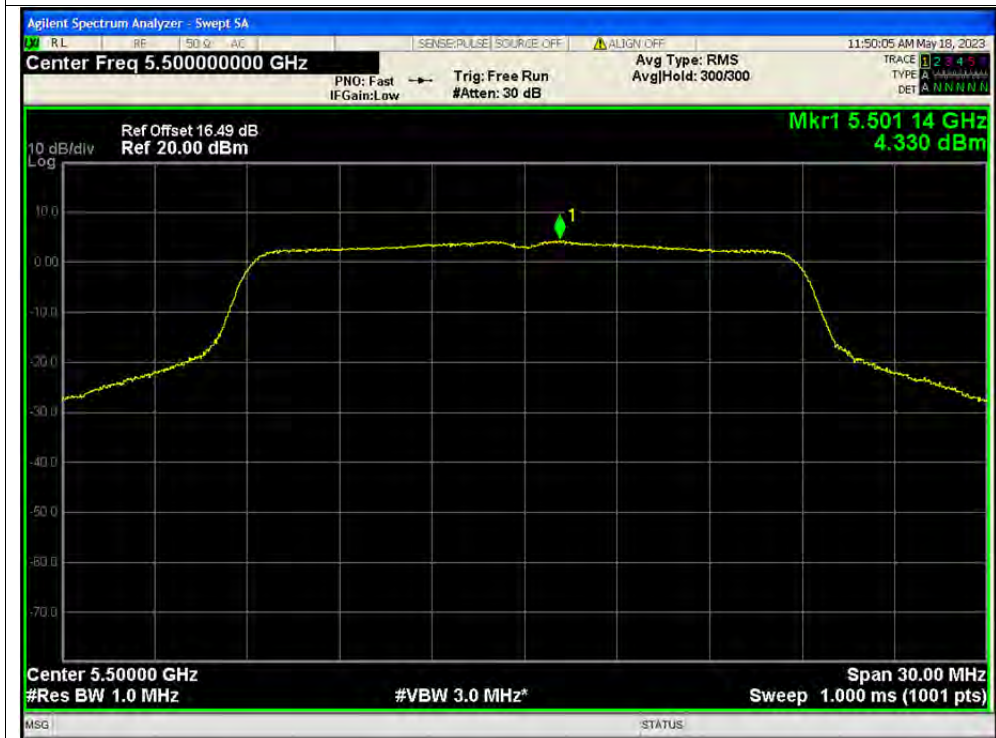




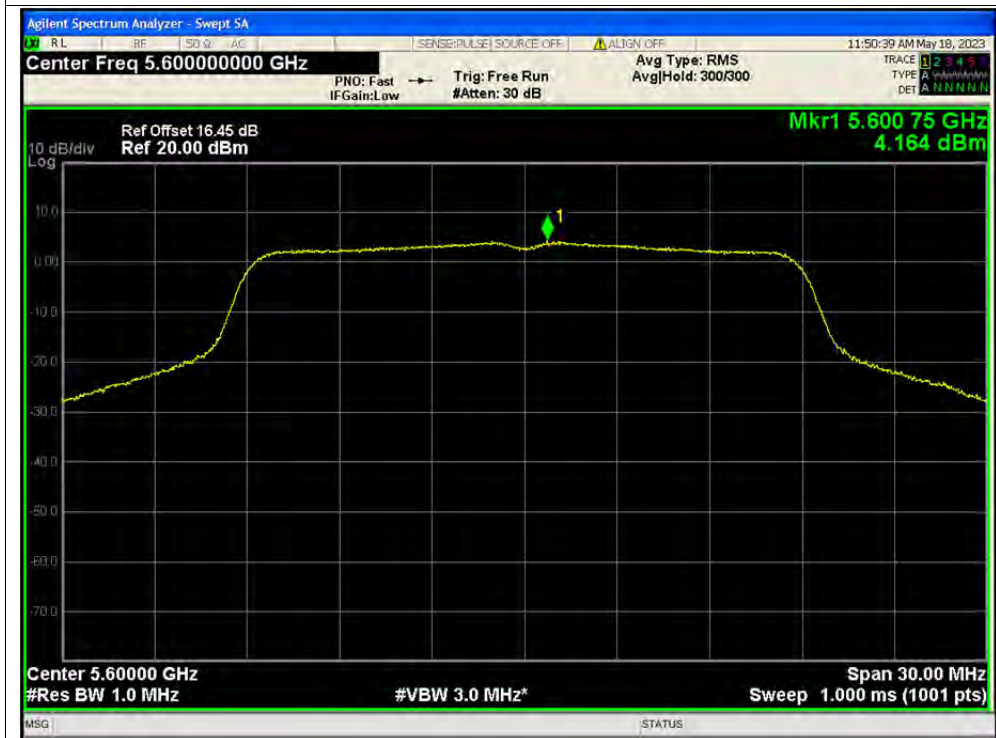
PSD NVNT ac20 5320MHz Ant1



PSD NVNT ac20 5500MHz Ant1



PSD NVNT ac20 5600MHz Ant1

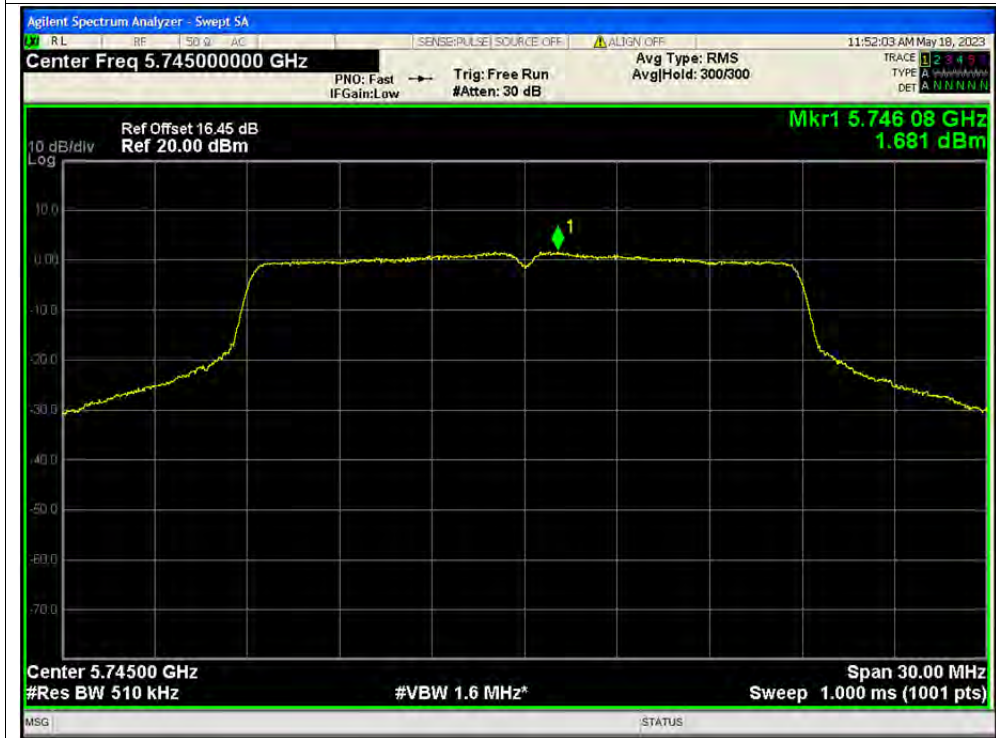


PSD NVNT ac20 5720MHz Ant1





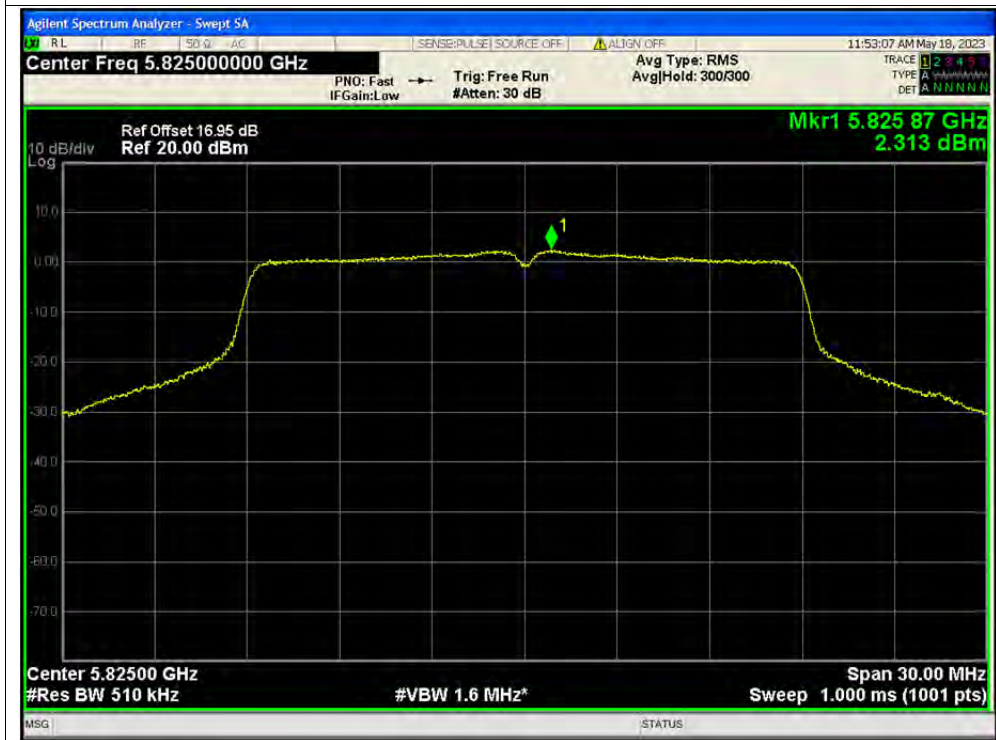
PSD NVNT ac20 5745MHz Ant1



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 5630MHz Ant1



PSD NVNT ac40 5670MHz 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 3.6V	Carrier	5180	Ant1	5179.993	-7000	-1.35	25	Pass
20C 4.4V	Carrier	5180	Ant1	5179.993	-7000	-1.35	25	Pass
-10C 3.85V	Carrier	5180	Ant1	5179.992	-8000	-1.54	25	Pass
0C 3.85V	Carrier	5180	Ant1	5179.992	-8000	-1.54	25	Pass
10C 3.85V	Carrier	5180	Ant1	5179.992	-8000	-1.54	25	Pass
20C 3.85V	Carrier	5180	Ant1	5179.992	-8000	-1.54	25	Pass
30C 3.85V	Carrier	5180	Ant1	5179.992	-8000	-1.54	25	Pass
40C 3.85V	Carrier	5180	Ant1	5179.992	-8000	-1.54	25	Pass
45C 3.85V	Carrier	5180	Ant1	5179.992	-8000	-1.54	25	Pass
20C 3.6V	Carrier	5260	Ant1	5259.992	-8000	-1.52	25	Pass
20C 4.4V	Carrier	5260	Ant1	5259.992	-8000	-1.52	25	Pass
-10C 3.85V	Carrier	5260	Ant1	5259.991	-9000	-1.71	25	Pass
0C 3.85V	Carrier	5260	Ant1	5259.991	-9000	-1.71	25	Pass
10C 3.85V	Carrier	5260	Ant1	5259.991	-9000	-1.71	25	Pass
20C 3.85V	Carrier	5260	Ant1	5259.991	-9000	-1.71	25	Pass
30C 3.85V	Carrier	5260	Ant1	5259.991	-9000	-1.71	25	Pass
40C 3.85V	Carrier	5260	Ant1	5259.991	-9000	-1.71	25	Pass
45C 3.85V	Carrier	5260	Ant1	5259.991	-9000	-1.71	25	Pass
20C 3.6V	Carrier	5500	Ant1	5499.99	-10000	-1.82	25	Pass
20C 4.4V	Carrier	5500	Ant1	5499.989	-11000	-2	25	Pass
-10C 3.85V	Carrier	5500	Ant1	5499.989	-11000	-2	25	Pass
0C 3.85V	Carrier	5500	Ant1	5499.989	-11000	-2	25	Pass
10C 3.85V	Carrier	5500	Ant1	5499.988	-12000	-2.18	25	Pass
20C 3.85V	Carrier	5500	Ant1	5499.988	-12000	-2.18	25	Pass
30C 3.85V	Carrier	5500	Ant1	5499.988	-12000	-2.18	25	Pass
40C 3.85V	Carrier	5500	Ant1	5499.988	-12000	-2.18	25	Pass
45C 3.85V	Carrier	5500	Ant1	5499.988	-12000	-2.18	25	Pass
20C 3.6V	Carrier	5745	Ant1	5744.987	-13000	-2.26	25	Pass
20C 4.4V	Carrier	5745	Ant1	5744.987	-13000	-2.26	25	Pass
-10C 3.85V	Carrier	5745	Ant1	5744.987	-13000	-2.26	25	Pass
0C 3.85V	Carrier	5745	Ant1	5744.987	-13000	-2.26	25	Pass
10C 3.85V	Carrier	5745	Ant1	5744.986	-14000	-2.44	25	Pass
20C 3.85V	Carrier	5745	Ant1	5744.986	-14000	-2.44	25	Pass
30C 3.85V	Carrier	5745	Ant1	5744.986	-14000	-2.44	25	Pass



REPORT No.: SZ23040073W07

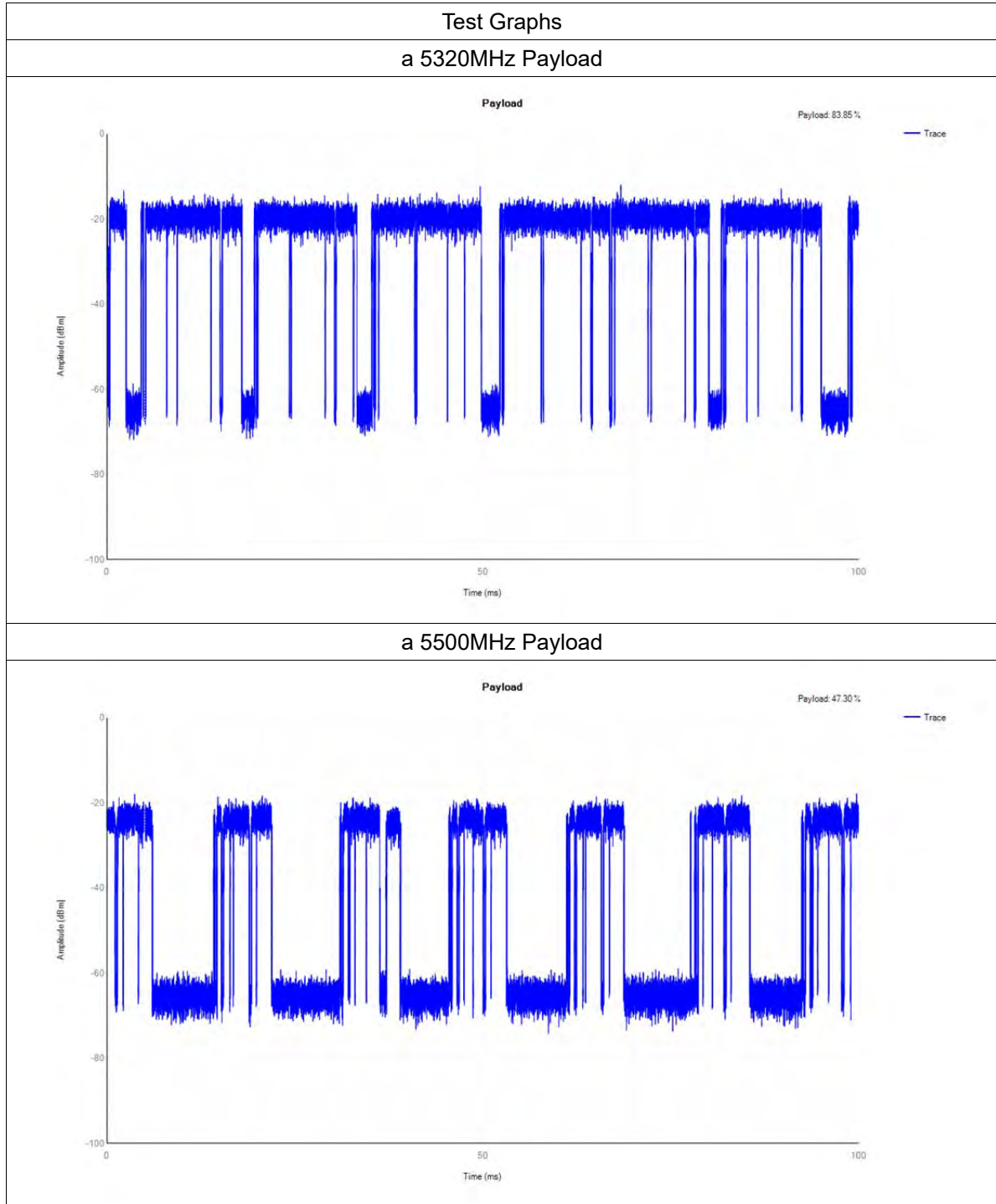
40C 3.85V	Carrier	5745	Ant1	5744.986	-14000	-2.44	25	Pass
45C 3.85V	Carrier	5745	Ant1	5744.986	-14000	-2.44	25	Pass

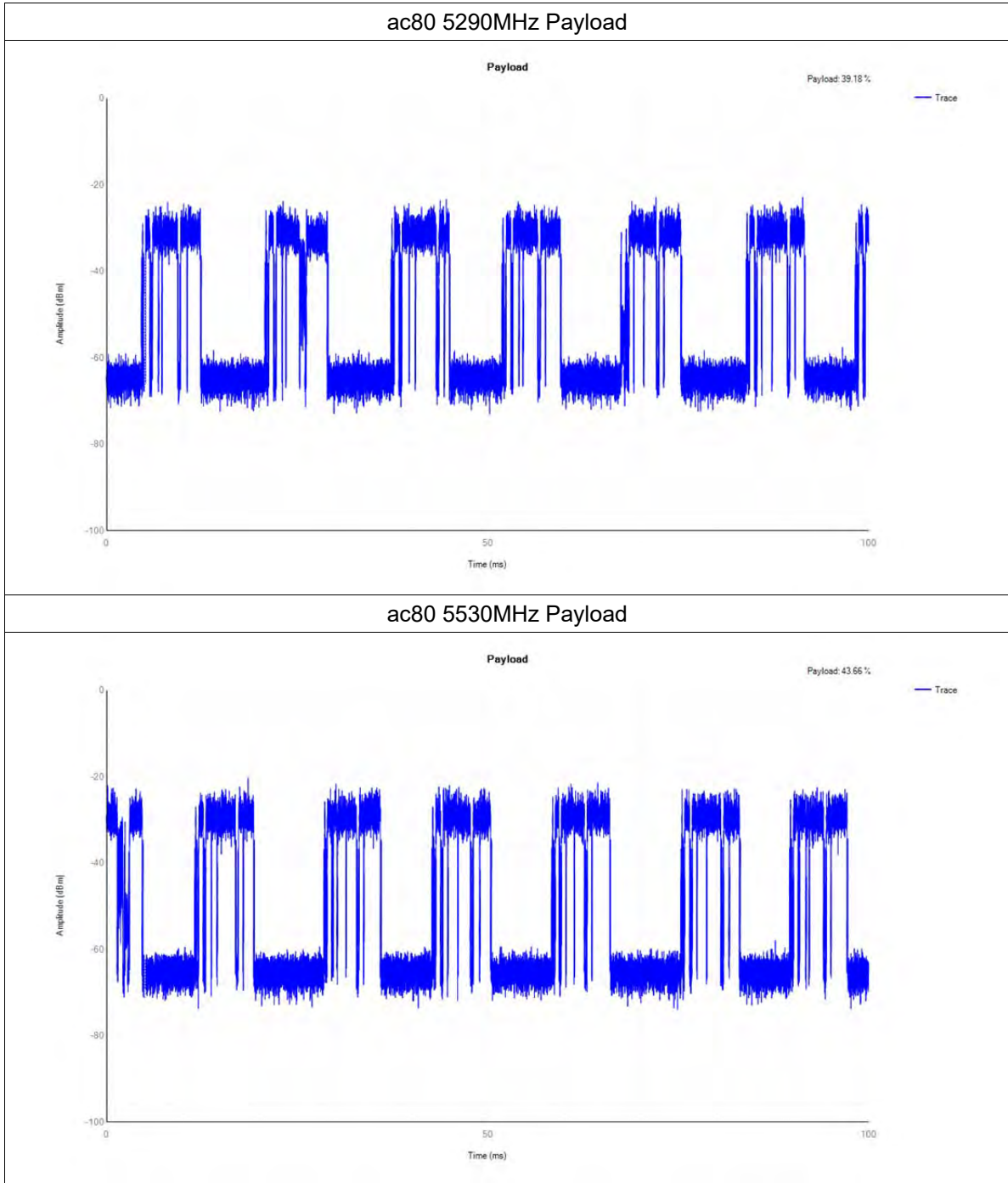


A.6. Dynamic Frequency Selection

Payload

Mode	Frequency (MHz)	Result	Verdict
a	5320	83.86	Pass
a	5500	47.33	Pass
ac80	5290	39.15	Pass
ac80	5530	43.56	Pass

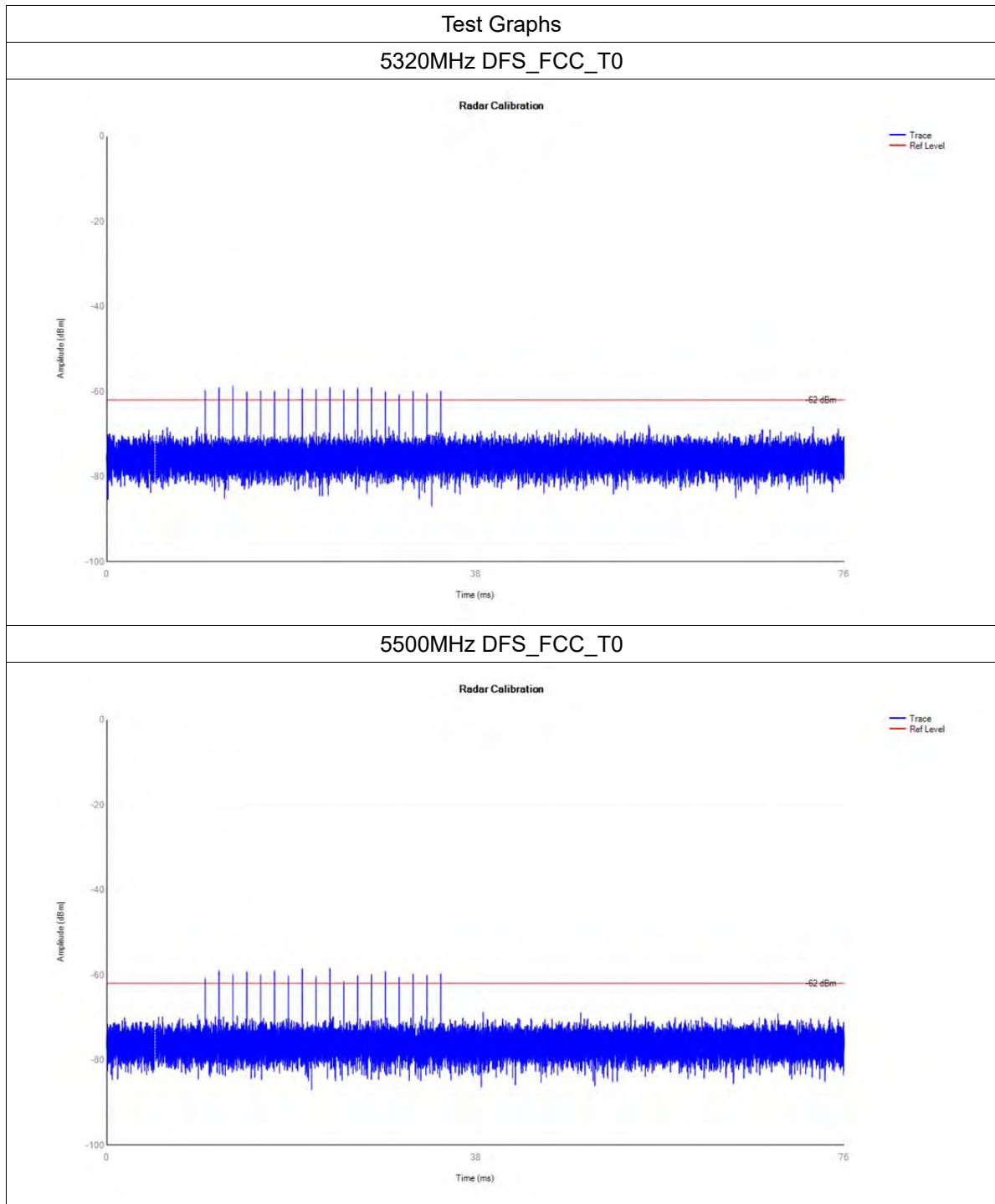


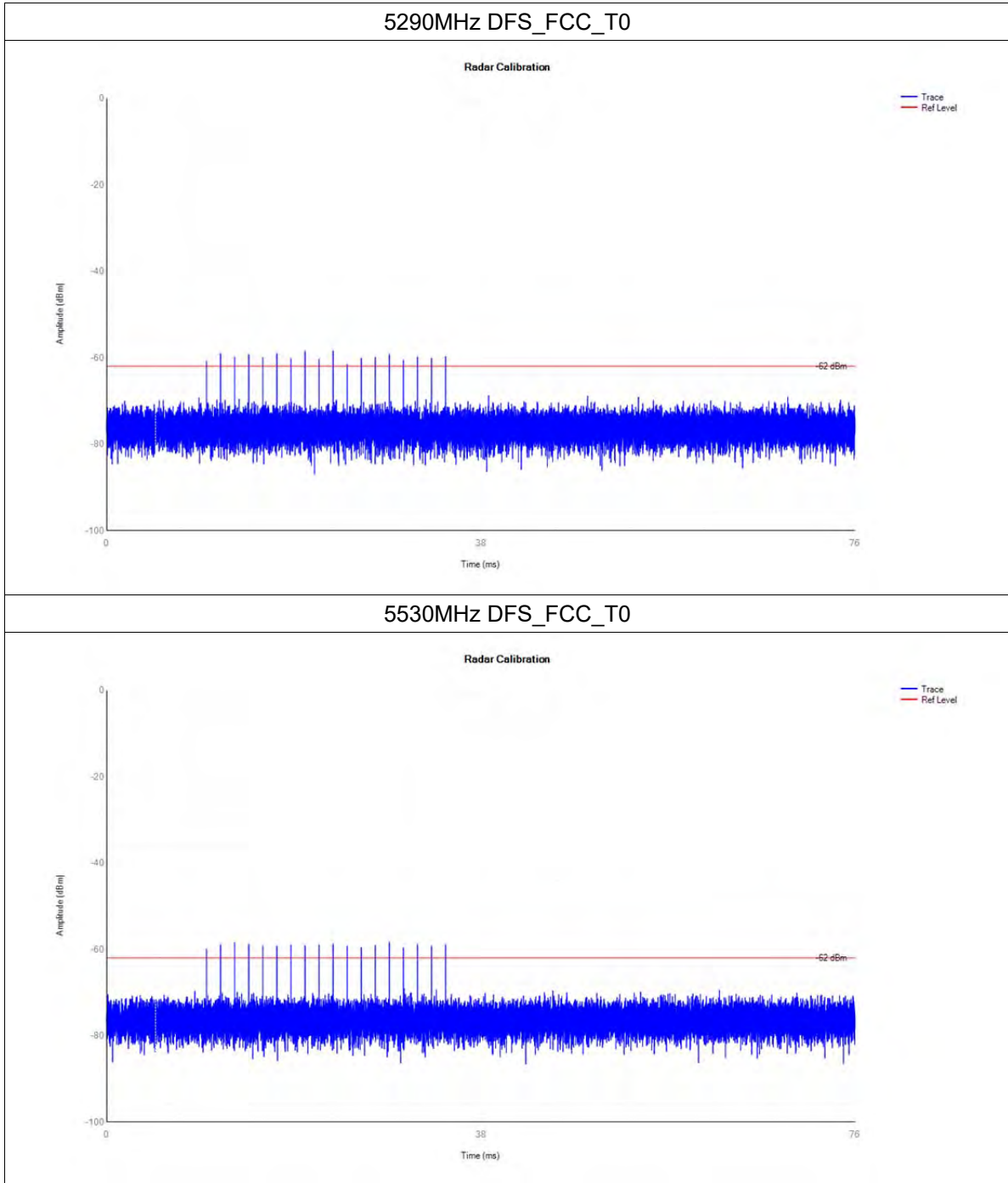




Calibration

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





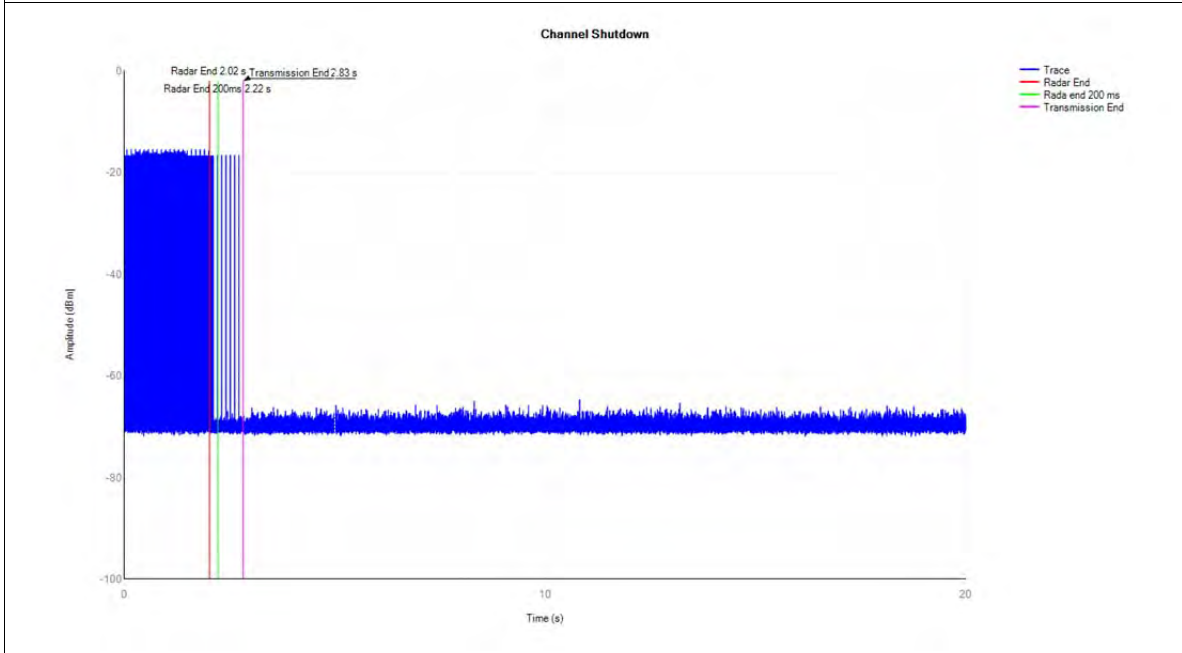


Channel Move Time and Channel Closing Transmission Time

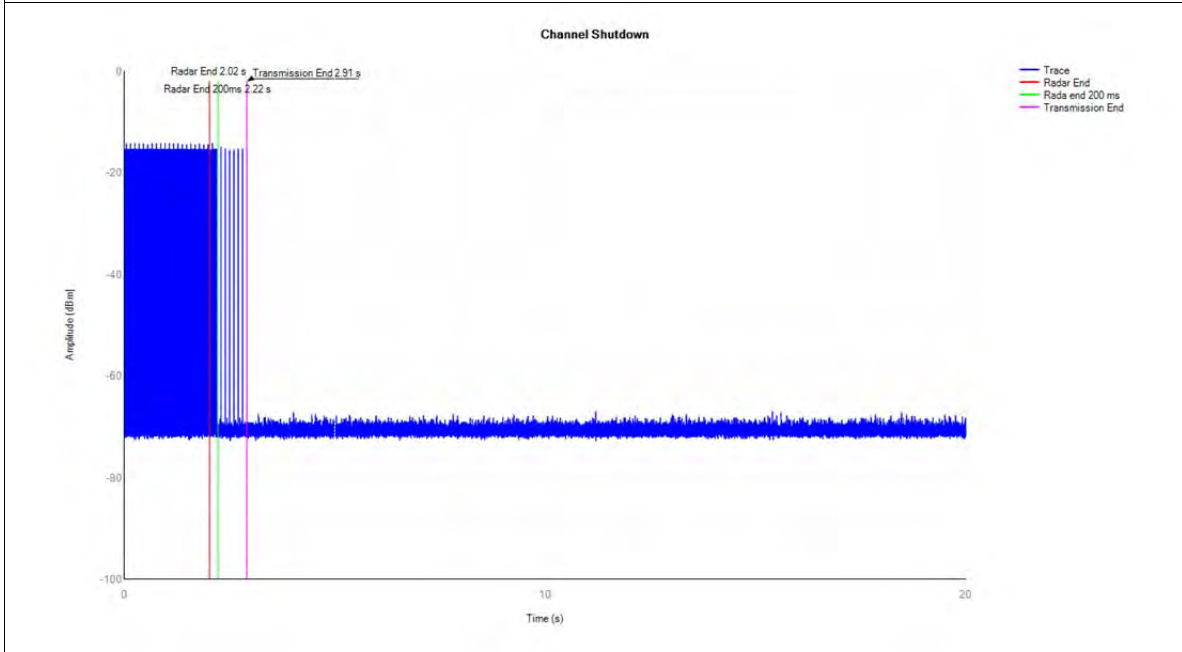
Mode	Frequency (MHz)	Channel Move Time (s)	Limit Channel Move Time (s)	Close Transmission Time (s)	Limit Close Transmission Time (s)	Close Transmission Time after 200ms(s)	Limit Close Transmission Time after 200ms (s)	Verdict
a	5320	0.803	10	0.042	0.26	0.007	0.06	Pass
a	5500	0.889	10	0.049	0.26	0.009	0.06	Pass
ac80	5290	0.849	10	0.055	0.26	0.009	0.06	Pass
ac80	5530	0.757	10	0.023	0.26	0.007	0.06	Pass

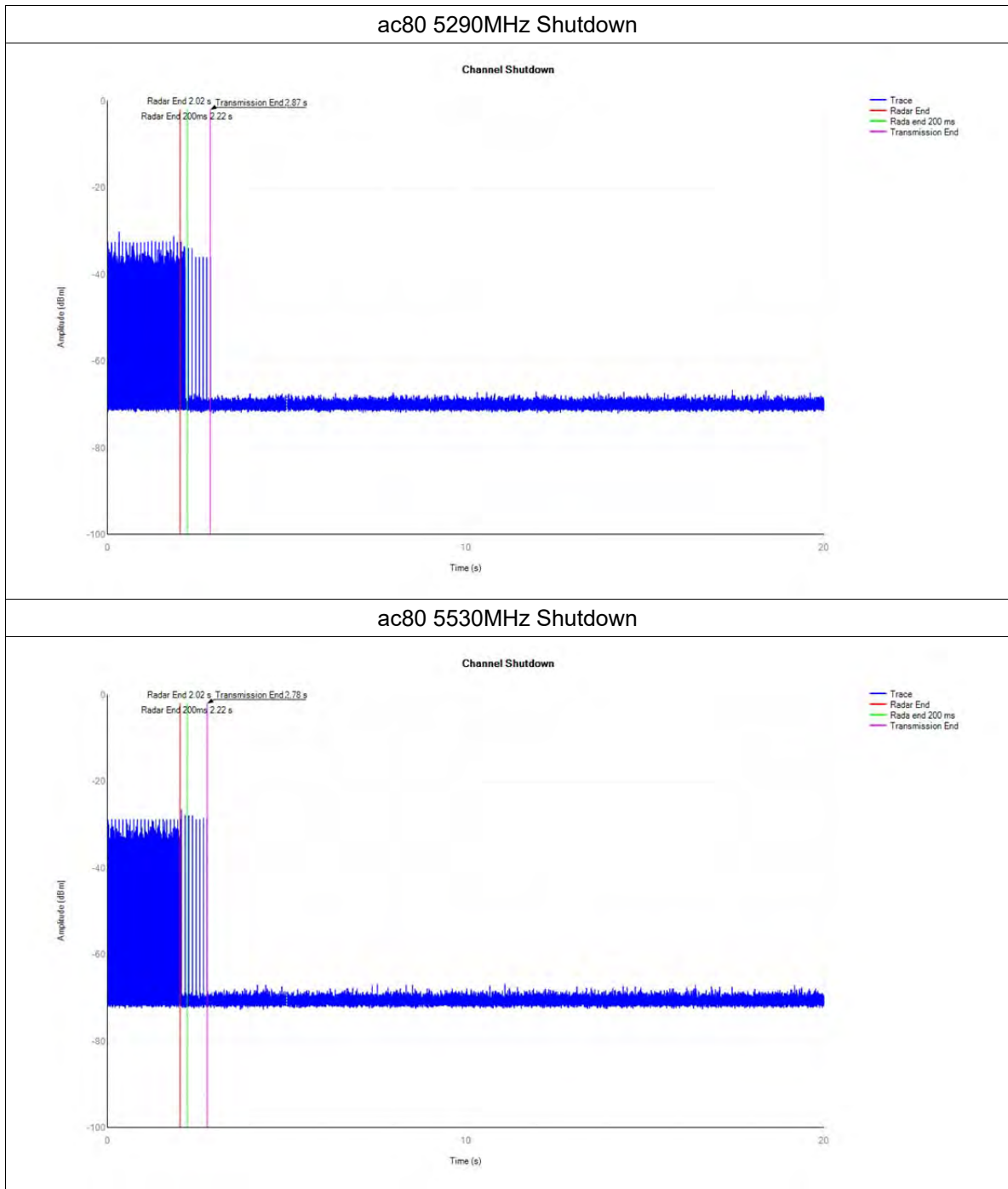
Test Graphs

a 5320MHz Shutdown



a 5500MHz Shutdown



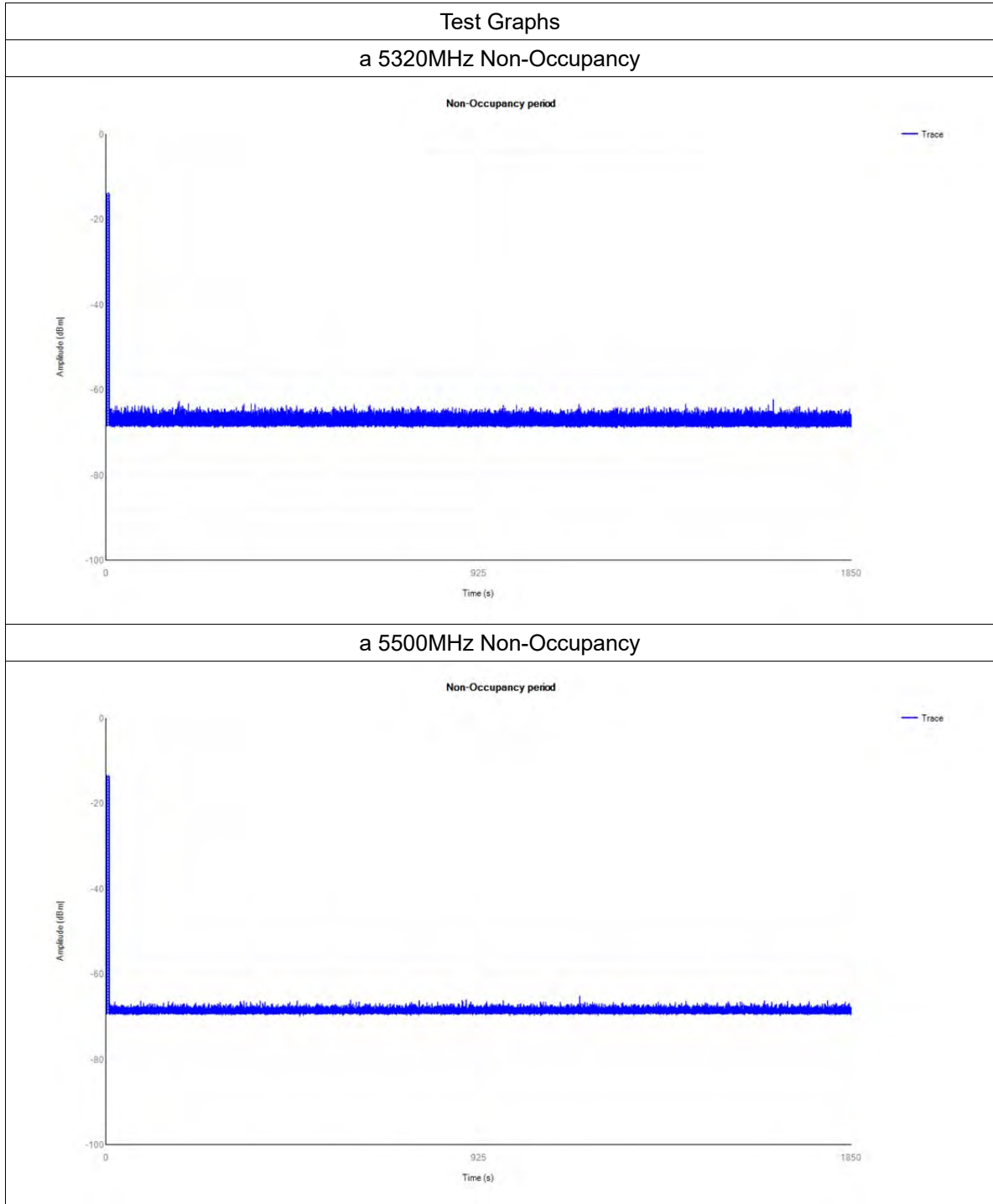


Note: The signal above the noise floor after the radar signal ends is the signal which leaked from other channels that have been moved following the Master device.



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

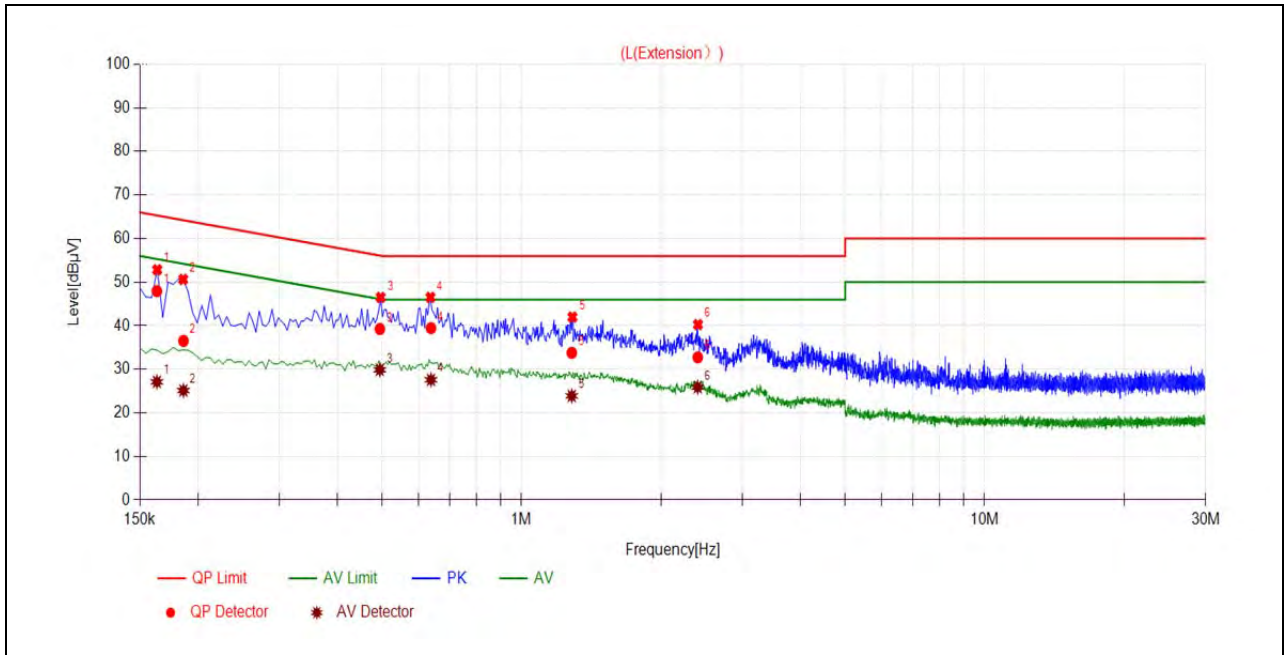
The measurement results are obtained as below:

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

U_R : Receiver Reading

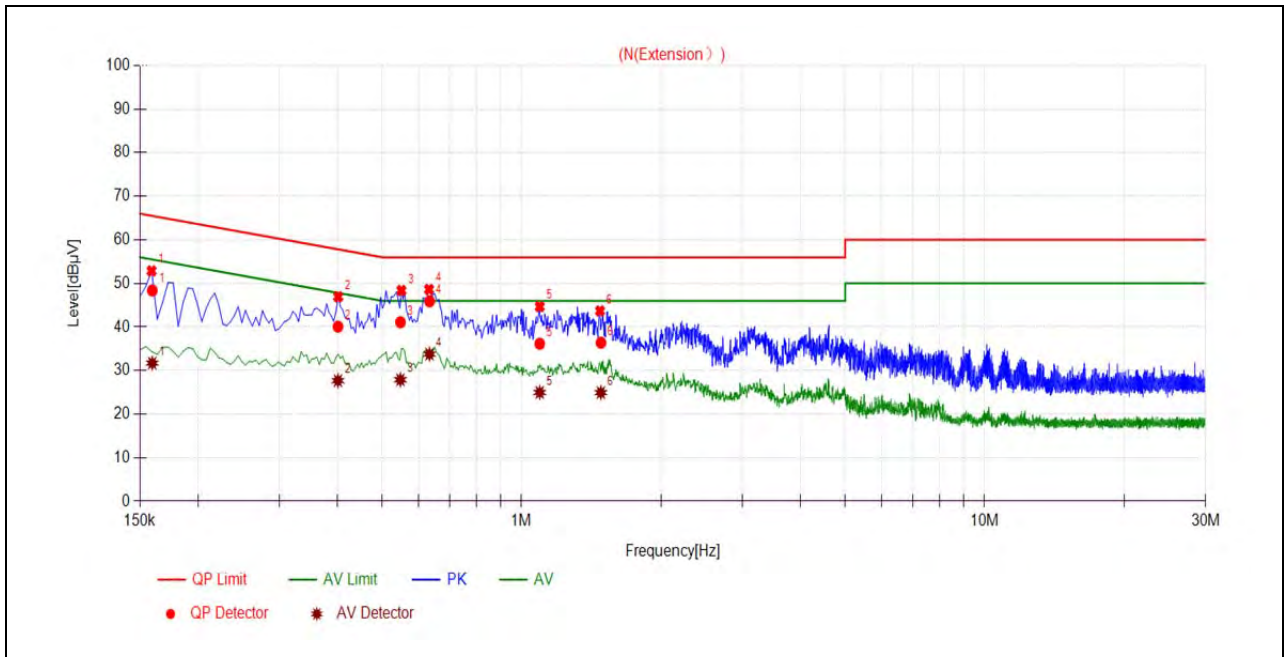
A_{Factor} : Voltage division factor of LISN

B. Test Plot:



(L Phase)

No.	Fre. (MHz)	Emission Level (dBµV)		Limit (dBµV)		Power-line	Verdict
		Quai-peak	Average	Quai-peak	Average		
1	0.1632	47.94	27.11	65.30	55.30	Line	PASS
2	0.1862	36.51	25.12	64.21	54.21		PASS
3	0.4944	39.24	29.87	56.09	46.09		PASS
4	0.6376	39.45	27.58	56.00	46.00		PASS
5	1.2837	33.77	23.89	56.00	46.00		PASS
6	2.4014	32.74	25.87	56.00	46.00		PASS



(N Phase)

No.	Fre. (MHz)	Emission Level (dBµV)		Limit (dBµV)		Power-line	Verdict
		Quai-peak	Average	Quai-peak	Average		
1	0.1595	48.38	31.71	65.49	55.49	Neutral	PASS
2	0.4015	40.08	27.67	57.82	47.82		PASS
3	0.5477	41.08	27.88	56.00	46.00		PASS
4	0.6329	45.89	33.76	56.00	46.00		PASS
5	1.0948	36.15	24.98	56.00	46.00		PASS
6	1.4841	36.39	24.93	56.00	46.00		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

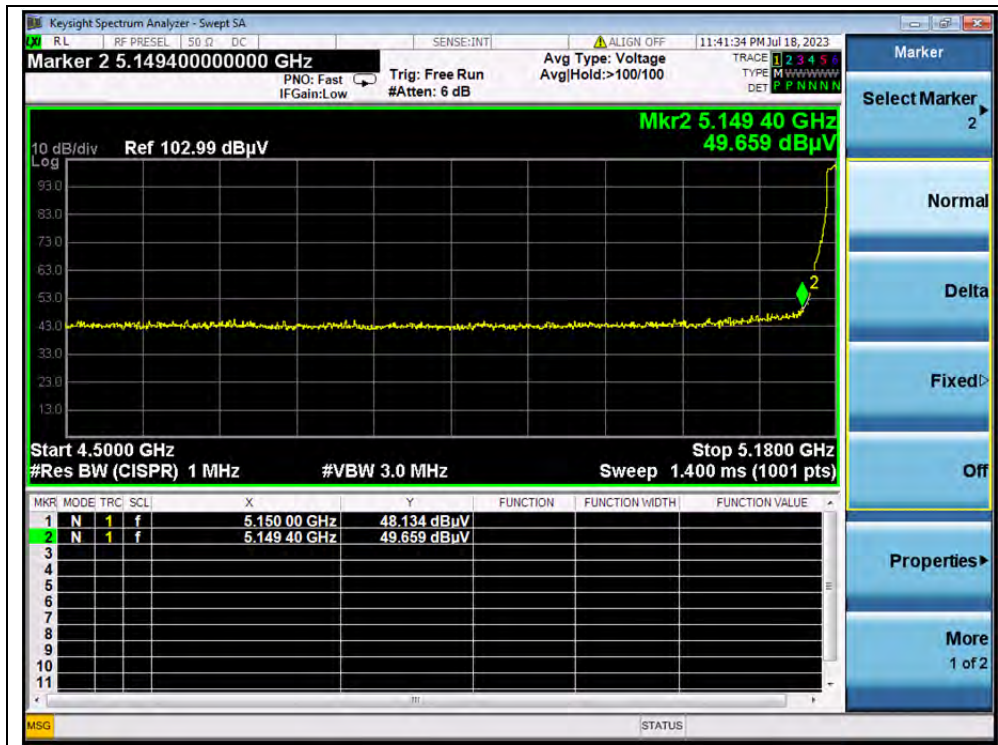
A_{Factor} : Antenna Factor at 3m

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.

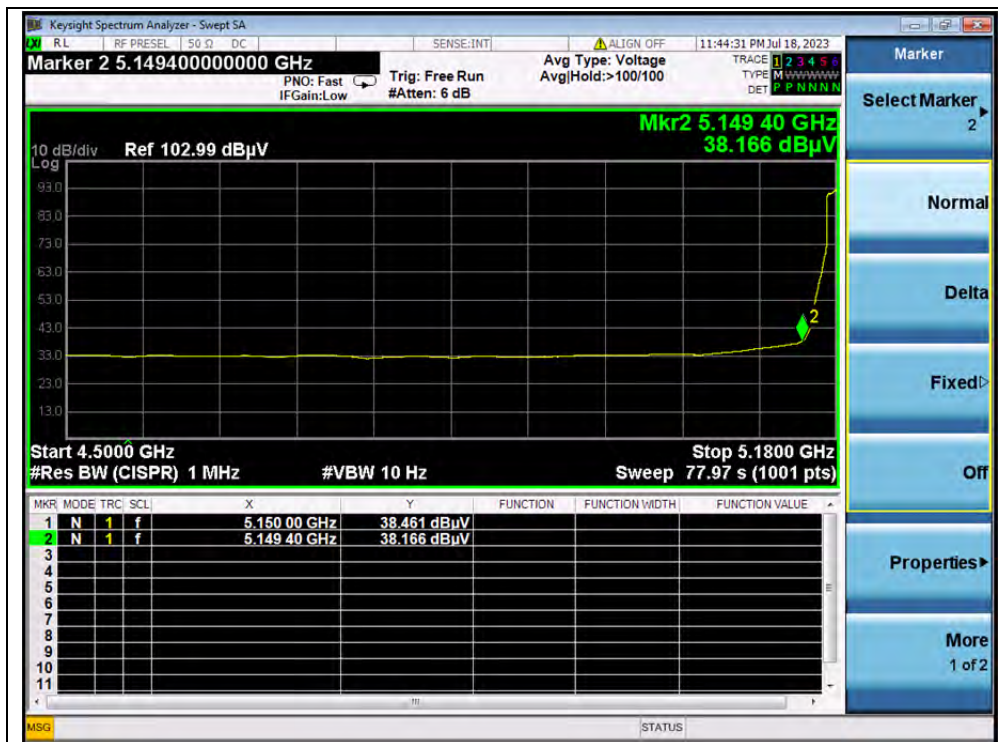
Note 2: All test modes and bandwidth were considered and evaluated respectively by performing full test, only the worst data were recorded for each bandwidth.

802.11a Mode

Channel	Frequency (MHz)	Detector	Receiver Reading	A_T (dB)	A_{Factor} (dB@3m)	Max. Emission E (dB μ V/m)	Limit (dB μ V/m)	Verdict
		PK/ AV	U_R (dB μ V)					
36	5149.40	PK	49.66	-19.54	32.20	62.32	74	PASS
36	5150.00	AV	38.46	-19.54	32.20	51.12	54	PASS
64	5359.62	PK	44.93	-18.80	32.20	58.33	74	PASS
64	5350.24	AV	35.23	-18.80	32.20	48.63	54	PASS
100	5466.00	PK	45.41	-19.20	32.20	58.41	68.23	PASS
100	5460.00	AV	34.12	-19.20	32.20	47.12	54	PASS
144	5725.80	PK	45.72	-19.20	32.20	58.72	68.23	PASS
149	5725.00	PK	53.02	-19.01	32.20	66.21	122.23	PASS
165	5850.00	PK	42.70	-19.01	32.20	55.89	122.23	PASS



(PEAK, Channel 36, 802.11a)



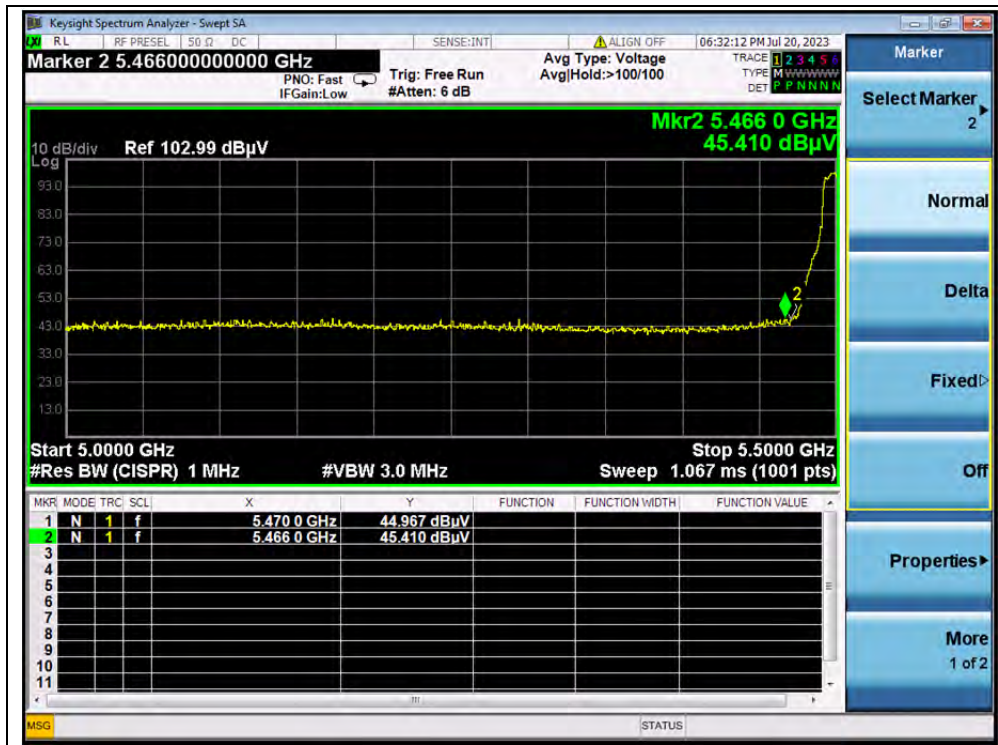
(AVERAGE, Channel 36, 802.11a)



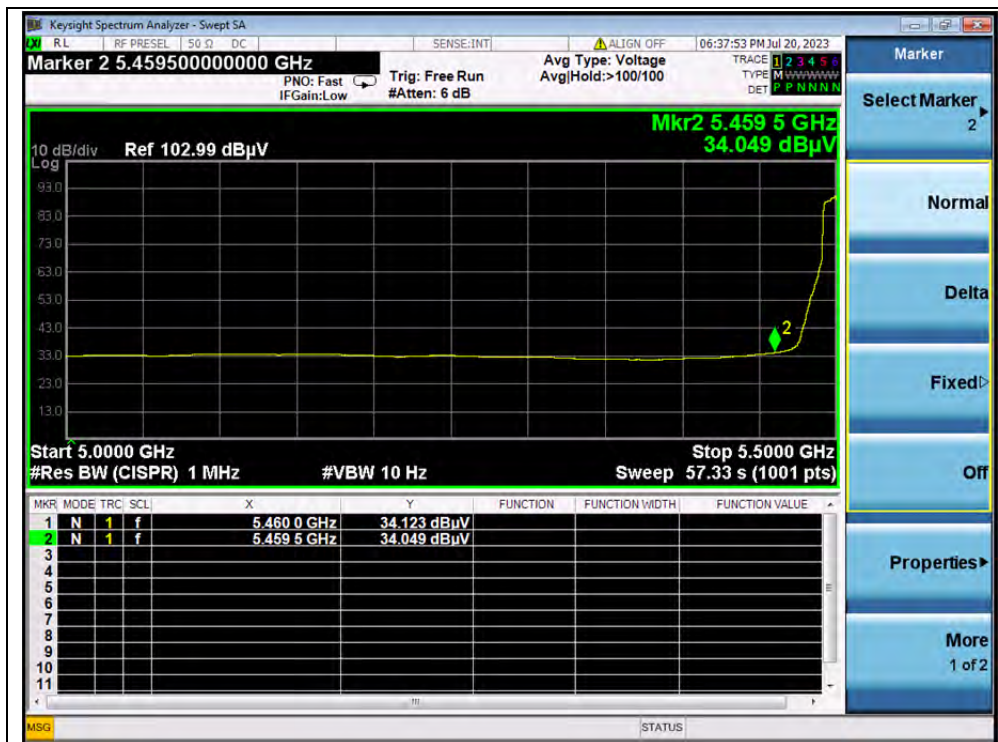
(PEAK, Channel 64, 802.11a)



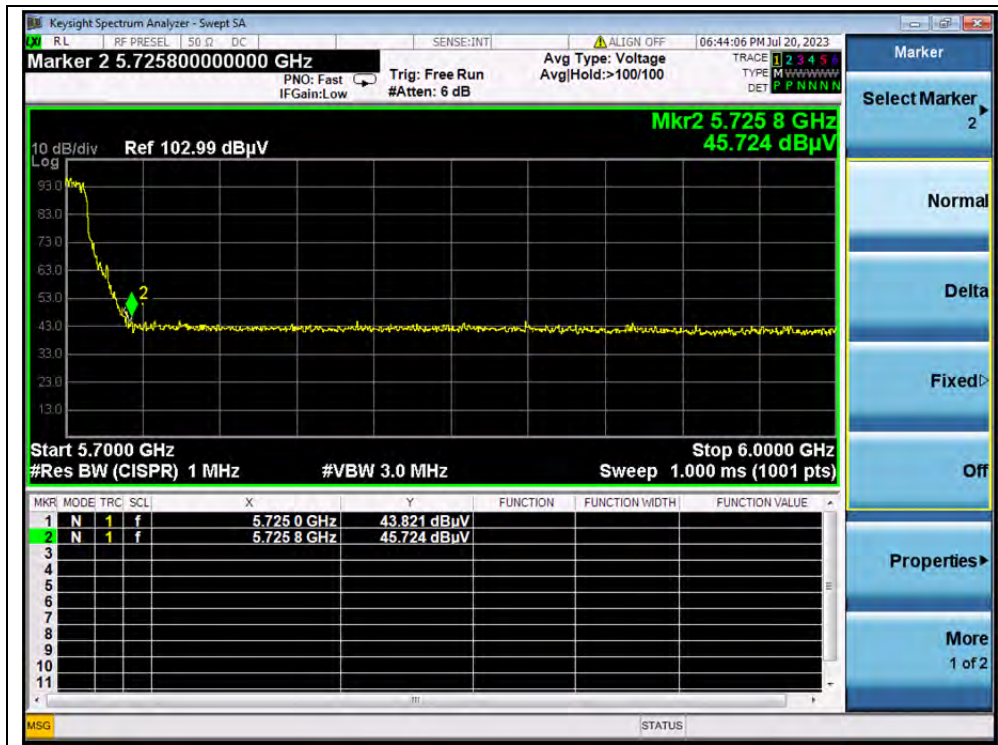
(AVERAGE, Channel 64, 802.11a)



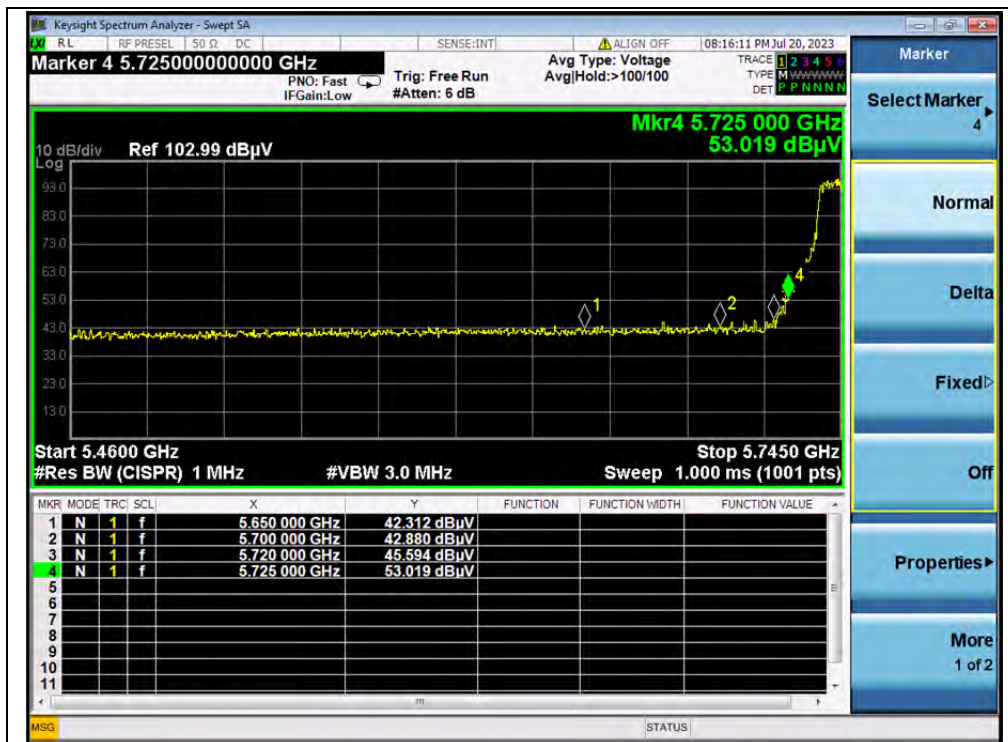
(PEAK, Channel 100, 802.11a)



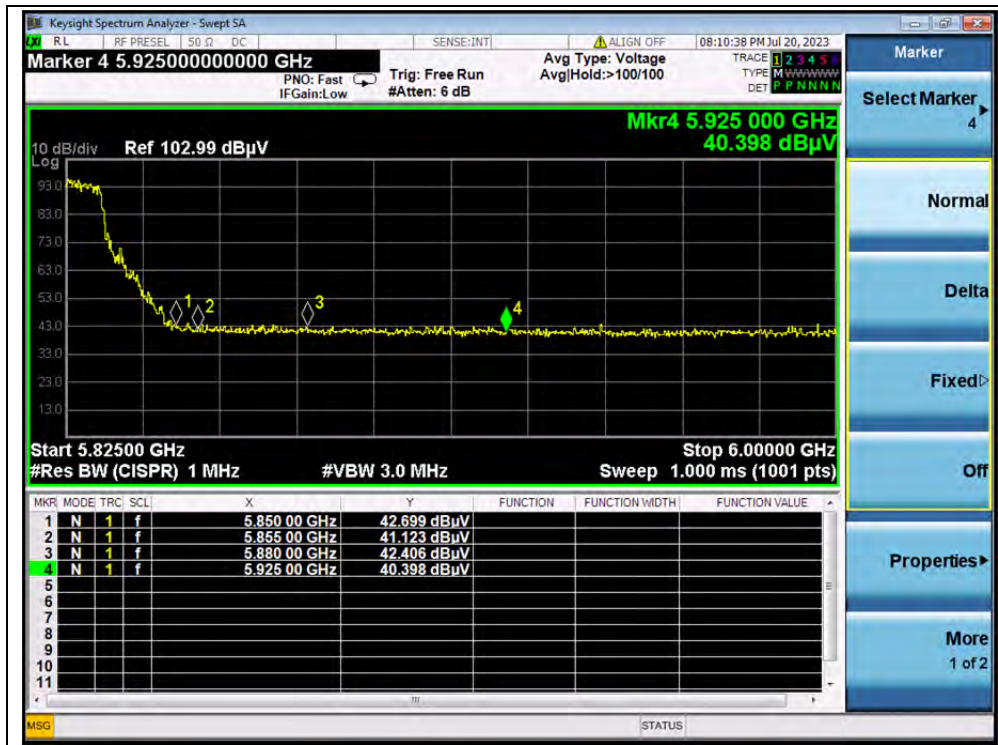
(AVERAGE, Channel 100, 802.11a)



(PEAK, Channel 144, 802.11a)



(PEAK, Channel 149, 802.11a)

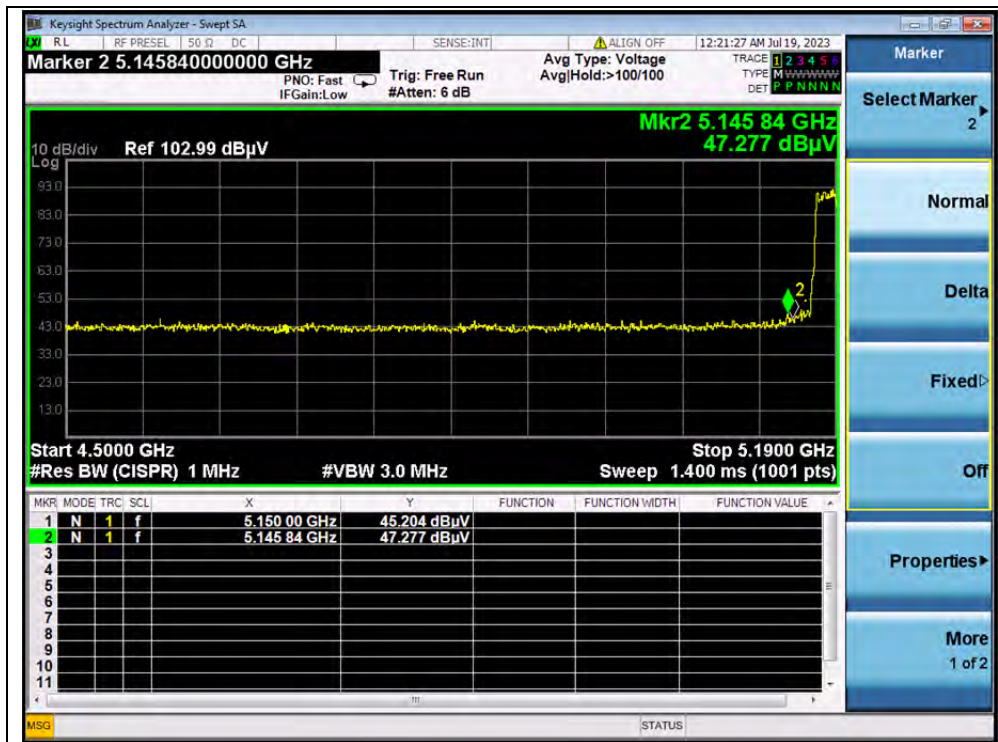


(PEAK, Channel 165, 802.11a)

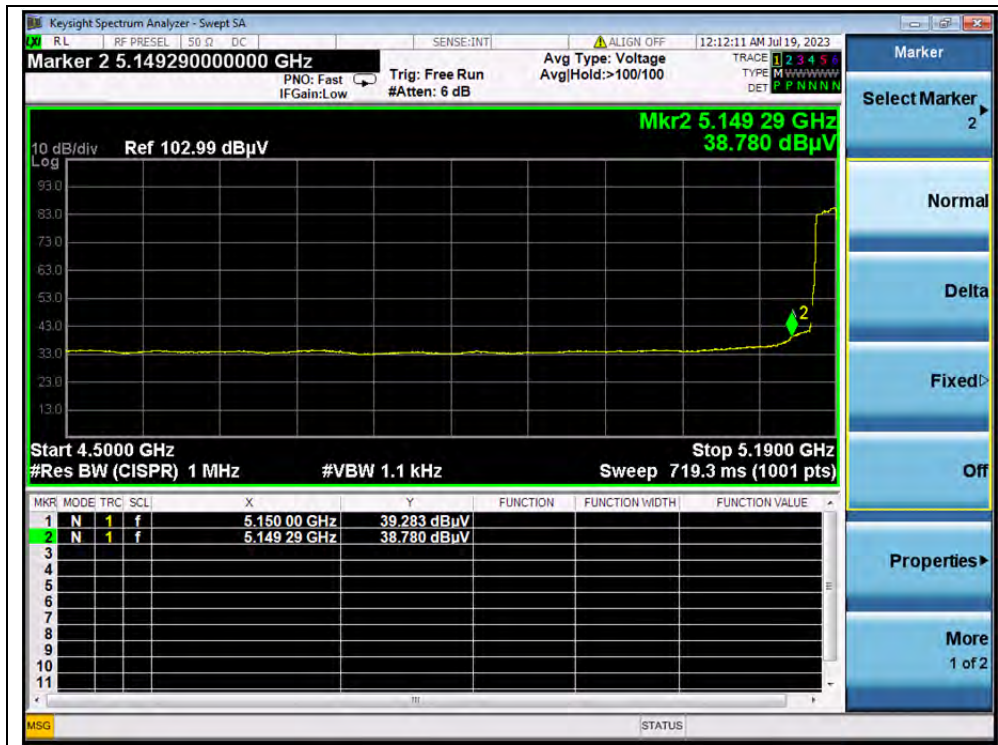


802.11n (HT40) Mode

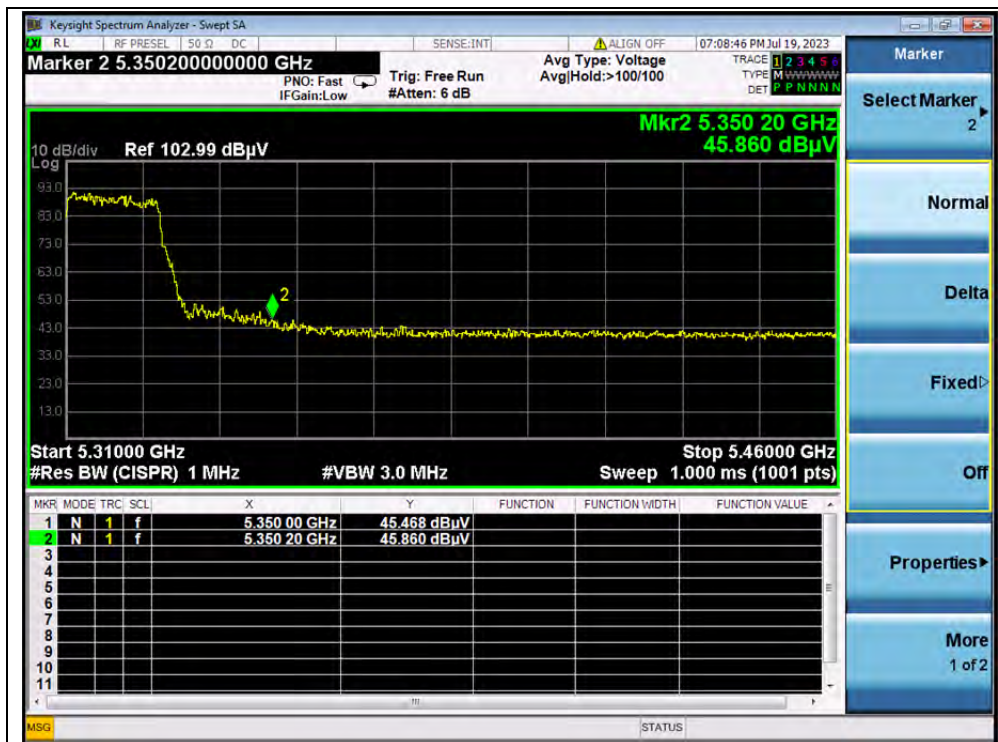
Channel	Frequency (MHz)	Detector	Receiver Reading	A_T	A_{Factor}	Max. Emission E	Limit (dB μ V/m)	Verdict
		PK/ AV	U_R (dB μ V)	(dB)	(dB@3m)	(dB μ V/m)		
38	5145.84	PK	47.28	-19.54	32.20	59.94	74	PASS
38	5150.00	AV	39.28	-19.54	32.20	51.94	54	PASS
62	5350.20	PK	45.86	-18.80	32.20	59.26	74	PASS
62	5350.00	AV	39.13	-18.80	32.20	52.53	54	PASS
102	5468.69	PK	52.35	-19.20	32.20	65.35	68.23	PASS
102	5460.00	AV	38.22	-19.20	32.20	51.22	54	PASS
142	5747.88	PK	44.96	-19.20	32.20	57.96	68.23	PASS
151	5725.00	PK	56.42	-19.01	32.20	69.61	122.23	PASS
159	5850.00	PK	42.61	-19.01	32.20	55.80	122.23	PASS



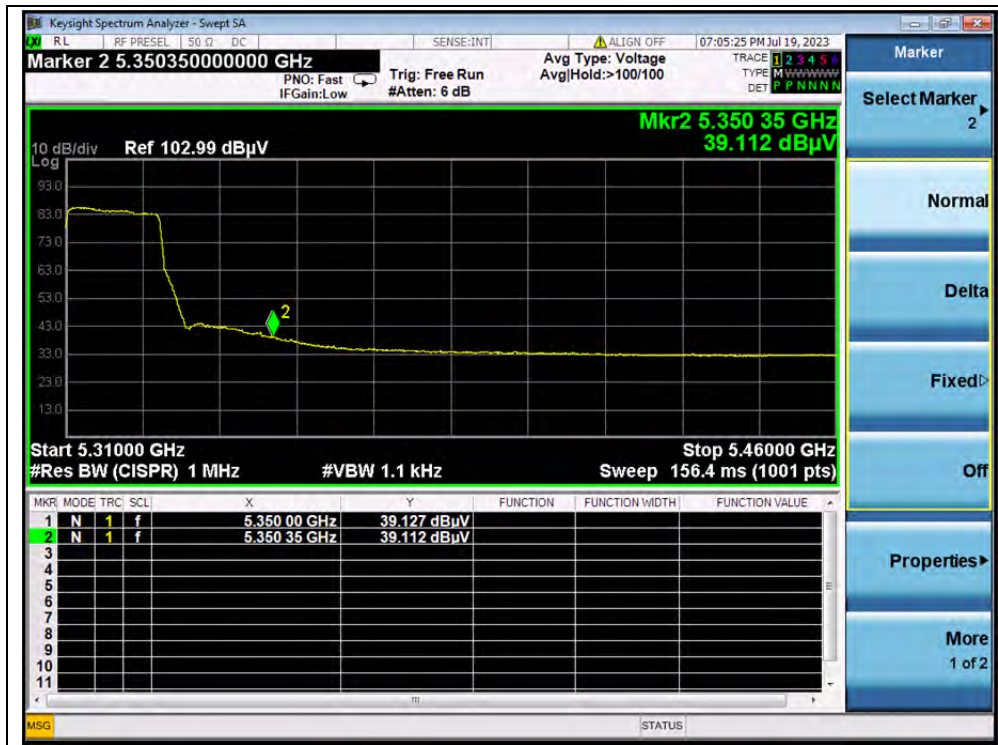
(PEAK, Channel 38, 802.11n (HT40))



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



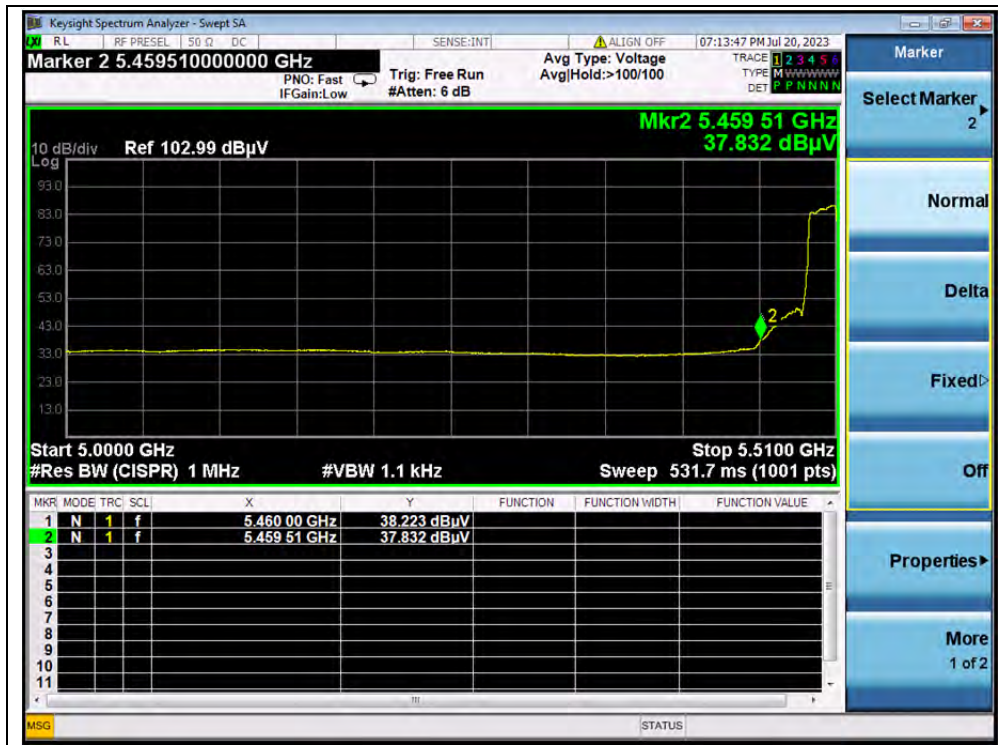
(PEAK, Channel 62, 802.11n (HT40))



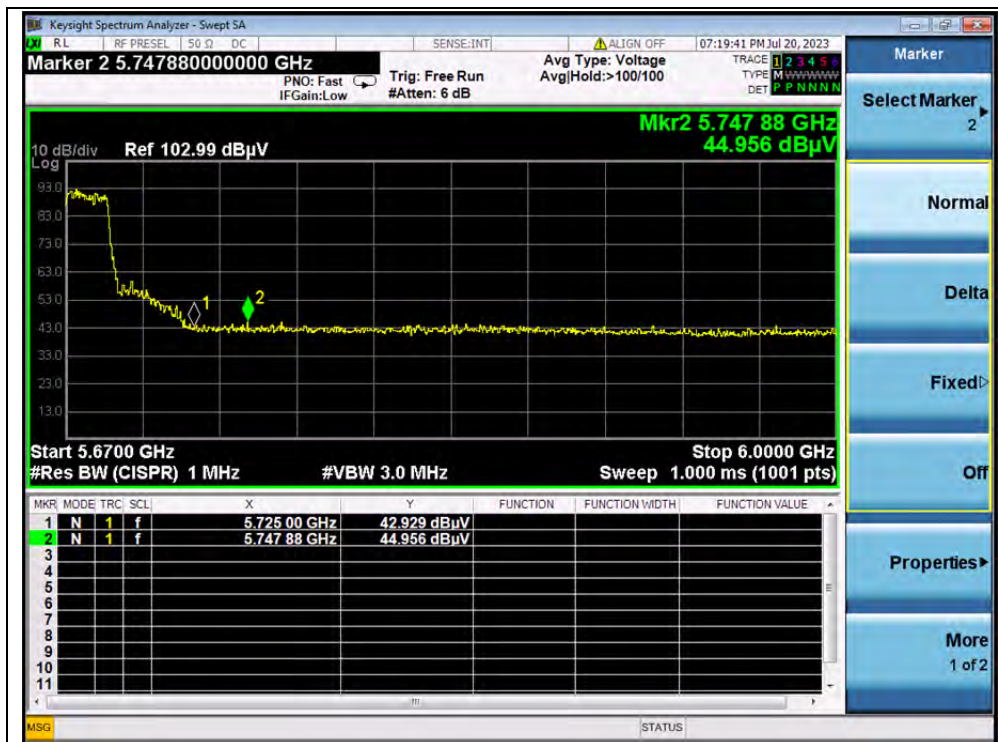
(AVERAGE, Channel 62, 802.11n (HT40))



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



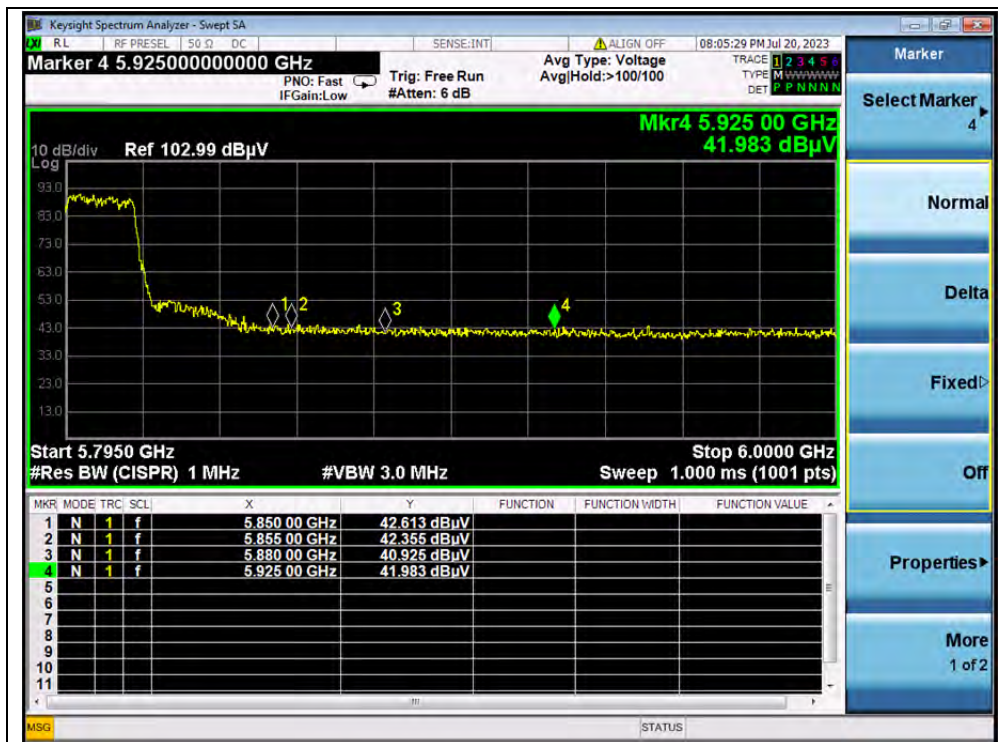
(AVERAGE, Channel 102, 802.11n (HT40))



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



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

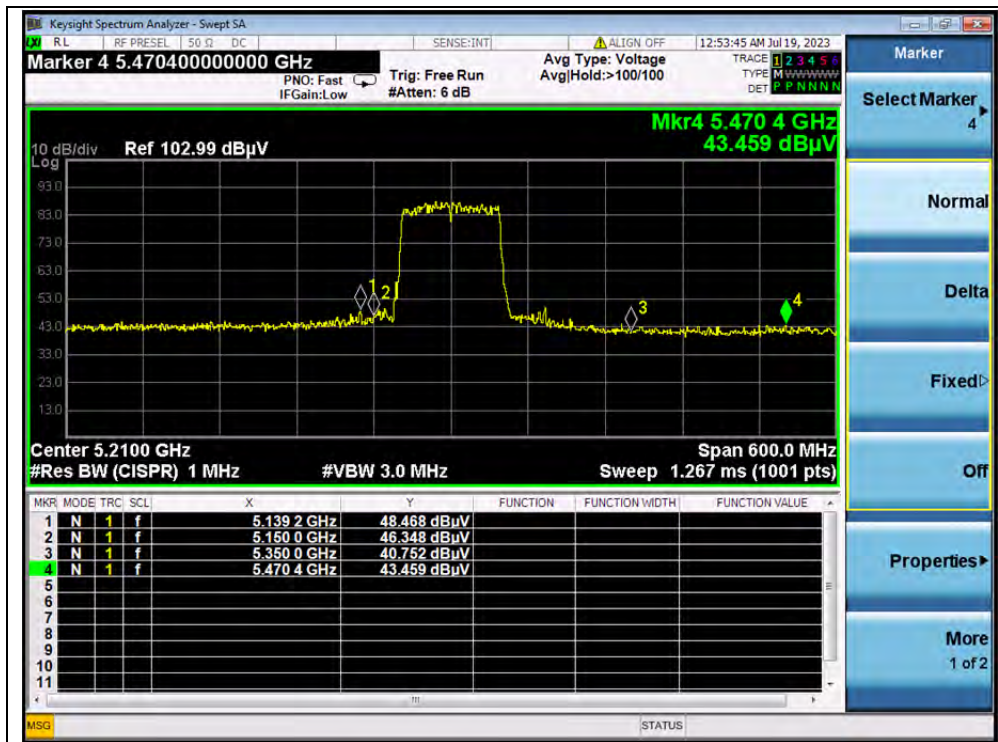


(PEAK, Channel 159, 802.11n (HT40))

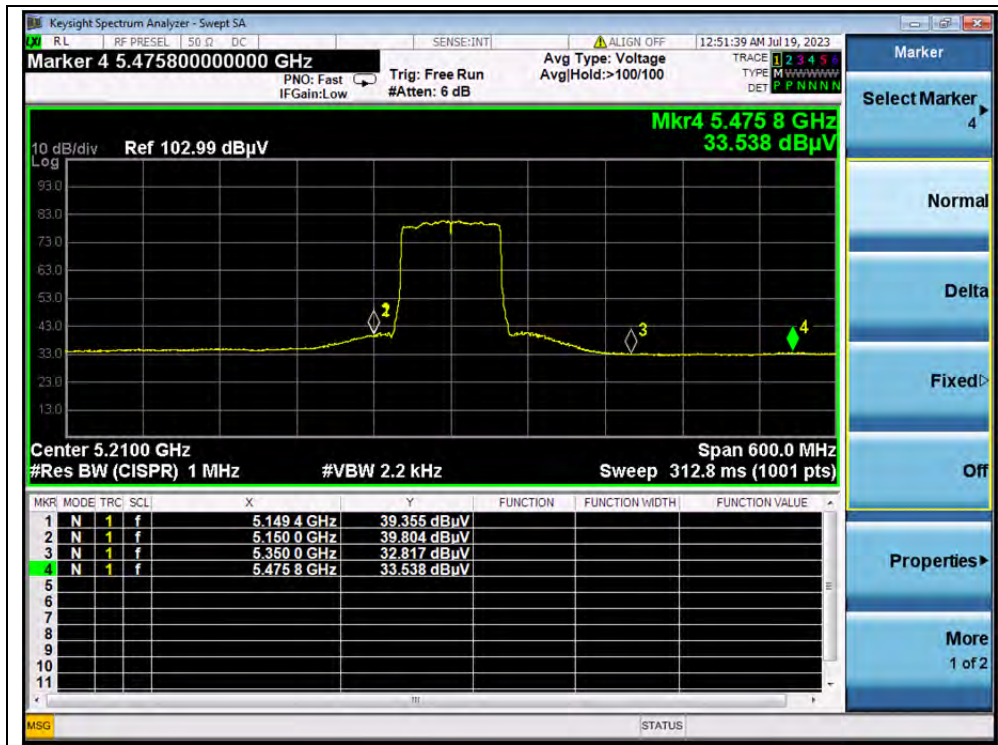


802.11ac (VHT80) Mode

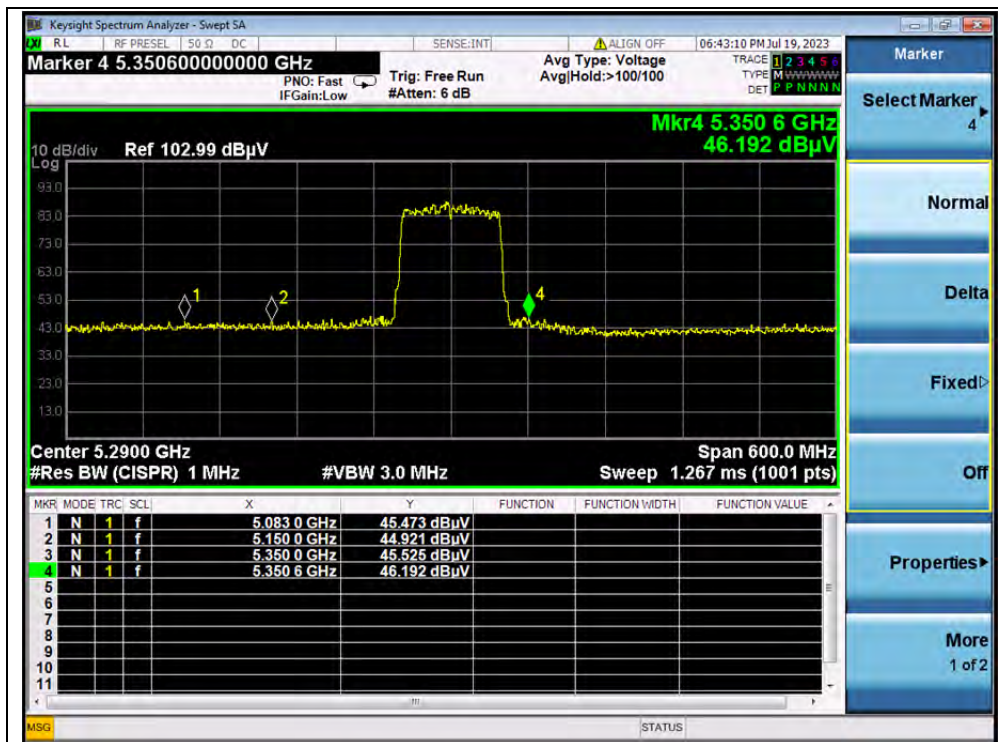
Channel	Frequency (MHz)	Detector	Receiver Reading U_R (dB μ V)	A_T (dB)	A_{Factor} (dB@3m)	Max. Emission E (dB μ V/m)	Limit (dB μ V/m)	Verdict
		PK/ AV						
42	5139.20	PK	48.47	-19.54	32.20	61.13	74	PASS
42	5150.00	AV	39.80	-19.54	32.20	52.46	54	PASS
58	5350.60	PK	46.19	-18.80	32.20	59.59	74	PASS
58	5350.60	AV	38.84	-18.80	32.20	52.24	54	PASS
106	5467.46	PK	49.85	-19.20	32.20	62.85	68.23	PASS
106	5458.45	AV	40.38	-19.20	32.20	53.38	54	PASS
138	5728.17	PK	45.31	-19.20	32.20	58.31	68.23	PASS
155	5725.00	PK	55.98	-19.01	32.20	69.17	122.23	PASS
155	5855.00	PK	51.16	-19.01	32.20	64.35	110.83	PASS



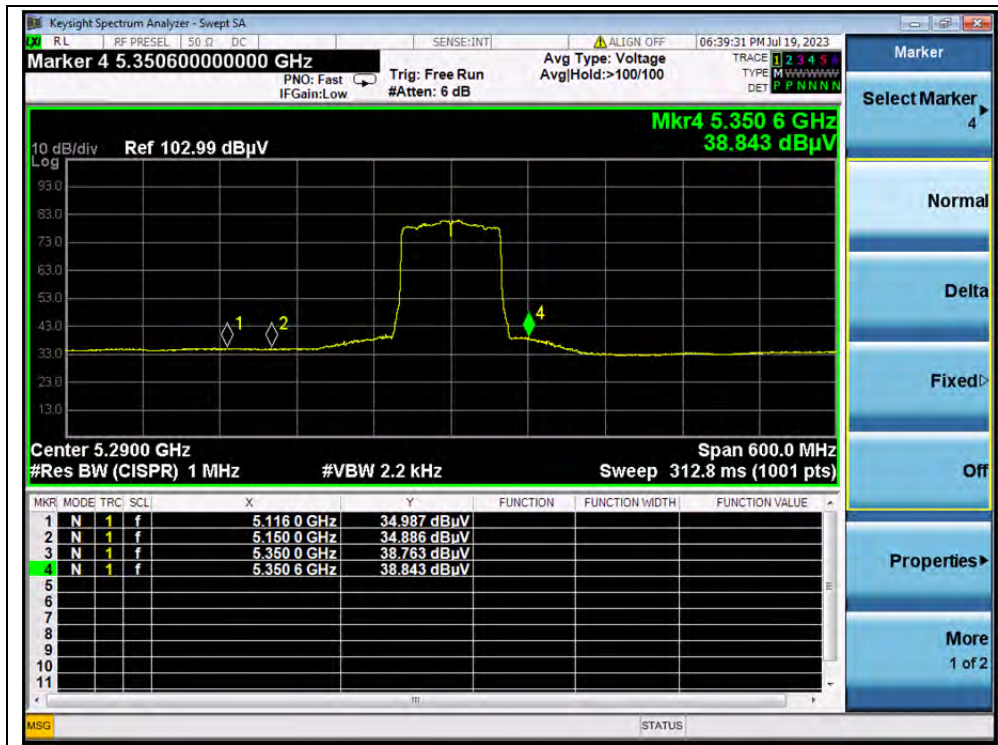
(PEAK, Channel 42, 802.11ac (VHT80))



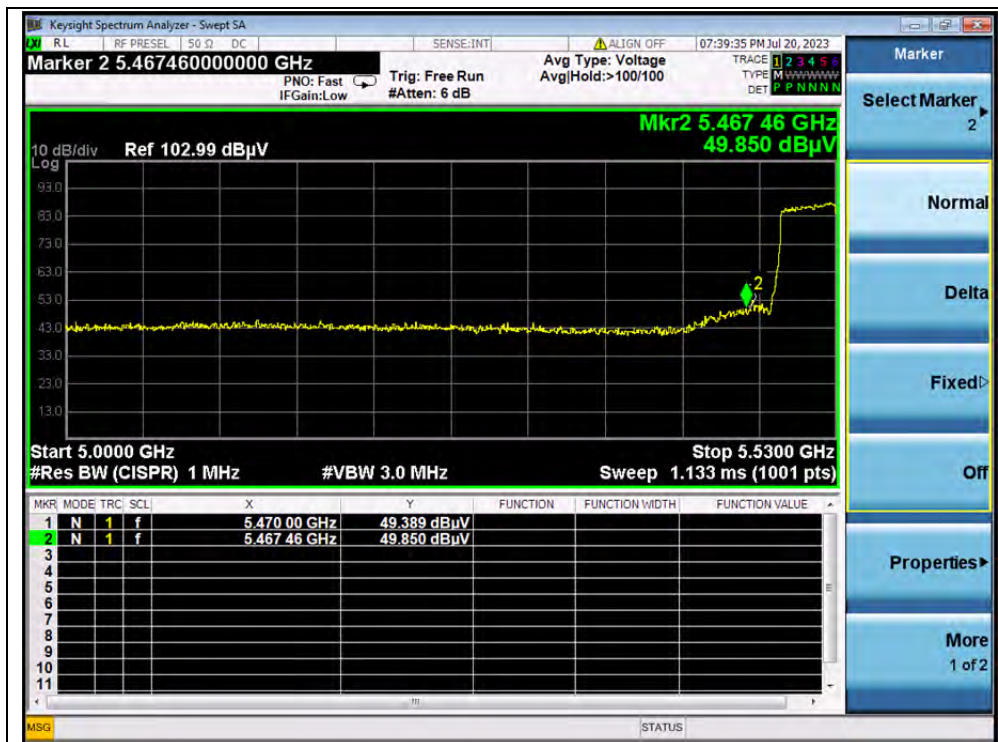
(AVERAGE, Channel 42, 802.11ac (VHT80))



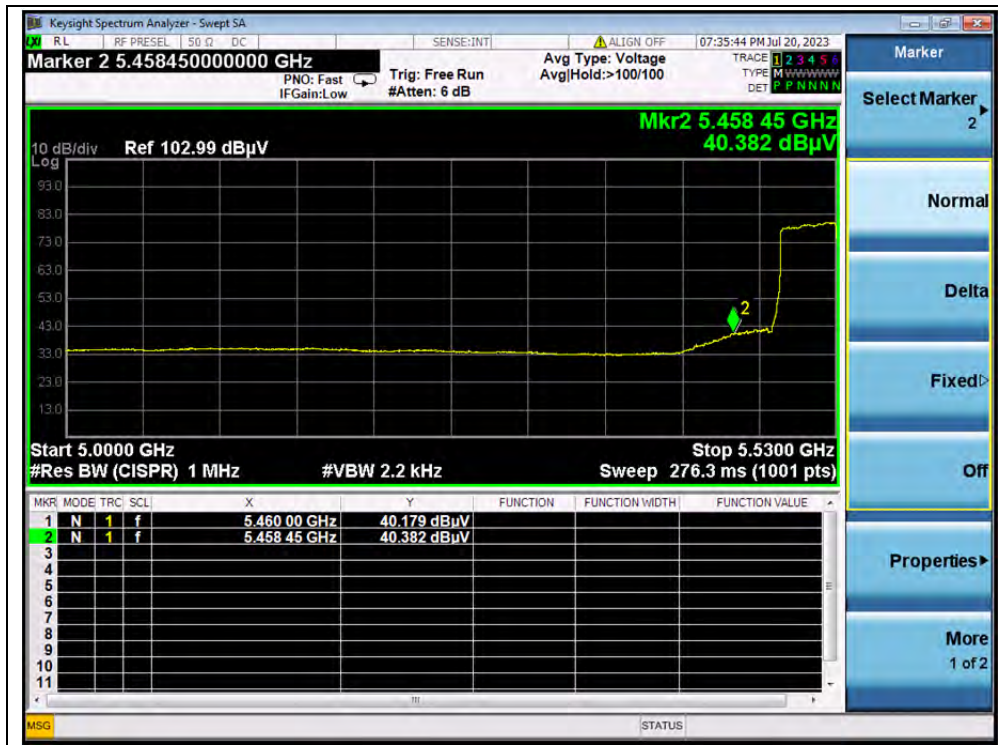
(PEAK, Channel 58, 802.11ac (VHT80))



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



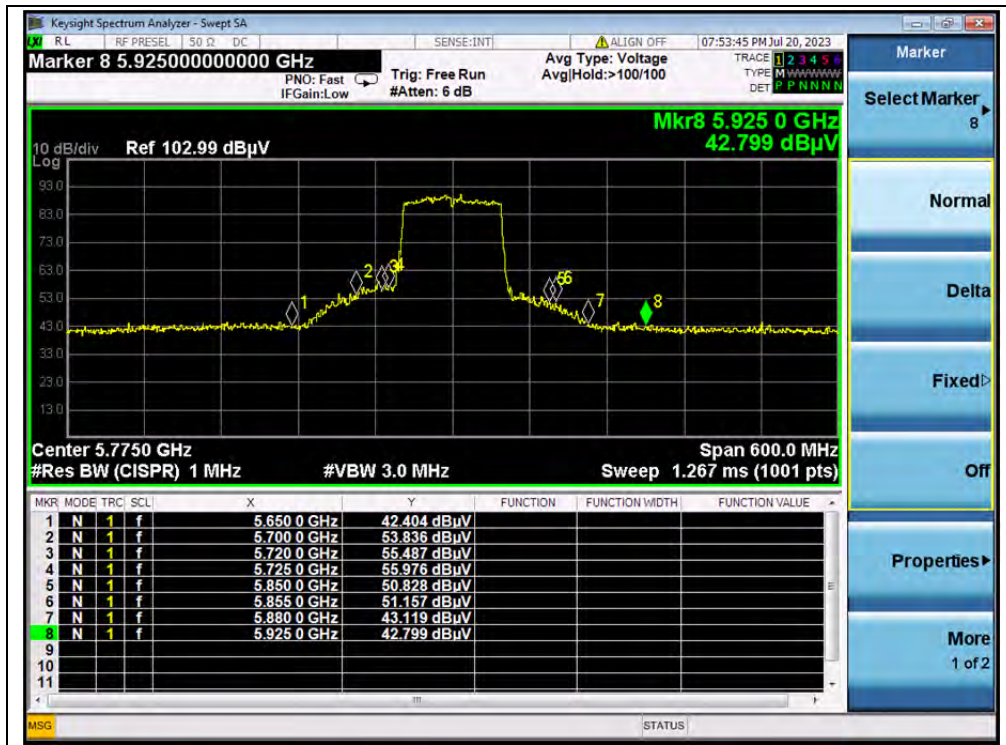
(PEAK, Channel 106, 802.11ac (VHT80))



(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.

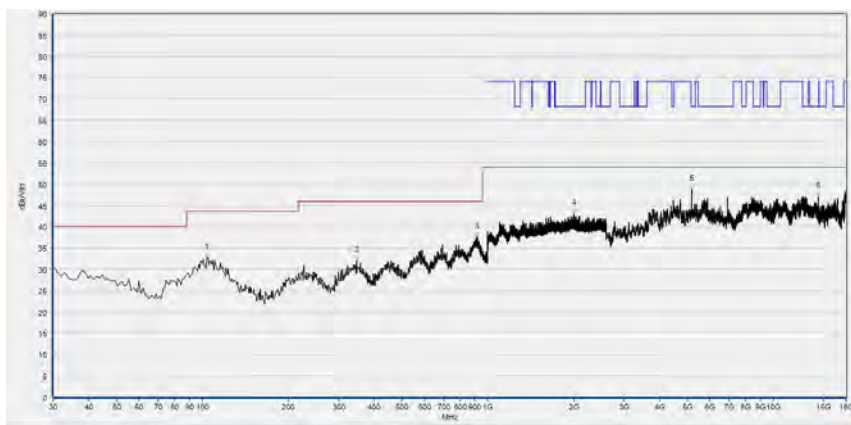
Note2: For the frequency, which started from 9kHz to 30MHz, was pre-scanned and the result which was 20dB lower than the limit was not recorded.

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.

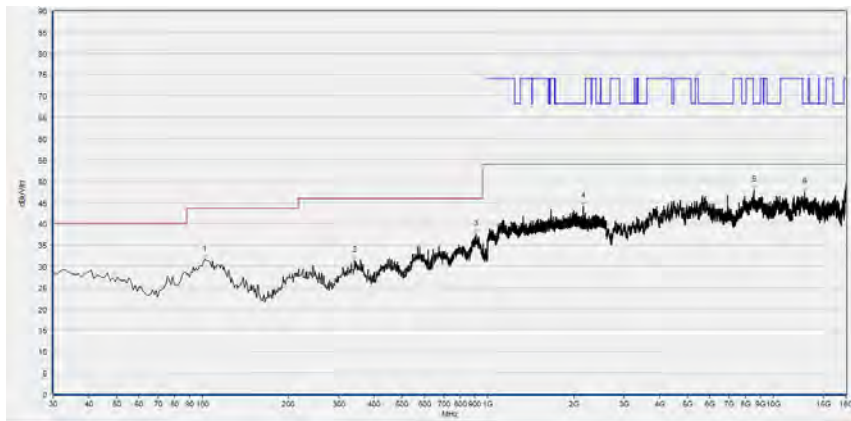
802.11a Mode

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
103.720	32.66	N/A	N/A	N/A	43.50	N/A	Horizontal	PASS
347.190	31.93	N/A	N/A	N/A	46.00	N/A	Horizontal	PASS
915.610	37.56	N/A	N/A	N/A	46.00	N/A	Horizontal	PASS
1997.867	43.07	N/A	N/A	68.23	N/A	N/A	Horizontal	PASS
5174.880	48.70	N/A	N/A	68.23	N/A	N/A	Horizontal	PASS
14408.720	47.06	N/A	N/A	68.23	N/A	N/A	Horizontal	PASS

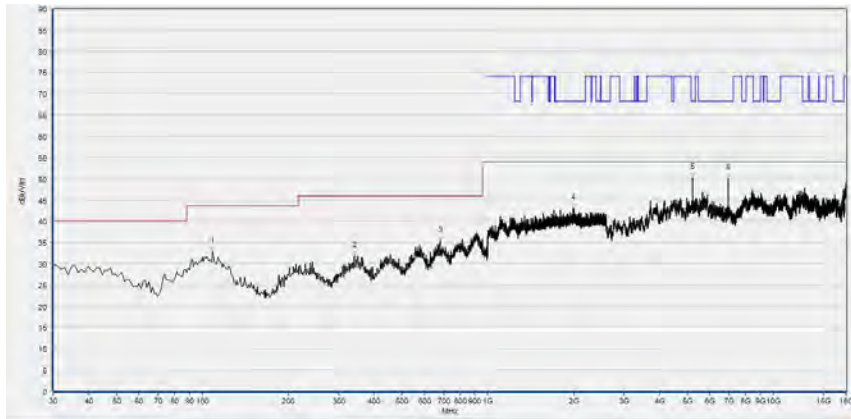
(Antenna Horizontal, 30MHz to 18GHz)



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	31.51	N/A	N/A	N/A	43.50	N/A	Vertical	PASS
342.340	31.39	N/A	N/A	N/A	46.00	N/A	Vertical	PASS
911.730	37.62	N/A	N/A	N/A	46.00	N/A	Vertical	PASS
2164.267	44.09	N/A	N/A	68.23	N/A	N/A	Vertical	PASS
8575.200	47.90	N/A	N/A	68.23	N/A	N/A	Vertical	PASS
12887.200	47.51	N/A	N/A	68.23	N/A	N/A	Vertical	PASS

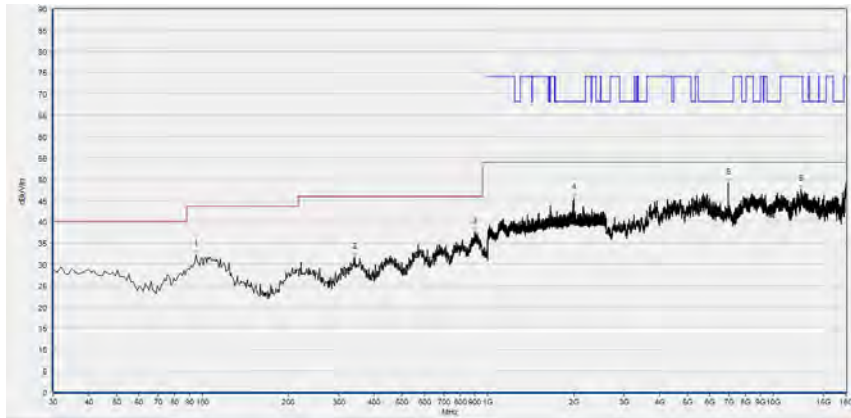
(Antenna Vertical, 30MHz to 18GHz)

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
108.570	32.79	N/A	N/A	N/A	43.50	N/A	Horizontal	PASS
341.370	31.89	N/A	N/A	N/A	46.00	N/A	Horizontal	PASS
679.900	35.35	N/A	N/A	N/A	46.00	N/A	Horizontal	PASS
1995.200	43.07	N/A	N/A	68.23	N/A	N/A	Horizontal	PASS
5218.000	50.28	N/A	N/A	68.23	N/A	N/A	Horizontal	PASS
6961.280	50.19	N/A	N/A	68.23	N/A	N/A	Horizontal	PASS

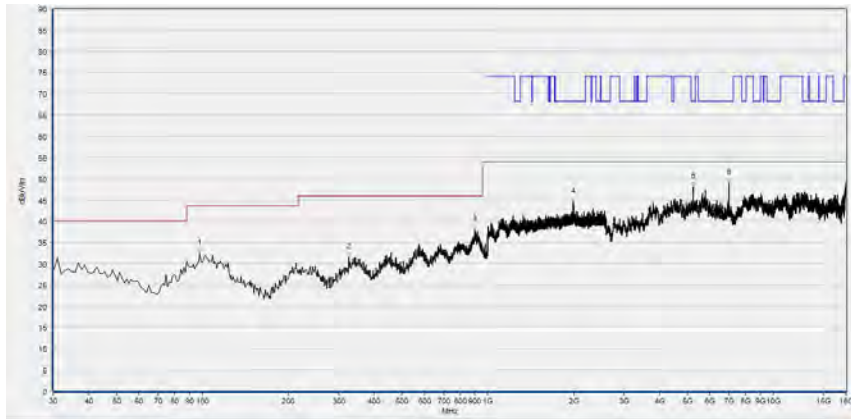
(Antenna Horizontal, 30MHz to 18GHz)



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
94.990	32.19	N/A	N/A	N/A	43.50	N/A	Vertical	PASS
342.340	31.71	N/A	N/A	N/A	46.00	N/A	Vertical	PASS
899.120	37.58	N/A	N/A	N/A	46.00	N/A	Vertical	PASS
2000.000	45.51	N/A	N/A	68.23	N/A	N/A	Vertical	PASS
6961.280	49.17	N/A	N/A	68.23	N/A	N/A	Vertical	PASS
12520.680	47.57	N/A	N/A	74.00	N/A	54.00	Vertical	PASS

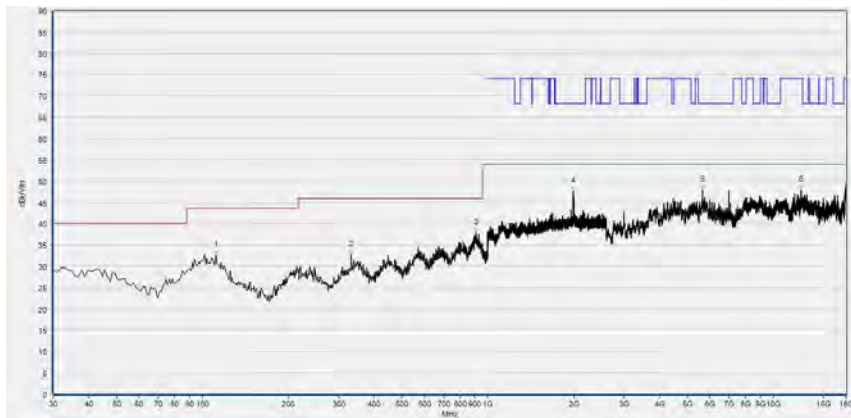
(Antenna Vertical, 30MHz to 18GHz)

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
97.900	32.41	N/A	N/A	N/A	43.50	N/A	Horizontal	PASS
325.850	31.44	N/A	N/A	N/A	46.00	N/A	Horizontal	PASS
898.150	38.07	N/A	N/A	N/A	46.00	N/A	Horizontal	PASS
1993.600	44.65	N/A	N/A	68.23	N/A	N/A	Horizontal	PASS
5242.640	48.05	N/A	N/A	68.23	N/A	N/A	Horizontal	PASS
6985.920	48.89	N/A	N/A	68.23	N/A	N/A	Horizontal	PASS

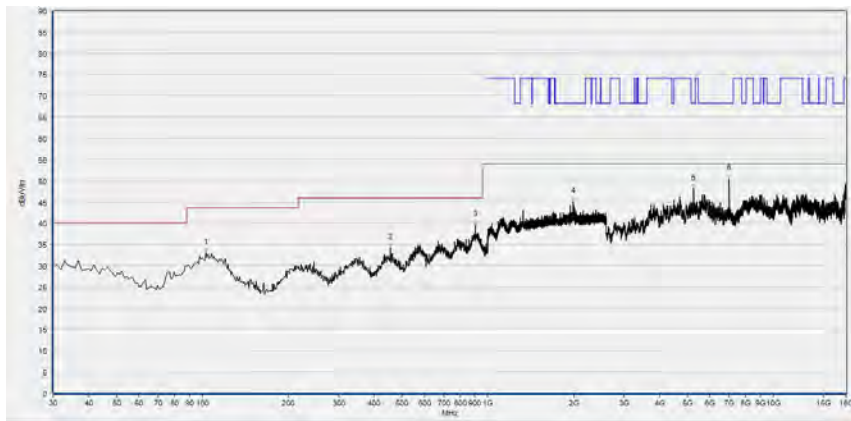
(Antenna Horizontal, 30MHz to 18GHz)



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
111.480	32.48	N/A	N/A	N/A	43.50	N/A	Vertical	PASS
332.640	32.75	N/A	N/A	N/A	46.00	N/A	Vertical	PASS
909.790	37.93	N/A	N/A	N/A	46.00	N/A	Vertical	PASS
1991.467	47.52	N/A	N/A	68.23	N/A	N/A	Vertical	PASS
5643.040	47.85	N/A	N/A	68.23	N/A	N/A	Vertical	PASS
12489.880	47.98	N/A	N/A	74.00	N/A	54.00	Vertical	PASS

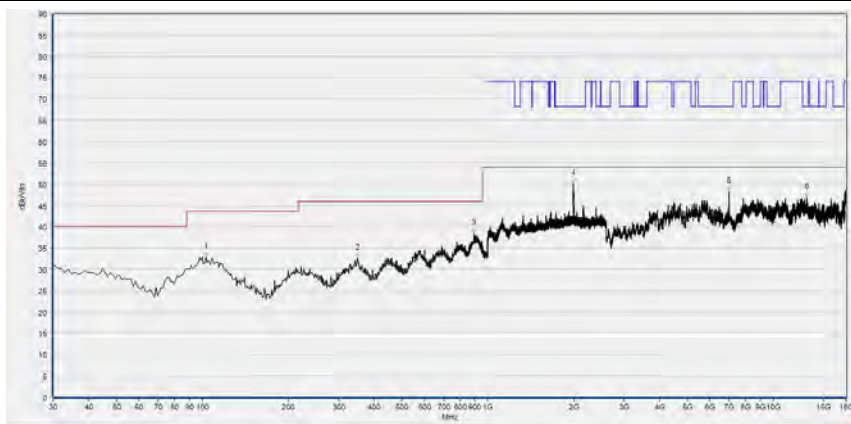
(Antenna Vertical, 30MHz to 18GHz)

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
102.750	32.93	N/A	N/A	N/A	43.50	N/A	Horizontal	PASS
455.830	34.16	N/A	N/A	N/A	46.00	N/A	Horizontal	PASS
905.910	39.54	N/A	N/A	N/A	46.00	N/A	Horizontal	PASS
1993.600	45.05	N/A	N/A	68.23	N/A	N/A	Horizontal	PASS
5258.040	48.12	N/A	N/A	68.23	N/A	N/A	Horizontal	PASS
7013.640	50.38	N/A	N/A	68.23	N/A	N/A	Horizontal	PASS

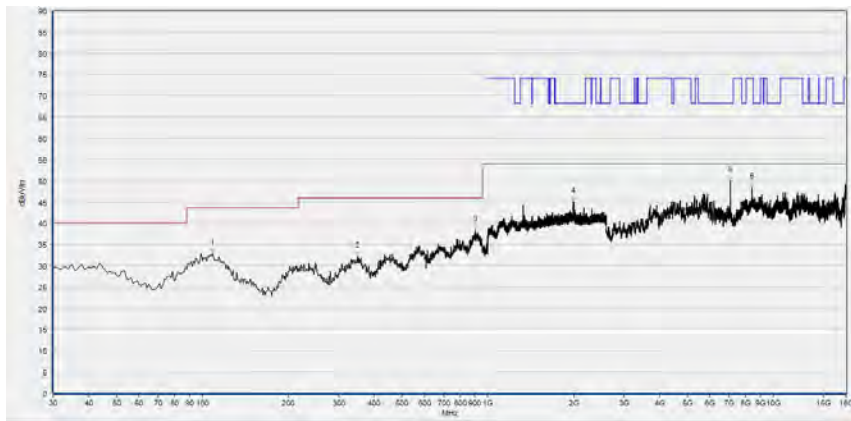
(Antenna Horizontal, 30MHz to 18GHz)



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
102.750	32.88	N/A	N/A	N/A	43.50	N/A	Vertical	PASS
349.130	32.44	N/A	N/A	N/A	46.00	N/A	Vertical	PASS
893.300	38.44	N/A	N/A	N/A	46.00	N/A	Vertical	PASS
1996.800	50.12	N/A	N/A	68.23	N/A	N/A	Vertical	PASS
7013.640	48.31	N/A	N/A	68.23	N/A	N/A	Vertical	PASS
13084.320	46.92	N/A	N/A	68.23	N/A	N/A	Vertical	PASS

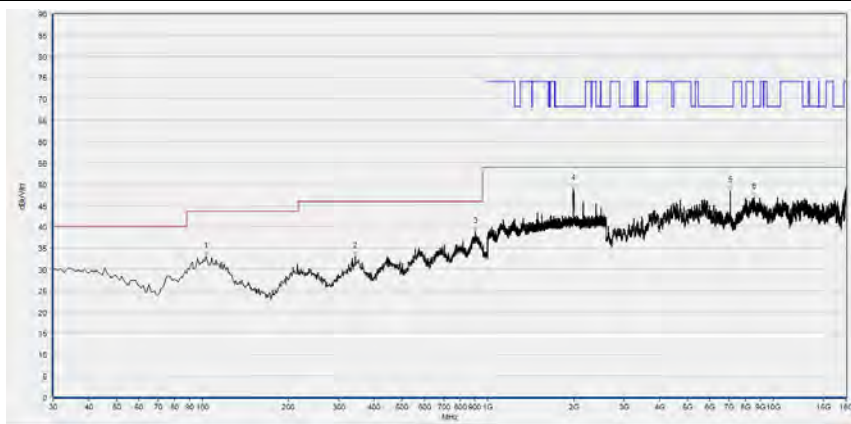
(Antenna Vertical, 30MHz to 18GHz)

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
108.570	32.92	N/A	N/A	N/A	43.50	N/A	Horizontal	PASS
350.100	32.15	N/A	N/A	N/A	46.00	N/A	Horizontal	PASS
903.000	38.33	N/A	N/A	N/A	46.00	N/A	Horizontal	PASS
1992.533	45.00	N/A	N/A	68.23	N/A	N/A	Horizontal	PASS
7066.000	50.10	N/A	N/A	68.23	N/A	N/A	Horizontal	PASS
8430.440	48.47	N/A	N/A	74.00	N/A	54.00	Horizontal	PASS

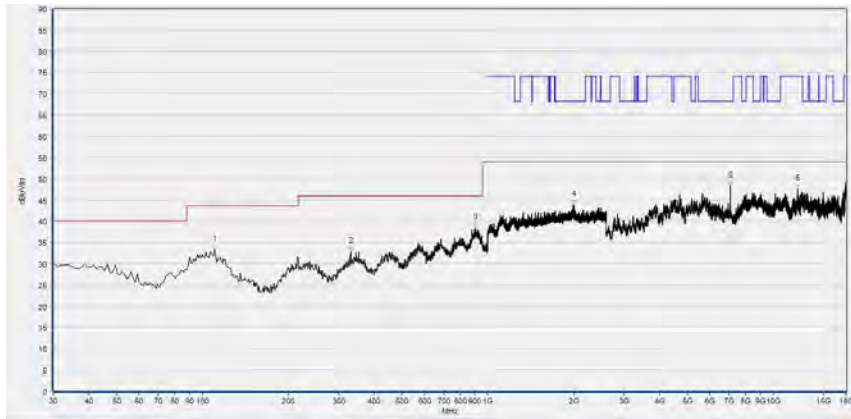
(Antenna Horizontal, 30MHz to 18GHz)



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	32.94	N/A	N/A	N/A	43.50	N/A	Vertical	PASS
343.310	33.06	N/A	N/A	N/A	46.00	N/A	Vertical	PASS
904.940	38.89	N/A	N/A	N/A	46.00	N/A	Vertical	PASS
1991.467	48.95	N/A	N/A	68.23	N/A	N/A	Vertical	PASS
7066.000	48.45	N/A	N/A	68.23	N/A	N/A	Vertical	PASS
8565.960	46.95	N/A	N/A	68.23	N/A	N/A	Vertical	PASS

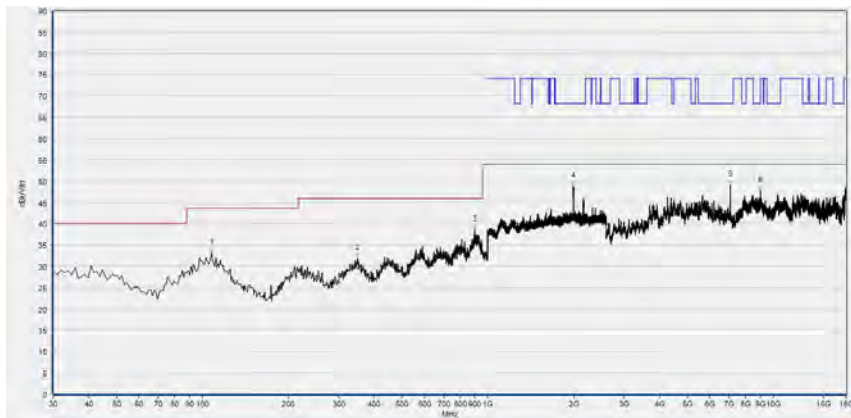
(Antenna Vertical, 30MHz to 18GHz)

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
110.510	33.41	N/A	N/A	N/A	43.50	N/A	Horizontal	PASS
331.670	32.92	N/A	N/A	N/A	46.00	N/A	Horizontal	PASS
903.000	38.36	N/A	N/A	N/A	46.00	N/A	Horizontal	PASS
1998.400	43.85	N/A	N/A	68.23	N/A	N/A	Horizontal	PASS
7093.720	48.29	N/A	N/A	68.23	N/A	N/A	Horizontal	PASS
12166.480	47.59	N/A	N/A	74.00	N/A	54.00	Horizontal	PASS

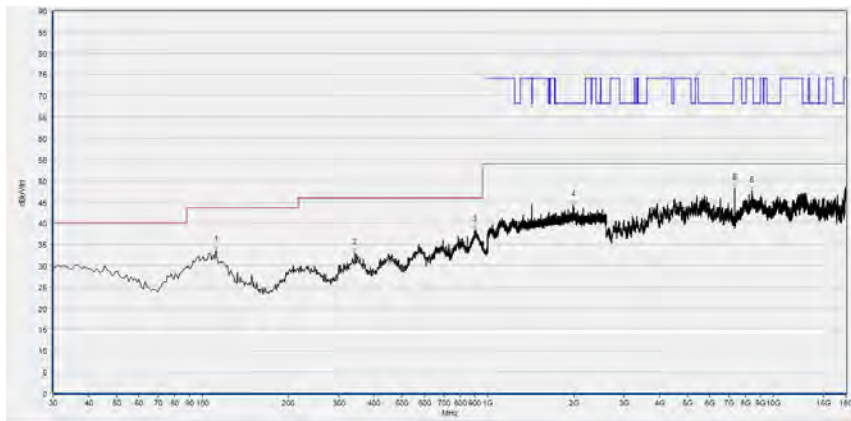
(Antenna Horizontal, 30MHz to 18GHz)



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	33.16	N/A	N/A	N/A	43.50	N/A	Vertical	PASS
349.130	31.91	N/A	N/A	N/A	46.00	N/A	Vertical	PASS
901.060	38.50	N/A	N/A	N/A	46.00	N/A	Vertical	PASS
1992.000	48.74	N/A	N/A	68.23	N/A	N/A	Vertical	PASS
7093.720	49.10	N/A	N/A	68.23	N/A	N/A	Vertical	PASS
9040.280	47.72	N/A	N/A	74.00	N/A	54.00	Vertical	PASS

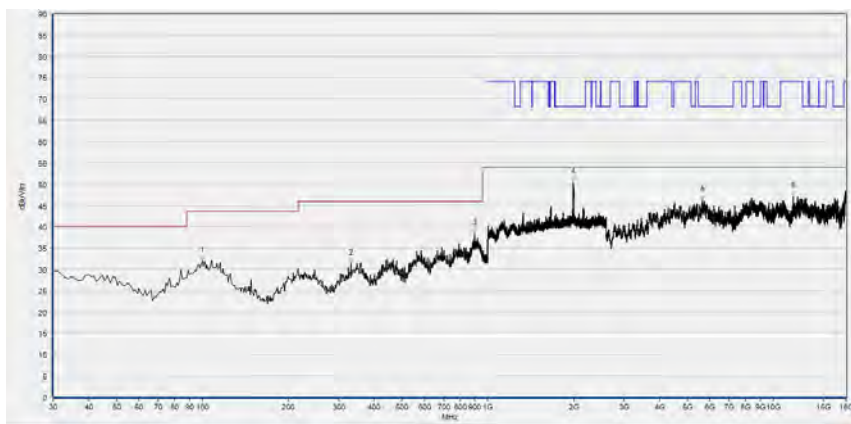
(Antenna Vertical, 30MHz to 18GHz)

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
111.480	33.74	N/A	N/A	N/A	43.50	N/A	Horizontal	PASS
342.340	33.07	N/A	N/A	N/A	46.00	N/A	Horizontal	PASS
897.180	38.35	N/A	N/A	N/A	46.00	N/A	Horizontal	PASS
1992.533	44.33	N/A	N/A	68.23	N/A	N/A	Horizontal	PASS
7333.960	48.25	N/A	N/A	74.00	N/A	54.00	Horizontal	PASS
8433.520	47.61	N/A	N/A	74.00	N/A	54.00	Horizontal	PASS

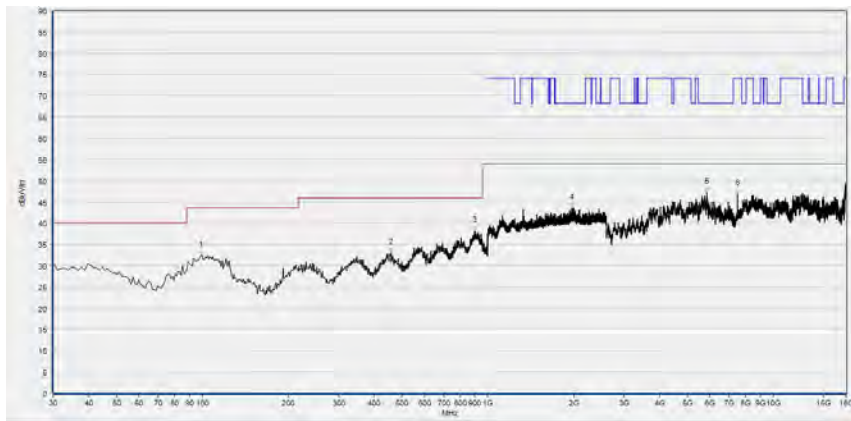
(Antenna Horizontal, 30MHz to 18GHz)



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
99.840	32.00	N/A	N/A	N/A	43.50	N/A	Vertical	PASS
331.670	31.33	N/A	N/A	N/A	46.00	N/A	Vertical	PASS
899.120	38.37	N/A	N/A	N/A	46.00	N/A	Vertical	PASS
1990.933	50.40	N/A	N/A	68.23	N/A	N/A	Vertical	PASS
5639.960	46.34	N/A	N/A	68.23	N/A	N/A	Vertical	PASS
11756.840	47.12	N/A	N/A	74.00	N/A	54.00	Vertical	PASS

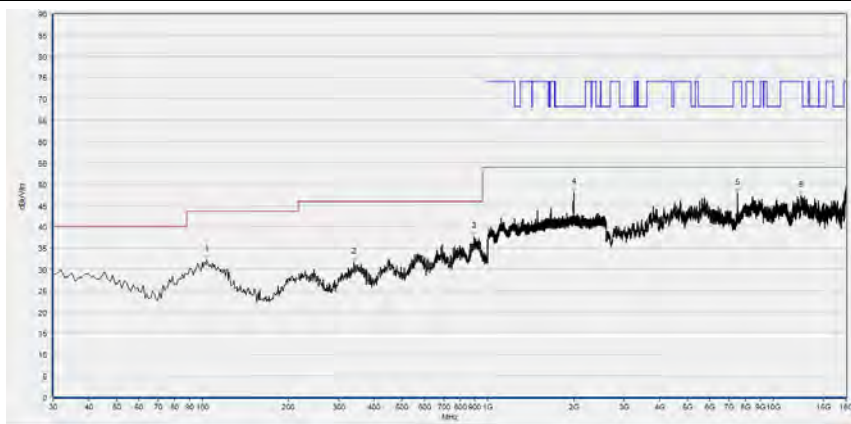
(Antenna Vertical, 30MHz to 18GHz)

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
98.870	32.32	N/A	N/A	N/A	43.50	N/A	Horizontal	PASS
456.800	33.01	N/A	N/A	N/A	46.00	N/A	Horizontal	PASS
897.180	38.19	N/A	N/A	N/A	46.00	N/A	Horizontal	PASS
1970.667	43.50	N/A	N/A	68.23	N/A	N/A	Horizontal	PASS
5849.400	47.30	N/A	N/A	68.23	N/A	N/A	Horizontal	PASS
7494.120	46.98	N/A	N/A	74.00	N/A	54.00	Horizontal	PASS

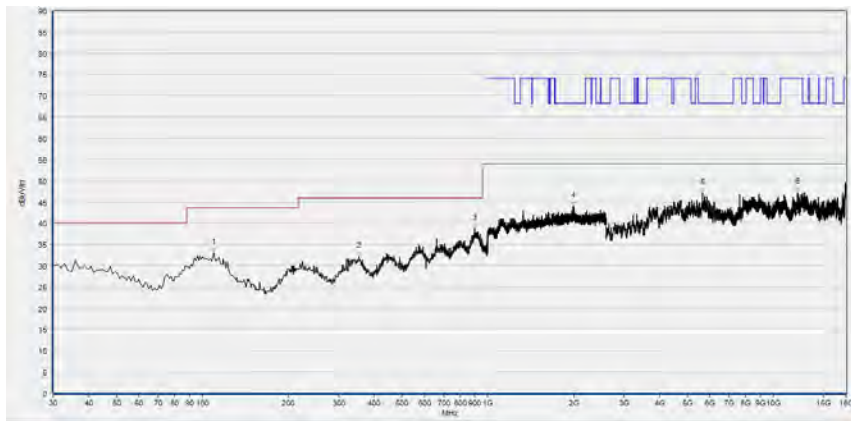
(Antenna Horizontal, 30MHz to 18GHz)



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	32.10	N/A	N/A	N/A	43.50	N/A	Vertical	PASS
340.400	31.67	N/A	N/A	N/A	46.00	N/A	Vertical	PASS
893.300	37.66	N/A	N/A	N/A	46.00	N/A	Vertical	PASS
1997.867	48.03	N/A	N/A	68.23	N/A	N/A	Vertical	PASS
7494.120	47.92	N/A	N/A	74.00	N/A	54.00	Vertical	PASS
12514.520	47.30	N/A	N/A	74.00	N/A	54.00	Vertical	PASS

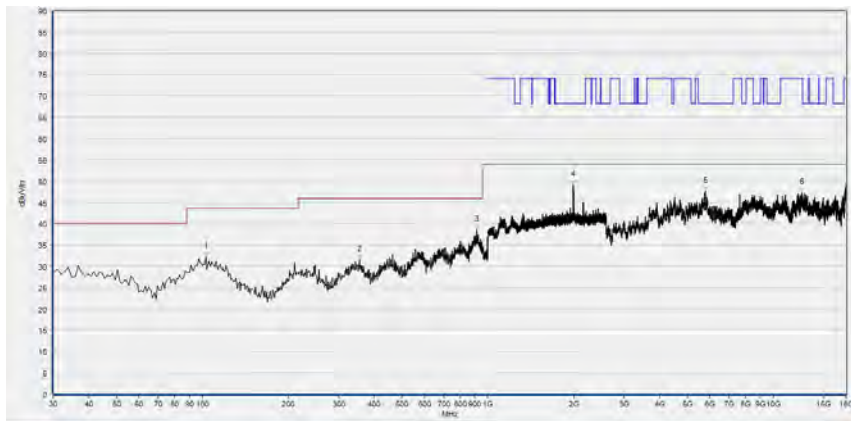
(Antenna Vertical, 30MHz to 18GHz)

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
109.540	33.02	N/A	N/A	N/A	43.50	N/A	Horizontal	PASS
353.010	32.18	N/A	N/A	N/A	46.00	N/A	Horizontal	PASS
897.180	38.66	N/A	N/A	N/A	46.00	N/A	Horizontal	PASS
1994.667	44.00	N/A	N/A	68.23	N/A	N/A	Horizontal	PASS
5652.280	47.17	N/A	N/A	74.00	N/A	54.00	Horizontal	PASS
12132.600	47.33	N/A	N/A	74.00	N/A	54.00	Horizontal	PASS

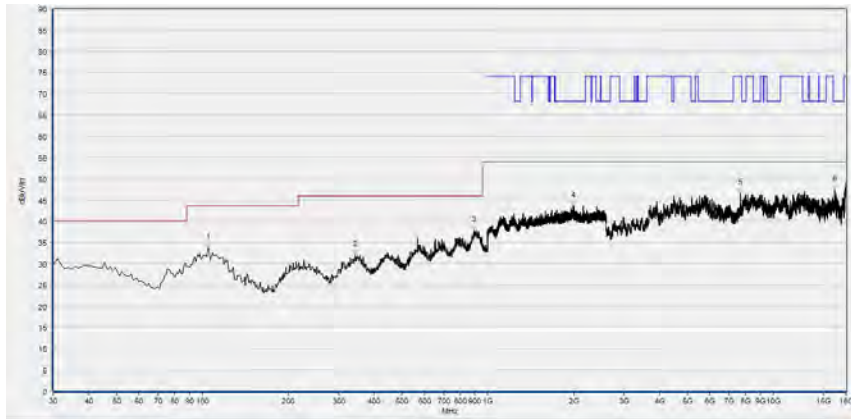
(Antenna Horizontal, 30MHz to 18GHz)



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	32.25	N/A	N/A	N/A	43.50	N/A	Vertical	PASS
354.950	31.50	N/A	N/A	N/A	46.00	N/A	Vertical	PASS
914.640	38.47	N/A	N/A	N/A	46.00	N/A	Vertical	PASS
1994.133	49.18	N/A	N/A	68.23	N/A	N/A	Vertical	PASS
5775.480	47.62	N/A	N/A	68.23	N/A	N/A	Vertical	PASS
12588.440	47.28	N/A	N/A	74.00	N/A	54.00	Vertical	PASS

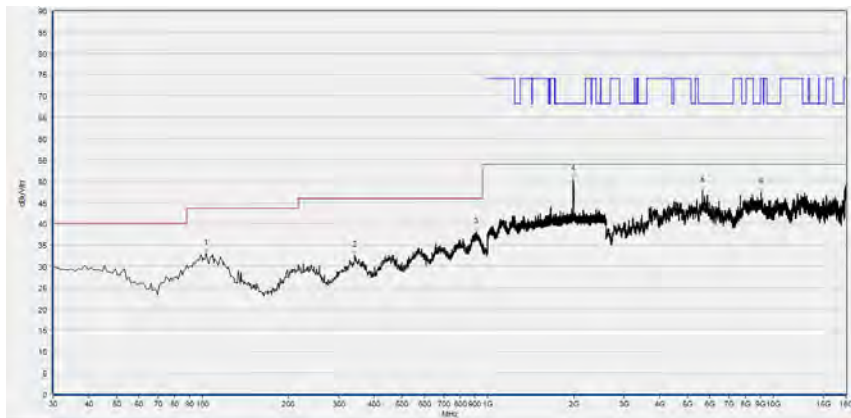
(Antenna Vertical, 30MHz to 18GHz)

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
104.690	33.75	N/A	N/A	N/A	43.50	N/A	Horizontal	PASS
343.310	32.06	N/A	N/A	N/A	46.00	N/A	Horizontal	PASS
896.210	37.94	N/A	N/A	N/A	46.00	N/A	Horizontal	PASS
1993.600	43.61	N/A	N/A	68.23	N/A	N/A	Horizontal	PASS
7660.440	46.64	N/A	N/A	74.00	N/A	54.00	Horizontal	PASS
16432.280	47.42	N/A	N/A	68.23	N/A	N/A	Horizontal	PASS

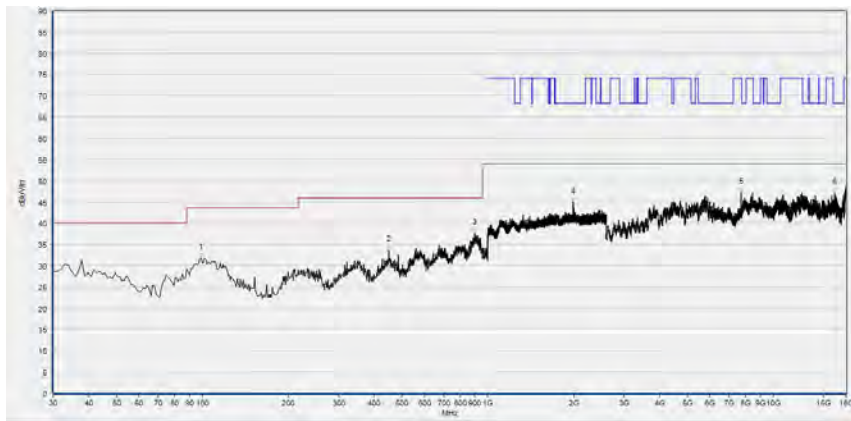
(Antenna Horizontal, 30MHz to 18GHz)



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
102.750	33.00	N/A	N/A	N/A	43.50	N/A	Vertical	PASS
342.340	32.55	N/A	N/A	N/A	46.00	N/A	Vertical	PASS
910.760	37.97	N/A	N/A	N/A	46.00	N/A	Vertical	PASS
1992.000	50.45	N/A	N/A	68.23	N/A	N/A	Vertical	PASS
5643.040	47.79	N/A	N/A	68.23	N/A	N/A	Vertical	PASS
9071.080	47.44	N/A	N/A	74.00	N/A	54.00	Vertical	PASS

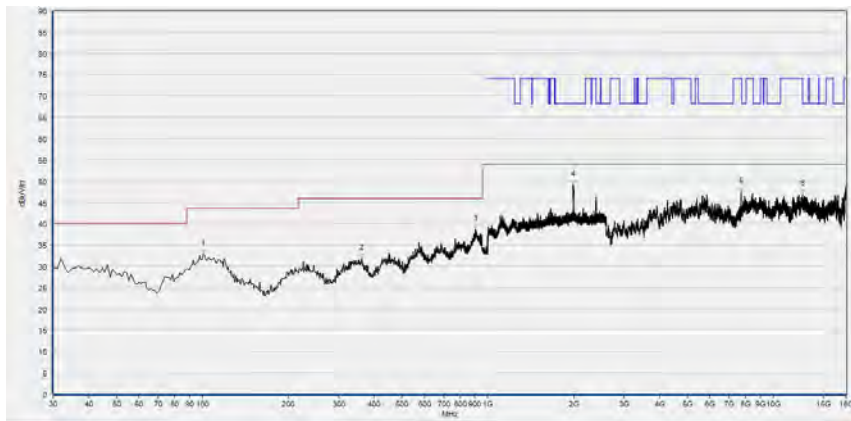
(Antenna Vertical, 30MHz to 18GHz)

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	31.82	N/A	N/A	N/A	43.50	N/A	Horizontal	PASS
449.040	33.76	N/A	N/A	N/A	46.00	N/A	Horizontal	PASS
901.060	37.63	N/A	N/A	N/A	46.00	N/A	Horizontal	PASS
1991.467	44.88	N/A	N/A	68.23	N/A	N/A	Horizontal	PASS
7712.800	47.31	N/A	N/A	74.00	N/A	54.00	Horizontal	PASS
16429.200	47.06	N/A	N/A	68.23	N/A	N/A	Horizontal	PASS

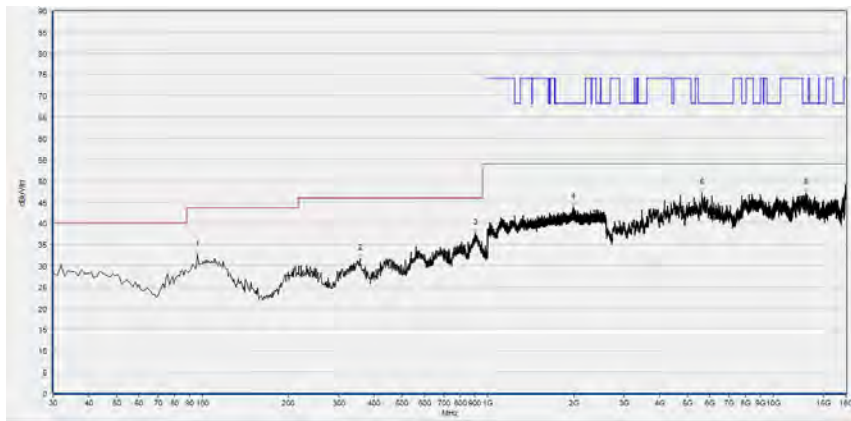
(Antenna Horizontal, 30MHz to 18GHz)



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
100.810	32.85	N/A	N/A	N/A	43.50	N/A	Vertical	PASS
362.710	31.78	N/A	N/A	N/A	46.00	N/A	Vertical	PASS
904.940	38.72	N/A	N/A	N/A	46.00	N/A	Vertical	PASS
1992.000	49.15	N/A	N/A	68.23	N/A	N/A	Vertical	PASS
7712.800	47.50	N/A	N/A	74.00	N/A	54.00	Vertical	PASS
12631.560	46.99	N/A	N/A	74.00	N/A	54.00	Vertical	PASS

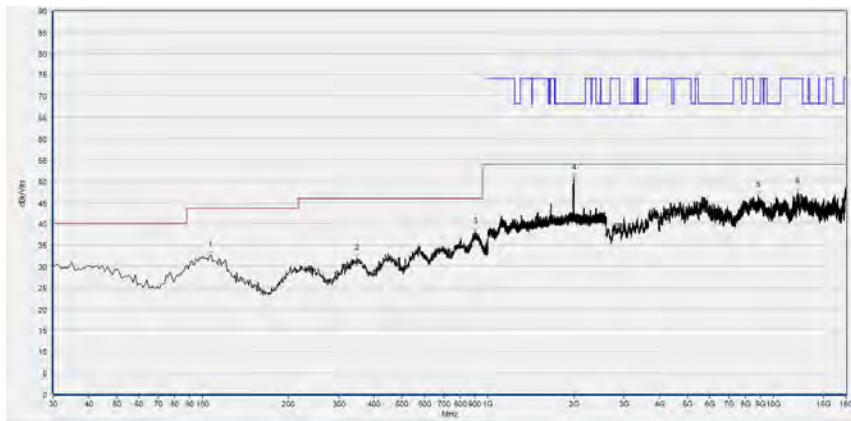
(Antenna Vertical, 30MHz to 18GHz)

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
95.960	32.50	N/A	N/A	N/A	43.50	N/A	Horizontal	PASS
356.890	31.65	N/A	N/A	N/A	46.00	N/A	Horizontal	PASS
904.940	37.79	N/A	N/A	N/A	46.00	N/A	Horizontal	PASS
1995.200	43.72	N/A	N/A	68.23	N/A	N/A	Horizontal	PASS
5633.800	47.07	N/A	N/A	68.23	N/A	N/A	Horizontal	PASS
13065.840	47.03	N/A	N/A	68.23	N/A	N/A	Horizontal	PASS

(Antenna Horizontal, 30MHz to 18GHz)

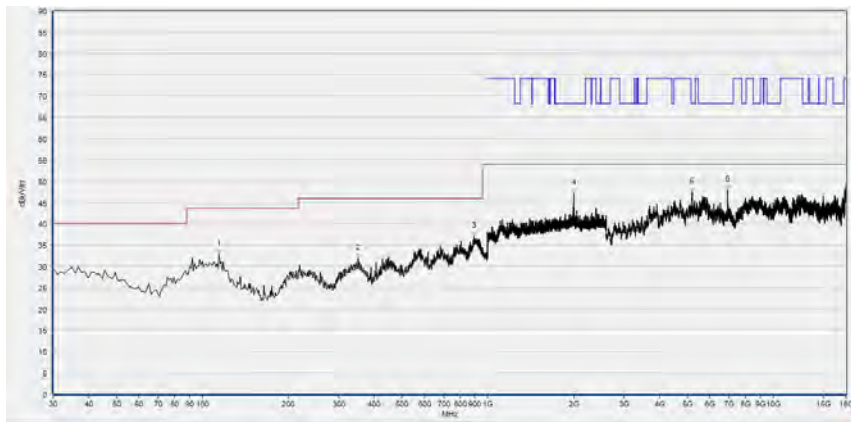


Fre. (MHz)	PK (dBμV/m)	QP (dBμV/m)	AV (dBμV/m)	Limit-PK (dBμV/m)	Limit-QP (dBμV/m)	Limit-AV (dBμV/m)	Antenna	Verdict
106.630	32.45	N/A	N/A	N/A	43.50	N/A	Vertical	PASS
347.190	31.86	N/A	N/A	N/A	46.00	N/A	Vertical	PASS
903.970	38.09	N/A	N/A	N/A	46.00	N/A	Vertical	PASS
1999.467	50.57	N/A	N/A	68.23	N/A	N/A	Vertical	PASS
8873.960	46.54	N/A	N/A	68.23	N/A	N/A	Vertical	PASS
12169.560	47.49	N/A	N/A	74.00	N/A	54.00	Vertical	PASS

(Antenna Vertical, 30MHz to 18GHz)

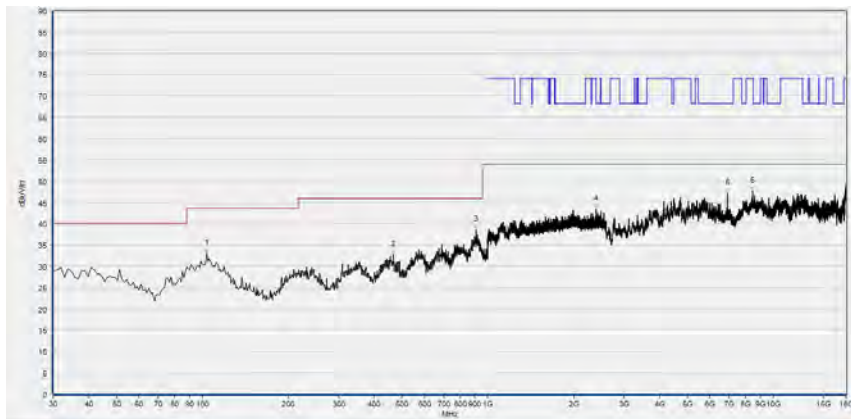
802.11n (HT40) mode

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
114.390	32.77	N/A	N/A	N/A	43.50	N/A	Horizontal	PASS
351.070	31.86	N/A	N/A	N/A	46.00	N/A	Horizontal	PASS
896.210	37.01	N/A	N/A	N/A	46.00	N/A	Horizontal	PASS
1997.867	47.06	N/A	N/A	68.23	N/A	N/A	Horizontal	PASS
5196.440	47.38	N/A	N/A	68.23	N/A	N/A	Horizontal	PASS
6921.240	47.98	N/A	N/A	68.23	N/A	N/A	Horizontal	PASS

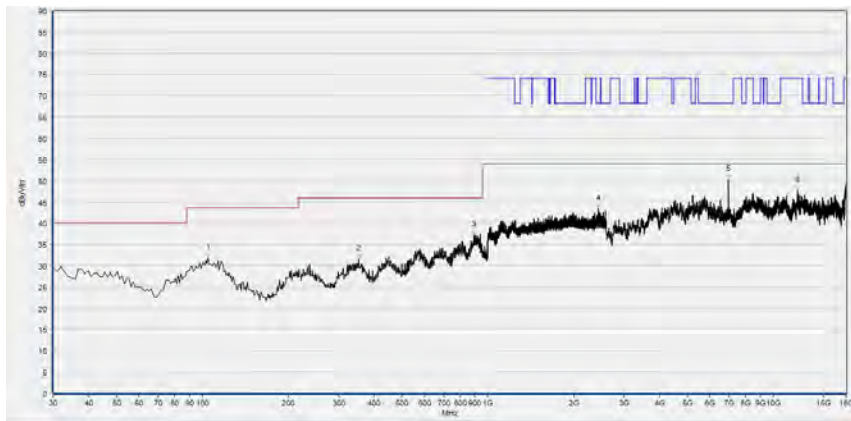
(Antenna Horizontal, 30MHz to 18GHz)



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
103.720	32.99	N/A	N/A	N/A	43.50	N/A	Vertical	PASS
466.500	32.71	N/A	N/A	N/A	46.00	N/A	Vertical	PASS
911.730	38.59	N/A	N/A	N/A	46.00	N/A	Vertical	PASS
2398.933	43.33	N/A	N/A	68.23	N/A	N/A	Vertical	PASS
6921.240	47.07	N/A	N/A	68.23	N/A	N/A	Vertical	PASS
8482.800	47.52	N/A	N/A	74.00	N/A	54.00	Vertical	PASS

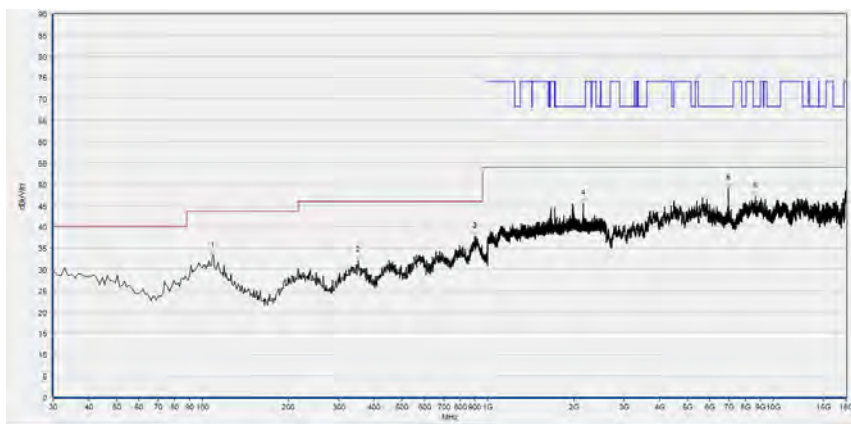
(Antenna Vertical, 30MHz to 18GHz)

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
104.690	31.86	N/A	N/A	N/A	43.50	N/A	Horizontal	PASS
353.010	31.59	N/A	N/A	N/A	46.00	N/A	Horizontal	PASS
894.270	37.12	N/A	N/A	N/A	46.00	N/A	Horizontal	PASS
2438.400	43.39	N/A	N/A	68.23	N/A	N/A	Horizontal	PASS
6973.600	50.32	N/A	N/A	68.23	N/A	N/A	Horizontal	PASS
12175.720	47.69	N/A	N/A	74.00	N/A	54.00	Horizontal	PASS

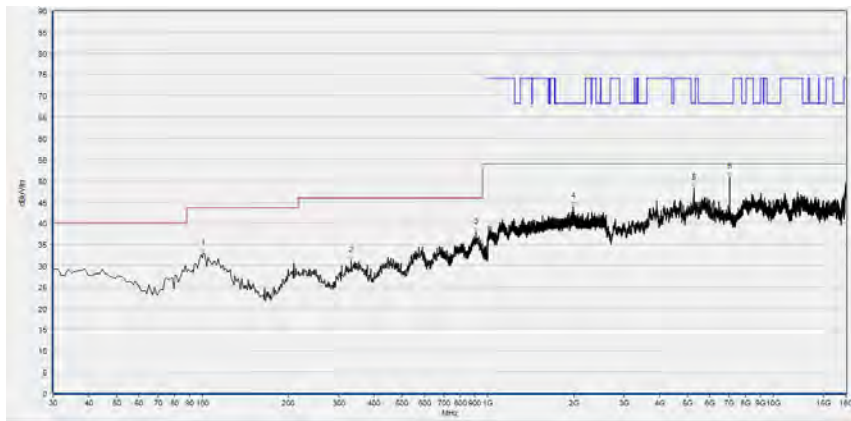
(Antenna Horizontal, 30MHz to 18GHz)



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	33.13	N/A	N/A	N/A	43.50	N/A	Vertical	PASS
352.040	32.09	N/A	N/A	N/A	46.00	N/A	Vertical	PASS
901.060	37.79	N/A	N/A	N/A	46.00	N/A	Vertical	PASS
2161.600	45.43	N/A	N/A	68.23	N/A	N/A	Vertical	PASS
6973.600	48.88	N/A	N/A	68.23	N/A	N/A	Vertical	PASS
8633.720	47.13	N/A	N/A	68.23	N/A	N/A	Vertical	PASS

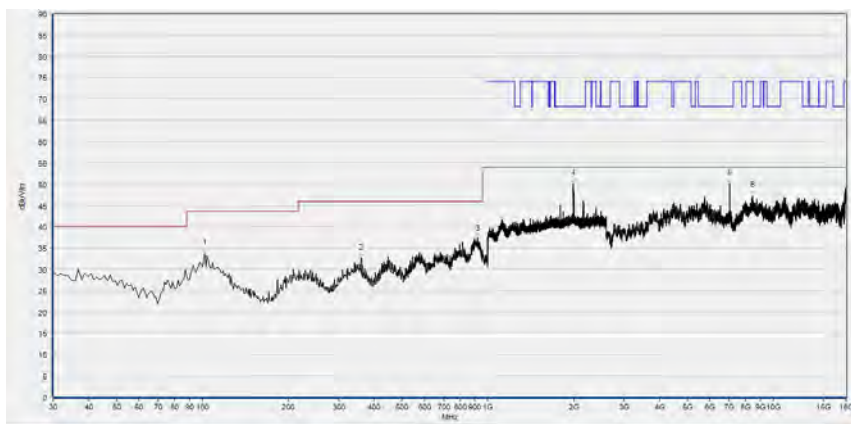
(Antenna Vertical, 30MHz to 18GHz)

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
100.810	32.91	N/A	N/A	N/A	43.50	N/A	Horizontal	PASS
332.640	31.21	N/A	N/A	N/A	46.00	N/A	Horizontal	PASS
907.850	37.87	N/A	N/A	N/A	46.00	N/A	Horizontal	PASS
1993.067	43.84	N/A	N/A	68.23	N/A	N/A	Horizontal	PASS
5282.680	48.34	N/A	N/A	68.23	N/A	N/A	Horizontal	PASS
7025.960	50.73	N/A	N/A	68.23	N/A	N/A	Horizontal	PASS

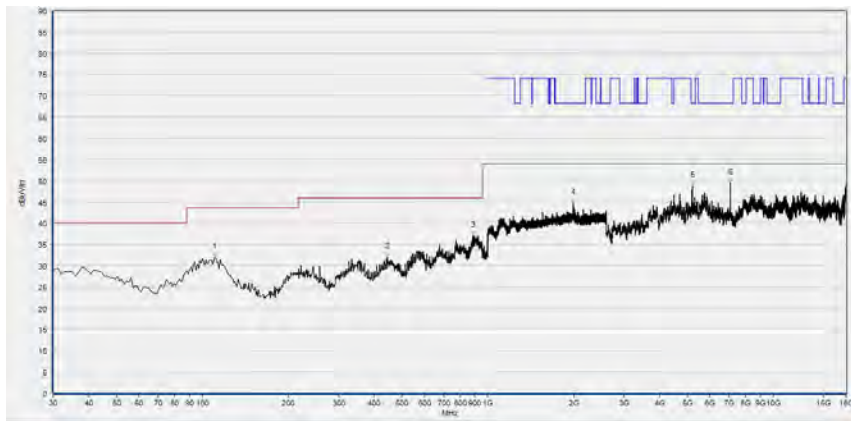
(Antenna Horizontal, 30MHz to 18GHz)



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
101.780	33.69	N/A	N/A	N/A	43.50	N/A	Vertical	PASS
359.800	32.51	N/A	N/A	N/A	46.00	N/A	Vertical	PASS
921.430	37.39	N/A	N/A	N/A	46.00	N/A	Vertical	PASS
1993.600	50.08	N/A	N/A	68.23	N/A	N/A	Vertical	PASS
7025.960	50.12	N/A	N/A	68.23	N/A	N/A	Vertical	PASS
8455.080	47.32	N/A	N/A	74.00	N/A	54.00	Vertical	PASS

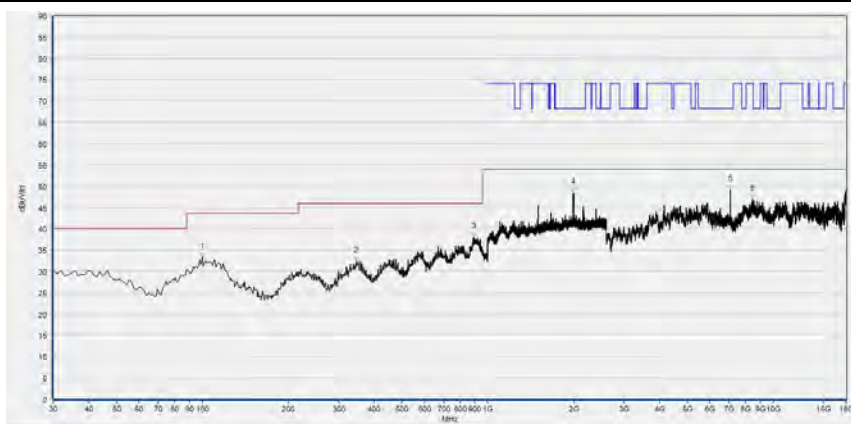
(Antenna Vertical, 30MHz to 18GHz)

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
110.510	32.08	N/A	N/A	N/A	43.50	N/A	Horizontal	PASS
444.190	31.97	N/A	N/A	N/A	46.00	N/A	Horizontal	PASS
888.450	37.10	N/A	N/A	N/A	46.00	N/A	Horizontal	PASS
1990.933	44.80	N/A	N/A	68.23	N/A	N/A	Horizontal	PASS
5199.520	48.73	N/A	N/A	68.23	N/A	N/A	Horizontal	PASS
7081.400	49.39	N/A	N/A	68.23	N/A	N/A	Horizontal	PASS

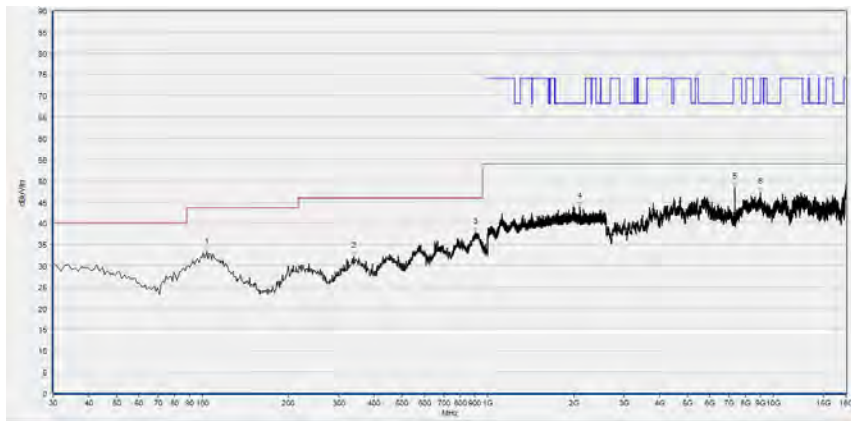
(Antenna Horizontal, 30MHz to 18GHz)



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
99.840	33.43	N/A	N/A	N/A	43.50	N/A	Vertical	PASS
346.220	32.29	N/A	N/A	N/A	46.00	N/A	Vertical	PASS
895.240	38.06	N/A	N/A	N/A	46.00	N/A	Vertical	PASS
1994.133	48.43	N/A	N/A	68.23	N/A	N/A	Vertical	PASS
7081.400	49.21	N/A	N/A	68.23	N/A	N/A	Vertical	PASS
8455.080	46.87	N/A	N/A	74.00	N/A	54.00	Vertical	PASS

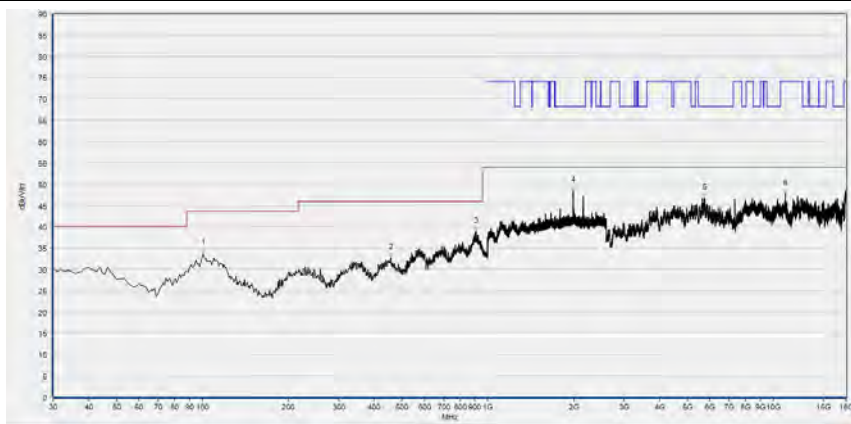
(Antenna Vertical, 30MHz to 18GHz)

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
103.720	33.19	N/A	N/A	N/A	43.50	N/A	Horizontal	PASS
339.430	32.11	N/A	N/A	N/A	46.00	N/A	Horizontal	PASS
905.910	37.89	N/A	N/A	N/A	46.00	N/A	Horizontal	PASS
2094.933	43.87	N/A	N/A	68.23	N/A	N/A	Horizontal	PASS
7346.280	48.36	N/A	N/A	74.00	N/A	54.00	Horizontal	PASS
8997.160	47.22	N/A	N/A	68.23	N/A	N/A	Horizontal	PASS

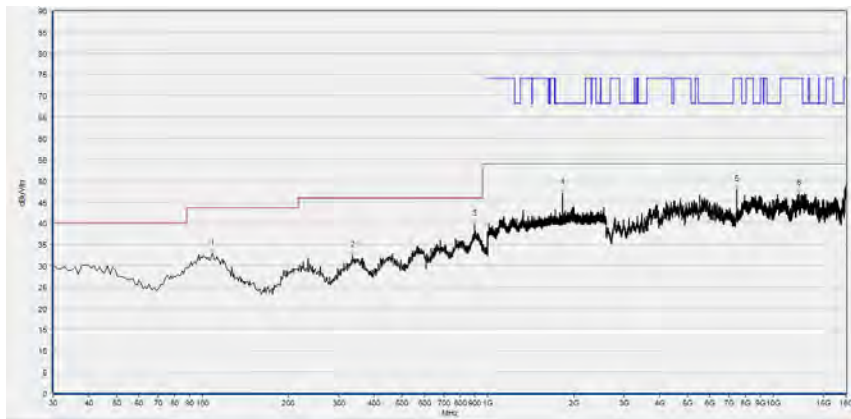
(Antenna Horizontal, 30MHz to 18GHz)



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
100.810	33.68	N/A	N/A	N/A	43.50	N/A	Vertical	PASS
456.800	32.63	N/A	N/A	N/A	46.00	N/A	Vertical	PASS
910.760	38.88	N/A	N/A	N/A	46.00	N/A	Vertical	PASS
1990.933	48.39	N/A	N/A	68.23	N/A	N/A	Vertical	PASS
5744.680	46.76	N/A	N/A	68.23	N/A	N/A	Vertical	PASS
11005.320	47.81	N/A	N/A	74.00	N/A	54.00	Vertical	PASS

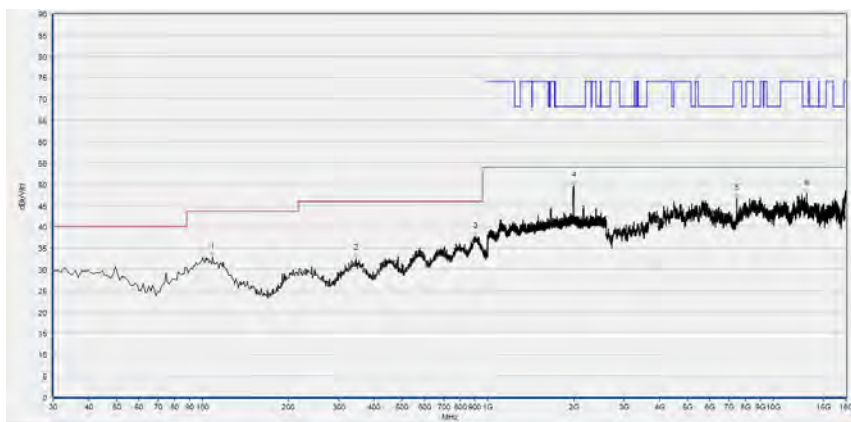
(Antenna Vertical, 30MHz to 18GHz)

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
108.570	32.87	N/A	N/A	N/A	43.50	N/A	Horizontal	PASS
336.520	32.32	N/A	N/A	N/A	46.00	N/A	Horizontal	PASS
898.150	39.66	N/A	N/A	N/A	46.00	N/A	Horizontal	PASS
1829.867	47.10	N/A	N/A	68.23	N/A	N/A	Horizontal	PASS
7454.080	47.89	N/A	N/A	74.00	N/A	54.00	Horizontal	PASS
12289.680	46.96	N/A	N/A	74.00	N/A	54.00	Horizontal	PASS

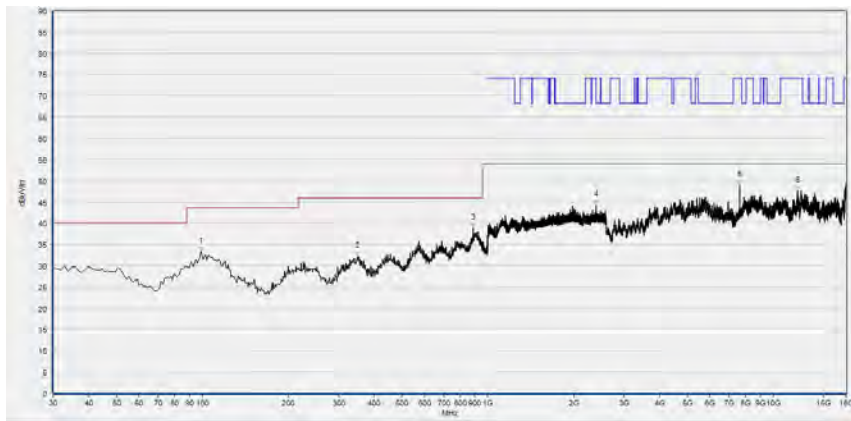
(Antenna Horizontal, 30MHz to 18GHz)



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	32.78	N/A	N/A	N/A	43.50	N/A	Vertical	PASS
346.220	32.55	N/A	N/A	N/A	46.00	N/A	Vertical	PASS
904.940	37.78	N/A	N/A	N/A	46.00	N/A	Vertical	PASS
1997.867	49.60	N/A	N/A	68.23	N/A	N/A	Vertical	PASS
7454.080	46.55	N/A	N/A	74.00	N/A	54.00	Vertical	PASS
13078.160	47.84	N/A	N/A	68.23	N/A	N/A	Vertical	PASS

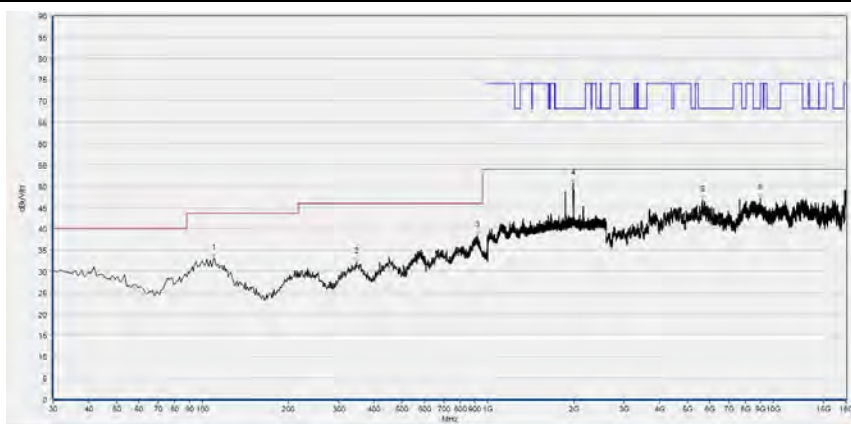
(Antenna Vertical, 30MHz to 18GHz)

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
98.870	33.31	N/A	N/A	N/A	43.50	N/A	Horizontal	PASS
350.100	32.14	N/A	N/A	N/A	46.00	N/A	Horizontal	PASS
889.420	38.86	N/A	N/A	N/A	46.00	N/A	Horizontal	PASS
2389.333	44.21	N/A	N/A	74.00	N/A	54.00	Horizontal	PASS
7614.240	48.99	N/A	N/A	74.00	N/A	54.00	Horizontal	PASS
12163.400	47.66	N/A	N/A	74.00	N/A	54.00	Horizontal	PASS

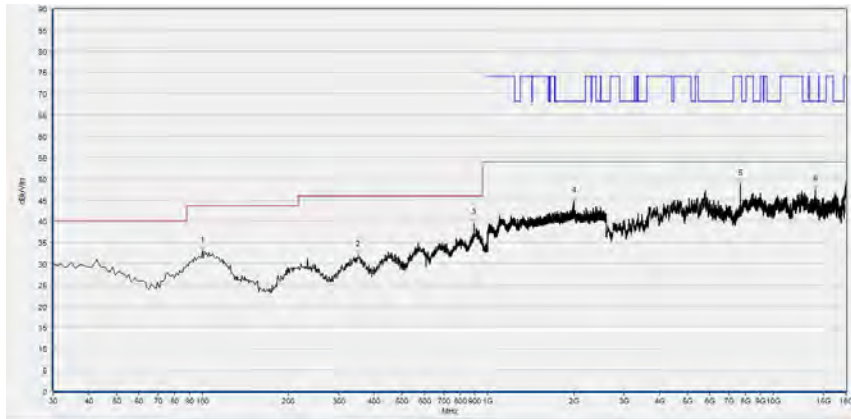
(Antenna Horizontal, 30MHz to 18GHz)



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	33.01	N/A	N/A	N/A	43.50	N/A	Vertical	PASS
347.190	32.19	N/A	N/A	N/A	46.00	N/A	Vertical	PASS
919.490	38.35	N/A	N/A	N/A	46.00	N/A	Vertical	PASS
1995.733	50.69	N/A	N/A	68.23	N/A	N/A	Vertical	PASS
5661.520	46.81	N/A	N/A	68.23	N/A	N/A	Vertical	PASS
9006.400	47.17	N/A	N/A	74.00	N/A	54.00	Vertical	PASS

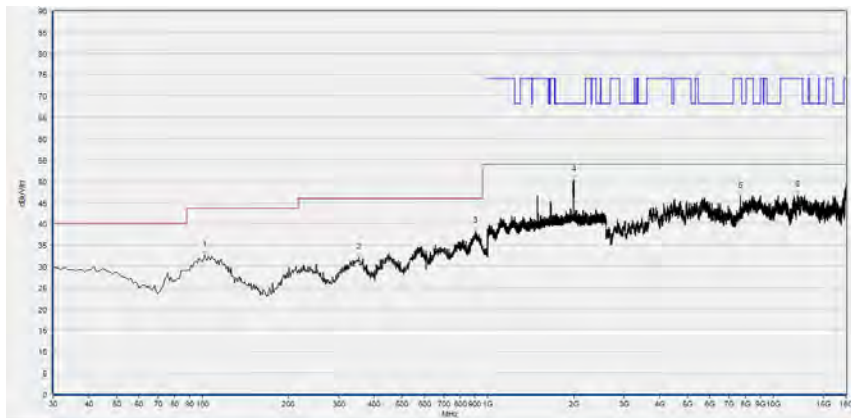
(Antenna Vertical, 30MHz to 18GHz)

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
99.840	33.09	N/A	N/A	N/A	43.50	N/A	Horizontal	PASS
352.040	32.09	N/A	N/A	N/A	46.00	N/A	Horizontal	PASS
893.300	39.55	N/A	N/A	N/A	46.00	N/A	Horizontal	PASS
1998.400	44.73	N/A	N/A	68.23	N/A	N/A	Horizontal	PASS
7672.760	48.78	N/A	N/A	74.00	N/A	54.00	Horizontal	PASS
14039.120	47.43	N/A	N/A	68.23	N/A	N/A	Horizontal	PASS

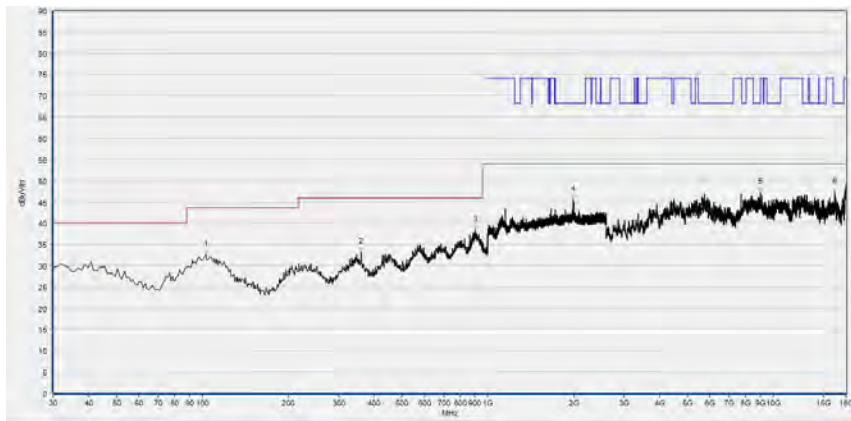
(Antenna Horizontal, 30MHz to 18GHz)



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	32.51	N/A	N/A	N/A	43.50	N/A	Vertical	PASS
353.010	32.08	N/A	N/A	N/A	46.00	N/A	Vertical	PASS
905.910	38.23	N/A	N/A	N/A	46.00	N/A	Vertical	PASS
1999.467	50.29	N/A	N/A	68.23	N/A	N/A	Vertical	PASS
7672.760	46.47	N/A	N/A	74.00	N/A	54.00	Vertical	PASS
12148.000	46.76	N/A	N/A	74.00	N/A	54.00	Vertical	PASS

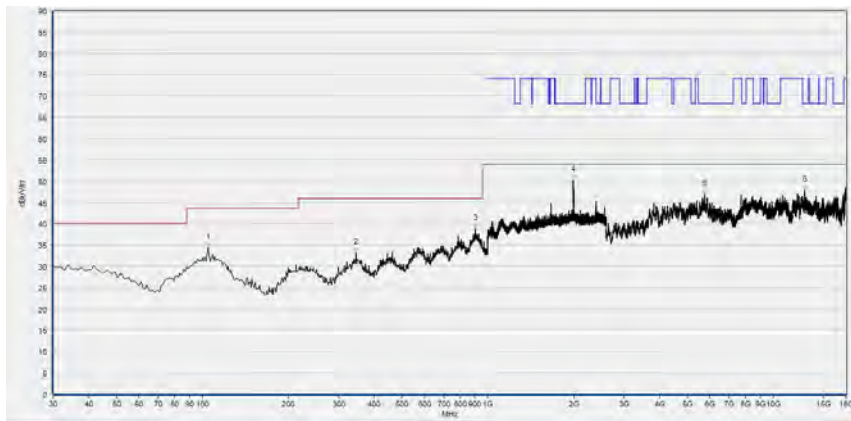
(Antenna Vertical, 30MHz to 18GHz)

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
102.750	32.51	N/A	N/A	N/A	43.50	N/A	Horizontal	PASS
359.800	33.12	N/A	N/A	N/A	46.00	N/A	Horizontal	PASS
904.940	38.35	N/A	N/A	N/A	46.00	N/A	Horizontal	PASS
1996.267	45.59	N/A	N/A	68.23	N/A	N/A	Horizontal	PASS
8994.080	47.20	N/A	N/A	68.23	N/A	N/A	Horizontal	PASS
16410.720	47.45	N/A	N/A	68.23	N/A	N/A	Horizontal	PASS

(Antenna Horizontal, 30MHz to 18GHz)



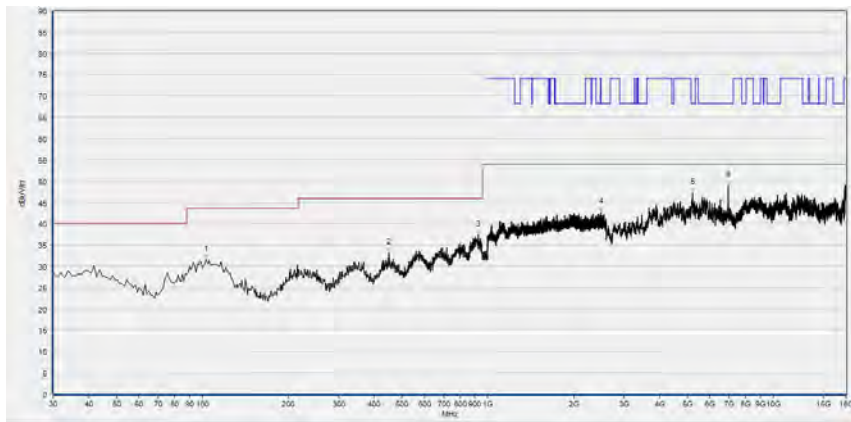
Fre. (MHz)	PK (dBμV/m)	QP (dBμV/m)	AV (dBμV/m)	Limit-PK (dBμV/m)	Limit-QP (dBμV/m)	Limit-AV (dBμV/m)	Antenna	Verdict
104.690	34.34	N/A	N/A	N/A	43.50	N/A	Vertical	PASS
346.220	33.19	N/A	N/A	N/A	46.00	N/A	Vertical	PASS
903.970	38.87	N/A	N/A	N/A	46.00	N/A	Vertical	PASS
1993.067	50.33	N/A	N/A	68.23	N/A	N/A	Vertical	PASS
5750.840	46.86	N/A	N/A	68.23	N/A	N/A	Vertical	PASS
12896.440	47.98	N/A	N/A	68.23	N/A	N/A	Vertical	PASS

(Antenna Vertical, 30MHz to 18GHz)



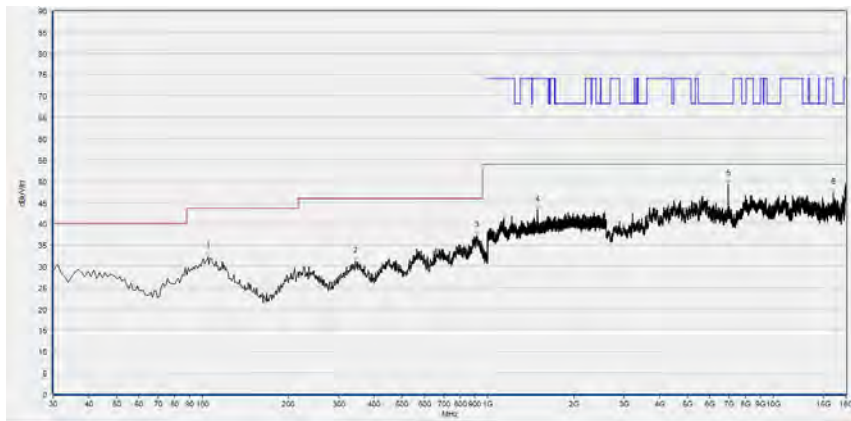
802.11ac (VHT80) Mode

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
102.750	31.50	N/A	N/A	N/A	43.50	N/A	Horizontal	PASS
450.980	33.16	N/A	N/A	N/A	46.00	N/A	Horizontal	PASS
927.250	37.29	N/A	N/A	N/A	46.00	N/A	Horizontal	PASS
2488.533	42.69	N/A	N/A	74.00	N/A	54.00	Horizontal	PASS
5214.920	47.20	N/A	N/A	68.23	N/A	N/A	Horizontal	PASS
6945.880	48.88	N/A	N/A	68.23	N/A	N/A	Horizontal	PASS

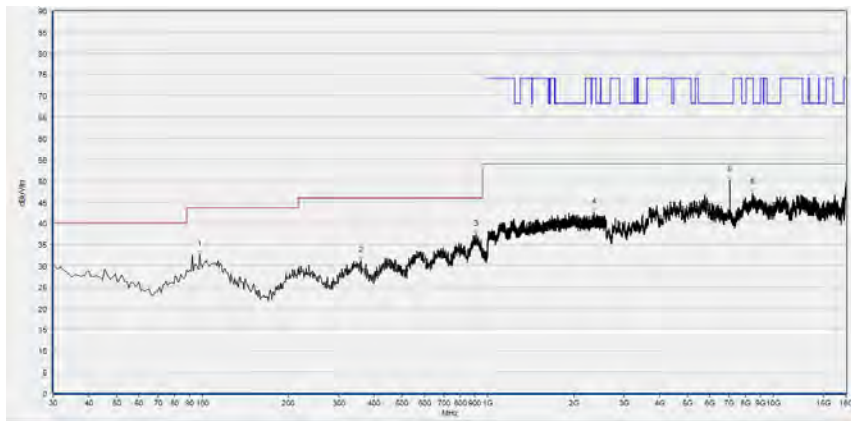
(Antenna Horizontal, 30MHz to 18GHz)



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
101.852	33.12	N/A	N/A	N/A	43.50	N/A	Vertical	PASS
219.339	30.26	N/A	N/A	N/A	46.00	N/A	Vertical	PASS
571.802	34.67	N/A	N/A	N/A	46.00	N/A	Vertical	PASS
1599.667	38.27	N/A	N/A	74.00	N/A	54.00	Vertical	PASS
5757.632	45.61	N/A	N/A	68.23	N/A	N/A	Vertical	PASS
12883.097	47.06	N/A	N/A	74.00	N/A	54.00	Vertical	PASS

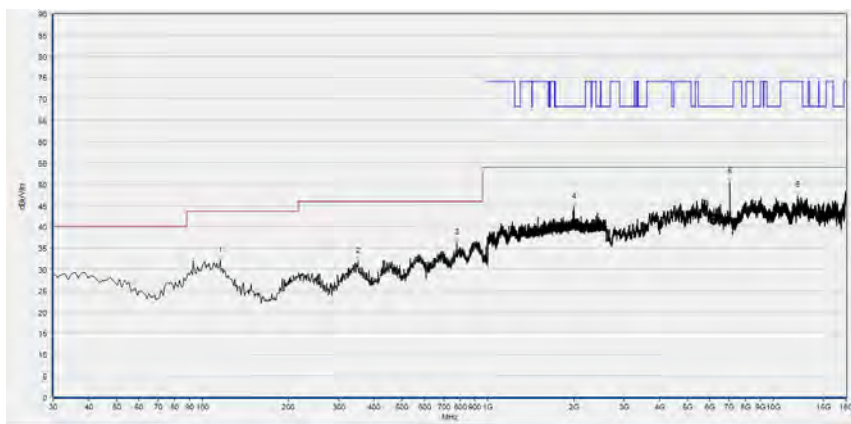
(Antenna Vertical, 30MHz to 18GHz)

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
97.900	32.49	N/A	N/A	N/A	43.50	N/A	Horizontal	PASS
358.830	31.14	N/A	N/A	N/A	46.00	N/A	Horizontal	PASS
911.730	37.36	N/A	N/A	N/A	46.00	N/A	Horizontal	PASS
2360.533	42.54	N/A	N/A	74.00	N/A	54.00	Horizontal	PASS
7053.680	50.12	N/A	N/A	68.23	N/A	N/A	Horizontal	PASS
8479.720	47.02	N/A	N/A	74.00	N/A	54.00	Horizontal	PASS

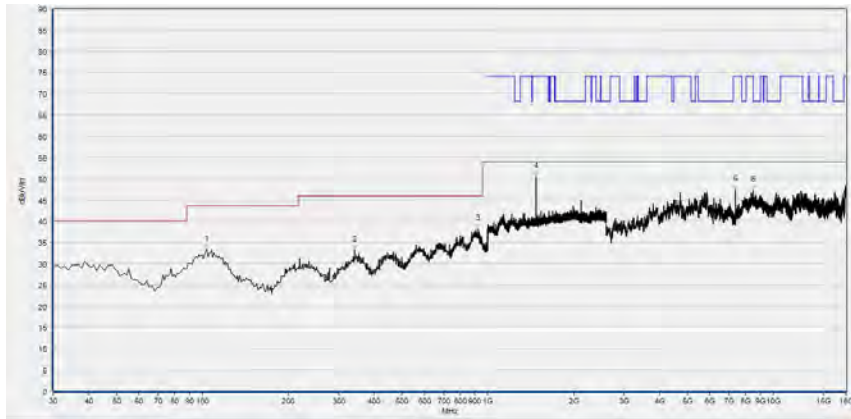
(Antenna Horizontal, 30MHz to 18GHz)



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
115.360	31.95	N/A	N/A	N/A	43.50	N/A	Vertical	PASS
351.070	31.86	N/A	N/A	N/A	46.00	N/A	Vertical	PASS
779.810	36.26	N/A	N/A	N/A	46.00	N/A	Vertical	PASS
1998.400	44.64	N/A	N/A	68.23	N/A	N/A	Vertical	PASS
7053.680	50.47	N/A	N/A	68.23	N/A	N/A	Vertical	PASS
12194.200	47.20	N/A	N/A	74.00	N/A	54.00	Vertical	PASS

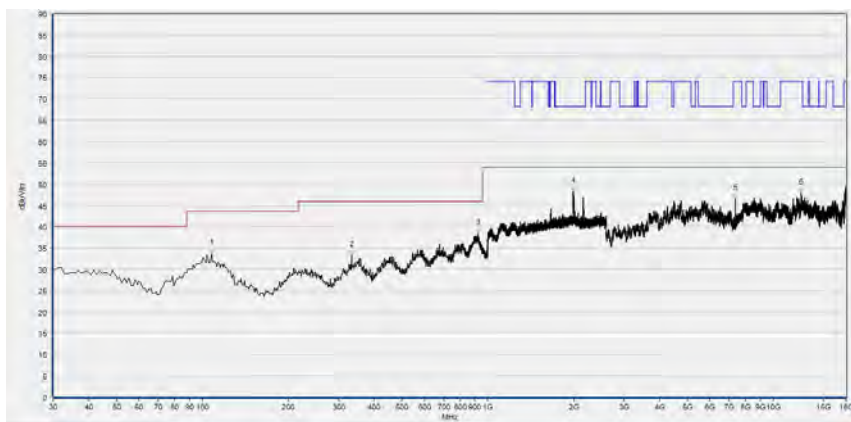
(Antenna Vertical, 30MHz to 18GHz)

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
103.720	33.33	N/A	N/A	N/A	43.50	N/A	Horizontal	PASS
341.370	33.20	N/A	N/A	N/A	46.00	N/A	Horizontal	PASS
924.340	38.28	N/A	N/A	N/A	46.00	N/A	Horizontal	PASS
1478.400	50.37	N/A	N/A	74.00	N/A	54.00	Horizontal	PASS
7374.000	47.48	N/A	N/A	74.00	N/A	54.00	Horizontal	PASS
8495.120	47.27	N/A	N/A	74.00	N/A	54.00	Horizontal	PASS

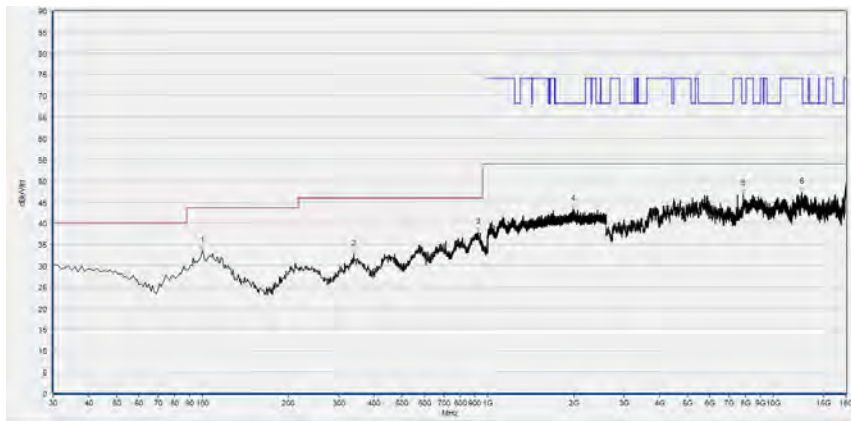
(Antenna Horizontal, 30MHz to 18GHz)



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	33.75	N/A	N/A	N/A	43.50	N/A	Vertical	PASS
333.610	33.37	N/A	N/A	N/A	46.00	N/A	Vertical	PASS
923.370	38.46	N/A	N/A	N/A	46.00	N/A	Vertical	PASS
1990.400	48.21	N/A	N/A	68.23	N/A	N/A	Vertical	PASS
7374.000	46.53	N/A	N/A	74.00	N/A	54.00	Vertical	PASS
12489.880	47.96	N/A	N/A	74.00	N/A	54.00	Vertical	PASS

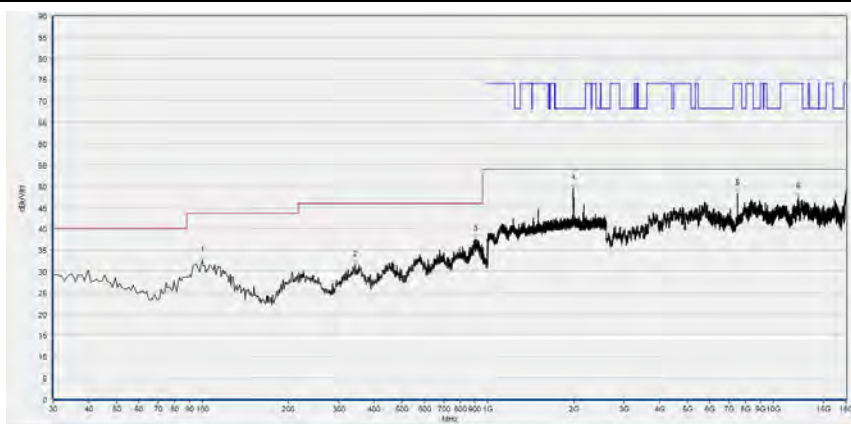
(Antenna Vertical, 30MHz to 18GHz)

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	33.53	N/A	N/A	N/A	43.50	N/A	Horizontal	PASS
339.430	32.69	N/A	N/A	N/A	46.00	N/A	Horizontal	PASS
924.340	37.83	N/A	N/A	N/A	46.00	N/A	Horizontal	PASS
1993.067	43.16	N/A	N/A	68.23	N/A	N/A	Horizontal	PASS
7848.320	46.85	N/A	N/A	68.23	N/A	N/A	Horizontal	PASS
12560.720	47.25	N/A	N/A	74.00	N/A	54.00	Horizontal	PASS

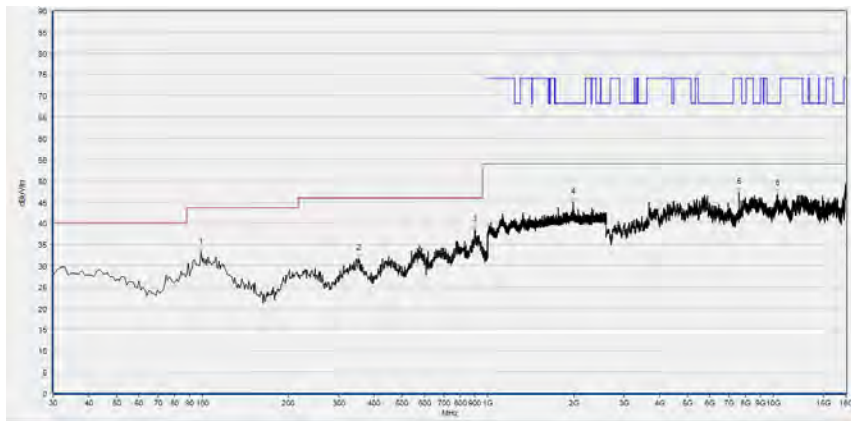
(Antenna Horizontal, 30MHz to 18GHz)



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
99.840	32.45	N/A	N/A	N/A	43.50	N/A	Vertical	PASS
343.310	31.57	N/A	N/A	N/A	46.00	N/A	Vertical	PASS
902.030	37.47	N/A	N/A	N/A	46.00	N/A	Vertical	PASS
1994.667	49.46	N/A	N/A	68.23	N/A	N/A	Vertical	PASS
7478.720	48.28	N/A	N/A	74.00	N/A	54.00	Vertical	PASS
12203.440	47.46	N/A	N/A	74.00	N/A	54.00	Vertical	PASS

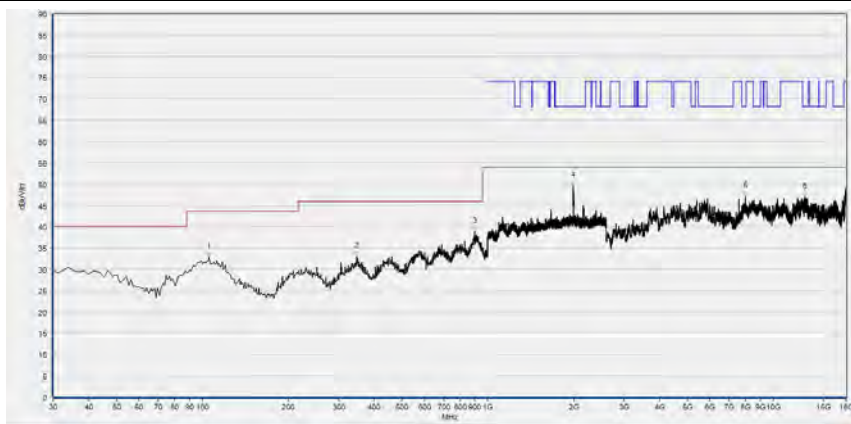
(Antenna Vertical, 30MHz to 18GHz)

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
98.870	33.13	N/A	N/A	N/A	43.50	N/A	Horizontal	PASS
353.980	31.67	N/A	N/A	N/A	46.00	N/A	Horizontal	PASS
898.150	38.30	N/A	N/A	N/A	46.00	N/A	Horizontal	PASS
1991.467	44.87	N/A	N/A	68.23	N/A	N/A	Horizontal	PASS
7586.520	47.34	N/A	N/A	74.00	N/A	54.00	Horizontal	PASS
10340.040	46.98	N/A	N/A	68.23	N/A	N/A	Horizontal	PASS

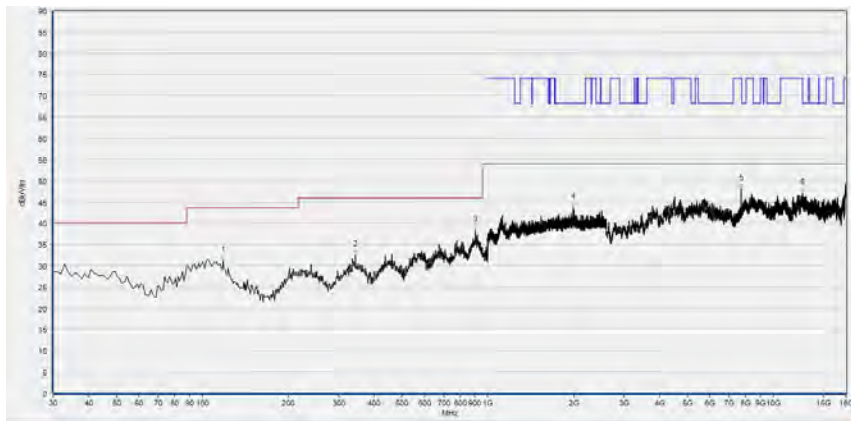
(Antenna Horizontal, 30MHz to 18GHz)



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	32.91	N/A	N/A	N/A	43.50	N/A	Vertical	PASS
347.190	32.98	N/A	N/A	N/A	46.00	N/A	Vertical	PASS
898.150	38.87	N/A	N/A	N/A	46.00	N/A	Vertical	PASS
1995.200	49.59	N/A	N/A	68.23	N/A	N/A	Vertical	PASS
7965.360	47.01	N/A	N/A	68.23	N/A	N/A	Vertical	PASS
12884.120	46.89	N/A	N/A	68.23	N/A	N/A	Vertical	PASS

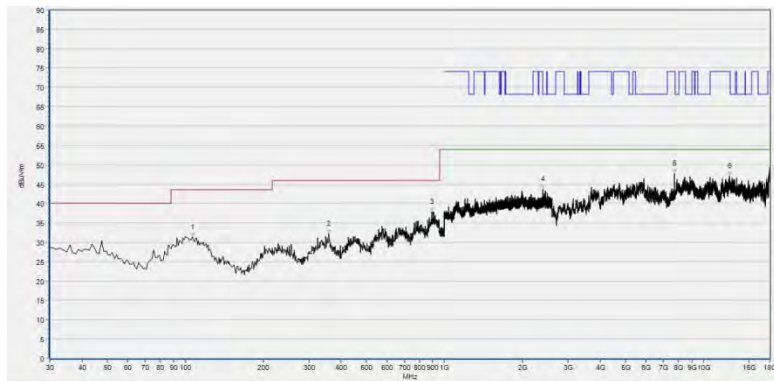
(Antenna Vertical, 30MHz to 18GHz)

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
118.270	31.13	N/A	N/A	N/A	43.50	N/A	Horizontal	PASS
344.280	32.48	N/A	N/A	N/A	46.00	N/A	Horizontal	PASS
903.000	38.35	N/A	N/A	N/A	46.00	N/A	Horizontal	PASS
1992.000	43.67	N/A	N/A	68.23	N/A	N/A	Horizontal	PASS
7700.480	48.16	N/A	N/A	74.00	N/A	54.00	Horizontal	PASS
12680.840	47.17	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	31.27	N/A	N/A	N/A	43.50	N/A	Vertical	PASS
357.860	32.23	N/A	N/A	N/A	46.00	N/A	Vertical	PASS
894.270	37.87	N/A	N/A	N/A	46.00	N/A	Vertical	PASS
2392.000	43.72	N/A	N/A	68.23	N/A	N/A	Vertical	PASS
7700.480	47.68	N/A	N/A	74.00	N/A	54.00	Vertical	PASS
12619.240	47.06	N/A	N/A	74.00	N/A	54.00	Vertical	PASS

(Antenna Vertical, 30MHz to 18GHz)

————— END OF REPORT —————