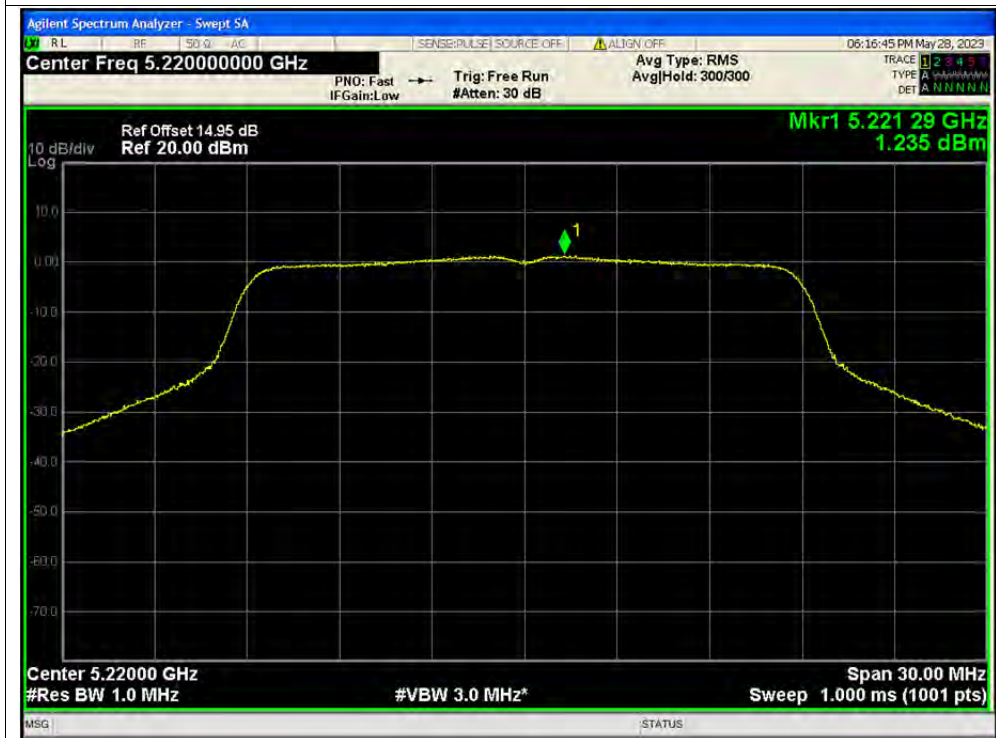


PSD NVNT n20 5220MHz Ant1

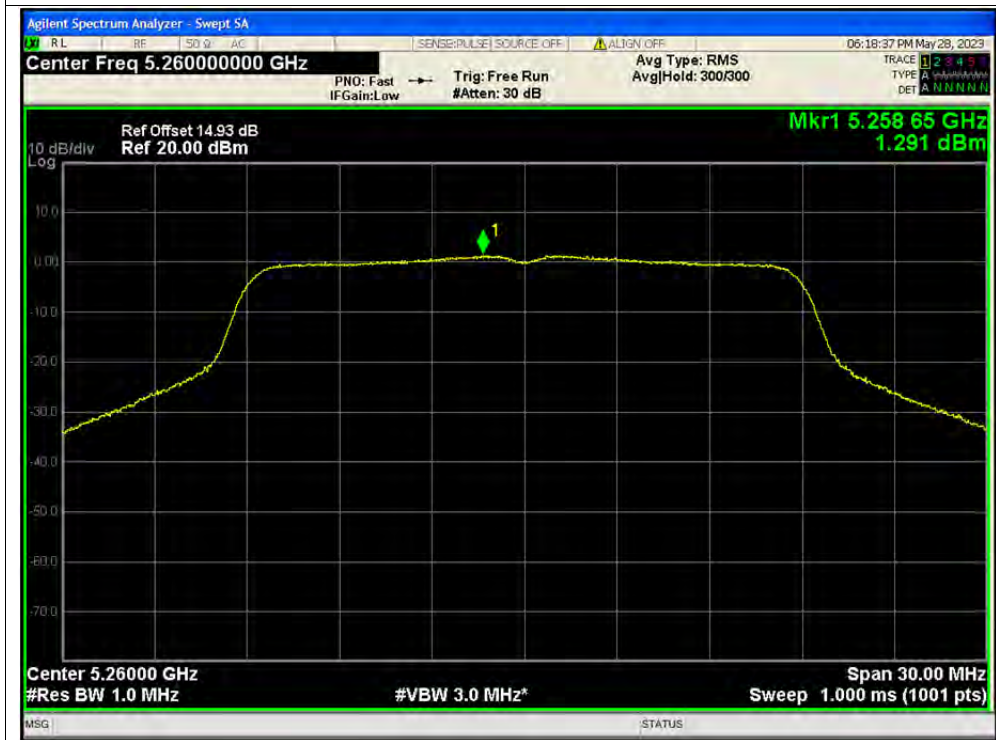


PSD NVNT n20 5240MHz Ant1

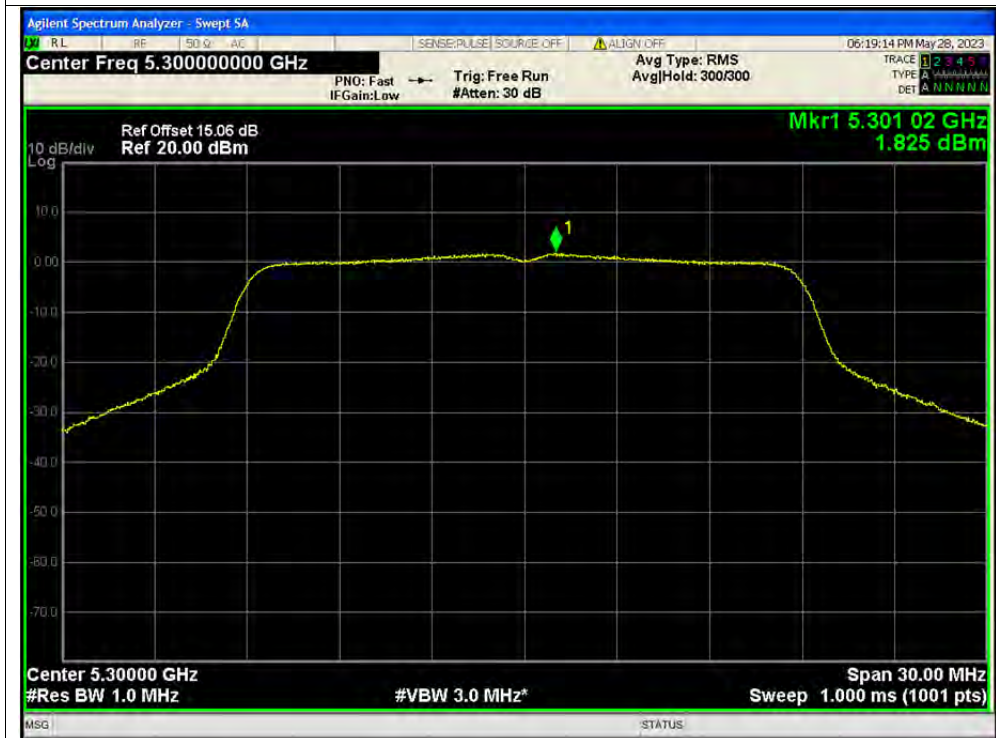




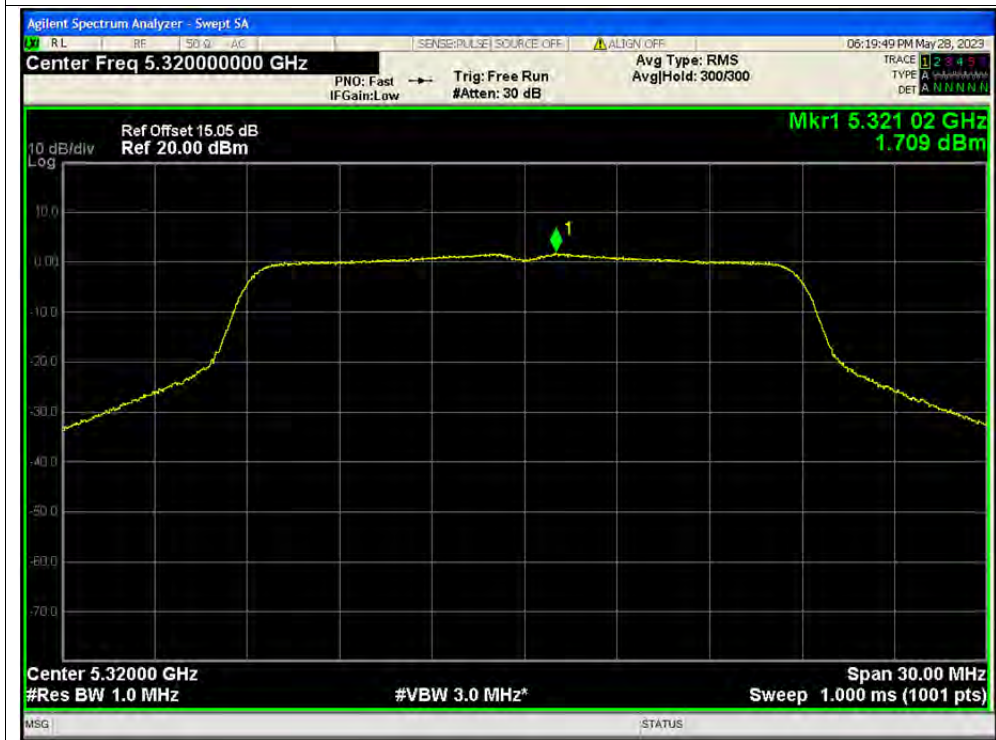
PSD NVNT n20 5260MHz Ant1



PSD NVNT n20 5300MHz Ant1



PSD NVNT n20 5320MHz Ant1

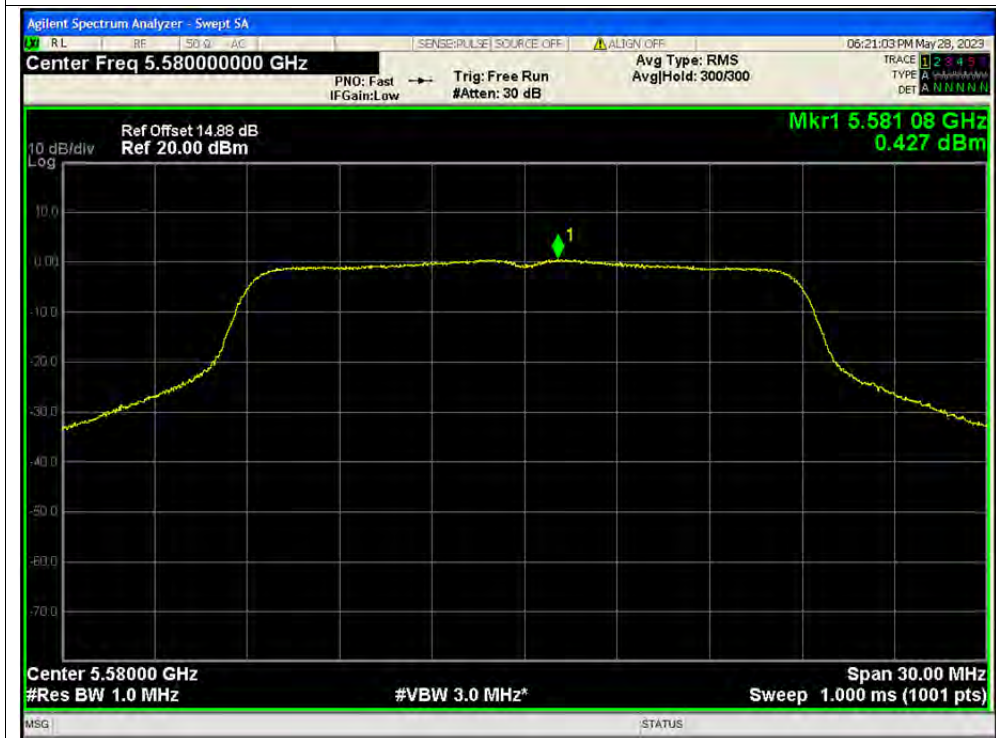


PSD NVNT n20 5500MHz Ant1





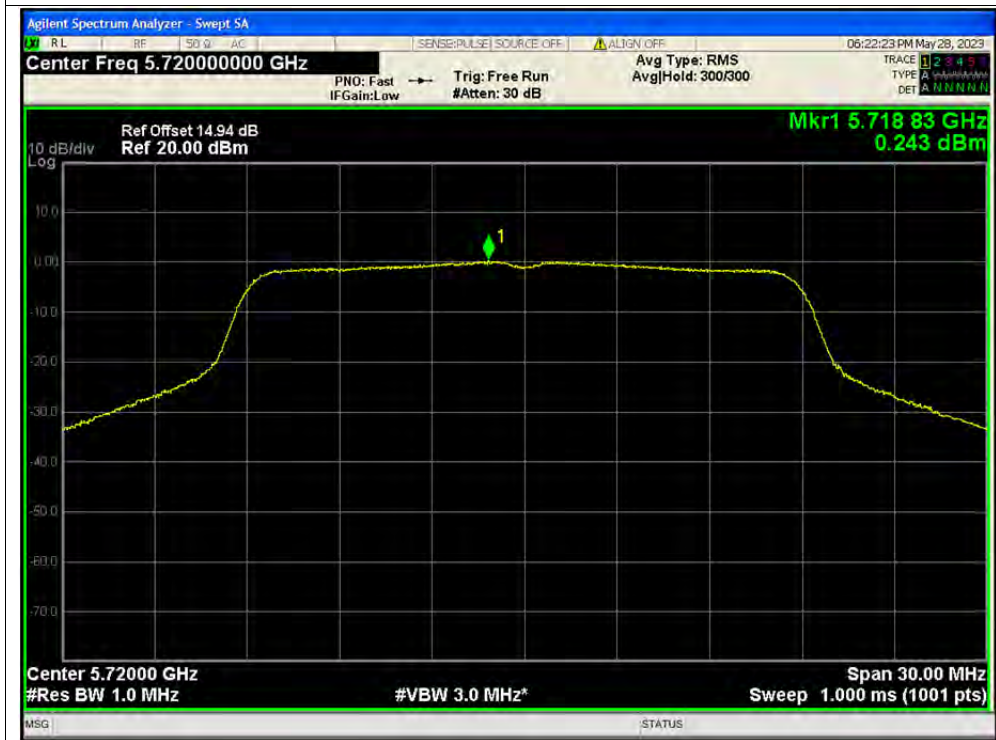
PSD NVNT n20 5580MHz Ant1



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

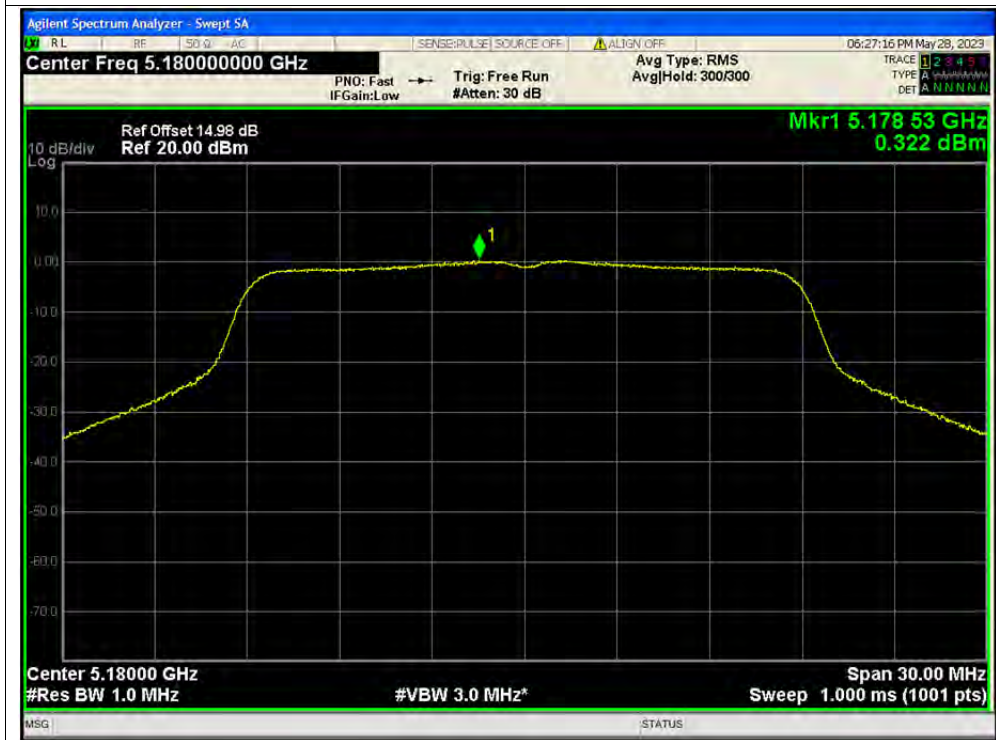


PSD NVNT n40 5795MHz Ant1

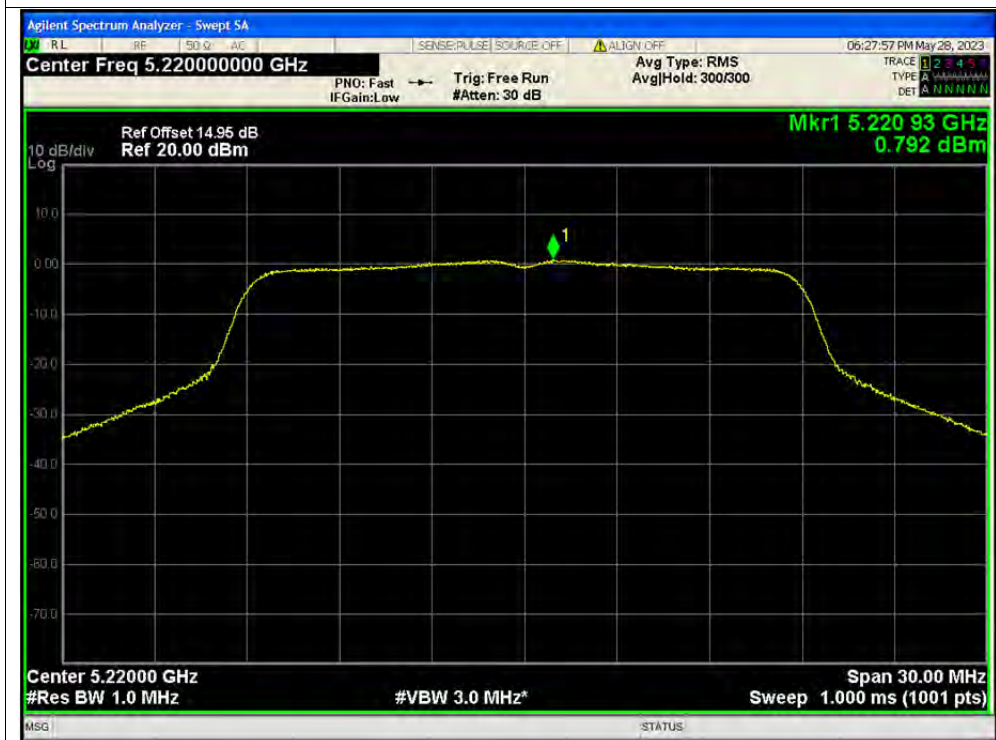




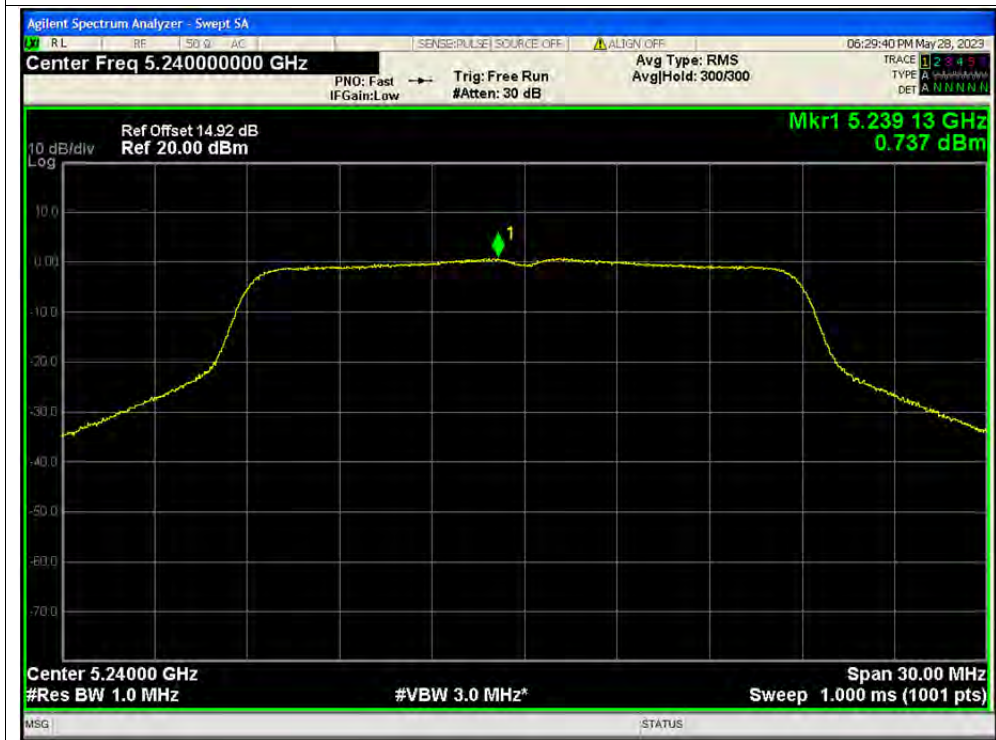
PSD NVNT ac20 5180MHz Ant1



PSD NVNT ac20 5220MHz Ant1



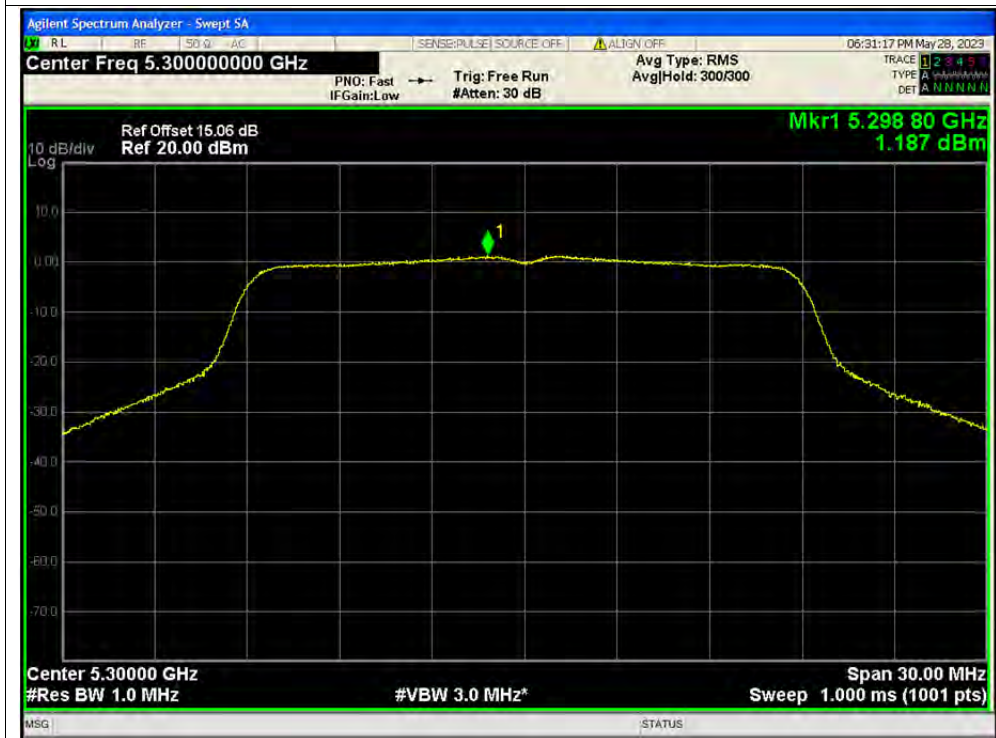
PSD NVNT ac20 5240MHz Ant1



PSD NVNT ac20 5260MHz Ant1



PSD NVNT ac20 5300MHz Ant1

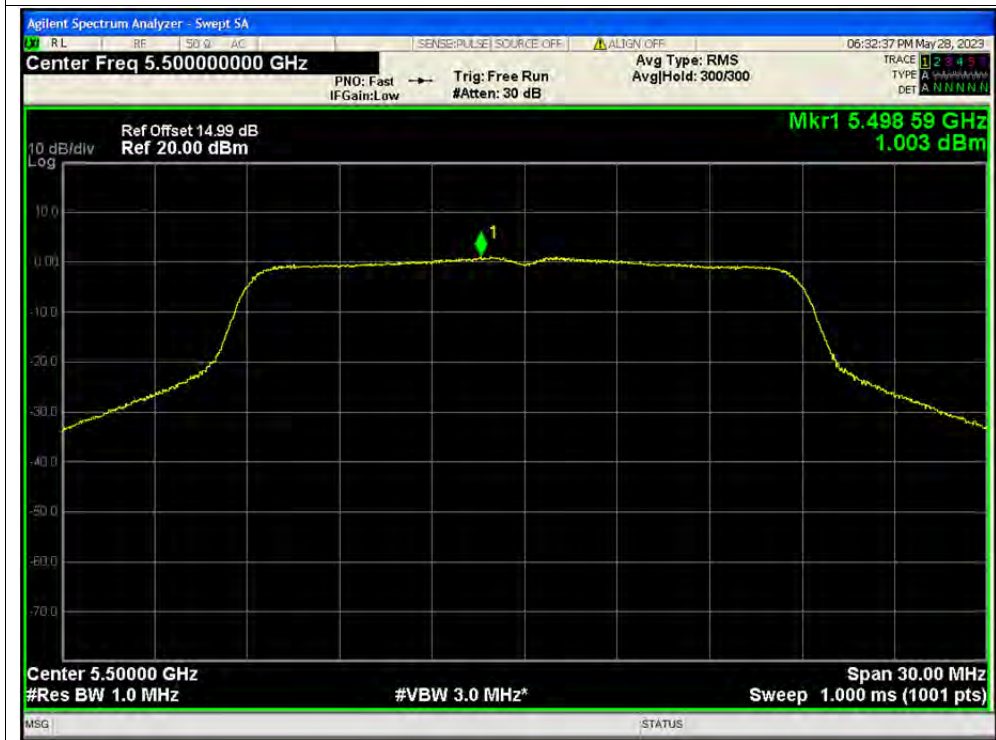


PSD NVNT ac20 5320MHz Ant1





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



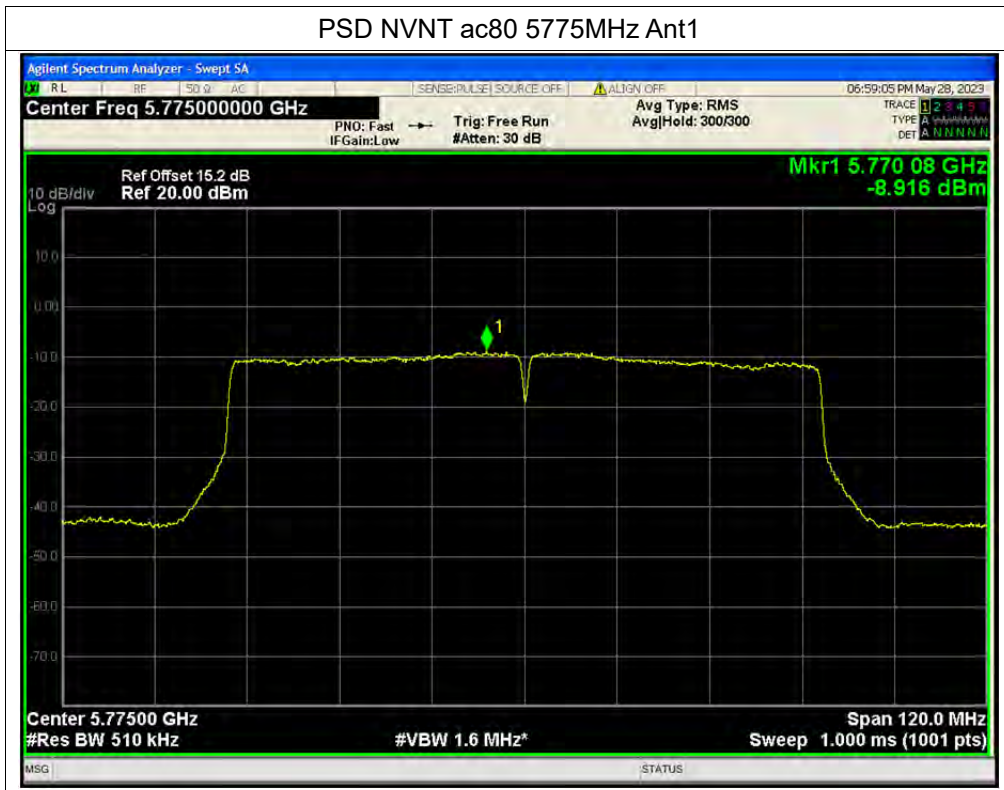


PSD NVNT ac80 5610MHz Ant1



PSD NVNT ac80 5690MHz Ant1





**A.5. Frequency Stability**

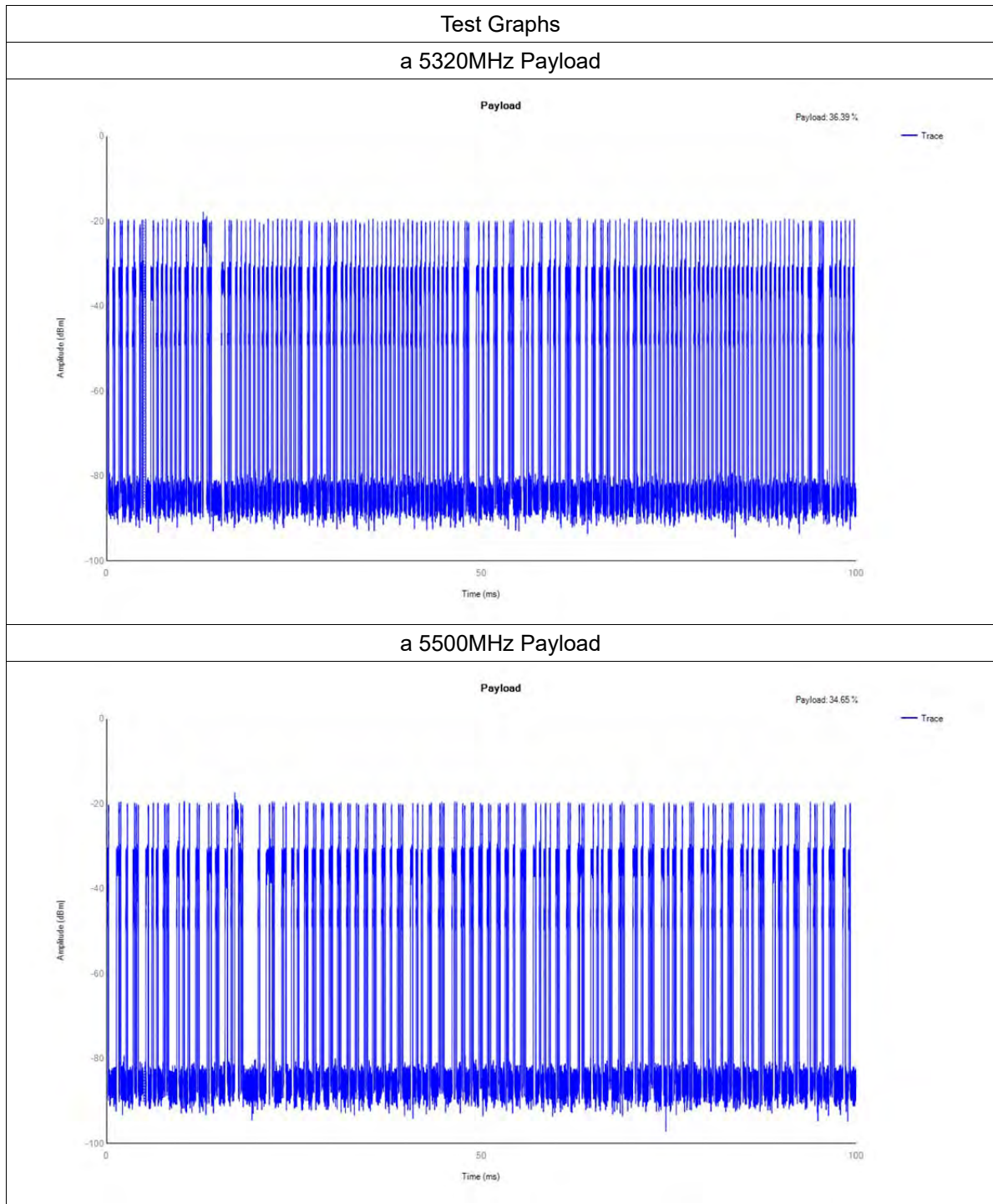
Condition	Mode	Frequency (MHz)	Antenna	Measured Frequency (MHz)	Frequency Error (Hz)	Deviation (ppm)	Limit (ppm)	Verdict
20C 3.6V	Carrier	5180	Ant1	5179.989	-11000	-2.12	25	Pass
20C 4.4V	Carrier	5180	Ant1	5179.989	-11000	-2.12	25	Pass
0C 3.85V	Carrier	5180	Ant1	5179.989	-11000	-2.12	25	Pass
10C 3.85V	Carrier	5180	Ant1	5179.989	-11000	-2.12	25	Pass
20C 3.85V	Carrier	5180	Ant1	5179.989	-11000	-2.12	25	Pass
30C 3.85V	Carrier	5180	Ant1	5179.989	-11000	-2.12	25	Pass
40C 3.85V	Carrier	5180	Ant1	5179.989	-11000	-2.12	25	Pass
20C 3.6V	Carrier	5260	Ant1	5259.99	-10000	-1.9	25	Pass
20C 4.4V	Carrier	5260	Ant1	5259.989	-11000	-2.09	25	Pass
0C 3.85V	Carrier	5260	Ant1	5259.989	-11000	-2.09	25	Pass
10C 3.85V	Carrier	5260	Ant1	5259.989	-11000	-2.09	25	Pass
20C 3.85V	Carrier	5260	Ant1	5259.989	-11000	-2.09	25	Pass
30C 3.85V	Carrier	5260	Ant1	5259.989	-11000	-2.09	25	Pass
40C 3.85V	Carrier	5260	Ant1	5259.989	-11000	-2.09	25	Pass
20C 3.6V	Carrier	5500	Ant1	5499.988	-12000	-2.18	25	Pass
20C 4.4V	Carrier	5500	Ant1	5499.989	-11000	-2	25	Pass
0C 3.85V	Carrier	5500	Ant1	5499.988	-12000	-2.18	25	Pass
10C 3.85V	Carrier	5500	Ant1	5499.989	-11000	-2	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
20C 3.6V	Carrier	5745	Ant1	5744.988	-12000	-2.09	25	Pass
20C 4.4V	Carrier	5745	Ant1	5744.988	-12000	-2.09	25	Pass
0C 3.85V	Carrier	5745	Ant1	5744.988	-12000	-2.09	25	Pass
10C 3.85V	Carrier	5745	Ant1	5744.988	-12000	-2.09	25	Pass
20C 3.85V	Carrier	5745	Ant1	5744.988	-12000	-2.09	25	Pass
30C 3.85V	Carrier	5745	Ant1	5744.988	-12000	-2.09	25	Pass
40C 3.85V	Carrier	5745	Ant1	5744.988	-12000	-2.09	25	Pass

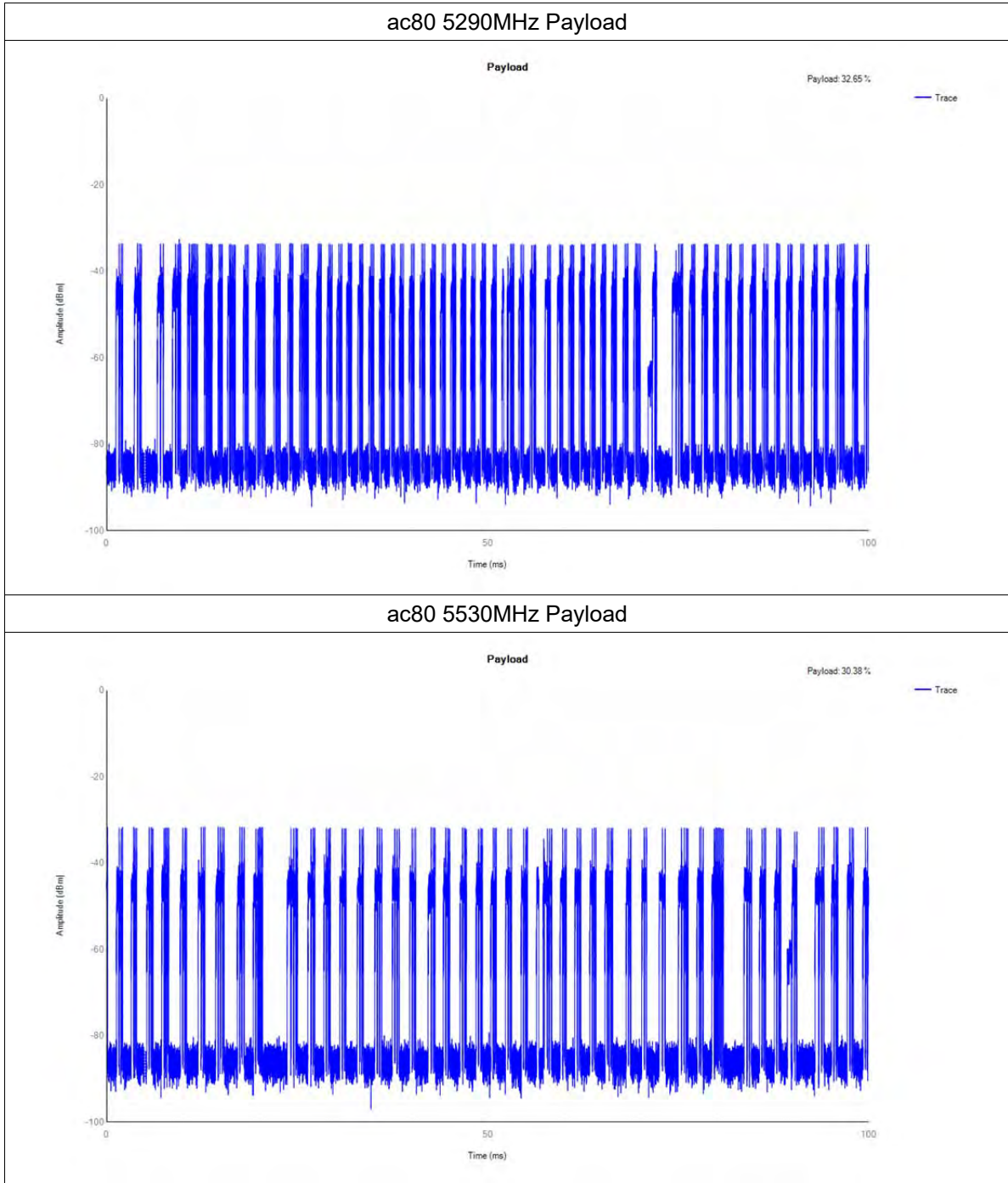


A.6. Dynamic Frequency Selection

Payload

Mode	Frequency (MHz)	Result	Verdict
a	5320	36.39	Pass
a	5500	34.65	Pass
ac80	5290	32.65	Pass
ac80	5530	30.38	Pass

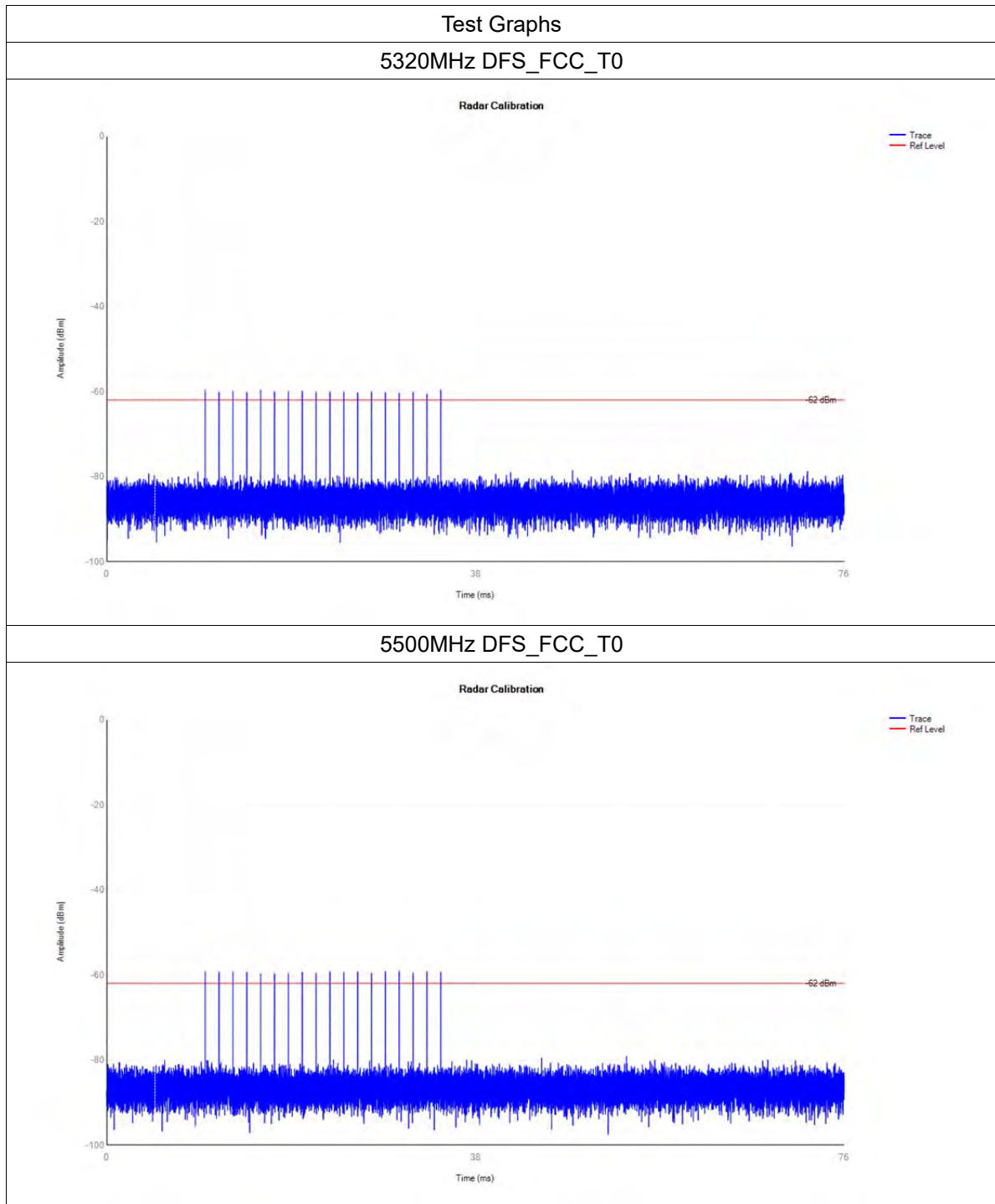


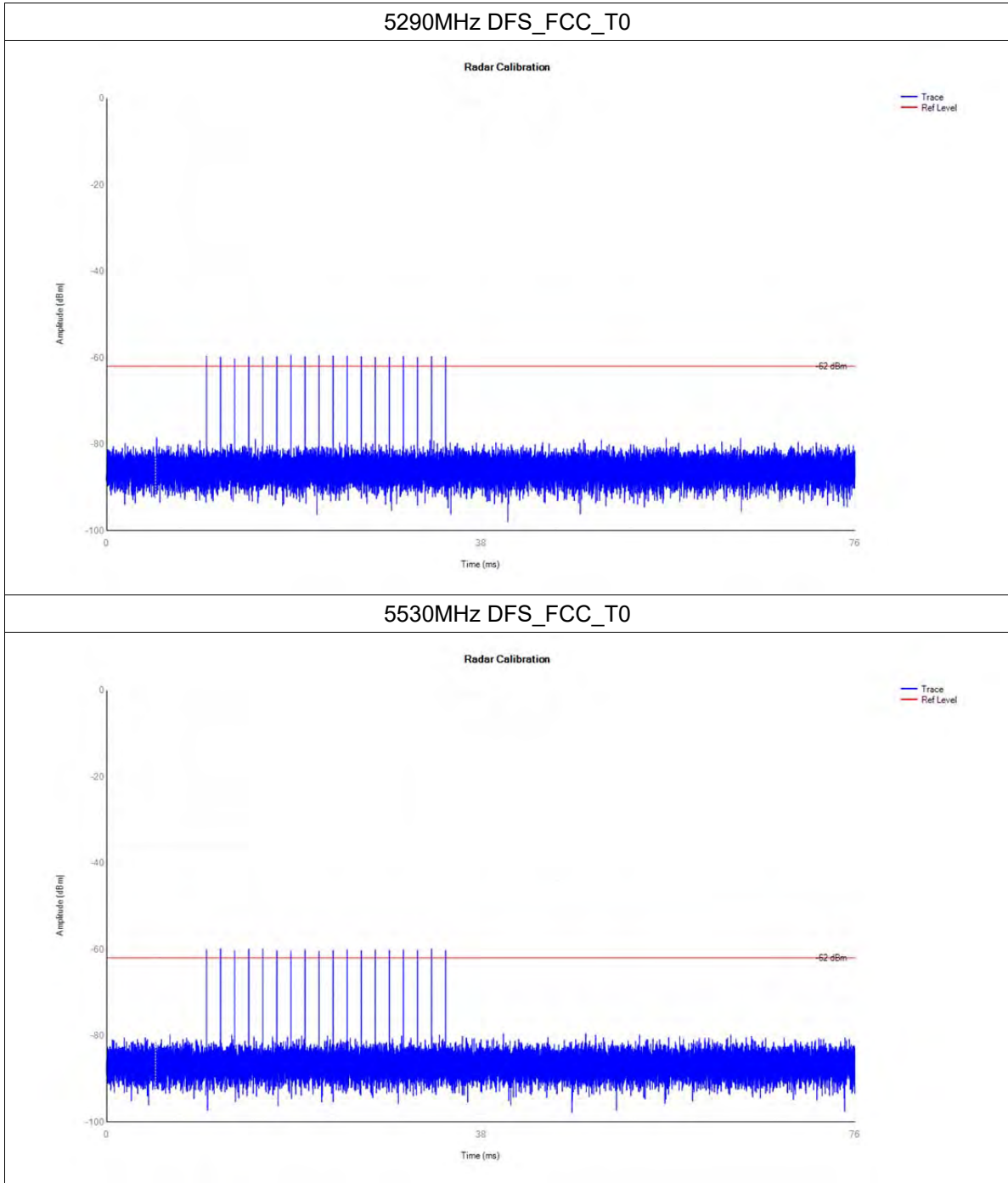




Calibration

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





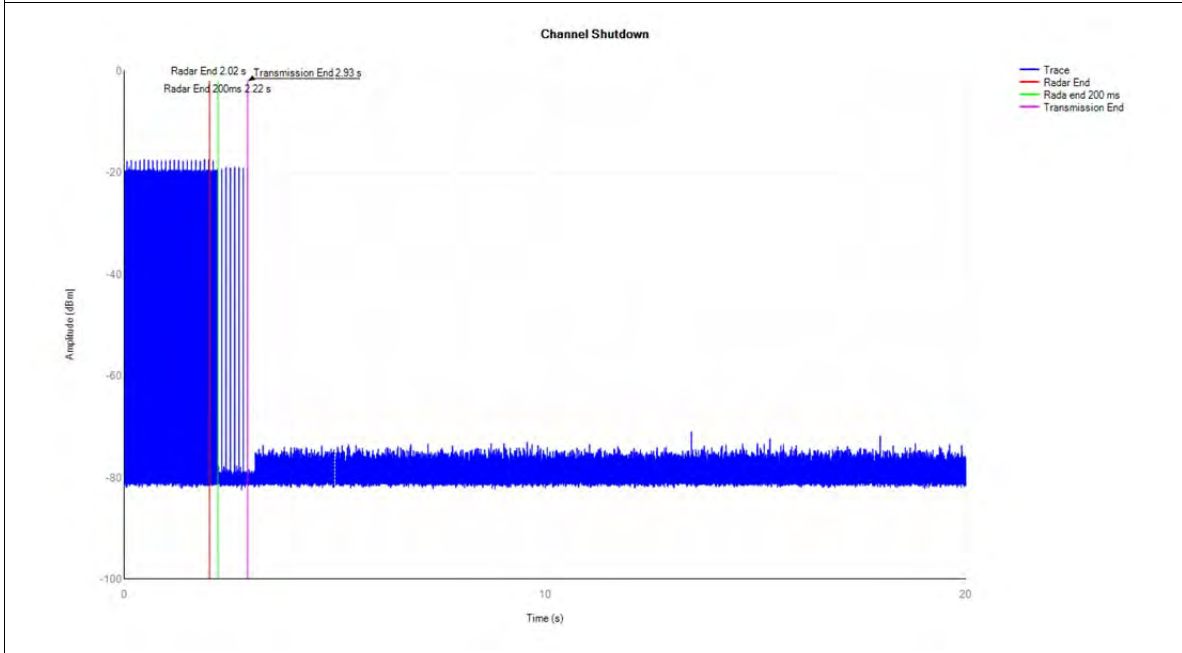


Channel Move Time and Channel Closing Transmission Time

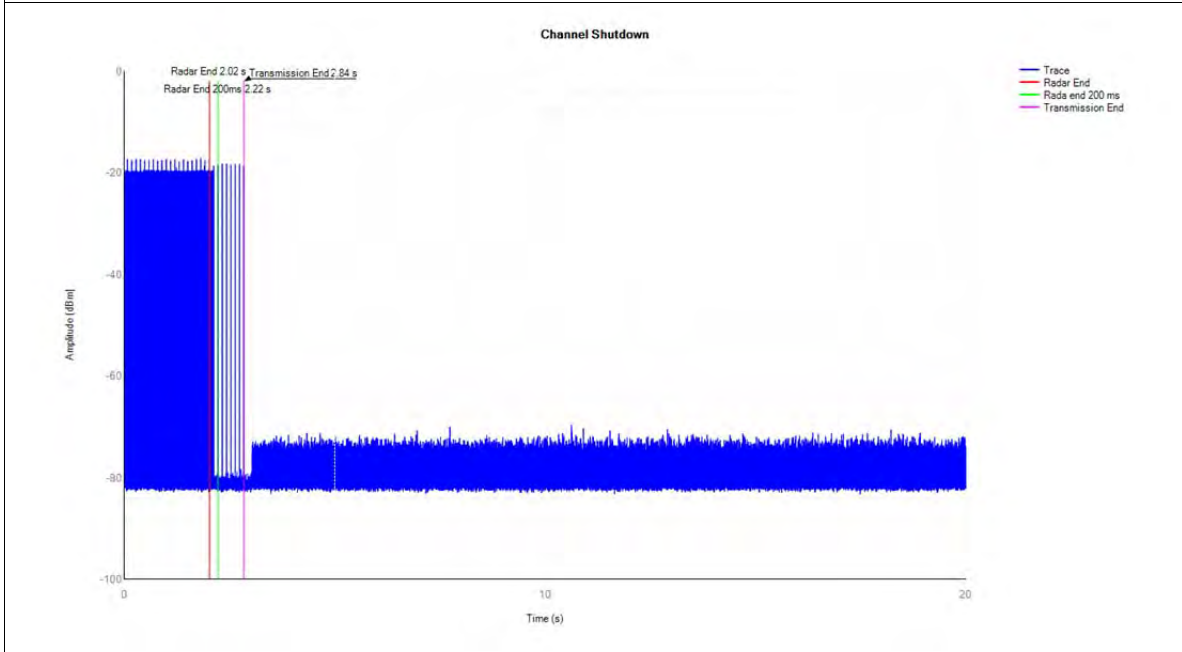
Mode	Frequency (MHz)	Channel Move Time (s)	Limit Channel Move Time (s)	Close Transmission Time (s)	Limit Close Transmission Time (s)	Close Transmission Time after 200ms(s)	Limit Close Transmission Time after 200ms (s)	Verdict
a	5320	0.907	10	0.086	0.26	0.009	0.06	Pass
a	5500	0.817	10	0.05	0.26	0.009	0.06	Pass
ac80	5290	0.052	10	0.015	0.26	0	0.06	Pass
ac80	5530	0.094	10	0.027	0.26	0	0.06	Pass

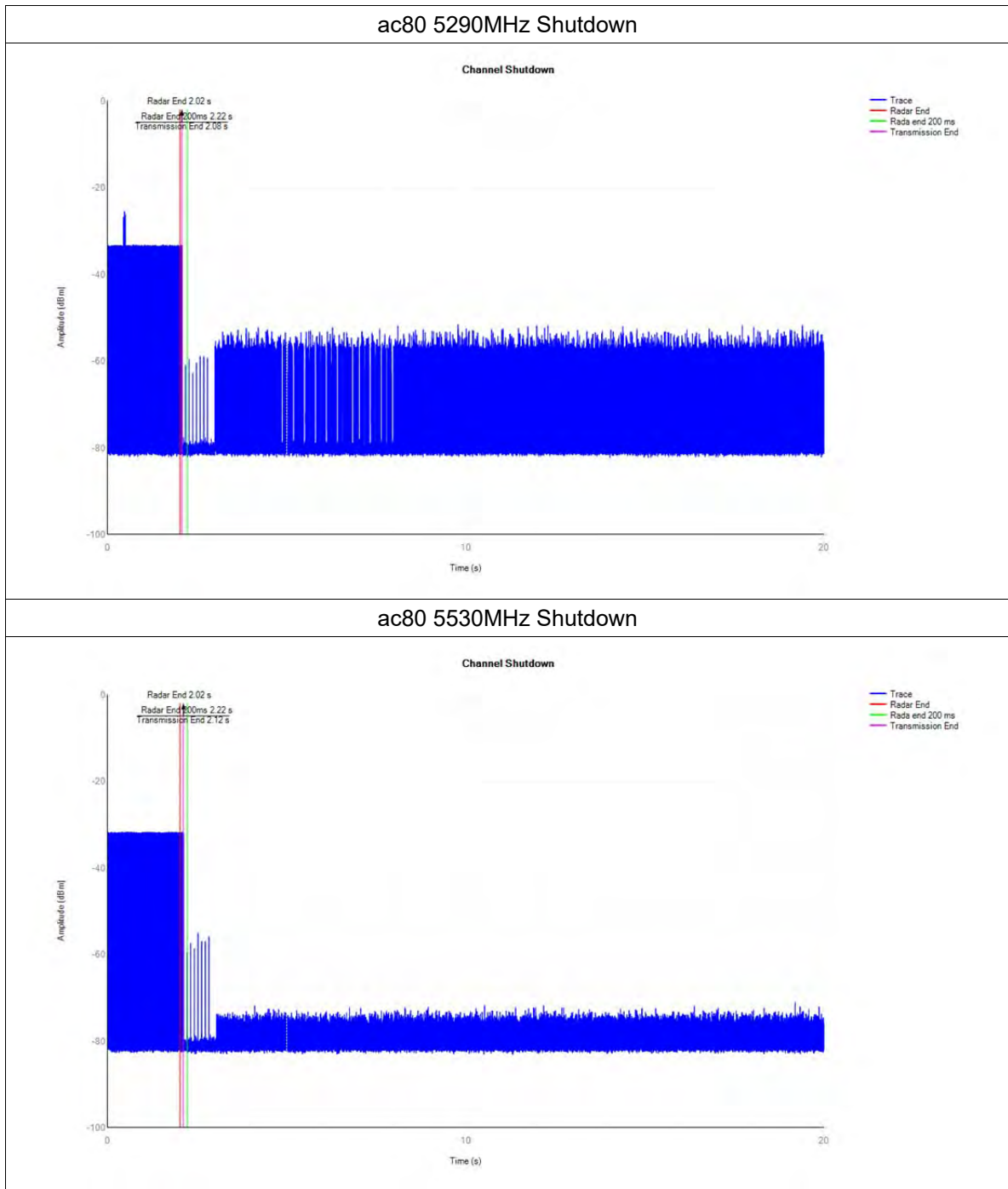
Test Graphs

a 5320MHz Shutdown



a 5500MHz Shutdown



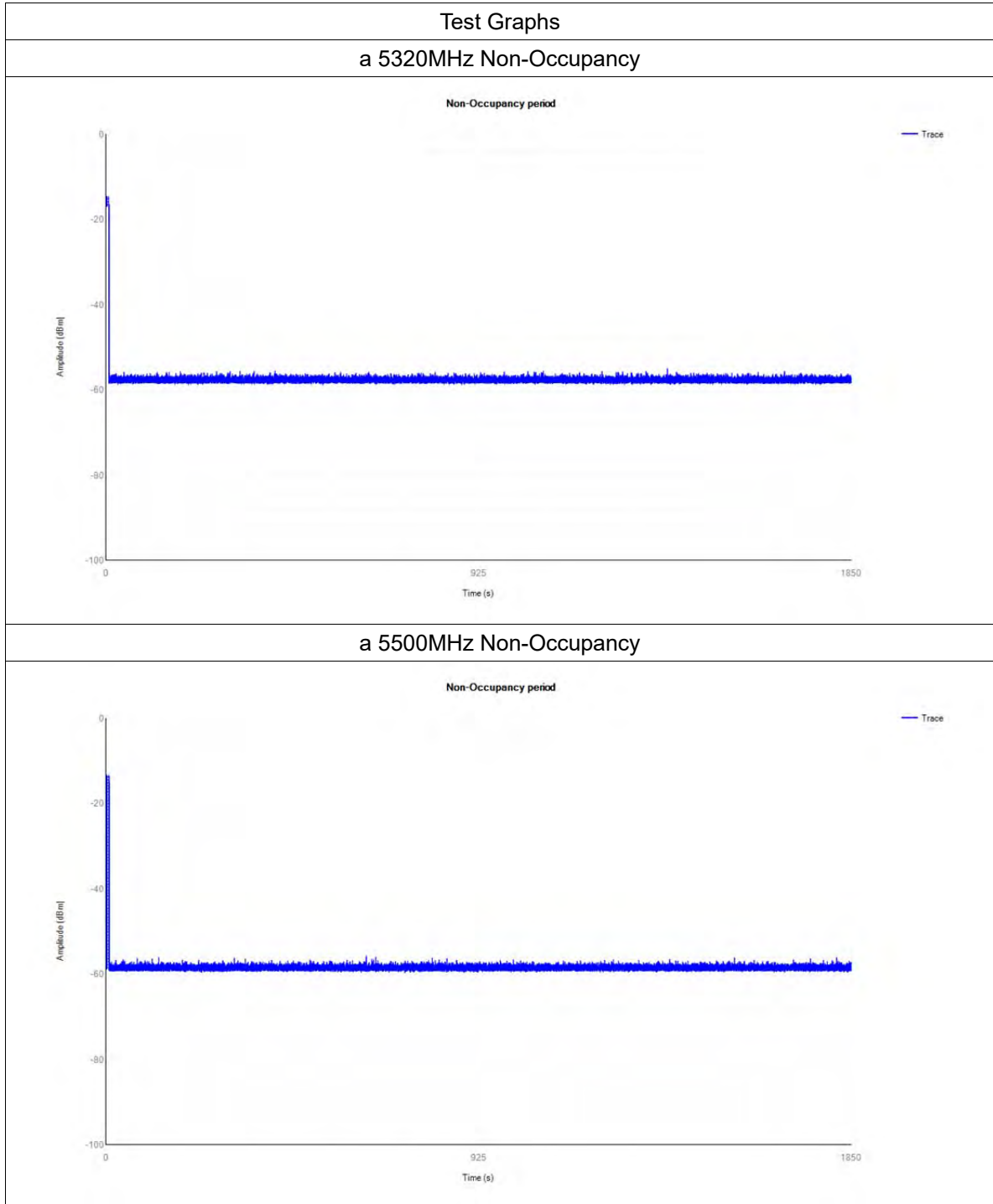


Note: The signal above the noise floor after the radar signal ends is the signal which leaked from other channels that have been moved following the Master device.



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

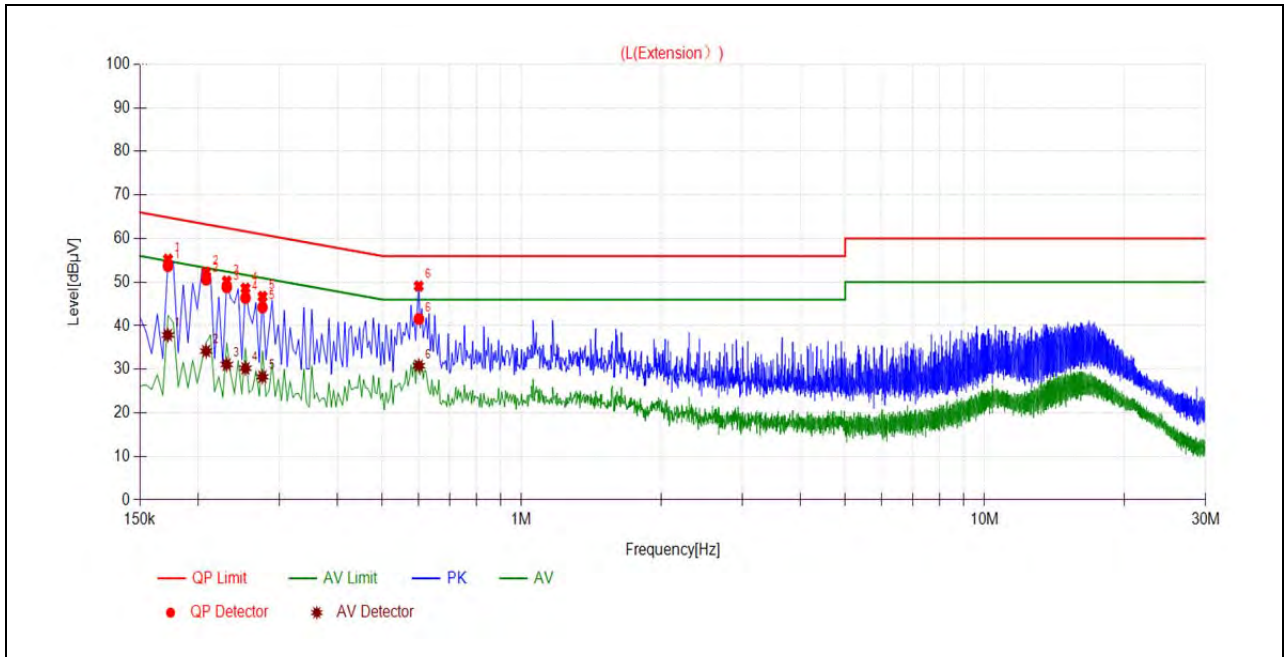
The measurement results are obtained as below:

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

U_R : Receiver Reading

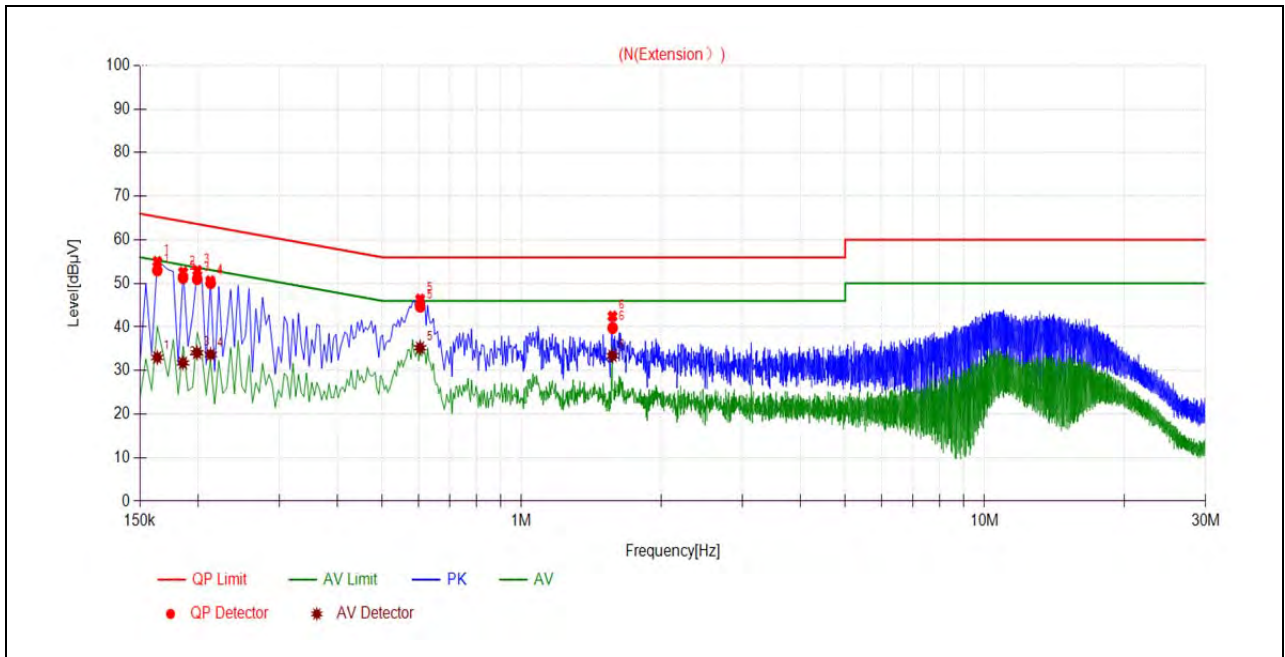
A_{Factor} : Voltage division factor of LISN

B. Test Plot:



(L Phase)

No.	Fre. (MHz)	Emission Level (dBµV)		Limit (dBµV)		Power-line	Verdict
		Quai-peak	Average	Quai-peak	Average		
1	0.1724	53.68	37.86	64.85	54.85	Line	PASS
2	0.2085	50.59	34.17	63.27	53.27		PASS
3	0.2309	48.81	31.08	62.42	52.42		PASS
4	0.2535	46.38	30.21	61.64	51.64		PASS
5	0.2758	44.21	28.27	60.94	50.94		PASS
6	0.6003	41.56	30.81	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	0.1635	52.98	33.01	65.28	55.28	Neutral	PASS
2	0.1858	51.26	31.76	64.22	54.22		PASS
3	0.1993	51.01	34.06	63.64	53.64		PASS
4	0.2132	50.08	33.66	63.08	53.08		PASS
5	0.6040	44.66	35.23	56.00	46.00		PASS
6	1.5727	39.76	33.38	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

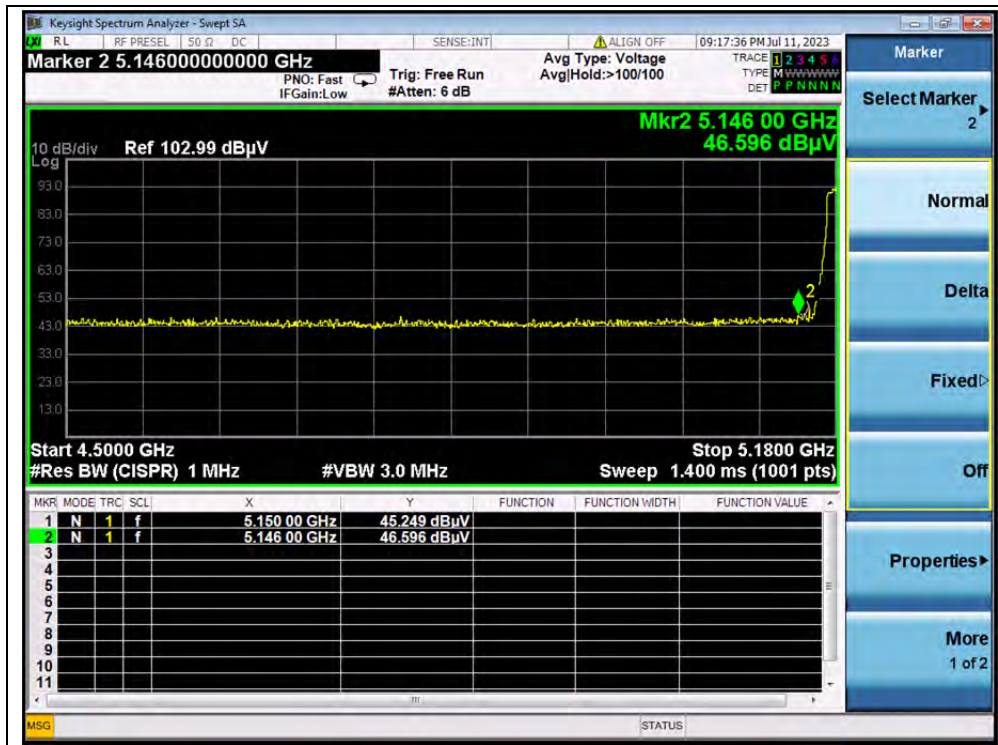
A_{Factor} : Antenna Factor at 3m

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.

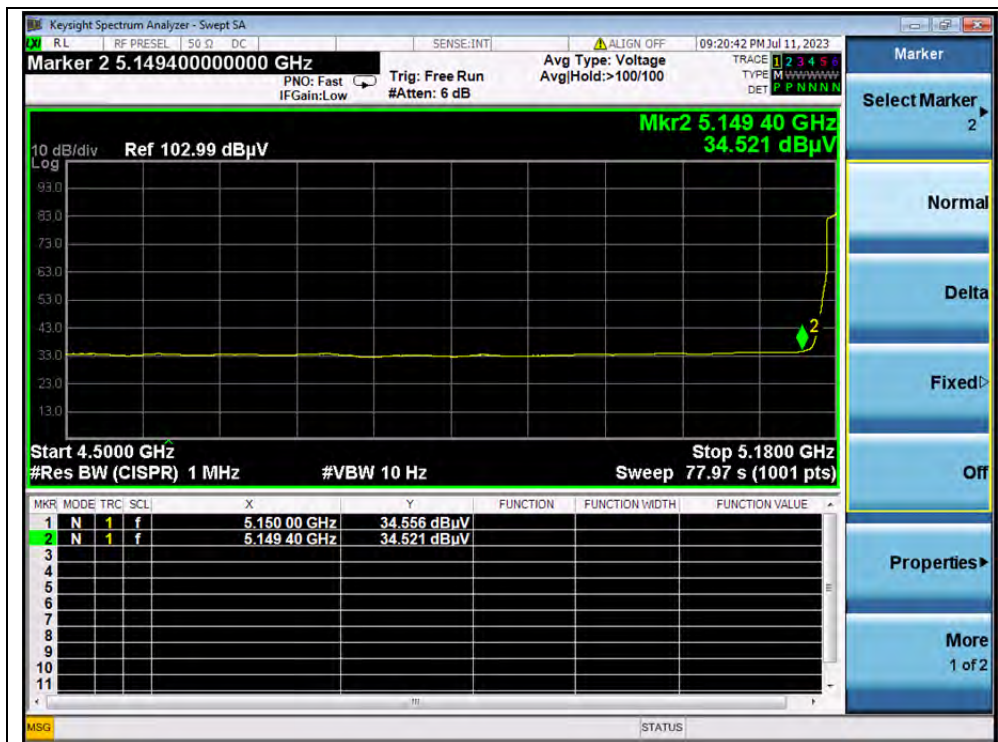
Note 2: All test modes and bandwidth were considered and evaluated respectively by performing full test, only the worst data were recorded for each bandwidth.

802.11a Mode

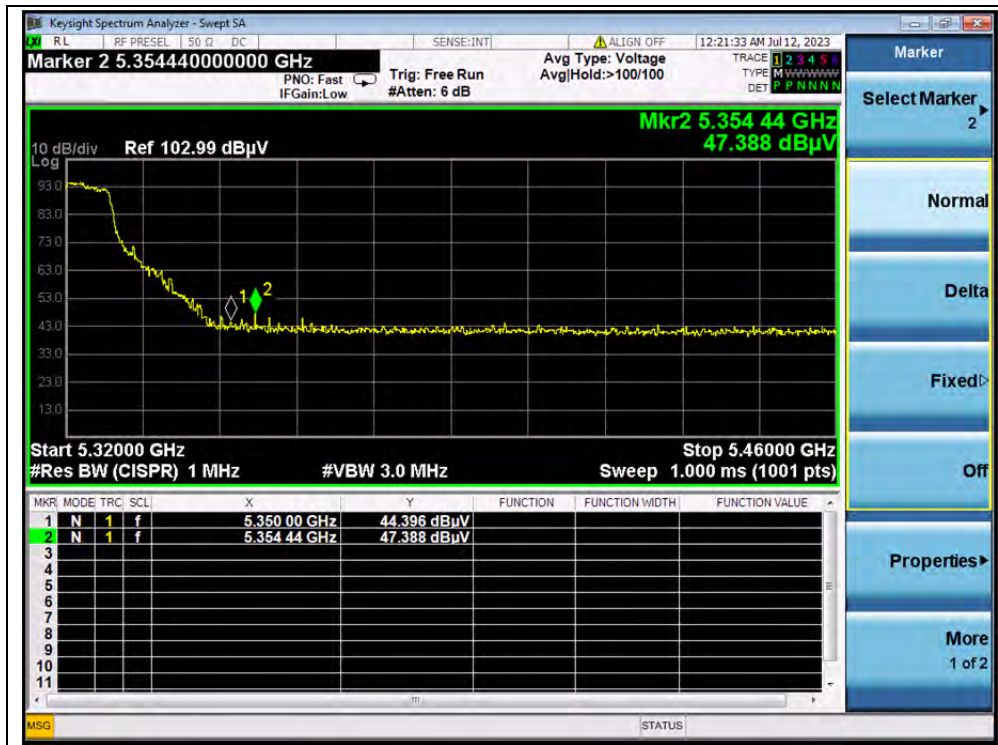
Channel	Frequency (MHz)	Detector	Receiver Reading	A_T (dB)	A_{Factor} (dB@3m)	Max. Emission E (dB μ V/m)	Limit (dB μ V/m)	Verdict
		PK/ AV	U_R (dB μ V)					
36	5146.00	PK	46.60	-19.54	32.20	59.26	74	PASS
36	5150.00	AV	34.56	-19.54	32.20	47.22	54	PASS
64	5354.44	PK	47.39	-18.80	32.20	60.79	74	PASS
64	5350.00	AV	34.24	-18.80	32.20	47.64	54	PASS
100	5466.00	PK	45.98	-19.20	32.20	58.98	68.23	PASS
100	5117.00	AV	34.07	-19.20	32.20	47.07	54	PASS
144	5757.00	PK	44.77	-19.20	32.20	57.77	68.23	PASS
149	5725.00	PK	48.55	-19.01	32.20	61.74	122.23	PASS
165	5855.00	PK	43.66	-19.01	32.20	56.85	110.83	PASS



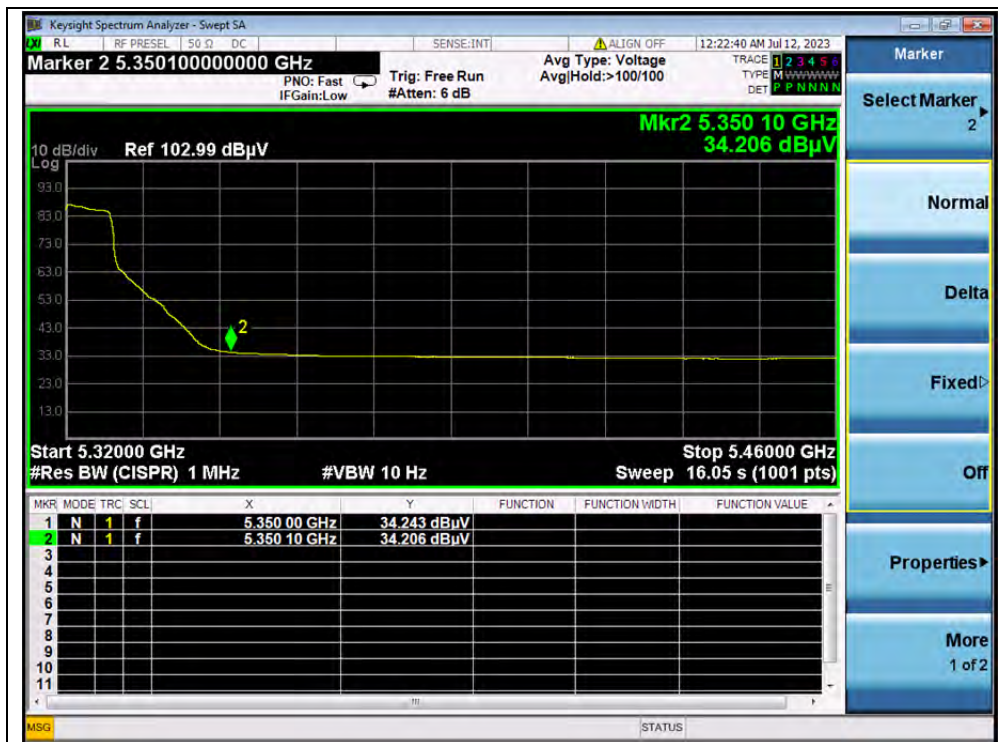
(PEAK, Channel 36, 802.11a)



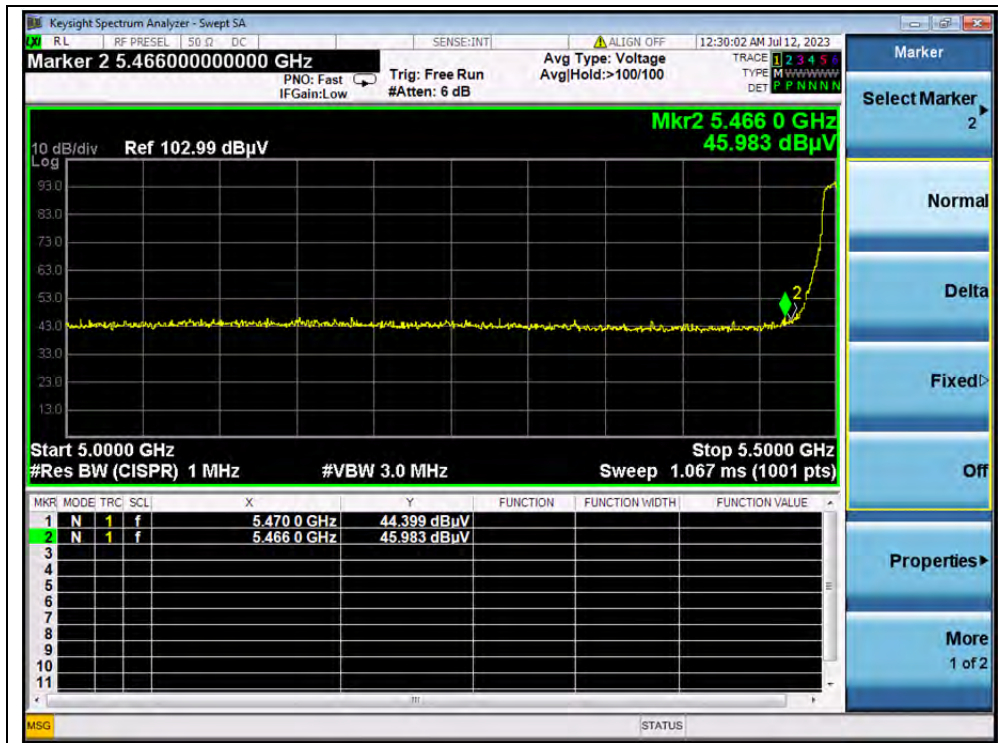
(AVERAGE, Channel 36, 802.11a)



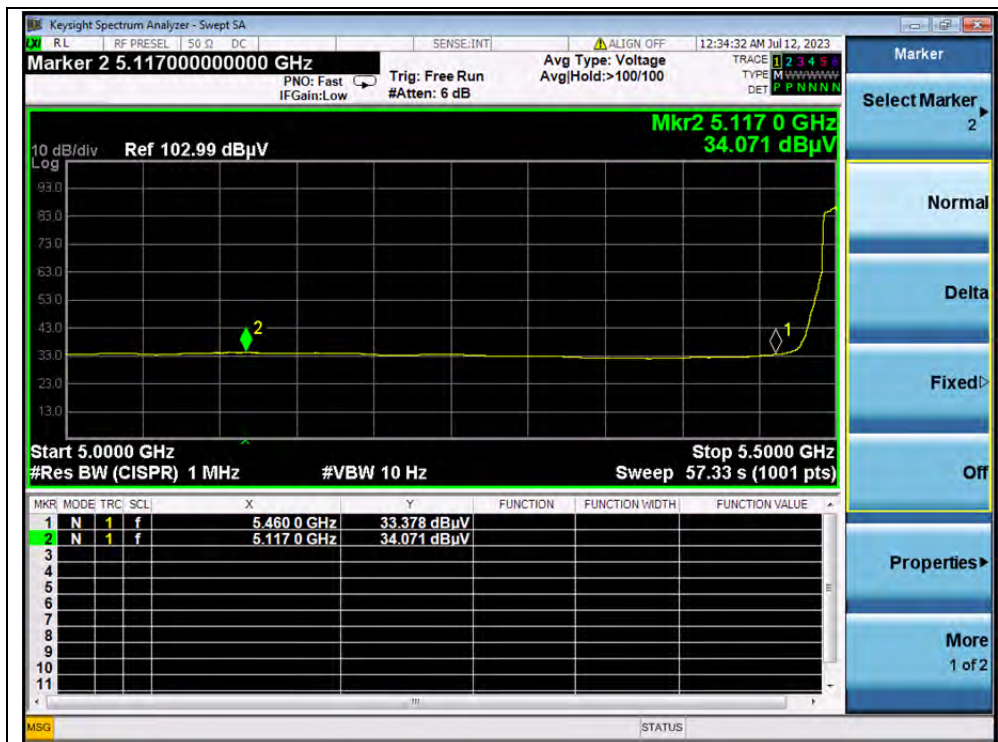
(PEAK, Channel 64, 802.11a)



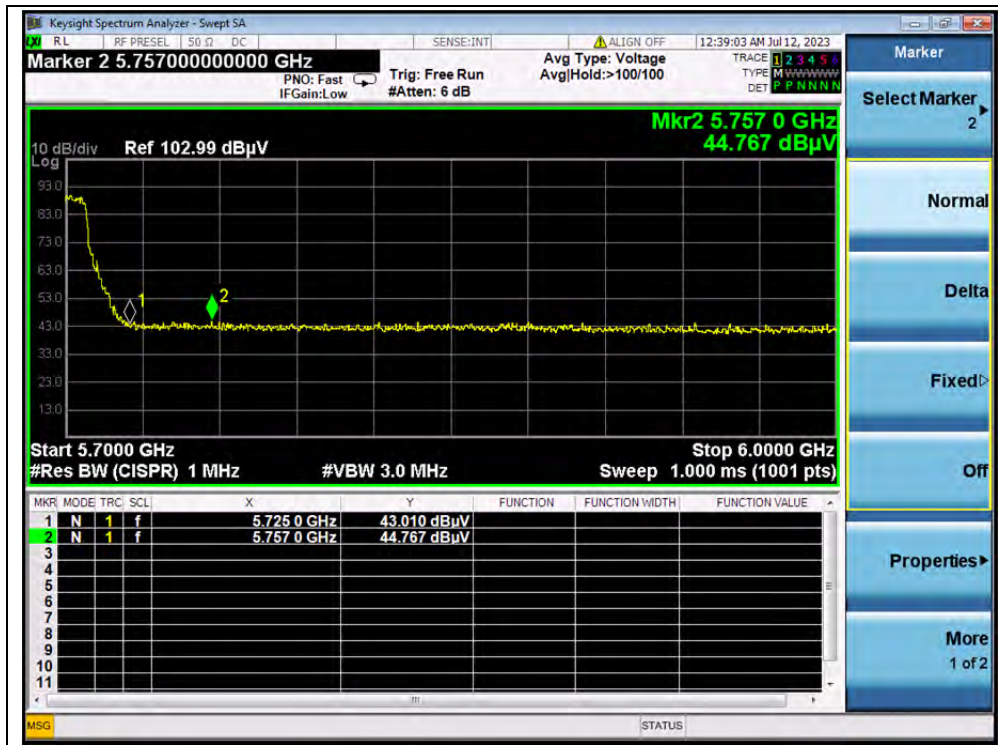
(AVERAGE, Channel 64, 802.11a)



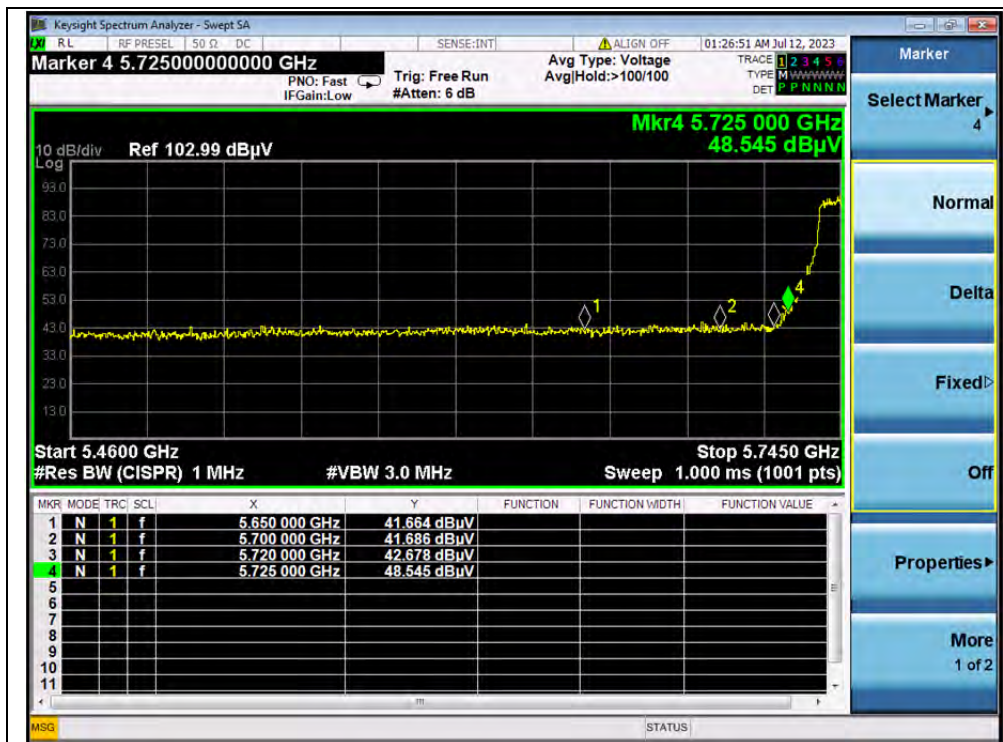
(PEAK, Channel 100, 802.11a)



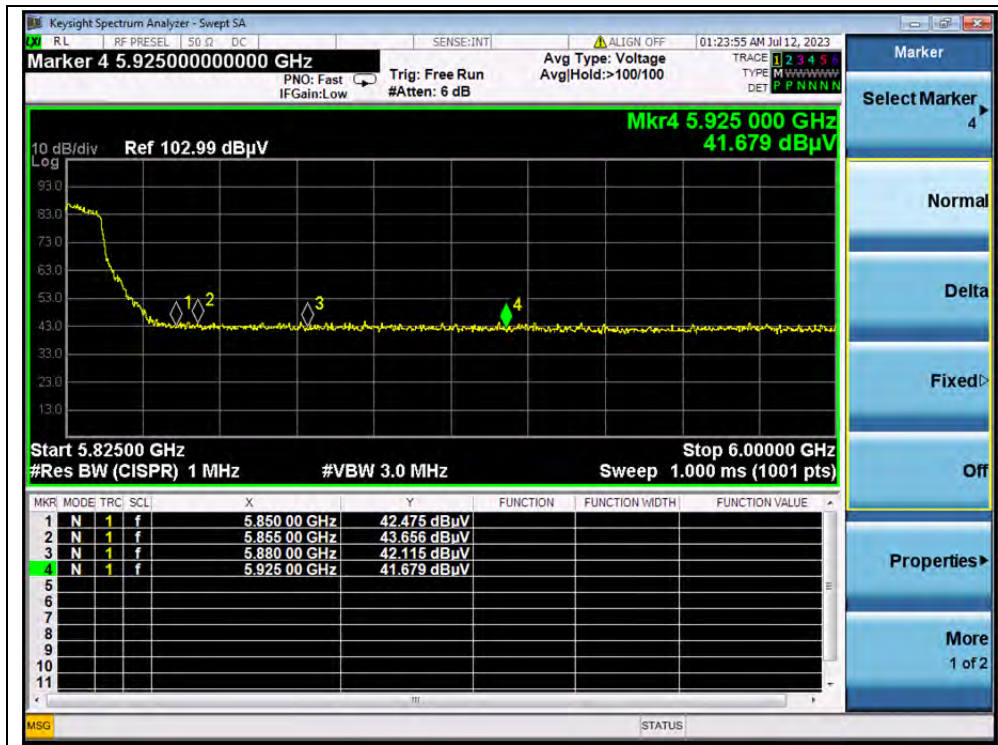
(AVERAGE, Channel 100, 802.11a)



(PEAK, Channel 144, 802.11a)



(PEAK, Channel 149, 802.11a)

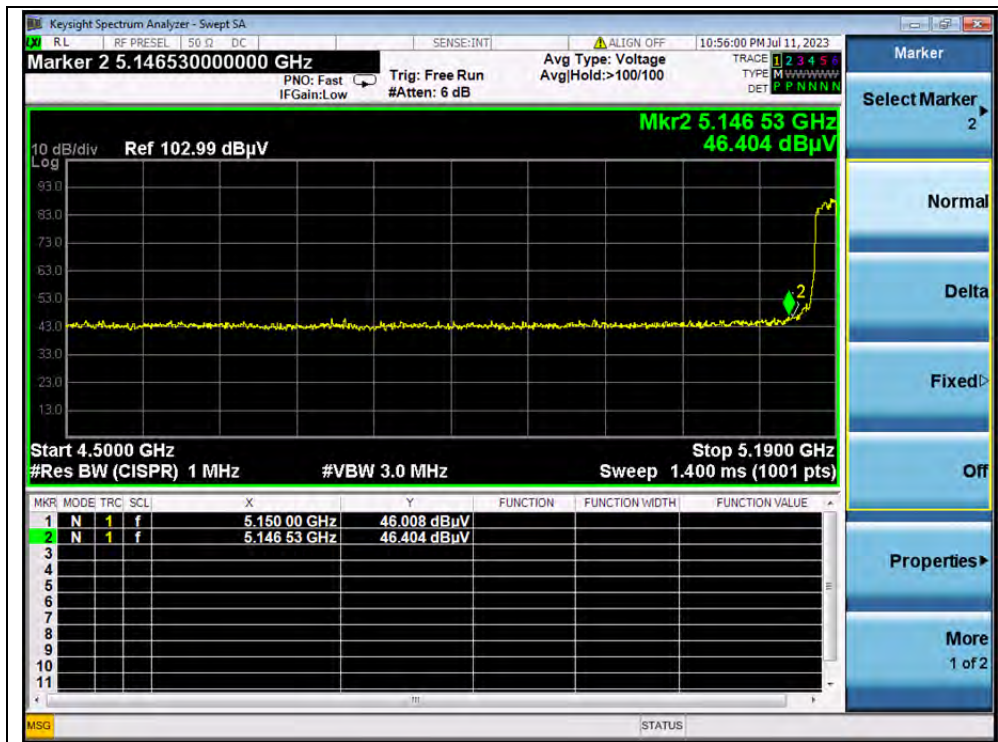


(PEAK, Channel 165, 802.11a)

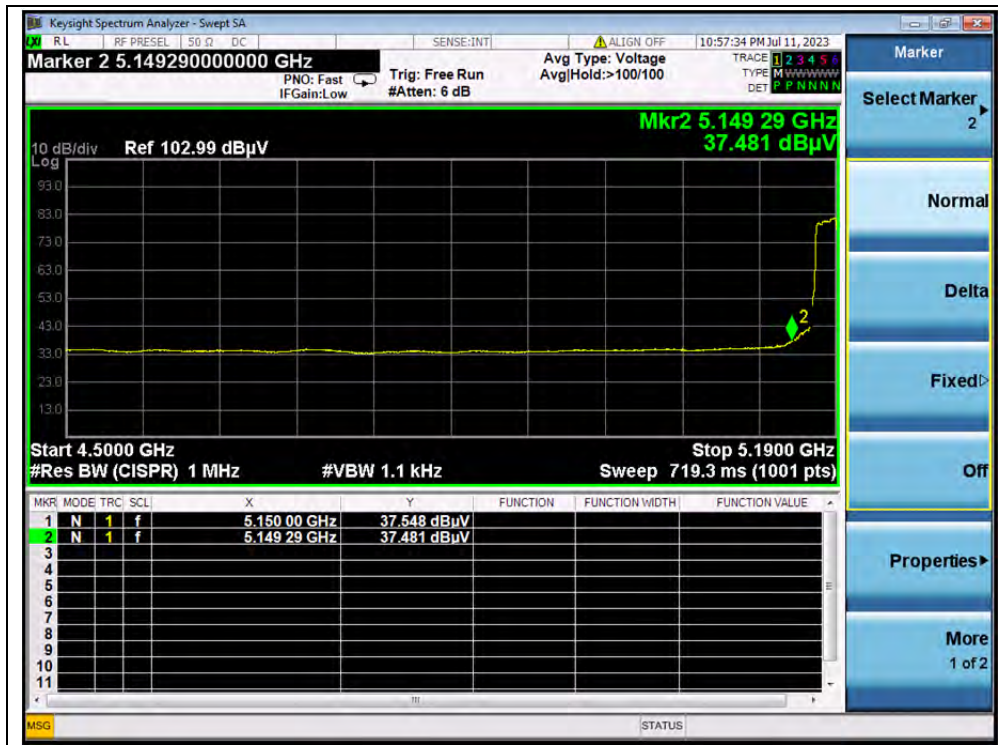


802.11n (HT40) Mode

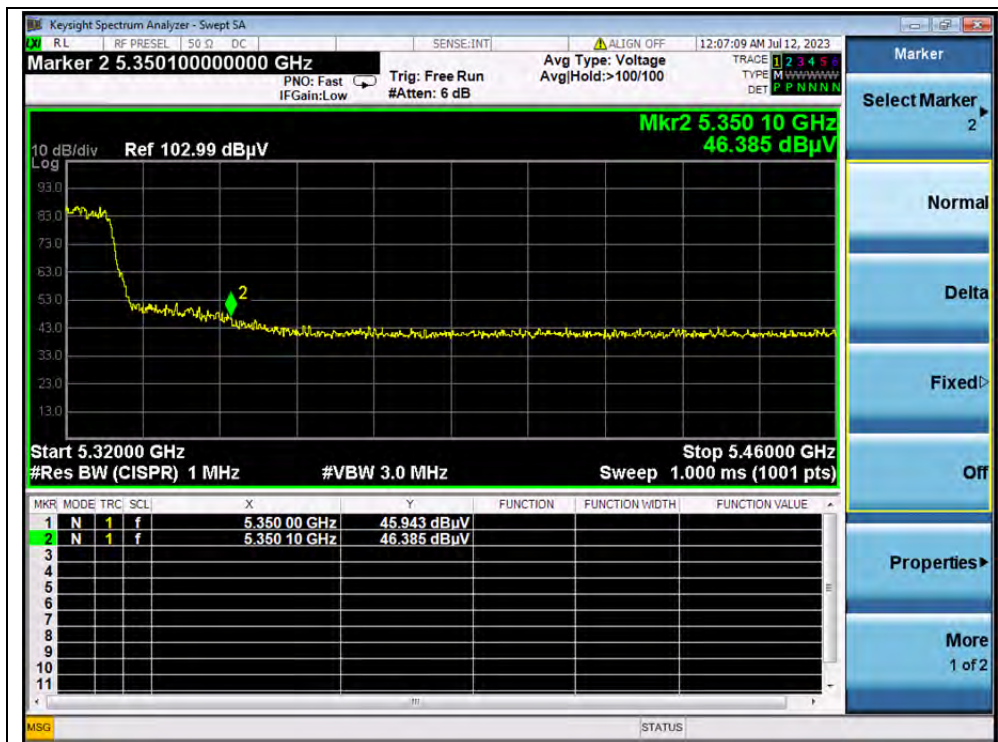
Channel	Frequency (MHz)	Detector	Receiver Reading	A_T	A_{Factor}	Max. Emission	Limit (dB μ V/m)	Verdict
		PK/ AV	U_R (dB μ V)	(dB)	(dB@3m)	E (dB μ V/m)		
38	5146.53	PK	46.40	-19.54	32.20	59.06	74	PASS
38	5150.00	AV	37.55	-19.54	32.20	50.21	54	PASS
62	5350.10	PK	46.39	-18.80	32.20	59.79	74	PASS
62	5350.24	AV	37.71	-18.80	32.20	51.11	54	PASS
102	5470.00	PK	48.41	-19.20	32.20	61.41	68.23	PASS
102	5459.68	AV	36.55	-19.20	32.20	49.55	54	PASS
142	5744.58	PK	45.52	-19.20	32.20	58.52	68.23	PASS
151	5725.00	PK	50.51	-19.01	32.20	63.70	122.23	PASS
159	5850.00	PK	42.90	-19.01	32.20	56.09	122.23	PASS



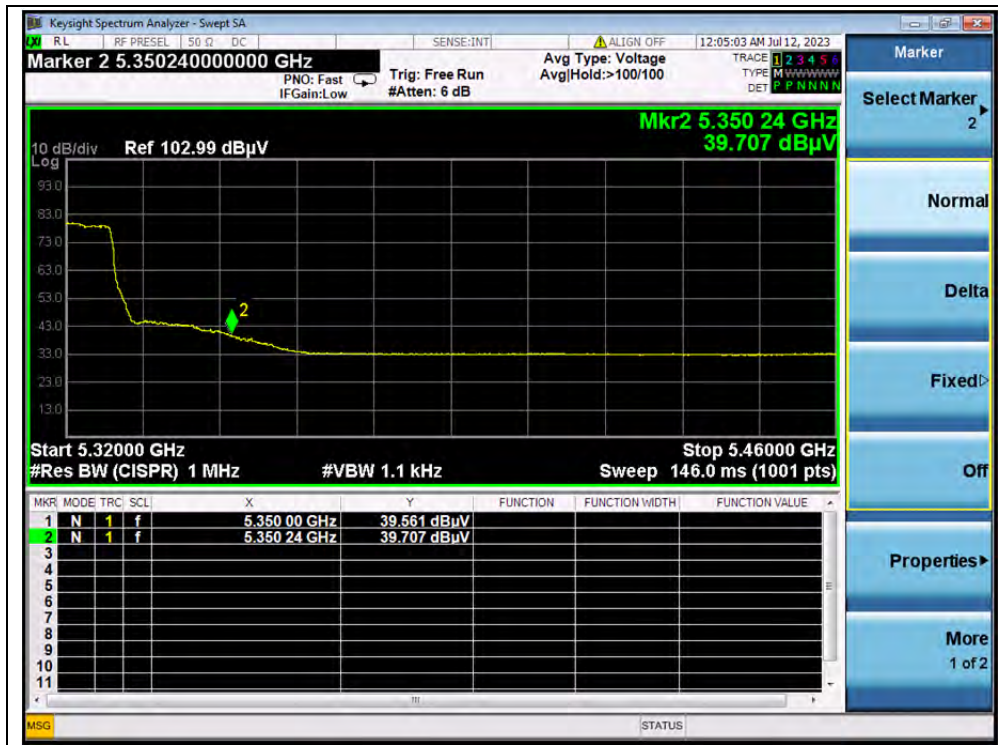
(PEAK, Channel 38, 802.11n (HT40))



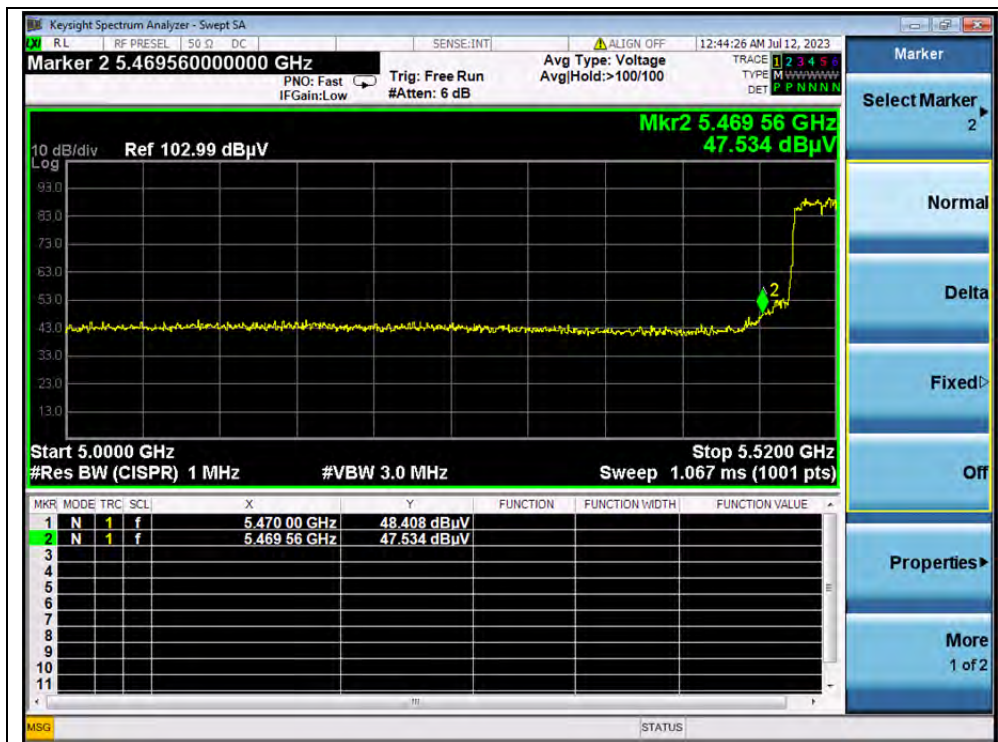
(AVERAGE, Channel 38, 802.11n (HT40))



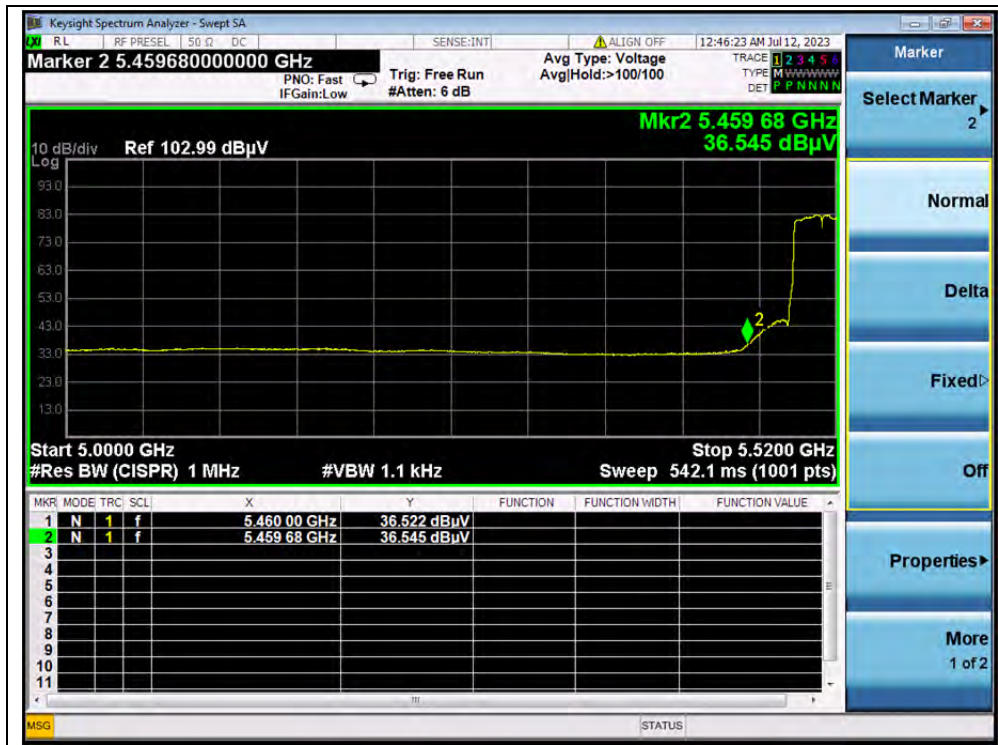
(PEAK, Channel 62, 802.11n (HT40))



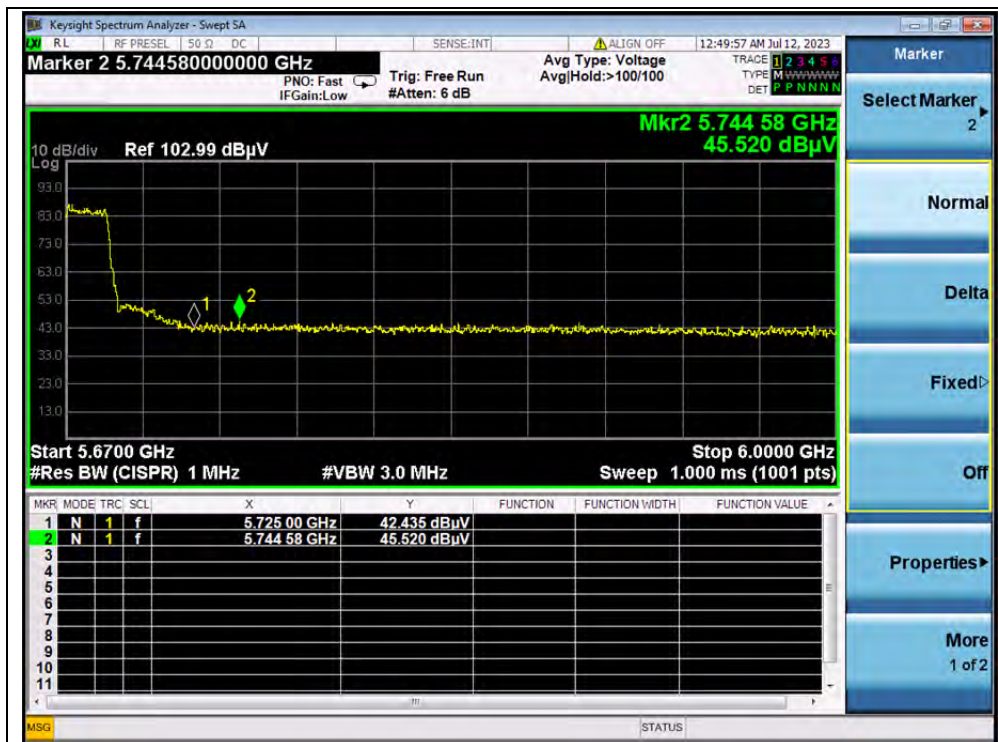
(AVERAGE, Channel 62, 802.11n (HT40))



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



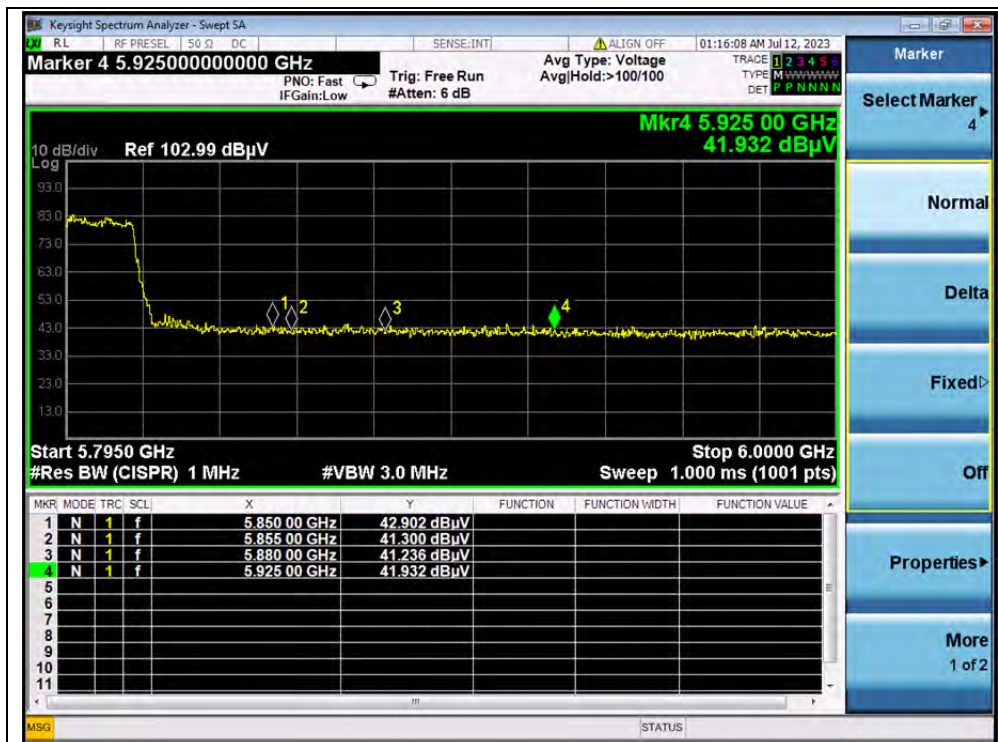
(AVERAGE, Channel 102, 802.11n (HT40))



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



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

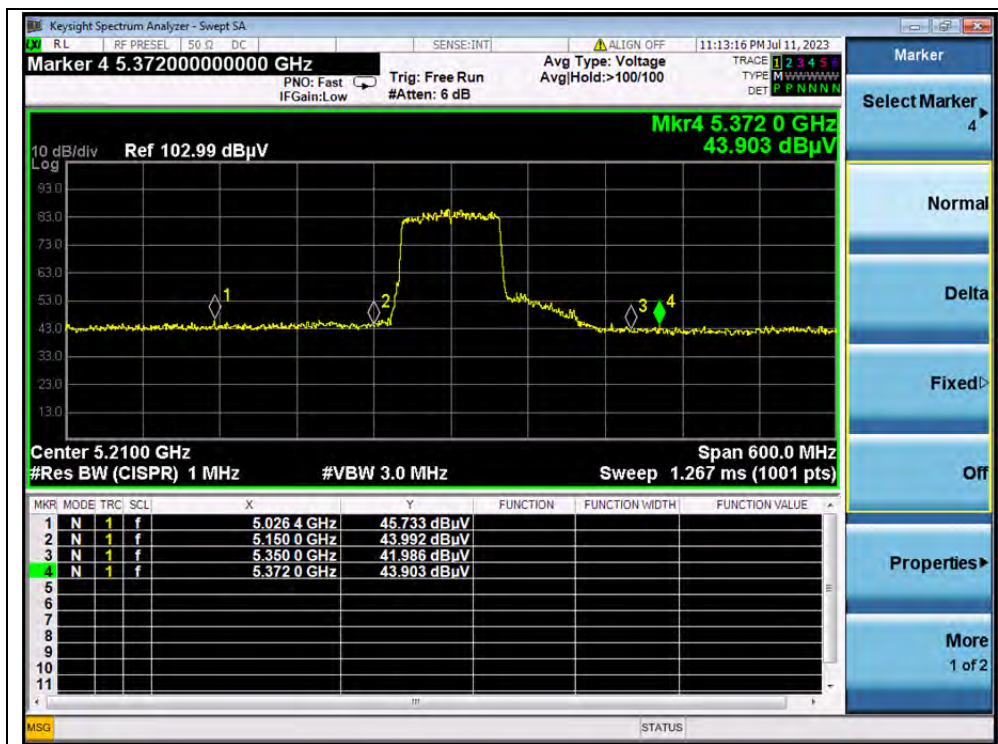


(PEAK, Channel 159, 802.11n (HT40))

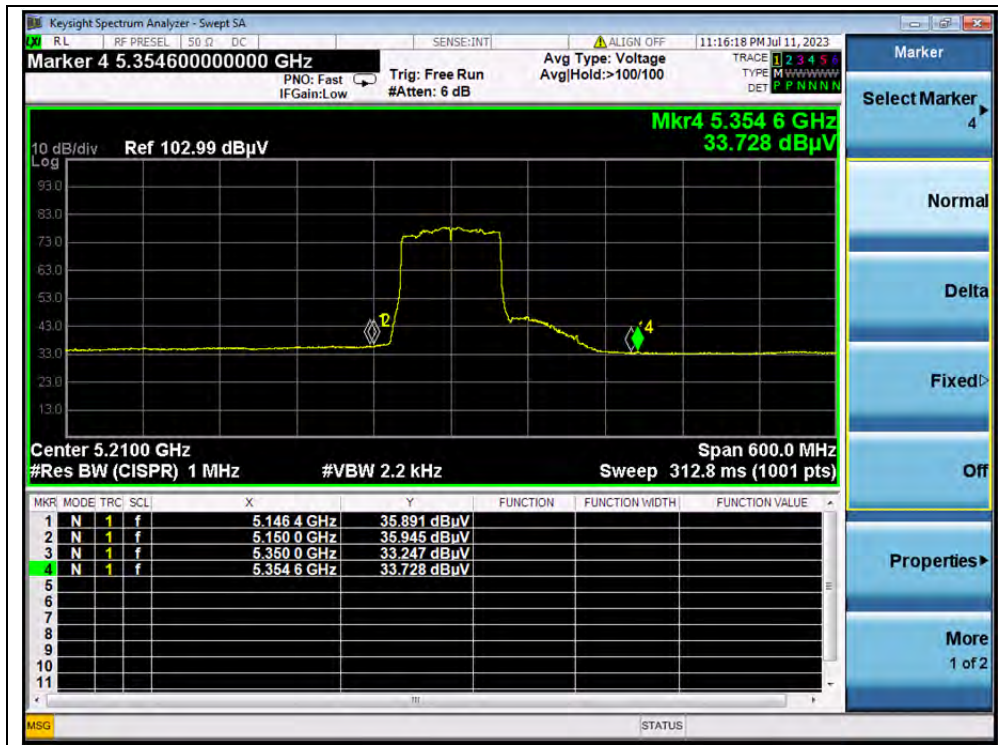


802.11ac (VHT80) Mode

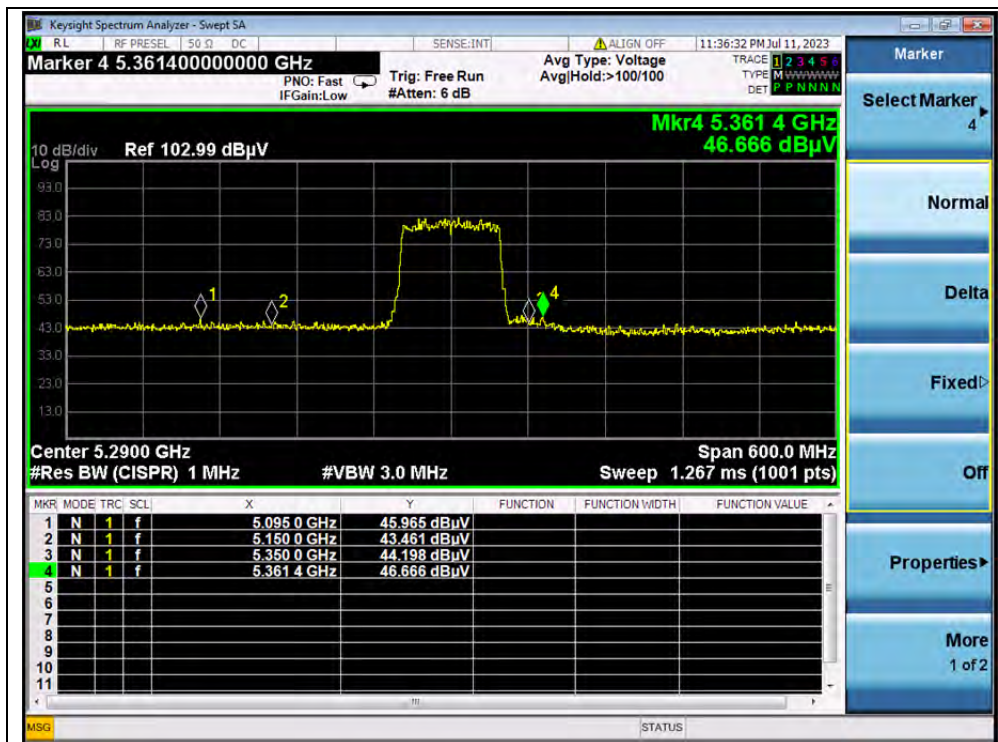
Channel	Frequency (MHz)	Detector	Receiver Reading U_R (dB μ V)	A_T (dB)	A_{Factor} (dB@3m)	Max. Emission E (dB μ V/m)	Limit (dB μ V/m)	Verdict
		PK/ AV						
42	5026.40	PK	45.73	-19.54	32.20	58.39	74	PASS
42	5150.00	AV	35.95	-19.54	32.20	48.61	54	PASS
58	5361.40	PK	46.67	-18.80	32.20	60.07	74	PASS
58	5350.00	AV	39.29	-18.80	32.20	52.69	54	PASS
106	5464.81	PK	49.61	-19.20	32.20	62.61	68.23	PASS
106	5458.45	AV	40.26	-19.20	32.20	53.26	54	PASS
138	5806.17	PK	45.27	-19.20	32.20	58.27	68.23	PASS
155	5720.00	PK	47.97	-19.01	32.20	61.16	110.83	PASS
155	5850.00	PK	43.38	-19.01	32.20	56.57	122.23	PASS



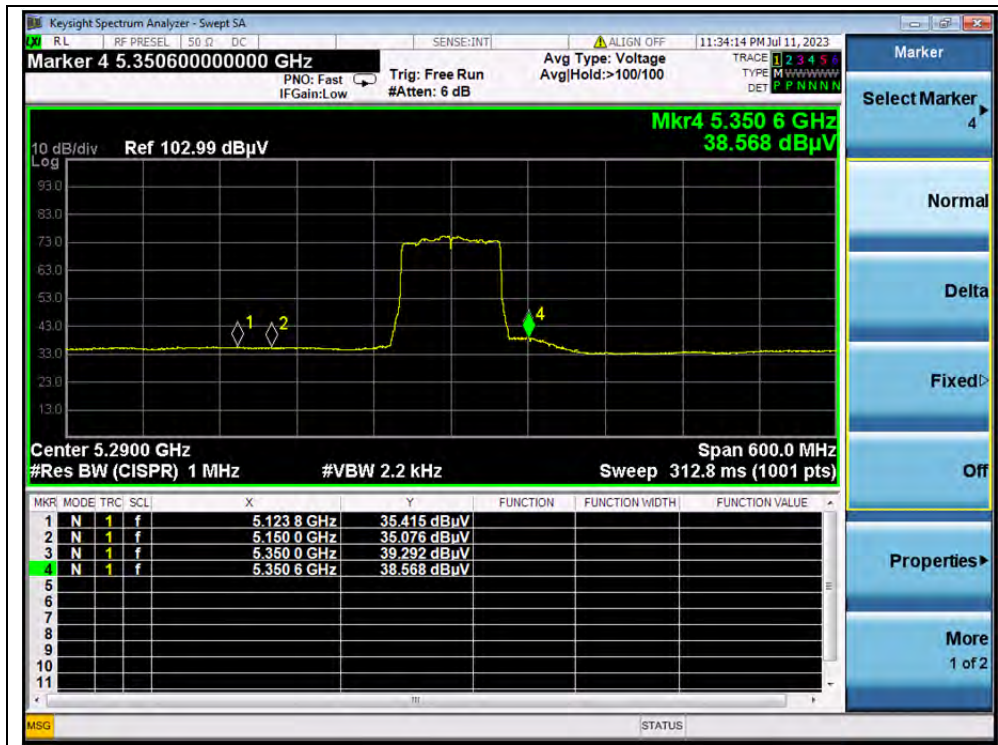
(PEAK, Channel 42, 802.11ac (VHT80))



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



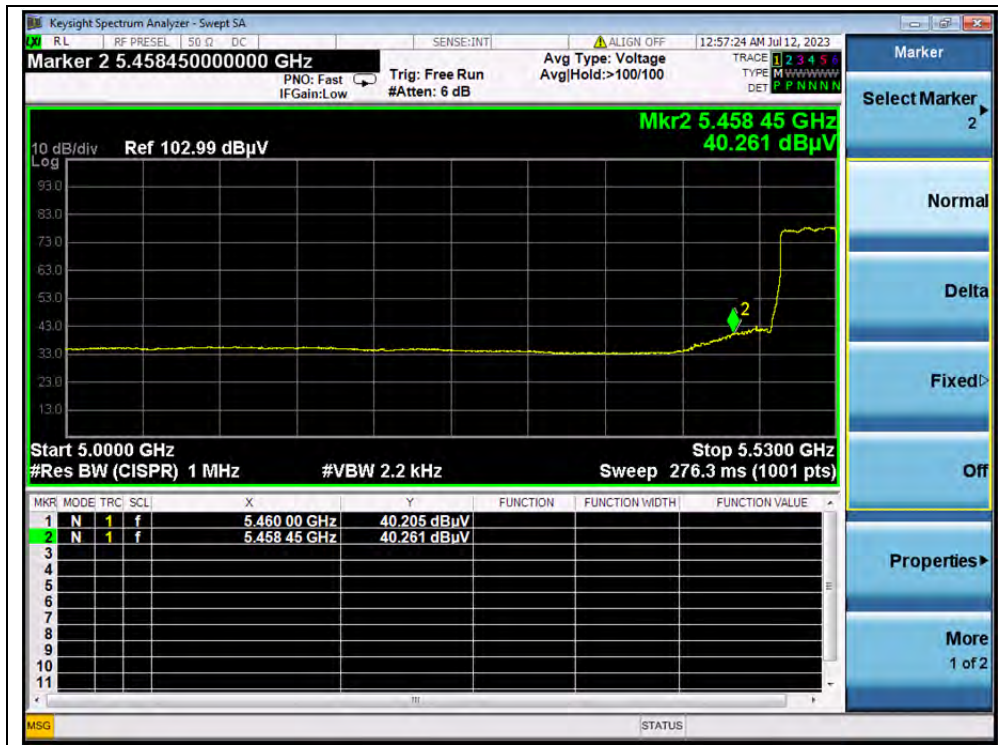
(PEAK, Channel 58, 802.11ac (VHT80))



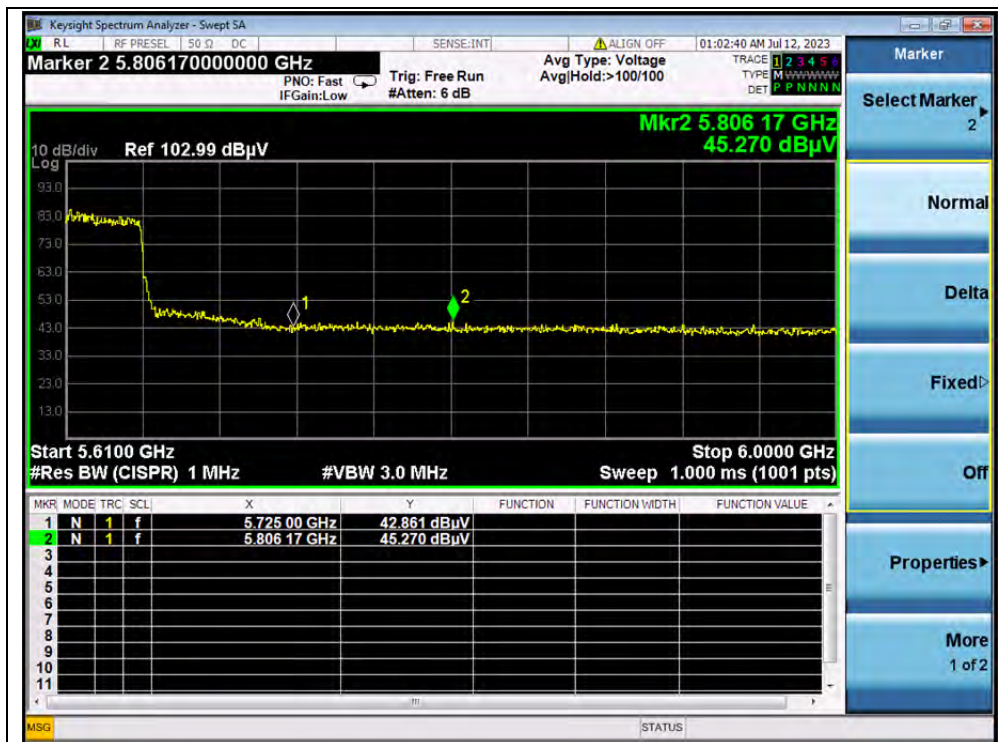
(AVERAGE, Channel 58, 802.11ac (VHT80))



(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.

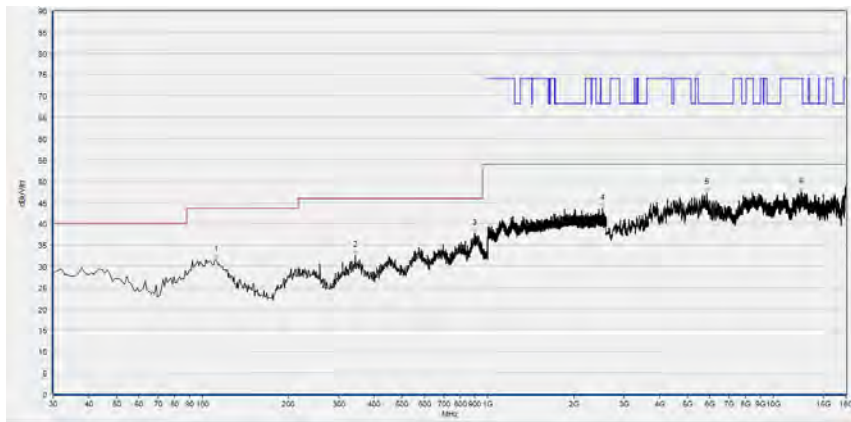
Note3: For the frequency, which started from 18GHz to 10th harmonic of the highest frequency, was pre-scanned and the result which was 20dB lower than the limit was not recorded.

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.



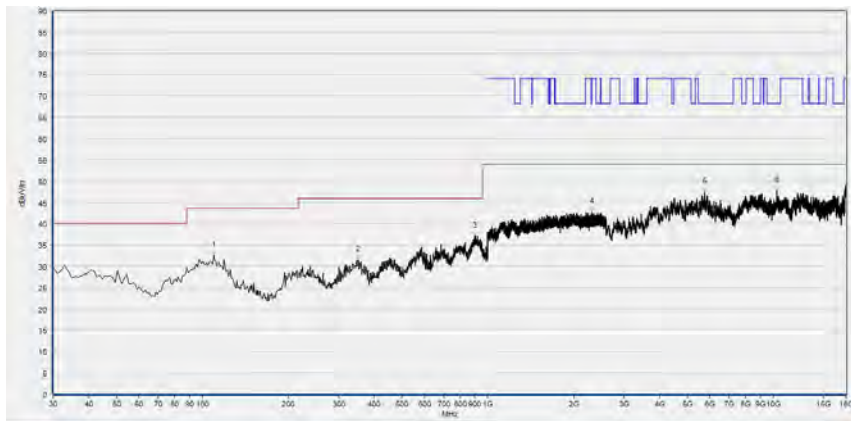
802.11a Mode

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
111.480	31.54	N/A	N/A	N/A	43.50	N/A	Horizontal	PASS
344.280	32.59	N/A	N/A	N/A	46.00	N/A	Horizontal	PASS
899.120	37.66	N/A	N/A	N/A	46.00	N/A	Horizontal	PASS
2518.933	43.58	N/A	N/A	68.23	N/A	N/A	Horizontal	PASS
5849.400	47.18	N/A	N/A	68.23	N/A	N/A	Horizontal	PASS
12514.520	47.41	N/A	N/A	74.00	N/A	54.00	Horizontal	PASS

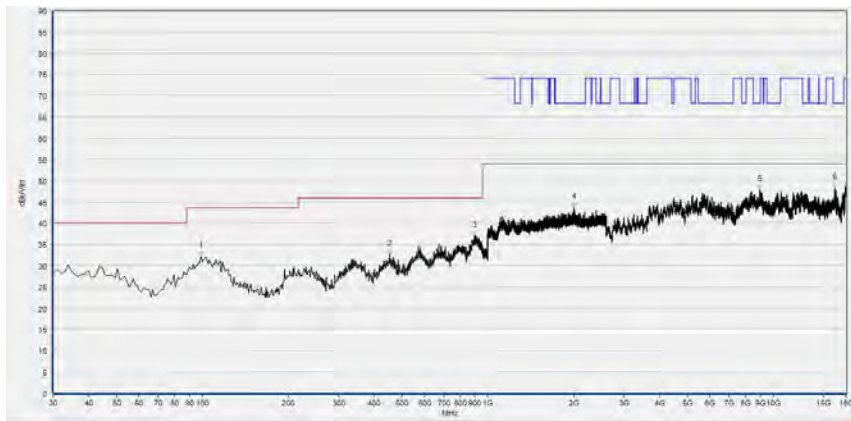
(Antenna Horizontal, 30MHz to 18GHz)



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
109.540	32.54	N/A	N/A	N/A	43.50	N/A	Vertical	PASS
352.040	31.49	N/A	N/A	N/A	46.00	N/A	Vertical	PASS
901.060	37.10	N/A	N/A	N/A	46.00	N/A	Vertical	PASS
2310.400	42.70	N/A	N/A	74.00	N/A	54.00	Vertical	PASS
5747.760	47.40	N/A	N/A	68.23	N/A	N/A	Vertical	PASS
10309.240	47.70	N/A	N/A	68.23	N/A	N/A	Vertical	PASS

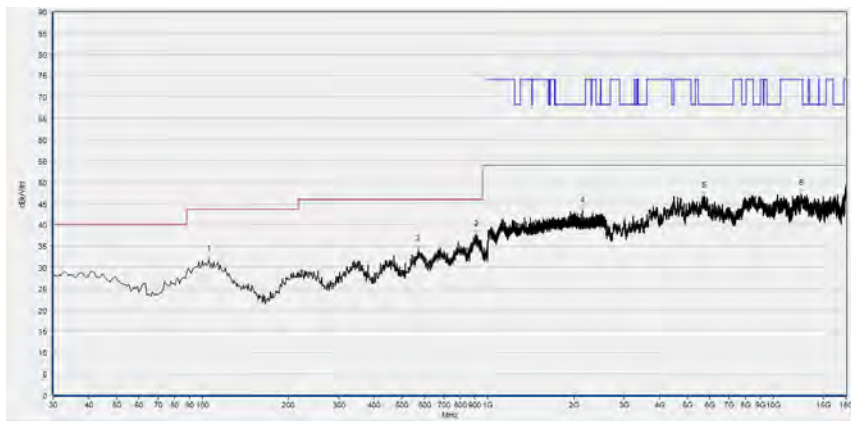
(Antenna Vertical, 30MHz to 18GHz)

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
98.870	32.20	N/A	N/A	N/A	43.50	N/A	Horizontal	PASS
453.890	32.63	N/A	N/A	N/A	46.00	N/A	Horizontal	PASS
899.120	37.02	N/A	N/A	N/A	46.00	N/A	Horizontal	PASS
1999.467	43.76	N/A	N/A	68.23	N/A	N/A	Horizontal	PASS
8941.720	48.01	N/A	N/A	68.23	N/A	N/A	Horizontal	PASS
16460.000	48.27	N/A	N/A	68.23	N/A	N/A	Horizontal	PASS

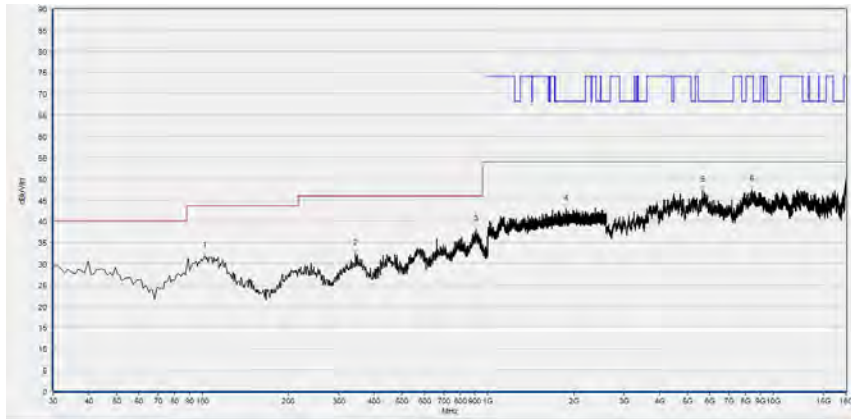
(Antenna Horizontal, 30MHz to 18GHz)



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	31.88	N/A	N/A	N/A	43.50	N/A	Vertical	PASS
571.260	34.12	N/A	N/A	N/A	46.00	N/A	Vertical	PASS
907.850	37.63	N/A	N/A	N/A	46.00	N/A	Vertical	PASS
2151.467	43.26	N/A	N/A	68.23	N/A	N/A	Vertical	PASS
5720.040	46.81	N/A	N/A	68.23	N/A	N/A	Vertical	PASS
12517.600	47.31	N/A	N/A	74.00	N/A	54.00	Vertical	PASS

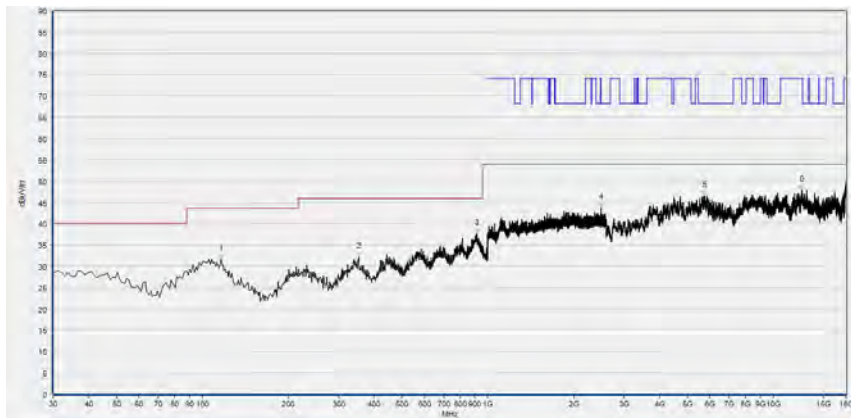
(Antenna Vertical, 30MHz to 18GHz)

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
101.780	31.82	N/A	N/A	N/A	43.50	N/A	Horizontal	PASS
344.280	32.29	N/A	N/A	N/A	46.00	N/A	Horizontal	PASS
908.820	37.99	N/A	N/A	N/A	46.00	N/A	Horizontal	PASS
1880.000	42.88	N/A	N/A	68.23	N/A	N/A	Horizontal	PASS
5652.280	47.25	N/A	N/A	68.23	N/A	N/A	Horizontal	PASS
8427.360	47.43	N/A	N/A	74.00	N/A	54.00	Horizontal	PASS

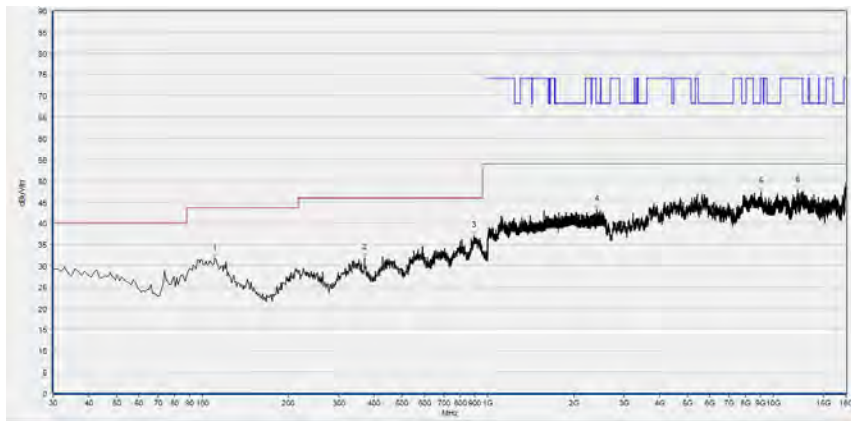
(Antenna Horizontal, 30MHz to 18GHz)



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
116.330	31.63	N/A	N/A	N/A	43.50	N/A	Vertical	PASS
353.010	32.16	N/A	N/A	N/A	46.00	N/A	Vertical	PASS
915.610	37.66	N/A	N/A	N/A	46.00	N/A	Vertical	PASS
2490.133	43.79	N/A	N/A	74.00	N/A	54.00	Vertical	PASS
5753.920	46.63	N/A	N/A	68.23	N/A	N/A	Vertical	PASS
12591.520	47.93	N/A	N/A	74.00	N/A	54.00	Vertical	PASS

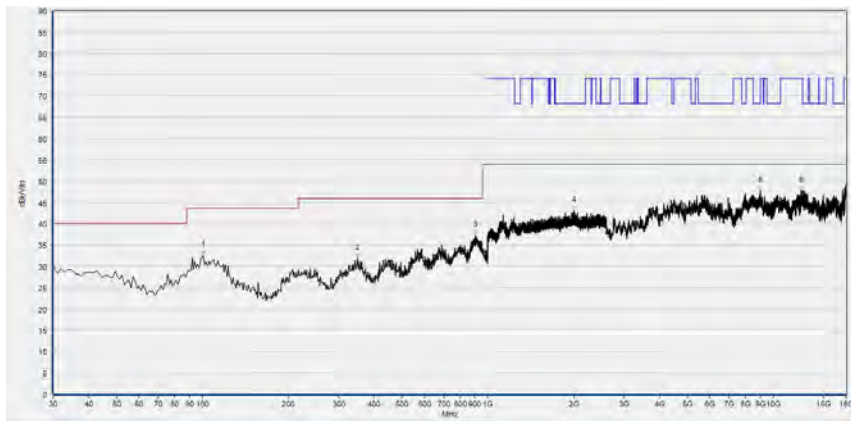
(Antenna Vertical, 30MHz to 18GHz)

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
110.510	31.76	N/A	N/A	N/A	43.50	N/A	Horizontal	PASS
369.500	31.78	N/A	N/A	N/A	46.00	N/A	Horizontal	PASS
895.240	37.02	N/A	N/A	N/A	46.00	N/A	Horizontal	PASS
2412.267	43.28	N/A	N/A	68.23	N/A	N/A	Horizontal	PASS
9058.760	47.38	N/A	N/A	74.00	N/A	54.00	Horizontal	PASS
12191.120	47.72	N/A	N/A	74.00	N/A	54.00	Horizontal	PASS

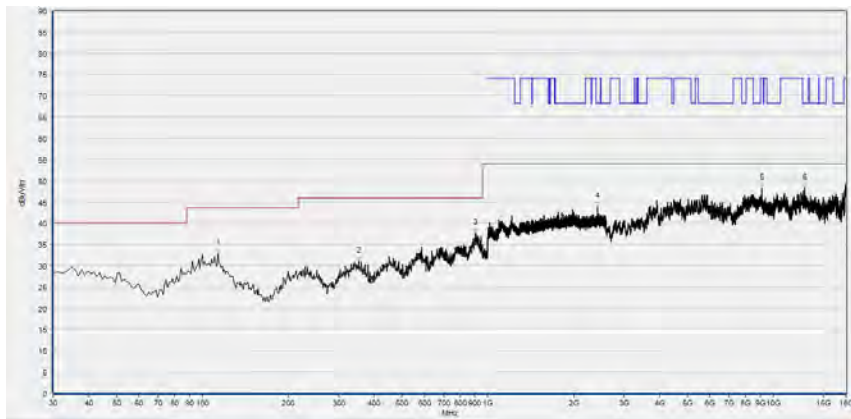
(Antenna Horizontal, 30MHz to 18GHz)



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
100.810	32.51	N/A	N/A	N/A	43.50	N/A	Vertical	PASS
349.130	31.79	N/A	N/A	N/A	46.00	N/A	Vertical	PASS
902.030	37.16	N/A	N/A	N/A	46.00	N/A	Vertical	PASS
2005.333	42.99	N/A	N/A	68.23	N/A	N/A	Vertical	PASS
8994.080	47.72	N/A	N/A	68.23	N/A	N/A	Vertical	PASS
12551.480	47.72	N/A	N/A	74.00	N/A	54.00	Vertical	PASS

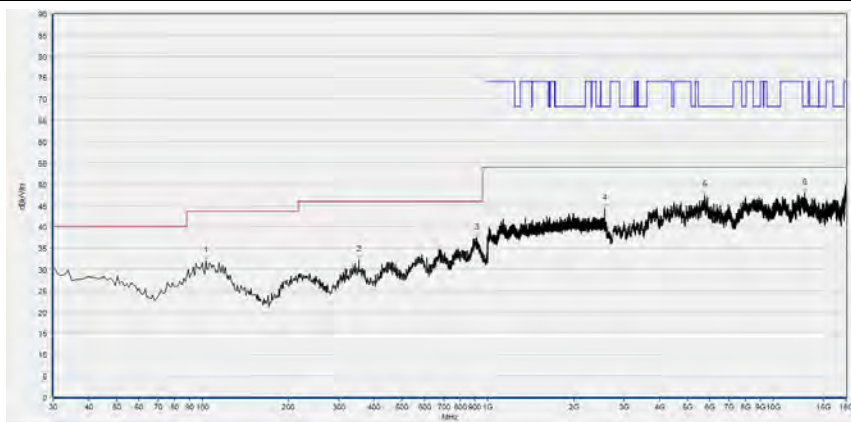
(Antenna Vertical, 30MHz to 18GHz)

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
113.420	32.83	N/A	N/A	N/A	43.50	N/A	Horizontal	PASS
353.010	31.01	N/A	N/A	N/A	46.00	N/A	Horizontal	PASS
904.940	37.75	N/A	N/A	N/A	46.00	N/A	Horizontal	PASS
2422.933	43.88	N/A	N/A	68.23	N/A	N/A	Horizontal	PASS
9120.360	48.24	N/A	N/A	74.00	N/A	54.00	Horizontal	PASS
12877.960	48.29	N/A	N/A	68.23	N/A	N/A	Horizontal	PASS

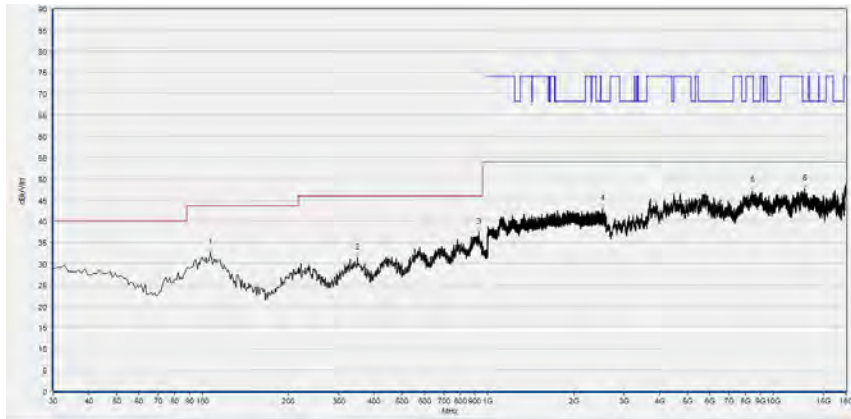
(Antenna Horizontal, 30MHz to 18GHz)



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	31.96	N/A	N/A	N/A	43.50	N/A	Vertical	PASS
353.010	32.20	N/A	N/A	N/A	46.00	N/A	Vertical	PASS
915.610	37.29	N/A	N/A	N/A	46.00	N/A	Vertical	PASS
2564.800	44.16	N/A	N/A	68.23	N/A	N/A	Vertical	PASS
5744.680	47.46	N/A	N/A	68.23	N/A	N/A	Vertical	PASS
12908.760	47.90	N/A	N/A	68.23	N/A	N/A	Vertical	PASS

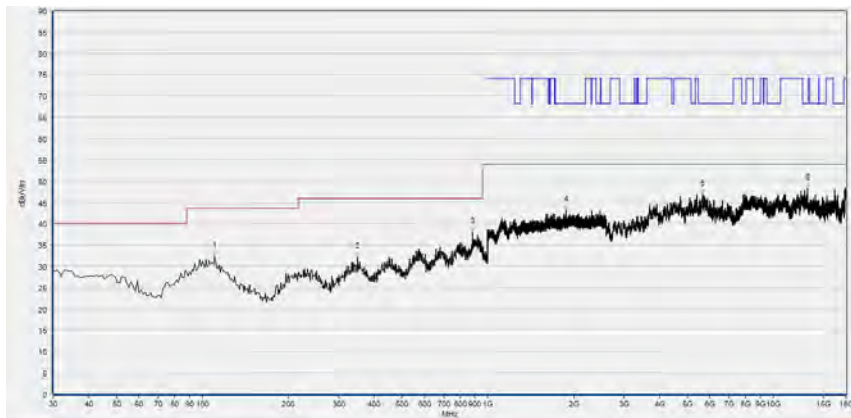
(Antenna Vertical, 30MHz to 18GHz)

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
106.630	32.60	N/A	N/A	N/A	43.50	N/A	Horizontal	PASS
349.130	31.27	N/A	N/A	N/A	46.00	N/A	Horizontal	PASS
929.190	37.41	N/A	N/A	N/A	46.00	N/A	Horizontal	PASS
2526.933	42.88	N/A	N/A	68.23	N/A	N/A	Horizontal	PASS
8439.680	47.10	N/A	N/A	74.00	N/A	54.00	Horizontal	PASS
12881.040	47.67	N/A	N/A	68.23	N/A	N/A	Horizontal	PASS

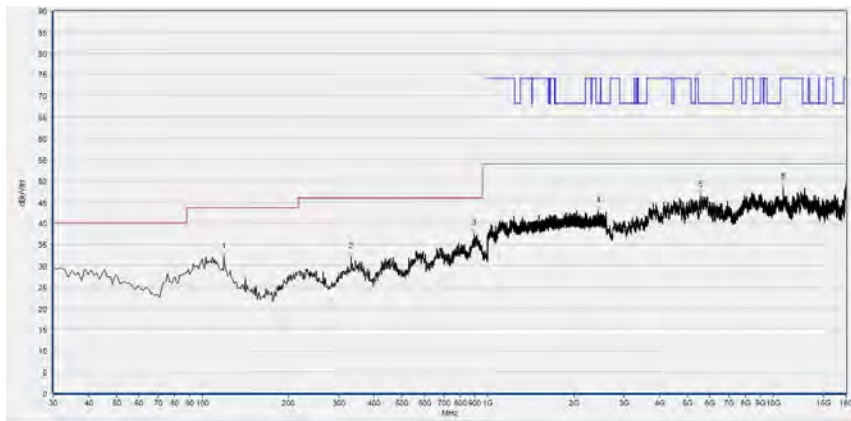
(Antenna Horizontal, 30MHz to 18GHz)



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
110.510	32.40	N/A	N/A	N/A	43.50	N/A	Vertical	PASS
350.100	32.22	N/A	N/A	N/A	46.00	N/A	Vertical	PASS
882.630	37.97	N/A	N/A	N/A	46.00	N/A	Vertical	PASS
1875.200	43.20	N/A	N/A	68.23	N/A	N/A	Vertical	PASS
5643.040	46.91	N/A	N/A	68.23	N/A	N/A	Vertical	PASS
13176.720	48.24	N/A	N/A	68.23	N/A	N/A	Vertical	PASS

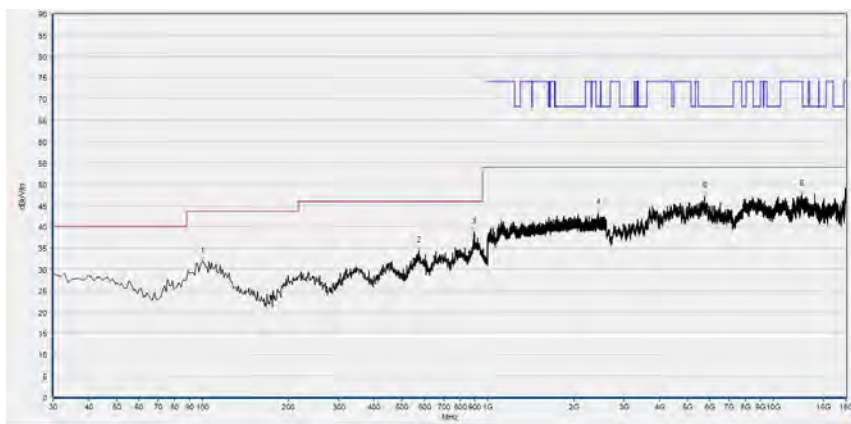
(Antenna Vertical, 30MHz to 18GHz)

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
119.240	32.04	N/A	N/A	N/A	43.50	N/A	Horizontal	PASS
332.640	32.08	N/A	N/A	N/A	46.00	N/A	Horizontal	PASS
896.210	37.49	N/A	N/A	N/A	46.00	N/A	Horizontal	PASS
2440.000	42.90	N/A	N/A	68.23	N/A	N/A	Horizontal	PASS
5556.800	46.62	N/A	N/A	68.23	N/A	N/A	Horizontal	PASS
10848.240	48.37	N/A	N/A	74.00	N/A	54.00	Horizontal	PASS

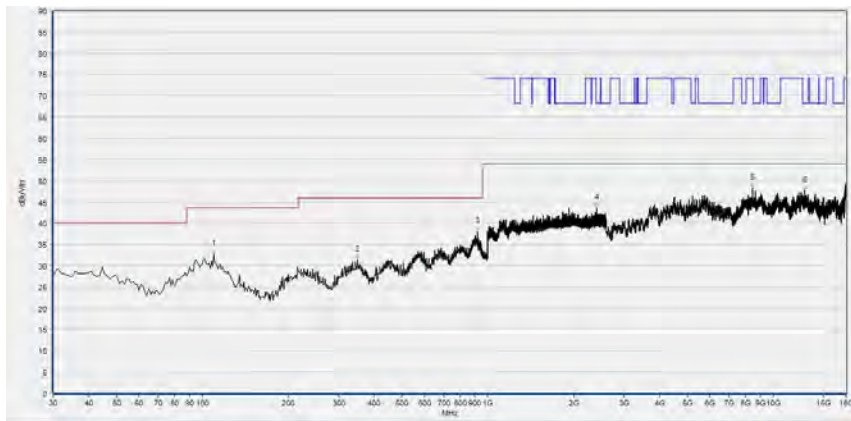
(Antenna Horizontal, 30MHz to 18GHz)



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	31.85	N/A	N/A	N/A	43.50	N/A	Vertical	PASS
575.140	34.32	N/A	N/A	N/A	46.00	N/A	Vertical	PASS
893.300	38.71	N/A	N/A	N/A	46.00	N/A	Vertical	PASS
2430.933	43.24	N/A	N/A	68.23	N/A	N/A	Vertical	PASS
5753.920	47.11	N/A	N/A	68.23	N/A	N/A	Vertical	PASS
12600.760	47.62	N/A	N/A	74.00	N/A	54.00	Vertical	PASS

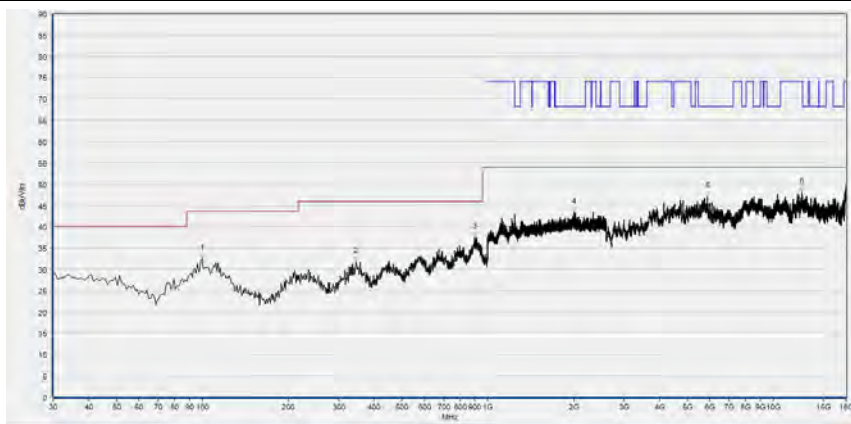
(Antenna Vertical, 30MHz to 18GHz)

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
109.540	32.63	N/A	N/A	N/A	43.50	N/A	Horizontal	PASS
350.100	31.29	N/A	N/A	N/A	46.00	N/A	Horizontal	PASS
922.400	38.11	N/A	N/A	N/A	46.00	N/A	Horizontal	PASS
2409.600	43.62	N/A	N/A	68.23	N/A	N/A	Horizontal	PASS
8467.400	48.30	N/A	N/A	74.00	N/A	54.00	Horizontal	PASS
12899.520	47.64	N/A	N/A	68.23	N/A	N/A	Horizontal	PASS

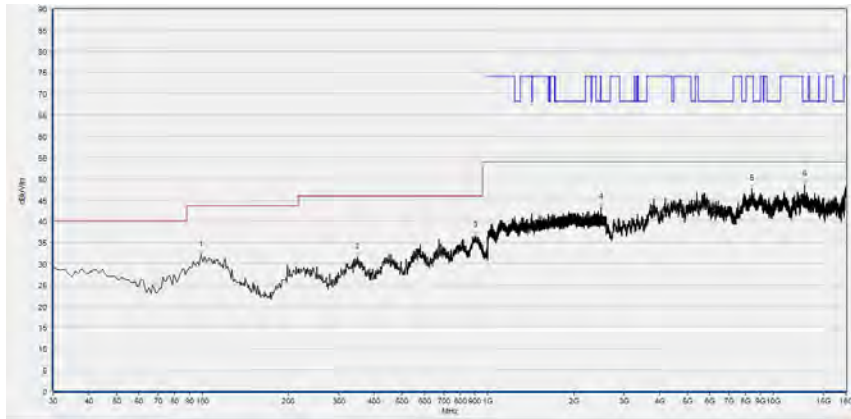
(Antenna Horizontal, 30MHz to 18GHz)



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	32.33	N/A	N/A	N/A	43.50	N/A	Vertical	PASS
346.220	31.89	N/A	N/A	N/A	46.00	N/A	Vertical	PASS
900.090	37.60	N/A	N/A	N/A	46.00	N/A	Vertical	PASS
2003.733	43.40	N/A	N/A	68.23	N/A	N/A	Vertical	PASS
5867.880	47.09	N/A	N/A	68.23	N/A	N/A	Vertical	PASS
12588.440	48.06	N/A	N/A	74.00	N/A	54.00	Vertical	PASS

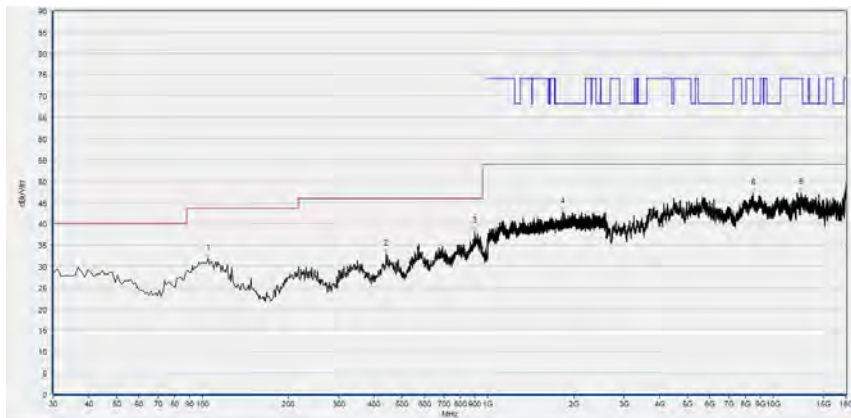
(Antenna Vertical, 30MHz to 18GHz)

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
98.870	31.96	N/A	N/A	N/A	43.50	N/A	Horizontal	PASS
349.130	31.55	N/A	N/A	N/A	46.00	N/A	Horizontal	PASS
904.940	36.50	N/A	N/A	N/A	46.00	N/A	Horizontal	PASS
2491.200	43.19	N/A	N/A	74.00	N/A	54.00	Horizontal	PASS
8411.960	47.65	N/A	N/A	74.00	N/A	54.00	Horizontal	PASS
12893.360	48.60	N/A	N/A	68.23	N/A	N/A	Horizontal	PASS

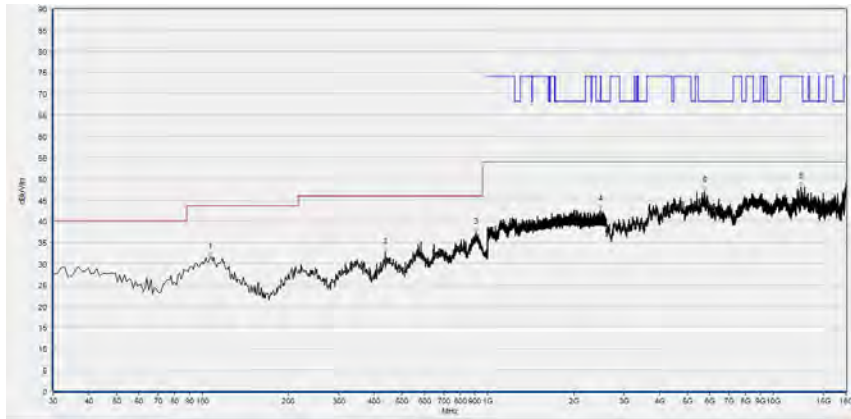
(Antenna Horizontal, 30MHz to 18GHz)



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	31.82	N/A	N/A	N/A	43.50	N/A	Vertical	PASS
440.310	32.79	N/A	N/A	N/A	46.00	N/A	Vertical	PASS
901.060	38.29	N/A	N/A	N/A	46.00	N/A	Vertical	PASS
1824.533	42.80	N/A	N/A	68.23	N/A	N/A	Vertical	PASS
8510.520	47.11	N/A	N/A	68.23	N/A	N/A	Vertical	PASS
12523.760	47.19	N/A	N/A	74.00	N/A	54.00	Vertical	PASS

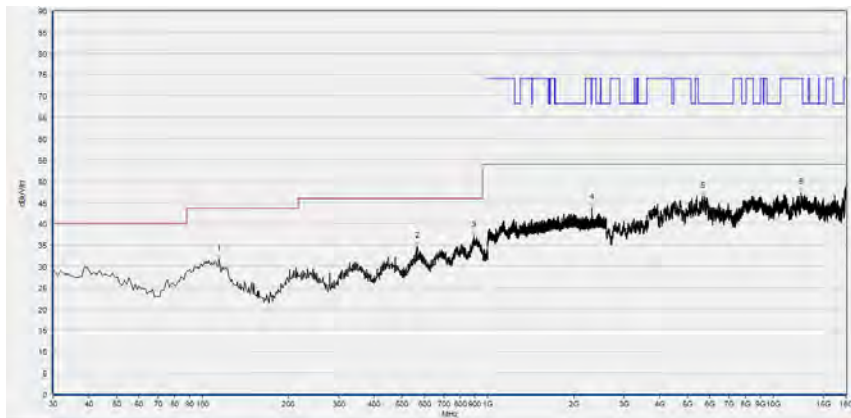
(Antenna Vertical, 30MHz to 18GHz)

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
106.630	31.49	N/A	N/A	N/A	43.50	N/A	Horizontal	PASS
436.430	32.75	N/A	N/A	N/A	46.00	N/A	Horizontal	PASS
910.760	37.30	N/A	N/A	N/A	46.00	N/A	Horizontal	PASS
2480.000	42.72	N/A	N/A	68.23	N/A	N/A	Horizontal	PASS
5766.240	47.02	N/A	N/A	68.23	N/A	N/A	Horizontal	PASS
12502.200	48.04	N/A	N/A	74.00	N/A	54.00	Horizontal	PASS

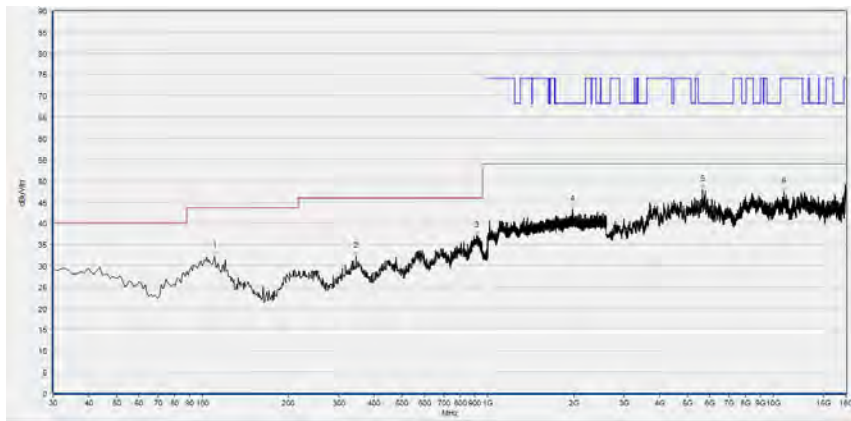
(Antenna Horizontal, 30MHz to 18GHz)



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
114.390	31.74	N/A	N/A	N/A	43.50	N/A	Vertical	PASS
567.380	34.62	N/A	N/A	N/A	46.00	N/A	Vertical	PASS
893.300	37.15	N/A	N/A	N/A	46.00	N/A	Vertical	PASS
2310.400	43.77	N/A	N/A	74.00	N/A	54.00	Vertical	PASS
5649.200	46.41	N/A	N/A	68.23	N/A	N/A	Vertical	PASS
12517.600	47.19	N/A	N/A	74.00	N/A	54.00	Vertical	PASS

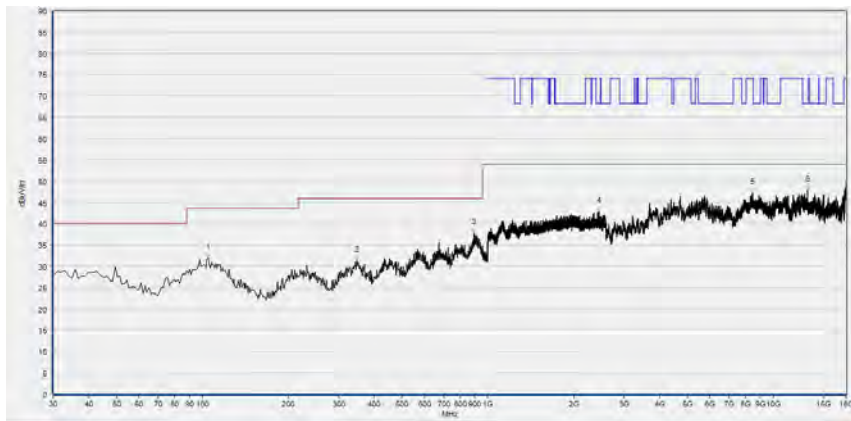
(Antenna Vertical, 30MHz to 18GHz)

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
110.510	32.24	N/A	N/A	N/A	43.50	N/A	Horizontal	PASS
345.250	32.21	N/A	N/A	N/A	46.00	N/A	Horizontal	PASS
915.610	36.99	N/A	N/A	N/A	46.00	N/A	Horizontal	PASS
1976.533	43.21	N/A	N/A	68.23	N/A	N/A	Horizontal	PASS
5649.200	47.90	N/A	N/A	68.23	N/A	N/A	Horizontal	PASS
10919.080	47.41	N/A	N/A	74.00	N/A	54.00	Horizontal	PASS

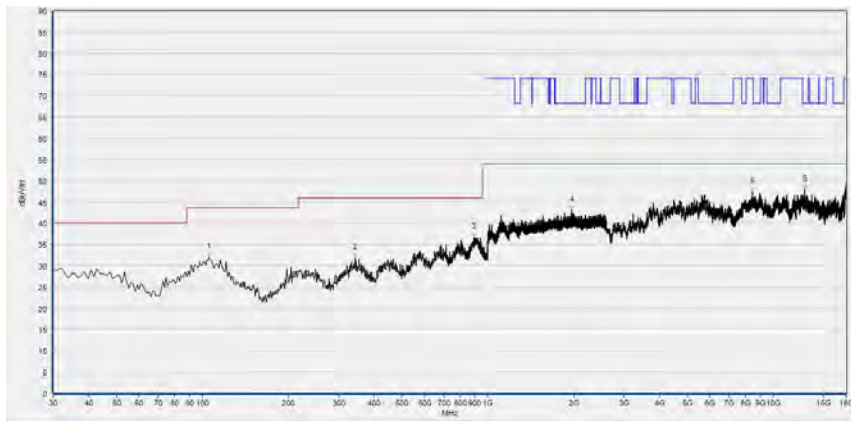
(Antenna Horizontal, 30MHz to 18GHz)



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
104.690	31.95	N/A	N/A	N/A	43.50	N/A	Vertical	PASS
348.160	31.32	N/A	N/A	N/A	46.00	N/A	Vertical	PASS
894.270	37.85	N/A	N/A	N/A	46.00	N/A	Vertical	PASS
2448.000	42.92	N/A	N/A	68.23	N/A	N/A	Vertical	PASS
8458.160	47.23	N/A	N/A	74.00	N/A	54.00	Vertical	PASS
13176.720	47.93	N/A	N/A	68.23	N/A	N/A	Vertical	PASS

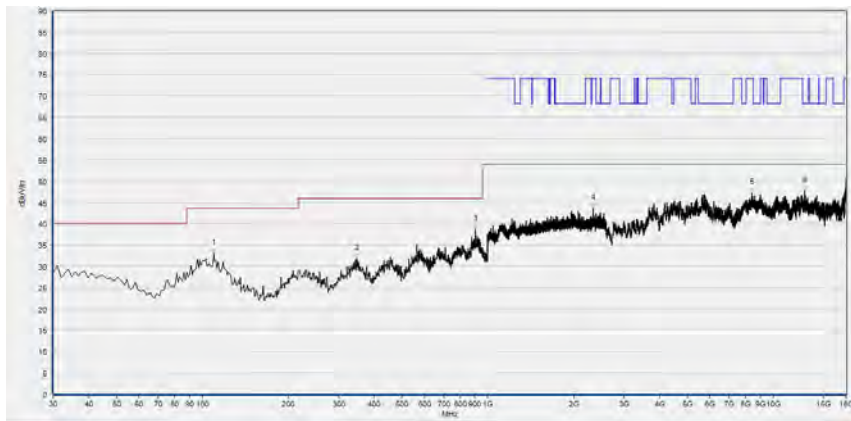
(Antenna Vertical, 30MHz to 18GHz)

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
105.660	31.96	N/A	N/A	N/A	43.50	N/A	Horizontal	PASS
343.310	31.85	N/A	N/A	N/A	46.00	N/A	Horizontal	PASS
895.240	36.73	N/A	N/A	N/A	46.00	N/A	Horizontal	PASS
1967.467	43.14	N/A	N/A	68.23	N/A	N/A	Horizontal	PASS
8458.160	47.45	N/A	N/A	74.00	N/A	54.00	Horizontal	PASS
12877.960	47.87	N/A	N/A	68.23	N/A	N/A	Horizontal	PASS

(Antenna Horizontal, 30MHz to 18GHz)

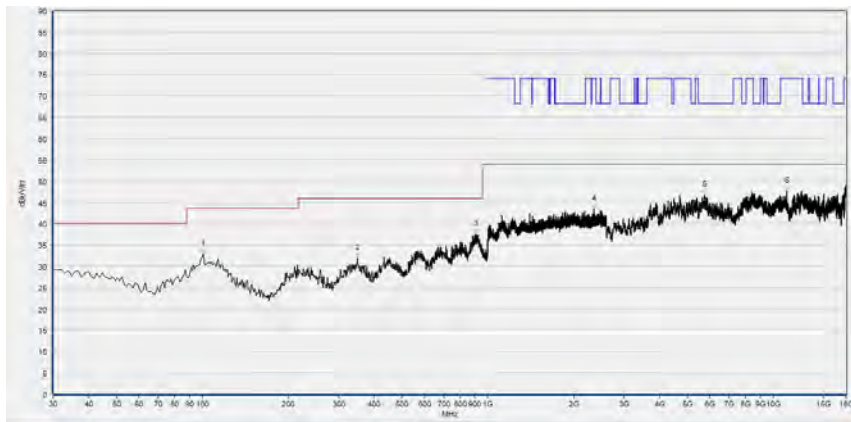


Fre. (MHz)	PK (dBμV/m)	QP (dBμV/m)	AV (dBμV/m)	Limit-PK (dBμV/m)	Limit-QP (dBμV/m)	Limit-AV (dBμV/m)	Antenna	Verdict
109.540	33.04	N/A	N/A	N/A	43.50	N/A	Vertical	PASS
347.190	31.89	N/A	N/A	N/A	46.00	N/A	Vertical	PASS
903.000	38.72	N/A	N/A	N/A	46.00	N/A	Vertical	PASS
2334.933	43.51	N/A	N/A	74.00	N/A	54.00	Vertical	PASS
8424.280	47.22	N/A	N/A	74.00	N/A	54.00	Vertical	PASS
12884.120	47.73	N/A	N/A	68.23	N/A	N/A	Vertical	PASS

(Antenna Vertical, 30MHz to 18GHz)

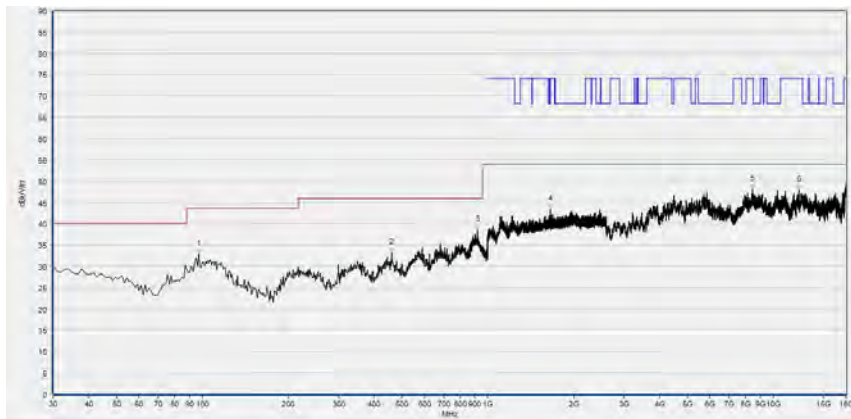
802.11n (HT40) mode

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
100.810	32.90	N/A	N/A	N/A	43.50	N/A	Horizontal	PASS
349.130	31.86	N/A	N/A	N/A	46.00	N/A	Horizontal	PASS
911.730	37.57	N/A	N/A	N/A	46.00	N/A	Horizontal	PASS
2356.800	43.42	N/A	N/A	74.00	N/A	54.00	Horizontal	PASS
5760.080	46.69	N/A	N/A	68.23	N/A	N/A	Horizontal	PASS
11140.840	47.68	N/A	N/A	74.00	N/A	54.00	Horizontal	PASS

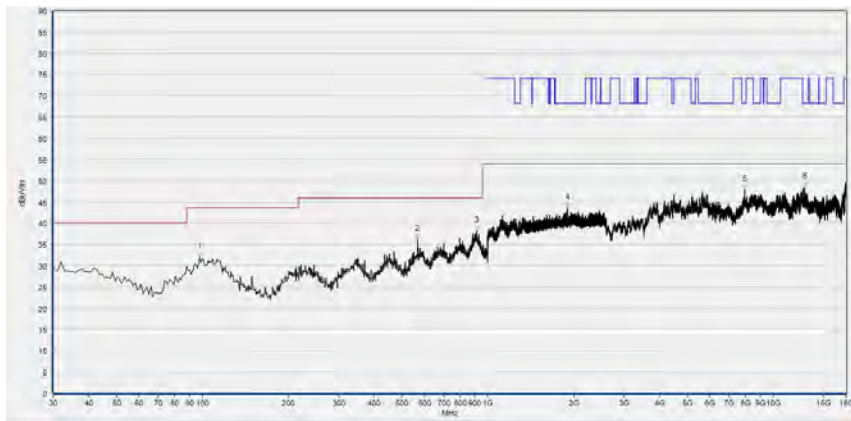
(Antenna Horizontal, 30MHz to 18GHz)



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
96.930	32.84	N/A	N/A	N/A	43.50	N/A	Vertical	PASS
459.710	33.23	N/A	N/A	N/A	46.00	N/A	Vertical	PASS
918.520	38.55	N/A	N/A	N/A	46.00	N/A	Vertical	PASS
1651.733	43.34	N/A	N/A	68.23	N/A	N/A	Vertical	PASS
8461.240	48.13	N/A	N/A	74.00	N/A	54.00	Vertical	PASS
12298.920	47.85	N/A	N/A	74.00	N/A	54.00	Vertical	PASS

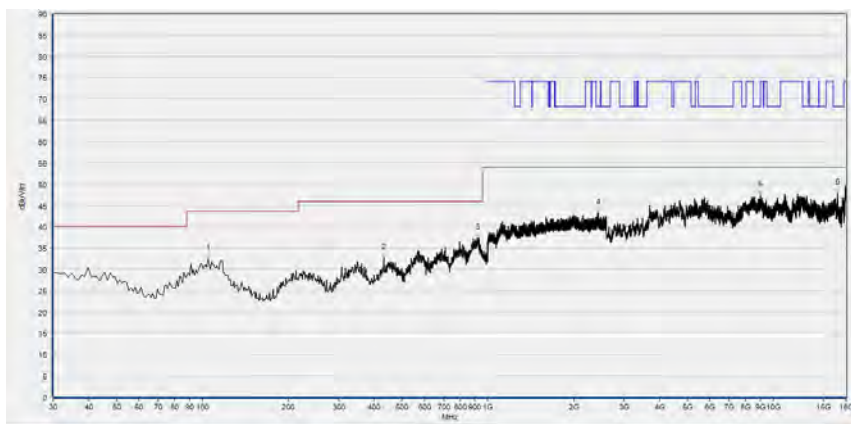
(Antenna Vertical, 30MHz to 18GHz)

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
97.900	31.99	N/A	N/A	N/A	43.50	N/A	Horizontal	PASS
568.350	36.22	N/A	N/A	N/A	46.00	N/A	Horizontal	PASS
912.700	38.20	N/A	N/A	N/A	46.00	N/A	Horizontal	PASS
1906.133	43.50	N/A	N/A	68.23	N/A	N/A	Horizontal	PASS
7959.200	47.92	N/A	N/A	68.23	N/A	N/A	Horizontal	PASS
12874.880	48.43	N/A	N/A	68.23	N/A	N/A	Horizontal	PASS

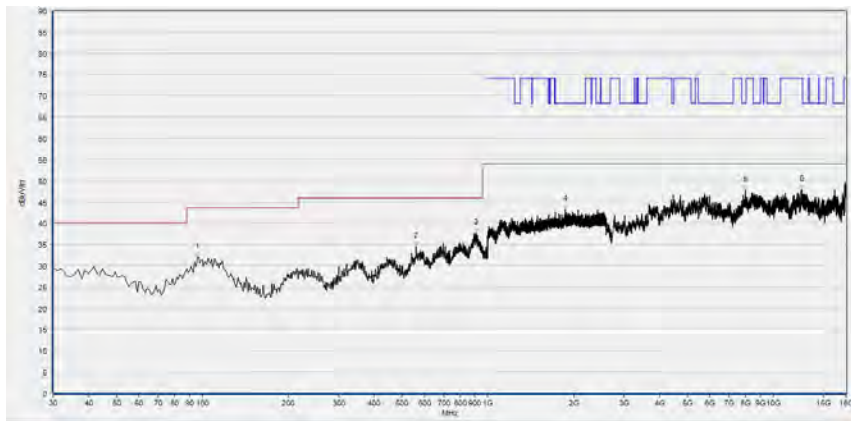
(Antenna Horizontal, 30MHz to 18GHz)



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
104.690	32.28	N/A	N/A	N/A	43.50	N/A	Vertical	PASS
431.580	32.67	N/A	N/A	N/A	46.00	N/A	Vertical	PASS
920.460	37.33	N/A	N/A	N/A	46.00	N/A	Vertical	PASS
2438.933	43.19	N/A	N/A	68.23	N/A	N/A	Vertical	PASS
8997.160	47.45	N/A	N/A	68.23	N/A	N/A	Vertical	PASS
16804.960	48.00	N/A	N/A	68.23	N/A	N/A	Vertical	PASS

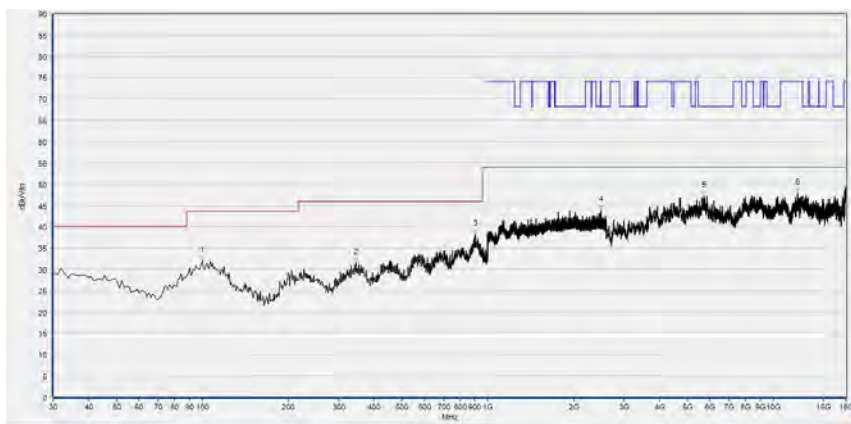
(Antenna Vertical, 30MHz to 18GHz)

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
95.960	31.97	N/A	N/A	N/A	43.50	N/A	Horizontal	PASS
561.560	34.54	N/A	N/A	N/A	46.00	N/A	Horizontal	PASS
910.760	37.77	N/A	N/A	N/A	46.00	N/A	Horizontal	PASS
1869.867	43.18	N/A	N/A	68.23	N/A	N/A	Horizontal	PASS
8002.320	47.70	N/A	N/A	68.23	N/A	N/A	Horizontal	PASS
12603.840	47.88	N/A	N/A	74.00	N/A	54.00	Horizontal	PASS

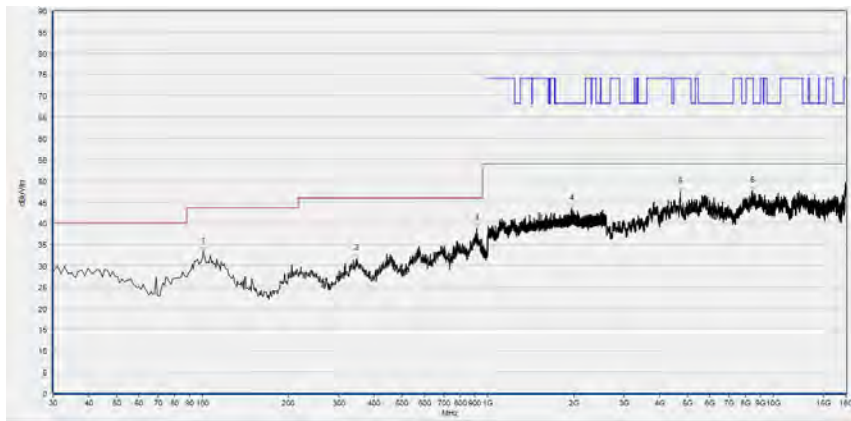
(Antenna Horizontal, 30MHz to 18GHz)



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	31.96	N/A	N/A	N/A	43.50	N/A	Vertical	PASS
346.220	31.52	N/A	N/A	N/A	46.00	N/A	Vertical	PASS
903.970	38.16	N/A	N/A	N/A	46.00	N/A	Vertical	PASS
2494.400	43.83	N/A	N/A	74.00	N/A	54.00	Vertical	PASS
5726.200	47.31	N/A	N/A	68.23	N/A	N/A	Vertical	PASS
12151.080	48.00	N/A	N/A	74.00	N/A	54.00	Vertical	PASS

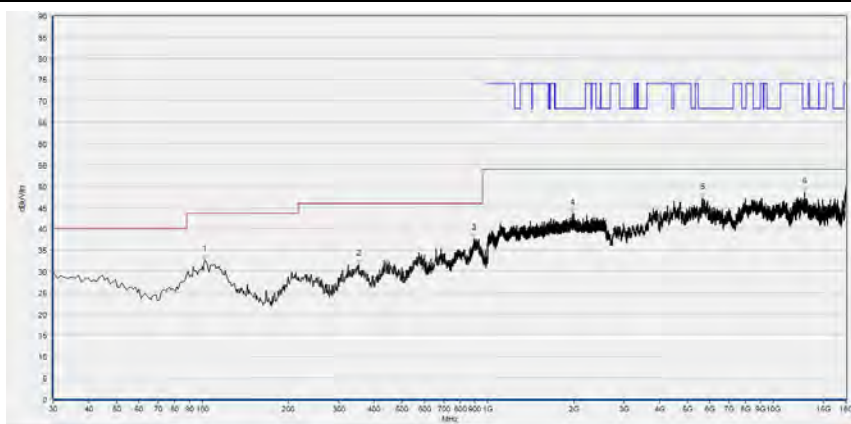
(Antenna Vertical, 30MHz to 18GHz)

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
100.810	33.30	N/A	N/A	N/A	43.50	N/A	Horizontal	PASS
348.160	31.72	N/A	N/A	N/A	46.00	N/A	Horizontal	PASS
913.670	38.73	N/A	N/A	N/A	46.00	N/A	Horizontal	PASS
1966.400	43.44	N/A	N/A	68.23	N/A	N/A	Horizontal	PASS
4715.960	47.41	N/A	N/A	74.00	N/A	54.00	Horizontal	PASS
8461.240	47.67	N/A	N/A	74.00	N/A	54.00	Horizontal	PASS

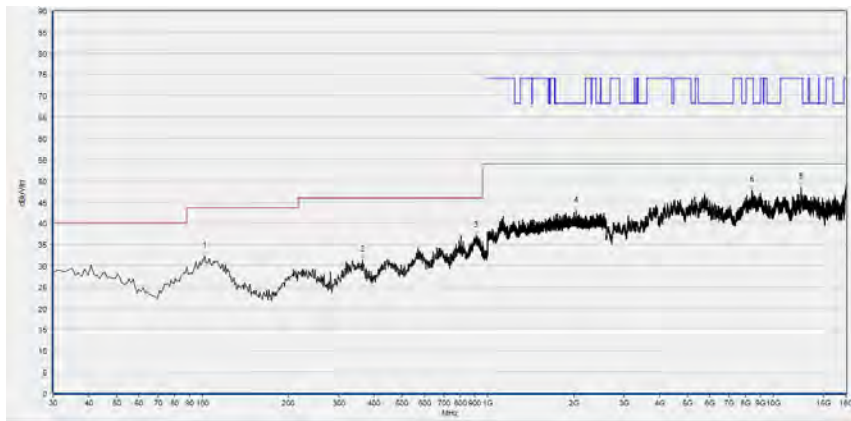
(Antenna Horizontal, 30MHz to 18GHz)



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	32.64	N/A	N/A	N/A	43.50	N/A	Vertical	PASS
353.010	31.75	N/A	N/A	N/A	46.00	N/A	Vertical	PASS
895.240	37.64	N/A	N/A	N/A	46.00	N/A	Vertical	PASS
1980.267	43.60	N/A	N/A	68.23	N/A	N/A	Vertical	PASS
5639.960	47.22	N/A	N/A	68.23	N/A	N/A	Vertical	PASS
12887.200	48.52	N/A	N/A	68.23	N/A	N/A	Vertical	PASS

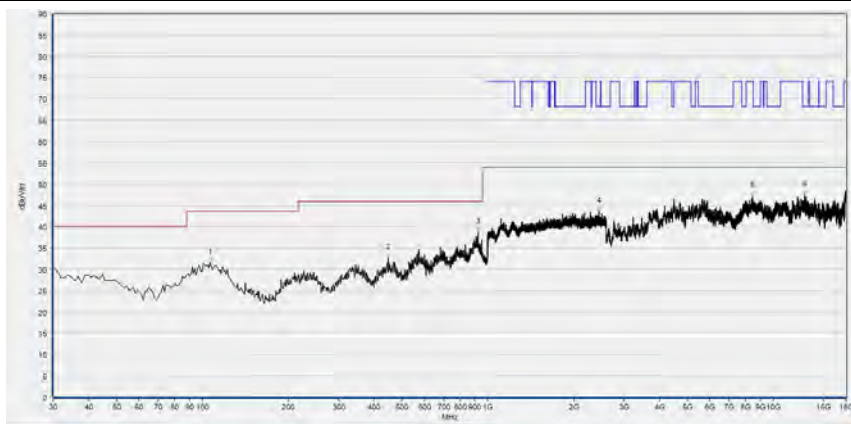
(Antenna Vertical, 30MHz to 18GHz)

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
101.780	32.18	N/A	N/A	N/A	43.50	N/A	Horizontal	PASS
364.650	31.29	N/A	N/A	N/A	46.00	N/A	Horizontal	PASS
909.790	37.09	N/A	N/A	N/A	46.00	N/A	Horizontal	PASS
2038.933	42.92	N/A	N/A	68.23	N/A	N/A	Horizontal	PASS
8424.280	47.72	N/A	N/A	74.00	N/A	54.00	Horizontal	PASS
12514.520	48.52	N/A	N/A	74.00	N/A	54.00	Horizontal	PASS

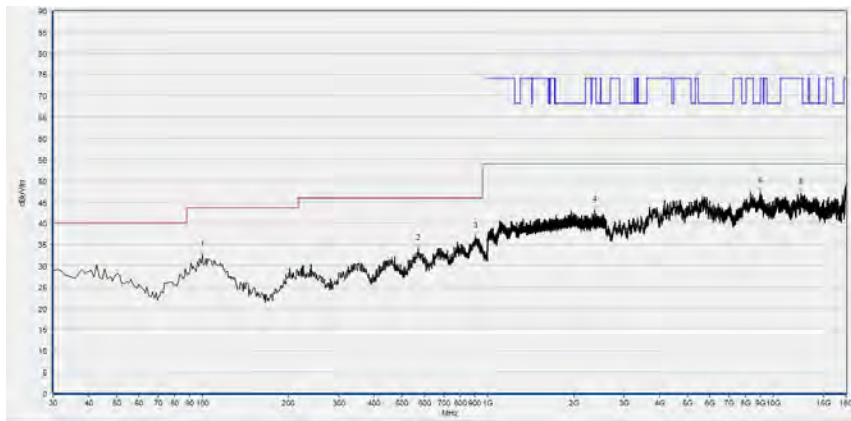
(Antenna Horizontal, 30MHz to 18GHz)



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	31.51	N/A	N/A	N/A	43.50	N/A	Vertical	PASS
448.070	32.69	N/A	N/A	N/A	46.00	N/A	Vertical	PASS
923.370	38.73	N/A	N/A	N/A	46.00	N/A	Vertical	PASS
2449.067	43.53	N/A	N/A	68.23	N/A	N/A	Vertical	PASS
8482.800	47.02	N/A	N/A	74.00	N/A	54.00	Vertical	PASS
12896.440	47.37	N/A	N/A	68.23	N/A	N/A	Vertical	PASS

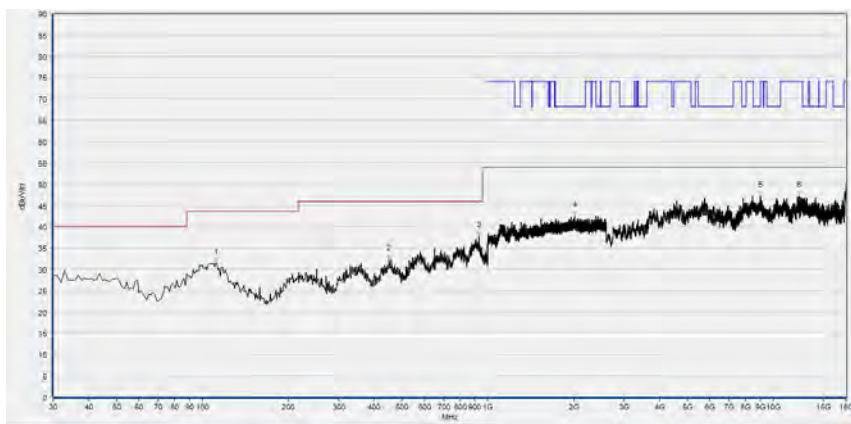
(Antenna Vertical, 30MHz to 18GHz)

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
99.840	32.47	N/A	N/A	N/A	43.50	N/A	Horizontal	PASS
570.290	34.00	N/A	N/A	N/A	46.00	N/A	Horizontal	PASS
903.970	36.90	N/A	N/A	N/A	46.00	N/A	Horizontal	PASS
2370.667	43.07	N/A	N/A	74.00	N/A	54.00	Horizontal	PASS
8991.000	47.41	N/A	N/A	68.23	N/A	N/A	Horizontal	PASS
12508.360	47.13	N/A	N/A	74.00	N/A	54.00	Horizontal	PASS

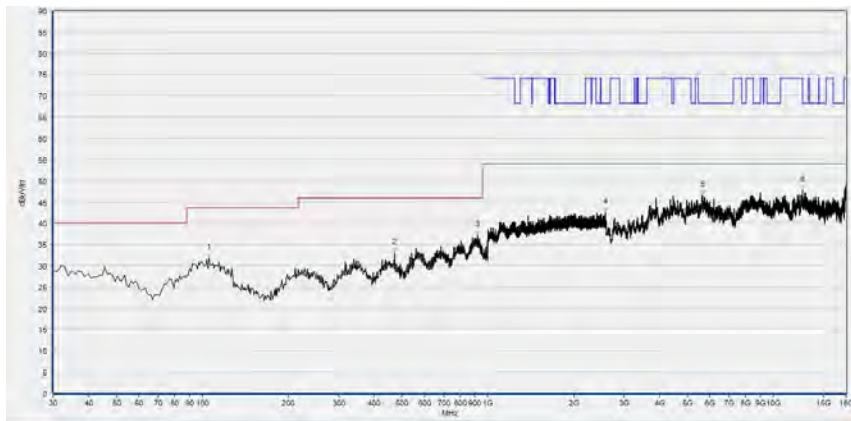
(Antenna Horizontal, 30MHz to 18GHz)



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	31.58	N/A	N/A	N/A	43.50	N/A	Vertical	PASS
450.980	32.39	N/A	N/A	N/A	46.00	N/A	Vertical	PASS
933.070	37.90	N/A	N/A	N/A	46.00	N/A	Vertical	PASS
2018.667	42.49	N/A	N/A	68.23	N/A	N/A	Vertical	PASS
8994.080	47.22	N/A	N/A	68.23	N/A	N/A	Vertical	PASS
12289.680	47.34	N/A	N/A	74.00	N/A	54.00	Vertical	PASS

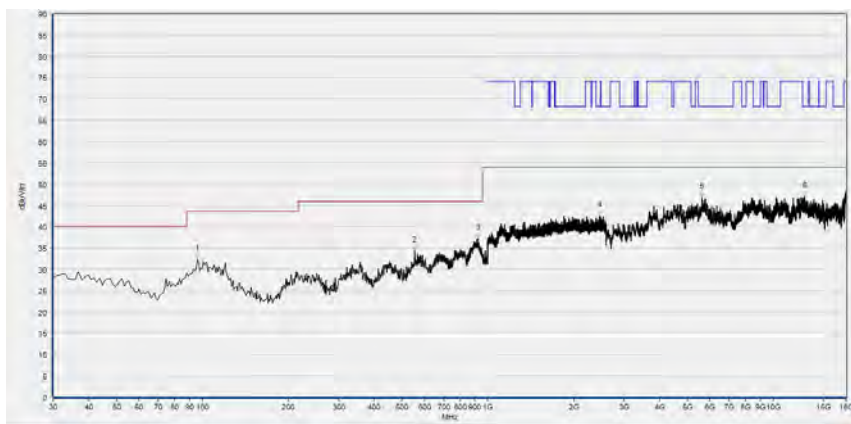
(Antenna Vertical, 30MHz to 18GHz)

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
105.660	31.86	N/A	N/A	N/A	43.50	N/A	Horizontal	PASS
471.350	32.97	N/A	N/A	N/A	46.00	N/A	Horizontal	PASS
922.400	37.15	N/A	N/A	N/A	46.00	N/A	Horizontal	PASS
2577.600	42.51	N/A	N/A	68.23	N/A	N/A	Horizontal	PASS
5636.880	46.59	N/A	N/A	68.23	N/A	N/A	Horizontal	PASS
12690.080	47.72	N/A	N/A	74.00	N/A	54.00	Horizontal	PASS

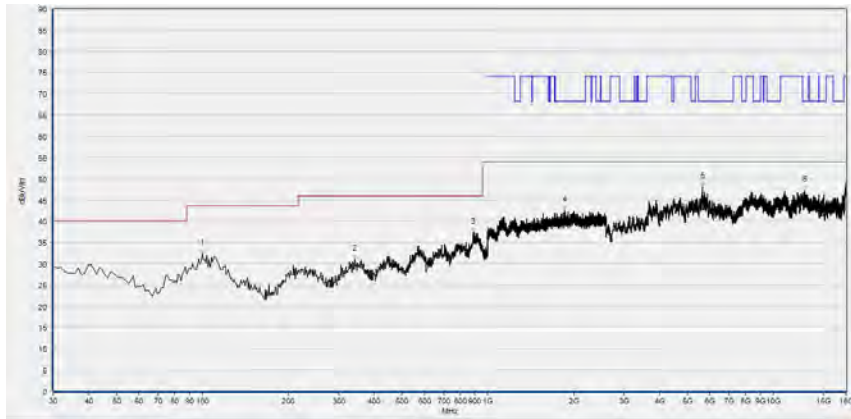
(Antenna Horizontal, 30MHz to 18GHz)



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
95.960	32.33	N/A	N/A	N/A	43.50	N/A	Vertical	PASS
554.770	34.36	N/A	N/A	N/A	46.00	N/A	Vertical	PASS
924.340	37.19	N/A	N/A	N/A	46.00	N/A	Vertical	PASS
2461.333	42.65	N/A	N/A	68.23	N/A	N/A	Vertical	PASS
5633.800	46.97	N/A	N/A	68.23	N/A	N/A	Vertical	PASS
12853.320	47.15	N/A	N/A	68.23	N/A	N/A	Vertical	PASS

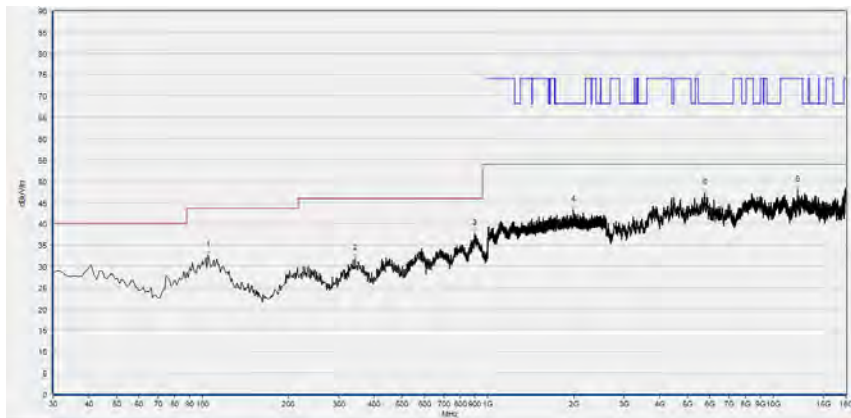
(Antenna Vertical, 30MHz to 18GHz)

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	32.32	N/A	N/A	N/A	43.50	N/A	Horizontal	PASS
342.340	30.93	N/A	N/A	N/A	46.00	N/A	Horizontal	PASS
887.480	37.34	N/A	N/A	N/A	46.00	N/A	Horizontal	PASS
1857.067	42.60	N/A	N/A	68.23	N/A	N/A	Horizontal	PASS
5636.880	48.09	N/A	N/A	68.23	N/A	N/A	Horizontal	PASS
12908.760	47.31	N/A	N/A	68.23	N/A	N/A	Horizontal	PASS

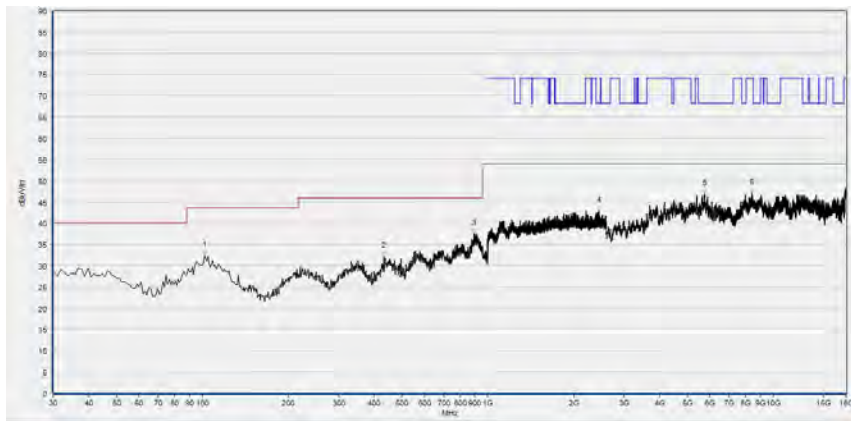
(Antenna Horizontal, 30MHz to 18GHz)



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	32.47	N/A	N/A	N/A	43.50	N/A	Vertical	PASS
343.310	31.78	N/A	N/A	N/A	46.00	N/A	Vertical	PASS
899.120	37.70	N/A	N/A	N/A	46.00	N/A	Vertical	PASS
1992.533	43.18	N/A	N/A	68.23	N/A	N/A	Vertical	PASS
5760.080	47.13	N/A	N/A	68.23	N/A	N/A	Vertical	PASS
12178.800	48.01	N/A	N/A	74.00	N/A	54.00	Vertical	PASS

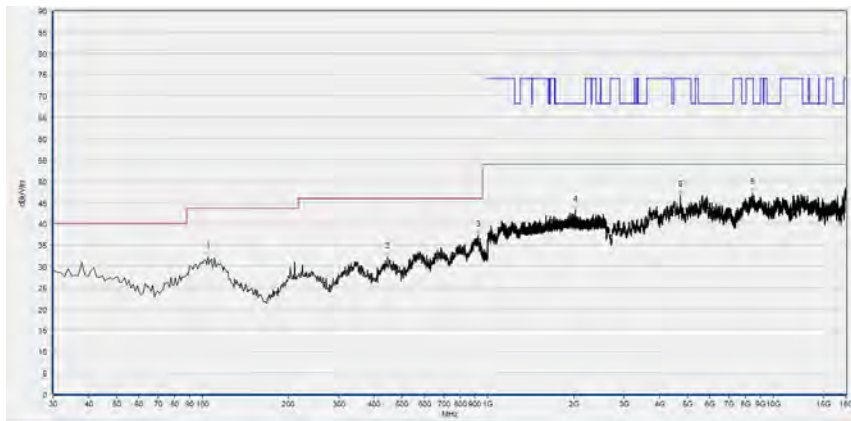
(Antenna Vertical, 30MHz to 18GHz)

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
101.780	32.30	N/A	N/A	N/A	43.50	N/A	Horizontal	PASS
431.580	32.24	N/A	N/A	N/A	46.00	N/A	Horizontal	PASS
892.330	37.54	N/A	N/A	N/A	46.00	N/A	Horizontal	PASS
2456.533	42.92	N/A	N/A	68.23	N/A	N/A	Horizontal	PASS
5744.680	46.85	N/A	N/A	68.23	N/A	N/A	Horizontal	PASS
8418.120	47.02	N/A	N/A	74.00	N/A	54.00	Horizontal	PASS

(Antenna Horizontal, 30MHz to 18GHz)



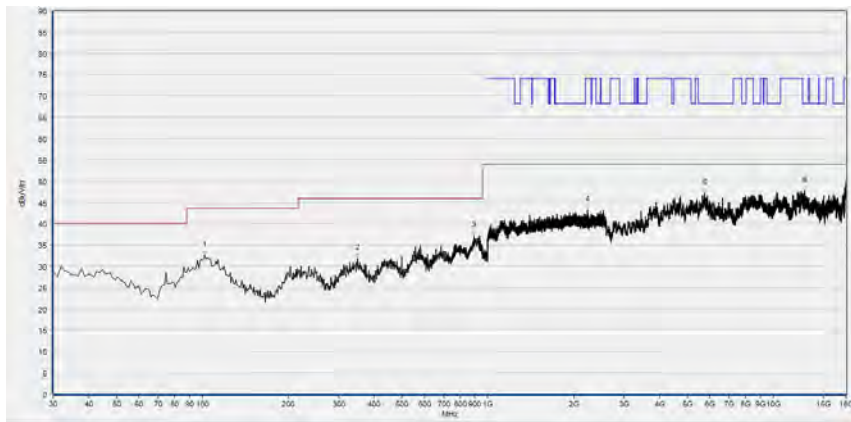
Fre. (MHz)	PK (dBμV/m)	QP (dBμV/m)	AV (dBμV/m)	Limit-PK (dBμV/m)	Limit-QP (dBμV/m)	Limit-AV (dBμV/m)	Antenna	Verdict
104.690	32.10	N/A	N/A	N/A	43.50	N/A	Vertical	PASS
445.160	32.14	N/A	N/A	N/A	46.00	N/A	Vertical	PASS
925.310	37.35	N/A	N/A	N/A	46.00	N/A	Vertical	PASS
2028.267	43.24	N/A	N/A	68.23	N/A	N/A	Vertical	PASS
4728.280	46.71	N/A	N/A	74.00	N/A	54.00	Vertical	PASS
8439.680	47.26	N/A	N/A	74.00	N/A	54.00	Vertical	PASS

(Antenna Vertical, 30MHz to 18GHz)



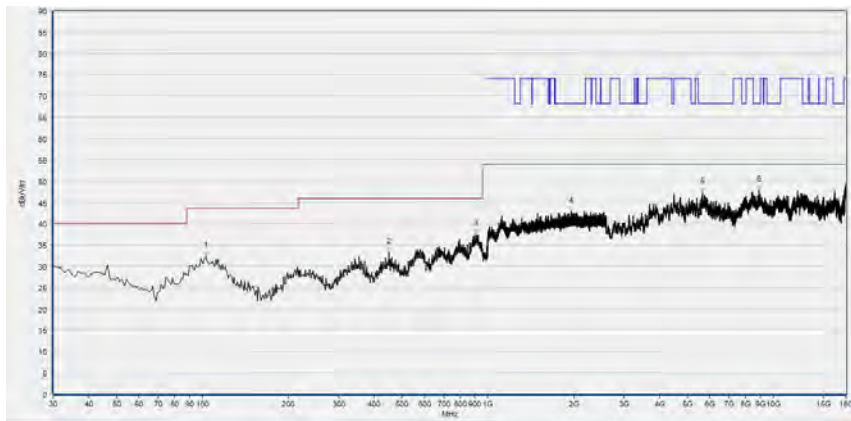
802.11ac (VHT80) Mode

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
101.780	32.47	N/A	N/A	N/A	43.50	N/A	Horizontal	PASS
350.100	31.88	N/A	N/A	N/A	46.00	N/A	Horizontal	PASS
896.210	37.22	N/A	N/A	N/A	46.00	N/A	Horizontal	PASS
2237.333	43.27	N/A	N/A	74.00	N/A	54.00	Horizontal	PASS
5747.760	47.17	N/A	N/A	68.23	N/A	N/A	Horizontal	PASS
12893.360	47.82	N/A	N/A	68.23	N/A	N/A	Horizontal	PASS

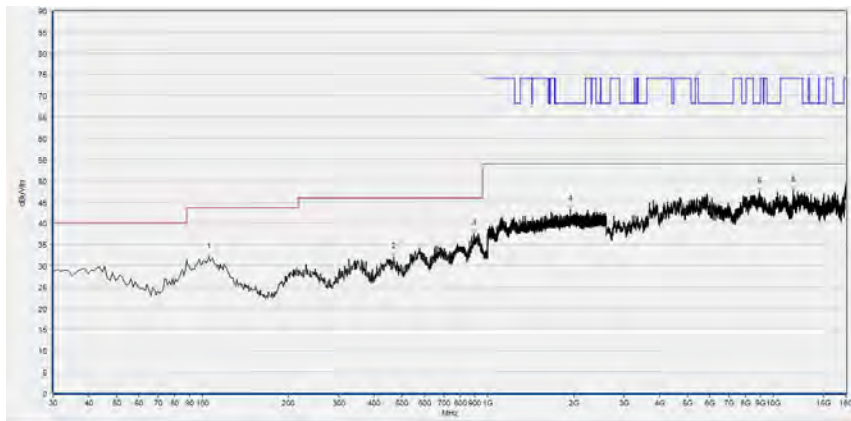
(Antenna Horizontal, 30MHz to 18GHz)



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	32.29	N/A	N/A	N/A	43.50	N/A	Vertical	PASS
450.010	33.43	N/A	N/A	N/A	46.00	N/A	Vertical	PASS
911.730	37.54	N/A	N/A	N/A	46.00	N/A	Vertical	PASS
1957.333	42.87	N/A	N/A	68.23	N/A	N/A	Vertical	PASS
5652.280	47.36	N/A	N/A	68.23	N/A	N/A	Vertical	PASS
8914.000	47.89	N/A	N/A	68.23	N/A	N/A	Vertical	PASS

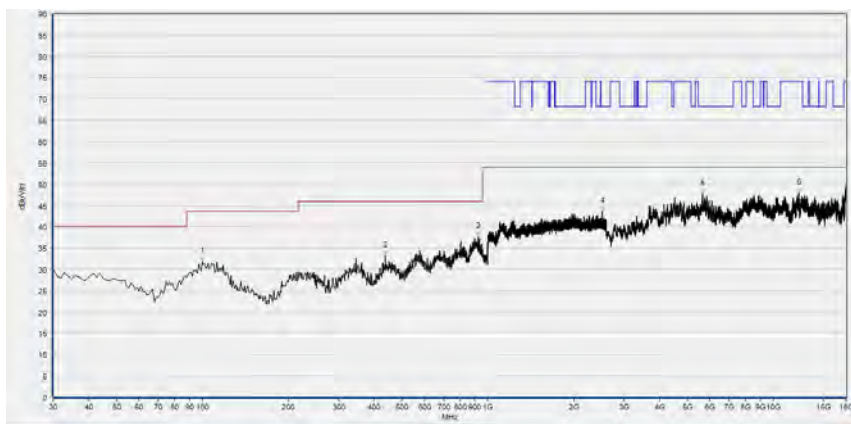
(Antenna Vertical, 30MHz to 18GHz)

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
105.660	32.01	N/A	N/A	N/A	43.50	N/A	Horizontal	PASS
467.470	32.07	N/A	N/A	N/A	46.00	N/A	Horizontal	PASS
892.330	37.50	N/A	N/A	N/A	46.00	N/A	Horizontal	PASS
1950.400	43.21	N/A	N/A	68.23	N/A	N/A	Horizontal	PASS
8938.640	47.35	N/A	N/A	68.23	N/A	N/A	Horizontal	PASS
11741.440	47.74	N/A	N/A	74.00	N/A	54.00	Horizontal	PASS

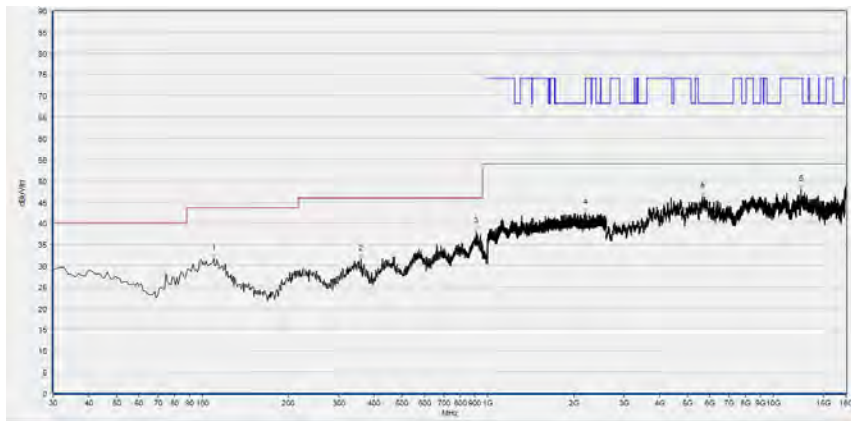
(Antenna Horizontal, 30MHz to 18GHz)



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
99.840	31.82	N/A	N/A	N/A	43.50	N/A	Vertical	PASS
437.400	33.15	N/A	N/A	N/A	46.00	N/A	Vertical	PASS
924.340	37.72	N/A	N/A	N/A	46.00	N/A	Vertical	PASS
2515.200	43.56	N/A	N/A	68.23	N/A	N/A	Vertical	PASS
5664.600	47.76	N/A	N/A	68.23	N/A	N/A	Vertical	PASS
12311.240	47.93	N/A	N/A	74.00	N/A	54.00	Vertical	PASS

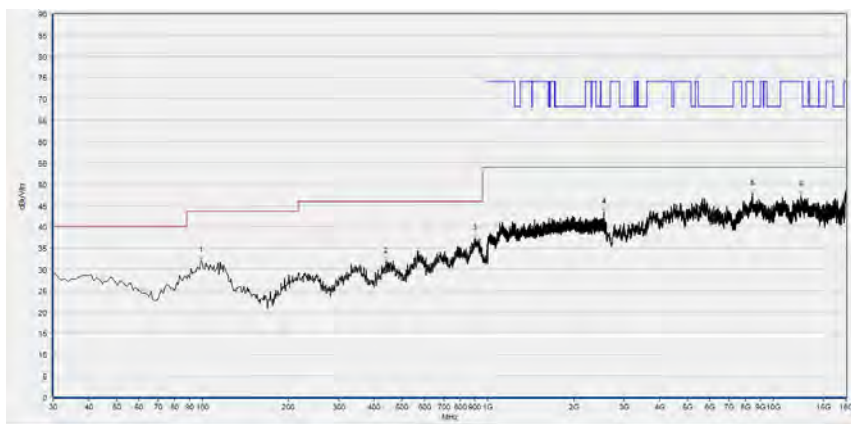
(Antenna Vertical, 30MHz to 18GHz)

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
109.540	31.72	N/A	N/A	N/A	43.50	N/A	Horizontal	PASS
358.830	31.46	N/A	N/A	N/A	46.00	N/A	Horizontal	PASS
911.730	38.13	N/A	N/A	N/A	46.00	N/A	Horizontal	PASS
2190.933	42.35	N/A	N/A	68.23	N/A	N/A	Horizontal	PASS
5658.440	46.18	N/A	N/A	68.23	N/A	N/A	Horizontal	PASS
12545.320	47.89	N/A	N/A	74.00	N/A	54.00	Horizontal	PASS

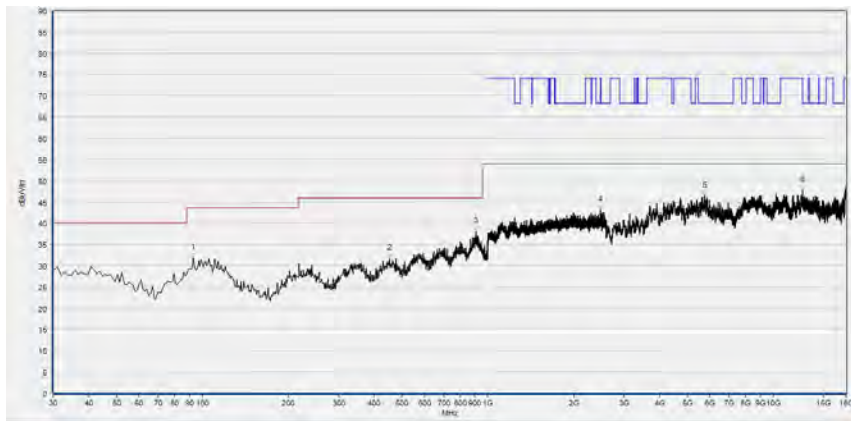
(Antenna Horizontal, 30MHz to 18GHz)



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
98.870	32.03	N/A	N/A	N/A	43.50	N/A	Vertical	PASS
440.310	31.83	N/A	N/A	N/A	46.00	N/A	Vertical	PASS
897.180	37.19	N/A	N/A	N/A	46.00	N/A	Vertical	PASS
2549.333	43.38	N/A	N/A	68.23	N/A	N/A	Vertical	PASS
8445.840	47.84	N/A	N/A	74.00	N/A	54.00	Vertical	PASS
12520.680	47.42	N/A	N/A	74.00	N/A	54.00	Vertical	PASS

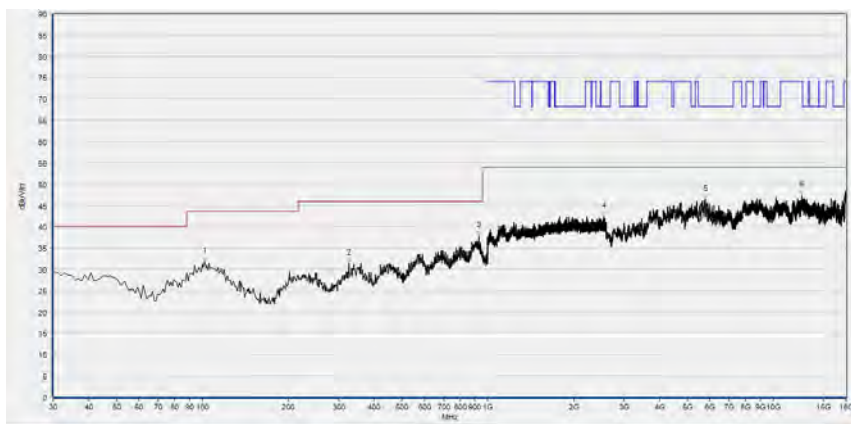
(Antenna Vertical, 30MHz to 18GHz)

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
93.050	31.78	N/A	N/A	N/A	43.50	N/A	Horizontal	PASS
452.920	31.74	N/A	N/A	N/A	46.00	N/A	Horizontal	PASS
907.850	38.08	N/A	N/A	N/A	46.00	N/A	Horizontal	PASS
2474.667	43.14	N/A	N/A	68.23	N/A	N/A	Horizontal	PASS
5760.080	46.50	N/A	N/A	68.23	N/A	N/A	Horizontal	PASS
12683.920	47.79	N/A	N/A	74.00	N/A	54.00	Horizontal	PASS

(Antenna Horizontal, 30MHz to 18GHz)

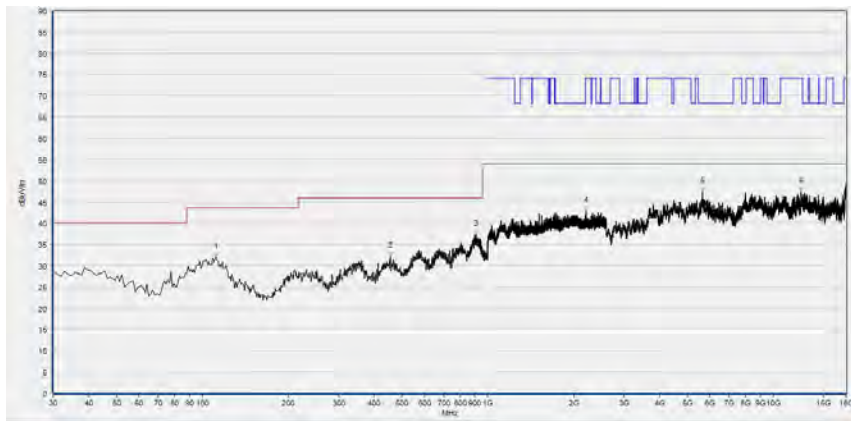


Fre. (MHz)	PK (dBμV/m)	QP (dBμV/m)	AV (dBμV/m)	Limit-PK (dBμV/m)	Limit-QP (dBμV/m)	Limit-AV (dBμV/m)	Antenna	Verdict
101.780	31.91	N/A	N/A	N/A	43.50	N/A	Vertical	PASS
326.820	31.42	N/A	N/A	N/A	46.00	N/A	Vertical	PASS
933.070	37.94	N/A	N/A	N/A	46.00	N/A	Vertical	PASS
2557.867	42.46	N/A	N/A	68.23	N/A	N/A	Vertical	PASS
5787.800	46.47	N/A	N/A	68.23	N/A	N/A	Vertical	PASS
12563.800	47.48	N/A	N/A	74.00	N/A	54.00	Vertical	PASS

(Antenna Vertical, 30MHz to 18GHz)

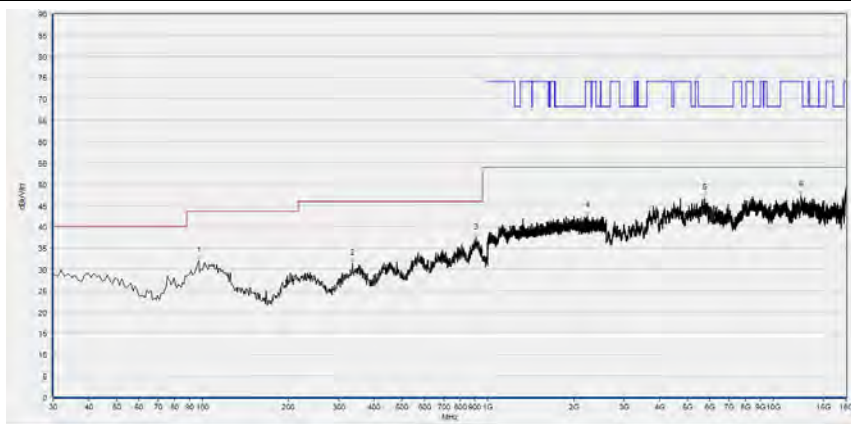


Plot for Channel 138



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
111.480	32.00	N/A	N/A	N/A	43.50	N/A	Horizontal	PASS
455.830	32.11	N/A	N/A	N/A	46.00	N/A	Horizontal	PASS
907.850	37.34	N/A	N/A	N/A	46.00	N/A	Horizontal	PASS
2211.200	42.82	N/A	N/A	74.00	N/A	54.00	Horizontal	PASS
5636.880	47.41	N/A	N/A	68.23	N/A	N/A	Horizontal	PASS
12517.600	47.44	N/A	N/A	74.00	N/A	54.00	Horizontal	PASS

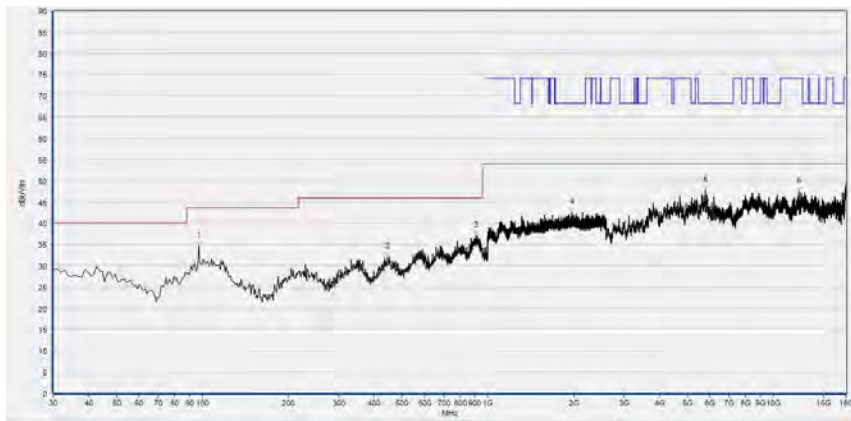
(Antenna Horizontal, 30MHz to 18GHz)



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
96.930	32.08	N/A	N/A	N/A	43.50	N/A	Vertical	PASS
336.520	31.37	N/A	N/A	N/A	46.00	N/A	Vertical	PASS
911.730	37.37	N/A	N/A	N/A	46.00	N/A	Vertical	PASS
2239.467	42.50	N/A	N/A	74.00	N/A	54.00	Vertical	PASS
5753.920	46.68	N/A	N/A	68.23	N/A	N/A	Vertical	PASS
12523.760	47.47	N/A	N/A	74.00	N/A	54.00	Vertical	PASS

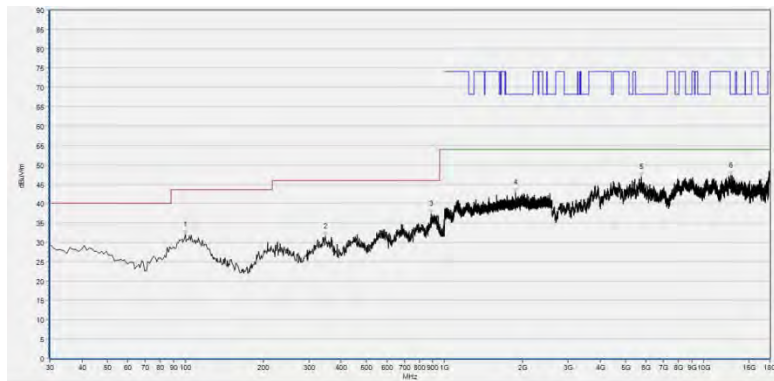
(Antenna Vertical, 30MHz to 18GHz)

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
96.930	34.57	N/A	N/A	N/A	43.50	N/A	Horizontal	PASS
446.130	31.95	N/A	N/A	N/A	46.00	N/A	Horizontal	PASS
910.760	37.06	N/A	N/A	N/A	46.00	N/A	Horizontal	PASS
1968.000	42.50	N/A	N/A	68.23	N/A	N/A	Horizontal	PASS
5778.560	47.69	N/A	N/A	68.23	N/A	N/A	Horizontal	PASS
12289.680	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
99.840	32.07	N/A	N/A	N/A	43.50	N/A	Vertical	PASS
347.190	31.51	N/A	N/A	N/A	46.00	N/A	Vertical	PASS
886.510	37.46	N/A	N/A	N/A	46.00	N/A	Vertical	PASS
1881.600	42.83	N/A	N/A	68.23	N/A	N/A	Vertical	PASS
5757.000	46.90	N/A	N/A	68.23	N/A	N/A	Vertical	PASS
12739.360	47.33	N/A	N/A	68.23	N/A	N/A	Vertical	PASS

(Antenna Vertical, 30MHz to 18GHz)

————— END OF REPORT —————

