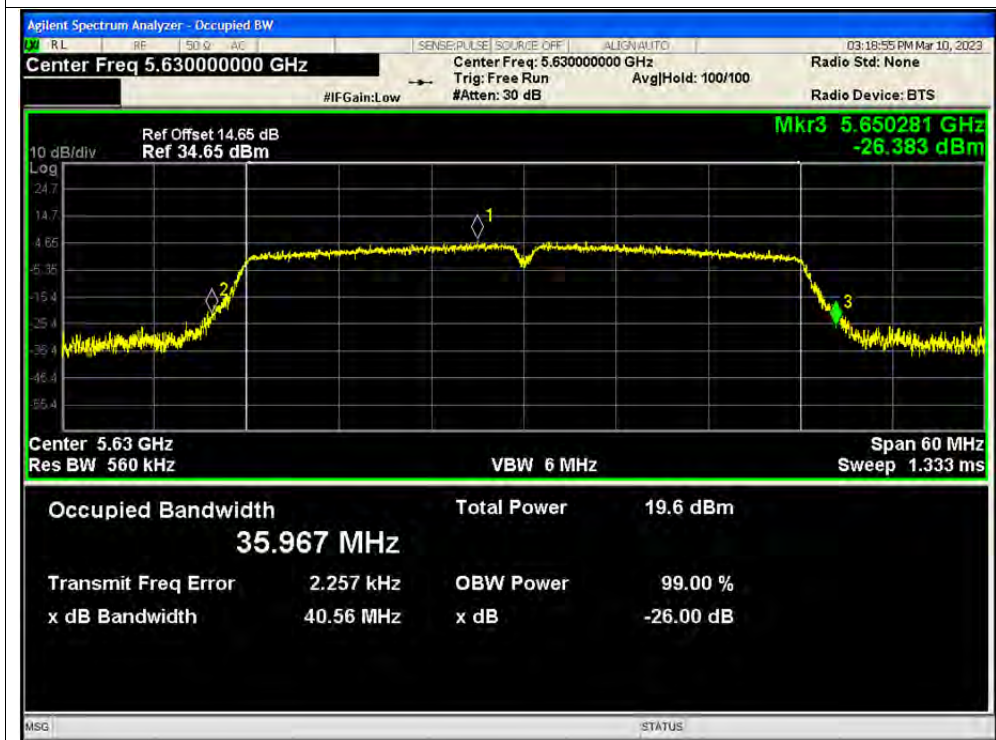




-26dB Bandwidth NVNT ac40 5510MHz Ant1



-26dB Bandwidth NVNT ac40 5630MHz Ant1

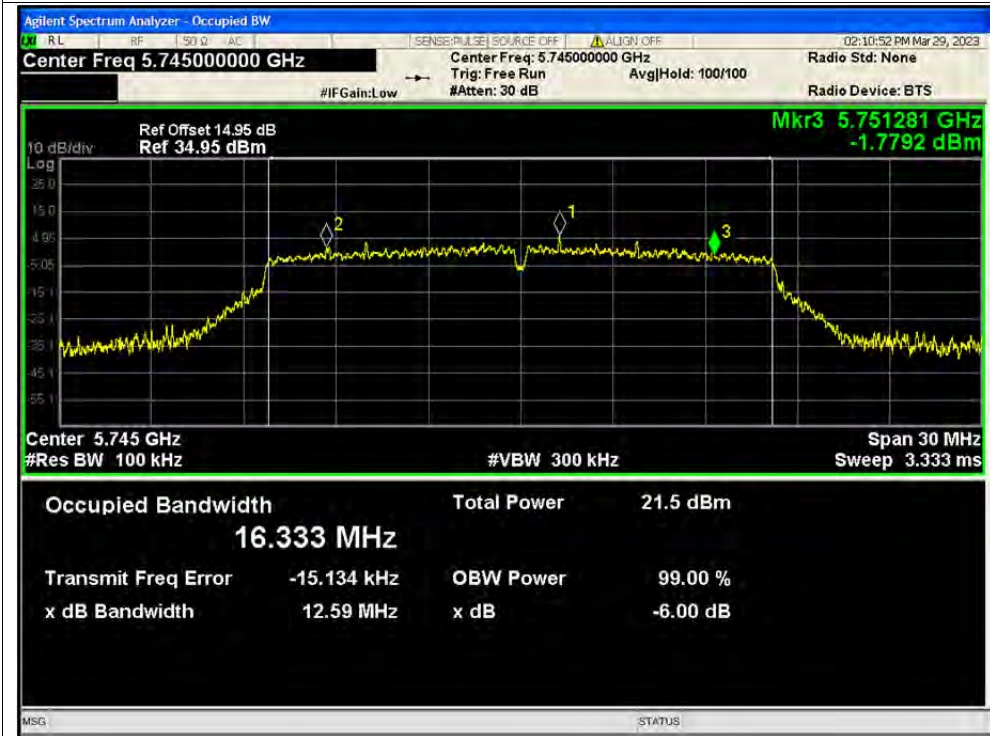






Test Graphs

-6dB Bandwidth NVNT a 5745MHz Ant1

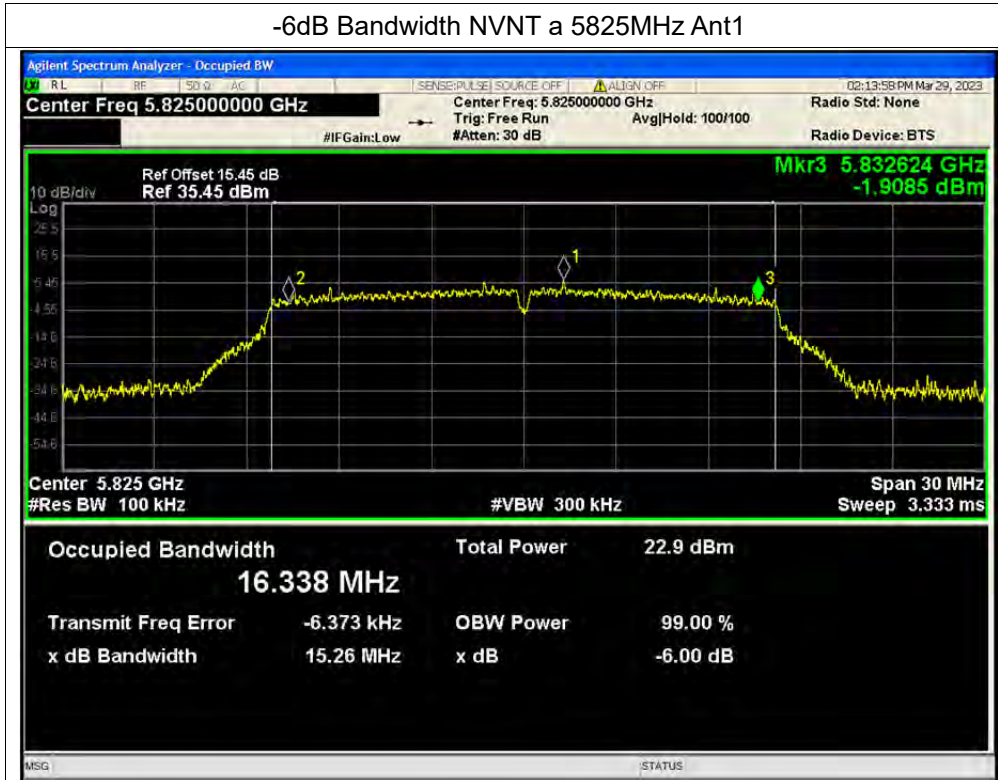


-6dB Bandwidth NVNT a 5785MHz Ant1

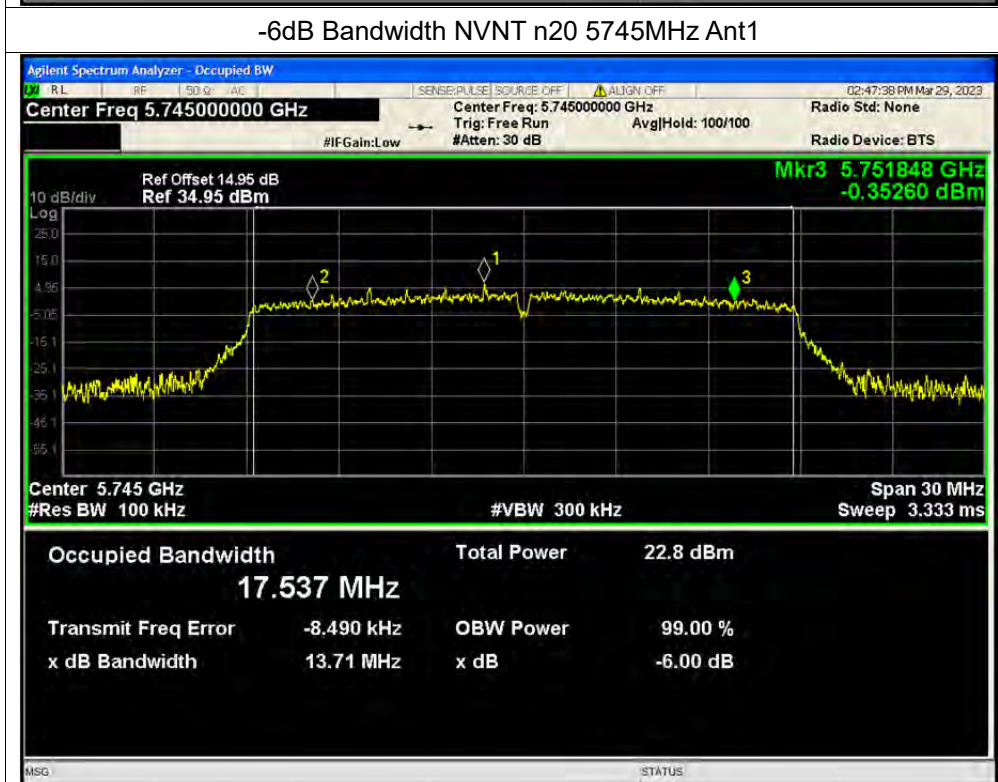




-6dB Bandwidth NVNT a 5825MHz Ant1

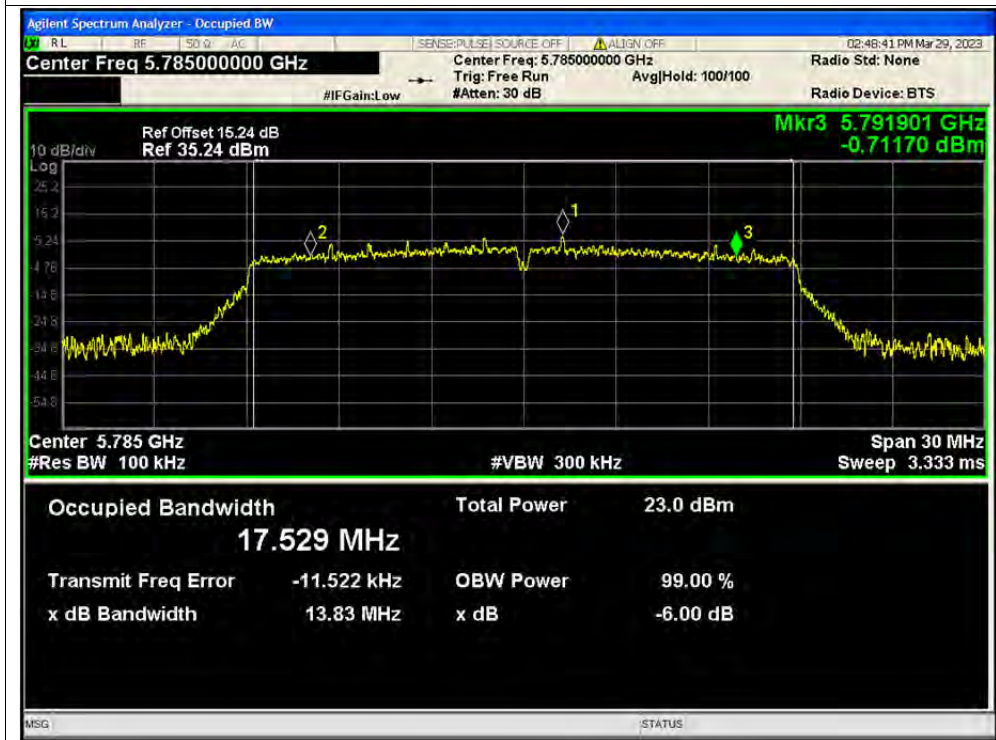


-6dB Bandwidth NVNT n20 5745MHz Ant1

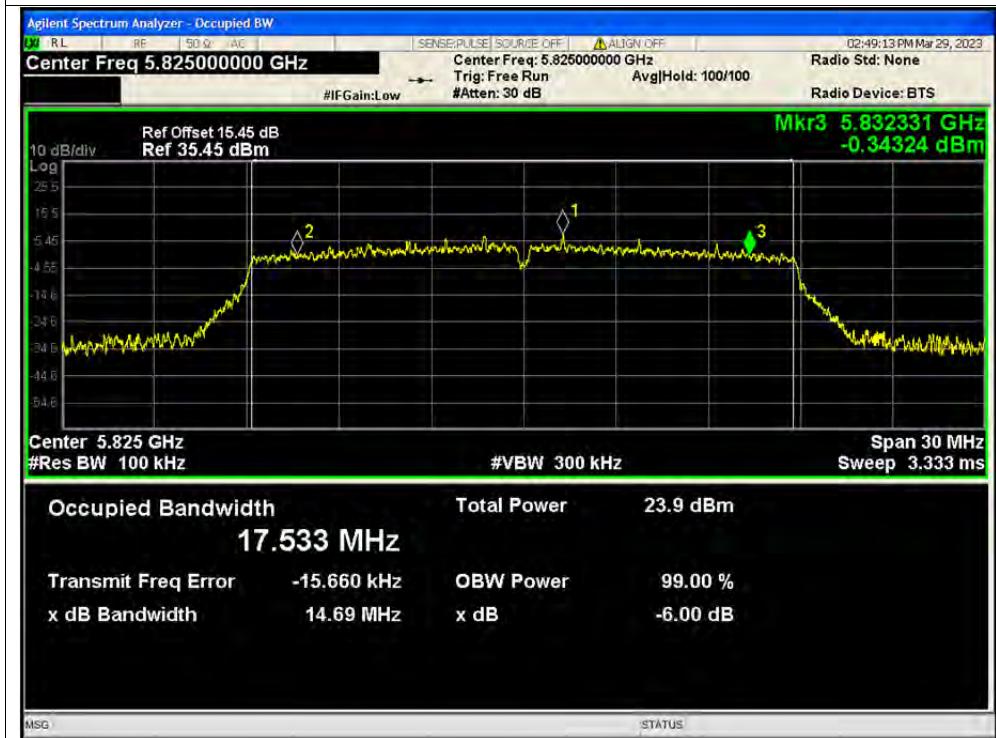




-6dB Bandwidth NVNT n20 5785MHz Ant1



-6dB Bandwidth NVNT n20 5825MHz Ant1

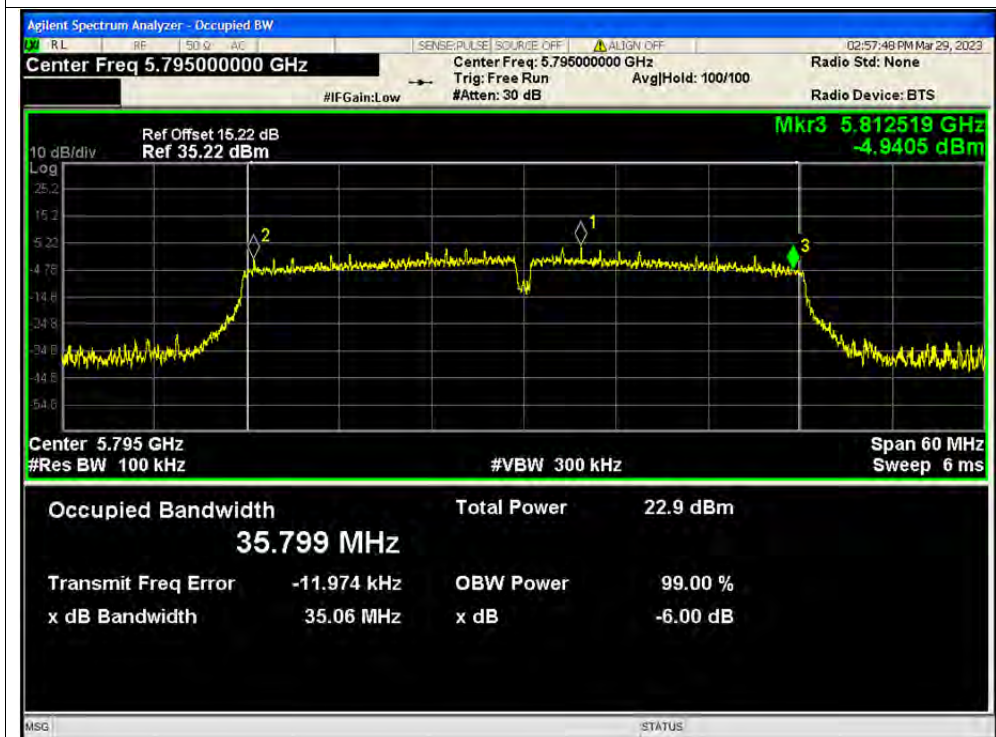




-6dB Bandwidth NVNT n40 5755MHz Ant1

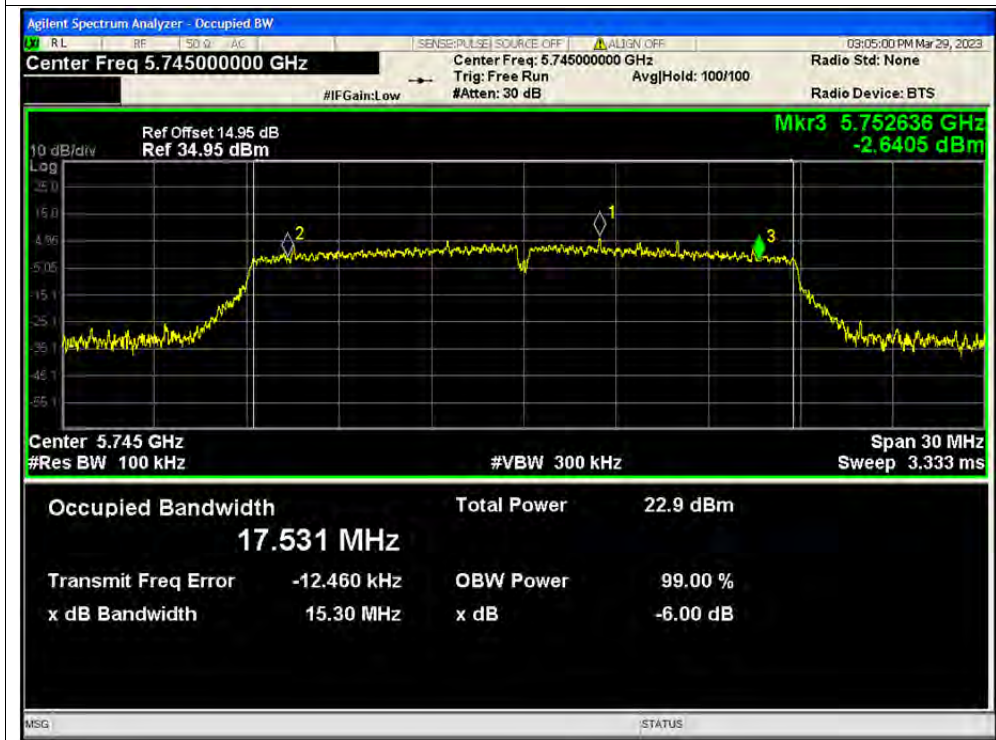


-6dB Bandwidth NVNT n40 5795MHz Ant1

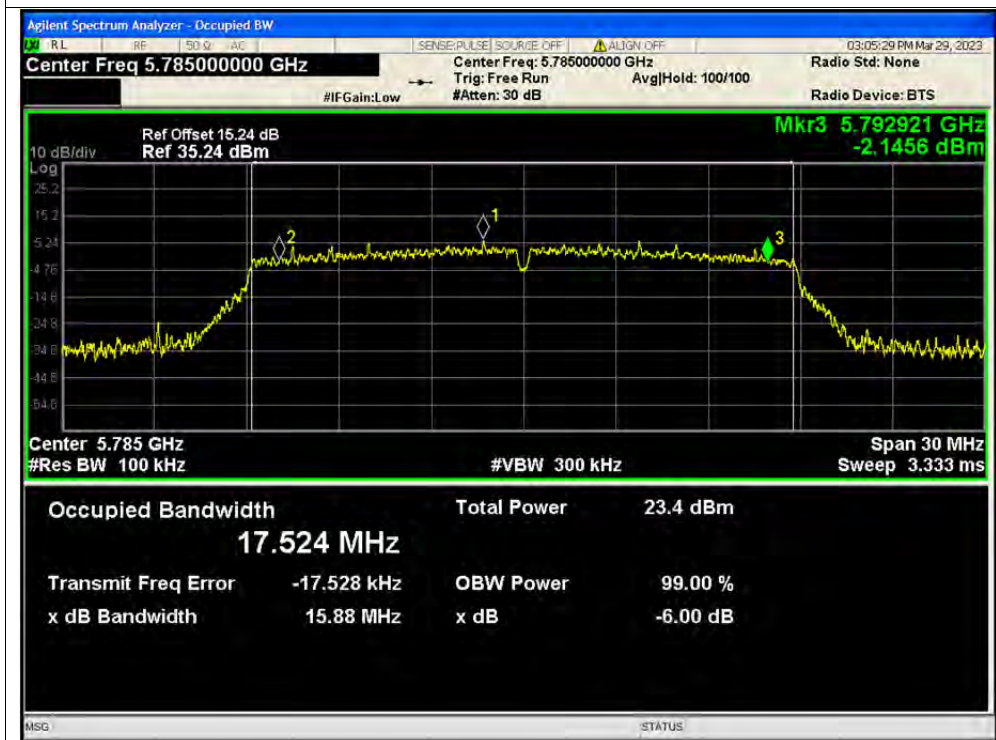




-6dB Bandwidth NVNT ac20 5745MHz Ant1

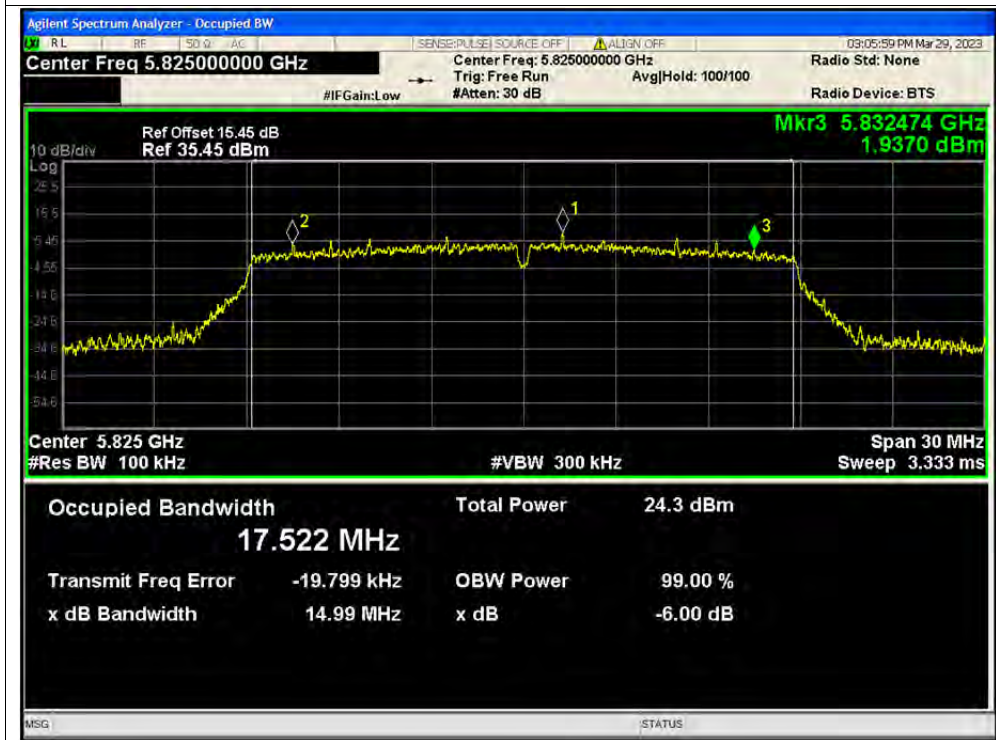


-6dB Bandwidth NVNT ac20 5785MHz Ant1





-6dB Bandwidth NVNT ac20 5825MHz Ant1

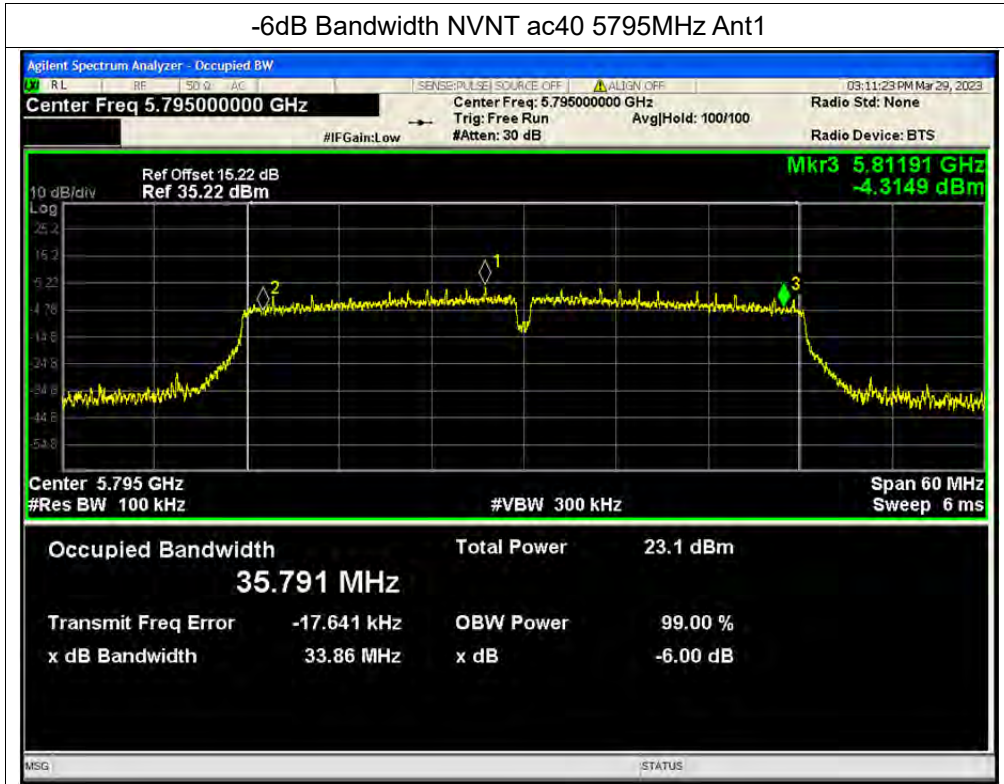


-6dB Bandwidth NVNT ac40 5755MHz Ant1





-6dB Bandwidth NVNT ac40 5795MHz Ant1



**A.4. Peak Power Spectral Density**

Condition	Mode	Frequency (MHz)	Antenna	Conducted PSD (dBm)	Duty Factor (dB)	Total PSD (dBm)	Limit (dBm)	Verdict
NVNT	a	5180	Ant1	4.86	0.12	4.98	11	Pass
NVNT	a	5220	Ant1	5.33	0.15	5.48	11	Pass
NVNT	a	5240	Ant1	6.17	0.12	6.29	11	Pass
NVNT	a	5260	Ant1	6.3	0.12	6.42	11	Pass
NVNT	a	5300	Ant1	6.01	0.15	6.16	11	Pass
NVNT	a	5320	Ant1	6.28	0.15	6.43	11	Pass
NVNT	a	5500	Ant1	4.26	0.15	4.41	11	Pass
NVNT	a	5600	Ant1	3.36	0.15	3.51	11	Pass
NVNT	a	5720	Ant1	5.03	0.15	5.18	11	Pass
NVNT	a	5745	Ant1	2.61	0.12	2.73	30	Pass
NVNT	a	5785	Ant1	2.55	0.12	2.67	30	Pass
NVNT	a	5825	Ant1	3.96	0.18	4.14	30	Pass
NVNT	n20	5180	Ant1	5.02	0.13	5.15	11	Pass
NVNT	n20	5220	Ant1	5.2	0.16	5.36	11	Pass
NVNT	n20	5240	Ant1	5.85	0.13	5.98	11	Pass
NVNT	n20	5260	Ant1	5.67	0.13	5.8	11	Pass
NVNT	n20	5300	Ant1	5.45	0.16	5.61	11	Pass
NVNT	n20	5320	Ant1	5.86	0.13	5.99	11	Pass
NVNT	n20	5500	Ant1	3.36	0.16	3.52	11	Pass
NVNT	n20	5600	Ant1	3.08	0.13	3.21	11	Pass
NVNT	n20	5720	Ant1	4.68	0.16	4.84	11	Pass
NVNT	n20	5745	Ant1	3.47	0.13	3.6	30	Pass
NVNT	n20	5785	Ant1	3.78	0.13	3.91	30	Pass
NVNT	n20	5825	Ant1	4.77	0.2	4.97	30	Pass
NVNT	n40	5190	Ant1	2.12	0.26	2.38	11	Pass
NVNT	n40	5230	Ant1	2.33	0.26	2.59	11	Pass
NVNT	n40	5270	Ant1	3.14	0.26	3.4	11	Pass
NVNT	n40	5310	Ant1	3.15	0.32	3.47	11	Pass
NVNT	n40	5510	Ant1	0.26	0.32	0.58	11	Pass
NVNT	n40	5630	Ant1	-0.01	0.32	0.31	11	Pass
NVNT	n40	5710	Ant1	1.5	0.26	1.76	11	Pass
NVNT	n40	5755	Ant1	-0.16	0.26	0.1	30	Pass
NVNT	n40	5795	Ant1	0.12	0.26	0.38	30	Pass
NVNT	ac20	5180	Ant1	5.32	0.13	5.45	11	Pass



NVNT	ac20	5220	Ant1	6.13	0.13	6.26	11	Pass
NVNT	ac20	5240	Ant1	6.22	0.16	6.38	11	Pass
NVNT	ac20	5260	Ant1	6.06	0.13	6.19	11	Pass
NVNT	ac20	5300	Ant1	6.2	0.13	6.33	11	Pass
NVNT	ac20	5320	Ant1	5.9	0.13	6.03	11	Pass
NVNT	ac20	5500	Ant1	3.78	0.16	3.94	11	Pass
NVNT	ac20	5600	Ant1	3.95	0.16	4.11	11	Pass
NVNT	ac20	5720	Ant1	4.77	0.13	4.9	11	Pass
NVNT	ac20	5745	Ant1	3.79	0.13	3.92	30	Pass
NVNT	ac20	5785	Ant1	4.28	0.13	4.41	30	Pass
NVNT	ac20	5825	Ant1	5.01	0.13	5.14	30	Pass
NVNT	ac40	5190	Ant1	1.58	0.26	1.84	11	Pass
NVNT	ac40	5230	Ant1	2.53	0.32	2.85	11	Pass
NVNT	ac40	5270	Ant1	2.56	0.32	2.88	11	Pass
NVNT	ac40	5310	Ant1	2.49	0.32	2.81	11	Pass
NVNT	ac40	5510	Ant1	0.12	0.32	0.44	11	Pass
NVNT	ac40	5630	Ant1	-0.09	0.26	0.17	11	Pass
NVNT	ac40	5710	Ant1	1.31	0.32	1.63	11	Pass
NVNT	ac40	5755	Ant1	0.11	0.26	0.37	30	Pass
NVNT	ac40	5795	Ant1	0.34	0.26	0.6	30	Pass



Test Graphs

PSD NVNT a 5180MHz Ant1



PSD NVNT a 5220MHz Ant1



PSD NVNT a 5240MHz Ant1



PSD NVNT a 5260MHz Ant1





PSD NVNT a 5300MHz Ant1



PSD NVNT a 5320MHz Ant1



PSD NVNT a 5500MHz Ant1



PSD NVNT a 5600MHz Ant1



PSD NVNT a 5720MHz Ant1

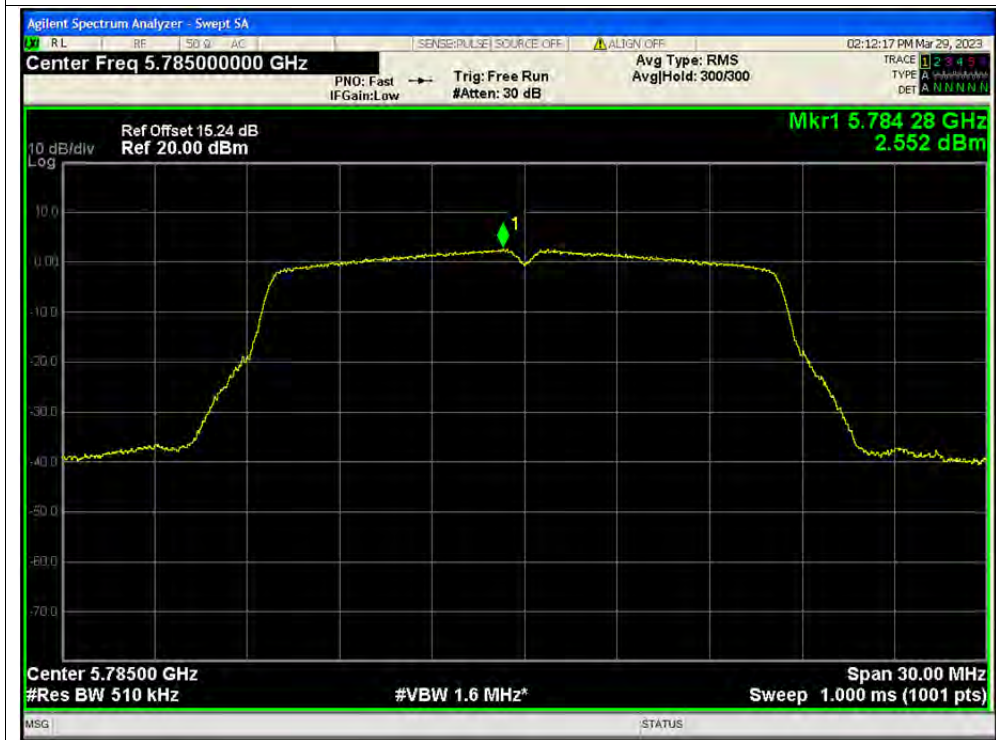


PSD NVNT a 5745MHz Ant1





PSD NVNT a 5785MHz Ant1



PSD NVNT a 5825MHz Ant1





PSD NVNT n20 5180MHz Ant1



PSD NVNT n20 5220MHz Ant1





PSD NVNT n20 5240MHz Ant1



PSD NVNT n20 5260MHz Ant1



PSD NVNT n20 5300MHz Ant1



PSD NVNT n20 5320MHz Ant1



PSD NVNT n20 5500MHz Ant1



PSD NVNT n20 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 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 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

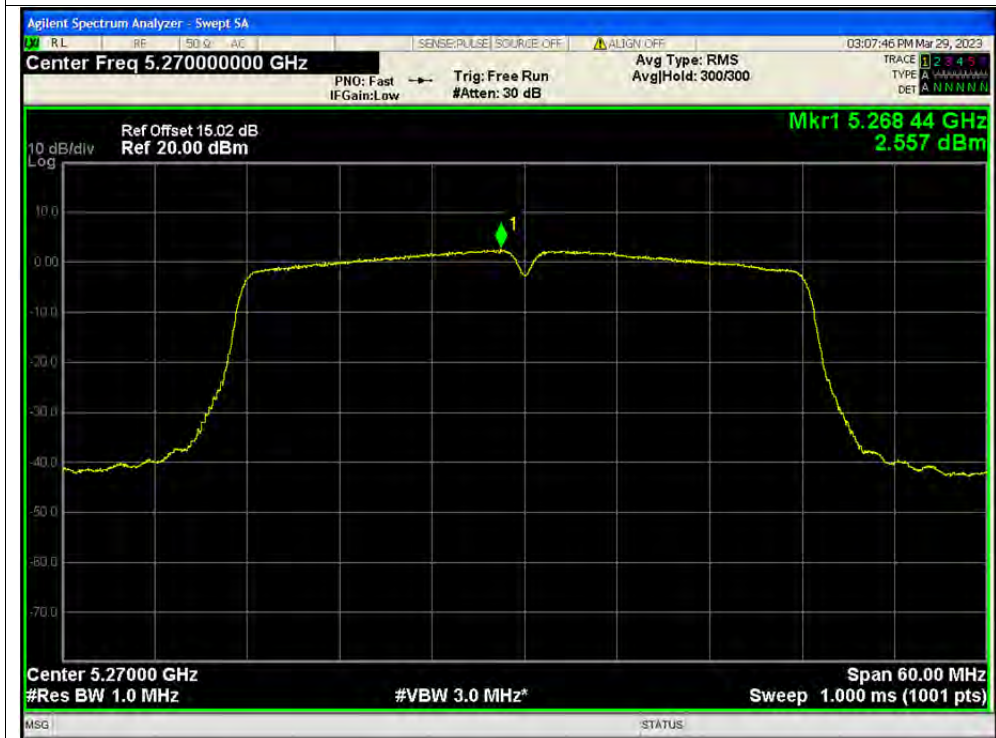




PSD NVNT ac40 5230MHz Ant1

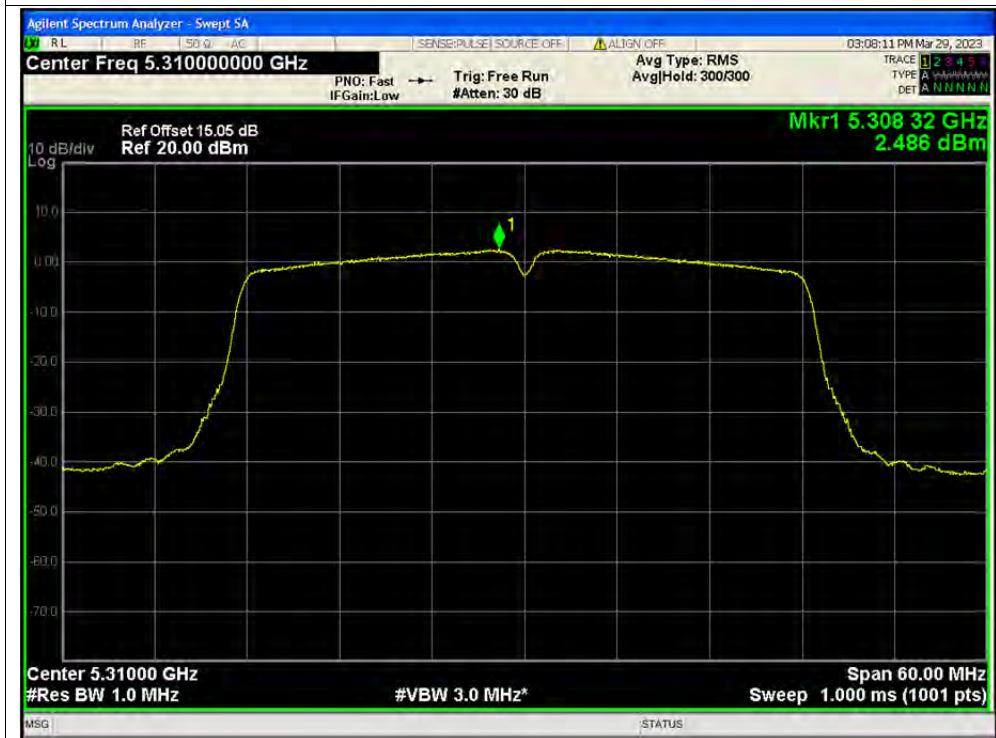


PSD NVNT ac40 5270MHz Ant1





PSD NVNT ac40 5310MHz Ant1



PSD NVNT ac40 5510MHz Ant1



PSD NVNT ac40 5630MHz Ant1



PSD NVNT ac40 5710MHz Ant1





PSD NVNT ac40 5755MHz Ant1



PSD NVNT ac40 5795MHz Ant1



**A.5. Frequency Stability**

Condition	Mode	Frequency (MHz)	Antenna	Measured Frequency (MHz)	Frequency Error (Hz)	Deviation (ppm)	Limit (ppm)	Verdict
20C 3.0V	Carrier	5180	Ant1	5179.983	-17000	-3.28	25	Pass
20C 3.6V	Carrier	5180	Ant1	5179.982	-18000	-3.47	25	Pass
20C 4.2V	Carrier	5180	Ant1	5179.983	-17000	-3.28	25	Pass
-20C 3.6V	Carrier	5180	Ant1	5179.983	-17000	-3.28	25	Pass
-10C 3.6V	Carrier	5180	Ant1	5179.982	-18000	-3.47	25	Pass
0C 3.6V	Carrier	5180	Ant1	5179.982	-18000	-3.47	25	Pass
10C 3.6V	Carrier	5180	Ant1	5179.982	-18000	-3.47	25	Pass
30C 3.6V	Carrier	5180	Ant1	5179.982	-18000	-3.47	25	Pass
40C 3.6V	Carrier	5180	Ant1	5179.982	-18000	-3.47	25	Pass
50C 3.6V	Carrier	5180	Ant1	5179.982	-18000	-3.47	25	Pass
20C 3.0V	Carrier	5260	Ant1	5259.981	-19000	-3.61	25	Pass
20C 3.6V	Carrier	5260	Ant1	5259.98	-20000	-3.8	25	Pass
20C 4.2V	Carrier	5260	Ant1	5259.981	-19000	-3.61	25	Pass
-20C 3.6V	Carrier	5260	Ant1	5259.98	-20000	-3.8	25	Pass
-10C 3.6V	Carrier	5260	Ant1	5259.98	-20000	-3.8	25	Pass
0C 3.6V	Carrier	5260	Ant1	5259.98	-20000	-3.8	25	Pass
10C 3.6V	Carrier	5260	Ant1	5259.98	-20000	-3.8	25	Pass
30C 3.6V	Carrier	5260	Ant1	5259.98	-20000	-3.8	25	Pass
40C 3.6V	Carrier	5260	Ant1	5259.98	-20000	-3.8	25	Pass
50C 3.6V	Carrier	5260	Ant1	5259.98	-20000	-3.8	25	Pass
20C 3.0V	Carrier	5500	Ant1	5499.978	-22000	-4	25	Pass
20C 3.6V	Carrier	5500	Ant1	5499.978	-22000	-4	25	Pass
20C 4.2V	Carrier	5500	Ant1	5499.978	-22000	-4	25	Pass
-20C 4.2V	Carrier	5500	Ant1	5499.978	-22000	-4	25	Pass
-10C 4.2V	Carrier	5500	Ant1	5499.978	-22000	-4	25	Pass
0C 4.2V	Carrier	5500	Ant1	5499.978	-22000	-4	25	Pass
10C 4.2V	Carrier	5500	Ant1	5499.978	-22000	-4	25	Pass
30C 4.2V	Carrier	5500	Ant1	5499.978	-22000	-4	25	Pass
40C 4.2V	Carrier	5500	Ant1	5499.978	-22000	-4	25	Pass
50C 4.2V	Carrier	5500	Ant1	5499.978	-22000	-4	25	Pass
20C 3.0V	Carrier	5745	Ant1	5744.976	-24000	-4.18	25	Pass
20C 3.6V	Carrier	5745	Ant1	5744.976	-24000	-4.18	25	Pass
20C 4.2V	Carrier	5745	Ant1	5744.976	-24000	-4.18	25	Pass
-20C 3.6V	Carrier	5745	Ant1	5744.976	-24000	-4.18	25	Pass



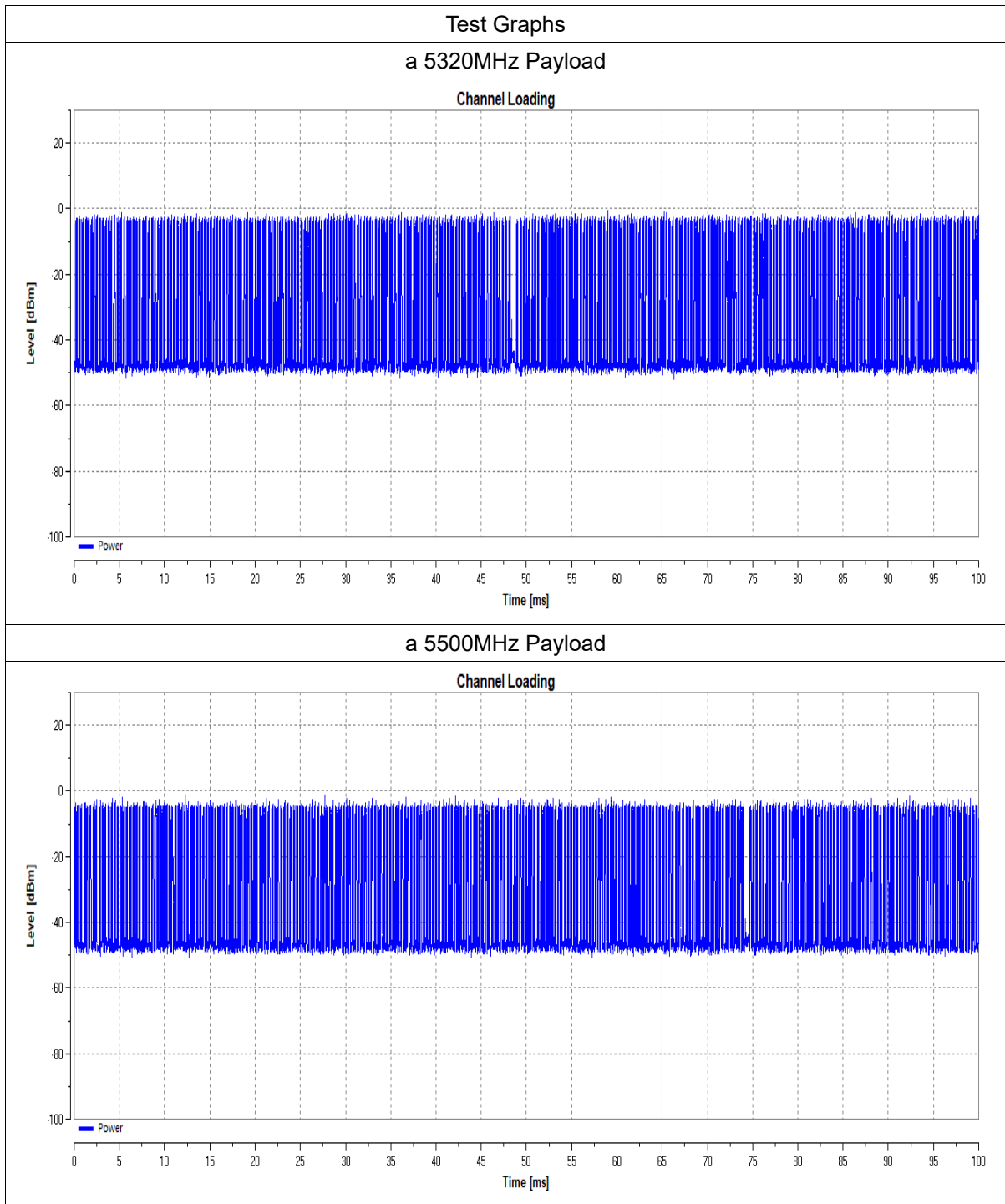
-10C 3.6V	Carrier	5745	Ant1	5744.976	-24000	-4.18	25	Pass
0C 3.6V	Carrier	5745	Ant1	5744.976	-24000	-4.18	25	Pass
10C 3.6V	Carrier	5745	Ant1	5744.976	-24000	-4.18	25	Pass
30C 3.6V	Carrier	5745	Ant1	5744.976	-24000	-4.18	25	Pass
40C 3.6V	Carrier	5745	Ant1	5744.975	-25000	-4.35	25	Pass
50C 3.6V	Carrier	5745	Ant1	5744.975	-25000	-4.35	25	Pass

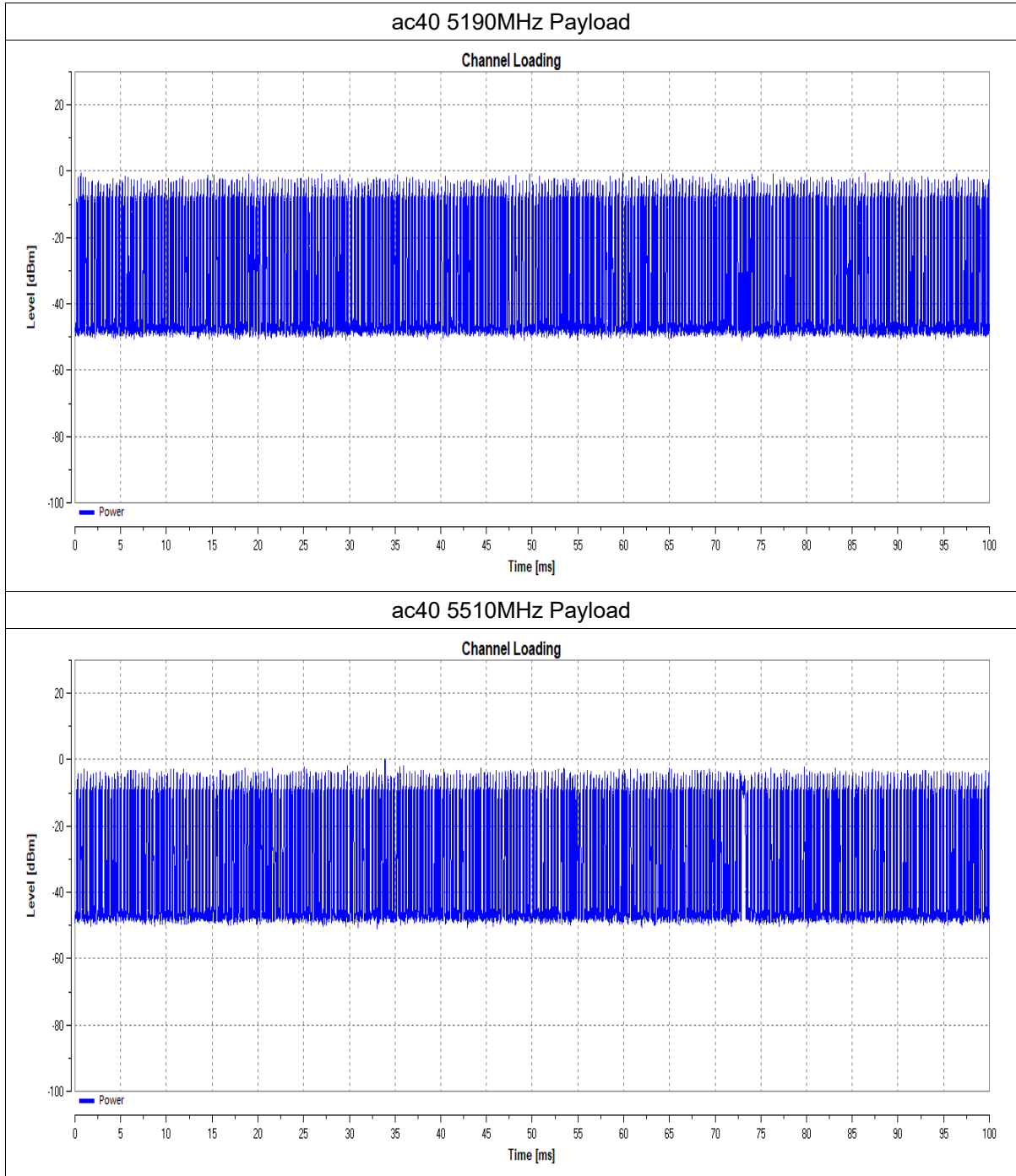


A.6. Dynamic Frequency Selection

Payload

Mode	Frequency (MHz)	Result	Verdict
a	5320	36.68	Pass
a	5500	38.53	Pass
ac40	5190	36.37	Pass
ac40	5510	37.34	Pass

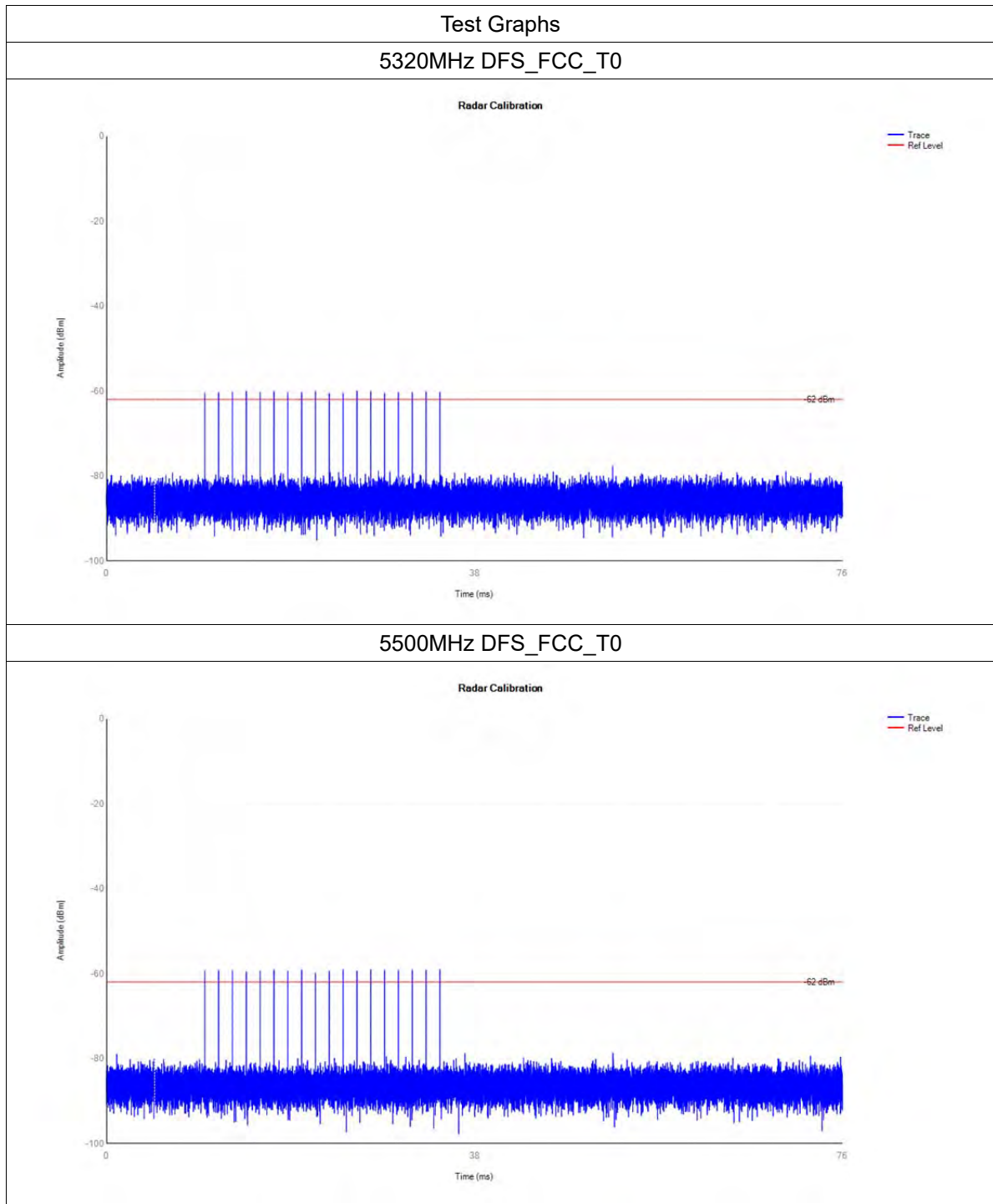


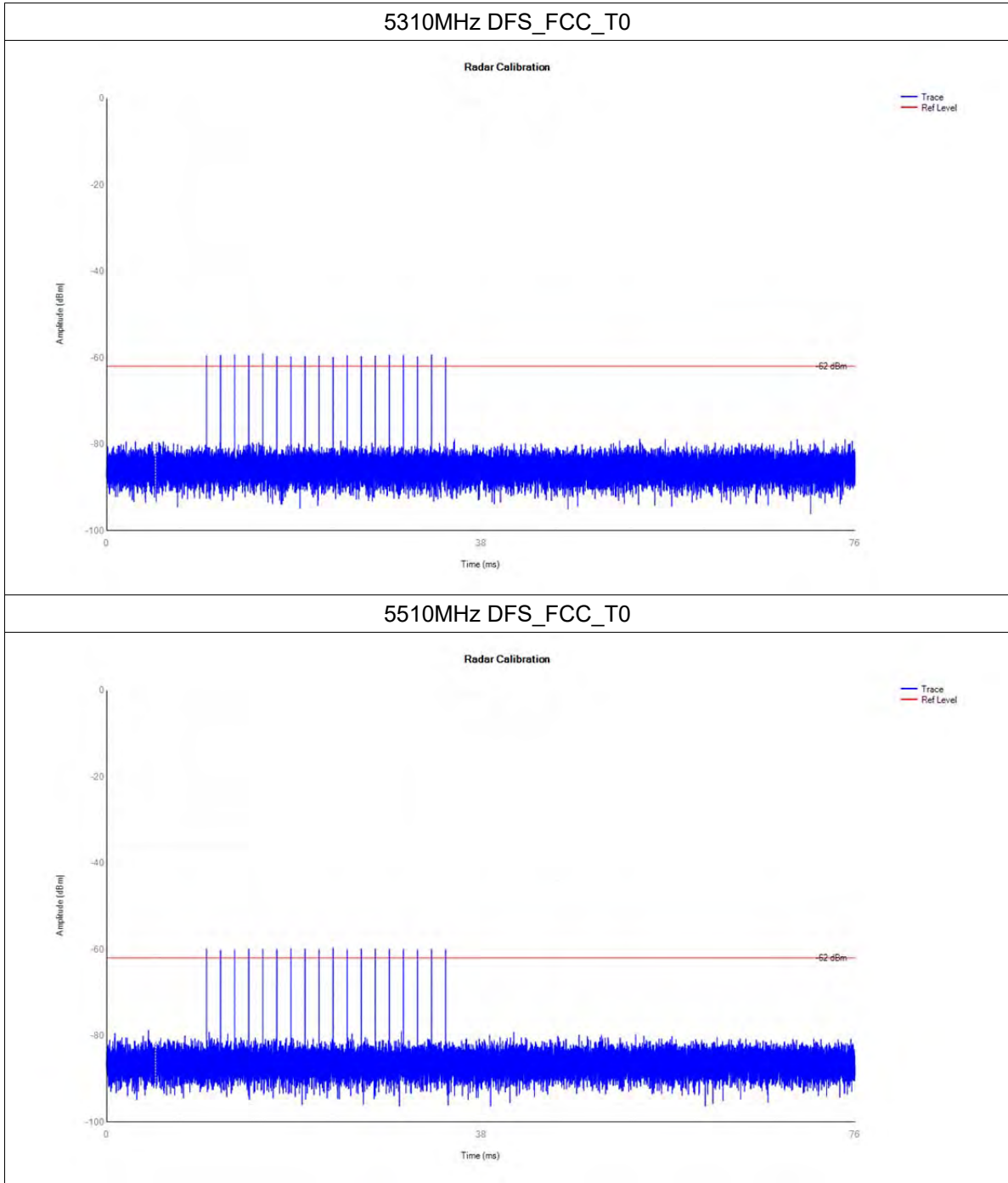




Calibration

Mode	Frequency (MHz)	Type	Result	Verdict
a	5320	DFS_FCC_T0	See test Graph	Pass
a	5500	DFS_FCC_T0	See test Graph	Pass
ac40	5310	DFS_FCC_T0	See test Graph	Pass
ac40	5510	DFS_FCC_T0	See test Graph	Pass





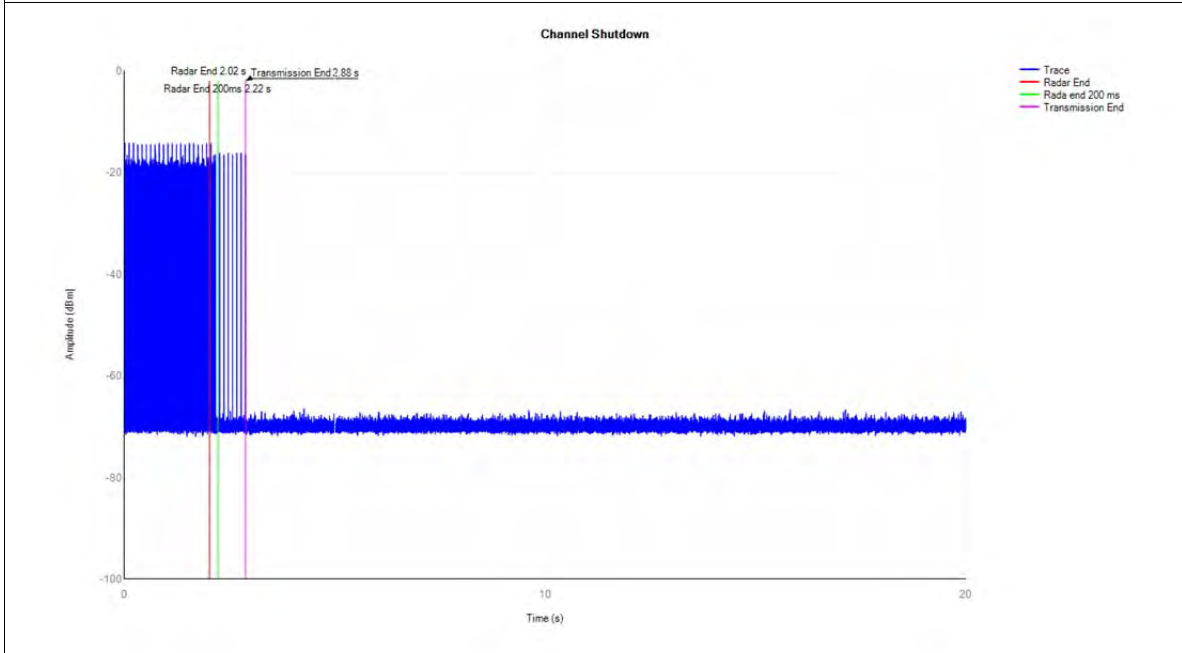


Channel Move Time and Channel Closing Transmission Time

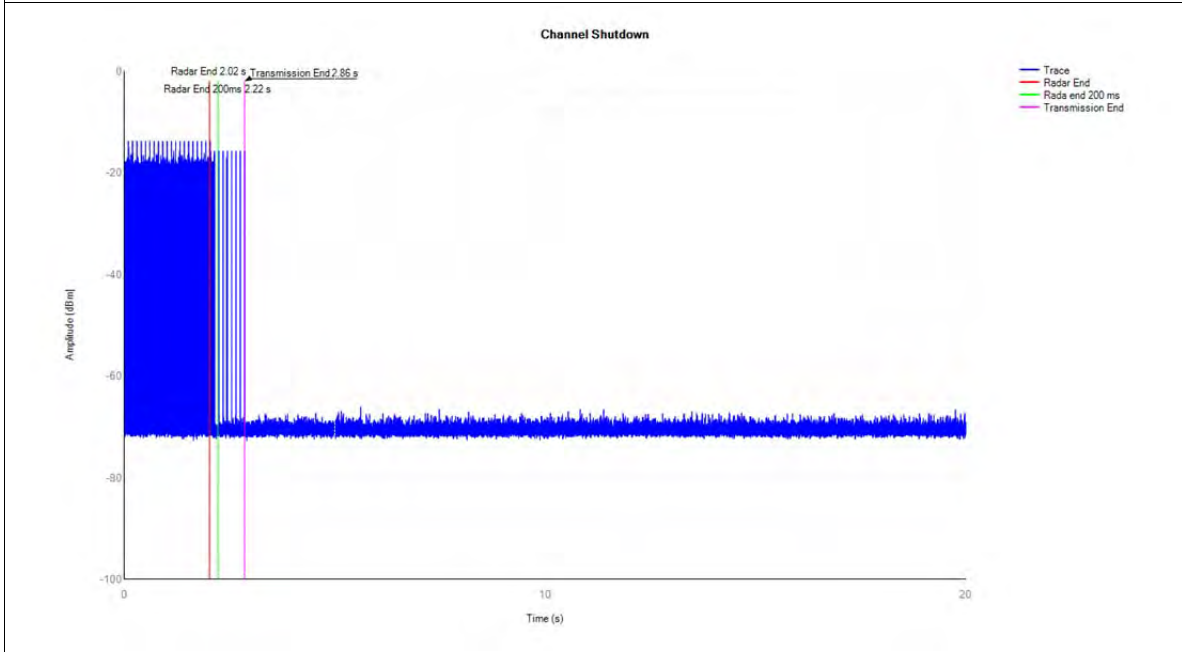
Mode	Frequency (MHz)	Channel Move Time (s)	Limit Channel Move Time (s)	Close Transmission Time (s)	Limit Close Transmission Time (s)	Close Transmission Time after 200ms(s)	Limit Close Transmission Time after 200ms (s)	Verdict
a	5320	0.856	10	0.067	0.26	0.011	0.06	Pass
a	5500	0.836	10	0.059	0.26	0.009	0.06	Pass
ac40	5310	0.875	10	0.063	0.26	0.008	0.06	Pass
ac40	5510	0.938	10	0.077	0.26	0.016	0.06	Pass

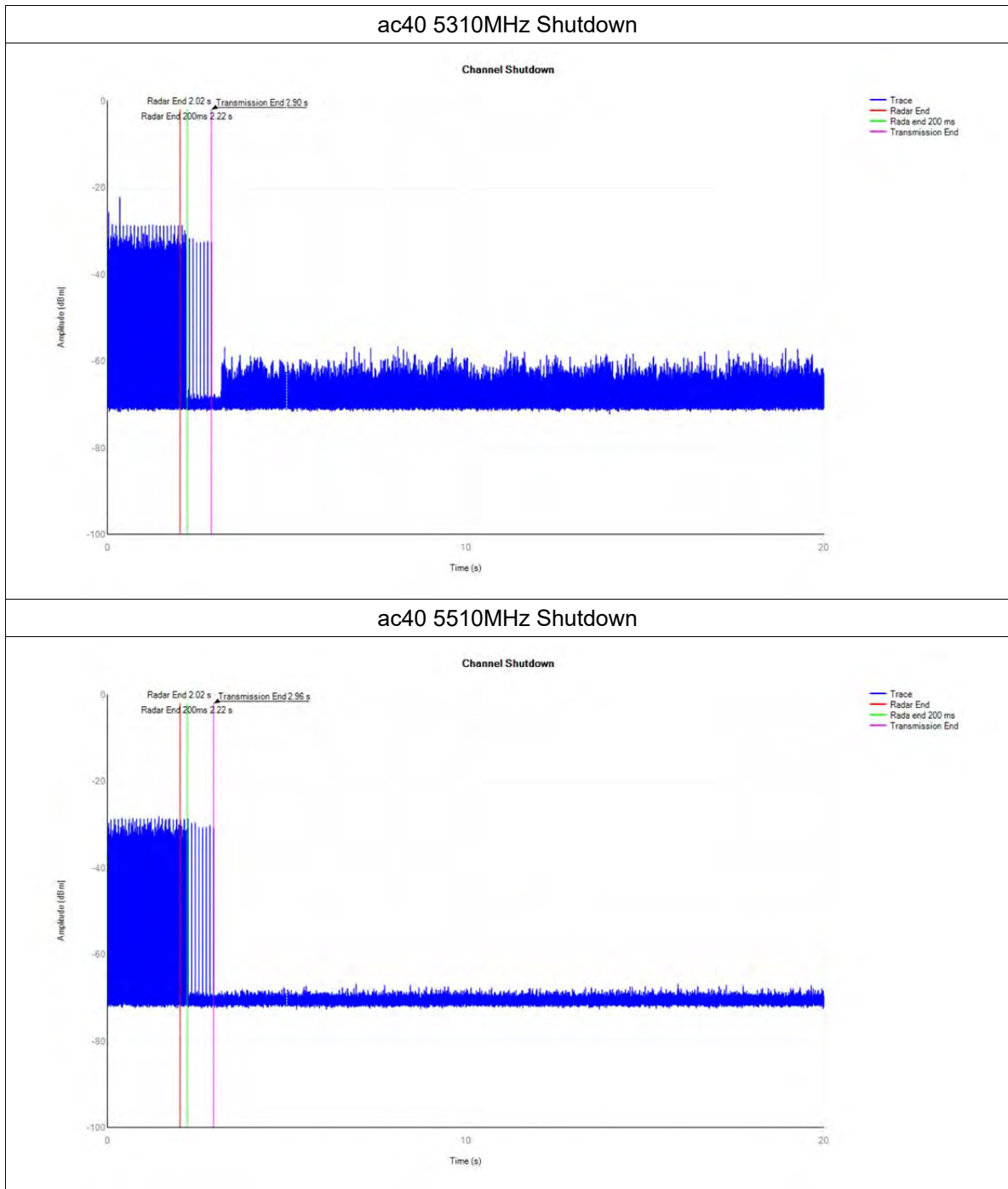
Test Graphs

a 5320MHz Shutdown



a 5500MHz Shutdown

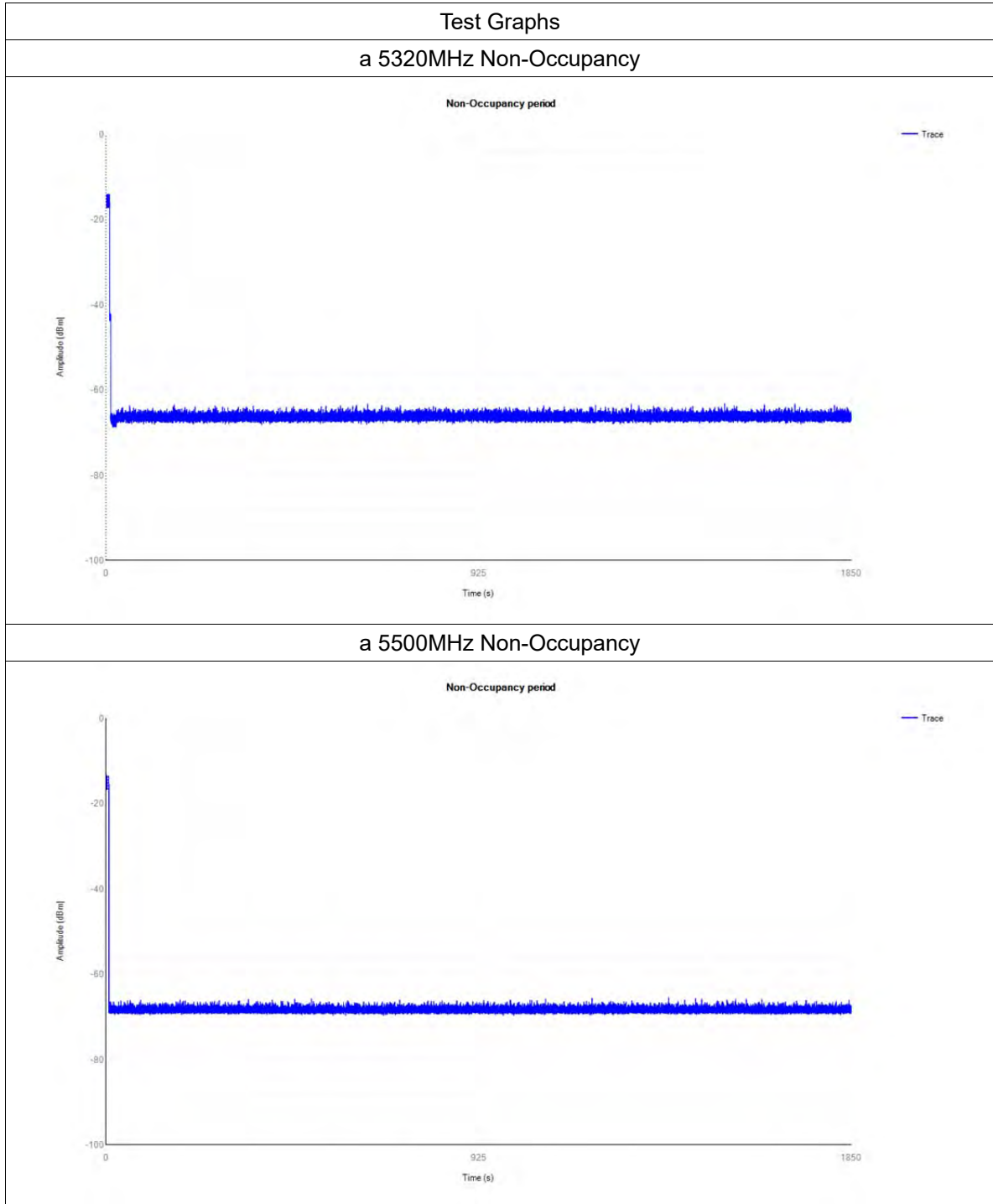






Non-Occupancy Period

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 + Earphone + WIFI TX

Test voltage: AC 120V/60Hz

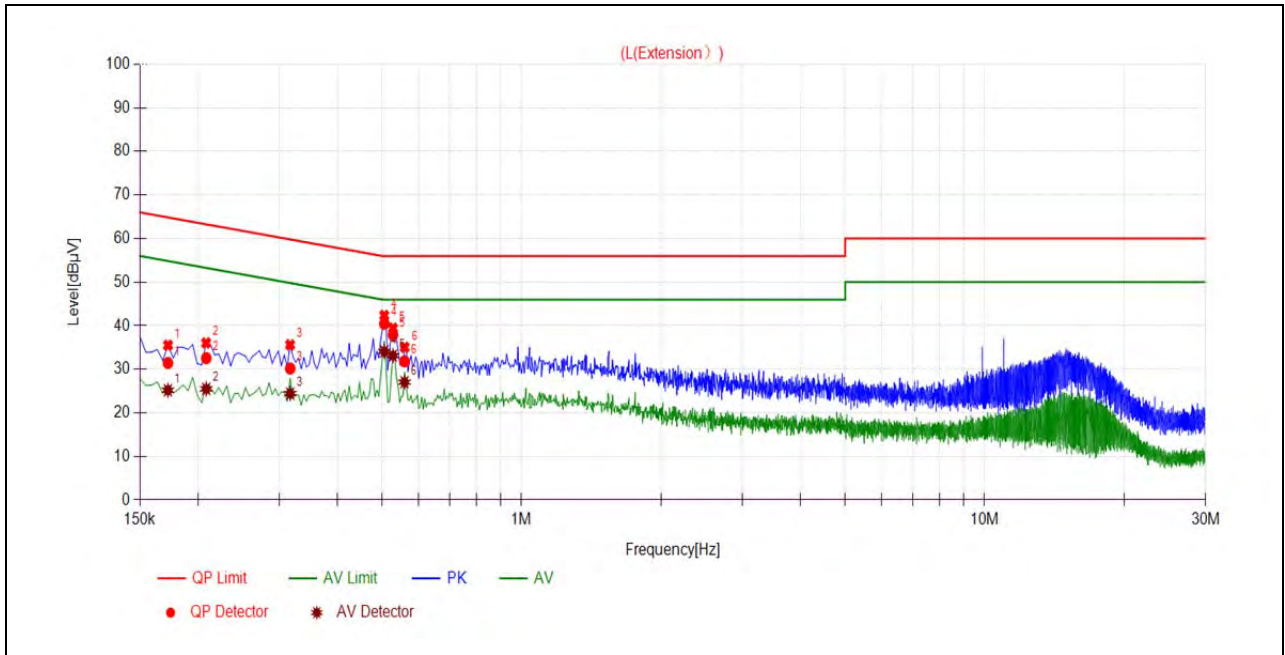
The measurement results are obtained as below:

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

U_R : Receiver Reading

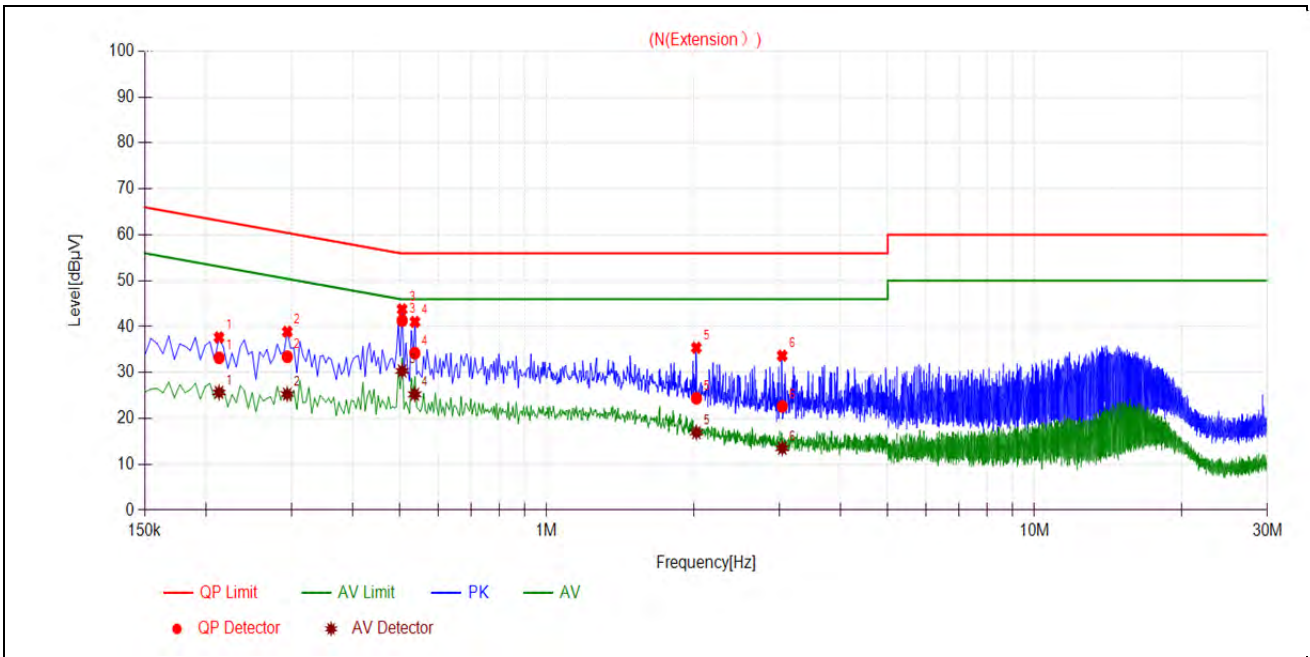
A_{Factor} : Voltage division factor of LISN

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	31.45	25.19	64.84	54.84	Line	PASS
2	0.2086	32.56	25.49	63.26	53.26		PASS
3	0.3167	30.16	24.42	59.79	49.79		PASS
4	0.5057	40.44	34.09	56.00	46.00		PASS
5	0.5278	37.89	33.12	56.00	46.00		PASS
6	0.5590	31.82	27.04	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	0.2130	33.20	25.67	63.09	53.09	Neutral	PASS
2	0.2939	33.45	25.29	60.41	50.41		PASS
3	0.5055	41.31	30.35	56.00	46.00		PASS
4	0.5365	34.23	25.25	56.00	46.00		PASS
5	2.0269	24.39	16.91	56.00	46.00		PASS
6	3.0392	22.62	13.51	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

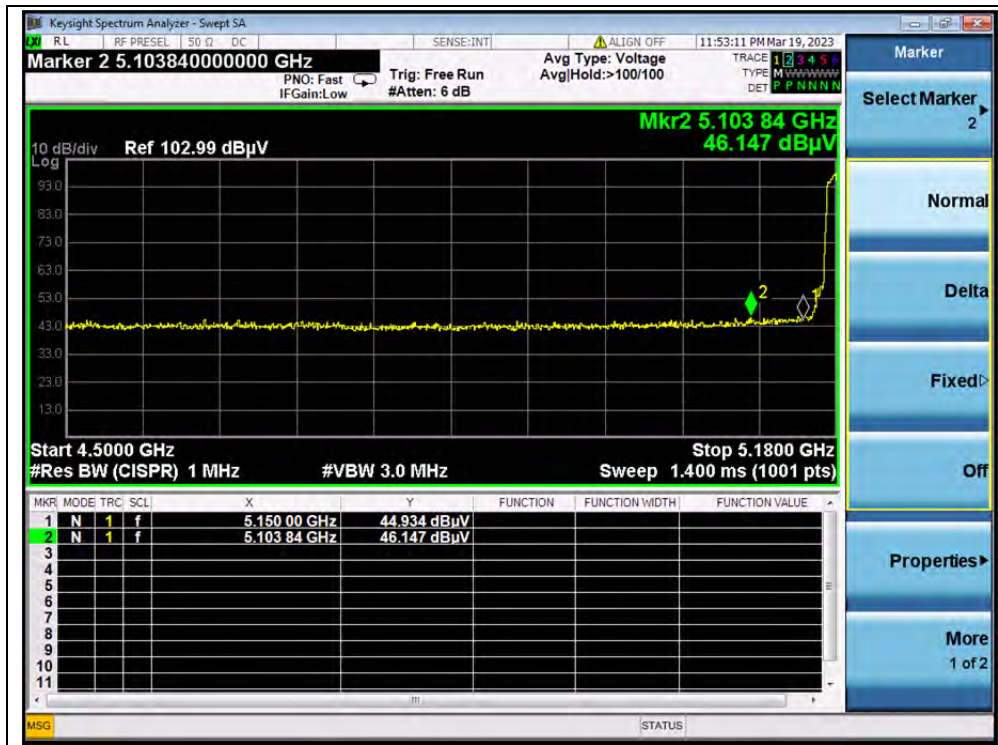
A_{Factor} : Antenna Factor at 3m

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.

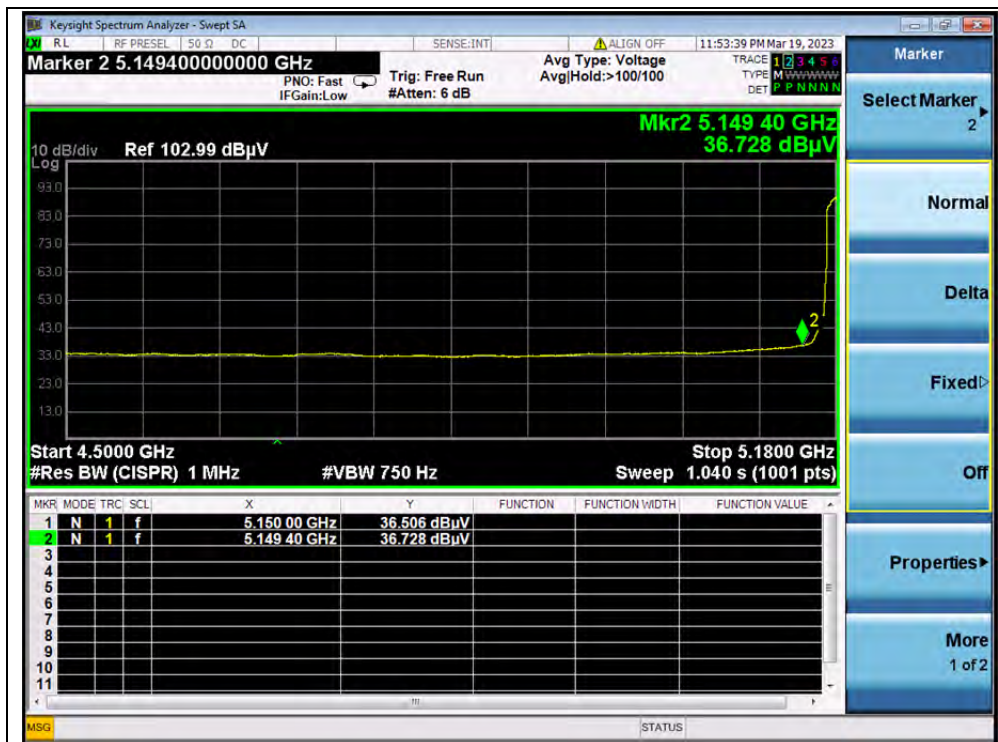
Note 2: All test modes and bandwidth were considered and evaluated respectively by performing full test, only the worst data were recorded for each bandwidth.

802.11a Mode

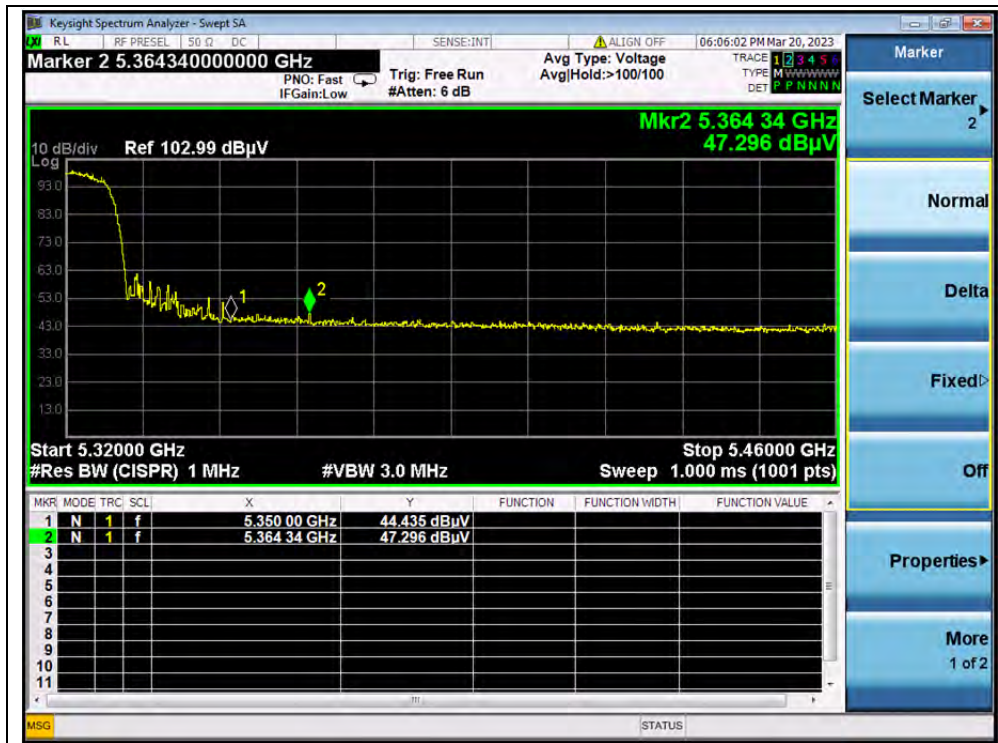
Channel	Frequency (MHz)	Detector	Receiver Reading	A_T (dB)	A_{Factor} (dB@3m)	Max. Emission E (dB μ V/m)	Limit (dB μ V/m)	Verdict
		PK/ AV	U_R (dB μ V)					
36	5103.84	PK	46.15	-19.54	32.20	58.81	74	PASS
36	5149.40	AV	36.73	-19.54	32.20	49.39	54	PASS
64	5364.34	PK	47.30	-18.80	32.20	60.70	74	PASS
64	5350.48	AV	36.75	-18.80	32.20	50.15	54	PASS
100	5272.83	PK	46.25	-19.20	32.20	59.25	68.23	PASS
100	5458.98	AV	35.69	-19.20	32.20	48.69	54	PASS
144	5734.70	PK	44.58	-19.20	32.20	57.58	68.23	PASS
149	5725.00	PK	46.45	-19.01	32.20	59.64	122.23	PASS
165	5855.00	PK	42.79	-19.01	32.20	55.98	110.83	PASS



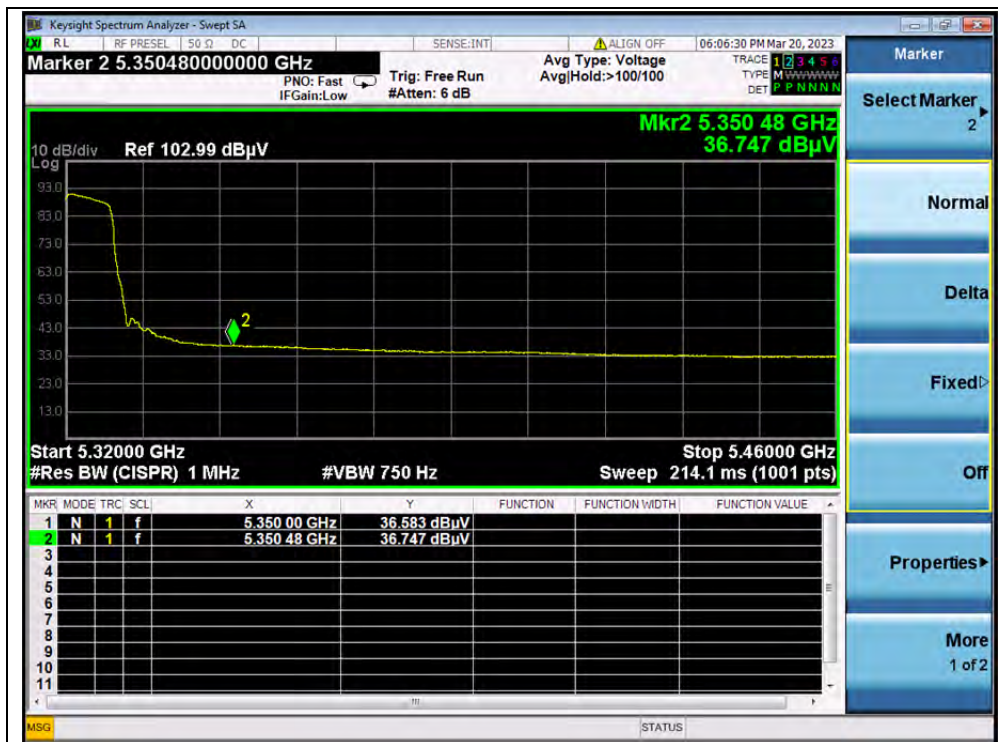
(PEAK, Channel 36, 802.11a)



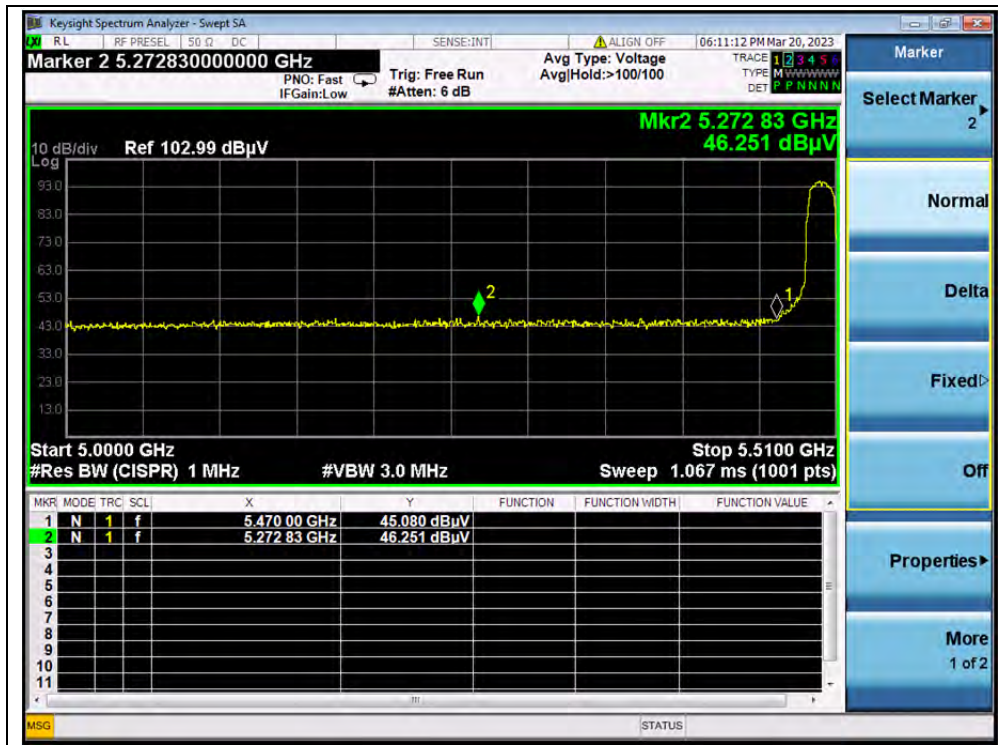
(AVERAGE, Channel 36, 802.11a)



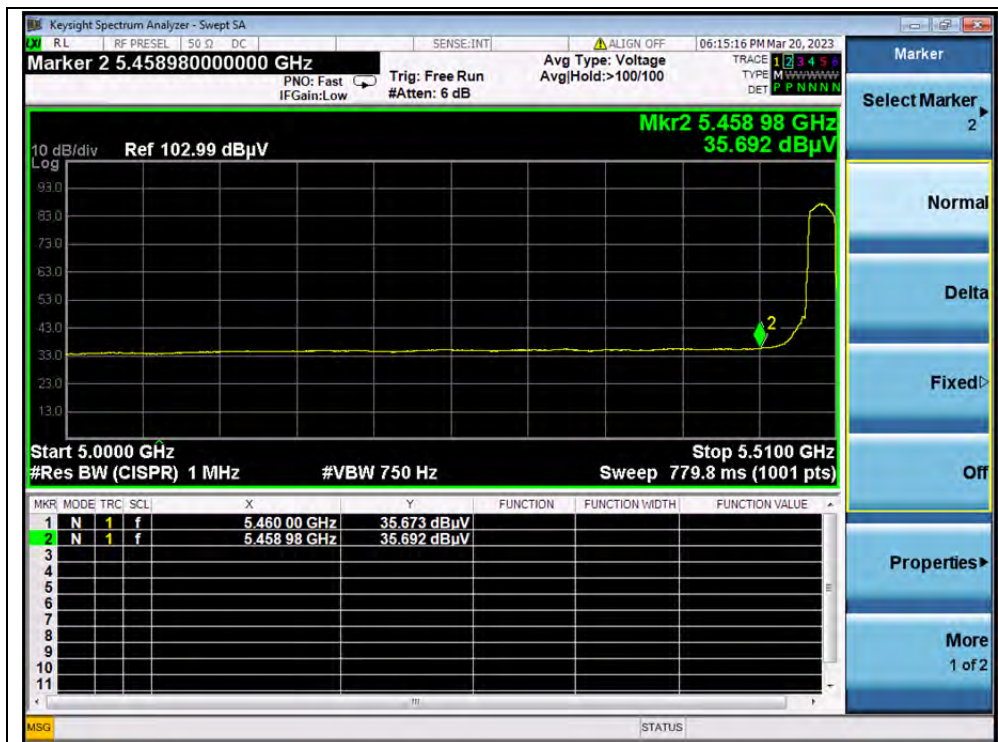
(PEAK, Channel 64, 802.11a)



(AVERAGE, Channel 64, 802.11a)



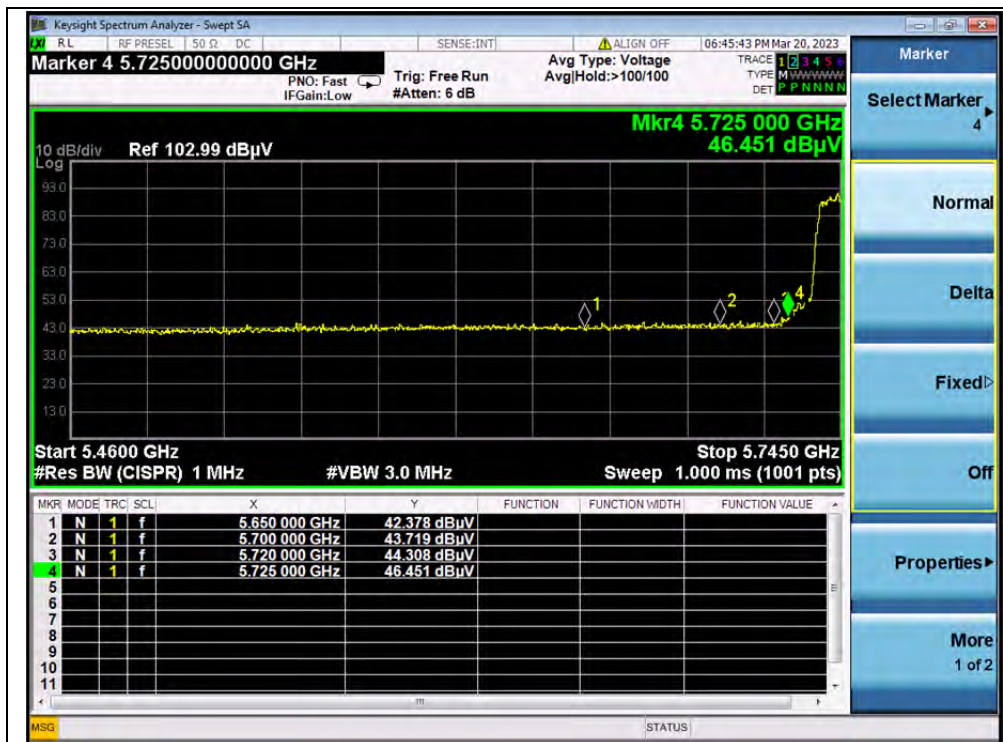
(PEAK, Channel 100, 802.11a)



(AVERAGE, Channel 100, 802.11a)



(PEAK, Channel 144, 802.11a)

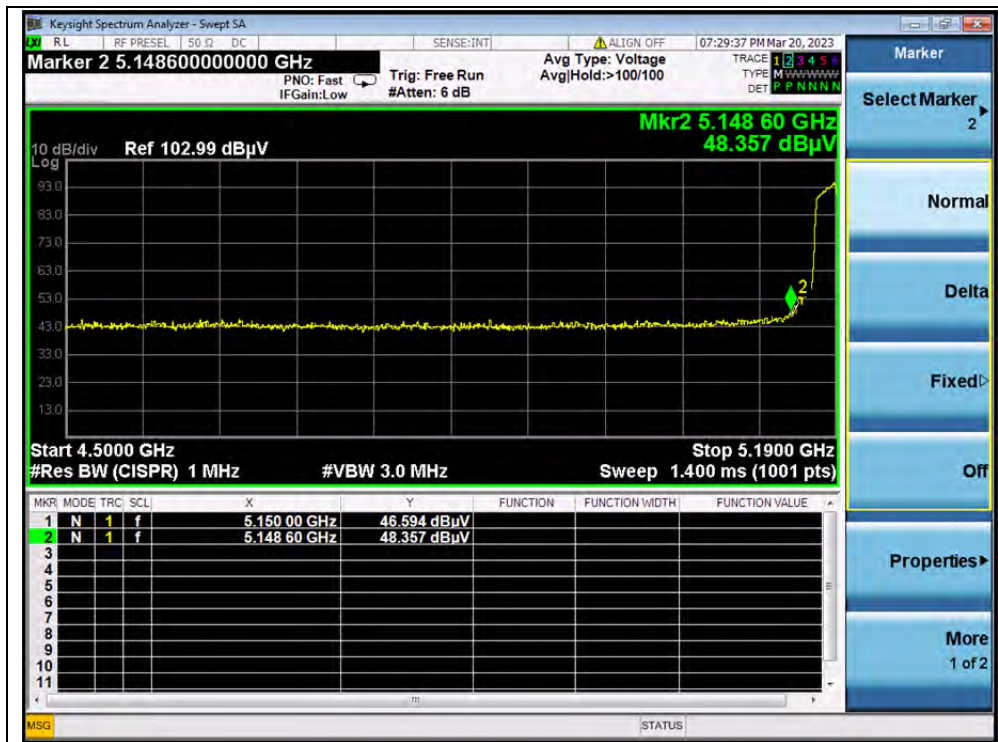


(PEAK, Channel 149, 802.11a)

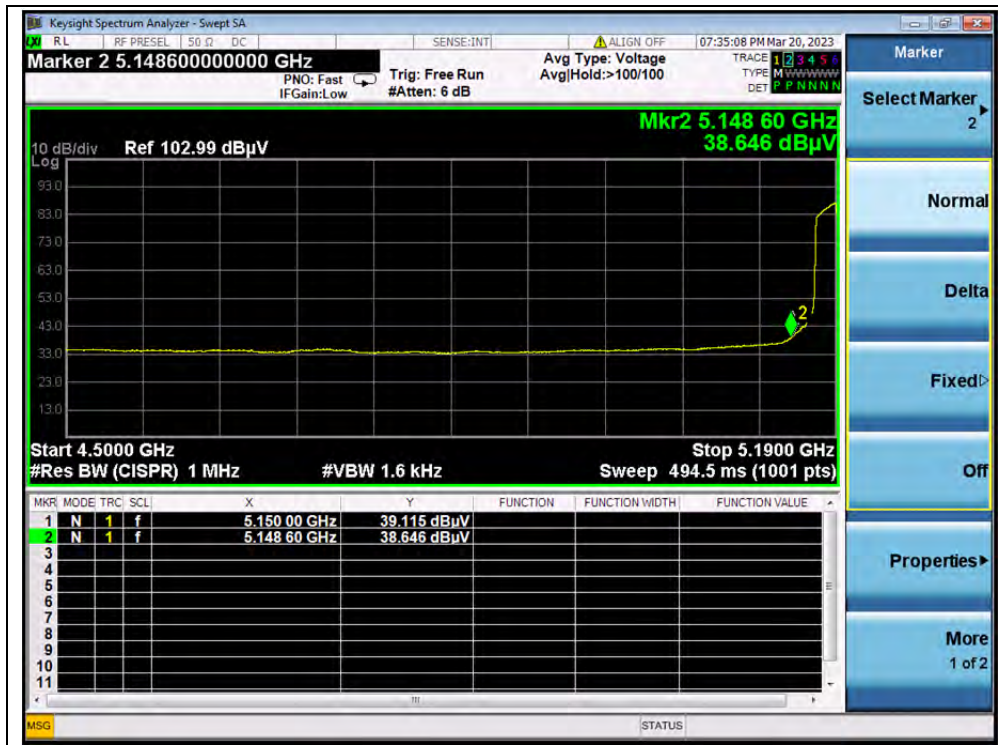


802.11n (HT40) Mode

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	5148.60	PK	48.36	-19.54	32.20	61.02	74	PASS
38	5150.00	AV	39.12	-19.54	32.20	51.78	54	PASS
62	5352.34	PK	53.07	-18.80	32.20	66.47	74	PASS
62	5350.52	AV	37.30	-18.80	32.20	50.70	54	PASS
102	5465.10	PK	48.95	-19.20	32.20	61.95	68.23	PASS
102	5459.49	AV	37.33	-19.20	32.20	50.33	54	PASS
142	5744.03	PK	44.67	-19.20	32.20	57.67	68.23	PASS
151	5725.00	PK	55.11	-19.01	32.20	68.30	122.23	PASS
159	5855.00	PK	43.68	-19.01	32.20	56.87	110.83	PASS



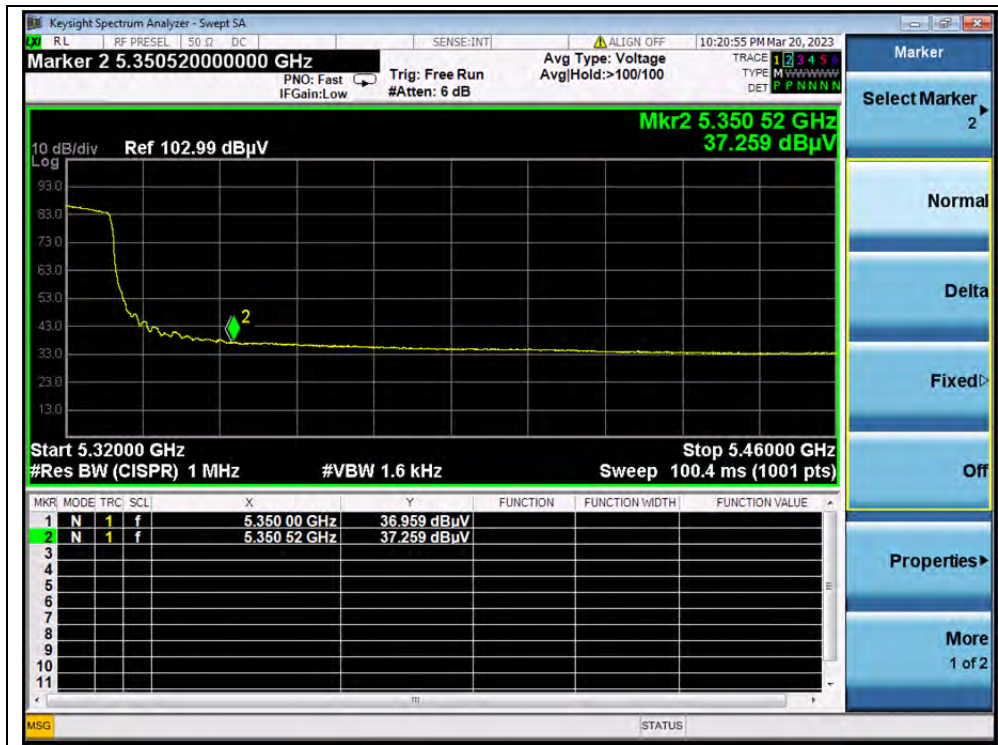
(PEAK, Channel 38, 802.11n (HT40))



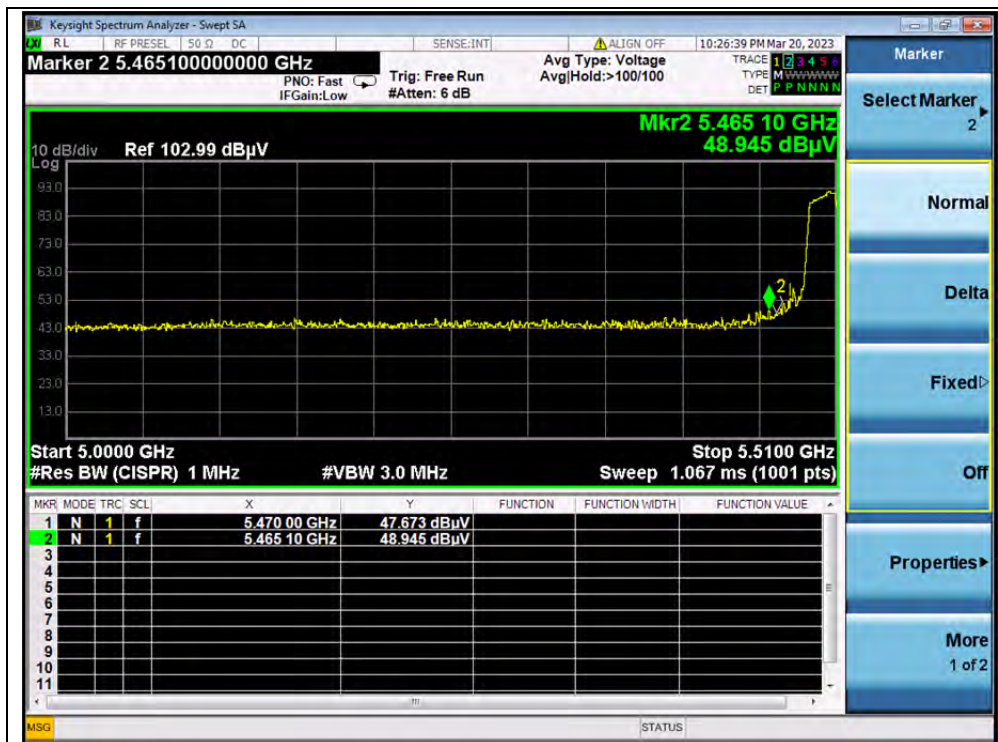
(AVERAGE, Channel 38, 802.11n (HT40))



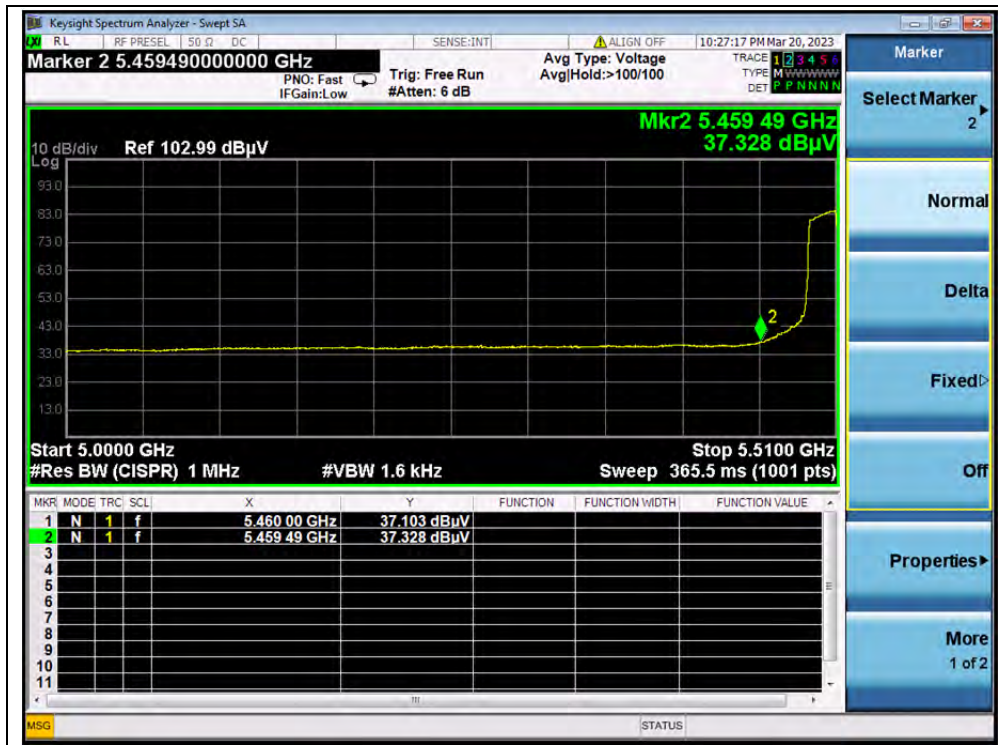
(PEAK, Channel 62, 802.11n (HT40))



(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))



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.

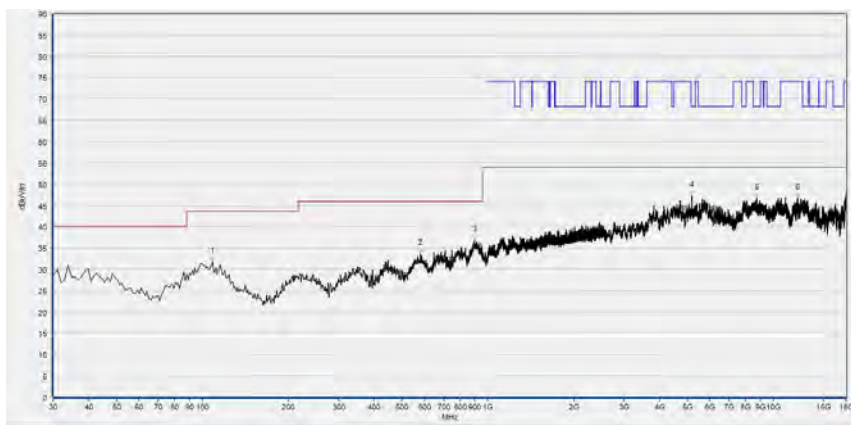
Note2: For the frequency, which started from 9kHz to 30MHz, was pre-scanned and the result which was 20dB lower than the limit was not recorded.

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.

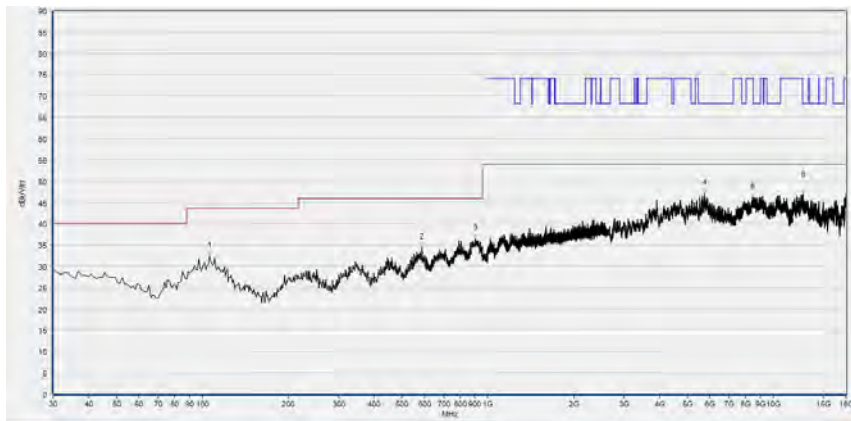
802.11a Mode

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
108.649	31.80	N/A	N/A	N/A	43.50	N/A	Horizontal	PASS
581.512	33.69	N/A	N/A	N/A	46.00	N/A	Horizontal	PASS
897.077	36.95	N/A	N/A	N/A	46.00	N/A	Horizontal	PASS
5181.556	47.30	N/A	N/A	68.23	N/A	N/A	Horizontal	PASS
8773.555	46.68	N/A	N/A	68.23	N/A	N/A	Horizontal	PASS
12149.910	46.73	N/A	N/A	74.00	N/A	54.00	Horizontal	PASS

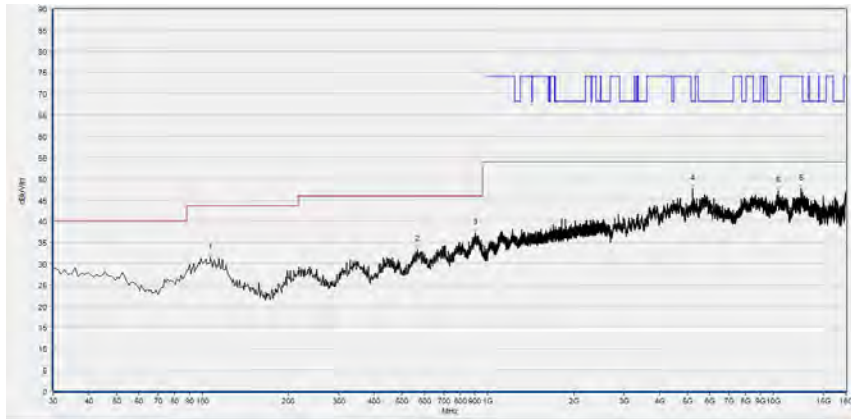
(Antenna Horizontal, 30MHz to 18GHz)



Fre. (MHz)	PK (dBμV/m)	QP (dBμV/m)	AV (dBμV/m)	Limit-PK (dBμV/m)	Limit-QP (dBμV/m)	Limit-AV (dBμV/m)	Antenna	Verdict
105.736	32.27	N/A	N/A	N/A	43.50	N/A	Vertical	PASS
588.308	34.28	N/A	N/A	N/A	46.00	N/A	Vertical	PASS
905.816	36.48	N/A	N/A	N/A	46.00	N/A	Vertical	PASS
5757.632	47.15	N/A	N/A	68.23	N/A	N/A	Vertical	PASS
8440.848	46.26	N/A	N/A	74.00	N/A	54.00	Vertical	PASS
12710.582	46.99	N/A	N/A	68.23	N/A	N/A	Vertical	PASS

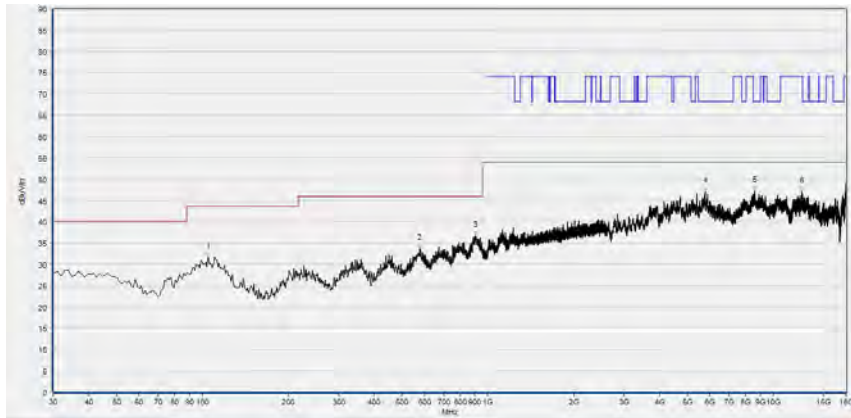
(Antenna Vertical, 30MHz to 18GHz)

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
106.707	31.42	N/A	N/A	N/A	43.50	N/A	Horizontal	PASS
567.918	33.34	N/A	N/A	N/A	46.00	N/A	Horizontal	PASS
905.816	37.28	N/A	N/A	N/A	46.00	N/A	Horizontal	PASS
5218.524	47.64	N/A	N/A	68.23	N/A	N/A	Horizontal	PASS
10387.798	47.14	N/A	N/A	68.23	N/A	N/A	Horizontal	PASS
12491.858	47.54	N/A	N/A	74.00	N/A	54.00	Horizontal	PASS

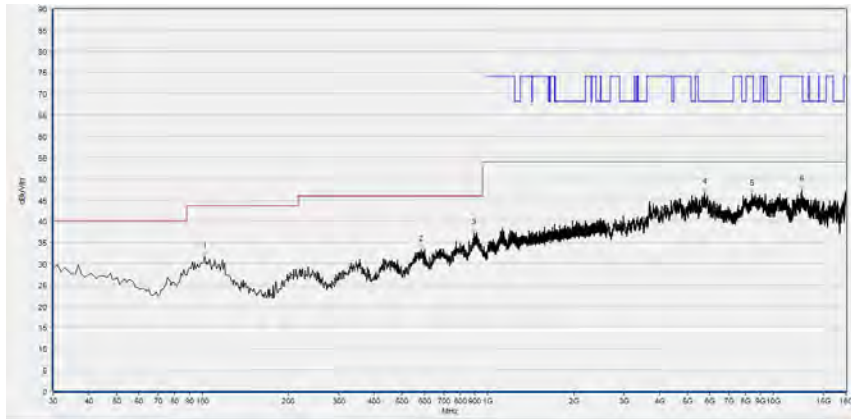
(Antenna Horizontal, 30MHz to 18GHz)



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
104.765	31.75	N/A	N/A	N/A	43.50	N/A	Vertical	PASS
577.628	33.63	N/A	N/A	N/A	46.00	N/A	Vertical	PASS
904.845	36.76	N/A	N/A	N/A	46.00	N/A	Vertical	PASS
5769.954	47.01	N/A	N/A	68.23	N/A	N/A	Vertical	PASS
8622.605	47.24	N/A	N/A	68.23	N/A	N/A	Vertical	PASS
12590.438	47.03	N/A	N/A	74.00	N/A	54.00	Vertical	PASS

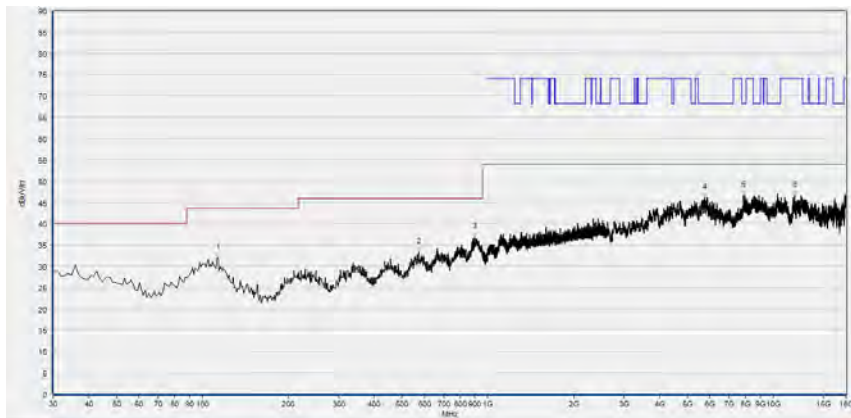
(Antenna Vertical, 30MHz to 18GHz)

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
101.852	31.60	N/A	N/A	N/A	43.50	N/A	Horizontal	PASS
582.482	33.27	N/A	N/A	N/A	46.00	N/A	Horizontal	PASS
895.135	37.17	N/A	N/A	N/A	46.00	N/A	Horizontal	PASS
5748.390	46.82	N/A	N/A	68.23	N/A	N/A	Horizontal	PASS
8422.364	46.40	N/A	N/A	74.00	N/A	54.00	Horizontal	PASS
12605.841	47.49	N/A	N/A	74.00	N/A	54.00	Horizontal	PASS

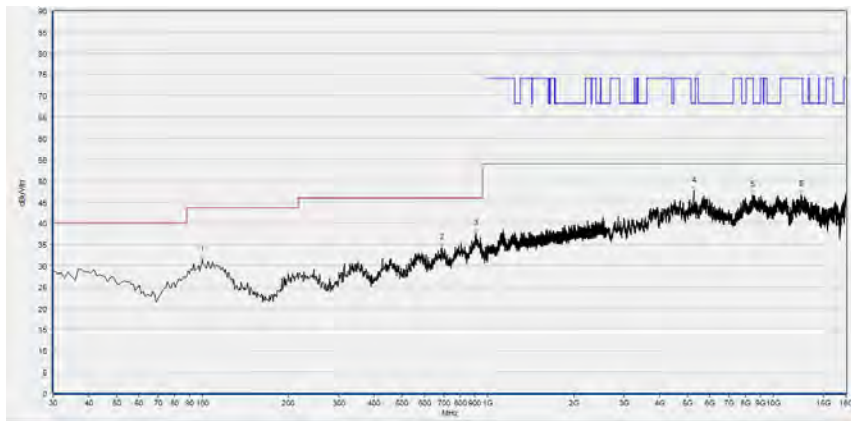
(Antenna Horizontal, 30MHz to 18GHz)



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
113.504	31.94	N/A	N/A	N/A	43.50	N/A	Vertical	PASS
572.773	33.35	N/A	N/A	N/A	46.00	N/A	Vertical	PASS
899.019	36.83	N/A	N/A	N/A	46.00	N/A	Vertical	PASS
5751.470	46.13	N/A	N/A	68.23	N/A	N/A	Vertical	PASS
7870.934	46.55	N/A	N/A	68.23	N/A	N/A	Vertical	PASS
11875.735	46.64	N/A	N/A	74.00	N/A	54.00	Vertical	PASS

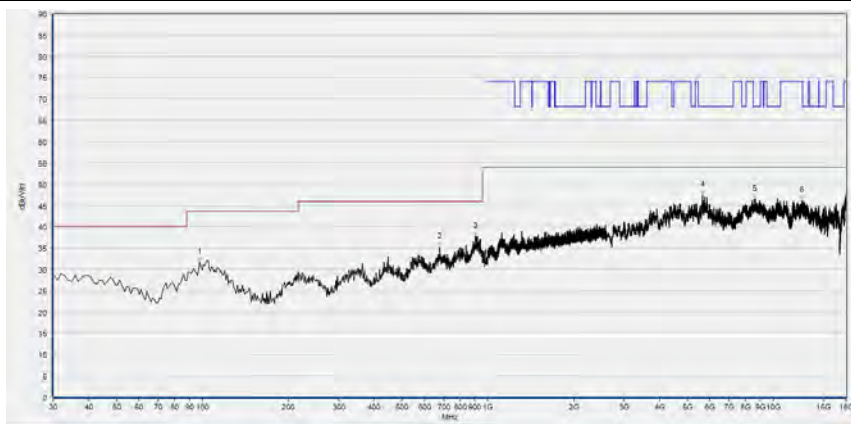
(Antenna Vertical, 30MHz to 18GHz)

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
99.910	31.27	N/A	N/A	N/A	43.50	N/A	Horizontal	PASS
691.231	34.24	N/A	N/A	N/A	46.00	N/A	Horizontal	PASS
911.642	37.57	N/A	N/A	N/A	46.00	N/A	Horizontal	PASS
5261.652	47.52	N/A	N/A	68.23	N/A	N/A	Horizontal	PASS
8456.251	46.54	N/A	N/A	74.00	N/A	54.00	Horizontal	PASS
12510.342	46.77	N/A	N/A	74.00	N/A	54.00	Horizontal	PASS

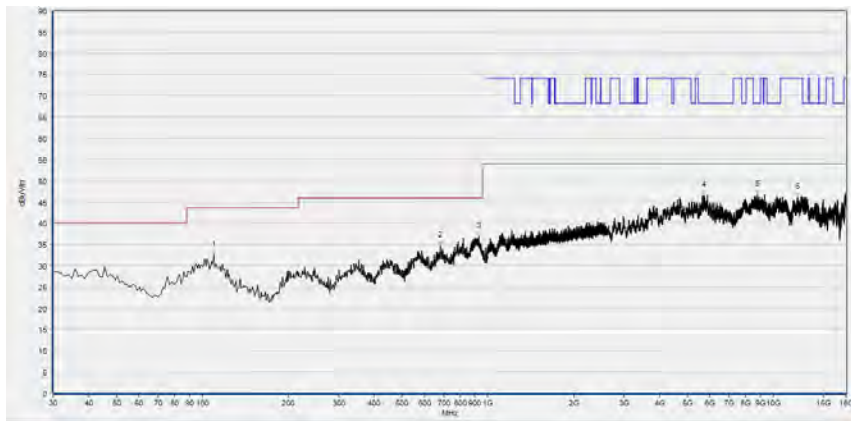
(Antenna Horizontal, 30MHz to 18GHz)



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
97.968	31.71	N/A	N/A	N/A	43.50	N/A	Vertical	PASS
678.609	35.25	N/A	N/A	N/A	46.00	N/A	Vertical	PASS
901.932	37.68	N/A	N/A	N/A	46.00	N/A	Vertical	PASS
5643.649	47.51	N/A	N/A	68.23	N/A	N/A	Vertical	PASS
8616.443	46.49	N/A	N/A	68.23	N/A	N/A	Vertical	PASS
12565.793	46.12	N/A	N/A	74.00	N/A	54.00	Vertical	PASS

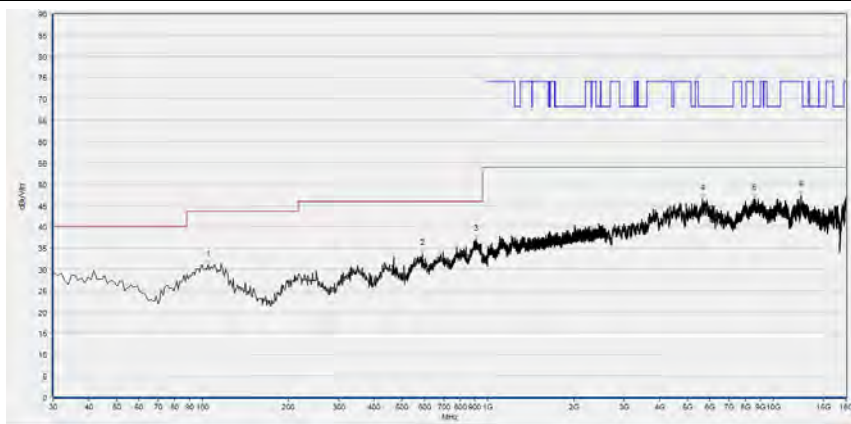
(Antenna Vertical, 30MHz to 18GHz)

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
109.620	32.59	N/A	N/A	N/A	43.50	N/A	Horizontal	PASS
681.522	34.67	N/A	N/A	N/A	46.00	N/A	Horizontal	PASS
928.148	36.92	N/A	N/A	N/A	46.00	N/A	Horizontal	PASS
5732.987	46.64	N/A	N/A	68.23	N/A	N/A	Horizontal	PASS
8785.877	46.80	N/A	N/A	68.23	N/A	N/A	Horizontal	PASS
12156.071	46.16	N/A	N/A	74.00	N/A	54.00	Horizontal	PASS

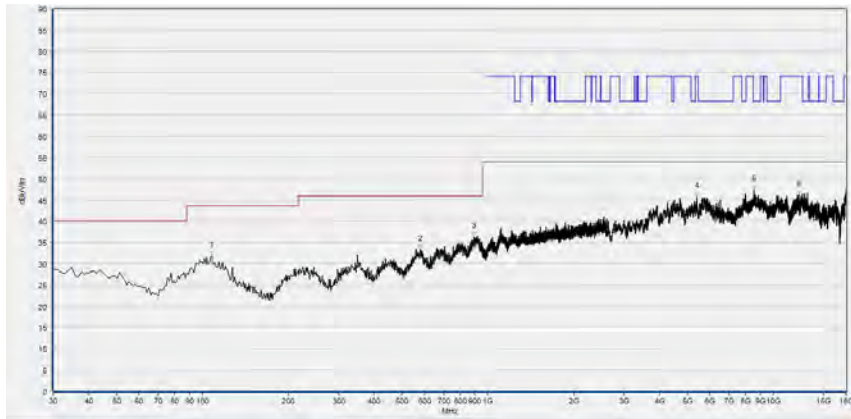
(Antenna Horizontal, 30MHz to 18GHz)



Fre. (MHz)	PK (dBµV/m)	QP (dBµV/m)	AV (dBµV/m)	Limit-PK (dBµV/m)	Limit-QP (dBµV/m)	Limit-AV (dBµV/m)	Antenna	Verdict
104.765	31.02	N/A	N/A	N/A	43.50	N/A	Vertical	PASS
589.279	33.65	N/A	N/A	N/A	46.00	N/A	Vertical	PASS
908.729	37.07	N/A	N/A	N/A	46.00	N/A	Vertical	PASS
5659.052	46.58	N/A	N/A	68.23	N/A	N/A	Vertical	PASS
8579.476	46.63	N/A	N/A	68.23	N/A	N/A	Vertical	PASS
12522.665	47.36	N/A	N/A	74.00	N/A	54.00	Vertical	PASS

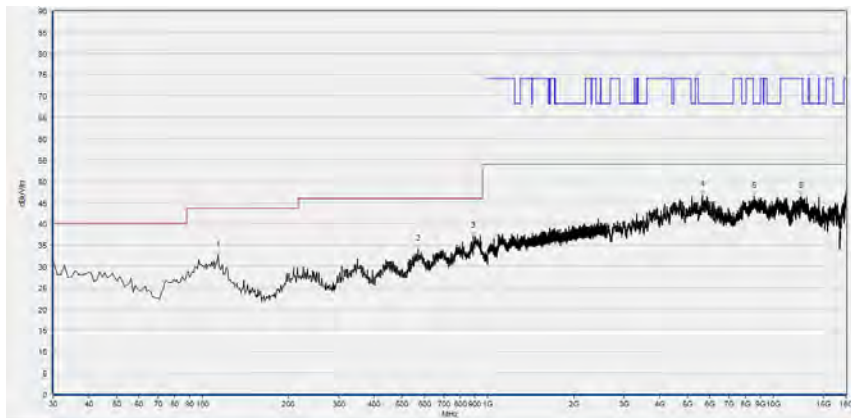
(Antenna Vertical, 30MHz to 18GHz)

Plot for Channel 64



Fre. (MHz)	PK (dBµV/m)	QP (dBµV/m)	AV (dBµV/m)	Limit-PK (dBµV/m)	Limit-QP (dBµV/m)	Limit-AV (dBµV/m)	Antenna	Verdict
107.678	31.81	N/A	N/A	N/A	43.50	N/A	Horizontal	PASS
580.541	33.36	N/A	N/A	N/A	46.00	N/A	Horizontal	PASS
893.193	36.38	N/A	N/A	N/A	46.00	N/A	Horizontal	PASS
5384.877	45.76	N/A	N/A	74.00	N/A	54.00	Horizontal	PASS
8564.073	47.39	N/A	N/A	68.23	N/A	N/A	Horizontal	PASS
12282.376	46.24	N/A	N/A	74.00	N/A	54.00	Horizontal	PASS

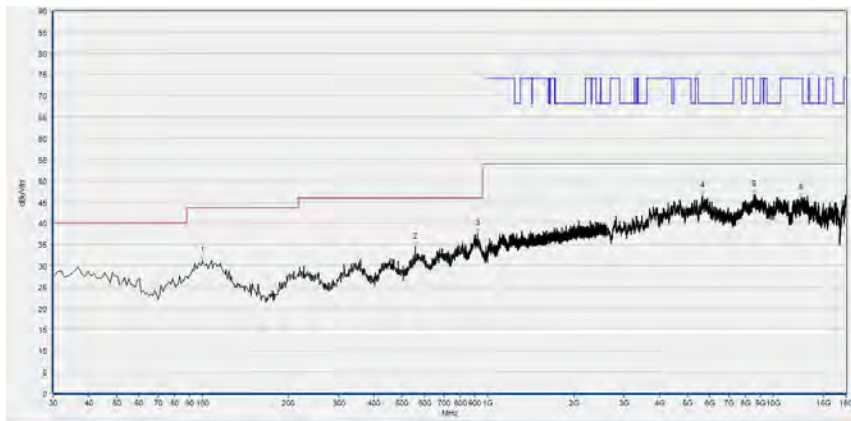
(Antenna Horizontal, 30MHz to 18GHz)



Fre. (MHz)	PK (dBµV/m)	QP (dBµV/m)	AV (dBµV/m)	Limit-PK (dBµV/m)	Limit-QP (dBµV/m)	Limit-AV (dBµV/m)	Antenna	Verdict
113.504	32.54	N/A	N/A	N/A	43.50	N/A	Vertical	PASS
570.831	34.09	N/A	N/A	N/A	46.00	N/A	Vertical	PASS
891.251	37.10	N/A	N/A	N/A	46.00	N/A	Vertical	PASS
5640.568	46.71	N/A	N/A	68.23	N/A	N/A	Vertical	PASS
8573.315	46.44	N/A	N/A	68.23	N/A	N/A	Vertical	PASS
12494.939	46.39	N/A	N/A	74.00	N/A	54.00	Vertical	PASS

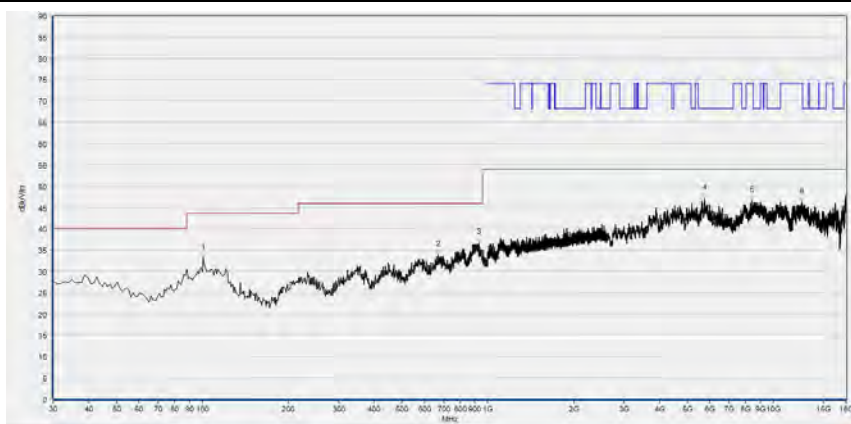
(Antenna Vertical, 30MHz to 18GHz)

Plot for Channel 100



Fre. (MHz)	PK (dBµV/m)	QP (dBµV/m)	AV (dBµV/m)	Limit-PK (dBµV/m)	Limit-QP (dBµV/m)	Limit-AV (dBµV/m)	Antenna	Verdict
99.910	31.09	N/A	N/A	N/A	43.50	N/A	Horizontal	PASS
557.237	34.32	N/A	N/A	N/A	46.00	N/A	Horizontal	PASS
921.351	37.62	N/A	N/A	N/A	46.00	N/A	Horizontal	PASS
5643.649	46.34	N/A	N/A	68.23	N/A	N/A	Horizontal	PASS
8570.234	46.72	N/A	N/A	68.23	N/A	N/A	Horizontal	PASS
12553.471	45.96	N/A	N/A	74.00	N/A	54.00	Horizontal	PASS

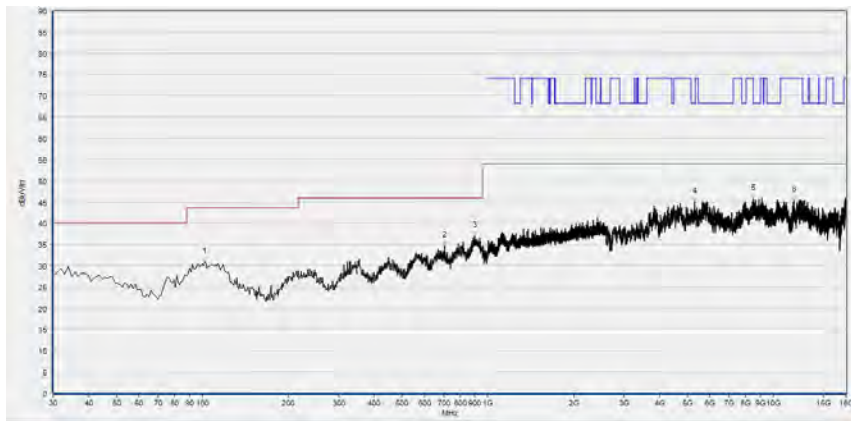
(Antenna Horizontal, 30MHz to 18GHz)



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
100.881	33.23	N/A	N/A	N/A	43.50	N/A	Vertical	PASS
671.812	33.78	N/A	N/A	N/A	46.00	N/A	Vertical	PASS
929.119	36.69	N/A	N/A	N/A	46.00	N/A	Vertical	PASS
5751.470	47.08	N/A	N/A	68.23	N/A	N/A	Vertical	PASS
8413.123	46.60	N/A	N/A	74.00	N/A	54.00	Vertical	PASS
12596.599	46.24	N/A	N/A	74.00	N/A	54.00	Vertical	PASS

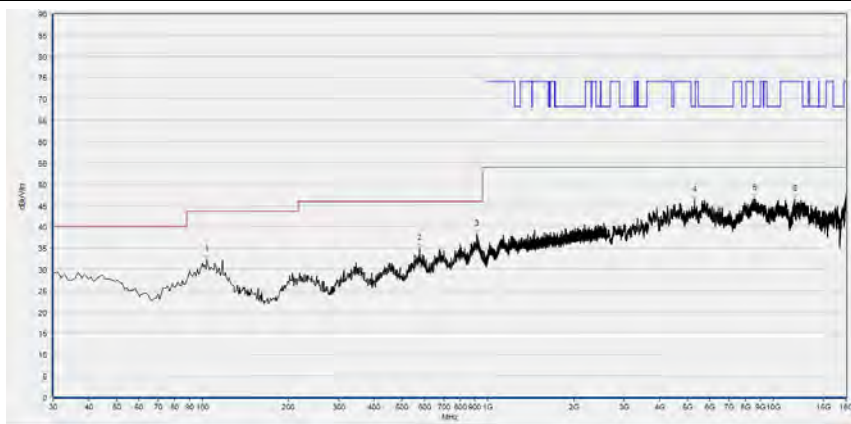
(Antenna Vertical, 30MHz to 18GHz)

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
101.852	30.90	N/A	N/A	N/A	43.50	N/A	Horizontal	PASS
705.796	34.63	N/A	N/A	N/A	46.00	N/A	Horizontal	PASS
900.961	37.10	N/A	N/A	N/A	46.00	N/A	Horizontal	PASS
5298.620	45.01	N/A	N/A	68.23	N/A	N/A	Horizontal	PASS
8508.622	45.79	N/A	N/A	68.23	N/A	N/A	Horizontal	PASS
11838.768	45.47	N/A	N/A	74.00	N/A	54.00	Horizontal	PASS

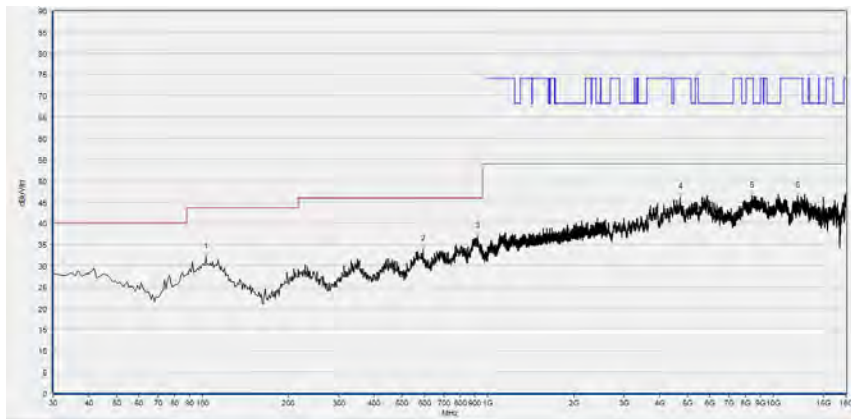
(Antenna Horizontal, 30MHz to 18GHz)



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
103.794	32.11	N/A	N/A	N/A	43.50	N/A	Vertical	PASS
576.657	34.89	N/A	N/A	N/A	46.00	N/A	Vertical	PASS
914.555	38.19	N/A	N/A	N/A	46.00	N/A	Vertical	PASS
5304.781	46.30	N/A	N/A	68.23	N/A	N/A	Vertical	PASS
8625.685	46.56	N/A	N/A	68.23	N/A	N/A	Vertical	PASS
11860.332	46.40	N/A	N/A	74.00	N/A	54.00	Vertical	PASS

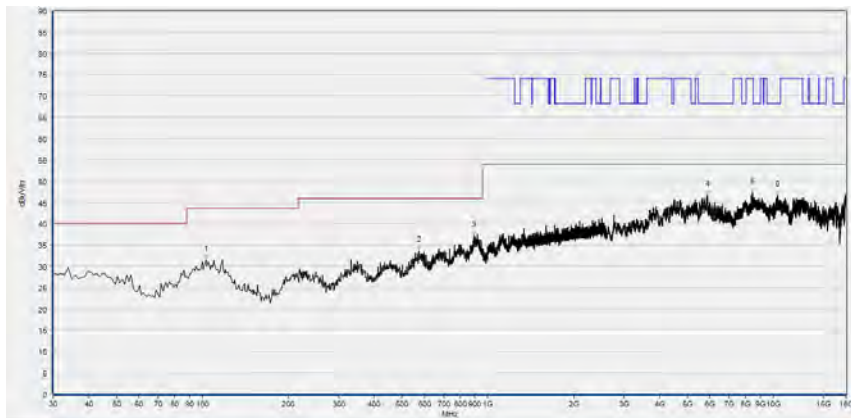
(Antenna Vertical, 30MHz to 18GHz)

Plot for Channel 144



Fre. (MHz)	PK (dB μ V/m)	QP (dB μ V/m)	AV (dB μ V/m)	Limit-PK (dB μ V/m)	Limit-QP (dB μ V/m)	Limit-AV (dB μ V/m)	Antenna	Verdict
102.823	32.07	N/A	N/A	N/A	43.50	N/A	Horizontal	PASS
594.134	33.79	N/A	N/A	N/A	46.00	N/A	Horizontal	PASS
917.467	36.91	N/A	N/A	N/A	46.00	N/A	Horizontal	PASS
4716.383	46.02	N/A	N/A	74.00	N/A	54.00	Horizontal	PASS
8428.526	46.40	N/A	N/A	74.00	N/A	54.00	Horizontal	PASS
12156.071	46.44	N/A	N/A	74.00	N/A	54.00	Horizontal	PASS

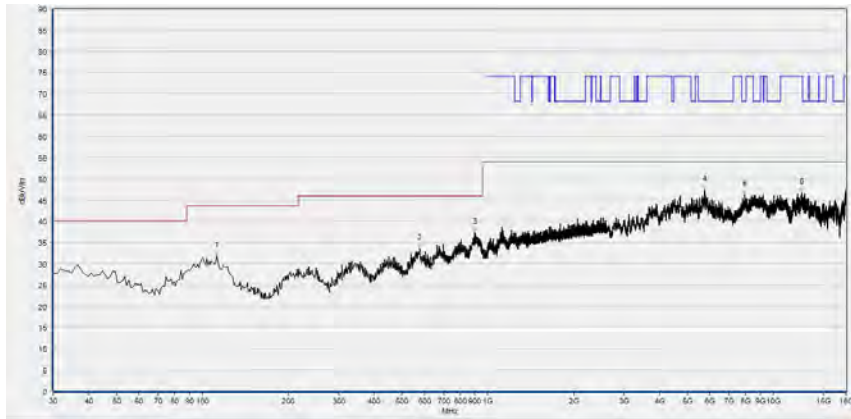
(Antenna Horizontal, 30MHz to 18GHz)



Fre. (MHz)	PK (dB μ V/m)	QP (dB μ V/m)	AV (dB μ V/m)	Limit-PK (dB μ V/m)	Limit-QP (dB μ V/m)	Limit-AV (dB μ V/m)	Antenna	Verdict
102.823	31.55	N/A	N/A	N/A	43.50	N/A	Vertical	PASS
573.744	33.71	N/A	N/A	N/A	46.00	N/A	Vertical	PASS
892.222	37.20	N/A	N/A	N/A	46.00	N/A	Vertical	PASS
5871.614	46.69	N/A	N/A	68.23	N/A	N/A	Vertical	PASS
8471.654	47.42	N/A	N/A	74.00	N/A	54.00	Vertical	PASS
10363.153	46.72	N/A	N/A	68.23	N/A	N/A	Vertical	PASS

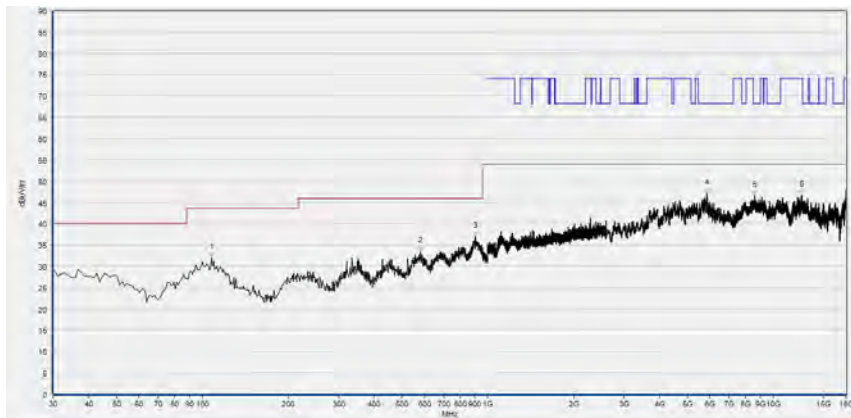
(Antenna Vertical, 30MHz to 18GHz)

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
112.533	31.89	N/A	N/A	N/A	43.50	N/A	Horizontal	PASS
577.628	33.50	N/A	N/A	N/A	46.00	N/A	Horizontal	PASS
899.019	37.43	N/A	N/A	N/A	46.00	N/A	Horizontal	PASS
5745.309	47.46	N/A	N/A	68.23	N/A	N/A	Horizontal	PASS
7960.272	46.27	N/A	N/A	68.23	N/A	N/A	Horizontal	PASS
12602.761	46.75	N/A	N/A	74.00	N/A	54.00	Horizontal	PASS

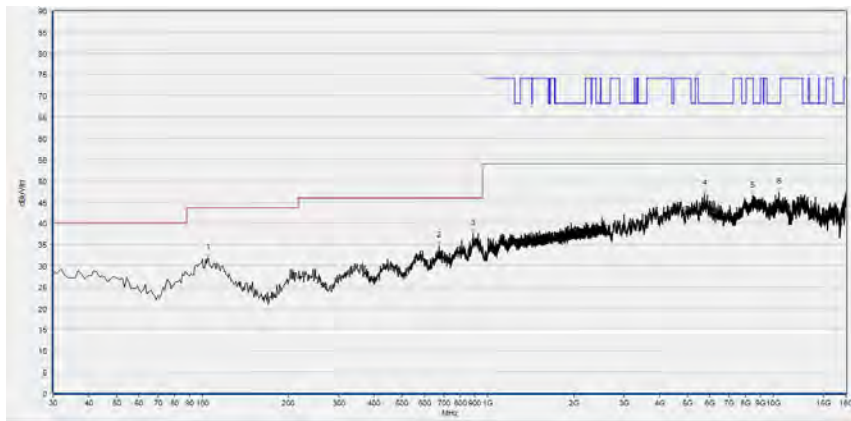
(Antenna Horizontal, 30MHz to 18GHz)



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
107.678	32.06	N/A	N/A	N/A	43.50	N/A	Vertical	PASS
581.512	33.49	N/A	N/A	N/A	46.00	N/A	Vertical	PASS
902.903	37.07	N/A	N/A	N/A	46.00	N/A	Vertical	PASS
5850.050	47.12	N/A	N/A	68.23	N/A	N/A	Vertical	PASS
8601.040	46.64	N/A	N/A	68.23	N/A	N/A	Vertical	PASS
12602.761	46.76	N/A	N/A	74.00	N/A	54.00	Vertical	PASS

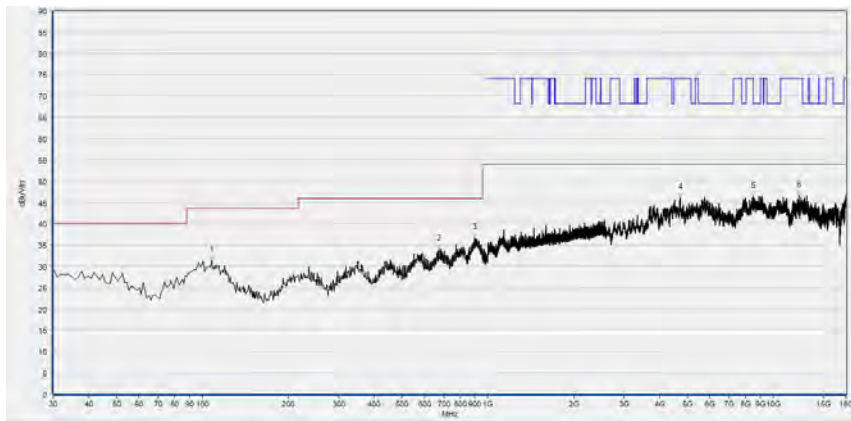
(Antenna Vertical, 30MHz to 18GHz)

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
104.765	31.93	N/A	N/A	N/A	43.50	N/A	Horizontal	PASS
675.696	34.62	N/A	N/A	N/A	46.00	N/A	Horizontal	PASS
888.338	37.52	N/A	N/A	N/A	46.00	N/A	Horizontal	PASS
5760.712	47.00	N/A	N/A	68.23	N/A	N/A	Horizontal	PASS
8483.977	46.40	N/A	N/A	74.00	N/A	54.00	Horizontal	PASS
10495.619	47.28	N/A	N/A	68.23	N/A	N/A	Horizontal	PASS

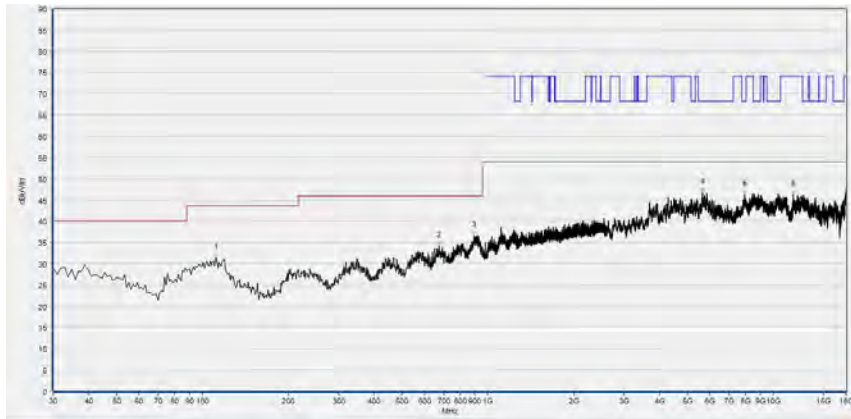
(Antenna Horizontal, 30MHz to 18GHz)



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
107.678	31.30	N/A	N/A	N/A	43.50	N/A	Vertical	PASS
672.783	34.10	N/A	N/A	N/A	46.00	N/A	Vertical	PASS
899.019	36.62	N/A	N/A	N/A	46.00	N/A	Vertical	PASS
4716.383	46.17	N/A	N/A	74.00	N/A	54.00	Vertical	PASS
8520.944	46.36	N/A	N/A	68.23	N/A	N/A	Vertical	PASS
12331.666	46.61	N/A	N/A	74.00	N/A	54.00	Vertical	PASS

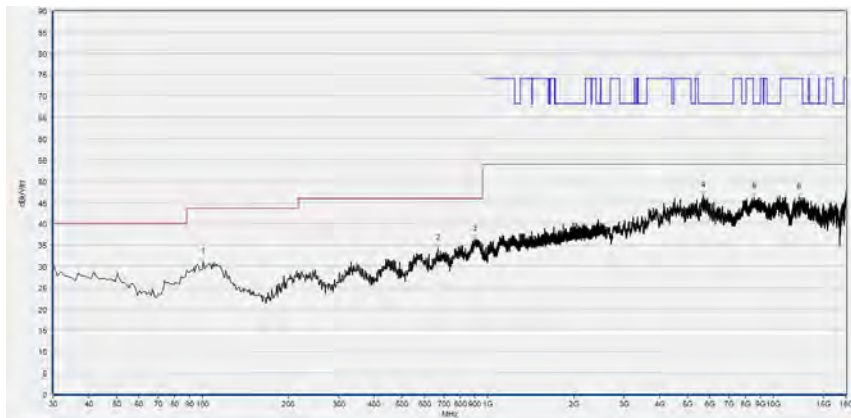
(Antenna Vertical, 30MHz to 18GHz)

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
111.562	31.42	N/A	N/A	N/A	43.50	N/A	Horizontal	PASS
675.696	34.21	N/A	N/A	N/A	46.00	N/A	Horizontal	PASS
896.106	36.46	N/A	N/A	N/A	46.00	N/A	Horizontal	PASS
5643.649	46.69	N/A	N/A	68.23	N/A	N/A	Horizontal	PASS
7963.353	46.25	N/A	N/A	68.23	N/A	N/A	Horizontal	PASS
11737.107	46.28	N/A	N/A	74.00	N/A	54.00	Horizontal	PASS

(Antenna Horizontal, 30MHz to 18GHz)

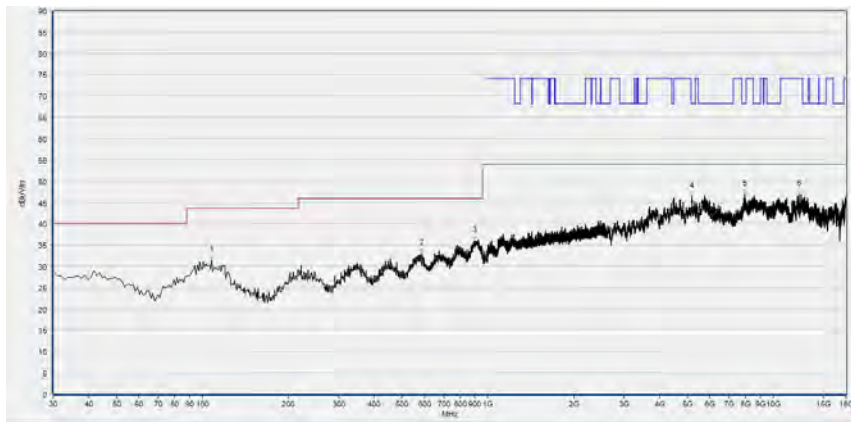


Fre. (MHz)	PK (dBμV/m)	QP (dBμV/m)	AV (dBμV/m)	Limit-PK (dBμV/m)	Limit-QP (dBμV/m)	Limit-AV (dBμV/m)	Antenna	Verdict
100.881	31.04	N/A	N/A	N/A	43.50	N/A	Vertical	PASS
668.899	34.12	N/A	N/A	N/A	46.00	N/A	Vertical	PASS
899.019	36.31	N/A	N/A	N/A	46.00	N/A	Vertical	PASS
5671.374	46.67	N/A	N/A	68.23	N/A	N/A	Vertical	PASS
8548.670	46.28	N/A	N/A	68.23	N/A	N/A	Vertical	PASS
12291.618	46.34	N/A	N/A	74.00	N/A	54.00	Vertical	PASS

(Antenna Vertical, 30MHz to 18GHz)

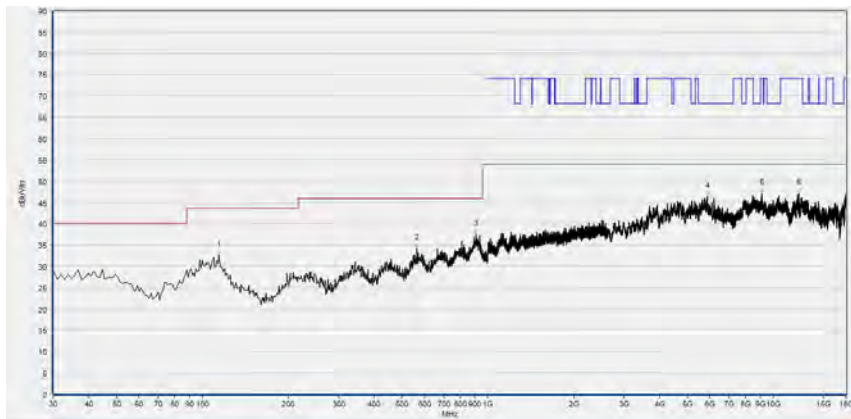
802.11n (HT40) mode

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
107.678	31.34	N/A	N/A	N/A	43.50	N/A	Horizontal	PASS
588.308	32.99	N/A	N/A	N/A	46.00	N/A	Horizontal	PASS
897.077	36.04	N/A	N/A	N/A	46.00	N/A	Horizontal	PASS
5190.798	46.44	N/A	N/A	68.23	N/A	N/A	Horizontal	PASS
7954.111	46.96	N/A	N/A	68.23	N/A	N/A	Horizontal	PASS
12291.618	46.85	N/A	N/A	74.00	N/A	54.00	Horizontal	PASS

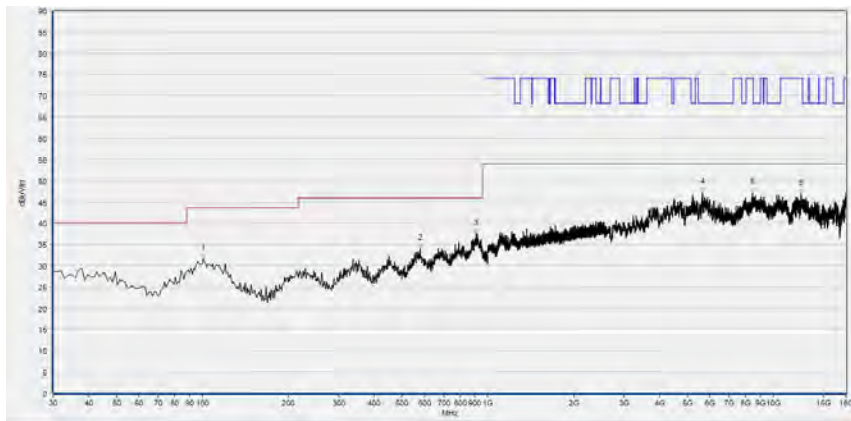
(Antenna Horizontal, 30MHz to 18GHz)



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
114.474	32.48	N/A	N/A	N/A	43.50	N/A	Vertical	PASS
565.005	34.11	N/A	N/A	N/A	46.00	N/A	Vertical	PASS
907.758	37.55	N/A	N/A	N/A	46.00	N/A	Vertical	PASS
5871.614	46.36	N/A	N/A	68.23	N/A	N/A	Vertical	PASS
9103.181	47.08	N/A	N/A	74.00	N/A	54.00	Vertical	PASS
12297.780	47.08	N/A	N/A	74.00	N/A	54.00	Vertical	PASS

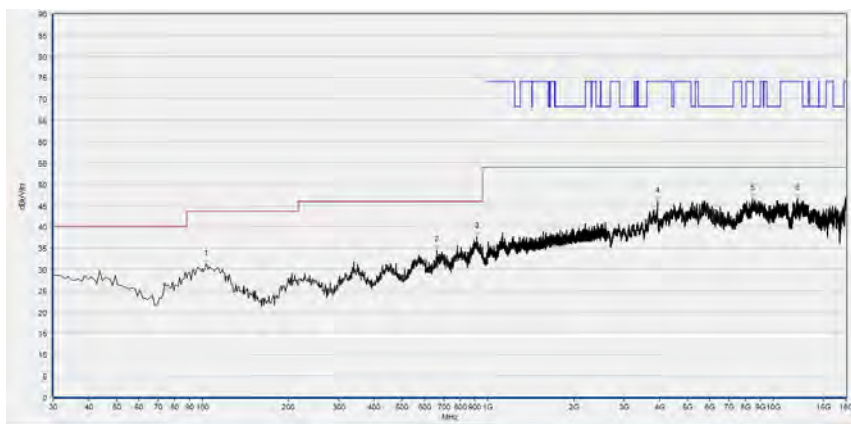
(Antenna Vertical, 30MHz to 18GHz)

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
100.881	31.65	N/A	N/A	N/A	43.50	N/A	Horizontal	PASS
580.541	34.06	N/A	N/A	N/A	46.00	N/A	Horizontal	PASS
911.642	37.48	N/A	N/A	N/A	46.00	N/A	Horizontal	PASS
5643.649	47.28	N/A	N/A	68.23	N/A	N/A	Horizontal	PASS
8447.009	47.07	N/A	N/A	74.00	N/A	54.00	Horizontal	PASS
12528.826	46.91	N/A	N/A	74.00	N/A	54.00	Horizontal	PASS

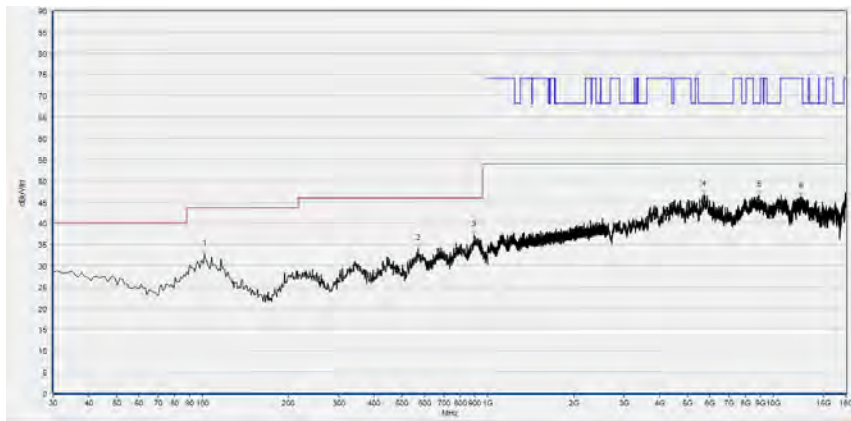
(Antenna Horizontal, 30MHz to 18GHz)



Fre. (MHz)	PK (dBµV/m)	QP (dBµV/m)	AV (dBµV/m)	Limit-PK (dBµV/m)	Limit-QP (dBµV/m)	Limit-AV (dBµV/m)	Antenna	Verdict
102.823	31.21	N/A	N/A	N/A	43.50	N/A	Vertical	PASS
664.044	34.54	N/A	N/A	N/A	46.00	N/A	Vertical	PASS
915.526	37.67	N/A	N/A	N/A	46.00	N/A	Vertical	PASS
3924.665	45.90	N/A	N/A	74.00	N/A	54.00	Vertical	PASS
8447.009	46.54	N/A	N/A	74.00	N/A	54.00	Vertical	PASS
12171.474	46.66	N/A	N/A	74.00	N/A	54.00	Vertical	PASS

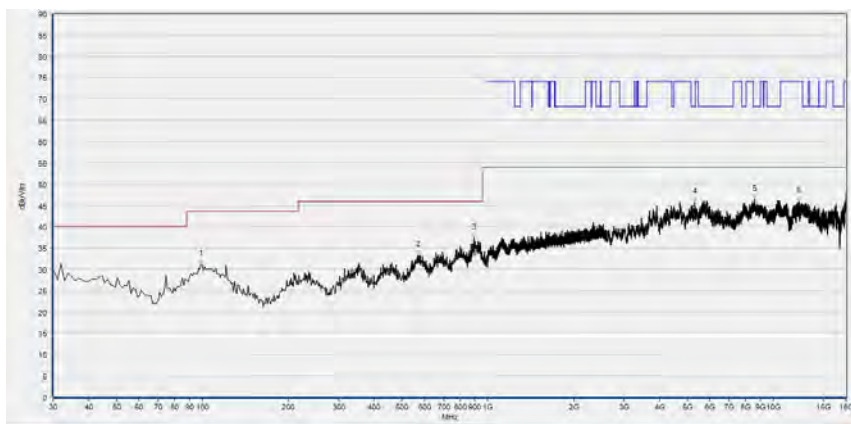
(Antenna Vertical, 30MHz to 18GHz)

Plot for Channel 54



Fre. (MHz)	PK (dBμV/m)	QP (dBμV/m)	AV (dBμV/m)	Limit-PK (dBμV/m)	Limit-QP (dBμV/m)	Limit-AV (dBμV/m)	Antenna	Verdict
101.852	32.72	N/A	N/A	N/A	43.50	N/A	Horizontal	PASS
571.802	34.06	N/A	N/A	N/A	46.00	N/A	Horizontal	PASS
893.193	37.13	N/A	N/A	N/A	46.00	N/A	Horizontal	PASS
5732.987	46.79	N/A	N/A	68.23	N/A	N/A	Horizontal	PASS
8918.344	46.56	N/A	N/A	68.23	N/A	N/A	Horizontal	PASS
12544.229	46.30	N/A	N/A	74.00	N/A	54.00	Horizontal	PASS

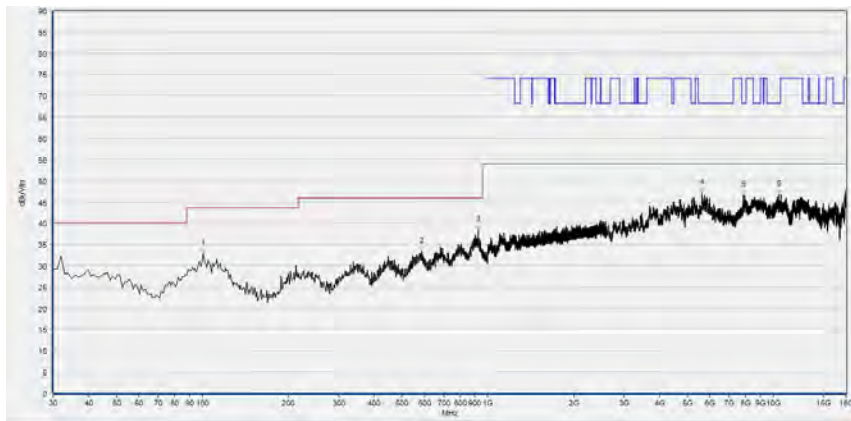
(Antenna Horizontal, 30MHz to 18GHz)



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
98.939	31.19	N/A	N/A	N/A	43.50	N/A	Vertical	PASS
568.889	33.36	N/A	N/A	N/A	46.00	N/A	Vertical	PASS
895.135	37.34	N/A	N/A	N/A	46.00	N/A	Vertical	PASS
5295.539	45.75	N/A	N/A	68.23	N/A	N/A	Vertical	PASS
8628.766	46.41	N/A	N/A	68.23	N/A	N/A	Vertical	PASS
12319.344	45.87	N/A	N/A	74.00	N/A	54.00	Vertical	PASS

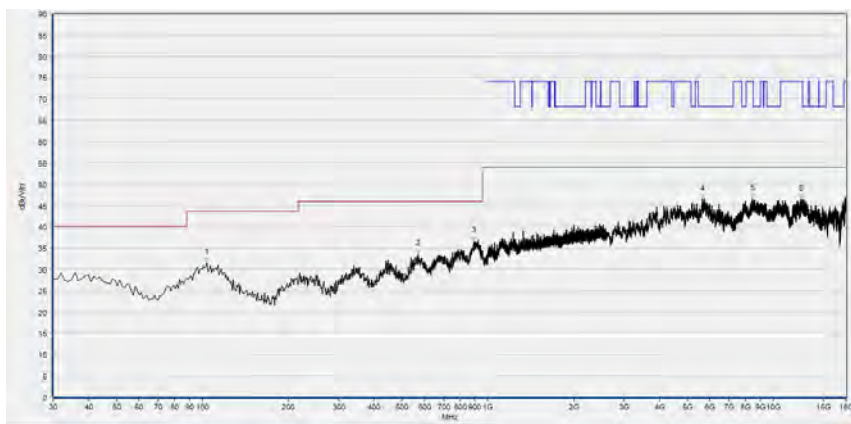
(Antenna Vertical, 30MHz to 18GHz)

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
100.881	32.84	N/A	N/A	N/A	43.50	N/A	Horizontal	PASS
587.337	33.39	N/A	N/A	N/A	46.00	N/A	Horizontal	PASS
926.206	38.45	N/A	N/A	N/A	46.00	N/A	Horizontal	PASS
5631.326	47.02	N/A	N/A	68.23	N/A	N/A	Horizontal	PASS
7849.370	46.51	N/A	N/A	68.23	N/A	N/A	Horizontal	PASS
10455.571	46.68	N/A	N/A	68.23	N/A	N/A	Horizontal	PASS

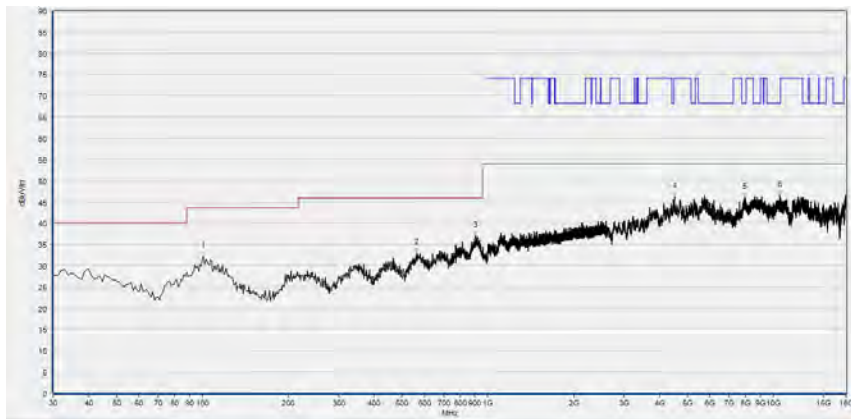
(Antenna Horizontal, 30MHz to 18GHz)



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
103.794	31.54	N/A	N/A	N/A	43.50	N/A	Vertical	PASS
570.831	33.49	N/A	N/A	N/A	46.00	N/A	Vertical	PASS
895.135	36.55	N/A	N/A	N/A	46.00	N/A	Vertical	PASS
5643.649	46.44	N/A	N/A	68.23	N/A	N/A	Vertical	PASS
8440.848	46.57	N/A	N/A	74.00	N/A	54.00	Vertical	PASS
12547.309	46.44	N/A	N/A	74.00	N/A	54.00	Vertical	PASS

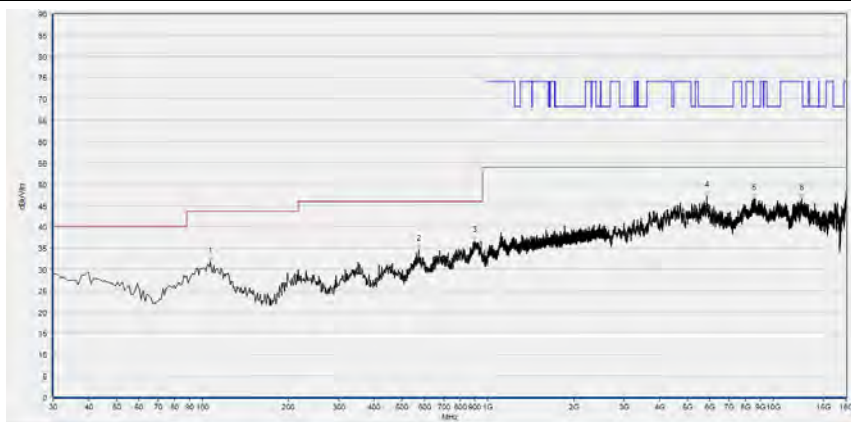
(Antenna Vertical, 30MHz to 18GHz)

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
100.881	32.14	N/A	N/A	N/A	43.50	N/A	Horizontal	PASS
565.005	33.08	N/A	N/A	N/A	46.00	N/A	Horizontal	PASS
902.903	37.10	N/A	N/A	N/A	46.00	N/A	Horizontal	PASS
4503.821	46.33	N/A	N/A	74.00	N/A	54.00	Horizontal	PASS
7926.385	46.14	N/A	N/A	68.23	N/A	N/A	Horizontal	PASS
10517.183	46.62	N/A	N/A	68.23	N/A	N/A	Horizontal	PASS

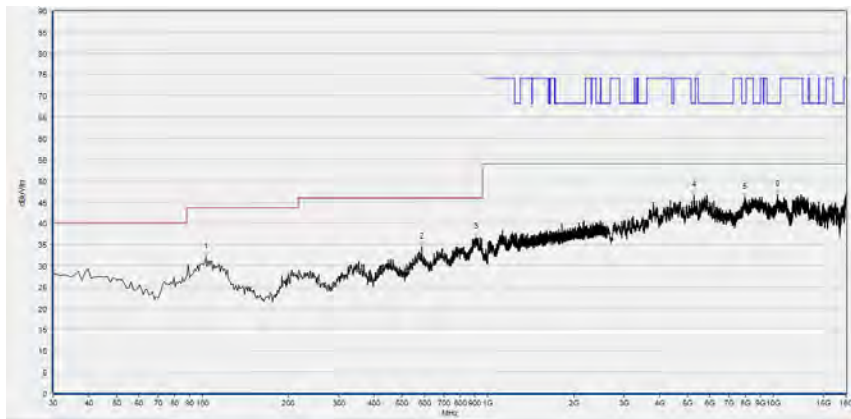
(Antenna Horizontal, 30MHz to 18GHz)



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
106.707	31.85	N/A	N/A	N/A	43.50	N/A	Vertical	PASS
572.773	34.71	N/A	N/A	N/A	46.00	N/A	Vertical	PASS
897.077	36.66	N/A	N/A	N/A	46.00	N/A	Vertical	PASS
5862.372	47.20	N/A	N/A	68.23	N/A	N/A	Vertical	PASS
8557.912	46.67	N/A	N/A	68.23	N/A	N/A	Vertical	PASS
12578.116	46.52	N/A	N/A	74.00	N/A	54.00	Vertical	PASS

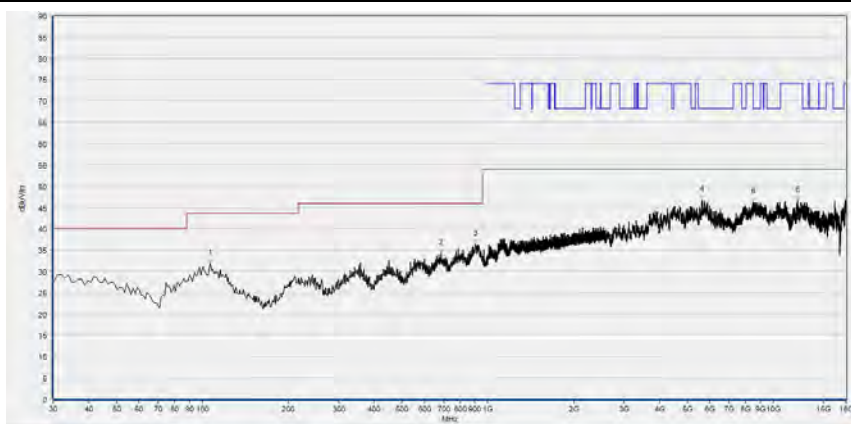
(Antenna Vertical, 30MHz to 18GHz)

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
102.823	31.93	N/A	N/A	N/A	43.50	N/A	Horizontal	PASS
588.308	34.39	N/A	N/A	N/A	46.00	N/A	Horizontal	PASS
910.671	36.74	N/A	N/A	N/A	46.00	N/A	Horizontal	PASS
5273.975	46.62	N/A	N/A	68.23	N/A	N/A	Horizontal	PASS
7944.869	46.17	N/A	N/A	68.23	N/A	N/A	Horizontal	PASS
10326.185	46.74	N/A	N/A	68.23	N/A	N/A	Horizontal	PASS

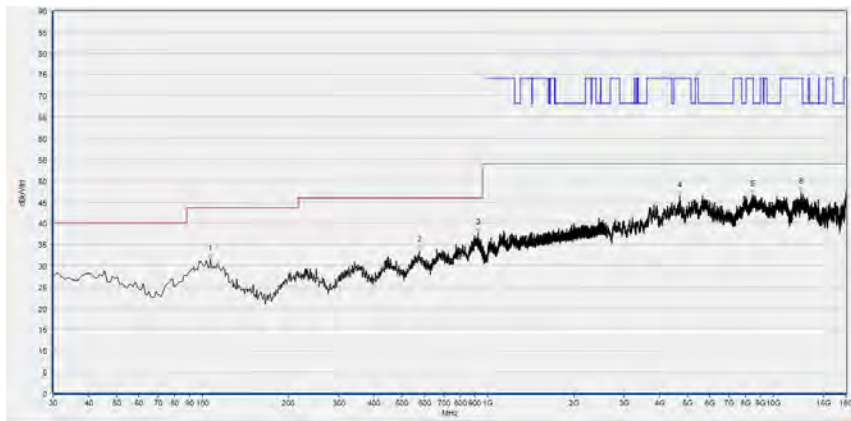
(Antenna Horizontal, 30MHz to 18GHz)



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
106.707	31.81	N/A	N/A	N/A	43.50	N/A	Vertical	PASS
687.347	34.24	N/A	N/A	N/A	46.00	N/A	Vertical	PASS
904.845	36.38	N/A	N/A	N/A	46.00	N/A	Vertical	PASS
5634.407	46.75	N/A	N/A	68.23	N/A	N/A	Vertical	PASS
8514.783	46.21	N/A	N/A	68.23	N/A	N/A	Vertical	PASS
12159.152	46.52	N/A	N/A	74.00	N/A	54.00	Vertical	PASS

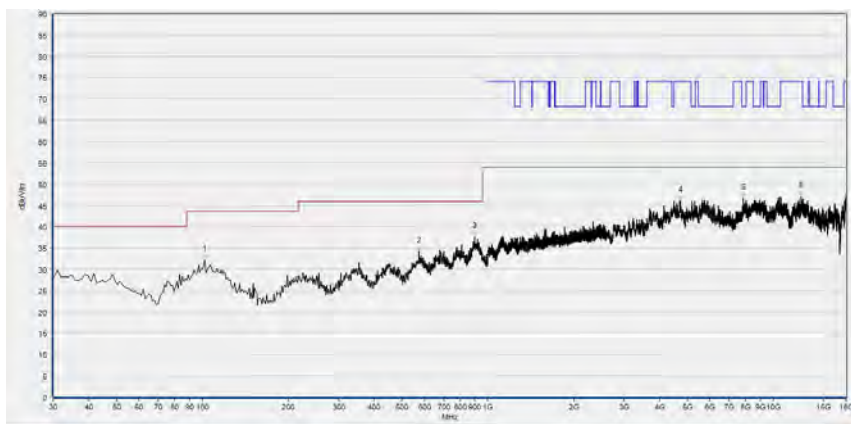
(Antenna Vertical, 30MHz to 18GHz)

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
106.707	31.43	N/A	N/A	N/A	43.50	N/A	Horizontal	PASS
575.686	33.55	N/A	N/A	N/A	46.00	N/A	Horizontal	PASS
923.293	37.63	N/A	N/A	N/A	46.00	N/A	Horizontal	PASS
4710.222	46.44	N/A	N/A	74.00	N/A	54.00	Horizontal	PASS
8453.171	46.76	N/A	N/A	74.00	N/A	54.00	Horizontal	PASS
12525.745	47.33	N/A	N/A	74.00	N/A	54.00	Horizontal	PASS

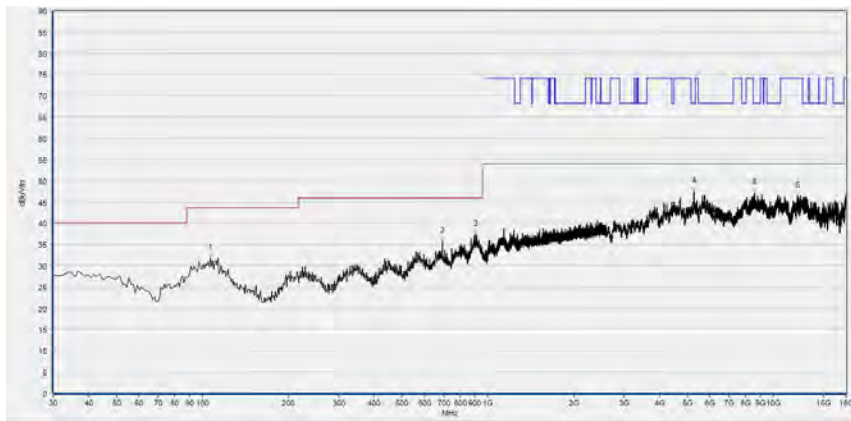
(Antenna Horizontal, 30MHz to 18GHz)



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
101.852	32.16	N/A	N/A	N/A	43.50	N/A	Vertical	PASS
573.744	34.23	N/A	N/A	N/A	46.00	N/A	Vertical	PASS
899.990	37.78	N/A	N/A	N/A	46.00	N/A	Vertical	PASS
4731.786	46.13	N/A	N/A	74.00	N/A	54.00	Vertical	PASS
7864.773	46.81	N/A	N/A	68.23	N/A	N/A	Vertical	PASS
12491.858	47.02	N/A	N/A	74.00	N/A	54.00	Vertical	PASS

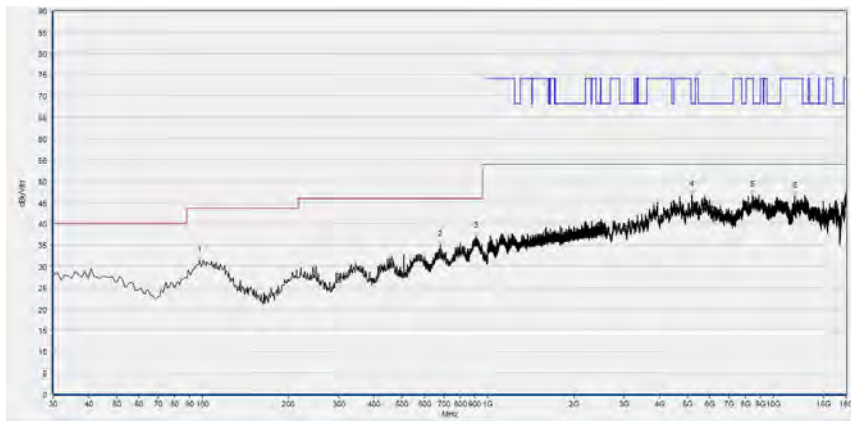
(Antenna Vertical, 30MHz to 18GHz)

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
106.707	31.81	N/A	N/A	N/A	43.50	N/A	Horizontal	PASS
692.202	35.72	N/A	N/A	N/A	46.00	N/A	Horizontal	PASS
902.903	37.33	N/A	N/A	N/A	46.00	N/A	Horizontal	PASS
5273.975	47.37	N/A	N/A	68.23	N/A	N/A	Horizontal	PASS
8628.766	47.03	N/A	N/A	68.23	N/A	N/A	Horizontal	PASS
12146.829	46.50	N/A	N/A	74.00	N/A	54.00	Horizontal	PASS

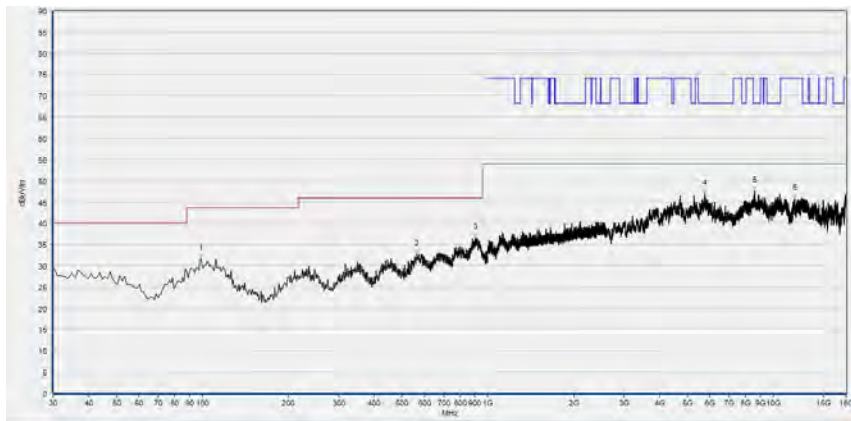
(Antenna Horizontal, 30MHz to 18GHz)



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
97.968	31.30	N/A	N/A	N/A	43.50	N/A	Vertical	PASS
682.492	34.96	N/A	N/A	N/A	46.00	N/A	Vertical	PASS
907.758	37.02	N/A	N/A	N/A	46.00	N/A	Vertical	PASS
5181.556	46.80	N/A	N/A	68.23	N/A	N/A	Vertical	PASS
8447.009	46.68	N/A	N/A	74.00	N/A	54.00	Vertical	PASS
11863.413	46.47	N/A	N/A	74.00	N/A	54.00	Vertical	PASS

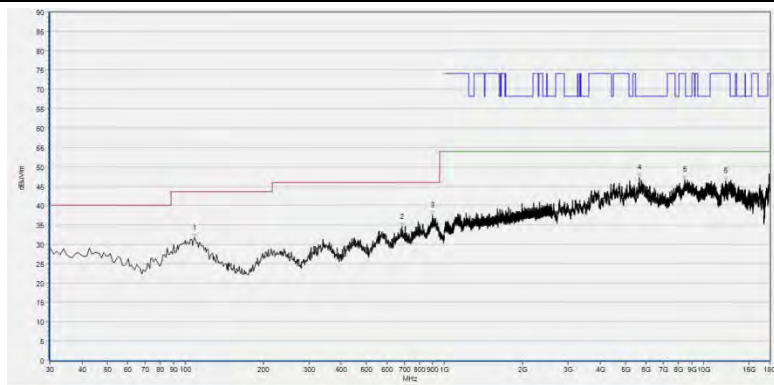
(Antenna Vertical, 30MHz to 18GHz)

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
98.939	31.59	N/A	N/A	N/A	43.50	N/A	Horizontal	PASS
565.005	32.69	N/A	N/A	N/A	46.00	N/A	Horizontal	PASS
901.932	36.59	N/A	N/A	N/A	46.00	N/A	Horizontal	PASS
5757.632	47.01	N/A	N/A	68.23	N/A	N/A	Horizontal	PASS
8588.718	47.55	N/A	N/A	68.23	N/A	N/A	Horizontal	PASS
11909.622	45.77	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
108.649	31.60	N/A	N/A	N/A	43.50	N/A	Vertical	PASS
686.376	34.55	N/A	N/A	N/A	46.00	N/A	Vertical	PASS
897.077	37.52	N/A	N/A	N/A	46.00	N/A	Vertical	PASS
5662.132	47.25	N/A	N/A	68.23	N/A	N/A	Vertical	PASS
8447.009	46.79	N/A	N/A	74.00	N/A	54.00	Vertical	PASS
12168.394	46.49	N/A	N/A	74.00	N/A	54.00	Vertical	PASS

(Antenna Vertical, 30MHz to 18GHz)

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