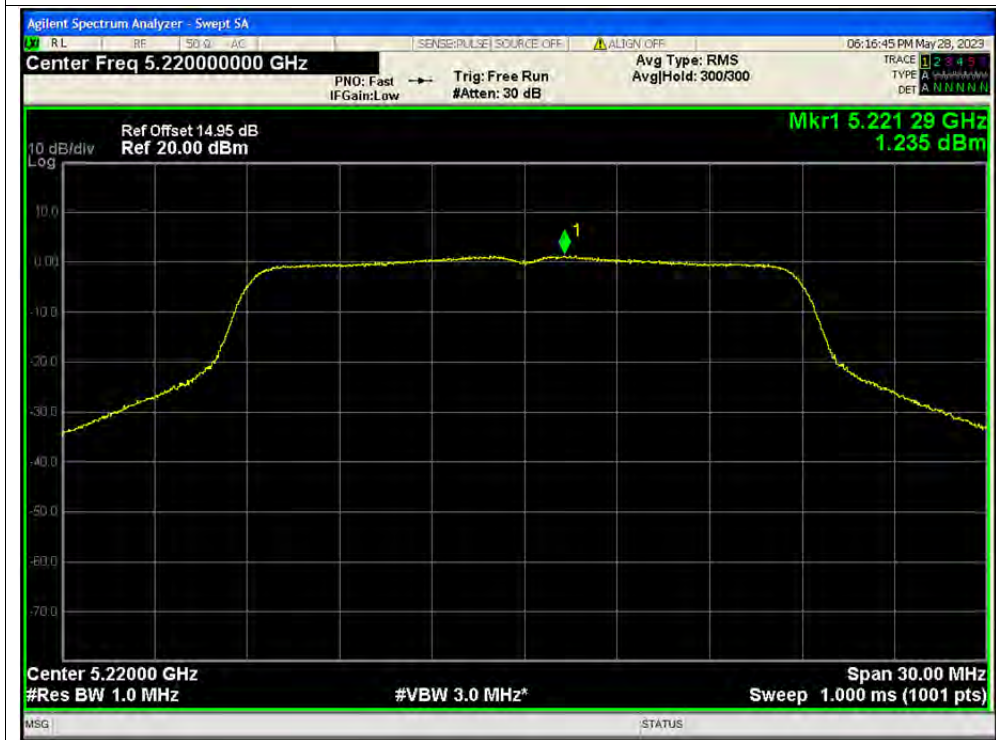




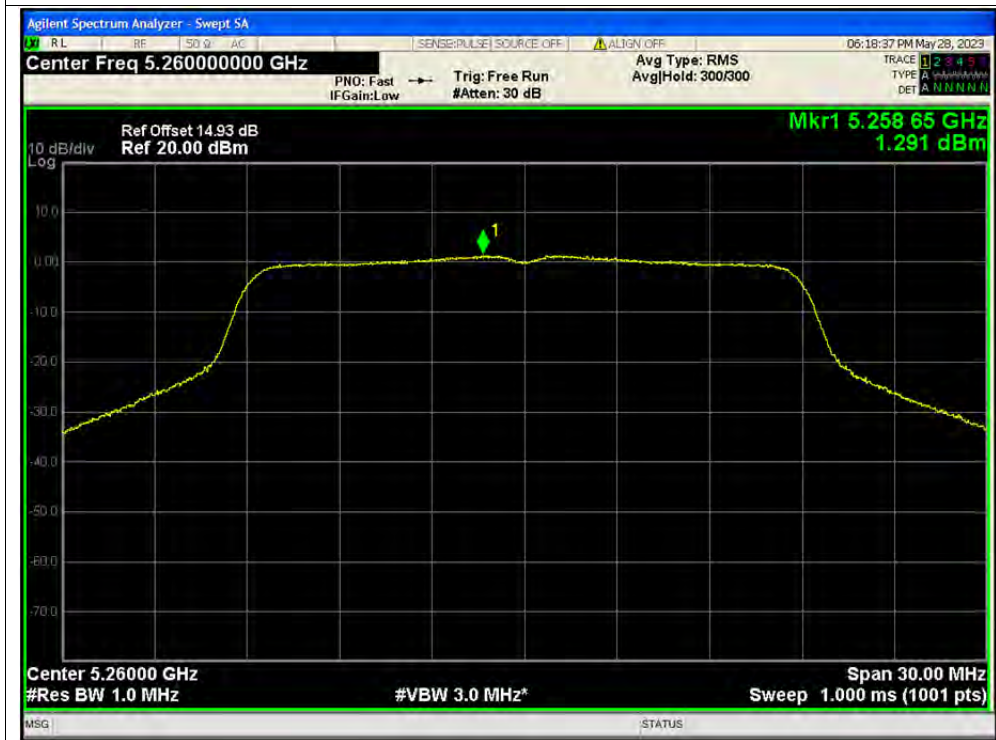
PSD NVNT n20 5220MHz Ant1



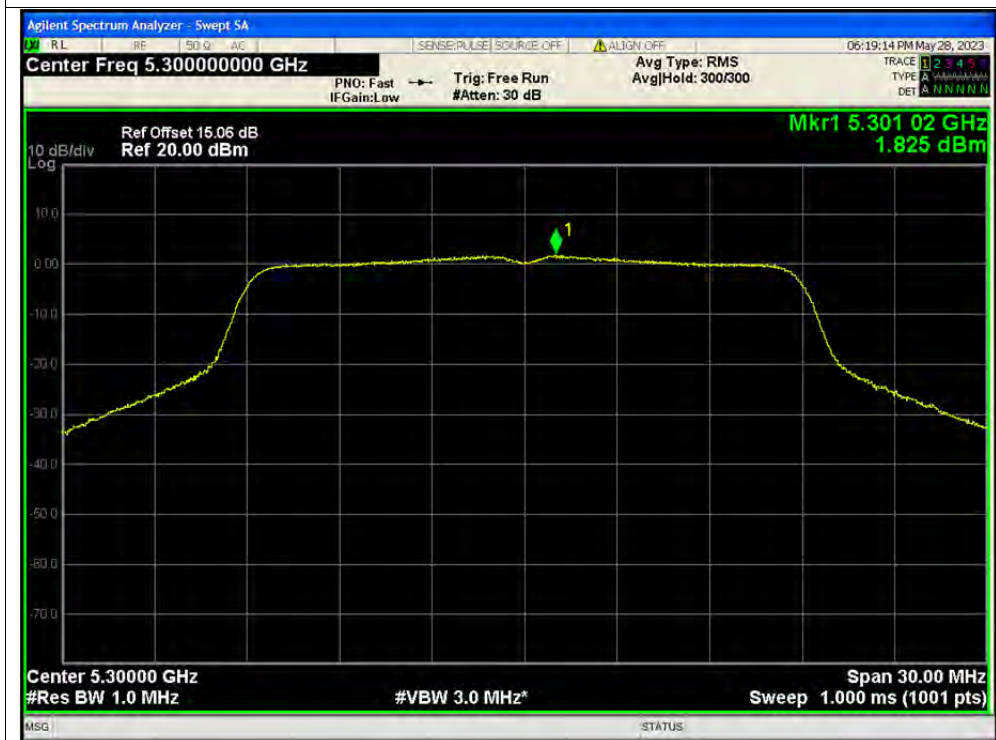
PSD NVNT n20 5240MHz Ant1



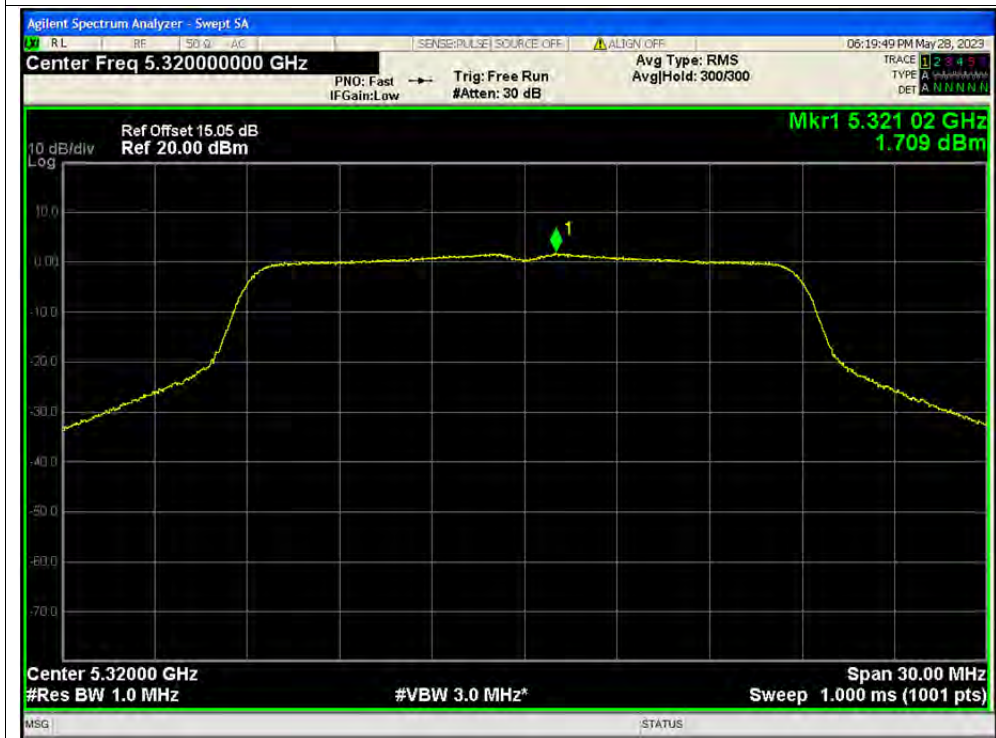
PSD NVNT n20 5260MHz Ant1



PSD NVNT n20 5300MHz Ant1



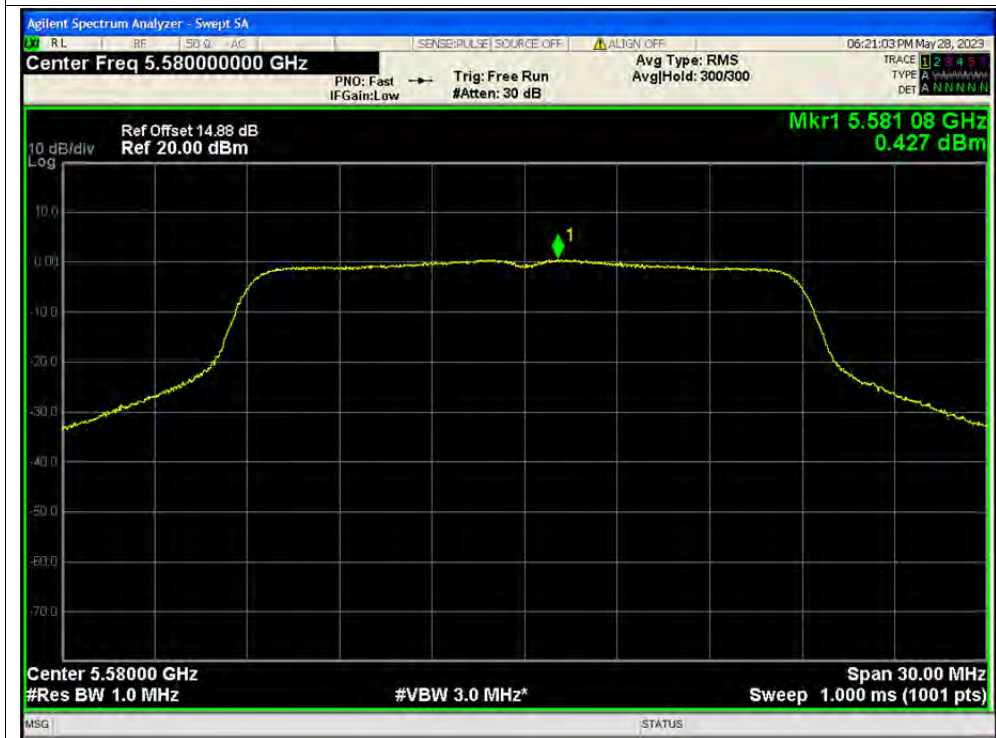
PSD NVNT n20 5320MHz Ant1



PSD NVNT n20 5500MHz Ant1



PSD NVNT n20 5580MHz Ant1

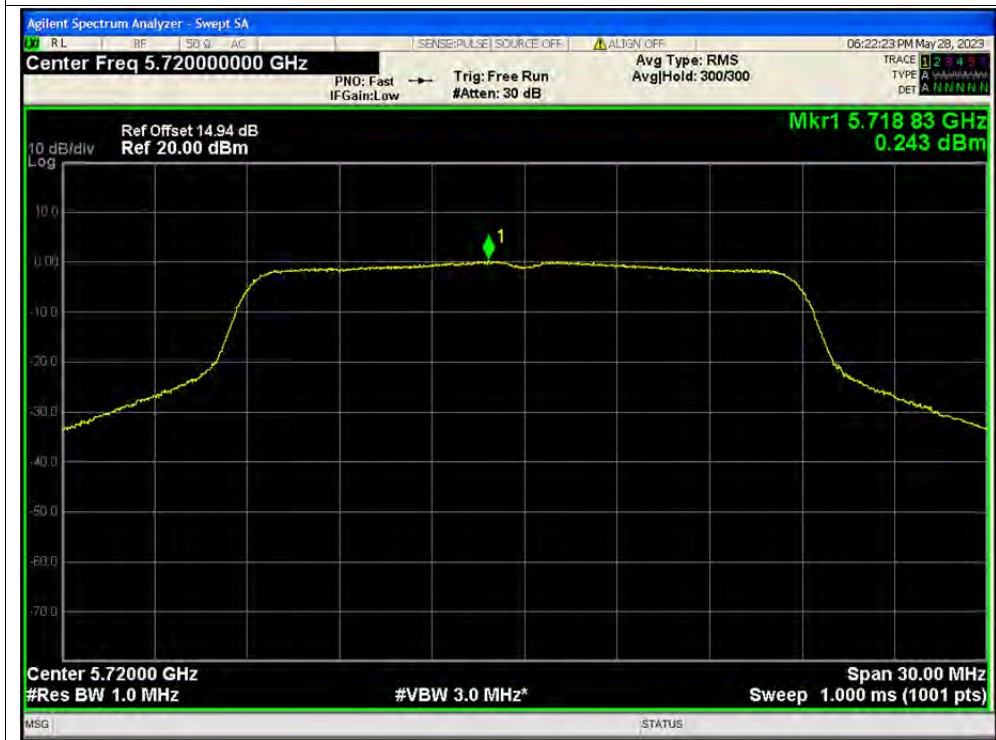


PSD NVNT n20 5600MHz Ant1





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





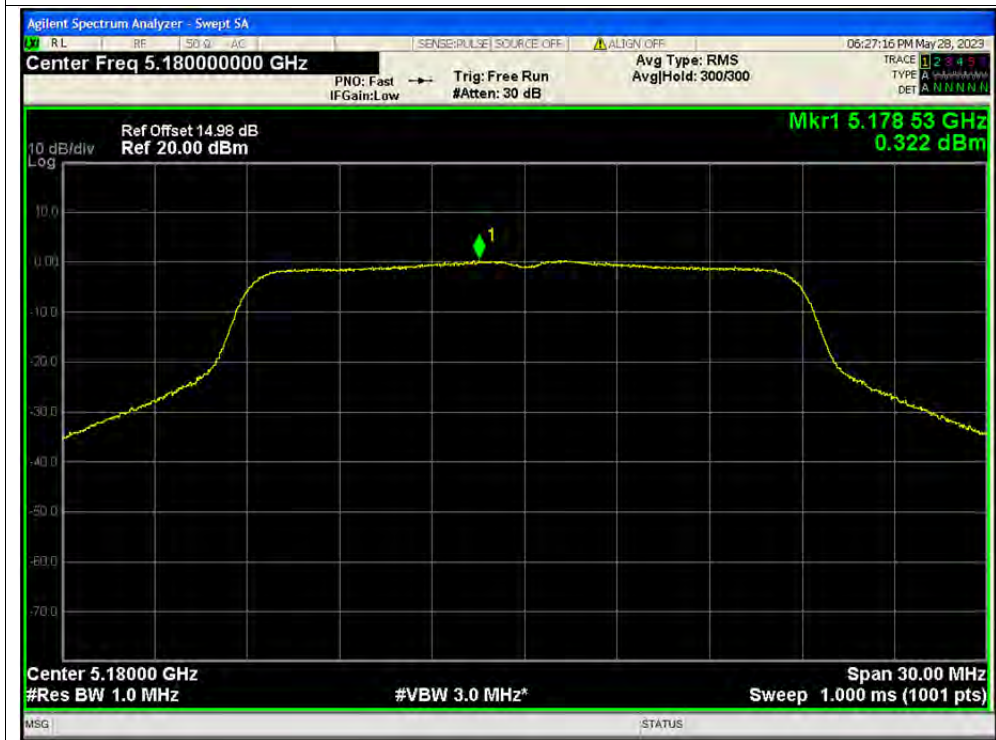
PSD NVNT n40 5755MHz Ant1



PSD NVNT n40 5795MHz Ant1



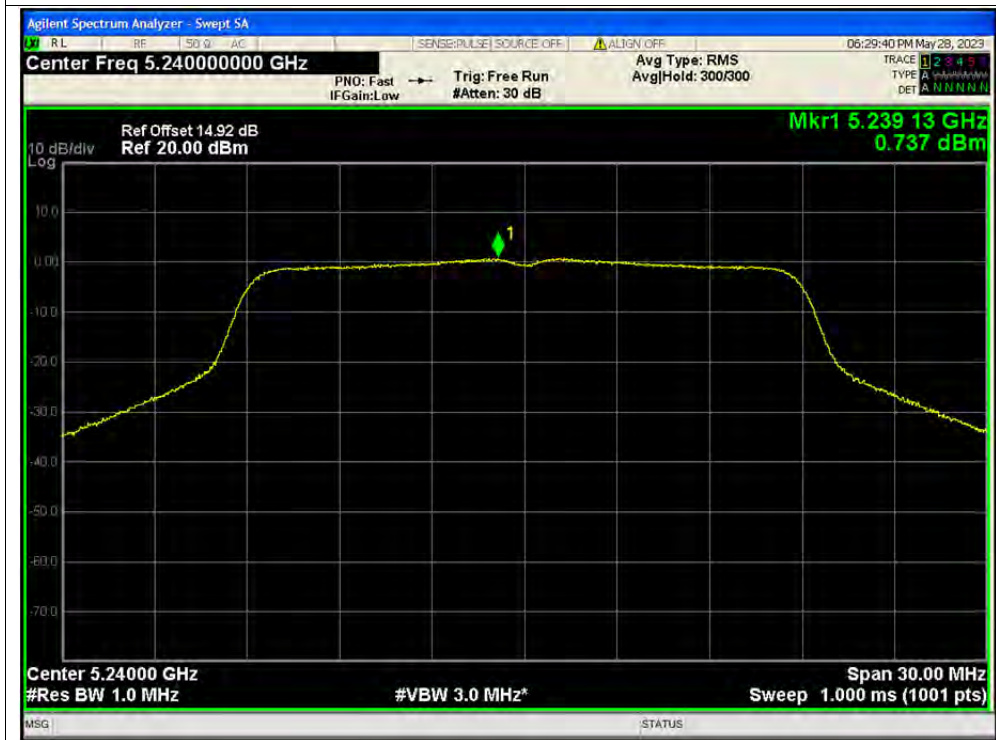
PSD NVNT ac20 5180MHz Ant1



PSD NVNT ac20 5220MHz Ant1



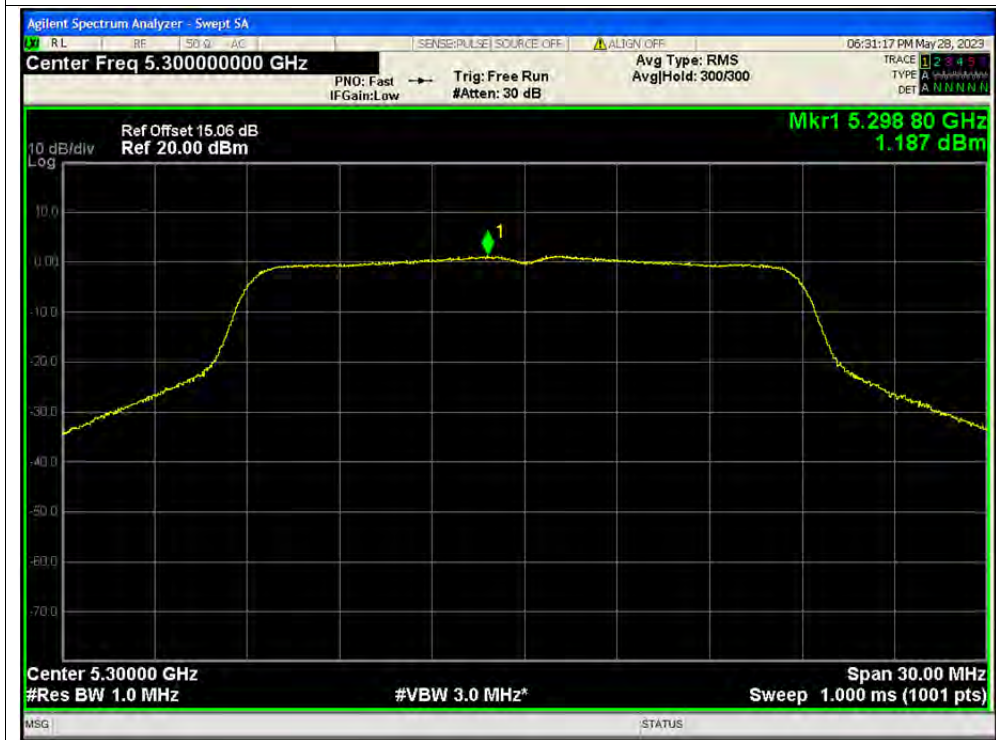
PSD NVNT ac20 5240MHz Ant1



PSD NVNT ac20 5260MHz Ant1



PSD NVNT ac20 5300MHz Ant1



PSD NVNT ac20 5320MHz Ant1





PSD NVNT ac20 5500MHz Ant1

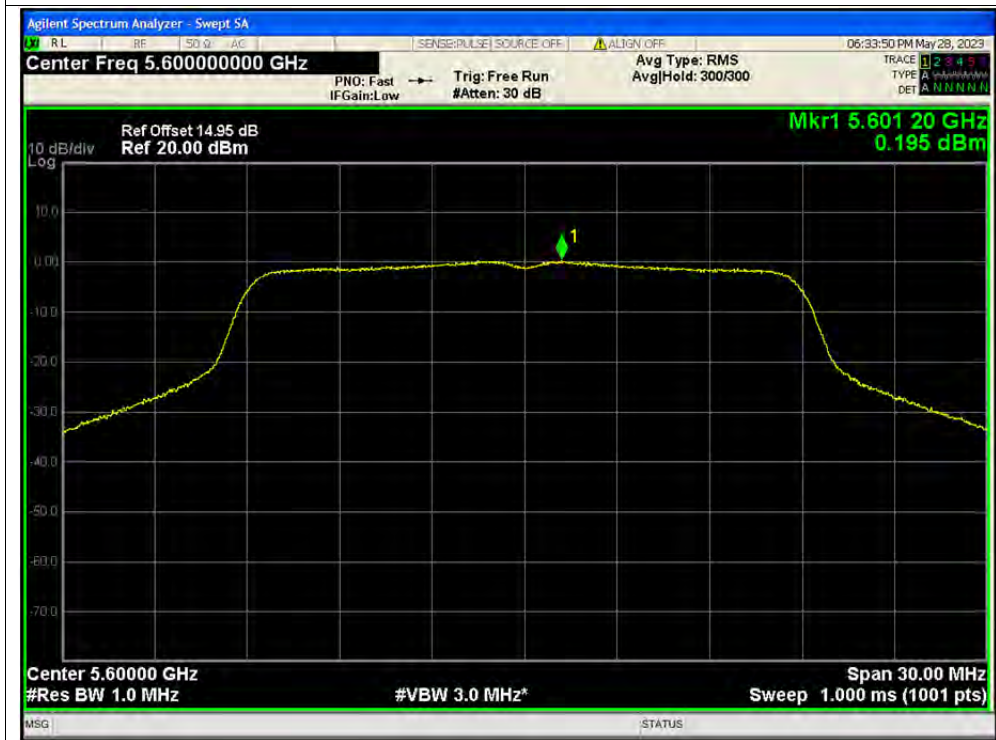


PSD NVNT ac20 5580MHz Ant1





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

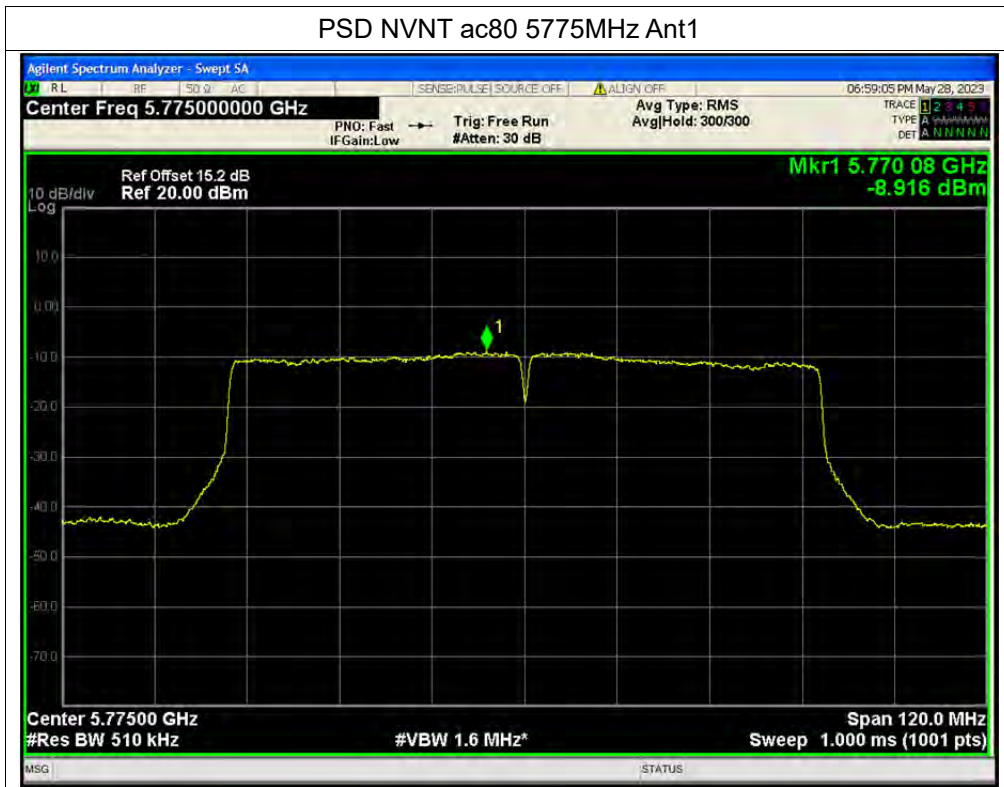


PSD NVNT ac80 5610MHz Ant1



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

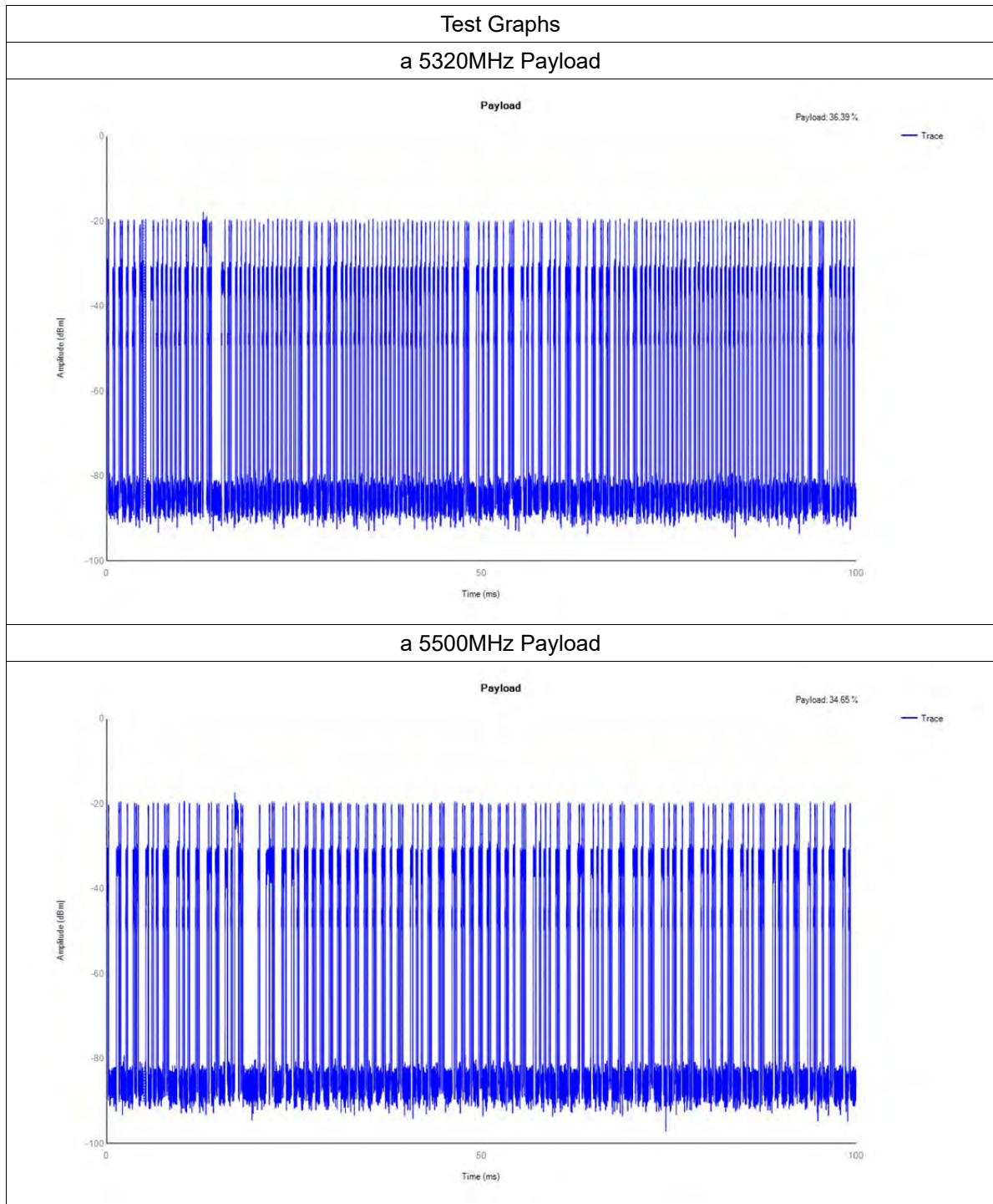


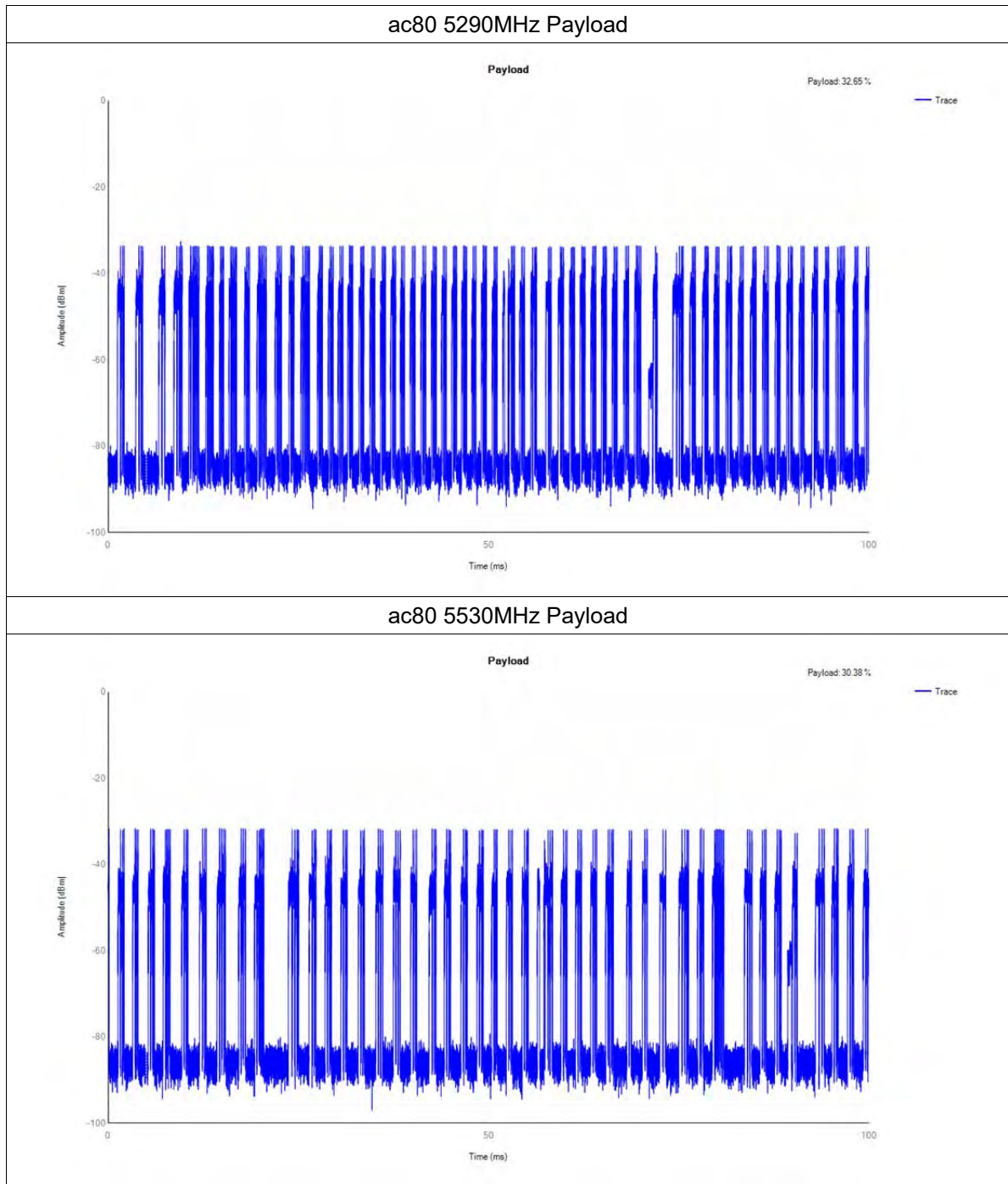
A.6. Dynamic Frequency Selection

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





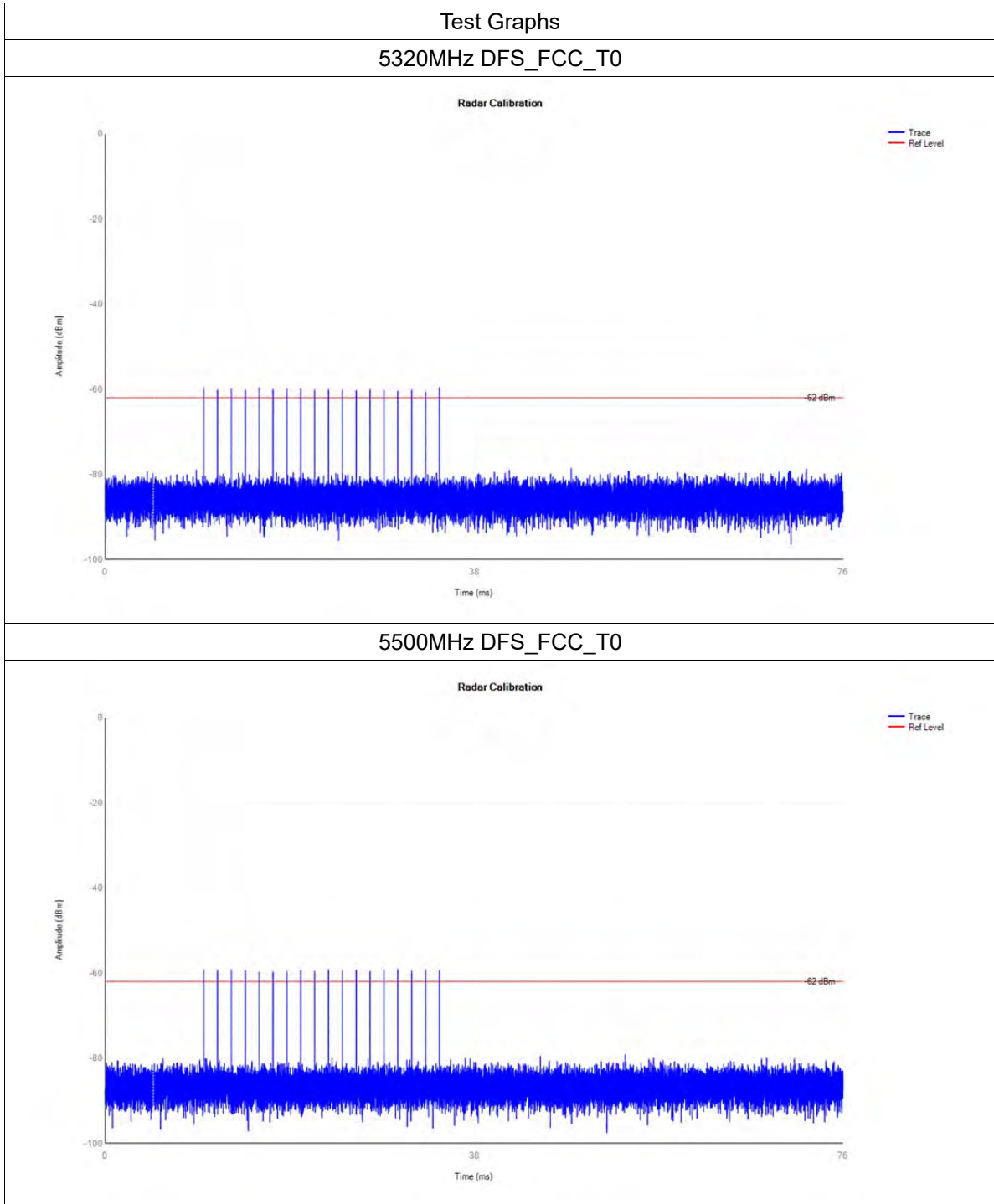


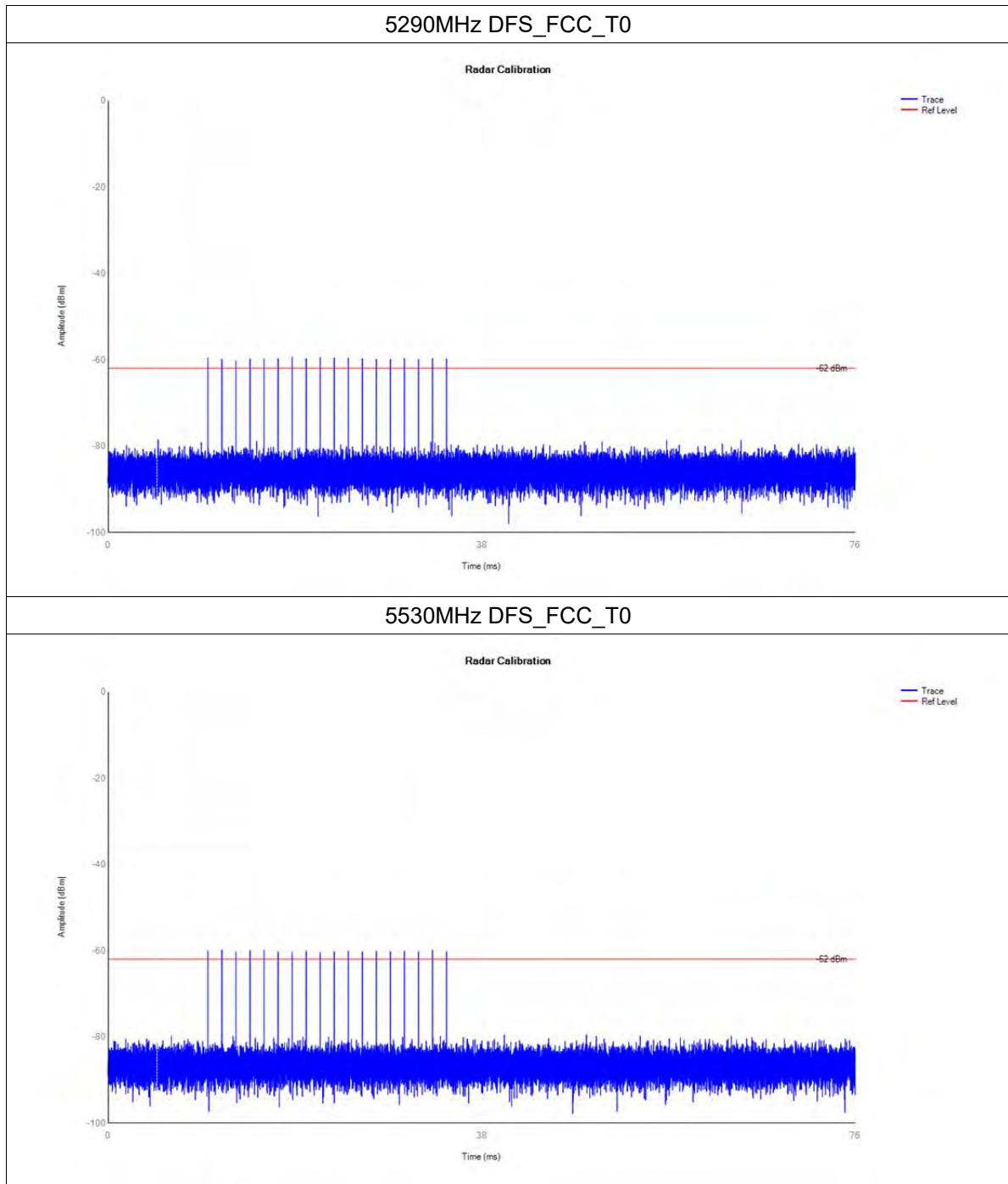


Calibration

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









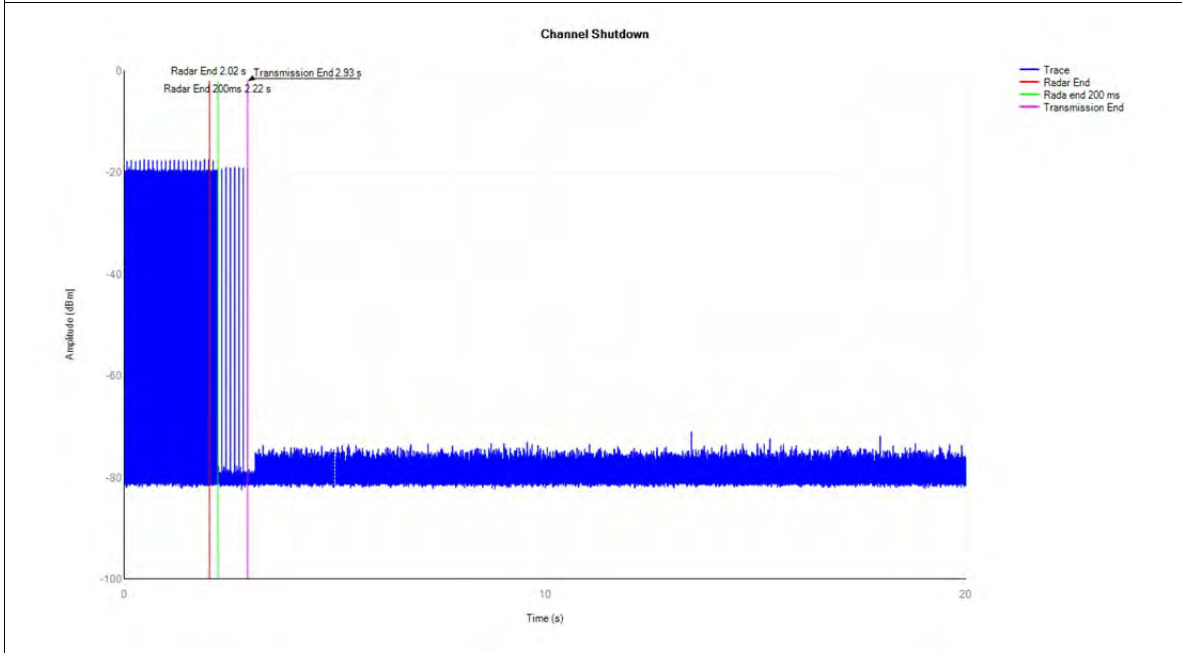
Channel Move Time and Channel Closing Transmission Time

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

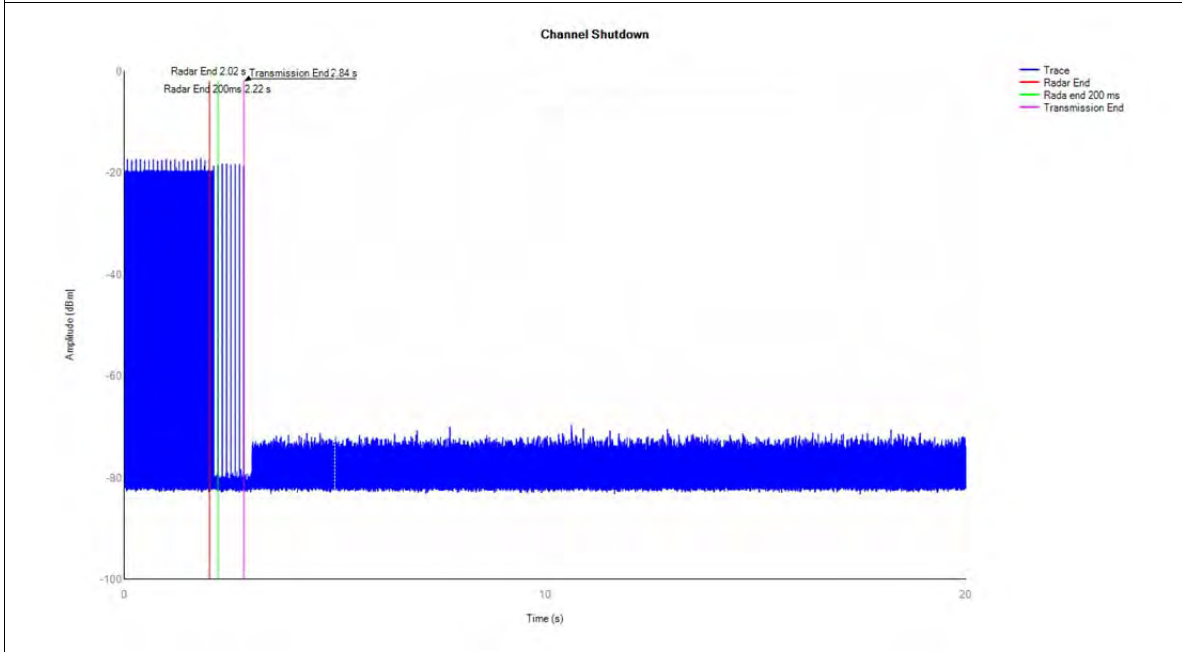


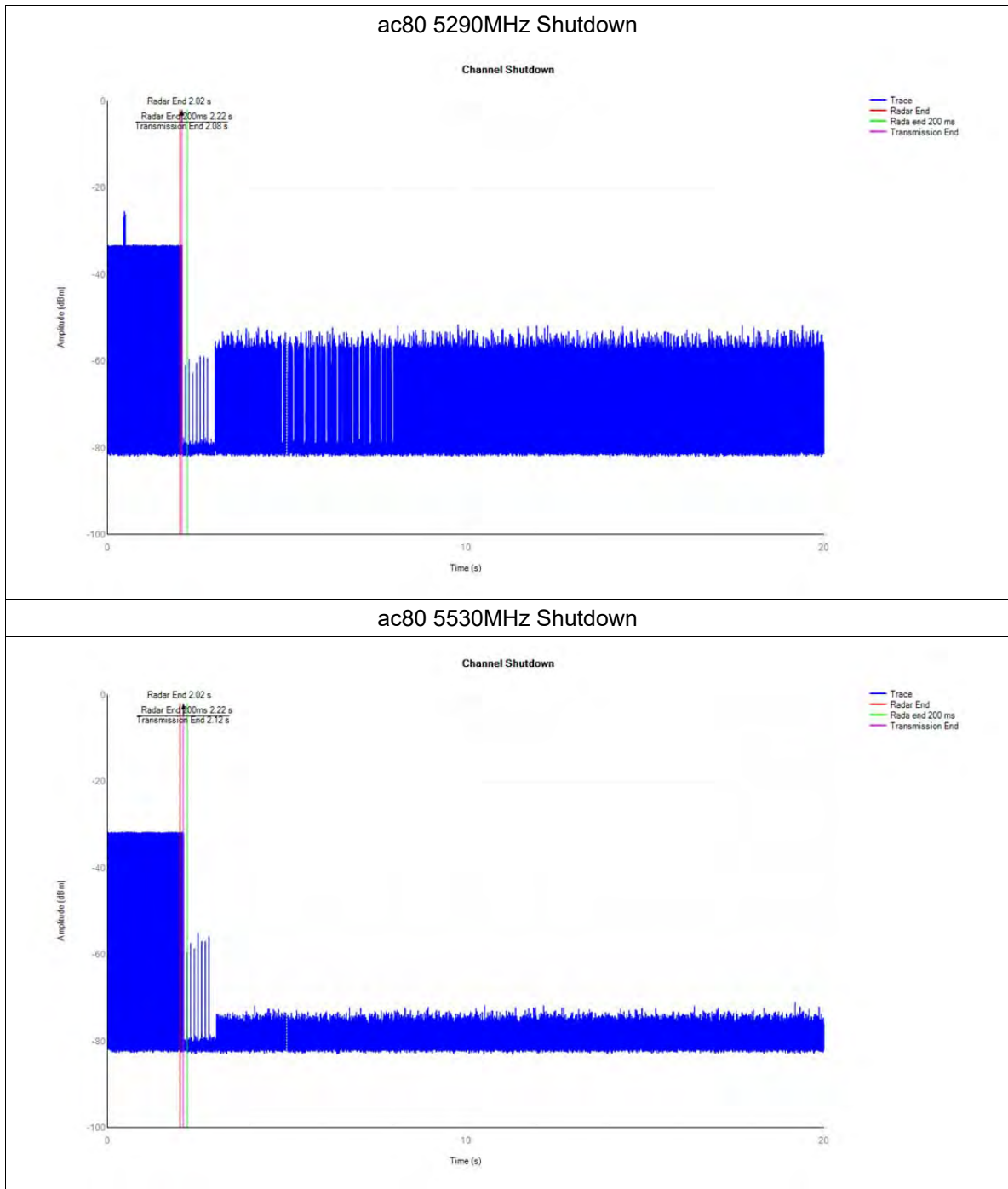
Test Graphs

a 5320MHz Shutdown



a 5500MHz Shutdown

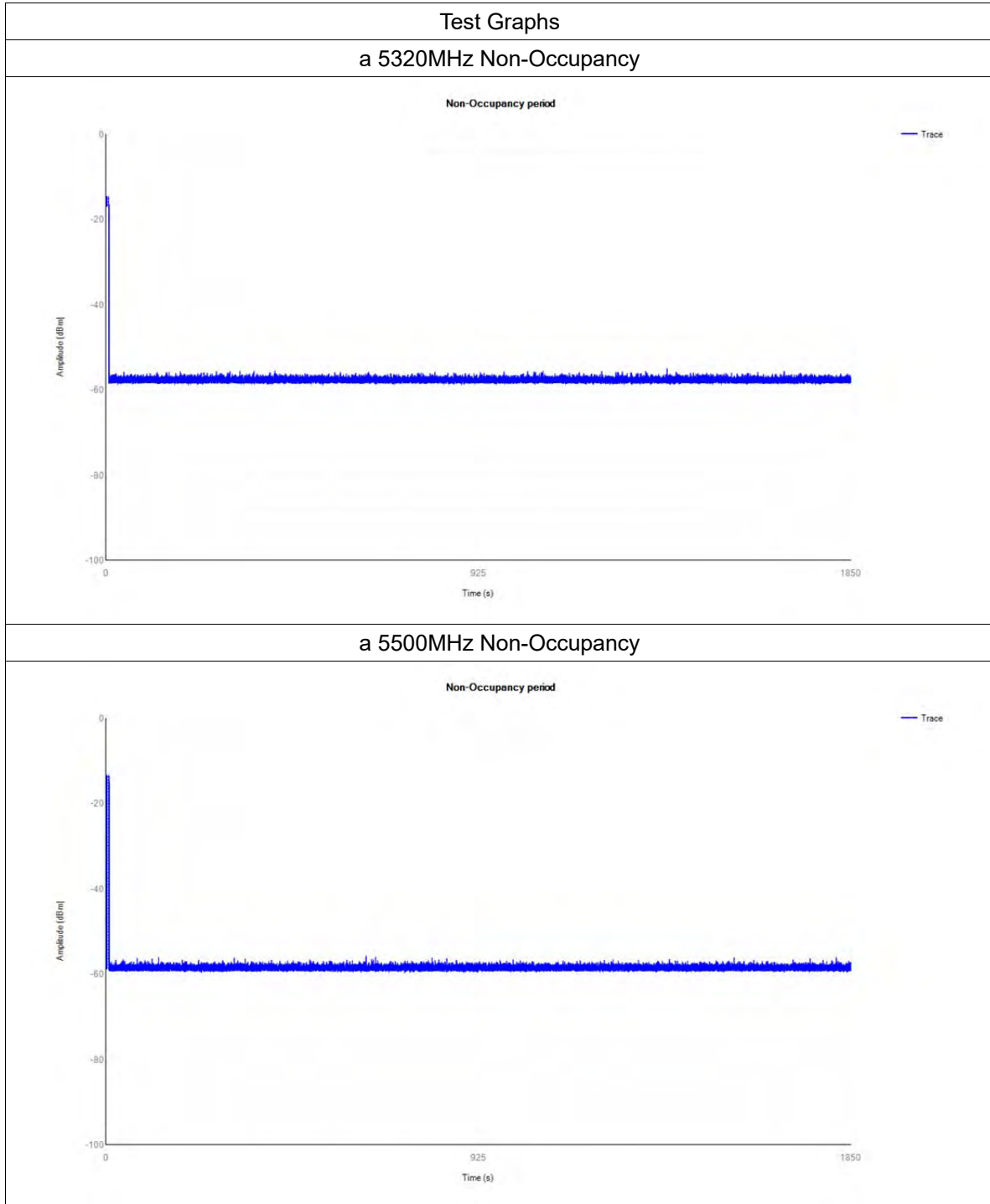






Non-Occupancy Period

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:

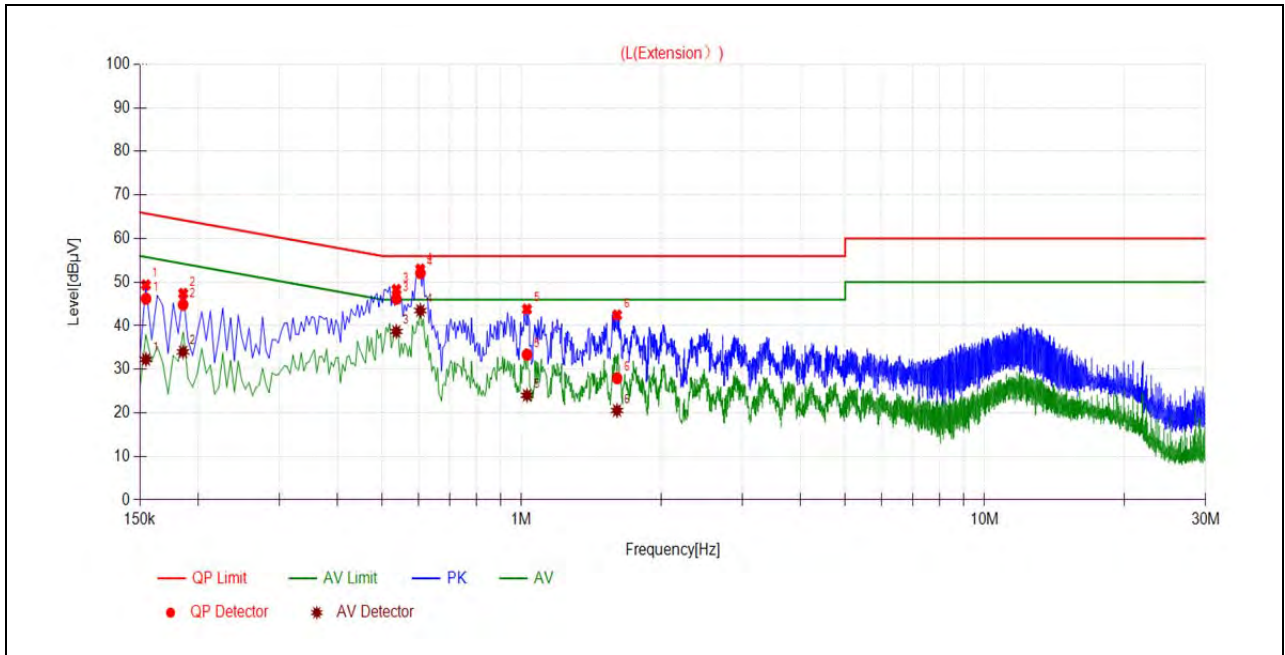
$$E \text{ [dB}\mu\text{V]} = U_R + L_{\text{Cable loss}} \text{ [dB]} + A_{\text{Factor}}$$

U_R : Receiver Reading

A_{Factor} : Voltage division factor of LISN

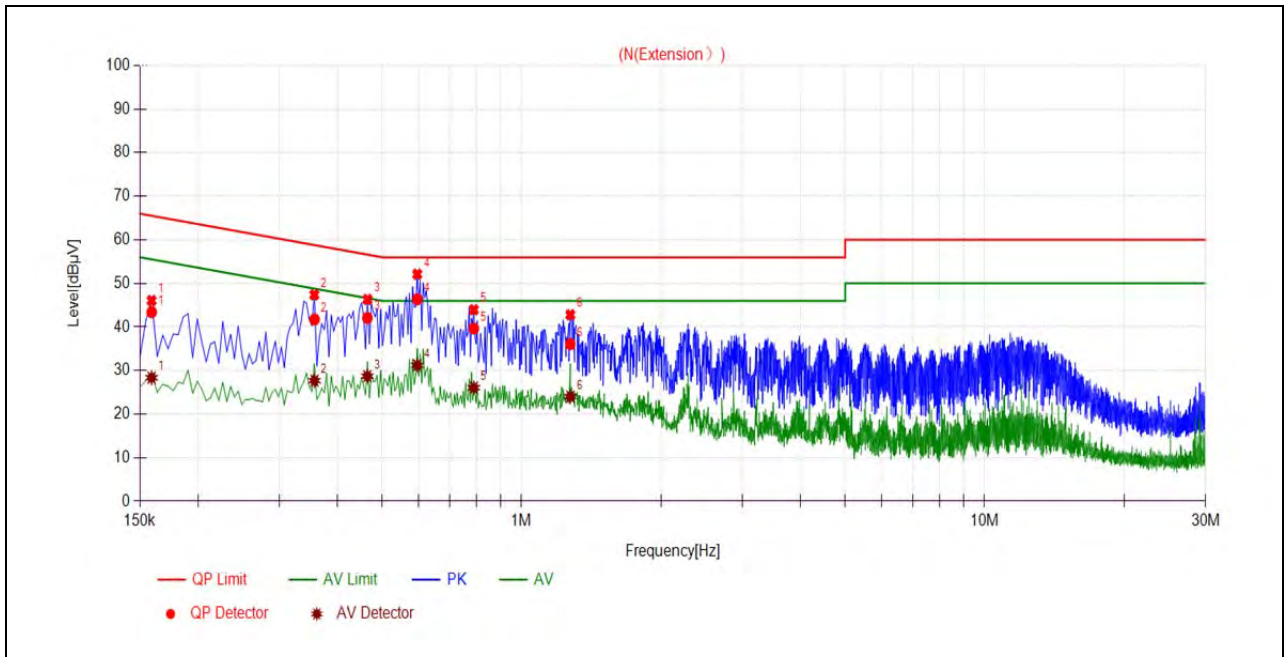


B. Test Plot:



(L Phase)

No.	Fre. (MHz)	Emission Level (dBµV)		Limit (dBµV)		Power-line	Verdict
		Quai-peak	Average	Quai-peak	Average		
1	0.1546	46.20	32.27	65.75	55.75	Line	PASS
2	0.1859	44.84	33.98	64.22	54.22		PASS
3	0.5367	46.19	38.68	56.00	46.00		PASS
4	0.6050	52.04	43.47	56.00	46.00		PASS
5	1.0277	33.35	24.02	56.00	46.00		PASS
6	1.6080	27.94	20.53	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	0.1590	43.40	28.36	65.52	55.52	Neutral	PASS
2	0.3573	41.74	27.67	58.79	48.79		PASS
3	0.4646	42.07	28.71	56.61	46.61		PASS
4	0.5958	46.36	31.19	56.00	46.00		PASS
5	0.7891	39.63	26.06	56.00	46.00		PASS
6	1.2745	36.09	24.02	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

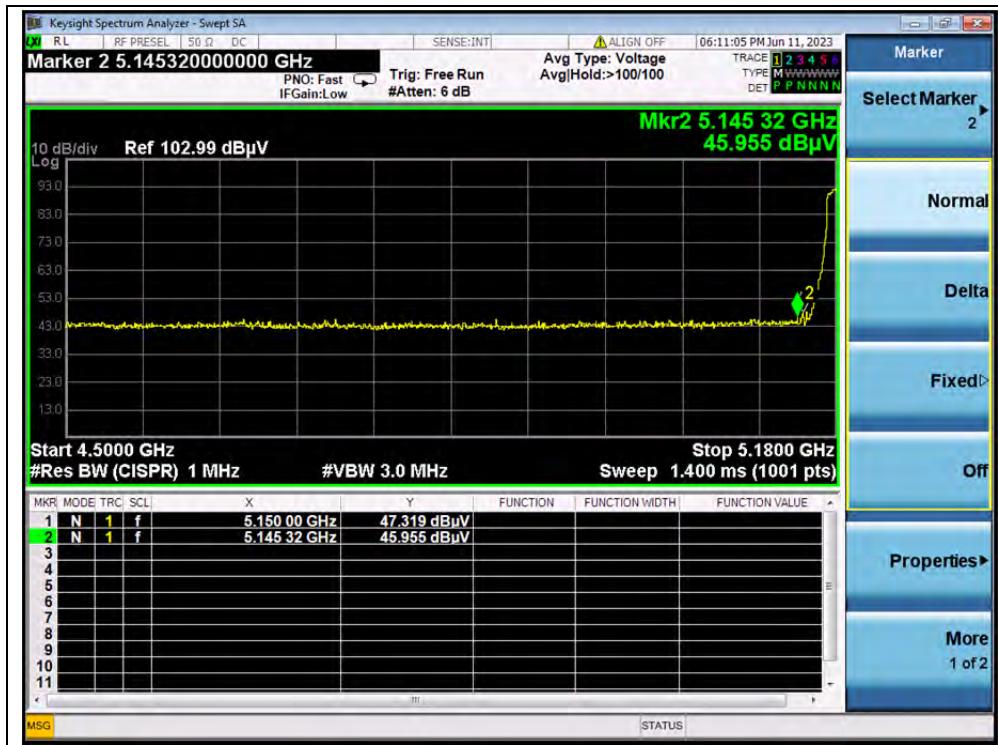
A_{Factor} : Antenna Factor at 3m

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.

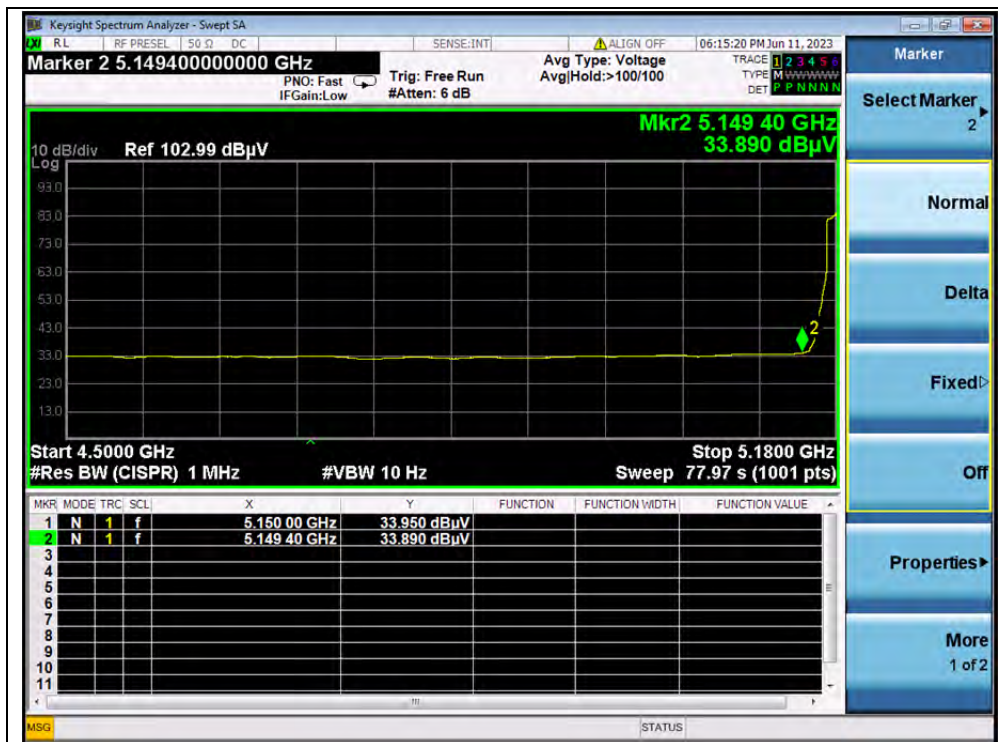
Note 2: All test modes and bandwidth were considered and evaluated respectively by performing full test, only the worst data were recorded for each bandwidth.

802.11a Mode

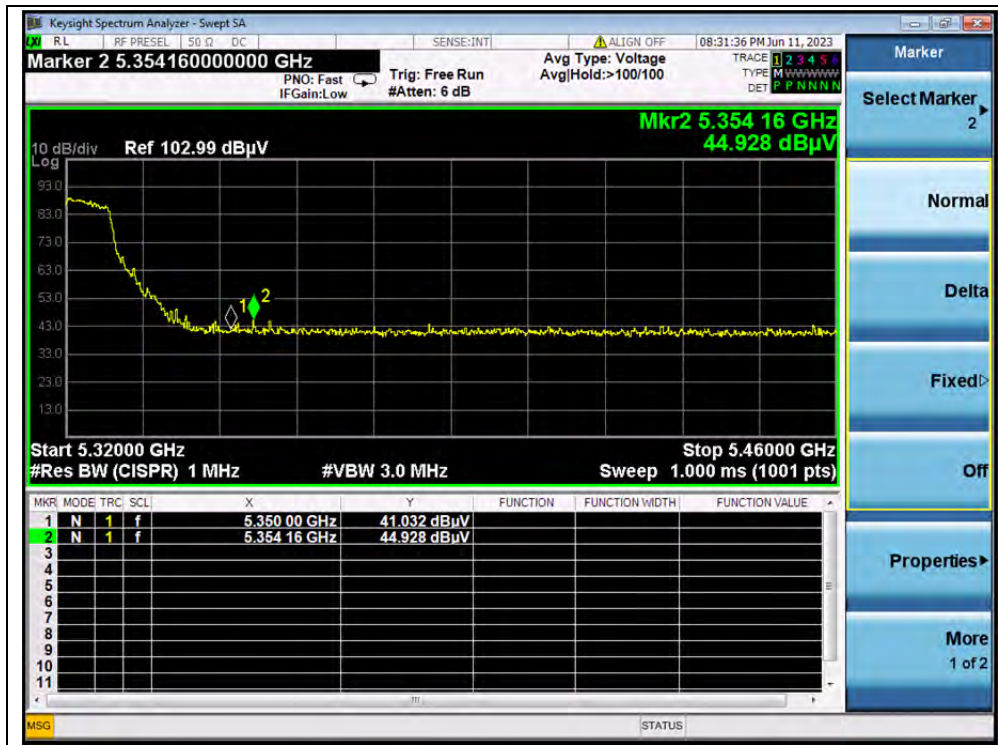
Channel	Frequency (MHz)	Detector	Receiver Reading	A_T (dB)	A_{Factor} (dB@3m)	Max. Emission E (dB μ V/m)	Limit (dB μ V/m)	Verdict
		PK/ AV	U_R (dB μ V)					
36	5150.00	PK	47.32	-19.54	32.20	59.98	74	PASS
36	5150.00	AV	33.95	-19.54	32.20	46.61	54	PASS
64	5354.16	PK	44.93	-18.80	32.20	58.33	74	PASS
64	5350.10	AV	32.31	-18.80	32.20	45.71	54	PASS
100	5098.00	PK	45.78	-19.20	32.20	58.78	74	PASS
100	5118.00	AV	33.47	-19.20	32.20	46.47	54	PASS
144	5822.10	PK	45.80	-19.20	32.20	58.80	68.23	PASS
149	5725.00	PK	47.30	-19.01	32.20	60.49	122.23	PASS
165	5850.00	PK	43.15	-19.01	32.20	56.34	122.23	PASS



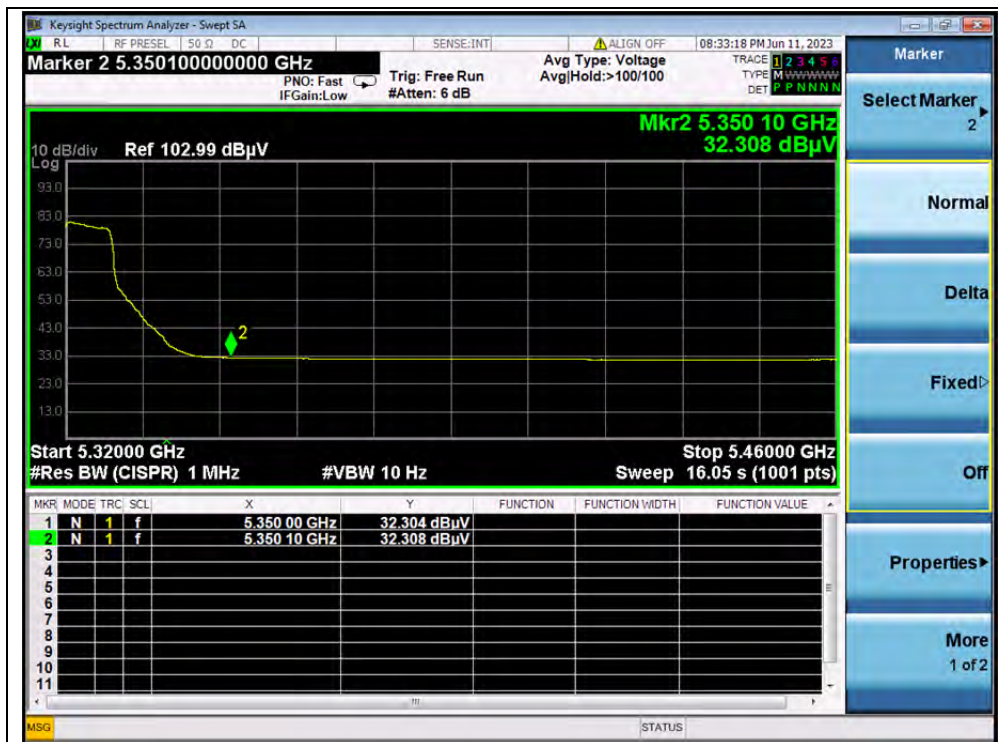
(PEAK, Channel 36, 802.11a)



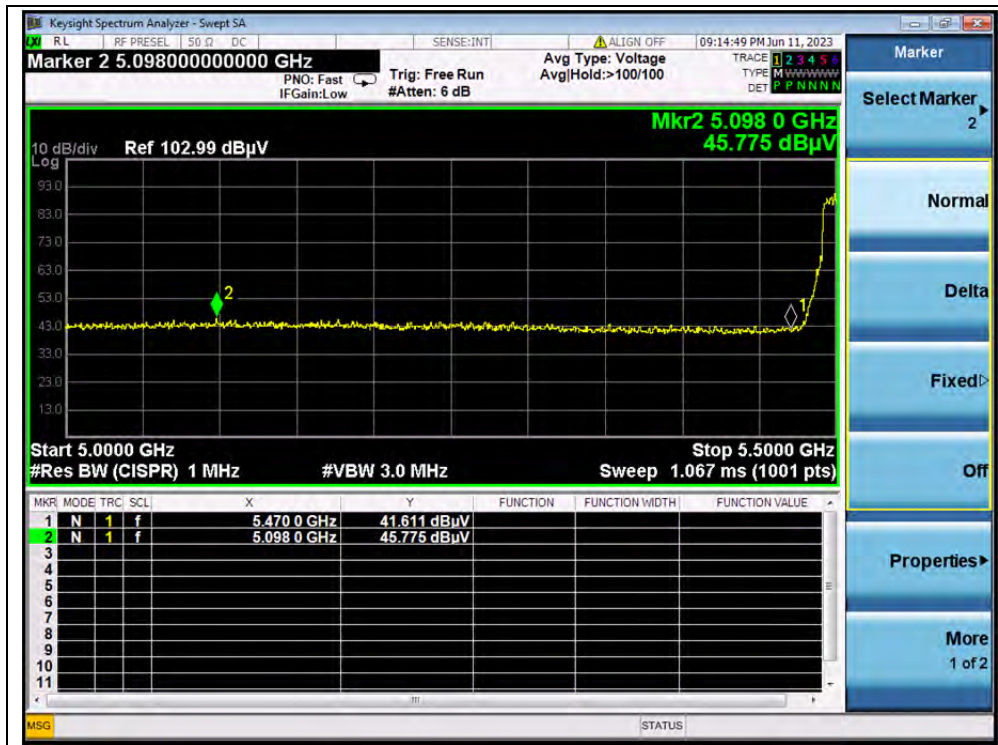
(AVERAGE, Channel 36, 802.11a)



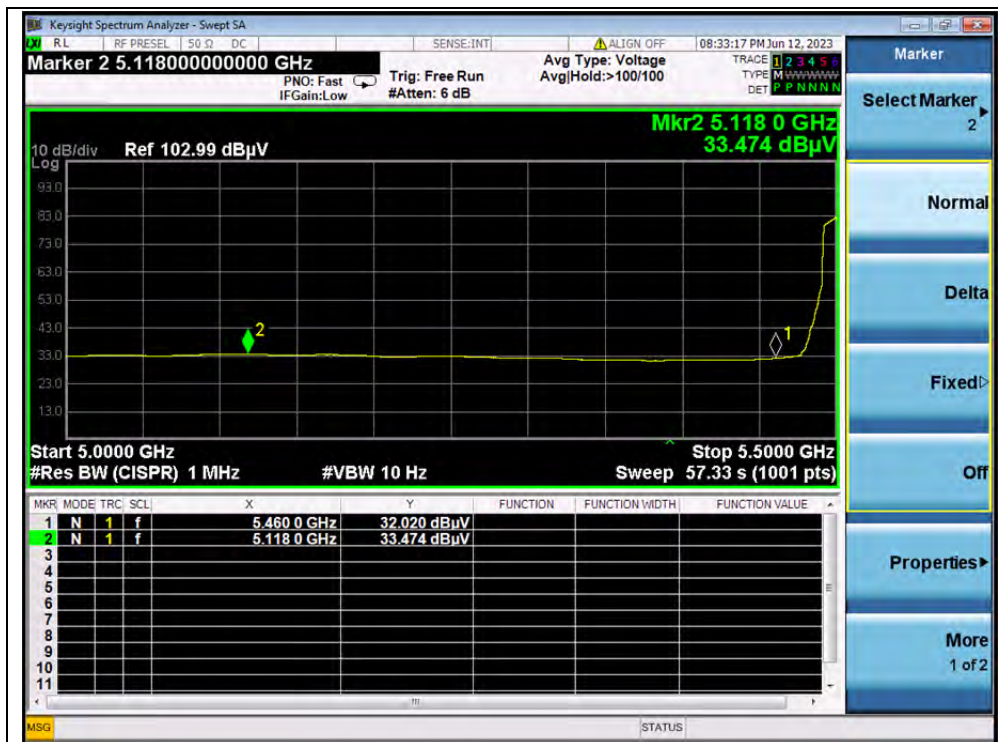
(PEAK, Channel 64, 802.11a)



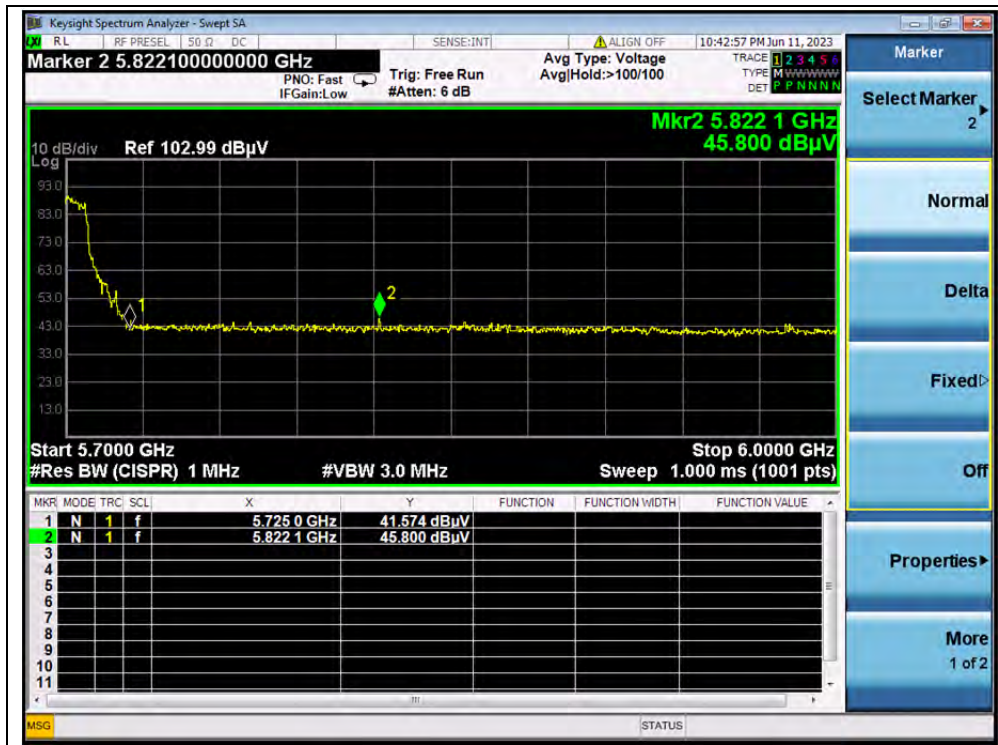
(AVERAGE, Channel 64, 802.11a)



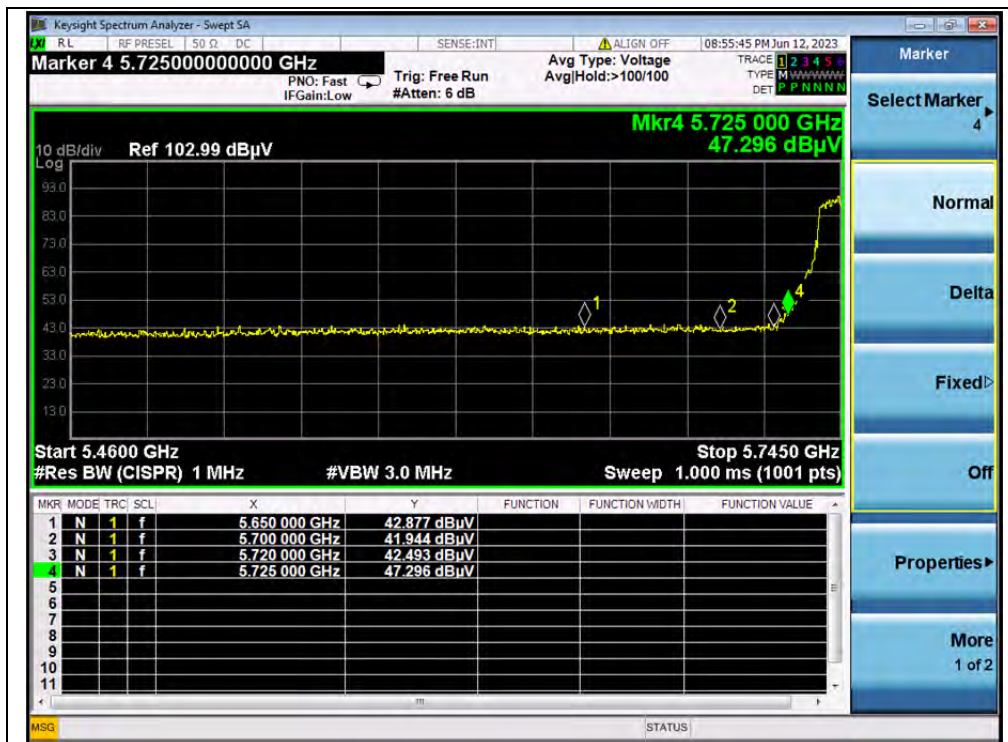
(PEAK, Channel 100, 802.11a)



(AVERAGE, Channel 100, 802.11a)



(PEAK, Channel 144, 802.11a)

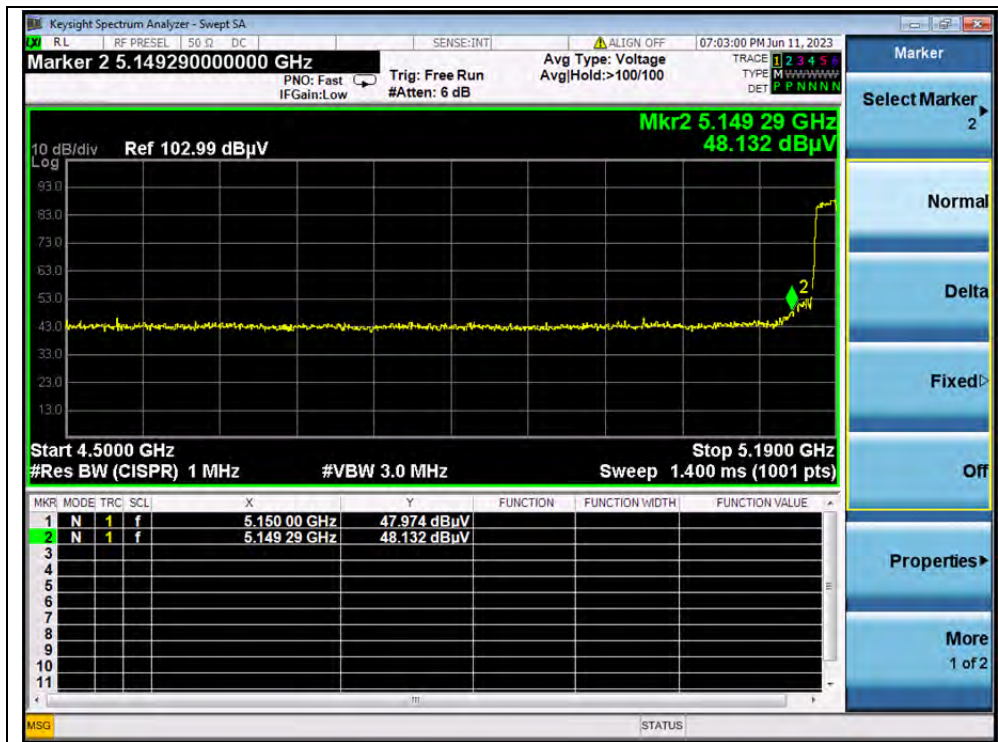


(PEAK, Channel 149, 802.11a)

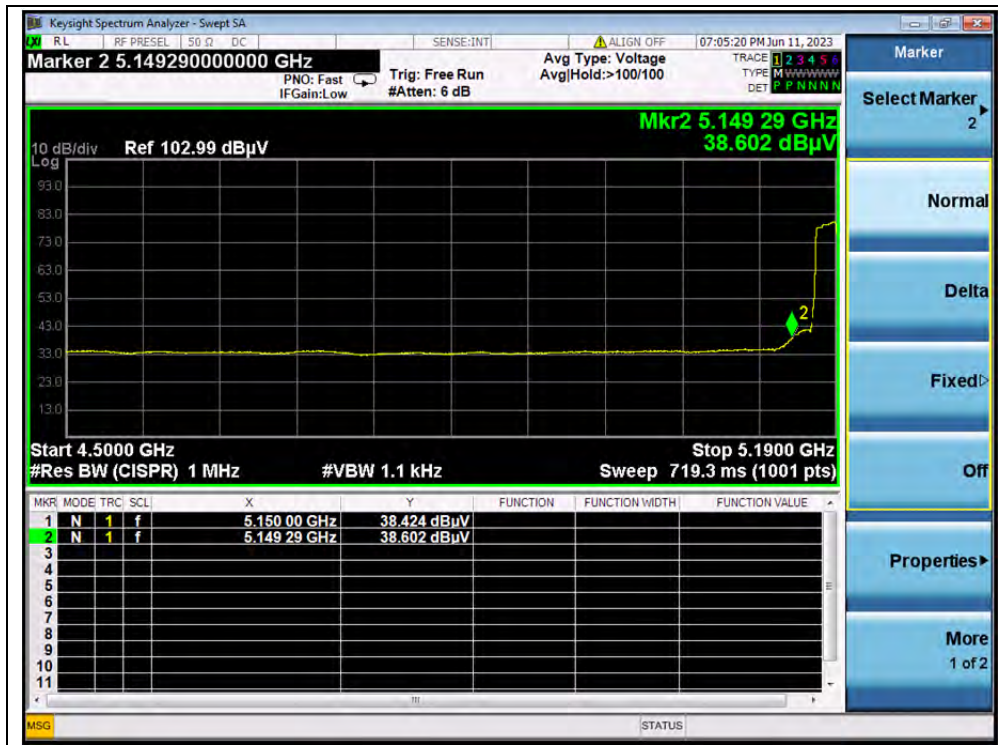


802.11n (HT40) Mode

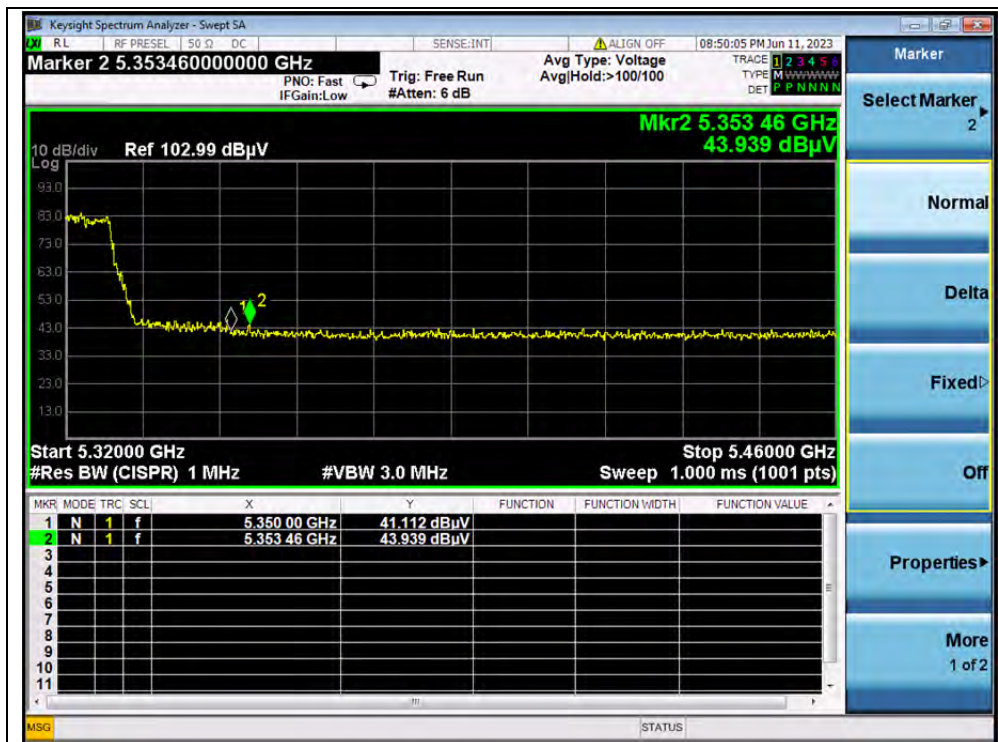
Channel	Frequency (MHz)	Detector	Receiver Reading	A _T (dB)	A _{Factor} (dB@3m)	Max. Emission E (dBμV/m)	Limit (dBμV/m)	Verdict
		PK/ AV	U _R (dBμV)					
38	5149.29	PK	48.13	-19.54	32.20	60.79	74	PASS
38	5149.29	AV	38.60	-19.54	32.20	51.26	54	PASS
62	5353.46	PK	43.94	-18.80	32.20	57.34	74	PASS
62	5350.52	AV	35.38	-18.80	32.20	48.78	54	PASS
102	5245.96	PK	45.42	-19.20	32.20	58.42	68.23	PASS
102	5106.08	AV	34.49	-19.20	32.20	47.49	54	PASS
142	5846.22	PK	44.47	-19.20	32.20	57.47	68.23	PASS
151	5725.00	PK	49.93	-19.01	32.20	63.12	122.23	PASS
159	5855.00	PK	42.37	-19.01	32.20	55.56	110.83	PASS



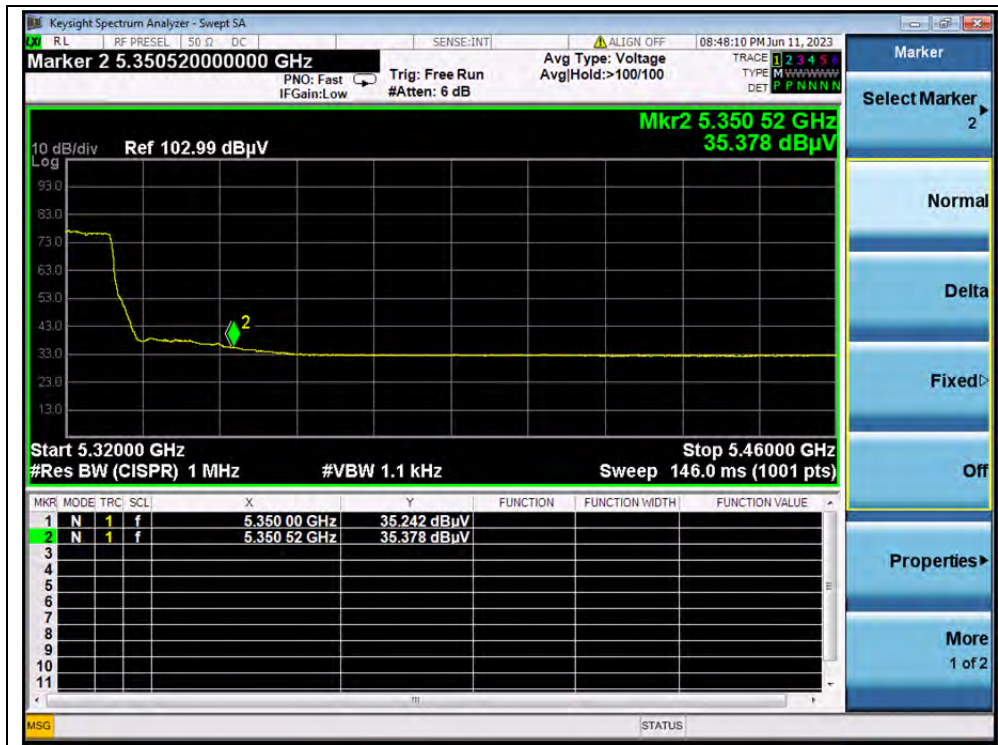
(PEAK, Channel 38, 802.11n (HT40))



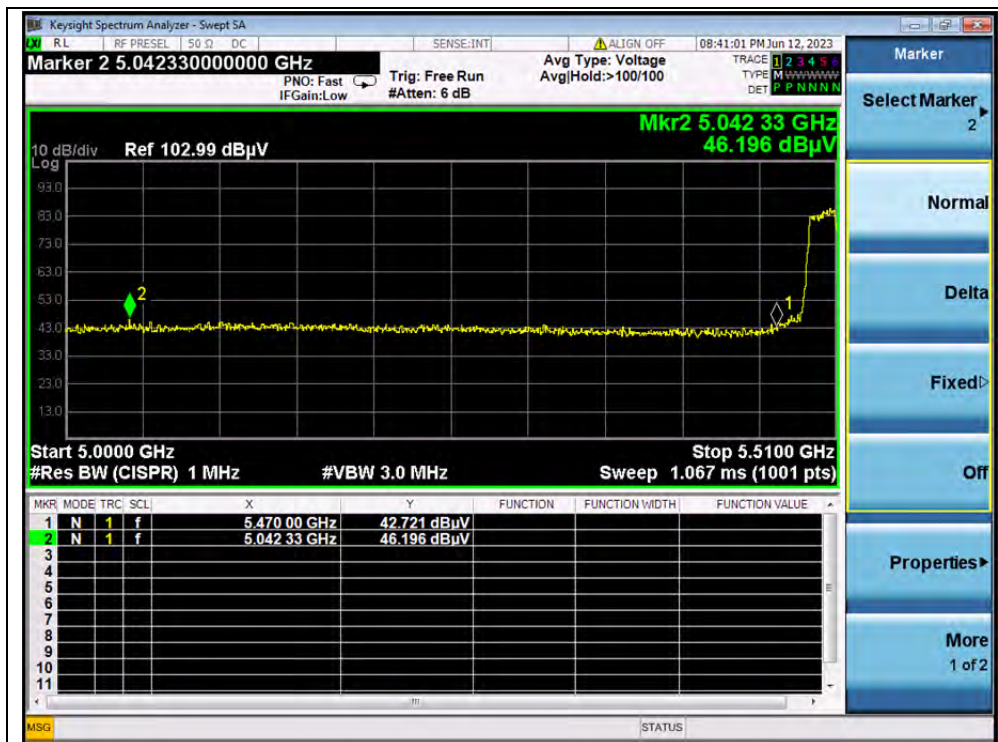
(AVERAGE, Channel 38, 802.11n (HT40))



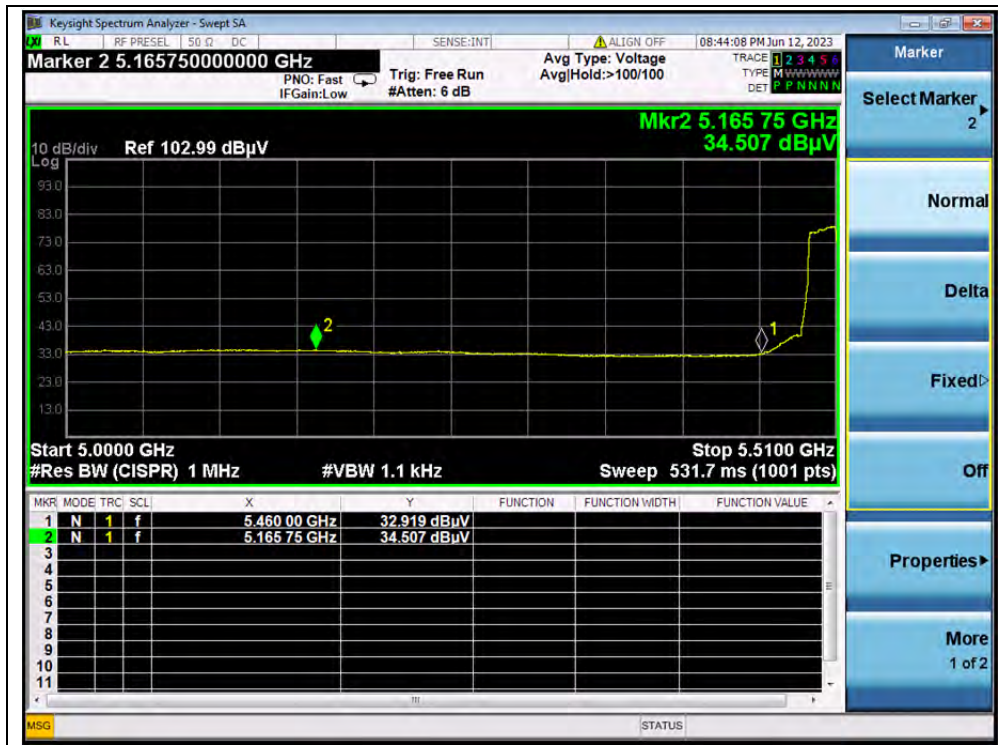
(PEAK, Channel 62, 802.11n (HT40))



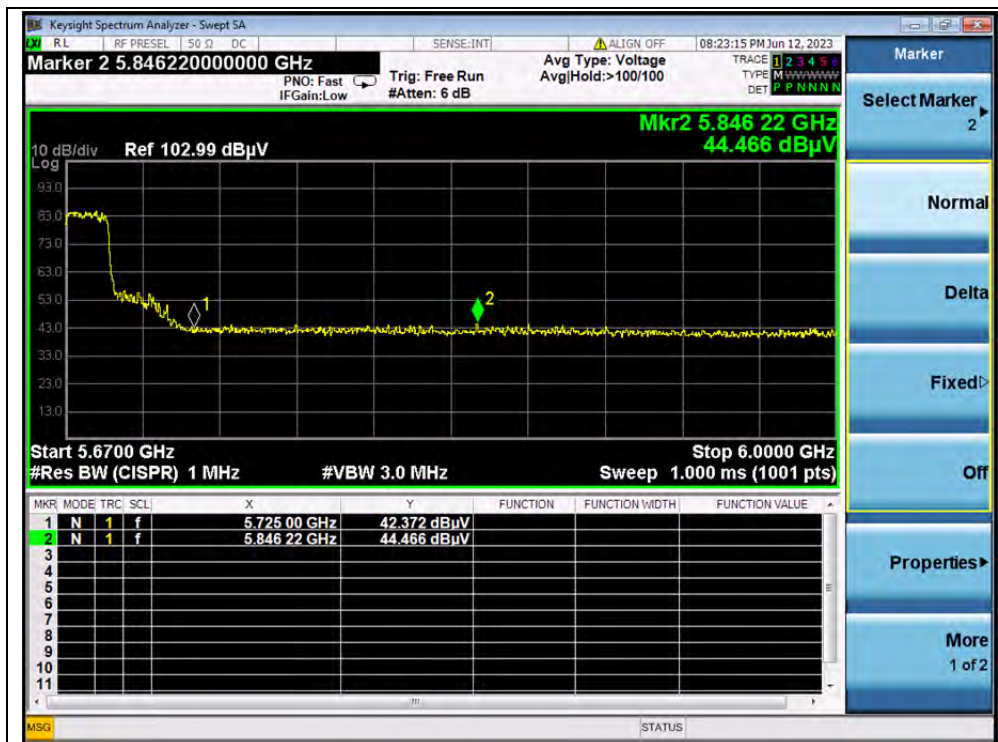
(AVERAGE, Channel 62, 802.11n (HT40))



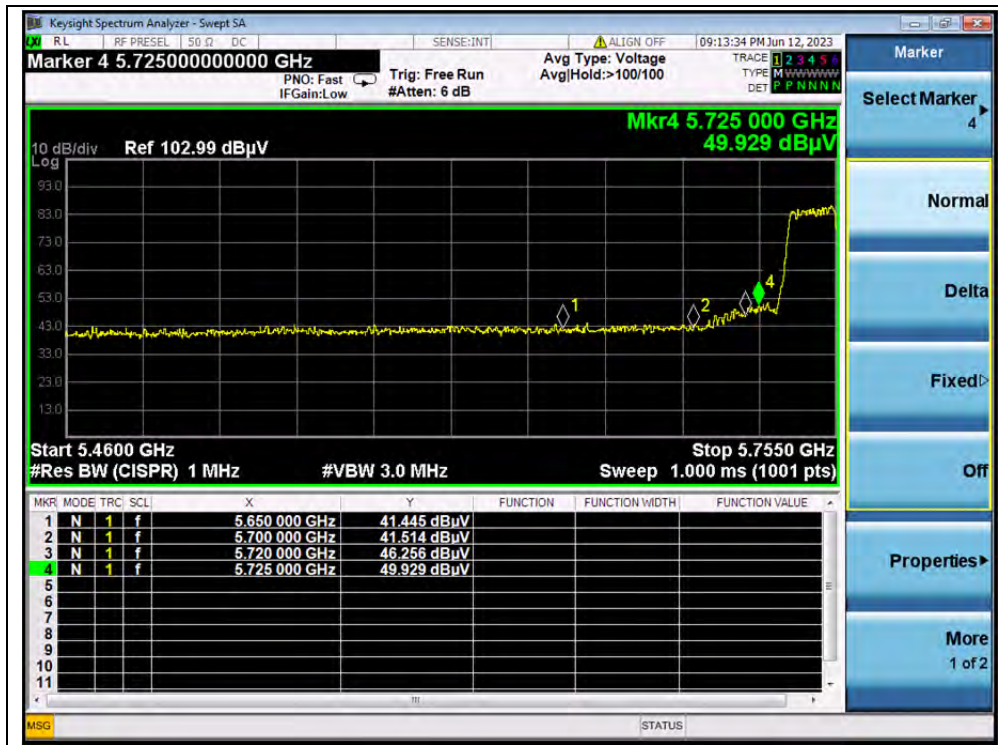
(PEAK, Channel 102, 802.11n (HT40))



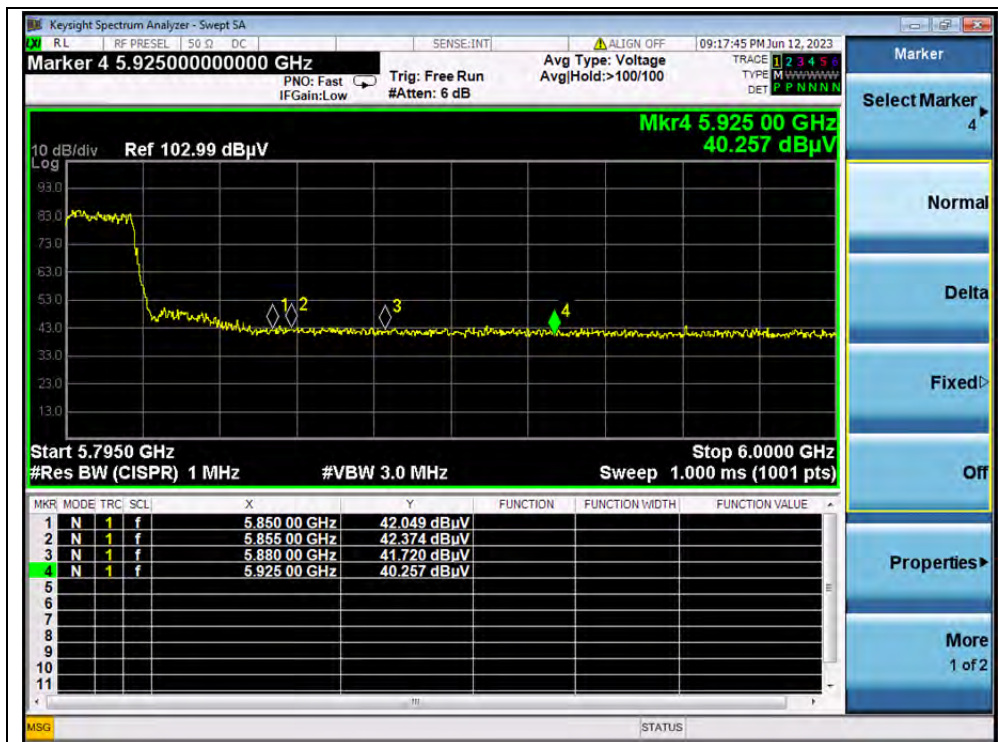
(AVERAGE, Channel 102, 802.11n (HT40))



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



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

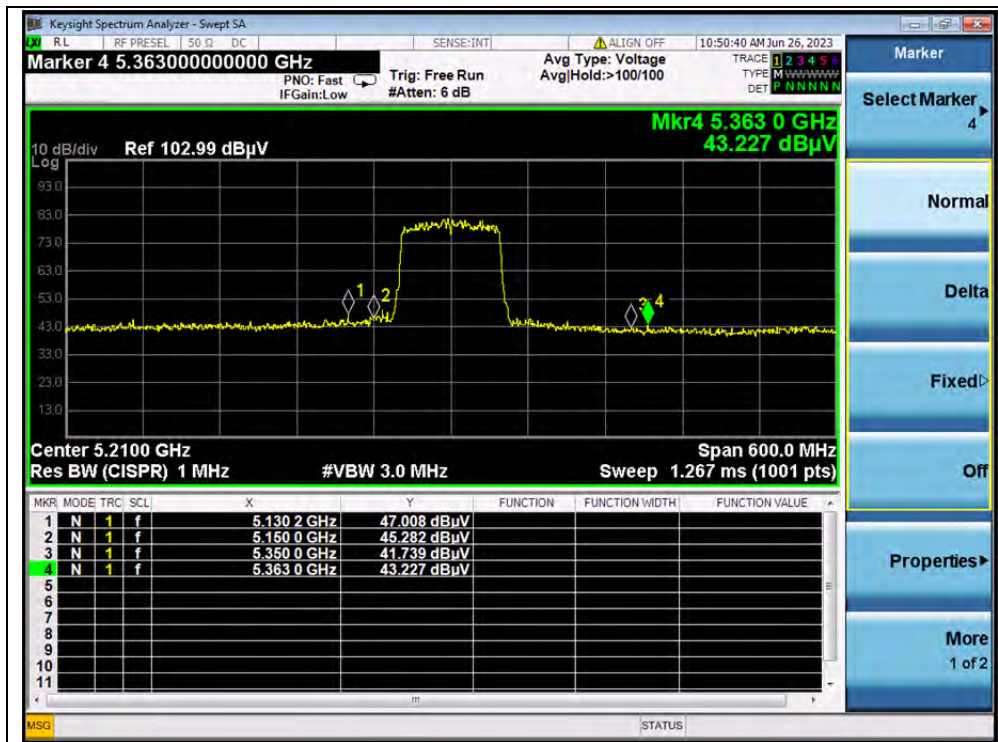


(PEAK, Channel 159, 802.11n (HT40))

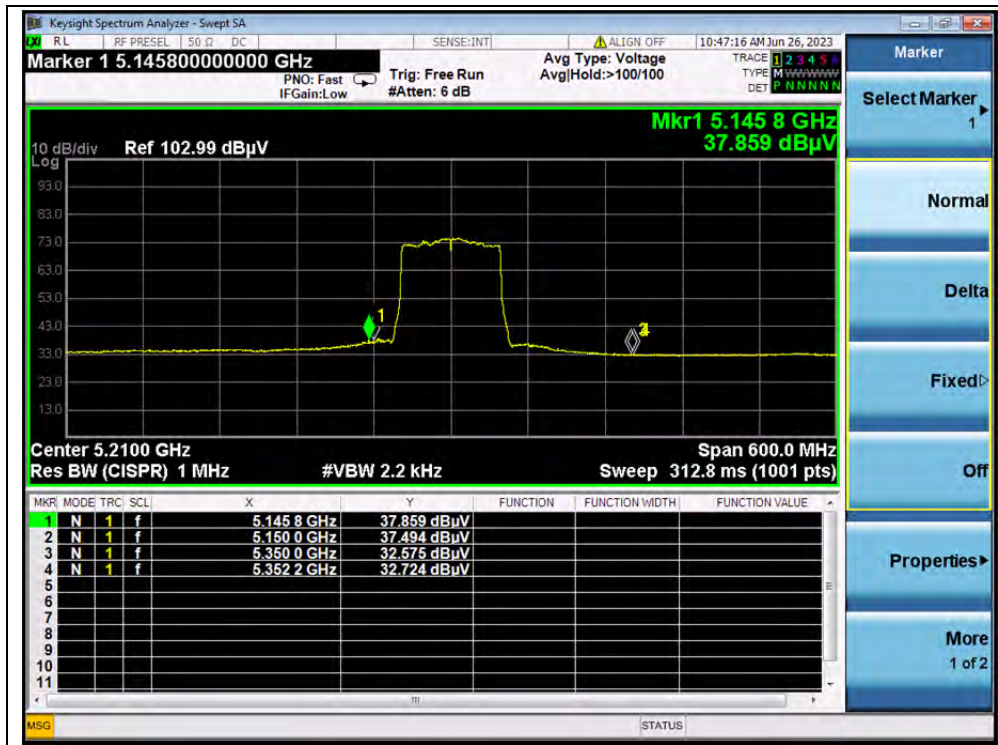


802.11ac (VHT80) Mode

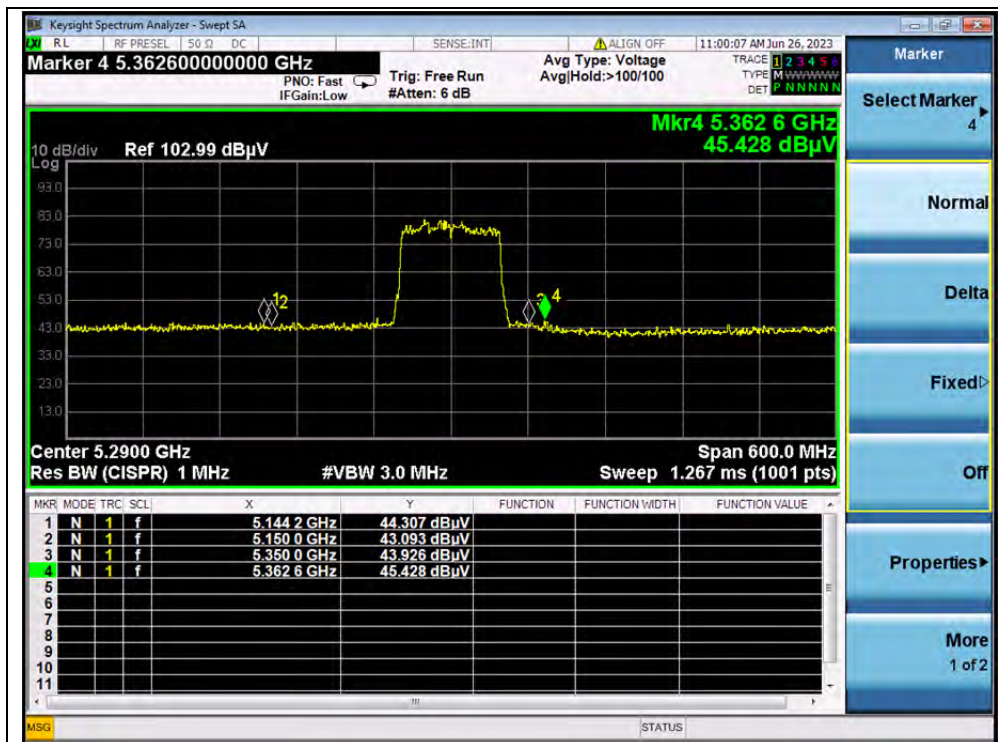
Channel	Frequency (MHz)	Detector	Receiver Reading	A_T	A_{Factor}	Max. Emission	Limit (dB μ V/m)	Verdict
		PK/ AV	U_R (dB μ V)	(dB)	(dB@3m)	E (dB μ V/m)		
42	5130.20	PK	47.01	-19.54	32.20	59.67	74	PASS
42	5145.80	AV	37.86	-19.54	32.20	50.52	54	PASS
58	5362.60	PK	45.43	-18.80	32.20	58.83	74	PASS
58	5350.00	AV	36.24	-18.80	32.20	49.64	54	PASS
106	5470.00	PK	43.31	-19.20	32.20	56.31	68.23	PASS
106	5458.45	AV	35.13	-19.20	32.20	48.13	54	PASS
138	5819.04	PK	44.53	-19.20	32.20	57.53	68.23	PASS
155	5725.00	PK	46.05	-19.01	32.20	59.24	122.23	PASS
155	5850.00	PK	43.89	-19.01	32.20	57.08	122.23	PASS



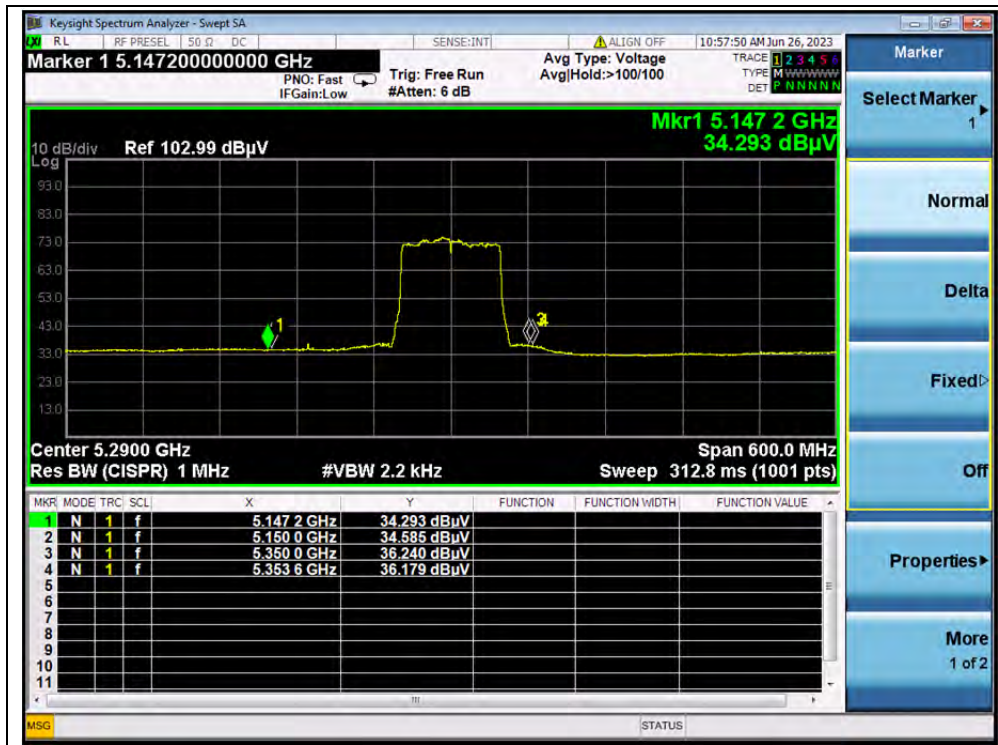
(PEAK, Channel 42, 802.11ac (VHT80))



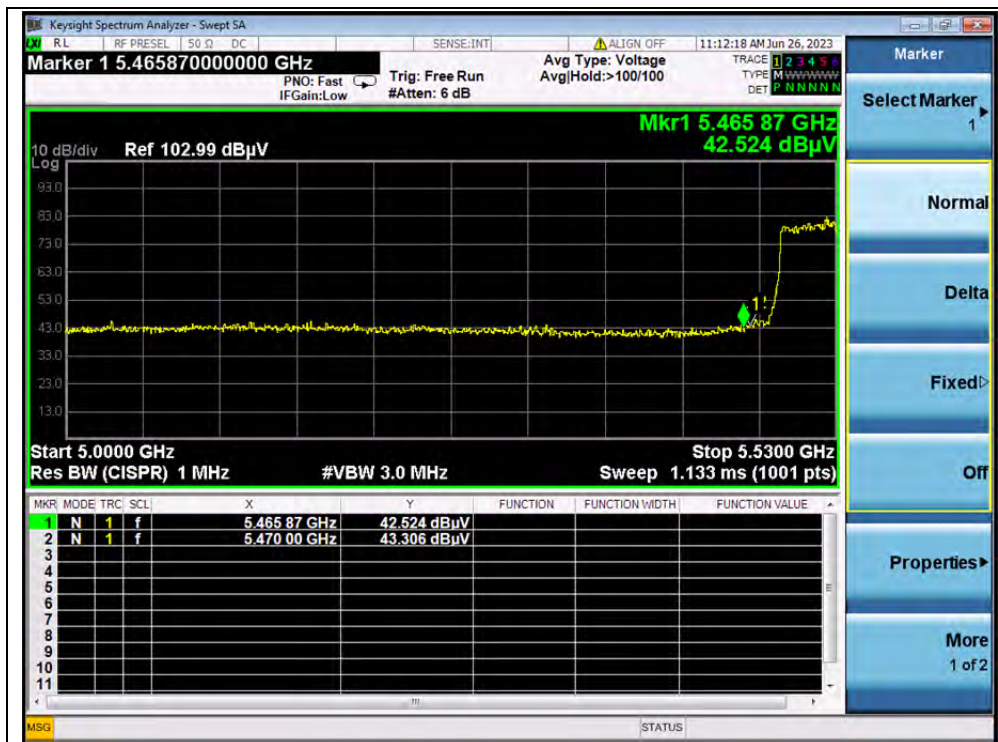
(AVERAGE, Channel 42, 802.11ac (VHT80))



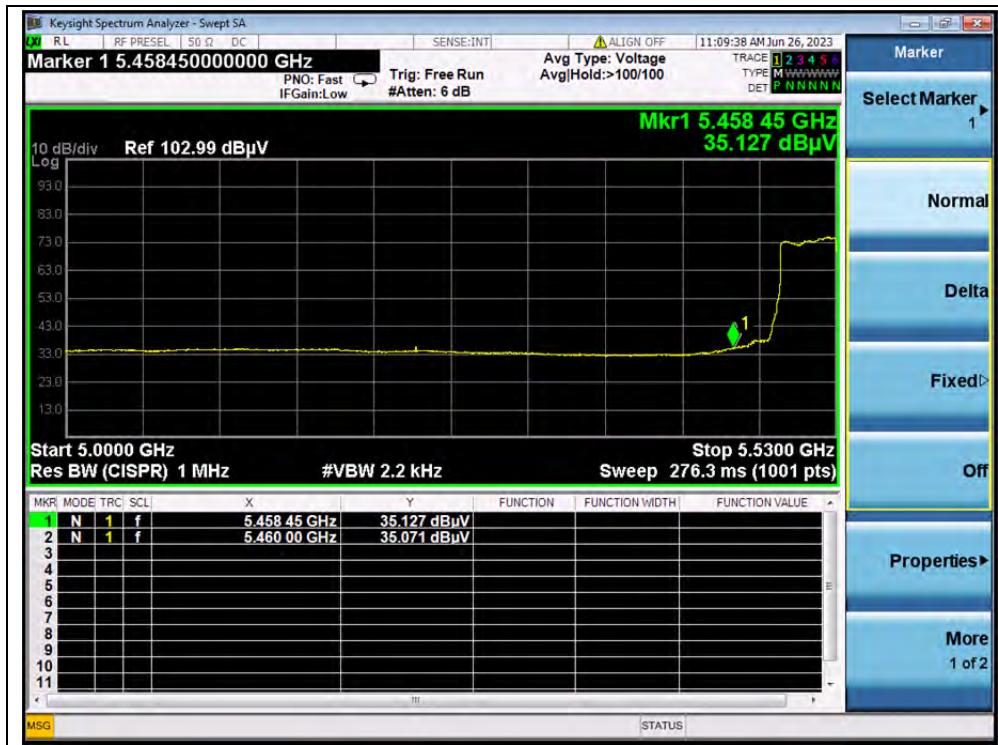
(PEAK, Channel 58, 802.11ac (VHT80))



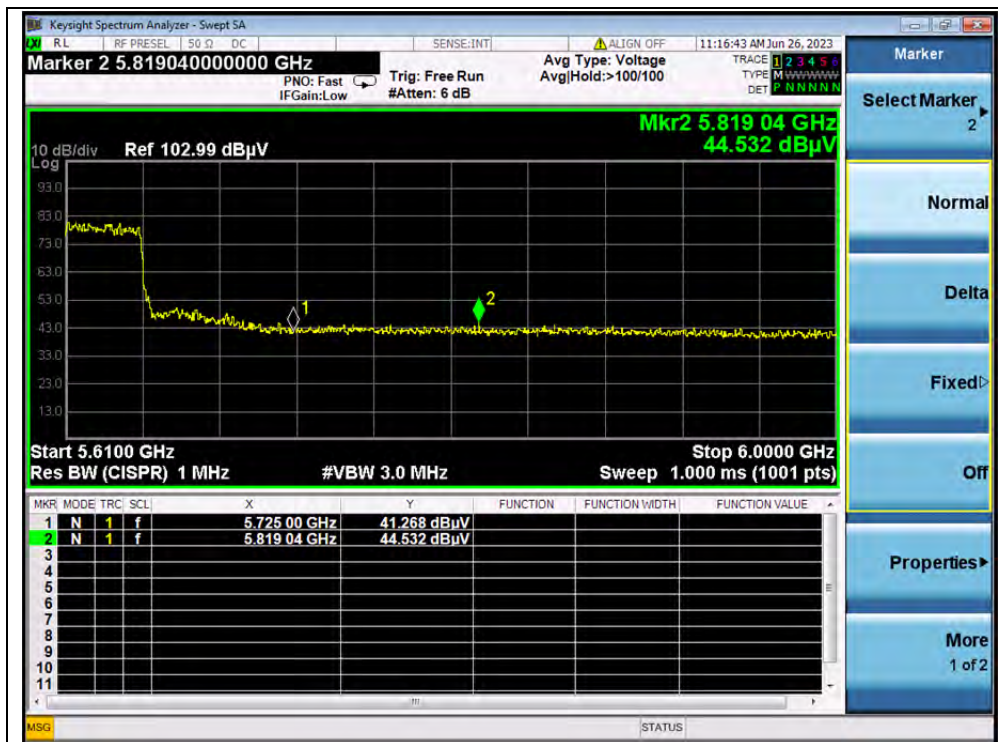
(AVERAGE, Channel 58, 802.11ac (VHT80))



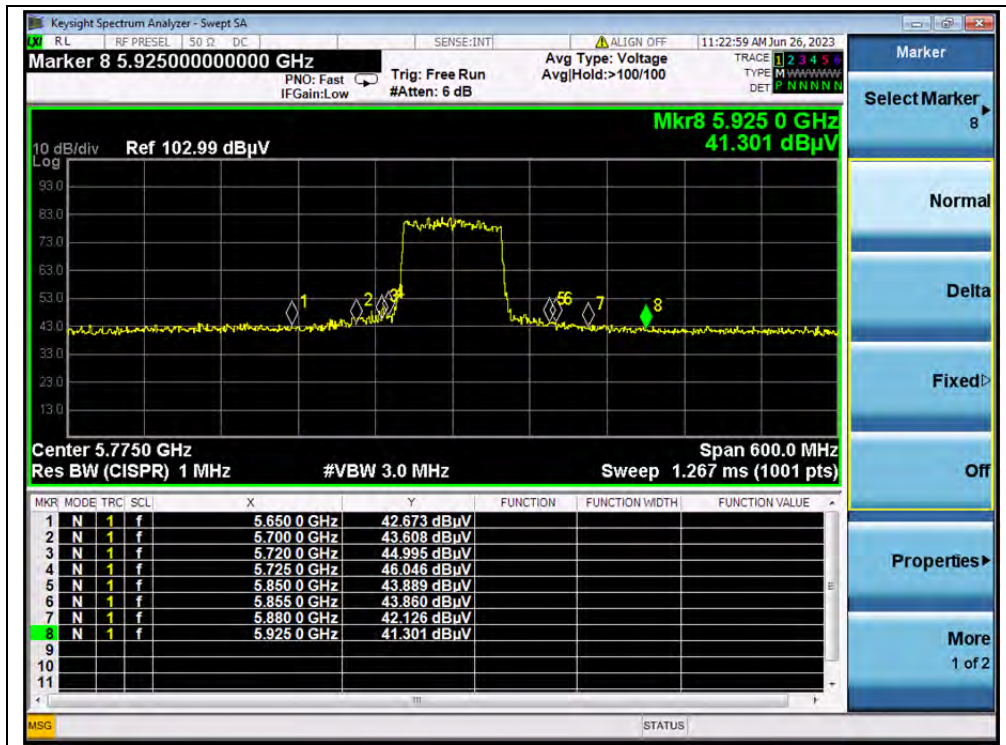
(PEAK, Channel 106, 802.11ac (VHT80))



(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.

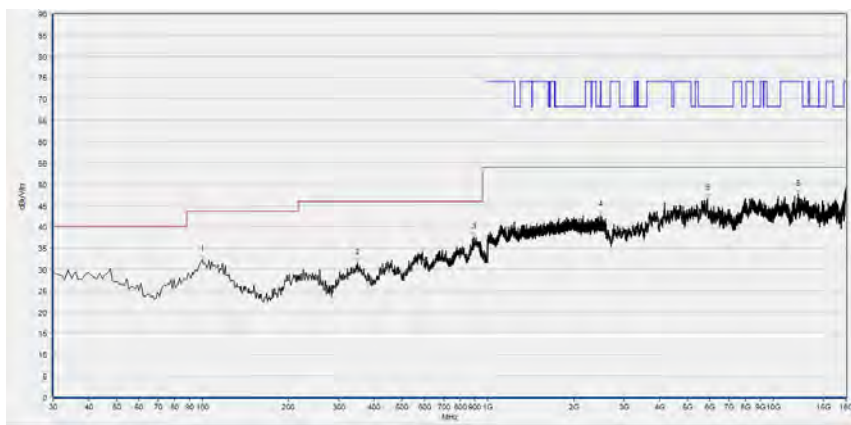
Note2: For the frequency, which started from 9kHz to 30MHz, was pre-scanned and the result which was 20dB lower than the limit was not recorded.

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.

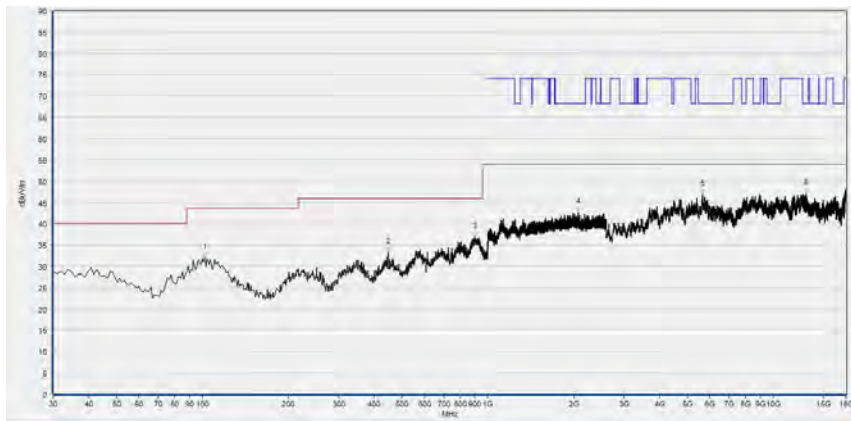
802.11a Mode

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
99.840	32.12	N/A	N/A	N/A	43.50	N/A	Horizontal	PASS
350.100	31.49	N/A	N/A	N/A	46.00	N/A	Horizontal	PASS
895.240	37.58	N/A	N/A	N/A	46.00	N/A	Horizontal	PASS
2482.667	42.79	N/A	N/A	68.23	N/A	N/A	Horizontal	PASS
5877.120	46.60	N/A	N/A	68.23	N/A	N/A	Horizontal	PASS
12209.600	47.55	N/A	N/A	74.00	N/A	54.00	Horizontal	PASS

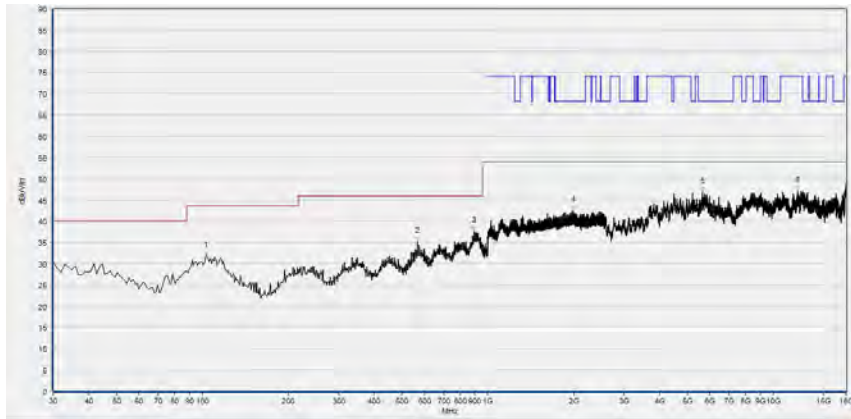
(Antenna Horizontal, 30MHz to 18GHz)



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	31.98	N/A	N/A	N/A	43.50	N/A	Vertical	PASS
448.070	33.31	N/A	N/A	N/A	46.00	N/A	Vertical	PASS
897.180	36.91	N/A	N/A	N/A	46.00	N/A	Vertical	PASS
2076.800	42.72	N/A	N/A	68.23	N/A	N/A	Vertical	PASS
5652.280	46.89	N/A	N/A	68.23	N/A	N/A	Vertical	PASS
13072.000	47.02	N/A	N/A	68.23	N/A	N/A	Vertical	PASS

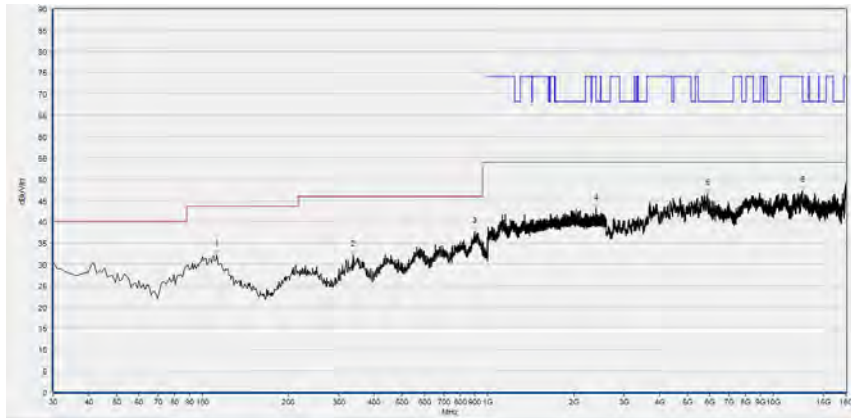
(Antenna Vertical, 30MHz to 18GHz)

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
102.750	31.81	N/A	N/A	N/A	43.50	N/A	Horizontal	PASS
565.440	35.21	N/A	N/A	N/A	46.00	N/A	Horizontal	PASS
893.300	37.75	N/A	N/A	N/A	46.00	N/A	Horizontal	PASS
1988.267	42.65	N/A	N/A	68.23	N/A	N/A	Horizontal	PASS
5636.880	46.93	N/A	N/A	68.23	N/A	N/A	Horizontal	PASS
12141.840	47.06	N/A	N/A	74.00	N/A	54.00	Horizontal	PASS

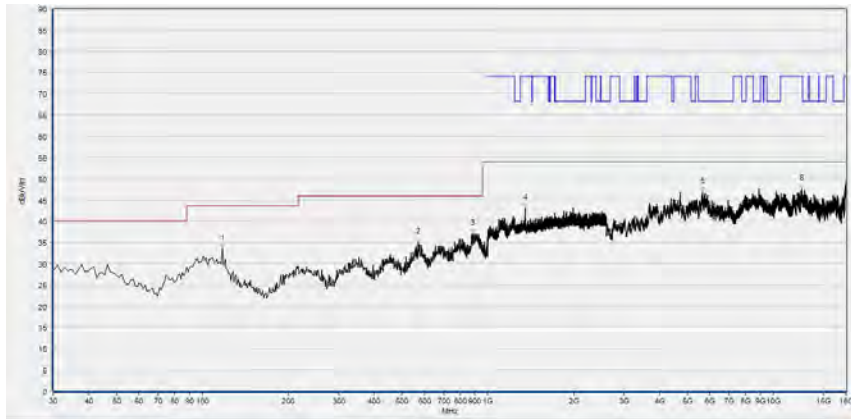
(Antenna Horizontal, 30MHz to 18GHz)



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
112.450	32.26	N/A	N/A	N/A	43.50	N/A	Vertical	PASS
337.490	32.12	N/A	N/A	N/A	46.00	N/A	Vertical	PASS
897.180	37.67	N/A	N/A	N/A	46.00	N/A	Vertical	PASS
2392.000	43.13	N/A	N/A	68.23	N/A	N/A	Vertical	PASS
5883.280	46.58	N/A	N/A	68.23	N/A	N/A	Vertical	PASS
12687.000	47.25	N/A	N/A	74.00	N/A	54.00	Vertical	PASS

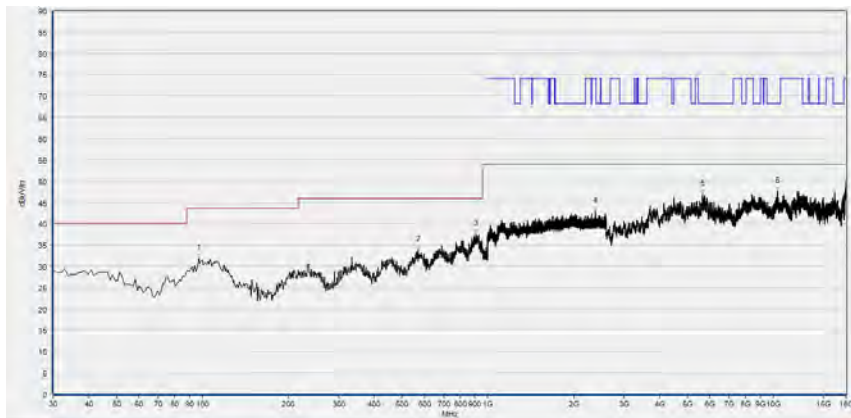
(Antenna Vertical, 30MHz to 18GHz)

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
117.300	33.59	N/A	N/A	N/A	43.50	N/A	Horizontal	PASS
570.290	35.06	N/A	N/A	N/A	46.00	N/A	Horizontal	PASS
882.630	37.02	N/A	N/A	N/A	46.00	N/A	Horizontal	PASS
1349.867	43.12	N/A	N/A	74.00	N/A	54.00	Horizontal	PASS
5649.200	46.91	N/A	N/A	68.23	N/A	N/A	Horizontal	PASS
12610.000	47.60	N/A	N/A	74.00	N/A	54.00	Horizontal	PASS

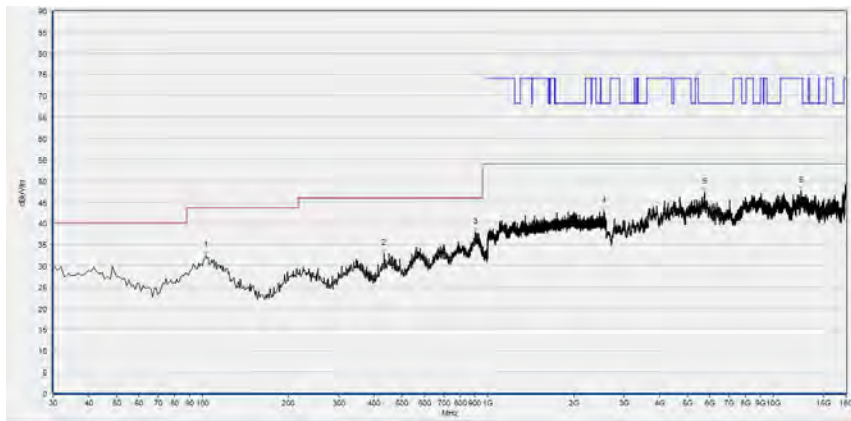
(Antenna Horizontal, 30MHz to 18GHz)



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	31.90	N/A	N/A	N/A	43.50	N/A	Vertical	PASS
569.320	33.87	N/A	N/A	N/A	46.00	N/A	Vertical	PASS
908.820	37.53	N/A	N/A	N/A	46.00	N/A	Vertical	PASS
2378.133	42.92	N/A	N/A	74.00	N/A	54.00	Vertical	PASS
5661.520	46.84	N/A	N/A	68.23	N/A	N/A	Vertical	PASS
10327.720	47.65	N/A	N/A	68.23	N/A	N/A	Vertical	PASS

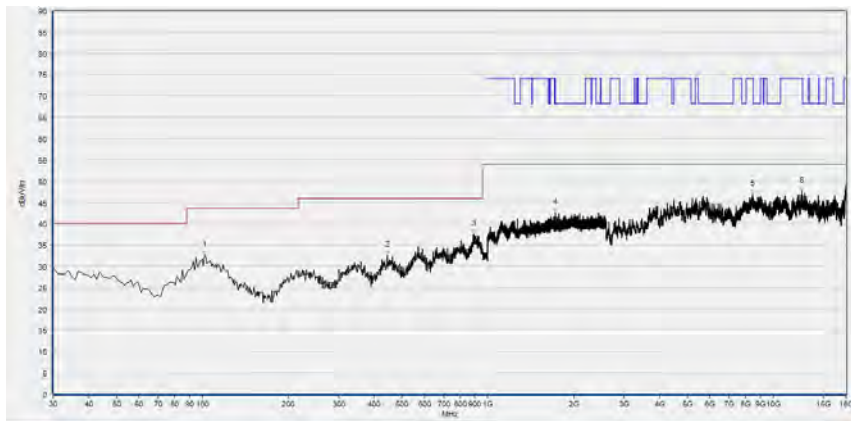
(Antenna Vertical, 30MHz to 18GHz)

Plot for Channel 52



Fre. (MHz)	PK (dBµV/m)	QP (dBµV/m)	AV (dBµV/m)	Limit-PK (dBµV/m)	Limit-QP (dBµV/m)	Limit-AV (dBµV/m)	Antenna	Verdict
102.750	32.39	N/A	N/A	N/A	43.50	N/A	Horizontal	PASS
433.520	32.85	N/A	N/A	N/A	46.00	N/A	Horizontal	PASS
903.000	37.90	N/A	N/A	N/A	46.00	N/A	Horizontal	PASS
2548.800	42.93	N/A	N/A	68.23	N/A	N/A	Horizontal	PASS
5741.600	47.30	N/A	N/A	68.23	N/A	N/A	Horizontal	PASS
12526.840	47.52	N/A	N/A	74.00	N/A	54.00	Horizontal	PASS

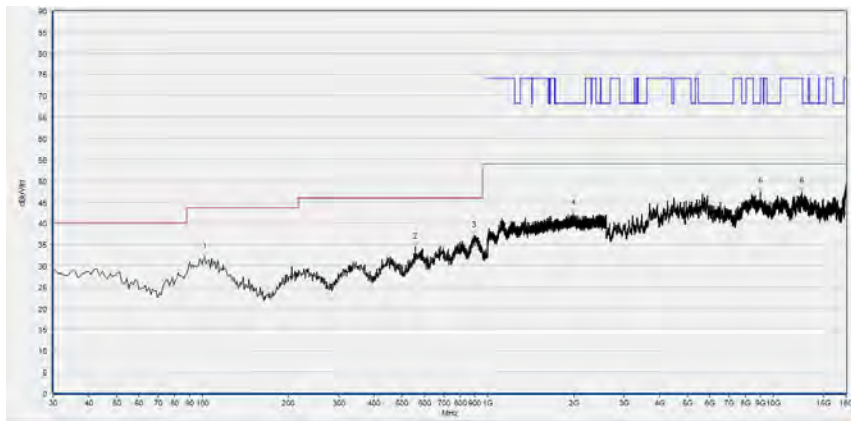
(Antenna Horizontal, 30MHz to 18GHz)



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
101.780	32.55	N/A	N/A	N/A	43.50	N/A	Vertical	PASS
444.190	32.52	N/A	N/A	N/A	46.00	N/A	Vertical	PASS
894.270	37.56	N/A	N/A	N/A	46.00	N/A	Vertical	PASS
1720.000	42.62	N/A	N/A	74.00	N/A	54.00	Vertical	PASS
8482.800	46.91	N/A	N/A	74.00	N/A	54.00	Vertical	PASS
12610.000	47.60	N/A	N/A	74.00	N/A	54.00	Vertical	PASS

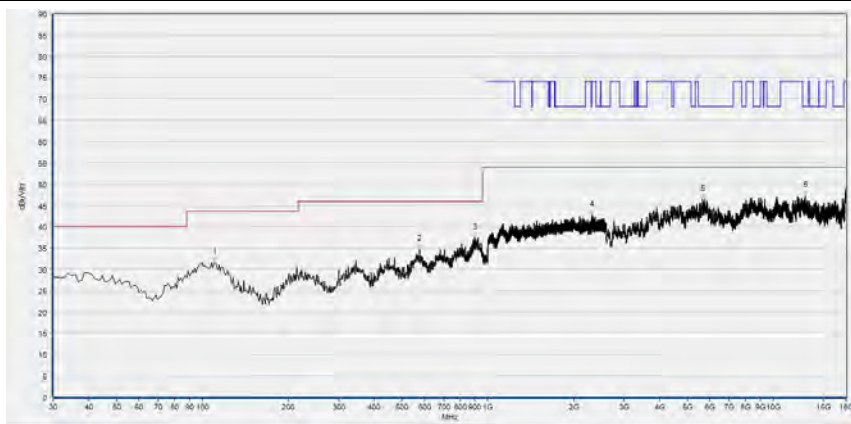
(Antenna Vertical, 30MHz to 18GHz)

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
101.780	31.97	N/A	N/A	N/A	43.50	N/A	Horizontal	PASS
557.680	34.35	N/A	N/A	N/A	46.00	N/A	Horizontal	PASS
894.270	37.09	N/A	N/A	N/A	46.00	N/A	Horizontal	PASS
1996.800	42.23	N/A	N/A	68.23	N/A	N/A	Horizontal	PASS
8994.080	47.45	N/A	N/A	68.23	N/A	N/A	Horizontal	PASS
12625.400	47.45	N/A	N/A	74.00	N/A	54.00	Horizontal	PASS

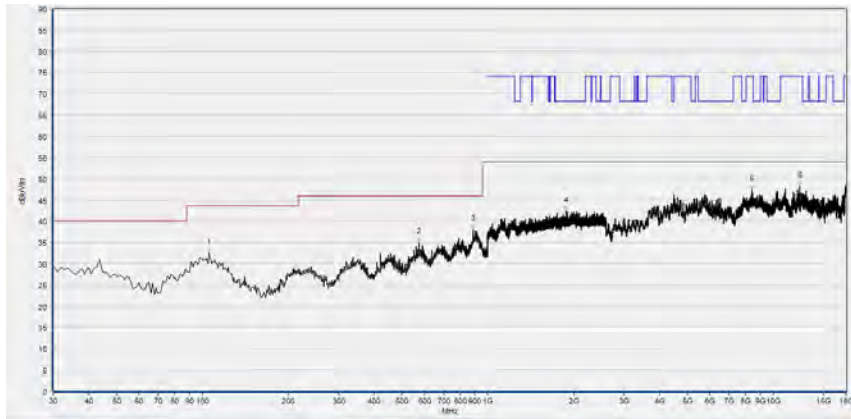
(Antenna Horizontal, 30MHz to 18GHz)



Fre. (MHz)	PK (dBμV/m)	QP (dBμV/m)	AV (dBμV/m)	Limit-PK (dBμV/m)	Limit-QP (dBμV/m)	Limit-AV (dBμV/m)	Antenna	Verdict
110.510	31.70	N/A	N/A	N/A	43.50	N/A	Vertical	PASS
577.080	34.61	N/A	N/A	N/A	46.00	N/A	Vertical	PASS
899.120	37.45	N/A	N/A	N/A	46.00	N/A	Vertical	PASS
2319.467	42.75	N/A	N/A	74.00	N/A	54.00	Vertical	PASS
5661.520	46.48	N/A	N/A	68.23	N/A	N/A	Vertical	PASS
12924.160	47.32	N/A	N/A	68.23	N/A	N/A	Vertical	PASS

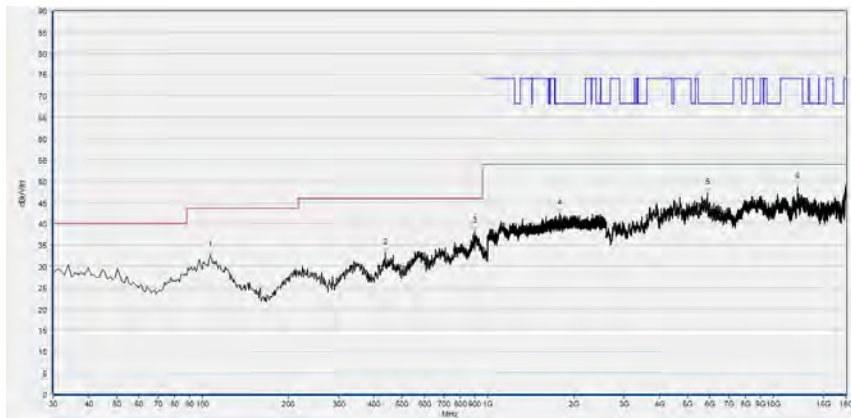
(Antenna Vertical, 30MHz to 18GHz)

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
105.660	32.51	N/A	N/A	N/A	43.50	N/A	Horizontal	PASS
575.140	35.11	N/A	N/A	N/A	46.00	N/A	Horizontal	PASS
890.390	37.99	N/A	N/A	N/A	46.00	N/A	Horizontal	PASS
1880.533	42.37	N/A	N/A	68.23	N/A	N/A	Horizontal	PASS
8402.720	47.39	N/A	N/A	74.00	N/A	54.00	Horizontal	PASS
12342.040	48.25	N/A	N/A	74.00	N/A	54.00	Horizontal	PASS

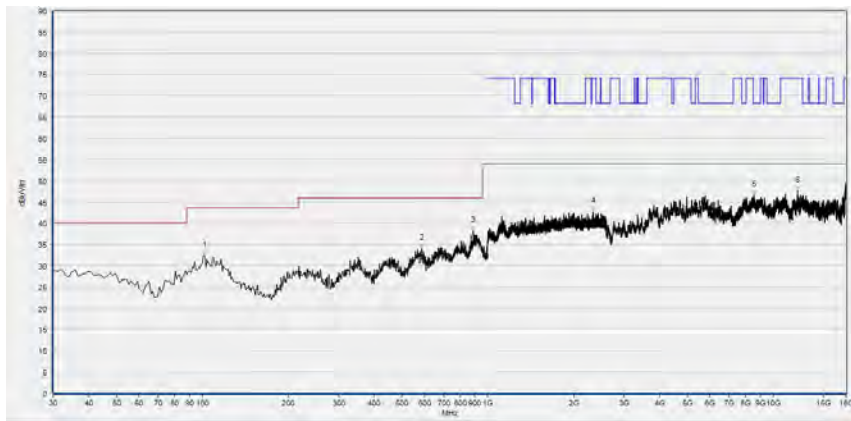
(Antenna Horizontal, 30MHz to 18GHz)



Fre. (MHz)	PK (dBµV/m)	QP (dBµV/m)	AV (dBµV/m)	Limit-PK (dBµV/m)	Limit-QP (dBµV/m)	Limit-AV (dBµV/m)	Antenna	Verdict
106.630	32.47	N/A	N/A	N/A	43.50	N/A	Vertical	PASS
436.430	33.12	N/A	N/A	N/A	46.00	N/A	Vertical	PASS
899.120	38.25	N/A	N/A	N/A	46.00	N/A	Vertical	PASS
1788.800	42.43	N/A	N/A	68.23	N/A	N/A	Vertical	PASS
5874.040	47.27	N/A	N/A	68.23	N/A	N/A	Vertical	PASS
12188.040	48.62	N/A	N/A	74.00	N/A	54.00	Vertical	PASS

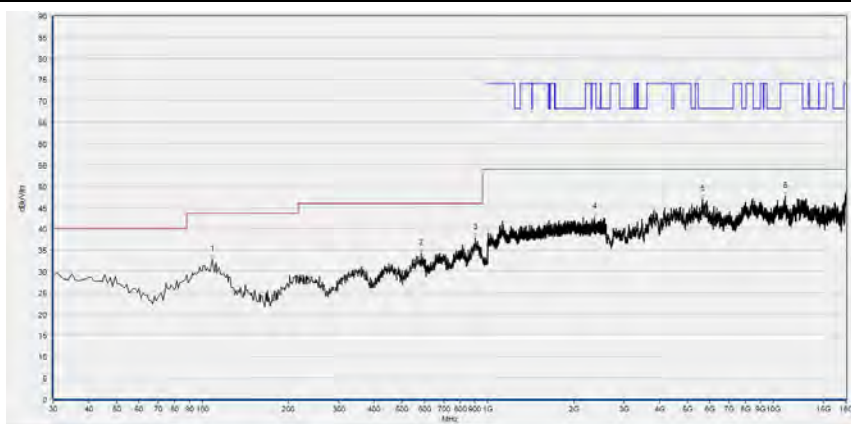
(Antenna Vertical, 30MHz to 18GHz)

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
101.780	32.35	N/A	N/A	N/A	43.50	N/A	Horizontal	PASS
585.810	34.01	N/A	N/A	N/A	46.00	N/A	Horizontal	PASS
890.390	38.20	N/A	N/A	N/A	46.00	N/A	Horizontal	PASS
2340.800	42.79	N/A	N/A	74.00	N/A	54.00	Horizontal	PASS
8569.040	46.53	N/A	N/A	68.23	N/A	N/A	Horizontal	PASS
12163.400	47.59	N/A	N/A	74.00	N/A	54.00	Horizontal	PASS

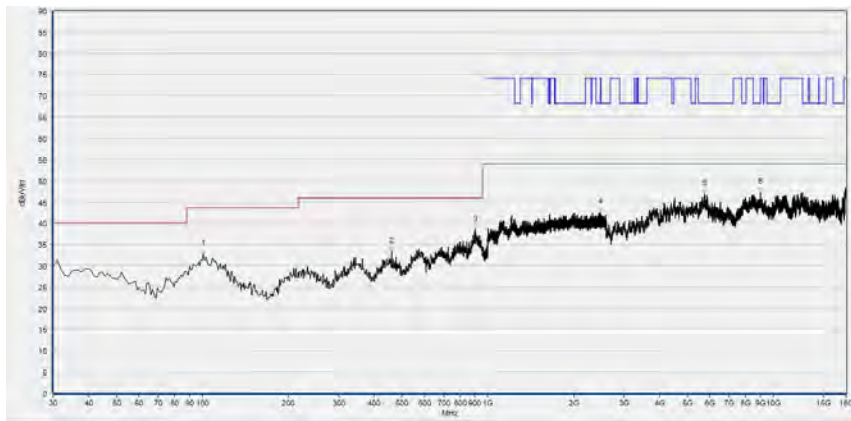
(Antenna Horizontal, 30MHz to 18GHz)



Fre. (MHz)	PK (dBµV/m)	QP (dBµV/m)	AV (dBµV/m)	Limit-PK (dBµV/m)	Limit-QP (dBµV/m)	Limit-AV (dBµV/m)	Antenna	Verdict
108.570	32.64	N/A	N/A	N/A	43.50	N/A	Vertical	PASS
582.900	34.26	N/A	N/A	N/A	46.00	N/A	Vertical	PASS
904.940	37.83	N/A	N/A	N/A	46.00	N/A	Vertical	PASS
2361.600	42.76	N/A	N/A	74.00	N/A	54.00	Vertical	PASS
5636.880	46.94	N/A	N/A	74.00	N/A	54.00	Vertical	PASS
11008.400	47.53	N/A	N/A	74.00	N/A	54.00	Vertical	PASS

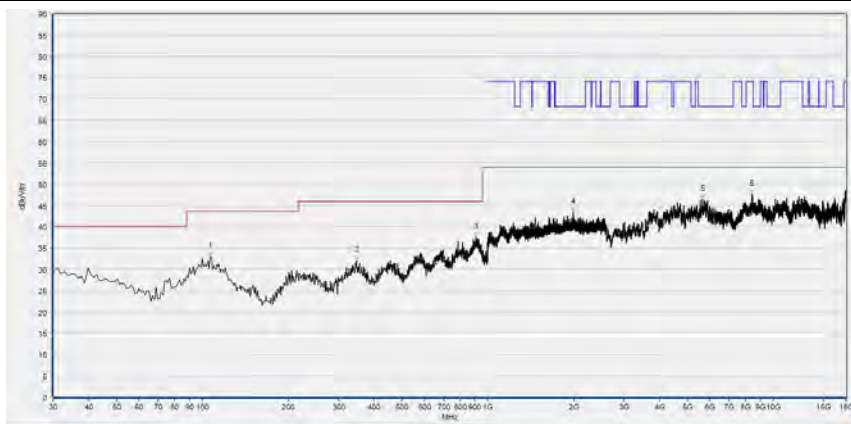
(Antenna Vertical, 30MHz to 18GHz)

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
100.810	32.73	N/A	N/A	N/A	43.50	N/A	Horizontal	PASS
459.710	33.35	N/A	N/A	N/A	46.00	N/A	Horizontal	PASS
903.000	38.41	N/A	N/A	N/A	46.00	N/A	Horizontal	PASS
2485.333	42.59	N/A	N/A	74.00	N/A	54.00	Horizontal	PASS
5760.080	46.93	N/A	N/A	68.23	N/A	N/A	Horizontal	PASS
8997.160	47.24	N/A	N/A	68.23	N/A	N/A	Horizontal	PASS

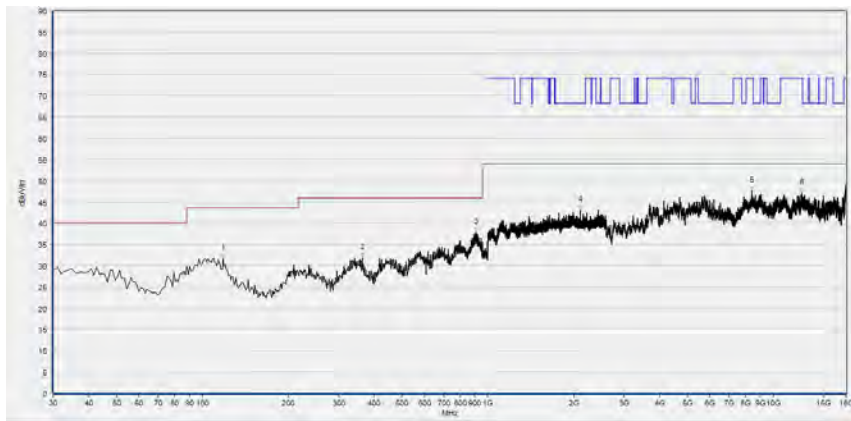
(Antenna Horizontal, 30MHz to 18GHz)



Fre. (MHz)	PK (dBμV/m)	QP (dBμV/m)	AV (dBμV/m)	Limit-PK (dBμV/m)	Limit-QP (dBμV/m)	Limit-AV (dBμV/m)	Antenna	Verdict
106.630	32.96	N/A	N/A	N/A	43.50	N/A	Vertical	PASS
347.190	32.08	N/A	N/A	N/A	46.00	N/A	Vertical	PASS
908.820	37.50	N/A	N/A	N/A	46.00	N/A	Vertical	PASS
1993.067	43.37	N/A	N/A	68.23	N/A	N/A	Vertical	PASS
5649.200	46.37	N/A	N/A	68.23	N/A	N/A	Vertical	PASS
8418.120	47.57	N/A	N/A	74.00	N/A	54.00	Vertical	PASS

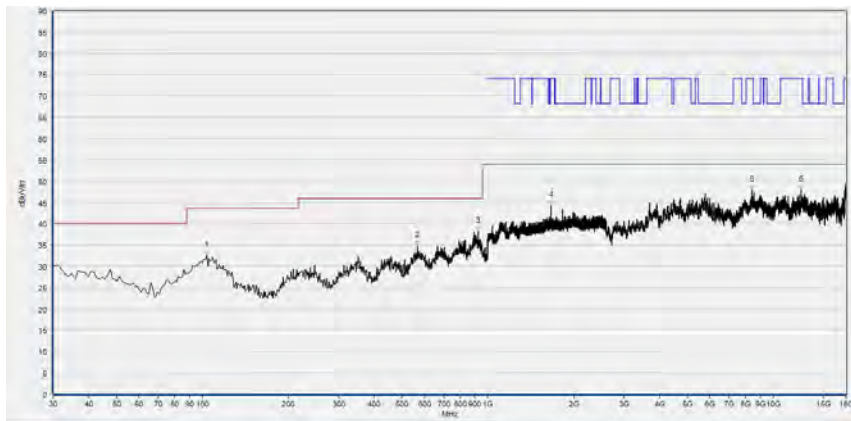
(Antenna Vertical, 30MHz to 18GHz)

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
118.270	31.71	N/A	N/A	N/A	43.50	N/A	Horizontal	PASS
363.680	31.77	N/A	N/A	N/A	46.00	N/A	Horizontal	PASS
908.820	37.83	N/A	N/A	N/A	46.00	N/A	Horizontal	PASS
2109.333	43.08	N/A	N/A	68.23	N/A	N/A	Horizontal	PASS
8418.120	47.63	N/A	N/A	74.00	N/A	54.00	Horizontal	PASS
12610.000	47.08	N/A	N/A	74.00	N/A	54.00	Horizontal	PASS

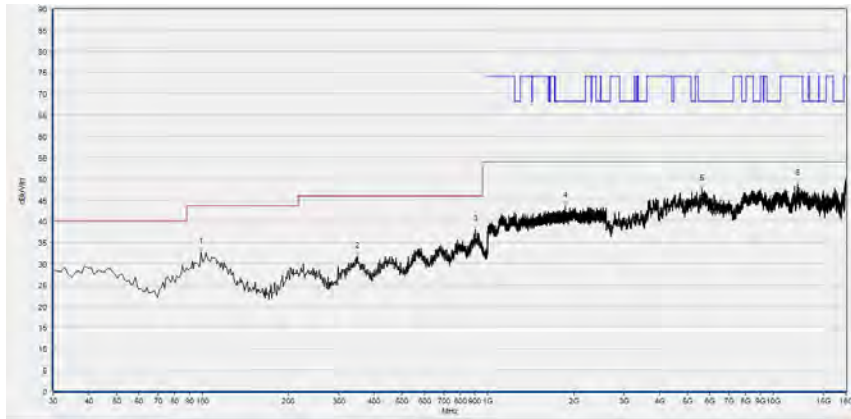
(Antenna Horizontal, 30MHz to 18GHz)



Fre. (MHz)	PK (dBμV/m)	QP (dBμV/m)	AV (dBμV/m)	Limit-PK (dBμV/m)	Limit-QP (dBμV/m)	Limit-AV (dBμV/m)	Antenna	Verdict
103.720	32.49	N/A	N/A	N/A	43.50	N/A	Vertical	PASS
565.440	34.84	N/A	N/A	N/A	46.00	N/A	Vertical	PASS
925.310	38.13	N/A	N/A	N/A	46.00	N/A	Vertical	PASS
1665.067	44.17	N/A	N/A	74.00	N/A	54.00	Vertical	PASS
8408.880	47.85	N/A	N/A	74.00	N/A	54.00	Vertical	PASS
12533.000	47.88	N/A	N/A	74.00	N/A	54.00	Vertical	PASS

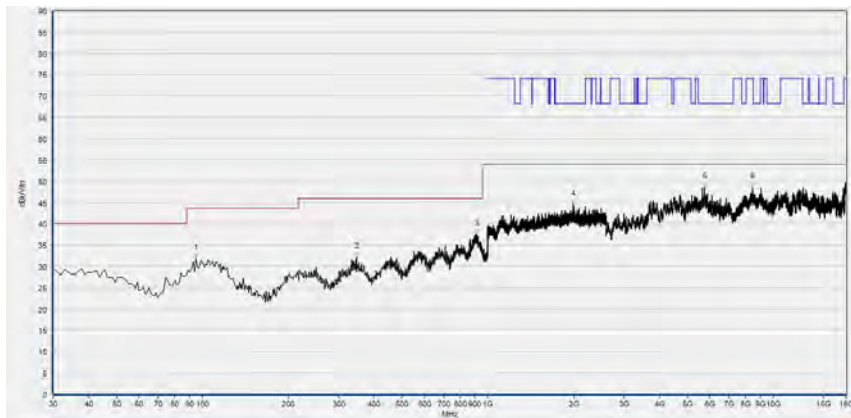
(Antenna Vertical, 30MHz to 18GHz)

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
98.870	32.64	N/A	N/A	N/A	43.50	N/A	Horizontal	PASS
350.100	31.66	N/A	N/A	N/A	46.00	N/A	Horizontal	PASS
903.000	38.05	N/A	N/A	N/A	46.00	N/A	Horizontal	PASS
1868.267	43.54	N/A	N/A	68.23	N/A	N/A	Horizontal	PASS
5633.800	47.63	N/A	N/A	68.23	N/A	N/A	Horizontal	PASS
12163.400	48.72	N/A	N/A	74.00	N/A	54.00	Horizontal	PASS

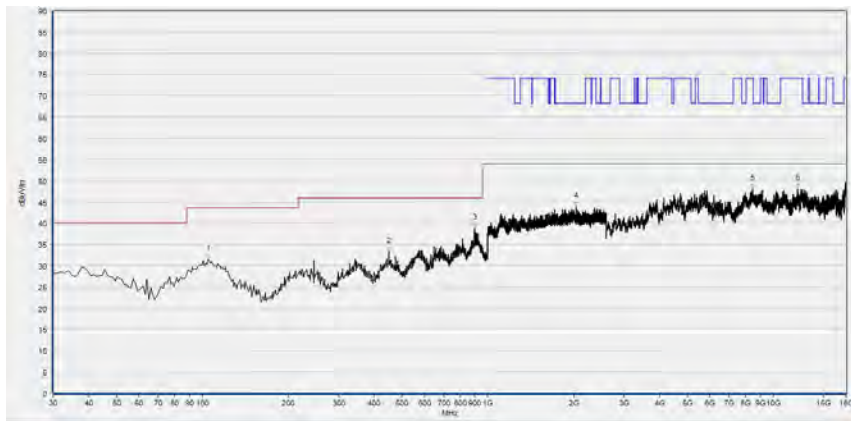
(Antenna Horizontal, 30MHz to 18GHz)



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
94.990	31.84	N/A	N/A	N/A	43.50	N/A	Vertical	PASS
347.190	32.15	N/A	N/A	N/A	46.00	N/A	Vertical	PASS
915.610	37.57	N/A	N/A	N/A	46.00	N/A	Vertical	PASS
1988.800	44.64	N/A	N/A	68.23	N/A	N/A	Vertical	PASS
5760.080	48.65	N/A	N/A	68.23	N/A	N/A	Vertical	PASS
8442.760	48.65	N/A	N/A	74.00	N/A	54.00	Vertical	PASS

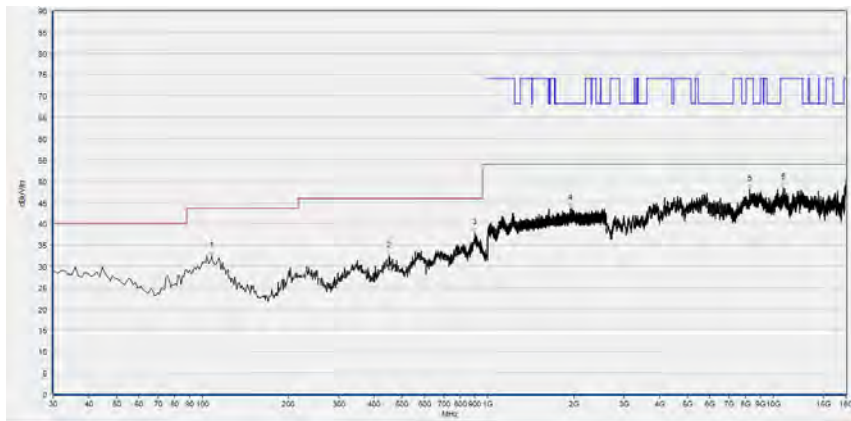
(Antenna Vertical, 30MHz to 18GHz)

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
104.690	31.48	N/A	N/A	N/A	43.50	N/A	Horizontal	PASS
449.040	33.37	N/A	N/A	N/A	46.00	N/A	Horizontal	PASS
898.150	38.87	N/A	N/A	N/A	46.00	N/A	Horizontal	PASS
2038.400	43.88	N/A	N/A	68.23	N/A	N/A	Horizontal	PASS
8452.000	48.11	N/A	N/A	74.00	N/A	54.00	Horizontal	PASS
12184.960	48.16	N/A	N/A	74.00	N/A	54.00	Horizontal	PASS

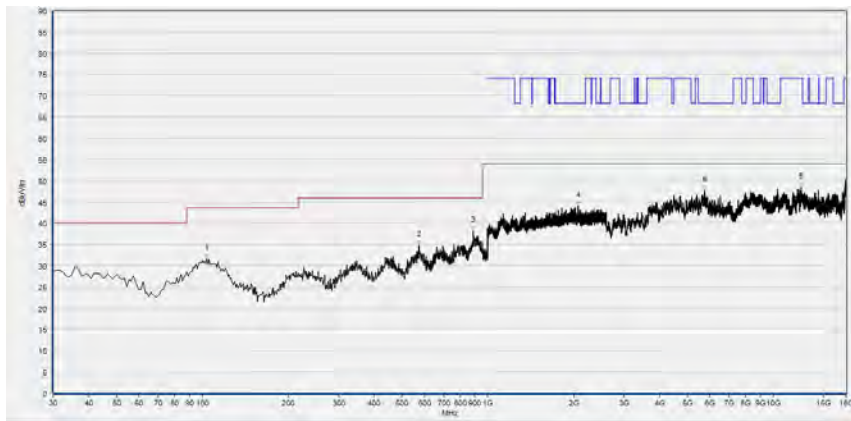
(Antenna Horizontal, 30MHz to 18GHz)



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
107.600	32.38	N/A	N/A	N/A	43.50	N/A	Vertical	PASS
450.010	32.26	N/A	N/A	N/A	46.00	N/A	Vertical	PASS
901.060	37.89	N/A	N/A	N/A	46.00	N/A	Vertical	PASS
1948.800	43.52	N/A	N/A	68.23	N/A	N/A	Vertical	PASS
8282.600	48.02	N/A	N/A	74.00	N/A	54.00	Vertical	PASS
10854.400	48.38	N/A	N/A	74.00	N/A	54.00	Vertical	PASS

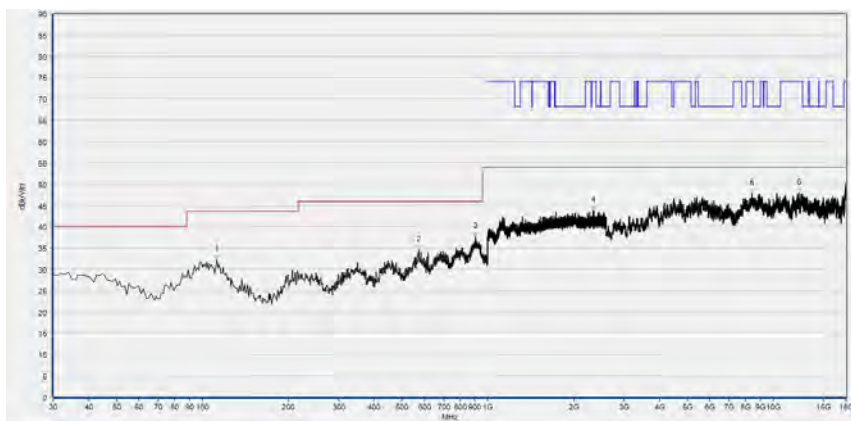
(Antenna Vertical, 30MHz to 18GHz)

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
103.720	31.65	N/A	N/A	N/A	43.50	N/A	Horizontal	PASS
573.200	34.85	N/A	N/A	N/A	46.00	N/A	Horizontal	PASS
889.420	38.25	N/A	N/A	N/A	46.00	N/A	Horizontal	PASS
2075.733	44.09	N/A	N/A	68.23	N/A	N/A	Horizontal	PASS
5750.840	47.68	N/A	N/A	68.23	N/A	N/A	Horizontal	PASS
12511.440	48.47	N/A	N/A	74.00	N/A	54.00	Horizontal	PASS

(Antenna Horizontal, 30MHz to 18GHz)

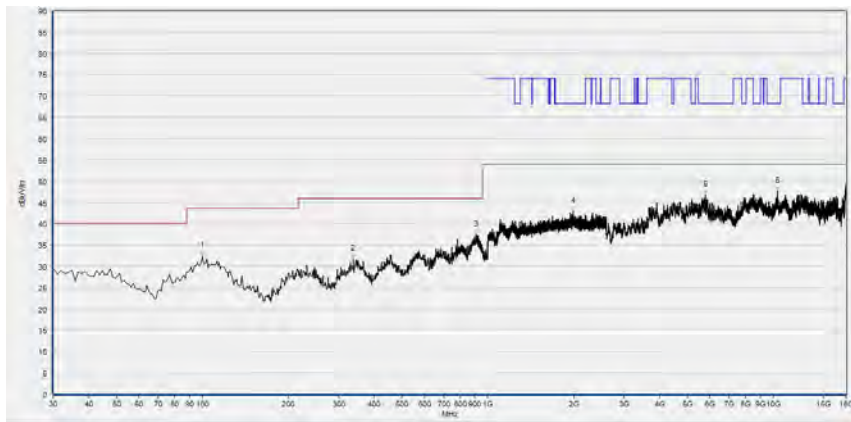


Fre. (MHz)	PK (dBμV/m)	QP (dBμV/m)	AV (dBμV/m)	Limit-PK (dBμV/m)	Limit-QP (dBμV/m)	Limit-AV (dBμV/m)	Antenna	Verdict
112.450	32.22	N/A	N/A	N/A	43.50	N/A	Vertical	PASS
572.230	34.44	N/A	N/A	N/A	46.00	N/A	Vertical	PASS
906.880	37.72	N/A	N/A	N/A	46.00	N/A	Vertical	PASS
2337.067	43.71	N/A	N/A	74.00	N/A	54.00	Vertical	PASS
8411.960	47.71	N/A	N/A	74.00	N/A	54.00	Vertical	PASS
12292.760	47.96	N/A	N/A	74.00	N/A	54.00	Vertical	PASS

(Antenna Vertical, 30MHz to 18GHz)

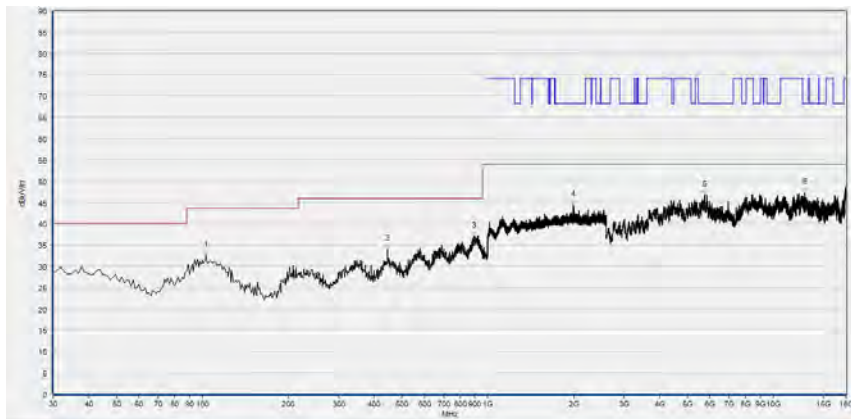
802.11n (HT40) mode

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
99.840	32.28	N/A	N/A	N/A	43.50	N/A	Horizontal	PASS
338.460	31.65	N/A	N/A	N/A	46.00	N/A	Horizontal	PASS
910.760	37.37	N/A	N/A	N/A	46.00	N/A	Horizontal	PASS
1991.467	42.84	N/A	N/A	68.23	N/A	N/A	Horizontal	PASS
5778.560	46.69	N/A	N/A	68.23	N/A	N/A	Horizontal	PASS
10336.960	47.57	N/A	N/A	68.23	N/A	N/A	Horizontal	PASS

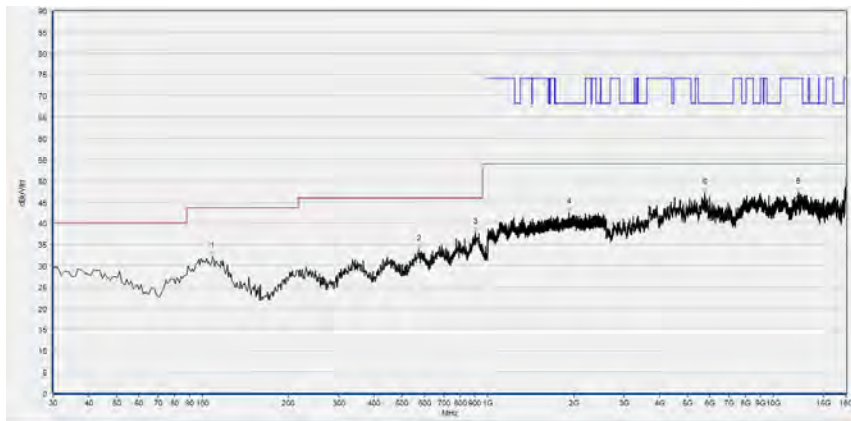
(Antenna Horizontal, 30MHz to 18GHz)



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	32.45	N/A	N/A	N/A	43.50	N/A	Vertical	PASS
445.160	34.04	N/A	N/A	N/A	46.00	N/A	Vertical	PASS
895.240	37.04	N/A	N/A	N/A	46.00	N/A	Vertical	PASS
1990.933	44.38	N/A	N/A	68.23	N/A	N/A	Vertical	PASS
5750.840	46.79	N/A	N/A	68.23	N/A	N/A	Vertical	PASS
12914.920	47.26	N/A	N/A	68.23	N/A	N/A	Vertical	PASS

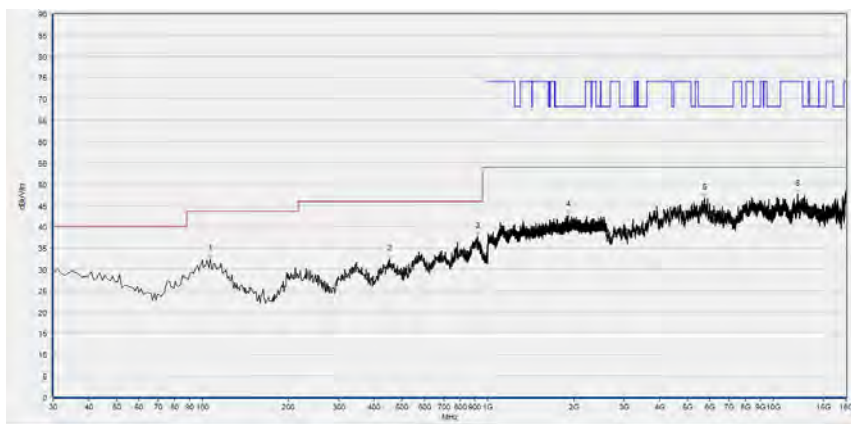
(Antenna Vertical, 30MHz to 18GHz)

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
108.570	32.16	N/A	N/A	N/A	43.50	N/A	Horizontal	PASS
572.230	33.80	N/A	N/A	N/A	46.00	N/A	Horizontal	PASS
905.910	37.88	N/A	N/A	N/A	46.00	N/A	Horizontal	PASS
1920.000	42.60	N/A	N/A	68.23	N/A	N/A	Horizontal	PASS
5763.160	47.11	N/A	N/A	68.23	N/A	N/A	Horizontal	PASS
12209.600	47.18	N/A	N/A	74.00	N/A	54.00	Horizontal	PASS

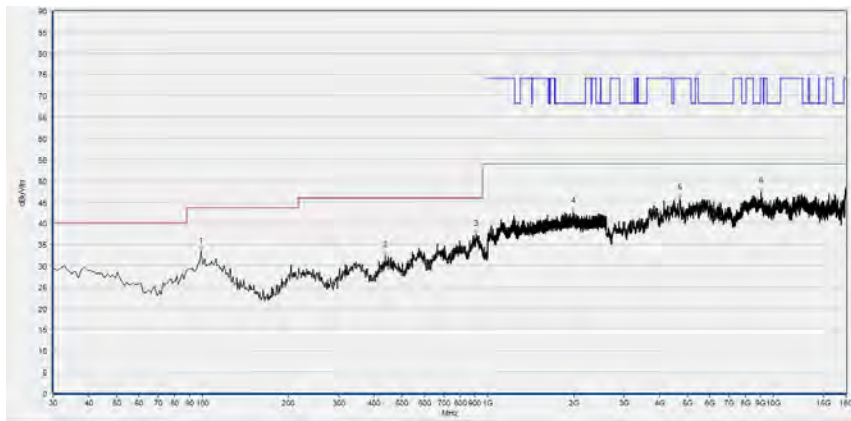
(Antenna Horizontal, 30MHz to 18GHz)



Fre. (MHz)	PK (dBμV/m)	QP (dBμV/m)	AV (dBμV/m)	Limit-PK (dBμV/m)	Limit-QP (dBμV/m)	Limit-AV (dBμV/m)	Antenna	Verdict
106.630	32.39	N/A	N/A	N/A	43.50	N/A	Vertical	PASS
451.950	32.41	N/A	N/A	N/A	46.00	N/A	Vertical	PASS
921.430	37.64	N/A	N/A	N/A	46.00	N/A	Vertical	PASS
1912.533	42.67	N/A	N/A	68.23	N/A	N/A	Vertical	PASS
5757.000	46.71	N/A	N/A	68.23	N/A	N/A	Vertical	PASS
12148.000	47.61	N/A	N/A	74.00	N/A	54.00	Vertical	PASS

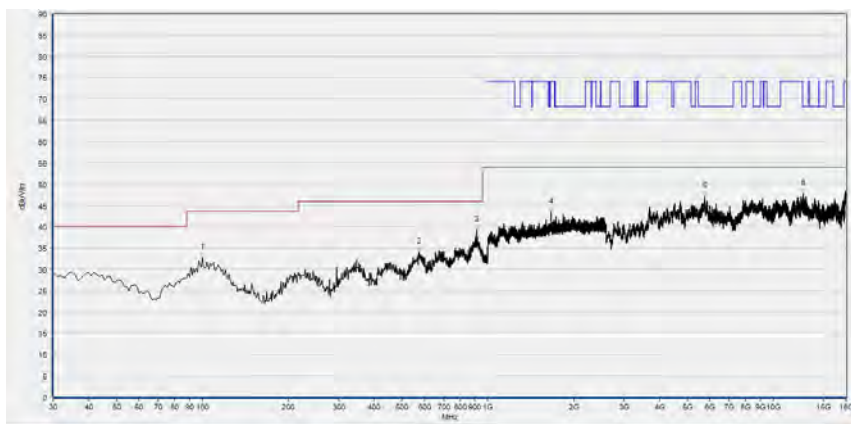
(Antenna Vertical, 30MHz to 18GHz)

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
98.870	33.40	N/A	N/A	N/A	43.50	N/A	Horizontal	PASS
437.400	32.37	N/A	N/A	N/A	46.00	N/A	Horizontal	PASS
910.760	37.45	N/A	N/A	N/A	46.00	N/A	Horizontal	PASS
1993.067	42.66	N/A	N/A	68.23	N/A	N/A	Horizontal	PASS
4709.800	45.86	N/A	N/A	74.00	N/A	54.00	Horizontal	PASS
9052.600	47.41	N/A	N/A	74.00	N/A	54.00	Horizontal	PASS

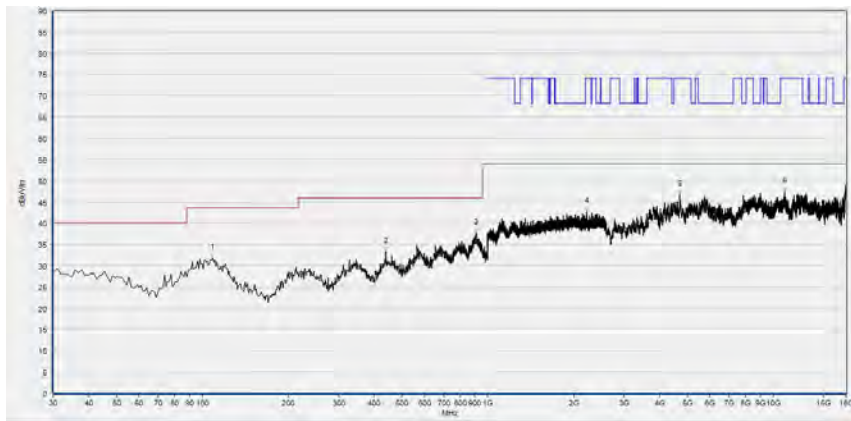
(Antenna Horizontal, 30MHz to 18GHz)



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
99.840	32.62	N/A	N/A	N/A	43.50	N/A	Vertical	PASS
573.200	33.99	N/A	N/A	N/A	46.00	N/A	Vertical	PASS
915.610	39.26	N/A	N/A	N/A	46.00	N/A	Vertical	PASS
1666.133	43.36	N/A	N/A	74.00	N/A	54.00	Vertical	PASS
5744.680	47.07	N/A	N/A	68.23	N/A	N/A	Vertical	PASS
12748.600	47.76	N/A	N/A	68.23	N/A	N/A	Vertical	PASS

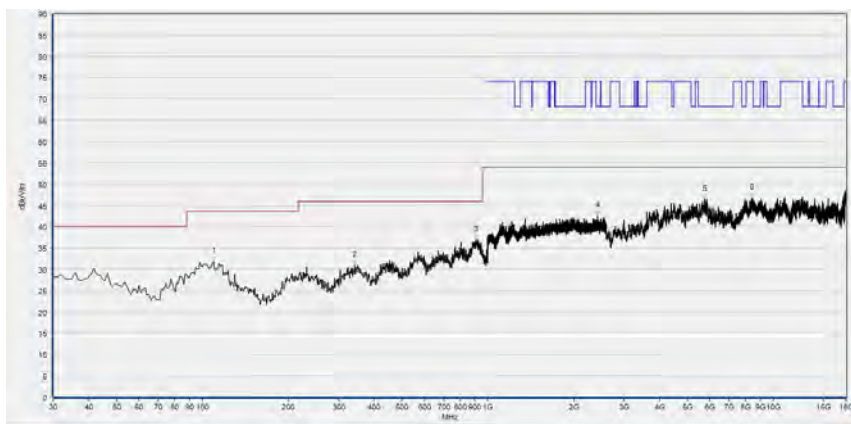
(Antenna Vertical, 30MHz to 18GHz)

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
108.570	31.79	N/A	N/A	N/A	43.50	N/A	Horizontal	PASS
439.340	33.29	N/A	N/A	N/A	46.00	N/A	Horizontal	PASS
910.760	37.73	N/A	N/A	N/A	46.00	N/A	Horizontal	PASS
2223.467	42.77	N/A	N/A	74.00	N/A	54.00	Horizontal	PASS
4703.640	46.80	N/A	N/A	74.00	N/A	54.00	Horizontal	PASS
10940.640	47.37	N/A	N/A	74.00	N/A	54.00	Horizontal	PASS

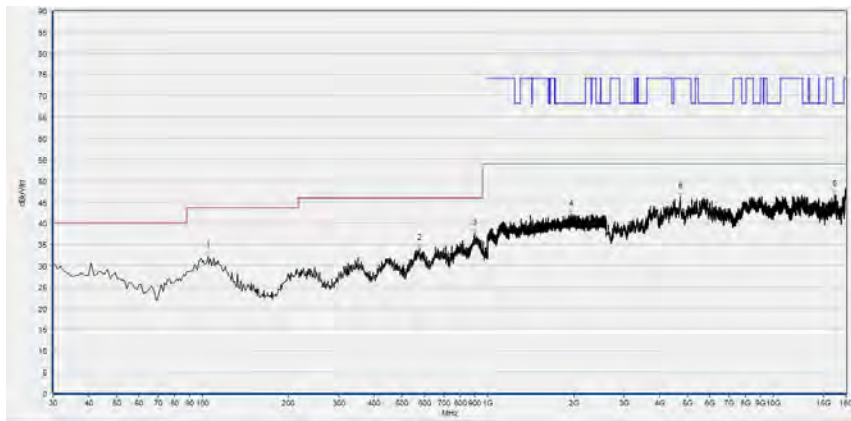
(Antenna Horizontal, 30MHz to 18GHz)



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
109.540	31.81	N/A	N/A	N/A	43.50	N/A	Vertical	PASS
342.340	30.89	N/A	N/A	N/A	46.00	N/A	Vertical	PASS
908.820	36.94	N/A	N/A	N/A	46.00	N/A	Vertical	PASS
2420.267	42.55	N/A	N/A	68.23	N/A	N/A	Vertical	PASS
5750.840	46.37	N/A	N/A	68.23	N/A	N/A	Vertical	PASS
8430.440	46.79	N/A	N/A	74.00	N/A	54.00	Vertical	PASS

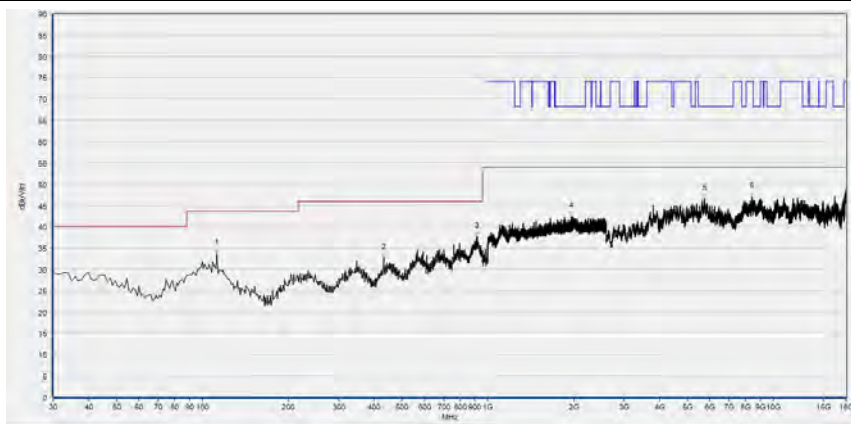
(Antenna Vertical, 30MHz to 18GHz)

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
104.690	32.20	N/A	N/A	N/A	43.50	N/A	Horizontal	PASS
576.110	34.02	N/A	N/A	N/A	46.00	N/A	Horizontal	PASS
900.090	37.55	N/A	N/A	N/A	46.00	N/A	Horizontal	PASS
1957.333	42.15	N/A	N/A	68.23	N/A	N/A	Horizontal	PASS
4725.200	46.25	N/A	N/A	74.00	N/A	54.00	Horizontal	PASS
16379.920	46.80	N/A	N/A	68.23	N/A	N/A	Horizontal	PASS

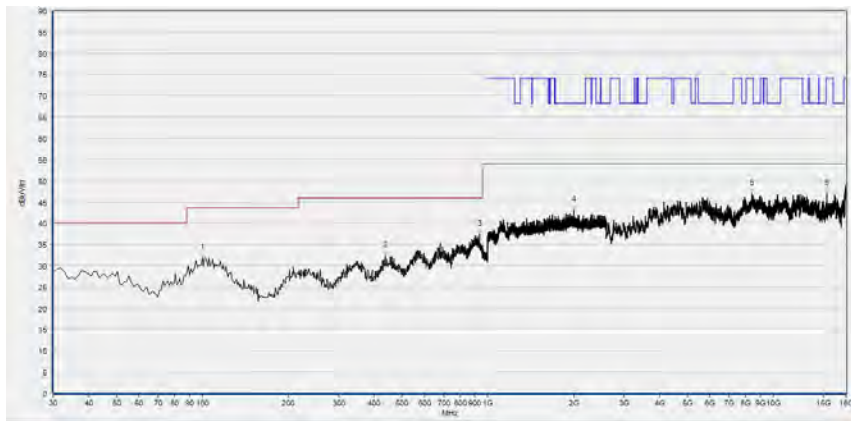
(Antenna Horizontal, 30MHz to 18GHz)



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
112.450	33.72	N/A	N/A	N/A	43.50	N/A	Vertical	PASS
431.580	32.66	N/A	N/A	N/A	46.00	N/A	Vertical	PASS
914.640	37.71	N/A	N/A	N/A	46.00	N/A	Vertical	PASS
1960.533	42.42	N/A	N/A	68.23	N/A	N/A	Vertical	PASS
5750.840	46.55	N/A	N/A	68.23	N/A	N/A	Vertical	PASS
8418.120	47.12	N/A	N/A	74.00	N/A	54.00	Vertical	PASS

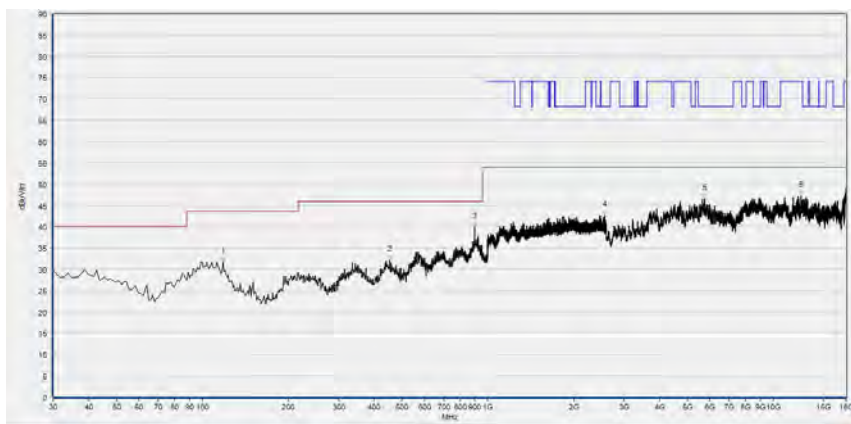
(Antenna Vertical, 30MHz to 18GHz)

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
99.840	31.91	N/A	N/A	N/A	43.50	N/A	Horizontal	PASS
436.430	32.27	N/A	N/A	N/A	46.00	N/A	Horizontal	PASS
934.040	37.36	N/A	N/A	N/A	46.00	N/A	Horizontal	PASS
1997.333	43.06	N/A	N/A	68.23	N/A	N/A	Horizontal	PASS
8393.480	46.93	N/A	N/A	74.00	N/A	54.00	Horizontal	PASS
15446.680	46.99	N/A	N/A	74.00	N/A	54.00	Horizontal	PASS

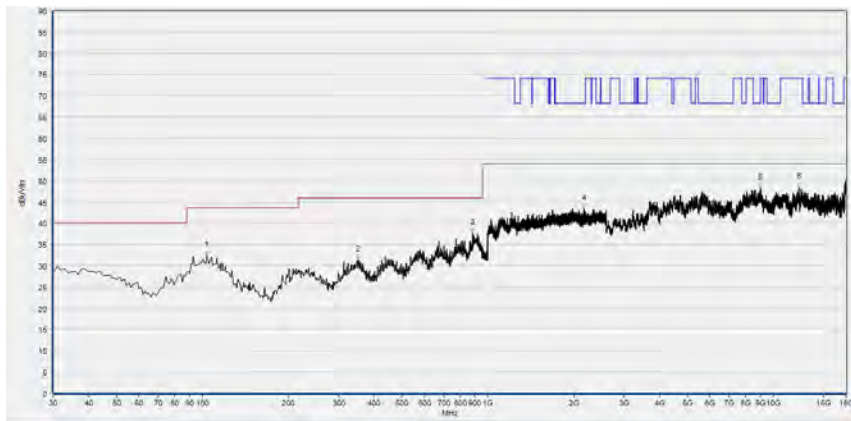
(Antenna Horizontal, 30MHz to 18GHz)



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
118.270	31.74	N/A	N/A	N/A	43.50	N/A	Vertical	PASS
452.920	32.10	N/A	N/A	N/A	46.00	N/A	Vertical	PASS
898.150	39.95	N/A	N/A	N/A	46.00	N/A	Vertical	PASS
2566.933	42.67	N/A	N/A	68.23	N/A	N/A	Vertical	PASS
5750.840	46.68	N/A	N/A	68.23	N/A	N/A	Vertical	PASS
12526.840	47.31	N/A	N/A	74.00	N/A	54.00	Vertical	PASS

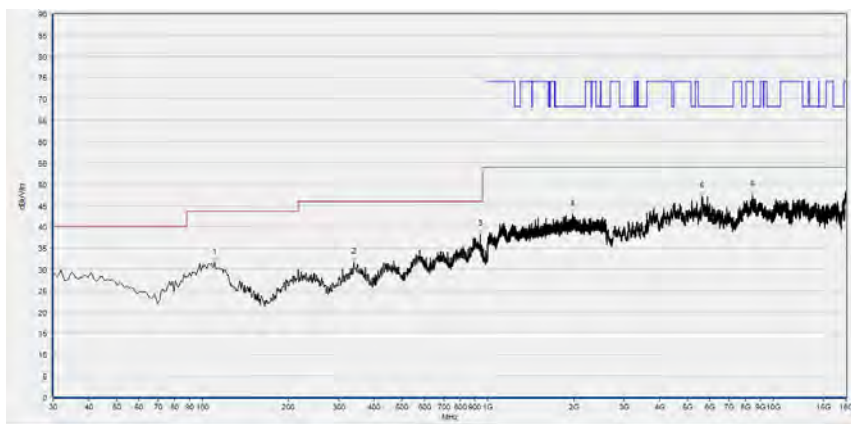
(Antenna Vertical, 30MHz to 18GHz)

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
103.720	32.42	N/A	N/A	N/A	43.50	N/A	Horizontal	PASS
351.070	31.41	N/A	N/A	N/A	46.00	N/A	Horizontal	PASS
884.570	37.70	N/A	N/A	N/A	46.00	N/A	Horizontal	PASS
2173.867	43.37	N/A	N/A	68.23	N/A	N/A	Horizontal	PASS
9012.560	48.26	N/A	N/A	74.00	N/A	54.00	Horizontal	PASS
12295.840	48.39	N/A	N/A	74.00	N/A	54.00	Horizontal	PASS

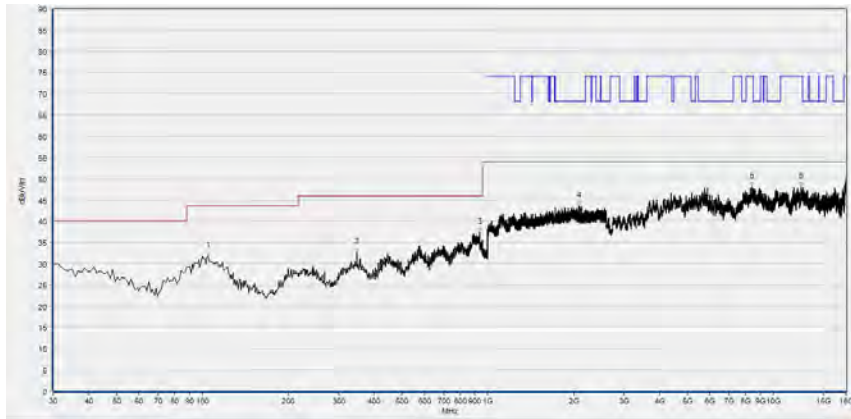
(Antenna Horizontal, 30MHz to 18GHz)



Fre. (MHz)	PK (dBµV/m)	QP (dBµV/m)	AV (dBµV/m)	Limit-PK (dBµV/m)	Limit-QP (dBµV/m)	Limit-AV (dBµV/m)	Antenna	Verdict
110.510	31.47	N/A	N/A	N/A	43.50	N/A	Vertical	PASS
339.430	31.59	N/A	N/A	N/A	46.00	N/A	Vertical	PASS
938.890	38.15	N/A	N/A	N/A	46.00	N/A	Vertical	PASS
1980.267	42.94	N/A	N/A	68.23	N/A	N/A	Vertical	PASS
5624.560	47.12	N/A	N/A	68.23	N/A	N/A	Vertical	PASS
8455.080	47.40	N/A	N/A	74.00	N/A	54.00	Vertical	PASS

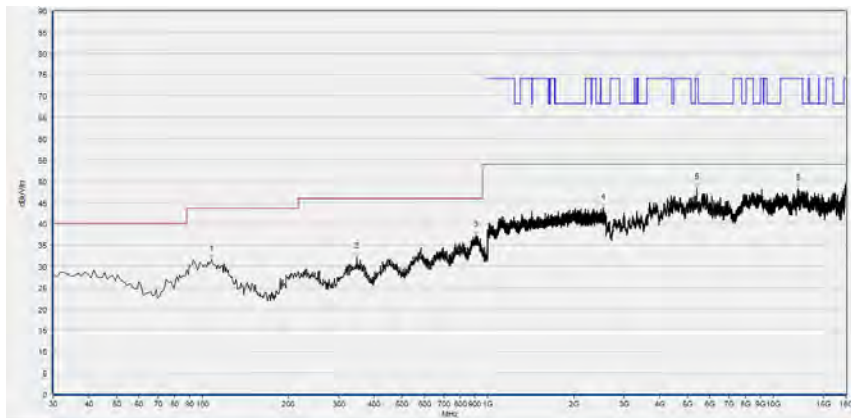
(Antenna Vertical, 30MHz to 18GHz)

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
104.690	31.81	N/A	N/A	N/A	43.50	N/A	Horizontal	PASS
348.160	32.69	N/A	N/A	N/A	46.00	N/A	Horizontal	PASS
935.980	37.30	N/A	N/A	N/A	46.00	N/A	Horizontal	PASS
2086.400	43.56	N/A	N/A	68.23	N/A	N/A	Horizontal	PASS
8415.040	48.03	N/A	N/A	74.00	N/A	54.00	Horizontal	PASS
12508.360	48.12	N/A	N/A	74.00	N/A	54.00	Horizontal	PASS

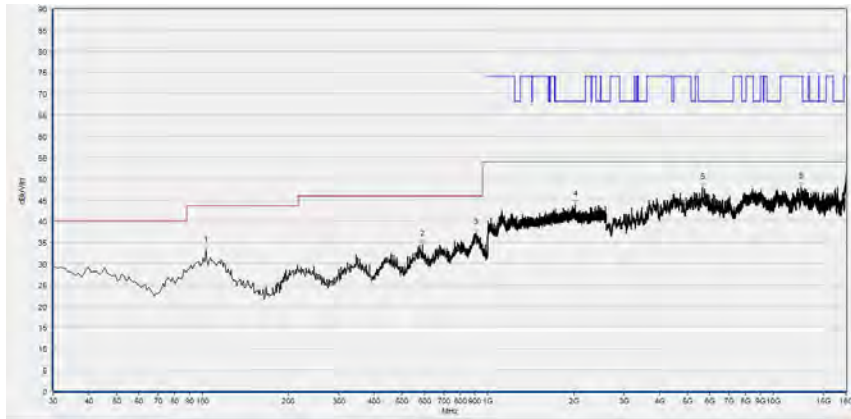
(Antenna Horizontal, 30MHz to 18GHz)



Fre. (MHz)	PK (dBμV/m)	QP (dBμV/m)	AV (dBμV/m)	Limit-PK (dBμV/m)	Limit-QP (dBμV/m)	Limit-AV (dBμV/m)	Antenna	Verdict
107.600	31.44	N/A	N/A	N/A	43.50	N/A	Vertical	PASS
348.160	32.25	N/A	N/A	N/A	46.00	N/A	Vertical	PASS
911.730	37.24	N/A	N/A	N/A	46.00	N/A	Vertical	PASS
2536.000	43.67	N/A	N/A	68.23	N/A	N/A	Vertical	PASS
5402.800	48.49	N/A	N/A	74.00	N/A	54.00	Vertical	PASS
12225.000	48.23	N/A	N/A	74.00	N/A	54.00	Vertical	PASS

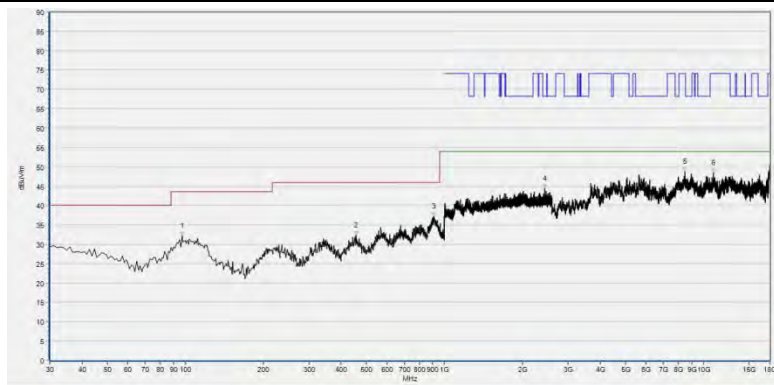
(Antenna Vertical, 30MHz to 18GHz)

Plot for Channel 159



Fre. (MHz)	PK (dBμV/m)	QP (dBμV/m)	AV (dBμV/m)	Limit-PK (dBμV/m)	Limit-QP (dBμV/m)	Limit-AV (dBμV/m)	Antenna	Verdict
102.750	33.24	N/A	N/A	N/A	43.50	N/A	Horizontal	PASS
590.660	34.60	N/A	N/A	N/A	46.00	N/A	Horizontal	PASS
909.790	37.13	N/A	N/A	N/A	46.00	N/A	Horizontal	PASS
2028.267	43.92	N/A	N/A	68.23	N/A	N/A	Horizontal	PASS
5646.120	47.97	N/A	N/A	68.23	N/A	N/A	Horizontal	PASS
12492.960	48.05	N/A	N/A	74.00	N/A	54.00	Horizontal	PASS

(Antenna Horizontal, 30MHz to 18GHz)

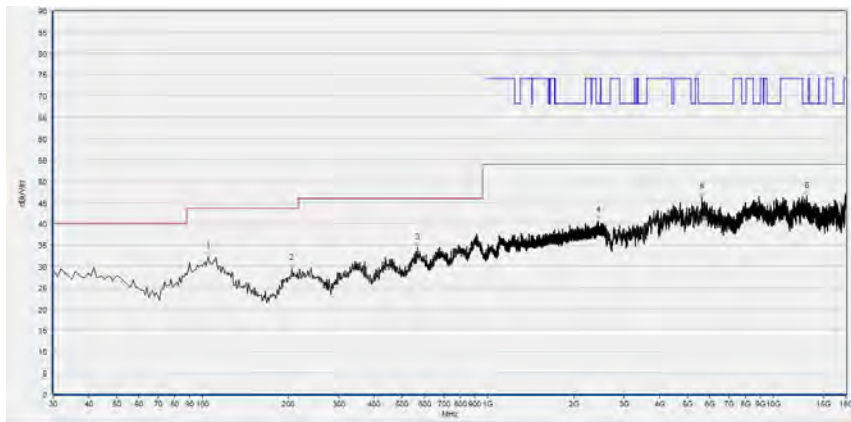


Fre. (MHz)	PK (dBμV/m)	QP (dBμV/m)	AV (dBμV/m)	Limit-PK (dBμV/m)	Limit-QP (dBμV/m)	Limit-AV (dBμV/m)	Antenna	Verdict
96.930	32.19	N/A	N/A	N/A	43.50	N/A	Vertical	PASS
455.830	32.36	N/A	N/A	N/A	46.00	N/A	Vertical	PASS
910.760	37.26	N/A	N/A	N/A	46.00	N/A	Vertical	PASS
2437.333	44.36	N/A	N/A	68.23	N/A	N/A	Vertical	PASS
8482.800	48.71	N/A	N/A	74.00	N/A	54.00	Vertical	PASS
10906.760	48.48	N/A	N/A	74.00	N/A	54.00	Vertical	PASS

(Antenna Vertical, 30MHz to 18GHz)

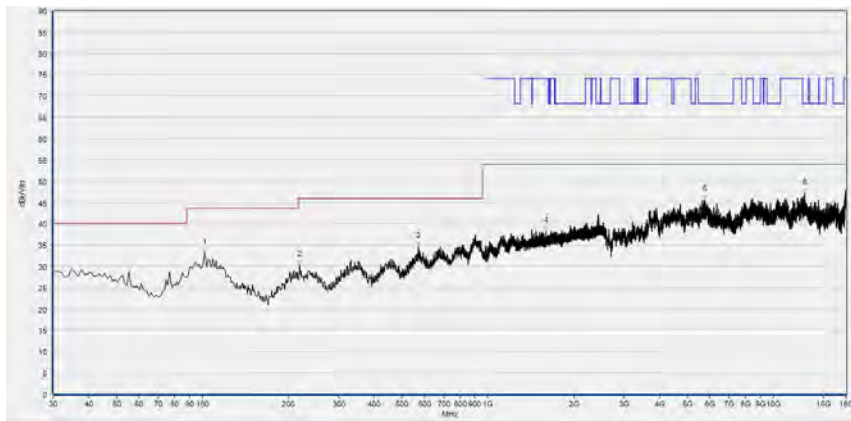
802.11ac (VHT80) Mode

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
104.765	32.13	N/A	N/A	N/A	43.50	N/A	Horizontal	PASS
205.746	29.57	N/A	N/A	N/A	46.00	N/A	Horizontal	PASS
565.976	34.39	N/A	N/A	N/A	46.00	N/A	Horizontal	PASS
2433.545	40.71	N/A	N/A	68.23	N/A	N/A	Horizontal	PASS
5625.165	46.20	N/A	N/A	68.23	N/A	N/A	Horizontal	PASS
13077.175	46.48	N/A	N/A	68.23	N/A	N/A	Horizontal	PASS

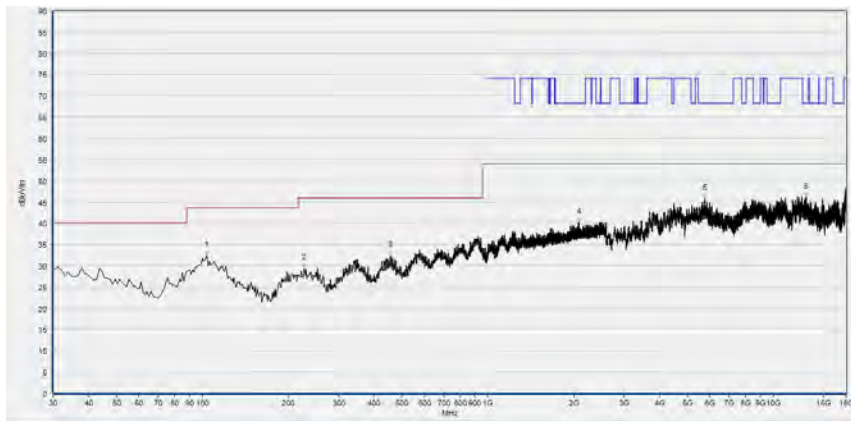
(Antenna Horizontal, 30MHz to 18GHz)



Fre. (MHz)	PK (dBμV/m)	QP (dBμV/m)	AV (dBμV/m)	Limit-PK (dBμV/m)	Limit-QP (dBμV/m)	Limit-AV (dBμV/m)	Antenna	Verdict
101.852	33.12	N/A	N/A	N/A	43.50	N/A	Vertical	PASS
219.339	30.26	N/A	N/A	N/A	46.00	N/A	Vertical	PASS
571.802	34.67	N/A	N/A	N/A	46.00	N/A	Vertical	PASS
1599.667	38.27	N/A	N/A	74.00	N/A	54.00	Vertical	PASS
5757.632	45.61	N/A	N/A	68.23	N/A	N/A	Vertical	PASS
12883.097	47.06	N/A	N/A	68.23	N/A	N/A	Vertical	PASS

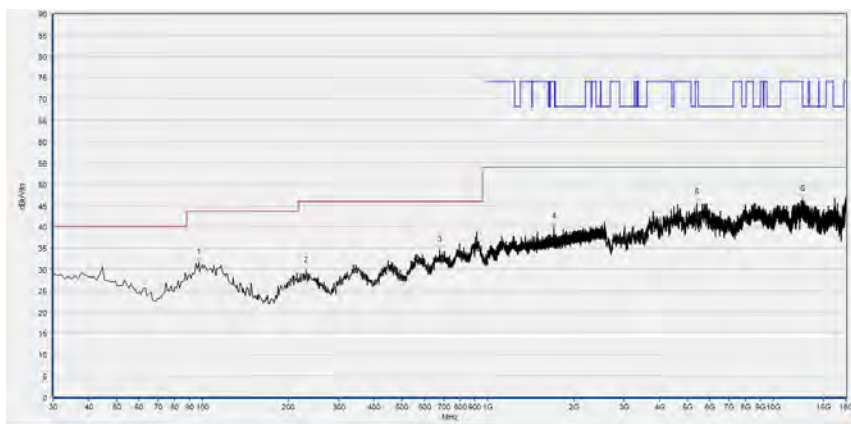
(Antenna Vertical, 30MHz to 18GHz)

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
103.794	32.27	N/A	N/A	N/A	43.50	N/A	Horizontal	PASS
226.136	29.35	N/A	N/A	N/A	46.00	N/A	Horizontal	PASS
454.314	32.33	N/A	N/A	N/A	46.00	N/A	Horizontal	PASS
2085.695	40.24	N/A	N/A	68.23	N/A	N/A	Horizontal	PASS
5760.712	45.81	N/A	N/A	68.23	N/A	N/A	Horizontal	PASS
13061.772	46.17	N/A	N/A	68.23	N/A	N/A	Horizontal	PASS

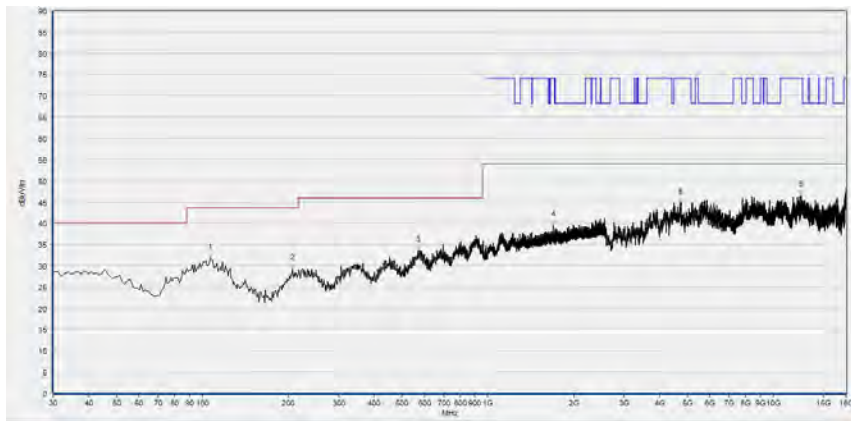
(Antenna Horizontal, 30MHz to 18GHz)



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
96.997	31.48	N/A	N/A	N/A	43.50	N/A	Vertical	PASS
230.991	29.70	N/A	N/A	N/A	46.00	N/A	Vertical	PASS
679.580	34.57	N/A	N/A	N/A	46.00	N/A	Vertical	PASS
1704.768	39.93	N/A	N/A	74.00	N/A	54.00	Vertical	PASS
5403.361	45.54	N/A	N/A	74.00	N/A	54.00	Vertical	PASS
12679.776	46.36	N/A	N/A	74.00	N/A	54.00	Vertical	PASS

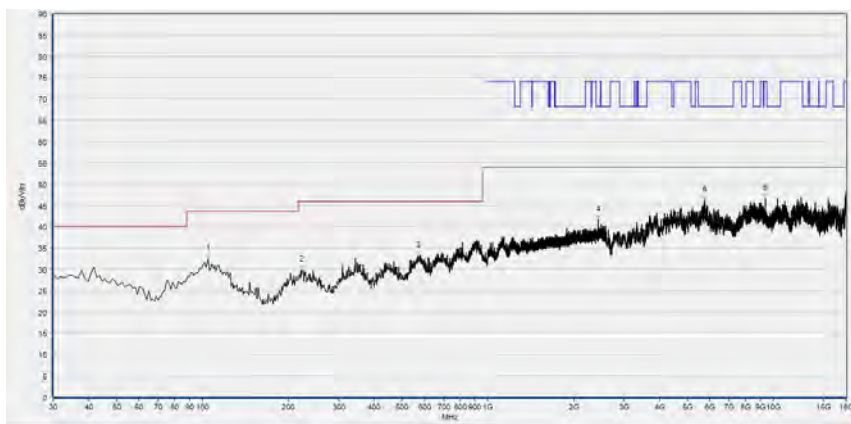
(Antenna Vertical, 30MHz to 18GHz)

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
106.707	31.80	N/A	N/A	N/A	43.50	N/A	Horizontal	PASS
206.717	29.28	N/A	N/A	N/A	46.00	N/A	Horizontal	PASS
568.889	33.59	N/A	N/A	N/A	46.00	N/A	Horizontal	PASS
1694.098	39.55	N/A	N/A	74.00	N/A	54.00	Horizontal	PASS
4728.706	44.74	N/A	N/A	74.00	N/A	54.00	Horizontal	PASS
12522.665	46.57	N/A	N/A	74.00	N/A	54.00	Horizontal	PASS

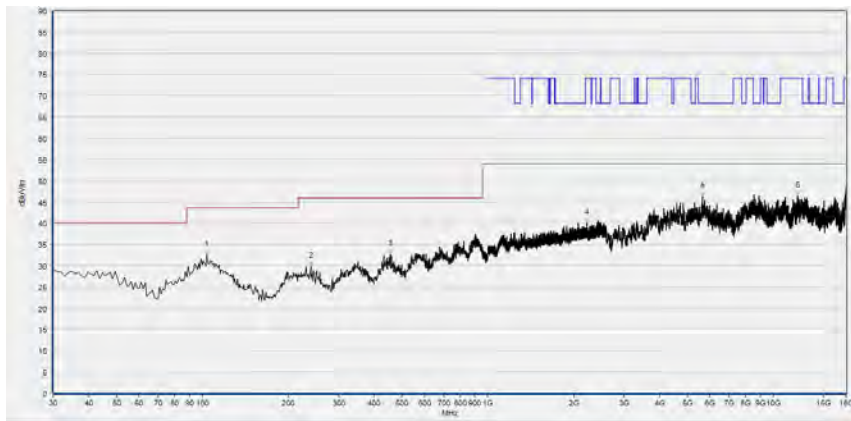
(Antenna Horizontal, 30MHz to 18GHz)



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	32.42	N/A	N/A	N/A	43.50	N/A	Vertical	PASS
223.223	29.89	N/A	N/A	N/A	46.00	N/A	Vertical	PASS
568.889	33.11	N/A	N/A	N/A	46.00	N/A	Vertical	PASS
2431.410	41.54	N/A	N/A	68.23	N/A	N/A	Vertical	PASS
5757.632	46.20	N/A	N/A	68.23	N/A	N/A	Vertical	PASS
9374.275	46.55	N/A	N/A	74.00	N/A	54.00	Vertical	PASS

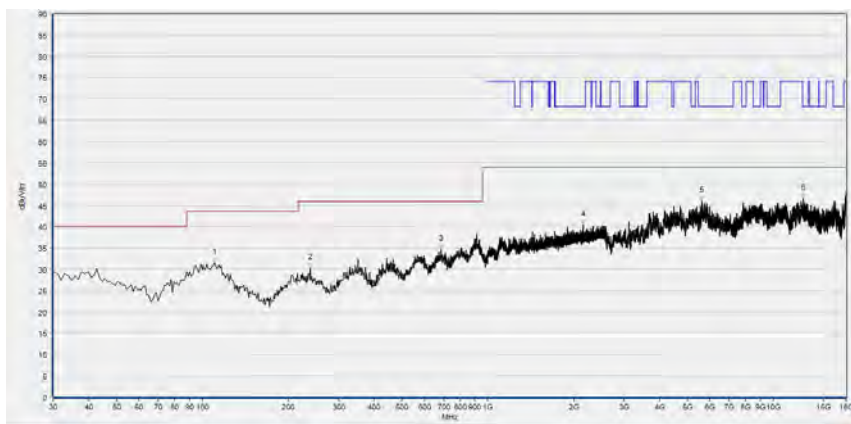
(Antenna Vertical, 30MHz to 18GHz)

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
103.794	32.52	N/A	N/A	N/A	43.50	N/A	Horizontal	PASS
239.730	29.80	N/A	N/A	N/A	46.00	N/A	Horizontal	PASS
454.314	32.63	N/A	N/A	N/A	46.00	N/A	Horizontal	PASS
2227.076	40.09	N/A	N/A	74.00	N/A	54.00	Horizontal	PASS
5637.487	46.19	N/A	N/A	68.23	N/A	N/A	Horizontal	PASS
12165.313	46.48	N/A	N/A	74.00	N/A	54.00	Horizontal	PASS

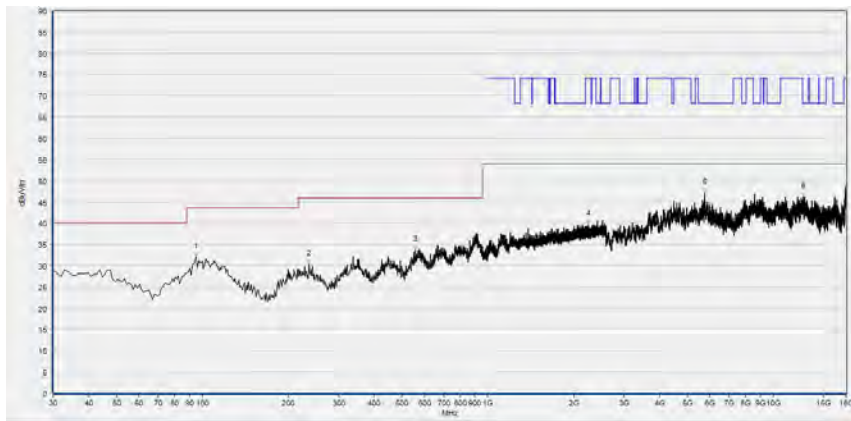
(Antenna Horizontal, 30MHz to 18GHz)



Fre. (MHz)	PK (dBμV/m)	QP (dBμV/m)	AV (dBμV/m)	Limit-PK (dBμV/m)	Limit-QP (dBμV/m)	Limit-AV (dBμV/m)	Antenna	Verdict
110.591	31.49	N/A	N/A	N/A	43.50	N/A	Vertical	PASS
238.759	30.27	N/A	N/A	N/A	46.00	N/A	Vertical	PASS
685.405	34.72	N/A	N/A	N/A	46.00	N/A	Vertical	PASS
2164.121	40.39	N/A	N/A	68.23	N/A	N/A	Vertical	PASS
5628.246	46.07	N/A	N/A	68.23	N/A	N/A	Vertical	PASS
12738.308	46.53	N/A	N/A	68.23	N/A	N/A	Vertical	PASS

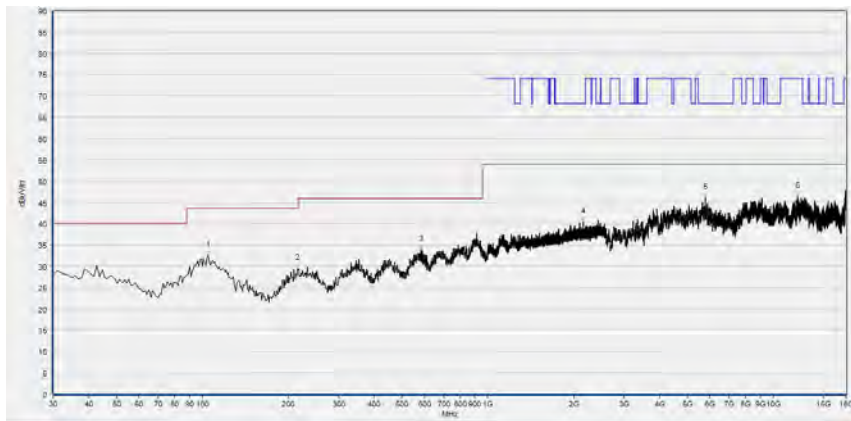
(Antenna Vertical, 30MHz to 18GHz)

Plot for Channel 138



Fre. (MHz)	PK (dBµV/m)	QP (dBµV/m)	AV (dBµV/m)	Limit-PK (dBµV/m)	Limit-QP (dBµV/m)	Limit-AV (dBµV/m)	Antenna	Verdict
95.055	32.02	N/A	N/A	N/A	43.50	N/A	Horizontal	PASS
235.846	30.28	N/A	N/A	N/A	46.00	N/A	Horizontal	PASS
558.208	33.73	N/A	N/A	N/A	46.00	N/A	Horizontal	PASS
2245.215	39.64	N/A	N/A	74.00	N/A	54.00	Horizontal	PASS
5760.712	47.09	N/A	N/A	68.23	N/A	N/A	Horizontal	PASS
12744.469	46.20	N/A	N/A	68.23	N/A	N/A	Horizontal	PASS

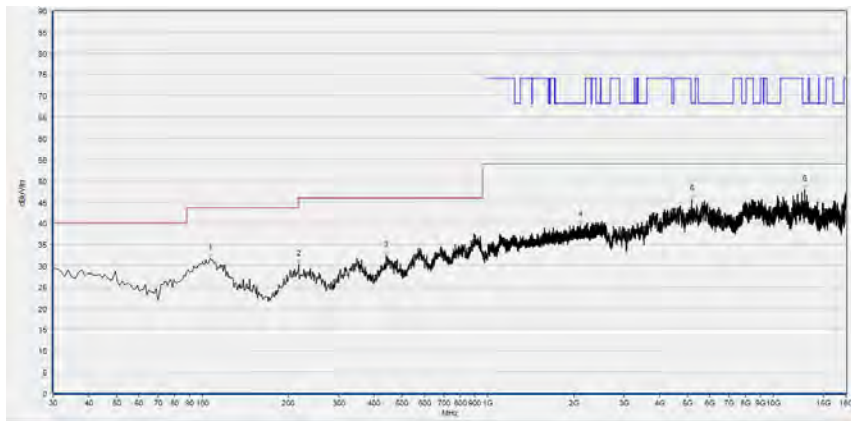
(Antenna Horizontal, 30MHz to 18GHz)



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
104.765	32.58	N/A	N/A	N/A	43.50	N/A	Vertical	PASS
215.455	29.53	N/A	N/A	N/A	46.00	N/A	Vertical	PASS
582.482	33.78	N/A	N/A	N/A	46.00	N/A	Vertical	PASS
2161.454	40.47	N/A	N/A	68.23	N/A	N/A	Vertical	PASS
5779.196	46.05	N/A	N/A	68.23	N/A	N/A	Vertical	PASS
12162.232	46.38	N/A	N/A	74.00	N/A	54.00	Vertical	PASS

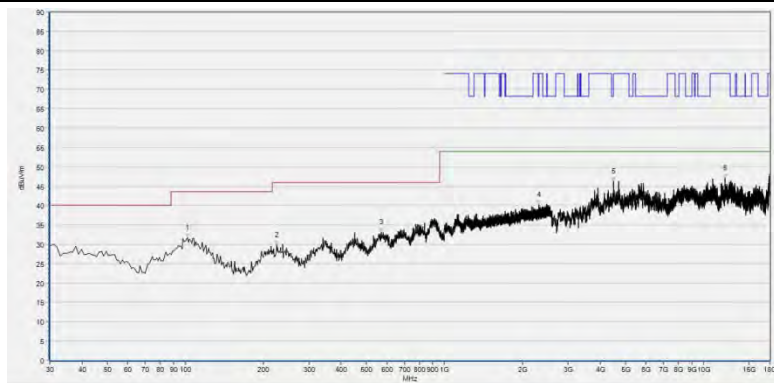
(Antenna Vertical, 30MHz to 18GHz)

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
106.707	31.66	N/A	N/A	N/A	43.50	N/A	Horizontal	PASS
217.397	30.26	N/A	N/A	N/A	46.00	N/A	Horizontal	PASS
440.721	32.29	N/A	N/A	N/A	46.00	N/A	Horizontal	PASS
2109.170	39.48	N/A	N/A	68.23	N/A	N/A	Horizontal	PASS
5187.718	45.66	N/A	N/A	68.23	N/A	N/A	Horizontal	PASS
12889.258	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
101.852	31.62	N/A	N/A	N/A	43.50	N/A	Vertical	PASS
225.165	29.78	N/A	N/A	N/A	46.00	N/A	Vertical	PASS
570.831	33.13	N/A	N/A	N/A	46.00	N/A	Vertical	PASS
2314.572	40.21	N/A	N/A	74.00	N/A	54.00	Vertical	PASS
4500.740	46.25	N/A	N/A	74.00	N/A	54.00	Vertical	PASS
12075.975	47.09	N/A	N/A	74.00	N/A	54.00	Vertical	PASS

(Antenna Vertical, 30MHz to 18GHz)

————— END OF REPORT —————