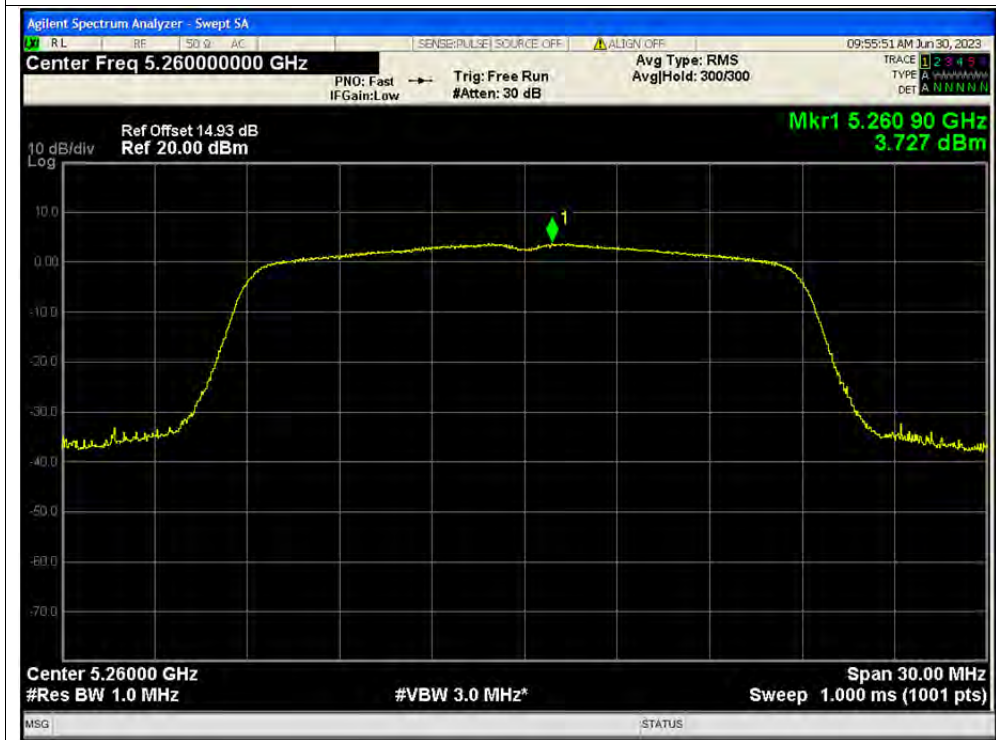
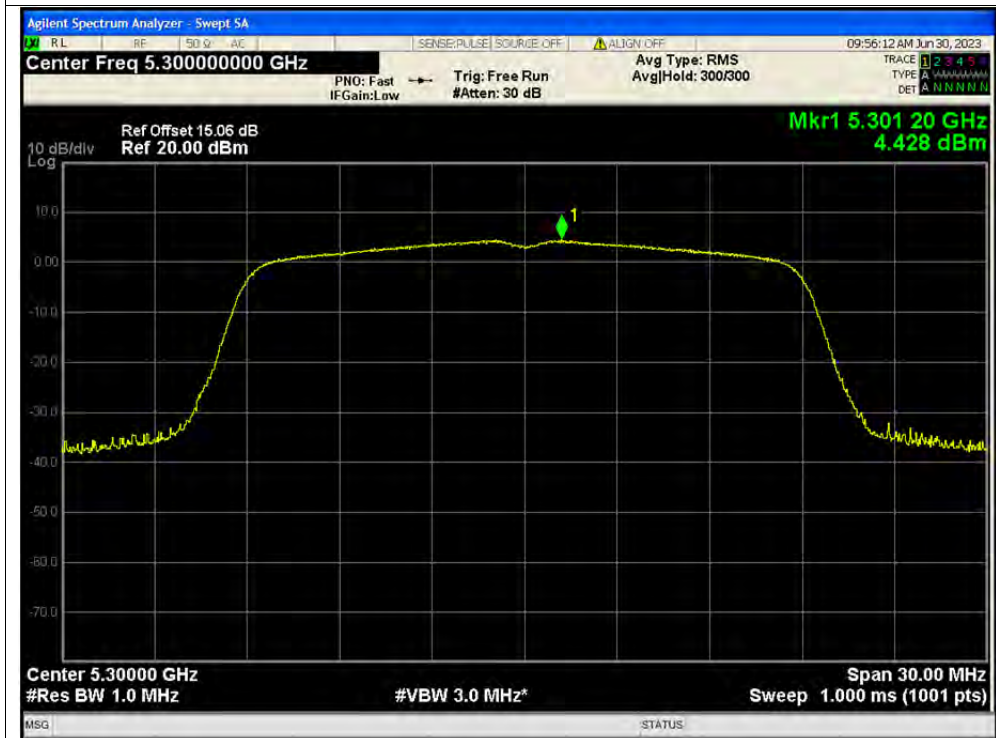




PSD NVNT n20 5260MHz Ant1

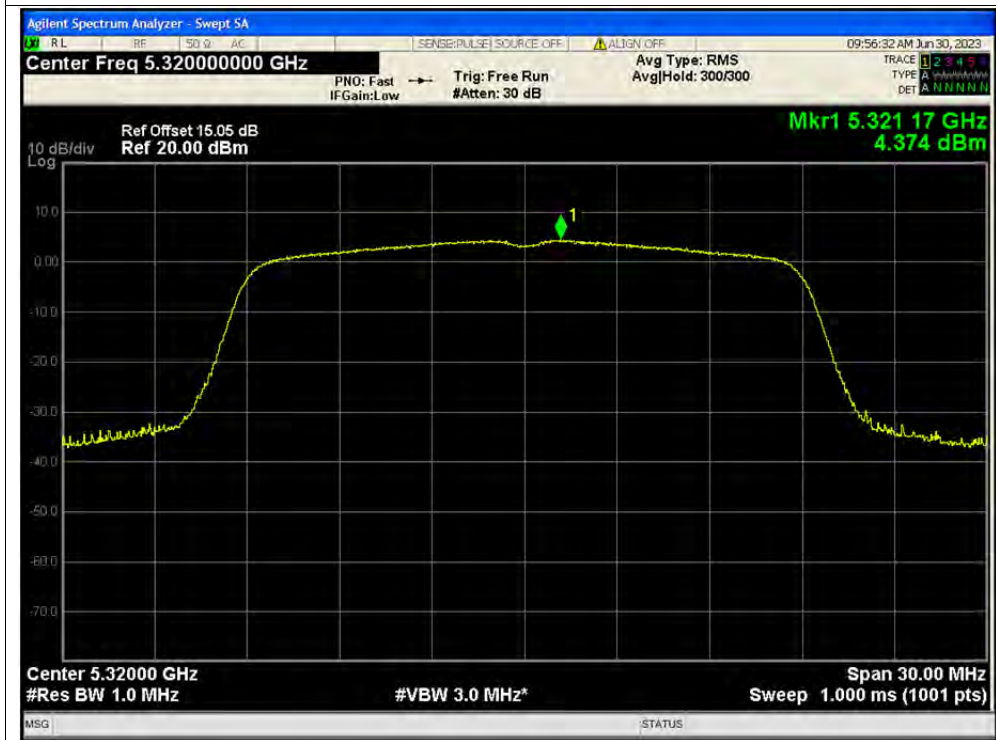


PSD NVNT n20 5300MHz Ant1

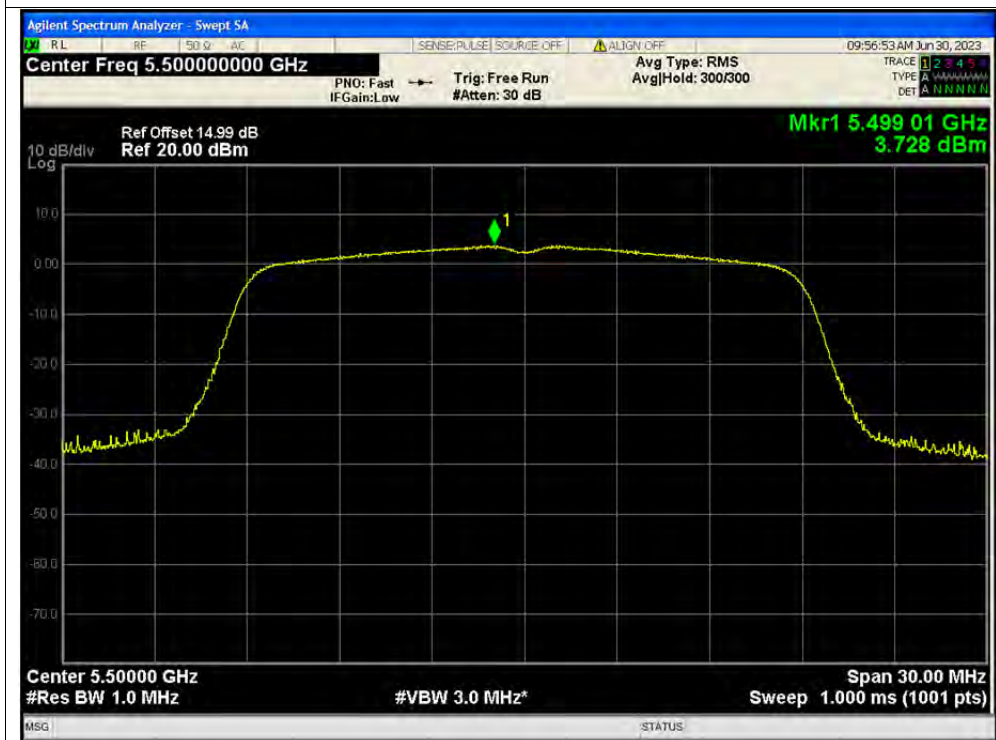




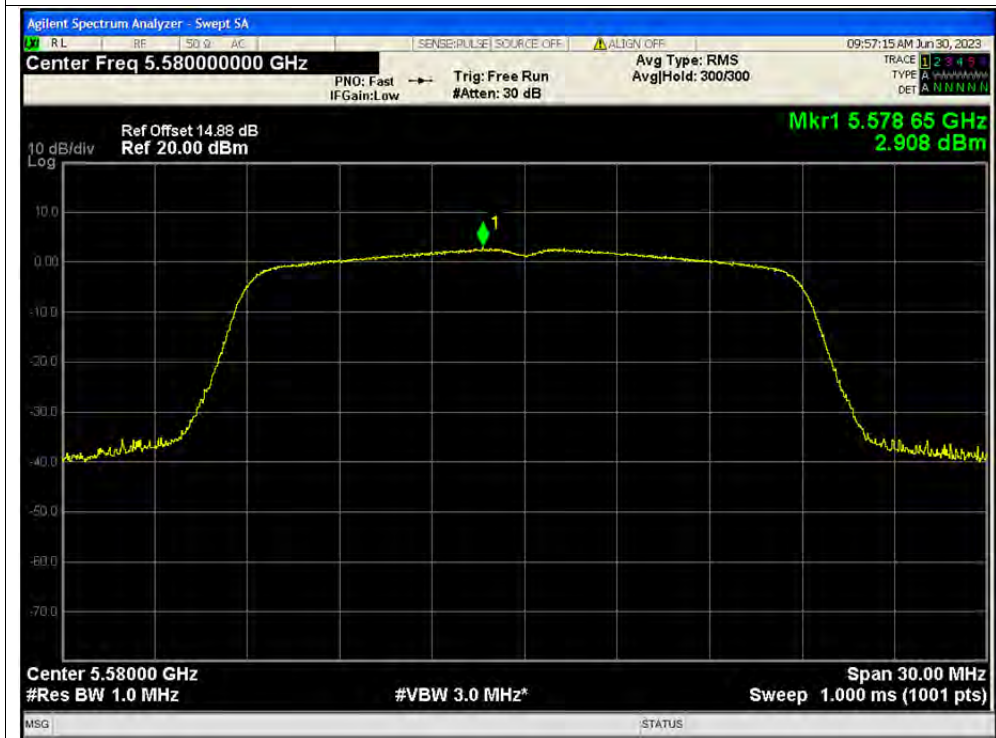
PSD NVNT n20 5320MHz Ant1



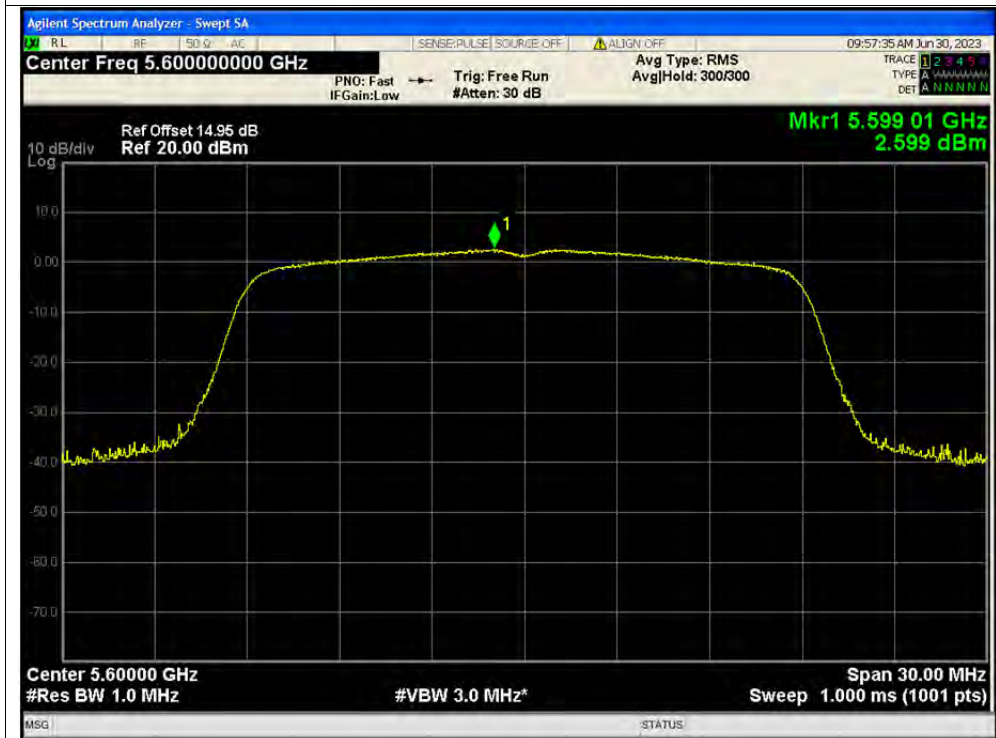
PSD NVNT n20 5500MHz Ant1



PSD NVNT n20 5580MHz Ant1

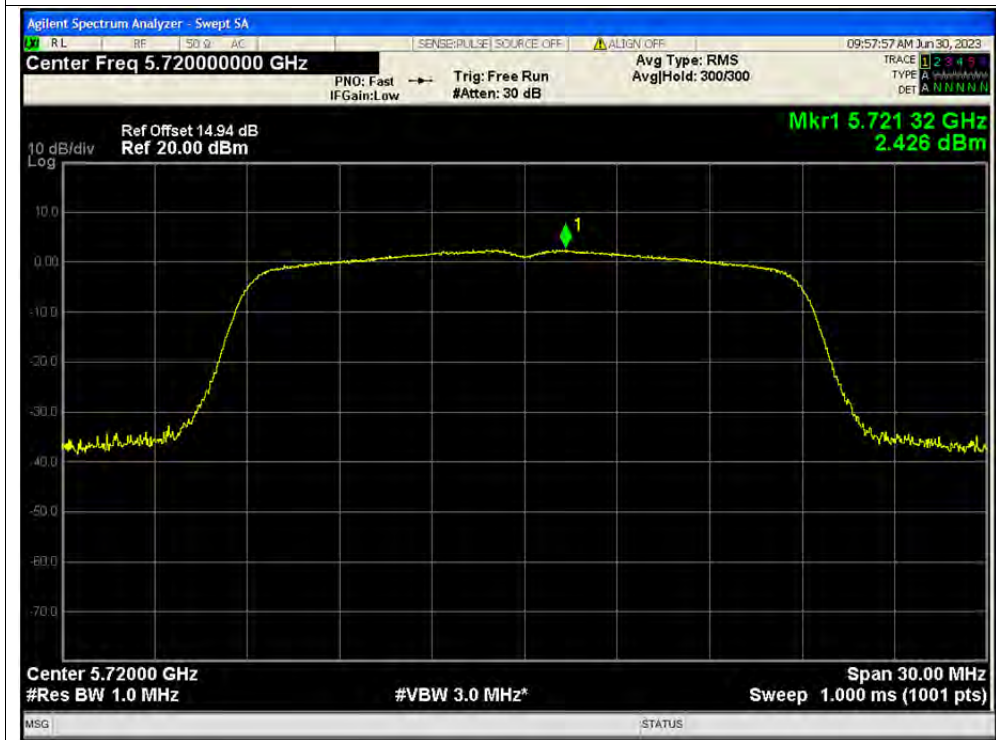


PSD NVNT n20 5600MHz Ant1

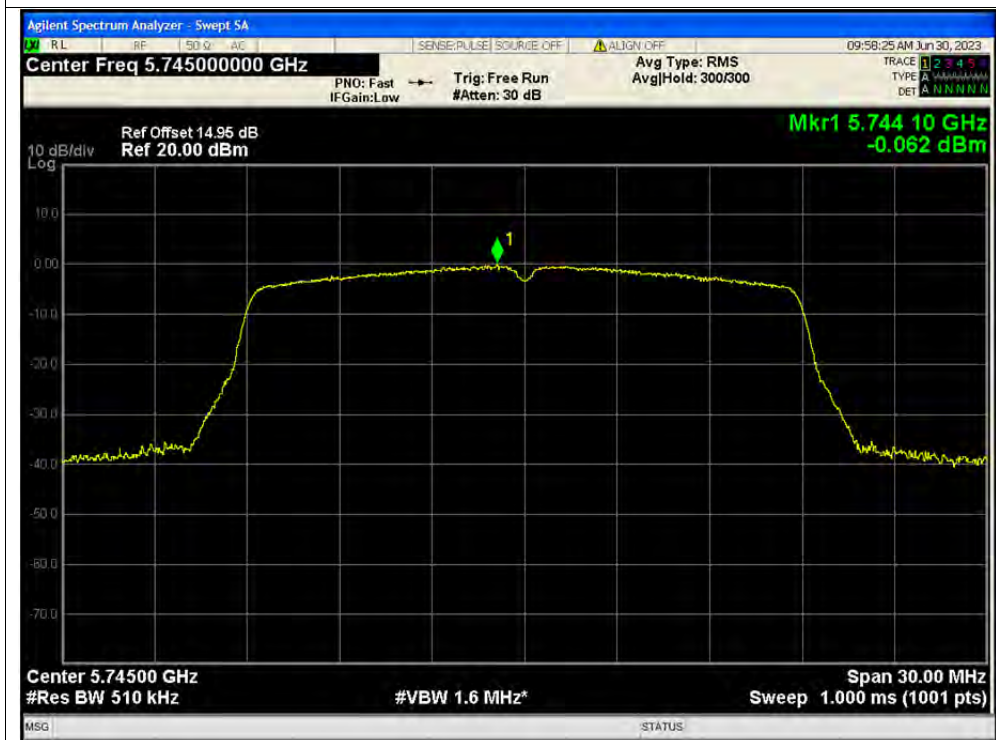




PSD NVNT n20 5720MHz Ant1

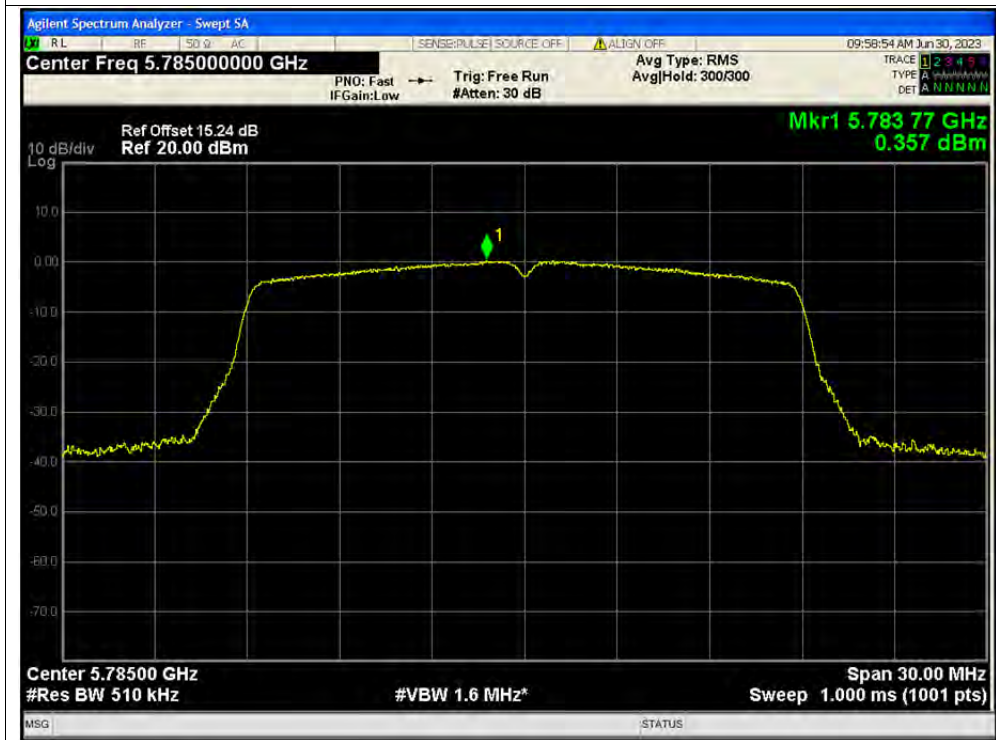


PSD NVNT n20 5745MHz Ant1

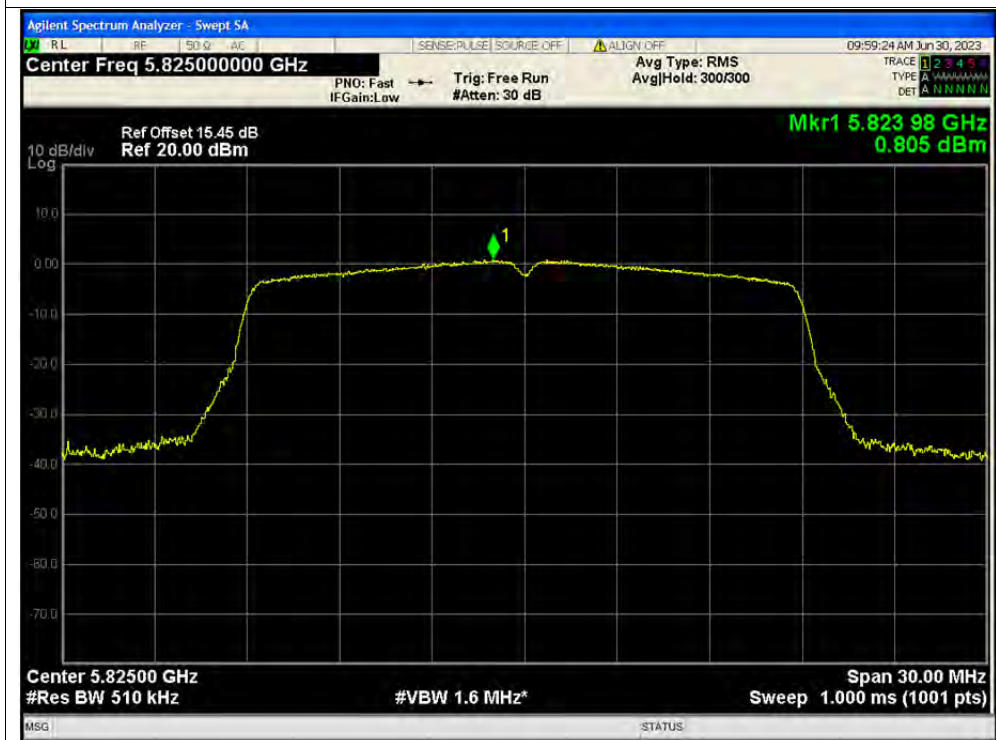




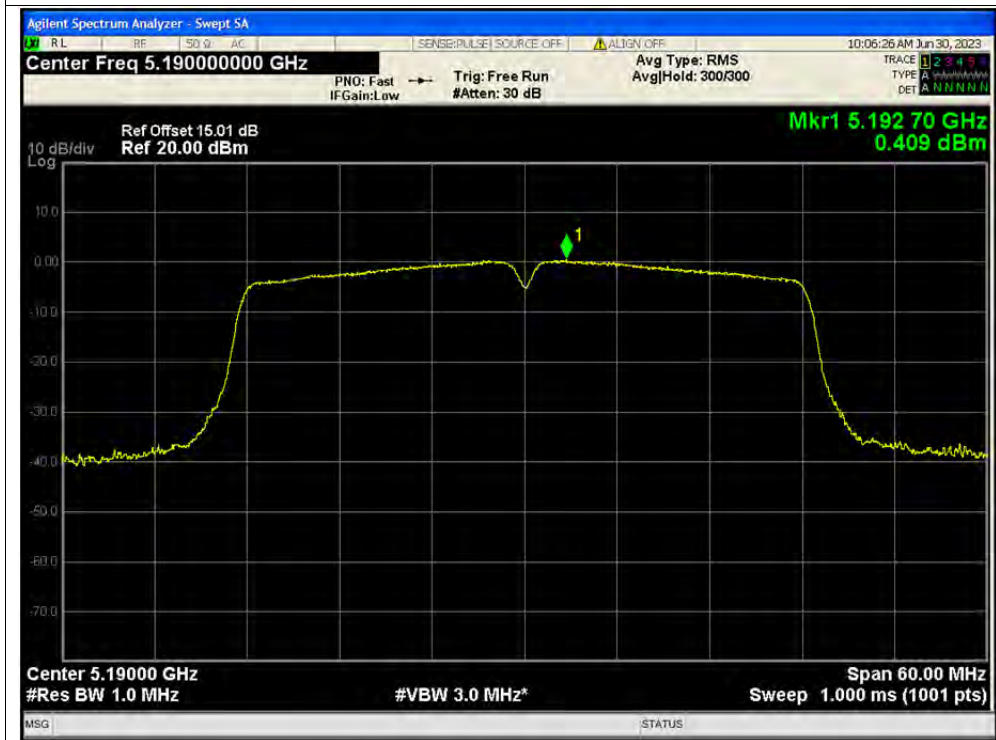
PSD NVNT n20 5785MHz Ant1



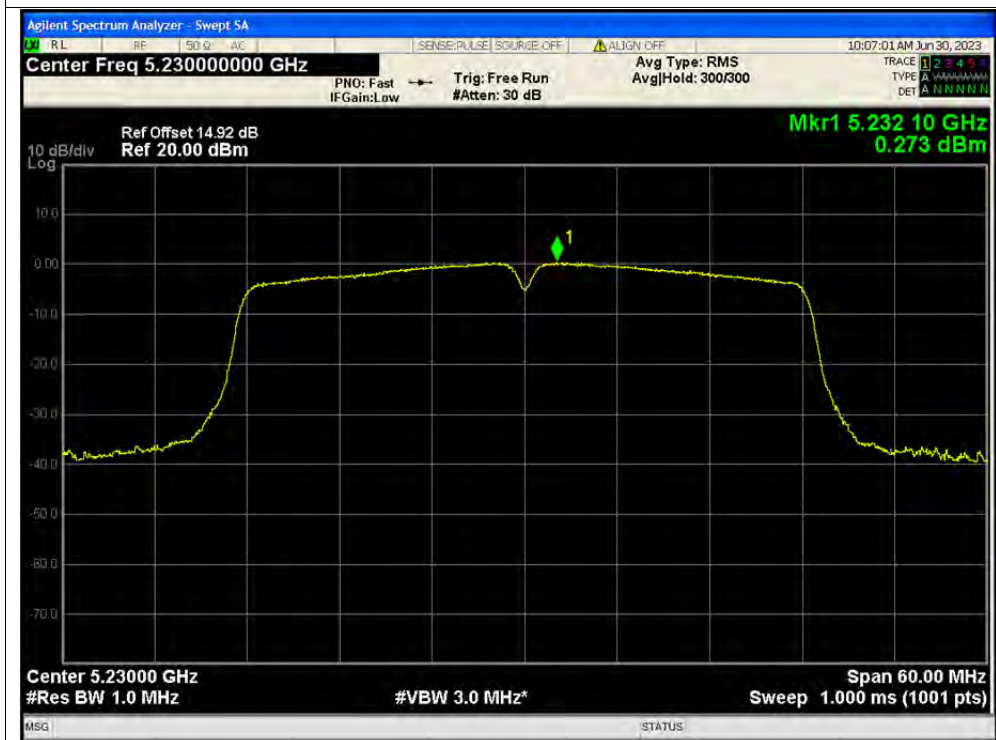
PSD NVNT n20 5825MHz Ant1



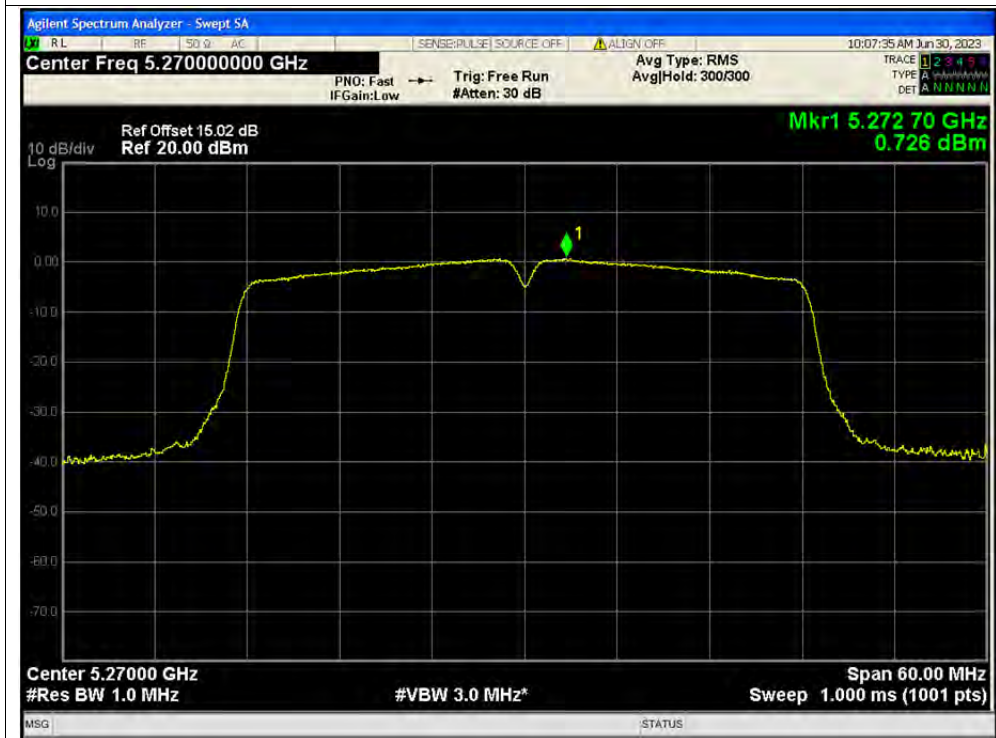
PSD NVNT n40 5190MHz Ant1



PSD NVNT n40 5230MHz Ant1



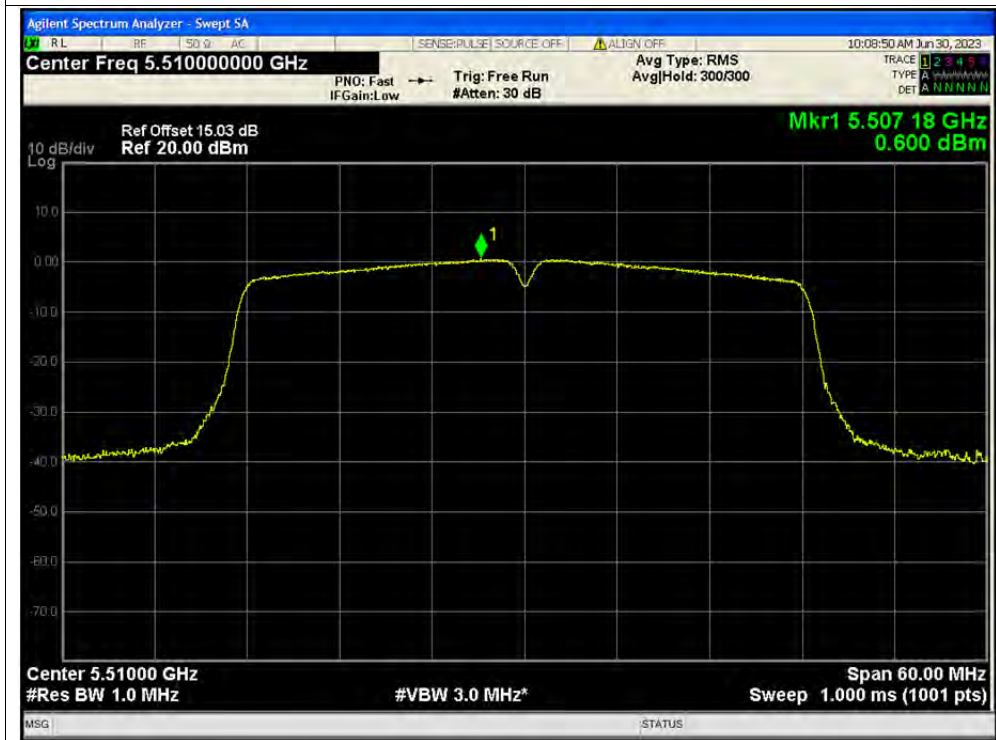
PSD NVNT n40 5270MHz Ant1



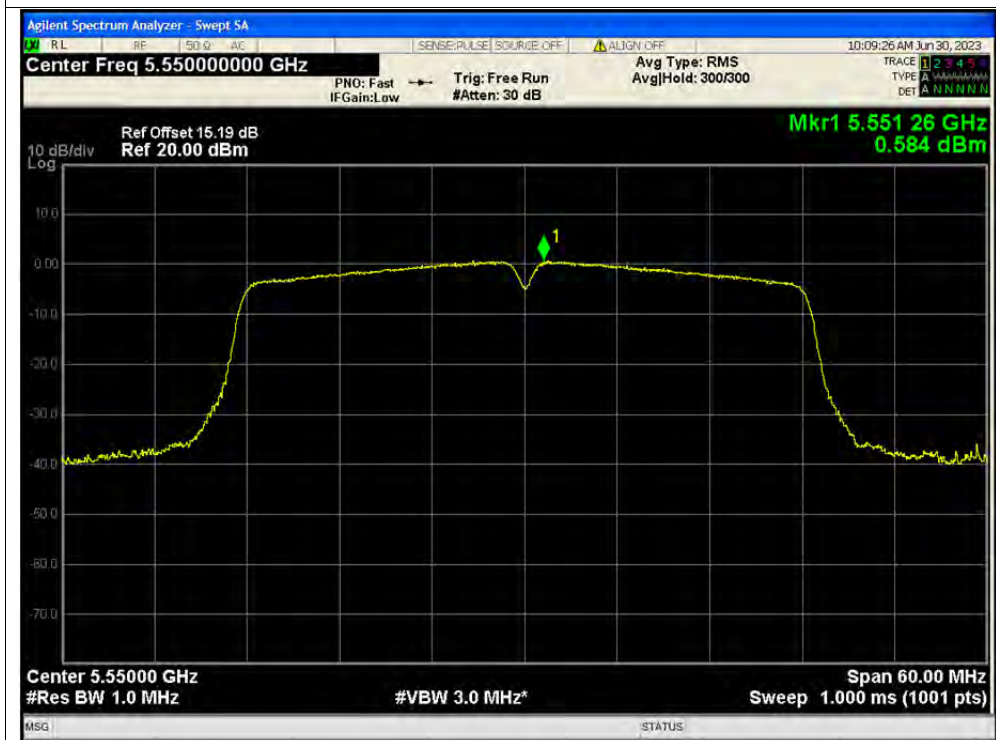
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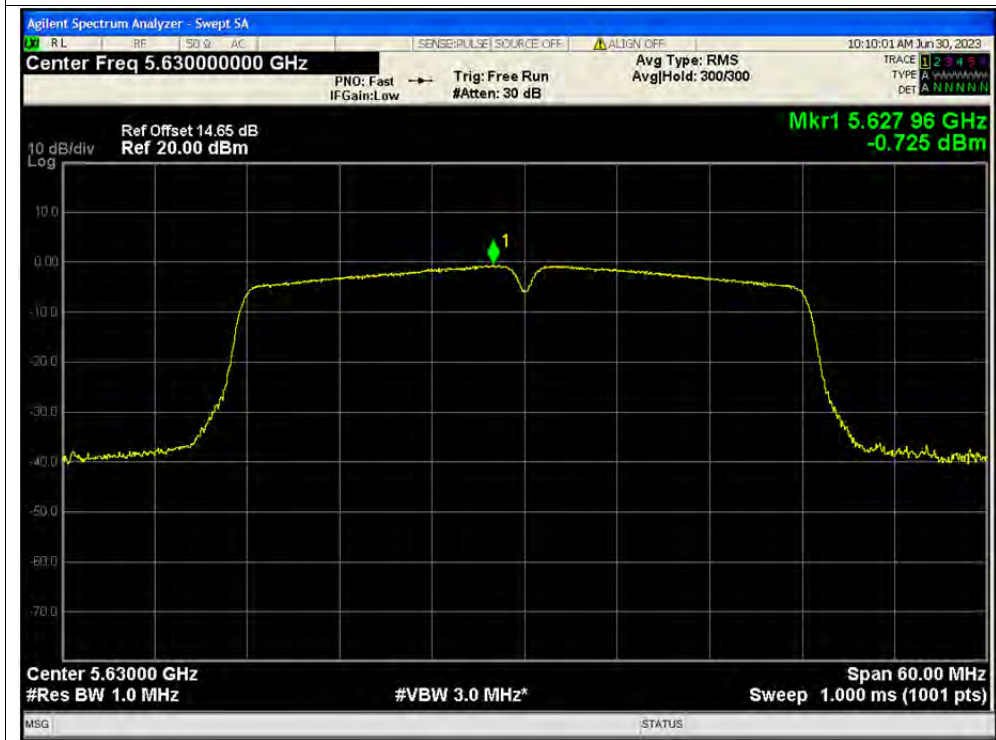
PSD NVNT n40 5510MHz Ant1



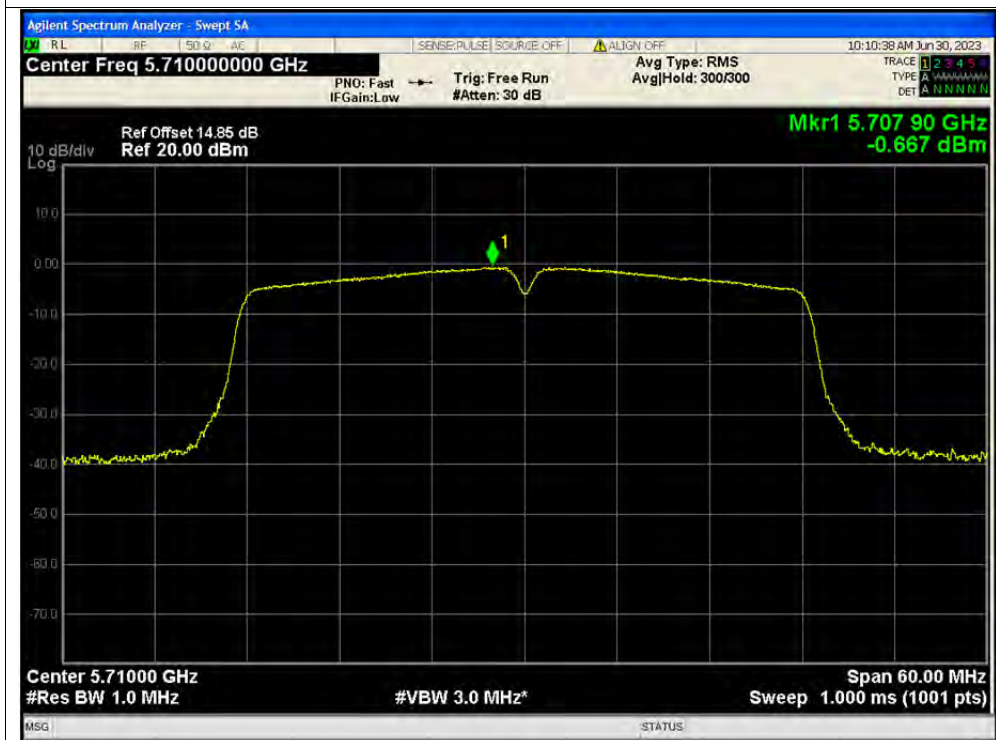
PSD NVNT n40 5550MHz Ant1



PSD NVNT n40 5630MHz Ant1



PSD NVNT n40 5710MHz Ant1

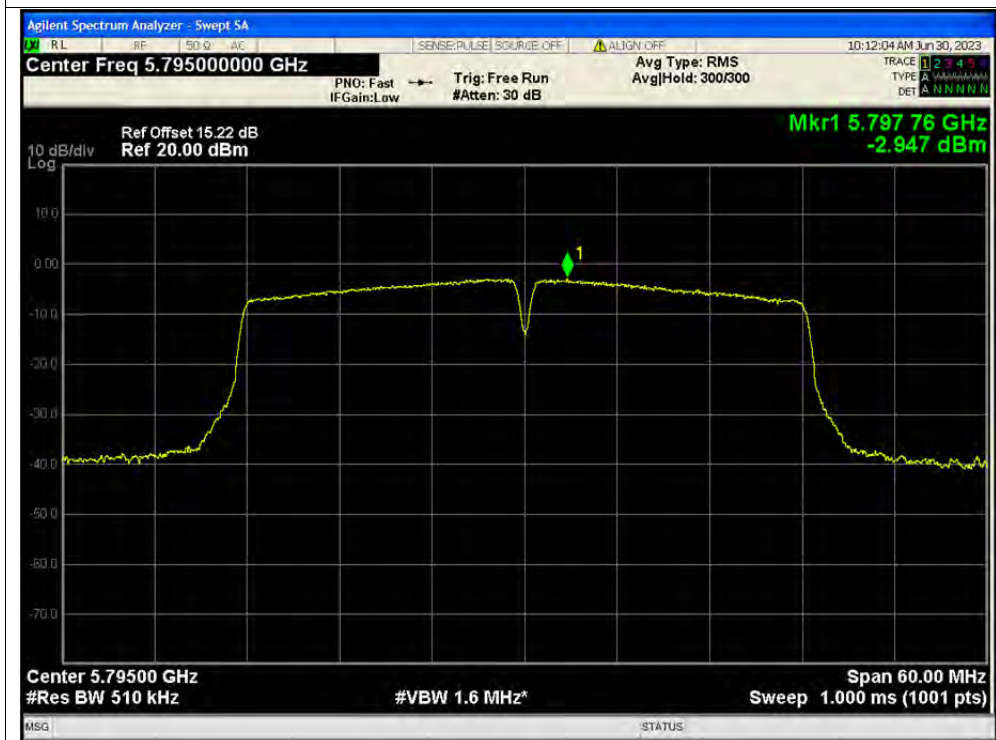




PSD NVNT n40 5755MHz Ant1

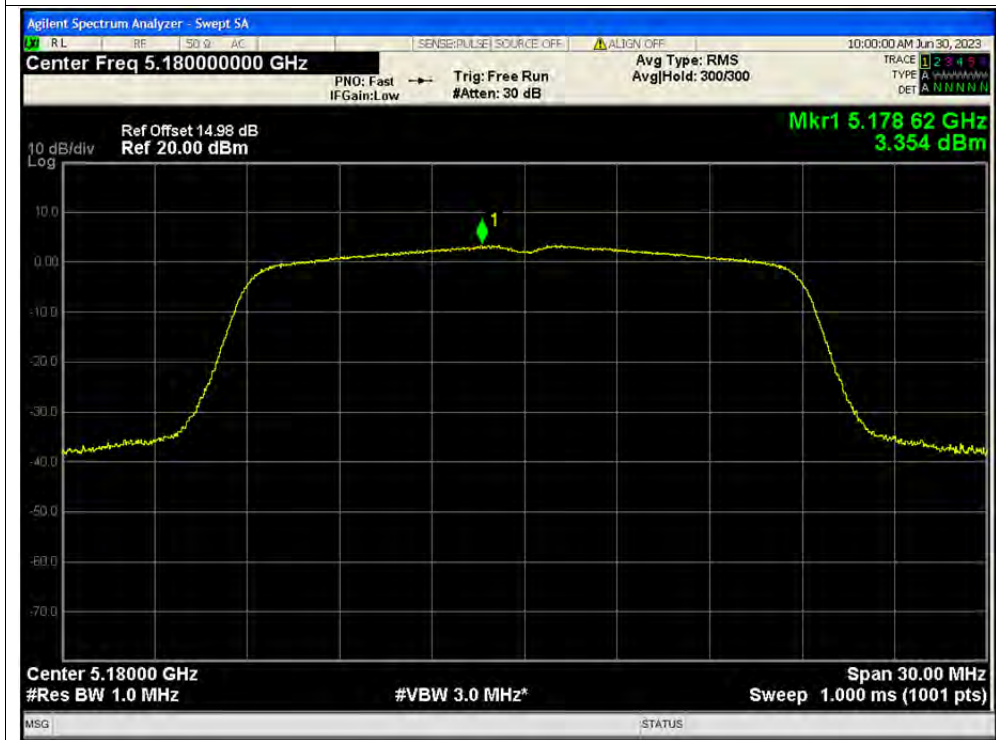


PSD NVNT n40 5795MHz Ant1

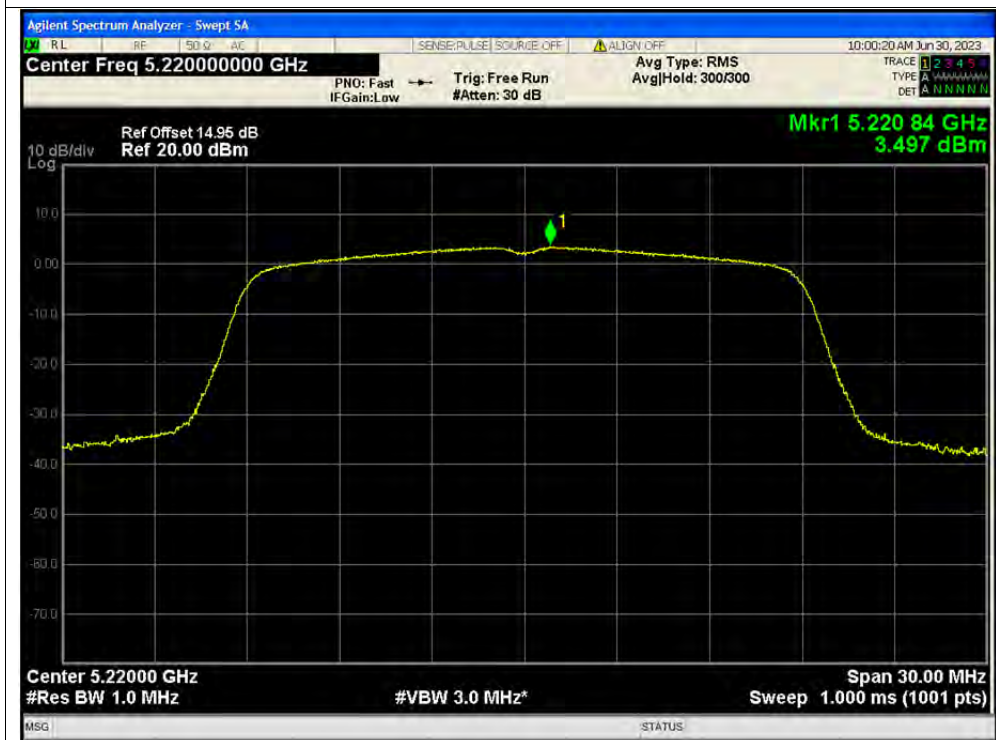




PSD NVNT ac20 5180MHz Ant1

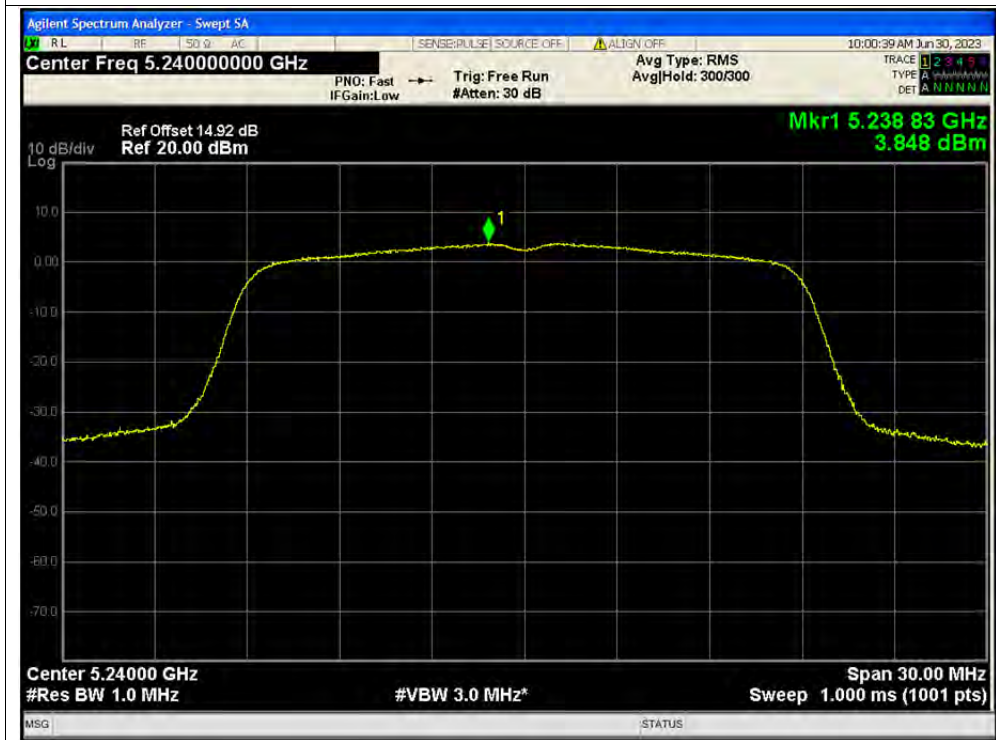


PSD NVNT ac20 5220MHz Ant1

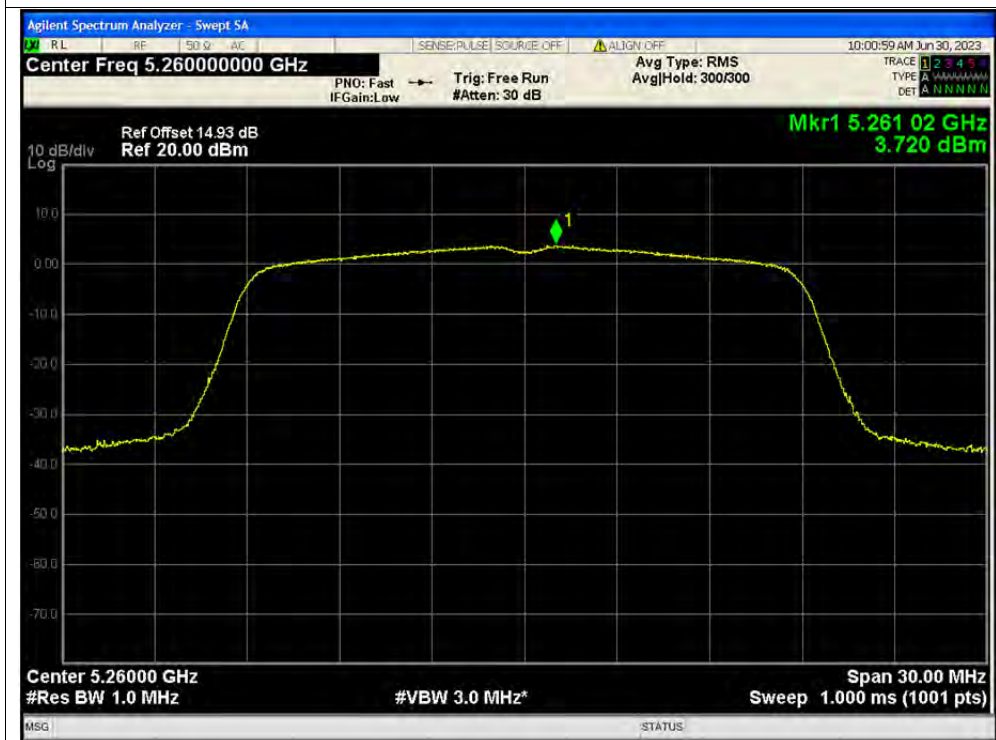




PSD NVNT ac20 5240MHz Ant1

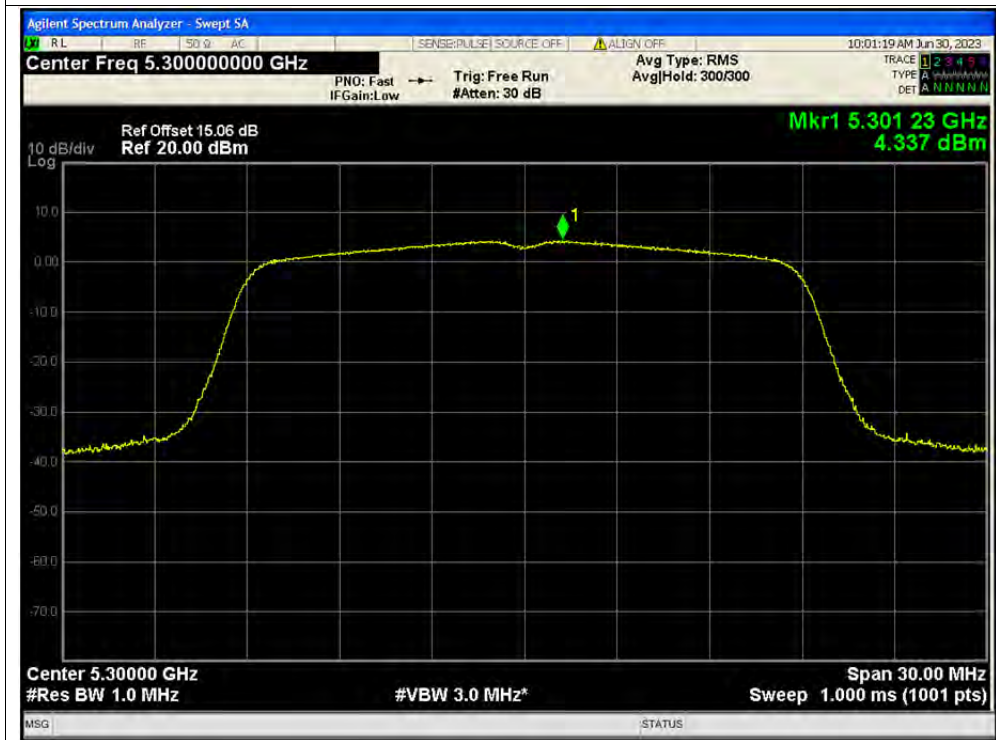


PSD NVNT ac20 5260MHz Ant1

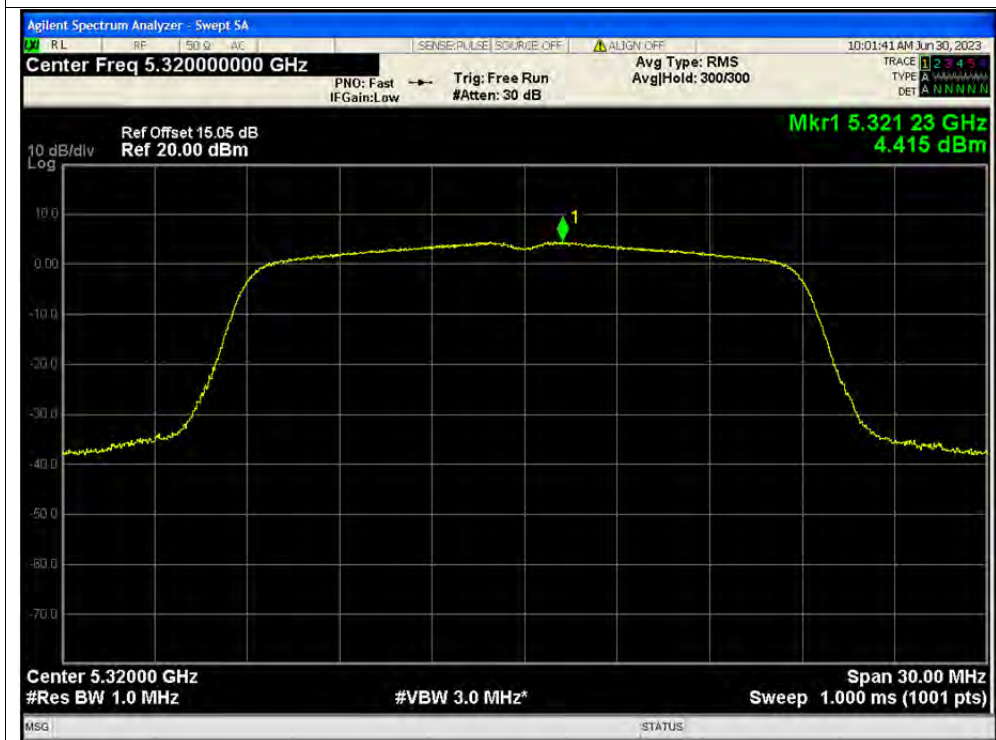




PSD NVNT ac20 5300MHz Ant1

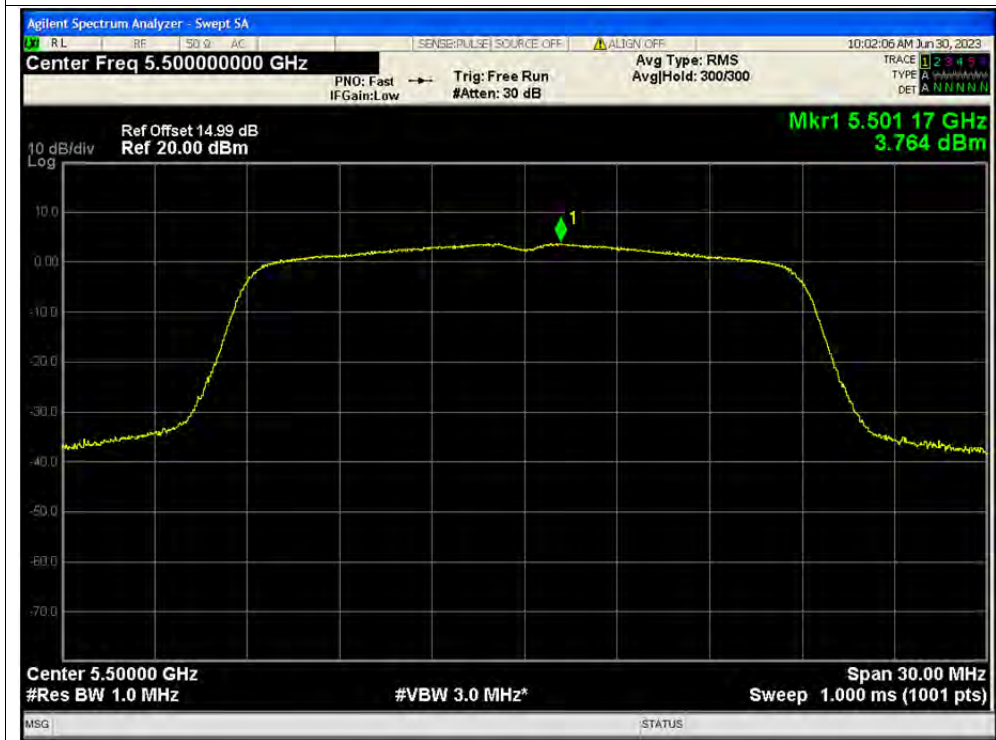


PSD NVNT ac20 5320MHz Ant1

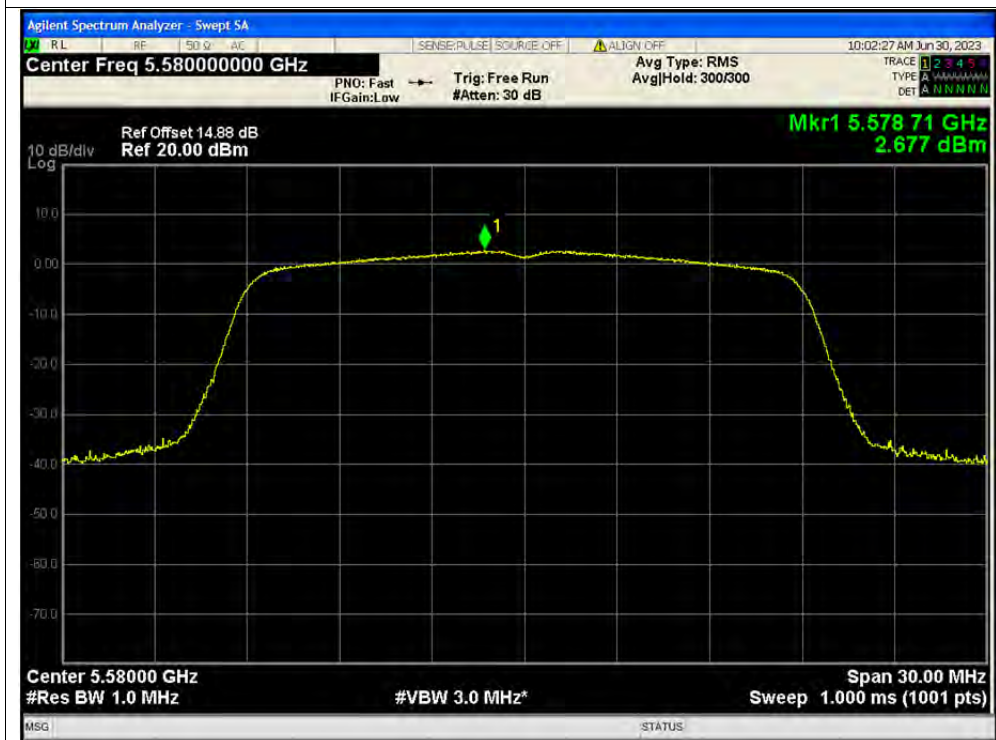




PSD NVNT ac20 5500MHz Ant1

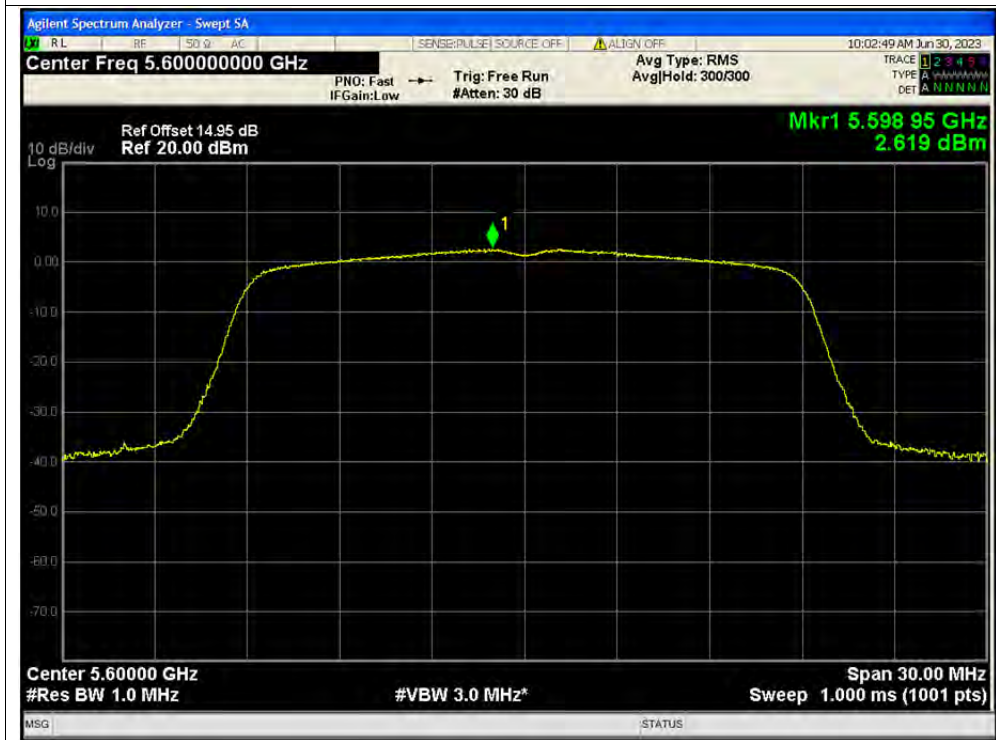


PSD NVNT ac20 5580MHz Ant1

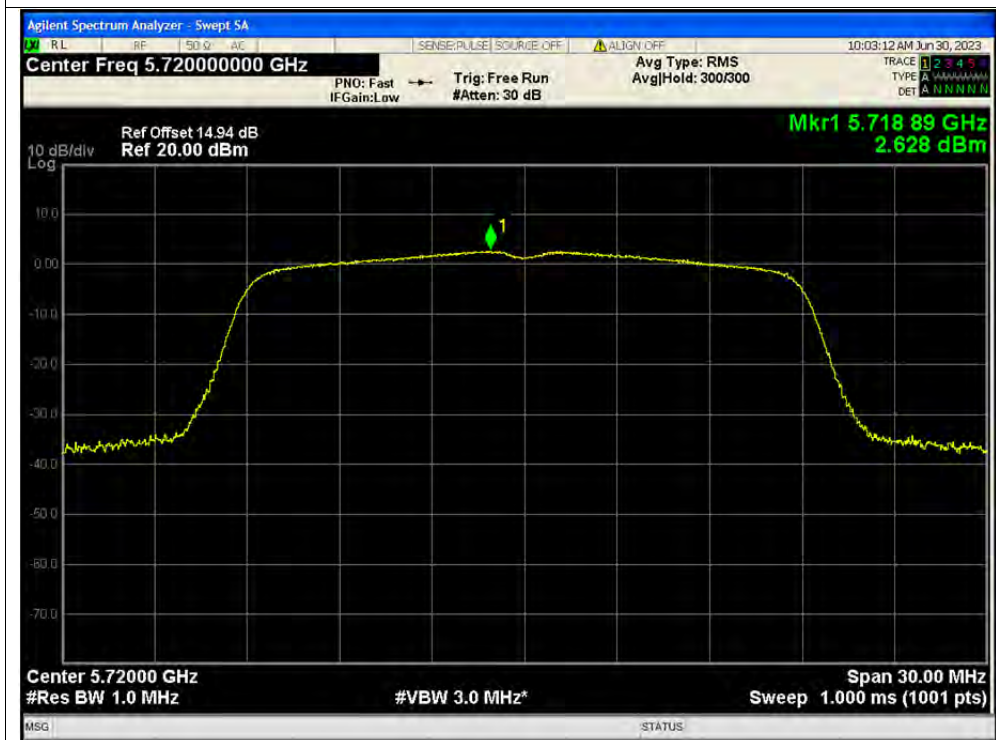




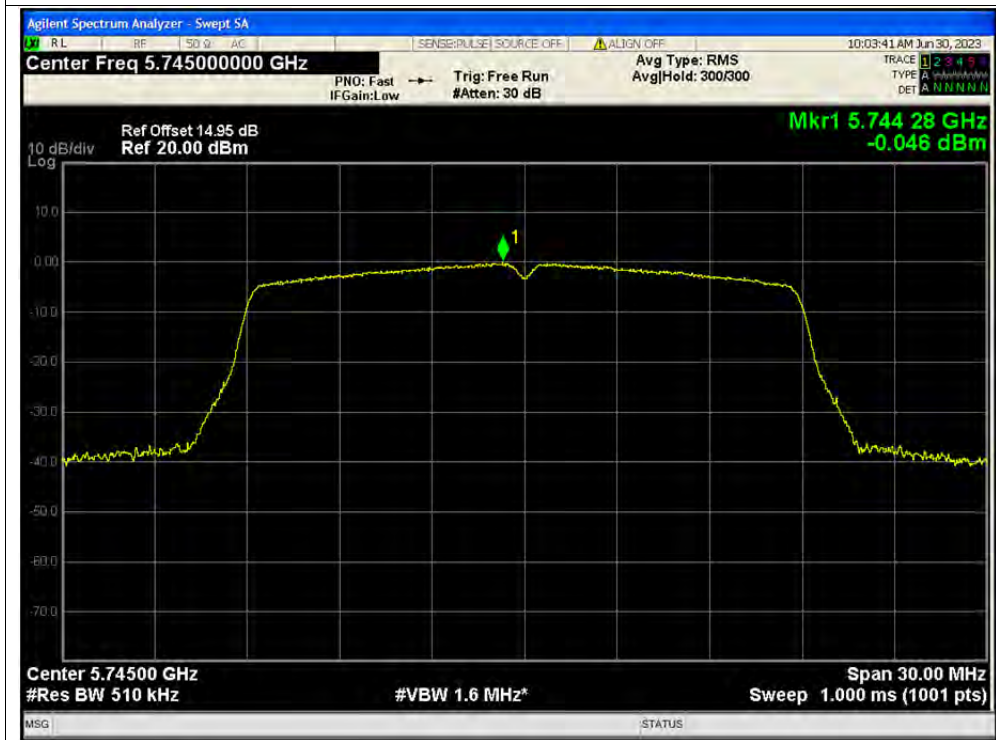
PSD NVNT ac20 5600MHz Ant1



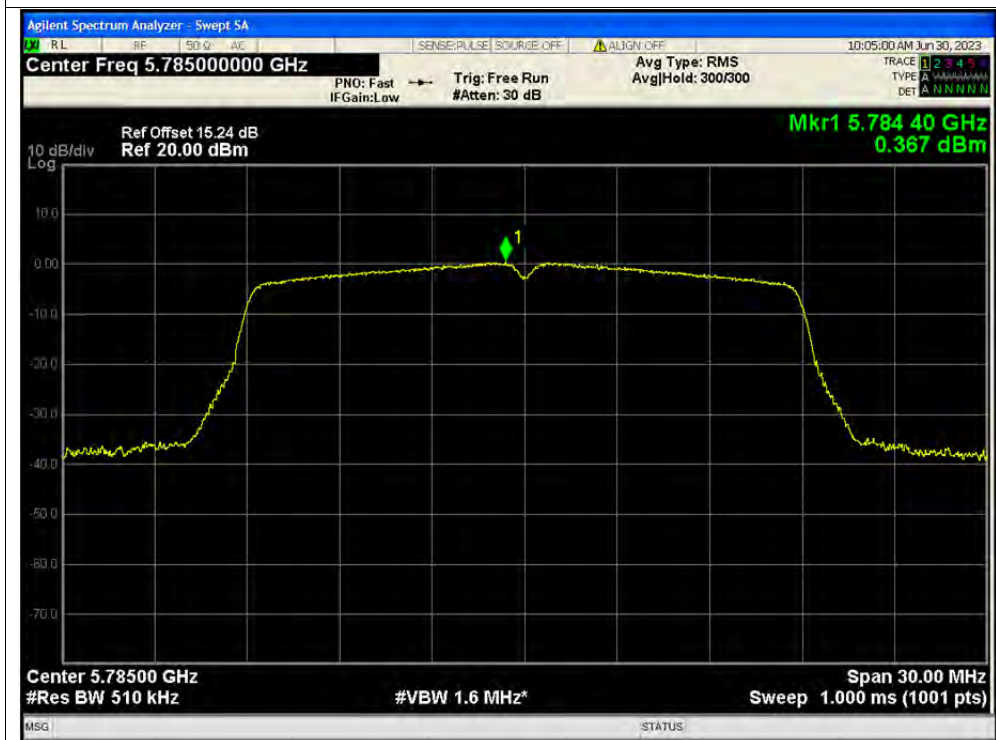
PSD NVNT ac20 5720MHz Ant1



PSD NVNT ac20 5745MHz Ant1

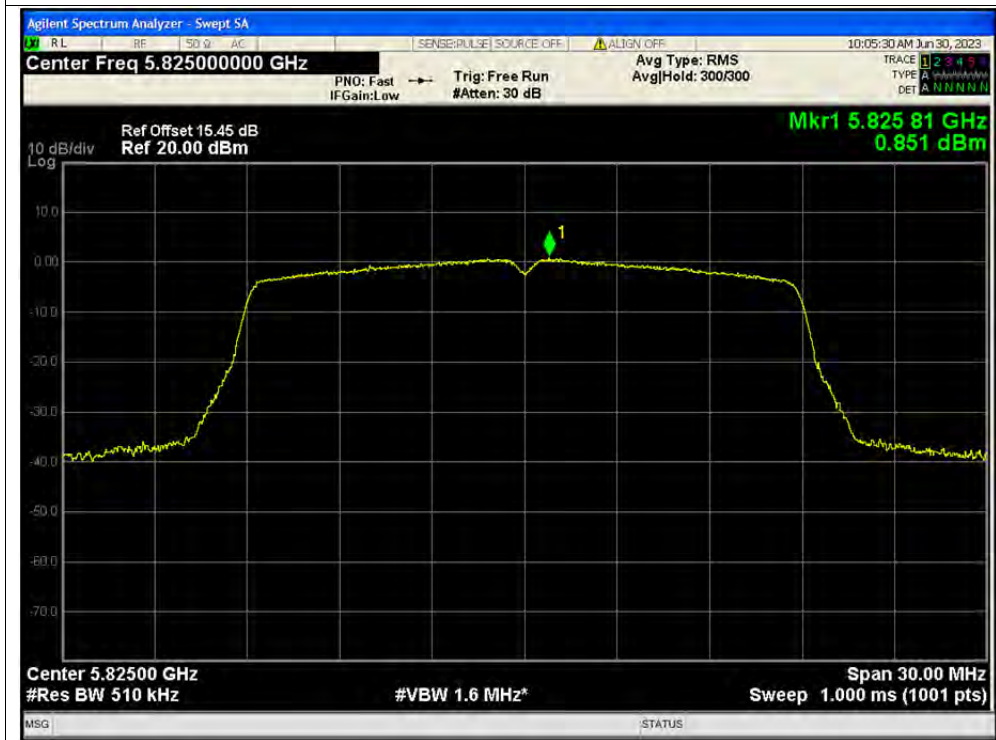


PSD NVNT ac20 5785MHz Ant1

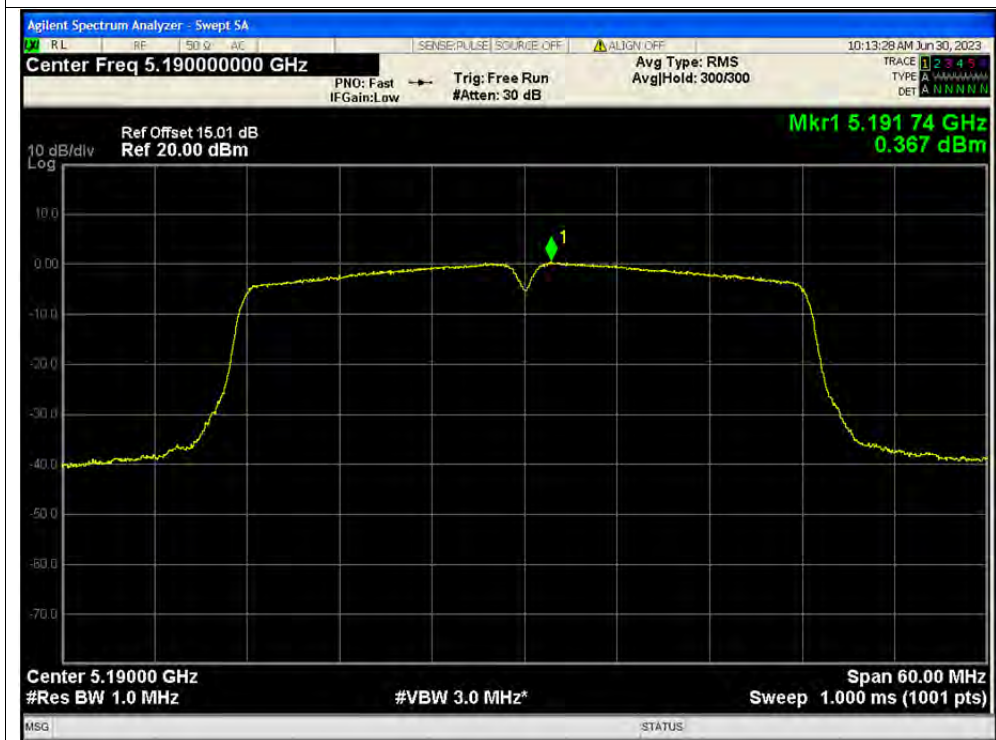




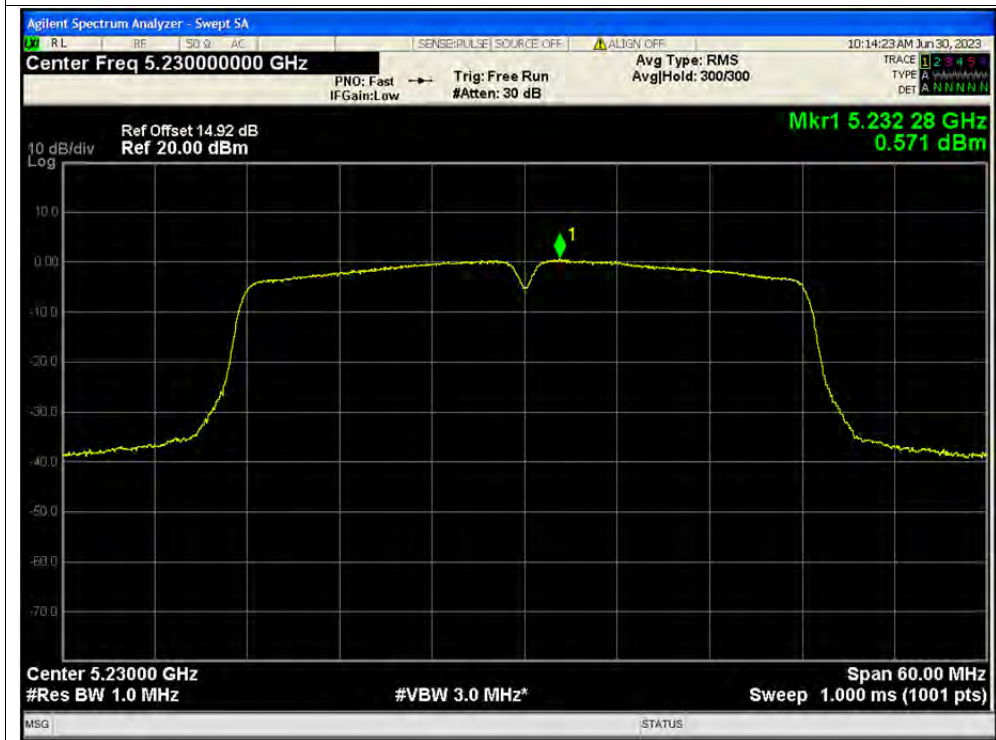
PSD NVNT ac20 5825MHz Ant1



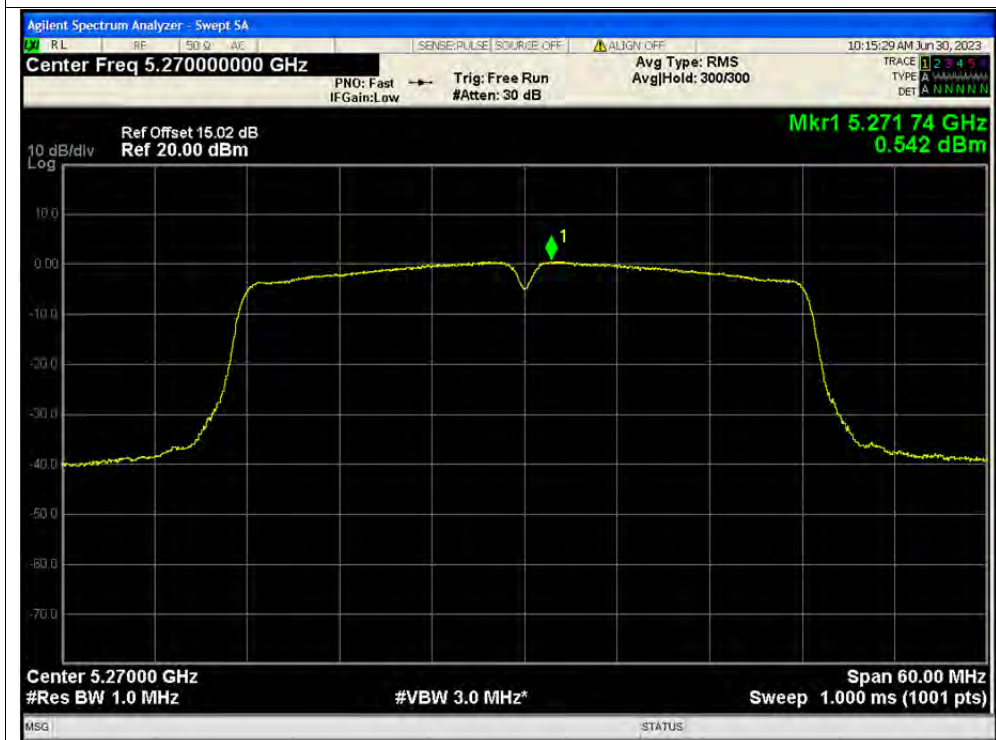
PSD NVNT ac40 5190MHz Ant1



PSD NVNT ac40 5230MHz Ant1

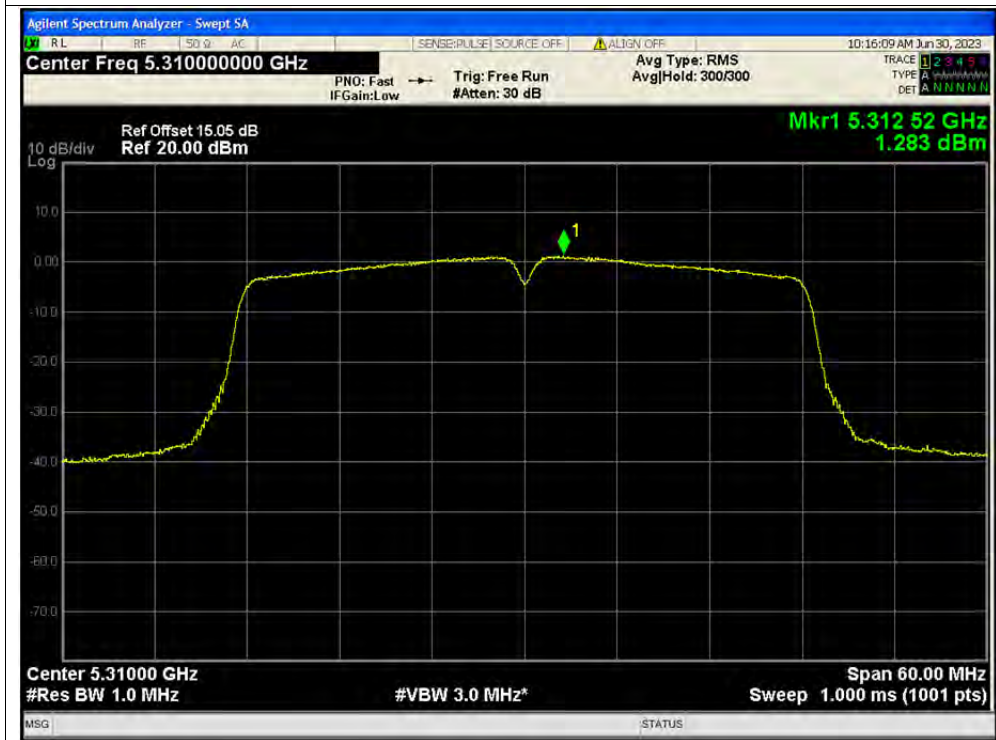


PSD NVNT ac40 5270MHz Ant1

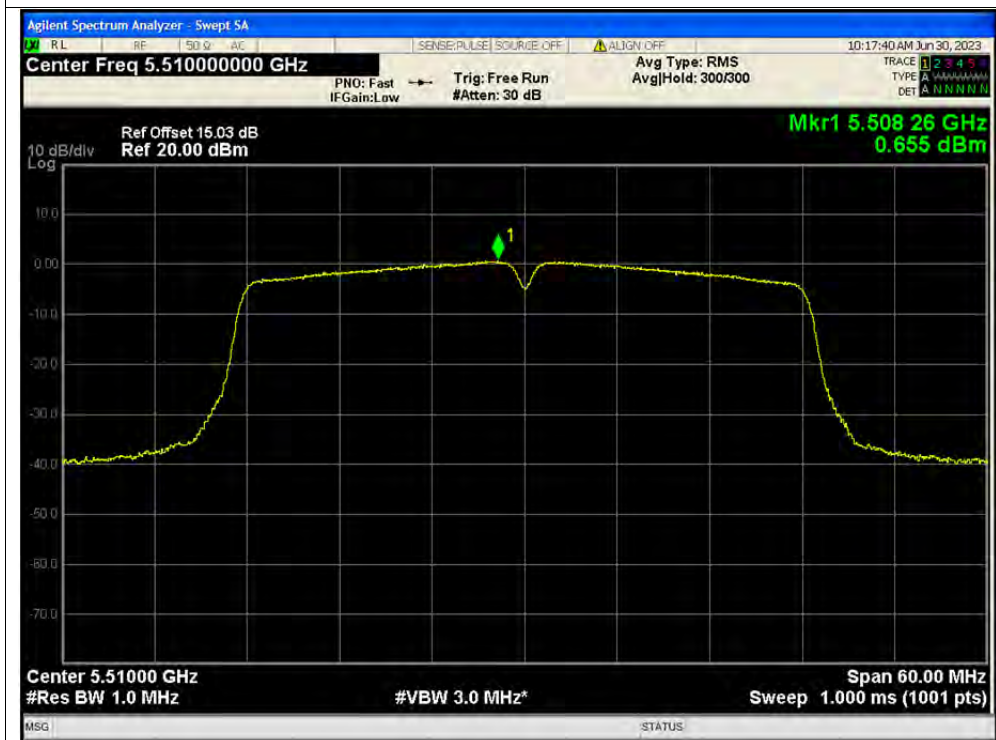




PSD NVNT ac40 5310MHz Ant1

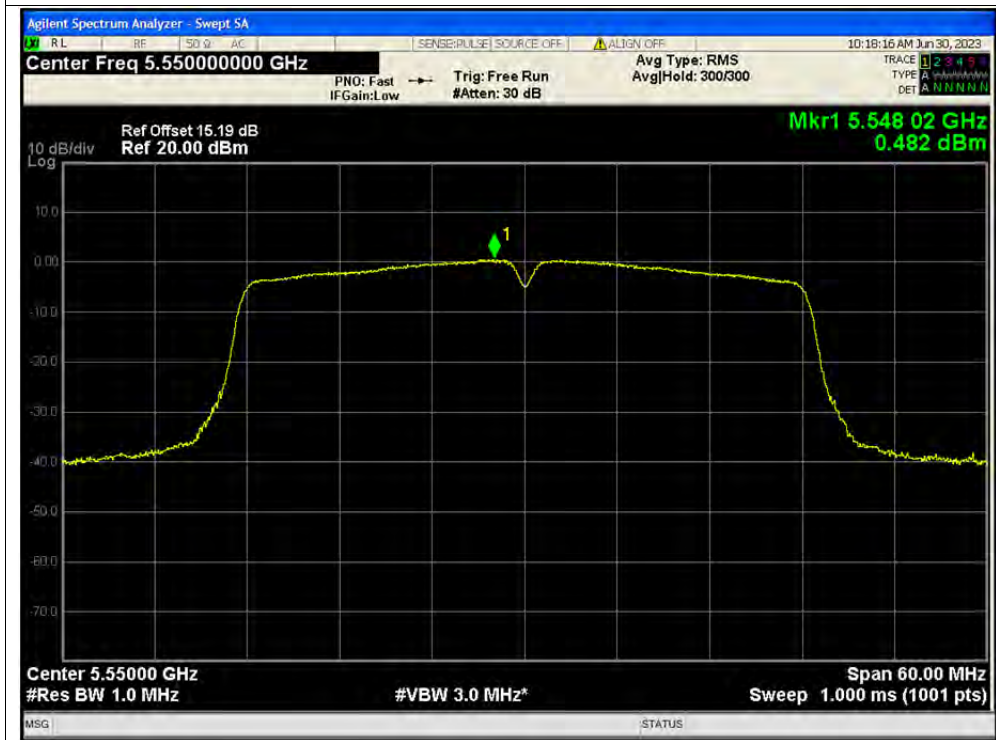


PSD NVNT ac40 5510MHz Ant1





PSD NVNT ac40 5550MHz Ant1

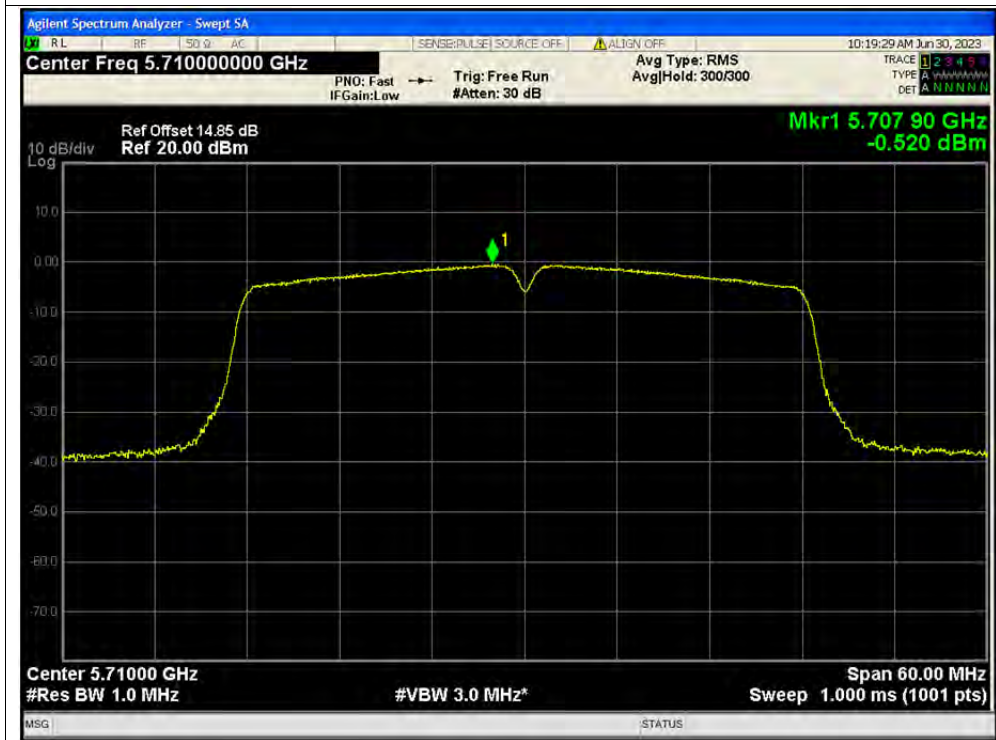


PSD NVNT ac40 5630MHz Ant1

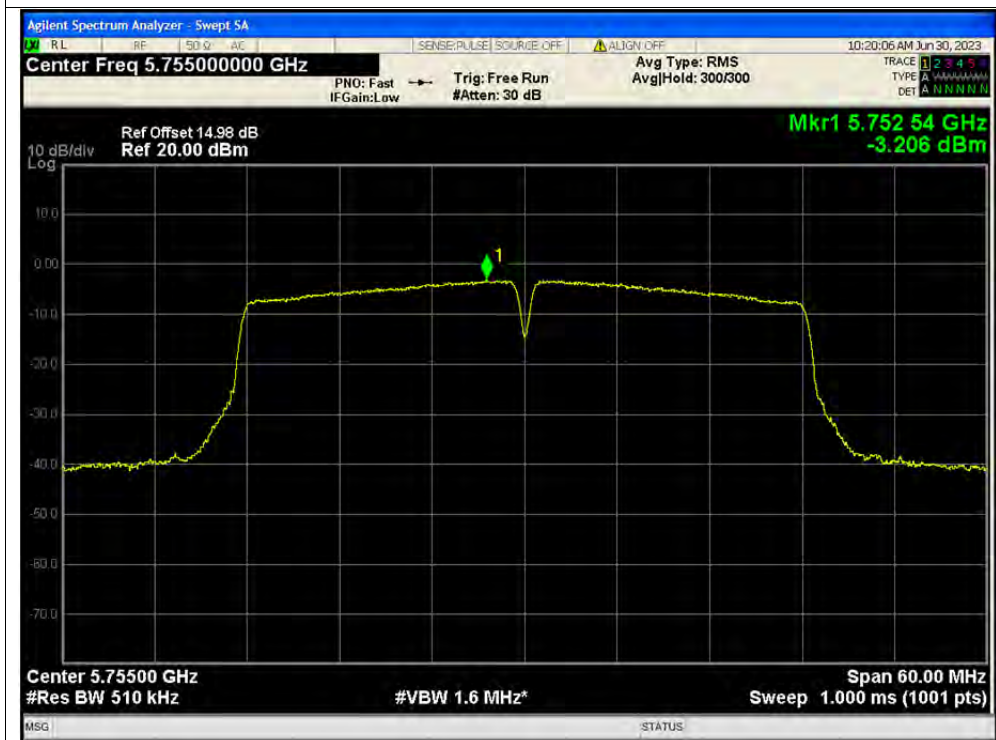




PSD NVNT ac40 5710MHz Ant1

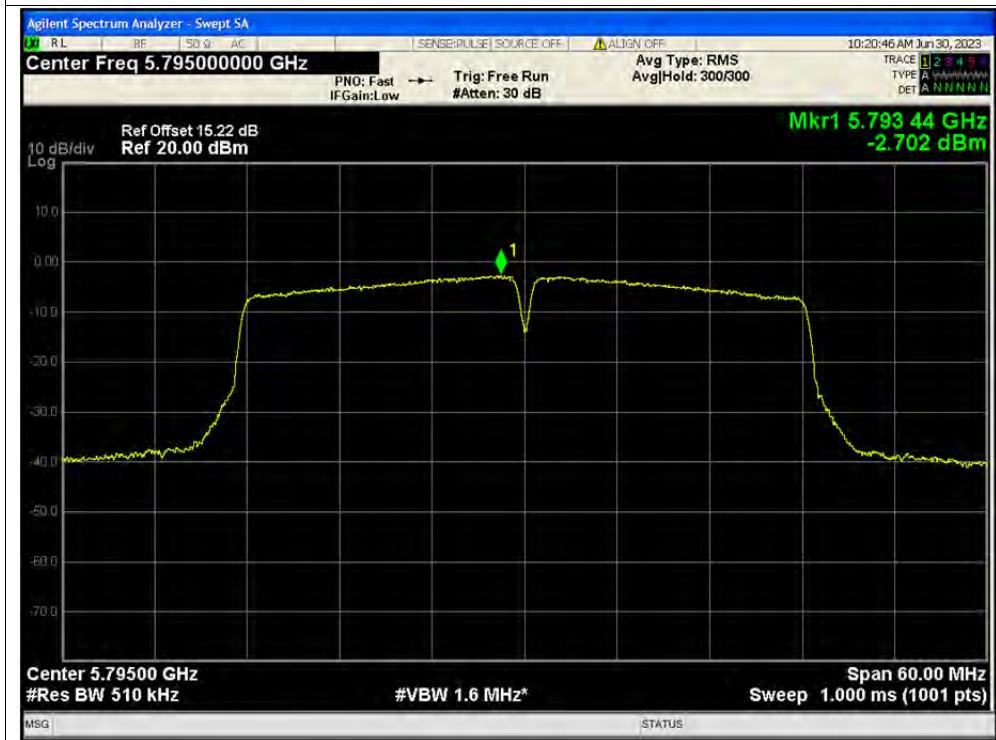


PSD NVNT ac40 5755MHz Ant1





PSD NVNT ac40 5795MHz Ant1

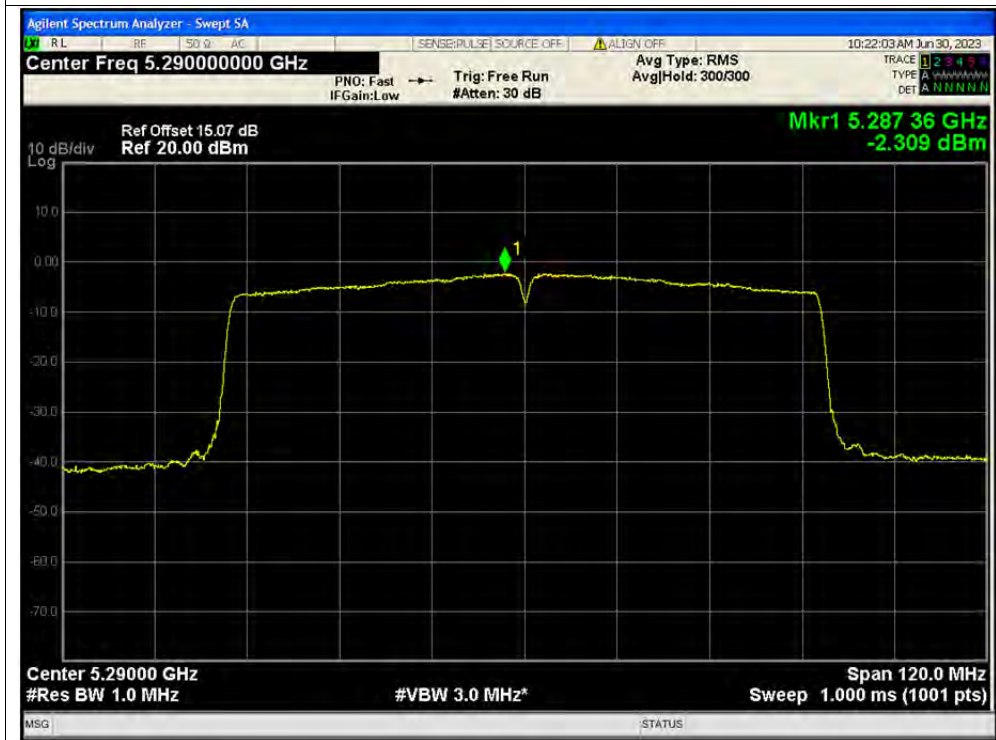


PSD NVNT ac80 5210MHz Ant1

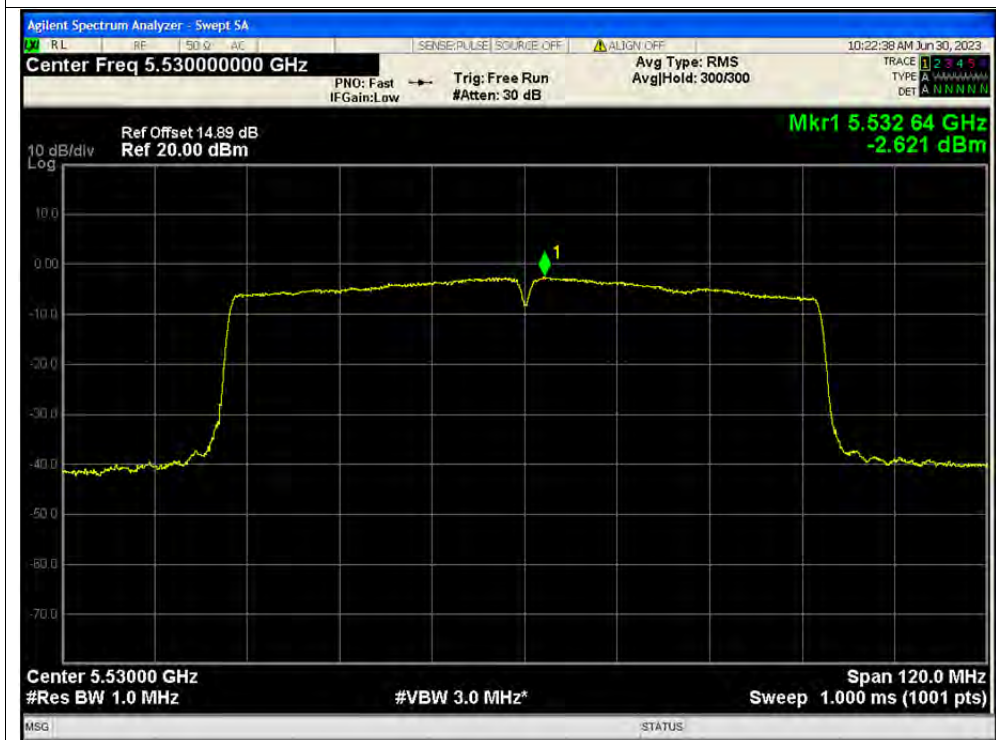




PSD NVNT ac80 5290MHz Ant1



PSD NVNT ac80 5530MHz Ant1



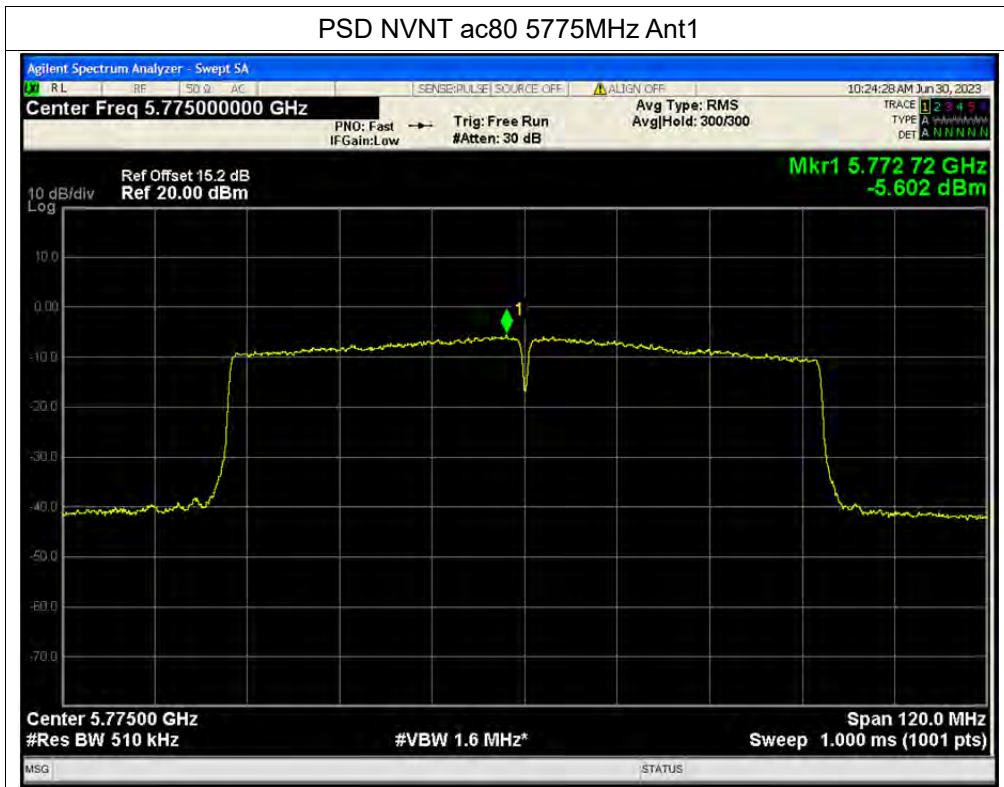


PSD NVNT ac80 5610MHz Ant1



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 3.5V	Carrier	5180	Ant1	5179.98	-20000	-3.86	25	Pass
20C 4.35V	Carrier	5180	Ant1	5179.98	-20000	-3.86	25	Pass
-10C 3.87V	Carrier	5180	Ant1	5179.98	-20000	-3.86	25	Pass
0C 3.87V	Carrier	5180	Ant1	5179.979	-21000	-4.05	25	Pass
10C 3.87V	Carrier	5180	Ant1	5179.979	-21000	-4.05	25	Pass
20C 3.87V	Carrier	5180	Ant1	5179.979	-21000	-4.05	25	Pass
30C 3.87V	Carrier	5180	Ant1	5179.979	-21000	-4.05	25	Pass
40C 3.87V	Carrier	5180	Ant1	5179.979	-21000	-4.05	25	Pass
50C 3.87V	Carrier	5180	Ant1	5179.979	-21000	-4.05	25	Pass
55C 3.87V	Carrier	5180	Ant1	5179.979	-21000	-4.05	25	Pass
20C 3.5V	Carrier	5260	Ant1	5259.978	-22000	-4.18	25	Pass
20C 4.35V	Carrier	5260	Ant1	5259.978	-22000	-4.18	25	Pass
-10C 3.8V	Carrier	5260	Ant1	5259.978	-22000	-4.18	25	Pass
0C 3.8V	Carrier	5260	Ant1	5259.978	-22000	-4.18	25	Pass
10C 3.8V	Carrier	5260	Ant1	5259.978	-22000	-4.18	25	Pass
20C 3.8V	Carrier	5260	Ant1	5259.978	-22000	-4.18	25	Pass
30C 3.8V	Carrier	5260	Ant1	5259.978	-22000	-4.18	25	Pass
40C 3.8V	Carrier	5260	Ant1	5259.978	-22000	-4.18	25	Pass
50C 3.8V	Carrier	5260	Ant1	5259.978	-22000	-4.18	25	Pass
55C 3.8V	Carrier	5260	Ant1	5259.978	-22000	-4.18	25	Pass
20C 3.5V	Carrier	5500	Ant1	5499.977	-23000	-4.18	25	Pass
20C 4.35V	Carrier	5500	Ant1	5499.977	-23000	-4.18	25	Pass
-10C 3.87V	Carrier	5500	Ant1	5499.977	-23000	-4.18	25	Pass
0C 3.87V	Carrier	5500	Ant1	5499.977	-23000	-4.18	25	Pass
10C 3.87V	Carrier	5500	Ant1	5499.977	-23000	-4.18	25	Pass
20C 3.87V	Carrier	5500	Ant1	5499.977	-23000	-4.18	25	Pass
30C 3.87V	Carrier	5500	Ant1	5499.977	-23000	-4.18	25	Pass
40C 3.87V	Carrier	5500	Ant1	5499.977	-23000	-4.18	25	Pass
50C 3.87V	Carrier	5500	Ant1	5499.977	-23000	-4.18	25	Pass
55C 3.87V	Carrier	5500	Ant1	5499.977	-23000	-4.18	25	Pass
20C 3.5V	Carrier	5745	Ant1	5744.976	-24000	-4.18	25	Pass
20C 4.35V	Carrier	5745	Ant1	5744.976	-24000	-4.18	25	Pass
-10C 3.87V	Carrier	5745	Ant1	5744.976	-24000	-4.18	25	Pass
0C 3.87V	Carrier	5745	Ant1	5744.976	-24000	-4.18	25	Pass



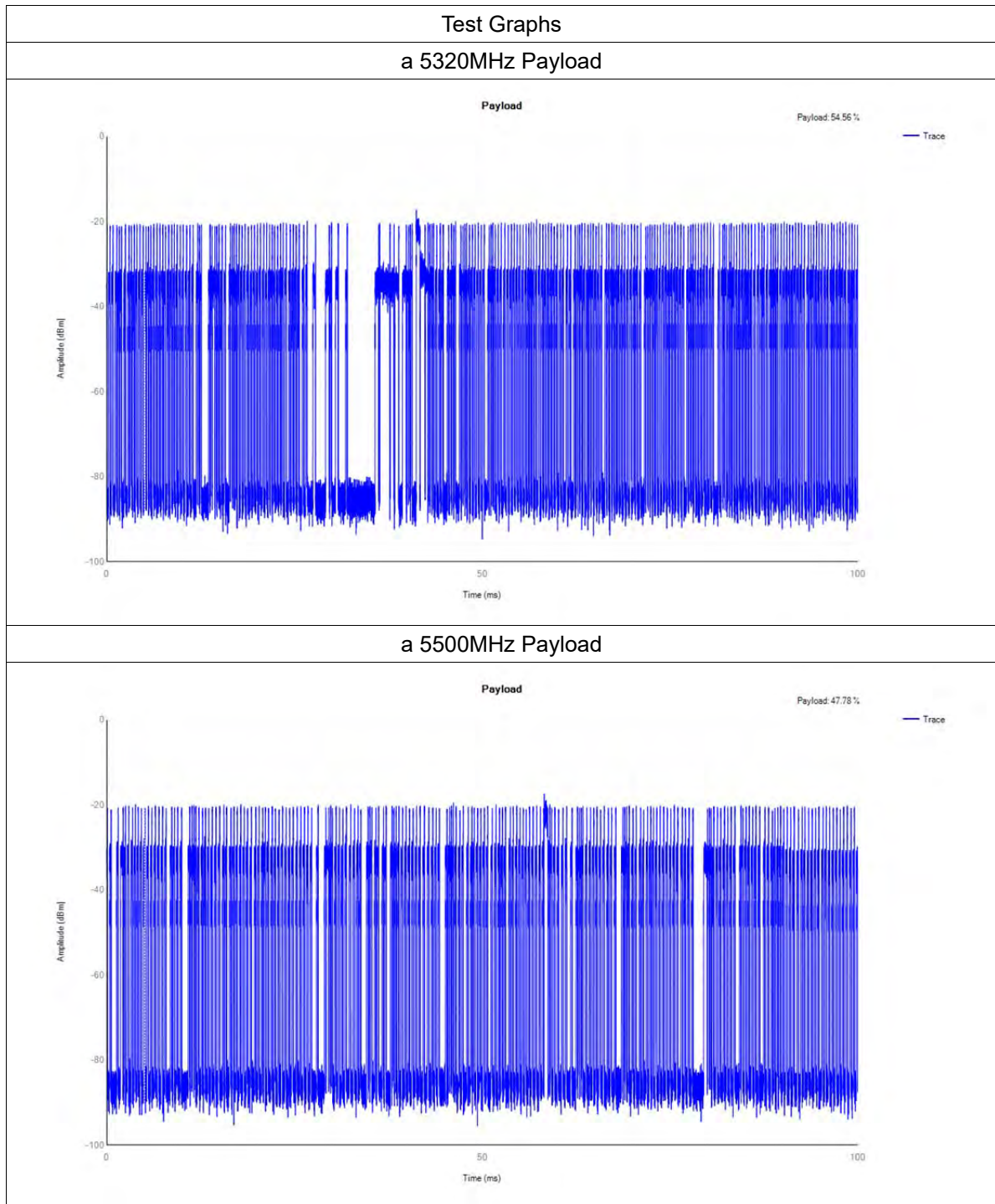
10C 3.87V	Carrier	5745	Ant1	5744.976	-24000	-4.18	25	Pass
20C 3.87V	Carrier	5745	Ant1	5744.976	-24000	-4.18	25	Pass
30C 3.87V	Carrier	5745	Ant1	5744.976	-24000	-4.18	25	Pass
40C 3.87V	Carrier	5745	Ant1	5744.976	-24000	-4.18	25	Pass
50C 3.87V	Carrier	5745	Ant1	5744.976	-24000	-4.18	25	Pass
55C 3.87V	Carrier	5745	Ant1	5744.976	-24000	-4.18	25	Pass

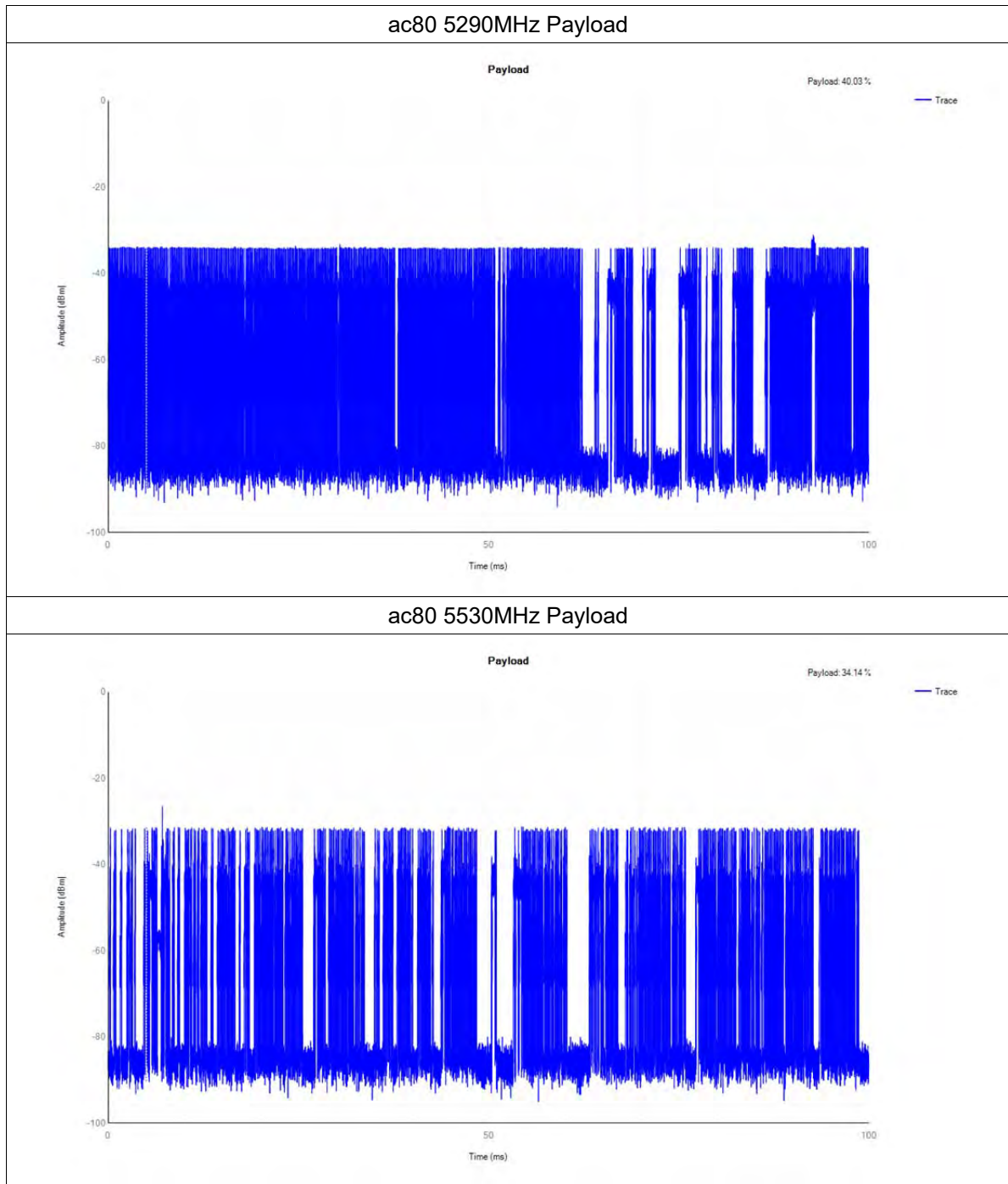


A.6. Dynamic Frequency Selection

Payload

Mode	Frequency (MHz)	Result	Verdict
a	5320	54.56	Pass
a	5500	47.78	Pass
ac80	5290	40.03	Pass
ac80	5530	34.14	Pass

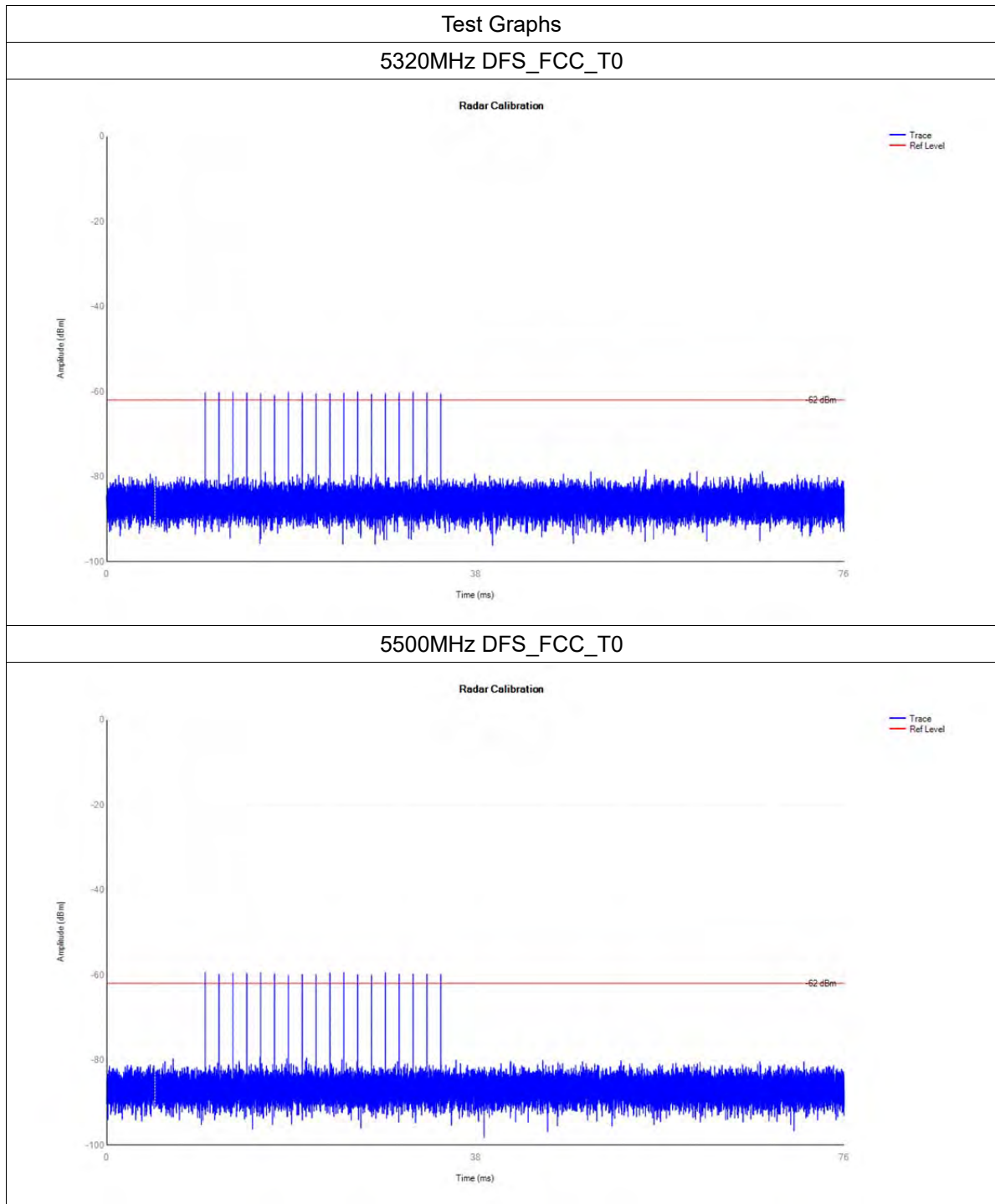


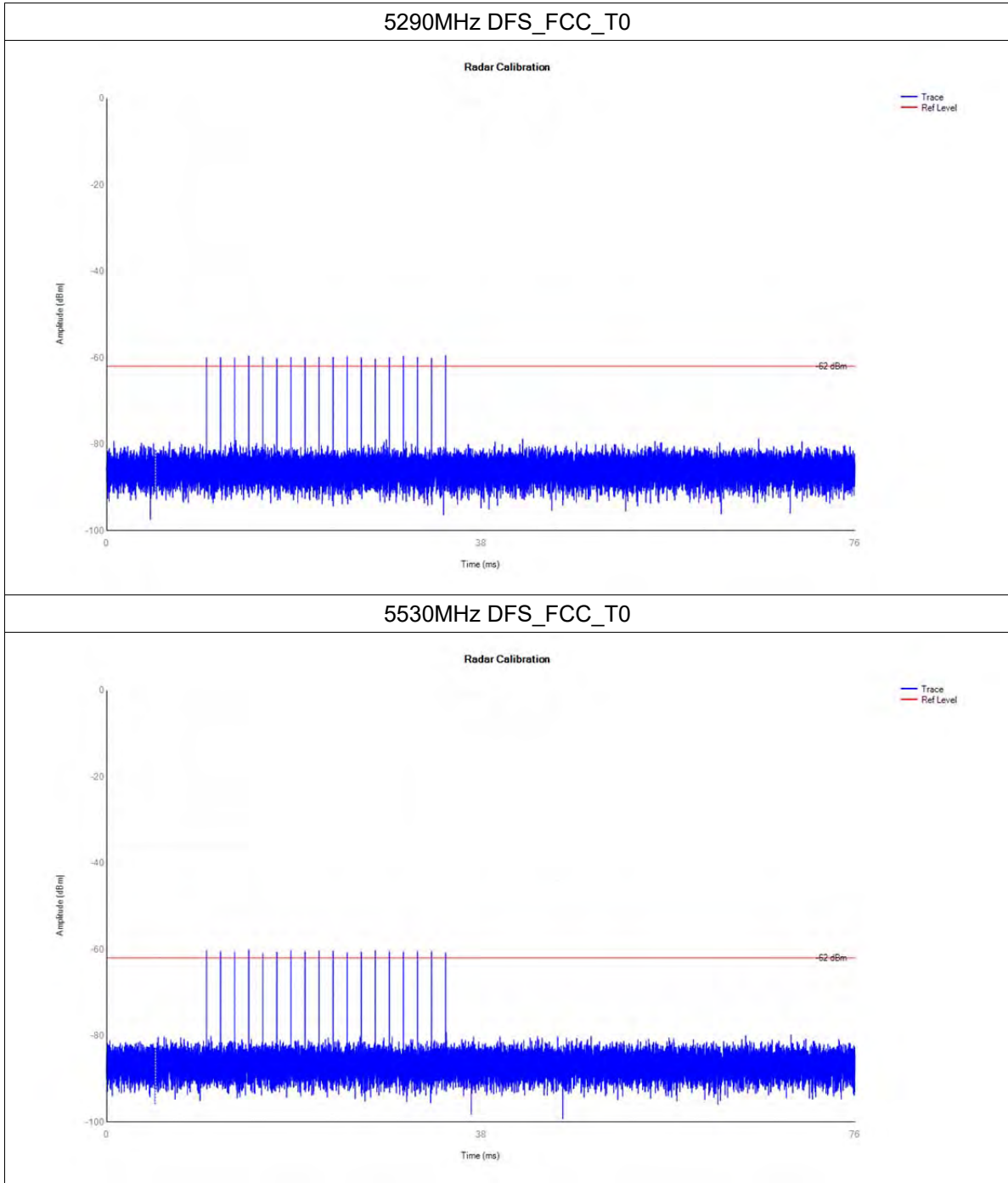




Calibration

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





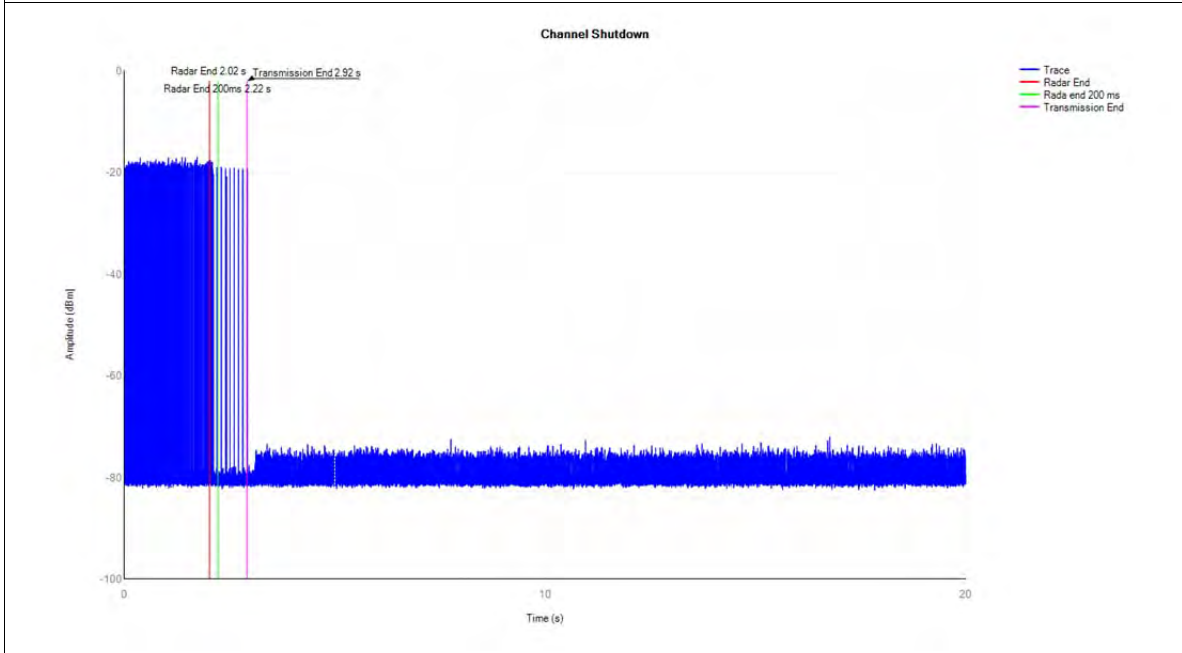


Channel Move Time and Channel Closing Transmission Time

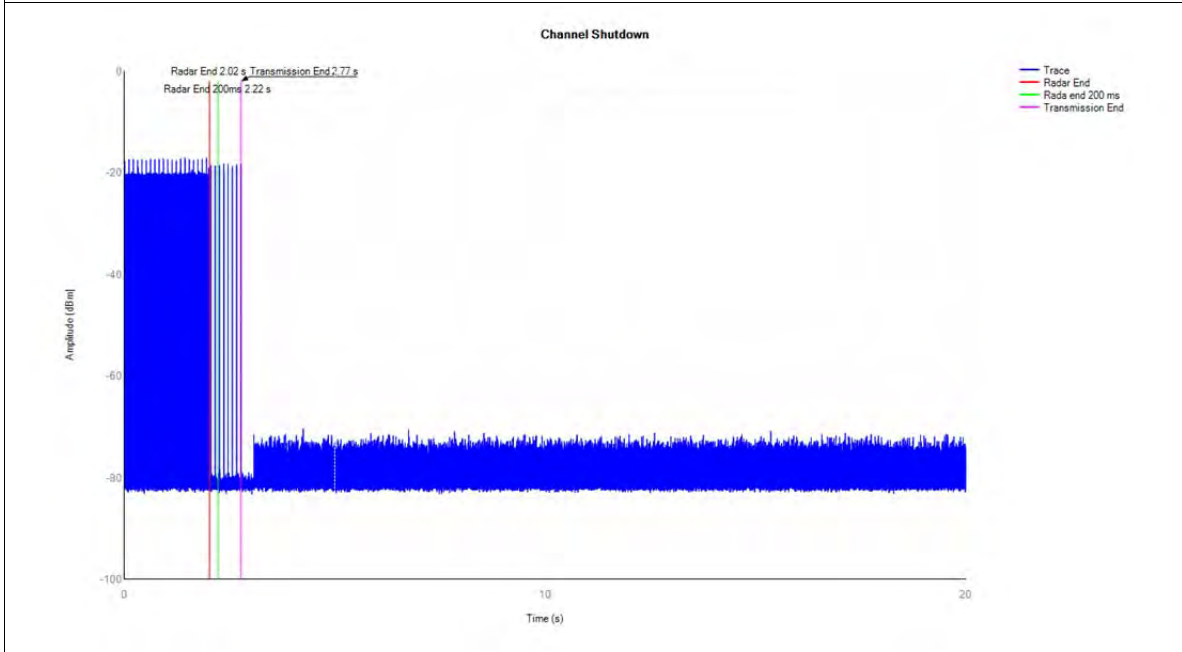
Mode	Frequency (MHz)	Channel Move Time (s)	Limit Channel Move Time (s)	Close Transmission Time (s)	Limit Close Transmission Time (s)	Close Transmission Time after 200ms(s)	Limit Close Transmission Time after 200ms (s)	Verdict
a	5320	0.896	10	0.026	0.26	0.009	0.06	Pass
a	5500	0.75	10	0.013	0.26	0.007	0.06	Pass
ac80	5290	0.88	10	0.05	0.26	0.013	0.06	Pass
ac80	5530	0.964	10	0.049	0.26	0.017	0.06	Pass

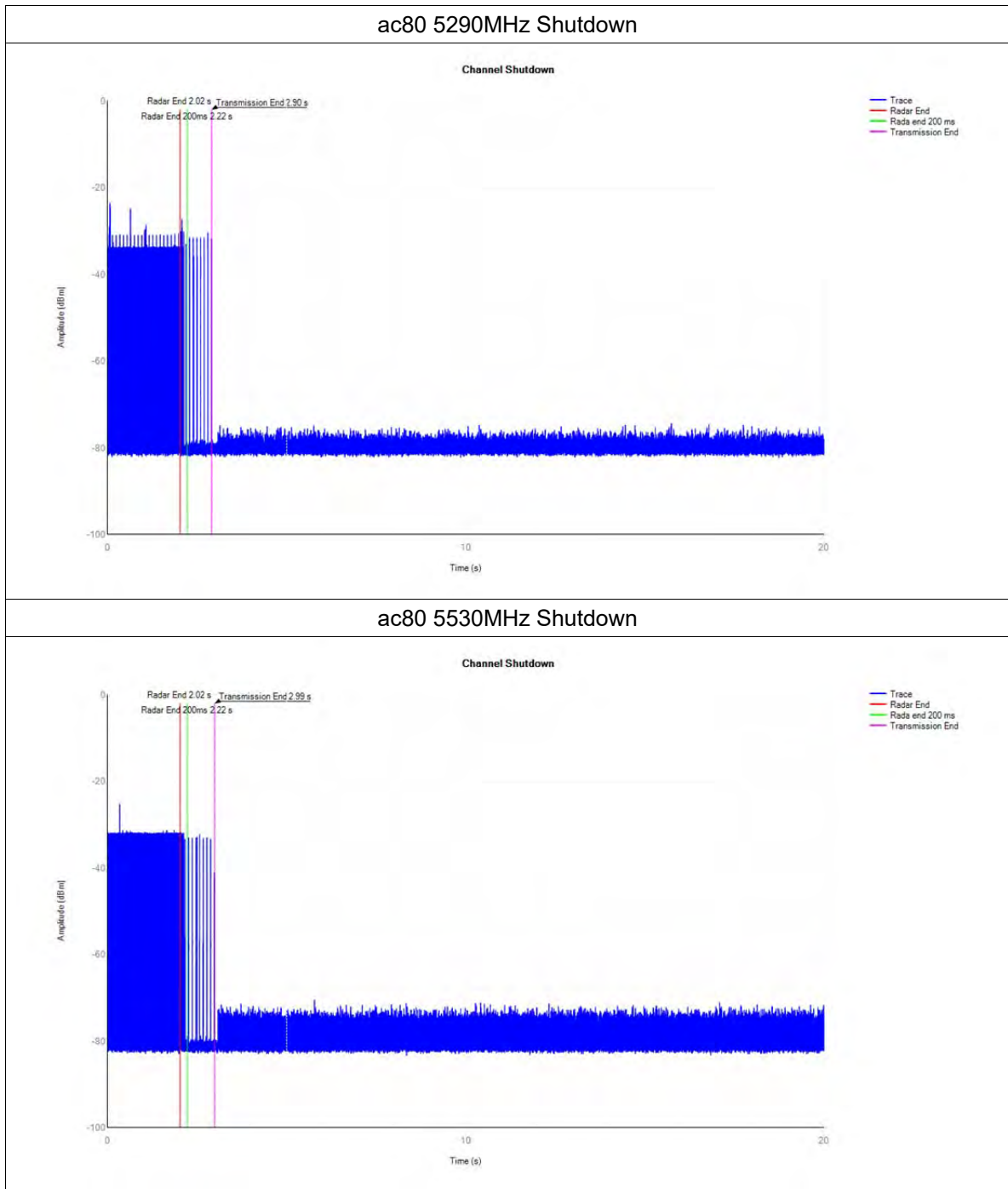
Test Graphs

a 5320MHz Shutdown



a 5500MHz Shutdown



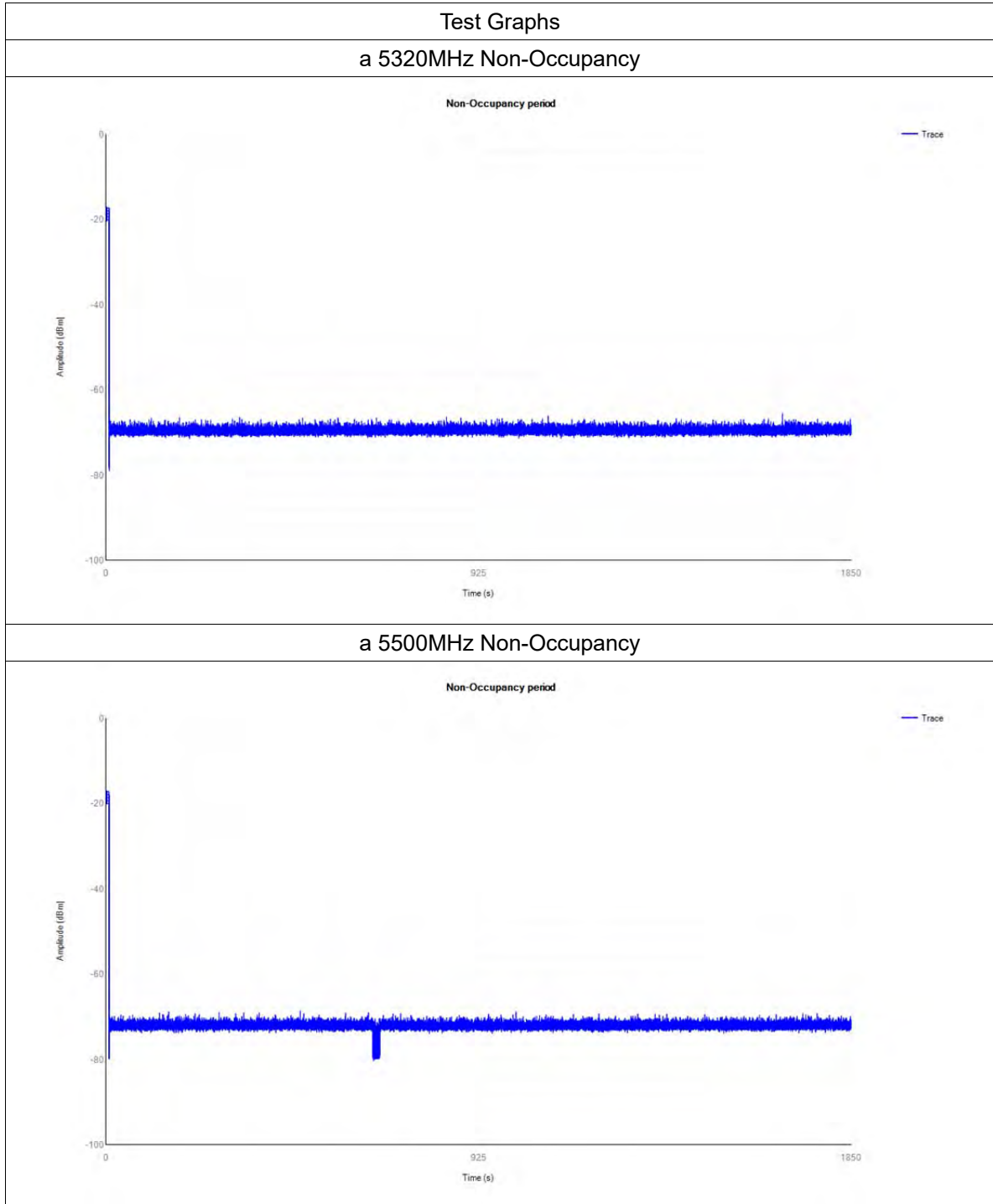


Note: The signal above the noise floor after the radar signal ends is the signal which leaked from other channels that have been moved following the Master device.



Non-Occupancy Period

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





A.7. Conducted Emission

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

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

A. Test Setup:

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

Test voltage: AC 120V/60Hz

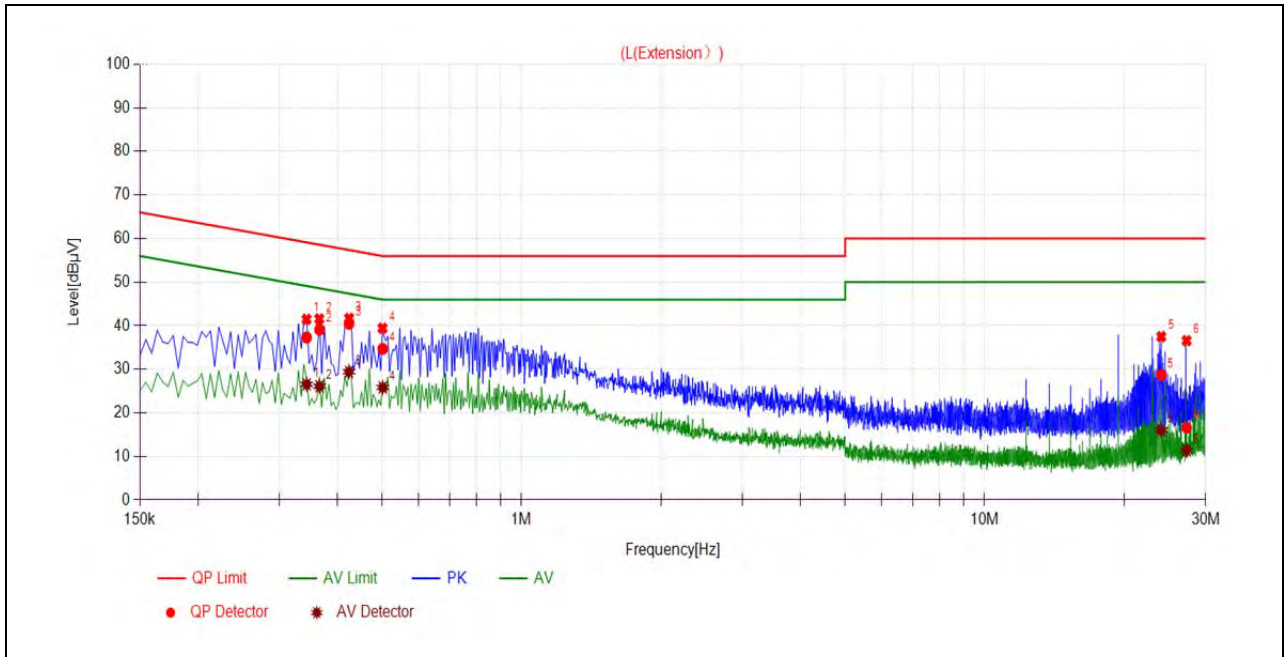
The measurement results are obtained as below:

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

U_R : Receiver Reading

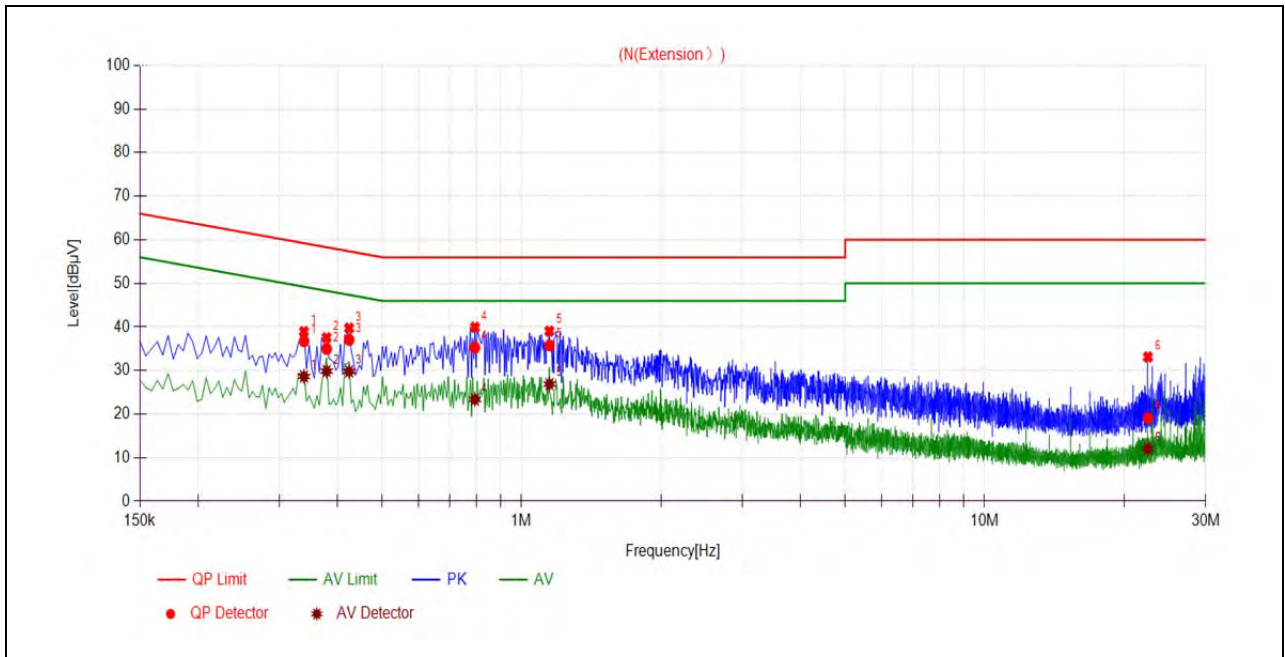
A_{Factor} : Voltage division factor of LISN

B. Test Plot:



(L Phase)

No.	Fre. (MHz)	Emission Level (dBµV)		Limit (dBµV)		Power-line	Verdict
		Quai-peak	Average	Quai-peak	Average		
1	0.3436	37.30	26.55	59.12	49.12	Line	PASS
2	0.3663	39.11	26.10	58.58	48.58		PASS
3	0.4242	40.47	29.42	57.36	47.36		PASS
4	0.5015	34.68	25.82	56.00	46.00		PASS
5	24.0533	28.67	16.02	60.00	50.00		PASS
6	27.2990	16.60	11.40	60.00	50.00		PASS



(N Phase)

No.	Fre. (MHz)	Emission Level (dBµV)		Limit (dBµV)		Power-line	Verdict
		Quai-peak	Average	Quai-peak	Average		
1	0.3391	36.72	28.63	59.23	49.23	Neutral	PASS
2	0.3795	34.96	29.86	58.29	48.29		PASS
3	0.4245	37.05	29.80	57.36	47.36		PASS
4	0.7931	35.30	23.34	56.00	46.00		PASS
5	1.1495	35.77	26.88	56.00	46.00		PASS
6	22.5217	19.10	12.05	60.00	50.00		PASS



A.8. Restricted Frequency Bands

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

The measurement results are obtained as below:

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

A_T : Total correction Factor except Antenna

U_R : Receiver Reading

G_{preamp} : Preamplifier Gain

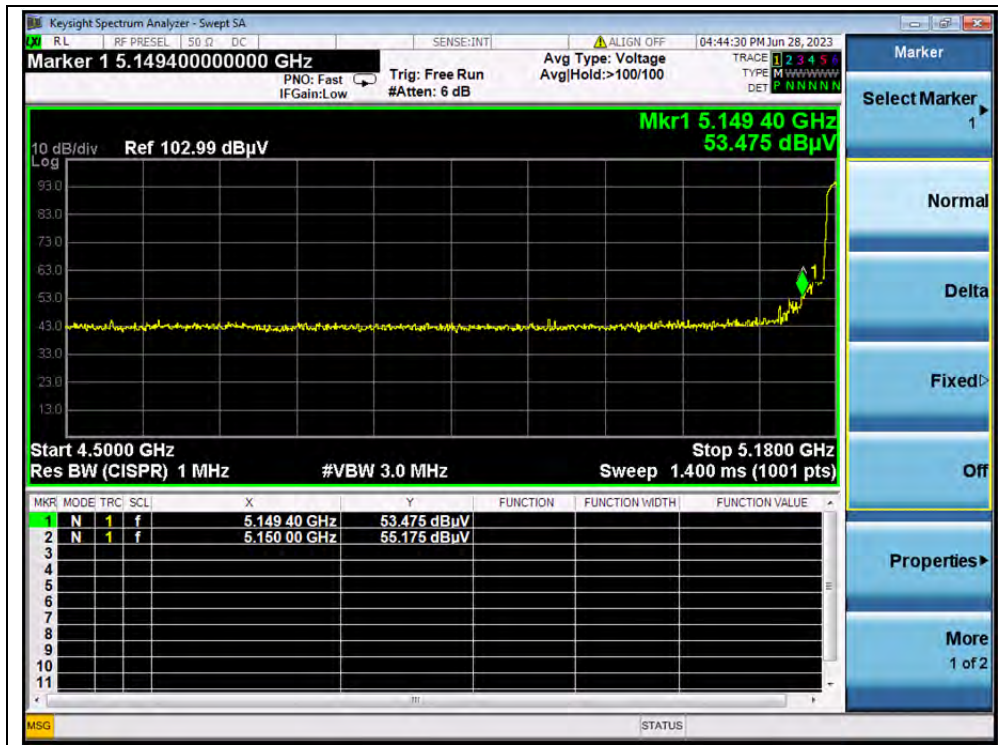
A_{Factor} : Antenna Factor at 3m

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

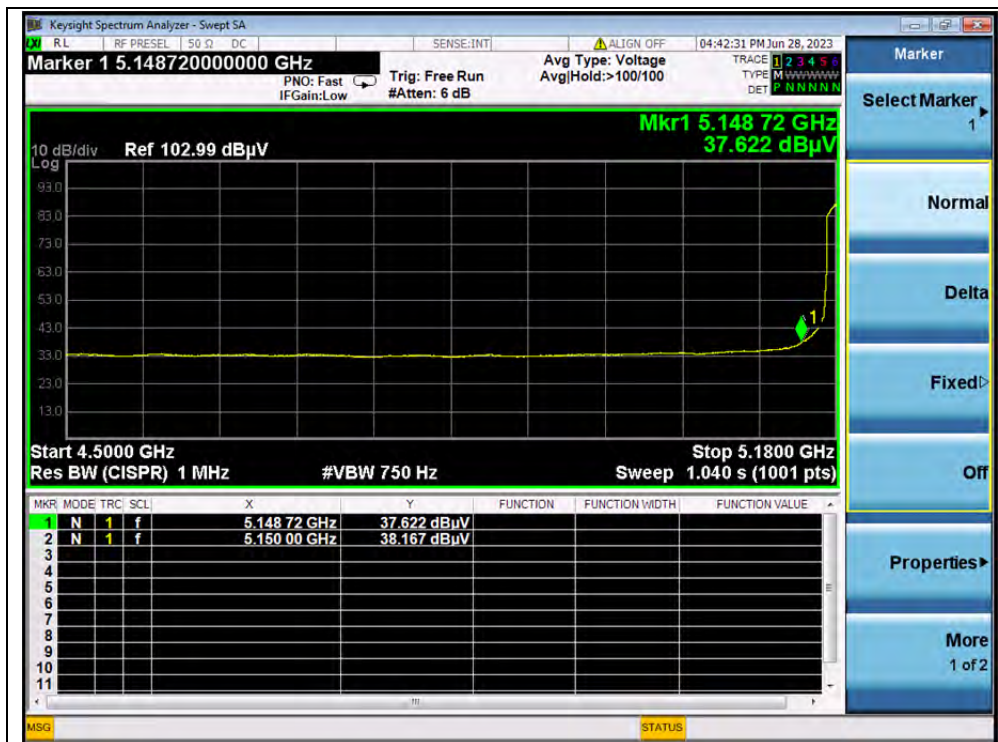
Note 2: All test modes and bandwidth were considered and evaluated respectively by performing full test, only the worst data were recorded for each bandwidth.

802.11a Mode

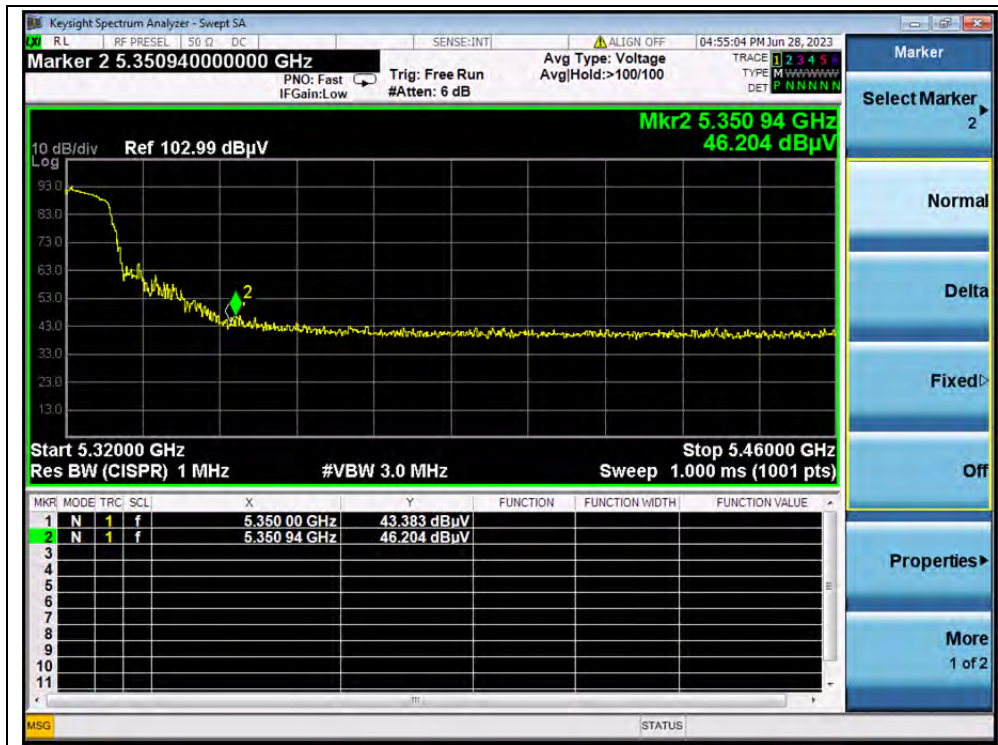
Channel	Frequency (MHz)	Detector	Receiver Reading	A_T (dB)	A_{Factor} (dB@3m)	Max. Emission E (dB μ V/m)	Limit (dB μ V/m)	Verdict
		PK/ AV	U_R (dB μ V)					
36	5150.00	PK	55.18	-19.54	32.20	67.84	74	PASS
36	5150.00	AV	38.17	-19.54	32.20	50.83	54	PASS
64	5350.94	PK	46.20	-18.80	32.20	59.60	74	PASS
64	5350.38	AV	35.97	-18.80	32.20	49.37	54	PASS
100	5470.00	PK	49.60	-19.20	32.20	62.60	68.23	PASS
100	5460.00	AV	34.29	-19.20	32.20	47.29	54	PASS
144	5725.00	PK	46.86	-19.20	32.20	59.86	68.23	PASS
149	5725.00	PK	49.24	-19.01	32.20	62.43	122.23	PASS
165	5850.00	PK	42.28	-19.01	32.20	55.47	122.23	PASS



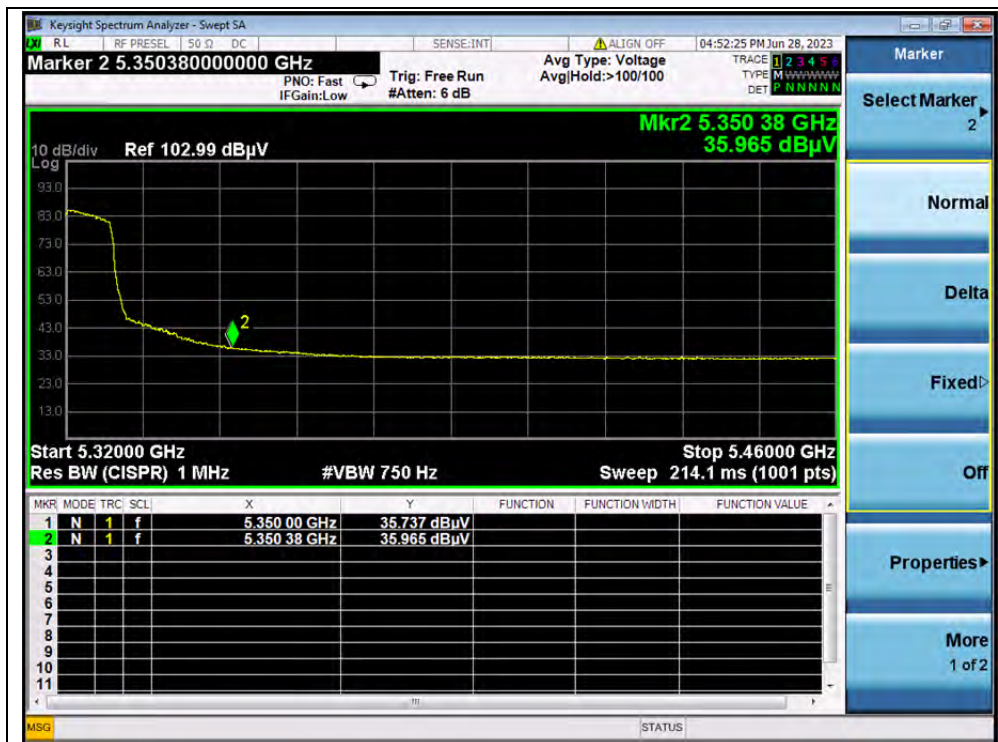
(PEAK, Channel 36, 802.11a)



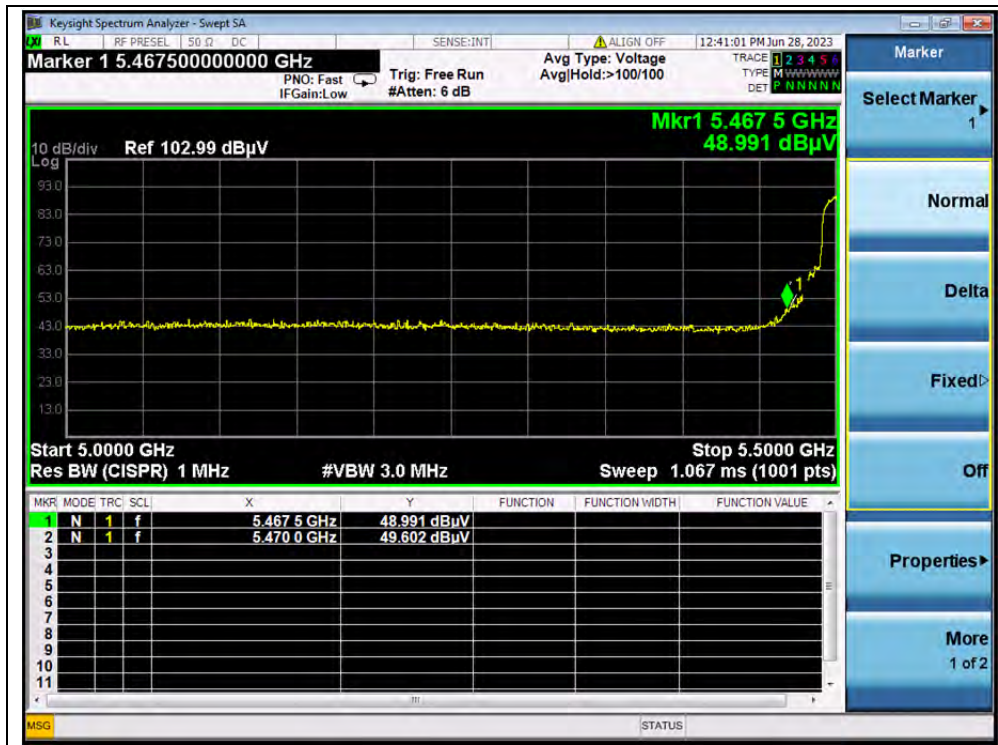
(AVERAGE, Channel 36, 802.11a)



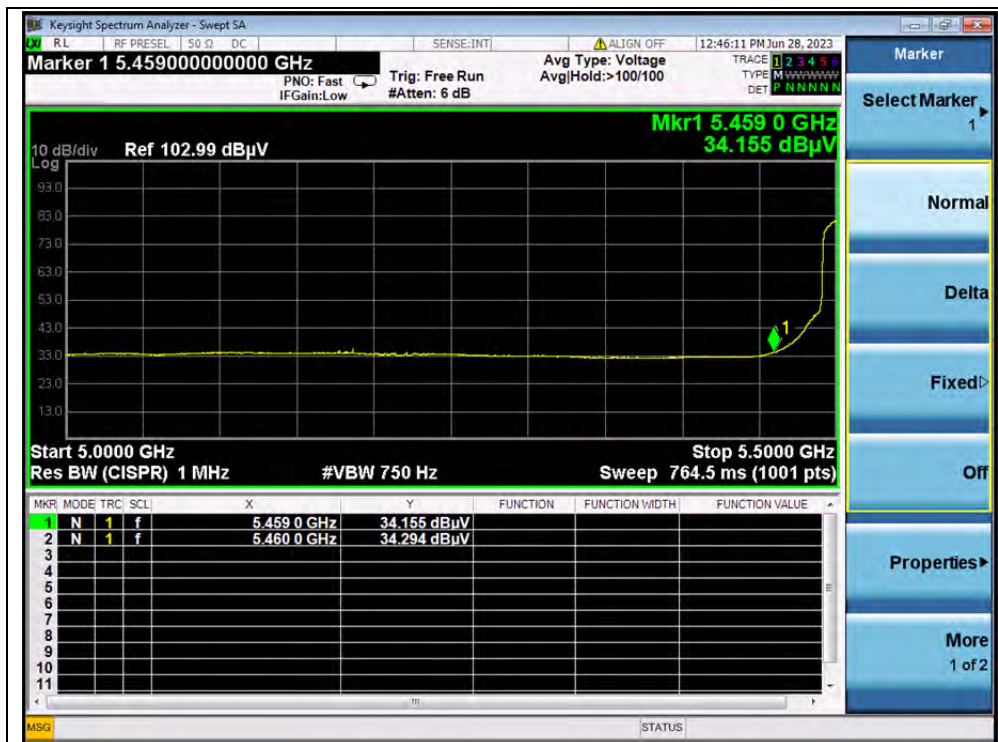
(PEAK, Channel 64, 802.11a)



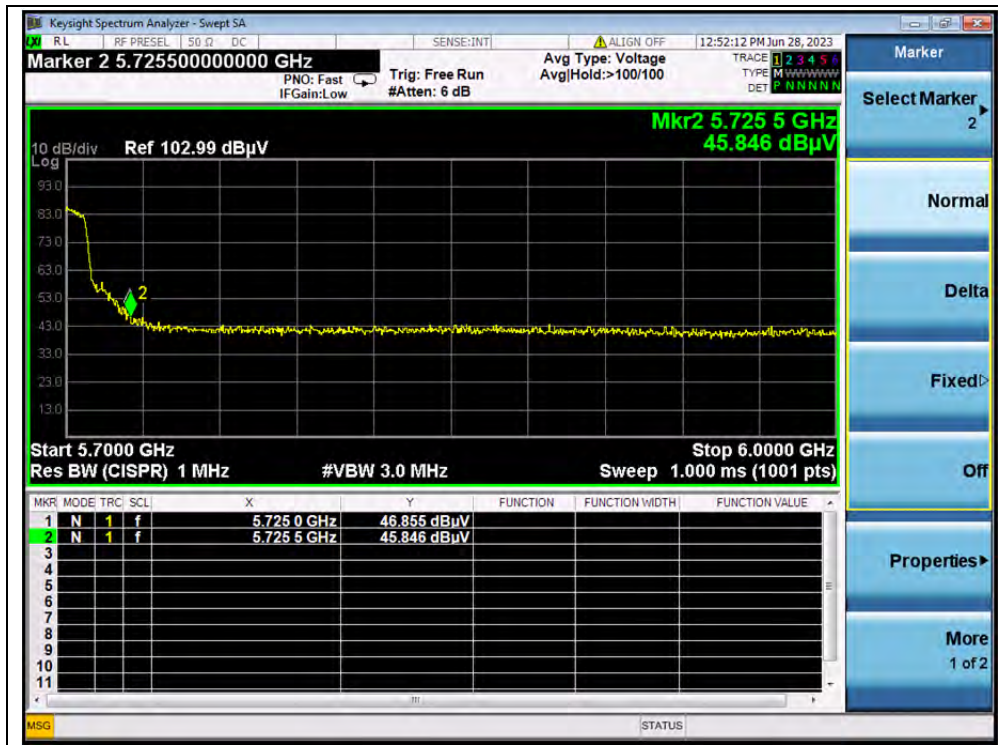
(AVERAGE, Channel 64, 802.11a)



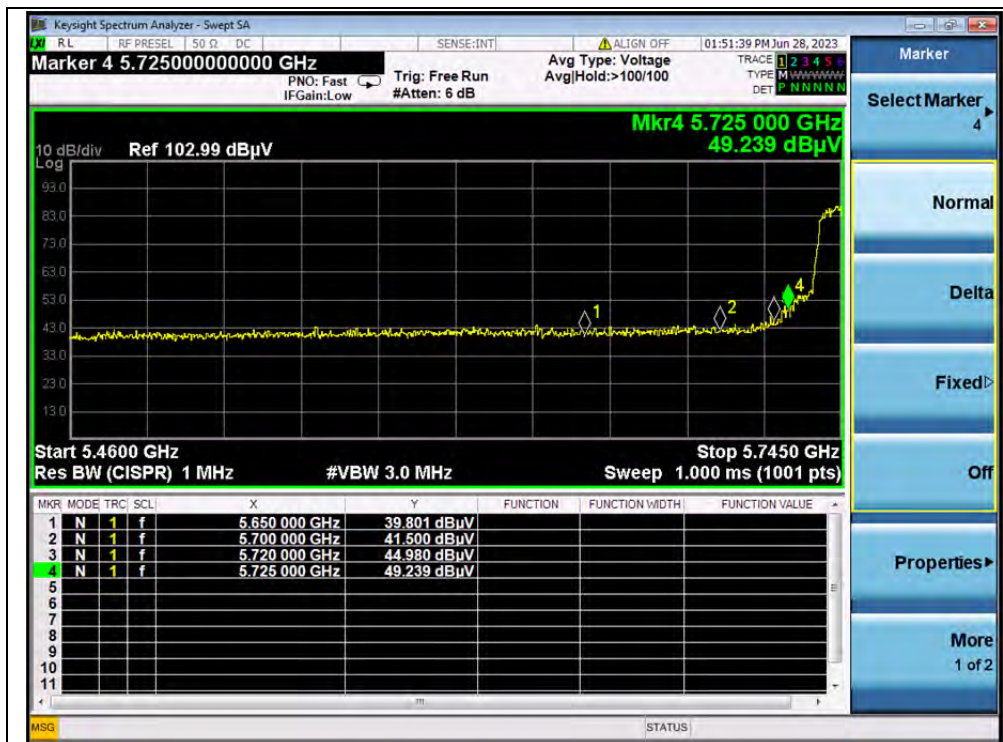
(PEAK, Channel 100, 802.11a)



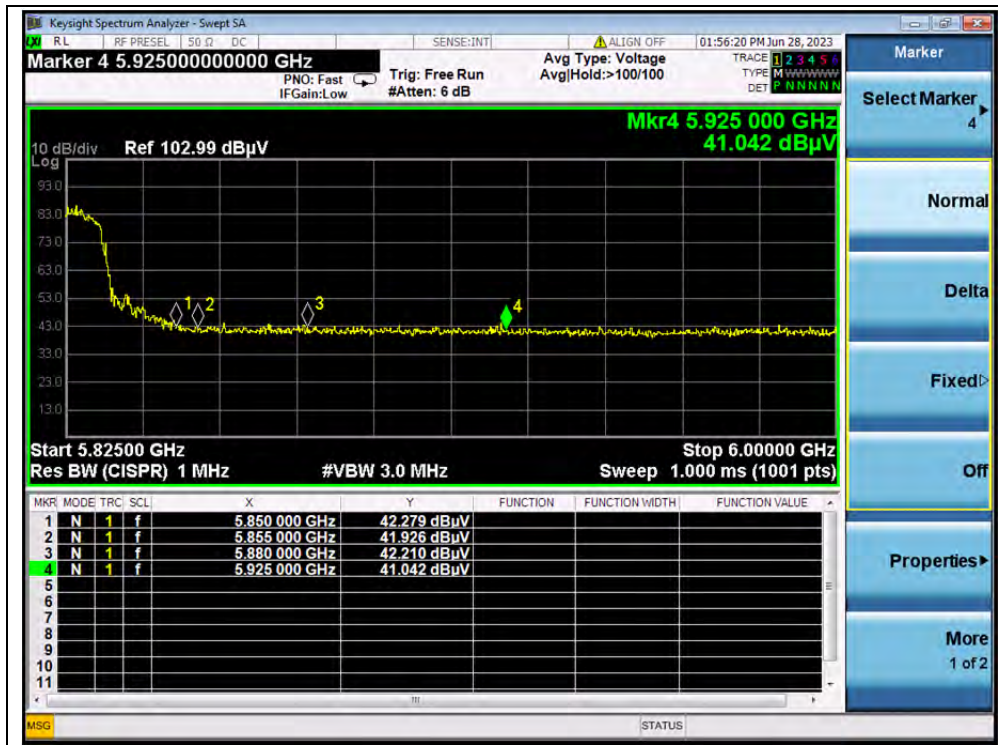
(AVERAGE, Channel 100, 802.11a)



(PEAK, Channel 144, 802.11a)



(PEAK, Channel 149, 802.11a)

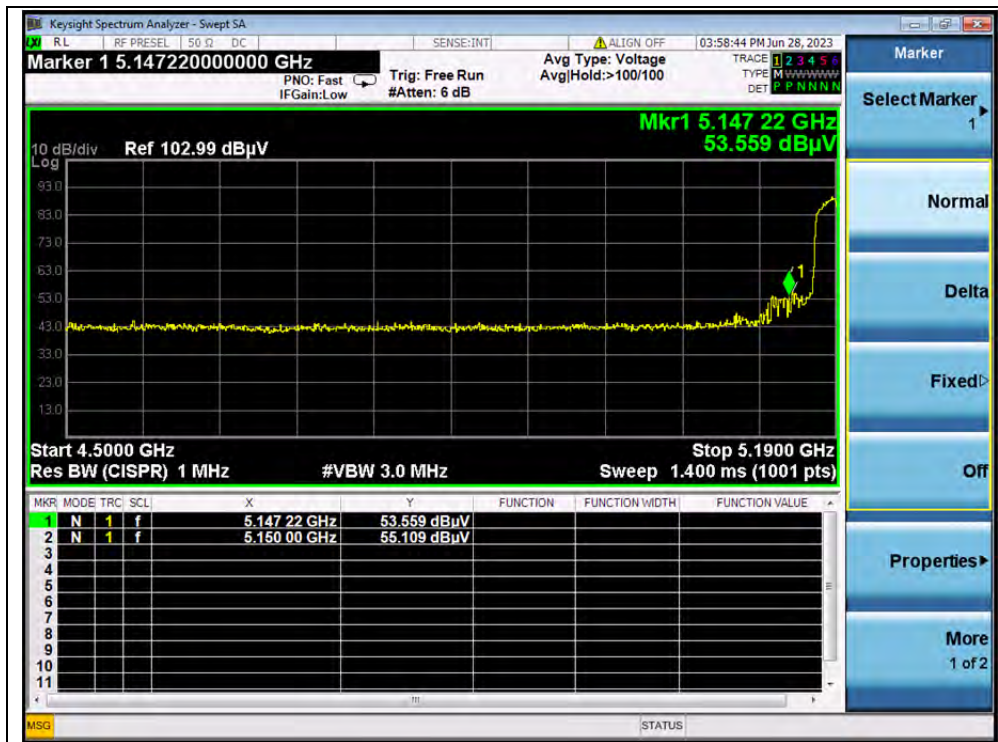


(PEAK, Channel 165, 802.11a)

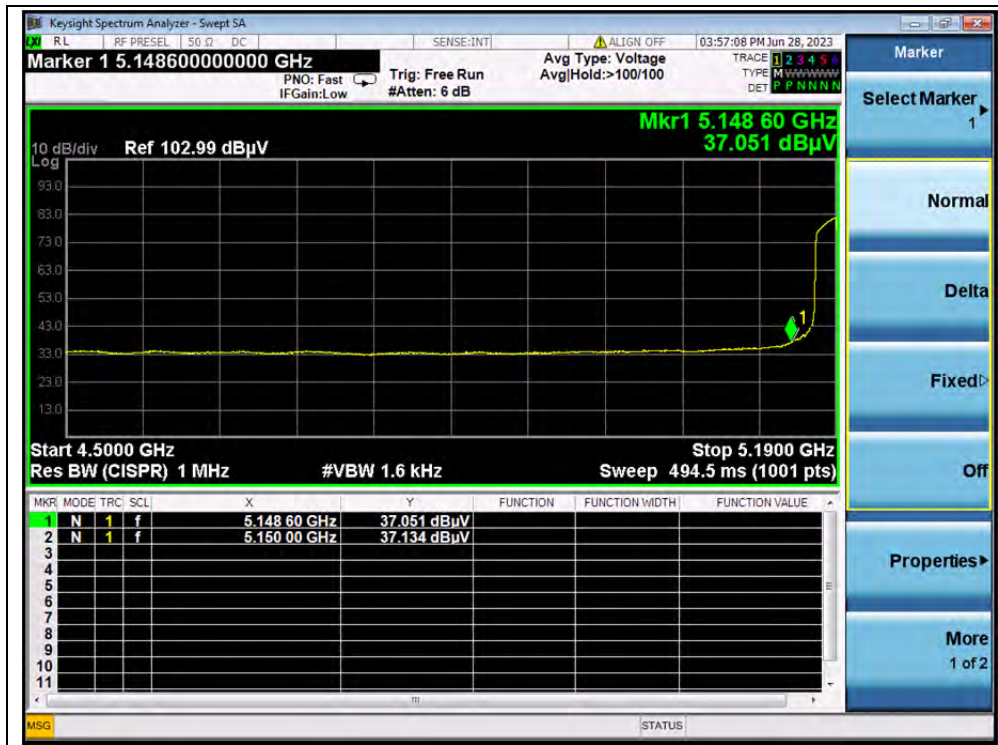


802.11n (HT40) Mode

Channel	Frequency (MHz)	Detector	Receiver Reading U_R (dB μ V)	A_T (dB)	A_{Factor} (dB@3m)	Max. Emission E (dB μ V/m)	Limit (dB μ V/m)	Verdict
		PK/ AV						
38	5150.00	PK	55.11	-19.54	32.20	67.77	74	PASS
38	5150.00	AV	37.13	-19.54	32.20	49.79	54	PASS
62	5351.22	PK	53.60	-18.80	32.20	67.00	74	PASS
62	5350.00	AV	37.40	-18.80	32.20	50.80	54	PASS
102	5466.96	PK	51.76	-19.20	32.20	64.76	68.23	PASS
102	5460.00	AV	37.27	-19.20	32.20	50.27	54	PASS
142	5728.40	PK	44.87	-19.20	32.20	57.87	68.23	PASS
151	5725.00	PK	52.37	-19.01	32.20	65.56	122.23	PASS
159	5880.00	PK	42.33	-19.01	32.20	55.52	101.53	PASS



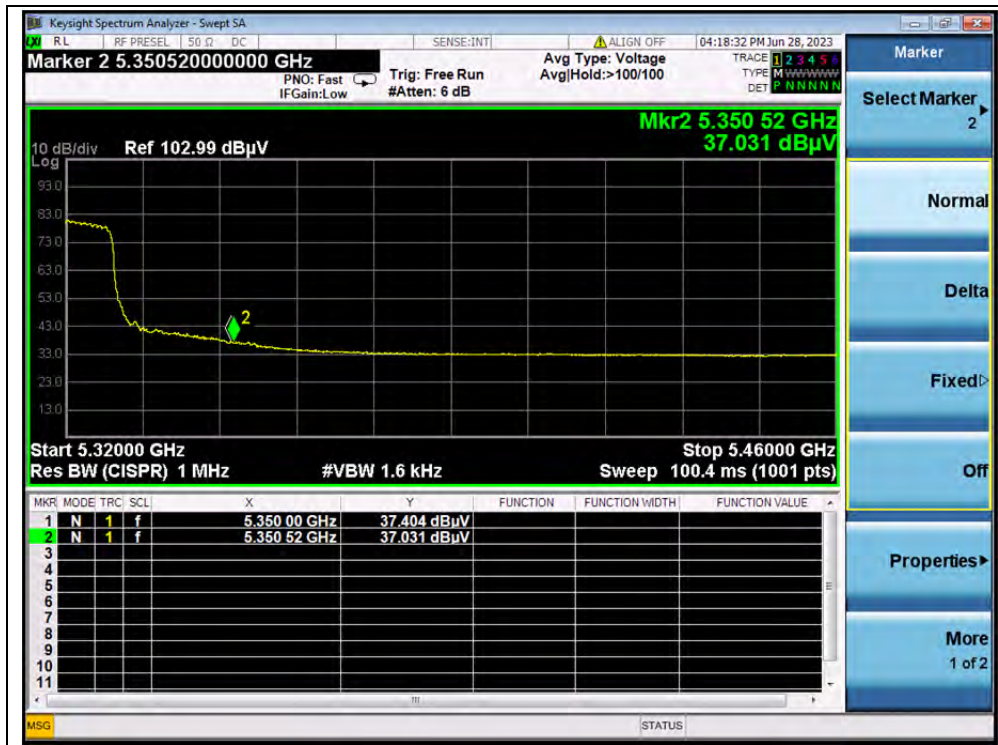
(PEAK, Channel 38, 802.11n (HT40))



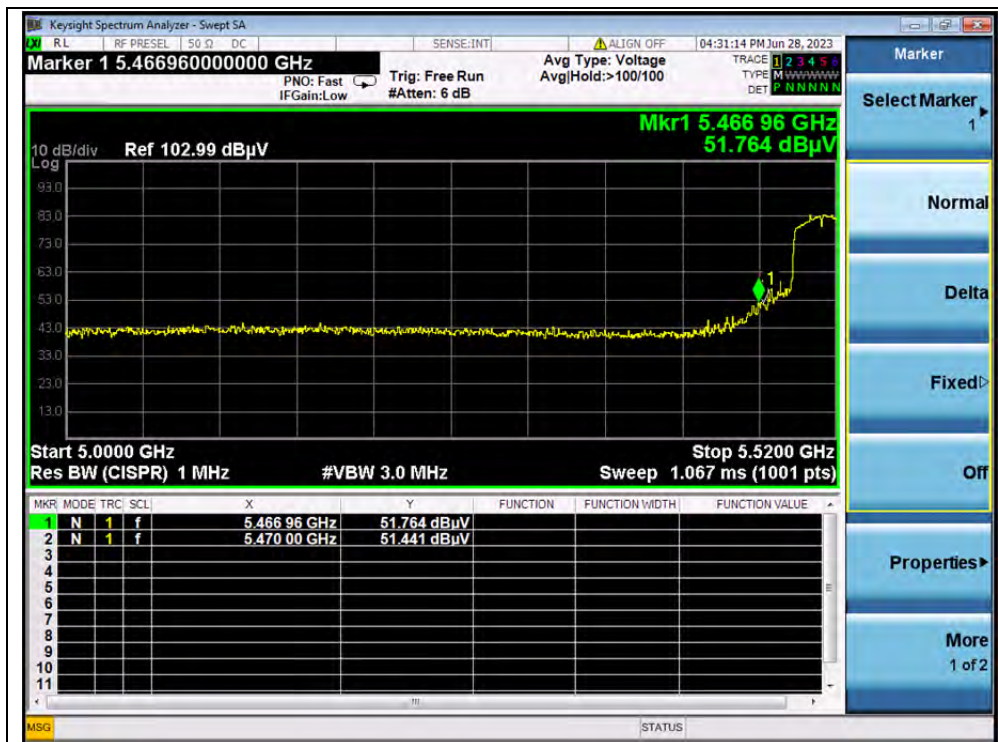
(AVERAGE, Channel 38, 802.11n (HT40))



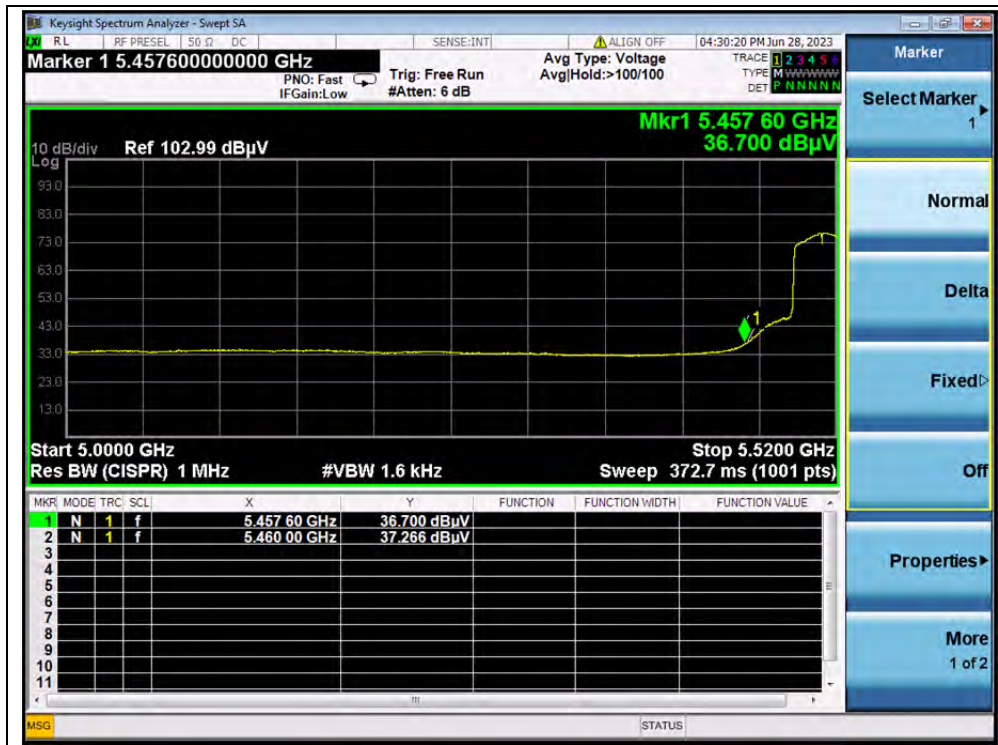
(PEAK, Channel 62, 802.11n (HT40))



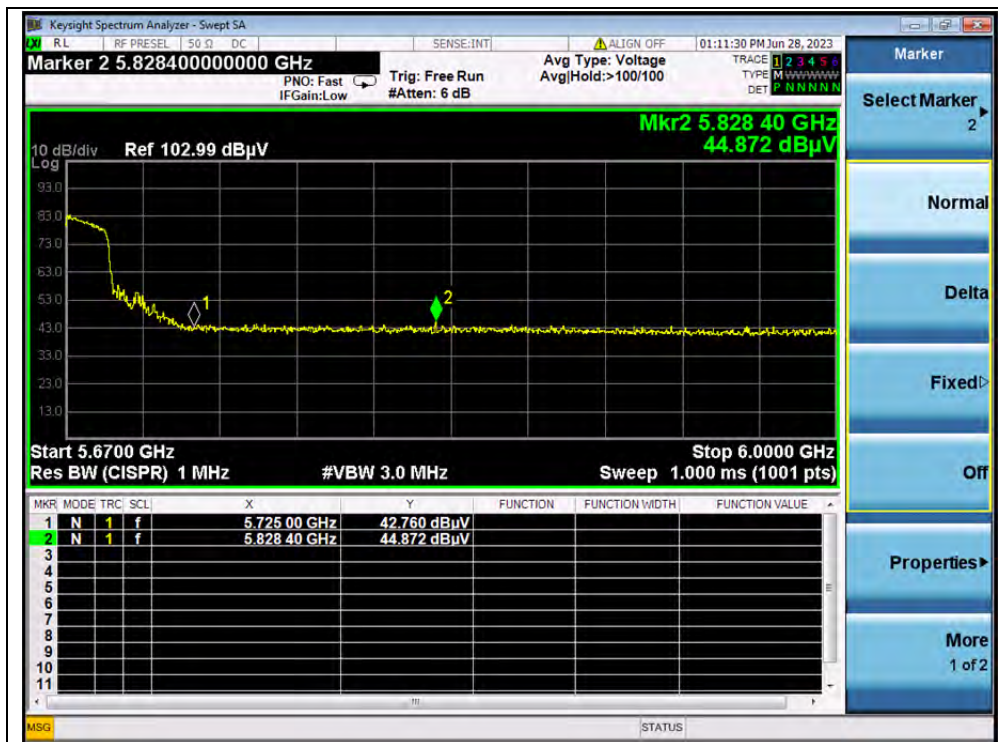
(AVERAGE, Channel 62, 802.11n (HT40))



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



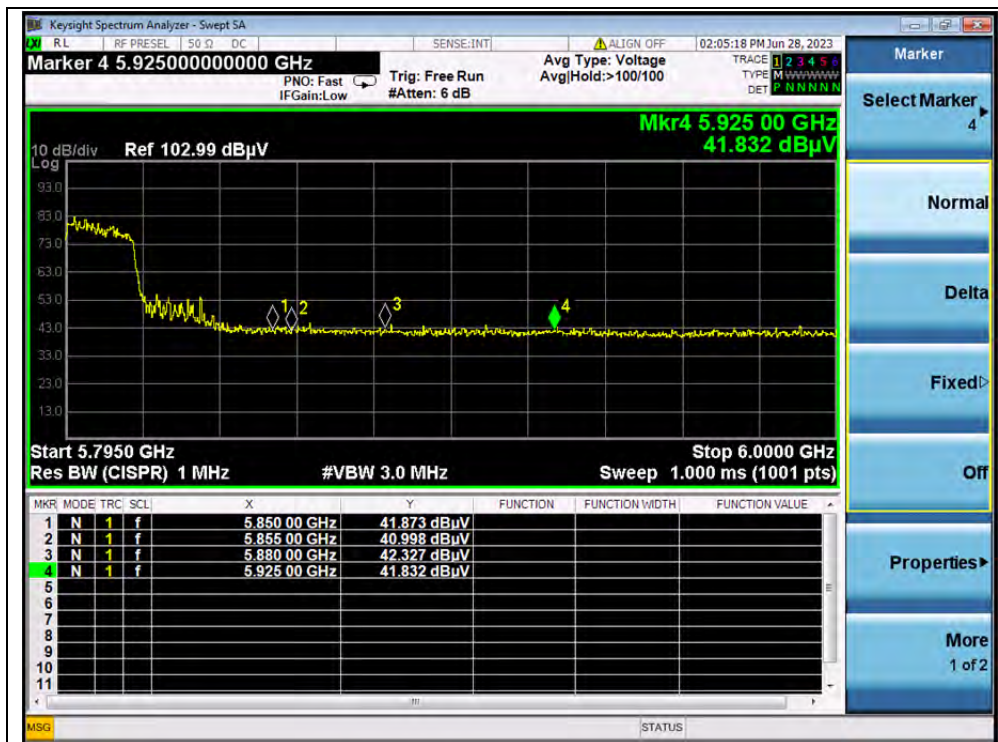
(AVERAGE, Channel 102, 802.11n (HT40))



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



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

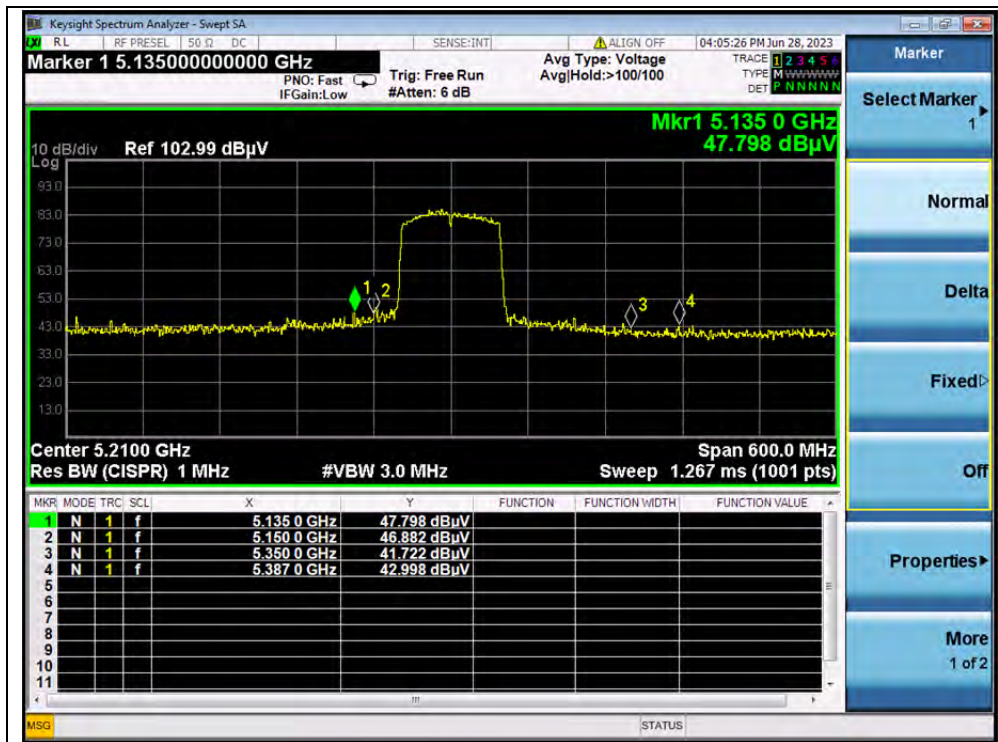


(PEAK, Channel 159, 802.11n (HT40))

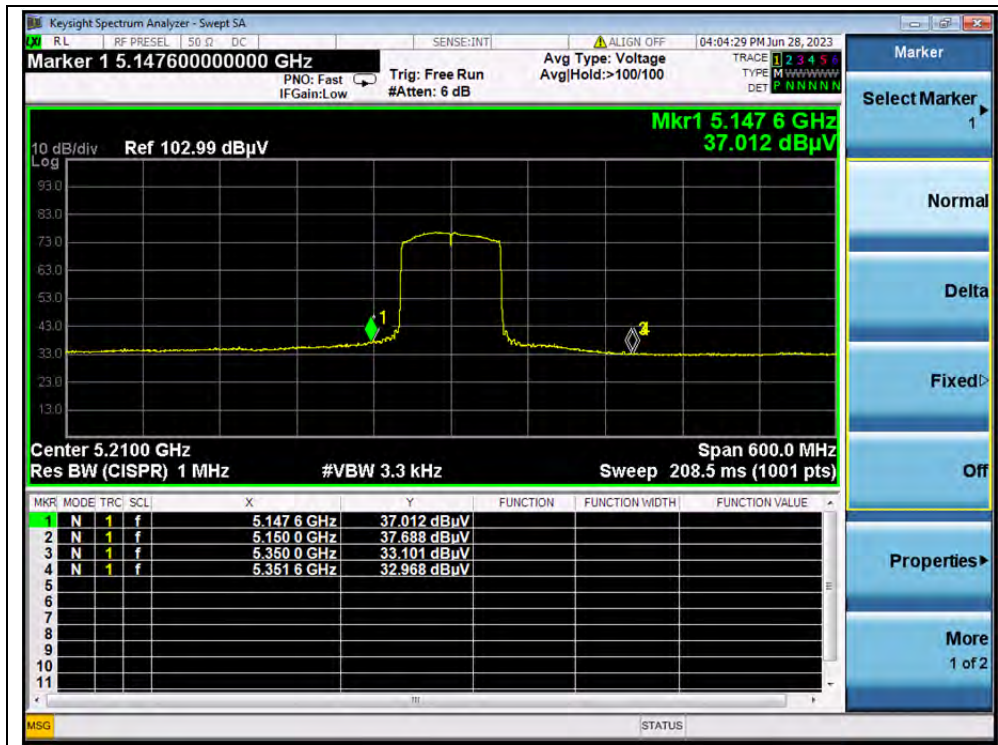


802.11ac (VHT80) Mode

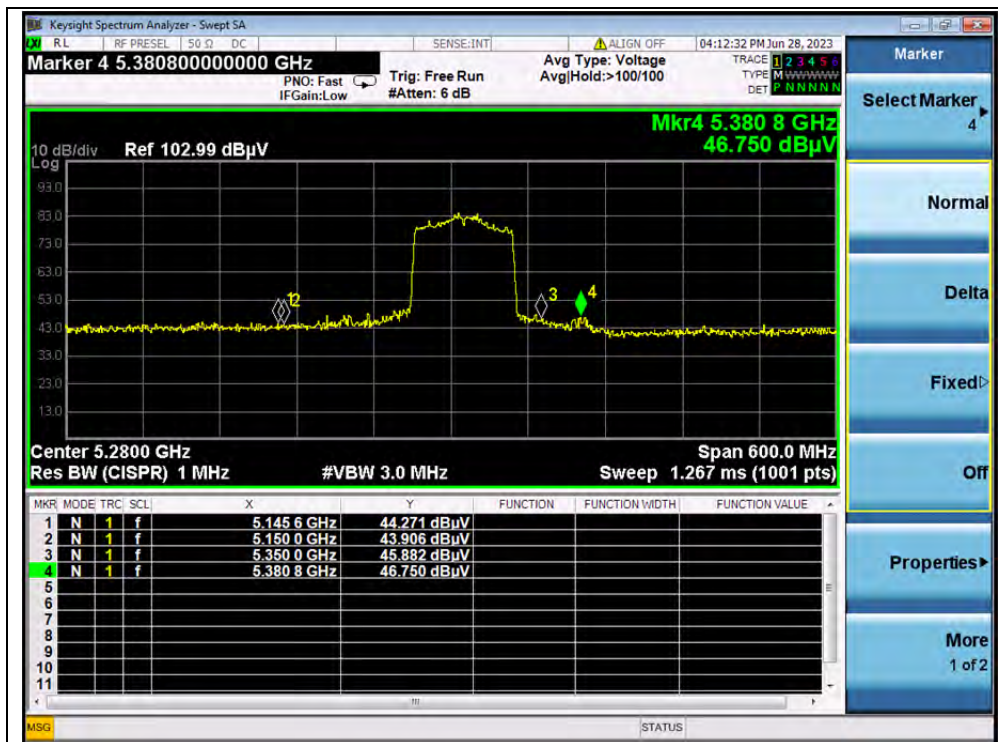
Channel	Frequency (MHz)	Detector	Receiver Reading	A _T (dB)	A _{Factor} (dB@3m)	Max. Emission E (dBμV/m)	Limit (dBμV/m)	Verdict
		PK/ AV	U _R (dBμV)					
42	5135.00	PK	47.80	-19.54	32.20	60.46	74	PASS
42	5150.00	AV	37.69	-19.54	32.20	50.35	54	PASS
58	5380.80	PK	46.75	-18.80	32.20	60.15	74	PASS
58	5350.00	AV	37.01	-18.80	32.20	50.41	54	PASS
106	5470.00	PK	49.91	-19.20	32.20	62.91	68.23	PASS
106	5458.45	AV	37.48	-19.20	32.20	50.48	54	PASS
138	5760.54	PK	45.35	-19.20	32.20	58.35	68.23	PASS
155	5725.00	PK	50.36	-19.01	32.20	63.55	122.23	PASS
155	5855.00	PK	44.39	-19.01	32.20	57.58	110.83	PASS



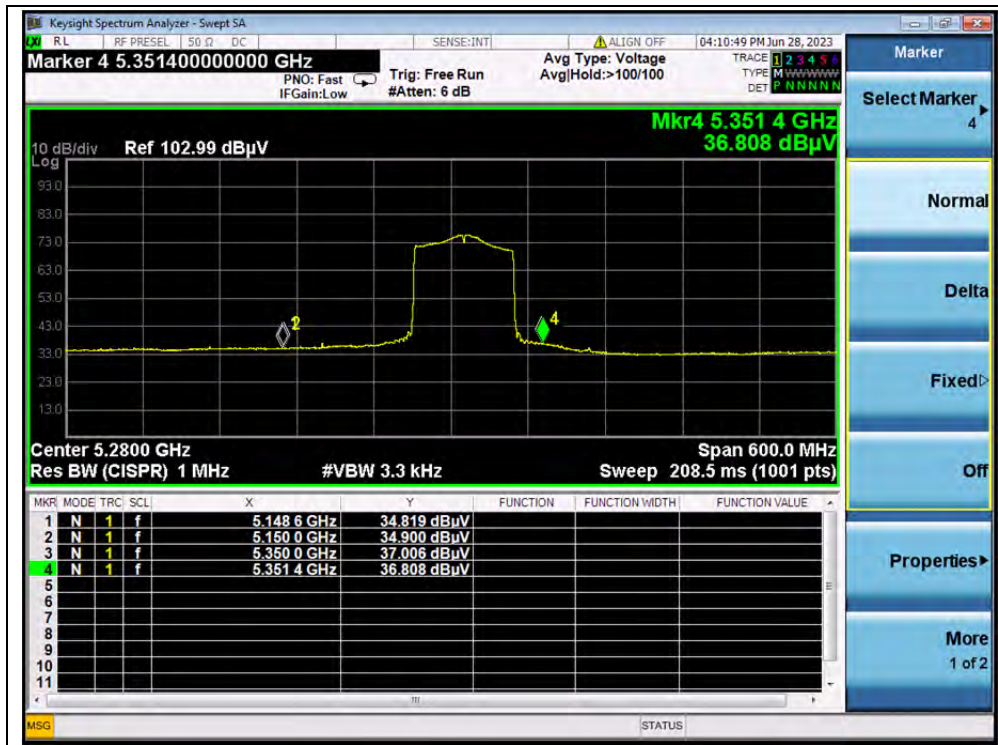
(PEAK, Channel 42, 802.11ac (VHT80))



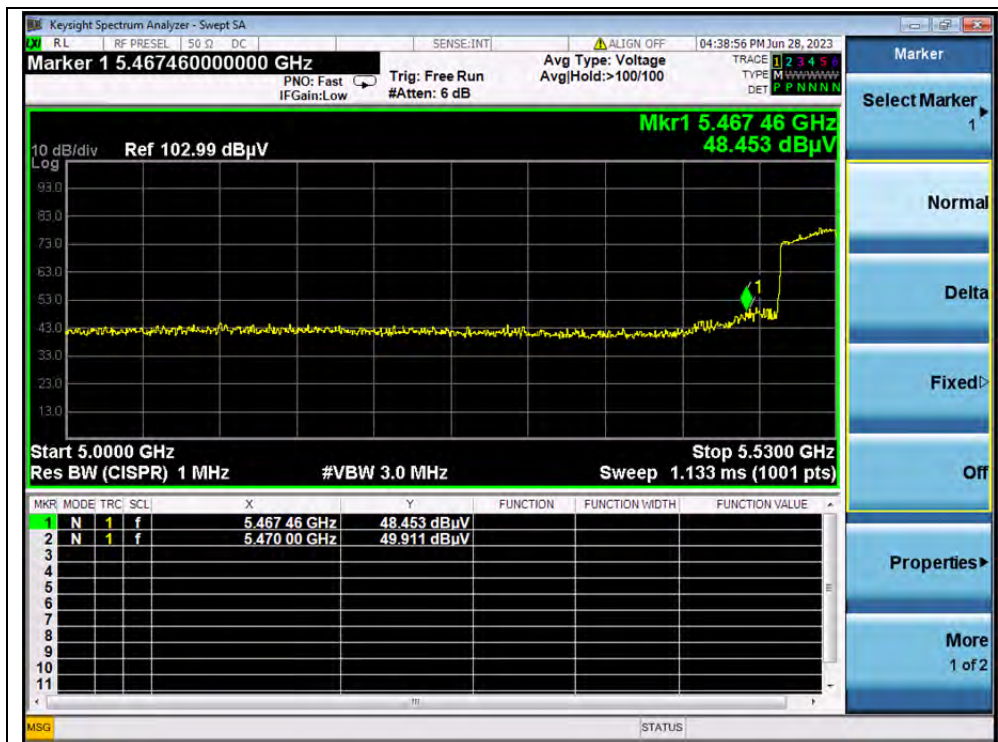
(AVERAGE, Channel 42, 802.11ac (VHT80))



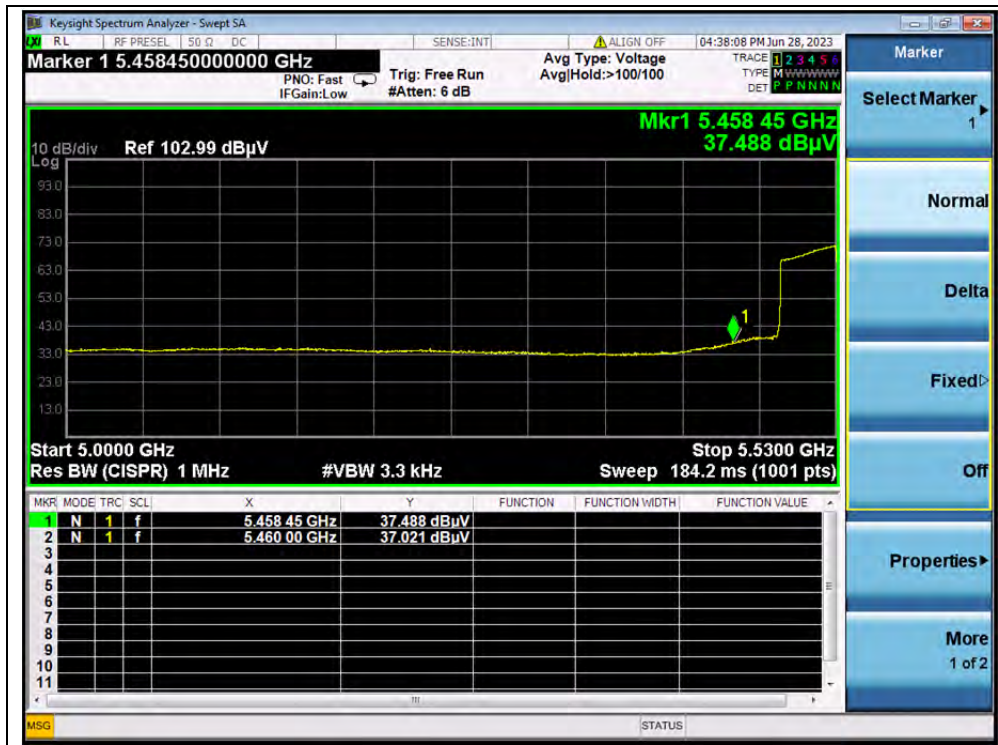
(PEAK, Channel 58, 802.11ac (VHT80))



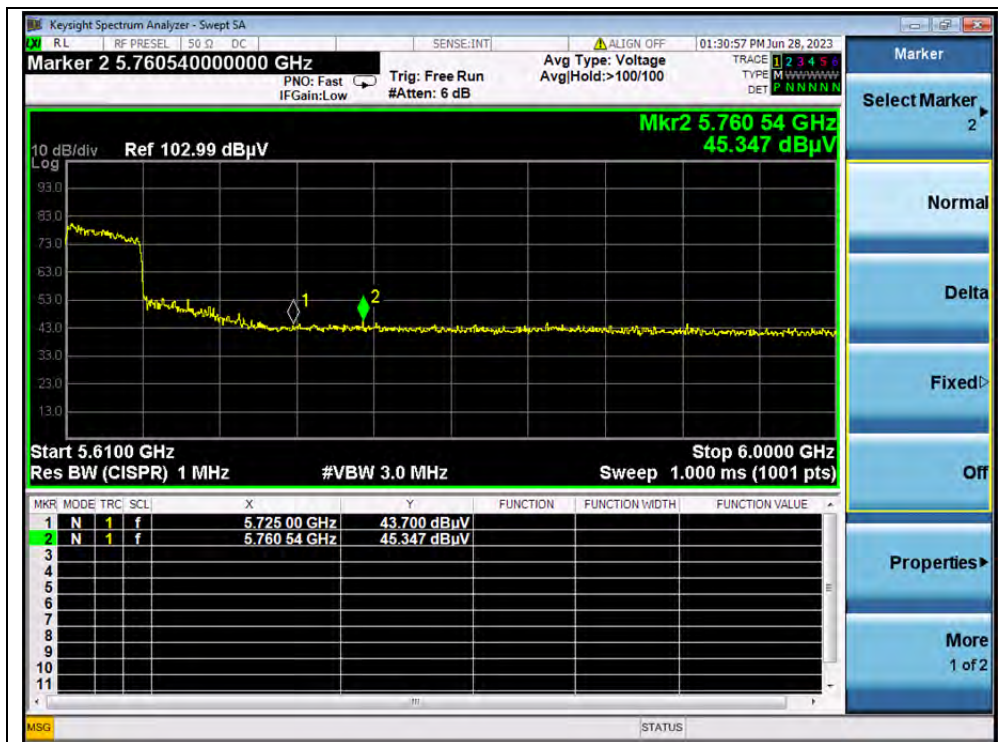
(AVERAGE, Channel 58, 802.11ac (VHT80))



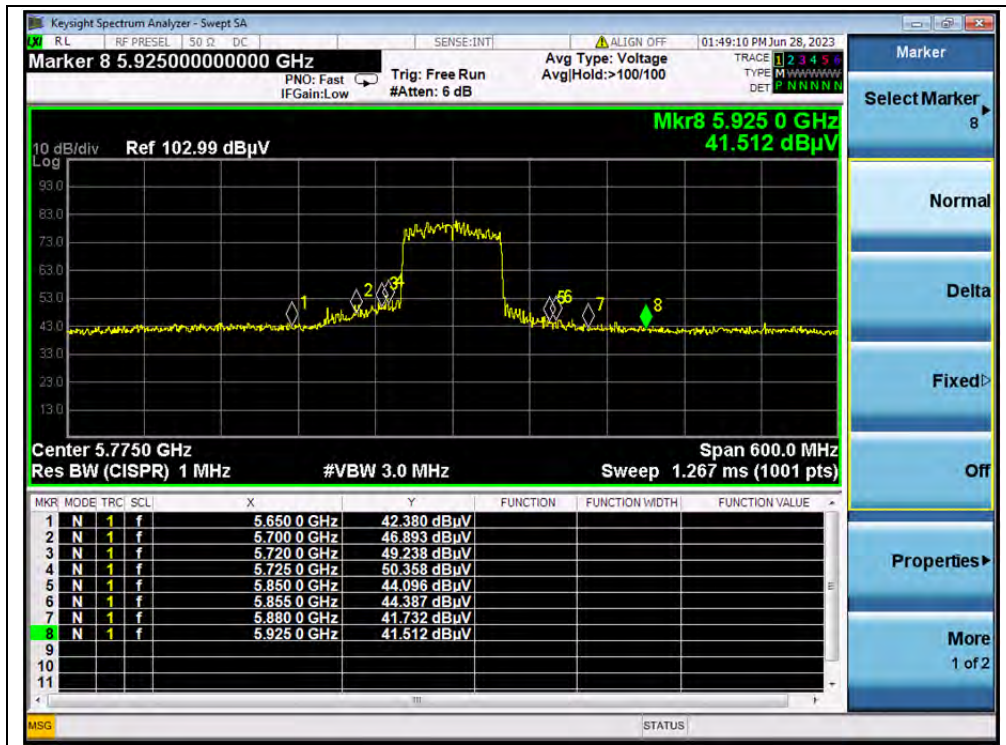
(PEAK, Channel 106, 802.11ac (VHT80))



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



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



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



A.9. Radiated Emission

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

The measurement results are obtained as below:

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

A_T : Total correction Factor except Antenna

U_R : Receiver Reading

G_{preamp} : Preamplifier Gain

A_{Factor} : Antenna Factor at 3m

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

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

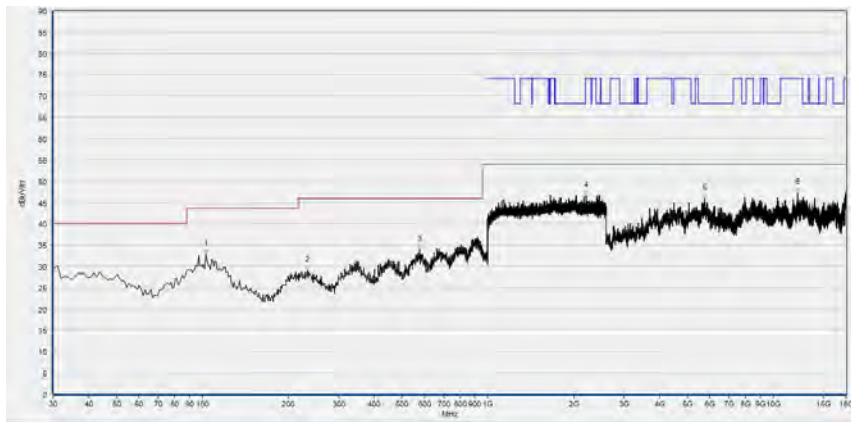
Note2: For the frequency, which started from 9kHz to 30MHz, was pre-scanned and the result which was 20dB lower than the limit was not recorded.

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

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

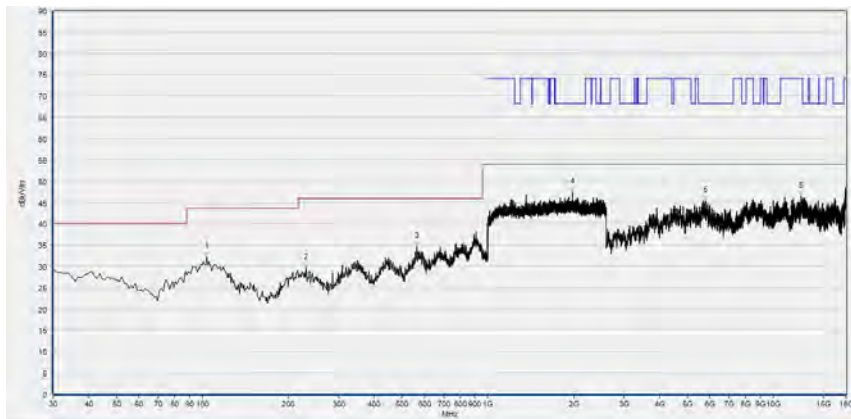
802.11a Mode

Plot for Channel 36



Fre. (MHz)	PK (dBμV/m)	QP (dBμV/m)	AV (dBμV/m)	Limit-PK (dBμV/m)	Limit-QP (dBμV/m)	Limit-AV (dBμV/m)	Antenna	Verdict
102.750	32.93	N/A	N/A	N/A	43.50	N/A	Horizontal	PASS
233.700	28.95	N/A	N/A	N/A	46.00	N/A	Horizontal	PASS
577.080	33.85	N/A	N/A	N/A	46.00	N/A	Horizontal	PASS
2204.800	46.52	N/A	N/A	74.00	N/A	54.00	Horizontal	PASS
5763.160	45.94	N/A	N/A	68.23	N/A	N/A	Horizontal	PASS
12151.080	47.30	N/A	N/A	74.00	N/A	54.00	Horizontal	PASS

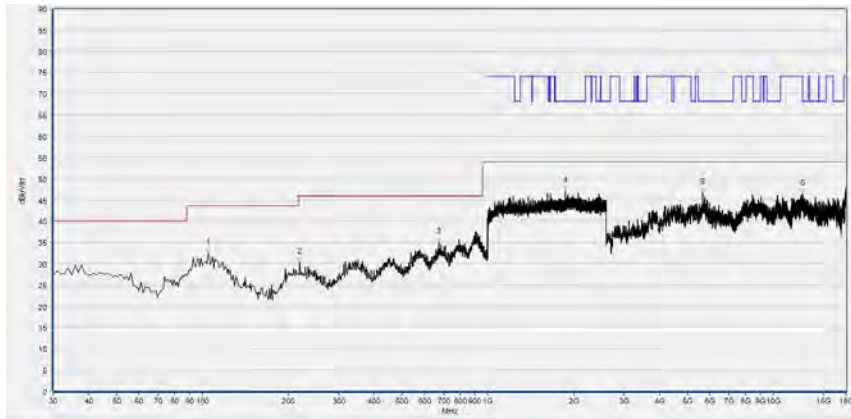
(Antenna Horizontal, 30MHz to 18GHz)



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
103.720	32.16	N/A	N/A	N/A	43.50	N/A	Vertical	PASS
230.790	29.65	N/A	N/A	N/A	46.00	N/A	Vertical	PASS
563.500	34.61	N/A	N/A	N/A	46.00	N/A	Vertical	PASS
1974.400	47.41	N/A	N/A	68.23	N/A	N/A	Vertical	PASS
5775.480	45.43	N/A	N/A	68.23	N/A	N/A	Vertical	PASS
12502.200	46.46	N/A	N/A	74.00	N/A	54.00	Vertical	PASS

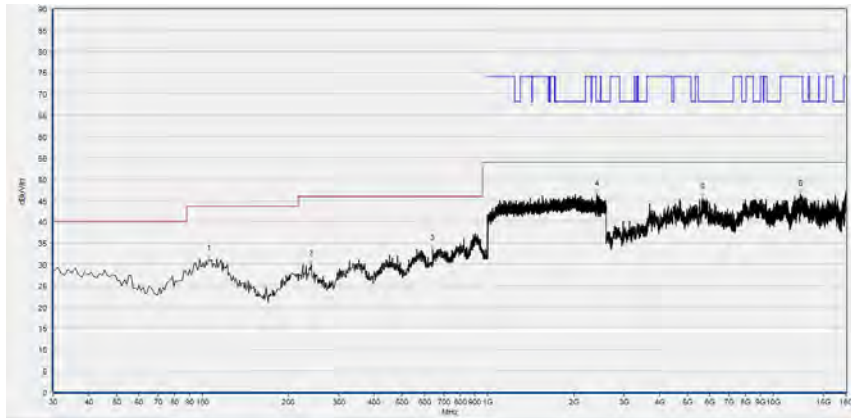
(Antenna Vertical, 30MHz to 18GHz)

Plot for Channel 44



Fre. (MHz)	PK (dBμV/m)	QP (dBμV/m)	AV (dBμV/m)	Limit-PK (dBμV/m)	Limit-QP (dBμV/m)	Limit-AV (dBμV/m)	Antenna	Verdict
104.690	32.28	N/A	N/A	N/A	43.50	N/A	Horizontal	PASS
219.150	30.38	N/A	N/A	N/A	46.00	N/A	Horizontal	PASS
674.080	35.03	N/A	N/A	N/A	46.00	N/A	Horizontal	PASS
1868.267	47.04	N/A	N/A	68.23	N/A	N/A	Horizontal	PASS
5667.680	46.77	N/A	N/A	68.23	N/A	N/A	Horizontal	PASS
12683.920	46.51	N/A	N/A	74.00	N/A	54.00	Horizontal	PASS

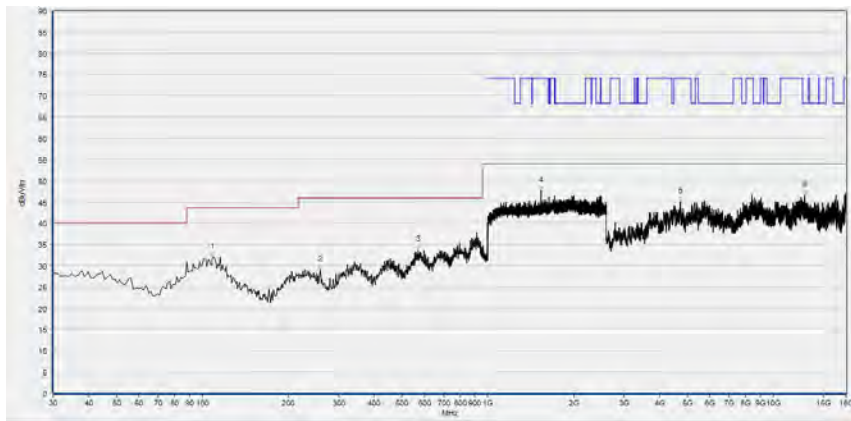
(Antenna Horizontal, 30MHz to 18GHz)



Fre. (MHz)	PK (dBμV/m)	QP (dBμV/m)	AV (dBμV/m)	Limit-PK (dBμV/m)	Limit-QP (dBμV/m)	Limit-AV (dBμV/m)	Antenna	Verdict
105.660	31.11	N/A	N/A	N/A	43.50	N/A	Vertical	PASS
240.490	30.03	N/A	N/A	N/A	46.00	N/A	Vertical	PASS
641.100	33.45	N/A	N/A	N/A	46.00	N/A	Vertical	PASS
2409.600	46.38	N/A	N/A	68.23	N/A	N/A	Vertical	PASS
5643.040	45.54	N/A	N/A	68.23	N/A	N/A	Vertical	PASS
12480.640	46.42	N/A	N/A	74.00	N/A	54.00	Vertical	PASS

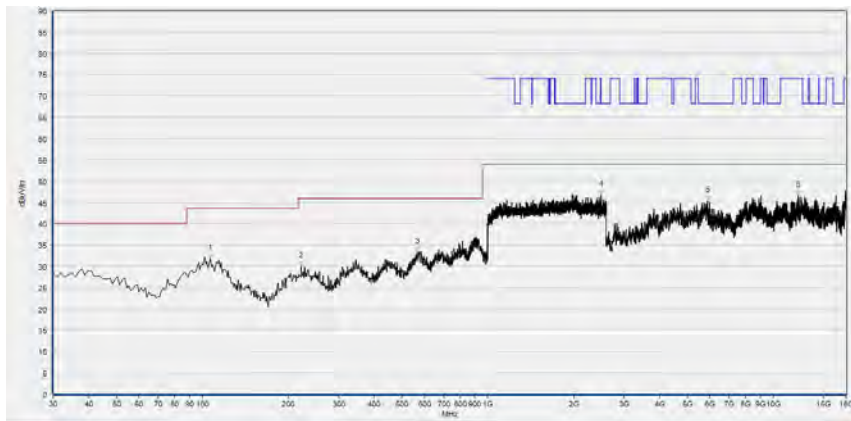
(Antenna Vertical, 30MHz to 18GHz)

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
108.570	32.08	N/A	N/A	N/A	43.50	N/A	Horizontal	PASS
258.920	28.93	N/A	N/A	N/A	46.00	N/A	Horizontal	PASS
569.320	33.67	N/A	N/A	N/A	46.00	N/A	Horizontal	PASS
1536.000	47.62	N/A	N/A	74.00	N/A	54.00	Horizontal	PASS
4734.440	45.02	N/A	N/A	74.00	N/A	54.00	Horizontal	PASS
12896.440	46.51	N/A	N/A	68.23	N/A	N/A	Horizontal	PASS

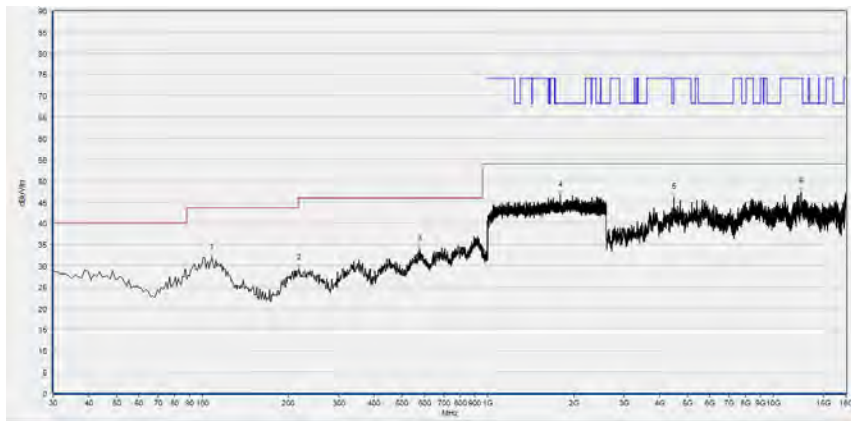
(Antenna Horizontal, 30MHz to 18GHz)



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	31.84	N/A	N/A	N/A	43.50	N/A	Vertical	PASS
222.060	30.04	N/A	N/A	N/A	46.00	N/A	Vertical	PASS
565.440	33.28	N/A	N/A	N/A	46.00	N/A	Vertical	PASS
2488.533	46.69	N/A	N/A	74.00	N/A	54.00	Vertical	PASS
5870.960	45.47	N/A	N/A	68.23	N/A	N/A	Vertical	PASS
12255.800	46.62	N/A	N/A	74.00	N/A	54.00	Vertical	PASS

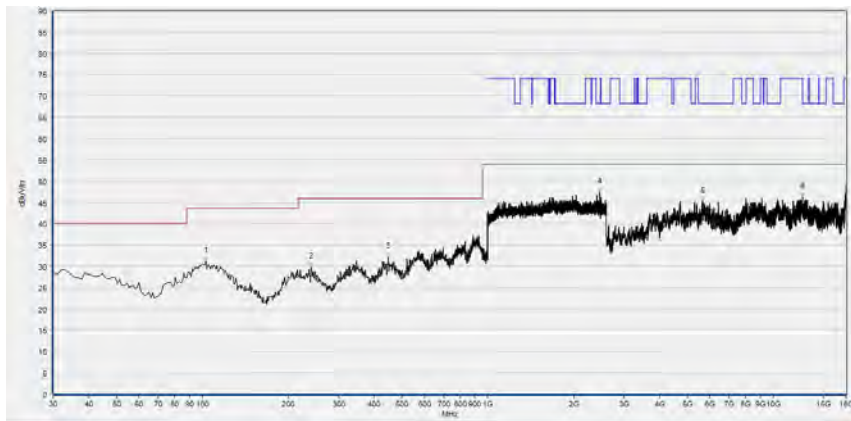
(Antenna Vertical, 30MHz to 18GHz)

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
107.600	31.80	N/A	N/A	N/A	43.50	N/A	Horizontal	PASS
217.210	29.34	N/A	N/A	N/A	46.00	N/A	Horizontal	PASS
578.050	33.78	N/A	N/A	N/A	46.00	N/A	Horizontal	PASS
1798.933	46.53	N/A	N/A	68.23	N/A	N/A	Horizontal	PASS
4481.880	46.01	N/A	N/A	68.23	N/A	N/A	Horizontal	PASS
12514.520	47.37	N/A	N/A	68.23	N/A	N/A	Horizontal	PASS

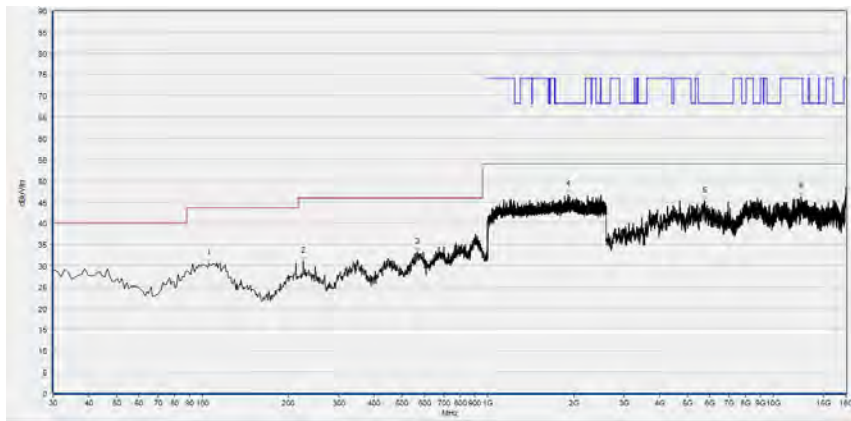
(Antenna Horizontal, 30MHz to 18GHz)



Fre. (MHz)	PK (dBµV/m)	QP (dBµV/m)	AV (dBµV/m)	Limit-PK (dBµV/m)	Limit-QP (dBµV/m)	Limit-AV (dBµV/m)	Antenna	Verdict
102.750	31.09	N/A	N/A	N/A	43.50	N/A	Vertical	PASS
240.490	29.90	N/A	N/A	N/A	46.00	N/A	Vertical	PASS
448.070	32.22	N/A	N/A	N/A	46.00	N/A	Vertical	PASS
2462.400	47.47	N/A	N/A	68.23	N/A	N/A	Vertical	PASS
5636.880	45.21	N/A	N/A	68.23	N/A	N/A	Vertical	PASS
12662.360	46.19	N/A	N/A	74.00	N/A	54.00	Vertical	PASS

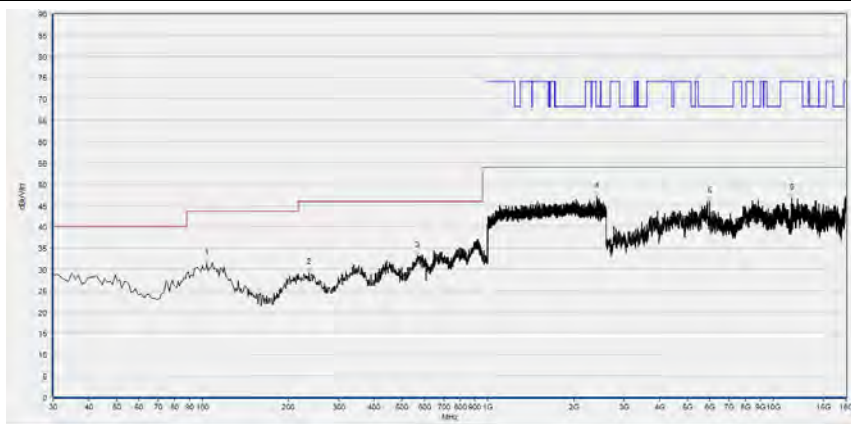
(Antenna Vertical, 30MHz to 18GHz)

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
105.660	30.59	N/A	N/A	N/A	43.50	N/A	Horizontal	PASS
225.940	31.08	N/A	N/A	N/A	46.00	N/A	Horizontal	PASS
568.350	33.21	N/A	N/A	N/A	46.00	N/A	Horizontal	PASS
1914.667	46.72	N/A	N/A	68.23	N/A	N/A	Horizontal	PASS
5766.240	45.18	N/A	N/A	68.23	N/A	N/A	Horizontal	PASS
12529.920	46.19	N/A	N/A	74.00	N/A	54.00	Horizontal	PASS

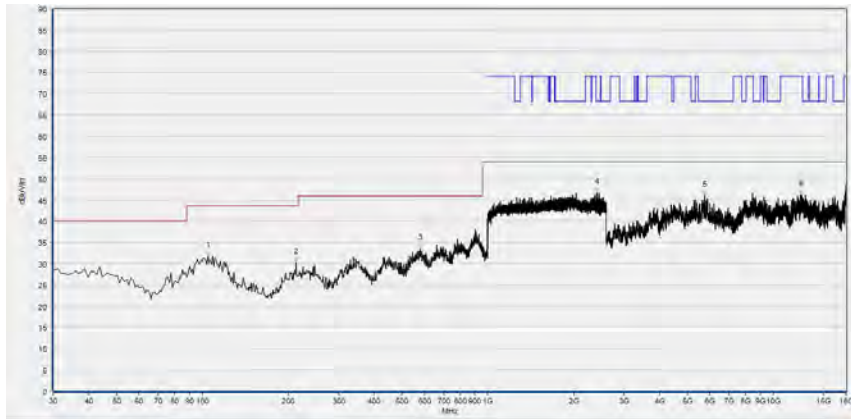
(Antenna Horizontal, 30MHz to 18GHz)



Fre. (MHz)	PK (dBµV/m)	QP (dBµV/m)	AV (dBµV/m)	Limit-PK (dBµV/m)	Limit-QP (dBµV/m)	Limit-AV (dBµV/m)	Antenna	Verdict
103.720	31.42	N/A	N/A	N/A	43.50	N/A	Vertical	PASS
235.640	29.17	N/A	N/A	N/A	46.00	N/A	Vertical	PASS
566.410	33.20	N/A	N/A	N/A	46.00	N/A	Vertical	PASS
2414.400	47.01	N/A	N/A	68.23	N/A	N/A	Vertical	PASS
5978.760	45.98	N/A	N/A	68.23	N/A	N/A	Vertical	PASS
11593.600	46.70	N/A	N/A	74.00	N/A	54.00	Vertical	PASS

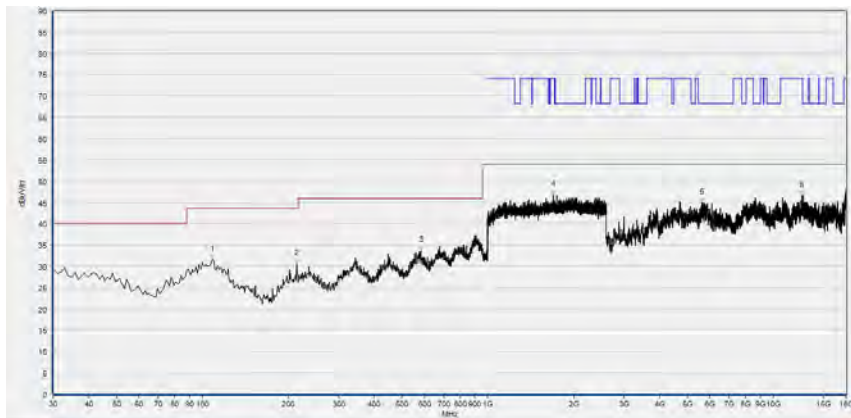
(Antenna Vertical, 30MHz to 18GHz)

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
104.690	31.82	N/A	N/A	N/A	43.50	N/A	Horizontal	PASS
213.330	30.32	N/A	N/A	N/A	43.50	N/A	Horizontal	PASS
579.990	33.44	N/A	N/A	N/A	46.00	N/A	Horizontal	PASS
2407.467	46.83	N/A	N/A	68.23	N/A	N/A	Horizontal	PASS
5750.840	46.09	N/A	N/A	68.23	N/A	N/A	Horizontal	PASS
12511.440	46.23	N/A	N/A	74.00	N/A	54.00	Horizontal	PASS

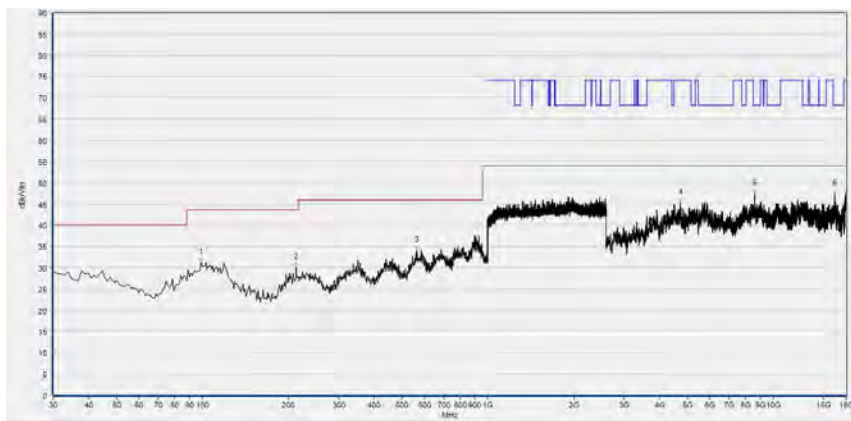
(Antenna Horizontal, 30MHz to 18GHz)



Fre. (MHz)	PK (dBμV/m)	QP (dBμV/m)	AV (dBμV/m)	Limit-PK (dBμV/m)	Limit-QP (dBμV/m)	Limit-AV (dBμV/m)	Antenna	Verdict
108.570	31.44	N/A	N/A	N/A	43.50	N/A	Vertical	PASS
214.300	30.53	N/A	N/A	N/A	43.50	N/A	Vertical	PASS
581.930	33.63	N/A	N/A	N/A	46.00	N/A	Vertical	PASS
1690.667	46.74	N/A	N/A	74.00	N/A	54.00	Vertical	PASS
5630.720	44.98	N/A	N/A	68.23	N/A	N/A	Vertical	PASS
12606.920	46.67	N/A	N/A	74.00	N/A	54.00	Vertical	PASS

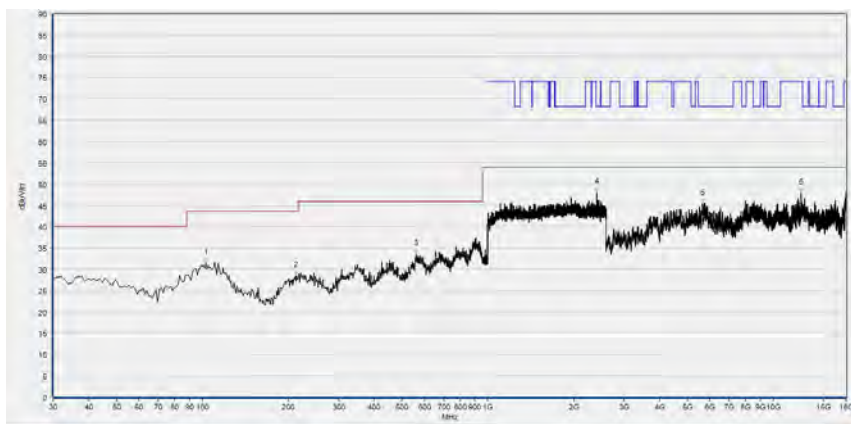
(Antenna Vertical, 30MHz to 18GHz)

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
98.870	31.10	N/A	N/A	N/A	43.50	N/A	Horizontal	PASS
213.330	29.98	N/A	N/A	N/A	43.50	N/A	Horizontal	PASS
563.500	33.97	N/A	N/A	N/A	46.00	N/A	Horizontal	PASS
4728.280	45.23	N/A	N/A	74.00	N/A	54.00	Horizontal	PASS
8596.760	47.41	N/A	N/A	68.23	N/A	N/A	Horizontal	PASS
16410.720	47.45	N/A	N/A	68.23	N/A	N/A	Horizontal	PASS

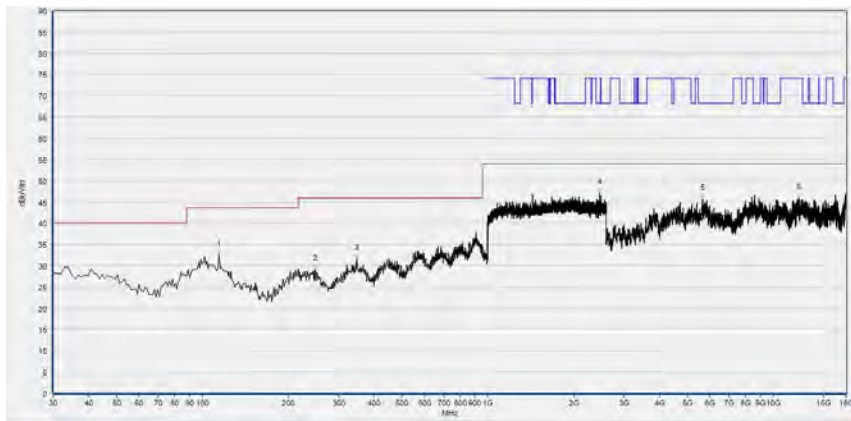
(Antenna Horizontal, 30MHz to 18GHz)



Fre. (MHz)	PK (dBµV/m)	QP (dBµV/m)	AV (dBµV/m)	Limit-PK (dBµV/m)	Limit-QP (dBµV/m)	Limit-AV (dBµV/m)	Antenna	Verdict
102.750	31.37	N/A	N/A	N/A	43.50	N/A	Vertical	PASS
212.360	28.56	N/A	N/A	N/A	43.50	N/A	Vertical	PASS
561.560	33.45	N/A	N/A	N/A	46.00	N/A	Vertical	PASS
2414.400	48.11	N/A	N/A	68.23	N/A	N/A	Vertical	PASS
5643.040	45.48	N/A	N/A	68.23	N/A	N/A	Vertical	PASS
12536.080	47.99	N/A	N/A	74.00	N/A	54.00	Vertical	PASS

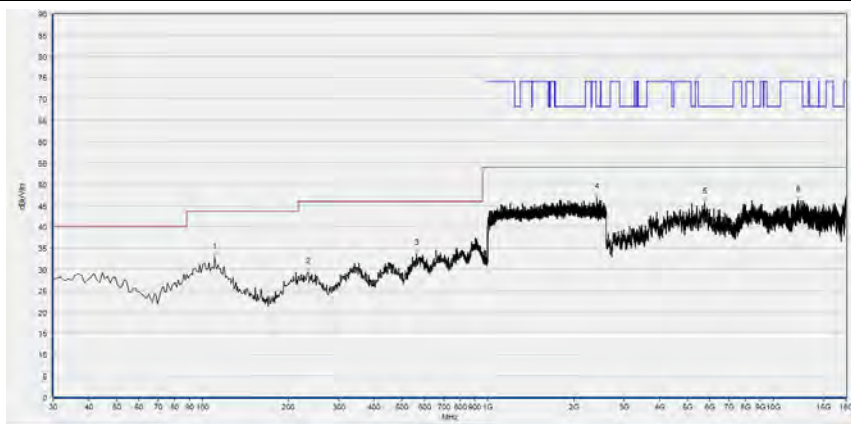
(Antenna Vertical, 30MHz to 18GHz)

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
114.390	32.53	N/A	N/A	N/A	43.50	N/A	Horizontal	PASS
249.220	29.23	N/A	N/A	N/A	46.00	N/A	Horizontal	PASS
348.160	31.67	N/A	N/A	N/A	46.00	N/A	Horizontal	PASS
2460.800	47.14	N/A	N/A	68.23	N/A	N/A	Horizontal	PASS
5646.120	45.67	N/A	N/A	68.23	N/A	N/A	Horizontal	PASS
12326.640	45.90	N/A	N/A	74.00	N/A	54.00	Horizontal	PASS

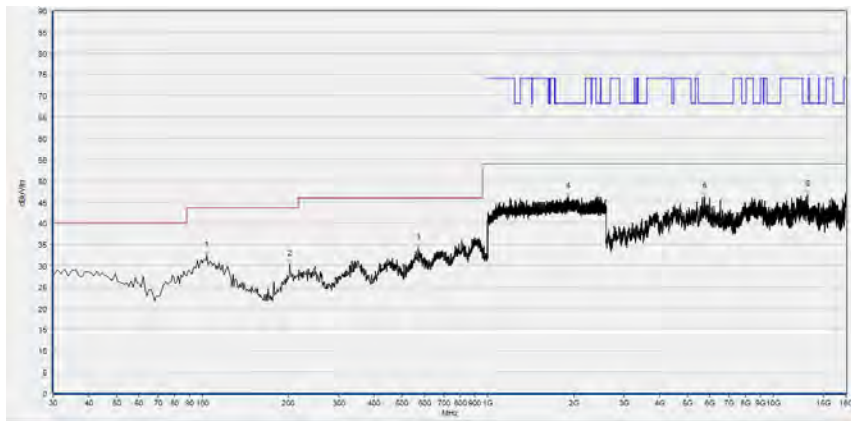
(Antenna Horizontal, 30MHz to 18GHz)



Fre. (MHz)	PK (dBμV/m)	QP (dBμV/m)	AV (dBμV/m)	Limit-PK (dBμV/m)	Limit-QP (dBμV/m)	Limit-AV (dBμV/m)	Antenna	Verdict
110.510	32.92	N/A	N/A	N/A	43.50	N/A	Vertical	PASS
234.670	29.25	N/A	N/A	N/A	46.00	N/A	Vertical	PASS
562.530	33.63	N/A	N/A	N/A	46.00	N/A	Vertical	PASS
2409.600	46.98	N/A	N/A	68.23	N/A	N/A	Vertical	PASS
5747.760	45.71	N/A	N/A	68.23	N/A	N/A	Vertical	PASS
12221.920	46.18	N/A	N/A	74.00	N/A	54.00	Vertical	PASS

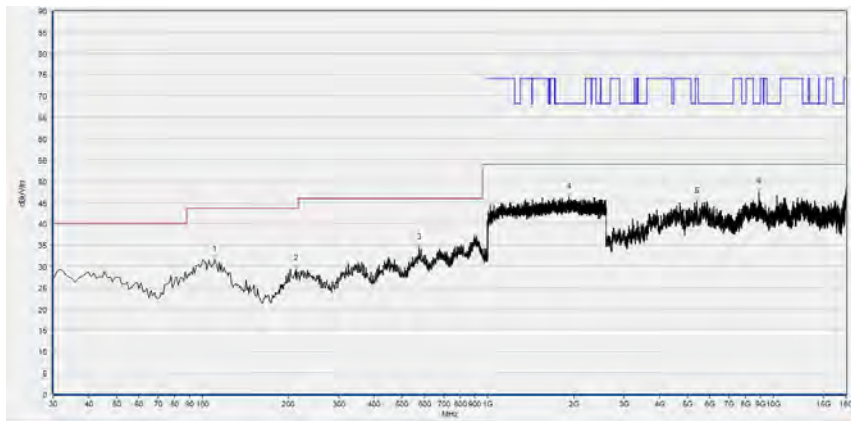
(Antenna Vertical, 30MHz to 18GHz)

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
103.720	32.31	N/A	N/A	N/A	43.50	N/A	Horizontal	PASS
202.660	30.27	N/A	N/A	N/A	43.50	N/A	Horizontal	PASS
570.290	34.14	N/A	N/A	N/A	46.00	N/A	Horizontal	PASS
1912.533	46.17	N/A	N/A	68.23	N/A	N/A	Horizontal	PASS
5760.080	46.25	N/A	N/A	68.23	N/A	N/A	Horizontal	PASS
13176.720	46.78	N/A	N/A	68.23	N/A	N/A	Horizontal	PASS

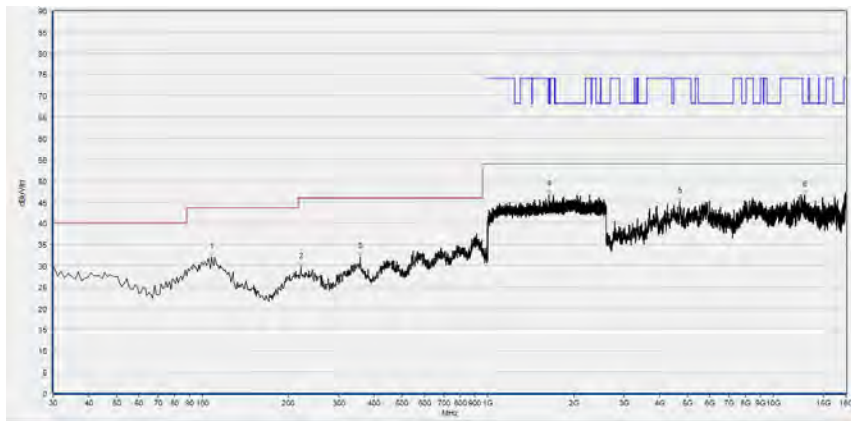
(Antenna Horizontal, 30MHz to 18GHz)



Fre. (MHz)	PK (dBµV/m)	QP (dBµV/m)	AV (dBµV/m)	Limit-PK (dBµV/m)	Limit-QP (dBµV/m)	Limit-AV (dBµV/m)	Antenna	Verdict
110.510	31.51	N/A	N/A	N/A	43.50	N/A	Vertical	PASS
213.330	29.38	N/A	N/A	N/A	43.50	N/A	Vertical	PASS
575.140	34.43	N/A	N/A	N/A	46.00	N/A	Vertical	PASS
1926.933	46.32	N/A	N/A	68.23	N/A	N/A	Vertical	PASS
5387.400	45.26	N/A	N/A	74.00	N/A	54.00	Vertical	PASS
8901.680	47.41	N/A	N/A	68.23	N/A	N/A	Vertical	PASS

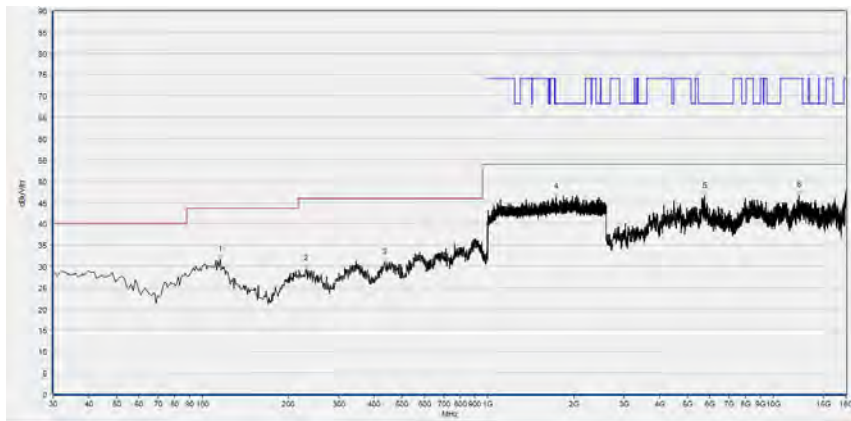
(Antenna Vertical, 30MHz to 18GHz)

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
107.600	32.07	N/A	N/A	N/A	43.50	N/A	Horizontal	PASS
221.090	29.74	N/A	N/A	N/A	46.00	N/A	Horizontal	PASS
356.890	31.94	N/A	N/A	N/A	46.00	N/A	Horizontal	PASS
1636.800	46.72	N/A	N/A	68.23	N/A	N/A	Horizontal	PASS
4694.400	45.07	N/A	N/A	74.00	N/A	54.00	Horizontal	PASS
12881.040	46.54	N/A	N/A	68.23	N/A	N/A	Horizontal	PASS

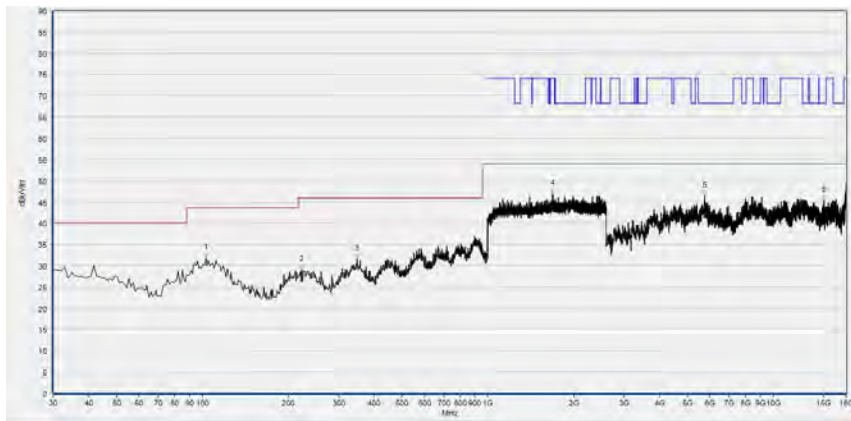
(Antenna Horizontal, 30MHz to 18GHz)



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
115.360	31.50	N/A	N/A	N/A	43.50	N/A	Vertical	PASS
230.790	29.34	N/A	N/A	N/A	46.00	N/A	Vertical	PASS
434.490	30.89	N/A	N/A	N/A	46.00	N/A	Vertical	PASS
1737.067	46.18	N/A	N/A	68.23	N/A	N/A	Vertical	PASS
5735.440	46.38	N/A	N/A	68.23	N/A	N/A	Vertical	PASS
12292.760	46.58	N/A	N/A	74.00	N/A	54.00	Vertical	PASS

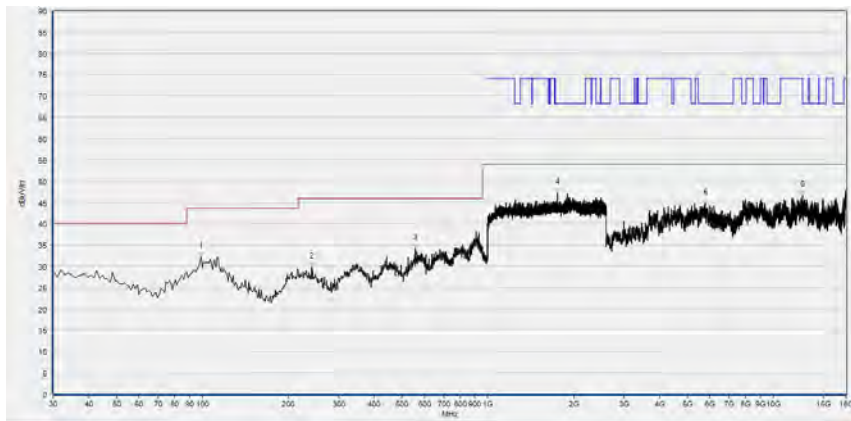
(Antenna Vertical, 30MHz to 18GHz)

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
102.750	31.76	N/A	N/A	N/A	43.50	N/A	Horizontal	PASS
223.030	28.95	N/A	N/A	N/A	46.00	N/A	Horizontal	PASS
348.160	31.57	N/A	N/A	N/A	46.00	N/A	Horizontal	PASS
1684.800	46.95	N/A	N/A	74.00	N/A	54.00	Horizontal	PASS
5757.000	46.51	N/A	N/A	68.23	N/A	N/A	Horizontal	PASS
15012.400	45.40	N/A	N/A	68.23	N/A	N/A	Horizontal	PASS

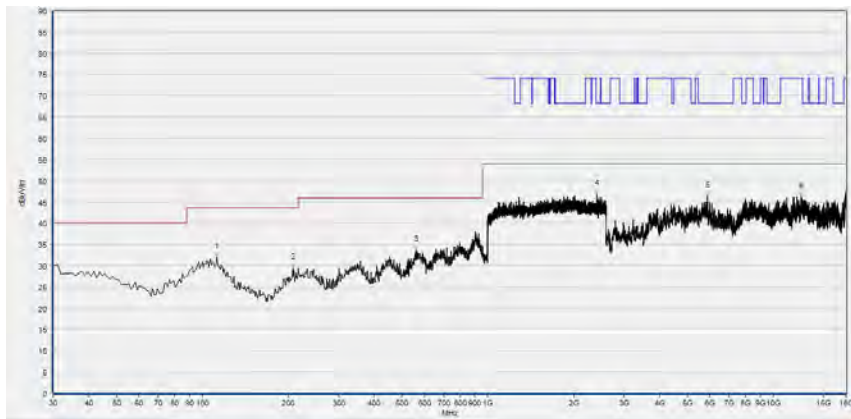
(Antenna Horizontal, 30MHz to 18GHz)



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
98.870	32.12	N/A	N/A	N/A	43.50	N/A	Vertical	PASS
241.460	29.77	N/A	N/A	N/A	46.00	N/A	Vertical	PASS
556.710	34.27	N/A	N/A	N/A	46.00	N/A	Vertical	PASS
1754.667	47.31	N/A	N/A	68.23	N/A	N/A	Vertical	PASS
5769.320	44.83	N/A	N/A	68.23	N/A	N/A	Vertical	PASS
12671.600	46.73	N/A	N/A	74.00	N/A	54.00	Vertical	PASS

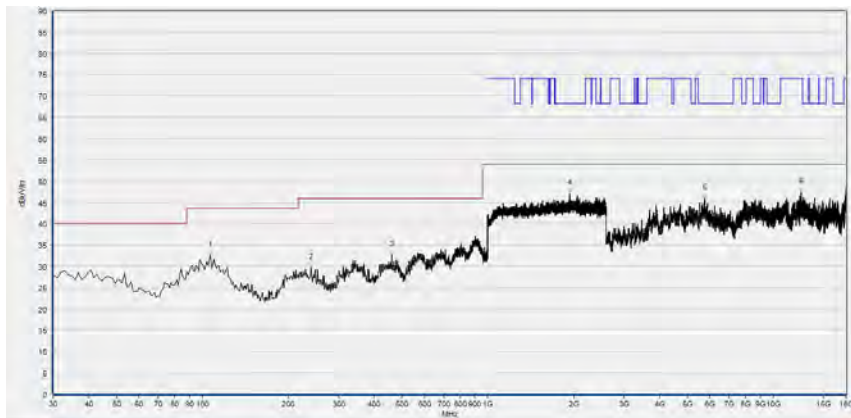
(Antenna Vertical, 30MHz to 18GHz)

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
112.450	31.97	N/A	N/A	N/A	43.50	N/A	Horizontal	PASS
207.510	29.43	N/A	N/A	N/A	43.50	N/A	Horizontal	PASS
559.620	33.66	N/A	N/A	N/A	46.00	N/A	Horizontal	PASS
2409.600	46.89	N/A	N/A	68.23	N/A	N/A	Horizontal	PASS
5877.120	46.36	N/A	N/A	68.23	N/A	N/A	Horizontal	PASS
12539.160	46.20	N/A	N/A	74.00	N/A	54.00	Horizontal	PASS

(Antenna Horizontal, 30MHz to 18GHz)

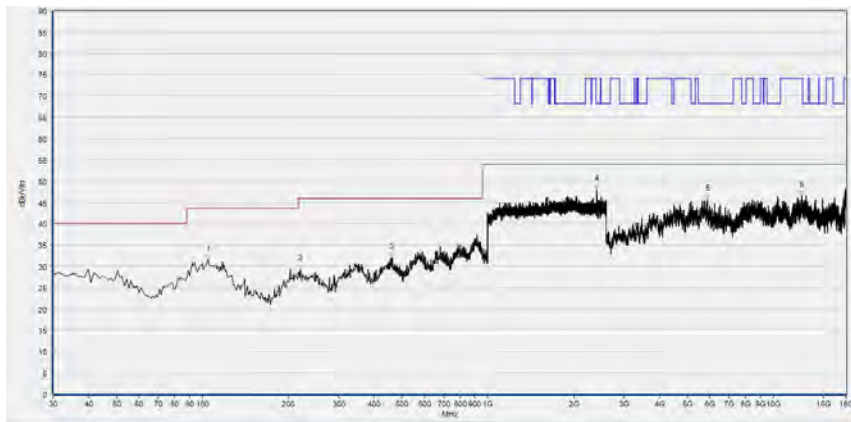


Fre. (MHz)	PK (dBμV/m)	QP (dBμV/m)	AV (dBμV/m)	Limit-PK (dBμV/m)	Limit-QP (dBμV/m)	Limit-AV (dBμV/m)	Antenna	Verdict
106.630	32.55	N/A	N/A	N/A	43.50	N/A	Vertical	PASS
240.490	29.71	N/A	N/A	N/A	46.00	N/A	Vertical	PASS
459.710	32.60	N/A	N/A	N/A	46.00	N/A	Vertical	PASS
1934.400	47.12	N/A	N/A	68.23	N/A	N/A	Vertical	PASS
5744.680	45.86	N/A	N/A	68.23	N/A	N/A	Vertical	PASS
12526.840	47.44	N/A	N/A	74.00	N/A	54.00	Vertical	PASS

(Antenna Vertical, 30MHz to 18GHz)

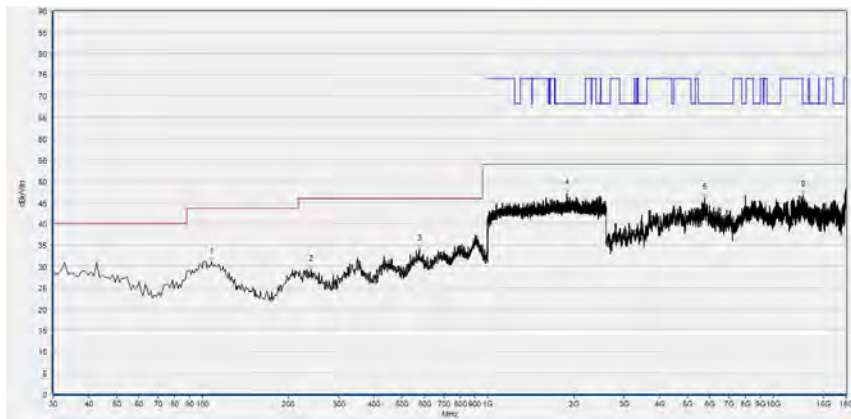
802.11n (HT40) mode

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
104.690	31.53	N/A	N/A	N/A	43.50	N/A	Horizontal	PASS
220.120	29.28	N/A	N/A	N/A	46.00	N/A	Horizontal	PASS
460.680	32.09	N/A	N/A	N/A	46.00	N/A	Horizontal	PASS
2410.667	48.07	N/A	N/A	68.23	N/A	N/A	Horizontal	PASS
5880.200	45.67	N/A	N/A	68.23	N/A	N/A	Horizontal	PASS
12603.840	46.53	N/A	N/A	74.00	N/A	54.00	Horizontal	PASS

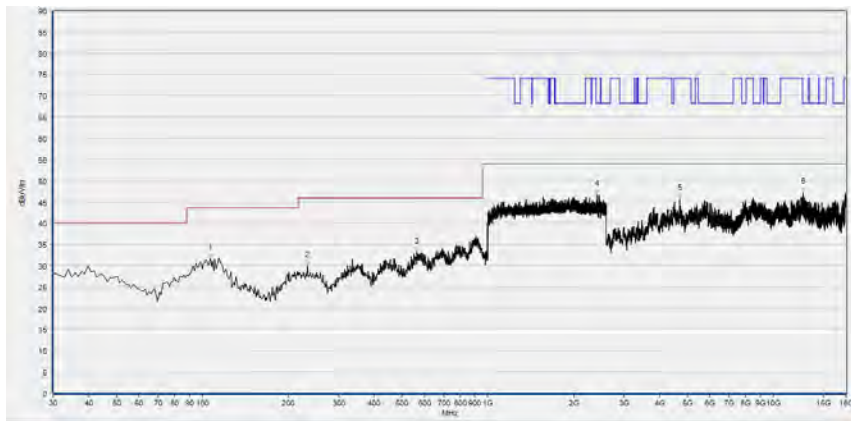
(Antenna Horizontal, 30MHz to 18GHz)



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	30.96	N/A	N/A	N/A	43.50	N/A	Vertical	PASS
240.490	29.22	N/A	N/A	N/A	46.00	N/A	Vertical	PASS
576.110	33.98	N/A	N/A	N/A	46.00	N/A	Vertical	PASS
1894.400	47.11	N/A	N/A	68.23	N/A	N/A	Vertical	PASS
5763.160	46.01	N/A	N/A	68.23	N/A	N/A	Vertical	PASS
12739.360	46.81	N/A	N/A	68.23	N/A	N/A	Vertical	PASS

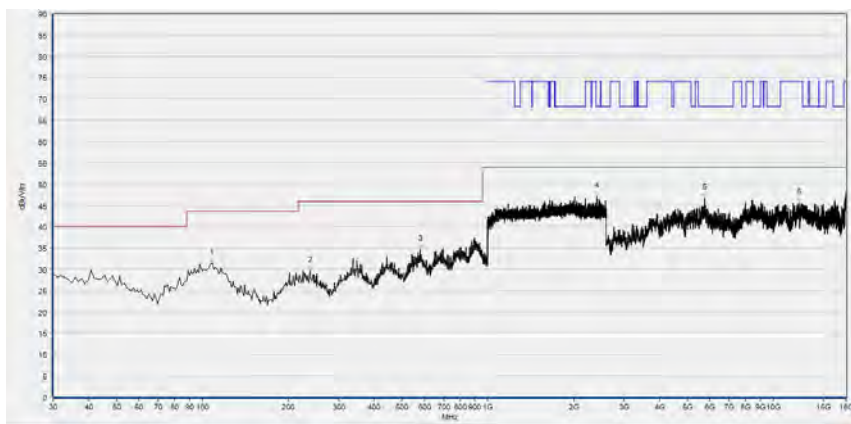
(Antenna Vertical, 30MHz to 18GHz)

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
106.630	31.71	N/A	N/A	N/A	43.50	N/A	Horizontal	PASS
233.700	30.01	N/A	N/A	N/A	46.00	N/A	Horizontal	PASS
563.500	33.14	N/A	N/A	N/A	46.00	N/A	Horizontal	PASS
2412.267	46.78	N/A	N/A	68.23	N/A	N/A	Horizontal	PASS
4700.560	45.72	N/A	N/A	68.23	N/A	N/A	Horizontal	PASS
12754.760	47.20	N/A	N/A	74.00	N/A	54.00	Horizontal	PASS

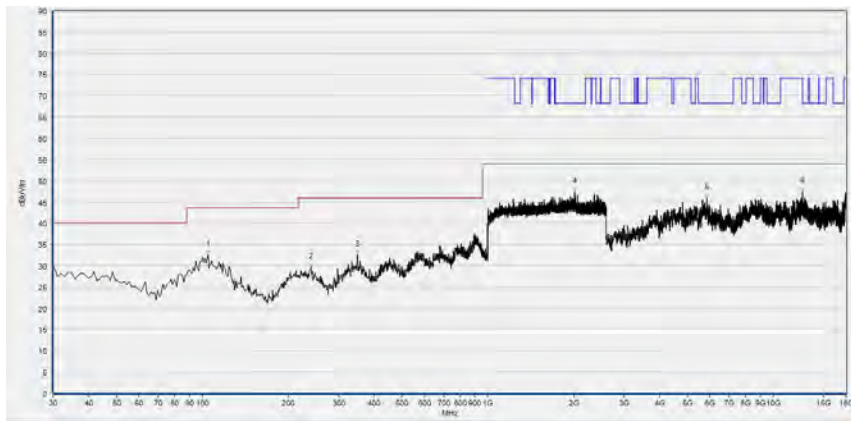
(Antenna Horizontal, 30MHz to 18GHz)



Fre. (MHz)	PK (dBµV/m)	QP (dBµV/m)	AV (dBµV/m)	Limit-PK (dBµV/m)	Limit-QP (dBµV/m)	Limit-AV (dBµV/m)	Antenna	Verdict
107.600	31.34	N/A	N/A	N/A	43.50	N/A	Vertical	PASS
238.550	29.69	N/A	N/A	N/A	46.00	N/A	Vertical	PASS
579.020	34.62	N/A	N/A	N/A	46.00	N/A	Vertical	PASS
2408.000	47.10	N/A	N/A	68.23	N/A	N/A	Vertical	PASS
5753.920	46.83	N/A	N/A	68.23	N/A	N/A	Vertical	PASS
12289.680	45.65	N/A	N/A	74.00	N/A	54.00	Vertical	PASS

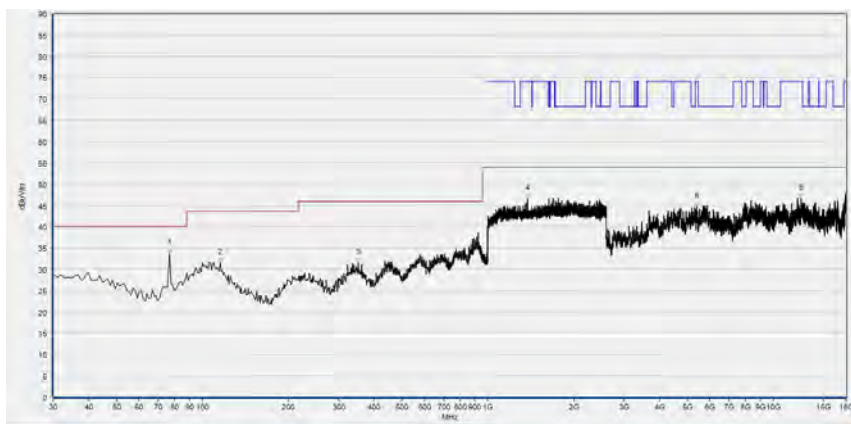
(Antenna Vertical, 30MHz to 18GHz)

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
104.690	32.57	N/A	N/A	N/A	43.50	N/A	Horizontal	PASS
240.490	29.60	N/A	N/A	N/A	46.00	N/A	Horizontal	PASS
349.130	32.53	N/A	N/A	N/A	46.00	N/A	Horizontal	PASS
2010.133	47.48	N/A	N/A	68.23	N/A	N/A	Horizontal	PASS
5849.400	45.89	N/A	N/A	68.23	N/A	N/A	Horizontal	PASS
12634.640	47.38	N/A	N/A	74.00	N/A	54.00	Horizontal	PASS

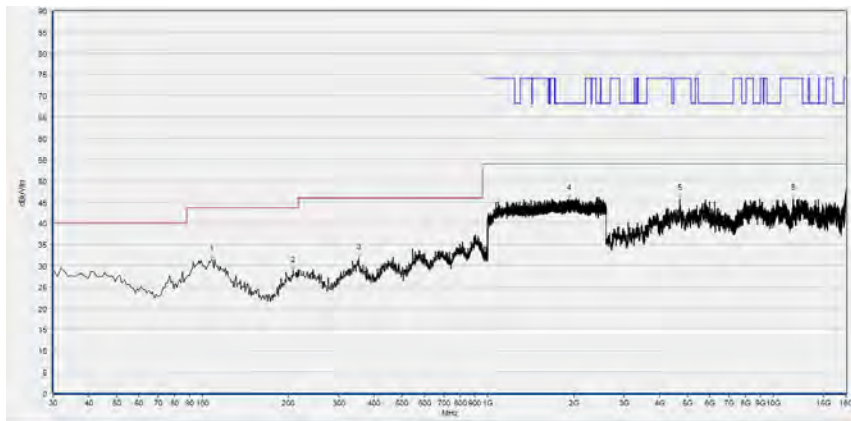
(Antenna Horizontal, 30MHz to 18GHz)



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
76.560	33.74	N/A	N/A	N/A	43.50	N/A	Vertical	PASS
115.360	31.59	N/A	N/A	N/A	43.50	N/A	Vertical	PASS
352.040	31.43	N/A	N/A	N/A	46.00	N/A	Vertical	PASS
1380.267	46.62	N/A	N/A	76.560	76.560	76.560	Vertical	PASS
5384.320	44.78	N/A	N/A	74.00	N/A	54.00	Vertical	PASS
12517.600	46.55	N/A	N/A	74.00	N/A	54.00	Vertical	PASS

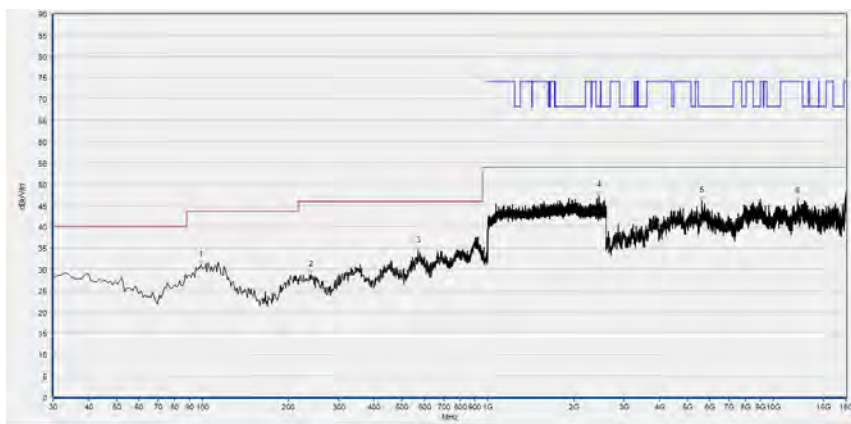
(Antenna Vertical, 30MHz to 18GHz)

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
107.600	31.35	N/A	N/A	N/A	43.50	N/A	Horizontal	PASS
207.510	28.85	N/A	N/A	N/A	43.50	N/A	Horizontal	PASS
353.010	31.85	N/A	N/A	N/A	46.00	N/A	Horizontal	PASS
1922.133	45.78	N/A	N/A	68.23	N/A	N/A	Horizontal	PASS
4712.880	45.75	N/A	N/A	74.00	N/A	54.00	Horizontal	PASS
11729.120	45.68	N/A	N/A	74.00	N/A	54.00	Horizontal	PASS

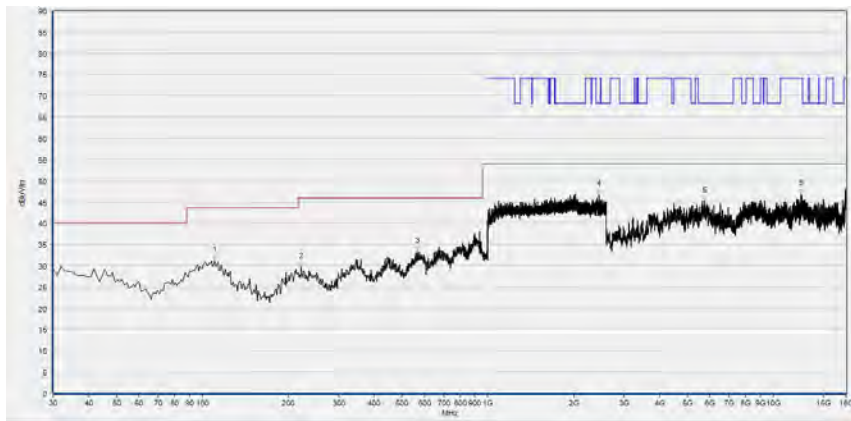
(Antenna Horizontal, 30MHz to 18GHz)



Fre. (MHz)	PK (dBµV/m)	QP (dBµV/m)	AV (dBµV/m)	Limit-PK (dBµV/m)	Limit-QP (dBµV/m)	Limit-AV (dBµV/m)	Antenna	Verdict
98.870	30.97	N/A	N/A	N/A	43.50	N/A	Vertical	PASS
240.490	28.71	N/A	N/A	N/A	46.00	N/A	Vertical	PASS
569.320	34.36	N/A	N/A	N/A	46.00	N/A	Vertical	PASS
2456.533	47.26	N/A	N/A	68.23	N/A	N/A	Vertical	PASS
5615.320	46.04	N/A	N/A	68.23	N/A	N/A	Vertical	PASS
12144.920	45.94	N/A	N/A	74.00	N/A	54.00	Vertical	PASS

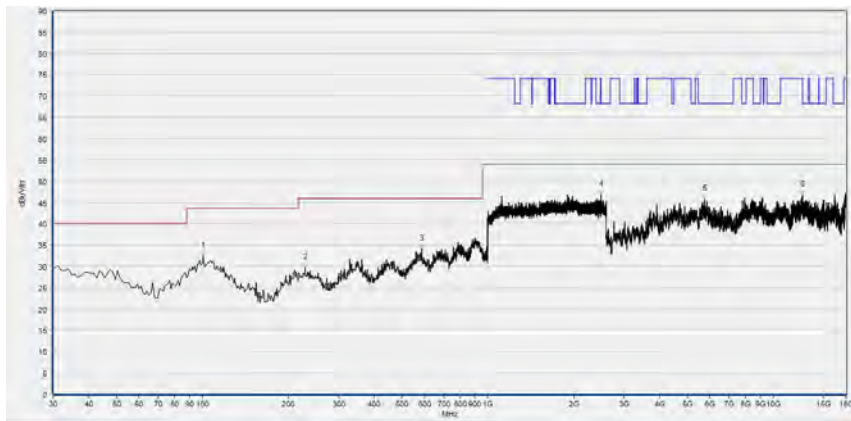
(Antenna Vertical, 30MHz to 18GHz)

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
110.510	31.18	N/A	N/A	N/A	43.50	N/A	Horizontal	PASS
222.060	29.71	N/A	N/A	N/A	46.00	N/A	Horizontal	PASS
566.410	33.29	N/A	N/A	N/A	46.00	N/A	Horizontal	PASS
2450.133	46.77	N/A	N/A	68.23	N/A	N/A	Horizontal	PASS
5763.160	45.28	N/A	N/A	68.23	N/A	N/A	Horizontal	PASS
12520.680	46.89	N/A	N/A	74.00	N/A	54.00	Horizontal	PASS

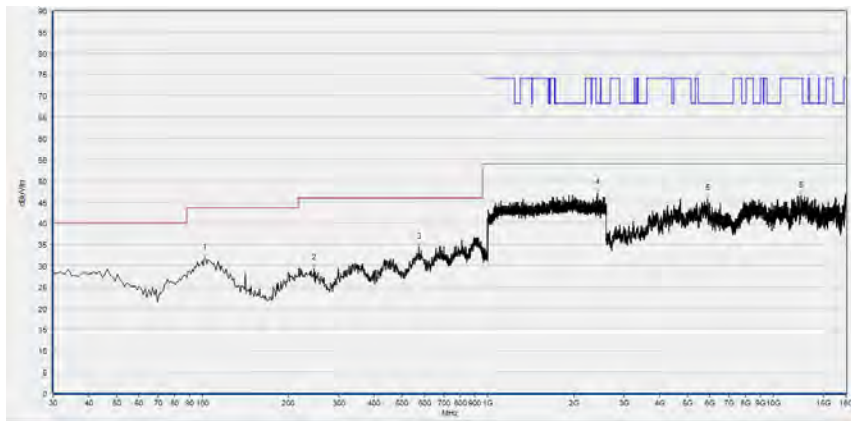
(Antenna Horizontal, 30MHz to 18GHz)



Fre. (MHz)	PK (dBµV/m)	QP (dBµV/m)	AV (dBµV/m)	Limit-PK (dBµV/m)	Limit-QP (dBµV/m)	Limit-AV (dBµV/m)	Antenna	Verdict
100.810	32.28	N/A	N/A	N/A	43.50	N/A	Vertical	PASS
228.850	29.64	N/A	N/A	N/A	46.00	N/A	Vertical	PASS
586.780	33.99	N/A	N/A	N/A	46.00	N/A	Vertical	PASS
2489.067	46.77	N/A	N/A	74.00	N/A	54.00	Vertical	PASS
5735.440	45.77	N/A	N/A	68.23	N/A	N/A	Vertical	PASS
12671.600	46.72	N/A	N/A	74.00	N/A	54.00	Vertical	PASS

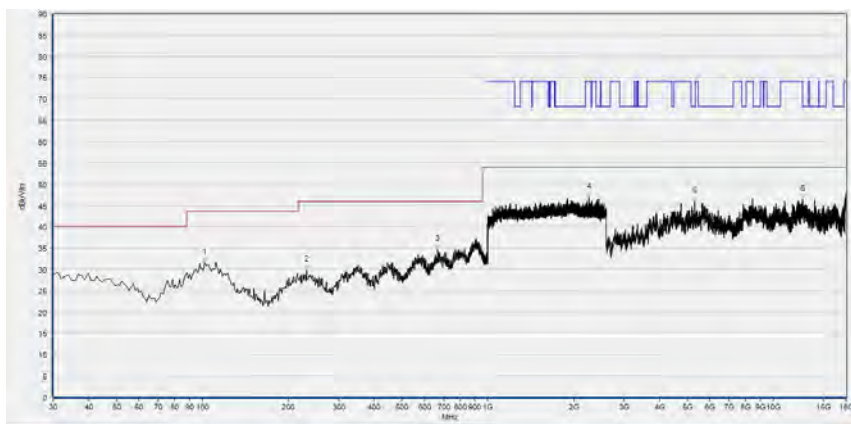
(Antenna Vertical, 30MHz to 18GHz)

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
101.780	31.77	N/A	N/A	N/A	43.50	N/A	Horizontal	PASS
246.310	29.32	N/A	N/A	N/A	46.00	N/A	Horizontal	PASS
572.230	34.30	N/A	N/A	N/A	46.00	N/A	Horizontal	PASS
2416.533	47.01	N/A	N/A	68.23	N/A	N/A	Horizontal	PASS
5867.880	45.72	N/A	N/A	68.23	N/A	N/A	Horizontal	PASS
12523.760	46.46	N/A	N/A	74.00	N/A	54.00	Horizontal	PASS

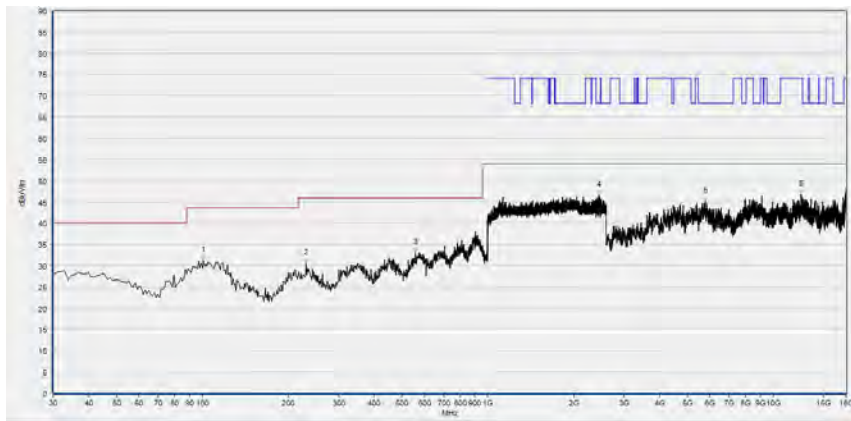
(Antenna Horizontal, 30MHz to 18GHz)



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	31.53	N/A	N/A	N/A	43.50	N/A	Vertical	PASS
231.760	29.77	N/A	N/A	N/A	46.00	N/A	Vertical	PASS
667.290	34.61	N/A	N/A	N/A	46.00	N/A	Vertical	PASS
2264.533	47.01	N/A	N/A	74.00	N/A	54.00	Vertical	PASS
5304.240	45.95	N/A	N/A	68.23	N/A	N/A	Vertical	PASS
12640.800	46.46	N/A	N/A	74.00	N/A	54.00	Vertical	PASS

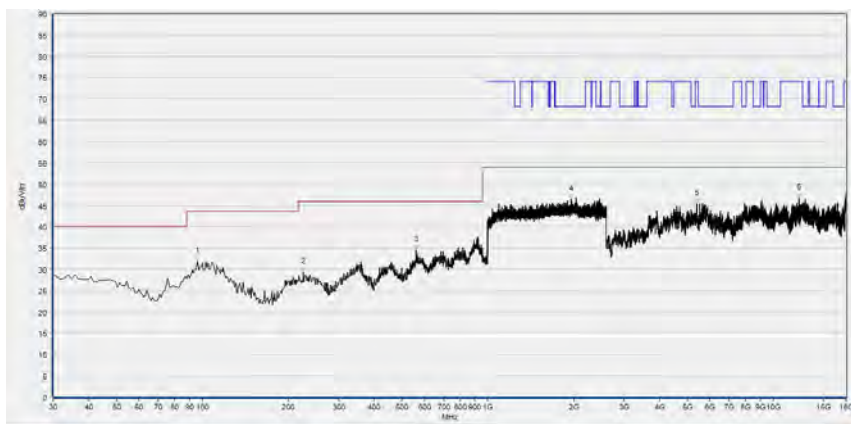
(Antenna Vertical, 30MHz to 18GHz)

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
100.810	31.23	N/A	N/A	N/A	43.50	N/A	Horizontal	PASS
230.790	30.52	N/A	N/A	N/A	46.00	N/A	Horizontal	PASS
556.710	33.09	N/A	N/A	N/A	46.00	N/A	Horizontal	PASS
2457.067	46.59	N/A	N/A	68.23	N/A	N/A	Horizontal	PASS
5769.320	45.16	N/A	N/A	68.23	N/A	N/A	Horizontal	PASS
12536.080	46.68	N/A	N/A	74.00	N/A	54.00	Horizontal	PASS

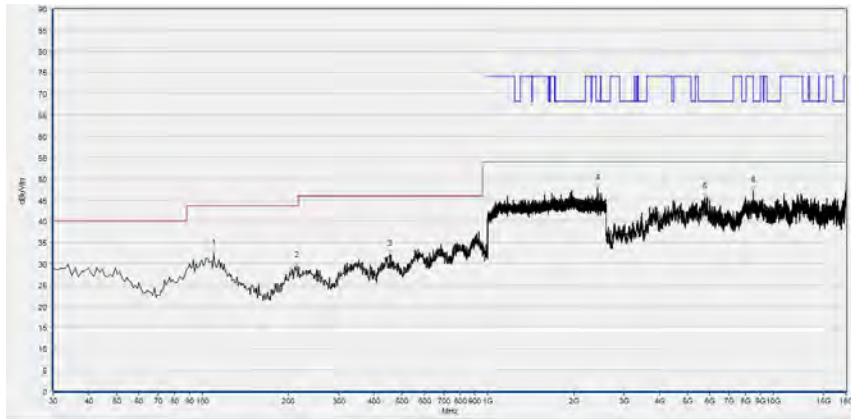
(Antenna Horizontal, 30MHz to 18GHz)



Fre. (MHz)	PK (dBμV/m)	QP (dBμV/m)	AV (dBμV/m)	Limit-PK (dBμV/m)	Limit-QP (dBμV/m)	Limit-AV (dBμV/m)	Antenna	Verdict
95.960	31.92	N/A	N/A	N/A	43.50	N/A	Vertical	PASS
225.940	29.27	N/A	N/A	N/A	46.00	N/A	Vertical	PASS
560.590	34.49	N/A	N/A	N/A	46.00	N/A	Vertical	PASS
1962.133	46.38	N/A	N/A	68.23	N/A	N/A	Vertical	PASS
5399.720	45.35	N/A	N/A	74.00	N/A	54.00	Vertical	PASS
12280.440	46.73	N/A	N/A	74.00	N/A	54.00	Vertical	PASS

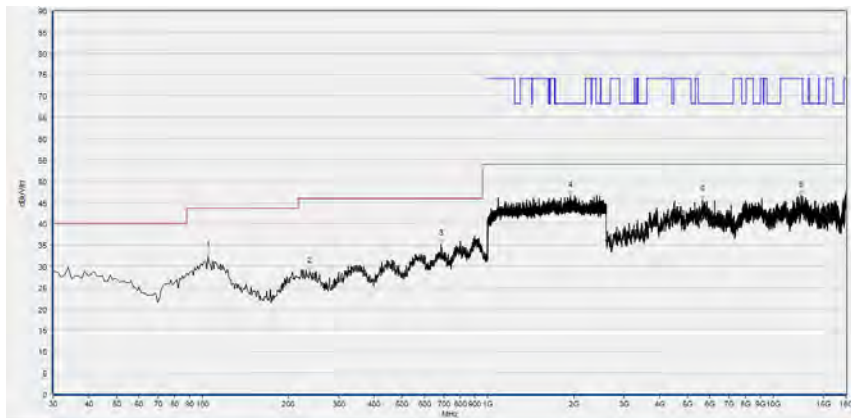
(Antenna Vertical, 30MHz to 18GHz)

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
109.540	32.32	N/A	N/A	N/A	43.50	N/A	Horizontal	PASS
214.300	29.46	N/A	N/A	N/A	43.50	N/A	Horizontal	PASS
453.890	32.12	N/A	N/A	N/A	46.00	N/A	Horizontal	PASS
2417.067	47.83	N/A	N/A	68.23	N/A	N/A	Horizontal	PASS
5735.440	45.61	N/A	N/A	68.23	N/A	N/A	Horizontal	PASS
8504.360	47.17	N/A	N/A	68.23	N/A	N/A	Horizontal	PASS

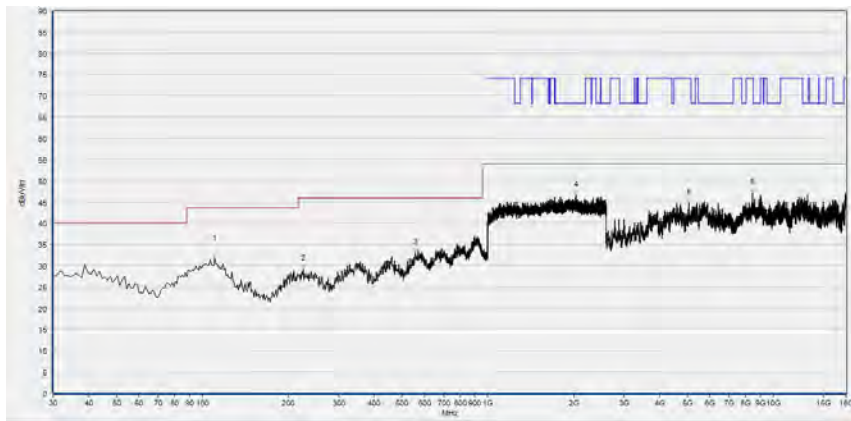
(Antenna Horizontal, 30MHz to 18GHz)



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
104.690	32.34	N/A	N/A	N/A	43.50	N/A	Vertical	PASS
237.580	28.76	N/A	N/A	N/A	46.00	N/A	Vertical	PASS
684.750	35.18	N/A	N/A	N/A	46.00	N/A	Vertical	PASS
1944.000	46.51	N/A	N/A	68.23	N/A	N/A	Vertical	PASS
5652.280	45.65	N/A	N/A	68.23	N/A	N/A	Vertical	PASS
12548.400	46.67	N/A	N/A	74.00	N/A	54.00	Vertical	PASS

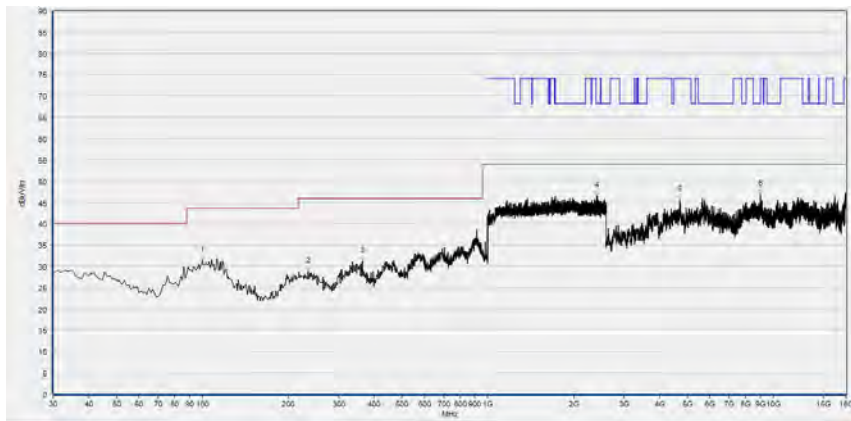
(Antenna Vertical, 30MHz to 18GHz)

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
110.510	31.78	N/A	N/A	N/A	43.50	N/A	Horizontal	PASS
225.940	29.23	N/A	N/A	N/A	46.00	N/A	Horizontal	PASS
556.710	32.94	N/A	N/A	N/A	46.00	N/A	Horizontal	PASS
2042.667	46.64	N/A	N/A	68.23	N/A	N/A	Horizontal	PASS
5064.000	44.75	N/A	N/A	74.00	N/A	54.00	Horizontal	PASS
8455.080	47.11	N/A	N/A	74.00	N/A	54.00	Horizontal	PASS

(Antenna Horizontal, 30MHz to 18GHz)

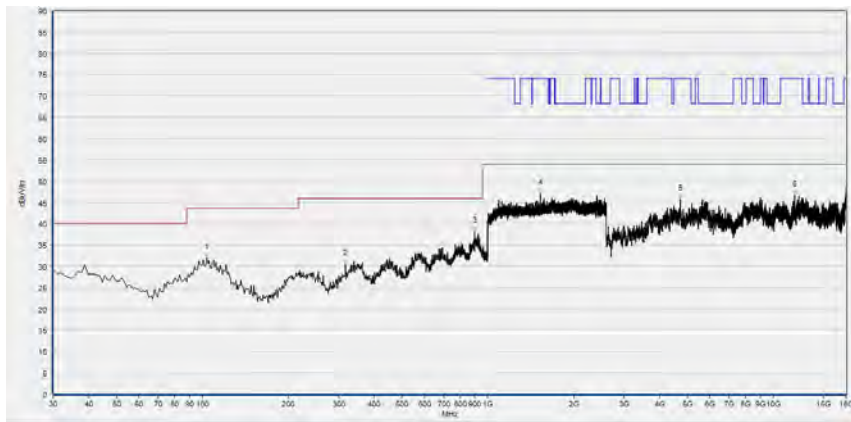


Fre. (MHz)	PK (dBμV/m)	QP (dBμV/m)	AV (dBμV/m)	Limit-PK (dBμV/m)	Limit-QP (dBμV/m)	Limit-AV (dBμV/m)	Antenna	Verdict
99.840	31.27	N/A	N/A	N/A	43.50	N/A	Vertical	PASS
234.670	28.87	N/A	N/A	N/A	46.00	N/A	Vertical	PASS
363.680	31.12	N/A	N/A	N/A	46.00	N/A	Vertical	PASS
2410.667	46.60	N/A	N/A	68.23	N/A	N/A	Vertical	PASS
4706.720	45.64	N/A	N/A	74.00	N/A	54.00	Vertical	PASS
8997.160	46.96	N/A	N/A	68.23	N/A	N/A	Vertical	PASS

(Antenna Vertical, 30MHz to 18GHz)

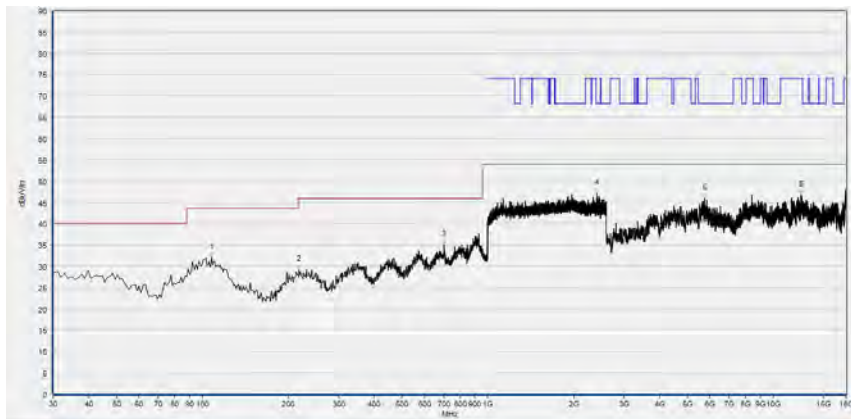
802.11ac (VHT80) Mode

Plot for Channel 42



Fre. (MHz)	PK (dBµV/m)	QP (dBµV/m)	AV (dBµV/m)	Limit-PK (dBµV/m)	Limit-QP (dBµV/m)	Limit-AV (dBµV/m)	Antenna	Verdict
103.720	32.00	N/A	N/A	N/A	43.50	N/A	Horizontal	PASS
317.120	30.57	N/A	N/A	N/A	46.00	N/A	Horizontal	PASS
900.090	38.15	N/A	N/A	N/A	46.00	N/A	Horizontal	PASS
1526.400	47.15	N/A	N/A	74.00	N/A	54.00	Horizontal	PASS
4719.040	45.68	N/A	N/A	74.00	N/A	54.00	Horizontal	PASS
11867.720	46.74	N/A	N/A	74.00	N/A	54.00	Horizontal	PASS

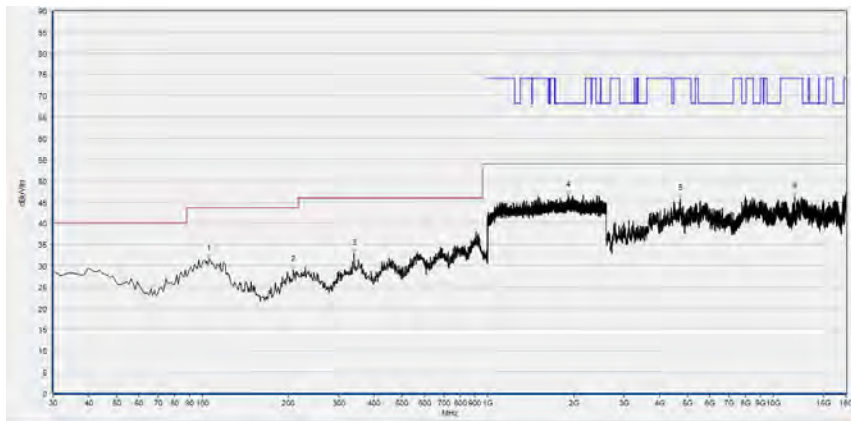
(Antenna Horizontal, 30MHz to 18GHz)



Fre. (MHz)	PK (dBµV/m)	QP (dBµV/m)	AV (dBµV/m)	Limit-PK (dBµV/m)	Limit-QP (dBµV/m)	Limit-AV (dBµV/m)	Antenna	Verdict
107.600	32.06	N/A	N/A	N/A	43.50	N/A	Vertical	PASS
218.180	29.21	N/A	N/A	N/A	46.00	N/A	Vertical	PASS
703.180	35.08	N/A	N/A	N/A	46.00	N/A	Vertical	PASS
2415.467	47.06	N/A	N/A	68.23	N/A	N/A	Vertical	PASS
5760.080	45.93	N/A	N/A	68.23	N/A	N/A	Vertical	PASS
12499.120	46.68	N/A	N/A	74.00	N/A	54.00	Vertical	PASS

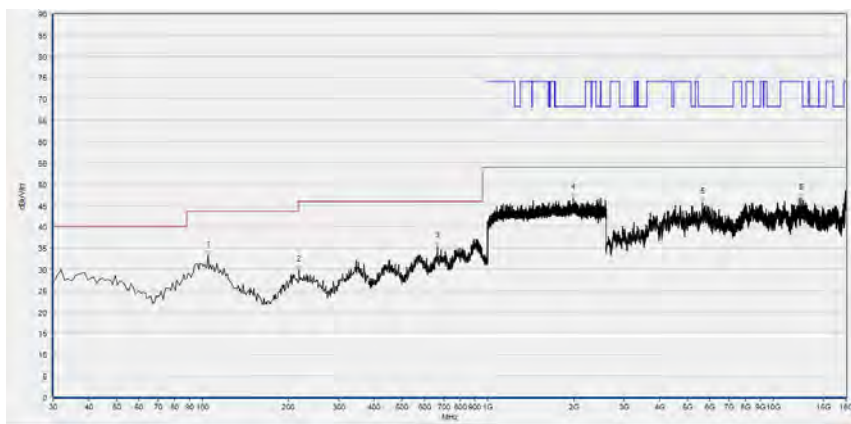
(Antenna Vertical, 30MHz to 18GHz)

Plot for Channel 58



Fre. (MHz)	PK (dBµV/m)	QP (dBµV/m)	AV (dBµV/m)	Limit-PK (dBµV/m)	Limit-QP (dBµV/m)	Limit-AV (dBµV/m)	Antenna	Verdict
105.660	31.51	N/A	N/A	N/A	43.50	N/A	Horizontal	PASS
208.480	29.04	N/A	N/A	N/A	43.50	N/A	Horizontal	PASS
340.400	32.80	N/A	N/A	N/A	46.00	N/A	Horizontal	PASS
1915.733	46.53	N/A	N/A	68.23	N/A	N/A	Horizontal	PASS
4715.960	45.77	N/A	N/A	74.00	N/A	54.00	Horizontal	PASS
11889.280	46.23	N/A	N/A	74.00	N/A	54.00	Horizontal	PASS

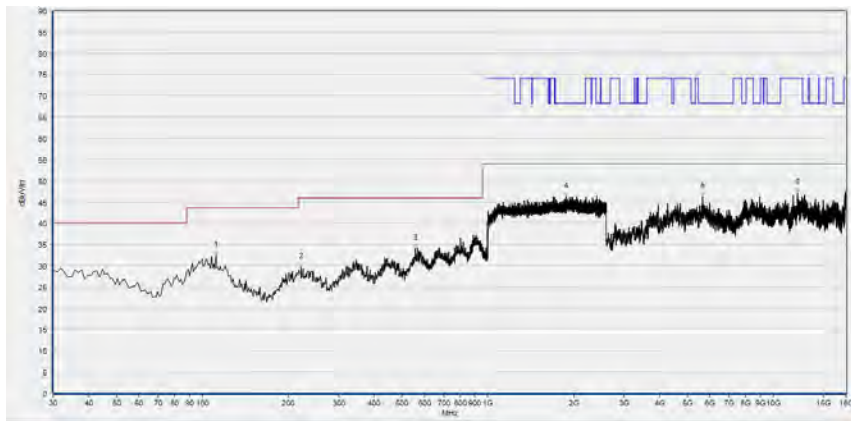
(Antenna Horizontal, 30MHz to 18GHz)



Fre. (MHz)	PK (dBµV/m)	QP (dBµV/m)	AV (dBµV/m)	Limit-PK (dBµV/m)	Limit-QP (dBµV/m)	Limit-AV (dBµV/m)	Antenna	Verdict
104.690	33.41	N/A	N/A	N/A	43.50	N/A	Vertical	PASS
218.180	29.82	N/A	N/A	N/A	46.00	N/A	Vertical	PASS
666.320	35.30	N/A	N/A	N/A	46.00	N/A	Vertical	PASS
1989.333	46.76	N/A	N/A	68.23	N/A	N/A	Vertical	PASS
5649.200	45.71	N/A	N/A	68.23	N/A	N/A	Vertical	PASS
12548.400	46.83	N/A	N/A	74.00	N/A	54.00	Vertical	PASS

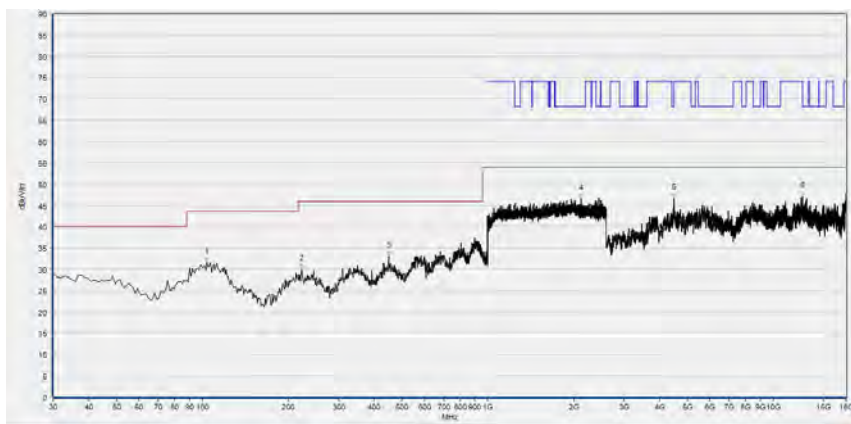
(Antenna Vertical, 30MHz to 18GHz)

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
111.480	32.32	N/A	N/A	N/A	43.50	N/A	Horizontal	PASS
222.060	29.63	N/A	N/A	N/A	46.00	N/A	Horizontal	PASS
556.710	33.98	N/A	N/A	N/A	46.00	N/A	Horizontal	PASS
1882.133	46.19	N/A	N/A	68.23	N/A	N/A	Horizontal	PASS
5655.360	46.25	N/A	N/A	68.23	N/A	N/A	Horizontal	PASS
12151.080	47.16	N/A	N/A	74.00	N/A	54.00	Horizontal	PASS

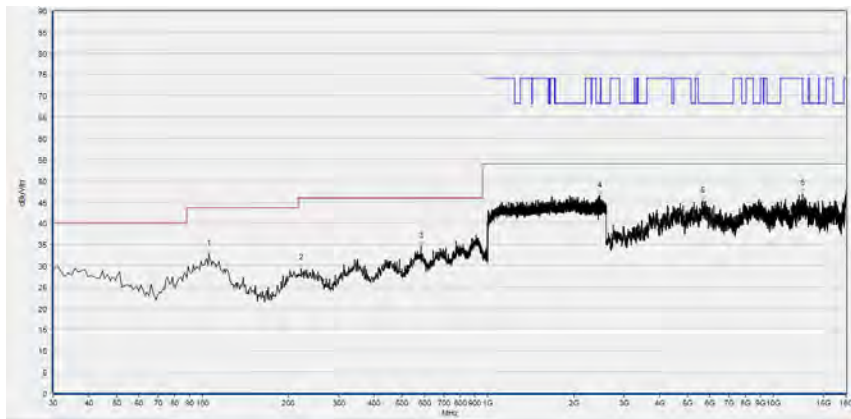
(Antenna Horizontal, 30MHz to 18GHz)



Fre. (MHz)	PK (dBμV/m)	QP (dBμV/m)	AV (dBμV/m)	Limit-PK (dBμV/m)	Limit-QP (dBμV/m)	Limit-AV (dBμV/m)	Antenna	Verdict
103.720	31.72	N/A	N/A	N/A	43.50	N/A	Vertical	PASS
223.030	30.02	N/A	N/A	N/A	46.00	N/A	Vertical	PASS
449.040	33.02	N/A	N/A	N/A	46.00	N/A	Vertical	PASS
2117.333	46.64	N/A	N/A	68.23	N/A	N/A	Vertical	PASS
4484.960	46.72	N/A	N/A	68.23	N/A	N/A	Vertical	PASS
12677.760	47.10	N/A	N/A	74.00	N/A	54.00	Vertical	PASS

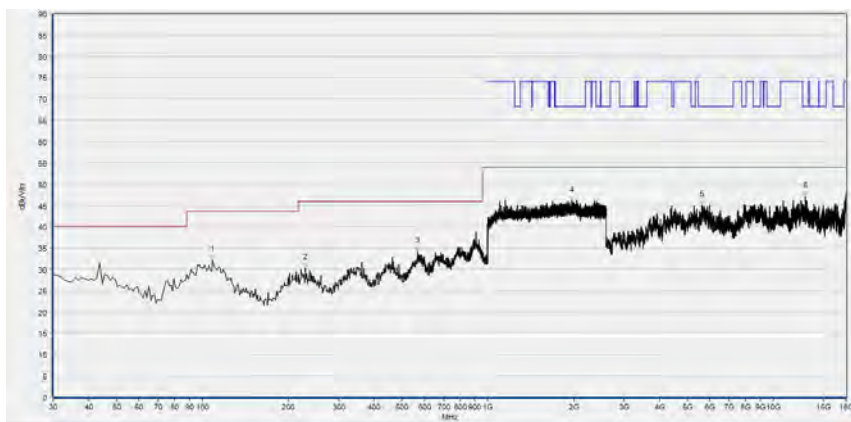
(Antenna Vertical, 30MHz to 18GHz)

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
105.660	32.72	N/A	N/A	N/A	43.50	N/A	Horizontal	PASS
222.060	29.41	N/A	N/A	N/A	46.00	N/A	Horizontal	PASS
581.930	34.55	N/A	N/A	N/A	46.00	N/A	Horizontal	PASS
2458.667	46.41	N/A	N/A	68.23	N/A	N/A	Horizontal	PASS
5664.600	45.23	N/A	N/A	68.23	N/A	N/A	Horizontal	PASS
12683.920	46.85	N/A	N/A	74.00	N/A	54.00	Horizontal	PASS

(Antenna Horizontal, 30MHz to 18GHz)

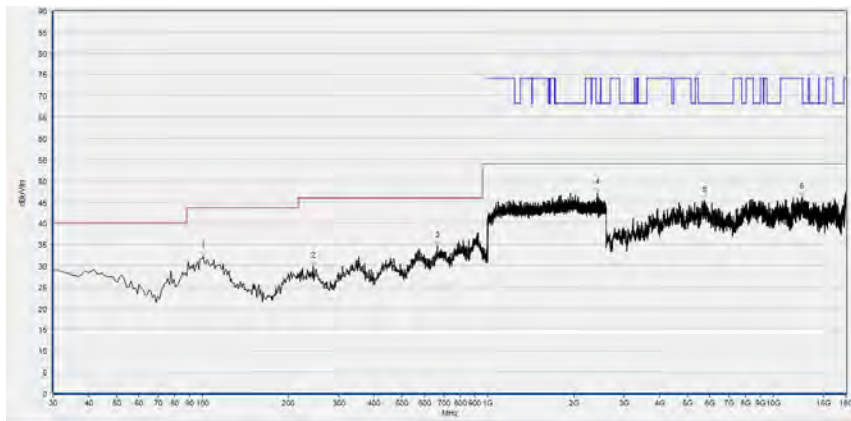


Fre. (MHz)	PK (dBµV/m)	QP (dBµV/m)	AV (dBµV/m)	Limit-PK (dBµV/m)	Limit-QP (dBµV/m)	Limit-AV (dBµV/m)	Antenna	Verdict
108.570	32.25	N/A	N/A	N/A	43.50	N/A	Vertical	PASS
229.820	30.37	N/A	N/A	N/A	46.00	N/A	Vertical	PASS
568.350	34.13	N/A	N/A	N/A	46.00	N/A	Vertical	PASS
1966.933	46.04	N/A	N/A	68.23	N/A	N/A	Vertical	PASS
5630.720	45.01	N/A	N/A	68.23	N/A	N/A	Vertical	PASS
12924.160	47.14	N/A	N/A	68.23	N/A	N/A	Vertical	PASS

(Antenna Vertical, 30MHz to 18GHz)

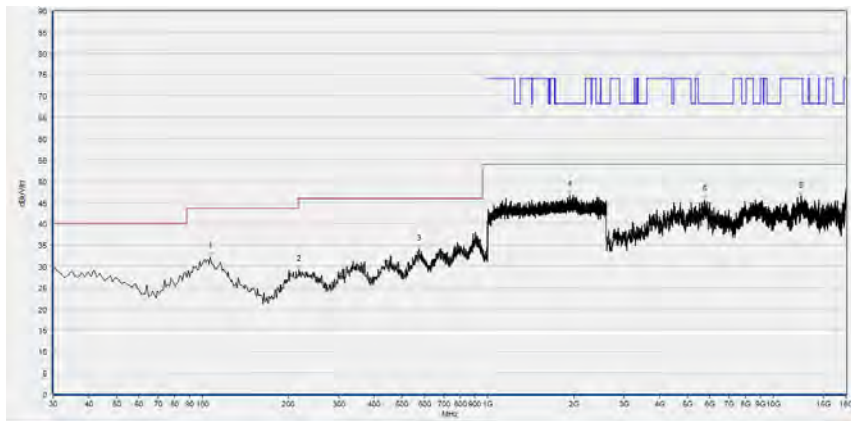


Plot for Channel 138



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
100.810	32.19	N/A	N/A	N/A	43.50	N/A	Horizontal	PASS
244.370	29.88	N/A	N/A	N/A	46.00	N/A	Horizontal	PASS
664.380	34.71	N/A	N/A	N/A	46.00	N/A	Horizontal	PASS
2417.600	47.02	N/A	N/A	68.23	N/A	N/A	Horizontal	PASS
5753.920	45.39	N/A	N/A	68.23	N/A	N/A	Horizontal	PASS
12579.200	46.03	N/A	N/A	74.00	N/A	54.00	Horizontal	PASS

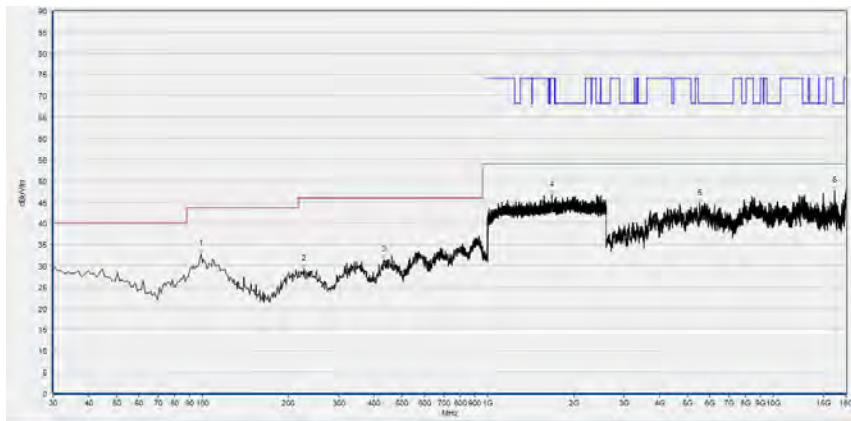
(Antenna Horizontal, 30MHz to 18GHz)



Fre. (MHz)	PK (dBµV/m)	QP (dBµV/m)	AV (dBµV/m)	Limit-PK (dBµV/m)	Limit-QP (dBµV/m)	Limit-AV (dBµV/m)	Antenna	Verdict
106.630	32.22	N/A	N/A	N/A	43.50	N/A	Vertical	PASS
218.180	29.08	N/A	N/A	N/A	46.00	N/A	Vertical	PASS
575.140	33.99	N/A	N/A	N/A	46.00	N/A	Vertical	PASS
1936.000	46.77	N/A	N/A	68.23	N/A	N/A	Vertical	PASS
5766.240	45.65	N/A	N/A	68.23	N/A	N/A	Vertical	PASS
12492.960	46.51	N/A	N/A	74.00	N/A	54.00	Vertical	PASS

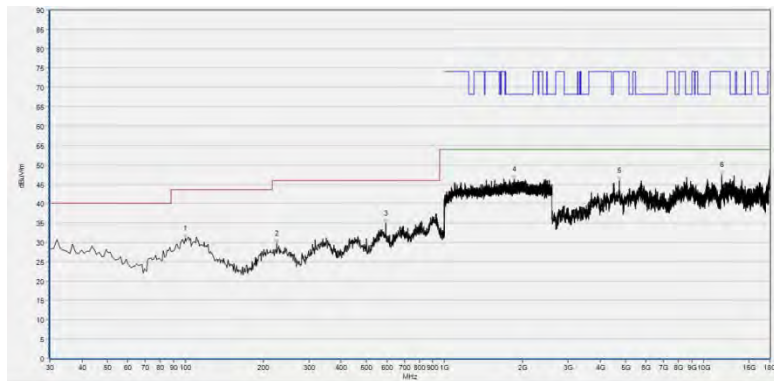
(Antenna Vertical, 30MHz to 18GHz)

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
98.870	32.74	N/A	N/A	N/A	43.50	N/A	Horizontal	PASS
226.910	29.19	N/A	N/A	N/A	46.00	N/A	Horizontal	PASS
431.580	31.40	N/A	N/A	N/A	46.00	N/A	Horizontal	PASS
1672.533	46.64	N/A	N/A	74.00	N/A	54.00	Horizontal	PASS
5529.080	44.58	N/A	N/A	68.23	N/A	N/A	Horizontal	PASS
16392.240	47.55	N/A	N/A	68.23	N/A	N/A	Horizontal	PASS

(Antenna Horizontal, 30MHz to 18GHz)



Fre. (MHz)	PK (dBµV/m)	QP (dBµV/m)	AV (dBµV/m)	Limit-PK (dBµV/m)	Limit-QP (dBµV/m)	Limit-AV (dBµV/m)	Antenna	Verdict
99.840	31.08	N/A	N/A	N/A	43.50	N/A	Vertical	PASS
224.970	29.60	N/A	N/A	N/A	46.00	N/A	Vertical	PASS
593.570	34.86	N/A	N/A	N/A	46.00	N/A	Vertical	PASS
1859.733	46.29	N/A	N/A	68.23	N/A	N/A	Vertical	PASS
4722.120	45.91	N/A	N/A	74.00	N/A	54.00	Vertical	PASS
11747.600	47.39	N/A	N/A	74.00	N/A	54.00	Vertical	PASS

(Antenna Vertical, 30MHz to 18GHz)

————— END OF REPORT —————

