



Test Graphs

PSD NVNT a 5180MHz Ant1 SISO



PSD NVNT a 5180MHz Ant2 SISO



PSD NVNT a 5220MHz Ant1 SISO



PSD NVNT a 5220MHz Ant2 SISO



PSD NVNT a 5240MHz Ant1 SISO



PSD NVNT a 5240MHz Ant2 SISO



PSD NVNT a 5745MHz Ant1 SISO



PSD NVNT a 5745MHz Ant2 SISO



PSD NVNT a 5785MHz Ant1 SISO



PSD NVNT a 5785MHz Ant2 SISO



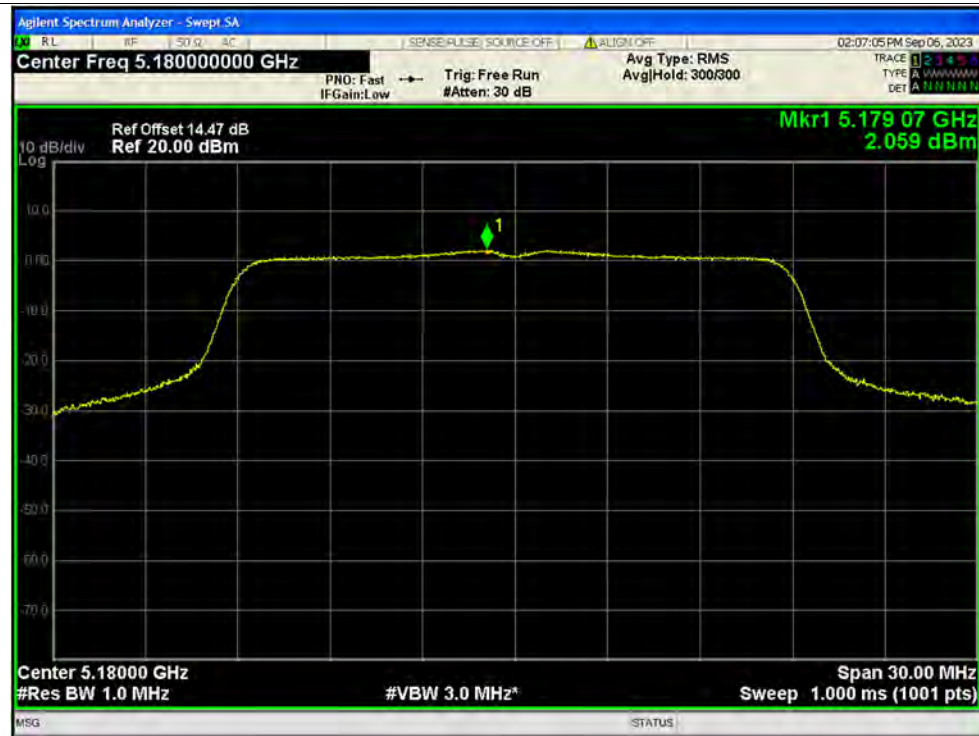
PSD NVNT a 5825MHz Ant1 SISO



PSD NVNT a 5825MHz Ant2 SISO



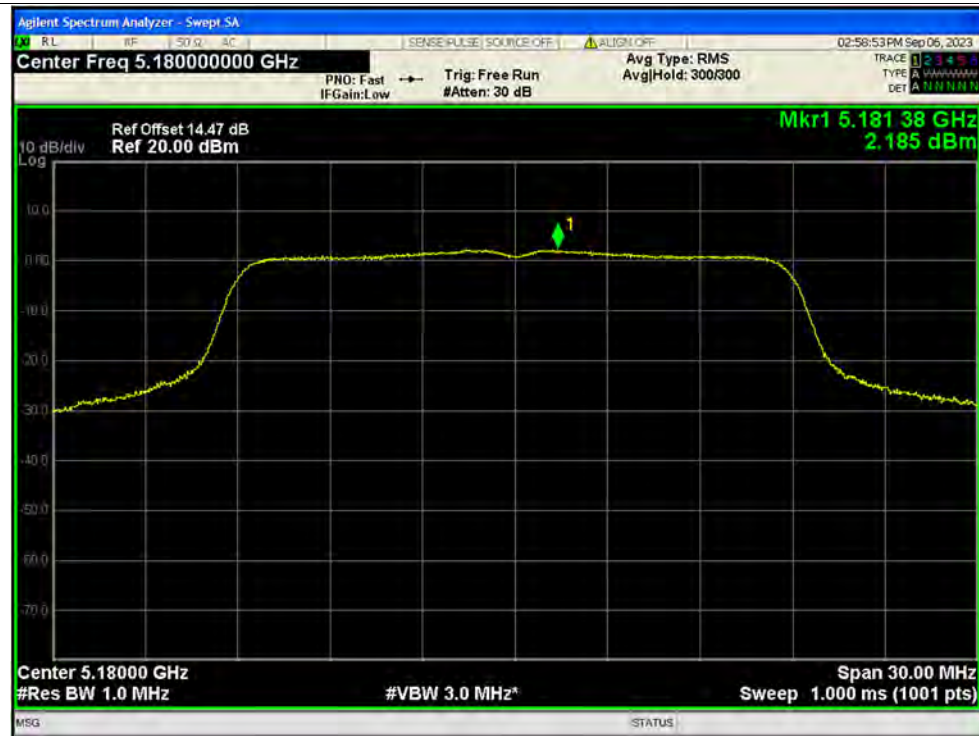
PSD NVNT n20 5180MHz Ant1 SISO



PSD NVNT n20 5180MHz Ant2 SISO



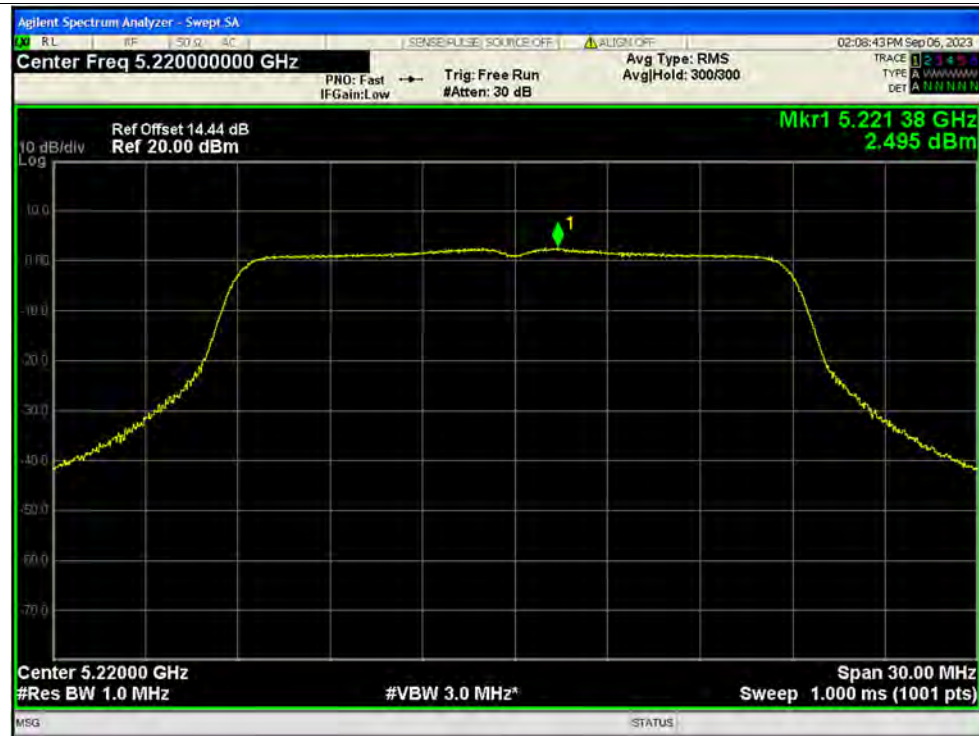
PSD NVNT n20 5180MHz Ant1 MIMO



PSD NVNT n20 5180MHz Ant2 MIMO



PSD NVNT n20 5220MHz Ant1 SISO



PSD NVNT n20 5220MHz Ant2 SISO



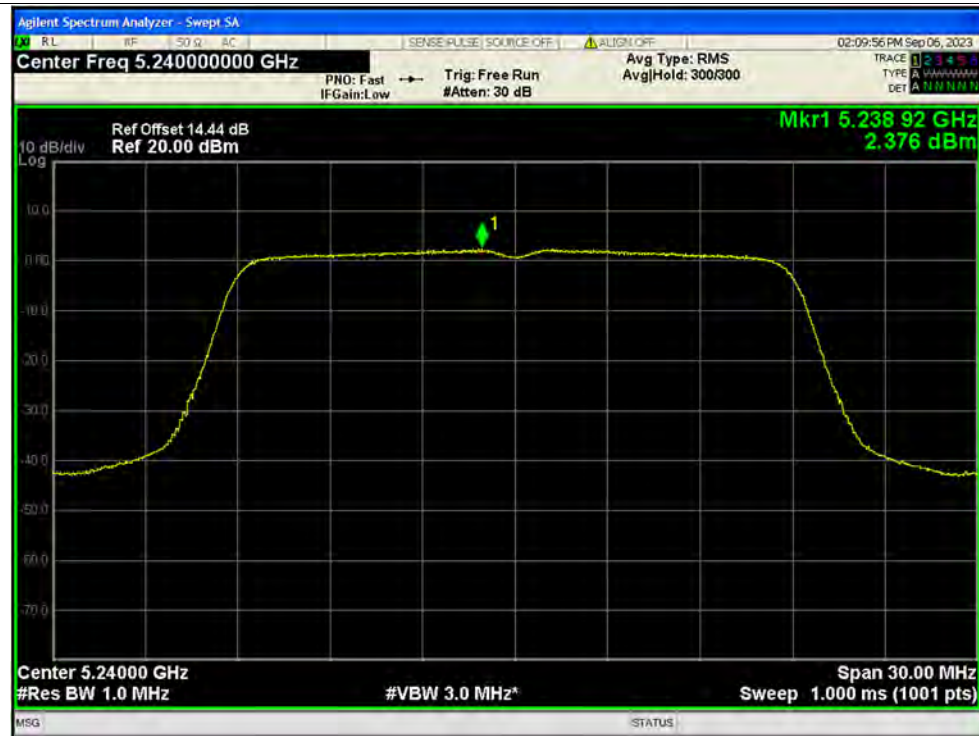
PSD NVNT n20 5220MHz Ant1 MIMO



PSD NVNT n20 5220MHz Ant2 MIMO



PSD NVNT n20 5240MHz Ant1 SISO



PSD NVNT n20 5240MHz Ant2 SISO



PSD NVNT n20 5240MHz Ant1 MIMO



PSD NVNT n20 5240MHz Ant2 MIMO



PSD NVNT n20 5745MHz Ant1 SISO



PSD NVNT n20 5745MHz Ant2 SISO



PSD NVNT n20 5745MHz Ant1 MIMO



PSD NVNT n20 5745MHz Ant2 MIMO



PSD NVNT n20 5785MHz Ant1 SISO



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PSD NVNT n20 5825MHz Ant1 SISO



PSD NVNT n20 5825MHz Ant2 SISO



PSD NVNT n20 5825MHz Ant1 MIMO



PSD NVNT n20 5825MHz Ant2 MIMO



PSD NVNT n40 5190MHz Ant1 SISO



PSD NVNT n40 5190MHz Ant2 SISO



PSD NVNT n40 5190MHz Ant1 MIMO



PSD NVNT n40 5190MHz Ant2 MIMO



PSD NVNT n40 5230MHz Ant1 SISO



PSD NVNT n40 5230MHz Ant2 SISO



PSD NVNT n40 5230MHz Ant1 MIMO



PSD NVNT n40 5230MHz Ant2 MIMO



PSD NVNT n40 5755MHz Ant1 SISO



PSD NVNT n40 5755MHz Ant2 SISO



PSD NVNT n40 5755MHz Ant1 MIMO



PSD NVNT n40 5755MHz Ant2 MIMO



PSD NVNT n40 5795MHz Ant1 SISO



PSD NVNT n40 5795MHz Ant2 SISO



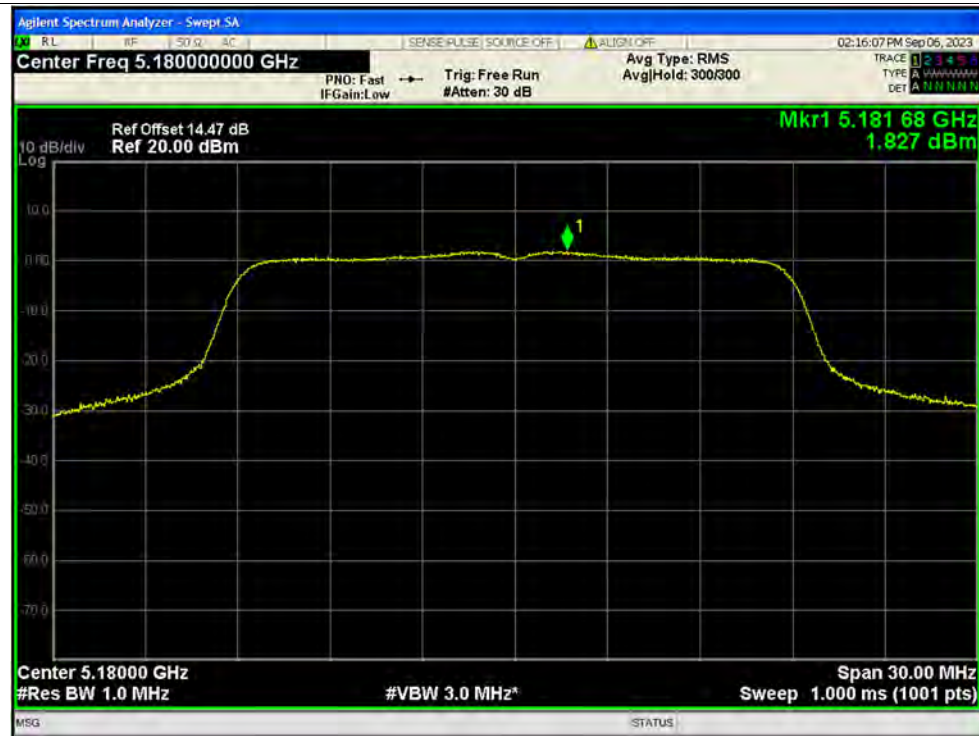
PSD NVNT n40 5795MHz Ant1 MIMO



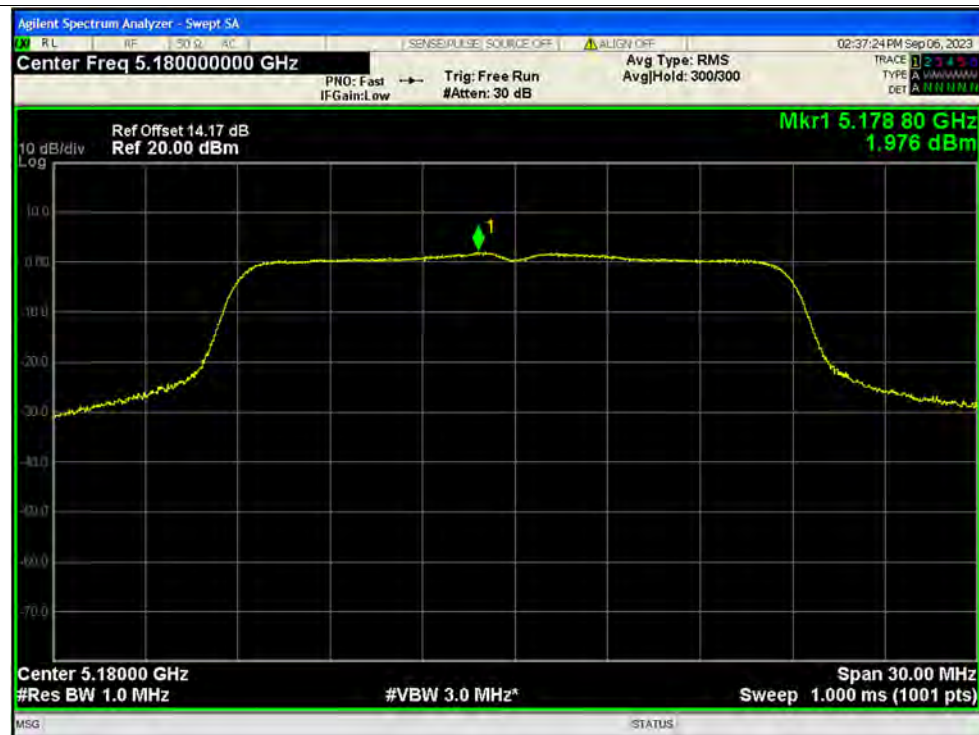
PSD NVNT n40 5795MHz Ant2 MIMO



PSD NVNT ac20 5180MHz Ant1 SISO

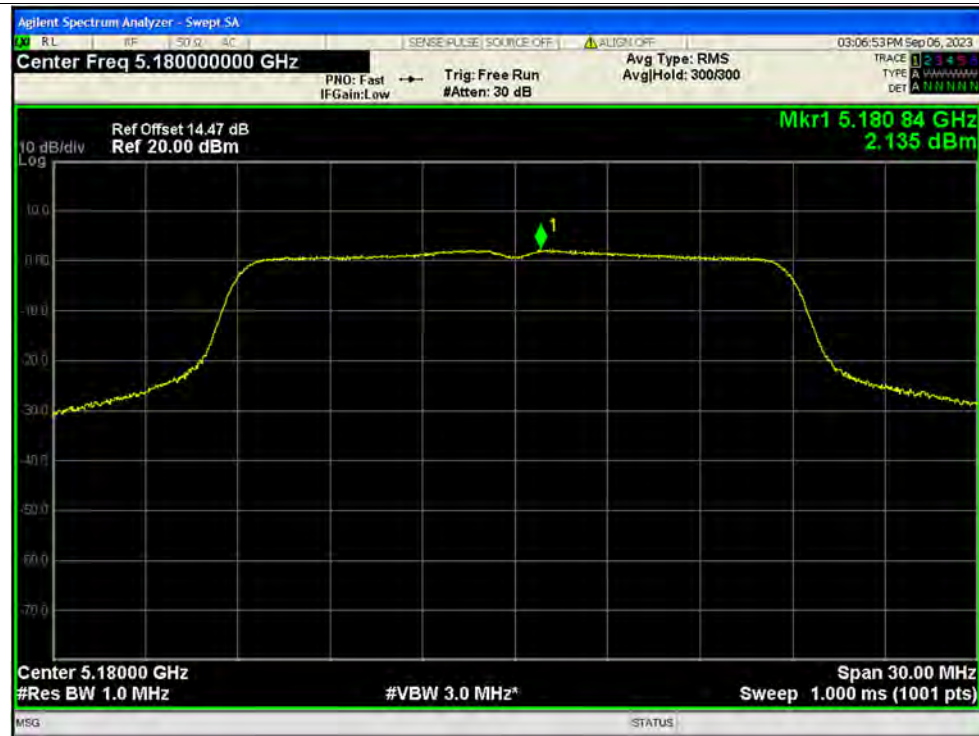


PSD NVNT ac20 5180MHz Ant2 SISO





PSD NVNT ac20 5180MHz Ant1 MIMO

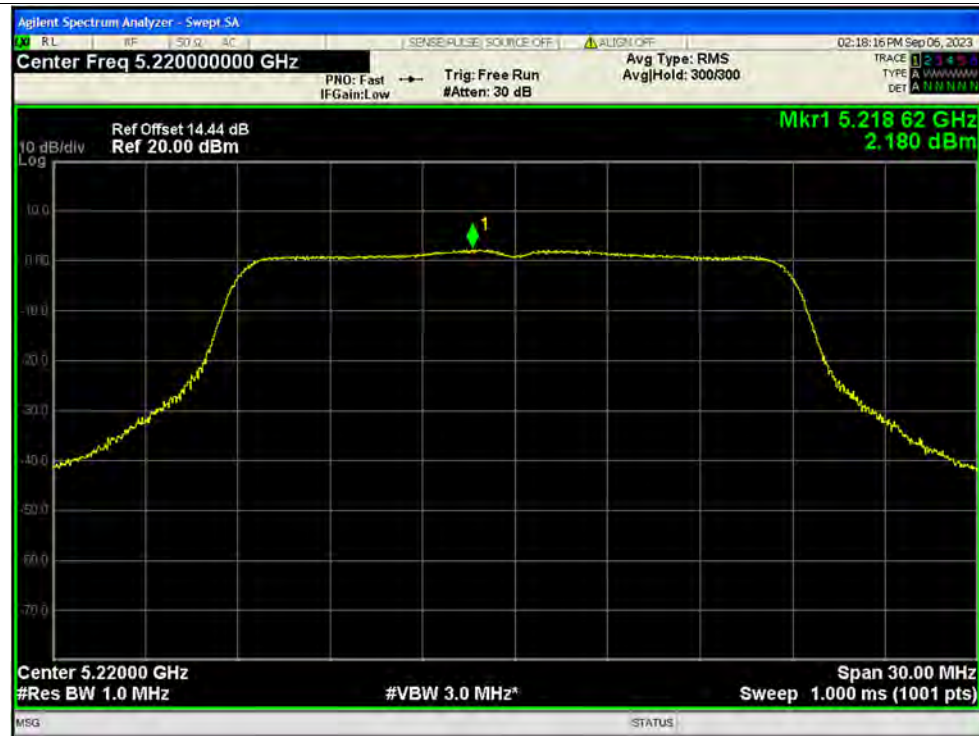


PSD NVNT ac20 5180MHz Ant2 MIMO





PSD NVNT ac20 5220MHz Ant1 SISO



PSD NVNT ac20 5220MHz Ant2 SISO



PSD NVNT ac20 5220MHz Ant1 MIMO



PSD NVNT ac20 5220MHz Ant2 MIMO



PSD NVNT ac20 5240MHz Ant1 SISO



PSD NVNT ac20 5240MHz Ant2 SISO



PSD NVNT ac20 5240MHz Ant1 MIMO



PSD NVNT ac20 5240MHz Ant2 MIMO



PSD NVNT ac20 5745MHz Ant1 SISO



PSD NVNT ac20 5745MHz Ant2 SISO



PSD NVNT ac20 5745MHz Ant1 MIMO



PSD NVNT ac20 5745MHz Ant2 MIMO



PSD NVNT ac20 5785MHz Ant1 SISO



PSD NVNT ac20 5785MHz Ant2 SISO



PSD NVNT ac20 5785MHz Ant1 MIMO



PSD NVNT ac20 5785MHz Ant2 MIMO



PSD NVNT ac20 5825MHz Ant1 SISO



PSD NVNT ac20 5825MHz Ant2 SISO



PSD NVNT ac20 5825MHz Ant1 MIMO



PSD NVNT ac20 5825MHz Ant2 MIMO



PSD NVNT ac40 5190MHz Ant1 SISO



PSD NVNT ac40 5190MHz Ant2 SISO





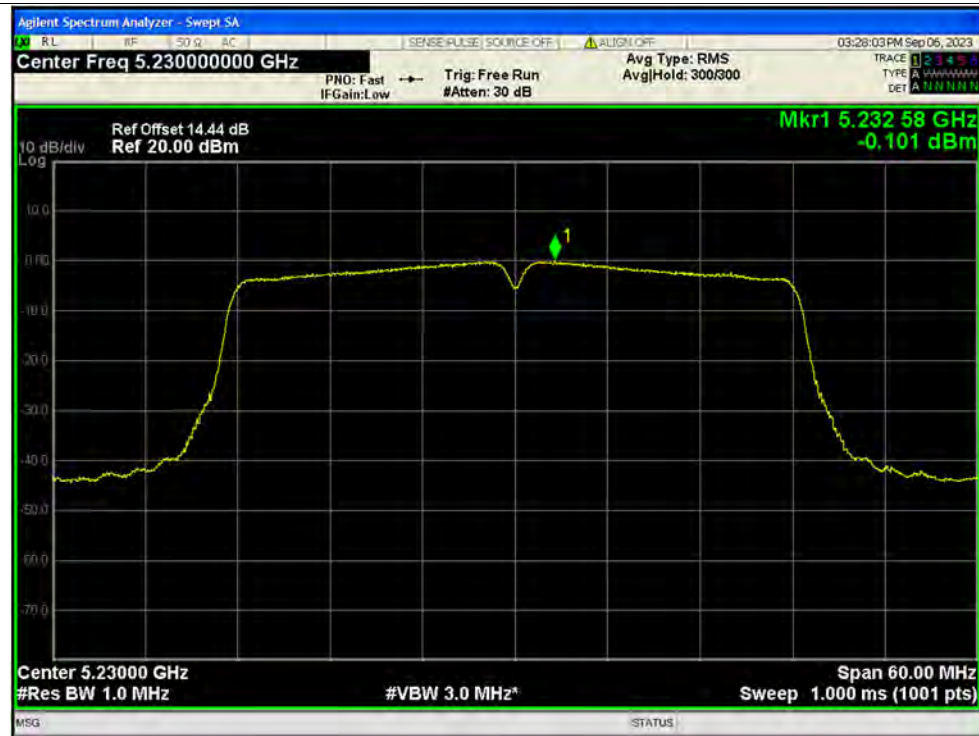
PSD NVNT ac40 5190MHz Ant1 MIMO



PSD NVNT ac40 5190MHz Ant2 MIMO



PSD NVNT ac40 5230MHz Ant1 SISO



PSD NVNT ac40 5230MHz Ant2 SISO



PSD NVNT ac40 5230MHz Ant1 MIMO



PSD NVNT ac40 5230MHz Ant2 MIMO



PSD NVNT ac40 5755MHz Ant1 SISO



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PSD NVNT ac40 5795MHz Ant1 MIMO



PSD NVNT ac40 5795MHz Ant2 MIMO



PSD NVNT ac80 5210MHz Ant1 SISO



PSD NVNT ac80 5210MHz Ant2 SISO



PSD NVNT ac80 5210MHz Ant1 MIMO



PSD NVNT ac80 5210MHz Ant2 MIMO



PSD NVNT ac80 5775MHz Ant1 SISO



PSD NVNT ac80 5775MHz Ant2 SISO



PSD NVNT ac80 5775MHz Ant1 MIMO



PSD NVNT ac80 5775MHz Ant2 MIMO



PSD NVNT ax20 5180MHz Ant1 SISO



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PSD NVNT ax20 5180MHz Ant1 MIMO



PSD NVNT ax20 5180MHz Ant2 MIMO



PSD NVNT ax20 5220MHz Ant1 SISO



PSD NVNT ax20 5220MHz Ant2 SISO



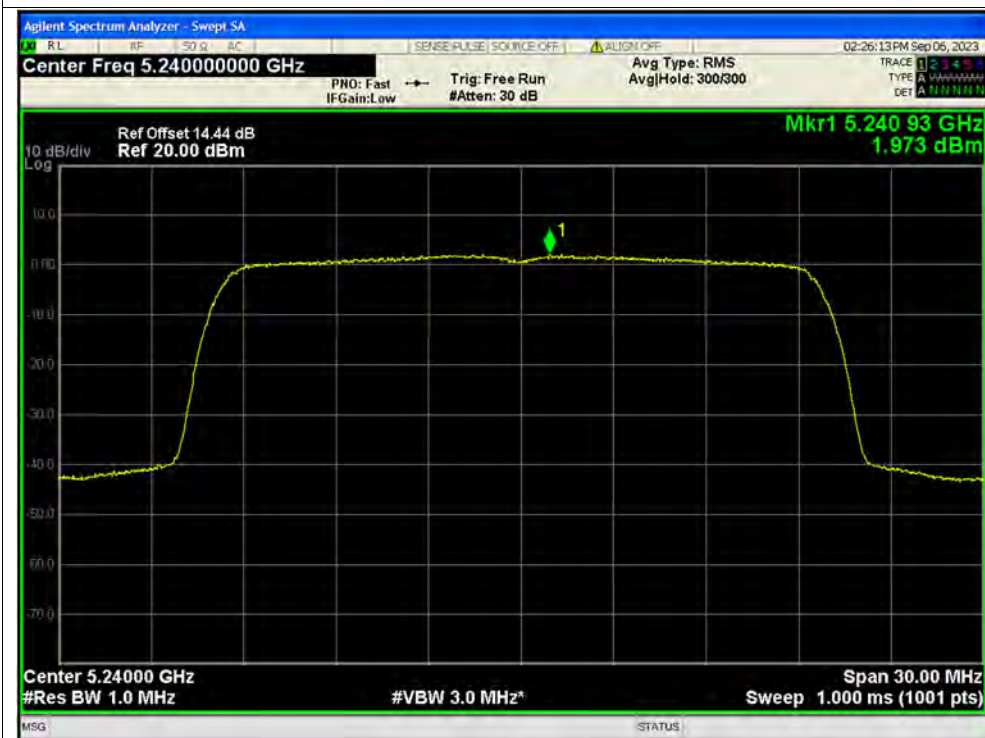
PSD NVNT ax20 5220MHz Ant1 MIMO



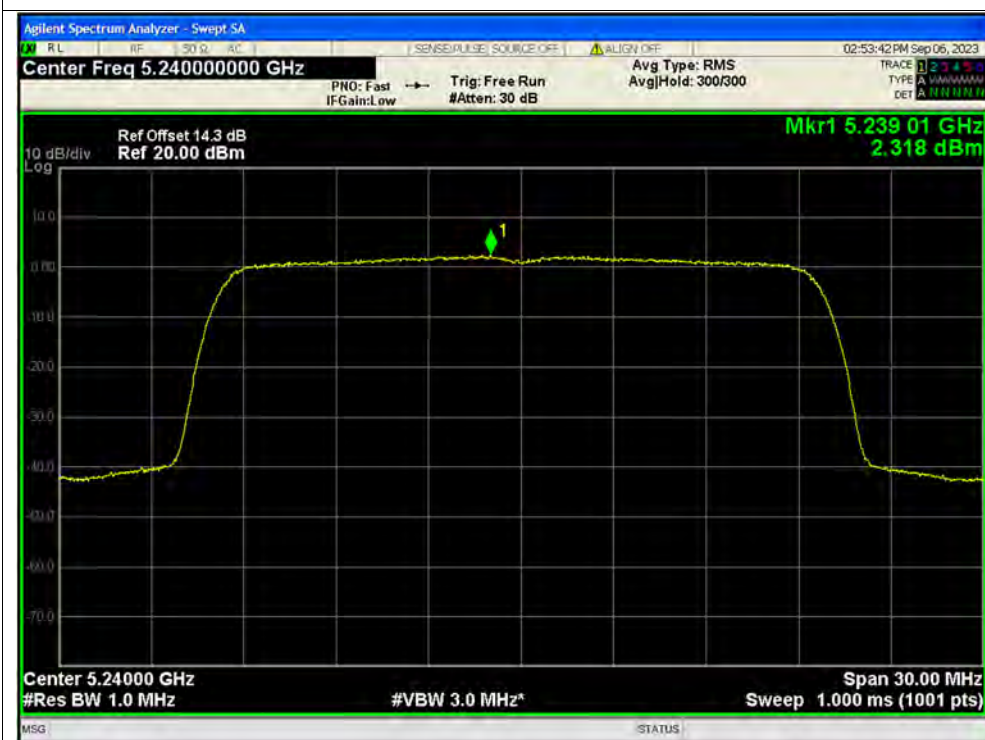
PSD NVNT ax20 5220MHz Ant2 MIMO



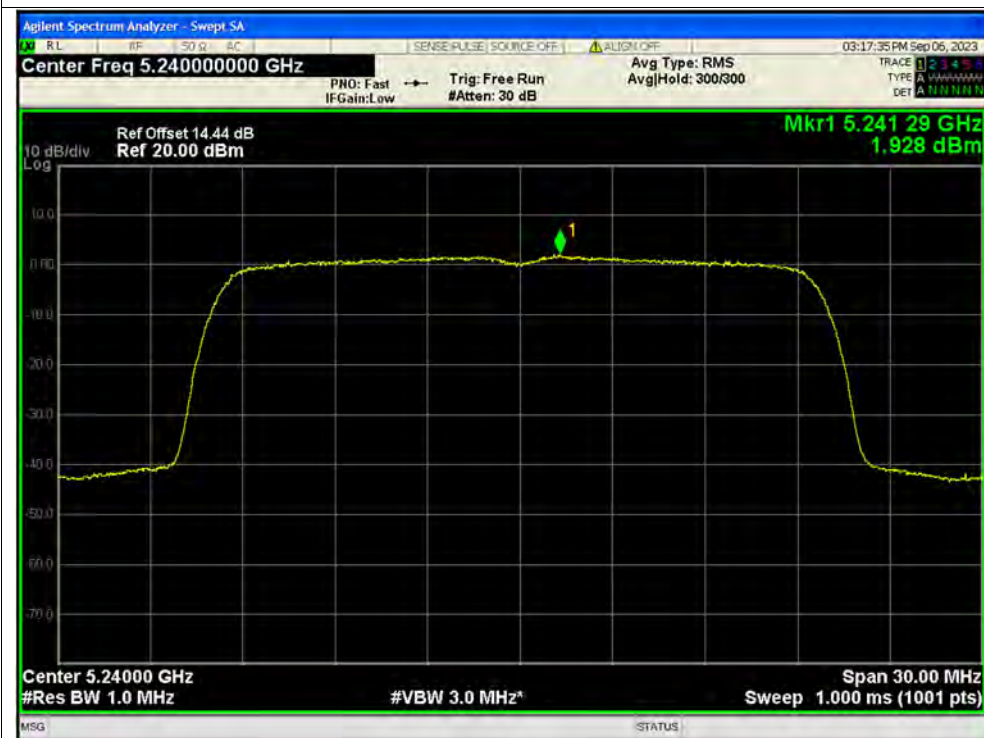
PSD NVNT ax20 5240MHz Ant1 SISO



PSD NVNT ax20 5240MHz Ant2 SISO



PSD NVNT ax20 5240MHz Ant1 MIMO



PSD NVNT ax20 5240MHz Ant2 MIMO



PSD NVNT ax20 5745MHz Ant1 SISO



PSD NVNT ax20 5745MHz Ant2 SISO



PSD NVNT ax20 5745MHz Ant1 MIMO



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PSD NVNT ax20 5825MHz Ant2 MIMO



PSD NVNT ax40 5190MHz Ant1 SISO



PSD NVNT ax40 5190MHz Ant2 SISO



PSD NVNT ax40 5190MHz Ant1 MIMO



PSD NVNT ax40 5190MHz Ant2 MIMO



PSD NVNT ax40 5230MHz Ant1 SISO



PSD NVNT ax40 5230MHz Ant2 SISO



PSD NVNT ax40 5230MHz Ant1 MIMO



PSD NVNT ax40 5230MHz Ant2 MIMO



PSD NVNT ax40 5755MHz Ant1 SISO



PSD NVNT ax40 5755MHz Ant2 SISO



PSD NVNT ax40 5755MHz Ant1 MIMO



PSD NVNT ax40 5755MHz Ant2 MIMO



PSD NVNT ax40 5795MHz Ant1 SISO



PSD NVNT ax40 5795MHz Ant2 SISO





PSD NVNT ax40 5795MHz Ant1 MIMO



PSD NVNT ax40 5795MHz Ant2 MIMO



PSD NVNT ax80 5210MHz Ant1 SISO



PSD NVNT ax80 5210MHz Ant2 SISO



PSD NVNT ax80 5210MHz Ant1 MIMO



PSD NVNT ax80 5210MHz Ant2 MIMO



PSD NVNT ax80 5775MHz Ant1 SISO



PSD NVNT ax80 5775MHz Ant2 SISO



PSD NVNT ax80 5775MHz Ant1 MIMO



PSD NVNT ax80 5775MHz Ant2 MIMO



**A.5. Frequency Stability**

Condition	Mode	Frequency (MHz)	Antenna	Measured Frequency (MHz)	Frequency Error(Hz)	Deviation (ppm)	Limit (ppm)	Verdict
20C 4.75V	Carrier	5180	Ant1	5179.986	-14000	-2.7	25	Pass
20C 5V	Carrier	5180	Ant1	5179.987	-13000	-2.51	25	Pass
20C 5.25V	Carrier	5180	Ant1	5179.986	-14000	-2.7	25	Pass
0C 5V	Carrier	5180	Ant1	5179.987	-13000	-2.51	25	Pass
10C 5V	Carrier	5180	Ant1	5179.987	-13000	-2.51	25	Pass
30C 5V	Carrier	5180	Ant1	5179.987	-13000	-2.51	25	Pass
40C 5V	Carrier	5180	Ant1	5179.987	-13000	-2.51	25	Pass
20C 4.75V	Carrier	5745	Ant1	5744.987	-13000	-2.26	25	Pass
20C 5V	Carrier	5745	Ant1	5744.989	-11000	-1.91	25	Pass
20C 5.25V	Carrier	5745	Ant1	5744.988	-12000	-2.09	25	Pass
0C 5V	Carrier	5745	Ant1	5744.988	-12000	-2.09	25	Pass
10C 5V	Carrier	5745	Ant1	5744.989	-11000	-1.91	25	Pass
30C 5V	Carrier	5745	Ant1	5744.99	-10000	-1.74	25	Pass
40C 5V	Carrier	5745	Ant1	5744.99	-10000	-1.74	25	Pass



A.6. 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+USB cable+PC+PC Adapter+Network cable+Flat Cable+Fixed frequency board+5G WIFI

Test voltage: AC 120V/60Hz

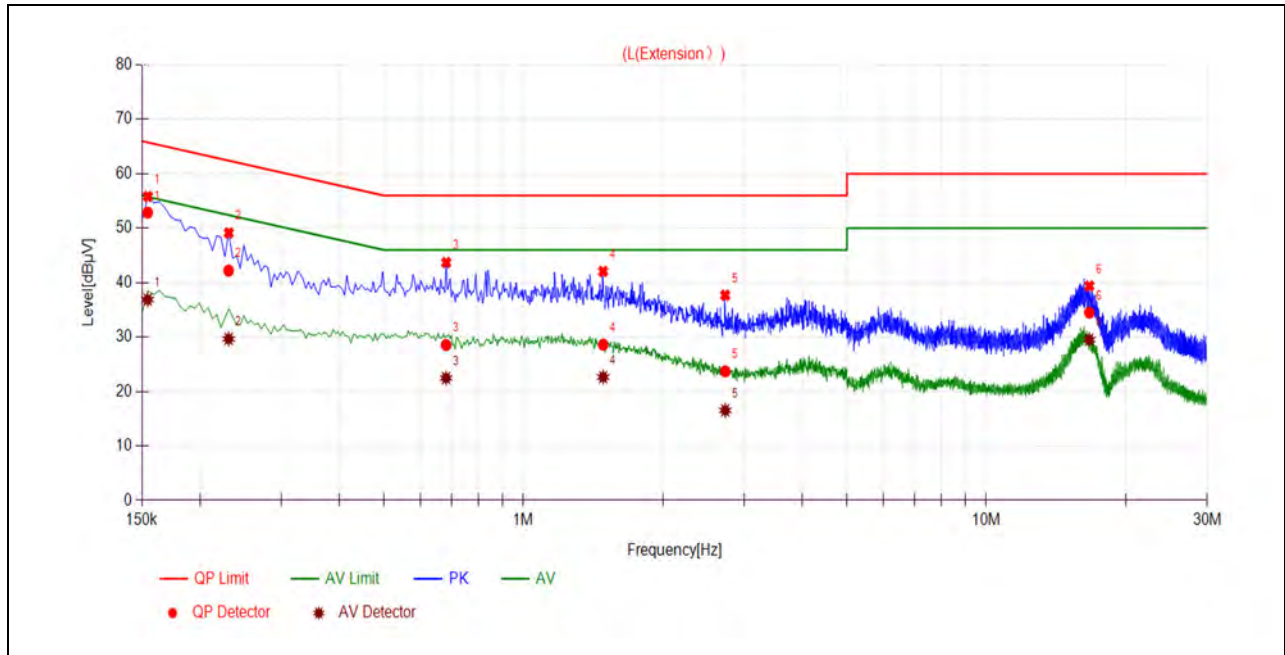
The measurement results are obtained as below:

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

U_R : Receiver Reading

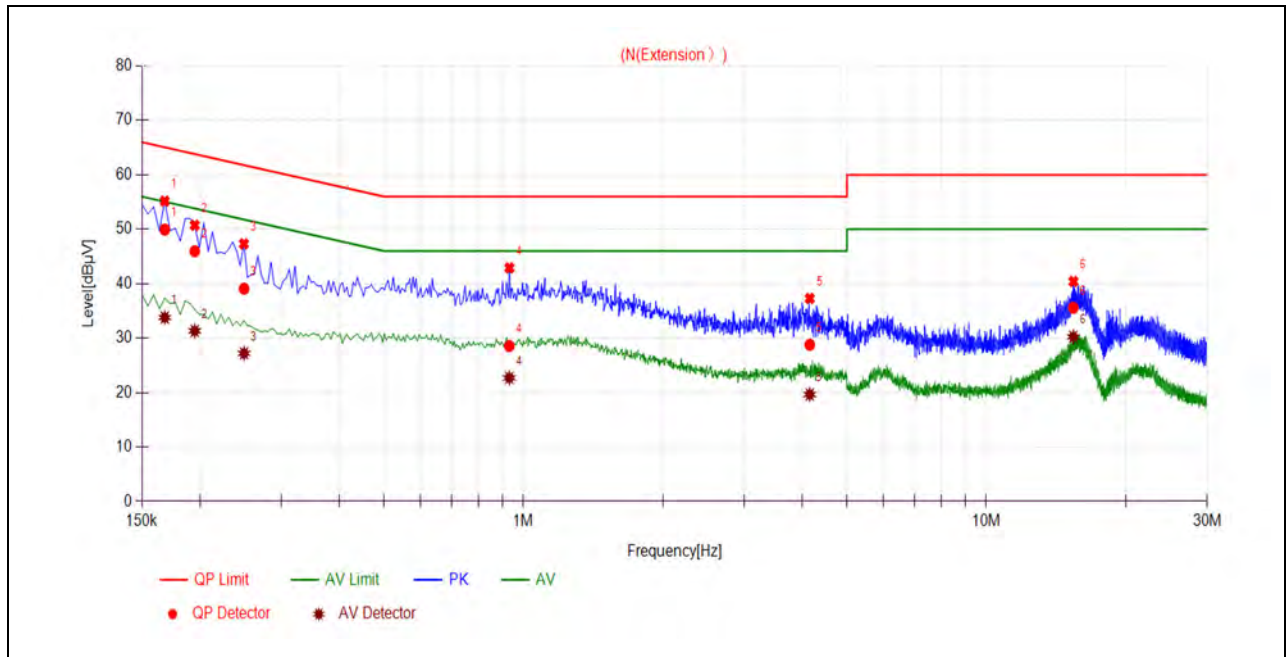
A_{Factor} : Voltage division factor of LISN

B. Test Plot:



(L Phase)

No.	Fre. (MHz)	Emission Level (dBμV)		Limit (dBμV)		Power-line	Verdict
		Quai-peak	Average	Quai-peak	Average		
1	0.1543	52.85	36.89	65.76	55.76	Line	PASS
2	0.2308	42.21	29.67	62.42	52.42		PASS
3	0.6807	28.55	22.47	56.00	46.00		PASS
4	1.4870	28.61	22.66	56.00	46.00		PASS
5	2.7291	23.71	16.53	56.00	46.00		PASS
6	16.6877	34.49	29.54	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	0.1680	49.94	33.79	65.06	55.06	Neutral	PASS
2	0.1950	45.98	31.33	63.82	53.82		PASS
3	0.2492	39.09	27.20	61.79	51.79		PASS
4	0.9323	28.55	22.69	56.00	46.00		PASS
5	4.1546	28.78	19.65	56.00	46.00		PASS
6	15.4135	35.58	30.23	60.00	50.00		PASS



A.7. 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

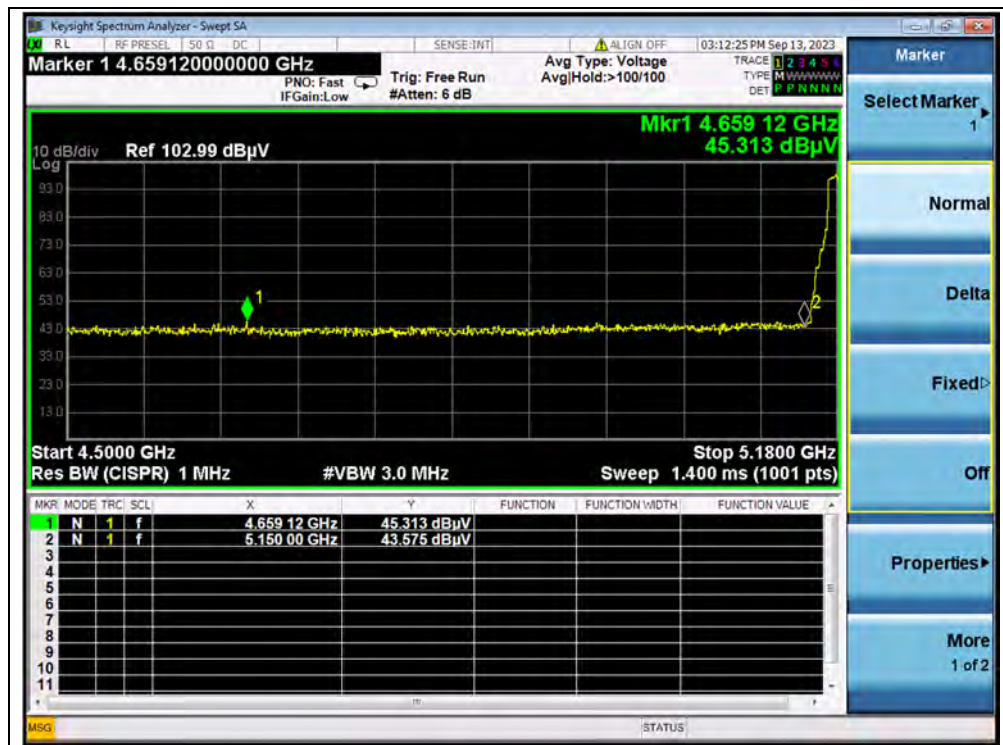
A_{Factor} : Antenna Factor at 3m

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.

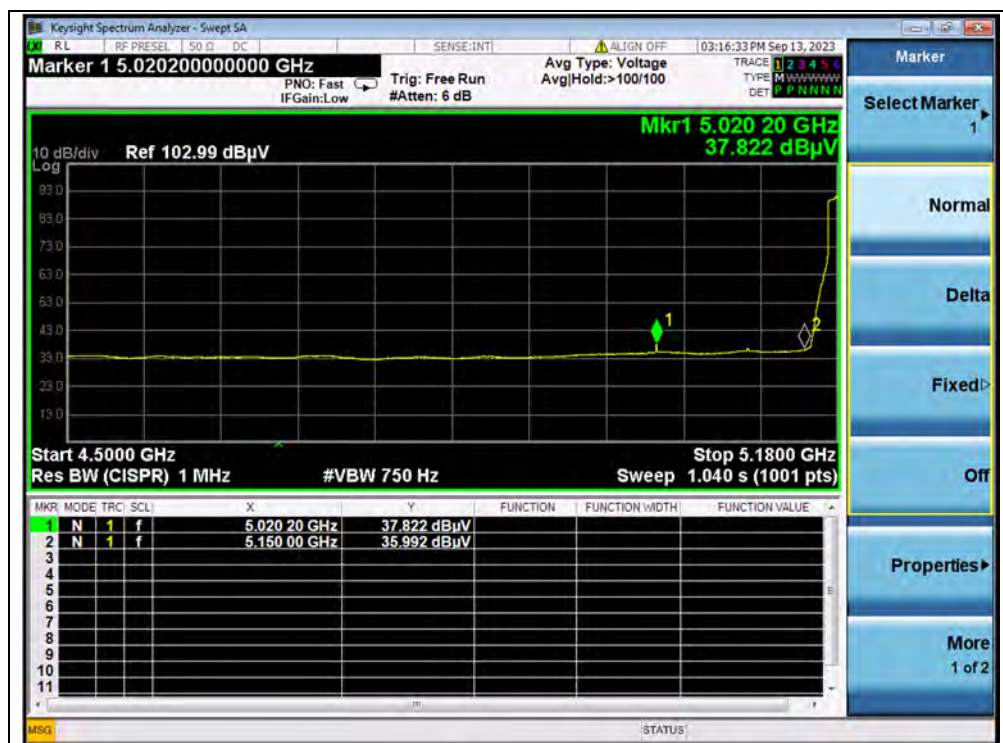
Note 2 All test modes and bandwidth were considered and evaluated respectively by performing full test, only the worst data were recorded for each bandwidth.

802.11a Mode

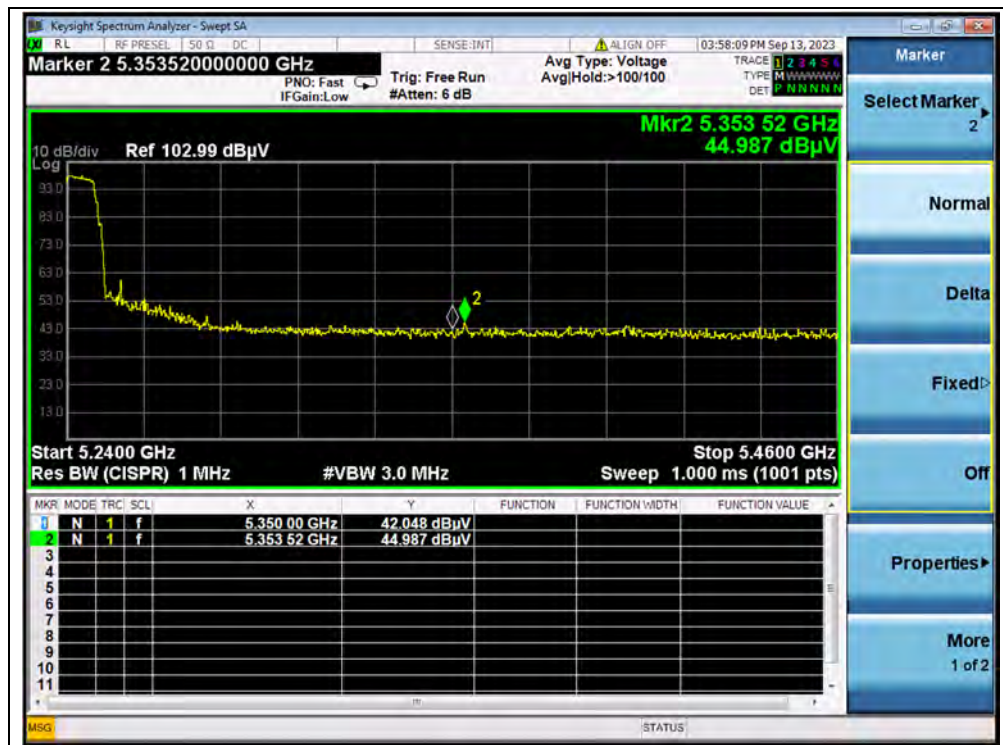
Channel	Frequency (MHz)	Detector	Receiver Reading U_R (dB μ V)	A_T (dB)	A_{Factor} (dB@ 3m)	Max. Emission E (dB μ V/m)	Limit (dB μ V/ m)	Verdict
		PK/ AV						
36	4659.12	PK	45.31	-19.54	32.20	57.97	74	PASS
36	5020.20	AV	37.82	-19.54	32.20	50.48	54	PASS
48	5353.52	PK	44.99	-19.54	32.20	57.65	74	PASS
48	5399.94	AV	35.85	-19.54	32.20	48.51	54	PASS
149	5650.00	PK	43.56	-19.01	32.20	56.75	68.23	PASS
165	5850.00	PK	43.14	-19.01	32.20	56.33	122.23	PASS



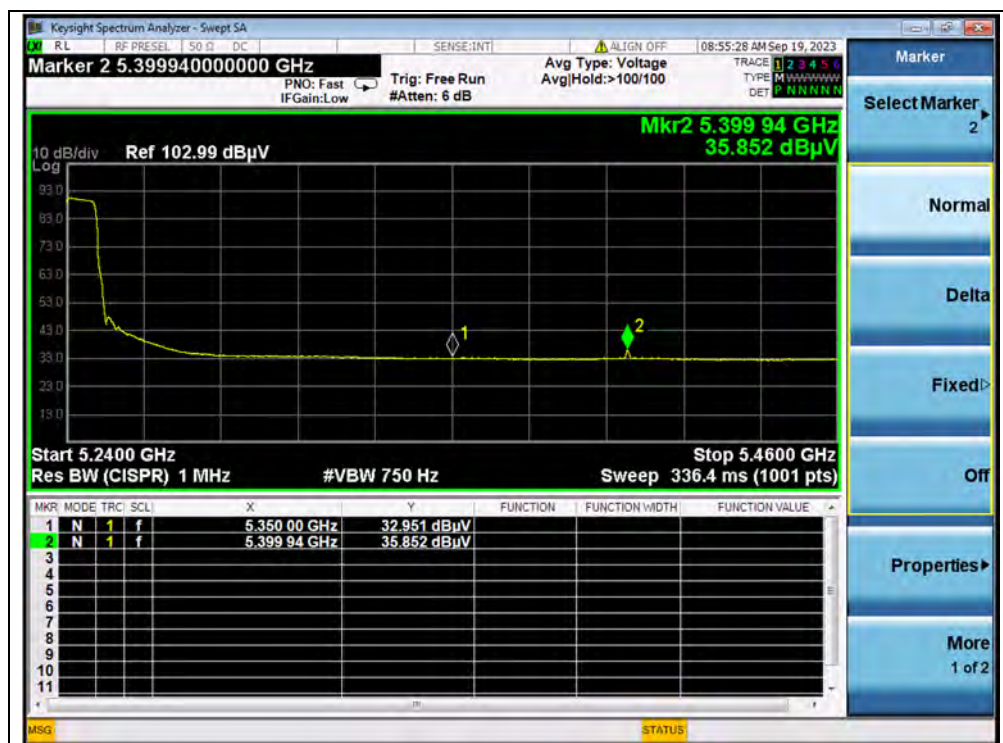
(PEAK, Channel 36, 802.11a)



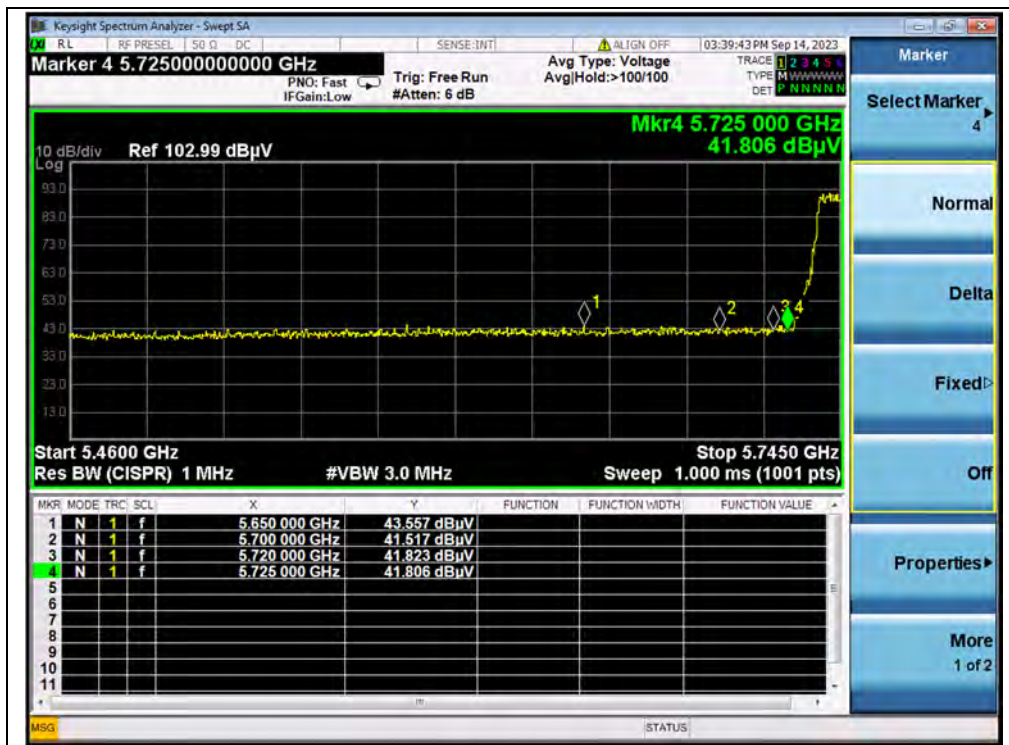
(AVERAGE, Channel 36, 802.11a)



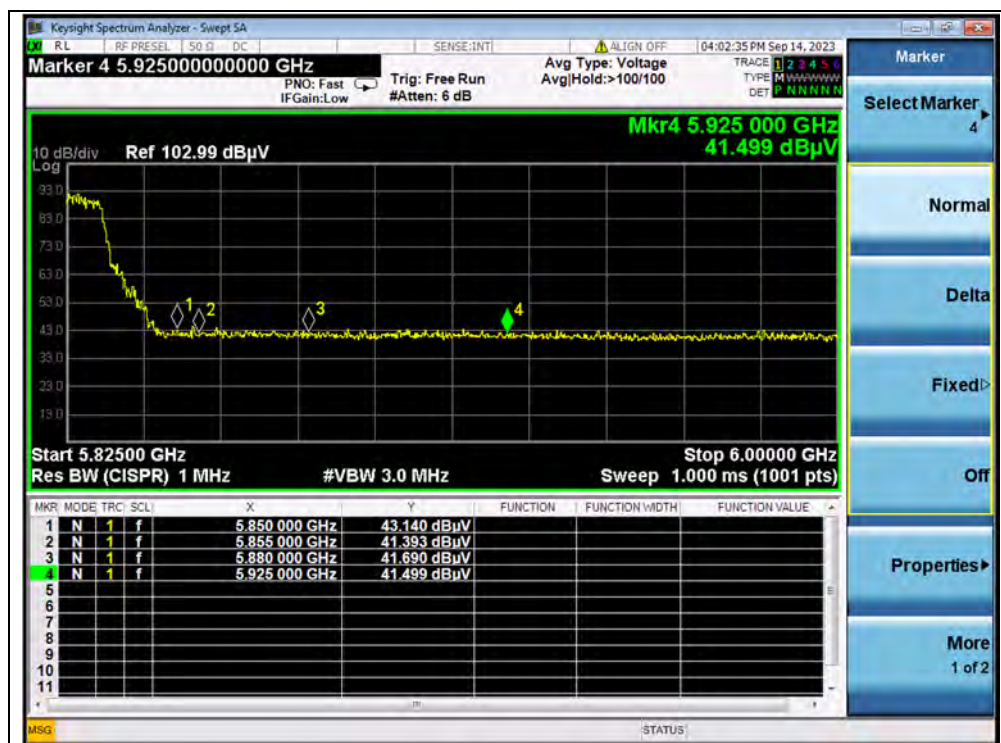
(PEAK, Channel 48, 802.11a)



(AVERAGE, Channel 48, 802.11a)



(PEAK, Channel 149, 802.11a)

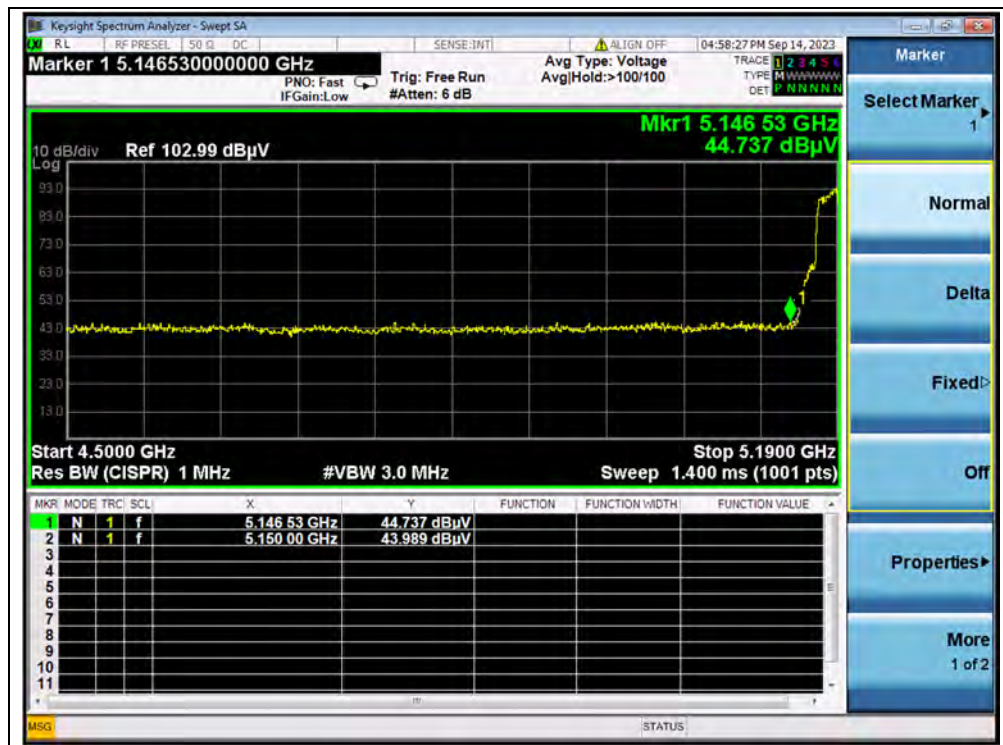


(PEAK, Channel 165, 802.11a)

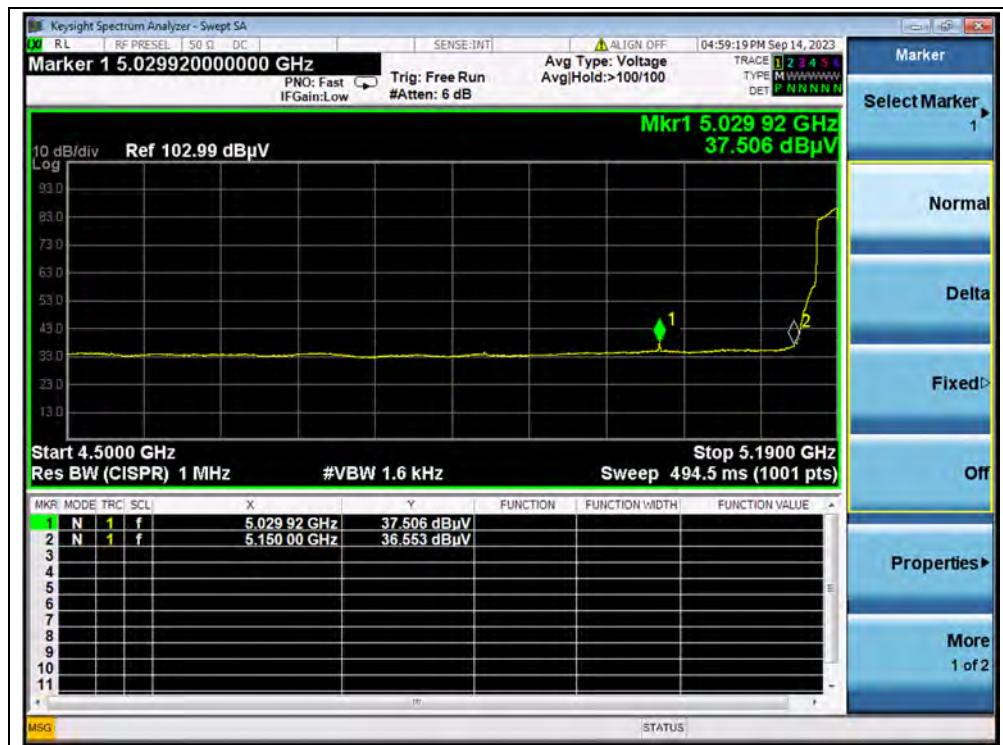


802.11n (HT40) Mode

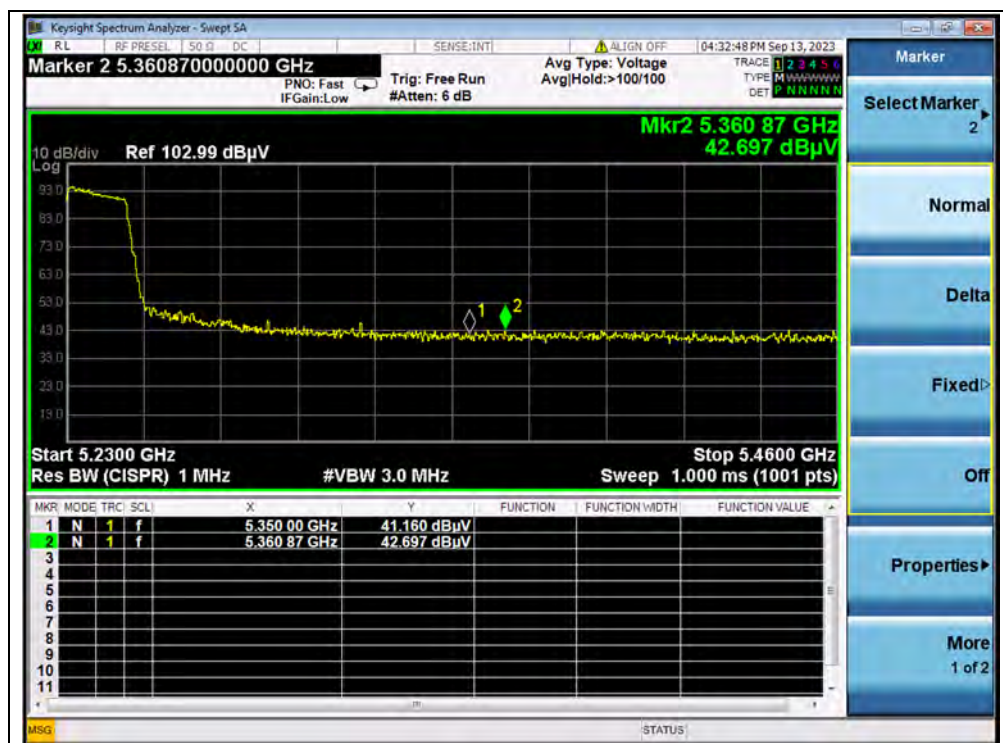
Channel	Frequency (MHz)	Detector	Receiver Reading U_R (dBμV)	A_T (dB)	A_{Factor} (dB@3m)	Max. Emission E (dBμV/m)	Limit (dBμV/m)	Verdict
		PK/ AV						
38	5146.53	PK	44.74	-19.54	32.20	57.40	74	PASS
38	5029.92	AV	37.51	-19.54	32.20	50.17	54	PASS
46	5360.87	PK	4.70	-19.54	32.20	17.36	74	PASS
46	5389.85	AV	34.98	-19.54	32.20	47.64	54	PASS
151	5725.00	PK	44.67	-19.01	32.20	57.86	122.23	PASS
159	5855.00	PK	42.23	-19.01	32.20	55.42	110.83	PASS



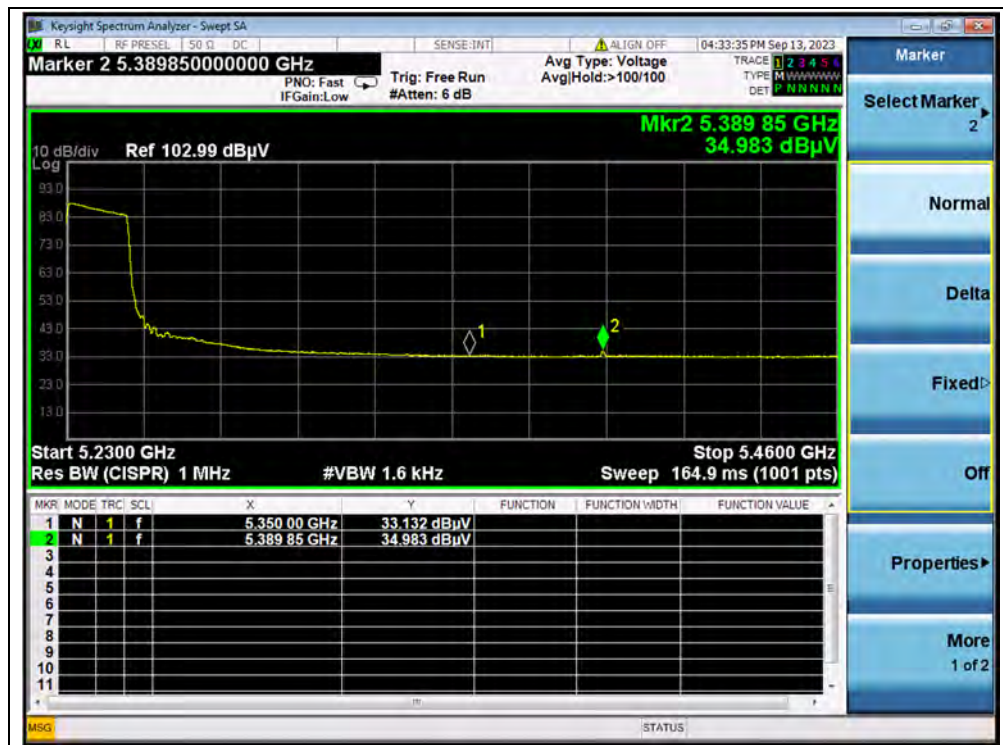
(PEAK, Channel 38, 802.11n (HT40))



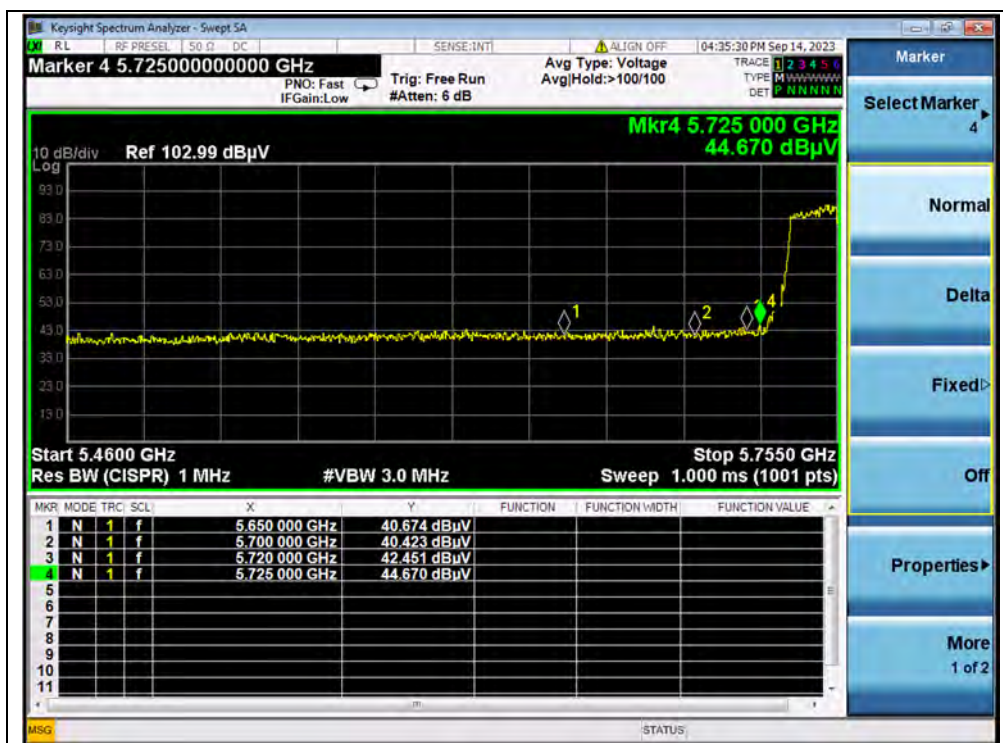
(AVERAGE, Channel 38, 802.11n (HT40))



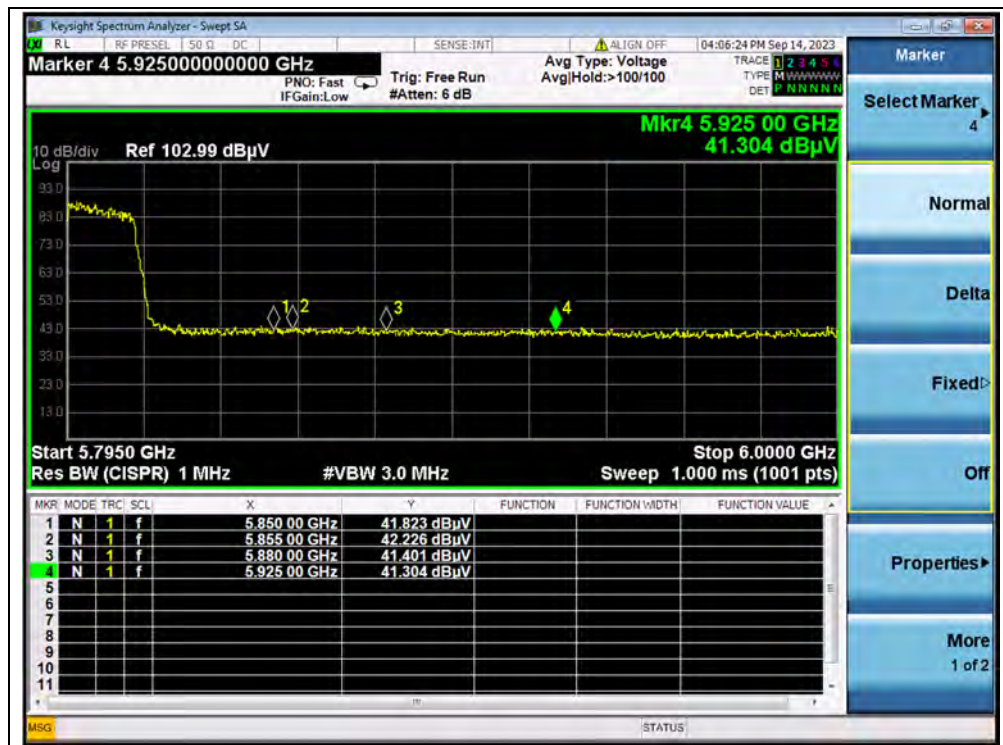
(PEAK, Channel 46, 802.11n (HT40))



(AVERAGE, Channel 46, 802.11n (HT40))



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

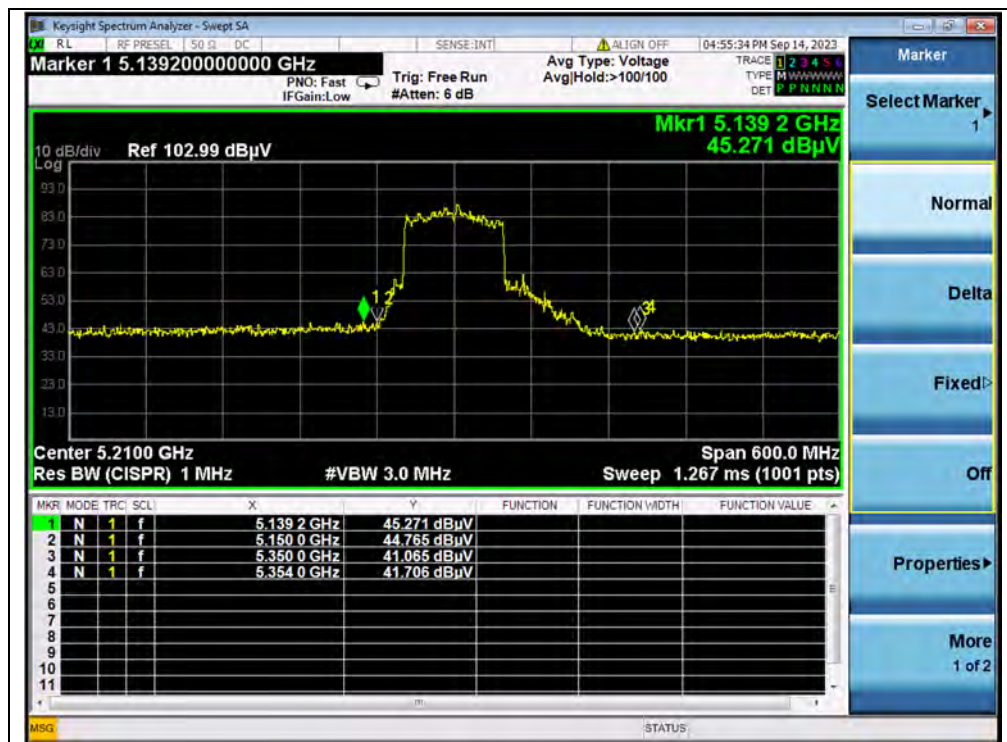


(PEAK, Channel 159, 802.11n (HT40))

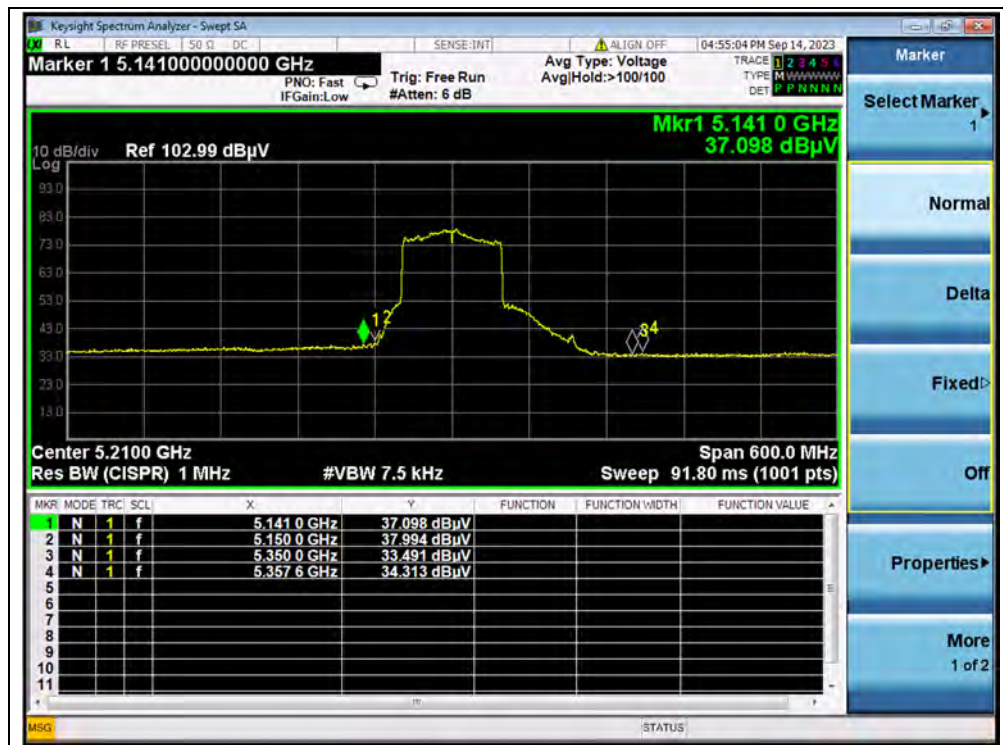


802.11 ac (VHT80) Mode

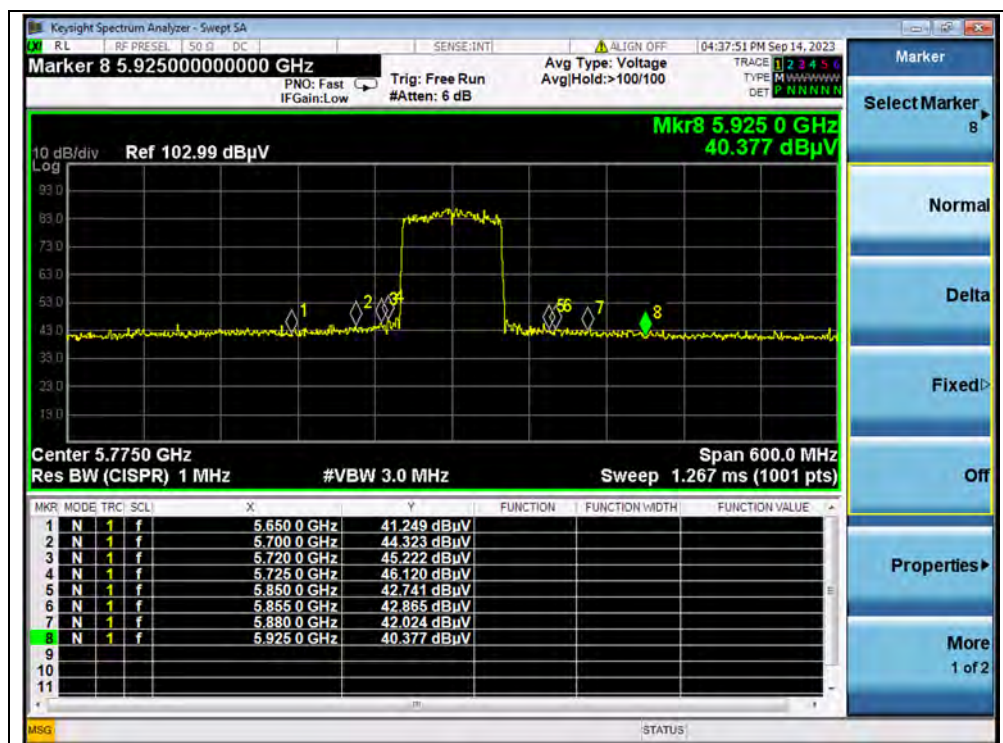
Channel	Frequency (MHz)	Detector	Receiver Reading U_R (dBuV)	A_T (dB)	A_{Factor} (dB@3m)	Max. Emission E (dBuV/m)	Limit (dBuV/m)	Verdict
		PK/ AV						
42	5139.20	PK	45.271	-19.54	32.20	57.93	74	PASS
42	5150.00	AV	37.99	-19.54	32.20	50.65	54	PASS
42	5354.00	PK	41.71	-19.54	32.20	54.37	74	PASS
42	5357.60	AV	34.31	-19.54	32.20	46.97	54	PASS
155	5720.00	PK	45.22	-19.01	32.20	58.41	110.83	PASS
155	5855.00	PK	42.87	-19.01	32.20	56.06	110.83	PASS



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



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

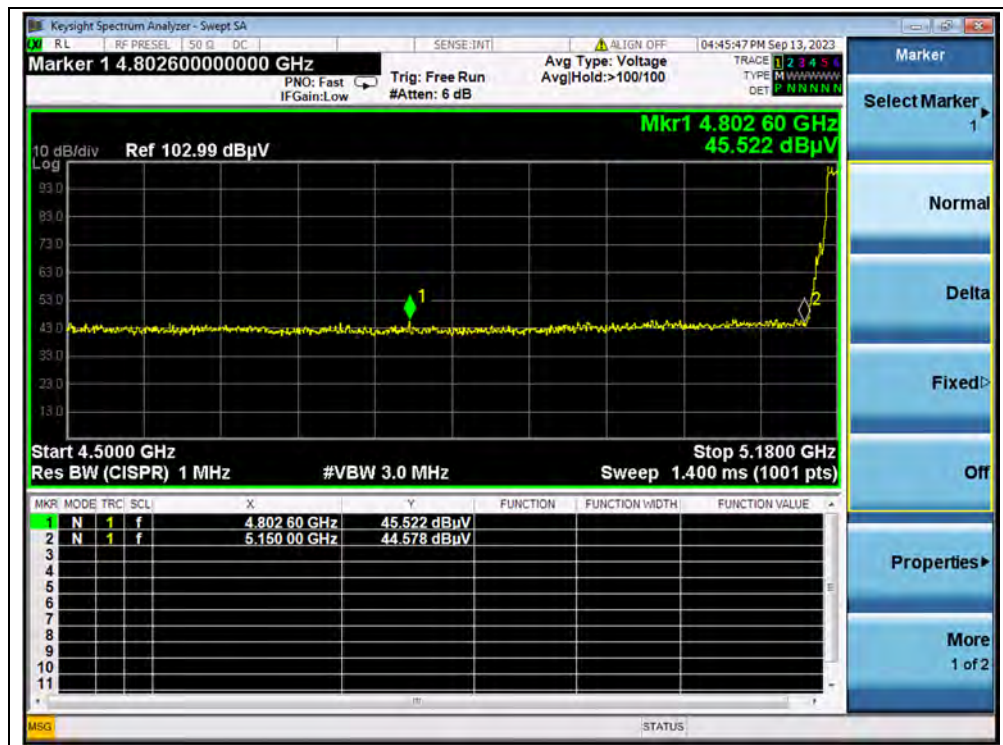


(Channel 155, PEAK, 802.11ac (VHT80))

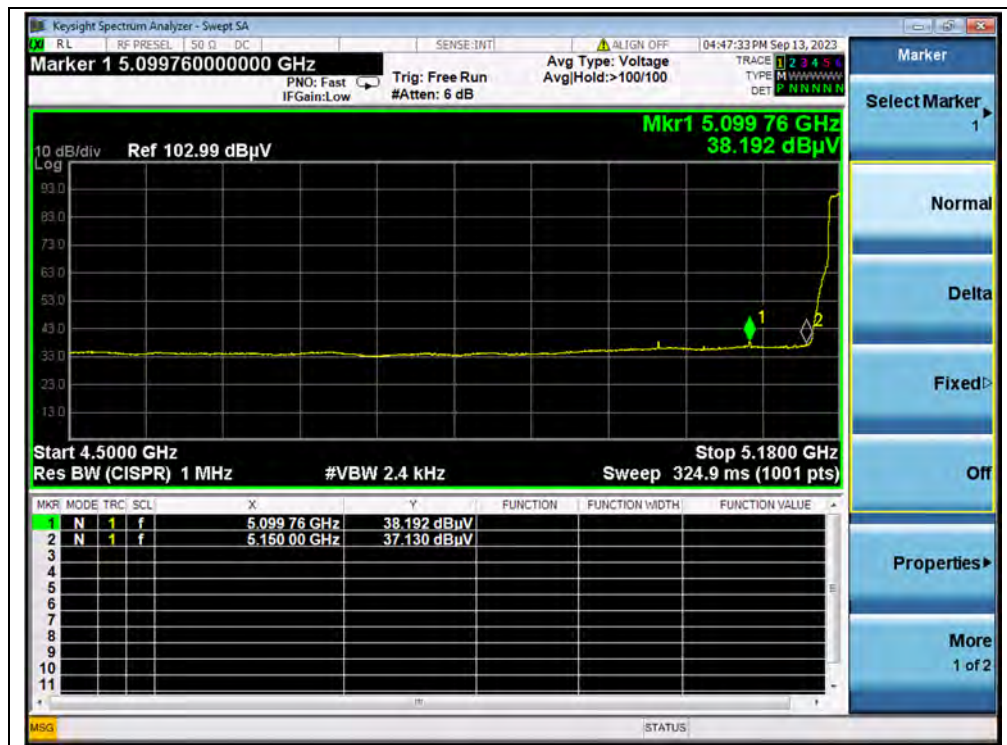


802.11ax (HEW20) Mode

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						
36	4802.60	PK	45.52	-19.54	32.20	58.18	68.23	PASS
36	5099.76	AV	38.19	-19.54	32.20	50.85	54	PASS
48	5399.72	PK	44.48	-19.54	32.20	57.14	74	PASS
48	5399.94	AV	36.55	-19.54	32.20	49.21	54	PASS
149	5725.00	PK	43.18	-19.01	32.20	56.37	122.23	PASS
165	5925.00	PK	42.31	-19.01	32.20	55.50	68.23	PASS



(PEAK, Channel 36, 802.11ax (HEW20))



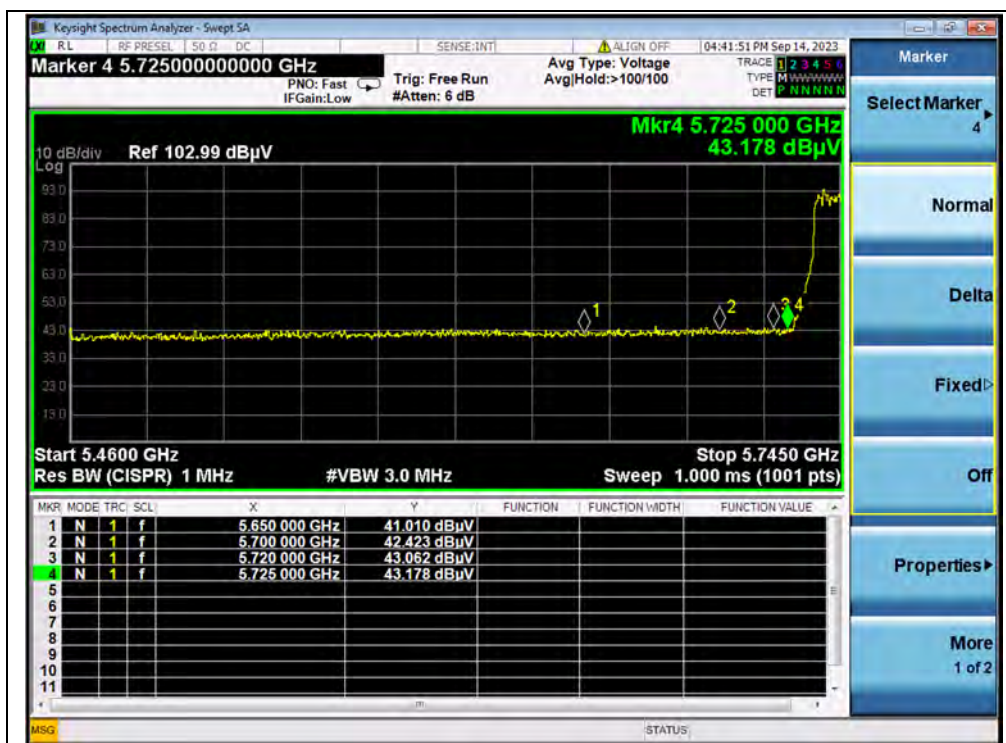
(AVERAGE, Channel 36, 802.11ax (HEW20))



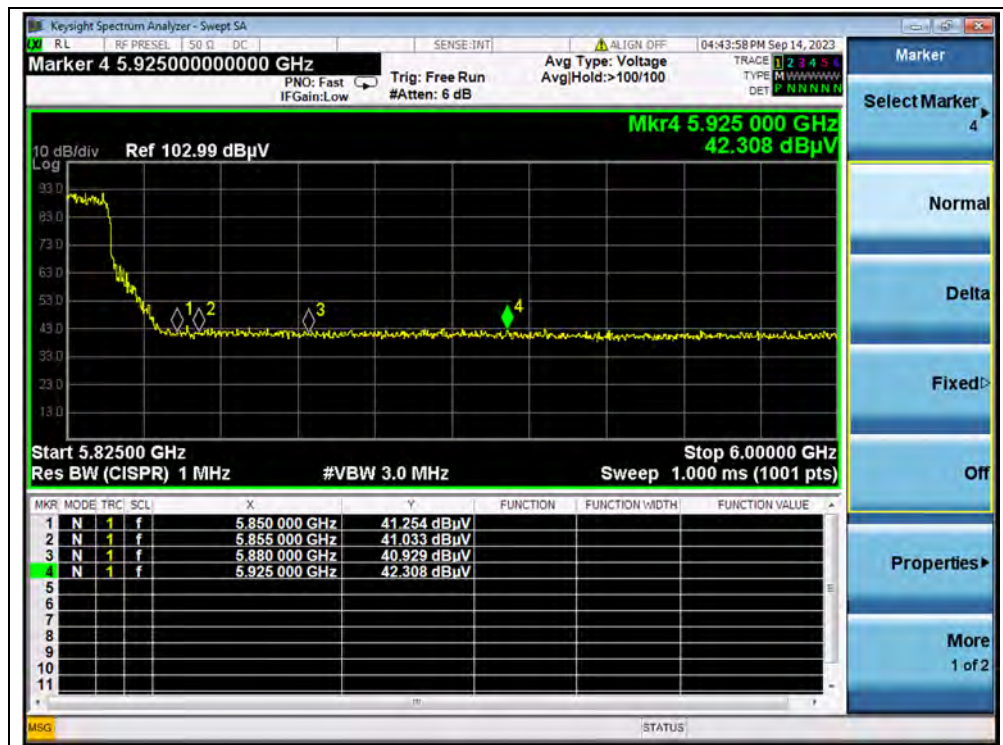
(PEAK, Channel 48, 802.11ax (HEW20))



(AVERAGE, Channel 48, 802.11ax (HEW20))



(PEAK, Channel 149, 802.11ax (HEW20))



(PEAK, Channel 165, 802.11ax (HEW20))



A.8. 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.

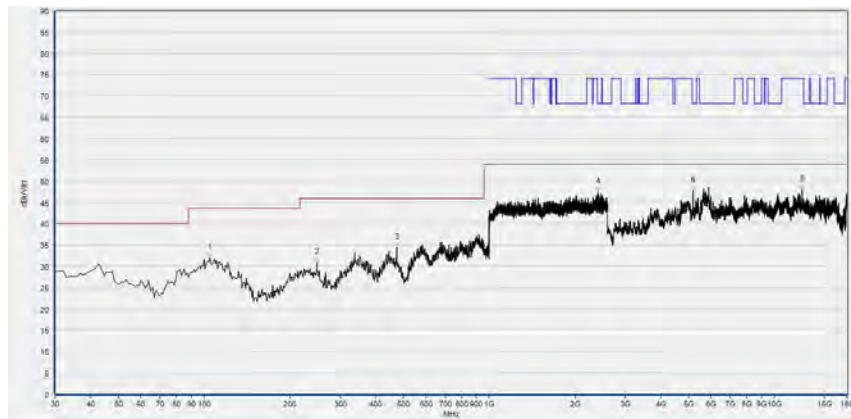
Note2: For the frequency, which started from 9kHz to 30MHz, was pre-scanned and the result which was 20dB lower than the limit was not recorded.

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.

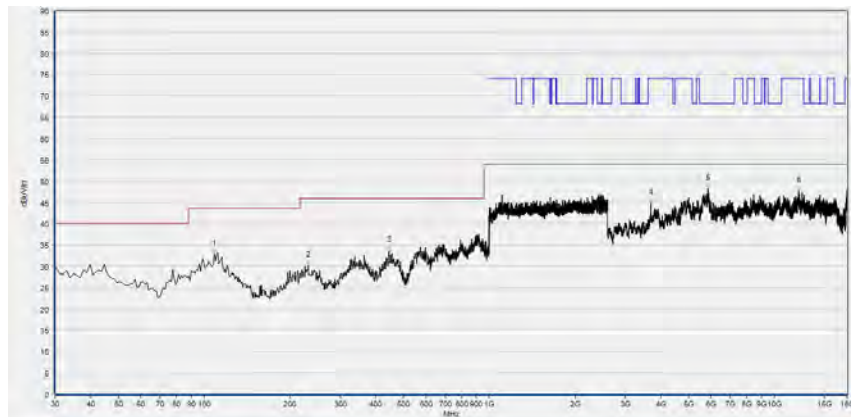
**802.11a Mode**

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
104.690	31.95	N/A	N/A	N/A	43.50	N/A	Horizontal	PASS
248.250	30.84	N/A	N/A	N/A	46.00	N/A	Horizontal	PASS
473.290	34.41	N/A	N/A	N/A	46.00	N/A	Horizontal	PASS
2411.200	47.36	N/A	N/A	68.23	N/A	N/A	Horizontal	PASS
5181.040	47.73	N/A	N/A	68.23	N/A	N/A	Horizontal	PASS
12505.280	48.03	N/A	N/A	74.00	N/A	54.00	Horizontal	PASS

(Antenna Horizontal, 30MHz to 18GHz)

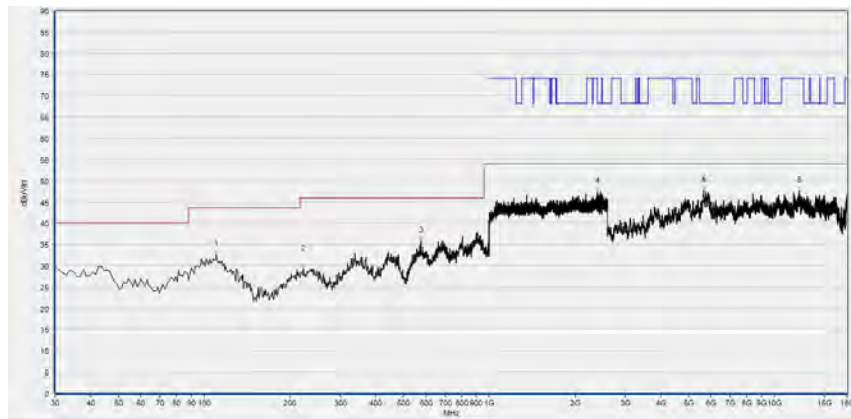


Fre. (MHz)	PK (dBμV/m)	QP (dBμV/m)	AV (dBμV/m)	Limit-PK (dBμV/m)	Limit-QP (dBμV/m)	Limit-AV (dBμV/m)	Antenna	Verdict
108.570	32.87	N/A	N/A	N/A	43.50	N/A	Vertical	PASS
231.760	30.20	N/A	N/A	N/A	46.00	54.00	Vertical	PASS
444.190	33.61	N/A	N/A	N/A	46.00	N/A	Vertical	PASS
3681.080	44.78	N/A	N/A	74.00	N/A	54.00	Vertical	PASS
5861.720	48.25	N/A	N/A	68.23	N/A	N/A	Vertical	PASS
12188.040	47.81	N/A	N/A	74.00	N/A	54.00	Vertical	PASS

(Antenna Vertical, 30MHz to 18GHz)

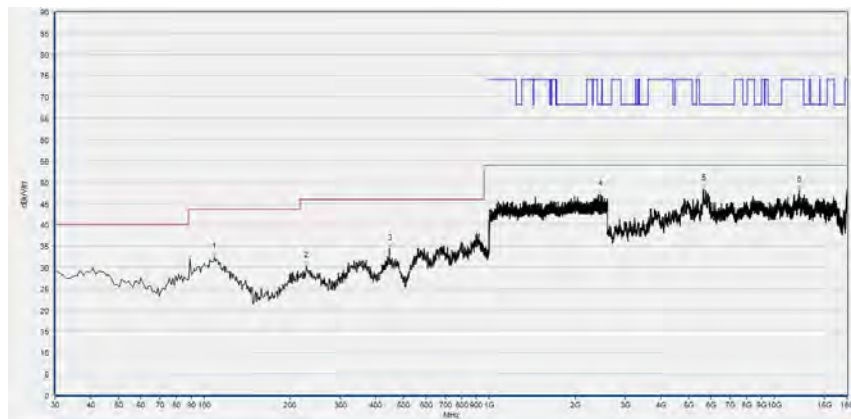


Plot for Channel 44



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
110.510	32.50	N/A	N/A	N/A	43.50	N/A	Horizontal	PASS
223.030	29.39	N/A	N/A	N/A	46.00	N/A	Horizontal	PASS
576.110	35.88	N/A	N/A	N/A	46.00	N/A	Horizontal	PASS
2388.800	47.39	N/A	N/A	74.00	N/A	54.00	Horizontal	PASS
5655.360	47.76	N/A	N/A	68.23	N/A	N/A	Horizontal	PASS
12206.520	47.61	N/A	N/A	74.00	N/A	54.00	Horizontal	PASS

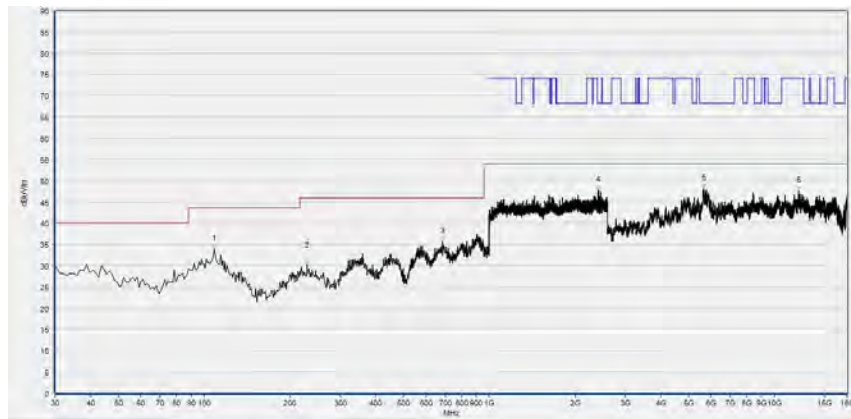
(Antenna Horizontal, 30MHz to 18GHz)



Fre. (MHz)	PK (dBμV/m)	QP (dBμV/m)	AV (dBμV/m)	Limit-PK (dBμV/m)	Limit-QP (dBμV/m)	Limit-AV (dBμV/m)	Antenna	Verdict
108.570	32.43	N/A	N/A	N/A	43.50	N/A	Vertical	PASS
227.880	30.36	N/A	N/A	N/A	46.00	N/A	Vertical	PASS
447.100	34.30	N/A	N/A	N/A	46.00	N/A	Vertical	PASS
2452.267	47.12	N/A	N/A	68.23	N/A	N/A	Vertical	PASS
5643.040	48.36	N/A	N/A	68.23	N/A	N/A	Vertical	PASS
12209.600	48.06	N/A	N/A	74.00	N/A	54.00	Vertical	PASS

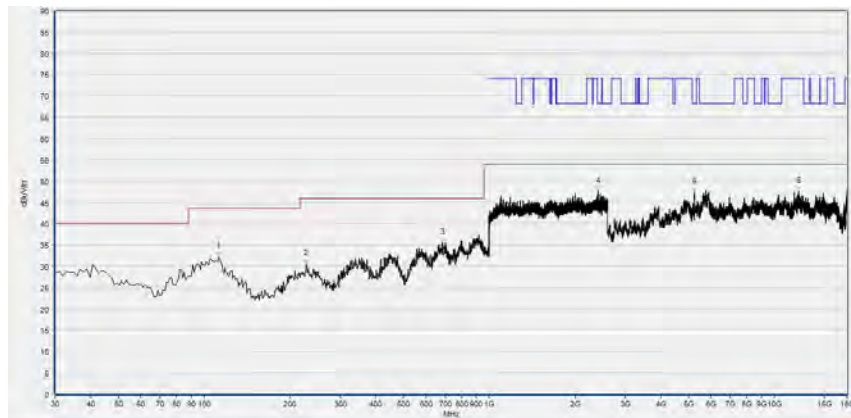
(Antenna Vertical, 30MHz to 18GHz)

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	33.88	N/A	N/A	N/A	43.50	N/A	Horizontal	PASS
229.820	30.12	N/A	N/A	N/A	46.00	N/A	Horizontal	PASS
684.750	35.67	N/A	N/A	N/A	46.00	N/A	Horizontal	PASS
2404.267	47.73	N/A	N/A	68.23	N/A	N/A	Horizontal	PASS
5639.960	48.08	N/A	N/A	68.23	N/A	N/A	Horizontal	PASS
12175.720	47.57	N/A	N/A	74.00	N/A	54.00	Horizontal	PASS

(Antenna Horizontal, 30MHz to 18GHz)

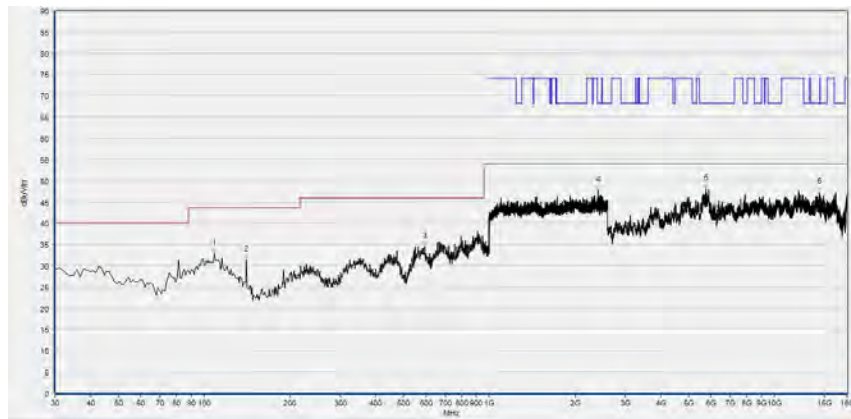


Fre. (MHz)	PK (dBμV/m)	QP (dBμV/m)	AV (dBμV/m)	Limit-PK (dBμV/m)	Limit-QP (dBμV/m)	Limit-AV (dBμV/m)	Antenna	Verdict
112.450	32.12	N/A	N/A	N/A	43.50	N/A	Vertical	PASS
227.880	30.50	N/A	N/A	N/A	46.00	N/A	Vertical	PASS
683.780	35.46	N/A	N/A	N/A	46.00	N/A	Vertical	PASS
2405.333	47.53	N/A	N/A	68.23	N/A	N/A	Vertical	PASS
5236.480	47.39	N/A	N/A	68.23	N/A	N/A	Vertical	PASS
12157.240	47.57	N/A	N/A	74.00	N/A	54.00	Vertical	PASS

(Antenna Vertical, 30MHz to 18GHz)

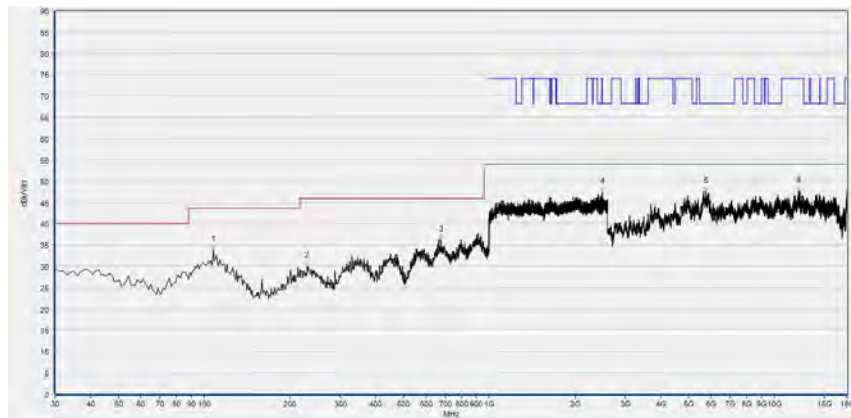


Plot for Channel 149



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
108.570	32.77	N/A	N/A	N/A	43.50	N/A	Horizontal	PASS
140.580	31.27	N/A	N/A	N/A	43.50	N/A	Horizontal	PASS
594.540	34.59	N/A	N/A	N/A	46.00	N/A	Horizontal	PASS
2407.467	47.72	N/A	N/A	68.23	N/A	N/A	Horizontal	PASS
5766.240	48.03	N/A	N/A	68.23	N/A	N/A	Horizontal	PASS
14408.720	47.25	N/A	N/A	68.23	N/A	N/A	Horizontal	PASS

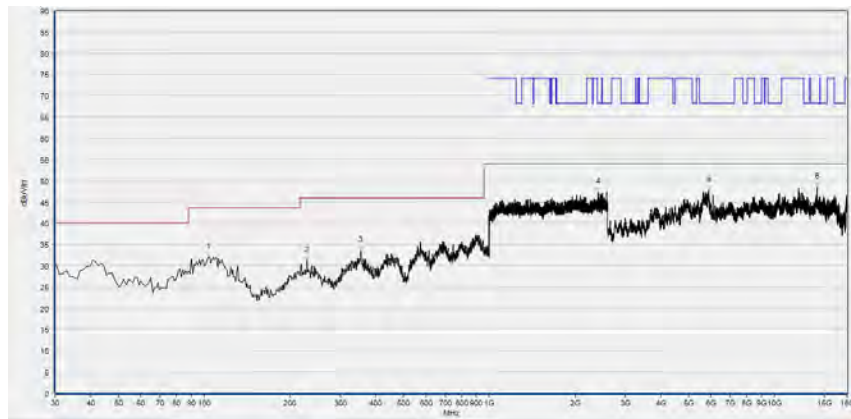
(Antenna Horizontal, 30MHz to 18GHz)



Fre. (MHz)	PK (dBμV/m)	QP (dBμV/m)	AV (dBμV/m)	Limit-PK (dBμV/m)	Limit-QP (dBμV/m)	Limit-AV (dBμV/m)	Antenna	Verdict
107.600	33.88	N/A	N/A	N/A	43.50	N/A	Vertical	PASS
229.820	29.97	N/A	N/A	N/A	46.00	N/A	Vertical	PASS
677.960	36.17	N/A	N/A	N/A	46.00	N/A	Vertical	PASS
2494.400	47.47	N/A	N/A	74.00	N/A	54.00	Vertical	PASS
5766.240	47.64	N/A	N/A	68.23	N/A	N/A	Vertical	PASS
12151.080	47.79	N/A	N/A	74.00	N/A	54.00	Vertical	PASS

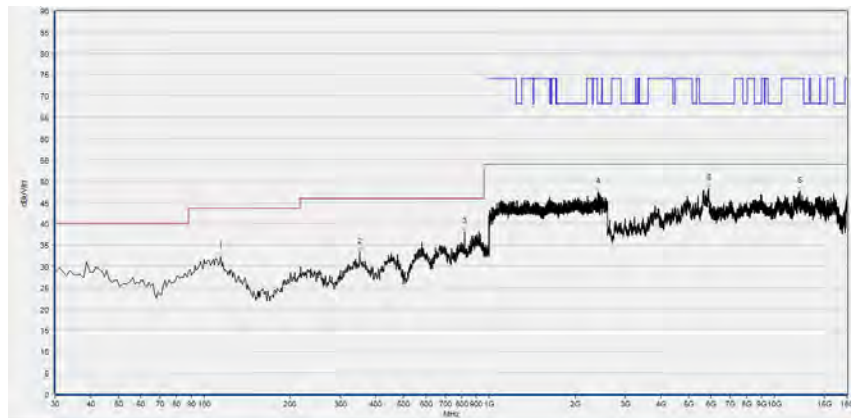
(Antenna Vertical, 30MHz to 18GHz)

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
103.720	31.98	N/A	N/A	N/A	43.50	N/A	Horizontal	PASS
229.820	31.16	N/A	N/A	N/A	46.00	N/A	Horizontal	PASS
353.980	33.44	N/A	N/A	N/A	46.00	N/A	Horizontal	PASS
2410.133	47.18	N/A	N/A	68.23	N/A	N/A	Horizontal	PASS
5870.960	47.75	N/A	N/A	68.23	N/A	N/A	Horizontal	PASS
14091.480	48.37	N/A	N/A	68.23	N/A	N/A	Horizontal	PASS

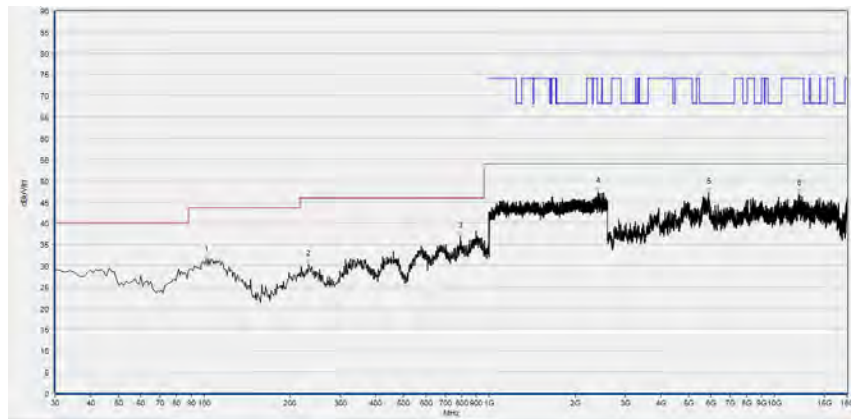
(Antenna Horizontal, 30MHz to 18GHz)



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
114.390	32.13	N/A	N/A	N/A	43.50	N/A	Vertical	PASS
351.070	33.40	N/A	N/A	N/A	46.00	N/A	Vertical	PASS
820.550	38.10	N/A	N/A	N/A	46.00	N/A	Vertical	PASS
2402.667	47.43	N/A	N/A	68.23	N/A	N/A	Vertical	PASS
5870.960	48.33	N/A	N/A	68.23	N/A	N/A	Vertical	PASS
12292.760	47.61	N/A	N/A	74.00	N/A	54.00	Vertical	PASS

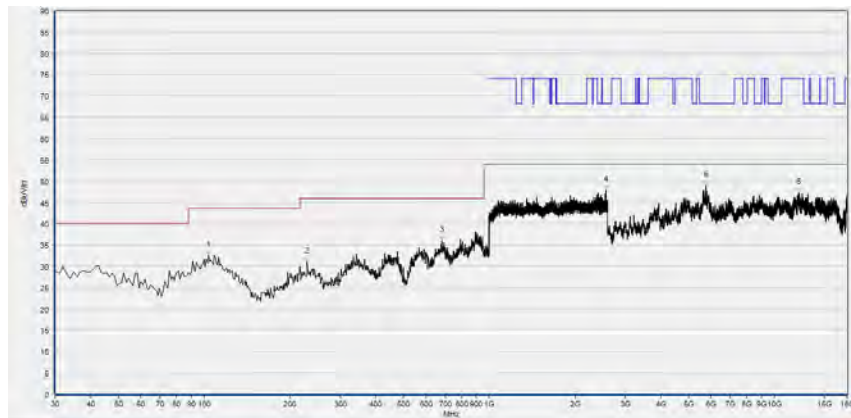
(Antenna Vertical, 30MHz to 18GHz)

Plot for Channel 165



Fre. (MHz)	PK (dBμV/m)	QP (dBμV/m)	AV (dBμV/m)	Limit-PK (dBμV/m)	Limit-QP (dBμV/m)	Limit-AV (dBμV/m)	Antenna	Verdict
101.780	31.27	N/A	N/A	N/A	43.50	N/A	Horizontal	PASS
232.730	30.37	N/A	N/A	N/A	46.00	N/A	Horizontal	PASS
790.480	36.87	N/A	N/A	N/A	46.00	N/A	Horizontal	PASS
2412.800	47.37	N/A	N/A	68.23	N/A	N/A	Horizontal	PASS
5870.960	47.26	N/A	N/A	68.23	N/A	N/A	Horizontal	PASS
12200.360	46.89	N/A	N/A	74.00	N/A	54.00	Horizontal	PASS

(Antenna Horizontal, 30MHz to 18GHz)

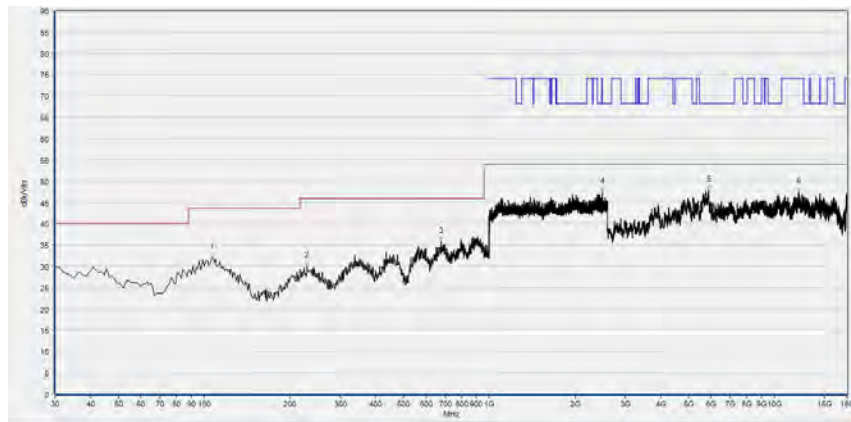


Fre. (MHz)	PK (dBμV/m)	QP (dBμV/m)	AV (dBμV/m)	Limit-PK (dBμV/m)	Limit-QP (dBμV/m)	Limit-AV (dBμV/m)	Antenna	Verdict
103.720	32.48	N/A	N/A	N/A	43.50	N/A	Vertical	PASS
229.820	30.95	N/A	N/A	N/A	46.00	N/A	Vertical	PASS
680.870	36.10	N/A	N/A	N/A	46.00	N/A	Vertical	PASS
2562.667	47.88	N/A	N/A	68.23	N/A	N/A	Vertical	PASS
5766.240	48.90	N/A	N/A	68.23	N/A	N/A	Vertical	PASS
12157.240	47.21	N/A	N/A	74.00	N/A	54.00	Vertical	PASS

(Antenna Vertical, 30MHz to 18GHz)

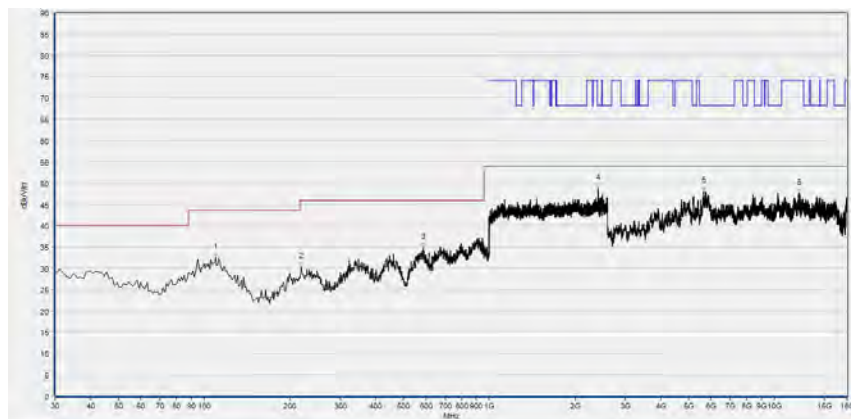
**802.11n (HT40) mode**

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
106.630	32.01	N/A	N/A	N/A	43.50	N/A	Horizontal	PASS
229.820	30.00	N/A	N/A	N/A	46.00	N/A	Horizontal	PASS
677.960	35.82	N/A	N/A	N/A	46.00	N/A	Horizontal	PASS
2493.333	47.47	N/A	N/A	74.00	N/A	54.00	Horizontal	PASS
5870.960	47.95	N/A	N/A	68.23	N/A	N/A	Horizontal	PASS
12163.400	47.36	N/A	N/A	74.00	N/A	54.00	Horizontal	PASS

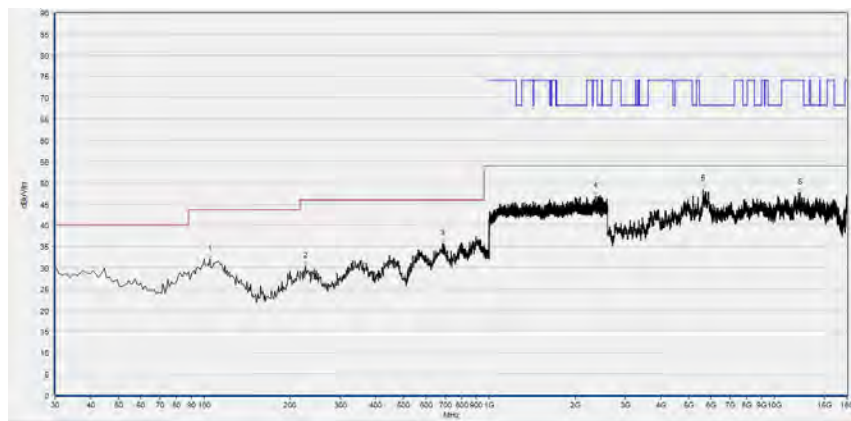
(Antenna Horizontal, 30MHz to 18GHz)



Fre. (MHz)	PK (dBμV/m)	QP (dBμV/m)	AV (dBμV/m)	Limit-PK (dBμV/m)	Limit-QP (dBμV/m)	Limit-AV (dBμV/m)	Antenna	Verdict
109.540	32.44	N/A	N/A	N/A	43.50	N/A	Vertical	PASS
219.150	30.33	N/A	N/A	N/A	46.00	N/A	Vertical	PASS
586.780	34.81	N/A	N/A	N/A	46.00	N/A	Vertical	PASS
2406.933	48.74	N/A	N/A	68.23	N/A	N/A	Vertical	PASS
5643.040	48.09	N/A	N/A	68.23	N/A	N/A	Vertical	PASS
12200.360	47.59	N/A	N/A	74.00	N/A	54.00	Vertical	PASS

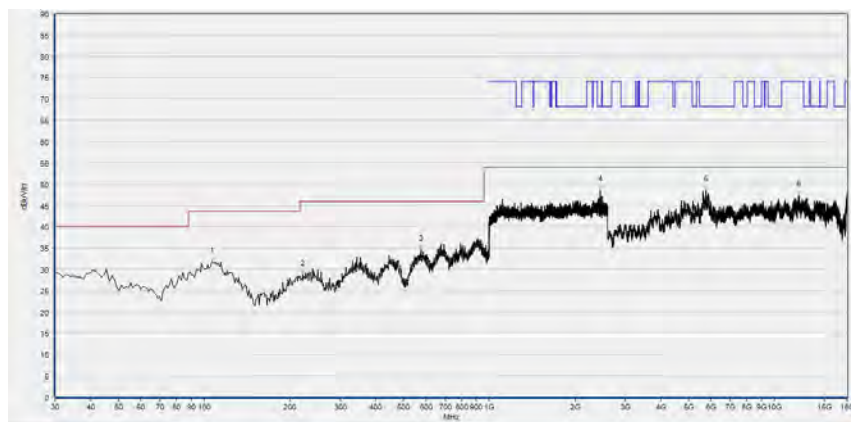
(Antenna Vertical, 30MHz to 18GHz)

Plot for Channel 46



Fre. (MHz)	PK (dBμV/m)	QP (dBμV/m)	AV (dBμV/m)	Limit-PK (dBμV/m)	Limit-QP (dBμV/m)	Limit-AV (dBμV/m)	Antenna	Verdict
104.690	32.07	N/A	N/A	N/A	43.50	N/A	Horizontal	PASS
226.910	30.38	N/A	N/A	N/A	46.00	N/A	Horizontal	PASS
685.720	35.65	N/A	N/A	N/A	46.00	N/A	Horizontal	PASS
2360.533	46.74	N/A	N/A	74.00	N/A	54.00	Horizontal	PASS
5621.480	48.43	N/A	N/A	68.23	N/A	N/A	Horizontal	PASS
12302.000	47.65	N/A	N/A	74.00	N/A	54.00	Horizontal	PASS

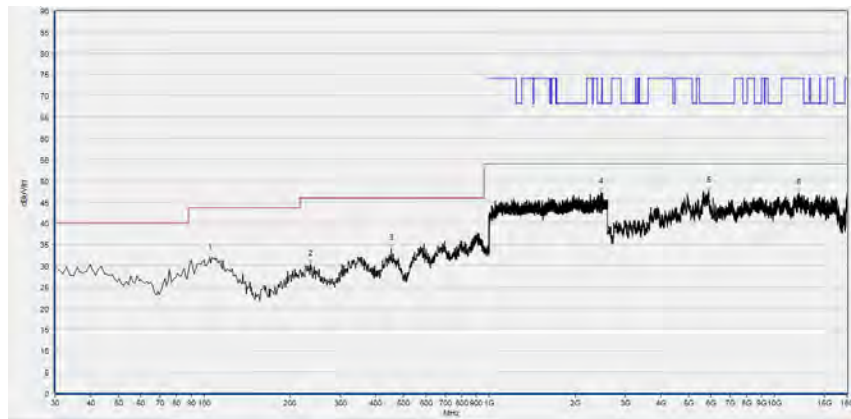
(Antenna Horizontal, 30MHz to 18GHz)



Fre. (MHz)	PK (dBμV/m)	QP (dBμV/m)	AV (dBμV/m)	Limit-PK (dBμV/m)	Limit-QP (dBμV/m)	Limit-AV (dBμV/m)	Antenna	Verdict
106.630	31.90	N/A	N/A	N/A	43.50	N/A	Vertical	PASS
221.090	28.75	N/A	N/A	N/A	46.00	N/A	Vertical	PASS
577.080	34.71	N/A	N/A	N/A	46.00	N/A	Vertical	PASS
2453.867	48.54	N/A	N/A	68.23	N/A	N/A	Vertical	PASS
5757.000	48.67	N/A	N/A	68.23	N/A	N/A	Vertical	PASS
12169.560	47.37	N/A	N/A	74.00	N/A	54.00	Vertical	PASS

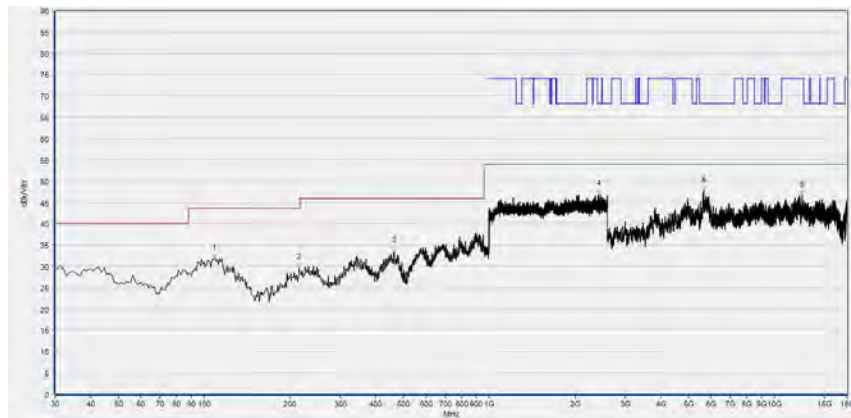
(Antenna Vertical, 30MHz to 18GHz)

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	31.88	N/A	N/A	N/A	43.50	N/A	Horizontal	PASS
235.640	30.33	N/A	N/A	N/A	46.00	N/A	Horizontal	PASS
453.890	34.09	N/A	N/A	N/A	46.00	N/A	Horizontal	PASS
2458.667	47.28	N/A	N/A	68.23	N/A	N/A	Horizontal	PASS
5889.440	47.55	N/A	N/A	68.23	N/A	N/A	Horizontal	PASS
12151.080	47.17	N/A	N/A	74.00	N/A	54.00	Horizontal	PASS

(Antenna Horizontal, 30MHz to 18GHz)

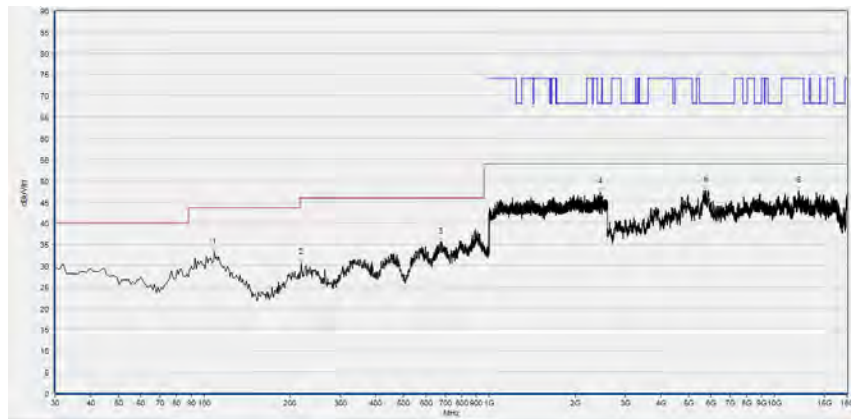


Fre. (MHz)	PK (dBμV/m)	QP (dBμV/m)	AV (dBμV/m)	Limit-PK (dBμV/m)	Limit-QP (dBμV/m)	Limit-AV (dBμV/m)	Antenna	Verdict
108.570	31.87	N/A	N/A	N/A	43.50	N/A	Vertical	PASS
215.270	29.65	N/A	N/A	N/A	43.50	N/A	Vertical	PASS
462.620	33.51	N/A	N/A	N/A	46.00	N/A	Vertical	PASS
2418.133	46.87	N/A	N/A	68.23	N/A	N/A	Vertical	PASS
5646.120	47.73	N/A	N/A	68.23	N/A	N/A	Vertical	PASS
12508.360	46.65	N/A	N/A	74.00	N/A	54.00	Vertical	PASS

(Antenna Vertical, 30MHz to 18GHz)

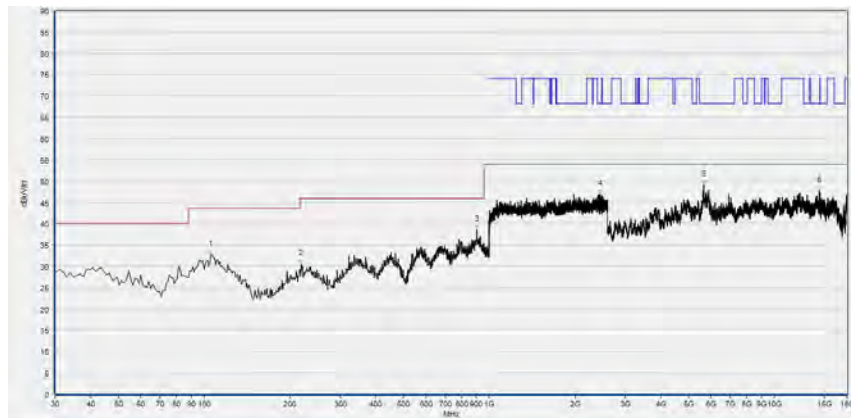


Plot for Channel 159



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
108.570	33.13	N/A	N/A	N/A	43.50	N/A	Horizontal	PASS
219.150	30.63	N/A	N/A	N/A	46.00	N/A	Horizontal	PASS
675.050	35.58	N/A	N/A	N/A	46.00	N/A	Horizontal	PASS
2457.600	47.21	N/A	N/A	68.23	N/A	N/A	Horizontal	PASS
5760.080	47.79	N/A	N/A	68.23	N/A	N/A	Horizontal	PASS
12188.040	47.54	N/A	N/A	74.00	N/A	54.00	Horizontal	PASS

(Antenna Horizontal, 30MHz to 18GHz)

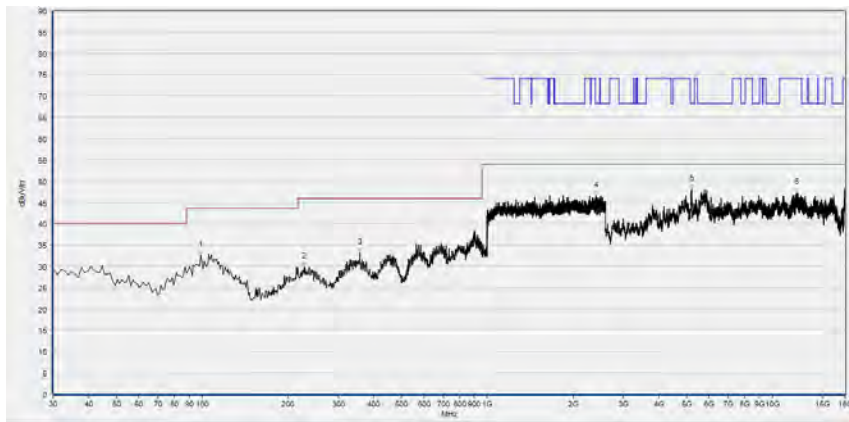


Fre. (MHz)	PK (dBμV/m)	QP (dBμV/m)	AV (dBμV/m)	Limit-PK (dBμV/m)	Limit-QP (dBμV/m)	Limit-AV (dBμV/m)	Antenna	Verdict
105.660	32.76	N/A	N/A	N/A	43.50	N/A	Vertical	PASS
219.150	30.46	N/A	N/A	N/A	46.00	N/A	Vertical	PASS
904.940	38.50	N/A	N/A	N/A	46.00	N/A	Vertical	PASS
2457.067	47.00	N/A	N/A	68.23	N/A	N/A	Vertical	PASS
5643.040	49.08	N/A	N/A	68.23	N/A	N/A	Vertical	PASS
14399.480	47.72	N/A	N/A	68.23	N/A	N/A	Vertical	PASS

(Antenna Vertical, 30MHz to 18GHz)

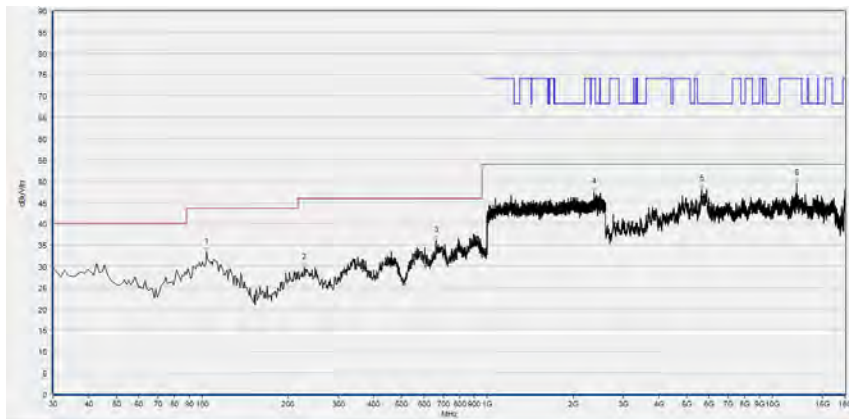
**802.11ac (VHT80) Mode**

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
98.870	32.57	N/A	N/A	N/A	43.50	N/A	Horizontal	PASS
227.880	29.91	N/A	N/A	N/A	46.00	N/A	Horizontal	PASS
356.890	33.15	N/A	N/A	N/A	46.00	N/A	Horizontal	PASS
2411.200	46.55	N/A	N/A	68.23	N/A	N/A	Horizontal	PASS
5208.760	48.03	N/A	N/A	68.23	N/A	N/A	Horizontal	PASS
12144.920	47.32	N/A	N/A	74.00	N/A	54.00	Horizontal	PASS

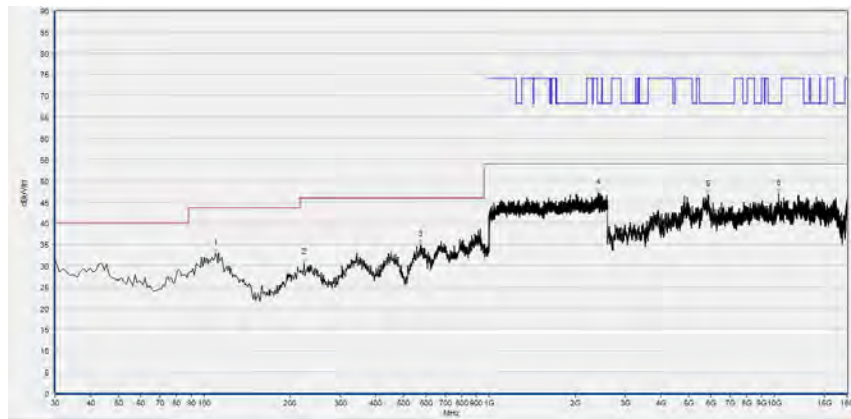
(Antenna Horizontal, 30MHz to 18GHz)



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	33.32	N/A	N/A	N/A	43.50	N/A	Vertical	PASS
227.880	29.62	N/A	N/A	N/A	46.00	N/A	Vertical	PASS
661.470	35.96	N/A	N/A	N/A	46.00	N/A	Vertical	PASS
2373.333	47.44	N/A	N/A	74.00	N/A	54.00	Vertical	PASS
5652.280	48.09	N/A	N/A	68.23	N/A	N/A	Vertical	PASS
12154.160	49.49	N/A	N/A	74.00	N/A	54.00	Vertical	PASS

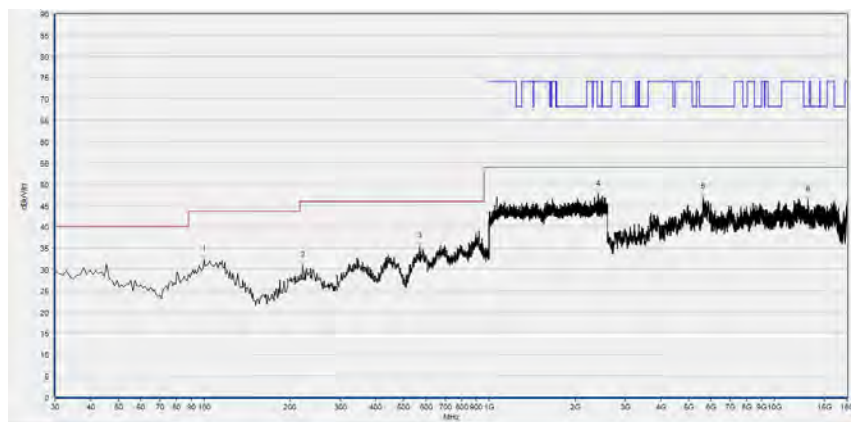
(Antenna Vertical, 30MHz to 18GHz)

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
109.540	32.84	N/A	N/A	N/A	43.50	N/A	Horizontal	PASS
224.000	30.63	N/A	N/A	N/A	46.00	N/A	Horizontal	PASS
575.140	34.93	N/A	N/A	N/A	46.00	N/A	Horizontal	PASS
2408.533	47.13	N/A	N/A	68.23	N/A	N/A	Horizontal	PASS
5855.560	46.83	N/A	N/A	68.23	N/A	N/A	Horizontal	PASS
10336.960	46.94	N/A	N/A	68.23	N/A	N/A	Horizontal	PASS

(Antenna Horizontal, 30MHz to 18GHz)

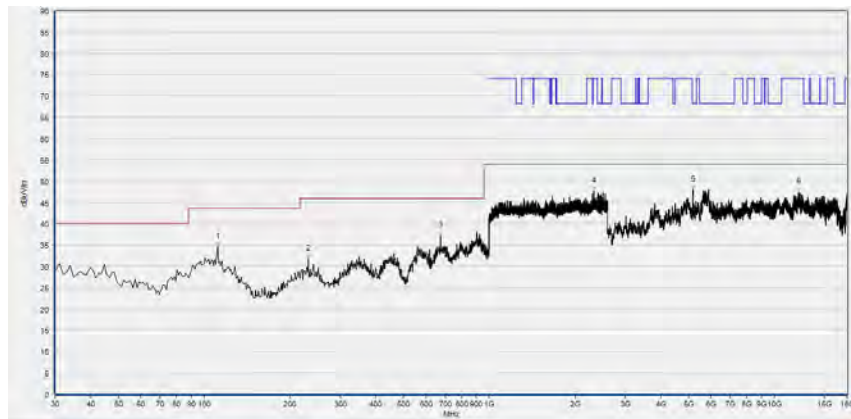


Fre. (MHz)	PK (dBμV/m)	QP (dBμV/m)	AV (dBμV/m)	Limit-PK (dBμV/m)	Limit-QP (dBμV/m)	Limit-AV (dBμV/m)	Antenna	Verdict
99.840	32.16	N/A	N/A	N/A	43.50	N/A	Vertical	PASS
221.090	30.91	N/A	N/A	N/A	46.00	N/A	Vertical	PASS
570.290	35.40	N/A	N/A	N/A	46.00	N/A	Vertical	PASS
2410.667	47.57	N/A	N/A	68.23	N/A	N/A	Vertical	PASS
5633.800	47.01	N/A	N/A	68.23	N/A	N/A	Vertical	PASS
13145.920	46.34	N/A	N/A	68.23	N/A	N/A	Vertical	PASS

(Antenna Vertical, 30MHz to 18GHz)

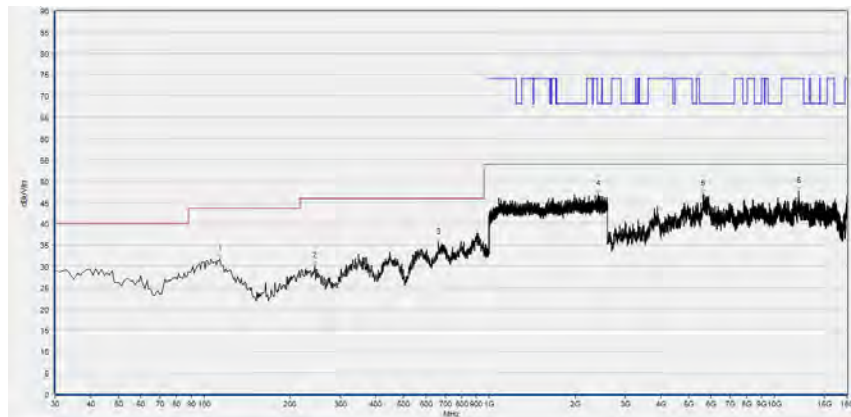
**802.11ax (HEW20) Mode**

Plot for Channel 36



Fre. (MHz)	PK (dBμV/m)	QP (dBμV/m)	AV (dBμV/m)	Limit-PK (dBμV/m)	Limit-QP (dBμV/m)	Limit-AV (dBμV/m)	Antenna	Verdict
111.480	34.60	N/A	N/A	N/A	43.50	N/A	Horizontal	PASS
231.760	31.71	N/A	N/A	N/A	46.00	N/A	Horizontal	PASS
675.050	37.27	N/A	N/A	N/A	46.00	N/A	Horizontal	PASS
2328.533	47.58	N/A	N/A	74.00	N/A	54.00	Horizontal	PASS
5181.040	48.00	N/A	N/A	68.23	N/A	N/A	Horizontal	PASS
12188.040	47.43	N/A	N/A	74.00	N/A	54.00	Horizontal	PASS

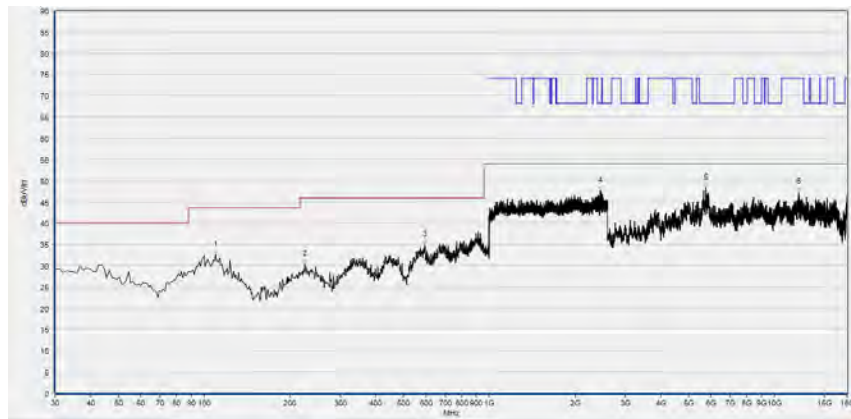
(Antenna Horizontal, 30MHz to 18GHz)



Fre. (MHz)	PK (dBμV/m)	QP (dBμV/m)	AV (dBμV/m)	Limit-PK (dBμV/m)	Limit-QP (dBμV/m)	Limit-AV (dBμV/m)	Antenna	Verdict
113.420	31.73	N/A	N/A	N/A	43.50	N/A	Vertical	PASS
244.370	30.05	N/A	N/A	N/A	46.00	N/A	Vertical	PASS
663.410	35.48	N/A	N/A	N/A	46.00	N/A	Vertical	PASS
2404.267	46.88	N/A	N/A	68.23	N/A	N/A	Vertical	PASS
5633.800	46.92	N/A	N/A	68.23	N/A	N/A	Vertical	PASS
12160.320	47.53	N/A	N/A	74.00	N/A	54.00	Vertical	PASS

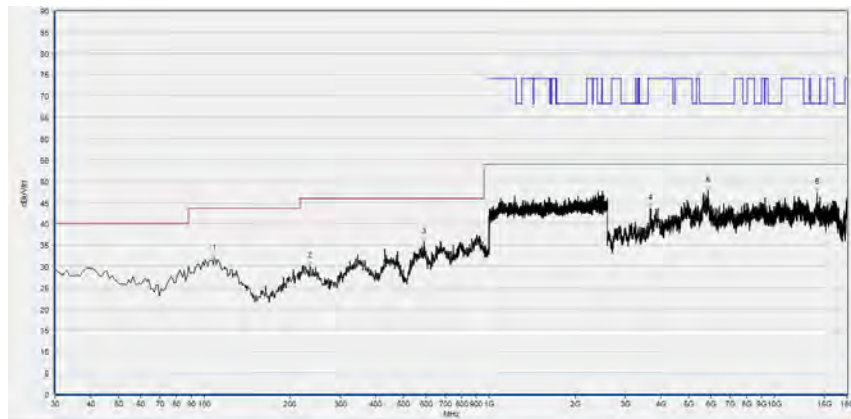
(Antenna Vertical, 30MHz to 18GHz)

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
109.540	32.44	N/A	N/A	N/A	43.50	N/A	Horizontal	PASS
224.970	30.28	N/A	N/A	N/A	46.00	N/A	Horizontal	PASS
594.540	34.92	N/A	N/A	N/A	46.00	N/A	Horizontal	PASS
2451.200	47.57	N/A	N/A	68.23	N/A	N/A	Horizontal	PASS
5753.920	48.25	N/A	N/A	68.23	N/A	N/A	Horizontal	PASS
12197.280	47.32	N/A	N/A	74.00	N/A	54.00	Horizontal	PASS

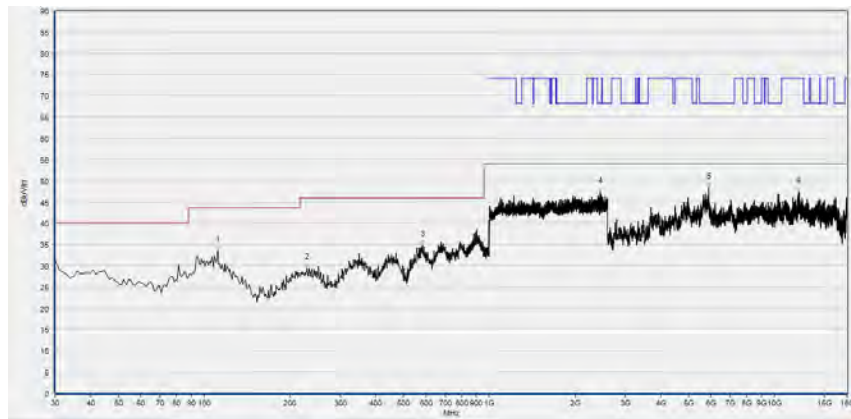
(Antenna Horizontal, 30MHz to 18GHz)



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	31.86	N/A	N/A	N/A	43.50	N/A	Vertical	PASS
234.670	30.01	N/A	N/A	N/A	46.00	N/A	Vertical	PASS
589.690	35.76	N/A	N/A	N/A	46.00	N/A	Vertical	PASS
3671.840	43.58	N/A	N/A	74.00	N/A	54.00	Vertical	PASS
5849.400	47.84	N/A	N/A	68.23	N/A	N/A	Vertical	PASS
14113.040	47.25	N/A	N/A	68.23	N/A	N/A	Vertical	PASS

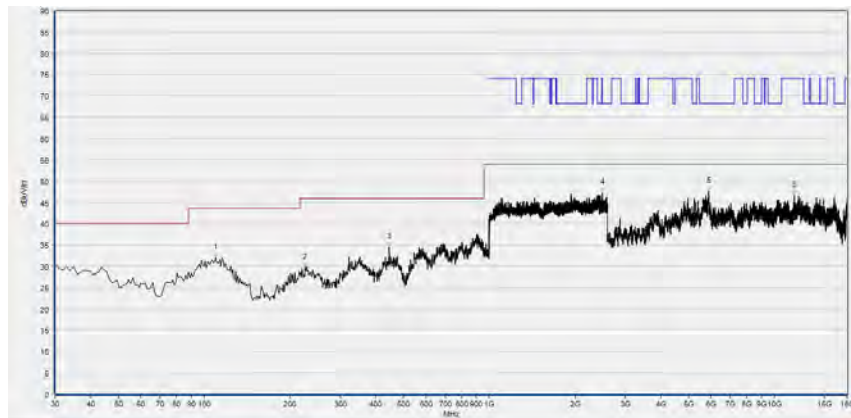
(Antenna Vertical, 30MHz to 18GHz)

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
111.480	33.54	N/A	N/A	N/A	43.50	N/A	Horizontal	PASS
229.820	29.54	N/A	N/A	N/A	46.00	N/A	Horizontal	PASS
582.900	34.83	N/A	N/A	N/A	46.00	N/A	Horizontal	PASS
2444.267	47.45	N/A	N/A	68.23	N/A	N/A	Horizontal	PASS
5874.040	48.51	N/A	N/A	68.23	N/A	N/A	Horizontal	PASS
12188.040	47.35	N/A	N/A	74.00	N/A	54.00	Horizontal	PASS

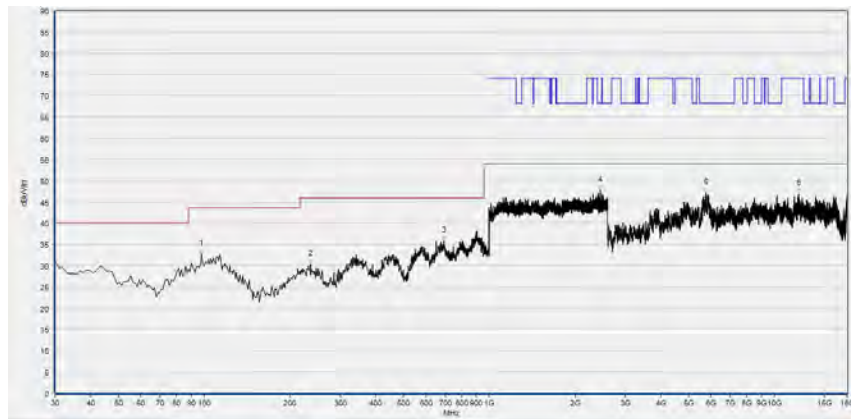
(Antenna Horizontal, 30MHz to 18GHz)



Fre. (MHz)	PK (dBμV/m)	QP (dBμV/m)	AV (dBμV/m)	Limit-PK (dBμV/m)	Limit-QP (dBμV/m)	Limit-AV (dBμV/m)	Antenna	Verdict
109.540	32.04	N/A	N/A	N/A	43.50	N/A	Vertical	PASS
225.940	29.64	N/A	N/A	N/A	46.00	N/A	Vertical	PASS
446.130	34.60	N/A	N/A	N/A	46.00	N/A	Vertical	PASS
2493.867	47.31	N/A	N/A	74.00	N/A	54.00	Vertical	PASS
5874.040	47.56	N/A	N/A	68.23	N/A	N/A	Vertical	PASS
11732.200	46.56	N/A	N/A	74.00	N/A	54.00	Vertical	PASS

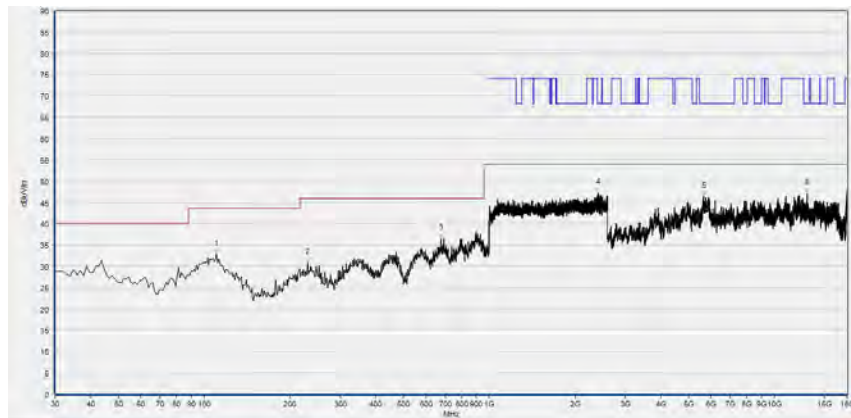
(Antenna Vertical, 30MHz to 18GHz)

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
97.900	32.61	N/A	N/A	N/A	43.50	N/A	Horizontal	PASS
236.610	30.25	N/A	N/A	N/A	46.00	N/A	Horizontal	PASS
692.510	35.91	N/A	N/A	N/A	46.00	N/A	Horizontal	PASS
2449.600	47.83	N/A	N/A	68.23	N/A	N/A	Horizontal	PASS
5741.600	47.11	N/A	N/A	68.23	N/A	N/A	Horizontal	PASS
12160.320	46.99	N/A	N/A	74.00	N/A	54.00	Horizontal	PASS

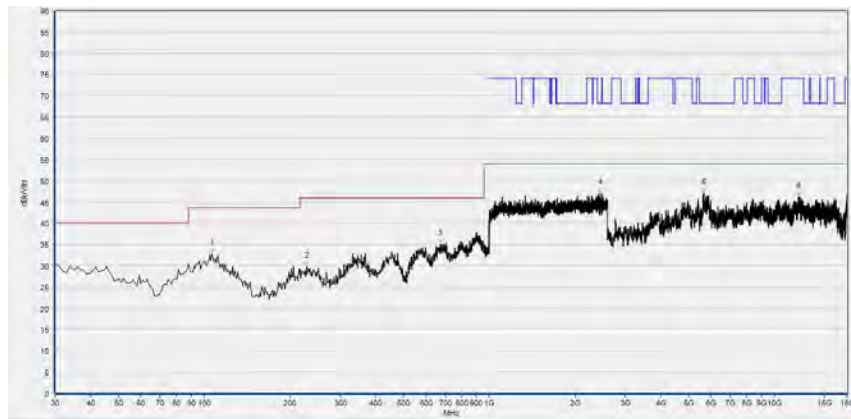
(Antenna Horizontal, 30MHz to 18GHz)



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
110.510	32.93	N/A	N/A	N/A	43.50	N/A	Vertical	PASS
230.790	30.90	N/A	N/A	N/A	46.00	N/A	Vertical	PASS
676.020	36.48	N/A	N/A	N/A	46.00	N/A	Vertical	PASS
2413.867	47.29	N/A	N/A	68.23	N/A	N/A	Vertical	PASS
5636.880	46.46	N/A	N/A	68.23	N/A	N/A	Vertical	PASS
13065.840	47.17	N/A	N/A	68.23	N/A	N/A	Vertical	PASS

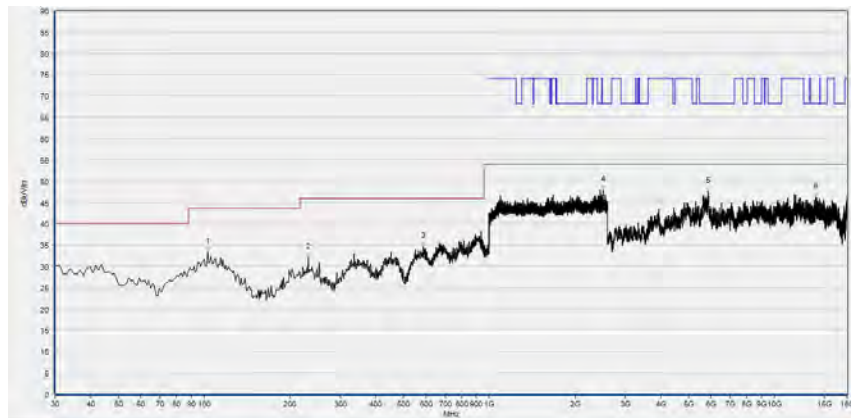
(Antenna Vertical, 30MHz to 18GHz)

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
106.630	32.78	N/A	N/A	N/A	43.50	N/A	Horizontal	PASS
228.850	29.79	N/A	N/A	N/A	46.00	N/A	Horizontal	PASS
675.050	35.00	N/A	N/A	N/A	46.00	N/A	Horizontal	PASS
2454.400	47.09	N/A	N/A	68.23	N/A	N/A	Horizontal	PASS
5636.880	47.07	N/A	N/A	68.23	N/A	N/A	Horizontal	PASS
12141.840	46.24	N/A	N/A	74.00	N/A	54.00	Horizontal	PASS

(Antenna Horizontal, 30MHz to 18GHz)

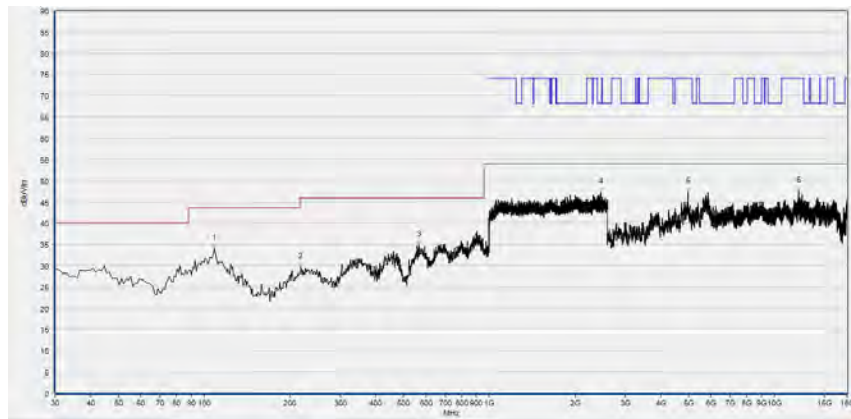


Fre. (MHz)	PK (dBμV/m)	QP (dBμV/m)	AV (dBμV/m)	Limit-PK (dBμV/m)	Limit-QP (dBμV/m)	Limit-AV (dBμV/m)	Antenna	Verdict
102.750	33.30	N/A	N/A	N/A	43.50	N/A	Vertical	PASS
231.760	31.99	N/A	N/A	N/A	46.00	N/A	Vertical	PASS
586.780	34.66	N/A	N/A	N/A	46.00	N/A	Vertical	PASS
2512.533	48.00	N/A	N/A	68.23	N/A	N/A	Vertical	PASS
5855.560	47.63	N/A	N/A	68.23	N/A	N/A	Vertical	PASS
13996.000	46.19	N/A	N/A	74.00	N/A	54.00	Vertical	PASS

(Antenna Vertical, 30MHz to 18GHz)

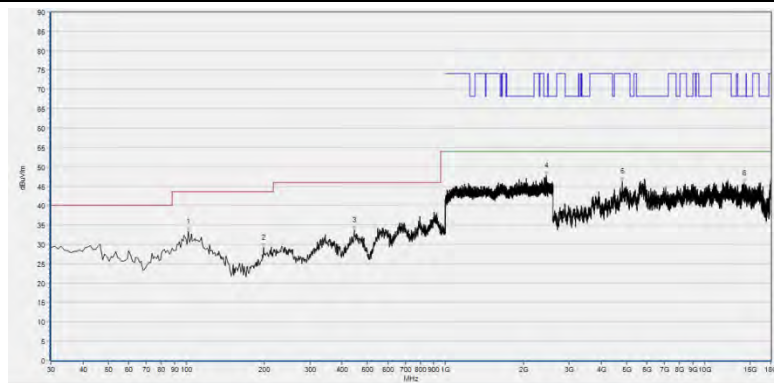


Plot for Channel 165



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
108.570	33.98	N/A	N/A	N/A	43.50	N/A	Horizontal	PASS
218.180	29.74	N/A	N/A	N/A	46.00	N/A	Horizontal	PASS
567.380	34.81	N/A	N/A	N/A	46.00	N/A	Horizontal	PASS
2458.133	47.21	N/A	N/A	68.23	N/A	N/A	Horizontal	PASS
4977.760	47.35	N/A	N/A	68.23	N/A	N/A	Horizontal	PASS
12169.560	47.64	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	33.42	N/A	N/A	N/A	43.50	N/A	Vertical	PASS
198.780	29.15	N/A	N/A	N/A	46.00	N/A	Vertical	PASS
444.190	33.68	N/A	N/A	N/A	46.00	N/A	Vertical	PASS
2452.800	47.83	N/A	N/A	68.23	N/A	N/A	Vertical	PASS
4811.440	46.19	N/A	N/A	74.00	N/A	54.00	Vertical	PASS
14171.560	45.79	N/A	N/A	68.23	N/A	N/A	Vertical	PASS

(Antenna Vertical, 30MHz to 18GHz)

END OF REPORT