



PSD NVNT ax20 26@0 2437MHz Ant1



PSD NVNT ax20 26@0 2437MHz Ant2





PSD NVNT ax20 26@0 2437MHz Ant1



PSD NVNT ax20 26@0 2437MHz Ant2





PSD NVNT ax20 26@0 2462MHz Ant1



PSD NVNT ax20 26@0 2462MHz Ant2

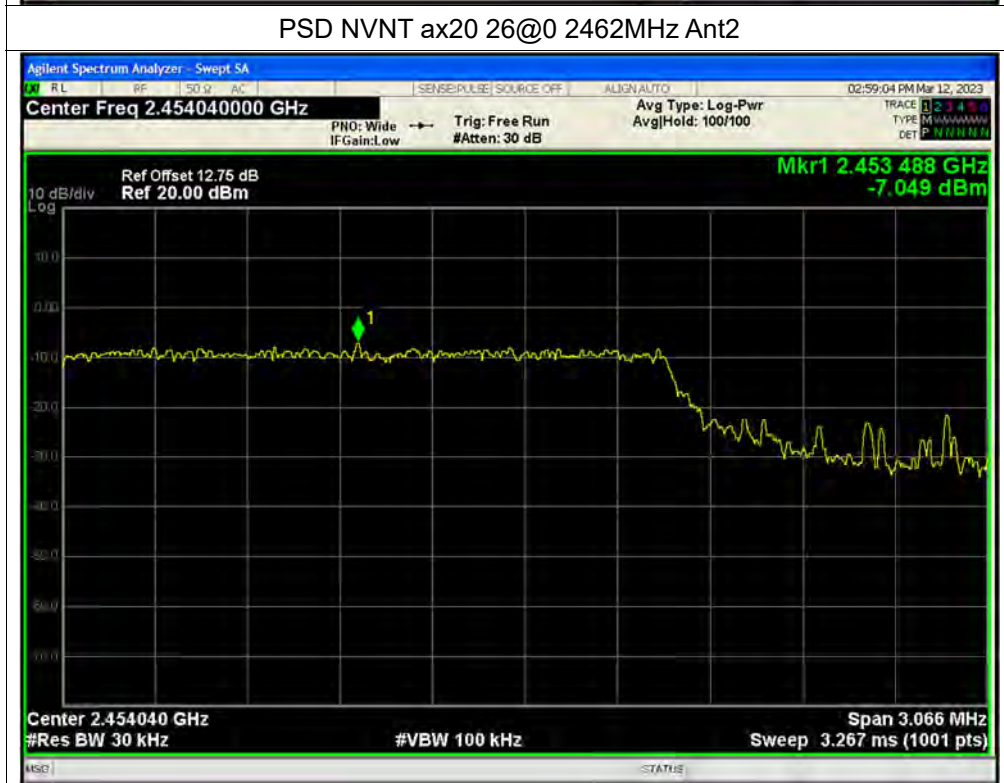




PSD NVNT ax20 26@0 2462MHz Ant1

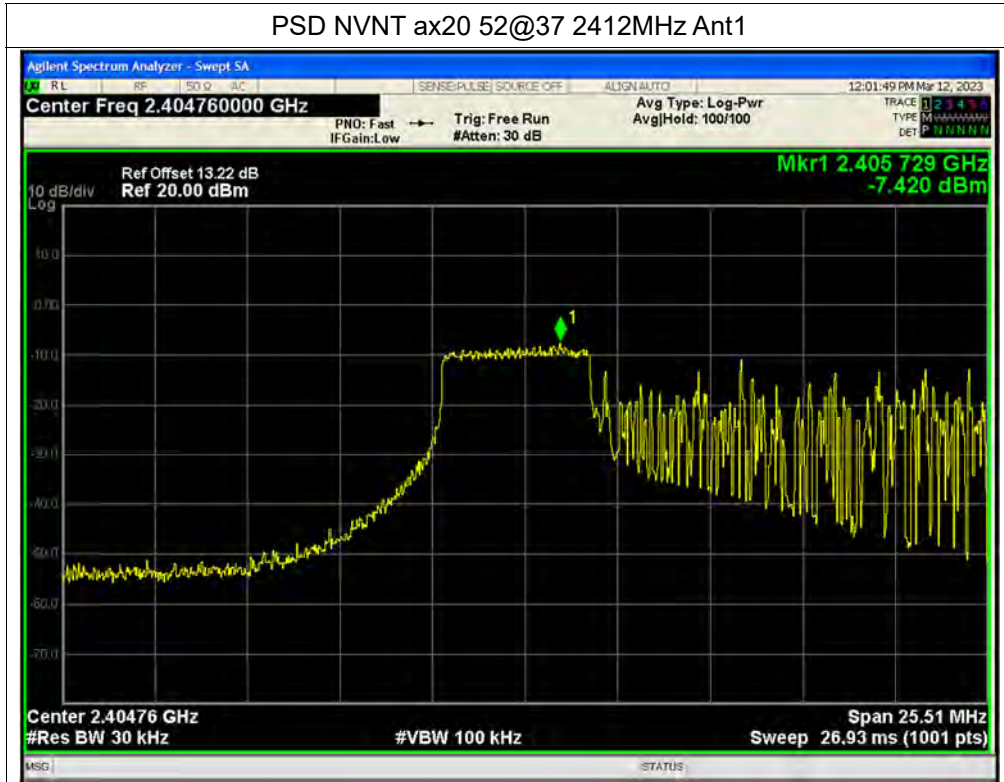


PSD NVNT ax20 26@0 2462MHz Ant2





PSD NVNT ax20 52@37 2412MHz Ant1

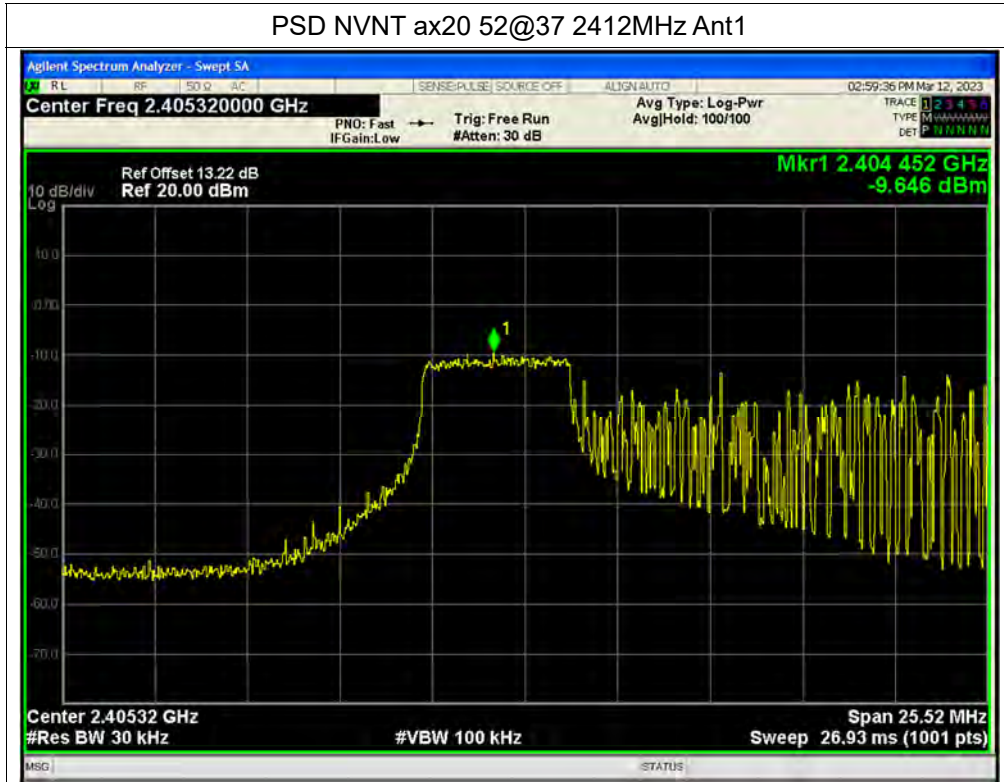


PSD NVNT ax20 52@37 2412MHz Ant2

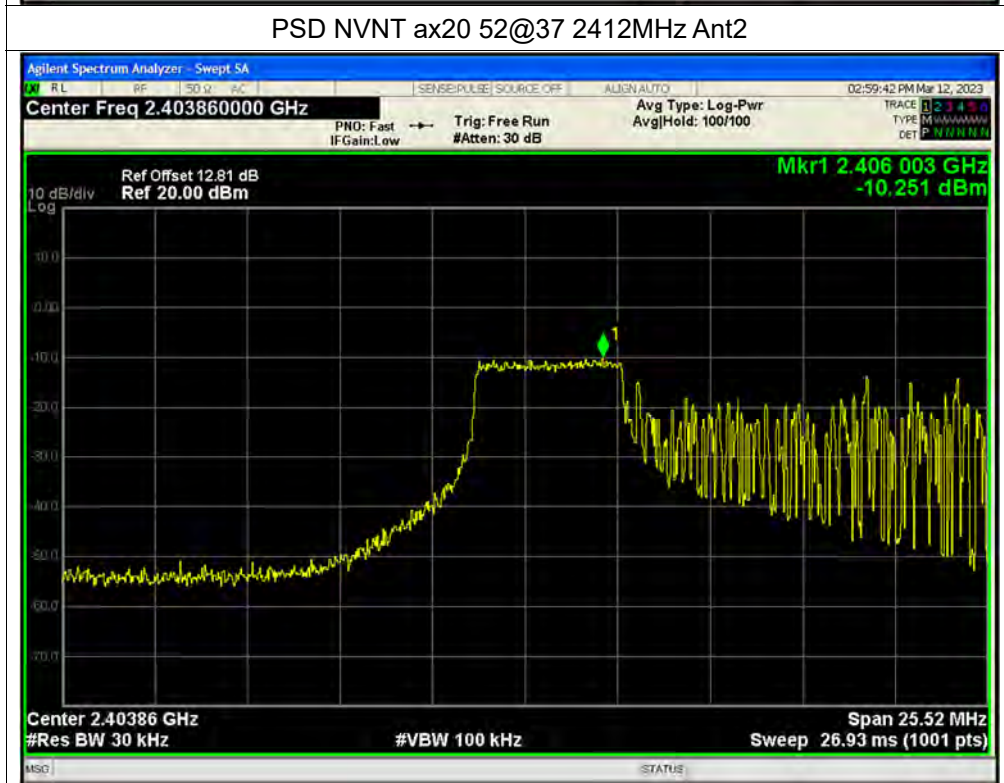




PSD NVNT ax20 52@37 2412MHz Ant1

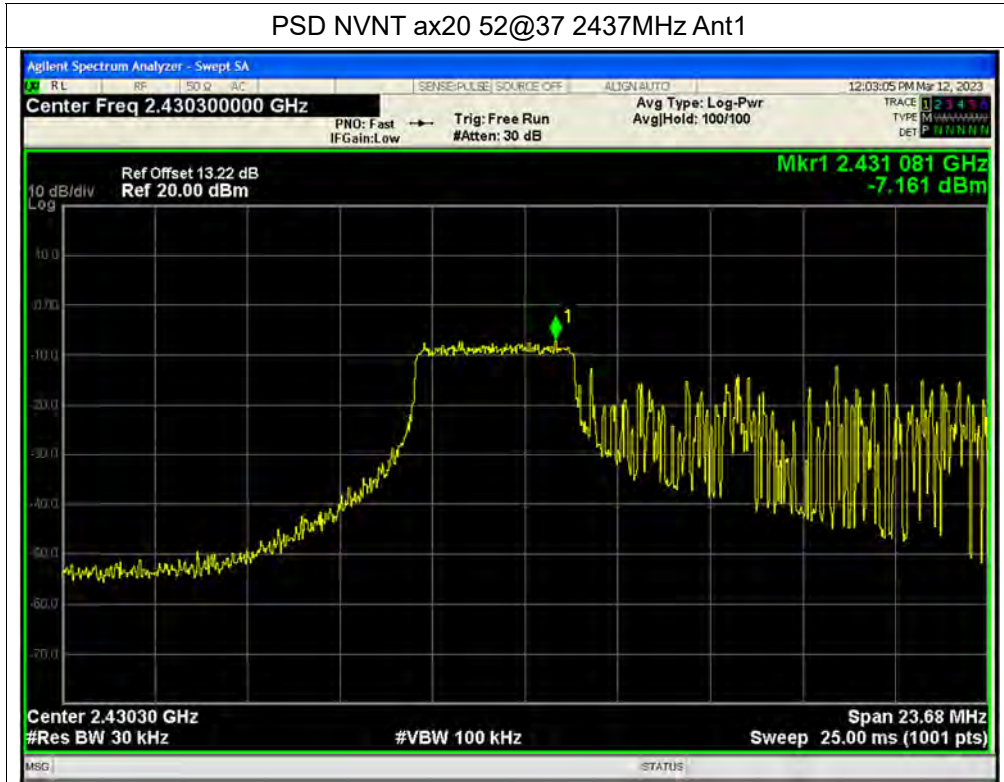


PSD NVNT ax20 52@37 2412MHz Ant2

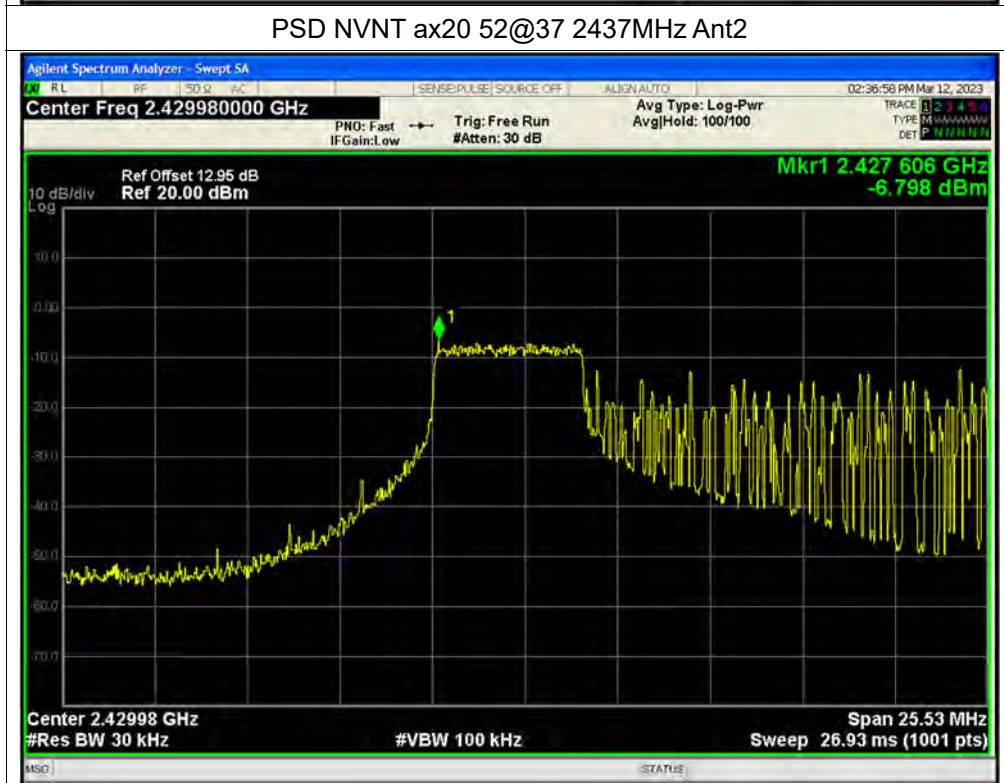




PSD NVNT ax20 52@37 2437MHz Ant1



PSD NVNT ax20 52@37 2437MHz Ant2





PSD NVNT ax20 52@37 2437MHz Ant1



PSD NVNT ax20 52@37 2437MHz Ant2

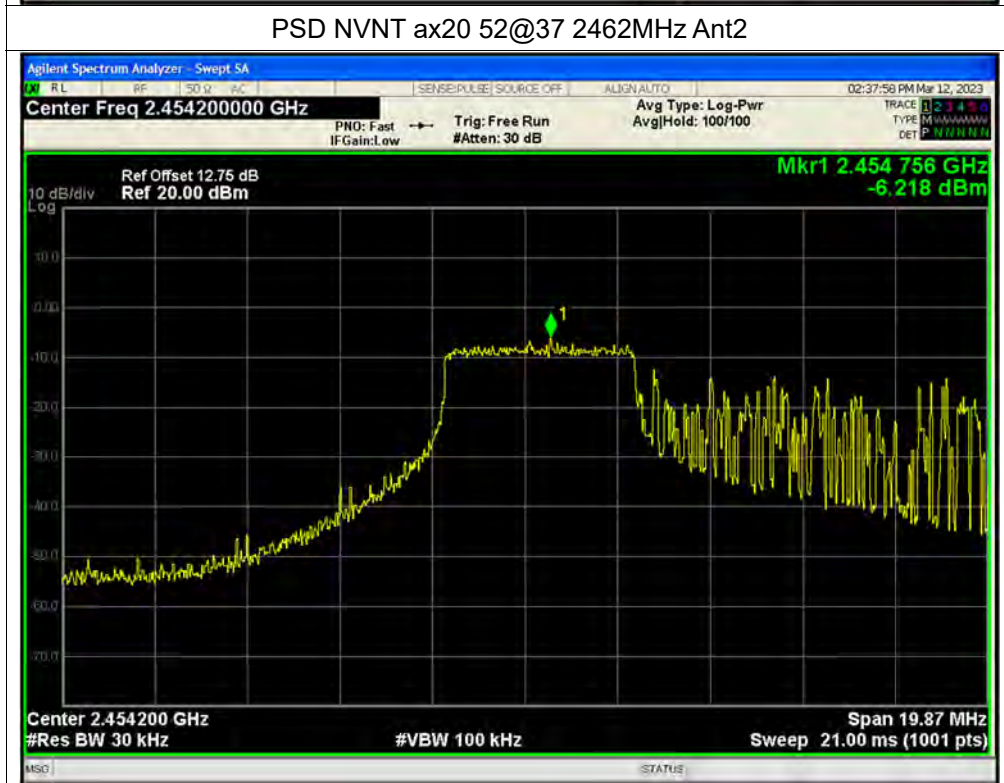




PSD NVNT ax20 52@37 2462MHz Ant1



PSD NVNT ax20 52@37 2462MHz Ant2





PSD NVNT ax20 52@37 2462MHz Ant1



PSD NVNT ax20 52@37 2462MHz Ant2





PSD NVNT ax20 106@53 2412MHz Ant1

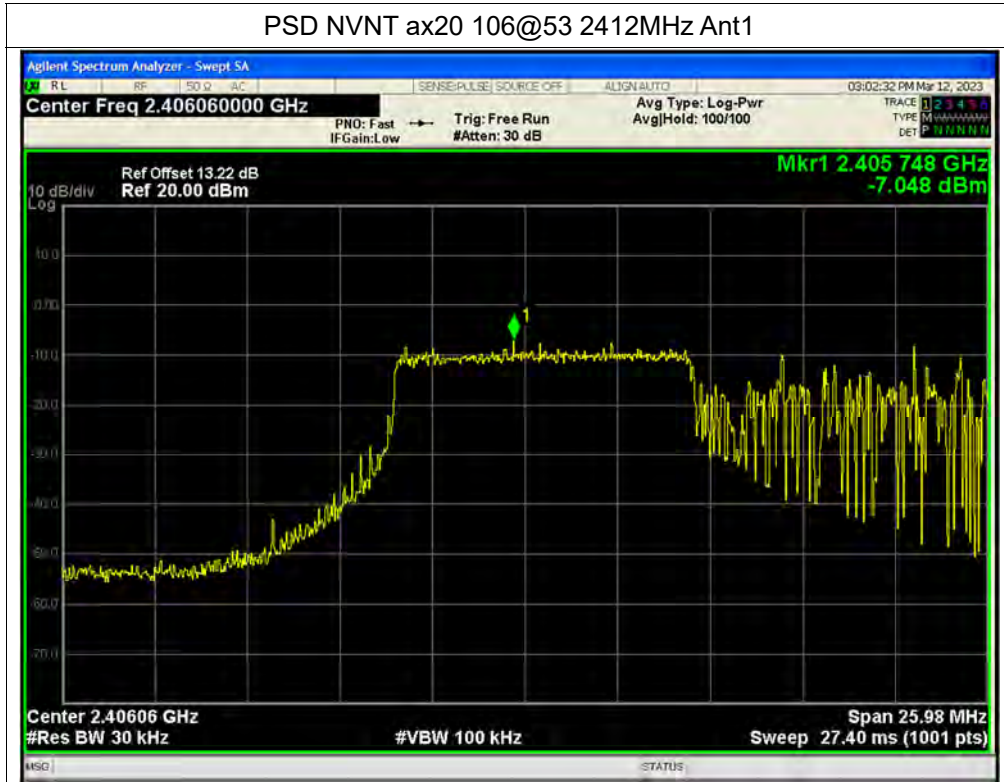


PSD NVNT ax20 106@53 2412MHz Ant2





PSD NVNT ax20 106@53 2412MHz Ant1



PSD NVNT ax20 106@53 2412MHz Ant2





PSD NVNT ax20 106@53 2437MHz Ant1



PSD NVNT ax20 106@53 2437MHz Ant2





PSD NVNT ax20 106@53 2437MHz Ant1



PSD NVNT ax20 106@53 2437MHz Ant2





PSD NVNT ax20 106@53 2462MHz Ant1

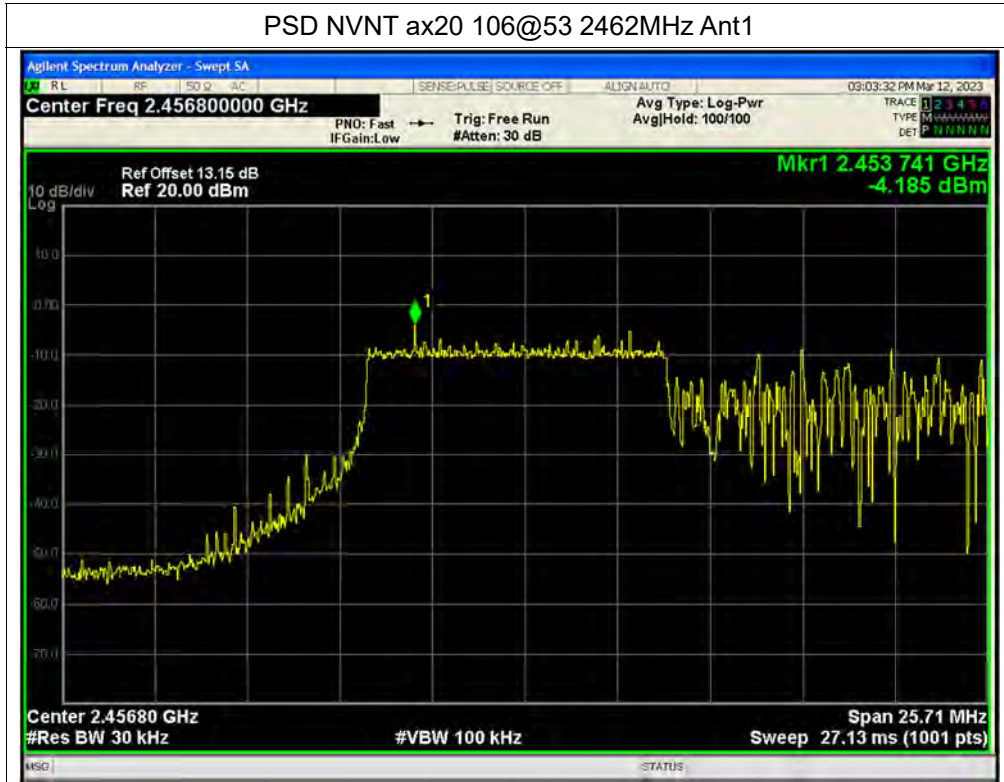


PSD NVNT ax20 106@53 2462MHz Ant2

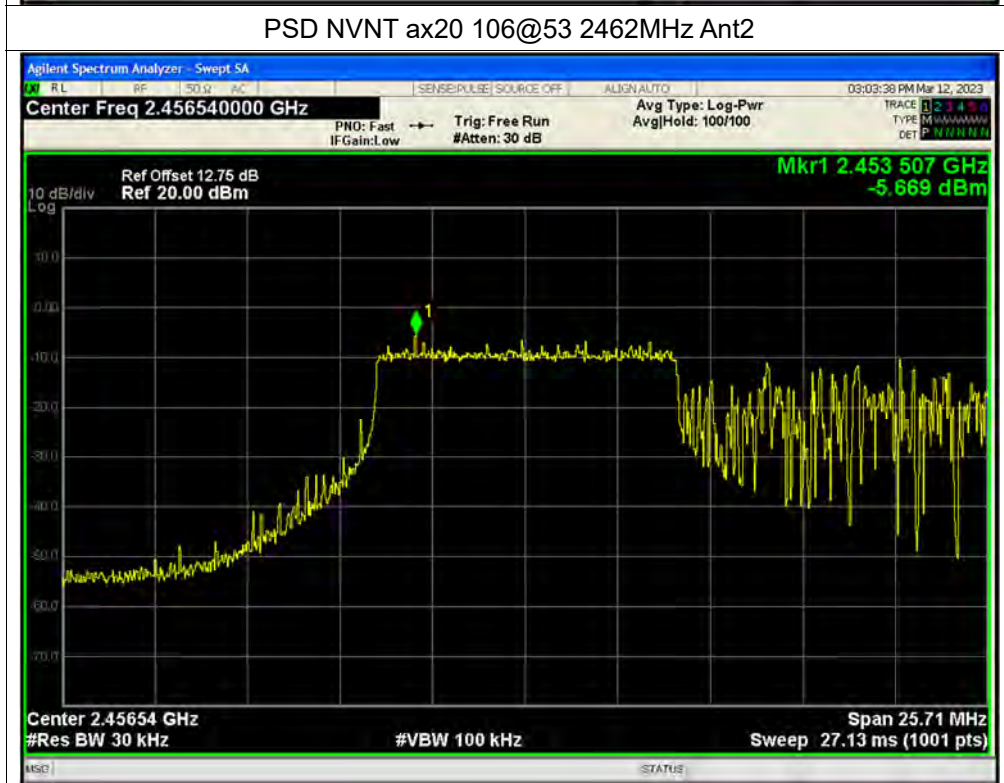




PSD NVNT ax20 106@53 2462MHz Ant1



PSD NVNT ax20 106@53 2462MHz Ant2





PSD NVNT ax40 26@0 2422MHz Ant1



PSD NVNT ax40 26@0 2422MHz Ant2





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PSD NVNT ax40 26@0 2437MHz Ant2





PSD NVNT ax40 26@0 2452MHz Ant1



PSD NVNT ax40 26@0 2452MHz Ant2





PSD NVNT ax40 26@0 2452MHz Ant1

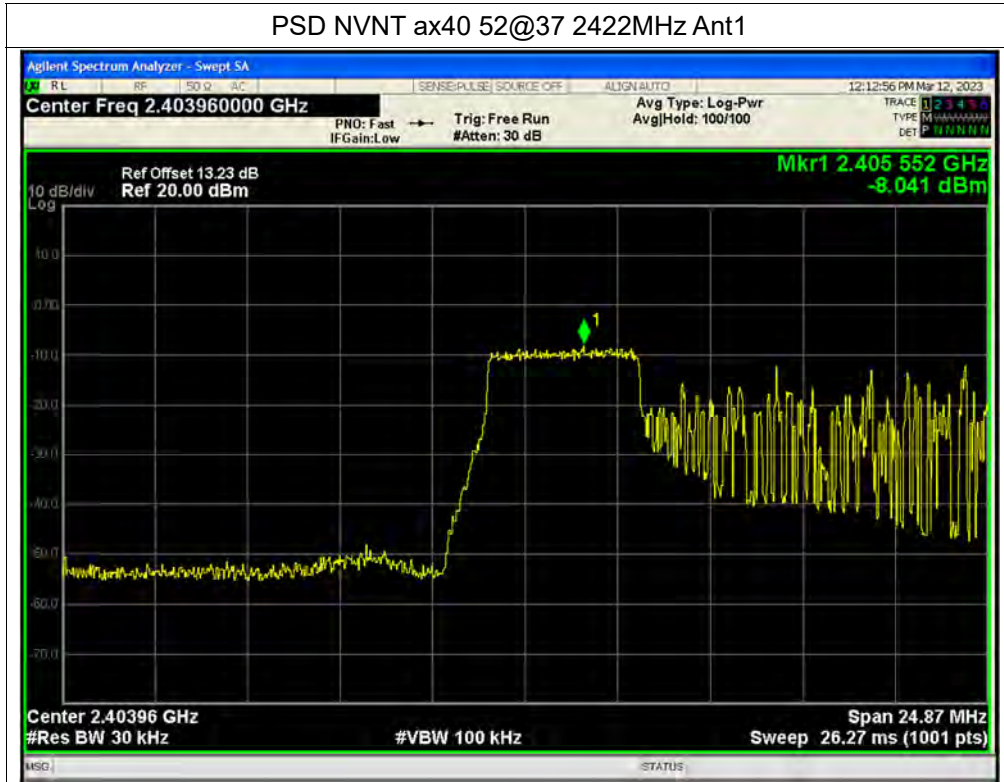


PSD NVNT ax40 26@0 2452MHz Ant2

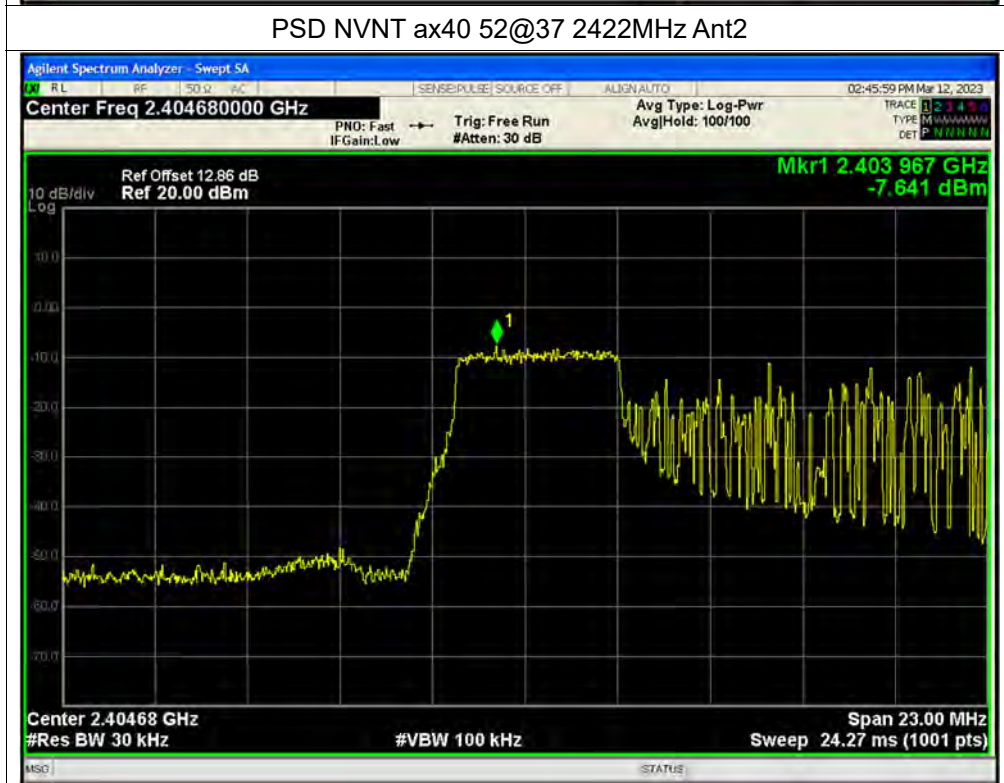




PSD NVNT ax40 52@37 2422MHz Ant1

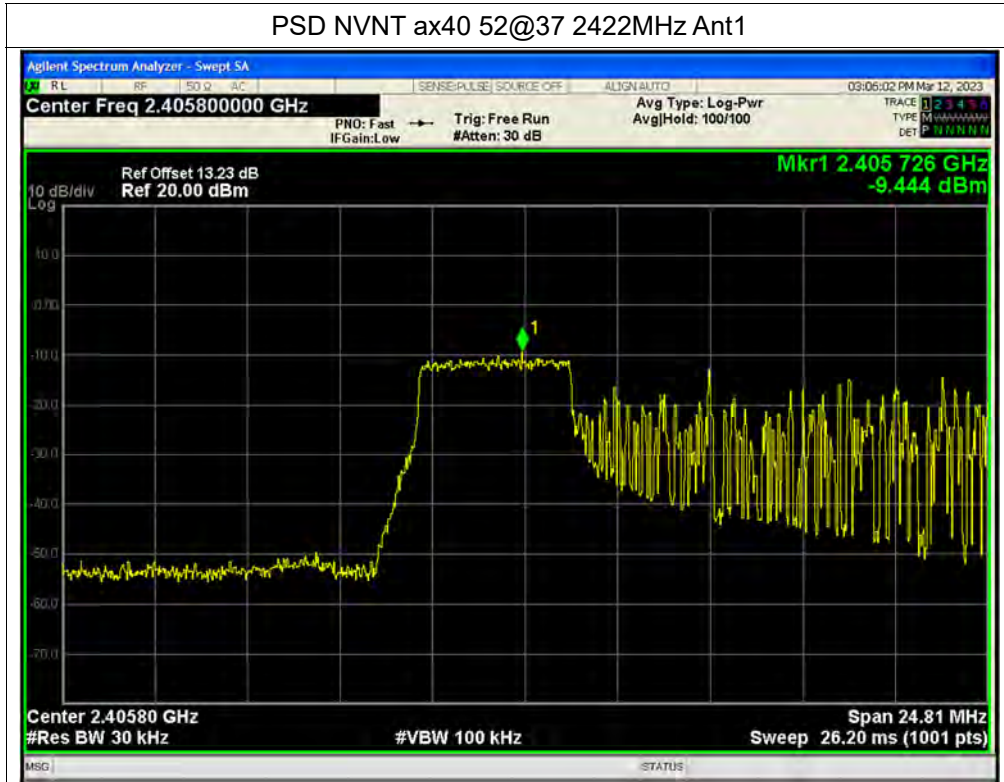


PSD NVNT ax40 52@37 2422MHz Ant2

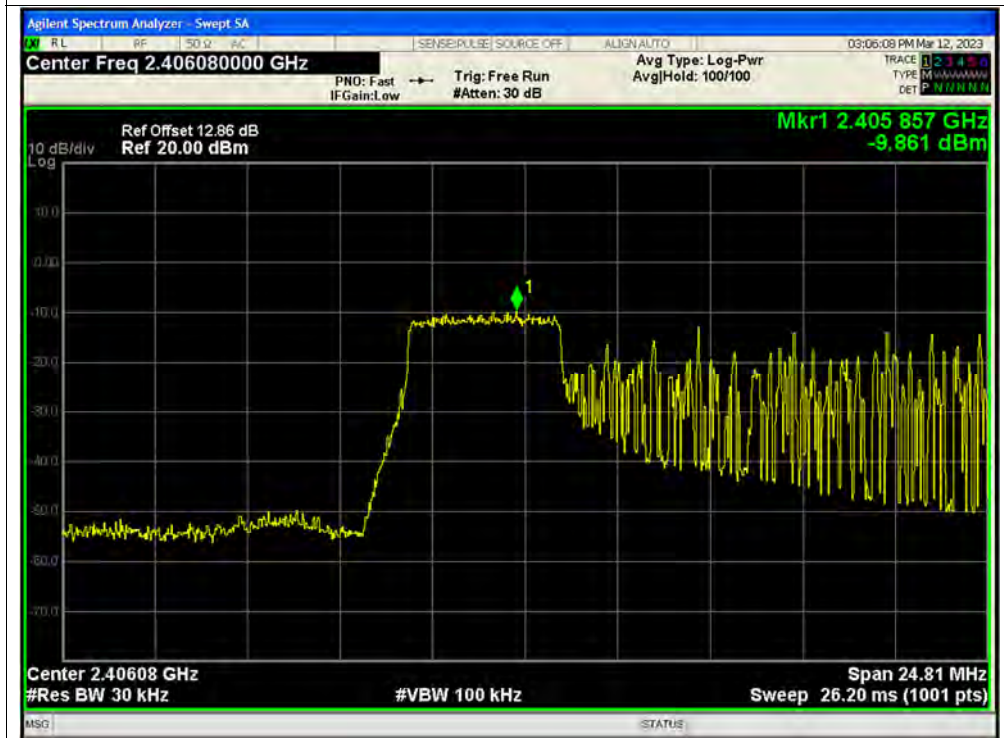




PSD NVNT ax40 52@37 2422MHz Ant1

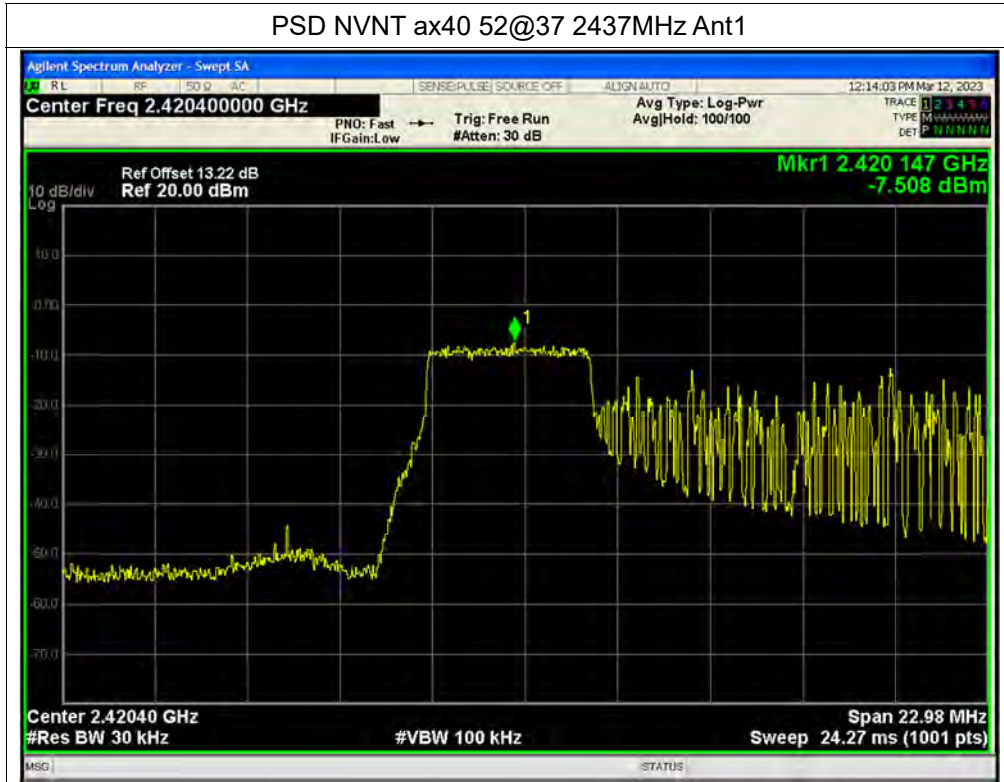


PSD NVNT ax40 52@37 2422MHz Ant2

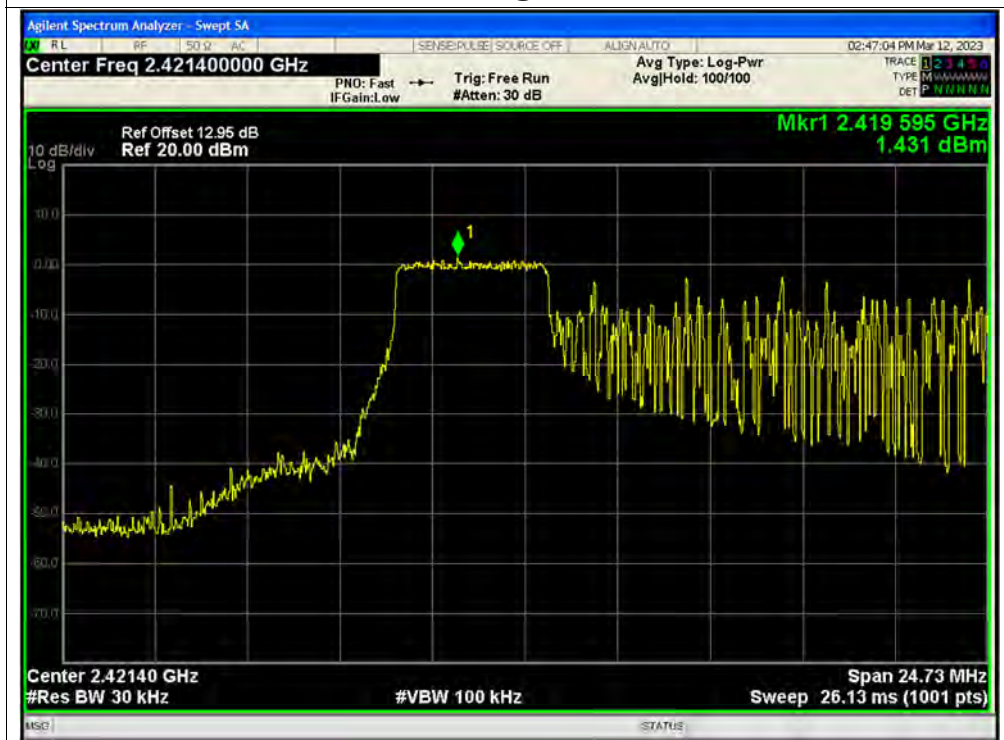




PSD NVNT ax40 52@37 2437MHz Ant1

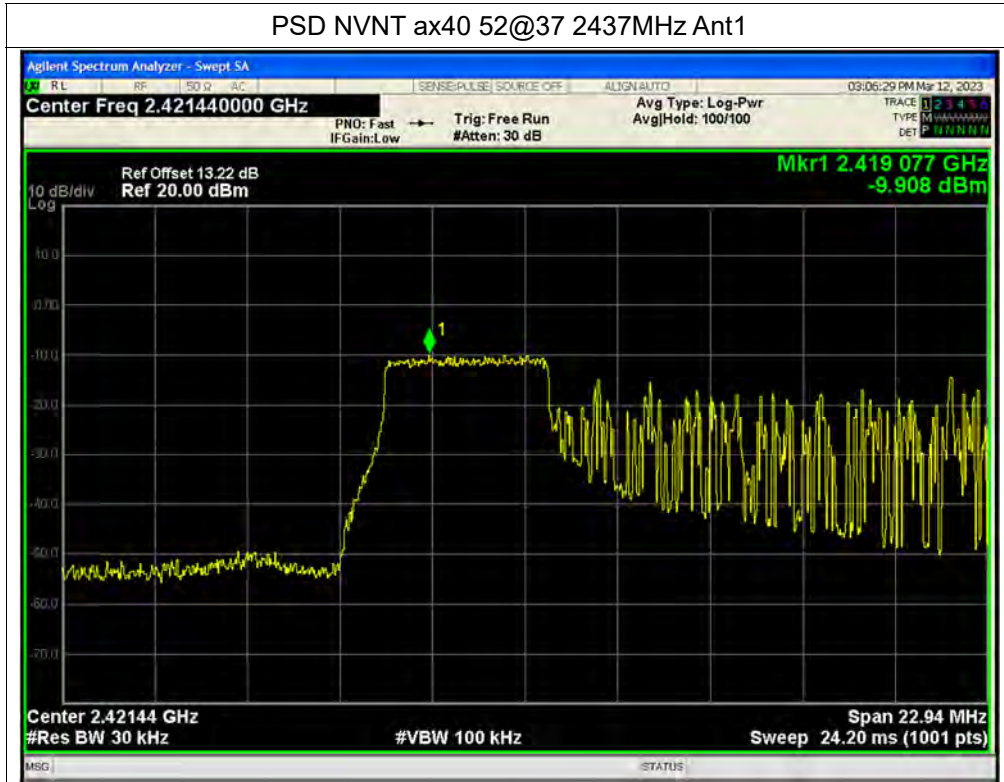


PSD NVNT ax40 52@37 2437MHz Ant2

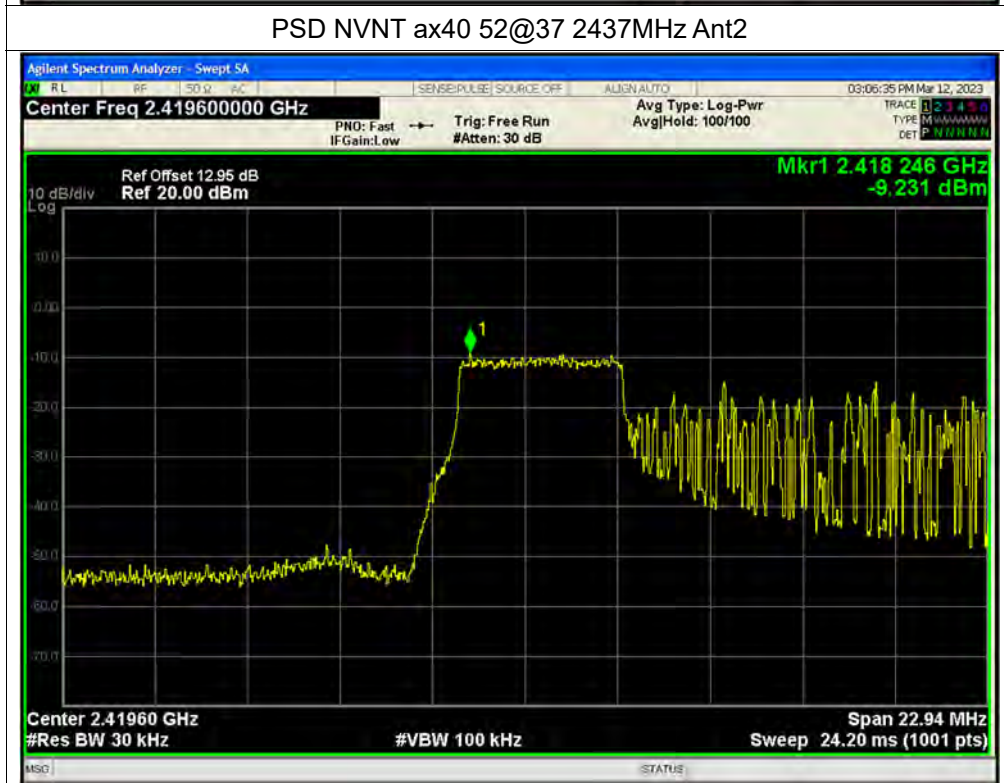




PSD NVNT ax40 52@37 2437MHz Ant1

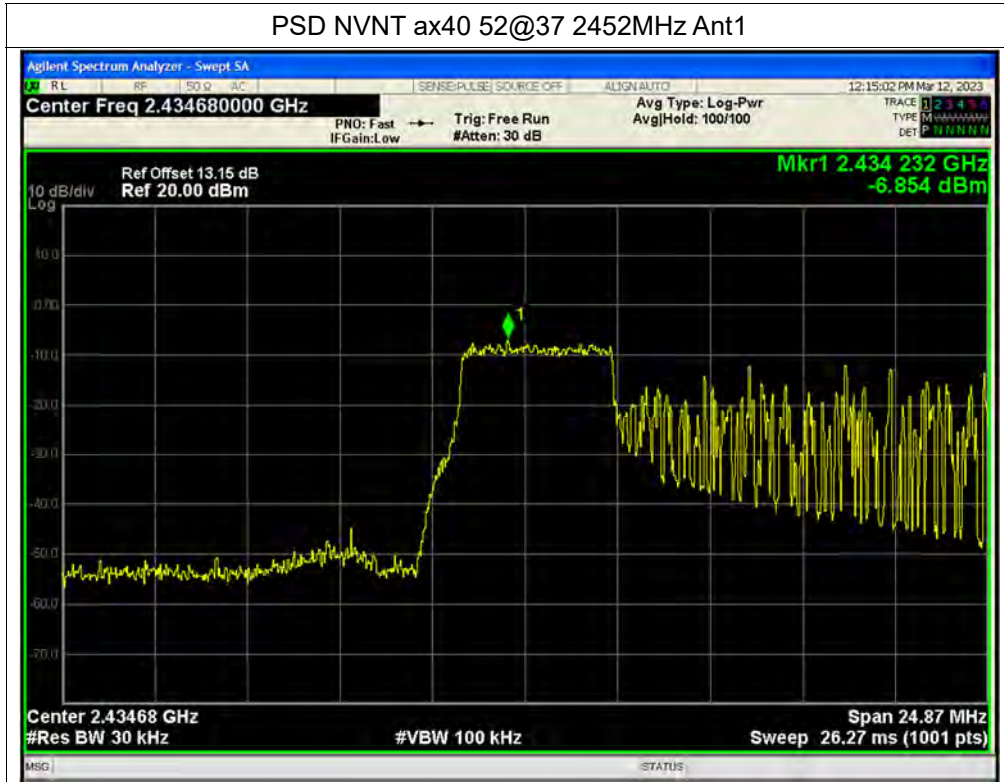


PSD NVNT ax40 52@37 2437MHz Ant2





PSD NVNT ax40 52@37 2452MHz Ant1

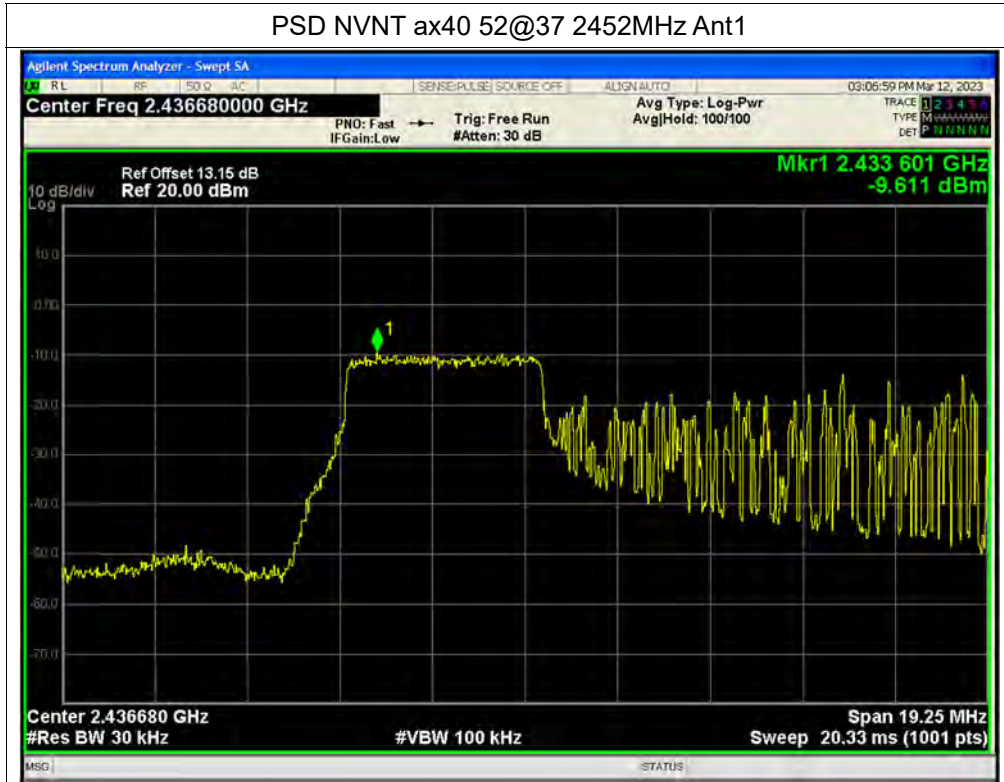


PSD NVNT ax40 52@37 2452MHz Ant2

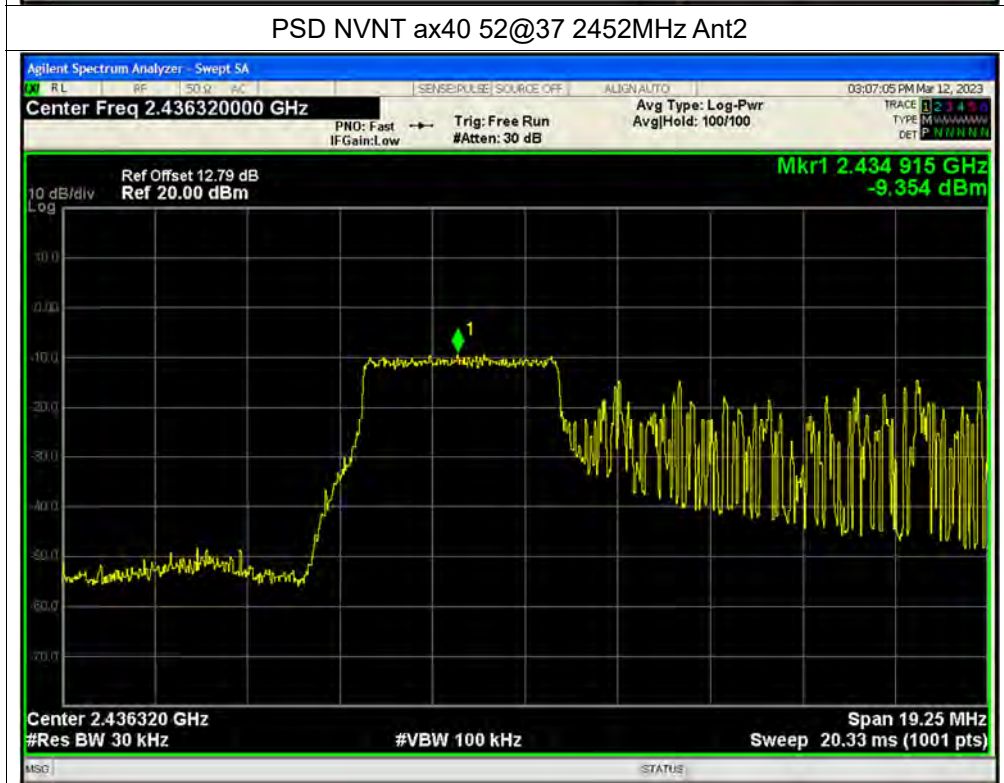




PSD NVNT ax40 52@37 2452MHz Ant1



PSD NVNT ax40 52@37 2452MHz Ant2





PSD NVNT ax40 106@53 2422MHz Ant1

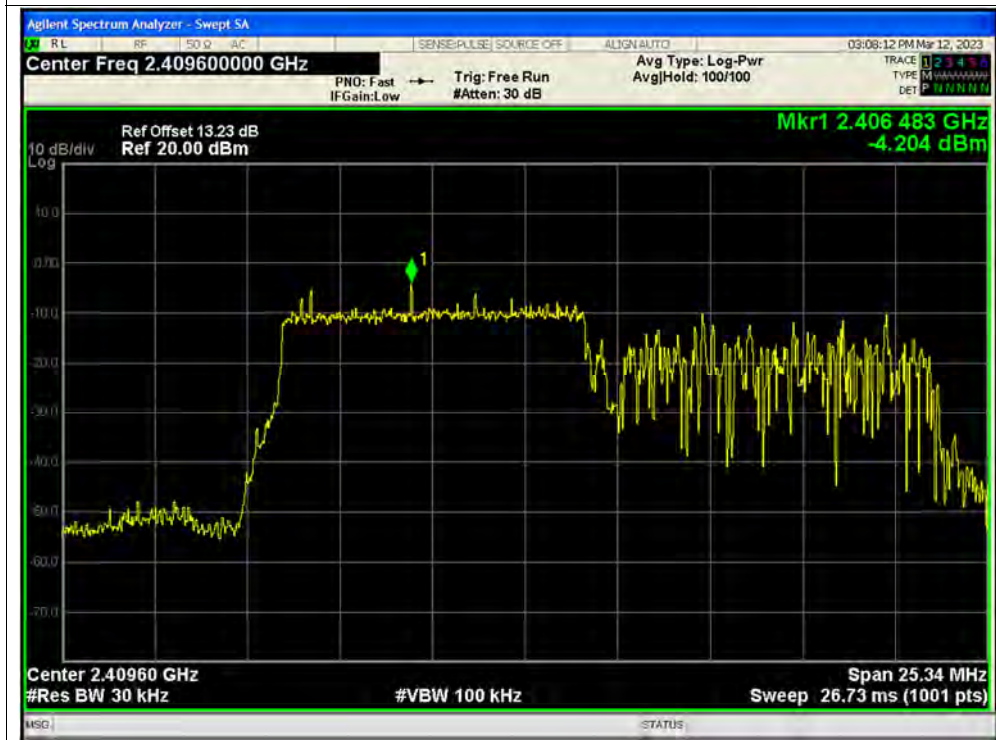


PSD NVNT ax40 106@53 2422MHz Ant2





PSD NVNT ax40 106@53 2422MHz Ant1

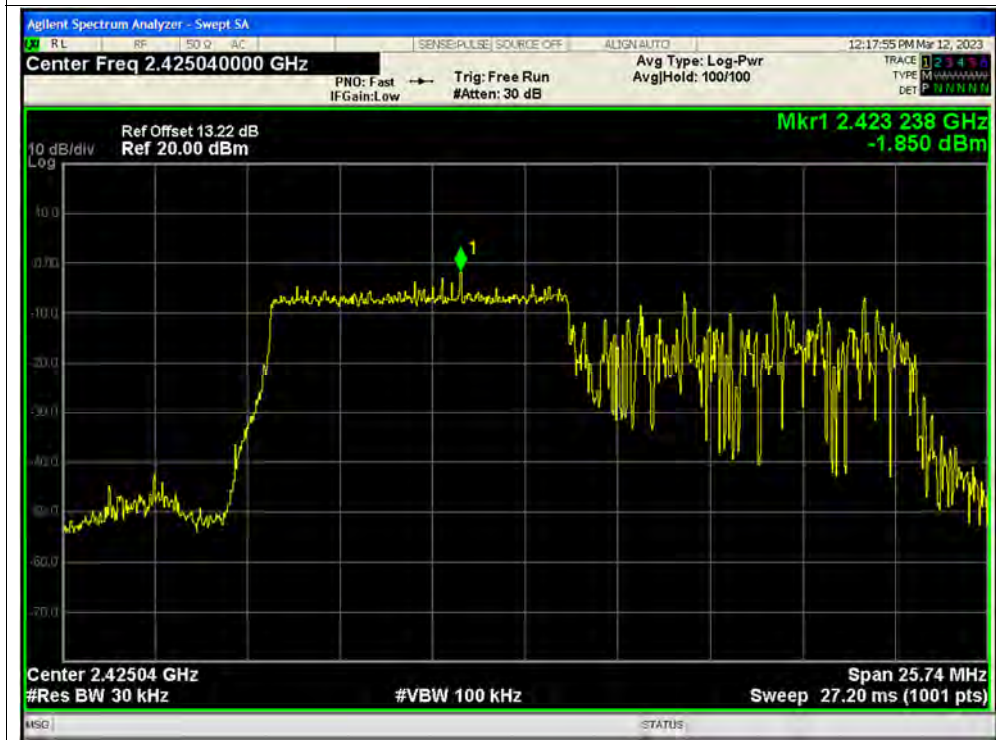


PSD NVNT ax40 106@53 2422MHz Ant2





PSD NVNT ax40 106@53 2437MHz Ant1



PSD NVNT ax40 106@53 2437MHz Ant2





PSD NVNT ax40 106@53 2437MHz Ant1



PSD NVNT ax40 106@53 2437MHz Ant2





PSD NVNT ax40 106@53 2452MHz Ant1



PSD NVNT ax40 106@53 2452MHz Ant2





PSD NVNT ax40 106@53 2452MHz Ant1

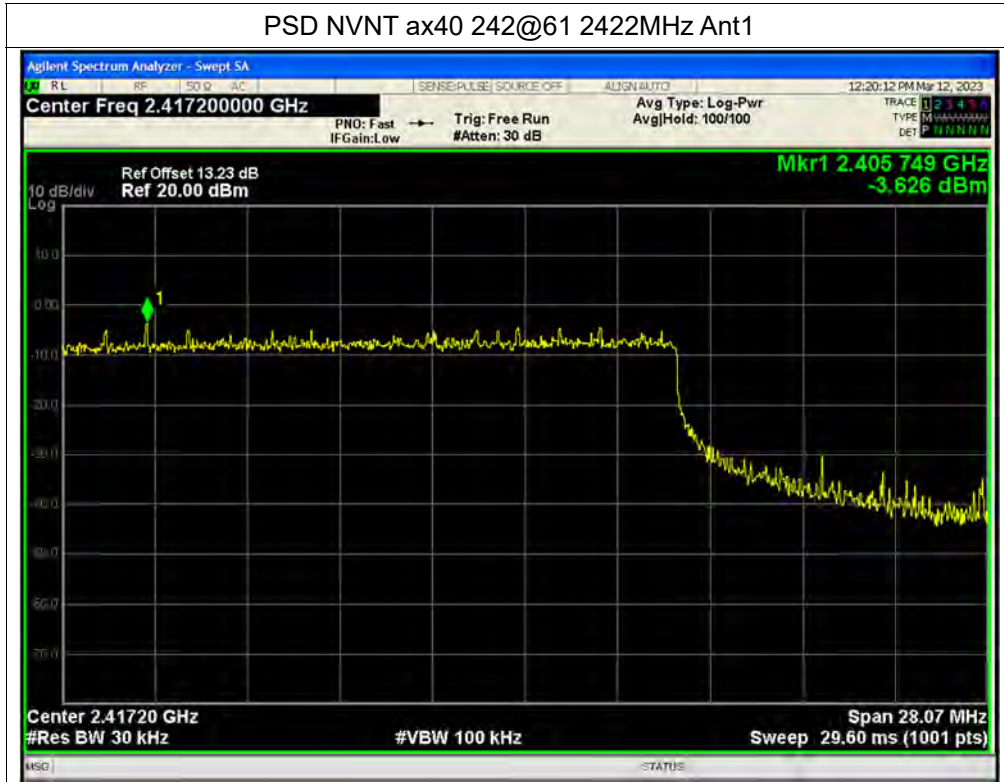


PSD NVNT ax40 106@53 2452MHz Ant2

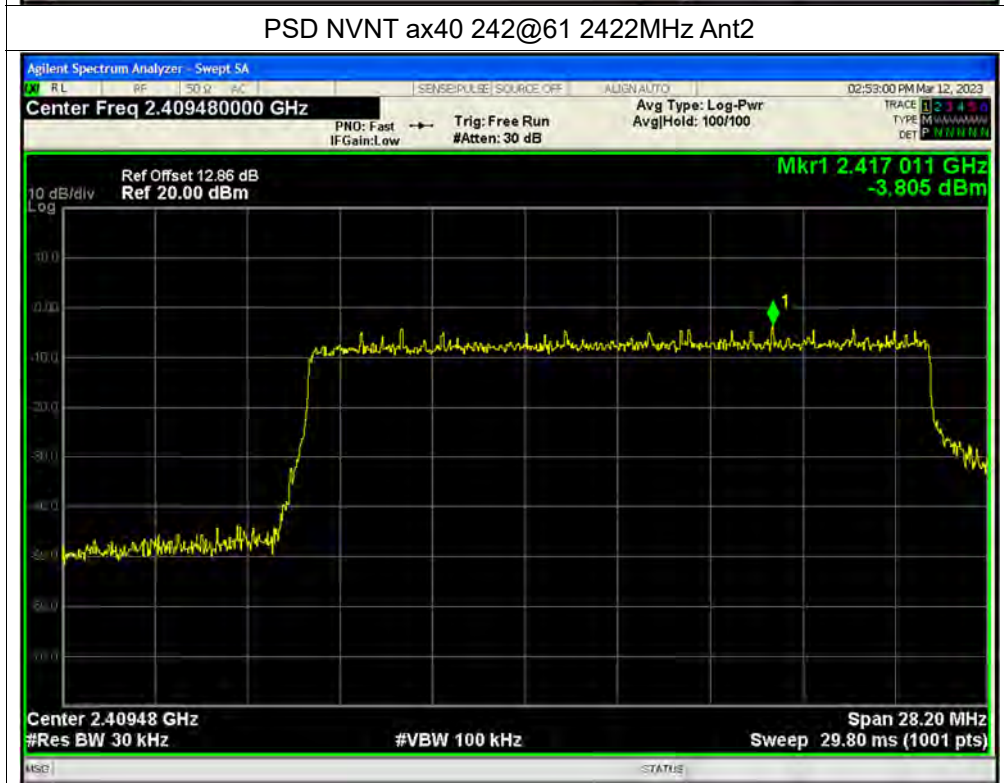




PSD NVNT ax40 242@61 2422MHz Ant1



PSD NVNT ax40 242@61 2422MHz Ant2





PSD NVNT ax40 242@61 2422MHz Ant1

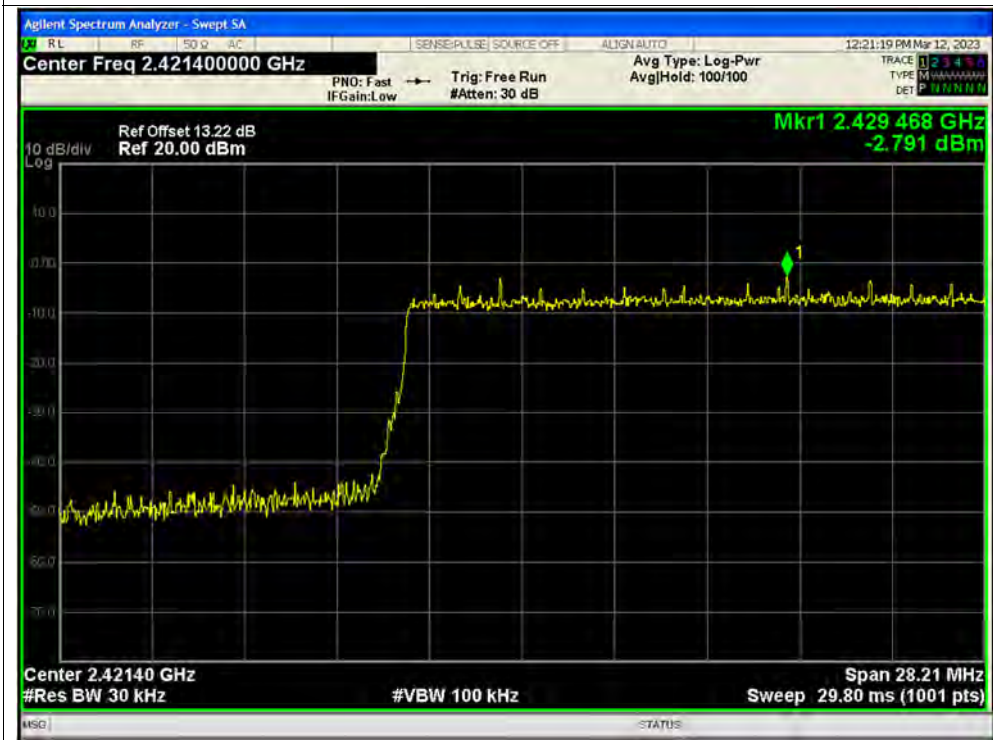


PSD NVNT ax40 242@61 2422MHz Ant2

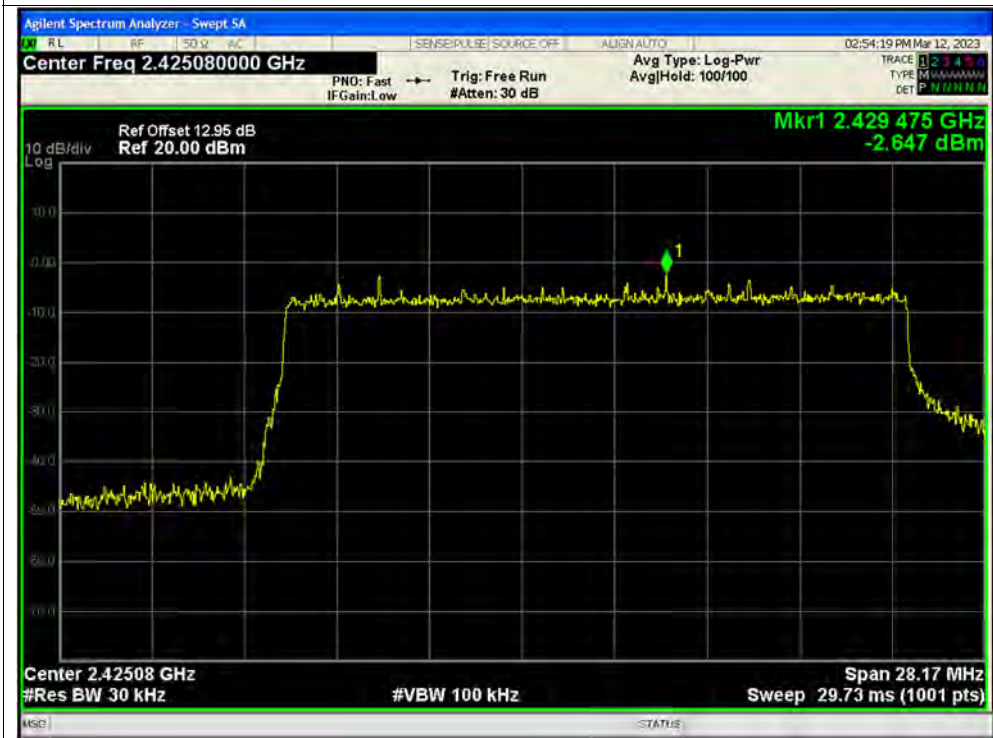




PSD NVNT ax40 242@61 2437MHz Ant1

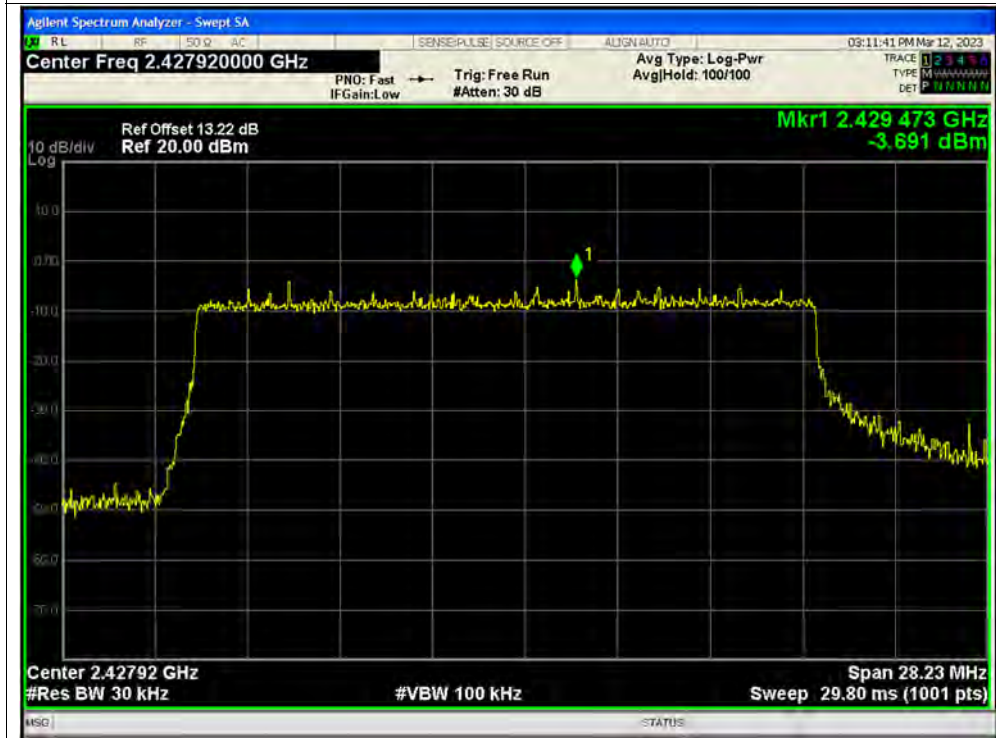


PSD NVNT ax40 242@61 2437MHz Ant2





PSD NVNT ax40 242@61 2437MHz Ant1

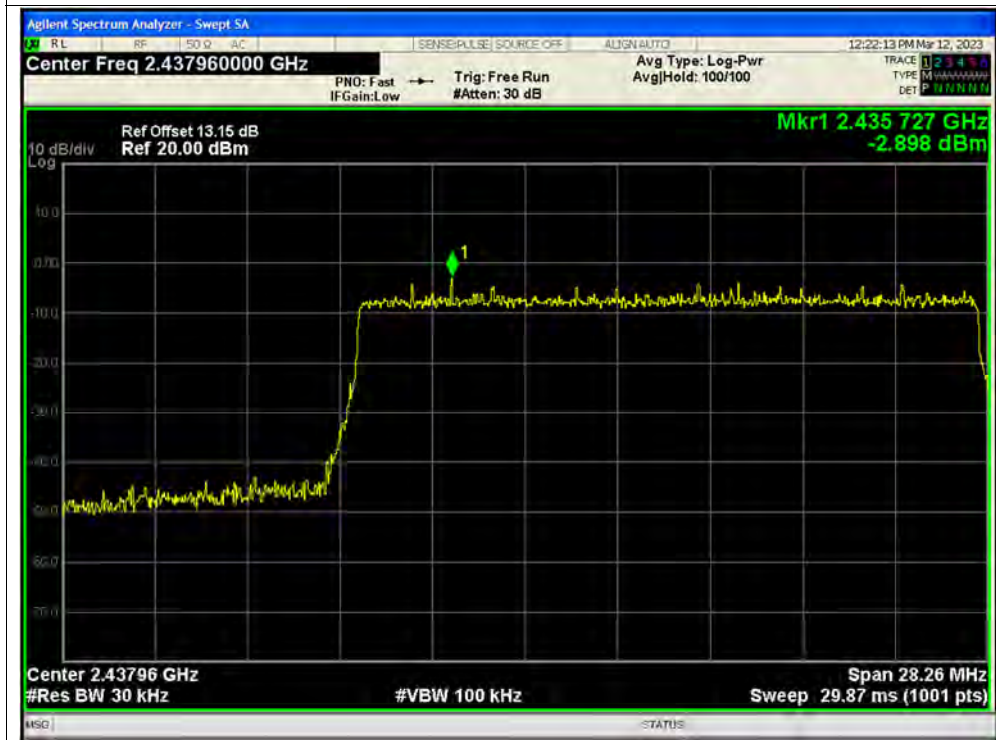


PSD NVNT ax40 242@61 2437MHz Ant2





PSD NVNT ax40 242@61 2452MHz Ant1

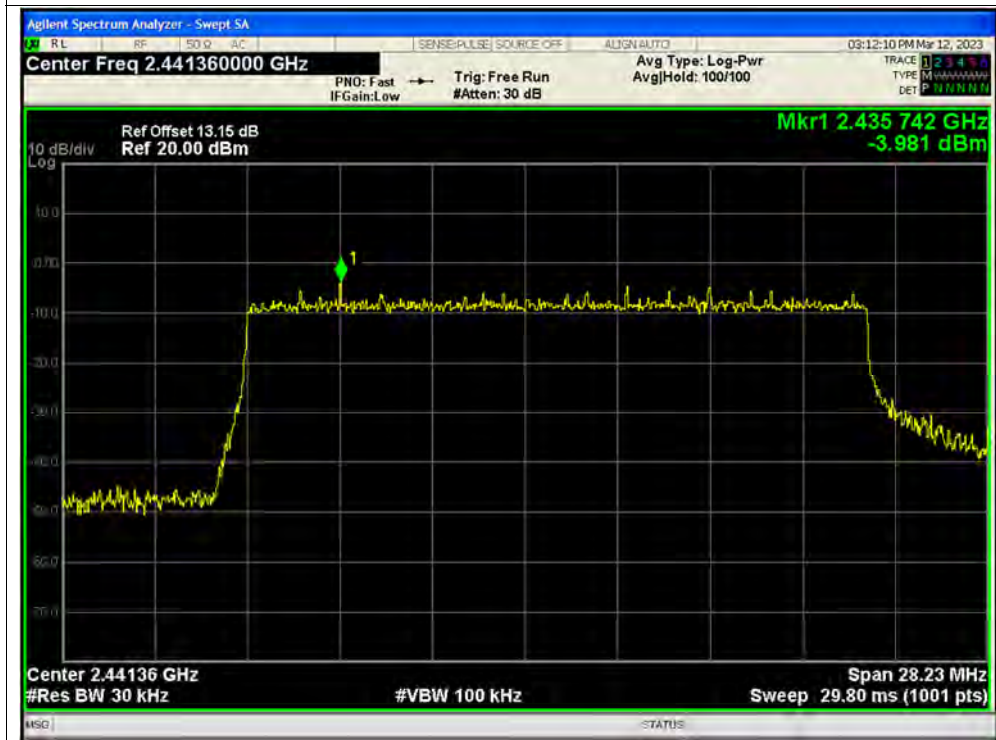


PSD NVNT ax40 242@61 2452MHz Ant2

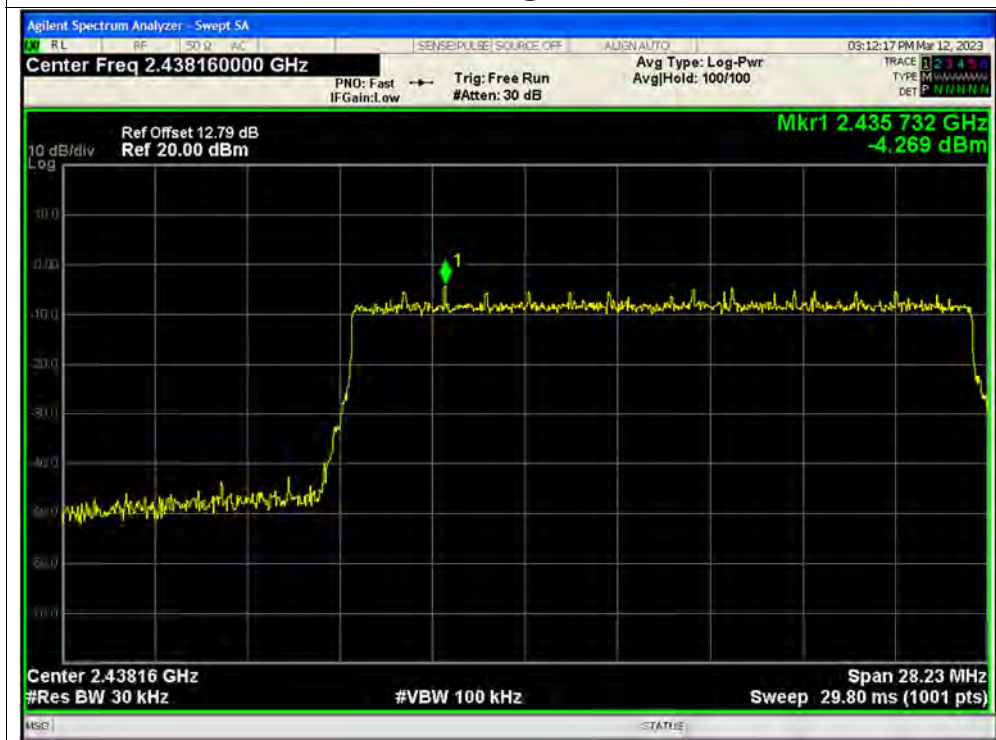




PSD NVNT ax40 242@61 2452MHz Ant1



PSD NVNT ax40 242@61 2452MHz Ant2





A.8. 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 + WIFI TX

Test voltage: AC 120V/60Hz

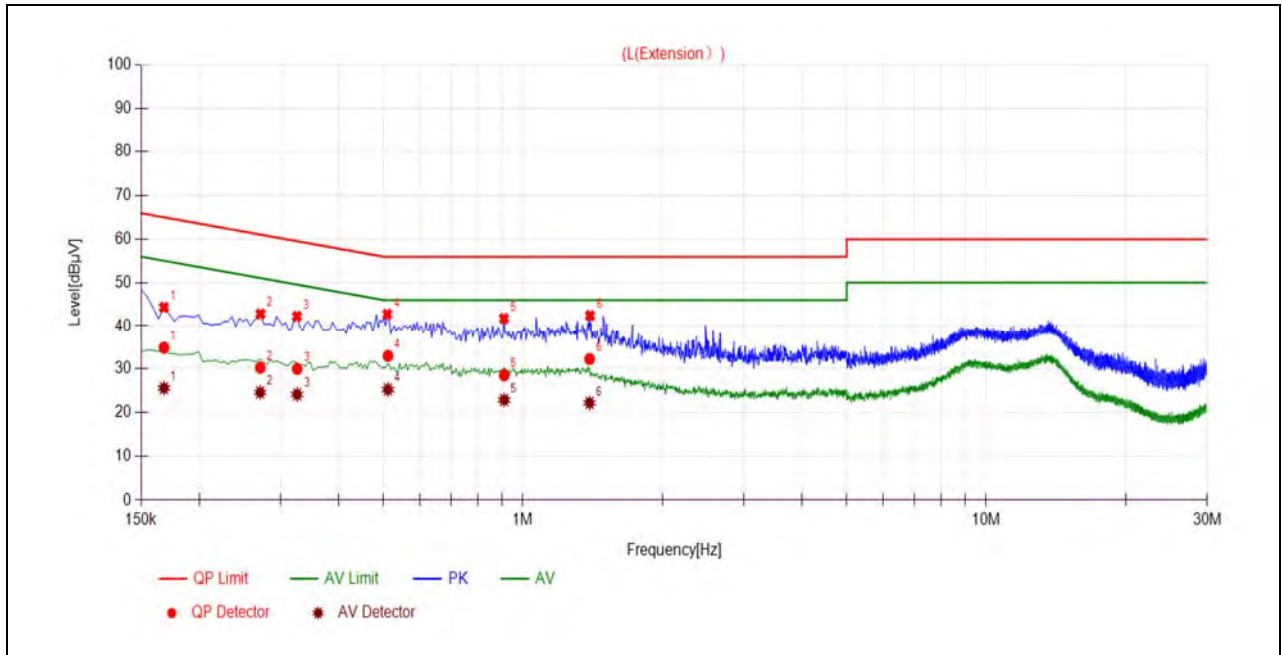
The measurement results are obtained as below:

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

U_R : Receiver Reading

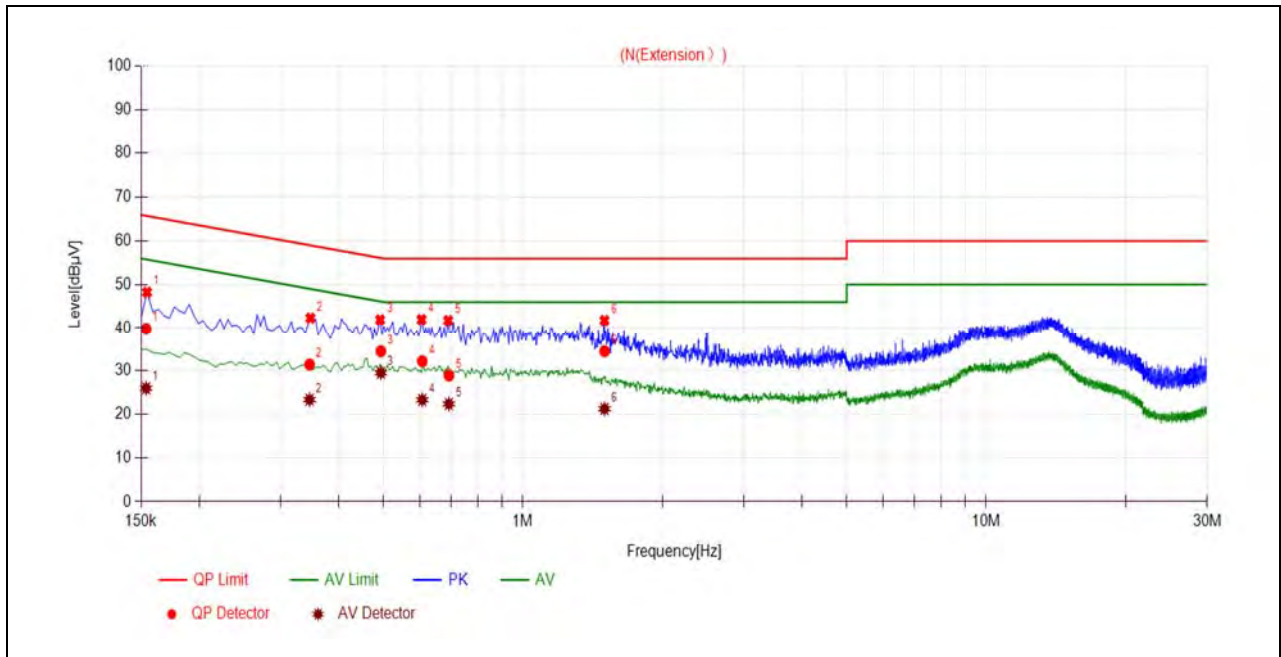
A_{Factor} : Voltage division factor of LISN

B. Test Plot:



(L Phase)

No.	Fre. (MHz)	Emission Level (dBµV)		Limit (dBµV)		Power-line	Verdict
		Quai-peak	Average	Quai-peak	Average		
1	0.1680	34.88	25.56	65.06	55.06	Line	PASS
2	0.2711	30.26	24.58	61.09	51.09		PASS
3	0.3257	29.98	24.12	59.56	49.56		PASS
4	0.5114	32.98	25.25	56.00	46.00		PASS
5	0.9112	28.52	22.86	56.00	46.00		PASS
6	1.3929	32.26	22.17	56.00	46.00		PASS



(N Phase)

No.	Fre. (MHz)	Emission Level (dBµV)		Limit (dBµV)		Power-line	Verdict
		Quai-peak	Average	Quai-peak	Average		
1	0.1538	39.78	25.98	65.79	55.79	Neutral	PASS
2	0.3464	31.44	23.34	59.05	49.05		PASS
3	0.4938	34.51	29.51	56.10	46.10		PASS
4	0.6065	32.19	23.28	56.00	46.00		PASS
5	0.6924	28.91	22.35	56.00	46.00		PASS
6	1.5004	34.50	21.22	56.00	46.00		PASS

**A.9. 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

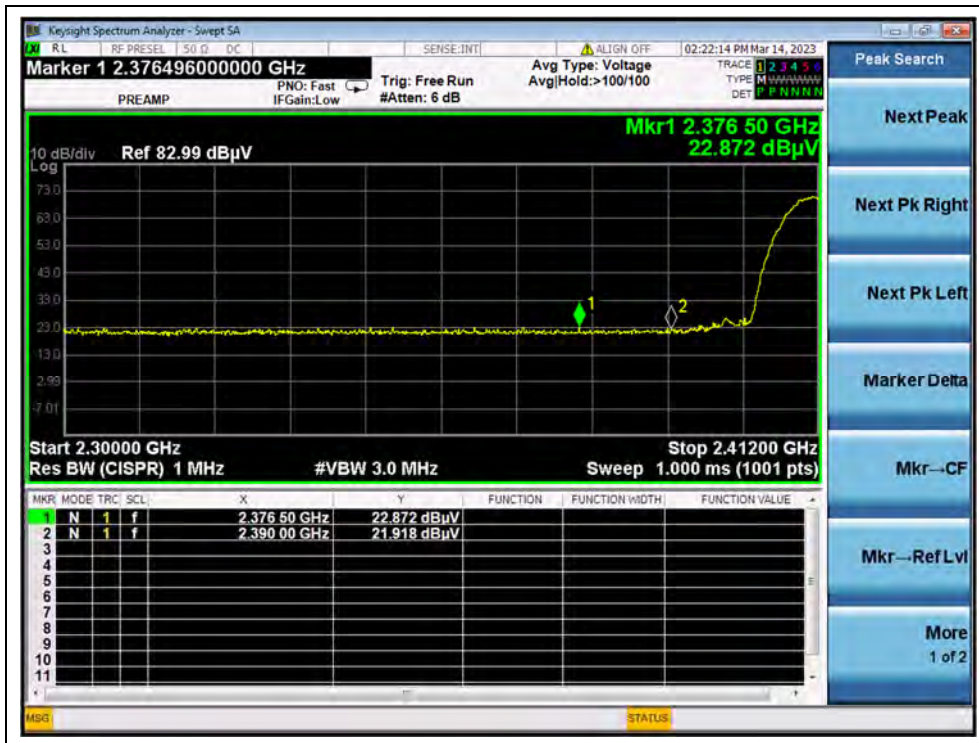
A_{Factor} : Antenna Factor at 3m

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.

802.11b Mode

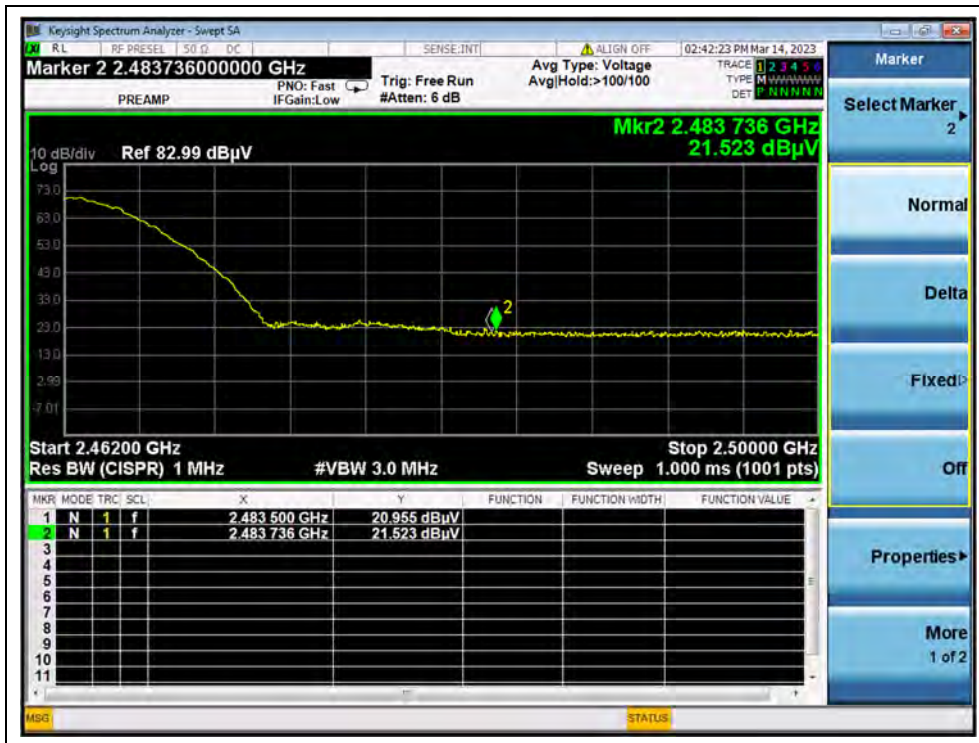
Channel	Frequency (MHz)	Detector	Receiver Reading	A_T (dB)	A_{Factor} (dB@3m)	Max. Emission E (dB μ V/m)	Limit (dB μ V/m)	Verdict
		PK/ AV	U_R (dB μ V)					
1	2376.50	PK	22.87	6.74	27.20	56.81	74	PASS
1	2390.00	AV	10.36	6.74	27.20	44.30	54	PASS
11	2483.74	PK	21.52	6.74	27.20	55.46	74	PASS
11	2483.58	AV	10.30	6.74	27.20	44.24	54	PASS



(PEAK, Channel 1, 802.11b)



(AVERAGE, Channel 1, 802.11b)



(PEAK, Channel 11, 802.11b)

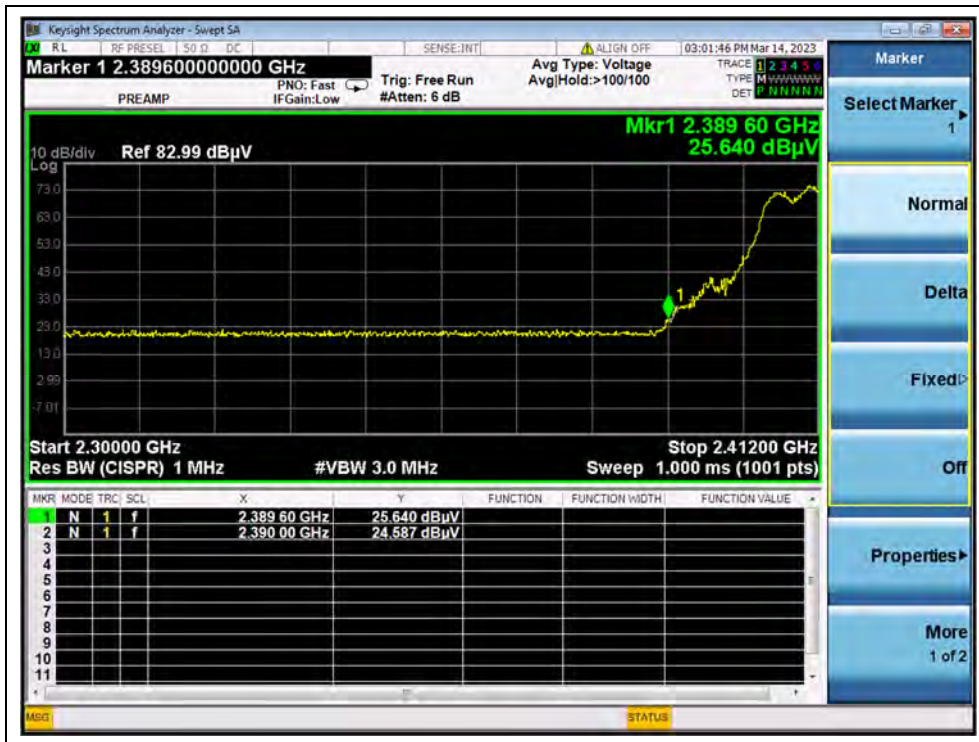


(AVERAGE, Channel 11, 802.11b)

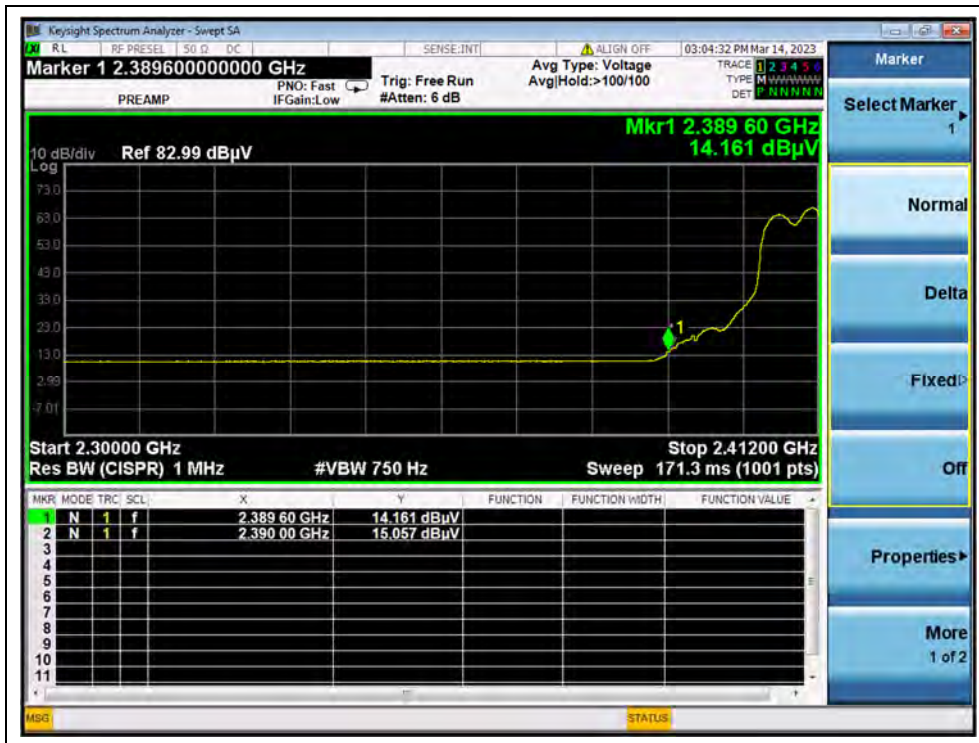


802.11g Mode

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)					
1	2389.60	PK	25.64	6.74	27.20	59.58	74	PASS
1	2390.00	AV	15.06	6.74	27.20	49.00	54	PASS
11	2483.66	PK	33.60	6.74	27.20	67.54	74	PASS
11	2484.91	AV	15.02	6.74	27.20	48.96	54	PASS



(PEAK, Channel 1, 802.11g)



(AVERAGE, Channel 1, 802.11g)



(PEAK, Channel 11, 802.11g)

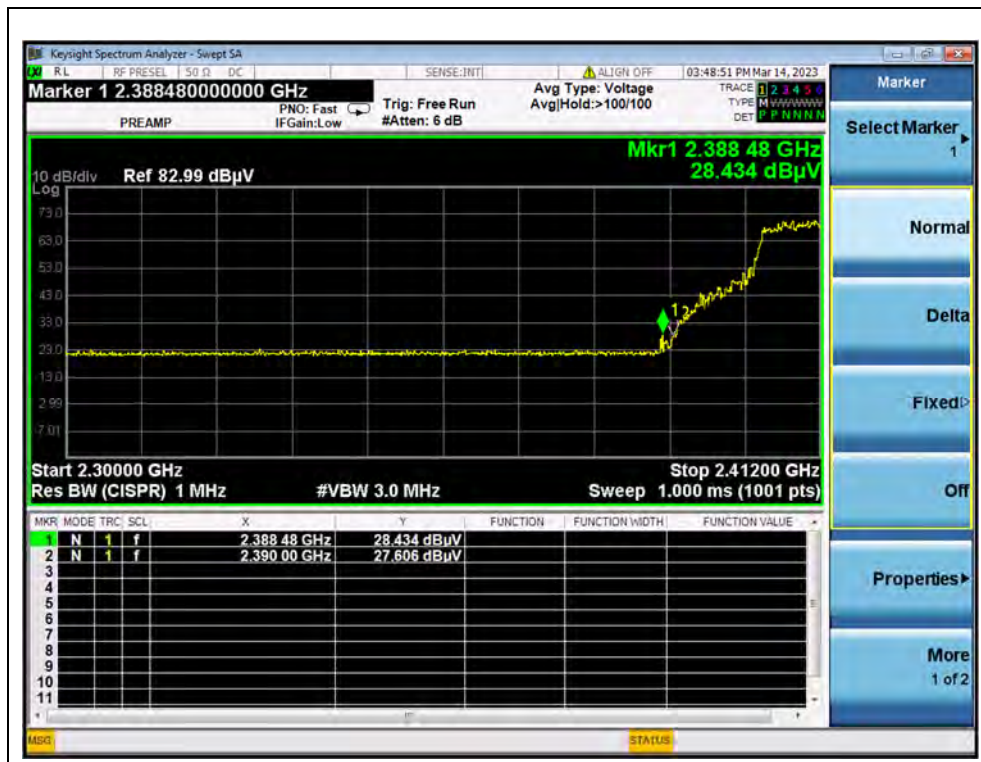


(AVERAGE, Channel 11, 802.11g)

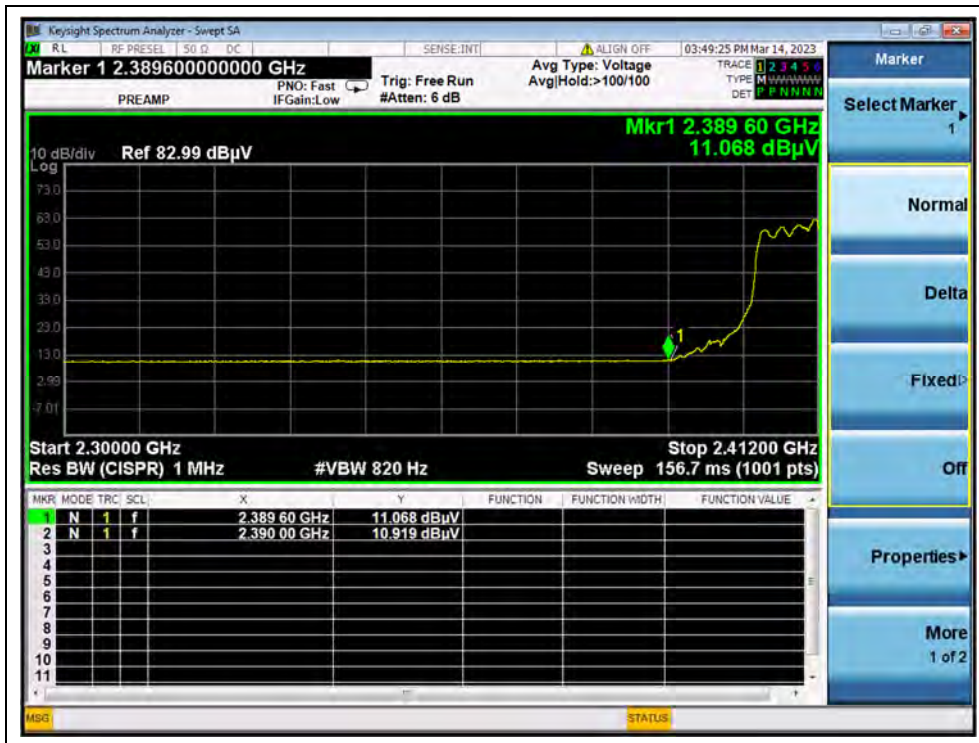


802.11n (HT20) Mode

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						
1	2388.48	PK	28.43	6.74	27.20	62.37	74	PASS
1	2389.60	AV	11.07	6.74	27.20	45.01	54	PASS
11	2485.90	PK	23.62	6.74	27.20	57.56	74	PASS
11	2483.50	AV	11.41	6.74	27.20	45.35	54	PASS



(PEAK, Channel 1, 802.11n (HT20))



(AVERAGE, Channel 1, 802.11n (HT20))



(PEAK, Channel 11, 802.11n (HT20))

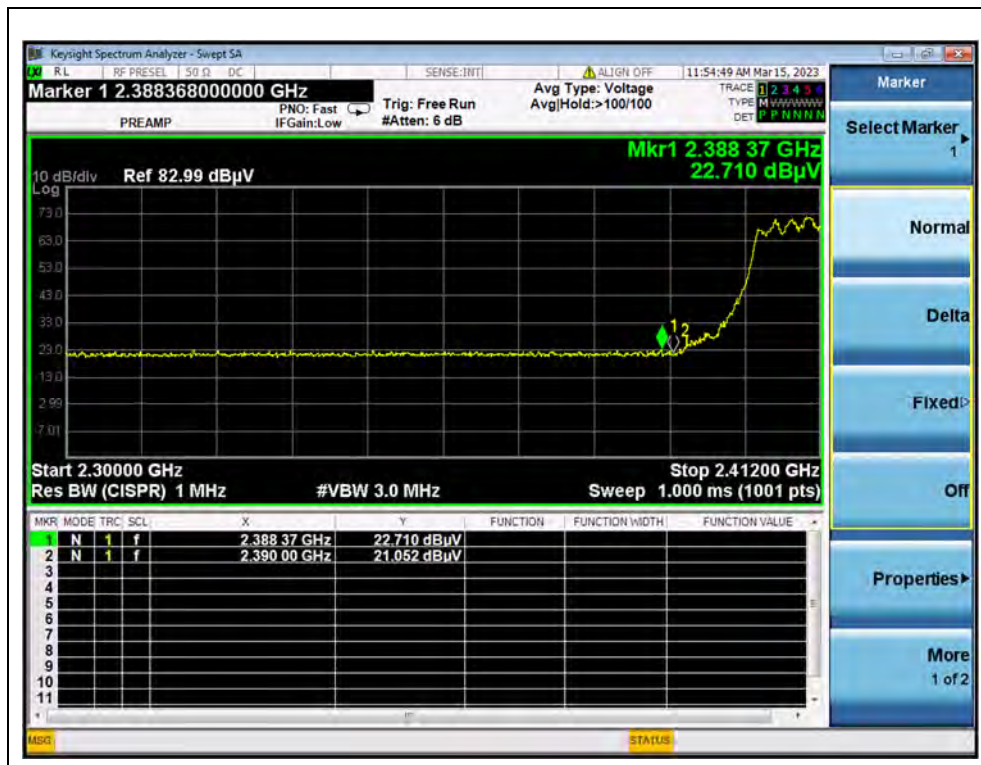


(AVERAGE, Channel 11, 802.11n (HT20))

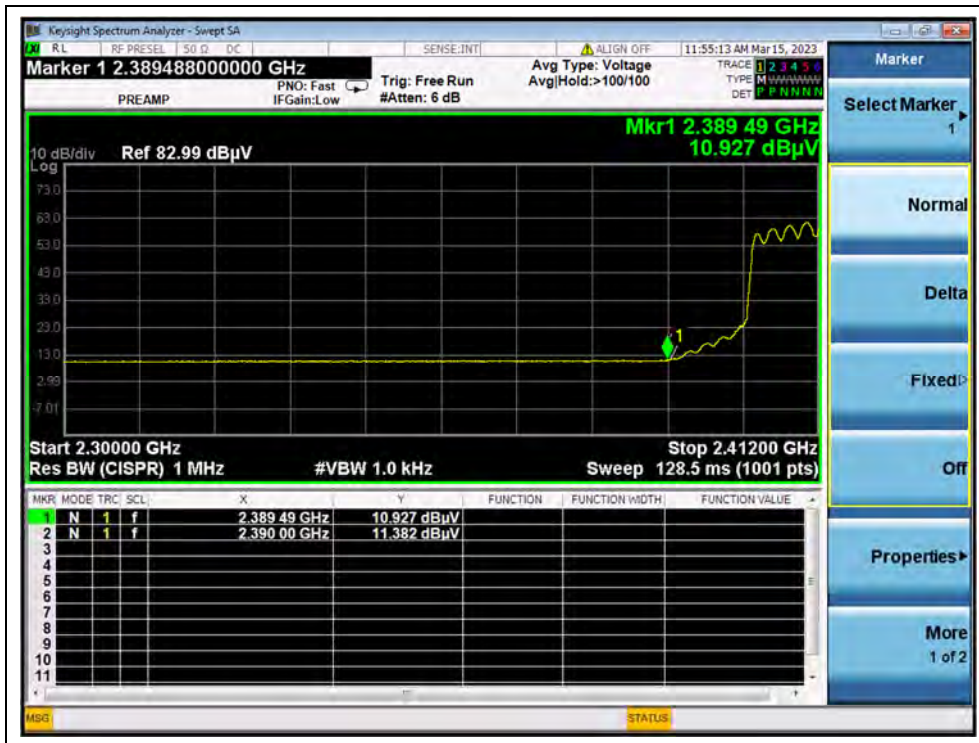


802.11ax (HEW20) Mode

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						
1	2388.37	PK	22.71	6.74	27.20	56.65	74	PASS
1	2390.00	AV	11.38	6.74	27.20	45.32	54	PASS
11	2484.04	PK	22.66	6.74	27.20	56.60	74	PASS
11	2484.57	AV	11.43	6.74	27.20	45.37	54	PASS



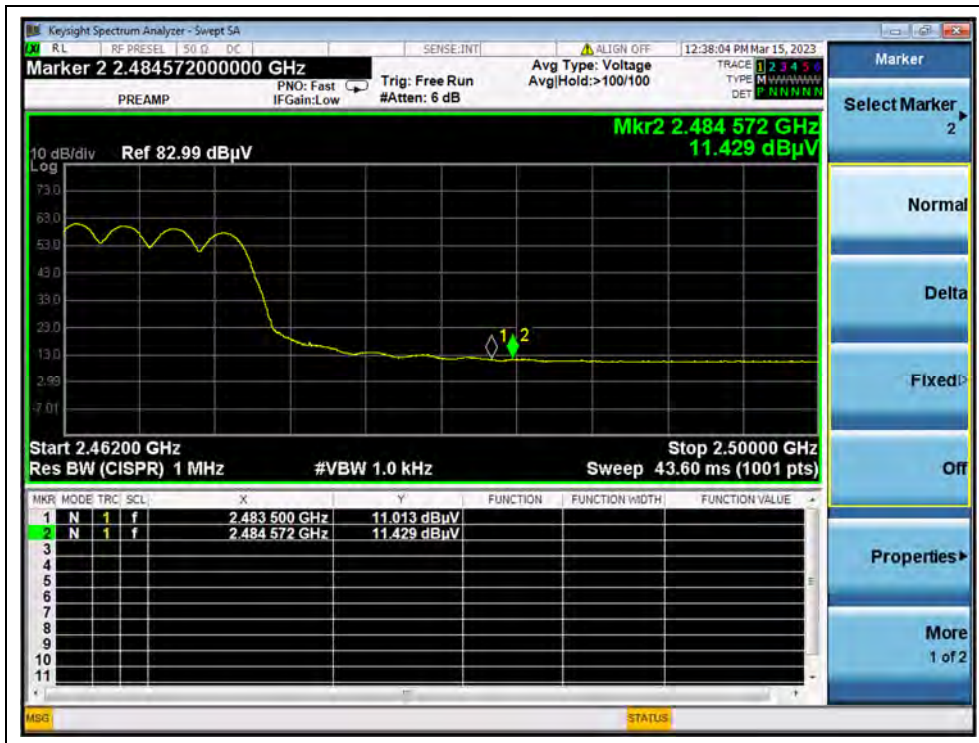
(PEAK, Channel 1, 802.11ax (HEW20))



(AVERAGE, Channel 1, 802.11ax (HEW20))



(PEAK, Channel 11, 802.11ax (HEW20))

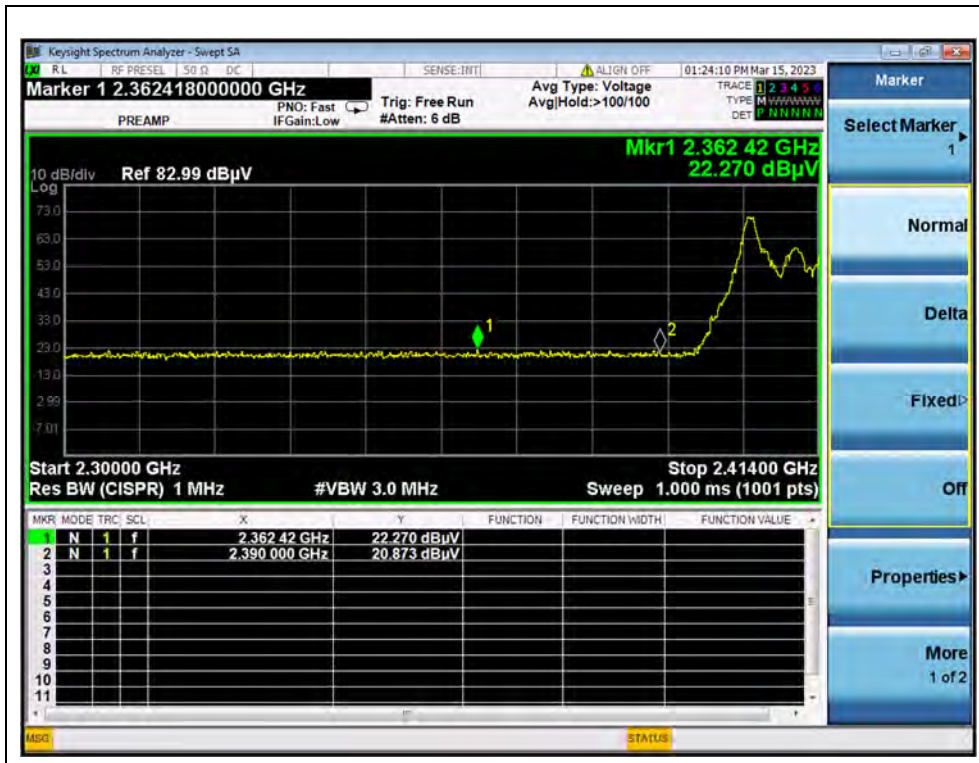


(AVERAGE, Channel 11, 802.11ax (HEW20))

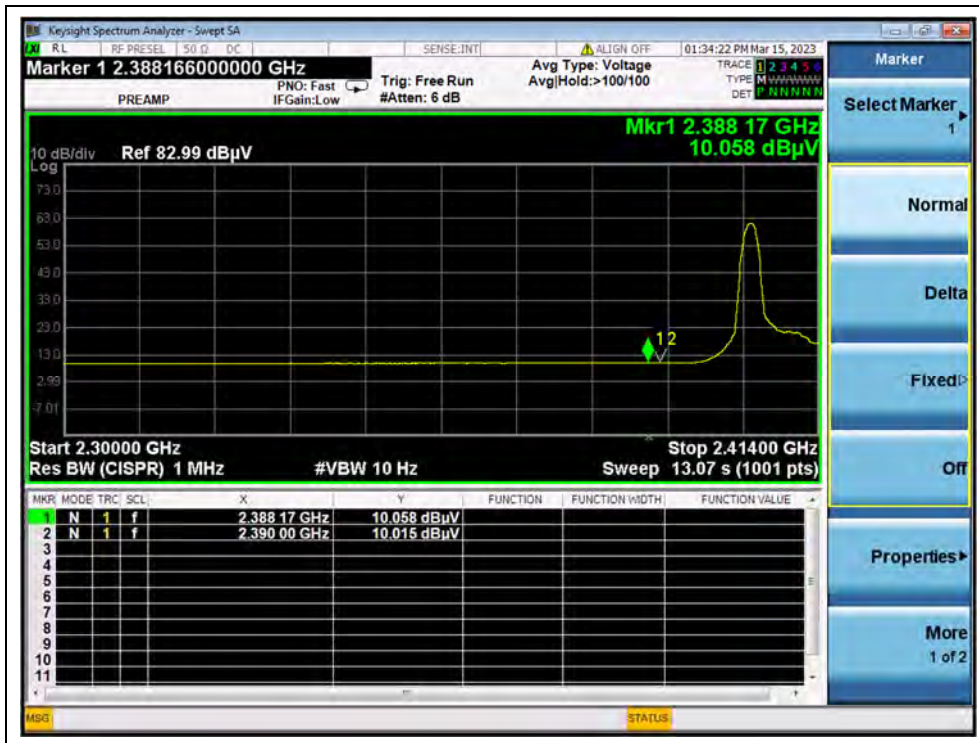


802.11ax (HEW20) RU26 Mode

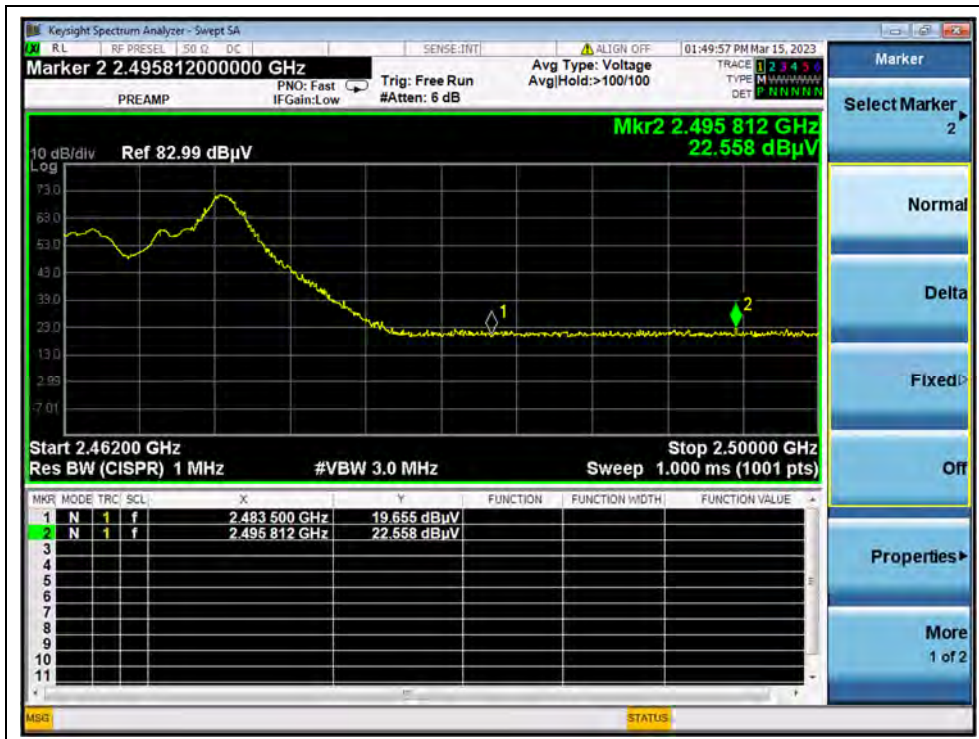
Channel	Frequency (MHz)	Detector	Receiver Reading U_R (dB μ V)	A_T (dB)	A_{Factor} (dB@3m)	Max. Emission E (dB μ V/m)	Limit (dB μ V/m)	Verdict
		PK/ AV						
1	2362.42	PK	22.27	6.74	27.20	56.21	74	PASS
1	2388.17	AV	10.06	6.74	27.20	44.00	54	PASS
11	2495.81	PK	22.56	6.74	27.20	56.50	74	PASS
11	2483.84	AV	9.71	6.74	27.20	43.65	54	PASS



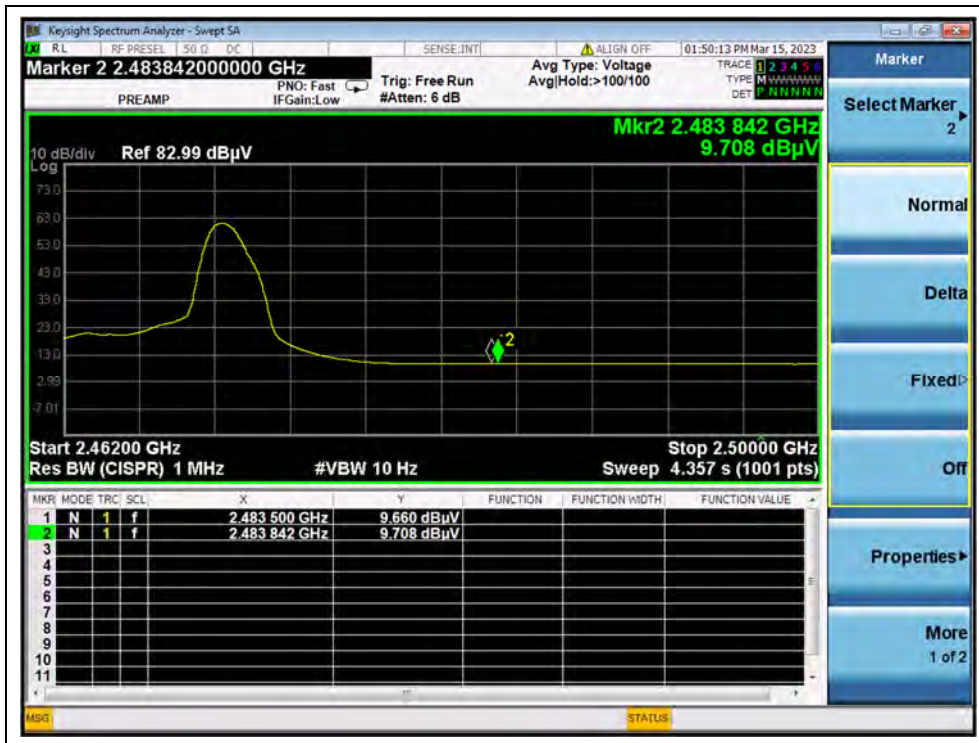
(PEAK, Channel 1, 802.11ax (HEW20) RU26)



(AVERAGE, Channel 1, 802.11ax (HEW20) RU26)



(PEAK, Channel 11, 802.11ax (HEW20) RU26)

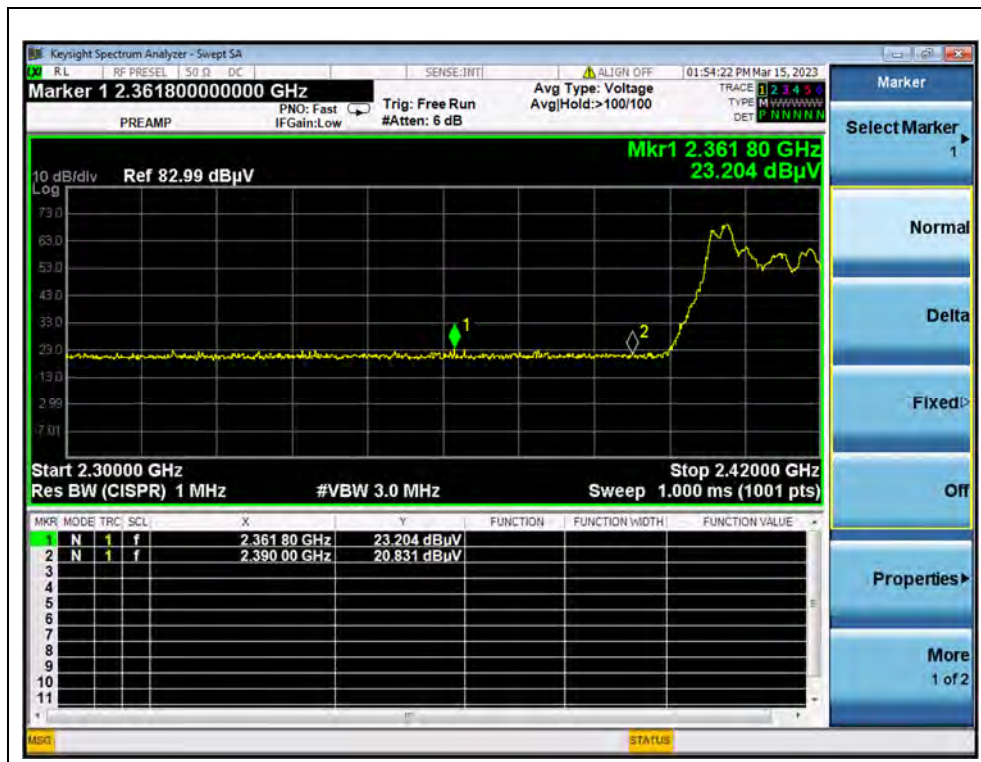


(AVERAGE, Channel 11, 802.11ax (HEW20) RU26)

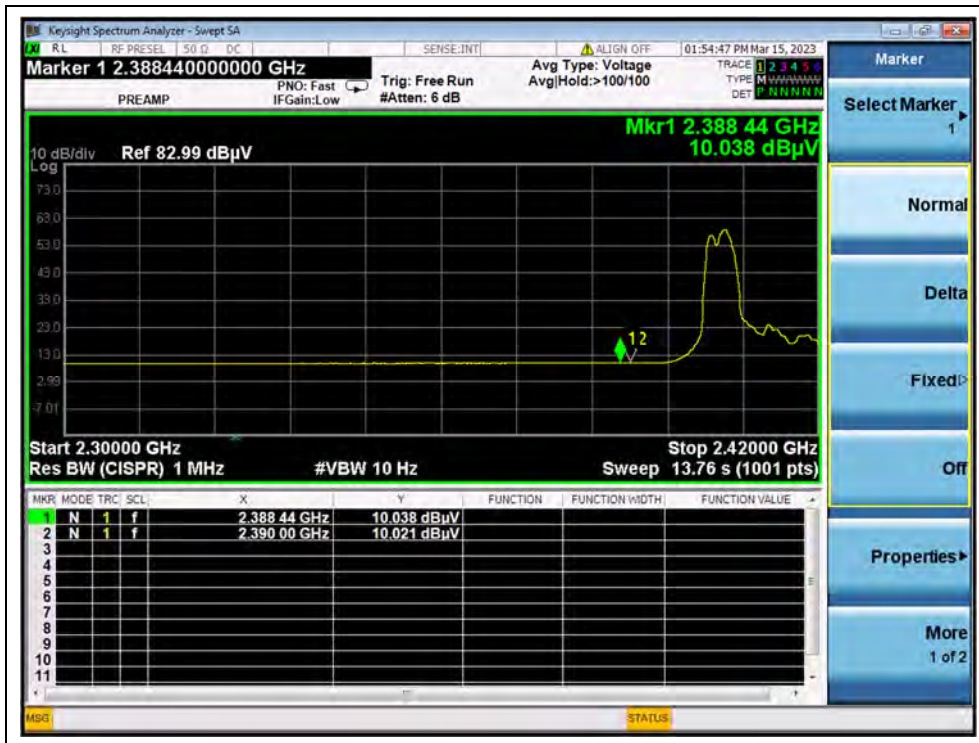


802.11ax (HEW20) RU52 Mode

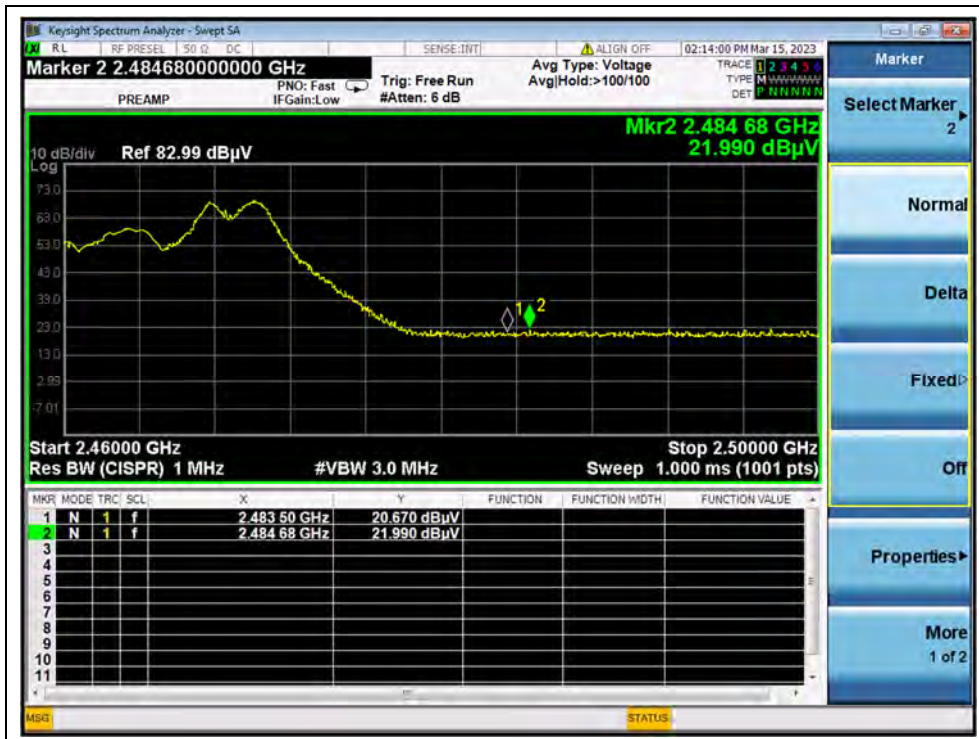
Channel	Frequency (MHz)	Detector	Receiver Reading U_R (dB μ V)	A_T (dB)	A_{Factor} (dB@3m)	Max. Emission E (dB μ V/m)	Limit (dB μ V/m)	Verdict
		PK/ AV						
1	2361.80	PK	23.20	6.74	27.20	57.14	74	PASS
1	2388.44	AV	10.04	6.74	27.20	43.98	54	PASS
11	2484.68	PK	21.99	6.74	27.20	55.93	74	PASS
11	2483.50	AV	9.69	6.74	27.20	43.63	54	PASS



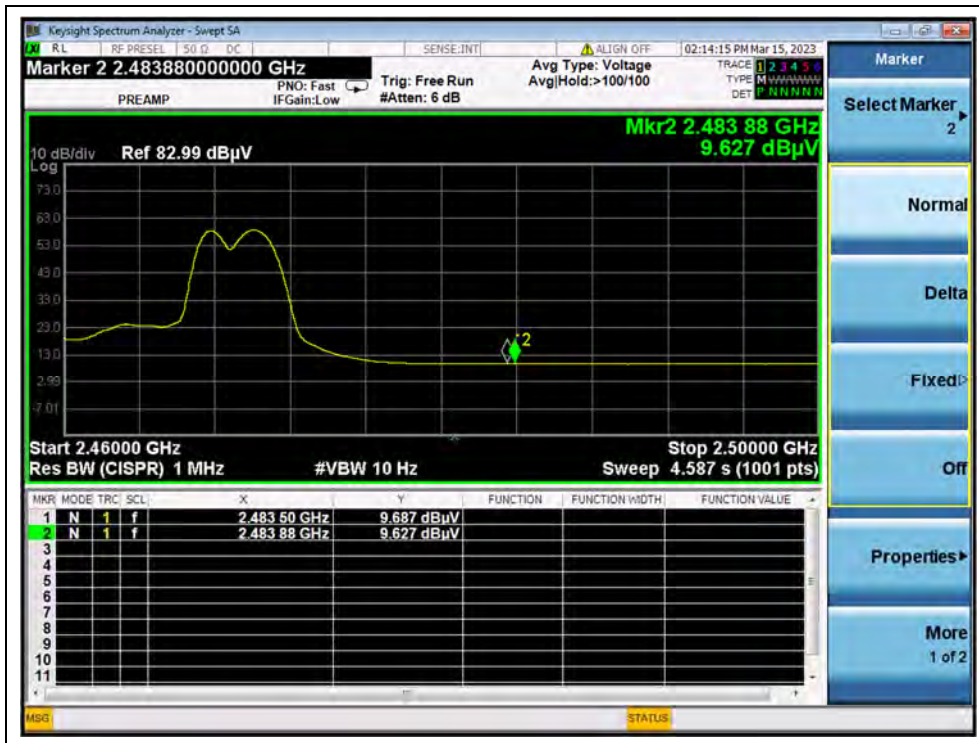
(PEAK, Channel 1, 802.11ax (HEW20) RU52)



(AVERAGE, Channel 1, 802.11ax (HEW20) RU52)



(PEAK, Channel 11, 802.11ax (HEW20) RU52)

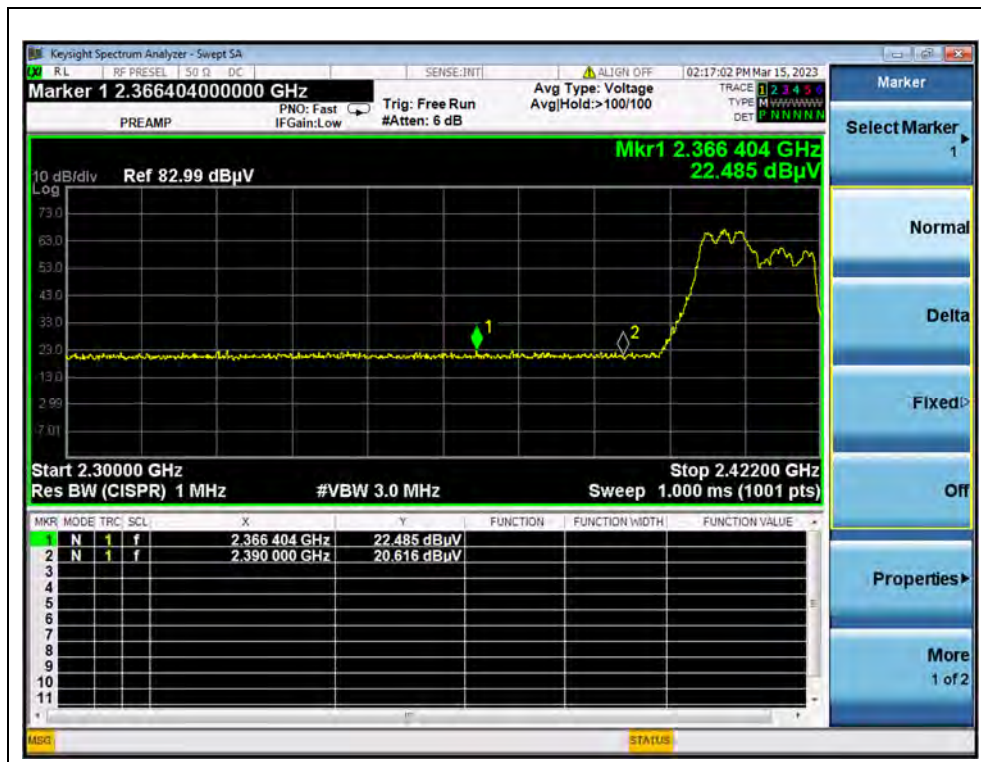


(AVERAGE, Channel 11, 802.11ax (HEW20) RU52)

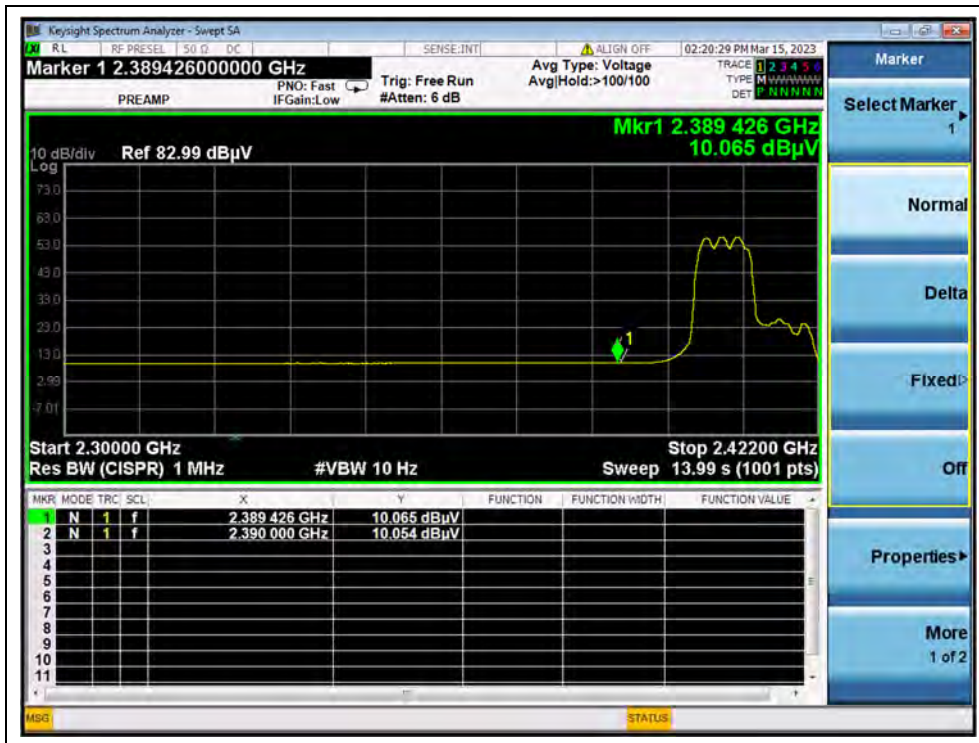


802.11ax (HEW20) RU106 Mode

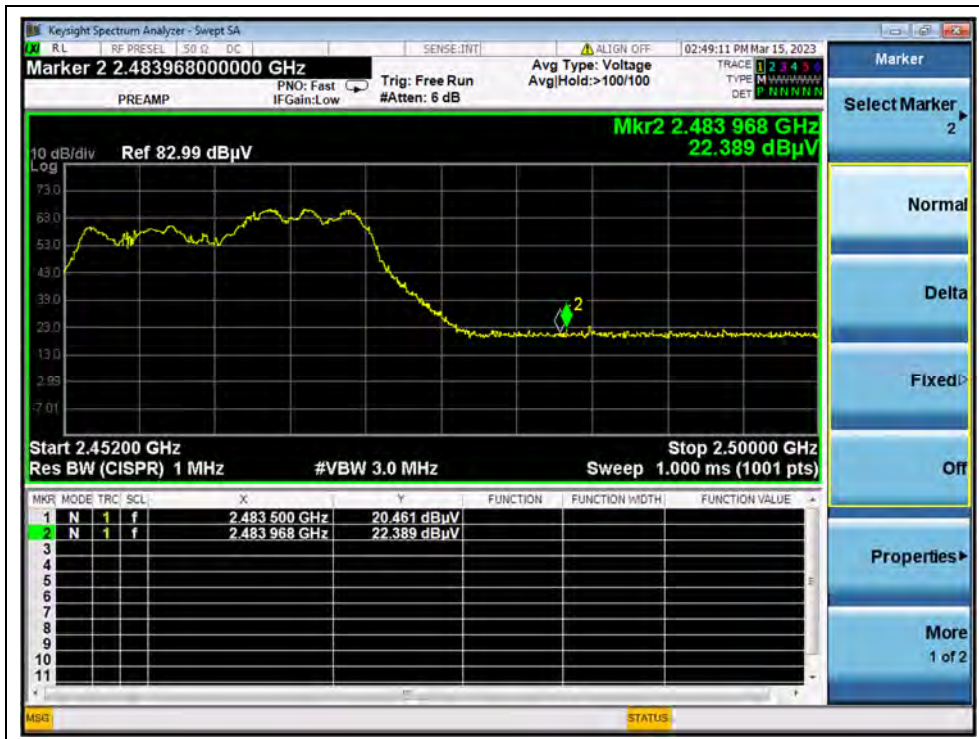
Channel	Frequency (MHz)	Detector	Receiver Reading U_R (dB μ V)	A_T (dB)	A_{Factor} (dB@3m)	Max. Emission E (dB μ V/m)	Limit (dB μ V/m)	Verdict
		PK/ AV						
1	2366.40	PK	22.49	6.74	27.20	56.43	74	PASS
1	2389.43	AV	10.07	6.74	27.20	44.01	54	PASS
11	2483.97	PK	22.39	6.74	27.20	56.33	74	PASS
11	2483.50	AV	9.72	6.74	27.20	43.66	54	PASS



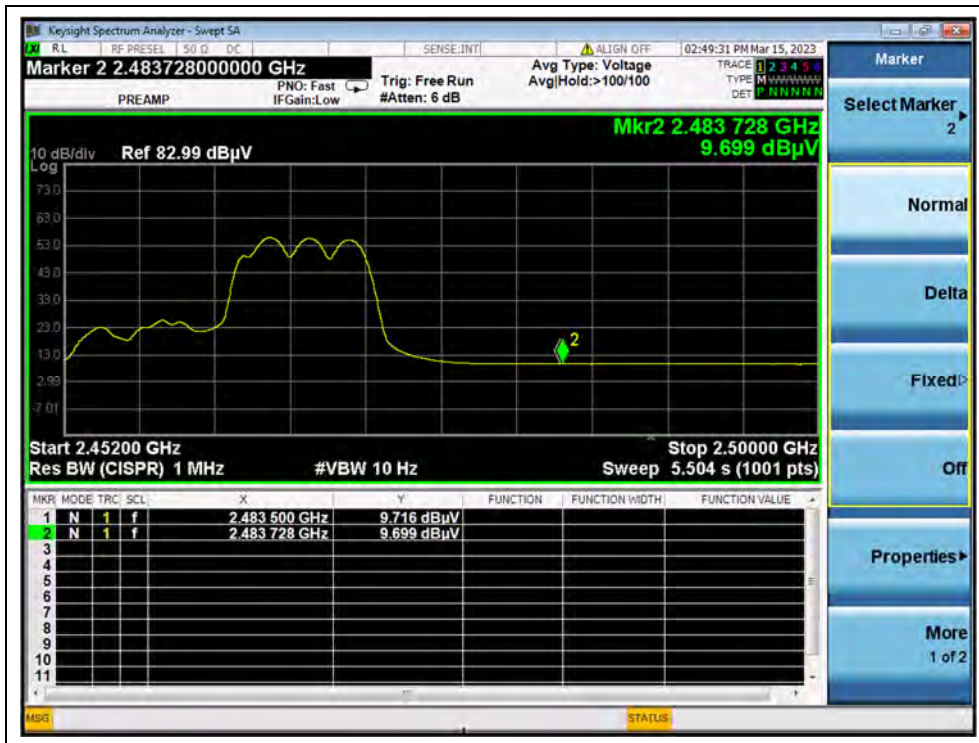
(PEAK, Channel 1, 802.11ax (HEW20) RU106)



(AVERAGE, Channel 1, 802.11ax (HEW20) RU106)



(PEAK, Channel 11, 802.11ax (HEW20) RU106)

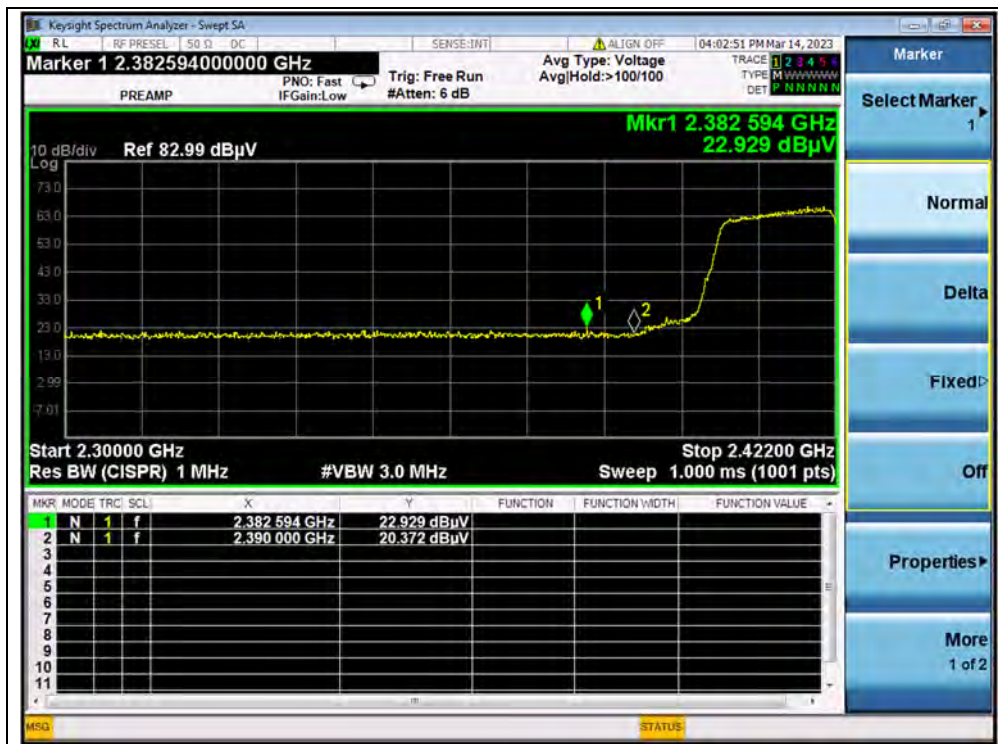


(AVERAGE, Channel 11, 802.11ax (HEW20) RU106)

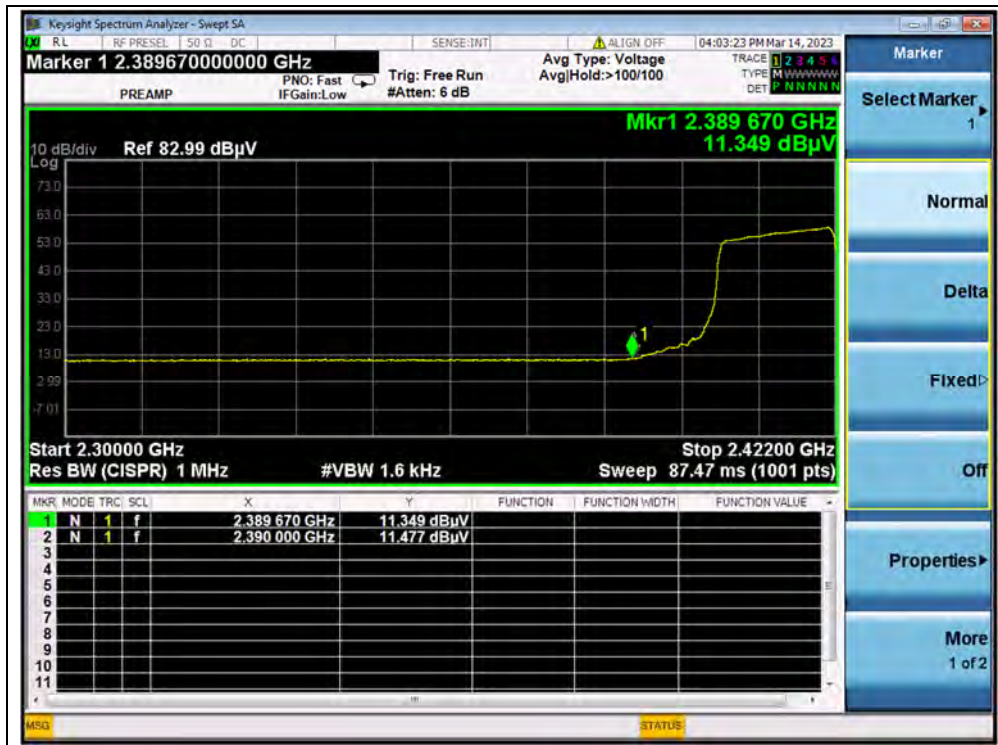


802.11n (HT40) Mode

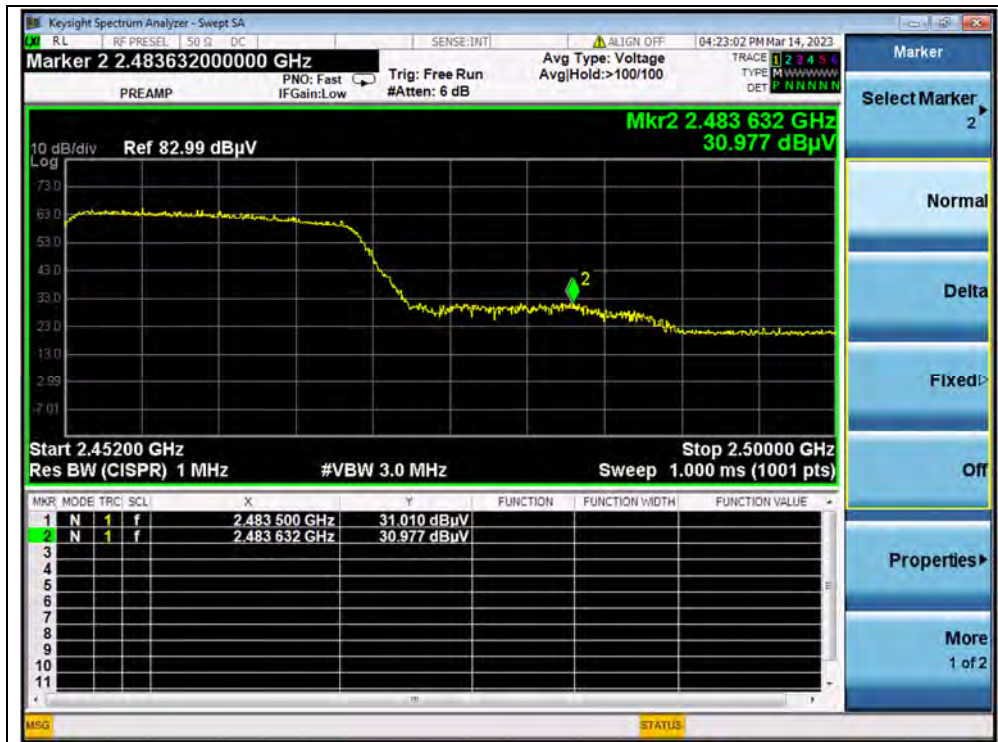
Channel	Frequency (MHz)	Detector	Receiver Reading U_R (dB μ V)	A_T (dB)	A_{Factor} (dB@3m)	Max. Emission E (dB μ V/m)	Limit (dB μ V/m)	Verdict
		PK/ AV						
3	2382.59	PK	22.93	6.74	27.20	56.87	74	PASS
3	2390.00	AV	11.48	6.74	27.20	45.42	54	PASS
9	2483.50	PK	31.01	6.74	27.20	64.95	74	PASS
9	2483.50	AV	13.37	6.74	27.20	47.31	54	PASS



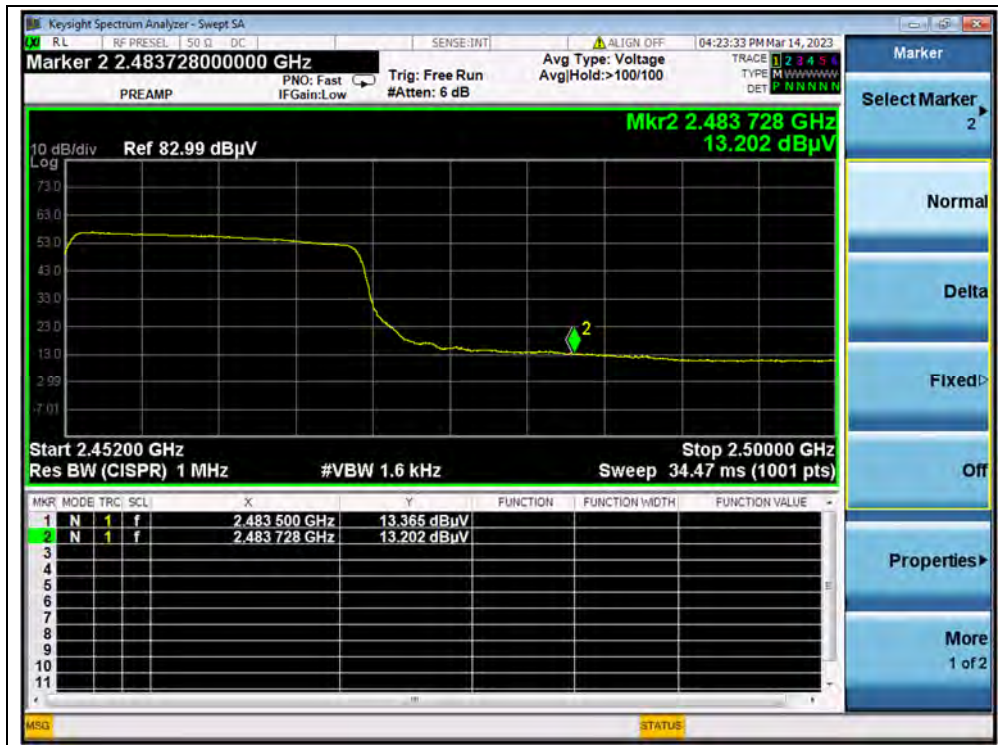
(PEAK, Channel 3, 802.11n (HT40))



(AVERAGE, Channel 3, 802.11n (HT40))



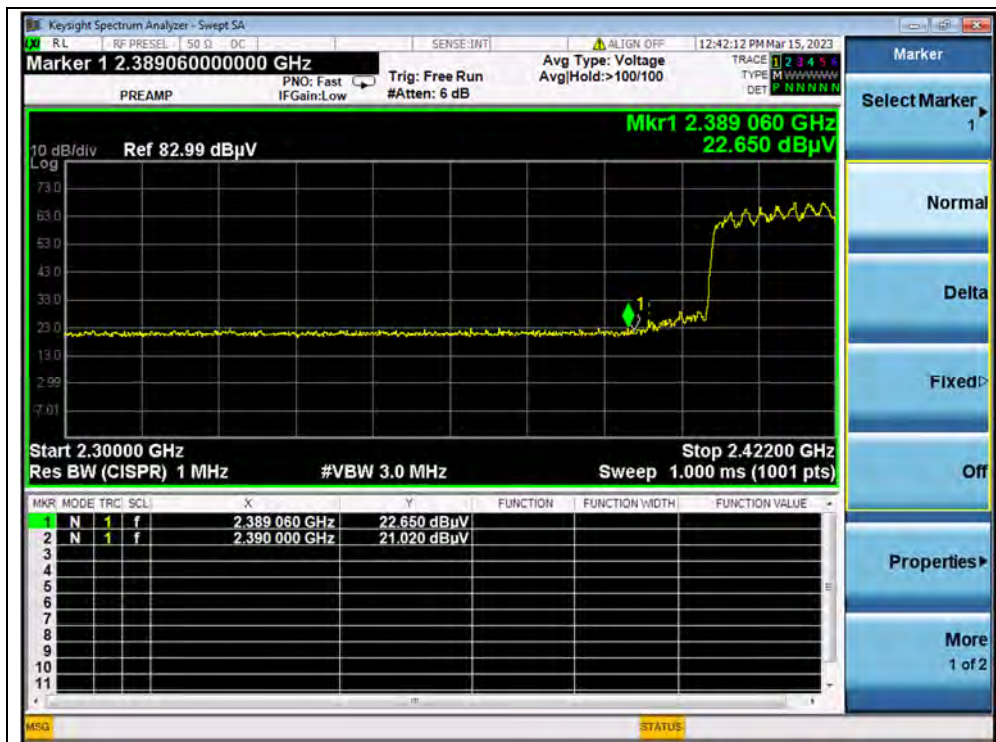
(PEAK, Channel 9, 802.11n (HT40))



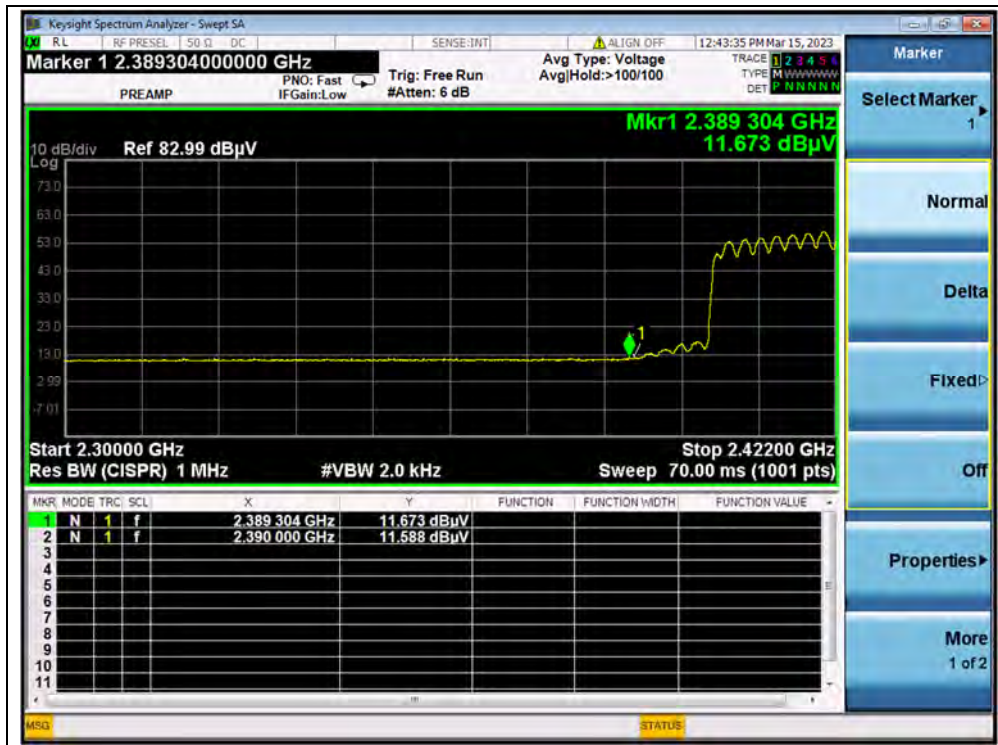
(AVERAGE, Channel 9, 802.11n (HT40))

802.11ax (HEW40) Mode

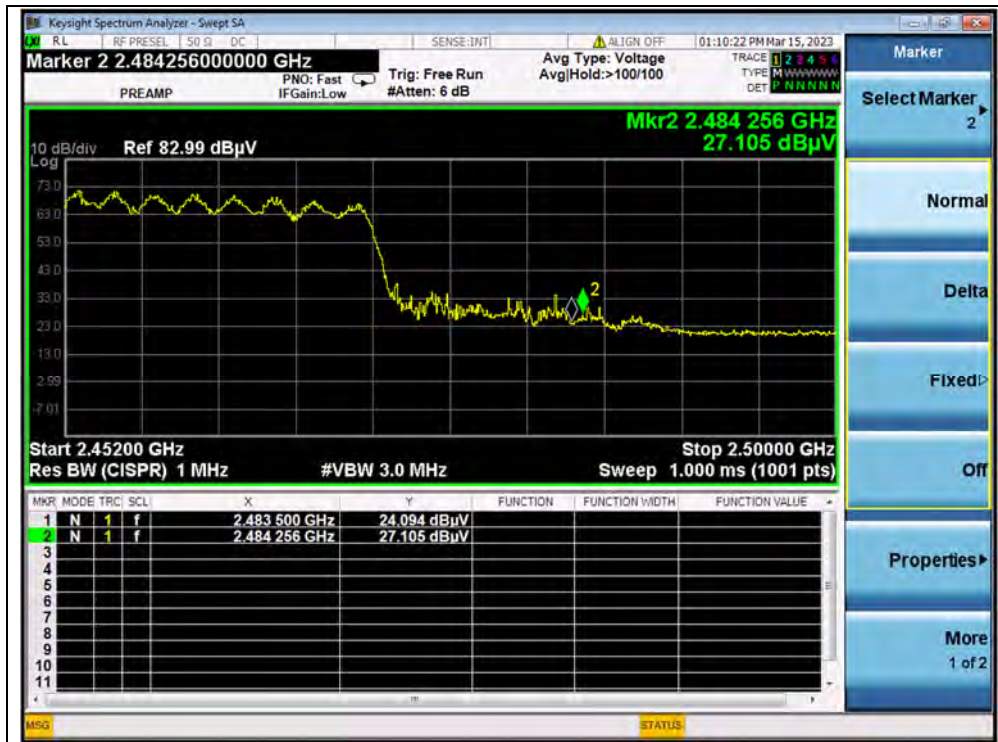
Channel	Frequency (MHz)	Detector	Receiver Reading U_R (dB μ V)	A_T (dB)	A_{Factor} (dB@3m)	Max. Emission E (dB μ V/m)	Limit (dB μ V/m)	Verdict
		PK/ AV						
3	2389.06	PK	22.65	6.74	27.20	56.59	74	PASS
3	2389.30	AV	11.67	6.74	27.20	45.61	54	PASS
9	2484.26	PK	27.11	6.74	27.20	61.05	74	PASS
9	2484.88	AV	15.21	6.74	27.20	49.15	54	PASS



(PEAK, Channel 3, 802.11ax (HEW40))



(AVERAGE, Channel 3, 802.11ax (HEW40))



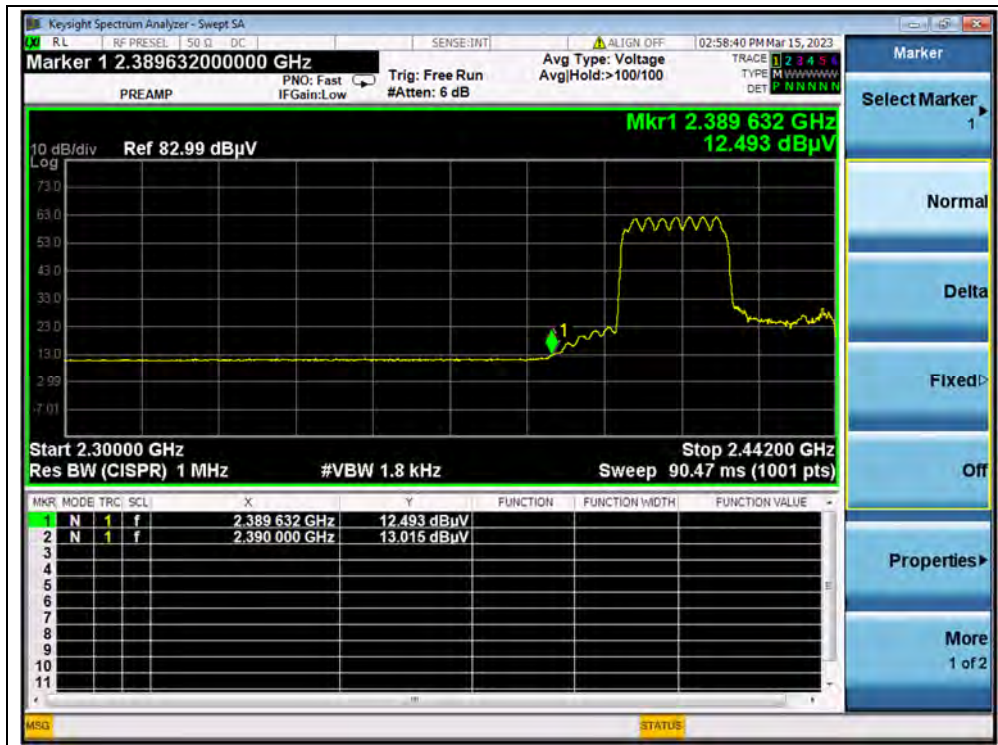
(PEAK, Channel 9, 802.11ax (HEW40))

802.11ax (HEW40) RU242 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						
3	2390.00	PK	23.91	6.74	27.20	57.85	74	PASS
3	2390.00	AV	13.02	6.74	27.20	46.96	54	PASS
9	2486.00	PK	28.83	6.74	27.20	62.77	74	PASS
9	2483.50	AV	14.38	6.74	27.20	48.32	54	PASS



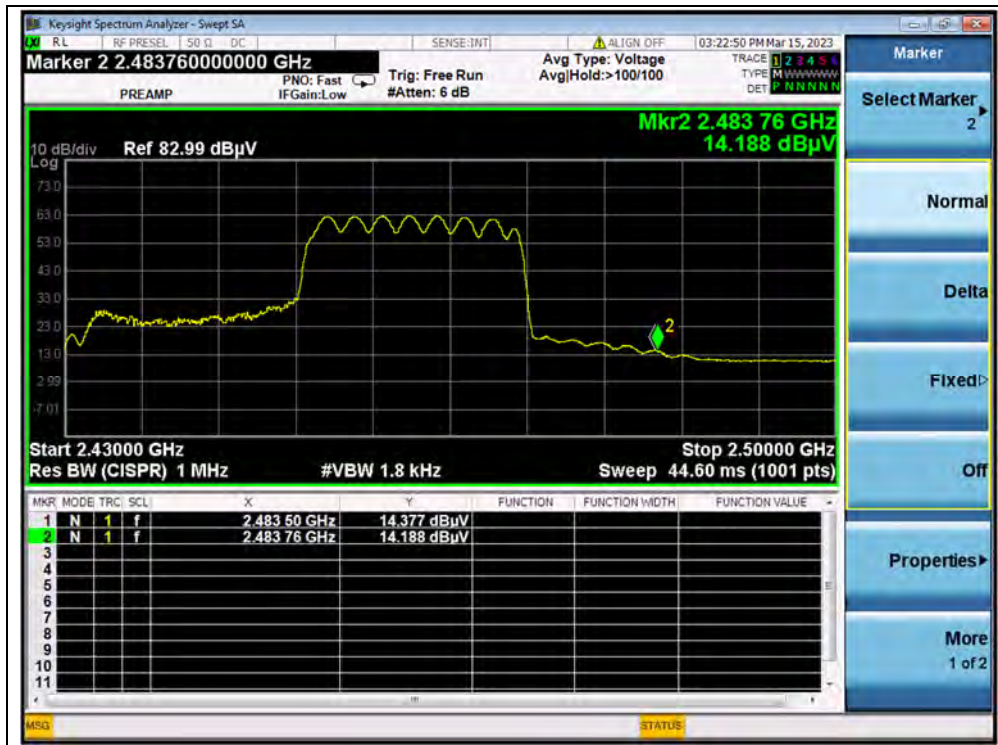
(PEAK, Channel 3, 802.11ax (HEW40) RU242)



(AVERAGE, Channel 3, 802.11ax (HEW40) RU242)



(PEAK, Channel 9, 802.11ax (HEW40) RU242)



(AVERAGE, Channel 9, 802.11ax (HEW40) RU242)



A.10. 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:

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

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 under chain0 and chain1 transmit simultaneously in which four antennas transmit simultaneously. And only the worst axis(Z 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.



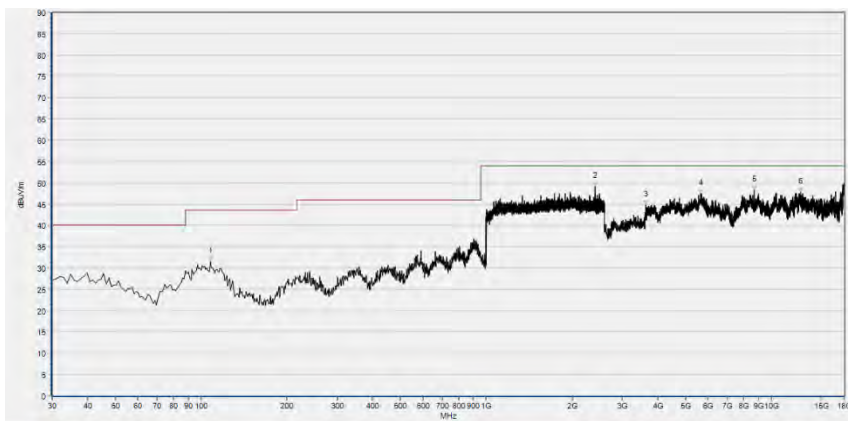
802.11b Mode

Plot for Channel 1



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	30.83	N/A	N/A	N/A	43.50	N/A	Horizontal	PASS
2410.133	47.93	N/A	N/A	74.00	N/A	54.00	Horizontal	PASS
4531.160	46.85	N/A	N/A	74.00	N/A	54.00	Horizontal	PASS
5744.680	47.75	N/A	N/A	74.00	N/A	54.00	Horizontal	PASS
8418.120	48.48	N/A	32.85	74.00	N/A	54.00	Horizontal	PASS
12893.360	48.00	N/A	N/A	74.00	N/A	54.00	Horizontal	PASS

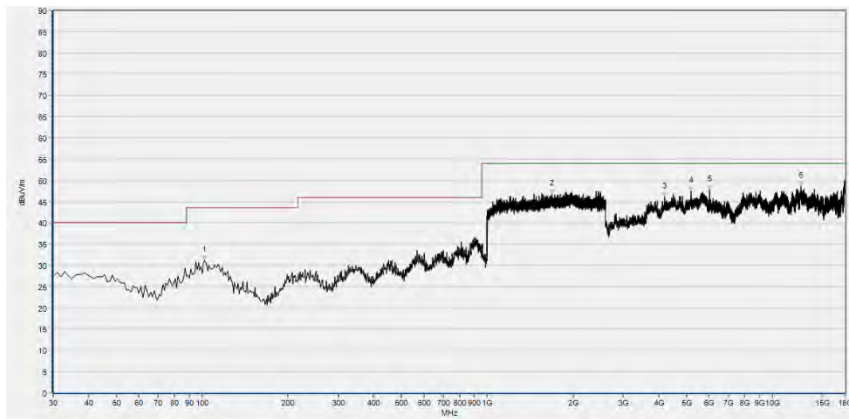
(Antenna Horizontal, 30MHz to 18GHz)



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	31.45	N/A	N/A	N/A	43.50	N/A	Vertical	PASS
2411.733	49.13	N/A	N/A	74.00	N/A	54.00	Vertical	PASS
3634.880	44.76	N/A	N/A	74.00	N/A	54.00	Vertical	PASS
5652.280	47.36	N/A	N/A	74.00	N/A	54.00	Vertical	PASS
8716.880	48.30	N/A	32.41	74.00	N/A	54.00	Vertical	PASS
12683.920	47.71	N/A	N/A	74.00	N/A	54.00	Vertical	PASS

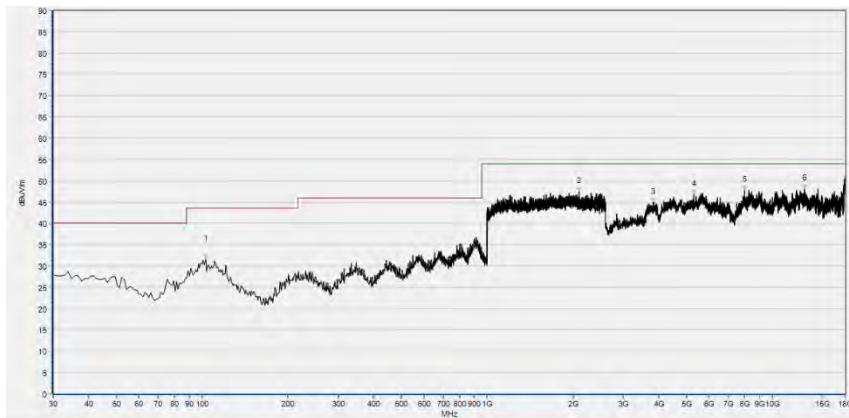
(Antenna Vertical, 30MHz to 18GHz)

Plot for Channel 6



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	31.11	N/A	N/A	N/A	43.50	N/A	Horizontal	PASS
1681.600	46.73	N/A	N/A	74.00	N/A	54.00	Horizontal	PASS
4176.960	46.06	N/A	N/A	74.00	N/A	54.00	Horizontal	PASS
5174.880	47.49	N/A	N/A	74.00	N/A	54.00	Horizontal	PASS
6031.120	47.81	N/A	N/A	74.00	N/A	54.00	Horizontal	PASS
12625.400	48.67	N/A	32.90	74.00	N/A	54.00	Horizontal	PASS

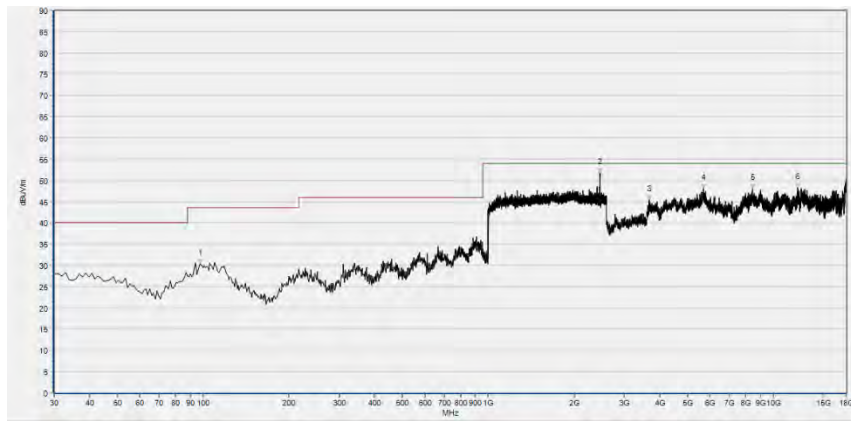
(Antenna Horizontal, 30MHz to 18GHz)



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	31.59	N/A	N/A	N/A	43.50	N/A	Vertical	PASS
2093.333	47.43	N/A	N/A	74.00	N/A	54.00	Vertical	PASS
3819.680	44.90	N/A	N/A	74.00	N/A	54.00	Vertical	PASS
5301.160	46.72	N/A	N/A	74.00	N/A	54.00	Vertical	PASS
7990.000	47.71	N/A	N/A	74.00	N/A	54.00	Vertical	PASS
12979.600	48.00	N/A	N/A	74.00	N/A	54.00	Vertical	PASS

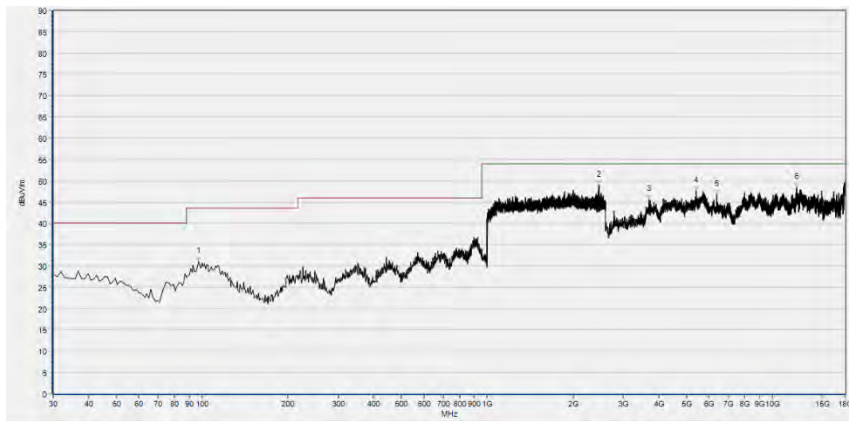
(Antenna Vertical, 30MHz to 18GHz)

Plot for Channel 11



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	30.30	N/A	N/A	N/A	43.50	N/A	Horizontal	PASS
2461.333	51.71	N/A	N/A	74.00	N/A	54.00	Horizontal	PASS
3659.520	45.37	N/A	N/A	74.00	N/A	54.00	Horizontal	PASS
5683.080	47.96	N/A	N/A	74.00	N/A	54.00	Horizontal	PASS
8436.600	48.00	N/A	N/A	74.00	N/A	54.00	Horizontal	PASS
12197.280	48.23	N/A	32.14	74.00	N/A	54.00	Horizontal	PASS

(Antenna Horizontal, 30MHz to 18GHz)



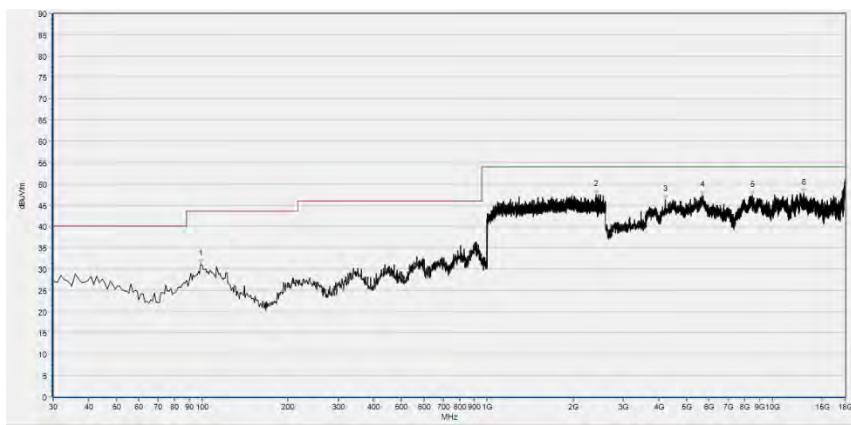
Fre. (MHz)	PK (dBµV/m)	QP (dBµV/m)	AV (dBµV/m)	Limit-PK (dBµV/m)	Limit-QP (dBµV/m)	Limit-AV (dBµV/m)	Antenna	Verdict
96.930	31.04	N/A	N/A	N/A	43.50	N/A	Vertical	PASS
2459.733	48.95	N/A	N/A	74.00	N/A	54.00	Vertical	PASS
3687.240	45.61	N/A	N/A	74.00	N/A	54.00	Vertical	PASS
5412.040	47.58	N/A	N/A	74.00	N/A	54.00	Vertical	PASS
6369.920	46.70	N/A	N/A	74.00	N/A	54.00	Vertical	PASS
12184.960	48.50	N/A	32.21	74.00	N/A	54.00	Vertical	PASS

(Antenna Vertical, 30MHz to 18GHz)



802.11g Mode

Plot for Channel 1



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	31.11	N/A	N/A	N/A	43.50	N/A	Horizontal	PASS
2403.733	47.36	N/A	N/A	74.00	N/A	54.00	Horizontal	PASS
4217.000	46.28	N/A	N/A	74.00	N/A	54.00	Horizontal	PASS
5670.760	47.21	N/A	N/A	74.00	N/A	54.00	Horizontal	PASS
8495.120	47.26	N/A	N/A	74.00	N/A	54.00	Horizontal	PASS
12899.520	47.78	N/A	N/A	74.00	N/A	54.00	Horizontal	PASS

(Antenna Horizontal, 30MHz to 18GHz)



Fre. (MHz)	PK (dBµV/m)	QP (dBµV/m)	AV (dBµV/m)	Limit-PK (dBµV/m)	Limit-QP (dBµV/m)	Limit-AV (dBµV/m)	Antenna	Verdict
101.780	32.26	N/A	N/A	N/A	43.50	N/A	Vertical	PASS
1885.333	47.27	N/A	N/A	74.00	N/A	54.00	Vertical	PASS
4435.680	46.70	N/A	N/A	74.00	N/A	54.00	Vertical	PASS
5689.240	47.28	N/A	N/A	74.00	N/A	54.00	Vertical	PASS
8639.880	47.75	N/A	N/A	74.00	N/A	54.00	Vertical	PASS
12748.600	47.94	N/A	N/A	74.00	N/A	54.00	Vertical	PASS

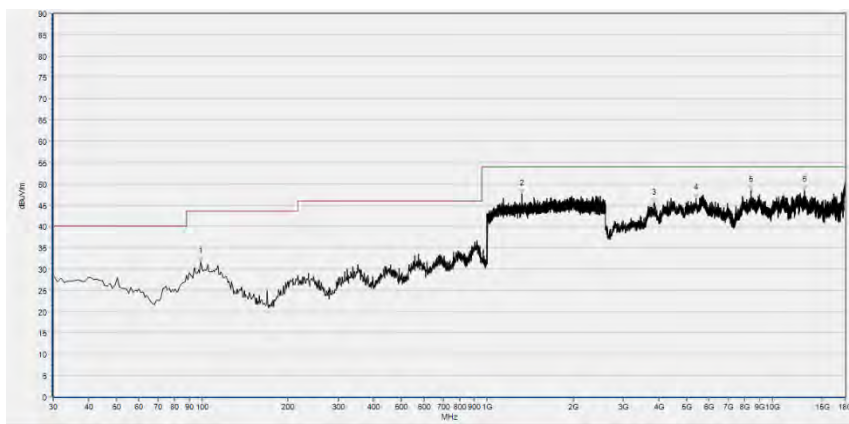
(Antenna Vertical, 30MHz to 18GHz)

Plot for Channel 6



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	30.72	N/A	N/A	N/A	43.50	N/A	Horizontal	PASS
1986.667	48.00	N/A	N/A	74.00	N/A	54.00	Horizontal	PASS
4226.240	46.01	N/A	N/A	74.00	N/A	54.00	Horizontal	PASS
5698.480	47.09	N/A	N/A	74.00	N/A	54.00	Horizontal	PASS
8442.760	47.02	N/A	N/A	74.00	N/A	54.00	Horizontal	PASS
12200.360	47.69	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	31.73	N/A	N/A	N/A	43.50	N/A	Vertical	PASS
1321.067	47.55	N/A	N/A	74.00	N/A	54.00	Vertical	PASS
3844.320	45.41	N/A	N/A	74.00	N/A	54.00	Vertical	PASS
5405.880	46.54	N/A	N/A	74.00	N/A	54.00	Vertical	PASS
8424.280	48.44	N/A	32.02	74.00	N/A	54.00	Vertical	PASS
12951.880	48.44	N/A	31.52	74.00	N/A	54.00	Vertical	PASS

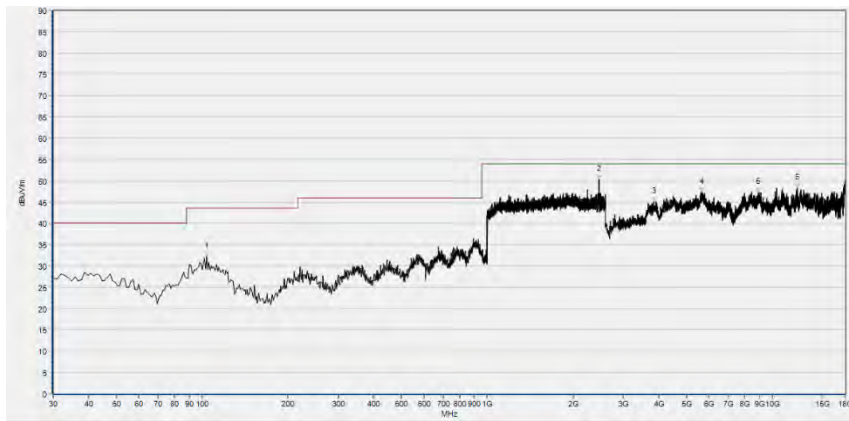
(Antenna Vertical, 30MHz to 18GHz)

Plot for Channel 11



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	30.48	N/A	N/A	N/A	43.50	N/A	Horizontal	PASS
2465.600	52.94	N/A	N/A	74.00	N/A	54.00	Horizontal	PASS
3887.440	46.45	N/A	N/A	74.00	N/A	54.00	Horizontal	PASS
5667.680	47.98	N/A	N/A	74.00	N/A	54.00	Horizontal	PASS
8415.040	47.30	N/A	N/A	74.00	N/A	54.00	Horizontal	PASS
12160.320	47.55	N/A	N/A	74.00	N/A	54.00	Horizontal	PASS

(Antenna Horizontal, 30MHz to 18GHz)



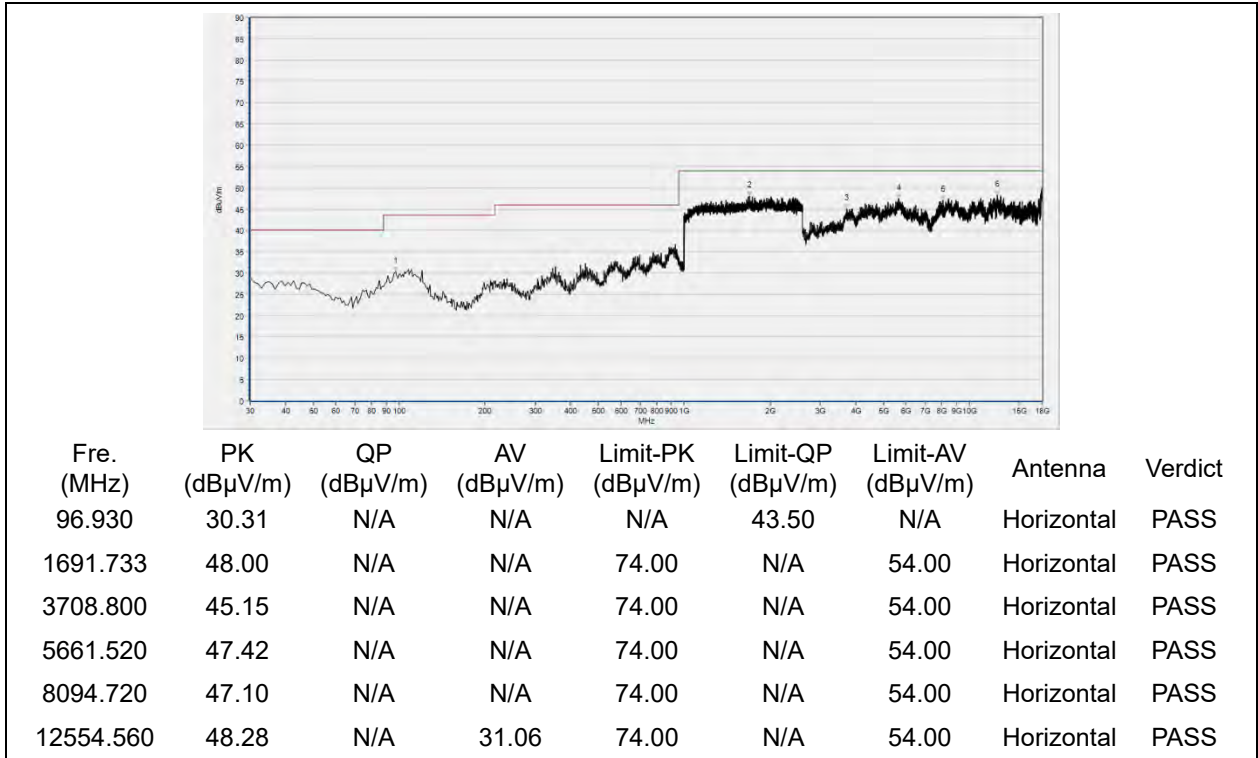
Fre. (MHz)	PK (dBµV/m)	QP (dBµV/m)	AV (dBµV/m)	Limit-PK (dBµV/m)	Limit-QP (dBµV/m)	Limit-AV (dBµV/m)	Antenna	Verdict
103.720	32.17	N/A	N/A	N/A	43.50	N/A	Vertical	PASS
2461.333	50.20	N/A	N/A	74.00	N/A	54.00	Vertical	PASS
3835.080	45.00	N/A	N/A	74.00	N/A	54.00	Vertical	PASS
5658.440	47.21	N/A	N/A	74.00	N/A	54.00	Vertical	PASS
8935.560	47.32	N/A	N/A	74.00	N/A	54.00	Vertical	PASS
12212.680	48.00	N/A	N/A	74.00	N/A	54.00	Vertical	PASS

(Antenna Vertical, 30MHz to 18GHz)

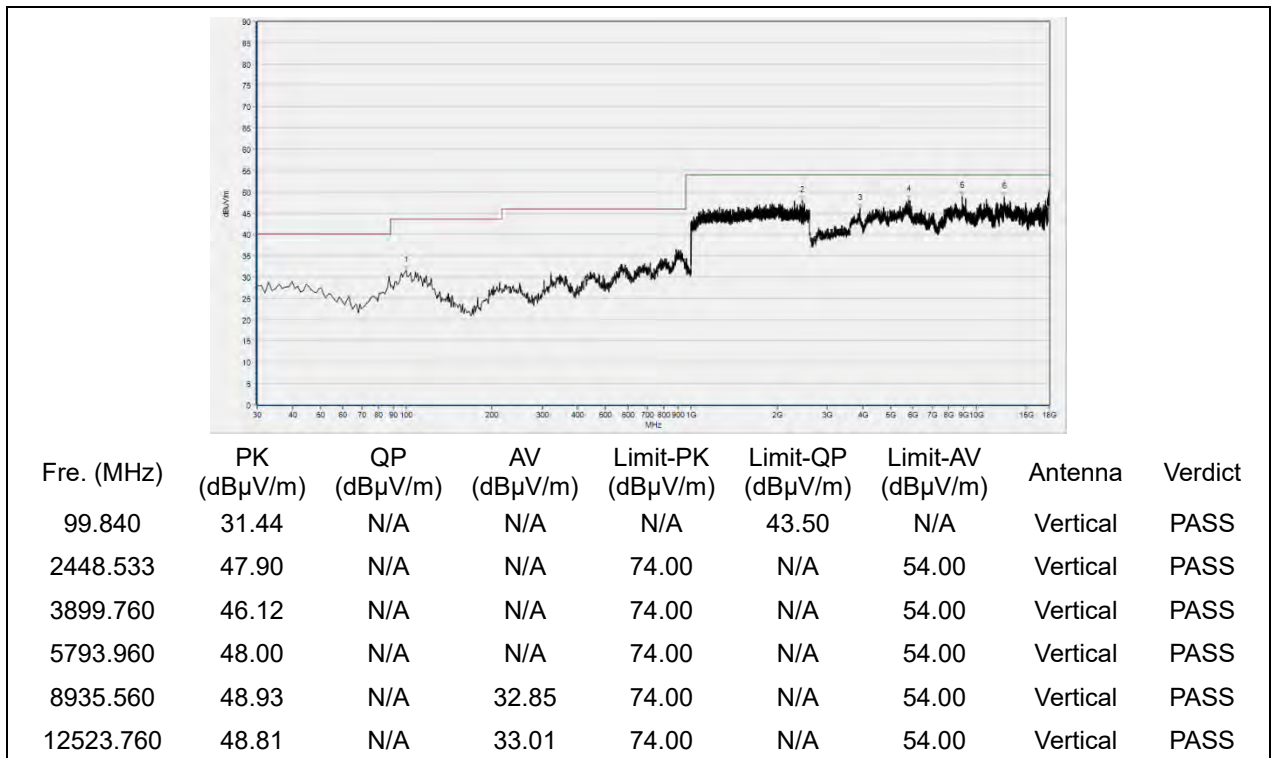


802.11n (HT20) Mode

Plot for Channel 1

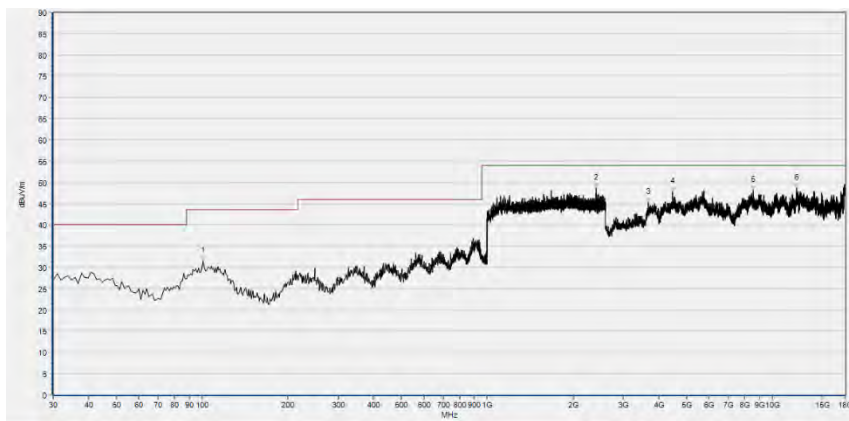


(Antenna Horizontal, 30MHz to 18GHz)



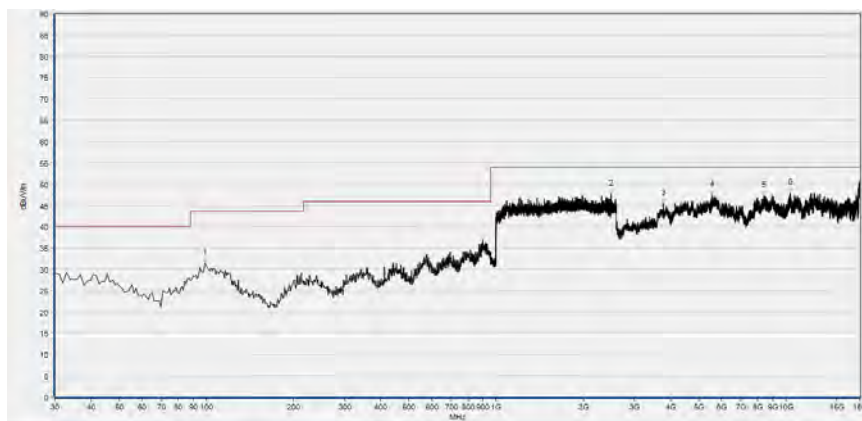
(Antenna Vertical, 30MHz to 18GHz)

Plot for Channel 6



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	31.55	N/A	N/A	N/A	43.50	N/A	Horizontal	PASS
2408.533	48.57	N/A	N/A	74.00	N/A	54.00	Horizontal	PASS
3674.920	45.33	N/A	N/A	74.00	N/A	54.00	Horizontal	PASS
4460.320	47.75	N/A	N/A	74.00	N/A	54.00	Horizontal	PASS
8581.360	48.13	N/A	31.32	74.00	N/A	54.00	Horizontal	PASS
12191.120	48.58	N/A	32.01	74.00	N/A	54.00	Horizontal	PASS

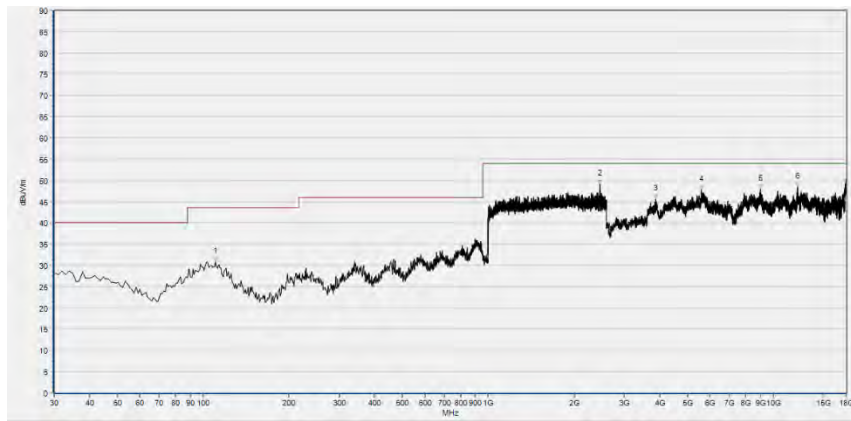
(Antenna Horizontal, 30MHz to 18GHz)



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	31.42	N/A	N/A	N/A	43.50	N/A	Vertical	PASS
2490.133	47.53	N/A	N/A	74.00	N/A	54.00	Vertical	PASS
3776.560	45.42	N/A	N/A	74.00	N/A	54.00	Vertical	PASS
5566.040	47.46	N/A	N/A	74.00	N/A	54.00	Vertical	PASS
8408.880	47.26	N/A	N/A	74.00	N/A	54.00	Vertical	PASS
10330.800	47.91	N/A	N/A	74.00	N/A	54.00	Vertical	PASS

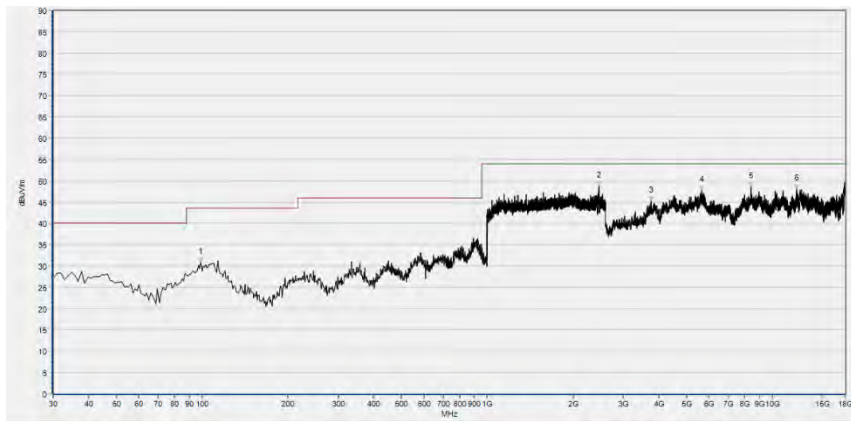
(Antenna Vertical, 30MHz to 18GHz)

Plot for Channel 11



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	30.79	N/A	N/A	N/A	43.50	N/A	Horizontal	PASS
2466.133	49.04	N/A	N/A	74.00	N/A	54.00	Horizontal	PASS
3872.040	45.65	N/A	N/A	74.00	N/A	54.00	Horizontal	PASS
5596.840	47.81	N/A	N/A	74.00	N/A	54.00	Horizontal	PASS
9000.240	47.88	N/A	N/A	74.00	N/A	54.00	Horizontal	PASS
12144.920	48.50	N/A	32.28	74.00	N/A	54.00	Horizontal	PASS

(Antenna Horizontal, 30MHz to 18GHz)



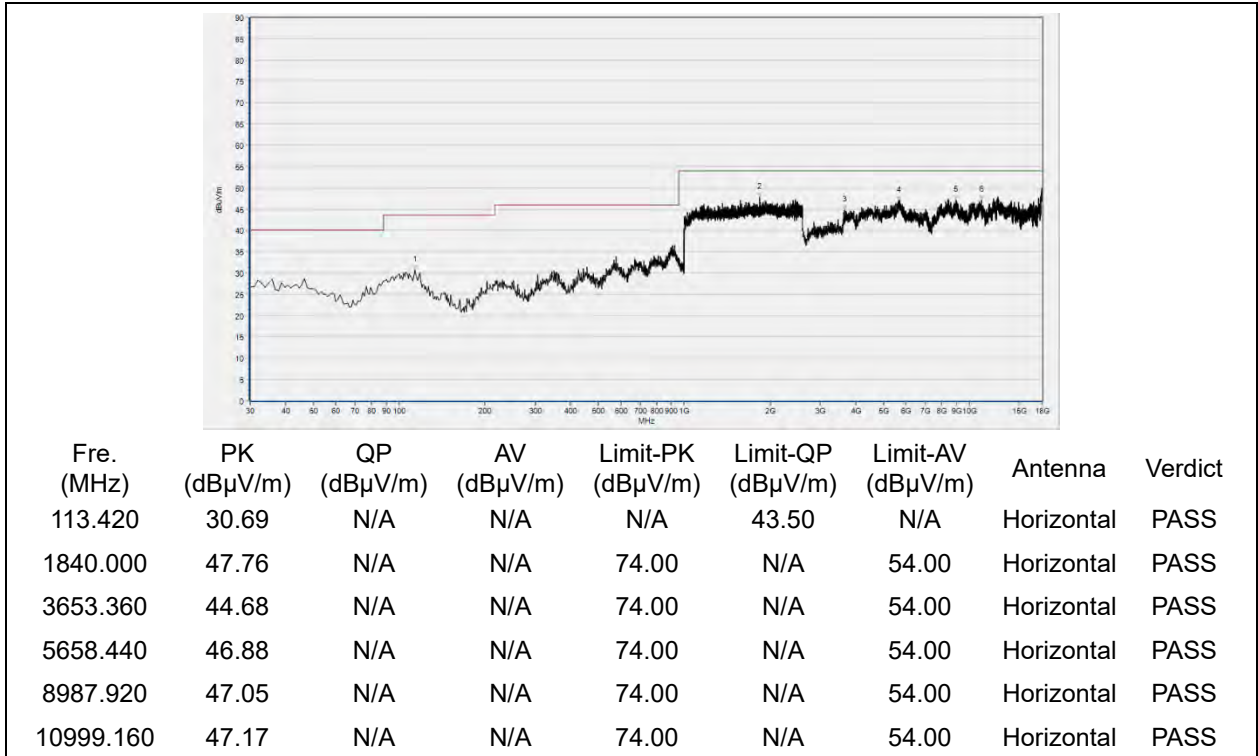
Fre. (MHz)	PK (dBμV/m)	QP (dBμV/m)	AV (dBμV/m)	Limit-PK (dBμV/m)	Limit-QP (dBμV/m)	Limit-AV (dBμV/m)	Antenna	Verdict
98.870	30.78	N/A	N/A	N/A	43.50	N/A	Vertical	PASS
2464.000	48.79	N/A	N/A	74.00	N/A	54.00	Vertical	PASS
3764.240	45.33	N/A	N/A	74.00	N/A	54.00	Vertical	PASS
5658.440	47.68	N/A	N/A	74.00	N/A	54.00	Vertical	PASS
8408.880	48.57	N/A	31.55	74.00	N/A	54.00	Vertical	PASS
12151.080	48.14	N/A	31.30	74.00	N/A	54.00	Vertical	PASS

(Antenna Vertical, 30MHz to 18GHz)

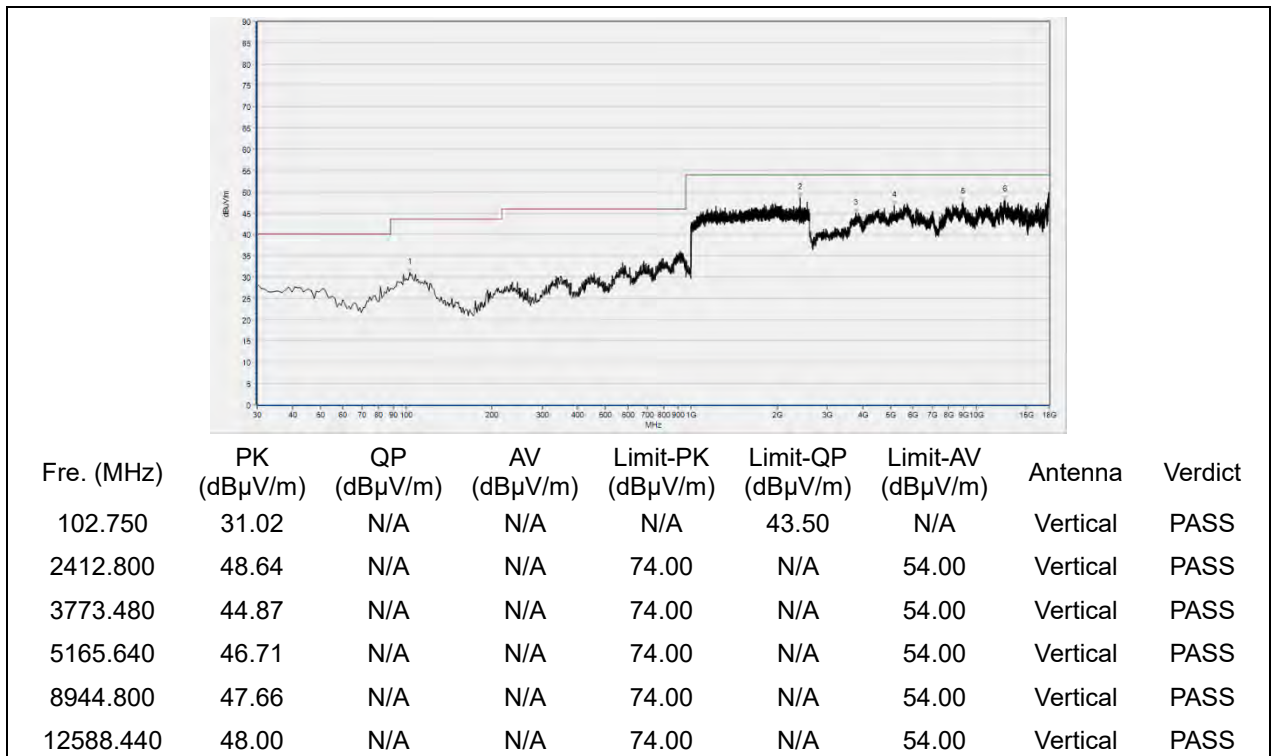


802.11ax (HEW20) Mode

Plot for Channel 1



(Antenna Horizontal, 30MHz to 18GHz)



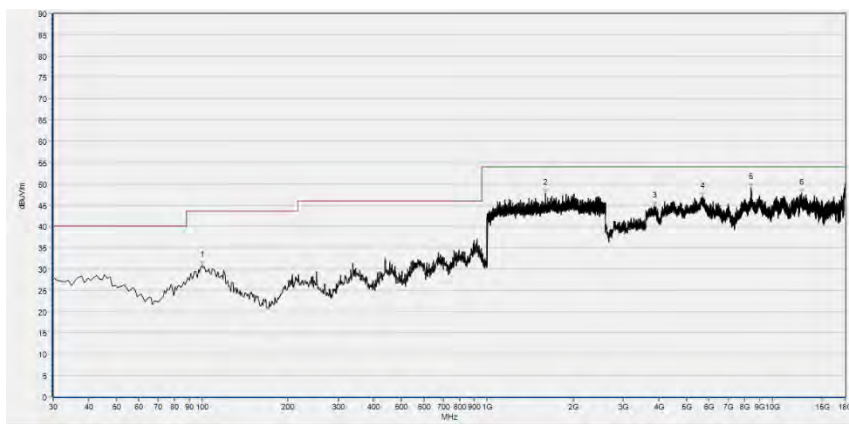
(Antenna Vertical, 30MHz to 18GHz)

Plot for Channel 6



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	31.16	N/A	N/A	N/A	43.50	N/A	Horizontal	PASS
1681.600	47.58	N/A	N/A	74.00	N/A	54.00	Horizontal	PASS
3782.720	45.65	N/A	N/A	74.00	N/A	54.00	Horizontal	PASS
5686.160	47.55	N/A	N/A	74.00	N/A	54.00	Horizontal	PASS
10959.120	48.65	N/A	32.56	74.00	N/A	54.00	Horizontal	PASS
14017.560	48.30	N/A	33.40	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	30.77	N/A	N/A	N/A	43.50	N/A	Vertical	PASS
1601.600	47.69	N/A	N/A	74.00	N/A	54.00	Vertical	PASS
3868.960	44.76	N/A	N/A	74.00	N/A	54.00	Vertical	PASS
5676.920	47.01	N/A	N/A	74.00	N/A	54.00	Vertical	PASS
8405.800	49.19	N/A	31.85	74.00	N/A	54.00	Vertical	PASS
12677.760	47.83	N/A	N/A	74.00	N/A	54.00	Vertical	PASS

(Antenna Vertical, 30MHz to 18GHz)

Plot for Channel 11



Fre. (MHz)	PK (dBμV/m)	QP (dBμV/m)	AV (dBμV/m)	Limit-PK (dBμV/m)	Limit-QP (dBμV/m)	Limit-AV (dBμV/m)	Antenna	Verdict
109.540	31.73	N/A	N/A	N/A	43.50	N/A	Horizontal	PASS
2465.067	48.89	N/A	N/A	74.00	N/A	54.00	Horizontal	PASS
3881.280	44.51	N/A	N/A	74.00	N/A	54.00	Horizontal	PASS
5590.680	47.96	N/A	N/A	74.00	N/A	54.00	Horizontal	PASS
8991.000	47.17	N/A	N/A	74.00	N/A	54.00	Horizontal	PASS
12308.160	47.78	N/A	32.28	74.00	N/A	54.00	Horizontal	PASS

(Antenna Horizontal, 30MHz to 18GHz)



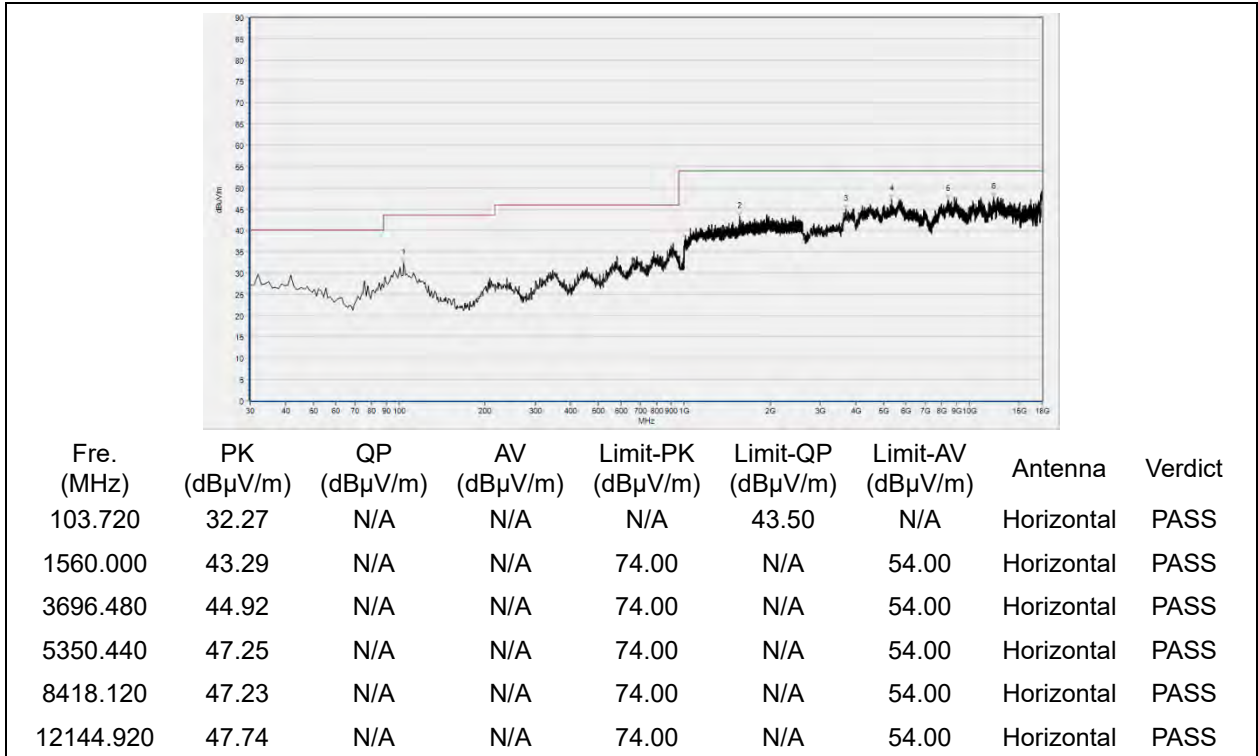
Fre. (MHz)	PK (dBμV/m)	QP (dBμV/m)	AV (dBμV/m)	Limit-PK (dBμV/m)	Limit-QP (dBμV/m)	Limit-AV (dBμV/m)	Antenna	Verdict
102.750	30.53	N/A	N/A	N/A	43.50	N/A	Vertical	PASS
1964.800	48.00	N/A	N/A	74.00	N/A	54.00	Vertical	PASS
3825.840	45.86	N/A	N/A	74.00	N/A	54.00	Vertical	PASS
5670.760	47.24	N/A	N/A	74.00	N/A	54.00	Vertical	PASS
8445.840	47.33	N/A	N/A	74.00	N/A	54.00	Vertical	PASS
10423.200	47.83	N/A	N/A	74.00	N/A	54.00	Vertical	PASS

(Antenna Vertical, 30MHz to 18GHz)

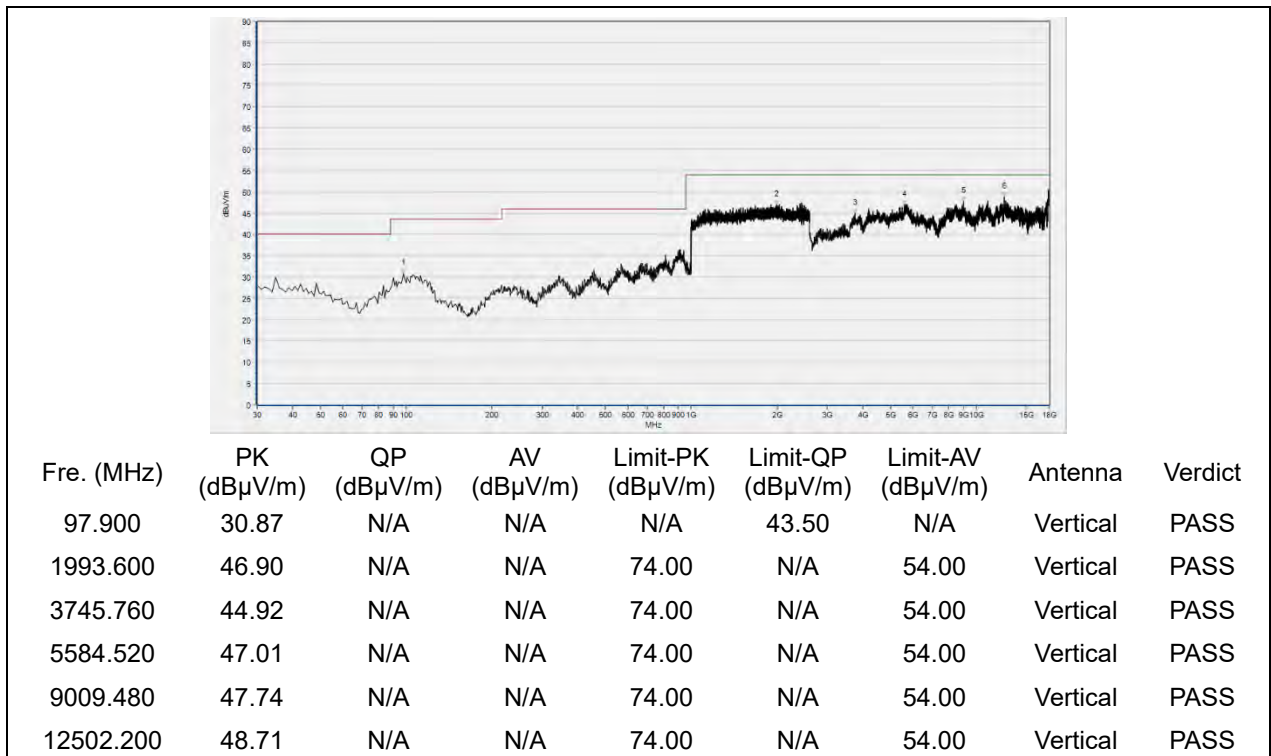


802.11ax (HEW20) RU26 Mode

Plot for Channel 1



(Antenna Horizontal, 30MHz to 18GHz)



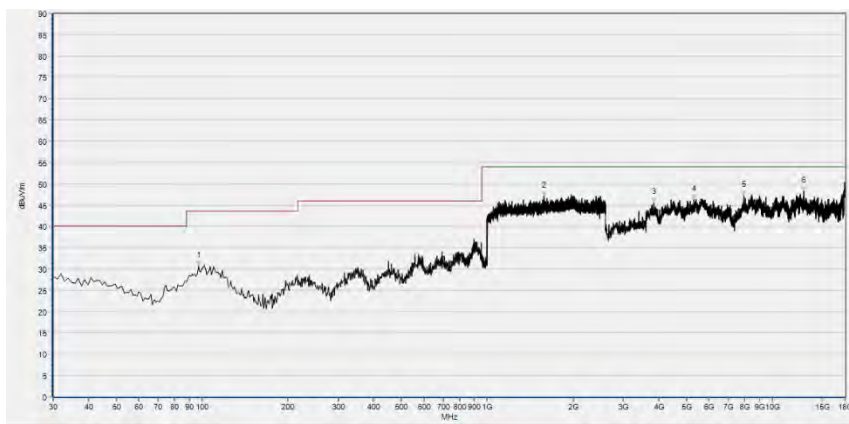
(Antenna Vertical, 30MHz to 18GHz)

Plot for Channel 6



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	30.35	N/A	N/A	N/A	43.50	N/A	Horizontal	PASS
1838.933	47.23	N/A	N/A	74.00	N/A	54.00	Horizontal	PASS
3893.600	45.36	N/A	N/A	74.00	N/A	54.00	Horizontal	PASS
5689.240	47.77	N/A	N/A	74.00	N/A	54.00	Horizontal	PASS
8987.920	47.95	N/A	N/A	74.00	N/A	54.00	Horizontal	PASS
12477.560	48.00	N/A	N/A	74.00	N/A	54.00	Horizontal	PASS

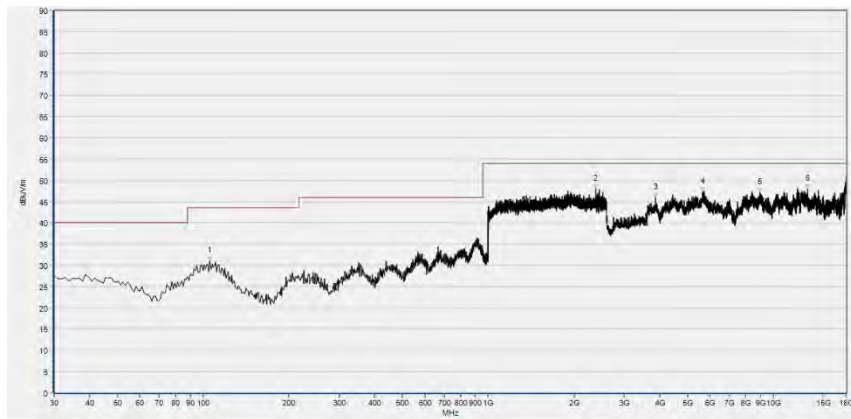
(Antenna Horizontal, 30MHz to 18GHz)



Fre. (MHz)	PK (dBμV/m)	QP (dBμV/m)	AV (dBμV/m)	Limit-PK (dBμV/m)	Limit-QP (dBμV/m)	Limit-AV (dBμV/m)	Antenna	Verdict
96.930	30.72	N/A	N/A	N/A	43.50	N/A	Vertical	PASS
1577.067	47.10	N/A	N/A	74.00	N/A	54.00	Vertical	PASS
3835.080	45.53	N/A	N/A	74.00	N/A	54.00	Vertical	PASS
5295.000	46.19	N/A	N/A	74.00	N/A	54.00	Vertical	PASS
7959.200	47.27	N/A	N/A	74.00	N/A	54.00	Vertical	PASS
12890.280	47.95	N/A	N/A	74.00	N/A	54.00	Vertical	PASS

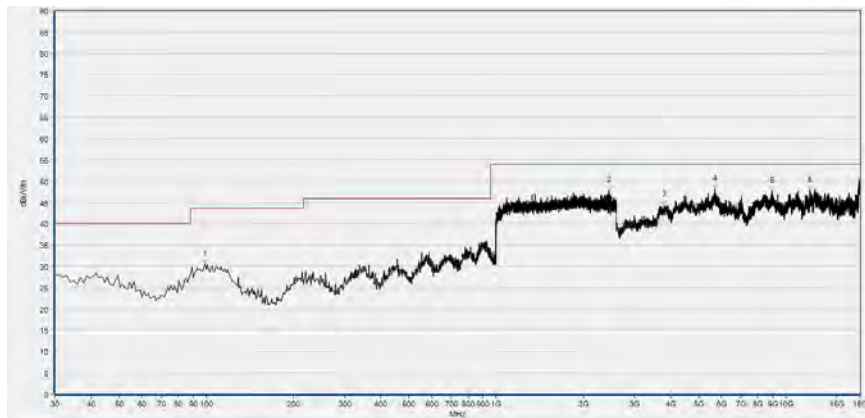
(Antenna Vertical, 30MHz to 18GHz)

Plot for Channel 11



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	30.96	N/A	N/A	N/A	43.50	N/A	Horizontal	PASS
2379.200	47.88	N/A	N/A	74.00	N/A	54.00	Horizontal	PASS
3865.880	46.00	N/A	N/A	74.00	N/A	54.00	Horizontal	PASS
5639.960	47.26	N/A	N/A	74.00	N/A	54.00	Horizontal	PASS
8941.720	47.09	N/A	N/A	74.00	N/A	54.00	Horizontal	PASS
13155.160	47.98	N/A	N/A	74.00	N/A	54.00	Horizontal	PASS

(Antenna Horizontal, 30MHz to 18GHz)



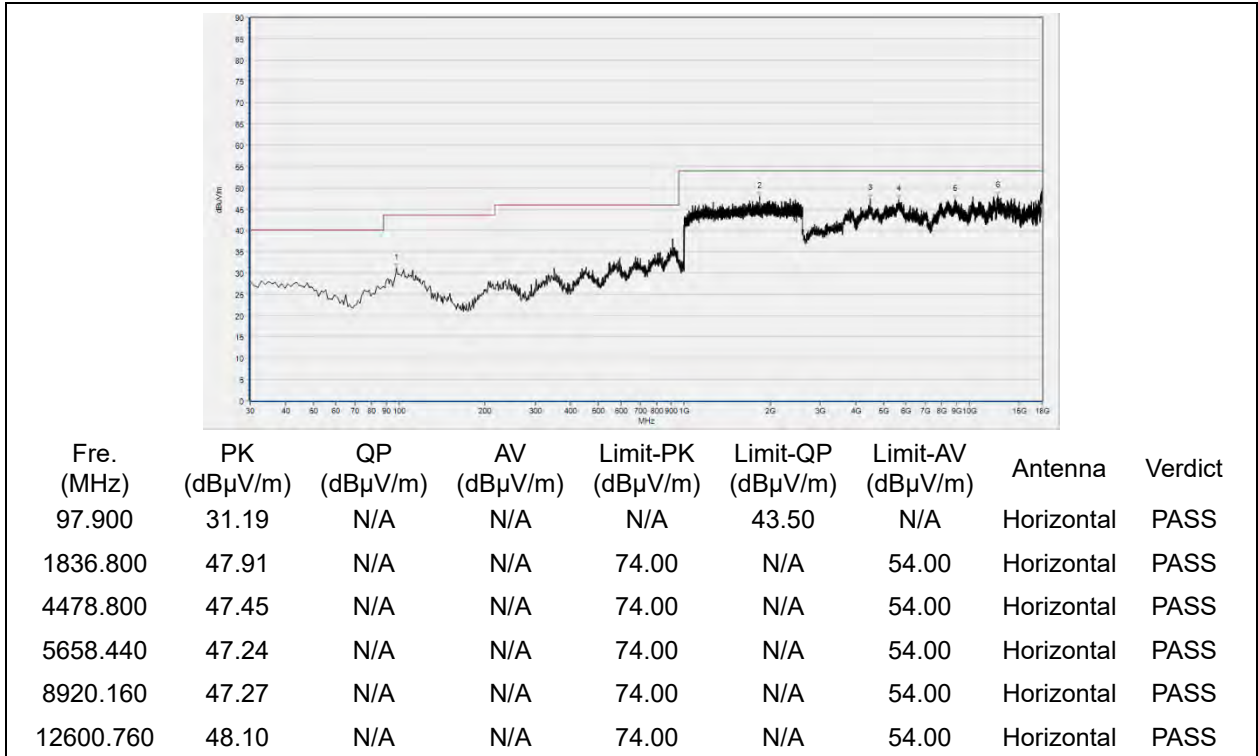
Fre. (MHz)	PK (dBμV/m)	QP (dBμV/m)	AV (dBμV/m)	Limit-PK (dBμV/m)	Limit-QP (dBμV/m)	Limit-AV (dBμV/m)	Antenna	Verdict
98.870	30.52	N/A	N/A	N/A	43.50	N/A	Vertical	PASS
2452.267	47.71	N/A	N/A	74.00	N/A	54.00	Vertical	PASS
3804.280	44.33	N/A	N/A	74.00	N/A	54.00	Vertical	PASS
5695.400	48.11	N/A	N/A	74.00	N/A	54.00	Vertical	PASS
8947.880	47.53	N/A	N/A	74.00	N/A	54.00	Vertical	PASS
12111.040	47.74	N/A	N/A	74.00	N/A	54.00	Vertical	PASS

(Antenna Vertical, 30MHz to 18GHz)

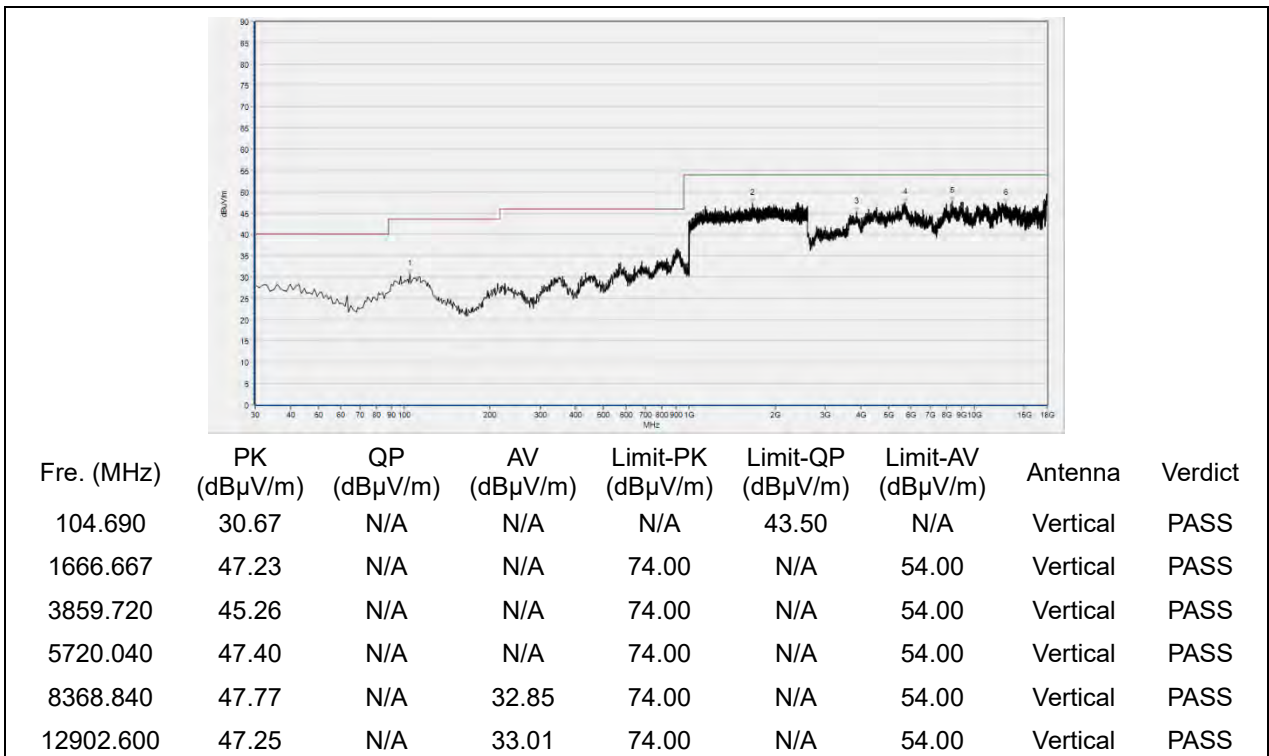


802.11ax (HEW20) RU52 Mode

Plot for Channel 1



(Antenna Horizontal, 30MHz to 18GHz)



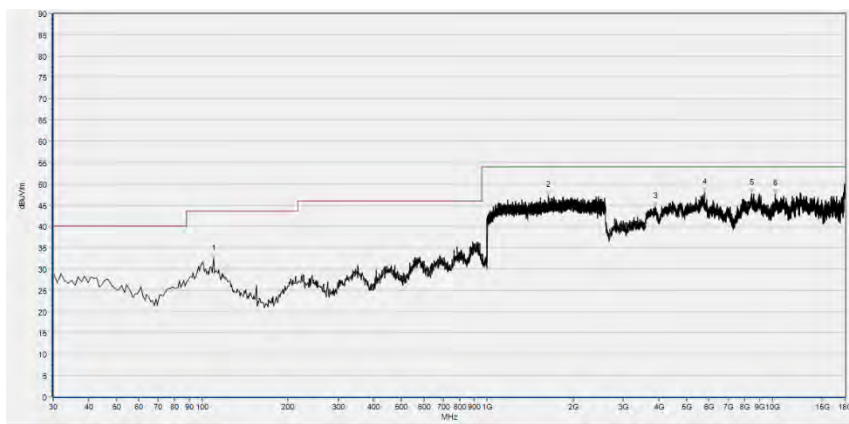
(Antenna Vertical, 30MHz to 18GHz)

Plot for Channel 6



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	30.26	N/A	N/A	N/A	43.50	N/A	Horizontal	PASS
1690.133	47.37	N/A	N/A	74.00	N/A	54.00	Horizontal	PASS
3899.760	45.08	N/A	N/A	74.00	N/A	54.00	Horizontal	PASS
5667.680	47.99	N/A	N/A	74.00	N/A	54.00	Horizontal	PASS
8002.320	47.20	N/A	N/A	74.00	N/A	54.00	Horizontal	PASS
11722.960	47.80	N/A	N/A	74.00	N/A	54.00	Horizontal	PASS

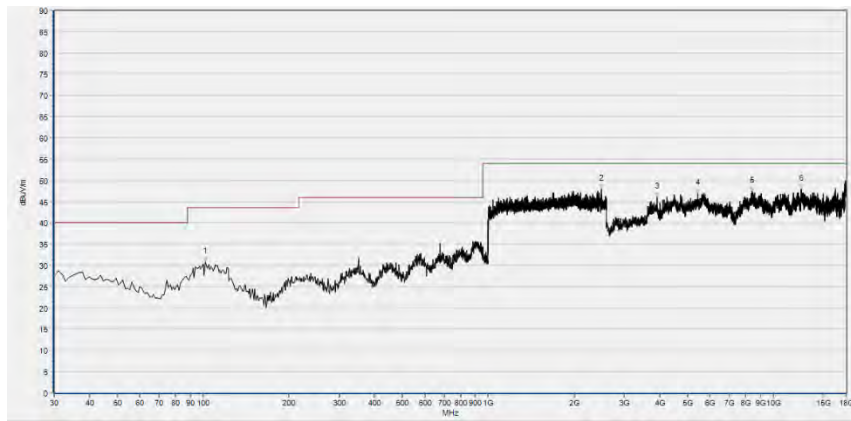
(Antenna Horizontal, 30MHz to 18GHz)



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	32.29	N/A	N/A	N/A	43.50	N/A	Vertical	PASS
1634.133	47.27	N/A	N/A	74.00	N/A	54.00	Vertical	PASS
3878.200	44.51	N/A	N/A	74.00	N/A	54.00	Vertical	PASS
5769.320	47.90	N/A	N/A	74.00	N/A	54.00	Vertical	PASS
8448.920	47.75	N/A	N/A	74.00	N/A	54.00	Vertical	PASS
10213.760	47.51	N/A	N/A	74.00	N/A	54.00	Vertical	PASS

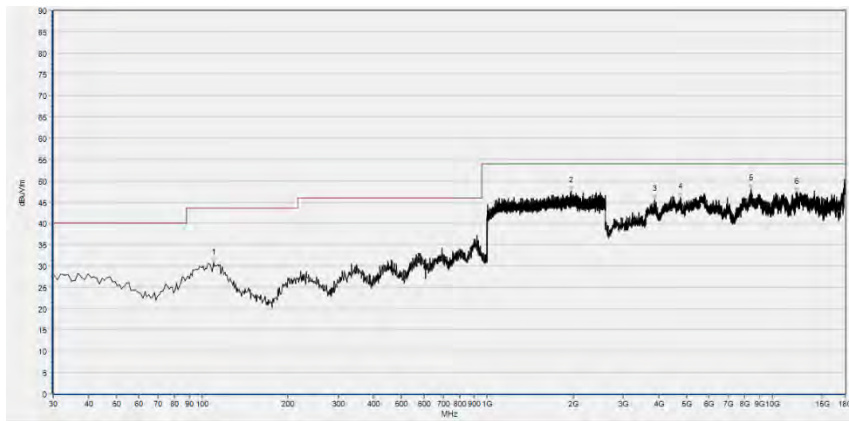
(Antenna Vertical, 30MHz to 18GHz)

Plot for Channel 11



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	30.85	N/A	N/A	N/A	43.50	N/A	Horizontal	PASS
2493.867	47.91	N/A	N/A	74.00	N/A	54.00	Horizontal	PASS
3909.000	46.11	N/A	N/A	74.00	N/A	54.00	Horizontal	PASS
5415.120	46.90	N/A	N/A	74.00	N/A	54.00	Horizontal	PASS
8430.440	47.50	N/A	N/A	74.00	N/A	54.00	Horizontal	PASS
12523.760	47.90	N/A	N/A	74.00	N/A	54.00	Horizontal	PASS

(Antenna Horizontal, 30MHz to 18GHz)



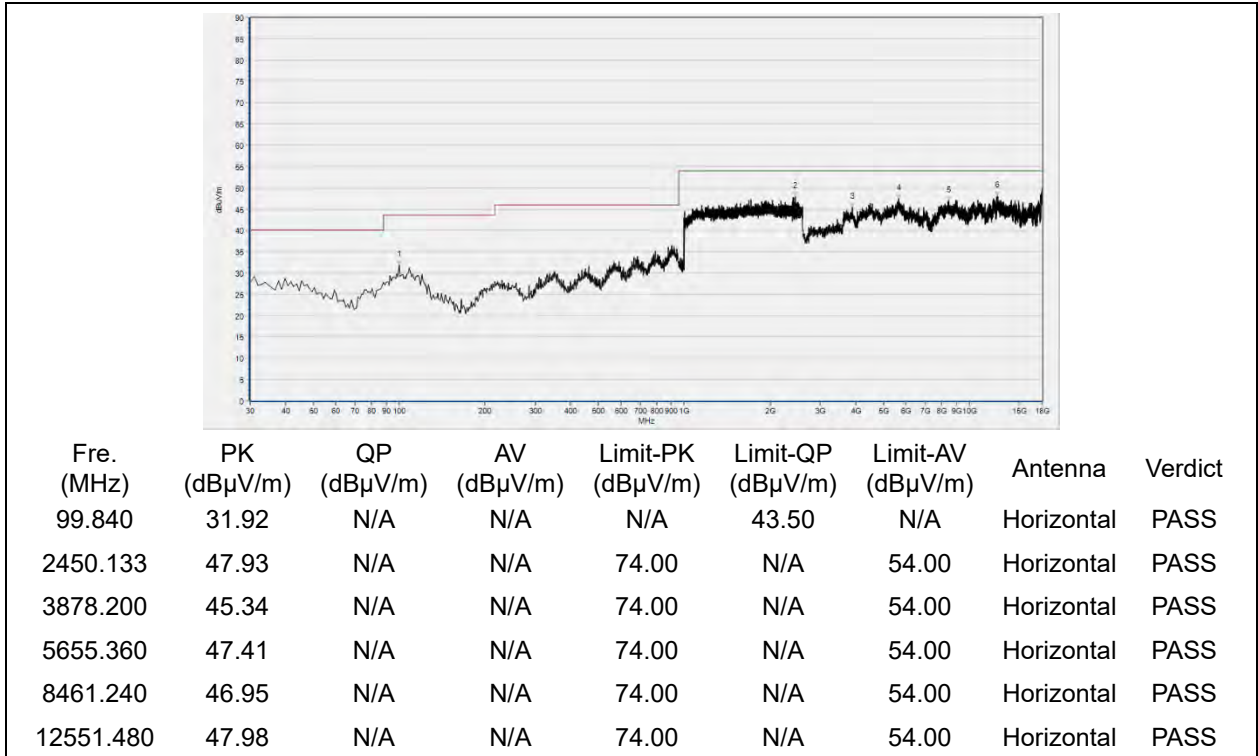
Fre. (MHz)	PK (dBμV/m)	QP (dBμV/m)	AV (dBμV/m)	Limit-PK (dBμV/m)	Limit-QP (dBμV/m)	Limit-AV (dBμV/m)	Antenna	Verdict
109.540	30.60	N/A	N/A	N/A	43.50	N/A	Vertical	PASS
1968.000	47.52	N/A	N/A	74.00	N/A	54.00	Vertical	PASS
3868.960	45.62	N/A	N/A	74.00	N/A	54.00	Vertical	PASS
4752.920	46.06	N/A	N/A	74.00	N/A	54.00	Vertical	PASS
8421.200	48.00	N/A	N/A	74.00	N/A	54.00	Vertical	PASS
12129.520	47.19	N/A	N/A	74.00	N/A	54.00	Vertical	PASS

(Antenna Vertical, 30MHz to 18GHz)

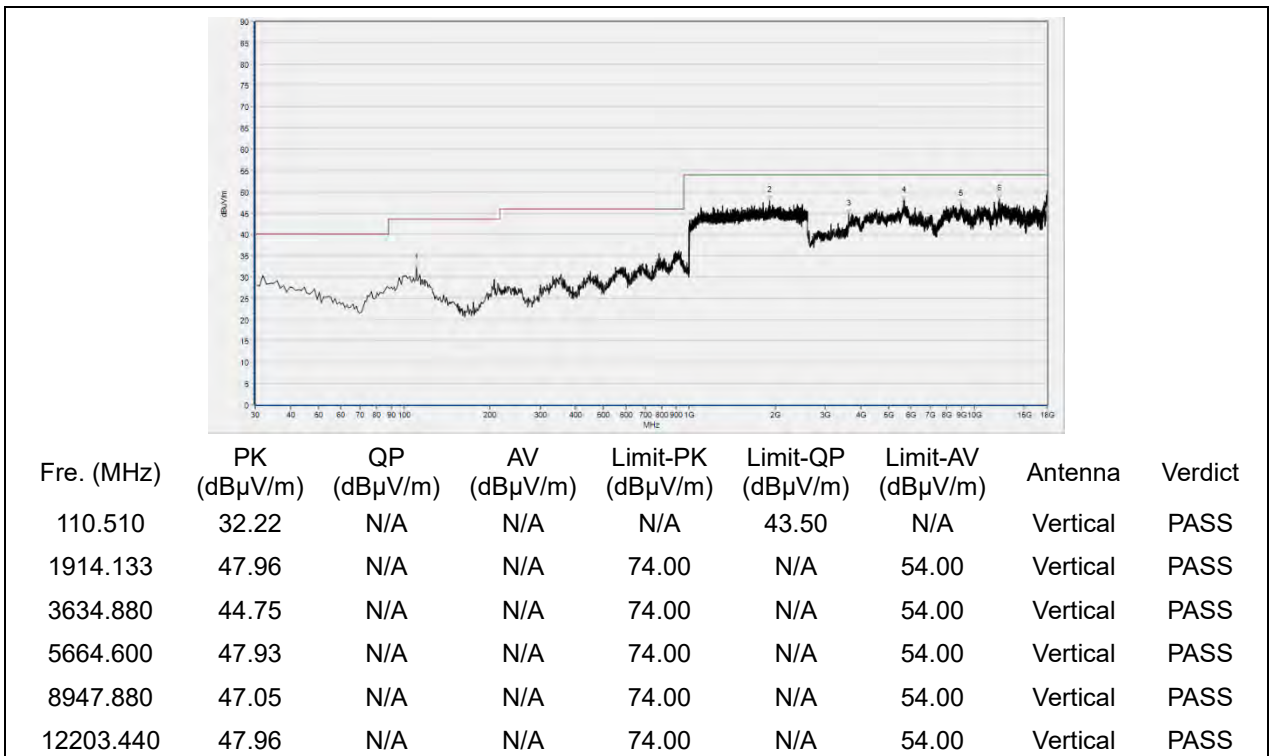


802.11ax (HEW20) RU106 Mode

Plot for Channel 1

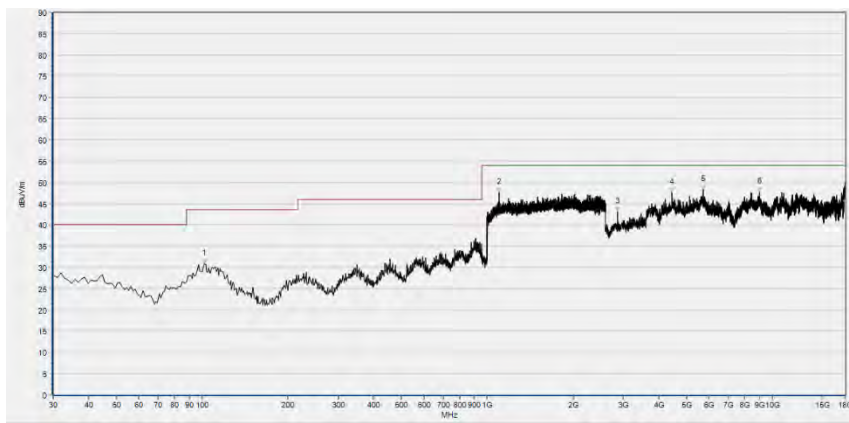


(Antenna Horizontal, 30MHz to 18GHz)



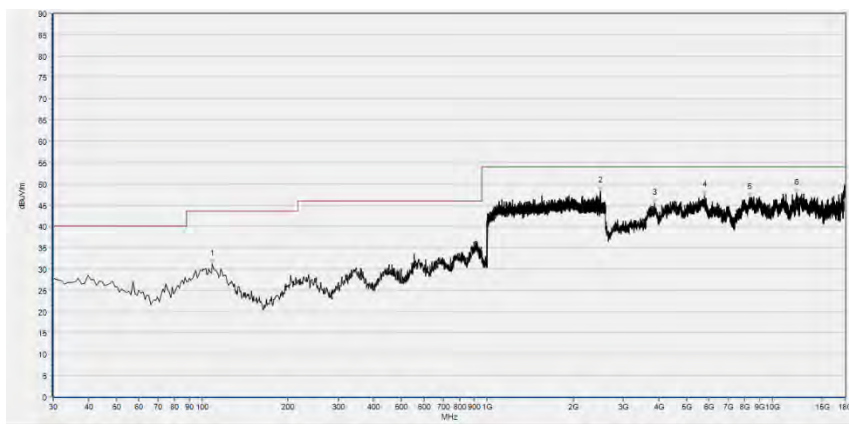
(Antenna Vertical, 30MHz to 18GHz)

Plot for Channel 6



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	30.76	N/A	N/A	N/A	43.50	N/A	Horizontal	PASS
1098.667	47.58	N/A	N/A	74.00	N/A	54.00	Horizontal	PASS
2861.800	43.06	N/A	N/A	74.00	N/A	54.00	Horizontal	PASS
4448.000	47.53	N/A	N/A	74.00	N/A	54.00	Horizontal	PASS
5704.640	48.00	N/A	N/A	74.00	N/A	54.00	Horizontal	PASS
9015.640	47.81	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	31.10	N/A	N/A	N/A	43.50	N/A	Vertical	PASS
2491.733	48.00	N/A	N/A	74.00	N/A	54.00	Vertical	PASS
3868.960	45.38	N/A	N/A	74.00	N/A	54.00	Vertical	PASS
5793.960	47.27	N/A	N/A	74.00	N/A	54.00	Vertical	PASS
8298.000	46.77	N/A	N/A	74.00	N/A	54.00	Vertical	PASS
12160.320	47.83	N/A	N/A	74.00	N/A	54.00	Vertical	PASS

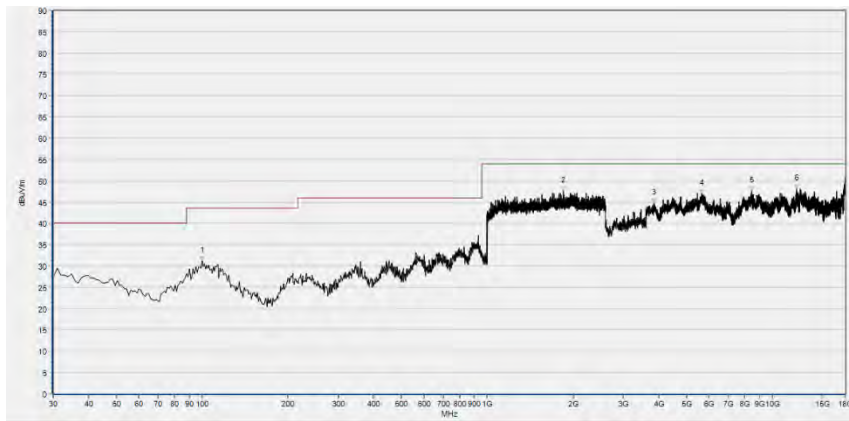
(Antenna Vertical, 30MHz to 18GHz)

Plot for Channel 11



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
1998.933	47.71	N/A	N/A	74.00	N/A	54.00	Horizontal	PASS
3878.200	44.95	N/A	N/A	74.00	N/A	54.00	Horizontal	PASS
5621.480	47.42	N/A	N/A	74.00	N/A	54.00	Horizontal	PASS
8387.320	47.73	N/A	N/A	74.00	N/A	54.00	Horizontal	PASS
12160.320	47.19	N/A	N/A	74.00	N/A	54.00	Horizontal	PASS

(Antenna Horizontal, 30MHz to 18GHz)



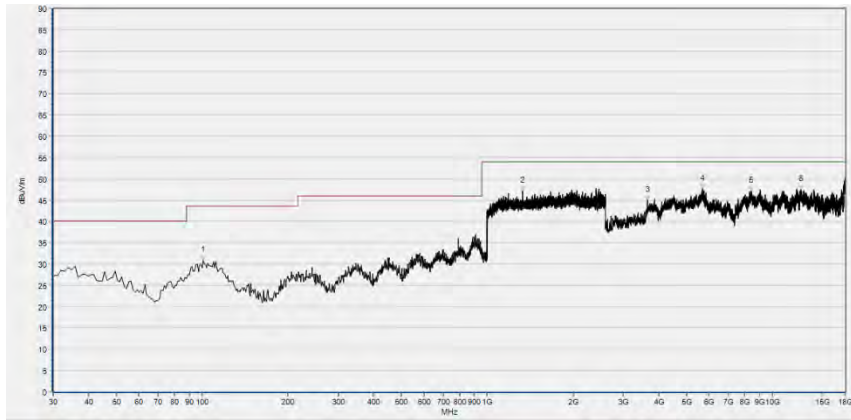
Fre. (MHz)	PK (dBμV/m)	QP (dBμV/m)	AV (dBμV/m)	Limit-PK (dBμV/m)	Limit-QP (dBμV/m)	Limit-AV (dBμV/m)	Antenna	Verdict
99.840	31.21	N/A	N/A	N/A	43.50	N/A	Vertical	PASS
1852.267	47.60	N/A	N/A	74.00	N/A	54.00	Vertical	PASS
3838.160	44.77	N/A	N/A	74.00	N/A	54.00	Vertical	PASS
5646.120	46.95	N/A	N/A	74.00	N/A	54.00	Vertical	PASS
8442.760	47.55	N/A	N/A	74.00	N/A	54.00	Vertical	PASS
12160.320	47.95	N/A	N/A	74.00	N/A	54.00	Vertical	PASS

(Antenna Vertical, 30MHz to 18GHz)



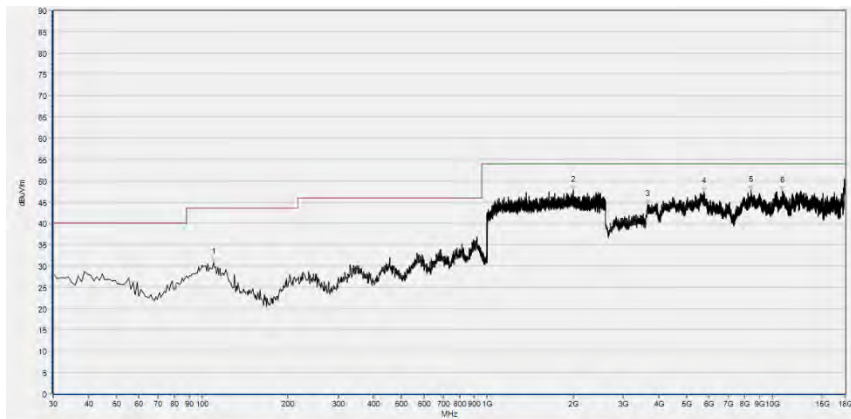
802.11n (HT40) Mode

Plot for Channel 3



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	30.79	N/A	N/A	N/A	43.50	N/A	Horizontal	PASS
1331.200	47.05	N/A	N/A	74.00	N/A	54.00	Horizontal	PASS
3637.960	44.85	N/A	N/A	74.00	N/A	54.00	Horizontal	PASS
5676.920	47.52	N/A	N/A	74.00	N/A	54.00	Horizontal	PASS
8411.960	47.05	N/A	N/A	74.00	N/A	54.00	Horizontal	PASS
12576.120	47.36	N/A	N/A	74.00	N/A	54.00	Horizontal	PASS

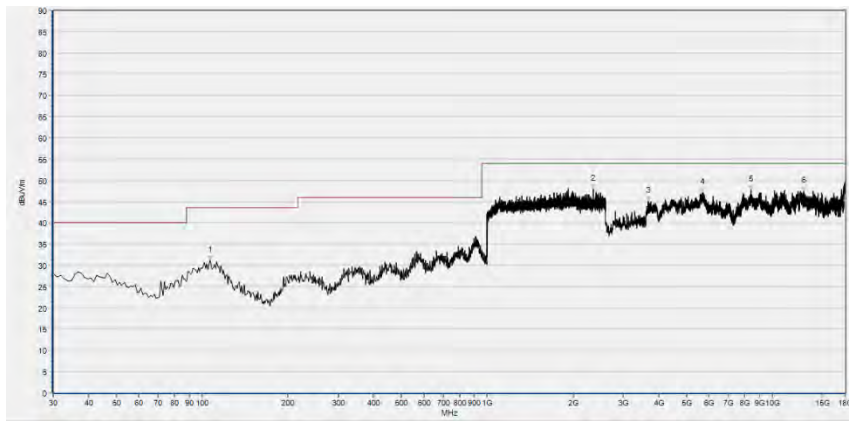
(Antenna Horizontal, 30MHz to 18GHz)



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	30.77	N/A	N/A	N/A	43.50	N/A	Vertical	PASS
1998.933	47.83	N/A	N/A	74.00	N/A	54.00	Vertical	PASS
3656.440	44.47	N/A	N/A	74.00	N/A	54.00	Vertical	PASS
5750.840	47.37	N/A	N/A	74.00	N/A	54.00	Vertical	PASS
8399.640	47.68	N/A	N/A	74.00	N/A	54.00	Vertical	PASS
10869.800	47.55	N/A	N/A	74.00	N/A	54.00	Vertical	PASS

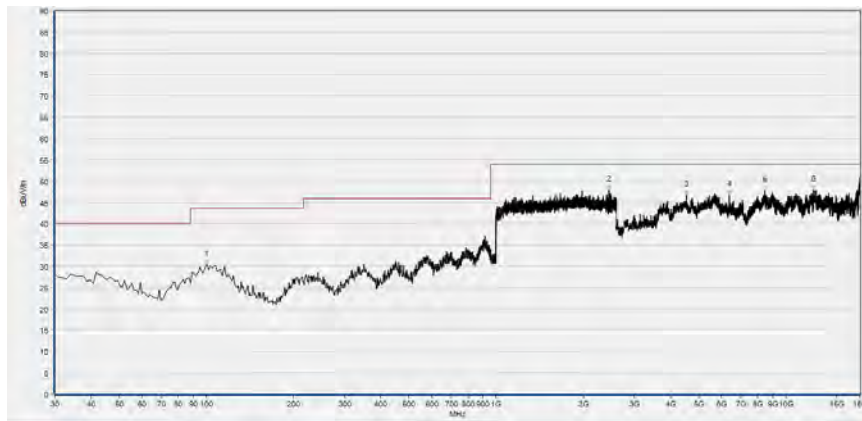
(Antenna Vertical, 30MHz to 18GHz)

Plot for Channel 6



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	31.25	N/A	N/A	N/A	43.50	N/A	Horizontal	PASS
2350.933	47.91	N/A	N/A	74.00	N/A	54.00	Horizontal	PASS
3665.680	45.14	N/A	N/A	74.00	N/A	54.00	Horizontal	PASS
5692.320	47.10	N/A	N/A	74.00	N/A	54.00	Horizontal	PASS
8390.400	47.74	N/A	N/A	74.00	N/A	54.00	Horizontal	PASS
12905.680	47.42	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	30.26	N/A	N/A	N/A	43.50	N/A	Vertical	PASS
2456.533	47.97	N/A	N/A	74.00	N/A	54.00	Vertical	PASS
4528.080	46.83	N/A	N/A	74.00	N/A	54.00	Vertical	PASS
6385.320	46.69	N/A	N/A	74.00	N/A	54.00	Vertical	PASS
8442.760	47.83	N/A	N/A	74.00	N/A	54.00	Vertical	PASS
12471.400	48.00	N/A	N/A	74.00	N/A	54.00	Vertical	PASS

(Antenna Vertical, 30MHz to 18GHz)

Plot for Channel 9



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	30.78	N/A	N/A	N/A	43.50	N/A	Horizontal	PASS
2128.000	47.83	N/A	N/A	74.00	N/A	54.00	Horizontal	PASS
3758.080	45.20	N/A	N/A	74.00	N/A	54.00	Horizontal	PASS
5667.680	47.88	N/A	N/A	74.00	N/A	54.00	Horizontal	PASS
8470.480	48.27	N/A	31.38	74.00	N/A	54.00	Horizontal	PASS
12597.680	48.00	N/A	N/A	74.00	N/A	54.00	Horizontal	PASS

(Antenna Horizontal, 30MHz to 18GHz)



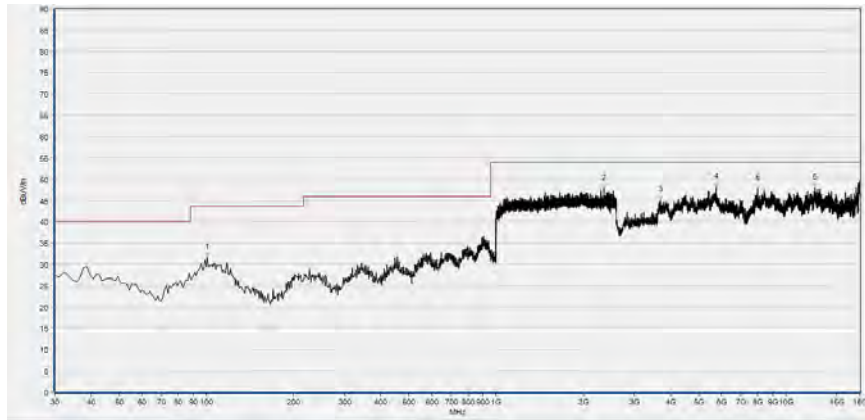
Fre. (MHz)	PK (dBµV/m)	QP (dBµV/m)	AV (dBµV/m)	Limit-PK (dBµV/m)	Limit-QP (dBµV/m)	Limit-AV (dBµV/m)	Antenna	Verdict
103.720	31.62	N/A	N/A	N/A	43.50	N/A	Vertical	PASS
1669.333	48.36	N/A	30.12	74.00	N/A	54.00	Vertical	PASS
4260.120	46.46	N/A	N/A	74.00	N/A	54.00	Vertical	PASS
5664.600	47.83	N/A	N/A	74.00	N/A	54.00	Vertical	PASS
8482.800	47.40	N/A	N/A	74.00	N/A	54.00	Vertical	PASS
13102.800	49.44	N/A	33.01	74.00	N/A	54.00	Vertical	PASS

(Antenna Vertical, 30MHz to 18GHz)



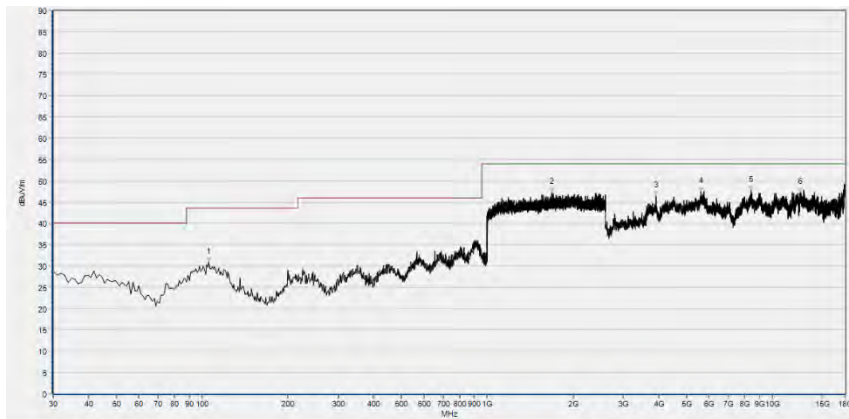
802.11ax (HEW40) Mode

Plot for Channel 3



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	31.50	N/A	N/A	N/A	43.50	N/A	Horizontal	PASS
2352.533	47.77	N/A	N/A	74.00	N/A	54.00	Horizontal	PASS
3684.160	45.03	N/A	N/A	74.00	N/A	54.00	Horizontal	PASS
5735.440	48.00	N/A	N/A	74.00	N/A	54.00	Horizontal	PASS
7980.760	47.80	N/A	N/A	74.00	N/A	54.00	Horizontal	PASS
12625.400	47.89	N/A	N/A	74.00	N/A	54.00	Horizontal	PASS

(Antenna Horizontal, 30MHz to 18GHz)



Fre. (MHz)	PK (dBμV/m)	QP (dBμV/m)	AV (dBμV/m)	Limit-PK (dBμV/m)	Limit-QP (dBμV/m)	Limit-AV (dBμV/m)	Antenna	Verdict
105.660	30.80	N/A	N/A	N/A	43.50	N/A	Vertical	PASS
1683.733	47.18	N/A	N/A	74.00	N/A	54.00	Vertical	PASS
3909.000	46.36	N/A	N/A	74.00	N/A	54.00	Vertical	PASS
5618.400	47.36	N/A	N/A	74.00	N/A	54.00	Vertical	PASS
8433.520	47.77	N/A	N/A	74.00	N/A	54.00	Vertical	PASS
12499.120	47.22	N/A	N/A	74.00	N/A	54.00	Vertical	PASS

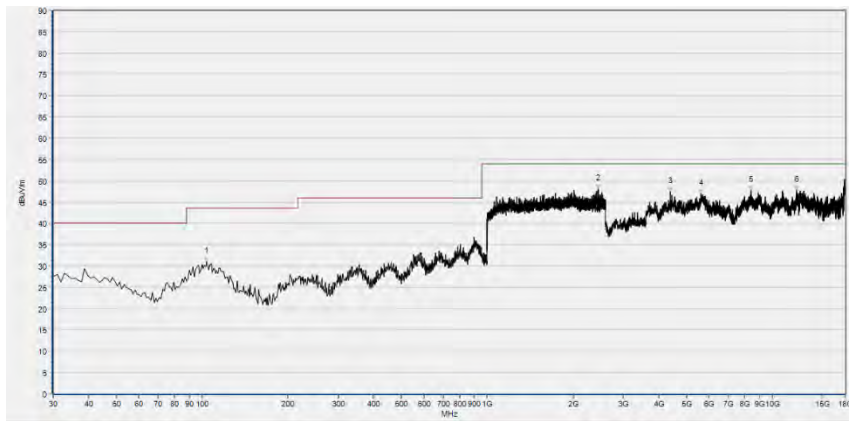
(Antenna Vertical, 30MHz to 18GHz)

Plot for Channel 6



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	31.20	N/A	N/A	N/A	43.50	N/A	Horizontal	PASS
2409.067	47.54	N/A	N/A	74.00	N/A	54.00	Horizontal	PASS
4549.640	47.98	N/A	N/A	74.00	N/A	54.00	Horizontal	PASS
5667.680	47.50	N/A	N/A	74.00	N/A	54.00	Horizontal	PASS
8433.520	47.43	N/A	N/A	74.00	N/A	54.00	Horizontal	PASS
12132.600	47.86	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	31.00	N/A	N/A	N/A	43.50	N/A	Vertical	PASS
2448.000	48.11	N/A	N/A	74.00	N/A	54.00	Vertical	PASS
4386.400	47.42	N/A	N/A	74.00	N/A	54.00	Vertical	PASS
5624.560	46.86	N/A	N/A	74.00	N/A	54.00	Vertical	PASS
8430.440	47.72	N/A	N/A	74.00	N/A	54.00	Vertical	PASS
12160.320	47.76	N/A	N/A	74.00	N/A	54.00	Vertical	PASS

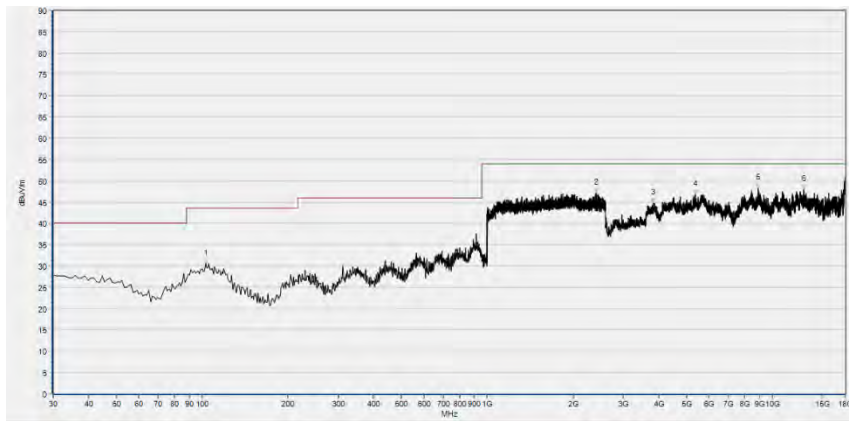
(Antenna Vertical, 30MHz to 18GHz)

Plot for Channel 9



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	30.57	N/A	N/A	N/A	43.50	N/A	Horizontal	PASS
2018.133	47.43	N/A	N/A	74.00	N/A	54.00	Horizontal	PASS
3865.880	45.76	N/A	N/A	74.00	N/A	54.00	Horizontal	PASS
5732.360	47.22	N/A	N/A	74.00	N/A	54.00	Horizontal	PASS
7836.000	47.42	N/A	N/A	74.00	N/A	54.00	Horizontal	PASS
12203.440	47.86	N/A	N/A	74.00	N/A	54.00	Horizontal	PASS

(Antenna Horizontal, 30MHz to 18GHz)



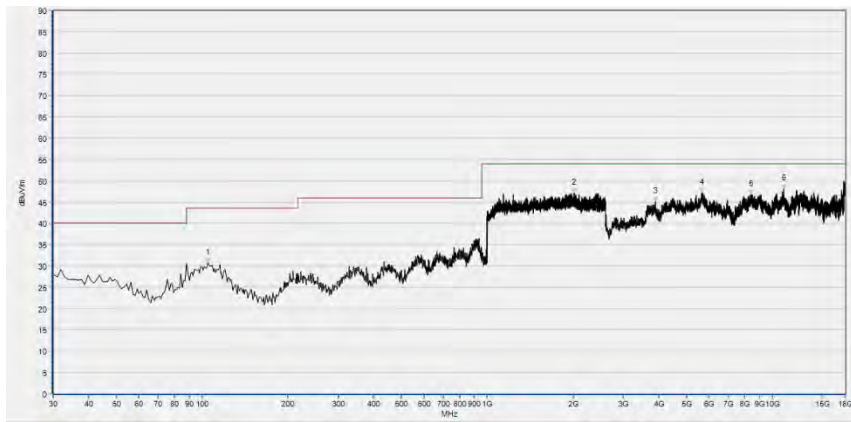
Fre. (MHz)	PK (dBµV/m)	QP (dBµV/m)	AV (dBµV/m)	Limit-PK (dBµV/m)	Limit-QP (dBµV/m)	Limit-AV (dBµV/m)	Antenna	Verdict
102.750	30.52	N/A	N/A	N/A	43.50	N/A	Vertical	PASS
2411.200	47.03	N/A	N/A	74.00	N/A	54.00	Vertical	PASS
3816.600	44.77	N/A	N/A	74.00	N/A	54.00	Vertical	PASS
5362.760	46.79	N/A	N/A	74.00	N/A	54.00	Vertical	PASS
8917.080	48.27	N/A	33.25	74.00	N/A	54.00	Vertical	PASS
12893.360	47.86	N/A	N/A	74.00	N/A	54.00	Vertical	PASS

(Antenna Vertical, 30MHz to 18GHz)



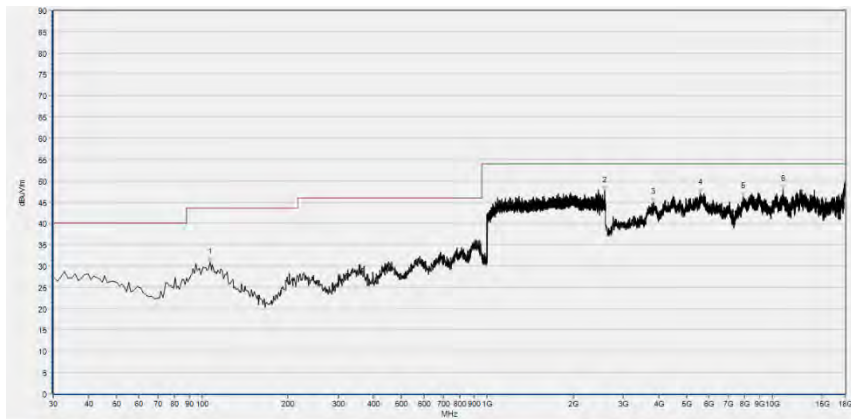
802.11ax (HEW40) RU242 Mode

Plot for Channel 3



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	30.59	N/A	N/A	N/A	43.50	N/A	Horizontal	PASS
2014.933	47.02	N/A	N/A	74.00	N/A	54.00	Horizontal	PASS
3890.520	45.02	N/A	N/A	74.00	N/A	54.00	Horizontal	PASS
5639.960	47.05	N/A	N/A	74.00	N/A	54.00	Horizontal	PASS
8421.200	46.77	N/A	N/A	74.00	N/A	54.00	Horizontal	PASS
10965.280	48.00	N/A	N/A	74.00	N/A	54.00	Horizontal	PASS

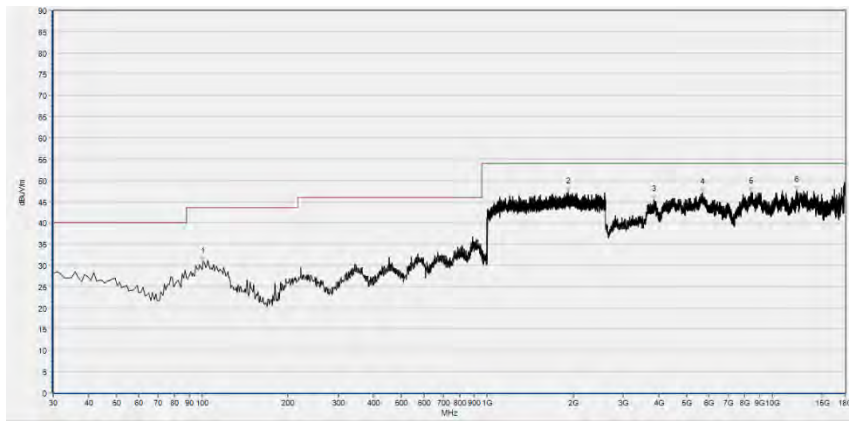
(Antenna Horizontal, 30MHz to 18GHz)



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	30.86	N/A	N/A	N/A	43.50	N/A	Vertical	PASS
2576.000	47.58	N/A	N/A	74.00	N/A	54.00	Vertical	PASS
3822.760	44.92	N/A	N/A	74.00	N/A	54.00	Vertical	PASS
5578.360	47.04	N/A	N/A	74.00	N/A	54.00	Vertical	PASS
7891.440	46.33	N/A	N/A	74.00	N/A	54.00	Vertical	PASS
10909.840	47.93	N/A	N/A	74.00	N/A	54.00	Vertical	PASS

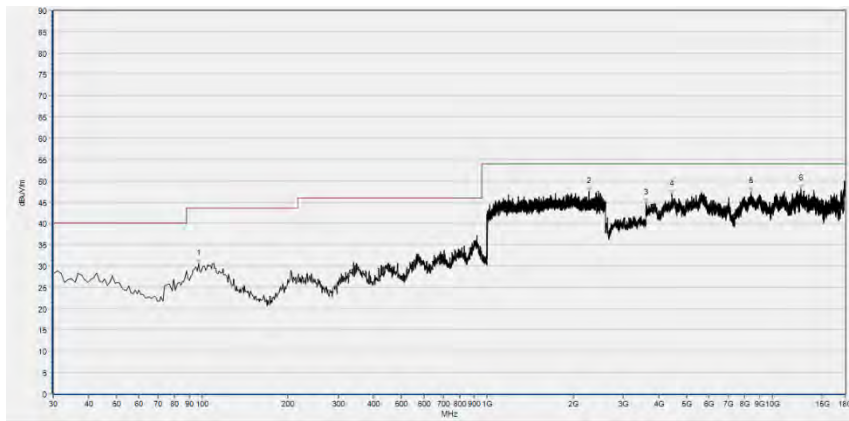
(Antenna Vertical, 30MHz to 18GHz)

Plot for Channel 6



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	30.80	N/A	N/A	N/A	43.50	N/A	Horizontal	PASS
1925.867	47.26	N/A	N/A	74.00	N/A	54.00	Horizontal	PASS
3850.480	45.36	N/A	N/A	74.00	N/A	54.00	Horizontal	PASS
5689.240	47.16	N/A	N/A	74.00	N/A	54.00	Horizontal	PASS
8418.120	47.34	N/A	N/A	74.00	N/A	54.00	Horizontal	PASS
12160.320	47.54	N/A	N/A	74.00	N/A	54.00	Horizontal	PASS

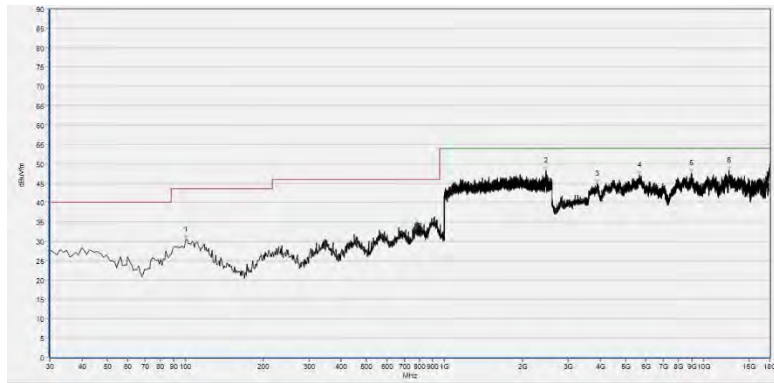
(Antenna Horizontal, 30MHz to 18GHz)



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
96.930	30.58	N/A	N/A	N/A	43.50	N/A	Vertical	PASS
2268.800	47.38	N/A	N/A	74.00	N/A	54.00	Vertical	PASS
3607.160	44.81	N/A	N/A	74.00	N/A	54.00	Vertical	PASS
4448.000	46.71	N/A	N/A	74.00	N/A	54.00	Vertical	PASS
8424.280	47.42	N/A	N/A	74.00	N/A	54.00	Vertical	PASS
12610.000	48.00	N/A	N/A	74.00	N/A	54.00	Vertical	PASS

(Antenna Vertical, 30MHz to 18GHz)

Plot for Channel 9



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	30.54	N/A	N/A	N/A	43.50	N/A	Horizontal	PASS
2459.200	48.28	N/A	39.34	74.00	N/A	54.00	Horizontal	PASS
3875.120	44.87	N/A	N/A	74.00	N/A	54.00	Horizontal	PASS
5664.600	47.10	N/A	N/A	74.00	N/A	54.00	Horizontal	PASS
8944.800	47.52	N/A	N/A	74.00	N/A	54.00	Horizontal	PASS
12520.680	47.96	N/A	N/A	74.00	N/A	54.00	Horizontal	PASS

(Antenna Horizontal, 30MHz to 18GHz)



Fre. (MHz)	PK (dBµV/m)	QP (dBµV/m)	AV (dBµV/m)	Limit-PK (dBµV/m)	Limit-QP (dBµV/m)	Limit-AV (dBµV/m)	Antenna	Verdict
102.750	30.84	N/A	N/A	N/A	43.50	N/A	Vertical	PASS
2464.000	48.19	N/A	39.88	74.00	N/A	54.00	Vertical	PASS
3696.480	44.79	N/A	N/A	74.00	N/A	54.00	Vertical	PASS
4756.000	47.26	N/A	N/A	74.00	N/A	54.00	Vertical	PASS
5683.080	47.95	N/A	N/A	74.00	N/A	54.00	Vertical	PASS
12206.520	48.00	N/A	N/A	74.00	N/A	54.00	Vertical	PASS

(Antenna Vertical, 30MHz to 18GHz)

————— END OF REPORT —————