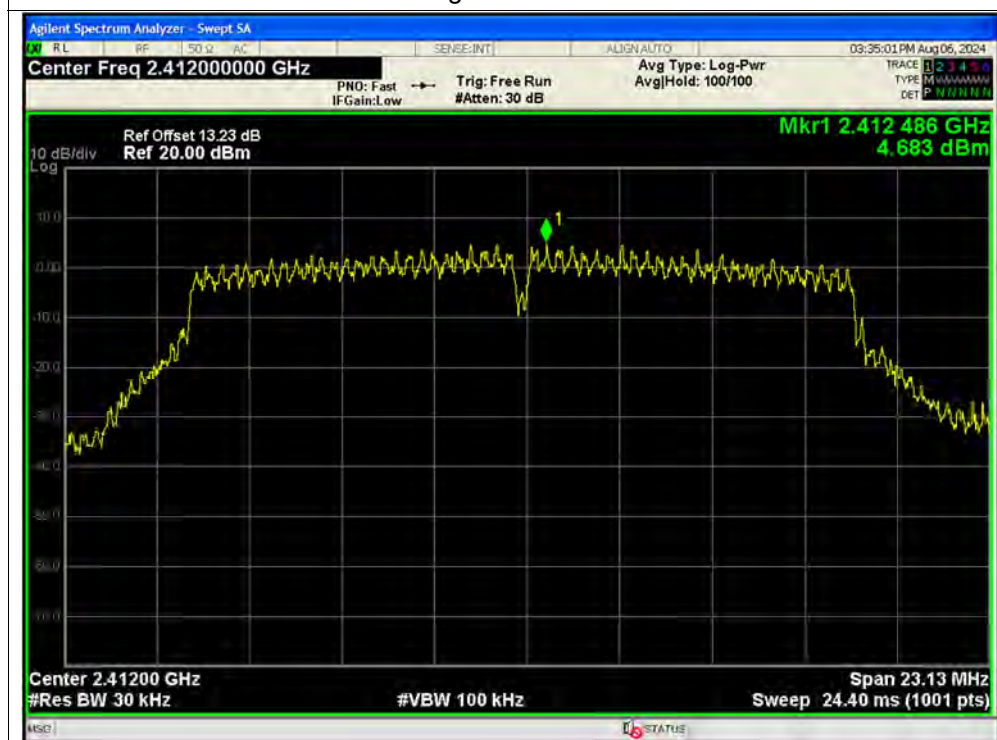


PSD NVNT g 2472MHz Ant3 SISO



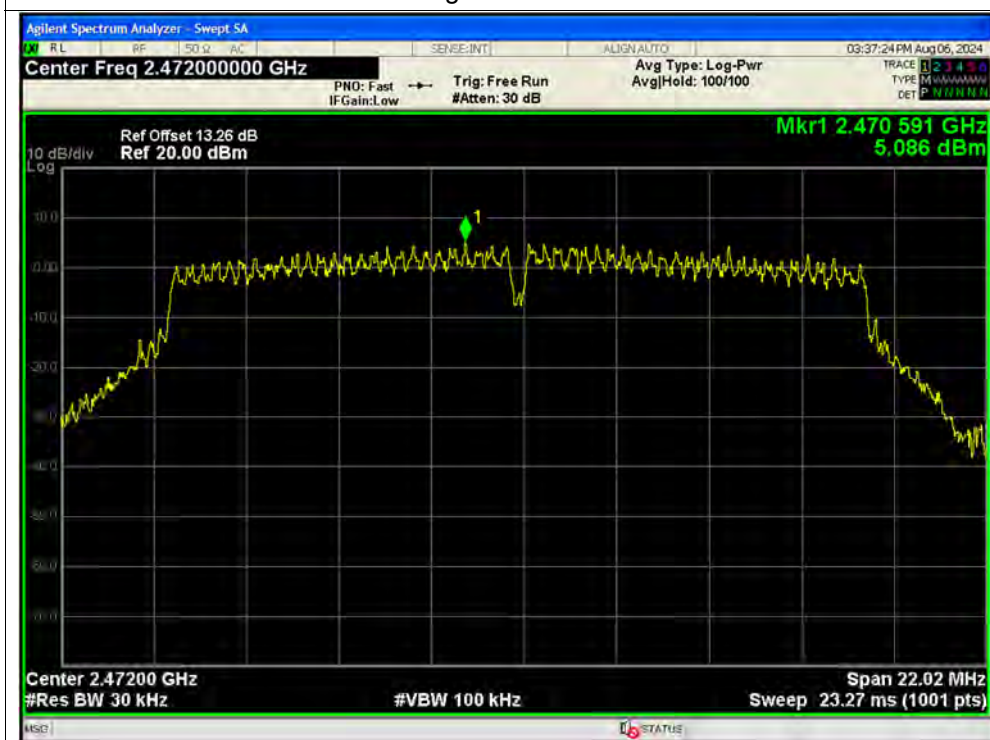
PSD NVNT g 2412MHz Ant4 SISO



PSD NVNT g 2442MHz Ant4 SISO

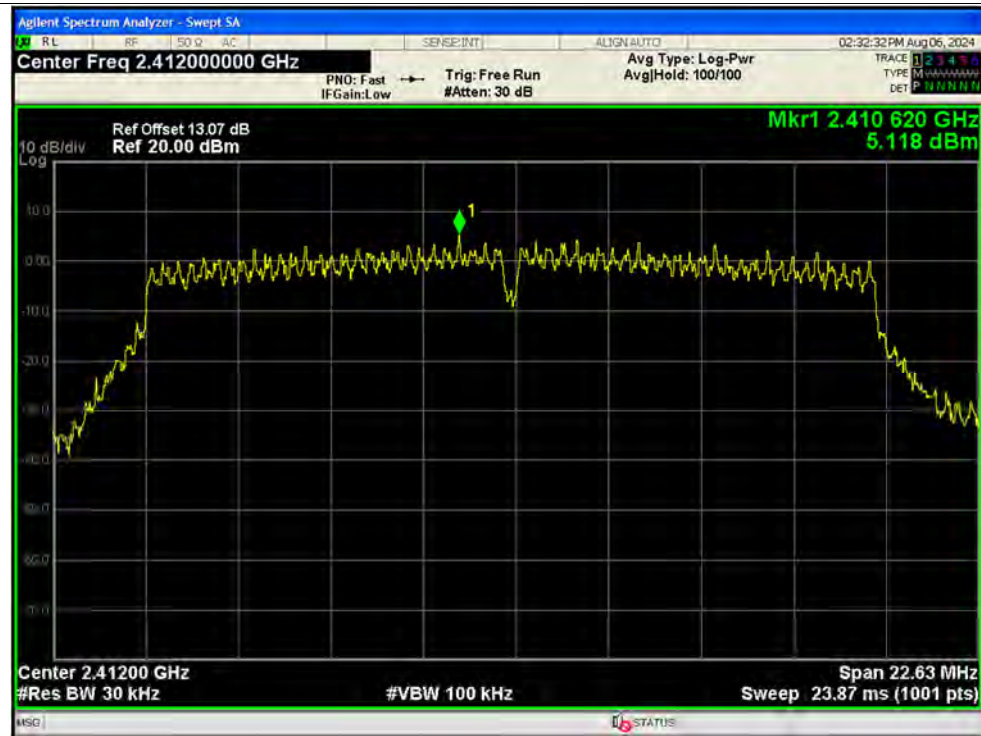


PSD NVNT g 2472MHz Ant4 SISO





PSD NVNT n20 2412MHz Ant1 SISO

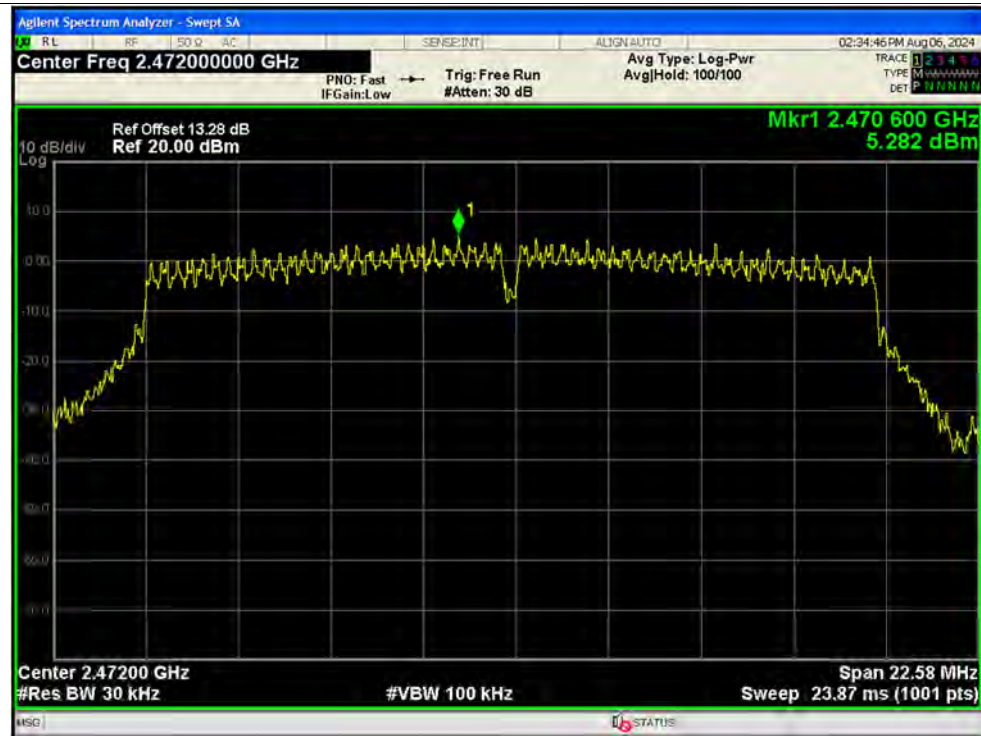


PSD NVNT n20 2442MHz Ant1 SISO

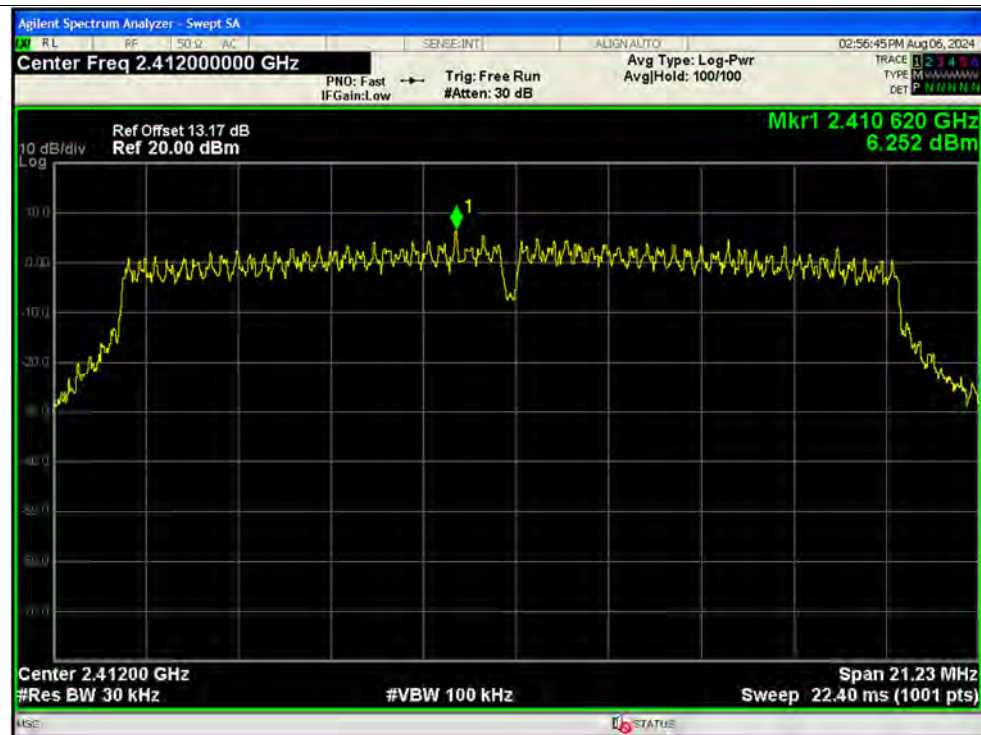




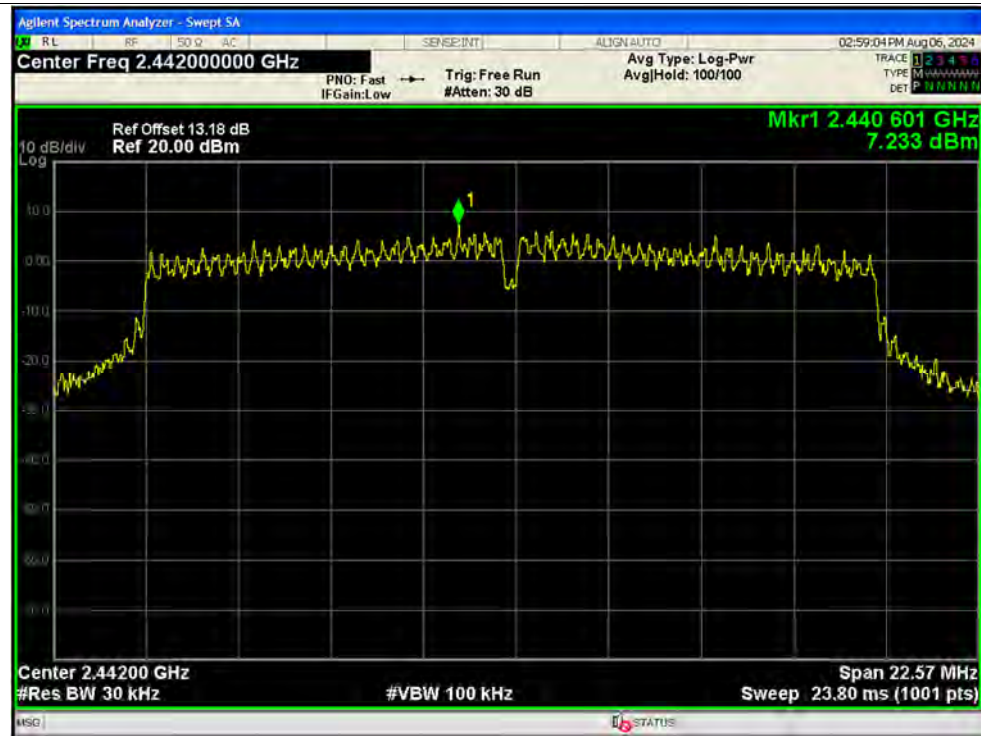
PSD NVNT n20 2472MHz Ant1 SISO



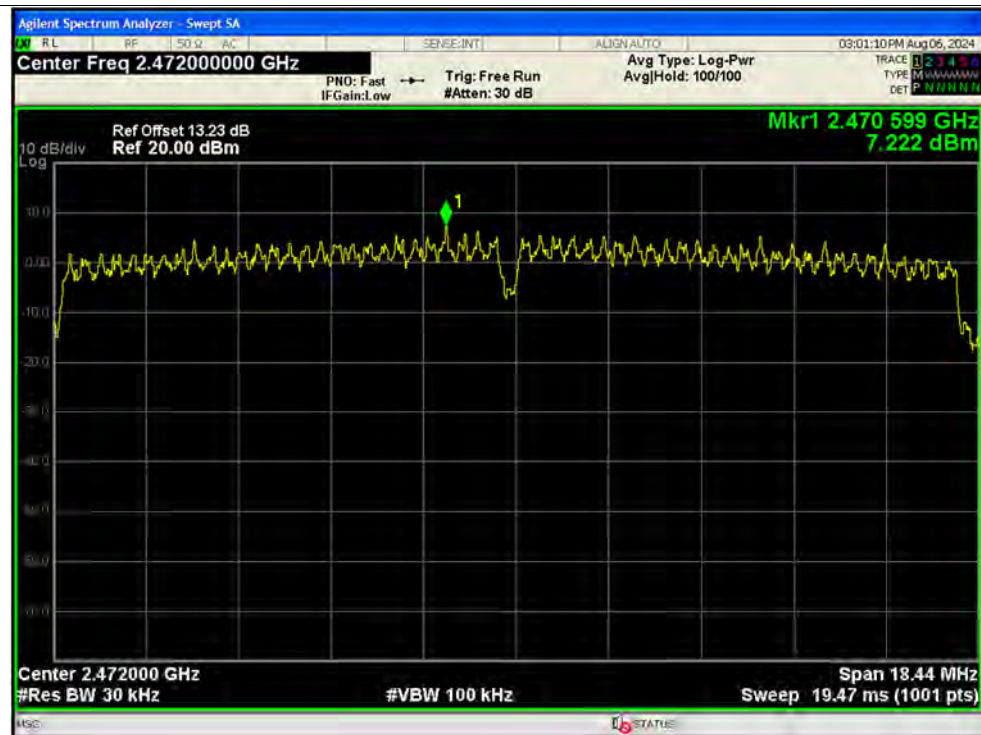
PSD NVNT n20 2412MHz Ant2 SISO



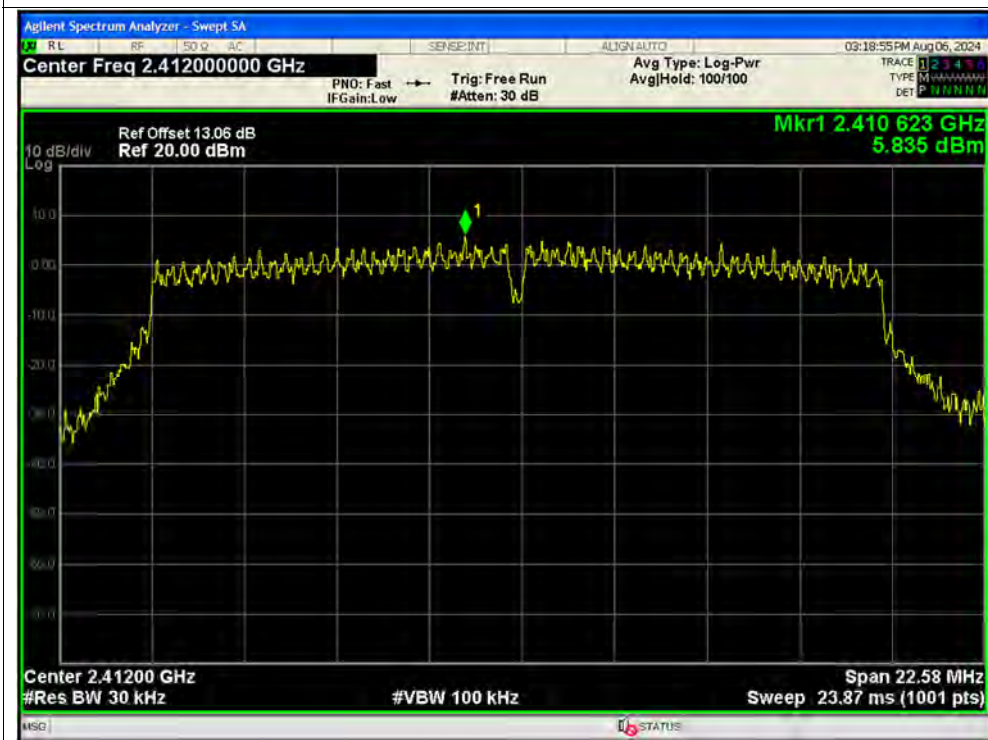
PSD NVNT n20 2442MHz Ant2 SISO



PSD NVNT n20 2472MHz Ant2 SISO



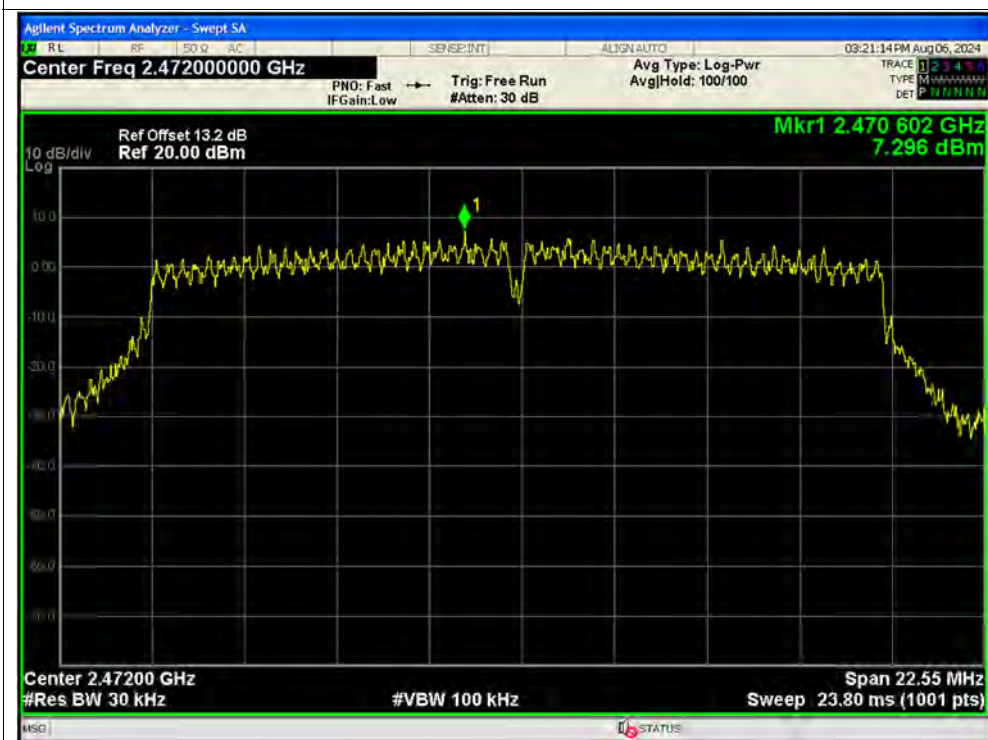
PSD NVNT n20 2412MHz Ant3 SISO



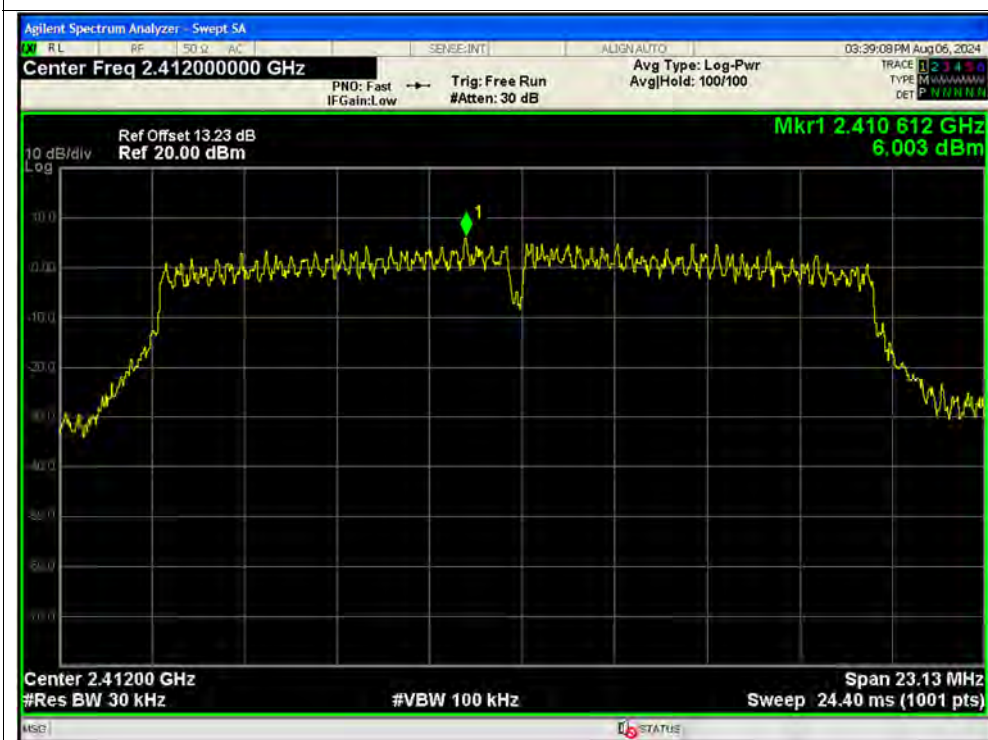
PSD NVNT n20 2442MHz Ant3 SISO



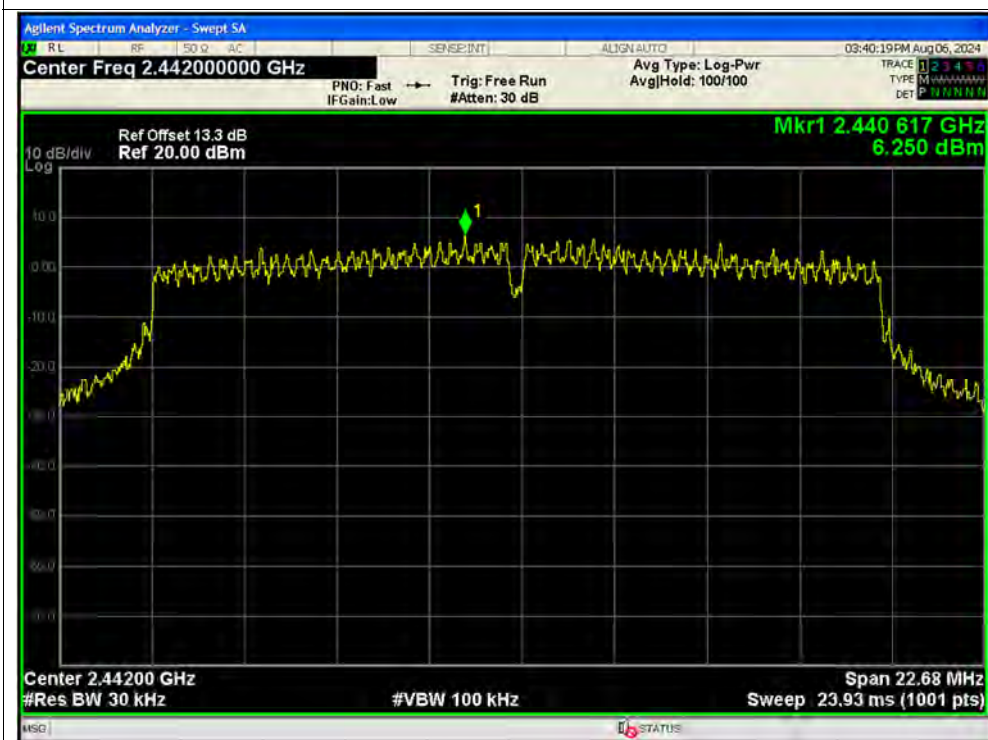
PSD NVNT n20 2472MHz Ant3 SISO



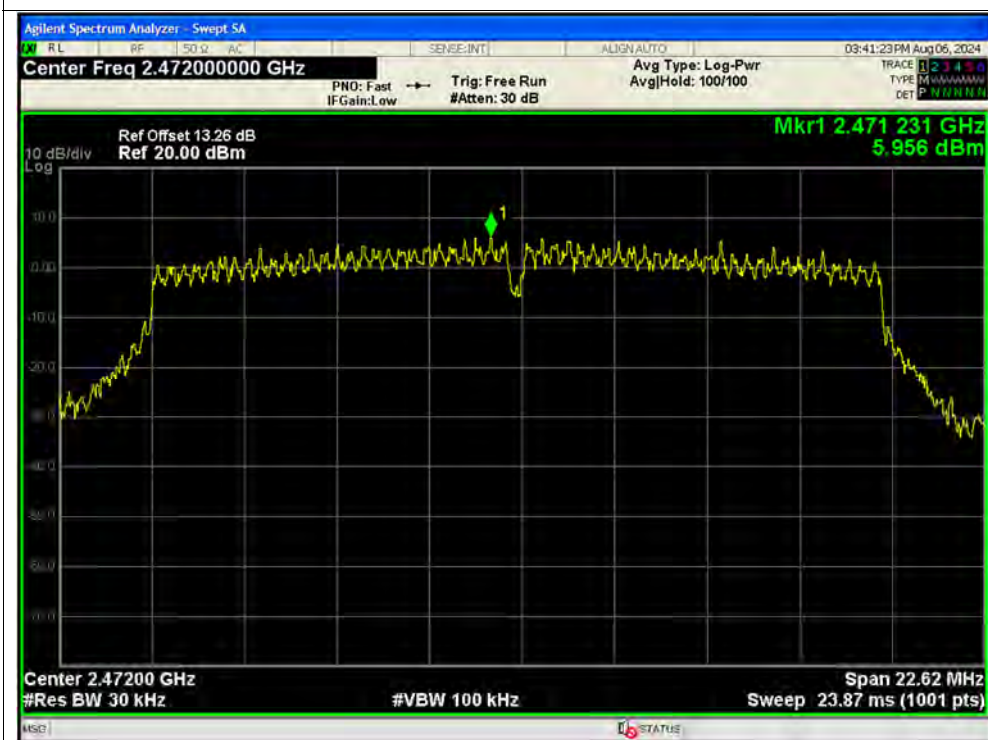
PSD NVNT n20 2412MHz Ant4 SISO



PSD NVNT n20 2442MHz Ant4 SISO



PSD NVNT n20 2472MHz Ant4 SISO





PSD NVNT n20 2412MHz Ant1 MIMO



PSD NVNT n20 2412MHz Ant2 MIMO

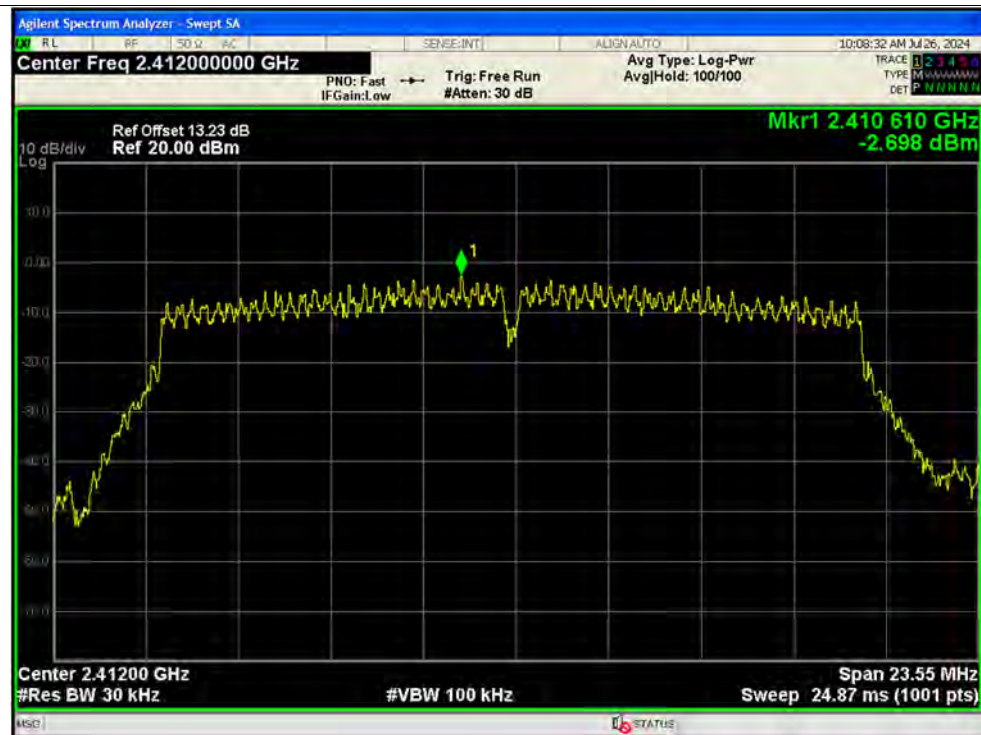




PSD NVNT n20 2412MHz Ant3 MIMO



PSD NVNT n20 2412MHz Ant4 MIMO





PSD NVNT n20 2442MHz Ant1 MIMO

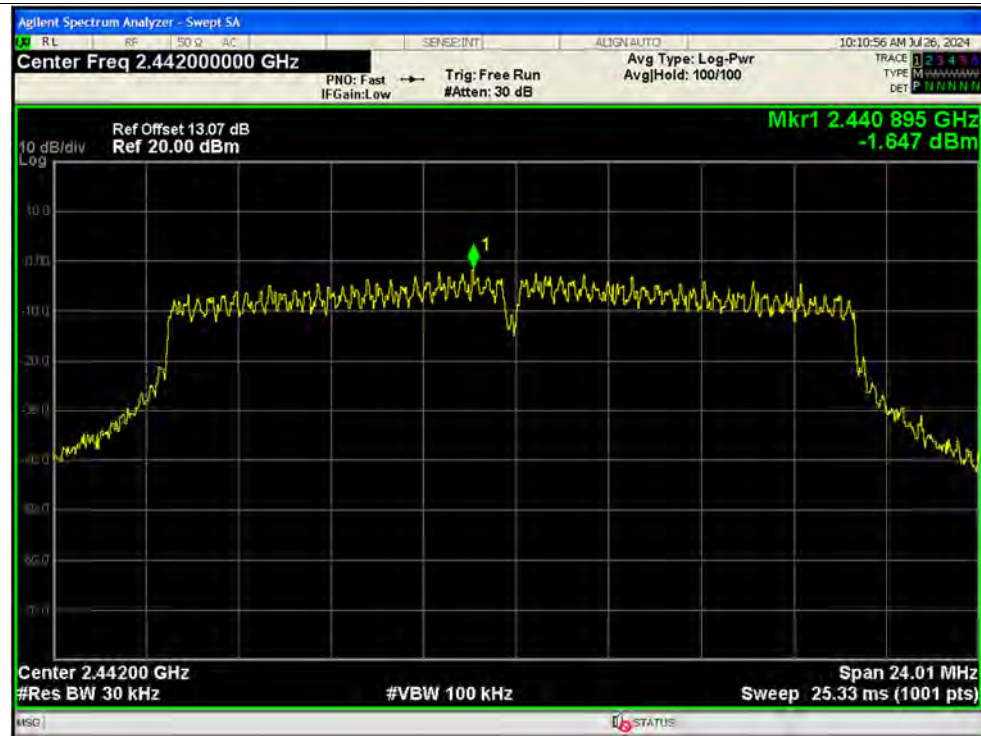


PSD NVNT n20 2442MHz Ant2 MIMO

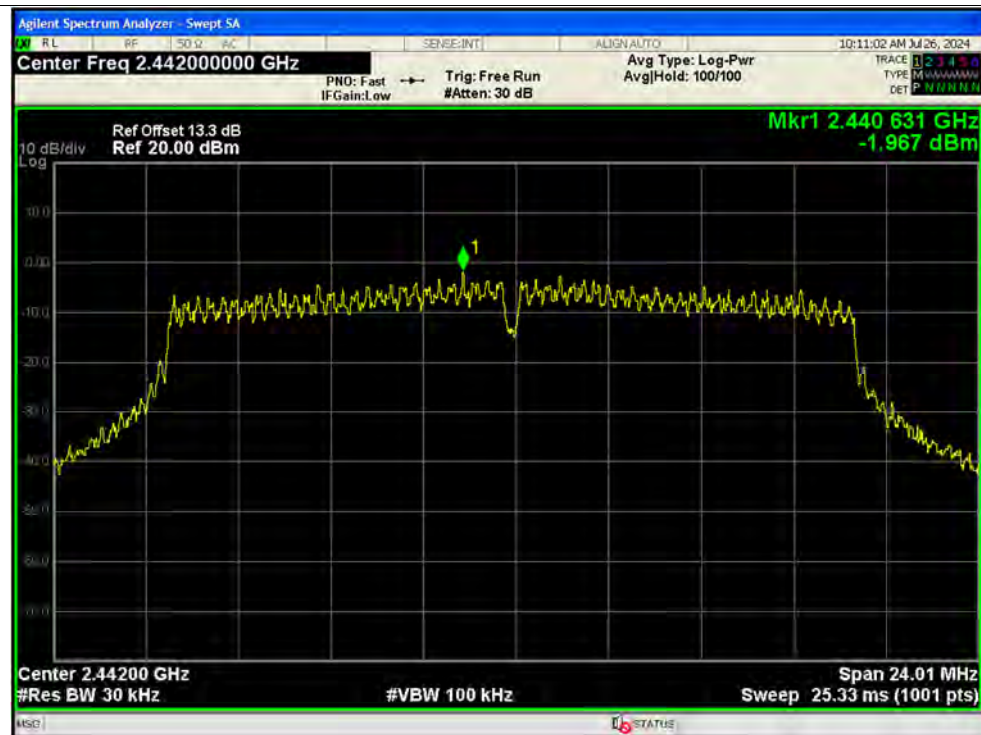




PSD NVNT n20 2442MHz Ant3 MIMO



PSD NVNT n20 2442MHz Ant4 MIMO





PSD NVNT n20 2472MHz Ant1 MIMO



PSD NVNT n20 2472MHz Ant2 MIMO





PSD NVNT n20 2472MHz Ant3 MIMO



PSD NVNT n20 2472MHz Ant4 MIMO





PSD NVNT n40 2422MHz Ant1 SISO



PSD NVNT n40 2442MHz Ant1 SISO





PSD NVNT n40 2462MHz Ant1 SISO



PSD NVNT n40 2422MHz Ant2 SISO





PSD NVNT n40 2442MHz Ant2 SISO



PSD NVNT n40 2462MHz Ant2 SISO



PSD NVNT n40 2422MHz Ant3 SISO



PSD NVNT n40 2442MHz Ant3 SISO



PSD NVNT n40 2462MHz Ant3 SISO



PSD NVNT n40 2422MHz Ant4 SISO



PSD NVNT n40 2442MHz Ant4 SISO



PSD NVNT n40 2462MHz Ant4 SISO





PSD NVNT n40 2422MHz Ant1 MIMO



PSD NVNT n40 2422MHz Ant2 MIMO



PSD NVNT n40 2422MHz Ant3 MIMO



PSD NVNT n40 2422MHz Ant4 MIMO



PSD NVNT n40 2442MHz Ant1 MIMO



PSD NVNT n40 2442MHz Ant2 MIMO



PSD NVNT n40 2442MHz Ant3 MIMO



PSD NVNT n40 2442MHz Ant4 MIMO



PSD NVNT n40 2462MHz Ant1 MIMO



PSD NVNT n40 2462MHz Ant2 MIMO



PSD NVNT n40 2462MHz Ant3 MIMO

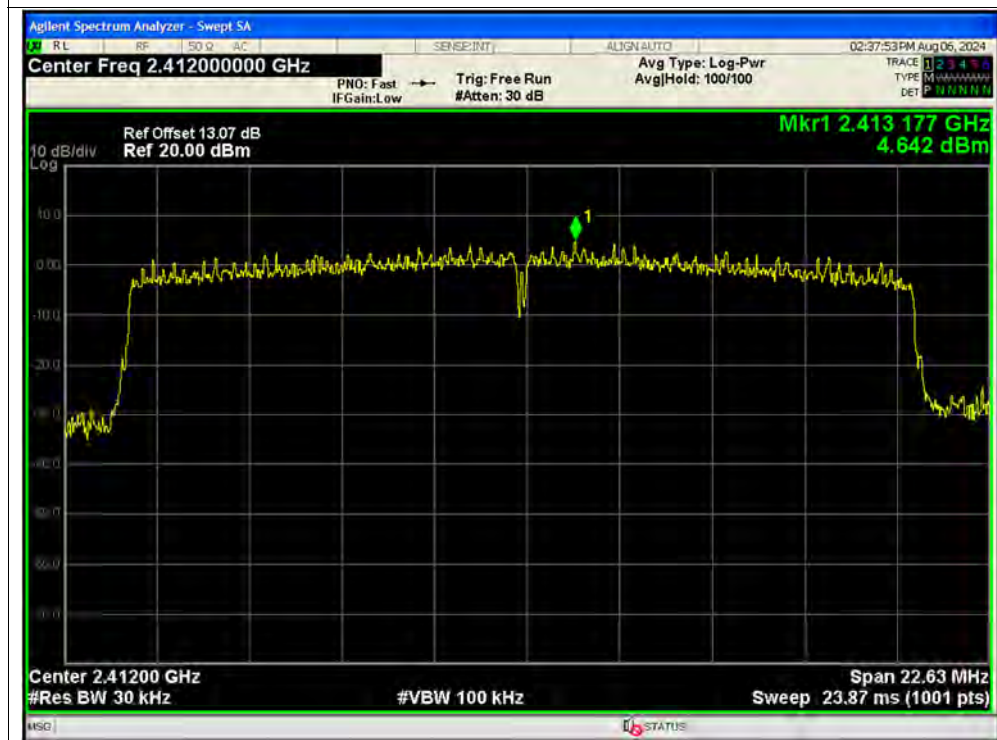


PSD NVNT n40 2462MHz Ant4 MIMO

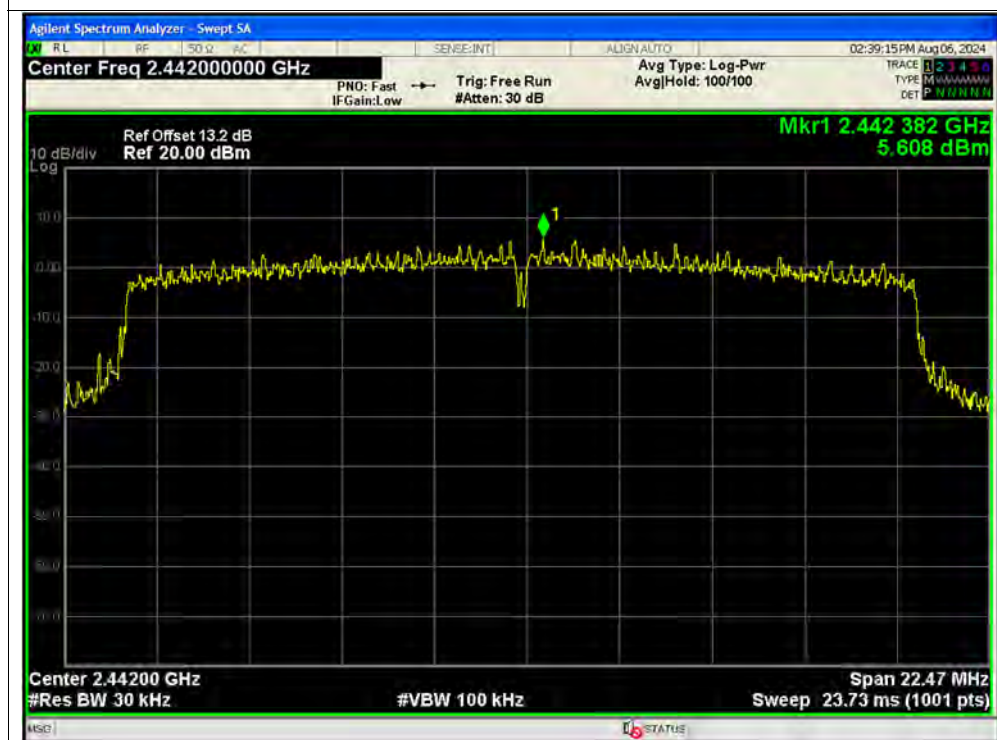




PSD NVNT ax20 2412MHz Ant1 SISO

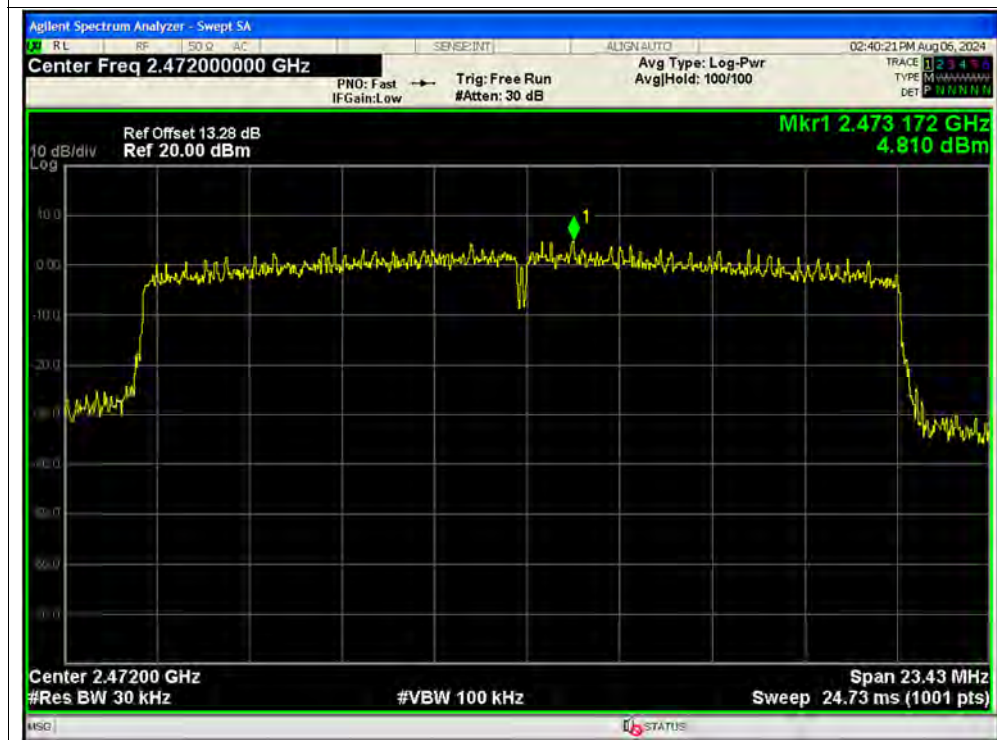


PSD NVNT ax20 2442MHz Ant1 SISO

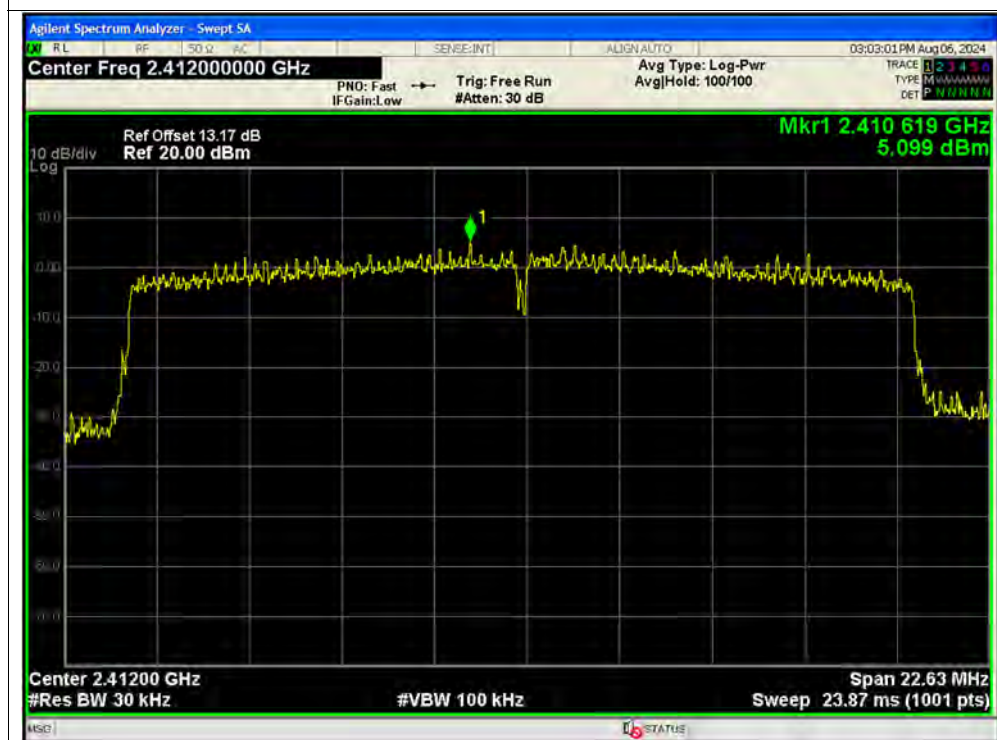




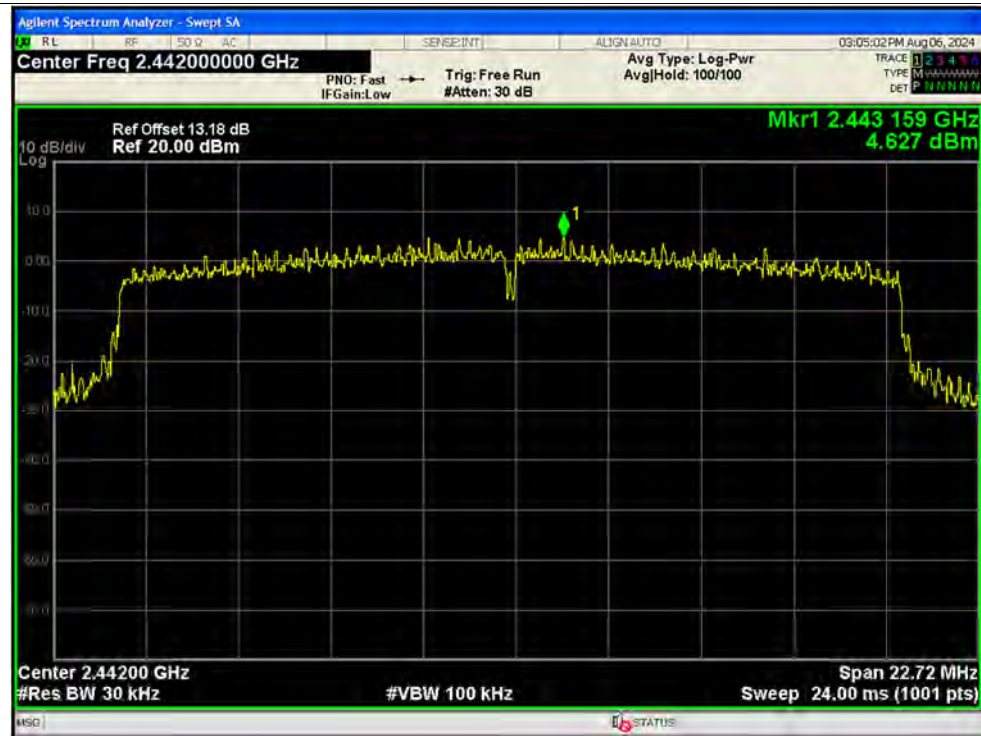
PSD NVNT ax20 2472MHz Ant1 SISO



PSD NVNT ax20 2412MHz Ant2 SISO



PSD NVNT ax20 2442MHz Ant2 SISO

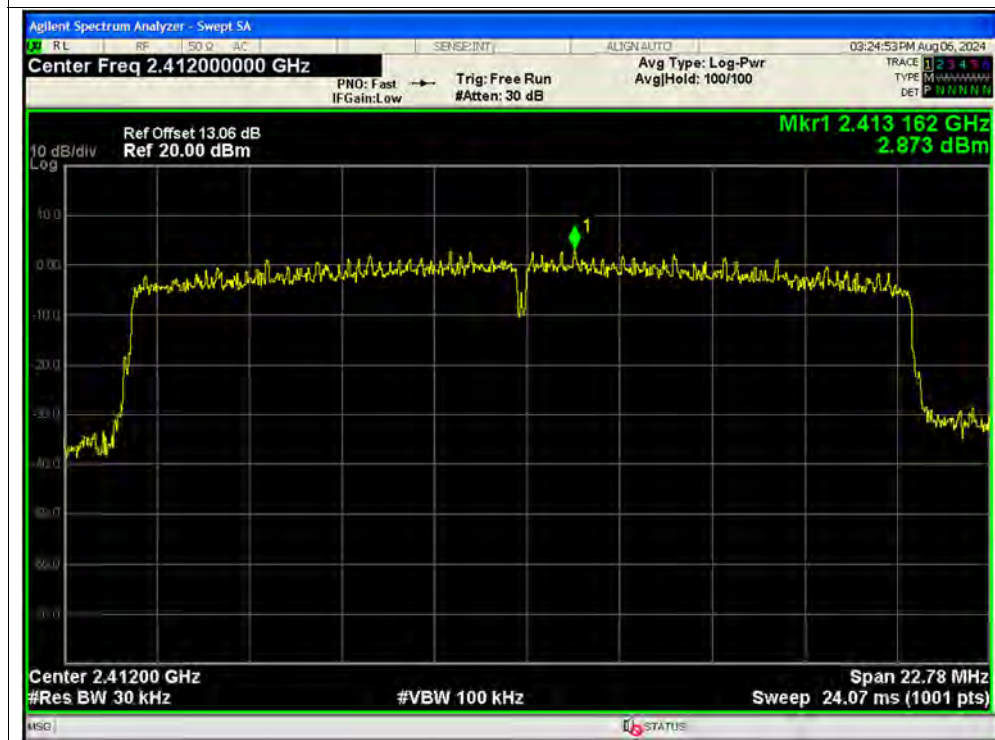


PSD NVNT ax20 2472MHz Ant2 SISO





PSD NVNT ax20 2412MHz Ant3 SISO



PSD NVNT ax20 2442MHz Ant3 SISO



PSD NVNT ax20 2472MHz Ant3 SISO

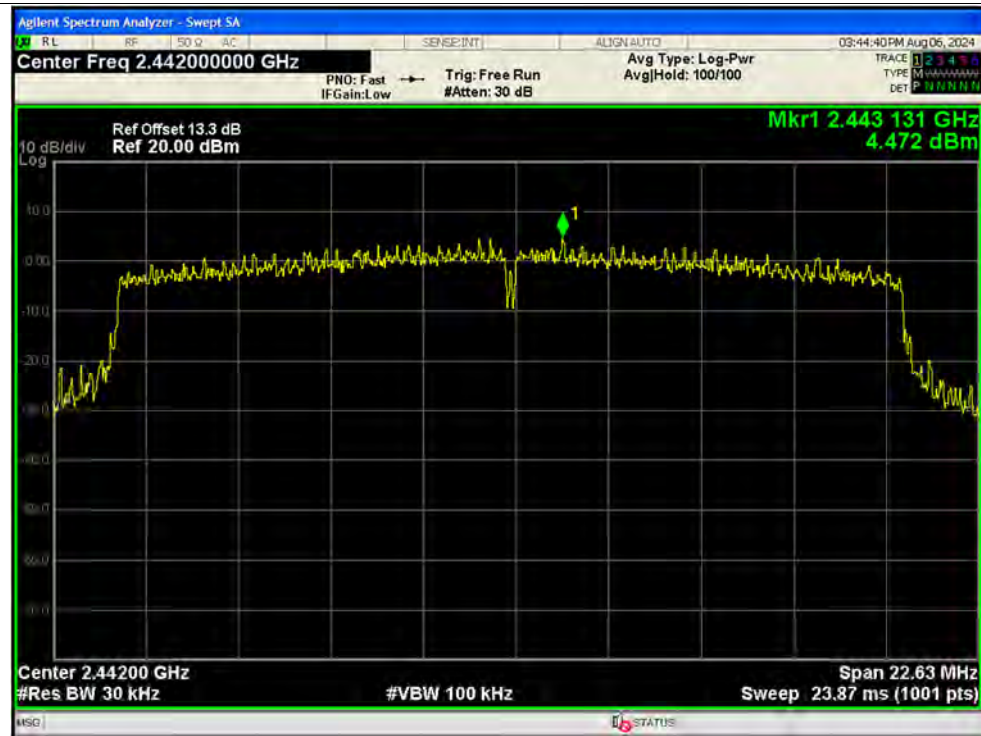


PSD NVNT ax20 2412MHz Ant4 SISO

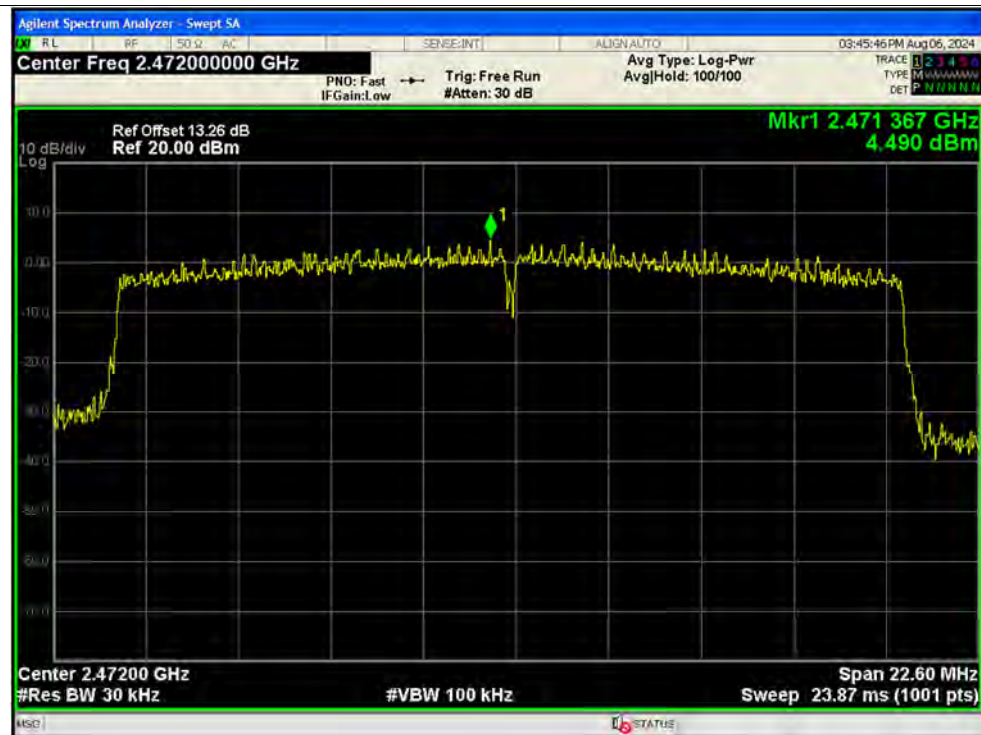




PSD NVNT ax20 2442MHz Ant4 SISO



PSD NVNT ax20 2472MHz Ant4 SISO





PSD NVNT ax20 2412MHz Ant1 MIMO



PSD NVNT ax20 2412MHz Ant2 MIMO





PSD NVNT ax20 2412MHz Ant3 MIMO

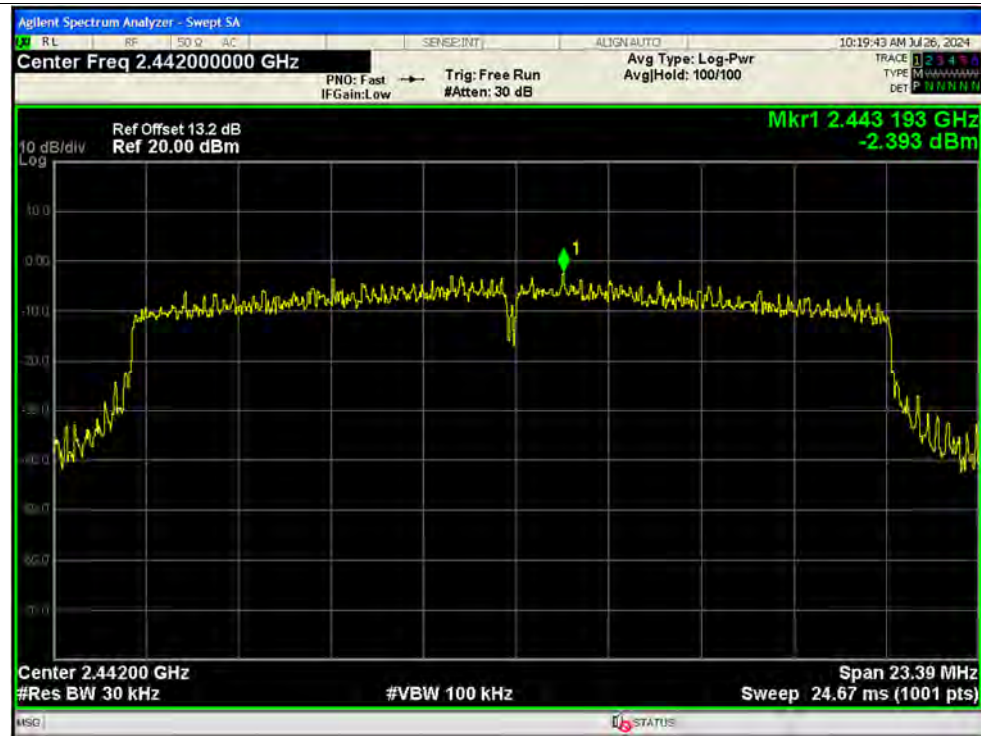


PSD NVNT ax20 2412MHz Ant4 MIMO





PSD NVNT ax20 2442MHz Ant1 MIMO



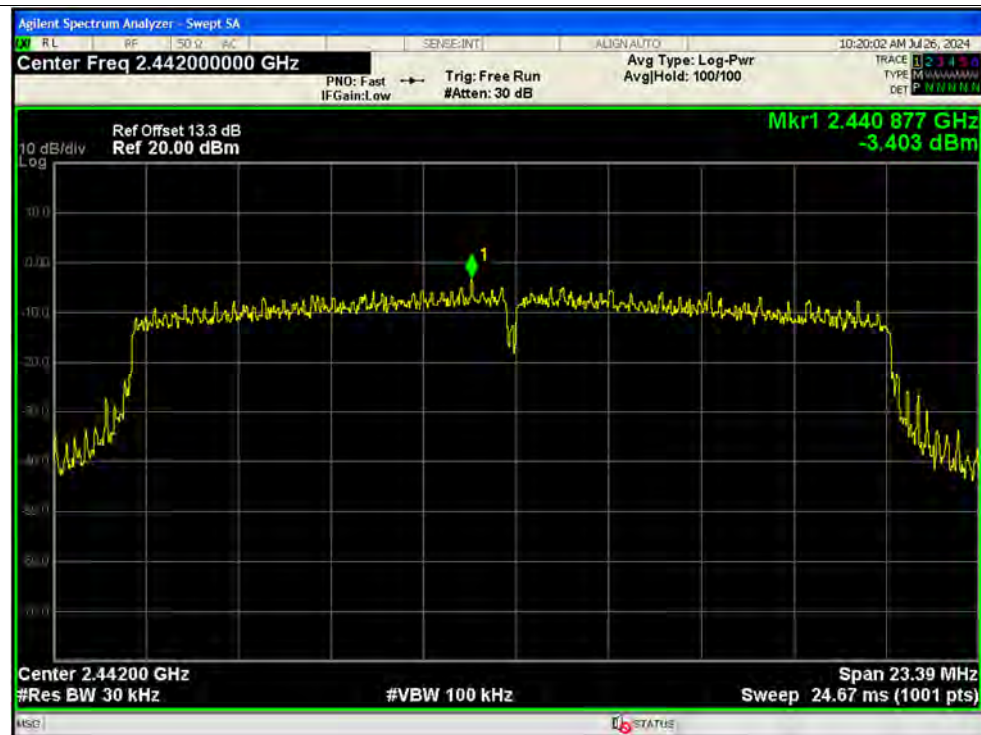
PSD NVNT ax20 2442MHz Ant2 MIMO



PSD NVNT ax20 2442MHz Ant3 MIMO



PSD NVNT ax20 2442MHz Ant4 MIMO



PSD NVNT ax20 2472MHz Ant1 MIMO



PSD NVNT ax20 2472MHz Ant2 MIMO



PSD NVNT ax20 2472MHz Ant3 MIMO



PSD NVNT ax20 2472MHz Ant4 MIMO



PSD NVNT ax40 2422MHz Ant1 SISO



PSD NVNT ax40 2442MHz Ant1 SISO





PSD NVNT ax40 2462MHz Ant1 SISO



PSD NVNT ax40 2422MHz Ant2 SISO





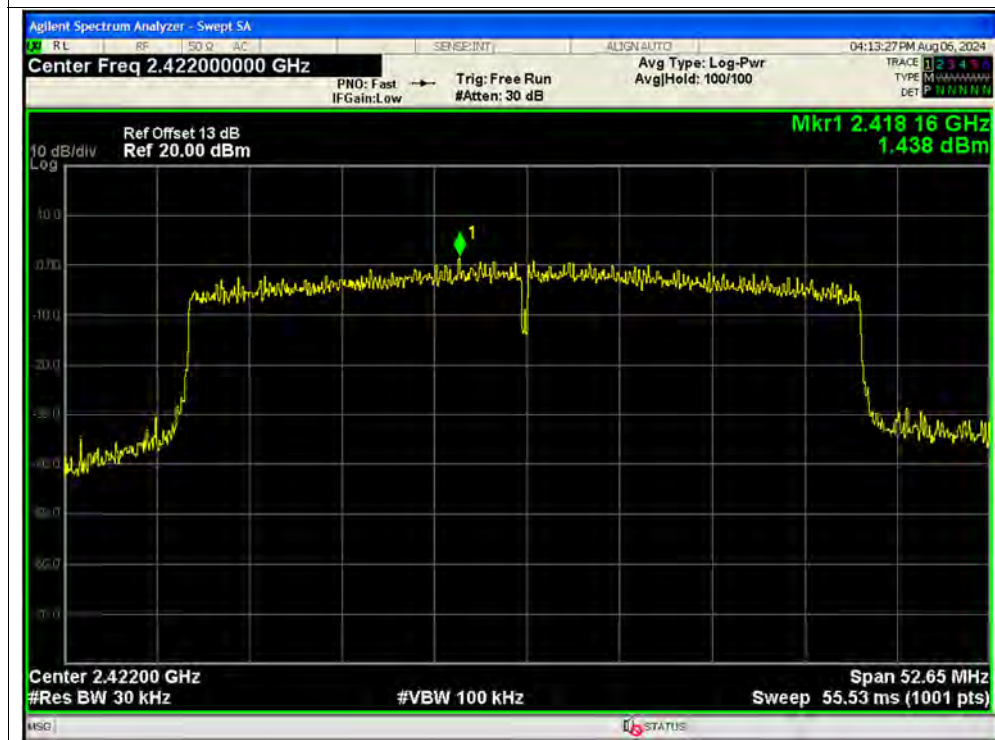
PSD NVNT ax40 2442MHz Ant2 SISO



PSD NVNT ax40 2462MHz Ant2 SISO



PSD NVNT ax40 2422MHz Ant3 SISO



PSD NVNT ax40 2442MHz Ant3 SISO





PSD NVNT ax40 2462MHz Ant3 SISO



PSD NVNT ax40 2422MHz Ant4 SISO





PSD NVNT ax40 2442MHz Ant4 SISO



PSD NVNT ax40 2462MHz Ant4 SISO



PSD NVNT ax40 2422MHz Ant1 MIMO



PSD NVNT ax40 2422MHz Ant2 MIMO



PSD NVNT ax40 2422MHz Ant3 MIMO



PSD NVNT ax40 2422MHz Ant4 MIMO



PSD NVNT ax40 2442MHz Ant1 MIMO



PSD NVNT ax40 2442MHz Ant2 MIMO



PSD NVNT ax40 2442MHz Ant3 MIMO



PSD NVNT ax40 2442MHz Ant4 MIMO



PSD NVNT ax40 2462MHz Ant1 MIMO



PSD NVNT ax40 2462MHz Ant2 MIMO



PSD NVNT ax40 2462MHz Ant3 MIMO



PSD NVNT ax40 2462MHz Ant4 MIMO





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 + RJ454 + PC + WIFI TX

Test voltage: AC 120V/60Hz

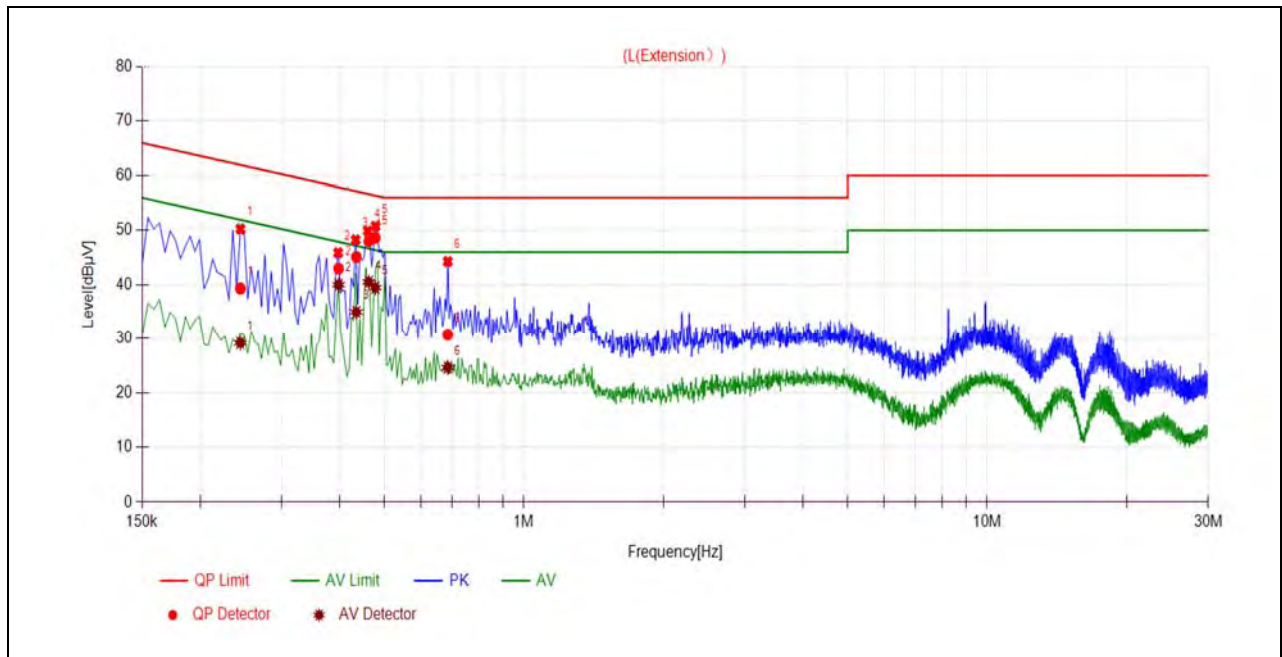
The measurement results are obtained as below:

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

U_R : Receiver Reading

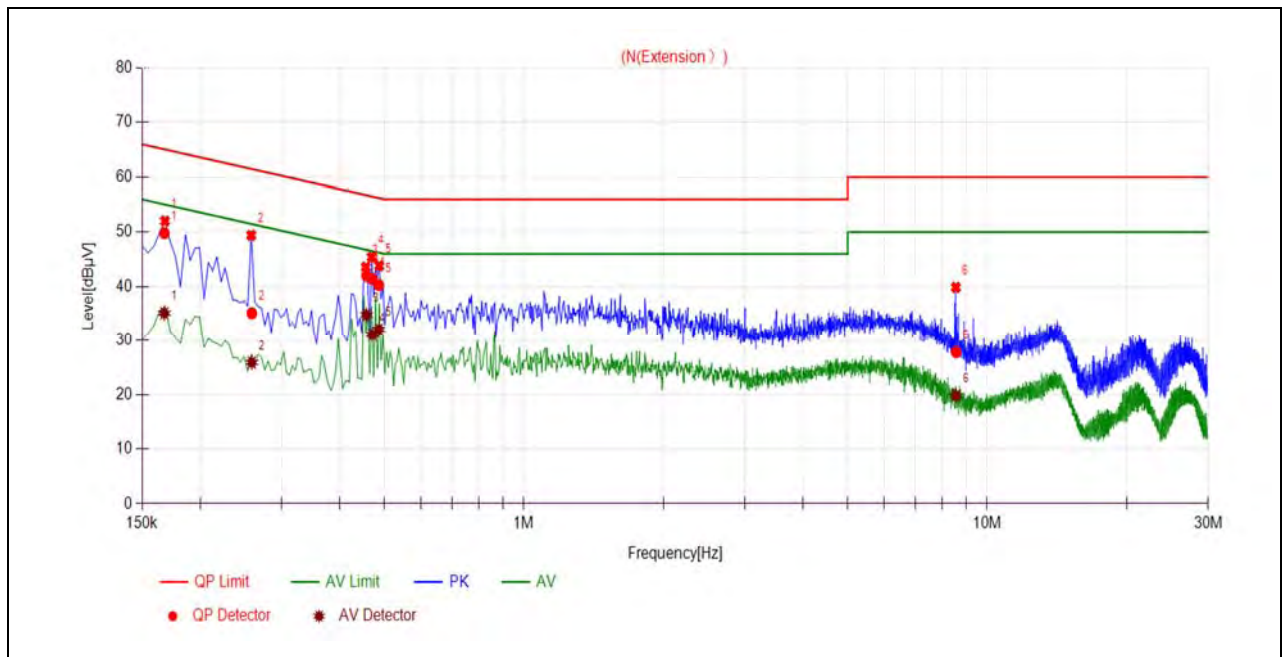
A_{Factor} : Voltage division factor of LISN

B. Test Plot:



(L Phase)

No.	Fre. (MHz)	Emission Level (dBμV)		Limit (dBμV)		Power-line	Verdict
		Quai-peak	Average	Quai-peak	Average		
1	0.2444	39.30	29.15	61.94	51.94	Line	PASS
2	0.3982	42.95	40.01	57.89	47.89		PASS
3	0.4350	45.09	34.97	57.16	47.16		PASS
4	0.4626	48.03	40.50	56.65	46.65		PASS
5	0.4780	48.67	39.45	56.37	46.37		PASS
6	0.6851	30.72	24.60	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	0.1675	49.81	35.11	65.08	55.08	Neutral	PASS
2	0.2587	35.10	25.89	61.47	51.47		PASS
3	0.4575	41.99	34.82	56.74	46.74		PASS
4	0.4714	41.37	31.10	56.49	46.49		PASS
5	0.4864	40.29	32.09	56.23	46.23		PASS
6	8.5689	27.80	19.80	60.00	50.00		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

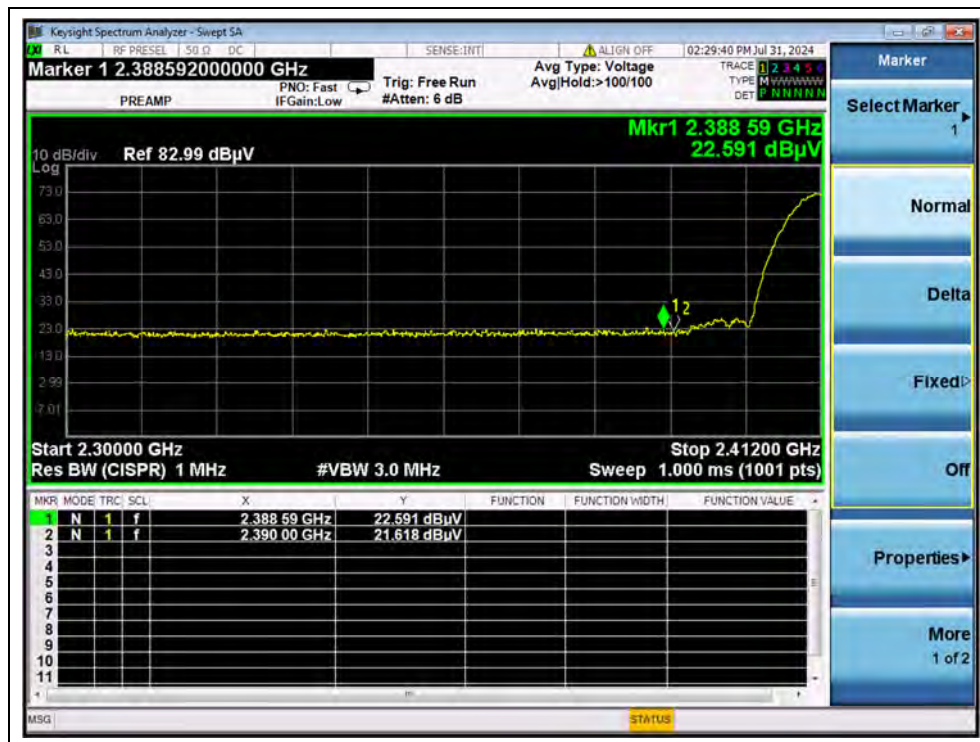
Note 1: Restricted Frequency Bands were performed when antenna was at vertical and horizontal polarity, and only the worse test condition (horizontal) was recorded in this test report.

Note 2: Restricted Frequency Bands were performed in X, Y, Z axis direction, and only the worst axis (X axis) test condition was recorded in this test report.

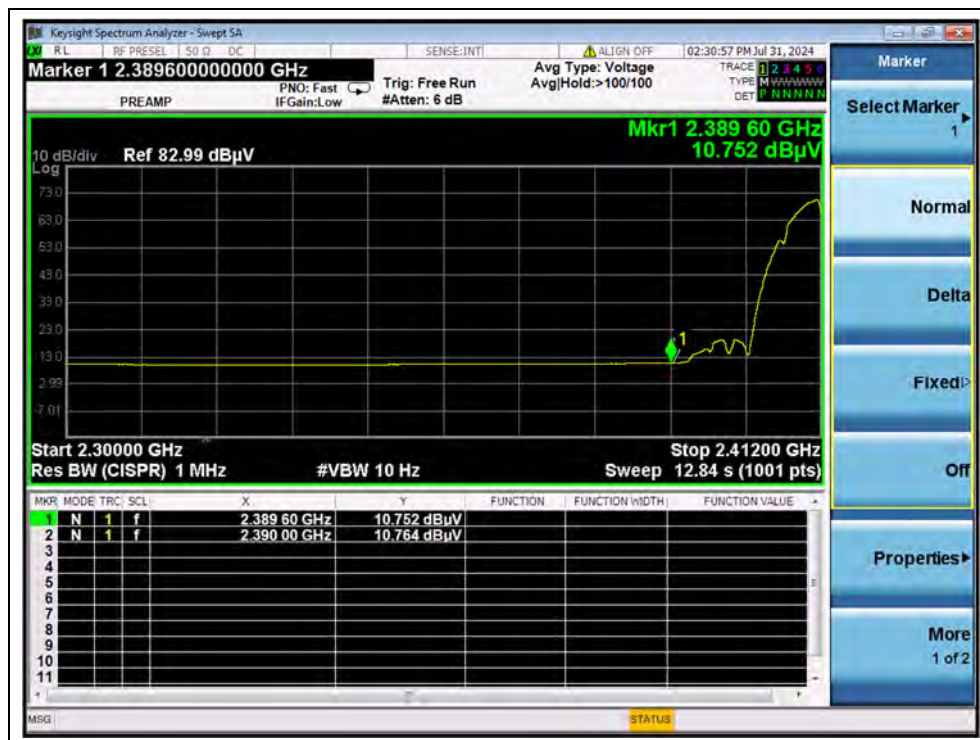
Note 3: All test modes and bandwidth were considered and evaluated respectively by performing full test, only the worst data were recorded for each bandwidth.

802.11b Mode

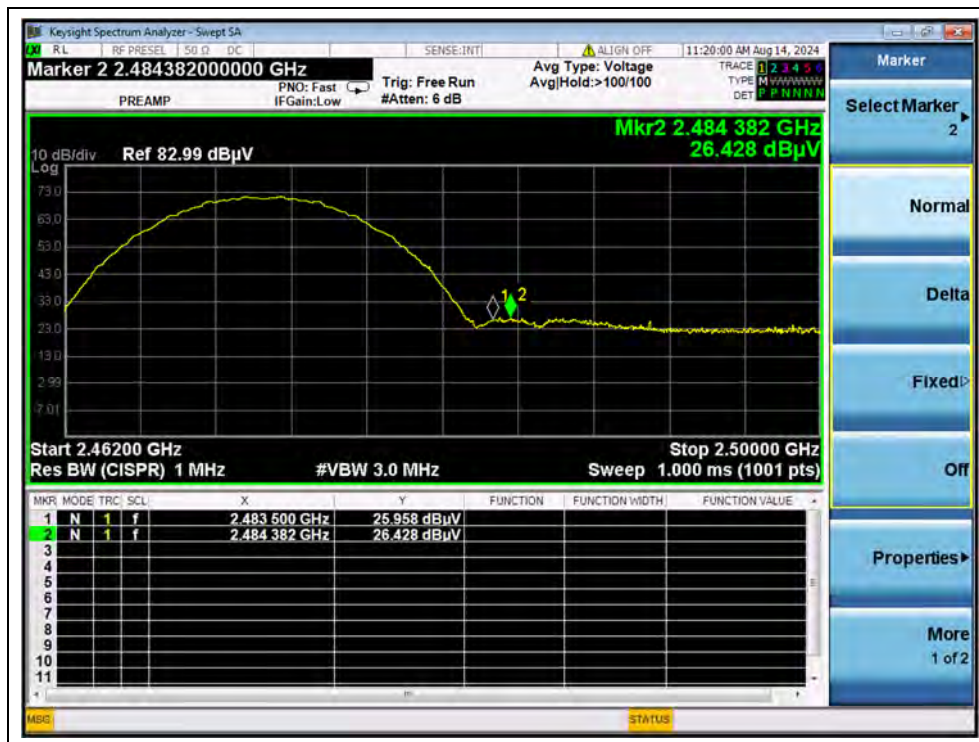
Channel	Frequency (MHz)	Detector	Receiver Reading U_R (dB μ V)	A_T (dB)	A_{Factor} (dB@3m)	Max. Emission E (dB μ V/m)	Limit (dB μ V/m)	Verdict
		PK/ AV						
1	2388.59	PK	22.59	6.74	27.20	56.53	74	PASS
1	2390.00	AV	10.76	6.74	27.20	44.70	54	PASS
13	2484.38	PK	26.43	6.74	27.20	60.37	74	PASS
13	2484.65	AV	18.48	6.74	27.20	52.42	54	PASS



(PEAK, Channel 1, 802.11b)



(AVERAGE, Channel 1, 802.11b)



(PEAK, Channel 13, 802.11b)



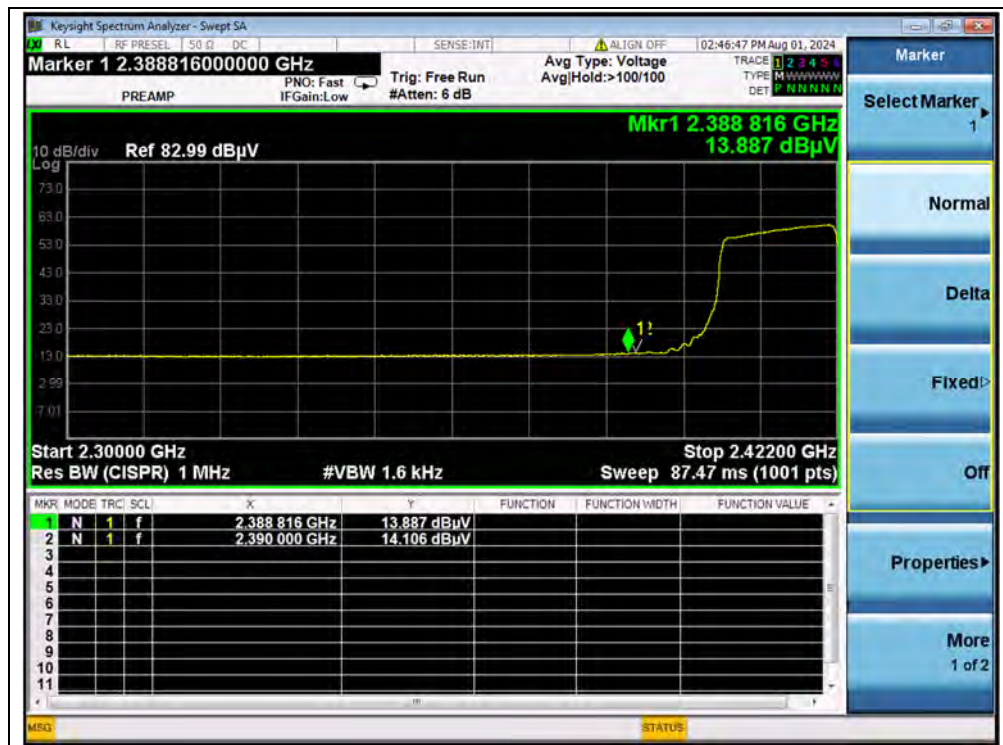
(AVERAGE, Channel 13, 802.11b)

**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	2384.91	PK	24.61	6.74	27.20	58.55	74	PASS
3	2390.00	AV	14.11	6.74	27.20	48.05	54	PASS
11	2483.40	PK	32.70	6.74	27.20	66.64	74	PASS
11	2483.40	AV	17.36	6.74	27.20	51.30	54	PASS



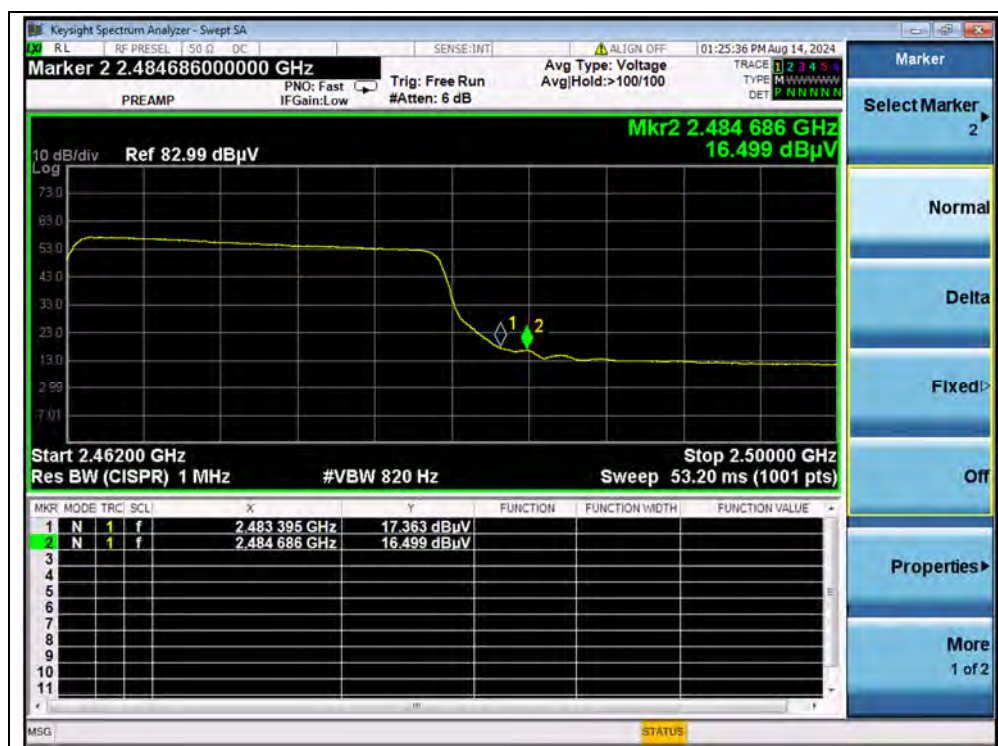
(PEAK, Channel 3, 802.11n (HT40))



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



(PEAK, Channel 11, 802.11n (HT40))

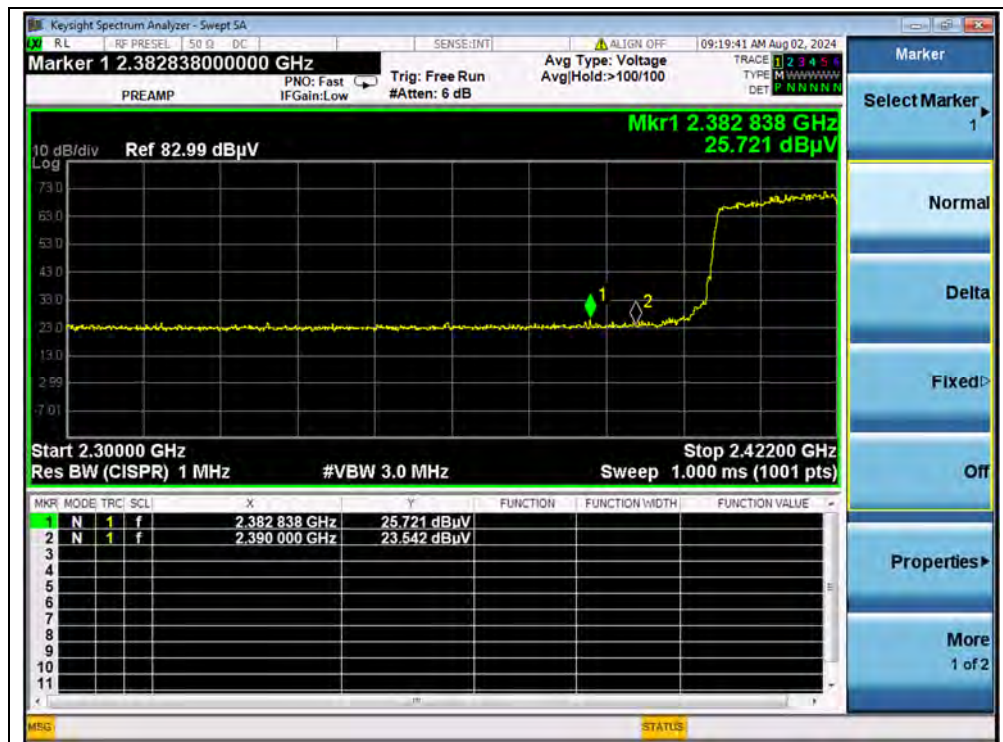


(AVERAGE, Channel 11, 802.11n (HT40))

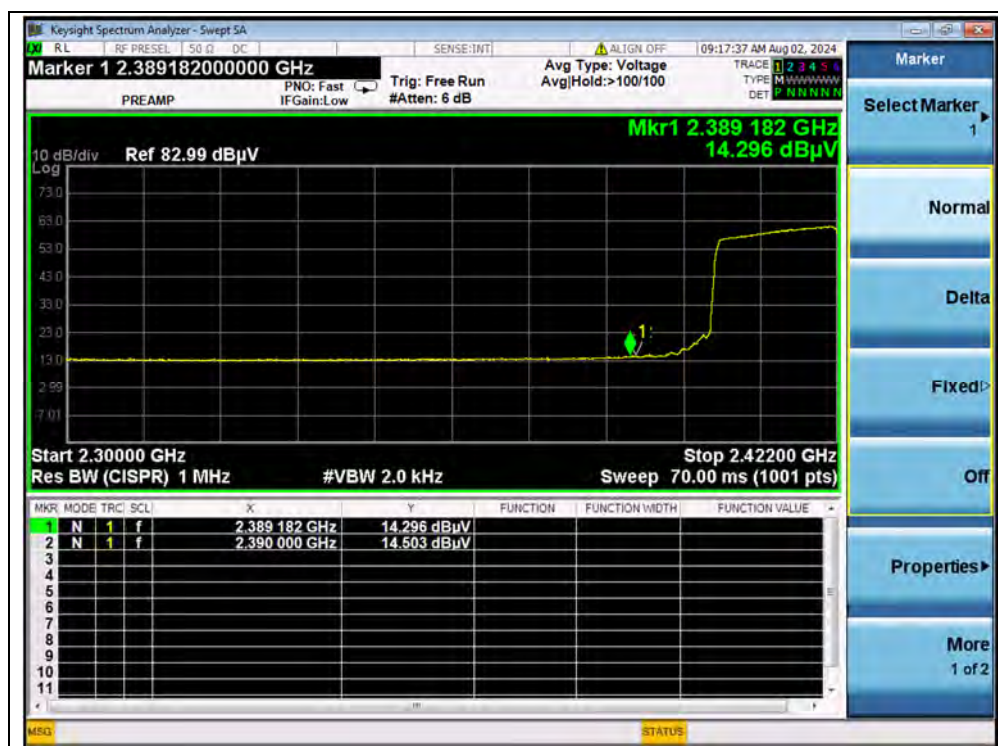


802.11ax (HEW40) Mode

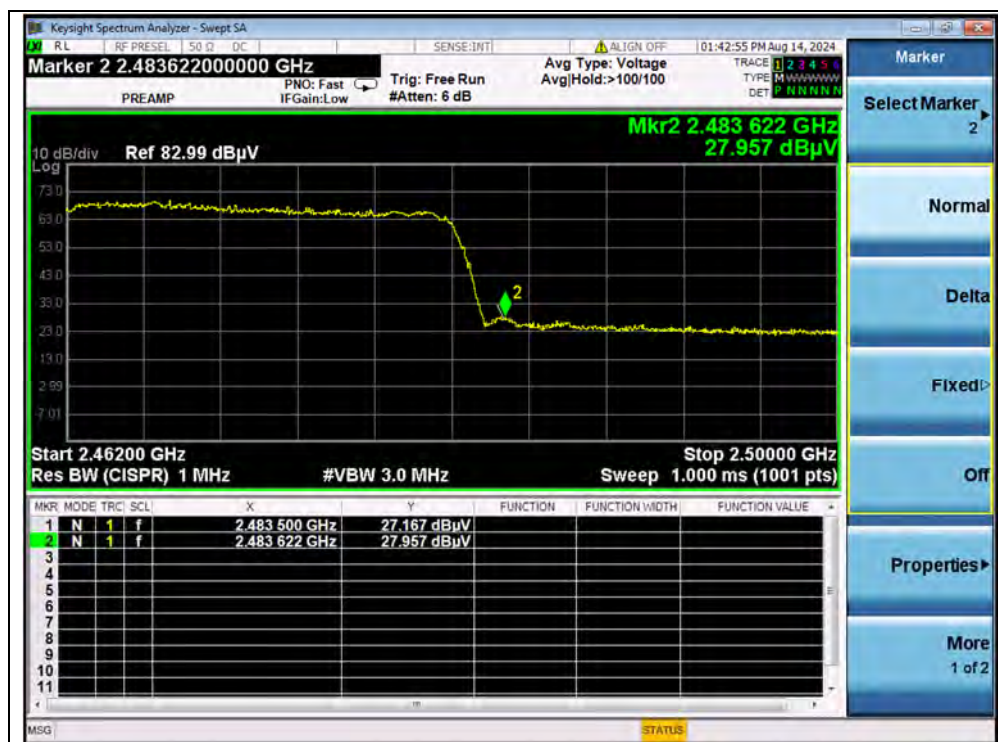
Channel	Frequency (MHz)	Detector	Receiver Reading U_R (dBμV)	A_T (dB)	A_{Factor} (dB@3m)	Max. Emission E (dBμV/m)	Limit (dBμV/m)	Verdict
		PK/ AV						
3	2382.84	PK	25.72	6.74	27.20	59.66	74	PASS
3	2390.00	AV	14.50	6.74	27.20	48.44	54	PASS
11	2483.62	PK	27.96	6.74	27.20	61.90	74	PASS
11	2483.50	AV	18.09	6.74	27.20	52.03	54	PASS



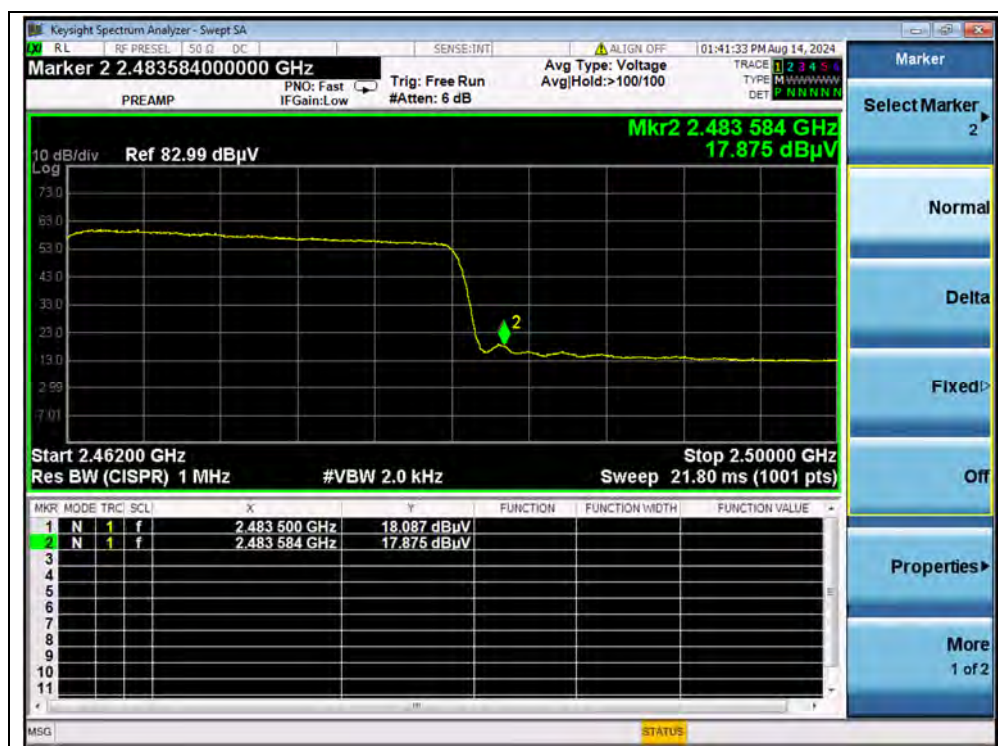
(PEAK, Channel 3, 802.11ax (HEW40))



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



(PEAK, Channel 11, 802.11ax (HEW40))



(AVERAGE, Channel 11, 802.11ax (HEW40))



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:

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

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 (X 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.

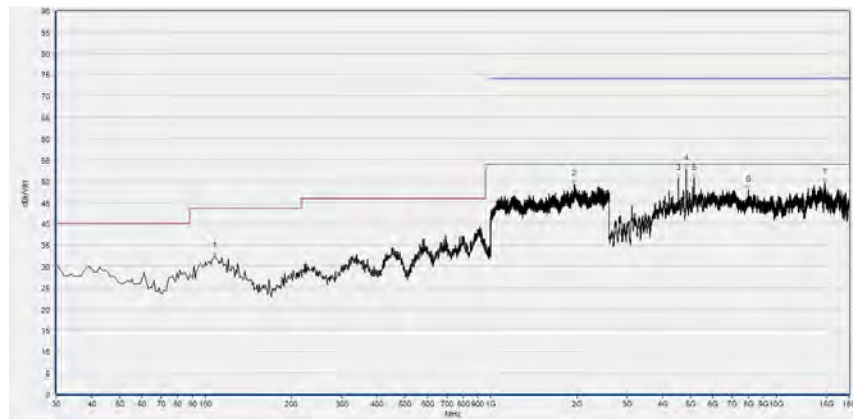
Field strength of fundamental:

Frequency (MHz)	Reading_Peak (dB μ V/m)	Antenna Factor (dB)	Path Loss (dB)	Final_Peak (dB μ V/m)	Antenna Polarity
2412.65	74.86	27.20	6.74	108.80	Horizontal

The field strength (the lowest) of fundamenta is more than 20dB higher than the unwanted emissions, in accordance with FCC part 15.215(b).

**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
107.600	32.28	N/A	N/A	N/A	43.50	N/A	Horizontal	PASS
1962.667	49.20	N/A	N/A	74.00	N/A	54.00	Horizontal	PASS
4531.160	50.53	N/A	38.45	74.00	N/A	54.00	Horizontal	PASS
4842.240	52.85	N/A	N/A	74.00	N/A	54.00	Horizontal	PASS
5156.400	50.65	N/A	N/A	74.00	N/A	54.00	Horizontal	PASS
7968.440	47.96	N/A	N/A	74.00	N/A	54.00	Horizontal	PASS

(Antenna Horizontal, 30MHz to 18GHz)

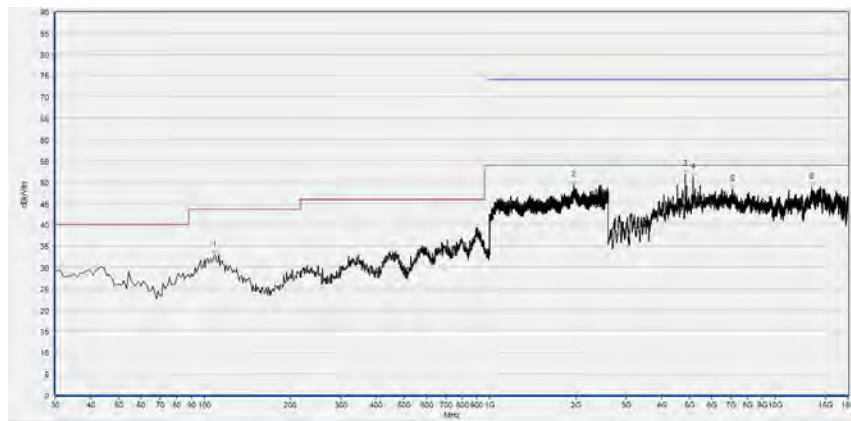


Fre. (MHz)	PK (dBμV/m)	QP (dBμV/m)	AV (dBμV/m)	Limit-PK (dBμV/m)	Limit-QP (dBμV/m)	Limit-AV (dBμV/m)	Antenna	Verdict
114.390	33.25	N/A	N/A	N/A	43.50	N/A	Vertical	PASS
2408.000	49.34	N/A	N/A	74.00	N/A	54.00	Vertical	PASS
4823.760	48.93	N/A	N/A	74.00	N/A	54.00	Vertical	PASS
4990.080	50.34	N/A	N/A	74.00	N/A	54.00	Vertical	PASS
8011.560	48.33	N/A	N/A	74.00	N/A	54.00	Vertical	PASS
14781.400	48.92	N/A	N/A	74.00	N/A	54.00	Vertical	PASS

(Antenna Vertical, 30MHz to 18GHz)

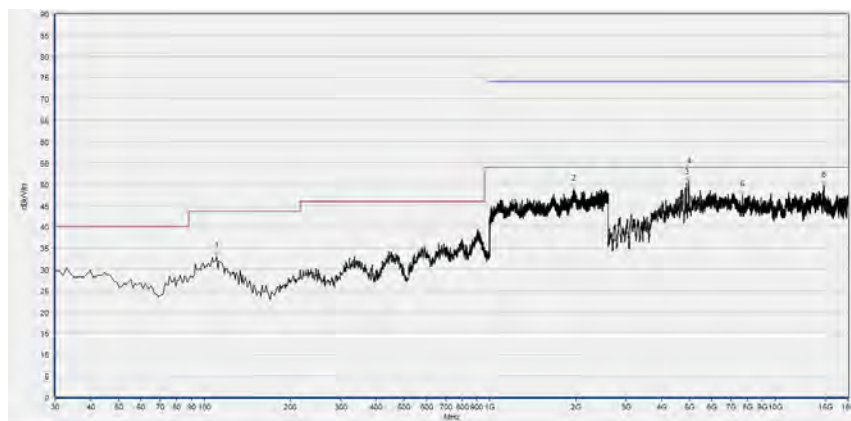


Plot for Channel 7



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	32.84	N/A	N/A	N/A	43.50	N/A	Horizontal	PASS
1972.800	49.30	N/A	N/A	74.00	N/A	54.00	Horizontal	PASS
4842.240	51.74	N/A	49.61	74.00	N/A	54.00	Horizontal	PASS
5156.400	51.14	N/A	50.92	74.00	N/A	54.00	Horizontal	PASS
7059.840	48.20	N/A	N/A	74.00	N/A	54.00	Horizontal	PASS
13444.680	48.70	N/A	N/A	74.00	N/A	54.00	Horizontal	PASS

(Antenna Horizontal, 30MHz to 18GHz)

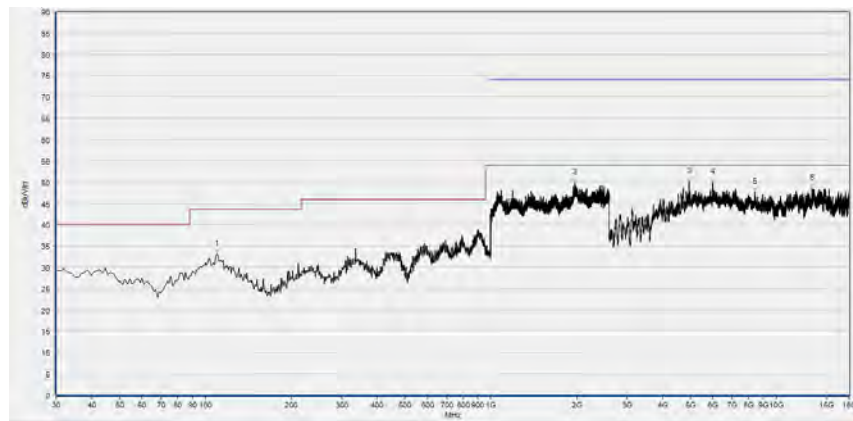


Fre. (MHz)	PK (dBμV/m)	QP (dBμV/m)	AV (dBμV/m)	Limit-PK (dBμV/m)	Limit-QP (dBμV/m)	Limit-AV (dBμV/m)	Antenna	Verdict
110.510	32.98	N/A	N/A	N/A	43.50	N/A	Vertical	PASS
1963.200	48.82	N/A	N/A	74.00	N/A	54.00	Vertical	PASS
4885.360	50.21	N/A	N/A	74.00	N/A	54.00	Vertical	PASS
4977.760	50.66	N/A	N/A	74.00	N/A	54.00	Vertical	PASS
7654.280	47.49	N/A	N/A	74.00	N/A	54.00	Vertical	PASS
14784.480	49.67	N/A	N/A	74.00	N/A	54.00	Vertical	PASS

(Antenna Vertical, 30MHz to 18GHz)

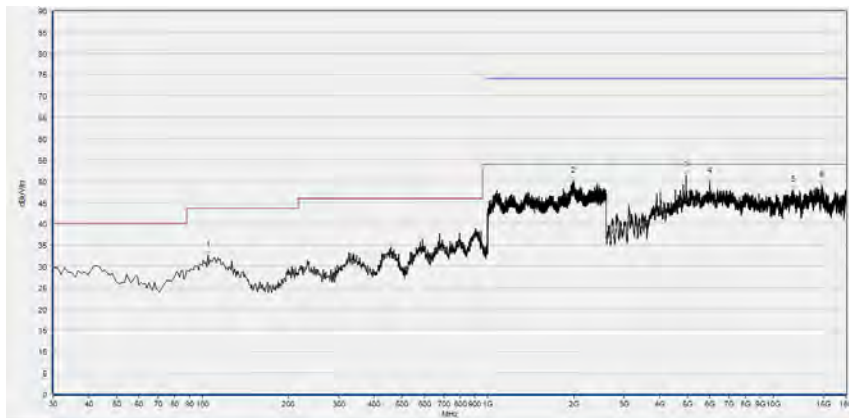


Plot for Channel 13



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	33.02	N/A	N/A	N/A	43.50	N/A	Horizontal	PASS
1965.333	49.79	N/A	N/A	74.00	N/A	54.00	Horizontal	PASS
4943.880	50.12	N/A	N/A	74.00	N/A	54.00	Horizontal	PASS
6000.320	49.95	N/A	N/A	74.00	N/A	54.00	Horizontal	PASS
8402.720	47.58	N/A	N/A	74.00	N/A	54.00	Horizontal	PASS
13367.680	48.46	N/A	N/A	74.00	N/A	54.00	Horizontal	PASS

(Antenna Horizontal, 30MHz to 18GHz)

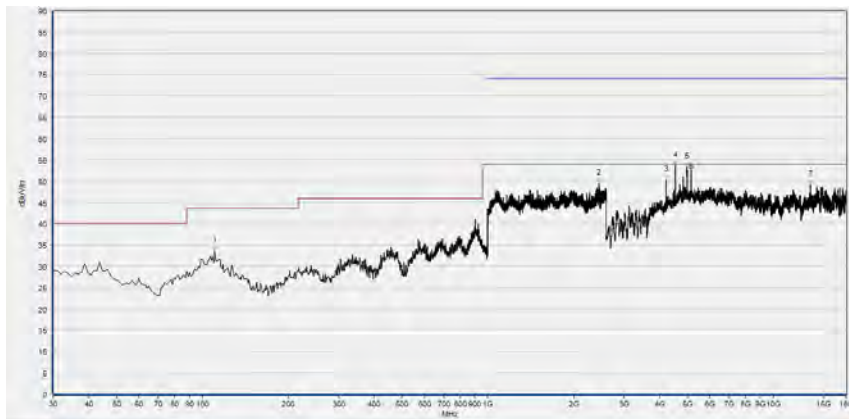


Fre. (MHz)	PK (dBμV/m)	QP (dBμV/m)	AV (dBμV/m)	Limit-PK (dBμV/m)	Limit-QP (dBμV/m)	Limit-AV (dBμV/m)	Antenna	Verdict
104.690	32.51	N/A	N/A	N/A	43.50	N/A	Vertical	PASS
1988.800	50.01	N/A	N/A	74.00	N/A	54.00	Vertical	PASS
4943.880	51.26	N/A	42.30	74.00	N/A	54.00	Vertical	PASS
5997.240	50.01	N/A	N/A	74.00	N/A	54.00	Vertical	PASS
11772.240	47.94	N/A	N/A	74.00	N/A	54.00	Vertical	PASS
14769.080	49.00	N/A	N/A	74.00	N/A	54.00	Vertical	PASS

(Antenna Vertical, 30MHz to 18GHz)

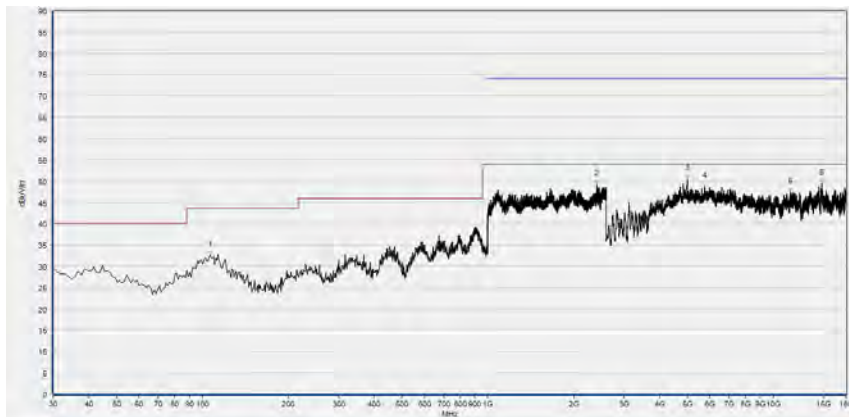
**802.11n (HT40) Mode**

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
110.510	33.45	N/A	N/A	N/A	43.50	N/A	Horizontal	PASS
2453.333	49.46	N/A	N/A	74.00	N/A	54.00	Horizontal	PASS
4217.000	50.30	N/A	N/A	74.00	N/A	54.00	Horizontal	PASS
4531.160	53.68	N/A	46.42	74.00	N/A	54.00	Horizontal	PASS
4977.760	53.33	N/A	45.29	74.00	N/A	54.00	Horizontal	PASS
5156.400	52.40	N/A	45.33	74.00	N/A	54.00	Horizontal	PASS

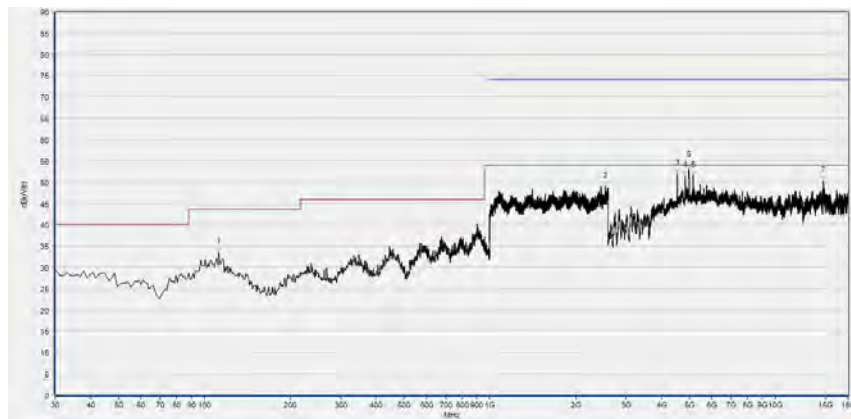
(Antenna Horizontal, 30MHz to 18GHz)



Fre. (MHz)	PK (dBμV/m)	QP (dBμV/m)	AV (dBμV/m)	Limit-PK (dBμV/m)	Limit-QP (dBμV/m)	Limit-AV (dBμV/m)	Antenna	Verdict
106.630	32.48	N/A	N/A	N/A	43.50	N/A	Vertical	PASS
2415.467	49.33	N/A	N/A	74.00	N/A	54.00	Vertical	PASS
4999.320	50.37	N/A	N/A	74.00	N/A	54.00	Vertical	PASS
5738.520	48.79	N/A	N/A	74.00	N/A	54.00	Vertical	PASS
11476.560	47.35	N/A	N/A	74.00	N/A	54.00	Vertical	PASS
14796.800	49.42	N/A	N/A	74.00	N/A	54.00	Vertical	PASS

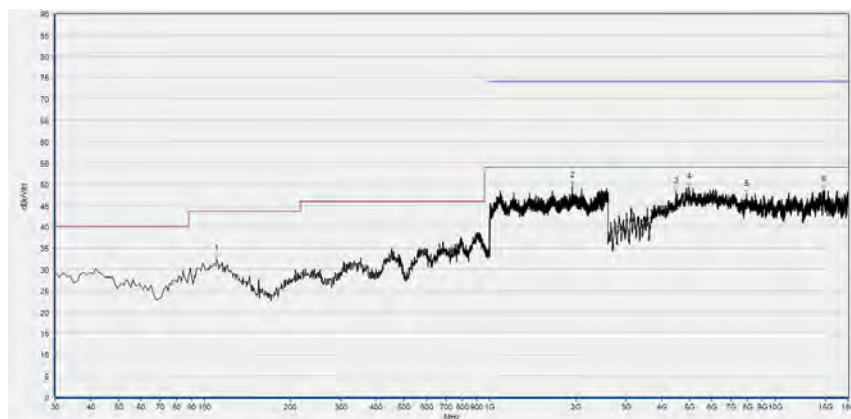
(Antenna Vertical, 30MHz to 18GHz)

Plot for Channel 7



Fre. (MHz)	PK (dBμV/m)	QP (dBμV/m)	AV (dBμV/m)	Limit-PK (dBμV/m)	Limit-QP (dBμV/m)	Limit-AV (dBμV/m)	Antenna	Verdict
112.450	33.48	N/A	N/A	N/A	43.50	N/A	Horizontal	PASS
2532.267	48.94	N/A	N/A	74.00	N/A	54.00	Horizontal	PASS
4531.160	52.02	N/A	46.11	74.00	N/A	54.00	Horizontal	PASS
4842.240	51.39	N/A	45.18	74.00	N/A	54.00	Horizontal	PASS
4980.840	53.10	N/A	38.25	74.00	N/A	54.00	Horizontal	PASS
5156.400	51.69	N/A	45.26	74.00	N/A	54.00	Horizontal	PASS

(Antenna Horizontal, 30MHz to 18GHz)

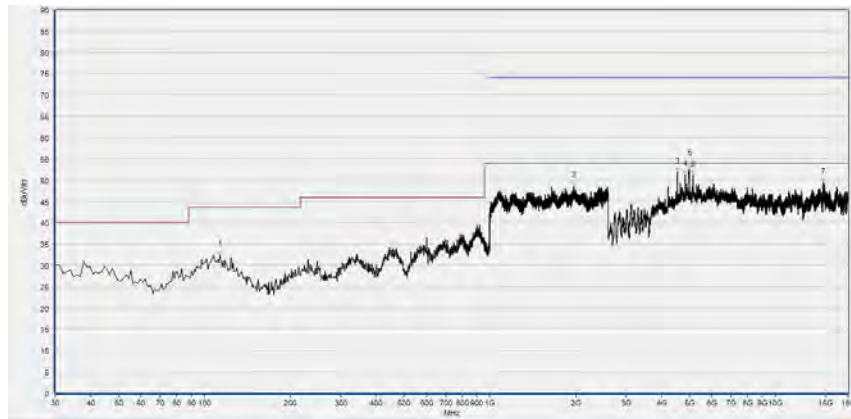


Fre. (MHz)	PK (dBμV/m)	QP (dBμV/m)	AV (dBμV/m)	Limit-PK (dBμV/m)	Limit-QP (dBμV/m)	Limit-AV (dBμV/m)	Antenna	Verdict
110.510	32.29	N/A	N/A	N/A	43.50	N/A	Vertical	PASS
1948.800	49.60	N/A	N/A	74.00	N/A	54.00	Vertical	PASS
4494.200	48.19	N/A	N/A	74.00	N/A	54.00	Vertical	PASS
4987.000	49.20	N/A	N/A	74.00	N/A	54.00	Vertical	PASS
7934.560	47.62	N/A	N/A	74.00	N/A	54.00	Vertical	PASS
14762.920	48.63	N/A	N/A	74.00	N/A	54.00	Vertical	PASS

(Antenna Vertical, 30MHz to 18GHz)

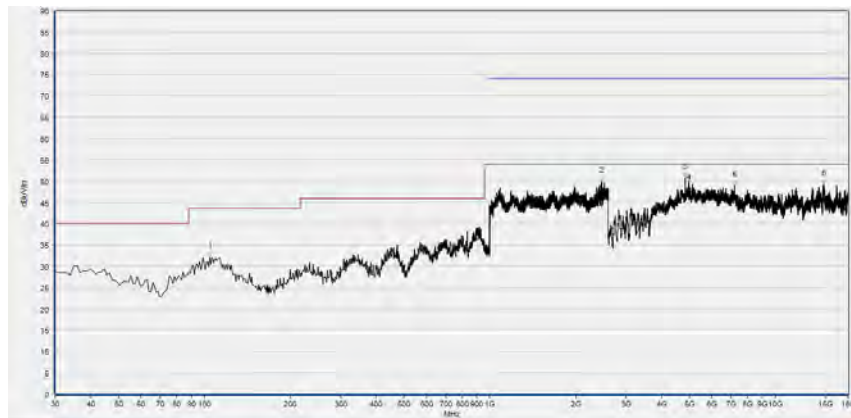


Plot for Channel 11



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
113.420	32.28	N/A	N/A	N/A	43.50	N/A	Horizontal	PASS
1971.733	48.58	N/A	N/A	74.00	N/A	54.00	Horizontal	PASS
4531.160	51.78	N/A	45.83	74.00	N/A	54.00	Horizontal	PASS
4842.240	51.36	N/A	45.23	74.00	N/A	54.00	Horizontal	PASS
4996.240	52.42	N/A	37.66	74.00	N/A	54.00	Horizontal	PASS
5156.400	51.19	N/A	45.18	74.00	N/A	54.00	Horizontal	PASS

(Antenna Horizontal, 30MHz to 18GHz)

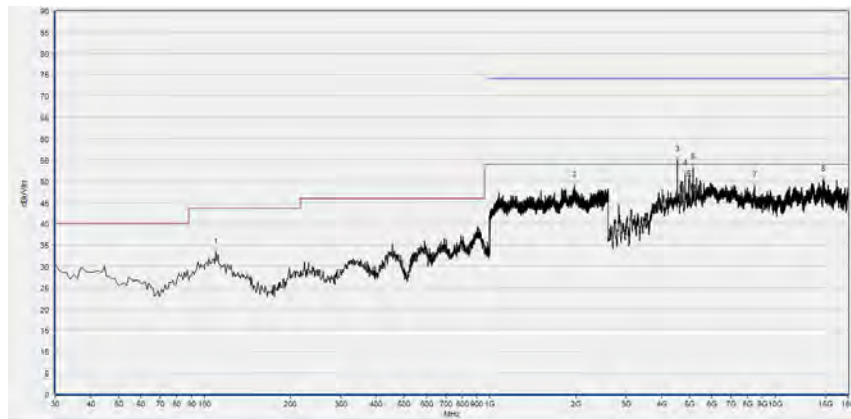


Fre. (MHz)	PK (dBμV/m)	QP (dBμV/m)	AV (dBμV/m)	Limit-PK (dBμV/m)	Limit-QP (dBμV/m)	Limit-AV (dBμV/m)	Antenna	Verdict
104.690	32.15	N/A	N/A	N/A	43.50	N/A	Vertical	PASS
2466.667	49.94	N/A	N/A	74.00	N/A	54.00	Vertical	PASS
4842.240	50.82	N/A	N/A	74.00	N/A	54.00	Vertical	PASS
4987.000	50.06	N/A	N/A	74.00	N/A	54.00	Vertical	PASS
7216.920	48.95	N/A	N/A	74.00	N/A	54.00	Vertical	PASS
14802.960	49.25	N/A	N/A	74.00	N/A	54.00	Vertical	PASS

(Antenna Vertical, 30MHz to 18GHz)

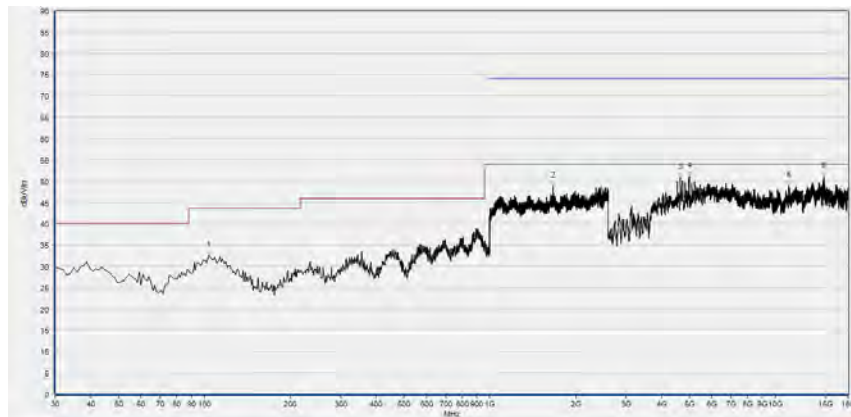
**802.11ax (HEW40) Mode**

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
109.540	33.40	N/A	N/A	N/A	43.50	N/A	Horizontal	PASS
1981.333	48.96	N/A	N/A	74.00	N/A	54.00	Horizontal	PASS
4531.160	55.01	N/A	50.67	74.00	N/A	54.00	Horizontal	PASS
4842.240	51.60	N/A	N/A	74.00	N/A	54.00	Horizontal	PASS
4987.000	50.50	N/A	N/A	74.00	N/A	54.00	Horizontal	PASS
5156.400	53.09	N/A	46.55	74.00	N/A	54.00	Horizontal	PASS

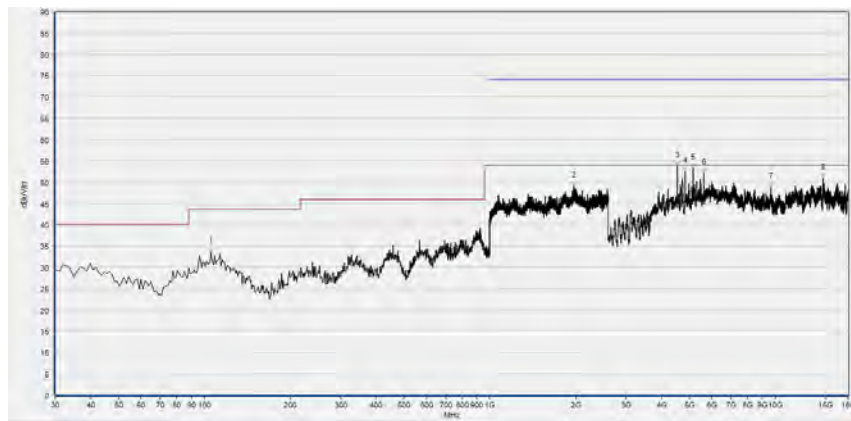
(Antenna Horizontal, 30MHz to 18GHz)



Fre. (MHz)	PK (dBμV/m)	QP (dBμV/m)	AV (dBμV/m)	Limit-PK (dBμV/m)	Limit-QP (dBμV/m)	Limit-AV (dBμV/m)	Antenna	Verdict
103.720	32.49	N/A	N/A	N/A	43.50	N/A	Vertical	PASS
1667.733	48.73	N/A	N/A	74.00	N/A	54.00	Vertical	PASS
4654.360	50.70	N/A	N/A	74.00	N/A	54.00	Vertical	PASS
4996.240	51.14	N/A	39.05	74.00	N/A	54.00	Vertical	PASS
11137.760	48.98	N/A	N/A	74.00	N/A	54.00	Vertical	PASS
14833.760	51.19	N/A	38.55	74.00	N/A	54.00	Vertical	PASS

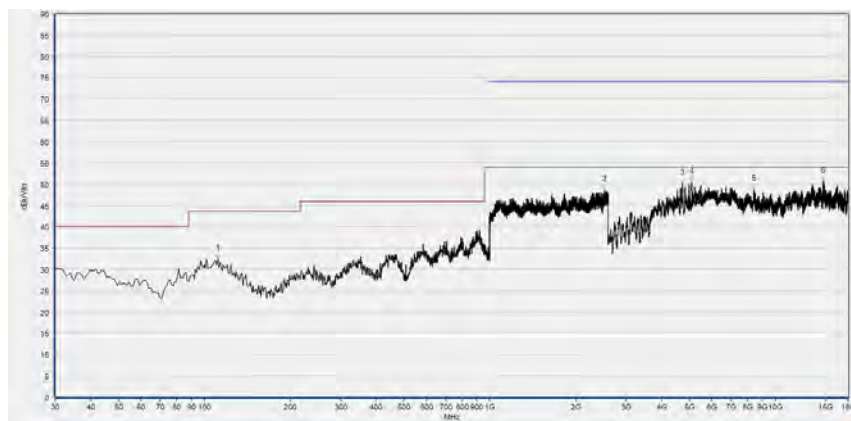
(Antenna Vertical, 30MHz to 18GHz)

Plot for Channel 7



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	33.55	N/A	N/A	N/A	43.50	N/A	Horizontal	PASS
1966.400	49.18	N/A	N/A	74.00	N/A	54.00	Horizontal	PASS
4531.160	53.72	N/A	50.81	74.00	N/A	54.00	Horizontal	PASS
4842.240	52.53	N/A	46.33	74.00	N/A	54.00	Horizontal	PASS
5156.400	53.26	N/A	45.62	74.00	N/A	54.00	Horizontal	PASS
5624.560	52.15	N/A	44.30	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
111.480	32.35	N/A	N/A	N/A	43.50	N/A	Vertical	PASS
2524.267	48.68	N/A	N/A	74.00	N/A	54.00	Vertical	PASS
4737.520	50.17	N/A	N/A	74.00	N/A	54.00	Vertical	PASS
5094.800	50.42	N/A	N/A	74.00	N/A	54.00	Vertical	PASS
8433.520	48.70	N/A	N/A	74.00	N/A	54.00	Vertical	PASS
14747.520	50.57	N/A	N/A	74.00	N/A	54.00	Vertical	PASS

(Antenna Vertical, 30MHz to 18GHz)

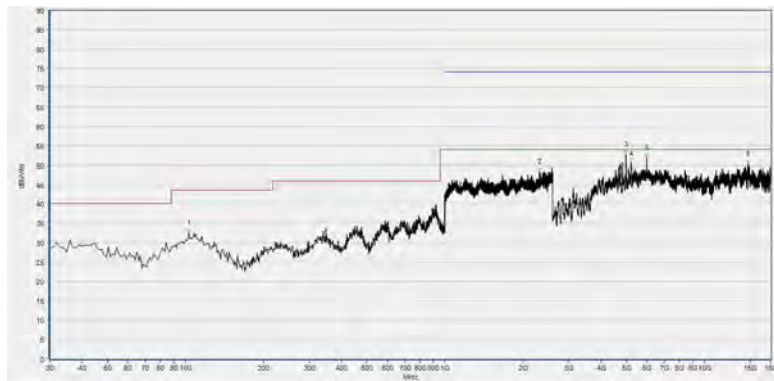


Plot for Channel 11



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
106.630	32.09	N/A	N/A	N/A	43.50	N/A	Horizontal	PASS
1994.133	49.62	N/A	N/A	74.00	N/A	54.00	Horizontal	PASS
4531.160	53.37	N/A	47.84	74.00	N/A	54.00	Horizontal	PASS
4842.240	52.73	N/A	40.33	74.00	N/A	54.00	Horizontal	PASS
5156.400	53.38	N/A	45.62	74.00	N/A	54.00	Horizontal	PASS
5997.240	54.32	N/A	37.96	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	32.49	N/A	N/A	N/A	43.50	N/A	Vertical	PASS
2307.200	48.26	N/A	N/A	74.00	N/A	54.00	Vertical	PASS
4990.080	52.81	N/A	37.33	74.00	N/A	54.00	Vertical	PASS
5221.080	50.82	N/A	N/A	74.00	N/A	54.00	Vertical	PASS
5997.240	51.72	N/A	40.58	74.00	N/A	54.00	Vertical	PASS
14722.880	50.31	N/A	N/A	74.00	N/A	54.00	Vertical	PASS

(Antenna Vertical, 30MHz to 18GHz)

END OF REPORT