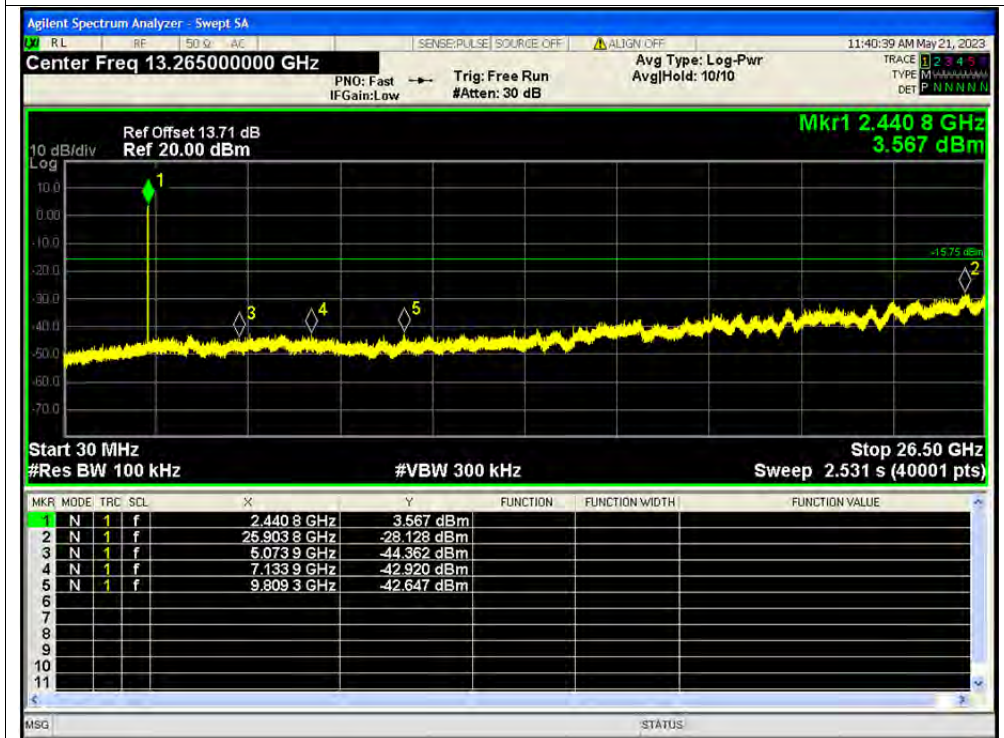




Tx. Spurious NVNT b 2442MHz Ant1 Ref

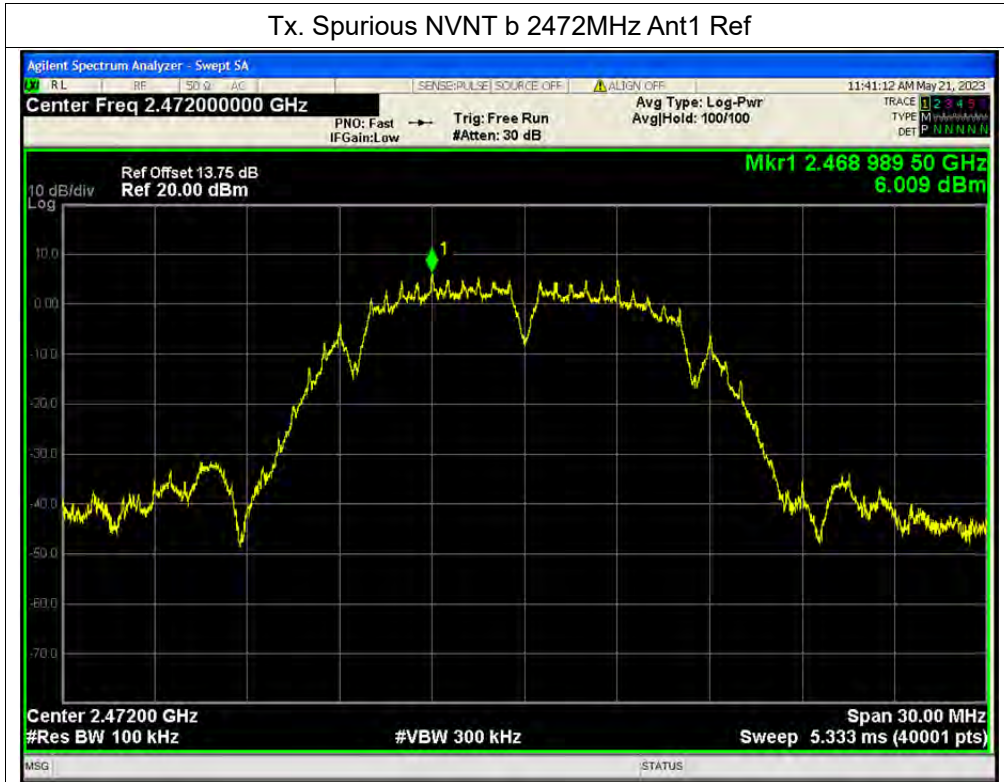


Tx. Spurious NVNT b 2442MHz Ant1 Emission

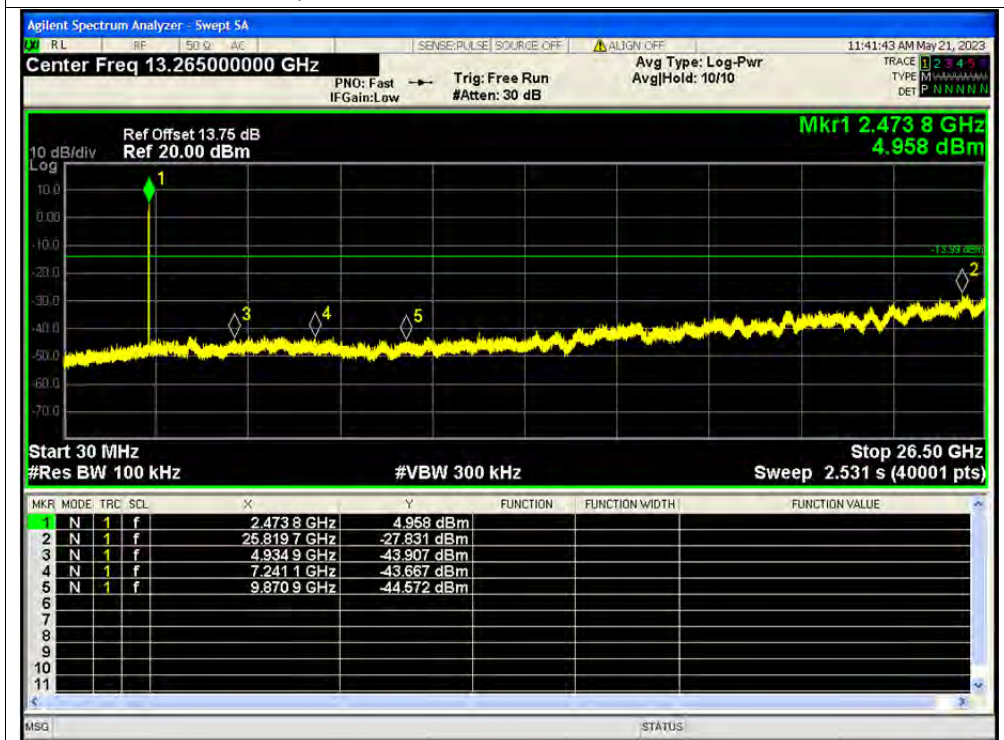




Tx. Spurious NVNT b 2472MHz Ant1 Ref

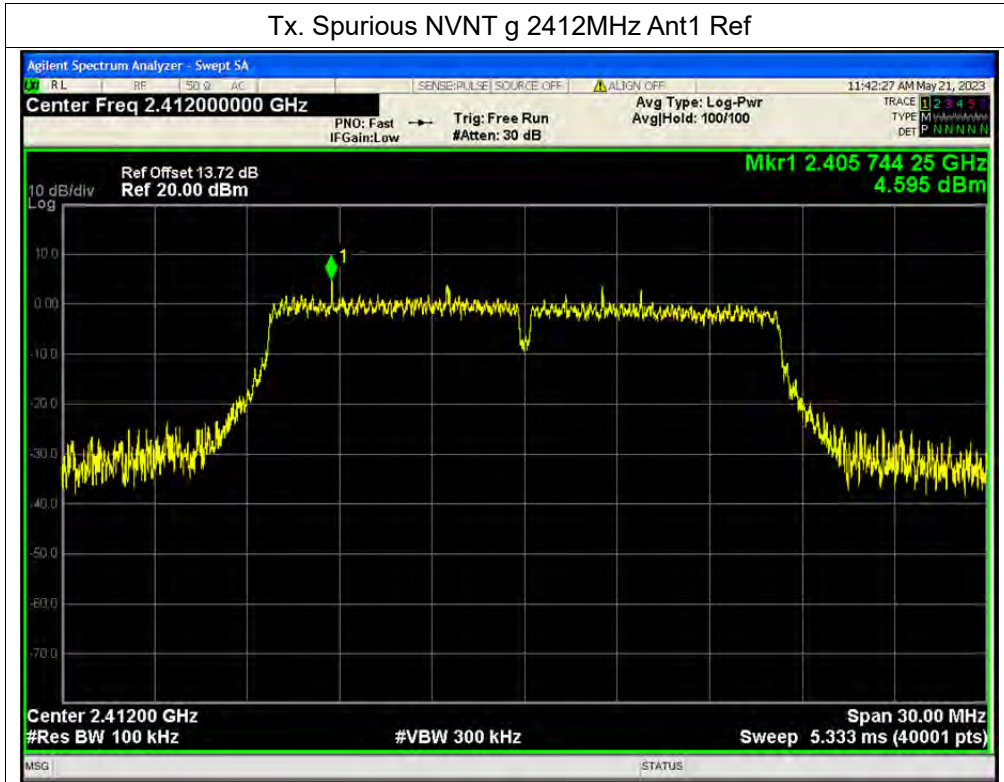


Tx. Spurious NVNT b 2472MHz Ant1 Emission

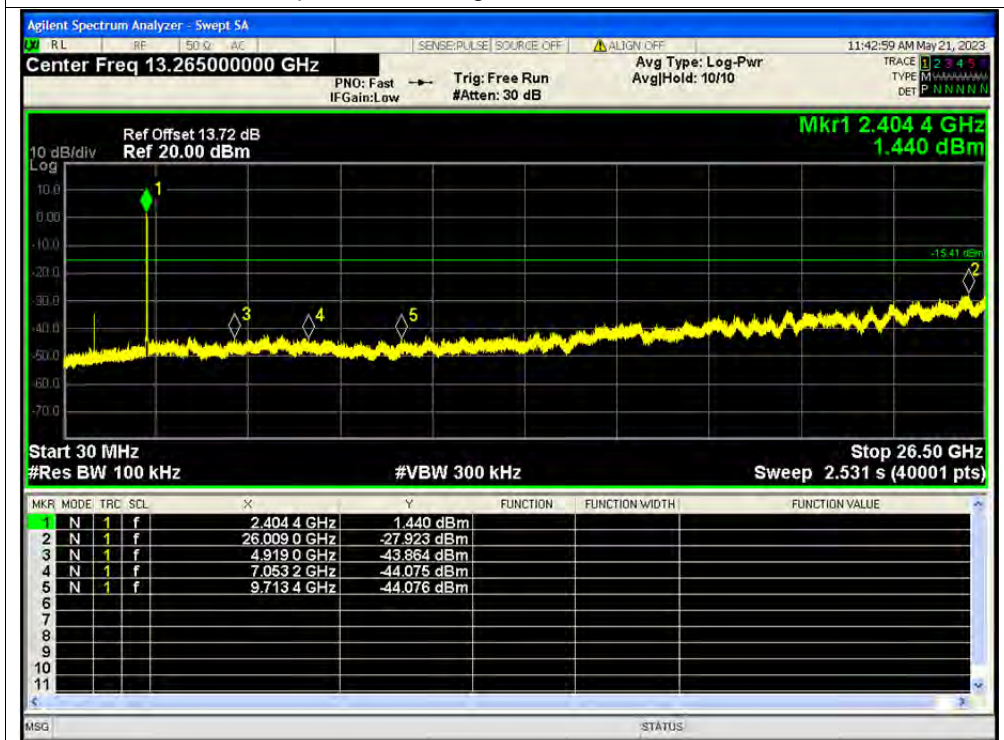




Tx. Spurious NVNT g 2412MHz Ant1 Ref

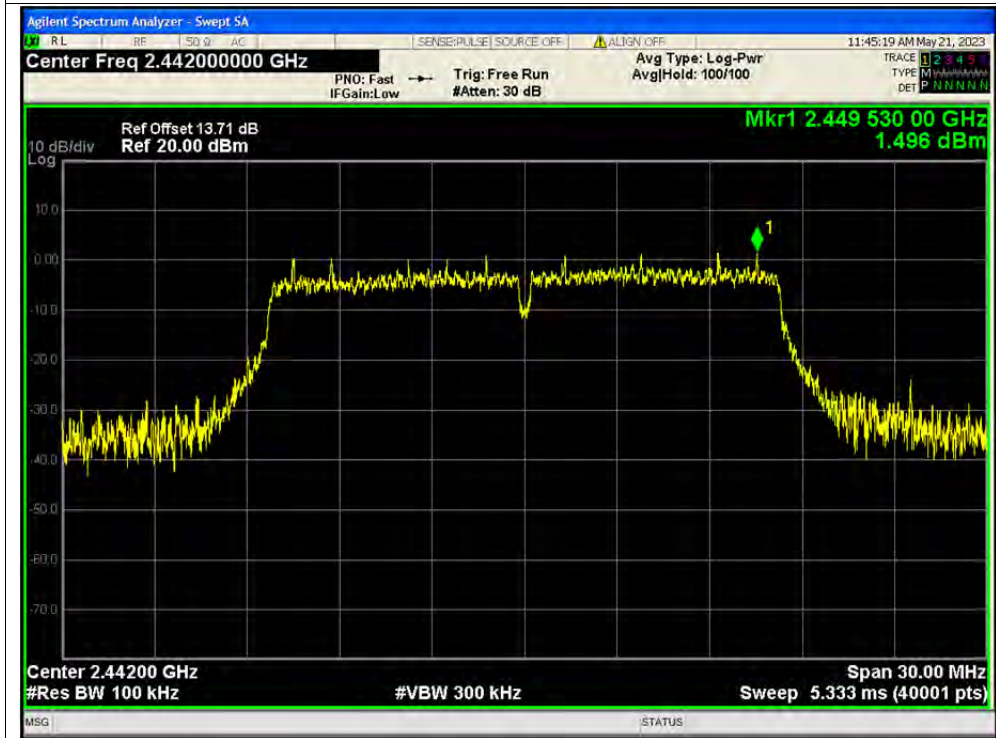


Tx. Spurious NVNT g 2412MHz Ant1 Emission

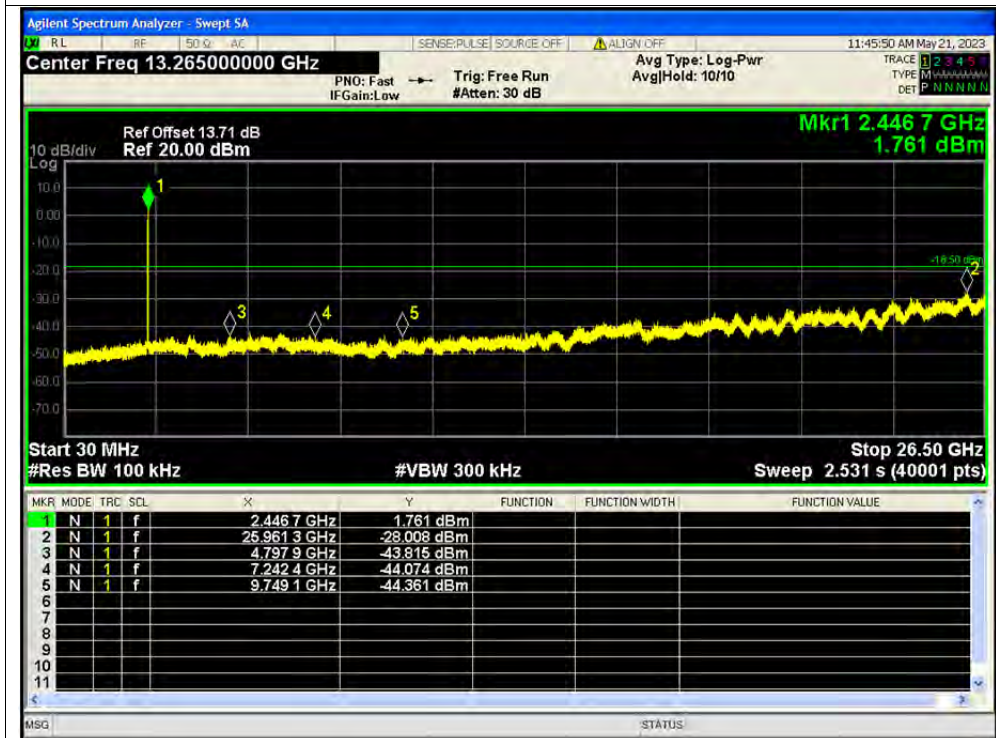




Tx. Spurious NVNT g 2442MHz Ant1 Ref

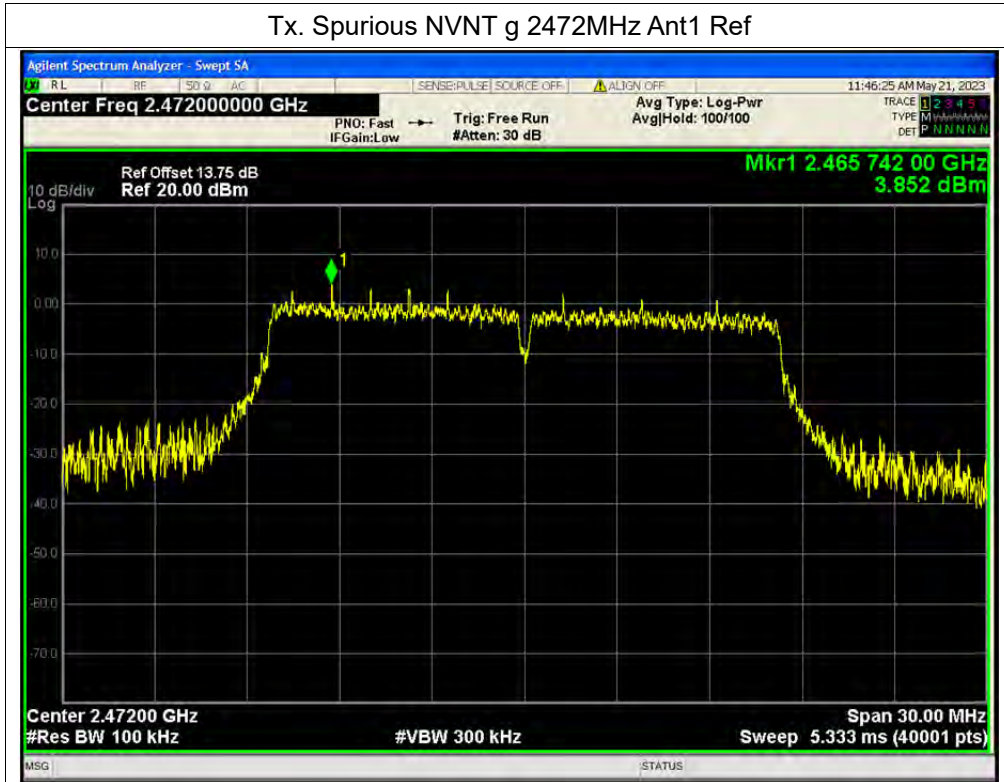


Tx. Spurious NVNT g 2442MHz Ant1 Emission

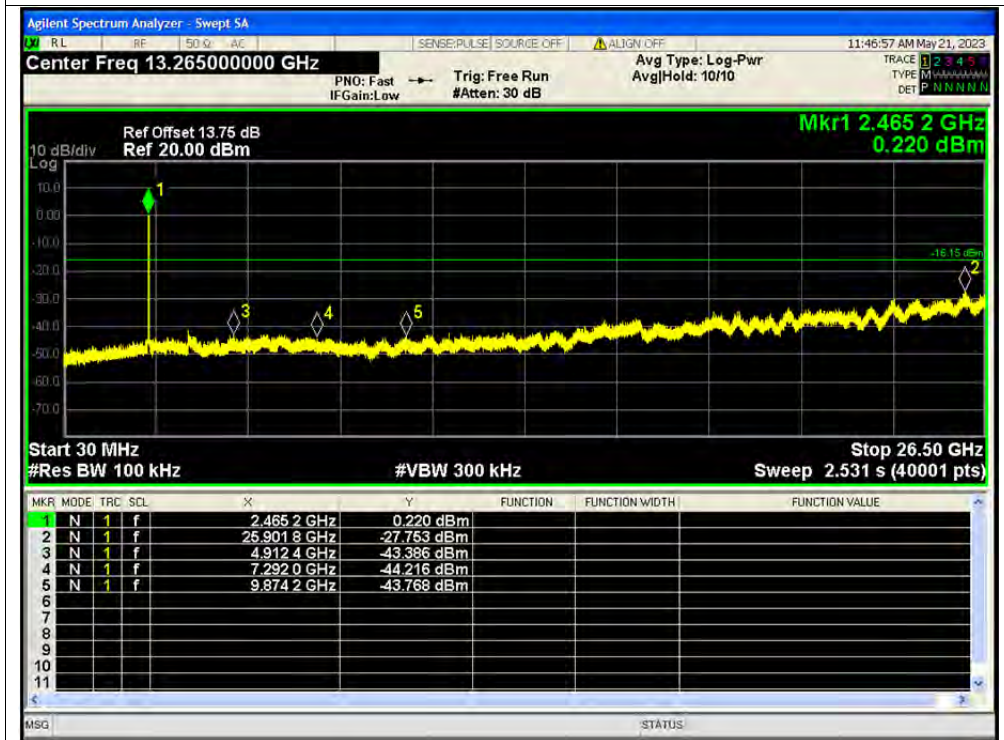




Tx. Spurious NVNT g 2472MHz Ant1 Ref



Tx. Spurious NVNT g 2472MHz Ant1 Emission

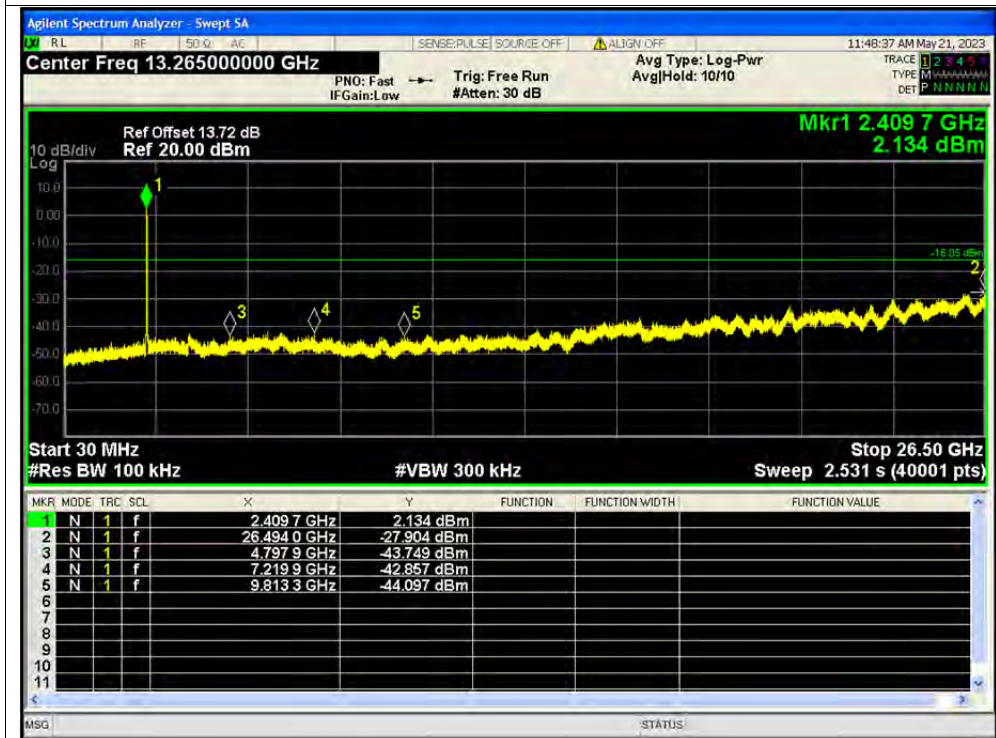




Tx. Spurious NVNT n20 2412MHz Ant1 Ref



Tx. Spurious NVNT n20 2412MHz Ant1 Emission

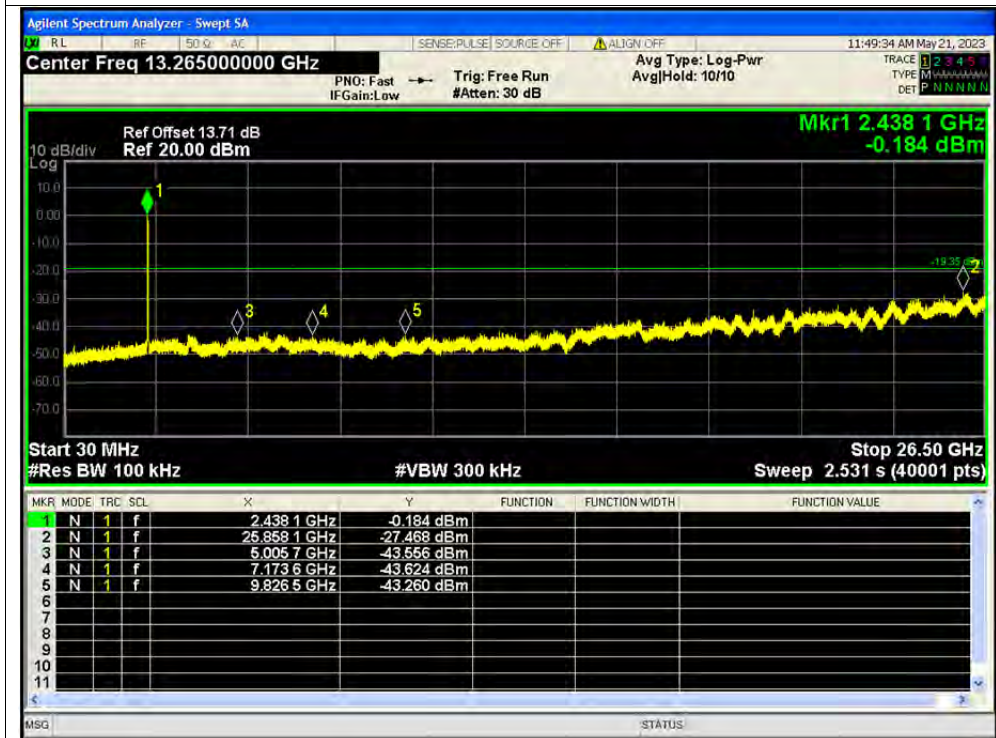




Tx. Spurious NVNT n20 2442MHz Ant1 Ref



Tx. Spurious NVNT n20 2442MHz Ant1 Emission

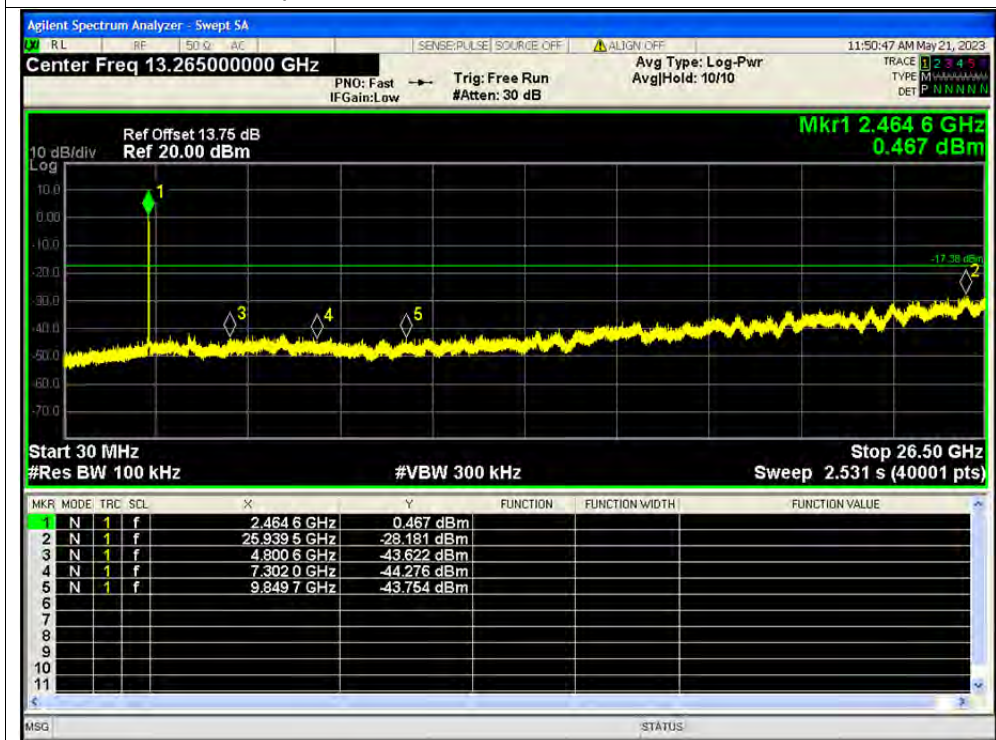




Tx. Spurious NVNT n20 2472MHz Ant1 Ref

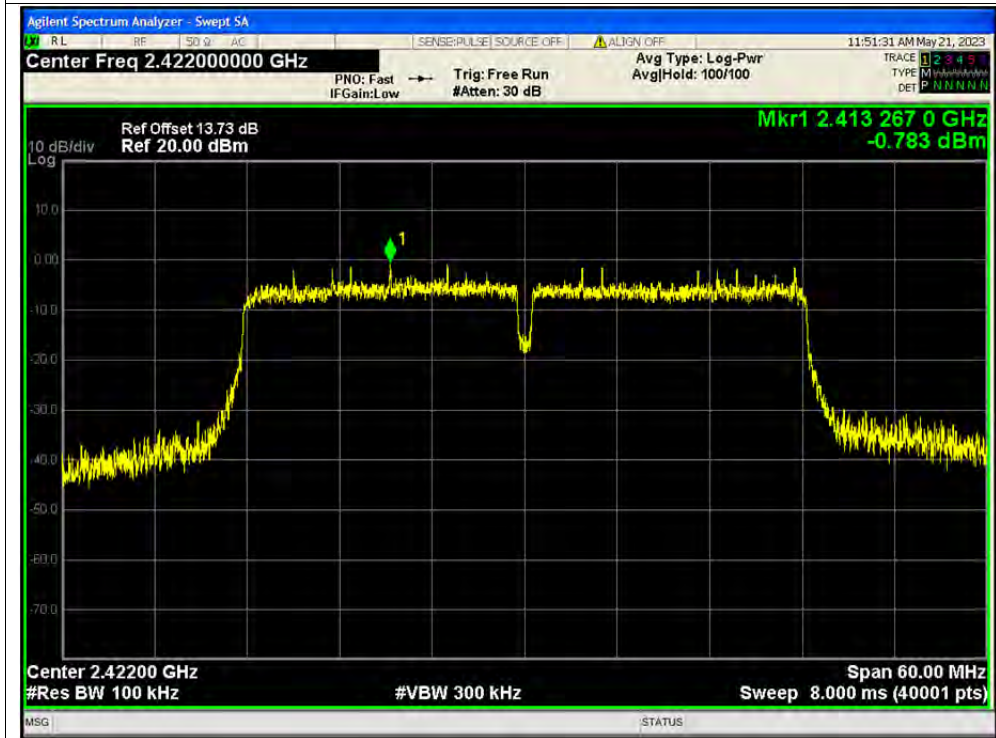


Tx. Spurious NVNT n20 2472MHz Ant1 Emission

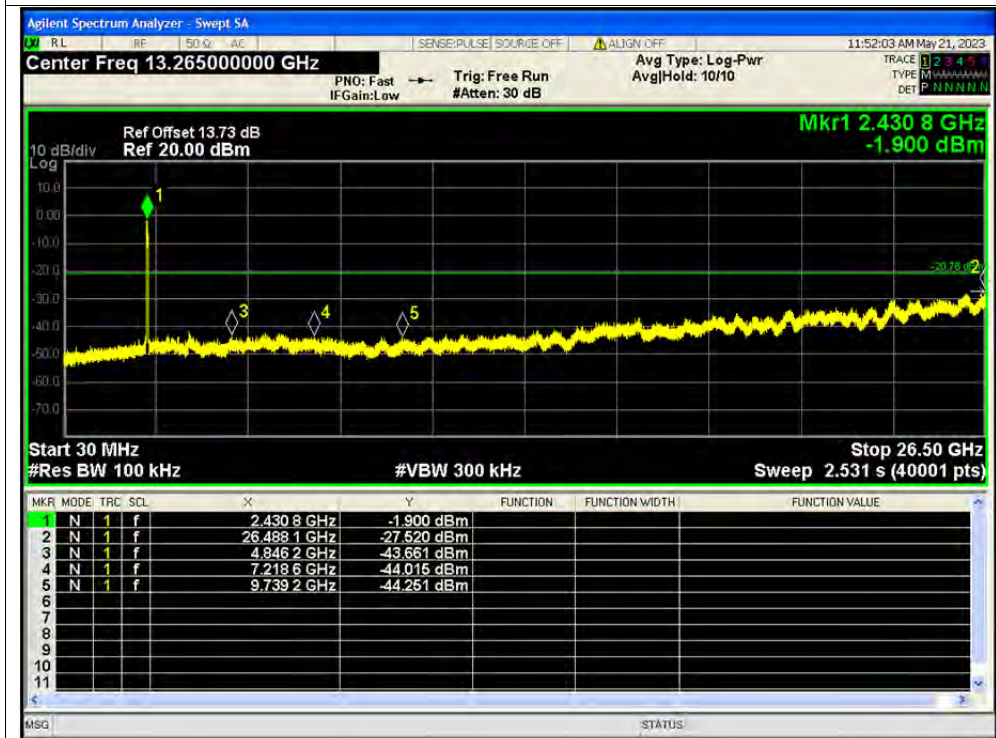




Tx. Spurious NVNT n40 2422MHz Ant1 Ref



Tx. Spurious NVNT n40 2422MHz Ant1 Emission

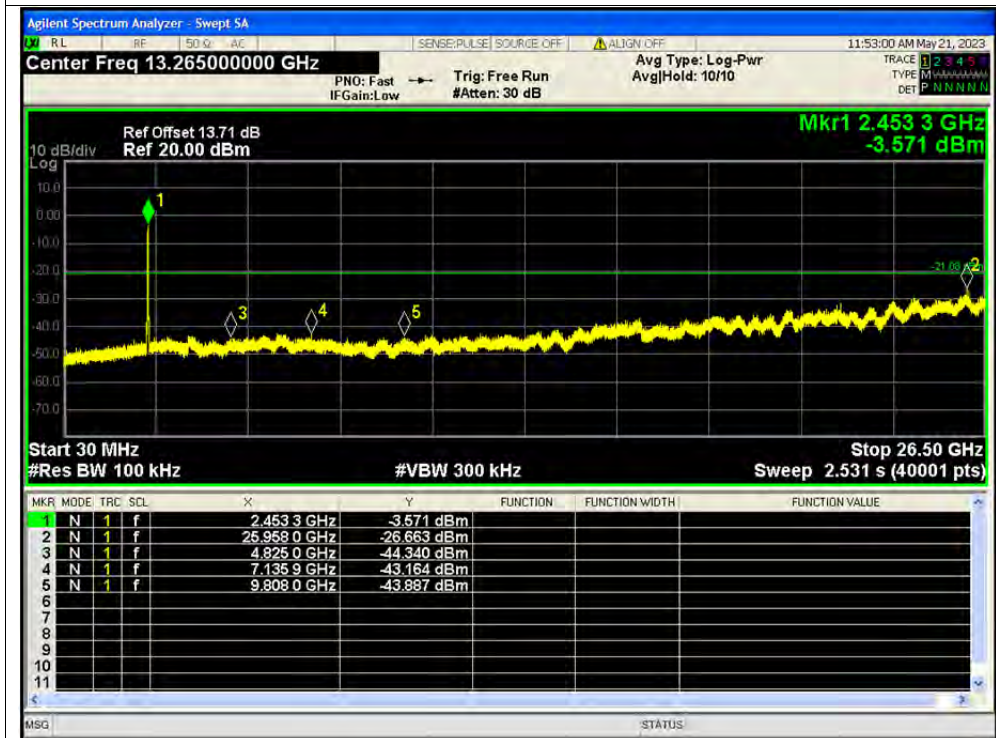




Tx. Spurious NVNT n40 2442MHz Ant1 Ref

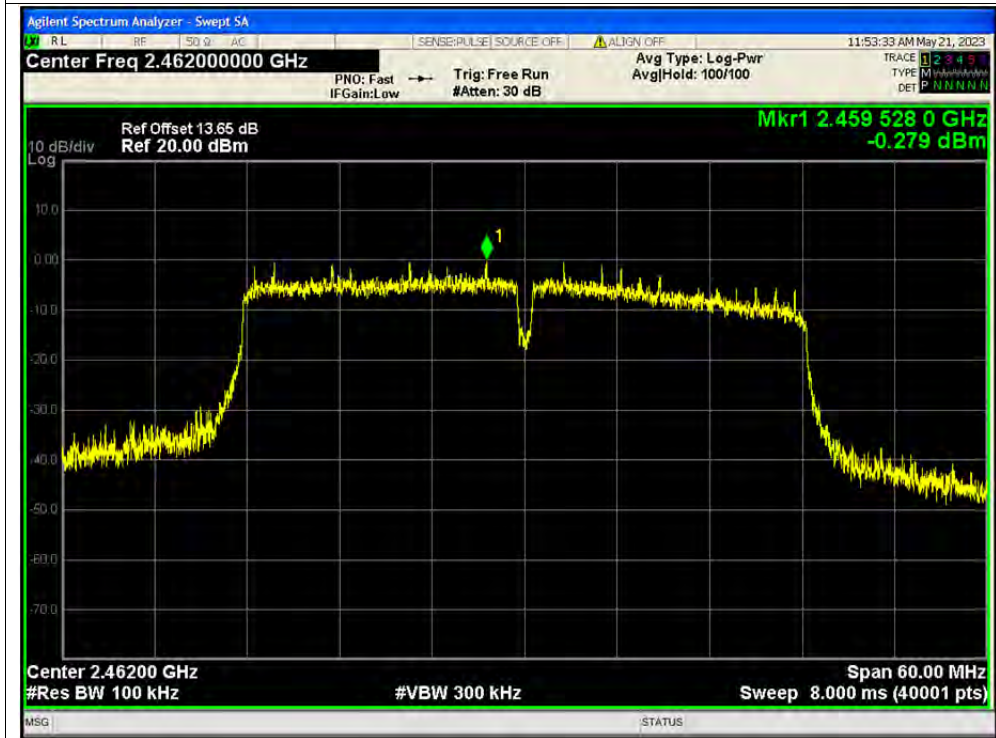


Tx. Spurious NVNT n40 2442MHz Ant1 Emission

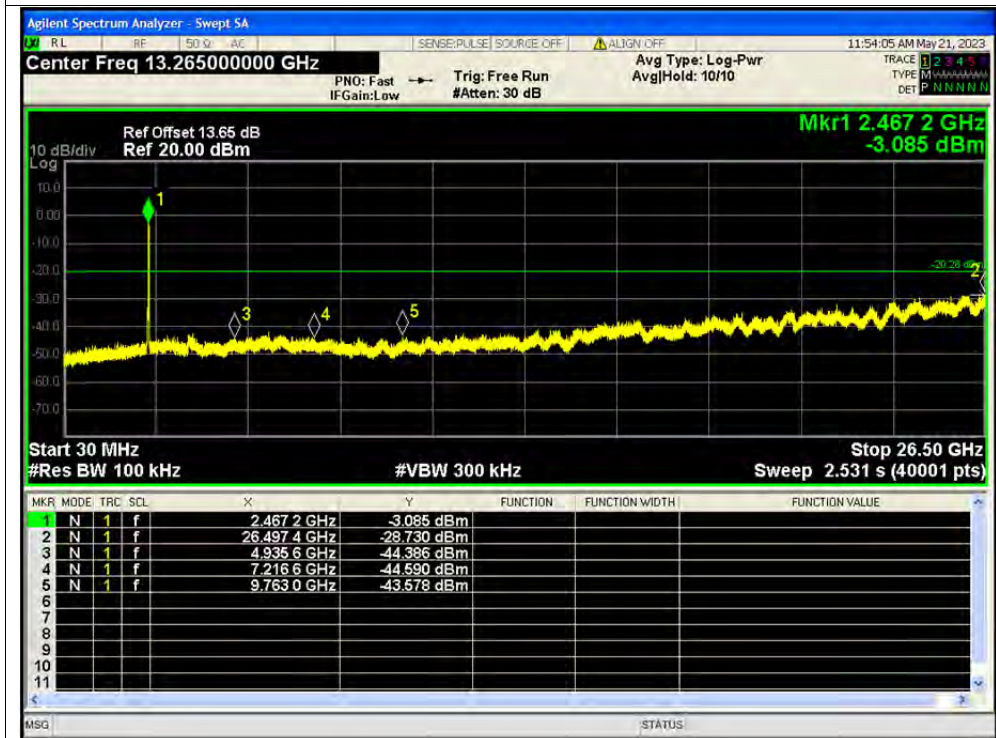




Tx. Spurious NVNT n40 2462MHz Ant1 Ref



Tx. Spurious NVNT n40 2462MHz Ant1 Emission





A.6. Band Edge

Condition	Mode	Frequency (MHz)	Antenna	Max Value (dBc)	Limit (dBc)	Verdict
NVNT	b	2412	Ant1	-45.83	-20	Pass
NVNT	b	2472	Ant1	-44.21	-20	Pass
NVNT	g	2412	Ant1	-30.33	-20	Pass
NVNT	g	2472	Ant1	-28.83	-20	Pass
NVNT	n20	2412	Ant1	-30.22	-20	Pass
NVNT	n20	2472	Ant1	-31.68	-20	Pass
NVNT	n40	2422	Ant1	-32.64	-20	Pass
NVNT	n40	2462	Ant1	-37.47	-20	Pass

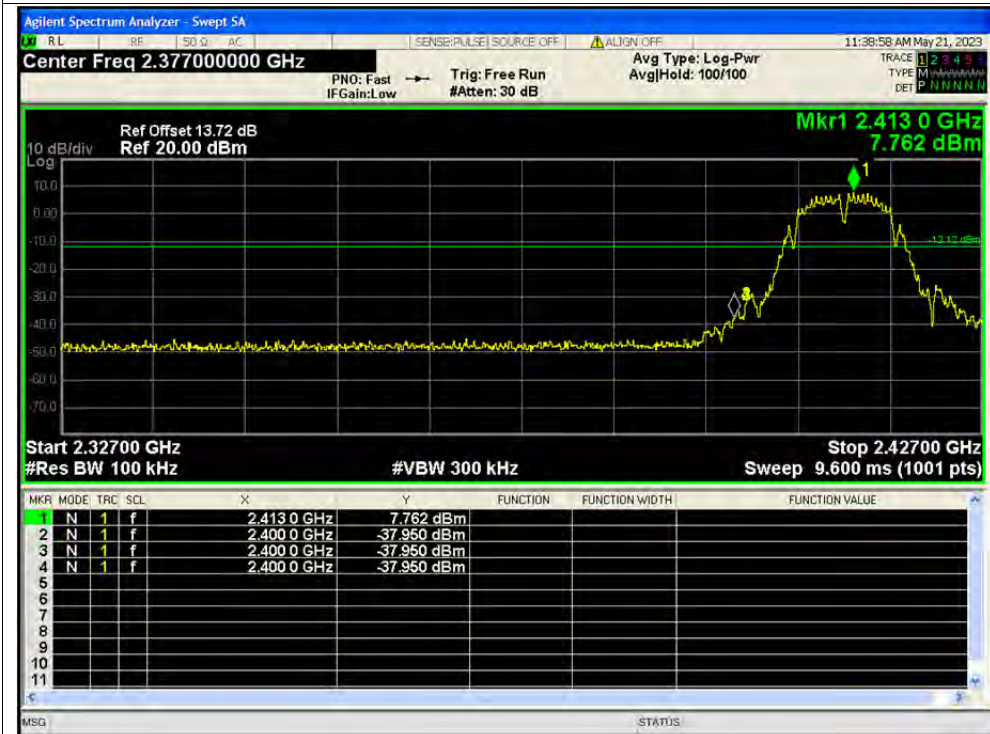


Test Graphs

Band Edge NVNT b 2412MHz Ant1 Ref



Band Edge NVNT b 2412MHz Ant1 Emission

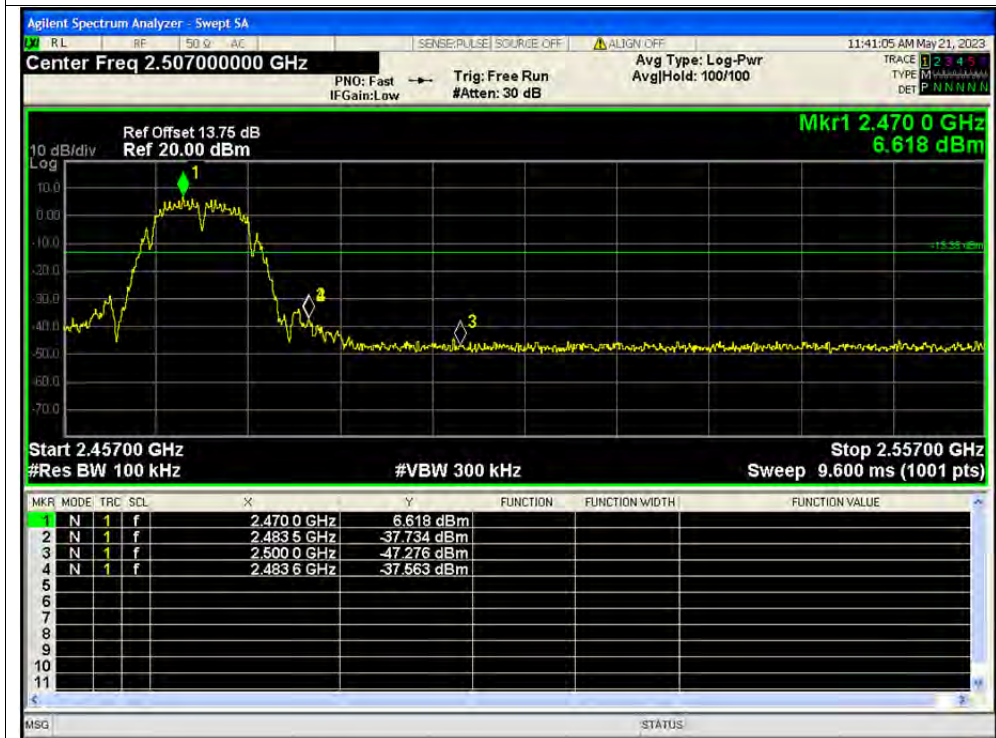




Band Edge NVNT b 2472MHz Ant1 Ref

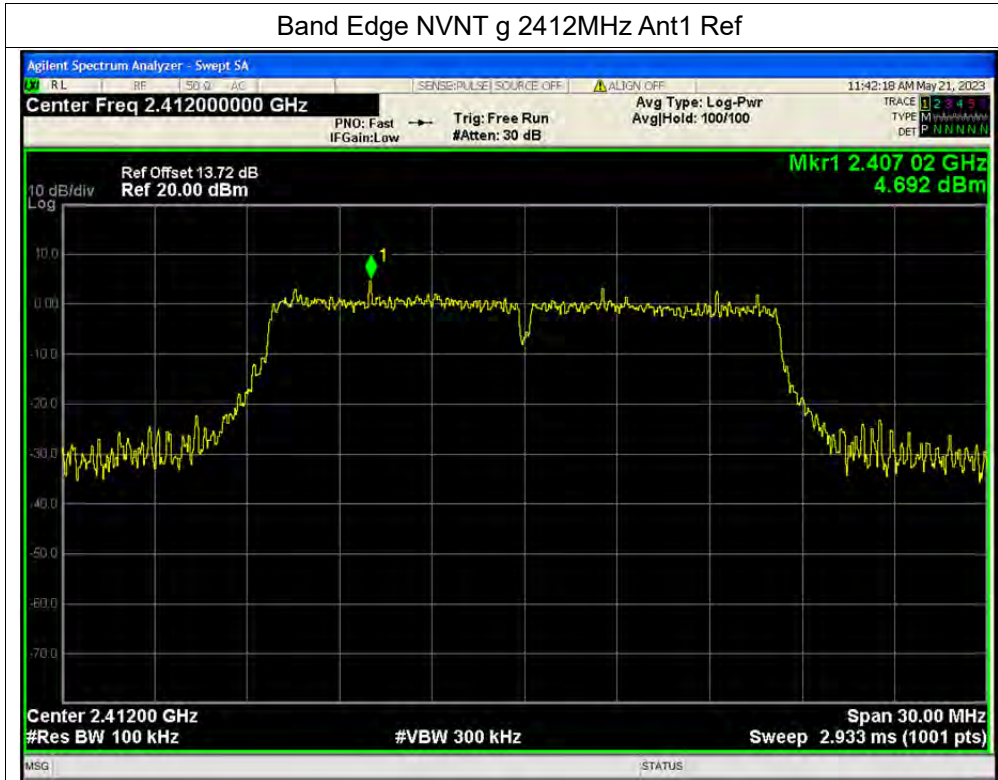


Band Edge NVNT b 2472MHz Ant1 Emission

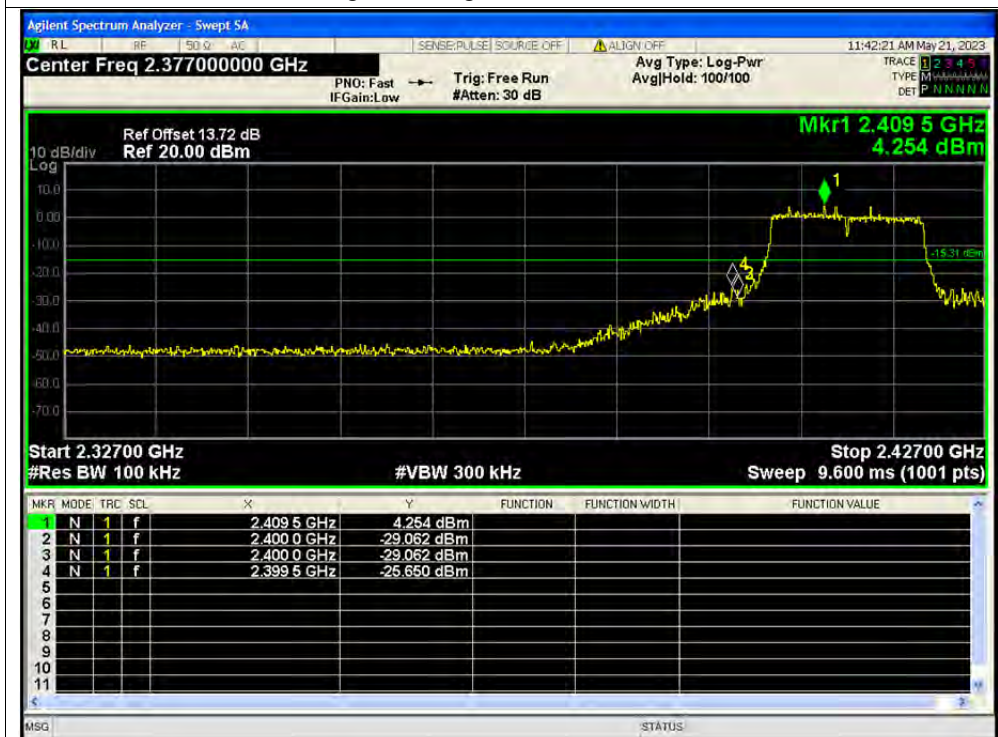




Band Edge NVNT g 2412MHz Ant1 Ref

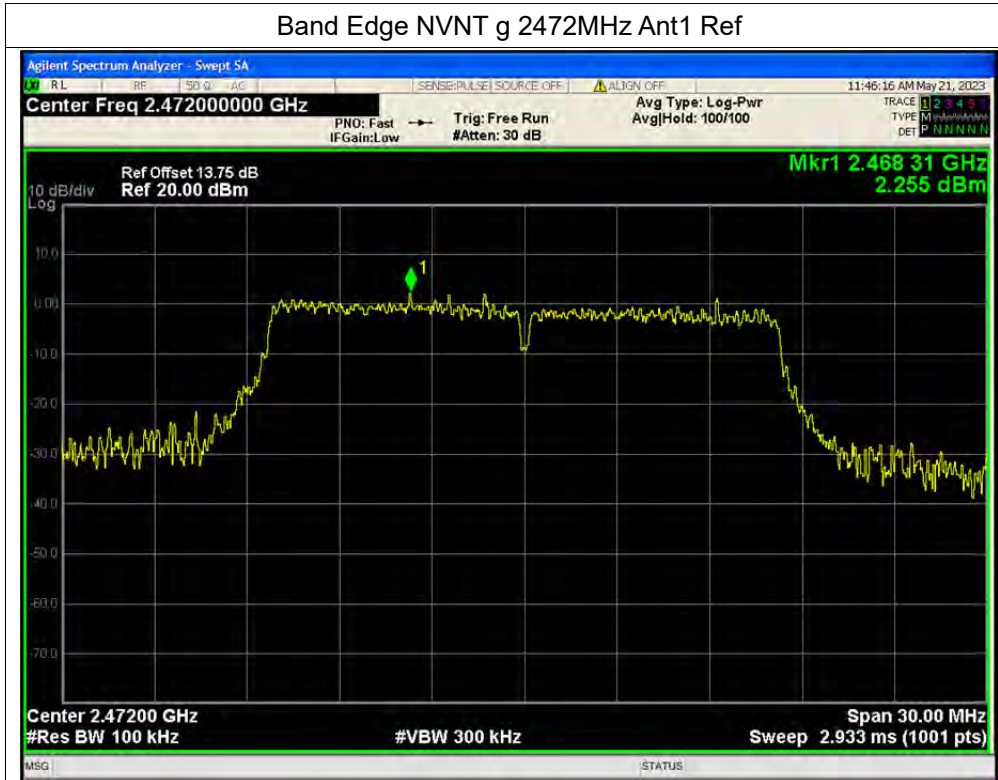


Band Edge NVNT g 2412MHz Ant1 Emission





Band Edge NVNT g 2472MHz Ant1 Ref



Band Edge NVNT g 2472MHz Ant1 Emission

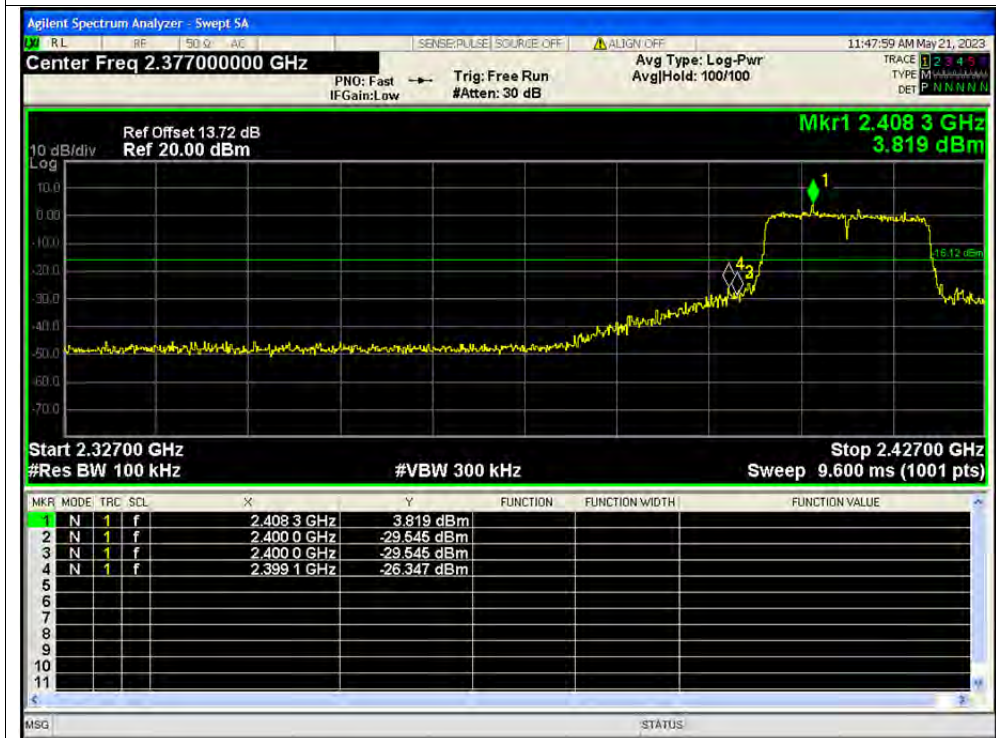




Band Edge NVNT n20 2412MHz Ant1 Ref



Band Edge NVNT n20 2412MHz Ant1 Emission





Band Edge NVNT n20 2472MHz Ant1 Ref



Band Edge NVNT n20 2472MHz Ant1 Emission

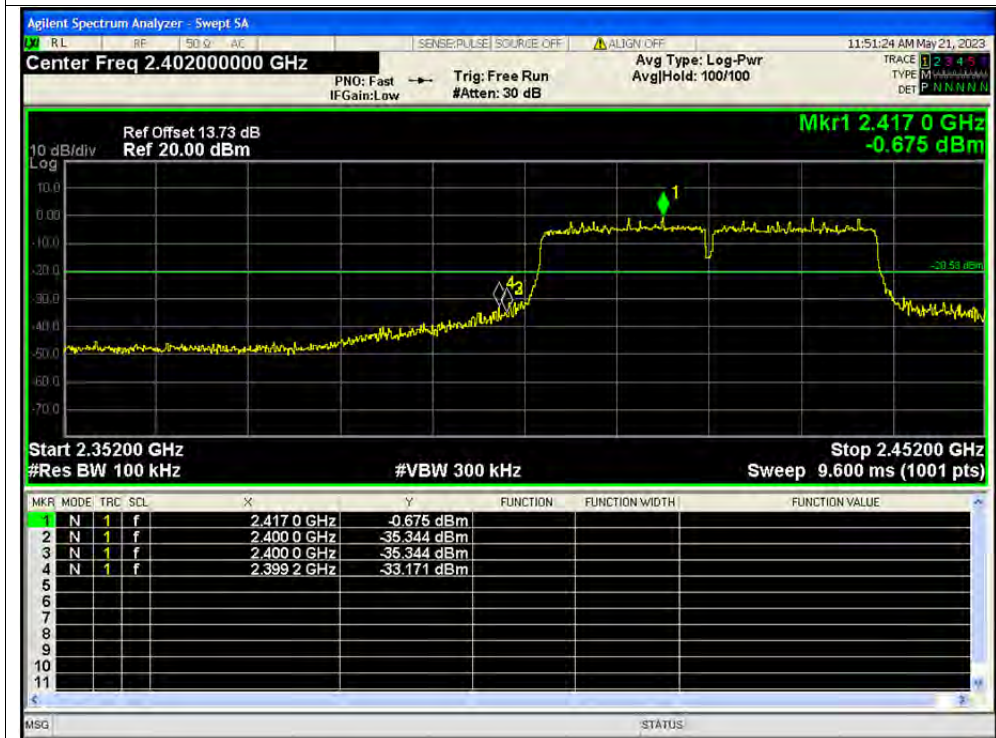




Band Edge NVNT n40 2422MHz Ant1 Ref



Band Edge NVNT n40 2422MHz Ant1 Emission





Band Edge NVNT n40 2462MHz Ant1 Ref



Band Edge NVNT n40 2462MHz Ant1 Emission





A.7. Power Spectral Density

Condition	Mode	Frequency (MHz)	Antenna	Conducted PSD (dBm/3kHz)	Duty Factor (dB)	Total PSD (dBm/3kHz)	Limit (dBm/3kHz)	Verdict
NVNT	b	2412	Ant1	-4.61	0	-4.61	8	Pass
NVNT	b	2442	Ant1	-9.83	0	-9.83	8	Pass
NVNT	b	2472	Ant1	-4.03	0	-4.03	8	Pass
NVNT	g	2412	Ant1	-10.24	0	-10.24	8	Pass
NVNT	g	2442	Ant1	-11.7	0	-11.7	8	Pass
NVNT	g	2472	Ant1	-10.37	0	-10.37	8	Pass
NVNT	n20	2412	Ant1	-10.99	0	-10.99	8	Pass
NVNT	n20	2442	Ant1	-12.35	0	-12.35	8	Pass
NVNT	n20	2472	Ant1	-11.82	0	-11.82	8	Pass
NVNT	n40	2422	Ant1	-14.88	0	-14.88	8	Pass
NVNT	n40	2442	Ant1	-16.01	0	-16.01	8	Pass
NVNT	n40	2462	Ant1	-14.06	0	-14.06	8	Pass



Test Graphs

PSD NVNT b 2412MHz Ant1



PSD NVNT b 2442MHz Ant1

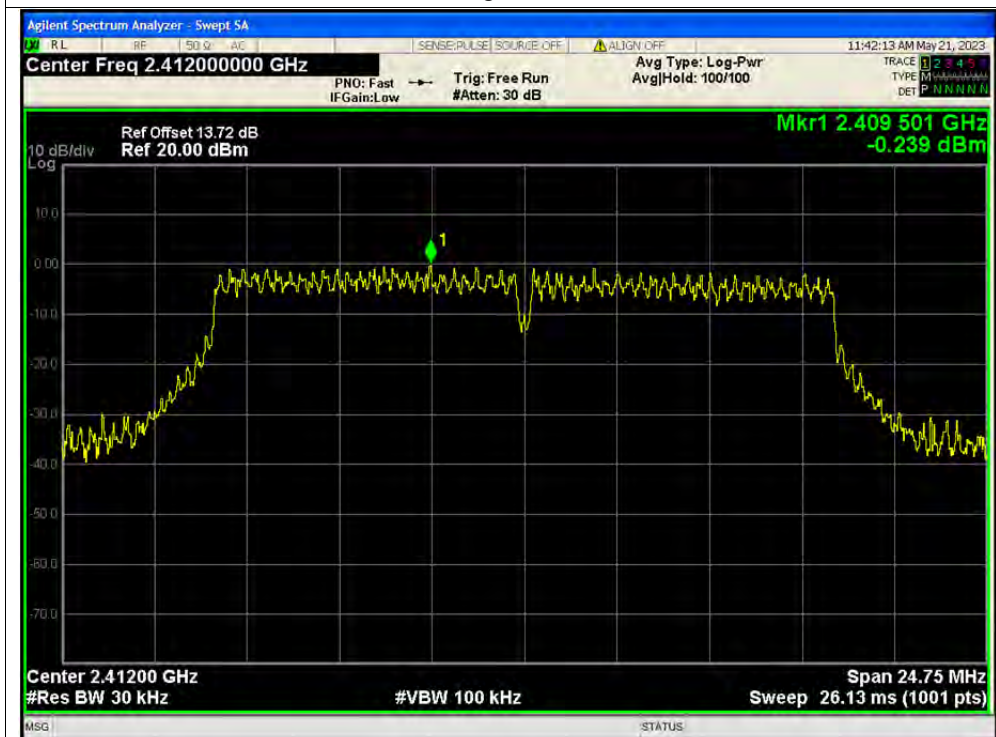




PSD NVNT b 2472MHz Ant1

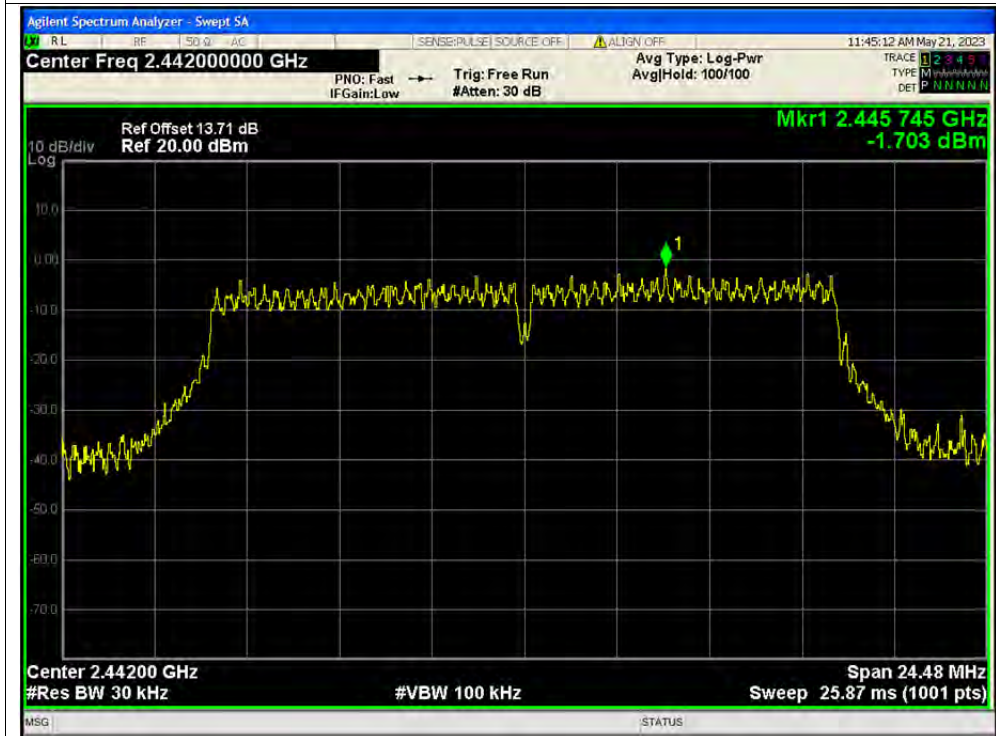


PSD NVNT g 2412MHz Ant1





PSD NVNT g 2442MHz Ant1



PSD NVNT g 2472MHz Ant1





PSD NVNT n20 2412MHz Ant1



PSD NVNT n20 2442MHz Ant1





PSD NVNT n20 2472MHz Ant1



PSD NVNT n40 2422MHz Ant1



PSD NVNT n40 2442MHz Ant1



PSD NVNT n40 2462MHz Ant1





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 + Earphone +WIFI TX

Test voltage: AC 120V/60Hz

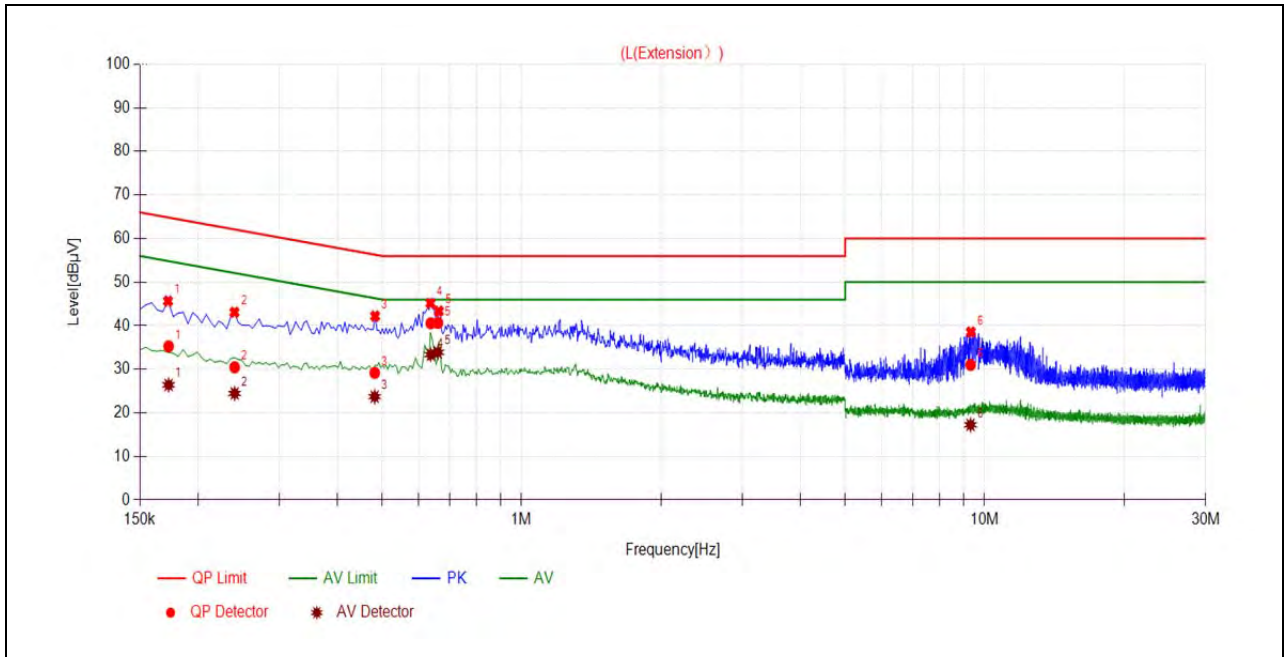
The measurement results are obtained as below:

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

U_R : Receiver Reading

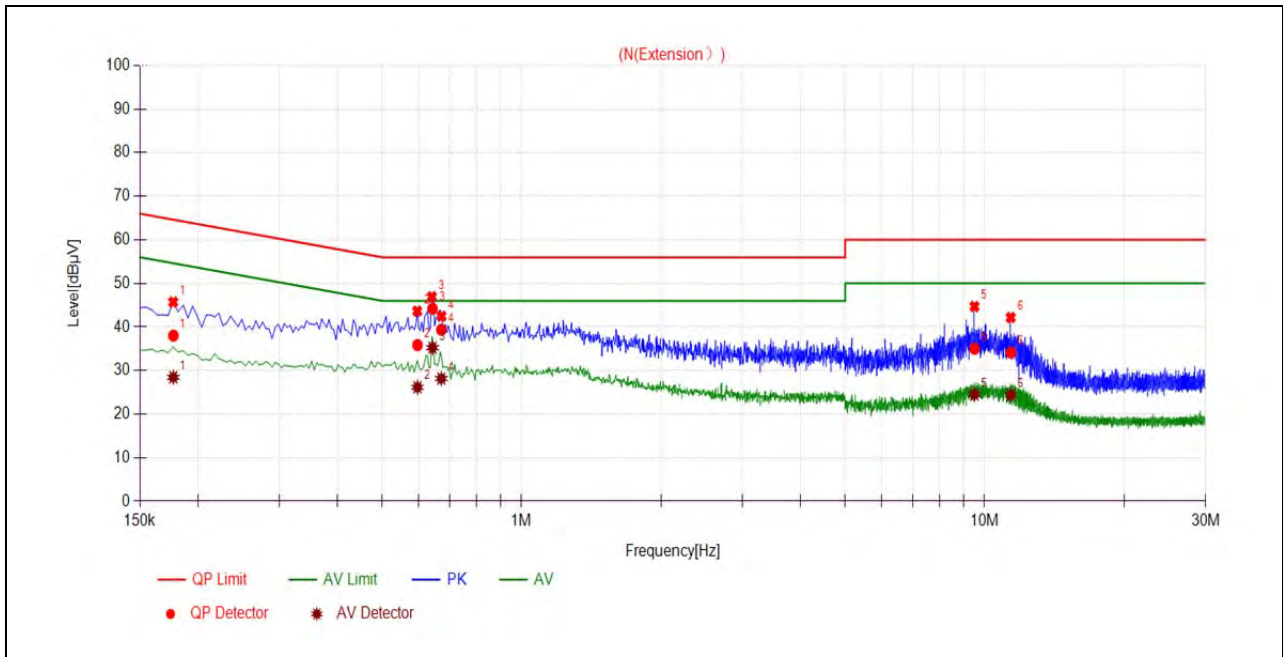
A_{Factor} : Voltage division factor of LISN

B. Test Plot:



(L Phase)

No.	Fre. (MHz)	Emission Level (dBµV)		Limit (dBµV)		Power-line	Verdict
		Quai-peak	Average	Quai-peak	Average		
1	0.1730	35.27	26.41	64.81	54.81	Line	PASS
2	0.2402	30.46	24.45	62.09	52.09		PASS
3	0.4819	29.17	23.70	56.31	46.31		PASS
4	0.6369	40.56	33.36	56.00	46.00		PASS
5	0.6599	40.65	33.90	56.00	46.00		PASS
6	9.3213	31.00	17.25	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	0.1771	38.01	28.45	64.62	54.62	Neutral	PASS
2	0.5962	35.85	26.16	56.00	46.00		PASS
3	0.6425	44.20	35.25	56.00	46.00		PASS
4	0.6713	39.37	28.15	56.00	46.00		PASS
5	9.5089	35.00	24.50	60.00	50.00		PASS
6	11.3940	34.13	24.39	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

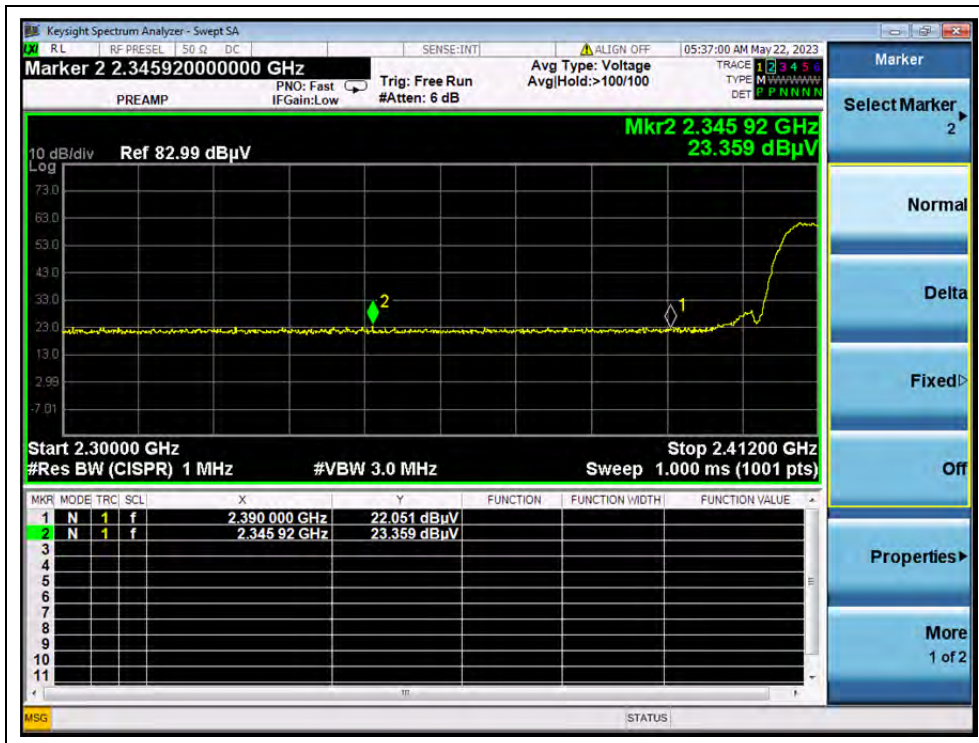
G_{preamp} : Preamplifier Gain

A_{Factor} : Antenna Factor at 3m

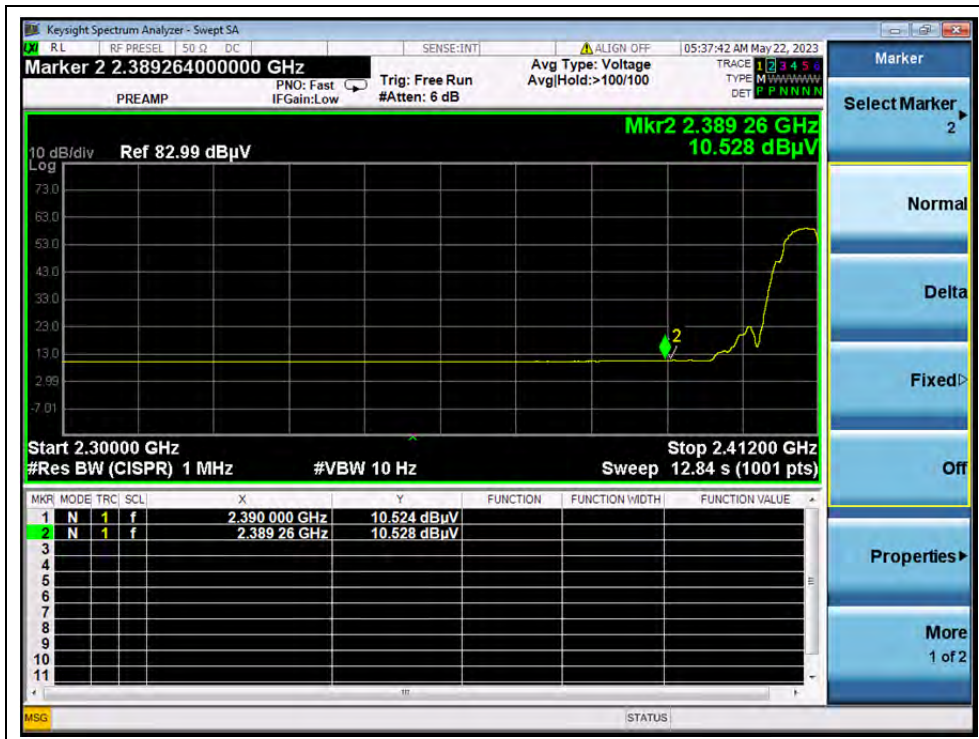
Note: Restricted Frequency Bands were performed when antenna was at vertical and horizontal polarity, and only the worse test condition (vertical) was recorded in this test report.

802.11b Mode

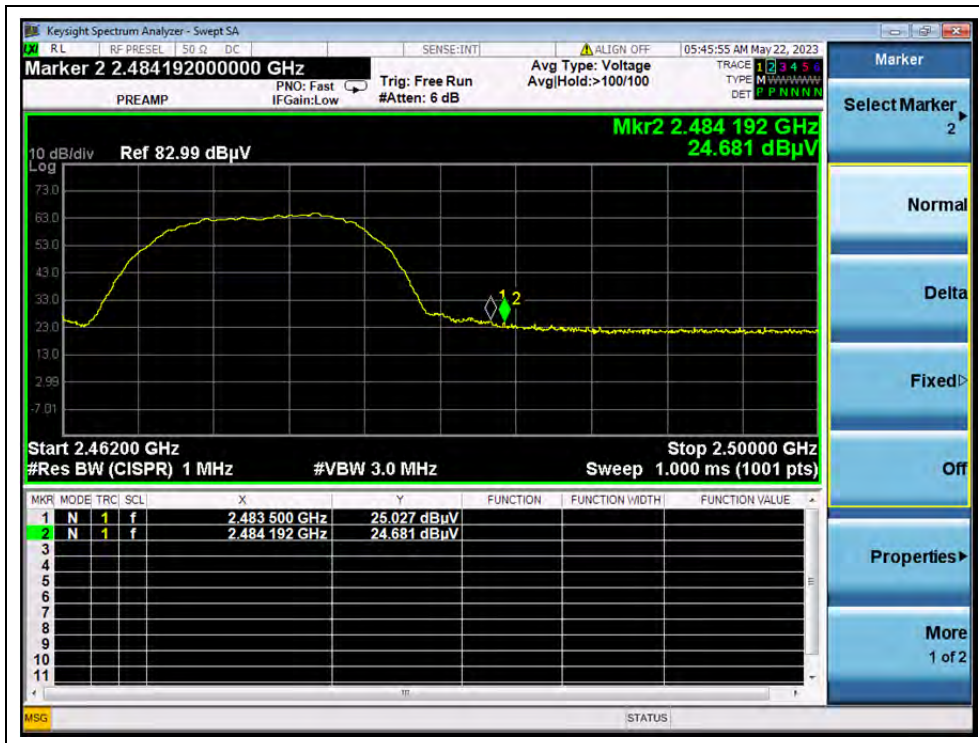
Channel	Frequency (MHz)	Detector	Receiver Reading	A_T (dB)	A_{Factor} (dB@3m)	Max. Emission E (dB μ V/m)	Limit (dB μ V/m)	Verdict
		PK/ AV	U_R (dB μ V)					
1	2345.92	PK	23.36	6.74	27.20	57.30	74	PASS
1	2389.26	AV	10.53	6.74	27.20	44.47	54	PASS
13	2483.50	PK	25.03	6.74	27.20	58.97	74	PASS
13	2483.50	AV	16.02	6.74	27.20	49.96	54	PASS



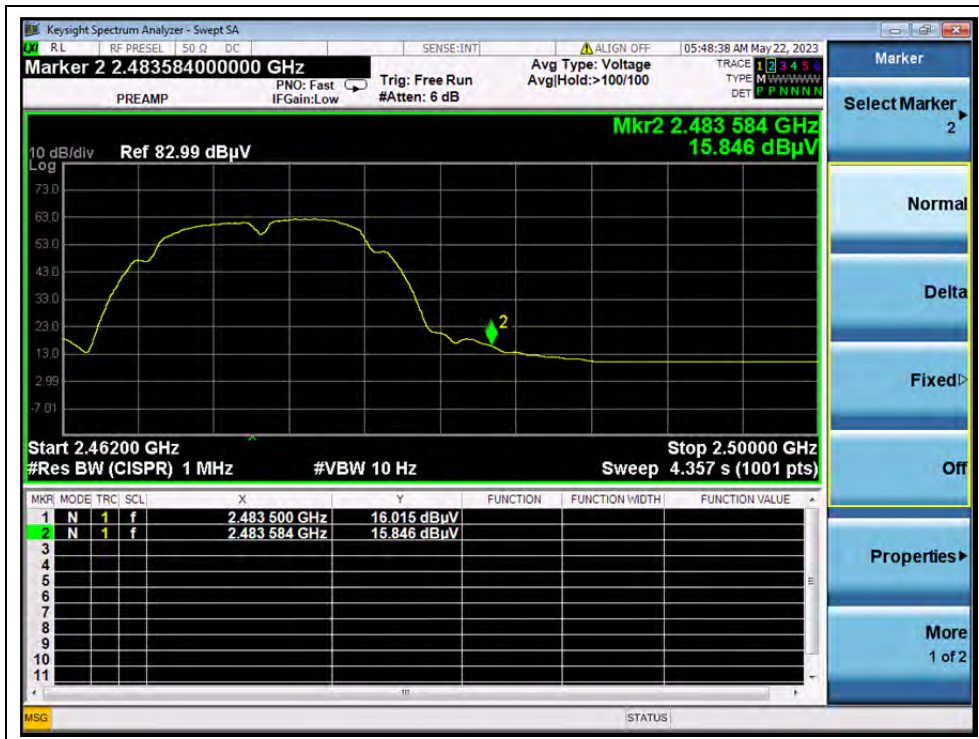
(PEAK, Channel 1, 802.11b)



(AVERAGE, Channel 1, 802.11b)



(PEAK, Channel 13, 802.11b)

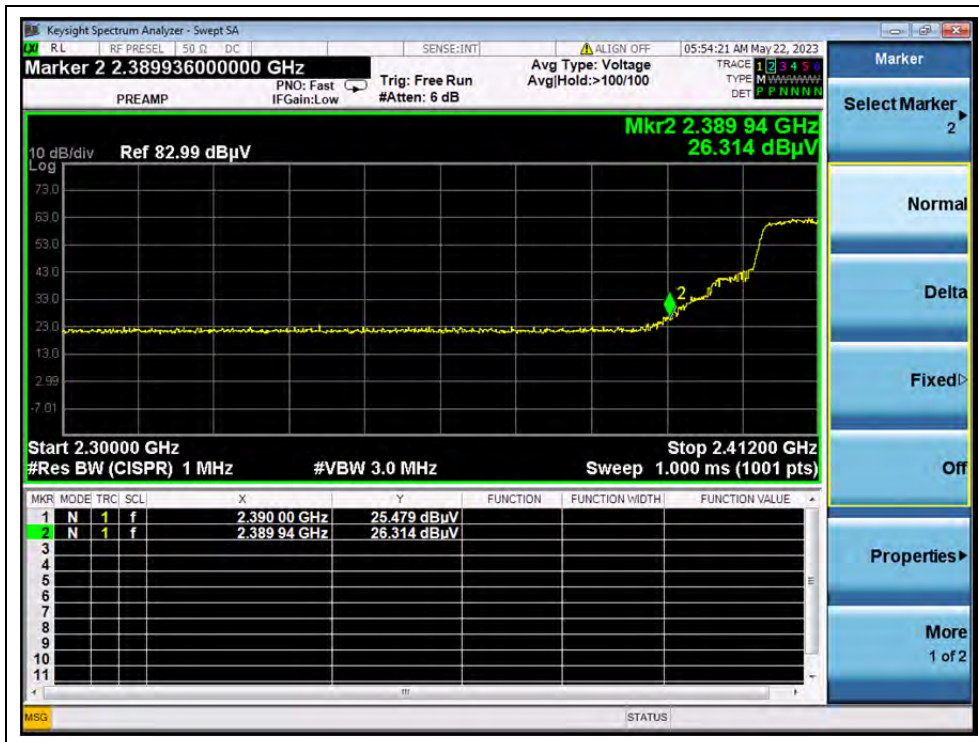


(AVERAGE, Channel 13, 802.11b)

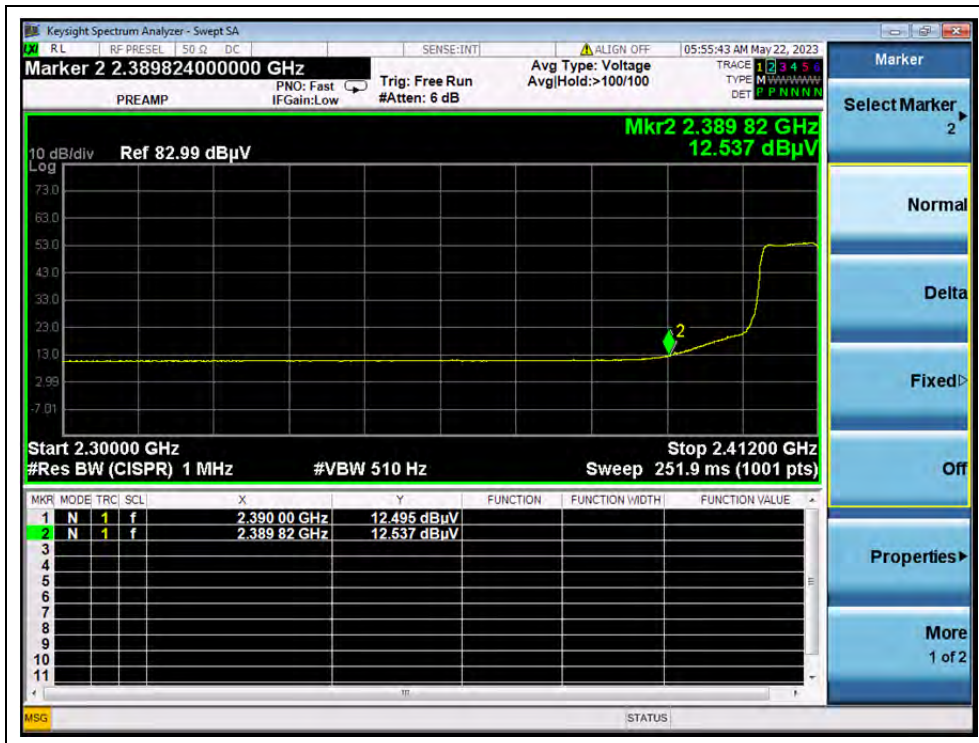


802.11g Mode

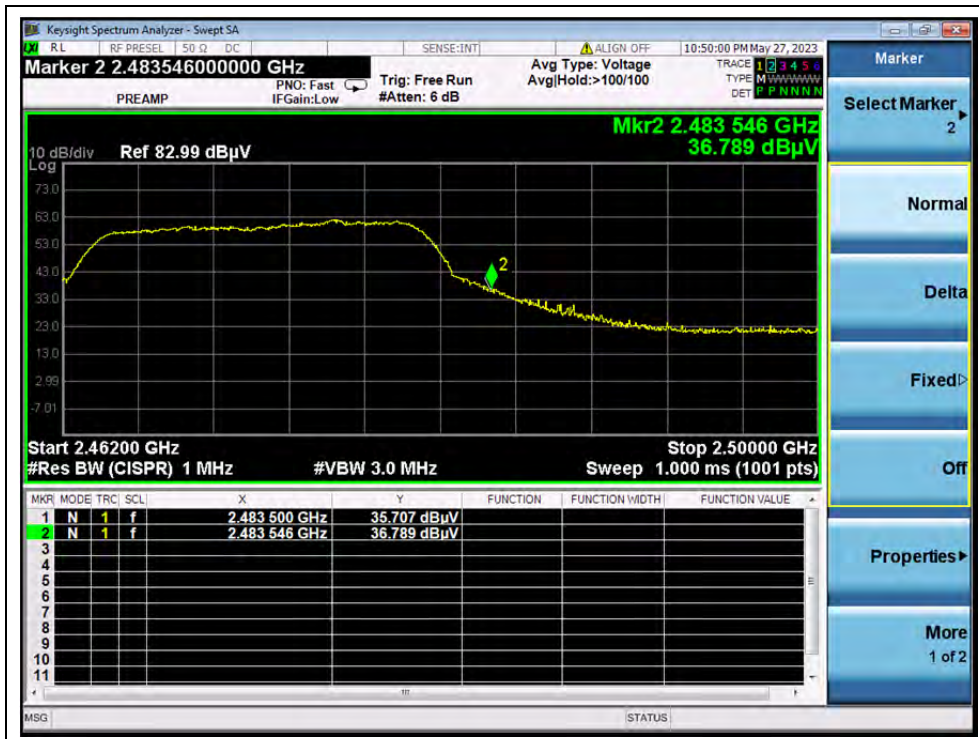
Channel	Frequency (MHz)	Detector	Receiver Reading	A _T (dB)	A _{Factor} (dB@3m)	Max. Emission E (dBμV/m)	Limit (dBμV/m)	Verdict
		PK/ AV	U _R (dBμV)					
1	2389.94	PK	26.31	6.74	27.20	60.25	74	PASS
1	2389.82	AV	12.54	6.74	27.20	46.48	54	PASS
13	2483.55	PK	36.79	6.74	27.20	70.73	74	PASS
13	2483.50	AV	14.70	6.74	27.20	48.64	54	PASS



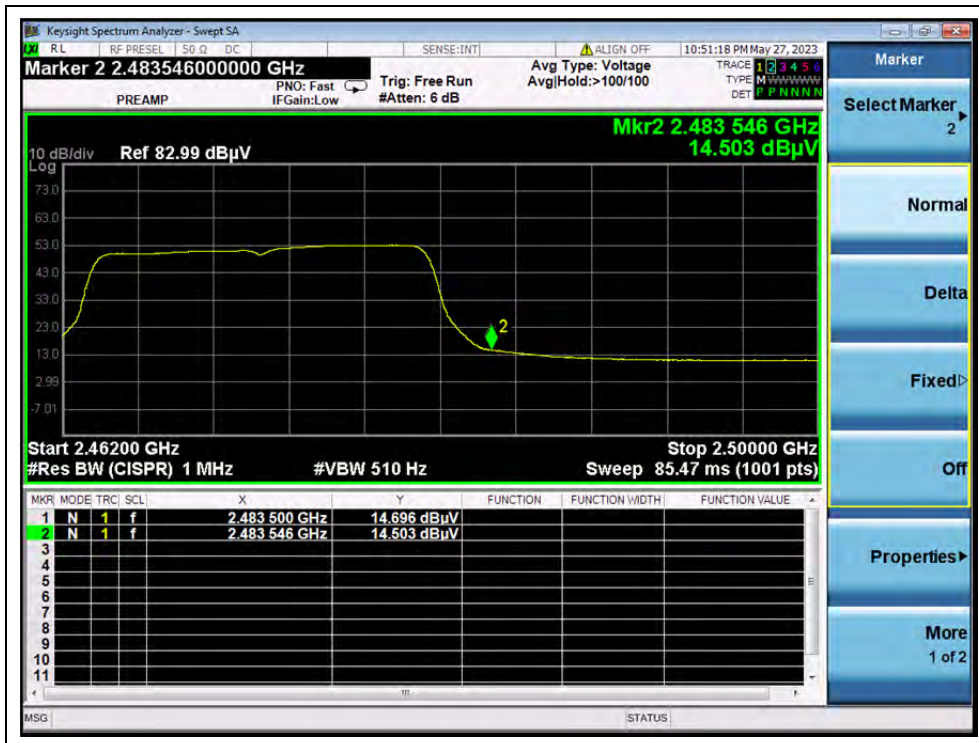
(PEAK, Channel 1, 802.11g)



(AVERAGE, Channel 1, 802.11g)



(PEAK, Channel 13, 802.11g)

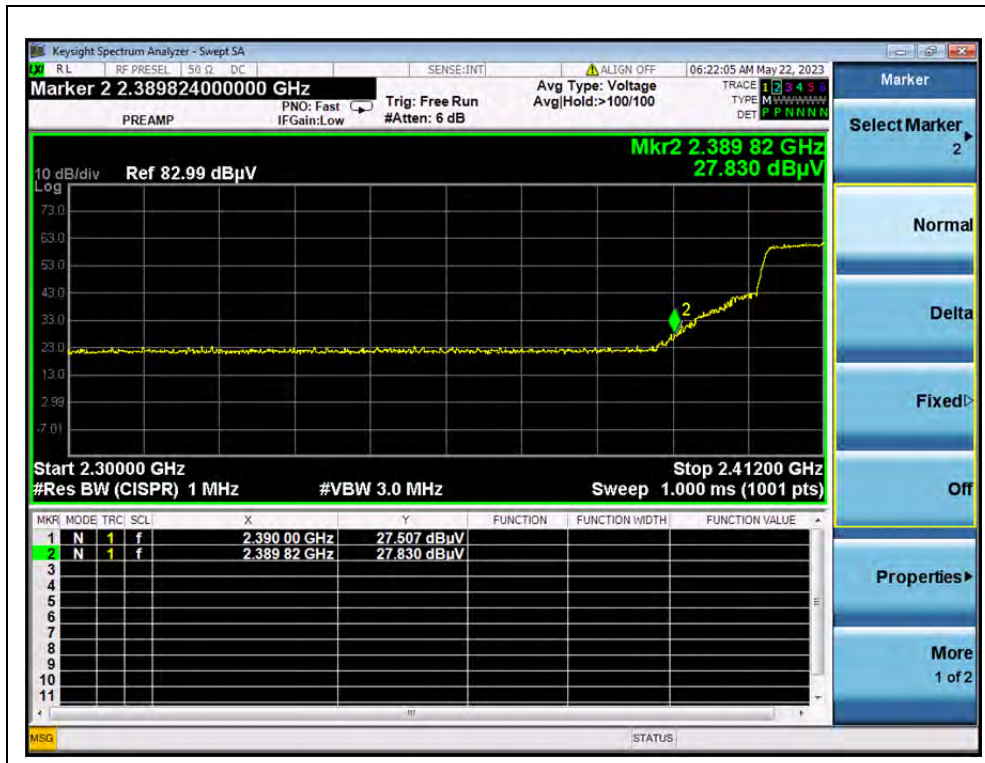


(AVERAGE, Channel 13, 802.11g)

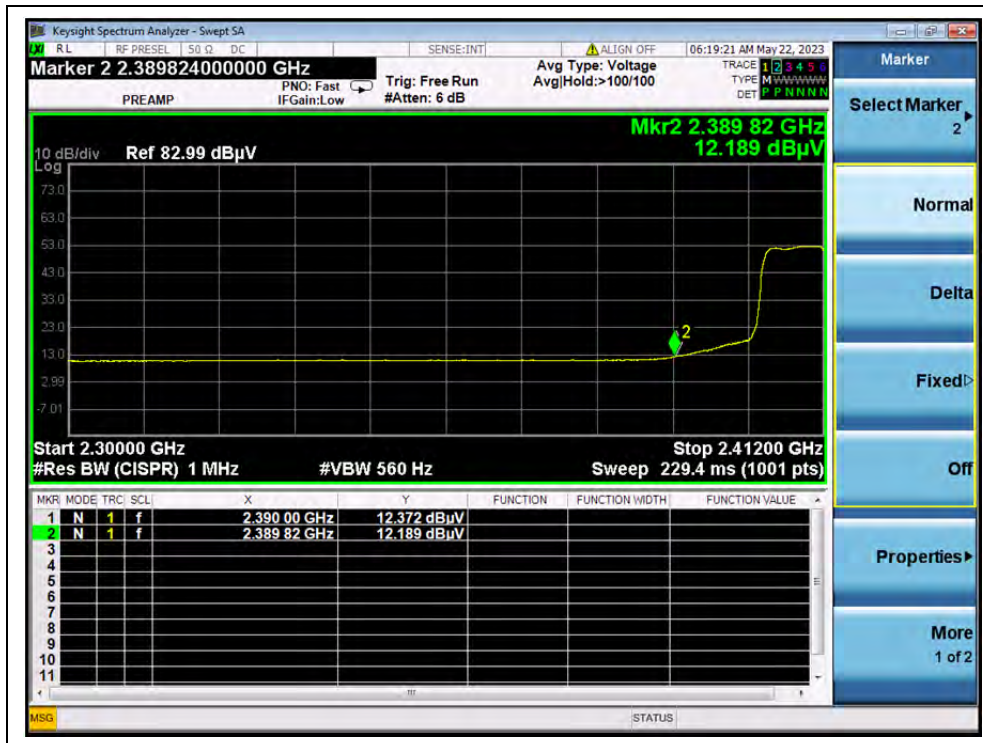


802.11n(HT20) Mode

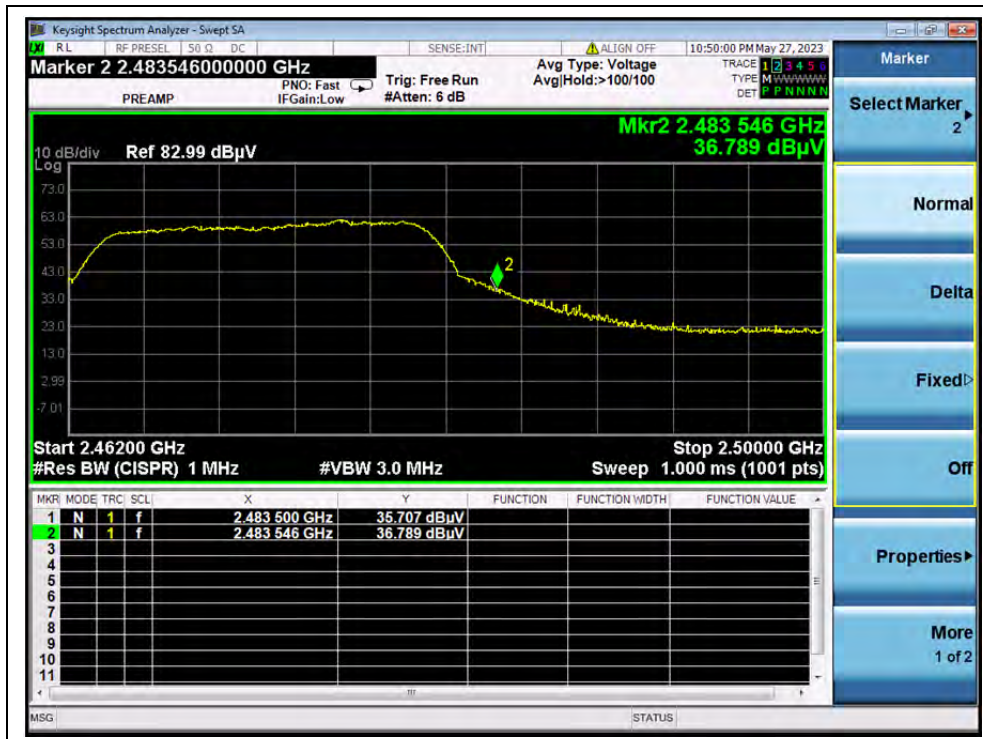
Channel	Frequency (MHz)	Detector	Receiver Reading	A _T (dB)	A _{Factor} (dB@3m)	Max. Emission E (dBμV/m)	Limit (dBμV/m)	Verdict
		PK/ AV	U _R (dBμV)					
1	2389.82	PK	27.83	6.74	27.20	61.77	74	PASS
1	2390.00	AV	12.37	6.74	27.20	46.31	54	PASS
13	2483.50	PK	37.00	6.74	27.20	70.94	74	PASS
13	2483.50	AV	13.97	6.74	27.20	47.91	54	PASS



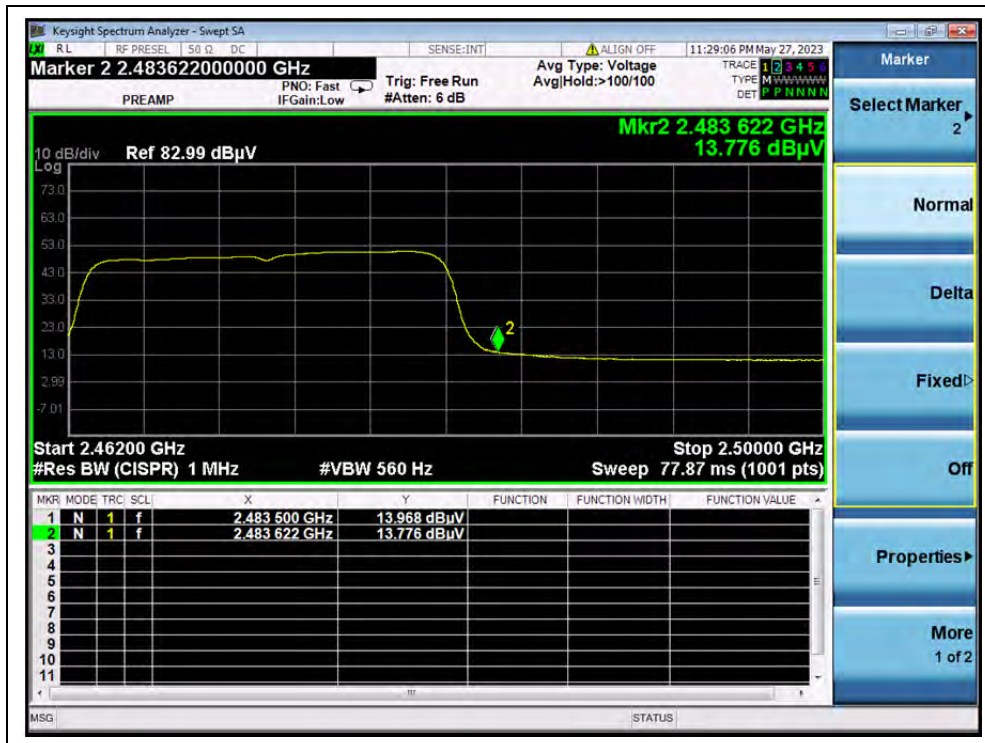
(PEAK, Channel 1, 802.11n(HT20))



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



(PEAK, Channel 13, 802.11n(HT20))

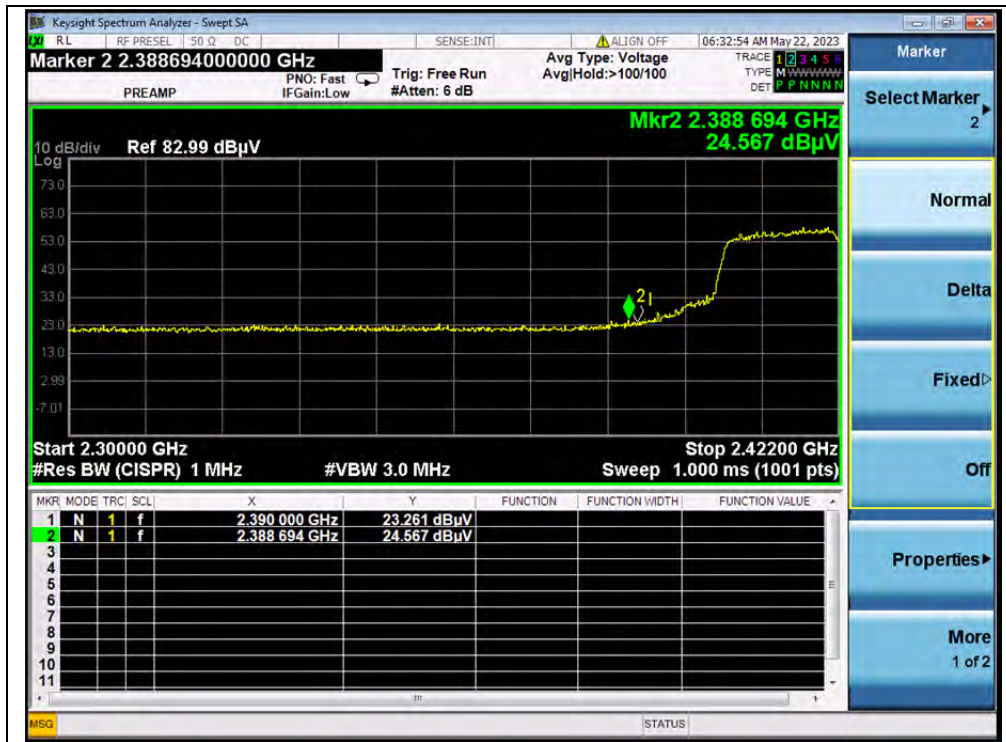


(AVERAGE, Channel 13, 802.11n(HT20))

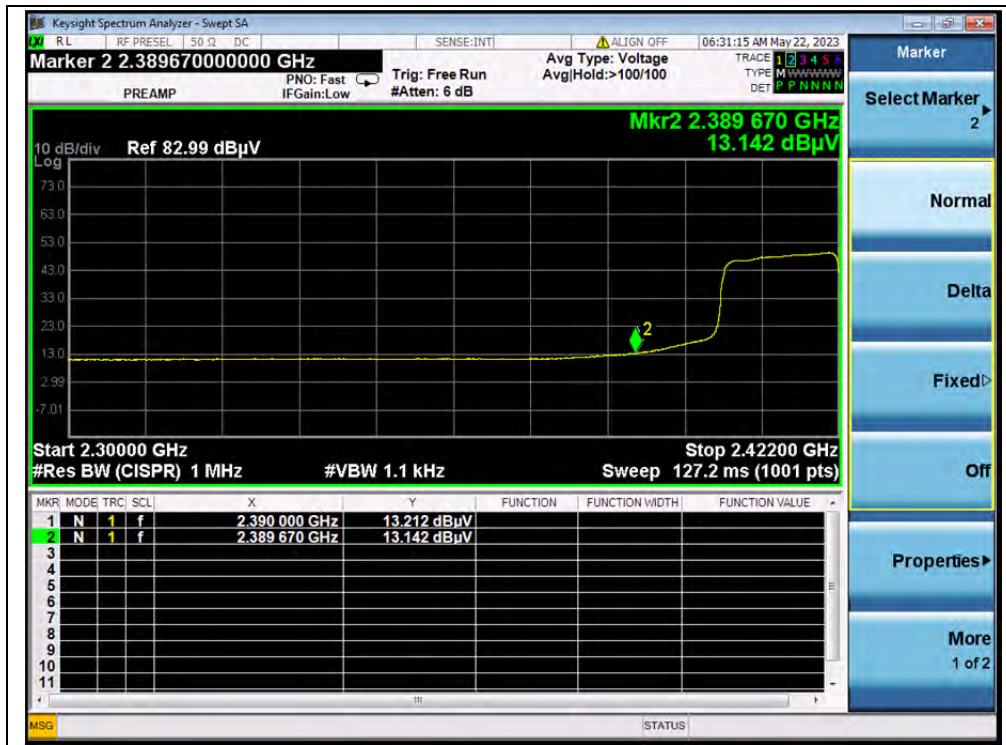


802.11n(HT40) Mode

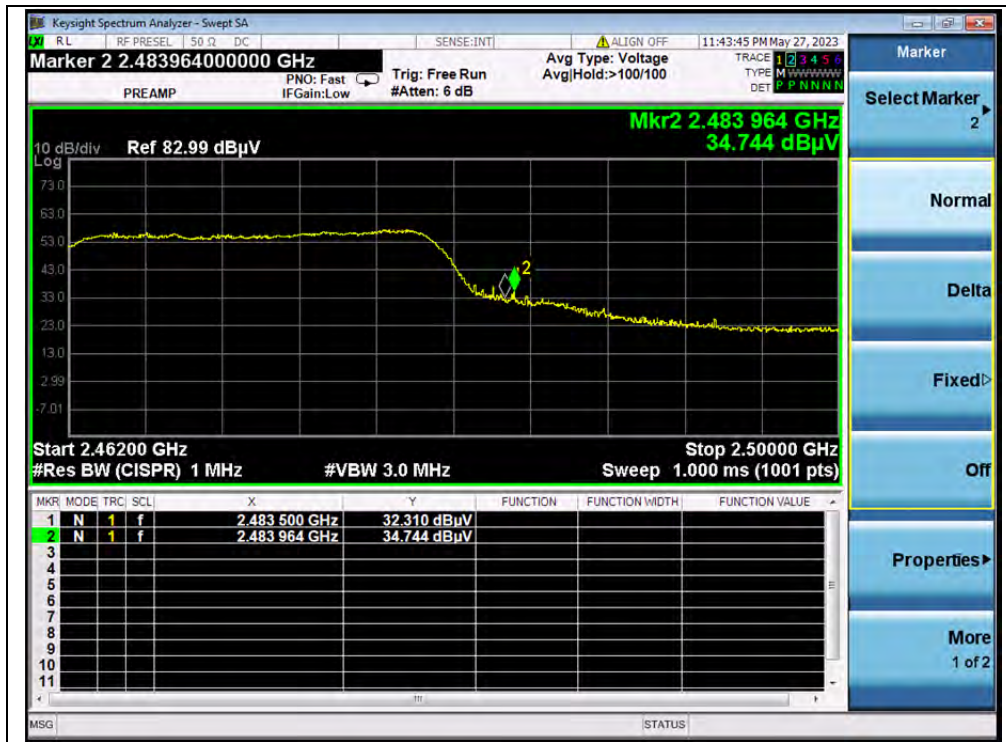
Channel	Frequency (MHz)	Detector	Receiver Reading U_R (dB μ V)	A_T (dB)	A_{Factor} (dB@3m)	Max. Emission E (dB μ V/m)	Limit (dB μ V/m)	Verdict
		PK/ AV						
3	2388.69	PK	24.57	6.74	27.20	58.51	74	PASS
3	2390.00	AV	13.21	6.74	27.20	47.15	54	PASS
11	2483.96	PK	34.74	6.74	27.20	68.68	74	PASS
11	2483.62	AV	16.62	6.74	27.20	50.56	54	PASS



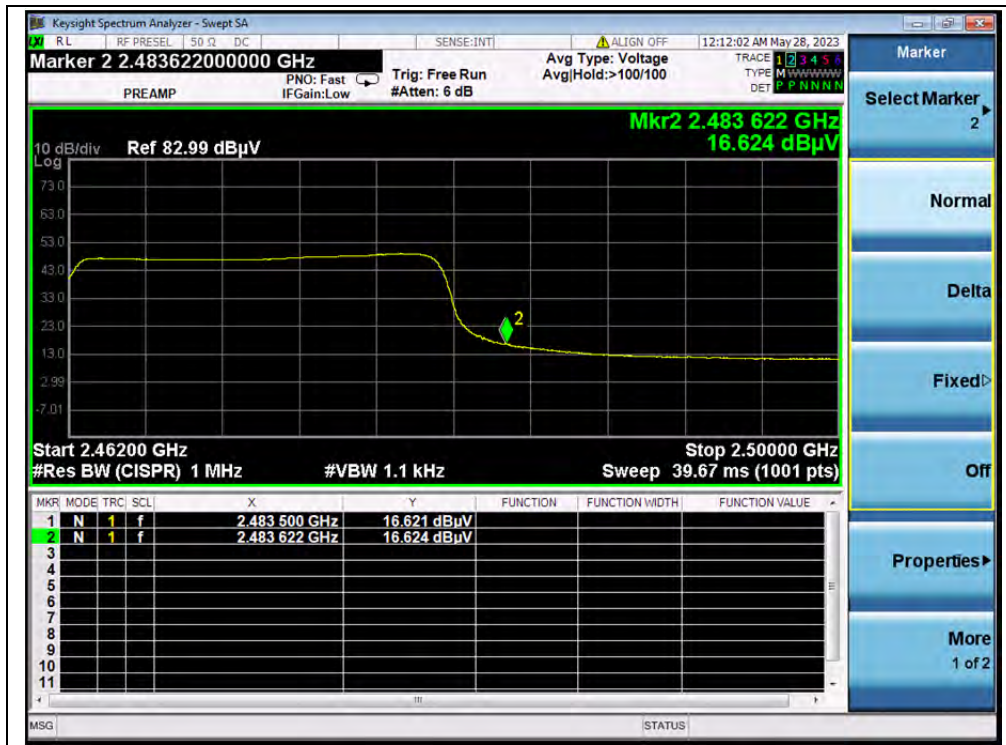
(PEAK, Channel 3, 802.11n(HT40))



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



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



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



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. And only the worst axis test condition was recorded in this test report.

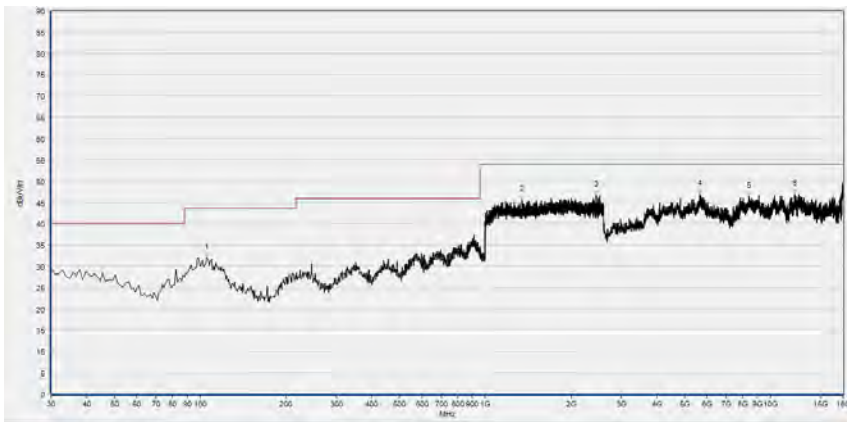
Note2: For the frequency, which started from 9kHz to 30MHz, was pre-scanned and the result which was 20dB lower than the limit was not recorded.

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.



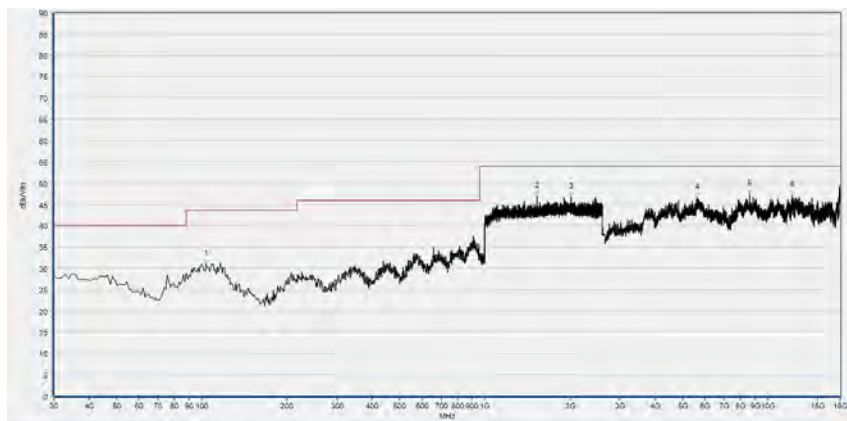
802.11b Mode

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
105.660	31.98	N/A	N/A	N/A	43.50	N/A	Horizontal	PASS
1345.067	45.57	N/A	N/A	74.00	N/A	54.00	Horizontal	PASS
2450.133	46.76	N/A	N/A	74.00	N/A	54.00	Horizontal	PASS
5649.200	46.88	N/A	N/A	74.00	N/A	54.00	Horizontal	PASS
8418.120	46.48	N/A	N/A	74.00	N/A	54.00	Horizontal	PASS
12184.960	46.88	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	31.01	N/A	N/A	N/A	43.50	N/A	Vertical	PASS
1527.467	46.91	N/A	N/A	74.00	N/A	54.00	Vertical	PASS
2017.600	46.75	N/A	N/A	74.00	N/A	54.00	Vertical	PASS
5621.480	46.54	N/A	N/A	74.00	N/A	54.00	Vertical	PASS
8587.520	47.50	N/A	N/A	74.00	N/A	54.00	Vertical	PASS
12194.200	47.07	N/A	N/A	74.00	N/A	54.00	Vertical	PASS

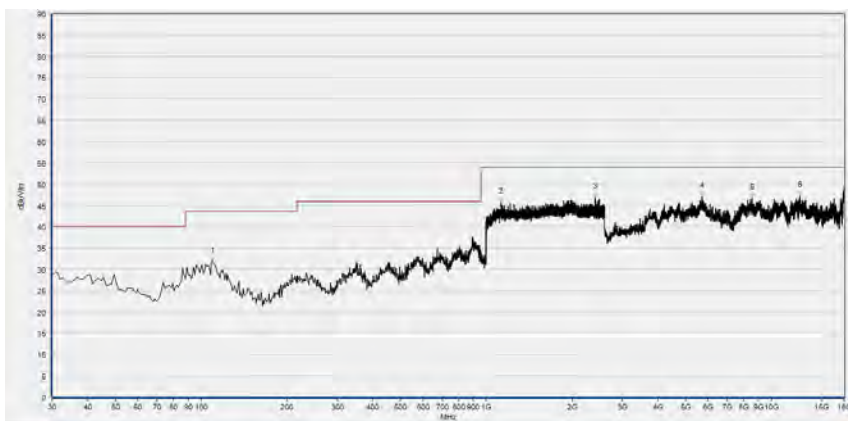
(Antenna Vertical, 30MHz to 18GHz)

Plot for Channel7



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	31.41	N/A	N/A	N/A	43.50	N/A	Horizontal	PASS
1276.267	46.15	N/A	N/A	74.00	N/A	54.00	Horizontal	PASS
2037.867	46.12	N/A	N/A	74.00	N/A	54.00	Horizontal	PASS
5402.800	46.26	N/A	N/A	74.00	N/A	54.00	Horizontal	PASS
8411.960	47.47	N/A	N/A	74.00	N/A	54.00	Horizontal	PASS
10999.160	47.16	N/A	N/A	74.00	N/A	54.00	Horizontal	PASS

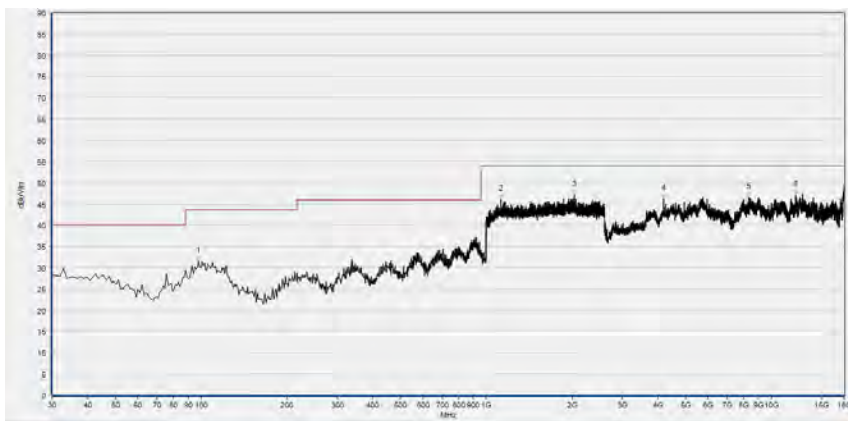
(Antenna Horizontal, 30MHz to18GHz)



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	31.88	N/A	N/A	N/A	43.50	N/A	Vertical	PASS
1128.533	45.74	N/A	N/A	74.00	N/A	54.00	Vertical	PASS
2413.333	46.94	N/A	N/A	74.00	N/A	54.00	Vertical	PASS
5701.560	47.18	N/A	N/A	74.00	N/A	54.00	Vertical	PASS
8581.360	46.68	N/A	N/A	74.00	N/A	54.00	Vertical	PASS
12594.600	47.31	N/A	N/A	74.00	N/A	54.00	Vertical	PASS

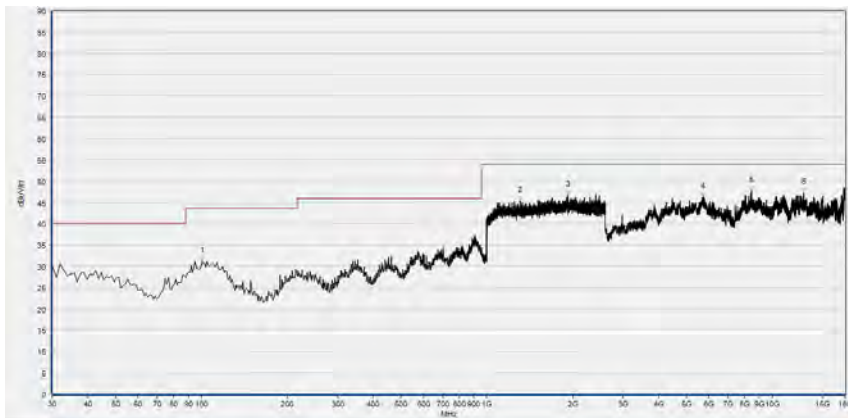
(Antenna Vertical, 30MHz to 18GHz)

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
97.900	31.47	N/A	N/A	N/A	43.50	N/A	Horizontal	PASS
1126.933	46.07	N/A	N/A	74.00	N/A	54.00	Horizontal	PASS
2040.533	47.06	N/A	N/A	74.00	N/A	54.00	Horizontal	PASS
4189.280	46.21	N/A	N/A	74.00	N/A	54.00	Horizontal	PASS
8294.920	46.57	N/A	N/A	74.00	N/A	54.00	Horizontal	PASS
12148.000	47.10	N/A	N/A	74.00	N/A	54.00	Horizontal	PASS

(Antenna Horizontal, 30MHz to 18GHz)

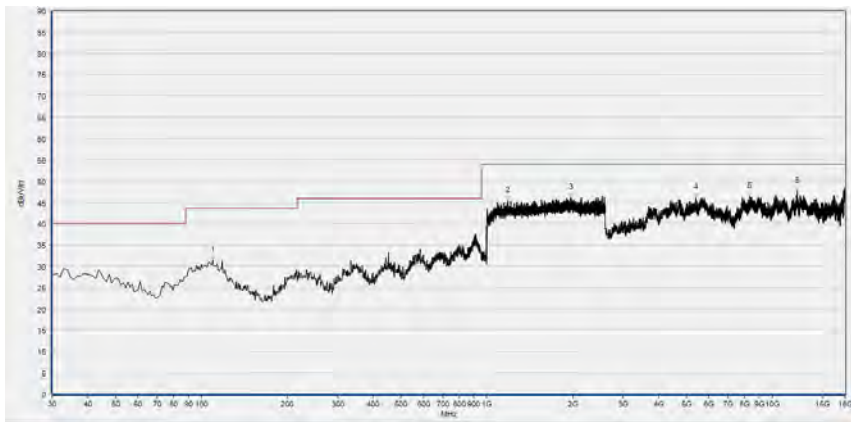


Fre. (MHz)	PK (dBμV/m)	QP (dBμV/m)	AV (dBμV/m)	Limit-PK (dBμV/m)	Limit-QP (dBμV/m)	Limit-AV (dBμV/m)	Antenna	Verdict
100.810	31.12	N/A	N/A	N/A	43.50	N/A	Vertical	PASS
1310.933	45.40	N/A	N/A	74.00	N/A	54.00	Vertical	PASS
1924.800	46.72	N/A	N/A	74.00	N/A	54.00	Vertical	PASS
5710.800	46.22	N/A	N/A	74.00	N/A	54.00	Vertical	PASS
8439.680	47.79	N/A	N/A	74.00	N/A	54.00	Vertical	PASS
12899.520	47.33	N/A	N/A	74.00	N/A	54.00	Vertical	PASS

(Antenna Vertical, 30MHz to 18GHz)

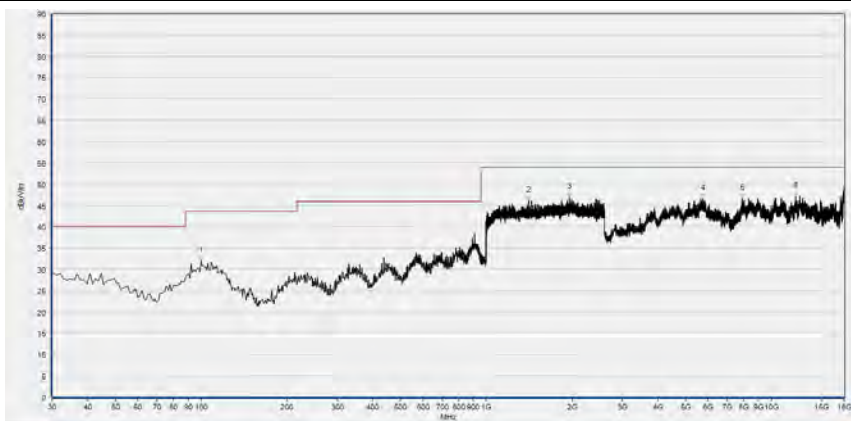
802.11g Mode

Plot for Channel1



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	31.37	N/A	N/A	N/A	43.50	N/A	Horizontal	PASS
1185.067	45.49	N/A	N/A	74.00	N/A	54.00	Horizontal	PASS
1964.800	46.17	N/A	N/A	74.00	N/A	54.00	Horizontal	PASS
5396.640	46.10	N/A	N/A	74.00	N/A	54.00	Horizontal	PASS
8322.640	46.37	N/A	N/A	74.00	N/A	54.00	Horizontal	PASS
12206.520	47.62	N/A	N/A	74.00	N/A	54.00	Horizontal	PASS

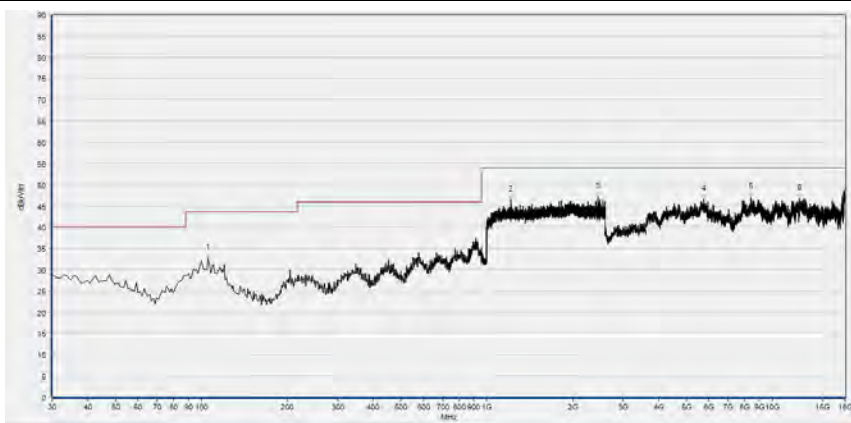
(Antenna Horizontal, 30MHz to 18GHz)



Fre. (MHz)	PK (dBμV/m)	QP (dBμV/m)	AV (dBμV/m)	Limit-PK (dBμV/m)	Limit-QP (dBμV/m)	Limit-AV (dBμV/m)	Antenna	Verdict
99.840	32.07	N/A	N/A	N/A	43.50	N/A	Vertical	PASS
1410.667	46.09	N/A	N/A	74.00	N/A	54.00	Vertical	PASS
1961.600	46.86	N/A	N/A	74.00	N/A	54.00	Vertical	PASS
5757.000	46.57	N/A	N/A	74.00	N/A	54.00	Vertical	PASS
7909.920	46.67	N/A	N/A	74.00	N/A	54.00	Vertical	PASS
12144.920	47.07	N/A	N/A	74.00	N/A	54.00	Vertical	PASS

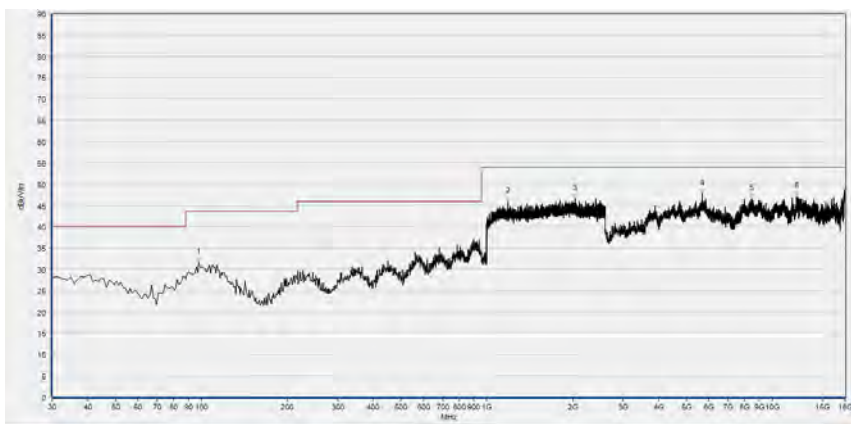
(Antenna Vertical, 30MHz to 18GHz)

Plot for Channel7



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	32.60	N/A	N/A	N/A	43.50	N/A	Horizontal	PASS
1216.533	46.47	N/A	N/A	74.00	N/A	54.00	Horizontal	PASS
2457.600	47.01	N/A	N/A	74.00	N/A	54.00	Horizontal	PASS
5738.520	46.64	N/A	N/A	74.00	N/A	54.00	Horizontal	PASS
8415.040	47.06	N/A	N/A	74.00	N/A	54.00	Horizontal	PASS
12471.400	46.73	N/A	N/A	74.00	N/A	54.00	Horizontal	PASS

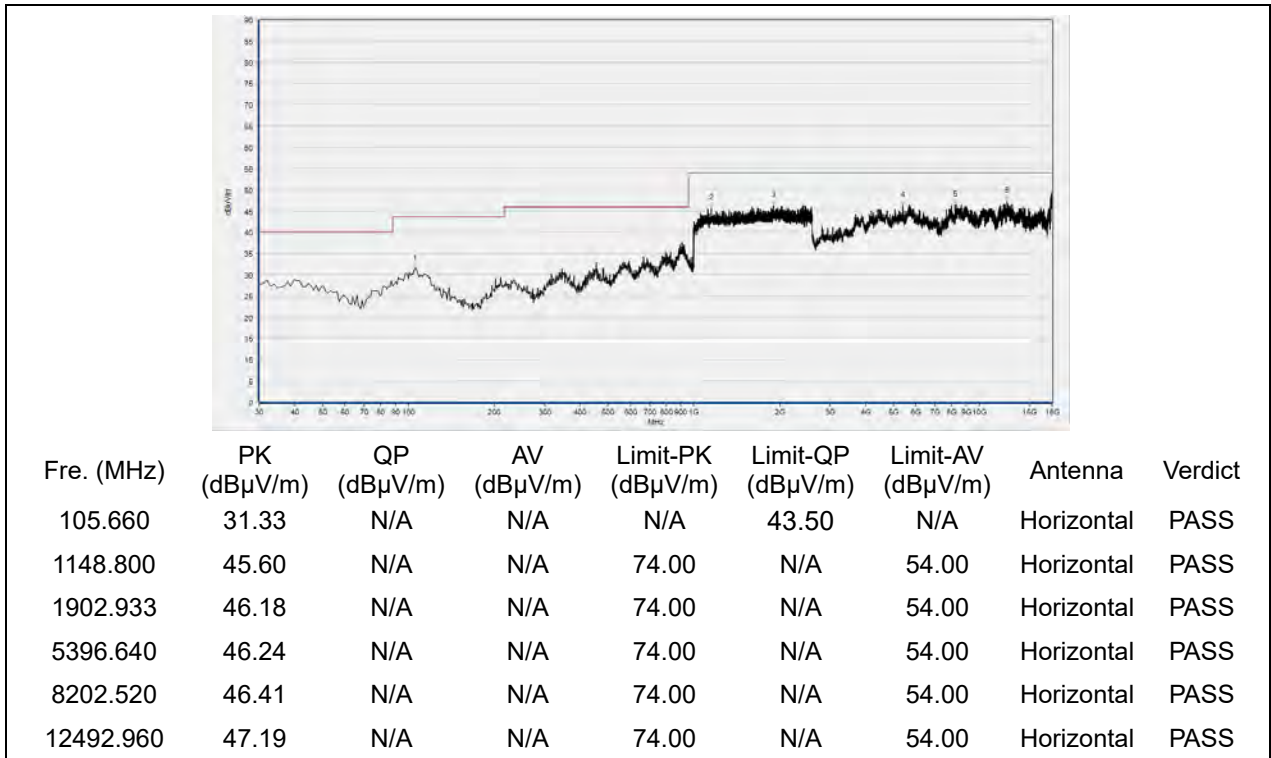
(Antenna Horizontal, 30MHz to 18GHz)



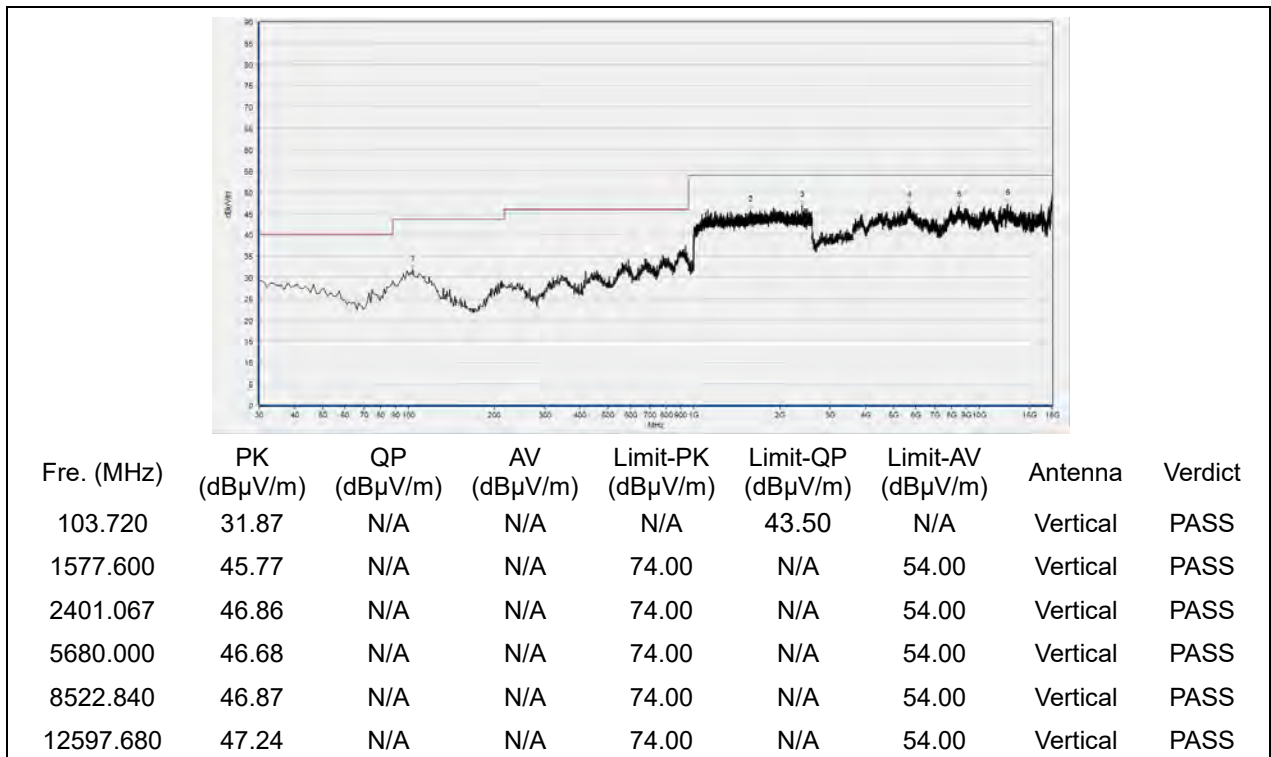
Fre. (MHz)	PK (dBµV/m)	QP (dBµV/m)	AV (dBµV/m)	Limit-PK (dBµV/m)	Limit-QP (dBµV/m)	Limit-AV (dBµV/m)	Antenna	Verdict
97.900	31.74	N/A	N/A	N/A	43.50	N/A	Vertical	PASS
1188.267	45.87	N/A	N/A	74.00	N/A	54.00	Vertical	PASS
2043.733	46.53	N/A	N/A	74.00	N/A	54.00	Vertical	PASS
5680.000	47.81	N/A	N/A	74.00	N/A	54.00	Vertical	PASS
8458.160	46.64	N/A	N/A	74.00	N/A	54.00	Vertical	PASS
12144.920	47.08	N/A	N/A	74.00	N/A	54.00	Vertical	PASS

(Antenna Vertical, 30MHz to 18GHz)

Plot for Channel 13



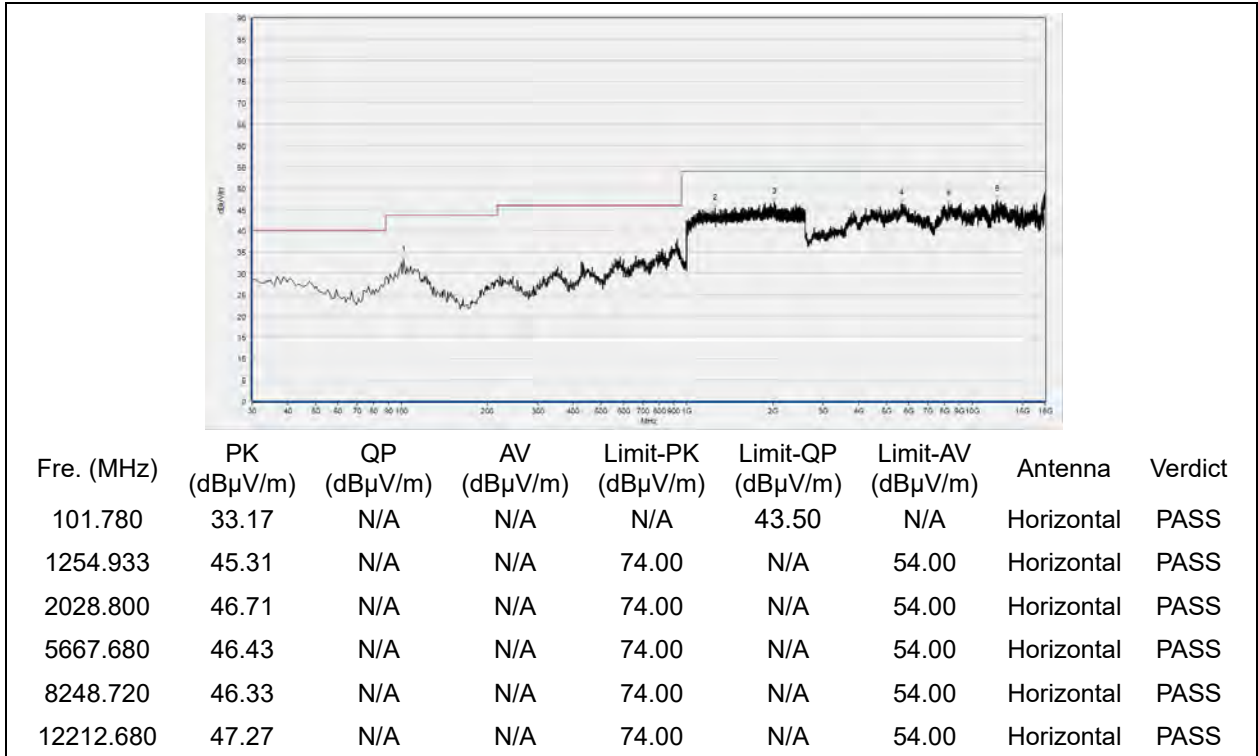
(Antenna Horizontal, 30MHz to 18GHz)



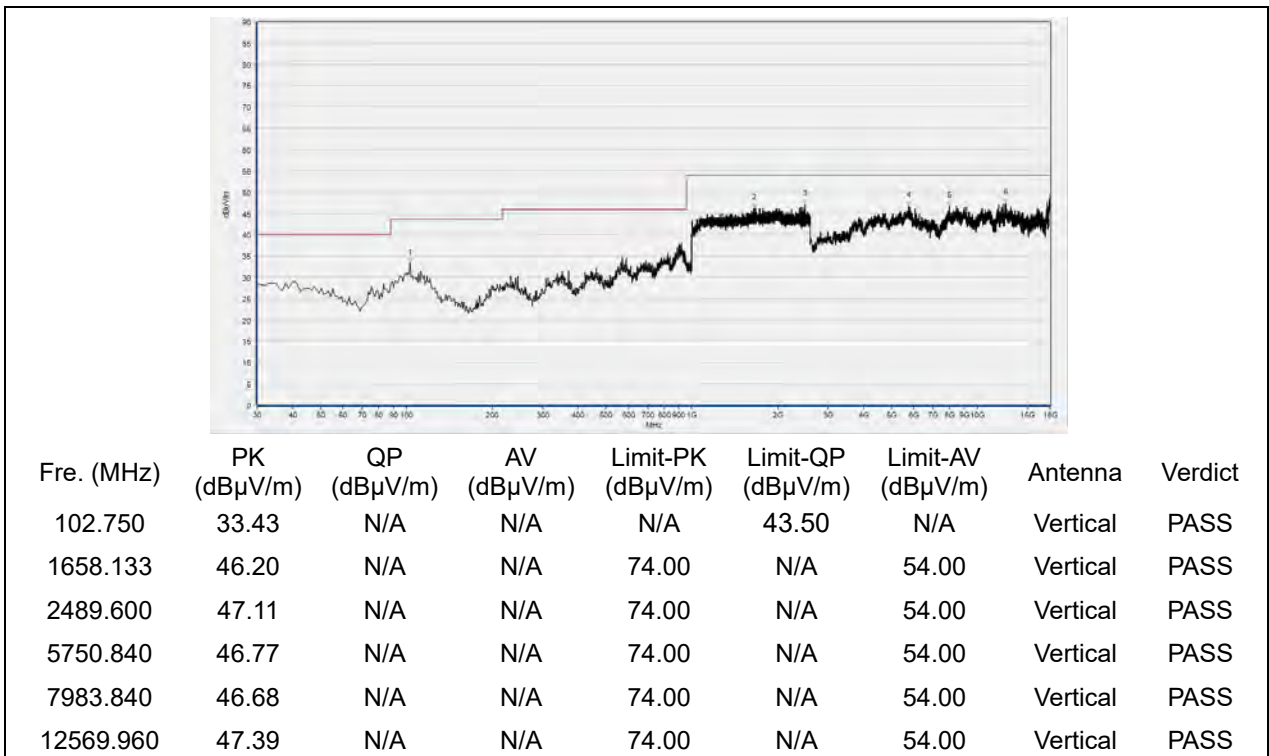
(Antenna Vertical, 30MHz to 18GHz)

802.11n (HT20)Mode

Plot for Channel 1

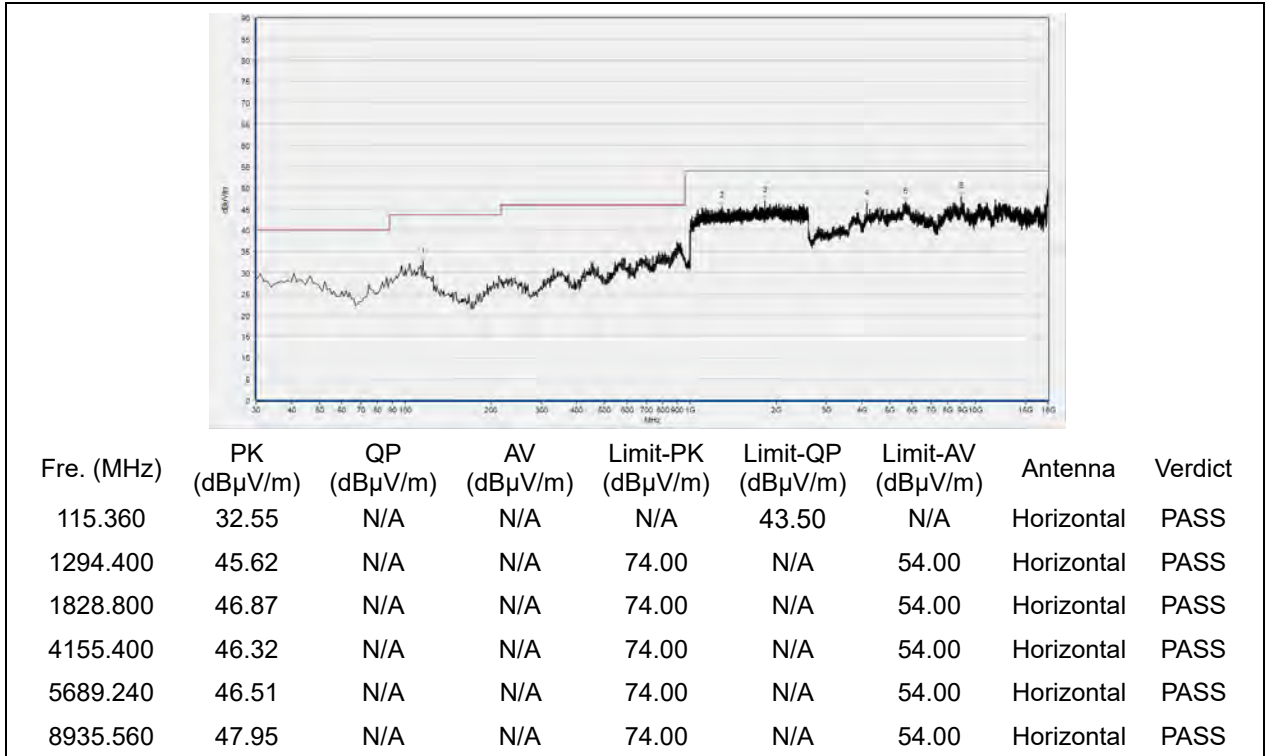


(Antenna Horizontal, 30MHz to 18GHz)

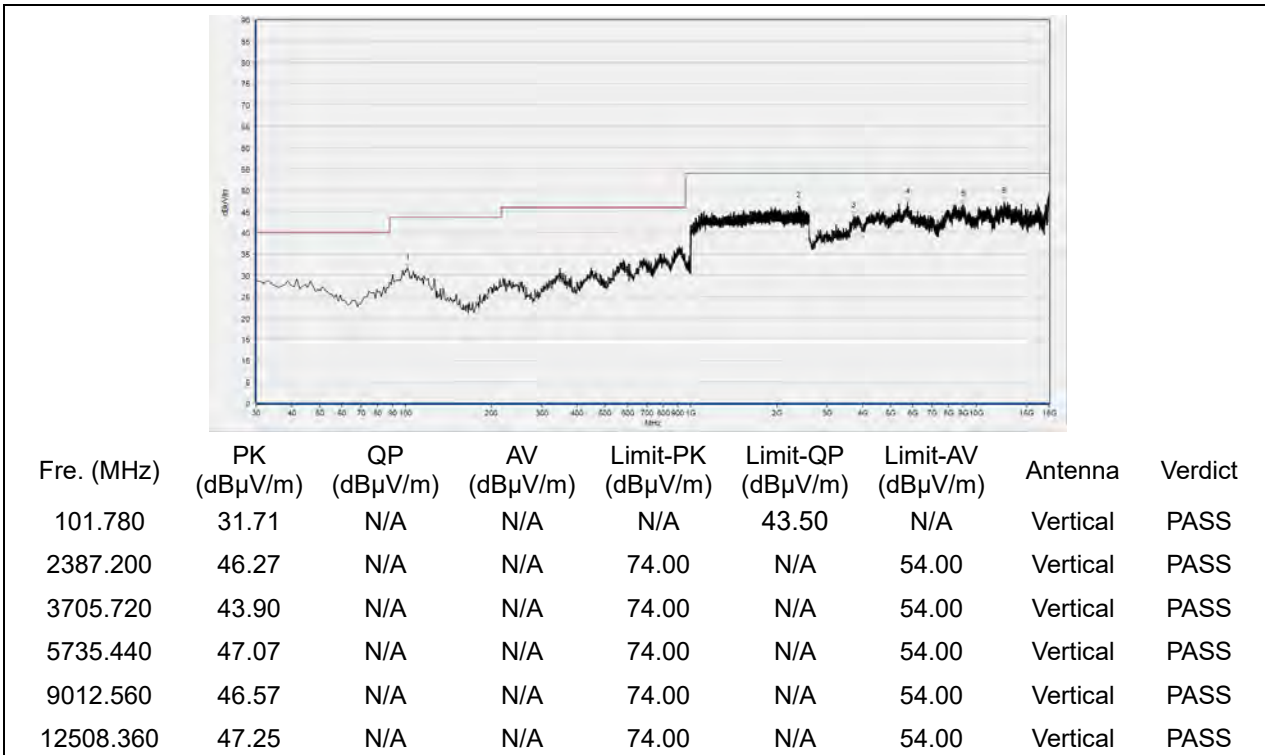


(Antenna Vertical, 30MHz to 18GHz)

Plot for Channel7

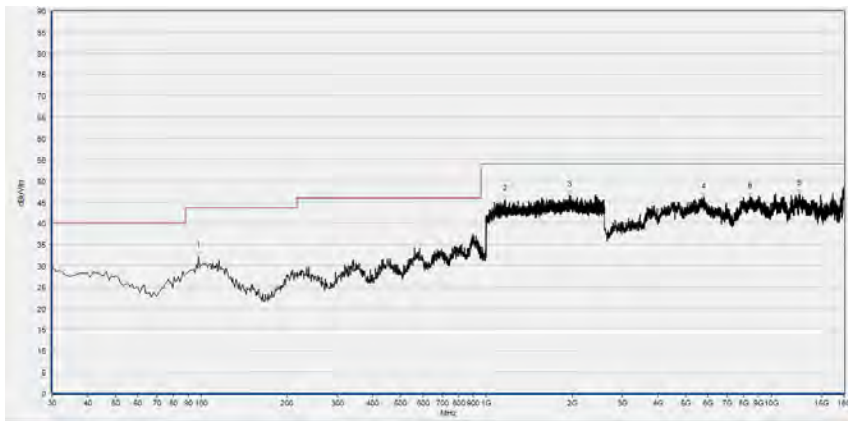


(Antenna Horizontal, 30MHz to 18GHz)



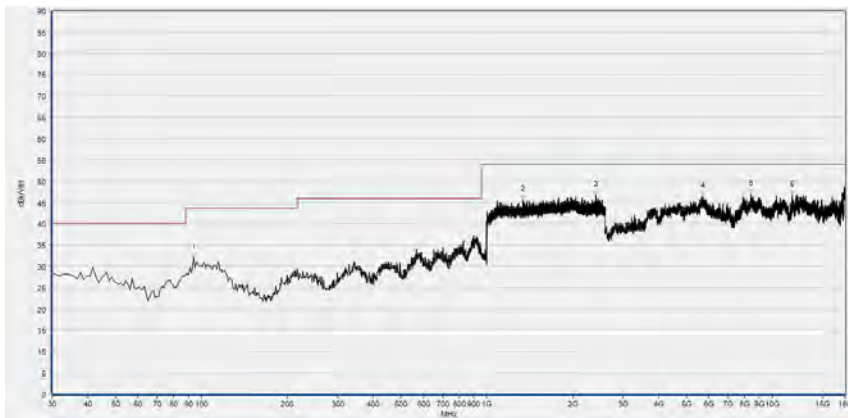
(Antenna Vertical, 30MHz to 18GHz)

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
97.900	32.13	N/A	N/A	N/A	43.50	N/A	Horizontal	PASS
1166.933	45.56	N/A	N/A	74.00	N/A	54.00	Horizontal	PASS
1958.400	46.62	N/A	N/A	74.00	N/A	54.00	Horizontal	PASS
5800.120	46.12	N/A	N/A	74.00	N/A	54.00	Horizontal	PASS
8427.360	46.17	N/A	N/A	74.00	N/A	54.00	Horizontal	PASS
12517.600	46.93	N/A	N/A	74.00	N/A	54.00	Horizontal	PASS

(Antenna Horizontal, 30MHz to 18GHz)



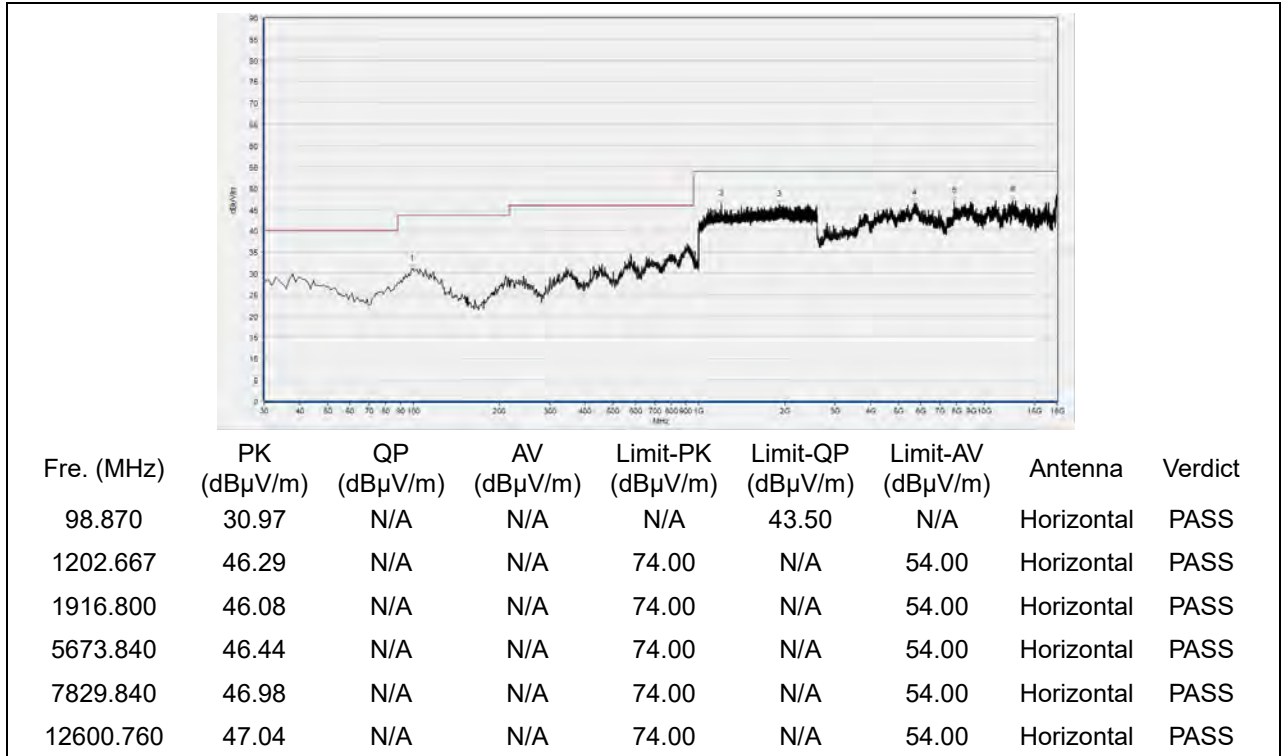
Fre. (MHz)	PK (dBμV/m)	QP (dBμV/m)	AV (dBμV/m)	Limit-PK (dBμV/m)	Limit-QP (dBμV/m)	Limit-AV (dBμV/m)	Antenna	Verdict
94.020	31.98	N/A	N/A	N/A	43.50	N/A	Vertical	PASS
1339.733	45.61	N/A	N/A	74.00	N/A	54.00	Vertical	PASS
2410.133	46.68	N/A	N/A	74.00	N/A	54.00	Vertical	PASS
5710.800	46.43	N/A	N/A	74.00	N/A	54.00	Vertical	PASS
8433.520	46.95	N/A	N/A	74.00	N/A	54.00	Vertical	PASS
11753.760	46.74	N/A	N/A	74.00	N/A	54.00	Vertical	PASS

(Antenna Vertical, 30MHz to 18GHz)

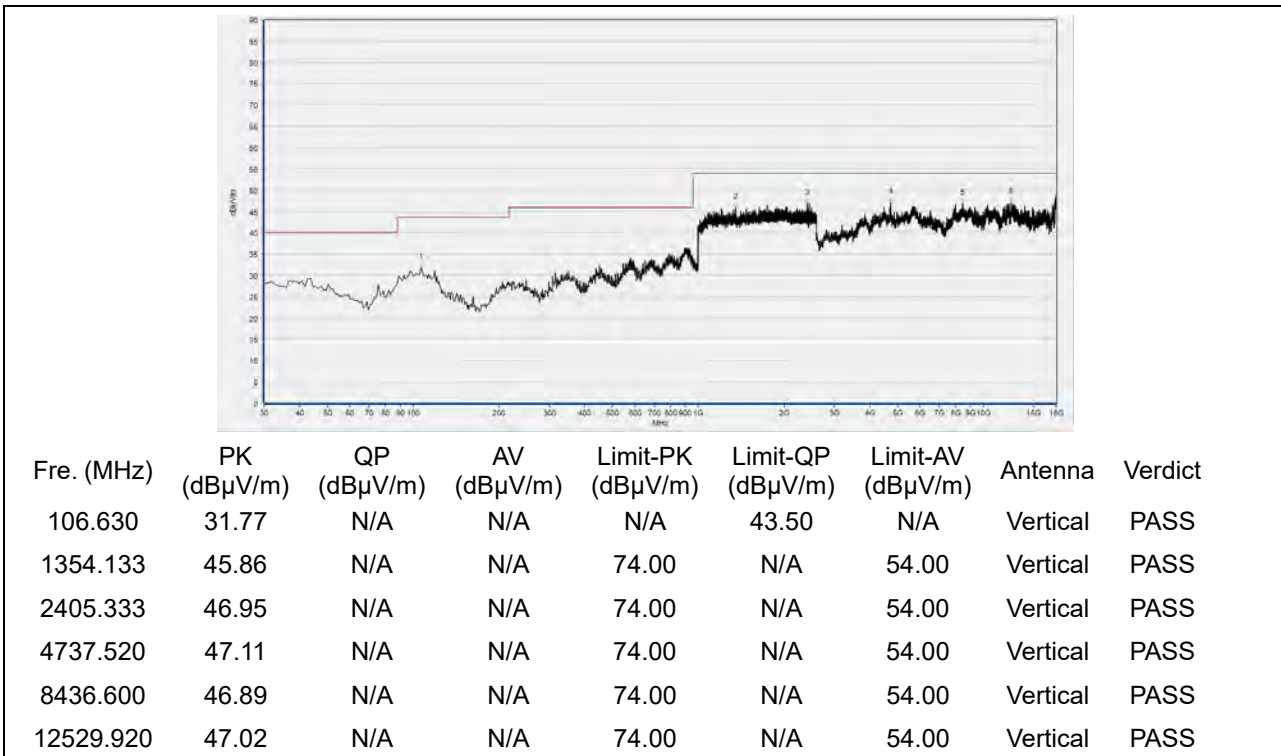


802.11n(HT40) Mode

Plot for Channel 3

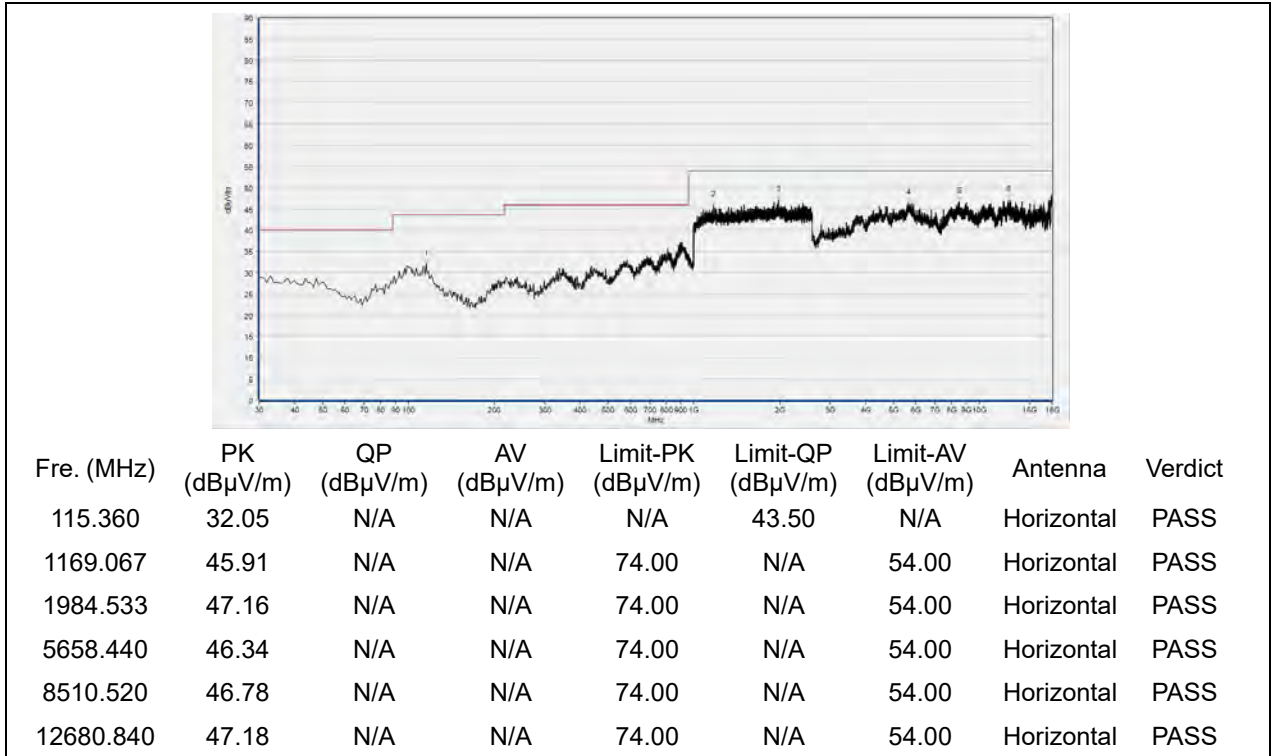


(Antenna Horizontal, 30MHz to 18GHz)

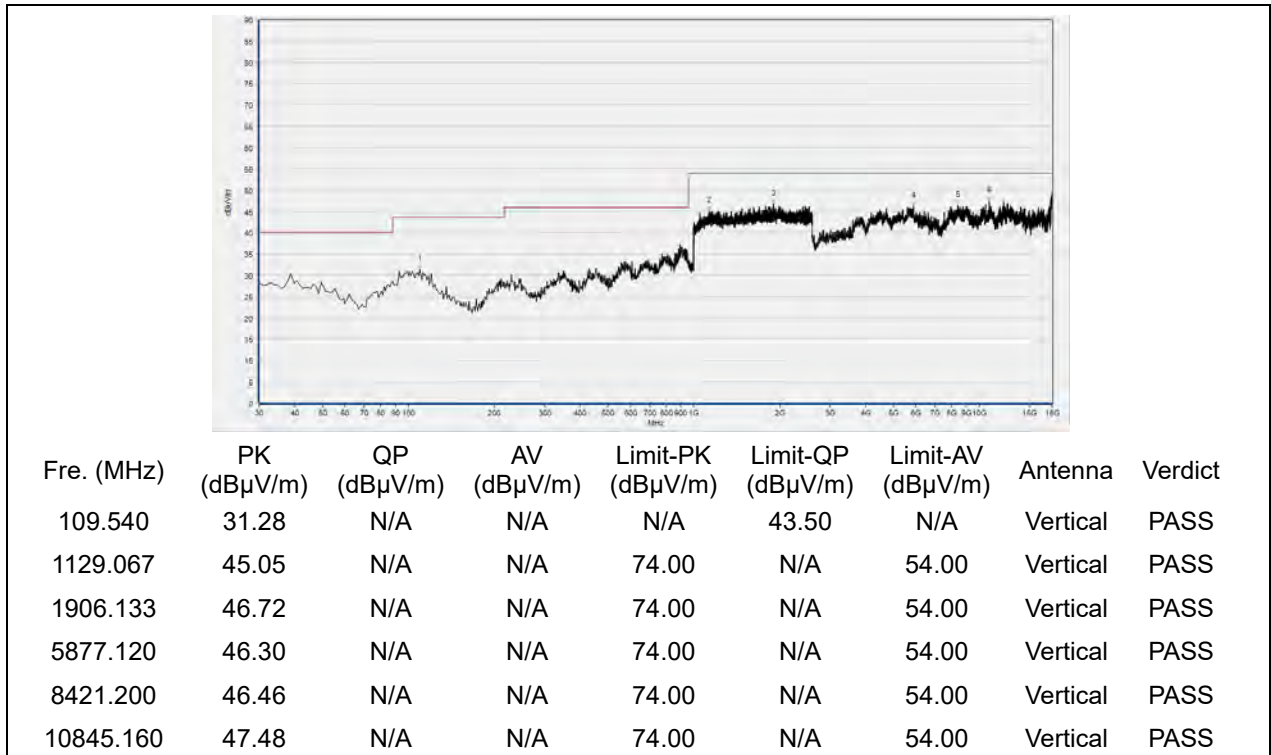


(Antenna Vertical, 30MHz to 18GHz)

Plot for Channel 7

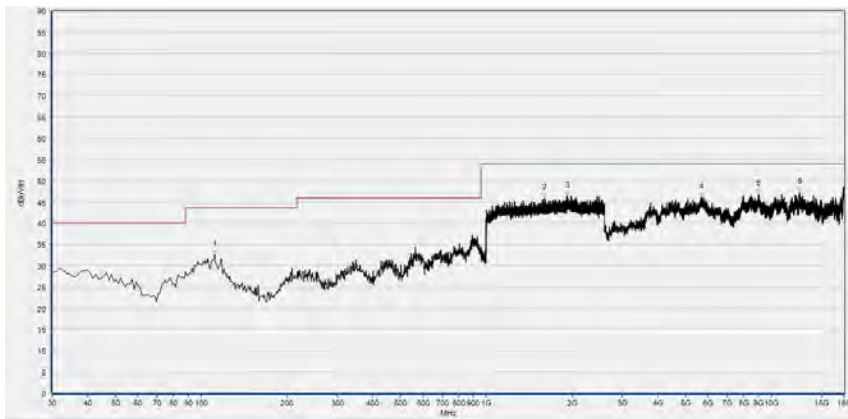


(Antenna Horizontal, 30MHz to 18GHz)



(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
111.480	32.53	N/A	N/A	N/A	46.00	N/A	Horizontal	PASS
1602.133	45.97	N/A	N/A	74.00	N/A	54.00	Horizontal	PASS
1920.000	46.36	N/A	N/A	74.00	N/A	54.00	Horizontal	PASS
5670.760	46.09	N/A	N/A	74.00	N/A	54.00	Horizontal	PASS
8991.000	46.99	N/A	N/A	74.00	N/A	54.00	Horizontal	PASS
12569.960	47.21	N/A	N/A	74.00	N/A	54.00	Horizontal	PASS

(Antenna Horizontal, 30MHz to 18GHz)



Fre. (MHz)	PK (dBμV/m)	QP (dBμV/m)	AV (dBμV/m)	Limit-PK (dBμV/m)	Limit-QP (dBμV/m)	Limit-AV (dBμV/m)	Antenna	Verdict
109.540	31.82	N/A	N/A	N/A	43.50	N/A	Vertical	PASS
1420.800	45.68	N/A	N/A	74.00	N/A	54.00	Vertical	PASS
1910.933	46.73	N/A	N/A	74.00	N/A	54.00	Vertical	PASS
5673.840	46.69	N/A	N/A	74.00	N/A	54.00	Vertical	PASS
8606.000	46.43	N/A	N/A	74.00	N/A	54.00	Vertical	PASS
12154.160	46.98	N/A	N/A	74.00	N/A	54.00	Vertical	PASS

(Antenna Vertical, 30MHz to 18GHz)

————— END OF REPORT —————