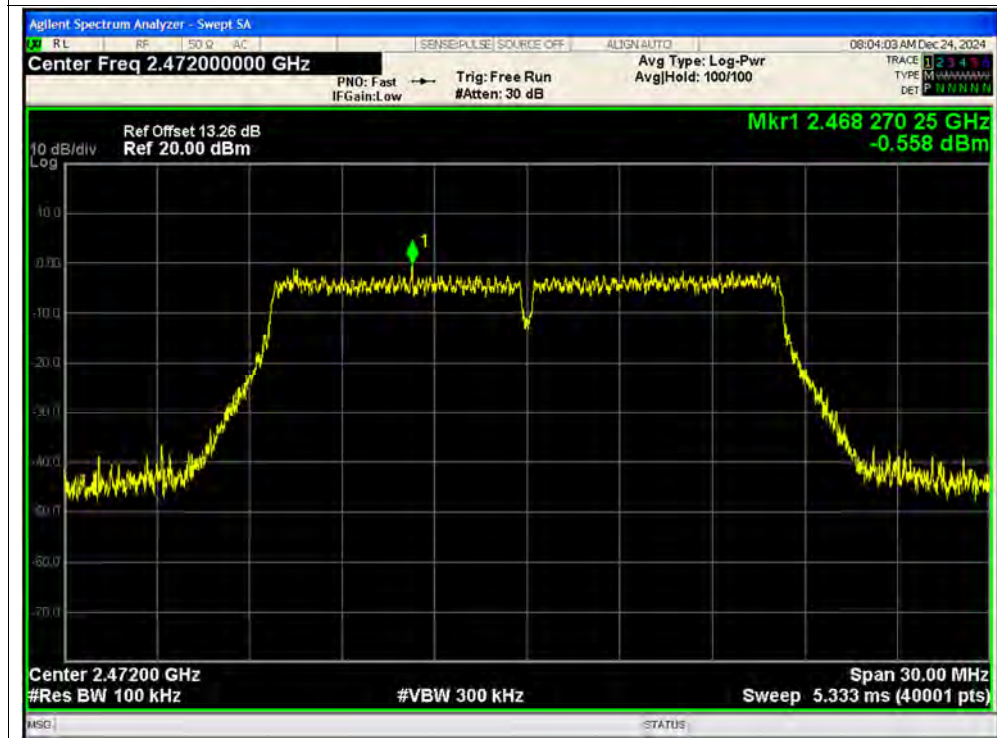
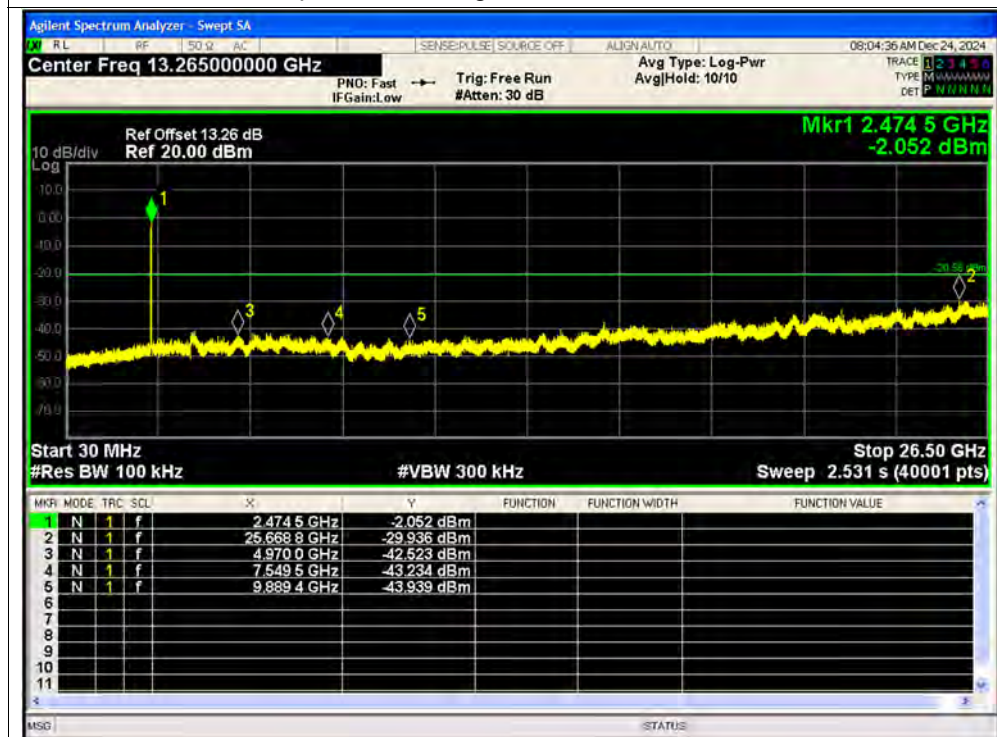


Tx. Spurious NVNT g 2472MHz Ant1 Ref



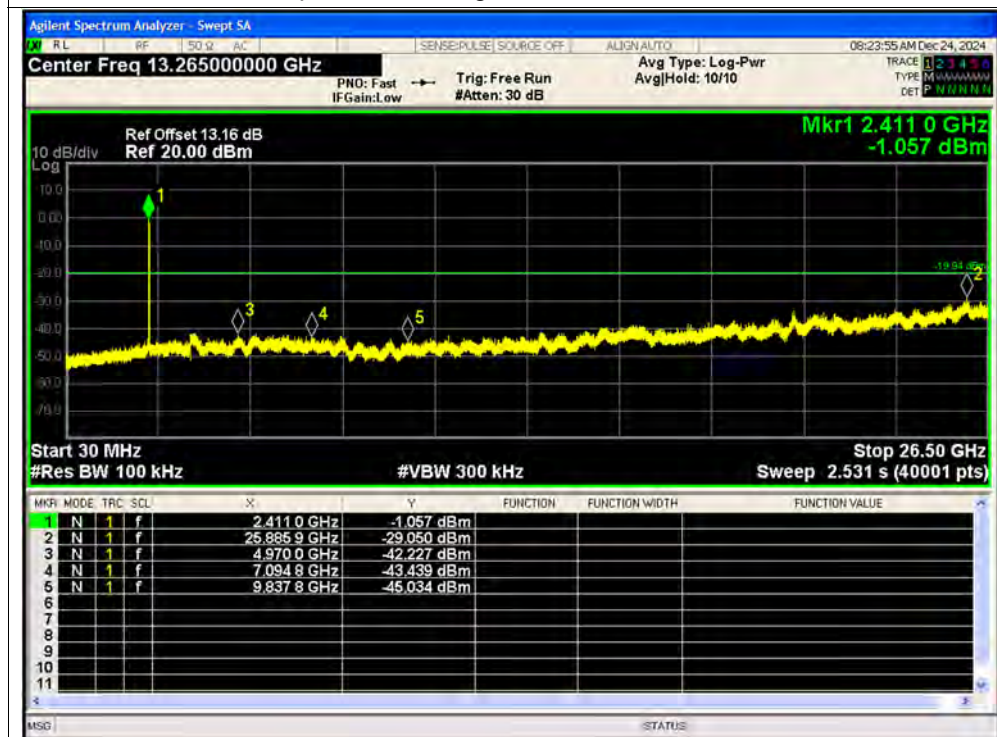
Tx. Spurious NVNT g 2472MHz Ant1 Emission



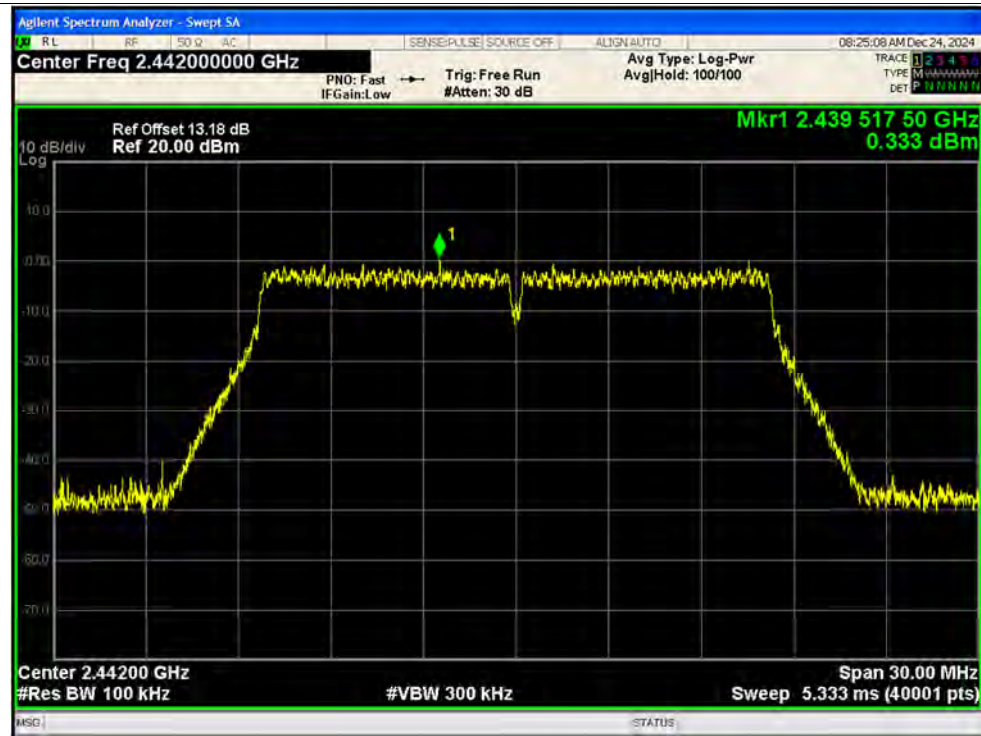
Tx. Spurious NVNT g 2412MHz Ant2 Ref



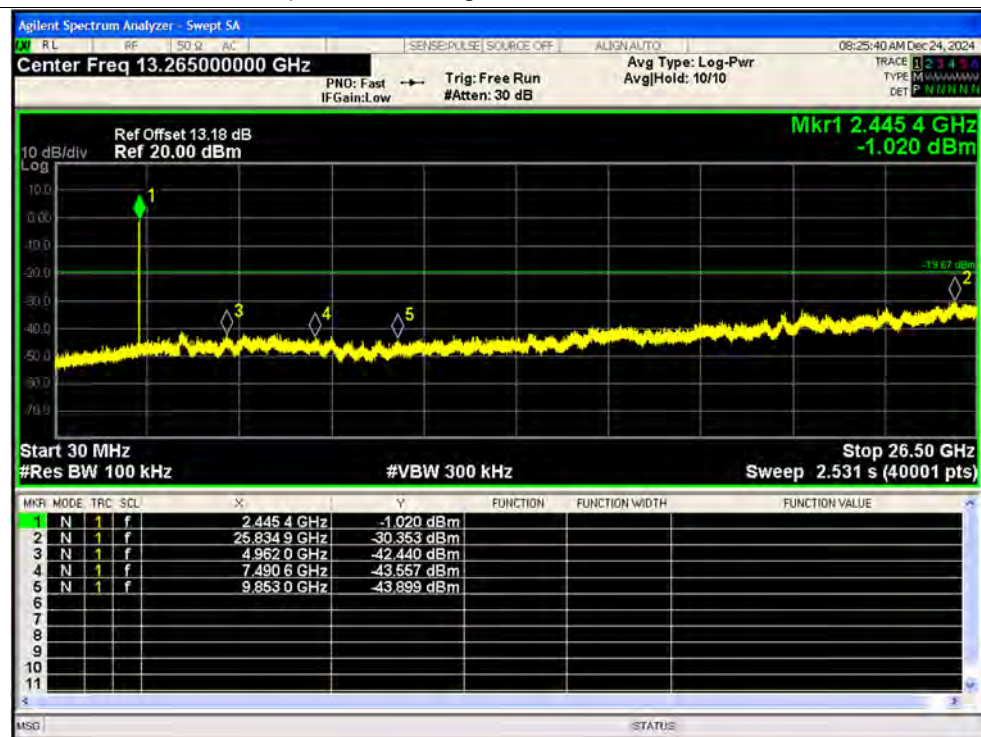
Tx. Spurious NVNT g 2412MHz Ant2 Emission



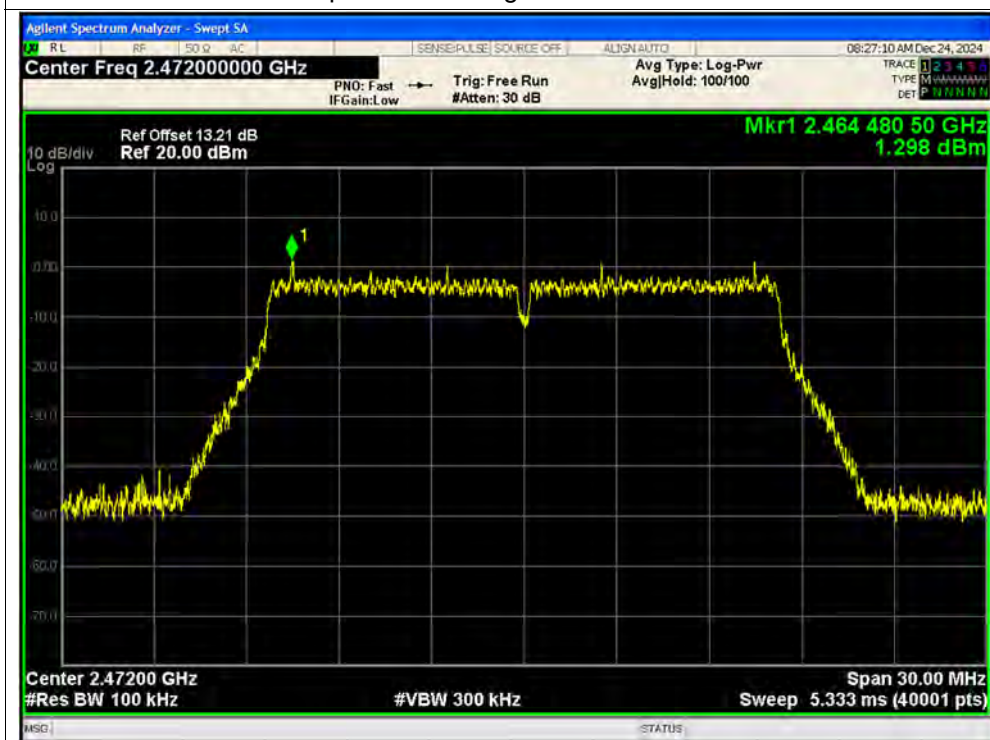
Tx. Spurious NVNT g 2442MHz Ant2 Ref



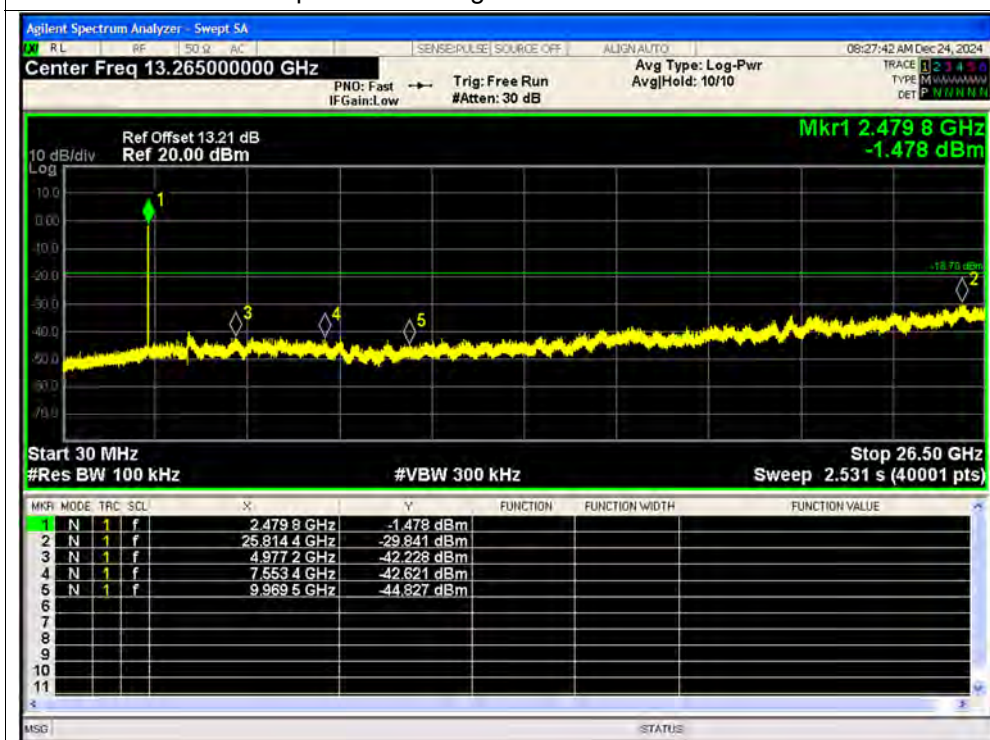
Tx. Spurious NVNT g 2442MHz Ant2 Emission



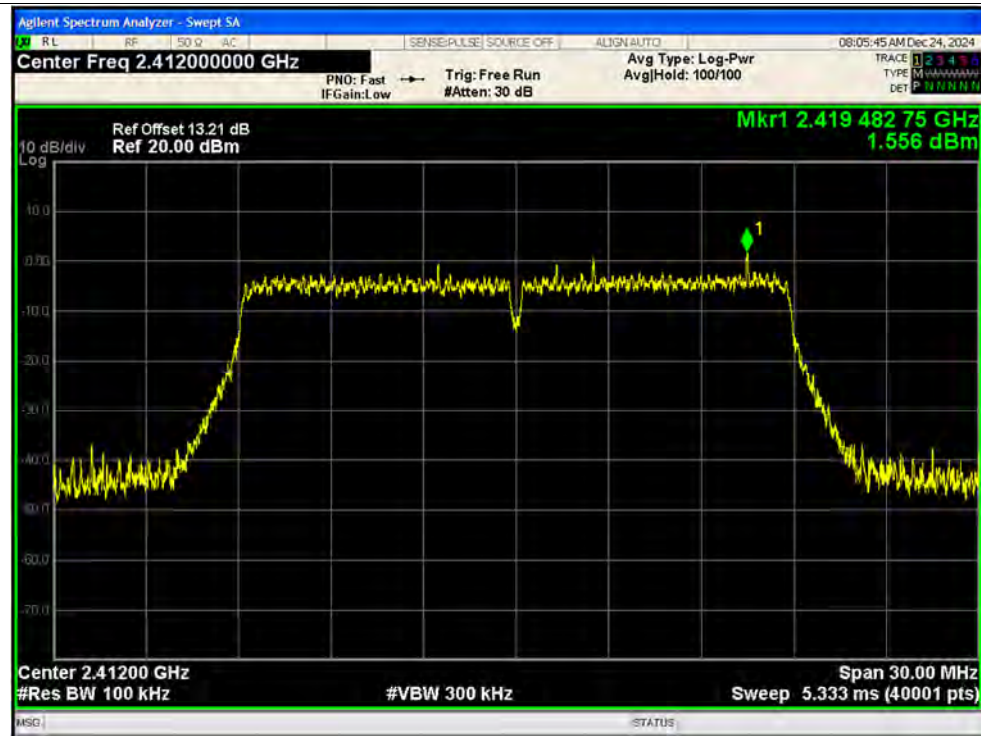
Tx. Spurious NVNT g 2472MHz Ant2 Ref



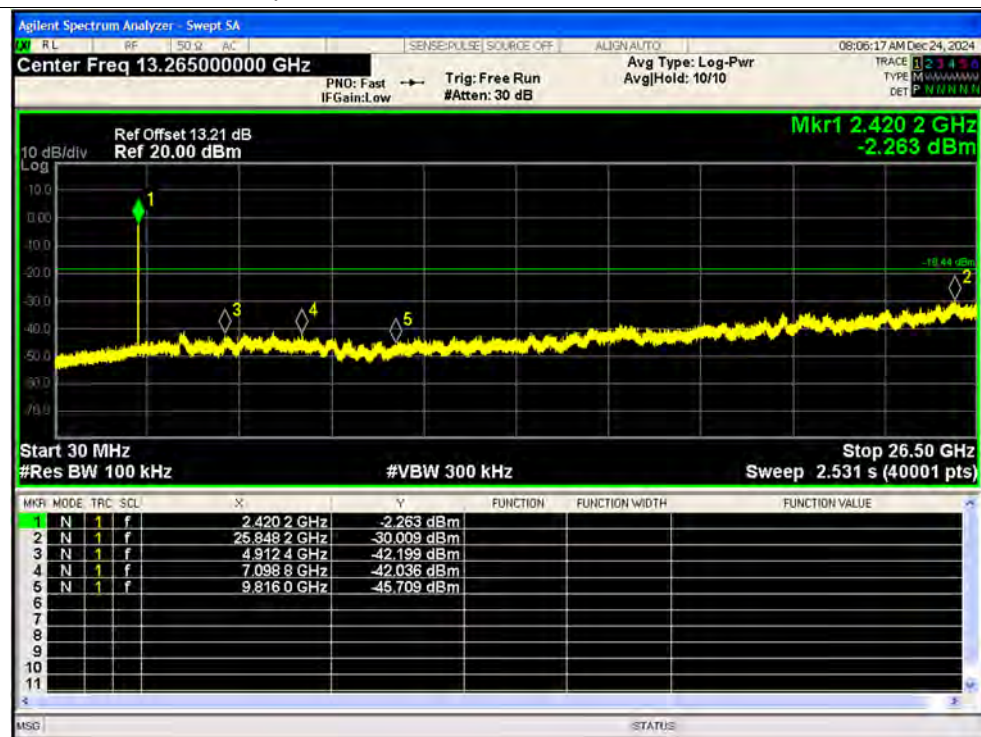
Tx. Spurious NVNT g 2472MHz Ant2 Emission



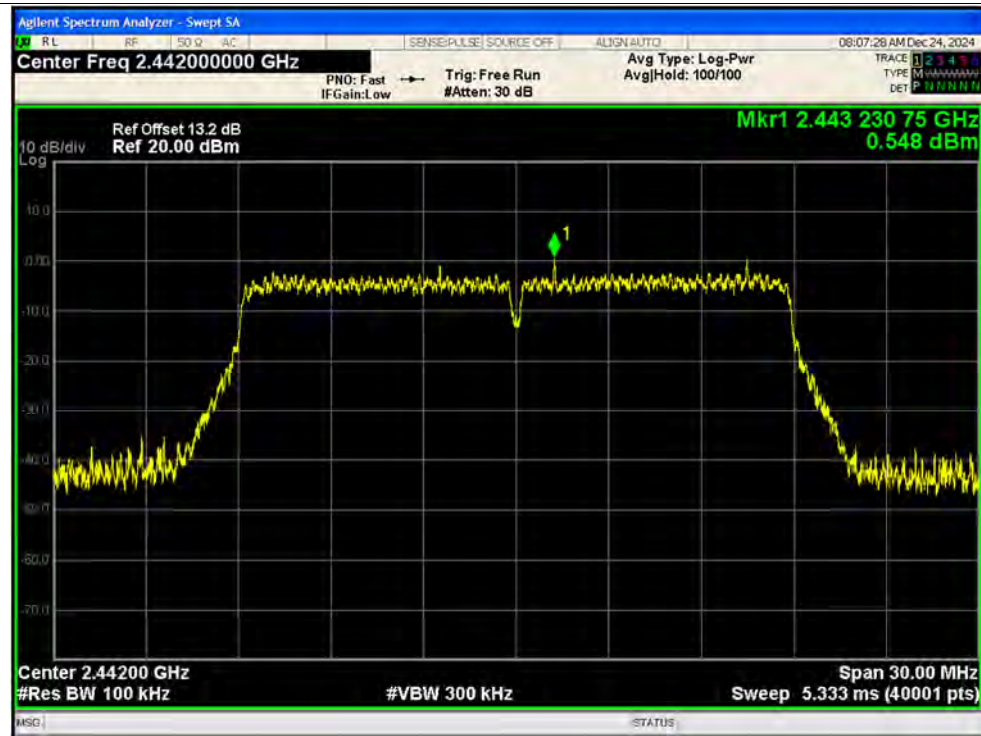
Tx. Spurious NVNT n20 2412MHz Ant1 Ref



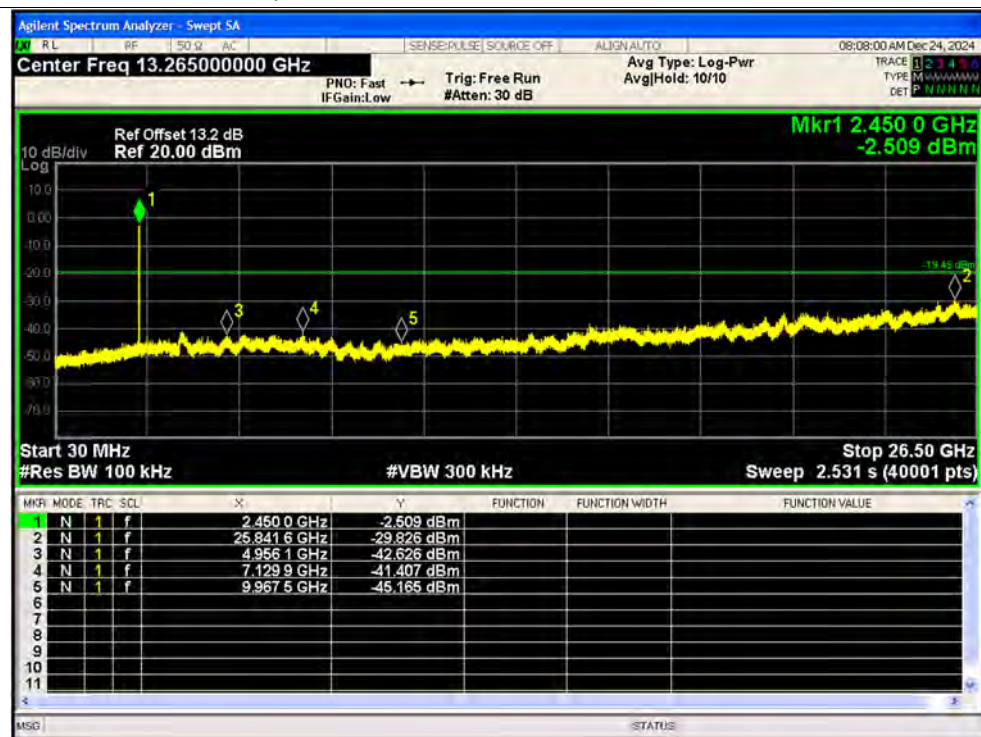
Tx. Spurious NVNT n20 2412MHz Ant1 Emission



Tx. Spurious NVNT n20 2442MHz Ant1 Ref



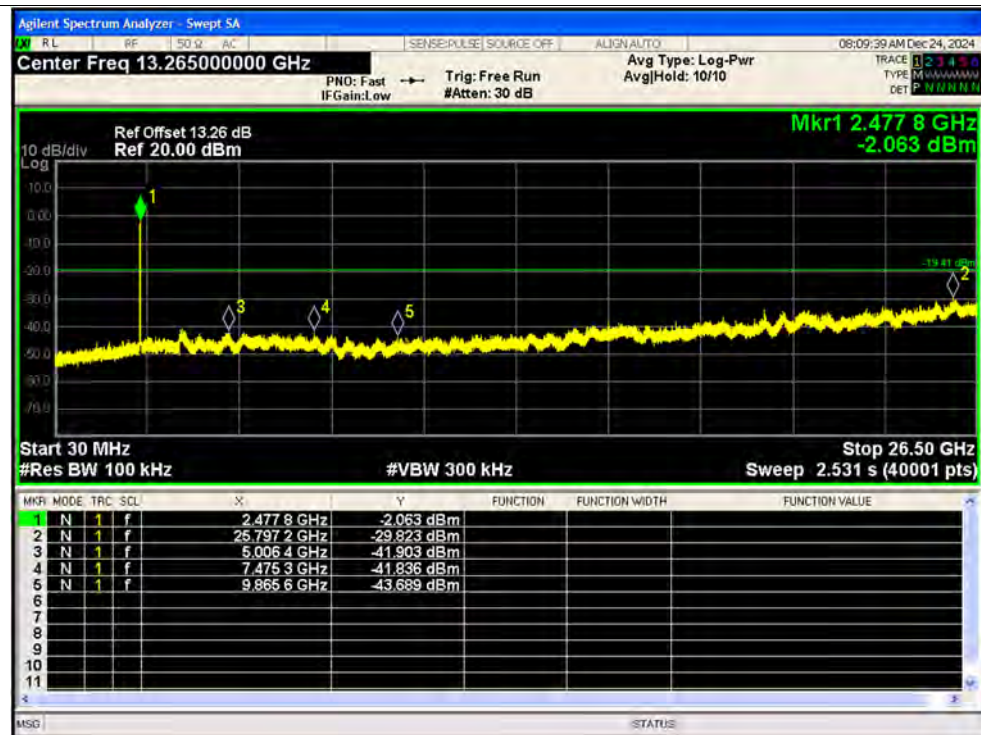
Tx. Spurious NVNT n20 2442MHz Ant1 Emission



Tx. Spurious NVNT n20 2472MHz Ant1 Ref



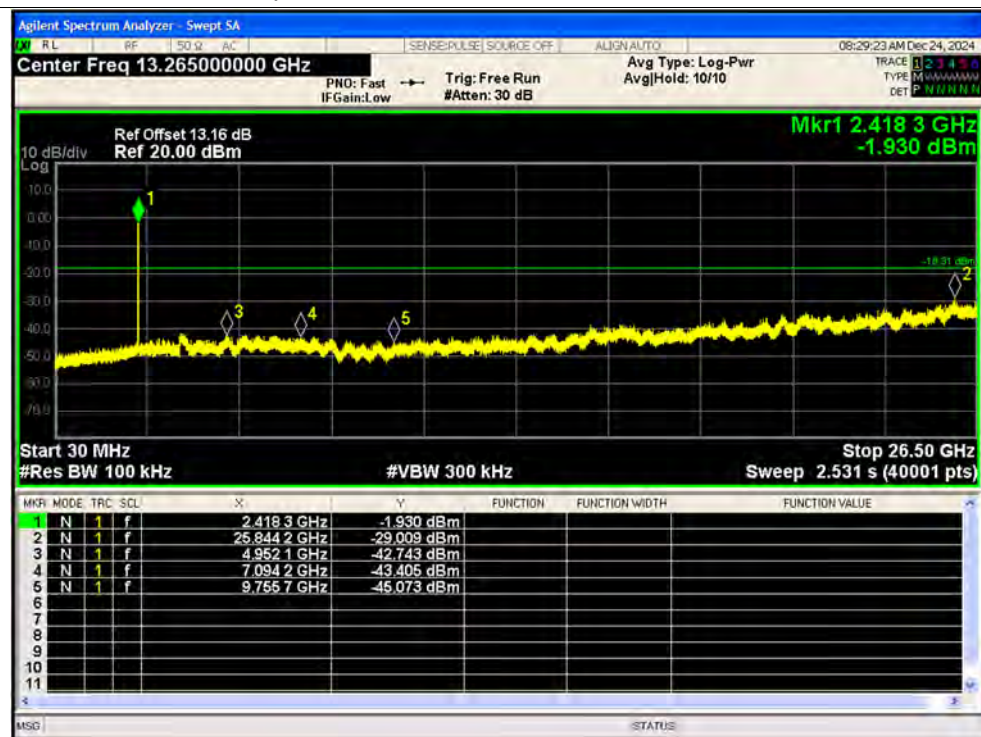
Tx. Spurious NVNT n20 2472MHz Ant1 Emission



Tx. Spurious NVNT n20 2412MHz Ant2 Ref



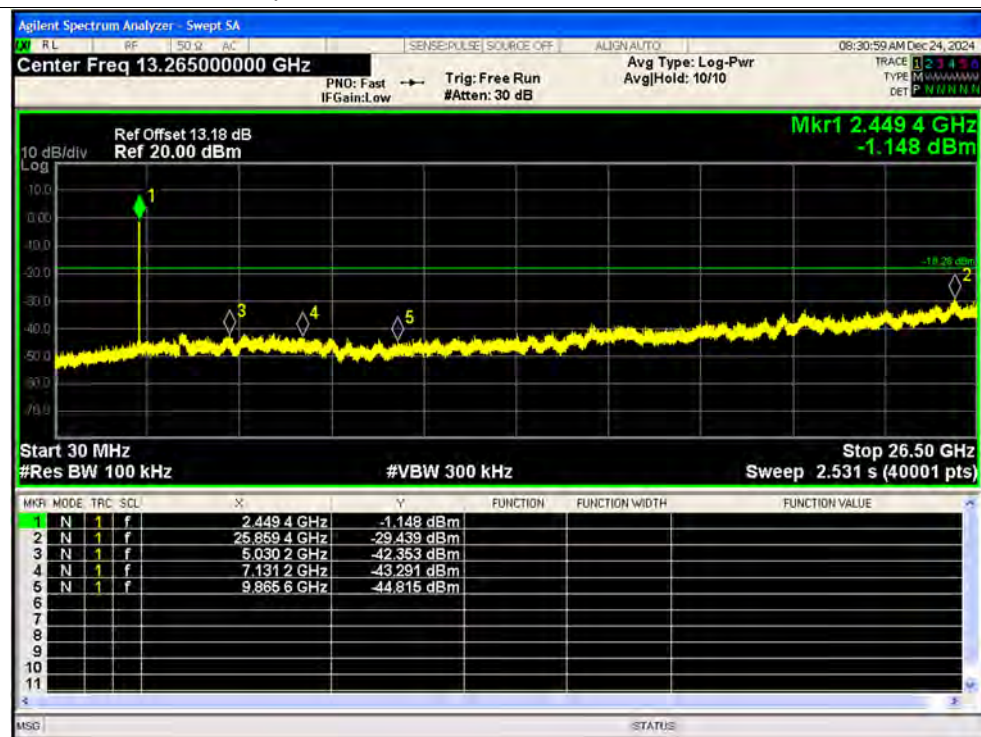
Tx. Spurious NVNT n20 2412MHz Ant2 Emission



Tx. Spurious NVNT n20 2442MHz Ant2 Ref



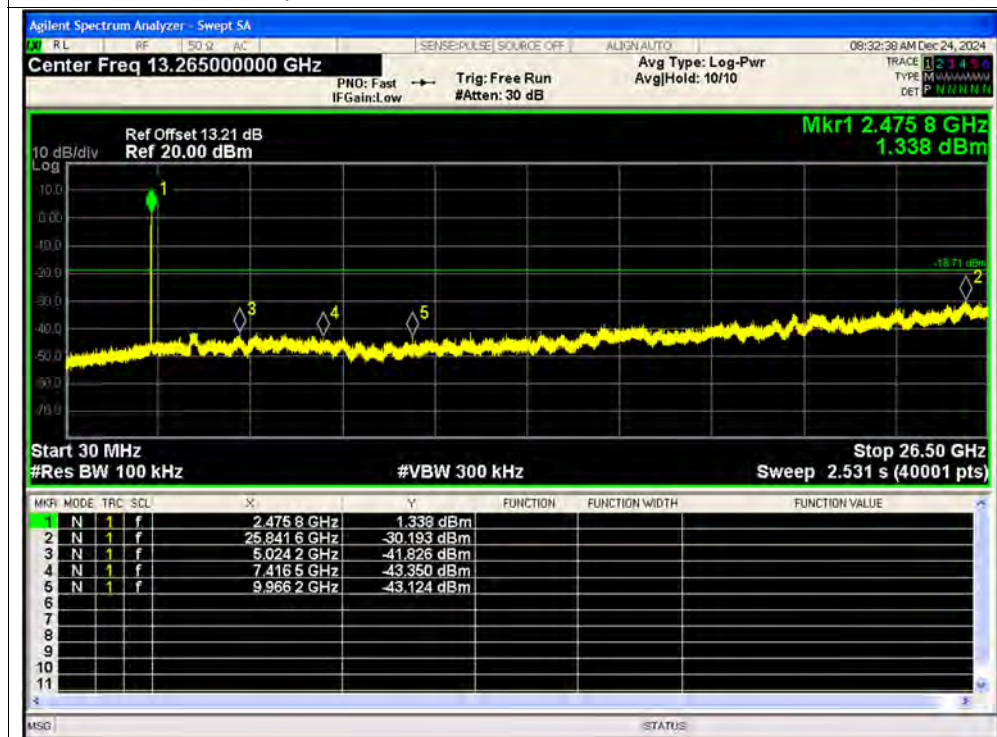
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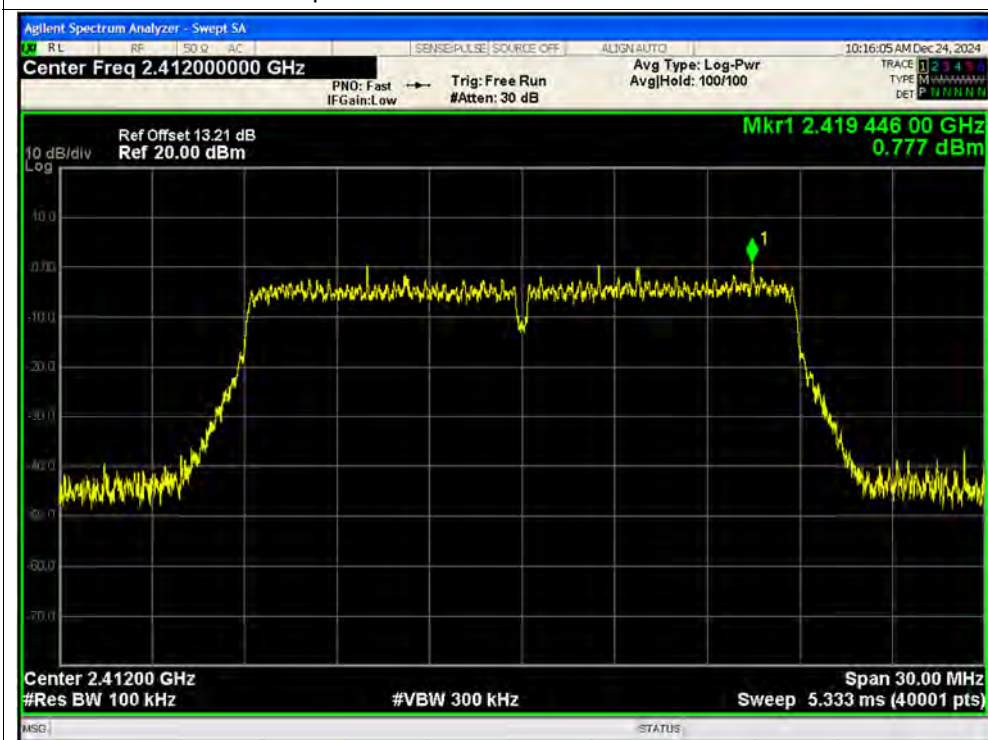
Tx. Spurious NVNT n20 2472MHz Ant2 Ref



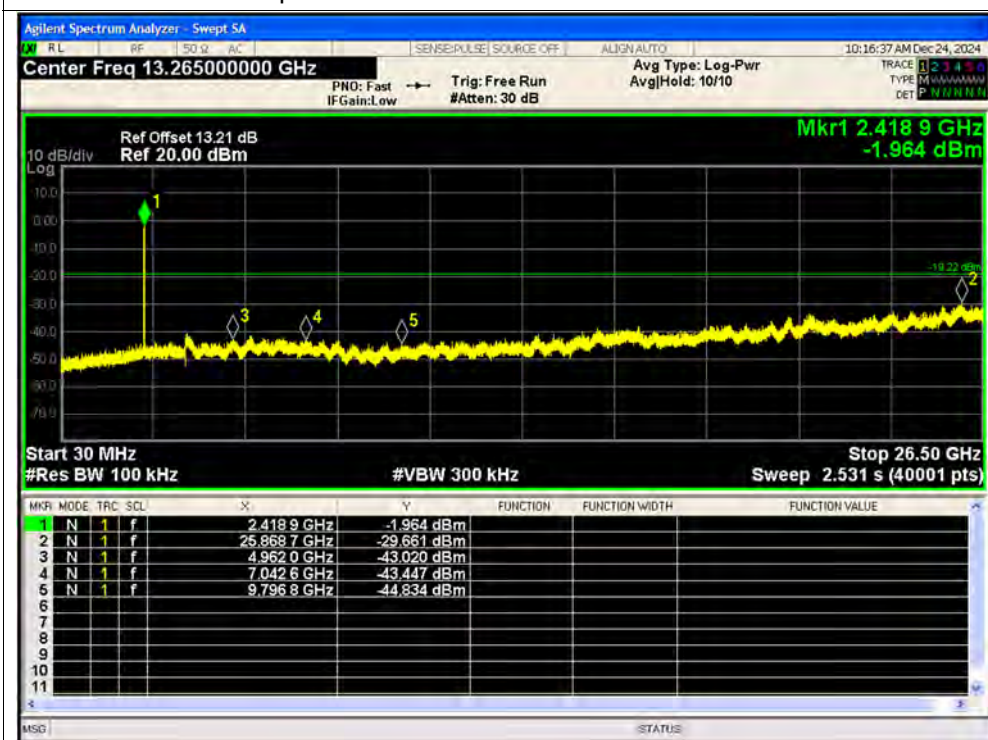
Tx. Spurious NVNT n20 2472MHz Ant2 Emission



Tx. Spurious NVNT n20 2412MHz Ant1 Ref



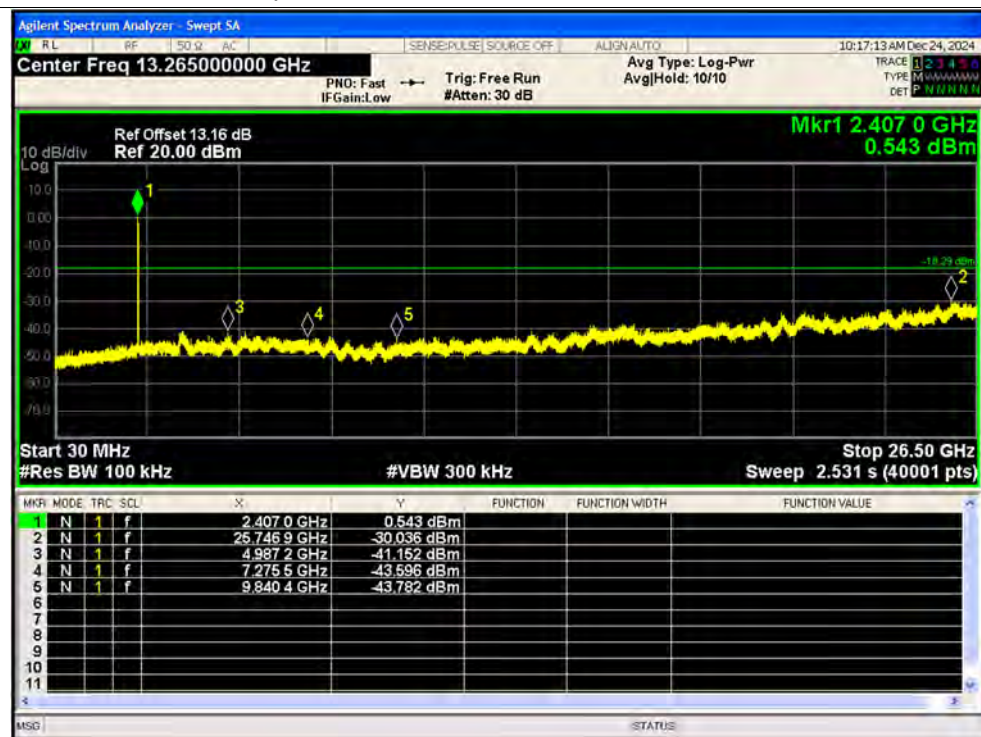
Tx. Spurious NVNT n20 2412MHz Ant1 Emission



Tx. Spurious NVNT n20 2412MHz Ant2 Ref



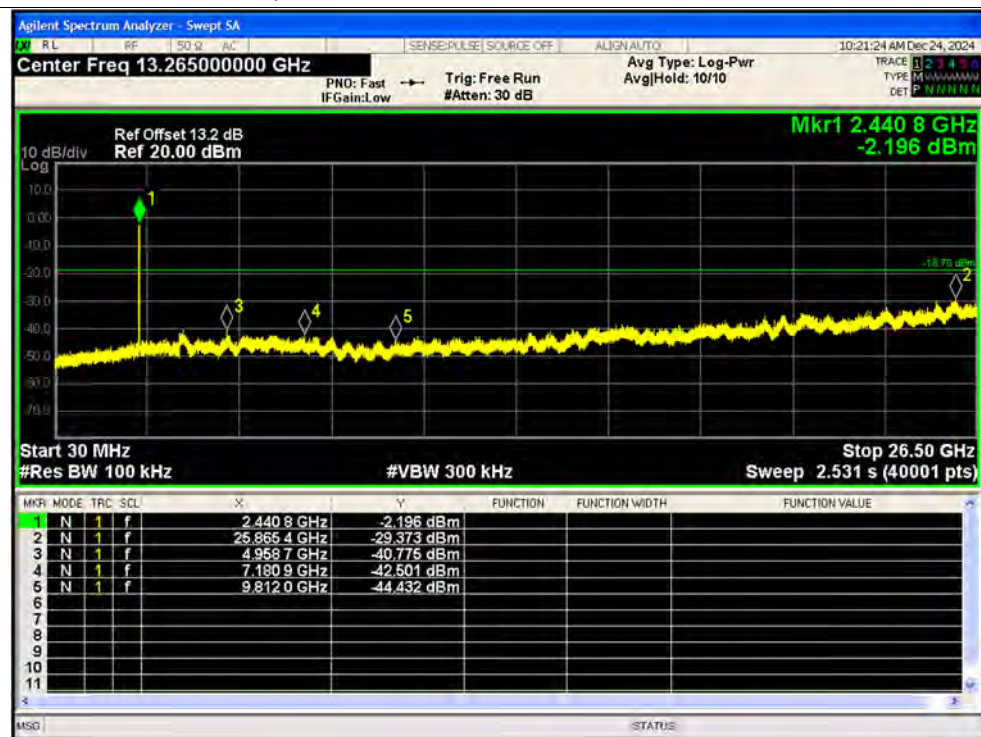
Tx. Spurious NVNT n20 2412MHz Ant2 Emission



Tx. Spurious NVNT n20 2442MHz Ant1 Ref



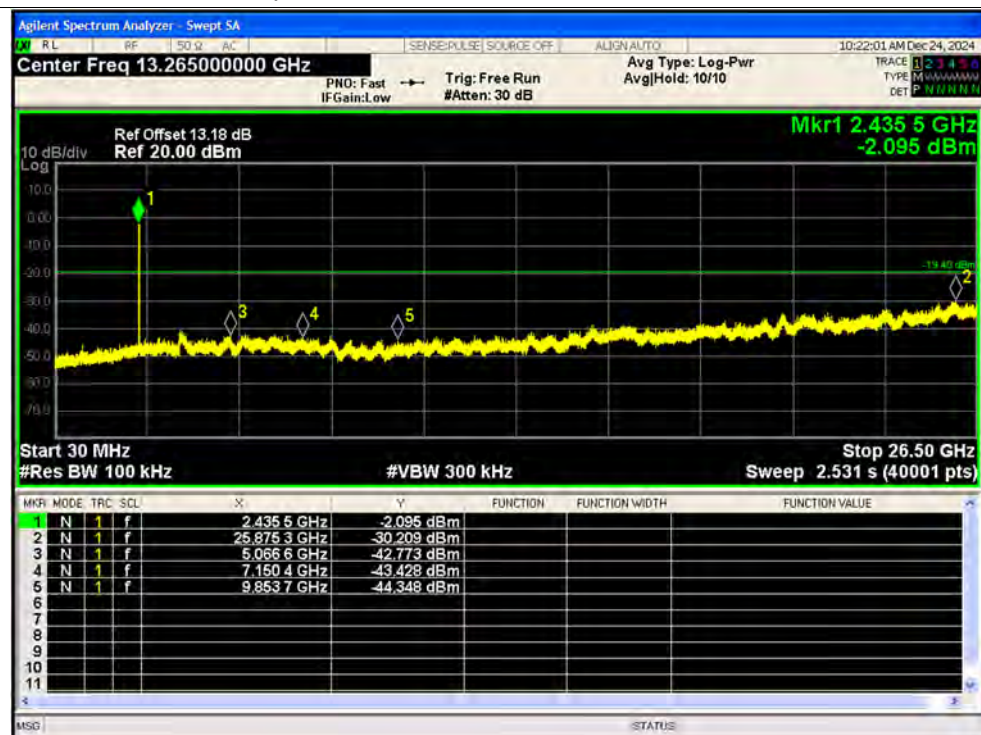
Tx. Spurious NVNT n20 2442MHz Ant1 Emission



Tx. Spurious NVNT n20 2442MHz Ant2 Ref



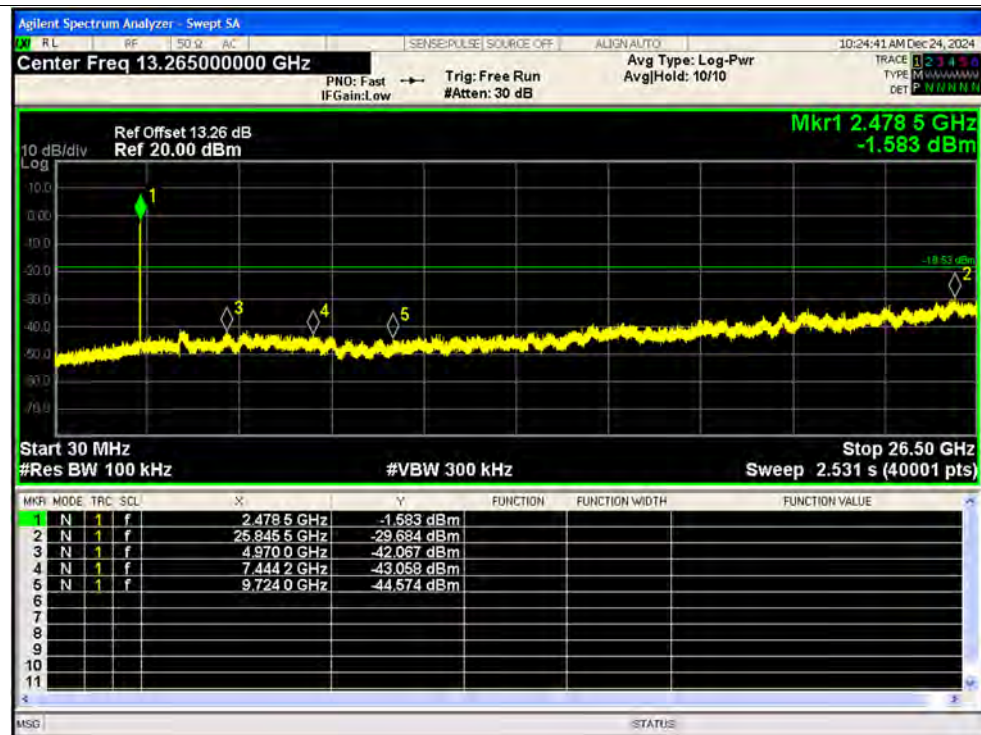
Tx. Spurious NVNT n20 2442MHz Ant2 Emission



Tx. Spurious NVNT n20 2472MHz Ant1 Ref



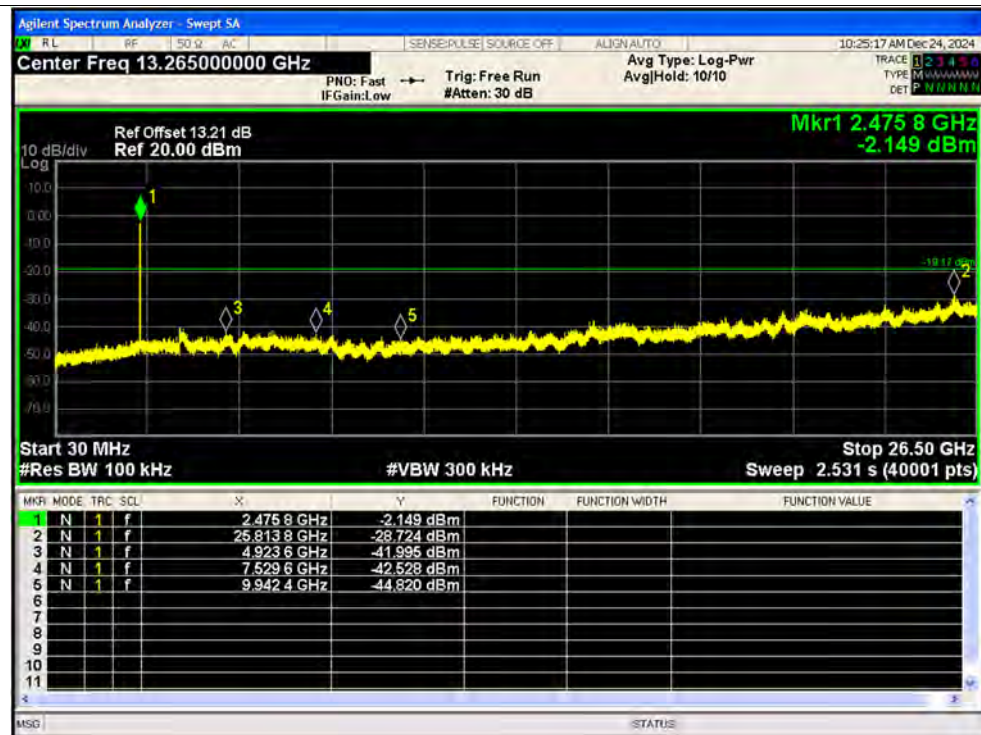
Tx. Spurious NVNT n20 2472MHz Ant1 Emission



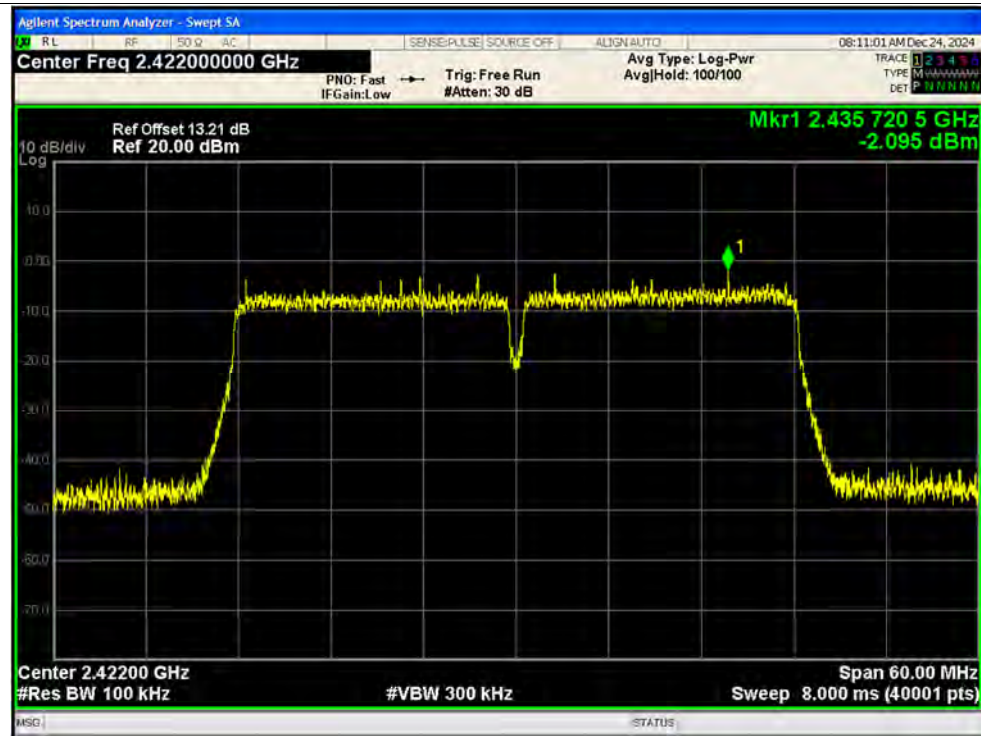
Tx. Spurious NVNT n20 2472MHz Ant2 Ref



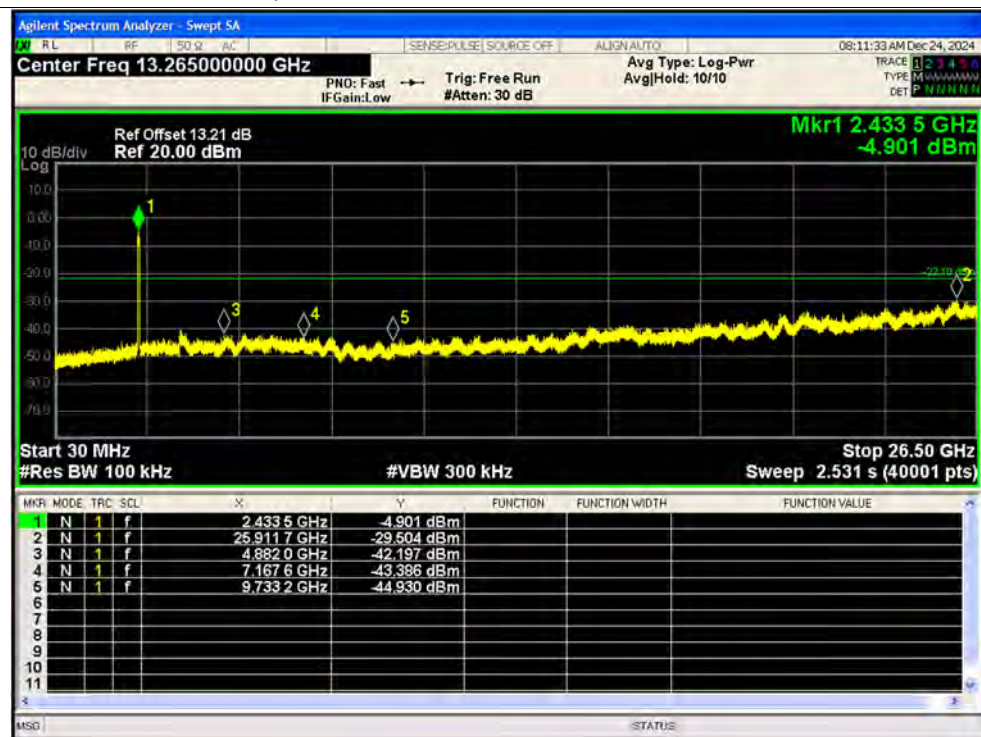
Tx. Spurious NVNT n20 2472MHz Ant2 Emission



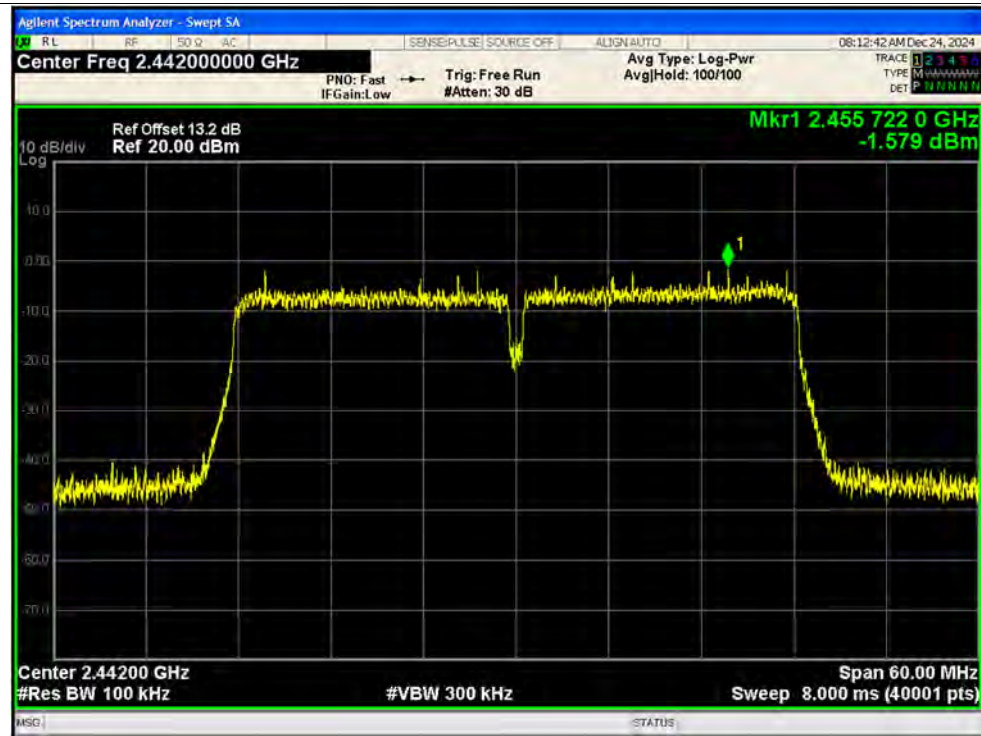
Tx. Spurious NVNT n40 2422MHz Ant1 Ref



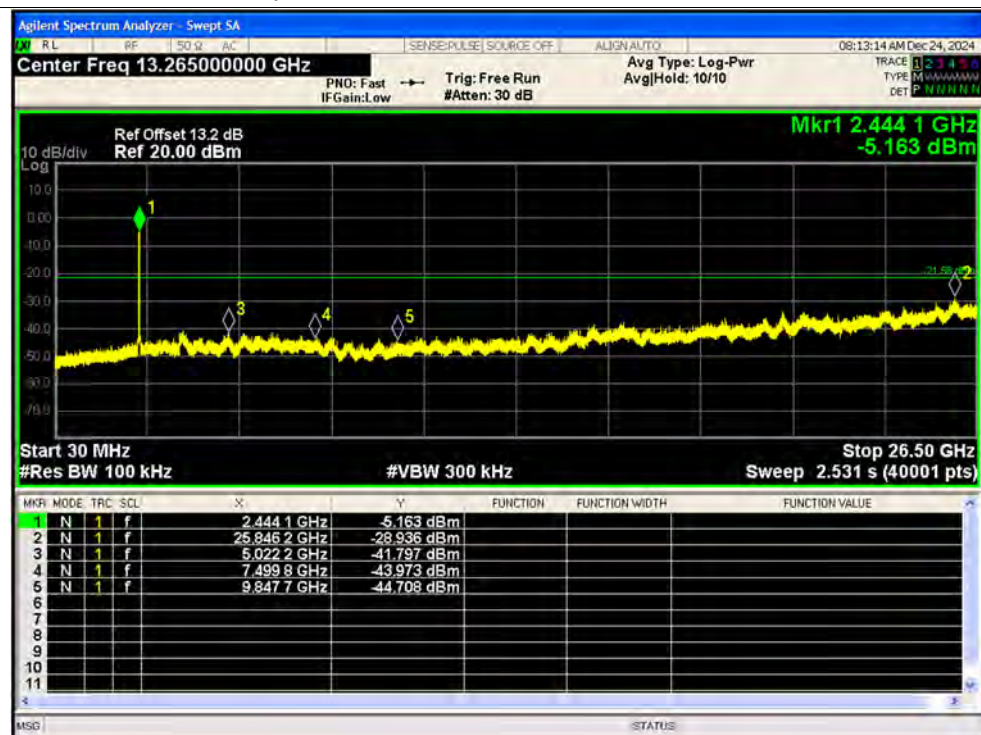
Tx. Spurious NVNT n40 2422MHz Ant1 Emission



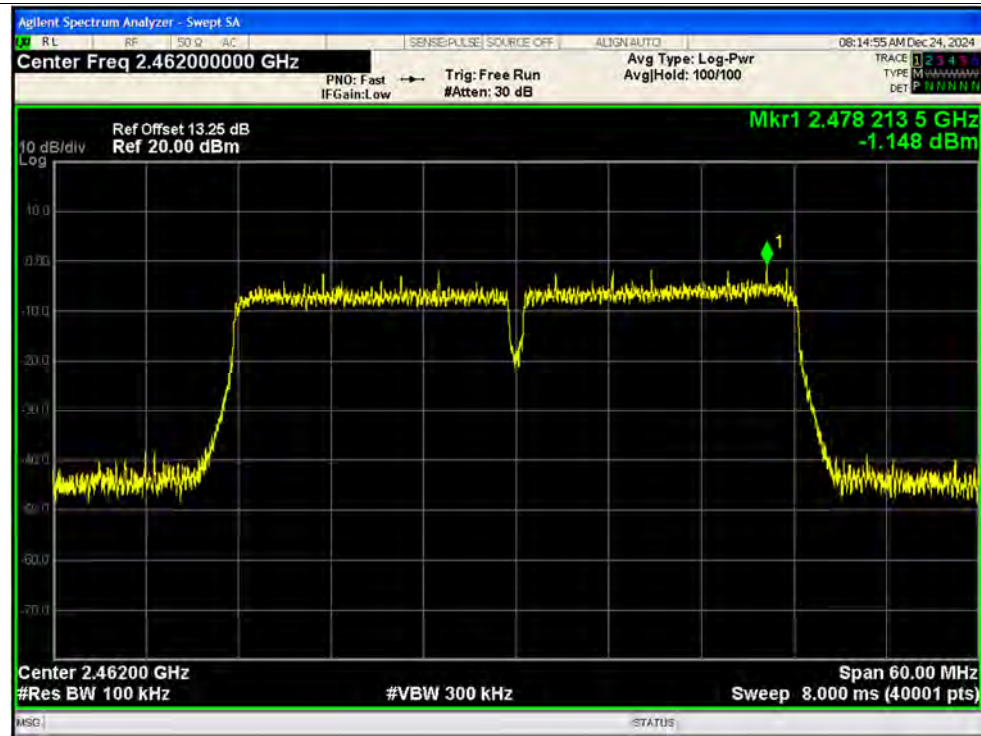
Tx. Spurious NVNT n40 2442MHz Ant1 Ref



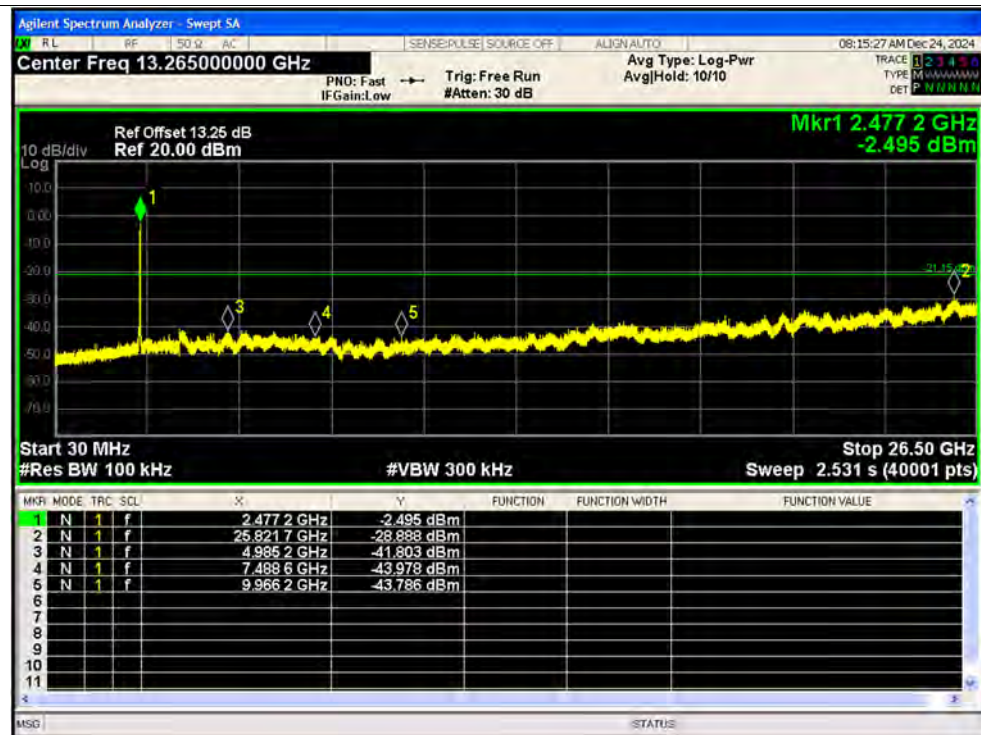
Tx. Spurious NVNT n40 2442MHz Ant1 Emission



Tx. Spurious NVNT n40 2462MHz Ant1 Ref



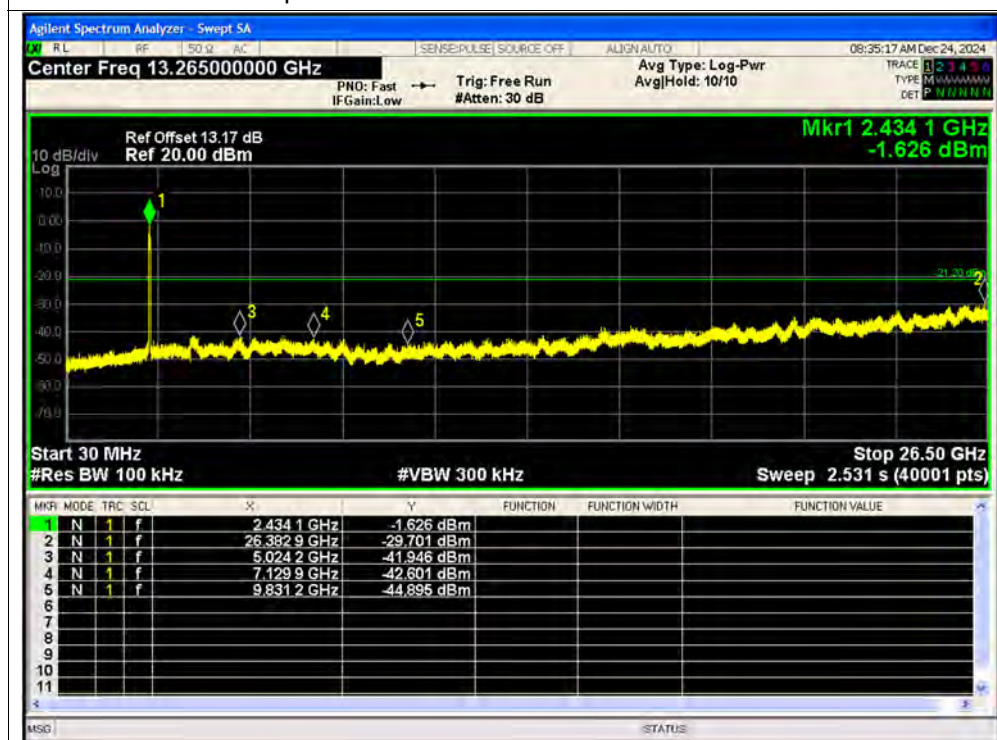
Tx. Spurious NVNT n40 2462MHz Ant1 Emission



Tx. Spurious NVNT n40 2422MHz Ant2 Ref



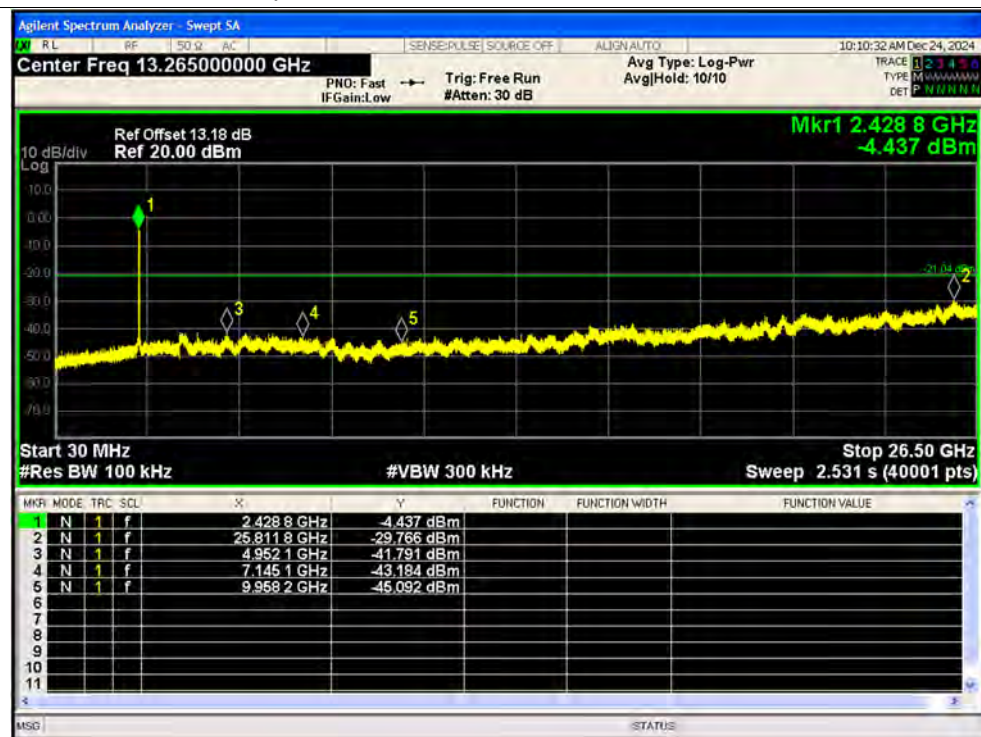
Tx. Spurious NVNT n40 2422MHz Ant2 Emission



Tx. Spurious NVNT n40 2442MHz Ant2 Ref



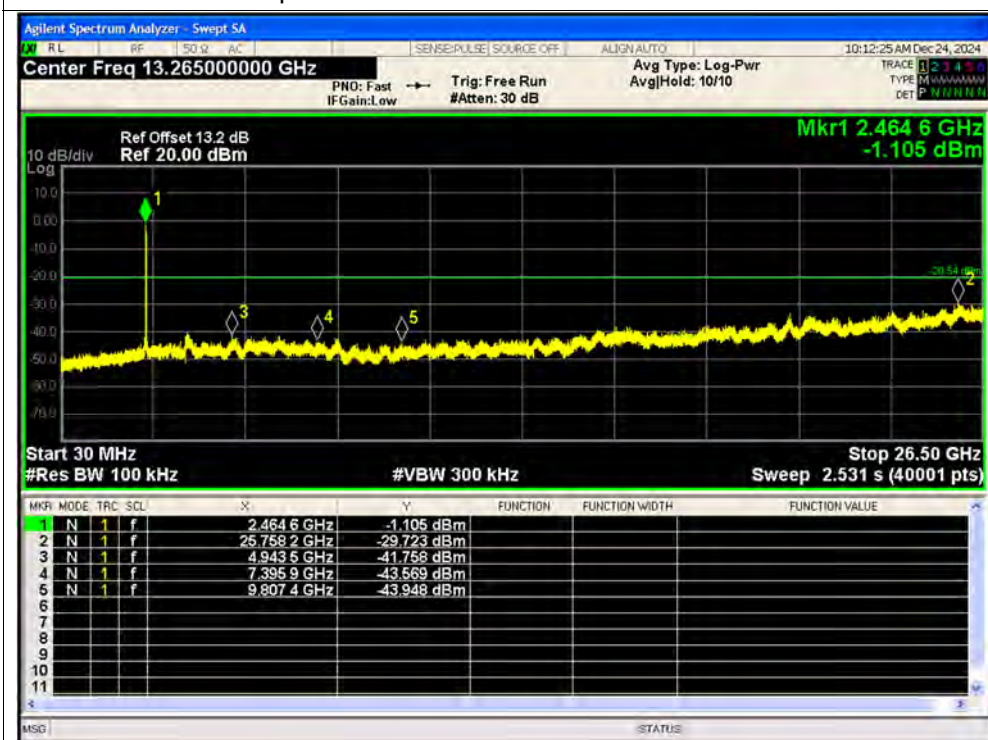
Tx. Spurious NVNT n40 2442MHz Ant2 Emission



Tx. Spurious NVNT n40 2462MHz Ant2 Ref



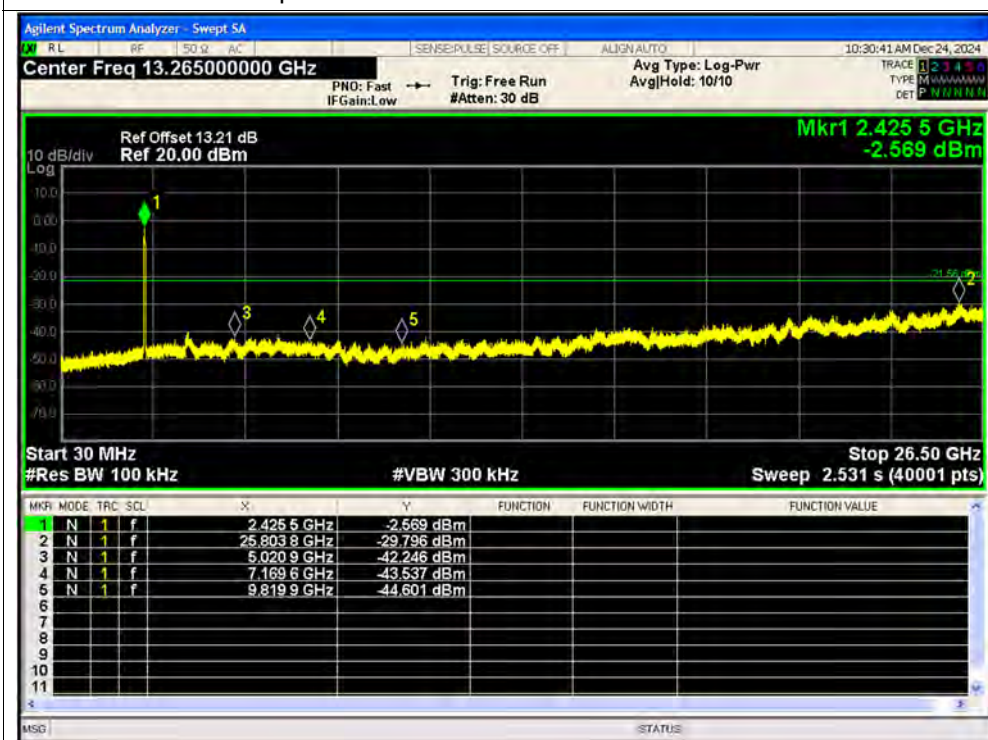
Tx. Spurious NVNT n40 2462MHz Ant2 Emission



Tx. Spurious NVNT n40 2422MHz Ant1 Ref



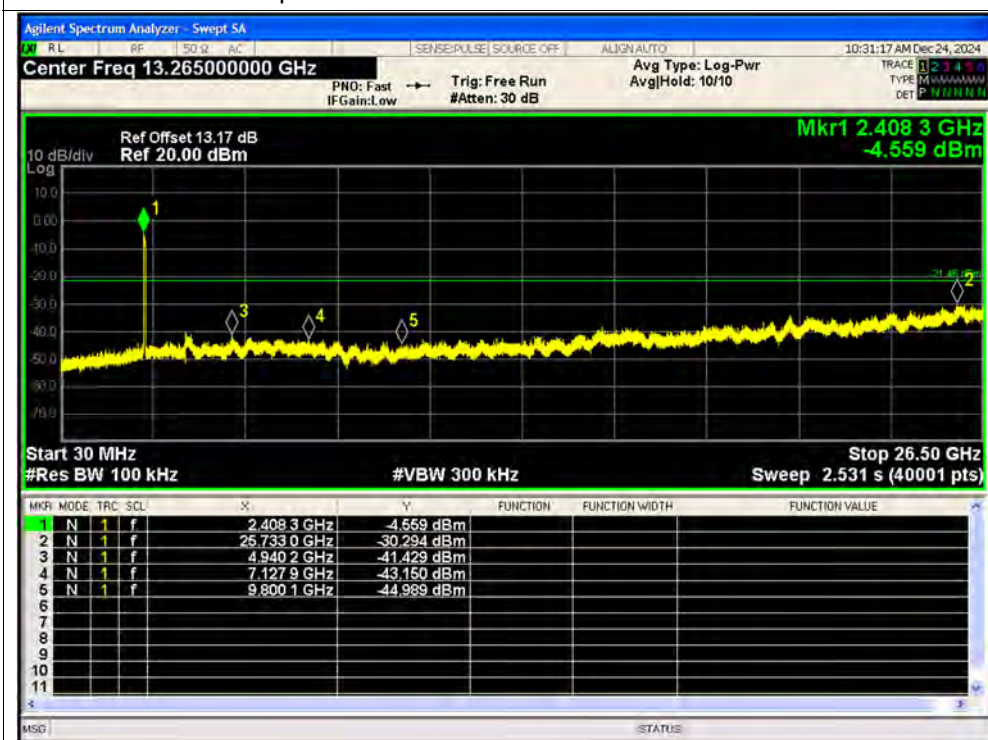
Tx. Spurious NVNT n40 2422MHz Ant1 Emission



Tx. Spurious NVNT n40 2422MHz Ant2 Ref



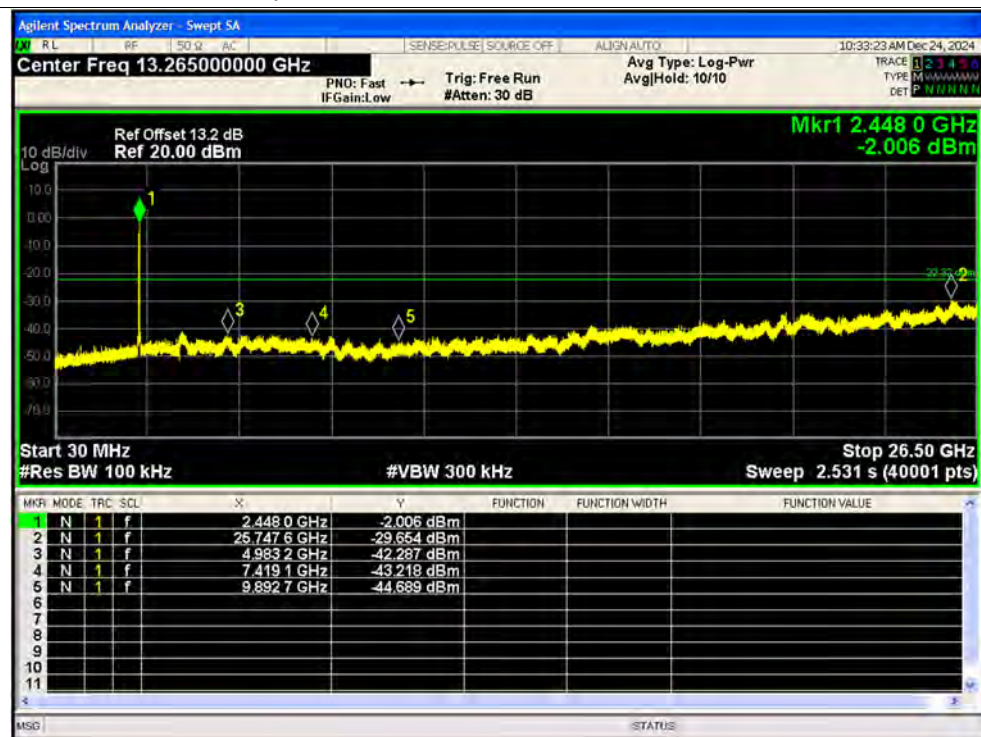
Tx. Spurious NVNT n40 2422MHz Ant2 Emission



Tx. Spurious NVNT n40 2442MHz Ant1 Ref



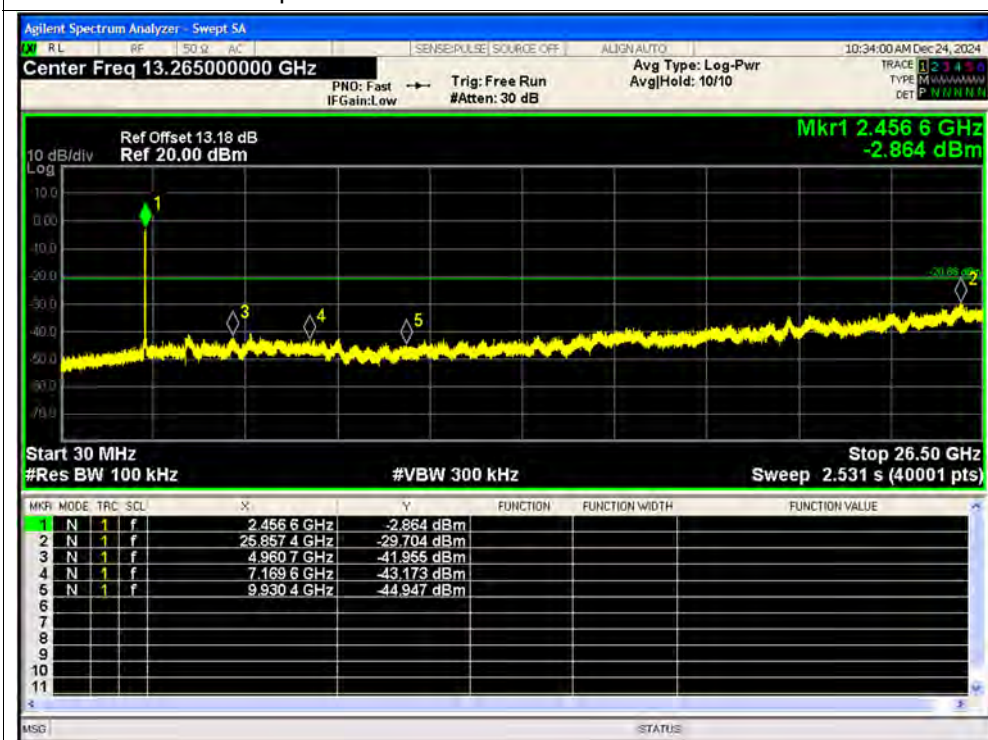
Tx. Spurious NVNT n40 2442MHz Ant1 Emission



Tx. Spurious NVNT n40 2442MHz Ant2 Ref



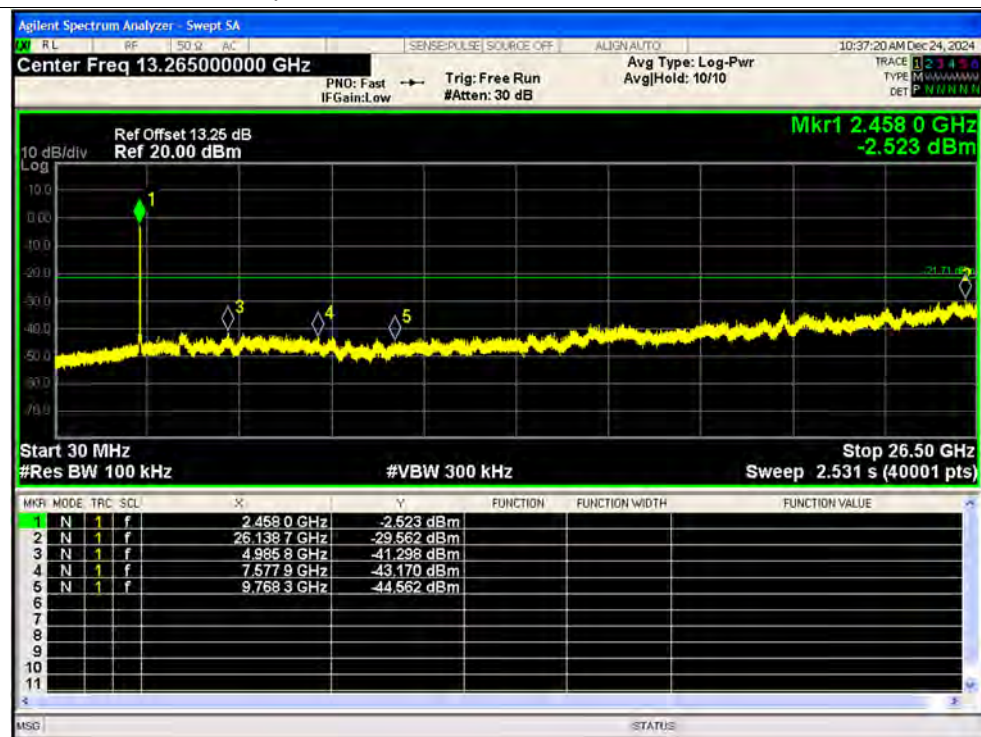
Tx. Spurious NVNT n40 2442MHz Ant2 Emission



Tx. Spurious NVNT n40 2462MHz Ant1 Ref



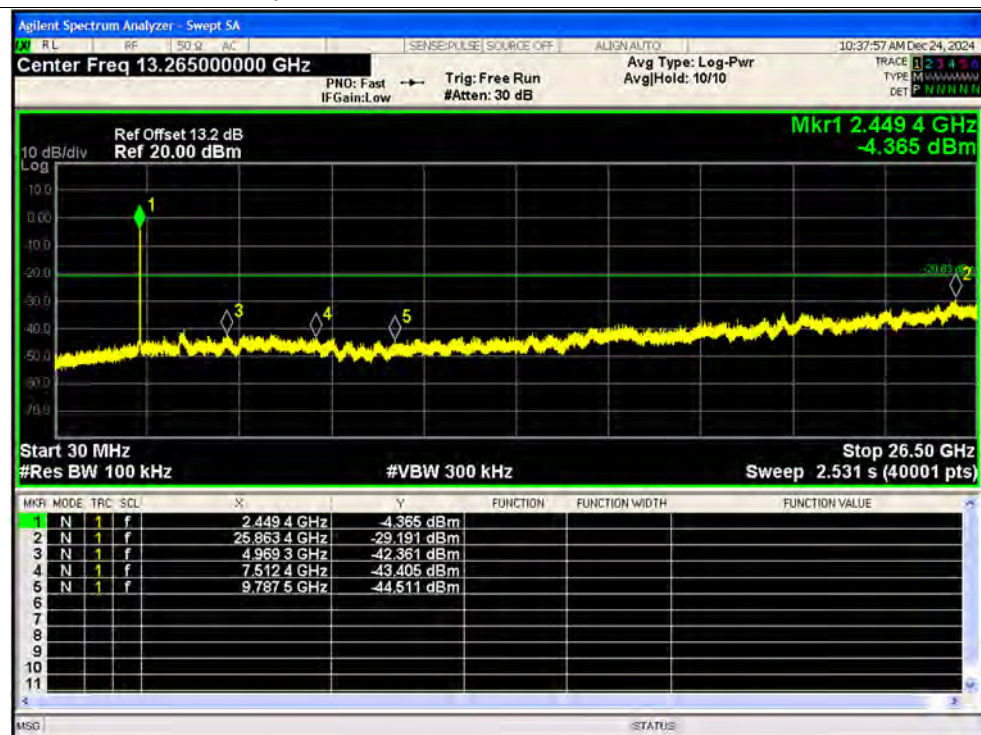
Tx. Spurious NVNT n40 2462MHz Ant1 Emission



Tx. Spurious NVNT n40 2462MHz Ant2 Ref



Tx. Spurious NVNT n40 2462MHz Ant2 Emission



**A.6. Band Edge**

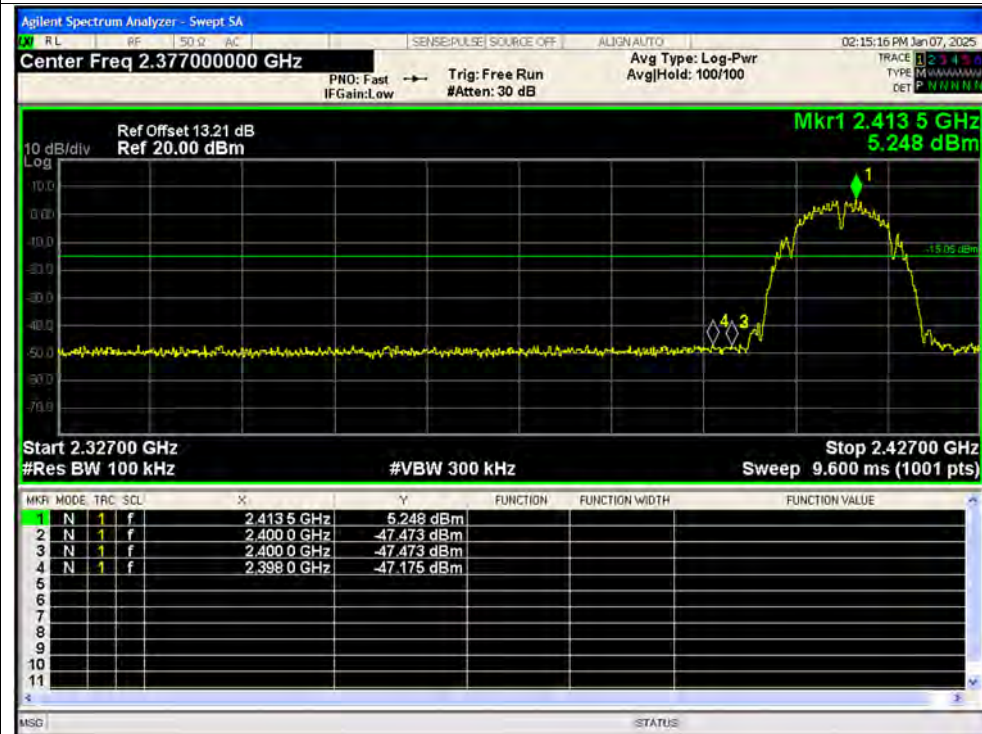
Condition	Mode	Frequency (MHz)	Antenna	Max Value (dBc)	Limit (dBc)	Verdict
NVNT	b	2412	Ant1	-52.12	-20	Pass
NVNT	b	2472	Ant1	-51.22	-20	Pass
NVNT	b	2412	Ant2	-51.96	-20	Pass
NVNT	b	2472	Ant2	-51.56	-20	Pass
NVNT	g	2412	Ant1	-39.05	-20	Pass
NVNT	g	2472	Ant1	-37.45	-20	Pass
NVNT	g	2412	Ant2	-43.48	-20	Pass
NVNT	g	2472	Ant2	-43.79	-20	Pass
NVNT	n20	2412	Ant1	-38.12	-20	Pass
NVNT	n20	2472	Ant1	-39.06	-20	Pass
NVNT	n20	2412	Ant2	-43.15	-20	Pass
NVNT	n20	2472	Ant2	-40.47	-20	Pass
NVNT	n20	2412	Ant1	-38.99	-20	Pass
NVNT	n20	2412	Ant2	-43.55	-20	Pass
NVNT	n20	2472	Ant1	-38.66	-20	Pass
NVNT	n20	2472	Ant2	-40.42	-20	Pass
NVNT	n40	2422	Ant1	-39.72	-20	Pass
NVNT	n40	2462	Ant1	-38.78	-20	Pass
NVNT	n40	2422	Ant2	-37.49	-20	Pass
NVNT	n40	2462	Ant2	-42.37	-20	Pass
NVNT	n40	2422	Ant1	-37.56	-20	Pass
NVNT	n40	2422	Ant2	-41	-20	Pass
NVNT	n40	2462	Ant1	-37.93	-20	Pass
NVNT	n40	2462	Ant2	-41.91	-20	Pass

Test Graphs

Band Edge NVNT b 2412MHz Ant1 Ref



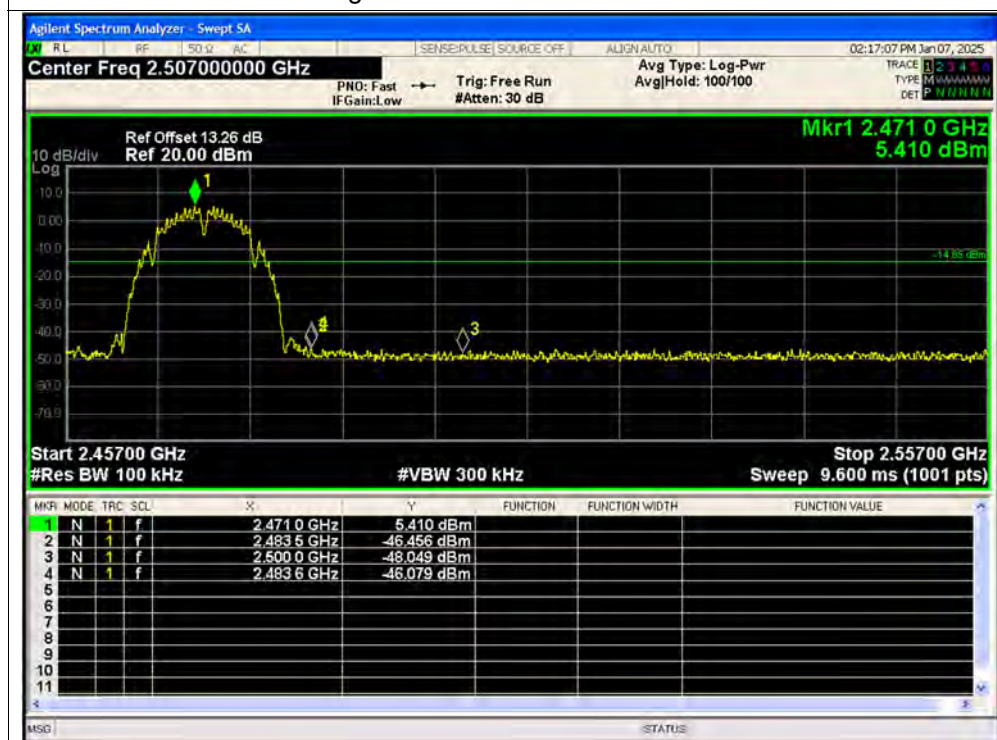
Band Edge NVNT b 2412MHz Ant1 Emission



Band Edge NVNT b 2472MHz Ant1 Ref



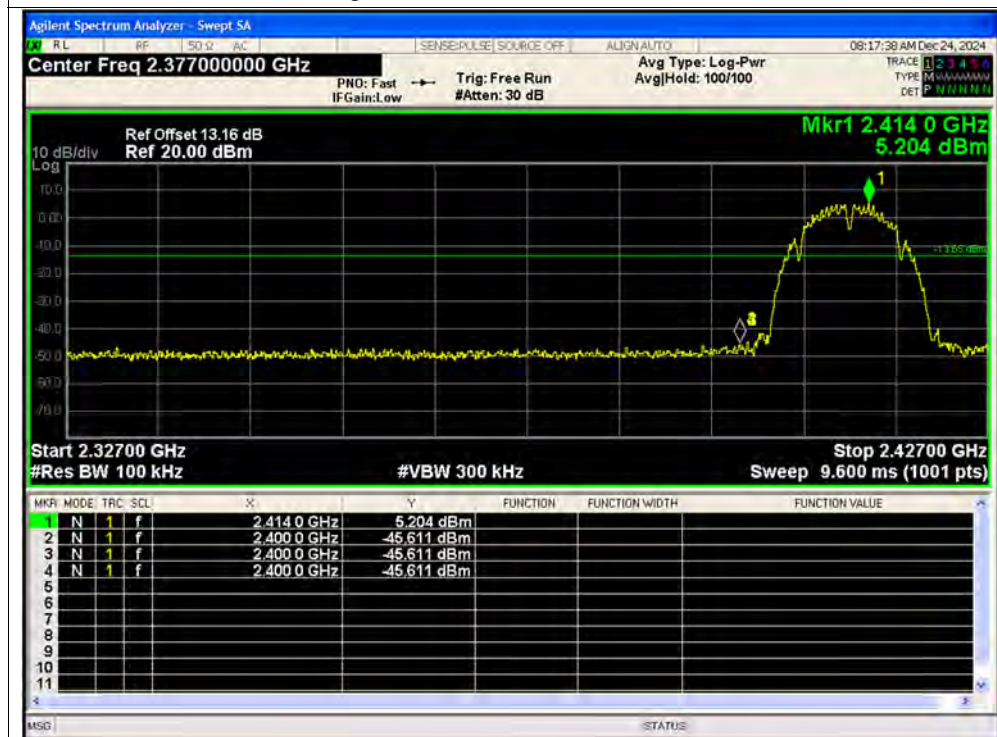
Band Edge NVNT b 2472MHz Ant1 Emission



Band Edge NVNT b 2412MHz Ant2 Ref



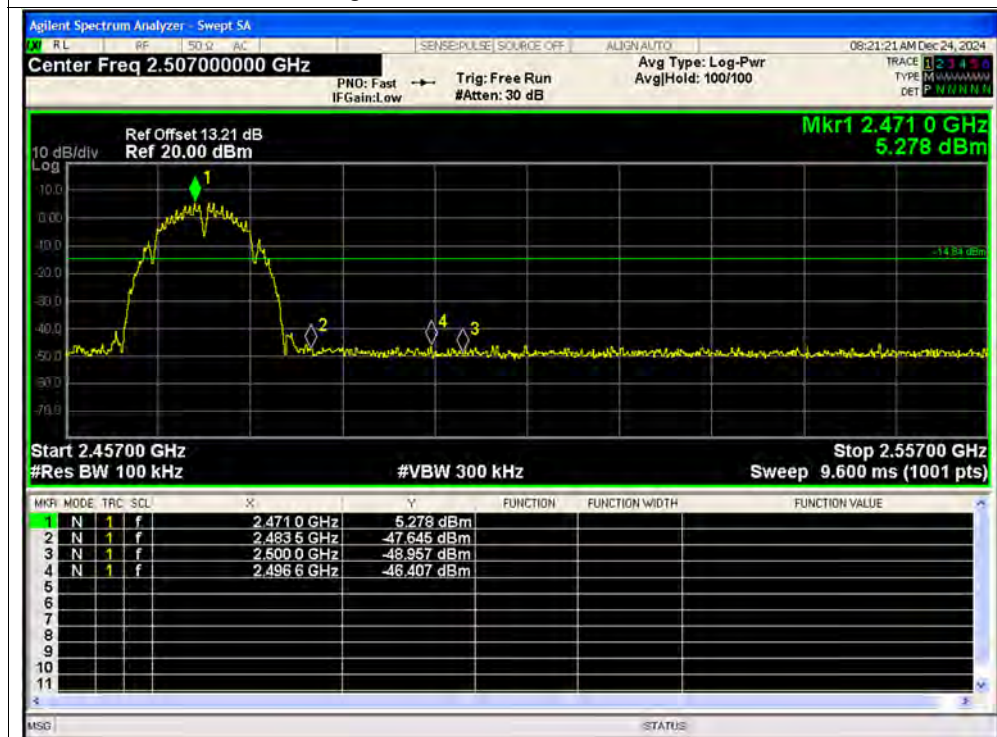
Band Edge NVNT b 2412MHz Ant2 Emission



Band Edge NVNT b 2472MHz Ant2 Ref



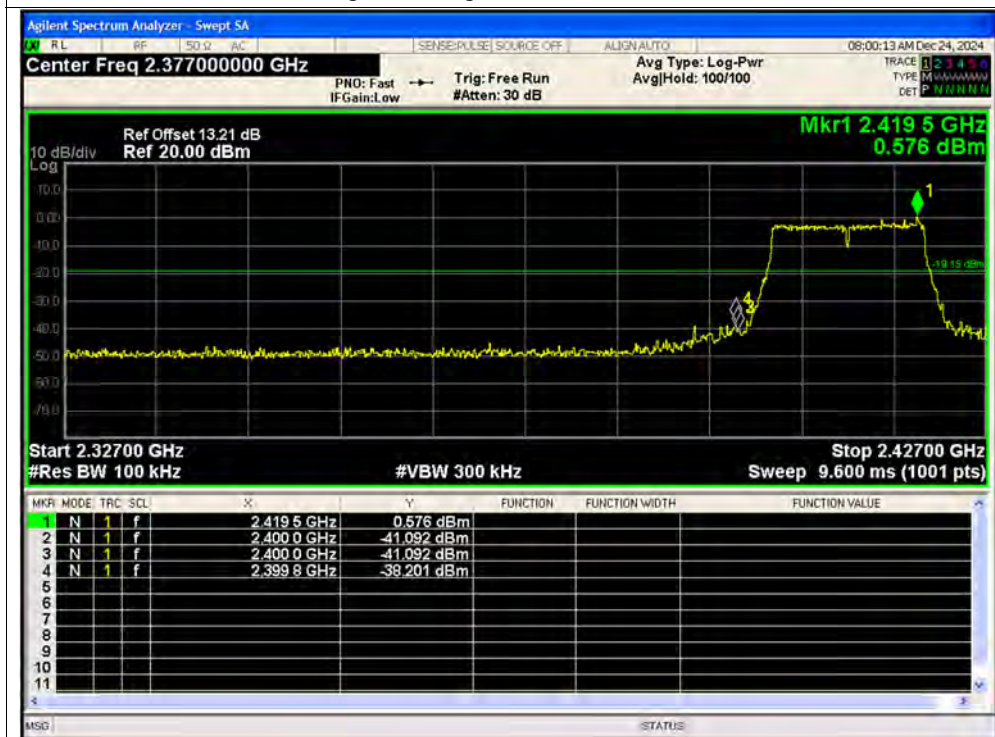
Band Edge NVNT b 2472MHz Ant2 Emission



Band Edge NVNT g 2412MHz Ant1 Ref



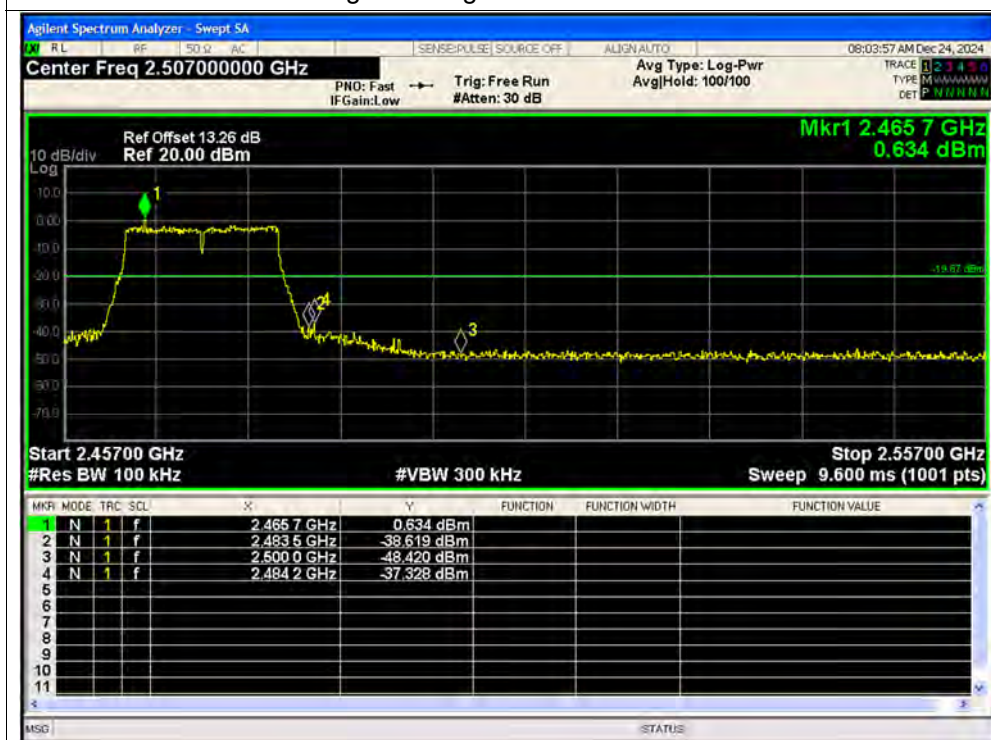
Band Edge NVNT g 2412MHz Ant1 Emission



Band Edge NVNT g 2472MHz Ant1 Ref



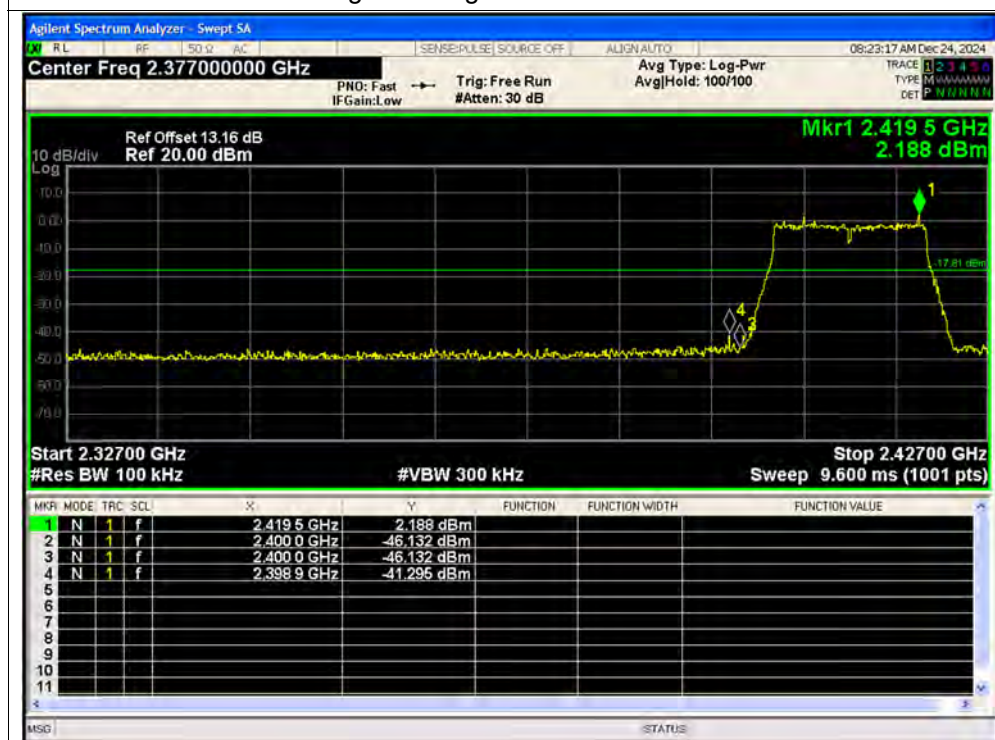
Band Edge NVNT g 2472MHz Ant1 Emission



Band Edge NVNT g 2412MHz Ant2 Ref



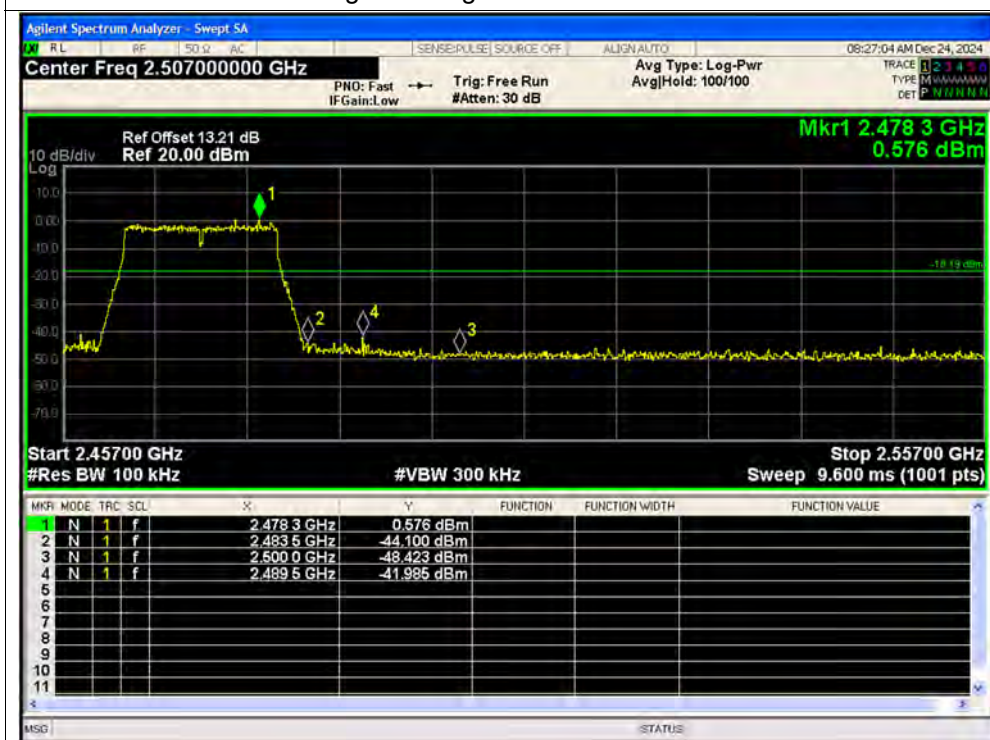
Band Edge NVNT g 2412MHz Ant2 Emission



Band Edge NVNT g 2472MHz Ant2 Ref



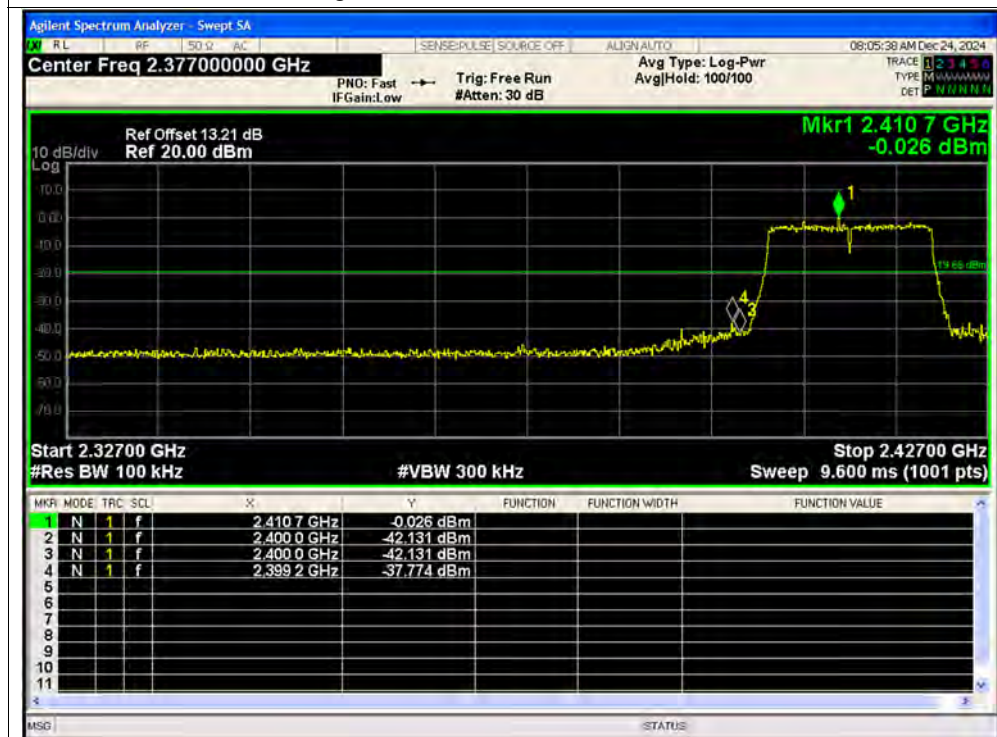
Band Edge NVNT g 2472MHz Ant2 Emission



Band Edge NVNT n20 2412MHz Ant1 Ref



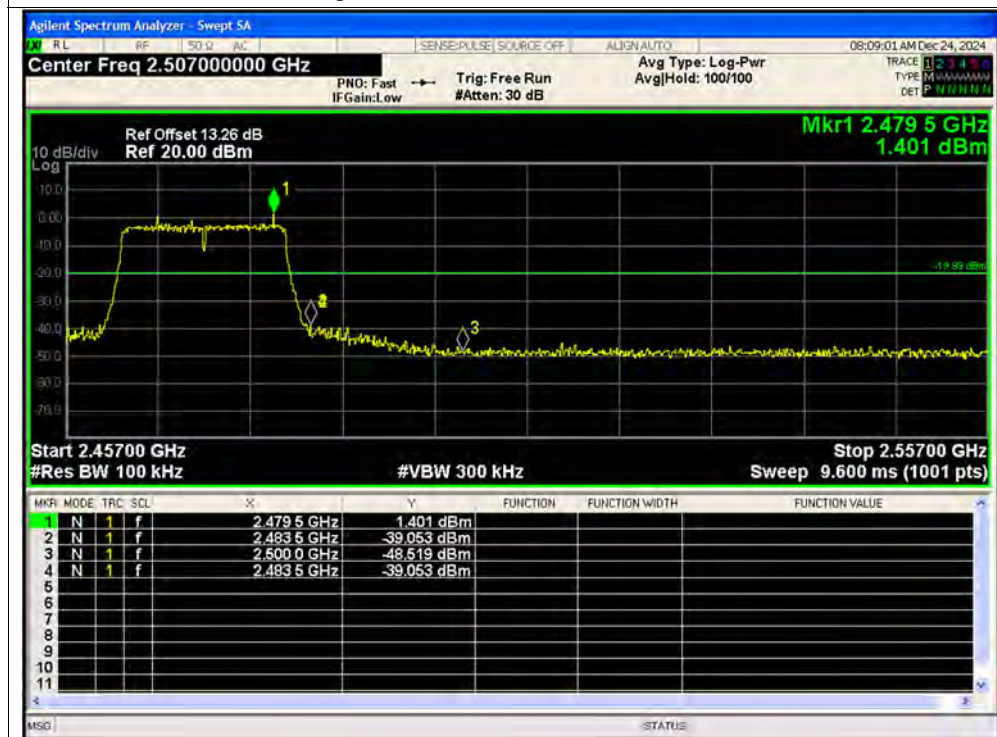
Band Edge NVNT n20 2412MHz Ant1 Emission



Band Edge NVNT n20 2472MHz Ant1 Ref



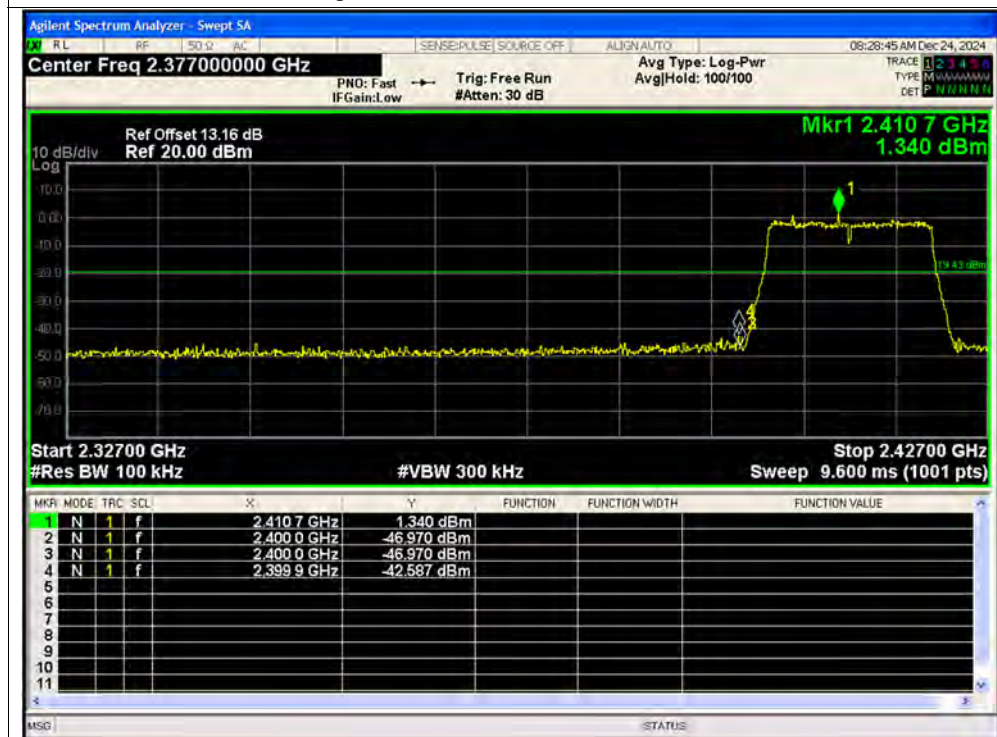
Band Edge NVNT n20 2472MHz Ant1 Emission



Band Edge NVNT n20 2412MHz Ant2 Ref



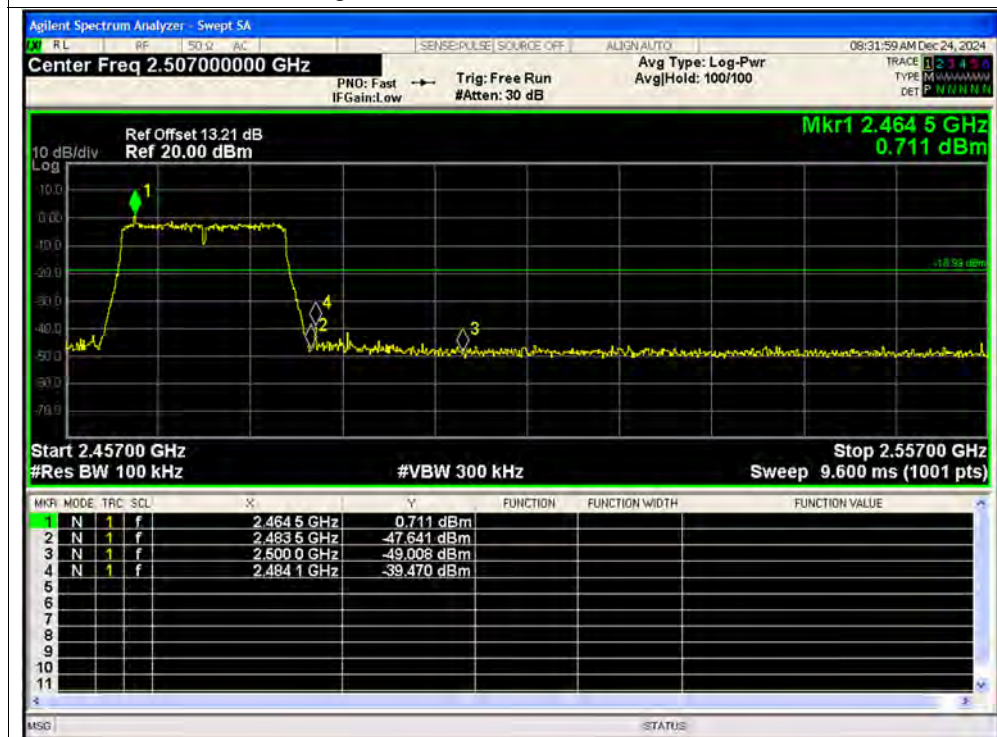
Band Edge NVNT n20 2412MHz Ant2 Emission



Band Edge NVNT n20 2472MHz Ant2 Ref



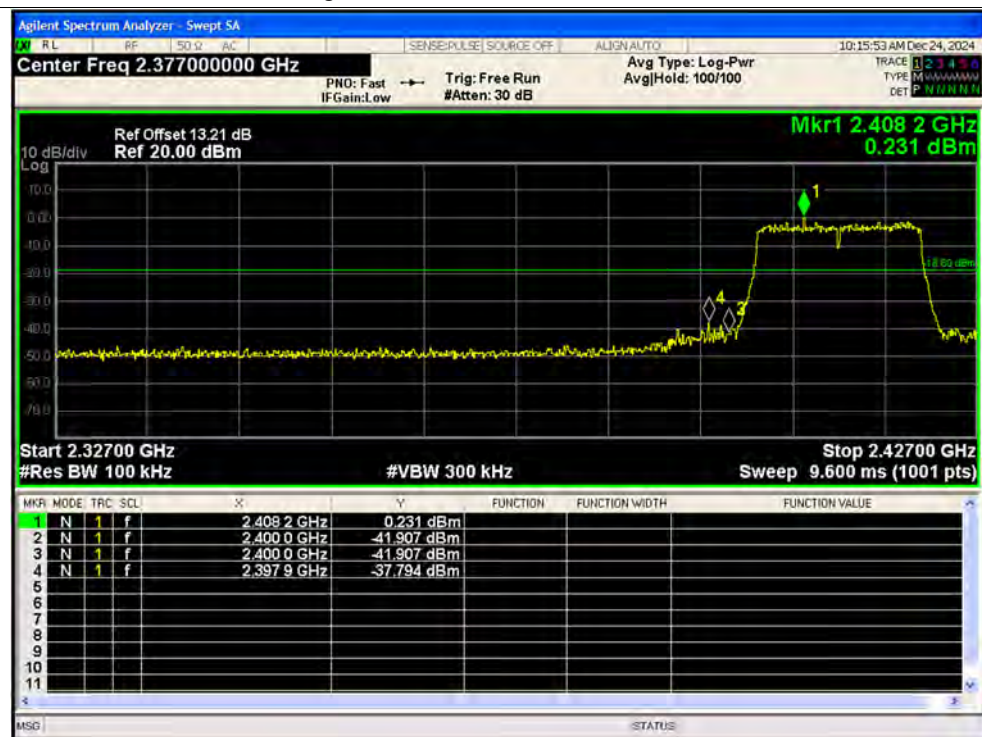
Band Edge NVNT n20 2472MHz Ant2 Emission



Band Edge NVNT n20 2412MHz Ant1 Ref



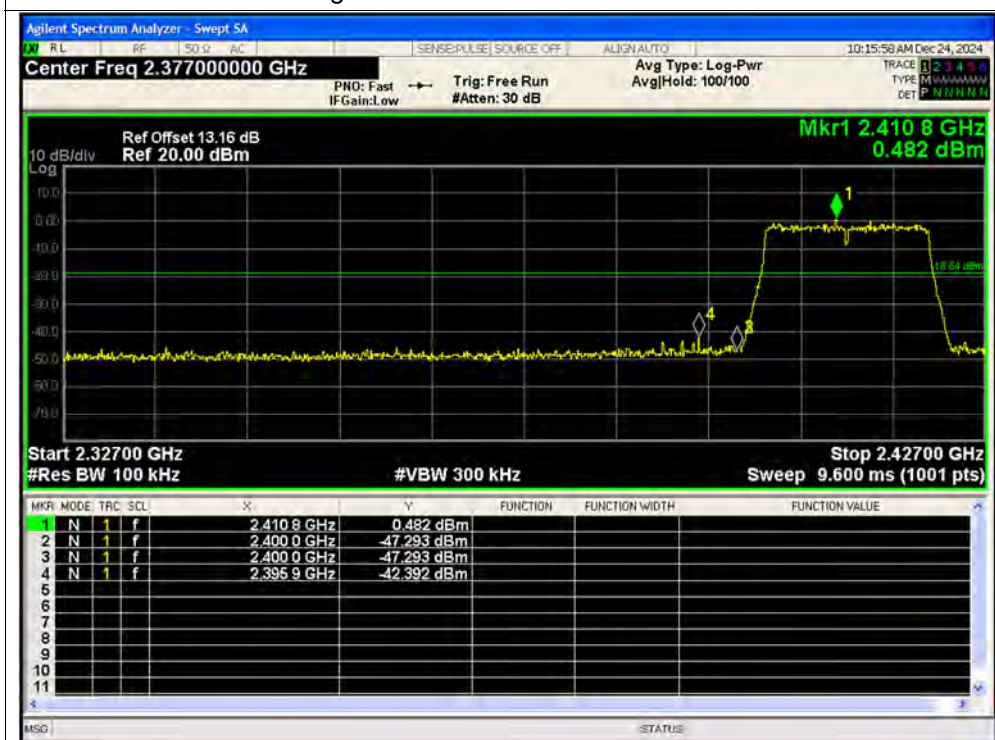
Band Edge NVNT n20 2412MHz Ant1 Emission



Band Edge NVNT n20 2412MHz Ant2 Ref



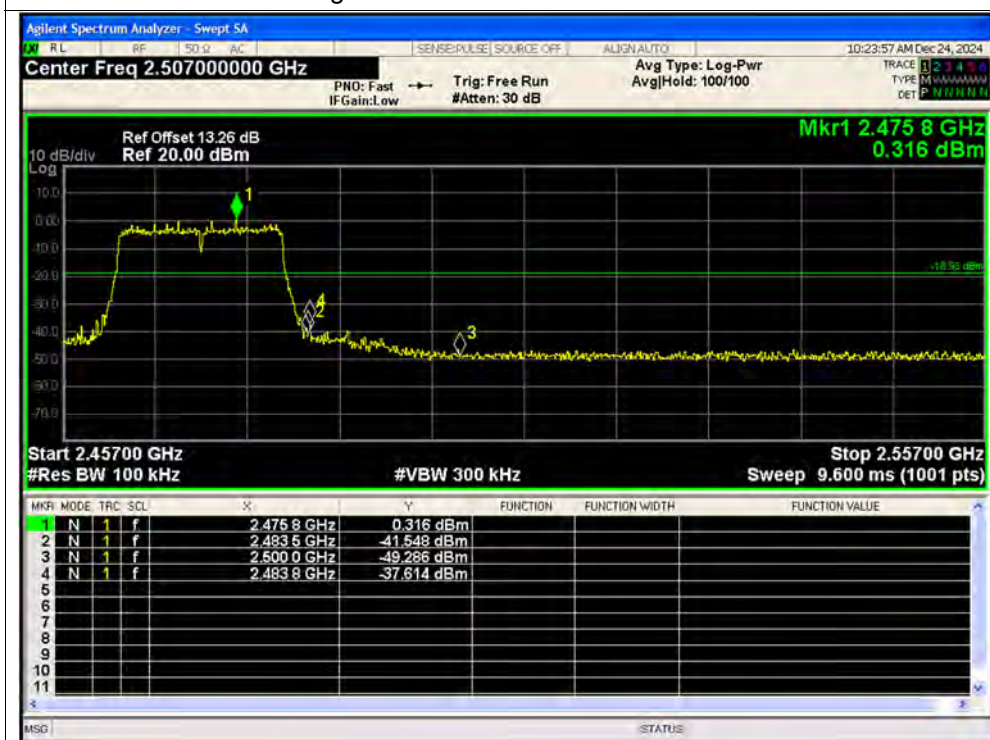
Band Edge NVNT n20 2412MHz Ant2 Emission



Band Edge NVNT n20 2472MHz Ant1 Ref



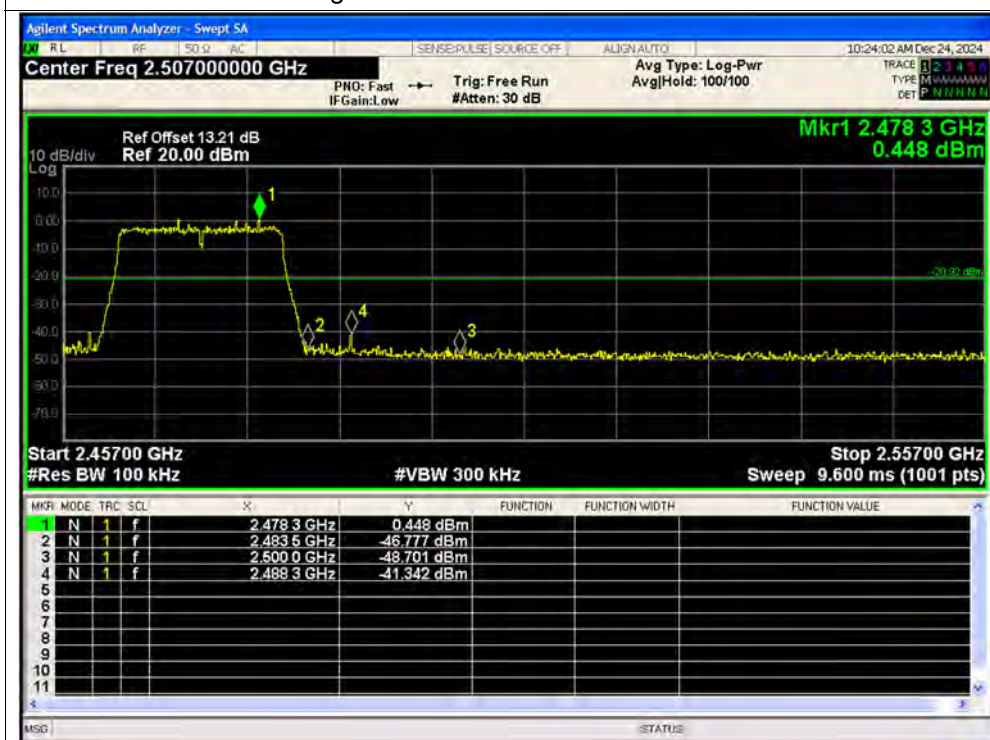
Band Edge NVNT n20 2472MHz Ant1 Emission



Band Edge NVNT n20 2472MHz Ant2 Ref



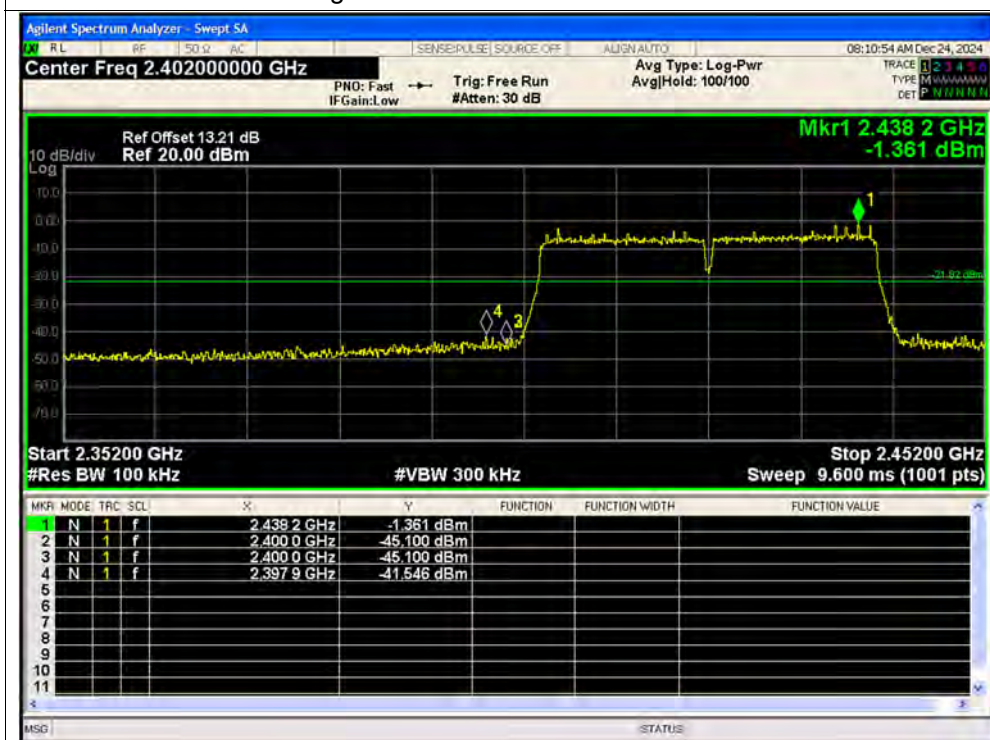
Band Edge NVNT n20 2472MHz Ant2 Emission



Band Edge NVNT n40 2422MHz Ant1 Ref



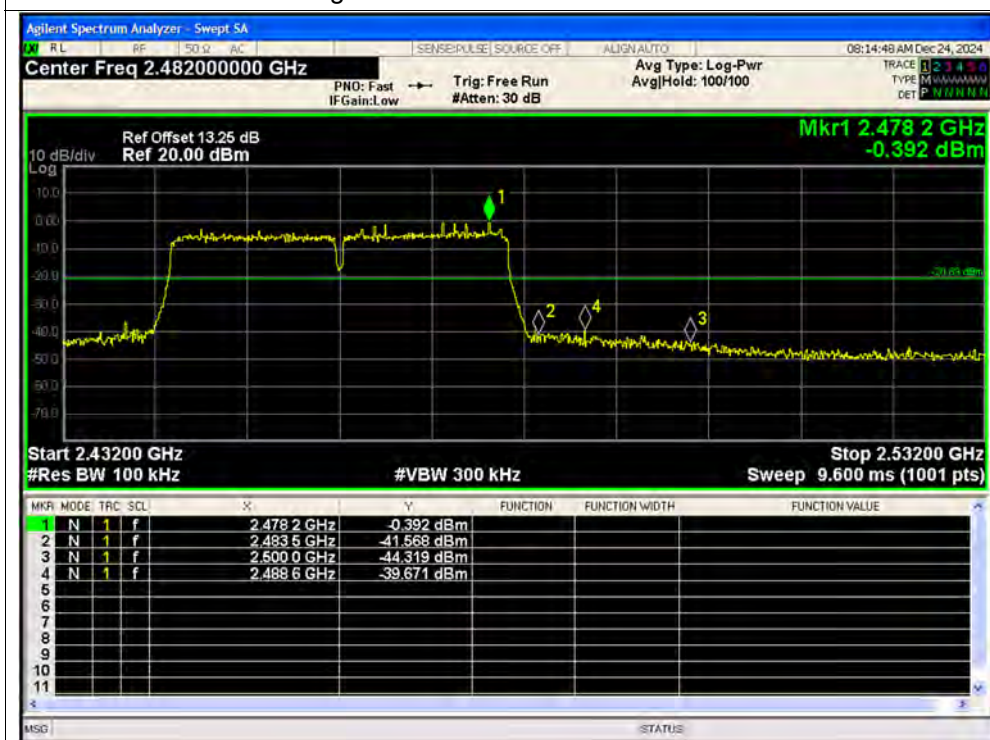
Band Edge NVNT n40 2422MHz Ant1 Emission



Band Edge NVNT n40 2462MHz Ant1 Ref



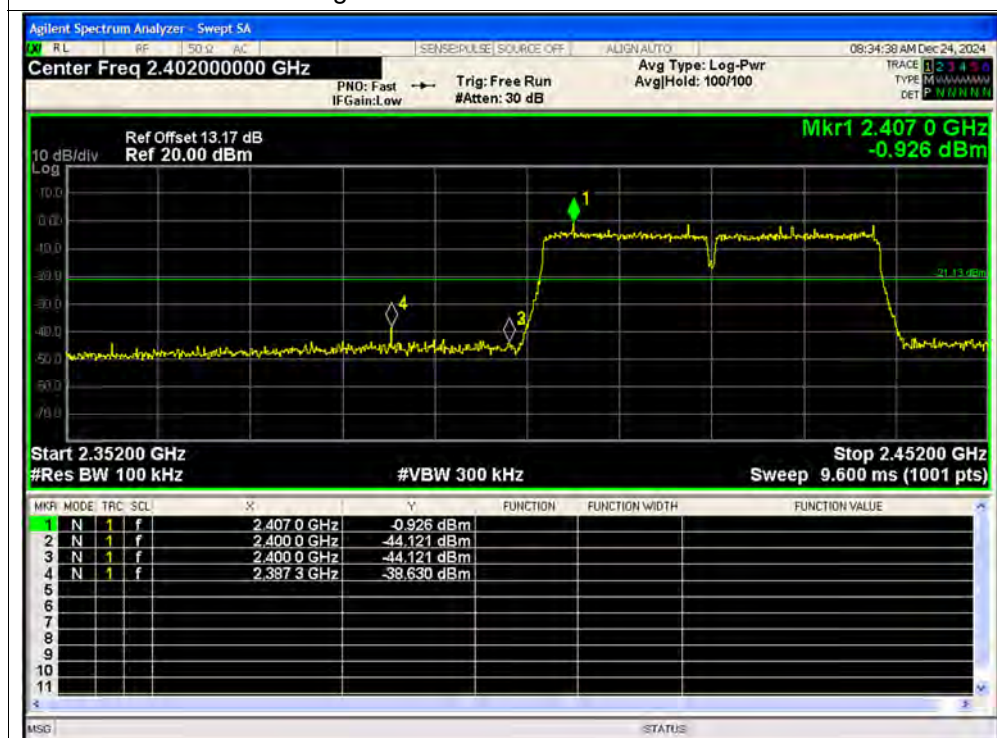
Band Edge NVNT n40 2462MHz Ant1 Emission



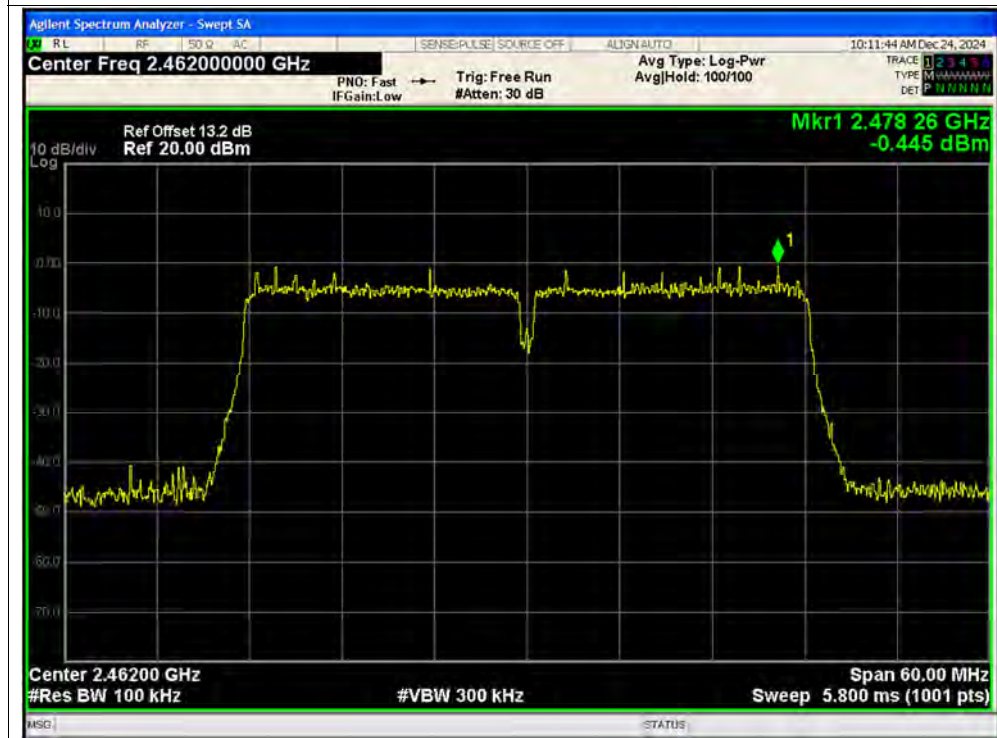
Band Edge NVNT n40 2422MHz Ant2 Ref



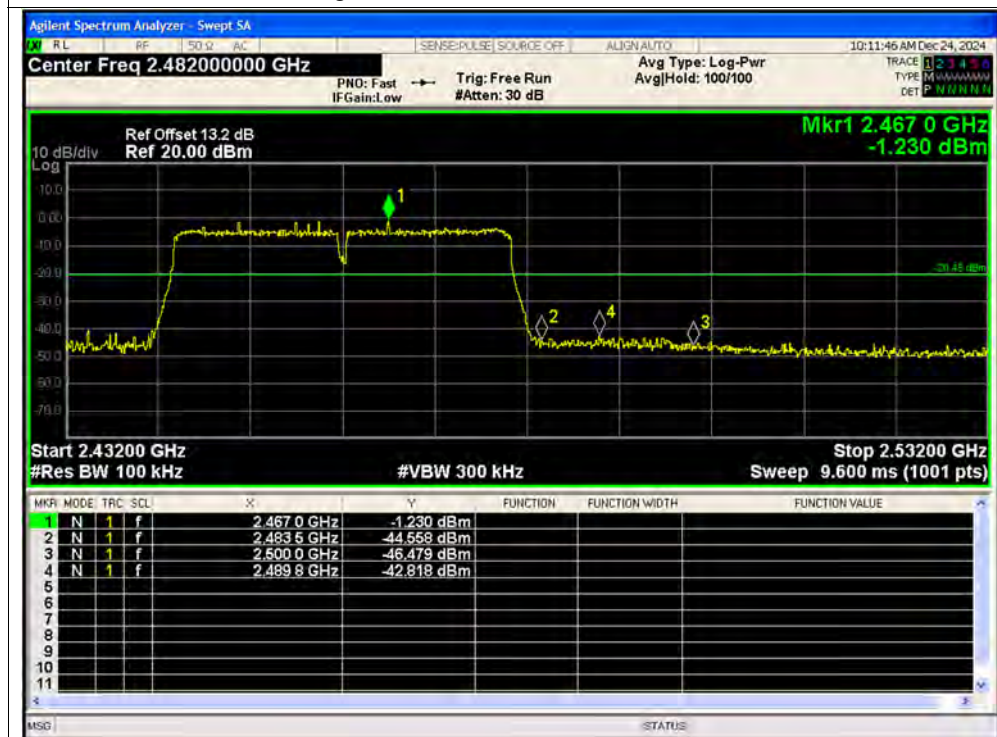
Band Edge NVNT n40 2422MHz Ant2 Emission



Band Edge NVNT n40 2462MHz Ant2 Ref



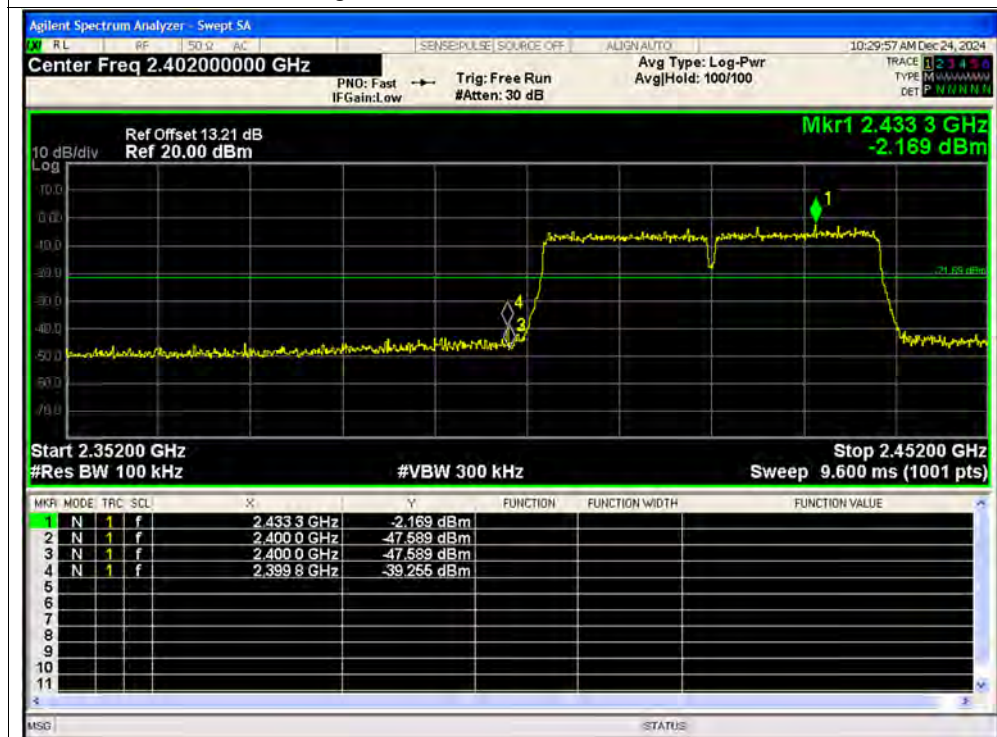
Band Edge NVNT n40 2462MHz Ant2 Emission



Band Edge NVNT n40 2422MHz Ant1 Ref



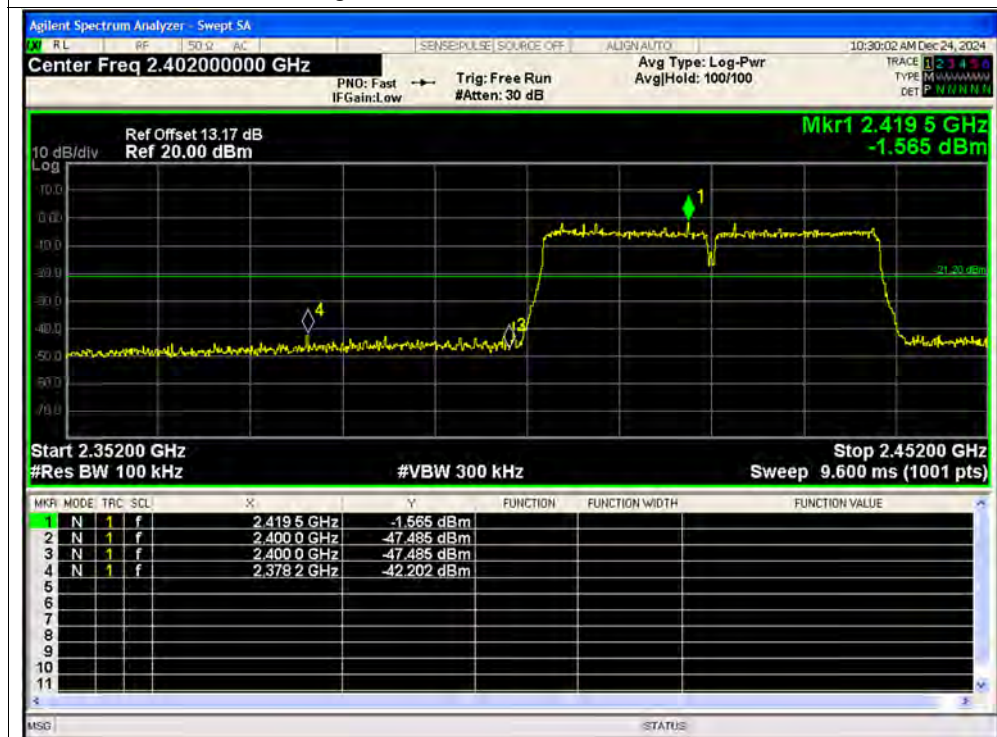
Band Edge NVNT n40 2422MHz Ant1 Emission



Band Edge NVNT n40 2422MHz Ant2 Ref



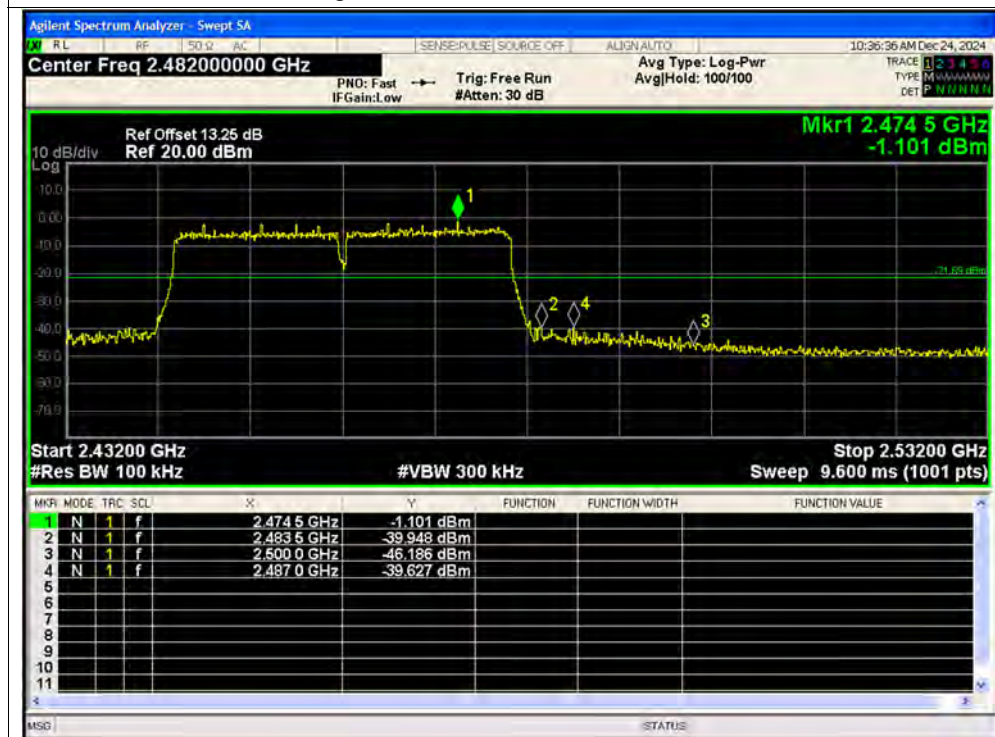
Band Edge NVNT n40 2422MHz Ant2 Emission



Band Edge NVNT n40 2462MHz Ant1 Ref



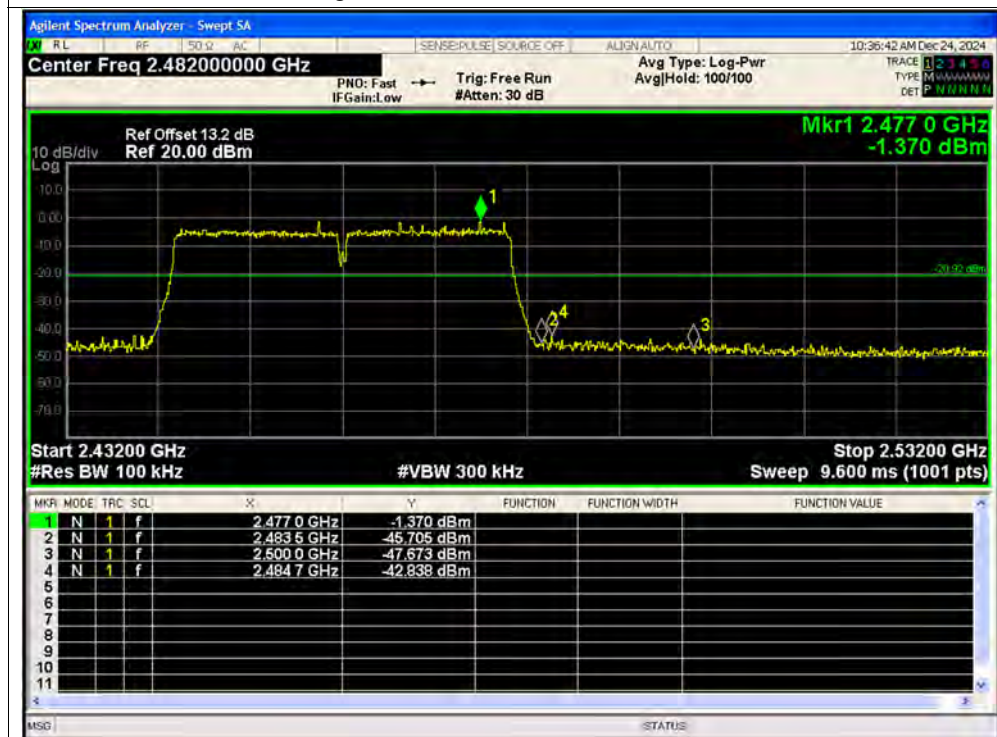
Band Edge NVNT n40 2462MHz Ant1 Emission



Band Edge NVNT n40 2462MHz Ant2 Ref



Band Edge NVNT n40 2462MHz Ant2 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	-4.99	0	-4.99	8	Pass
NVNT	b	2442	Ant1	-16.59	0	-16.59	8	Pass
NVNT	b	2472	Ant1	-7.27	0	-7.27	8	Pass
NVNT	b	2412	Ant2	-3.65	0	-3.65	8	Pass
NVNT	b	2442	Ant2	-4.36	0	-4.36	8	Pass
NVNT	b	2472	Ant2	-4.79	0	-4.79	8	Pass
NVNT	g	2412	Ant1	-13.9	0	-13.9	8	Pass
NVNT	g	2442	Ant1	-13.42	0	-13.42	8	Pass
NVNT	g	2472	Ant1	-13.71	0	-13.71	8	Pass
NVNT	g	2412	Ant2	-12.68	0	-12.68	8	Pass
NVNT	g	2442	Ant2	-12.95	0	-12.95	8	Pass
NVNT	g	2472	Ant2	-13.17	0	-13.17	8	Pass
NVNT	n20	2412	Ant1	-13.57	0	-13.57	8	Pass
NVNT	n20	2442	Ant1	-13.29	0	-13.29	8	Pass
NVNT	n20	2472	Ant1	-13.72	0	-13.72	8	Pass
NVNT	n20	2412	Ant2	-11.74	0	-11.74	8	Pass
NVNT	n20	2442	Ant2	-13.06	0	-13.06	8	Pass
NVNT	n20	2472	Ant2	-13.19	0	-13.19	8	Pass
NVNT	n20	2412	Ant1	-13.28	0	-13.28	8	Pass
NVNT	n20	2412	Ant2	-13.12	0	-13.12	8	Pass
NVNT	n20	2412	Sum	-10.19	0	-10.19	6.59	Pass
NVNT	n20	2442	Ant1	-13.56	0	-13.56	8	Pass
NVNT	n20	2442	Ant2	-13.69	0	-13.69	8	Pass
NVNT	n20	2442	Sum	-10.61	0	-10.61	6.59	Pass
NVNT	n20	2472	Ant1	-13.36	0	-13.36	8	Pass
NVNT	n20	2472	Ant2	-13.47	0	-13.47	8	Pass
NVNT	n20	2472	Sum	-10.4	0	-10.4	6.59	Pass
NVNT	n40	2422	Ant1	-16.56	0	-16.56	8	Pass
NVNT	n40	2442	Ant1	-16.41	0	-16.41	8	Pass
NVNT	n40	2462	Ant1	-15.29	0	-15.29	8	Pass
NVNT	n40	2422	Ant2	-15.59	0	-15.59	8	Pass
NVNT	n40	2442	Ant2	-15.17	0	-15.17	8	Pass
NVNT	n40	2462	Ant2	-15.1	0	-15.1	8	Pass
NVNT	n40	2422	Ant1	-15.98	0	-15.98	8	Pass



NVNT	n40	2422	Ant2	-15.18	0	-15.18	8	Pass
NVNT	n40	2422	Sum	-12.55	0	-12.55	6.59	Pass
NVNT	n40	2442	Ant1	-15.6	0	-15.6	8	Pass
NVNT	n40	2442	Ant2	-15.51	0	-15.51	8	Pass
NVNT	n40	2442	Sum	-12.54	0	-12.54	6.59	Pass
NVNT	n40	2462	Ant1	-15.94	0	-15.94	8	Pass
NVNT	n40	2462	Ant2	-15.31	0	-15.31	8	Pass
NVNT	n40	2462	Sum	-12.6	0	-12.6	6.59	Pass

Note: Directional gain = $10\log[(10^{G0/20}+10^{G1/20})^2/2] = 7.41\text{dBi} > 6\text{dBi}$, so the PSD limit shall be reduced to 8-(7.41-6) = 6.59dBm/3kHz.

Test Graphs

PSD NVNT b 2412MHz Ant1



PSD NVNT b 2442MHz Ant1



PSD NVNT b 2472MHz Ant1



PSD NVNT b 2412MHz Ant2





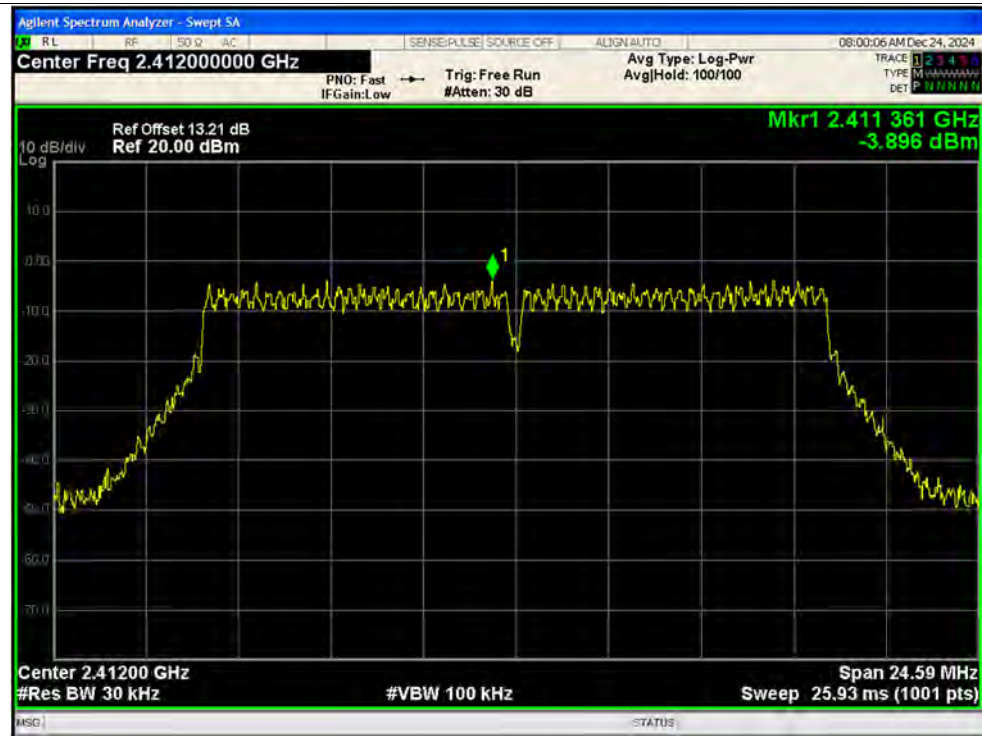
PSD NVNT b 2442MHz Ant2



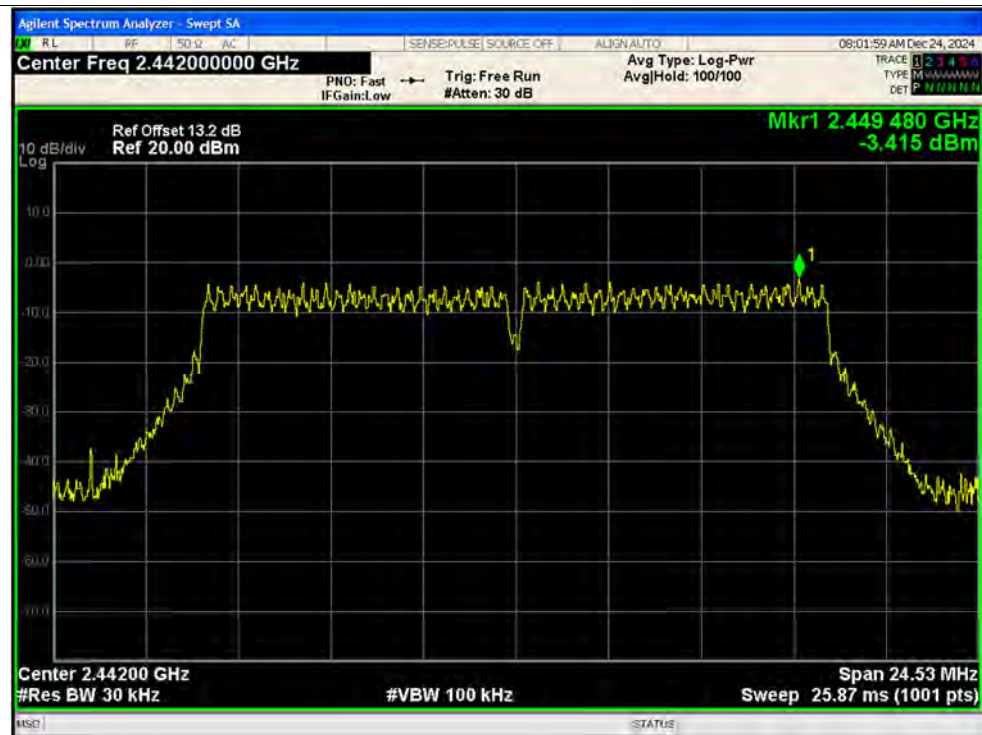
PSD NVNT b 2472MHz Ant2



PSD NVNT g 2412MHz Ant1



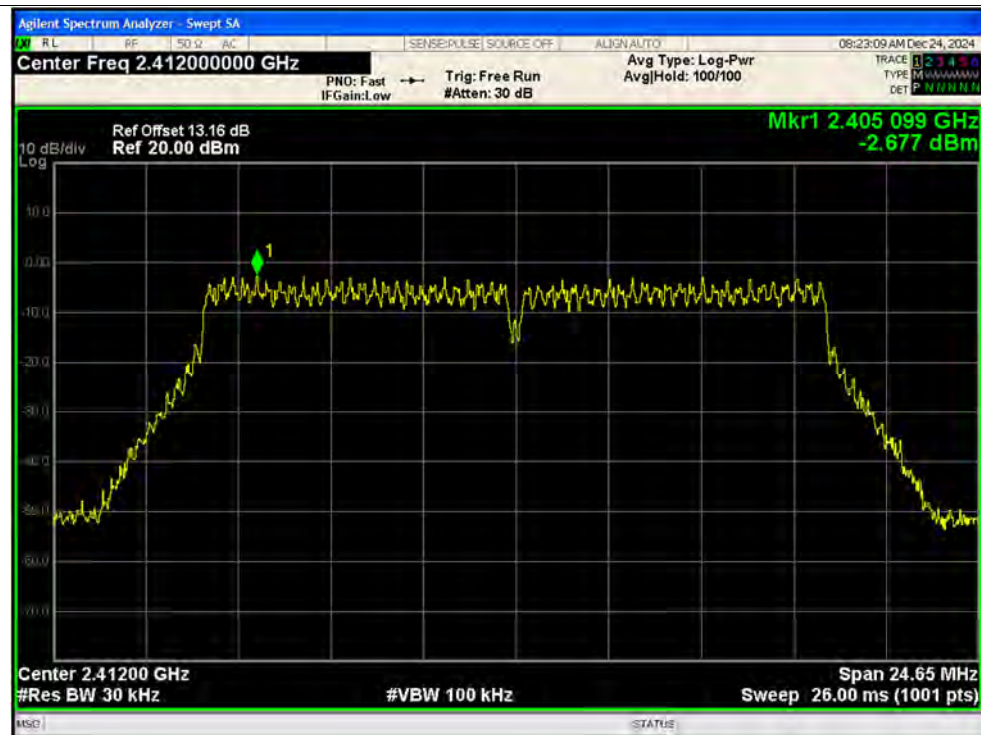
PSD NVNT g 2442MHz Ant1



PSD NVNT g 2472MHz Ant1



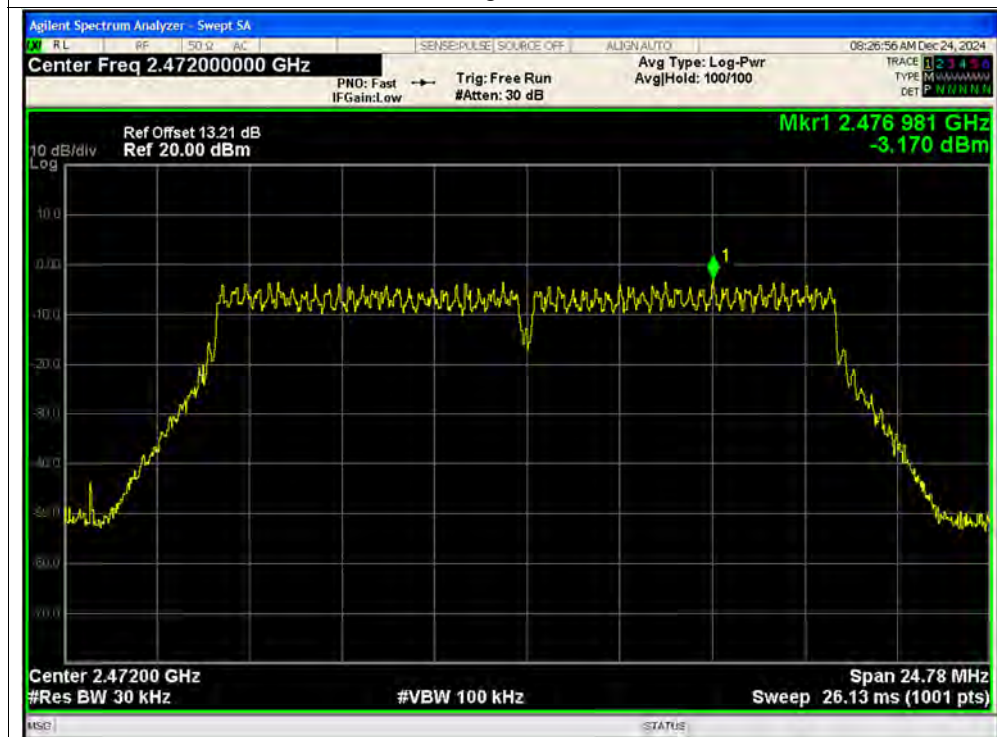
PSD NVNT g 2412MHz Ant2



PSD NVNT g 2442MHz Ant2



PSD NVNT g 2472MHz Ant2



PSD NVNT n20 2412MHz Ant1



PSD NVNT n20 2442MHz Ant1



PSD NVNT n20 2472MHz Ant1



PSD NVNT n20 2412MHz Ant2



PSD NVNT n20 2442MHz Ant2



PSD NVNT n20 2472MHz Ant2



PSD NVNT n20 2412MHz Ant1



PSD NVNT n20 2412MHz Ant2



PSD NVNT n20 2442MHz Ant1



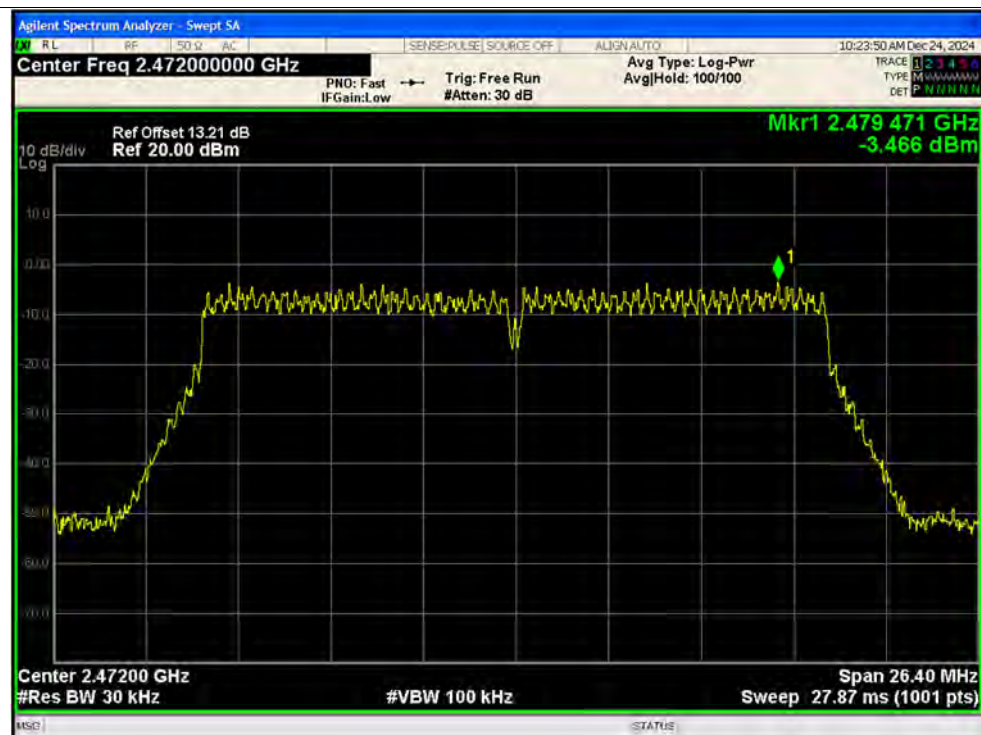
PSD NVNT n20 2442MHz Ant2



PSD NVNT n20 2472MHz Ant1



PSD NVNT n20 2472MHz Ant2



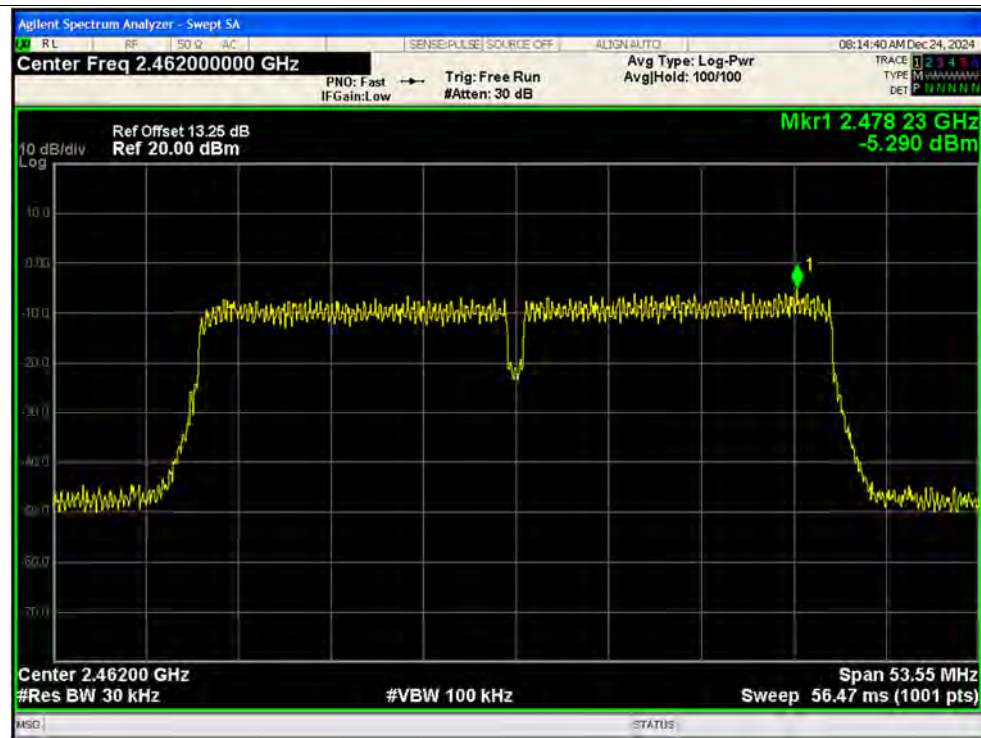
PSD NVNT n40 2422MHz Ant1



PSD NVNT n40 2442MHz Ant1



PSD NVNT n40 2462MHz Ant1



PSD NVNT n40 2422MHz Ant2

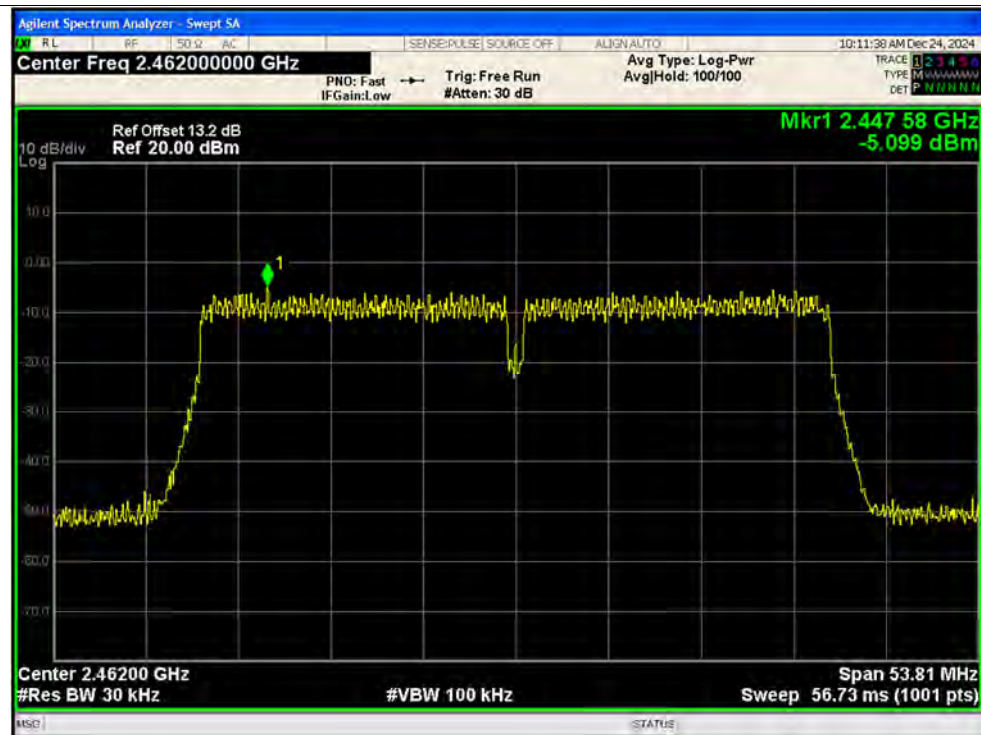




PSD NVNT n40 2442MHz Ant2



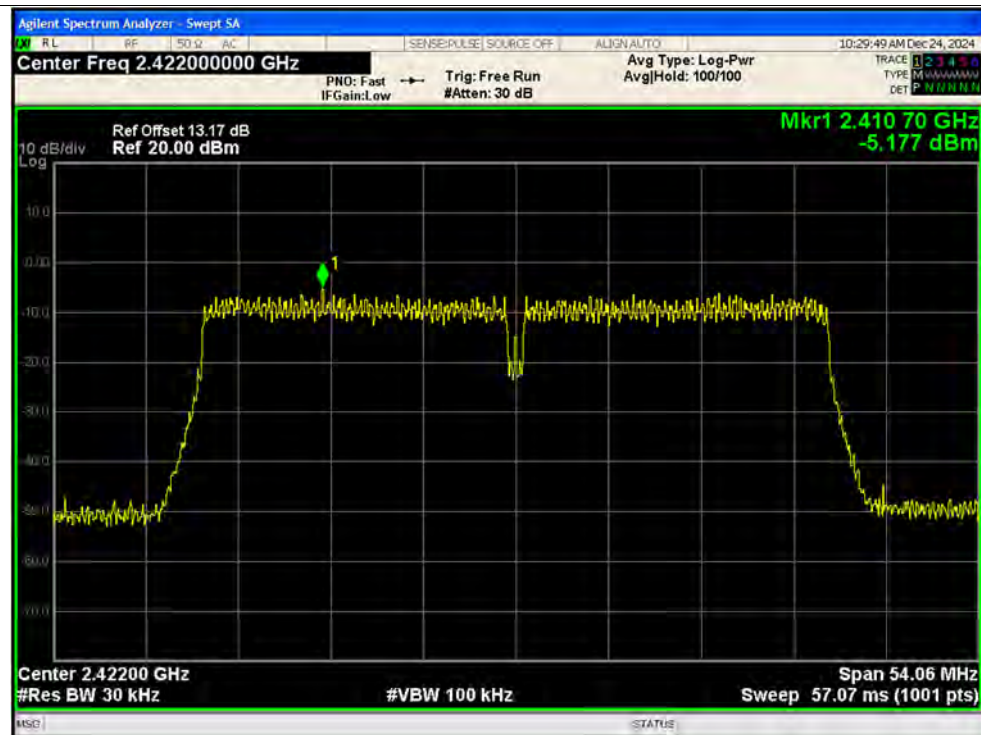
PSD NVNT n40 2462MHz Ant2



PSD NVNT n40 2422MHz Ant1



PSD NVNT n40 2422MHz Ant2



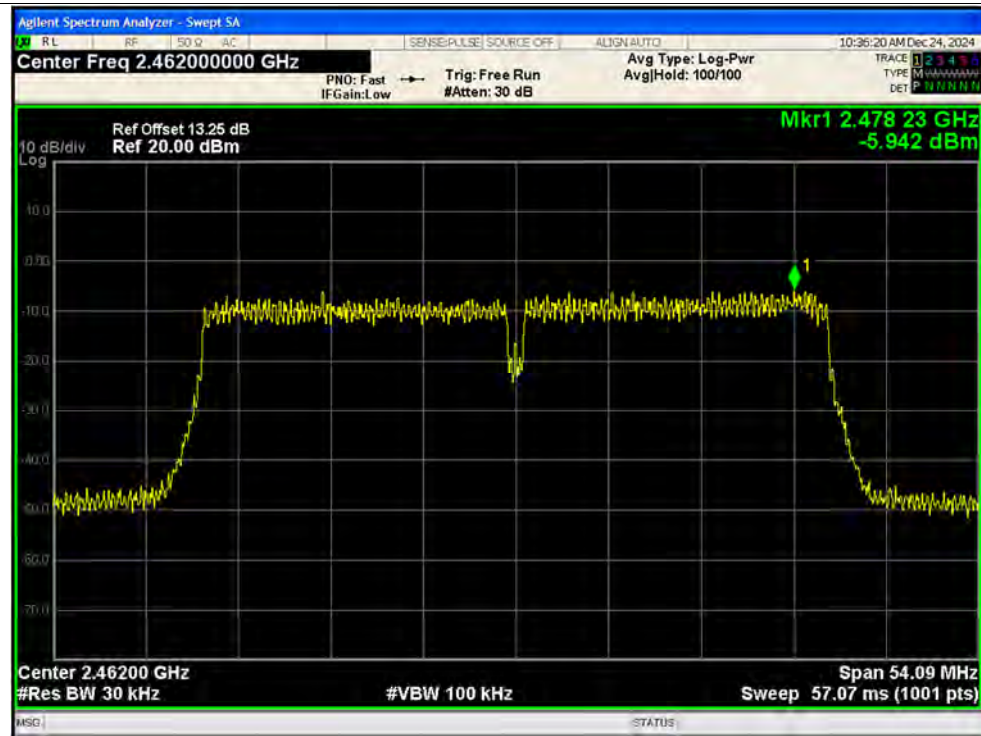
PSD NVNT n40 2442MHz Ant1



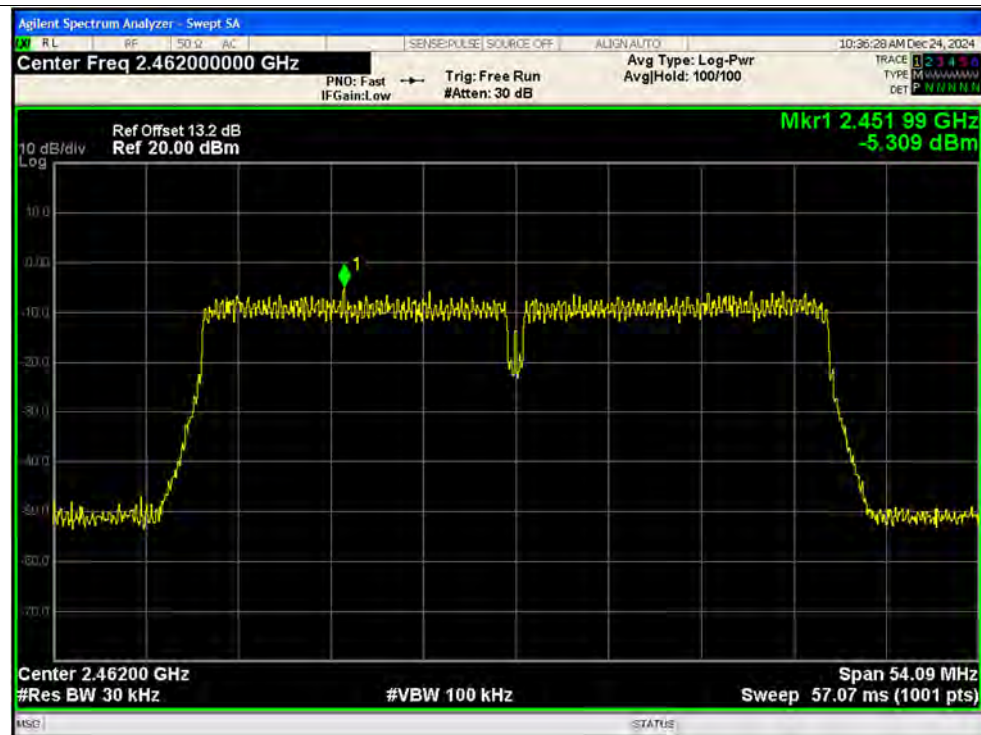
PSD NVNT n40 2442MHz Ant2



PSD NVNT n40 2462MHz Ant1



PSD NVNT n40 2462MHz 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+Data cable+PC+TV+HDMI cable+Controller+ WIFI TX

Test voltage: AC 120V/60Hz

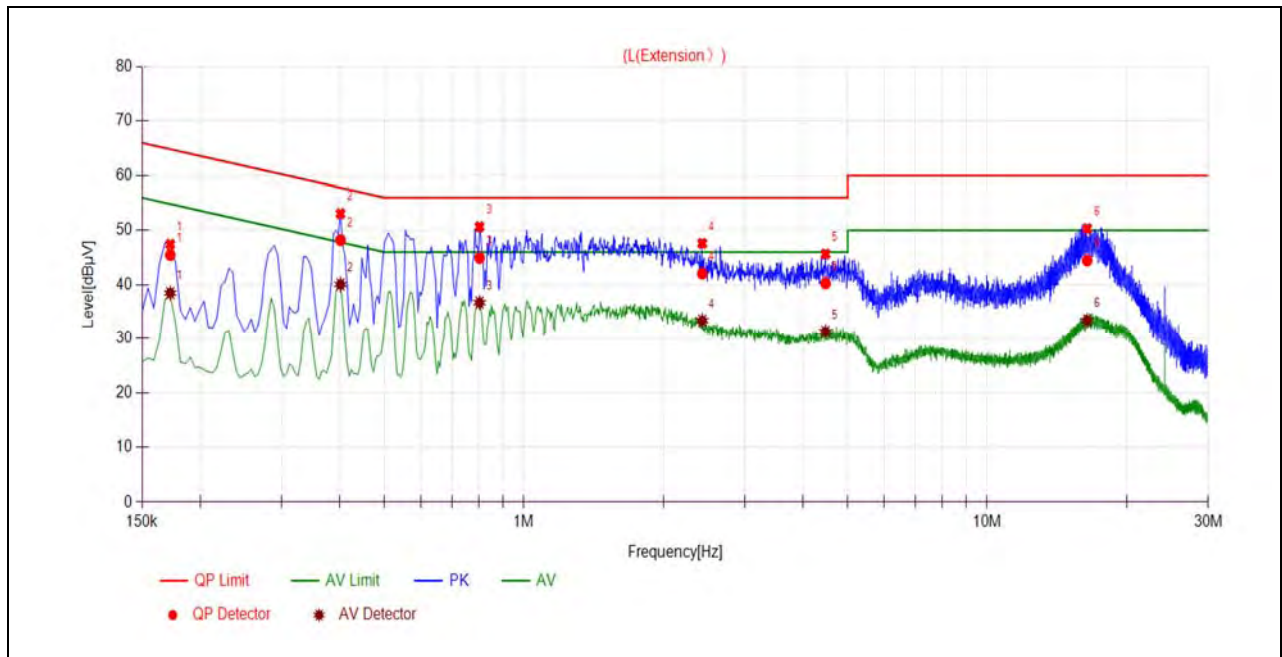
The measurement results are obtained as below:

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

U_R : Receiver Reading

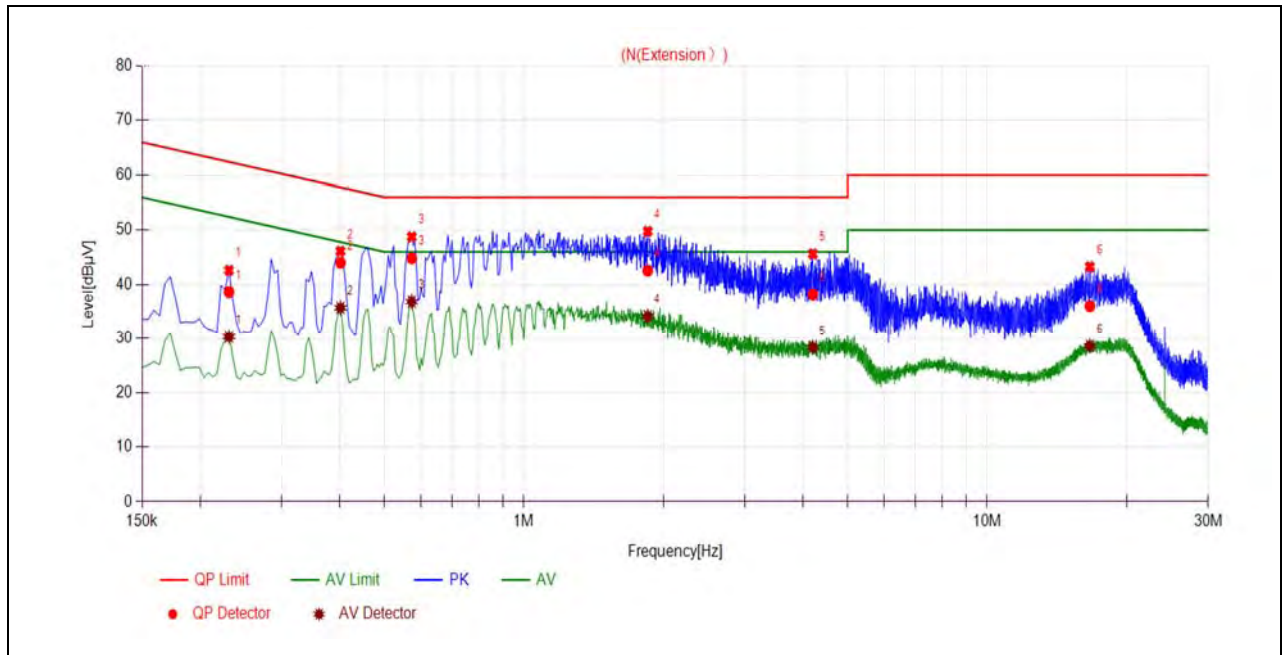
A_{Factor} : Voltage division factor of LISN

B. Test Plot:



(L Phase)

No.	Fre. (MHz)	Emission Level (dBμV)		Limit (dBμV)		Power-line	Verdict
		Quai-peak	Average	Quai-peak	Average		
1	0.1725	45.47	38.46	64.84	54.84	Line	PASS
2	0.4020	48.22	40.07	57.81	47.81		PASS
3	0.8025	44.93	36.70	56.00	46.00		PASS
4	2.4272	42.06	33.38	56.00	46.00		PASS
5	4.4789	40.28	31.28	56.00	46.00		PASS
6	16.4390	44.48	33.41	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	0.2310	38.63	30.31	62.41	52.41	Neutral	PASS
2	0.4020	44.02	35.74	57.81	47.81		PASS
3	0.5730	44.85	36.88	56.00	46.00		PASS
4	1.8508	42.57	34.19	56.00	46.00		PASS
5	4.2044	38.20	28.34	56.00	46.00		PASS
6	16.6596	36.03	28.59	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

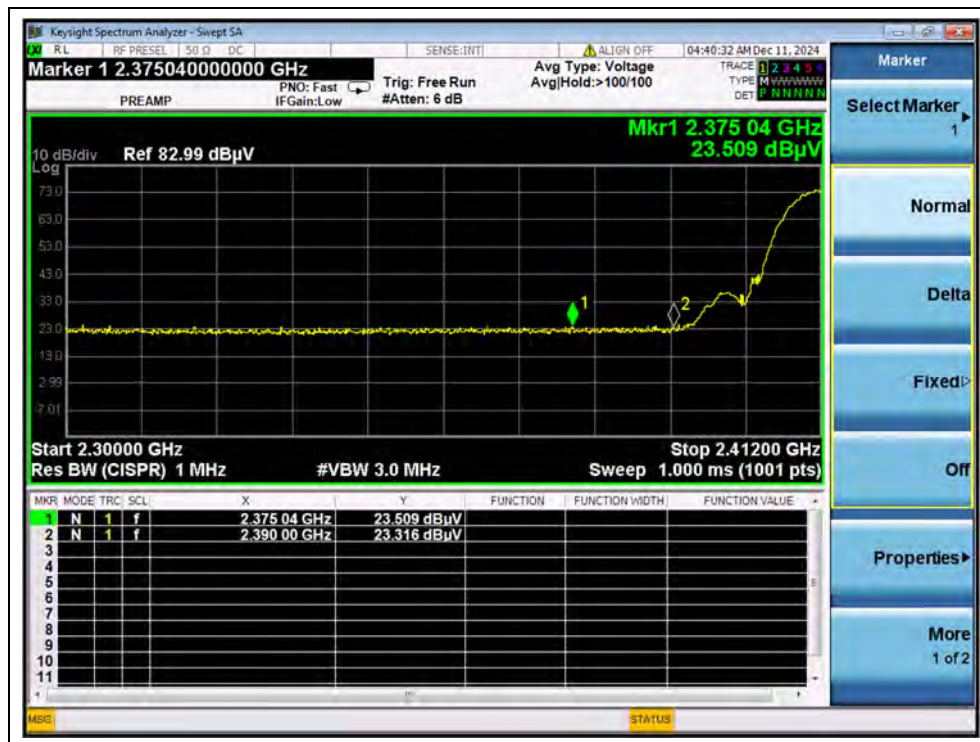
A_{Factor} : Antenna Factor at 3m

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: 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						
0	2375.04	PK	23.51	7.20	28.80	59.51	74	PASS
0	2390.00	AV	12.84	7.20	28.80	48.84	54	PASS
13	2483.6	PK	20.67	9.65	28.80	59.12	74	PASS
13	2486.32	AV	9.17	9.65	28.80	47.62	54	PASS



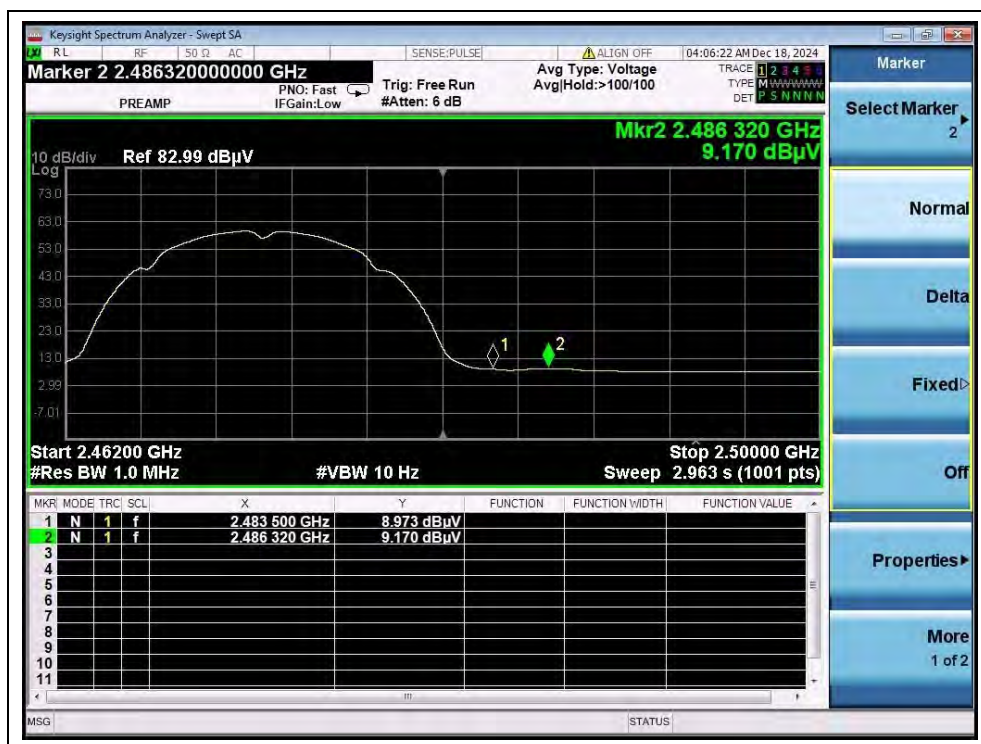
(PEAK, Channel 1, 802.11b)



(AVERAGE, Channel 1, 802.11b)



(PEAK, Channel 13, 802.11b)



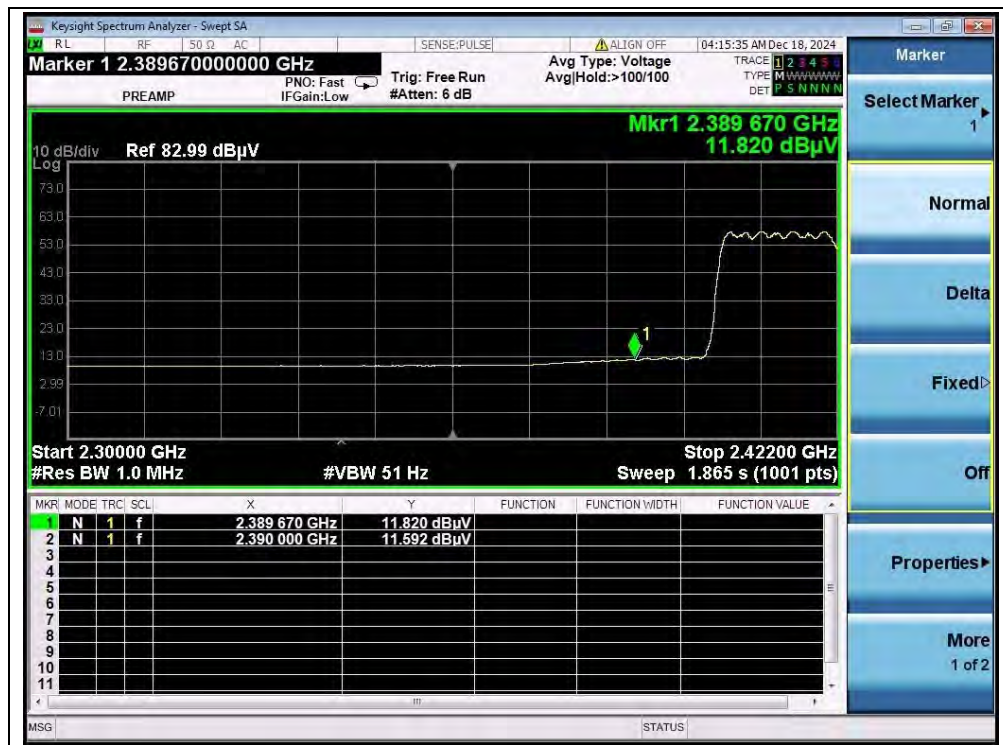
(AVERAGE, Channel 13, 802.11b)

**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	2386.01	PK	29.95	9.65	28.80	68.40	74	PASS
3	2389.67	AV	11.82	9.65	28.80	50.27	54	PASS
11	2484.72	PK	27.54	9.65	28.80	65.99	74	PASS
11	2483.50	AV	12.29	9.65	28.80	50.74	54	PASS



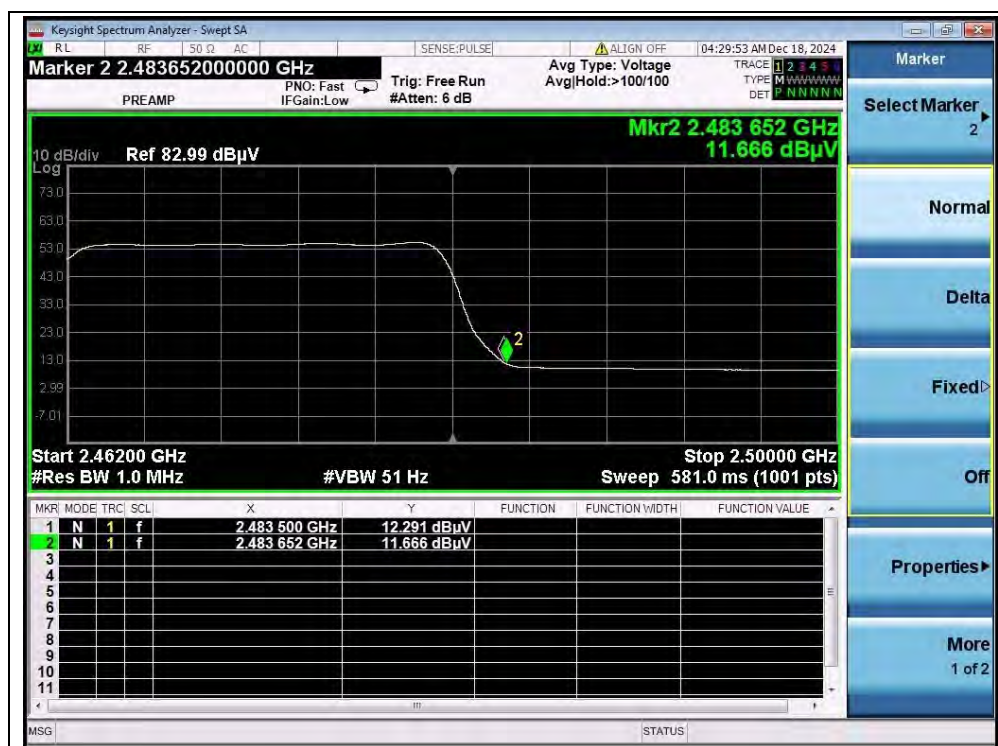
(PEAK, Channel 3, 802.11n (HT40))



(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:

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

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.

Note 1: 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.

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

Note 3: 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.

Note 4: 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.

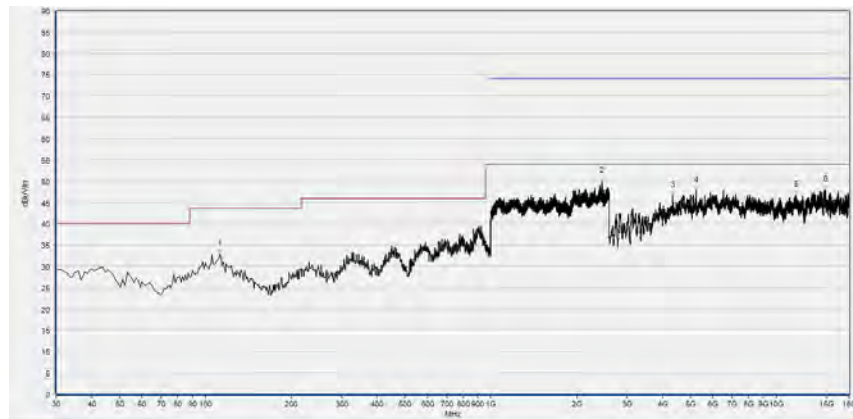
Field strength of fundamental:

Frequency (MHz)	Reading_Peak (dB μ V/m)	Antenna Factor (dB)	Path Loss (dB)	Final_Peak (dB μ V/m)	Antenna Polarity
2411.98	64.10	28.80	9.65	102.55	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
112.450	32.89	N/A	N/A	N/A	43.50	N/A	Horizontal	PASS
2457.600	49.97	N/A	N/A	74.00	N/A	54.00	Horizontal	PASS
4337.120	46.61	N/A	N/A	74.00	N/A	54.00	Horizontal	PASS
5236.480	47.69	N/A	N/A	74.00	N/A	54.00	Horizontal	PASS
11769.160	46.73	N/A	N/A	74.00	N/A	54.00	Horizontal	PASS
14858.400	47.92	N/A	N/A	74.00	N/A	54.00	Horizontal	PASS

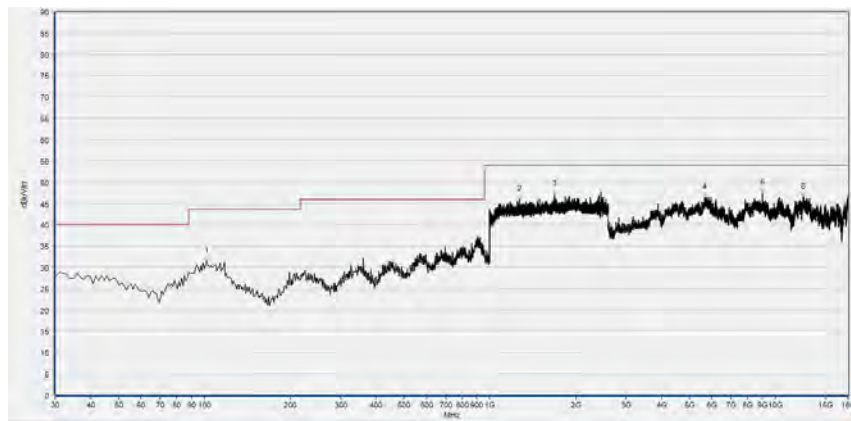
(Antenna Horizontal, 30MHz to 18GHz)



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	32.39	N/A	N/A	N/A	43.50	N/A	Vertical	PASS
2414.400	49.40	N/A	N/A	74.00	N/A	54.00	Vertical	PASS
3936.720	46.22	N/A	N/A	74.00	N/A	54.00	Vertical	PASS
4746.760	48.61	N/A	N/A	74.00	N/A	54.00	Vertical	PASS
10312.320	46.28	N/A	N/A	74.00	N/A	54.00	Vertical	PASS
14756.760	48.09	N/A	N/A	74.00	N/A	54.00	Vertical	PASS

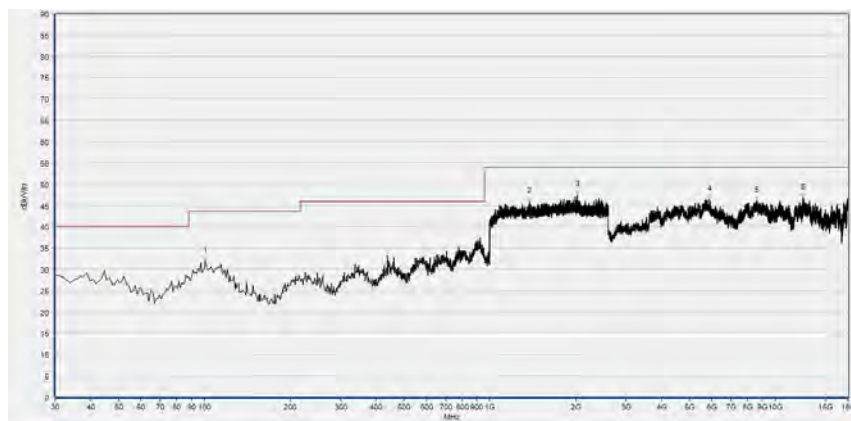
(Antenna Vertical, 30MHz to 18GHz)

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
101.779	31.39	N/A	N/A	N/A	43.50	N/A	Horizontal	PASS
1273.071	45.90	N/A	N/A	74.00	N/A	54.00	Horizontal	PASS
1685.345	47.17	N/A	N/A	74.00	N/A	54.00	Horizontal	PASS
5655.359	46.45	N/A	N/A	74.00	N/A	54.00	Horizontal	PASS
9037.210	47.42	N/A	N/A	74.00	N/A	54.00	Horizontal	PASS
12489.790	46.44	N/A	N/A	74.00	N/A	54.00	Horizontal	PASS

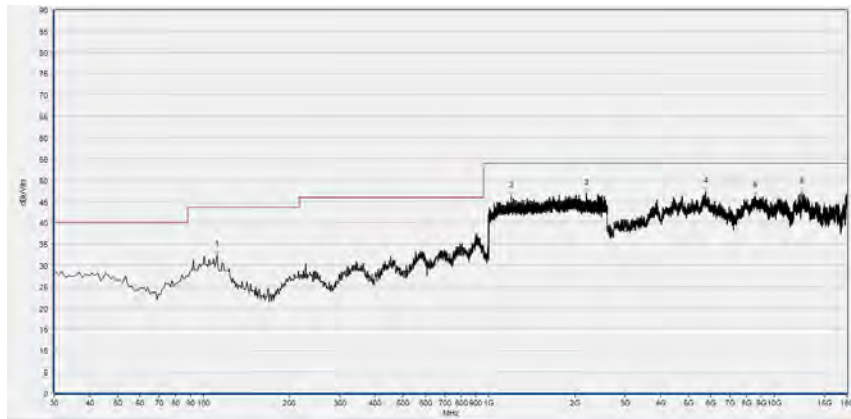
(Antenna Horizontal, 30MHz to 18GHz)



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
100.821	31.98	N/A	N/A	N/A	43.50	N/A	Vertical	PASS
1375.465	45.85	N/A	N/A	74.00	N/A	54.00	Vertical	PASS
2029.868	47.47	N/A	N/A	74.00	N/A	54.00	Vertical	PASS
5867.879	46.41	N/A	N/A	74.00	N/A	54.00	Vertical	PASS
8587.519	46.01	N/A	N/A	74.00	N/A	54.00	Vertical	PASS
12551.461	46.77	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
111.481	32.26	N/A	N/A	N/A	43.50	N/A	Horizontal	PASS
1198.420	46.22	N/A	N/A	74.00	N/A	54.00	Horizontal	PASS
2195.215	46.97	N/A	N/A	74.00	N/A	54.00	Horizontal	PASS
5735.435	47.23	N/A	N/A	74.00	N/A	54.00	Horizontal	PASS
8559.812	46.21	N/A	N/A	74.00	N/A	54.00	Horizontal	PASS
12517.621	47.16	N/A	N/A	74.00	N/A	54.00	Horizontal	PASS

(Antenna Horizontal, 30MHz to 18GHz)



Fre. (MHz)	PK (dBμV/m)	QP (dBμV/m)	AV (dBμV/m)	Limit-PK (dBμV/m)	Limit-QP (dBμV/m)	Limit-AV (dBμV/m)	Antenna	Verdict
103.719	30.77	N/A	N/A	N/A	43.50	N/A	Vertical	PASS
1138.125	45.64	N/A	N/A	74.00	N/A	54.00	Vertical	PASS
1953.619	47.36	N/A	N/A	74.00	N/A	54.00	Vertical	PASS
5516.724	46.15	N/A	N/A	74.00	N/A	54.00	Vertical	PASS
8442.786	46.36	N/A	N/A	74.00	N/A	54.00	Vertical	PASS
12465.221	46.26	N/A	N/A	74.00	N/A	54.00	Vertical	PASS

(Antenna Vertical, 30MHz to 18GHz)

END OF REPORT