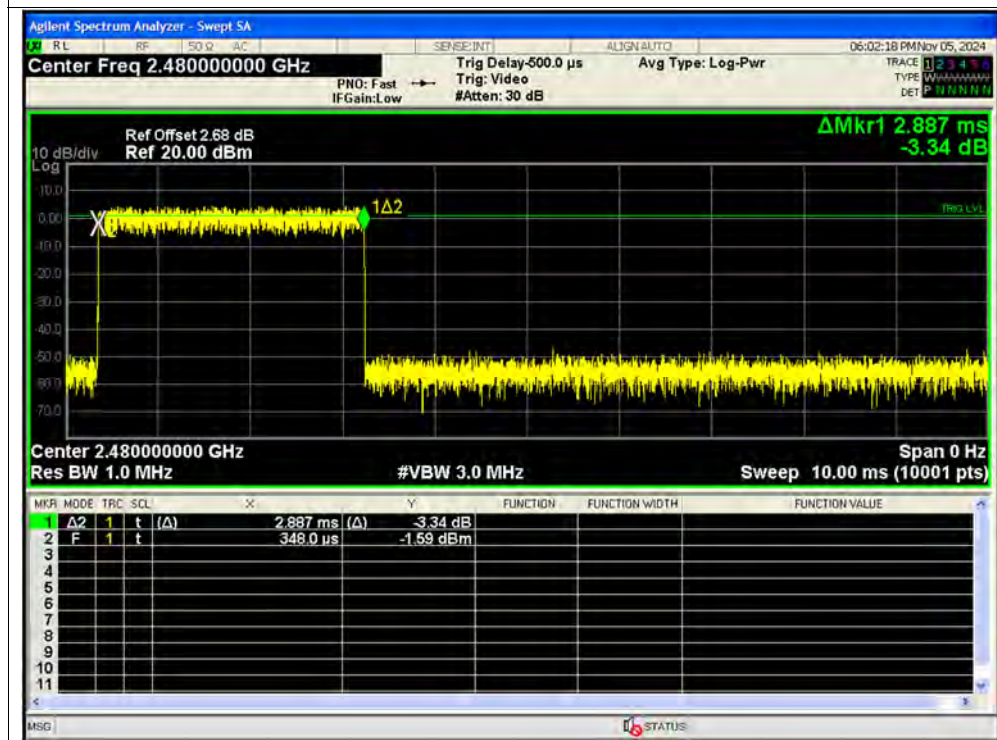


Dwell NVNT 2-DH5 2480MHz Ant1 One Burst

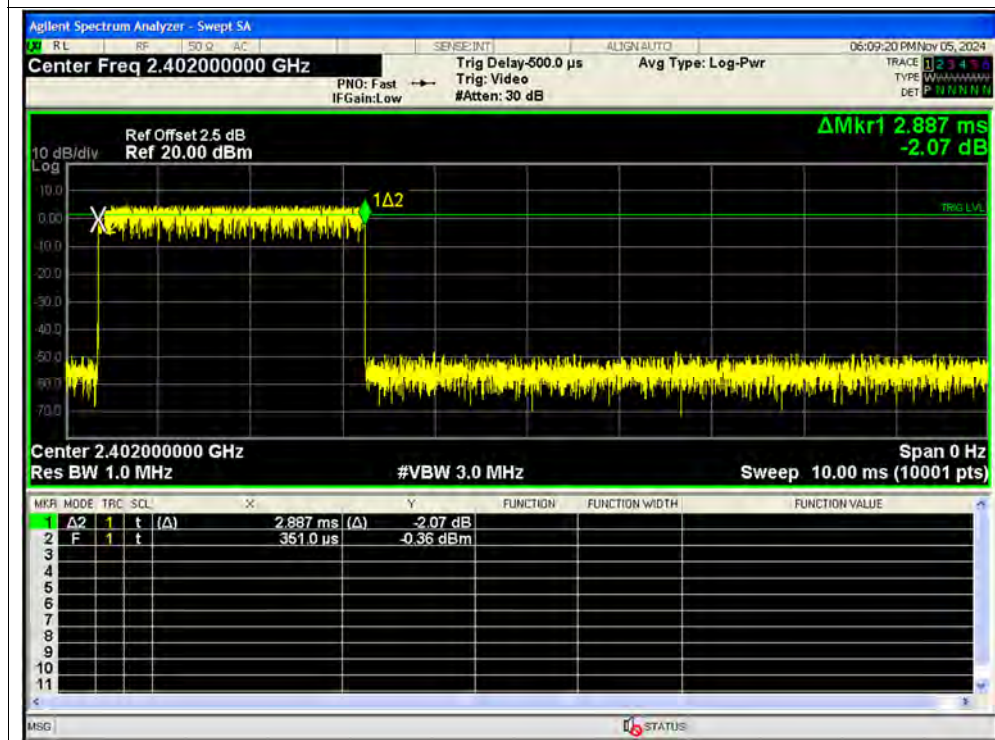


Dwell NVNT 2-DH5 2480MHz Ant1 Accumulated

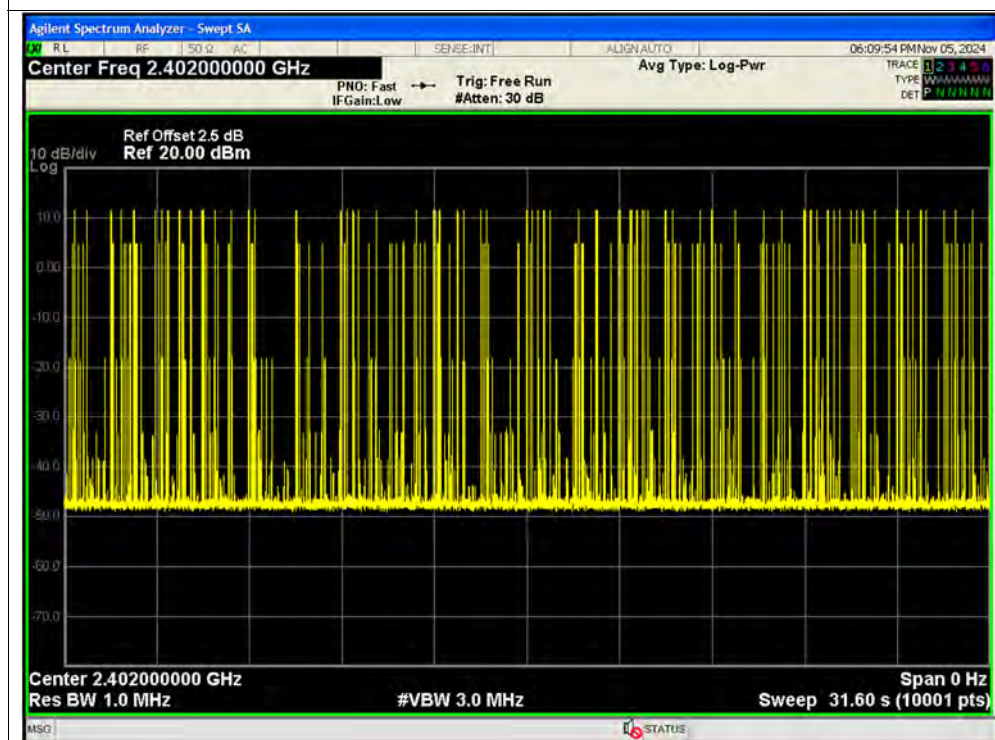




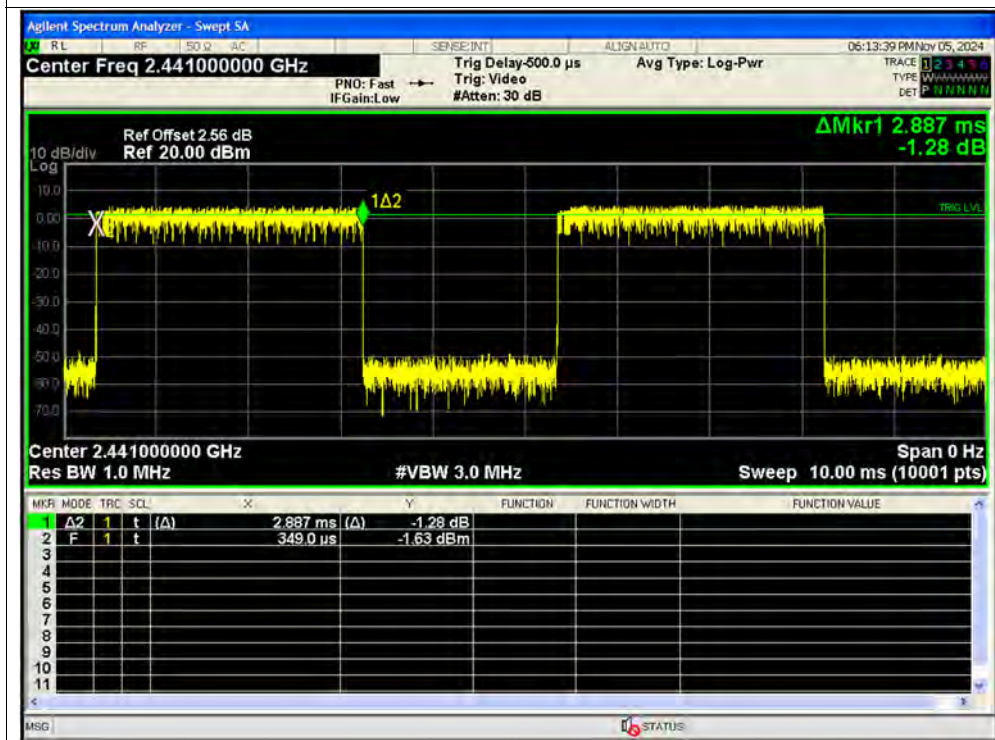
Dwell NVNT 3-DH5 2402MHz Ant1 One Burst



Dwell NVNT 3-DH5 2402MHz Ant1 Accumulated



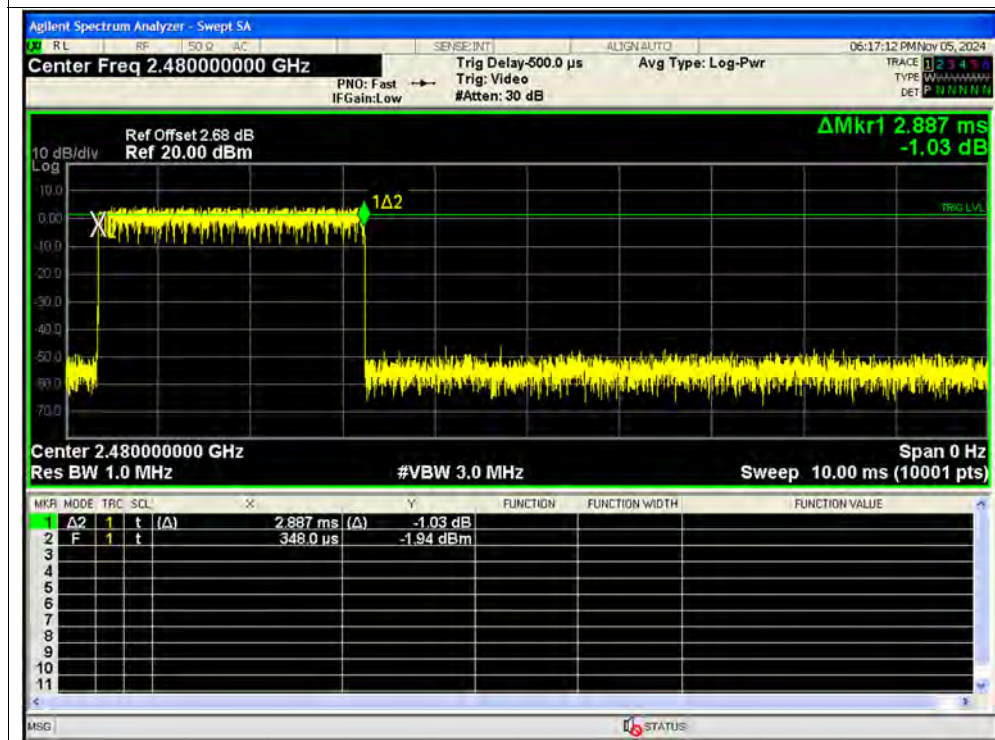
Dwell NVNT 3-DH5 2441MHz Ant1 One Burst



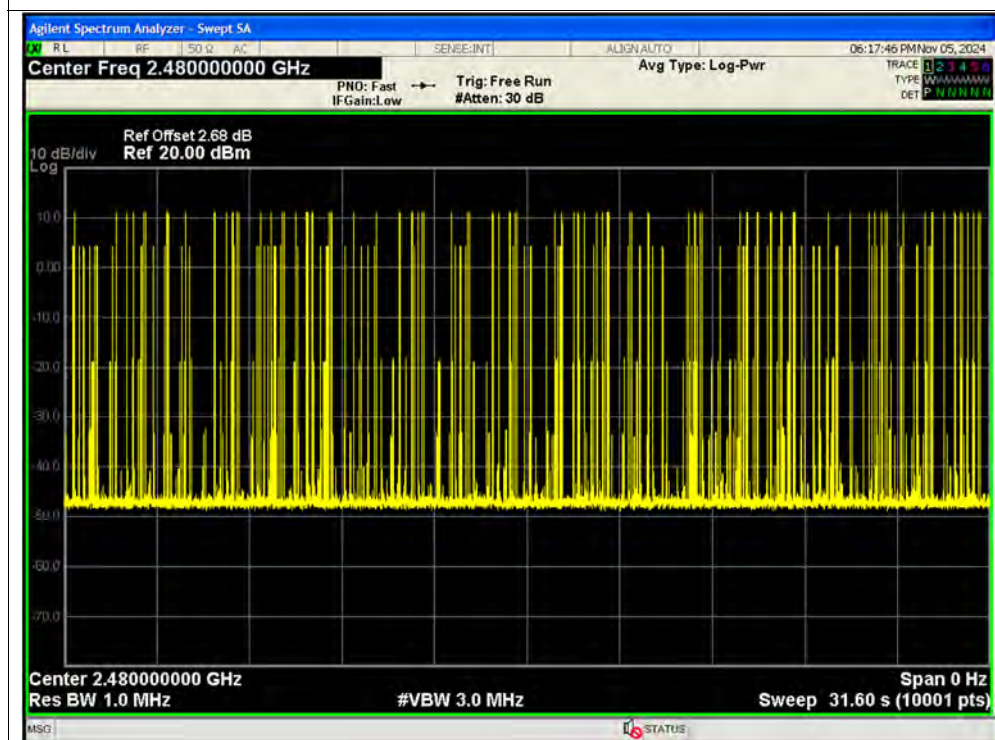
Dwell NVNT 3-DH5 2441MHz Ant1 Accumulated



Dwell NVNT 3-DH5 2480MHz Ant1 One Burst



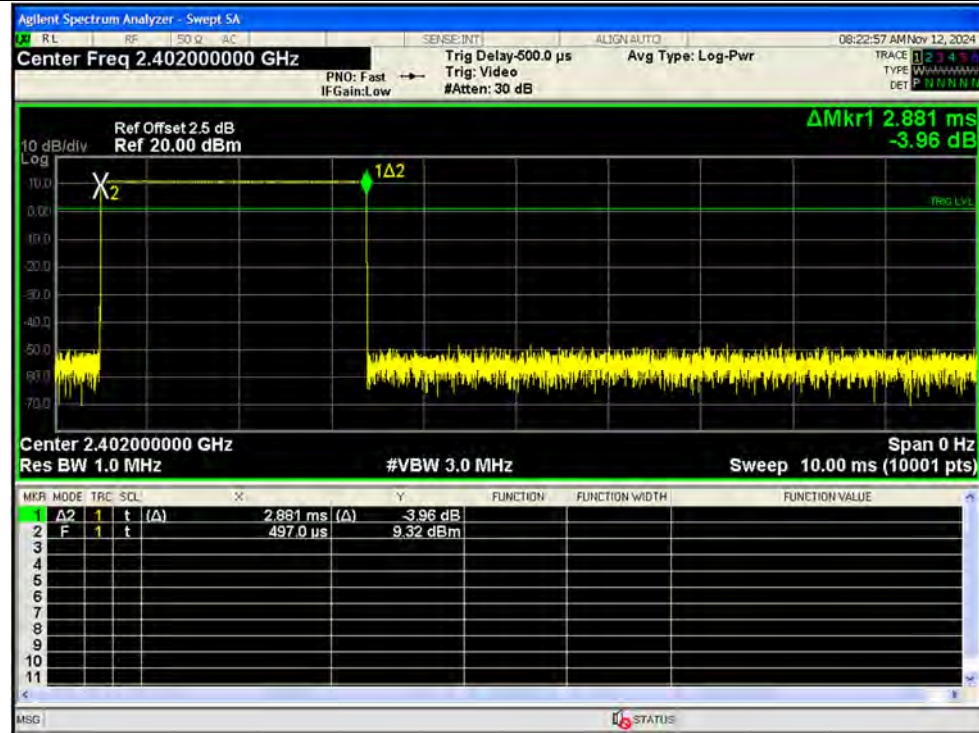
Dwell NVNT 3-DH5 2480MHz Ant1 Accumulated



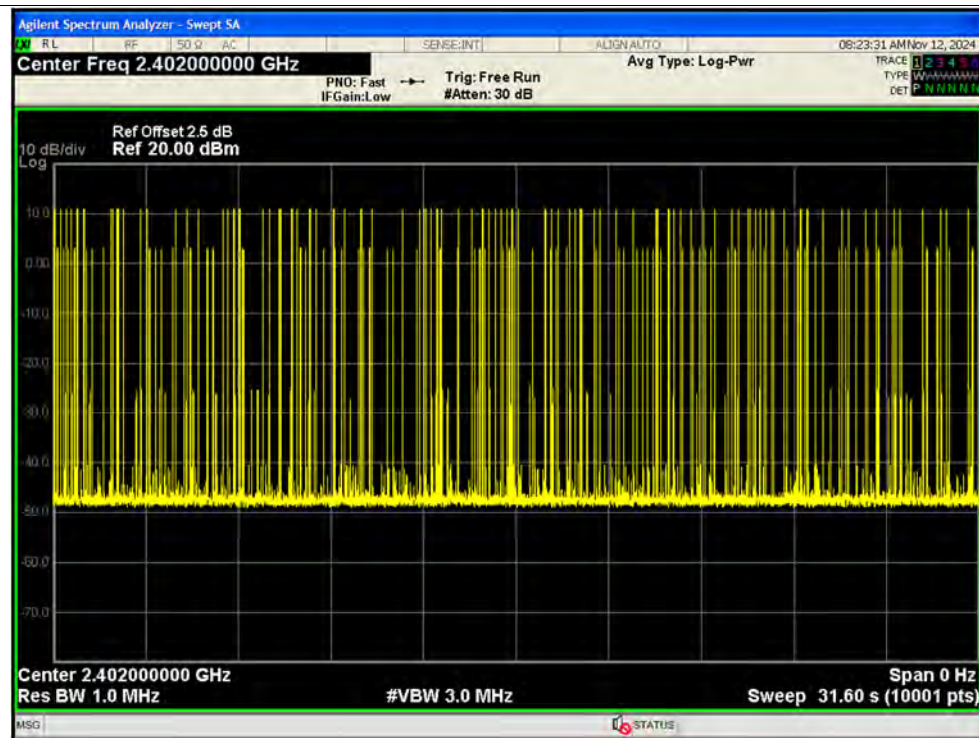
Right

Test Graphs

Dwell NVNT 1-DH5 2402MHz Ant1 One Burst

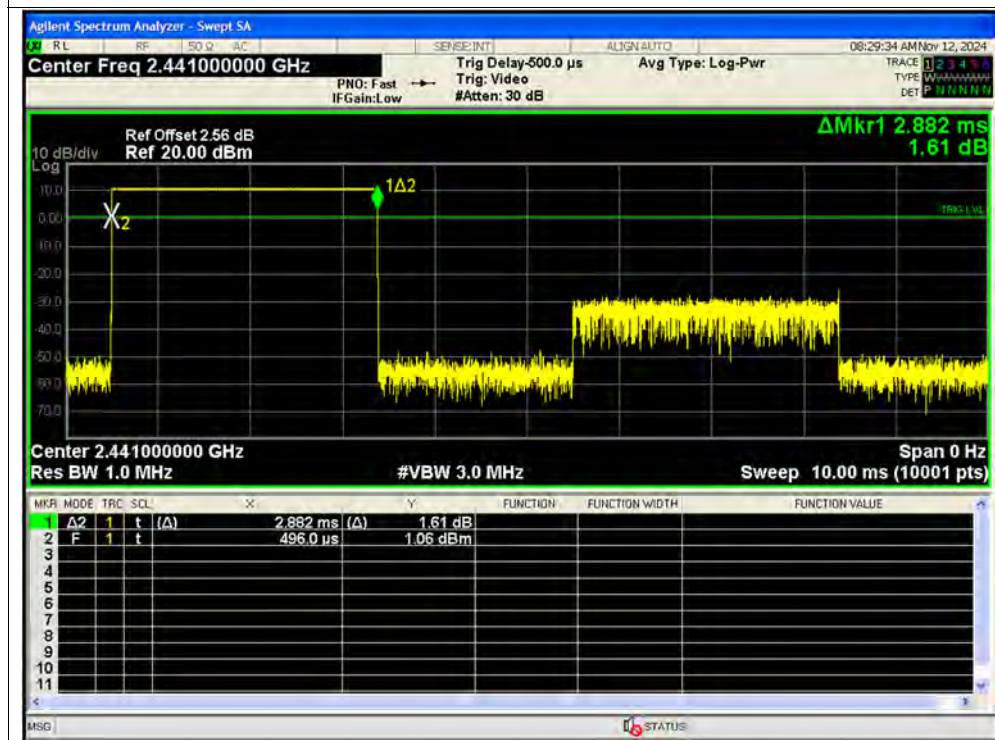


Dwell NVNT 1-DH5 2402MHz Ant1 Accumulated

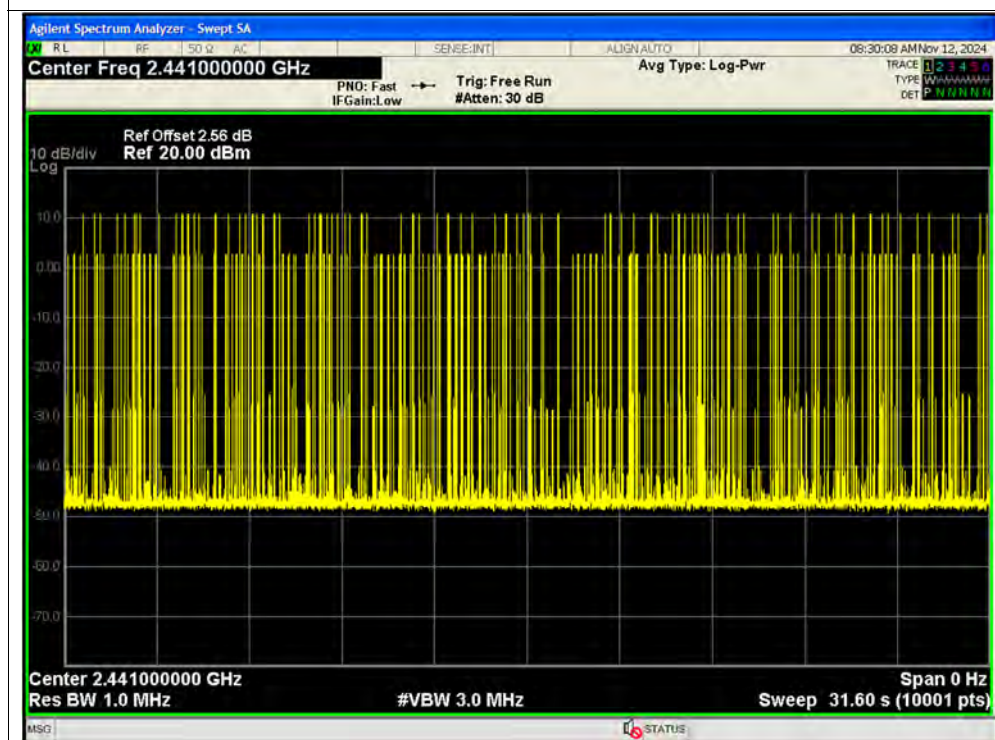




Dwell NVNT 1-DH5 2441MHz Ant1 One Burst

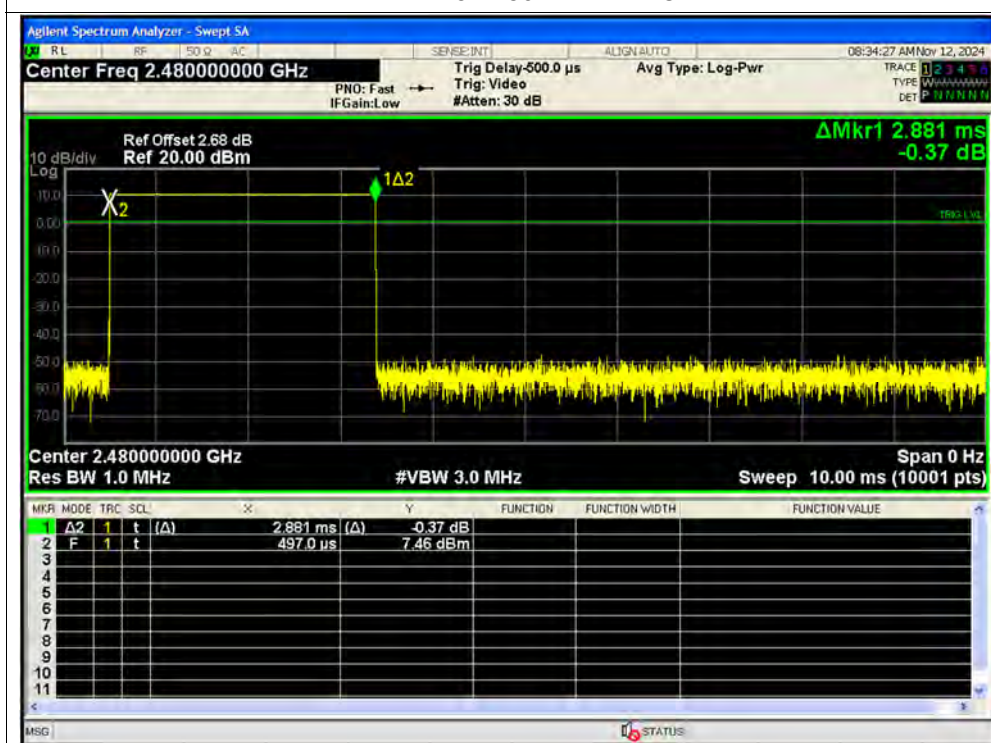


Dwell NVNT 1-DH5 2441MHz Ant1 Accumulated

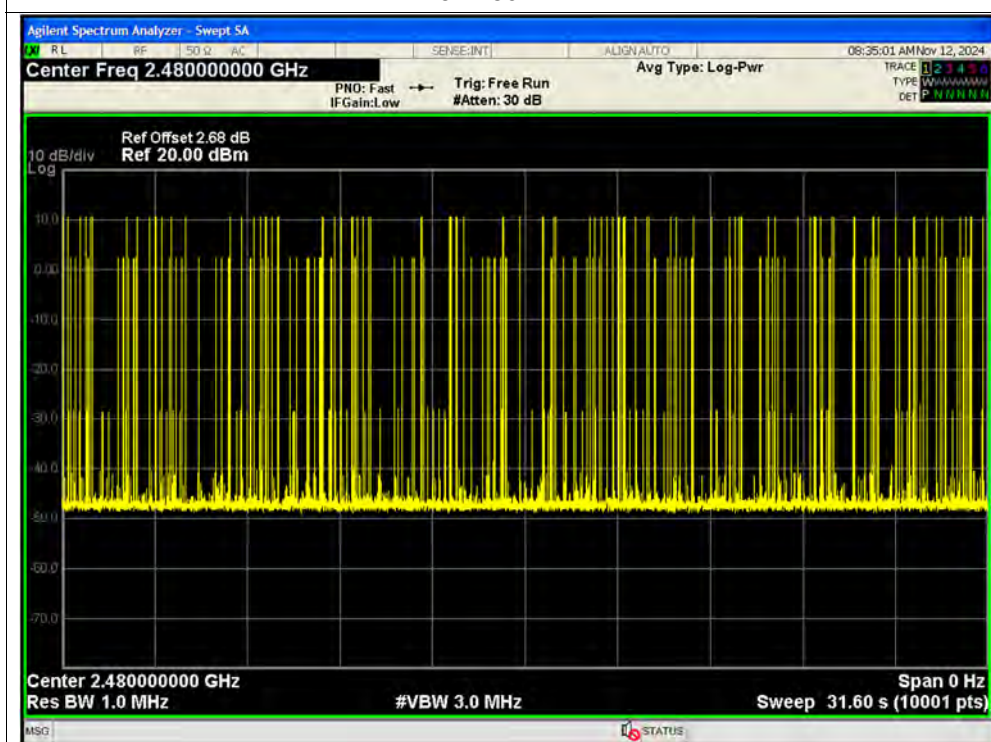




Dwell NVNT 1-DH5 2480MHz Ant1 One Burst

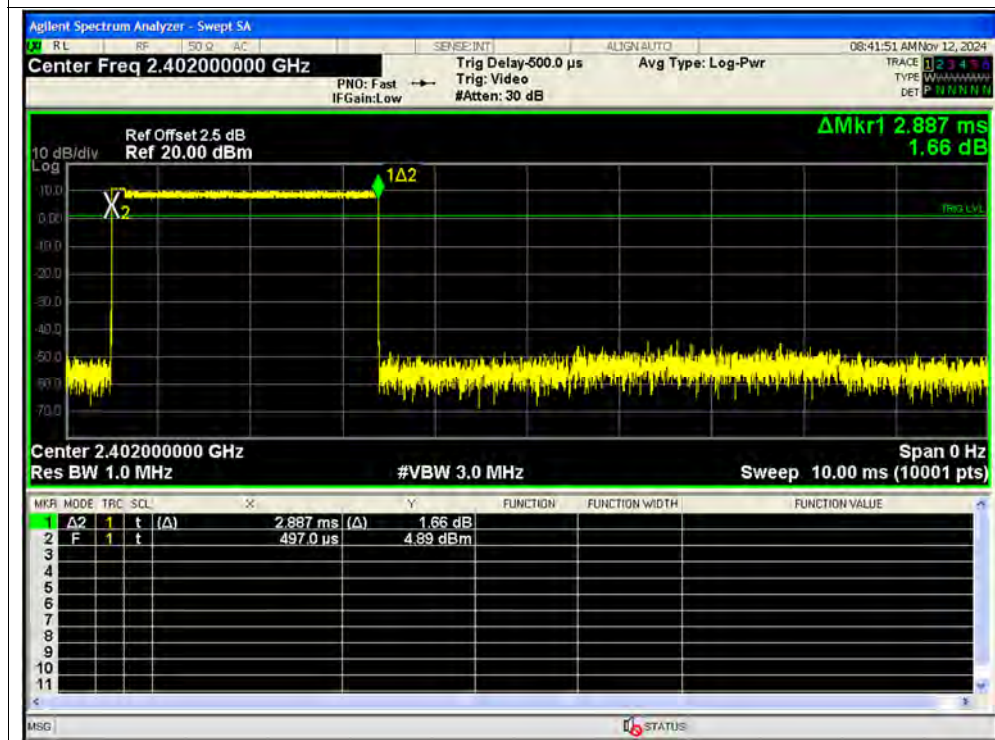


Dwell NVNT 1-DH5 2480MHz Ant1 Accumulated

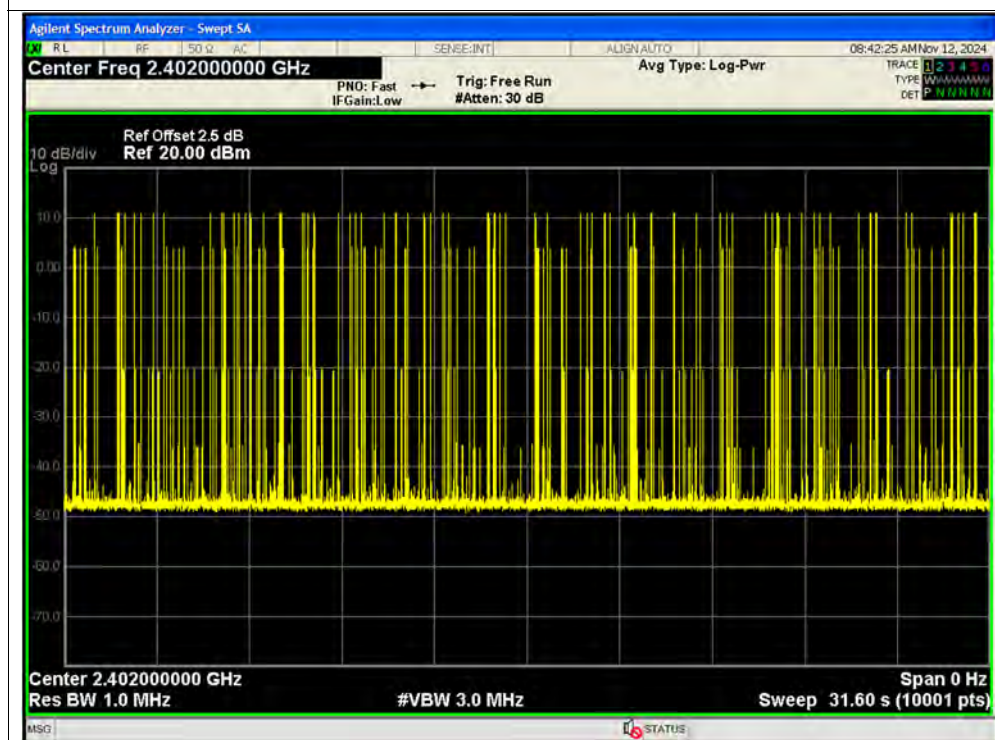




Dwell NVNT 2-DH5 2402MHz Ant1 One Burst

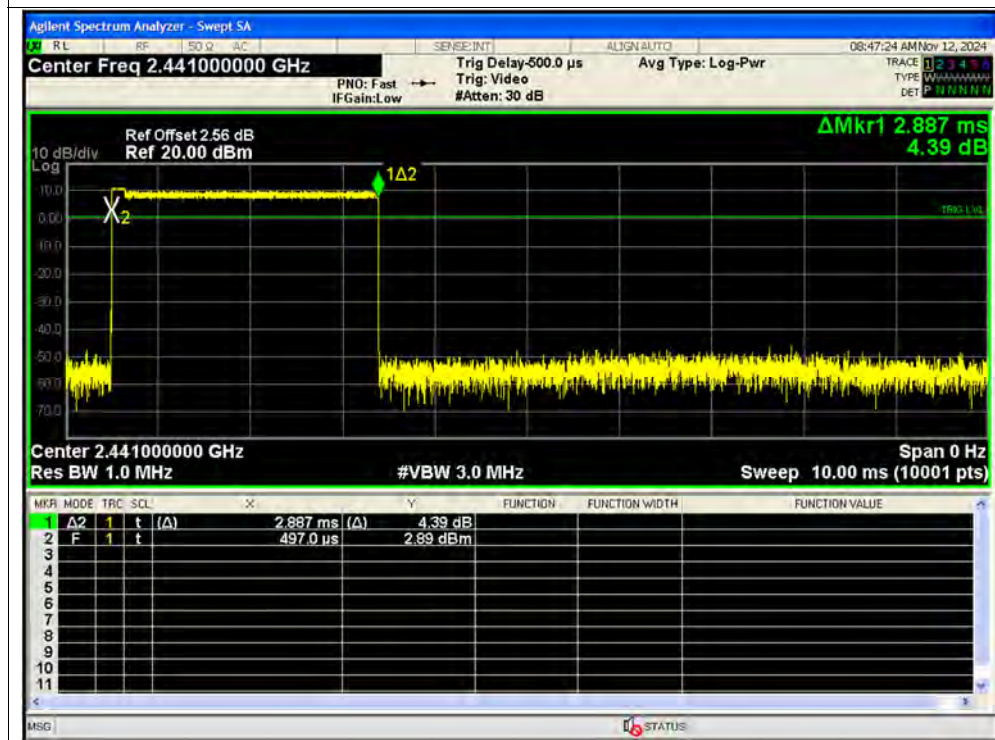


Dwell NVNT 2-DH5 2402MHz Ant1 Accumulated

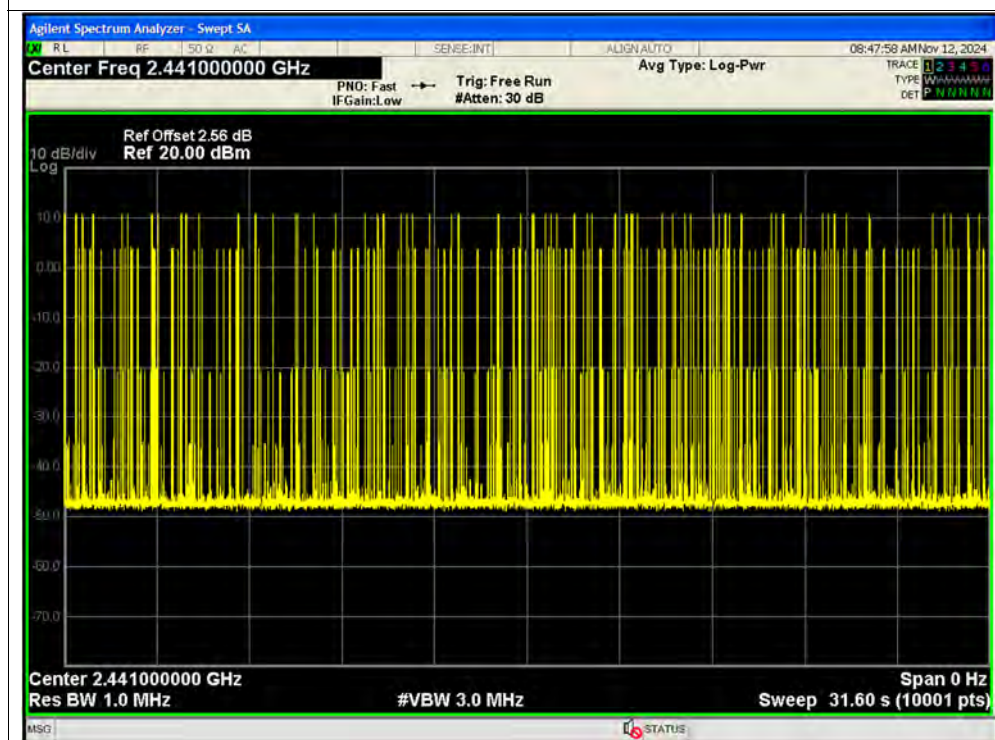




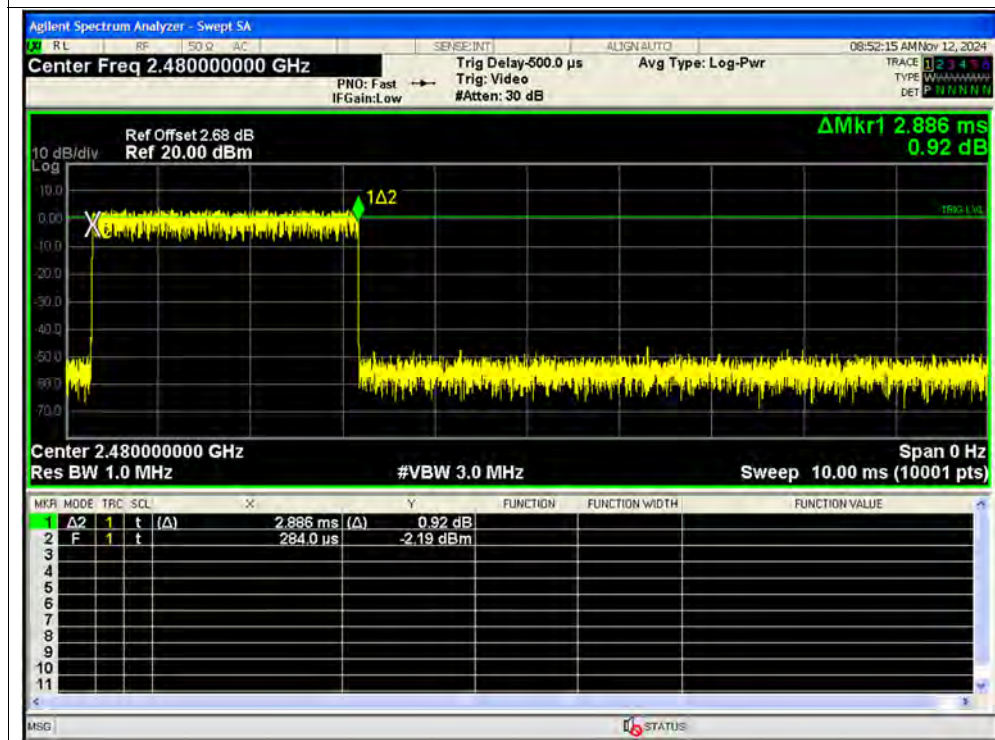
Dwell NVNT 2-DH5 2441MHz Ant1 One Burst



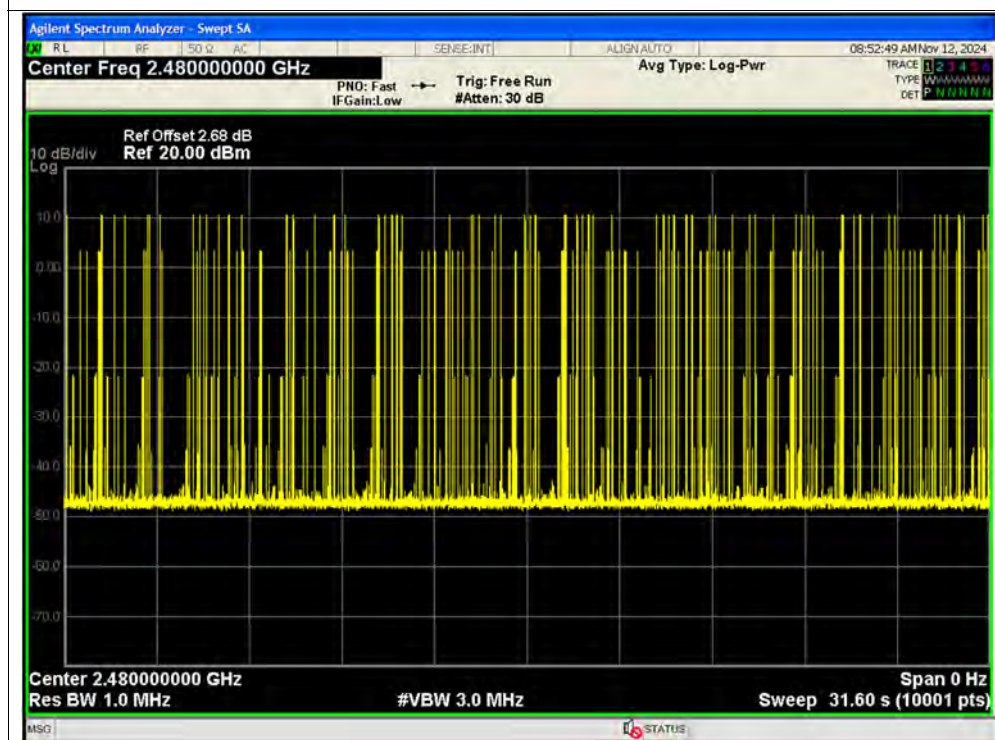
Dwell NVNT 2-DH5 2441MHz Ant1 Accumulated



Dwell NVNT 2-DH5 2480MHz Ant1 One Burst

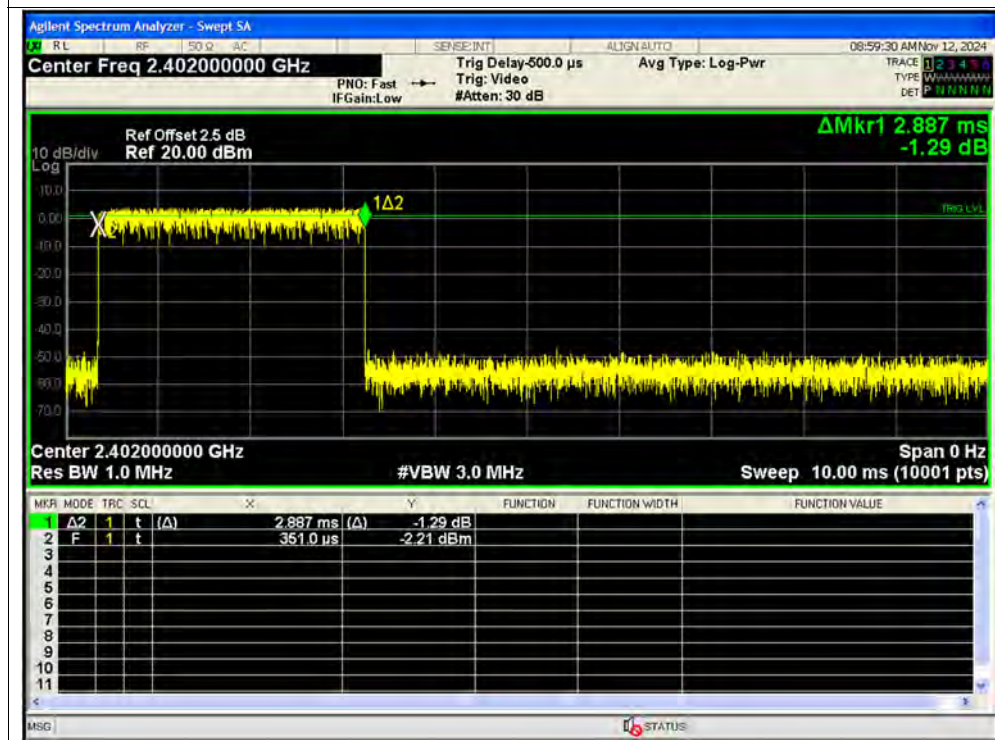


Dwell NVNT 2-DH5 2480MHz Ant1 Accumulated

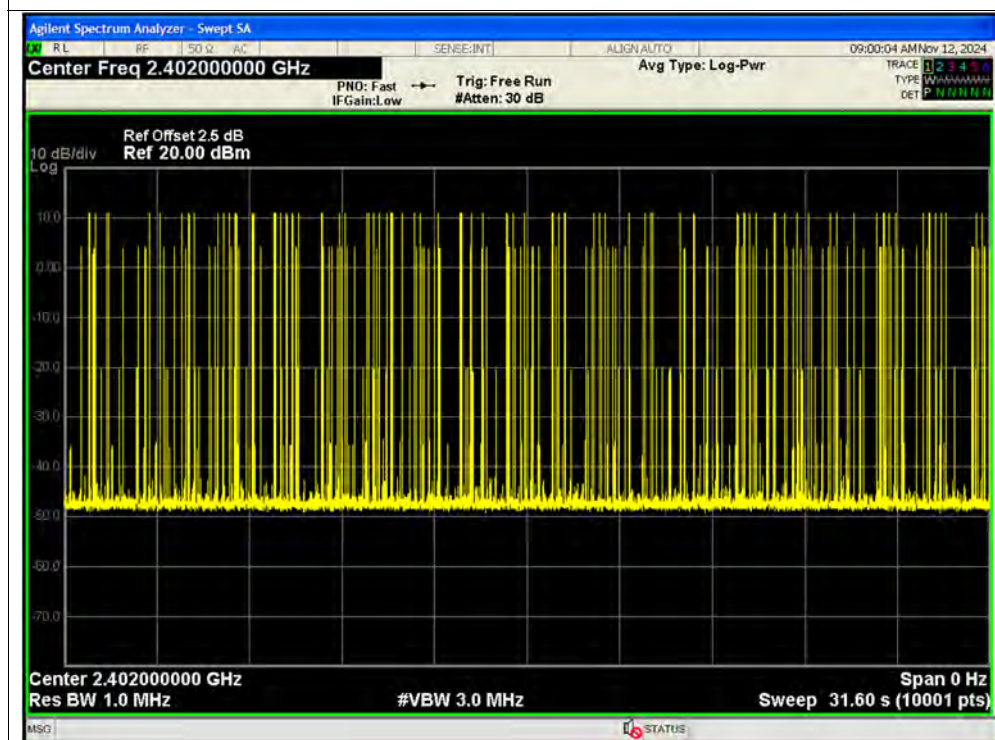




Dwell NVNT 3-DH5 2402MHz Ant1 One Burst

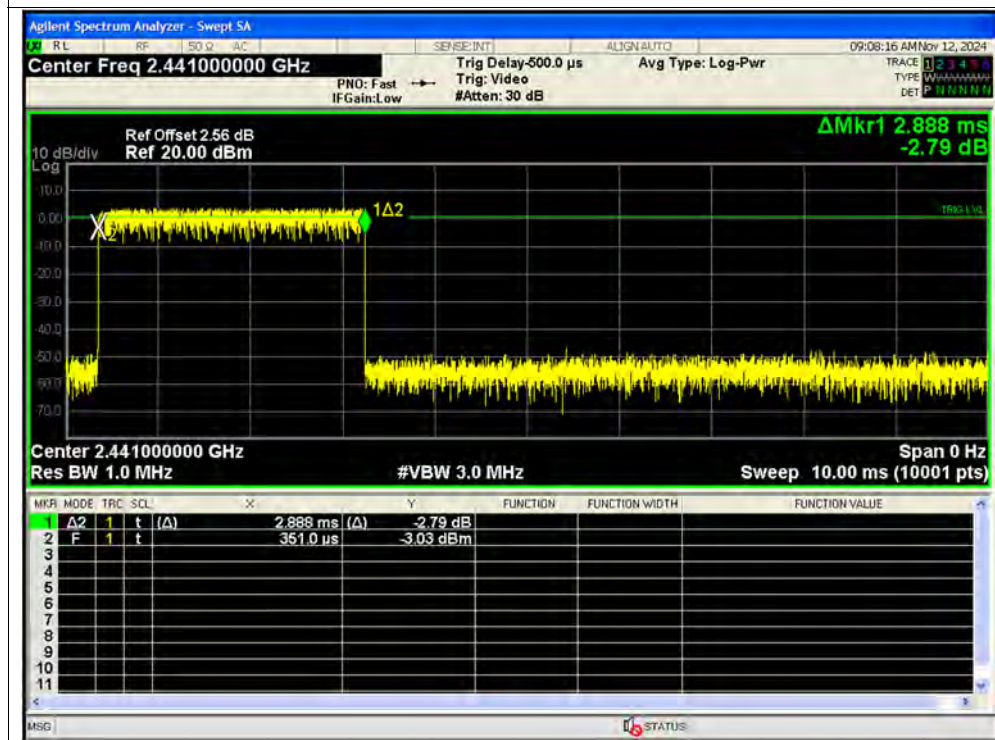


Dwell NVNT 3-DH5 2402MHz Ant1 Accumulated

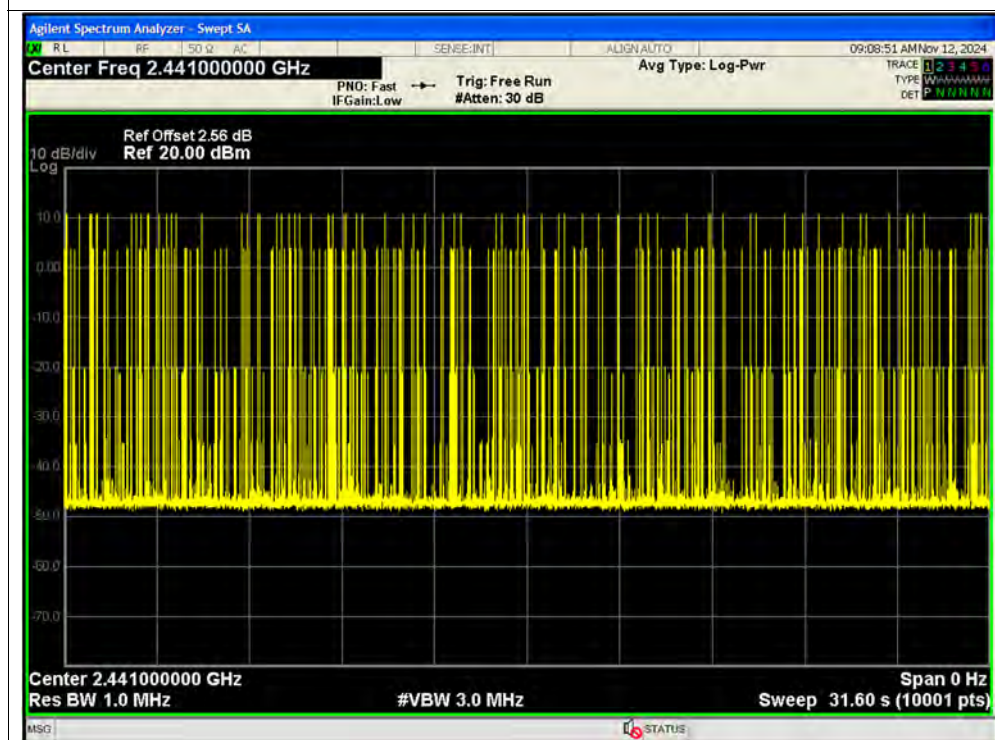




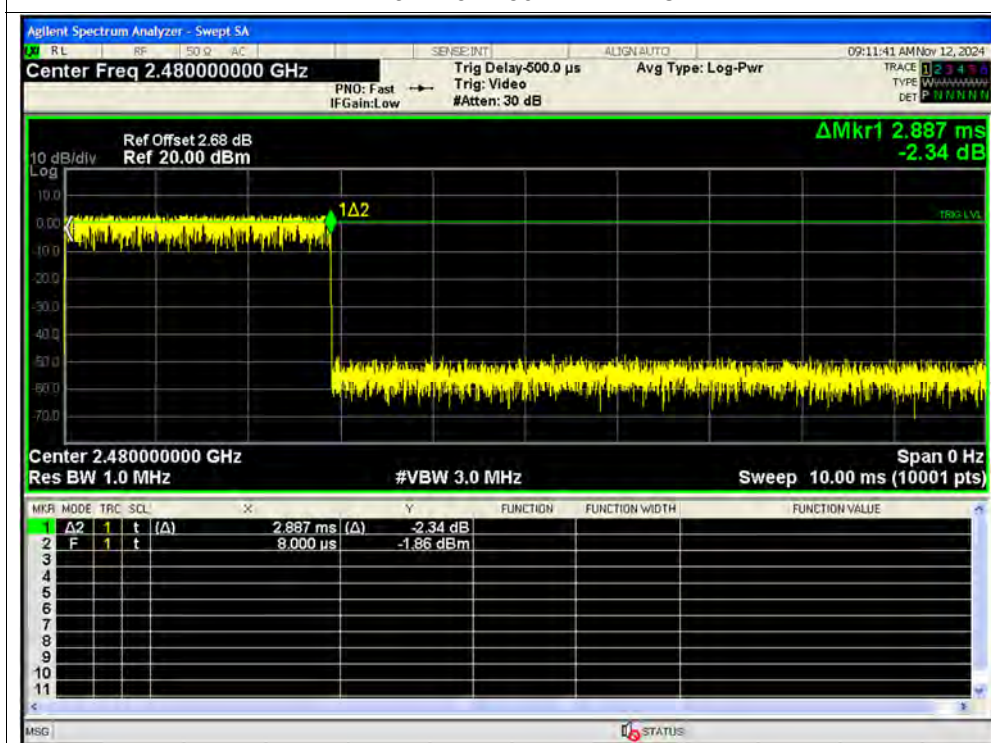
Dwell NVNT 3-DH5 2441MHz Ant1 One Burst



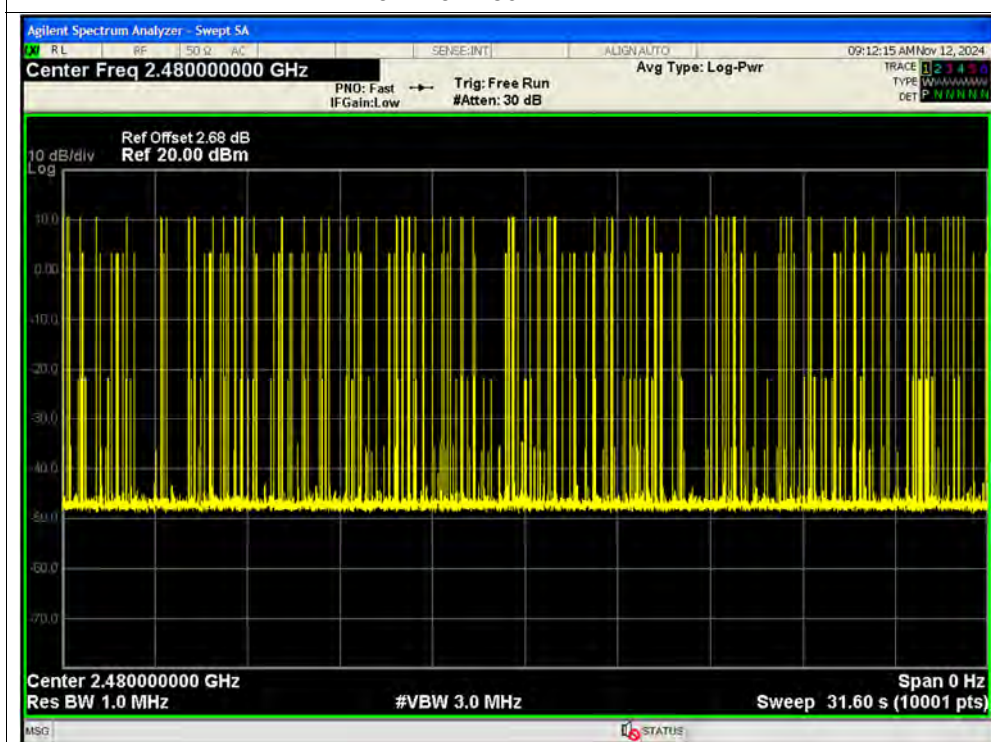
Dwell NVNT 3-DH5 2441MHz Ant1 Accumulated



Dwell NVNT 3-DH5 2480MHz Ant1 One Burst



Dwell NVNT 3-DH5 2480MHz Ant1 Accumulated



**A.8. Conducted Spurious Emissions****Left**

Condition	Mode	Frequency (MHz)	Antenna	Max Value (dBc)	Limit (dBc)	Verdict
NVNT	1-DH5	2402	Ant1	-61.06	-20	Pass
NVNT	1-DH5	2441	Ant1	-59.9	-20	Pass
NVNT	1-DH5	2480	Ant1	-59.88	-20	Pass
NVNT	2-DH5	2402	Ant1	-60.11	-20	Pass
NVNT	2-DH5	2441	Ant1	-60.98	-20	Pass
NVNT	2-DH5	2480	Ant1	-60.22	-20	Pass
NVNT	3-DH5	2402	Ant1	-60.84	-20	Pass
NVNT	3-DH5	2441	Ant1	-60.27	-20	Pass
NVNT	3-DH5	2480	Ant1	-60.23	-20	Pass

Right

Condition	Mode	Frequency (MHz)	Antenna	Max Value (dBc)	Limit (dBc)	Verdict
NVNT	1-DH5	2402	Ant1	-59.72	-20	Pass
NVNT	1-DH5	2441	Ant1	-59.97	-20	Pass
NVNT	1-DH5	2480	Ant1	-58.31	-20	Pass
NVNT	2-DH5	2402	Ant1	-59.81	-20	Pass
NVNT	2-DH5	2441	Ant1	-59.96	-20	Pass
NVNT	2-DH5	2480	Ant1	-59.59	-20	Pass
NVNT	3-DH5	2402	Ant1	-59.8	-20	Pass
NVNT	3-DH5	2441	Ant1	-59.16	-20	Pass
NVNT	3-DH5	2480	Ant1	-59.79	-20	Pass

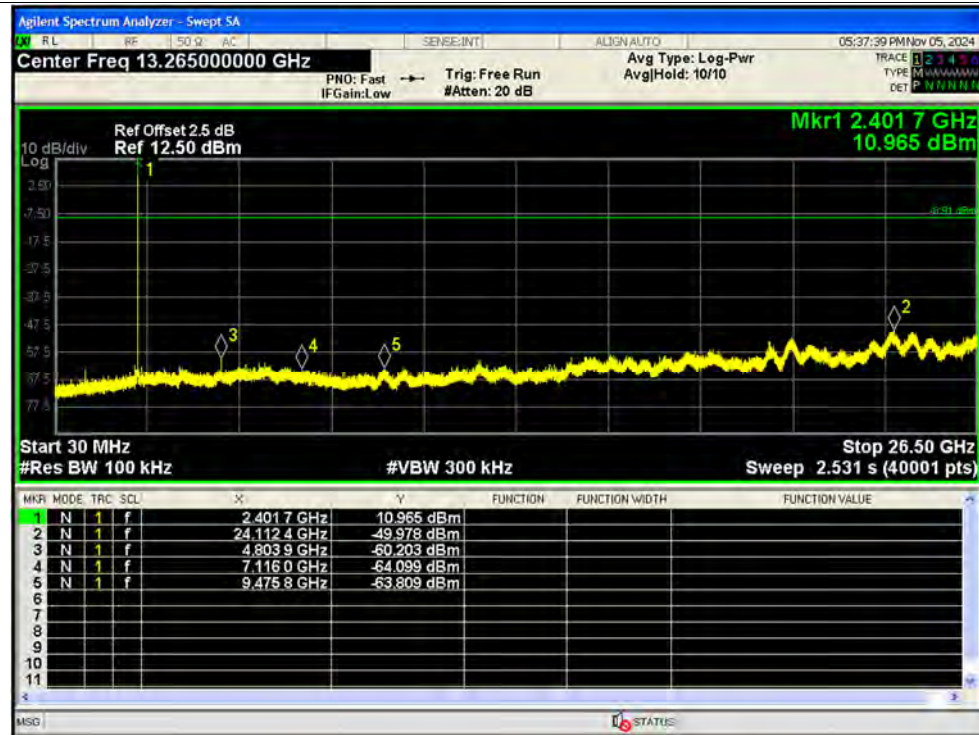
Left

Test Graphs

Tx. Spurious NVNT 1-DH5 2402MHz Ant1 Ref



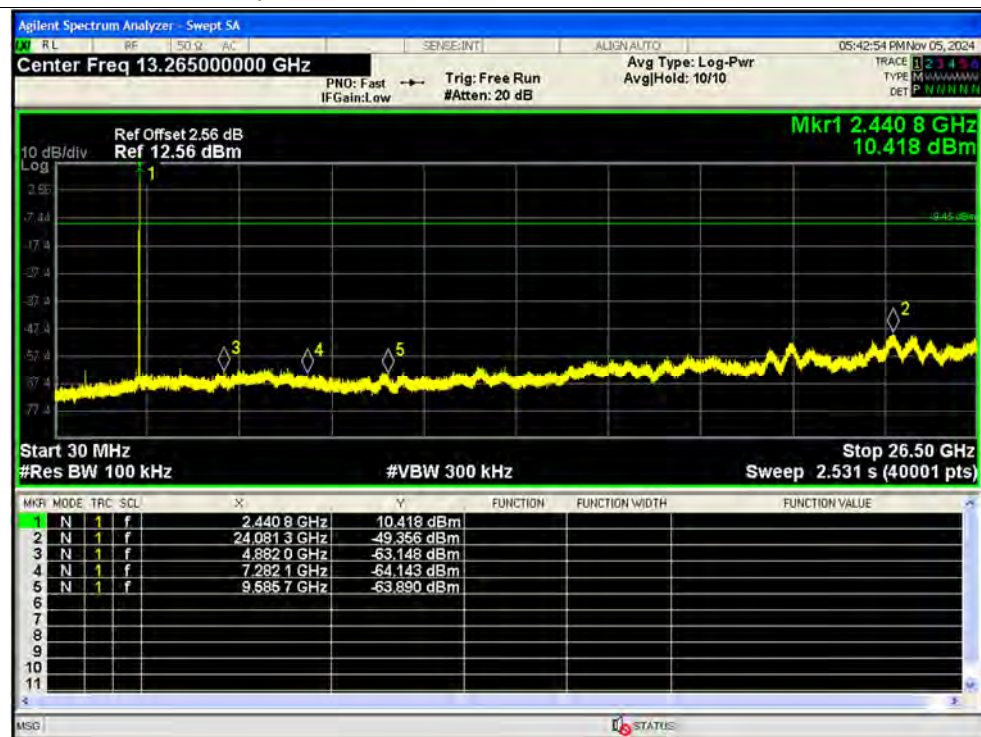
Tx. Spurious NVNT 1-DH5 2402MHz Ant1 Emission



Tx. Spurious NVNT 1-DH5 2441MHz Ant1 Ref



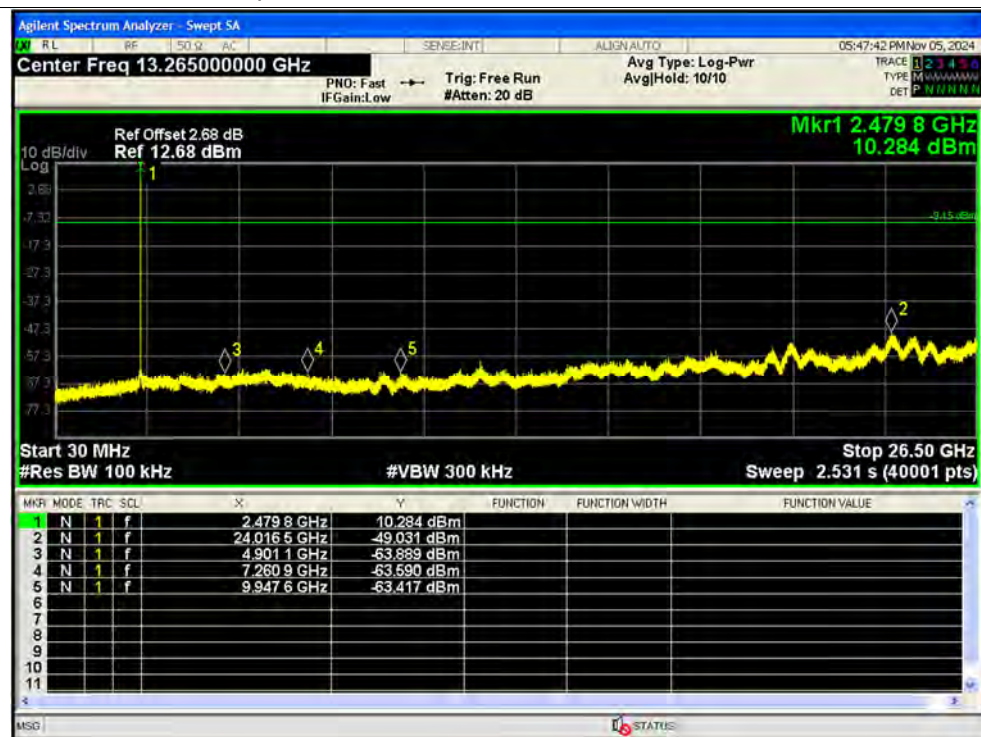
Tx. Spurious NVNT 1-DH5 2441MHz Ant1 Emission



Tx. Spurious NVNT 1-DH5 2480MHz Ant1 Ref



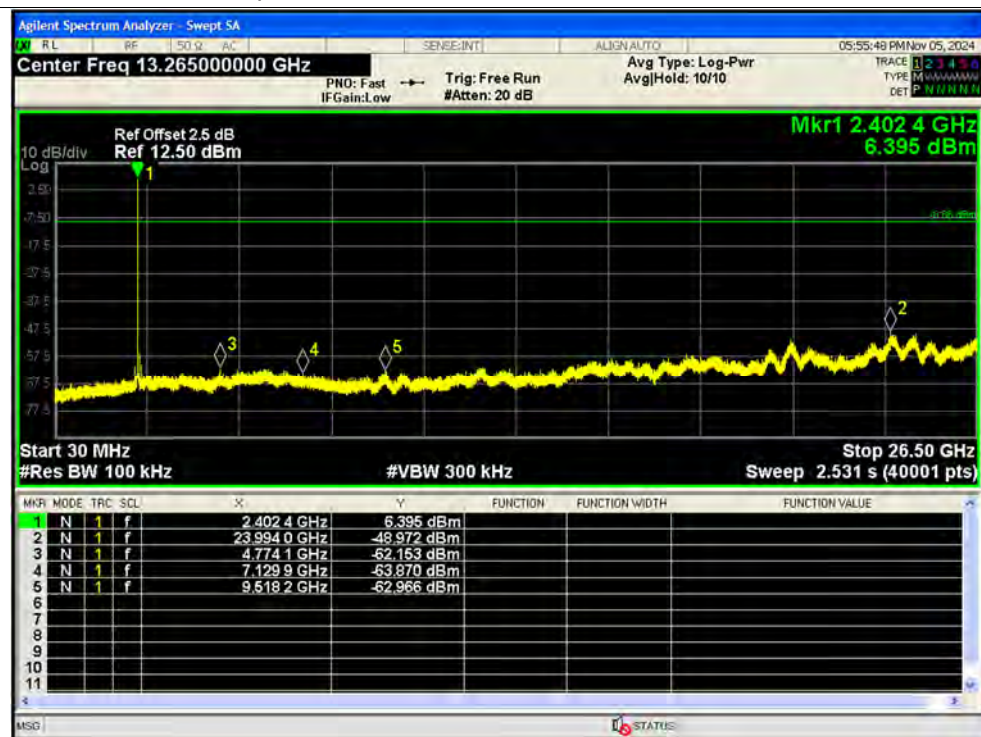
Tx. Spurious NVNT 1-DH5 2480MHz Ant1 Emission



Tx. Spurious NVNT 2-DH5 2402MHz Ant1 Ref



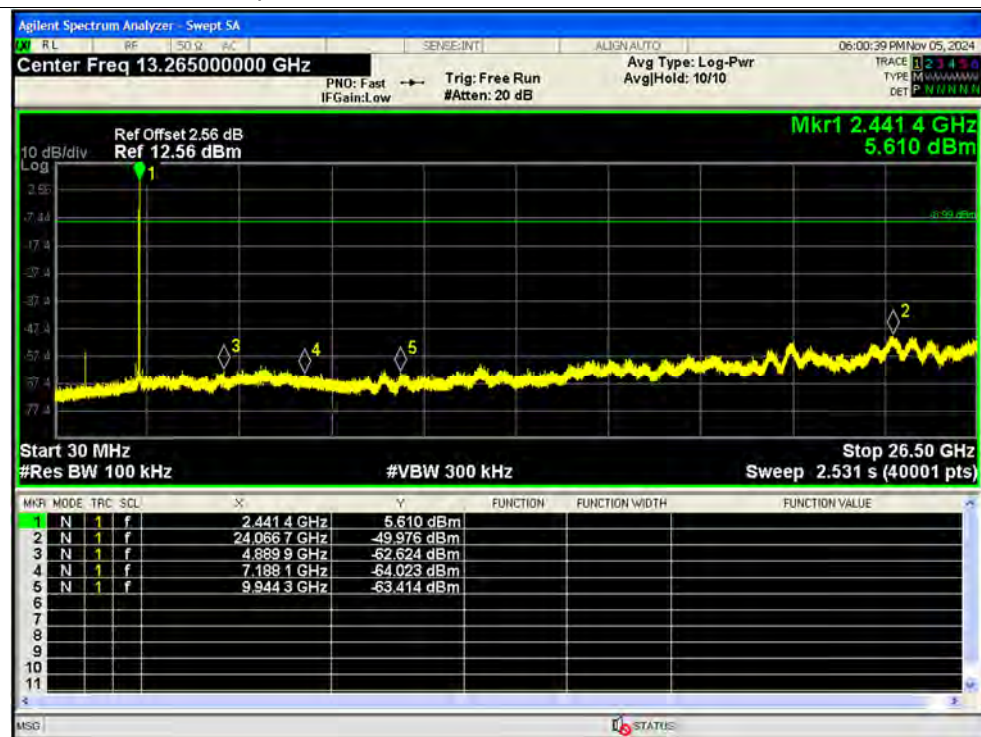
Tx. Spurious NVNT 2-DH5 2402MHz Ant1 Emission



Tx. Spurious NVNT 2-DH5 2441MHz Ant1 Ref



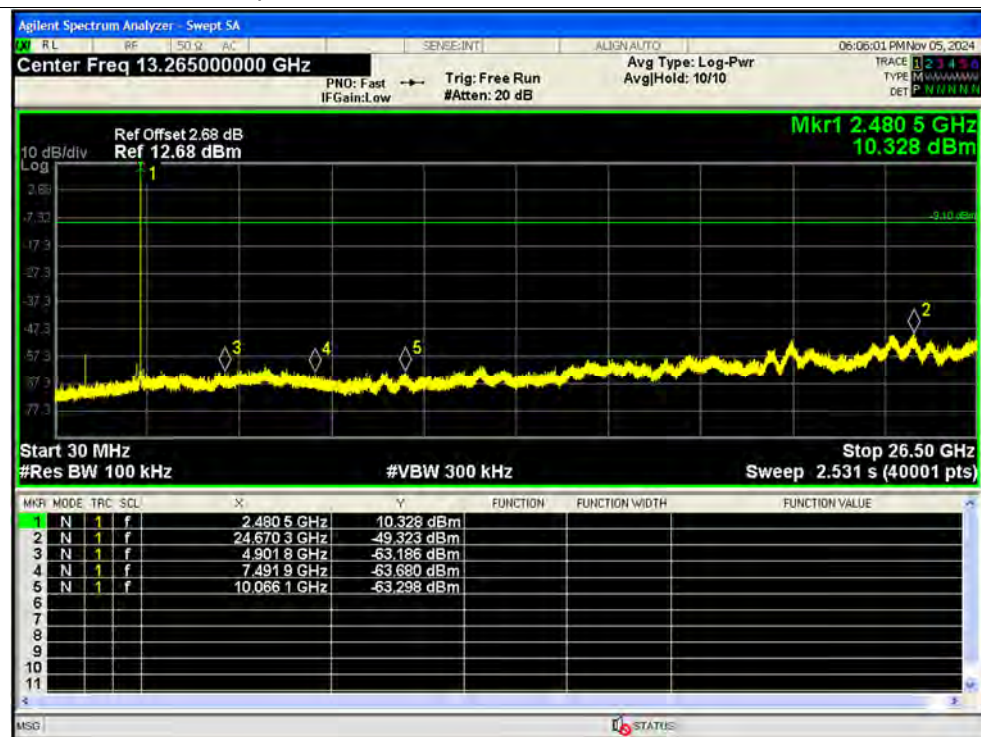
Tx. Spurious NVNT 2-DH5 2441MHz Ant1 Emission



Tx. Spurious NVNT 2-DH5 2480MHz Ant1 Ref



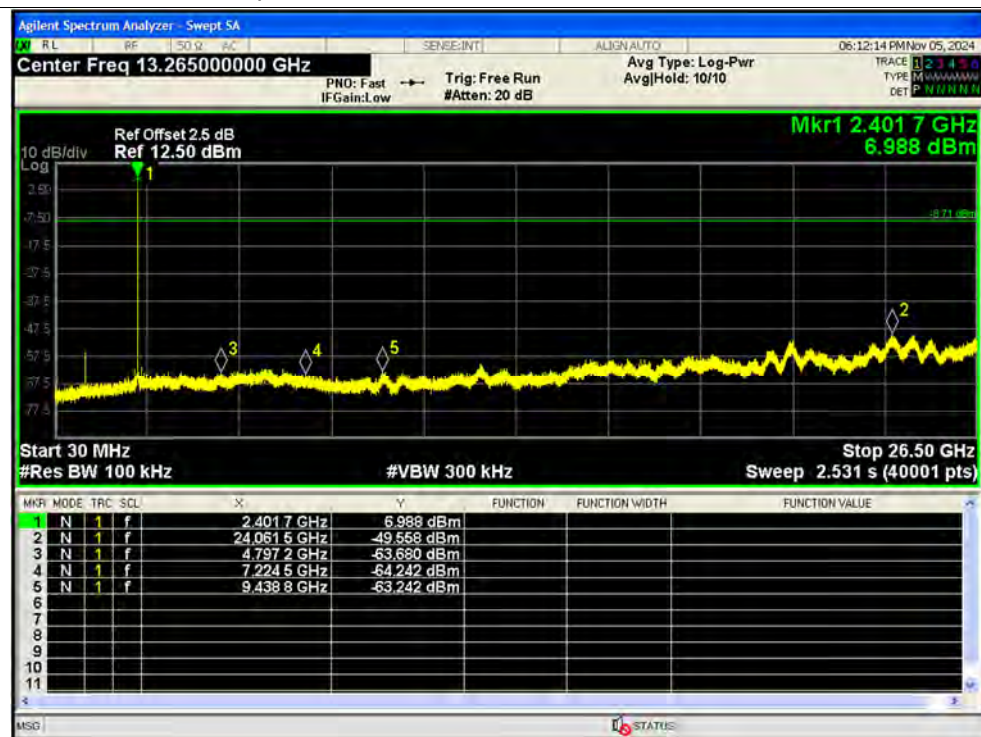
Tx. Spurious NVNT 2-DH5 2480MHz Ant1 Emission



Tx. Spurious NVNT 3-DH5 2402MHz Ant1 Ref



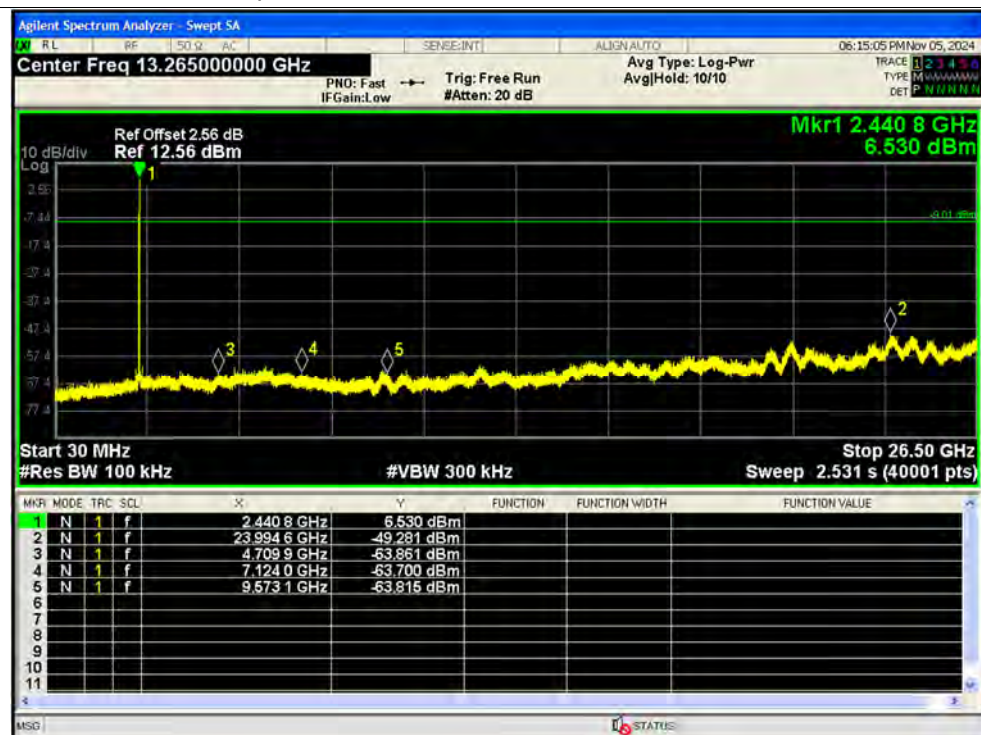
Tx. Spurious NVNT 3-DH5 2402MHz Ant1 Emission



Tx. Spurious NVNT 3-DH5 2441MHz Ant1 Ref



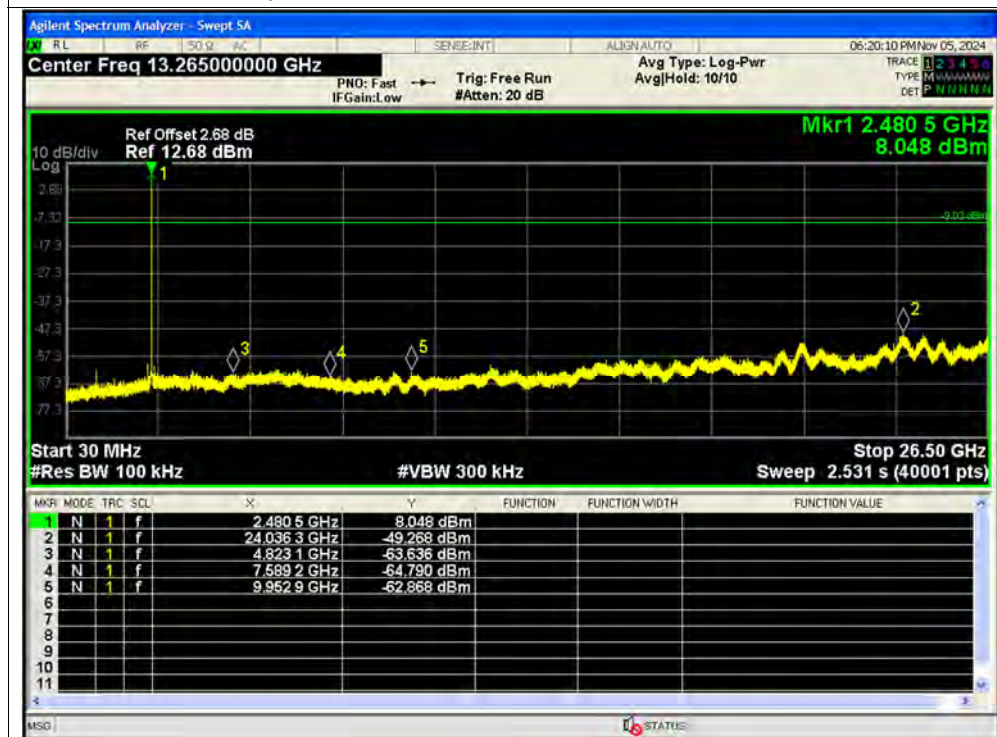
Tx. Spurious NVNT 3-DH5 2441MHz Ant1 Emission



Tx. Spurious NVNT 3-DH5 2480MHz Ant1 Ref



Tx. Spurious NVNT 3-DH5 2480MHz Ant1 Emission



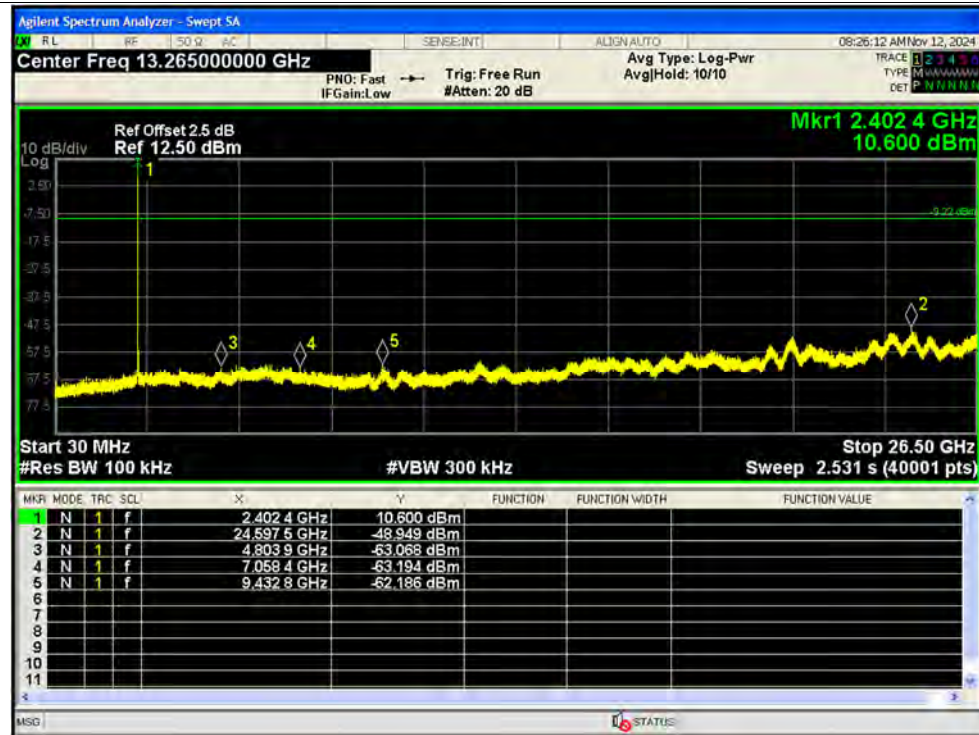
Right

Test Graphs

Tx. Spurious NVNT 1-DH5 2402MHz Ant1 Ref



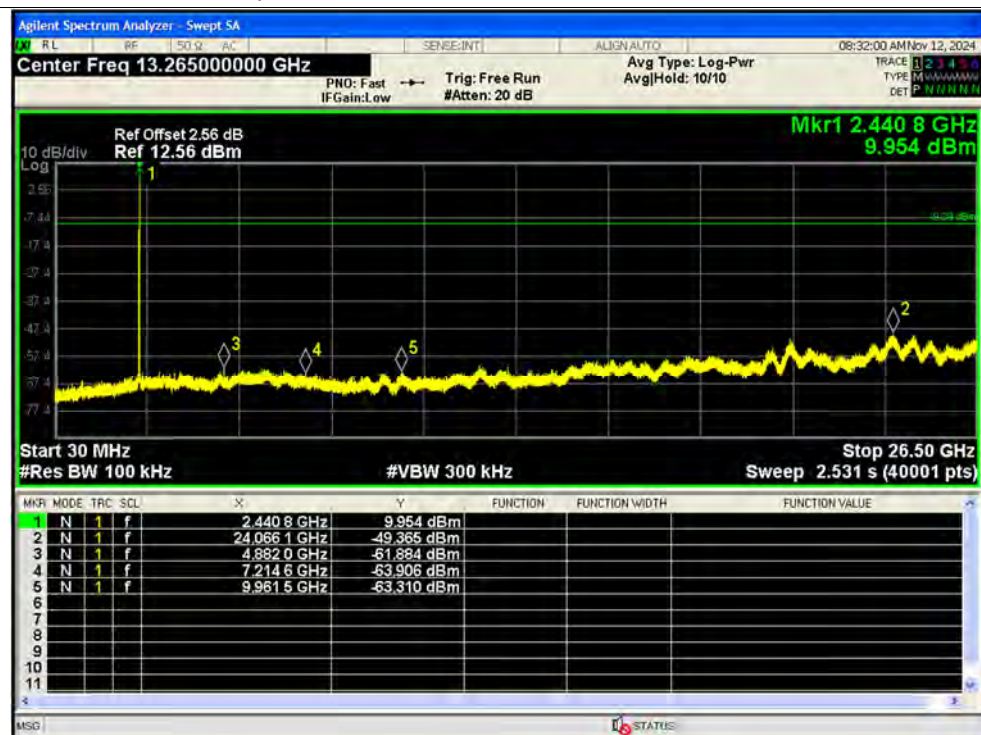
Tx. Spurious NVNT 1-DH5 2402MHz Ant1 Emission



Tx. Spurious NVNT 1-DH5 2441MHz Ant1 Ref



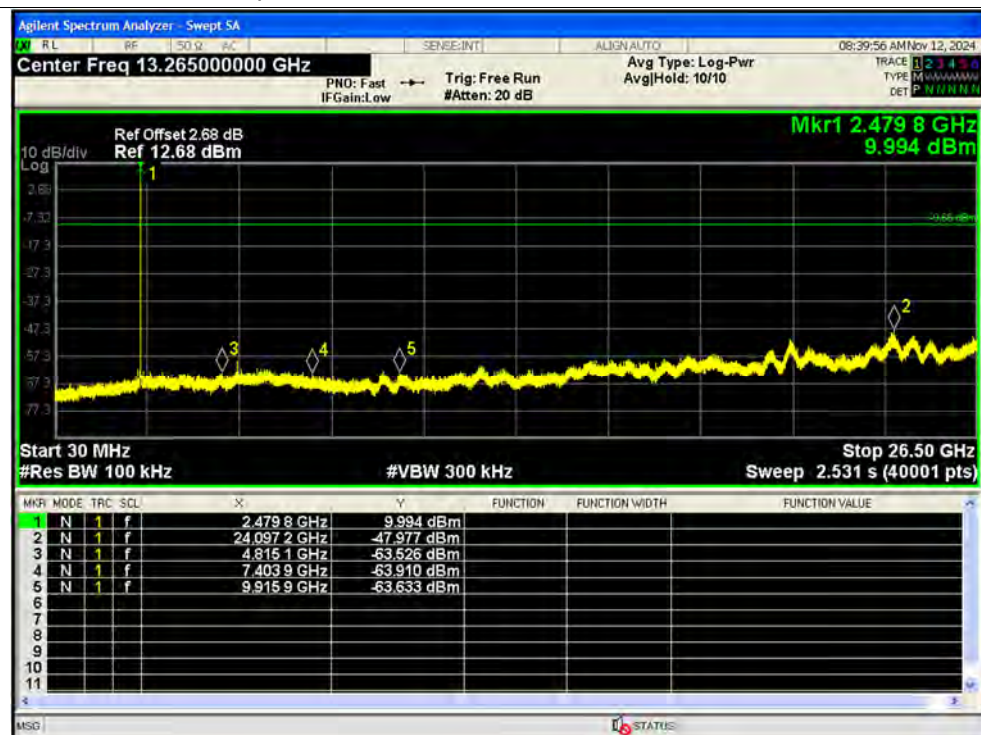
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Tx. Spurious NVNT 1-DH5 2480MHz Ant1 Ref



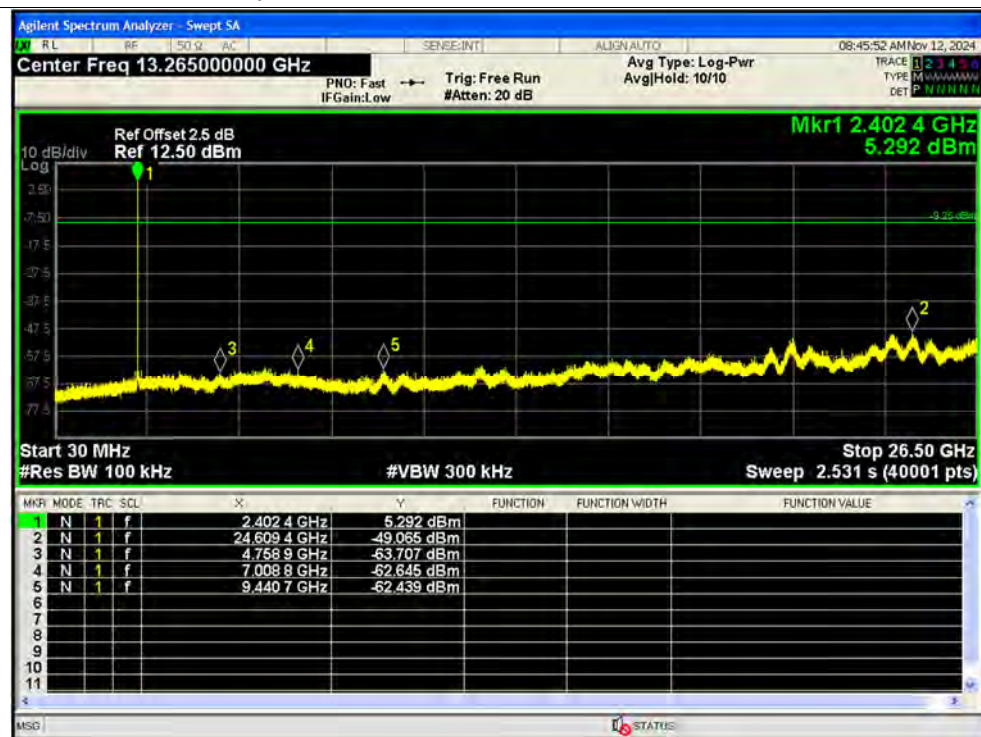
Tx. Spurious NVNT 1-DH5 2480MHz Ant1 Emission



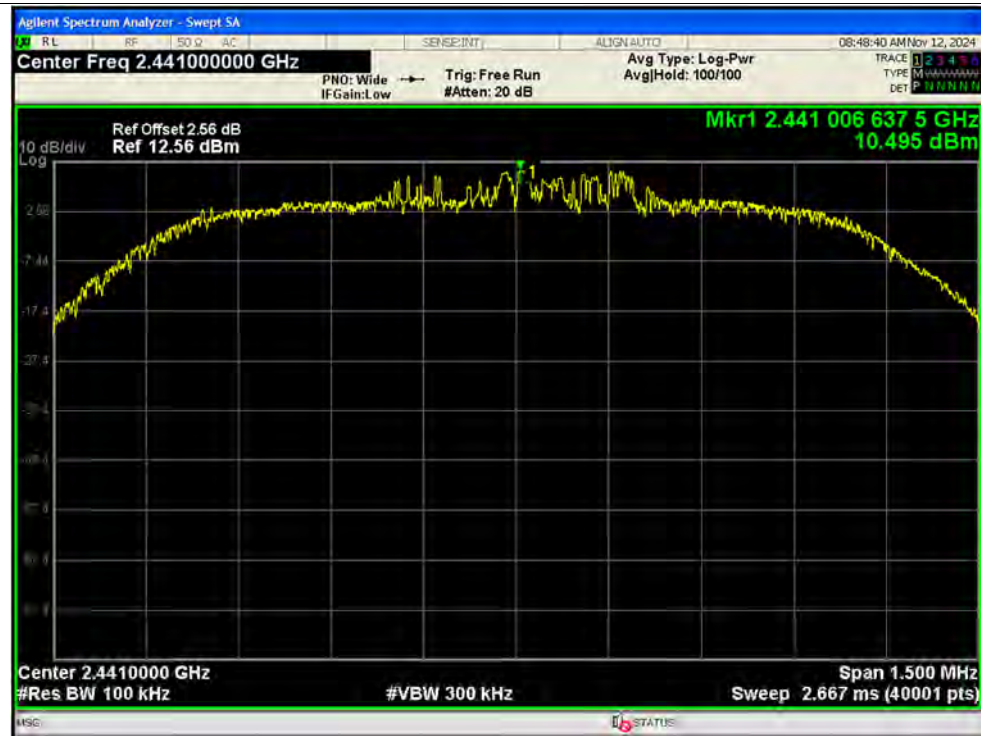
Tx. Spurious NVNT 2-DH5 2402MHz Ant1 Ref



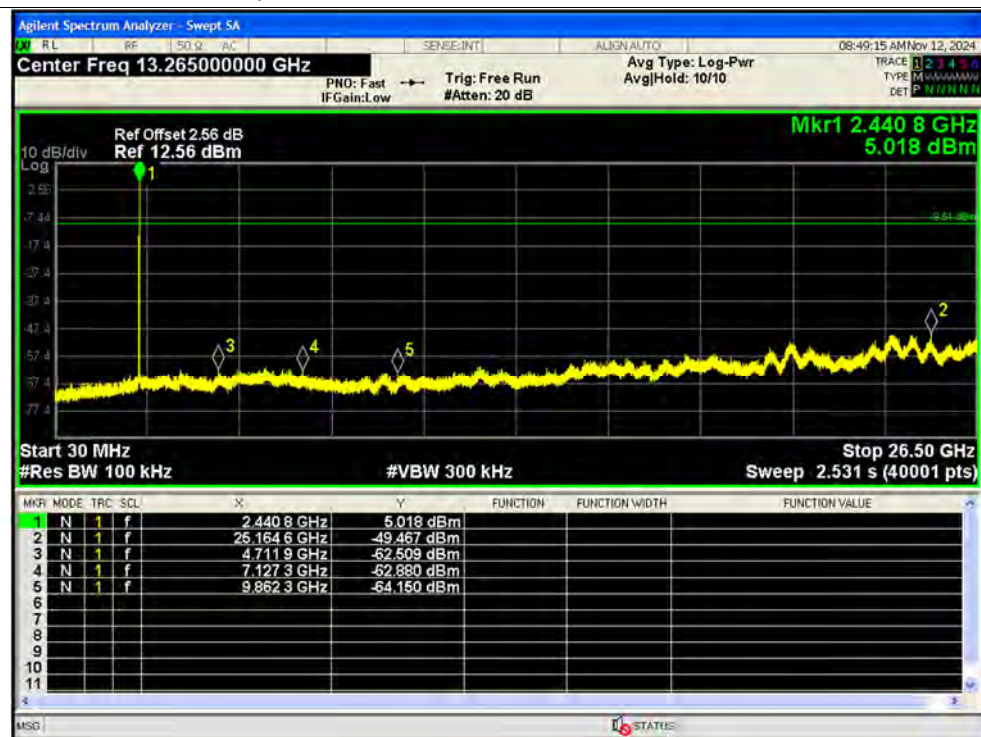
Tx. Spurious NVNT 2-DH5 2402MHz Ant1 Emission



Tx. Spurious NVNT 2-DH5 2441MHz Ant1 Ref



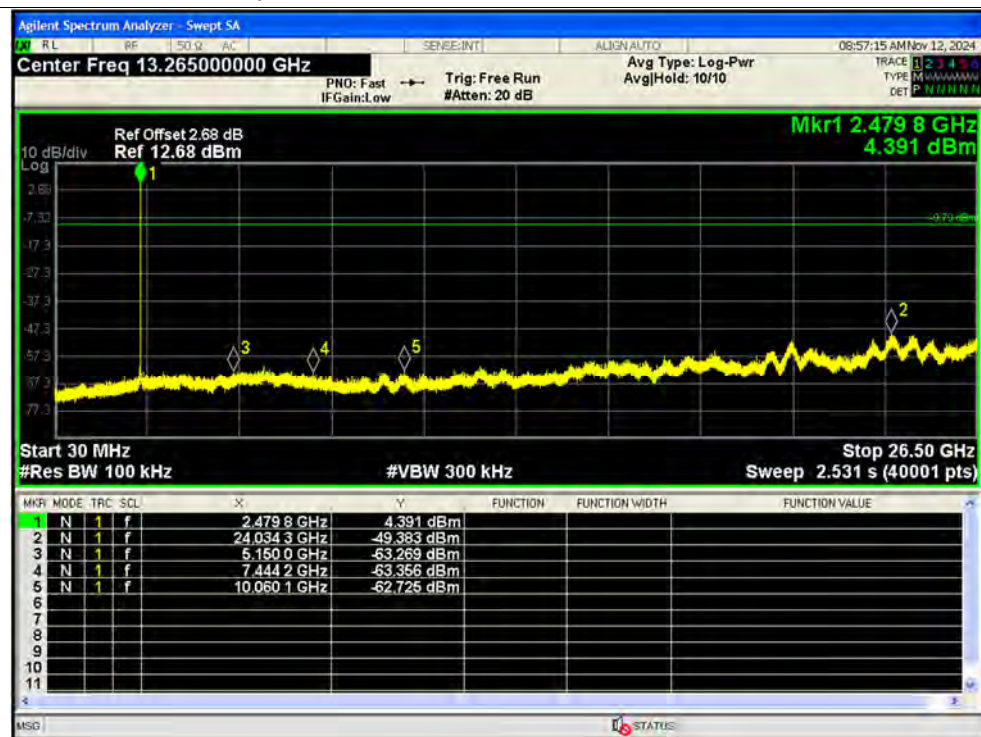
Tx. Spurious NVNT 2-DH5 2441MHz Ant1 Emission



Tx. Spurious NVNT 2-DH5 2480MHz Ant1 Ref



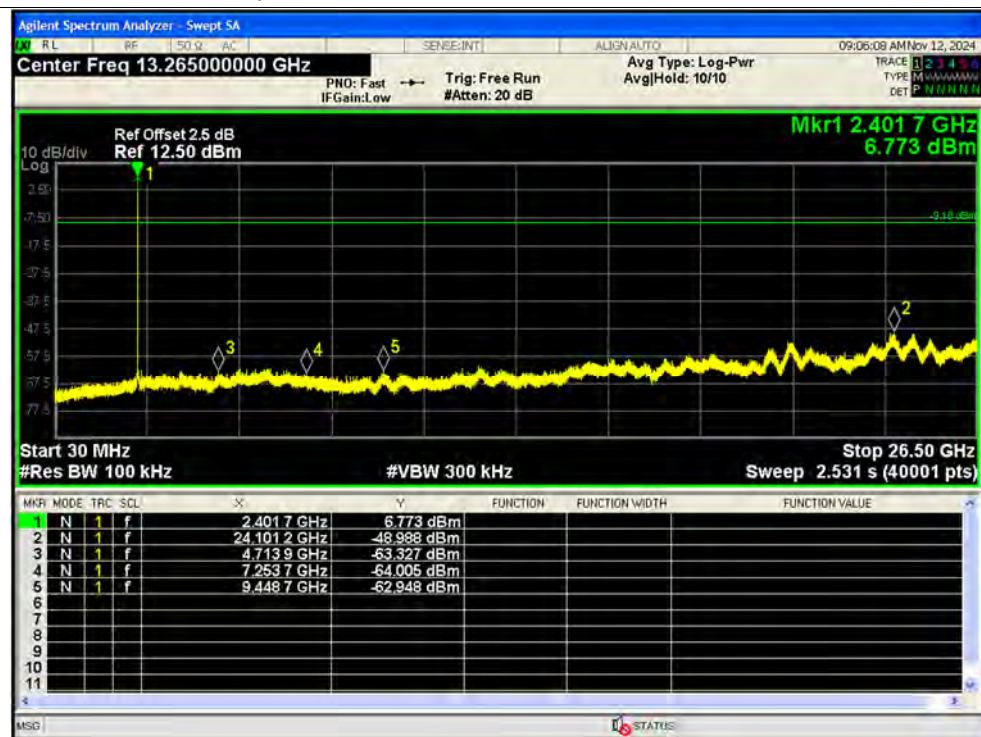
Tx. Spurious NVNT 2-DH5 2480MHz Ant1 Emission



Tx. Spurious NVNT 3-DH5 2402MHz Ant1 Ref



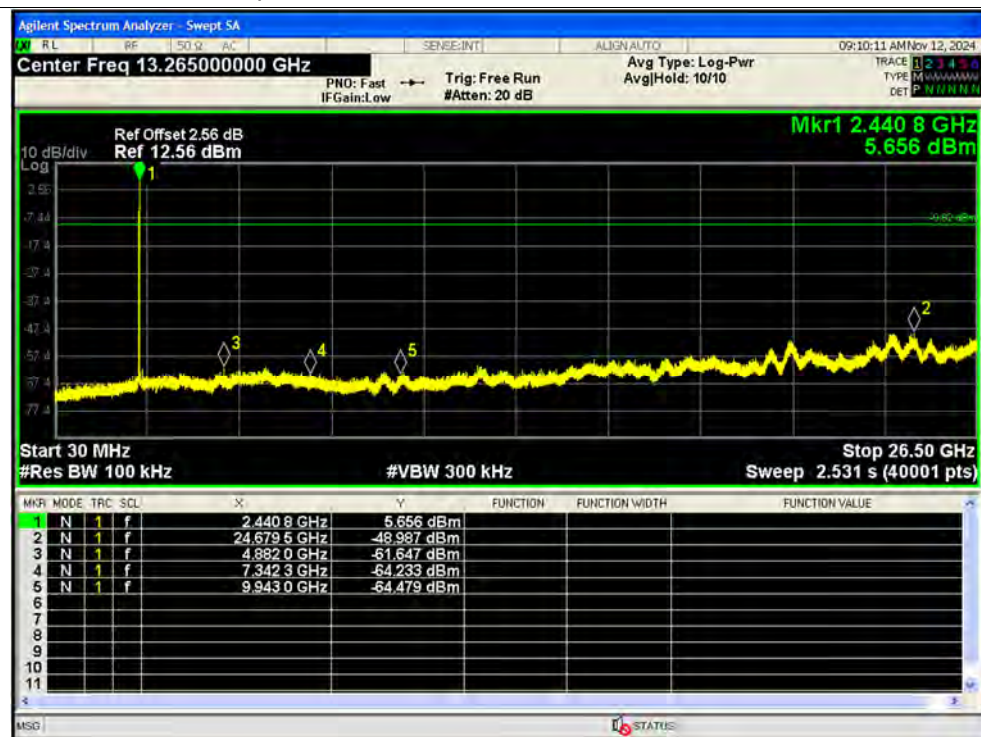
Tx. Spurious NVNT 3-DH5 2402MHz Ant1 Emission



Tx. Spurious NVNT 3-DH5 2441MHz Ant1 Ref



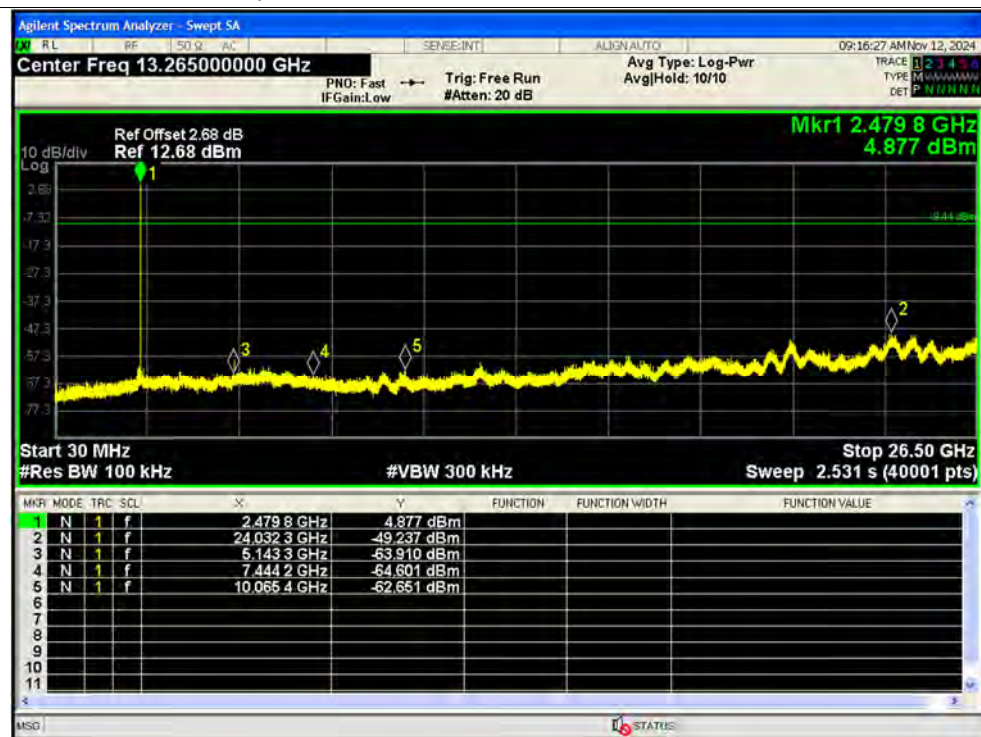
Tx. Spurious NVNT 3-DH5 2441MHz Ant1 Emission



Tx. Spurious NVNT 3-DH5 2480MHz Ant1 Ref



Tx. Spurious NVNT 3-DH5 2480MHz Ant1 Emission



**A.9. Band Edge****Left**

Condition	Mode	Frequency (MHz)	Antenna	Hopping Mode	Max Value (dBc)	Limit (dBc)	Verdict
NVNT	1-DH5	2402	Ant1	No-Hopping	-52.65	-20	Pass
NVNT	1-DH5	2480	Ant1	No-Hopping	-55.33	-20	Pass
NVNT	2-DH5	2402	Ant1	No-Hopping	-48.79	-20	Pass
NVNT	2-DH5	2480	Ant1	No-Hopping	-56.71	-20	Pass
NVNT	3-DH5	2402	Ant1	No-Hopping	-49.34	-20	Pass
NVNT	3-DH5	2480	Ant1	No-Hopping	-55.44	-20	Pass
NVNT	1-DH5	2402	Ant1	Hopping	-66.5	-20	Pass
NVNT	1-DH5	2480	Ant1	Hopping	-57.41	-20	Pass
NVNT	2-DH5	2402	Ant1	Hopping	-65.5	-20	Pass
NVNT	2-DH5	2480	Ant1	Hopping	-59.54	-20	Pass
NVNT	3-DH5	2402	Ant1	Hopping	-61.92	-20	Pass
NVNT	3-DH5	2480	Ant1	Hopping	-60.38	-20	Pass

Right

Condition	Mode	Frequency (MHz)	Antenna	Hopping Mode	Max Value (dBc)	Limit (dBc)	Verdict
NVNT	1-DH5	2402	Ant1	No-Hopping	-55	-20	Pass
NVNT	1-DH5	2480	Ant1	No-Hopping	-62.92	-20	Pass
NVNT	2-DH5	2402	Ant1	No-Hopping	-52.17	-20	Pass
NVNT	2-DH5	2480	Ant1	No-Hopping	-63.31	-20	Pass
NVNT	3-DH5	2402	Ant1	No-Hopping	-56.24	-20	Pass
NVNT	3-DH5	2480	Ant1	No-Hopping	-64.63	-20	Pass
NVNT	1-DH5	2402	Ant1	Hopping	-66.12	-20	Pass
NVNT	1-DH5	2480	Ant1	Hopping	-63.01	-20	Pass
NVNT	2-DH5	2402	Ant1	Hopping	-65.71	-20	Pass
NVNT	2-DH5	2480	Ant1	Hopping	-65.35	-20	Pass
NVNT	3-DH5	2402	Ant1	Hopping	-63.95	-20	Pass
NVNT	3-DH5	2480	Ant1	Hopping	-61.35	-20	Pass

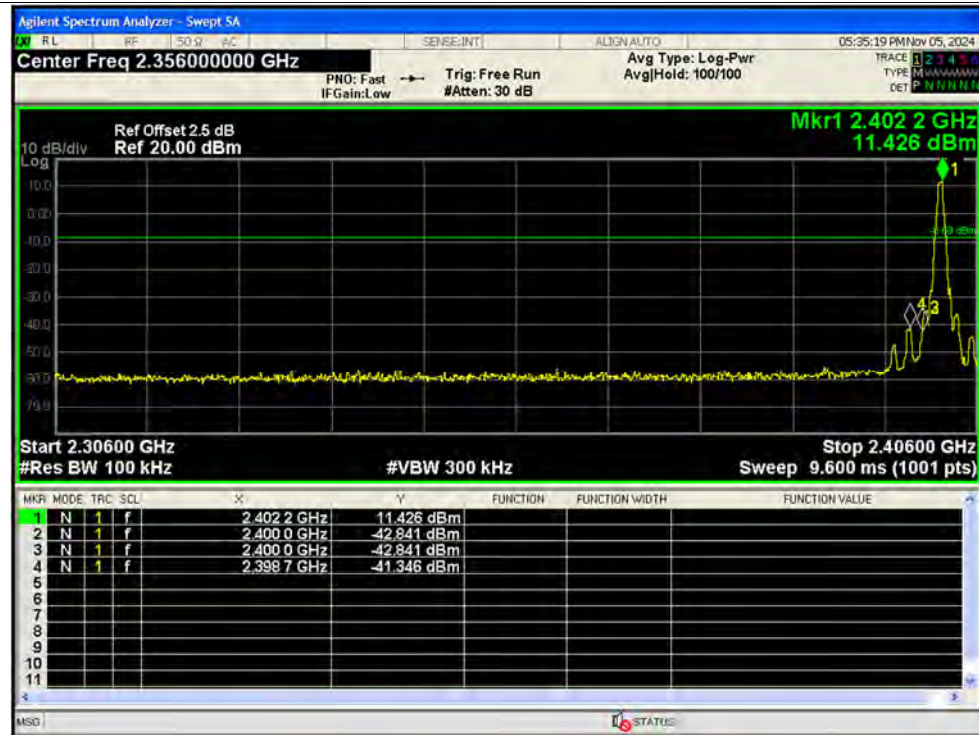
Left

Test Graphs

Band Edge NVNT 1-DH5 2402MHz Ant1 No-Hopping Ref



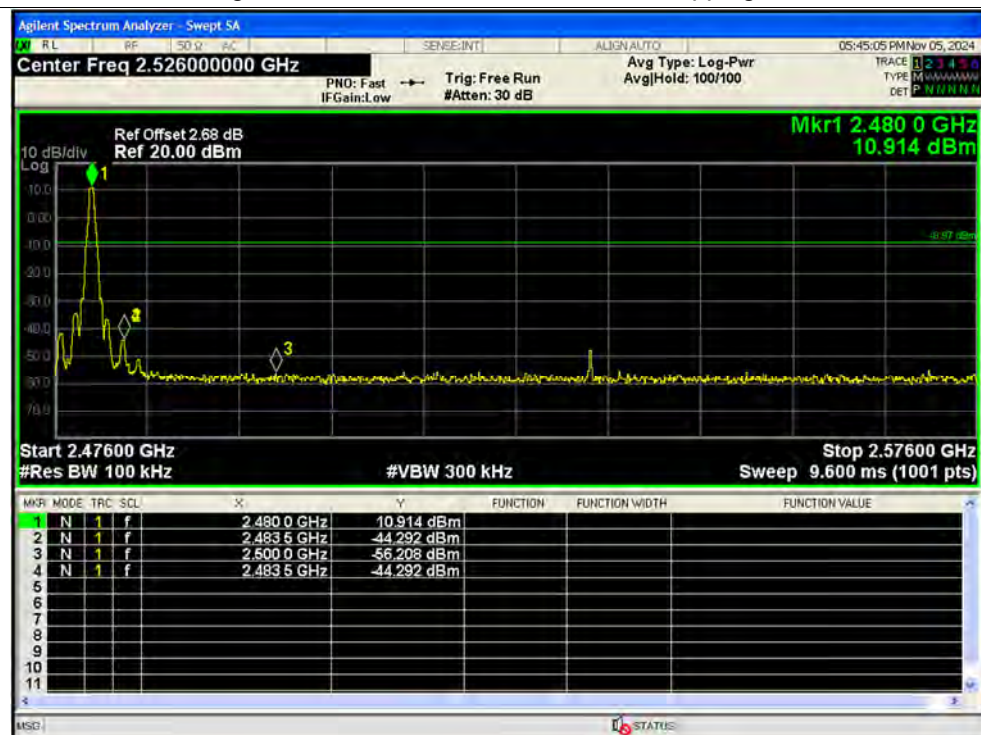
Band Edge NVNT 1-DH5 2402MHz Ant1 No-Hopping Emission



Band Edge NVNT 1-DH5 2480MHz Ant1 No-Hopping Ref



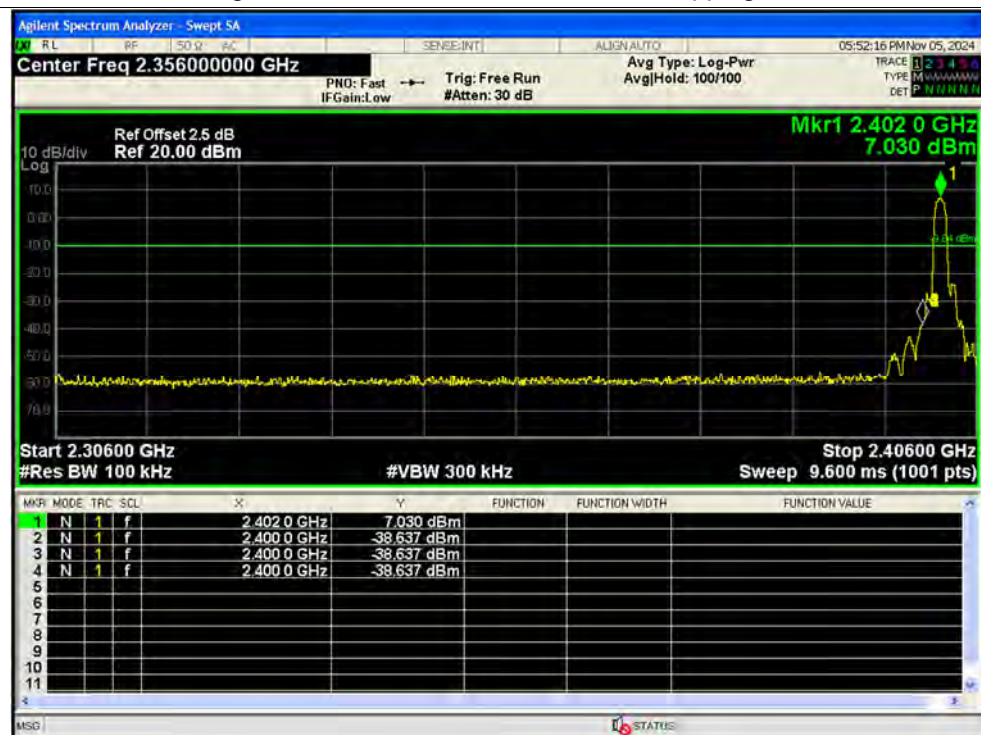
Band Edge NVNT 1-DH5 2480MHz Ant1 No-Hopping Emission



Band Edge NVNT 2-DH5 2402MHz Ant1 No-Hopping Ref



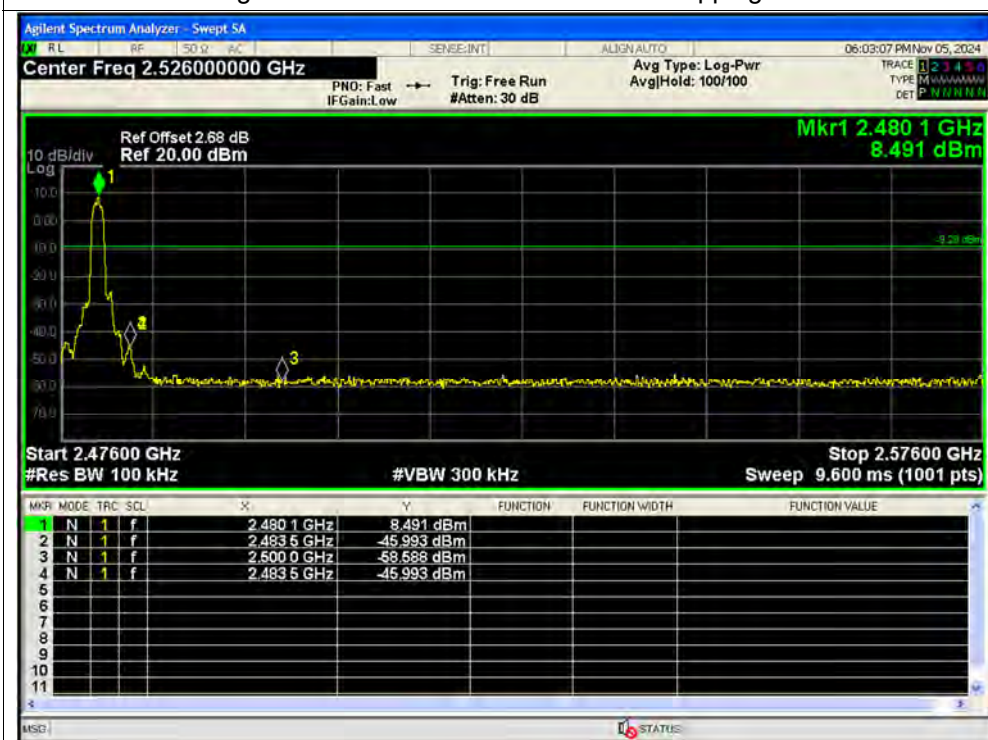
Band Edge NVNT 2-DH5 2402MHz Ant1 No-Hopping Emission



Band Edge NVNT 2-DH5 2480MHz Ant1 No-Hopping Ref



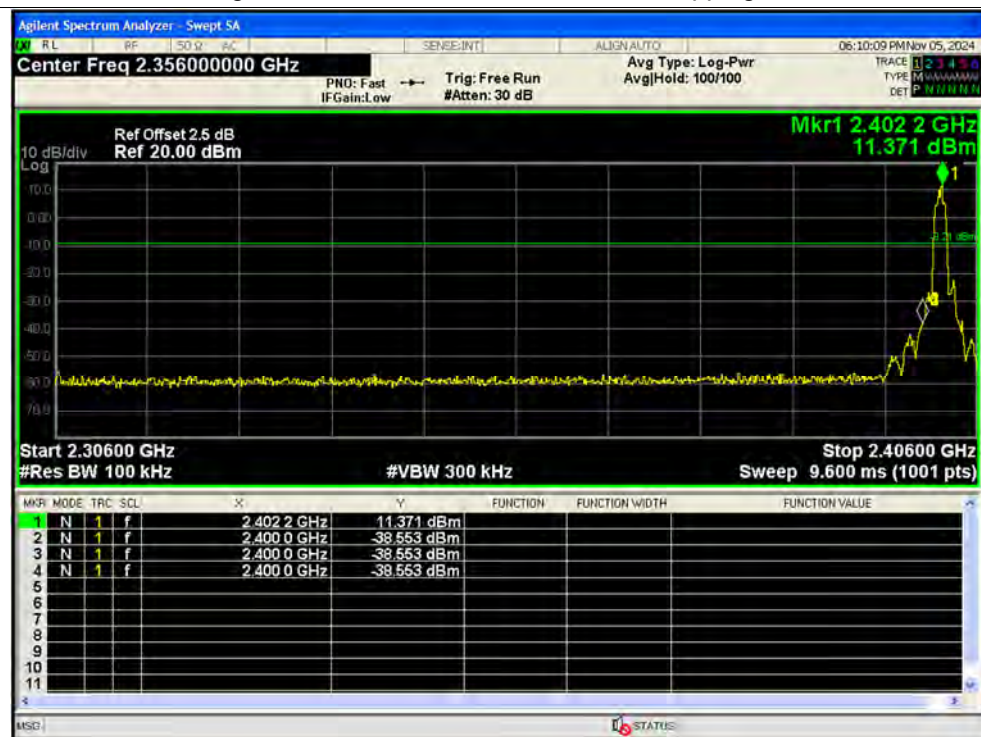
Band Edge NVNT 2-DH5 2480MHz Ant1 No-Hopping Emission



Band Edge NVNT 3-DH5 2402MHz Ant1 No-Hopping Ref



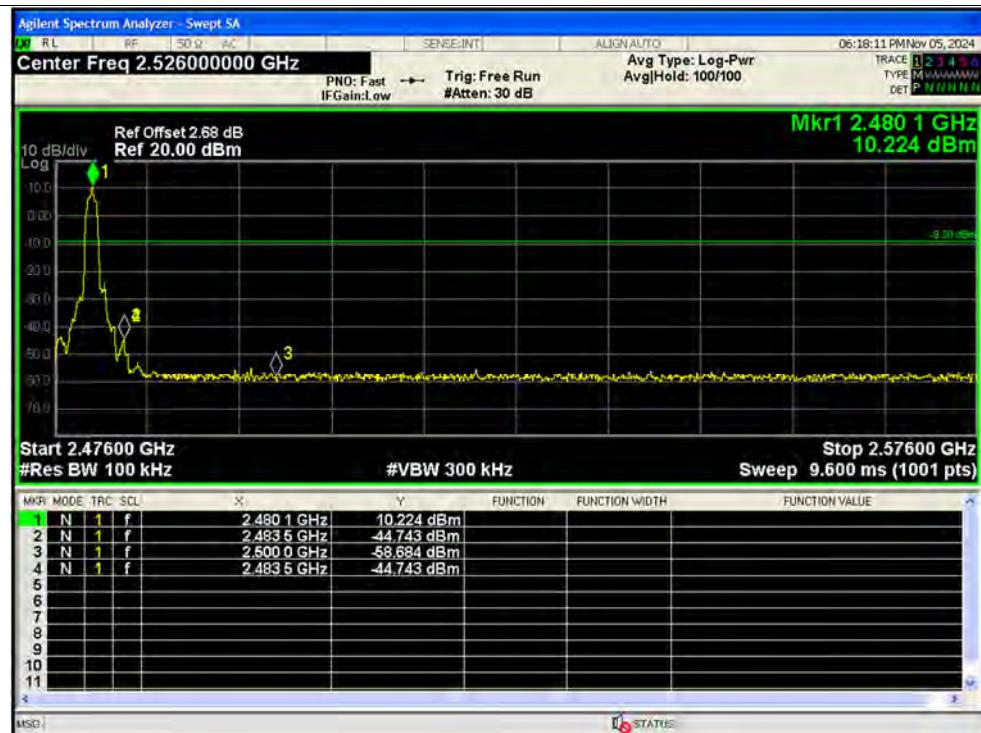
Band Edge NVNT 3-DH5 2402MHz Ant1 No-Hopping Emission



Band Edge NVNT 3-DH5 2480MHz Ant1 No-Hopping Ref



Band Edge NVNT 3-DH5 2480MHz Ant1 No-Hopping Emission



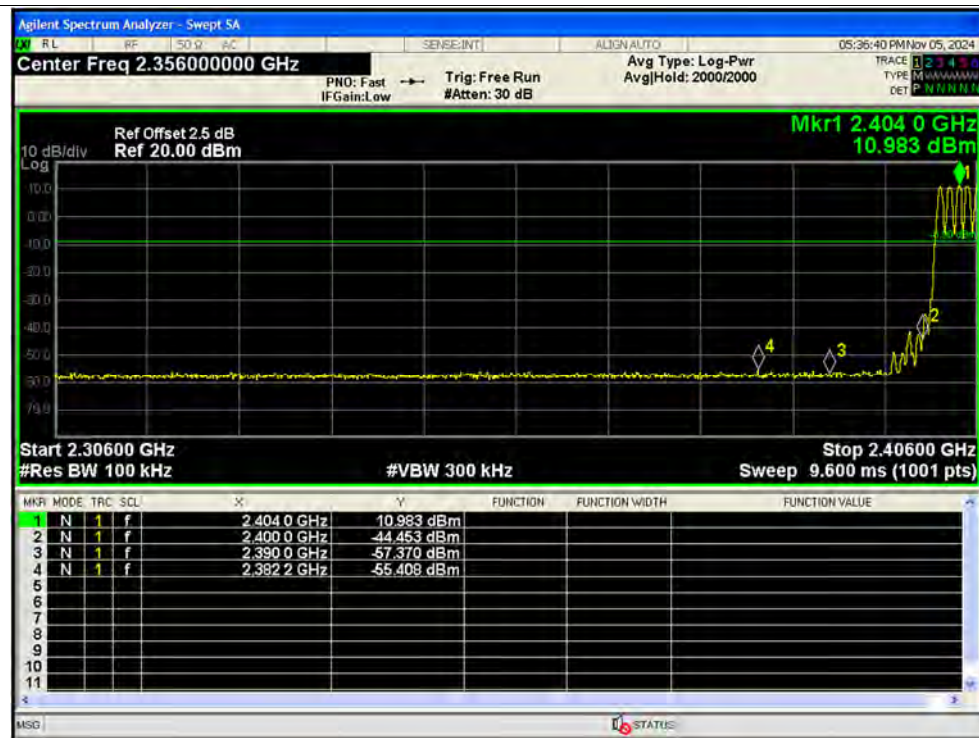
Left

Test Graphs

Band Edge(Hopping) NVNT 1-DH5 2402MHz Ant1 Hopping Ref



Band Edge(Hopping) NVNT 1-DH5 2402MHz Ant1 Hopping Emission

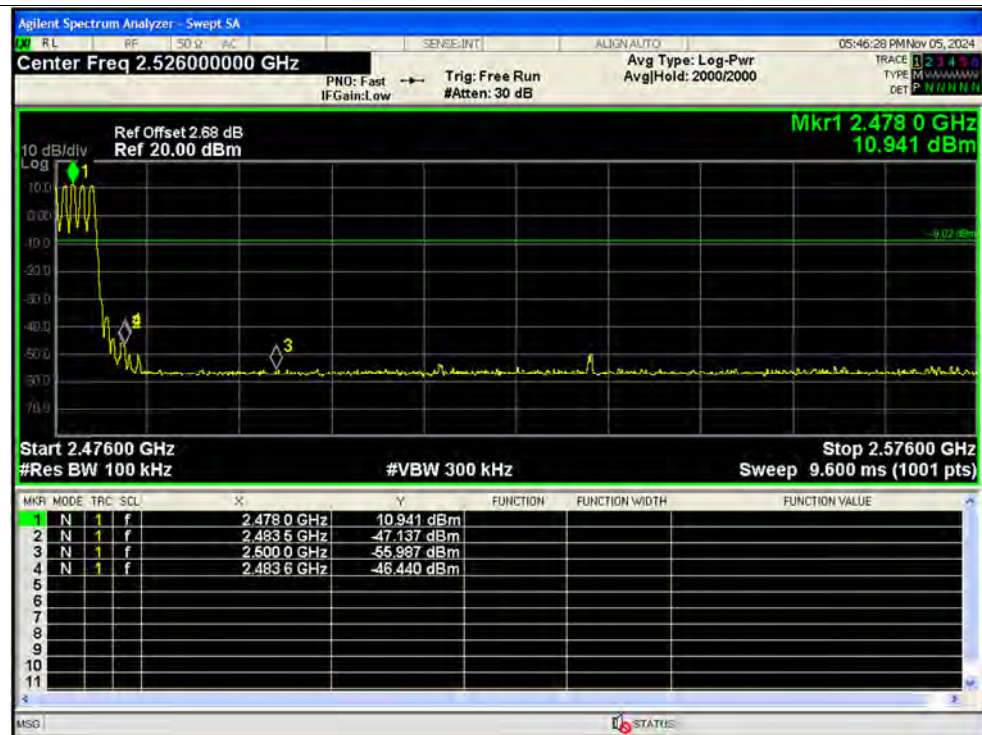




Band Edge(Hopping) NVNT 1-DH5 2480MHz Ant1 Hopping Ref



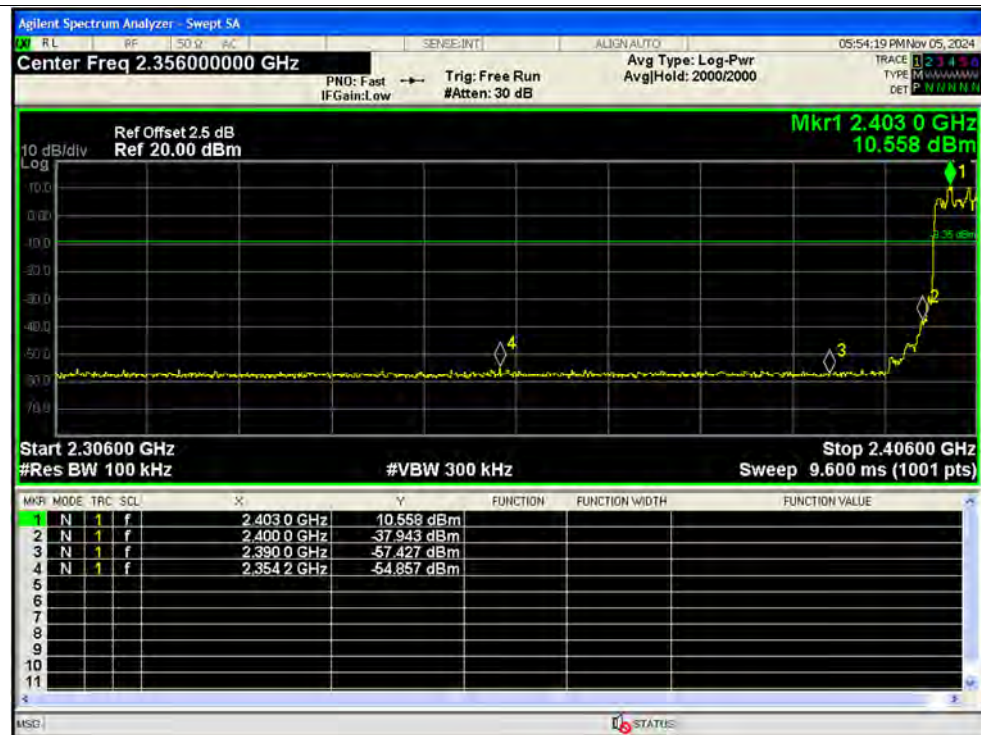
Band Edge(Hopping) NVNT 1-DH5 2480MHz Ant1 Hopping Emission



Band Edge(Hopping) NVNT 2-DH5 2402MHz Ant1 Hopping Ref



Band Edge(Hopping) NVNT 2-DH5 2402MHz Ant1 Hopping Emission

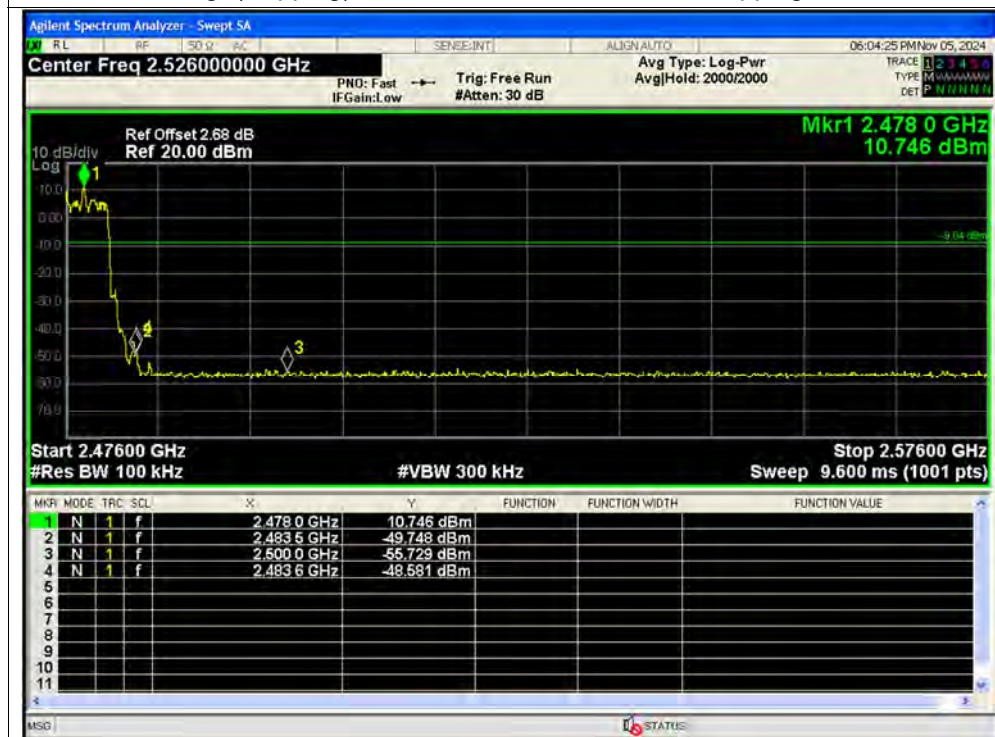




Band Edge(Hopping) NVNT 2-DH5 2480MHz Ant1 Hopping Ref



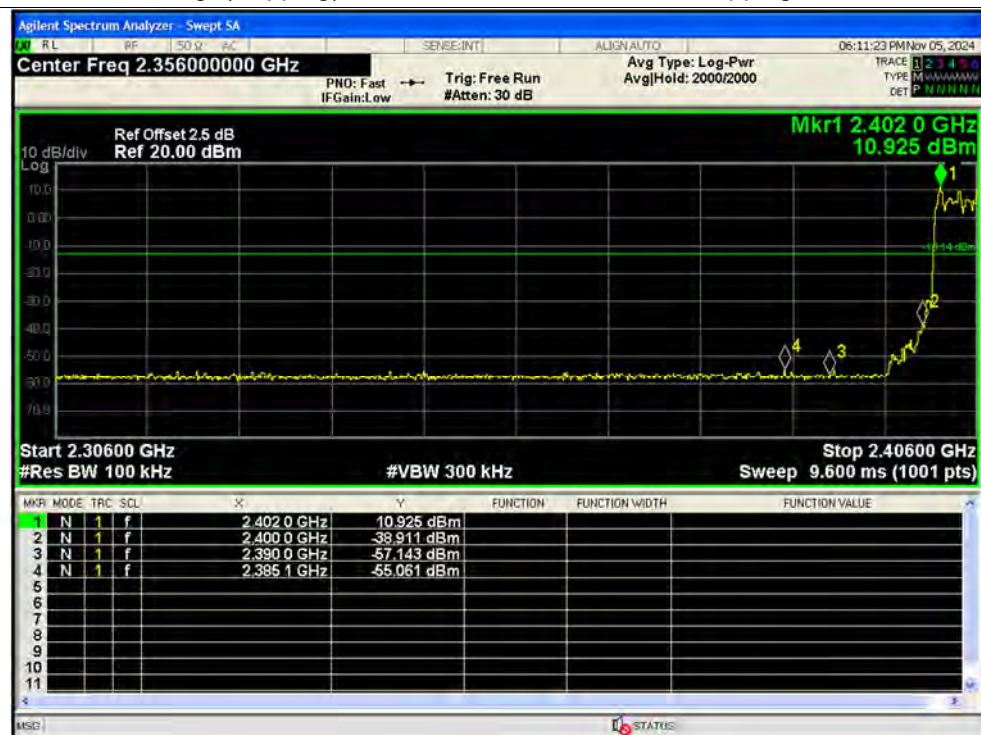
Band Edge(Hopping) NVNT 2-DH5 2480MHz Ant1 Hopping Emission



Band Edge(Hopping) NVNT 3-DH5 2402MHz Ant1 Hopping Ref



Band Edge(Hopping) NVNT 3-DH5 2402MHz Ant1 Hopping Emission

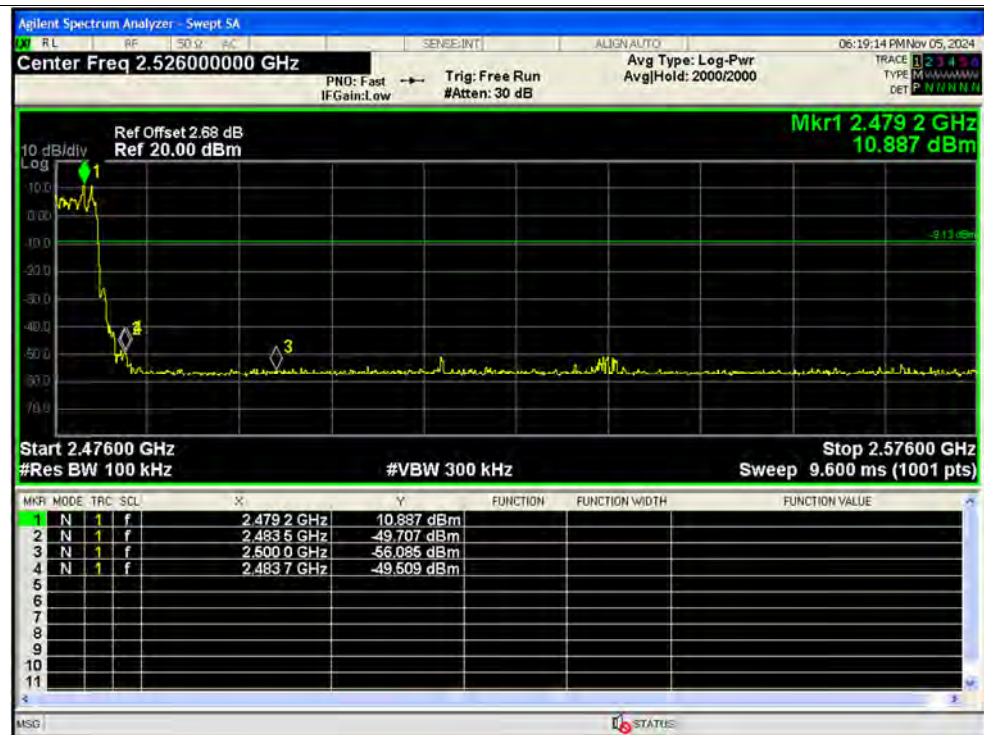




Band Edge(Hopping) NVNT 3-DH5 2480MHz Ant1 Hopping Ref



Band Edge(Hopping) NVNT 3-DH5 2480MHz Ant1 Hopping Emission



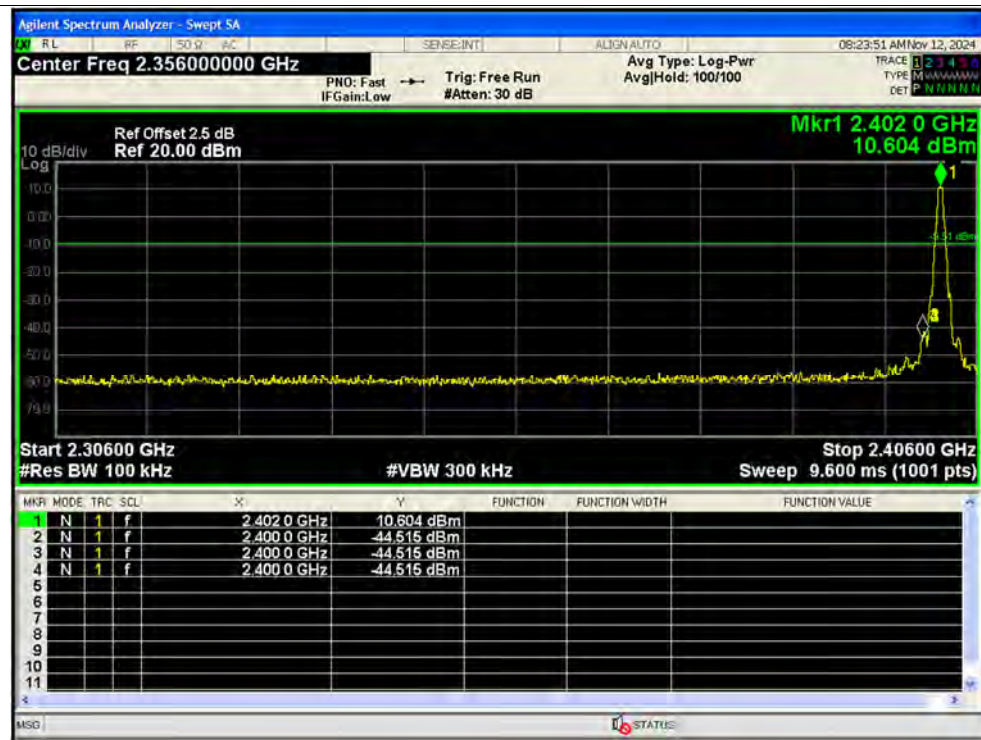
Right

Test Graphs

Band Edge NVNT 1-DH5 2402MHz Ant1 No-Hopping Ref



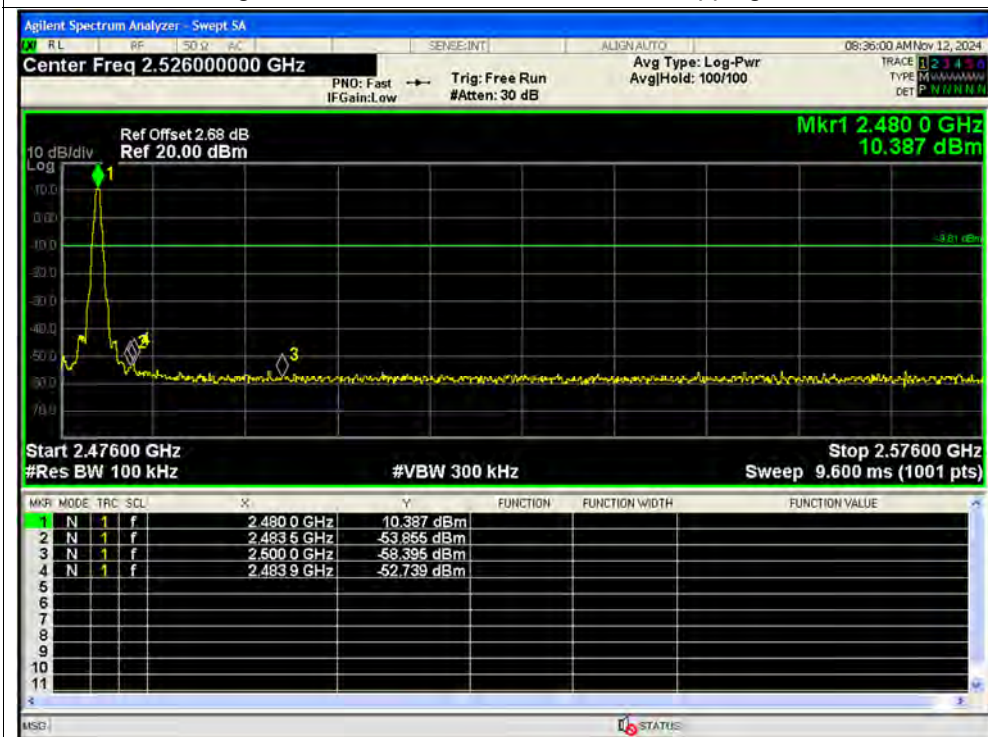
Band Edge NVNT 1-DH5 2402MHz Ant1 No-Hopping Emission



Band Edge NVNT 1-DH5 2480MHz Ant1 No-Hopping Ref



Band Edge NVNT 1-DH5 2480MHz Ant1 No-Hopping Emission

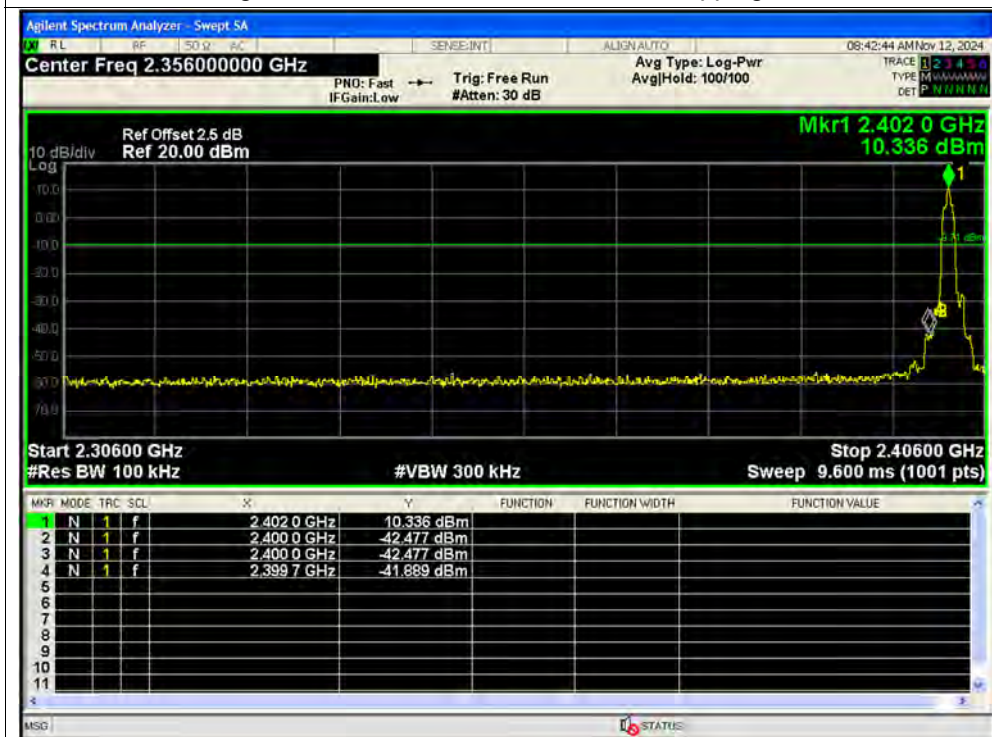




Band Edge NVNT 2-DH5 2402MHz Ant1 No-Hopping Ref



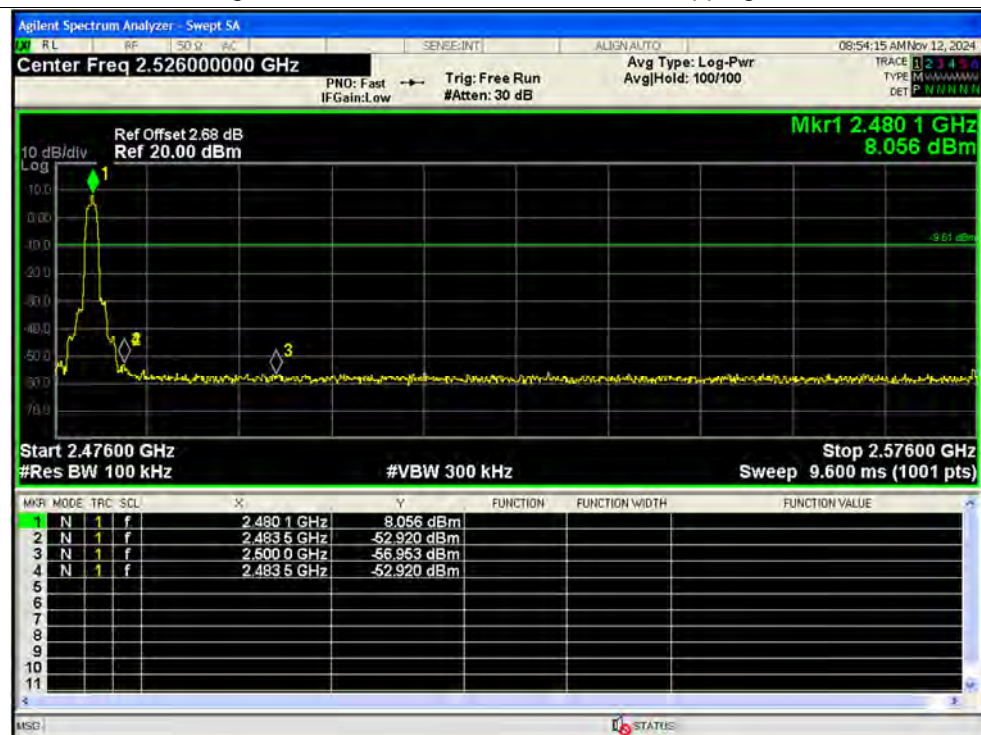
Band Edge NVNT 2-DH5 2402MHz Ant1 No-Hopping Emission



Band Edge NVNT 2-DH5 2480MHz Ant1 No-Hopping Ref



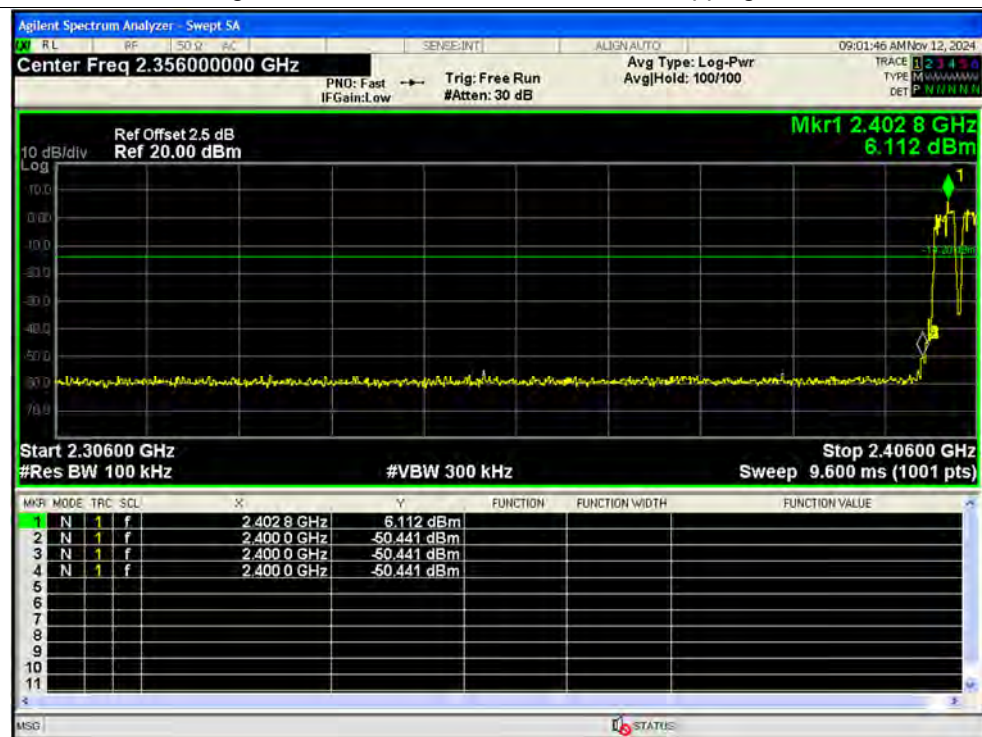
Band Edge NVNT 2-DH5 2480MHz Ant1 No-Hopping Emission



Band Edge NVNT 3-DH5 2402MHz Ant1 No-Hopping Ref



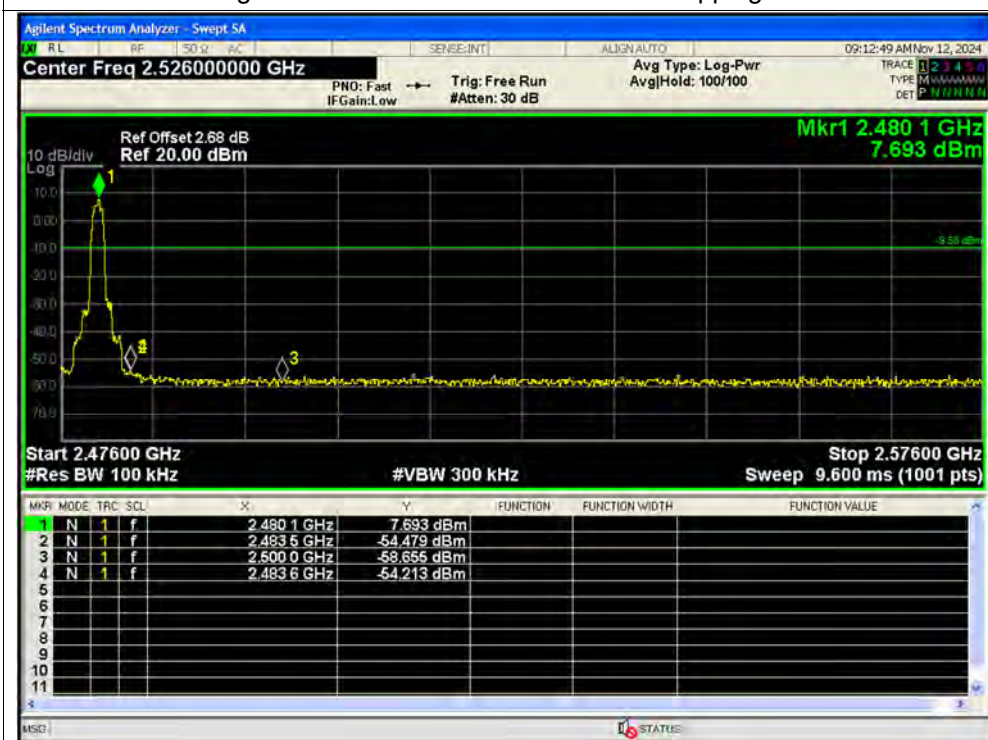
Band Edge NVNT 3-DH5 2402MHz Ant1 No-Hopping Emission



Band Edge NVNT 3-DH5 2480MHz Ant1 No-Hopping Ref



Band Edge NVNT 3-DH5 2480MHz Ant1 No-Hopping Emission



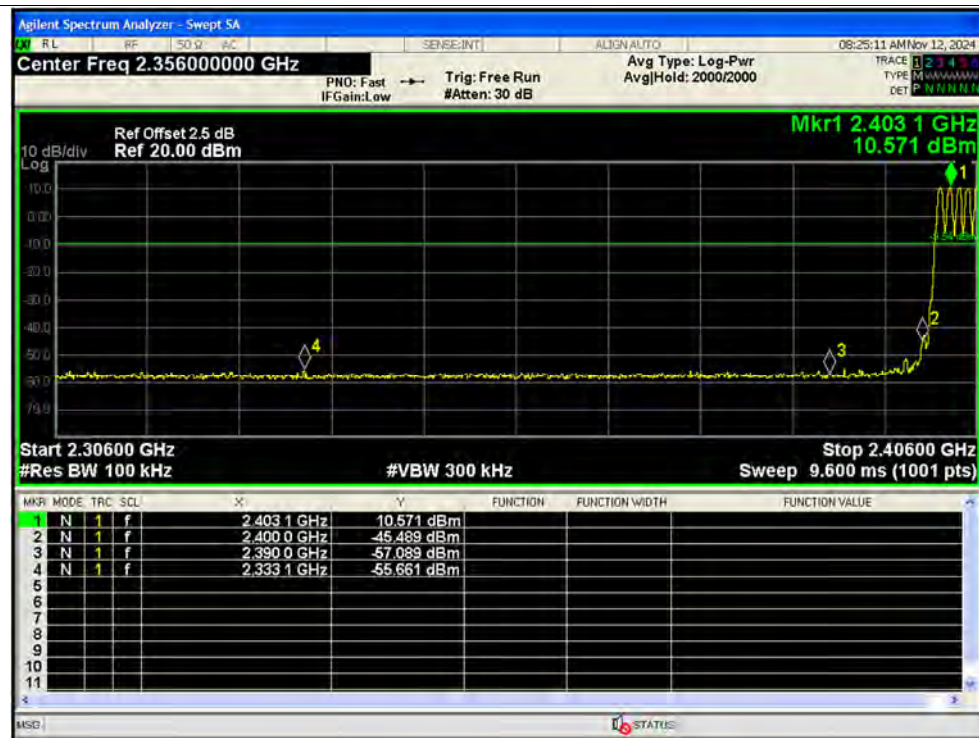
Right

Test Graphs

Band Edge(Hopping) NVNT 1-DH5 2402MHz Ant1 Hopping Ref



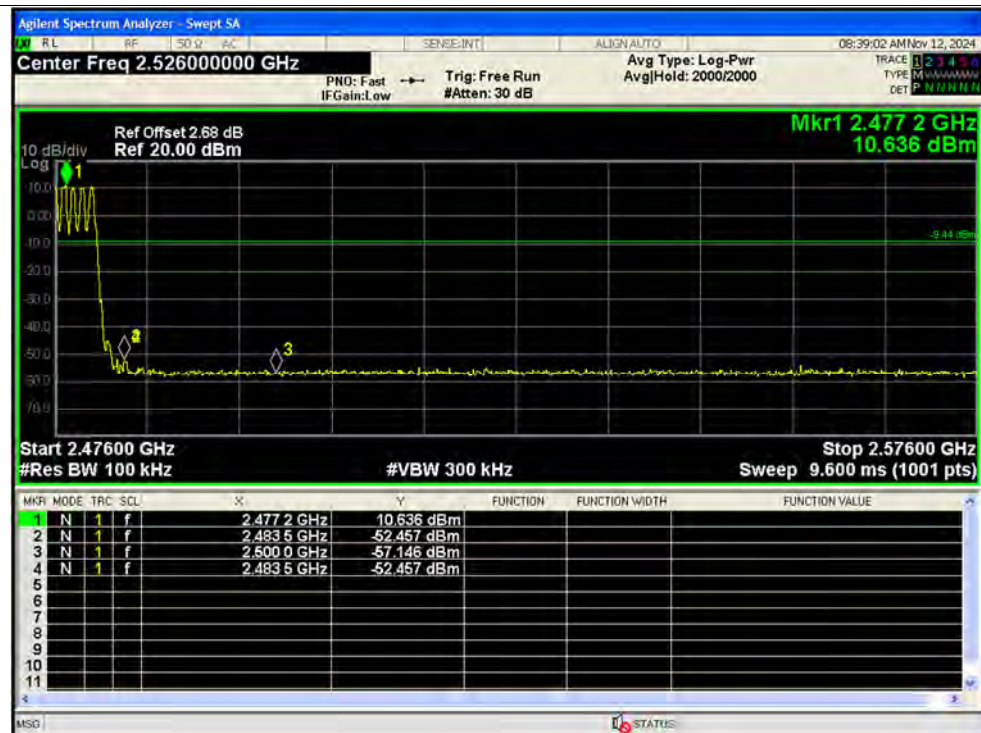
Band Edge(Hopping) NVNT 1-DH5 2402MHz Ant1 Hopping Emission



Band Edge(Hopping) NVNT 1-DH5 2480MHz Ant1 Hopping Ref



Band Edge(Hopping) NVNT 1-DH5 2480MHz Ant1 Hopping Emission

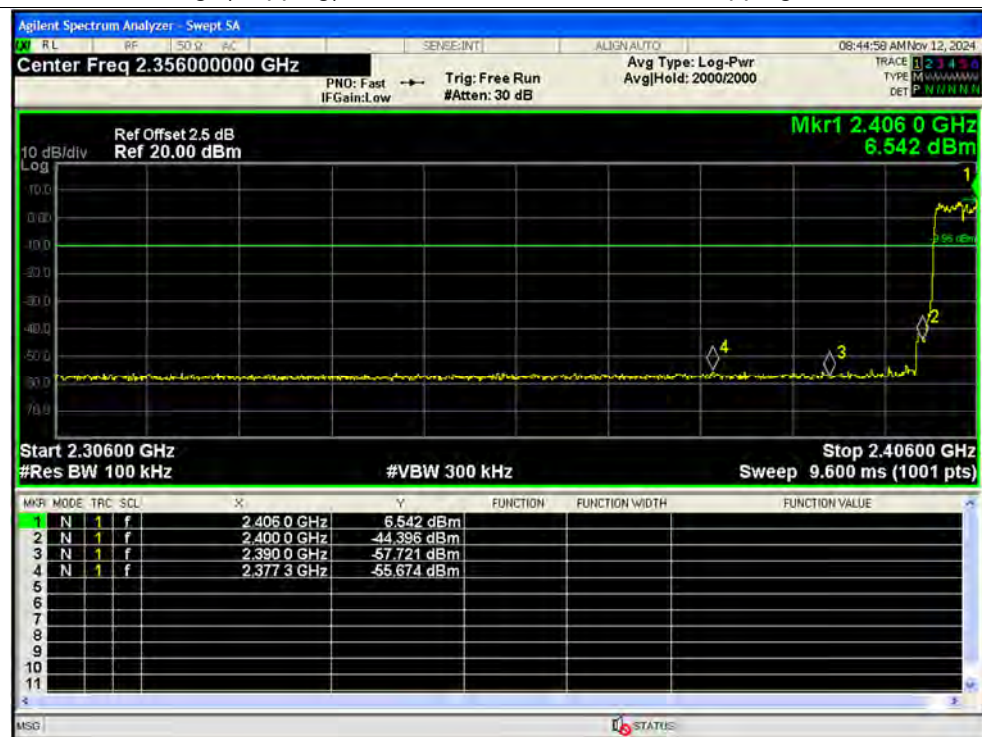




Band Edge(Hopping) NVNT 2-DH5 2402MHz Ant1 Hopping Ref



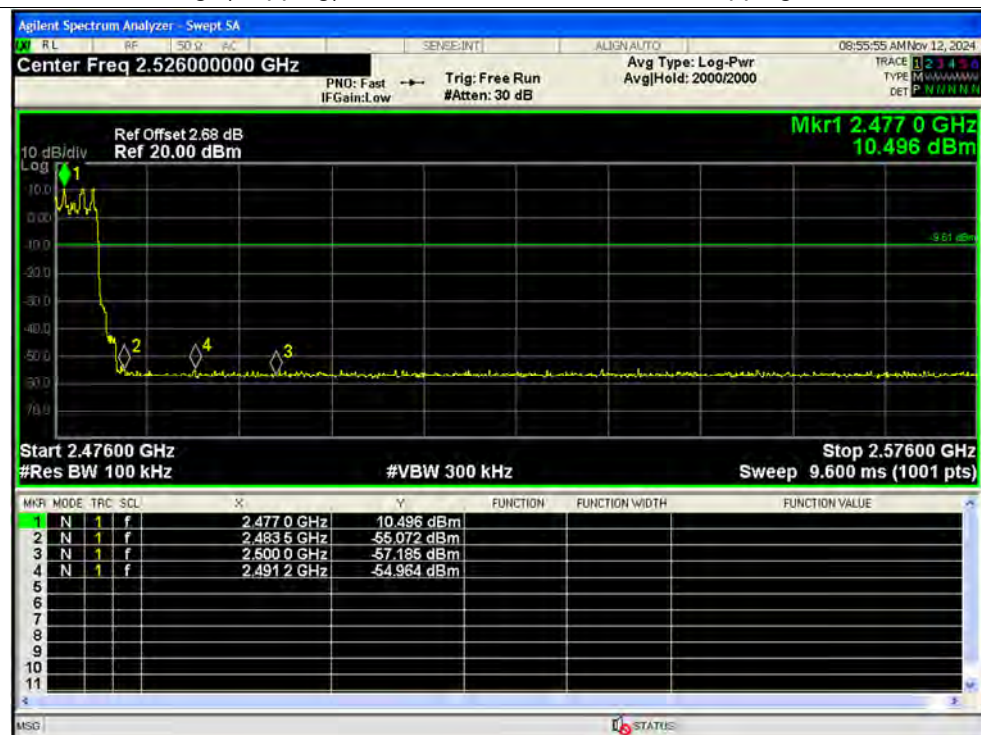
Band Edge(Hopping) NVNT 2-DH5 2402MHz Ant1 Hopping Emission



Band Edge(Hopping) NVNT 2-DH5 2480MHz Ant1 Hopping Ref



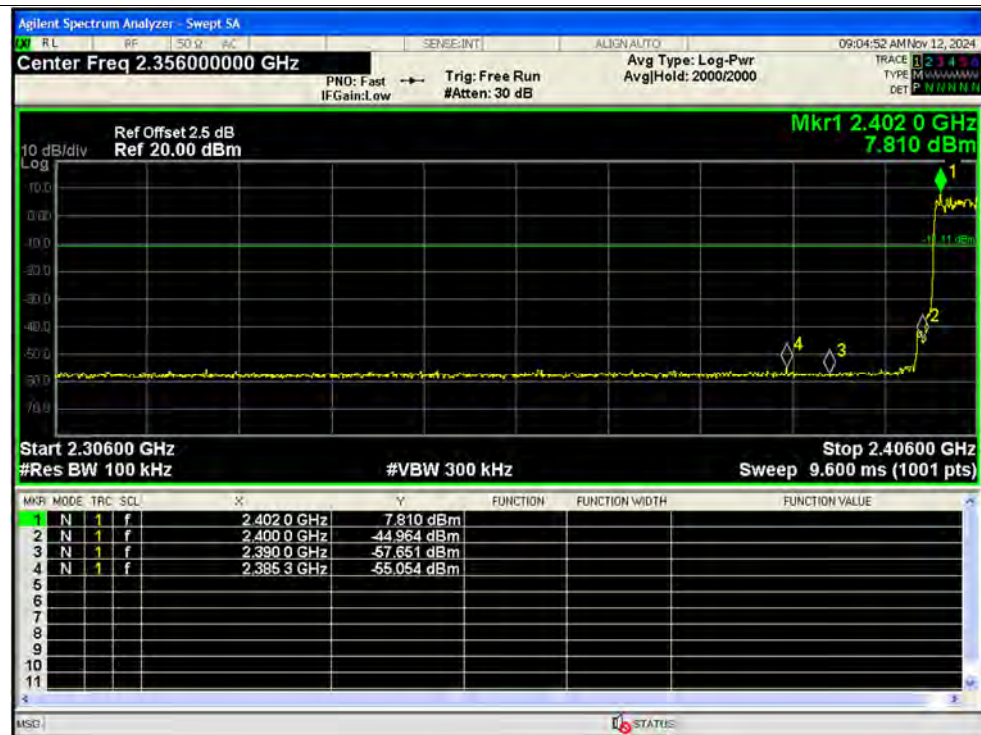
Band Edge(Hopping) NVNT 2-DH5 2480MHz Ant1 Hopping Emission



Band Edge(Hopping) NVNT 3-DH5 2402MHz Ant1 Hopping Ref



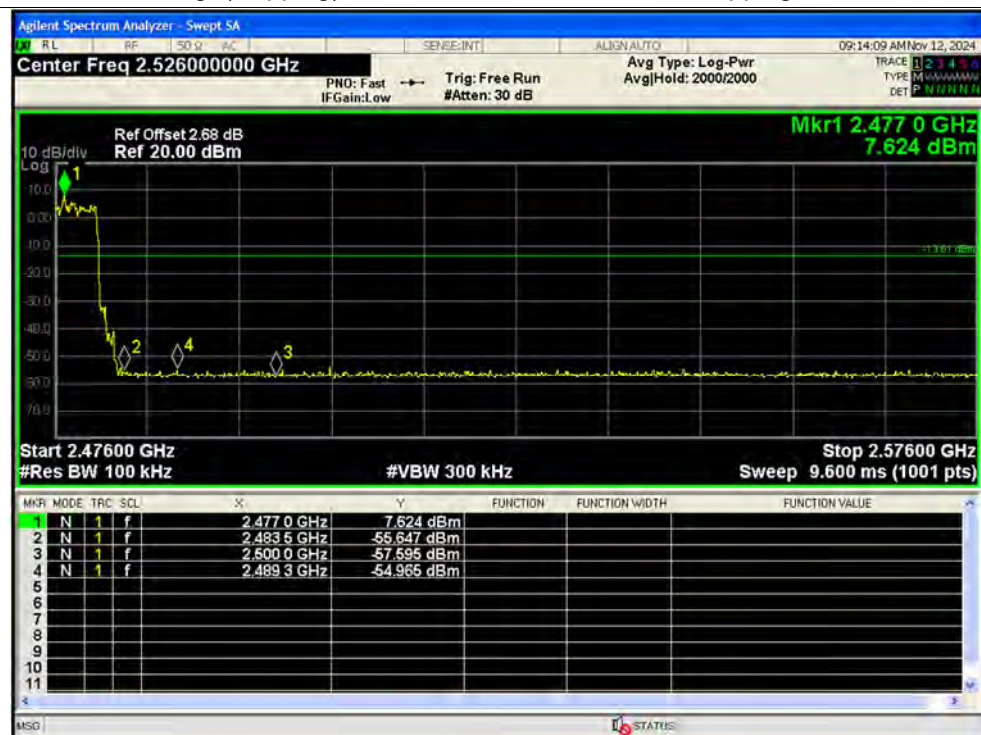
Band Edge(Hopping) NVNT 3-DH5 2402MHz Ant1 Hopping Emission



Band Edge(Hopping) NVNT 3-DH5 2480MHz Ant1 Hopping Ref



Band Edge(Hopping) NVNT 3-DH5 2480MHz Ant1 Hopping Emission



**A.10. 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 + USB Cable + BT TX

Test voltage: AC 120V/60Hz

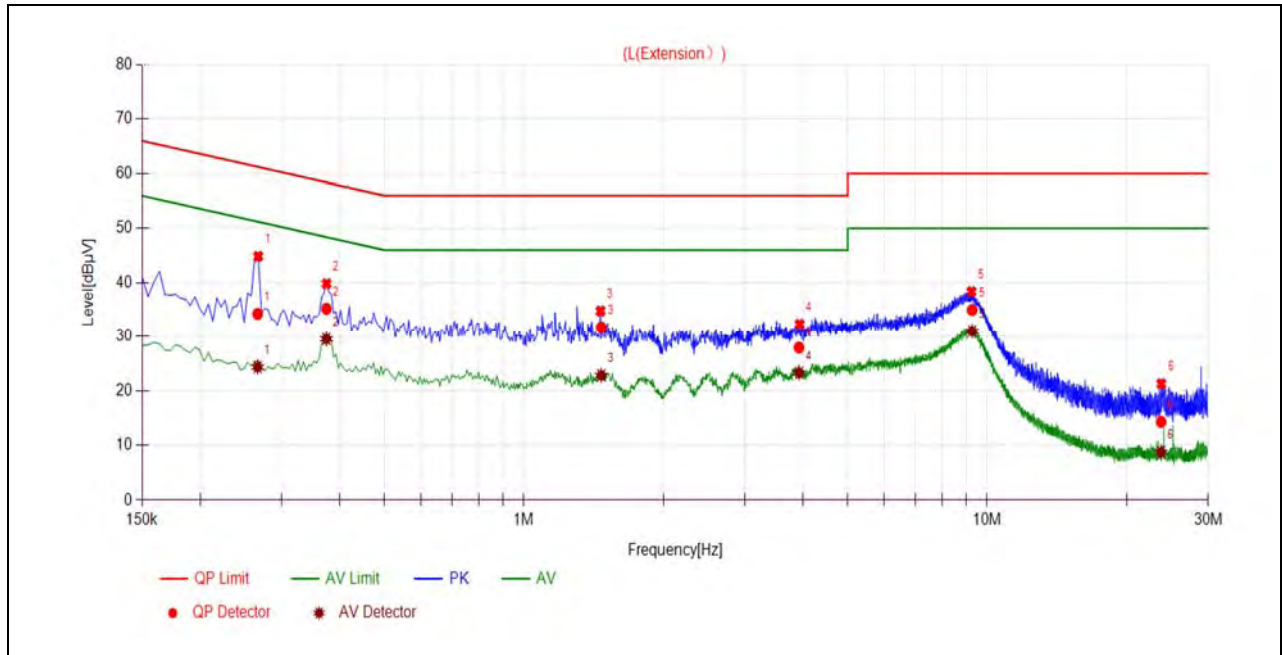
The measurement results are obtained as below:

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

U_R : Receiver Reading

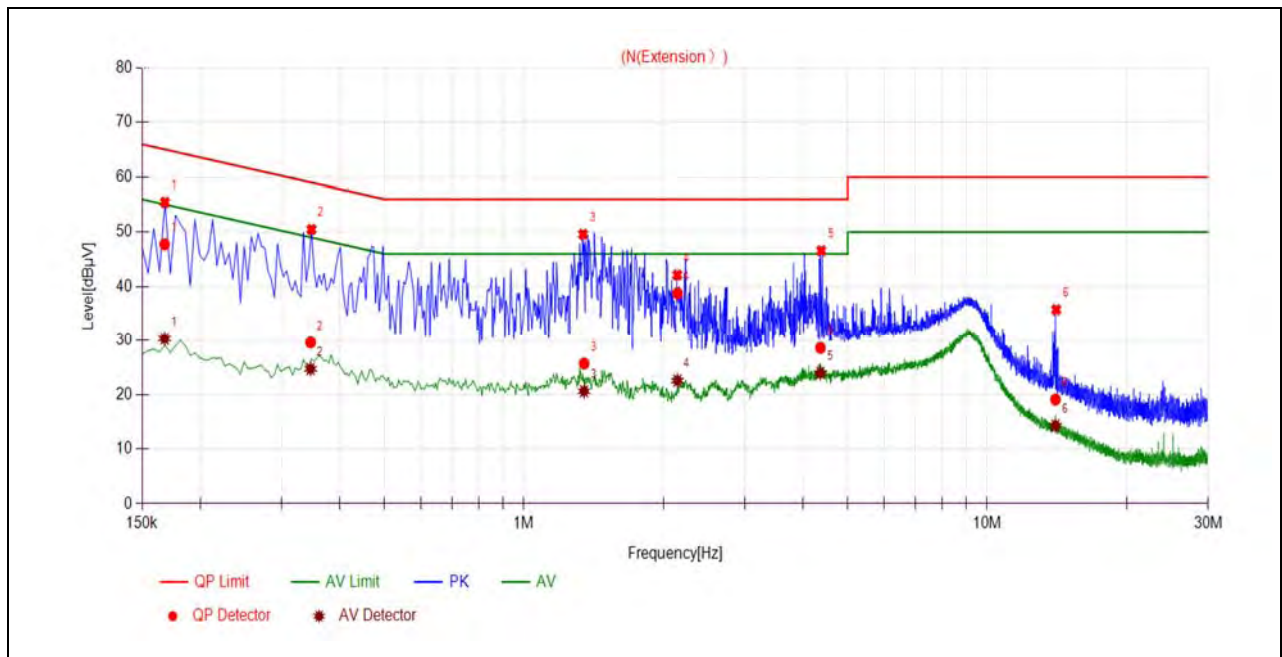
A_{Factor} : Voltage division factor of LISN

B. Test Plot:



(L Phase)

No.	Fre. (MHz)	Emission Level (dBμV)		Limit (dBμV)		Power-line	Verdict
		Quai-peak	Average	Quai-peak	Average		
1	0.2664	34.25	24.31	61.23	51.23	Line	PASS
2	0.3748	35.19	29.51	58.39	48.39		PASS
3	1.4692	31.72	22.80	56.00	46.00		PASS
4	3.9254	27.92	23.26	56.00	46.00		PASS
5	9.2814	34.97	31.01	60.00	50.00		PASS
6	23.7339	14.26	8.70	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	0.1677	47.77	30.32	65.08	55.08	Neutral	PASS
2	0.3465	29.62	24.70	59.05	49.05		PASS
3	1.3489	25.70	20.59	56.00	46.00		PASS
4	2.1453	38.78	22.55	56.00	46.00		PASS
5	4.3667	28.60	23.94	56.00	46.00		PASS
6	14.0414	19.06	14.26	60.00	50.00		PASS

**A.11. 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

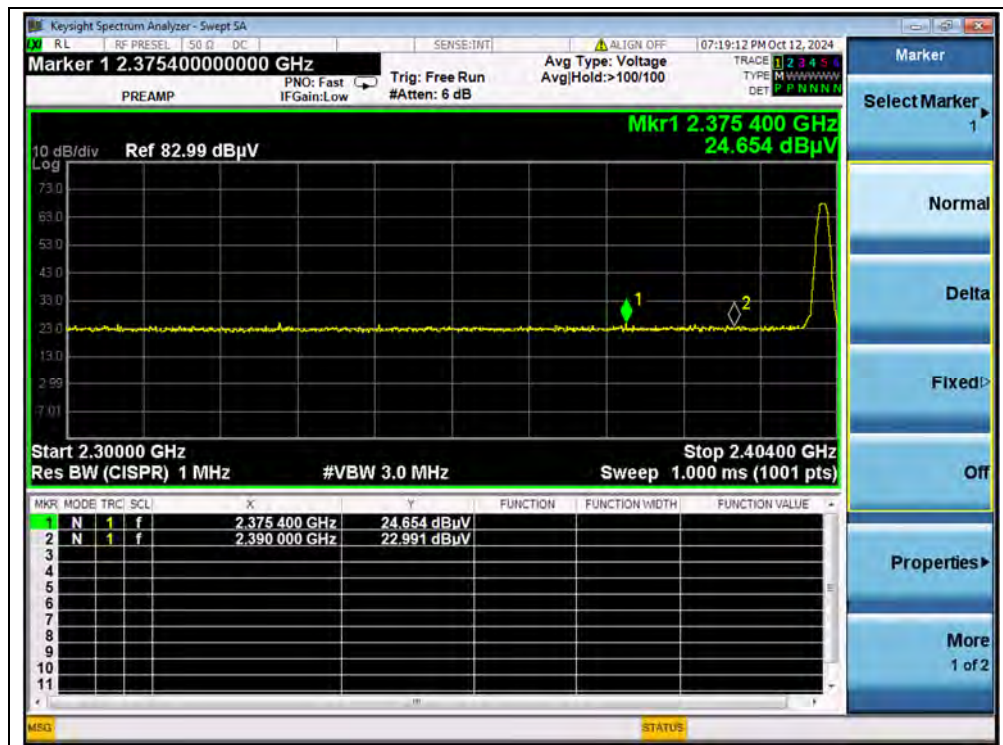
Note 1: Restricted Frequency Bands were performed when antenna was at vertical and horizontal polarity, and only the worse test condition was recorded in this test report.

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

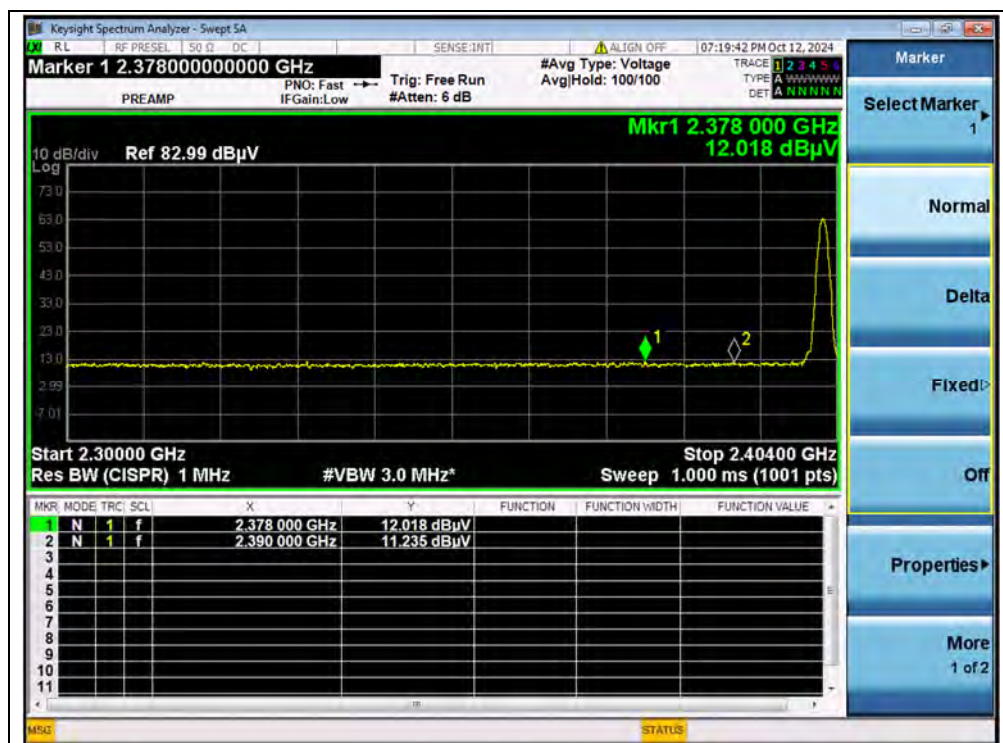
Left

GFSK Mode

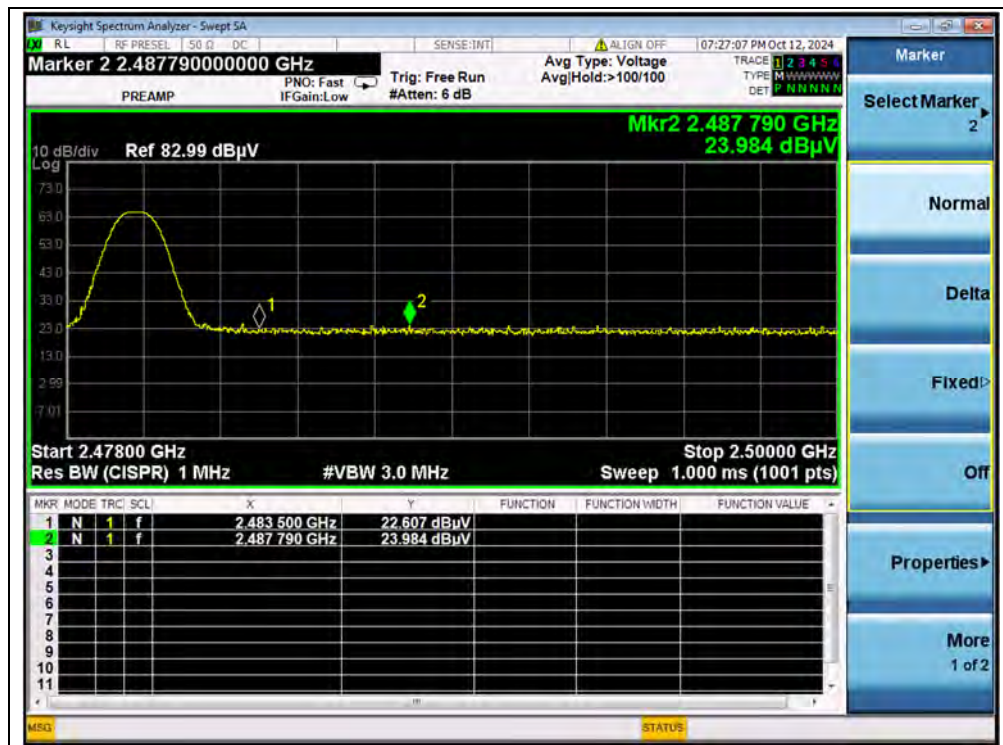
Channel	Frequency (MHz)	Detector	Receiver Reading U_R (dB μ V)	A_T (dB)	A_{Factor} (dB@3m)	Max. Emission E (dB μ V/m)	Limit (dB μ V/m)	Verdict
		PK/ AV						
0	2375.40	PK	24.65	7.20	28.80	60.65	74	PASS
0	2378.00	AV	12.02	7.20	28.80	48.02	54	PASS
78	2487.79	PK	23.98	7.20	28.80	59.98	74	PASS
78	2486.29	AV	12.04	7.20	28.80	48.04	54	PASS



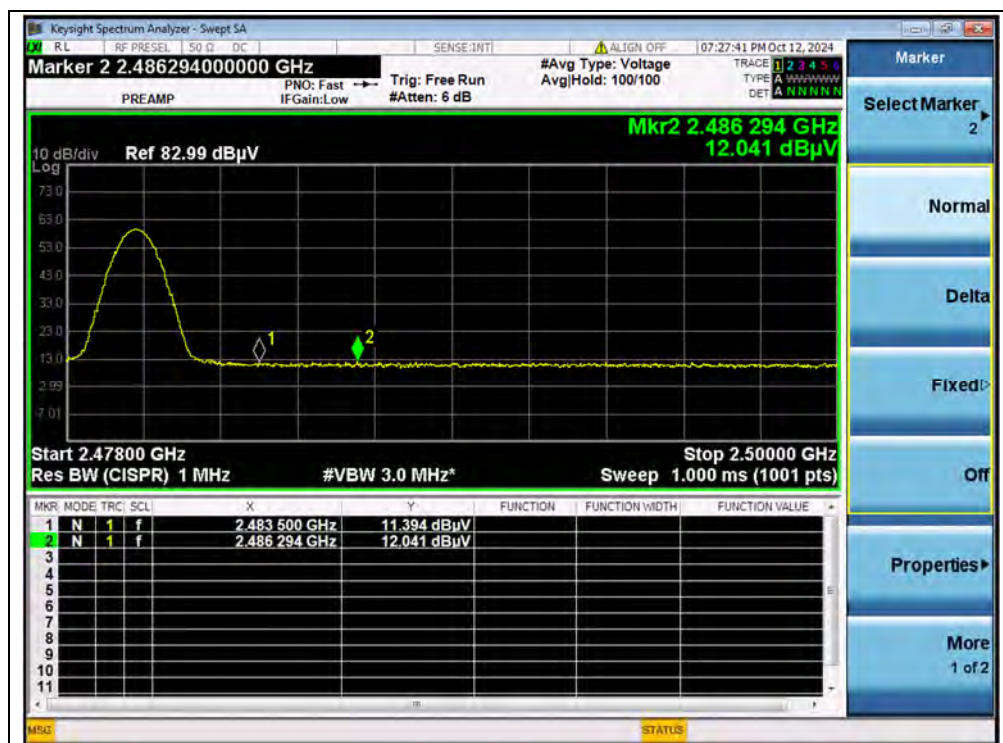
(PEAK, Channel 0, GFSK)



(AVERAGE, Channel 0, GFSK)



(PEAK, Channel 78, GFSK)

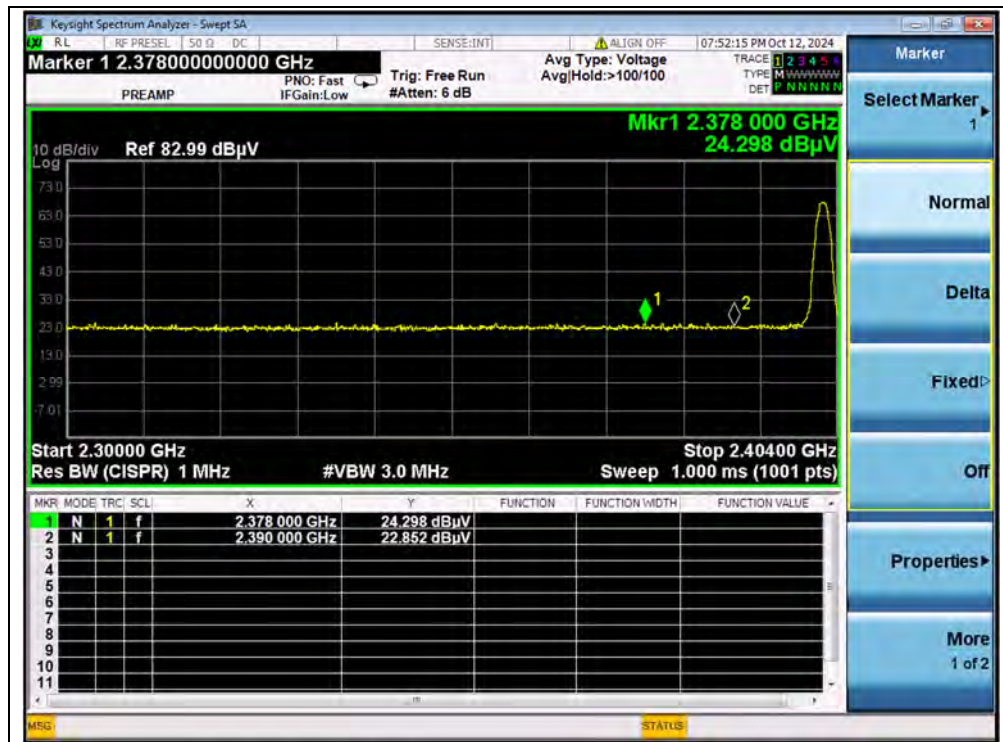


(AVERAGE, Channel 78, GFSK)

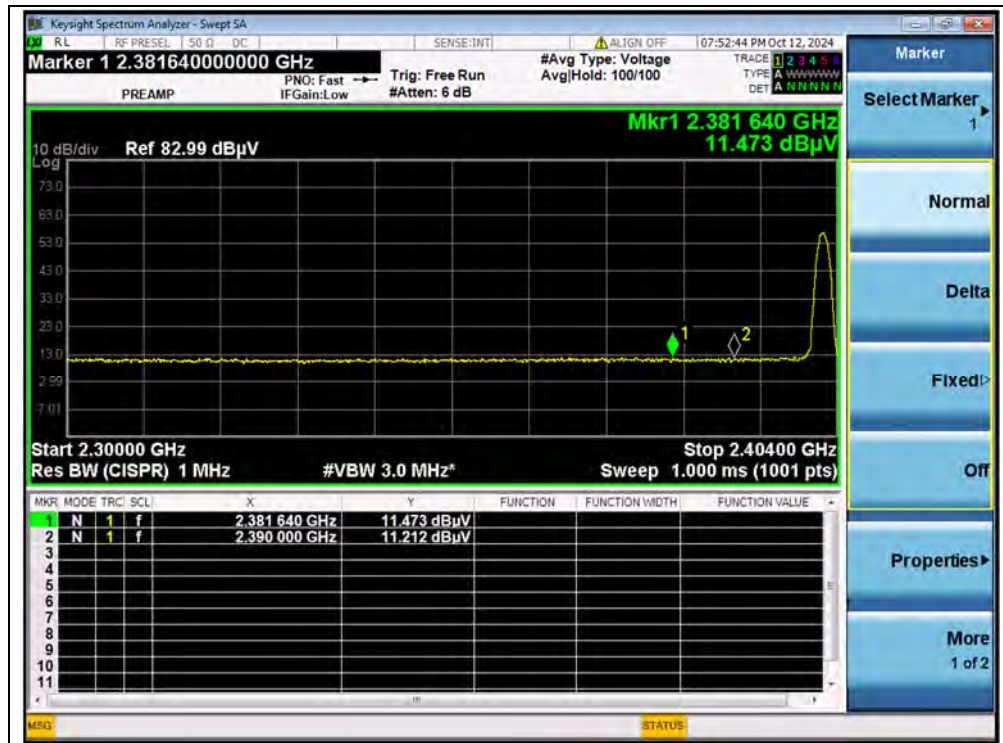


8-DPSK Mode

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	2378.00	PK	24.30	7.20	28.80	60.30	74	PASS
0	2381.64	AV	11.47	7.20	28.80	47.47	54	PASS
78	2484.42	PK	23.76	7.20	28.80	59.76	74	PASS
78	2483.98	AV	11.64	7.20	28.80	47.64	54	PASS



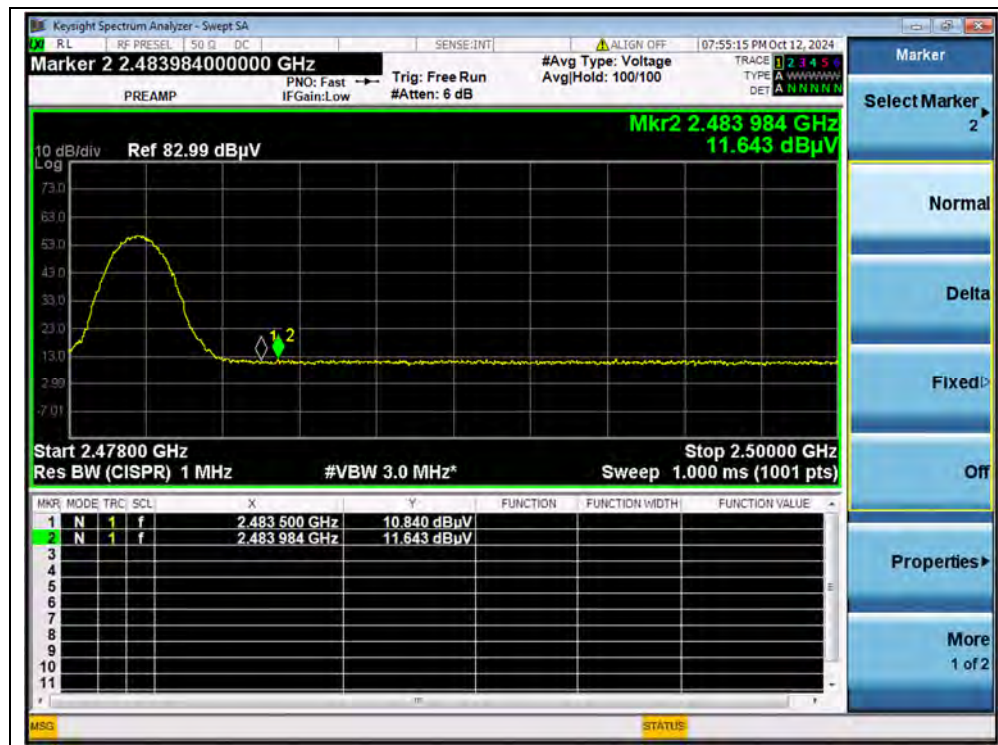
(PEAK, Channel 0, 8-DPSK)



(AVERAGE, Channel 0, 8-DPSK)



(PEAK, Channel 78, 8-DPSK)



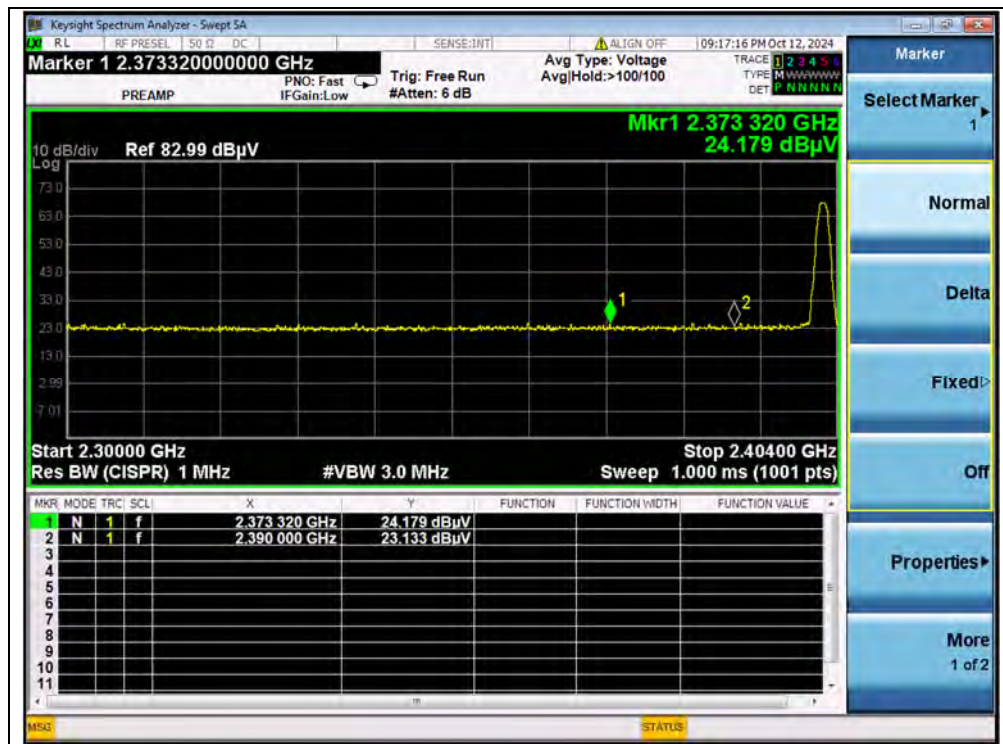
(AVERAGE, Channel 78, 8-DPSK)



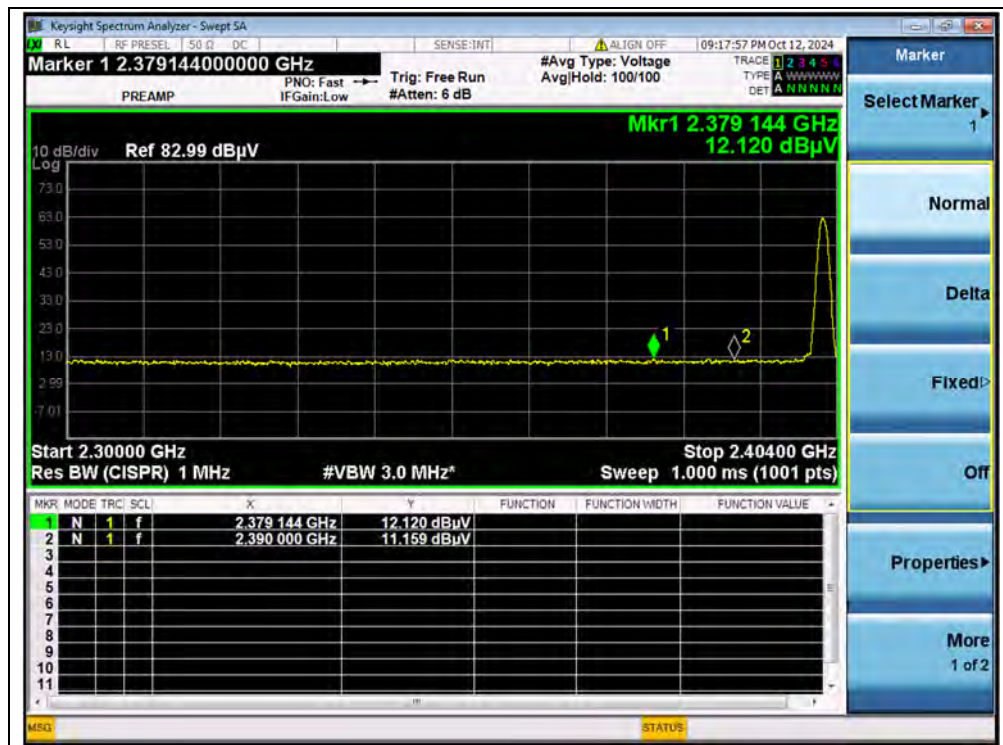
Right

GFSK Mode

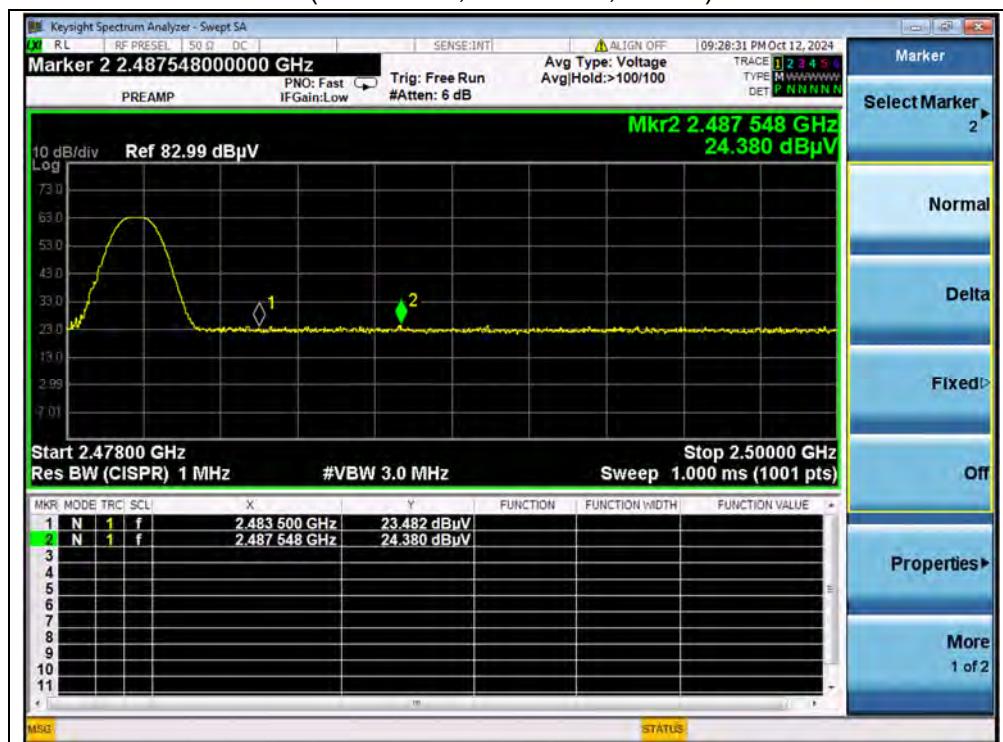
Channel	Frequency (MHz)	Detector	Receiver Reading U_R (dB μ V)	A_T (dB)	A_{Factor} (dB@3m)	Max. Emission E (dB μ V/m)	Limit (dB μ V/m)	Verdict
		PK/ AV						
0	2373.32	PK	24.18	7.20	28.80	60.18	74	PASS
0	2379.14	AV	12.12	7.20	28.80	48.12	54	PASS
78	2487.55	PK	24.38	7.20	28.80	60.38	74	PASS
78	2488.93	AV	11.98	7.20	28.80	47.98	54	PASS



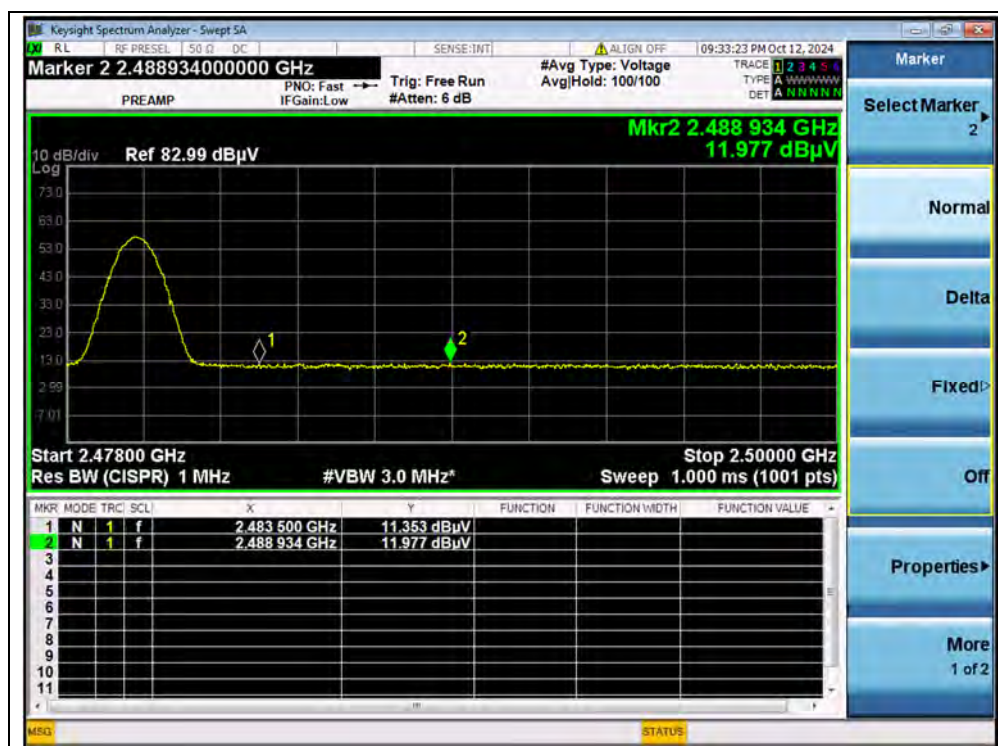
(PEAK, Channel 0, GFSK)



(AVERAGE, Channel 0, GFSK)



(PEAK, Channel 78, GFSK)

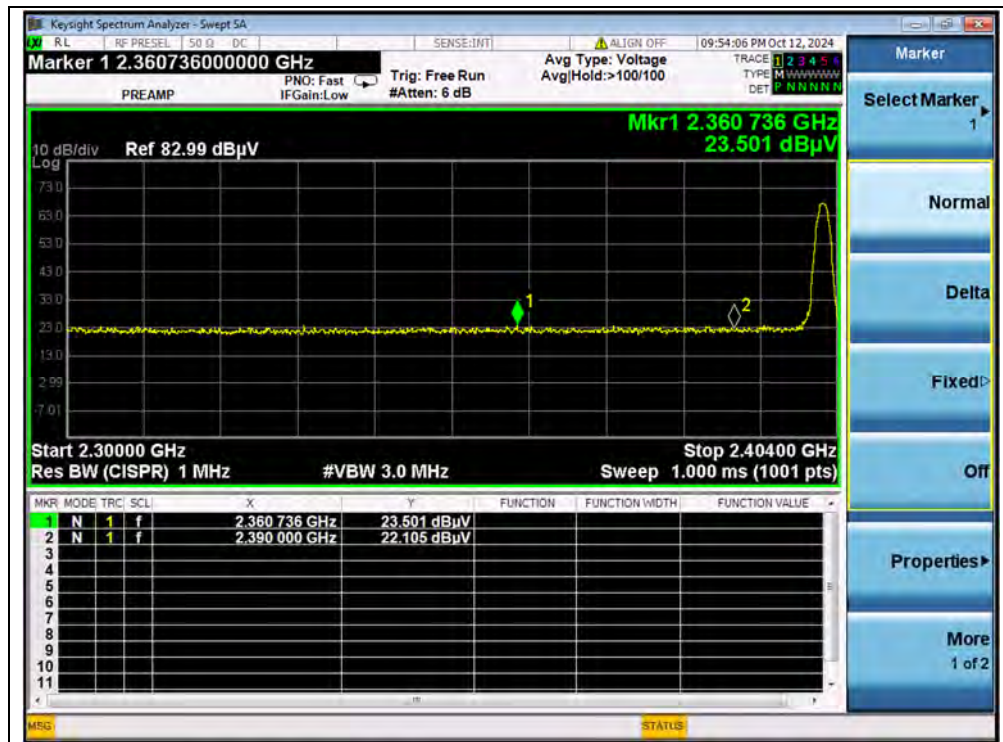


(AVERAGE, Channel 78, GFSK)

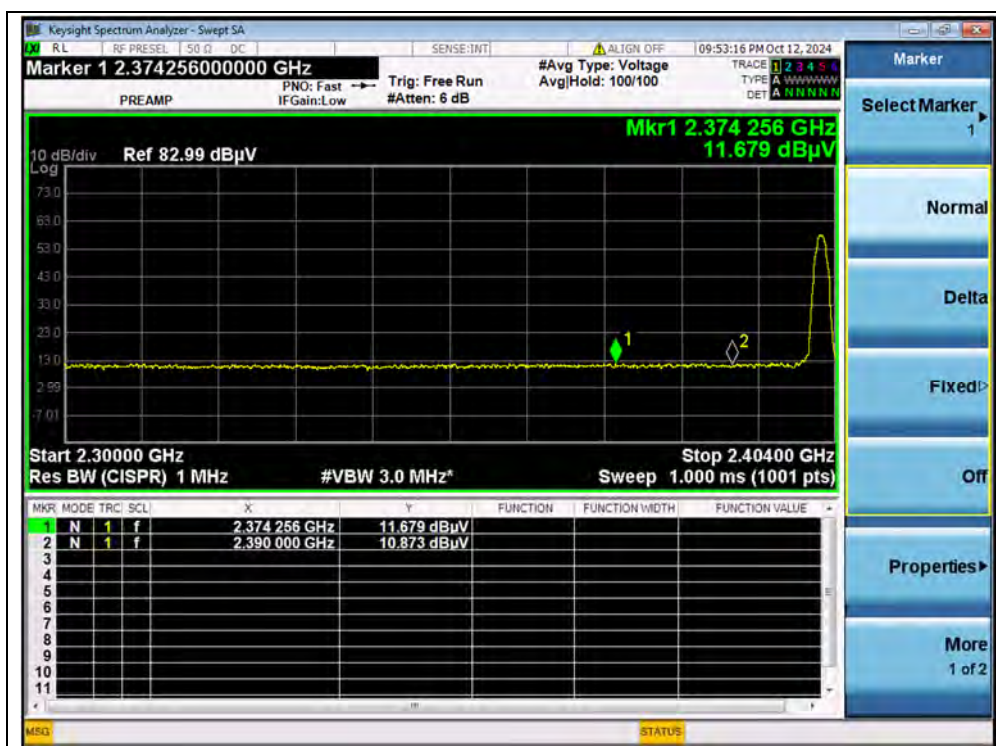


8-DPSK Mode

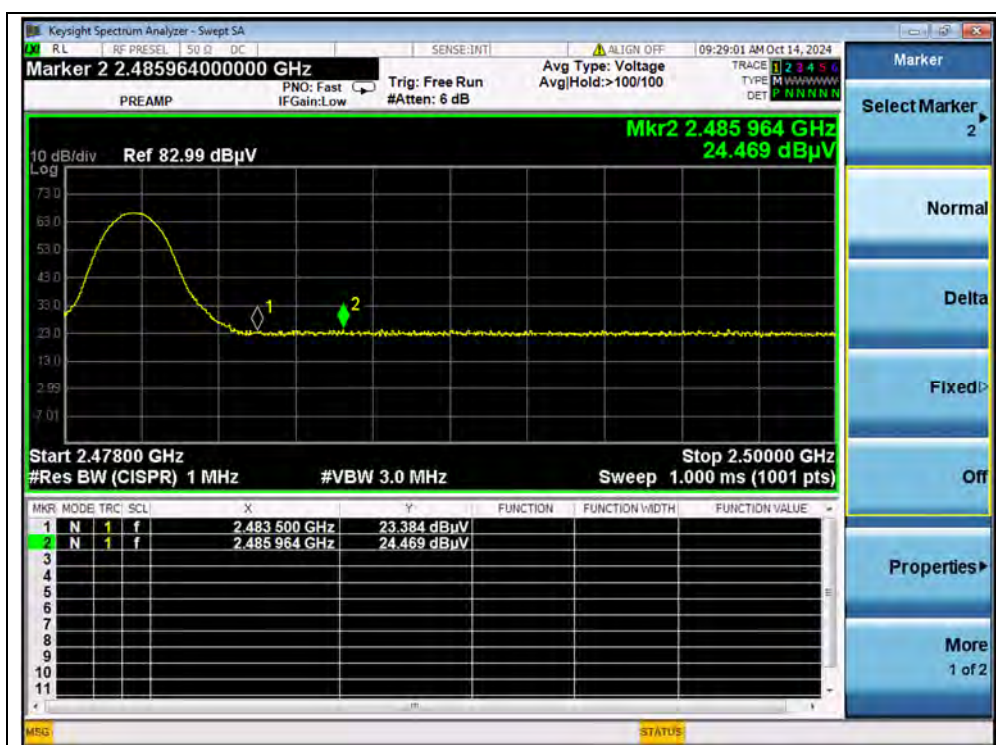
Channel	Frequency (MHz)	Detector	Receiver Reading U_R (dB μ V)	A_T (dB)	A_{Factor} (dB@3m)	Max. Emission E (dB μ V/m)	Limit (dB μ V/m)	Verdict
		PK/ AV						
0	2360.74	PK	23.50	7.20	28.80	59.50	74	PASS
0	2374.26	AV	11.68	7.20	28.80	47.68	54	PASS
78	2485.96	PK	24.47	7.20	28.80	60.47	74	PASS
78	2483.63	AV	12.08	7.20	28.80	48.08	54	PASS



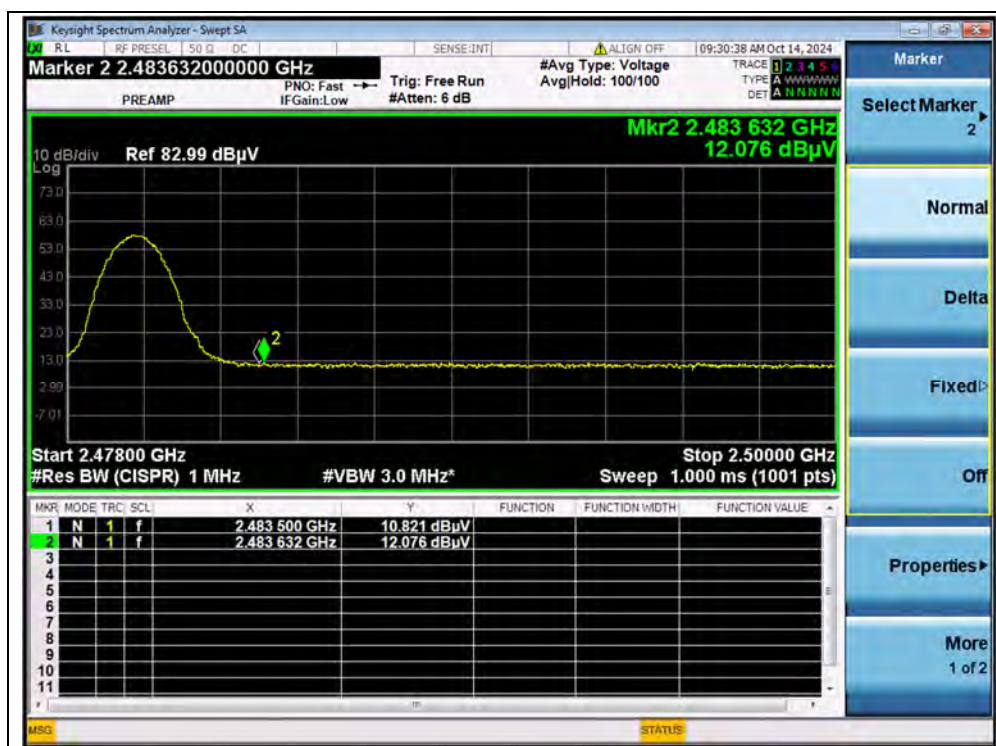
(PEAK, Channel 0, 8-DPSK)



(AVERAGE, Channel 0, 8-DPSK)



(PEAK, Channel 78, 8-DPSK)



(AVERAGE, Channel 78, 8-DPSK)



A.12. Radiated Emission

According to ANSI C63.10, because of peak detection will yield amplitudes equal to or greater than amplitudes measured with the quasi-peak (or average) detector, the measurement data from a spectrum analyzer peak detector will represent the worst-case results, if the peak measured value complies with the quasi-peak (or average) limit, it is unnecessary to perform an quasi-peak measurement (or average).

The measurement results are obtained as below:

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

A_T : Total correction Factor except Antenna

U_R : Receiver Reading

G_{preamp} : Preamplifier Gain

A_{Factor} : Antenna Factor at 3m

During the test, the total correction Factor A_T and A_{Factor} were built in test software.

Note1: All radiated emission tests were performed in X, Y, Z axis direction. And only the worst axis test condition was recorded in this test report.

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

Note3: For the frequency, which started from 18GHz to 10th harmonic of the highest frequency, was pre-scanned and the result which was 20dB lower than the limit was not recorded.

Note 4: All test modes were considered and evaluated respectively by performing full test, only the worst data were recorded.

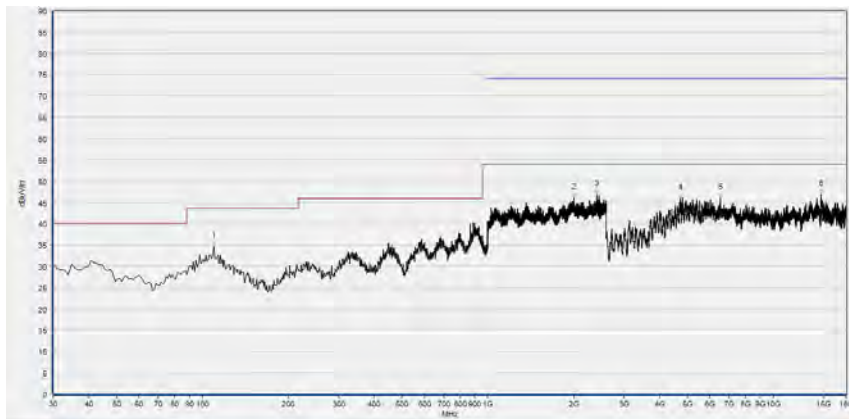
Field strength of fundamental:

Frequency (MHz)	Reading_Peak (dB μ V/m)	Antenna Factor (dB)	Path Loss (dB)	Final_Peak (dB μ V/m)	Antenna Polarity
2402.06	67.71	28.80	7.20	98.71	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).

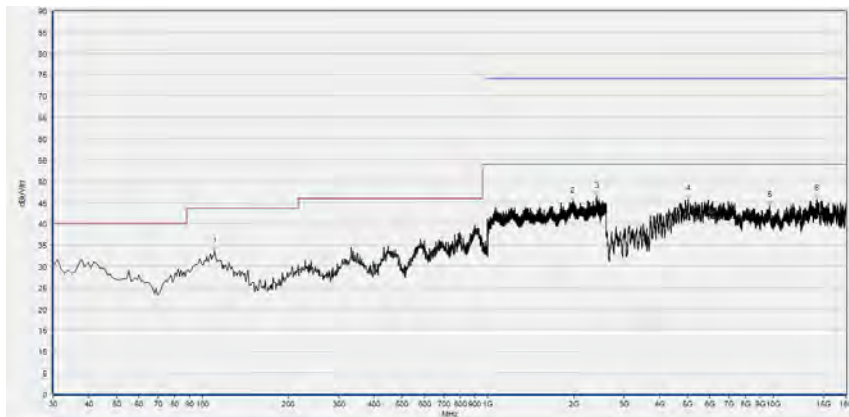
**Left, GFSK Mode**

Plots for Channel 0



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	34.61	N/A	N/A	N/A	43.50	N/A	Horizontal	PASS
1998.400	46.05	N/A	N/A	74.00	N/A	54.00	Horizontal	PASS
2409.600	46.97	N/A	N/A	74.00	N/A	54.00	Horizontal	PASS
4728.280	45.89	N/A	N/A	74.00	N/A	54.00	Horizontal	PASS
6523.920	46.06	N/A	N/A	74.00	N/A	54.00	Horizontal	PASS
14707.480	46.89	N/A	N/A	74.00	N/A	54.00	Horizontal	PASS

(Antenna Horizontal, 30MHz to 18GHz)

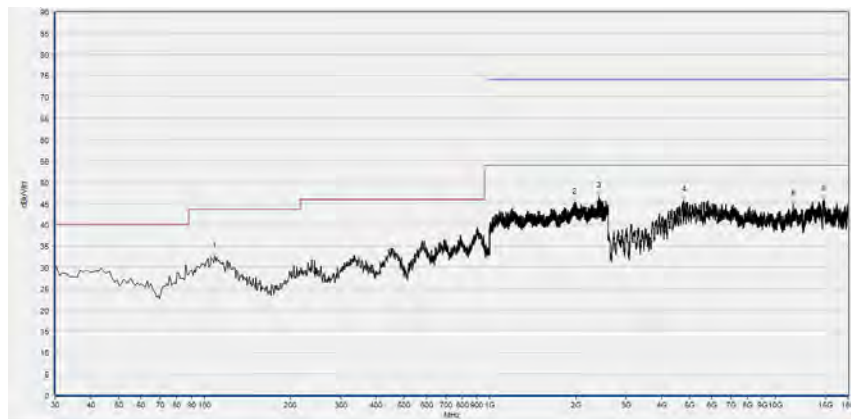


Fre. (MHz)	PK (dBμV/m)	QP (dBμV/m)	AV (dBμV/m)	Limit-PK (dBμV/m)	Limit-QP (dBμV/m)	Limit-AV (dBμV/m)	Antenna	Verdict
110.510	33.50	N/A	N/A	N/A	43.50	N/A	Vertical	PASS
1984.533	45.19	N/A	N/A	74.00	N/A	54.00	Vertical	PASS
2402.133	46.38	N/A	N/A	74.00	N/A	54.00	Vertical	PASS
5033.200	45.70	N/A	N/A	74.00	N/A	54.00	Vertical	PASS
9724.040	44.17	N/A	N/A	74.00	N/A	54.00	Vertical	PASS
14242.400	45.72	N/A	N/A	74.00	N/A	54.00	Vertical	PASS

(Antenna Vertical, 30MHz to 18GHz)

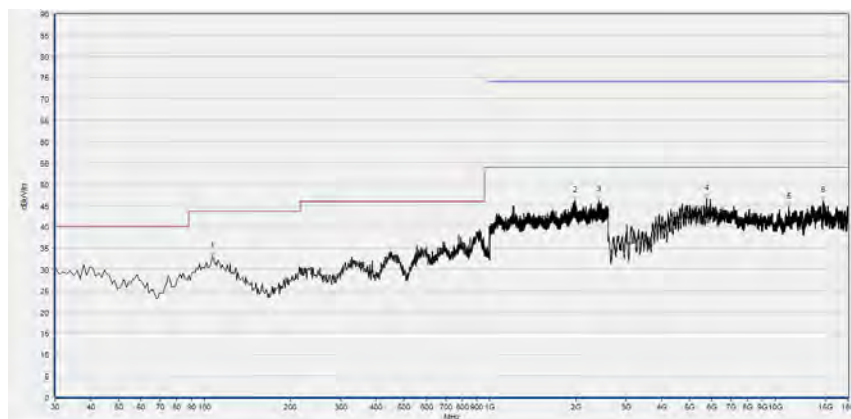


Plot for Channel 39



Fre. (MHz)	PK (dBμV/m)	QP (dBμV/m)	AV (dBμV/m)	Limit-PK (dBμV/m)	Limit-QP (dBμV/m)	Limit-AV (dBμV/m)	Antenna	Verdict
108.570	32.43	N/A	N/A	N/A	43.50	N/A	Horizontal	PASS
1978.133	45.27	N/A	N/A	74.00	N/A	54.00	Horizontal	PASS
2414.933	46.75	N/A	N/A	74.00	N/A	54.00	Horizontal	PASS
4783.720	45.77	N/A	N/A	74.00	N/A	54.00	Horizontal	PASS
11519.680	44.83	N/A	N/A	74.00	N/A	54.00	Horizontal	PASS
14762.920	45.94	N/A	N/A	74.00	N/A	54.00	Horizontal	PASS

(Antenna Horizontal, 30MHz to 18GHz)

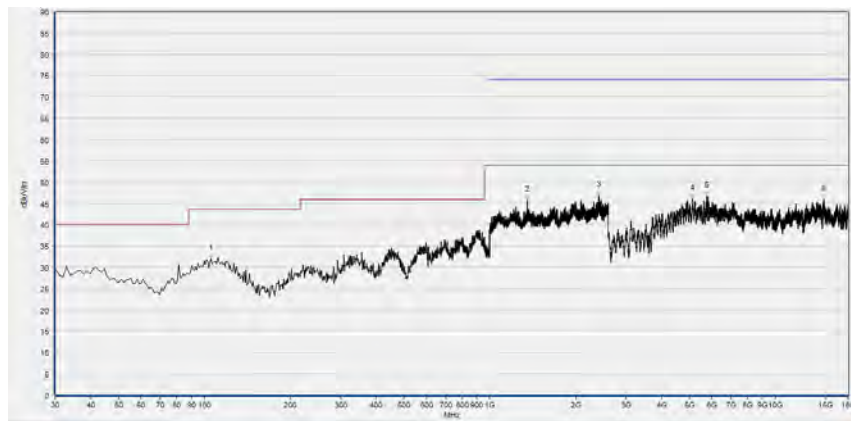


Fre. (MHz)	PK (dBμV/m)	QP (dBμV/m)	AV (dBμV/m)	Limit-PK (dBμV/m)	Limit-QP (dBμV/m)	Limit-AV (dBμV/m)	Antenna	Verdict
106.630	32.96	N/A	N/A	N/A	43.50	N/A	Horizontal	PASS
1995.733	46.16	N/A	N/A	74.00	N/A	54.00	Horizontal	PASS
2413.333	46.32	N/A	N/A	74.00	N/A	54.00	Horizontal	PASS
5744.680	46.57	N/A	N/A	74.00	N/A	54.00	Horizontal	PASS
11168.560	44.60	N/A	N/A	74.00	N/A	54.00	Horizontal	PASS
14747.520	46.01	N/A	N/A	74.00	N/A	54.00	Horizontal	PASS

(Antenna Vertical, 30MHz to 18GHz)

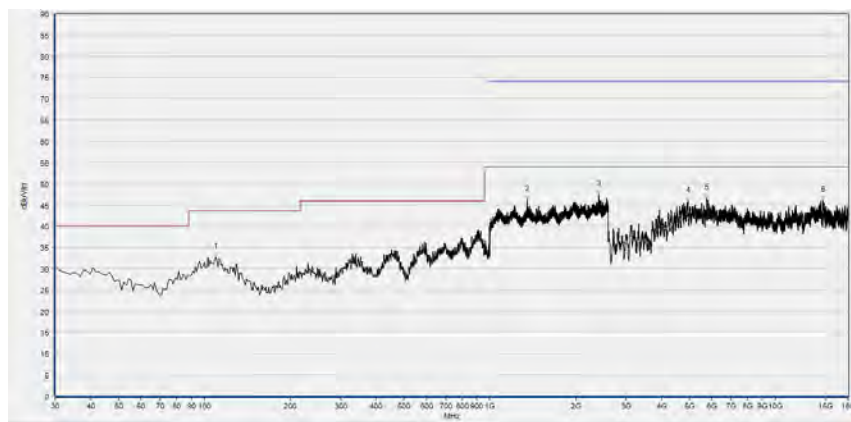


Plot for Channel 78



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	31.97	N/A	N/A	N/A	43.50	N/A	Horizontal	PASS
1349.867	45.74	N/A	N/A	74.00	N/A	54.00	Horizontal	PASS
2405.333	46.93	N/A	N/A	74.00	N/A	54.00	Horizontal	PASS
5131.760	46.09	N/A	N/A	74.00	N/A	54.00	Horizontal	PASS
5753.920	46.68	N/A	N/A	74.00	N/A	54.00	Horizontal	PASS
14796.800	46.00	N/A	N/A	74.00	N/A	54.00	Horizontal	PASS

(Antenna Horizontal, 30MHz to 18GHz)

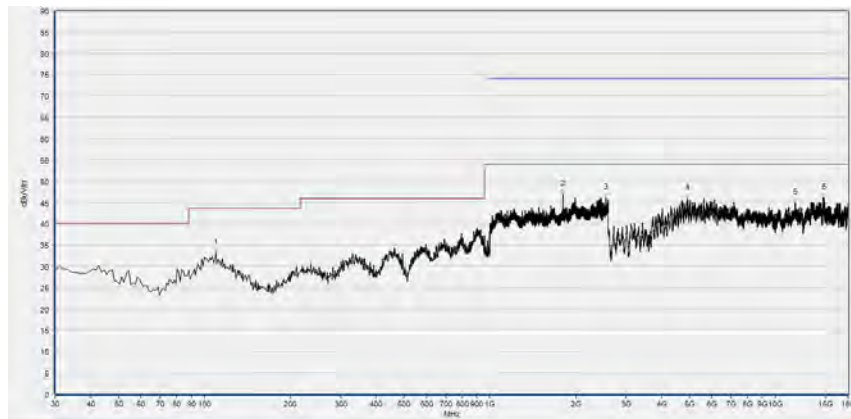


Fre. (MHz)	PK (dBμV/m)	QP (dBμV/m)	AV (dBμV/m)	Limit-PK (dBμV/m)	Limit-QP (dBμV/m)	Limit-AV (dBμV/m)	Antenna	Verdict
109.540	32.67	N/A	N/A	N/A	43.50	N/A	Vertical	PASS
1349.867	46.23	N/A	N/A	74.00	N/A	54.00	Vertical	PASS
2409.067	47.37	N/A	N/A	74.00	N/A	54.00	Vertical	PASS
4937.720	45.91	N/A	N/A	74.00	N/A	54.00	Vertical	PASS
5744.680	46.54	N/A	N/A	74.00	N/A	54.00	Vertical	PASS
14747.520	46.07	N/A	N/A	74.00	N/A	54.00	Vertical	PASS

(Antenna Vertical, 30MHz to 18GHz)

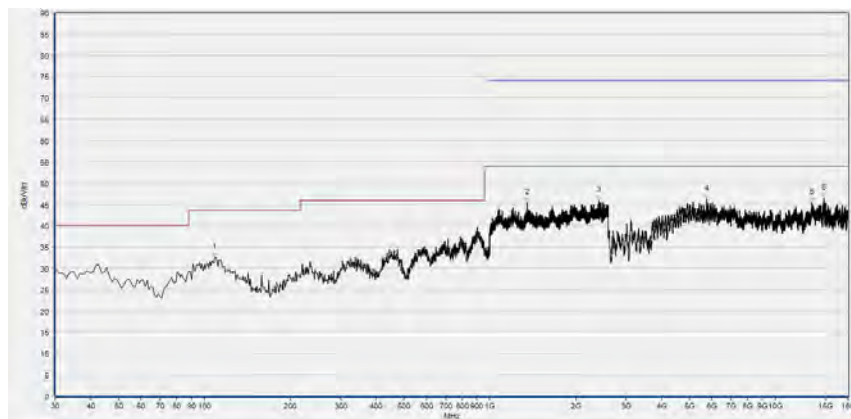
**Right, GFSK Mode**

Plots for Channel 0



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	33.21	N/A	N/A	N/A	43.50	N/A	Horizontal	PASS
1806.400	46.94	N/A	N/A	74.00	N/A	54.00	Horizontal	PASS
2554.667	46.02	N/A	N/A	74.00	N/A	54.00	Horizontal	PASS
4925.400	45.88	N/A	N/A	74.00	N/A	54.00	Horizontal	PASS
11781.480	44.84	N/A	N/A	74.00	N/A	54.00	Horizontal	PASS
14775.240	46.07	N/A	N/A	74.00	N/A	54.00	Horizontal	PASS

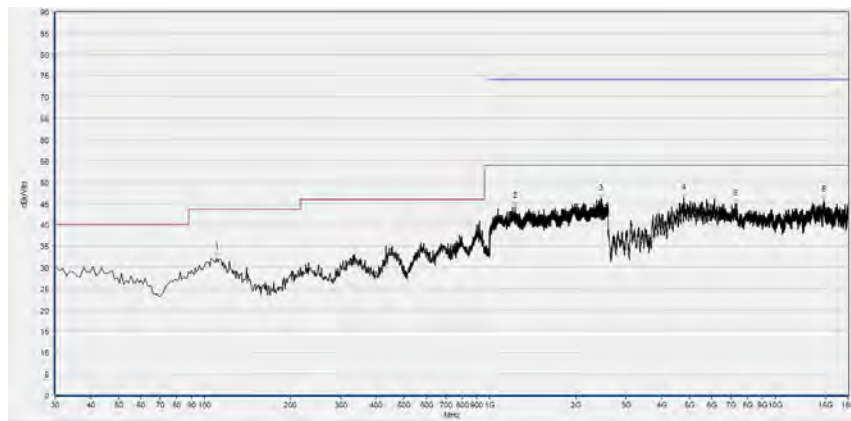
(Antenna Horizontal, 30MHz to 18GHz)



Fre. (MHz)	PK (dBμV/m)	QP (dBμV/m)	AV (dBμV/m)	Limit-PK (dBμV/m)	Limit-QP (dBμV/m)	Limit-AV (dBμV/m)	Antenna	Verdict
108.570	32.59	N/A	N/A	N/A	43.50	N/A	Vertical	PASS
1349.867	45.46	N/A	N/A	74.00	N/A	54.00	Vertical	PASS
2409.067	45.95	N/A	N/A	74.00	N/A	54.00	Vertical	PASS
5750.840	46.25	N/A	N/A	74.00	N/A	54.00	Vertical	PASS
13453.920	45.40	N/A	N/A	74.00	N/A	54.00	Vertical	PASS
14790.640	46.42	N/A	N/A	74.00	N/A	54.00	Vertical	PASS

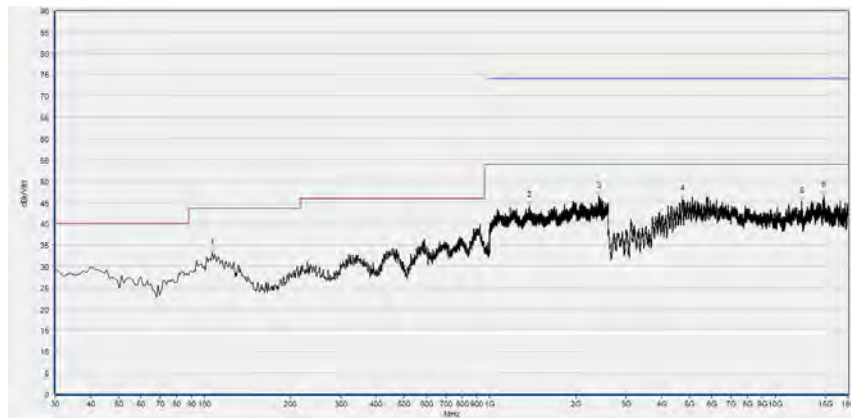
(Antenna Vertical, 30MHz to 18GHz)

Plot for Channel 39



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	32.20	N/A	N/A	N/A	43.50	N/A	Horizontal	PASS
1224.533	44.32	N/A	N/A	74.00	N/A	54.00	Horizontal	PASS
2450.667	46.16	N/A	N/A	74.00	N/A	54.00	Horizontal	PASS
4786.800	46.22	N/A	N/A	74.00	N/A	54.00	Horizontal	PASS
7244.640	44.94	N/A	N/A	74.00	N/A	54.00	Horizontal	PASS
14809.120	45.75	N/A	N/A	74.00	N/A	54.00	Horizontal	PASS

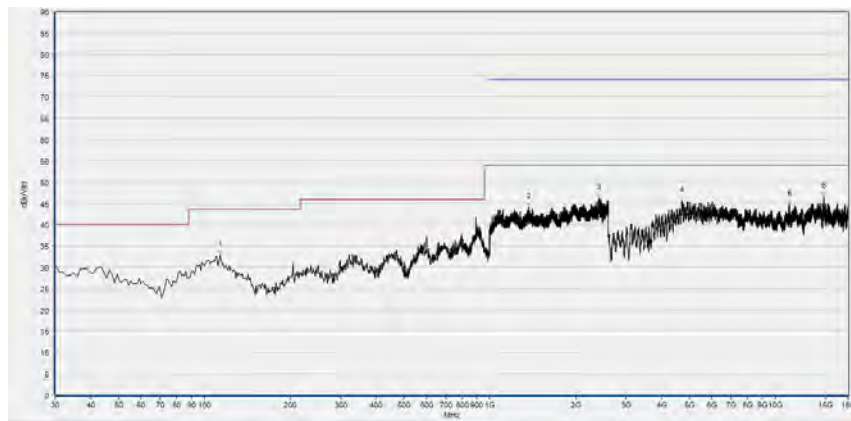
(Antenna Horizontal, 30MHz to 18GHz)



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	33.12	N/A	N/A	N/A	43.50	N/A	Horizontal	PASS
1380.800	44.22	N/A	N/A	74.00	N/A	54.00	Horizontal	PASS
2410.667	46.42	N/A	N/A	74.00	N/A	54.00	Horizontal	PASS
4740.600	45.75	N/A	N/A	74.00	N/A	54.00	Horizontal	PASS
12406.720	45.22	N/A	N/A	74.00	N/A	54.00	Horizontal	PASS
14812.200	46.55	N/A	N/A	74.00	N/A	54.00	Horizontal	PASS

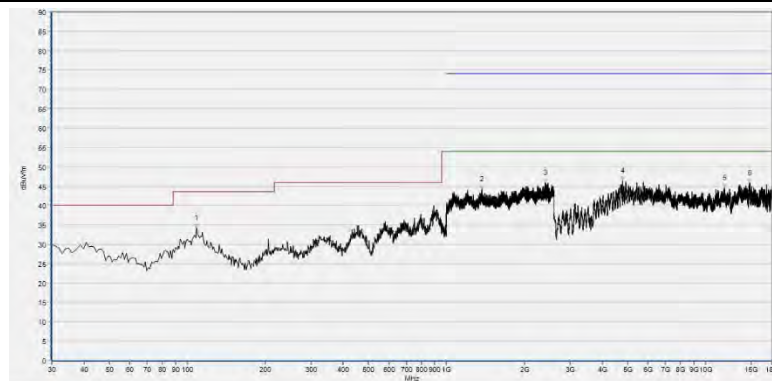
(Antenna Vertical, 30MHz to 18GHz)

Plot for Channel 78



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	32.85	N/A	N/A	N/A	43.50	N/A	Horizontal	PASS
1368.533	44.01	N/A	N/A	74.00	N/A	54.00	Horizontal	PASS
2409.067	46.25	N/A	N/A	74.00	N/A	54.00	Horizontal	PASS
4712.880	45.53	N/A	N/A	74.00	N/A	54.00	Horizontal	PASS
11208.600	44.81	N/A	N/A	74.00	N/A	54.00	Horizontal	PASS
14772.160	46.63	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	34.15	N/A	N/A	N/A	43.50	N/A	Vertical	PASS
1370.133	44.24	N/A	N/A	74.00	N/A	54.00	Vertical	PASS
2415.467	45.95	N/A	N/A	74.00	N/A	54.00	Vertical	PASS
4783.720	46.48	N/A	N/A	74.00	N/A	54.00	Vertical	PASS
11787.640	44.57	N/A	N/A	74.00	N/A	54.00	Vertical	PASS
14793.720	45.67	N/A	N/A	74.00	N/A	54.00	Vertical	PASS

(Antenna Vertical, 30MHz to 18GHz)

END OF REPORT