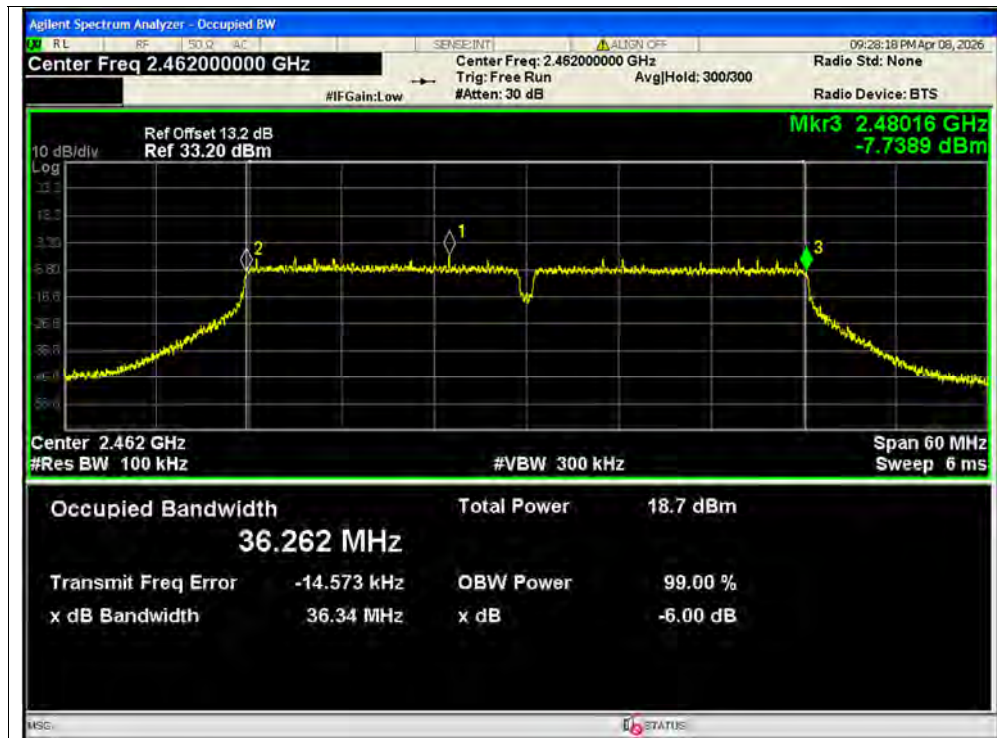




-6dB Bandwidth NVNT n40 2462MHz Ant1 MIMO



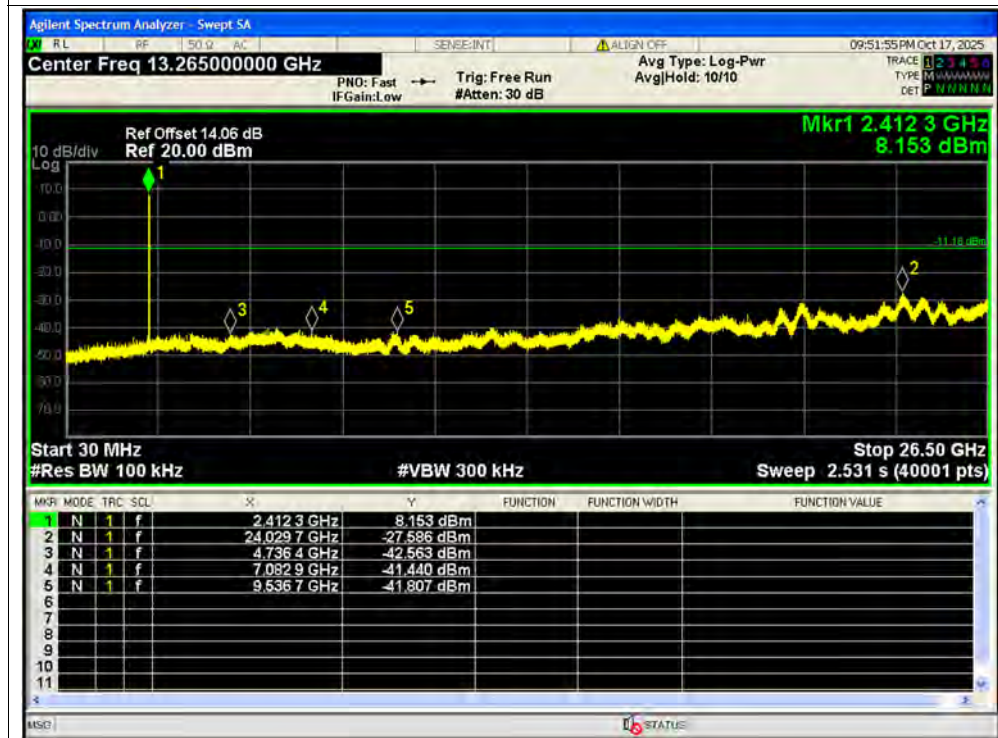
-6dB Bandwidth NVNT n40 2462MHz Ant2 MIMO

**A.5. Conducted Spurious Emissions**

Condition	Mode	Frequency (MHz)	Antenna	Max Value (dBc)	Limit (dBc)	Verdict
NVNT	b SISO	2412	Ant1	-36.4	-20	Pass
NVNT	b SISO	2442	Ant1	-34.68	-20	Pass
NVNT	b SISO	2472	Ant1	-35.71	-20	Pass
NVNT	b SISO	2412	Ant2	-34.96	-20	Pass
NVNT	b SISO	2442	Ant2	-34.7	-20	Pass
NVNT	b SISO	2472	Ant2	-34.76	-20	Pass
NVNT	g SISO	2412	Ant1	-31.72	-20	Pass
NVNT	g SISO	2442	Ant1	-32.03	-20	Pass
NVNT	g SISO	2472	Ant1	-31.91	-20	Pass
NVNT	g SISO	2412	Ant2	-32.45	-20	Pass
NVNT	g SISO	2442	Ant2	-32.87	-20	Pass
NVNT	g SISO	2472	Ant2	-32.41	-20	Pass
NVNT	n20 SISO	2412	Ant1	-31.28	-20	Pass
NVNT	n20 SISO	2442	Ant1	-31.74	-20	Pass
NVNT	n20 SISO	2472	Ant1	-32.24	-20	Pass
NVNT	n20 SISO	2412	Ant2	-31.97	-20	Pass
NVNT	n20 SISO	2442	Ant2	-31.49	-20	Pass
NVNT	n20 SISO	2472	Ant2	-32.86	-20	Pass
NVNT	n40 SISO	2422	Ant1	-28.12	-20	Pass
NVNT	n40 SISO	2442	Ant1	-29.75	-20	Pass
NVNT	n40 SISO	2462	Ant1	-28.93	-20	Pass
NVNT	n40 SISO	2422	Ant2	-30.13	-20	Pass
NVNT	n40 SISO	2442	Ant2	-30.34	-20	Pass
NVNT	n40 SISO	2462	Ant2	-30.13	-20	Pass



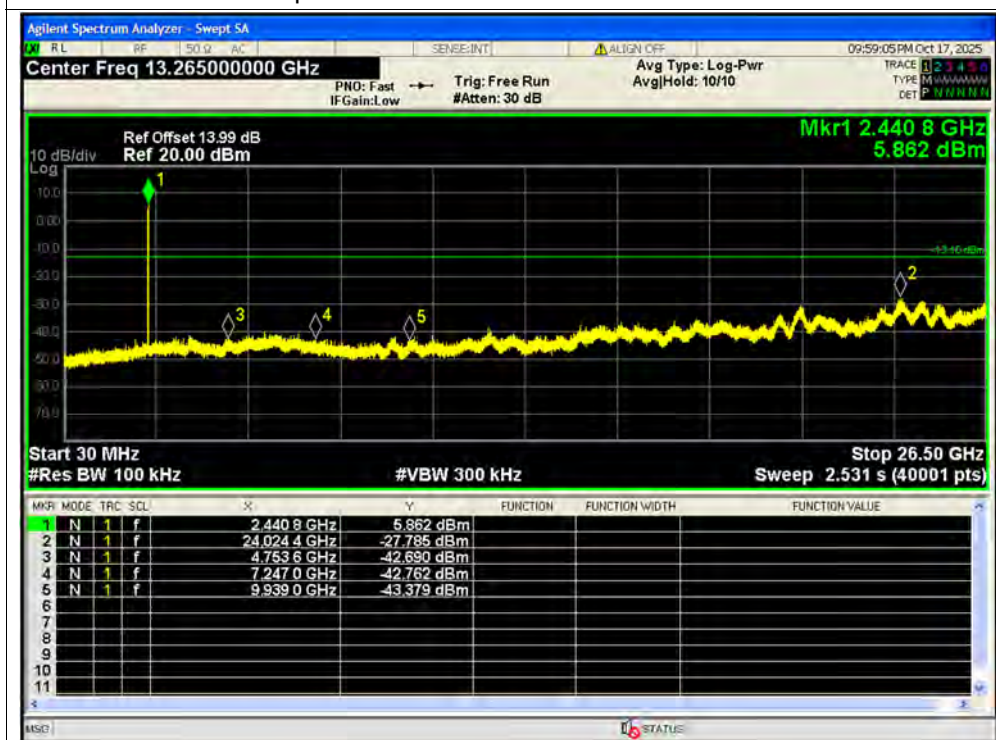
Tx. Spurious NVNT b 2412MHz Ant1 Ref SISO



Tx. Spurious NVNT b 2412MHz Ant1 Emission SISO



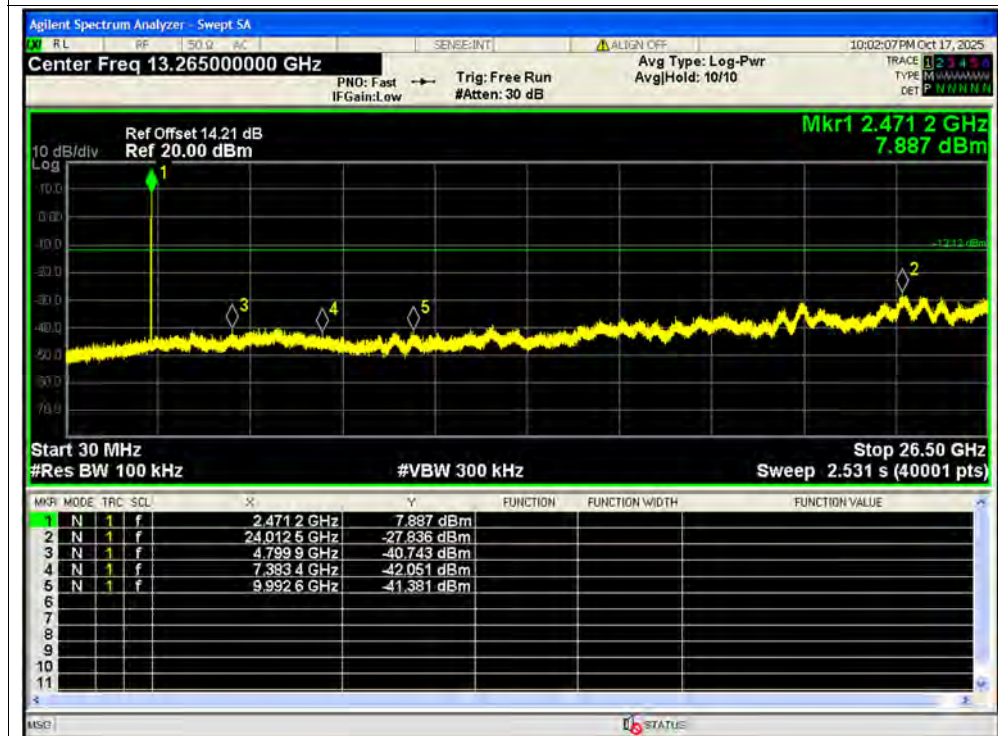
Tx. Spurious NVNT b 2442MHz Ant1 Ref SISO



Tx. Spurious NVNT b 2442MHz Ant1 Emission SISO



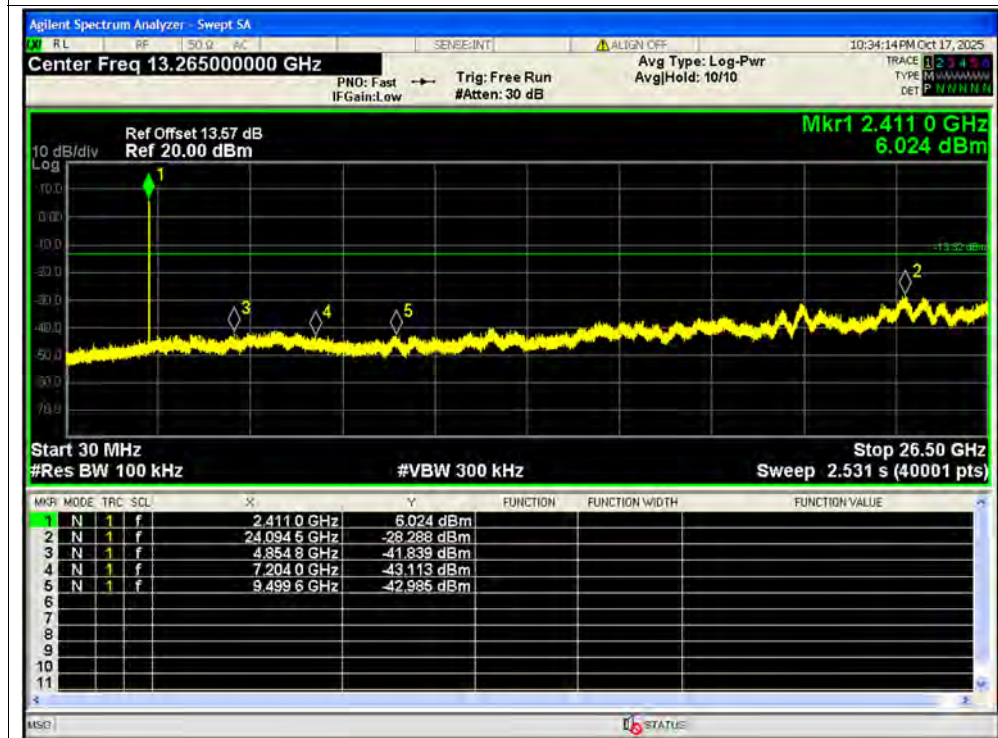
Tx. Spurious NVNT b 2472MHz Ant1 Ref SISO



Tx. Spurious NVNT b 2472MHz Ant1 Emission SISO



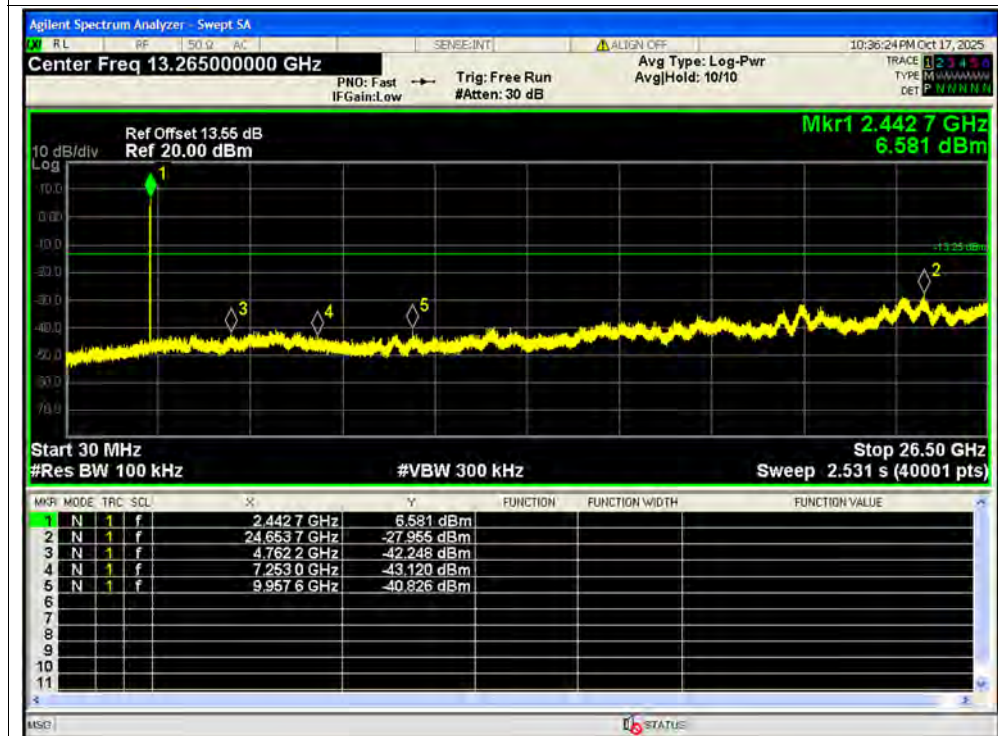
Tx. Spurious NVNT b 2412MHz Ant2 Ref SISO



Tx. Spurious NVNT b 2412MHz Ant2 Emission SISO



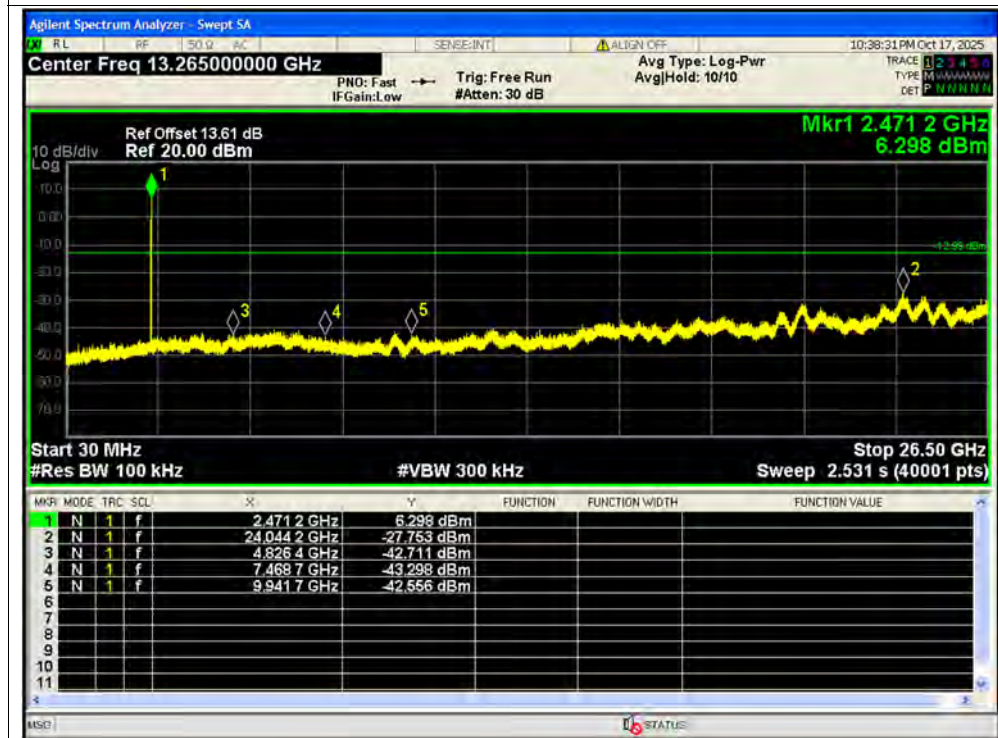
Tx. Spurious NVNT b 2442MHz Ant2 Ref SISO



Tx. Spurious NVNT b 2442MHz Ant2 Emission SISO



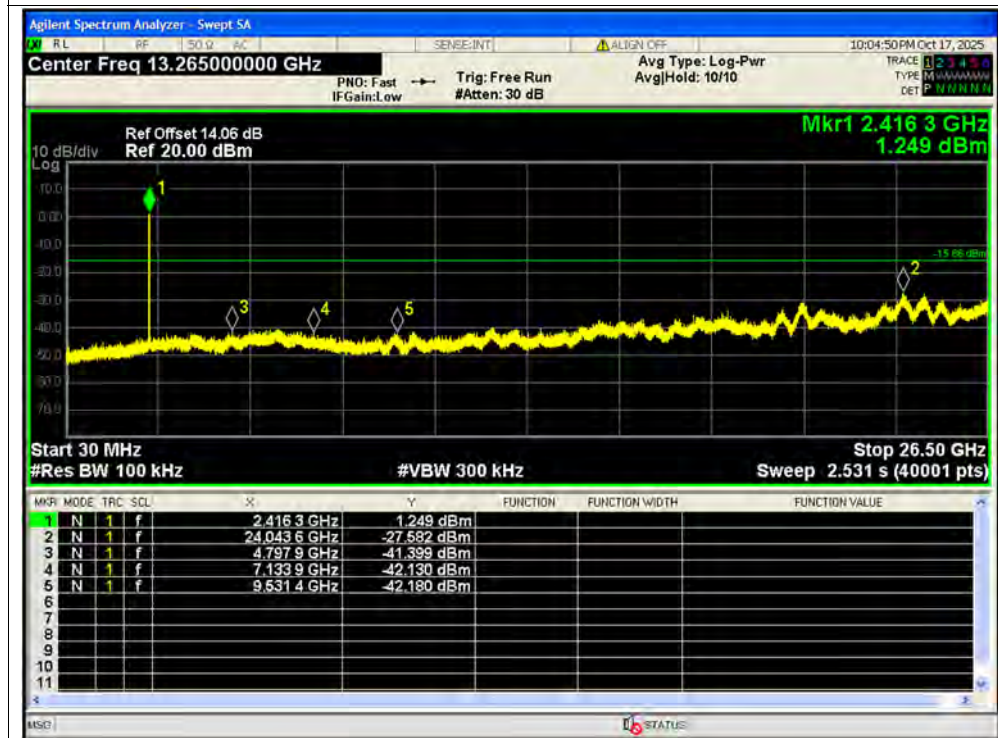
Tx. Spurious NVNT b 2472MHz Ant2 Ref SISO



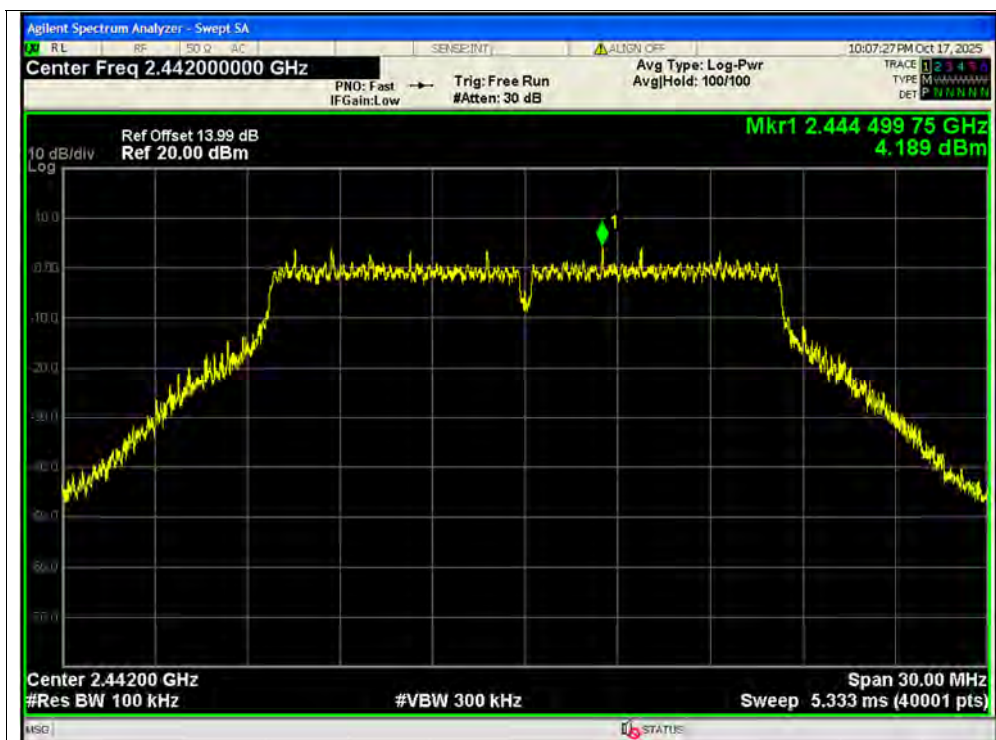
Tx. Spurious NVNT b 2472MHz Ant2 Emission SISO



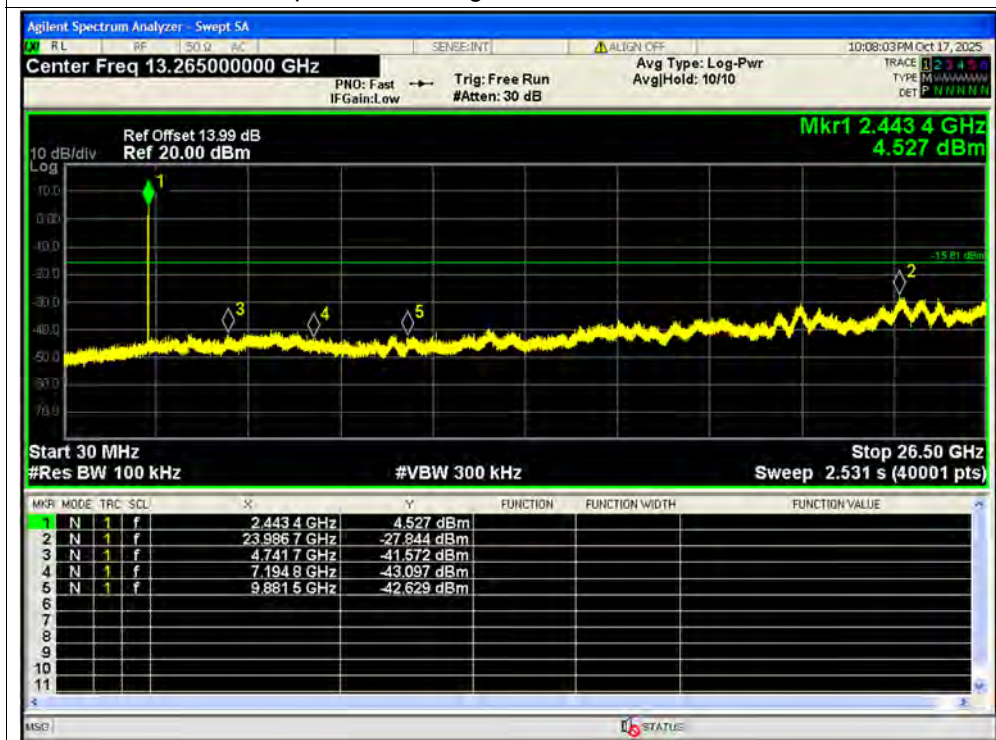
Tx. Spurious NVNT g 2412MHz Ant1 Ref SISO



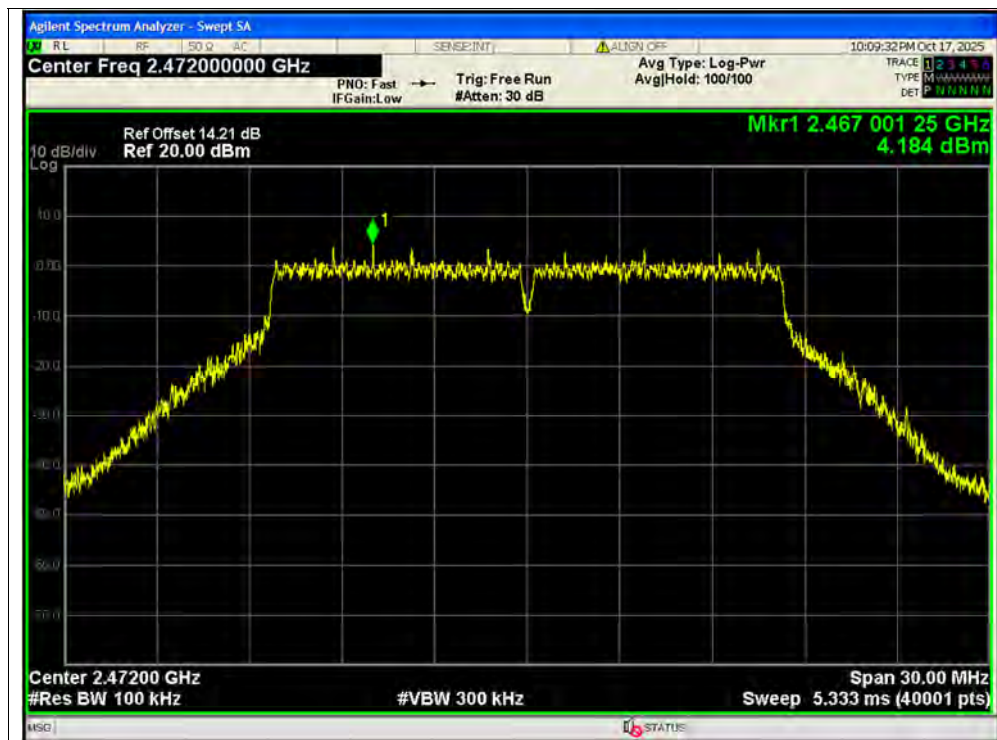
Tx. Spurious NVNT g 2412MHz Ant1 Emission SISO



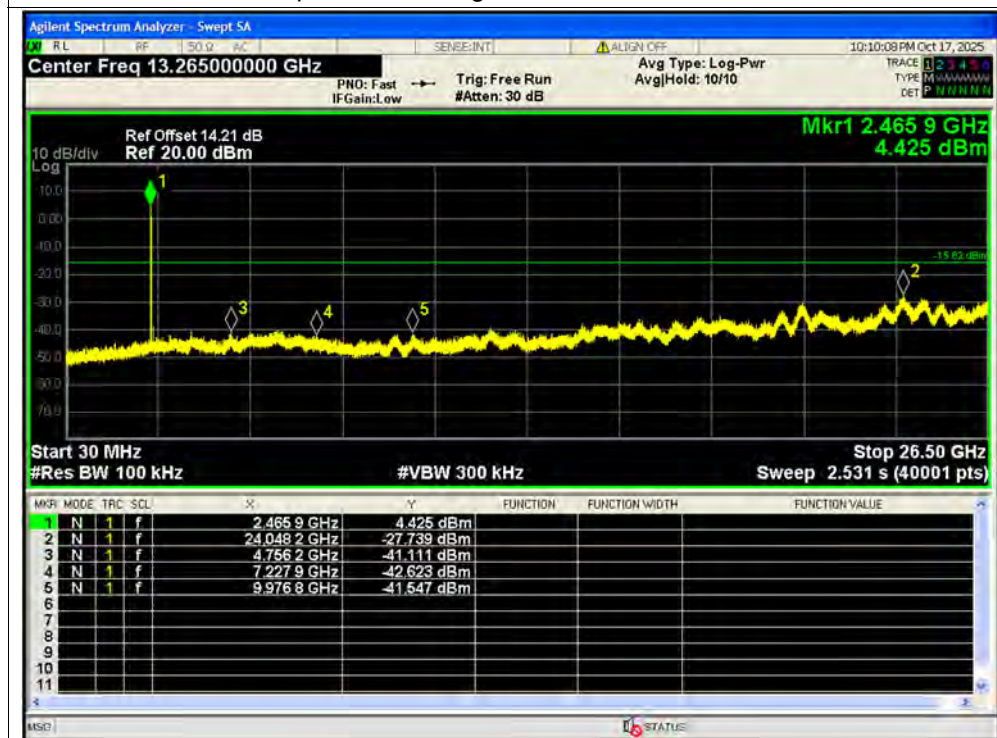
Tx. Spurious NVNT g 2442MHz Ant1 Ref SISO



Tx. Spurious NVNT g 2442MHz Ant1 Emission SISO



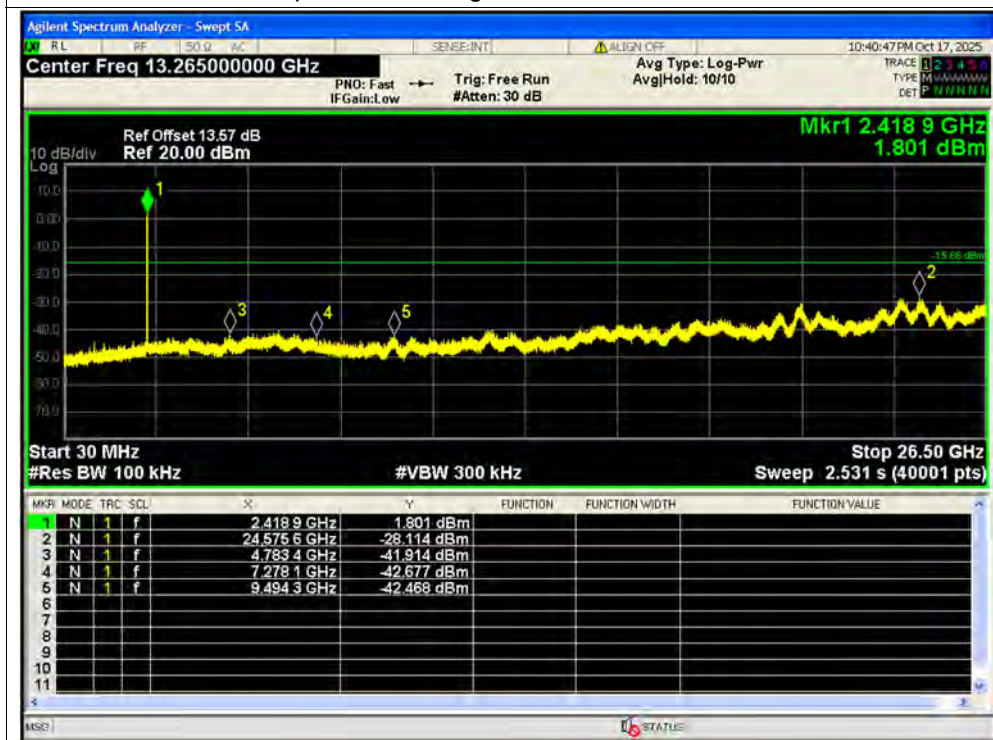
Tx. Spurious NVNT g 2472MHz Ant1 Ref SISO



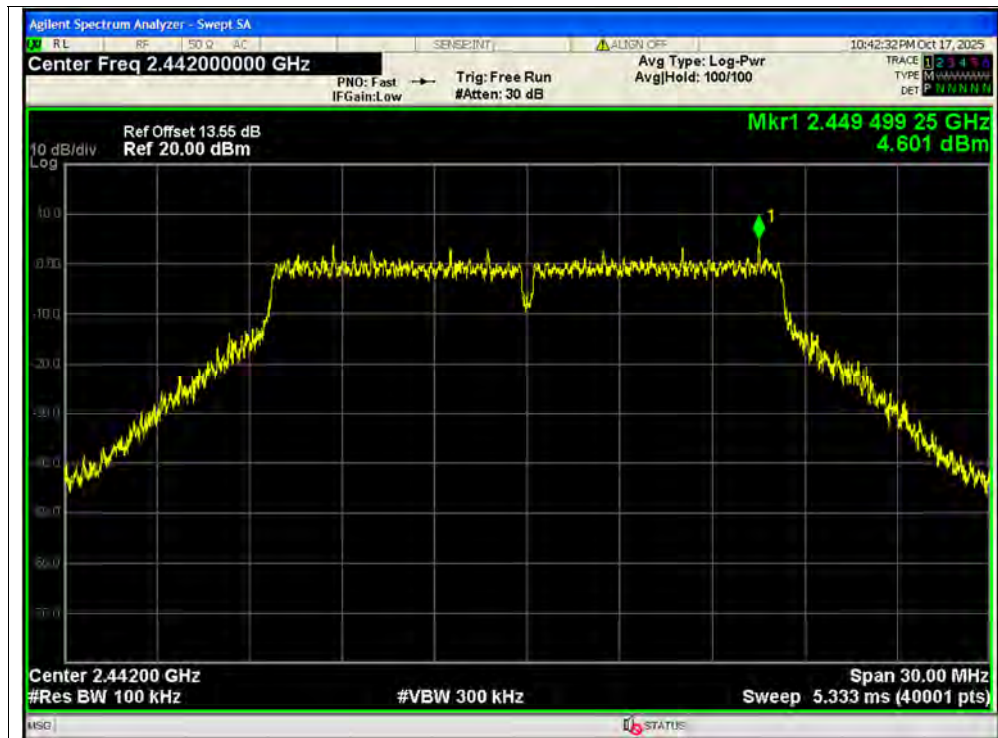
Tx. Spurious NVNT g 2472MHz Ant1 Emission SISO



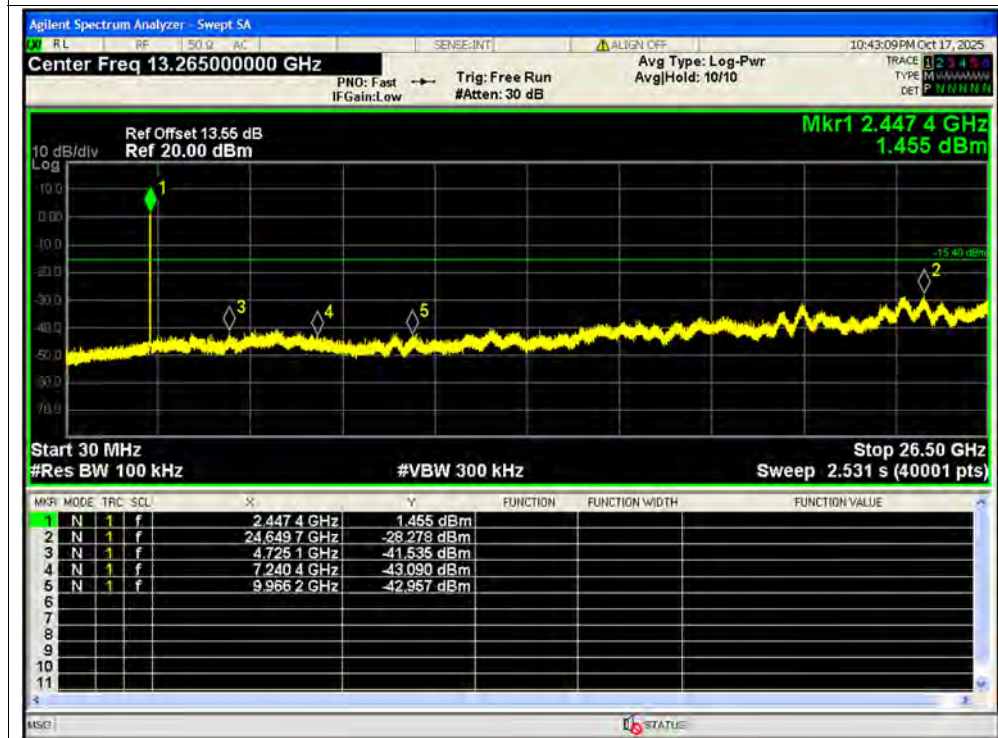
Tx. Spurious NVNT g 2412MHz Ant2 Ref SISO



Tx. Spurious NVNT g 2412MHz Ant2 Emission SISO



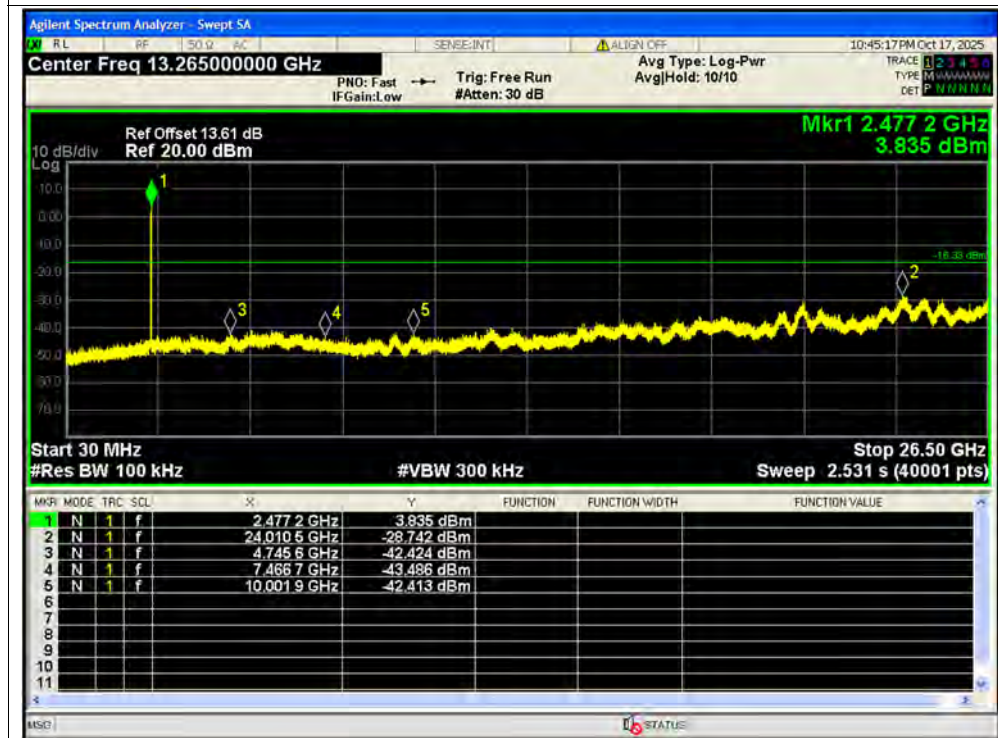
Tx. Spurious NVNT g 2442MHz Ant2 Ref SISO



Tx. Spurious NVNT g 2442MHz Ant2 Emission SISO



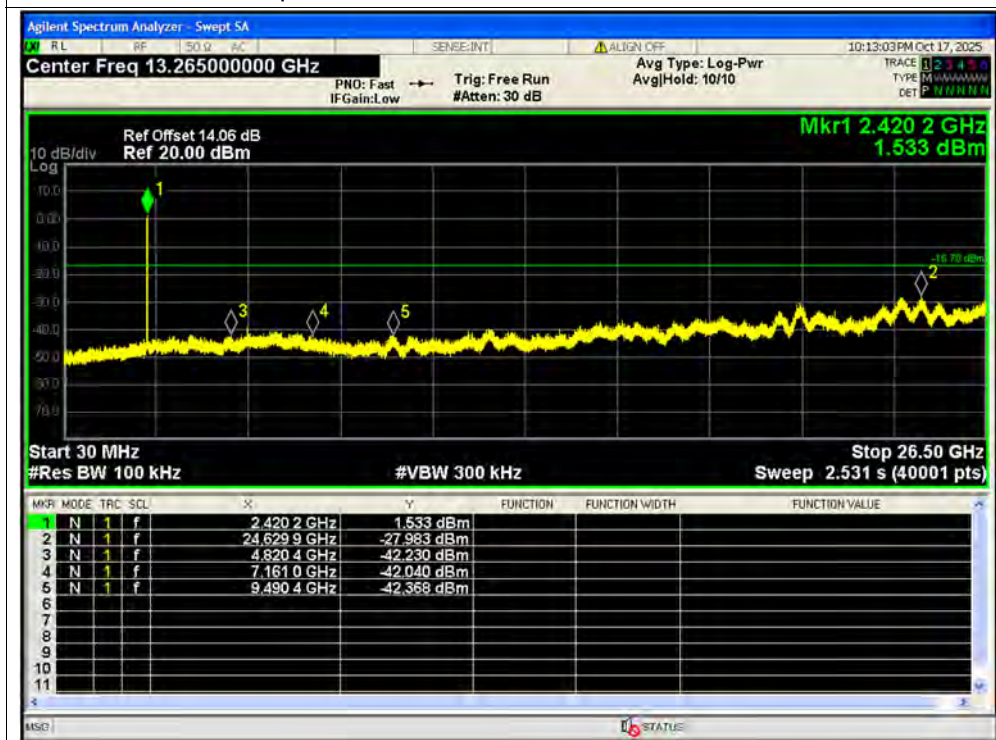
Tx. Spurious NVNT g 2472MHz Ant2 Ref SISO



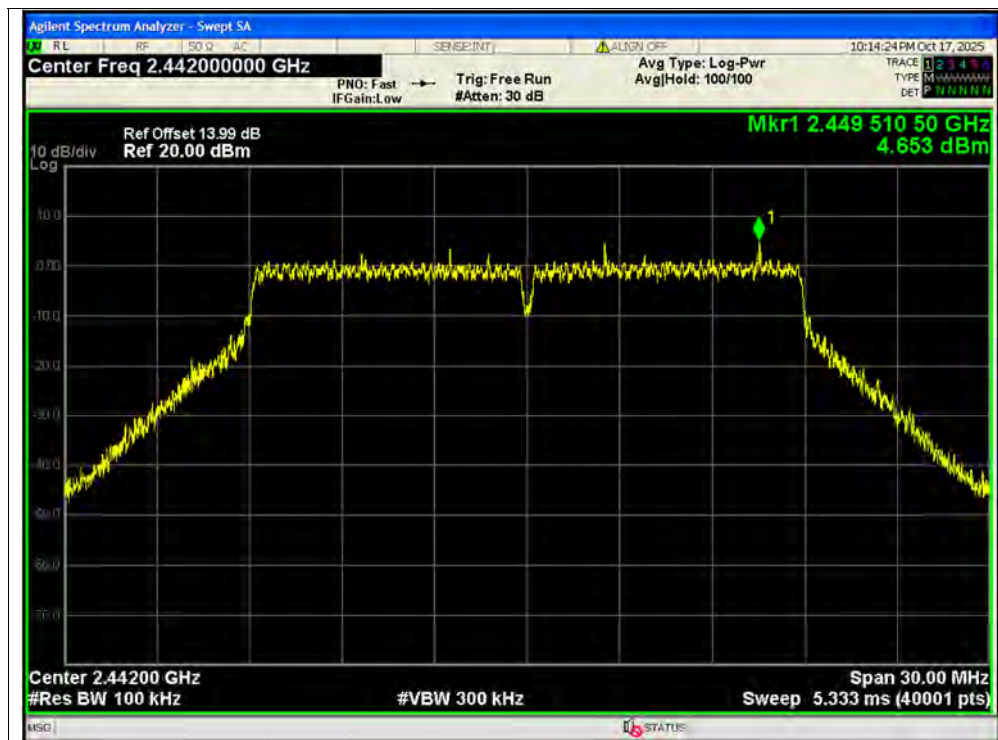
Tx. Spurious NVNT g 2472MHz Ant2 Emission SISO



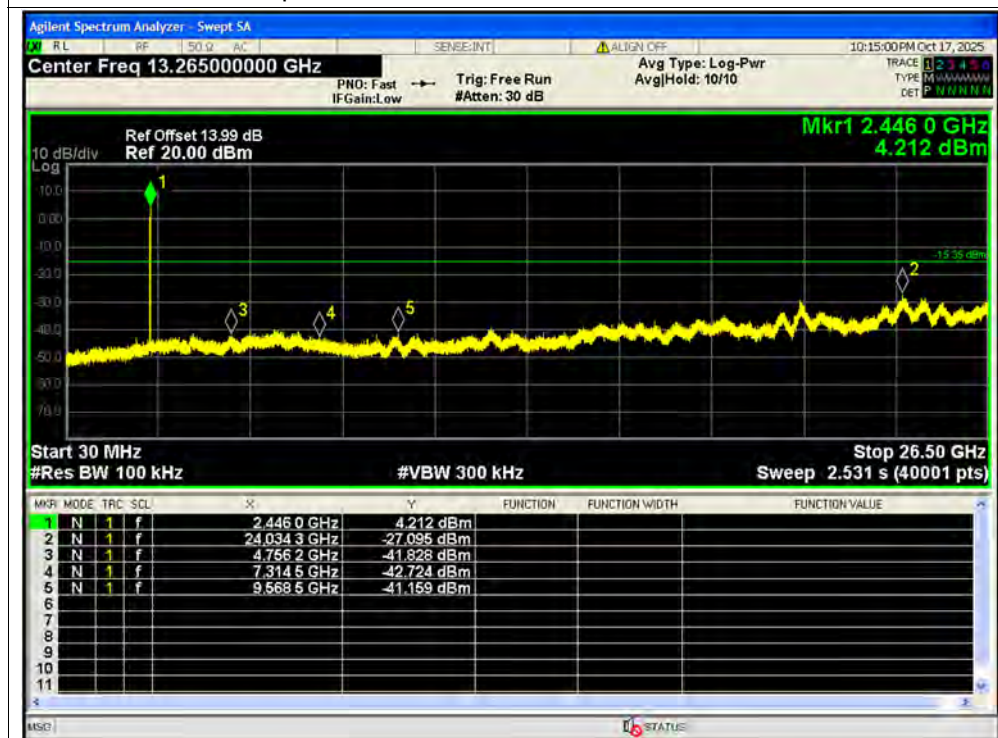
Tx. Spurious NVNT n20 2412MHz Ant1 Ref SISO



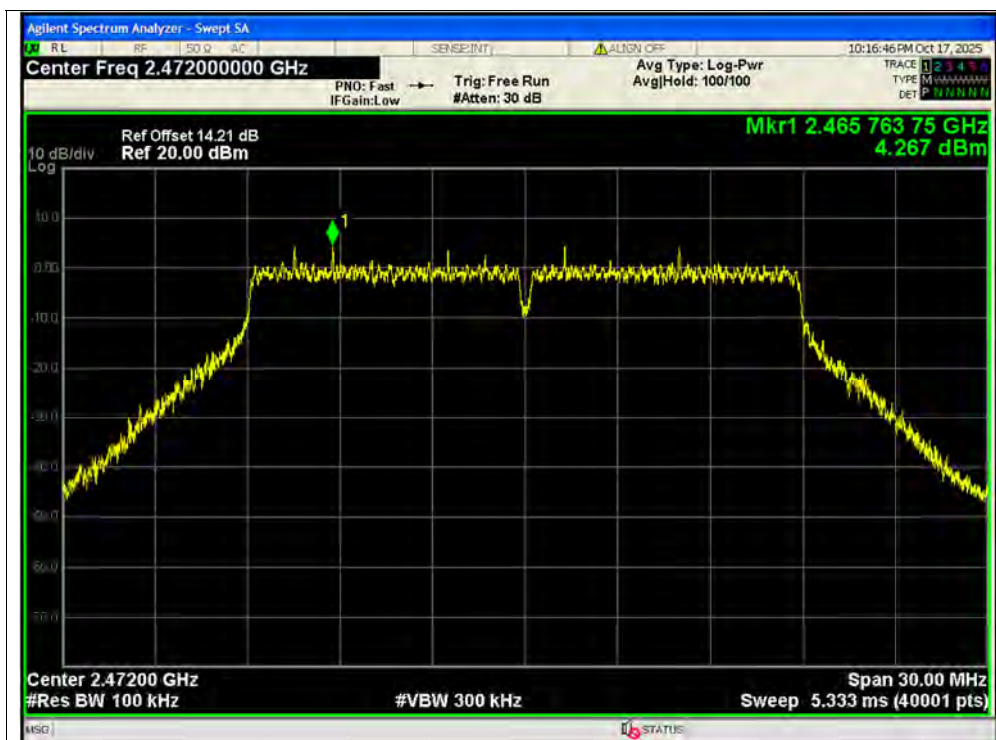
Tx. Spurious NVNT n20 2412MHz Ant1 Emission SISO



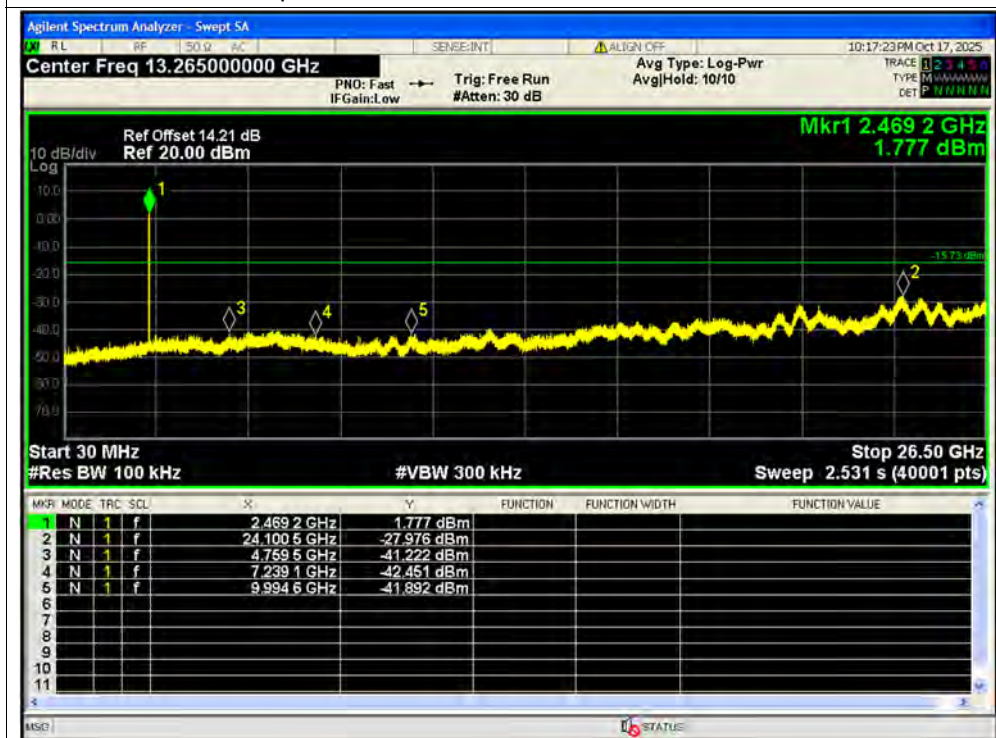
Tx. Spurious NVNT n20 2442MHz Ant1 Ref SISO



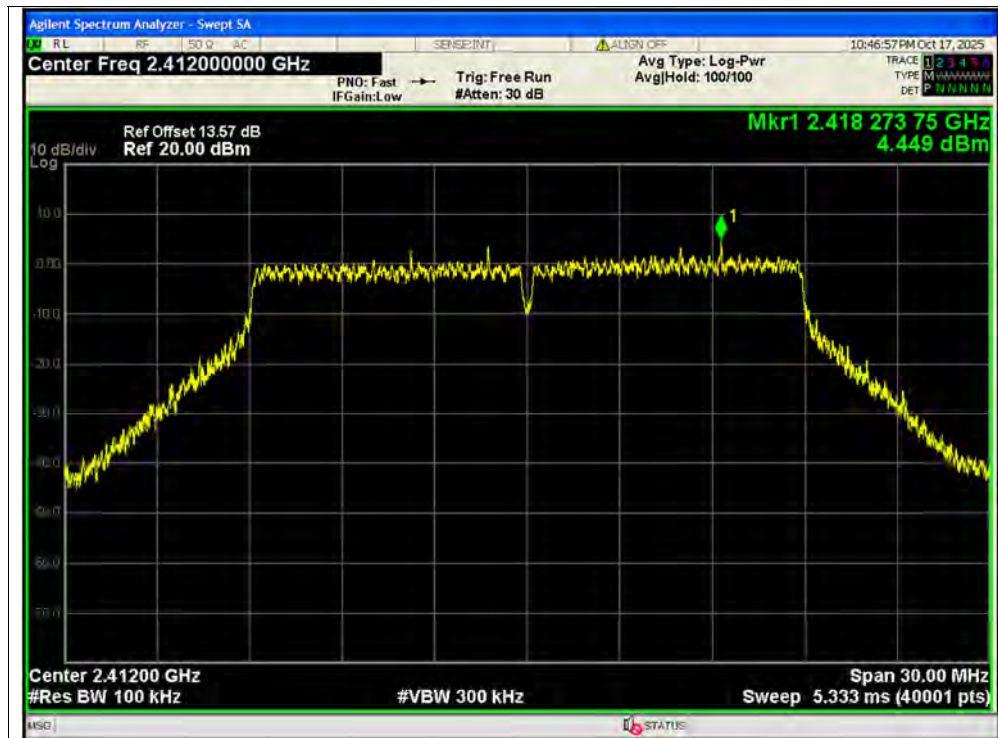
Tx. Spurious NVNT n20 2442MHz Ant1 Emission SISO



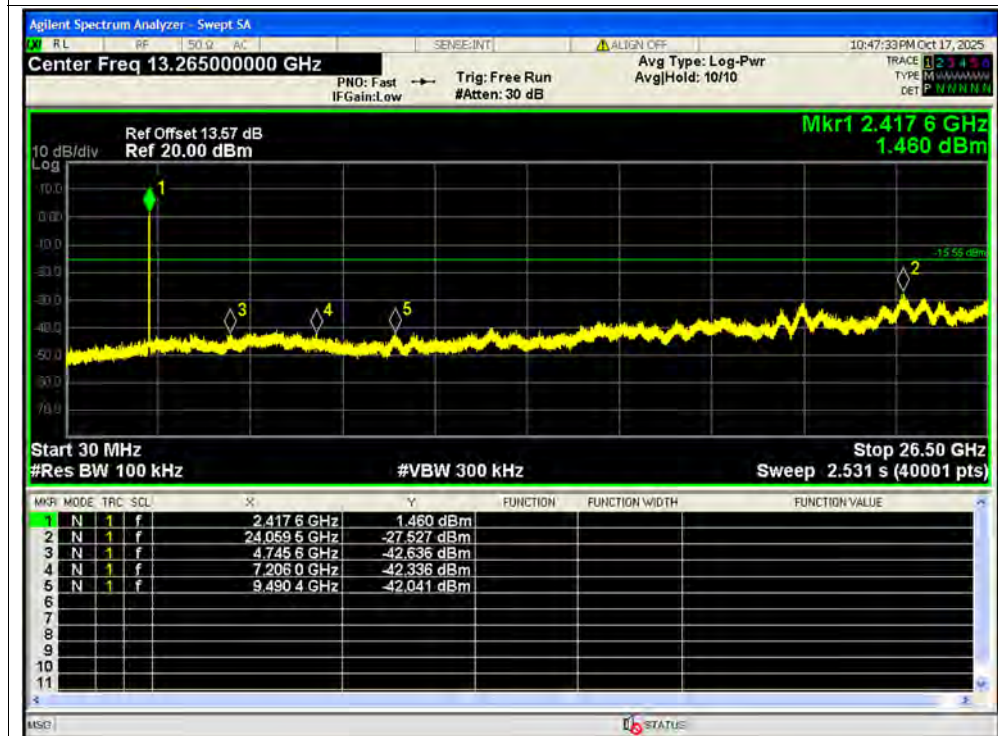
Tx. Spurious NVNT n20 2472MHz Ant1 Ref SISO



Tx. Spurious NVNT n20 2472MHz Ant1 Emission SISO



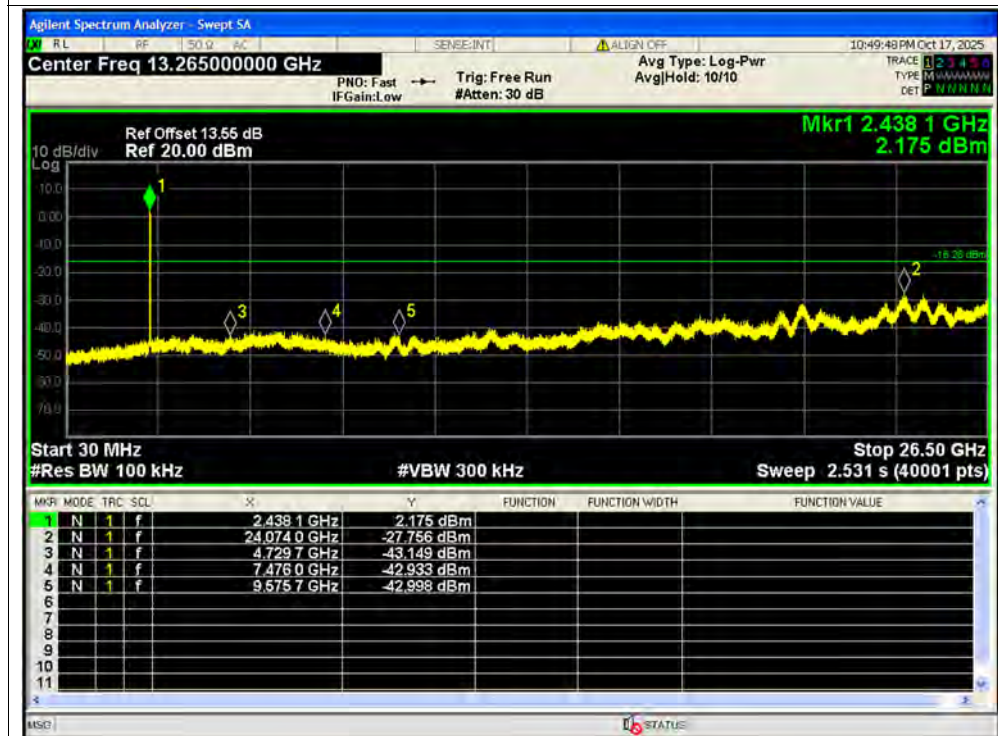
Tx. Spurious NVNT n20 2412MHz Ant2 Ref SISO



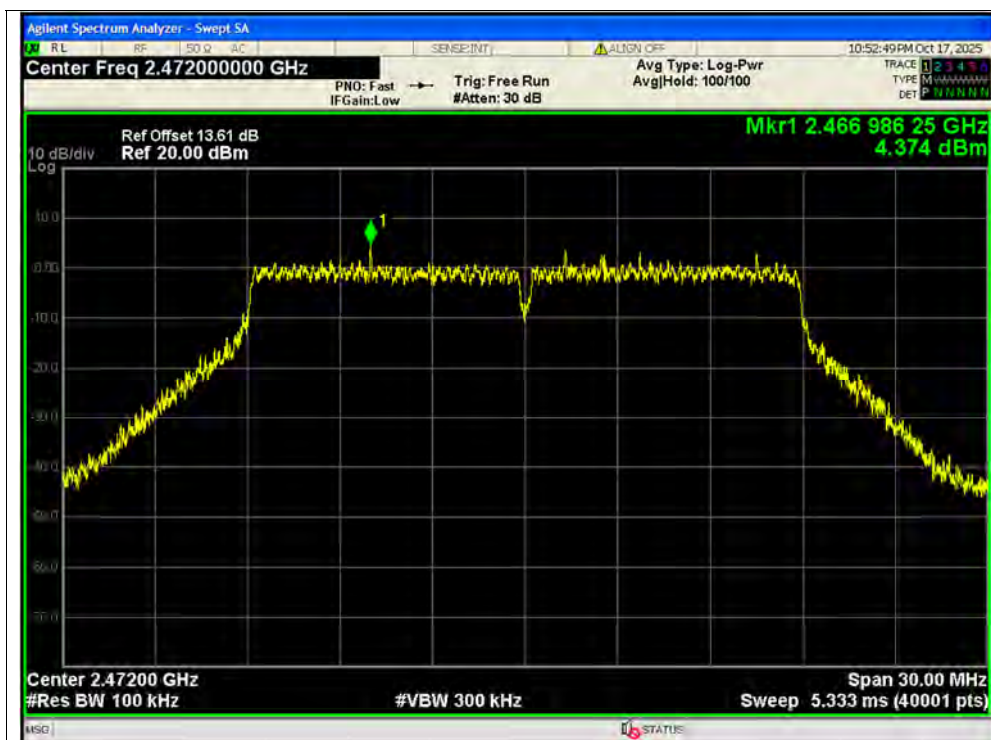
Tx. Spurious NVNT n20 2412MHz Ant2 Emission SISO



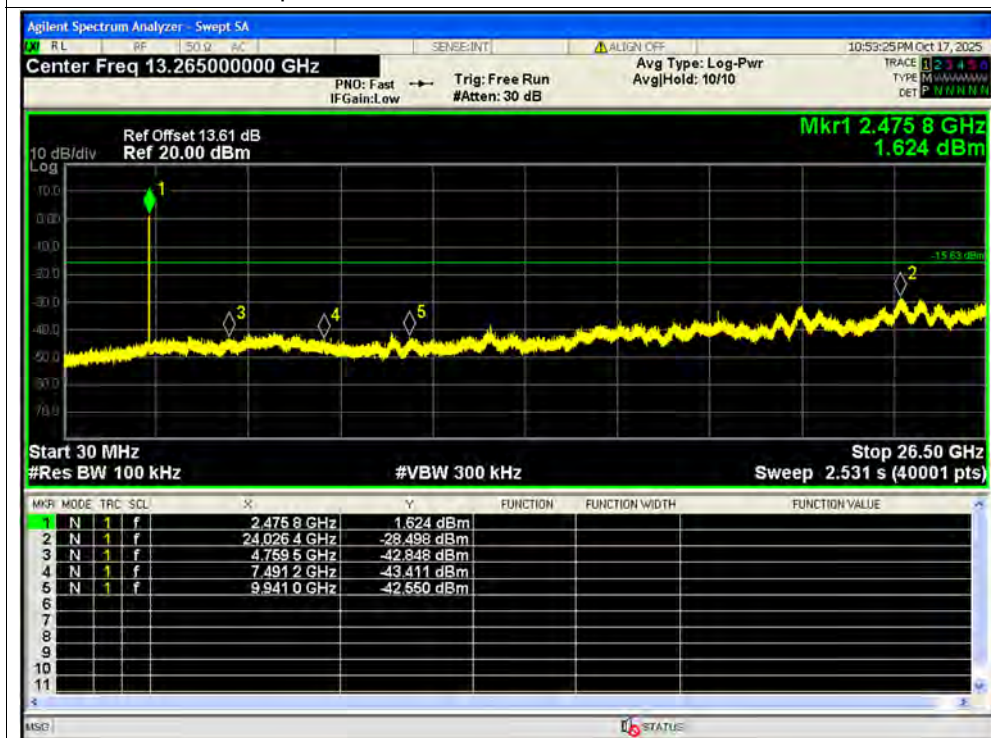
Tx. Spurious NVNT n20 2442MHz Ant2 Ref SISO



Tx. Spurious NVNT n20 2442MHz Ant2 Emission SISO



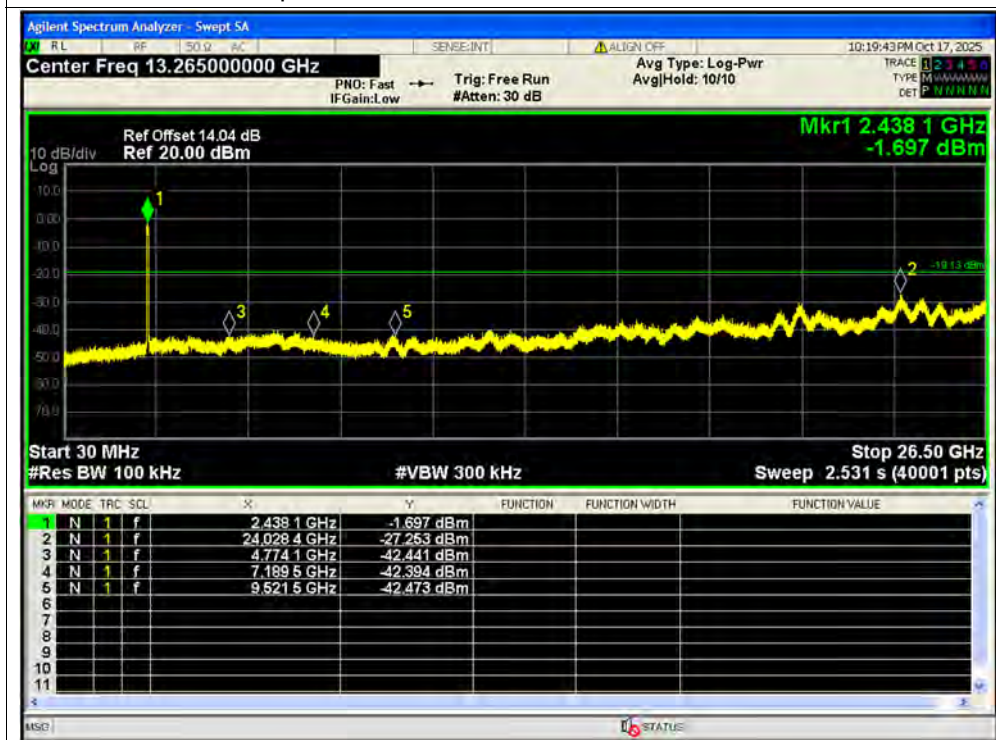
Tx. Spurious NVNT n20 2472MHz Ant2 Ref SISO



Tx. Spurious NVNT n20 2472MHz Ant2 Emission SISO



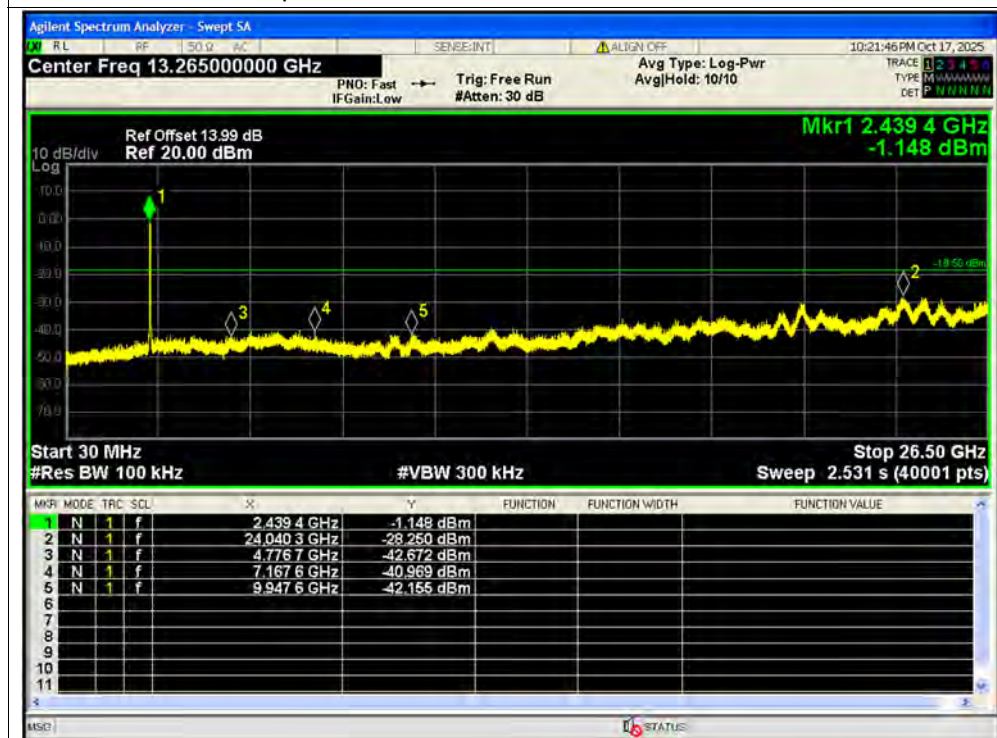
Tx. Spurious NVNT n40 2422MHz Ant1 Ref SISO



Tx. Spurious NVNT n40 2422MHz Ant1 Emission SISO



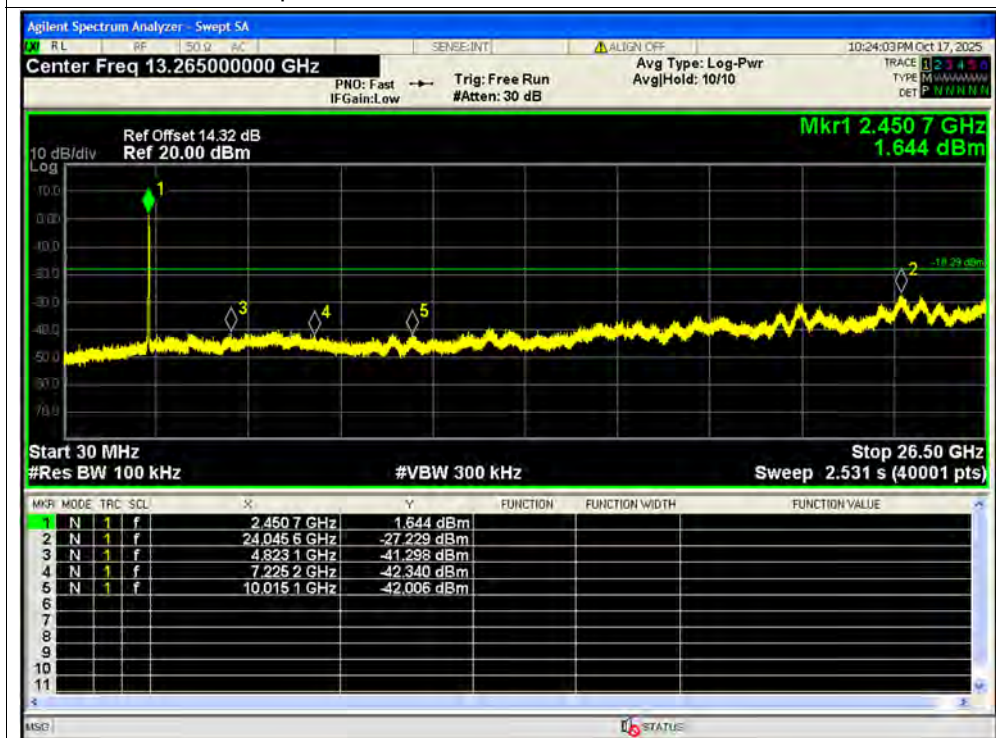
Tx. Spurious NVNT n40 2442MHz Ant1 Ref SISO



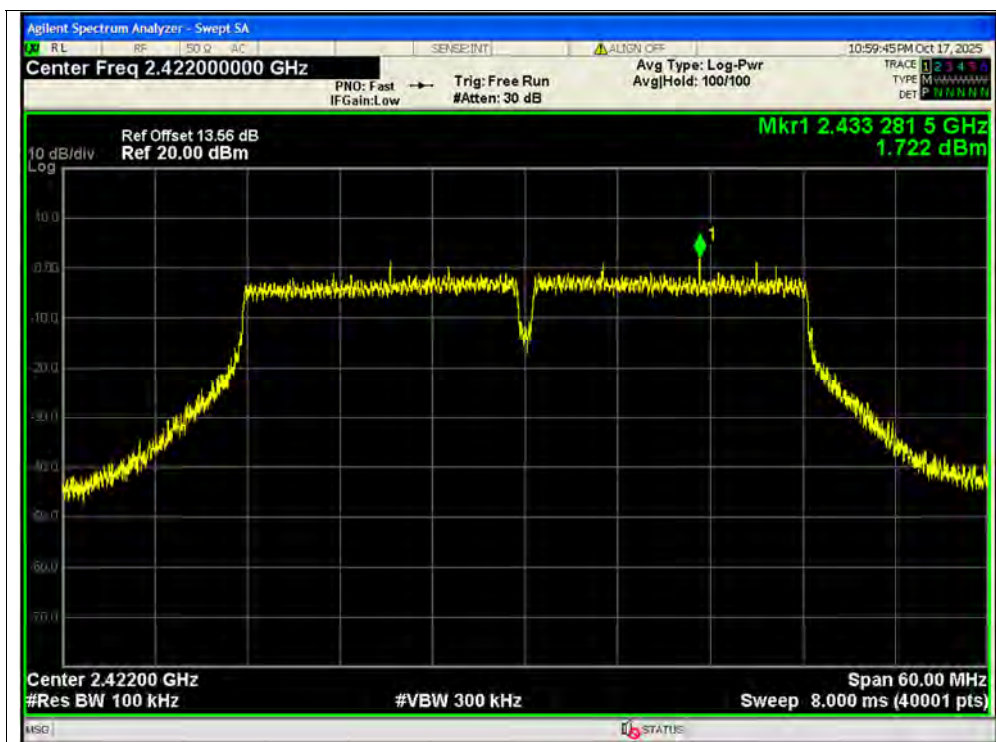
Tx. Spurious NVNT n40 2442MHz Ant1 Emission SISO



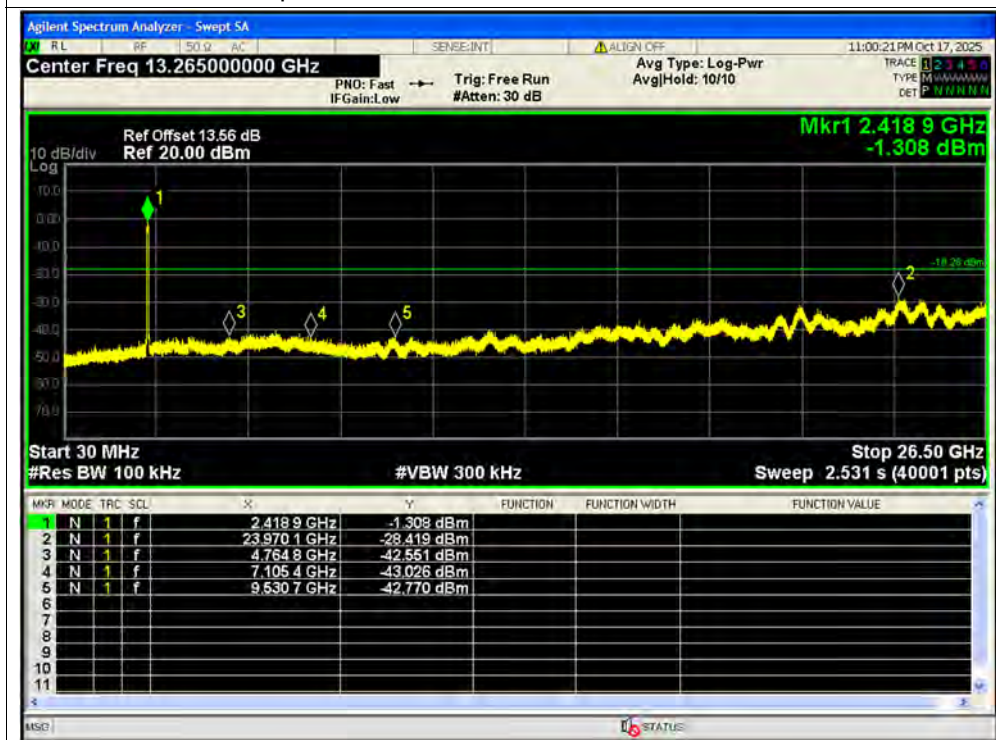
Tx. Spurious NVNT n40 2462MHz Ant1 Ref SISO



Tx. Spurious NVNT n40 2462MHz Ant1 Emission SISO



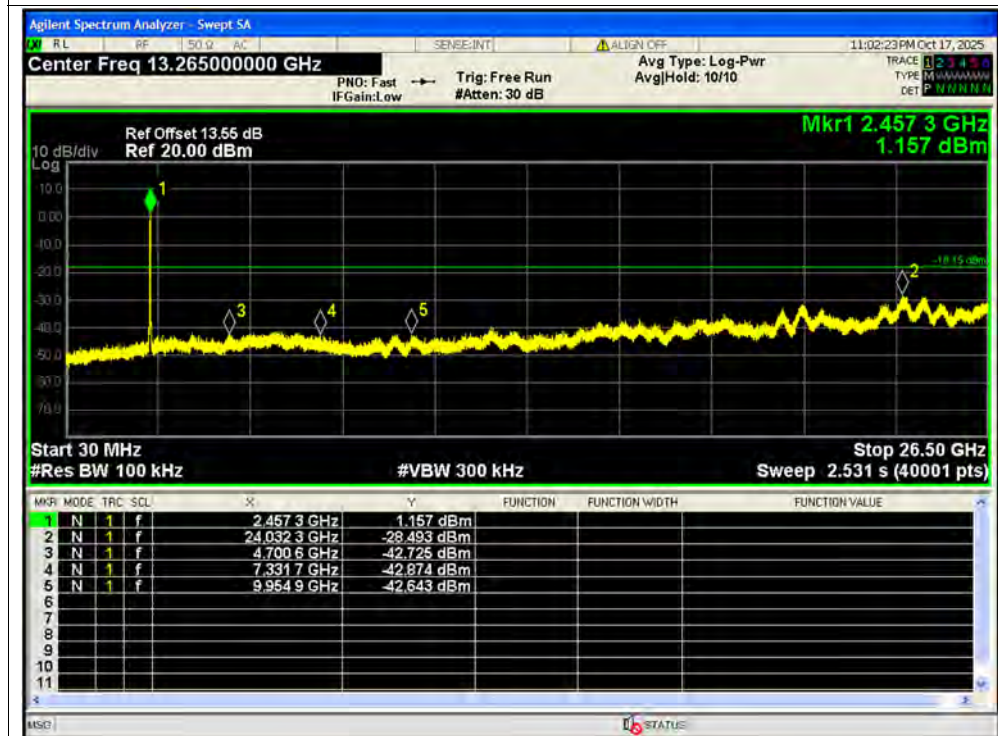
Tx. Spurious NVNT n40 2422MHz Ant2 Ref SISO



Tx. Spurious NVNT n40 2422MHz Ant2 Emission SISO



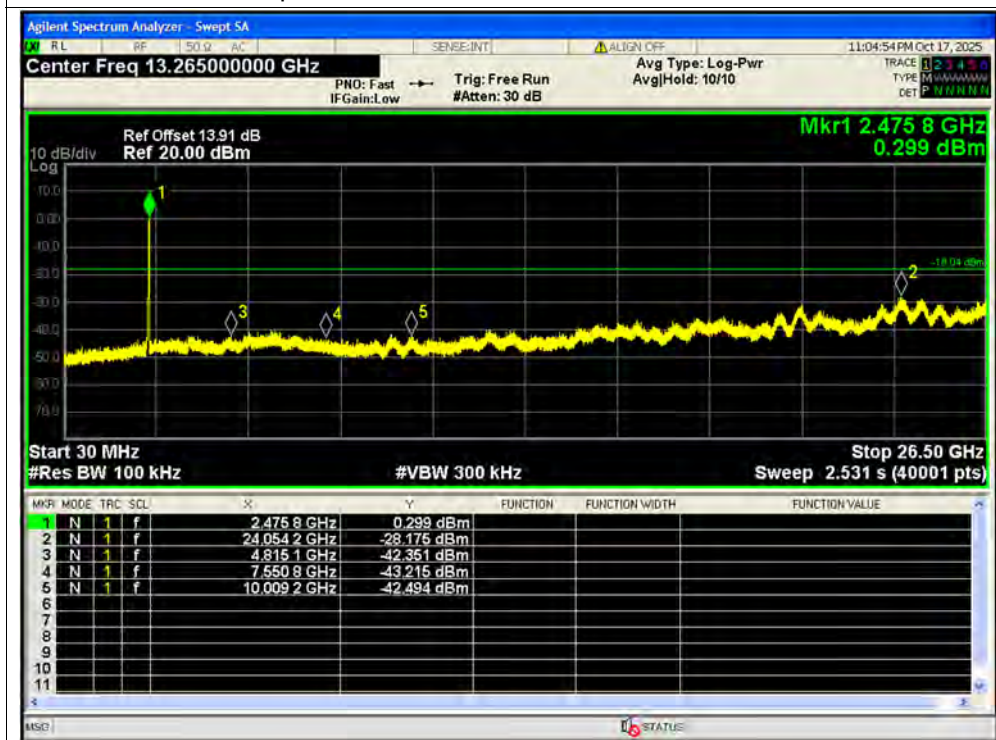
Tx. Spurious NVNT n40 2442MHz Ant2 Ref SISO



Tx. Spurious NVNT n40 2442MHz Ant2 Emission SISO



Tx. Spurious NVNT n40 2462MHz Ant2 Ref SISO



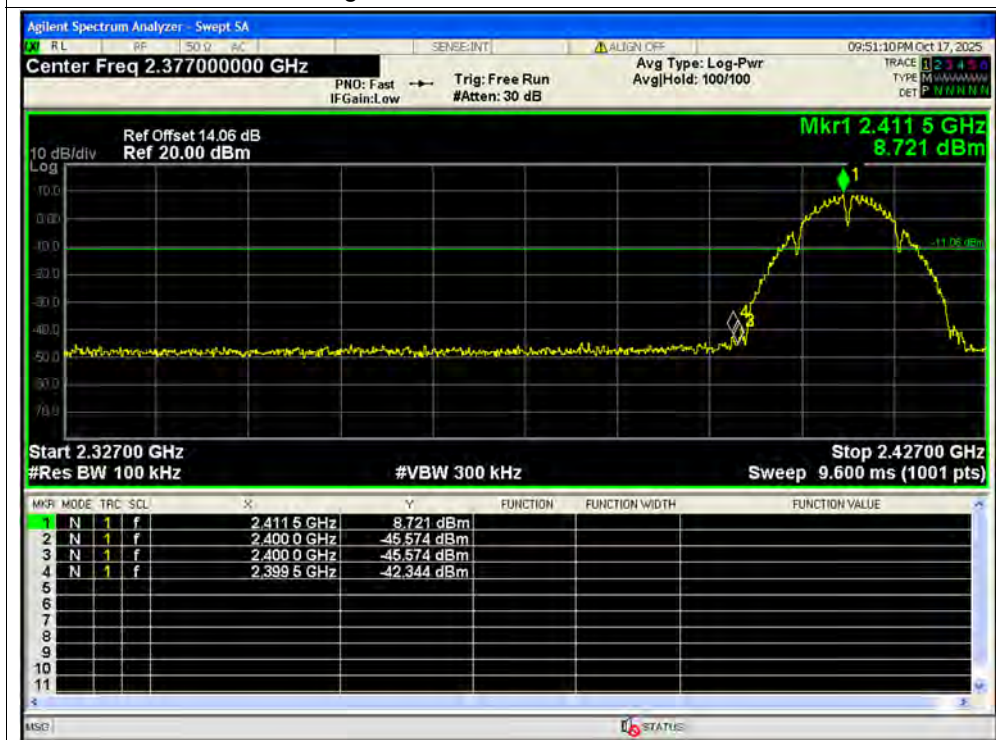
Tx. Spurious NVNT n40 2462MHz Ant2 Emission SISO

**A.6. Band Edge**

Condition	Mode	Frequency (MHz)	Antenna	Max Value (dBc)	Limit (dBc)	Verdict
NVNT	b SISO	2412	Ant1	-51.28	-20	Pass
NVNT	b SISO	2472	Ant1	-48.46	-20	Pass
NVNT	b SISO	2412	Ant2	-50.98	-20	Pass
NVNT	b SISO	2472	Ant2	-49.74	-20	Pass
NVNT	g SISO	2412	Ant1	-32.91	-20	Pass
NVNT	g SISO	2472	Ant1	-30.53	-20	Pass
NVNT	g SISO	2412	Ant2	-32.9	-20	Pass
NVNT	g SISO	2472	Ant2	-30.98	-20	Pass
NVNT	n20 SISO	2412	Ant1	-31.22	-20	Pass
NVNT	n20 SISO	2472	Ant1	-29.91	-20	Pass
NVNT	n20 SISO	2412	Ant2	-32.47	-20	Pass
NVNT	n20 SISO	2472	Ant2	-28.14	-20	Pass
NVNT	n40 SISO	2422	Ant1	-30.32	-20	Pass
NVNT	n40 SISO	2462	Ant1	-29.26	-20	Pass
NVNT	n40 SISO	2422	Ant2	-30.01	-20	Pass
NVNT	n40 SISO	2462	Ant2	-28.52	-20	Pass



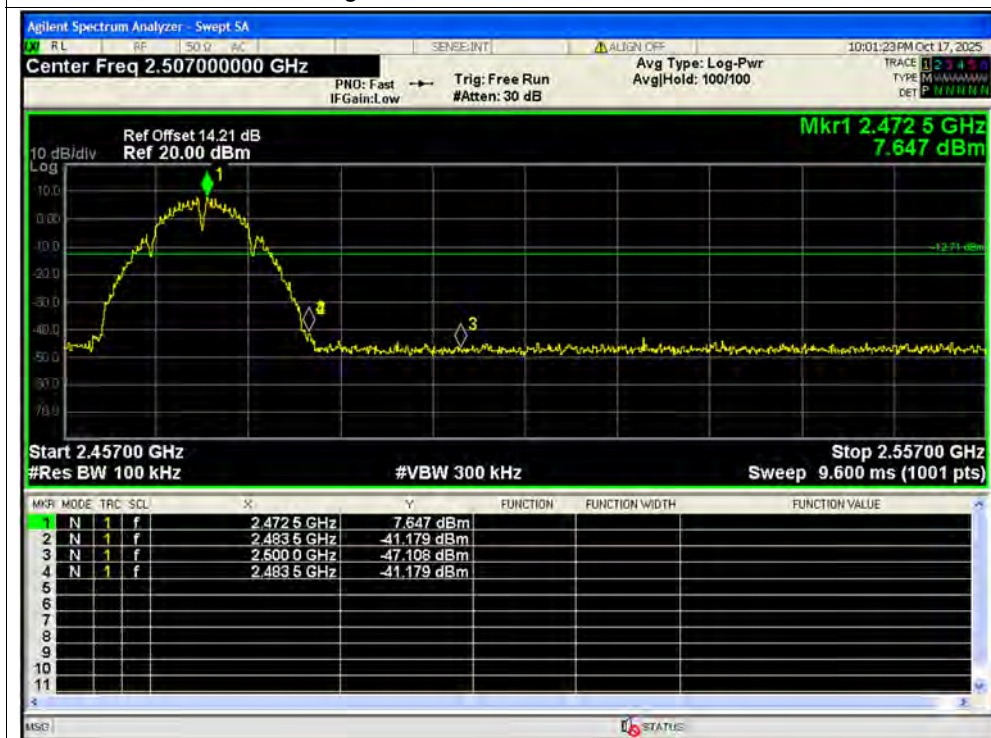
Band Edge NVNT b 2412MHz Ant1 Ref SISO



Band Edge NVNT b 2412MHz Ant1 Emission SISO



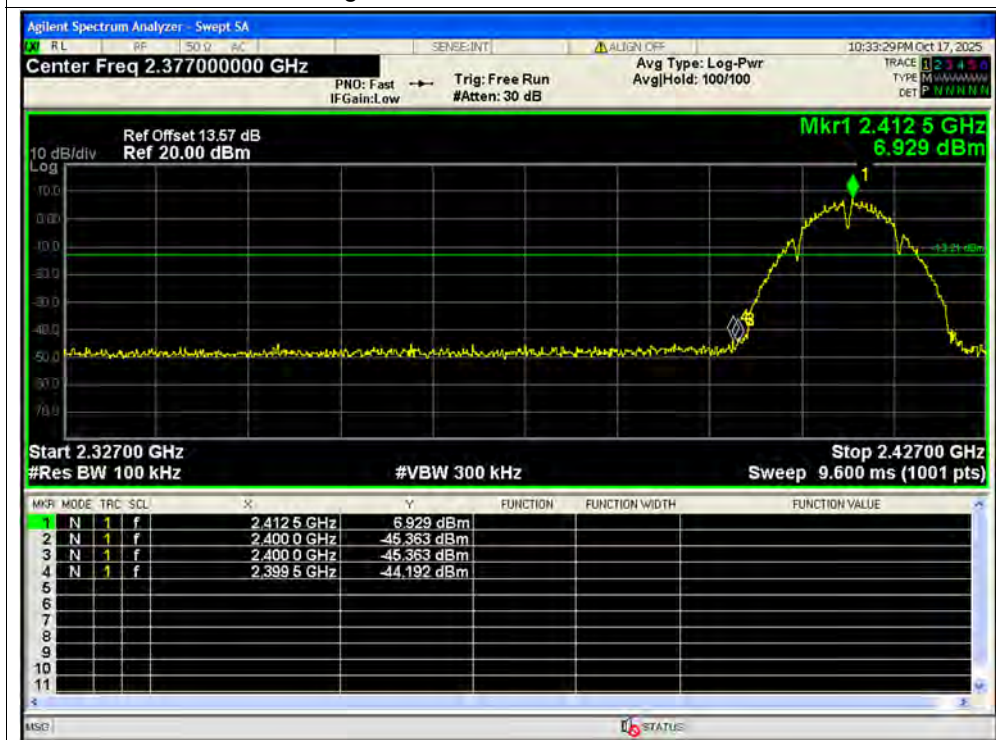
Band Edge NVNT b 2472MHz Ant1 Ref SISO



Band Edge NVNT b 2472MHz Ant1 Emission SISO



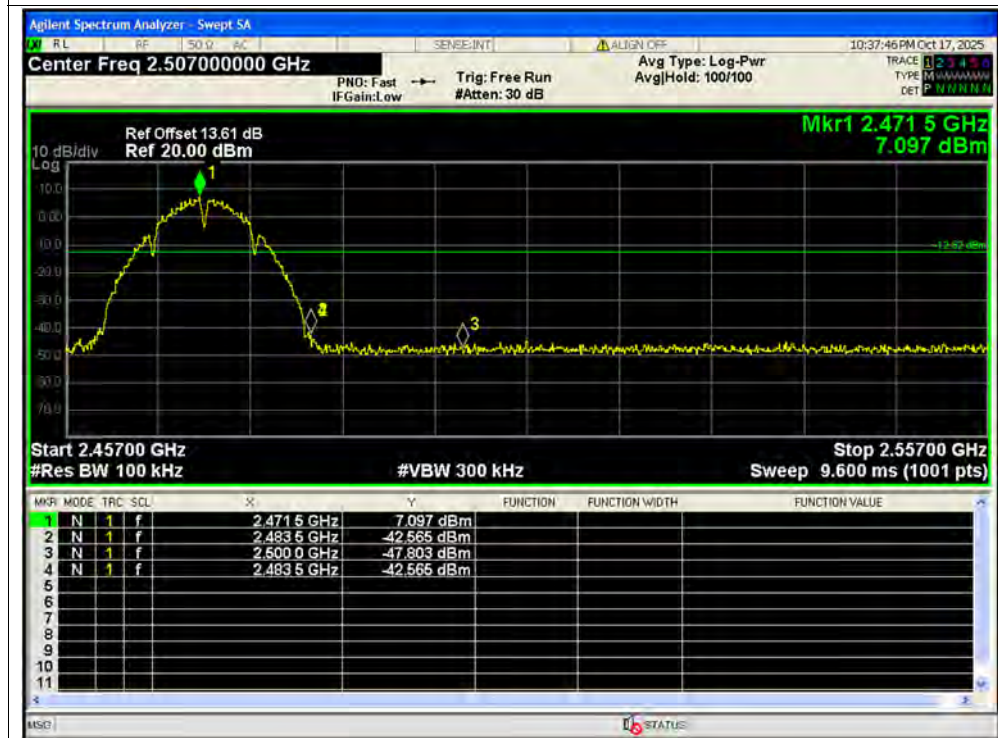
Band Edge NVNT b 2412MHz Ant2 Ref SISO



Band Edge NVNT b 2412MHz Ant2 Emission SISO



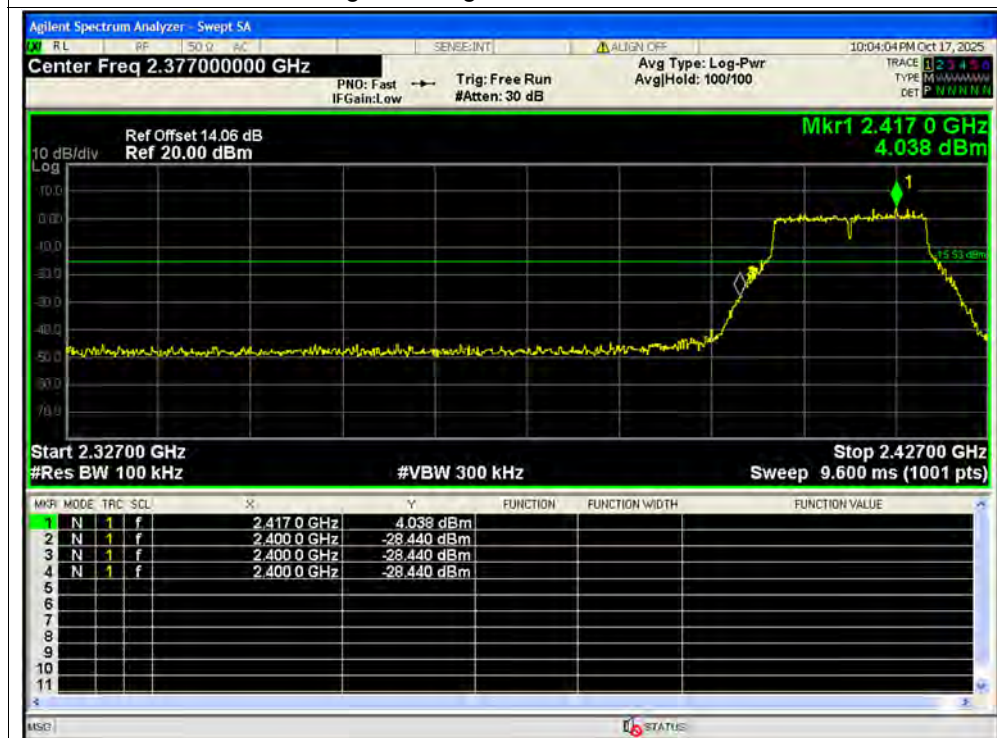
Band Edge NVNT b 2472MHz Ant2 Ref SISO



Band Edge NVNT b 2472MHz Ant2 Emission SISO



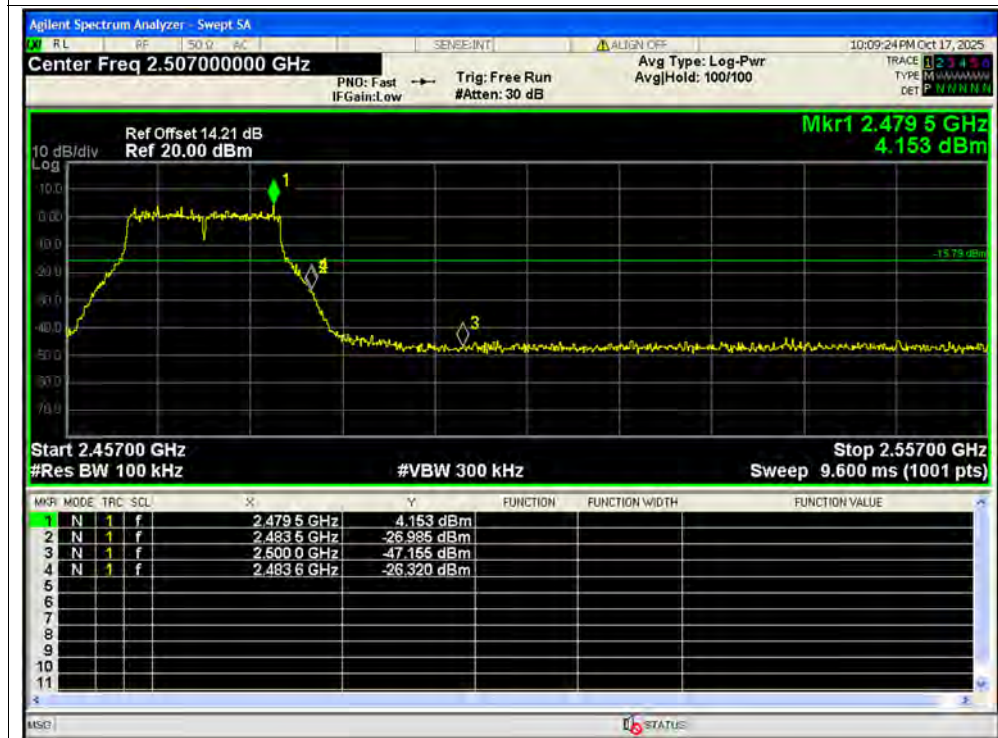
Band Edge NVNT g 2412MHz Ant1 Ref SISO



Band Edge NVNT g 2412MHz Ant1 Emission SISO



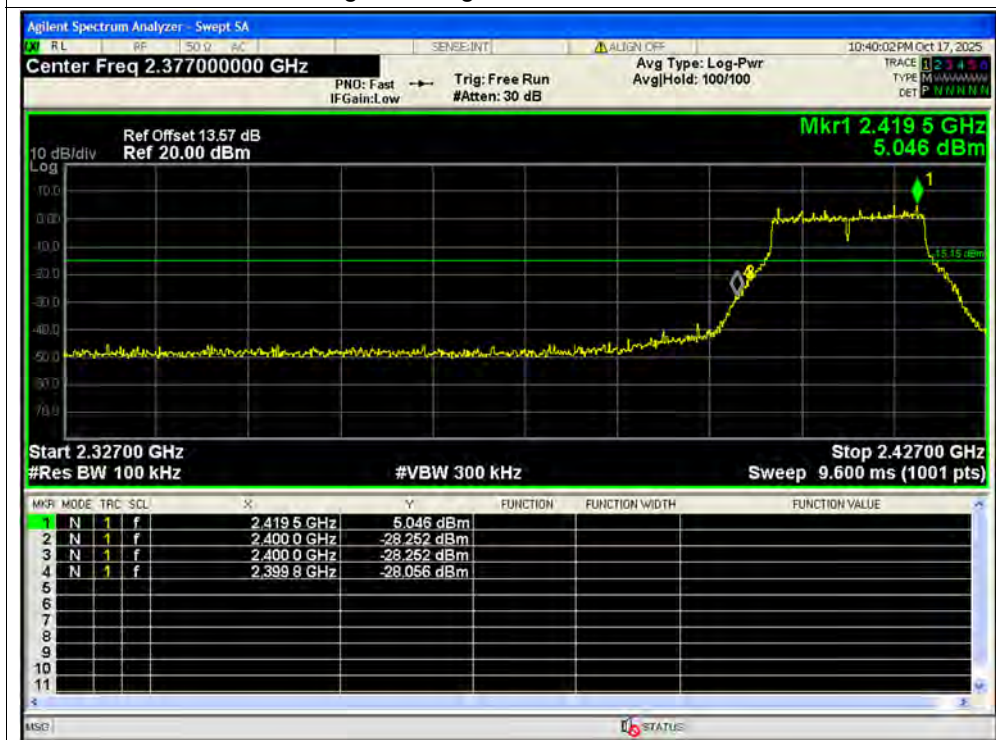
Band Edge NVNT g 2472MHz Ant1 Ref SISO



Band Edge NVNT g 2472MHz Ant1 Emission SISO



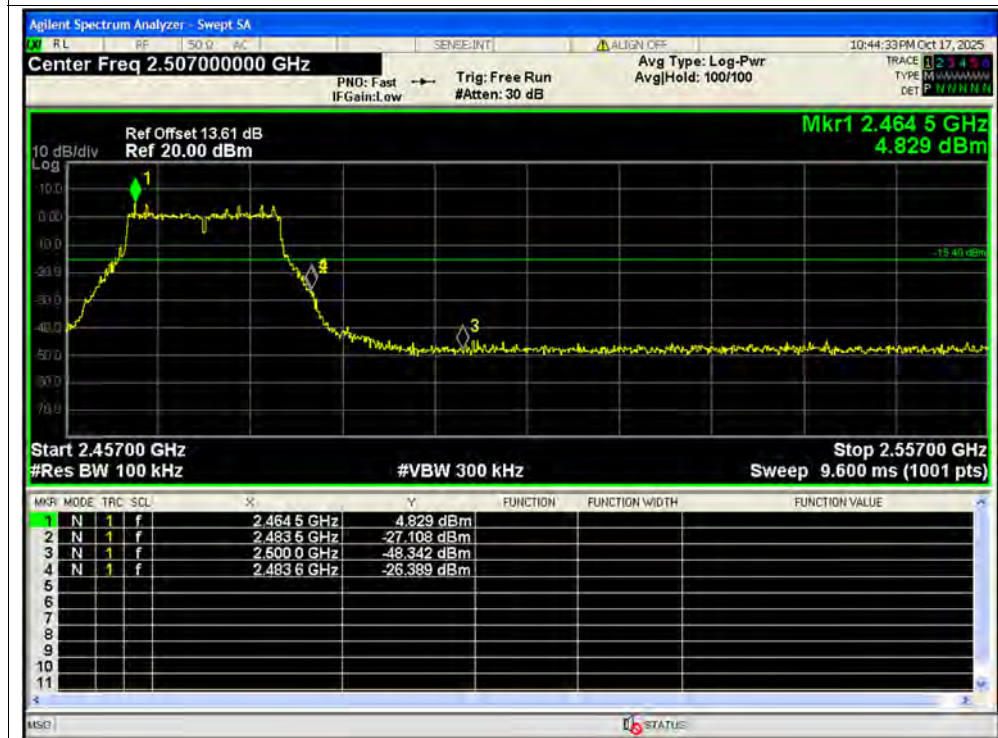
Band Edge NVNT g 2412MHz Ant2 Ref SISO



Band Edge NVNT g 2412MHz Ant2 Emission SISO



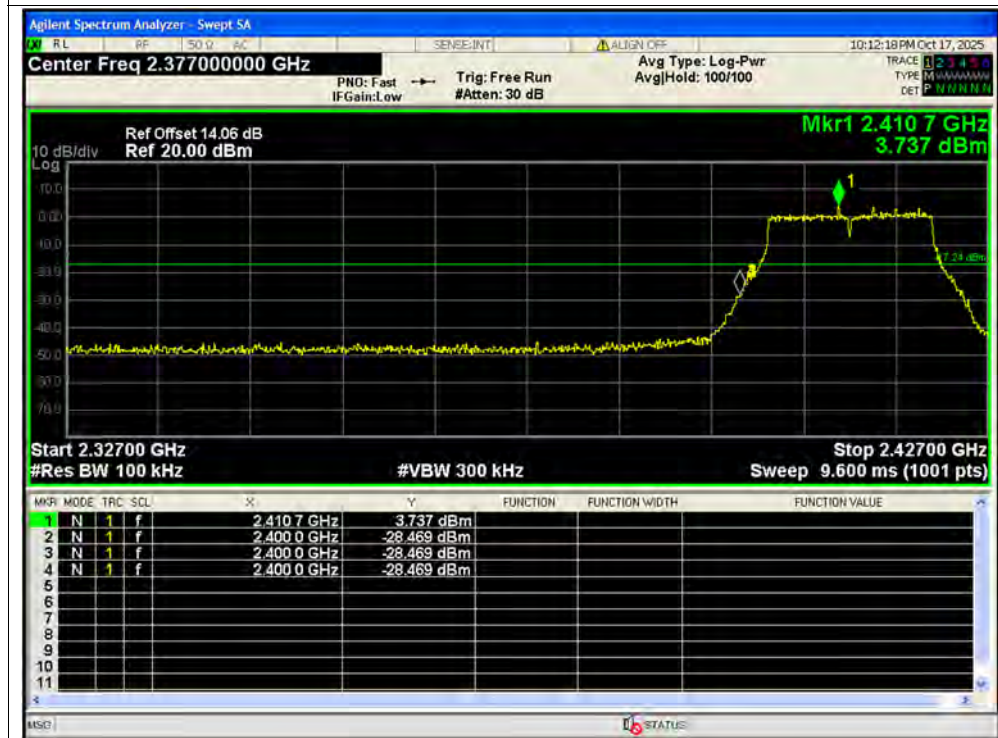
Band Edge NVNT g 2472MHz Ant2 Ref SISO



Band Edge NVNT g 2472MHz Ant2 Emission SISO



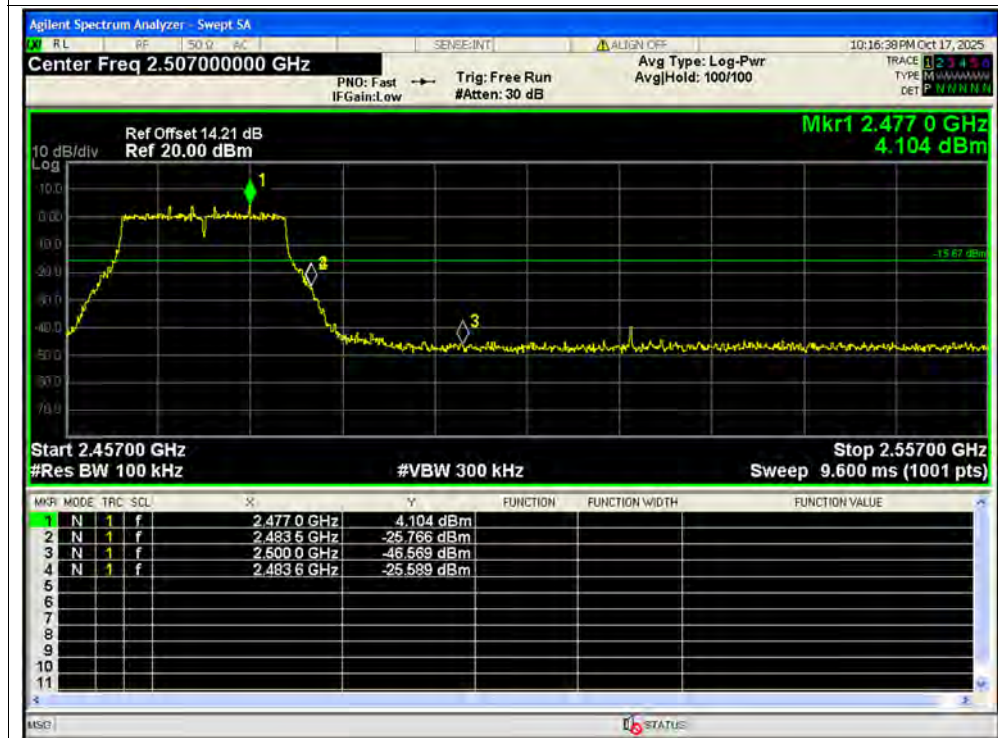
Band Edge NVNT n20 2412MHz Ant1 Ref SISO



Band Edge NVNT n20 2412MHz Ant1 Emission SISO



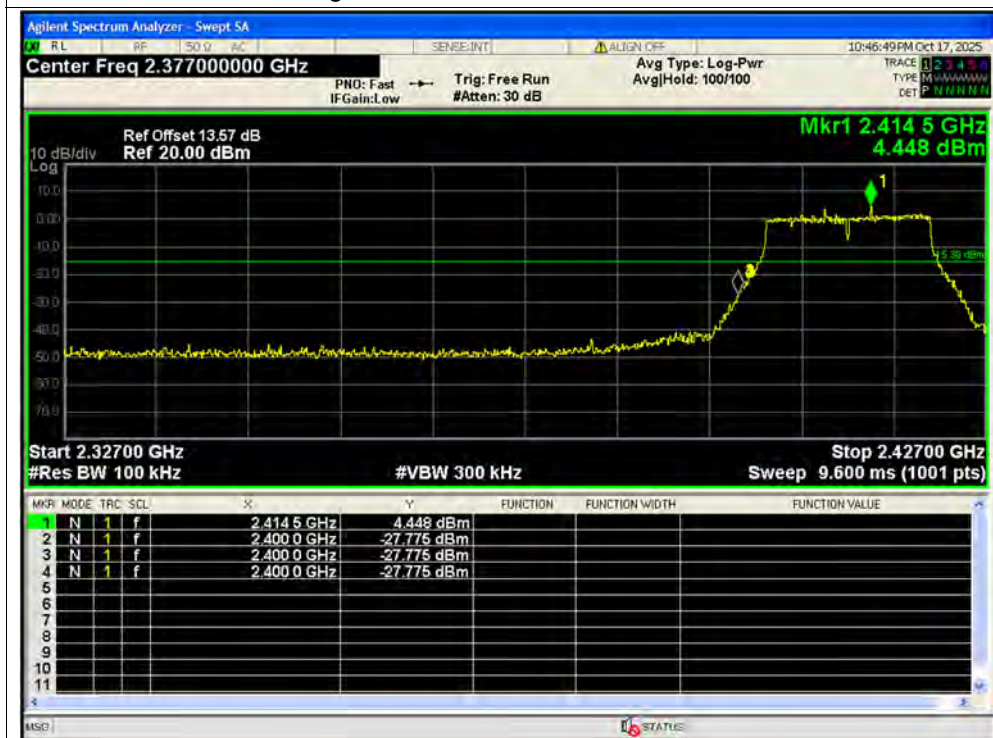
Band Edge NVNT n20 2472MHz Ant1 Ref SISO



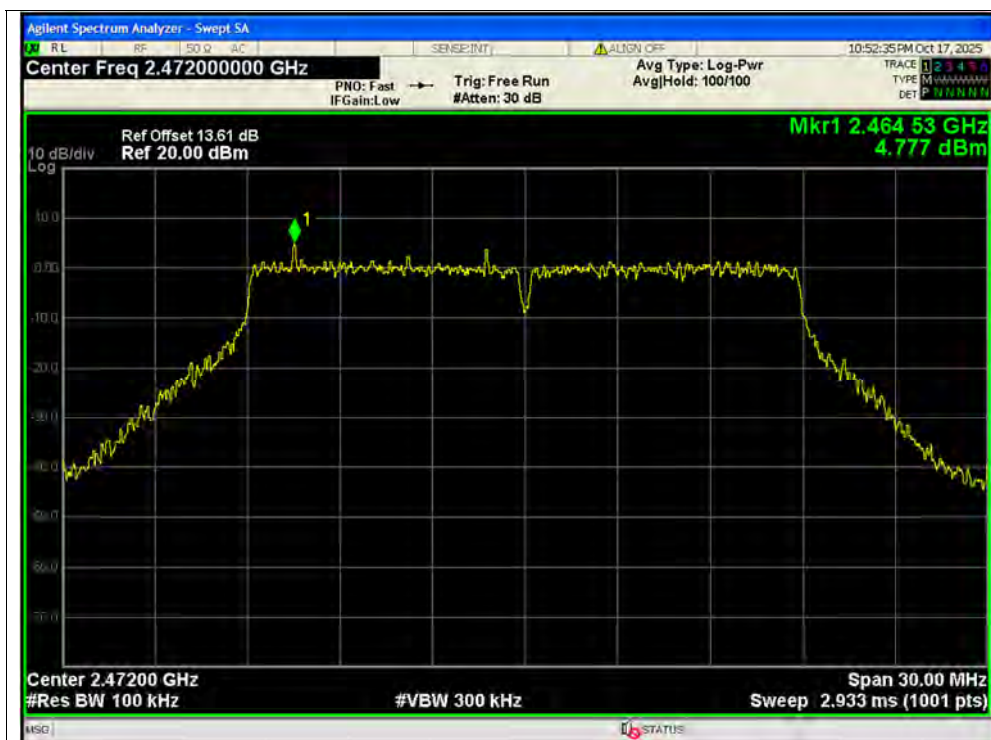
Band Edge NVNT n20 2472MHz Ant1 Emission SISO



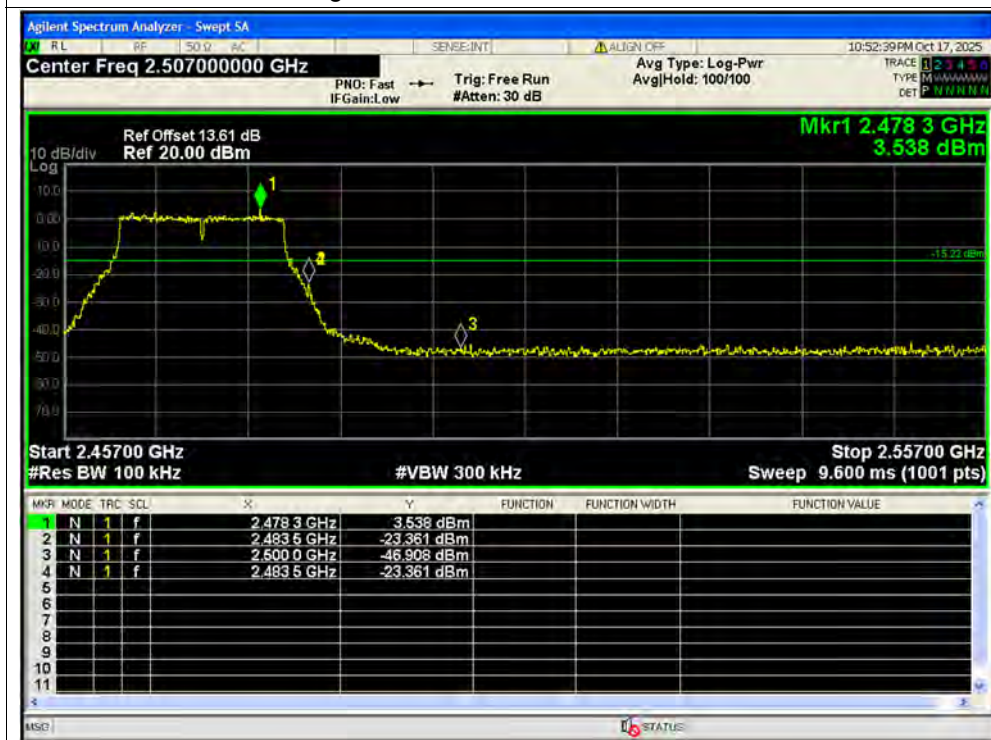
Band Edge NVNT n20 2412MHz Ant2 Ref SISO



Band Edge NVNT n20 2412MHz Ant2 Emission SISO



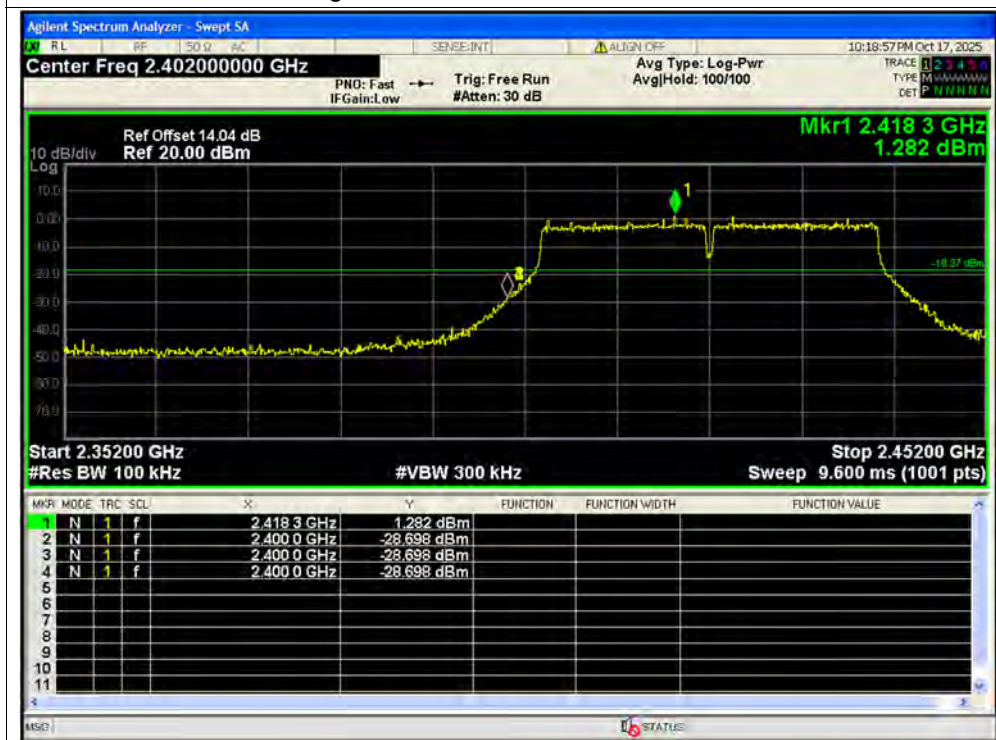
Band Edge NVNT n20 2472MHz Ant2 Ref SISO



Band Edge NVNT n20 2472MHz Ant2 Emission SISO



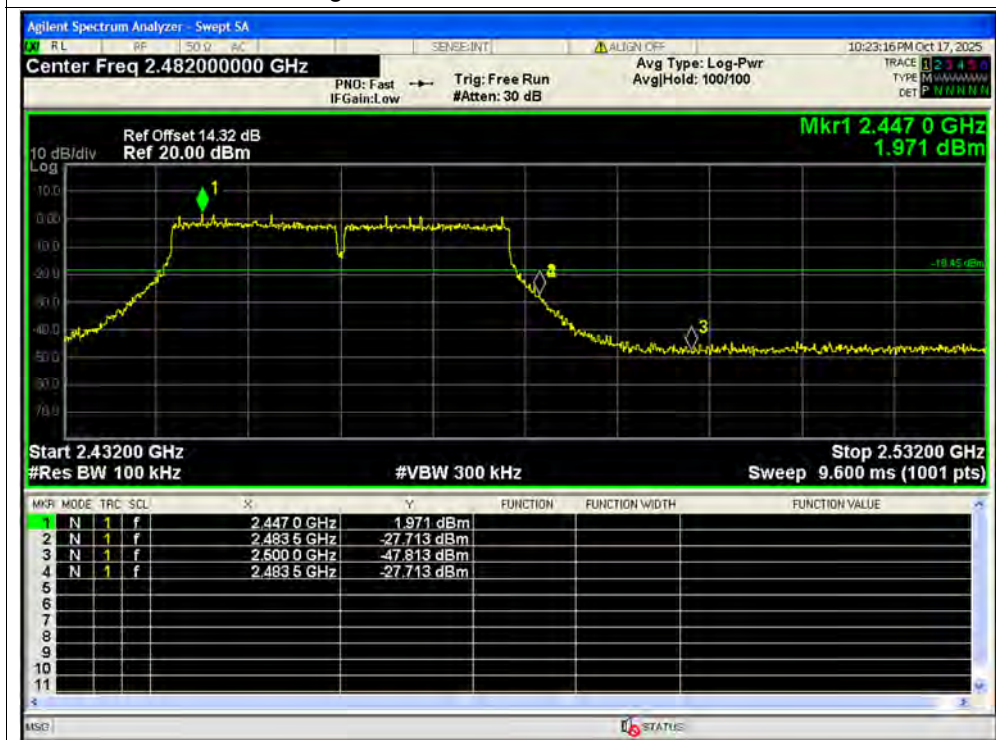
Band Edge NVNT n40 2422MHz Ant1 Ref SISO



Band Edge NVNT n40 2422MHz Ant1 Emission SISO



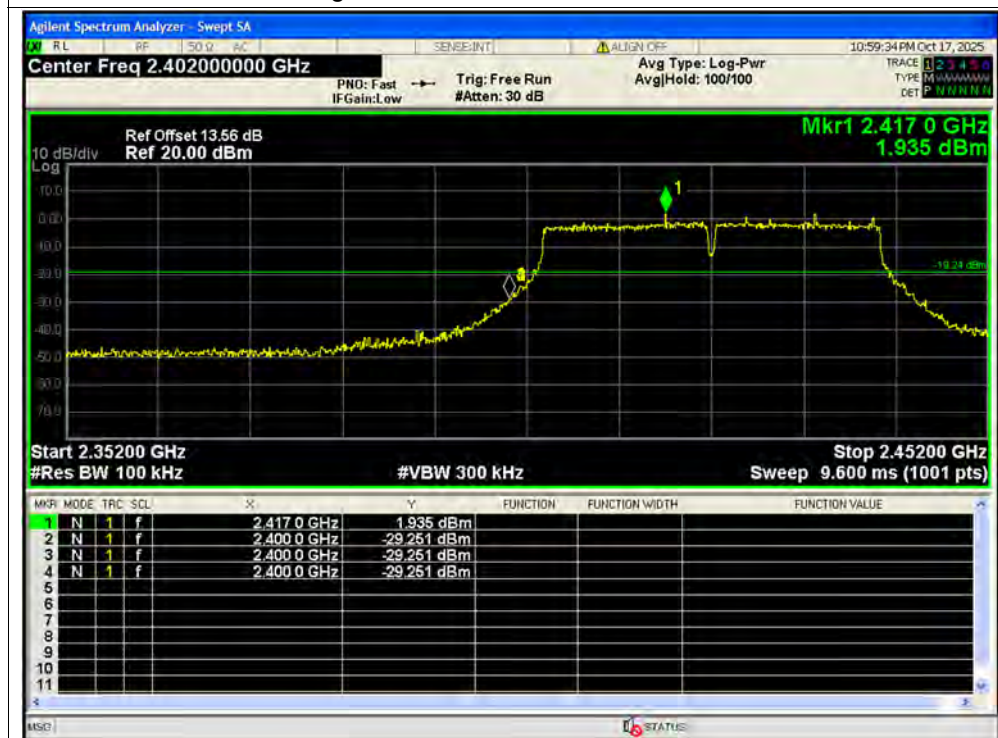
Band Edge NVNT n40 2462MHz Ant1 Ref SISO



Band Edge NVNT n40 2462MHz Ant1 Emission SISO



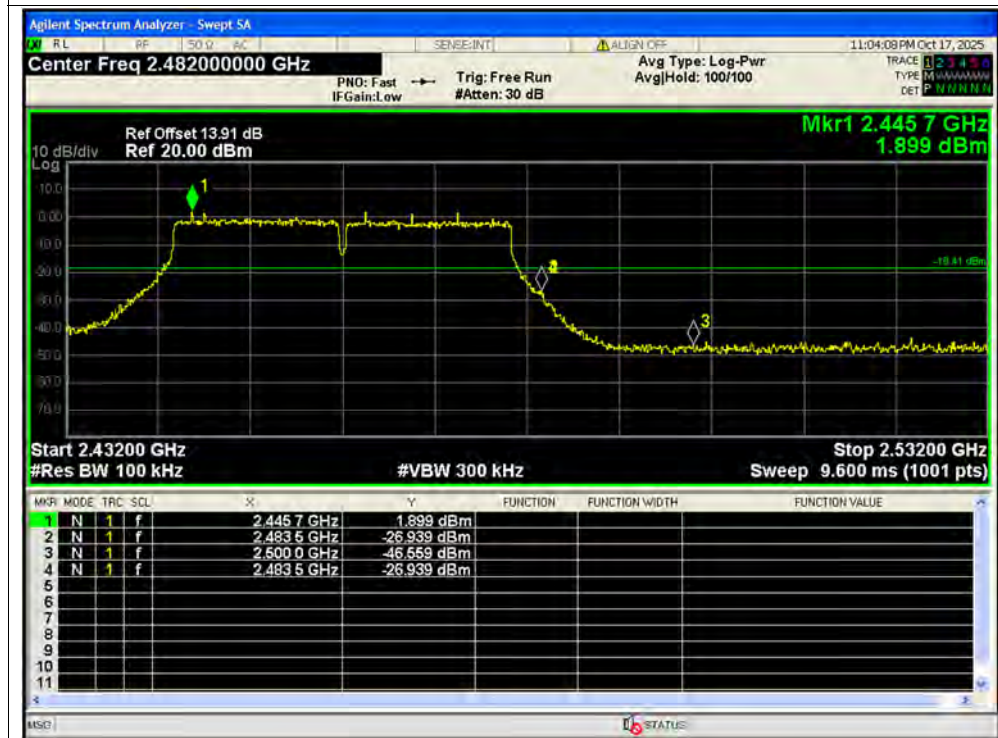
Band Edge NVNT n40 2422MHz Ant2 Ref SISO



Band Edge NVNT n40 2422MHz Ant2 Emission SISO



Band Edge NVNT n40 2462MHz Ant2 Ref SISO



Band Edge NVNT n40 2462MHz Ant2 Emission SISO

**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 SISO	2412	Ant1	-7.11	0	-7.11	8	Pass
NVNT	b SISO	2442	Ant1	-6.99	0	-6.99	8	Pass
NVNT	b SISO	2472	Ant1	-6.96	0	-6.96	8	Pass
NVNT	b SISO	2412	Ant2	-7.38	0	-7.38	8	Pass
NVNT	b SISO	2442	Ant2	-7.05	0	-7.05	8	Pass
NVNT	b SISO	2472	Ant2	-6.95	0	-6.95	8	Pass
NVNT	g SISO	2412	Ant1	-10.56	0	-10.56	8	Pass
NVNT	g SISO	2442	Ant1	-10.35	0	-10.35	8	Pass
NVNT	g SISO	2472	Ant1	-10.85	0	-10.85	8	Pass
NVNT	g SISO	2412	Ant2	-9.47	0	-9.47	8	Pass
NVNT	g SISO	2442	Ant2	-10.62	0	-10.62	8	Pass
NVNT	g SISO	2472	Ant2	-9.95	0	-9.95	8	Pass
NVNT	n20 SISO	2412	Ant1	-9.98	0	-9.98	8	Pass
NVNT	n20 SISO	2442	Ant1	-10.24	0	-10.24	8	Pass
NVNT	n20 SISO	2472	Ant1	-10.32	0	-10.32	8	Pass
NVNT	n20 SISO	2412	Ant2	-9.78	0	-9.78	8	Pass
NVNT	n20 SISO	2442	Ant2	-10.46	0	-10.46	8	Pass



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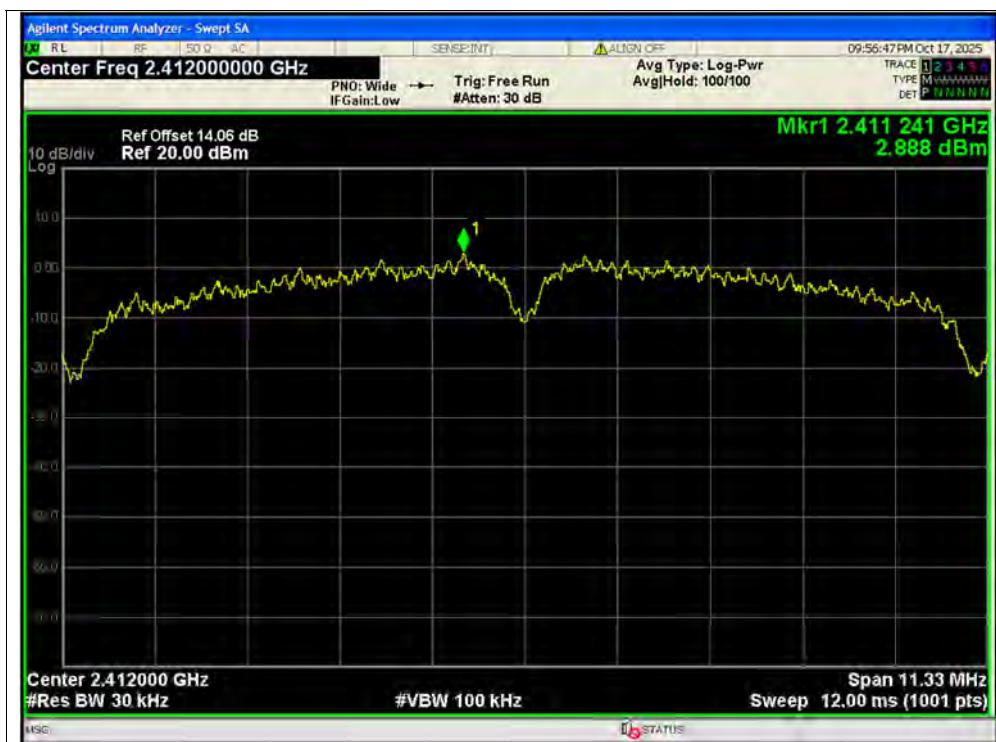
NVNT	n20 SISO	2472	Ant2	-10.01	0	-10.01	8	Pass
NVNT	n20 MIMO	2412	Ant1	-13.09	0	-13.09	8	Pass
NVNT	n20 MIMO	2412	Ant2	-12.66	0	-12.66	8	Pass
NVNT	n20 MIMO	2412	Sum	-9.86	0	-9.86	7.99	Pass
NVNT	n20 MIMO	2442	Ant1	-13.17	0	-13.17	8	Pass
NVNT	n20 MIMO	2442	Ant2	-13.04	0	-13.04	8	Pass
NVNT	n20 MIMO	2442	Sum	-10.09	0	-10.09	7.99	Pass
NVNT	n20 MIMO	2472	Ant1	-13.6	0	-13.6	8	Pass
NVNT	n20 MIMO	2472	Ant2	-13.56	0	-13.56	8	Pass
NVNT	n20 MIMO	2472	Sum	-10.57	0	-10.57	7.99	Pass
NVNT	n40 SISO	2422	Ant1	-12.58	0	-12.58	8	Pass
NVNT	n40 SISO	2442	Ant1	-13.35	0	-13.35	8	Pass
NVNT	n40 SISO	2462	Ant1	-13.01	0	-13.01	8	Pass
NVNT	n40 SISO	2422	Ant2	-12.3	0	-12.3	8	Pass
NVNT	n40 SISO	2442	Ant2	-13.27	0	-13.27	8	Pass
NVNT	n40 SISO	2462	Ant2	-12.3	0	-12.3	8	Pass
NVNT	n40 MIMO	2422	Ant1	-16.99	0	-16.99	8	Pass
NVNT	n40 MIMO	2422	Ant2	-15.98	0	-15.98	8	Pass
NVNT	n40 MIMO	2422	Sum	-13.45	0	-13.45	7.78	Pass
NVNT	n40	2442	Ant1	-17.06	0	-17.06	8	Pass



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	MIMO							
NVNT	n40 MIMO	2442	Ant2	-16.52	0	-16.52	8	Pass
NVNT	n40 MIMO	2442	Sum	-13.77	0	-13.77	7.78	Pass
NVNT	n40 MIMO	2462	Ant1	-16.13	0	-16.13	8	Pass
NVNT	n40 MIMO	2462	Ant2	-15.04	0	-15.04	8	Pass
NVNT	n40 MIMO	2462	Sum	-12.54	0	-12.54	7.78	Pass

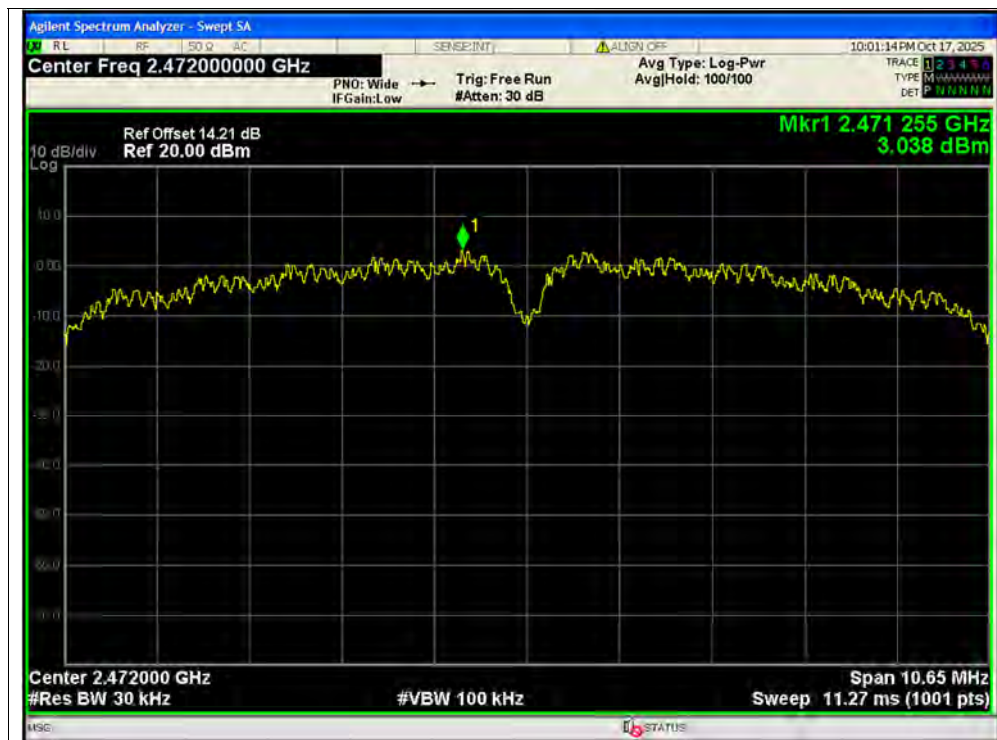
Note: Directional gain = $10\log[(10^{G0/20} + 10^{G1/20})^2 / 2] = 6.22\text{dBi} > 6\text{dBi}$, so the PSD limit shall be reduced to 8-(6.22-6) = 7.78dBm/3kHz.



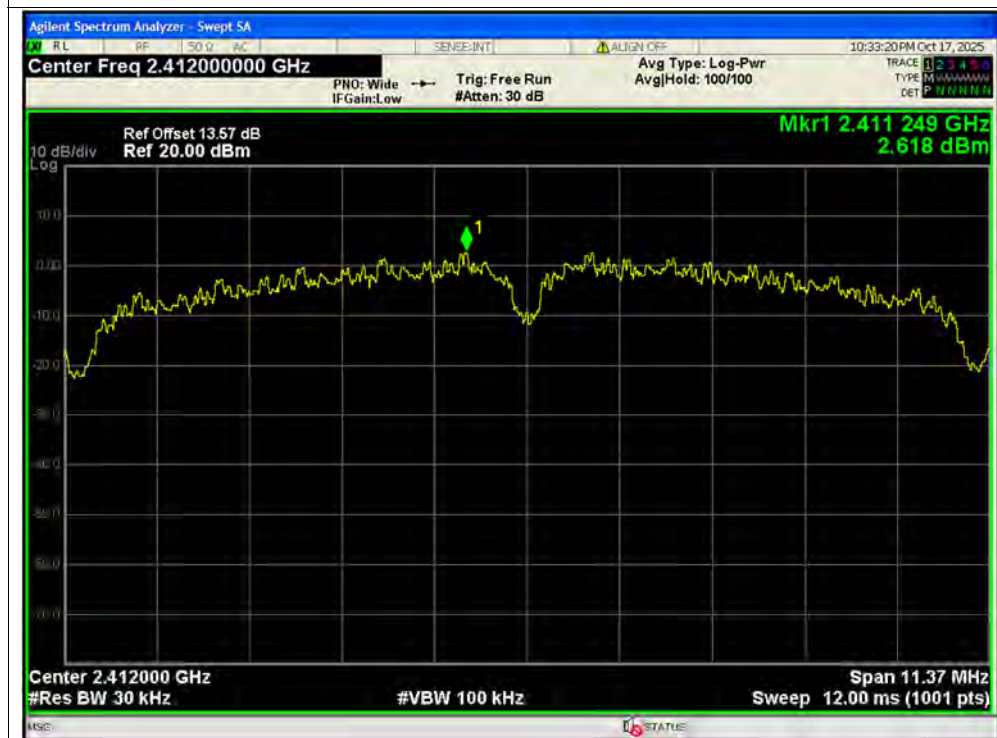
PSD NVNT b 2412MHz Ant1 SISO



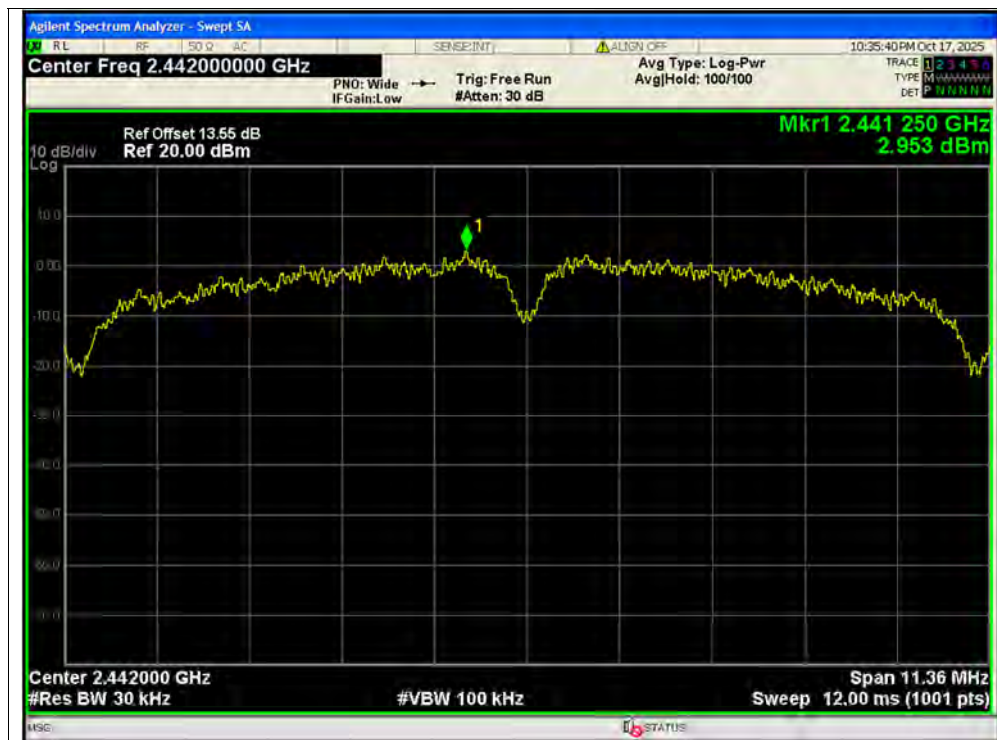
PSD NVNT b 2442MHz Ant1 SISO



PSD NVNT b 2472MHz Ant1 SISO



PSD NVNT b 2412MHz Ant2 SISO



PSD NVNT b 2442MHz Ant2 SISO



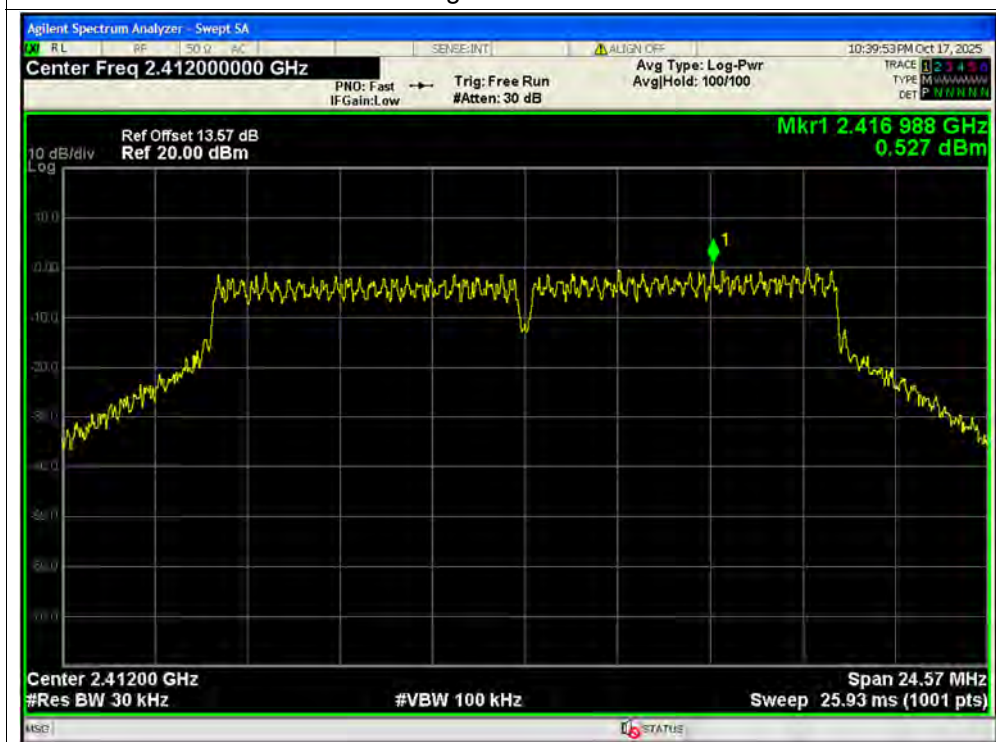
PSD NVNT b 2472MHz Ant2 SISO

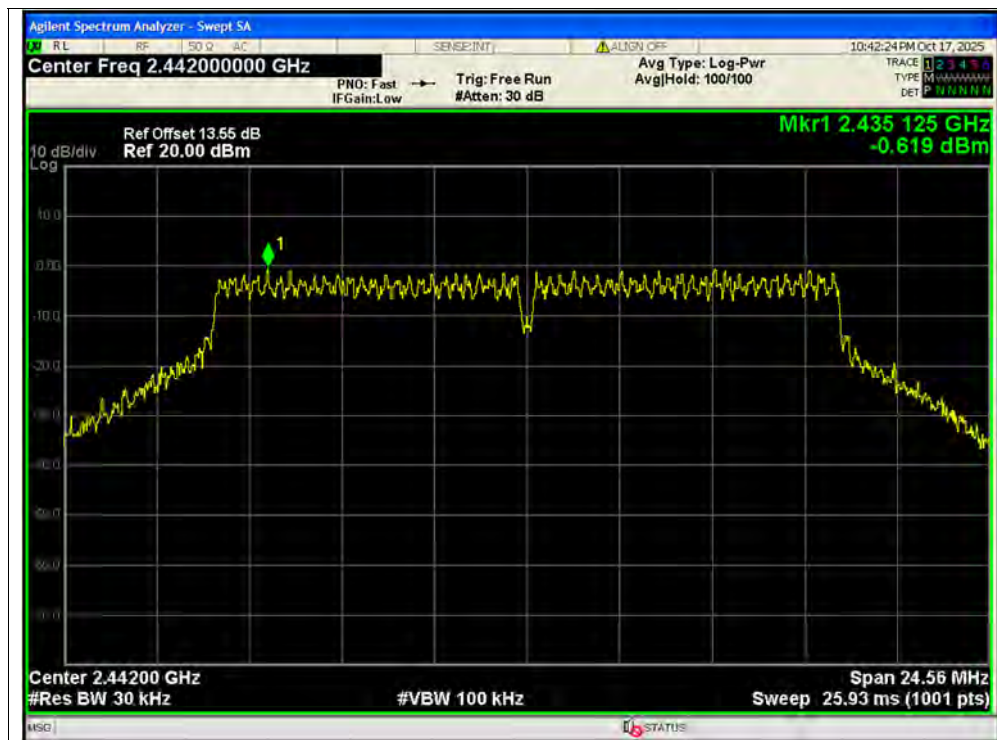


PSD NVNT g 2412MHz Ant1 SISO



PSD NVNT g 2442MHz Ant1 SISO





PSD NVNT g 2442MHz Ant2 SISO



PSD NVNT g 2472MHz Ant2 SISO



PSD NVNT n20 2412MHz Ant1 SISO



PSD NVNT n20 2442MHz Ant1 SISO



PSD NVNT n20 2472MHz Ant1 SISO



PSD NVNT n20 2412MHz Ant2 SISO



PSD NVNT n20 2442MHz Ant2 SISO



PSD NVNT n20 2472MHz Ant2 SISO



PSD NVNT n20 2412MHz Ant1 MIMO



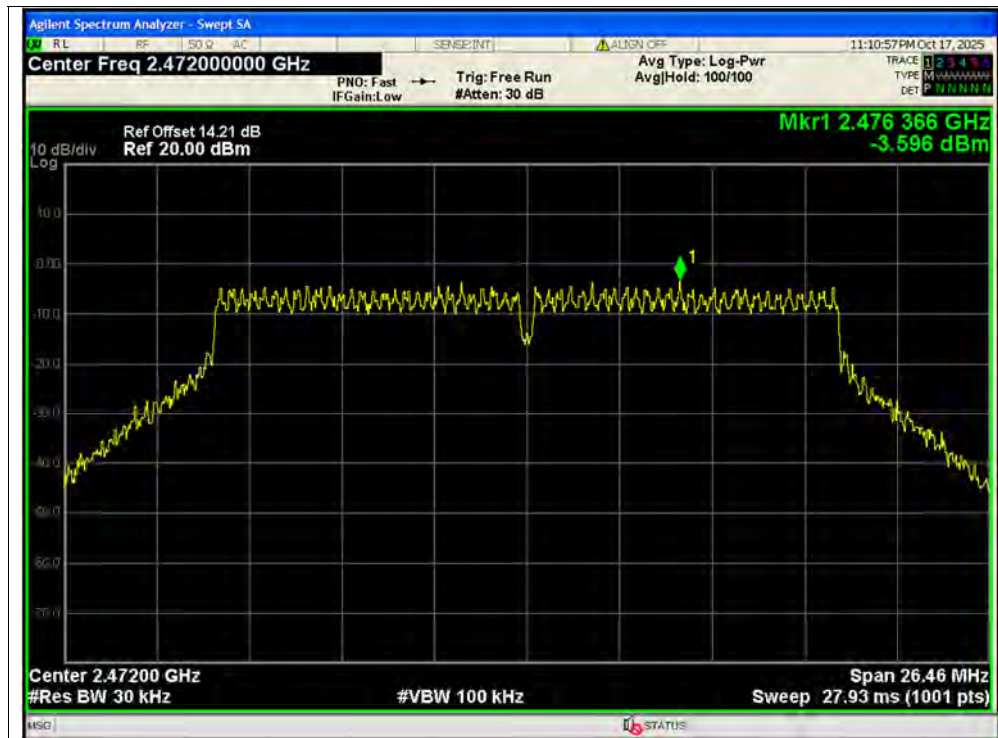
PSD NVNT n20 2412MHz Ant2 MIMO



PSD NVNT n20 2442MHz Ant1 MIMO



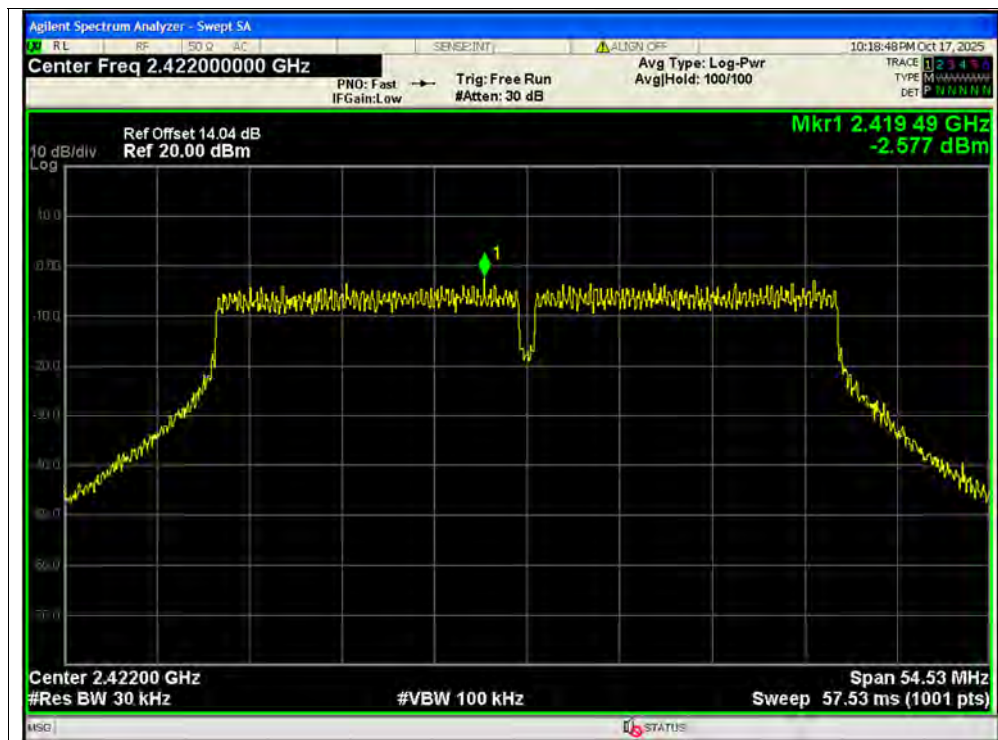
PSD NVNT n20 2442MHz Ant2 MIMO



PSD NVNT n20 2472MHz Ant1 MIMO



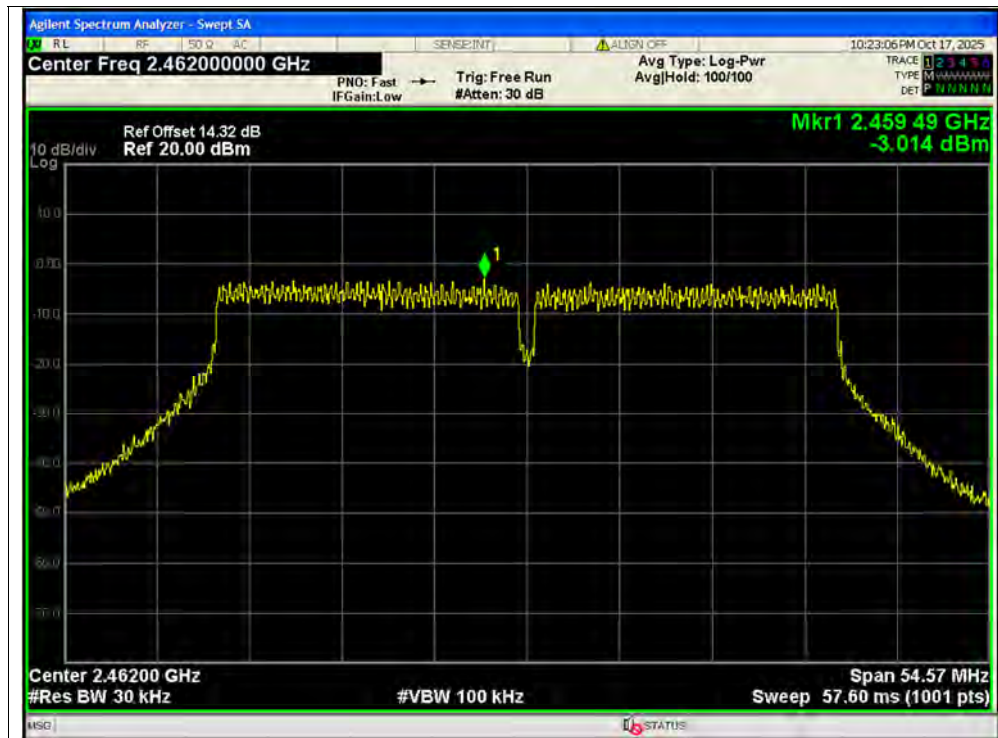
PSD NVNT n20 2472MHz Ant2 MIMO



PSD NVNT n40 2422MHz Ant1 SISO



PSD NVNT n40 2442MHz Ant1 SISO



PSD NVNT n40 2462MHz Ant1 SISO



PSD NVNT n40 2422MHz Ant2 SISO





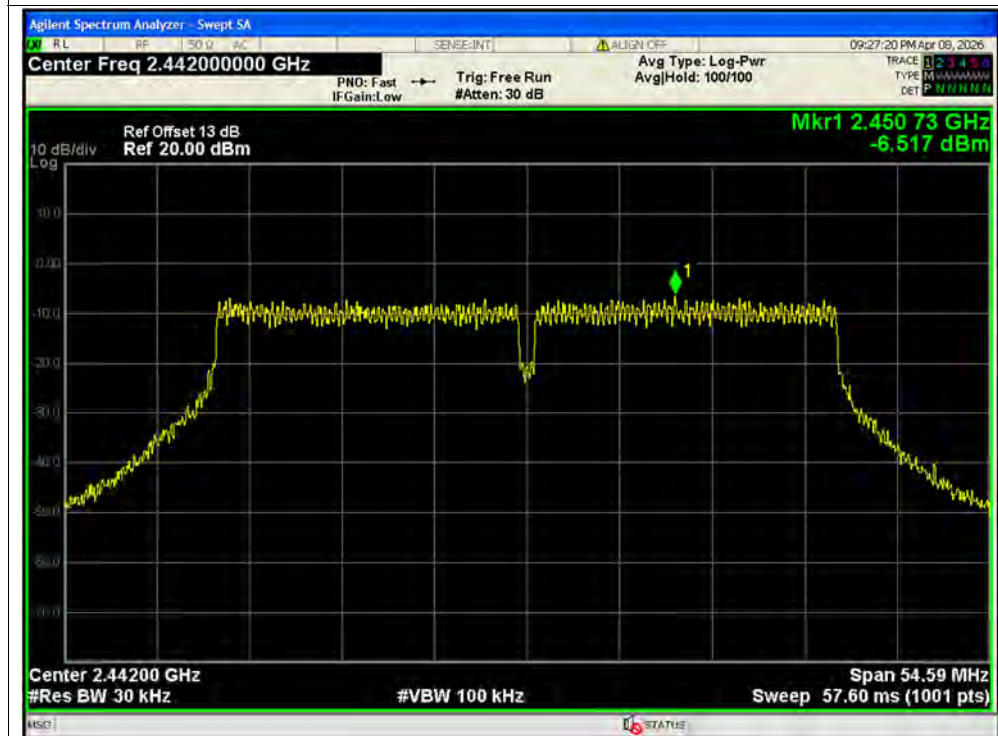
PSD NVNT n40 2422MHz Ant1 MIMO



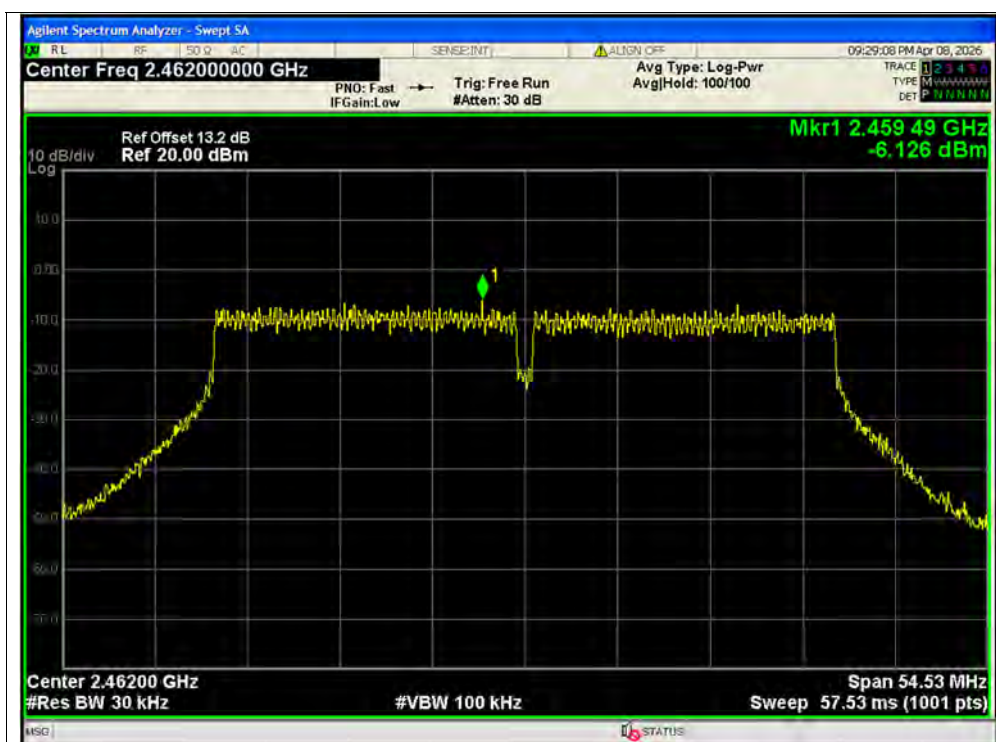
PSD NVNT n40 2422MHz Ant2 MIMO



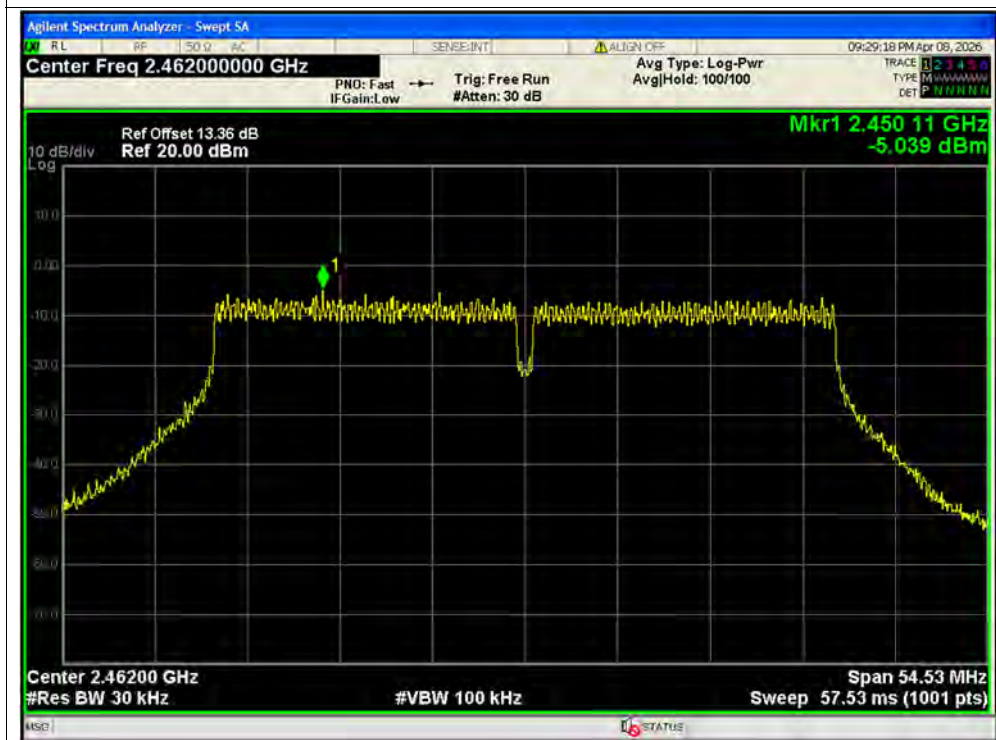
PSD NVNT n40 2442MHz Ant1 MIMO



PSD NVNT n40 2442MHz Ant2 MIMO



PSD NVNT n40 2462MHz Ant1 MIMO



PSD NVNT n40 2462MHz Ant2 MIMO

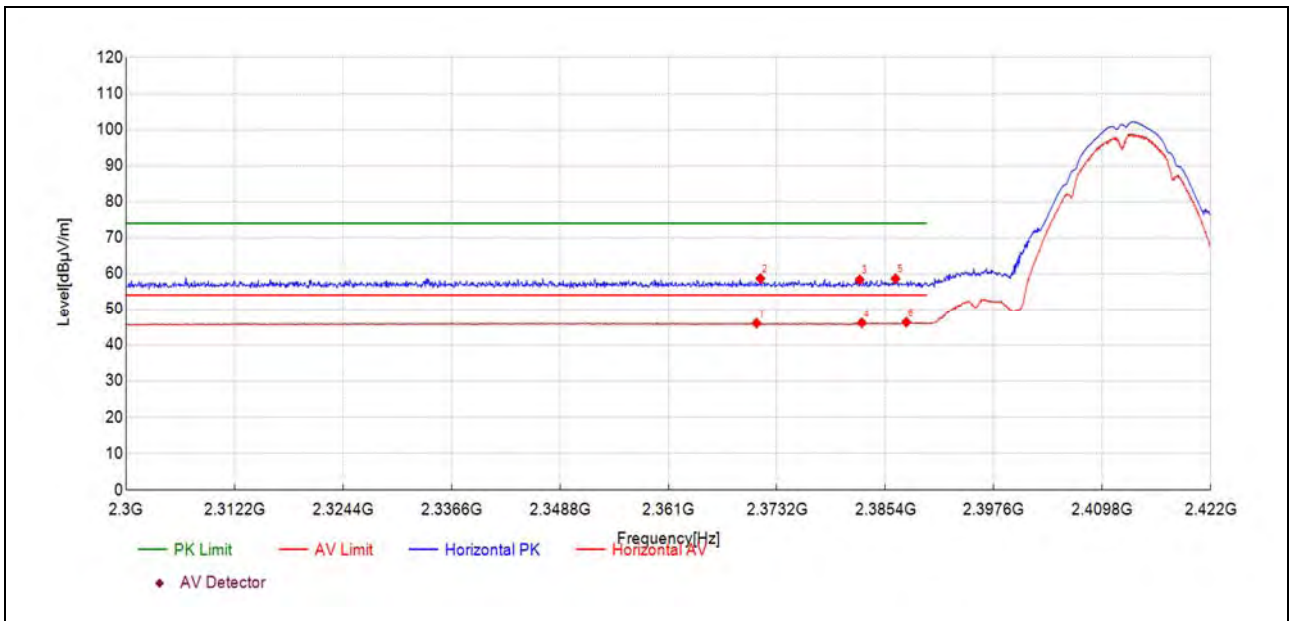
A.8. Restricted Frequency Bands

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 and bandwidth were considered and evaluated respectively by performing full test, only the worst data were recorded for each bandwidth.

802.11b Mode

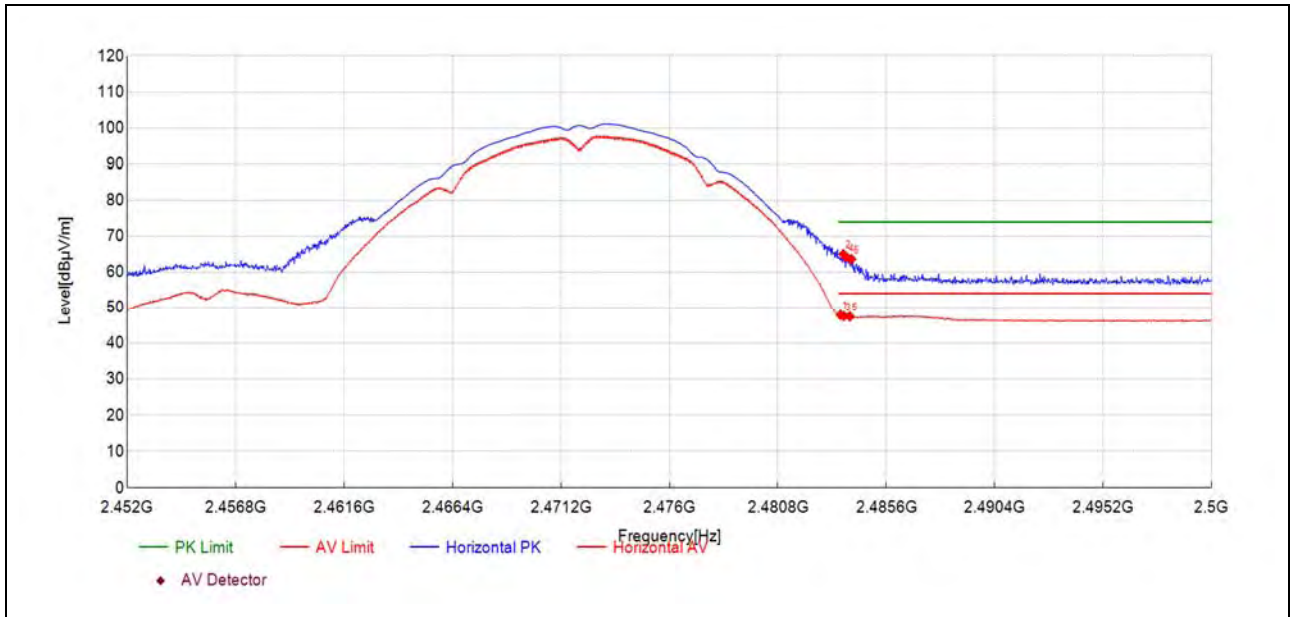
Plot for Channel 1



Frequency [MHz]	Reading [dBμV]	Level [dBμV/m]	Factor [dB/m]	Limit [dBμV/m]	Margin [dB]	Angle [°]	Detector	Polarity	Verdict
2370.92	8.6	46.02	37.470	54.00	7.98	355	AV	Horizontal	PASS
2371.34	21.2	58.65	37.470	74.00	15.35	196	PK	Horizontal	PASS
2382.51	20.9	58.33	37.480	74.00	15.67	238	PK	Horizontal	PASS
2382.76	8.6	46.12	37.480	54.00	7.88	2	AV	Horizontal	PASS
2386.54	21.1	58.63	37.490	74.00	15.37	201	PK	Horizontal	PASS
2387.76	8.8	46.30	37.490	54.00	7.70	56	AV	Horizontal	PASS



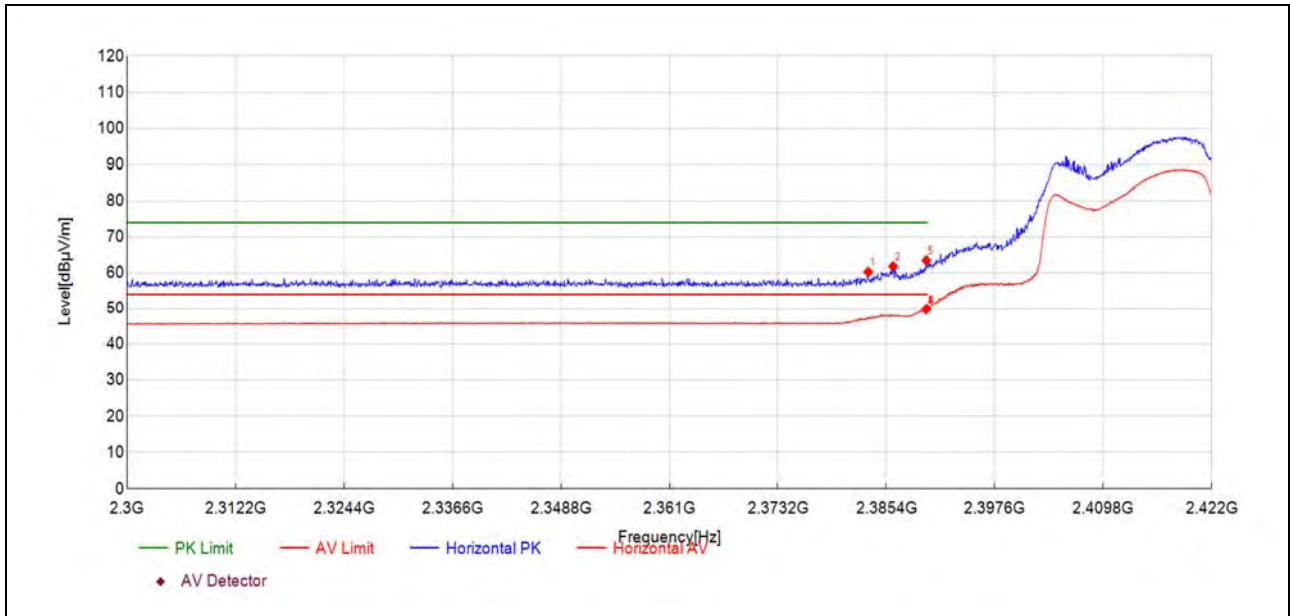
Plot for Channel 13



Frequency [MHz]	Reading [dBμV]	Level [dBμV/m]	Factor [dB/m]	Limit [dBμV/m]	Margin [dB]	Angle [°]	Detector	Polarity	Verdict
2483.58	9.6	47.87	38.280	54.00	6.13	70	AV	Horizontal	PASS
2483.70	26.7	64.99	38.280	74.00	9.01	64	PK	Horizontal	PASS
2483.72	9.3	47.56	38.280	54.00	6.44	149	AV	Horizontal	PASS
2483.84	25.9	64.13	38.270	74.00	9.87	149	PK	Horizontal	PASS
2483.98	9.2	47.46	38.270	54.00	6.54	60	AV	Horizontal	PASS
2484.06	25.4	63.63	38.270	74.00	10.37	149	PK	Horizontal	PASS

**802.11n (HT40) Mode**

Plot for Channel 3



Frequency [MHz]	Reading [dBμV]	Level [dBμV/m]	Factor [dB/m]	Limit [dBμV/m]	Margin [dB]	Angle [°]	Detector	Polarity	Verdict
2383.37	22.8	60.28	37.490	74.00	13.72	150	PK	Horizontal	PASS
2386.18	24.3	61.83	37.490	74.00	12.17	196	PK	Horizontal	PASS
2389.84	12.2	49.73	37.490	54.00	4.27	61	AV	Horizontal	PASS
2389.90	12.1	49.60	37.490	54.00	4.40	61	AV	Horizontal	PASS
2389.90	26.0	63.51	37.490	74.00	10.49	145	PK	Horizontal	PASS
2389.96	12.5	49.94	37.490	54.00	4.06	66	AV	Horizontal	PASS



Plot for Channel 11



Frequency [MHz]	Reading [dBμV]	Level [dBμV/m]	Factor [dB/m]	Limit [dBμV/m]	Margin [dB]	Angle [°]	Detector	Polarity	Verdict
2483.50	12.0	50.23	38.280	54.00	3.77	154	AV	Horizontal	PASS
2483.58	12.1	50.38	38.280	54.00	3.62	145	AV	Horizontal	PASS
2483.60	31.2	69.50	38.280	74.00	4.50	154	PK	Horizontal	PASS
2483.67	11.8	50.06	38.280	54.00	3.94	150	AV	Horizontal	PASS
2483.79	30.3	68.57	38.270	74.00	5.43	159	PK	Horizontal	PASS
2483.91	29.3	67.52	38.270	74.00	6.48	159	PK	Horizontal	PASS



A.9. 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: 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 3: 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:

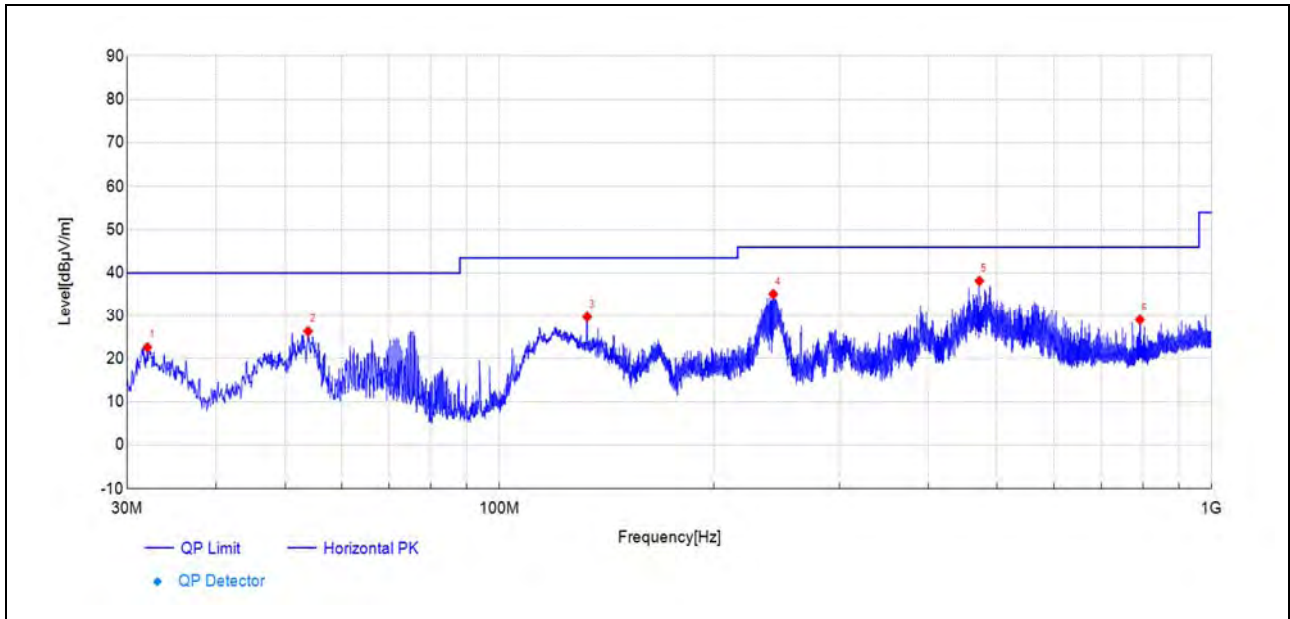
Frequency [MHz]	Reading [dB μ V]	Level [dB μ V/m]	Factor [dB/m]	Detector	Polarity
2386.54	21.1	58.63	37.490	PK	Horizontal

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



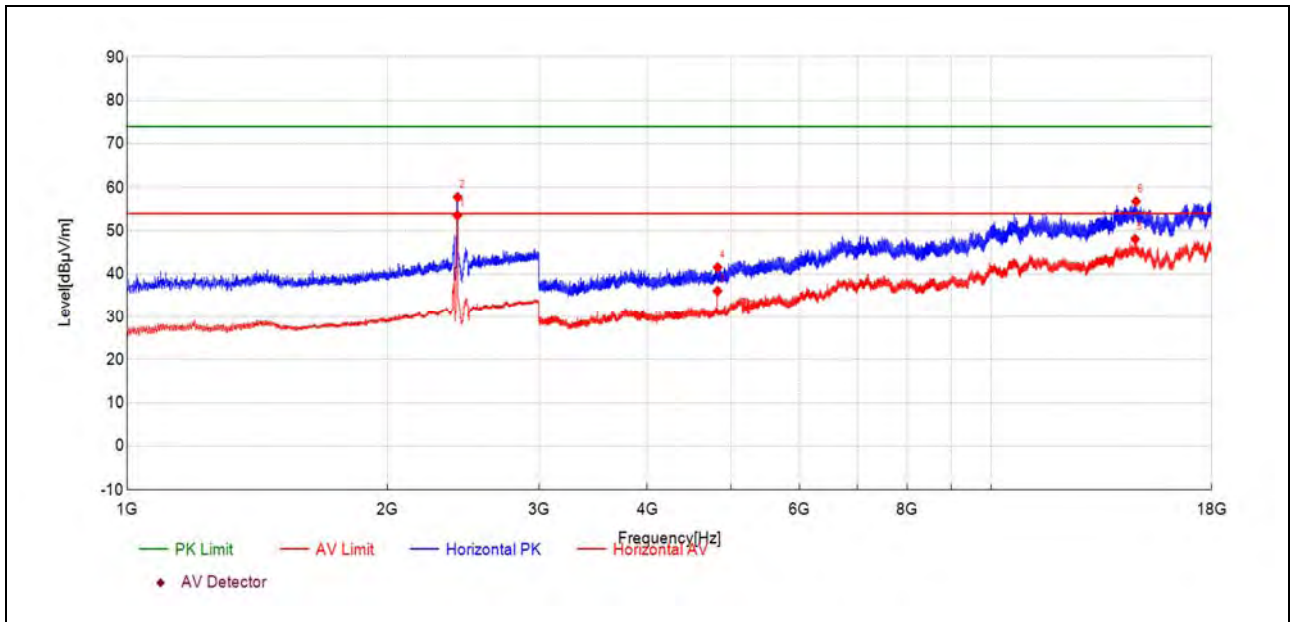
802.11b Mode

Plot for Channel 1



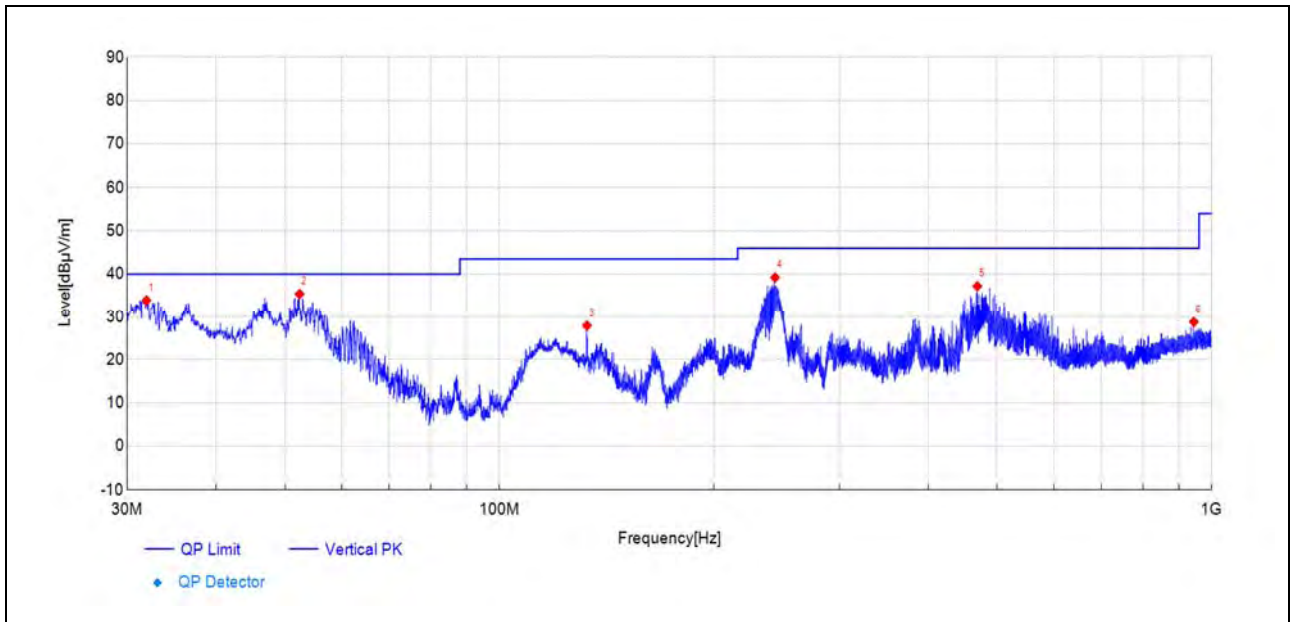
(Antenna Horizontal, 30MHz to 1GHz)

Freq. [MHz]	Reading [dBμV]	Level [dBμV/m]	Factor [dB/m]	Limit [dBμV/m]	Margin [dB]	Angle [°]	Detector	Polarity	Verdict
32.04	53.0	22.55	-30.480	40.00	17.45	119	PK	Horizontal	PASS
53.86	53.9	26.30	-27.590	40.00	13.70	27	PK	Horizontal	PASS
132.78	61.6	29.66	-31.940	43.50	13.84	124	PK	Horizontal	PASS
242.34	62.7	35.08	-27.660	46.00	10.92	335	PK	Horizontal	PASS
471.81	59.3	38.15	-21.110	46.00	7.85	351	PK	Horizontal	PASS
792.99	43.3	28.99	-14.350	46.00	17.01	130	PK	Horizontal	PASS



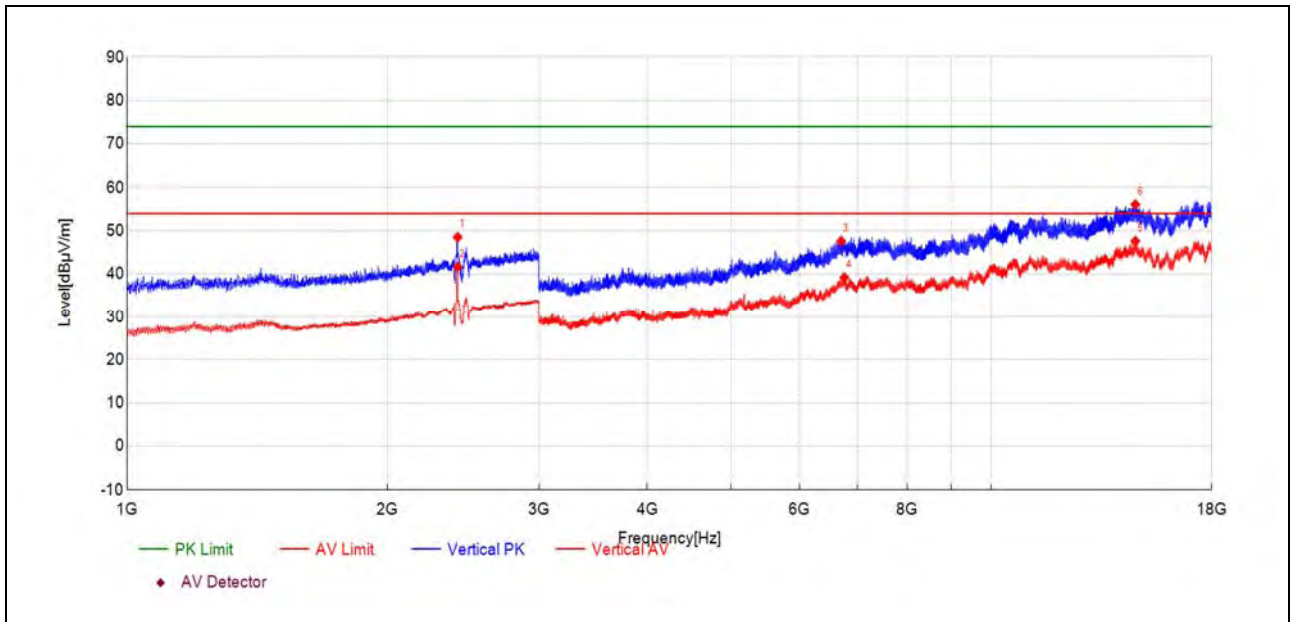
(Antenna Horizontal, 1GHz to 18GHz)

Freq. [MHz]	Reading [dBμV]	Level [dBμV/m]	Factor [dB/m]	Limit [dBμV/m]	Margin [dB]	Angle [°]	Detector	Polarity	Verdict
2411.48	48.2	53.58	5.390	-	-	144	AV	Horizontal	NA
2413.08	52.4	57.82	5.410	-	-	144	PK	Horizontal	NA
4824.48	41.1	36.07	-4.990	54.00	17.93	77	AV	Horizontal	PASS
4824.91	46.6	41.56	-4.990	74.00	32.44	360	PK	Horizontal	PASS
14678.91	27.6	48.10	20.540	54.00	5.90	50	AV	Horizontal	PASS
14711.48	36.3	56.82	20.500	74.00	17.18	170	PK	Horizontal	PASS



(Antenna Vertical, 30MHz to 1GHz)

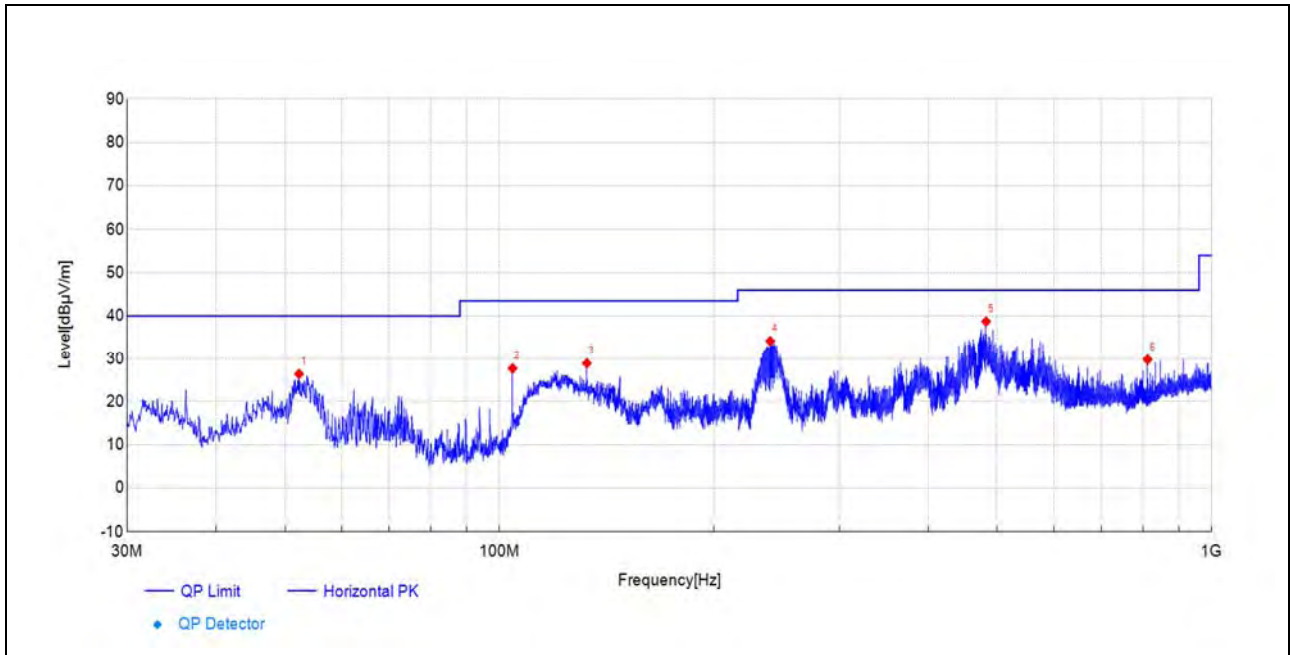
Freq. [MHz]	Reading [dBμV]	Level [dBμV/m]	Factor [dB/m]	Limit [dBμV/m]	Margin [dB]	Angle [°]	Detector	Polarity	Verdict
31.94	64.4	33.89	-30.490	40.00	6.11	242	PK	Vertical	PASS
52.41	63.3	35.37	-27.890	40.00	4.63	128	PK	Vertical	PASS
132.73	59.9	27.90	-31.960	43.50	15.60	185	PK	Vertical	PASS
243.75	66.8	39.22	-27.540	46.00	6.78	56	PK	Vertical	PASS
468.70	58.6	37.19	-21.410	46.00	8.81	81	PK	Vertical	PASS
943.74	40.1	28.74	-11.310	46.00	17.26	46	PK	Vertical	PASS



(Antenna Vertical, 1GHz to 18GHz)

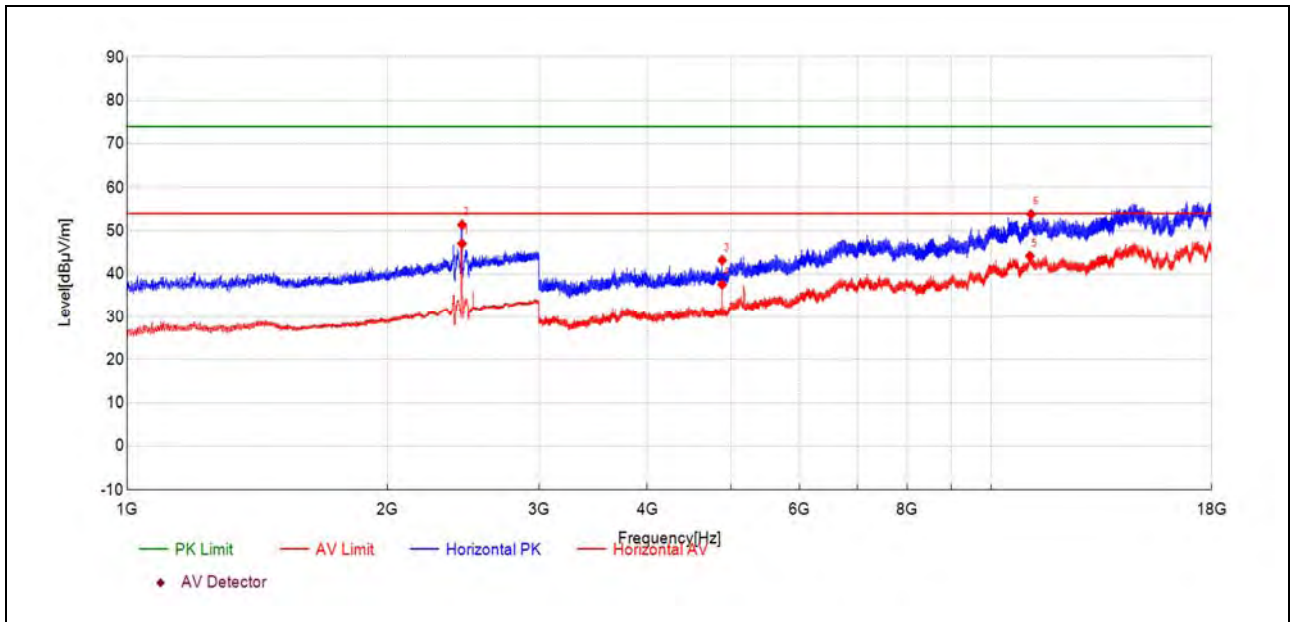
Freq. [MHz]	Reading [dBμV]	Level [dBμV/m]	Factor [dB/m]	Limit [dBμV/m]	Margin [dB]	Angle [°]	Detector	Polarity	Verdict
2413.48	43.1	48.55	5.420	-	-	220	PK	Vertical	NA
2413.48	36.3	41.69	5.420	-	-	208	AV	Vertical	NA
6706.39	43.6	47.64	4.030	74.00	26.36	360	PK	Vertical	PASS
6763.82	35.2	39.21	4.020	54.00	14.79	303	AV	Vertical	PASS
14683.19	27.1	47.63	20.560	54.00	6.37	208	AV	Vertical	PASS
14686.62	35.6	56.11	20.560	74.00	17.89	196	PK	Vertical	PASS

Plot for Channel 7



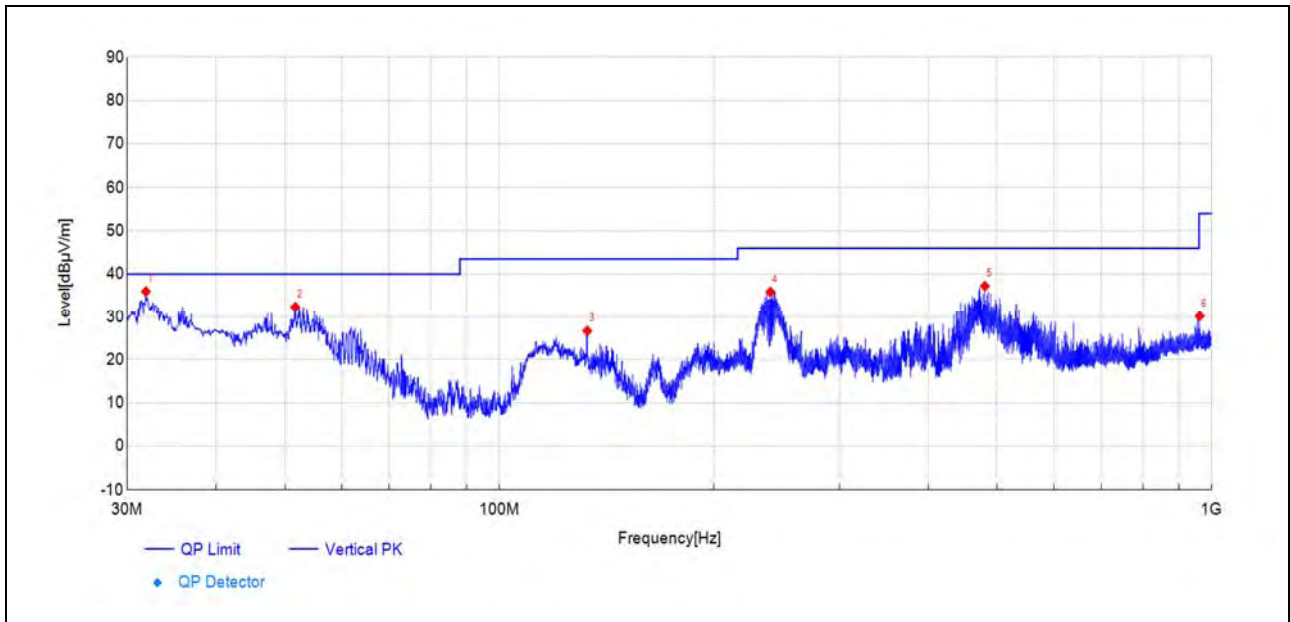
(Antenna Horizontal, 30MHz to 1GHz)

Freq. [MHz]	Reading [dBμV]	Level [dBμV/m]	Factor [dB/m]	Limit [dBμV/m]	Margin [dB]	Angle [°]	Detector	Polarity	Verdict
52.31	54.3	26.39	-27.910	40.00	13.61	351	PK	Horizontal	PASS
104.35	57.2	27.69	-29.490	43.50	15.81	304	PK	Horizontal	PASS
132.68	60.9	28.88	-31.980	43.50	14.62	108	PK	Horizontal	PASS
239.97	62.0	34.12	-27.870	46.00	11.88	346	PK	Horizontal	PASS
482.24	59.6	38.72	-20.840	46.00	7.28	346	PK	Horizontal	PASS
812.88	44.8	29.74	-15.100	46.00	16.26	2	PK	Horizontal	PASS



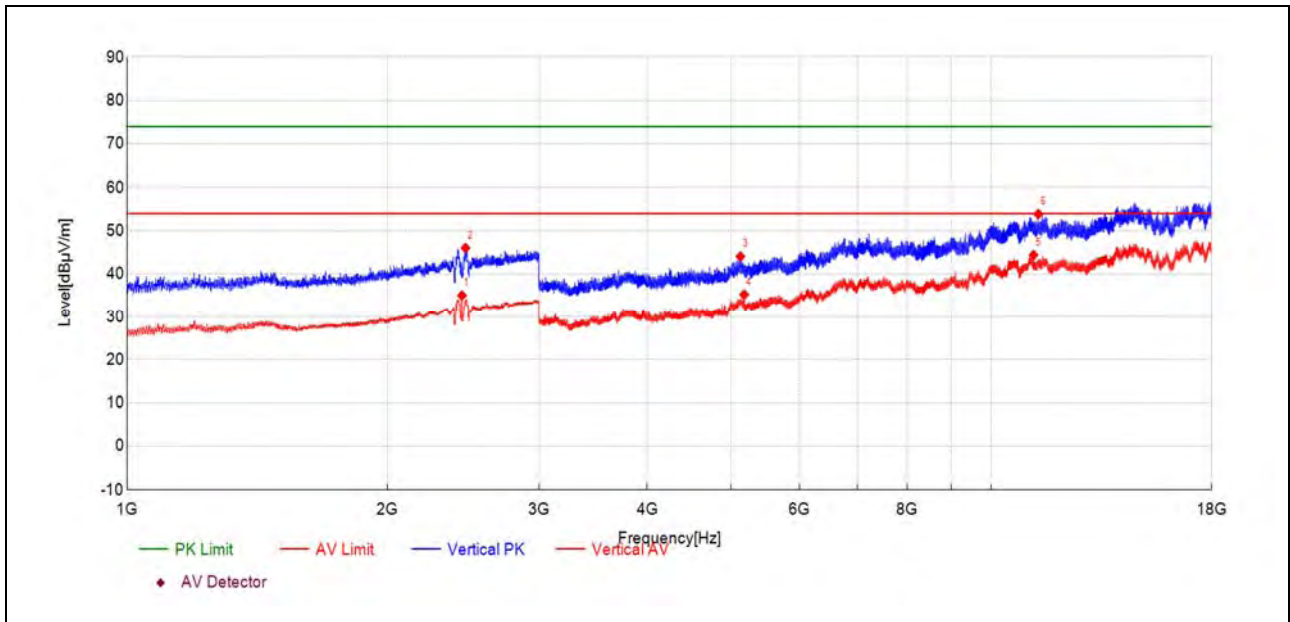
(Antenna Horizontal, 1GHz to 18GHz)

Freq. [MHz]	Reading [dBμV]	Level [dBμV/m]	Factor [dB/m]	Limit [dBμV/m]	Margin [dB]	Angle [°]	Detector	Polarity	Verdict
2441.49	41.2	47.04	5.840	-	-	149	AV	Horizontal	NA
2441.89	45.6	51.42	5.850	-	-	149	PK	Horizontal	NA
4884.05	48.2	43.22	-5.020	74.00	30.78	24	PK	Horizontal	PASS
4884.48	42.6	37.58	-5.030	54.00	16.42	49	AV	Horizontal	PASS
11089.09	30.2	44.18	13.940	54.00	9.82	264	AV	Horizontal	PASS
11122.52	39.9	53.87	13.950	74.00	20.13	36	PK	Horizontal	PASS



(Antenna Vertical, 30MHz to 1GHz)

Freq. [MHz]	Reading [dBμV]	Level [dBμV/m]	Factor [dB/m]	Limit [dBμV/m]	Margin [dB]	Angle [°]	Detector	Polarity	Verdict
31.89	66.5	35.96	-30.510	40.00	4.04	156	PK	Vertical	PASS
51.68	60.3	32.33	-28.000	40.00	7.67	36	PK	Vertical	PASS
132.83	58.6	26.67	-31.920	43.50	16.83	140	PK	Vertical	PASS
240.06	63.7	35.85	-27.860	46.00	10.15	171	PK	Vertical	PASS
480.35	58.4	37.22	-21.130	46.00	8.78	93	PK	Vertical	PASS
961.93	41.3	30.12	-11.190	54.00	23.88	40	PK	Vertical	PASS

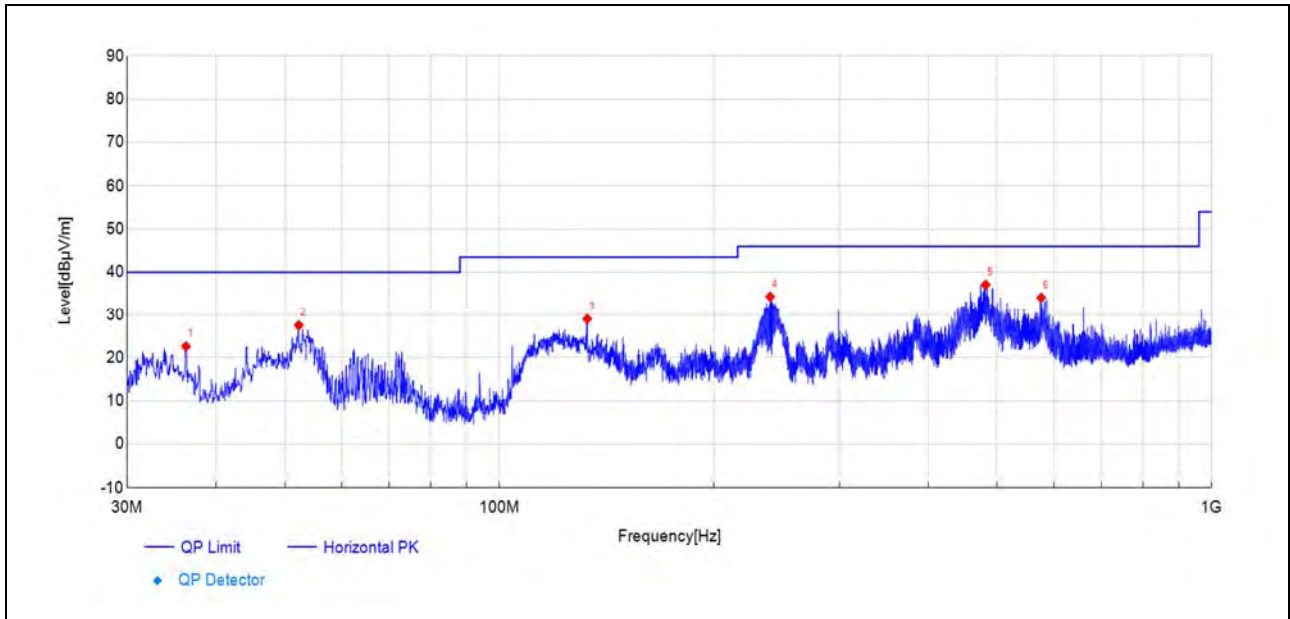


(Antenna Vertical, 1GHz to 18GHz)

Freq. [MHz]	Reading [dBμV]	Level [dBμV/m]	Factor [dB/m]	Limit [dBμV/m]	Margin [dB]	Angle [°]	Detector	Polarity	Verdict
2441.49	29.2	35.03	5.840	-	-	221	AV	Vertical	NA
2464.69	40.1	46.05	5.930	74.00	27.95	312	PK	Vertical	PASS
5126.63	47.0	44.07	-2.920	74.00	29.93	76	PK	Vertical	PASS
5177.63	38.4	35.24	-3.150	54.00	18.76	129	AV	Vertical	PASS
11197.52	30.9	44.43	13.490	54.00	9.57	356	AV	Vertical	PASS
11338.10	40.5	53.90	13.400	74.00	20.10	143	PK	Vertical	PASS

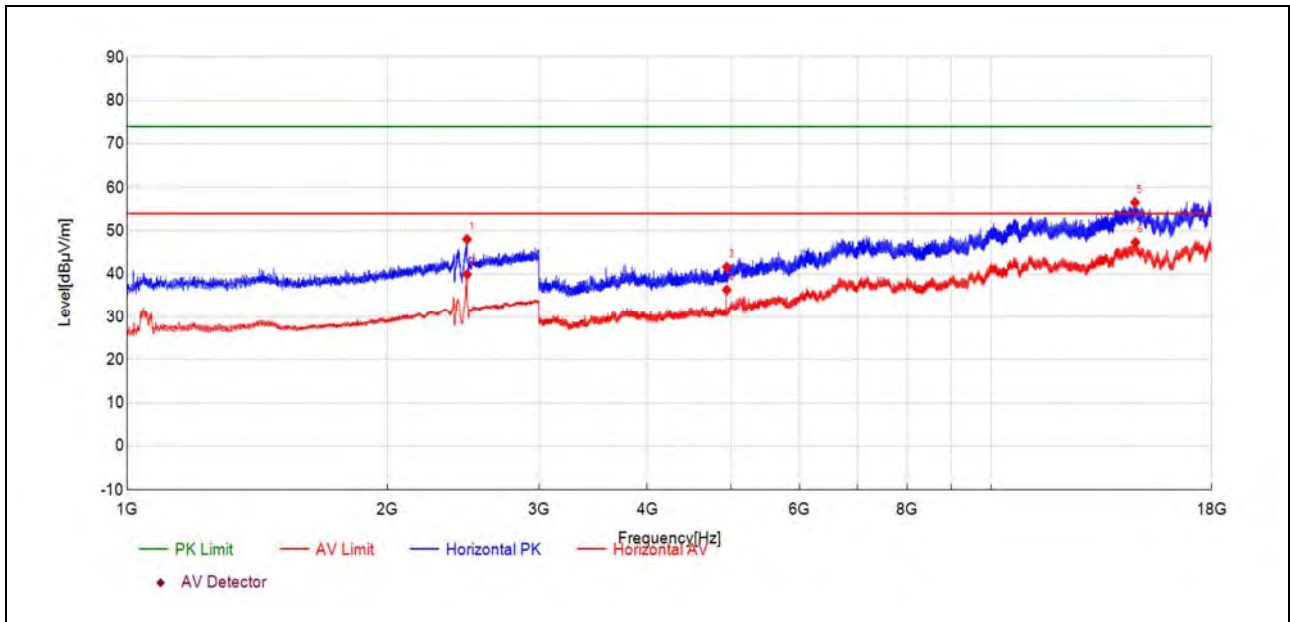


Plot for Channel 13



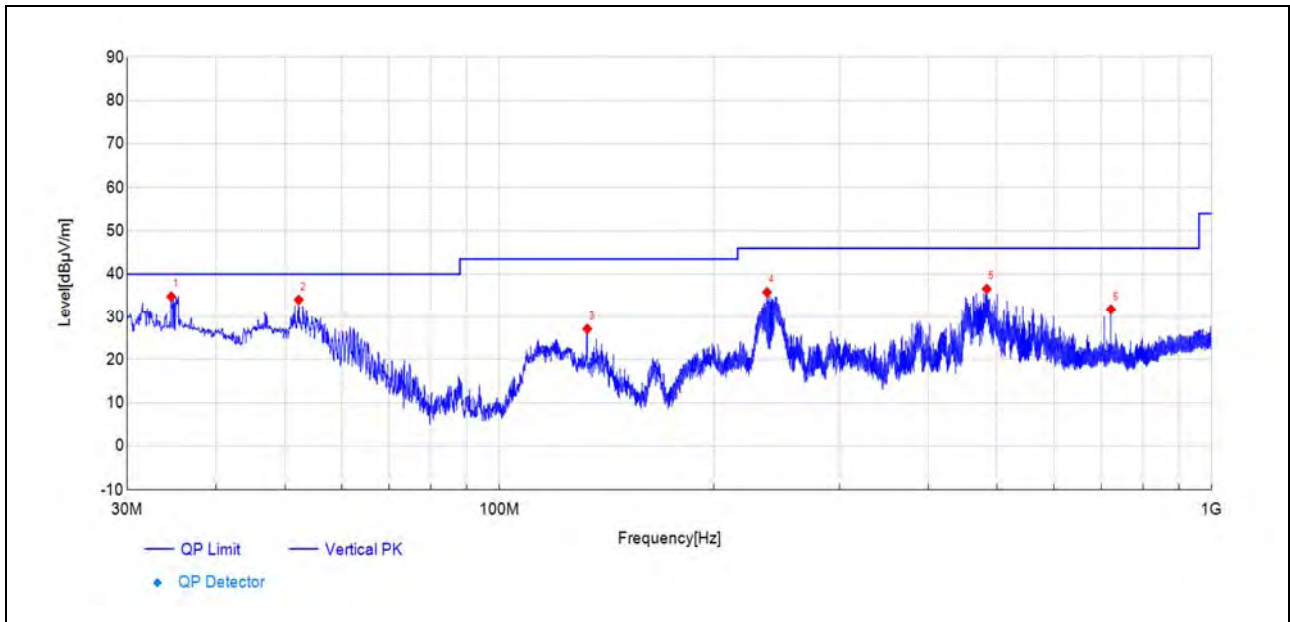
(Antenna Horizontal, 30MHz to 1GHz)

Freq. [MHz]	Reading [dBμV]	Level [dBμV/m]	Factor [dB/m]	Limit [dBμV/m]	Margin [dB]	Angle [°]	Detector	Polarity	Verdict
36.31	52.1	22.58	-29.500	40.00	17.42	336	PK	Horizontal	PASS
52.26	55.4	27.46	-27.920	40.00	12.54	26	PK	Horizontal	PASS
132.78	60.9	28.96	-31.940	43.50	14.54	114	PK	Horizontal	PASS
239.92	62.2	34.30	-27.870	46.00	11.70	314	PK	Horizontal	PASS
481.46	58.0	37.06	-20.970	46.00	8.94	1	PK	Horizontal	PASS
576.23	52.1	34.06	-18.030	46.00	11.94	2	PK	Horizontal	PASS



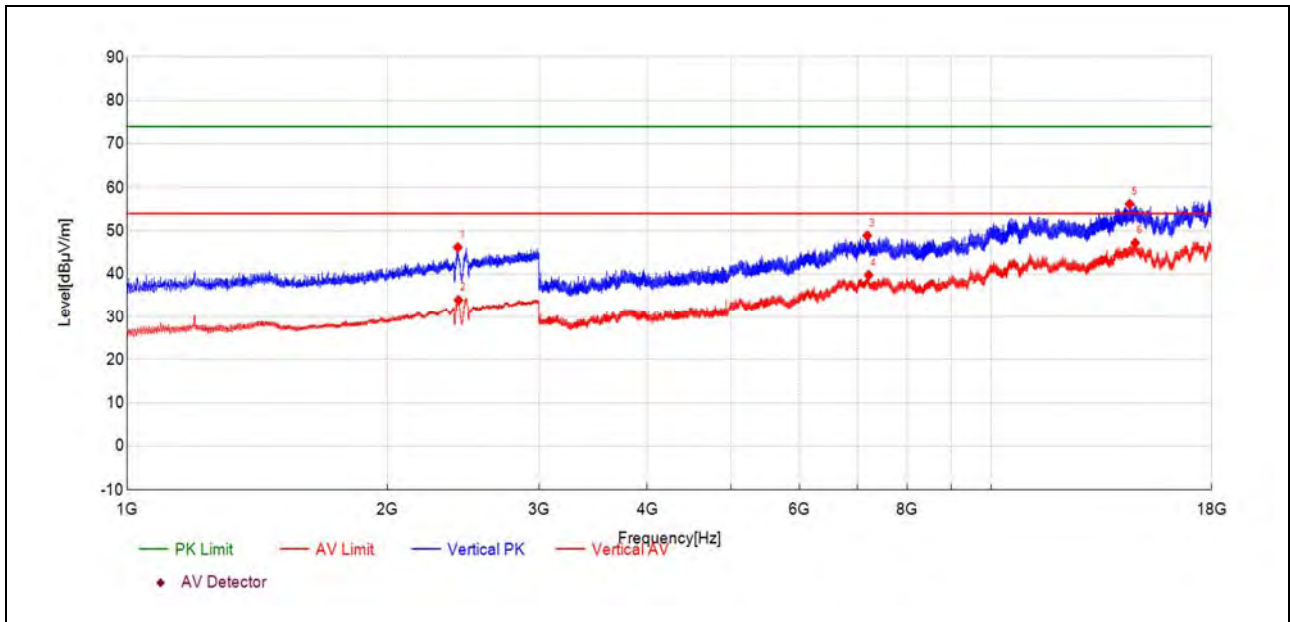
(Antenna Horizontal, 1GHz to 18GHz)

Freq. [MHz]	Reading [dBμV]	Level [dBμV/m]	Factor [dB/m]	Limit [dBμV/m]	Margin [dB]	Angle [°]	Detector	Polarity	Verdict
2474.69	42.2	48.08	5.900	-	-	160	PK	Horizontal	NA
2474.69	34.1	39.98	5.900	-	-	144	AV	Horizontal	NA
4944.48	46.5	41.66	-4.850	74.00	32.34	76	PK	Horizontal	PASS
4944.48	41.2	36.32	-4.850	54.00	17.68	76	AV	Horizontal	PASS
14671.19	36.0	56.55	20.530	74.00	17.45	198	PK	Horizontal	PASS
14690.05	26.8	47.35	20.570	54.00	6.65	356	AV	Horizontal	PASS



(Antenna Vertical, 30MHz to 1GHz)

Freq. [MHz]	Reading [dBμV]	Level [dBμV/m]	Factor [dB/m]	Limit [dBμV/m]	Margin [dB]	Angle [°]	Detector	Polarity	Verdict
34.61	64.7	34.80	-29.940	40.00	5.20	342	PK	Vertical	PASS
52.26	61.9	34.01	-27.920	40.00	5.99	185	PK	Vertical	PASS
132.83	59.1	27.13	-31.920	43.50	16.37	170	PK	Vertical	PASS
237.49	63.7	35.79	-27.900	46.00	10.21	149	PK	Vertical	PASS
483.21	57.2	36.55	-20.690	46.00	9.45	61	PK	Vertical	PASS
722.03	47.3	31.73	-15.570	46.00	14.27	347	PK	Vertical	PASS



(Antenna Vertical, 1GHz to 18GHz)

Freq. [MHz]	Reading [dBμV]	Level [dBμV/m]	Factor [dB/m]	Limit [dBμV/m]	Margin [dB]	Angle [°]	Detector	Polarity	Verdict
2414.28	40.8	46.20	5.430	74.00	27.80	198	PK	Vertical	PASS
2418.68	28.5	33.95	5.500	54.00	20.05	138	AV	Vertical	PASS
7188.12	43.9	48.90	4.990	74.00	25.10	226	PK	Vertical	PASS
7216.41	34.9	39.77	4.870	54.00	14.23	210	AV	Vertical	PASS
14465.90	36.8	56.20	19.420	74.00	17.80	332	PK	Vertical	PASS
14677.62	26.7	47.22	20.540	54.00	6.78	118	AV	Vertical	PASS

END OF REPORT