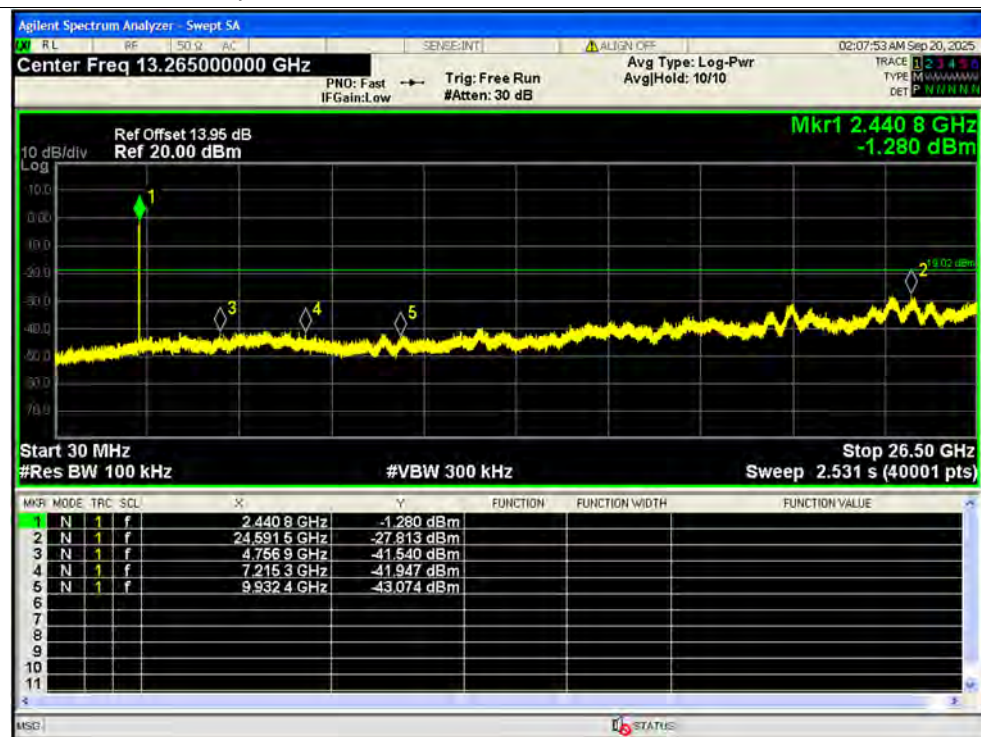


Tx. Spurious NVNT n20 2437MHz Ant1 Ref SISO



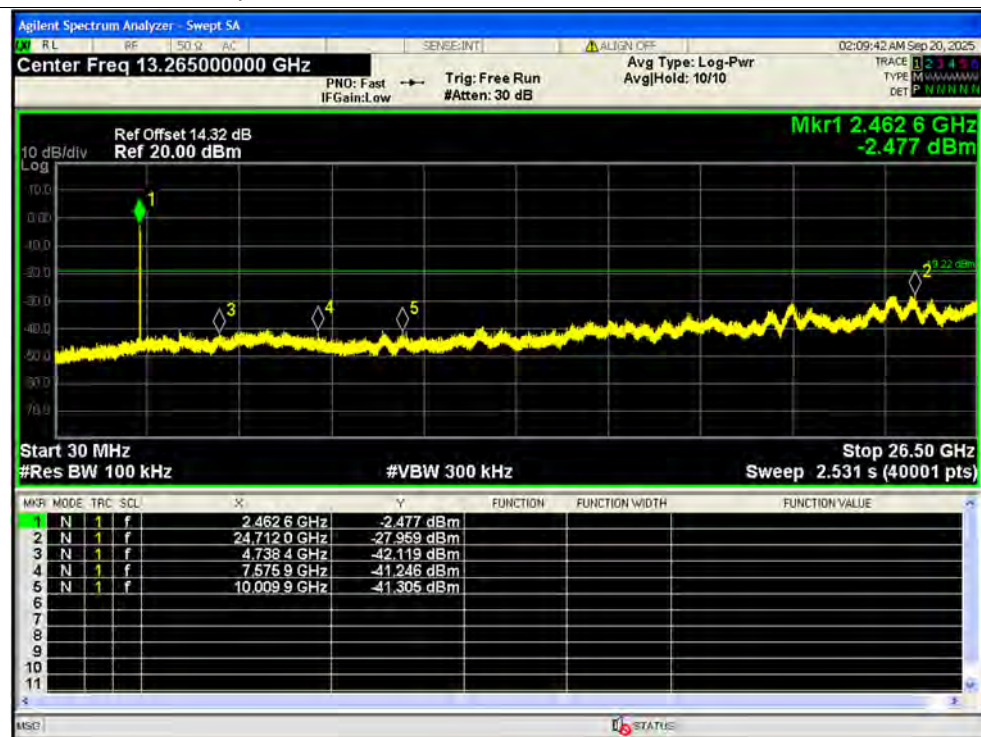
Tx. Spurious NVNT n20 2437MHz Ant1 Emission SISO



Tx. Spurious NVNT n20 2462MHz Ant1 Ref SISO



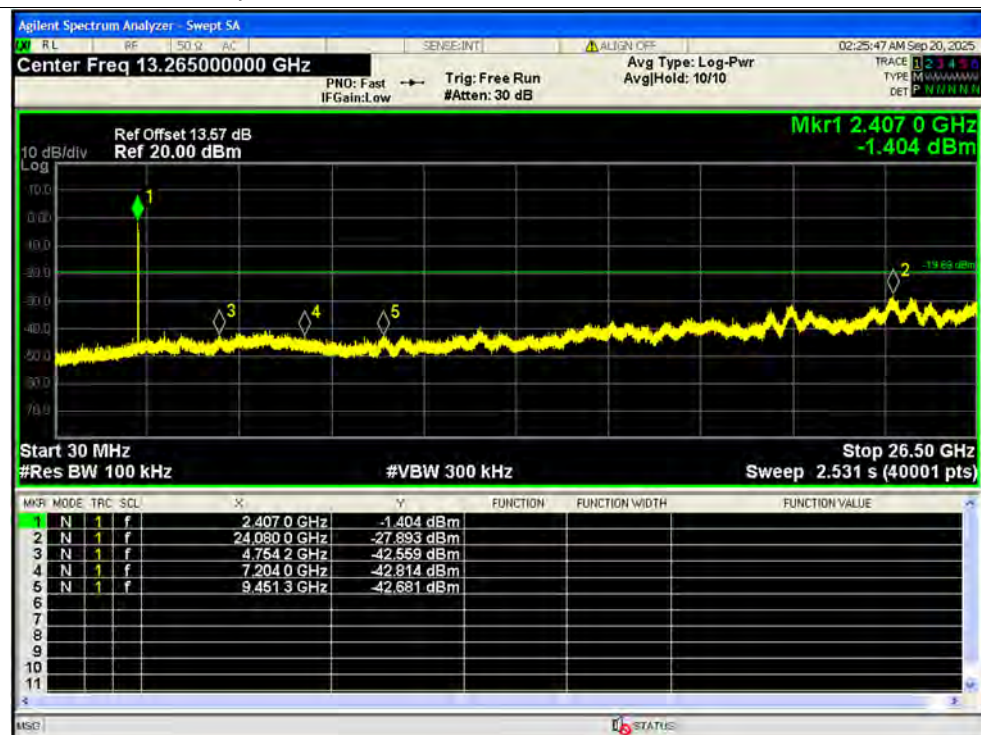
Tx. Spurious NVNT n20 2462MHz Ant1 Emission SISO



Tx. Spurious NVNT n20 2412MHz Ant2 Ref SISO



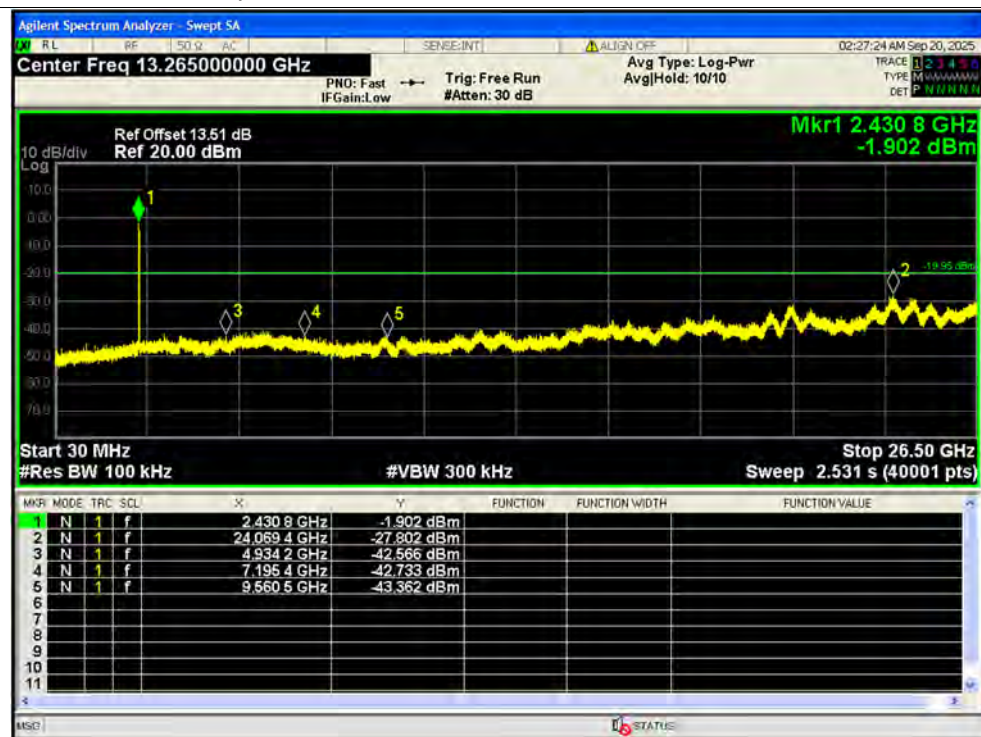
Tx. Spurious NVNT n20 2412MHz Ant2 Emission SISO



Tx. Spurious NVNT n20 2437MHz Ant2 Ref SISO



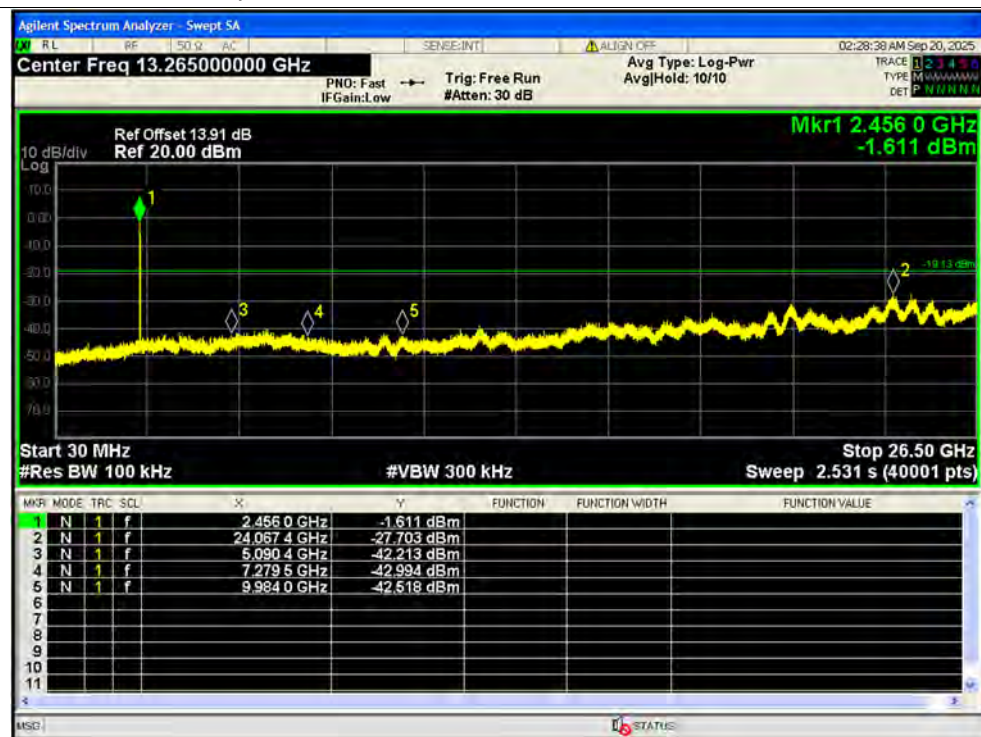
Tx. Spurious NVNT n20 2437MHz Ant2 Emission SISO



Tx. Spurious NVNT n20 2462MHz Ant2 Ref SISO



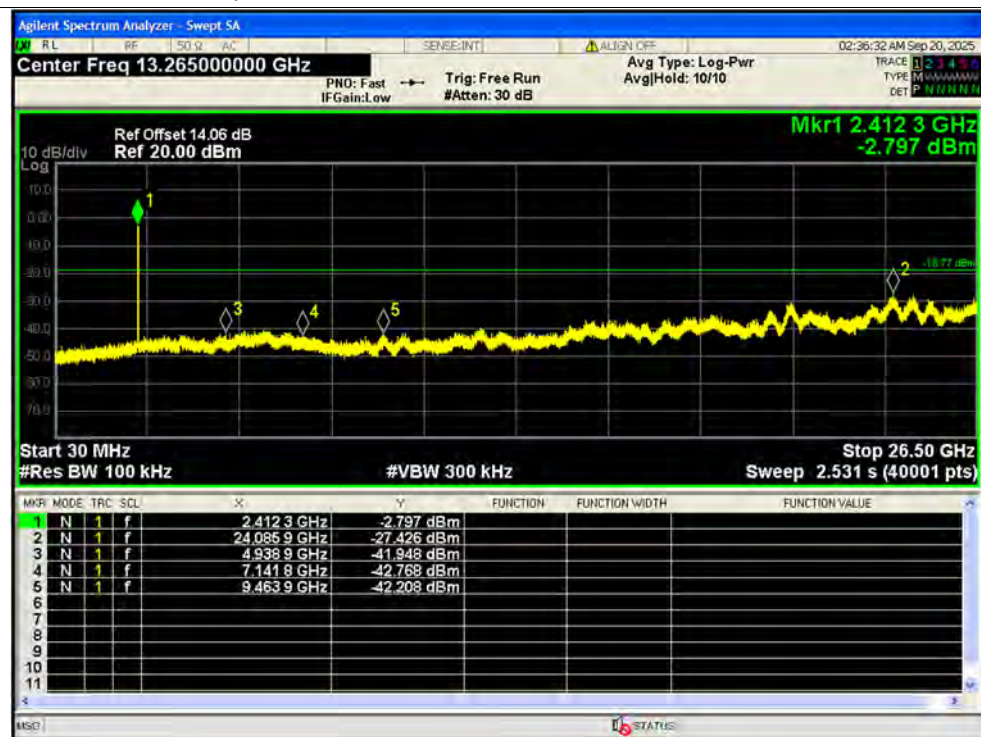
Tx. Spurious NVNT n20 2462MHz Ant2 Emission SISO



Tx. Spurious NVNT n20 2412MHz Ant1 Ref MIMO



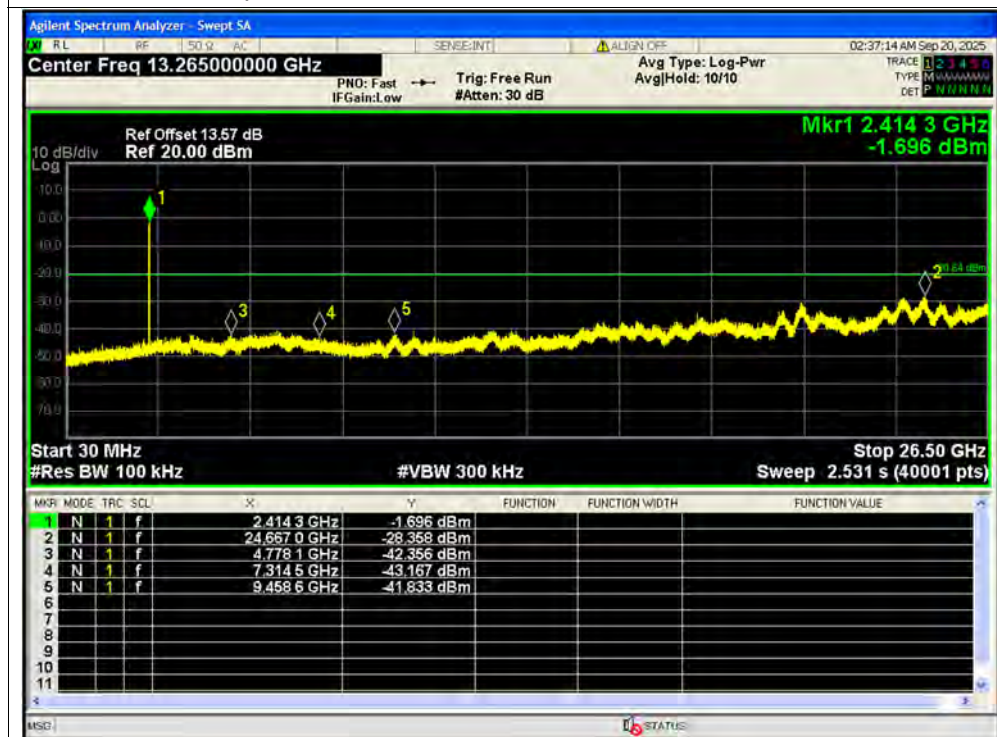
Tx. Spurious NVNT n20 2412MHz Ant1 Emission MIMO



Tx. Spurious NVNT n20 2412MHz Ant2 Ref MIMO



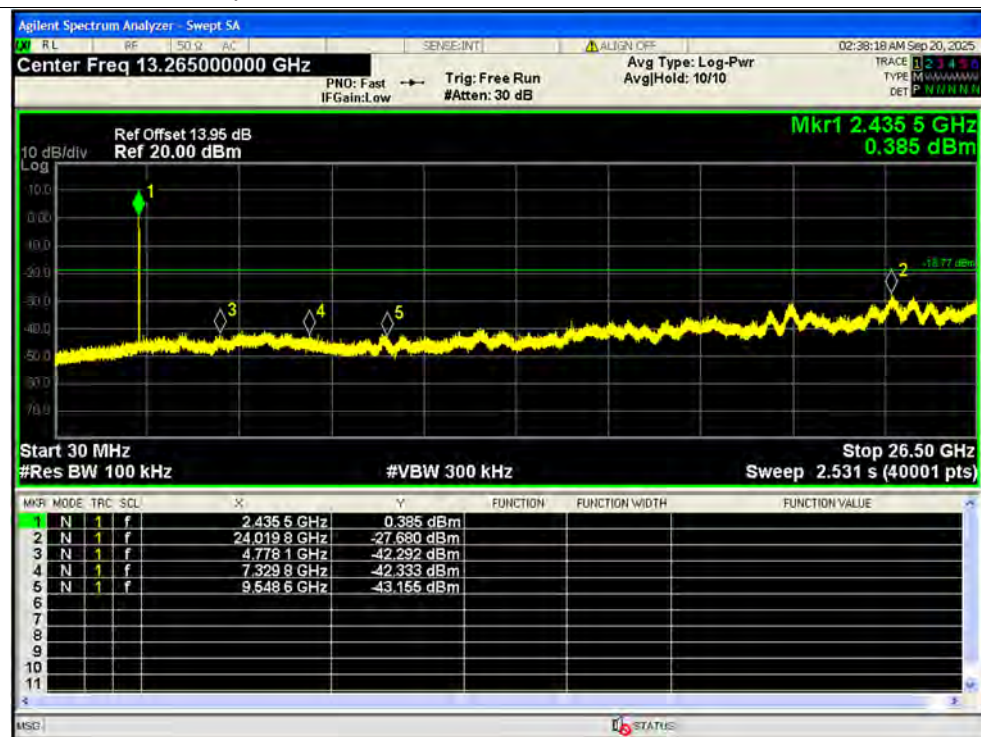
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Tx. Spurious NVNT n20 2437MHz Ant1 Ref MIMO



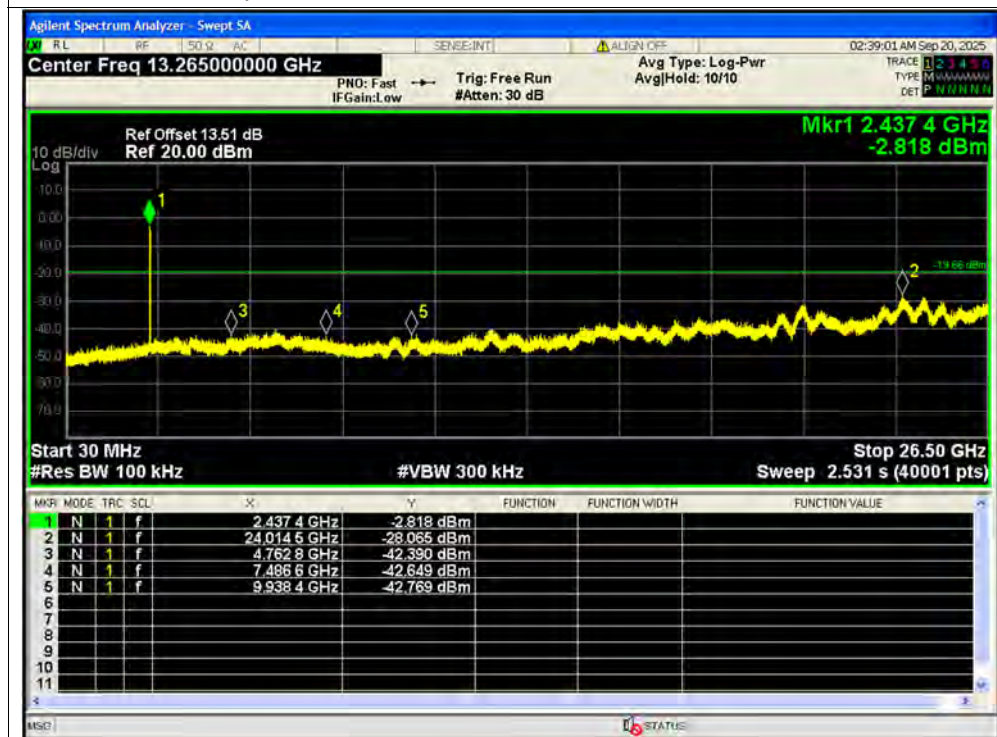
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Tx. Spurious NVNT n20 2437MHz Ant2 Ref MIMO



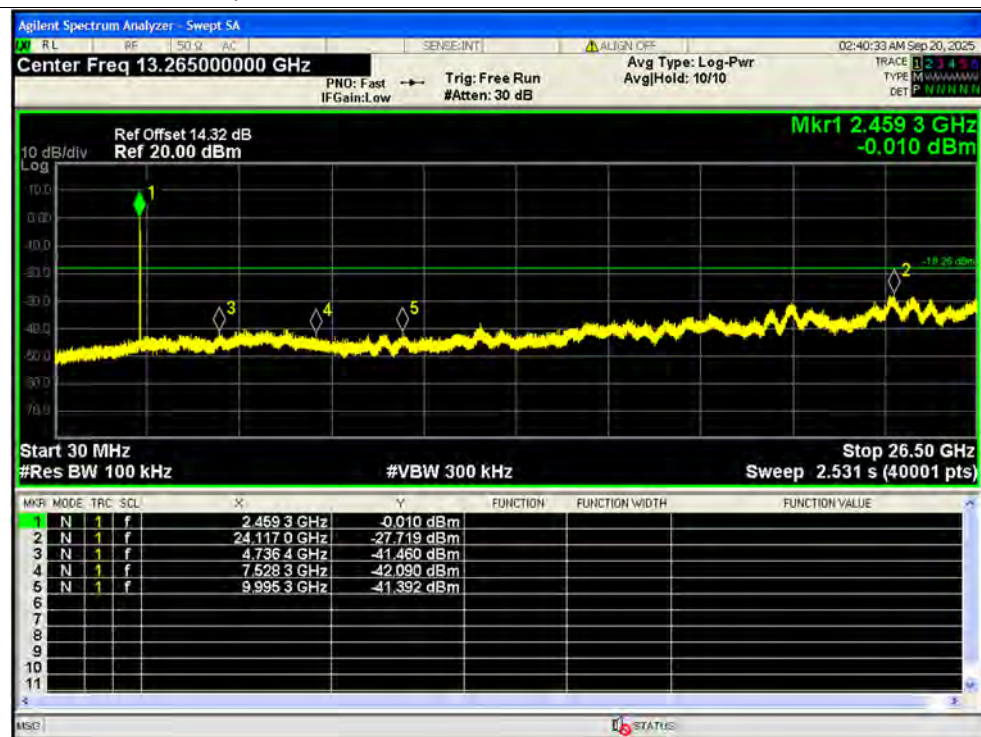
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Tx. Spurious NVNT n20 2462MHz Ant1 Ref MIMO



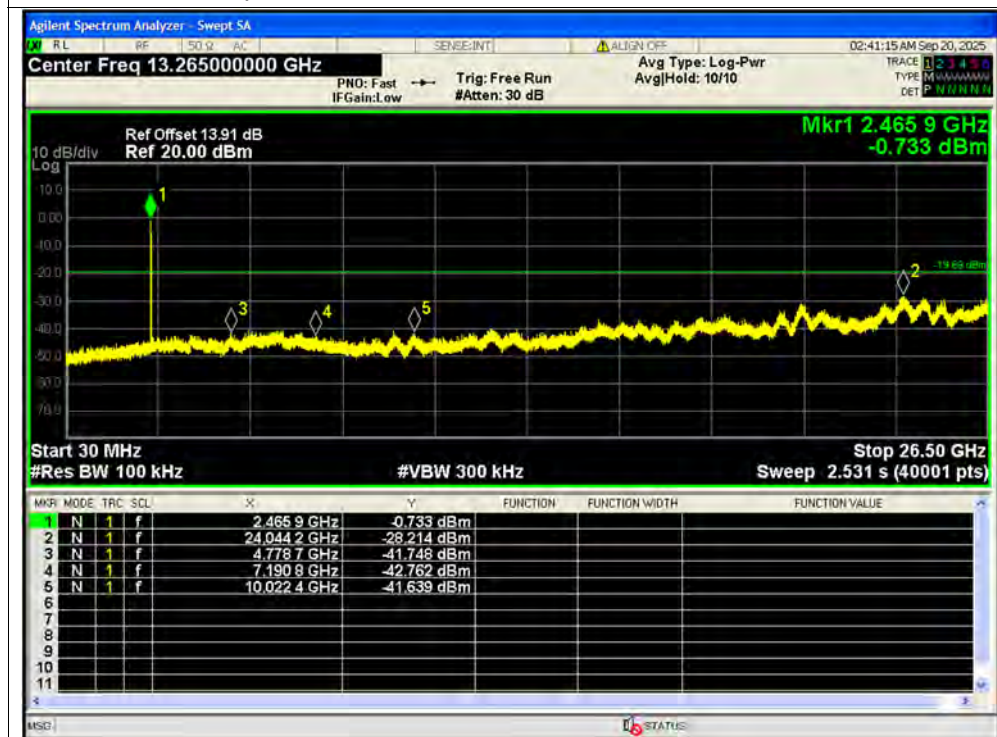
Tx. Spurious NVNT n20 2462MHz Ant1 Emission MIMO



Tx. Spurious NVNT n20 2462MHz Ant2 Ref MIMO



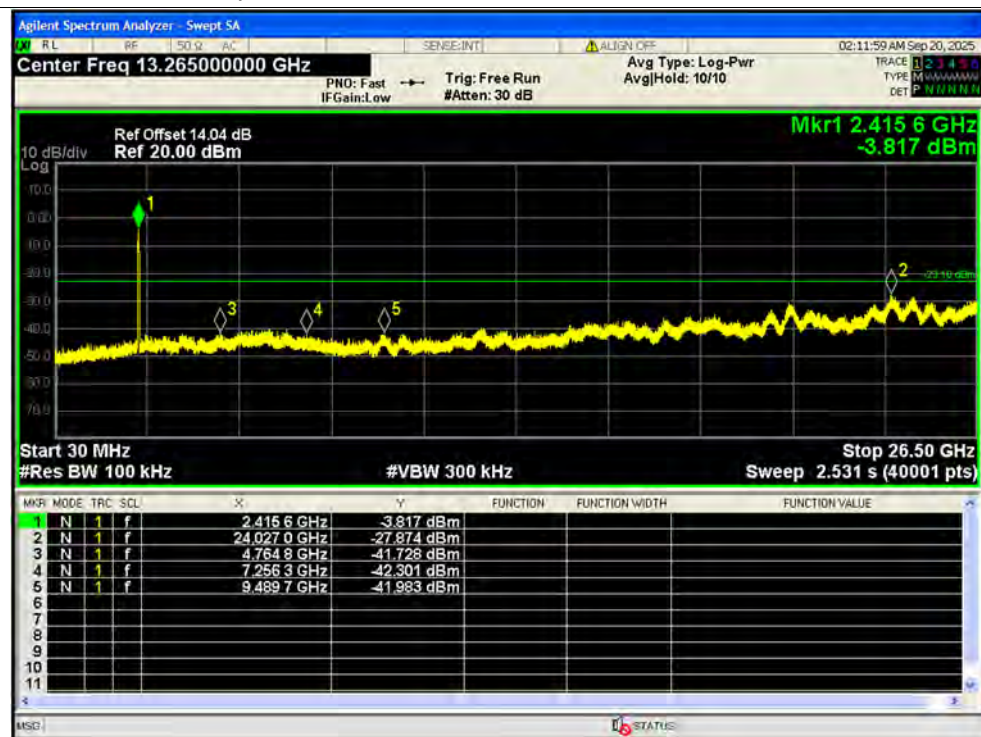
Tx. Spurious NVNT n20 2462MHz Ant2 Emission MIMO



Tx. Spurious NVNT n40 2422MHz Ant1 Ref SISO



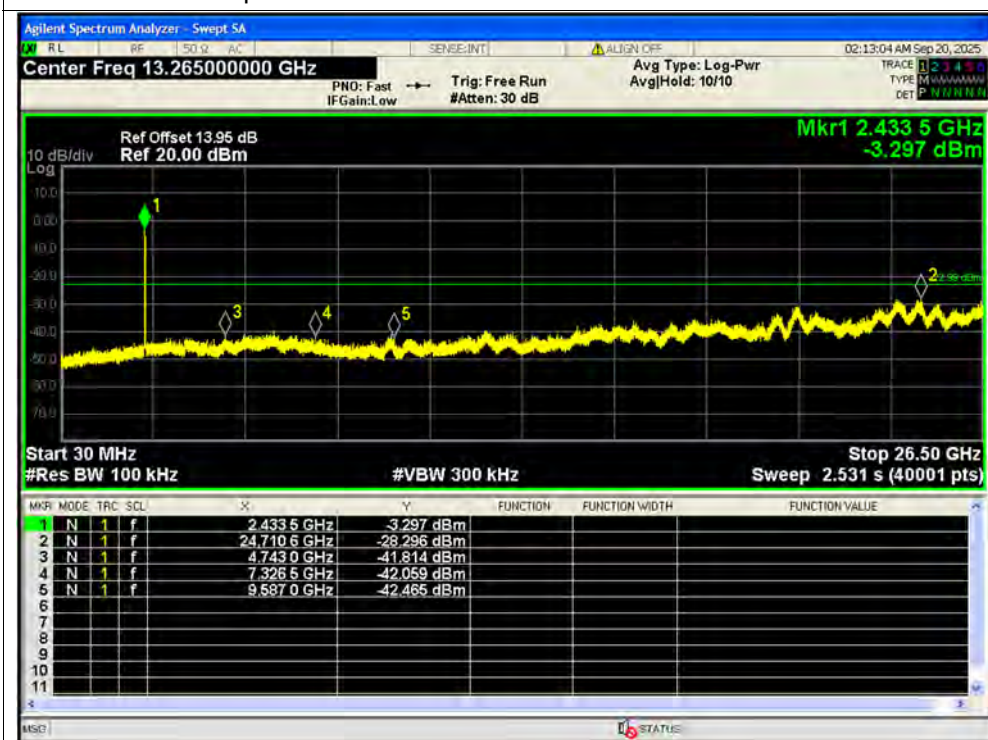
Tx. Spurious NVNT n40 2422MHz Ant1 Emission SISO



Tx. Spurious NVNT n40 2437MHz Ant1 Ref SISO



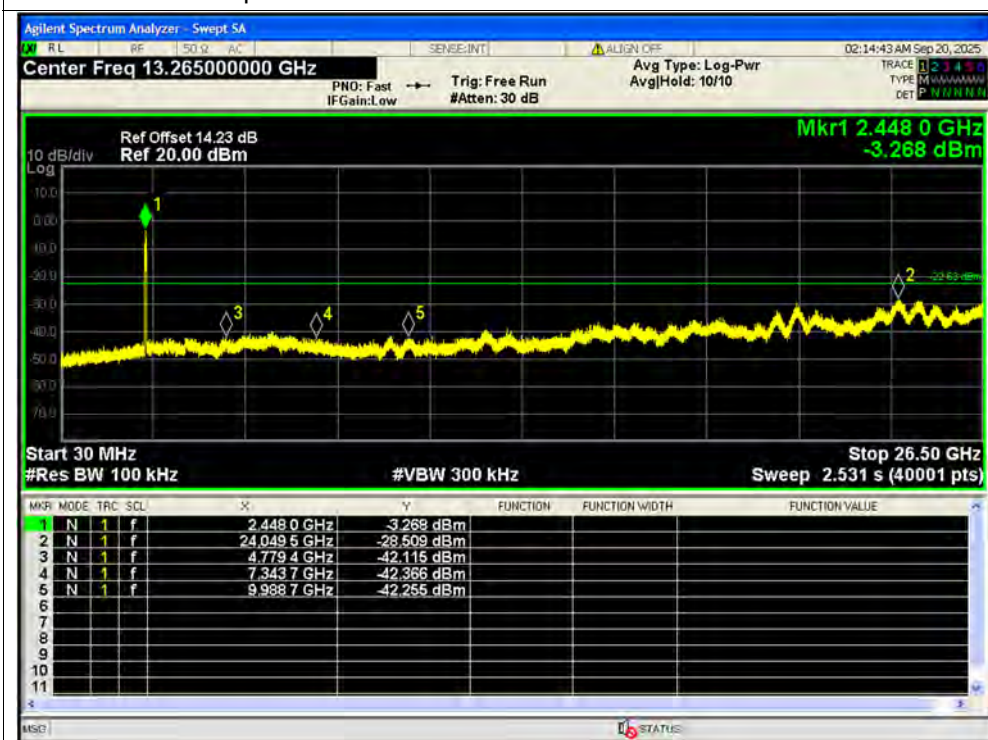
Tx. Spurious NVNT n40 2437MHz Ant1 Emission SISO



Tx. Spurious NVNT n40 2452MHz Ant1 Ref SISO



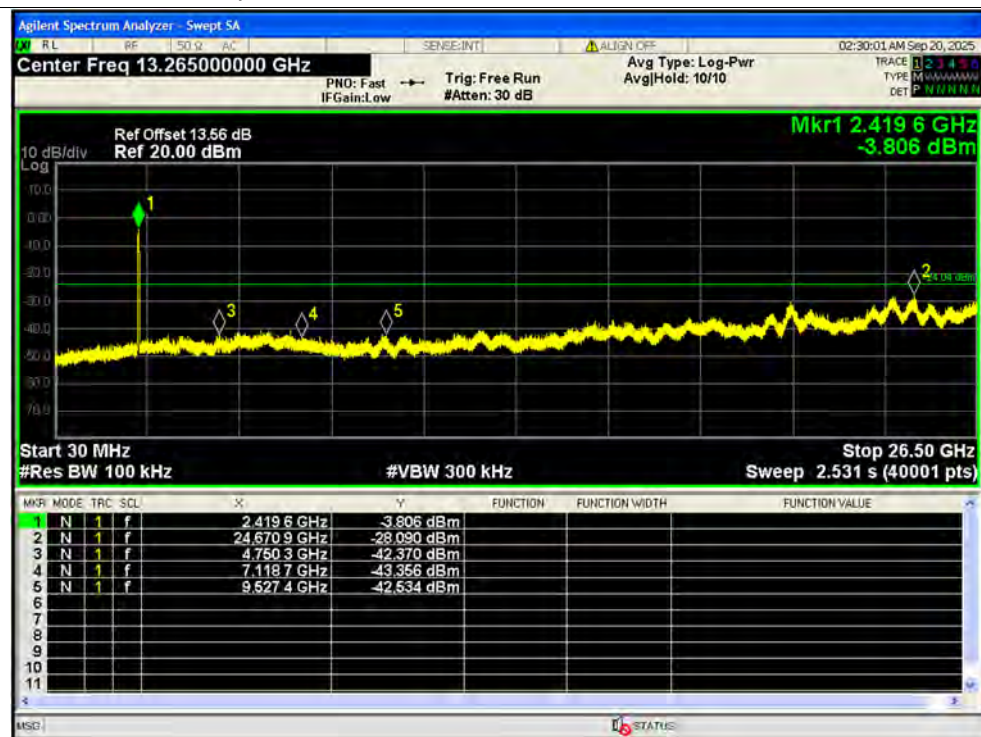
Tx. Spurious NVNT n40 2452MHz Ant1 Emission SISO



Tx. Spurious NVNT n40 2422MHz Ant2 Ref SISO



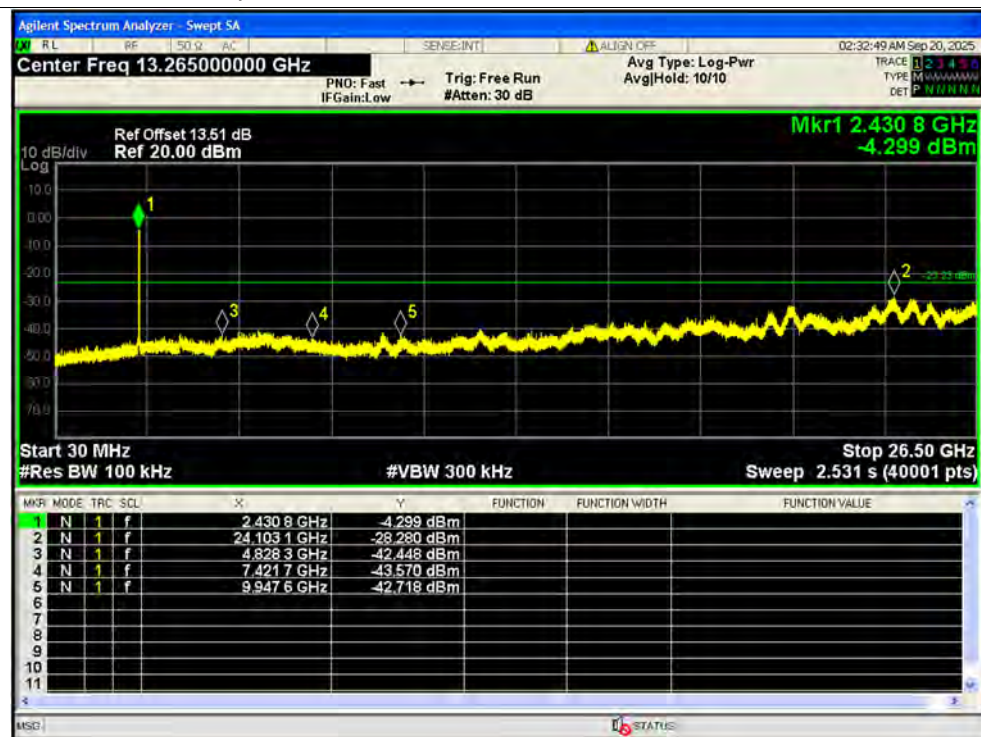
Tx. Spurious NVNT n40 2422MHz Ant2 Emission SISO



Tx. Spurious NVNT n40 2437MHz Ant2 Ref SISO



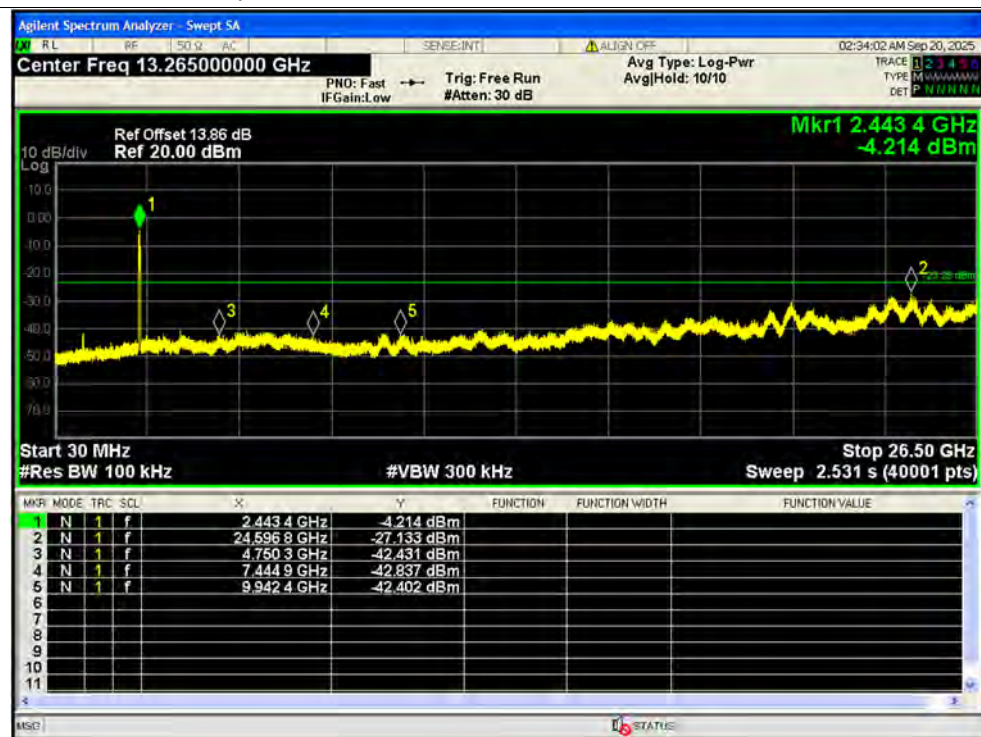
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Tx. Spurious NVNT n40 2452MHz Ant2 Ref SISO



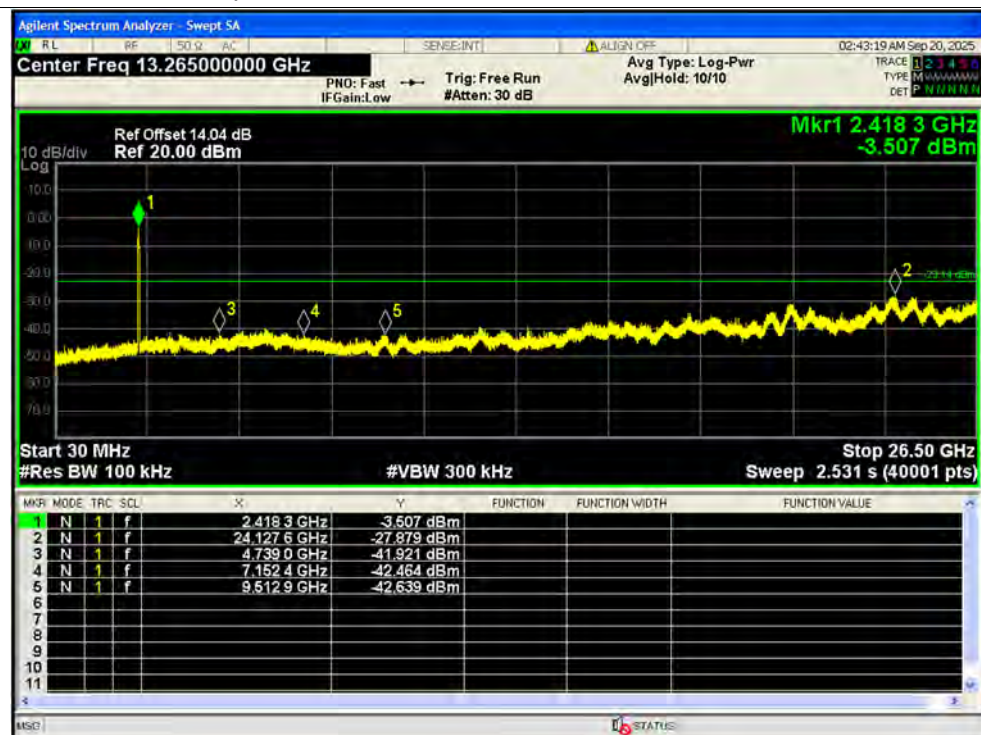
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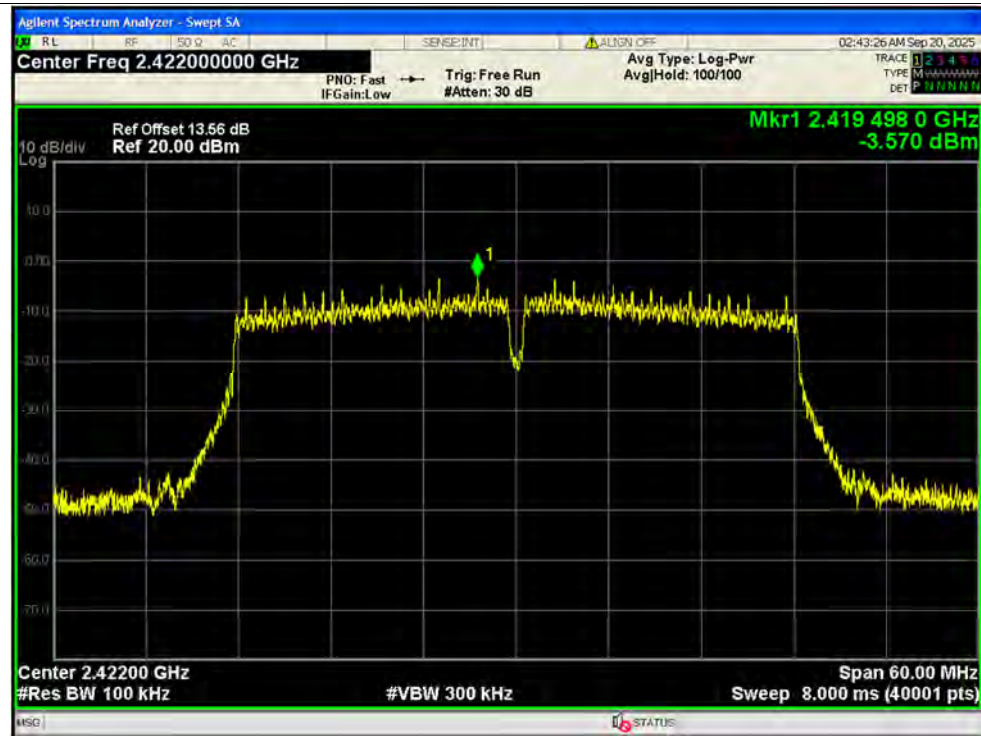
Tx. Spurious NVNT n40 2422MHz Ant1 Ref MIMO



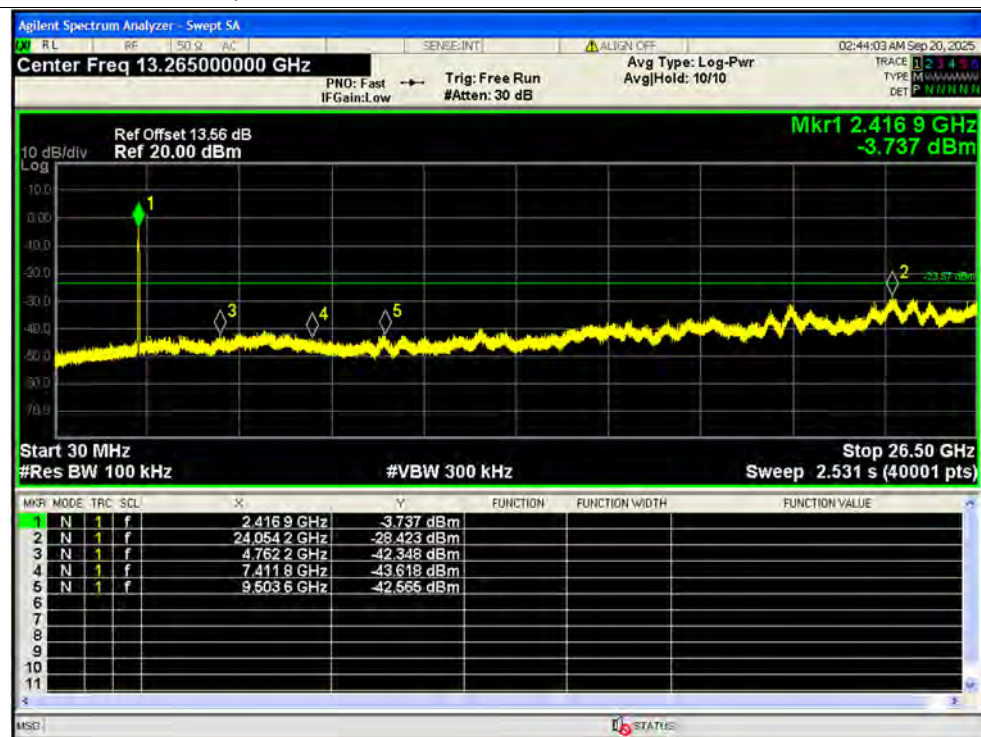
Tx. Spurious NVNT n40 2422MHz Ant1 Emission MIMO



Tx. Spurious NVNT n40 2422MHz Ant2 Ref MIMO



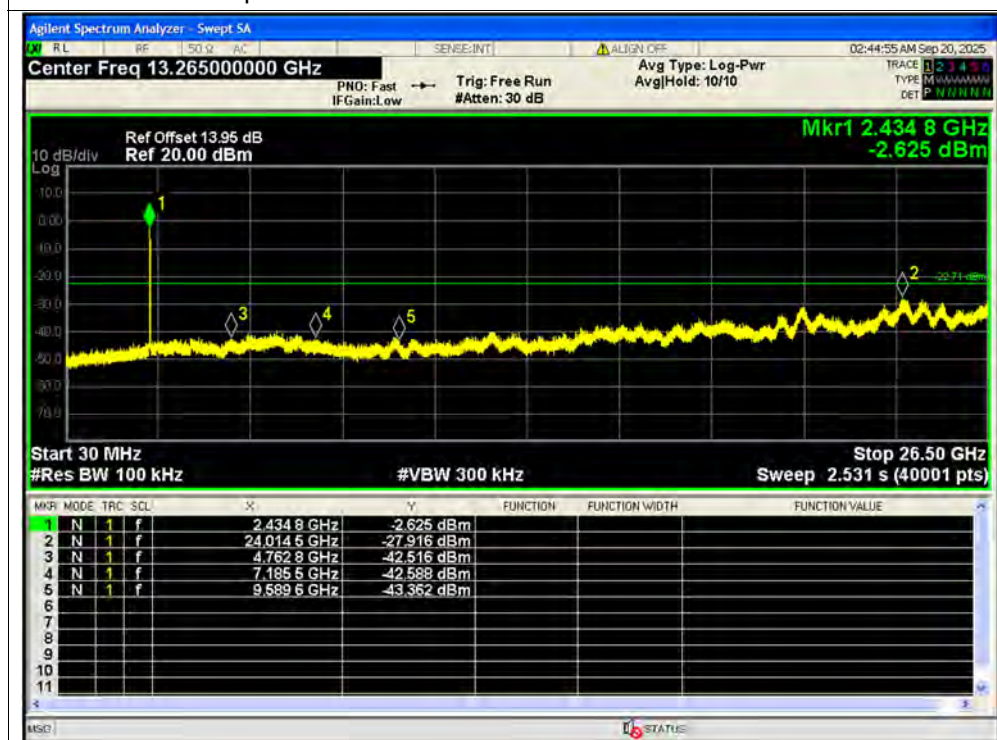
Tx. Spurious NVNT n40 2422MHz Ant2 Emission MIMO



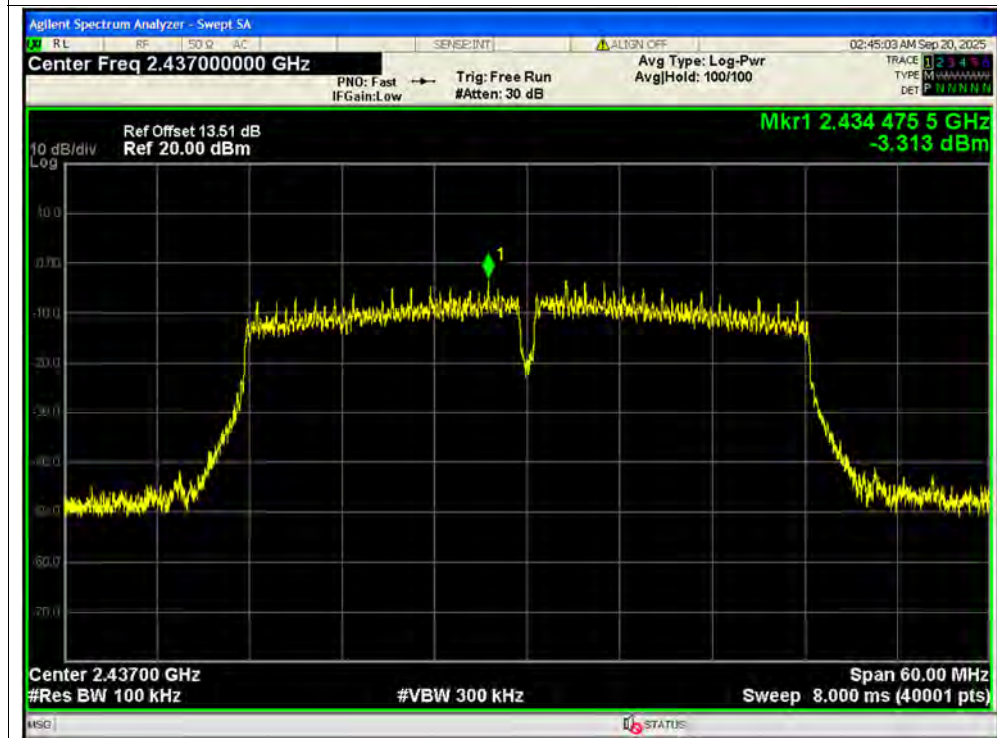
Tx. Spurious NVNT n40 2437MHz Ant1 Ref MIMO



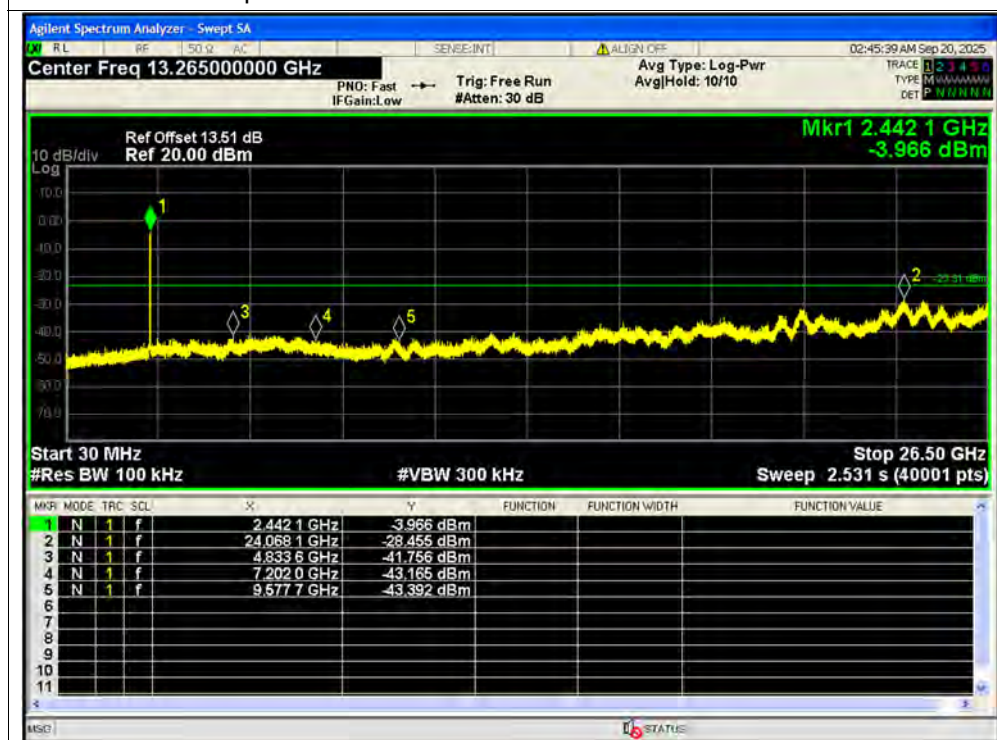
Tx. Spurious NVNT n40 2437MHz Ant1 Emission MIMO



Tx. Spurious NVNT n40 2437MHz Ant2 Ref MIMO



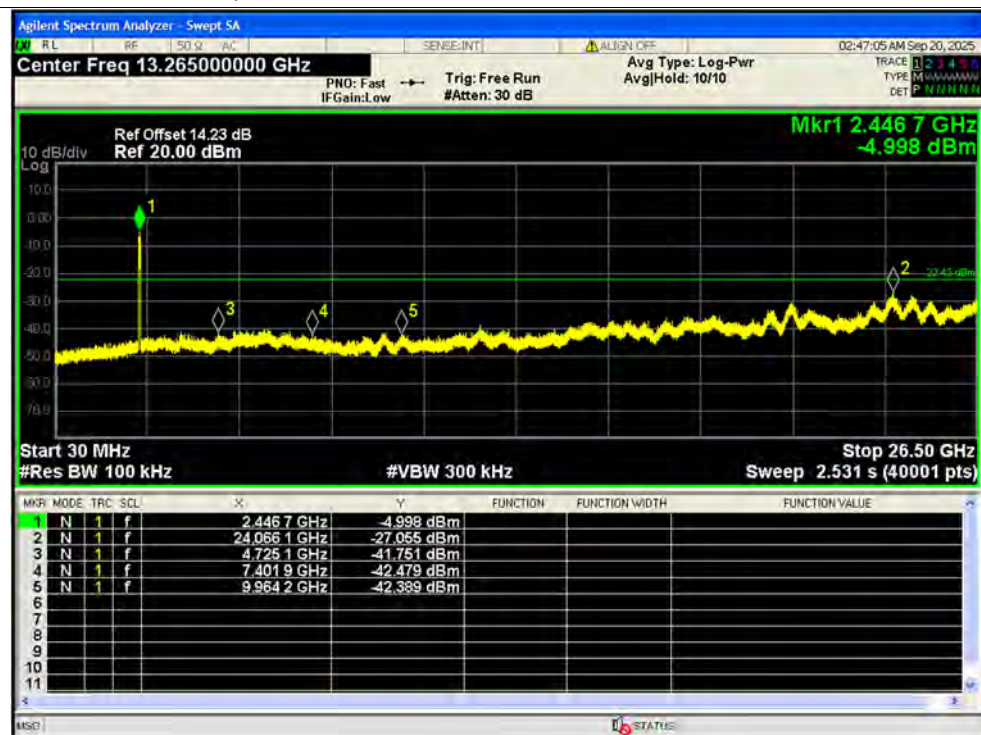
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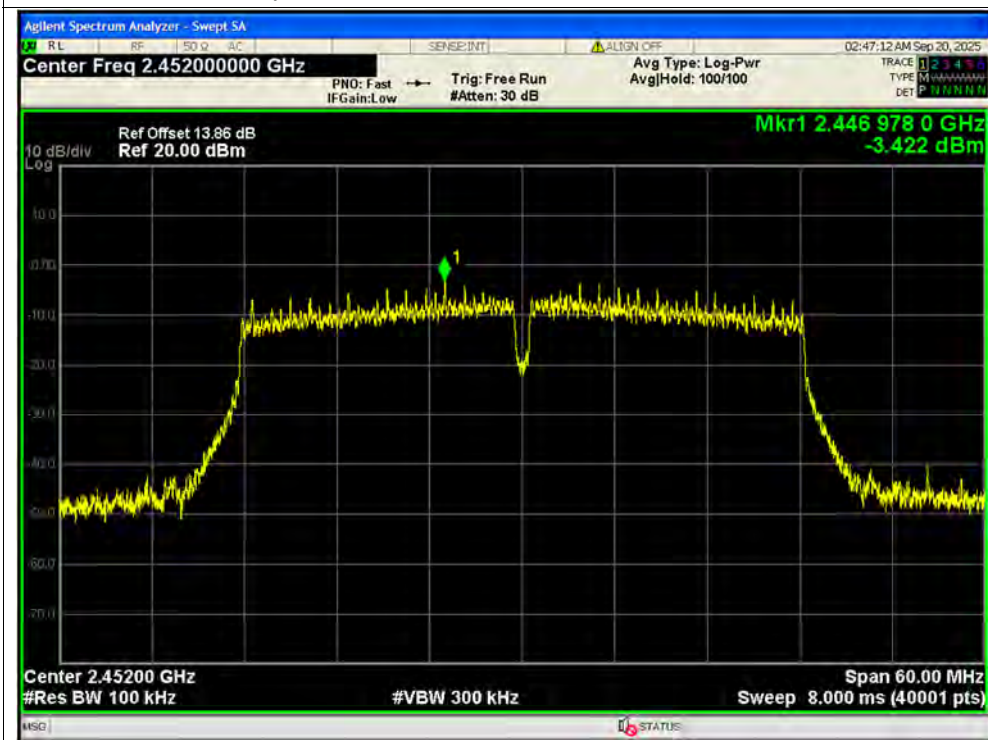
Tx. Spurious NVNT n40 2452MHz Ant1 Ref MIMO



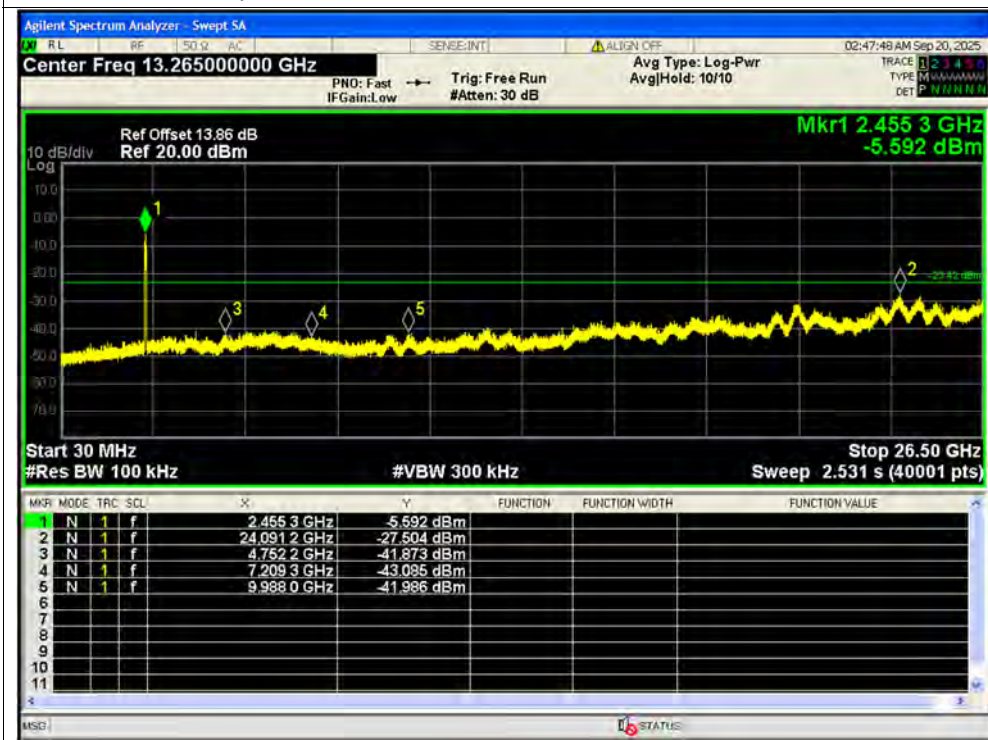
Tx. Spurious NVNT n40 2452MHz Ant1 Emission MIMO



Tx. Spurious NVNT n40 2452MHz Ant2 Ref MIMO



Tx. Spurious NVNT n40 2452MHz Ant2 Emission MIMO



**A.6. Band Edge**

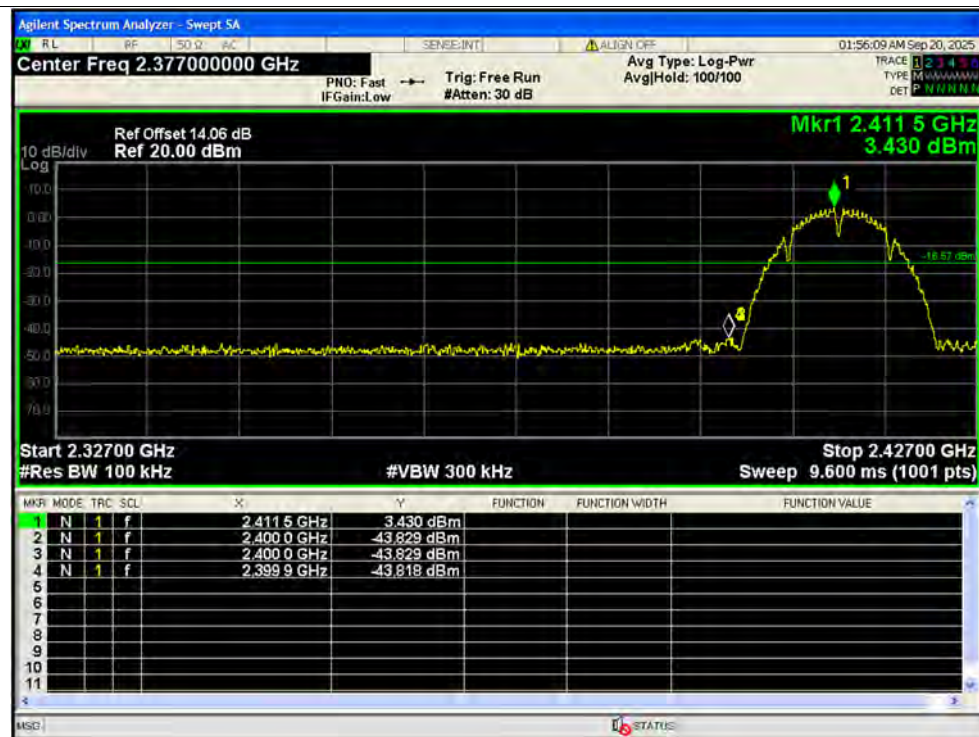
Condition	Mode	Frequency (MHz)	Antenna	Max Value (dBc)	Limit (dBc)	Verdict
NVNT	b SISO	2412	Ant1	-47.24	-20	Pass
NVNT	b SISO	2462	Ant1	-48.7	-20	Pass
NVNT	b SISO	2412	Ant2	-46.74	-20	Pass
NVNT	b SISO	2462	Ant2	-47.46	-20	Pass
NVNT	g SISO	2412	Ant1	-40.48	-20	Pass
NVNT	g SISO	2462	Ant1	-47.05	-20	Pass
NVNT	g SISO	2412	Ant2	-43.28	-20	Pass
NVNT	g SISO	2462	Ant2	-45.02	-20	Pass
NVNT	n20 SISO	2412	Ant1	-41.51	-20	Pass
NVNT	n20 SISO	2462	Ant1	-45.81	-20	Pass
NVNT	n20 SISO	2412	Ant2	-43.09	-20	Pass
NVNT	n20 SISO	2462	Ant2	-44.22	-20	Pass
NVNT	n20 MIMO	2412	Ant1	-40.29	-20	Pass
NVNT	n20 MIMO	2412	Ant2	-42.22	-20	Pass
NVNT	n20 MIMO	2462	Ant1	-46.04	-20	Pass
NVNT	n20 MIMO	2462	Ant2	-44.21	-20	Pass
NVNT	n40 SISO	2422	Ant1	-39.36	-20	Pass
NVNT	n40 SISO	2452	Ant1	-41.62	-20	Pass
NVNT	n40 SISO	2422	Ant2	-37.96	-20	Pass
NVNT	n40 SISO	2452	Ant2	-39.86	-20	Pass
NVNT	n40 MIMO	2422	Ant1	-39.63	-20	Pass
NVNT	n40 MIMO	2422	Ant2	-37.58	-20	Pass
NVNT	n40 MIMO	2452	Ant1	-41.15	-20	Pass
NVNT	n40 MIMO	2452	Ant2	-39.37	-20	Pass

Test Graphs

Band Edge NVNT b 2412MHz Ant1 Ref SISO



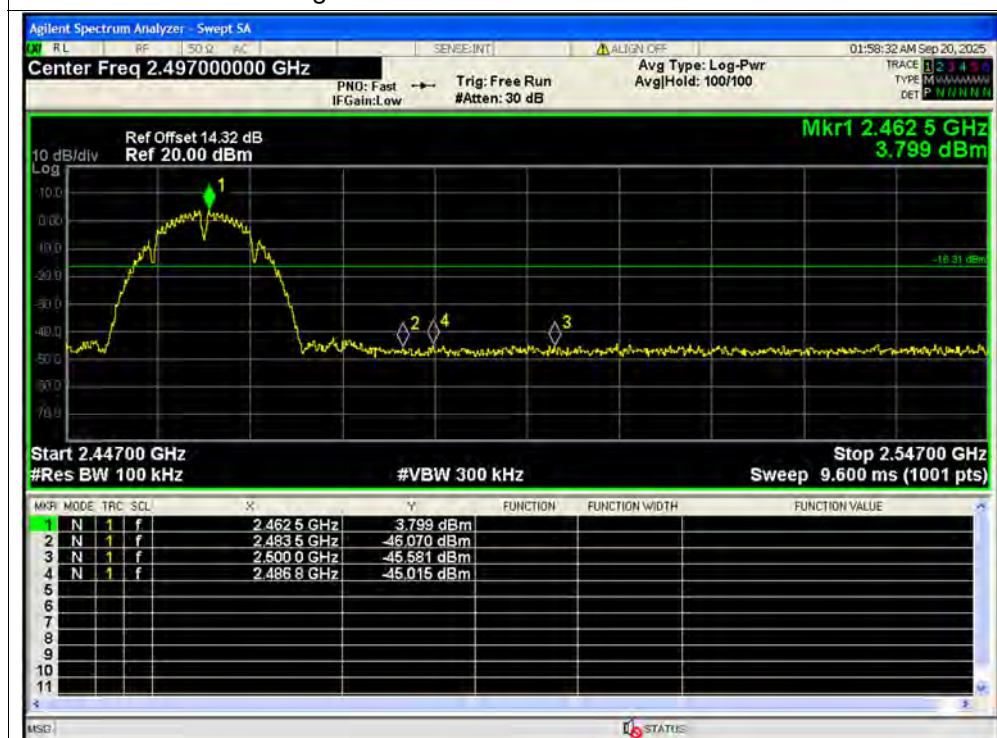
Band Edge NVNT b 2412MHz Ant1 Emission SISO



Band Edge NVNT b 2462MHz Ant1 Ref SISO



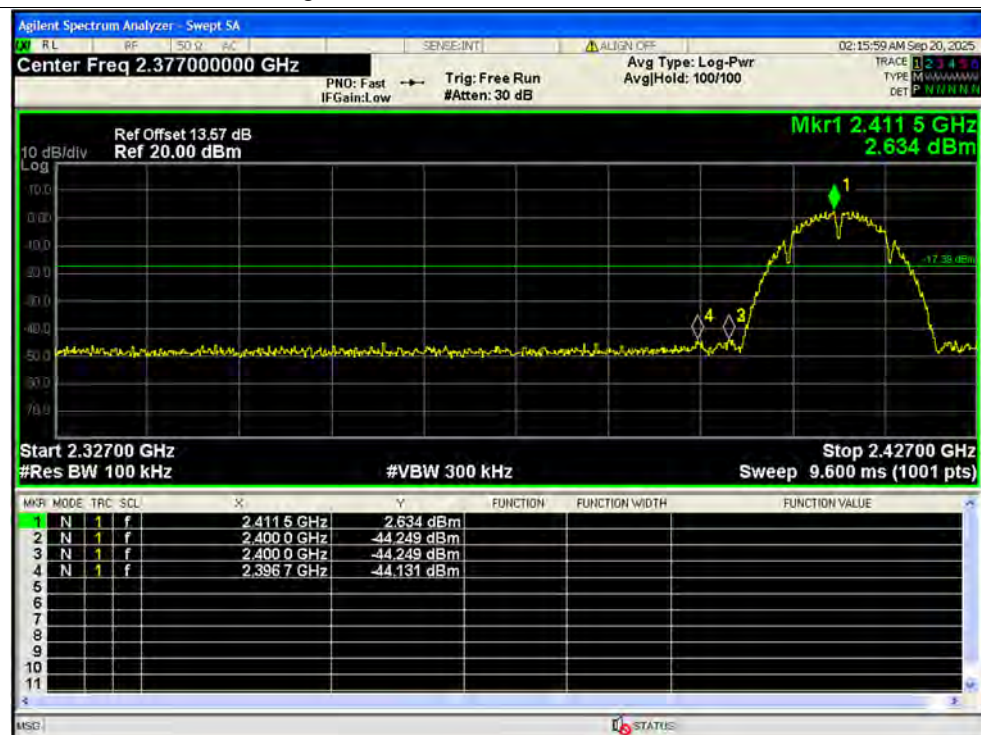
Band Edge NVNT b 2462MHz Ant1 Emission SISO



Band Edge NVNT b 2412MHz Ant2 Ref SISO



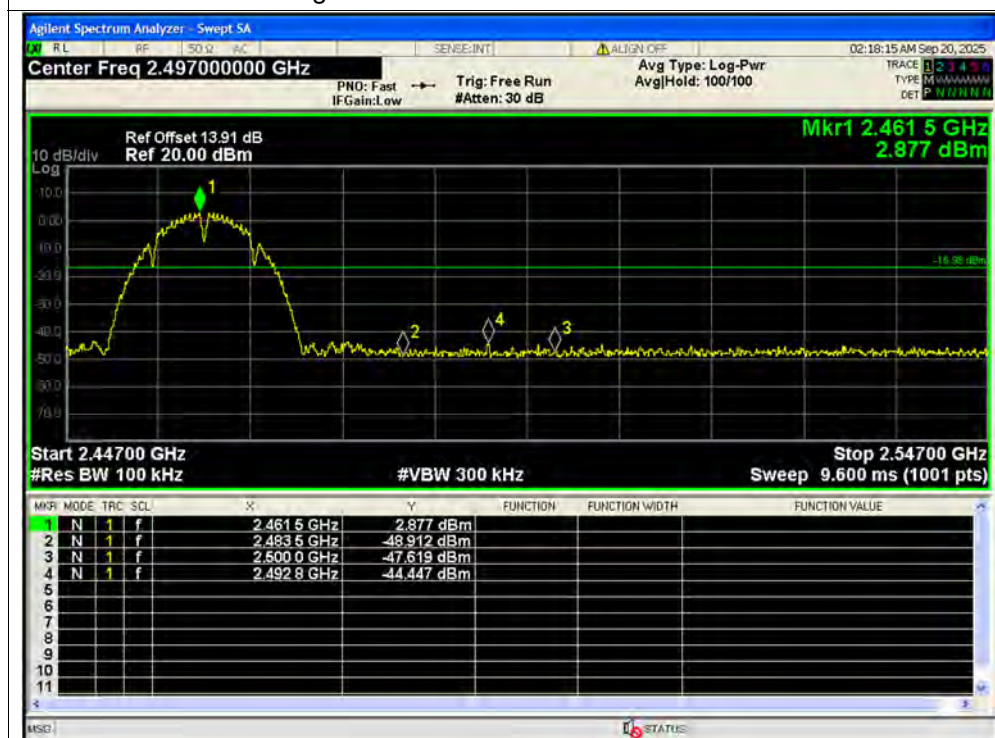
Band Edge NVNT b 2412MHz Ant2 Emission SISO



Band Edge NVNT b 2462MHz Ant2 Ref SISO



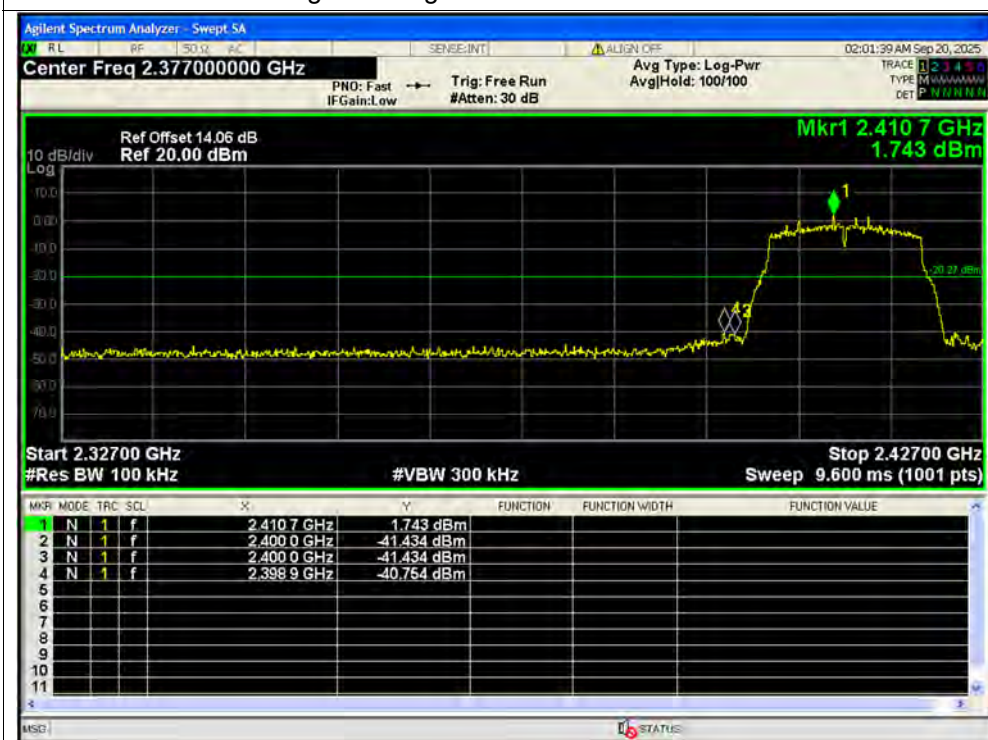
Band Edge NVNT b 2462MHz Ant2 Emission SISO



Band Edge NVNT g 2412MHz Ant1 Ref SISO



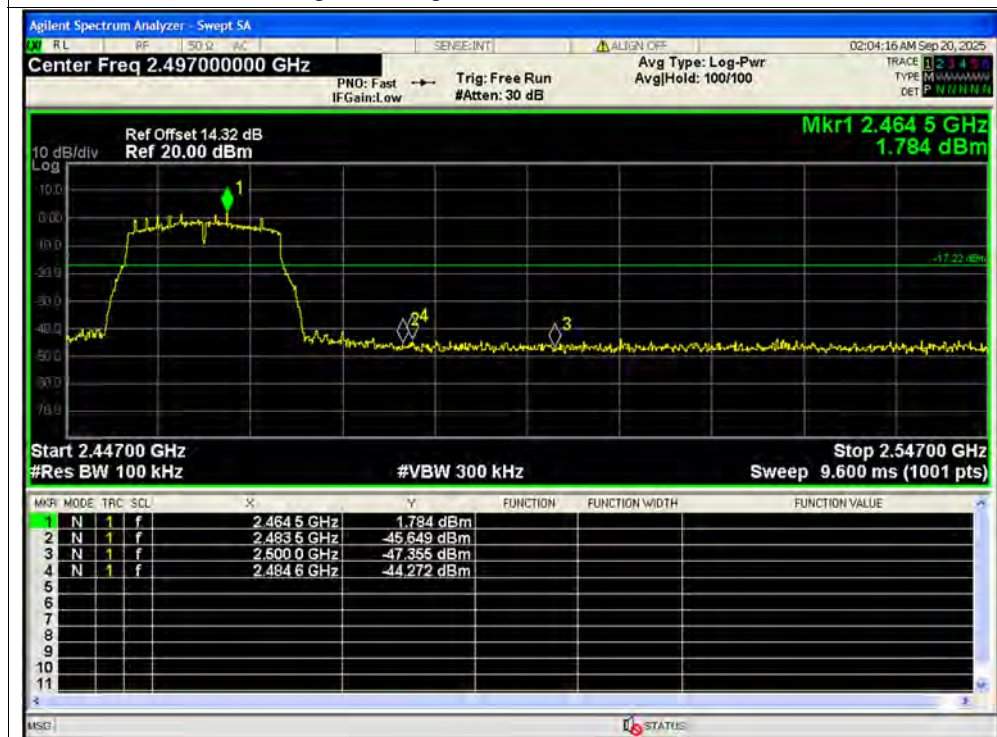
Band Edge NVNT g 2412MHz Ant1 Emission SISO



Band Edge NVNT g 2462MHz Ant1 Ref SISO



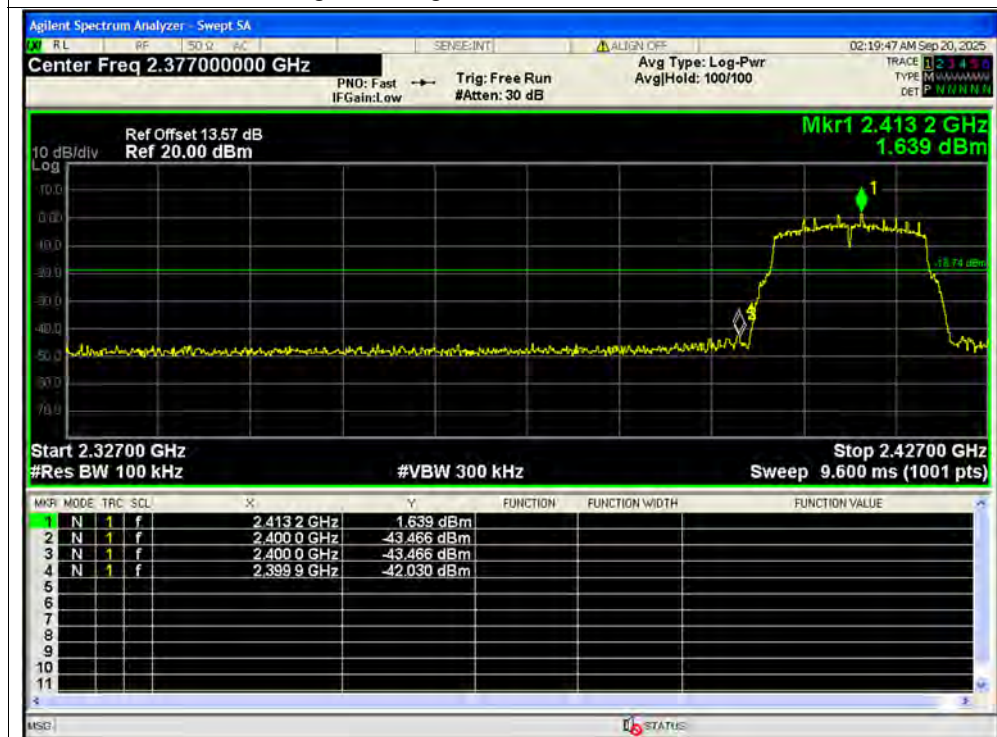
Band Edge NVNT g 2462MHz Ant1 Emission SISO



Band Edge NVNT g 2412MHz Ant2 Ref SISO



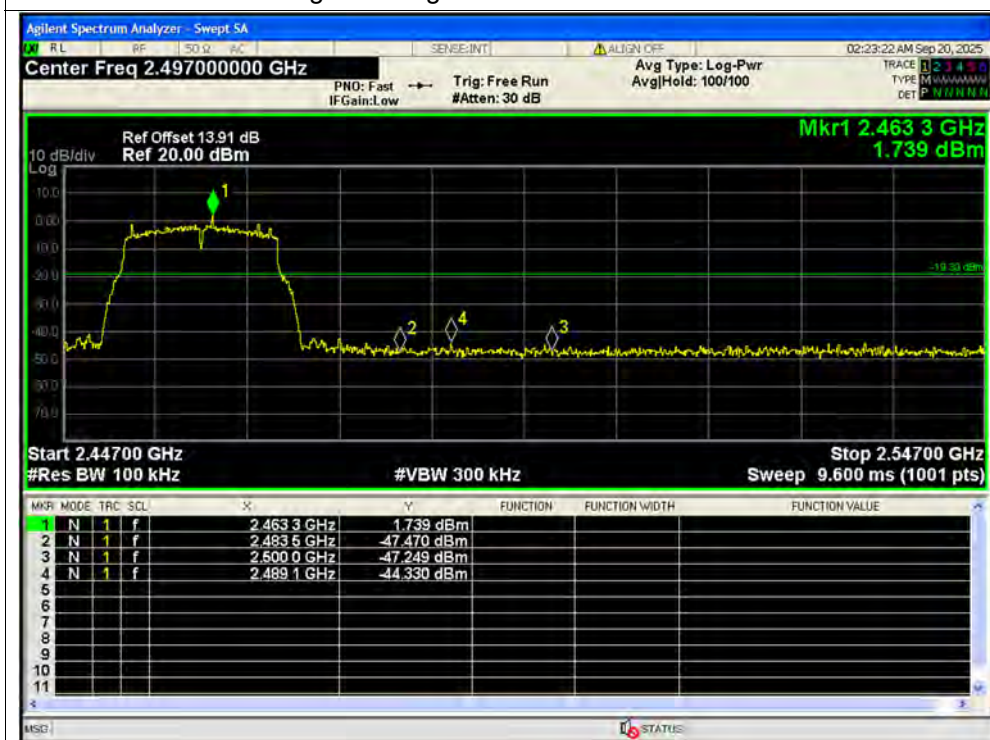
Band Edge NVNT g 2412MHz Ant2 Emission SISO



Band Edge NVNT g 2462MHz Ant2 Ref SISO



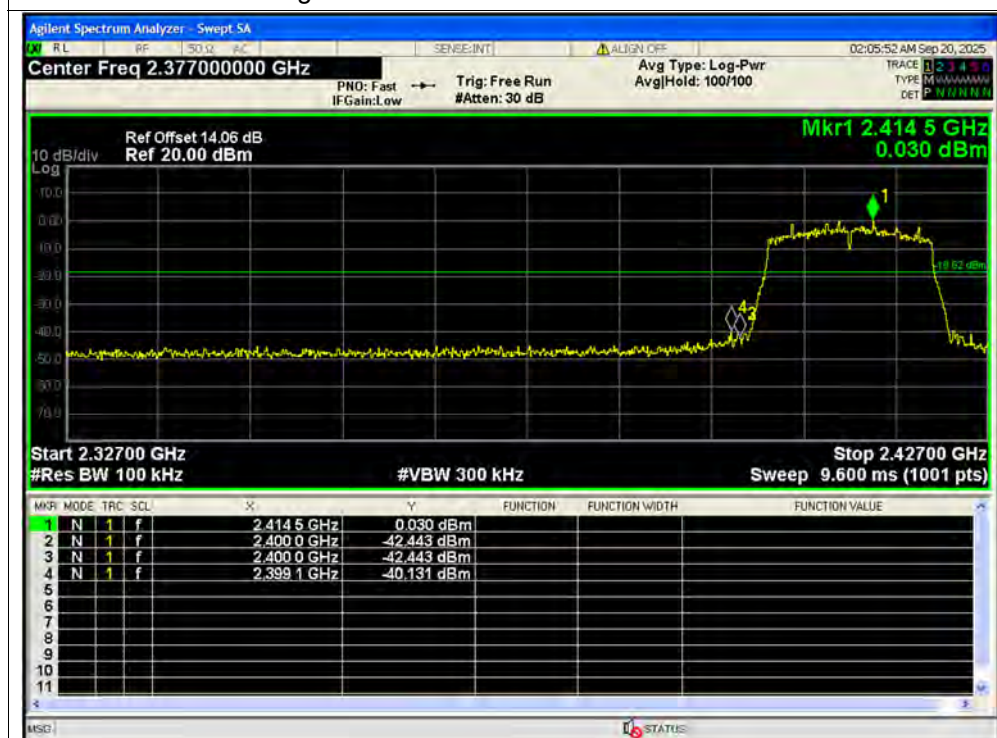
Band Edge NVNT g 2462MHz Ant2 Emission SISO



Band Edge NVNT n20 2412MHz Ant1 Ref SISO



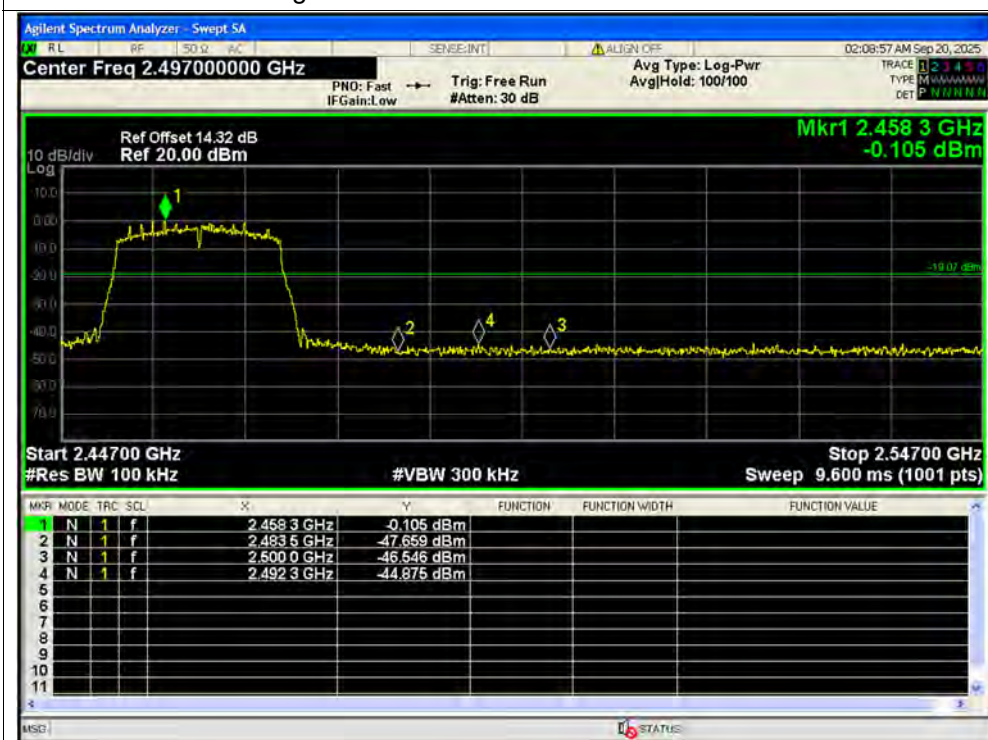
Band Edge NVNT n20 2412MHz Ant1 Emission SISO



Band Edge NVNT n20 2462MHz Ant1 Ref SISO



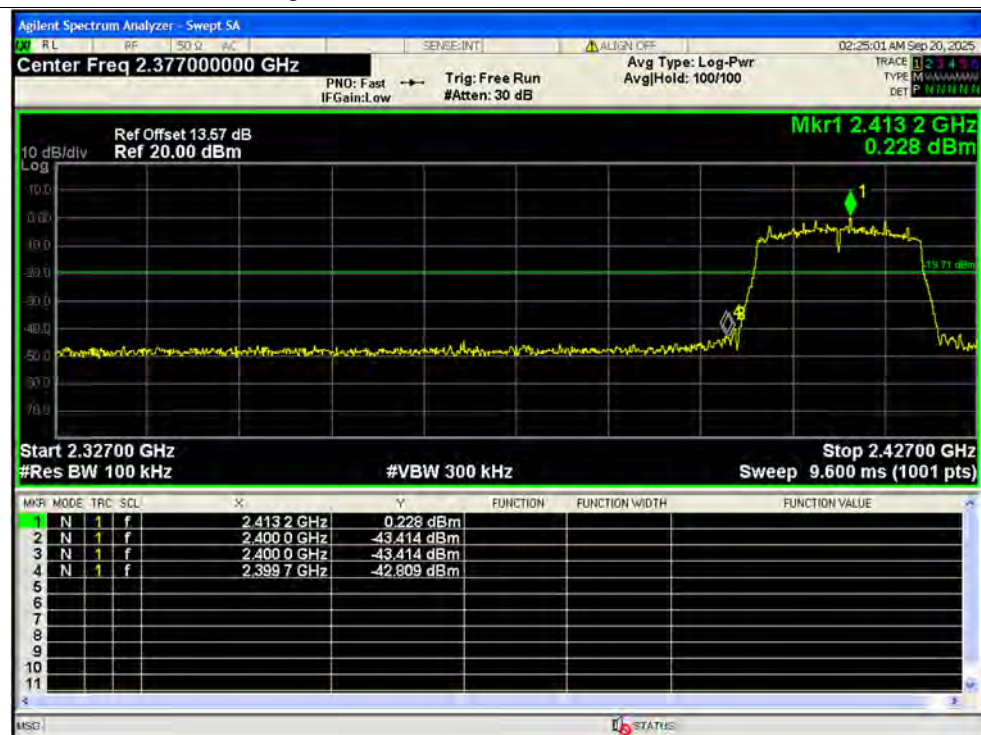
Band Edge NVNT n20 2462MHz Ant1 Emission SISO



Band Edge NVNT n20 2412MHz Ant2 Ref SISO



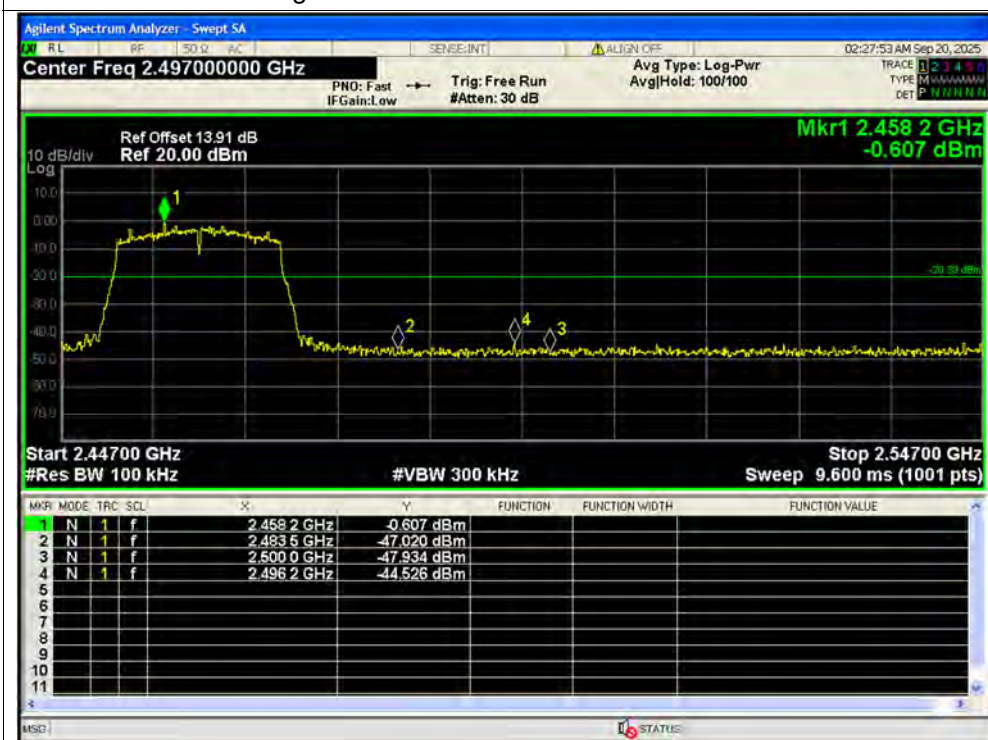
Band Edge NVNT n20 2412MHz Ant2 Emission SISO



Band Edge NVNT n20 2462MHz Ant2 Ref SISO



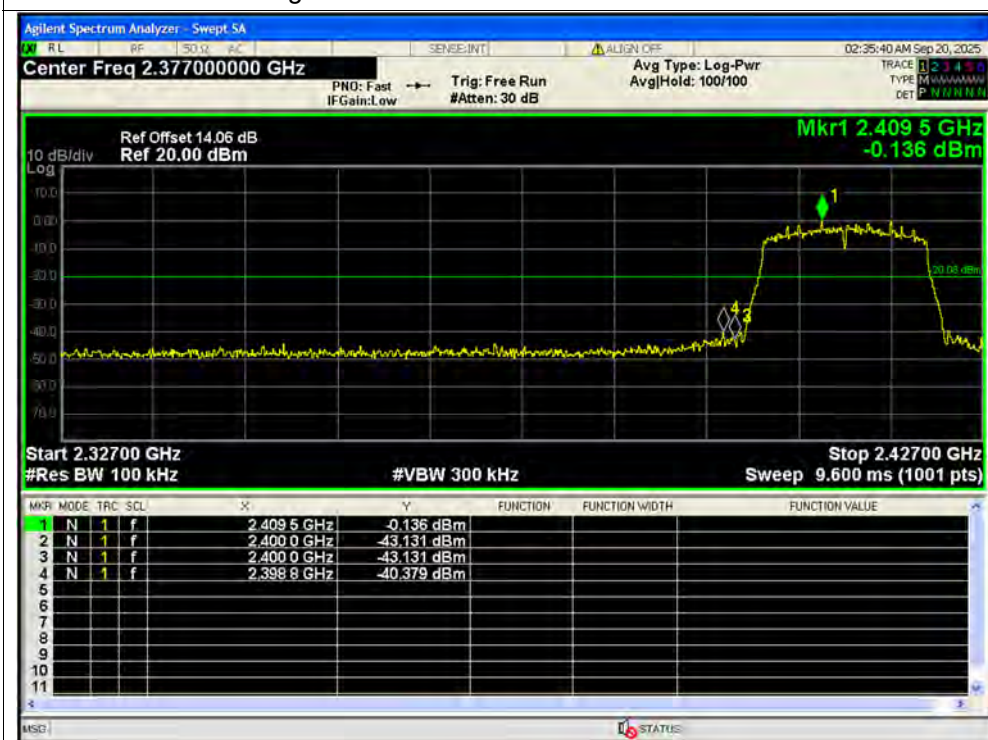
Band Edge NVNT n20 2462MHz Ant2 Emission SISO



Band Edge NVNT n20 2412MHz Ant1 Ref MIMO



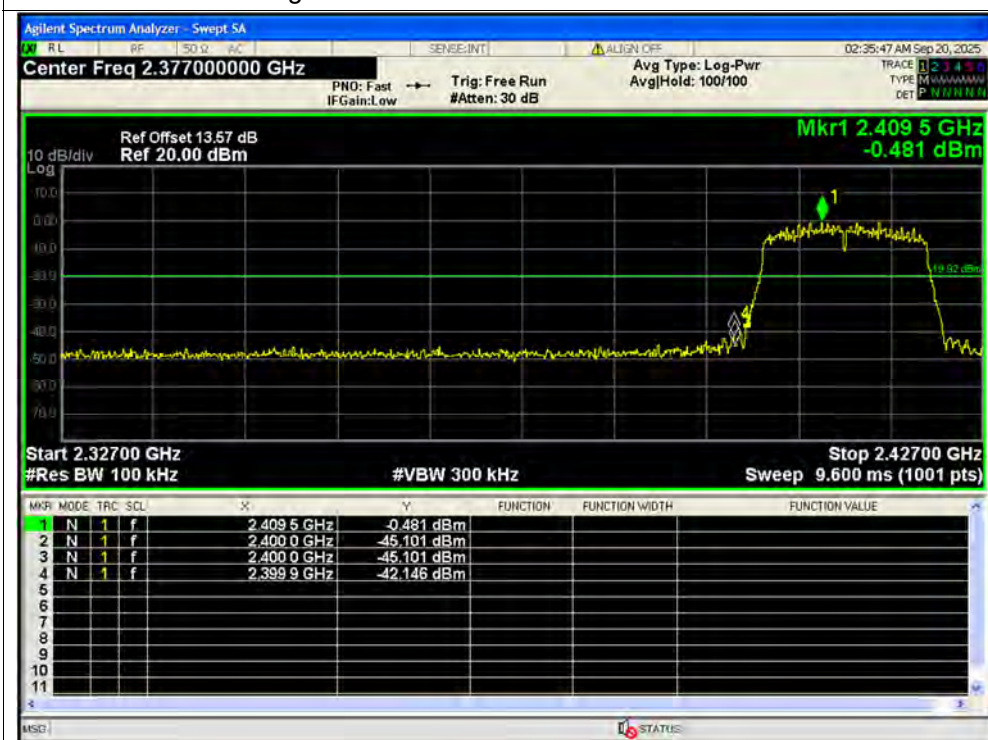
Band Edge NVNT n20 2412MHz Ant1 Emission MIMO



Band Edge NVNT n20 2412MHz Ant2 Ref MIMO



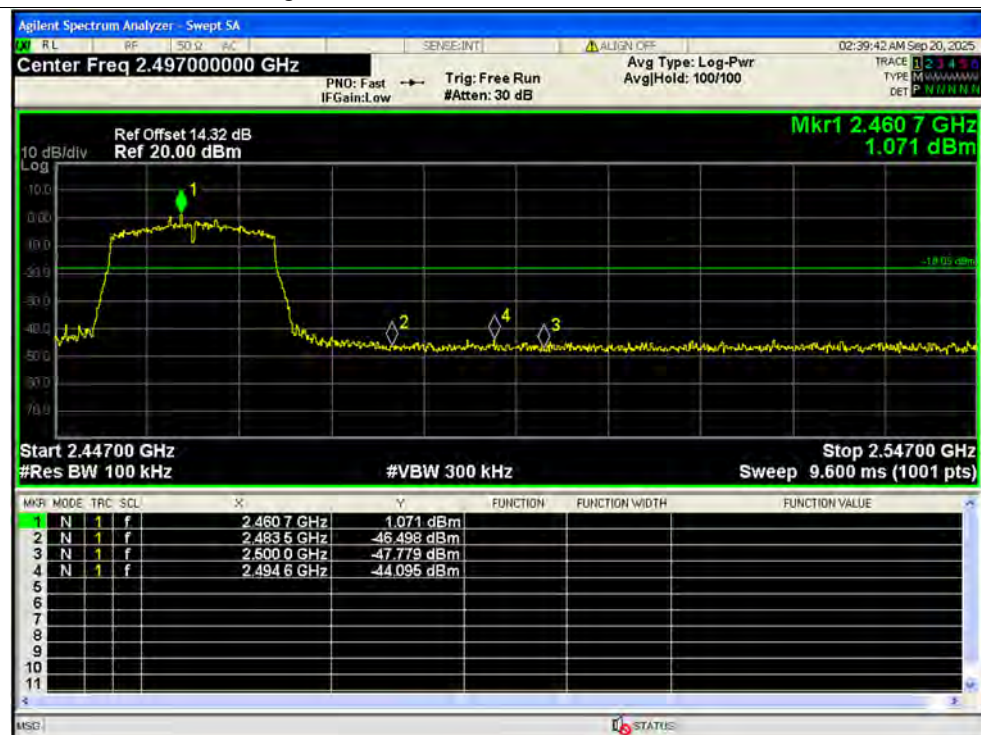
Band Edge NVNT n20 2412MHz Ant2 Emission MIMO



Band Edge NVNT n20 2462MHz Ant1 Ref MIMO



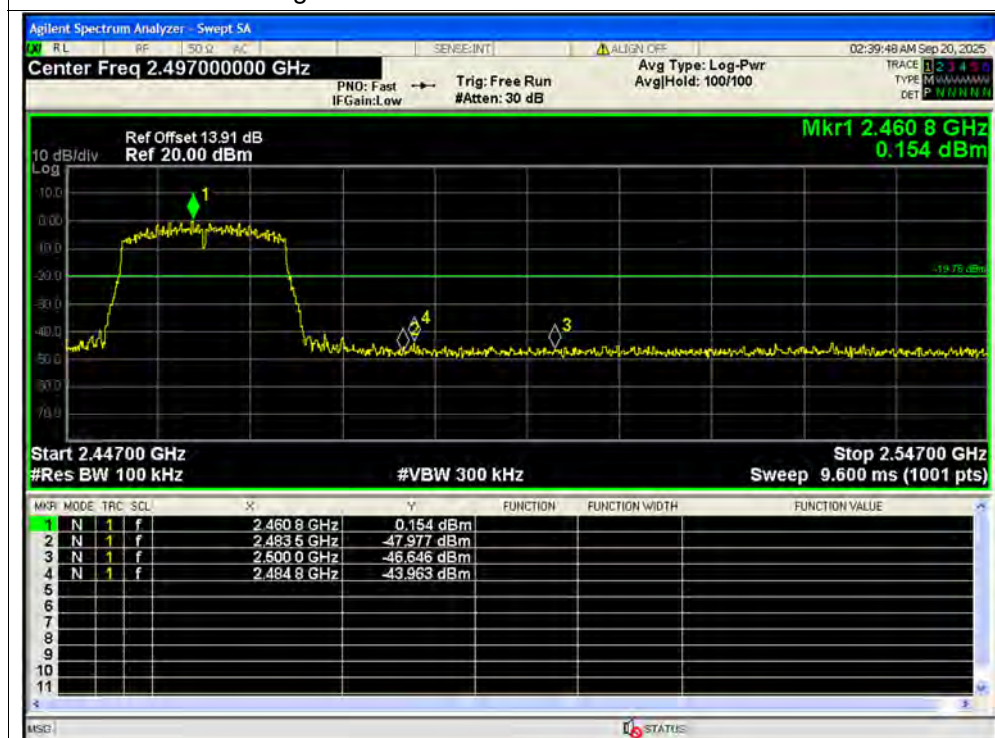
Band Edge NVNT n20 2462MHz Ant1 Emission MIMO



Band Edge NVNT n20 2462MHz Ant2 Ref MIMO



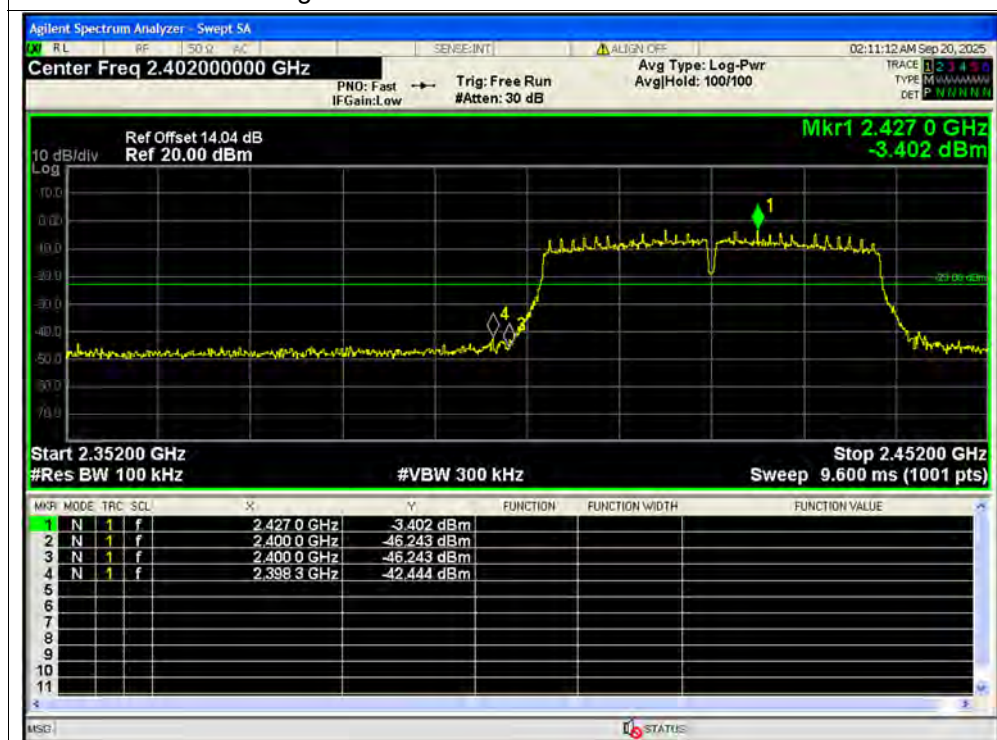
Band Edge NVNT n20 2462MHz Ant2 Emission MIMO



Band Edge NVNT n40 2422MHz Ant1 Ref SISO



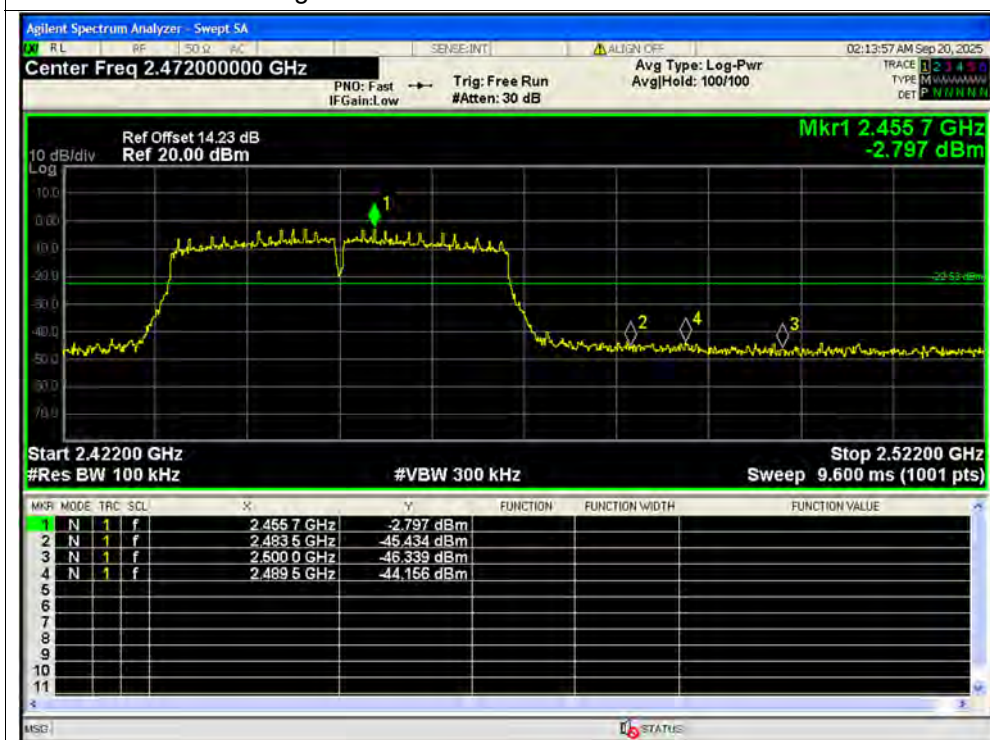
Band Edge NVNT n40 2422MHz Ant1 Emission SISO



Band Edge NVNT n40 2452MHz Ant1 Ref SISO



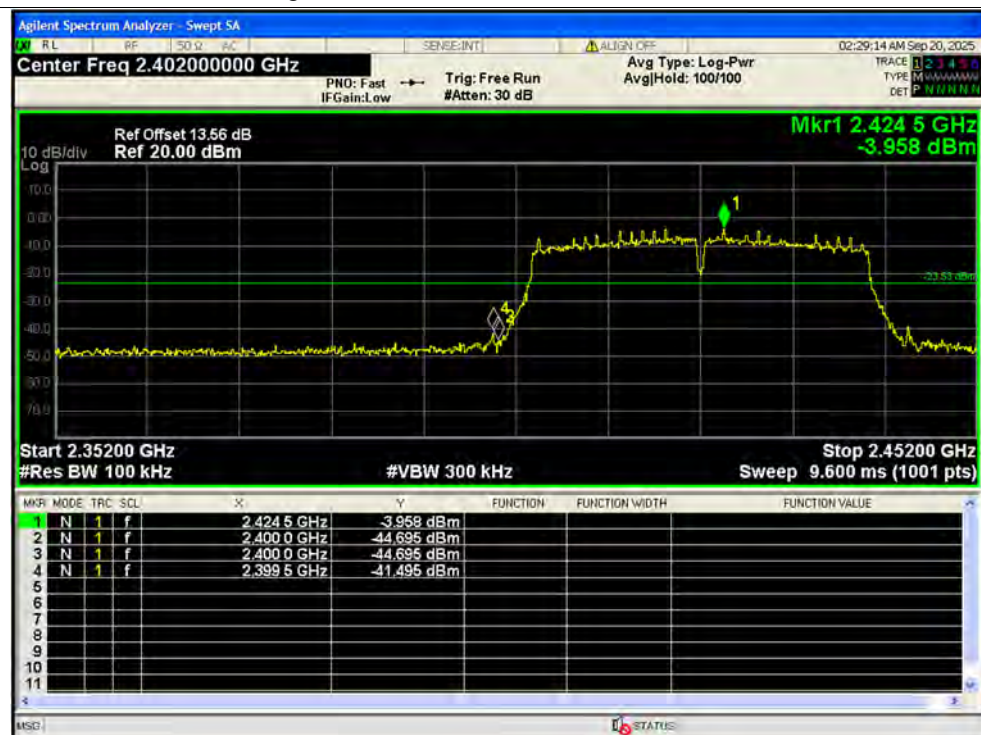
Band Edge NVNT n40 2452MHz Ant1 Emission SISO



Band Edge NVNT n40 2422MHz Ant2 Ref SISO



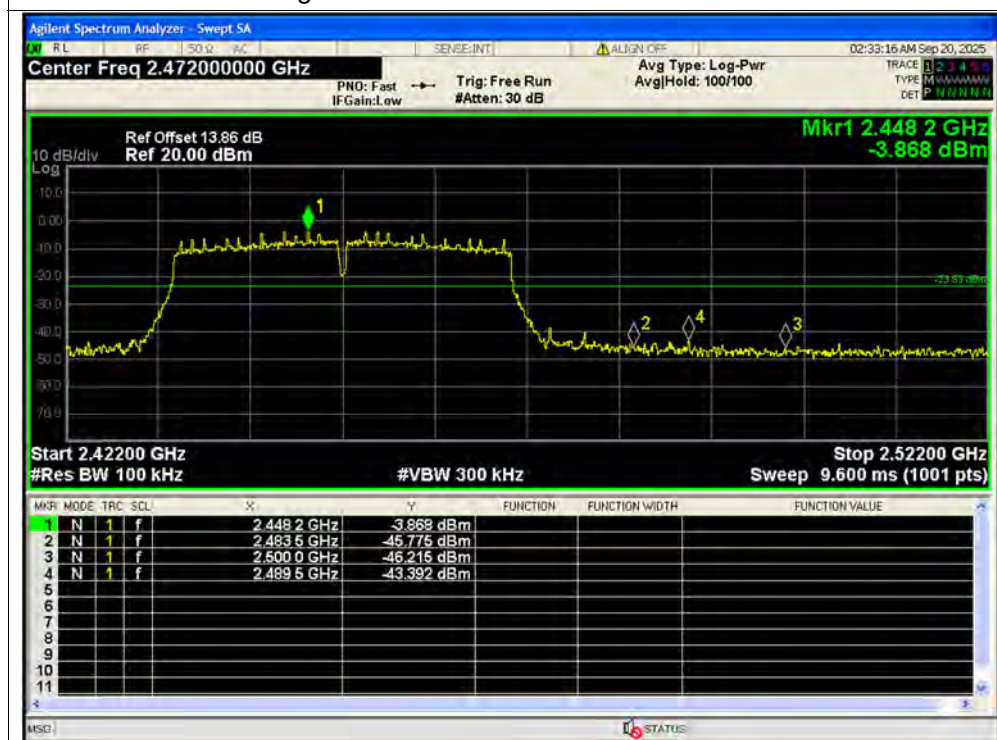
Band Edge NVNT n40 2422MHz Ant2 Emission SISO



Band Edge NVNT n40 2452MHz Ant2 Ref SISO



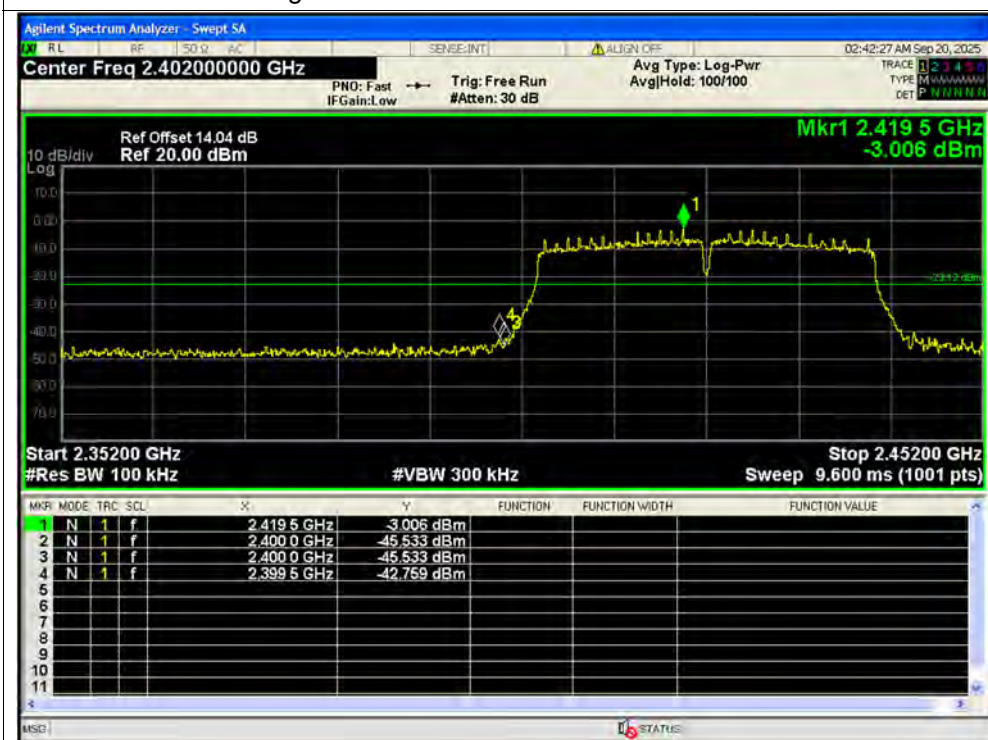
Band Edge NVNT n40 2452MHz Ant2 Emission SISO



Band Edge NVNT n40 2422MHz Ant1 Ref MIMO



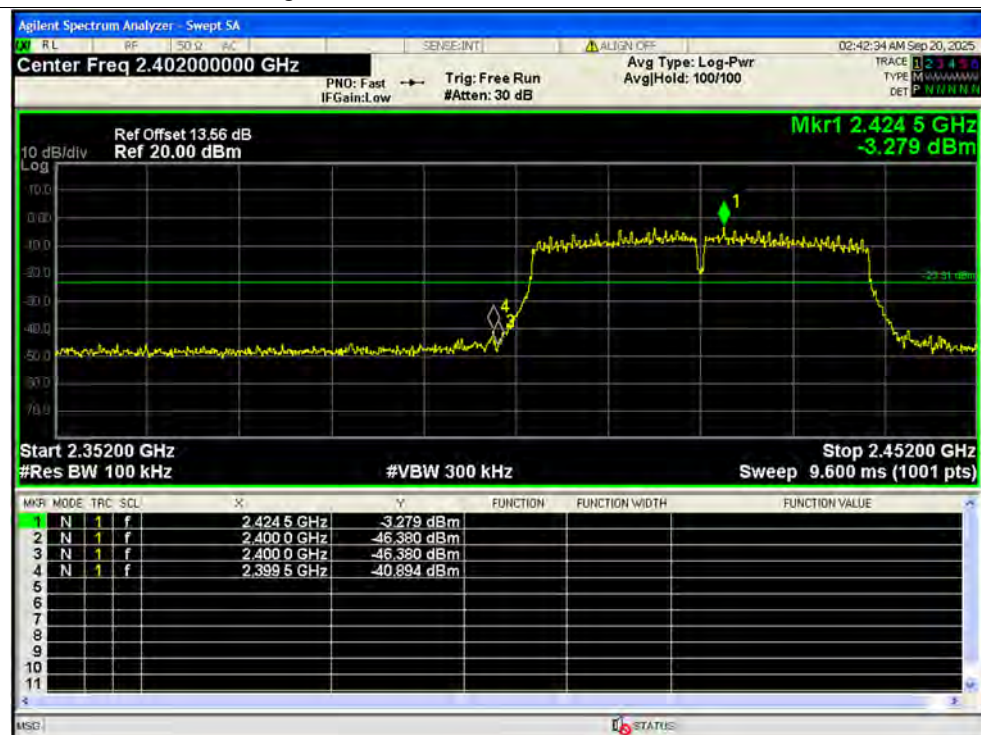
Band Edge NVNT n40 2422MHz Ant1 Emission MIMO



Band Edge NVNT n40 2422MHz Ant2 Ref MIMO



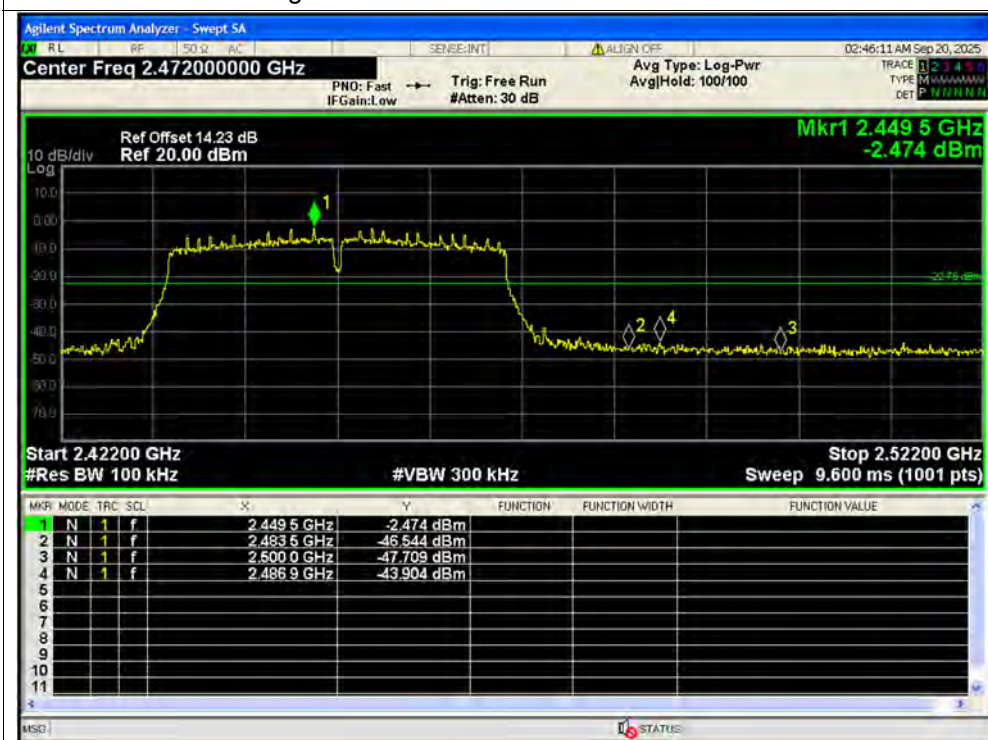
Band Edge NVNT n40 2422MHz Ant2 Emission MIMO



Band Edge NVNT n40 2452MHz Ant1 Ref MIMO



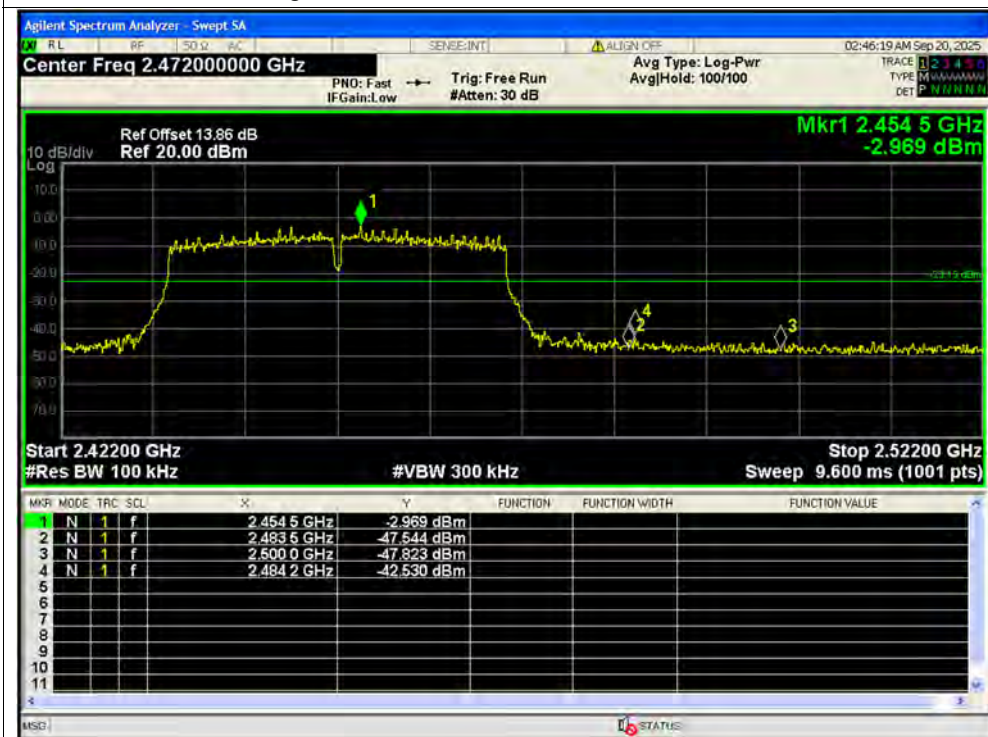
Band Edge NVNT n40 2452MHz Ant1 Emission MIMO



Band Edge NVNT n40 2452MHz Ant2 Ref MIMO



Band Edge NVNT n40 2452MHz Ant2 Emission MIMO



**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	-11.43	0	-11.43	8	Pass
NVNT	b SISO	2437	Ant1	-8.48	0	-8.48	8	Pass
NVNT	b SISO	2462	Ant1	-7.3	0	-7.3	8	Pass
NVNT	b SISO	2412	Ant2	-8.22	0	-8.22	8	Pass
NVNT	b SISO	2437	Ant2	-8.13	0	-8.13	8	Pass
NVNT	b SISO	2462	Ant2	-8.01	0	-8.01	8	Pass
NVNT	g SISO	2412	Ant1	-13.25	0	-13.25	8	Pass
NVNT	g SISO	2437	Ant1	-13.71	0	-13.71	8	Pass
NVNT	g SISO	2462	Ant1	-12.57	0	-12.57	8	Pass
NVNT	g SISO	2412	Ant2	-13.85	0	-13.85	8	Pass
NVNT	g SISO	2437	Ant2	-13.9	0	-13.9	8	Pass
NVNT	g SISO	2462	Ant2	-13.44	0	-13.44	8	Pass
NVNT	n20 SISO	2412	Ant1	-13.22	0	-13.22	8	Pass
NVNT	n20 SISO	2437	Ant1	-13.13	0	-13.13	8	Pass
NVNT	n20 SISO	2462	Ant1	-12.85	0	-12.85	8	Pass
NVNT	n20 SISO	2412	Ant2	-13.63	0	-13.63	8	Pass
NVNT	n20 SISO	2437	Ant2	-13.7	0	-13.7	8	Pass



NVNT	n20 SISO	2462	Ant2	-14.63	0	-14.63	8	Pass
NVNT	n20 MIMO	2412	Ant1	-15.93	0	-15.93	8	Pass
NVNT	n20 MIMO	2412	Ant2	-16.76	0	-16.76	8	Pass
NVNT	n20 MIMO	2412	Sum	-13.31	0	-13.31	6.41	Pass
NVNT	n20 MIMO	2437	Ant1	-16.98	0	-16.98	8	Pass
NVNT	n20 MIMO	2437	Ant2	-16.57	0	-16.57	8	Pass
NVNT	n20 MIMO	2437	Sum	-13.76	0	-13.76	6.41	Pass
NVNT	n20 MIMO	2462	Ant1	-15.62	0	-15.62	8	Pass
NVNT	n20 MIMO	2462	Ant2	-16.83	0	-16.83	8	Pass
NVNT	n20 MIMO	2462	Sum	-13.17	0	-13.17	6.41	Pass
NVNT	n40 SISO	2422	Ant1	-18.04	0	-18.04	8	Pass
NVNT	n40 SISO	2437	Ant1	-17.46	0	-17.46	8	Pass
NVNT	n40 SISO	2452	Ant1	-17.71	0	-17.71	8	Pass
NVNT	n40 SISO	2422	Ant2	-19.17	0	-19.17	8	Pass
NVNT	n40 SISO	2437	Ant2	-18.26	0	-18.26	8	Pass
NVNT	n40 SISO	2452	Ant2	-18.16	0	-18.16	8	Pass
NVNT	n40 MIMO	2422	Ant1	-21.18	0	-21.18	8	Pass
NVNT	n40 MIMO	2422	Ant2	-21.89	0	-21.89	8	Pass
NVNT	n40 MIMO	2422	Sum	-18.51	0	-18.51	6.41	Pass
NVNT	n40	2437	Ant1	-21.32	0	-21.32	8	Pass



	MIMO							
NVNT	n40 MIMO	2437	Ant2	-21.87	0	-21.87	8	Pass
NVNT	n40 MIMO	2437	Sum	-18.58	0	-18.58	6.41	Pass
NVNT	n40 MIMO	2452	Ant1	-20.7	0	-20.7	8	Pass
NVNT	n40 MIMO	2452	Ant2	-21.34	0	-21.34	8	Pass
NVNT	n40 MIMO	2452	Sum	-18	0	-18	6.41	Pass

Note: Directional gain = $10\log[(10^{G0/20}+10^{G1/20})^2/2] = 7.59\text{dBi} > 6\text{dBi}$, so the PSD limit shall be reduced to 8-(7.59-6)=6.41dBm/3kHz.

Test Graphs

PSD NVNT b 2412MHz Ant1 SISO



PSD NVNT b 2437MHz Ant1 SISO





PSD NVNT b 2462MHz Ant1 SISO



PSD NVNT b 2412MHz Ant2 SISO



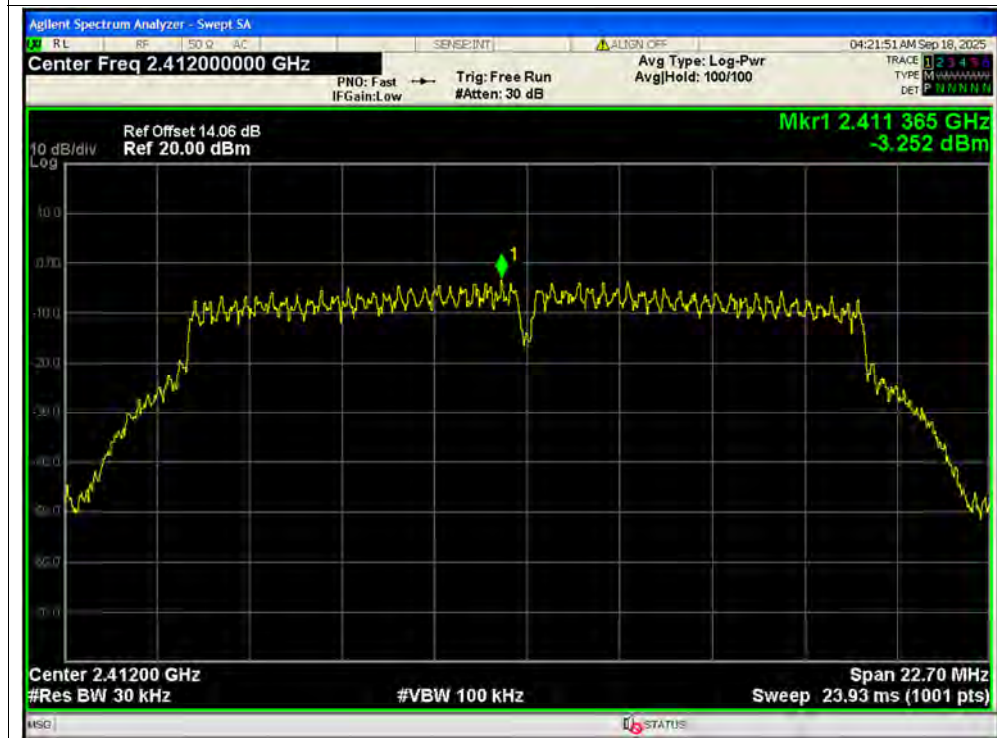
PSD NVNT b 2437MHz Ant2 SISO



PSD NVNT b 2462MHz Ant2 SISO



PSD NVNT g 2412MHz Ant1 SISO



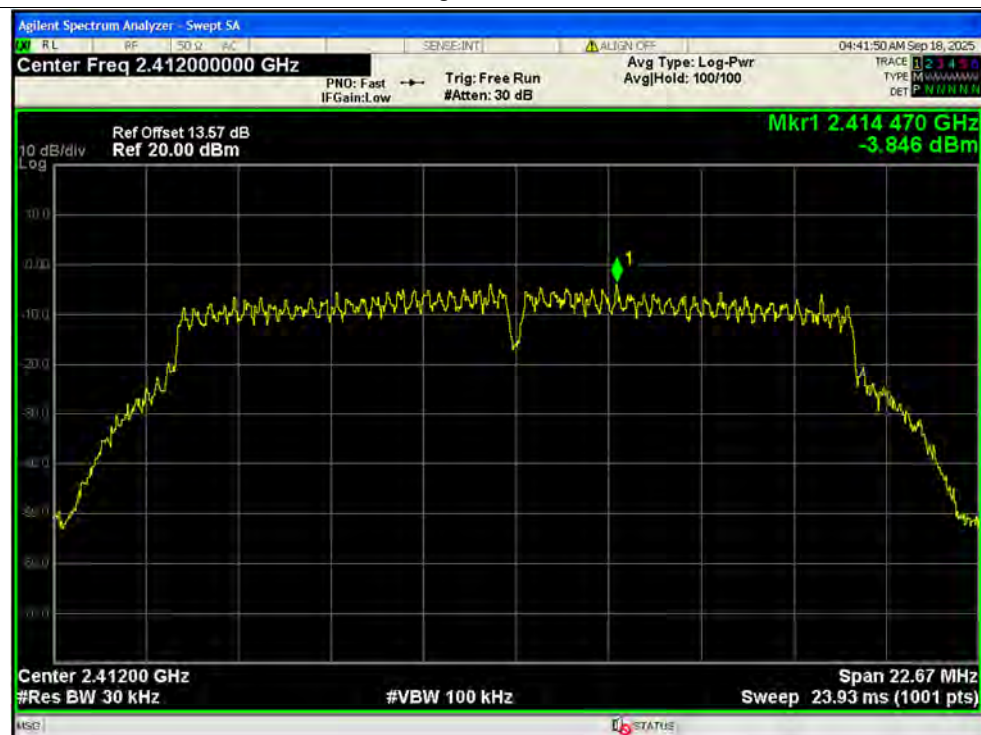
PSD NVNT g 2437MHz Ant1 SISO



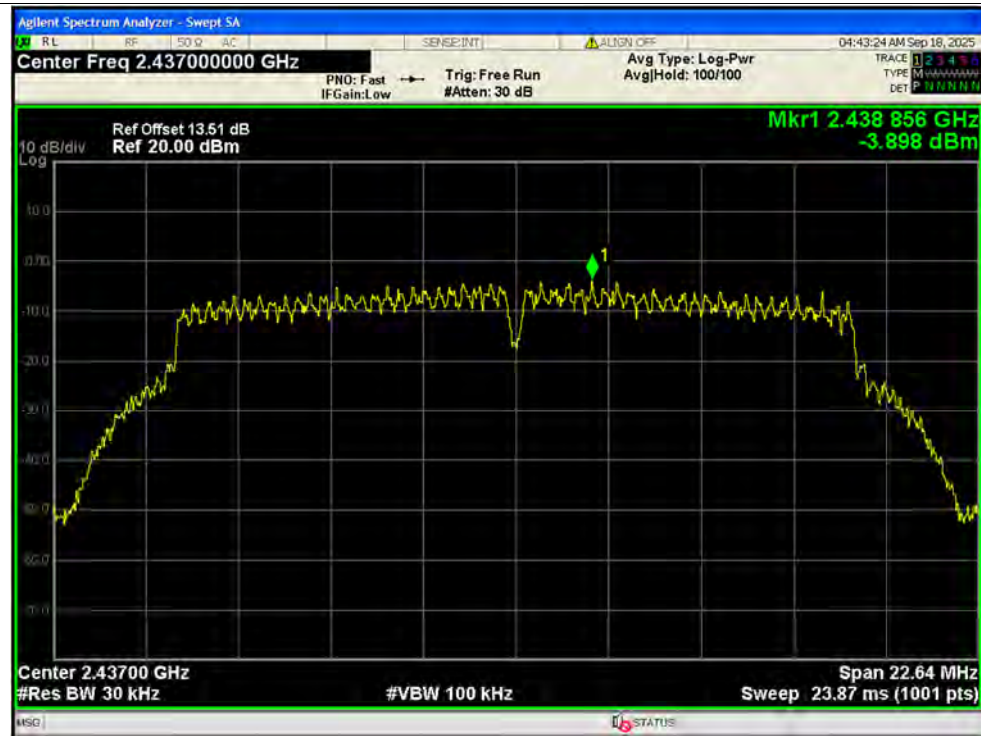
PSD NVNT g 2462MHz Ant1 SISO



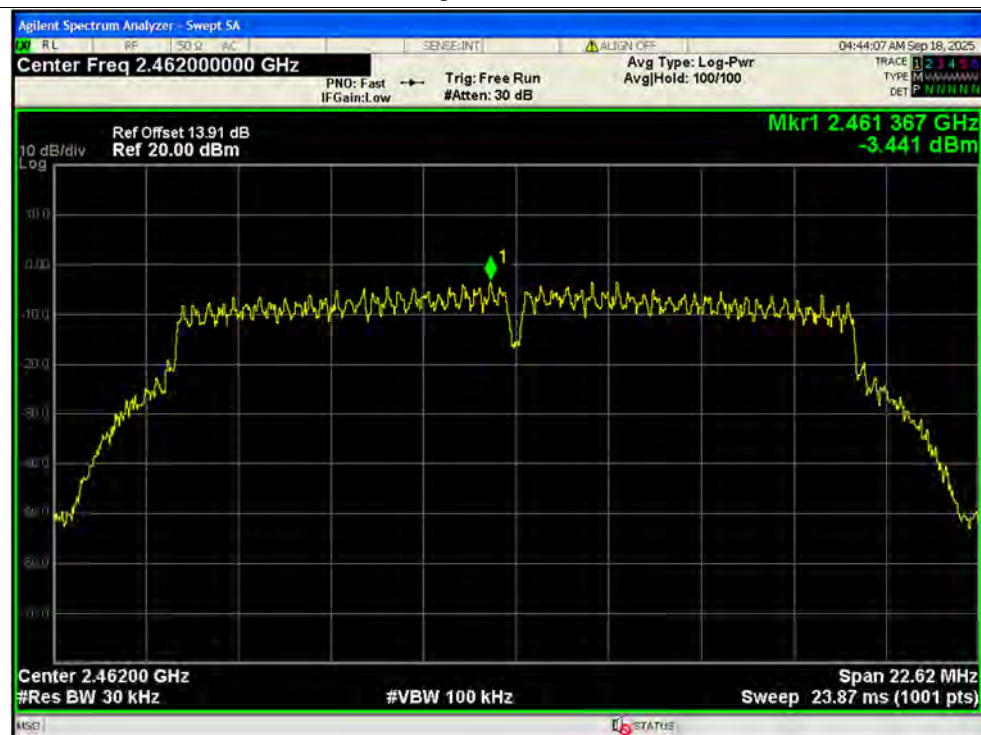
PSD NVNT g 2412MHz Ant2 SISO



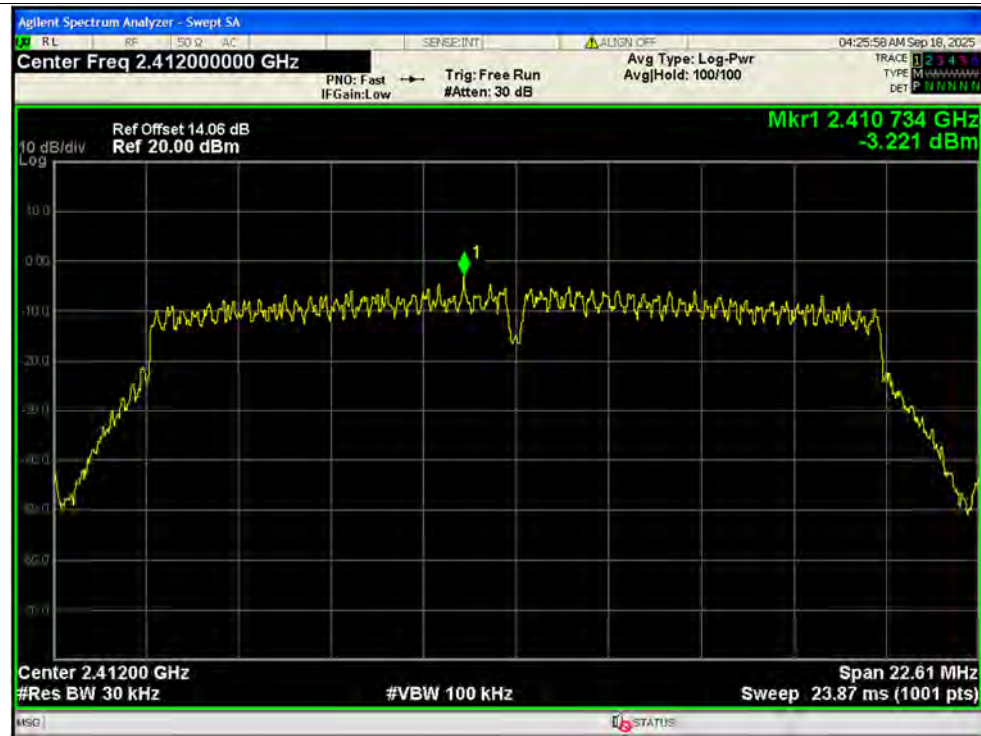
PSD NVNT g 2437MHz Ant2 SISO



PSD NVNT g 2462MHz Ant2 SISO



PSD NVNT n20 2412MHz Ant1 SISO



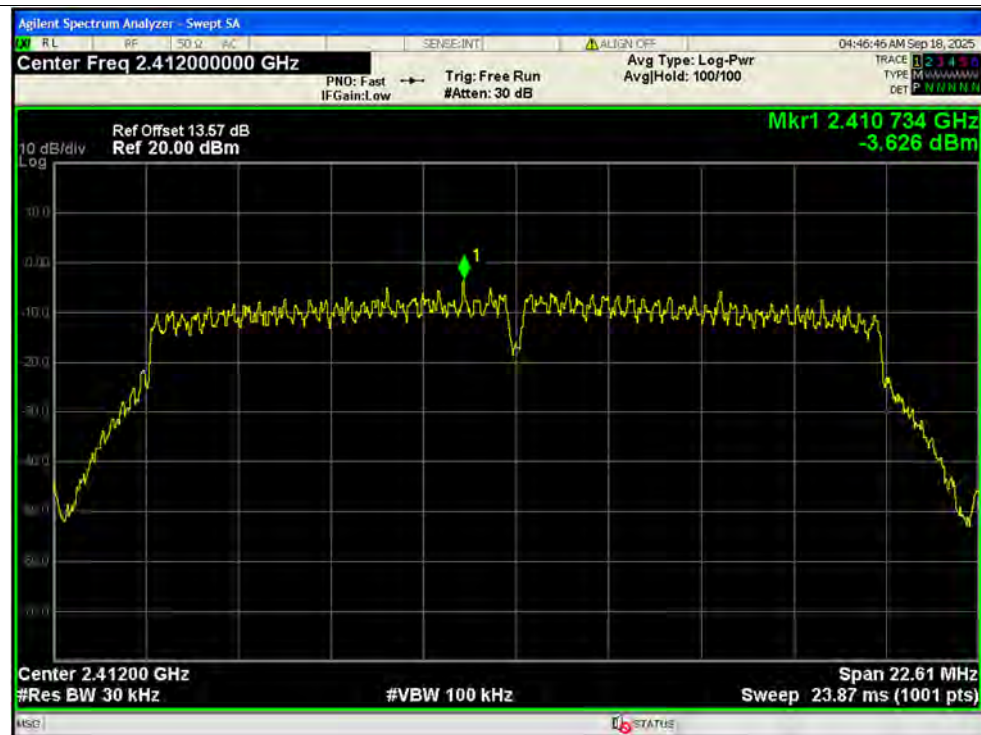
PSD NVNT n20 2437MHz Ant1 SISO



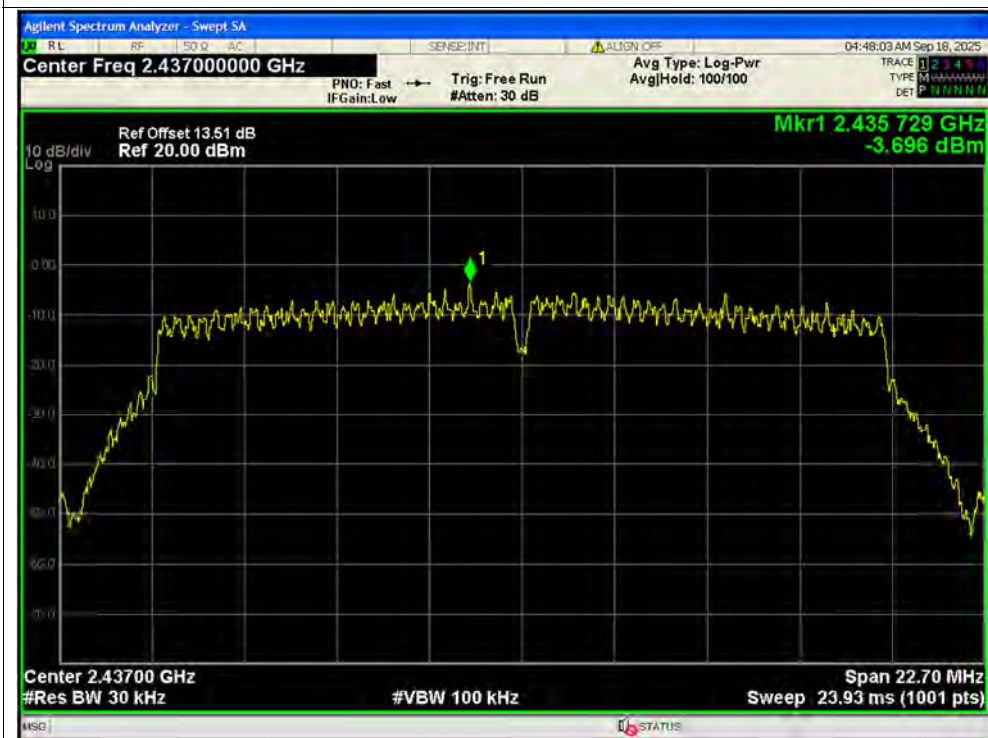
PSD NVNT n20 2462MHz Ant1 SISO



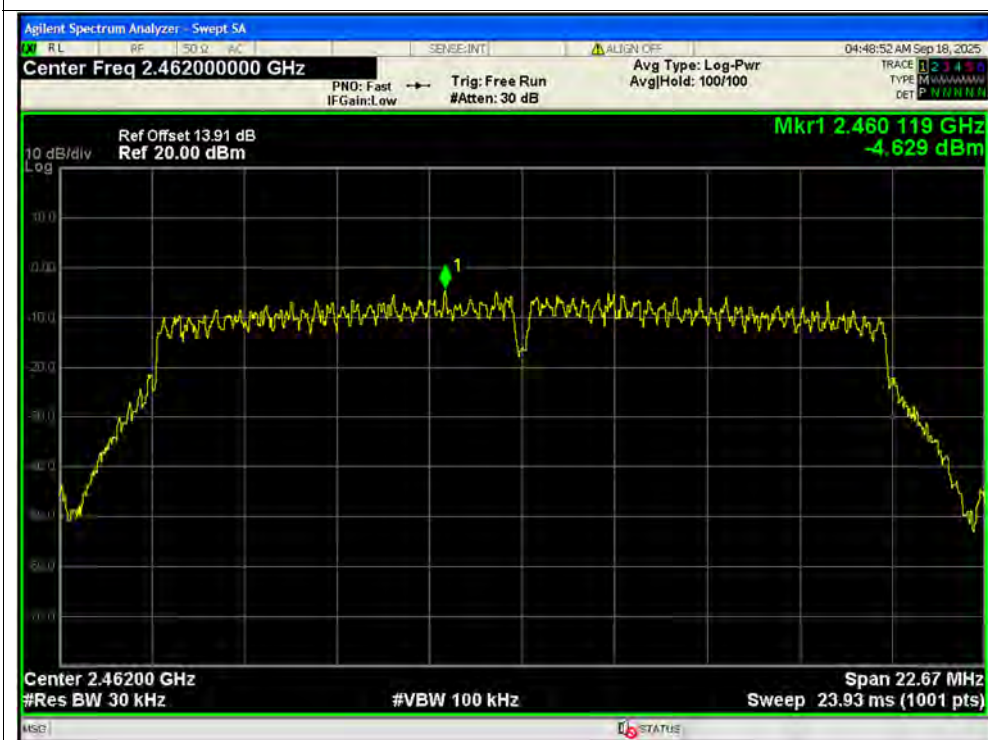
PSD NVNT n20 2412MHz Ant2 SISO



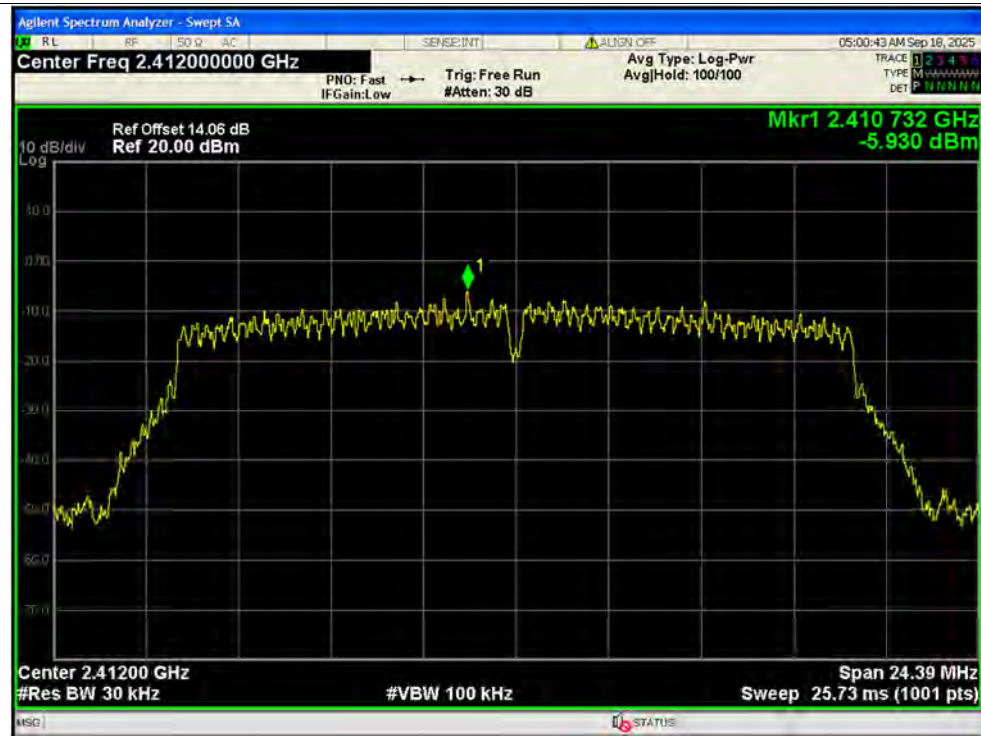
PSD NVNT n20 2437MHz Ant2 SISO



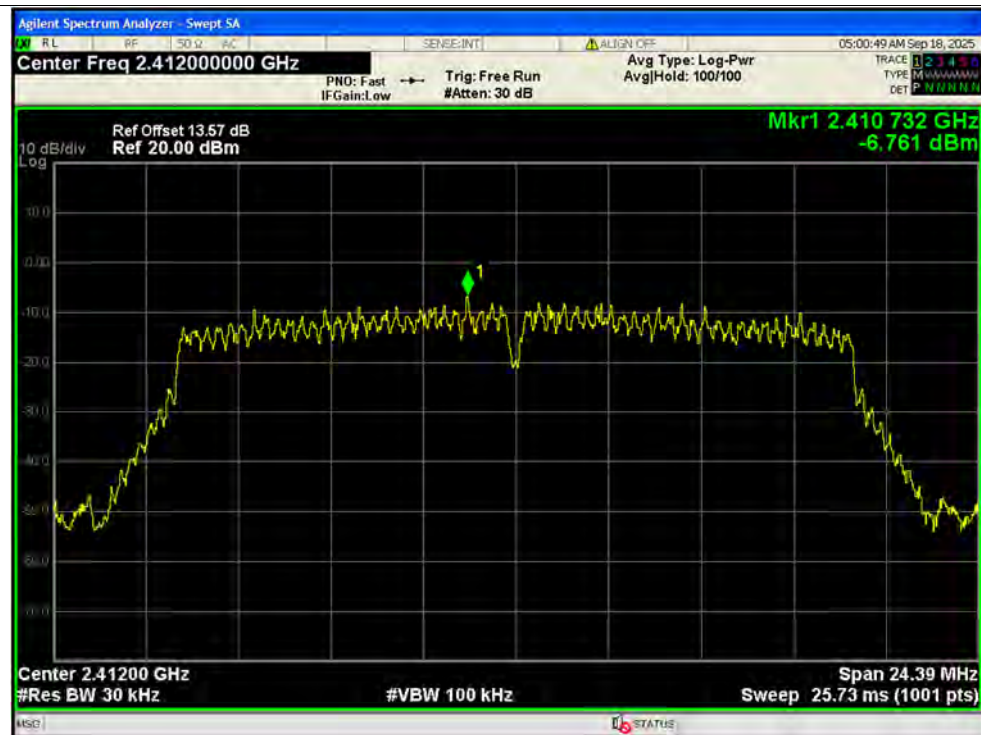
PSD NVNT n20 2462MHz Ant2 SISO



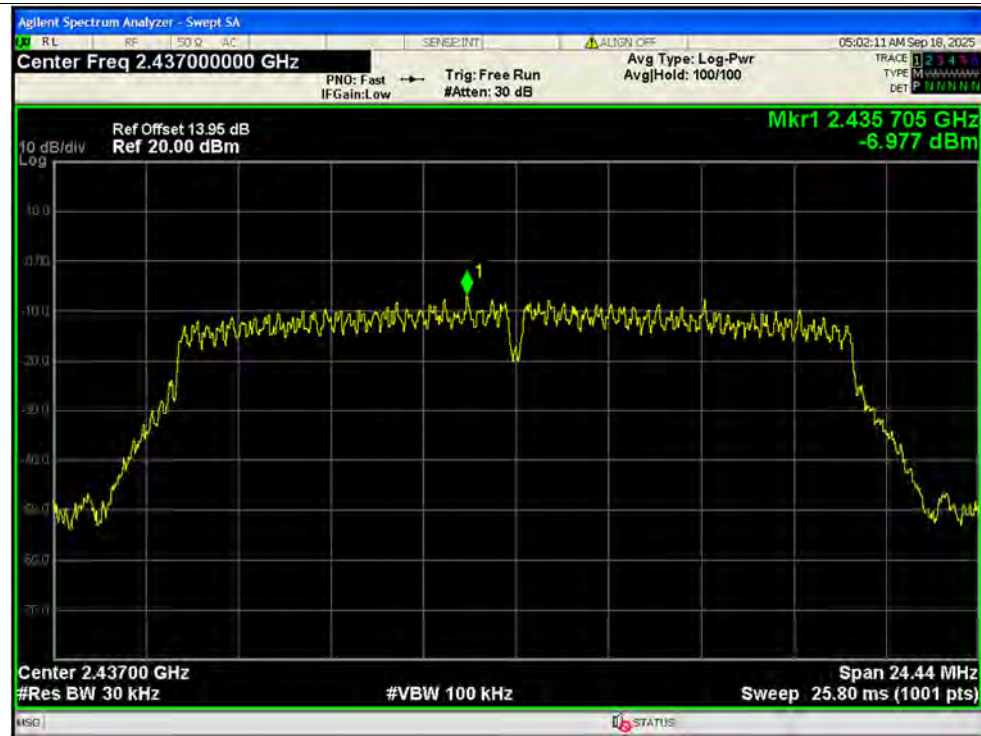
PSD NVNT n20 2412MHz Ant1 MIMO



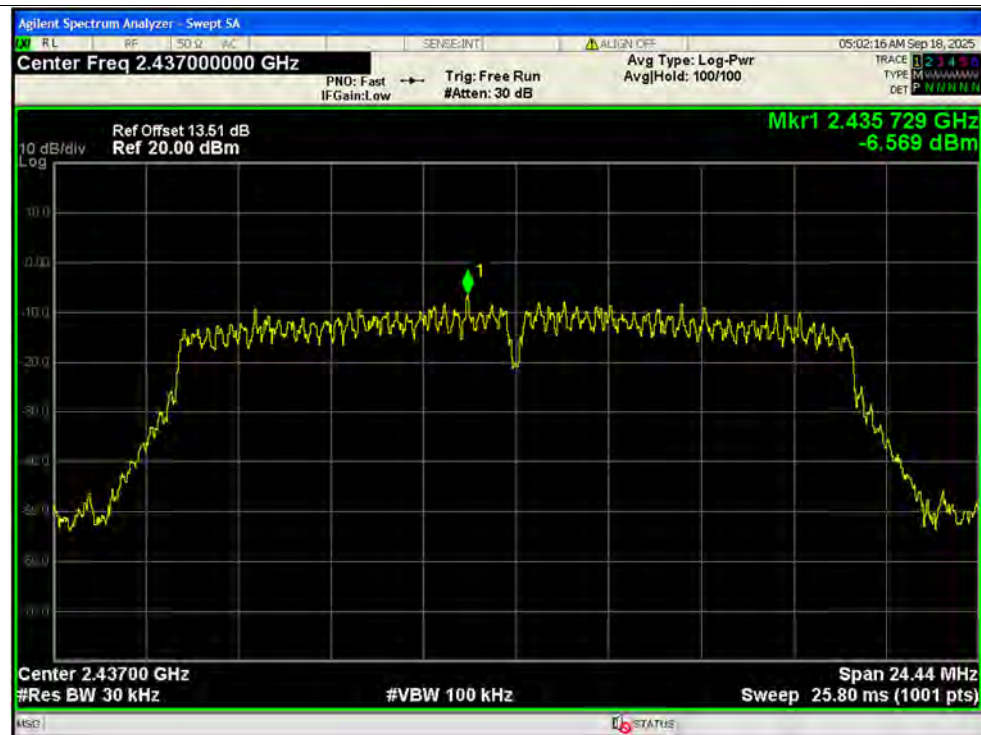
PSD NVNT n20 2412MHz Ant2 MIMO



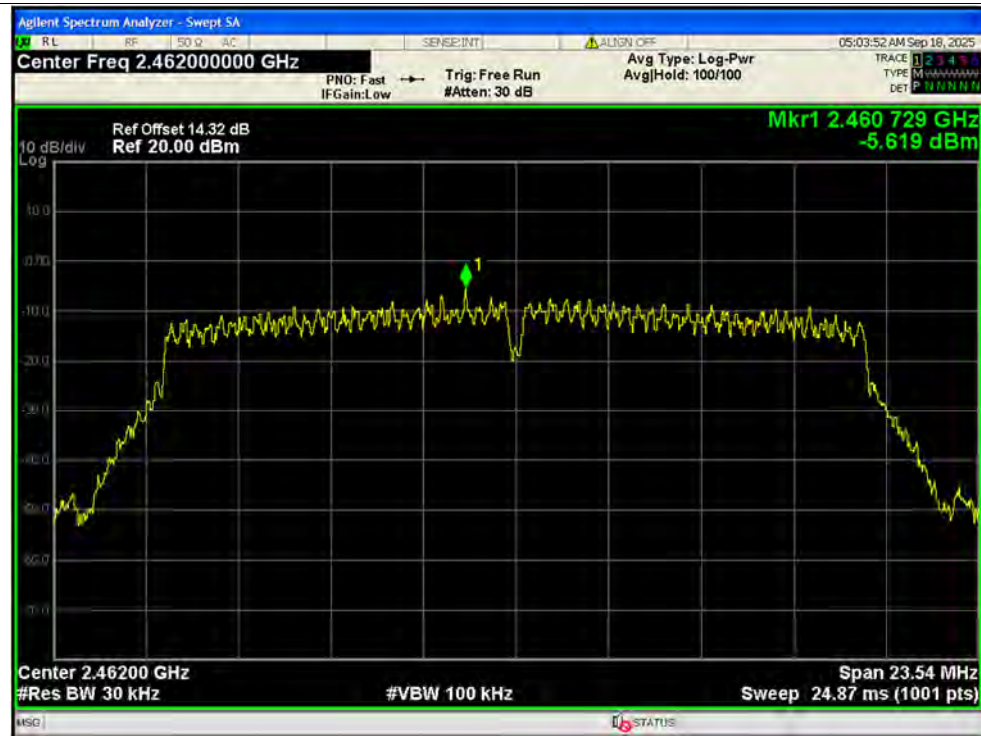
PSD NVNT n20 2437MHz Ant1 MIMO



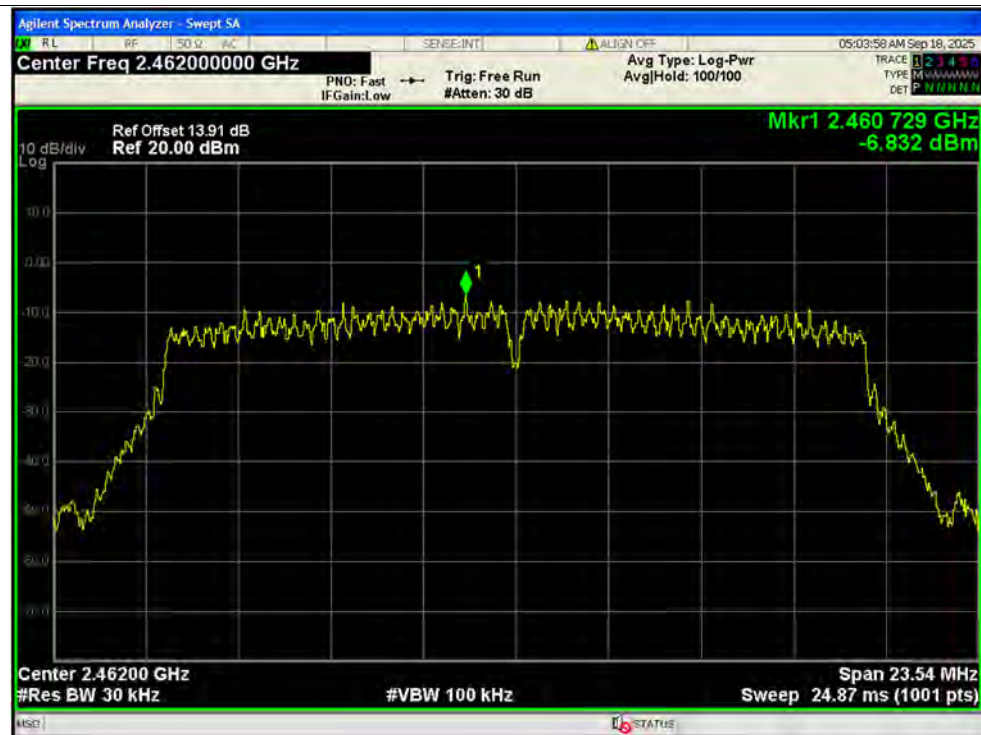
PSD NVNT n20 2437MHz Ant2 MIMO



PSD NVNT n20 2462MHz Ant1 MIMO



PSD NVNT n20 2462MHz Ant2 MIMO



PSD NVNT n40 2422MHz Ant1 SISO



PSD NVNT n40 2437MHz Ant1 SISO



PSD NVNT n40 2452MHz Ant1 SISO



PSD NVNT n40 2422MHz Ant2 SISO



PSD NVNT n40 2437MHz Ant2 SISO



PSD NVNT n40 2452MHz Ant2 SISO



PSD NVNT n40 2422MHz Ant1 MIMO



PSD NVNT n40 2422MHz Ant2 MIMO



PSD NVNT n40 2437MHz Ant1 MIMO



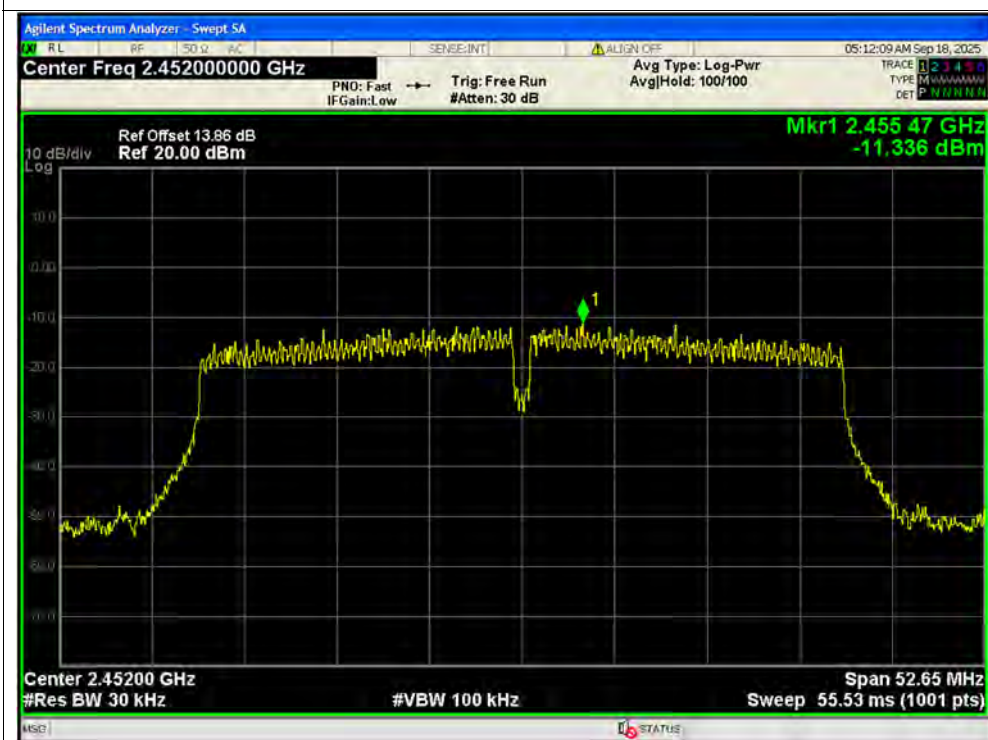
PSD NVNT n40 2437MHz Ant2 MIMO



PSD NVNT n40 2452MHz Ant1 MIMO



PSD NVNT n40 2452MHz Ant2 MIMO





A.8. Conducted Emission

The maximum conducted interference is searched using Peak (PK), if the emission levels more than the AV and QP limits, and that have narrow margins from the AV and QP limits will be re-measured with AV and QP detectors. Tests for both L phase and N phase lines of the power mains connected to the EUT are performed. Set RBW=9kHz, VBW=30kHz. Refer to recorded points and plots below.

Note: Both of the test voltage AC 120V/60Hz and AC 230V/50Hz were considered and tested respectively, only the results of the worst case AC 120V/60Hz were recorded in this report.

A. Test Setup:

Test Mode: EUT+Adapter+USB Cable+PC+WIFI TX

Test voltage: AC 120V/60Hz

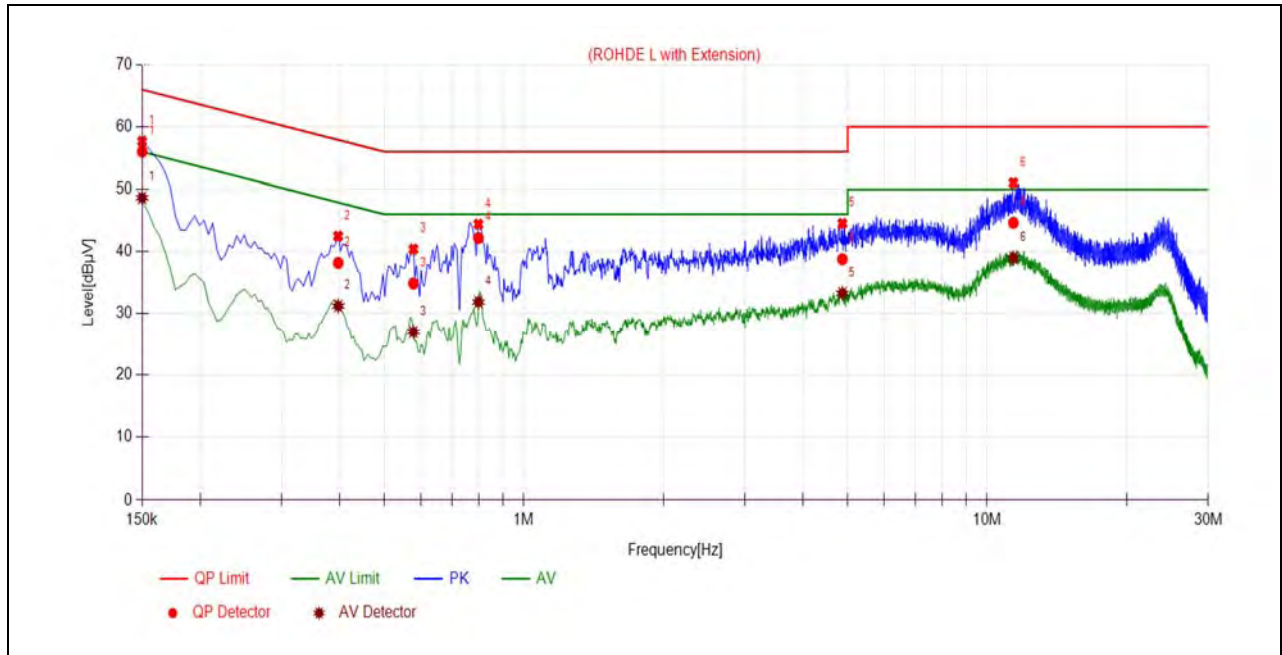
The measurement results are obtained as below:

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

U_R : Receiver Reading

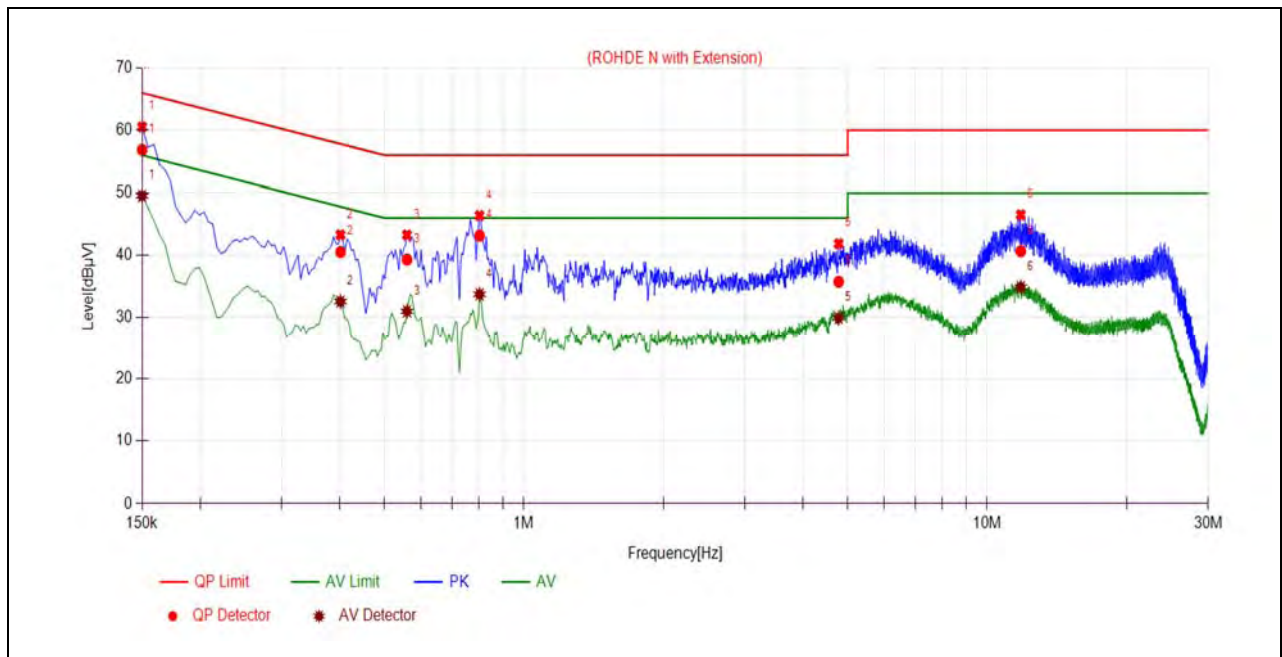
A_{Factor} : Voltage division factor of LISN

B. Test Plot:



(L Phase)

No.	Fre. (MHz)	Emission Level (dBμV)		Limit (dBμV)		Power-line	Verdict
		Quai-peak	Average	Quai-peak	Average		
1	0.1500	56.03	48.67	66.00	56.00	Line	PASS
2	0.3975	38.19	31.25	57.90	47.90		PASS
3	0.5775	34.89	26.99	56.00	46.00		PASS
4	0.7980	42.19	31.89	56.00	46.00		PASS
5	4.8704	38.80	33.32	56.00	46.00		PASS
6	11.3919	44.65	38.99	60.00	50.00		PASS



(N Phase)

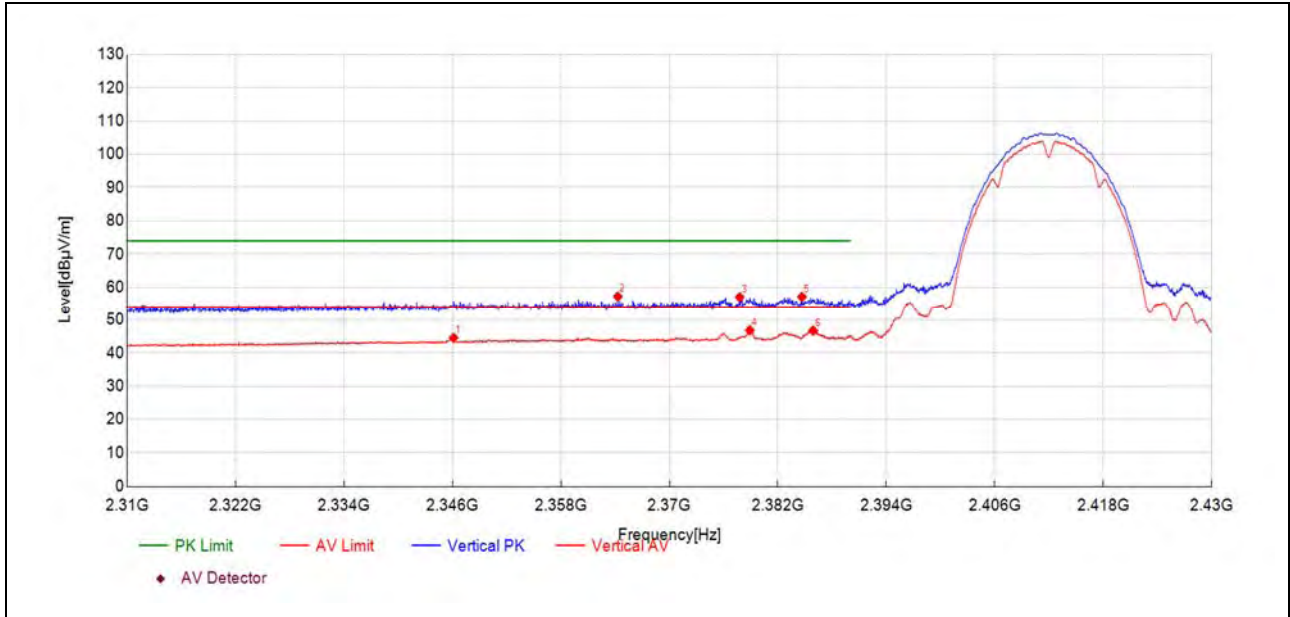
No.	Fre. (MHz)	Emission Level (dBμV)		Limit (dBμV)		Power-line	Verdict
		Quai-peak	Average	Quai-peak	Average		
1	0.1500	56.86	49.55	66.00	56.00	Neutral	PASS
2	0.4020	40.56	32.61	57.81	47.81		PASS
3	0.5595	39.34	31.04	56.00	46.00		PASS
4	0.8024	43.19	33.77	56.00	46.00		PASS
5	4.7807	35.78	29.97	56.00	46.00		PASS
6	11.8192	40.68	34.91	60.00	50.00		PASS

A.9. Restricted Frequency Bands

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.

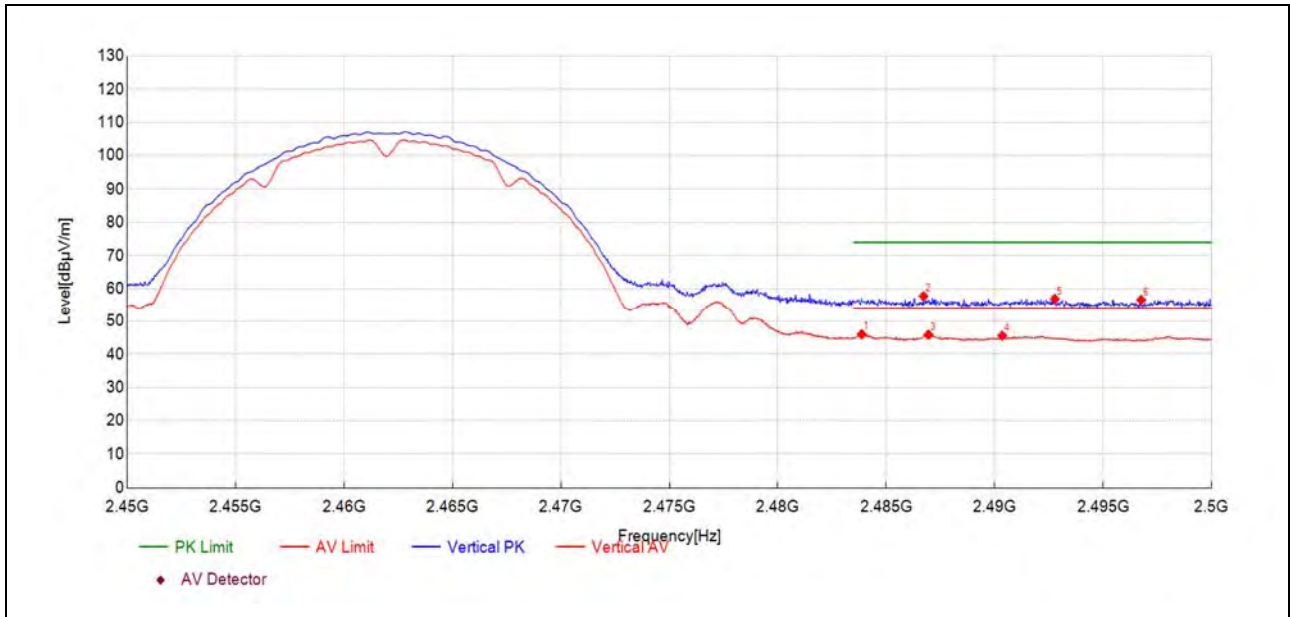
Note 2 All test modes and bandwidth were considered and evaluated respectively by performing full test, only the worst data were recorded for each bandwidth.

802.11b Mode



Fre. (MHz)	Reading [dBμV]	Level [dBμV/m]	Factor [dB/m]	Limit [dBμV/m]	Margin [dB]	Height [cm]	Angle [°]	Detector	Verdict
2346.13	12.2	44.54	32.360	54.00	9.46	150	0	AV	PASS
2364.30	24.8	57.20	32.450	74.00	16.80	150	357	PK	PASS
2377.78	24.5	57.03	32.500	74.00	16.97	150	0	PK	PASS
2378.90	14.3	46.82	32.510	54.00	7.18	150	338	AV	PASS
2384.66	24.6	57.11	32.530	74.00	16.89	150	50	PK	PASS
2385.91	14.2	46.72	32.530	54.00	7.28	150	349	AV	PASS

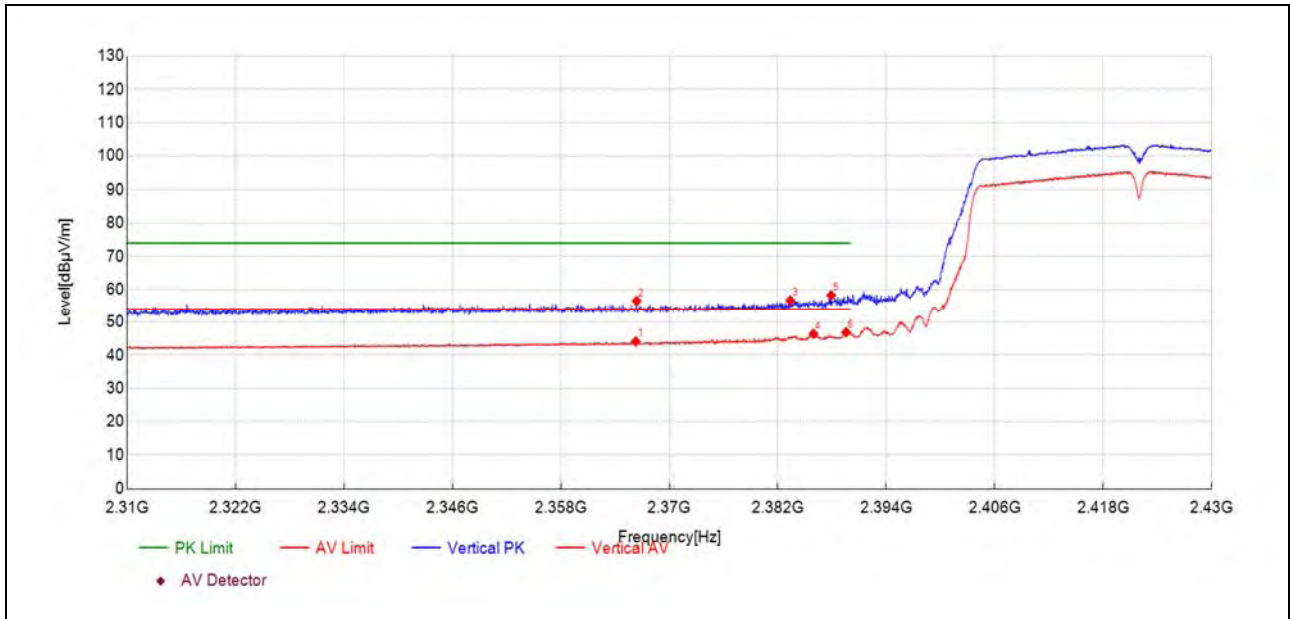
Plot for Channel 11



Fre. (MHz)	Reading [dBμV]	Level [dBμV/m]	Factor [dB/m]	Limit [dBμV/m]	Margin [dB]	Height [cm]	Angle [°]	Detector	Verdict
2483.87	13.0	46.01	33.030	54.00	7.99	150	164	AV	PASS
2486.72	24.7	57.72	33.030	74.00	16.28	150	352	PK	PASS
2486.94	12.8	45.86	33.030	54.00	8.14	150	344	AV	PASS
2490.35	12.6	45.59	33.020	54.00	8.41	150	344	AV	PASS
2492.77	23.9	56.89	33.010	74.00	17.11	150	72	PK	PASS
2496.75	23.6	56.62	33.010	74.00	17.38	150	352	PK	PASS

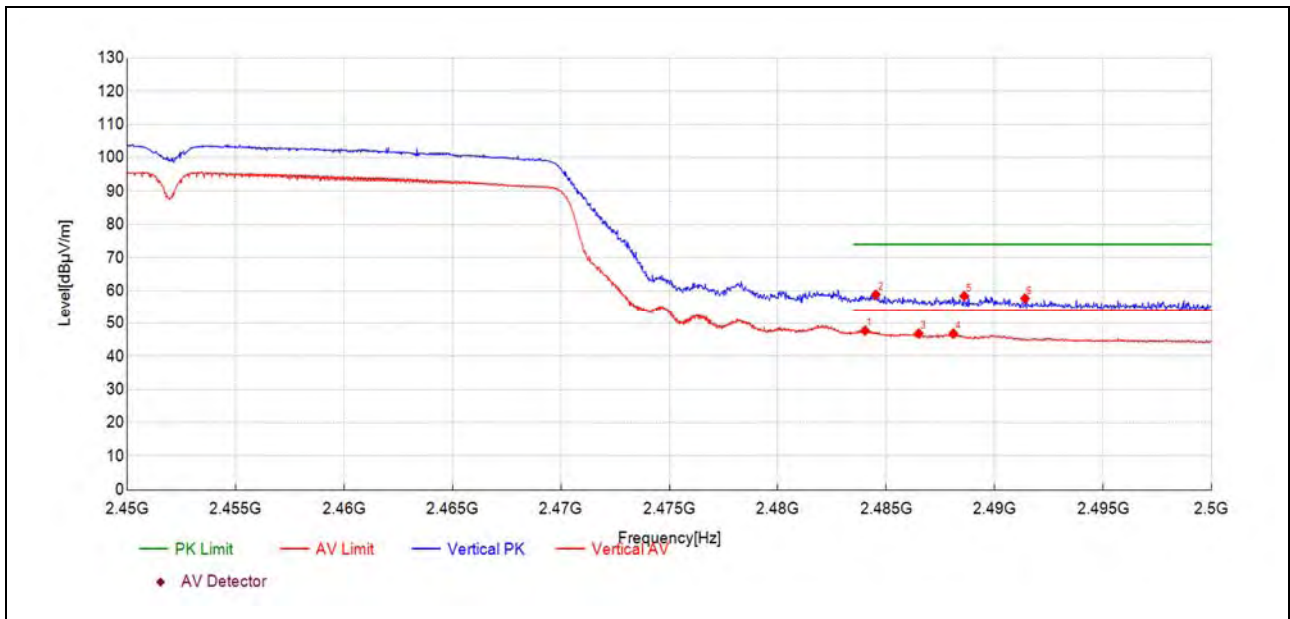
**802.11n (HT40) Mode**

Plot for Channel 3



Fre. (MHz)	Reading [dBμV]	Level [dBμV/m]	Factor [dB/m]	Limit [dBμV/m]	Margin [dB]	Height [cm]	Angle [°]	Detector	Verdict
2366.30	11.7	44.14	32.460	54.00	9.86	150	298	AV	PASS
2366.38	24.1	56.56	32.460	74.00	17.44	150	310	PK	PASS
2383.38	24.2	56.67	32.520	74.00	17.33	150	298	PK	PASS
2385.95	13.9	46.43	32.530	54.00	7.57	150	288	AV	PASS
2387.91	25.7	58.26	32.540	74.00	15.74	150	288	PK	PASS
2389.55	14.4	46.89	32.540	54.00	7.11	150	298	AV	PASS

Plot for Channel 9



Fre. (MHz)	Reading [dBμV]	Level [dBμV/m]	Factor [dB/m]	Limit [dBμV/m]	Margin [dB]	Height [cm]	Angle [°]	Detector	Verdict
2484.02	14.7	47.68	33.030	54.00	6.32	150	296	AV	PASS
2484.52	25.8	58.83	33.030	74.00	15.17	150	276	PK	PASS
2486.49	13.8	46.81	33.030	54.00	7.19	150	276	AV	PASS
2488.09	13.8	46.80	33.020	54.00	7.20	150	296	AV	PASS
2488.59	25.4	58.40	33.020	74.00	15.60	150	276	PK	PASS
2491.40	24.7	57.67	33.020	74.00	16.33	150	317	PK	PASS



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: 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.

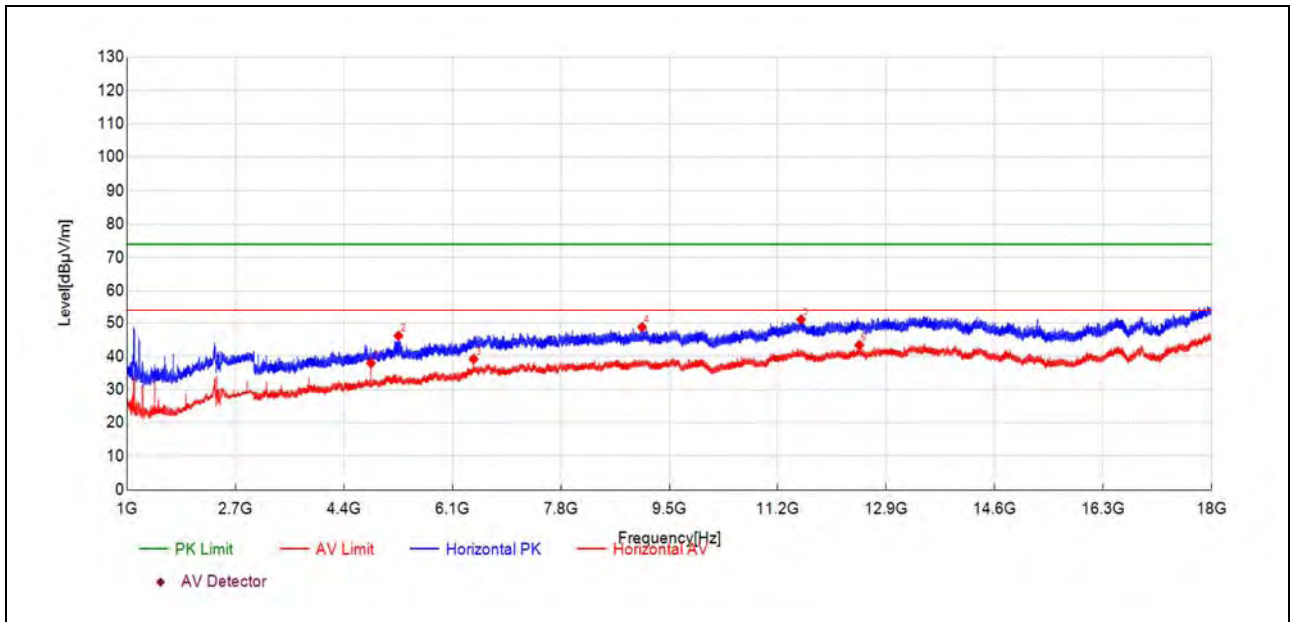
**802.11b Mode**

Plot for Channel 1



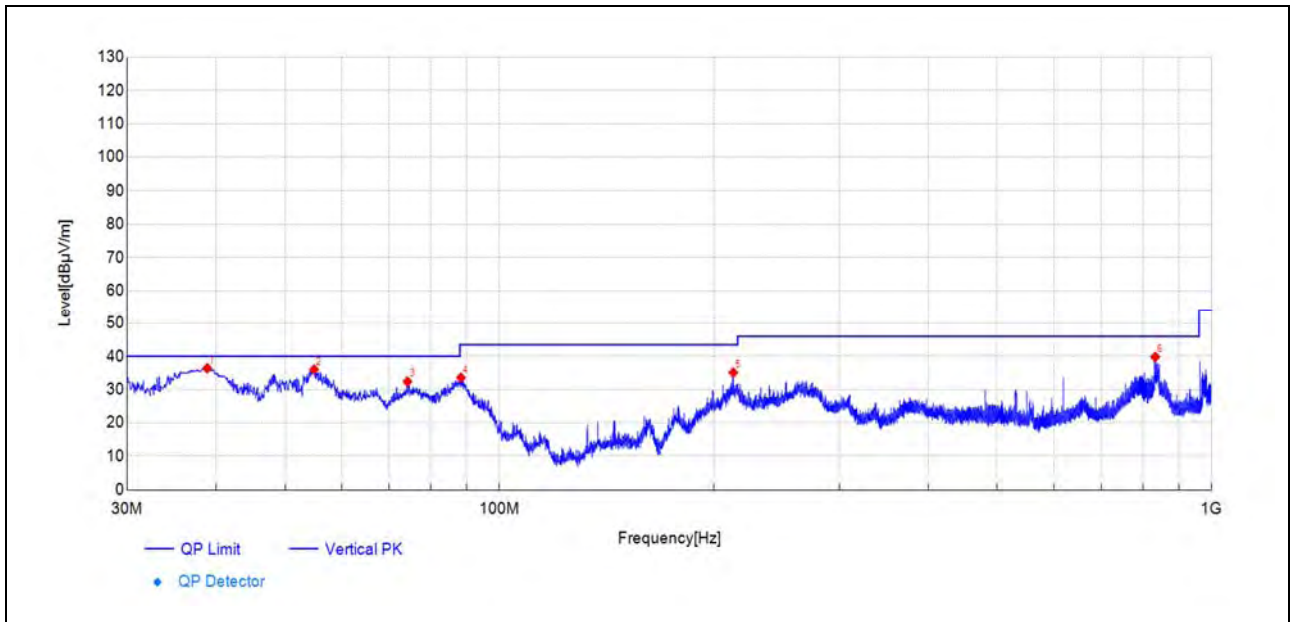
(Antenna Horizontal, 30MHz to 1GHz)

Fre. (MHz)	Reading [dBμV]	Level [dBμV/m]	Factor [dB/m]	Limit [dBμV/m]	Margin [dB]	Height [cm]	Angle [°]	Detector	Verdict
39.23	62.1	32.73	-29.340	40.00	7.27	150	326	PK	PASS
58.10	64.4	34.14	-30.260	40.00	5.86	150	326	PK	PASS
77.50	67.3	31.96	-35.310	40.00	8.04	150	300	PK	PASS
206.08	70.5	40.35	-30.100	43.50	3.15	150	187	PK	PASS
275.28	61.3	33.62	-27.690	46.00	12.38	150	326	PK	PASS
841.03	54.6	38.83	-15.770	46.00	7.17	150	122	PK	PASS



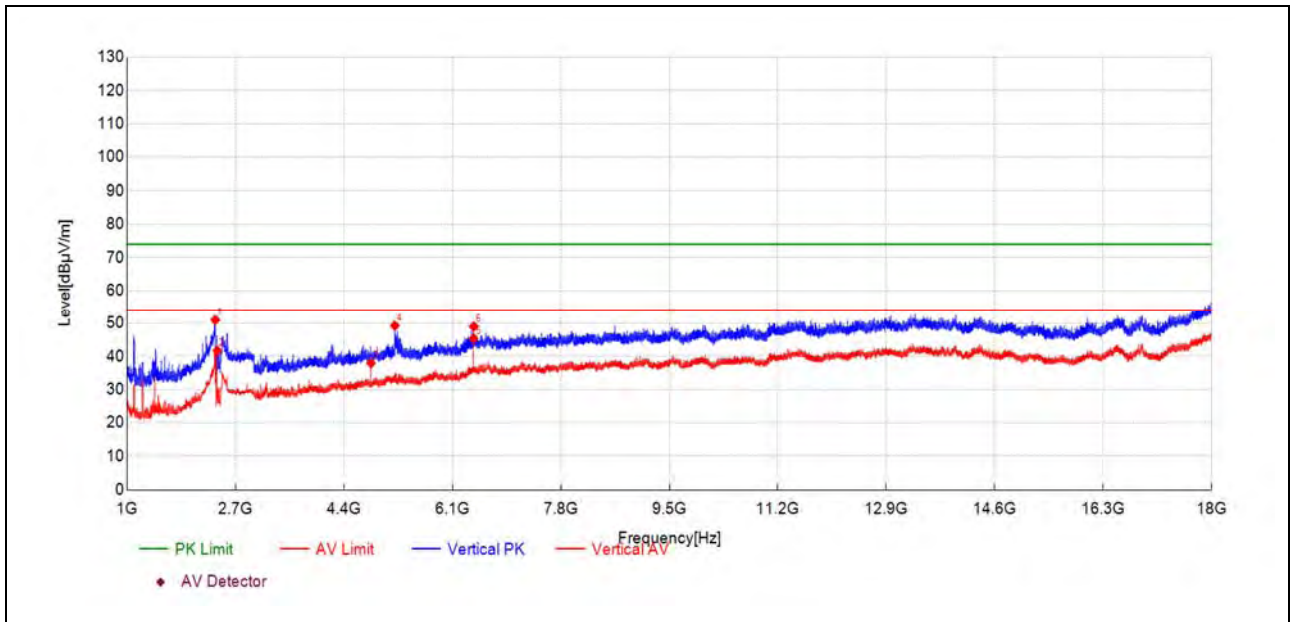
(Antenna Horizontal, 1GHz to 18GHz)

Fre. (MHz)	Reading [dBμV]	Level [dBμV/m]	Factor [dB/m]	Limit [dBμV/m]	Margin [dB]	Height [cm]	Angle [°]	Detector	Verdict
4823.77	48.5	37.92	-10.550	54.00	16.08	150	356	AV	PASS
5253.94	55.4	46.13	-9.290	74.00	27.87	150	145	PK	PASS
6431.72	44.0	39.16	-4.880	54.00	14.84	150	122	AV	PASS
9072.78	51.0	48.75	-2.290	74.00	25.25	150	97	PK	PASS
11564.79	48.2	51.03	2.800	74.00	22.97	150	97	PK	PASS
12476.92	39.6	43.31	3.700	54.00	10.69	150	8	AV	PASS



(Antenna Vertical, 30MHz to 1GHz)

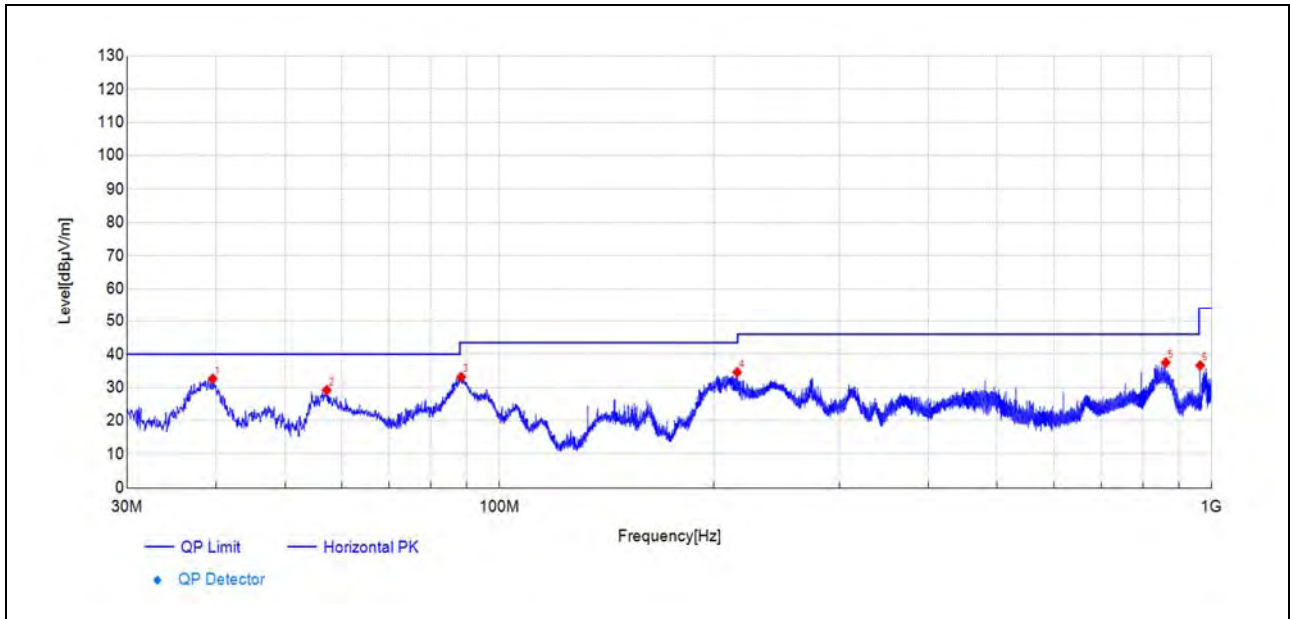
Fre. (MHz)	Reading [dBμV]	Level [dBμV/m]	Factor [dB/m]	Limit [dBμV/m]	Margin [dB]	Height [cm]	Angle [°]	Detector	Verdict
38.88	65.9	36.39	-29.460	40.00	3.61	150	0	PK	PASS
54.93	65.5	36.03	-29.430	40.00	3.97	150	326	PK	PASS
74.27	67.5	32.40	-35.080	40.00	7.60	150	300	PK	PASS
88.32	66.2	33.57	-32.600	43.50	9.93	150	13	PK	PASS
213.02	64.8	35.10	-29.670	43.50	8.40	150	135	PK	PASS
833.15	55.8	39.83	-15.930	46.00	6.17	150	212	PK	PASS



(Antenna Vertical, 1GHz to 18GHz)

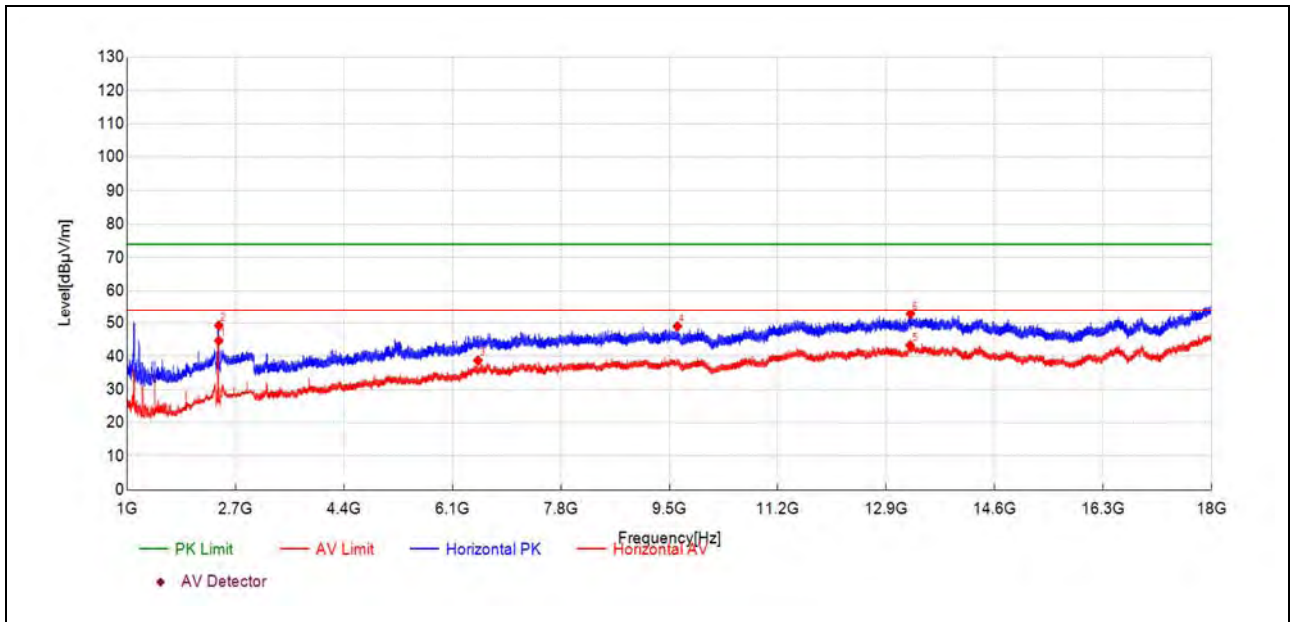
Fre. (MHz)	Reading [dBμV]	Level [dBμV/m]	Factor [dB/m]	Limit [dBμV/m]	Margin [dB]	Height [cm]	Angle [°]	Detector	Verdict
2384.24	50.3	50.97	0.660	74.00	23.03	150	360	PK	PASS
2414.00	40.8	41.66	0.830	-	-	150	352	AV	NA
4823.77	48.5	37.94	-10.550	54.00	16.06	150	8	AV	PASS
5197.81	58.1	49.23	-8.860	74.00	24.77	150	194	PK	PASS
6431.72	50.3	45.40	-4.880	54.00	8.60	150	315	AV	PASS
6432.21	53.9	48.97	-4.880	74.00	25.03	150	289	PK	PASS

Plot for Channel 6



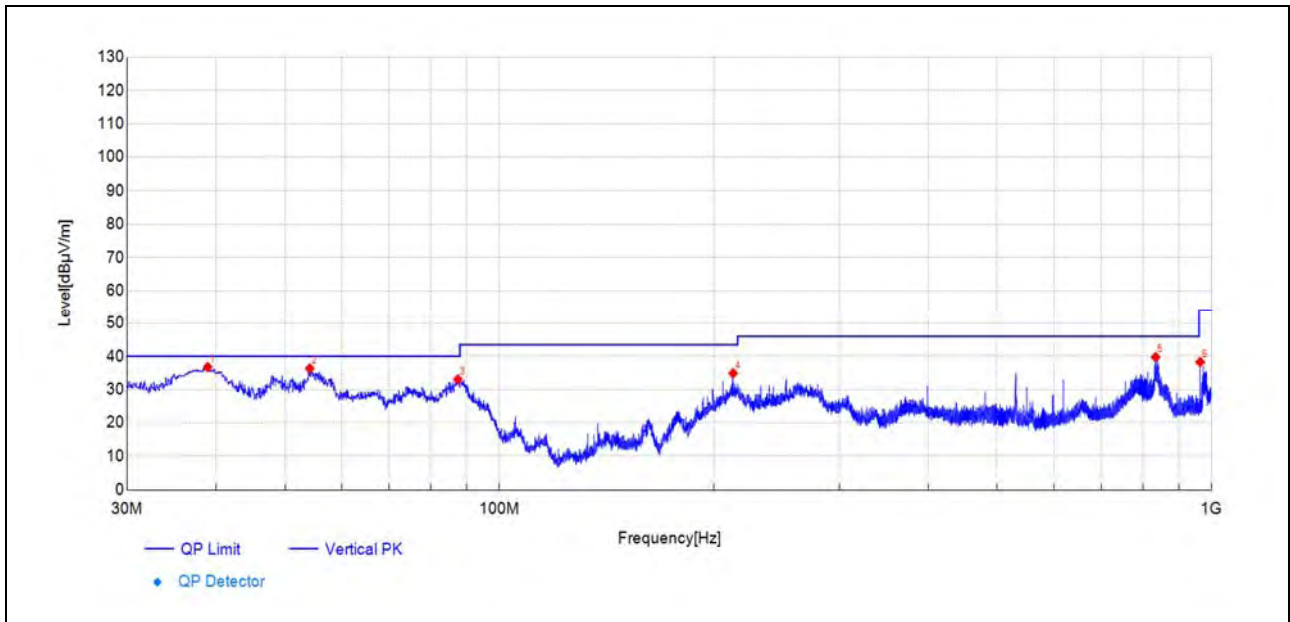
(Antenna Horizontal, 30MHz to 1GHz)

Fre. (MHz)	Reading [dBμV]	Level [dBμV/m]	Factor [dB/m]	Limit [dBμV/m]	Margin [dB]	Height [cm]	Angle [°]	Detector	Verdict
39.58	61.9	32.62	-29.240	40.00	7.38	150	326	PK	PASS
57.22	59.2	29.19	-30.000	40.00	10.81	150	326	PK	PASS
88.38	65.8	33.17	-32.580	43.50	10.33	150	136	PK	PASS
215.66	64.1	34.57	-29.520	43.50	8.93	150	187	PK	PASS
861.78	52.9	37.50	-15.420	46.00	8.50	150	48	PK	PASS
963.49	50.6	36.62	-13.940	54.00	17.38	150	200	PK	PASS



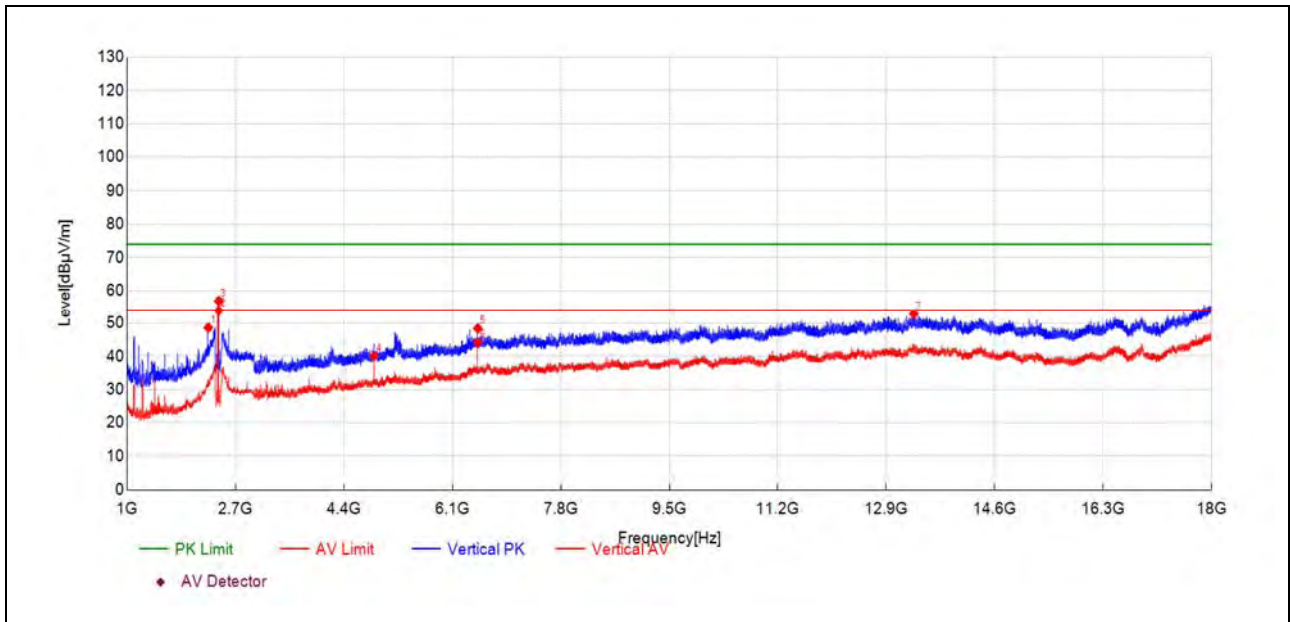
(Antenna Horizontal, 1GHz to 18GHz)

Fre. (MHz)	Reading [dBμV]	Level [dBμV/m]	Factor [dB/m]	Limit [dBμV/m]	Margin [dB]	Height [cm]	Angle [°]	Detector	Verdict
2437.91	43.7	44.67	0.990	-	-	150	34	AV	NA
2438.40	48.2	49.23	0.990	-	-	150	34	PK	NA
6498.50	43.3	38.70	-4.550	54.00	15.30	150	192	AV	PASS
9626.83	50.5	49.02	-1.440	74.00	24.98	150	25	PK	PASS
13273.88	38.1	43.28	5.210	54.00	10.72	150	25	AV	PASS
13278.72	47.5	52.80	5.270	74.00	21.20	150	73	PK	PASS



(Antenna Vertical, 30MHz to 1GHz)

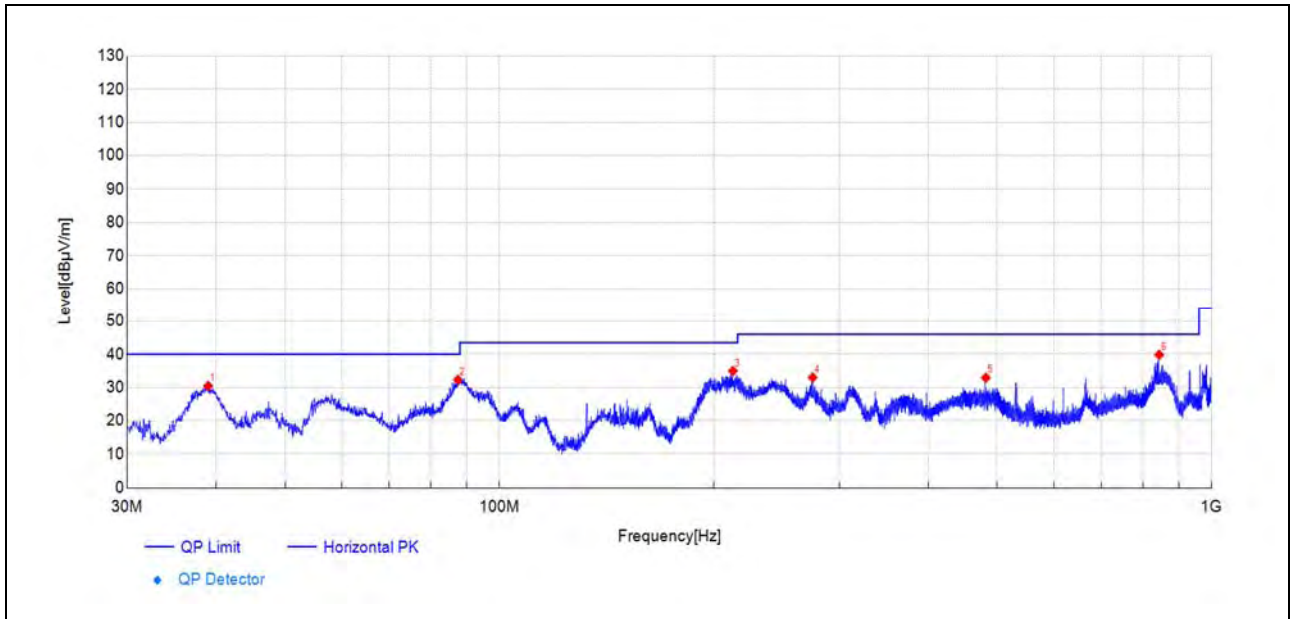
Fre. (MHz)	Reading [dBμV]	Level [dBμV/m]	Factor [dB/m]	Limit [dBμV/m]	Margin [dB]	Height [cm]	Angle [°]	Detector	Verdict
38.94	66.2	36.75	-29.430	40.00	3.25	150	360	PK	PASS
54.16	65.6	36.31	-29.270	40.00	3.69	150	173	PK	PASS
87.44	66.0	33.05	-32.970	40.00	6.95	150	47	PK	PASS
212.84	64.6	34.87	-29.680	43.50	8.63	150	135	PK	PASS
834.21	55.7	39.79	-15.910	46.00	6.21	150	224	PK	PASS
963.49	52.2	38.27	-13.940	54.00	15.73	150	299	PK	PASS



(Antenna Vertical, 1GHz to 18GHz)

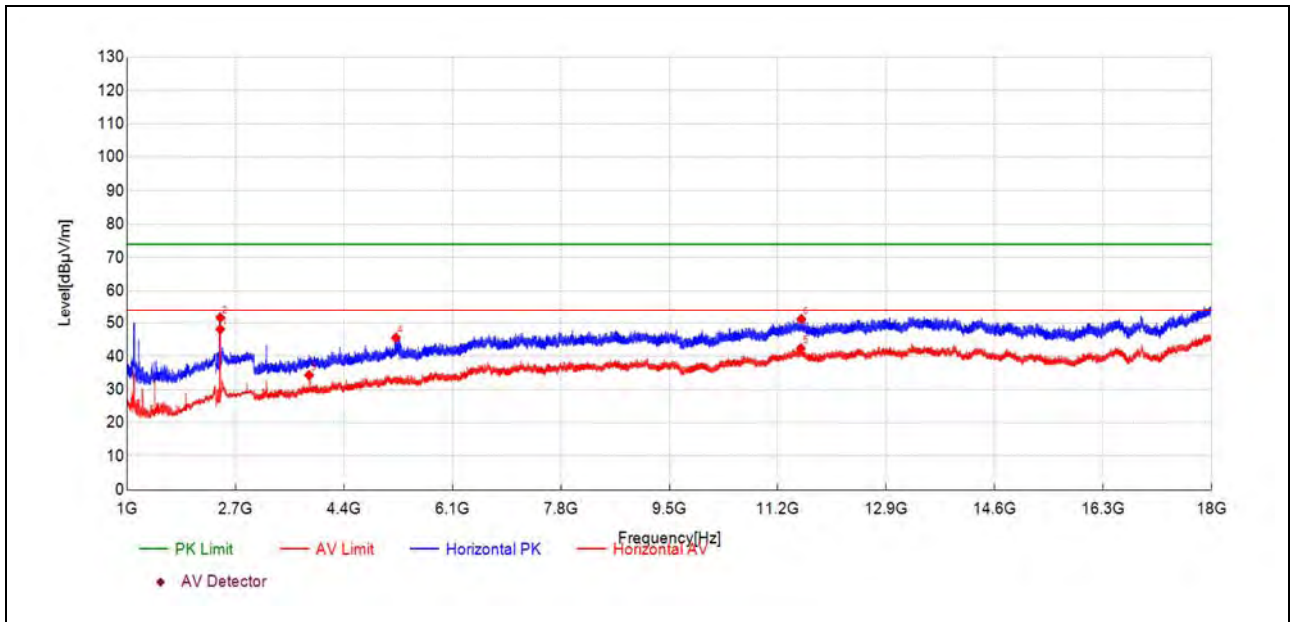
Fre. (MHz)	Reading [dBμV]	Level [dBμV/m]	Factor [dB/m]	Limit [dBμV/m]	Margin [dB]	Height [cm]	Angle [°]	Detector	Verdict
2274.46	49.4	48.63	-0.810	74.00	25.37	150	344	PK	PASS
2437.91	52.8	53.83	0.990	-	-	150	351	AV	NA
2437.91	55.9	56.87	0.990	-	-	150	344	PK	NA
4873.61	50.2	40.08	-10.070	54.00	13.92	150	240	AV	PASS
6498.02	52.9	48.39	-4.550	74.00	25.61	150	240	PK	PASS
6498.50	48.8	44.21	-4.550	54.00	9.79	150	314	AV	PASS
13331.46	47.6	52.79	5.240	74.00	21.21	150	193	PK	PASS

Plot for Channel 11



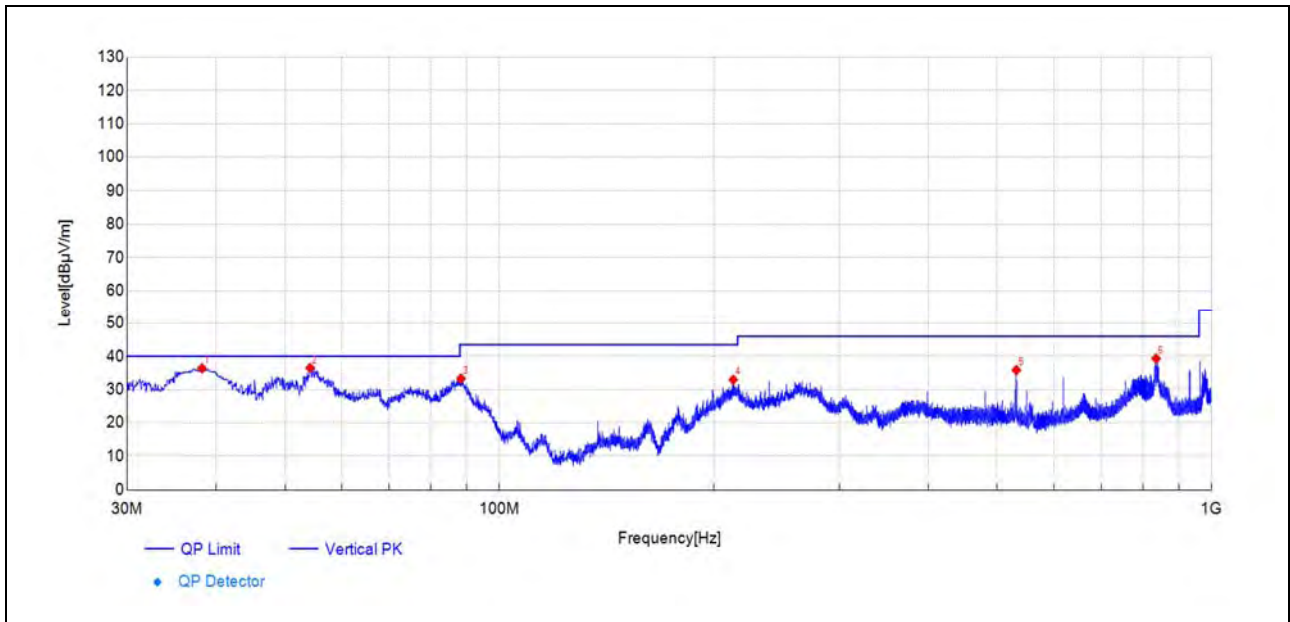
(Antenna Horizontal, 30MHz to 1GHz)

Fre. (MHz)	Reading [dBμV]	Level [dBμV/m]	Factor [dB/m]	Limit [dBμV/m]	Margin [dB]	Height [cm]	Angle [°]	Detector	Verdict
39.00	59.9	30.44	-29.410	40.00	9.56	150	200	PK	PASS
87.44	65.3	32.30	-32.970	40.00	7.70	150	301	PK	PASS
212.72	64.6	34.95	-29.680	43.50	8.55	150	200	PK	PASS
275.28	60.7	33.02	-27.690	46.00	12.98	150	360	PK	PASS
481.75	55.2	32.93	-22.290	46.00	13.07	150	86	PK	PASS
843.79	55.5	39.85	-15.660	46.00	6.15	150	48	PK	PASS



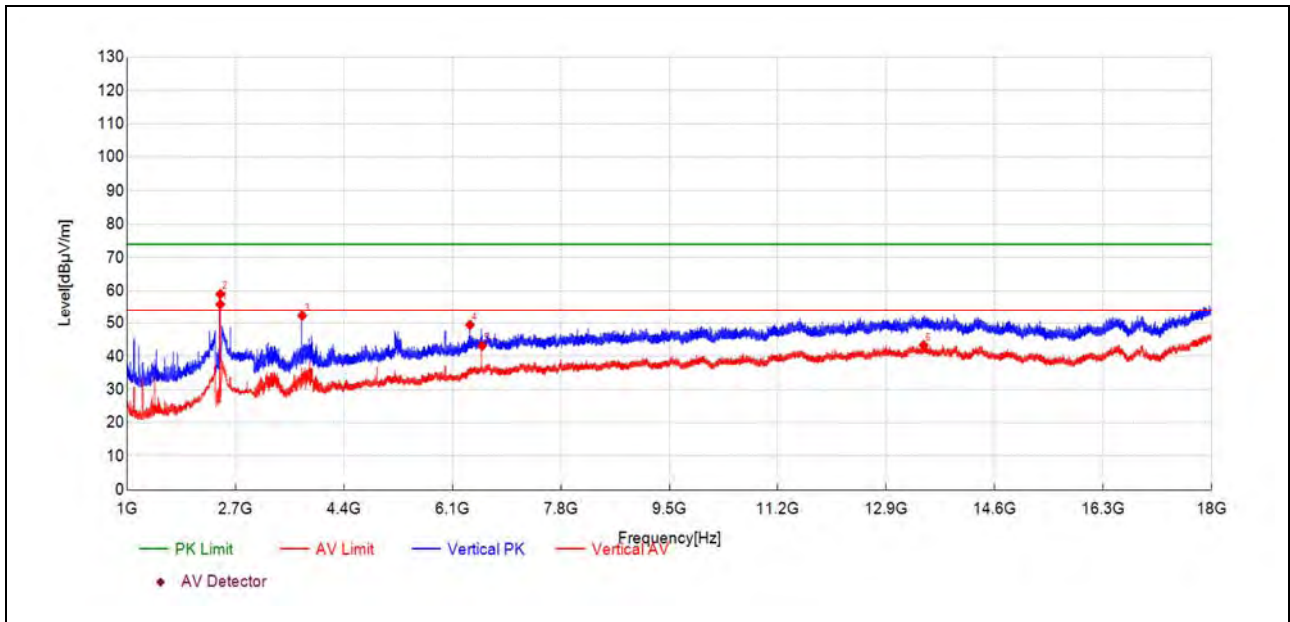
(Antenna Horizontal, 1GHz to 18GHz)

Fre. (MHz)	Reading [dBμV]	Level [dBμV/m]	Factor [dB/m]	Limit [dBμV/m]	Margin [dB]	Height [cm]	Angle [°]	Detector	Verdict
2461.33	47.1	48.15	1.020	-	-	150	33	AV	NA
2462.31	50.6	51.60	1.020	-	-	150	33	PK	NA
3853.58	47.8	34.31	-13.440	54.00	19.69	150	336	AV	PASS
5214.26	54.6	45.57	-8.990	74.00	28.43	150	221	PK	PASS
11560.44	39.6	42.37	2.780	54.00	11.63	150	0	AV	PASS
11568.66	48.4	51.17	2.800	74.00	22.83	150	0	PK	PASS



(Antenna Vertical, 30MHz to 1GHz)

Fre. (MHz)	Reading [dBμV]	Level [dBμV/m]	Factor [dB/m]	Limit [dBμV/m]	Margin [dB]	Height [cm]	Angle [°]	Detector	Verdict
38.23	66.0	36.36	-29.650	40.00	3.64	150	189	PK	PASS
54.22	65.8	36.49	-29.280	40.00	3.51	150	213	PK	PASS
88.32	65.9	33.26	-32.600	43.50	10.24	150	61	PK	PASS
212.96	62.6	32.93	-29.670	43.50	10.57	150	123	PK	PASS
531.78	57.3	35.86	-21.400	46.00	10.14	150	0	PK	PASS
835.44	55.2	39.32	-15.890	46.00	6.68	150	213	PK	PASS



(Antenna Vertical, 1GHz to 18GHz)

Fre. (MHz)	Reading [dBμV]	Level [dBμV/m]	Factor [dB/m]	Limit [dBμV/m]	Margin [dB]	Height [cm]	Angle [°]	Detector	Verdict
2461.33	54.9	55.90	1.020	-	-	150	345	AV	NA
2462.31	58.0	58.98	1.020	-	-	150	345	PK	NA
3745.19	66.1	52.23	-13.820	74.00	21.77	150	96	PK	PASS
6376.08	54.9	49.43	-5.440	74.00	24.57	150	47	PK	PASS
6565.28	47.7	43.17	-4.500	54.00	10.83	150	312	AV	PASS
13484.37	38.6	43.30	4.710	54.00	10.70	150	121	AV	PASS

END OF REPORT