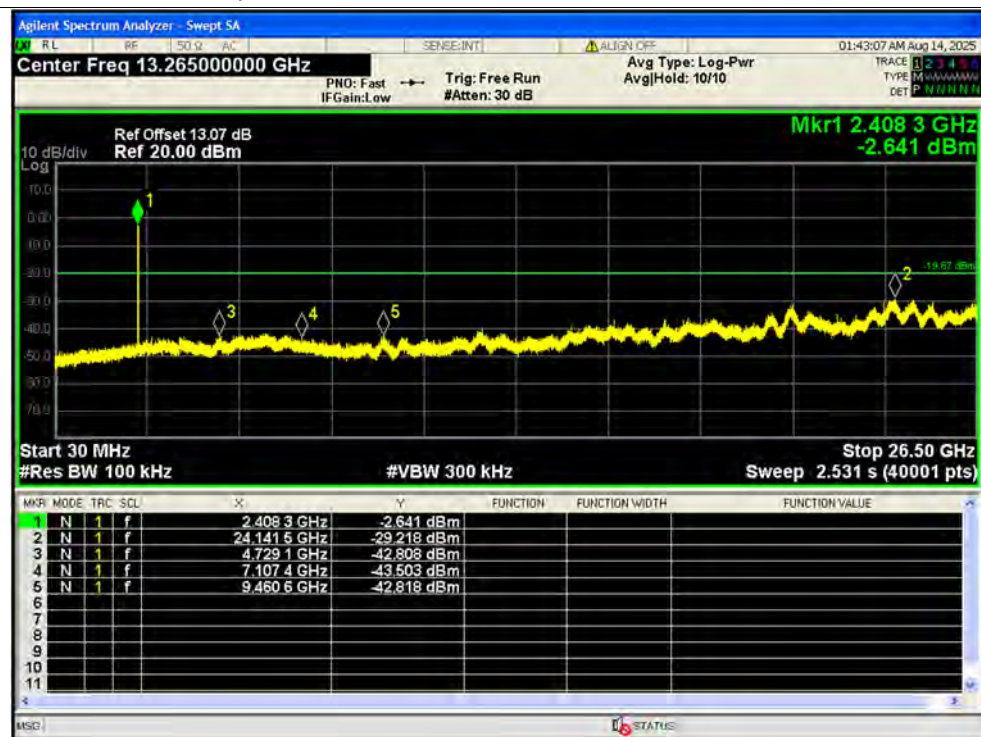


Tx. Spurious NVNT n20 2412MHz Ant1 Ref SISO



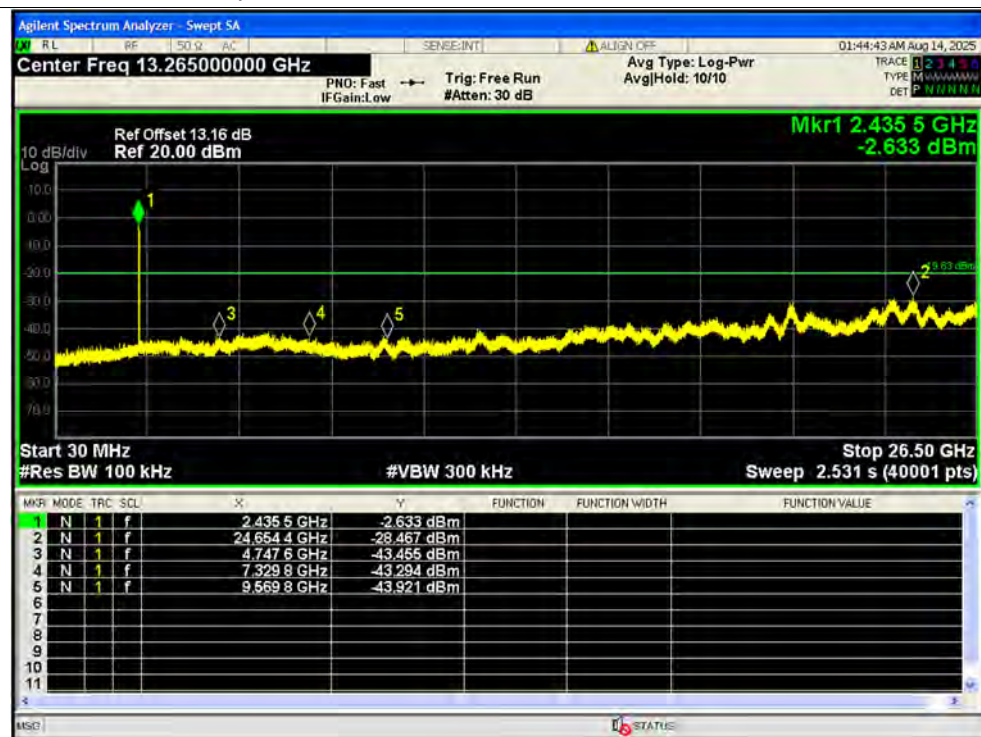
Tx. Spurious NVNT n20 2412MHz Ant1 Emission SISO



Tx. Spurious NVNT n20 2437MHz Ant1 Ref SISO



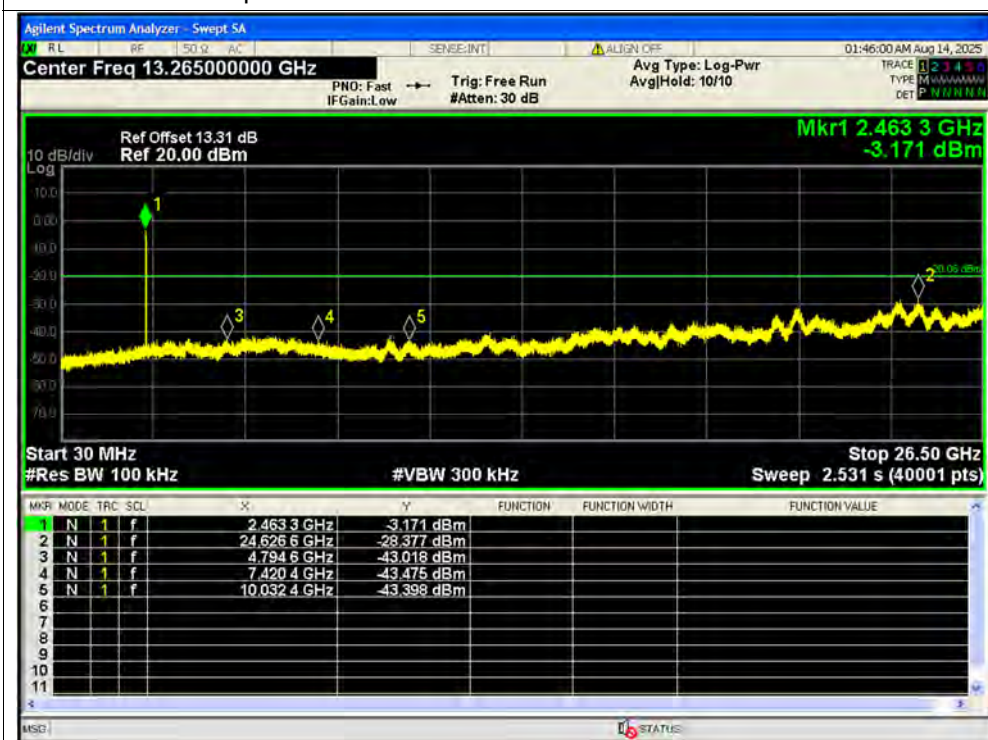
Tx. Spurious NVNT n20 2437MHz Ant1 Emission SISO



Tx. Spurious NVNT n20 2462MHz Ant1 Ref SISO



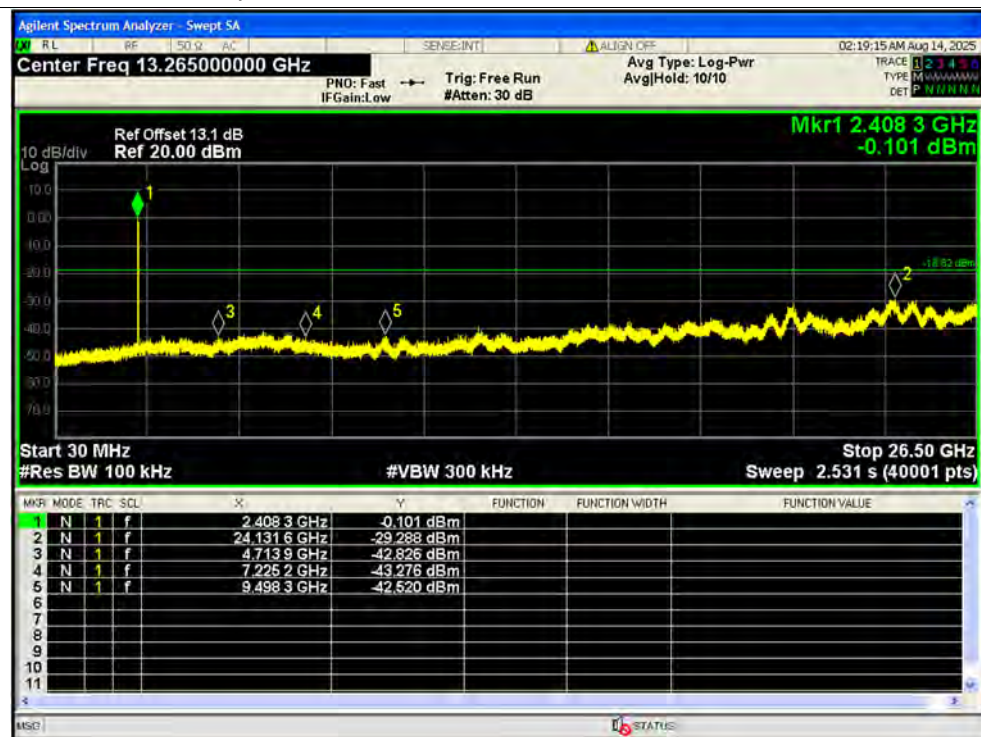
Tx. Spurious NVNT n20 2462MHz Ant1 Emission SISO



Tx. Spurious NVNT n20 2412MHz Ant2 Ref SISO



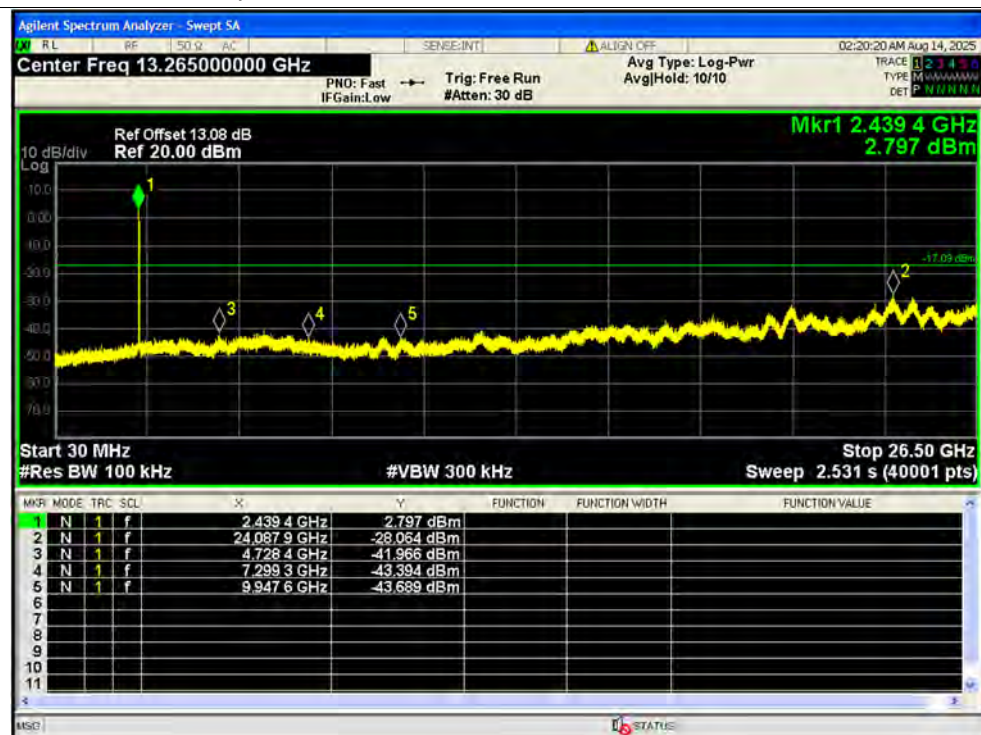
Tx. Spurious NVNT n20 2412MHz Ant2 Emission SISO



Tx. Spurious NVNT n20 2437MHz Ant2 Ref SISO



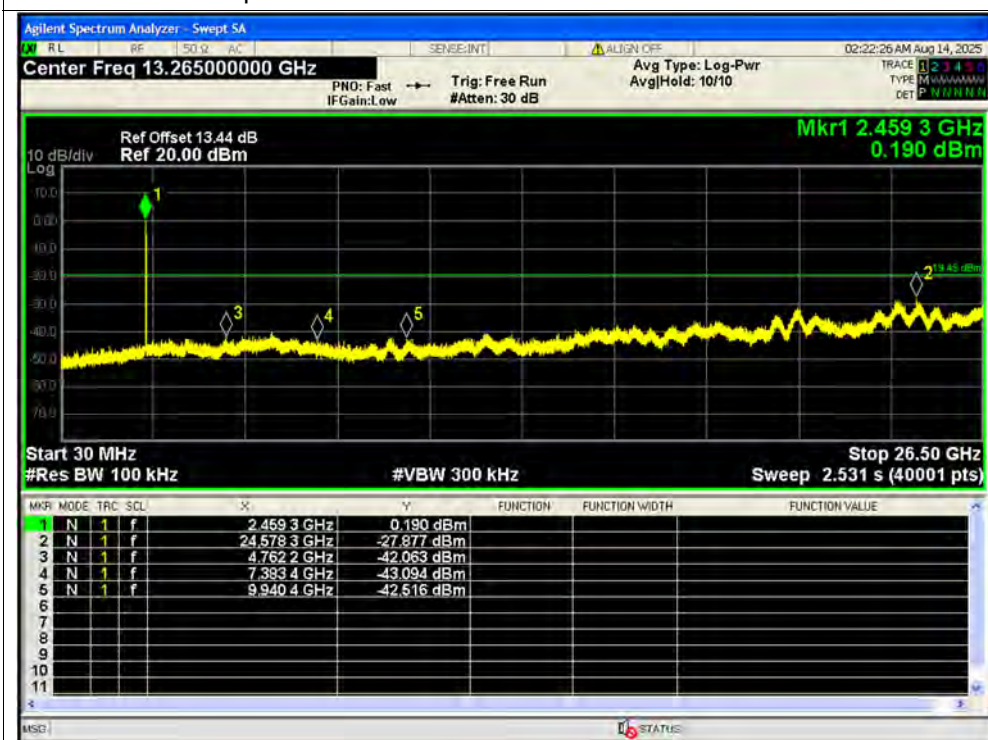
Tx. Spurious NVNT n20 2437MHz Ant2 Emission SISO



Tx. Spurious NVNT n20 2462MHz Ant2 Ref SISO



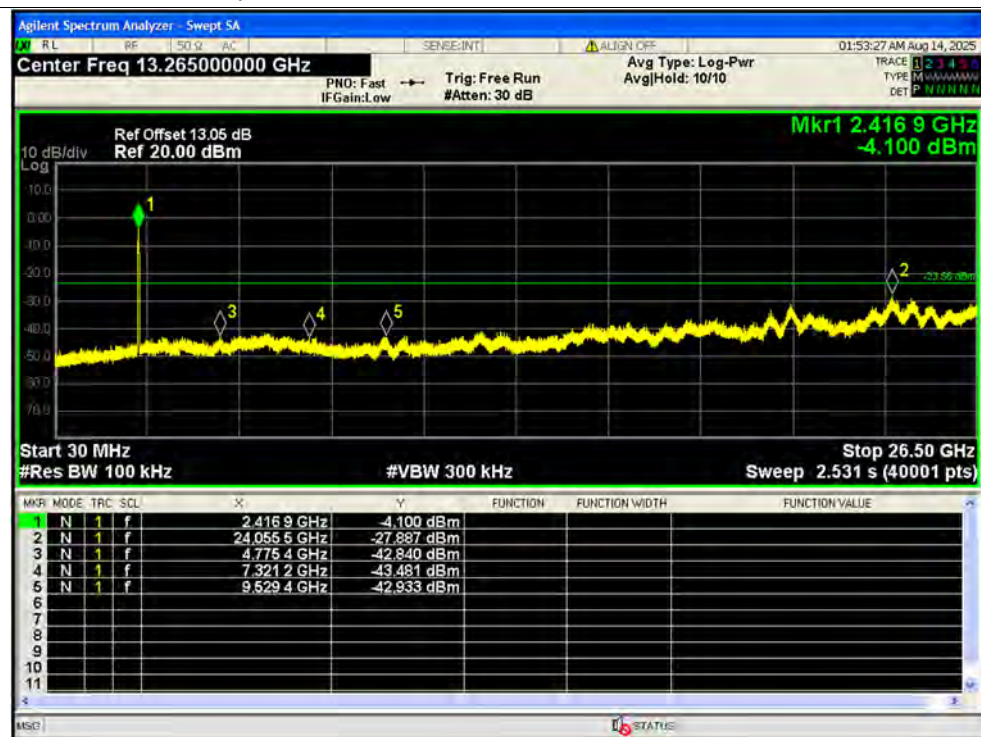
Tx. Spurious NVNT n20 2462MHz Ant2 Emission SISO



Tx. Spurious NVNT n40 2422MHz Ant1 Ref SISO



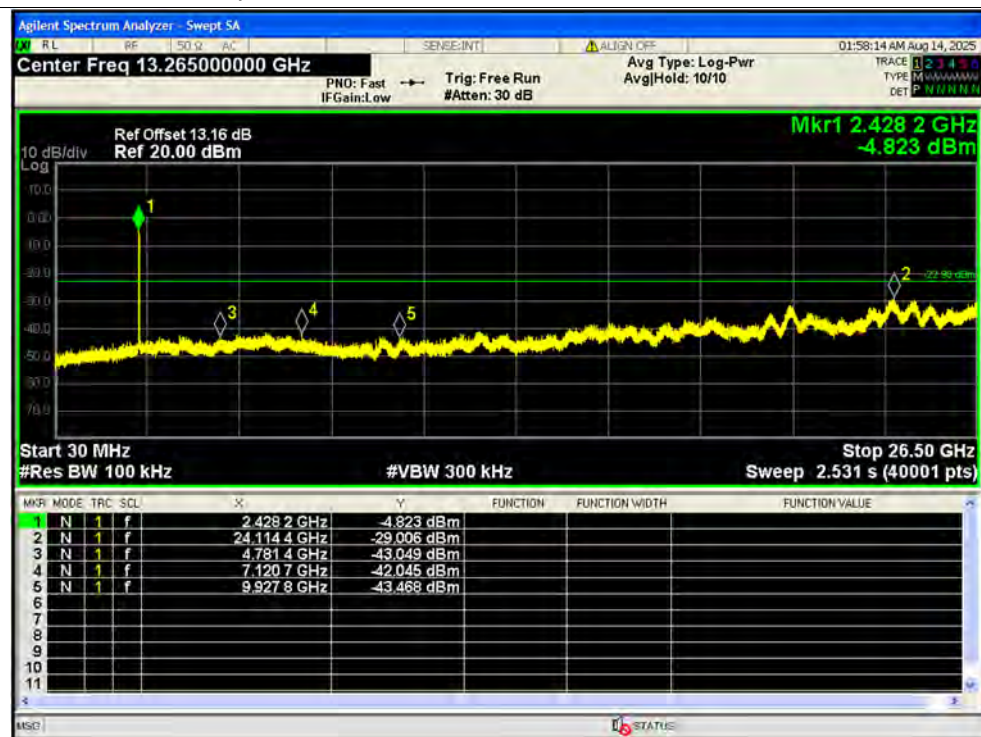
Tx. Spurious NVNT n40 2422MHz Ant1 Emission SISO



Tx. Spurious NVNT n40 2437MHz Ant1 Ref SISO



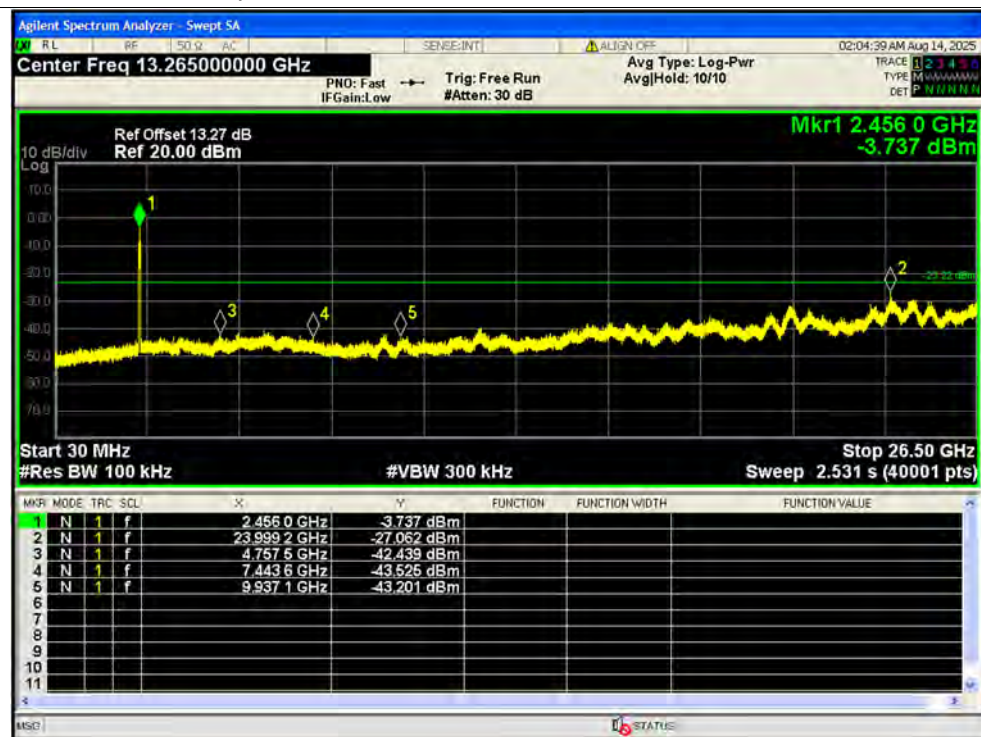
Tx. Spurious NVNT n40 2437MHz Ant1 Emission SISO



Tx. Spurious NVNT n40 2452MHz Ant1 Ref SISO



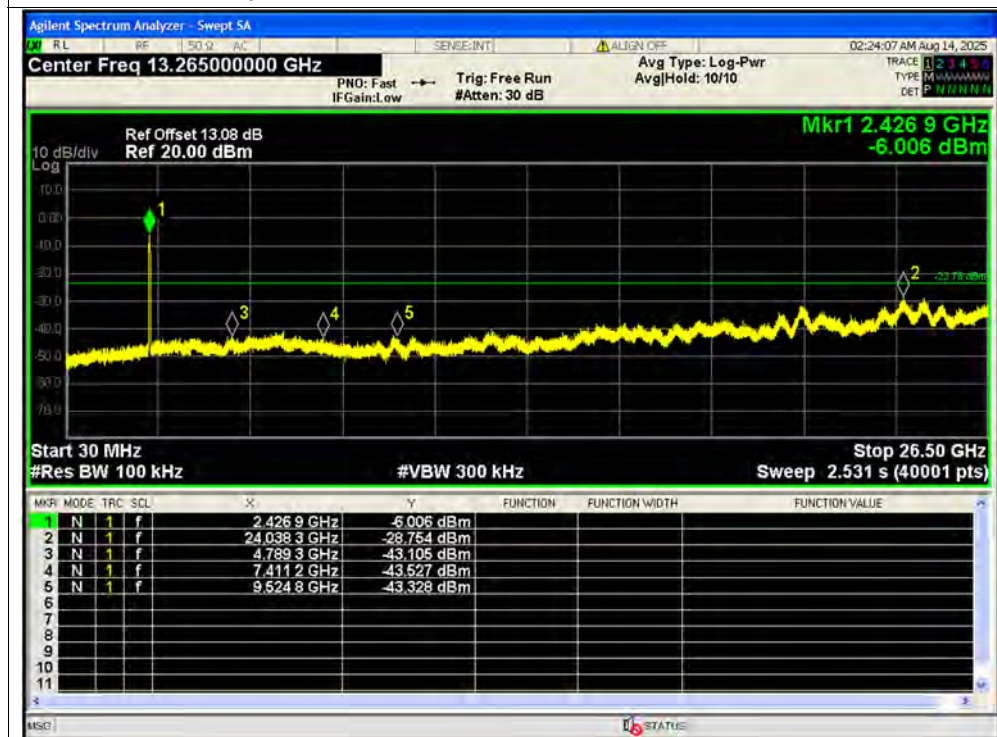
Tx. Spurious NVNT n40 2452MHz Ant1 Emission SISO



Tx. Spurious NVNT n40 2422MHz Ant2 Ref SISO



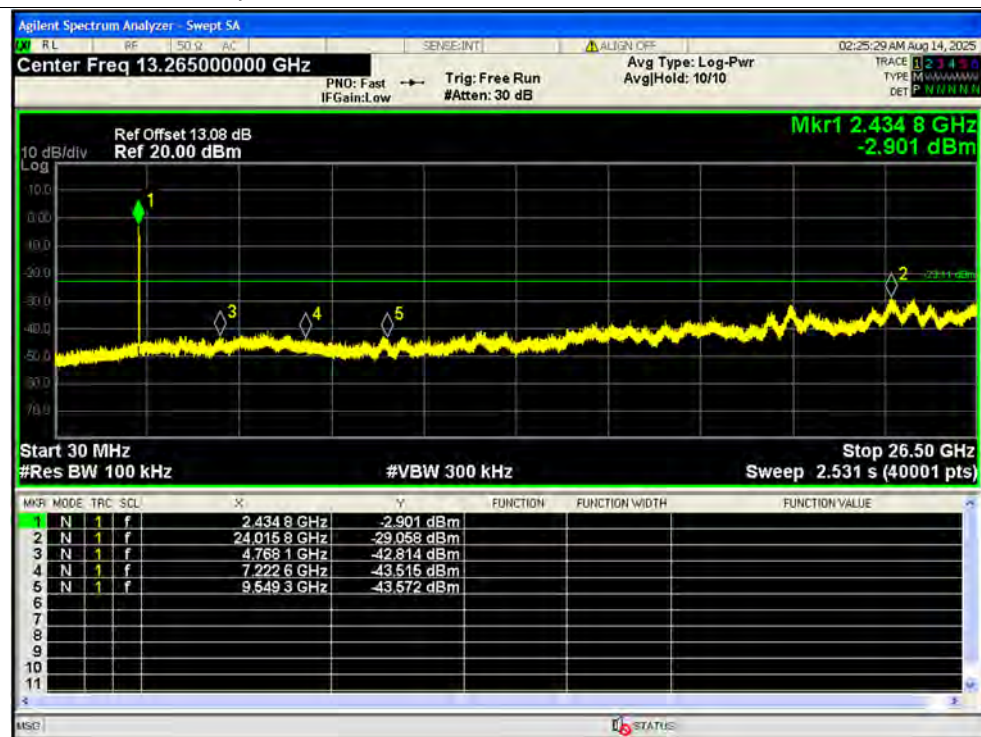
Tx. Spurious NVNT n40 2422MHz Ant2 Emission SISO



Tx. Spurious NVNT n40 2437MHz Ant2 Ref SISO



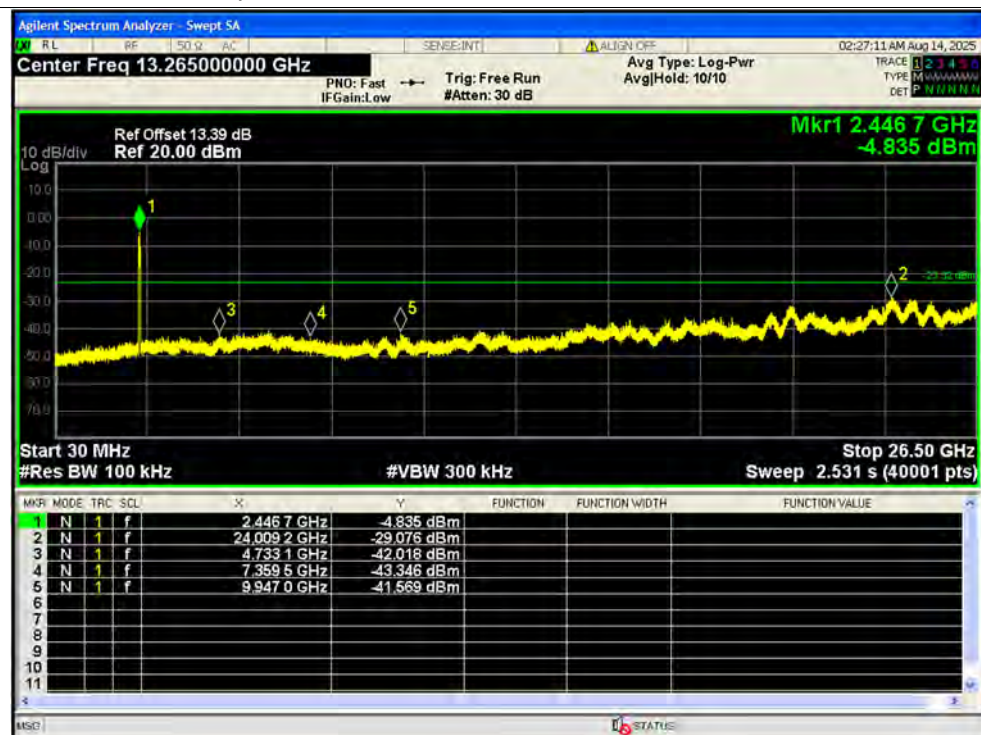
Tx. Spurious NVNT n40 2437MHz Ant2 Emission SISO



Tx. Spurious NVNT n40 2452MHz Ant2 Ref SISO



Tx. Spurious NVNT n40 2452MHz Ant2 Emission SISO



**A.6. Band Edge**

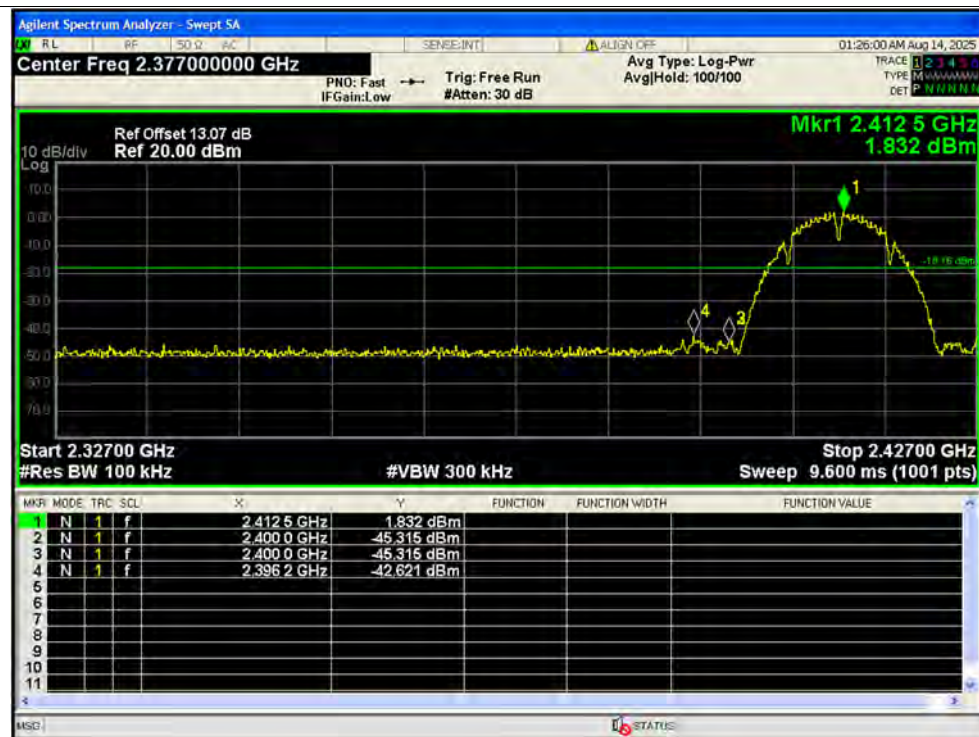
Condition	Mode	Frequency (MHz)	Antenna	Max Value (dBc)	Limit (dBc)	Verdict
NVNT	b SISO	2412	Ant1	-44.47	-20	Pass
NVNT	b SISO	2462	Ant1	-49.03	-20	Pass
NVNT	b SISO	2412	Ant2	-45	-20	Pass
NVNT	b SISO	2462	Ant2	-49.43	-20	Pass
NVNT	g SISO	2412	Ant1	-44.85	-20	Pass
NVNT	g SISO	2462	Ant1	-46.48	-20	Pass
NVNT	g SISO	2412	Ant2	-44.27	-20	Pass
NVNT	g SISO	2462	Ant2	-47.23	-20	Pass
NVNT	n20 SISO	2412	Ant1	-43.46	-20	Pass
NVNT	n20 SISO	2462	Ant1	-46.2	-20	Pass
NVNT	n20 SISO	2412	Ant2	-43.45	-20	Pass
NVNT	n20 SISO	2462	Ant2	-46.61	-20	Pass
NVNT	n40 SISO	2422	Ant1	-39.27	-20	Pass
NVNT	n40 SISO	2452	Ant1	-41.26	-20	Pass
NVNT	n40 SISO	2422	Ant2	-39.95	-20	Pass
NVNT	n40 SISO	2452	Ant2	-42	-20	Pass

Test Graphs

Band Edge NVNT b 2412MHz Ant1 Ref SISO



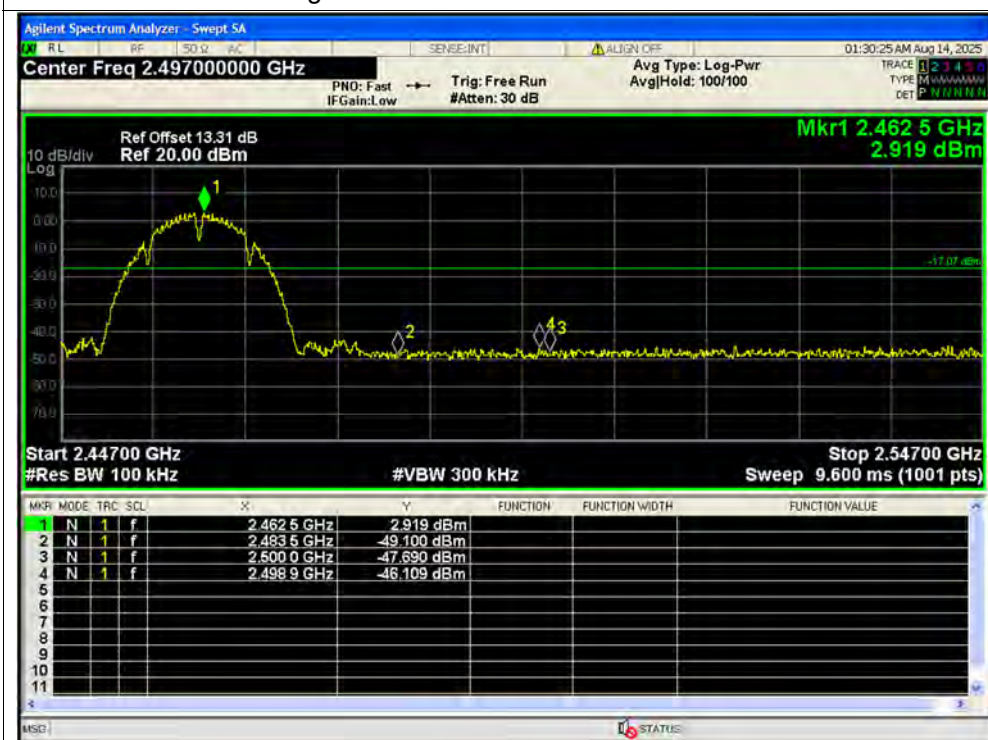
Band Edge NVNT b 2412MHz Ant1 Emission SISO



Band Edge NVNT b 2462MHz Ant1 Ref SISO



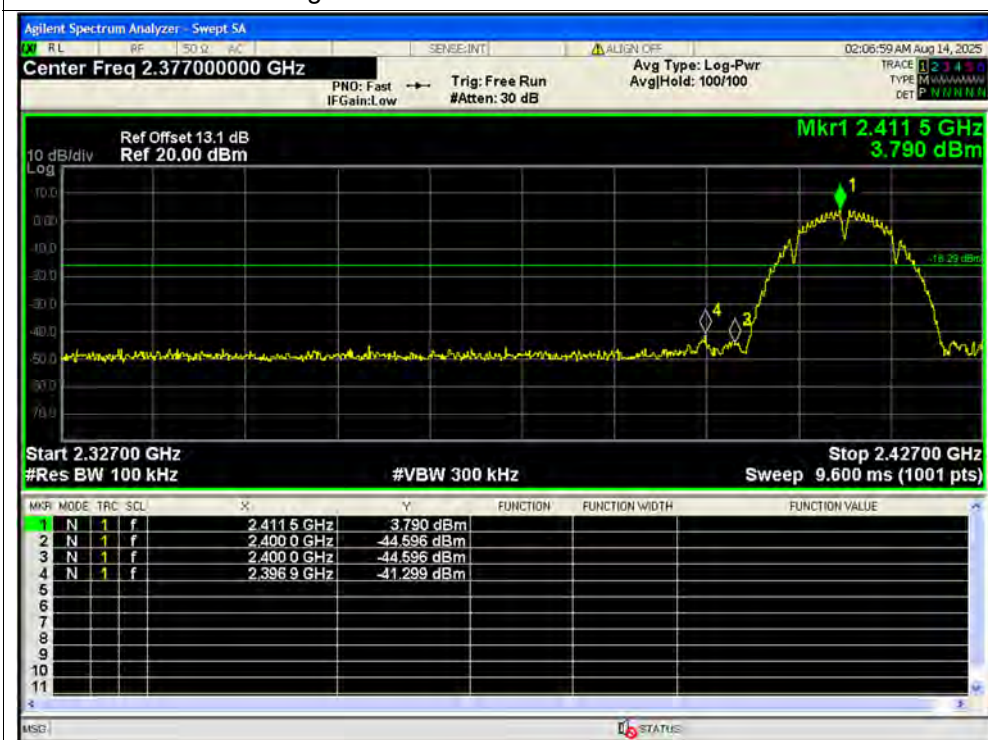
Band Edge NVNT b 2462MHz Ant1 Emission SISO



Band Edge NVNT b 2412MHz Ant2 Ref SISO



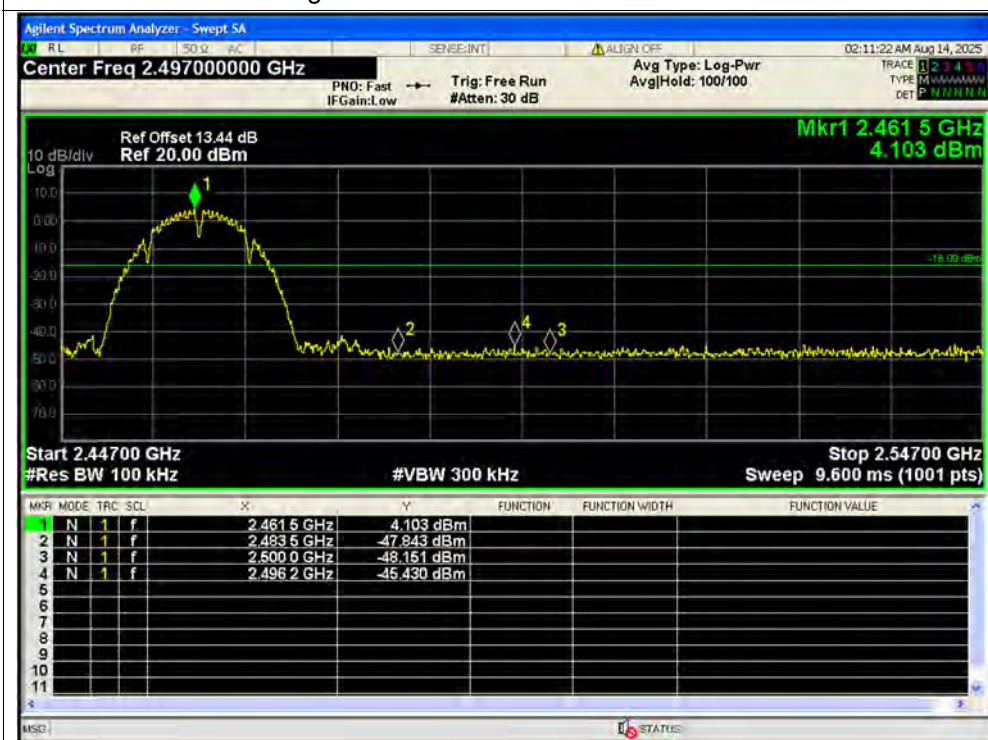
Band Edge NVNT b 2412MHz Ant2 Emission SISO



Band Edge NVNT b 2462MHz Ant2 Ref SISO



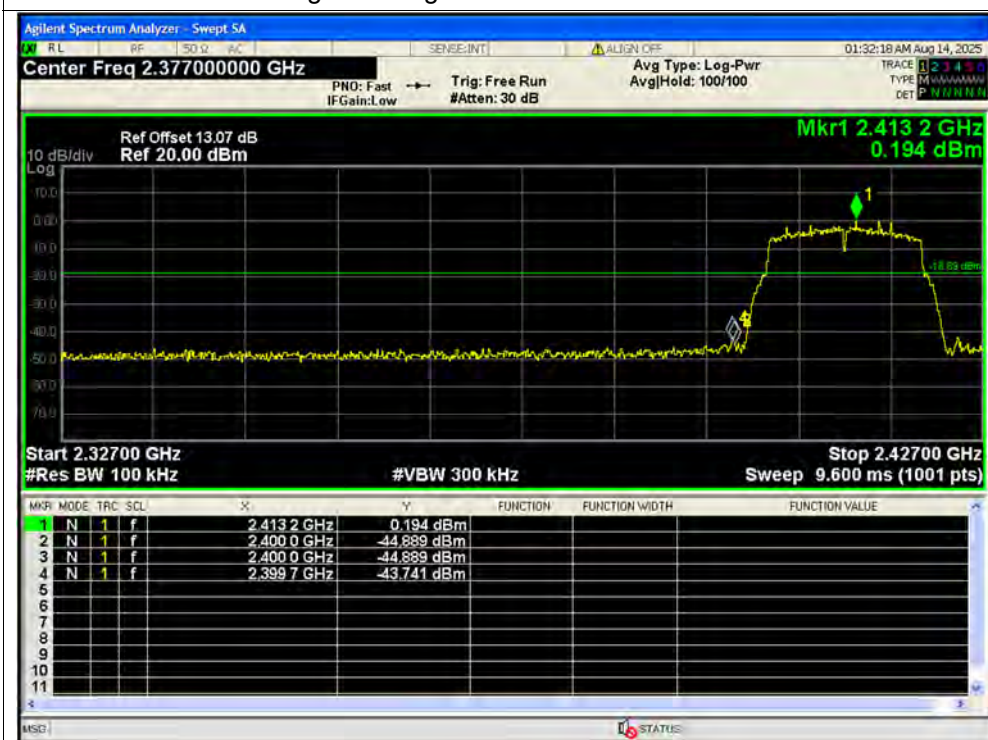
Band Edge NVNT b 2462MHz Ant2 Emission SISO



Band Edge NVNT g 2412MHz Ant1 Ref SISO



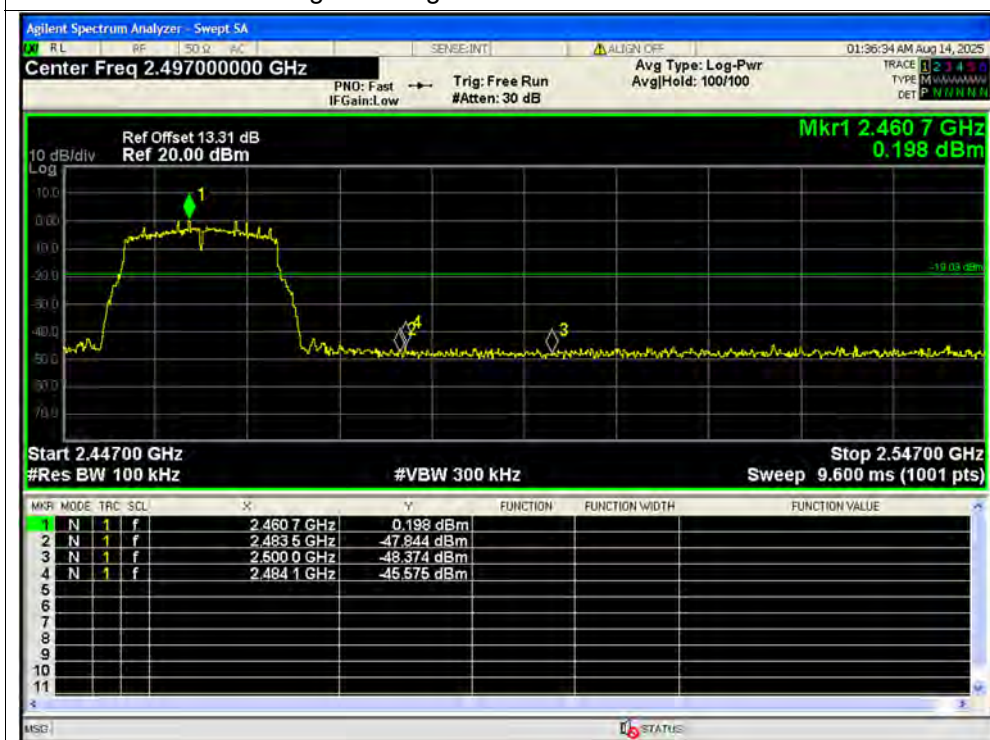
Band Edge NVNT g 2412MHz Ant1 Emission SISO



Band Edge NVNT g 2462MHz Ant1 Ref SISO



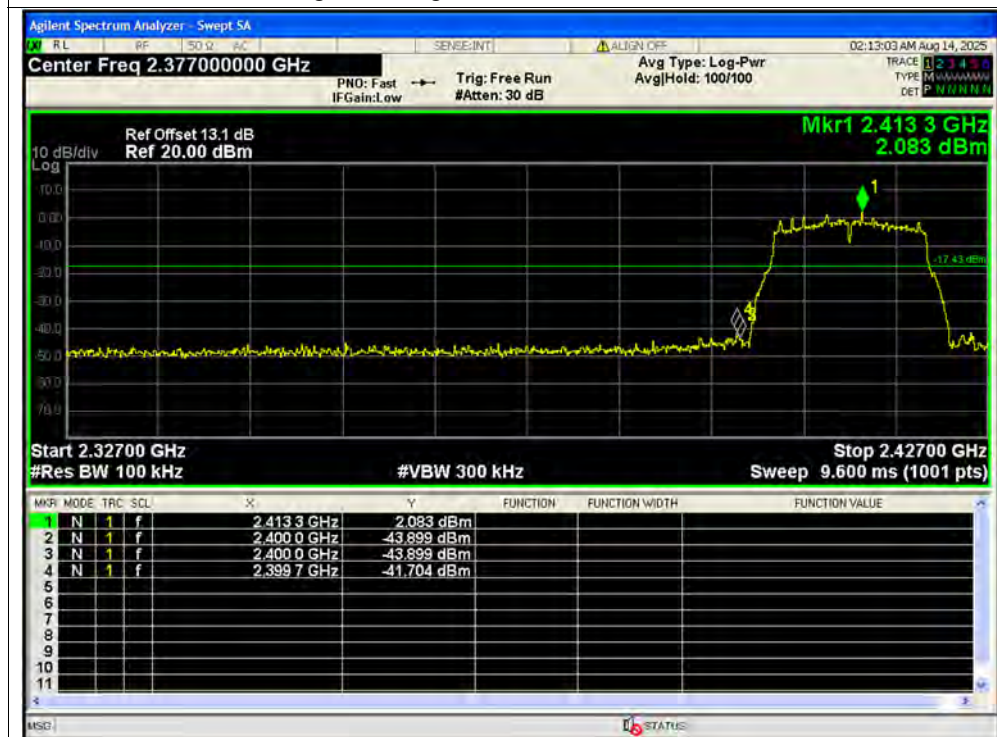
Band Edge NVNT g 2462MHz Ant1 Emission SISO



Band Edge NVNT g 2412MHz Ant2 Ref SISO



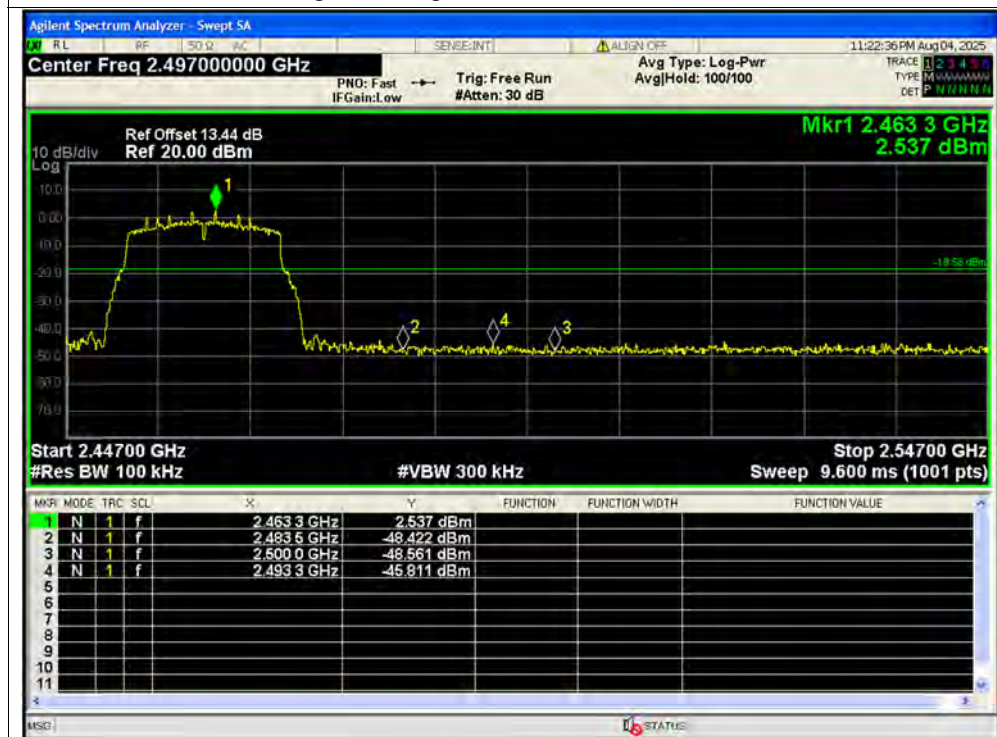
Band Edge NVNT g 2412MHz Ant2 Emission SISO



Band Edge NVNT g 2462MHz Ant2 Ref SISO



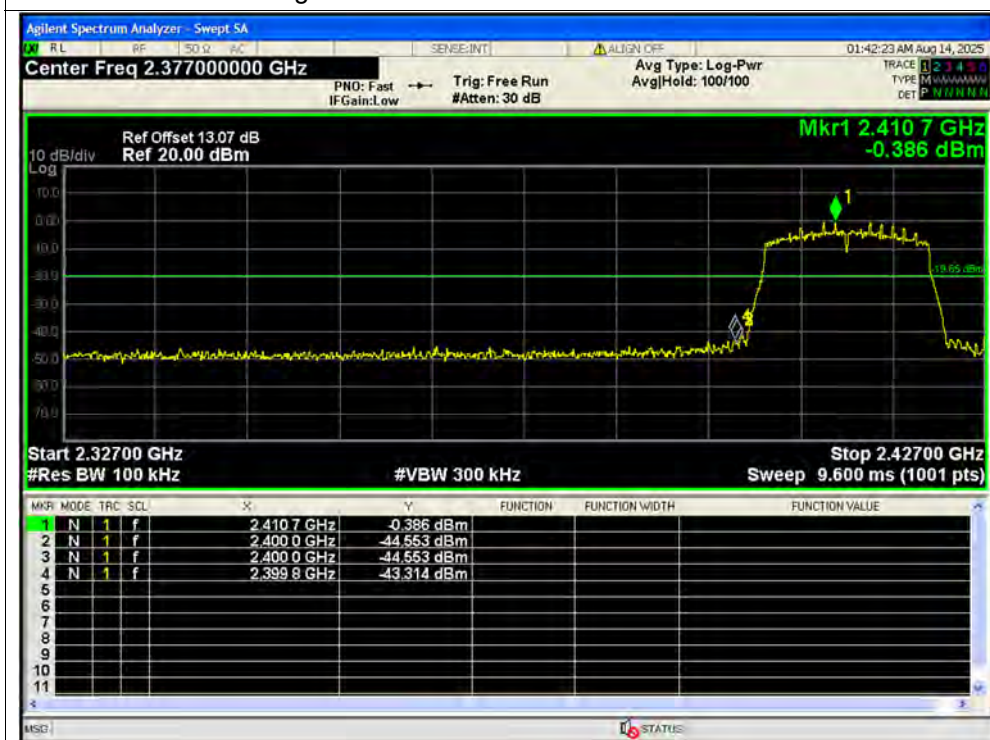
Band Edge NVNT g 2462MHz Ant2 Emission SISO



Band Edge NVNT n20 2412MHz Ant1 Ref SISO



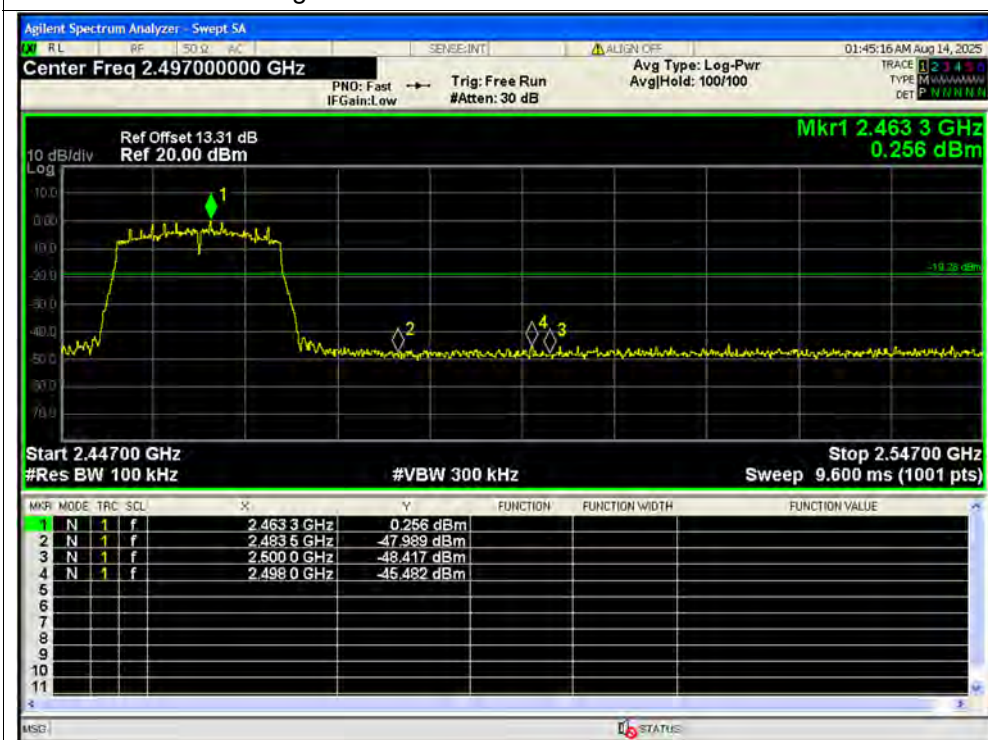
Band Edge NVNT n20 2412MHz Ant1 Emission SISO



Band Edge NVNT n20 2462MHz Ant1 Ref SISO



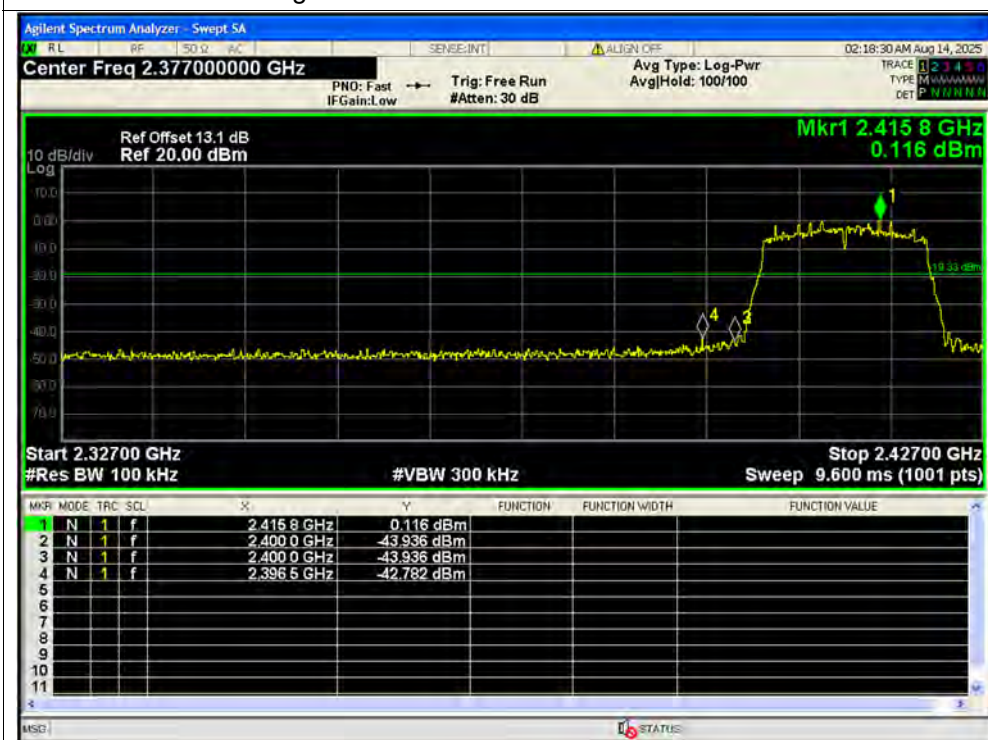
Band Edge NVNT n20 2462MHz Ant1 Emission SISO



Band Edge NVNT n20 2412MHz Ant2 Ref SISO



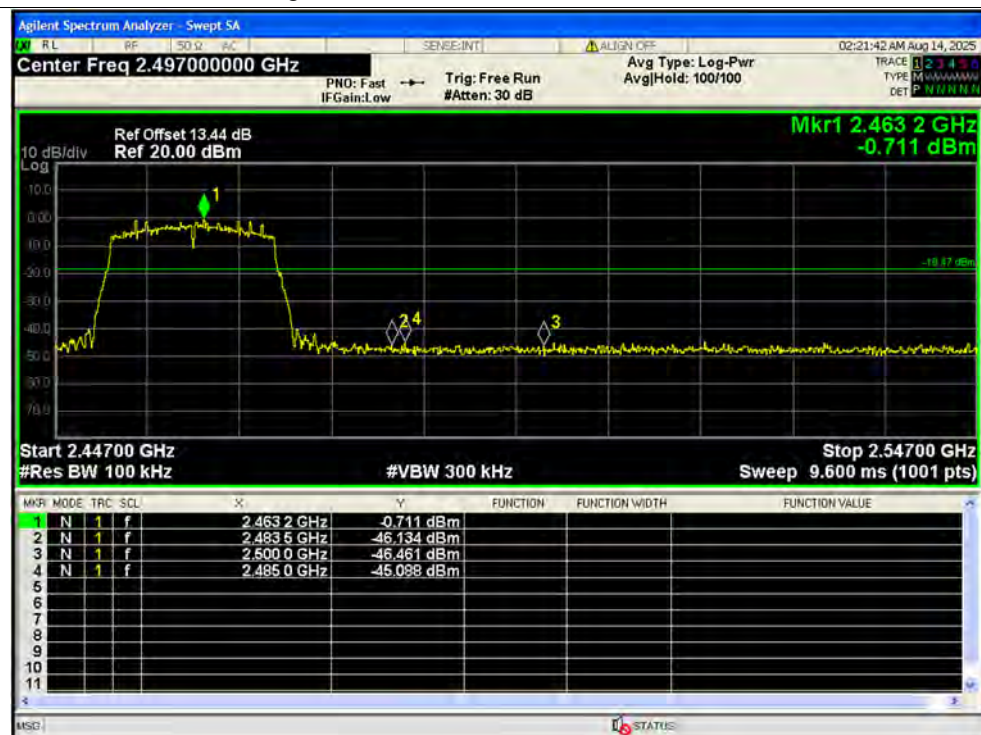
Band Edge NVNT n20 2412MHz Ant2 Emission SISO



Band Edge NVNT n20 2462MHz Ant2 Ref SISO



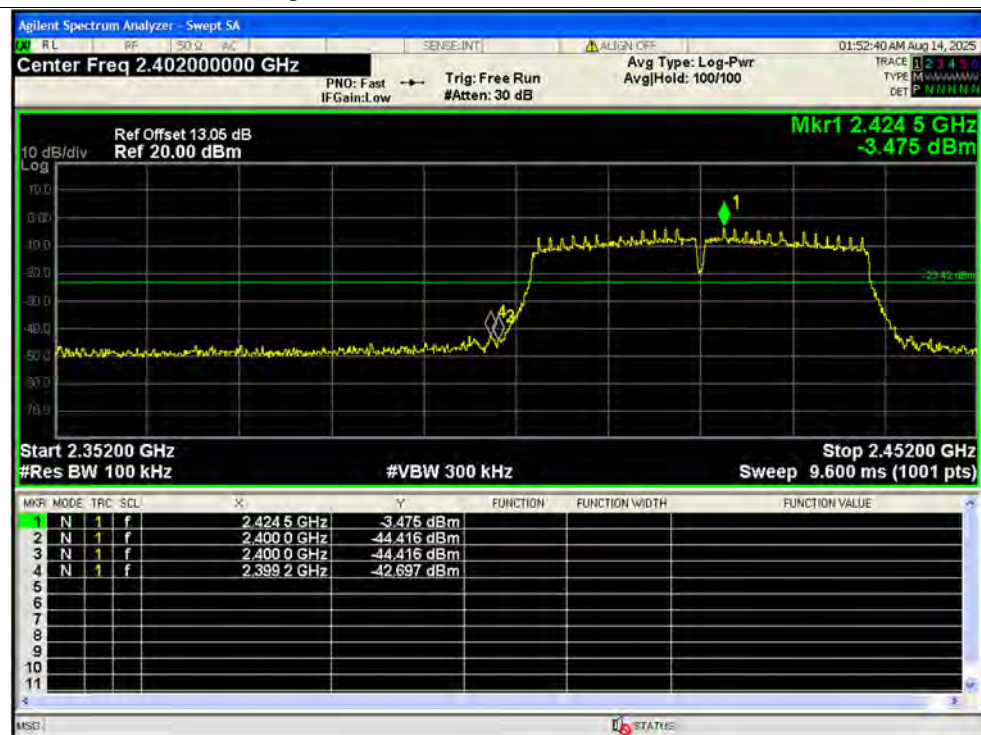
Band Edge NVNT n20 2462MHz Ant2 Emission SISO



Band Edge NVNT n40 2422MHz Ant1 Ref SISO



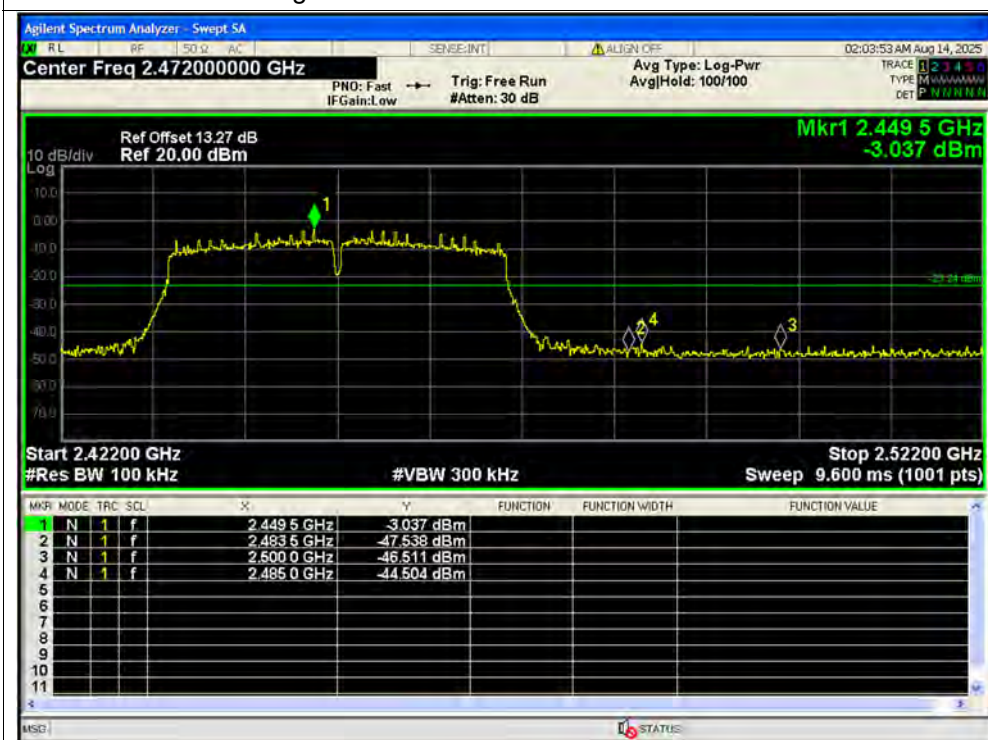
Band Edge NVNT n40 2422MHz Ant1 Emission SISO



Band Edge NVNT n40 2452MHz Ant1 Ref SISO



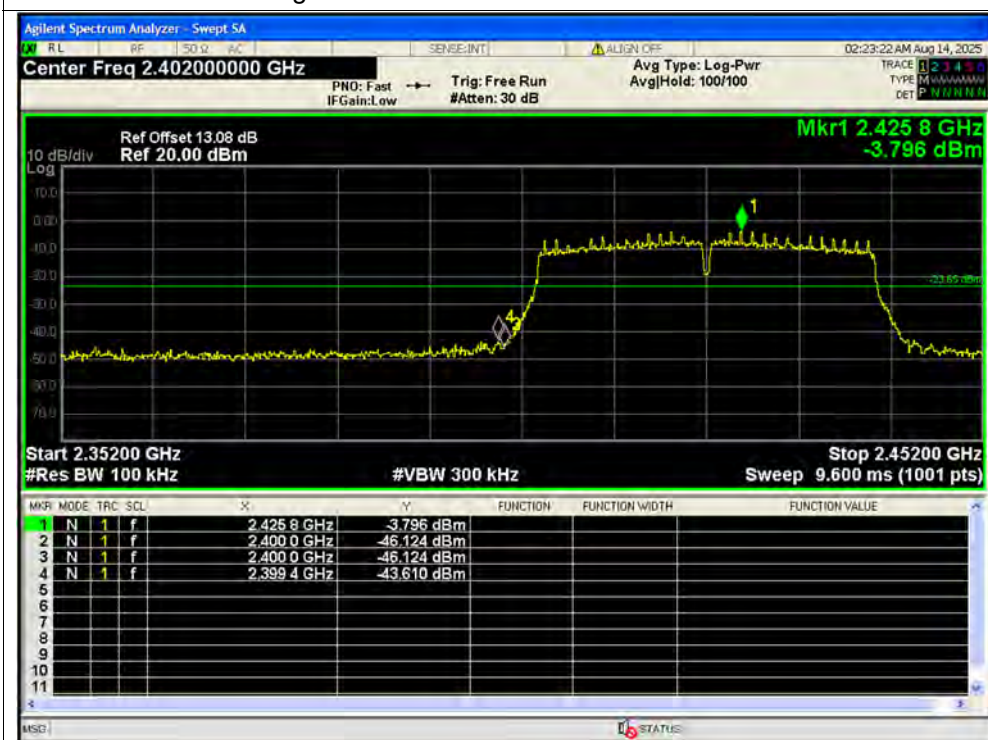
Band Edge NVNT n40 2452MHz Ant1 Emission SISO



Band Edge NVNT n40 2422MHz Ant2 Ref SISO



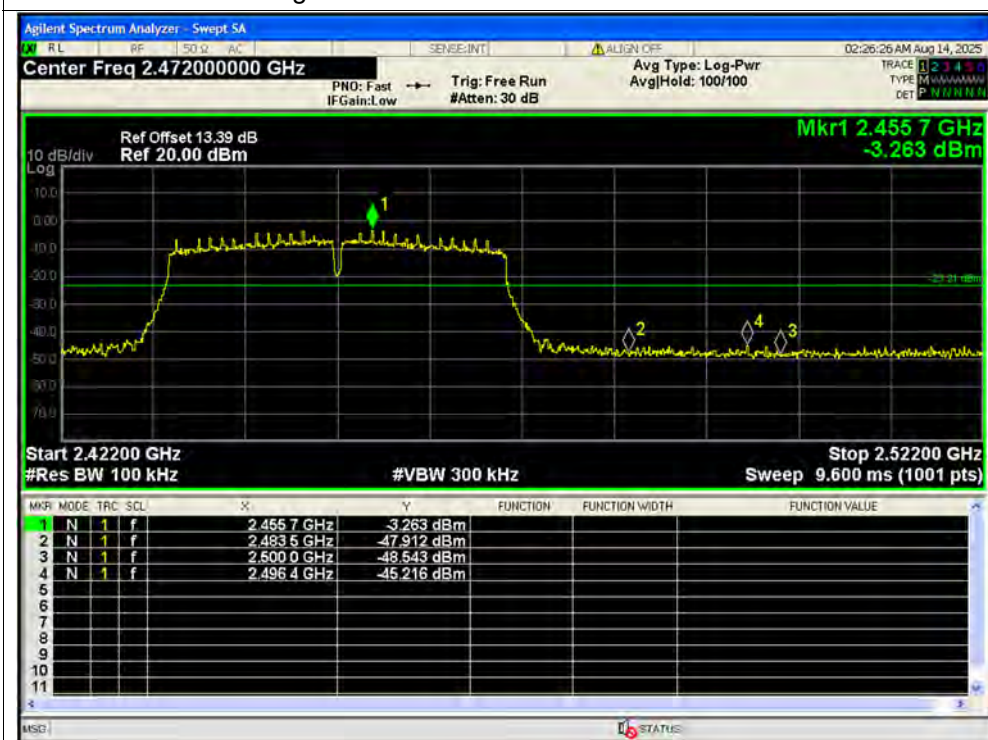
Band Edge NVNT n40 2422MHz Ant2 Emission SISO



Band Edge NVNT n40 2452MHz Ant2 Ref SISO



Band Edge NVNT n40 2452MHz Ant2 Emission SISO



**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	4.44	0	4.44	8	Pass
NVNT	b SISO	2437	Ant1	-9.29	0	-9.29	8	Pass
NVNT	b SISO	2462	Ant1	-7.93	0	-7.93	8	Pass
NVNT	b SISO	2412	Ant2	-7.49	0	-7.49	8	Pass
NVNT	b SISO	2437	Ant2	-9.46	0	-9.46	8	Pass
NVNT	b SISO	2462	Ant2	-7.07	0	-7.07	8	Pass
NVNT	g SISO	2412	Ant1	-13.67	0	-13.67	8	Pass
NVNT	g SISO	2437	Ant1	-14.08	0	-14.08	8	Pass
NVNT	g SISO	2462	Ant1	-14.11	0	-14.11	8	Pass
NVNT	g SISO	2412	Ant2	-13.37	0	-13.37	8	Pass
NVNT	g SISO	2437	Ant2	-13.07	0	-13.07	8	Pass
NVNT	g SISO	2462	Ant2	-12.69	0	-12.69	8	Pass
NVNT	n20 SISO	2412	Ant1	-14.41	0	-14.41	8	Pass
NVNT	n20 SISO	2437	Ant1	-14.13	0	-14.13	8	Pass
NVNT	n20 SISO	2462	Ant1	-13.64	0	-13.64	8	Pass
NVNT	n20 SISO	2412	Ant2	-13.08	0	-13.08	8	Pass
NVNT	n20 SISO	2437	Ant2	-12.99	0	-12.99	8	Pass



NVNT	n20 SISO	2462	Ant2	-12.79	0	-12.79	8	Pass
NVNT	n20 MIMO	2412	Ant1	-12.87	0	-12.87	8	Pass
NVNT	n20 MIMO	2412	Ant2	-13.25	0	-13.25	8	Pass
NVNT	n20 MIMO	2412	Sum	-10.05	0	-10.05	5.94	Pass
NVNT	n20 MIMO	2437	Ant1	-14.33	0	-14.33	8	Pass
NVNT	n20 MIMO	2437	Ant2	-13.93	0	-13.93	8	Pass
NVNT	n20 MIMO	2437	Sum	-11.12	0	-11.12	5.94	Pass
NVNT	n20 MIMO	2462	Ant1	-13.57	0	-13.57	8	Pass
NVNT	n20 MIMO	2462	Ant2	-13.73	0	-13.73	8	Pass
NVNT	n20 MIMO	2462	Sum	-10.64	0	-10.64	5.94	Pass
NVNT	n40 SISO	2422	Ant1	-18.88	0	-18.88	8	Pass
NVNT	n40 SISO	2437	Ant1	-18.44	0	-18.44	8	Pass
NVNT	n40 SISO	2452	Ant1	-17.93	0	-17.93	8	Pass
NVNT	n40 SISO	2422	Ant2	-17.16	0	-17.16	8	Pass
NVNT	n40 SISO	2437	Ant2	-18.34	0	-18.34	8	Pass
NVNT	n40 SISO	2452	Ant2	-18.84	0	-18.84	8	Pass
NVNT	n40 MIMO	2422	Ant1	-18.75	0	-18.75	8	Pass
NVNT	n40 MIMO	2422	Ant2	-18.85	0	-18.85	8	Pass
NVNT	n40 MIMO	2422	Sum	-15.79	0	-15.79	5.94	Pass
NVNT	n40	2437	Ant1	-18.03	0	-18.03	8	Pass

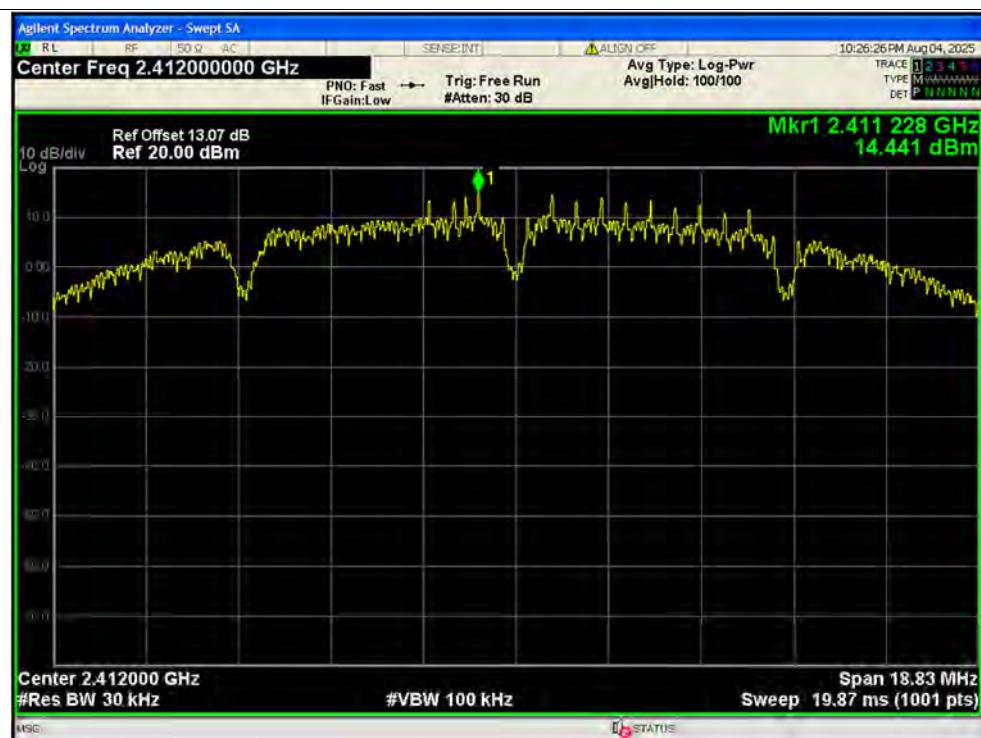


	MIMO							
NVNT	n40 MIMO	2437	Ant2	-18.89	0	-18.89	8	Pass
NVNT	n40 MIMO	2437	Sum	-15.43	0	-15.43	5.94	Pass
NVNT	n40 MIMO	2452	Ant1	-18.17	0	-18.17	8	Pass
NVNT	n40 MIMO	2452	Ant2	-18.74	0	-18.74	8	Pass
NVNT	n40 MIMO	2452	Sum	-15.44	0	-15.44	5.94	Pass

Note: Directional gain = $10\log[(10^{G0/20} + 10^{G1/20})^2/2] = 8.06\text{dBi} > 6\text{dBi}$, so the PSD limit shall be reduced to 8-(8.06-6) = 5.94dBm/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

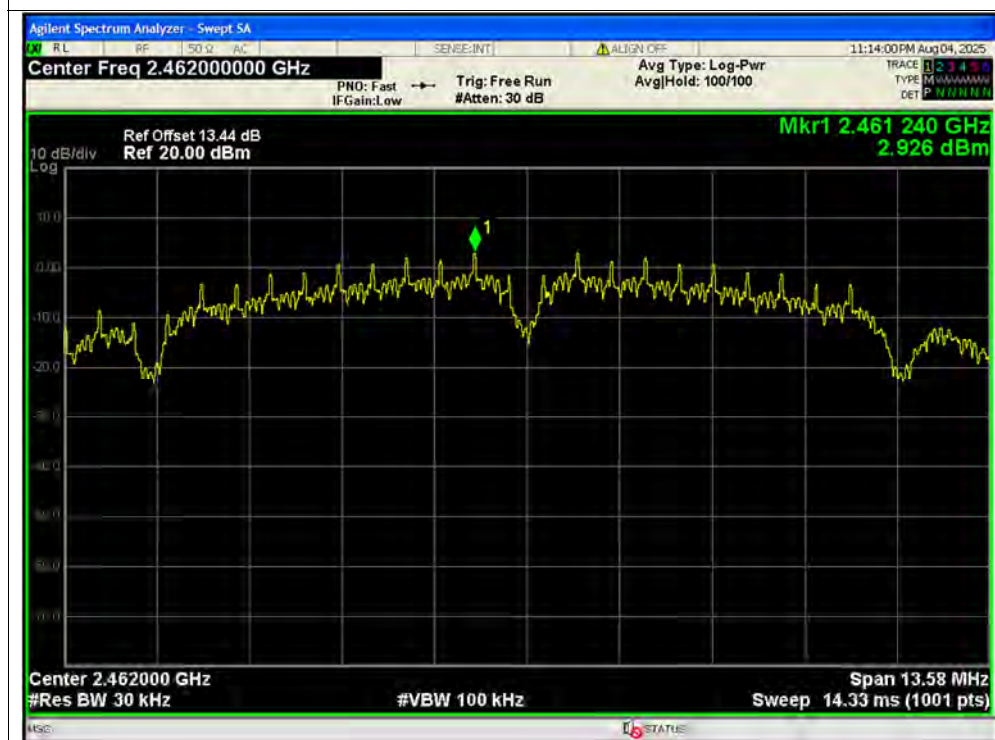




PSD NVNT b 2437MHz Ant2 SISO

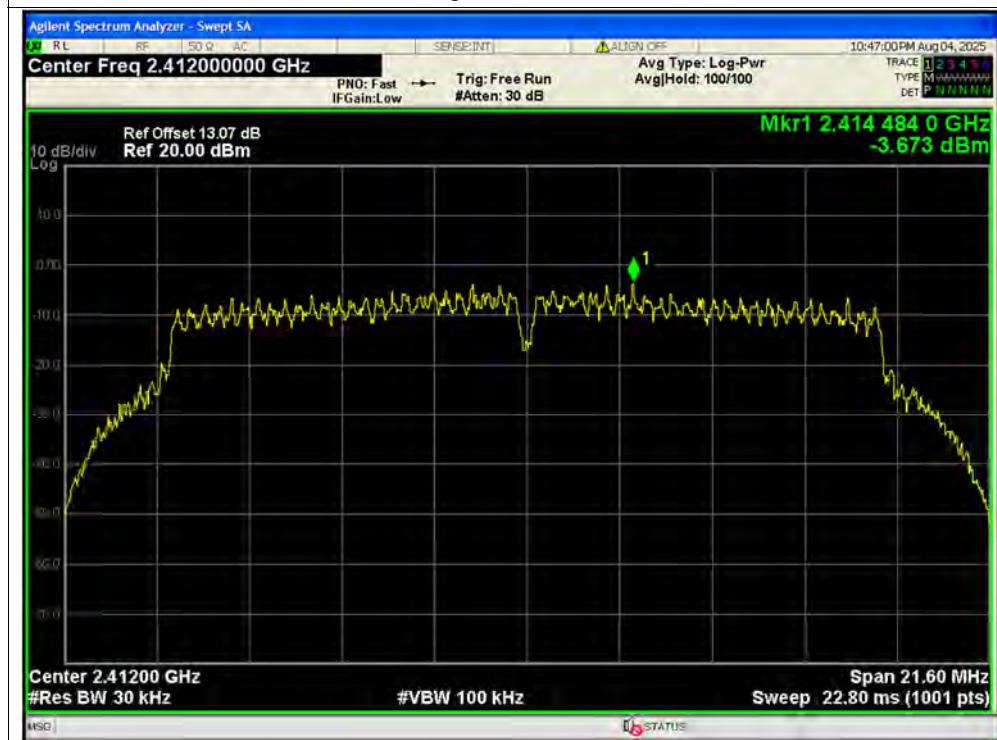


PSD NVNT b 2462MHz Ant2 SISO





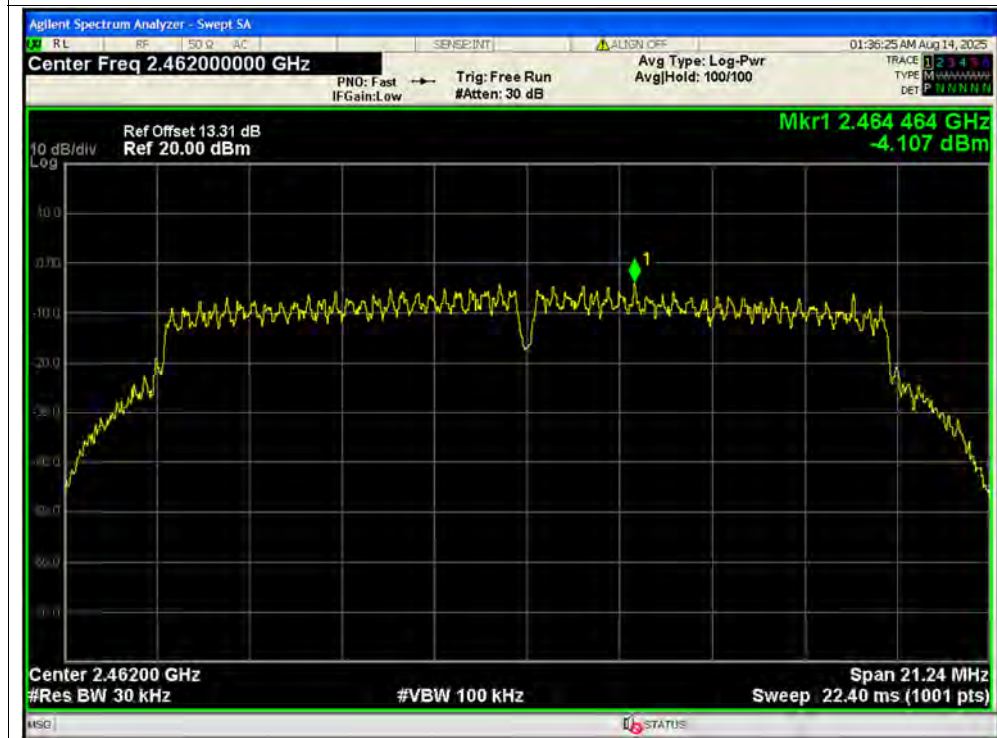
PSD NVNT g 2412MHz Ant1 SISO



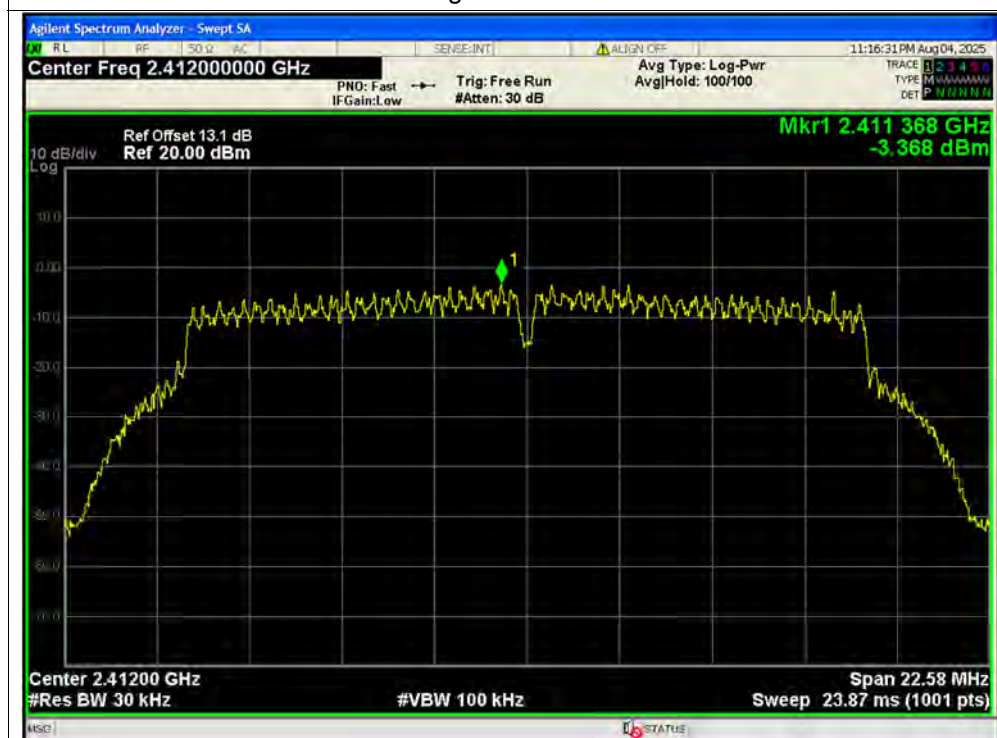
PSD NVNT g 2437MHz Ant1 SISO



PSD NVNT g 2462MHz Ant1 SISO



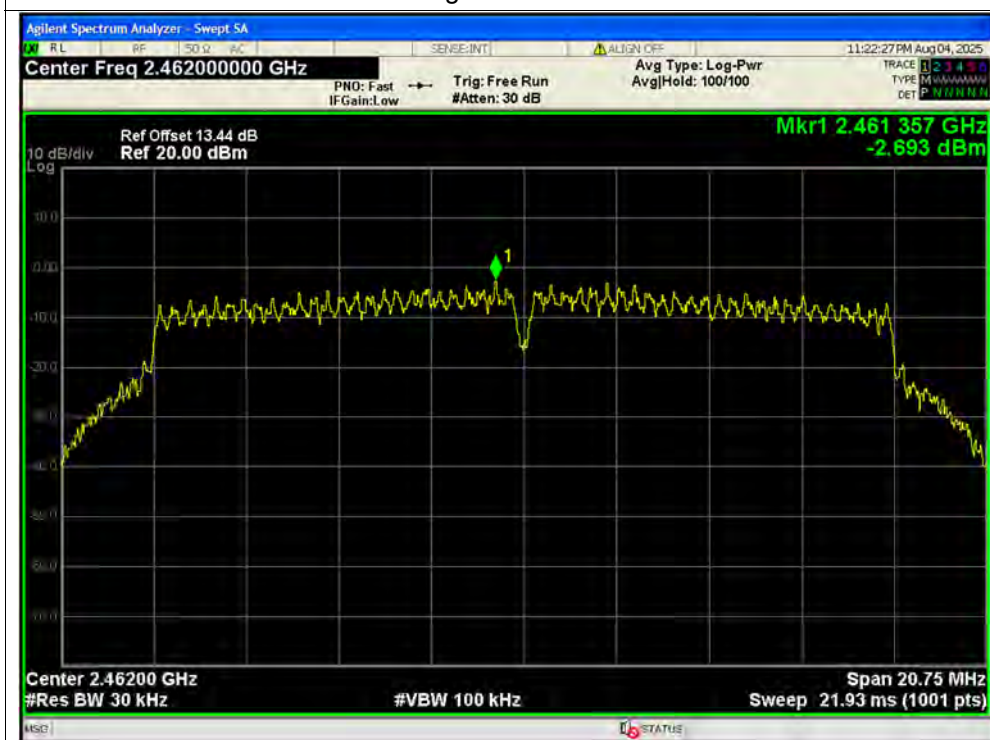
PSD NVNT g 2412MHz Ant2 SISO



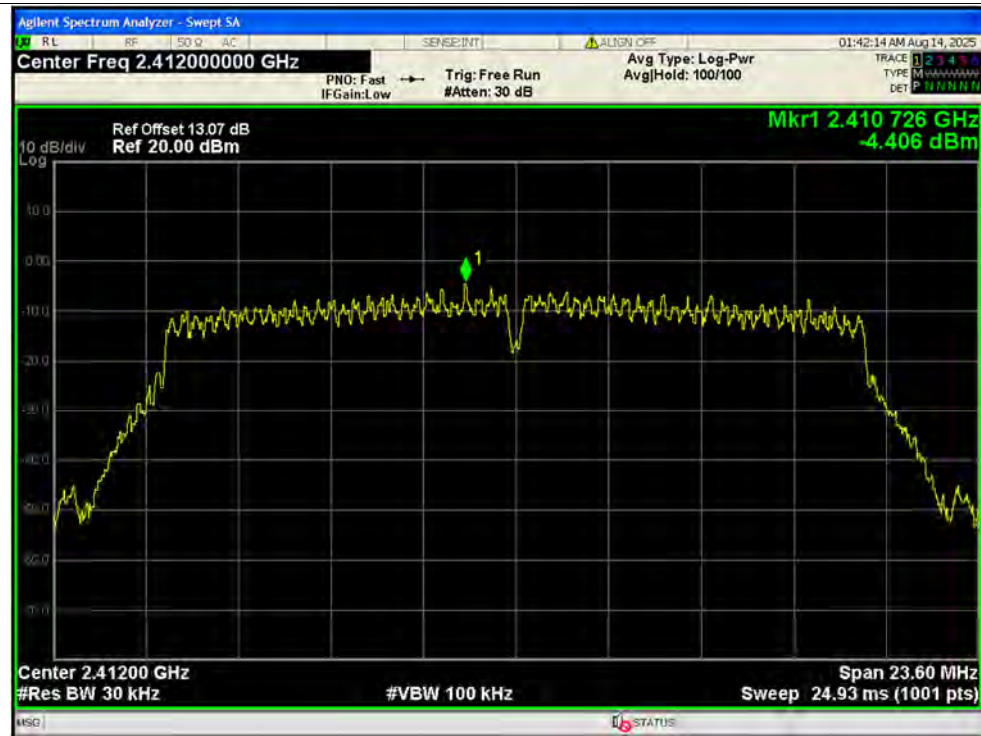
PSD NVNT g 2437MHz Ant2 SISO



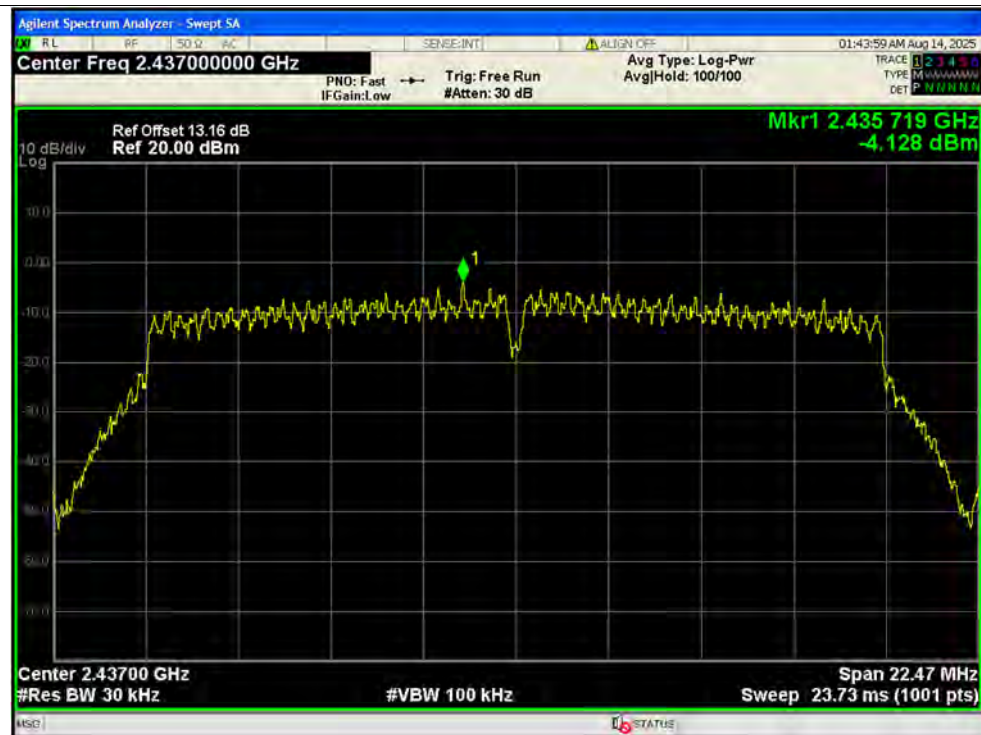
PSD NVNT g 2462MHz Ant2 SISO



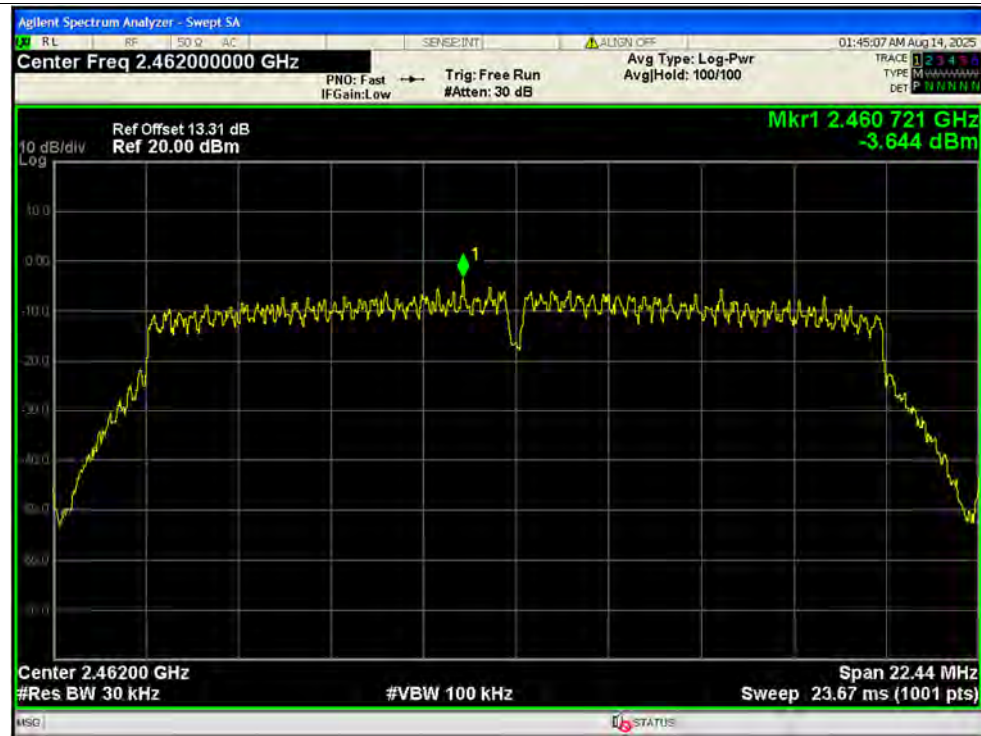
PSD NVNT n20 2412MHz Ant1 SISO



PSD NVNT n20 2437MHz Ant1 SISO



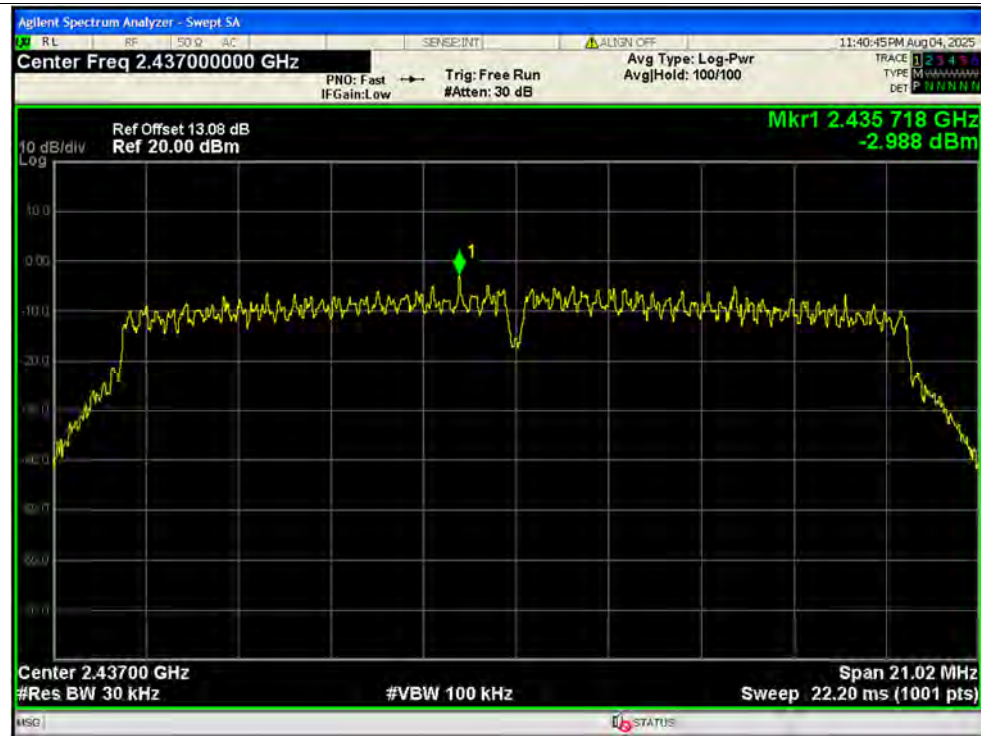
PSD NVNT n20 2462MHz Ant1 SISO



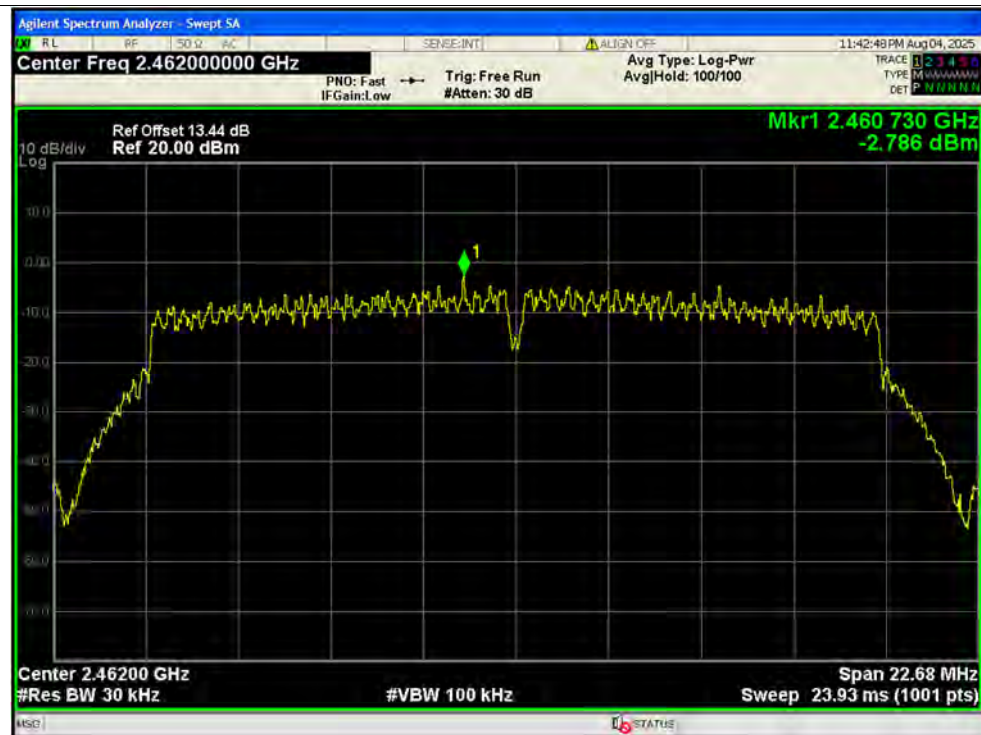
PSD NVNT n20 2412MHz Ant2 SISO



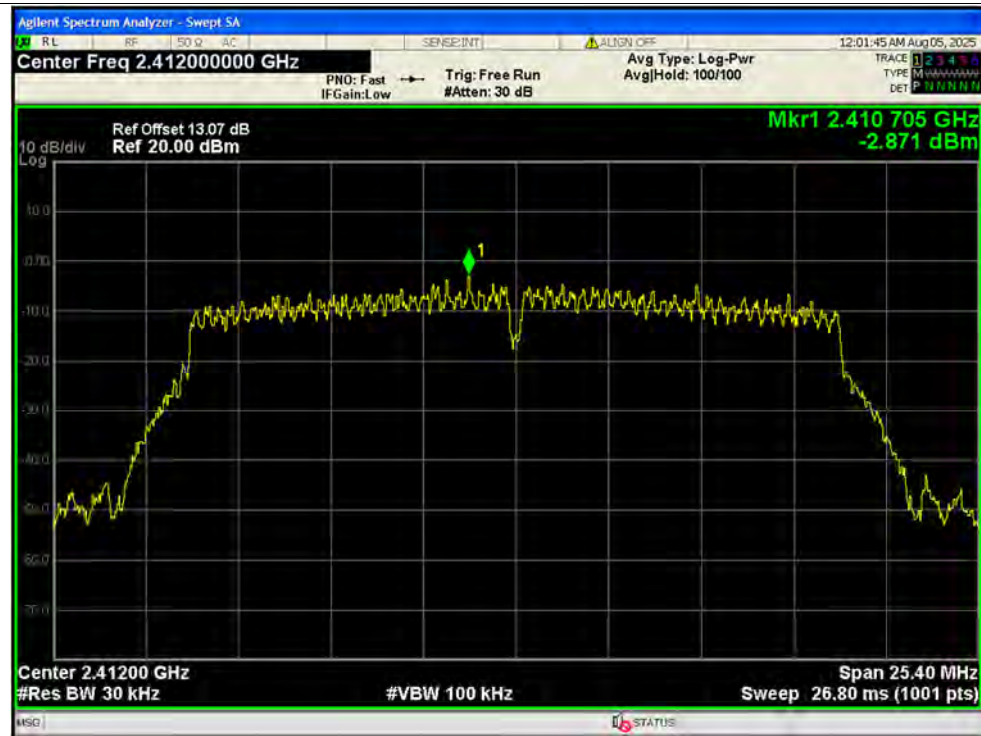
PSD NVNT n20 2437MHz Ant2 SISO



PSD NVNT n20 2462MHz Ant2 SISO



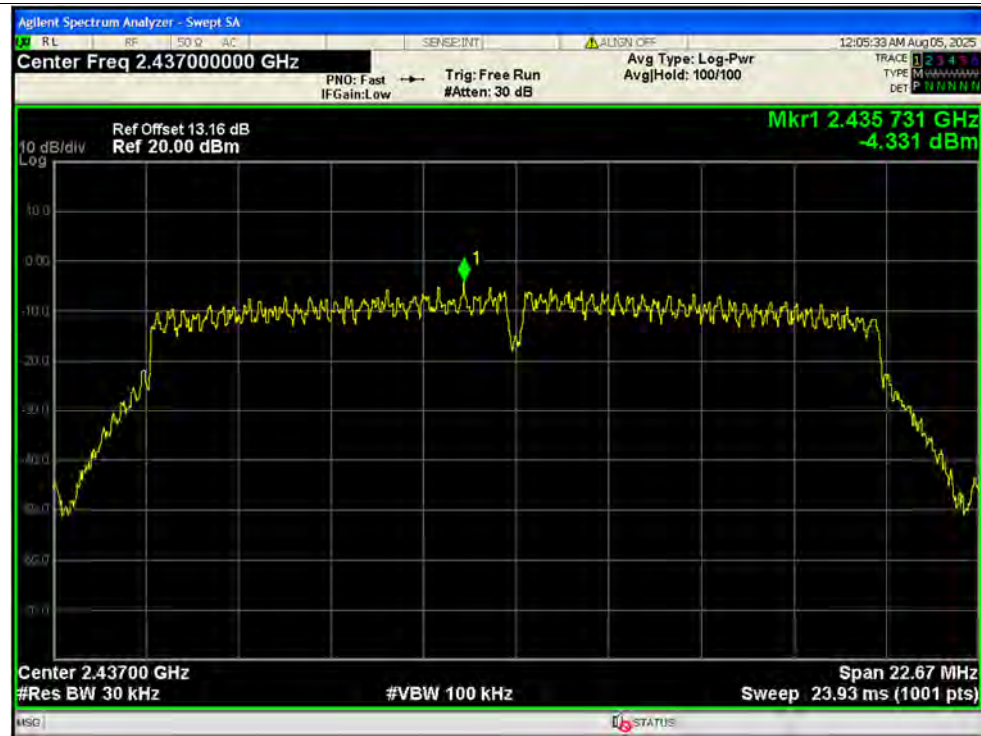
PSD NVNT n20 2412MHz Ant1 MIMO



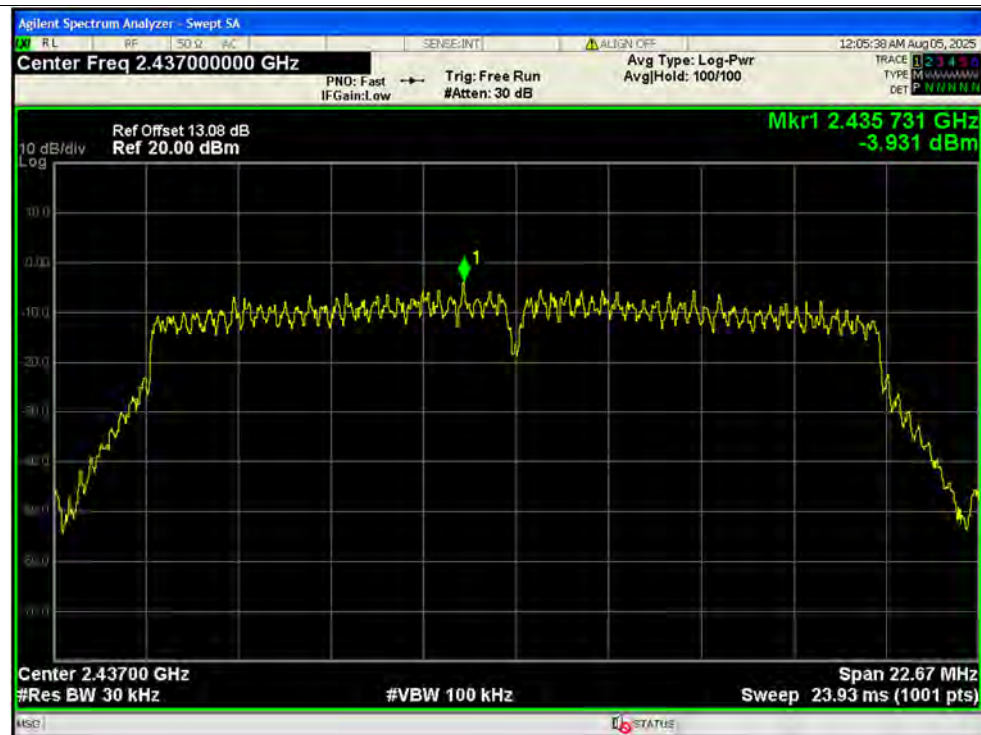
PSD NVNT n20 2412MHz Ant2 MIMO



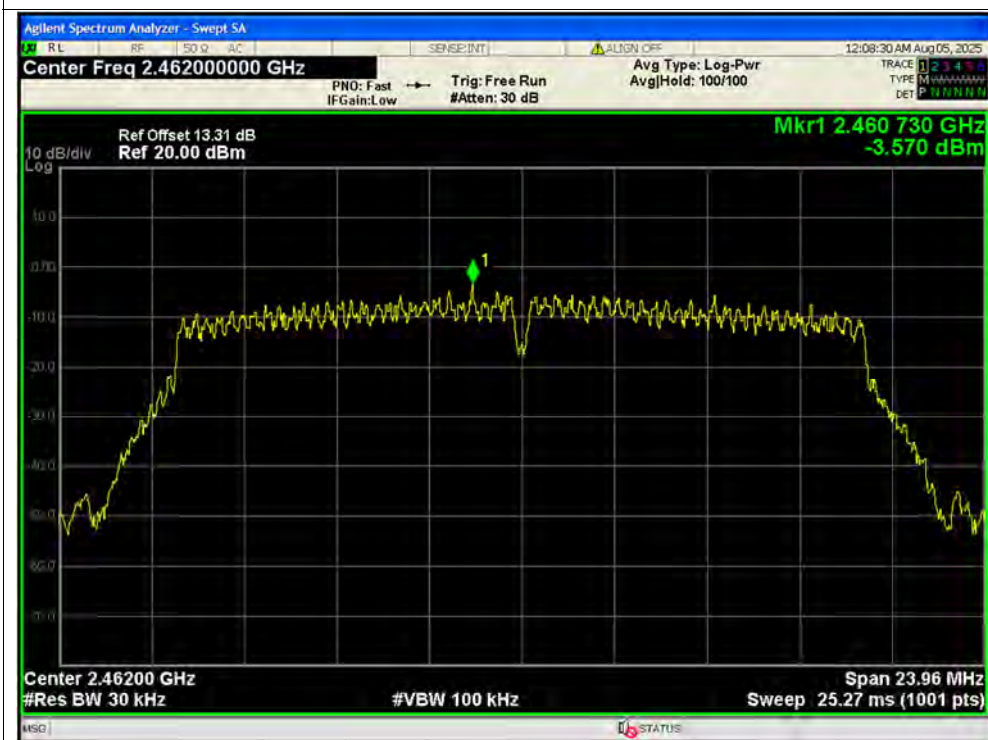
PSD NVNT n20 2437MHz Ant1 MIMO



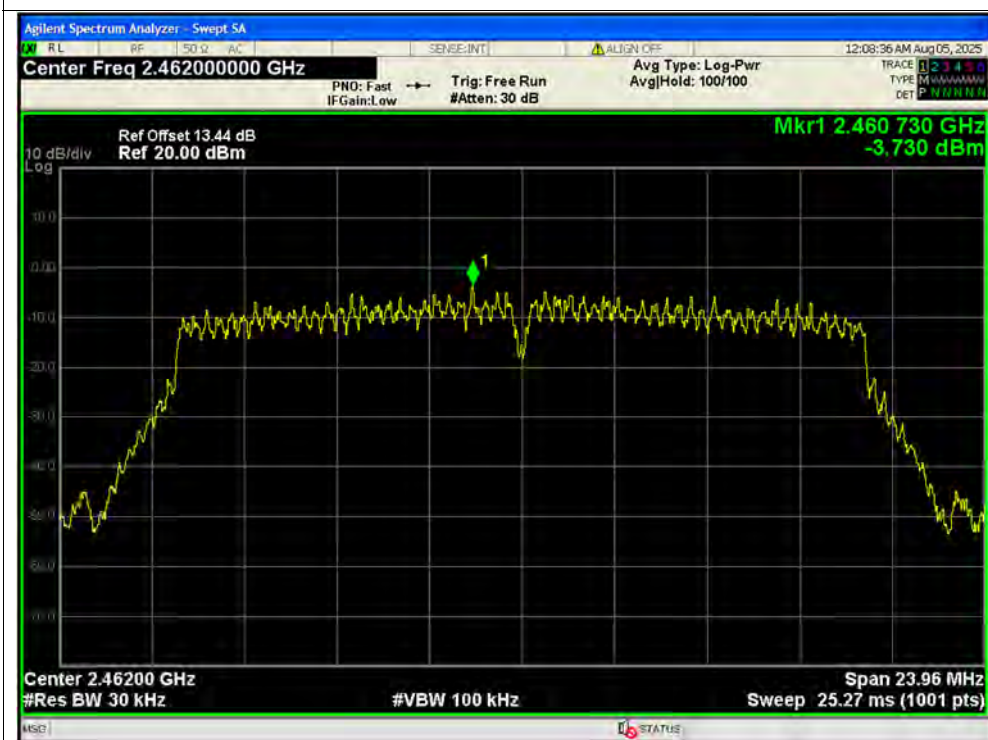
PSD NVNT n20 2437MHz Ant2 MIMO



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

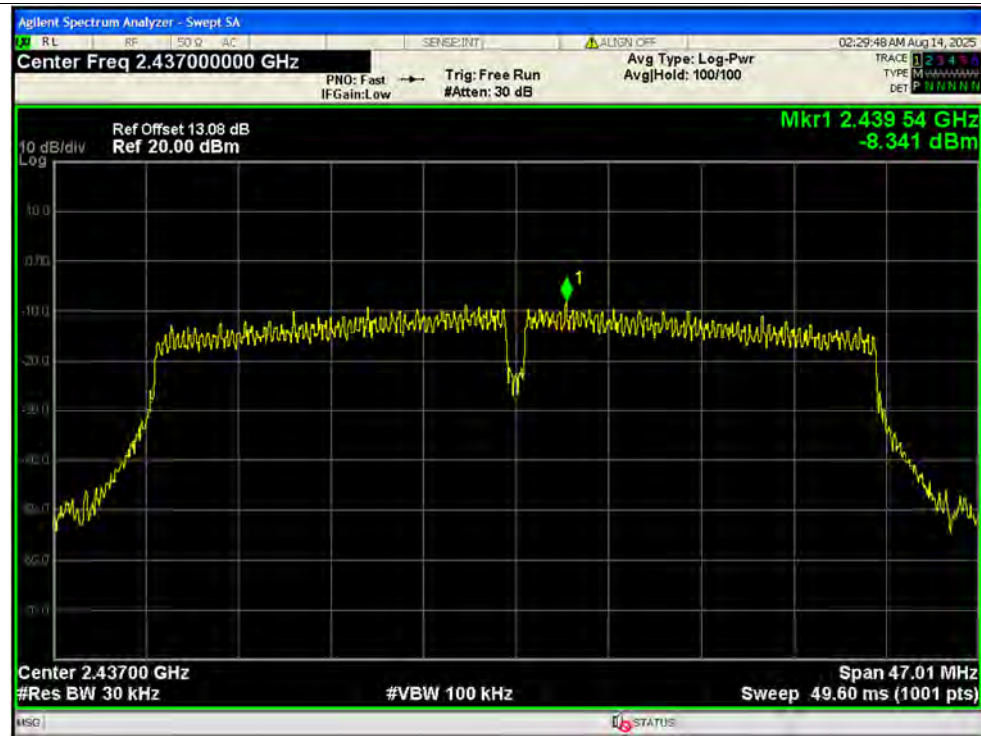


PSD NVNT n40 2422MHz Ant2 SISO





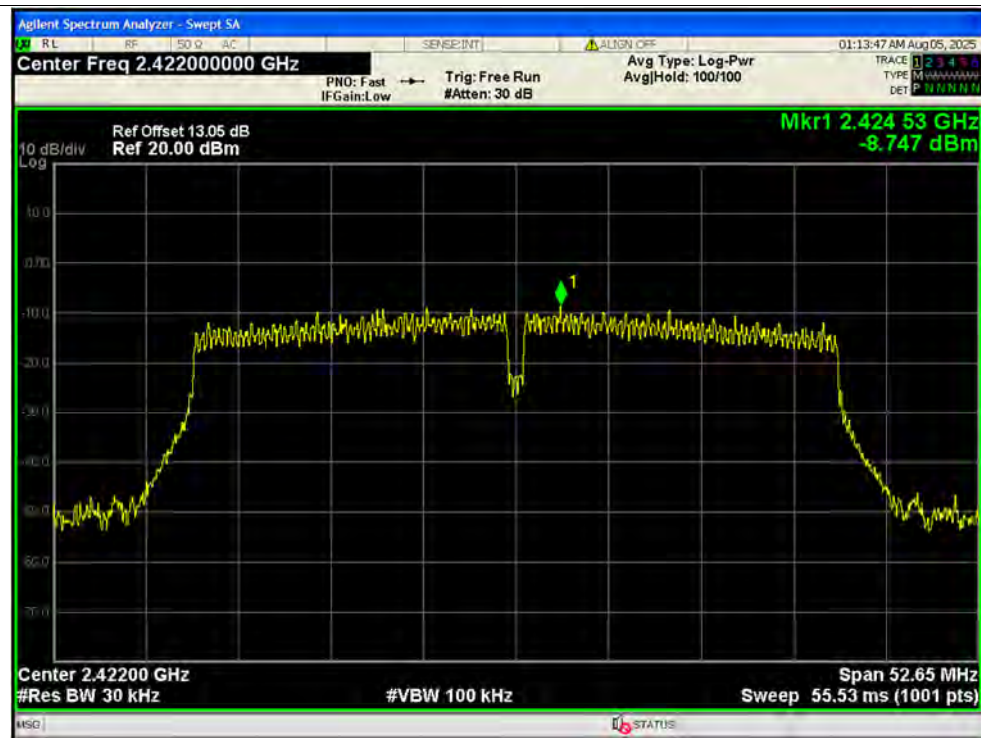
PSD NVNT n40 2437MHz Ant2 SISO



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+Extension Cable+Serial port board+Serial port board+PC+PCAdapter+USB Cable+WIFI TX

Test voltage: AC 120V/60Hz

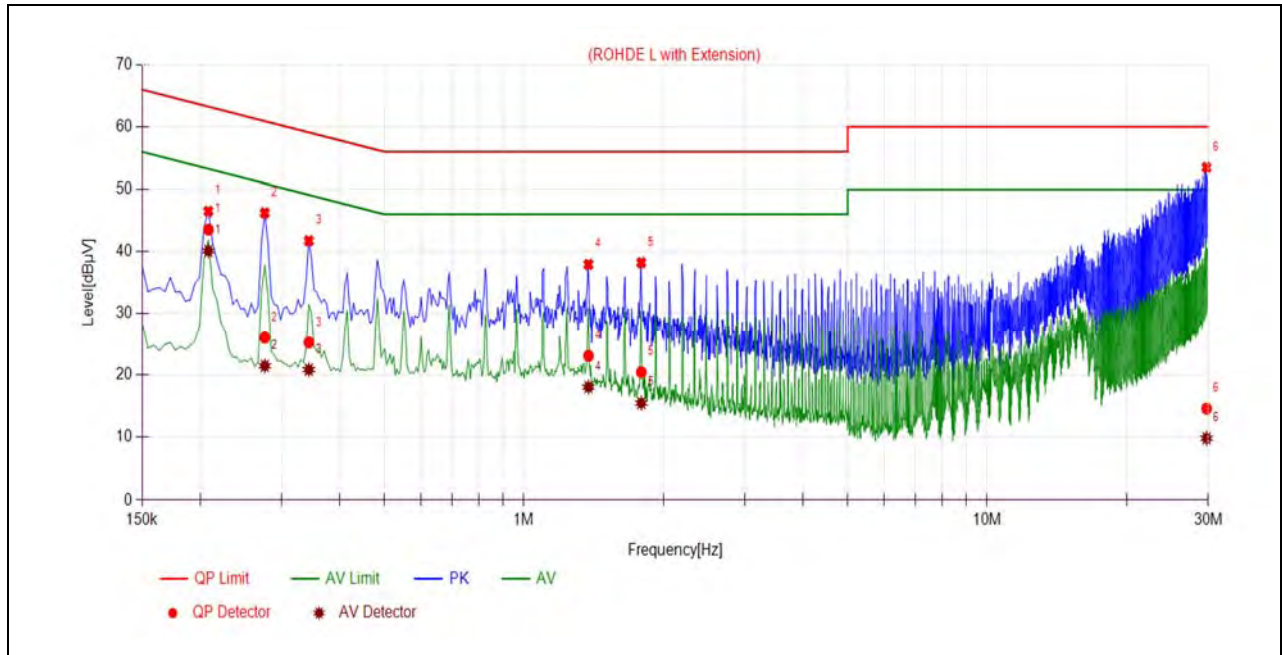
The measurement results are obtained as below:

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

U_R : Receiver Reading

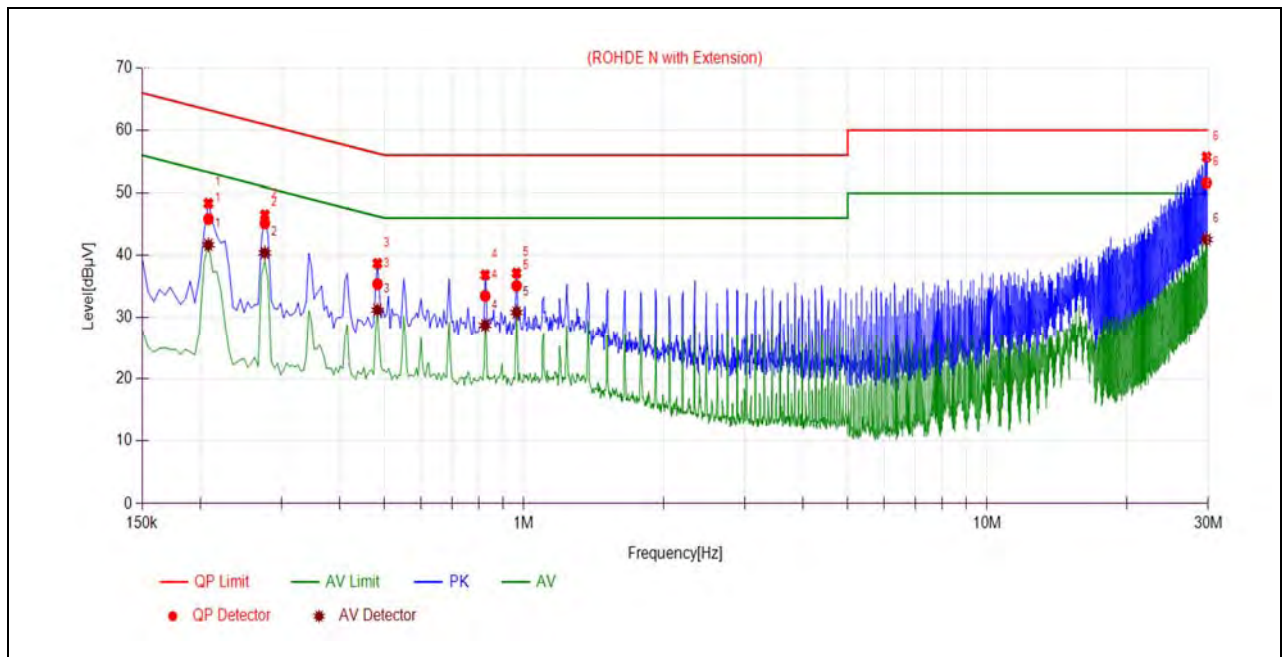
A_{Factor} : Voltage division factor of LISN

B. Test Plot:



(L Phase)

No.	Fre. (MHz)	Emission Level (dBμV)		Limit (dBμV)		Power-line	Verdict
		Quai-peak	Average	Quai-peak	Average		
1	0.2085	43.55	40.13	63.26	53.26	Line	PASS
2	0.2760	26.04	21.47	60.93	50.93		PASS
3	0.3435	25.27	20.86	59.12	49.12		PASS
4	1.3786	23.09	18.07	56.00	46.00		PASS
5	1.7925	20.46	15.50	56.00	46.00		PASS
6	29.7580	14.61	9.84	60.00	50.00		PASS



(N Phase)

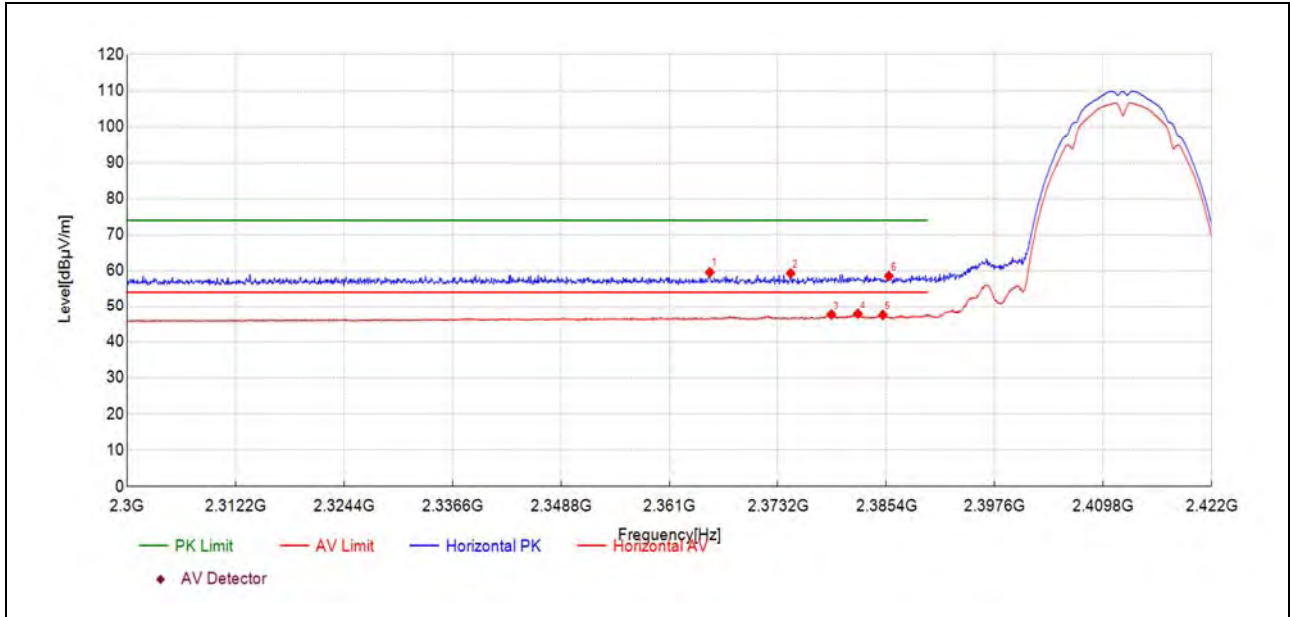
No.	Fre. (MHz)	Emission Level (dBμV)		Limit (dBμV)		Power-line	Verdict
		Quai-peak	Average	Quai-peak	Average		
1	0.2085	45.86	41.72	63.26	53.26	Neutral	PASS
2	0.2760	45.18	40.41	60.94	50.94		PASS
3	0.4830	35.41	31.24	56.29	46.29		PASS
4	0.8250	33.51	28.76	56.00	46.00		PASS
5	0.9645	35.13	30.84	56.00	46.00		PASS
6	29.7550	51.58	42.57	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.

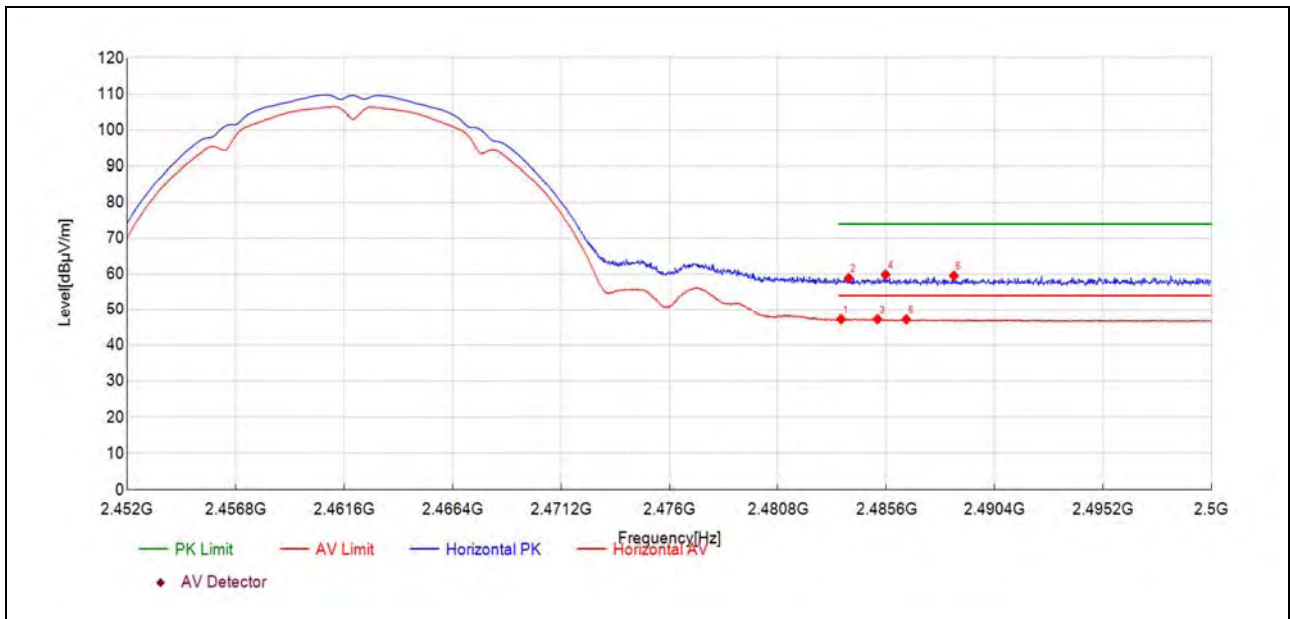
802.11b Mode



Fre. (MHz)	Reading [dBμV]	Level [dBμV/m]	Factor [dB/m]	Limit [dBμV/m]	Margin [dB]	Angle [°]	Detector	Verdict
2365.55	22.1	59.56	37.470	74.00	14.44	281	PK	PASS
2374.64	21.8	59.28	37.480	74.00	14.72	306	PK	PASS
2379.22	10.1	47.57	37.480	54.00	6.43	281	AV	PASS
2382.21	10.3	47.78	37.480	54.00	6.22	281	AV	PASS
2385.02	10.0	47.47	37.490	54.00	6.53	281	AV	PASS
2385.69	21.0	58.51	37.490	74.00	15.49	250	PK	PASS



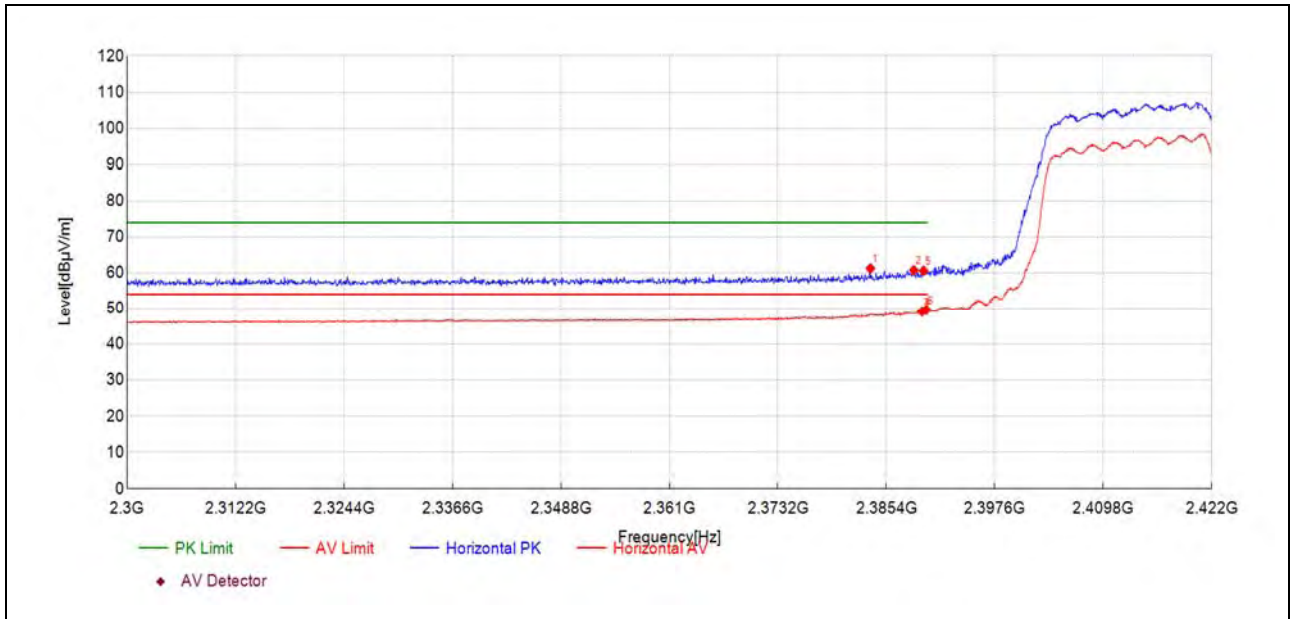
Plot for Channel 11



Fre. (MHz)	Reading [dBμV]	Level [dBμV/m]	Factor [dB/m]	Limit [dBμV/m]	Margin [dB]	Angle [°]	Detector	Verdict
2483.60	8.9	47.22	38.280	54.00	6.78	280	AV	PASS
2483.94	20.6	58.91	38.270	74.00	15.09	350	PK	PASS
2485.21	8.9	47.21	38.270	54.00	6.79	285	AV	PASS
2485.57	21.6	59.89	38.270	74.00	14.11	5	PK	PASS
2486.48	8.9	47.16	38.270	54.00	6.84	289	AV	PASS
2488.59	21.3	59.57	38.270	74.00	14.43	252	PK	PASS

**802.11n (HT40) Mode**

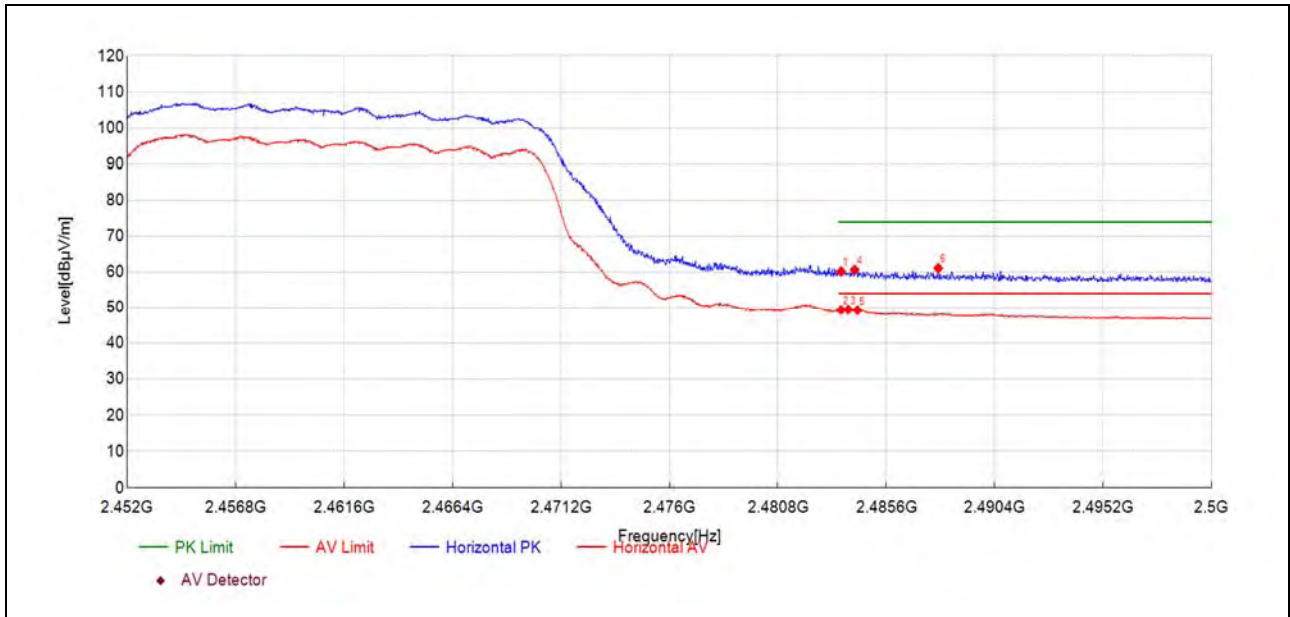
Plot for Channel 3



Fre. (MHz)	Reading [dBμV]	Level [dBμV/m]	Factor [dB/m]	Limit [dBμV/m]	Margin [dB]	Angle [°]	Detector	Verdict
2383.61	23.8	61.26	37.490	74.00	12.74	95	PK	PASS
2388.49	23.3	60.75	37.490	74.00	13.25	114	PK	PASS
2389.41	11.7	49.17	37.490	54.00	4.83	109	AV	PASS
2389.53	11.7	49.21	37.490	54.00	4.79	104	AV	PASS
2389.59	23.1	60.62	37.490	74.00	13.38	100	PK	PASS
2389.90	12.2	49.64	37.490	54.00	4.36	104	AV	PASS



Plot for Channel 9



Fre. (MHz)	Reading [dBμV]	Level [dBμV/m]	Factor [dB/m]	Limit [dBμV/m]	Margin [dB]	Angle [°]	Detector	Verdict
2483.60	21.9	60.21	38.280	74.00	13.79	283	PK	PASS
2483.60	11.1	49.35	38.280	54.00	4.65	287	AV	PASS
2483.91	11.2	49.45	38.270	54.00	4.55	278	AV	PASS
2484.20	22.4	60.65	38.270	74.00	13.35	264	PK	PASS
2484.32	11.0	49.28	38.270	54.00	4.72	273	AV	PASS
2487.90	22.8	61.11	38.270	74.00	12.89	287	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.

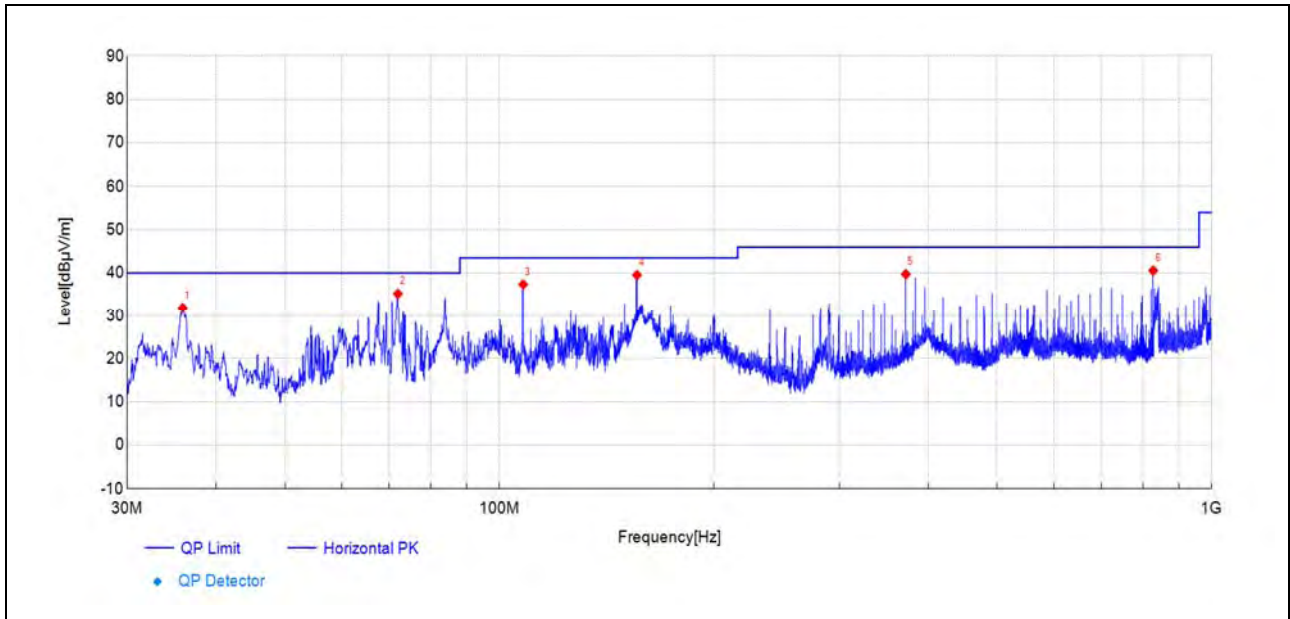
Note 1: All radiated emission tests were performed in X, Y, Z axis direction. And only the worst axis test condition was recorded in this test report.

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.

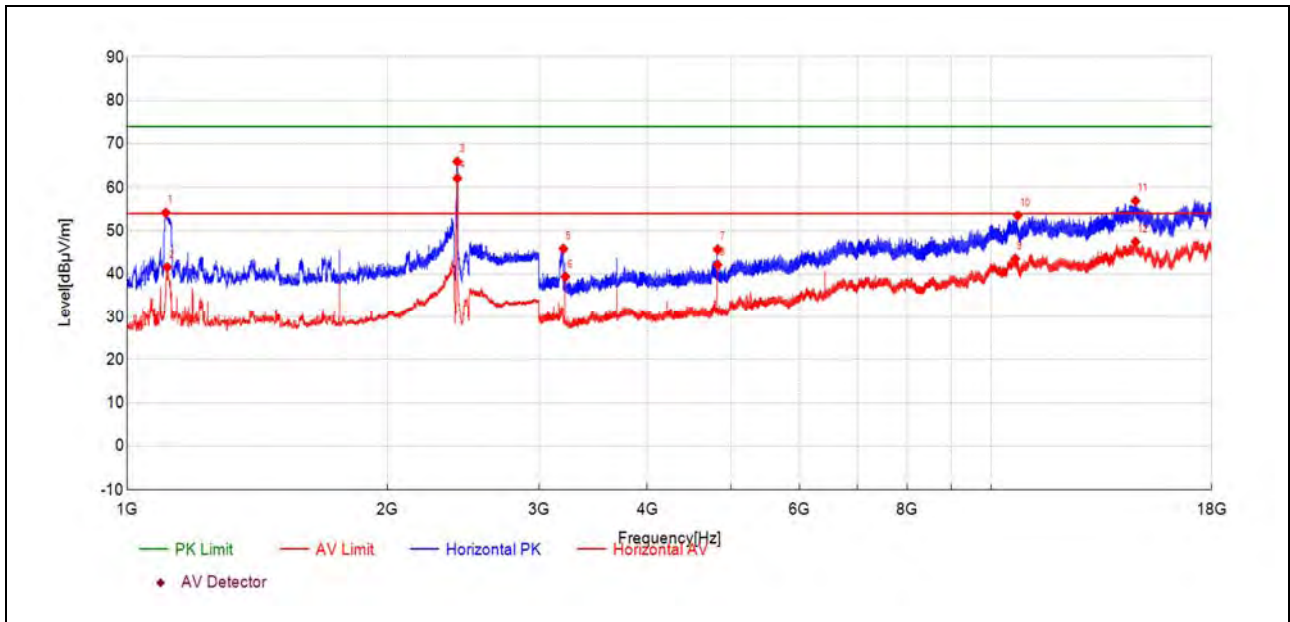
**802.11b Mode**

Plot for Channel 1



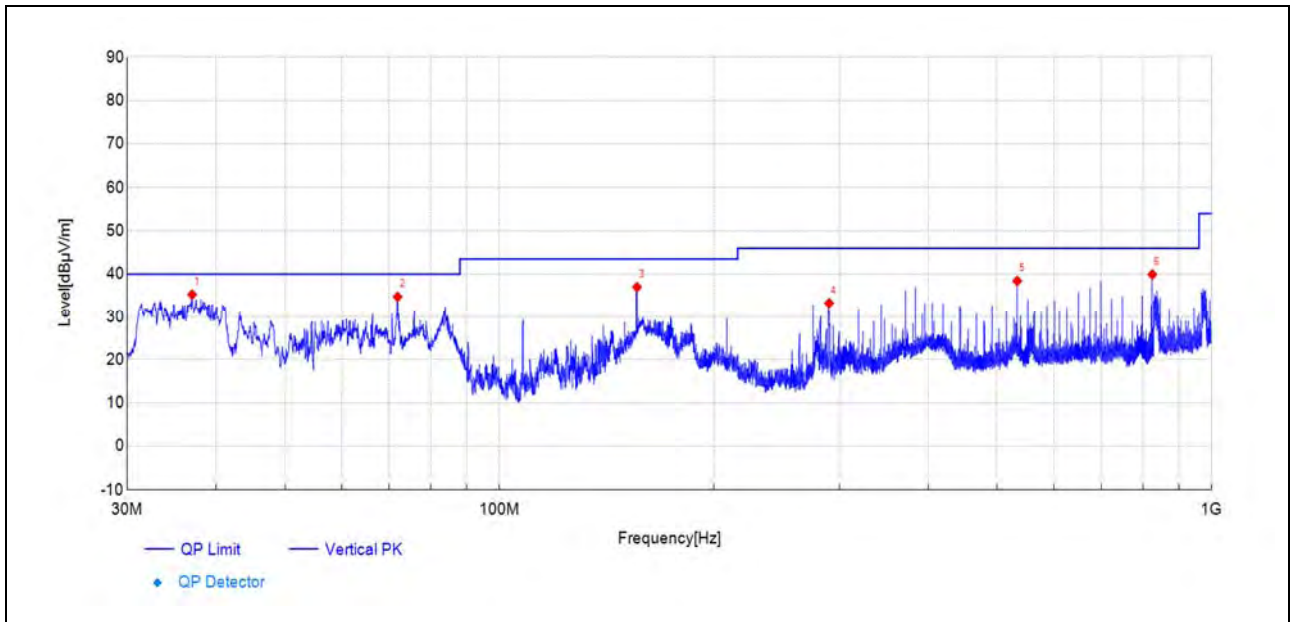
(Antenna Horizontal, 30MHz to 1GHz)

Freq. [MHz]	Reading [dBμV]	Level [dBμV/m]	Factor [dB/m]	Limit [dBμV/m]	Margin [dB]	Angle [°]	Detector	Polarity	Verdict
35.92	61.5	31.84	-29.630	40.00	8.16	330	PK	Horizontal	PASS
72.00	66.6	35.17	-31.380	40.00	4.83	351	PK	Horizontal	PASS
107.99	66.3	37.34	-28.950	43.50	6.16	180	PK	Horizontal	PASS
156.01	71.4	39.52	-31.900	43.50	3.98	56	PK	Horizontal	PASS
372.04	62.7	39.72	-22.980	46.00	6.28	167	PK	Horizontal	PASS
827.77	54.9	40.55	-14.390	46.00	5.45	310	PK	Horizontal	PASS



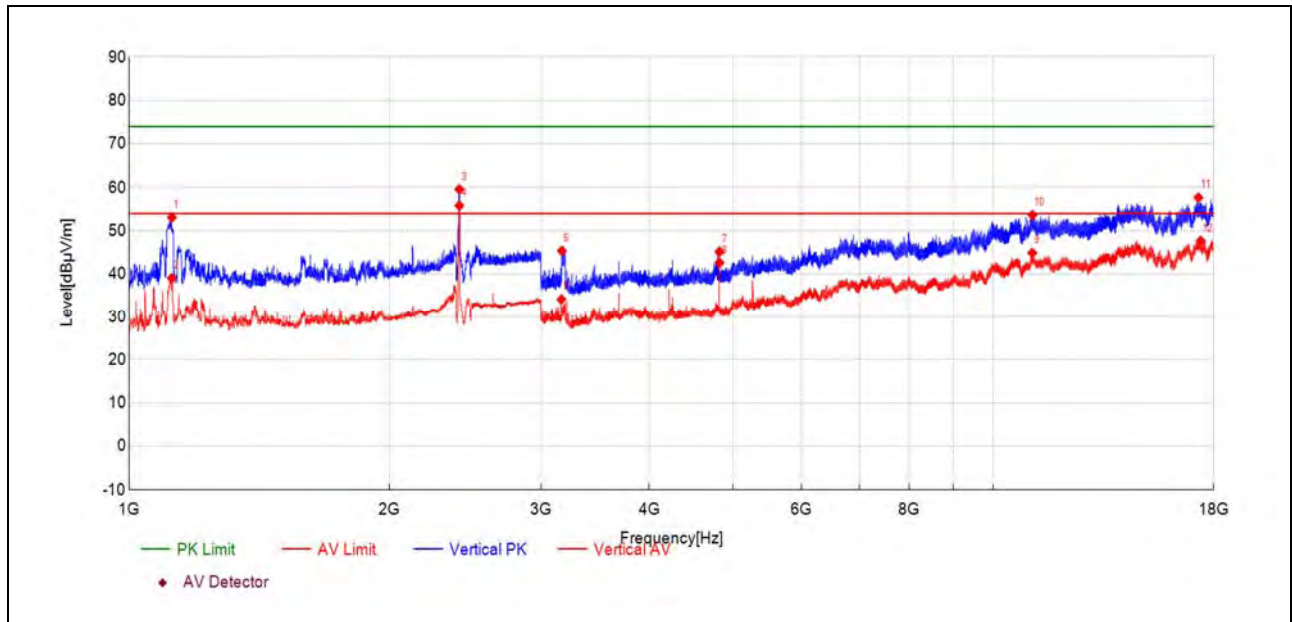
(Antenna Horizontal, 1GHz to 18GHz)

Freq. [MHz]	Reading [dBμV]	Level [dBμV/m]	Factor [dB/m]	Limit [dBμV/m]	Margin [dB]	Angle [°]	Detector	Polarity	Verdict
1108.82	56.5	54.20	-2.270	74.00	19.80	169	PK	Horizontal	PASS
1113.22	43.8	41.59	-2.240	54.00	12.41	169	AV	Horizontal	PASS
2410.68	60.5	65.85	5.380	-	-	286	PK	Horizontal	NA
2411.48	56.8	62.16	5.390	-	-	286	AV	Horizontal	NA
3198.86	56.7	45.85	-10.840	74.00	28.15	222	PK	Horizontal	PASS
3216.43	50.4	39.38	-11.000	54.00	14.62	332	AV	Horizontal	PASS
4824.05	50.7	45.69	-5.000	74.00	28.31	76	PK	Horizontal	PASS
4824.48	47.2	42.16	-4.990	54.00	11.84	96	AV	Horizontal	PASS
10662.65	31.2	43.55	12.320	54.00	10.45	0	AV	Horizontal	PASS
10736.36	41.4	53.52	12.120	74.00	20.48	332	PK	Horizontal	PASS
14690.05	36.4	56.93	20.570	74.00	17.07	332	PK	Horizontal	PASS
14691.76	26.9	47.48	20.580	54.00	6.52	23	AV	Horizontal	PASS



(Antenna Vertical, 30MHz to 1GHz)

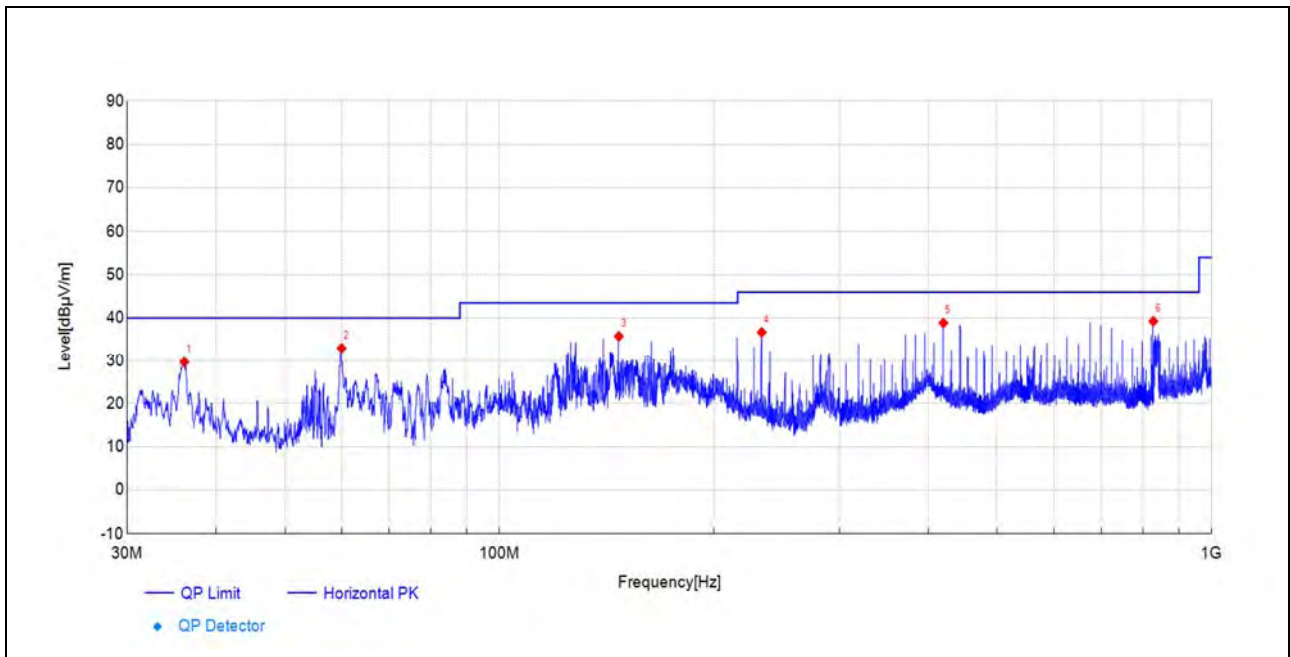
Freq. [MHz]	Reading [dBμV]	Level [dBμV/m]	Factor [dB/m]	Limit [dBμV/m]	Margin [dB]	Angle [°]	Detector	Polarity	Verdict
37.03	64.6	35.27	-29.280	40.00	4.73	255	PK	Vertical	PASS
71.95	66.1	34.73	-31.400	40.00	5.27	290	PK	Vertical	PASS
156.01	68.9	36.99	-31.900	43.50	6.51	69	PK	Vertical	PASS
290.26	59.7	33.25	-26.420	46.00	12.75	152	PK	Vertical	PASS
533.16	57.4	38.42	-19.020	46.00	7.58	62	PK	Vertical	PASS
825.34	54.1	39.92	-14.220	46.00	6.08	159	PK	Vertical	PASS



(Antenna Vertical, 1GHz to 18GHz)

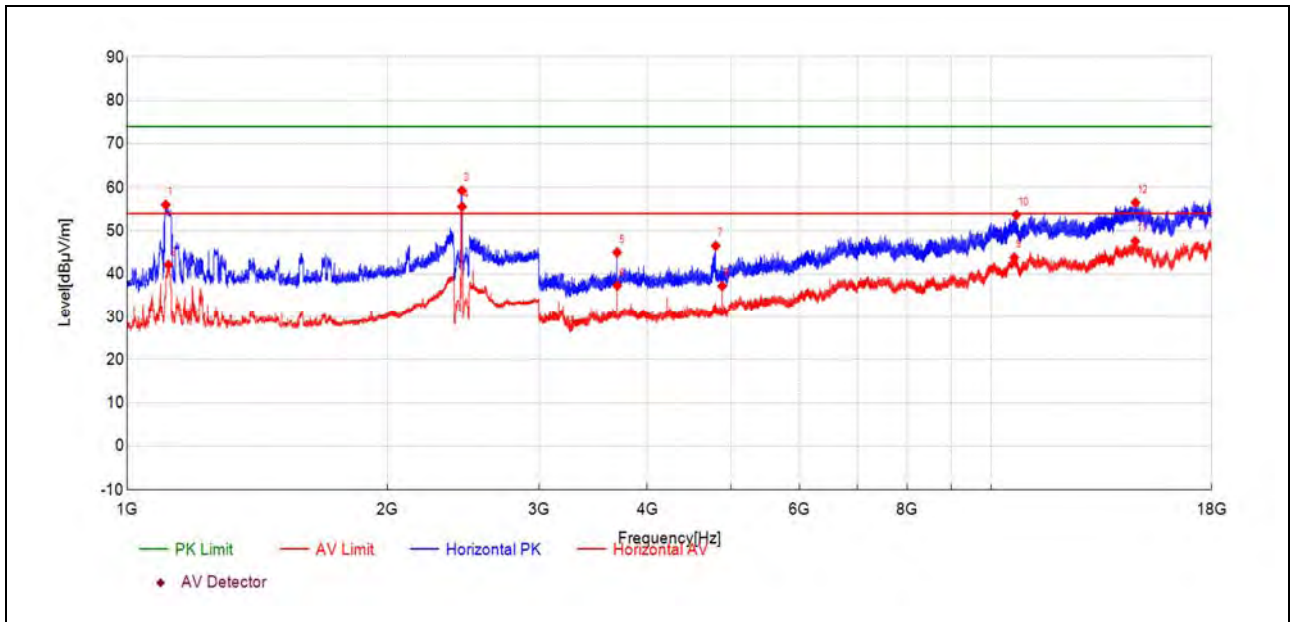
Freq. [MHz]	Reading [dBμV]	Level [dBμV/m]	Factor [dB/m]	Limit [dBμV/m]	Margin [dB]	Angle [°]	Detector	Polarity	Verdict
1120.82	55.3	53.11	-2.190	74.00	20.89	171	PK	Vertical	PASS
1120.82	41.2	39.03	-2.190	54.00	14.97	149	AV	Vertical	PASS
2411.08	54.2	59.63	5.390	-	-	325	PK	Vertical	NA
2411.48	50.5	55.84	5.390	-	-	325	AV	Vertical	NA
3165.43	44.7	34.15	-10.530	54.00	19.85	351	AV	Vertical	PASS
3169.29	56.0	45.38	-10.570	74.00	28.62	168	PK	Vertical	PASS
4824.05	50.2	45.19	-5.000	74.00	28.81	205	PK	Vertical	PASS
4824.48	47.6	42.63	-4.990	54.00	11.37	205	AV	Vertical	PASS
11102.37	30.8	44.87	14.070	54.00	9.13	20	AV	Vertical	PASS
11108.37	39.6	53.64	14.030	74.00	20.36	185	PK	Vertical	PASS
17282.98	38.6	57.69	19.070	74.00	16.31	111	PK	Vertical	PASS
17384.98	27.7	47.69	19.970	54.00	6.31	314	AV	Vertical	PASS

Plot for Channel 6



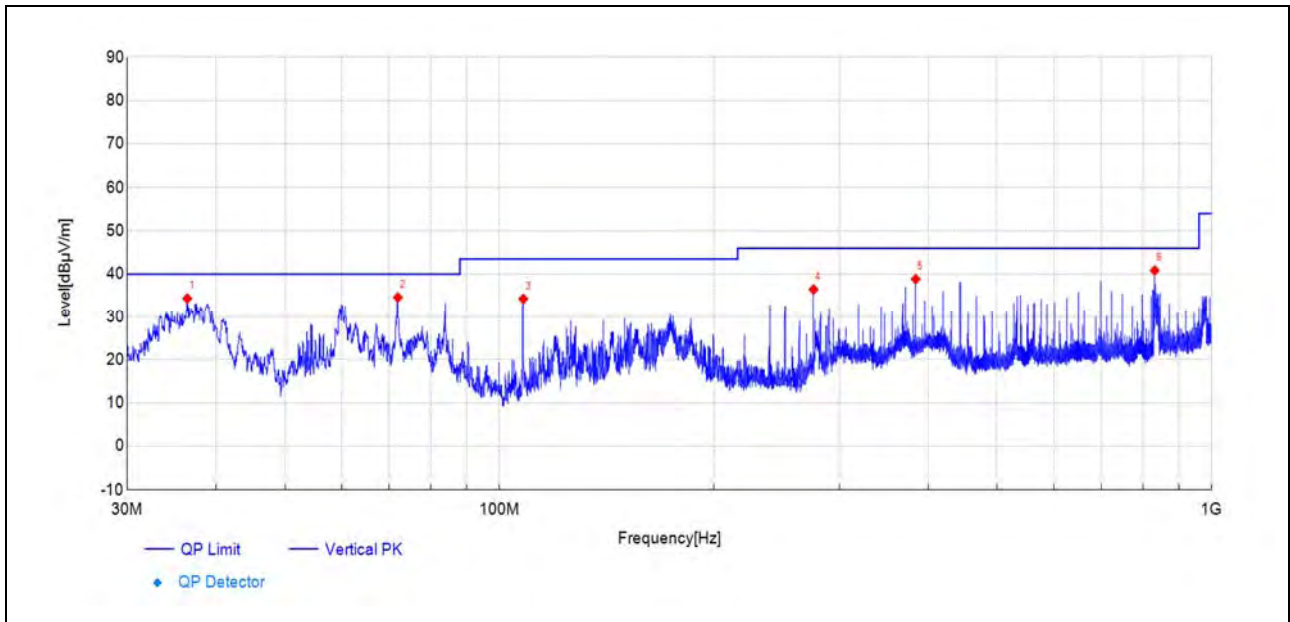
(Antenna Horizontal, 30MHz to 1GHz)

Freq. [MHz]	Reading [dBμV]	Level [dBμV/m]	Factor [dB/m]	Limit [dBμV/m]	Margin [dB]	Angle [°]	Detector	Polarity	Verdict
36.11	59.2	29.65	-29.560	40.00	10.35	332	PK	Horizontal	PASS
60.02	61.5	32.96	-28.550	40.00	7.04	29	PK	Horizontal	PASS
147.08	67.5	35.75	-31.730	43.50	7.75	36	PK	Horizontal	PASS
233.47	64.6	36.68	-27.930	46.00	9.32	36	PK	Horizontal	PASS
420.01	61.3	38.84	-22.430	46.00	7.16	298	PK	Horizontal	PASS
828.01	53.7	39.26	-14.410	46.00	6.74	57	PK	Horizontal	PASS



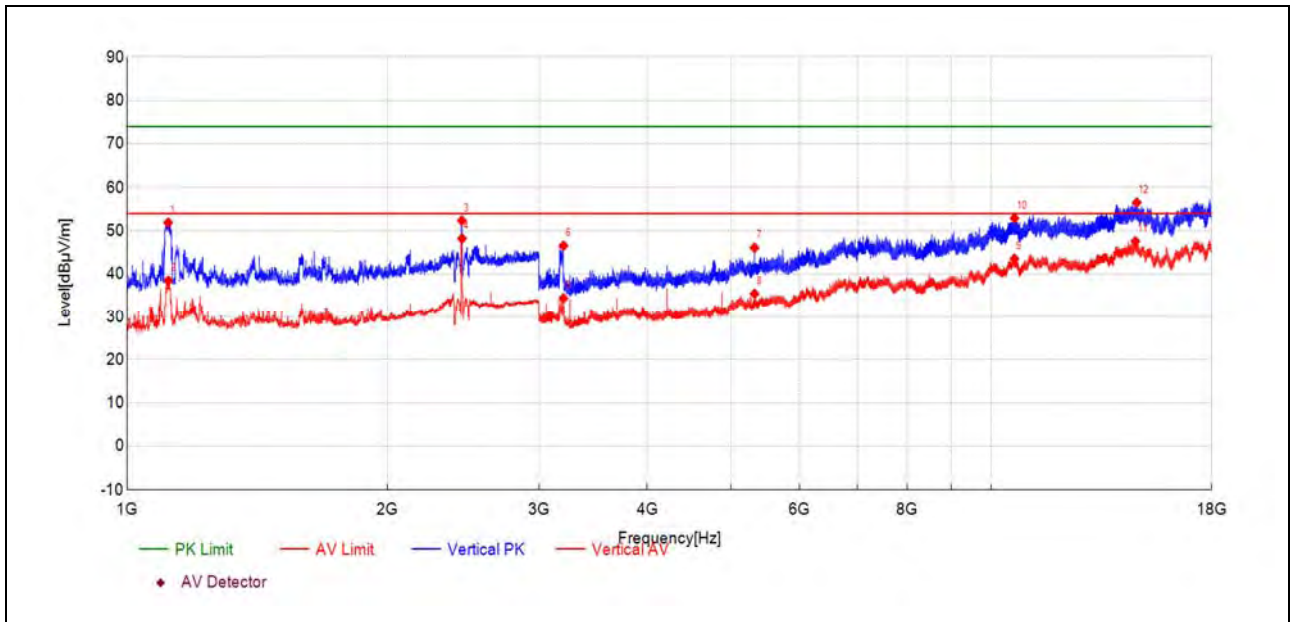
(Antenna Horizontal, 1GHz to 18GHz)

Freq. [MHz]	Reading [dBμV]	Level [dBμV/m]	Factor [dB/m]	Limit [dBμV/m]	Margin [dB]	Angle [°]	Detector	Polarity	Verdict
1108.82	58.3	56.03	-2.270	74.00	17.97	165	PK	Horizontal	PASS
1116.42	44.4	42.13	-2.220	54.00	11.87	165	AV	Horizontal	PASS
2437.69	53.5	59.33	5.830	-	-	284	PK	Horizontal	NA
2437.49	49.8	55.60	5.840	-	-	284	AV	Horizontal	NA
3692.16	54.2	45.03	-9.200	74.00	28.97	143	PK	Horizontal	PASS
3692.59	46.5	37.31	-9.210	54.00	16.69	164	AV	Horizontal	PASS
4800.05	51.7	46.55	-5.180	74.00	27.45	201	PK	Horizontal	PASS
4884.48	42.3	37.22	-5.030	54.00	16.78	89	AV	Horizontal	PASS
10633.50	31.6	43.85	12.210	54.00	10.15	292	AV	Horizontal	PASS
10696.93	41.3	53.71	12.450	74.00	20.29	351	PK	Horizontal	PASS
14680.62	27.1	47.61	20.550	54.00	6.39	126	AV	Horizontal	PASS
14691.76	36.0	56.54	20.580	74.00	17.46	237	PK	Horizontal	PASS



(Antenna Vertical, 30MHz to 1GHz)

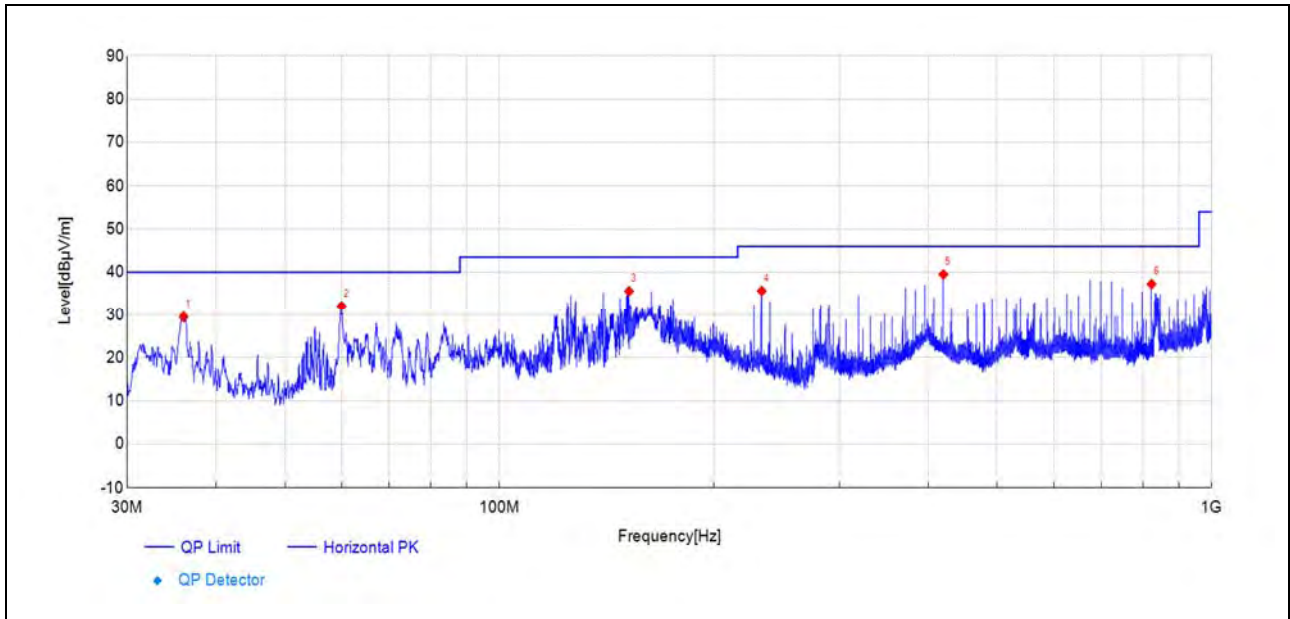
Freq. [MHz]	Reading [dBμV]	Level [dBμV/m]	Factor [dB/m]	Limit [dBμV/m]	Margin [dB]	Angle [°]	Detector	Polarity	Verdict
36.45	63.8	34.34	-29.440	40.00	5.66	11	PK	Vertical	PASS
72.00	66.0	34.58	-31.380	40.00	5.42	274	PK	Vertical	PASS
108.04	63.2	34.26	-28.940	43.50	9.24	108	PK	Vertical	PASS
276.05	62.6	36.43	-26.120	46.00	9.57	295	PK	Vertical	PASS
384.02	61.6	38.84	-22.730	46.00	7.16	330	PK	Vertical	PASS
831.65	55.1	40.85	-14.290	46.00	5.15	336	PK	Vertical	PASS



(Antenna Vertical, 1GHz to 18GHz)

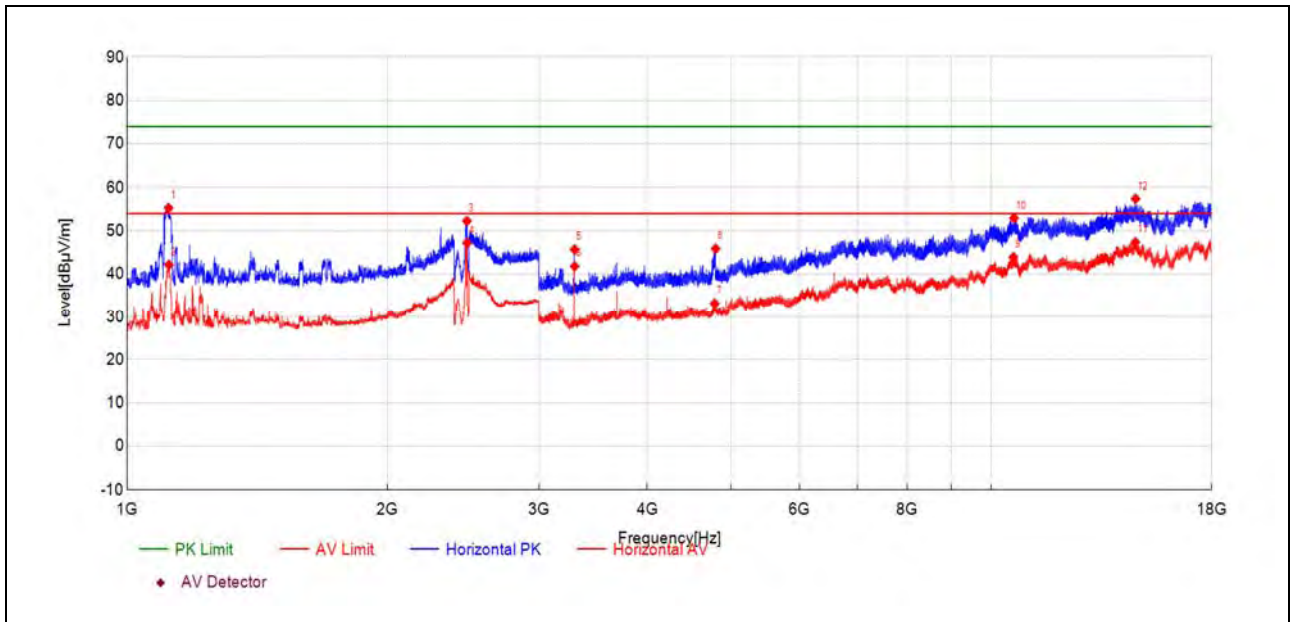
Freq. [MHz]	Reading [dBμV]	Level [dBμV/m]	Factor [dB/m]	Limit [dBμV/m]	Margin [dB]	Angle [°]	Detector	Polarity	Verdict
1116.02	54.1	51.91	-2.220	74.00	22.09	148	PK	Vertical	PASS
1116.42	40.7	38.48	-2.220	54.00	15.52	148	AV	Vertical	PASS
2437.29	46.6	52.37	5.820	-	-	325	PK	Vertical	NA
2437.49	42.4	48.22	5.840	-	-	325	AV	Vertical	NA
3199.29	45.2	34.39	-10.840	54.00	19.61	110	AV	Vertical	PASS
3199.72	57.4	46.58	-10.850	74.00	27.42	74	PK	Vertical	PASS
5323.78	48.6	46.10	-2.510	74.00	27.90	21	PK	Vertical	PASS
5324.21	38.0	35.44	-2.510	54.00	18.56	38	AV	Vertical	PASS
10639.93	31.3	43.56	12.240	54.00	10.44	351	AV	Vertical	PASS
10642.50	40.7	52.92	12.250	74.00	21.08	278	PK	Vertical	PASS
14687.48	27.0	47.57	20.570	54.00	6.43	258	AV	Vertical	PASS
14742.34	36.3	56.55	20.230	74.00	17.45	183	PK	Vertical	PASS

Plot for Channel 11



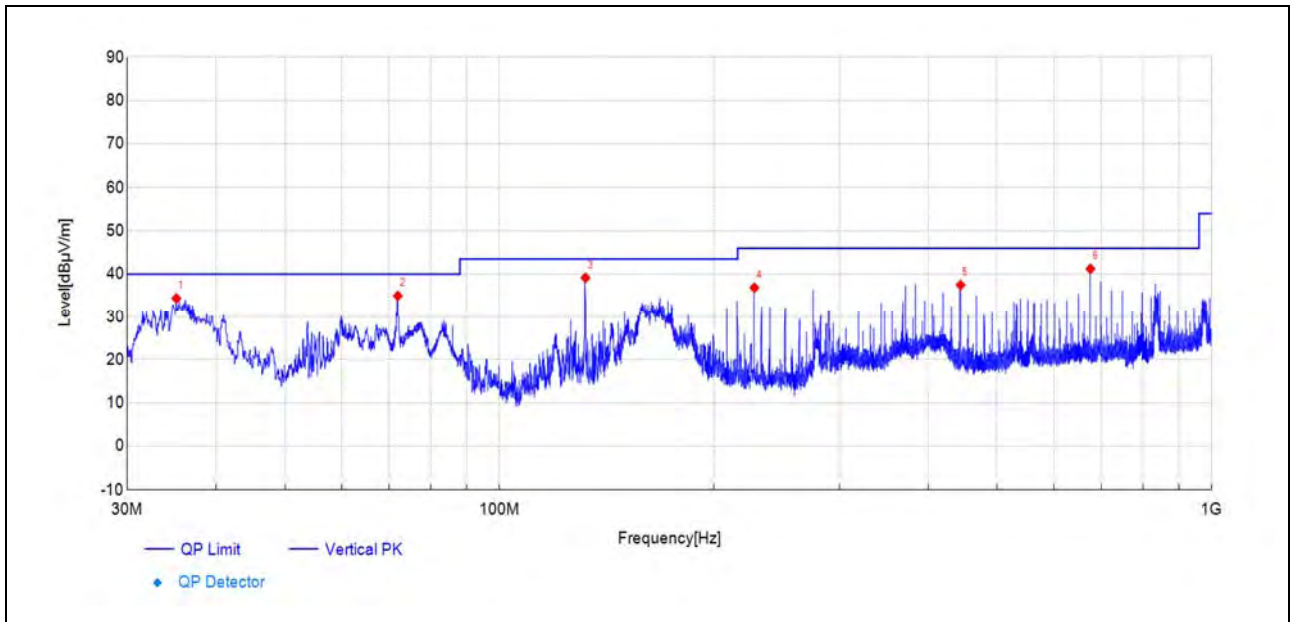
(Antenna Horizontal, 30MHz to 1GHz)

Freq. [MHz]	Reading [dBμV]	Level [dBμV/m]	Factor [dB/m]	Limit [dBμV/m]	Margin [dB]	Angle [°]	Detector	Polarity	Verdict
36.01	59.1	29.53	-29.590	40.00	10.47	112	PK	Horizontal	PASS
60.02	60.6	32.06	-28.550	40.00	7.94	36	PK	Horizontal	PASS
152.03	67.6	35.57	-32.050	43.50	7.93	64	PK	Horizontal	PASS
233.47	63.5	35.61	-27.930	46.00	10.39	43	PK	Horizontal	PASS
420.01	61.9	39.48	-22.430	46.00	6.52	306	PK	Horizontal	PASS
823.31	51.6	37.23	-14.330	46.00	8.77	64	PK	Horizontal	PASS



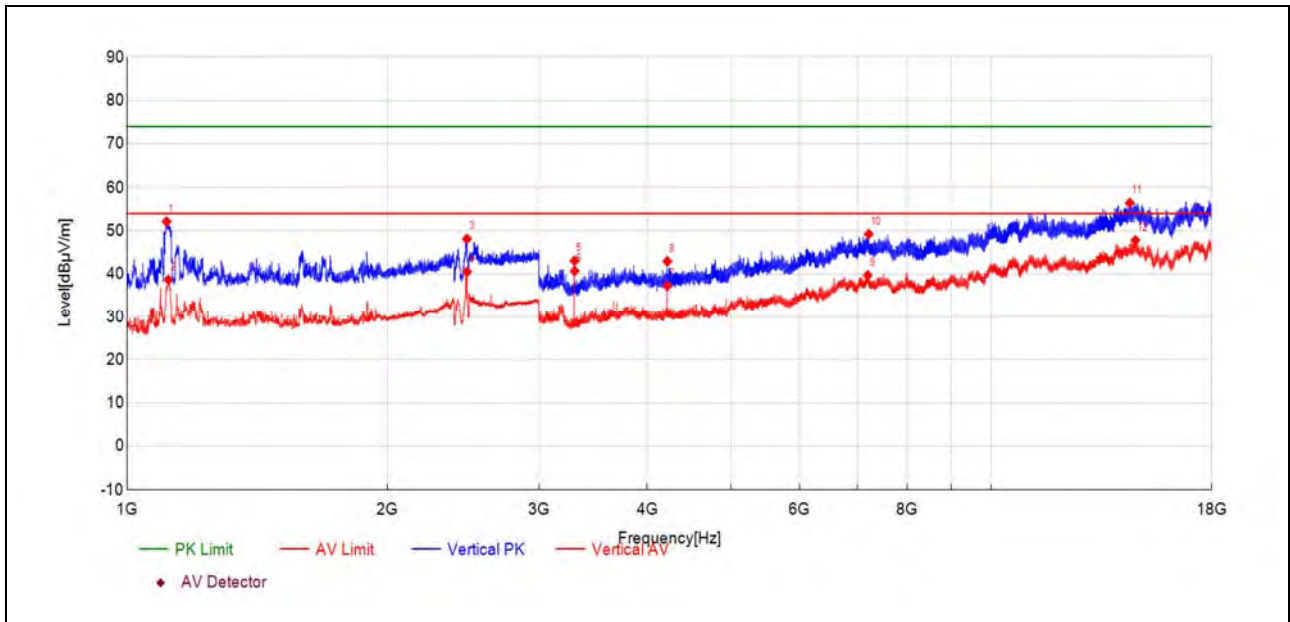
(Antenna Horizontal, 1GHz to 18GHz)

Freq. [MHz]	Reading [dBμV]	Level [dBμV/m]	Factor [dB/m]	Limit [dBμV/m]	Margin [dB]	Angle [°]	Detector	Polarity	Verdict
1117.22	57.5	55.29	-2.220	74.00	18.71	163	PK	Horizontal	PASS
1118.02	44.3	42.12	-2.200	54.00	11.88	170	AV	Horizontal	PASS
2463.89	46.4	52.30	5.900	-	-	280	PK	Horizontal	NA
2465.10	41.3	47.22	5.910	-	-	287	AV	Horizontal	NA
3296.15	56.8	45.70	-11.110	74.00	28.30	332	PK	Horizontal	PASS
3296.58	52.9	41.82	-11.100	54.00	12.18	332	AV	Horizontal	PASS
4787.19	38.4	33.13	-5.290	54.00	20.87	205	AV	Horizontal	PASS
4800.05	51.1	45.88	-5.180	74.00	28.12	222	PK	Horizontal	PASS
10613.79	31.8	43.91	12.140	54.00	10.09	95	AV	Horizontal	PASS
10631.36	40.7	52.94	12.210	74.00	21.06	186	PK	Horizontal	PASS
14687.48	26.8	47.37	20.570	54.00	6.63	278	AV	Horizontal	PASS
14693.05	36.8	57.42	20.590	74.00	16.58	278	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
35.19	64.3	34.37	-29.930	40.00	5.63	255	PK	Vertical	PASS
72.00	66.3	34.95	-31.380	40.00	5.05	269	PK	Vertical	PASS
132.05	71.4	39.15	-32.240	43.50	4.35	158	PK	Vertical	PASS
228.04	65.2	36.84	-28.400	46.00	9.16	110	PK	Vertical	PASS
444.07	59.2	37.47	-21.760	46.00	8.53	284	PK	Vertical	PASS
675.81	57.3	41.22	-16.110	46.00	4.78	152	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
1111.22	54.4	52.15	-2.260	74.00	21.85	141	PK	Vertical	PASS
1116.82	40.9	38.68	-2.220	54.00	15.32	149	AV	Vertical	PASS
2464.29	42.3	48.15	5.900	-	-	331	PK	Vertical	NA
2464.69	34.6	40.52	5.900	-	-	324	AV	Vertical	NA
3296.15	54.2	43.08	-11.110	74.00	30.92	259	PK	Vertical	PASS
3296.58	51.8	40.73	-11.100	54.00	13.27	259	AV	Vertical	PASS
4220.18	44.7	37.29	-7.400	54.00	16.71	77	AV	Vertical	PASS
4220.18	50.4	42.96	-7.400	74.00	31.04	77	PK	Vertical	PASS
7197.55	34.6	39.69	5.090	54.00	14.31	223	AV	Vertical	PASS
7217.26	44.4	49.24	4.850	74.00	24.76	60	PK	Vertical	PASS
14468.04	37.0	56.46	19.440	74.00	17.54	351	PK	Vertical	PASS
14687.91	27.3	47.82	20.570	54.00	6.18	223	AV	Vertical	PASS

END OF REPORT