

**A.5. Conducted Spurious Emissions**

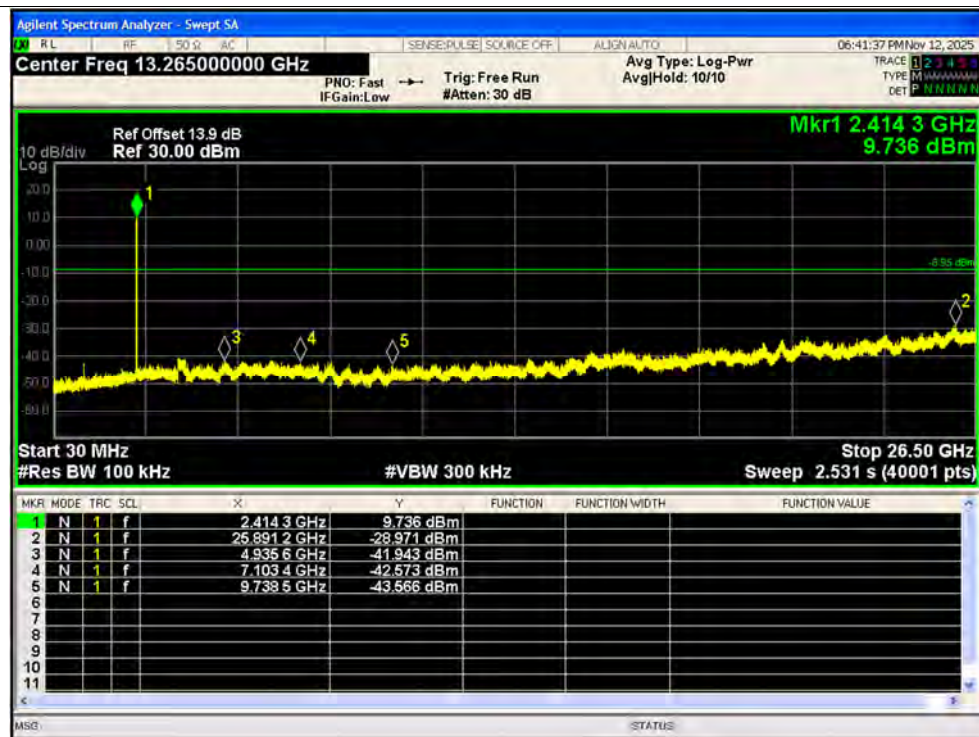
Condition	Mode	Frequency (MHz)	Antenna	Max Value (dBc)	Limit (dBc)	Verdict
NVNT	b SISO	2412	Ant1	-40.02	-20	Pass
NVNT	b SISO	2442	Ant1	-40.29	-20	Pass
NVNT	b SISO	2472	Ant1	-40.78	-20	Pass
NVNT	b SISO	2412	Ant2	-41.26	-20	Pass
NVNT	b SISO	2442	Ant2	-39.84	-20	Pass
NVNT	b SISO	2472	Ant2	-39.45	-20	Pass
NVNT	g SISO	2412	Ant1	-39.1	-20	Pass
NVNT	g SISO	2442	Ant1	-38.41	-20	Pass
NVNT	g SISO	2472	Ant1	-38.49	-20	Pass
NVNT	g SISO	2412	Ant2	-34.25	-20	Pass
NVNT	g SISO	2442	Ant2	-37.54	-20	Pass
NVNT	g SISO	2472	Ant2	-37.22	-20	Pass
NVNT	n20 SISO	2412	Ant1	-35.49	-20	Pass
NVNT	n20 SISO	2442	Ant1	-35.66	-20	Pass
NVNT	n20 SISO	2472	Ant1	-36	-20	Pass
NVNT	n20 SISO	2412	Ant2	-37.07	-20	Pass
NVNT	n20 SISO	2442	Ant2	-36.11	-20	Pass
NVNT	n20 SISO	2472	Ant2	-36.62	-20	Pass
NVNT	ax20 SISO	2412	Ant1	-33	-20	Pass
NVNT	ax20 SISO	2442	Ant1	-34.13	-20	Pass
NVNT	ax20 SISO	2472	Ant1	-30.85	-20	Pass
NVNT	ax20 SISO	2412	Ant2	-35.34	-20	Pass
NVNT	ax20 SISO	2442	Ant2	-34.41	-20	Pass
NVNT	ax20 SISO	2472	Ant2	-33.28	-20	Pass

Test Graphs

Tx. Spurious NVNT b 2412MHz Ant1 Ref SISO



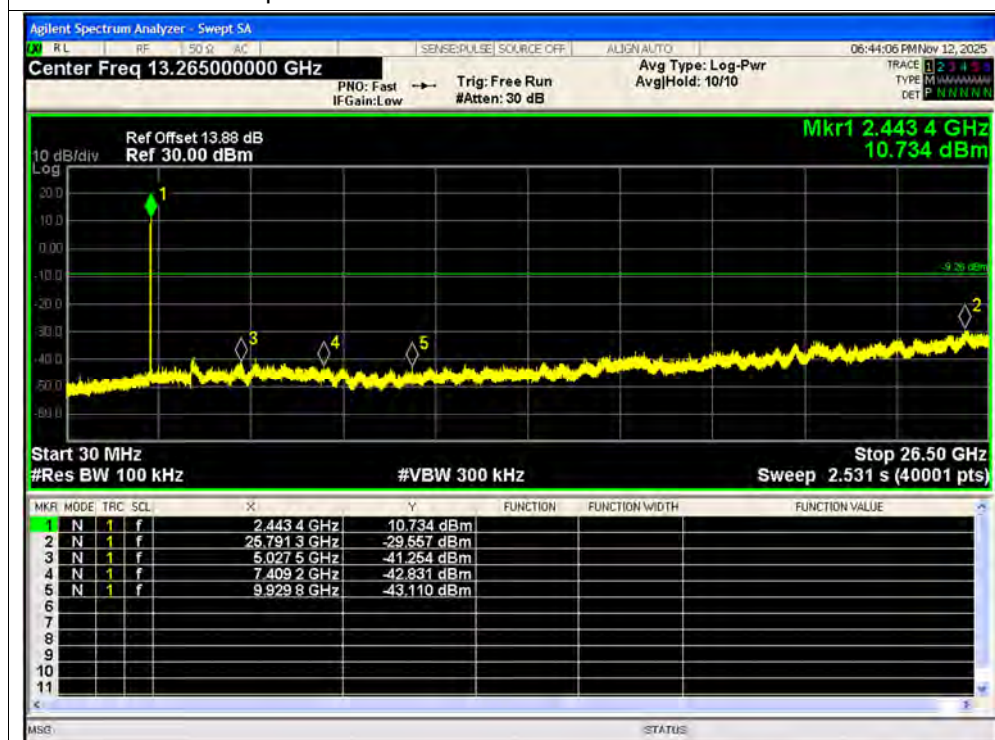
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Tx. Spurious NVNT b 2442MHz Ant1 Ref SISO



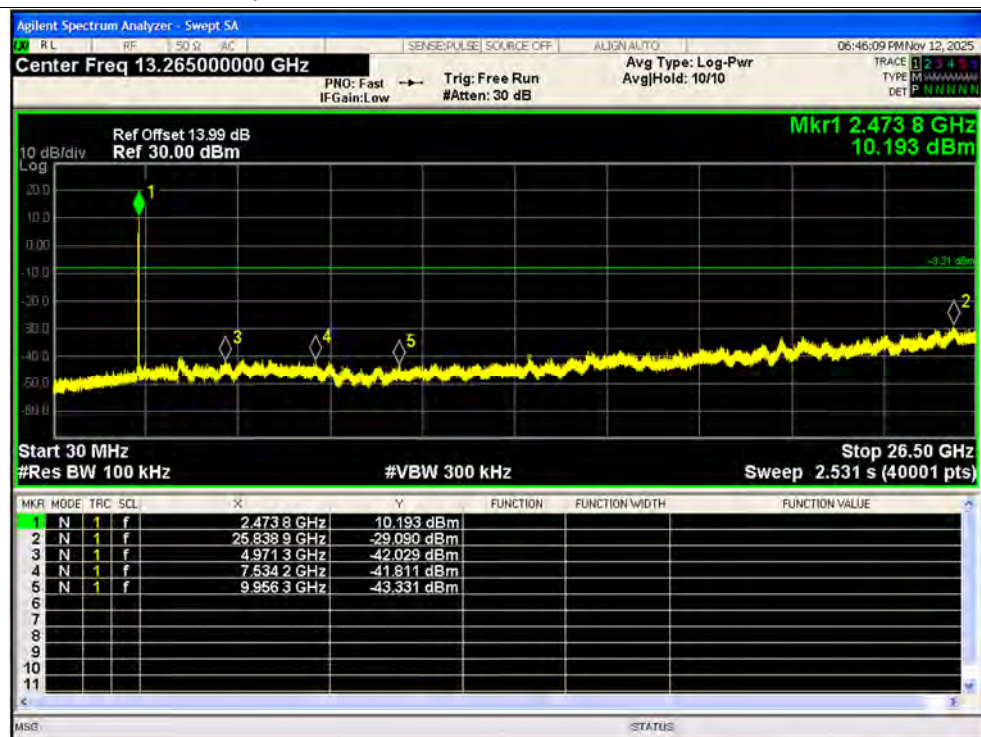
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Tx. Spurious NVNT b 2472MHz Ant1 Ref SISO



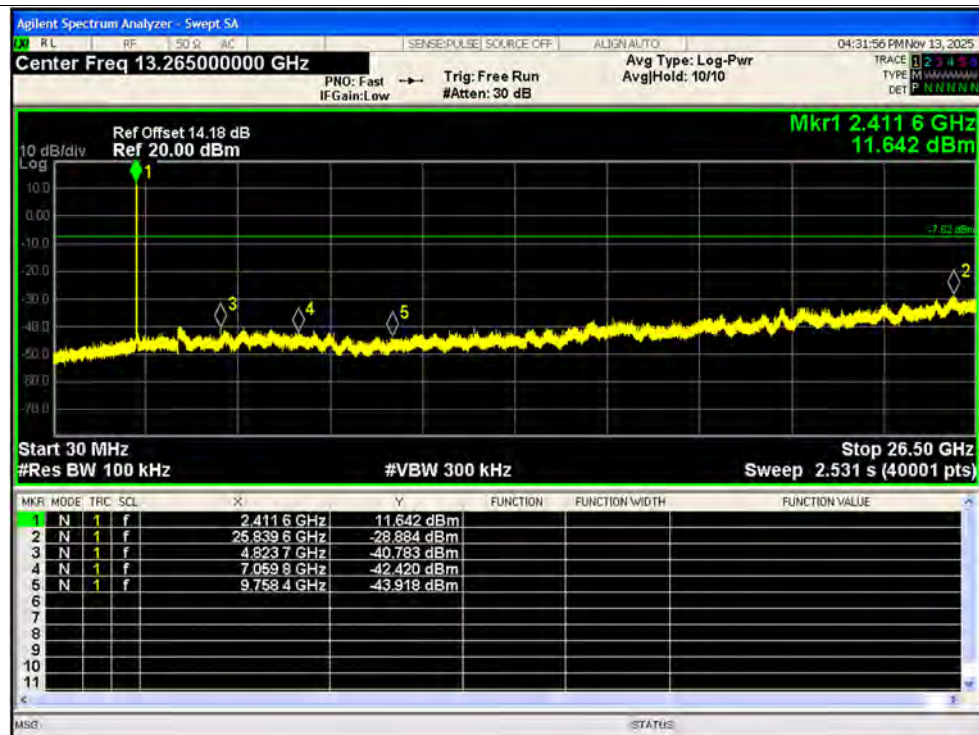
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Tx. Spurious NVNT b 2412MHz Ant2 Ref SISO



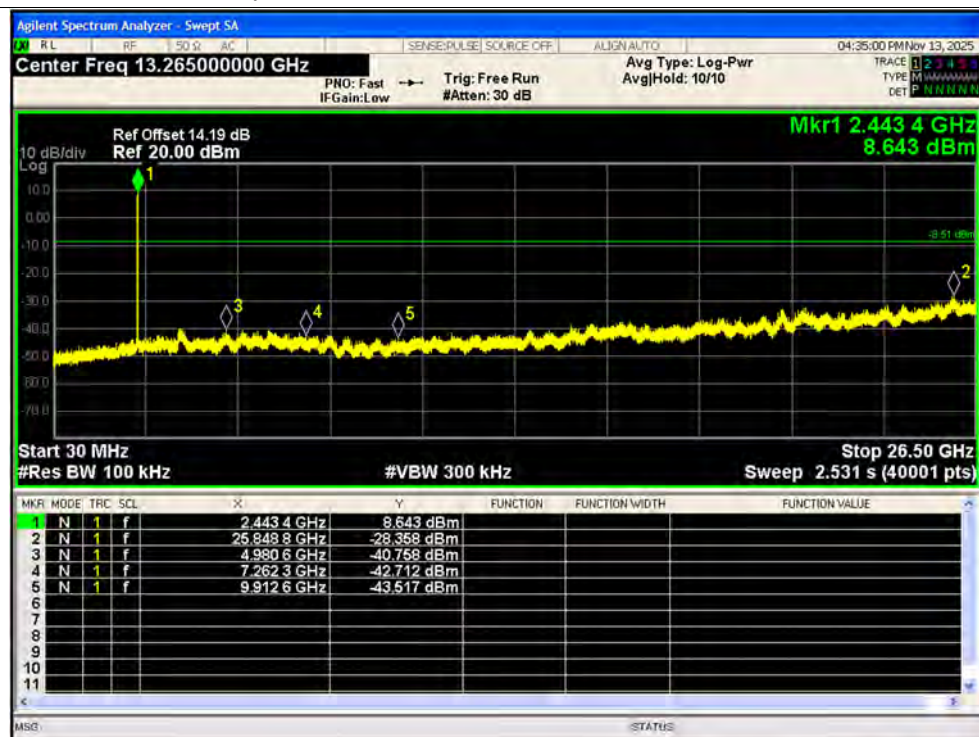
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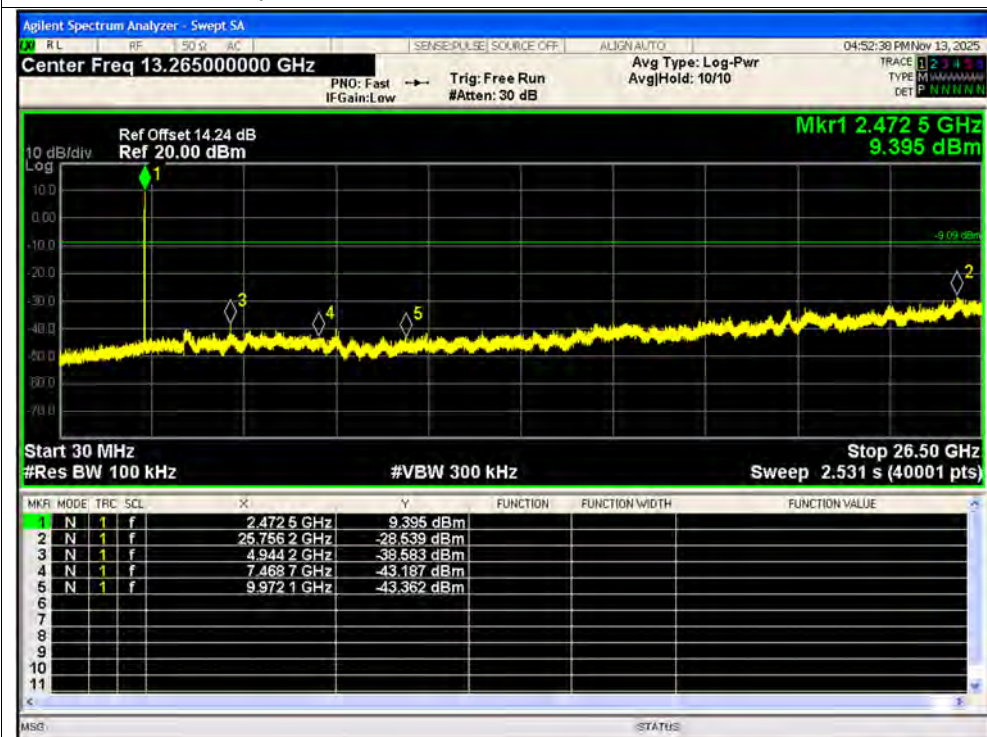
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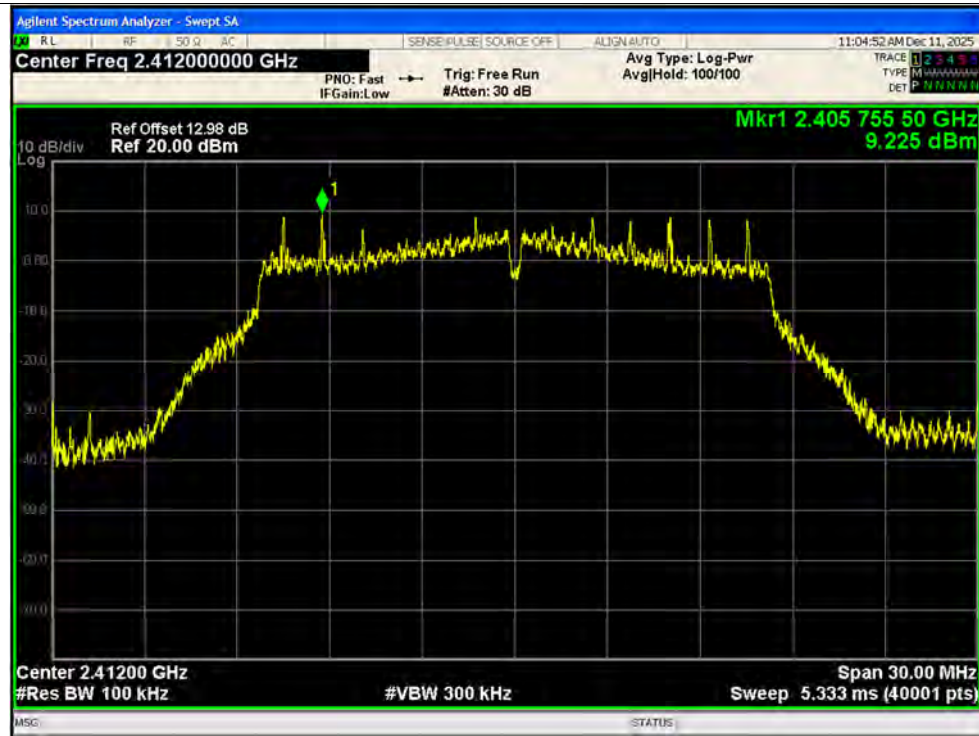
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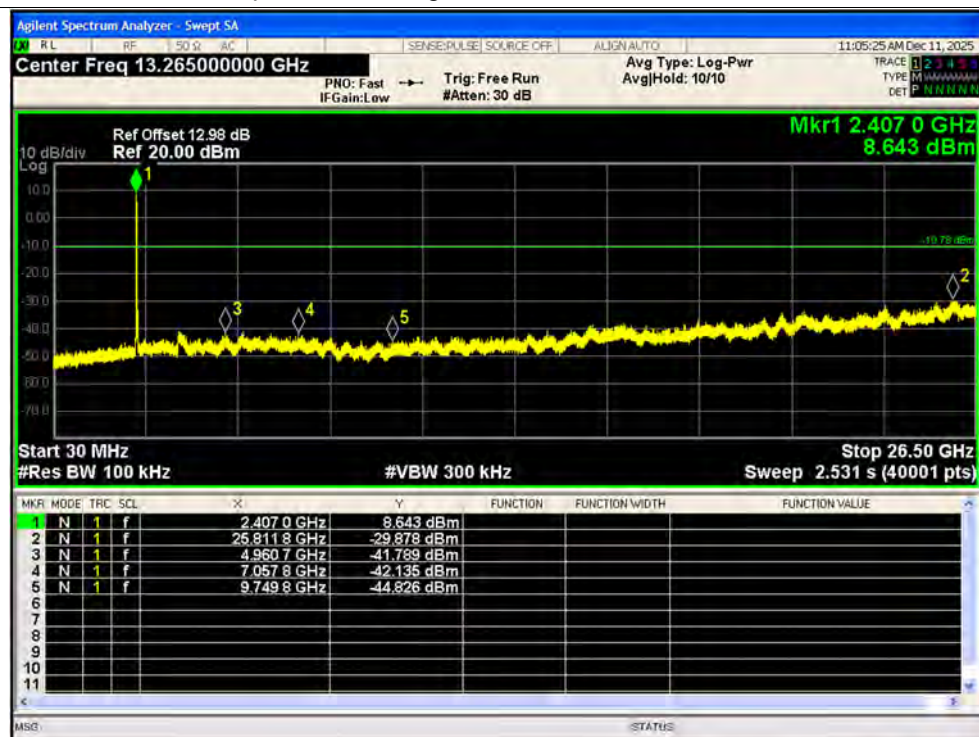
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Tx. Spurious NVNT g 2412MHz Ant1 Ref SISO



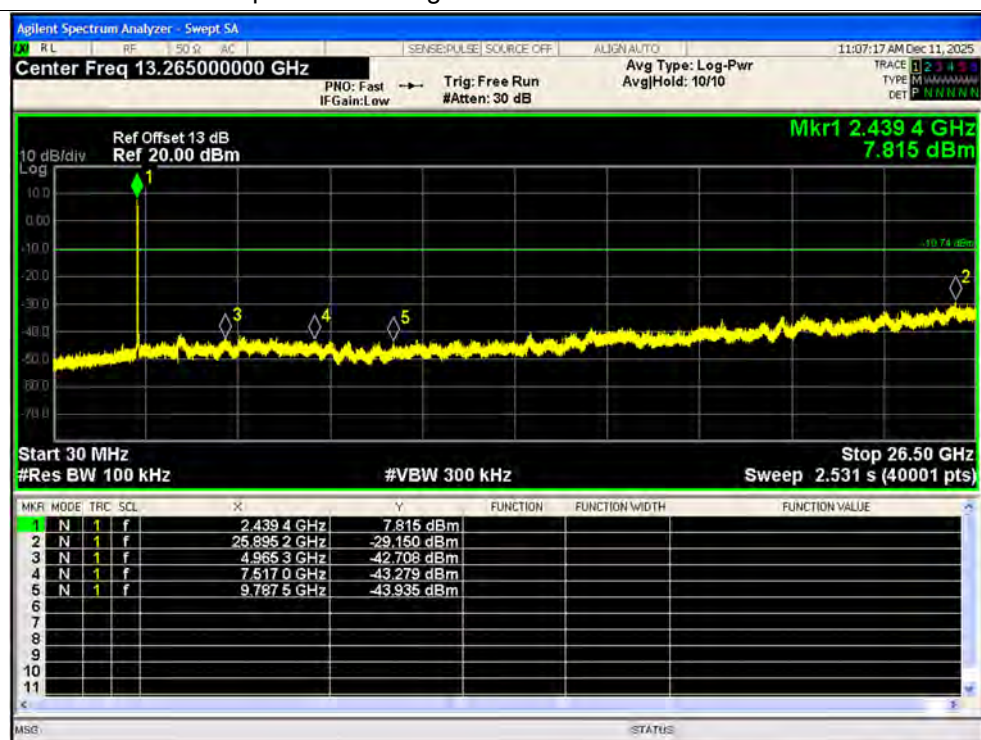
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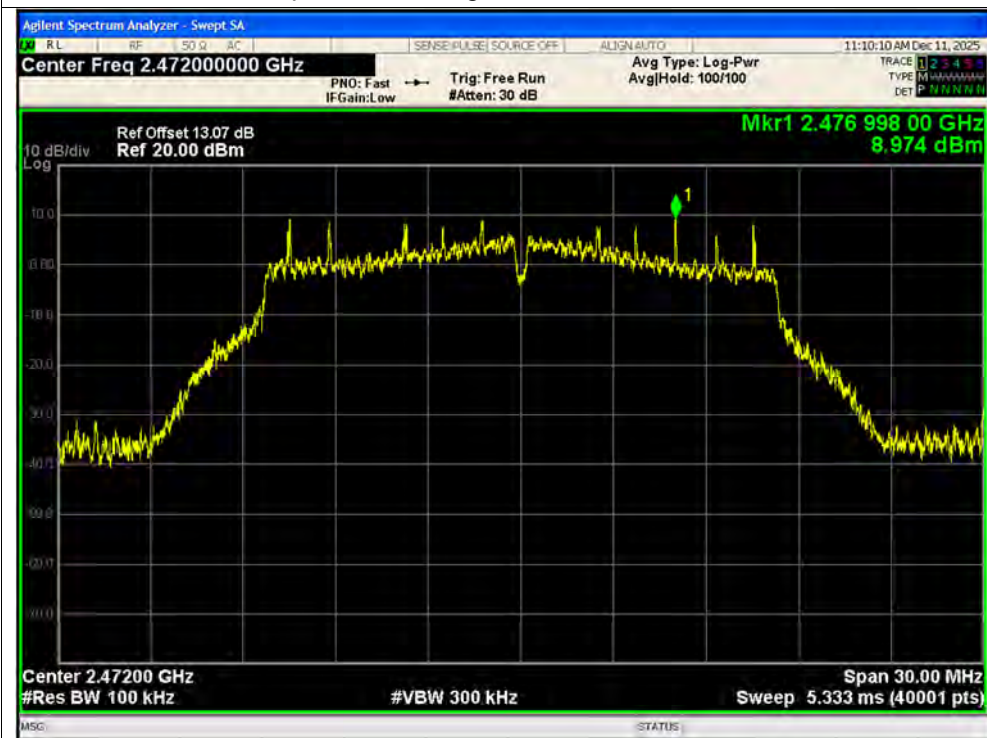
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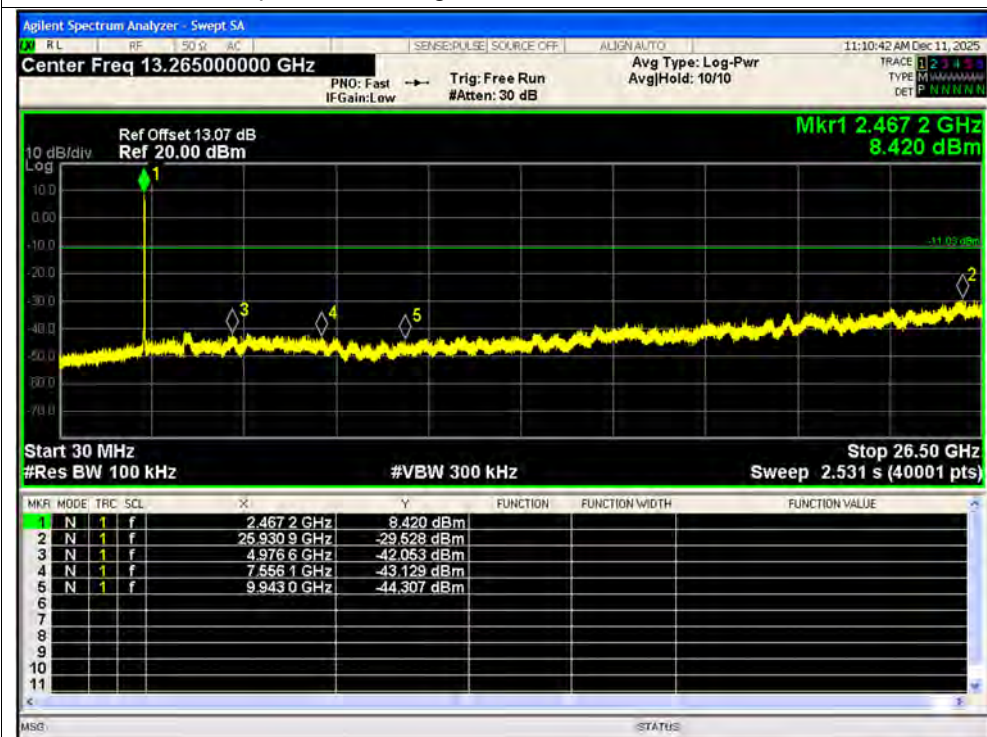
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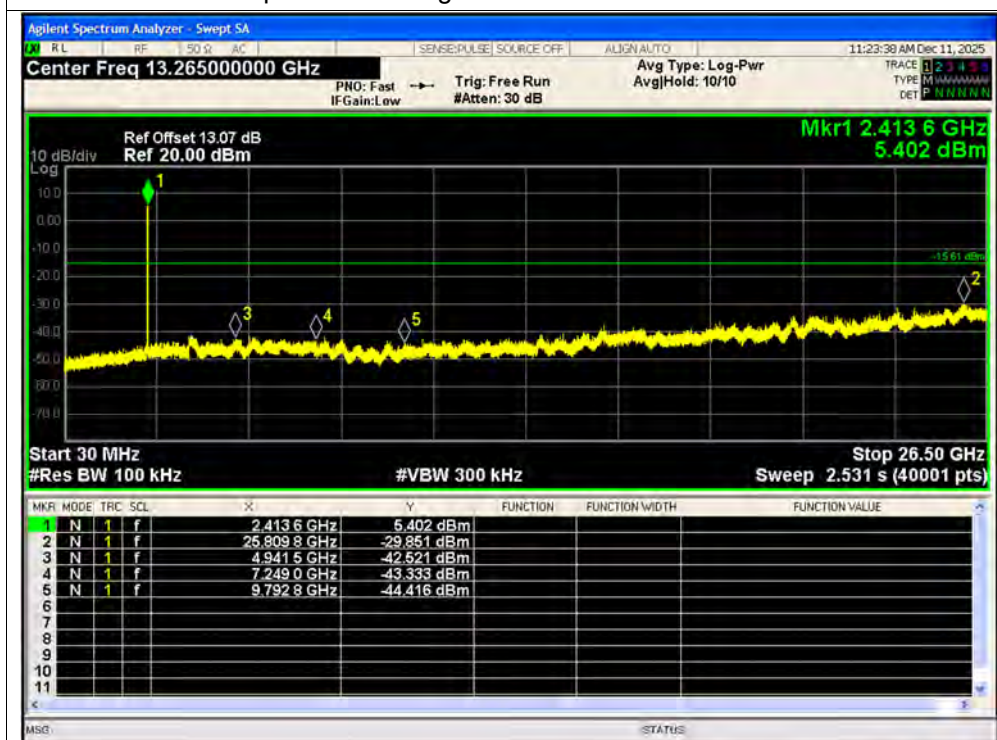
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Tx. Spurious NVNT g 2412MHz Ant2 Ref SISO



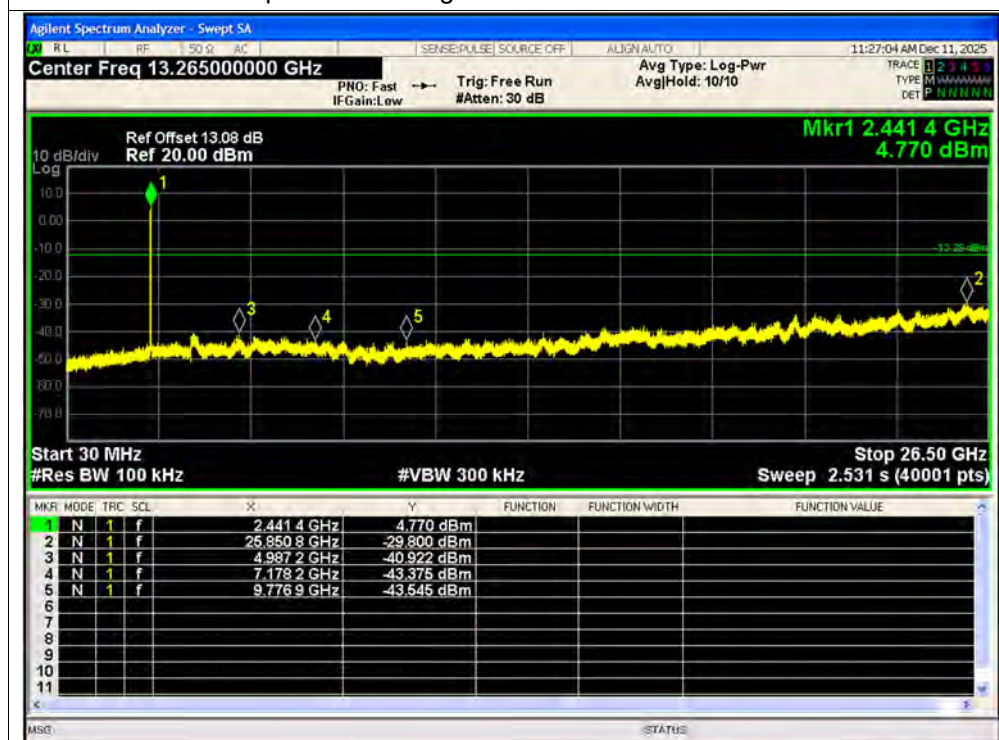
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Tx. Spurious NVNT g 2442MHz Ant2 Ref SISO



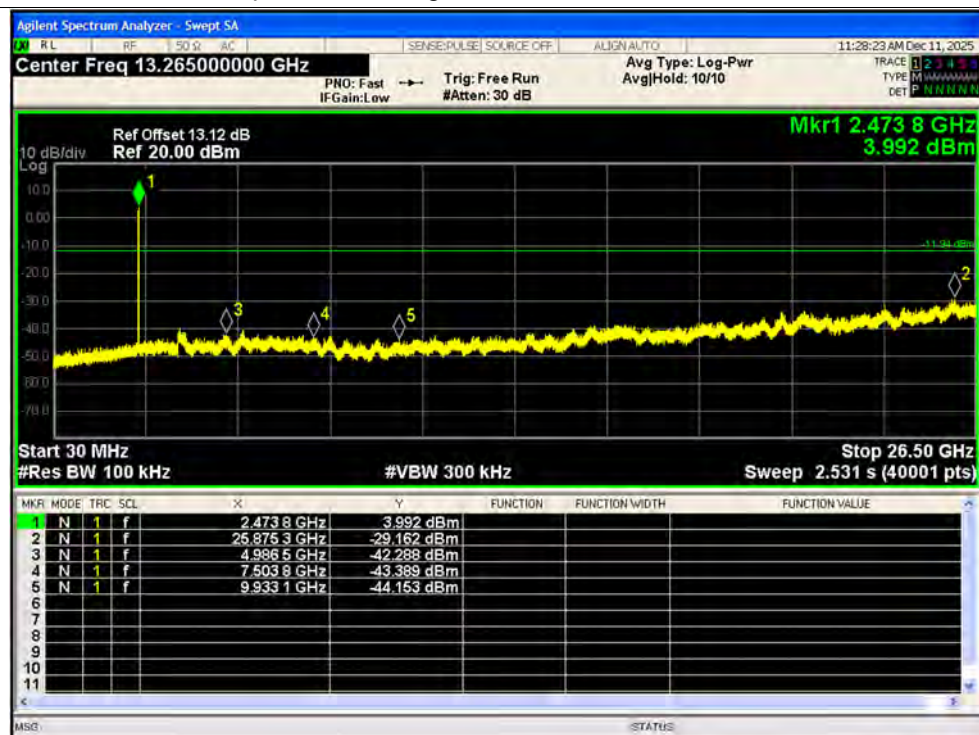
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Tx. Spurious NVNT g 2472MHz Ant2 Ref SISO



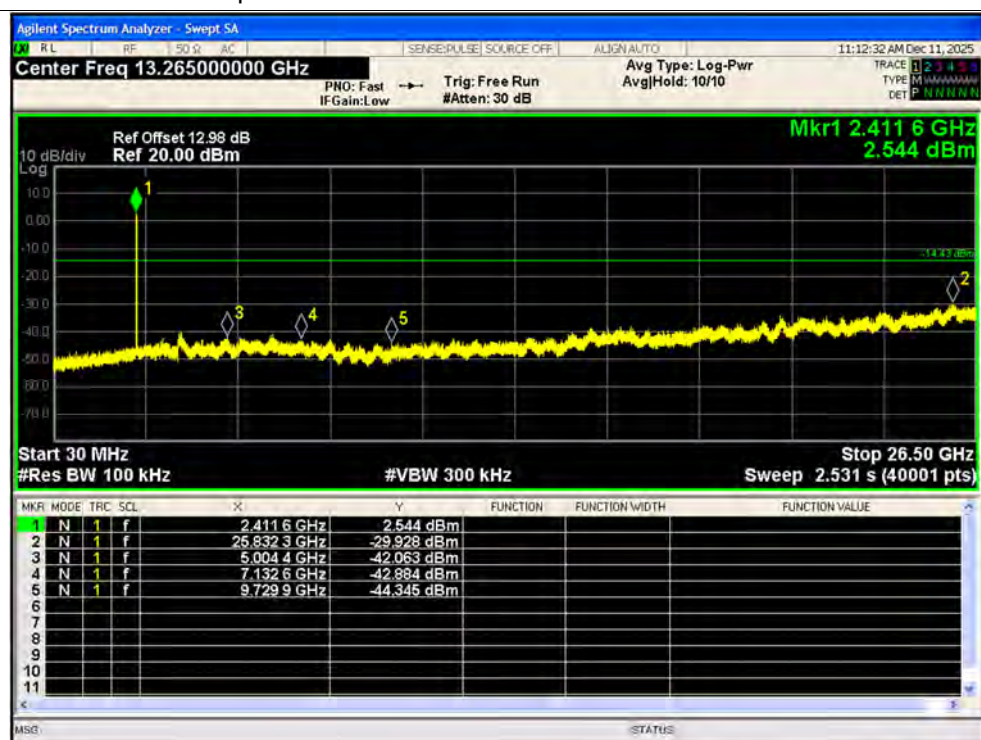
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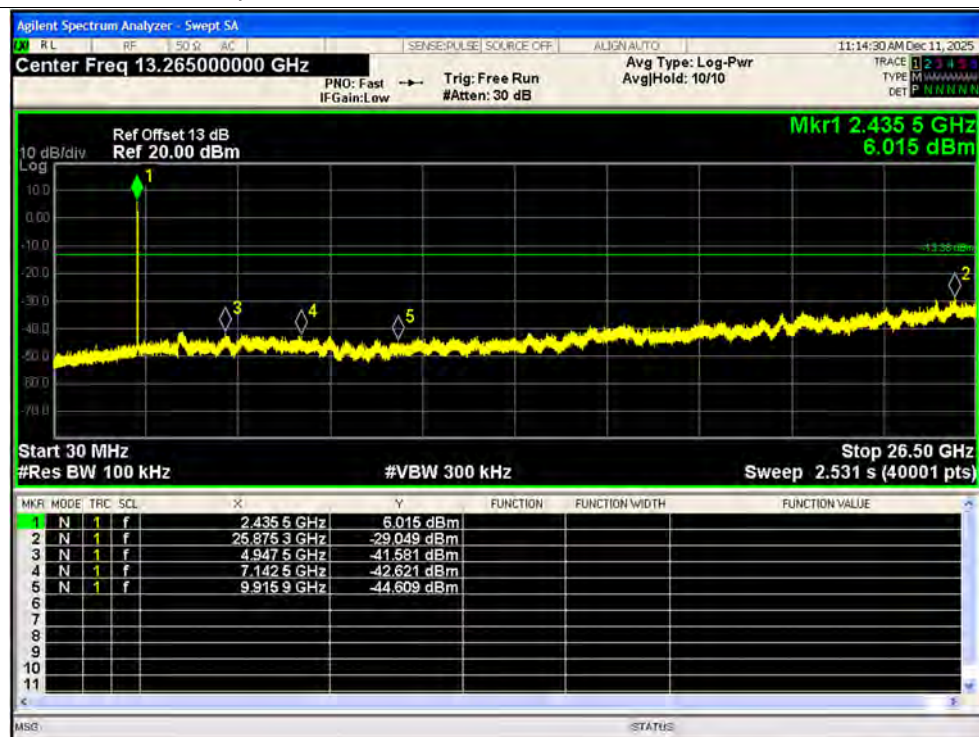
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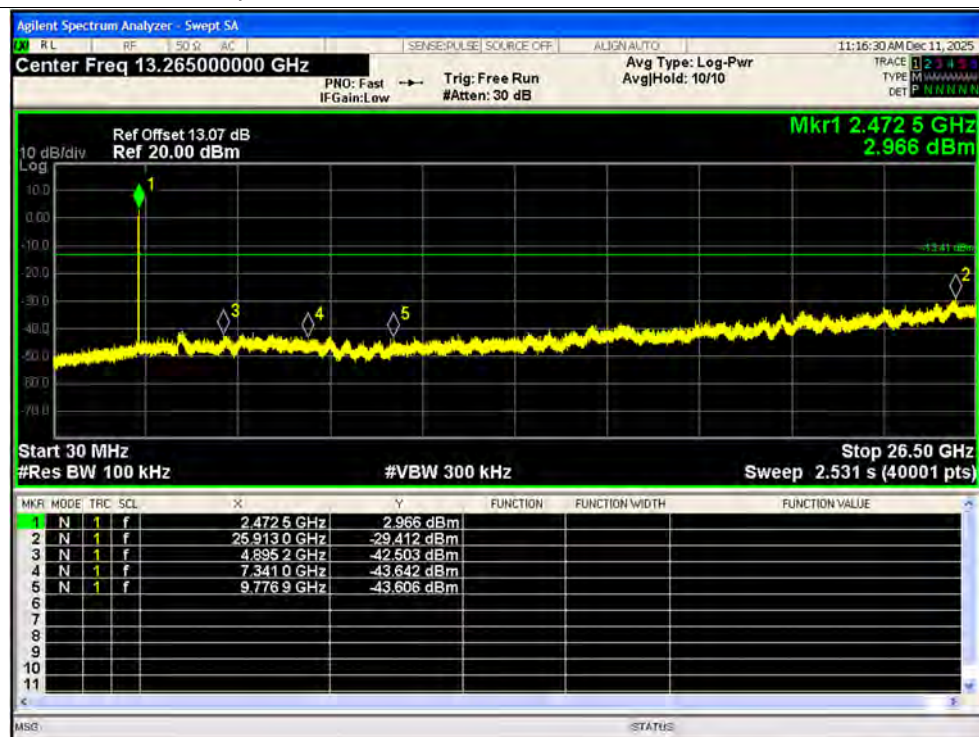
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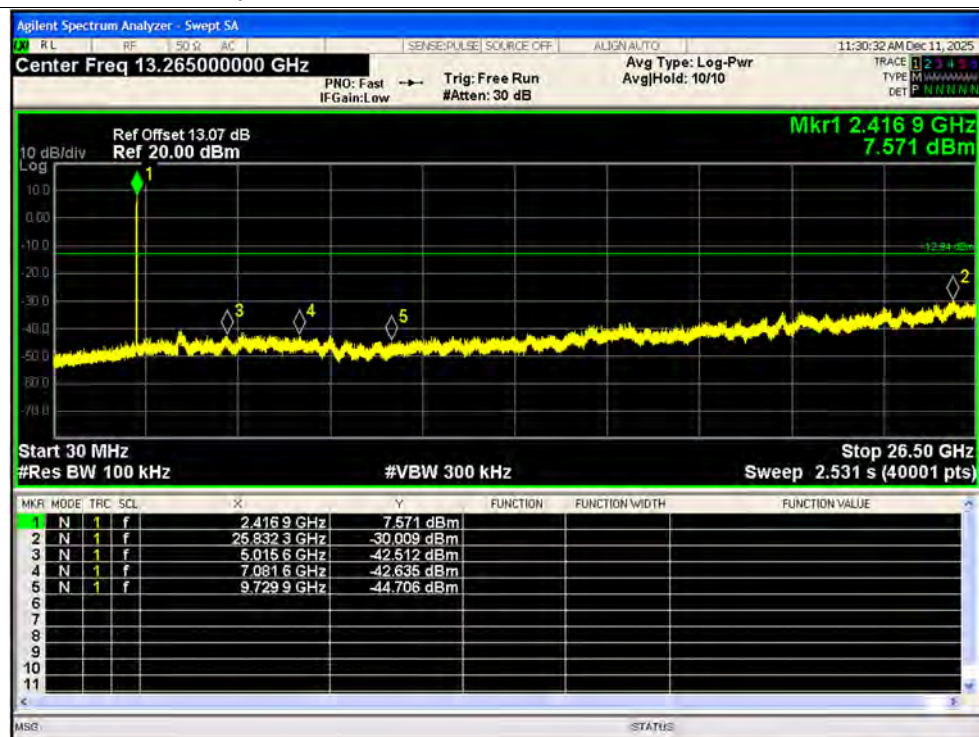
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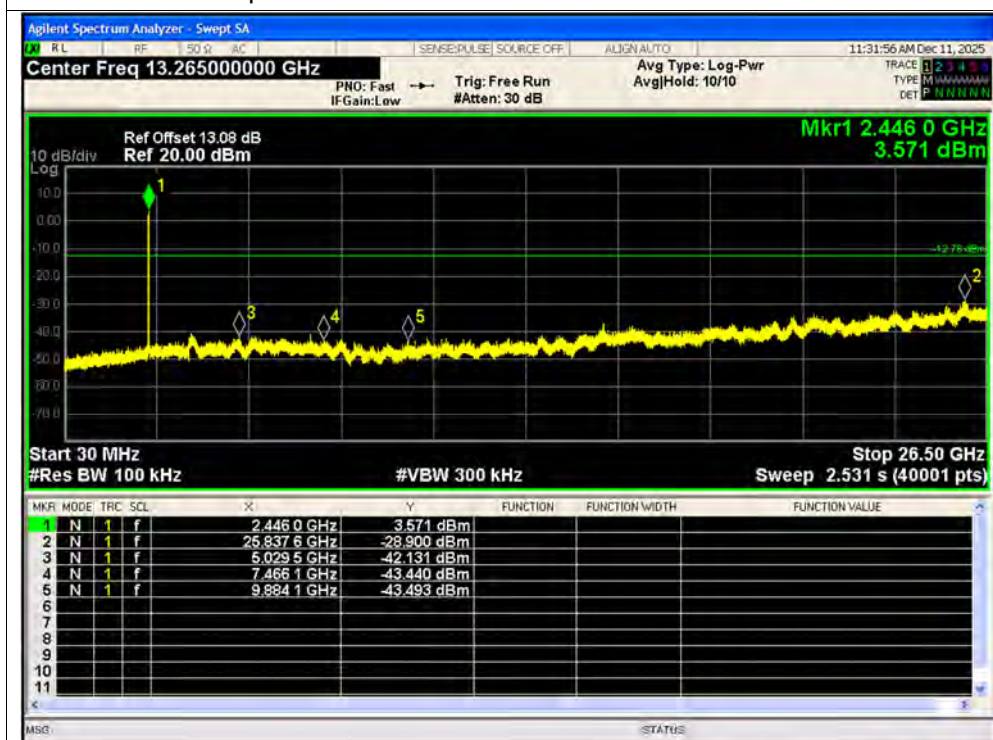
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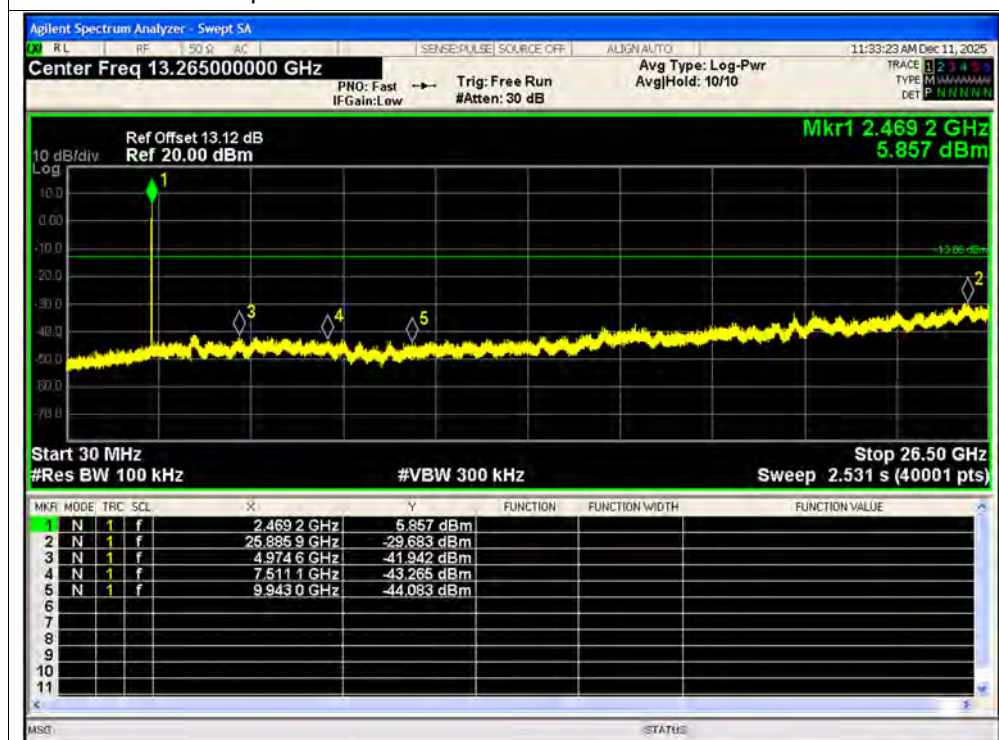
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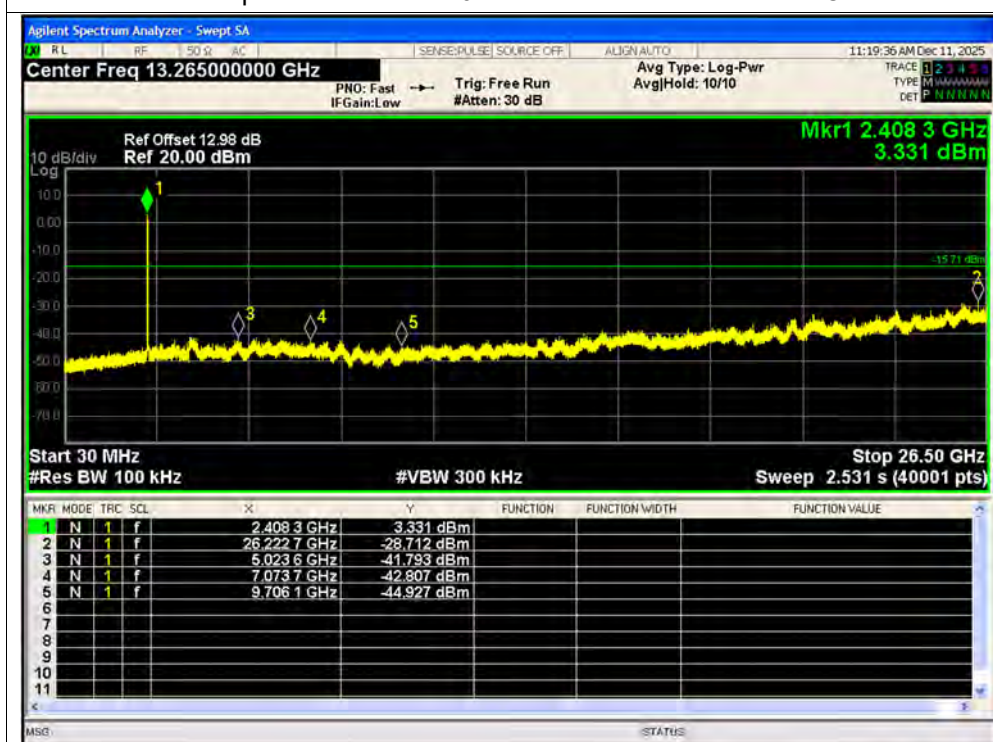
Tx. Spurious NVNT n20 2472MHz Ant2 Emission SISO



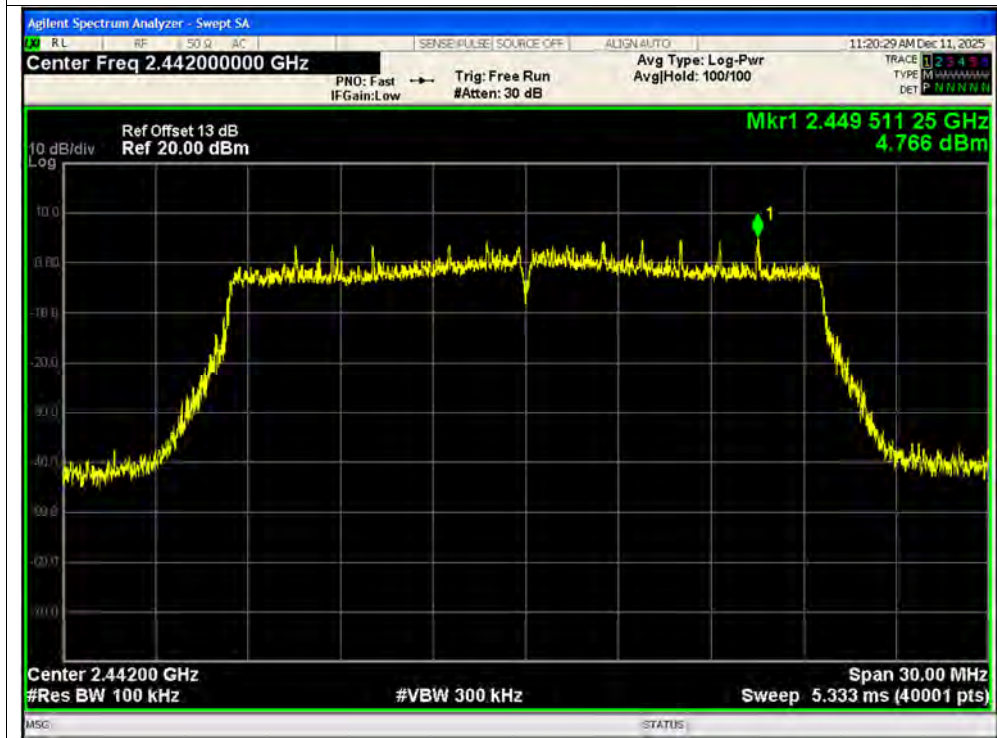
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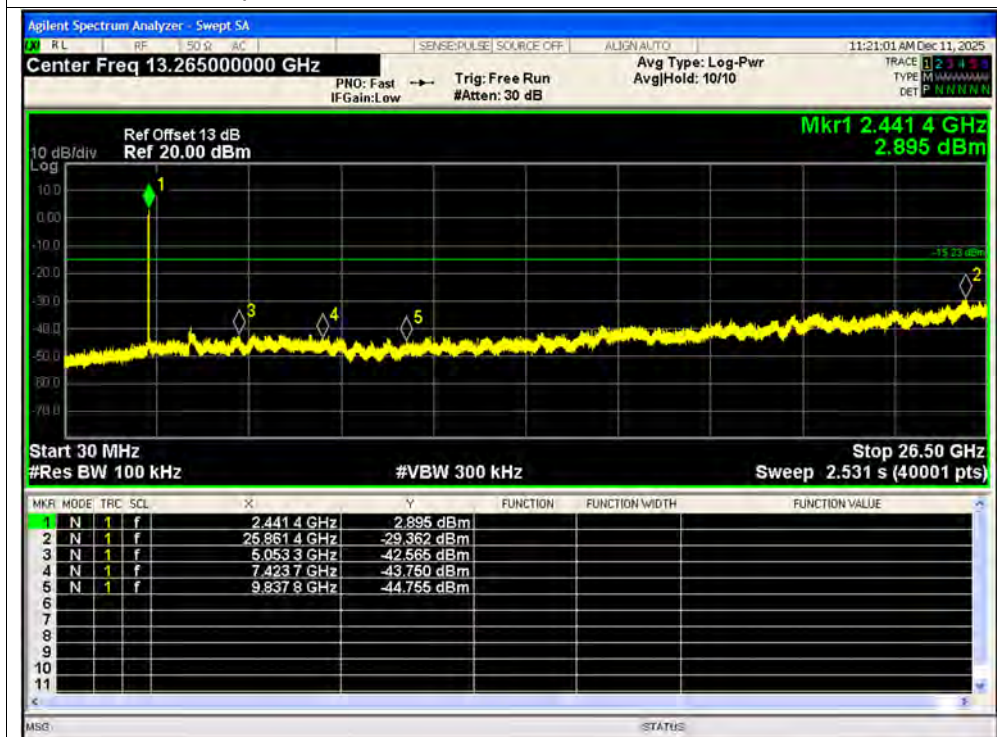
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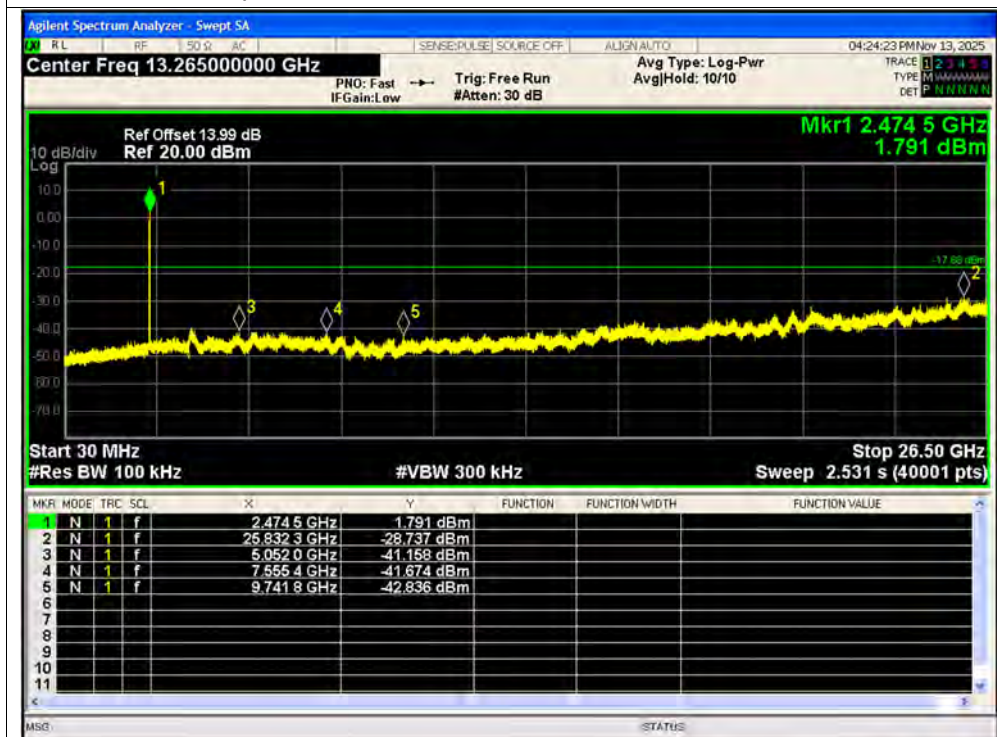
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Tx. Spurious NVNT ax20 2472MHz Ant1 Ref SISO



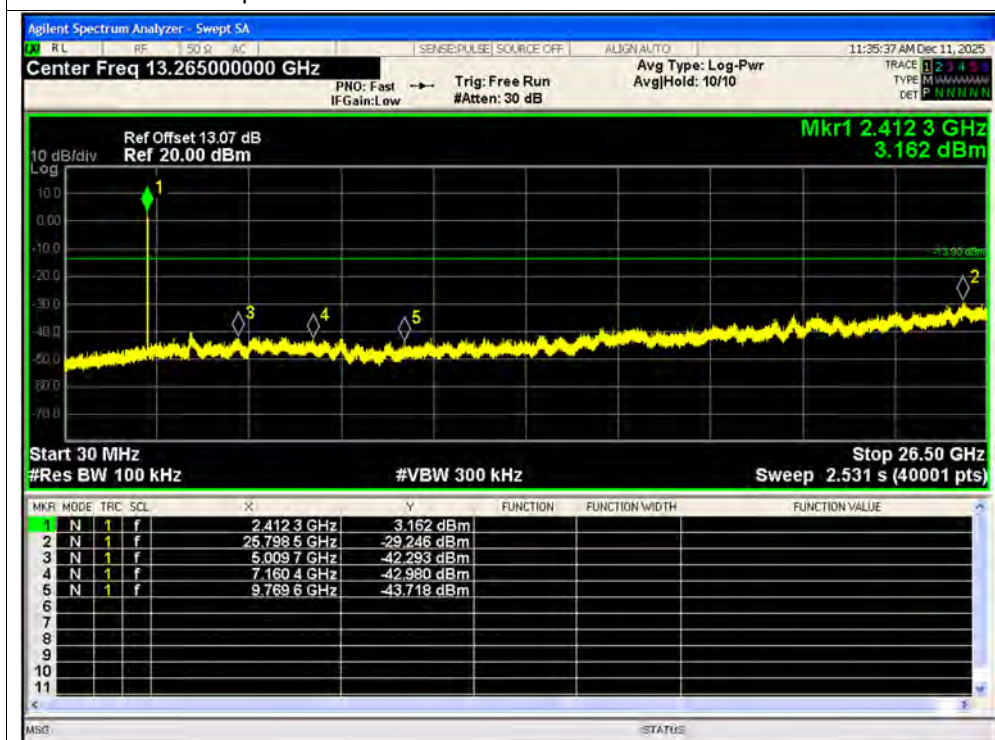
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Tx. Spurious NVNT ax20 2412MHz Ant2 Ref SISO



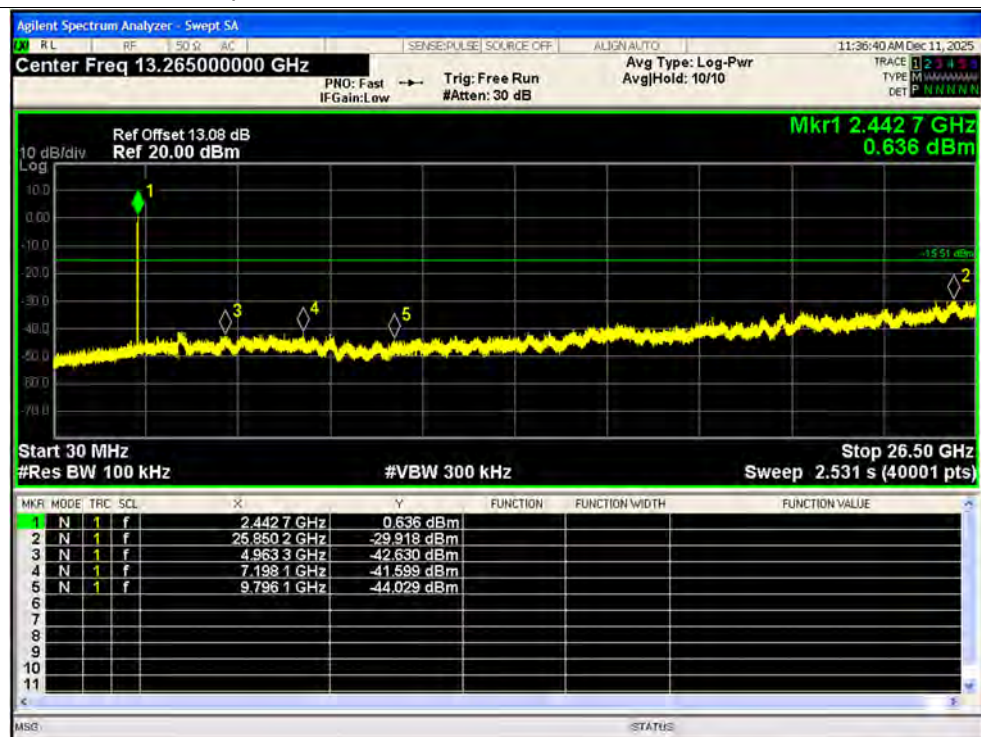
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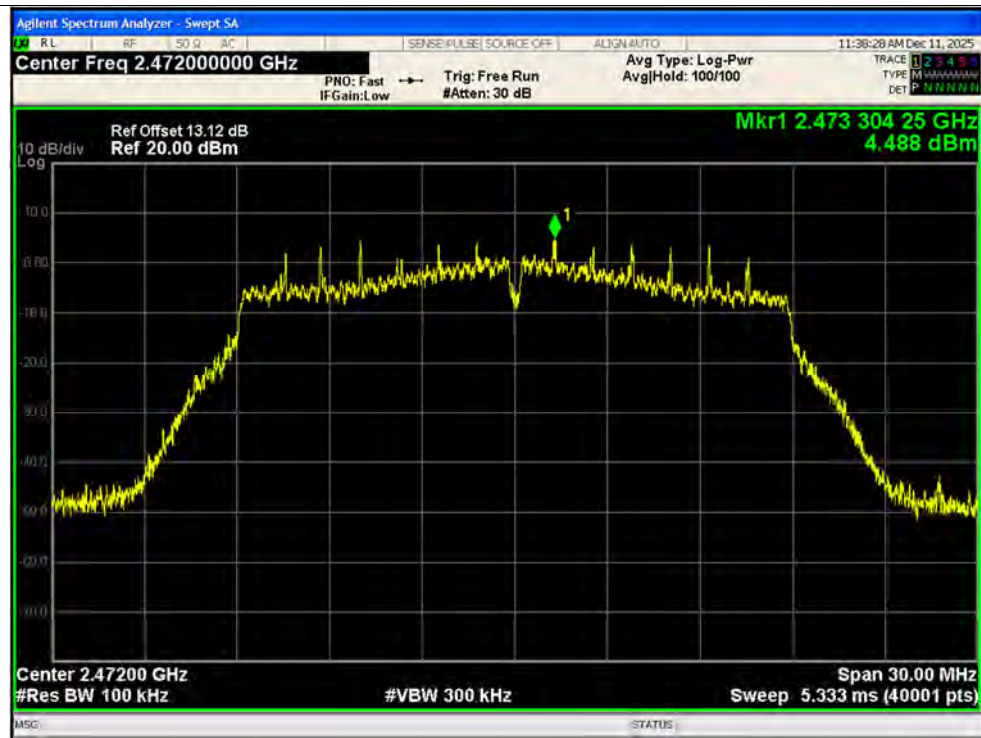
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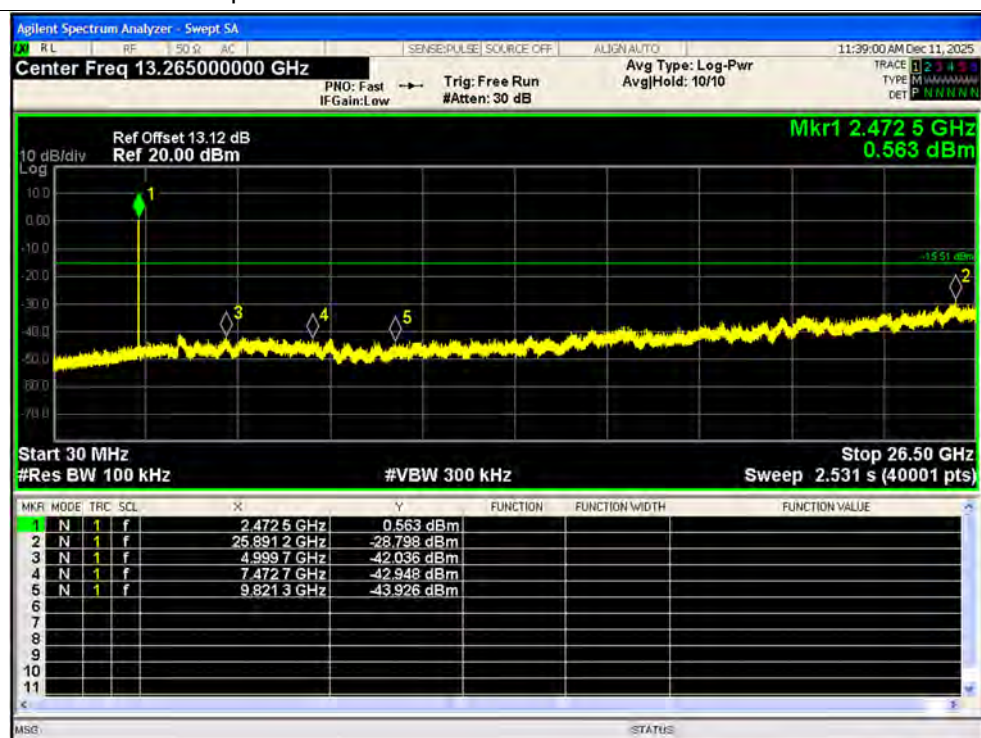
Tx. Spurious NVNT ax20 2442MHz Ant2 Emission SISO



Tx. Spurious NVNT ax20 2472MHz Ant2 Ref SISO



Tx. Spurious NVNT ax20 2472MHz Ant2 Emission SISO



**A.6. Band Edge**

Condition	Mode	Frequency (MHz)	Antenna	Max Value (dBc)	Limit (dBc)	Verdict
NVNT	b SISO	2412	Ant1	-38.08	-20	Pass
NVNT	b SISO	2472	Ant1	-40.92	-20	Pass
NVNT	b SISO	2412	Ant2	-43.22	-20	Pass
NVNT	b SISO	2472	Ant2	-45.11	-20	Pass
NVNT	g SISO	2412	Ant1	-37.16	-20	Pass
NVNT	g SISO	2472	Ant1	-36.85	-20	Pass
NVNT	g SISO	2412	Ant2	-44.89	-20	Pass
NVNT	g SISO	2472	Ant2	-45.01	-20	Pass
NVNT	n20 SISO	2412	Ant1	-42.96	-20	Pass
NVNT	n20 SISO	2472	Ant1	-42.79	-20	Pass
NVNT	n20 SISO	2412	Ant2	-44.59	-20	Pass
NVNT	n20 SISO	2472	Ant2	-41.77	-20	Pass
NVNT	ax20 SISO	2412	Ant1	-42.59	-20	Pass
NVNT	ax20 SISO	2472	Ant1	-39.18	-20	Pass
NVNT	ax20 SISO	2412	Ant2	-47.21	-20	Pass
NVNT	ax20 SISO	2472	Ant2	-43.24	-20	Pass

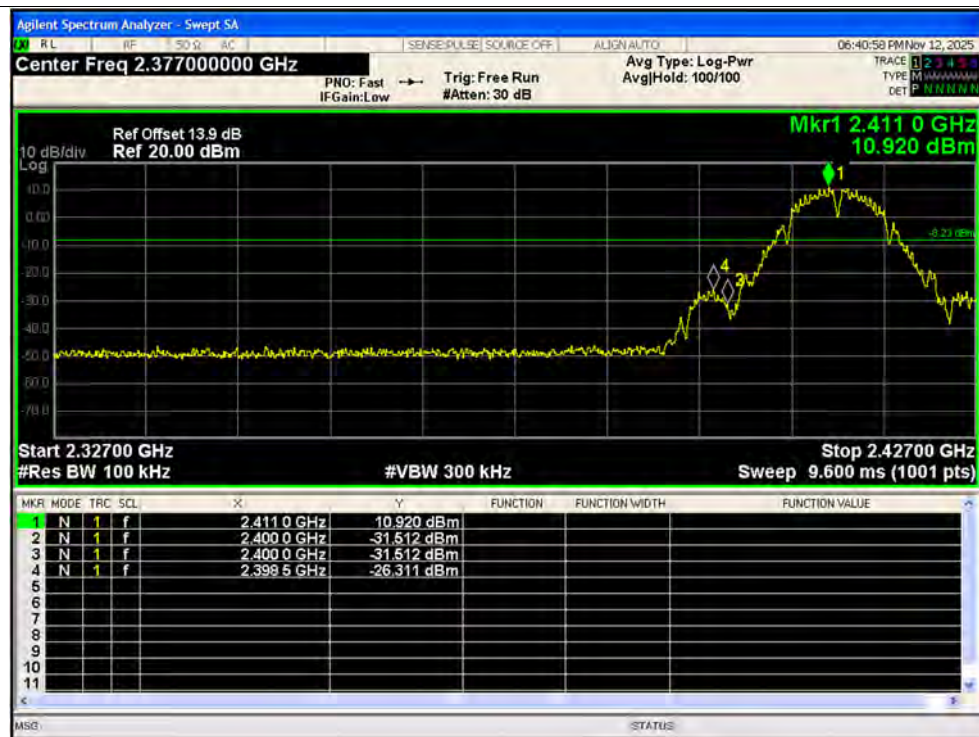


Test Graphs

Band Edge NVNT b 2412MHz Ant1 Ref SISO



Band Edge NVNT b 2412MHz Ant1 Emission SISO



Band Edge NVNT b 2472MHz Ant1 Ref SISO



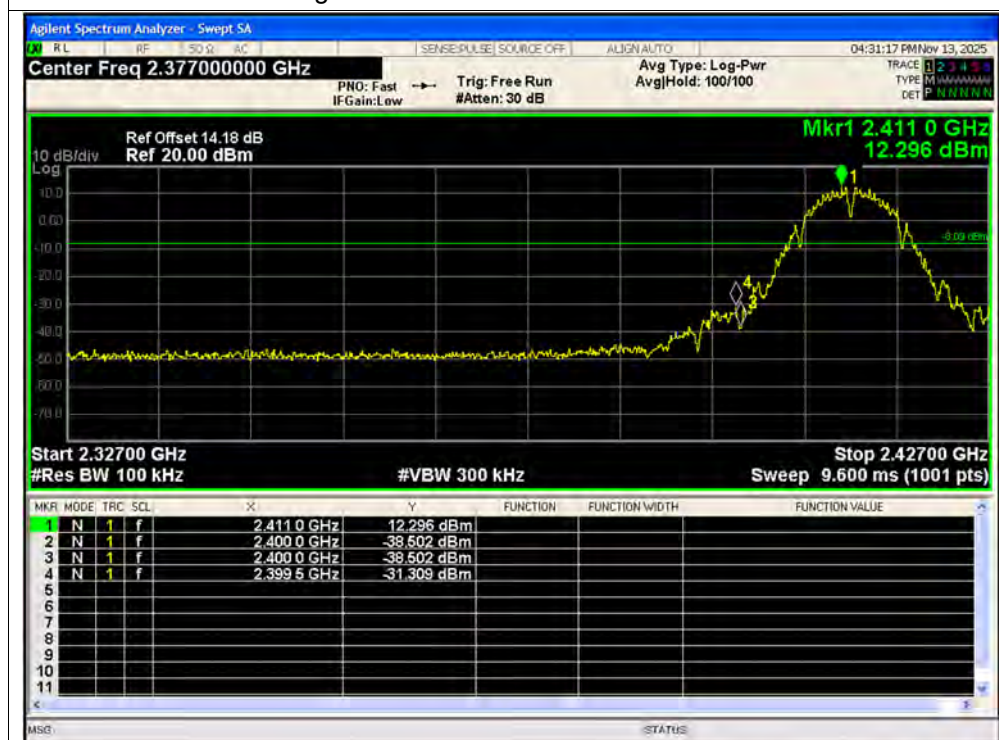
Band Edge NVNT b 2472MHz Ant1 Emission SISO



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

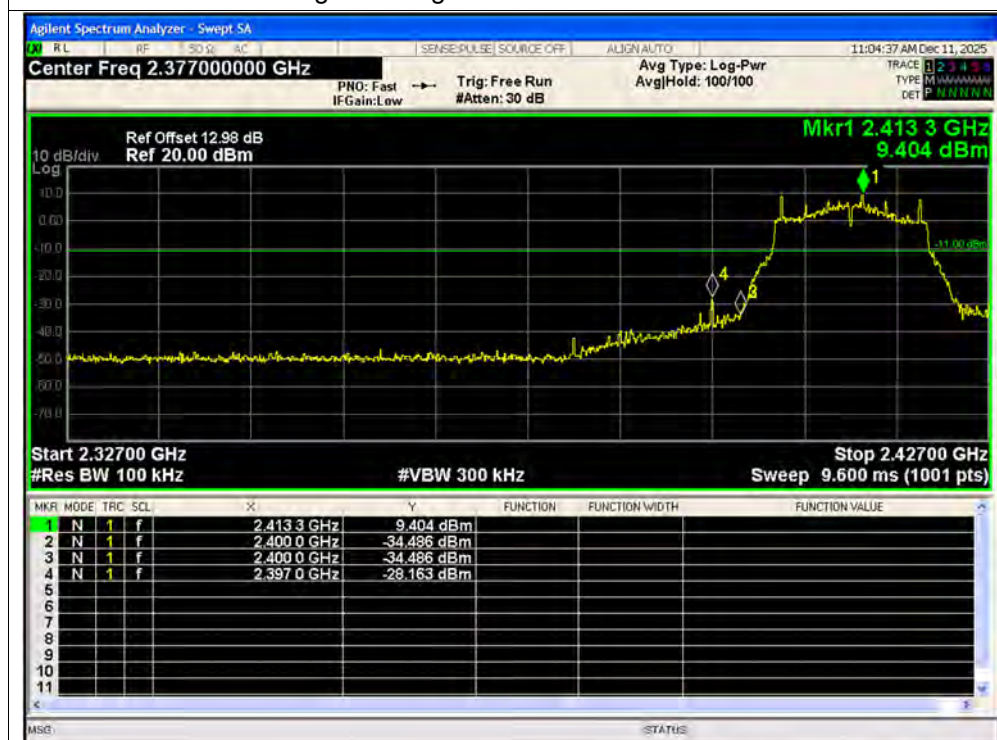




Band Edge NVNT g 2412MHz Ant1 Ref SISO



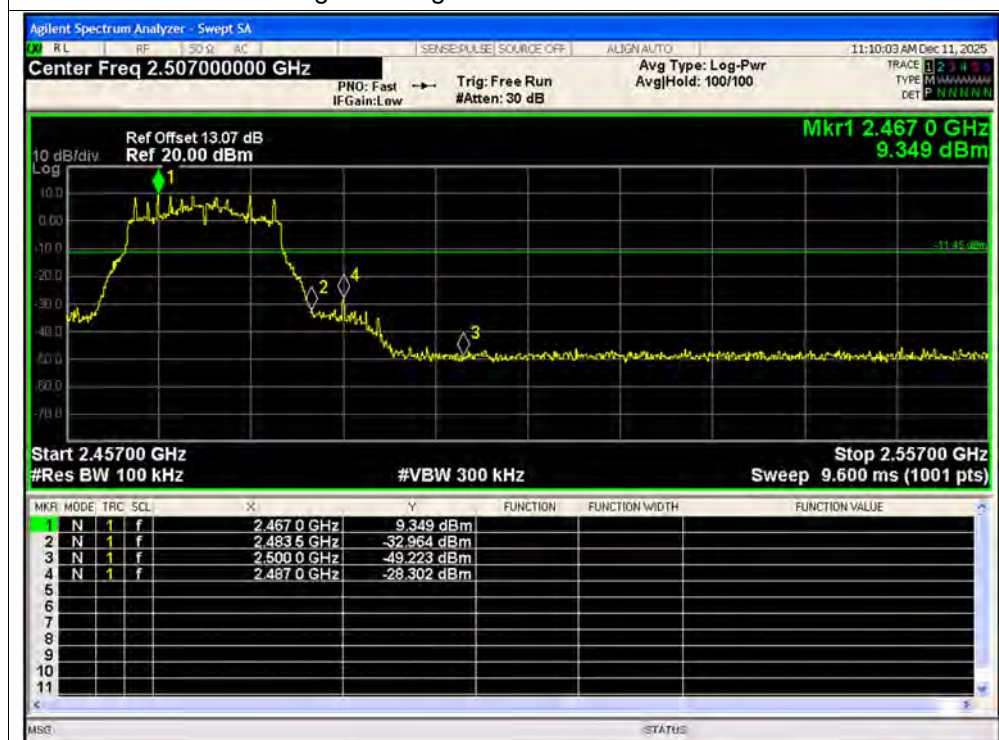
Band Edge NVNT g 2412MHz Ant1 Emission SISO



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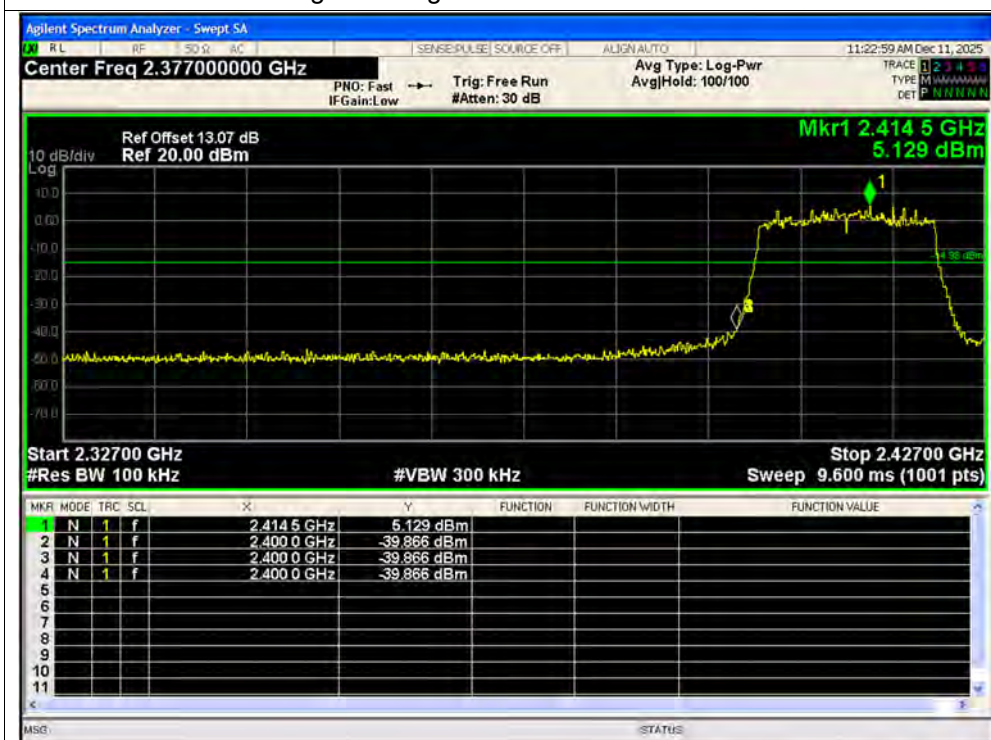
Band Edge NVNT g 2472MHz Ant1 Emission SISO



Band Edge NVNT g 2412MHz Ant2 Ref SISO



Band Edge NVNT g 2412MHz Ant2 Emission SISO



Band Edge NVNT g 2472MHz Ant2 Ref SISO



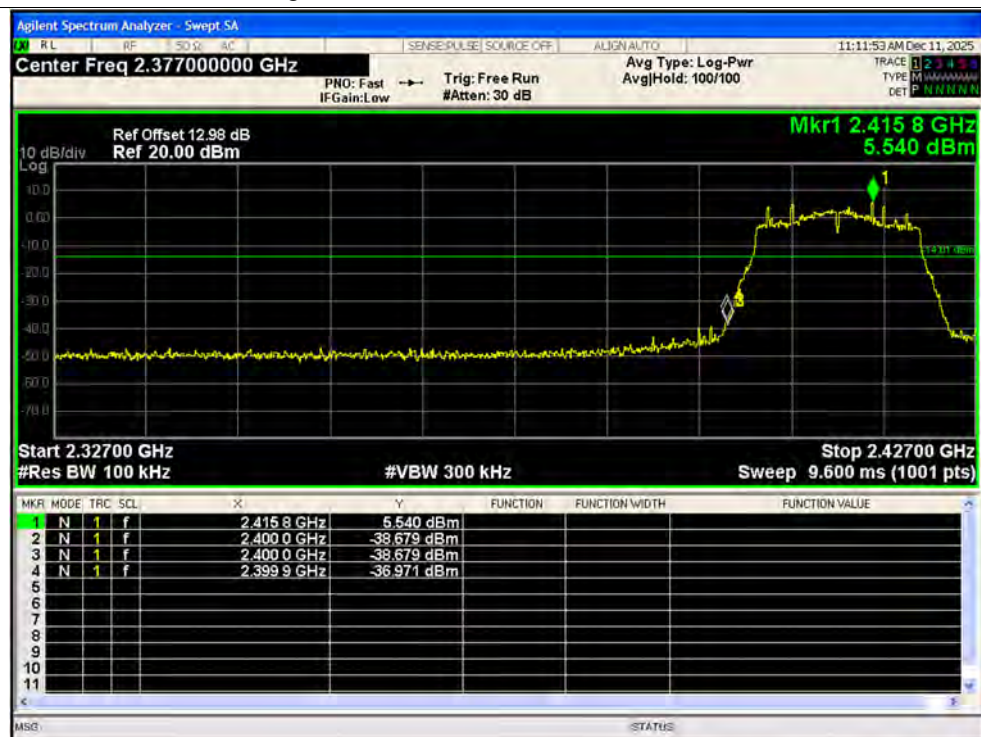
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Band Edge NVNT n20 2412MHz Ant1 Ref SISO



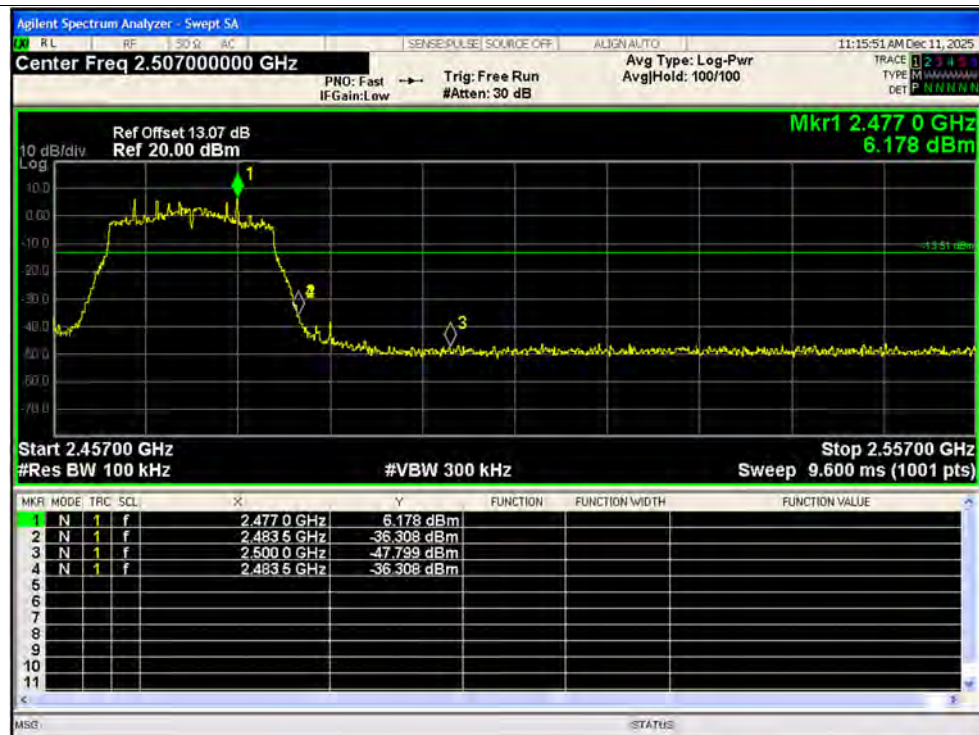
Band Edge NVNT n20 2412MHz Ant1 Emission SISO



Band Edge NVNT n20 2472MHz Ant1 Ref SISO



Band Edge NVNT n20 2472MHz Ant1 Emission SISO

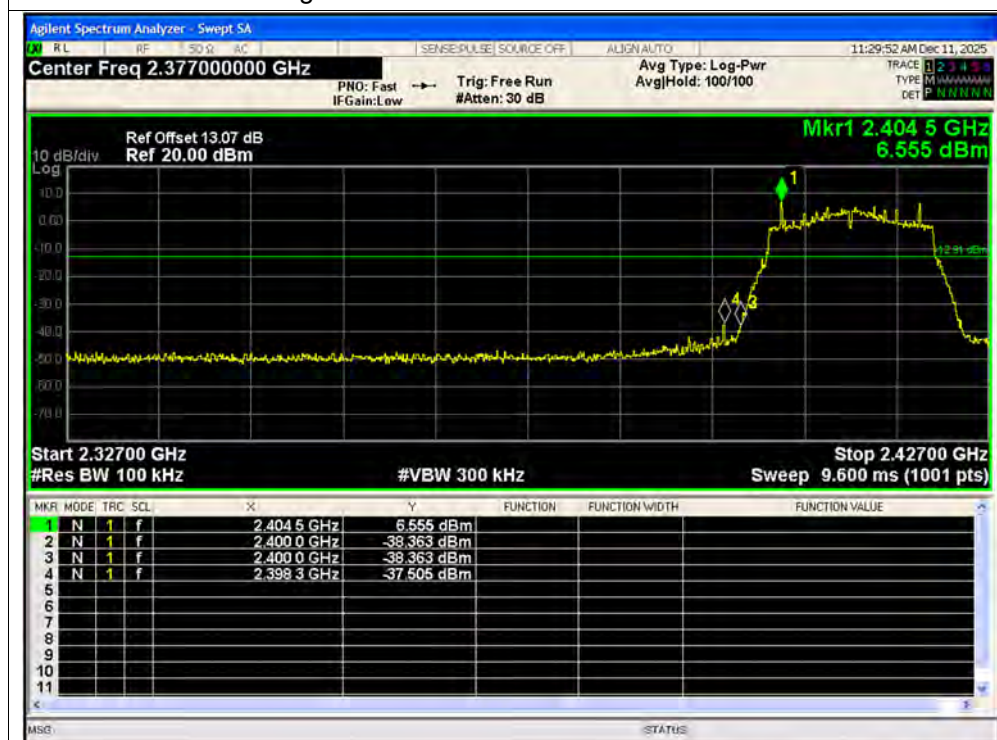




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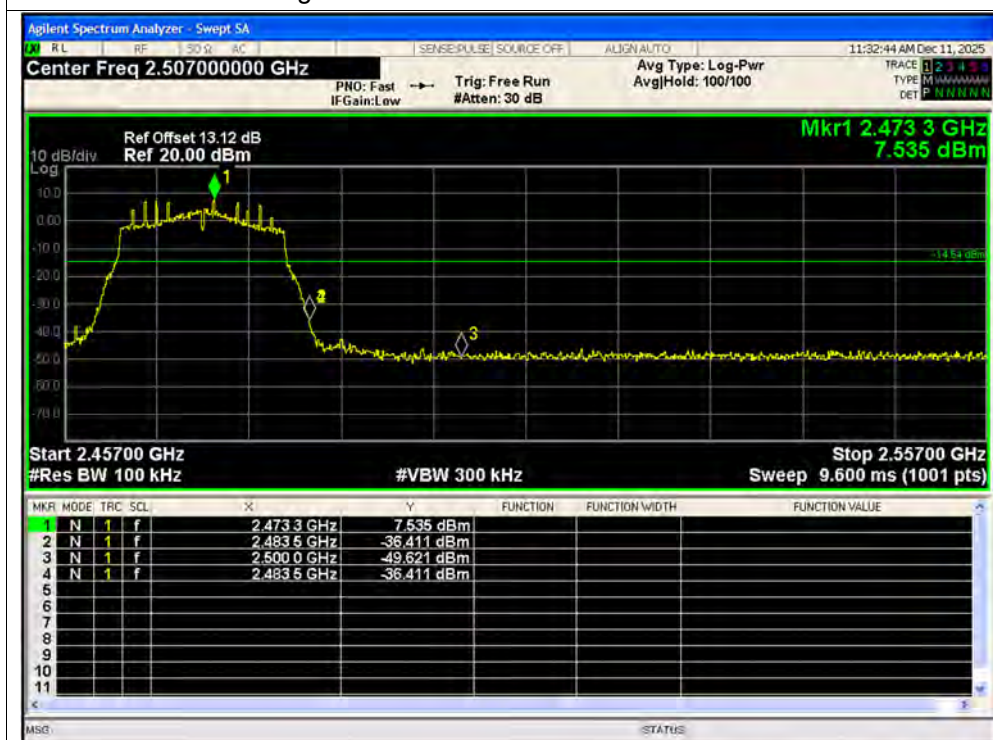
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Band Edge NVNT n20 2472MHz Ant2 Ref SISO



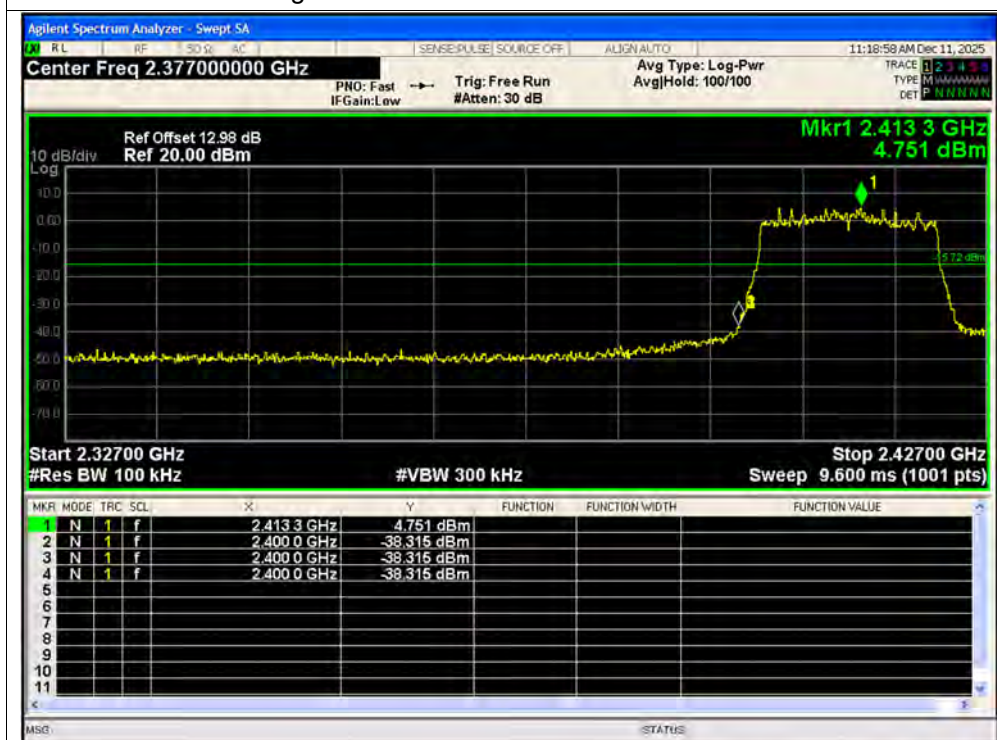
Band Edge NVNT n20 2472MHz Ant2 Emission SISO



Band Edge NVNT ax20 2412MHz Ant1 Ref SISO



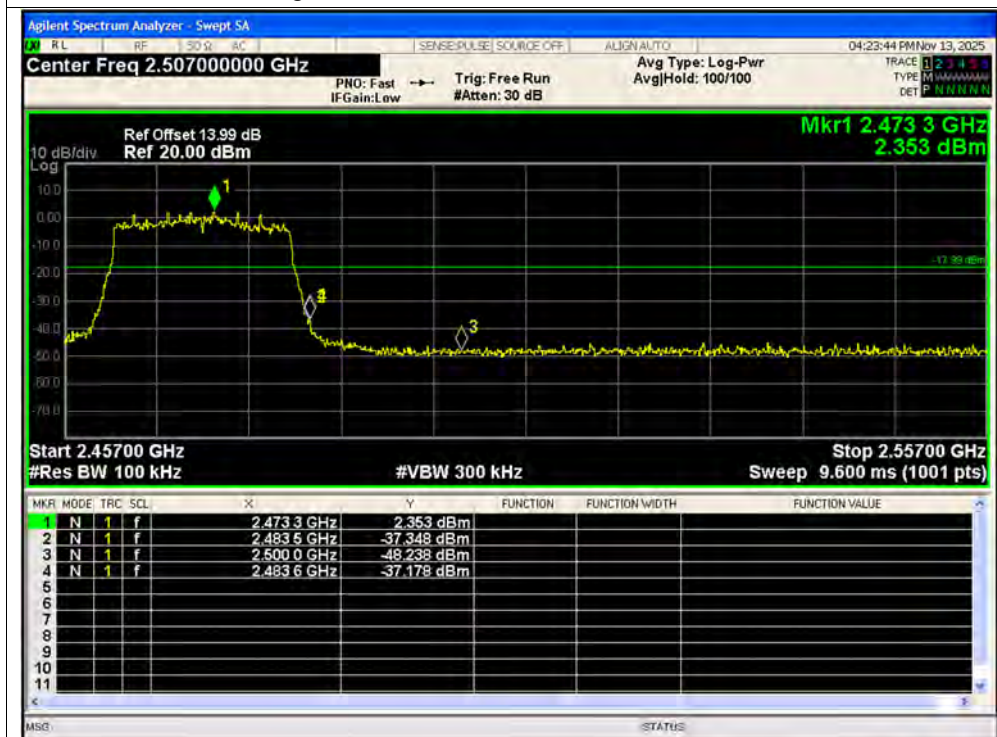
Band Edge NVNT ax20 2412MHz Ant1 Emission SISO



Band Edge NVNT ax20 2472MHz Ant1 Ref SISO



Band Edge NVNT ax20 2472MHz Ant1 Emission SISO

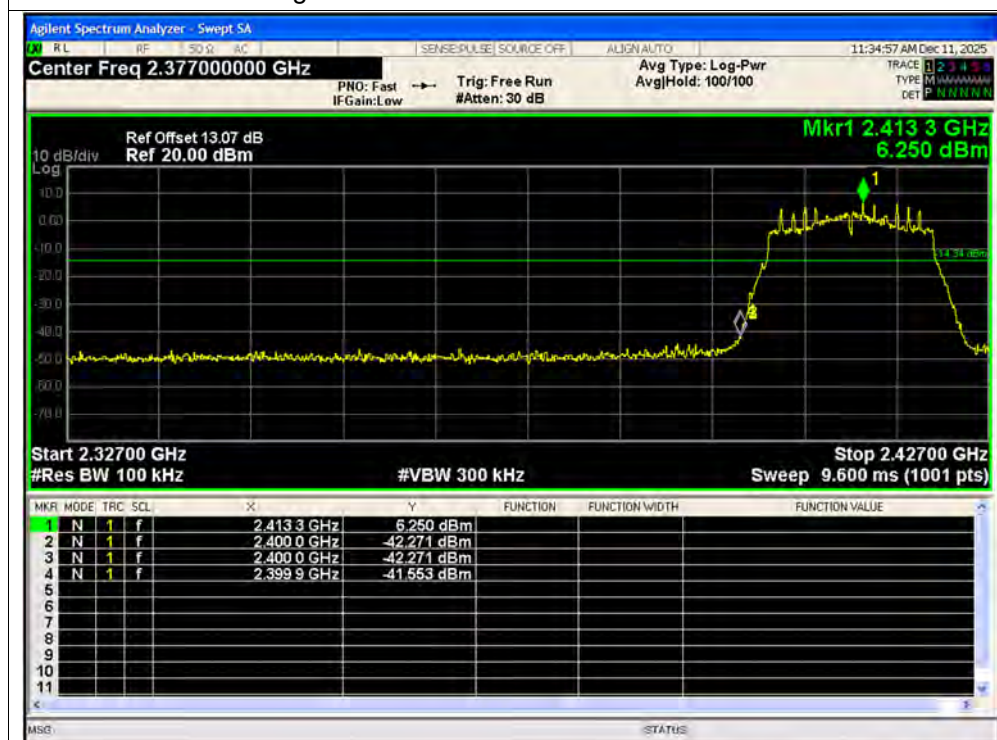




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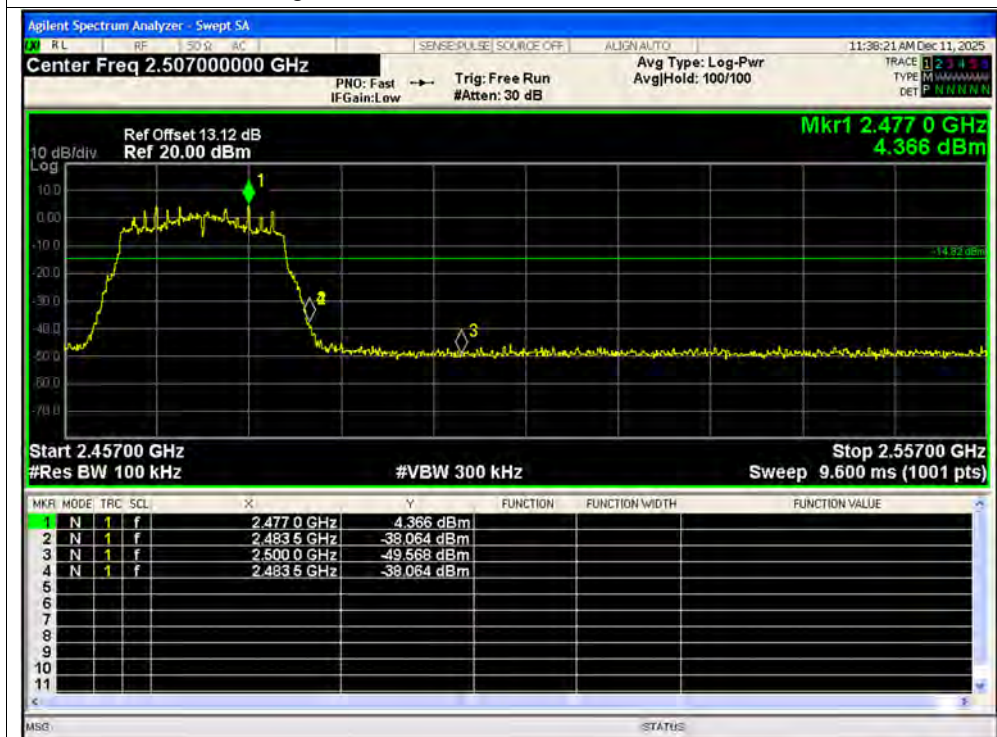
Band Edge NVNT ax20 2412MHz Ant2 Emission SISO



Band Edge NVNT ax20 2472MHz Ant2 Ref SISO



Band Edge NVNT ax20 2472MHz 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	-2.94	0	-2.94	8	Pass
NVNT	b SISO	2442	Ant1	-3.19	0	-3.19	8	Pass
NVNT	b SISO	2472	Ant1	-2.49	0	-2.49	8	Pass
NVNT	b SISO	2412	Ant2	-1.64	0	-1.64	8	Pass
NVNT	b SISO	2442	Ant2	-2.31	0	-2.31	8	Pass
NVNT	b SISO	2472	Ant2	-3.07	0	-3.07	8	Pass
NVNT	g SISO	2412	Ant1	-4.93	0	-4.93	8	Pass
NVNT	g SISO	2442	Ant1	-6	0	-6	8	Pass
NVNT	g SISO	2472	Ant1	-4.34	0	-4.34	8	Pass
NVNT	g SISO	2412	Ant2	-5.61	0	-5.61	8	Pass
NVNT	g SISO	2442	Ant2	-6.67	0	-6.67	8	Pass
NVNT	g SISO	2472	Ant2	-6.48	0	-6.48	8	Pass
NVNT	n20 SISO	2412	Ant1	-7.56	0	-7.56	8	Pass
NVNT	n20 SISO	2442	Ant1	-8.27	0	-8.27	8	Pass
NVNT	n20 SISO	2472	Ant1	-8.64	0	-8.64	8	Pass
NVNT	n20 SISO	2412	Ant2	-7	0	-7	8	Pass
NVNT	n20 SISO	2442	Ant2	-7.27	0	-7.27	8	Pass
NVNT	n20 SISO	2472	Ant2	-7.11	0	-7.11	8	Pass
NVNT	ax20 SISO	2412	Ant1	-10.96	0	-10.96	8	Pass
NVNT	ax20 SISO	2442	Ant1	-9.77	0	-9.77	8	Pass
NVNT	ax20 SISO	2472	Ant1	-12.68	0	-12.68	8	Pass
NVNT	ax20 SISO	2412	Ant2	-8.68	0	-8.68	8	Pass
NVNT	ax20 SISO	2442	Ant2	-10.42	0	-10.42	8	Pass
NVNT	ax20 SISO	2472	Ant2	-10.23	0	-10.23	8	Pass
NVNT	ax20 MIMO	2412	Ant1	-7.35	0	-7.35	8	Pass
NVNT	ax20 MIMO	2412	Ant2	-6.7	0	-6.7	8	Pass
NVNT	ax20 MIMO	2412	Sum	-4	0	-4	8	Pass
NVNT	ax20 MIMO	2442	Ant1	-13.06	0	-13.06	8	Pass
NVNT	ax20 MIMO	2442	Ant2	-11.64	0	-11.64	8	Pass
NVNT	ax20 MIMO	2442	Sum	-9.28	0	-9.28	8	Pass
NVNT	ax20 MIMO	2472	Ant1	-10.74	0	-10.74	8	Pass
NVNT	ax20 MIMO	2472	Ant2	-11.4	0	-11.4	8	Pass
NVNT	ax20 MIMO	2472	Sum	-8.05	0	-8.05	8	Pass

Test Graphs

PSD NVNT b 2412MHz Ant1 SISO



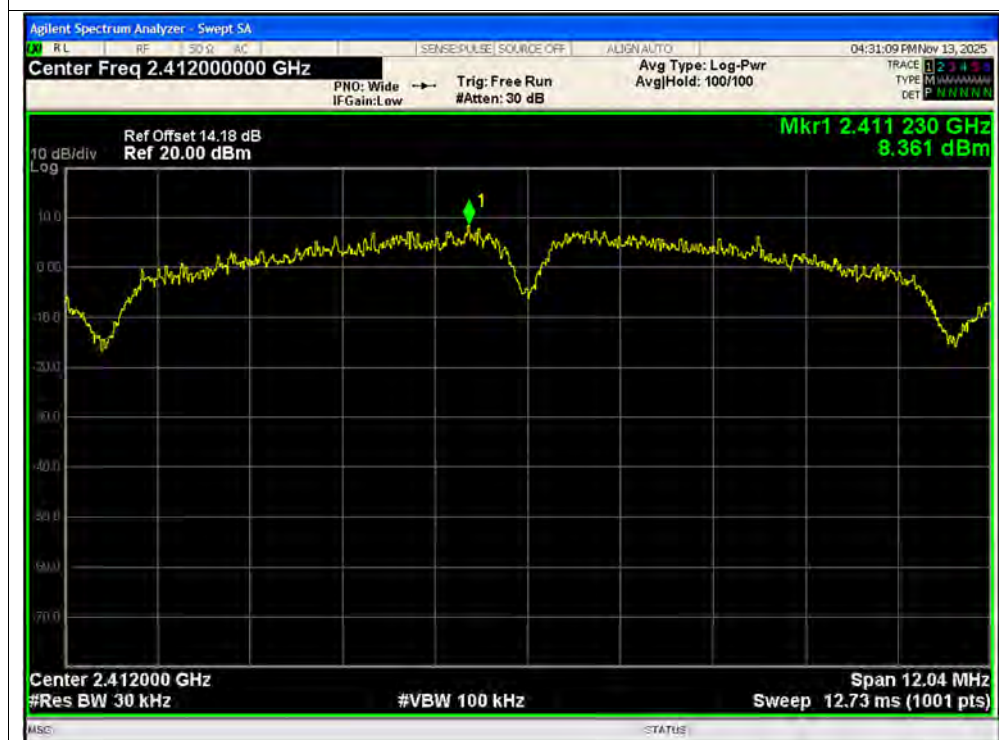
PSD NVNT b 2442MHz Ant1 SISO



PSD NVNT b 2472MHz Ant1 SISO



PSD NVNT b 2412MHz Ant2 SISO



PSD NVNT b 2442MHz Ant2 SISO



PSD NVNT b 2472MHz Ant2 SISO

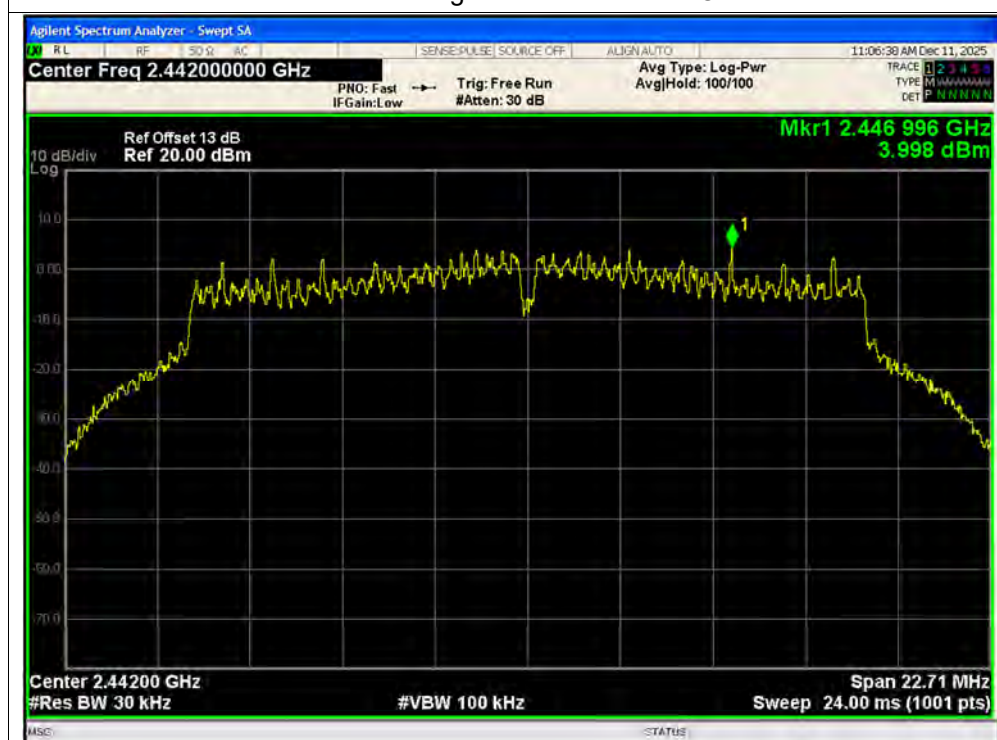




PSD NVNT g 2412MHz Ant1 SISO



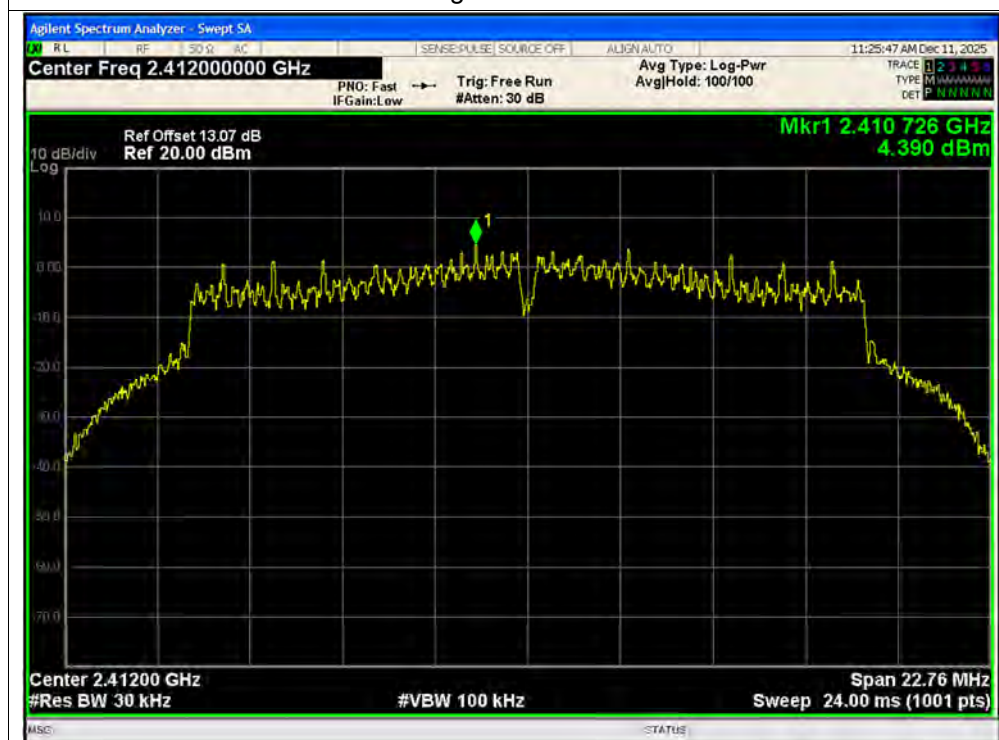
PSD NVNT g 2442MHz Ant1 SISO



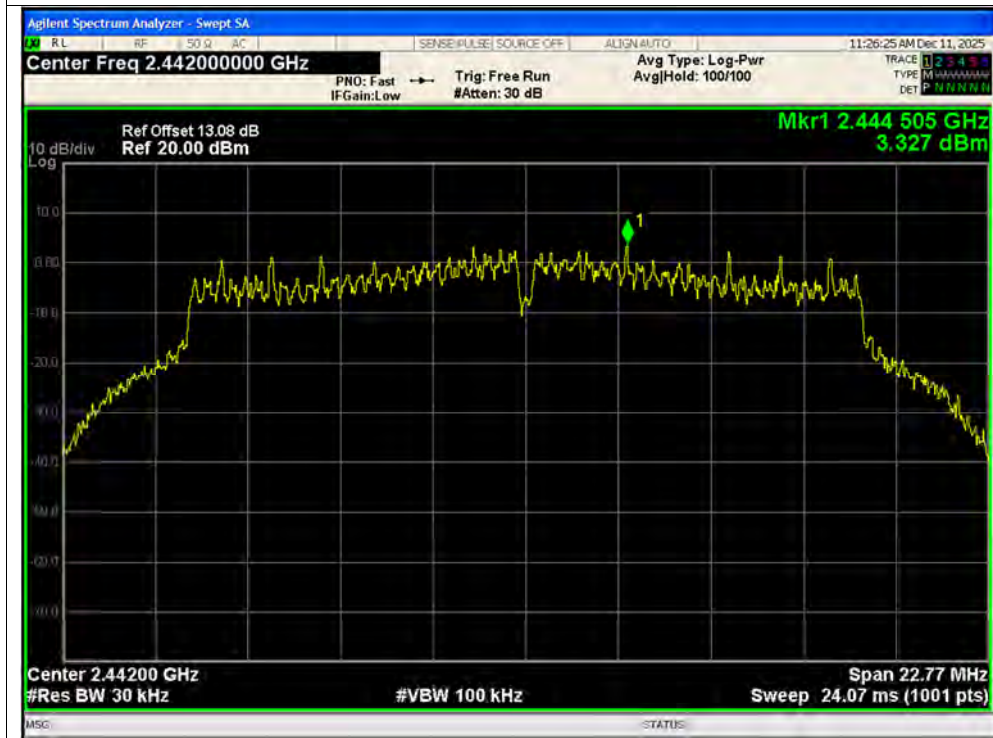
PSD NVNT g 2472MHz Ant1 SISO



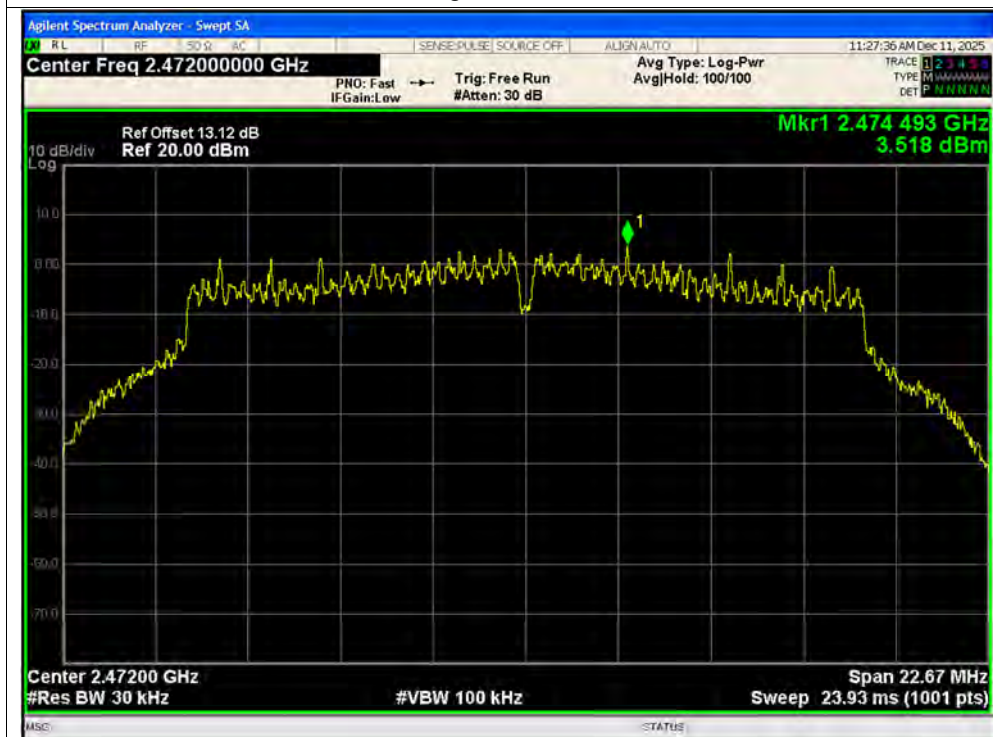
PSD NVNT g 2412MHz Ant2 SISO



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

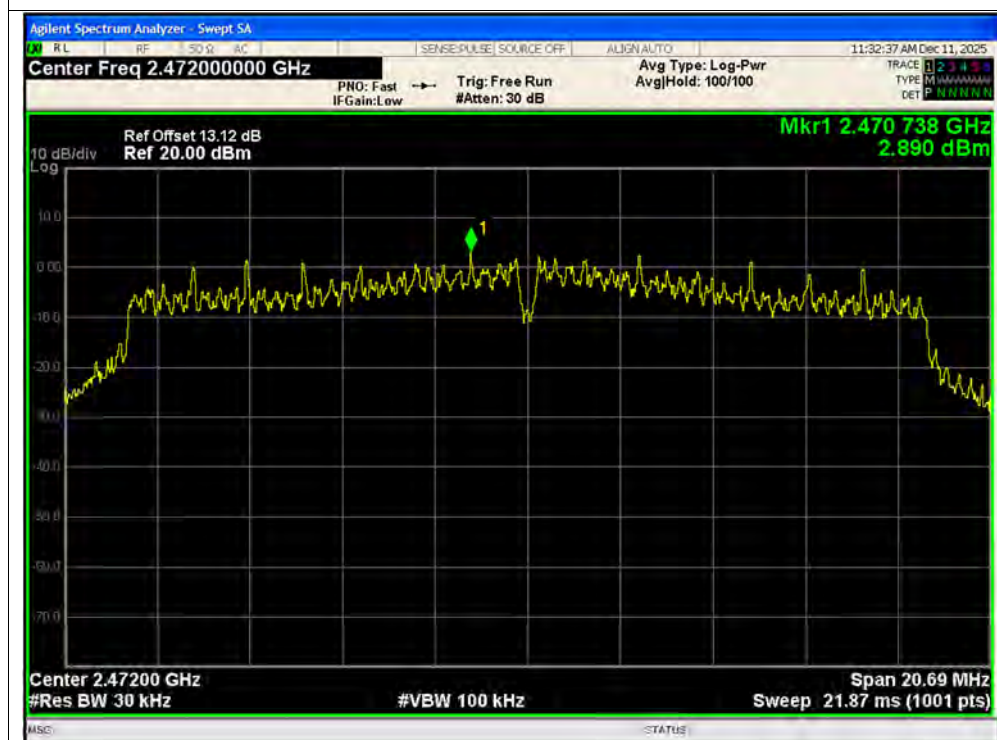




PSD NVNT n20 2442MHz Ant2 SISO



PSD NVNT n20 2472MHz Ant2 SISO





PSD NVNT ax20 2412MHz Ant1 SISO



PSD NVNT ax20 2442MHz Ant1 SISO



PSD NVNT ax20 2472MHz Ant1 SISO



PSD NVNT ax20 2412MHz Ant2 SISO



PSD NVNT ax20 2442MHz Ant2 SISO



PSD NVNT ax20 2472MHz Ant2 SISO





PSD NVNT ax20 2412MHz Ant1 MIMO



PSD NVNT ax20 2412MHz Ant2 MIMO



PSD NVNT ax20 2442MHz Ant1 MIMO



PSD NVNT ax20 2442MHz Ant2 MIMO



PSD NVNT ax20 2472MHz Ant1 MIMO



PSD NVNT ax20 2472MHz 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+Notebook+Notebook adapter+USB cable+WIFI TX

Test voltage: AC 120V/60Hz

The measurement results are obtained as below:

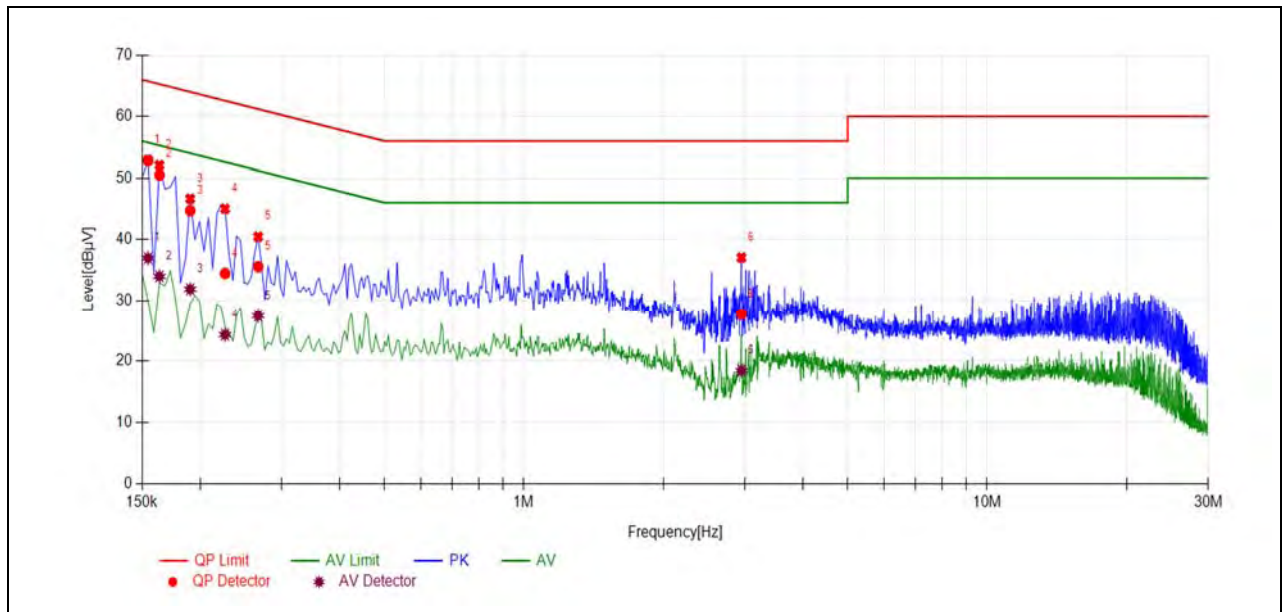
$$E \text{ [dB}\mu\text{V]} = U_R + L_{\text{Cable loss [dB]} + A_{\text{Factor}}$$

U_R : Receiver Reading

A_{Factor} : Voltage division factor of LISN

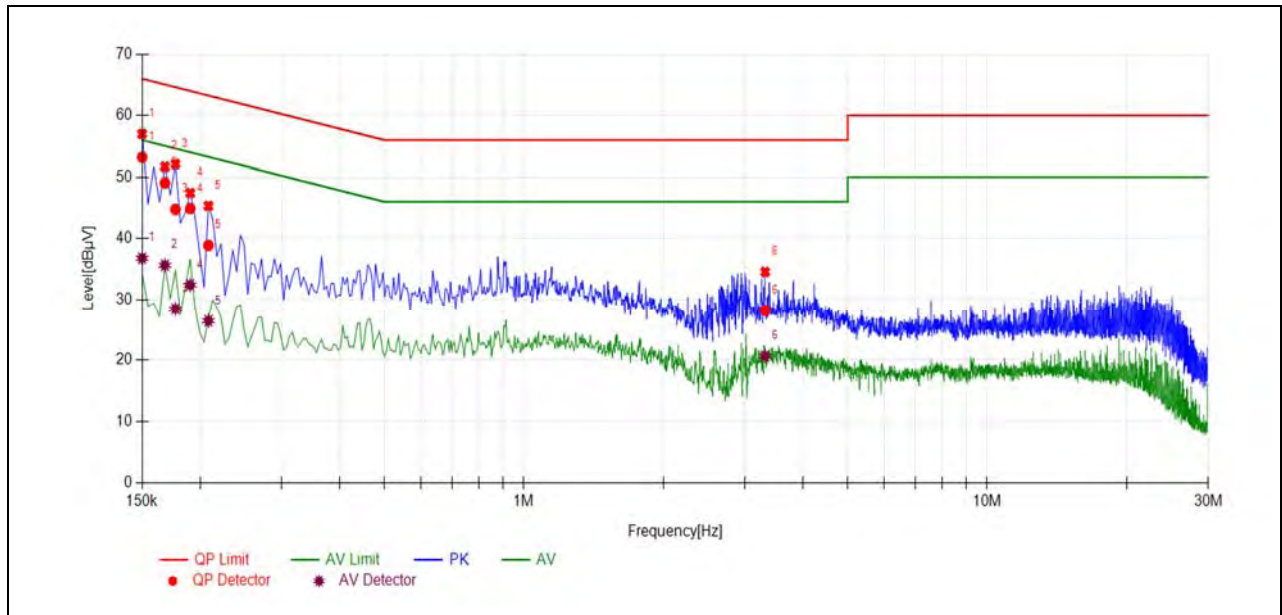


B. Test Plot:



(L Phase)

No.	Fre. (MHz)	Emission Level (dBμV)		Limit (dBμV)		Power-line	Verdict
		Quai-peak	Average	Quai-peak	Average		
1	0.1545	52.80	36.96	65.75	55.75	Line	PASS
2	0.1635	50.52	33.97	65.28	55.28		PASS
3	0.1905	44.73	31.86	64.02	54.02		PASS
4	0.2265	34.44	24.30	62.58	52.58		PASS
5	0.2670	35.55	27.44	61.21	51.21		PASS
6	2.9487	27.74	18.43	56.00	46.00		PASS



(N Phase)

No.	Fre. (MHz)	Emission Level (dBμV)		Limit (dBμV)		Power-line	Verdict
		Quai-peak	Average	Quai-peak	Average		
1	0.1500	53.19	36.78	66.00	56.00	Neutral	PASS
2	0.1680	49.07	35.63	65.06	55.06		PASS
3	0.1770	44.77	28.43	64.63	54.63		PASS
4	0.1905	44.90	32.40	64.02	54.02		PASS
5	0.2085	38.88	26.43	63.26	53.26		PASS
6	3.3179	28.16	20.64	56.00	46.00		PASS

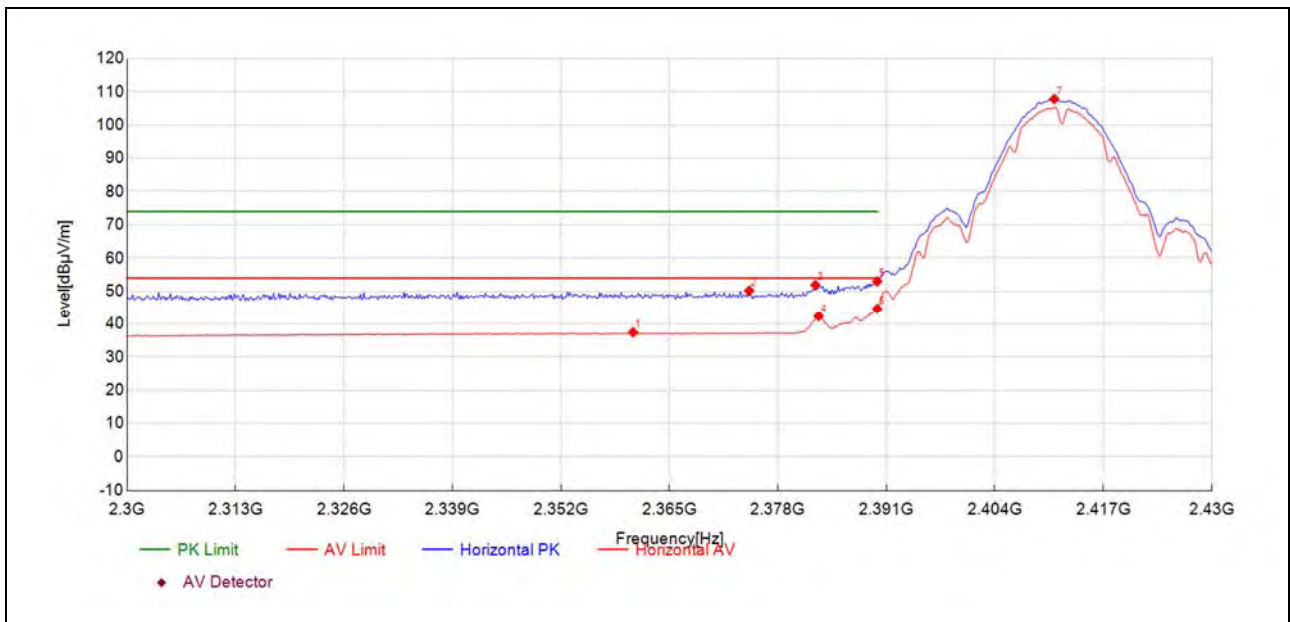
A.9. Restricted Frequency Bands

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

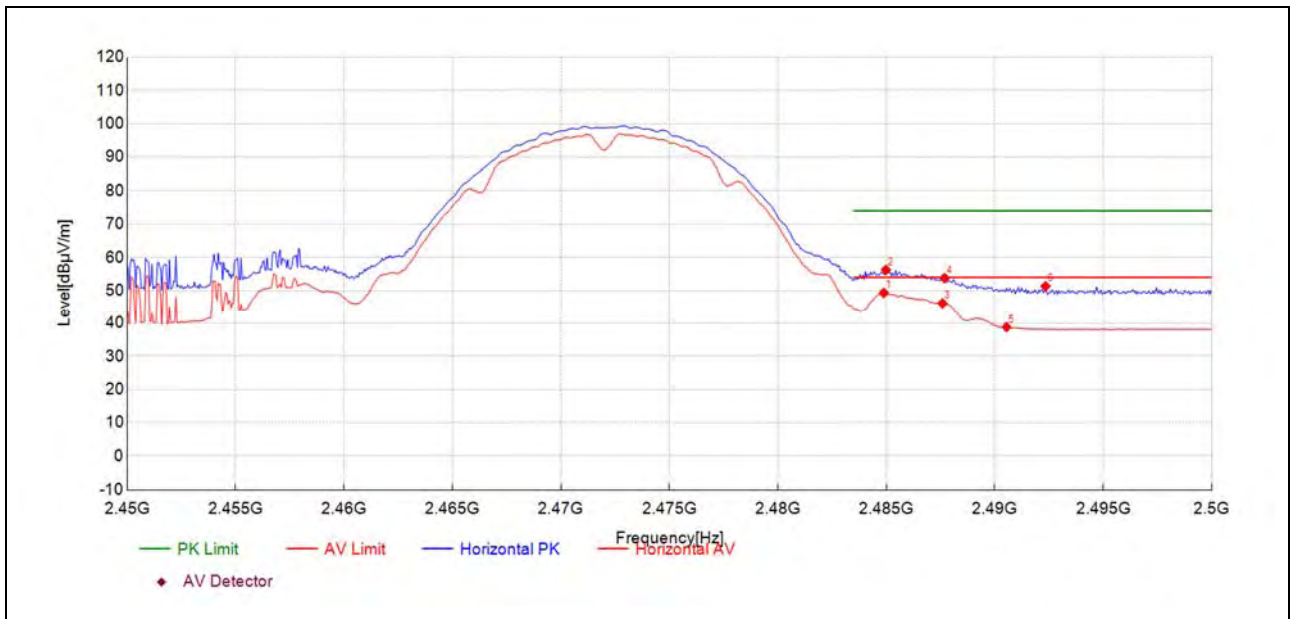
Plot for Channel 1



Fre. (MHz)	Reading [dBμV]	Level [dBμV/m]	Factor [dB/m]	Limit [dBμV/m]	Margin [dB]	Height [cm]	Angle [°]	Detector	Verdict
2360.64	5.0	37.41	32.440	54.00	16.59	150	0	AV	PASS
2374.56	17.7	50.18	32.490	74.00	23.82	150	214	PK	PASS
2382.50	19.4	51.90	32.520	74.00	22.10	150	282	PK	PASS
2382.89	9.8	42.34	32.520	54.00	11.66	150	184	AV	PASS
2389.92	20.5	53.00	32.540	74.00	21.00	150	282	PK	PASS
2389.92	12.1	44.64	32.540	54.00	9.36	150	282	AV	PASS
2411.13	75.2	107.85	32.690	-	-	150	282	PK	NA



Plot for Channel 13



Fre. (MHz)	Reading [dBμV]	Level [dBμV/m]	Factor [dB/m]	Limit [dBμV/m]	Margin [dB]	Height [cm]	Angle [°]	Detector	Verdict
2484.88	16.3	49.31	33.030	54.00	4.69	150	280	AV	PASS
2484.98	23.2	56.25	33.030	74.00	17.75	150	280	PK	PASS
2487.59	13.1	46.14	33.020	54.00	7.86	150	280	AV	PASS
2487.69	20.8	53.77	33.020	74.00	20.23	150	272	PK	PASS
2490.54	5.7	38.76	33.020	54.00	15.24	150	272	AV	PASS
2492.34	18.3	51.34	33.020	74.00	22.66	150	349	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:

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

A_T : Total correction Factor except Antenna

U_R : Receiver Reading

G_{preamp} : Preamplifier Gain

A_{Factor} : Antenna Factor at 3m

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

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

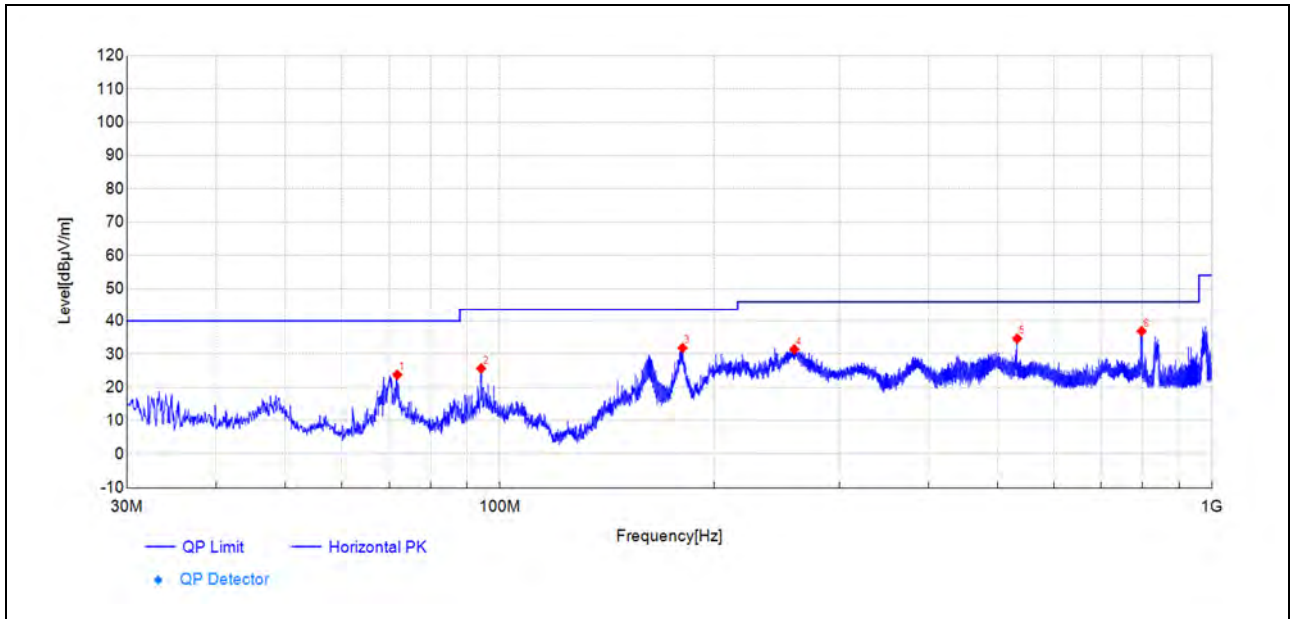
Note2: For the frequency, which started from 9kHz to 30MHz, was pre-scanned and the result which was 20dB lower than the limit was not recorded.

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

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

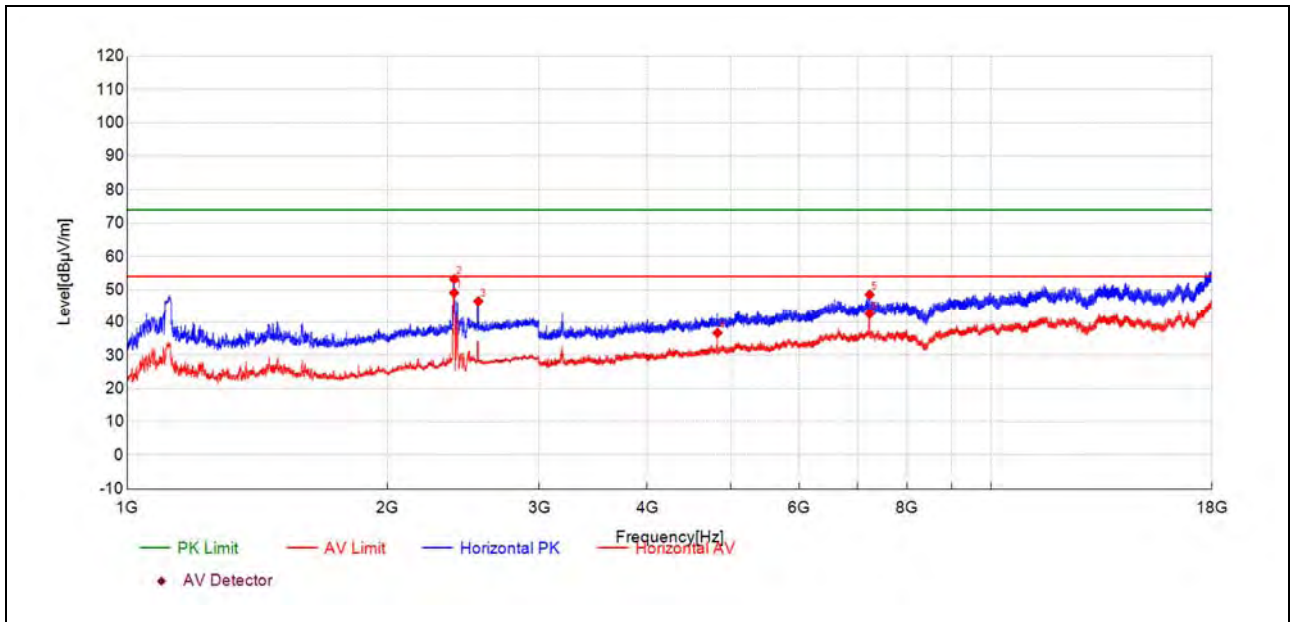
**802.11b Mode**

Plot for Channel 1



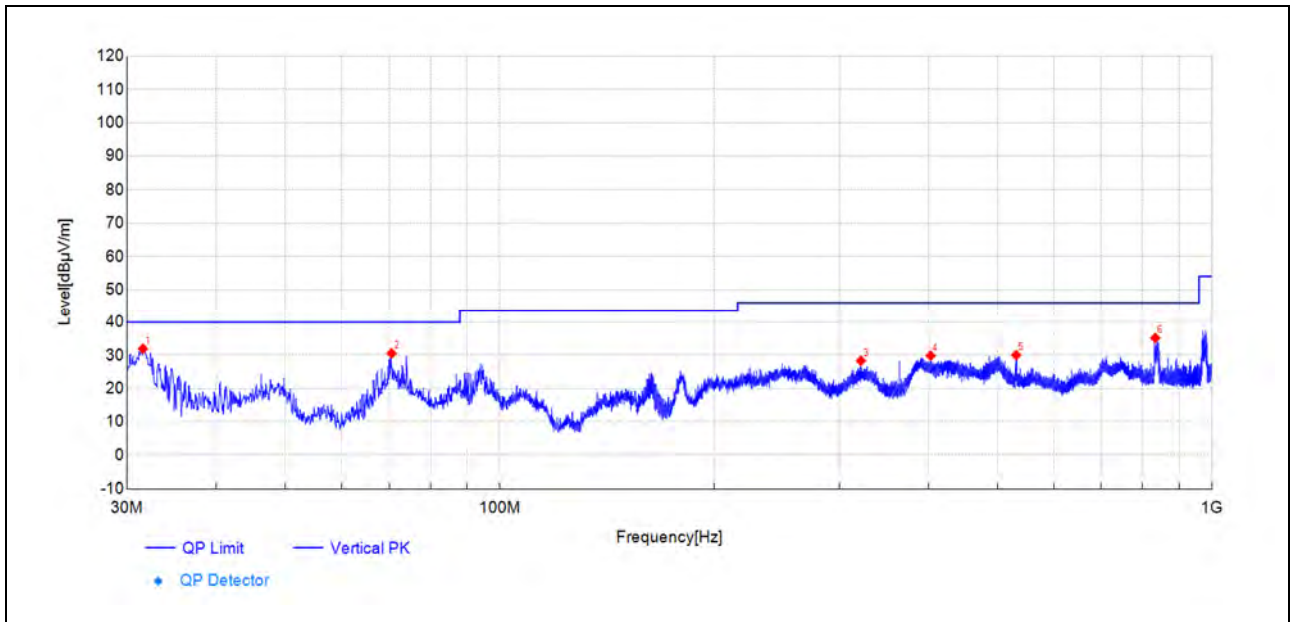
(Antenna Horizontal, 30MHz to 1GHz)

Fre. (MHz)	Reading [dBμV]	Level [dBμV/m]	Factor [dB/m]	Limit [dBμV/m]	Margin [dB]	Height [cm]	Angle [°]	Detector	Verdict
71.86	58.7	23.83	-34.830	40.00	16.17	100	13	PK	PASS
94.26	56.5	25.74	-30.800	43.50	17.76	100	122	PK	PASS
180.74	63.4	31.87	-31.480	43.50	11.63	100	159	PK	PASS
259.52	59.4	31.46	-27.970	46.00	14.54	100	13	PK	PASS
533.20	56.1	34.69	-21.380	46.00	11.31	100	236	PK	PASS
797.17	53.5	36.90	-16.590	46.00	9.10	100	311	PK	PASS



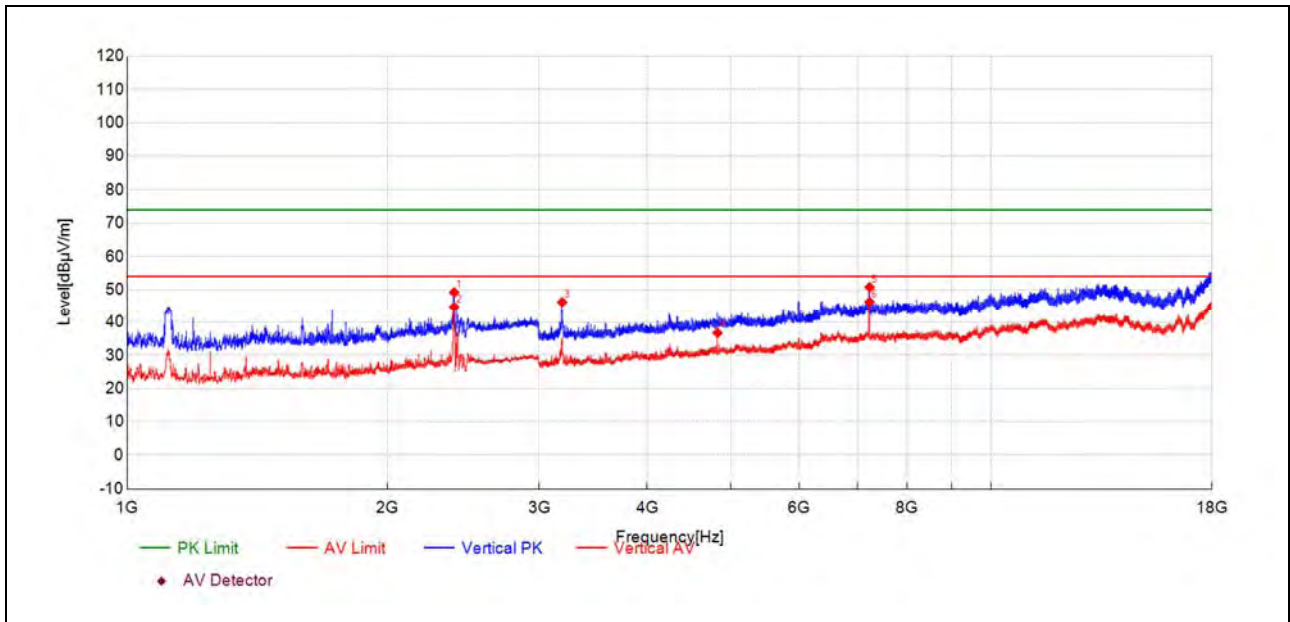
(Antenna Horizontal, 1GHz to 18GHz)

Fre. (MHz)	Reading [dBμV]	Level [dBμV/m]	Factor [dB/m]	Limit [dBμV/m]	Margin [dB]	Height [cm]	Angle [°]	Detector	Verdict
2390.98	48.3	49.07	0.750	54.00	4.93	150	188	AV	PASS
2390.98	52.4	53.15	0.750	74.00	20.85	150	188	PK	PASS
2550.12	45.6	46.47	0.840	74.00	27.53	150	60	PK	PASS
4823.47	47.3	36.71	-10.550	54.00	17.29	150	220	AV	PASS
7234.37	52.4	48.50	-3.920	74.00	25.50	150	116	PK	PASS
7234.97	46.5	42.55	-3.930	54.00	11.45	150	136	AV	PASS



(Antenna Vertical, 30MHz to 1GHz)

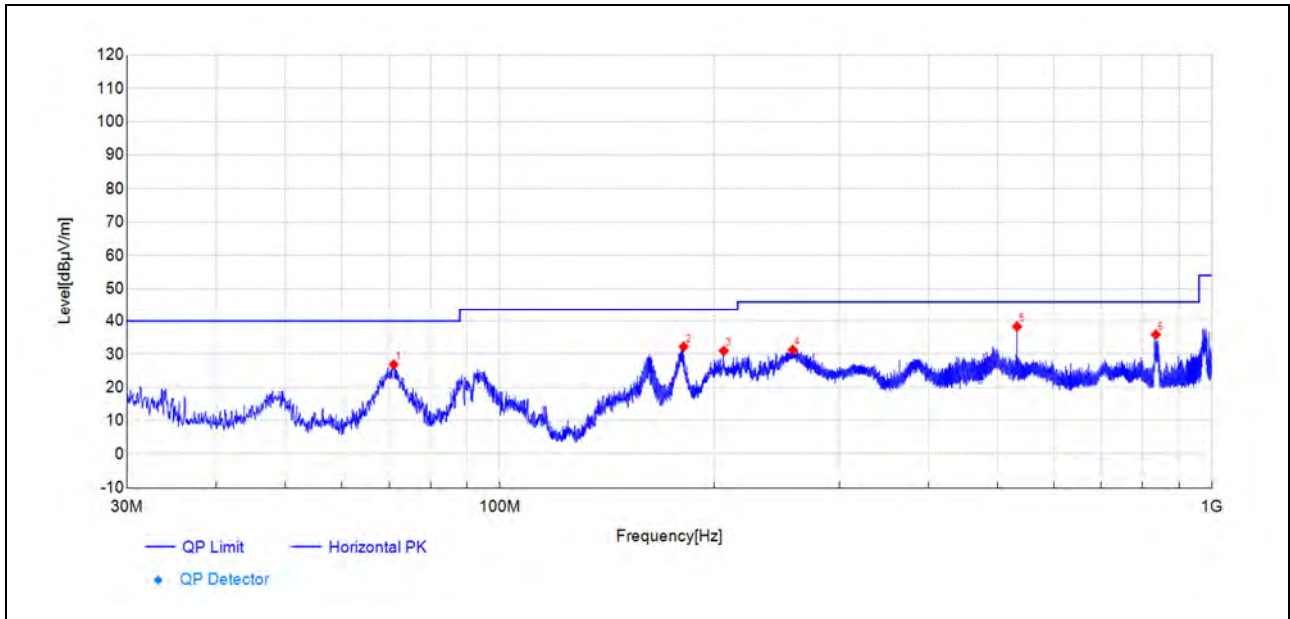
Fre. (MHz)	Reading [dBμV]	Level [dBμV/m]	Factor [dB/m]	Limit [dBμV/m]	Margin [dB]	Height [cm]	Angle [°]	Detector	Verdict
31.59	64.7	31.97	-32.690	40.00	8.03	100	201	PK	PASS
70.57	65.1	30.57	-34.540	40.00	9.43	100	201	PK	PASS
321.78	54.6	28.35	-26.290	46.00	17.65	100	150	PK	PASS
403.21	53.9	29.89	-24.040	46.00	16.11	100	354	PK	PASS
531.31	51.4	30.04	-21.400	46.00	15.96	100	10	PK	PASS
833.15	51.1	35.21	-15.930	46.00	10.79	100	188	PK	PASS



(Antenna Vertical, 1GHz to 18GHz)

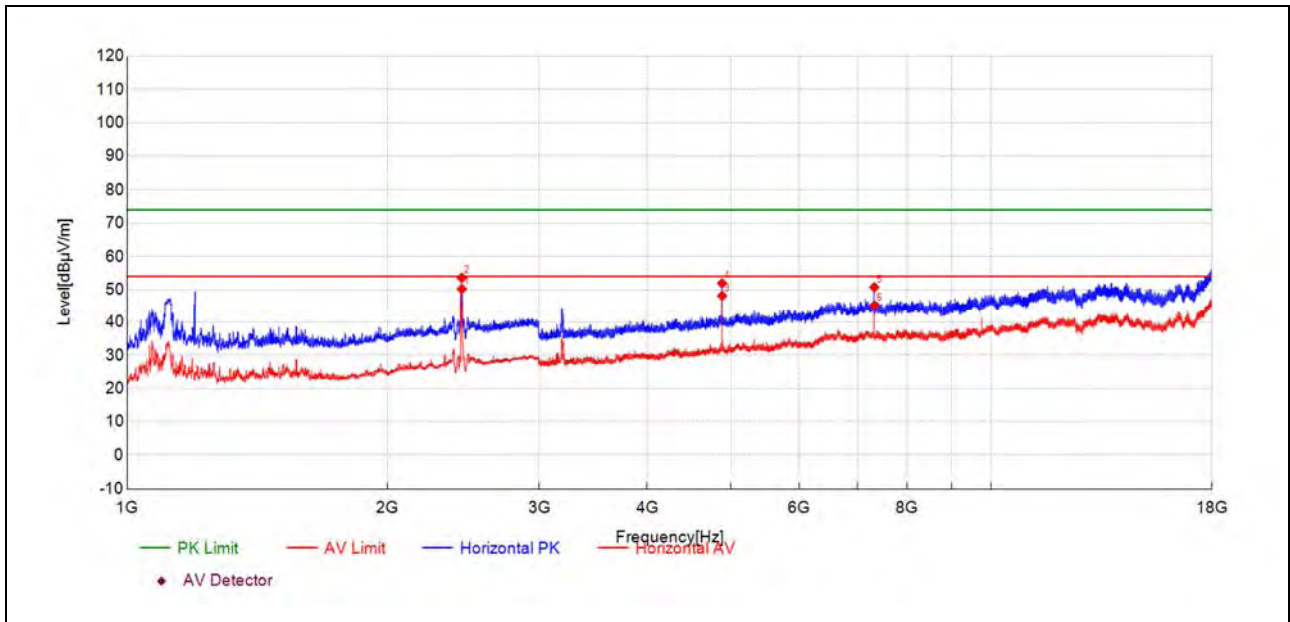
Fre. (MHz)	Reading [dBμV]	Level [dBμV/m]	Factor [dB/m]	Limit [dBμV/m]	Margin [dB]	Height [cm]	Angle [°]	Detector	Verdict
2390.98	48.4	49.17	0.750	74.00	24.83	150	140	PK	PASS
2390.98	44.0	44.74	0.750	54.00	9.26	150	140	AV	PASS
3188.41	61.7	46.17	-15.540	74.00	27.83	150	11	PK	NA
4824.07	47.3	36.73	-10.550	54.00	17.27	150	117	AV	NA
7233.77	54.7	50.75	-3.910	74.00	23.25	150	11	PK	PASS
7234.37	50.2	46.28	-3.920	54.00	7.72	150	11	AV	PASS

Plot for Channel 7



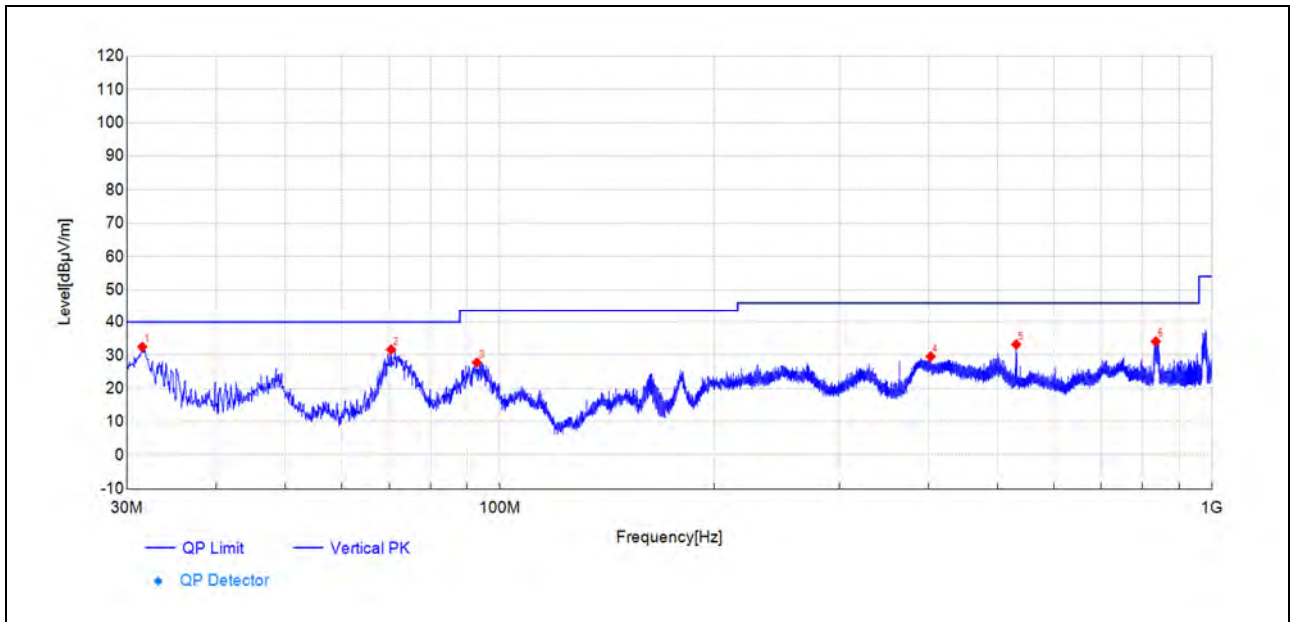
(Antenna Horizontal, 30MHz to 1GHz)

Fre. (MHz)	Reading [dBμV]	Level [dBμV/m]	Factor [dB/m]	Limit [dBμV/m]	Margin [dB]	Height [cm]	Angle [°]	Detector	Verdict
71.04	61.6	26.88	-34.680	40.00	13.12	100	56	PK	PASS
181.39	63.7	32.27	-31.420	43.50	11.23	100	145	PK	PASS
206.55	61.1	31.01	-30.070	43.50	12.49	100	221	PK	PASS
258.11	59.3	31.29	-27.980	46.00	14.71	100	19	PK	PASS
533.02	59.7	38.32	-21.390	46.00	7.68	100	94	PK	PASS
834.74	51.8	35.92	-15.900	46.00	10.08	100	260	PK	PASS



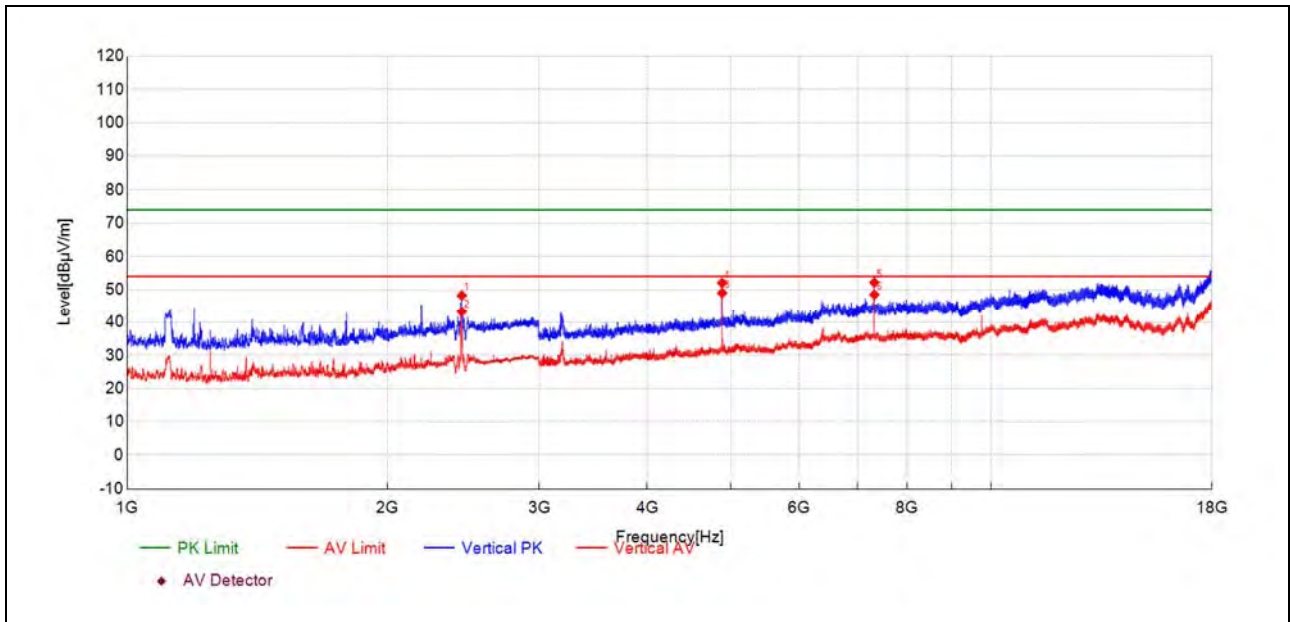
(Antenna Horizontal, 1GHz to 18GHz)

Fre. (MHz)	Reading [dBμV]	Level [dBμV/m]	Factor [dB/m]	Limit [dBμV/m]	Margin [dB]	Height [cm]	Angle [°]	Detector	Verdict
2440.32	49.2	50.20	1.010	-	-	150	141	AV	NA
2440.76	52.5	53.56	1.020	-	-	150	187	PK	NA
4883.48	58.1	48.16	-9.980	54.00	5.84	150	220	AV	PASS
4883.48	61.9	51.91	-9.980	74.00	22.09	150	220	PK	PASS
7325.57	54.4	50.74	-3.700	74.00	23.26	150	201	PK	PASS
7327.37	48.9	45.21	-3.710	54.00	8.79	150	32	AV	PASS



(Antenna Vertical, 30MHz to 1GHz)

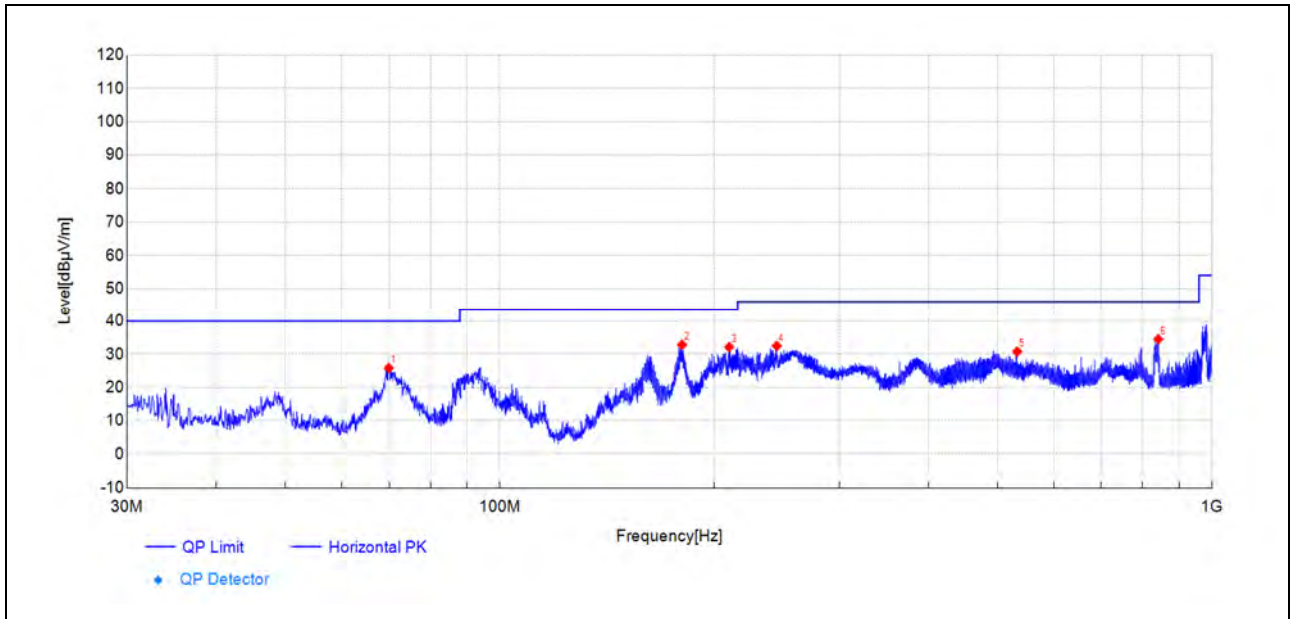
Fre. (MHz)	Reading [dBμV]	Level [dBμV/m]	Factor [dB/m]	Limit [dBμV/m]	Margin [dB]	Height [cm]	Angle [°]	Detector	Verdict
31.53	65.2	32.53	-32.710	40.00	7.47	100	347	PK	PASS
70.45	66.2	31.72	-34.500	40.00	8.28	100	274	PK	PASS
92.97	58.9	27.81	-31.070	43.50	15.69	100	326	PK	PASS
403.21	53.7	29.63	-24.040	46.00	16.37	100	347	PK	PASS
531.61	54.7	33.25	-21.400	46.00	12.75	100	47	PK	PASS
834.62	50.1	34.17	-15.910	46.00	11.83	100	200	PK	PASS



(Antenna Vertical, 1GHz to 18GHz)

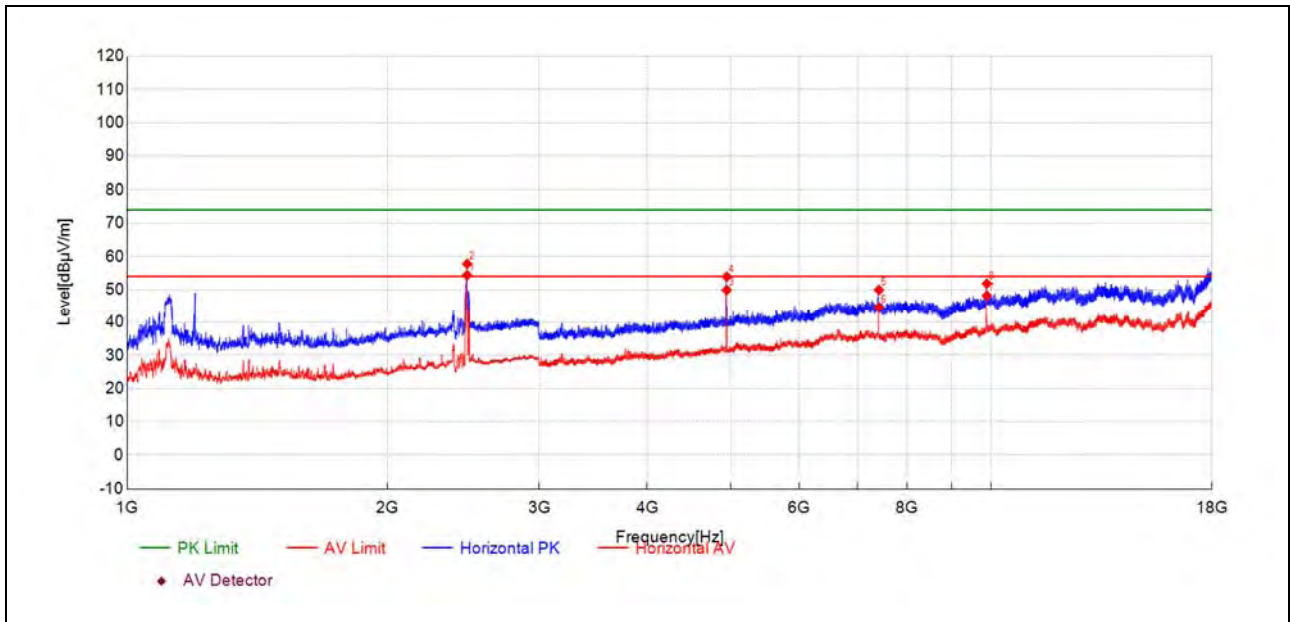
Fre. (MHz)	Reading [dBμV]	Level [dBμV/m]	Factor [dB/m]	Limit [dBμV/m]	Margin [dB]	Height [cm]	Angle [°]	Detector	Verdict
2440.32	47.2	48.22	1.010	-	-	150	153	PK	NA
2440.32	42.2	43.24	1.010	-	-	150	153	AV	NA
4883.48	59.0	48.99	-9.980	54.00	5.01	150	117	AV	PASS
4883.48	62.0	52.05	-9.980	74.00	21.95	150	117	PK	PASS
7325.57	55.9	52.17	-3.700	74.00	21.83	150	307	PK	PASS
7327.37	52.2	48.49	-3.710	54.00	5.51	150	11	AV	PASS

Plot for Channel 13



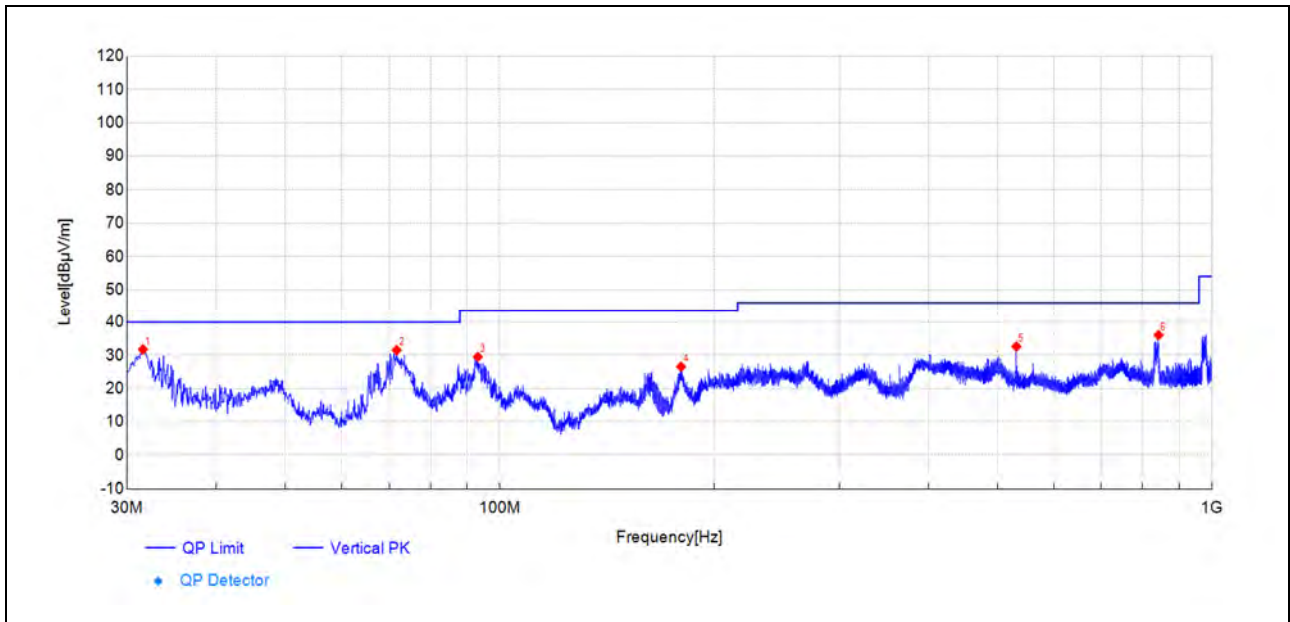
(Antenna Horizontal, 30MHz to 1GHz)

Fre. (MHz)	Reading [dBμV]	Level [dBμV/m]	Factor [dB/m]	Limit [dBμV/m]	Margin [dB]	Height [cm]	Angle [°]	Detector	Verdict
69.92	60.2	25.85	-34.350	40.00	14.15	100	238	PK	PASS
180.45	64.4	32.85	-31.510	43.50	10.65	100	135	PK	PASS
210.14	62.0	32.15	-29.810	43.50	11.35	100	224	PK	PASS
245.12	60.8	32.49	-28.270	46.00	13.51	100	187	PK	PASS
533.20	52.2	30.80	-21.380	46.00	15.20	100	34	PK	PASS
841.67	50.3	34.52	-15.750	46.00	11.48	100	262	PK	PASS



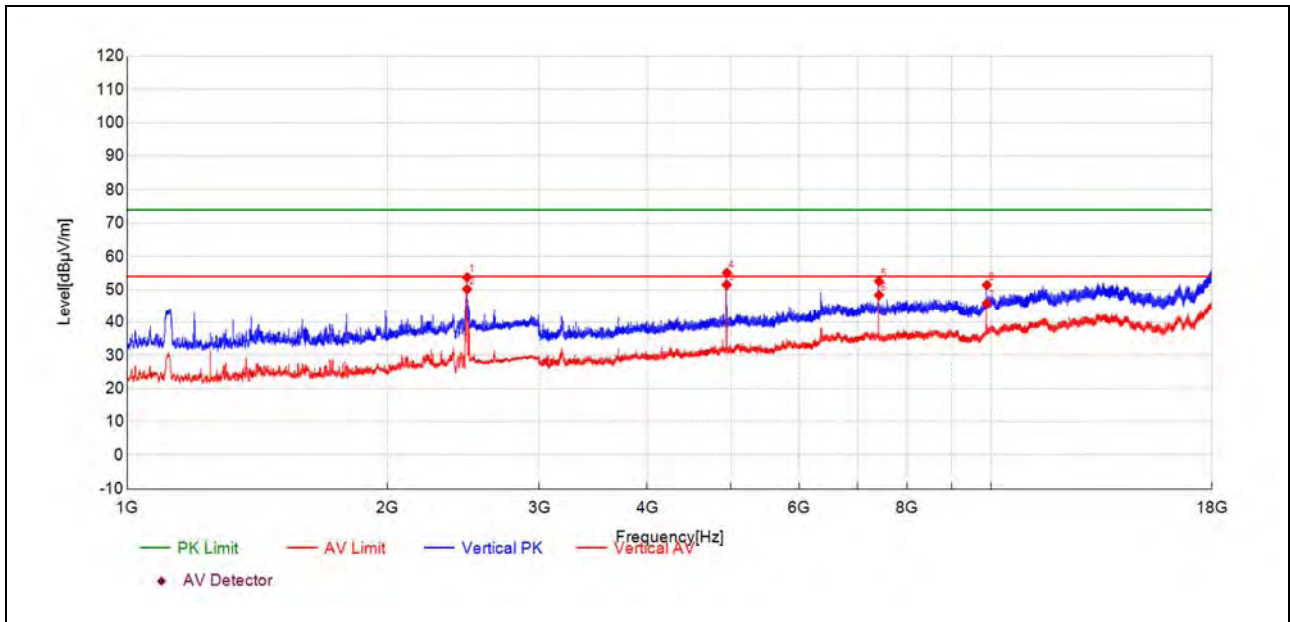
(Antenna Horizontal, 1GHz to 18GHz)

Fre. (MHz)	Reading [dBμV]	Level [dBμV/m]	Factor [dB/m]	Limit [dBμV/m]	Margin [dB]	Height [cm]	Angle [°]	Detector	Verdict
2474.99	53.4	54.38	0.940	-	-	150	188	AV	NA
2474.99	56.8	57.74	0.940	-	-	150	188	PK	NA
4943.48	60.0	49.88	-10.110	54.00	4.12	150	221	AV	PASS
4944.08	64.0	53.89	-10.110	74.00	20.11	150	221	PK	PASS
7416.18	54.0	49.92	-4.070	74.00	24.08	150	31	PK	PASS
7416.78	48.7	44.58	-4.080	54.00	9.42	150	11	AV	PASS
9887.68	49.4	48.20	-1.210	54.00	5.80	150	117	AV	PASS
9888.28	53.0	51.79	-1.210	74.00	22.21	150	136	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
31.59	64.5	31.76	-32.690	40.00	8.24	100	328	PK	PASS
71.74	66.4	31.55	-34.810	40.00	8.45	100	164	PK	PASS
93.26	60.5	29.49	-31.000	43.50	14.01	100	126	PK	PASS
179.92	58.1	26.57	-31.560	43.50	16.93	100	289	PK	PASS
531.90	54.0	32.64	-21.400	46.00	13.36	100	289	PK	PASS
842.26	51.8	36.09	-15.720	46.00	9.91	100	189	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
2474.99	52.8	53.71	0.940	-	-	150	141	PK	NA
2474.99	49.2	50.15	0.940	-	-	150	152	AV	NA
4943.48	61.6	51.47	-10.110	54.00	2.53	150	115	AV	PASS
4944.08	65.2	55.10	-10.110	74.00	18.90	150	115	PK	PASS
7416.78	56.6	52.55	-4.080	74.00	21.45	150	360	PK	PASS
7417.38	52.5	48.36	-4.090	54.00	5.64	150	360	AV	PASS
9887.68	47.1	45.92	-1.210	54.00	8.08	150	134	AV	PASS
9888.28	52.6	51.39	-1.210	74.00	22.61	150	324	PK	PASS

END OF REPORT