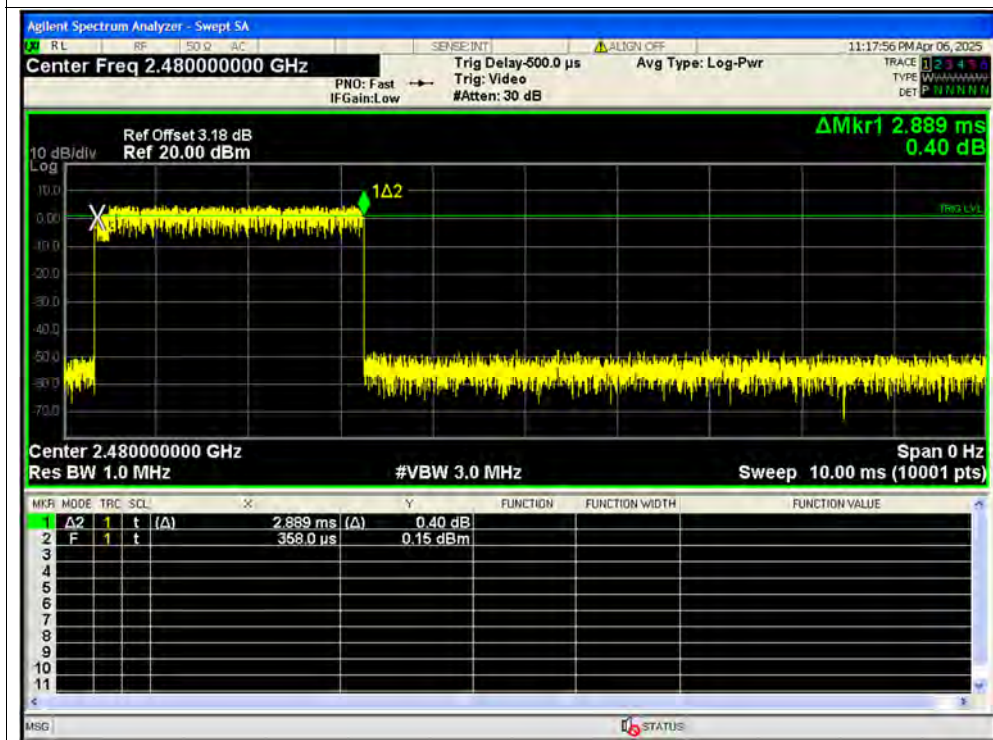
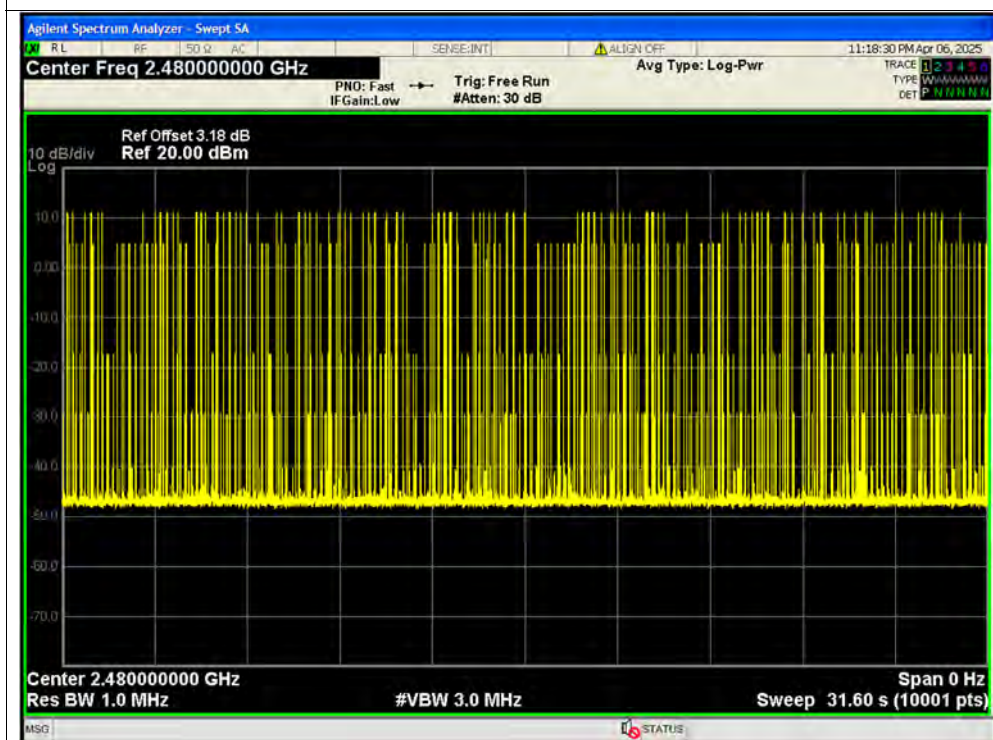




Dwell NVNT 2-DH5 2480MHz Ant1 One Burst

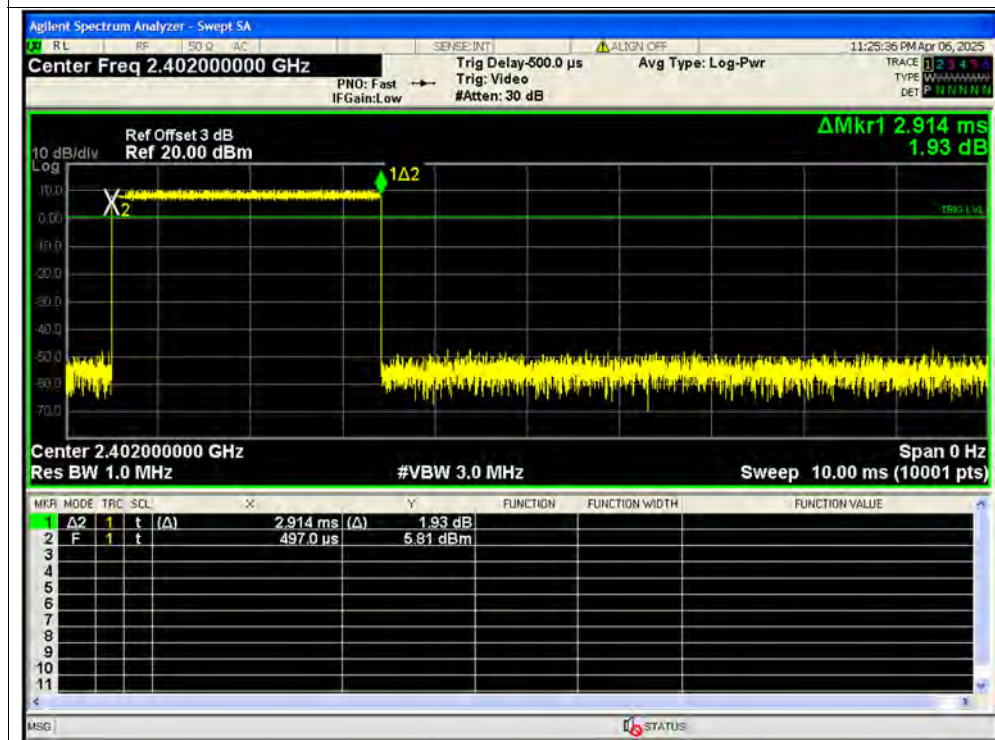


Dwell NVNT 2-DH5 2480MHz Ant1 Accumulated

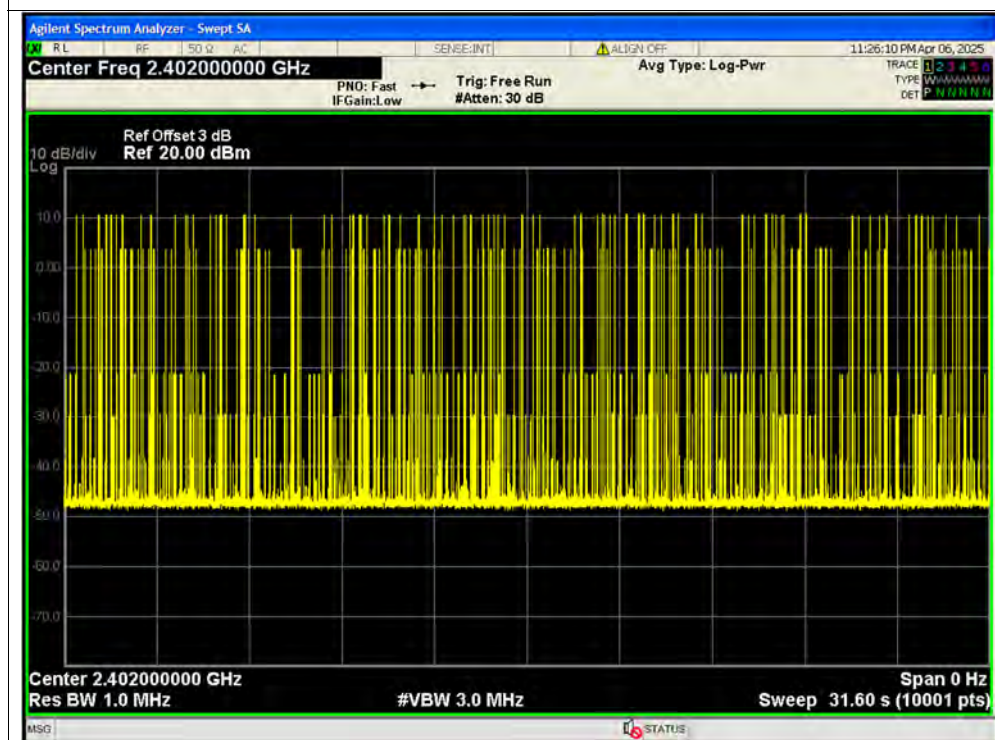




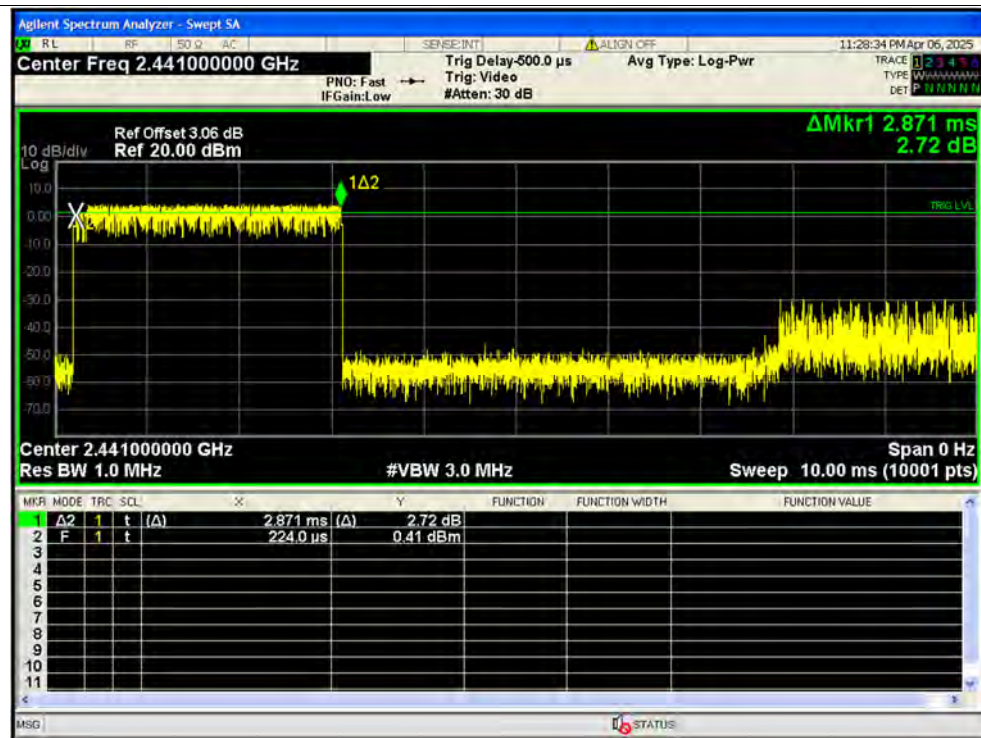
Dwell NVNT 3-DH5 2402MHz Ant1 One Burst



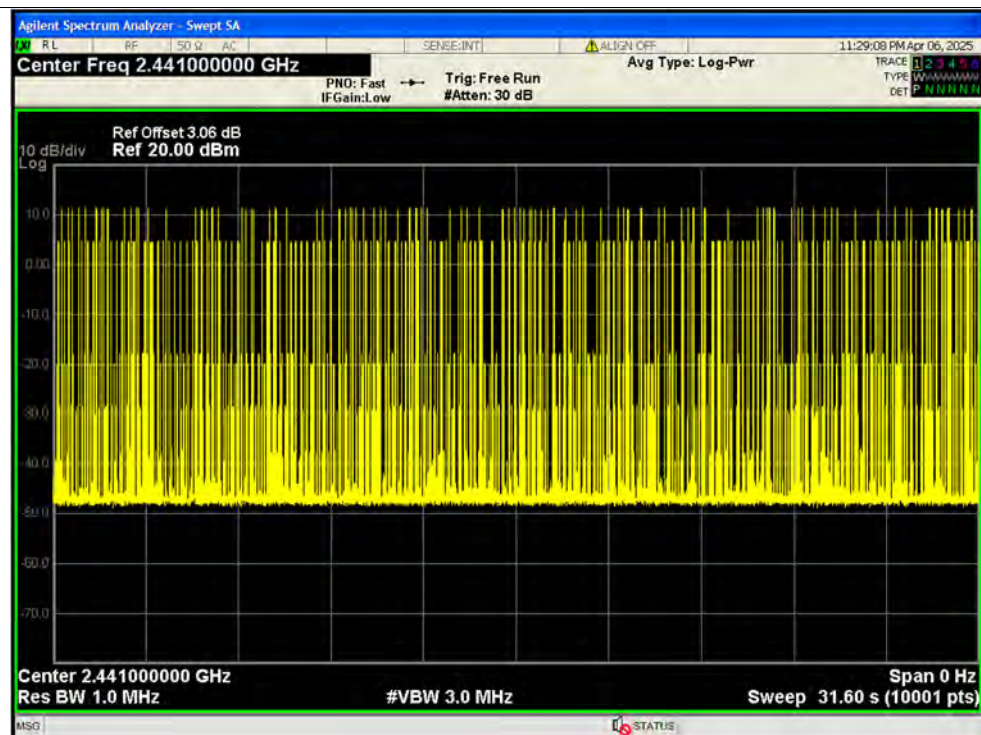
Dwell NVNT 3-DH5 2402MHz Ant1 Accumulated



Dwell NVNT 3-DH5 2441MHz Ant1 One Burst

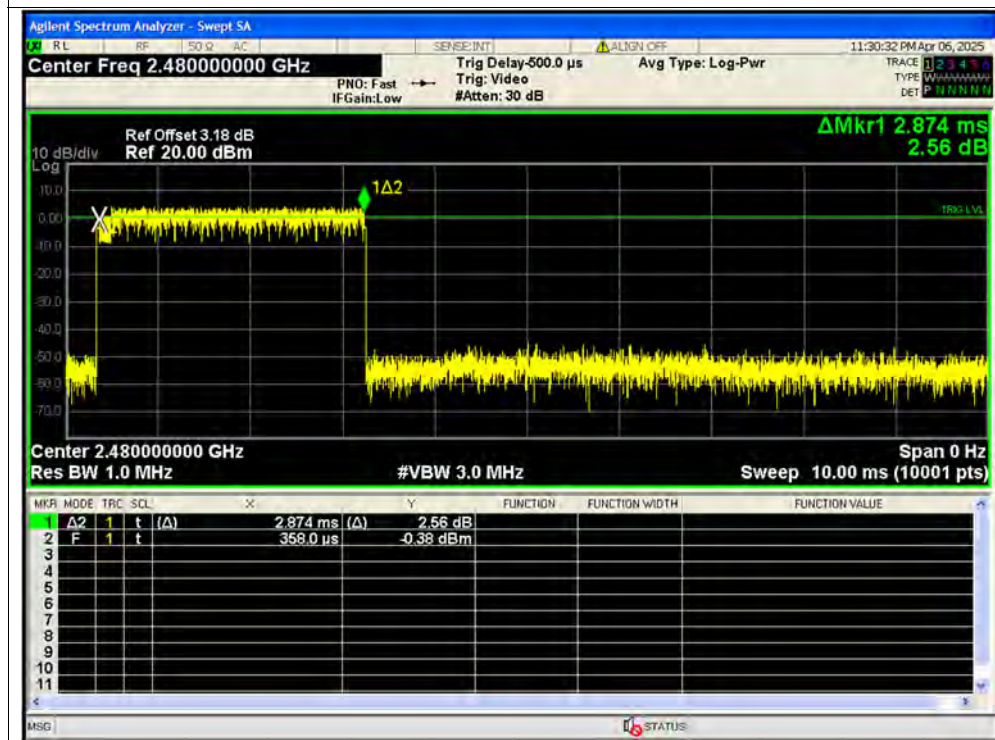


Dwell NVNT 3-DH5 2441MHz Ant1 Accumulated

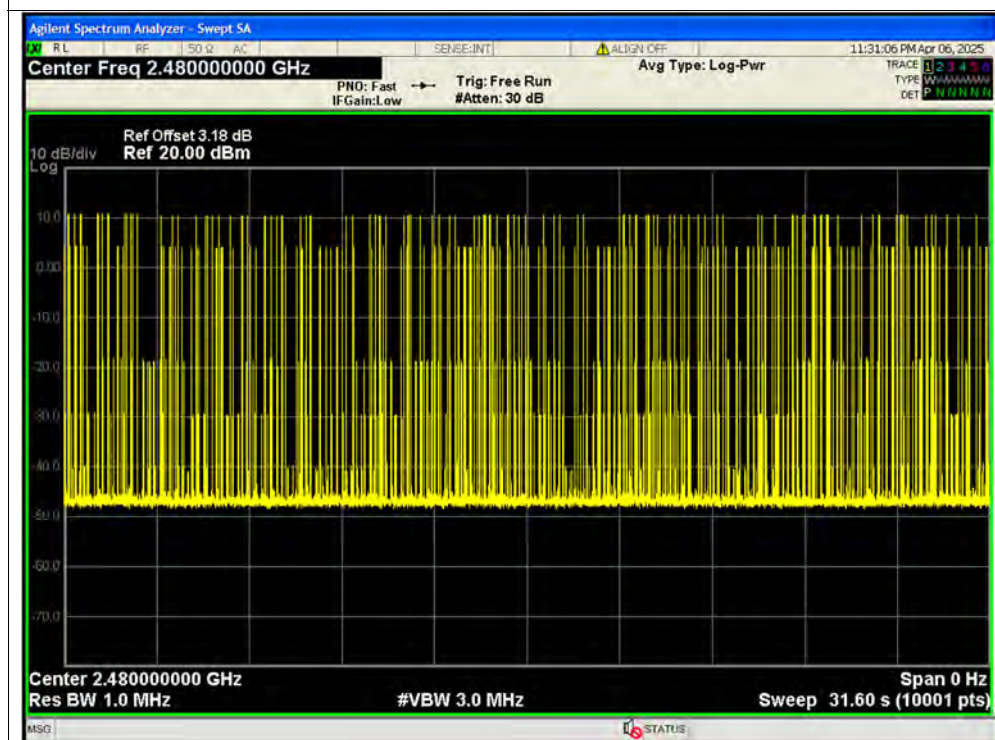




Dwell NVNT 3-DH5 2480MHz Ant1 One Burst



Dwell NVNT 3-DH5 2480MHz Ant1 Accumulated



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

Condition	Mode	Frequency (MHz)	Antenna	Max Value (dBc)	Limit (dBc)	Verdict
NVNT	1-DH5	2402	Ant1	-55.1	-20	Pass
NVNT	1-DH5	2441	Ant1	-55.82	-20	Pass
NVNT	1-DH5	2480	Ant1	-52.52	-20	Pass
NVNT	2-DH5	2402	Ant1	-57.37	-20	Pass
NVNT	2-DH5	2441	Ant1	-58.23	-20	Pass
NVNT	2-DH5	2480	Ant1	-57.93	-20	Pass
NVNT	3-DH5	2402	Ant1	-56.53	-20	Pass
NVNT	3-DH5	2441	Ant1	-56.62	-20	Pass
NVNT	3-DH5	2480	Ant1	-57.68	-20	Pass

Right

Condition	Mode	Frequency (MHz)	Antenna	Max Value (dBc)	Limit (dBc)	Verdict
NVNT	1-DH5	2402	Ant1	-56.49	-20	Pass
NVNT	1-DH5	2441	Ant1	-57.12	-20	Pass
NVNT	1-DH5	2480	Ant1	-57.42	-20	Pass
NVNT	2-DH5	2402	Ant1	-55.9	-20	Pass
NVNT	2-DH5	2441	Ant1	-57.98	-20	Pass
NVNT	2-DH5	2480	Ant1	-57.16	-20	Pass
NVNT	3-DH5	2402	Ant1	-57	-20	Pass
NVNT	3-DH5	2441	Ant1	-57.27	-20	Pass
NVNT	3-DH5	2480	Ant1	-57.45	-20	Pass

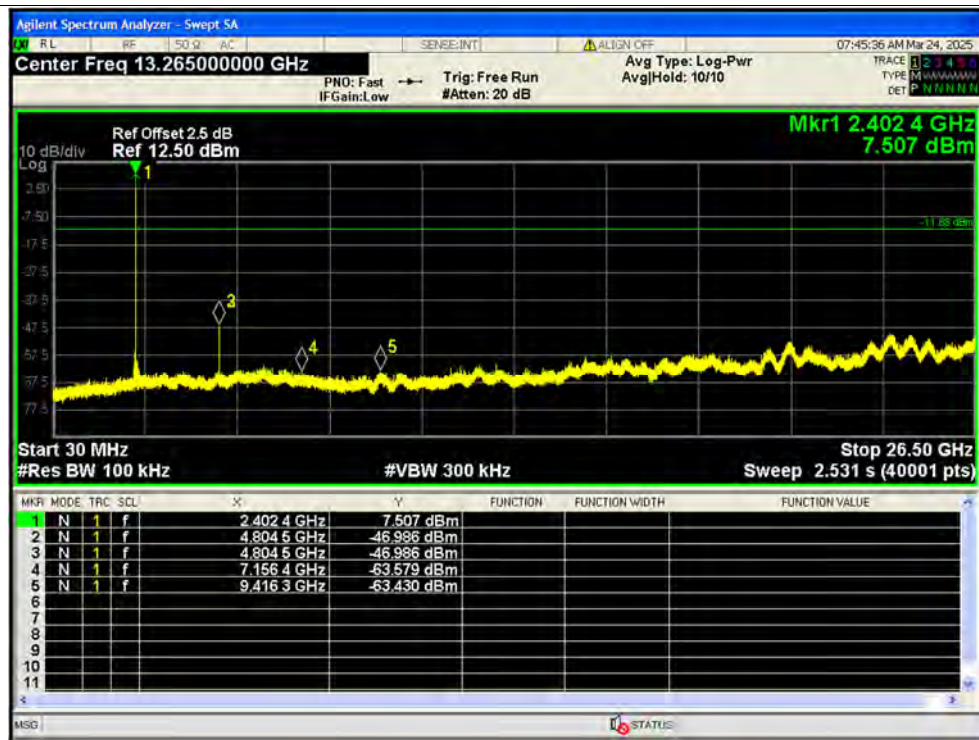
Left

Test Graphs

Tx. Spurious NVNT 1-DH5 2402MHz Ant1 Ref



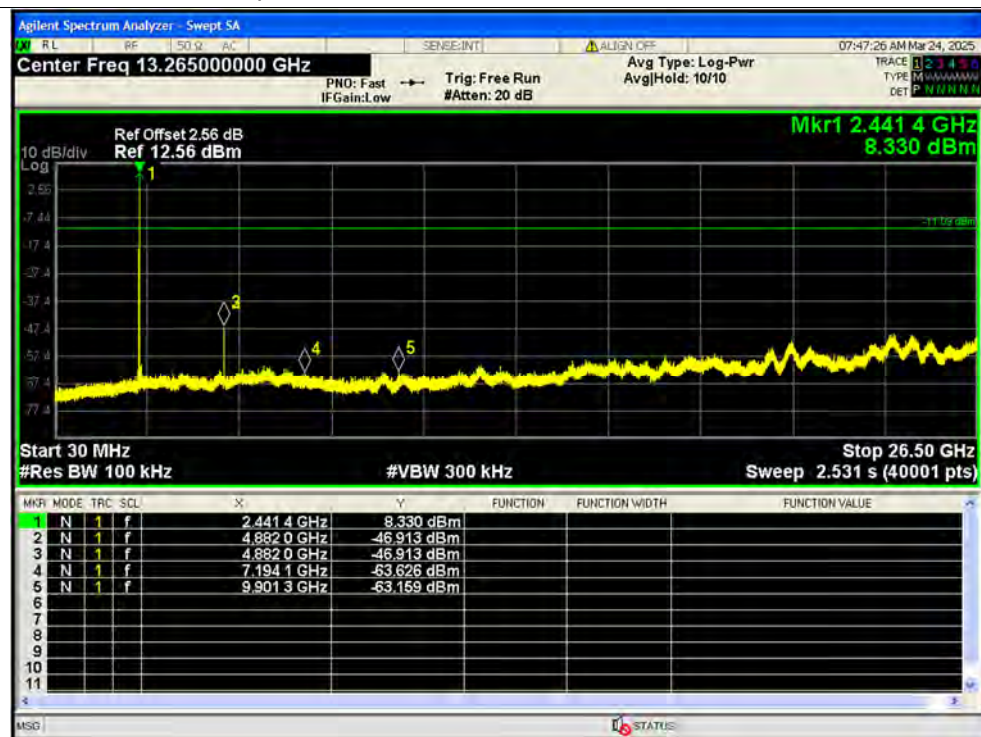
Tx. Spurious NVNT 1-DH5 2402MHz Ant1 Emission



Tx. Spurious NVNT 1-DH5 2441MHz Ant1 Ref



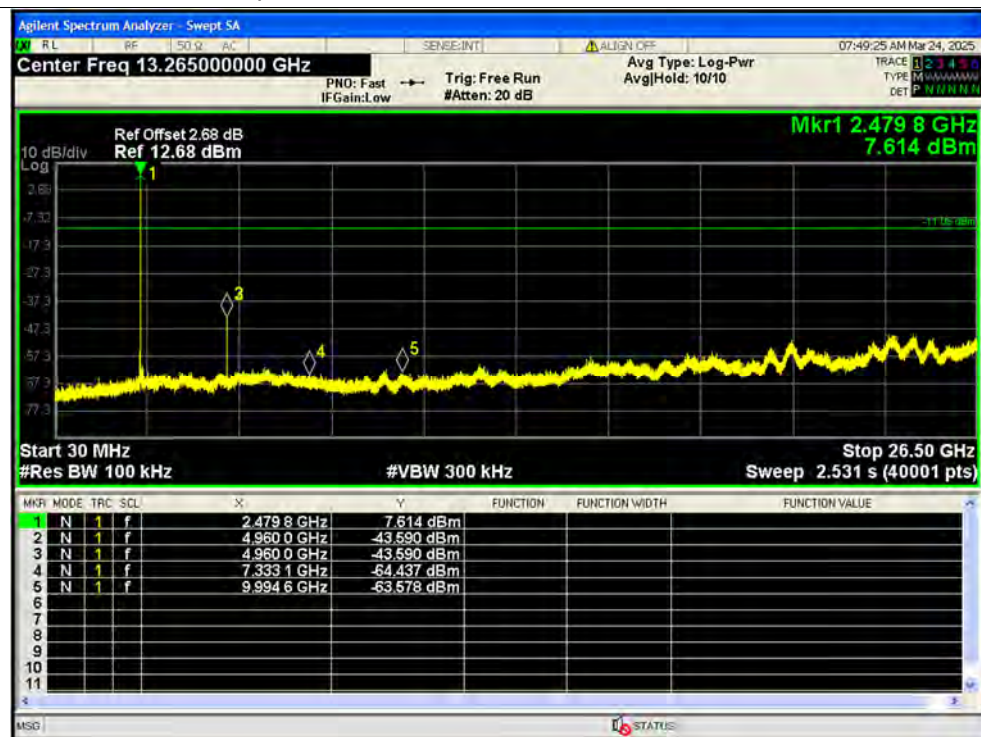
Tx. Spurious NVNT 1-DH5 2441MHz Ant1 Emission



Tx. Spurious NVNT 1-DH5 2480MHz Ant1 Ref



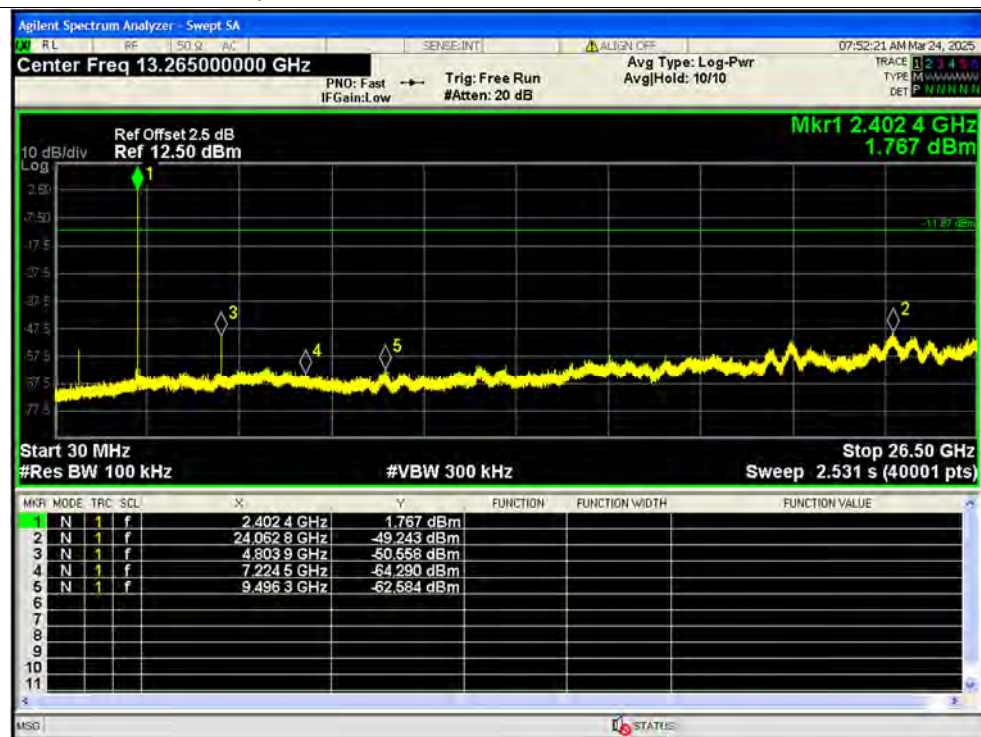
Tx. Spurious NVNT 1-DH5 2480MHz Ant1 Emission



Tx. Spurious NVNT 2-DH5 2402MHz Ant1 Ref



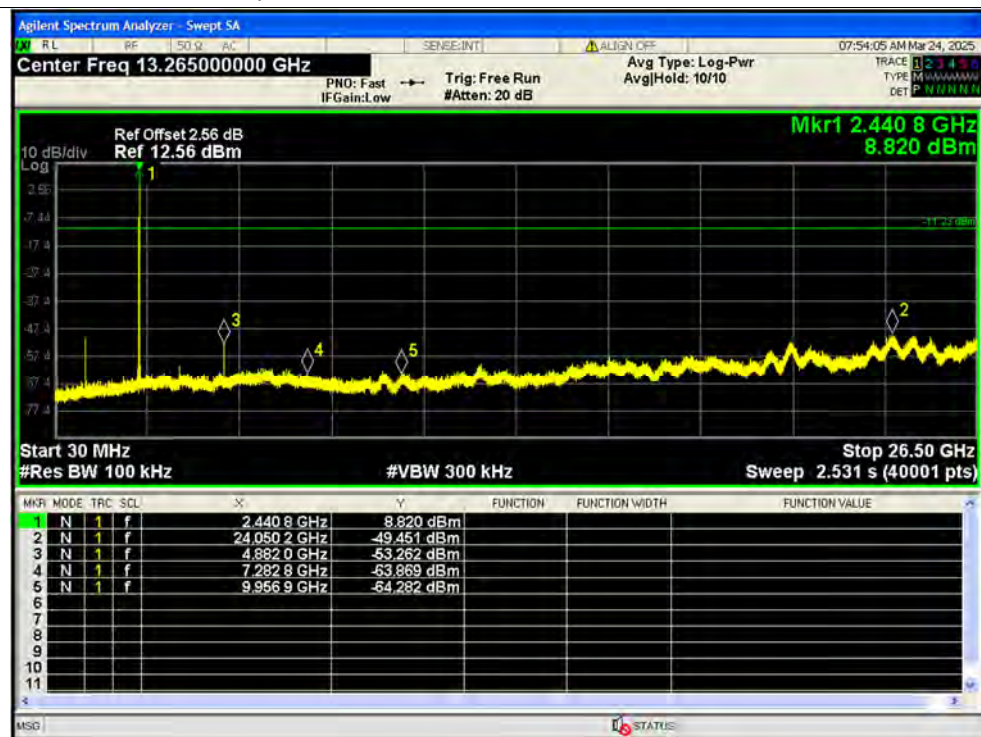
Tx. Spurious NVNT 2-DH5 2402MHz Ant1 Emission



Tx. Spurious NVNT 2-DH5 2441MHz Ant1 Ref



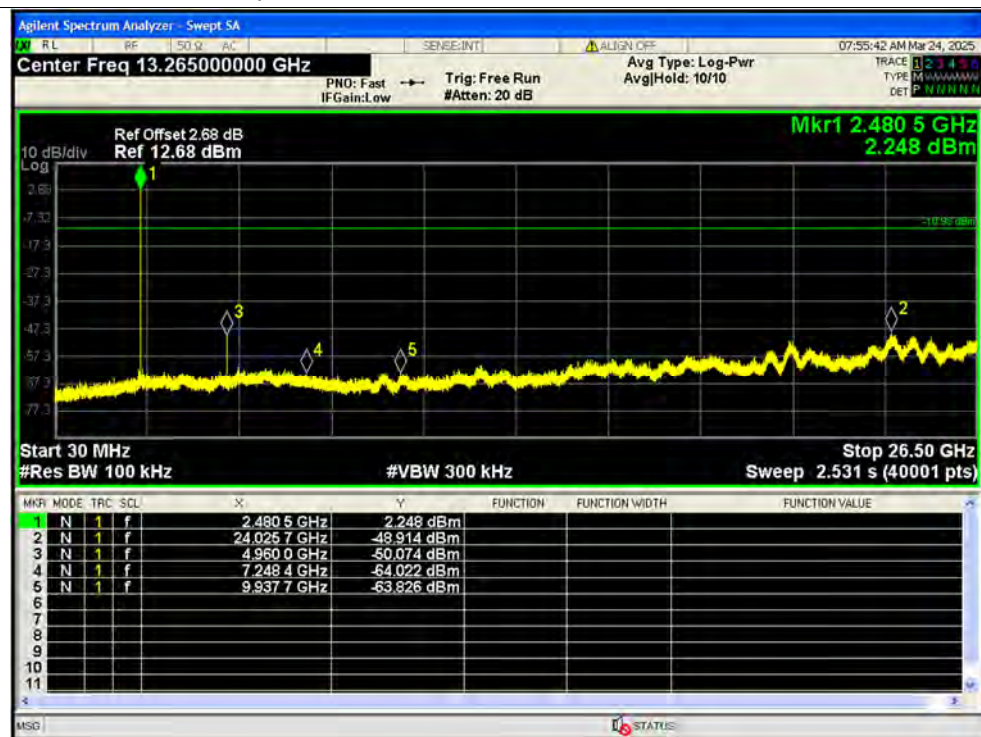
Tx. Spurious NVNT 2-DH5 2441MHz Ant1 Emission



Tx. Spurious NVNT 2-DH5 2480MHz Ant1 Ref



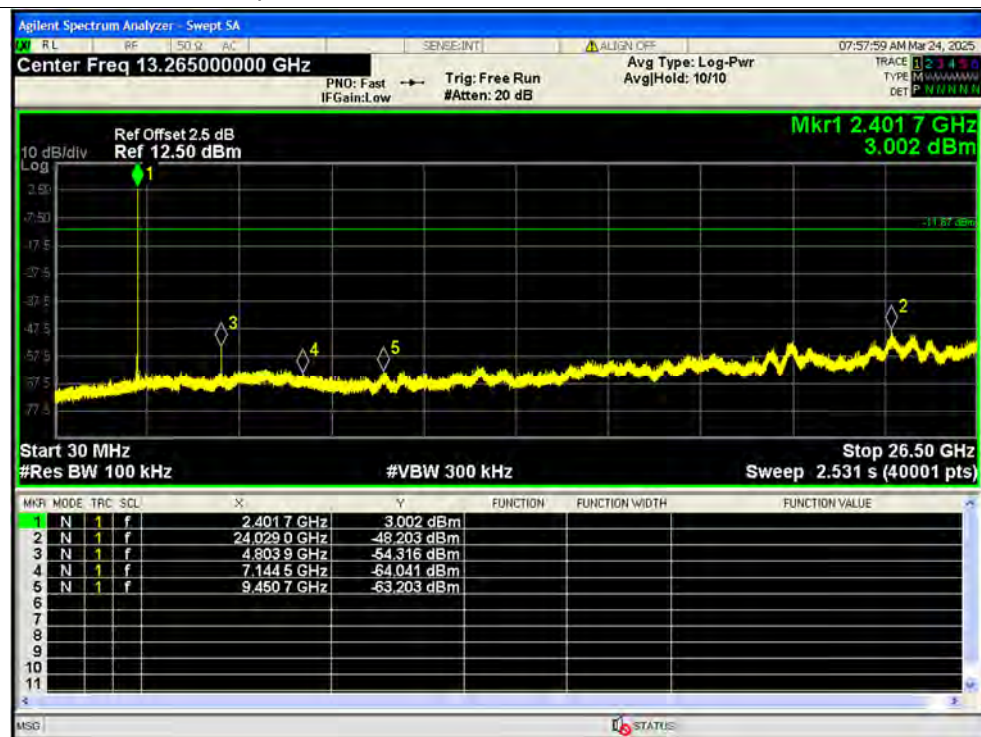
Tx. Spurious NVNT 2-DH5 2480MHz Ant1 Emission



Tx. Spurious NVNT 3-DH5 2402MHz Ant1 Ref



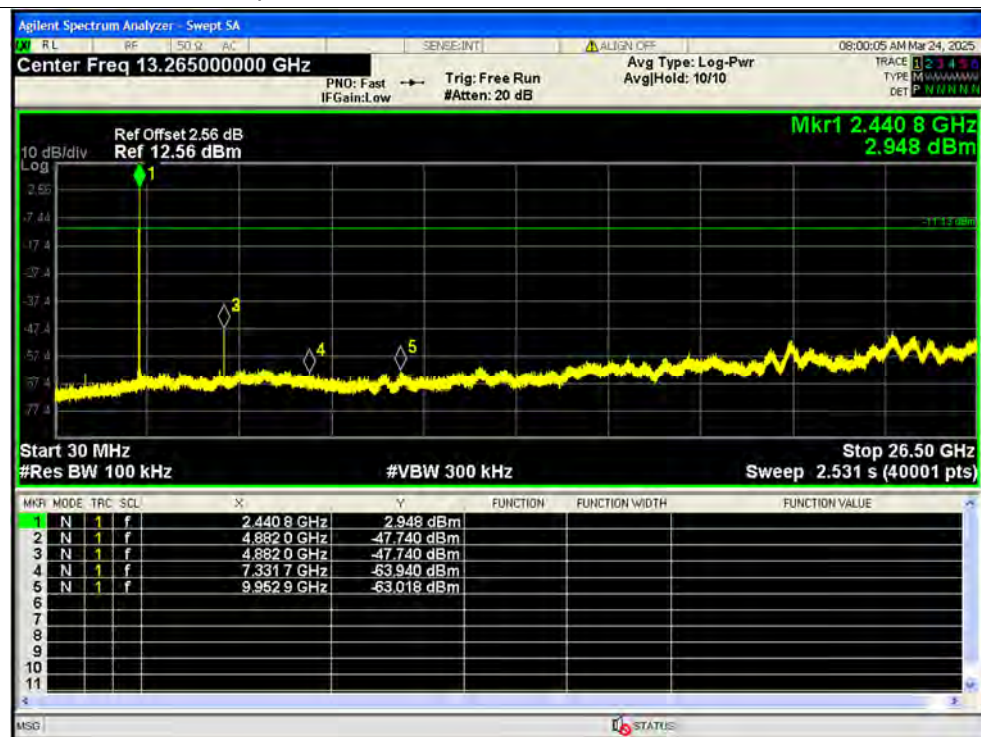
Tx. Spurious NVNT 3-DH5 2402MHz Ant1 Emission



Tx. Spurious NVNT 3-DH5 2441MHz Ant1 Ref



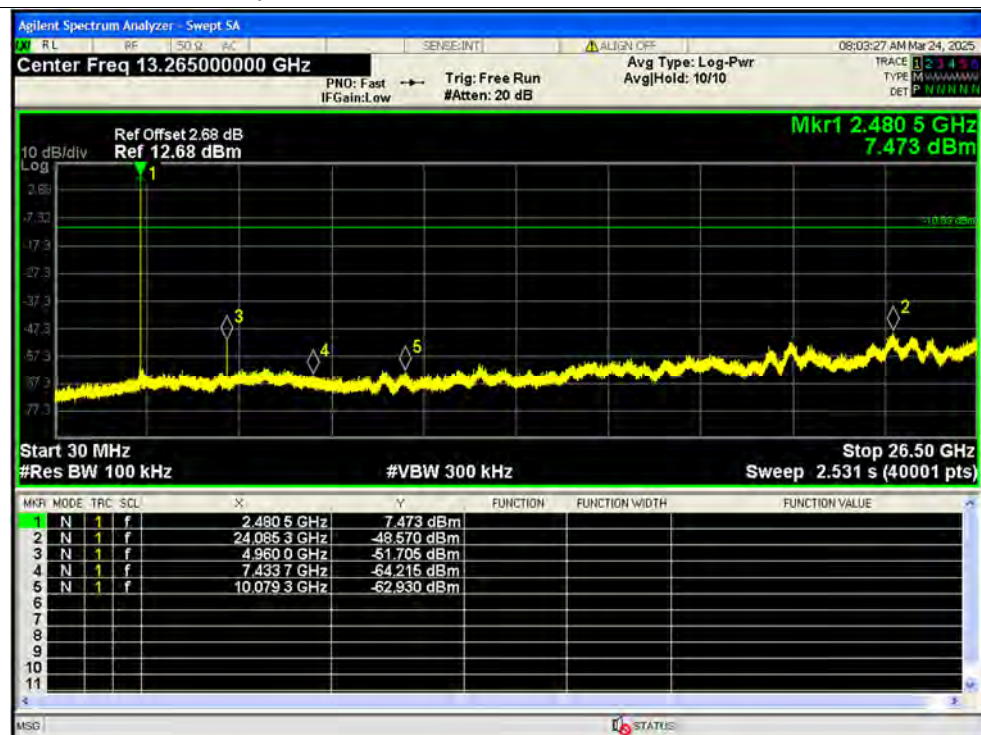
Tx. Spurious NVNT 3-DH5 2441MHz Ant1 Emission



Tx. Spurious NVNT 3-DH5 2480MHz Ant1 Ref



Tx. Spurious NVNT 3-DH5 2480MHz Ant1 Emission



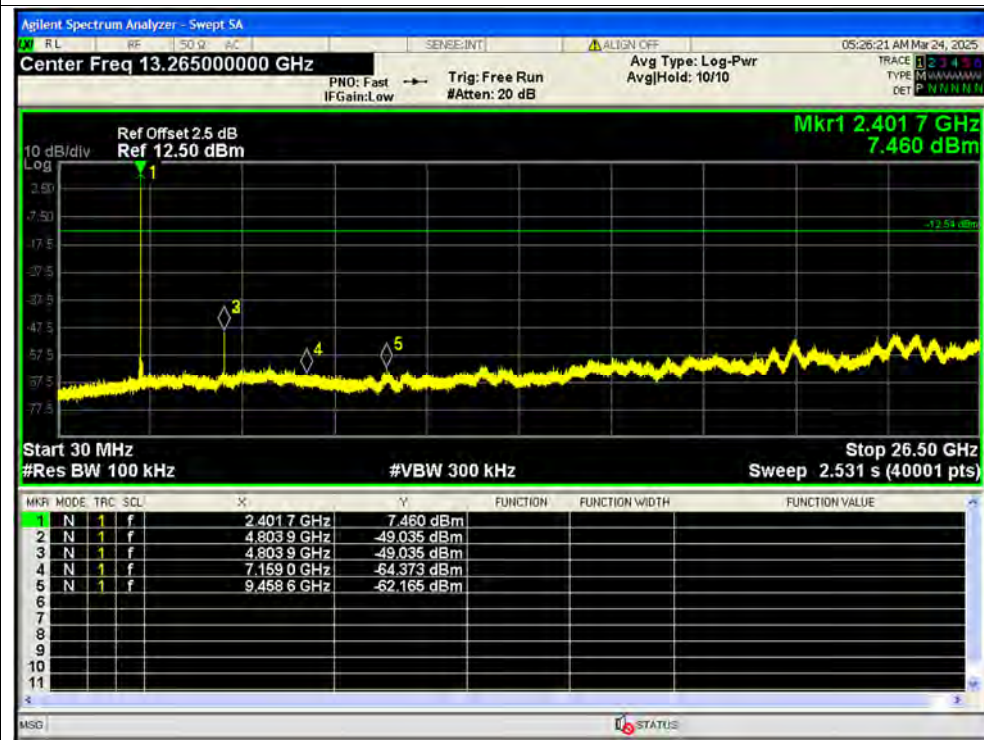
Right

Test Graphs

Tx. Spurious NVNT 1-DH5 2402MHz Ant1 Ref



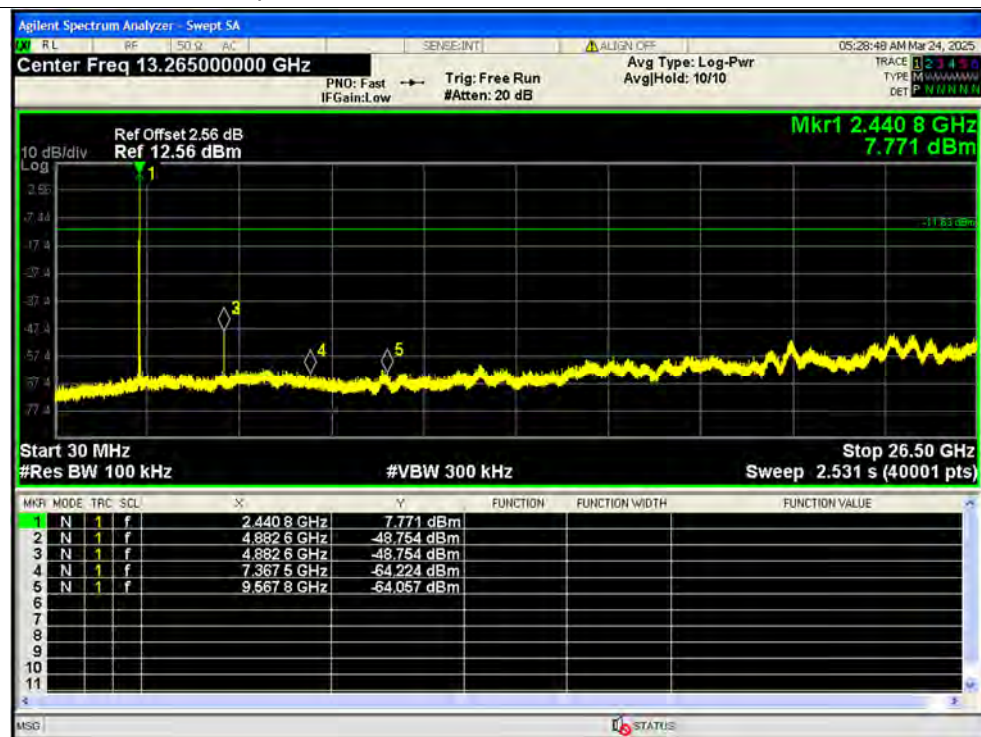
Tx. Spurious NVNT 1-DH5 2402MHz Ant1 Emission



Tx. Spurious NVNT 1-DH5 2441MHz Ant1 Ref



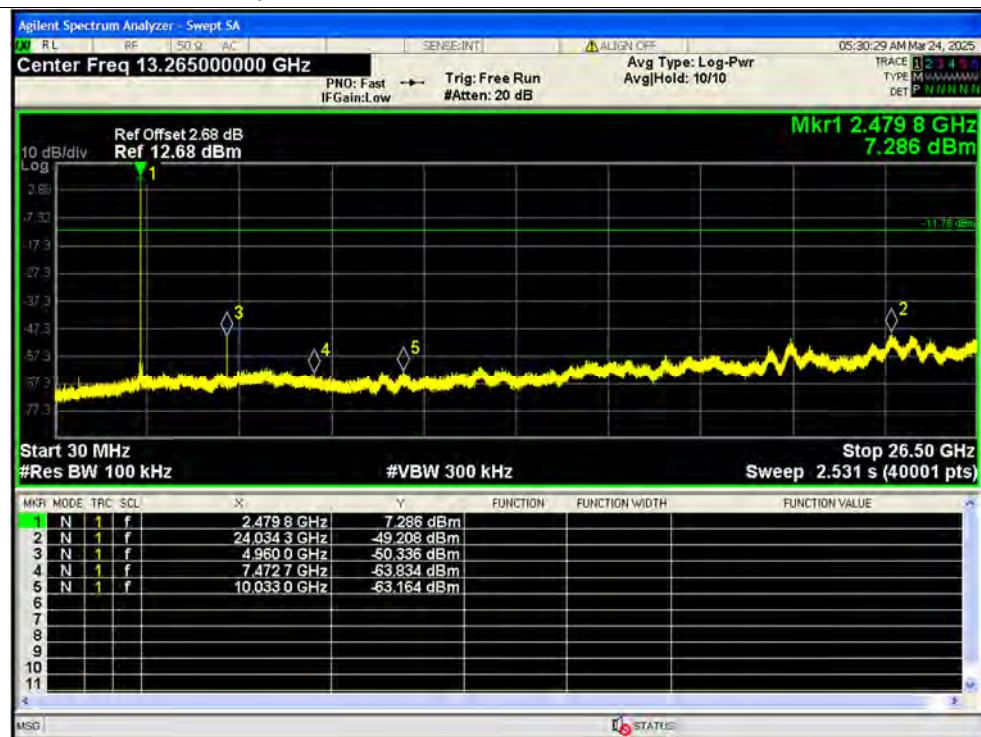
Tx. Spurious NVNT 1-DH5 2441MHz Ant1 Emission



Tx. Spurious NVNT 1-DH5 2480MHz Ant1 Ref



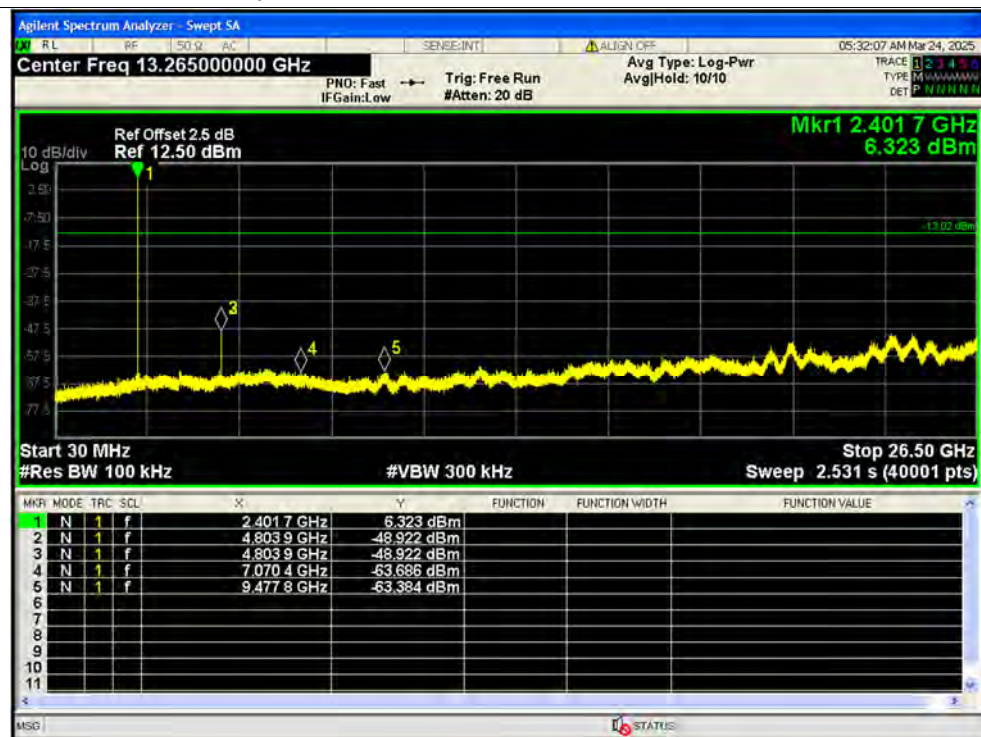
Tx. Spurious NVNT 1-DH5 2480MHz Ant1 Emission



Tx. Spurious NVNT 2-DH5 2402MHz Ant1 Ref



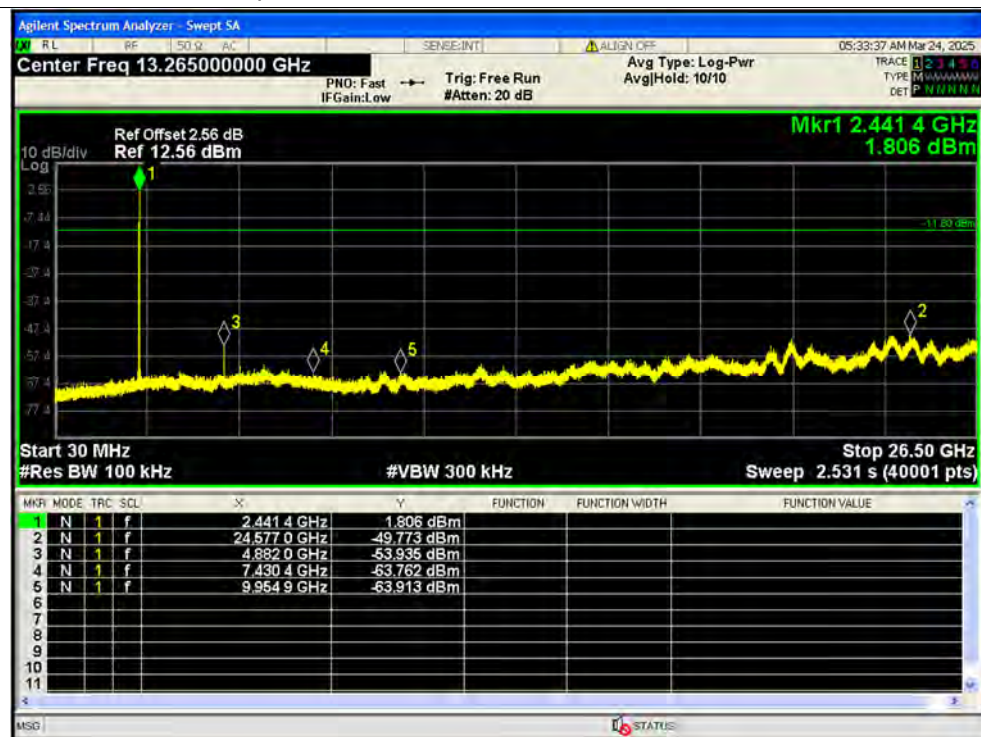
Tx. Spurious NVNT 2-DH5 2402MHz Ant1 Emission



Tx. Spurious NVNT 2-DH5 2441MHz Ant1 Ref



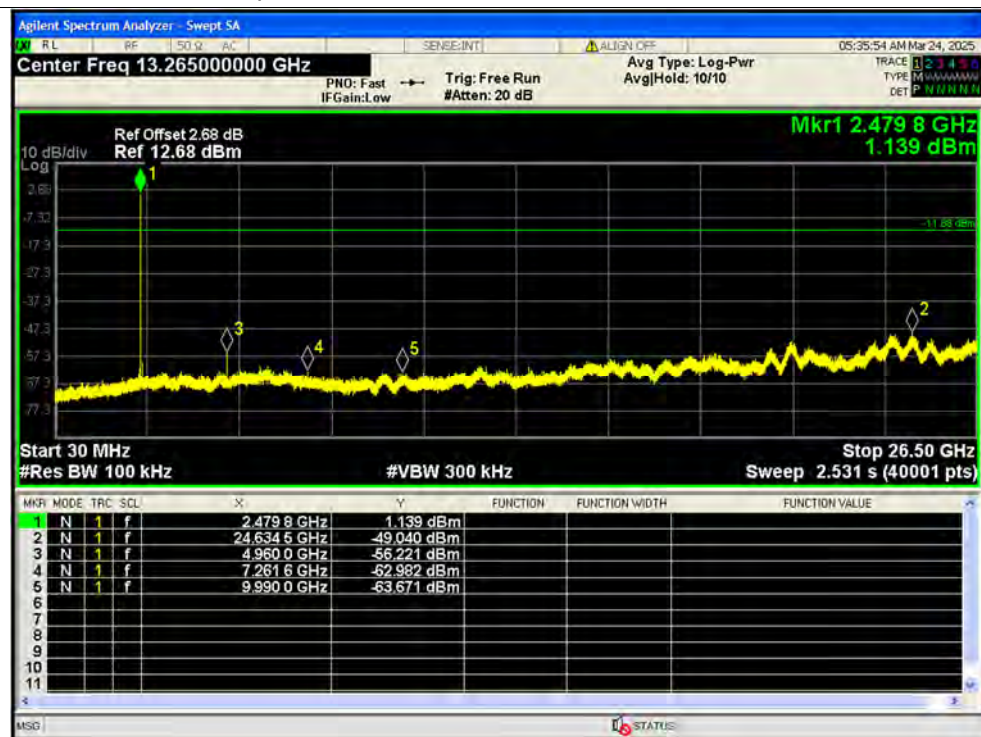
Tx. Spurious NVNT 2-DH5 2441MHz Ant1 Emission



Tx. Spurious NVNT 2-DH5 2480MHz Ant1 Ref



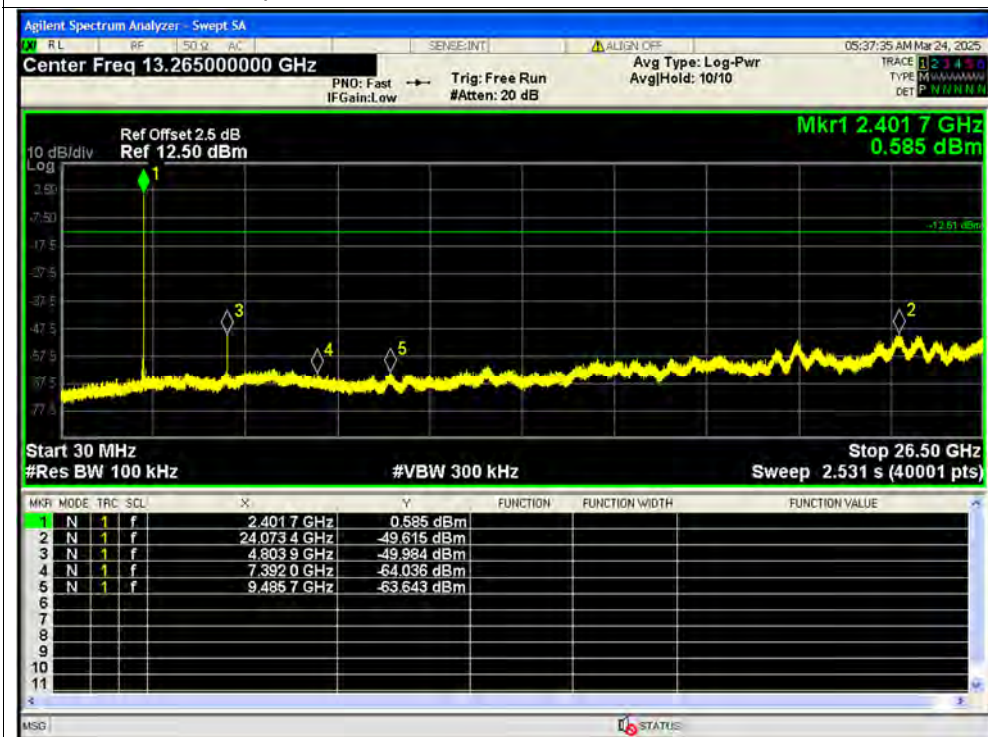
Tx. Spurious NVNT 2-DH5 2480MHz Ant1 Emission



Tx. Spurious NVNT 3-DH5 2402MHz Ant1 Ref



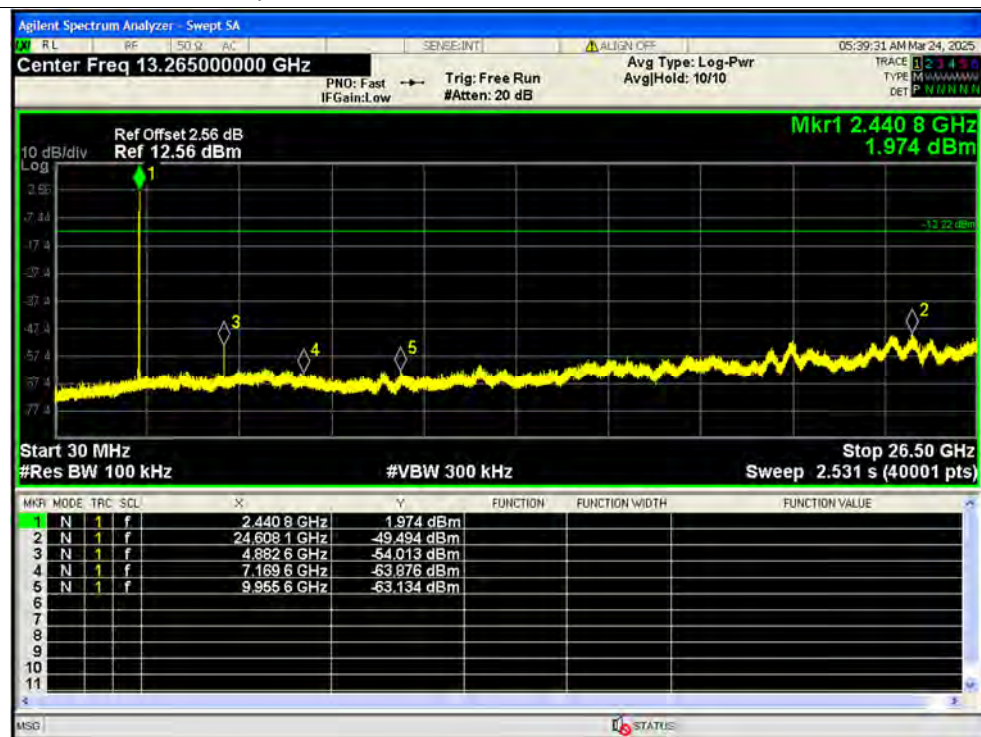
Tx. Spurious NVNT 3-DH5 2402MHz Ant1 Emission



Tx. Spurious NVNT 3-DH5 2441MHz Ant1 Ref



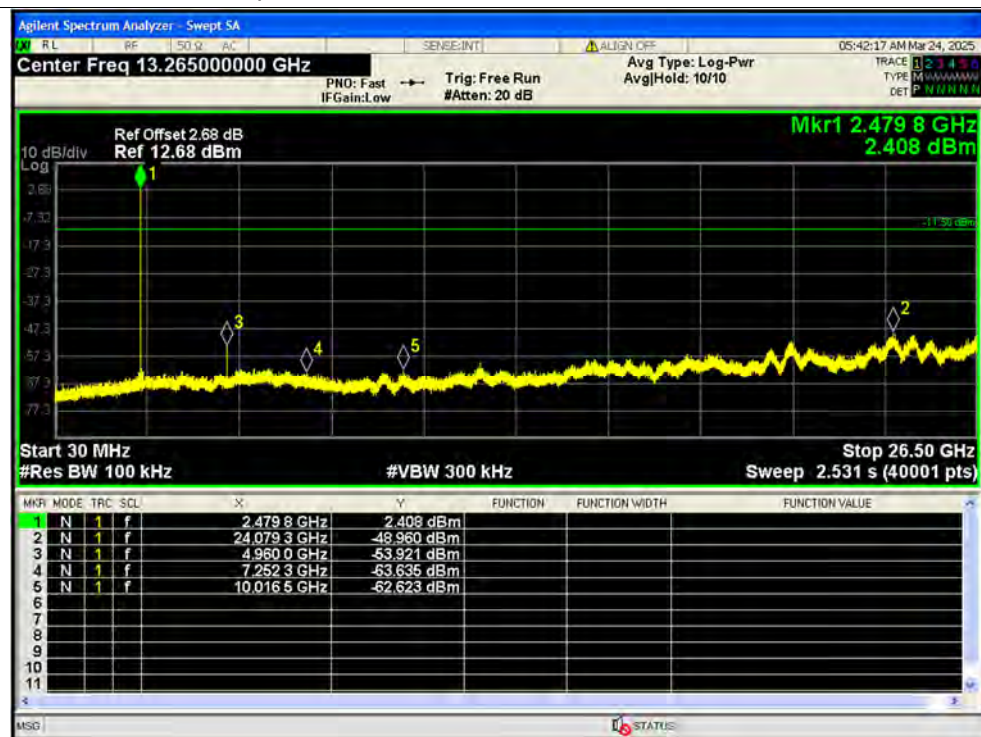
Tx. Spurious NVNT 3-DH5 2441MHz Ant1 Emission



Tx. Spurious NVNT 3-DH5 2480MHz Ant1 Ref



Tx. Spurious NVNT 3-DH5 2480MHz Ant1 Emission



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

Condition	Mode	Frequency (MHz)	Antenna	Hopping Mode	Max Value (dBc)	Limit (dBc)	Verdict
NVNT	1-DH5	2402	Ant1	No-Hopping	-59.11	-20	Pass
NVNT	1-DH5	2480	Ant1	No-Hopping	-62.96	-20	Pass
NVNT	2-DH5	2402	Ant1	No-Hopping	-57.04	-20	Pass
NVNT	2-DH5	2480	Ant1	No-Hopping	-63.91	-20	Pass
NVNT	3-DH5	2402	Ant1	No-Hopping	-57.21	-20	Pass
NVNT	3-DH5	2480	Ant1	No-Hopping	-64.75	-20	Pass
NVNT	1-DH5	2402	Ant1	Hopping	-59.13	-20	Pass
NVNT	1-DH5	2480	Ant1	Hopping	-63.39	-20	Pass
NVNT	2-DH5	2402	Ant1	Hopping	-62.52	-20	Pass
NVNT	2-DH5	2480	Ant1	Hopping	-61.96	-20	Pass
NVNT	3-DH5	2402	Ant1	Hopping	-60.7	-20	Pass
NVNT	3-DH5	2480	Ant1	Hopping	-61.61	-20	Pass

Right

Condition	Mode	Frequency (MHz)	Antenna	Hopping Mode	Max Value (dBc)	Limit (dBc)	Verdict
NVNT	1-DH5	2402	Ant1	No-Hopping	-61.06	-20	Pass
NVNT	1-DH5	2480	Ant1	No-Hopping	-63.36	-20	Pass
NVNT	2-DH5	2402	Ant1	No-Hopping	-57.54	-20	Pass
NVNT	2-DH5	2480	Ant1	No-Hopping	-62.82	-20	Pass
NVNT	3-DH5	2402	Ant1	No-Hopping	-57.57	-20	Pass
NVNT	3-DH5	2480	Ant1	No-Hopping	-64.32	-20	Pass
NVNT	1-DH5	2402	Ant1	Hopping	-60.74	-20	Pass
NVNT	1-DH5	2480	Ant1	Hopping	-63.24	-20	Pass
NVNT	2-DH5	2402	Ant1	Hopping	-61.94	-20	Pass
NVNT	2-DH5	2480	Ant1	Hopping	-59.94	-20	Pass
NVNT	3-DH5	2402	Ant1	Hopping	-61.65	-20	Pass
NVNT	3-DH5	2480	Ant1	Hopping	-60.97	-20	Pass

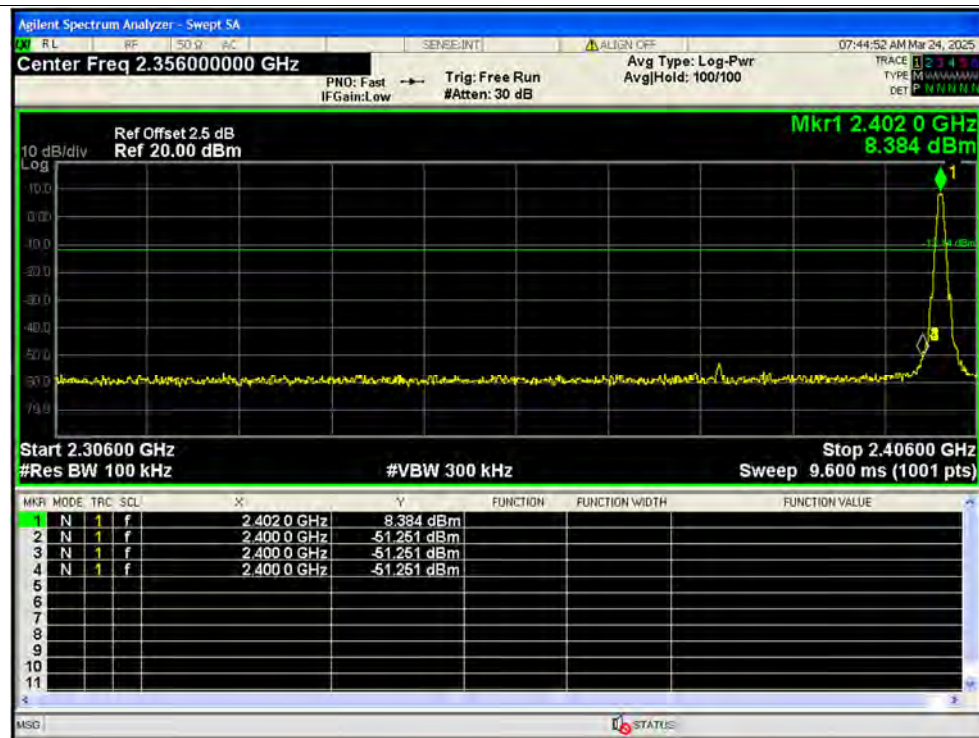
Left

Test Graphs

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



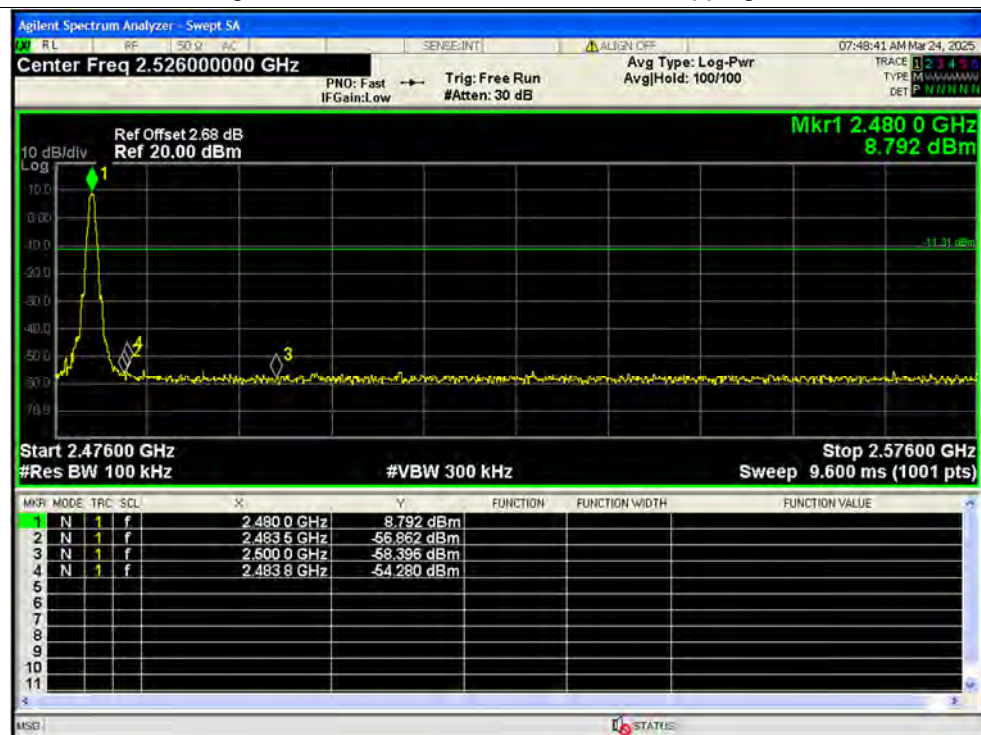
Band Edge NVNT 1-DH5 2402MHz Ant1 No-Hopping Emission



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



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

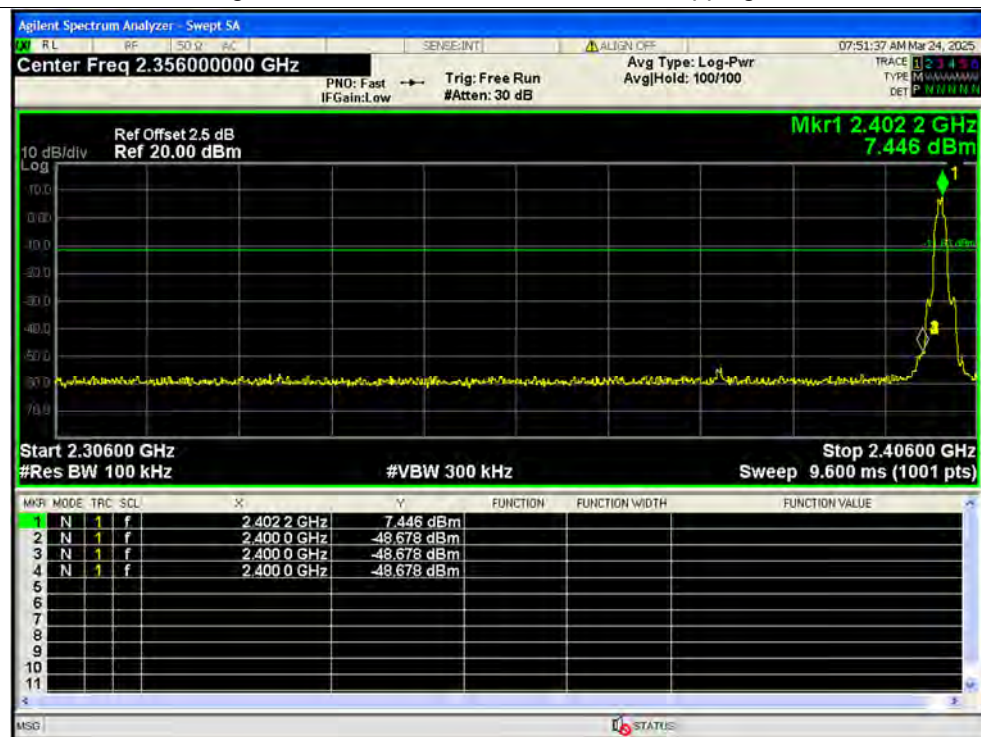




Band Edge NVNT 2-DH5 2402MHz Ant1 No-Hopping Ref



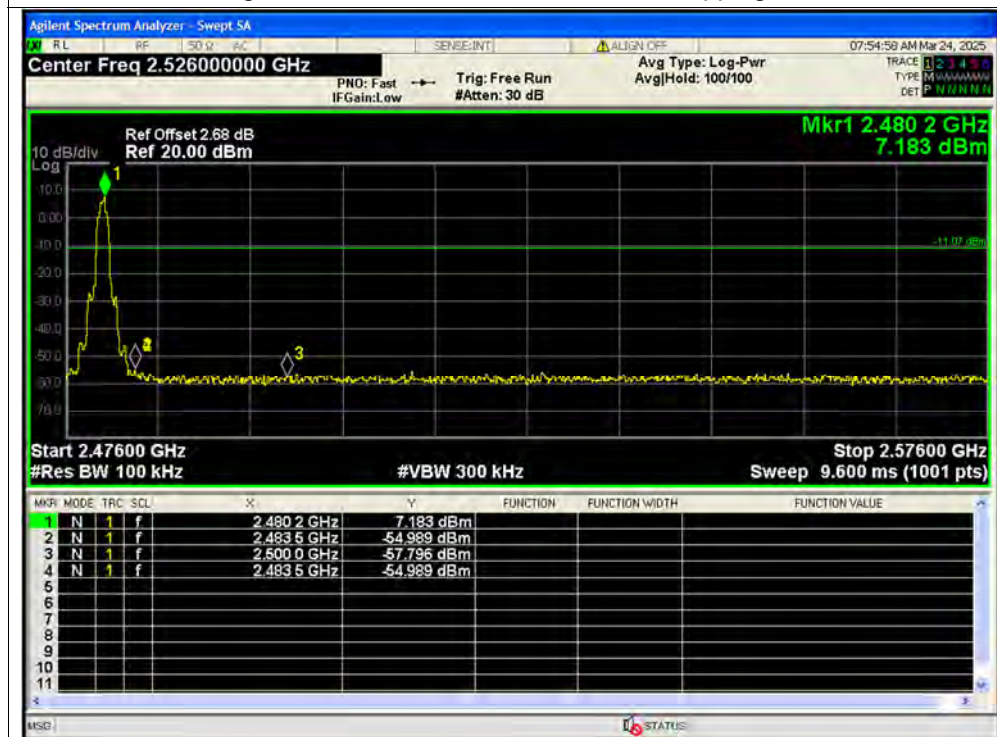
Band Edge NVNT 2-DH5 2402MHz Ant1 No-Hopping Emission



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



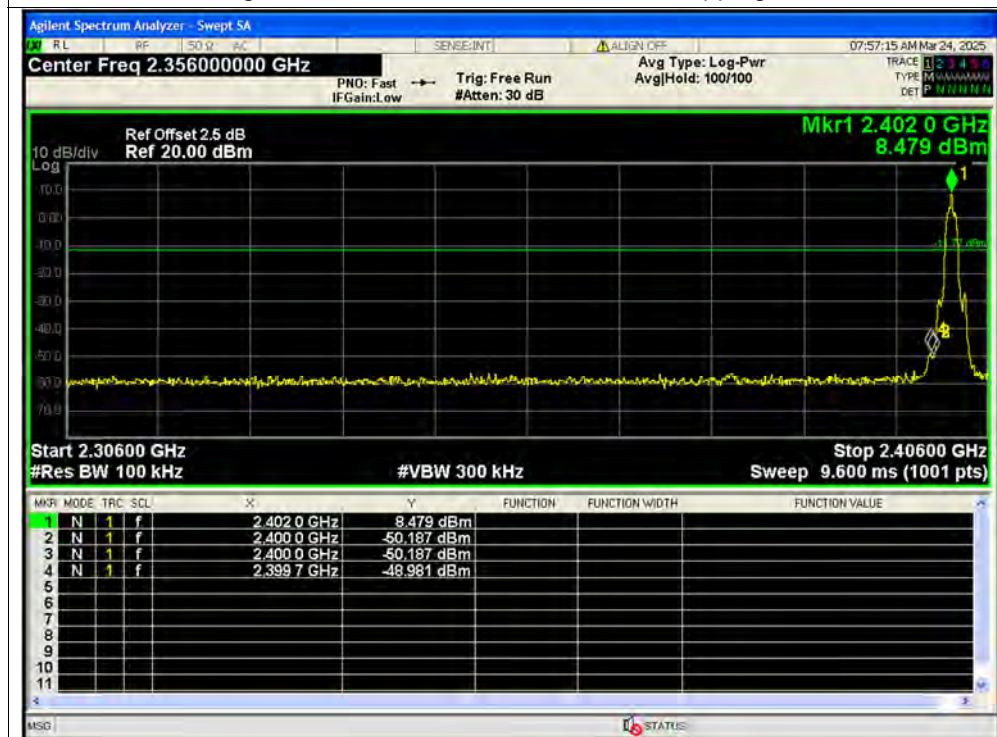
Band Edge NVNT 2-DH5 2480MHz Ant1 No-Hopping Emission



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



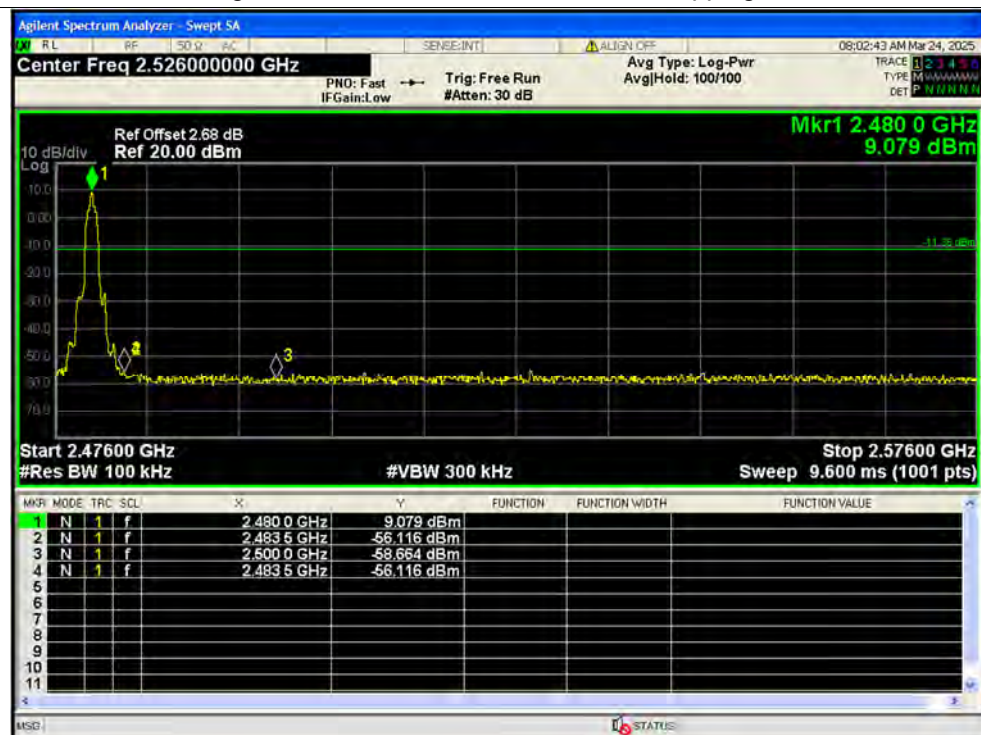
Band Edge NVNT 3-DH5 2402MHz Ant1 No-Hopping Emission



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



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

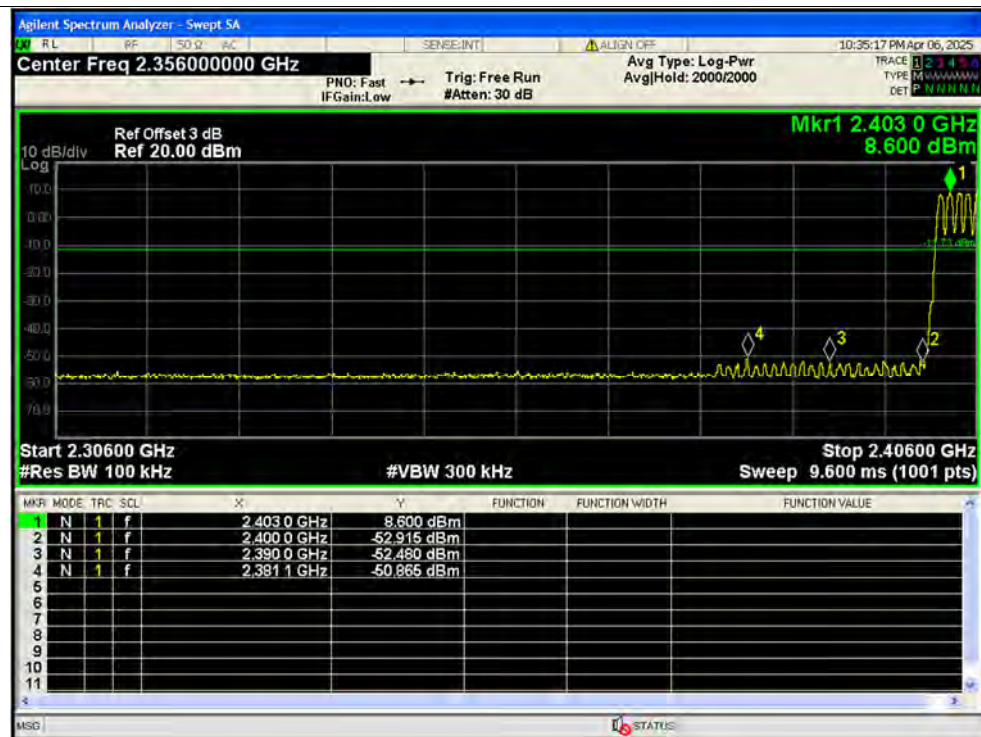


Test Graphs

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



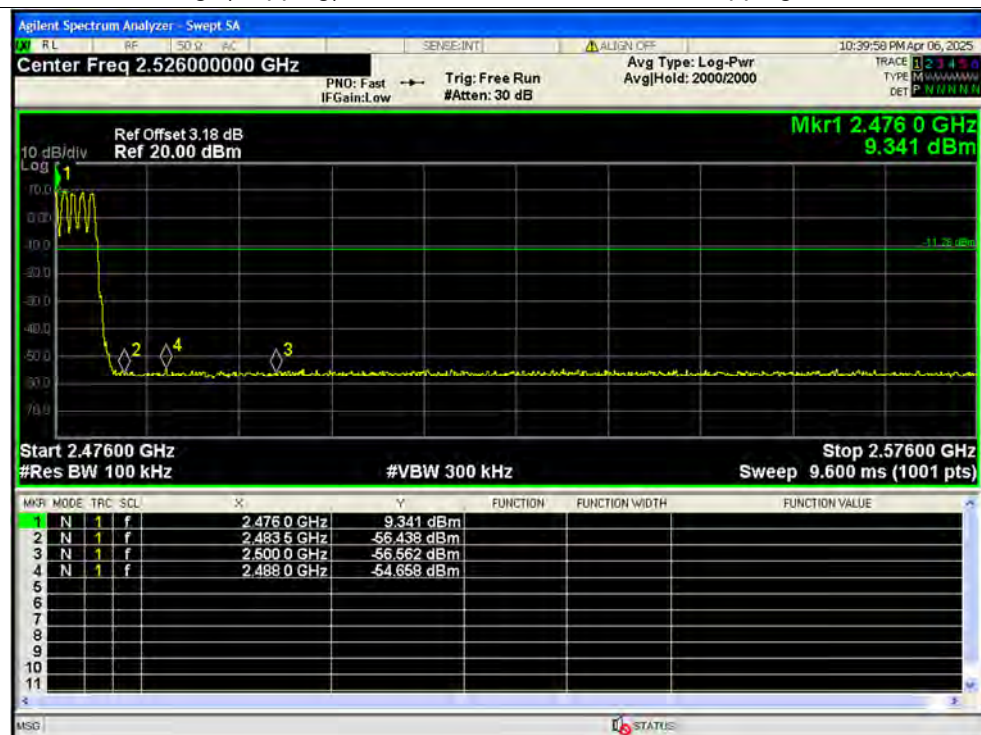
Band Edge(Hopping) NVNT 1-DH5 2402MHz Ant1 Hopping Emission



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



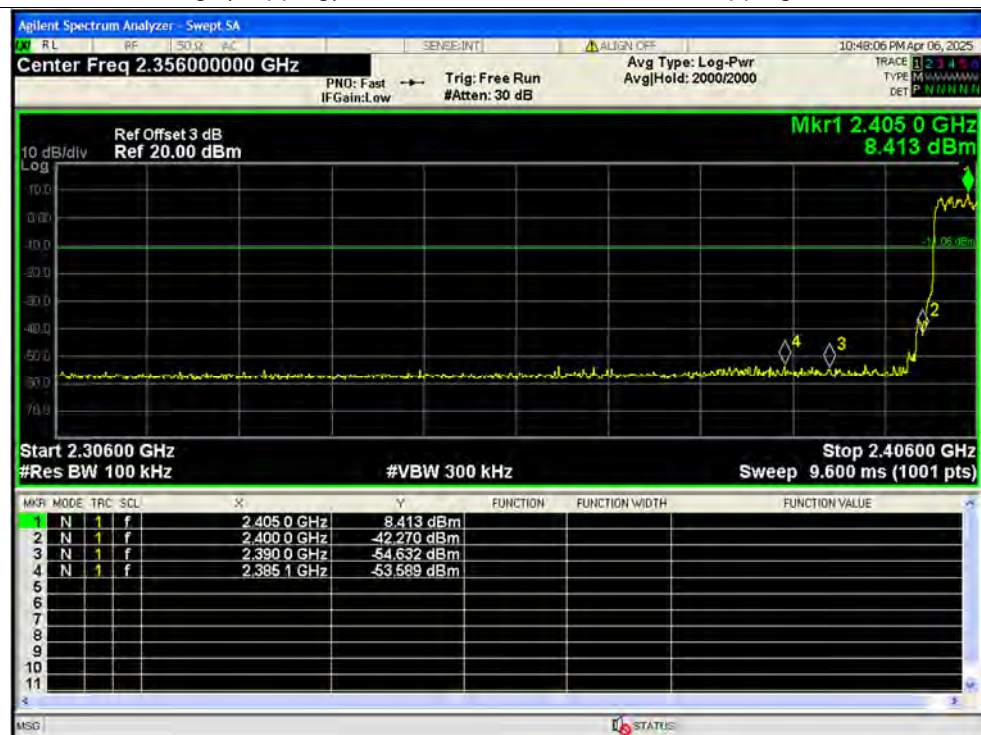
Band Edge(Hopping) NVNT 1-DH5 2480MHz Ant1 Hopping Emission



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



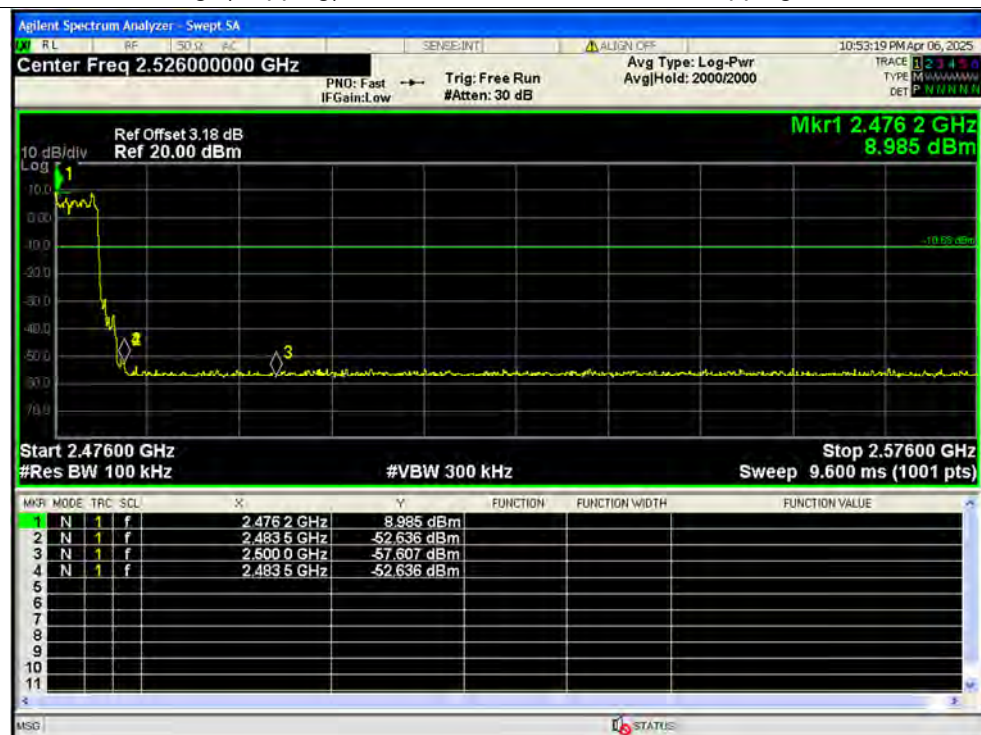
Band Edge(Hopping) NVNT 2-DH5 2402MHz Ant1 Hopping Emission



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



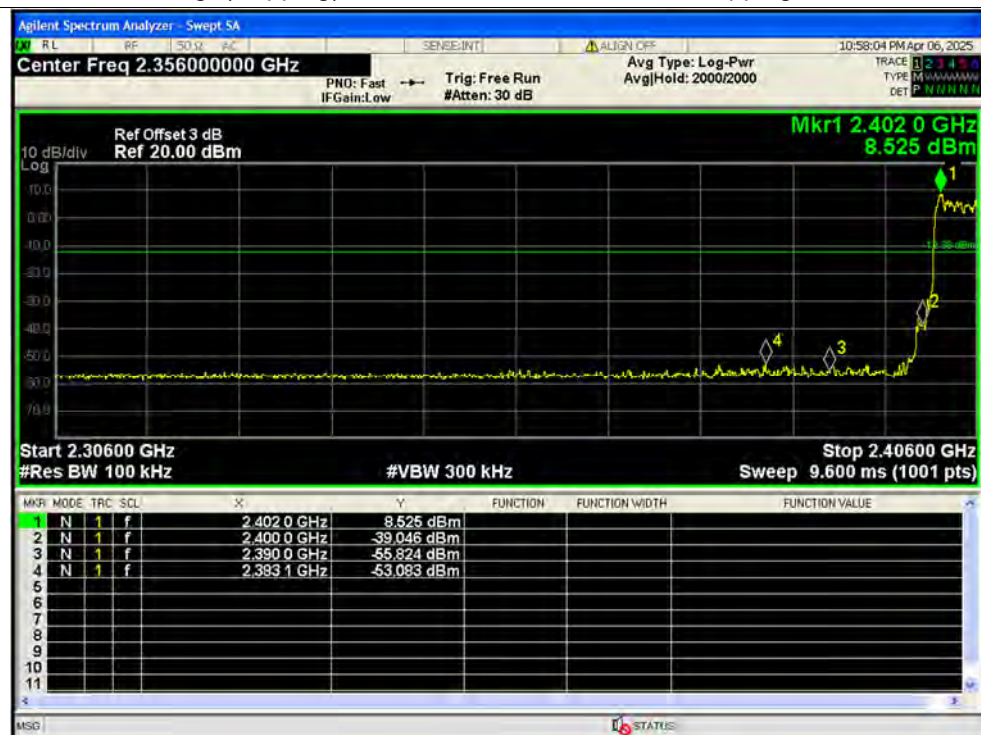
Band Edge(Hopping) NVNT 2-DH5 2480MHz Ant1 Hopping Emission



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



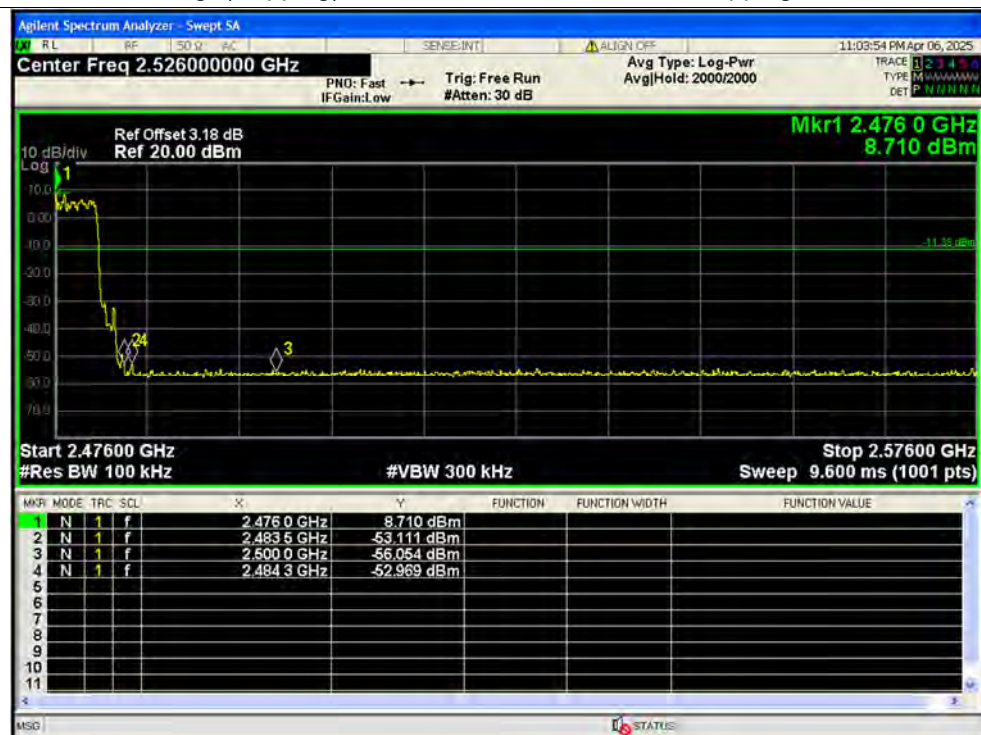
Band Edge(Hopping) NVNT 3-DH5 2402MHz Ant1 Hopping Emission



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



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



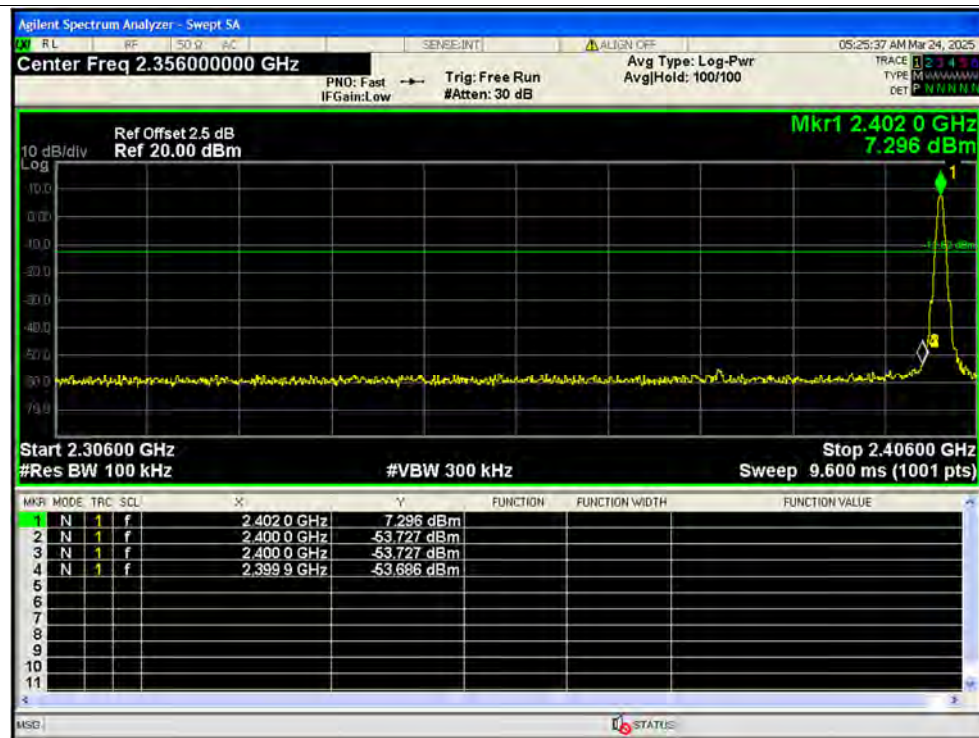
Right

Test Graphs

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



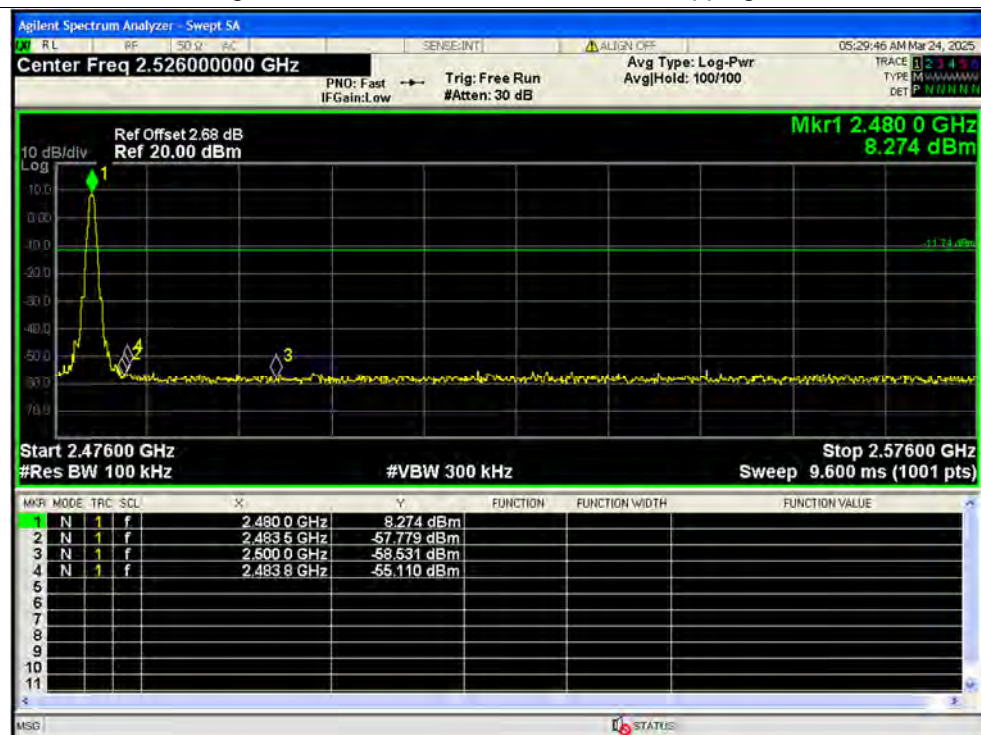
Band Edge NVNT 1-DH5 2402MHz Ant1 No-Hopping Emission



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



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

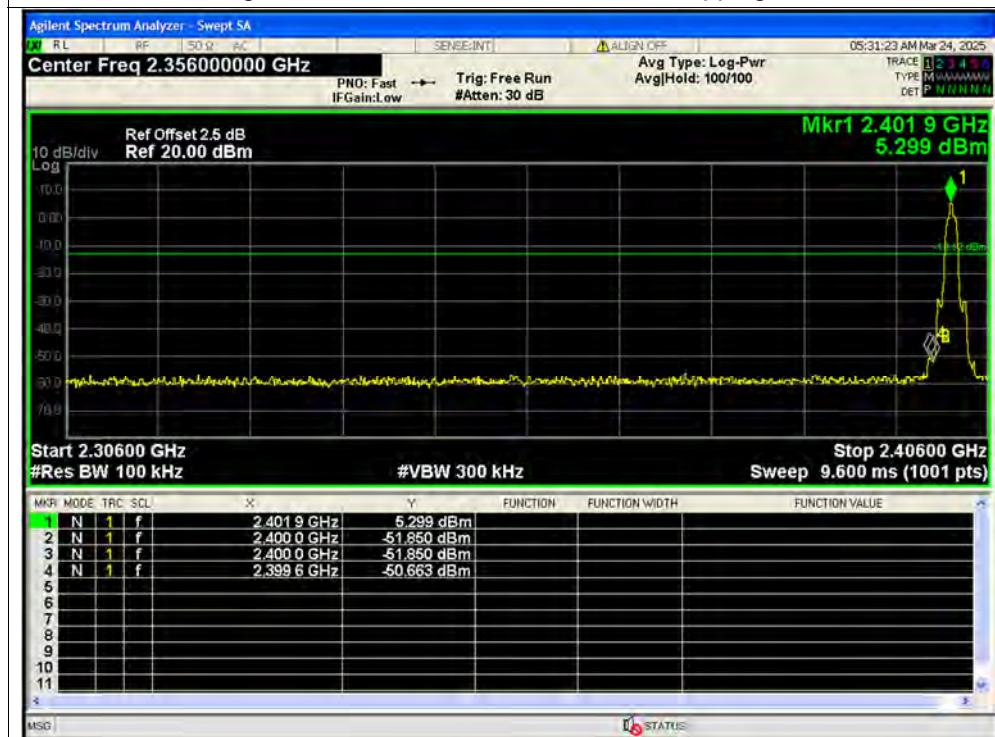




Band Edge NVNT 2-DH5 2402MHz Ant1 No-Hopping Ref



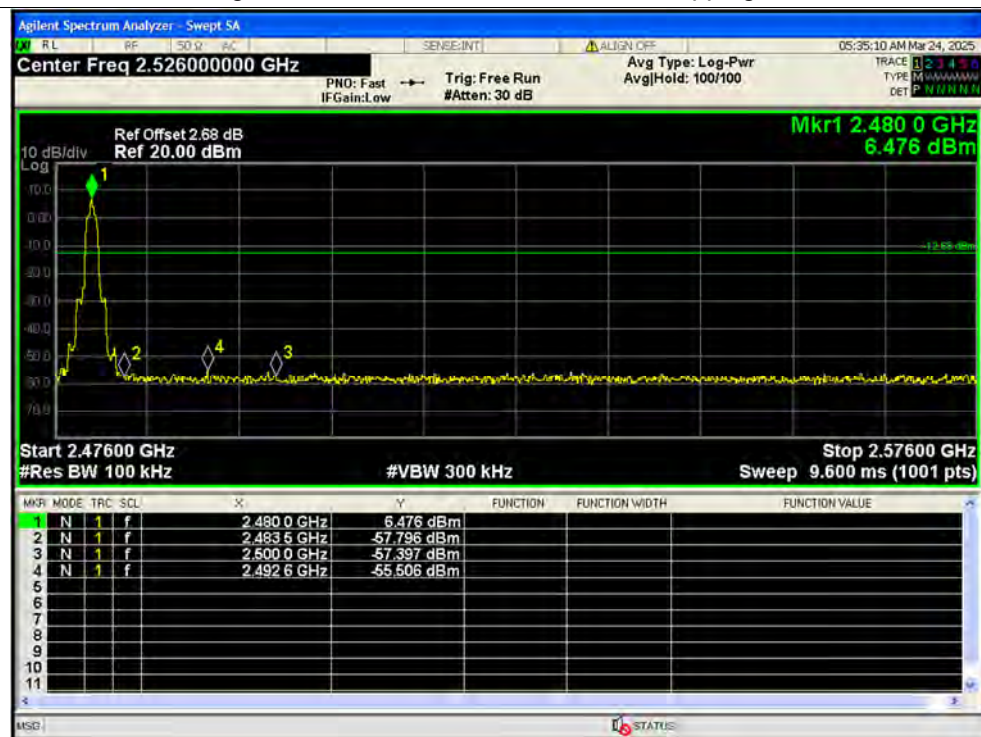
Band Edge NVNT 2-DH5 2402MHz Ant1 No-Hopping Emission



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



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

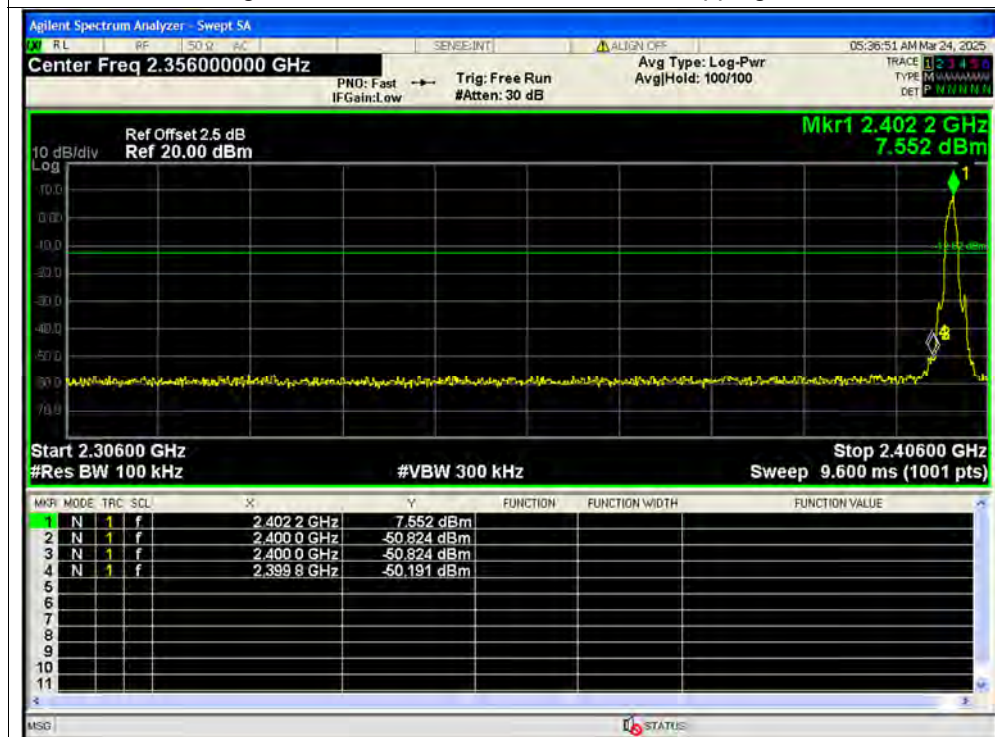




Band Edge NVNT 3-DH5 2402MHz Ant1 No-Hopping Ref



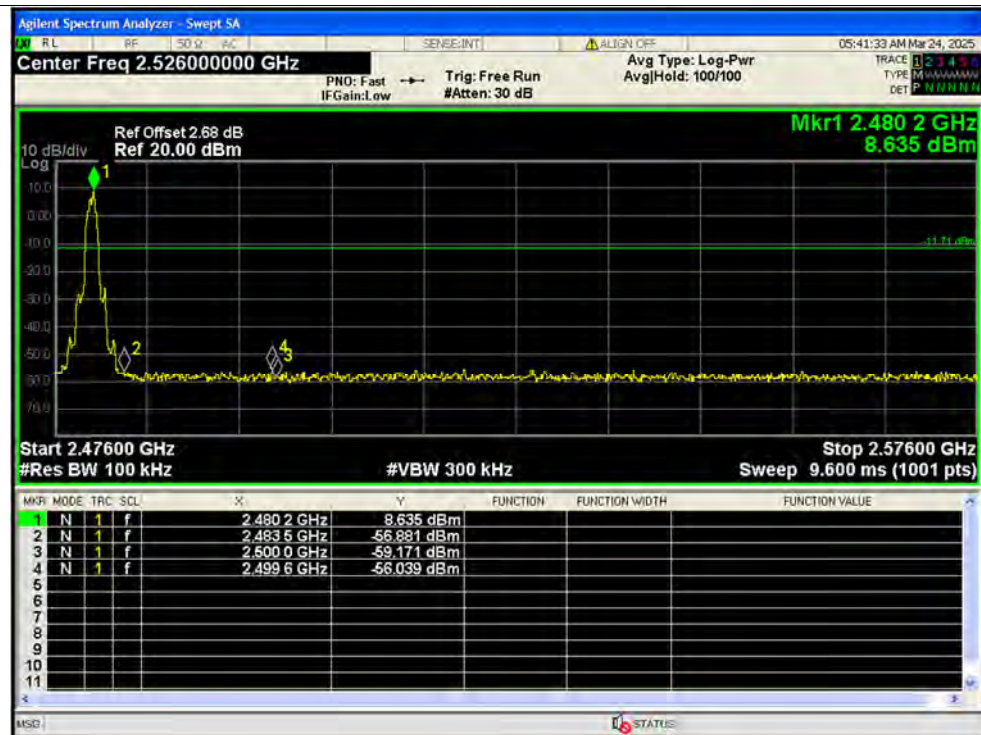
Band Edge NVNT 3-DH5 2402MHz Ant1 No-Hopping Emission



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



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

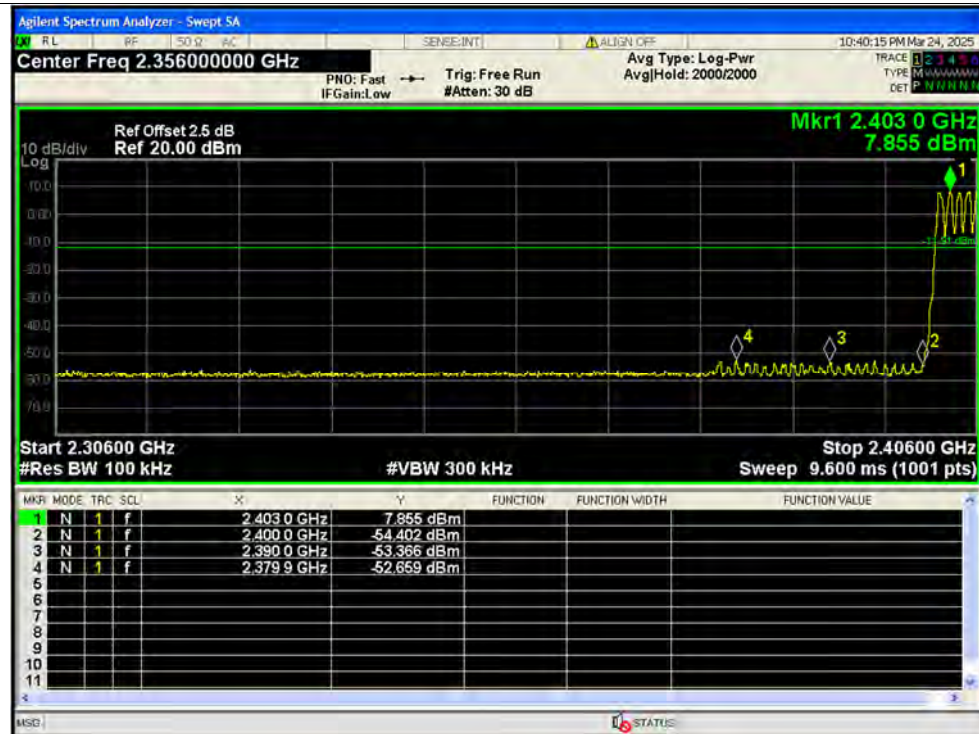


Test Graphs

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



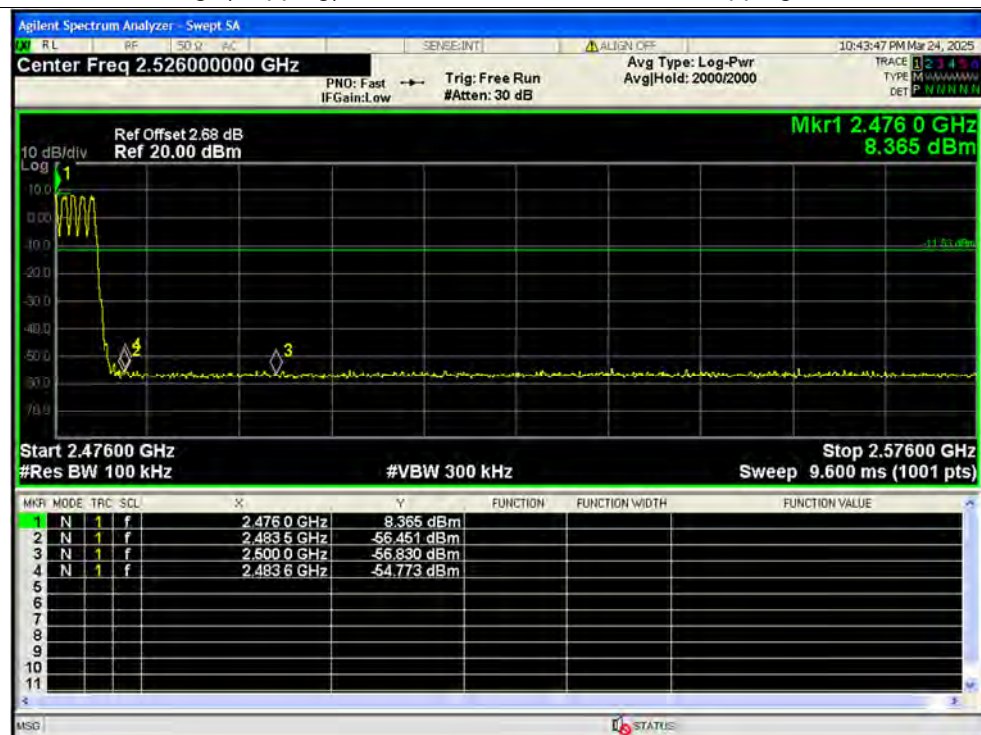
Band Edge(Hopping) NVNT 1-DH5 2402MHz Ant1 Hopping Emission



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



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

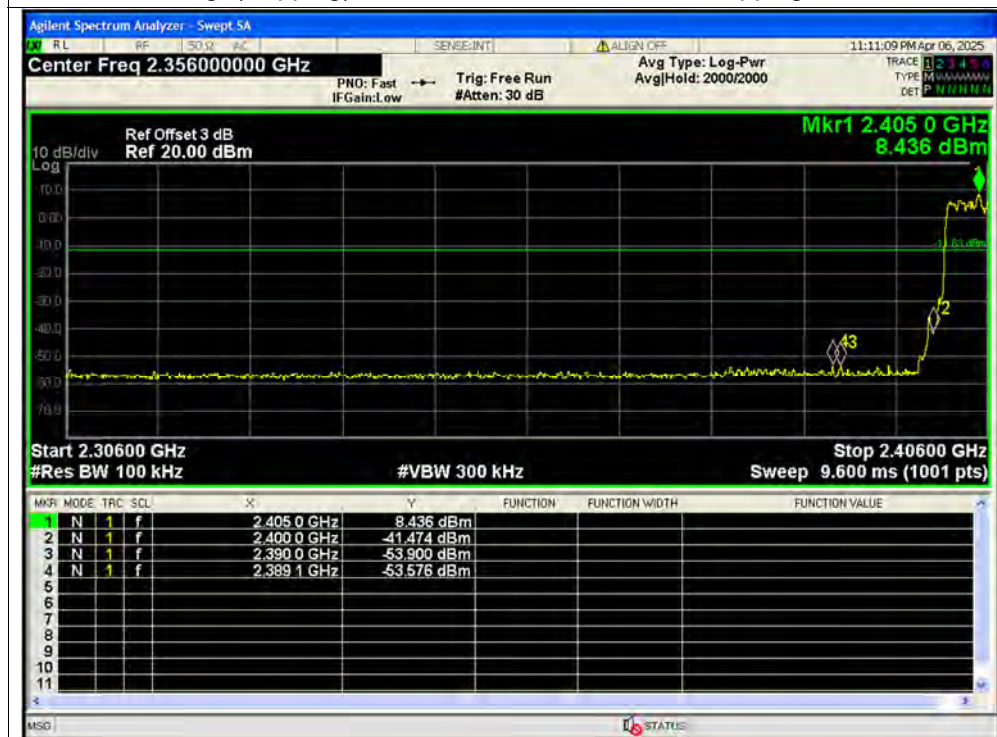




Band Edge(Hopping) NVNT 2-DH5 2402MHz Ant1 Hopping Ref



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

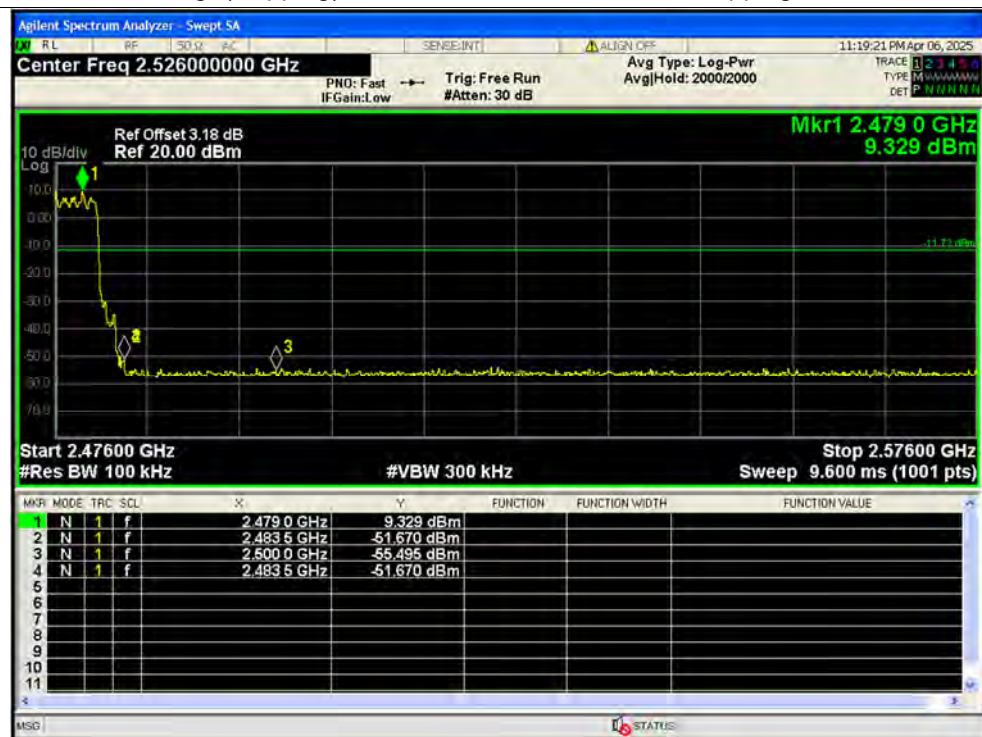




Band Edge(Hopping) NVNT 2-DH5 2480MHz Ant1 Hopping Ref



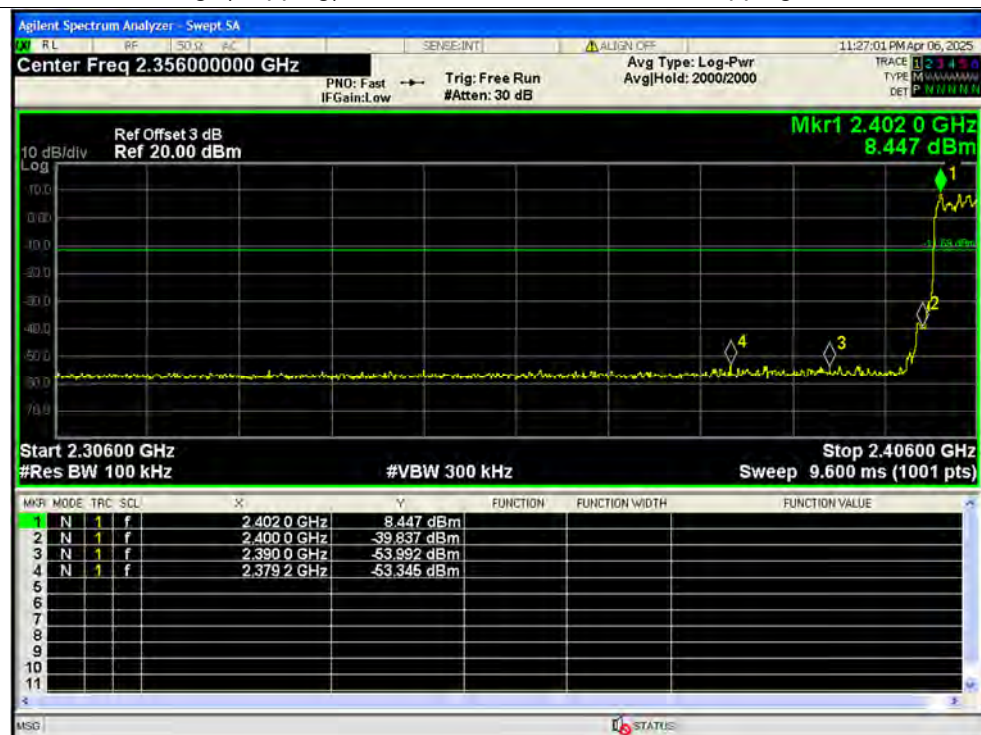
Band Edge(Hopping) NVNT 2-DH5 2480MHz Ant1 Hopping Emission



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



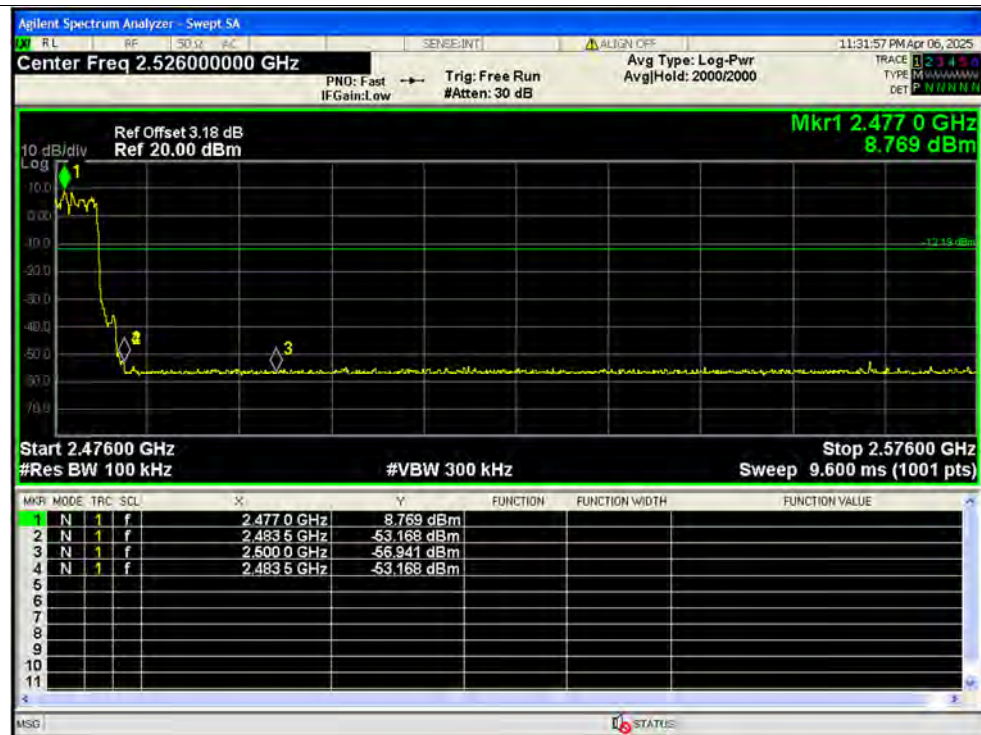
Band Edge(Hopping) NVNT 3-DH5 2402MHz Ant1 Hopping Emission



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



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





A.10. Conducted Emission

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

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

A. Test Setup:

Test Mode: EUT (Earphone)+Serial port board+Fixed frequency box+PC+PC Adapter+BT TX

Test voltage: AC 120V/60Hz

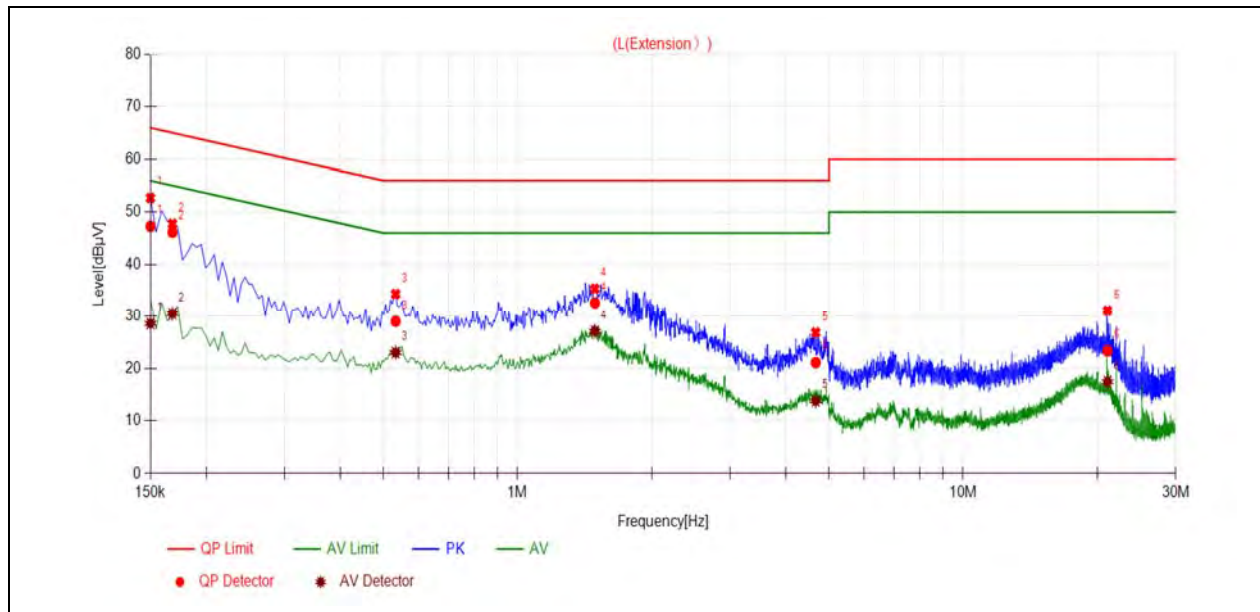
The measurement results are obtained as below:

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

U_R : Receiver Reading

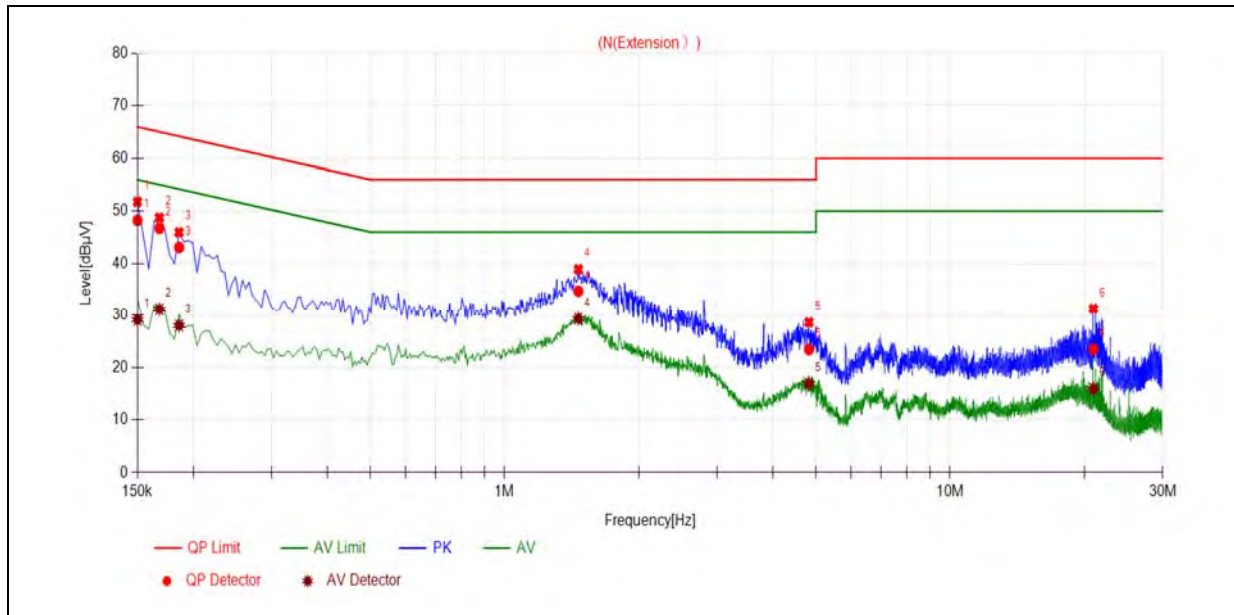
A_{Factor} : Voltage division factor of LISN

B. Test Plot:



(L Phase)

No.	Fre. (MHz)	Emission Level (dBμV)		Limit (dBμV)		Power-line	Verdict
		Quai-peak	Average	Quai-peak	Average		
1	0.1500	47.31	28.59	66.00	56.00	Line	PASS
2	0.1680	46.17	30.53	65.06	55.06		PASS
3	0.5325	29.02	23.01	56.00	46.00		PASS
4	1.4911	32.63	27.09	56.00	46.00		PASS
5	4.6680	21.09	13.77	56.00	46.00		PASS
6	21.0938	23.32	17.42	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	48.27	29.12	66.00	56.00	Neutral	PASS
2	0.1680	46.73	31.19	65.06	55.06		PASS
3	0.1860	43.10	28.03	64.21	54.21		PASS
4	1.4639	34.70	29.34	56.00	46.00		PASS
5	4.8213	23.39	16.88	56.00	46.00		PASS
6	20.9684	23.46	15.89	60.00	50.00		PASS

A.11. Restricted Frequency Bands

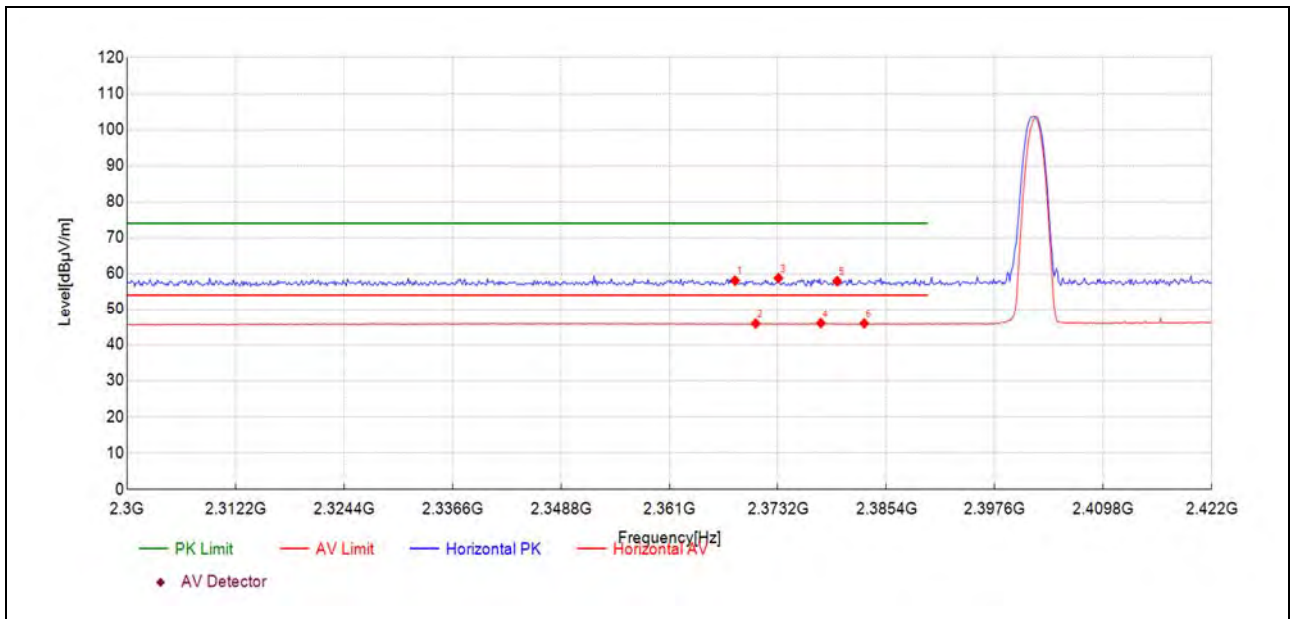
Note 1: Restricted Frequency Bands were performed when antenna was at vertical and horizontal polarity, and only the worse test condition (Horizontal) was recorded in this test report.

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

Left

GFSK Mode

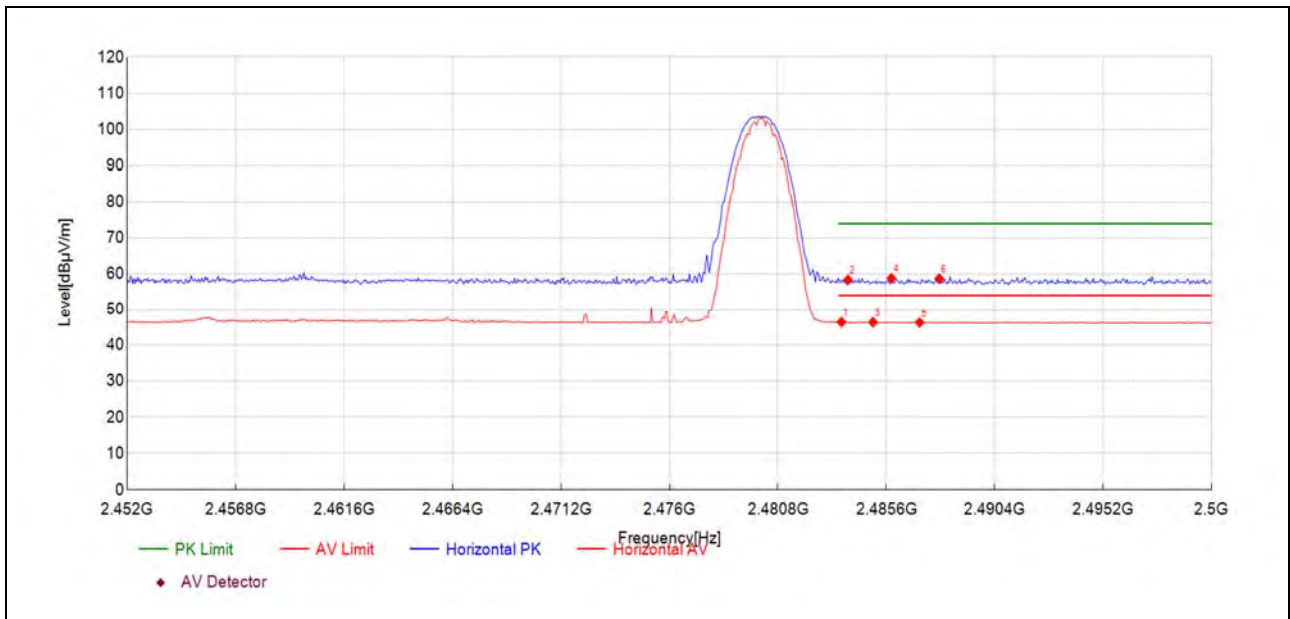
Plot for Channel 20



Fre. (MHz)	Reading [dBμV]	Level [dBμV/m]	Factor [dB/m]	Limit [dBμV/m]	Margin [dB]	Height [cm]	Angle [°]	Detector	Verdict
2368.39	20.6	58.10	37.470	74.00	15.90	150	359	PK	PASS
2370.71	8.4	45.90	37.470	54.00	8.10	150	340	AV	PASS
2373.27	21.3	58.79	37.480	74.00	15.21	150	164	PK	PASS
2378.04	8.6	46.03	37.480	54.00	7.97	150	218	AV	PASS
2379.87	20.5	57.93	37.480	74.00	16.07	150	97	PK	PASS
2382.92	8.5	45.93	37.480	54.00	8.07	150	344	AV	PASS



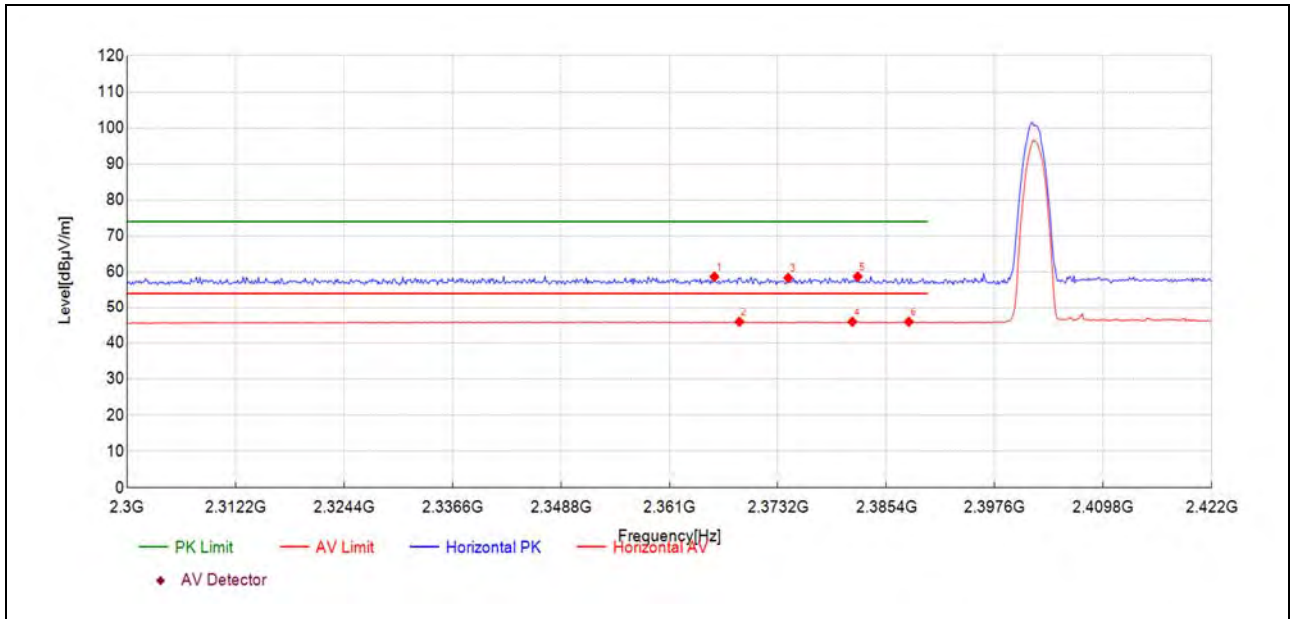
Plot for Channel 78



Fre. (MHz)	Reading [dBμV]	Level [dBμV/m]	Factor [dB/m]	Limit [dBμV/m]	Margin [dB]	Height [cm]	Angle [°]	Detector	Verdict
2483.62	8.1	46.42	38.280	54.00	7.58	150	212	AV	PASS
2483.90	20.1	58.39	38.270	74.00	15.61	150	212	PK	PASS
2485.01	8.1	46.38	38.270	54.00	7.62	150	226	AV	PASS
2485.83	20.6	58.82	38.270	74.00	15.18	150	9	PK	PASS
2487.08	8.0	46.31	38.270	54.00	7.69	150	319	AV	PASS
2487.94	20.5	58.72	38.270	74.00	15.28	150	359	PK	PASS

**8-DPSK Mode**

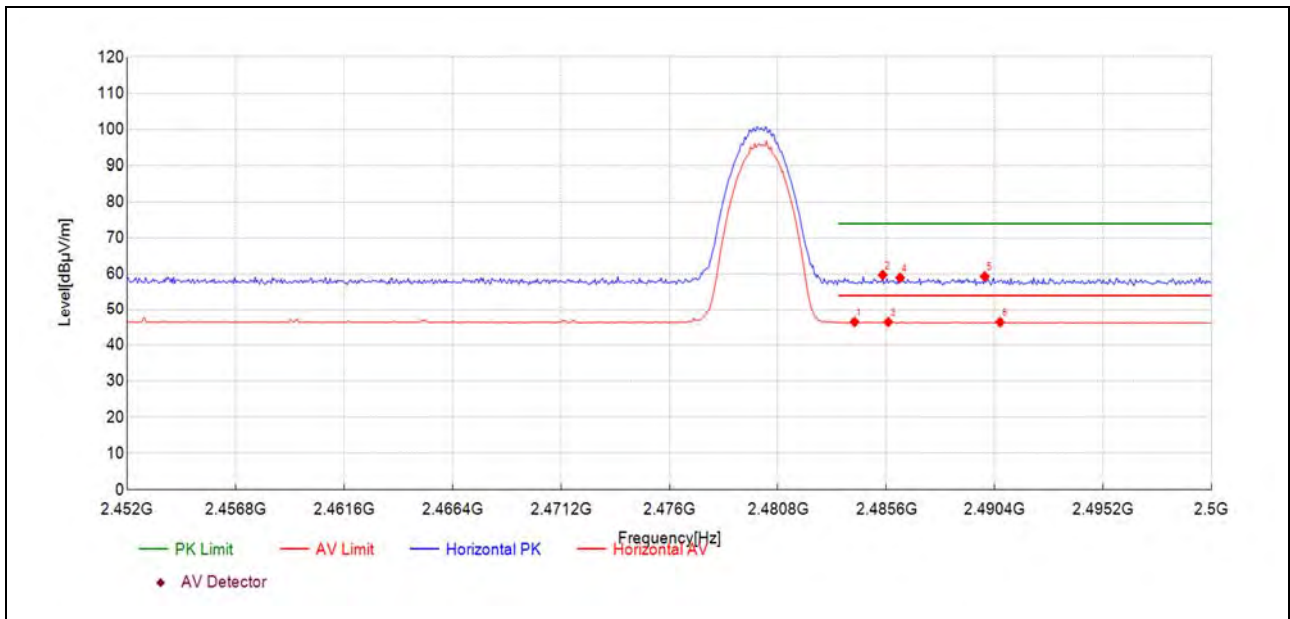
Plot for Channel 0



Fre. (MHz)	Reading [dBμV]	Level [dBμV/m]	Factor [dB/m]	Limit [dBμV/m]	Margin [dB]	Height [cm]	Angle [°]	Detector	Verdict
2366.07	21.2	58.70	37.470	74.00	15.30	150	133	PK	PASS
2368.88	8.5	45.92	37.470	54.00	8.08	150	300	AV	PASS
2374.37	20.9	58.33	37.480	74.00	15.67	150	18	PK	PASS
2381.58	8.4	45.92	37.480	54.00	8.08	150	54	AV	PASS
2382.19	21.3	58.75	37.480	74.00	15.25	150	222	PK	PASS
2387.93	8.4	45.93	37.490	54.00	8.07	150	44	AV	PASS



Plot for Channel 78



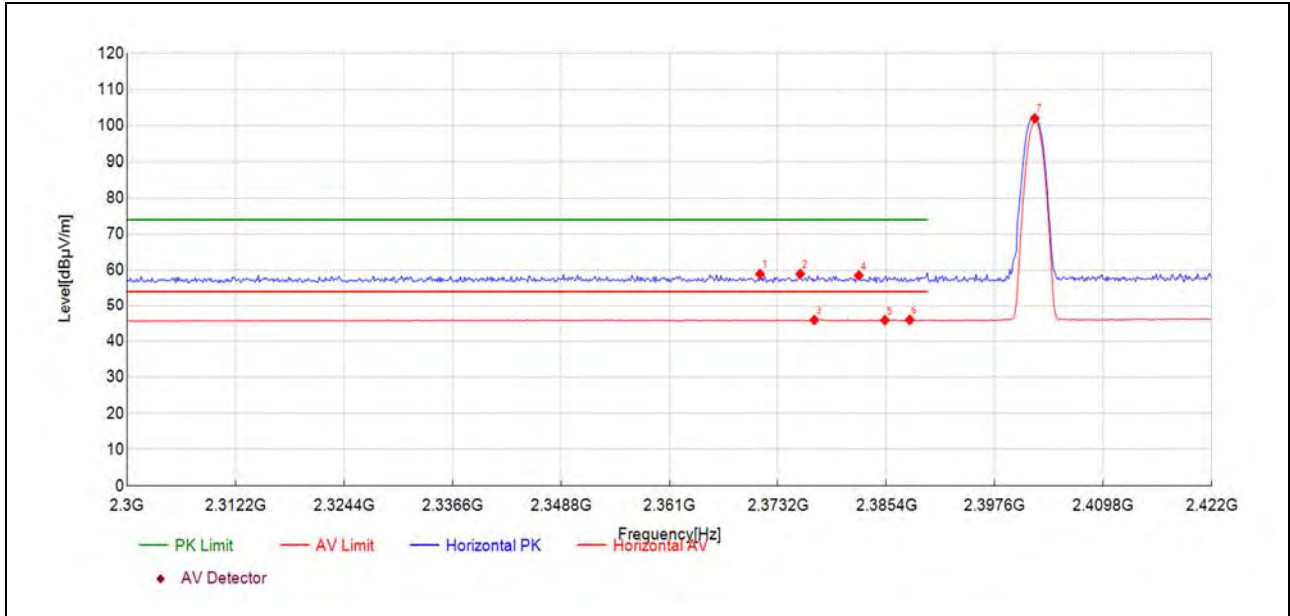
Fre. (MHz)	Reading [dBμV]	Level [dBμV/m]	Factor [dB/m]	Limit [dBμV/m]	Margin [dB]	Height [cm]	Angle [°]	Detector	Verdict
2484.19	8.2	46.43	38.270	54.00	7.57	150	280	AV	PASS
2485.44	21.5	59.74	38.270	74.00	14.26	150	45	PK	PASS
2485.68	8.2	46.42	38.270	54.00	7.58	150	316	AV	PASS
2486.21	20.7	58.99	38.280	74.00	15.01	150	222	PK	PASS
2489.96	21.1	59.35	38.260	74.00	14.65	150	147	PK	PASS
2490.63	8.1	46.38	38.270	54.00	7.62	150	351	AV	PASS



Right

GFSK Mode

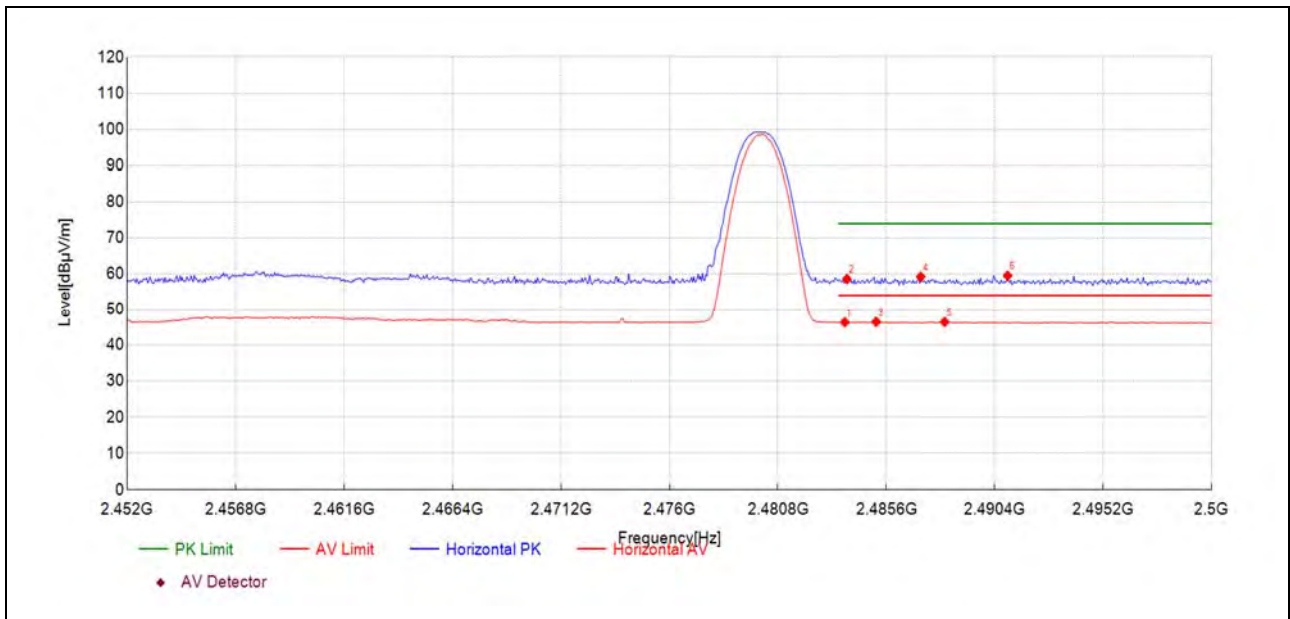
Plot for Channel 0



Fre. (MHz)	Reading [dBμV]	Level [dBμV/m]	Factor [dB/m]	Limit [dBμV/m]	Margin [dB]	Height [cm]	Angle [°]	Detector	Verdict
2371.20	21.5	58.94	37.470	74.00	15.06	150	238	PK	PASS
2375.72	21.5	58.96	37.480	74.00	15.04	150	168	PK	PASS
2377.30	8.4	45.91	37.480	54.00	8.09	150	221	AV	PASS
2382.31	21.1	58.53	37.480	74.00	15.47	150	189	PK	PASS
2385.24	8.4	45.87	37.490	54.00	8.13	150	11	AV	PASS
2388.05	8.5	45.94	37.490	54.00	8.06	150	279	AV	PASS
2402.09	64.5	101.99	37.540	-	-	150	319	PK	NA



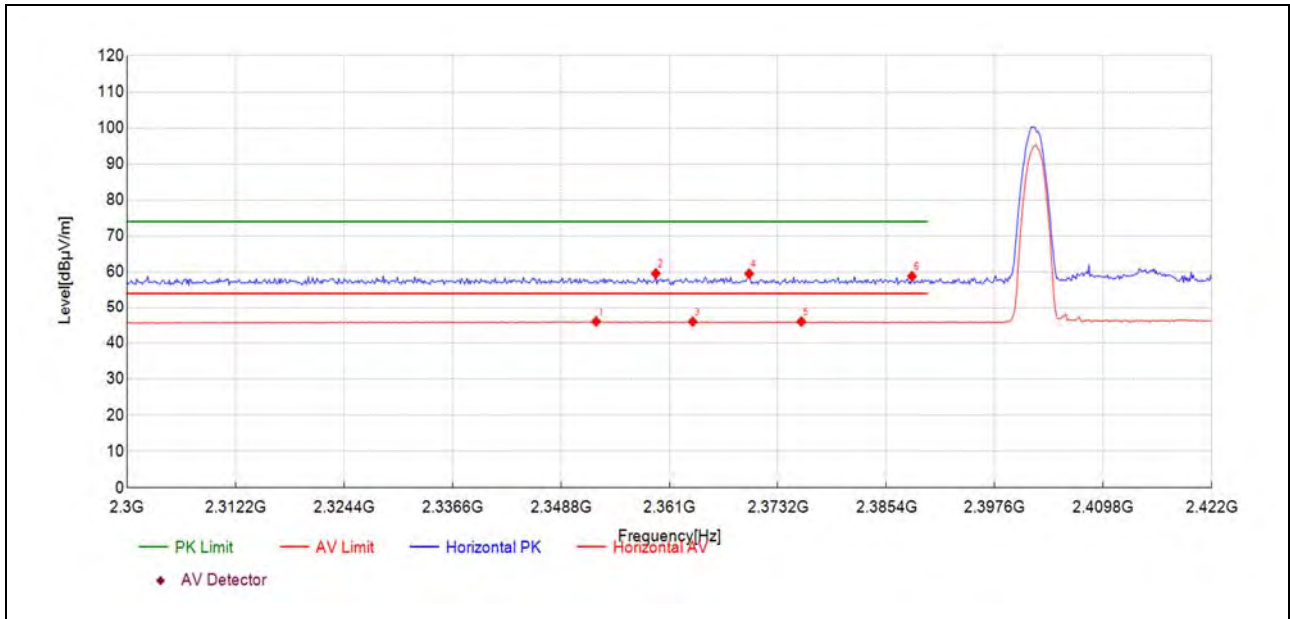
Plot for Channel 78



Fre. (MHz)	Reading [dBμV]	Level [dBμV/m]	Factor [dB/m]	Limit [dBμV/m]	Margin [dB]	Height [cm]	Angle [°]	Detector	Verdict
2483.76	8.1	46.37	38.270	54.00	7.63	150	222	AV	PASS
2483.86	20.3	58.61	38.270	74.00	15.39	150	95	PK	PASS
2485.15	8.2	46.50	38.270	54.00	7.50	150	105	AV	PASS
2487.12	21.0	59.25	38.270	74.00	14.75	150	324	PK	PASS
2488.18	8.2	46.45	38.270	54.00	7.55	150	350	AV	PASS
2490.97	21.3	59.54	38.270	74.00	14.46	150	302	PK	PASS

**8-DPSK Mode**

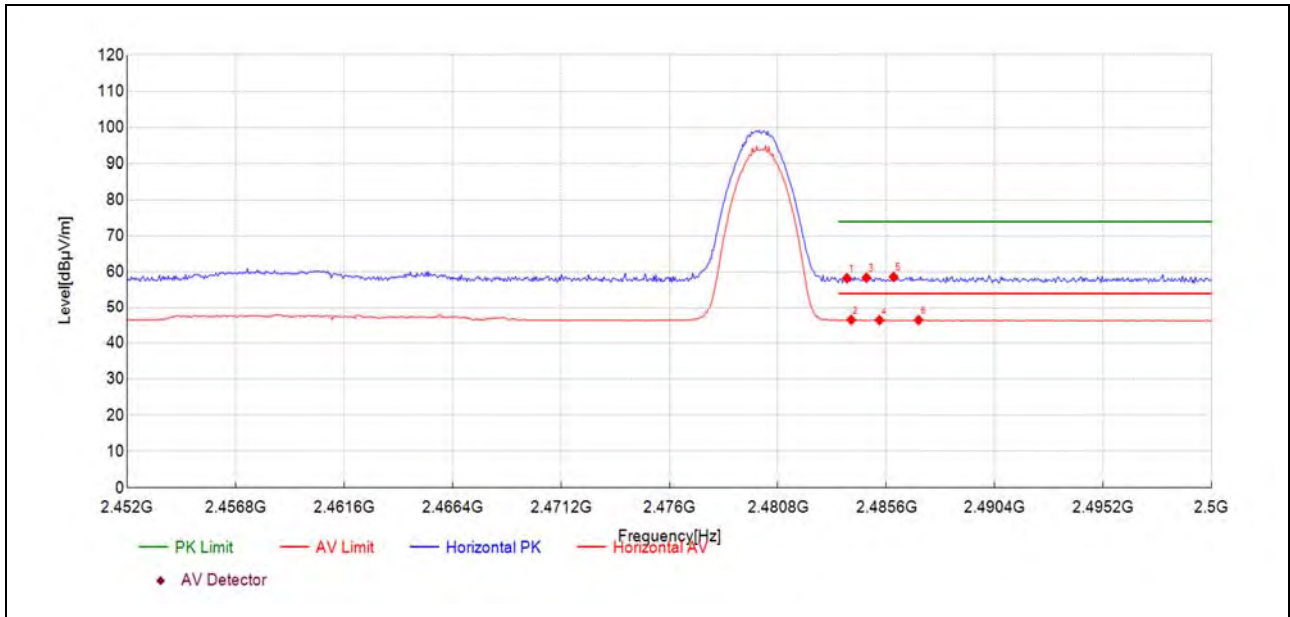
Plot for Channel 0



Fre. (MHz)	Reading [dBμV]	Level [dBμV/m]	Factor [dB/m]	Limit [dBμV/m]	Margin [dB]	Height [cm]	Angle [°]	Detector	Verdict
2352.76	8.5	46.00	37.460	54.00	8.00	150	142	AV	PASS
2359.47	22.1	59.60	37.460	74.00	14.40	150	75	PK	PASS
2363.63	8.5	45.93	37.470	54.00	8.07	150	275	AV	PASS
2369.98	22.1	59.55	37.470	74.00	14.45	150	1	PK	PASS
2375.84	8.5	45.97	37.480	54.00	8.03	150	57	AV	PASS
2388.29	21.4	58.84	37.490	74.00	15.16	150	39	PK	PASS



Plot for Channel 78



Fre. (MHz)	Reading [dBμV]	Level [dBμV/m]	Factor [dB/m]	Limit [dBμV/m]	Margin [dB]	Height [cm]	Angle [°]	Detector	Verdict
2483.86	20.0	58.29	38.270	74.00	15.71	150	255	PK	PASS
2484.05	8.2	46.45	38.270	54.00	7.55	150	111	AV	PASS
2484.72	20.2	58.43	38.270	74.00	15.57	150	111	PK	PASS
2485.30	8.1	46.37	38.270	54.00	7.63	150	205	AV	PASS
2485.92	20.4	58.65	38.270	74.00	15.35	150	16	PK	PASS
2487.03	8.1	46.39	38.270	54.00	7.61	150	183	AV	PASS



A.12. Radiated Emission

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

The measurement results are obtained as below:

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

A_T : Total correction Factor except Antenna

U_R : Receiver Reading

G_{preamp} : Preamplifier Gain

A_{Factor} : Antenna Factor at 3m

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

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

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

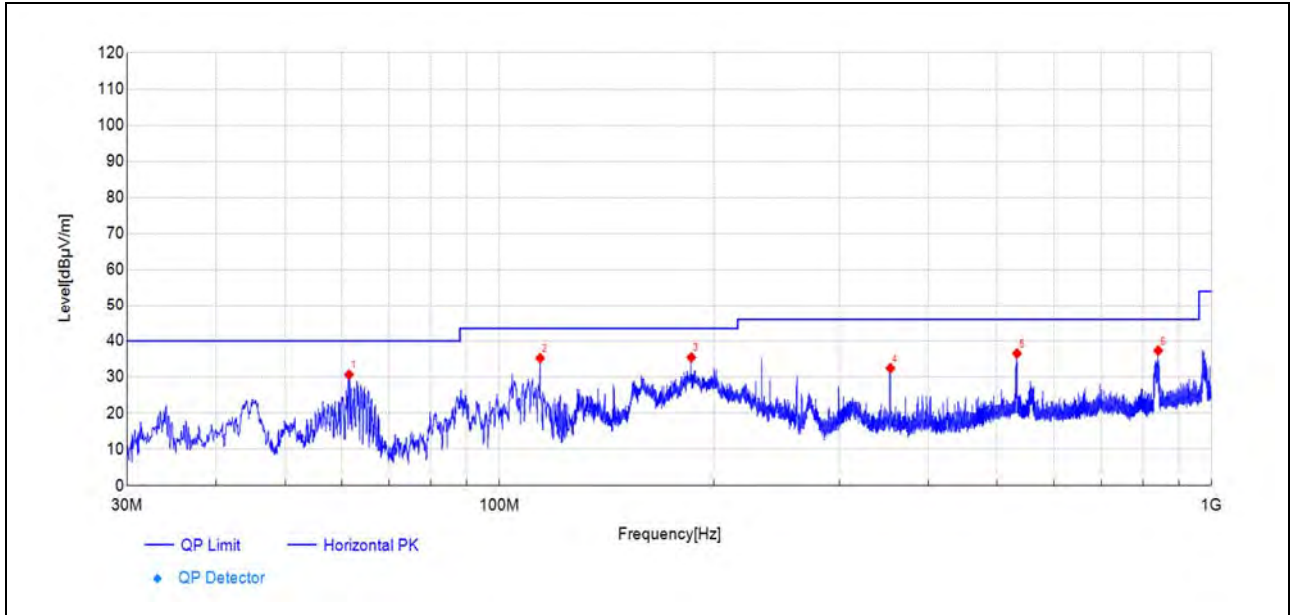
Note3: For the frequency, which started from 18GHz to 10th harmonic of the highest frequency, was pre-scanned and the result which was 20dB lower than the limit was not recorded.

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

Left

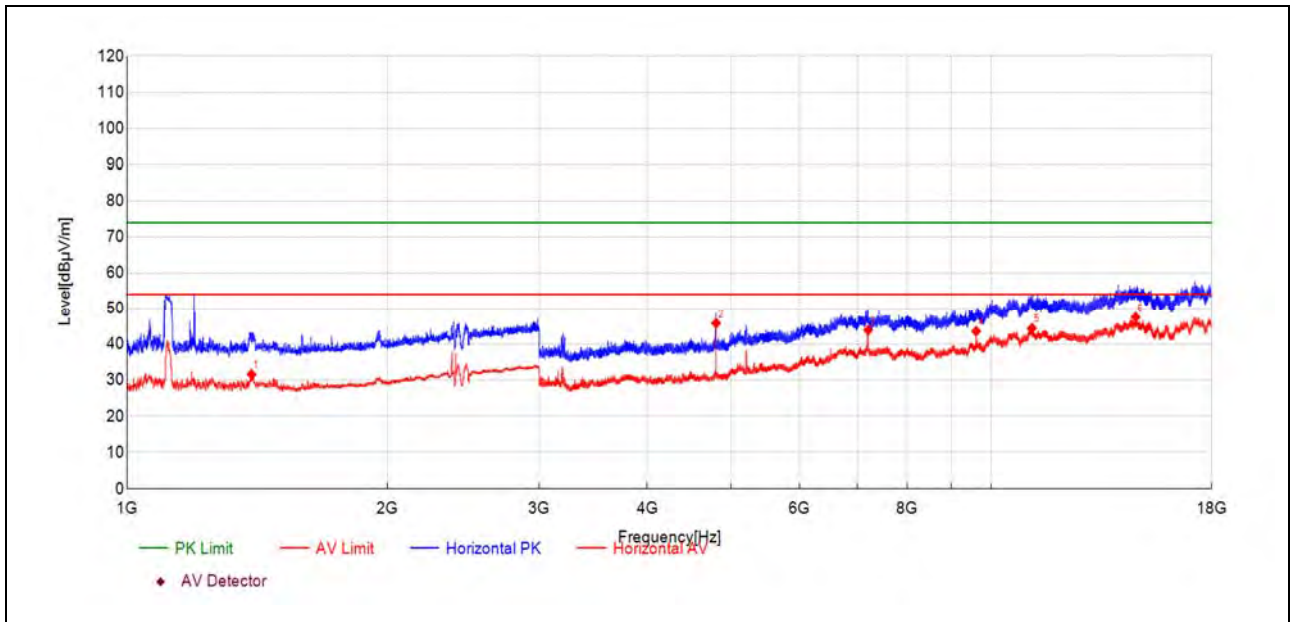
GFSK Mode

Plot for Channel 0



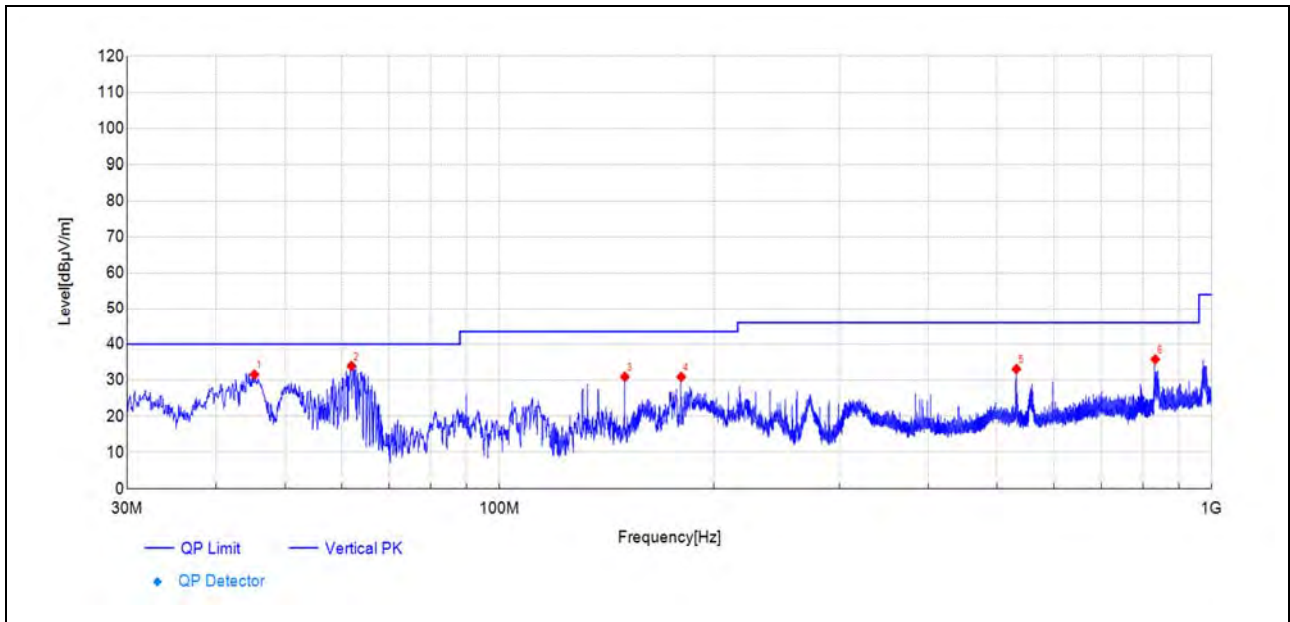
(Antenna Horizontal, 30MHz to 1GHz)

Fre. (MHz)	Reading [dBμV]	Level [dBμV/m]	Factor [dB/m]	Limit [dBμV/m]	Margin [dB]	Height [cm]	Angle [°]	Detector	Verdict
61.48	59.4	30.66	-28.690	40.00	9.34	150	60	PK	PASS
114.05	64.8	35.25	-29.570	43.50	8.25	150	233	PK	PASS
185.94	65.7	35.45	-30.270	43.50	8.05	150	133	PK	PASS
353.95	56.2	32.47	-23.690	46.00	13.53	150	139	PK	PASS
532.87	55.5	36.54	-19.000	46.00	9.46	150	144	PK	PASS
841.11	51.3	37.36	-13.940	46.00	8.64	150	87	PK	PASS



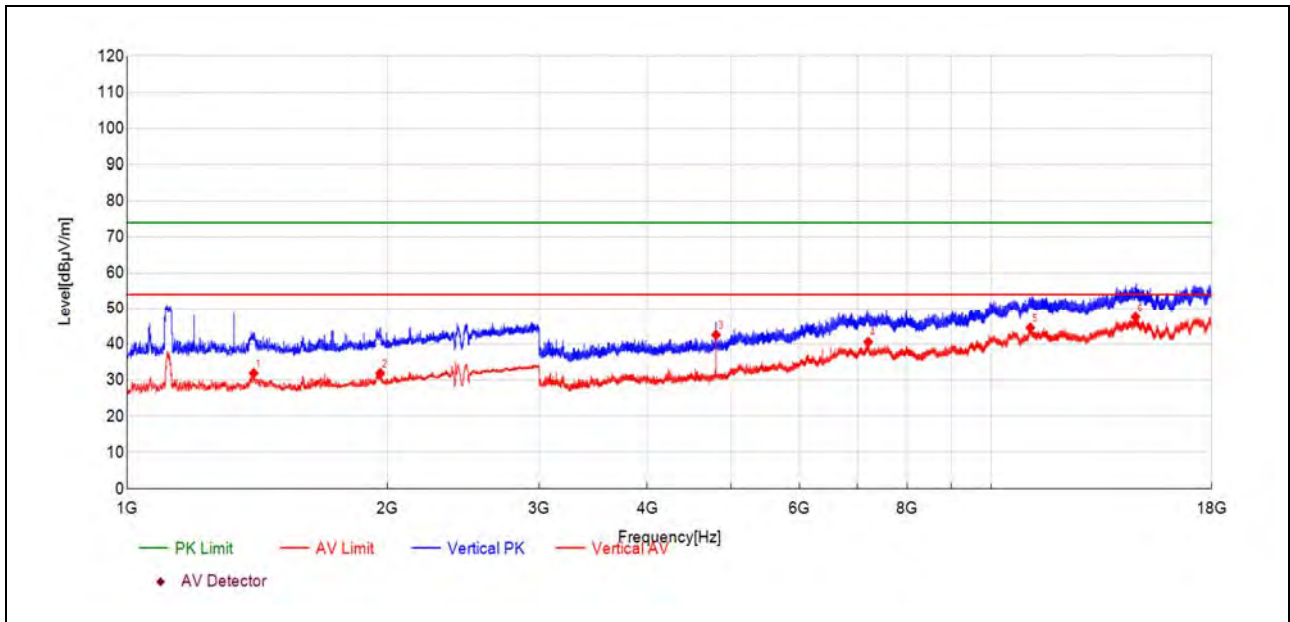
(Antenna Horizontal, 1GHz to 18GHz)

Fre. (MHz)	Reading [dBμV]	Level [dBμV/m]	Factor [dB/m]	Limit [dBμV/m]	Margin [dB]	Height [cm]	Angle [°]	Detector	Verdict
1393.42	31.9	31.63	-0.290	54.00	22.37	150	93	AV	PASS
4804.56	51.0	45.87	-5.140	54.00	8.13	150	284	AV	PASS
7206.64	38.9	43.92	5.020	54.00	10.08	150	296	AV	PASS
9608.72	34.9	43.62	8.700	54.00	10.38	150	309	AV	PASS
11148.77	30.7	44.44	13.790	54.00	9.56	150	332	AV	PASS
14693.89	27.0	47.58	20.580	54.00	6.42	150	202	AV	PASS



(Antenna Vertical, 30MHz to 1GHz)

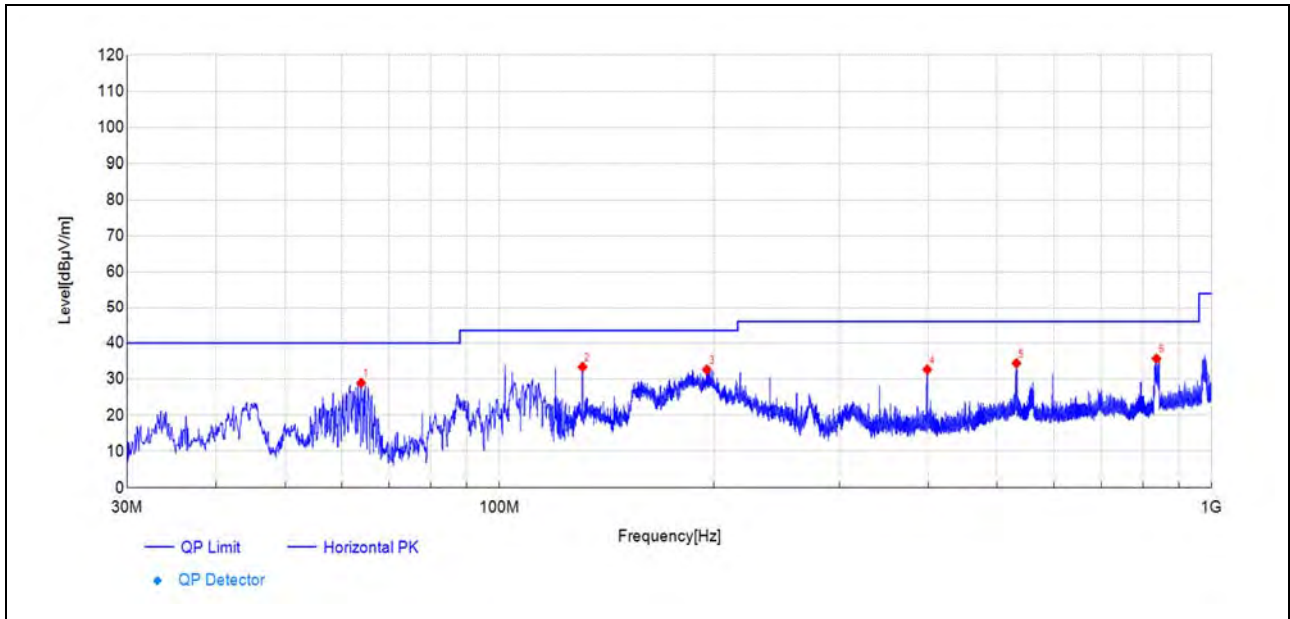
Fre. (MHz)	Reading [dBμV]	Level [dBμV/m]	Factor [dB/m]	Limit [dBμV/m]	Margin [dB]	Height [cm]	Angle [°]	Detector	Verdict
45.28	59.8	31.58	-28.200	40.00	8.42	150	283	PK	PASS
61.96	62.5	33.95	-28.540	40.00	6.05	150	178	PK	PASS
150.00	62.4	30.94	-31.460	43.50	12.56	150	219	PK	PASS
179.97	61.3	30.92	-30.350	43.50	12.58	150	78	PK	PASS
531.81	52.1	33.10	-18.960	46.00	12.90	150	203	PK	PASS
833.25	49.8	35.81	-14.020	46.00	10.19	150	99	PK	PASS



(Antenna Vertical, 1GHz to 18GHz)

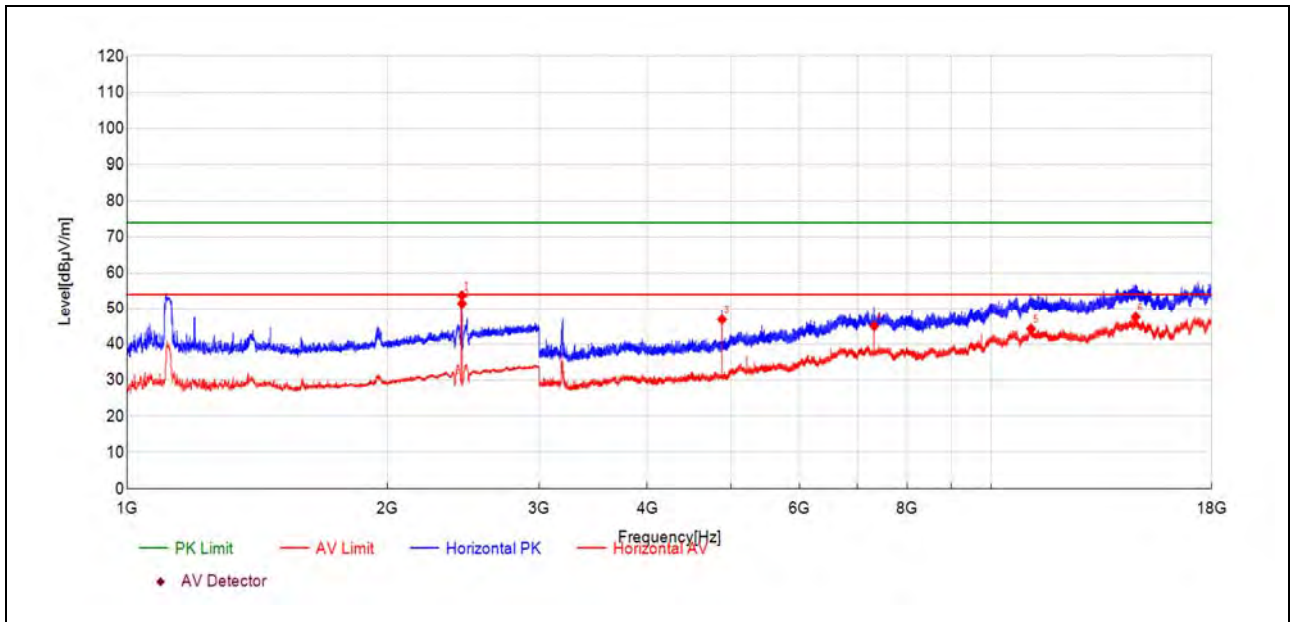
Fre. (MHz)	Reading [dBμV]	Level [dBμV/m]	Factor [dB/m]	Limit [dBμV/m]	Margin [dB]	Height [cm]	Angle [°]	Detector	Verdict
1401.42	32.1	31.94	-0.200	54.00	22.06	150	280	AV	PASS
1963.77	29.6	31.91	2.310	54.00	22.09	150	49	AV	PASS
4804.56	47.7	42.58	-5.140	54.00	11.42	150	9	AV	PASS
7206.64	35.6	40.59	5.020	54.00	13.41	150	358	AV	PASS
11099.27	30.5	44.58	14.070	54.00	9.42	150	153	AV	PASS
14691.89	27.0	47.58	20.580	54.00	6.42	150	287	AV	PASS

Plot for Channel 39



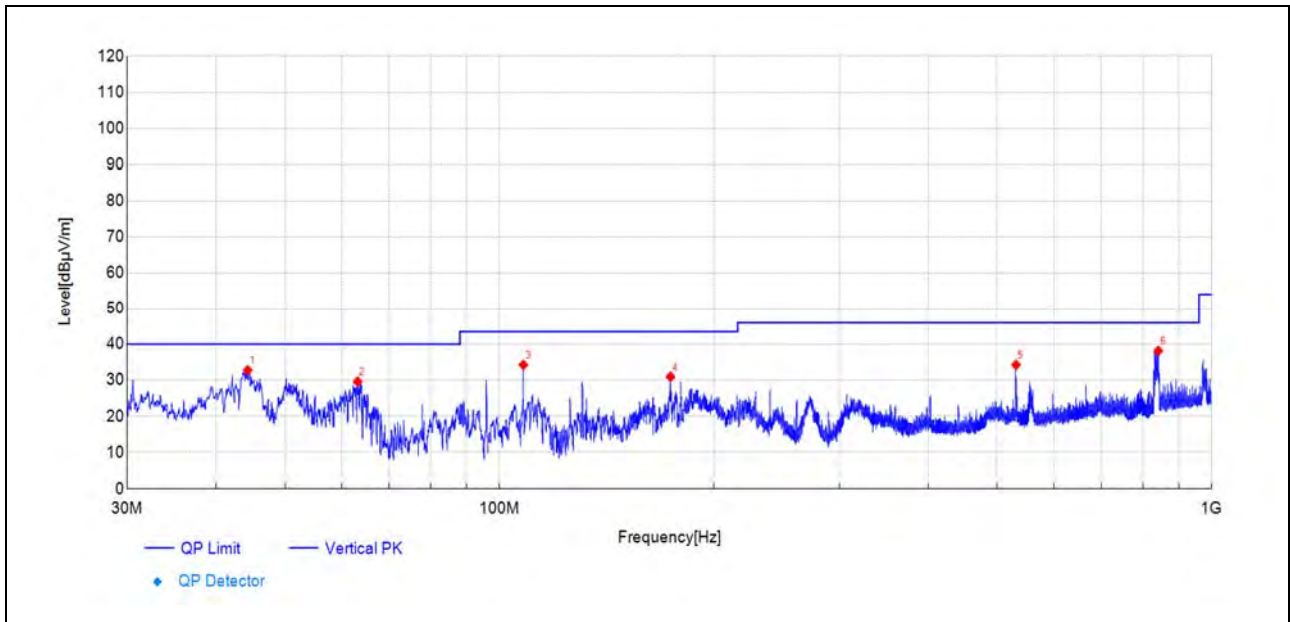
(Antenna Horizontal, 30MHz to 1GHz)

Fre. (MHz)	Reading [dBμV]	Level [dBμV/m]	Factor [dB/m]	Limit [dBμV/m]	Margin [dB]	Height [cm]	Angle [°]	Detector	Verdict
63.95	58.2	28.95	-29.210	40.00	11.05	150	80	PK	PASS
130.84	65.2	33.39	-31.800	43.50	10.11	150	80	PK	PASS
195.54	61.8	32.62	-29.190	43.50	10.88	150	119	PK	PASS
398.72	55.1	32.65	-22.460	46.00	13.35	150	178	PK	PASS
531.85	53.4	34.42	-18.960	46.00	11.58	150	172	PK	PASS
836.50	49.5	35.67	-13.840	46.00	10.33	150	135	PK	PASS



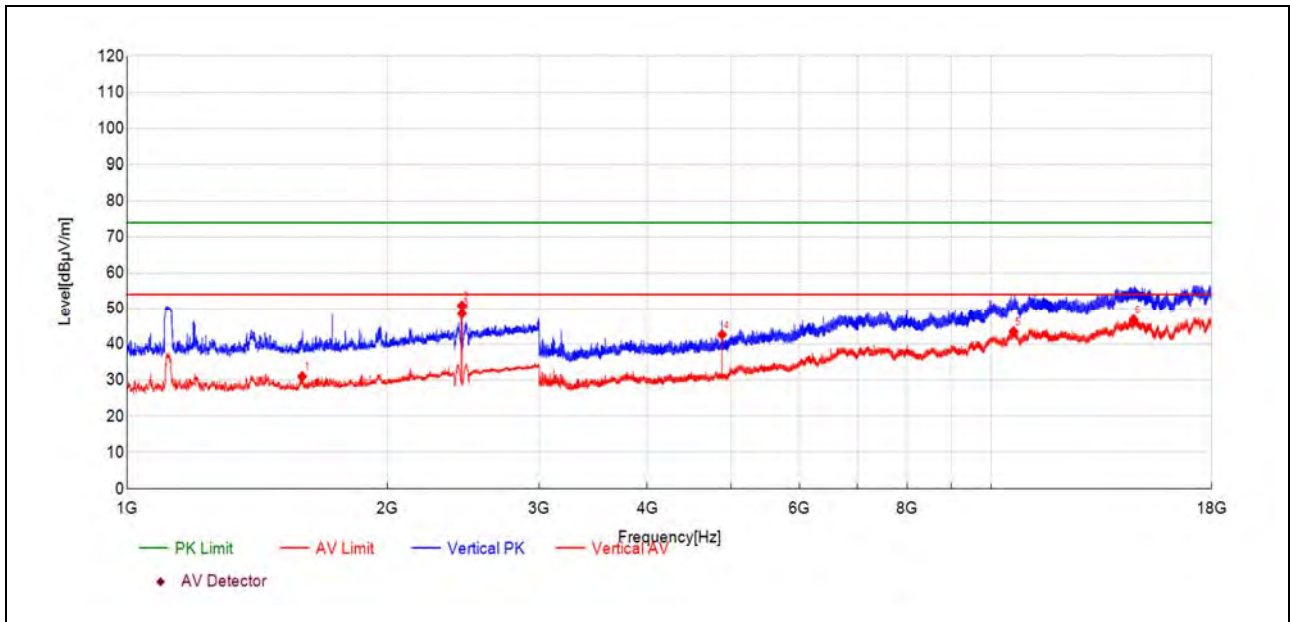
(Antenna Horizontal, 1GHz to 18GHz)

Fre. (MHz)	Reading [dBμV]	Level [dBμV/m]	Factor [dB/m]	Limit [dBμV/m]	Margin [dB]	Height [cm]	Angle [°]	Detector	Verdict
2440.76	48.0	53.78	5.830	-	-	150	219	PK	N/A
2441.65	45.7	51.50	5.840	-	-	150	226	AV	N/A
4882.56	51.9	46.90	-5.020	54.00	7.10	150	287	AV	PASS
7323.64	40.7	45.03	4.300	54.00	8.97	150	299	AV	PASS
11121.77	30.3	44.27	13.950	54.00	9.73	150	299	AV	PASS
14698.89	27.0	47.60	20.590	54.00	6.40	150	56	AV	PASS



(Antenna Vertical, 30MHz to 1GHz)

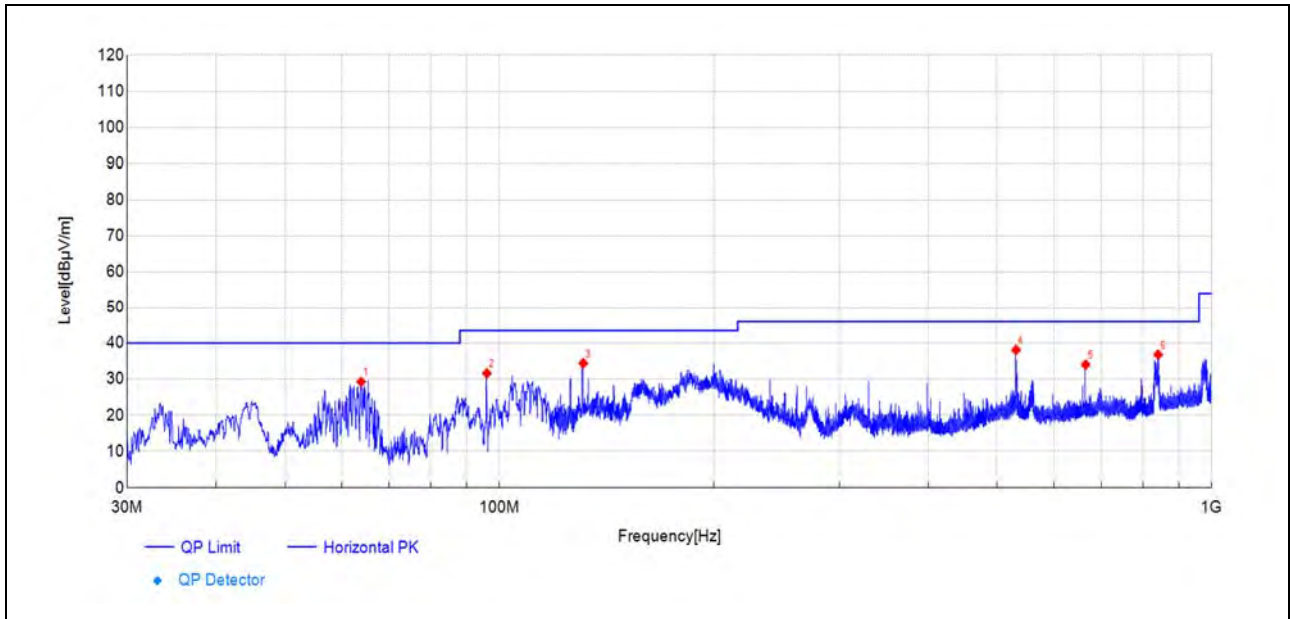
Fre. (MHz)	Reading [dBμV]	Level [dBμV/m]	Factor [dB/m]	Limit [dBμV/m]	Margin [dB]	Height [cm]	Angle [°]	Detector	Verdict
44.31	60.7	32.79	-27.900	40.00	7.21	150	92	PK	PASS
63.22	58.7	29.59	-29.060	40.00	10.41	150	240	PK	PASS
108.04	63.2	34.25	-28.940	43.50	9.25	150	77	PK	PASS
173.86	61.6	30.98	-30.590	43.50	12.52	150	15	PK	PASS
531.18	53.2	34.27	-18.930	46.00	11.73	150	309	PK	PASS
841.35	52.1	38.15	-13.900	46.00	7.85	150	103	PK	PASS



(Antenna Vertical, 1GHz to 18GHz)

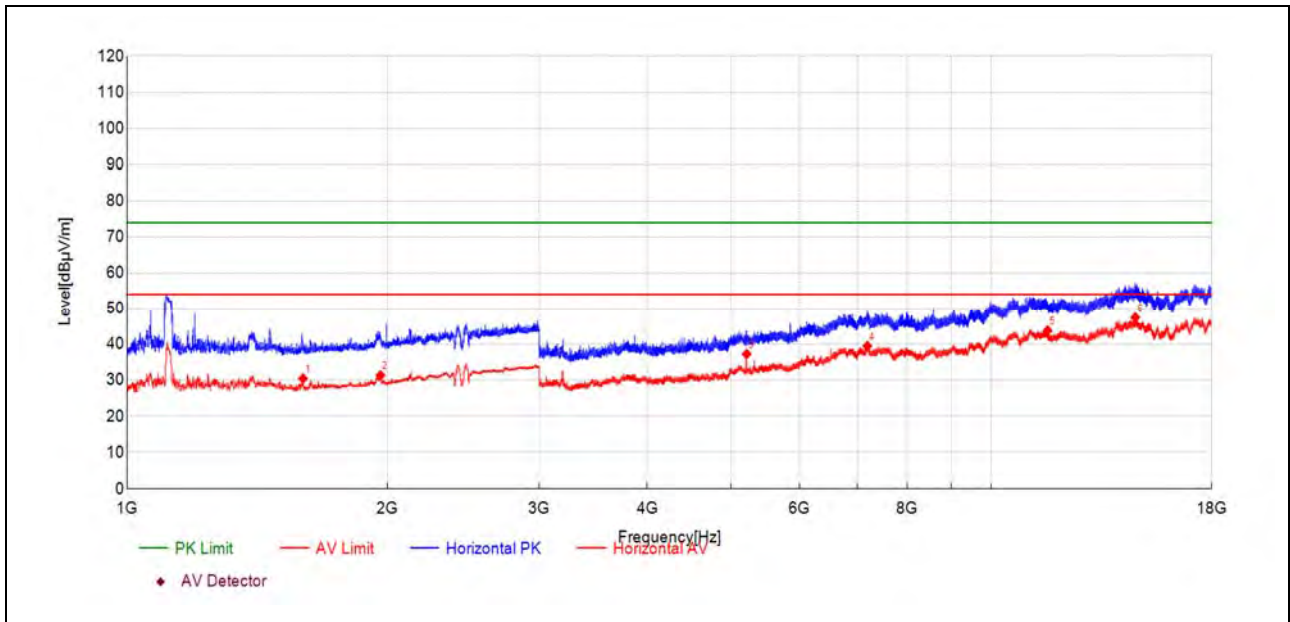
Fre. (MHz)	Reading [dBμV]	Level [dBμV/m]	Factor [dB/m]	Limit [dBμV/m]	Margin [dB]	Height [cm]	Angle [°]	Detector	Verdict
1594.80	31.5	31.05	-0.440	54.00	22.95	150	145	AV	PASS
2440.76	45.1	50.90	5.830	-	-	150	236	PK	N/A
2441.65	42.7	48.52	5.840	-	-	150	236	AV	N/A
4882.56	47.7	42.64	-5.020	54.00	11.36	150	21	AV	PASS
10616.25	31.4	43.54	12.150	54.00	10.46	150	131	AV	PASS
14614.89	26.5	46.90	20.370	54.00	7.10	150	250	AV	PASS

Plot for Channel 78



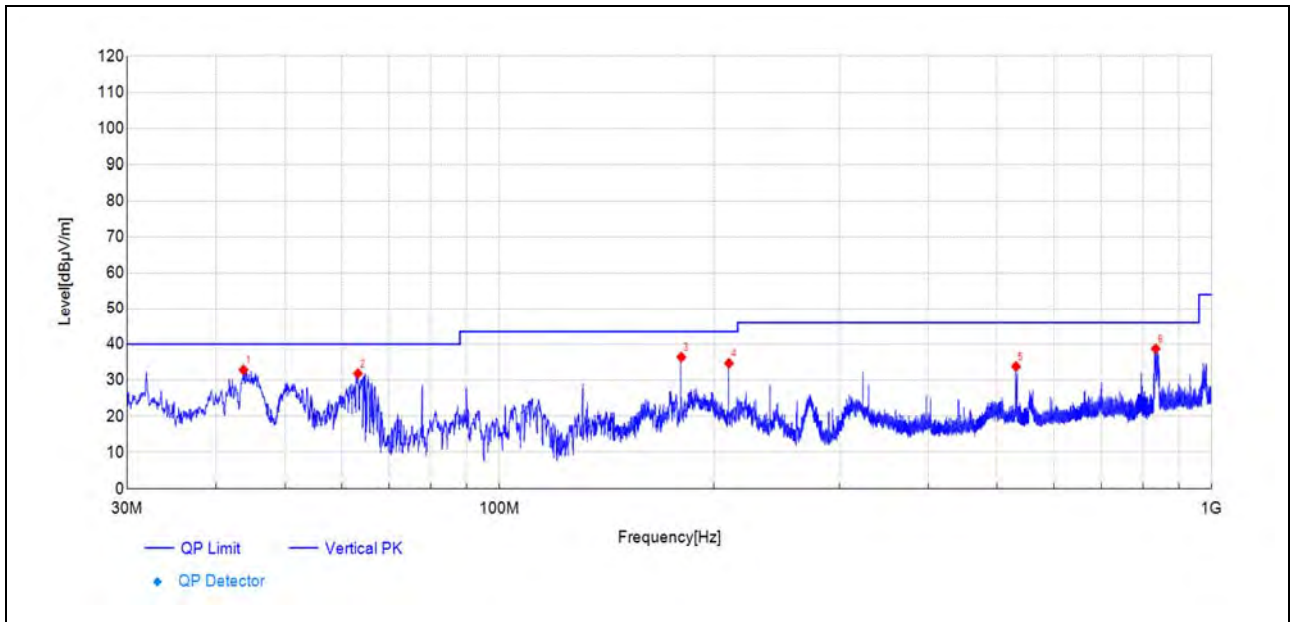
(Antenna Horizontal, 30MHz to 1GHz)

Fre. (MHz)	Reading [dBμV]	Level [dBμV/m]	Factor [dB/m]	Limit [dBμV/m]	Margin [dB]	Height [cm]	Angle [°]	Detector	Verdict
63.95	58.5	29.26	-29.210	40.00	10.74	150	62	PK	PASS
96.01	61.9	31.65	-30.280	43.50	11.85	150	335	PK	PASS
131.13	66.2	34.40	-31.840	43.50	9.10	150	94	PK	PASS
531.32	57.1	38.13	-18.940	46.00	7.87	150	120	PK	PASS
665.24	50.1	34.01	-16.130	46.00	11.99	150	205	PK	PASS
841.01	50.8	36.83	-13.950	46.00	9.17	150	151	PK	PASS



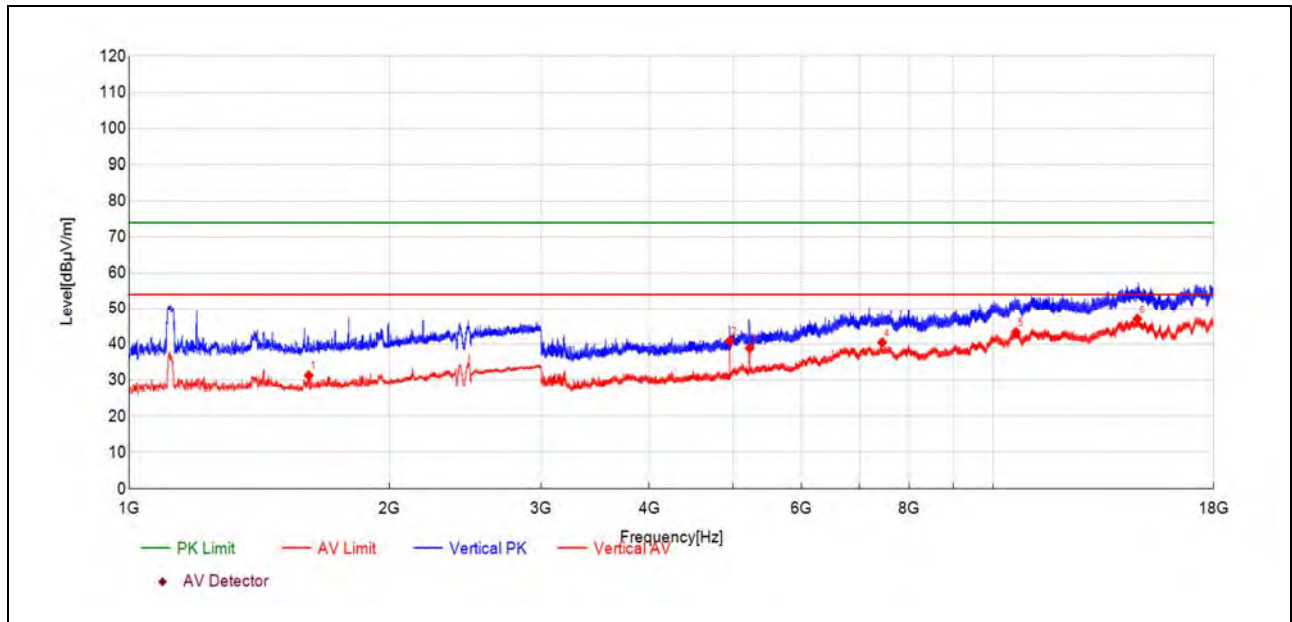
(Antenna Horizontal, 1GHz to 18GHz)

Fre. (MHz)	Reading [dBμV]	Level [dBμV/m]	Factor [dB/m]	Limit [dBμV/m]	Margin [dB]	Height [cm]	Angle [°]	Detector	Verdict
1598.36	30.9	30.48	-0.400	54.00	23.52	150	63	AV	PASS
1964.66	29.0	31.33	2.320	54.00	22.67	150	75	AV	PASS
5212.57	40.7	37.27	-3.450	54.00	16.73	150	189	AV	PASS
7189.64	34.5	39.50	5.020	54.00	14.50	150	225	AV	PASS
11624.29	29.6	43.78	14.220	54.00	10.22	150	238	AV	PASS
14682.39	26.9	47.49	20.550	54.00	6.51	150	9	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
43.73	60.7	32.83	-27.870	40.00	7.17	150	9	PK	PASS
63.27	60.9	31.85	-29.070	40.00	8.15	150	250	PK	PASS
180.02	66.8	36.42	-30.360	43.50	7.08	150	58	PK	PASS
209.99	64.3	34.71	-29.550	43.50	8.79	150	63	PK	PASS
531.08	52.8	33.83	-18.930	46.00	12.17	150	228	PK	PASS
834.27	52.6	38.75	-13.850	46.00	7.25	150	106	PK	PASS



(Antenna Vertical, 1GHz to 18GHz)

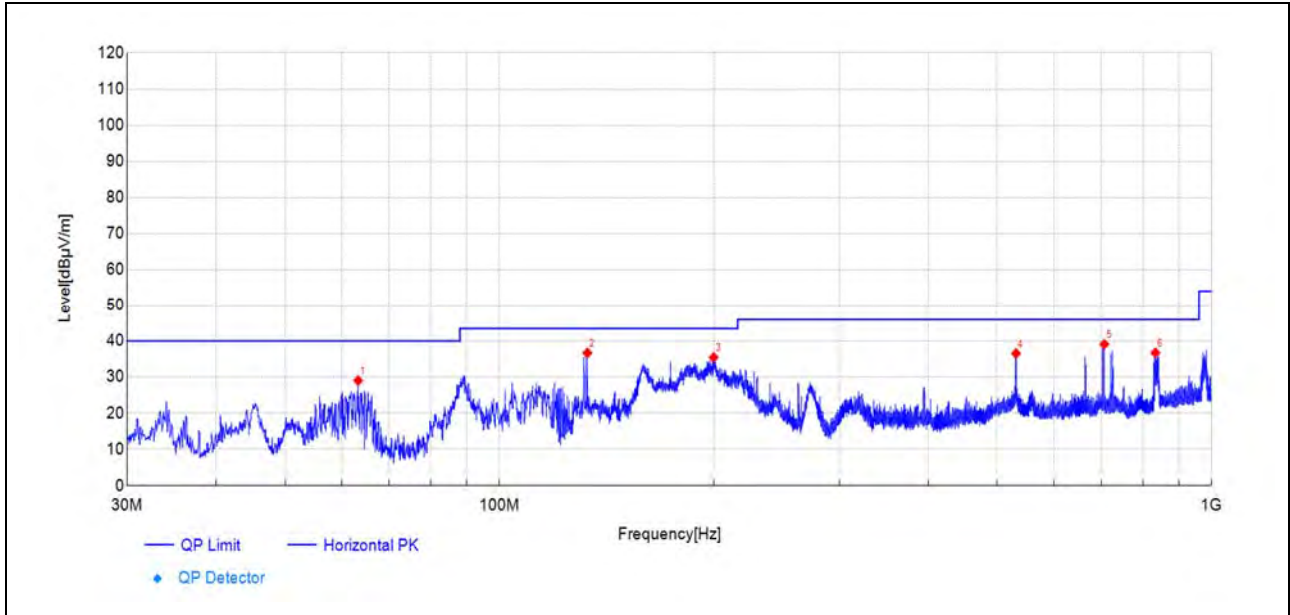
Fre. (MHz)	Reading [dBμV]	Level [dBμV/m]	Factor [dB/m]	Limit [dBμV/m]	Margin [dB]	Height [cm]	Angle [°]	Detector	Verdict
1614.36	31.6	31.30	-0.290	54.00	22.70	150	134	AV	PASS
4960.57	45.6	41.01	-4.600	54.00	12.99	150	360	AV	PASS
5226.57	42.2	38.94	-3.220	54.00	15.06	150	191	AV	PASS
7440.65	35.8	40.45	4.630	54.00	13.55	150	358	AV	PASS
10626.25	31.1	43.31	12.180	54.00	10.69	150	34	AV	PASS
14683.89	26.5	47.07	20.560	54.00	6.93	150	263	AV	PASS



Right

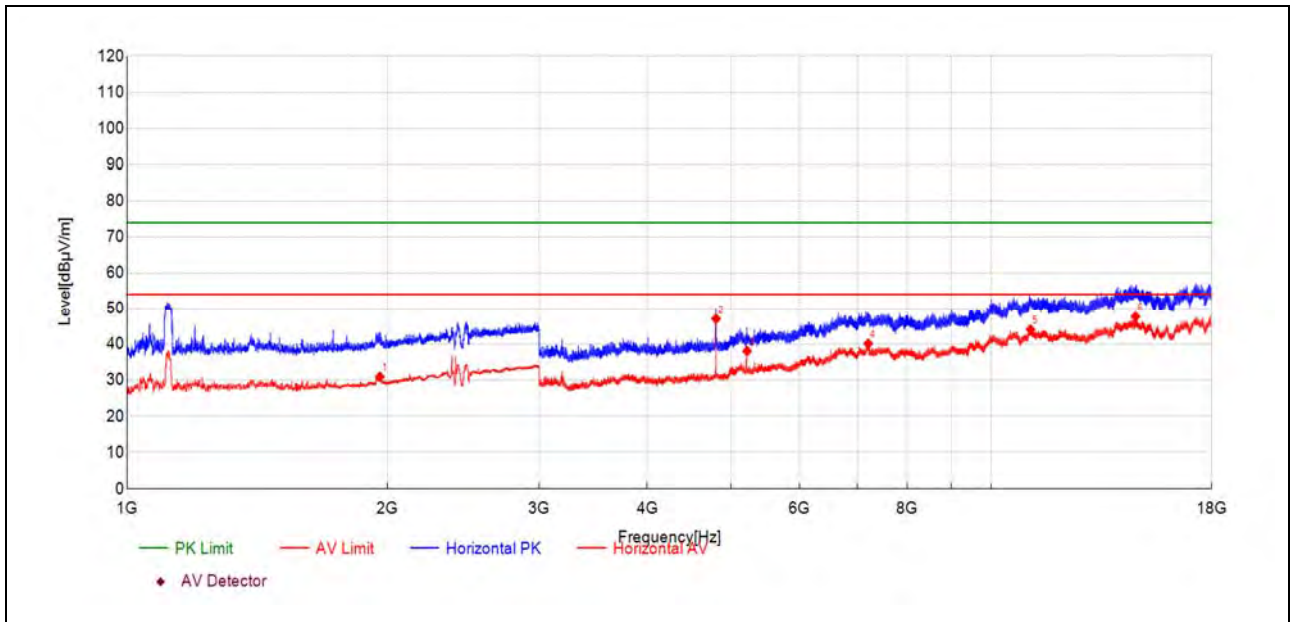
GFSK Mode

Plot for Channel 0



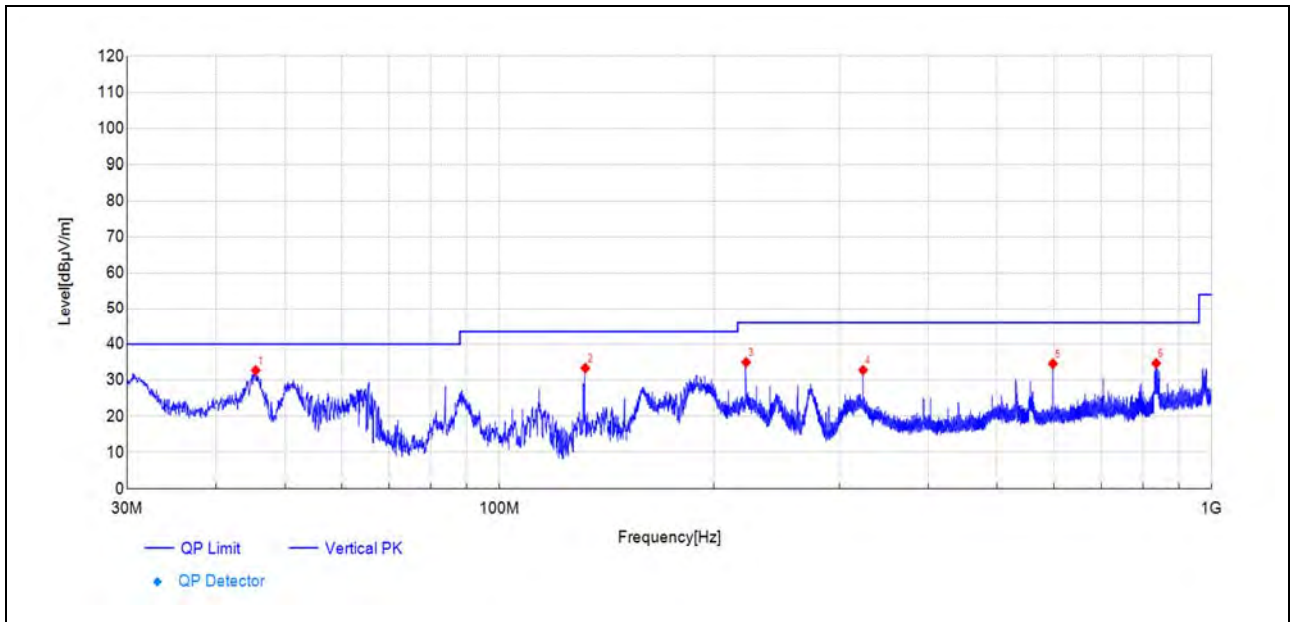
(Antenna Horizontal, 30MHz to 1GHz)

Fre. (MHz)	Reading [dBμV]	Level [dBμV/m]	Factor [dB/m]	Limit [dBμV/m]	Margin [dB]	Height [cm]	Angle [°]	Detector	Verdict
63.32	58.1	29.05	-29.080	40.00	10.95	150	75	PK	PASS
132.87	68.6	36.70	-31.900	43.50	6.80	150	238	PK	PASS
199.86	64.3	35.47	-28.790	43.50	8.03	150	122	PK	PASS
530.98	55.5	36.55	-18.930	46.00	9.45	150	132	PK	PASS
706.71	54.8	39.10	-15.670	46.00	6.90	150	54	PK	PASS
833.49	50.7	36.75	-13.980	46.00	9.25	150	142	PK	PASS



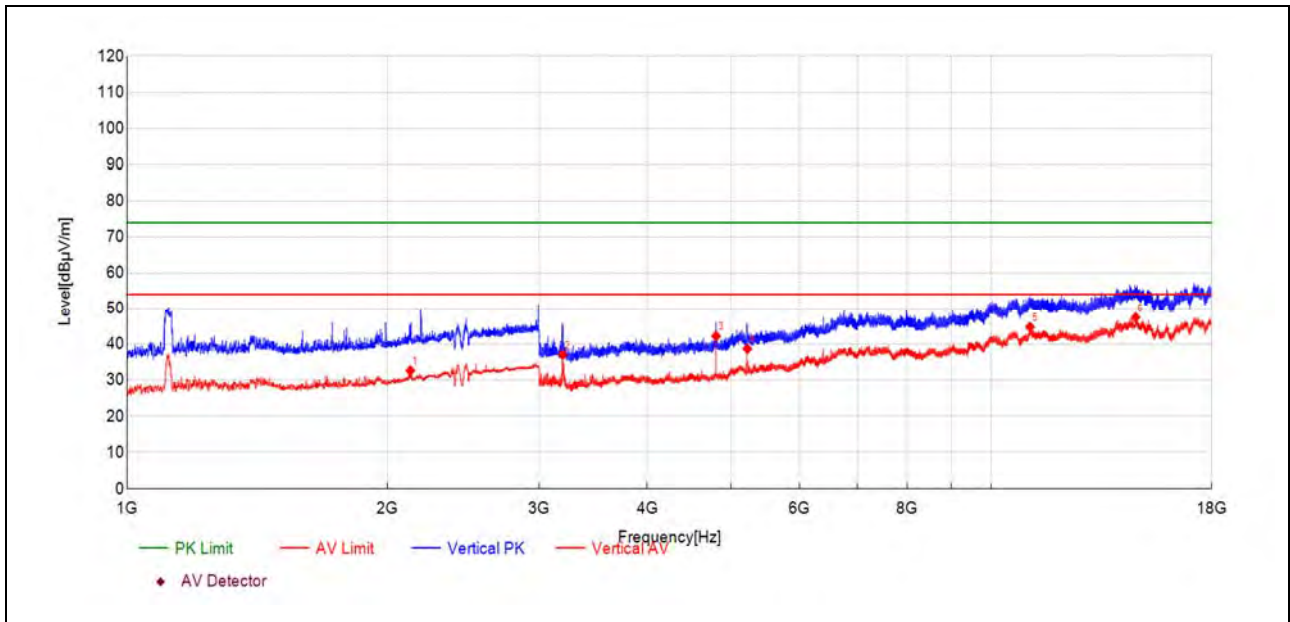
(Antenna Horizontal, 1GHz to 18GHz)

Fre. (MHz)	Reading [dBμV]	Level [dBμV/m]	Factor [dB/m]	Limit [dBμV/m]	Margin [dB]	Height [cm]	Angle [°]	Detector	Verdict
1961.55	28.7	30.95	2.290	54.00	23.05	150	51	AV	PASS
4804.56	52.2	47.09	-5.140	54.00	6.91	150	95	AV	PASS
5218.57	41.4	38.09	-3.350	54.00	15.91	150	214	AV	PASS
7206.64	35.1	40.16	5.020	54.00	13.84	150	130	AV	PASS
11105.27	30.0	44.07	14.040	54.00	9.93	150	214	AV	PASS
14693.39	27.1	47.72	20.590	54.00	6.28	150	225	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
45.47	61.0	32.72	-28.270	40.00	7.28	150	329	PK	PASS
132.00	65.6	33.35	-32.260	43.50	10.15	150	166	PK	PASS
222.02	64.0	34.97	-28.990	46.00	11.03	150	119	PK	PASS
323.97	57.5	32.79	-24.720	46.00	13.21	150	166	PK	PASS
598.35	51.7	34.59	-17.150	46.00	11.41	150	92	PK	PASS
835.58	48.5	34.70	-13.780	46.00	11.30	150	103	PK	PASS

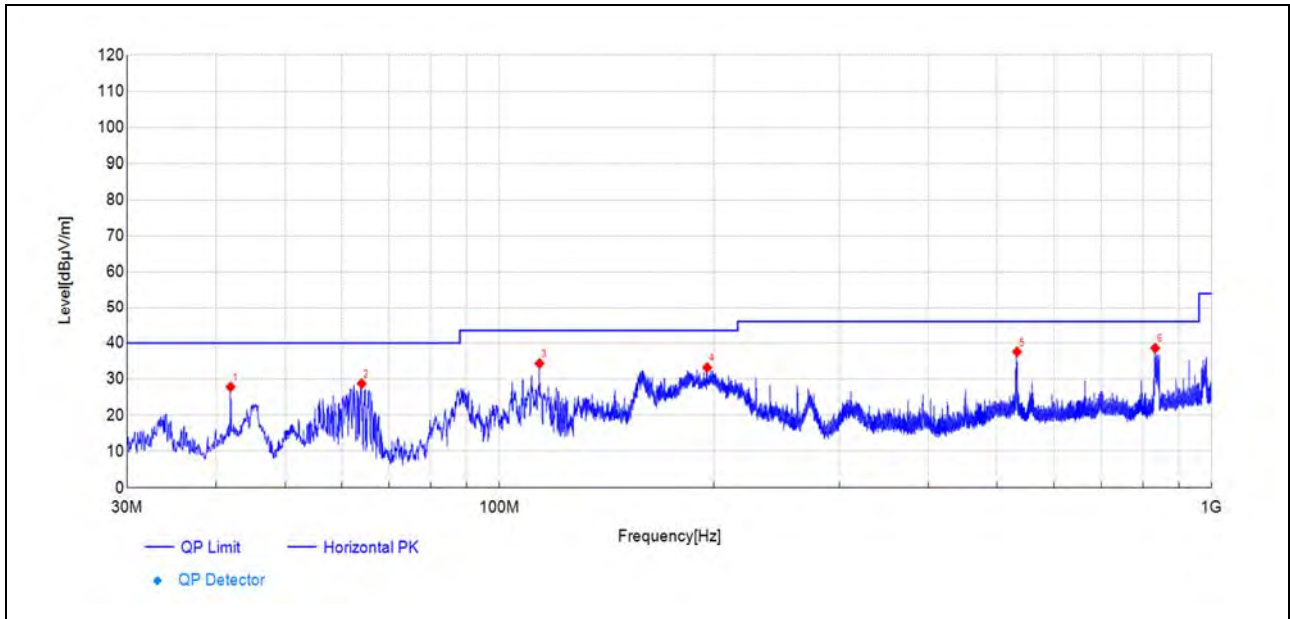


(Antenna Vertical, 1GHz to 18GHz)

Fre. (MHz)	Reading [dBμV]	Level [dBμV/m]	Factor [dB/m]	Limit [dBμV/m]	Margin [dB]	Height [cm]	Angle [°]	Detector	Verdict
2127.36	29.2	32.68	3.510	54.00	21.32	150	351	AV	PASS
3192.51	47.9	37.11	-10.790	54.00	16.89	150	142	AV	PASS
4804.56	47.4	42.24	-5.140	54.00	11.76	150	169	AV	PASS
5223.07	42.0	38.73	-3.280	54.00	15.27	150	117	AV	PASS
11092.27	30.8	44.80	13.980	54.00	9.20	150	33	AV	PASS
14695.89	26.9	47.50	20.590	54.00	6.50	150	81	AV	PASS

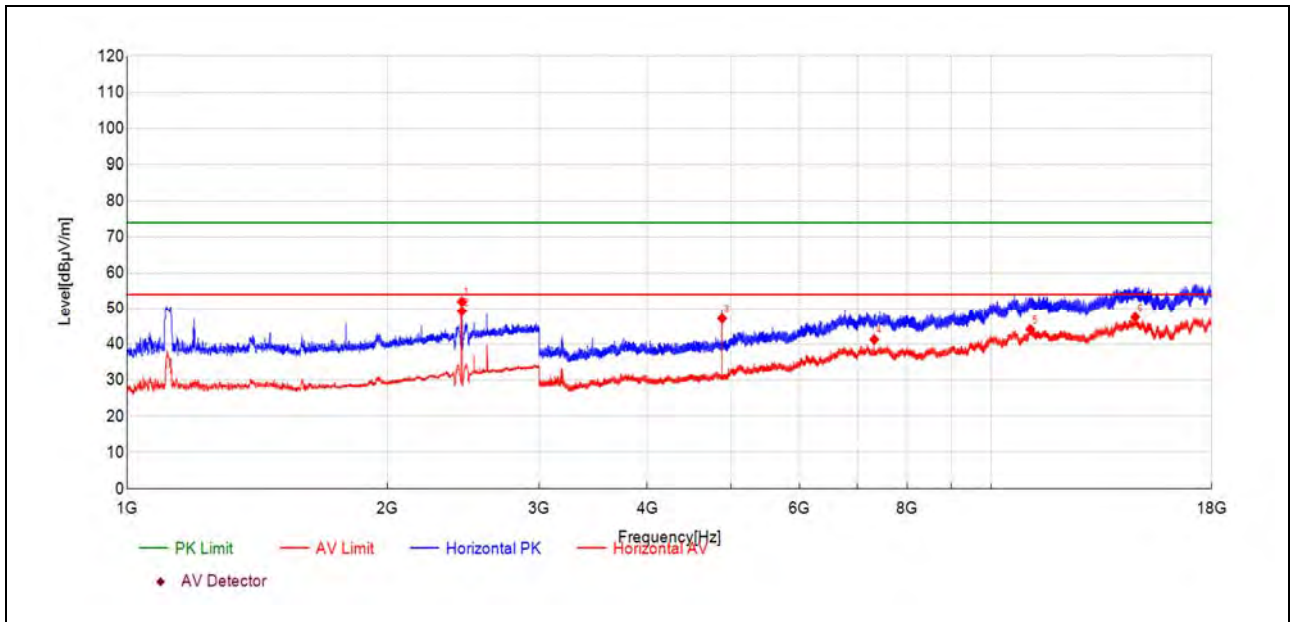


Plot for Channel 39



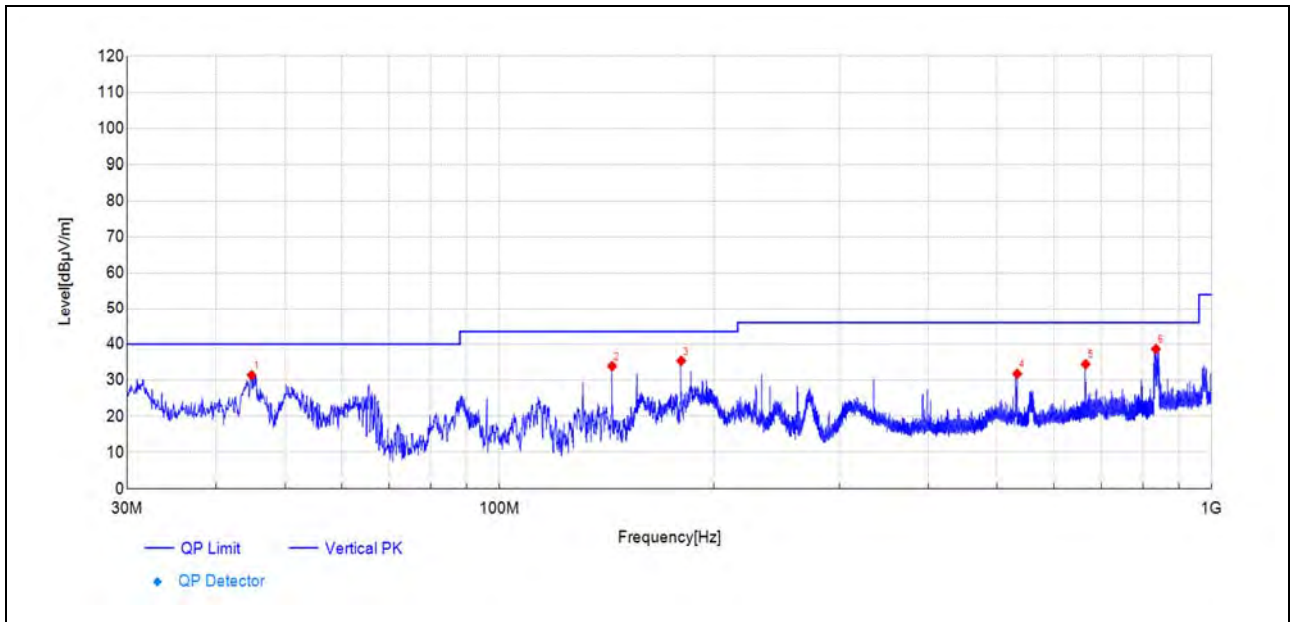
(Antenna Horizontal, 30MHz to 1GHz)

Fre. (MHz)	Reading [dBμV]	Level [dBμV/m]	Factor [dB/m]	Limit [dBμV/m]	Margin [dB]	Height [cm]	Angle [°]	Detector	Verdict
41.93	56.5	27.85	-28.680	40.00	12.15	150	162	PK	PASS
64.05	58.0	28.78	-29.220	40.00	11.22	150	61	PK	PASS
113.86	63.9	34.36	-29.500	43.50	9.14	150	66	PK	PASS
195.73	62.4	33.23	-29.210	43.50	10.27	150	120	PK	PASS
532.92	56.6	37.58	-19.010	46.00	8.42	150	126	PK	PASS
832.91	52.7	38.64	-14.070	46.00	7.36	150	40	PK	PASS



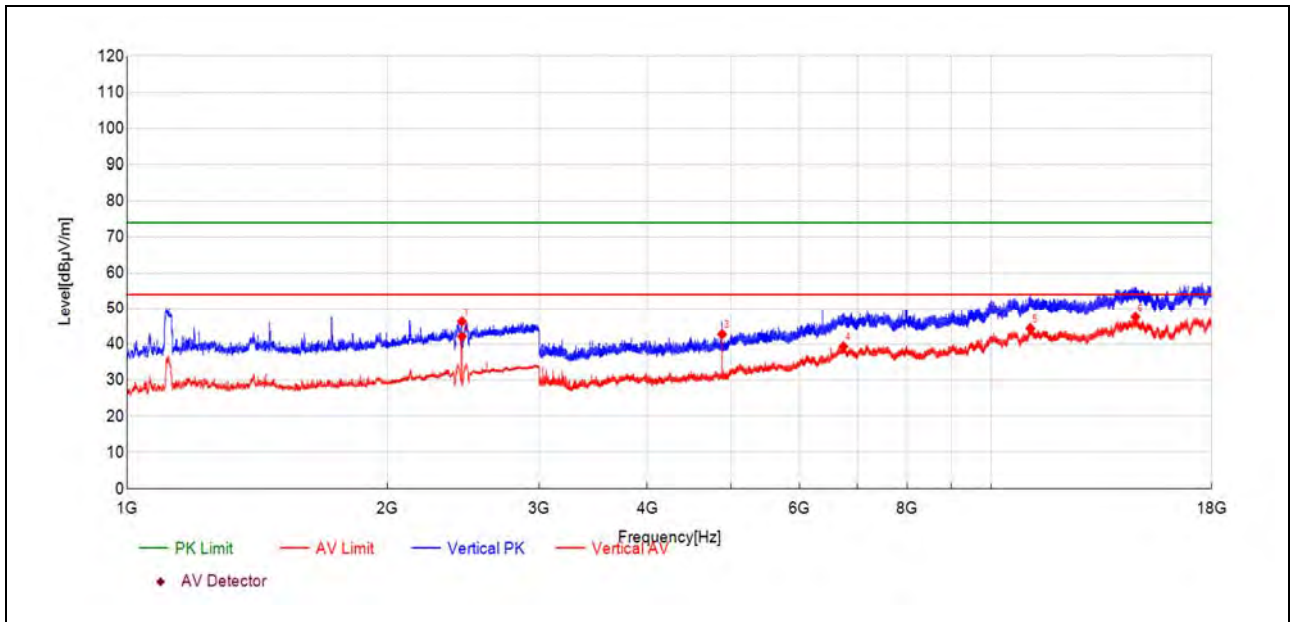
(Antenna Horizontal, 1GHz to 18GHz)

Fre. (MHz)	Reading [dBμV]	Level [dBμV/m]	Factor [dB/m]	Limit [dBμV/m]	Margin [dB]	Height [cm]	Angle [°]	Detector	Verdict
2440.76	46.2	52.06	5.830	-	-	150	323	PK	N/A
2441.21	43.4	49.26	5.840	-	-	150	323	AV	N/A
4882.56	52.2	47.20	-5.020	54.00	6.80	150	81	AV	PASS
7323.64	37.0	41.32	4.300	54.00	12.68	150	106	AV	PASS
11100.77	30.1	44.13	14.080	54.00	9.87	150	94	AV	PASS
14681.89	27.0	47.57	20.550	54.00	6.43	150	9	AV	PASS



(Antenna Vertical, 30MHz to 1GHz)

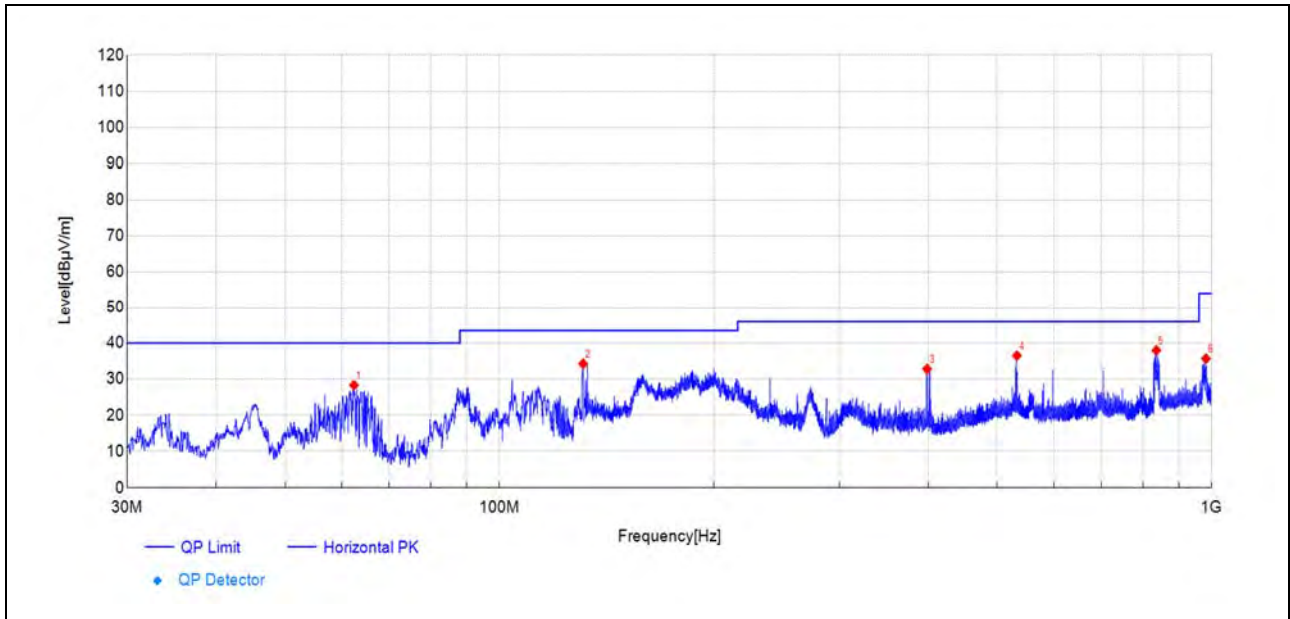
Fre. (MHz)	Reading [dBμV]	Level [dBμV/m]	Factor [dB/m]	Limit [dBμV/m]	Margin [dB]	Height [cm]	Angle [°]	Detector	Verdict
44.89	59.5	31.40	-28.060	40.00	8.60	150	314	PK	PASS
143.93	65.2	33.91	-31.280	43.50	9.59	150	203	PK	PASS
179.97	65.7	35.39	-30.350	43.50	8.11	150	288	PK	PASS
533.21	50.8	31.77	-19.020	46.00	14.23	150	330	PK	PASS
665.14	50.6	34.46	-16.130	46.00	11.54	150	351	PK	PASS
834.70	52.5	38.67	-13.780	46.00	7.33	150	97	PK	PASS



(Antenna Vertical, 1GHz to 18GHz)

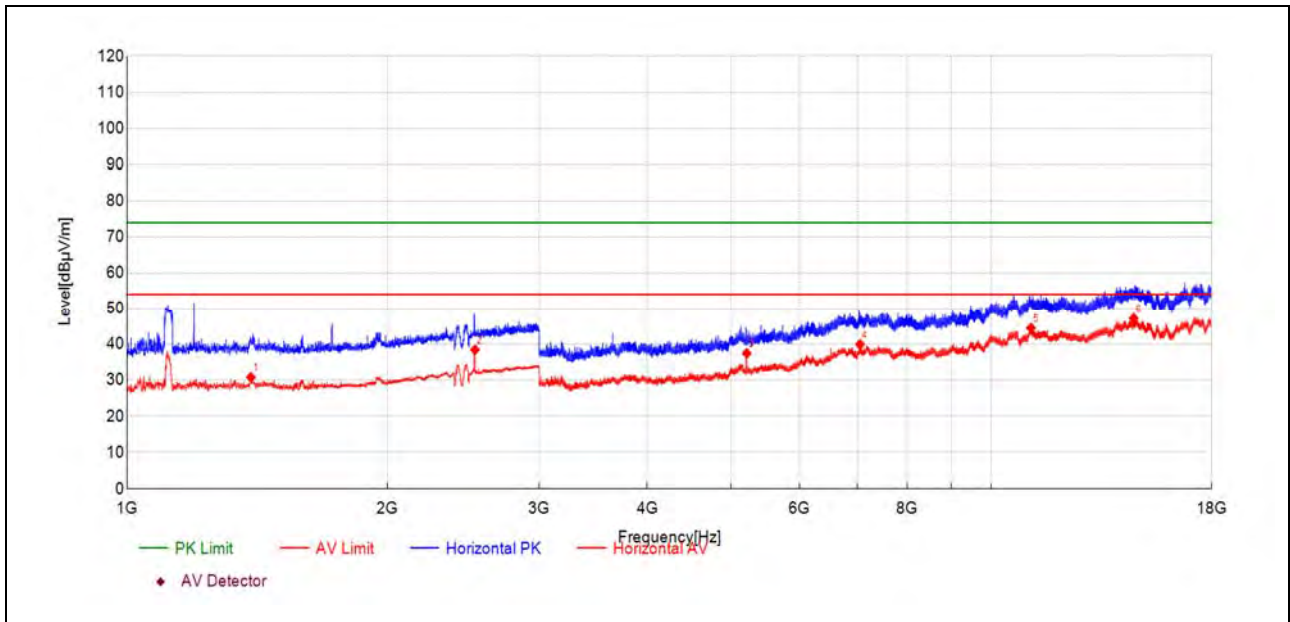
Fre. (MHz)	Reading [dBμV]	Level [dBμV/m]	Factor [dB/m]	Limit [dBμV/m]	Margin [dB]	Height [cm]	Angle [°]	Detector	Verdict
2440.76	40.5	46.29	5.830	-	-	150	166	PK	N/A
2441.65	36.3	42.14	5.840	-	-	150	172	AV	N/A
4882.56	47.8	42.76	-5.020	54.00	11.24	150	165	AV	PASS
6746.62	35.2	39.34	4.120	54.00	14.66	150	331	AV	PASS
11101.27	30.3	44.41	14.070	54.00	9.59	150	320	AV	PASS
14689.39	27.0	47.57	20.580	54.00	6.43	150	295	AV	PASS

Plot for Channel 78



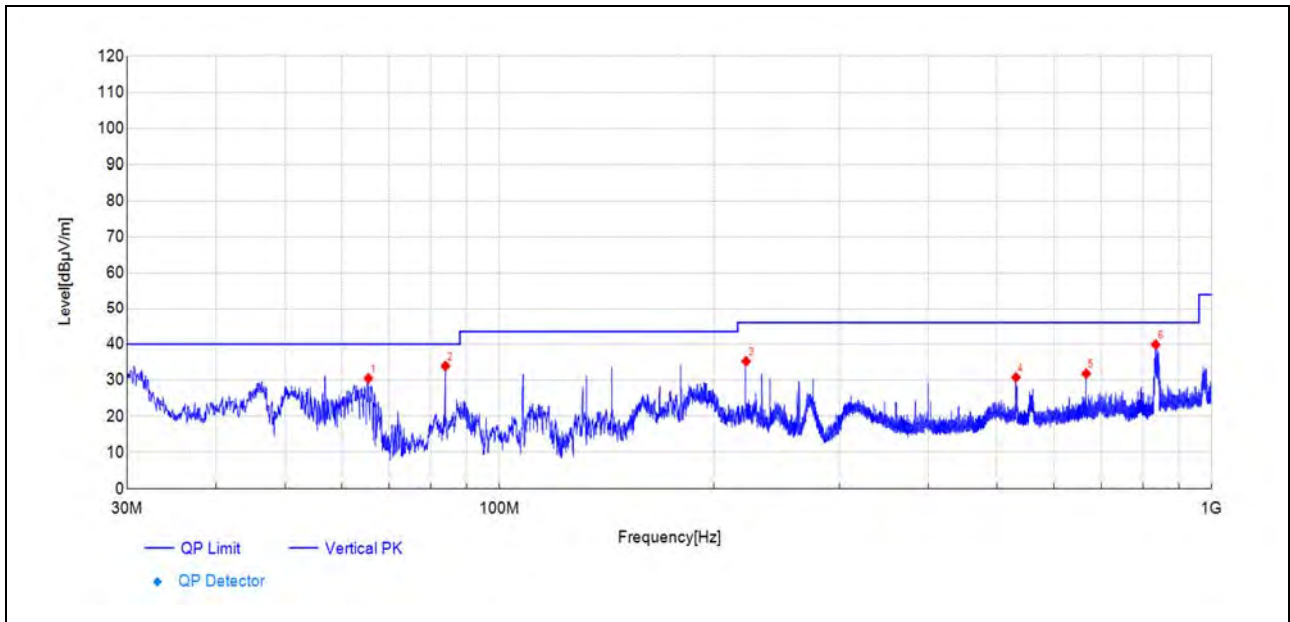
(Antenna Horizontal, 30MHz to 1GHz)

Fre. (MHz)	Reading [dBμV]	Level [dBμV/m]	Factor [dB/m]	Limit [dBμV/m]	Margin [dB]	Height [cm]	Angle [°]	Detector	Verdict
62.50	57.1	28.34	-28.780	40.00	11.66	150	56	PK	PASS
131.08	66.1	34.28	-31.820	43.50	9.22	150	77	PK	PASS
398.62	55.3	32.82	-22.470	46.00	13.18	150	98	PK	PASS
532.78	55.5	36.52	-19.010	46.00	9.48	150	146	PK	PASS
836.11	51.8	37.99	-13.810	46.00	8.01	150	30	PK	PASS
981.47	47.0	35.69	-11.260	54.00	18.31	150	98	PK	PASS



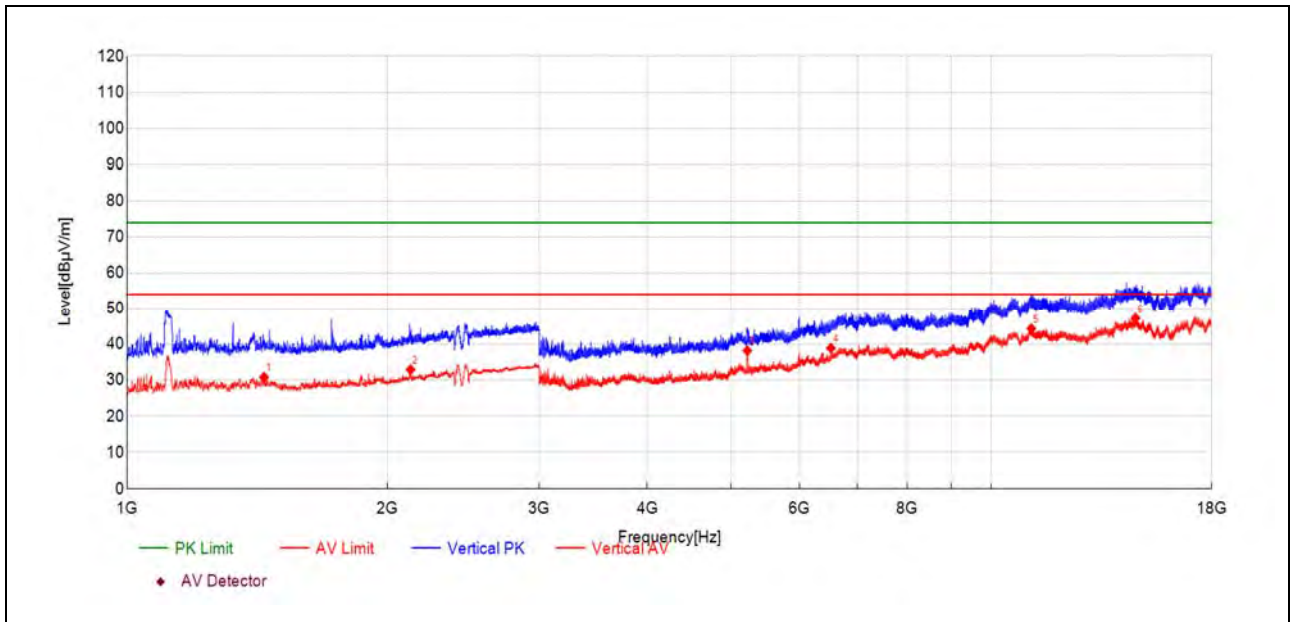
(Antenna Horizontal, 1GHz to 18GHz)

Fre. (MHz)	Reading [dBμV]	Level [dBμV/m]	Factor [dB/m]	Limit [dBμV/m]	Margin [dB]	Height [cm]	Angle [°]	Detector	Verdict
1391.20	31.1	30.83	-0.310	54.00	23.17	150	161	AV	PASS
2527.45	32.8	38.47	5.650	54.00	15.53	150	172	AV	PASS
5214.07	40.9	37.46	-3.420	54.00	16.54	150	191	AV	PASS
7052.14	35.6	39.95	4.360	54.00	14.05	150	45	AV	PASS
11120.27	30.6	44.52	13.960	54.00	9.48	150	9	AV	PASS
14619.39	26.9	47.26	20.390	54.00	6.74	150	117	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
65.46	60.3	30.50	-29.800	40.00	9.50	150	141	PK	PASS
83.98	65.9	33.95	-31.950	40.00	6.05	150	189	PK	PASS
221.97	64.2	35.25	-28.990	46.00	10.75	150	56	PK	PASS
531.08	49.7	30.78	-18.930	46.00	15.22	150	210	PK	PASS
666.35	48.0	31.82	-16.170	46.00	14.18	150	152	PK	PASS
834.36	53.7	39.87	-13.830	46.00	6.13	150	104	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
1440.99	30.7	30.85	0.150	54.00	23.15	150	141	AV	PASS
2128.70	29.4	32.94	3.510	54.00	21.06	150	103	AV	PASS
5222.07	41.5	38.20	-3.300	54.00	15.80	150	116	AV	PASS
6525.62	36.8	38.93	2.100	54.00	15.07	150	223	AV	PASS
11131.77	30.5	44.36	13.890	54.00	9.64	150	93	AV	PASS
14689.89	26.7	47.31	20.570	54.00	6.69	150	236	AV	PASS

————— END OF REPORT —————