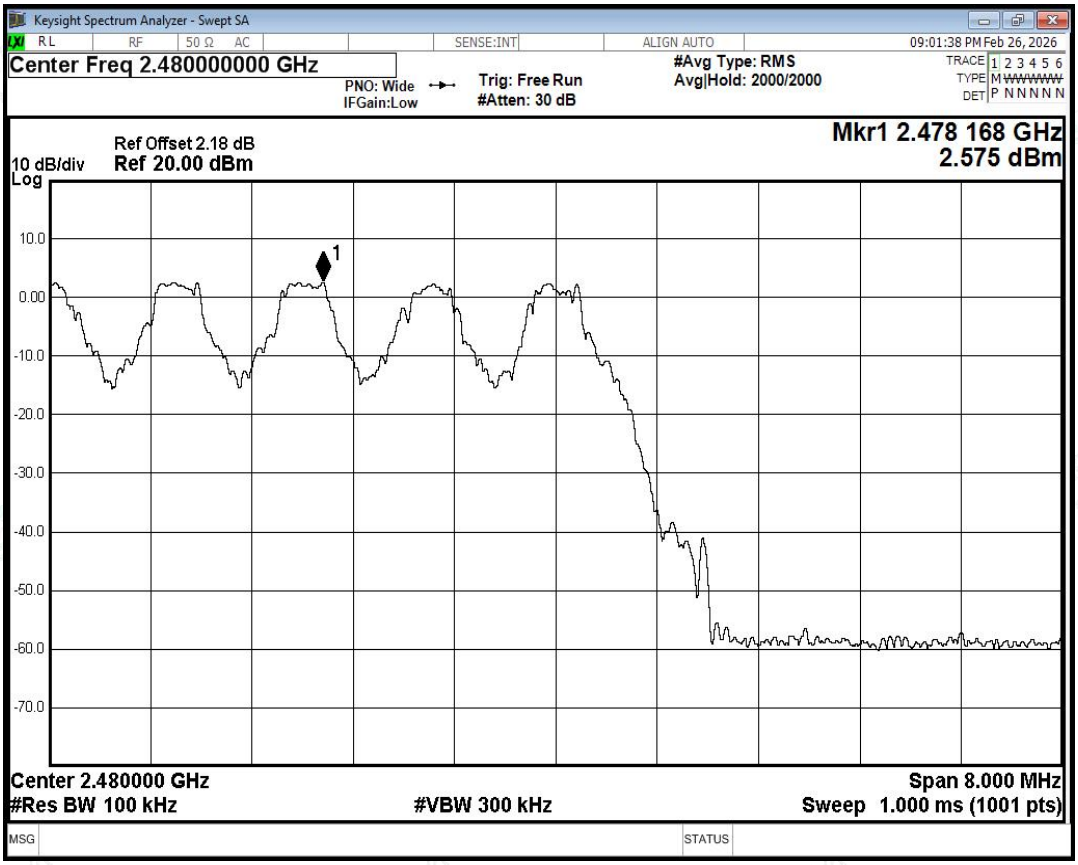
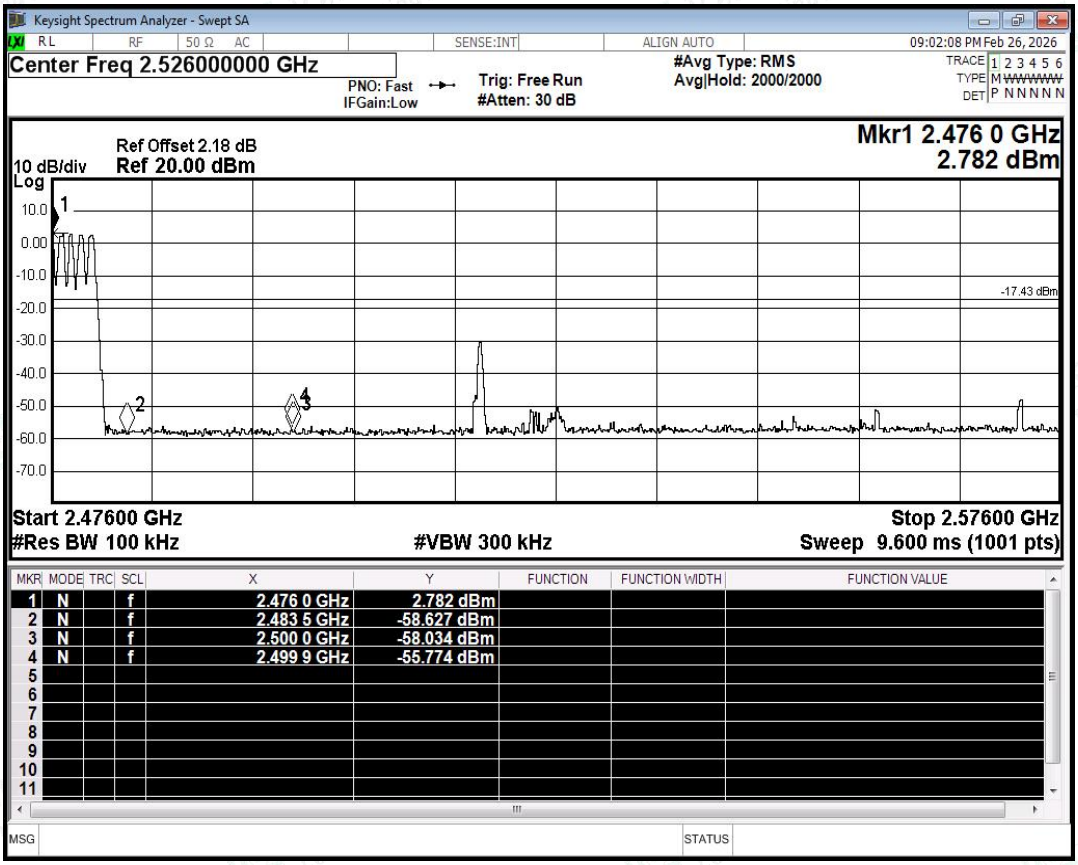
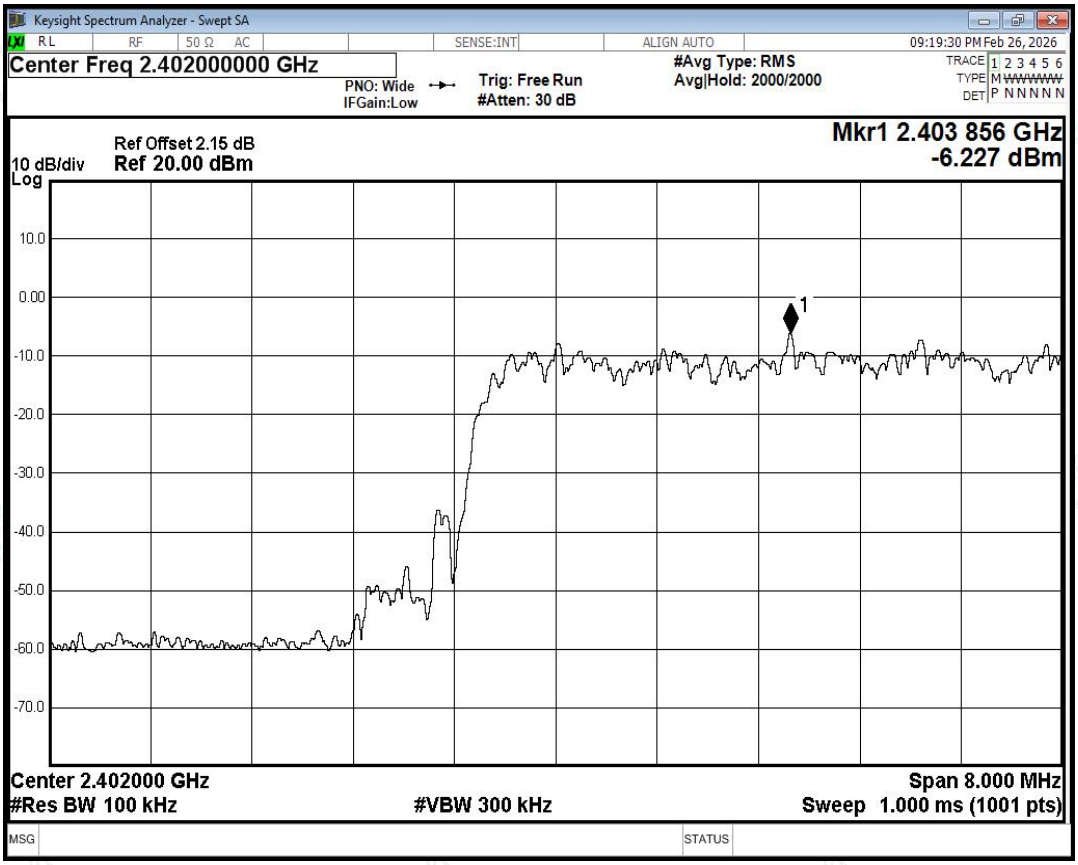


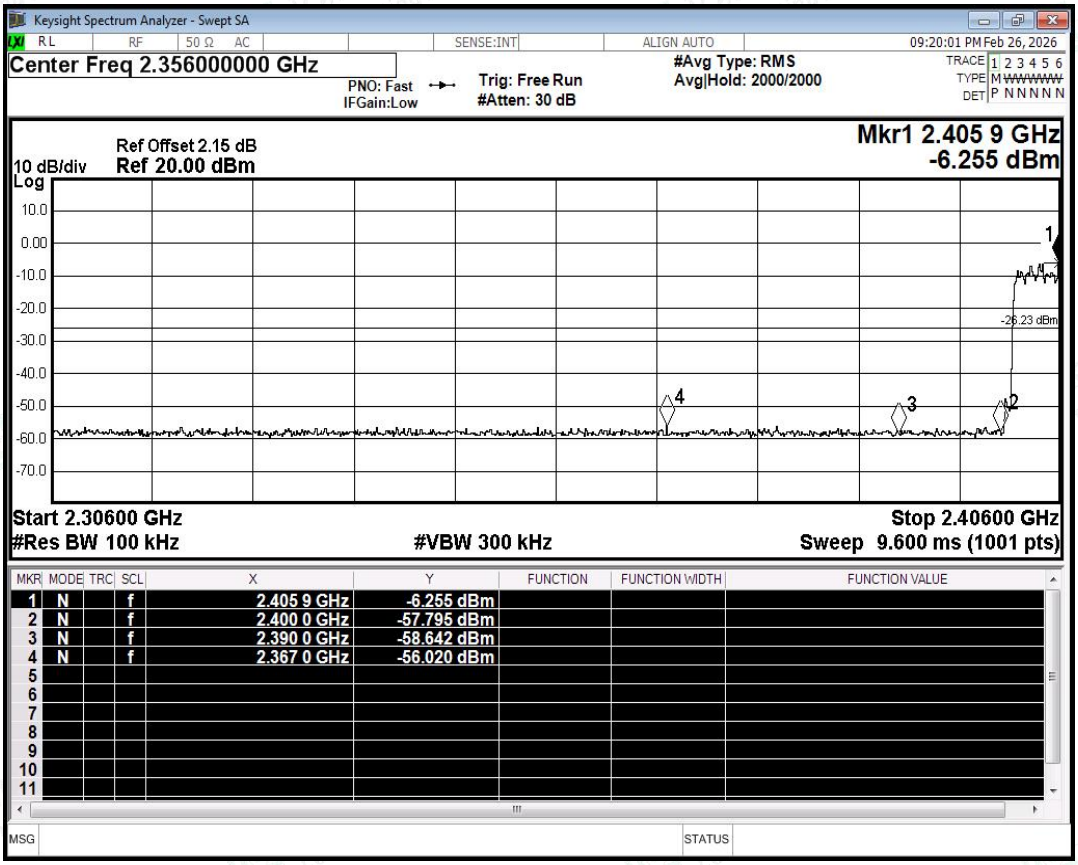
Band Edge(Hopping) NVNT 1-DH5 2480MHz Ant1 Hopping Ref



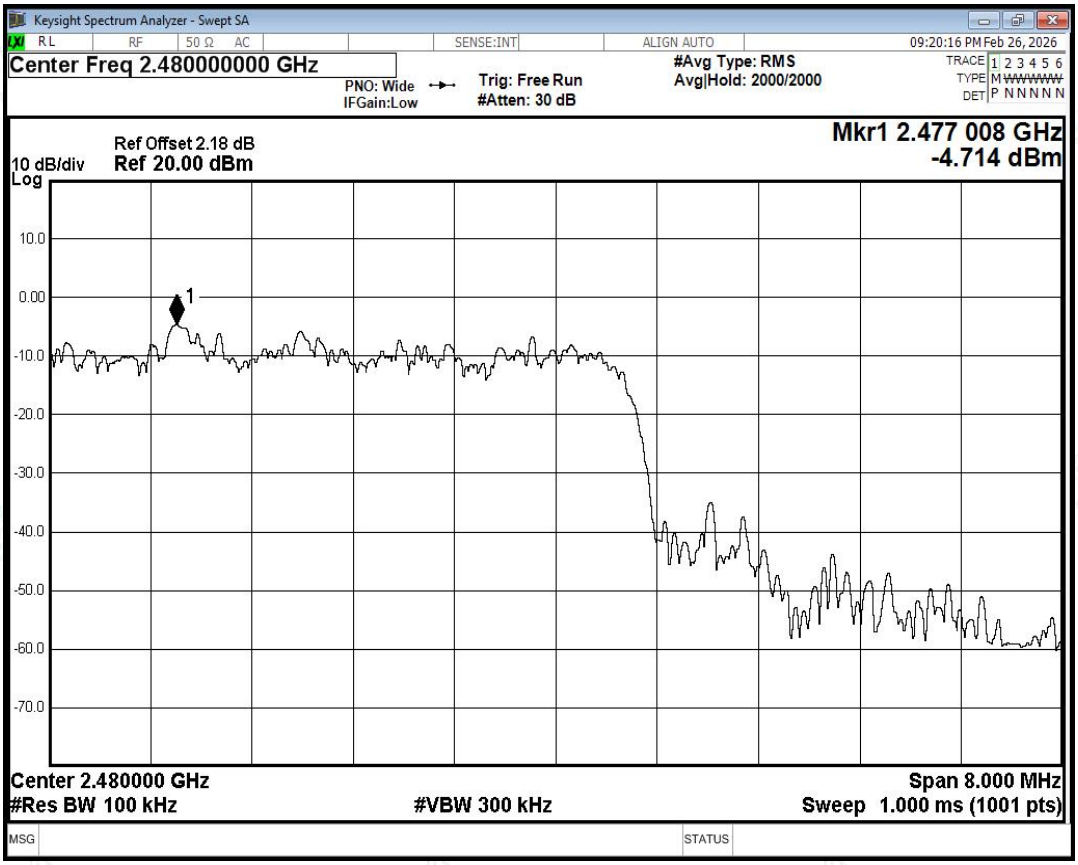
Band Edge(Hopping) NVNT 1-DH5 2480MHz Ant1 Hopping Emission



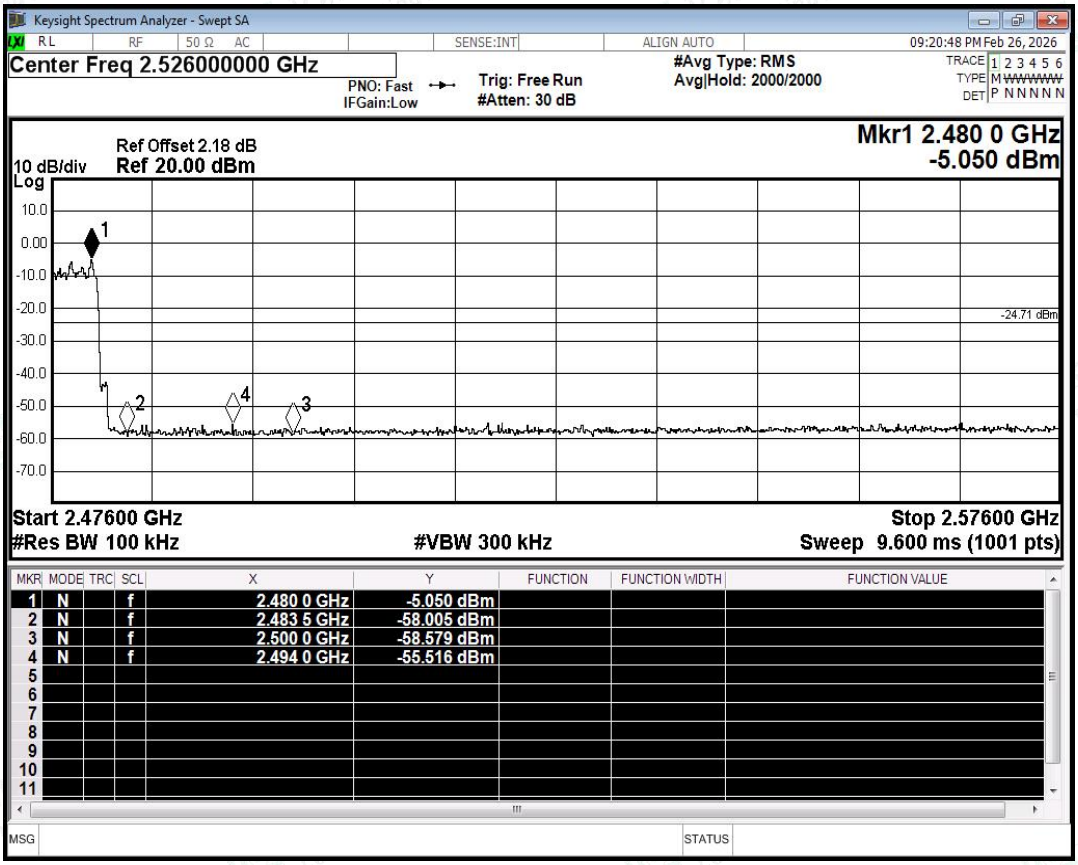
Band Edge(Hopping) NVNT 2-DH5 2402MHz Ant1 Hopping Ref



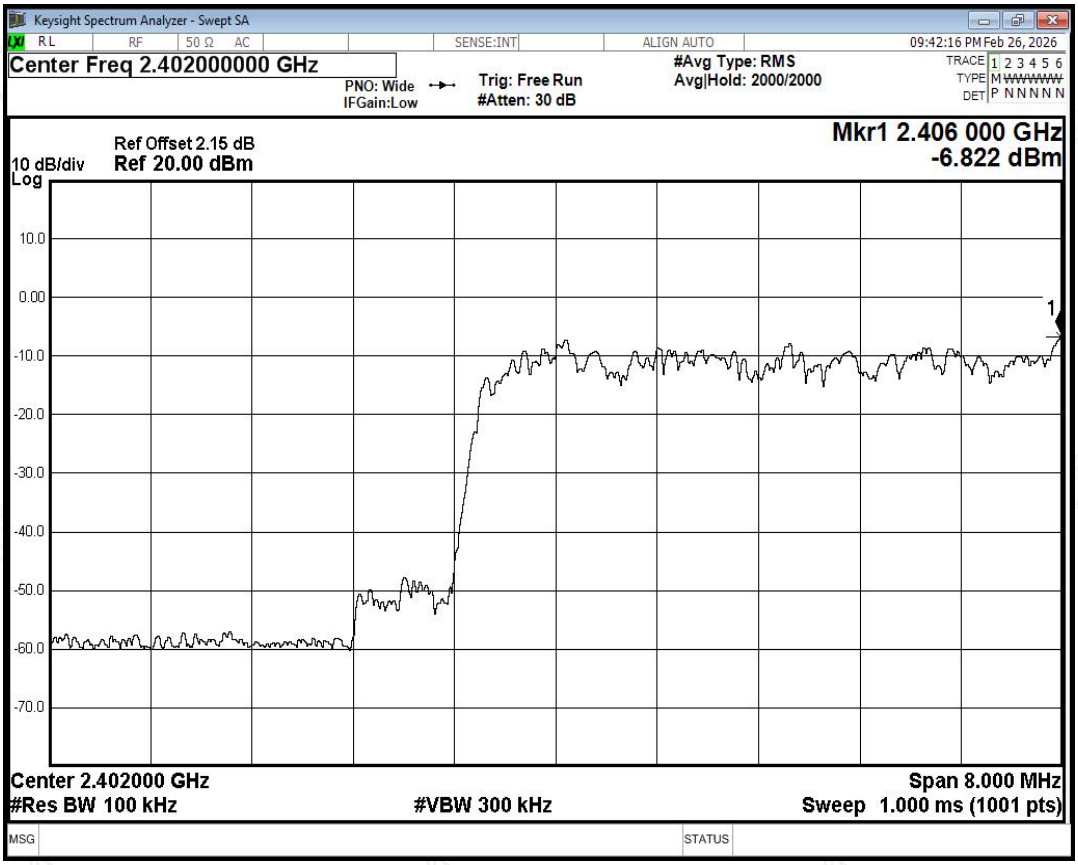
Band Edge(Hopping) NVNT 2-DH5 2402MHz Ant1 Hopping Emission



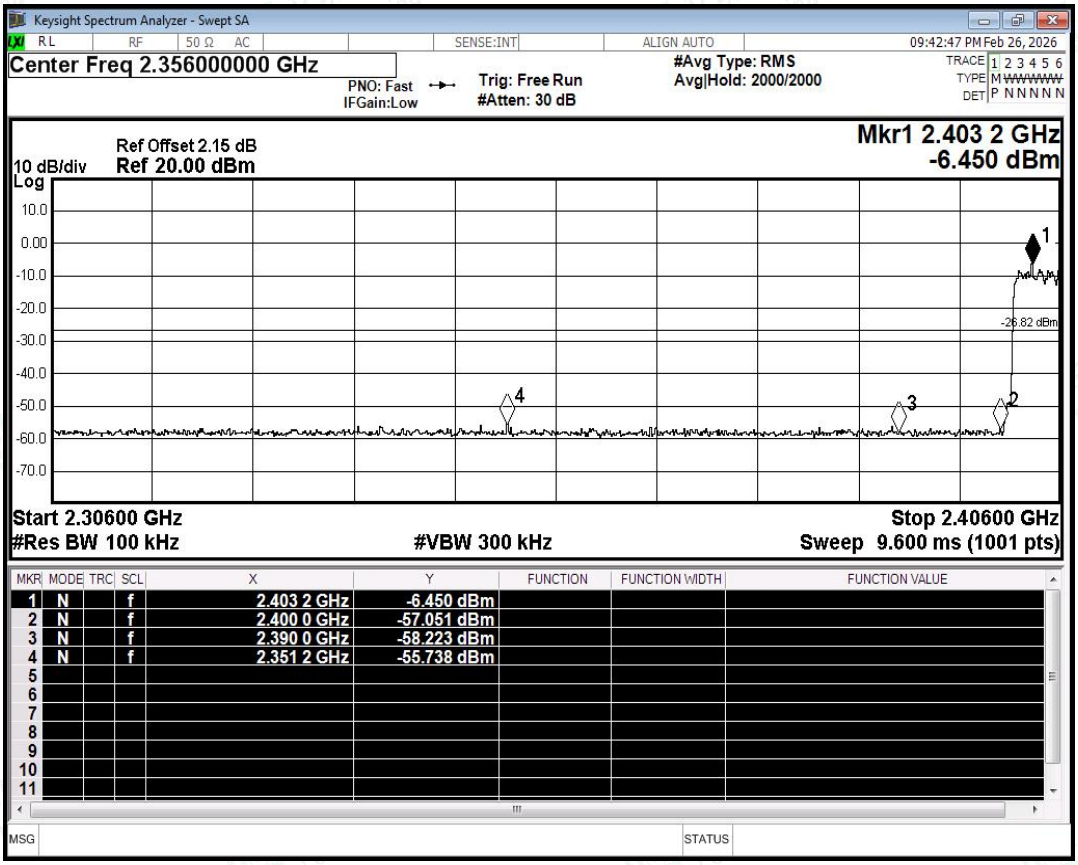
Band Edge(Hopping) NVNT 2-DH5 2480MHz Ant1 Hopping Ref



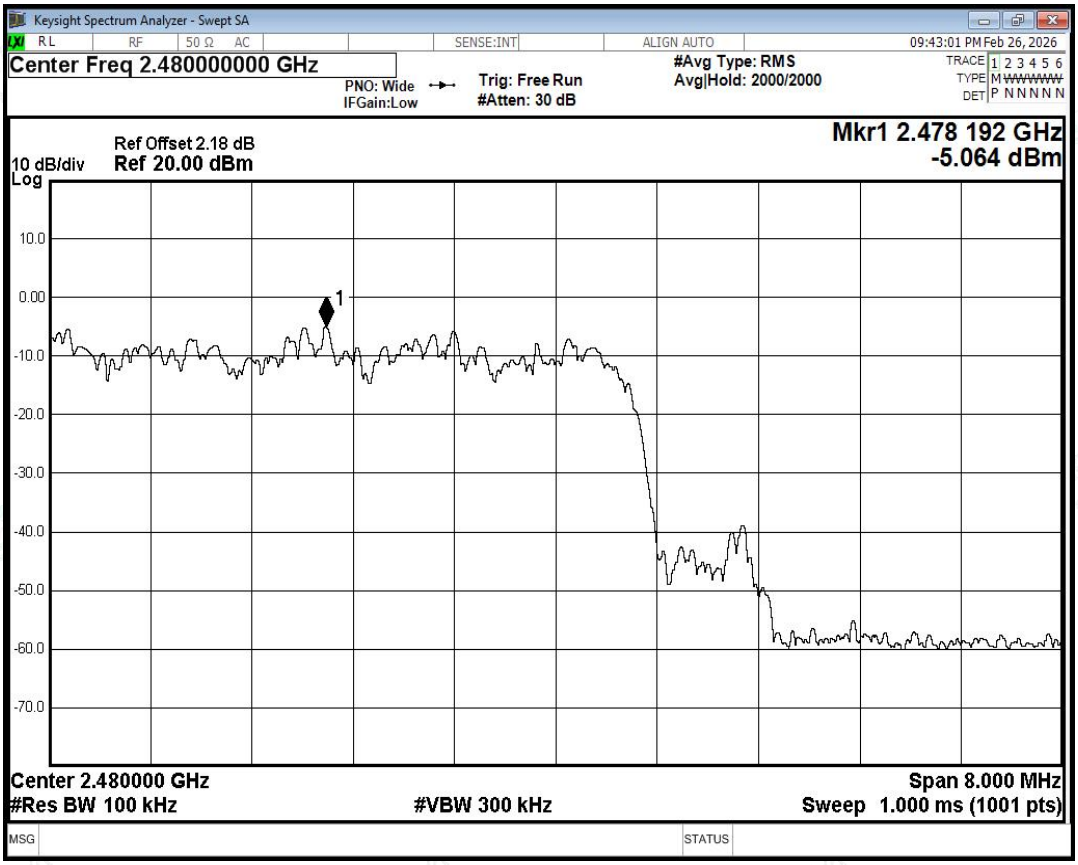
Band Edge(Hopping) NVNT 2-DH5 2480MHz Ant1 Hopping Emission



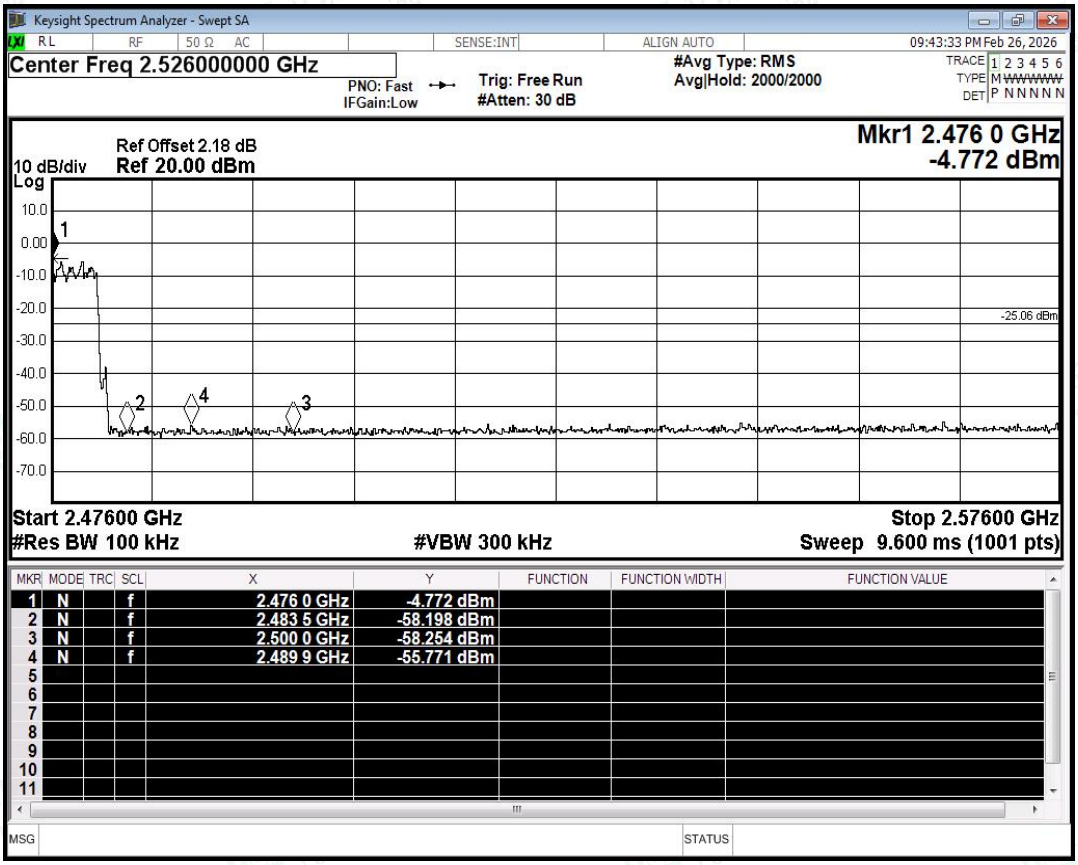
Band Edge(Hopping) NVNT 3-DH5 2402MHz Ant1 Hopping Ref



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



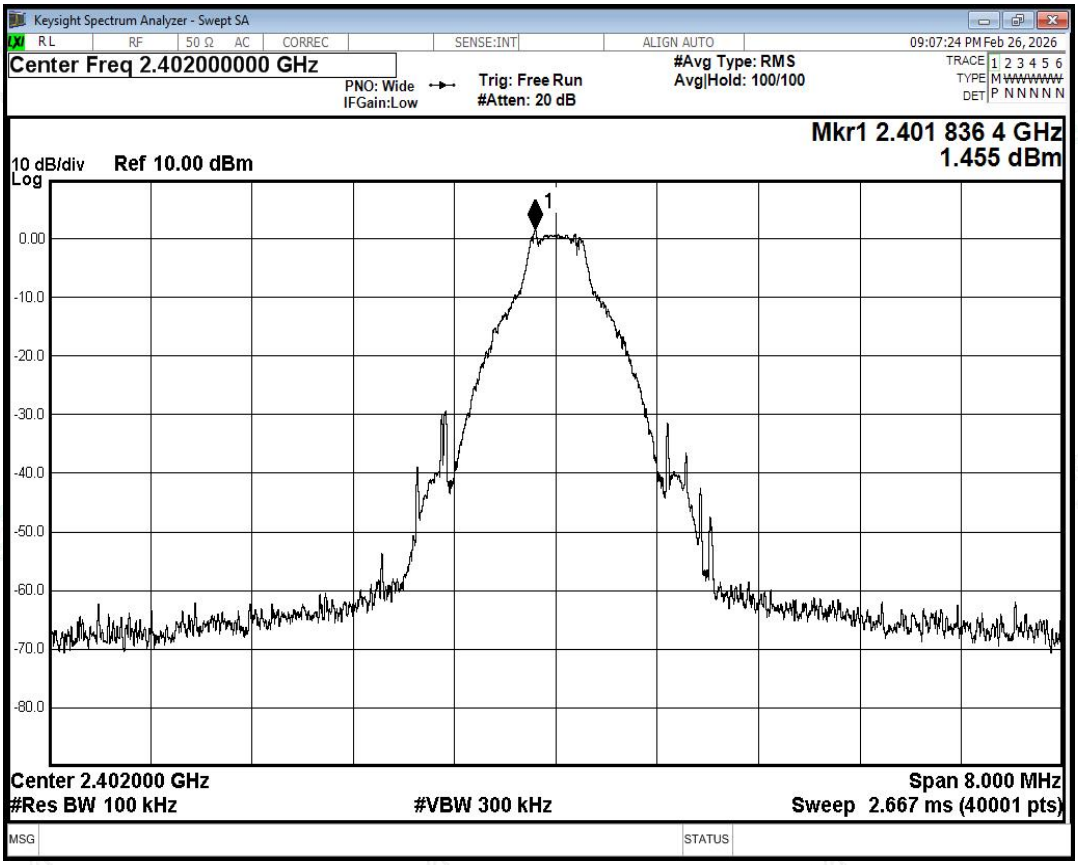
Band Edge(Hopping) NVNT 3-DH5 2480MHz Ant1 Hopping Ref



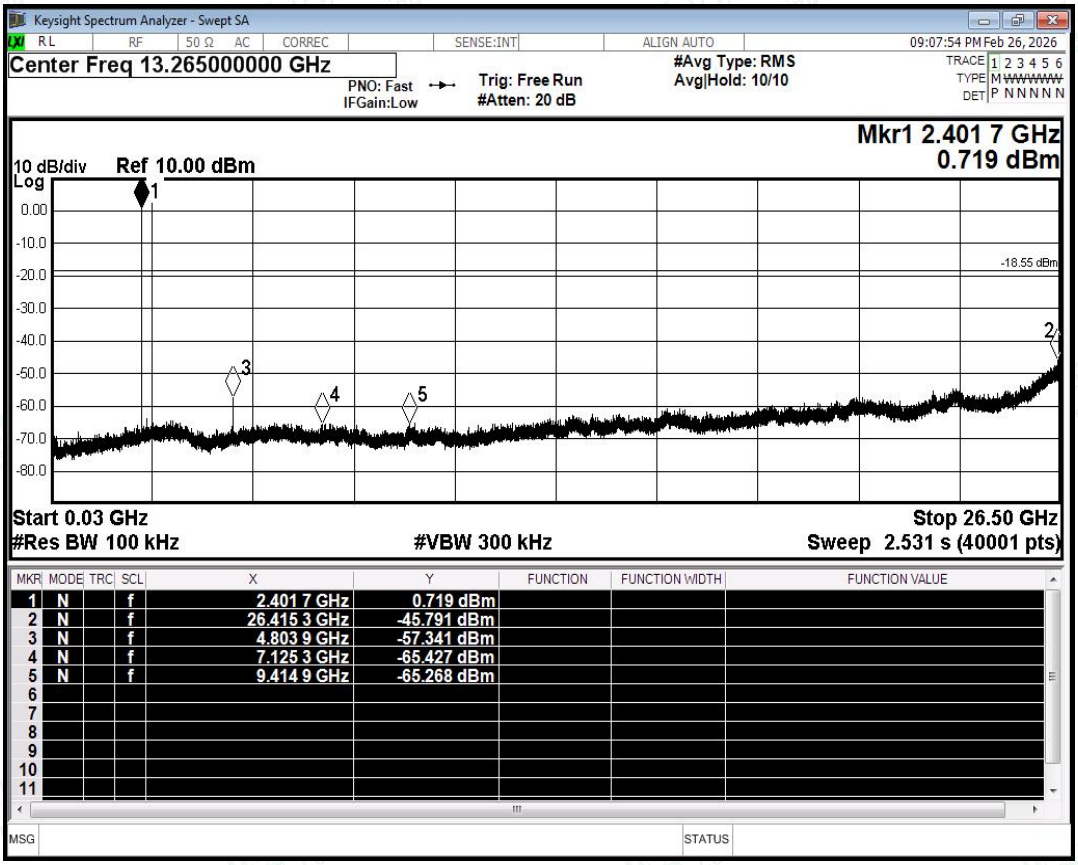
Band Edge(Hopping) NVNT 3-DH5 2480MHz Ant1 Hopping Emission

A.7 Conducted RF Spurious Emission

Condition	Mode	Frequency (MHz)	Antenna	Max Value (dBc)	Limit (dBc)	Verdict
NVNT	1-DH5	2402	Ant1	-47.25	-20	Pass
NVNT	1-DH5	2441	Ant1	-49.76	-20	Pass
NVNT	1-DH5	2480	Ant1	-49.96	-20	Pass
NVNT	2-DH5	2402	Ant1	-41.09	-20	Pass
NVNT	2-DH5	2441	Ant1	-41.27	-20	Pass
NVNT	2-DH5	2480	Ant1	-41.37	-20	Pass
NVNT	3-DH5	2402	Ant1	-40.95	-20	Pass
NVNT	3-DH5	2441	Ant1	-42.65	-20	Pass
NVNT	3-DH5	2480	Ant1	-41.39	-20	Pass

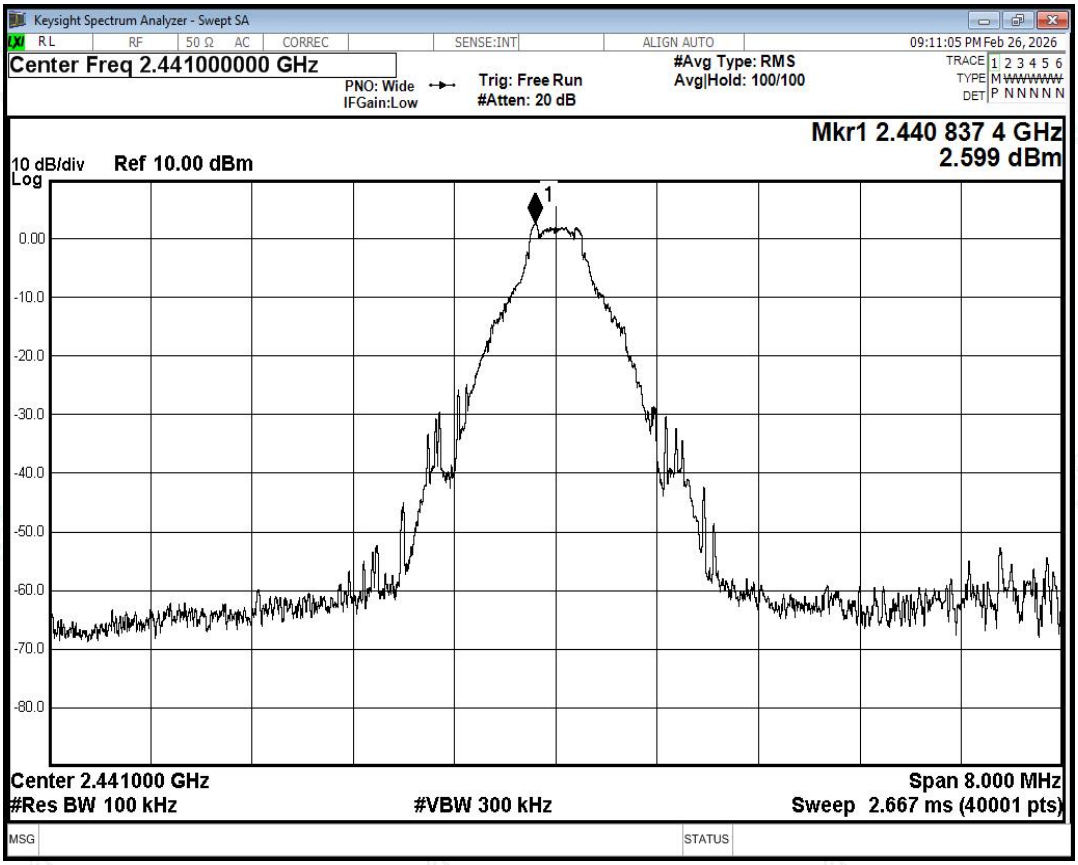


Tx. Spurious NVNT 1-DH5 2402MHz Ant1 Ref

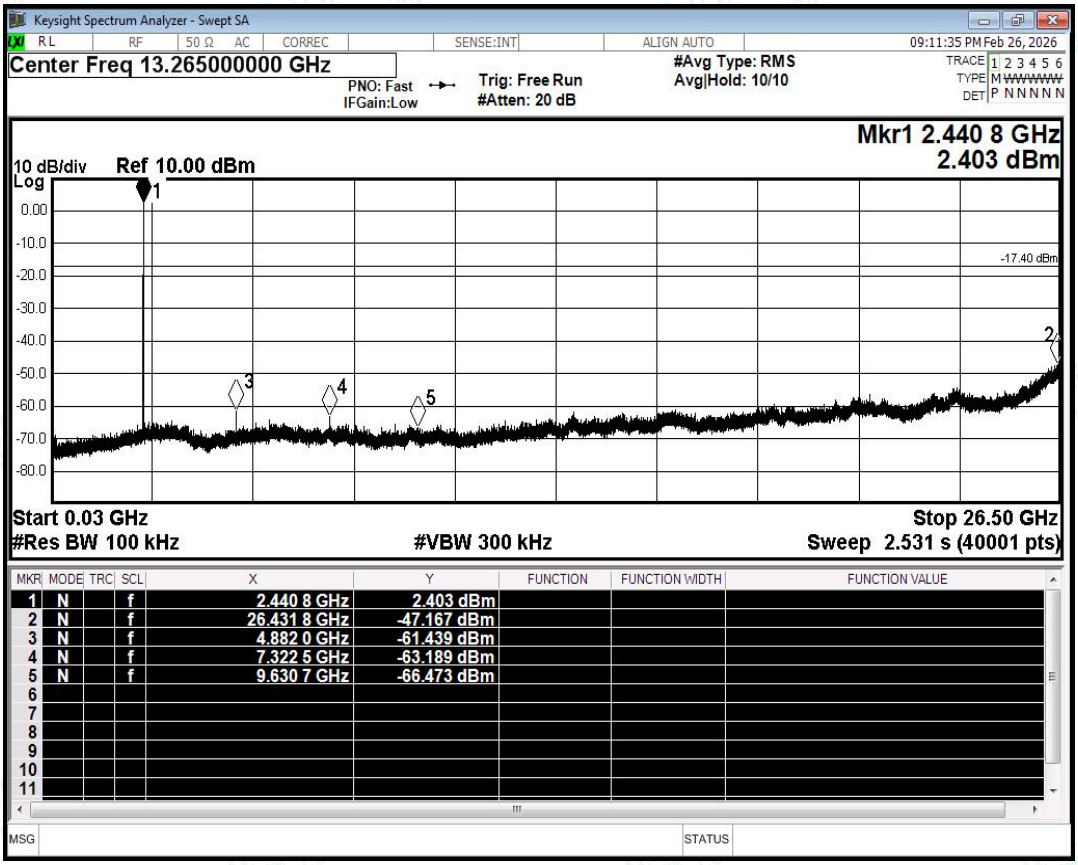


MKR	MODE	TRC	SCL	X	Y	FUNCTION	FUNCTION WIDTH	FUNCTION VALUE
1	N		f	2.401 7 GHz	0.719 dBm			
2	N		f	26.415 3 GHz	-45.791 dBm			
3	N		f	4.803 9 GHz	-57.341 dBm			
4	N		f	7.125 3 GHz	-65.427 dBm			
5	N		f	9.414 9 GHz	-65.268 dBm			
6								
7								
8								
9								
10								
11								

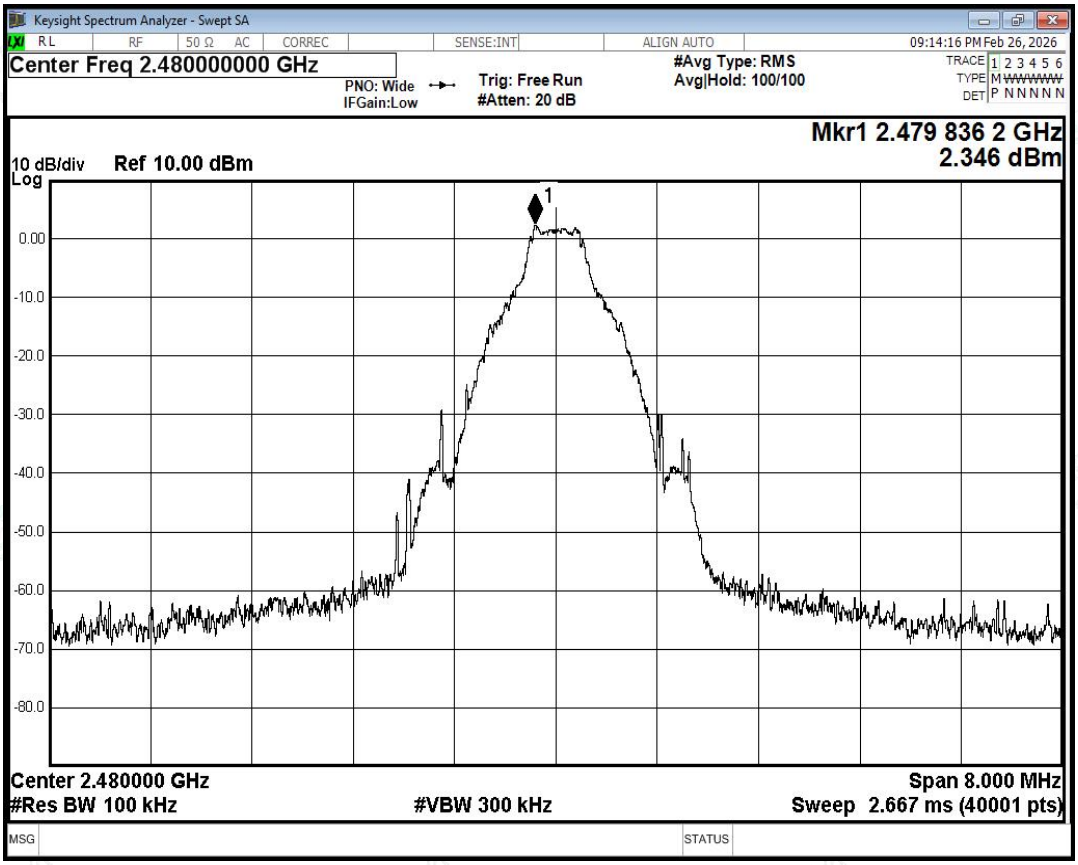
Tx. Spurious NVNT 1-DH5 2402MHz Ant1 Emission



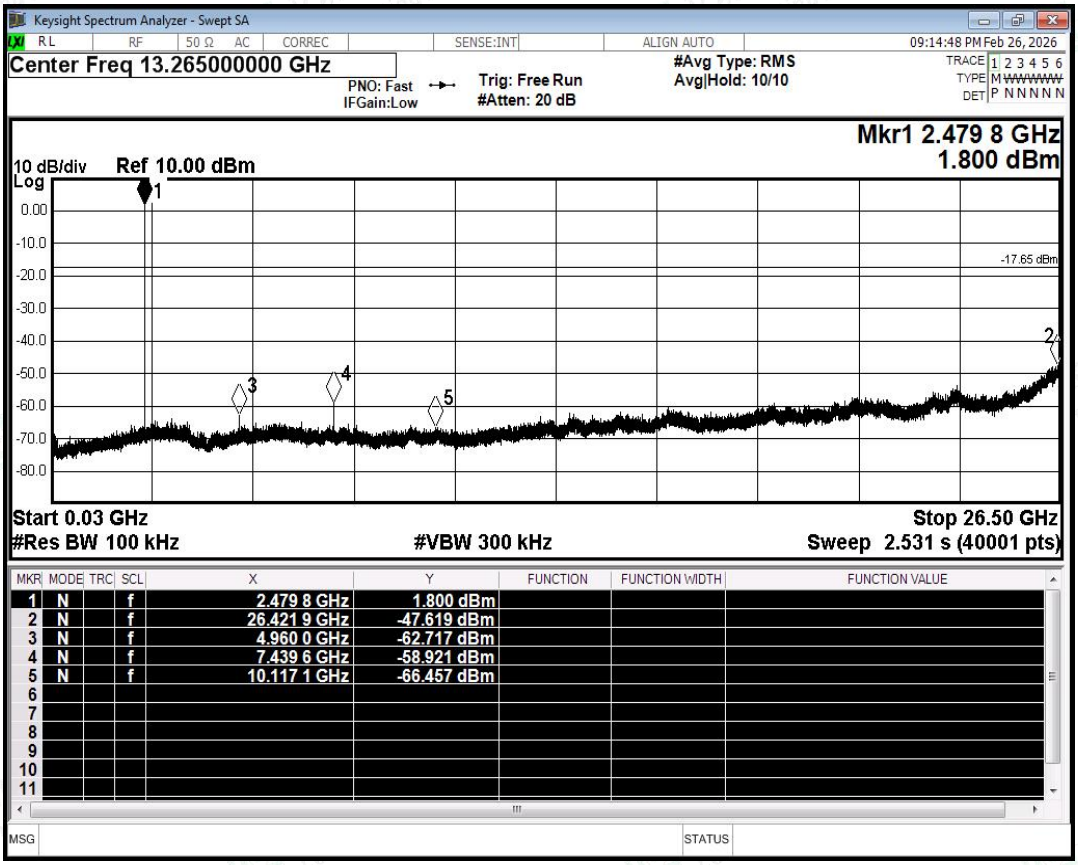
Tx. Spurious NVNT 1-DH5 2441MHz Ant1 Ref



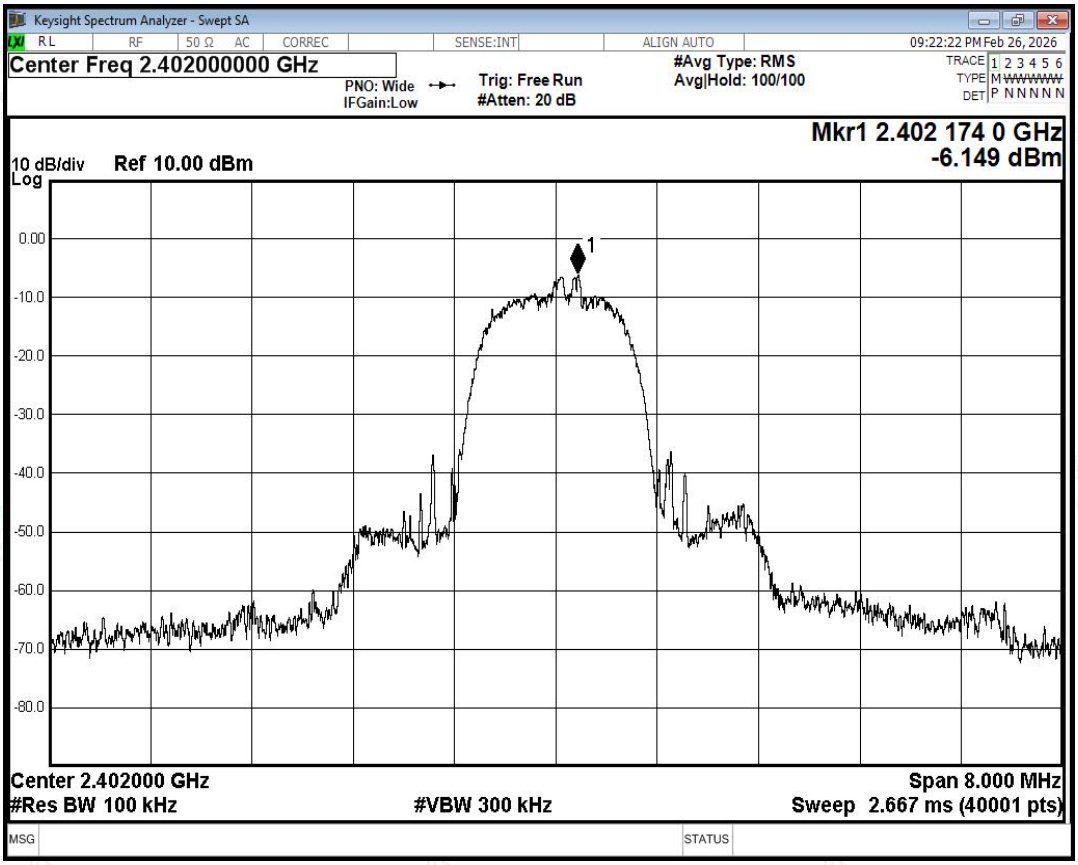
Tx. Spurious NVNT 1-DH5 2441MHz Ant1 Emission



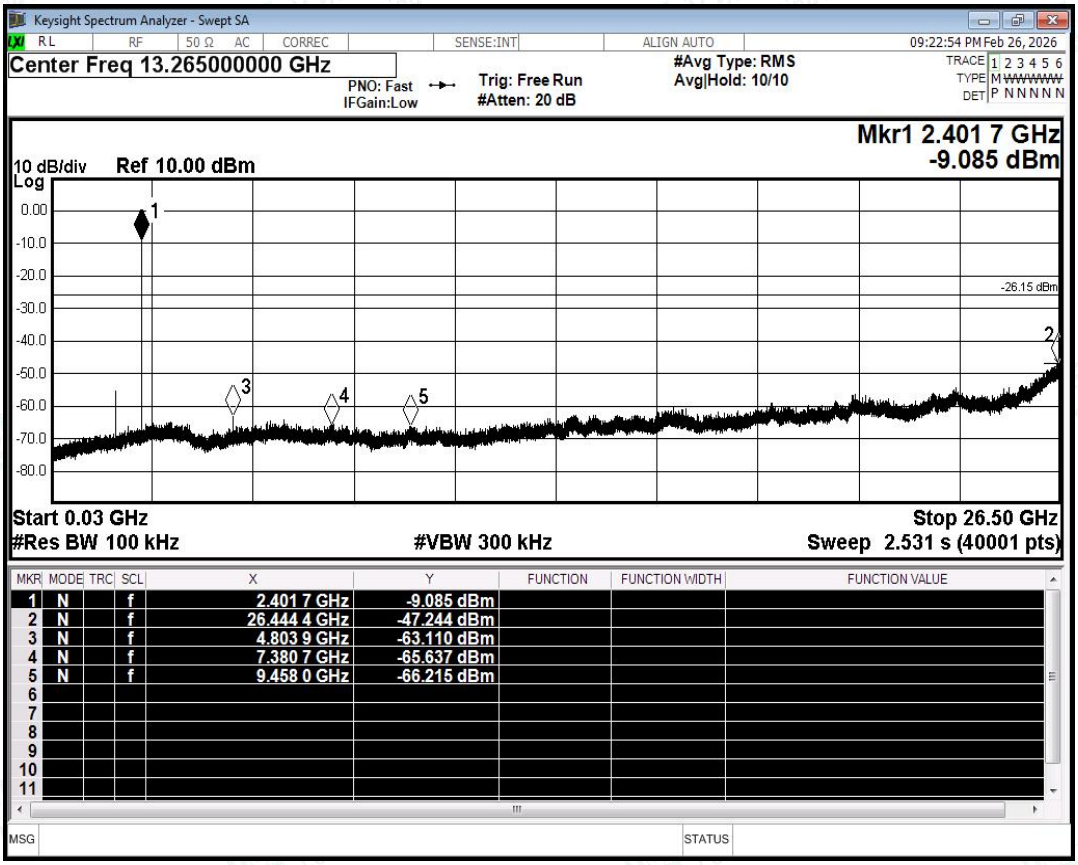
Tx. Spurious NVNT 1-DH5 2480MHz Ant1 Ref



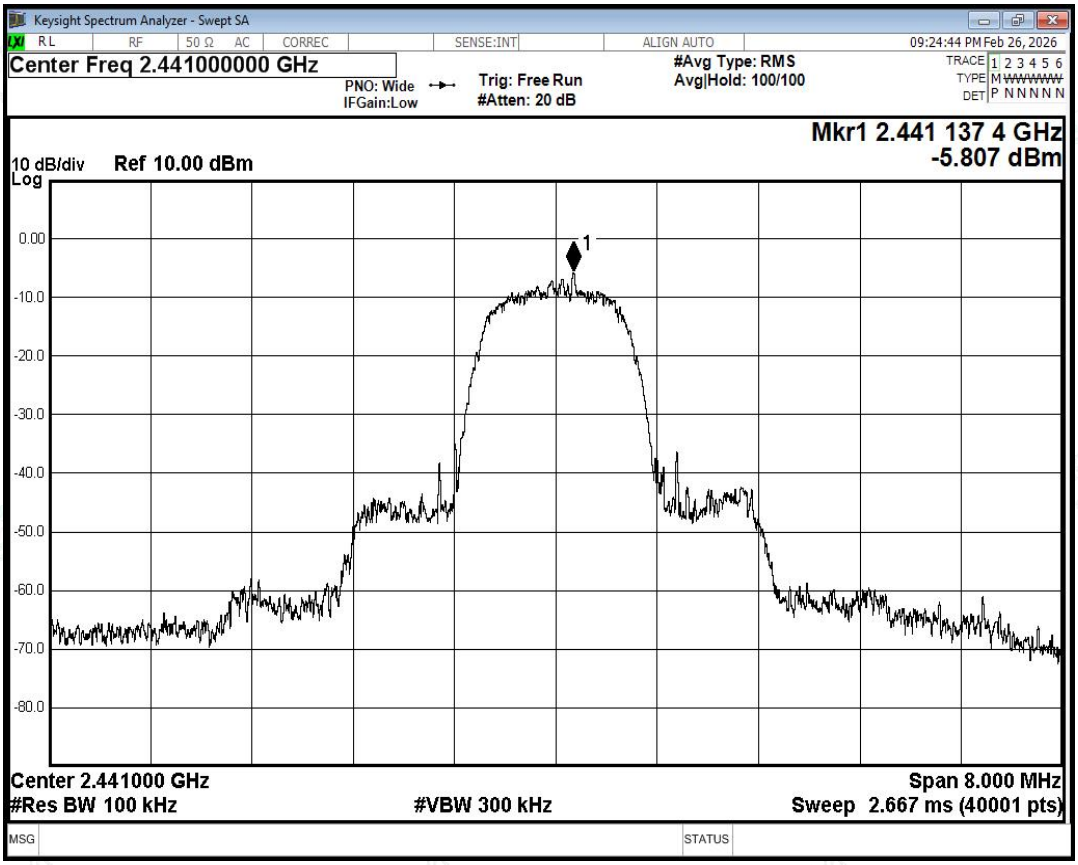
Tx. Spurious NVNT 1-DH5 2480MHz Ant1 Emission



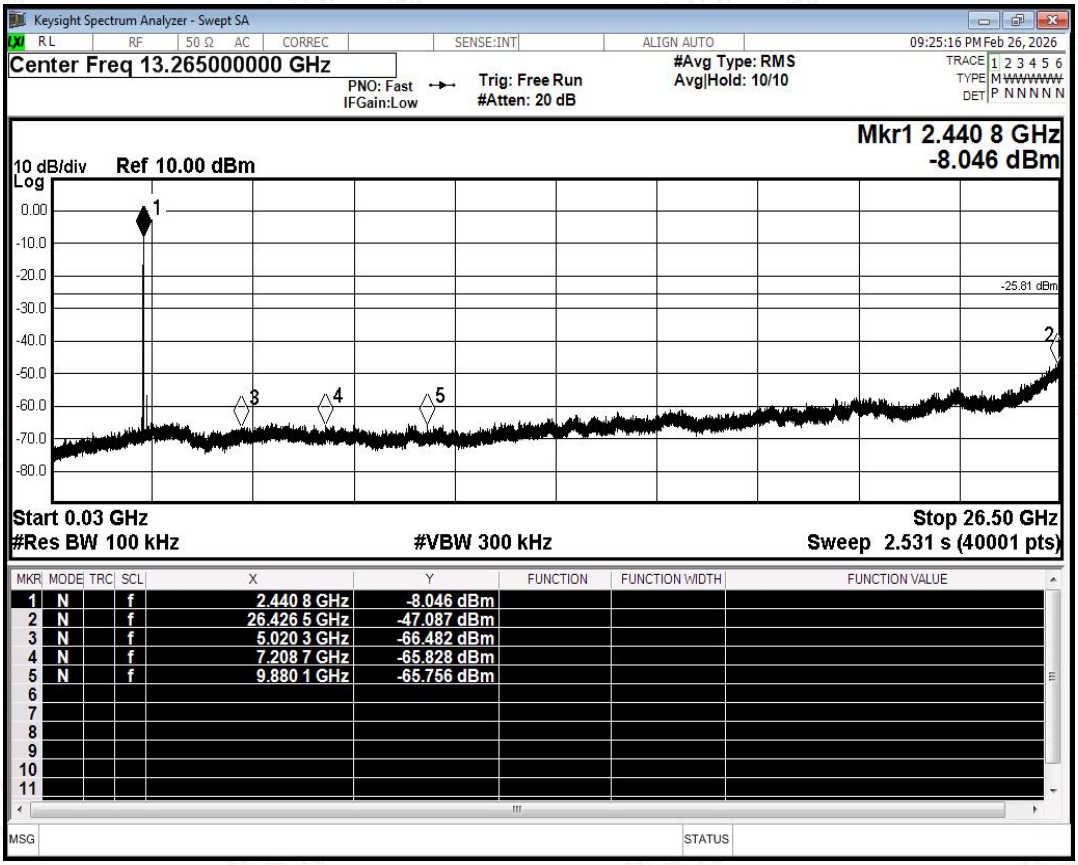
Tx. Spurious NVNT 2-DH5 2402MHz Ant1 Ref



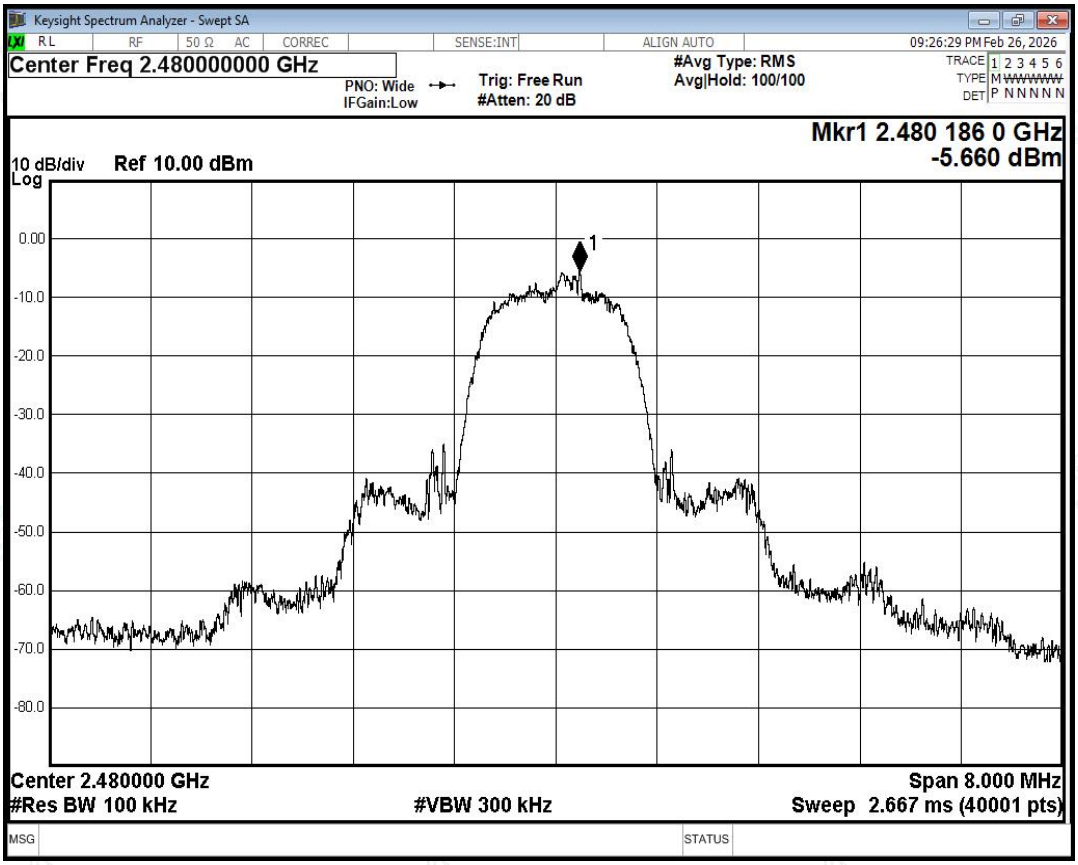
Tx. Spurious NVNT 2-DH5 2402MHz Ant1 Emission



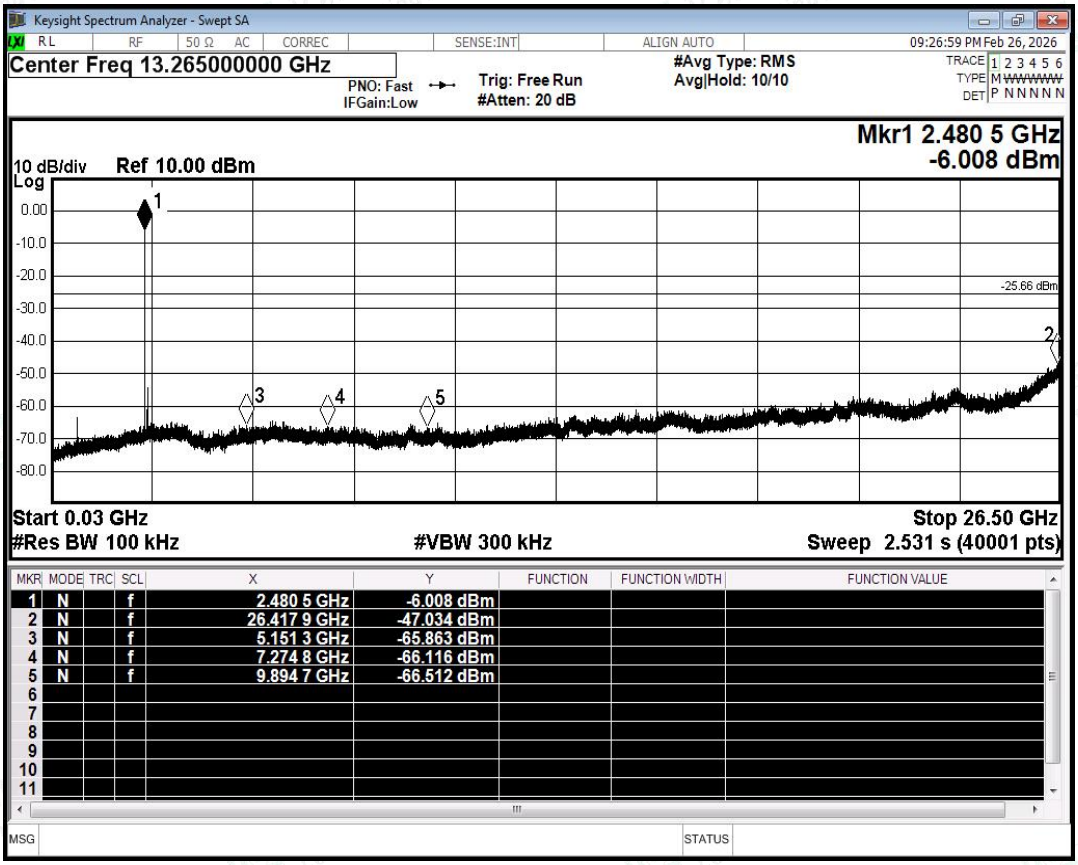
Tx. Spurious NVNT 2-DH5 2441MHz Ant1 Ref



Tx. Spurious NVNT 2-DH5 2441MHz Ant1 Emission

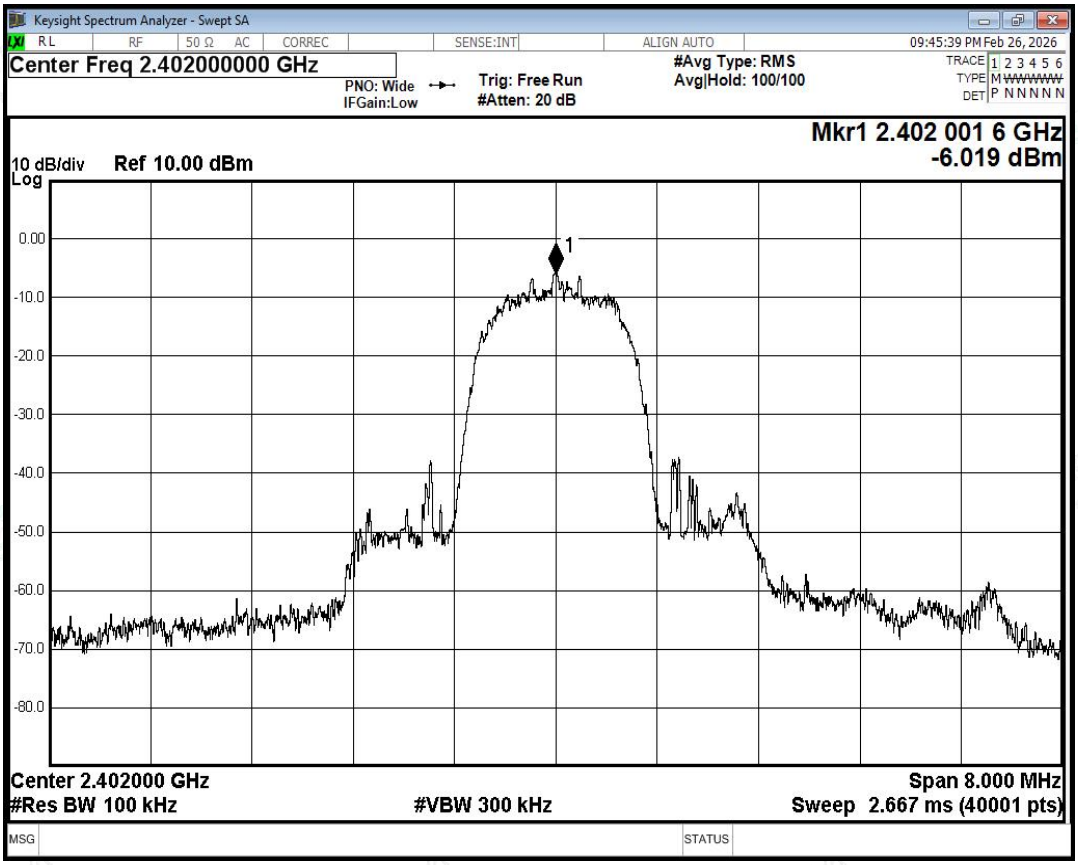


Tx. Spurious NVNT 2-DH5 2480MHz Ant1 Ref

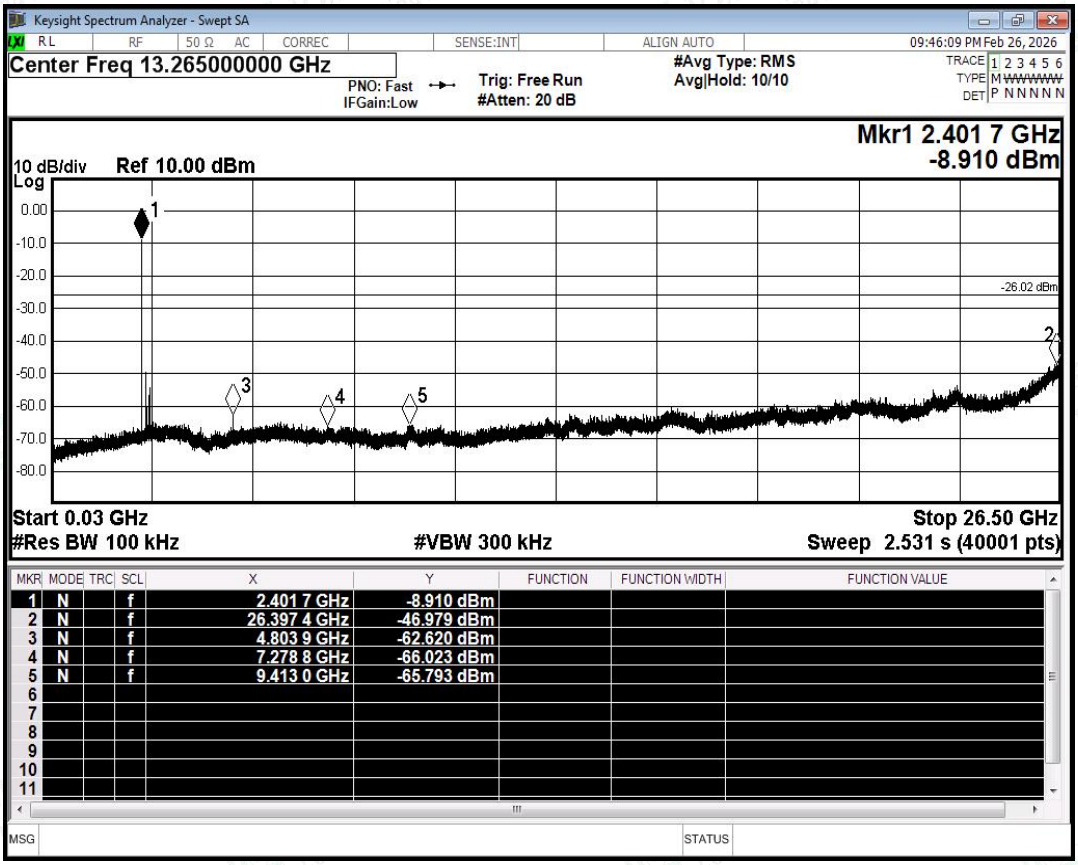


MKR	MODE	TRC	SCL	X	Y	FUNCTION	FUNCTION WIDTH	FUNCTION VALUE
1	N		f	2.480 5 GHz	-6.008 dBm			
2	N		f	26.417 9 GHz	-47.034 dBm			
3	N		f	5.151 3 GHz	-65.863 dBm			
4	N		f	7.274 8 GHz	-66.116 dBm			
5	N		f	9.894 7 GHz	-66.512 dBm			
6								
7								
8								
9								
10								
11								

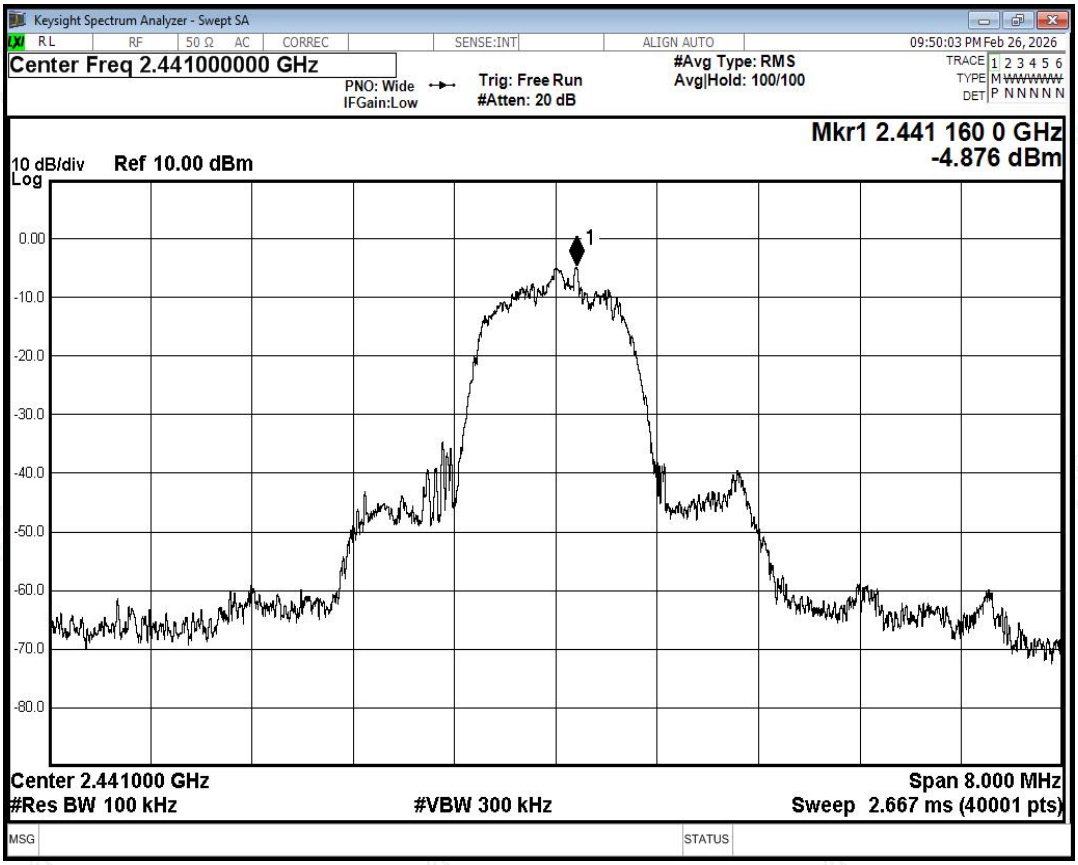
Tx. Spurious NVNT 2-DH5 2480MHz Ant1 Emission



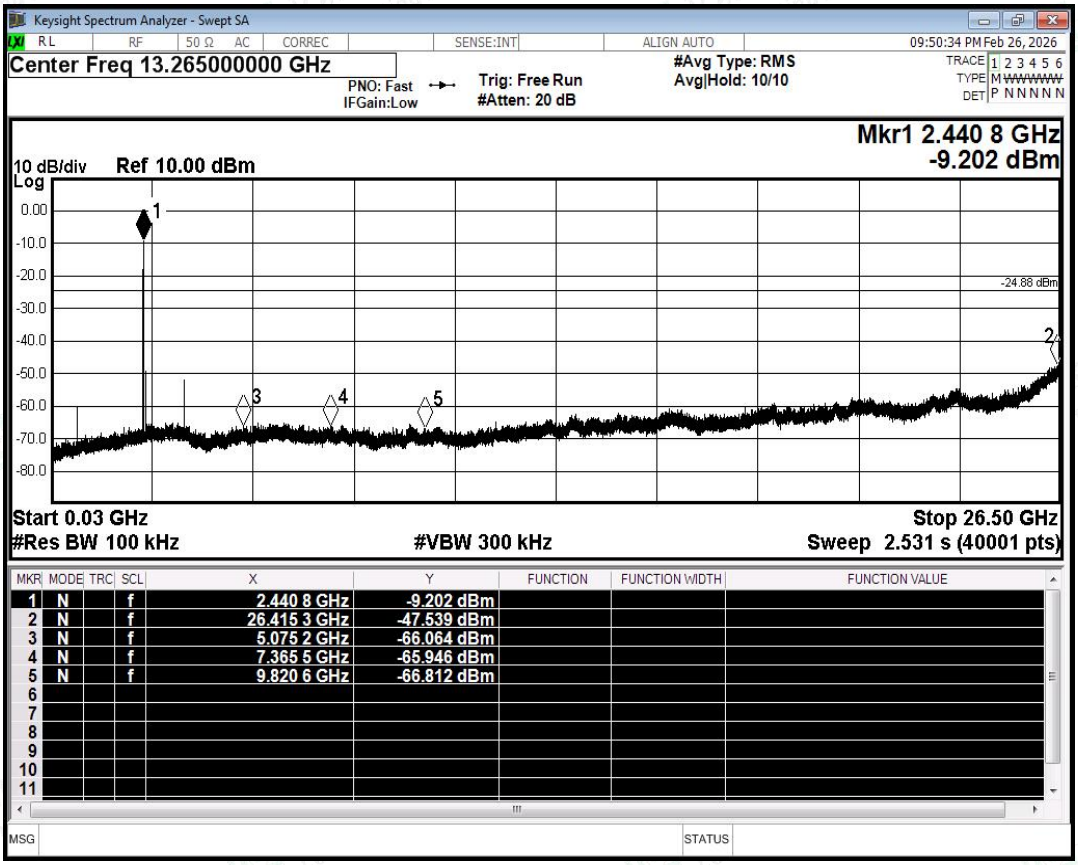
Tx. Spurious NVNT 3-DH5 2402MHz Ant1 Ref



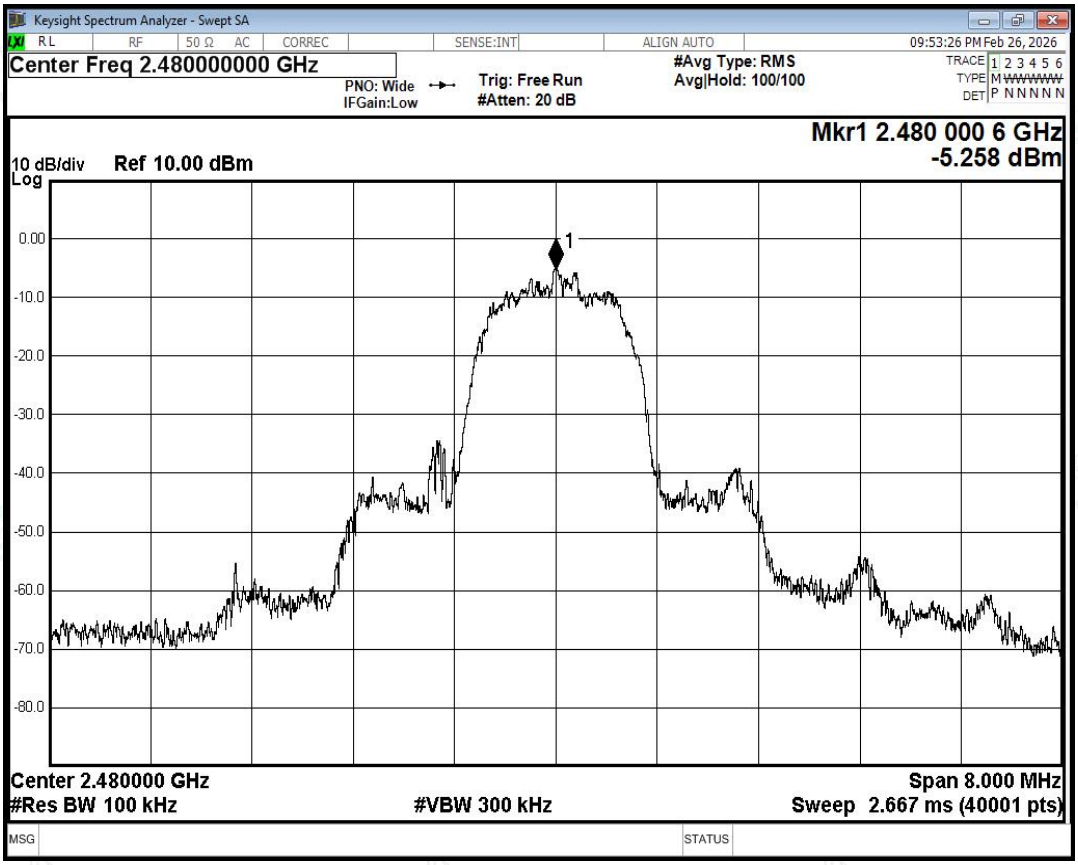
Tx. Spurious NVNT 3-DH5 2402MHz Ant1 Emission



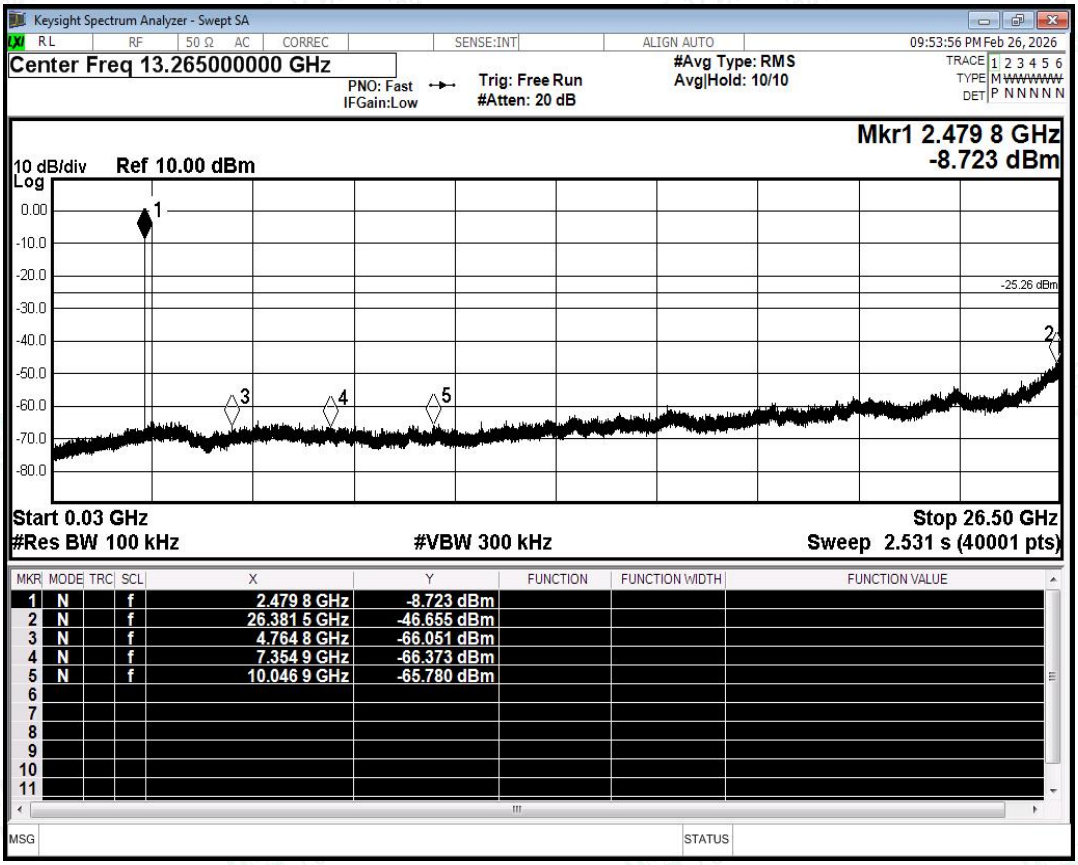
Tx. Spurious NVNT 3-DH5 2441MHz Ant1 Ref



Tx. Spurious NVNT 3-DH5 2441MHz Ant1 Emission



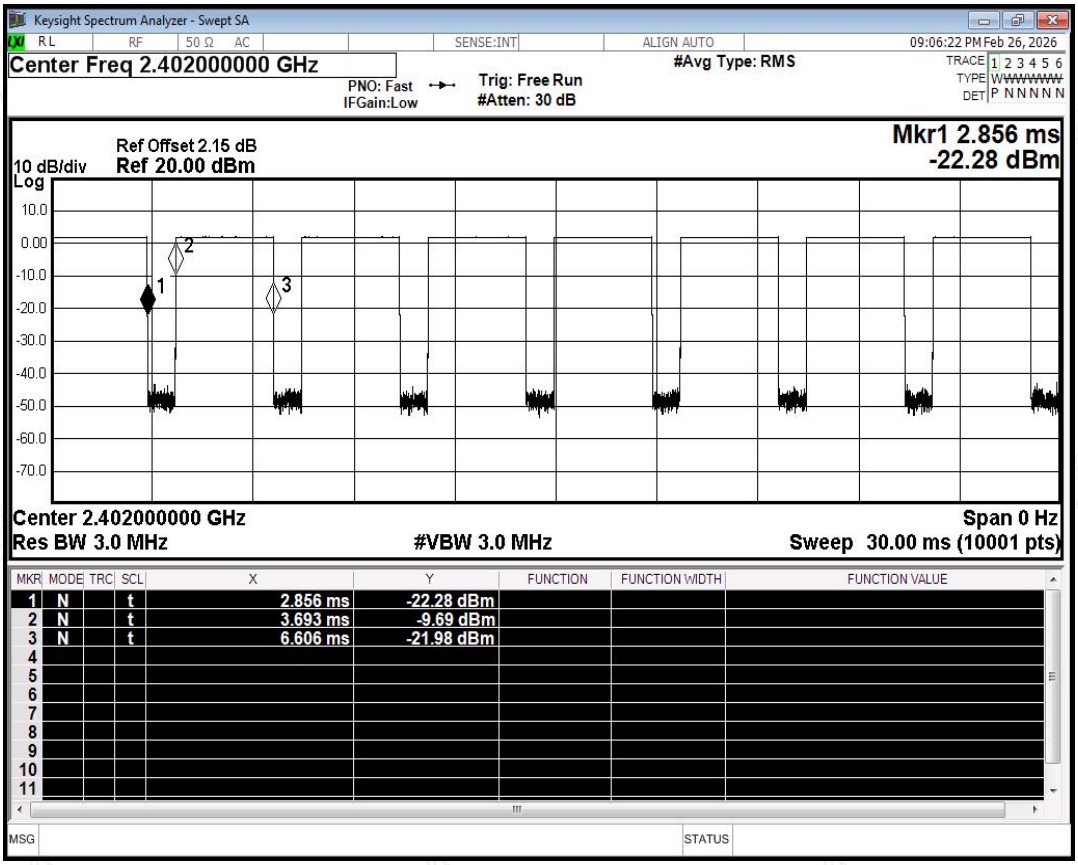
Tx. Spurious NVNT 3-DH5 2480MHz Ant1 Ref



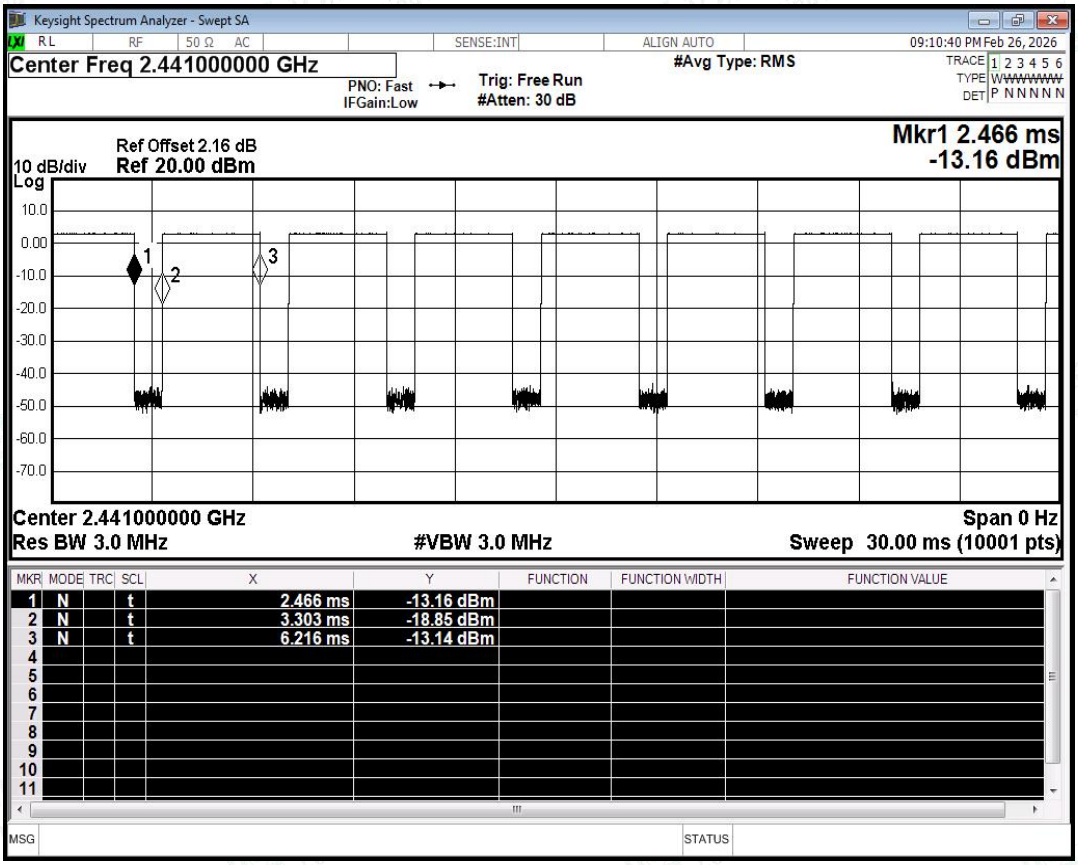
Tx. Spurious NVNT 3-DH5 2480MHz Ant1 Emission

A.8 Duty Cycle

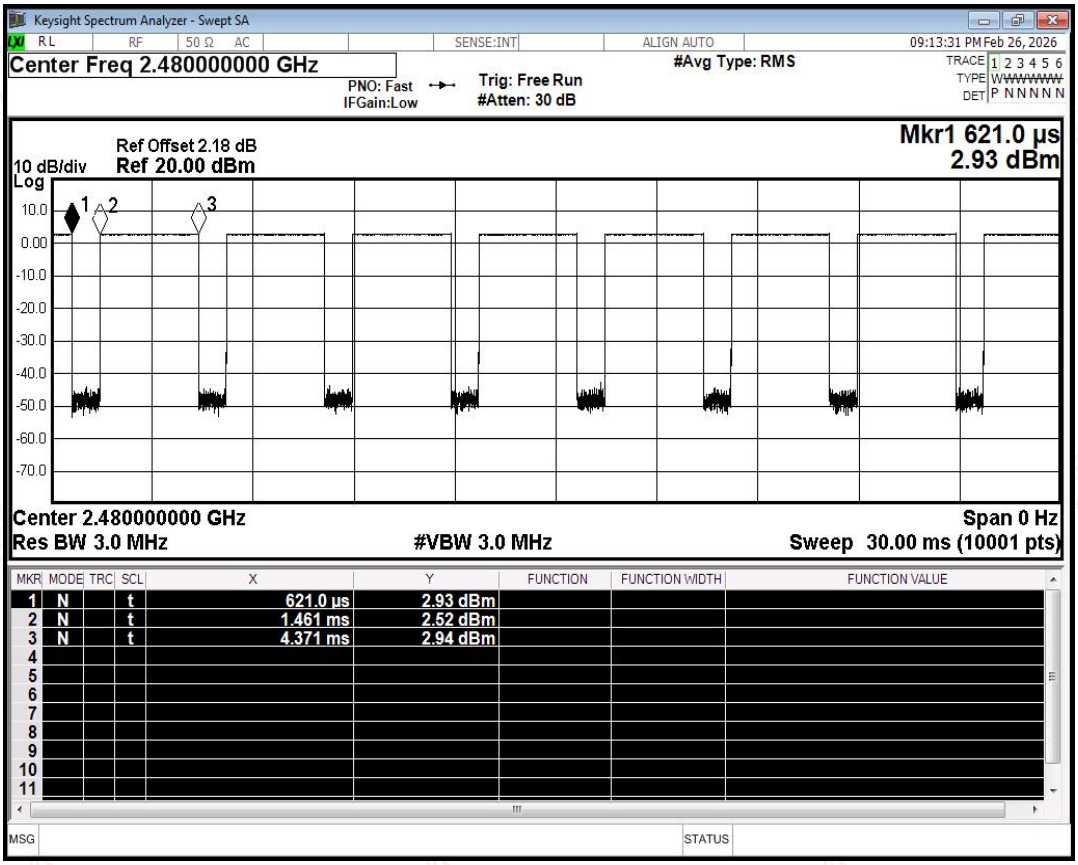
Condition	Mode	Frequency (MHz)	Antenna	Duty Cycle (%)	Correction Factor (dB)	1/T (kHz)
NVNT	1-DH5	2402	Ant1	77.68	1.1	0.34
NVNT	1-DH5	2441	Ant1	77.68	1.1	0.34
NVNT	1-DH5	2480	Ant1	77.6	1.1	0.34
NVNT	2-DH5	2402	Ant1	77.28	1.12	0.35
NVNT	2-DH5	2441	Ant1	77.36	1.11	0.34
NVNT	2-DH5	2480	Ant1	77.28	1.12	0.35
NVNT	3-DH5	2402	Ant1	77.28	1.12	0.35
NVNT	3-DH5	2441	Ant1	13.94	8.56	7.25
NVNT	3-DH5	2480	Ant1	77.28	1.12	0.35



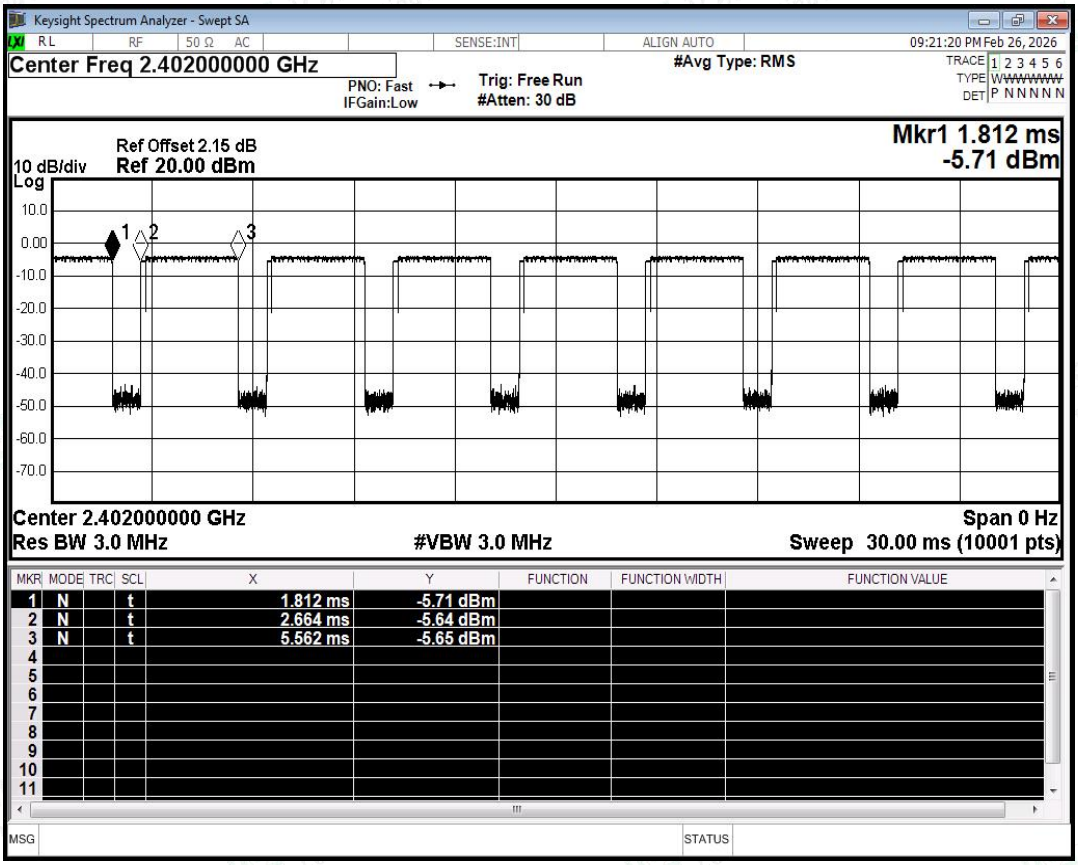
Duty Cycle NVNT 1-DH5 2402MHz Ant1



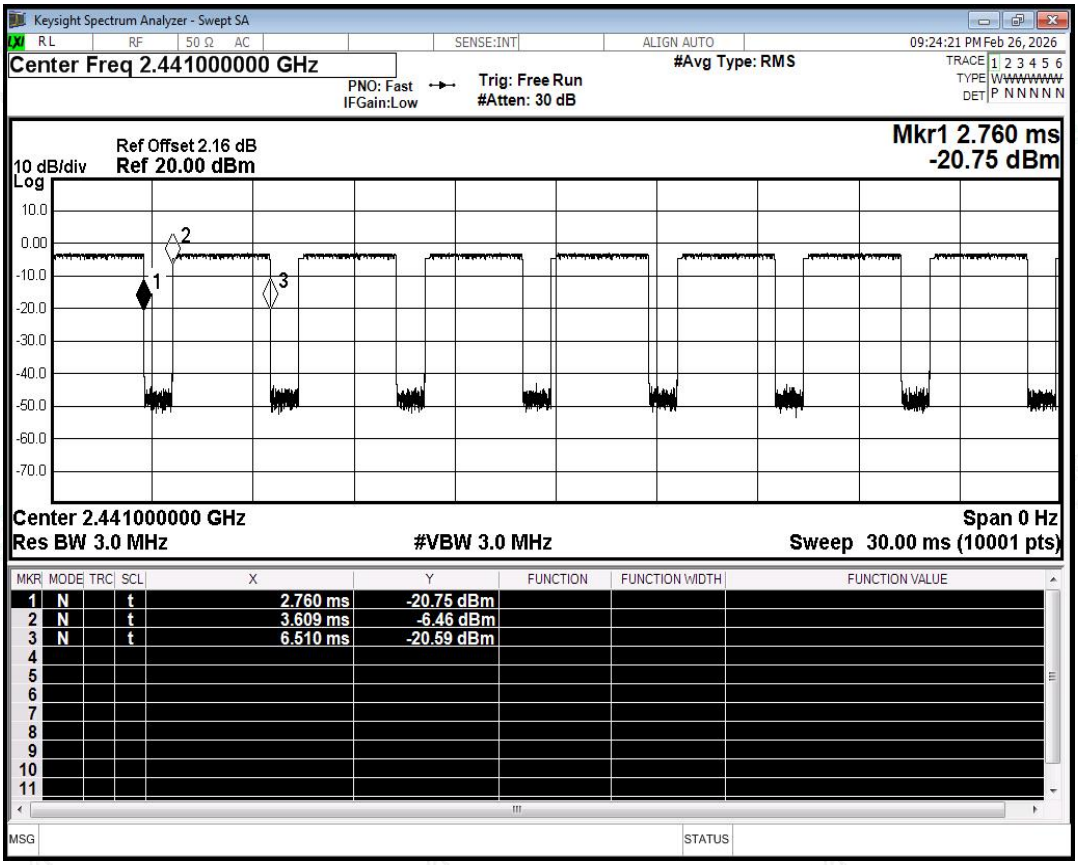
Duty Cycle NVNT 1-DH5 2441MHz Ant1



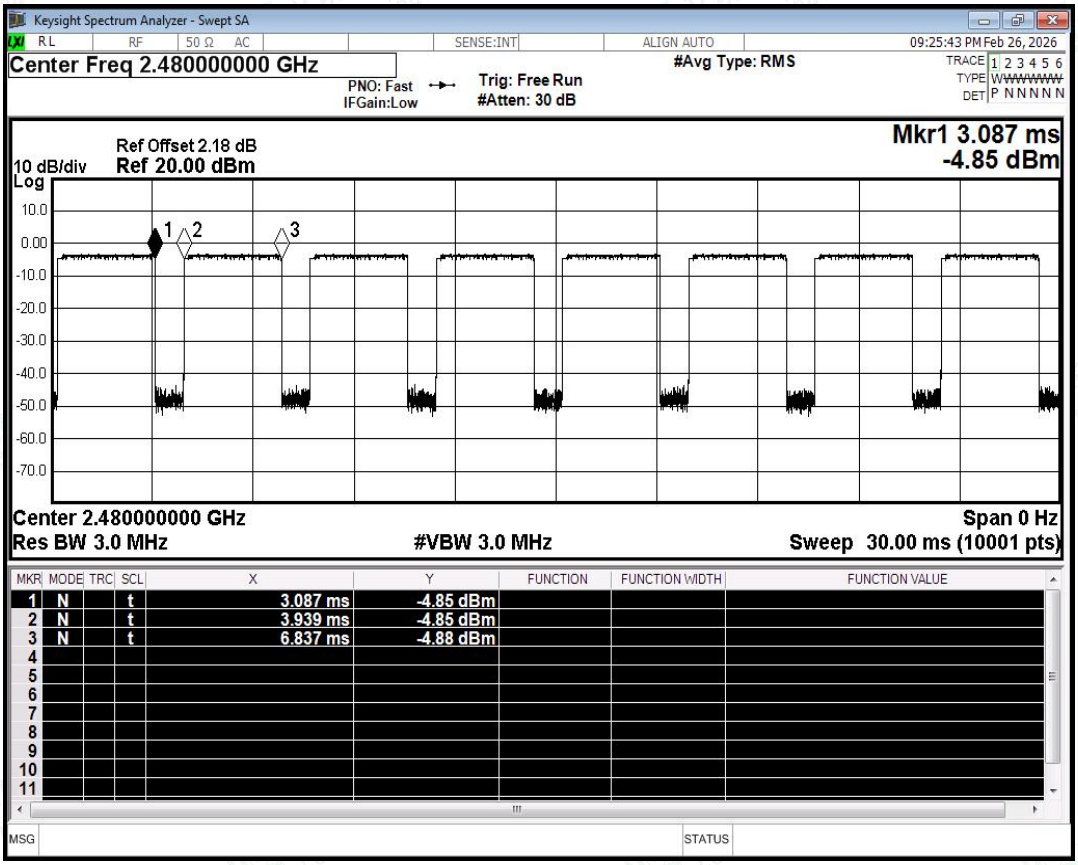
Duty Cycle NVNT 1-DH5 2480MHz Ant1



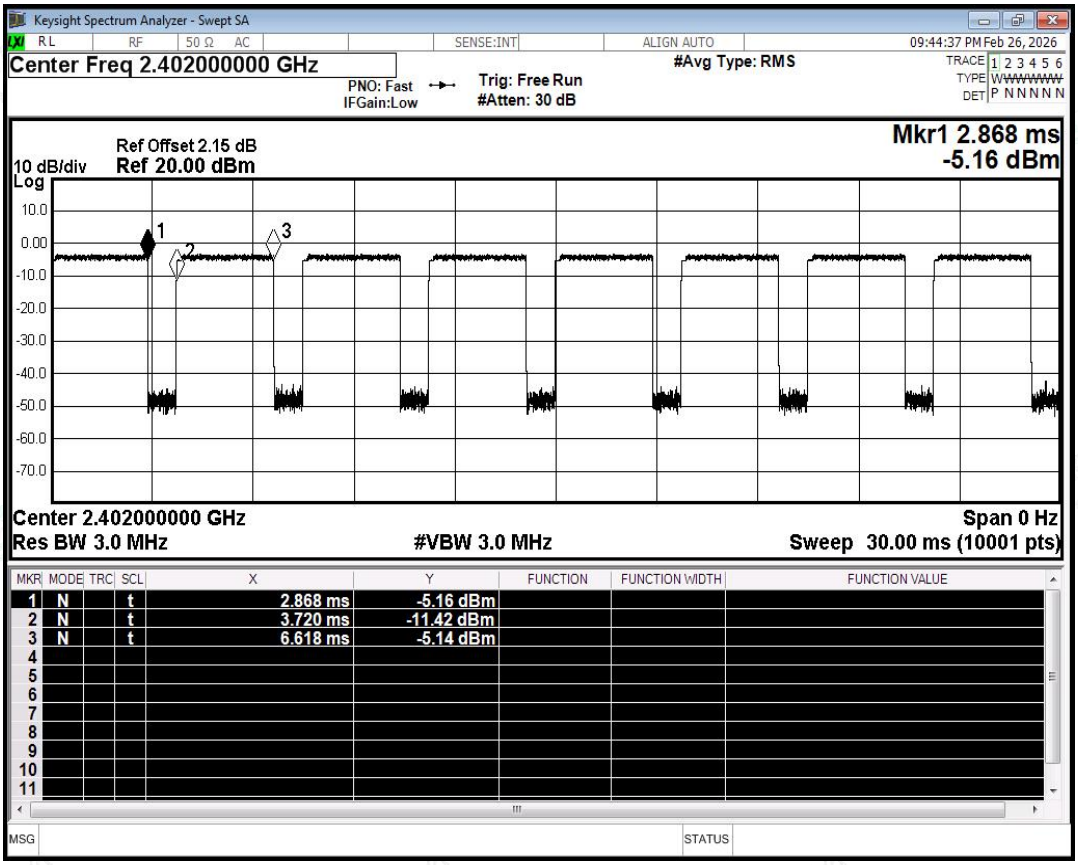
Duty Cycle NVNT 2-DH5 2402MHz Ant1



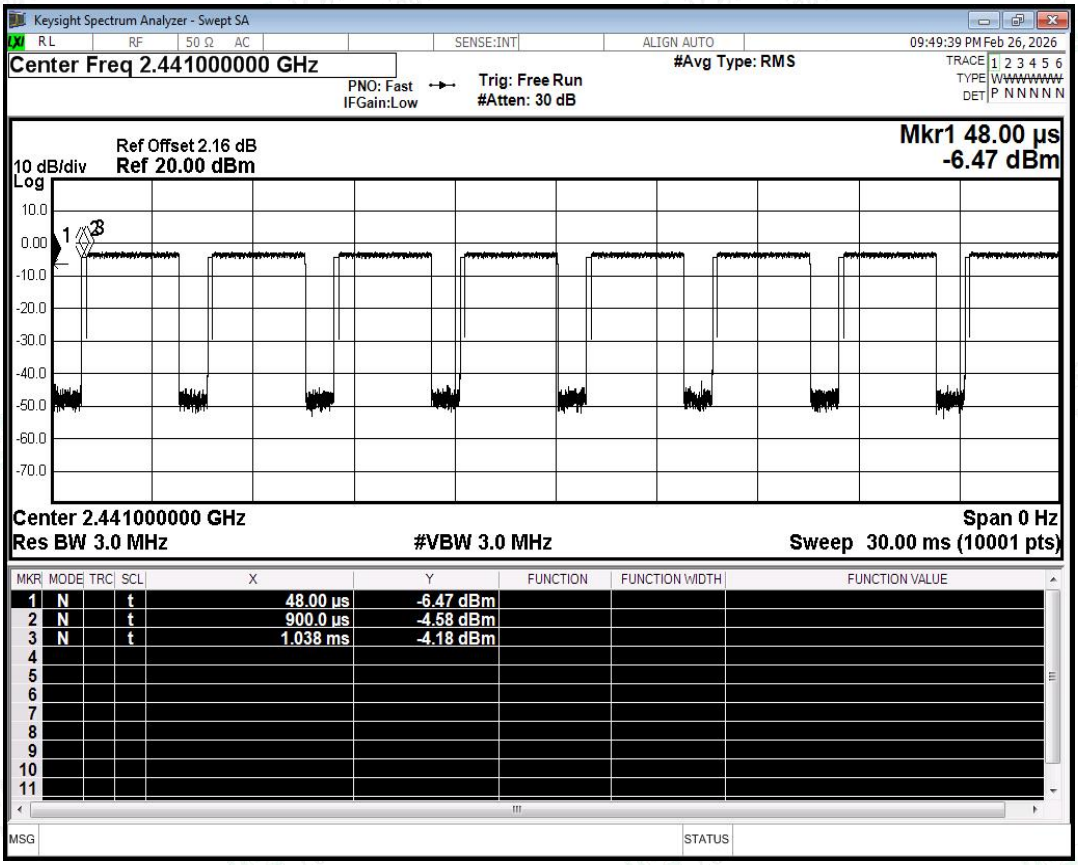
Duty Cycle NVNT 2-DH5 2441MHz Ant1



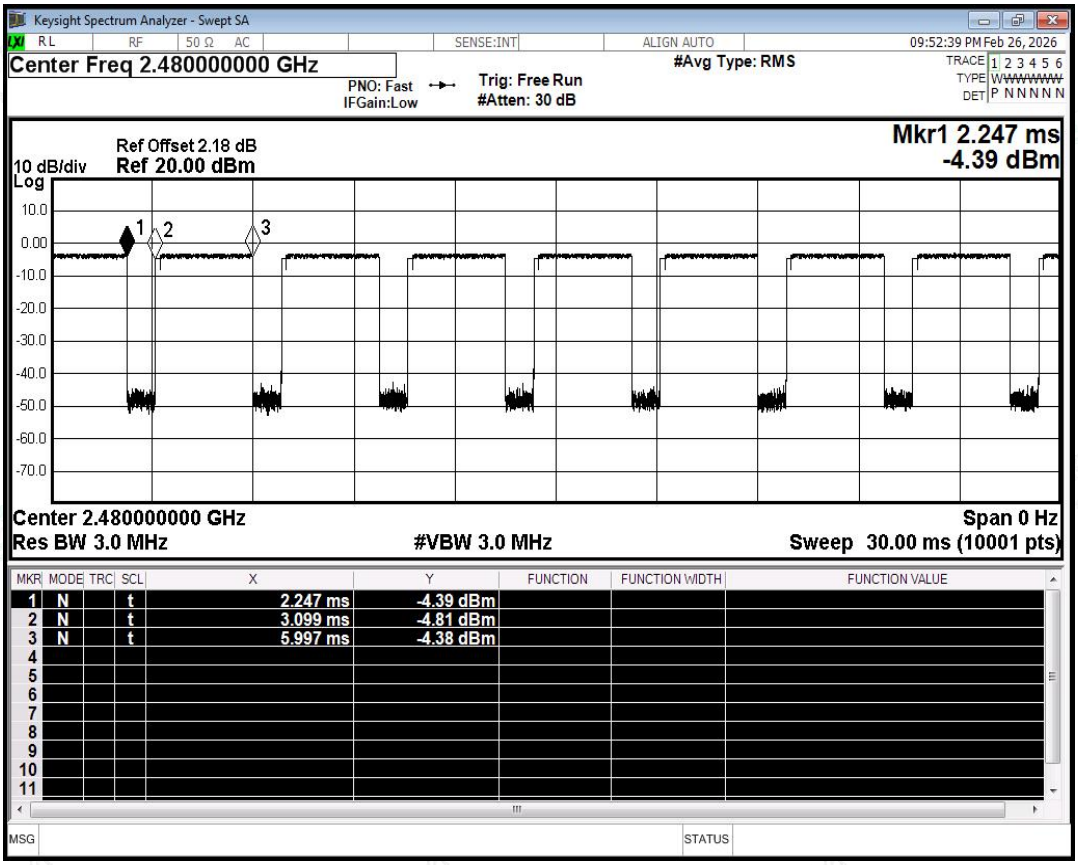
Duty Cycle NVNT 2-DH5 2480MHz Ant1



Duty Cycle NVNT 3-DH5 2402MHz Ant1



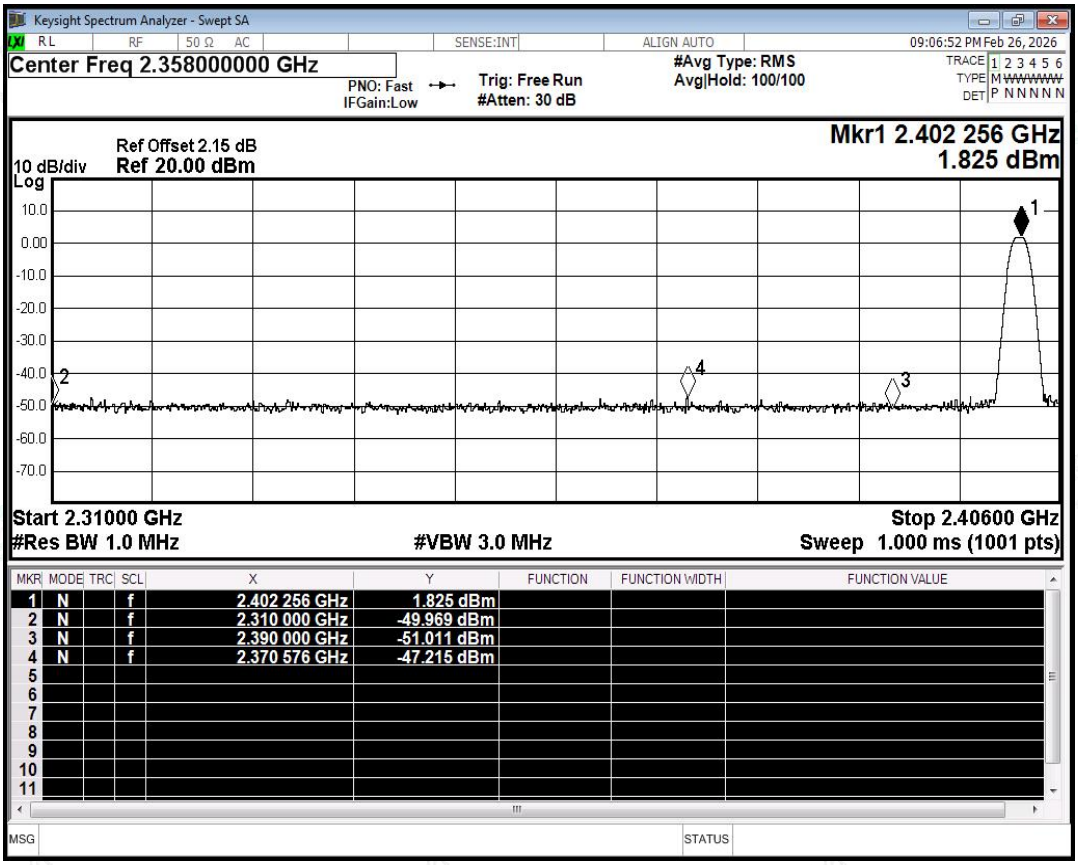
Duty Cycle NVNT 3-DH5 2441MHz Ant1



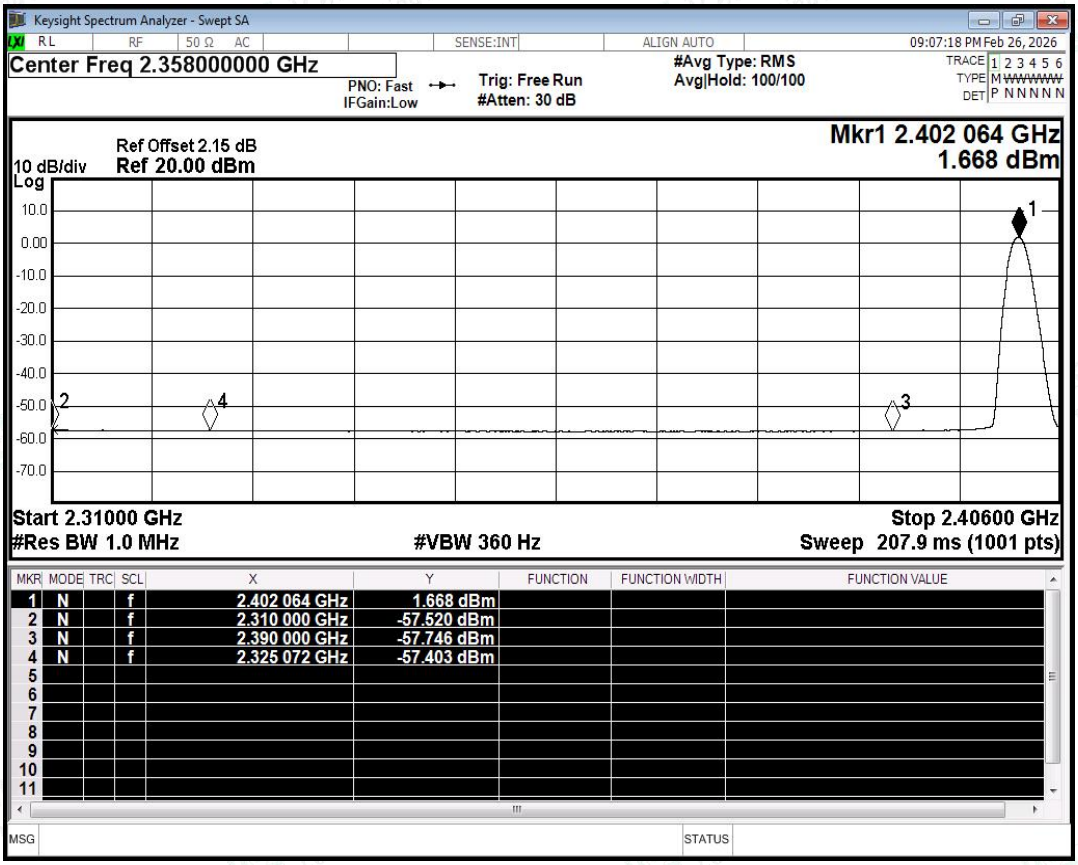
Duty Cycle NVNT 3-DH5 2480MHz Ant1

A.9 Restrict Band

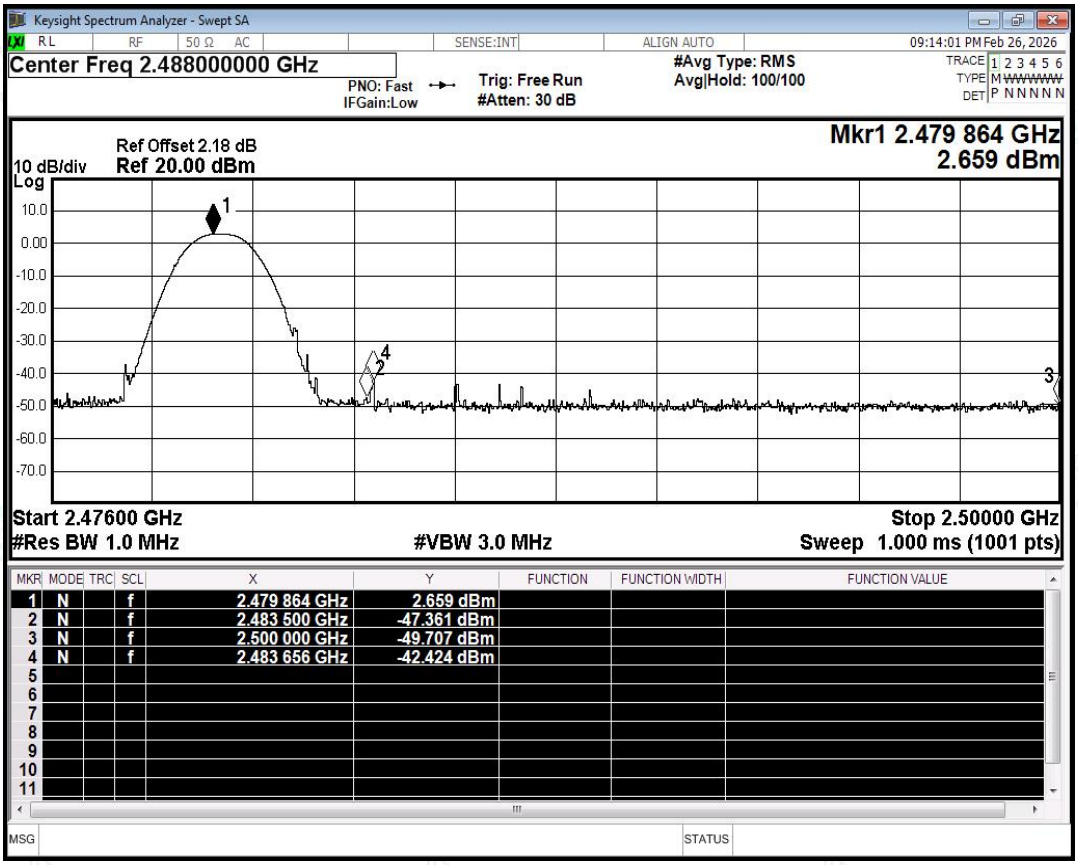
Condition	Mode	Frequency (MHz)	Antenna	Hopping Mode	Spur Freq (MHz)	Power (dBm)	Gain (dBi)	E (dBuV/m)	Detector	Limit (dBuV/m)	Verdict
NVNT	1-DH5	2402	Ant1	No-Hopping	2310	-49.96	3.3	48.60	Peak	74	Pass
NVNT	1-DH5	2402	Ant1	No-Hopping	2310	-57.52	3.3	41.04	Average	54	Pass
NVNT	1-DH5	2402	Ant1	No-Hopping	2370.576	-47.21	3.3	51.35	Peak	74	Pass
NVNT	1-DH5	2402	Ant1	No-Hopping	2325.072	-57.4	3.3	41.16	Average	54	Pass
NVNT	1-DH5	2402	Ant1	No-Hopping	2390	-49.43	3.3	49.13	Peak	74	Pass
NVNT	1-DH5	2402	Ant1	No-Hopping	2390	-57.68	3.3	40.88	Average	54	Pass
NVNT	1-DH5	2480	Ant1	No-Hopping	2483.5	-47.36	3.3	51.20	Peak	74	Pass
NVNT	1-DH5	2480	Ant1	No-Hopping	2483.5	-54.9	3.3	43.66	Average	54	Pass
NVNT	1-DH5	2480	Ant1	No-Hopping	2483.656	-42.42	3.3	56.14	Peak	74	Pass
NVNT	1-DH5	2480	Ant1	No-Hopping	2483.512	-54.9	3.3	43.66	Average	54	Pass
NVNT	1-DH5	2480	Ant1	No-Hopping	2500	-49.7	3.3	48.86	Peak	74	Pass
NVNT	1-DH5	2480	Ant1	No-Hopping	2500	-57.29	3.3	41.27	Average	54	Pass
NVNT	2-DH5	2402	Ant1	No-Hopping	2310	-50.41	3.3	48.15	Peak	74	Pass
NVNT	2-DH5	2402	Ant1	No-Hopping	2310	-57.59	3.3	40.97	Average	54	Pass
NVNT	2-DH5	2402	Ant1	No-Hopping	2356.752	-47.07	3.3	51.49	Peak	74	Pass
NVNT	2-DH5	2402	Ant1	No-Hopping	2312.496	-57.37	3.3	41.19	Average	54	Pass
NVNT	2-DH5	2402	Ant1	No-Hopping	2390	-51.21	3.3	47.35	Peak	74	Pass
NVNT	2-DH5	2402	Ant1	No-Hopping	2390	-57.65	3.3	40.91	Average	54	Pass
NVNT	2-DH5	2480	Ant1	No-Hopping	2483.5	-49.4	3.3	49.16	Peak	74	Pass
NVNT	2-DH5	2480	Ant1	No-Hopping	2483.5	-56.11	3.3	42.45	Average	54	Pass
NVNT	2-DH5	2480	Ant1	No-Hopping	2485.384	-45.93	3.3	52.63	Peak	74	Pass
NVNT	2-DH5	2480	Ant1	No-Hopping	2483.512	-56.11	3.3	42.45	Average	54	Pass
NVNT	2-DH5	2480	Ant1	No-Hopping	2500	-49.33	3.3	49.23	Peak	74	Pass
NVNT	2-DH5	2480	Ant1	No-Hopping	2500	-57.41	3.3	41.15	Average	54	Pass
NVNT	3-DH5	2402	Ant1	No-Hopping	2310	-50.06	3.3	48.50	Peak	74	Pass
NVNT	3-DH5	2402	Ant1	No-Hopping	2310	-57.57	3.3	40.99	Average	54	Pass
NVNT	3-DH5	2402	Ant1	No-Hopping	2323.056	-46.7	3.3	51.86	Peak	74	Pass
NVNT	3-DH5	2402	Ant1	No-Hopping	2316.624	-57.38	3.3	41.18	Average	54	Pass
NVNT	3-DH5	2402	Ant1	No-Hopping	2390	-50.41	3.3	48.15	Peak	74	Pass
NVNT	3-DH5	2402	Ant1	No-Hopping	2390	-57.59	3.3	40.97	Average	54	Pass
NVNT	3-DH5	2480	Ant1	No-Hopping	2483.5	-49.38	3.3	49.18	Peak	74	Pass
NVNT	3-DH5	2480	Ant1	No-Hopping	2483.5	-55.87	3.3	42.69	Average	54	Pass
NVNT	3-DH5	2480	Ant1	No-Hopping	2491.48	-47.42	3.3	51.14	Peak	74	Pass
NVNT	3-DH5	2480	Ant1	No-Hopping	2483.512	-55.87	3.3	42.69	Average	54	Pass
NVNT	3-DH5	2480	Ant1	No-Hopping	2500	-49.11	3.3	49.45	Peak	74	Pass
NVNT	3-DH5	2480	Ant1	No-Hopping	2500	-57.39	3.3	41.17	Average	54	Pass



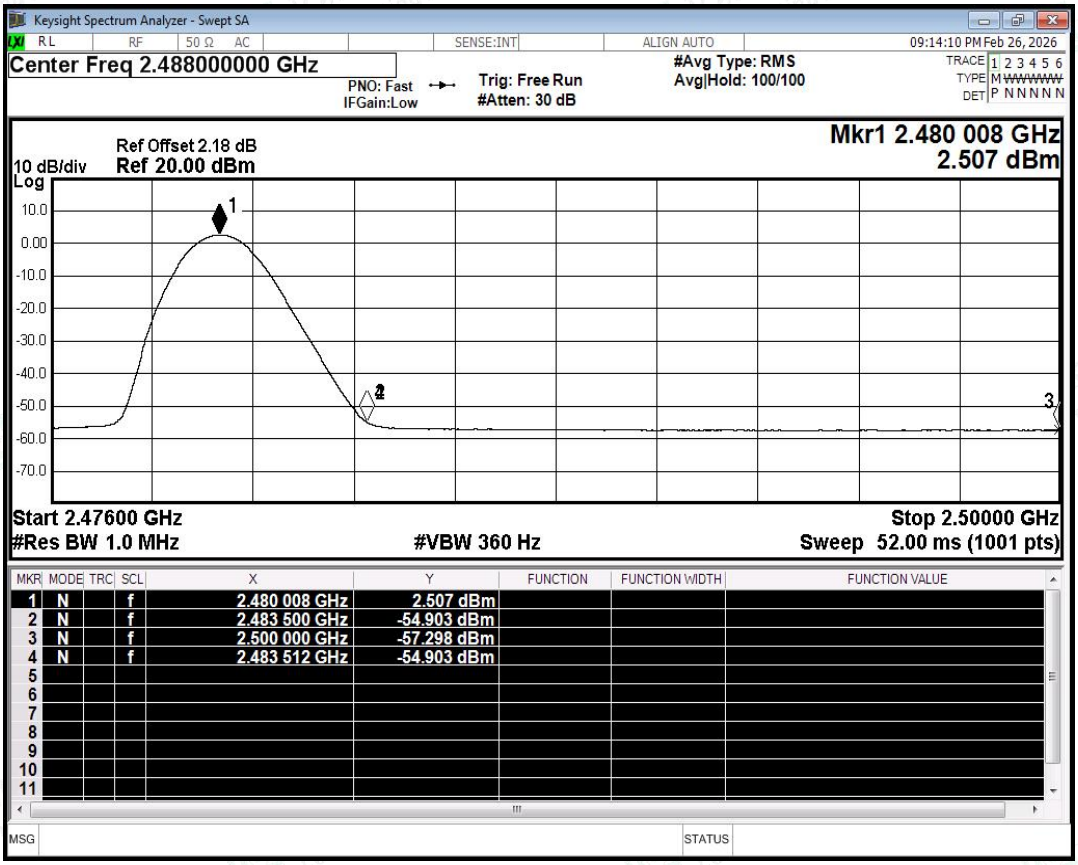
Restrict Band NVNT 1-DH5 2402MHz Ant1 No-Hopping Peak



Restrict Band NVNT 1-DH5 2402MHz Ant1 No-Hopping Average



Restrict Band NVNT 1-DH5 2480MHz Ant1 No-Hopping Peak



Restrict Band NVNT 1-DH5 2480MHz Ant1 No-Hopping Average