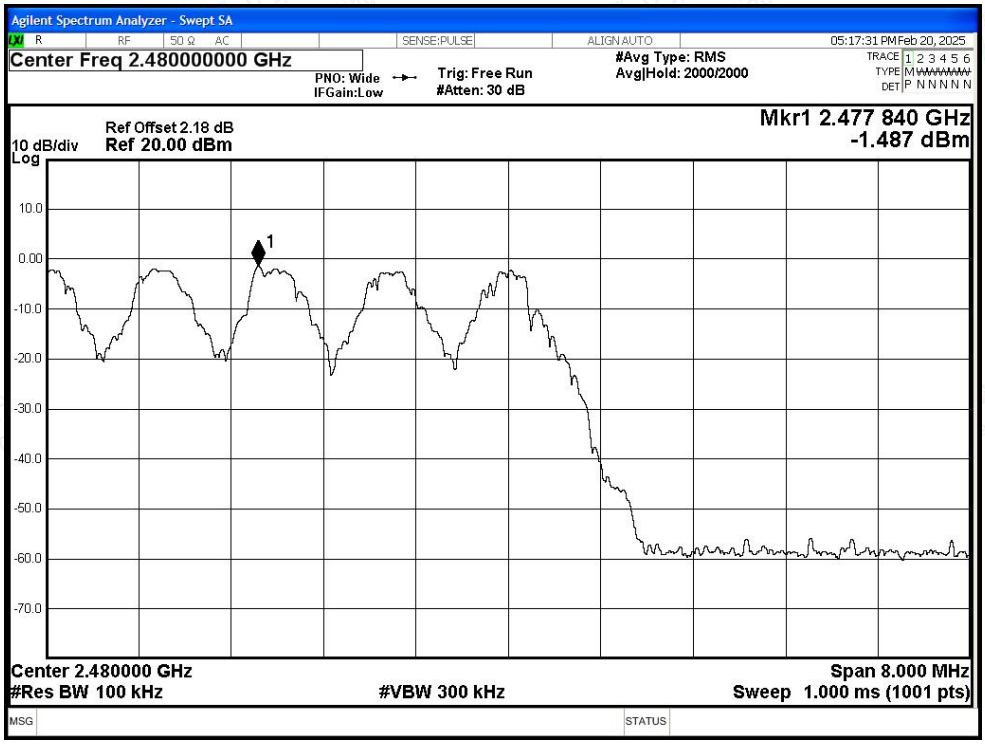
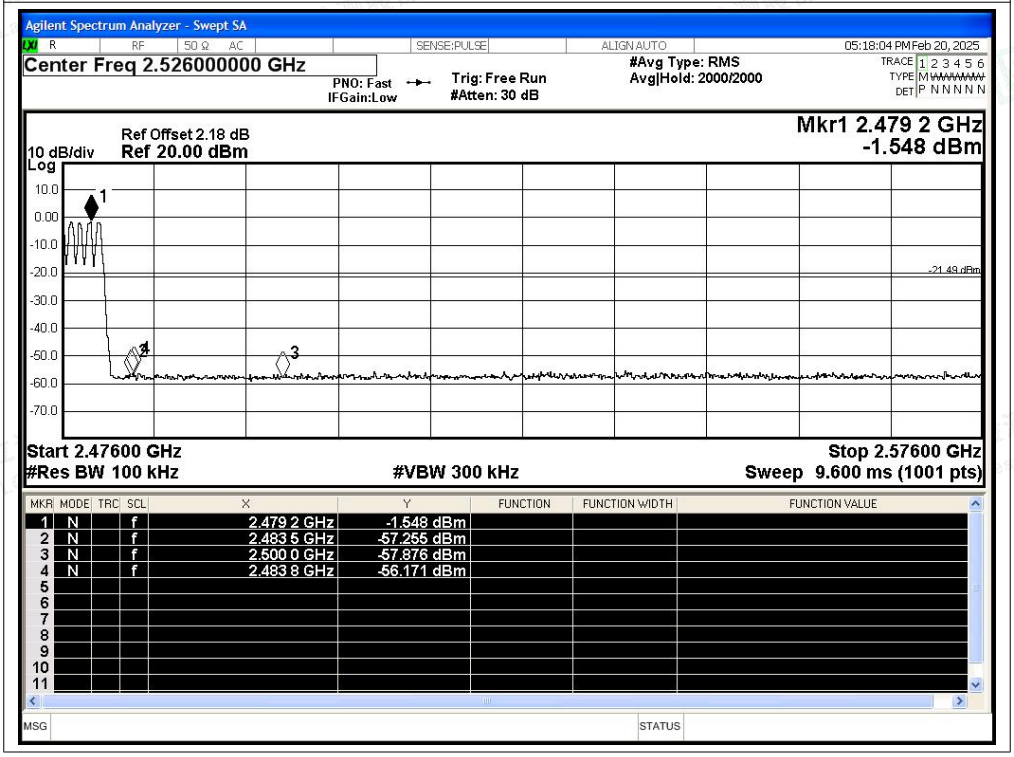
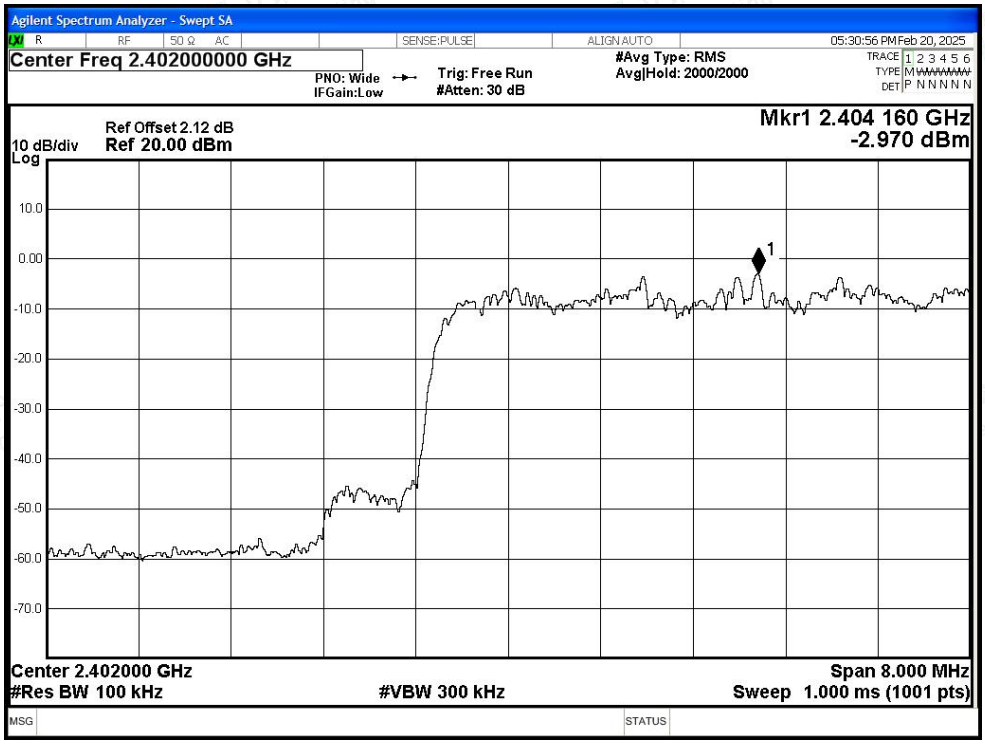
Band Edge(Hopping) NVNT 1-DH5 2480MHz Ant1 Hopping Ref



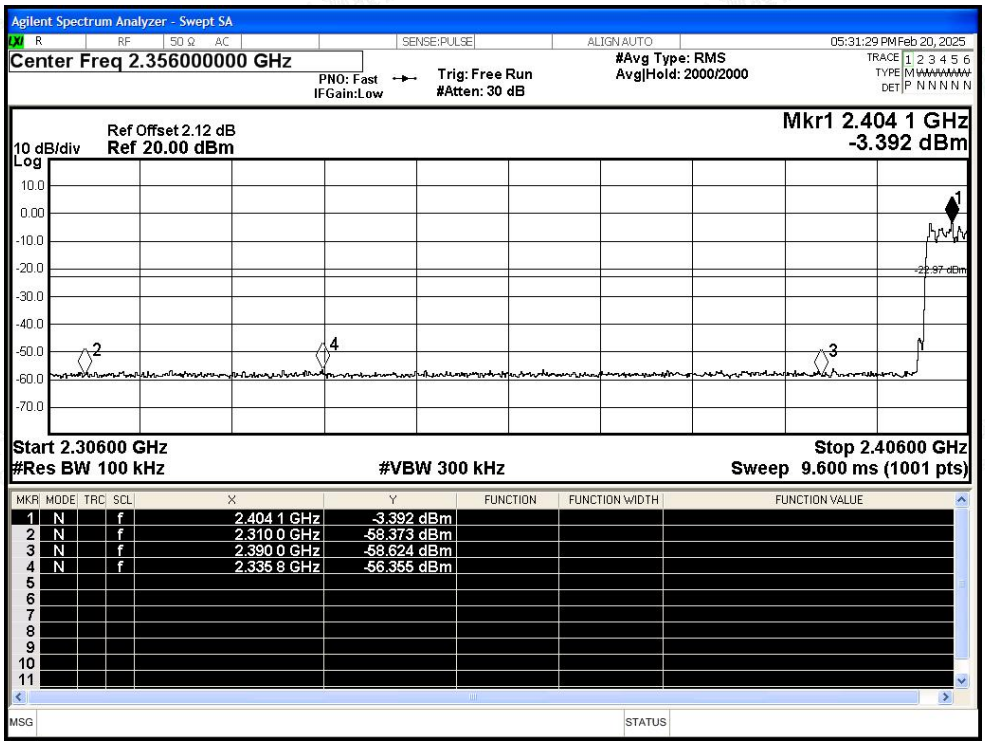
Band Edge(Hopping) NVNT 1-DH5 2480MHz Ant1 Hopping Emission



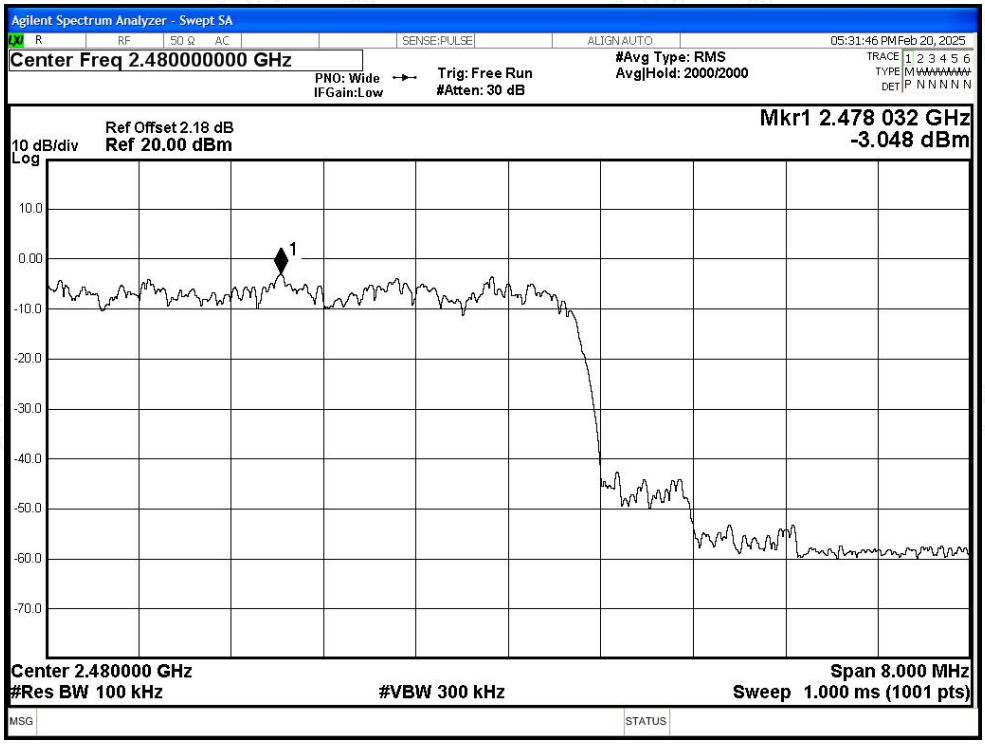
Band Edge(Hopping) NVNT 2-DH5 2402MHz Ant1 Hopping Ref



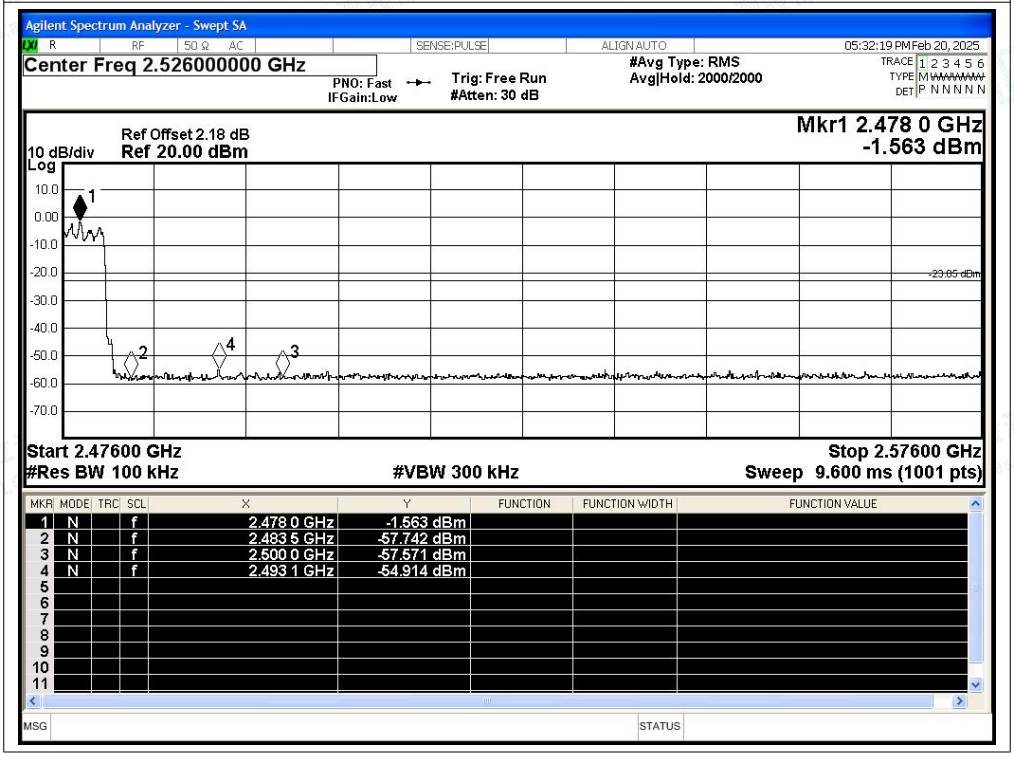
Band Edge(Hopping) NVNT 2-DH5 2402MHz Ant1 Hopping Emission



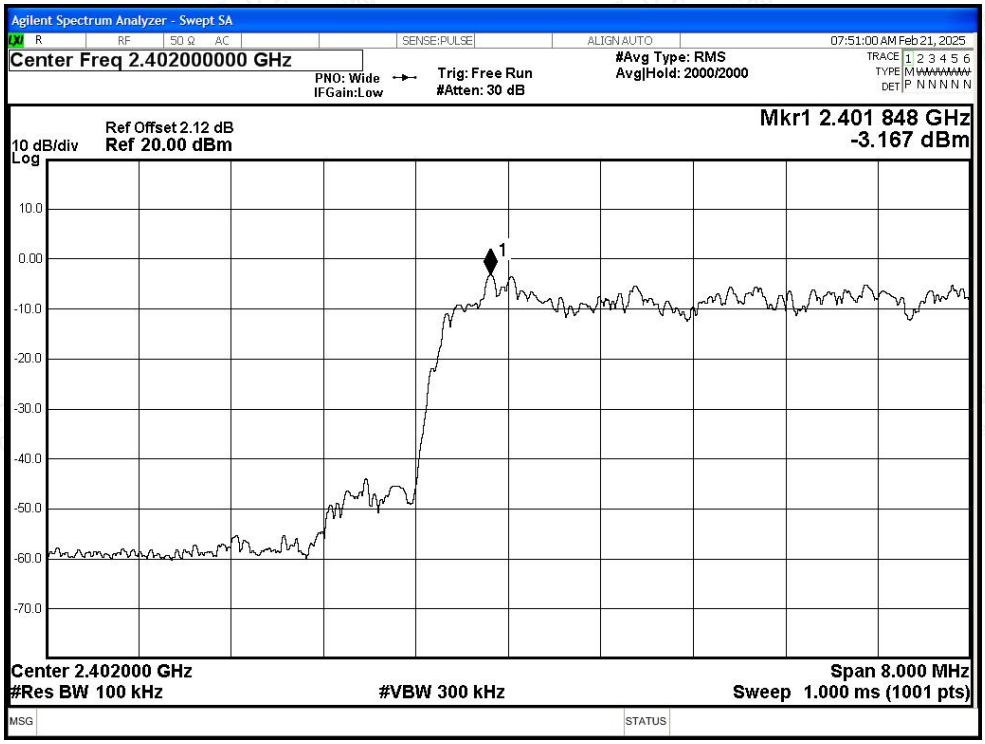
Band Edge(Hopping) NVNT 2-DH5 2480MHz Ant1 Hopping Ref



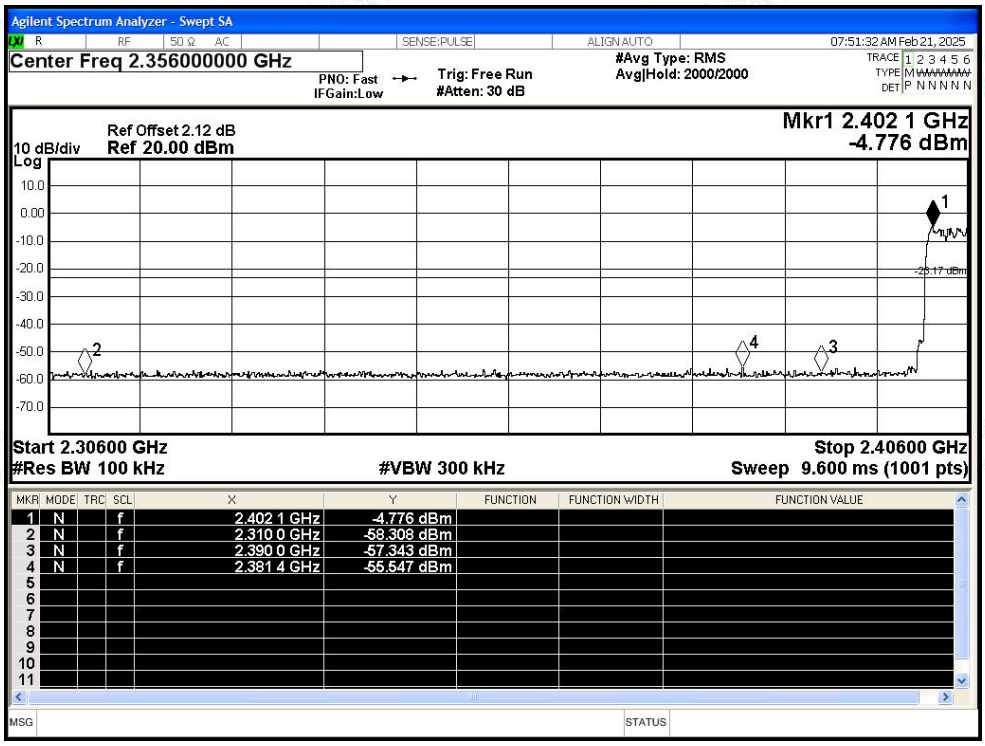
Band Edge(Hopping) NVNT 2-DH5 2480MHz Ant1 Hopping Emission



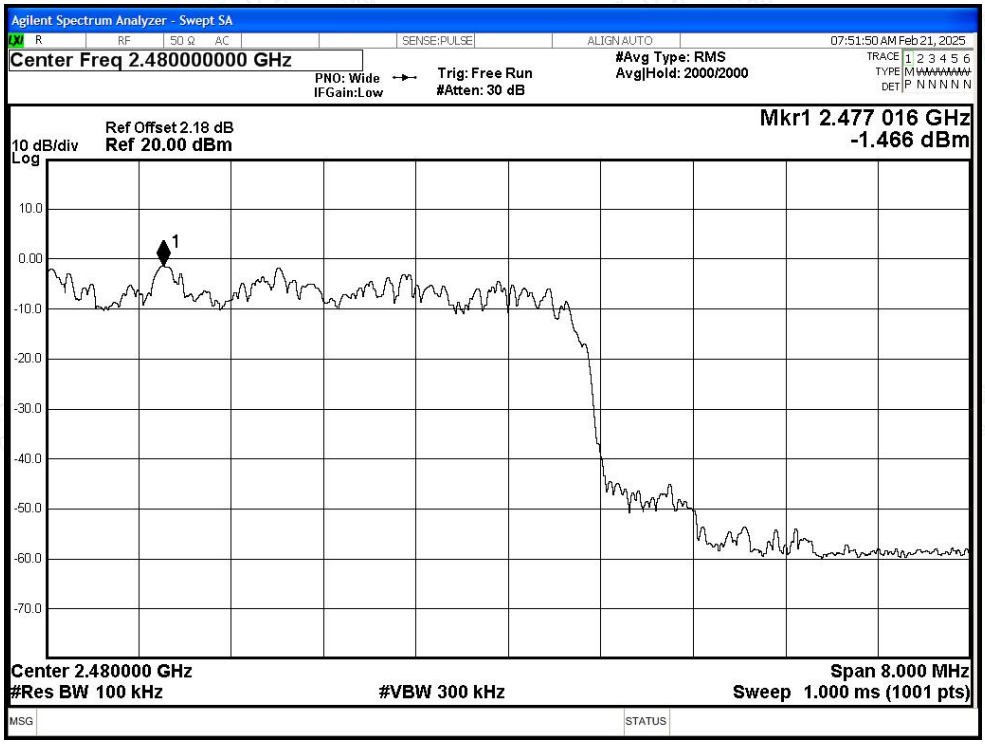
Band Edge(Hopping) NVNT 3-DH5 2402MHz Ant1 Hopping Ref



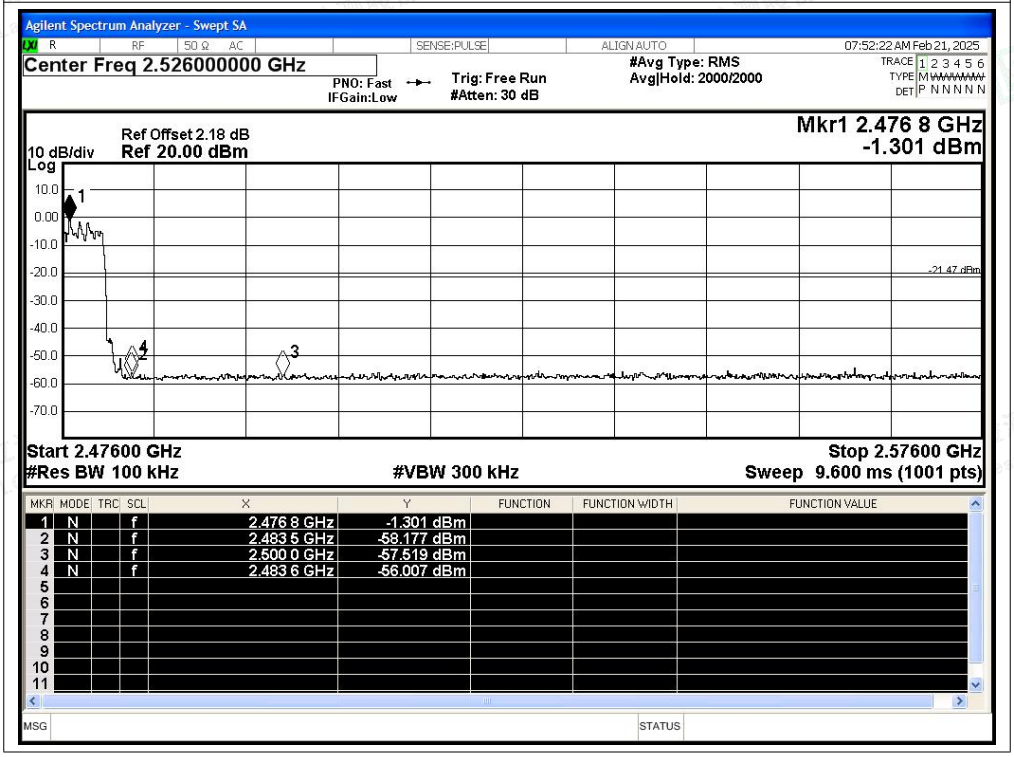
Band Edge(Hopping) NVNT 3-DH5 2402MHz Ant1 Hopping Emission



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



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

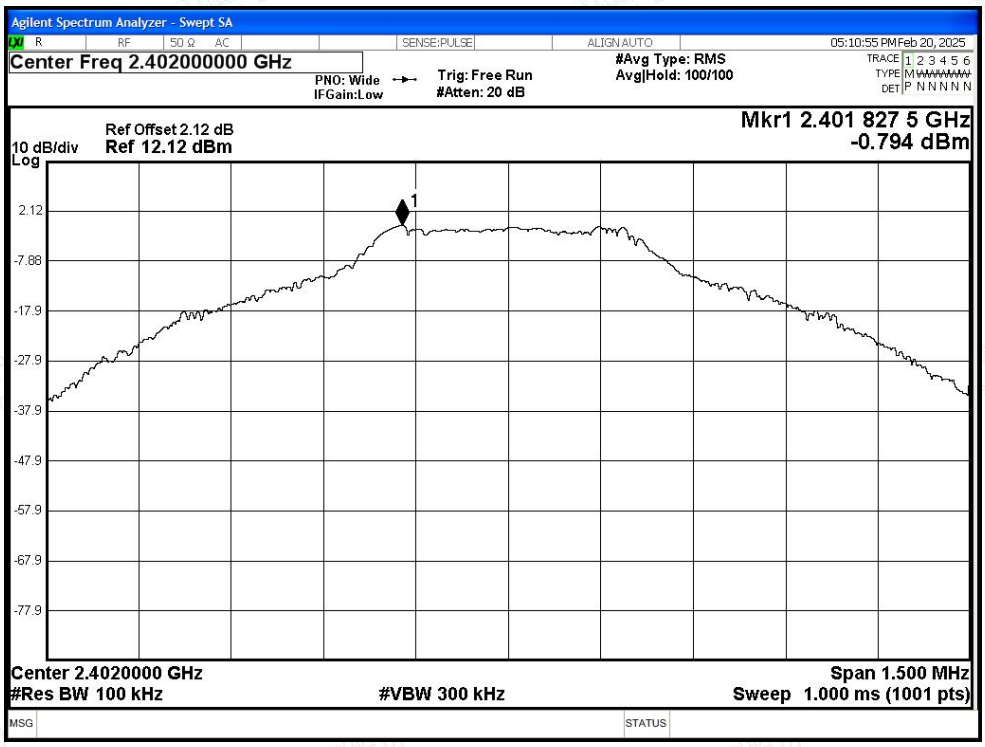


A.7 Conducted RF Spurious Emission

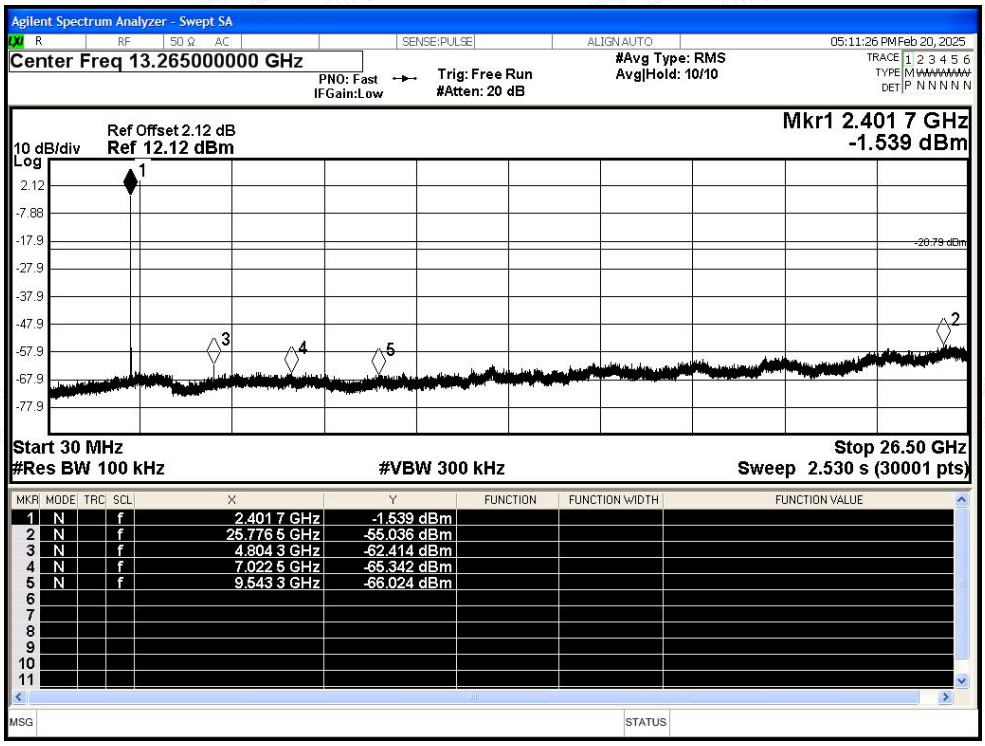
Condition	Mode	Frequency (MHz)	Antenna	Max Value (dBc)	Limit (dBc)	Verdict
NVNT	1-DH5	2402	Ant1	-54.24	-20	Pass
NVNT	1-DH5	2441	Ant1	-54.67	-20	Pass
NVNT	1-DH5	2480	Ant1	-53.88	-20	Pass
NVNT	2-DH5	2402	Ant1	-54.74	-20	Pass
NVNT	2-DH5	2441	Ant1	-54.59	-20	Pass
NVNT	2-DH5	2480	Ant1	-52.5	-20	Pass
NVNT	3-DH5	2402	Ant1	-54.82	-20	Pass
NVNT	3-DH5	2441	Ant1	-54.32	-20	Pass
NVNT	3-DH5	2480	Ant1	-52.49	-20	Pass

Test Graphs

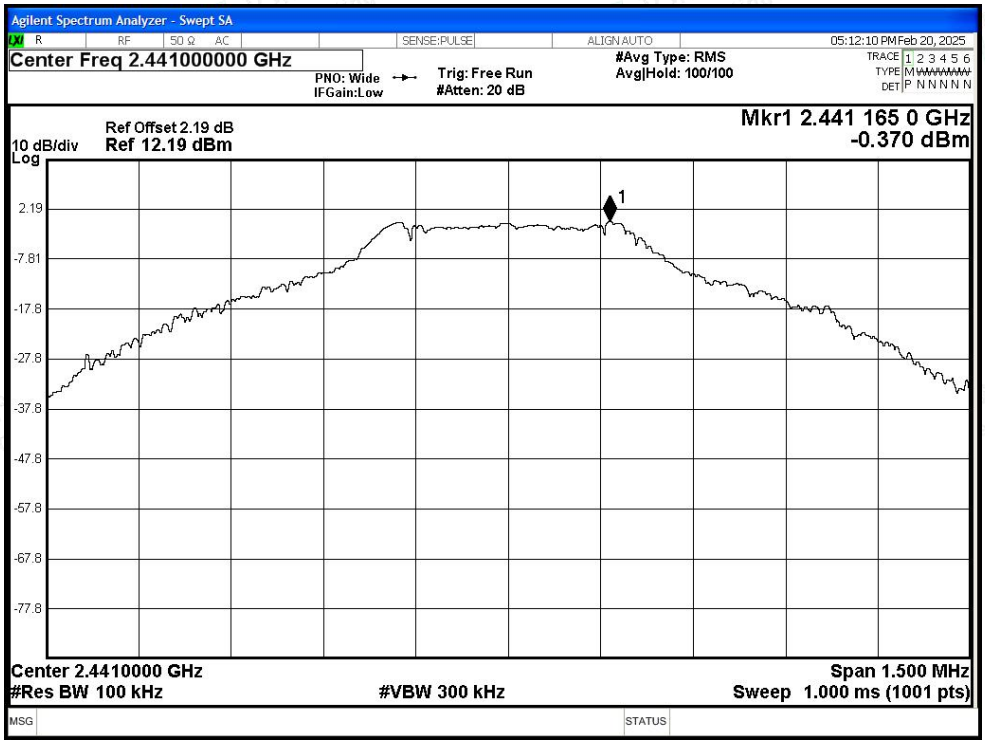
Tx. Spurious NVNT 1-DH5 2402MHz Ant1 Ref



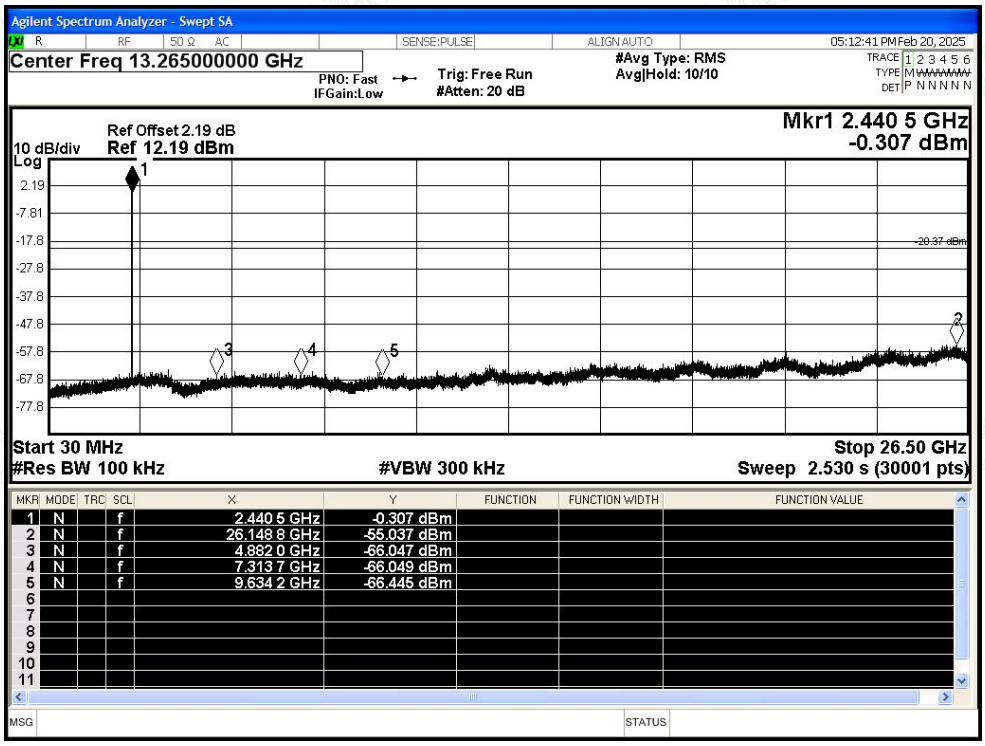
Tx. Spurious NVNT 1-DH5 2402MHz Ant1 Emission



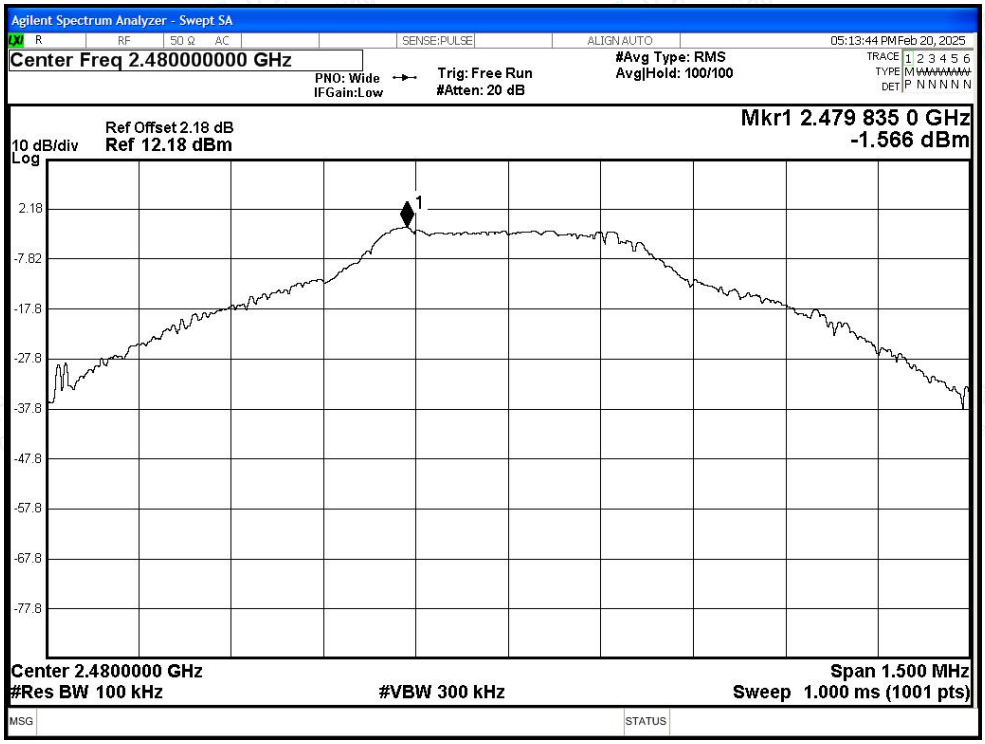
Tx. Spurious NVNT 1-DH5 2441MHz Ant1 Ref



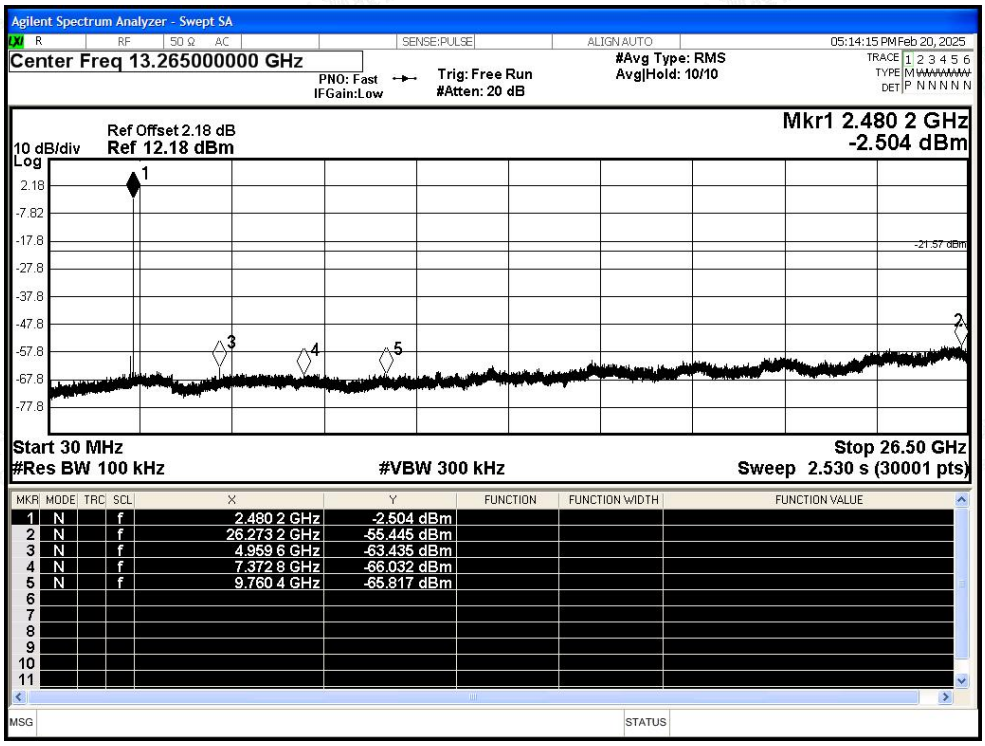
Tx. Spurious NVNT 1-DH5 2441MHz Ant1 Emission



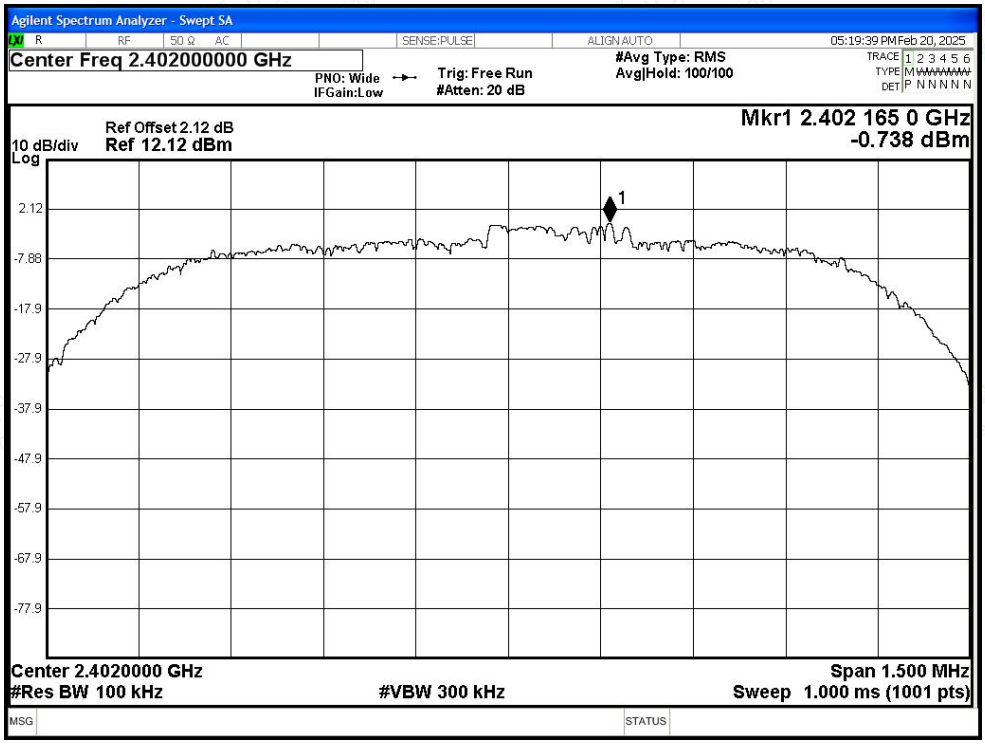
Tx. Spurious NVNT 1-DH5 2480MHz Ant1 Ref



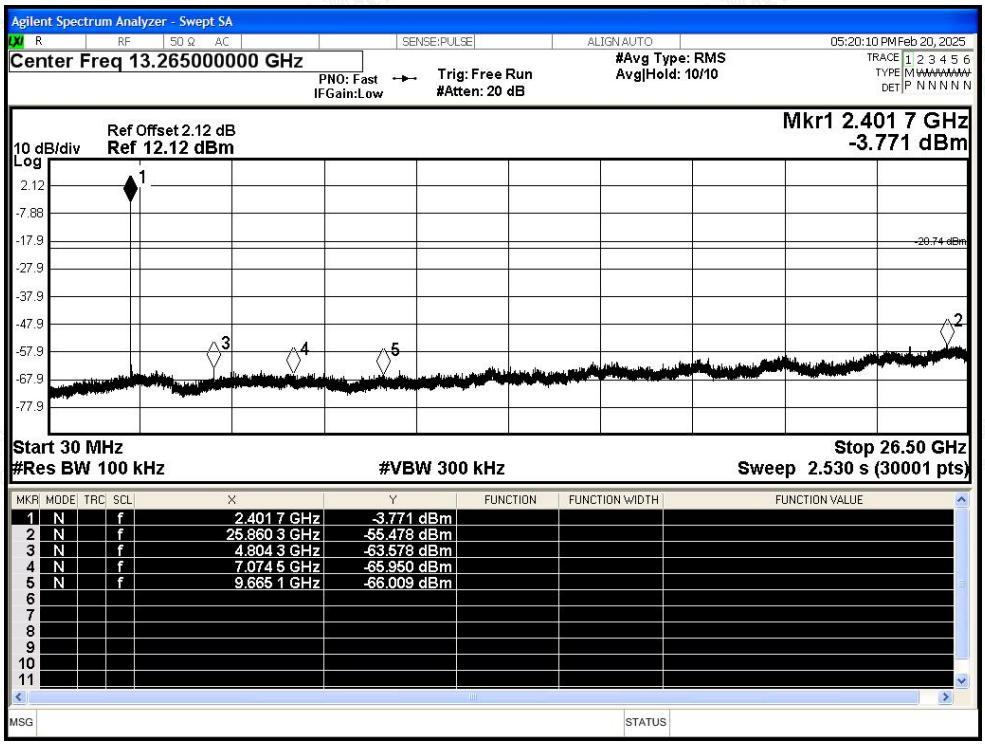
Tx. Spurious NVNT 1-DH5 2480MHz Ant1 Emission



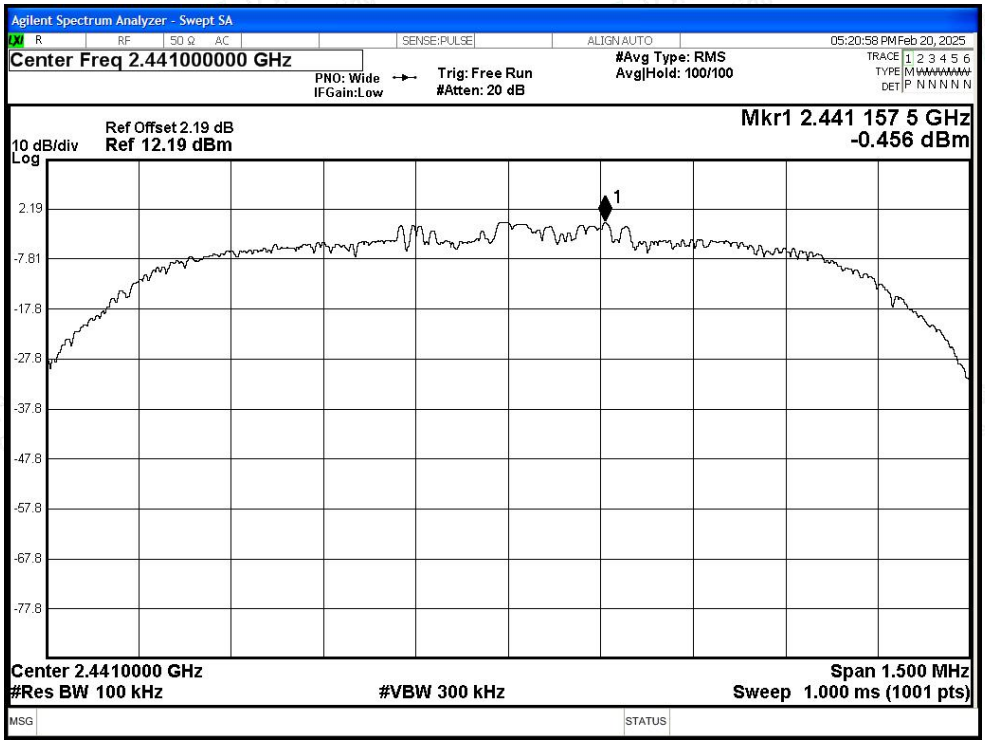
Tx. Spurious NVNT 2-DH5 2402MHz Ant1 Ref



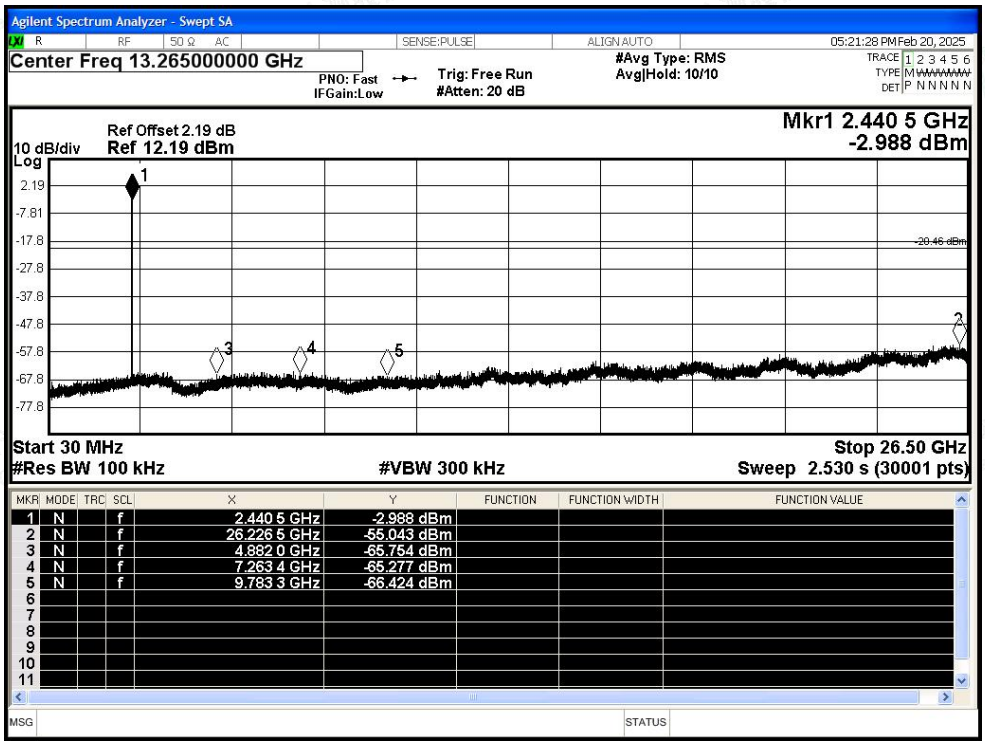
Tx. Spurious NVNT 2-DH5 2402MHz Ant1 Emission



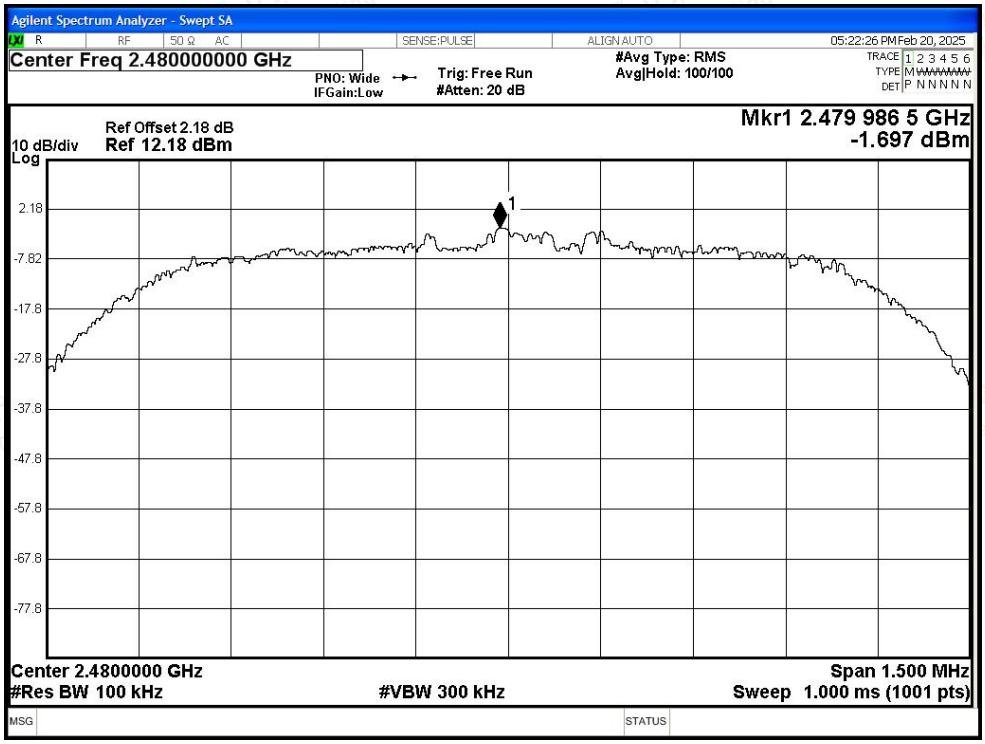
Tx. Spurious NVNT 2-DH5 2441MHz Ant1 Ref



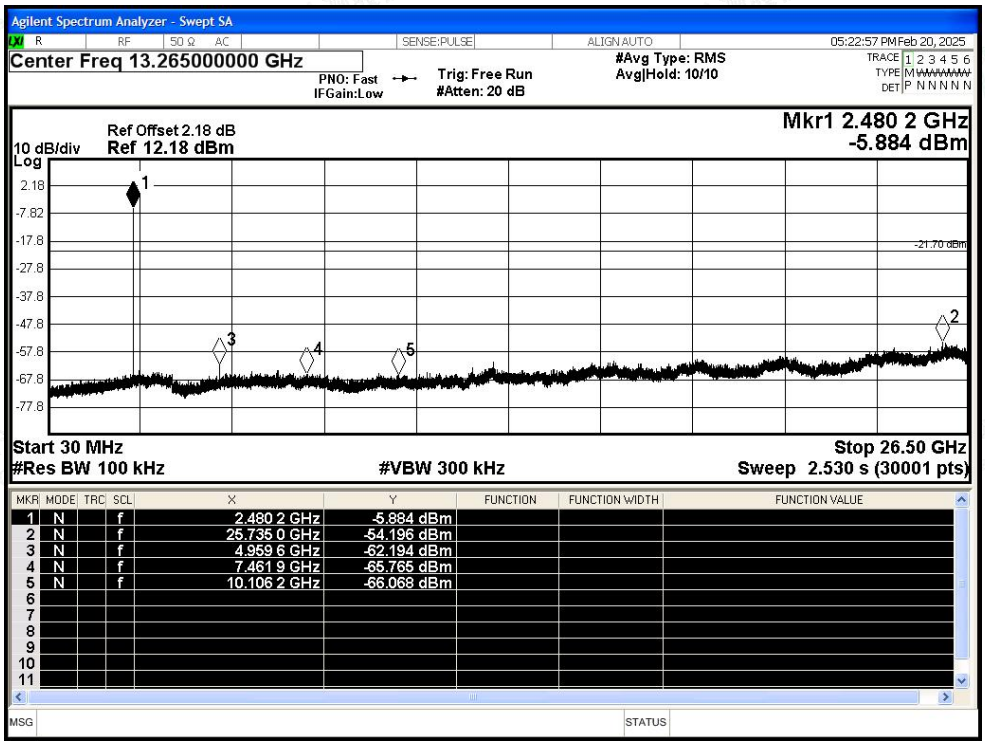
Tx. Spurious NVNT 2-DH5 2441MHz Ant1 Emission



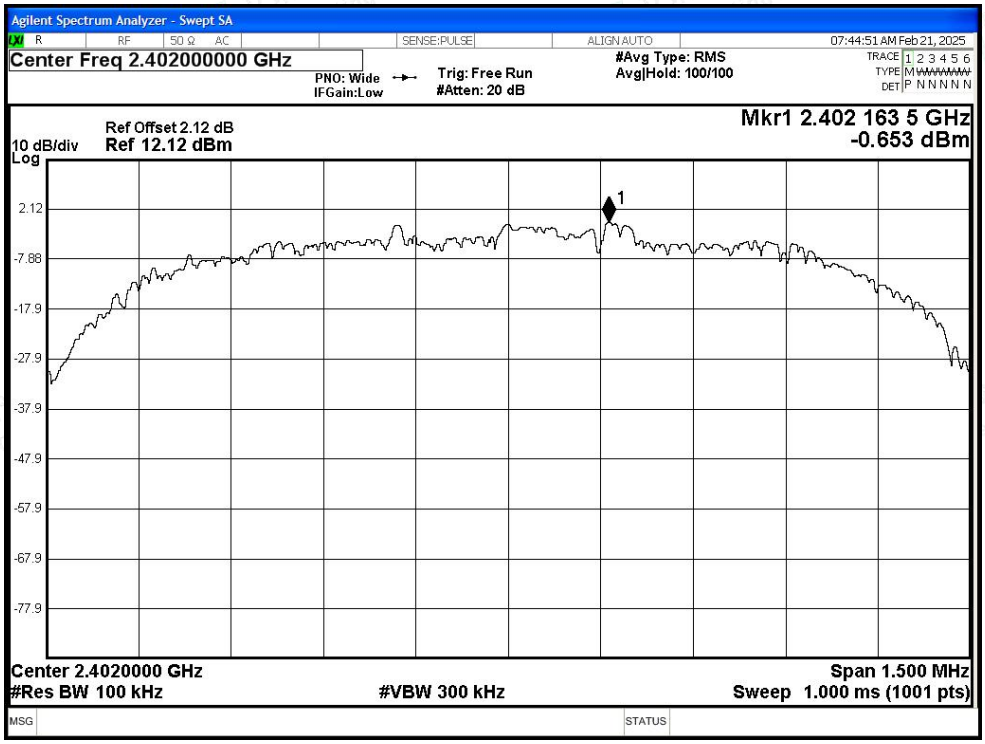
Tx. Spurious NVNT 2-DH5 2480MHz Ant1 Ref



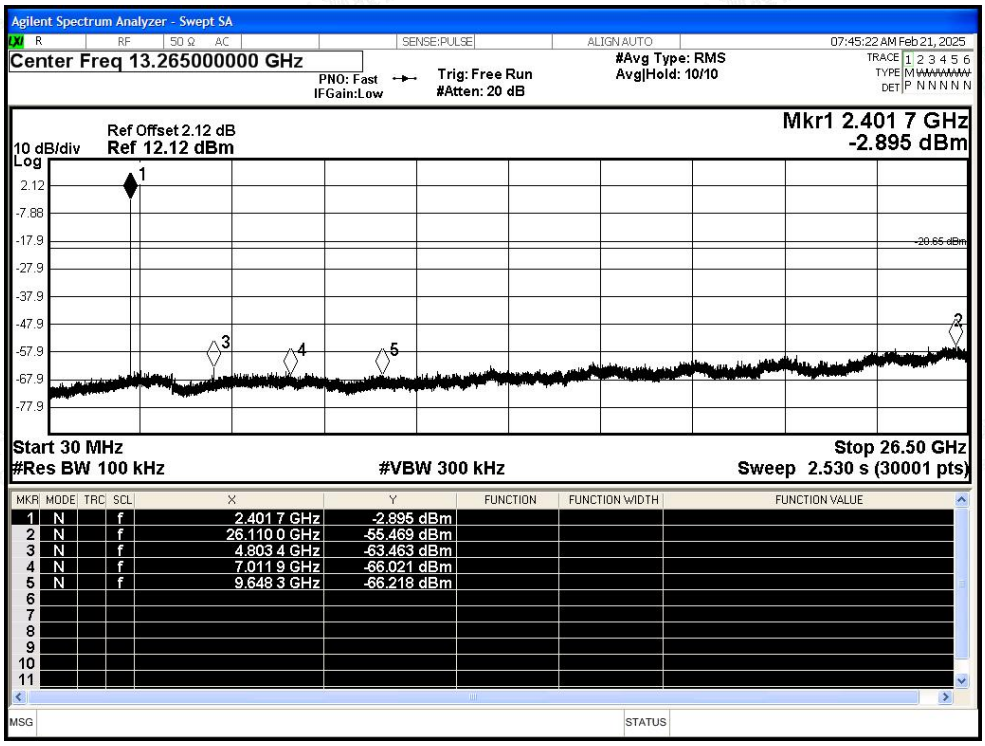
Tx. Spurious NVNT 2-DH5 2480MHz Ant1 Emission



Tx. Spurious NVNT 3-DH5 2402MHz Ant1 Ref

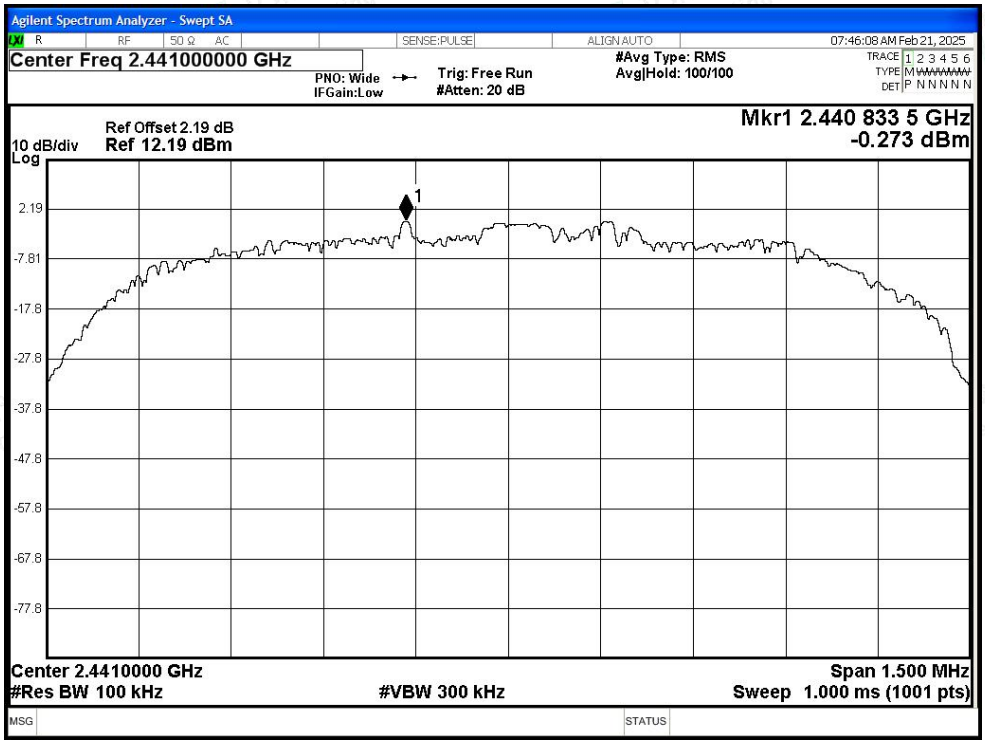


Tx. Spurious NVNT 3-DH5 2402MHz Ant1 Emission

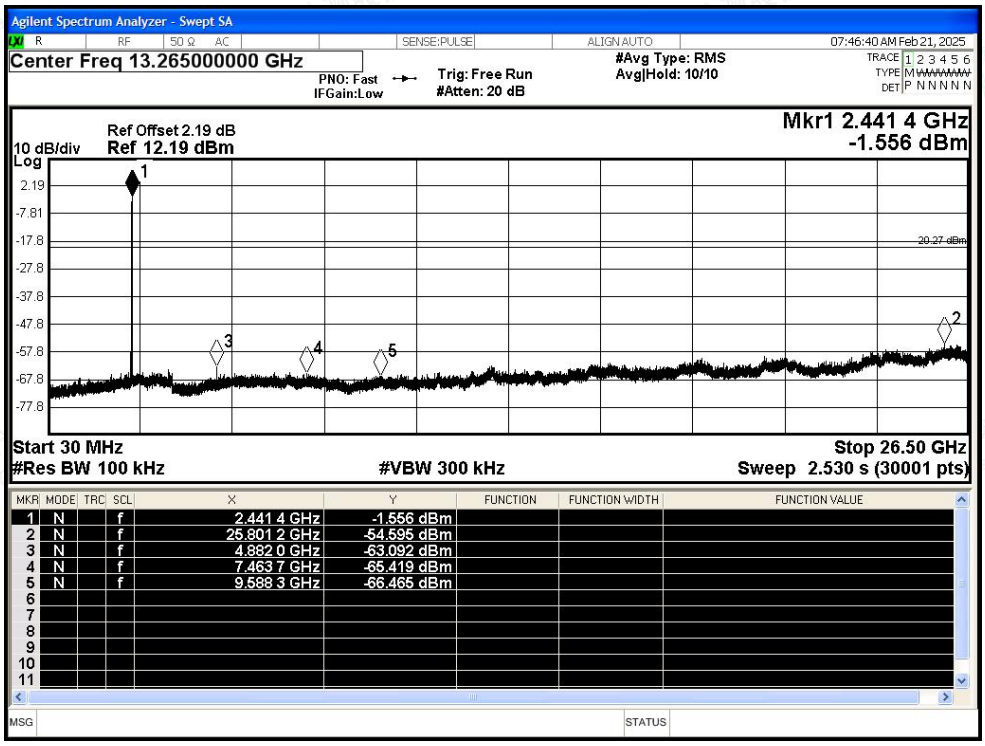


MKR	MODE	TRC	SCL	X	Y	FUNCTION	FUNCTION WIDTH	FUNCTION VALUE
1	N		f	2.401 7 GHz	-2.895 dBm			
2	N		f	26.110 0 GHz	-55.469 dBm			
3	N		f	4.803 4 GHz	-63.463 dBm			
4	N		f	7.011 9 GHz	-66.021 dBm			
5	N		f	9.648 3 GHz	-66.218 dBm			
6								
7								
8								
9								
10								
11								

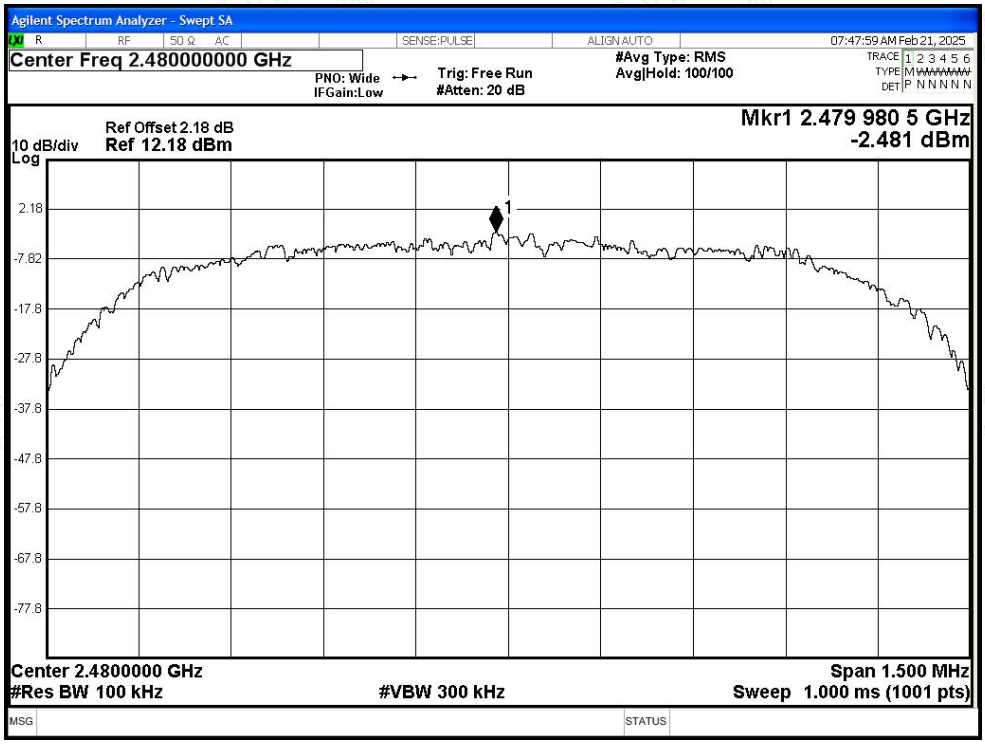
Tx. Spurious NVNT 3-DH5 2441MHz Ant1 Ref



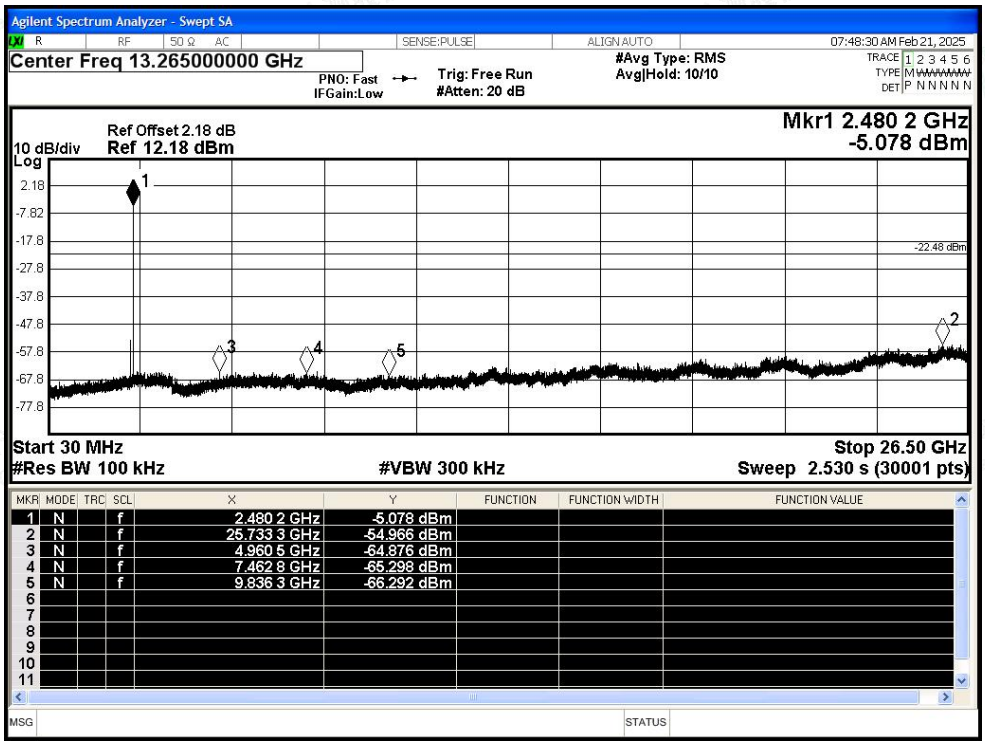
Tx. Spurious NVNT 3-DH5 2441MHz Ant1 Emission



Tx. Spurious NVNT 3-DH5 2480MHz Ant1 Ref



Tx. Spurious NVNT 3-DH5 2480MHz Ant1 Emission

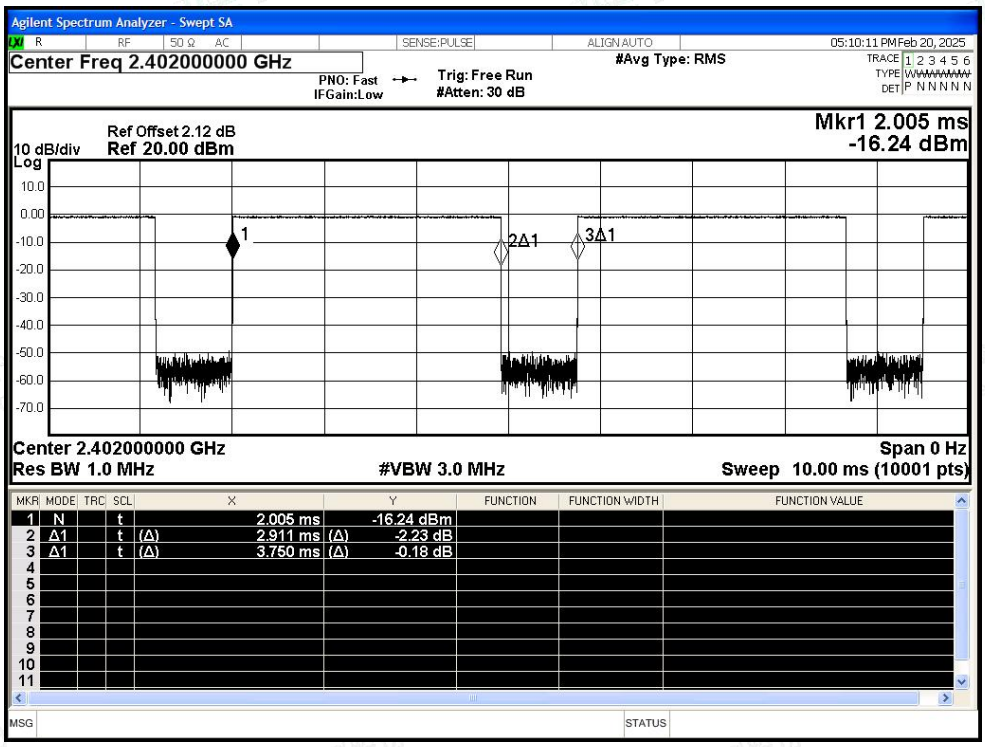


A.8 Duty Cycle

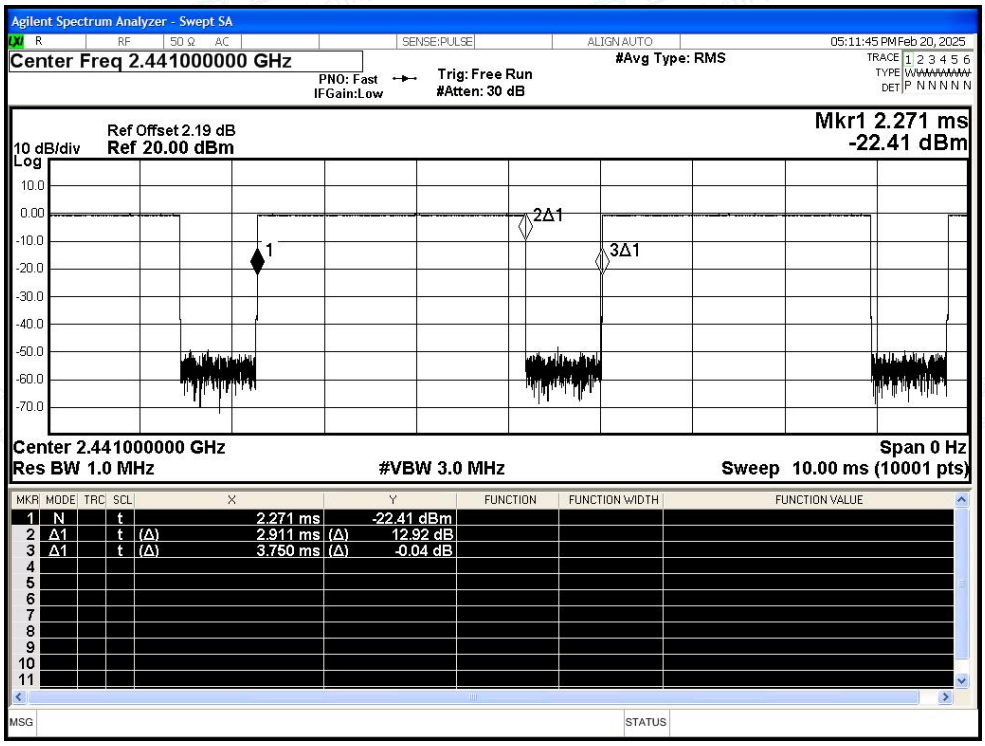
Condition	Mode	Frequency (MHz)	Antenna	Duty Cycle (%)	Correction Factor (dB)	1/T (kHz)
NVNT	1-DH5	2402	Ant1	77.63	1.1	0.34
NVNT	1-DH5	2441	Ant1	77.63	1.1	0.34
NVNT	1-DH5	2480	Ant1	77.6	1.1	0.34
NVNT	2-DH5	2402	Ant1	77.33	1.12	0.34
NVNT	2-DH5	2441	Ant1	77.28	1.12	0.35
NVNT	2-DH5	2480	Ant1	77.33	1.12	0.34
NVNT	3-DH5	2402	Ant1	77.28	1.12	0.35
NVNT	3-DH5	2441	Ant1	77.28	1.12	0.35
NVNT	3-DH5	2480	Ant1	77.28	1.12	0.35

Test Graphs

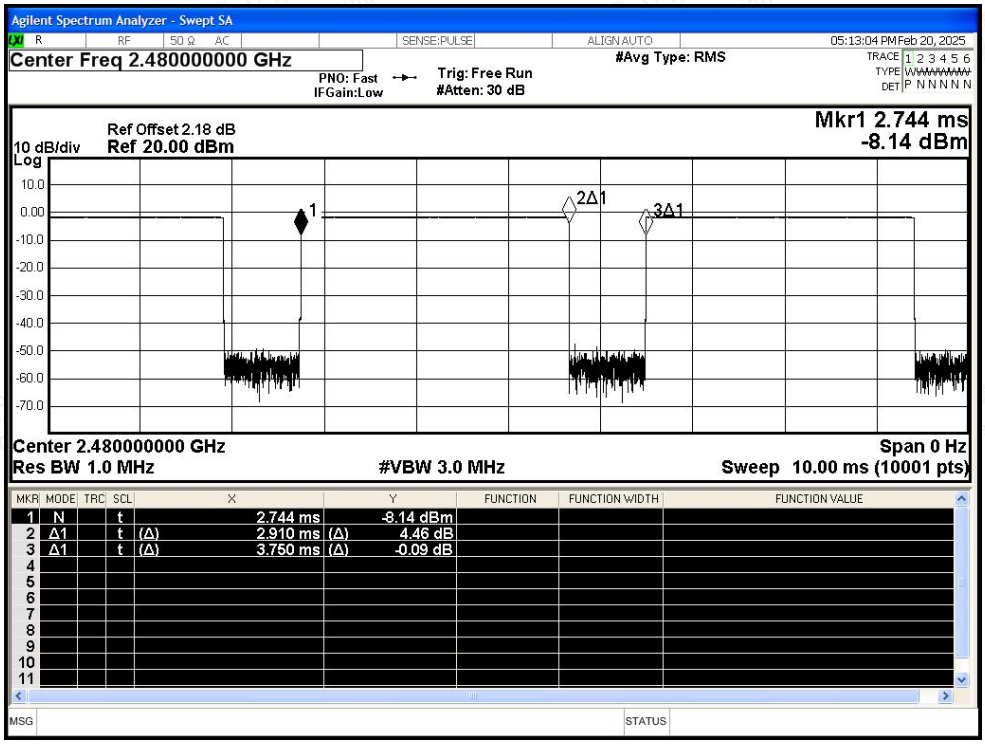
Duty Cycle NVNT 1-DH5 2402MHz Ant1



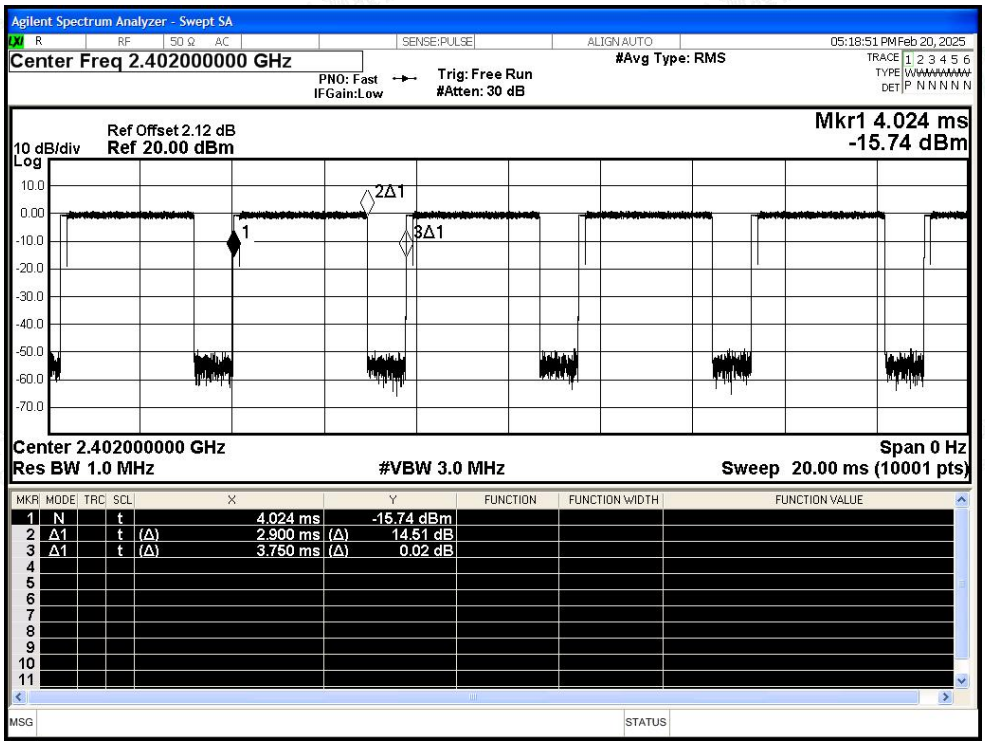
Duty Cycle NVNT 1-DH5 2441MHz Ant1



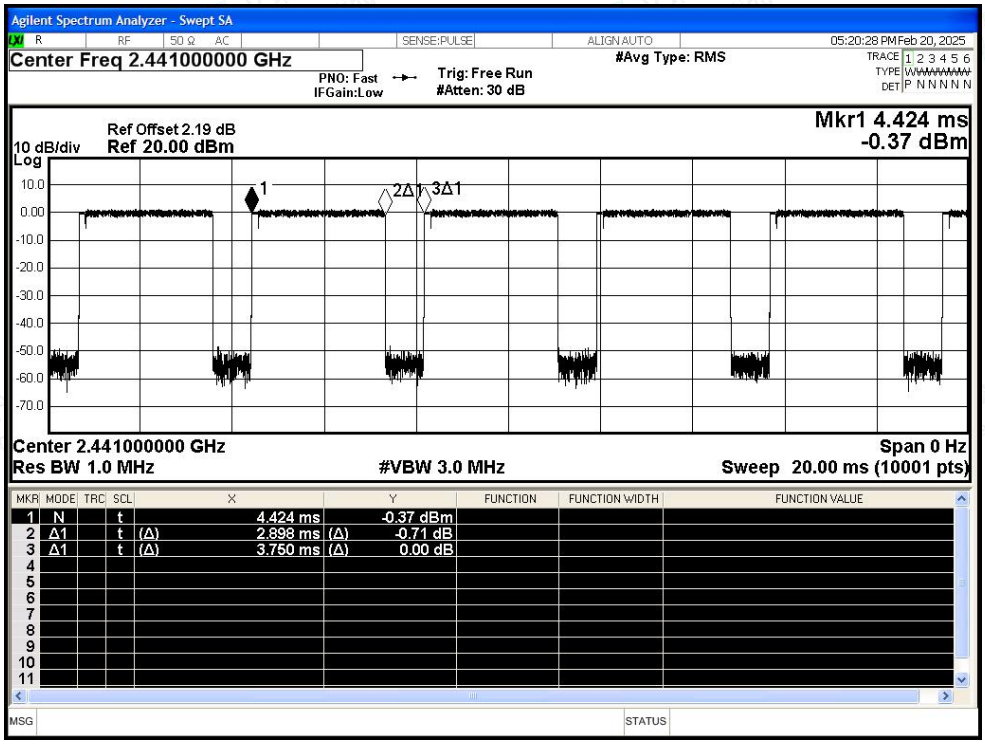
Duty Cycle NVNT 1-DH5 2480MHz Ant1



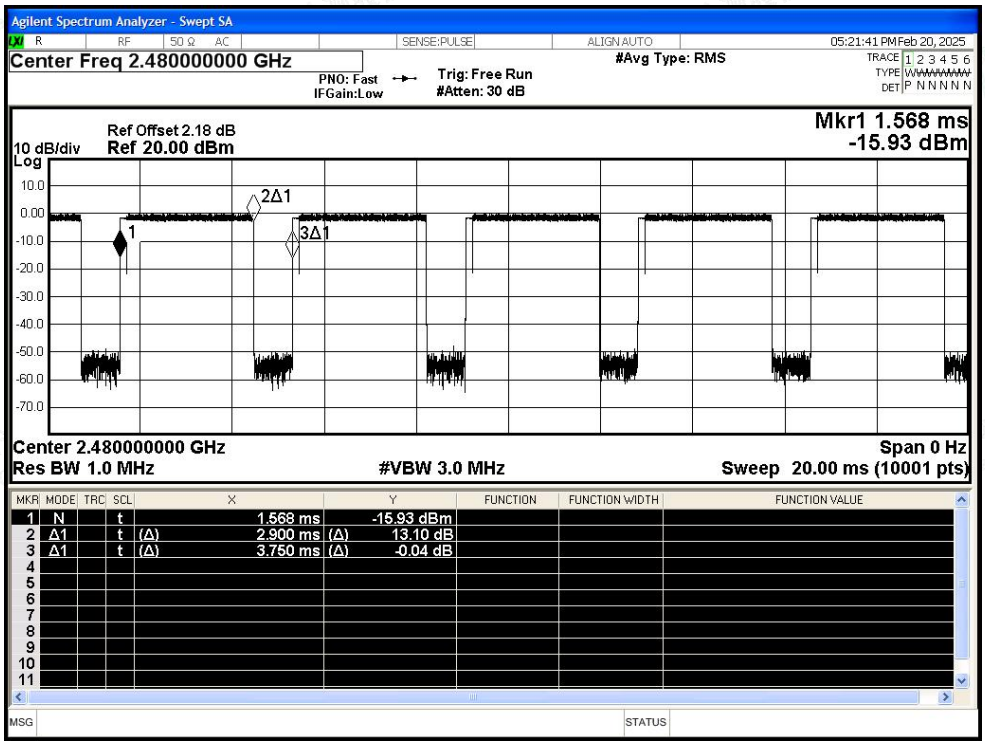
Duty Cycle NVNT 2-DH5 2402MHz Ant1



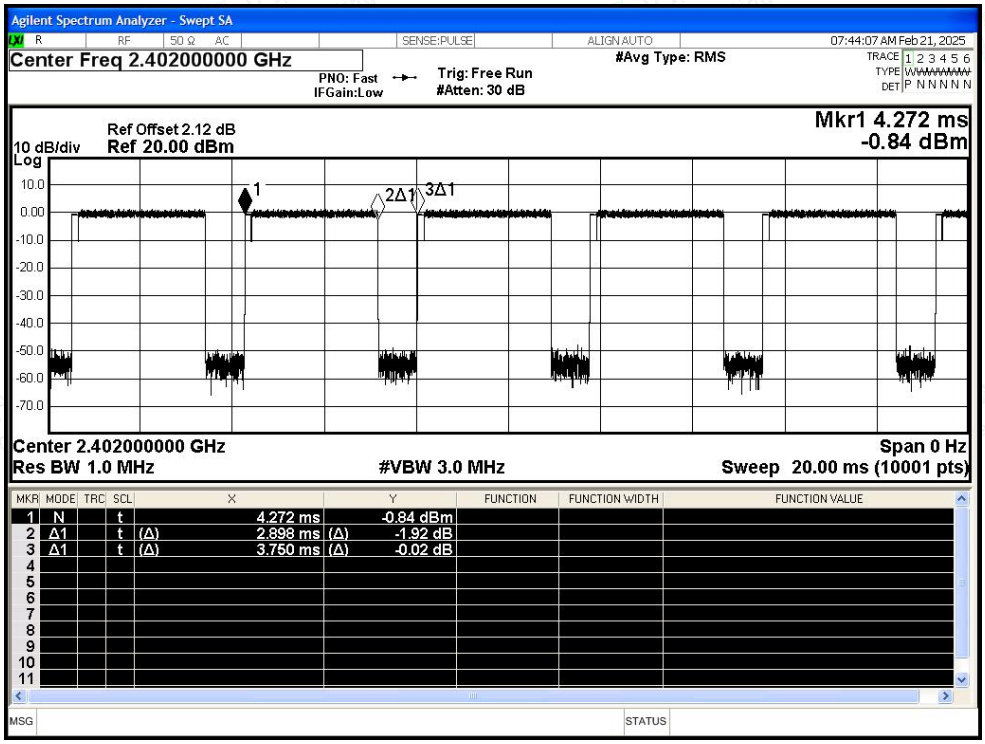
Duty Cycle NVNT 2-DH5 2441MHz Ant1



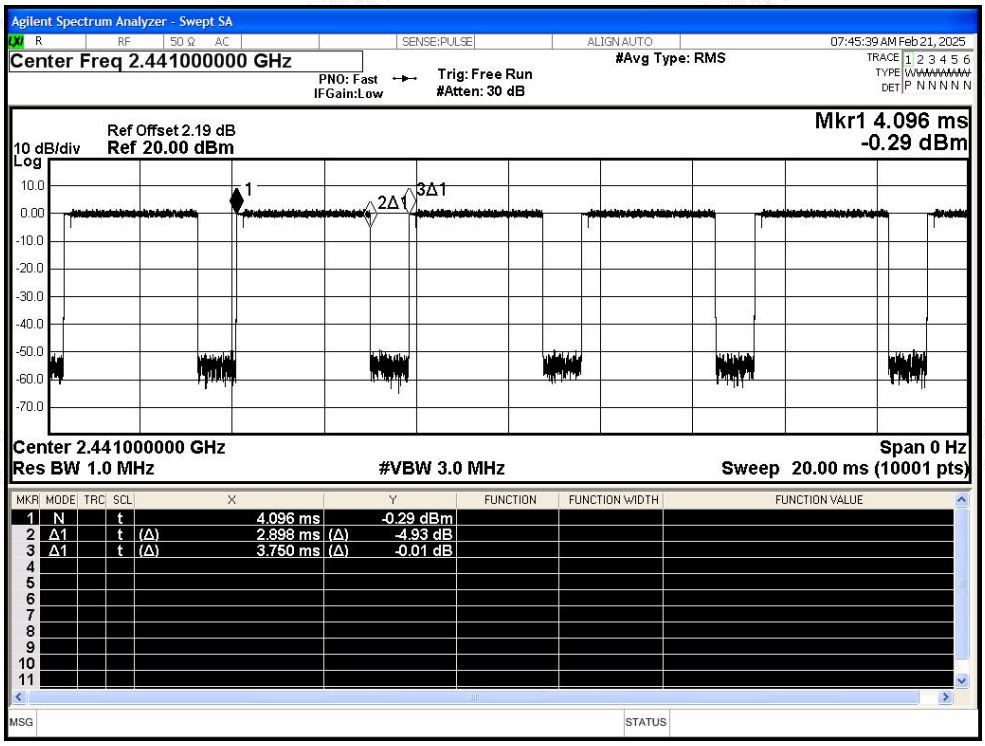
Duty Cycle NVNT 2-DH5 2480MHz Ant1



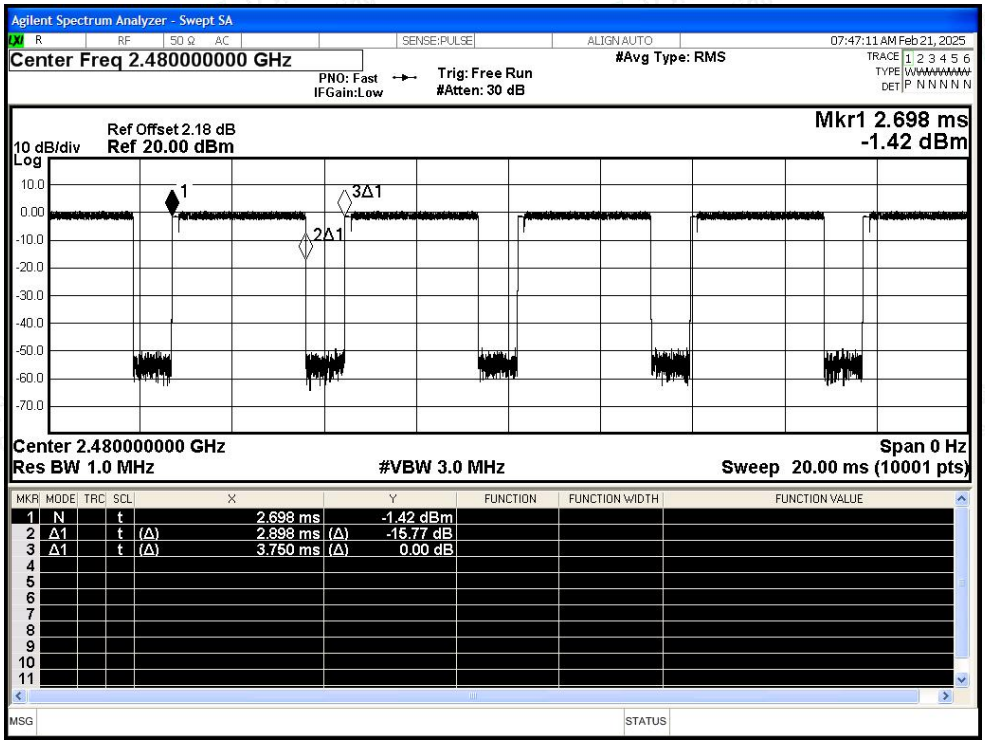
Duty Cycle NVNT 3-DH5 2402MHz Ant1



Duty Cycle NVNT 3-DH5 2441MHz Ant1



Duty Cycle NVNT 3-DH5 2480MHz Ant1

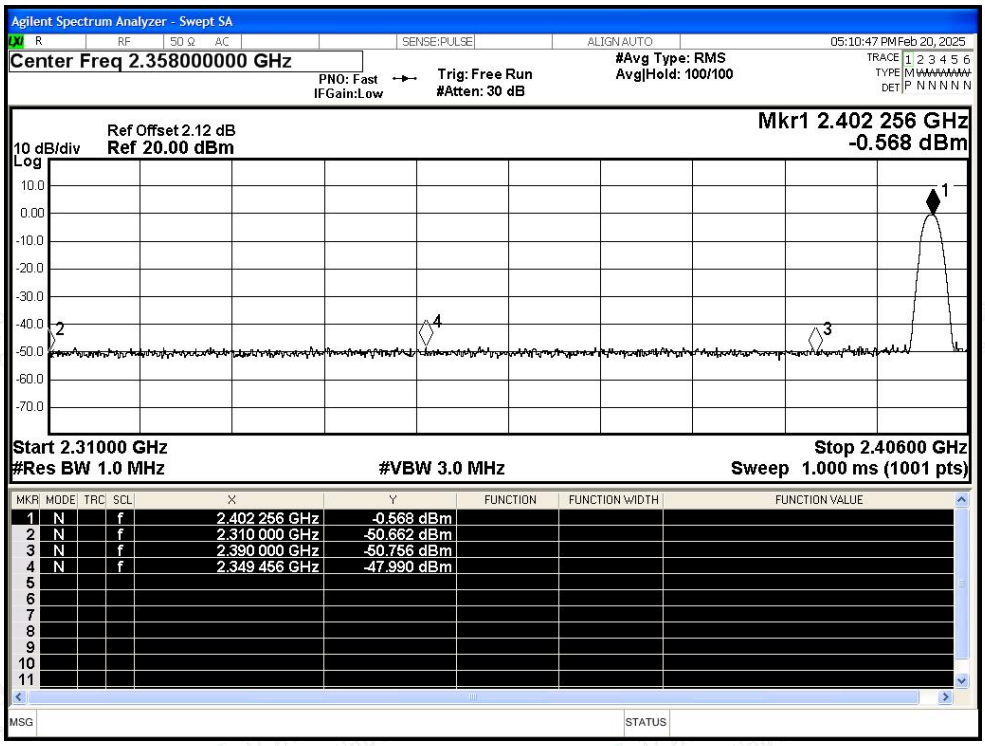


A.9 Restrict Band

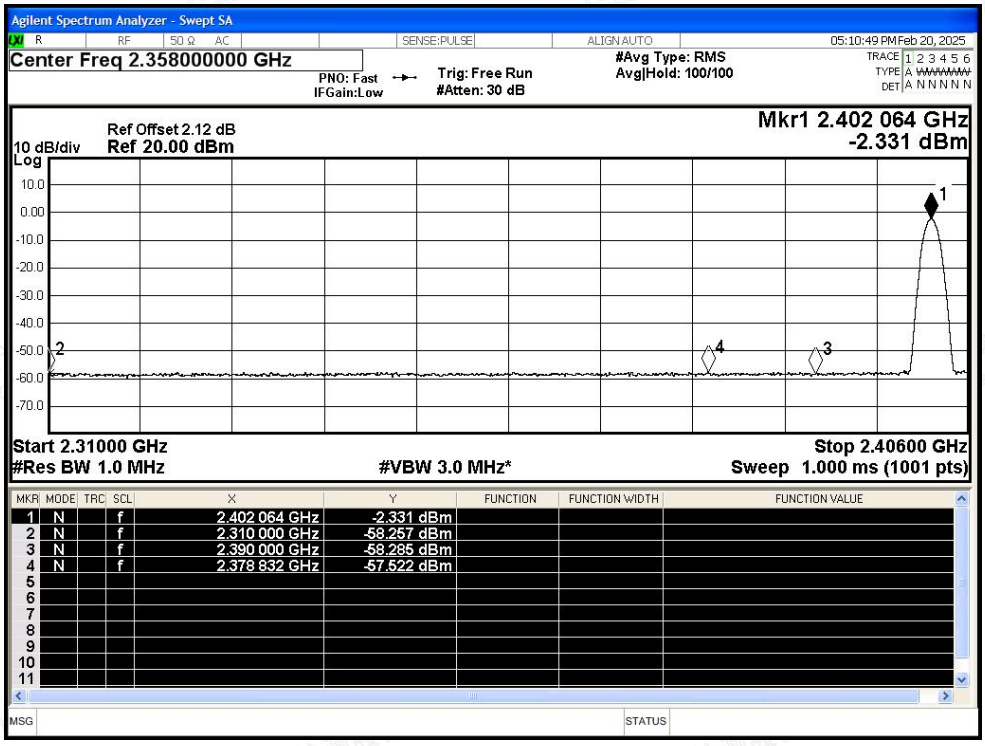
Condition	Mode	Frequency (MHz)	Antenna	Hopping Mode	Spur Freq (MHz)	Power (dBm)	Gain (dBi)	Duty Factor (dB)	E (dBuV/m)	Detector	Limit (dBuV/m)	Verdict
NVNT	1-DH5	2402	Ant1	No-Hopping	2310	-50.66	2	-	46.6	Peak	74	Pass
NVNT	1-DH5	2402	Ant1	No-Hopping	2310	-58.26	2	1.1	40.1	Average	54	Pass
NVNT	1-DH5	2402	Ant1	No-Hopping	2349.456	-47.99	2	-	49.27	Peak	74	Pass
NVNT	1-DH5	2402	Ant1	No-Hopping	2378.832	-57.52	2	1.1	40.84	Average	54	Pass
NVNT	1-DH5	2402	Ant1	No-Hopping	2390	-50.76	2	-	46.5	Peak	74	Pass
NVNT	1-DH5	2402	Ant1	No-Hopping	2390	-58.29	2	1.1	40.07	Average	54	Pass
NVNT	1-DH5	2480	Ant1	No-Hopping	2483.5	-48.92	2	-	48.34	Peak	74	Pass
NVNT	1-DH5	2480	Ant1	No-Hopping	2483.5	-57.92	2	1.1	40.44	Average	54	Pass
NVNT	1-DH5	2480	Ant1	No-Hopping	2484.184	-46.45	2	-	50.81	Peak	74	Pass
NVNT	1-DH5	2480	Ant1	No-Hopping	2491.576	-56.95	2	1.1	41.41	Average	54	Pass
NVNT	1-DH5	2480	Ant1	No-Hopping	2500	-49.22	2	-	48.04	Peak	74	Pass
NVNT	1-DH5	2480	Ant1	No-Hopping	2500	-57.53	2	1.1	40.83	Average	54	Pass
NVNT	2-DH5	2402	Ant1	No-Hopping	2310	-51.07	2	-	46.19	Peak	74	Pass
NVNT	2-DH5	2402	Ant1	No-Hopping	2310	-58.72	2	1.12	39.66	Average	54	Pass
NVNT	2-DH5	2402	Ant1	No-Hopping	2371.44	-46.79	2	-	50.47	Peak	74	Pass
NVNT	2-DH5	2402	Ant1	No-Hopping	2353.2	-57.71	2	1.12	40.67	Average	54	Pass
NVNT	2-DH5	2402	Ant1	No-Hopping	2390	-50.6	2	-	46.66	Peak	74	Pass
NVNT	2-DH5	2402	Ant1	No-Hopping	2390	-58.45	2	1.12	39.93	Average	54	Pass
NVNT	2-DH5	2480	Ant1	No-Hopping	2483.5	-48.8	2	-	48.46	Peak	74	Pass
NVNT	2-DH5	2480	Ant1	No-Hopping	2483.5	-57.31	2	1.12	41.07	Average	54	Pass
NVNT	2-DH5	2480	Ant1	No-Hopping	2492.416	-46.72	2	-	50.54	Peak	74	Pass
NVNT	2-DH5	2480	Ant1	No-Hopping	2483.56	-56.57	2	1.12	41.81	Average	54	Pass
NVNT	2-DH5	2480	Ant1	No-Hopping	2500	-50.06	2	-	47.2	Peak	74	Pass
NVNT	2-DH5	2480	Ant1	No-Hopping	2500	-58.3	2	1.12	40.08	Average	54	Pass
NVNT	3-DH5	2402	Ant1	No-Hopping	2310	-51.6	2	-	45.66	Peak	74	Pass
NVNT	3-DH5	2402	Ant1	No-Hopping	2310	-58.69	2	1.12	39.69	Average	54	Pass
NVNT	3-DH5	2402	Ant1	No-Hopping	2381.904	-47.51	2	-	49.75	Peak	74	Pass
NVNT	3-DH5	2402	Ant1	No-Hopping	2357.52	-57.78	2	1.12	40.6	Average	54	Pass
NVNT	3-DH5	2402	Ant1	No-Hopping	2390	-49.9	2	-	47.36	Peak	74	Pass
NVNT	3-DH5	2402	Ant1	No-Hopping	2390	-58.69	2	1.12	39.69	Average	54	Pass
NVNT	3-DH5	2480	Ant1	No-Hopping	2483.5	-49.58	2	-	47.68	Peak	74	Pass
NVNT	3-DH5	2480	Ant1	No-Hopping	2483.5	-57.39	2	1.12	40.99	Average	54	Pass
NVNT	3-DH5	2480	Ant1	No-Hopping	2491.216	-47.04	2	-	50.22	Peak	74	Pass
NVNT	3-DH5	2480	Ant1	No-Hopping	2483.68	-56.85	2	1.12	41.53	Average	54	Pass
NVNT	3-DH5	2480	Ant1	No-Hopping	2500	-48.05	2	-	49.21	Peak	74	Pass
NVNT	3-DH5	2480	Ant1	No-Hopping	2500	-57.63	2	1.12	40.75	Average	54	Pass

Test Graphs

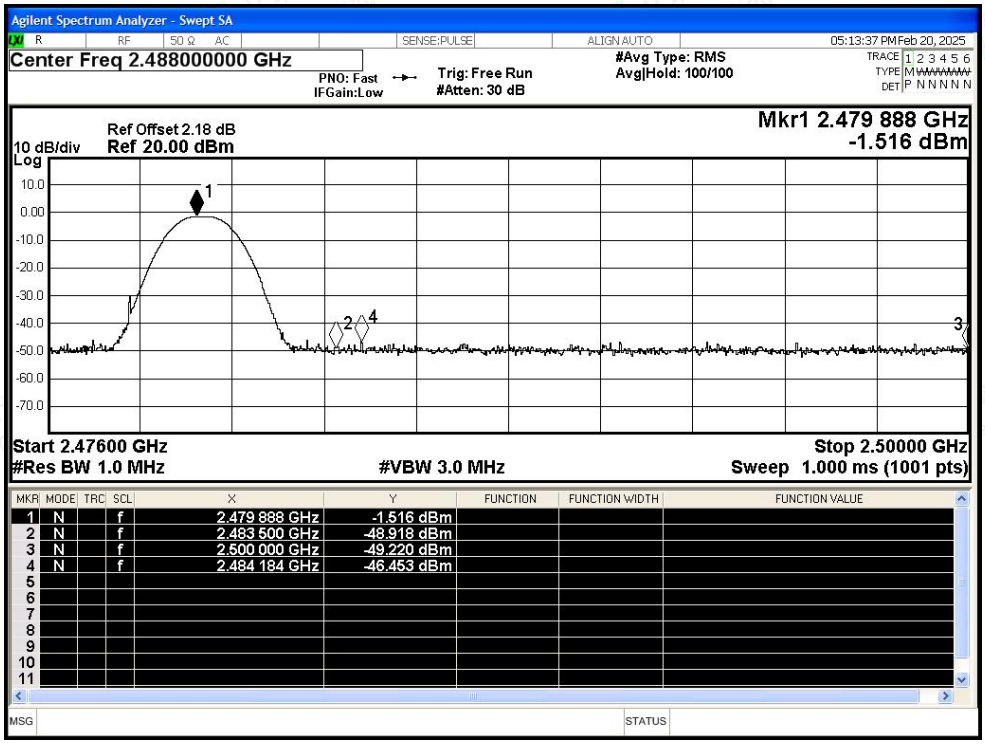
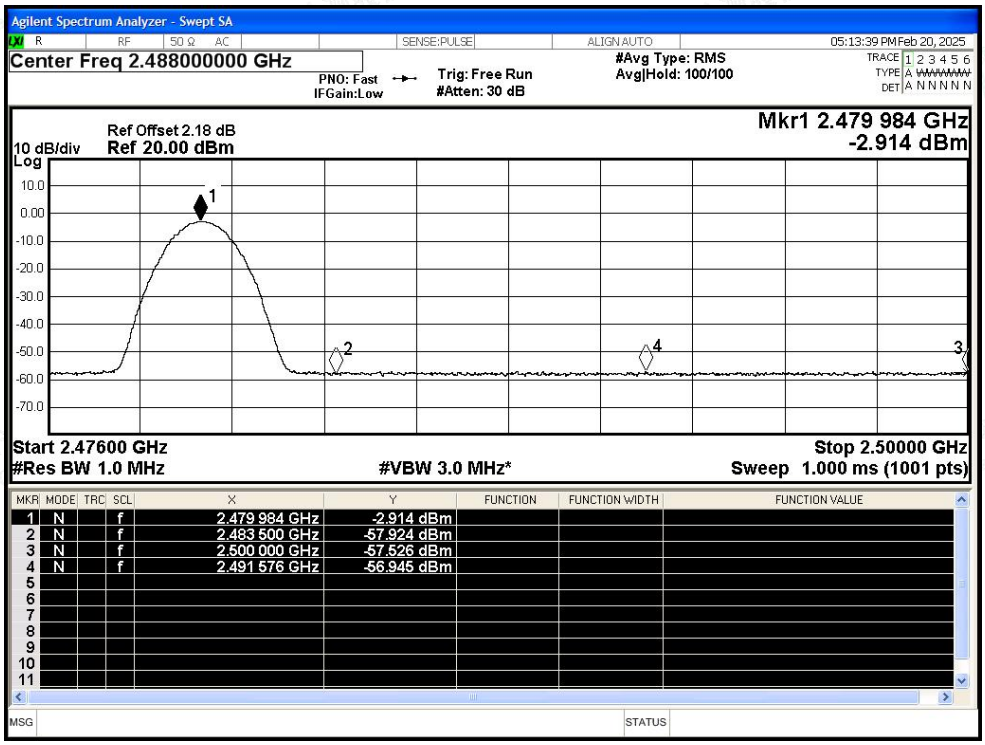
Restrict Band NVNT 1-DH5 2402MHz Ant1 No-Hopping Peak



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