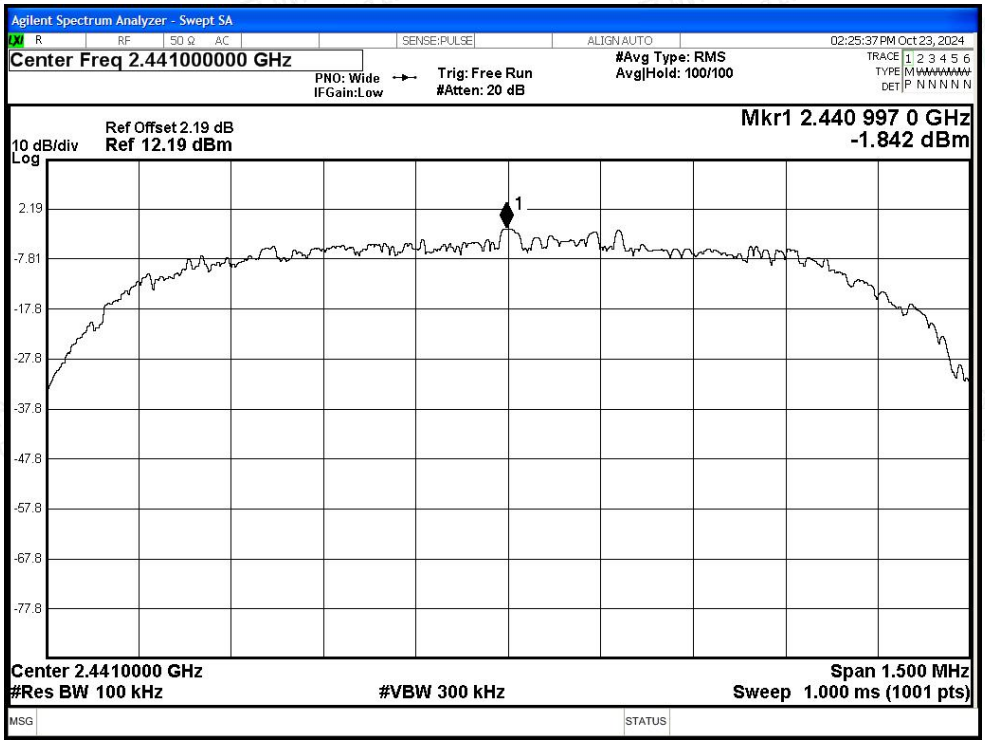
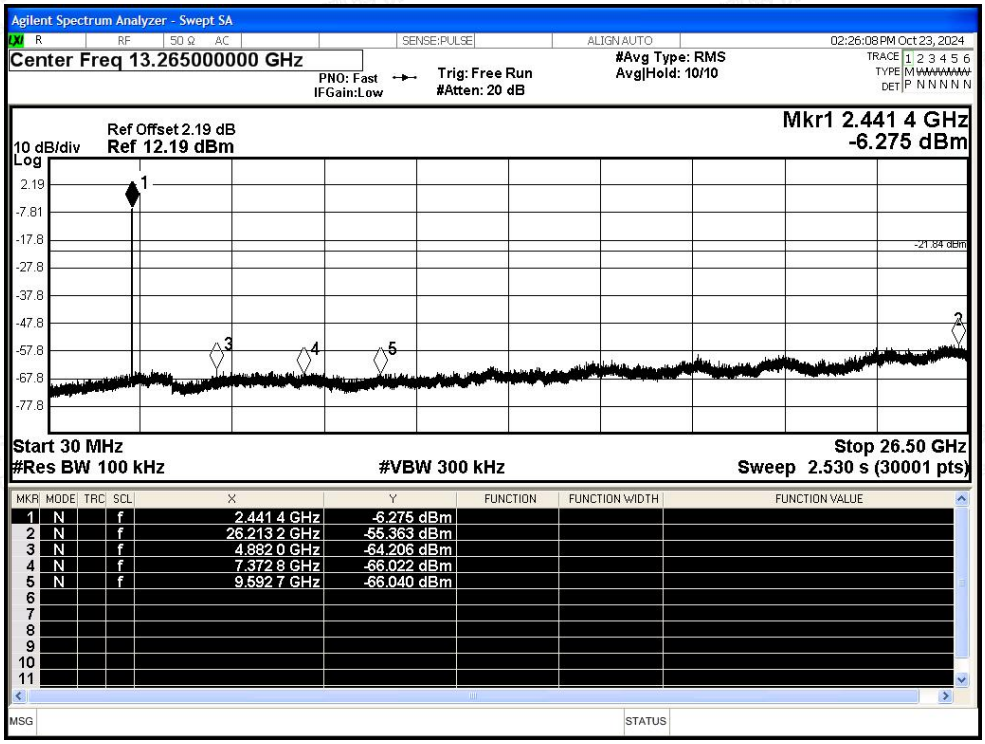
Tx. Spurious NVNT 3-DH5 2441MHz Ant1 Ref

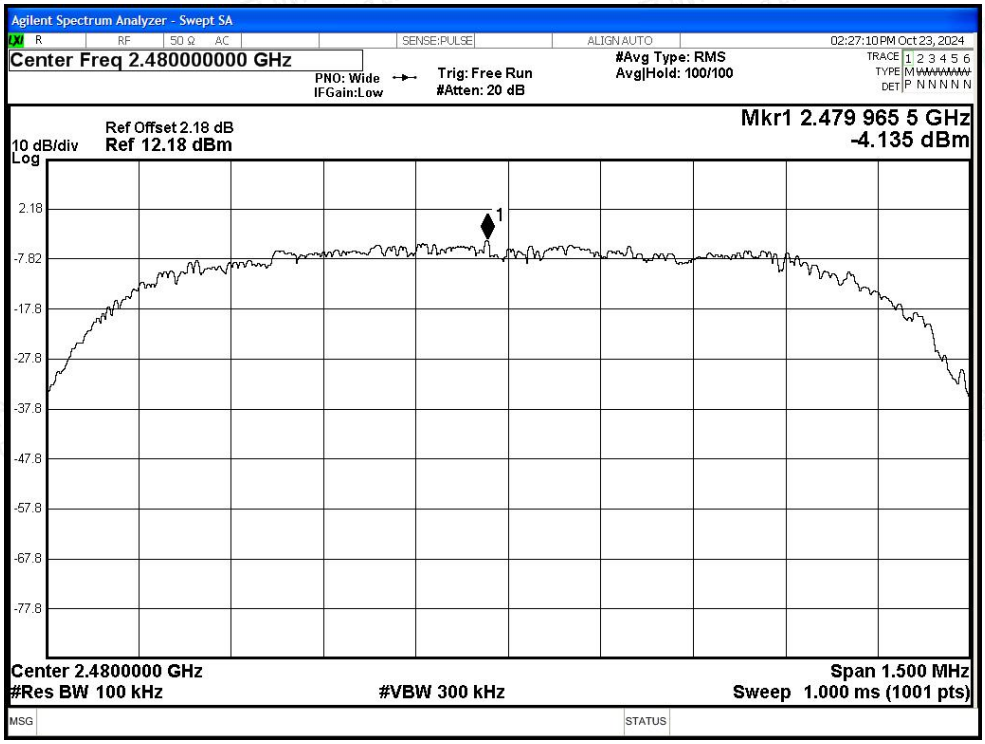


Tx. Spurious NVNT 3-DH5 2441MHz Ant1 Emission

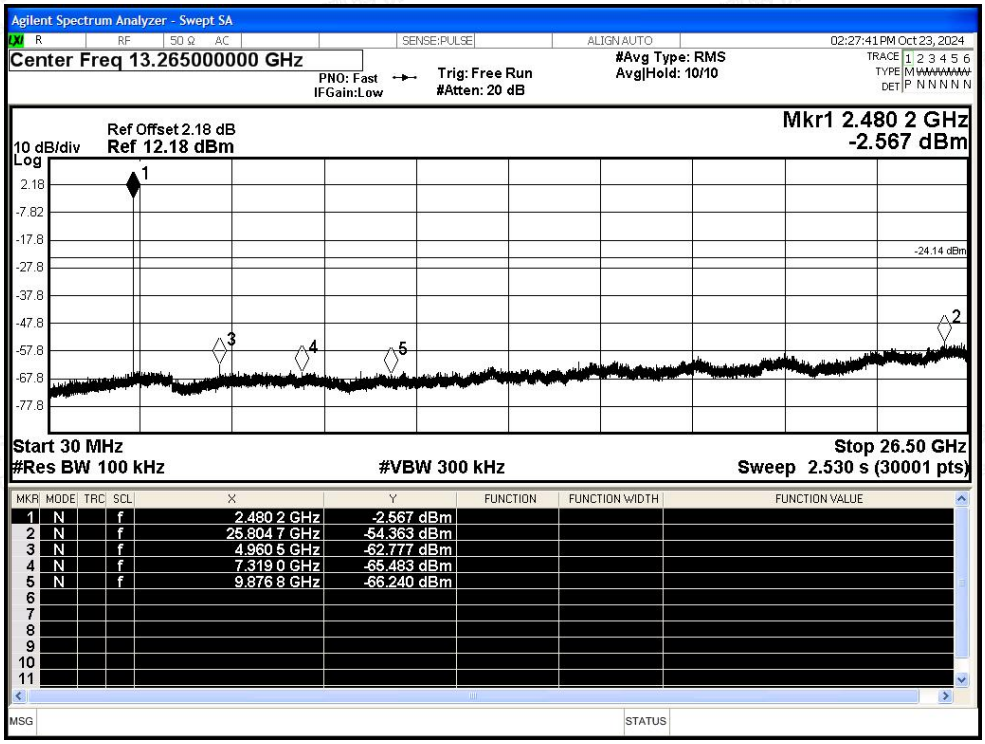


MKR	MODE	TRC	SCL	X	Y	FUNCTION	FUNCTION WIDTH	FUNCTION VALUE
1	N		f	2.441 4 GHz	-6.275 dBm			
2	N		f	26.213 2 GHz	-55.363 dBm			
3	N		f	4.882 0 GHz	-64.206 dBm			
4	N		f	7.372 8 GHz	-66.022 dBm			
5	N		f	9.592 7 GHz	-66.040 dBm			
6								
7								
8								
9								
10								
11								

Tx. Spurious NVNT 3-DH5 2480MHz Ant1 Ref



Tx. Spurious NVNT 3-DH5 2480MHz Ant1 Emission



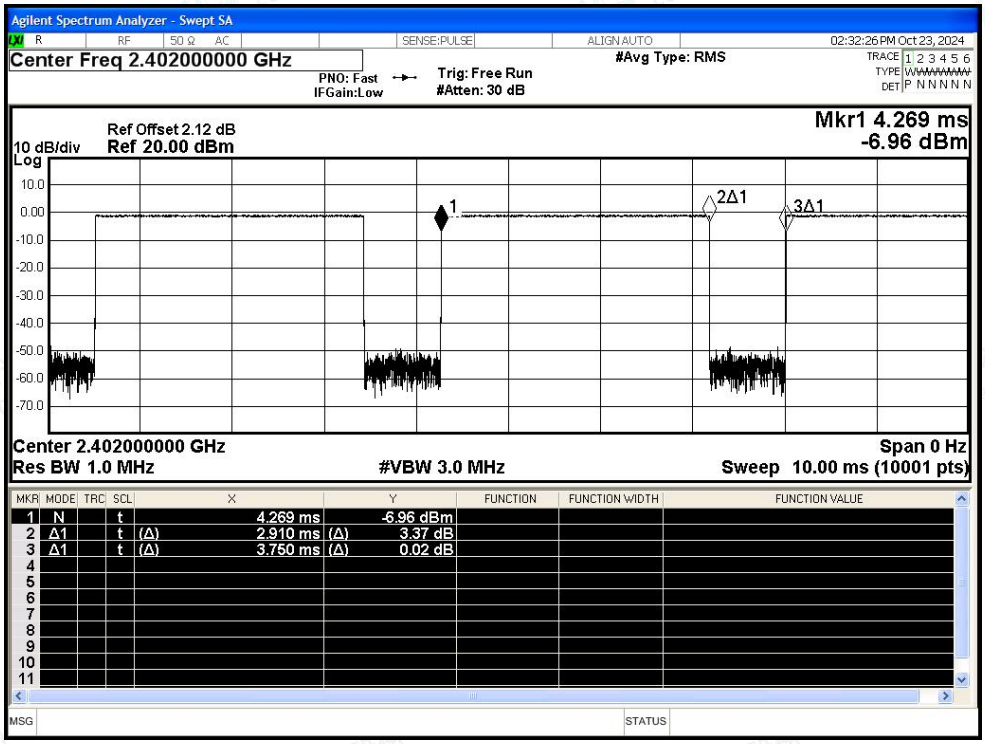
MKR	MODE	TRC	SCL	X	Y	FUNCTION	FUNCTION WIDTH	FUNCTION VALUE
1	N		f	2.480 2 GHz	-2.567 dBm			
2	N		f	25.804 7 GHz	-54.363 dBm			
3	N		f	4.960 5 GHz	-62.777 dBm			
4	N		f	7.319 0 GHz	-65.483 dBm			
5	N		f	9.876 8 GHz	-66.240 dBm			
6								
7								
8								
9								
10								
11								

A.8 Duty Cycle

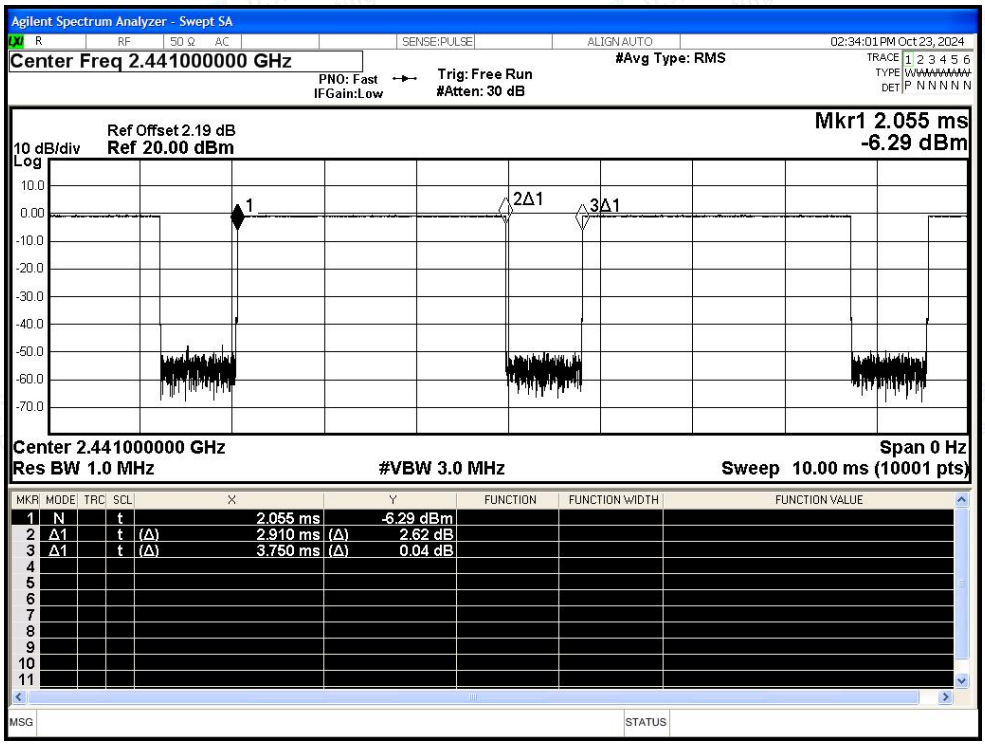
Condition	Mode	Frequency (MHz)	Antenna	Duty Cycle (%)	Correction Factor (dB)	1/T (kHz)
NVNT	1-DH5	2402	Ant1	77.6	1.1	0.34
NVNT	1-DH5	2441	Ant1	77.6	1.1	0.34
NVNT	1-DH5	2480	Ant1	77.63	1.1	0.34
NVNT	2-DH5	2402	Ant1	77.28	1.12	0.35
NVNT	2-DH5	2441	Ant1	77.33	1.12	0.34
NVNT	2-DH5	2480	Ant1	77.33	1.12	0.34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

Test Graphs

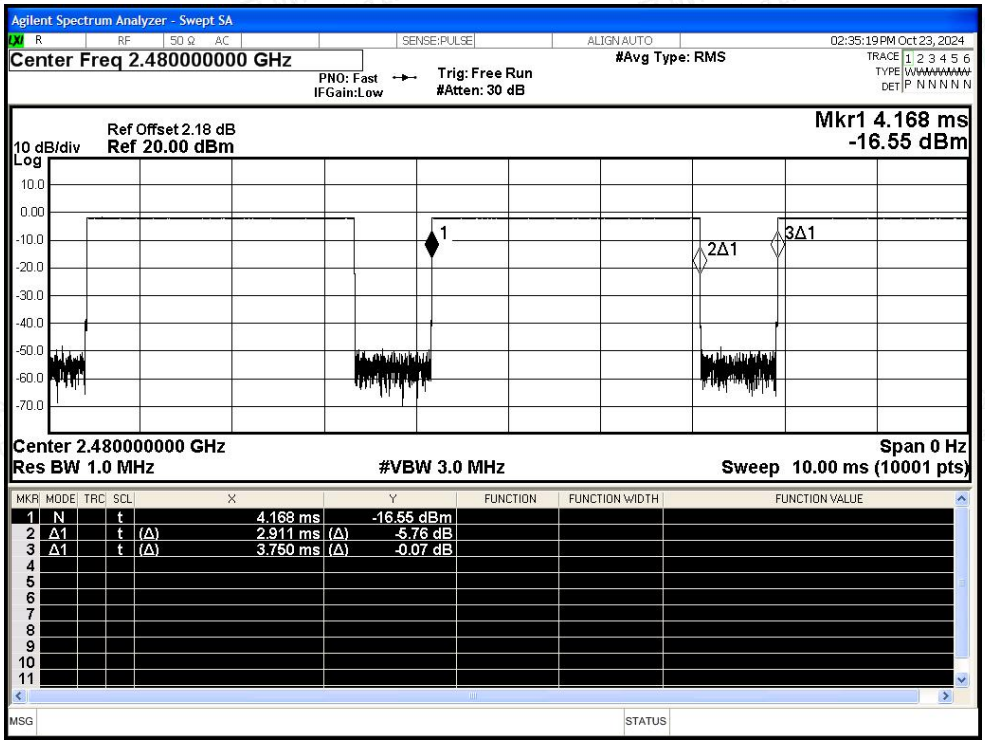
Duty Cycle NVNT 1-DH5 2402MHz Ant1



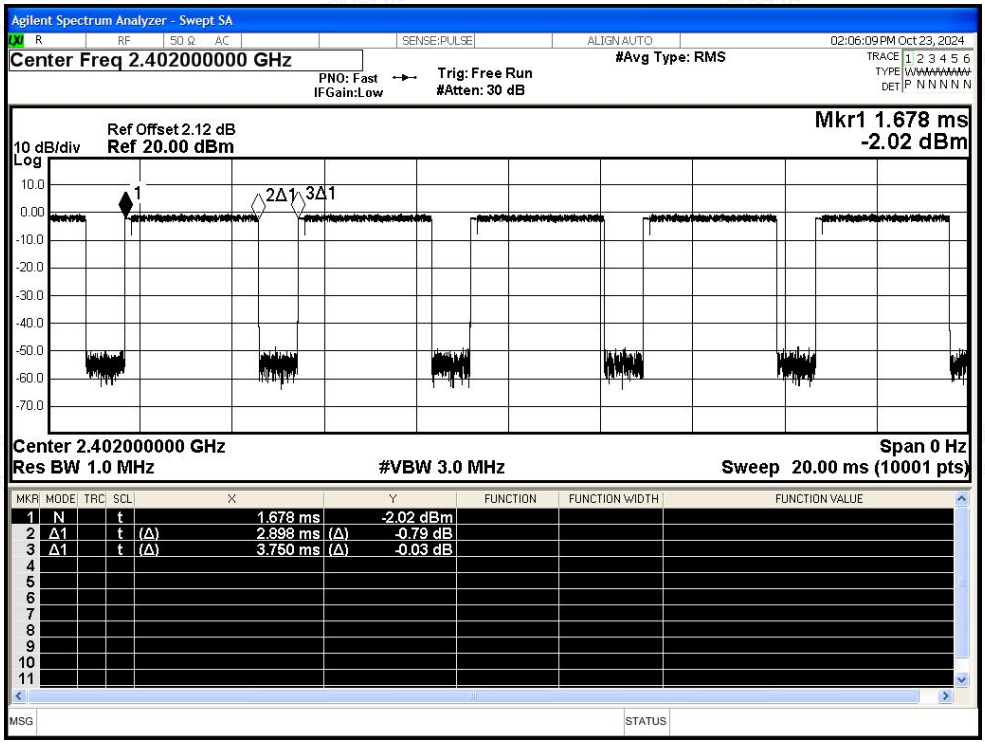
Duty Cycle NVNT 1-DH5 2441MHz Ant1



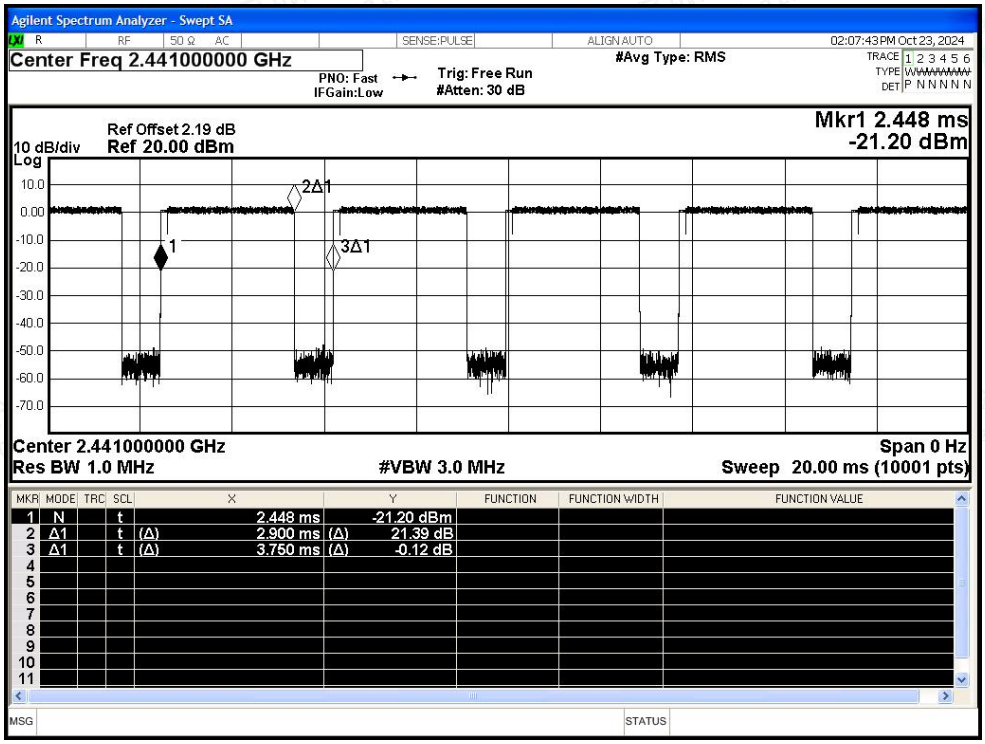
Duty Cycle NVNT 1-DH5 2480MHz Ant1



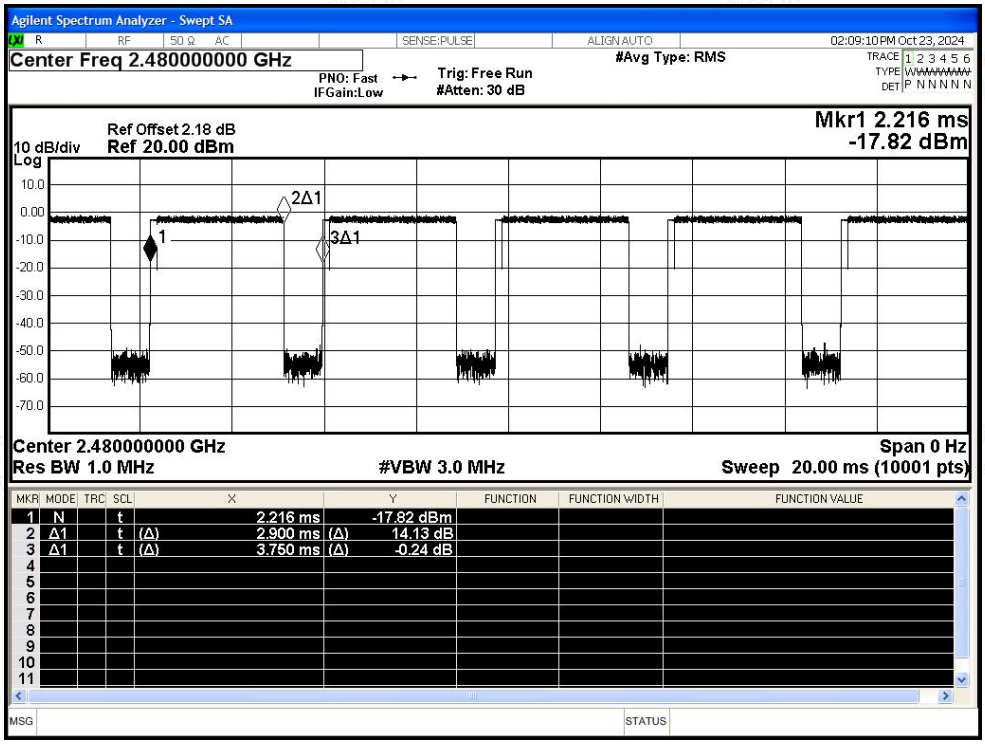
Duty Cycle NVNT 2-DH5 2402MHz Ant1



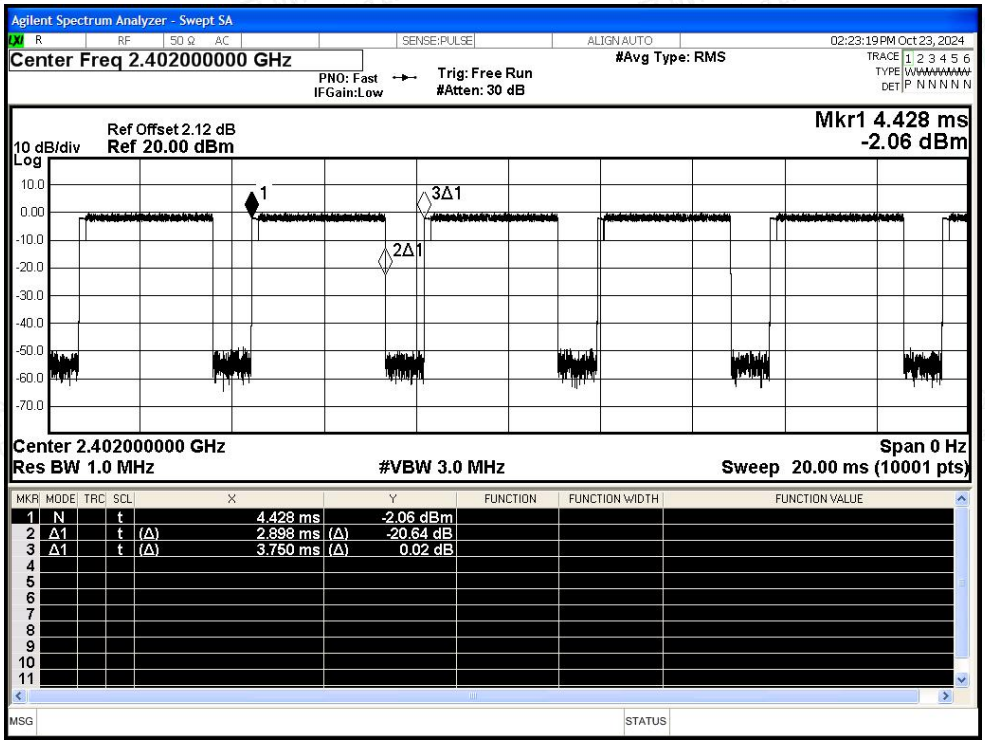
Duty Cycle NVNT 2-DH5 2441MHz Ant1



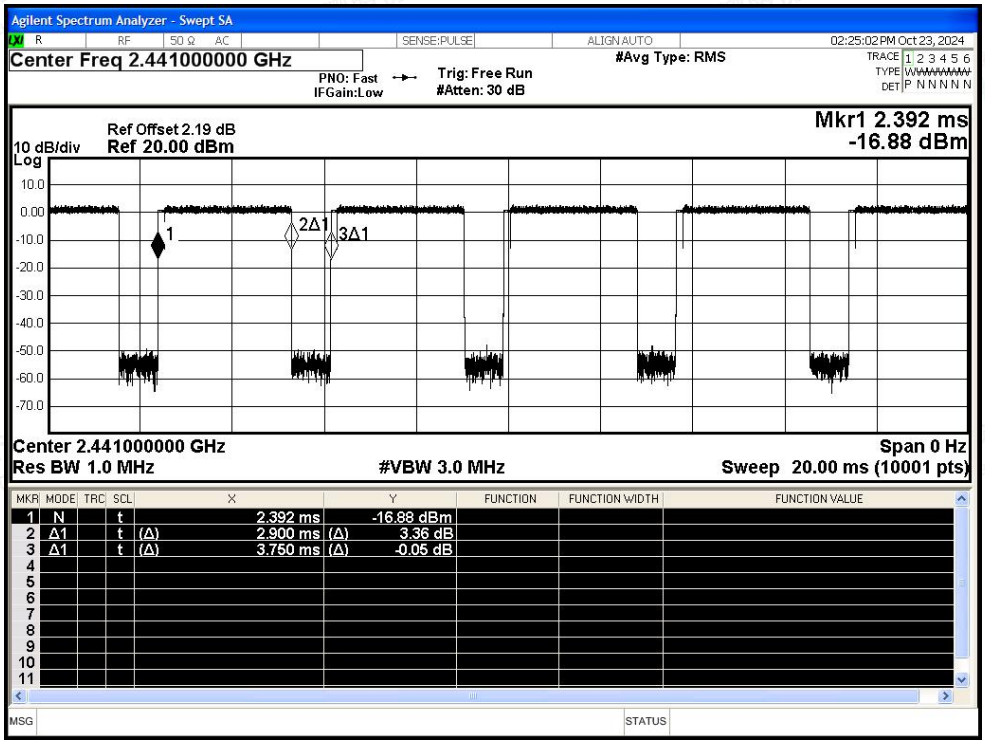
Duty Cycle NVNT 2-DH5 2480MHz Ant1



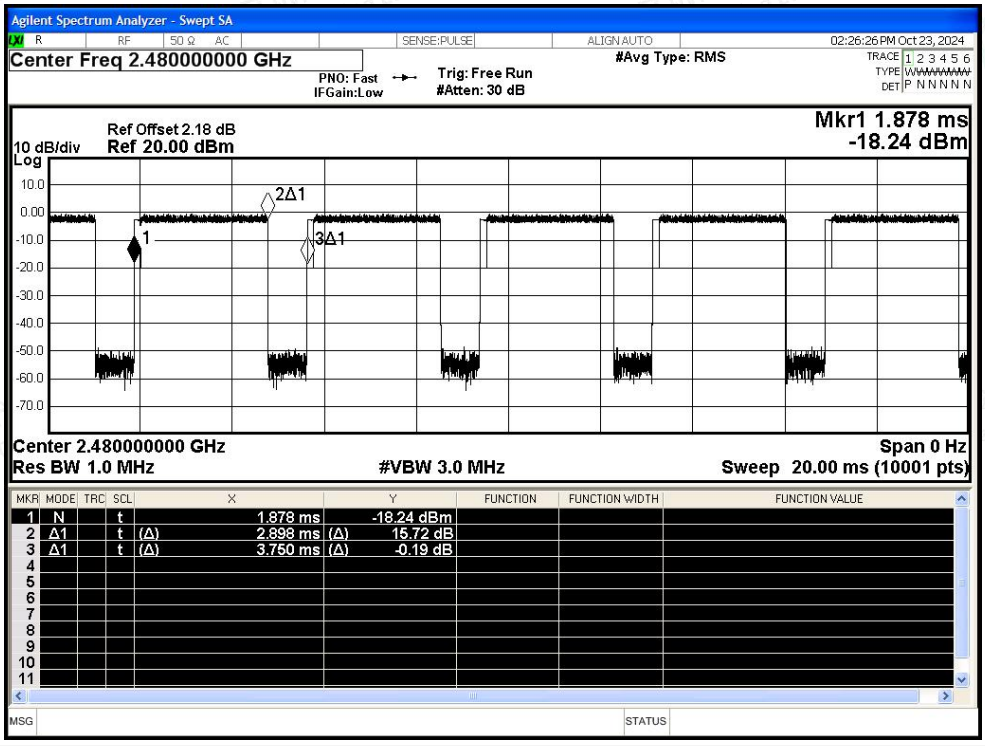
Duty Cycle NVNT 3-DH5 2402MHz Ant1



Duty Cycle NVNT 3-DH5 2441MHz Ant1



Duty Cycle NVNT 3-DH5 2480MHz Ant1

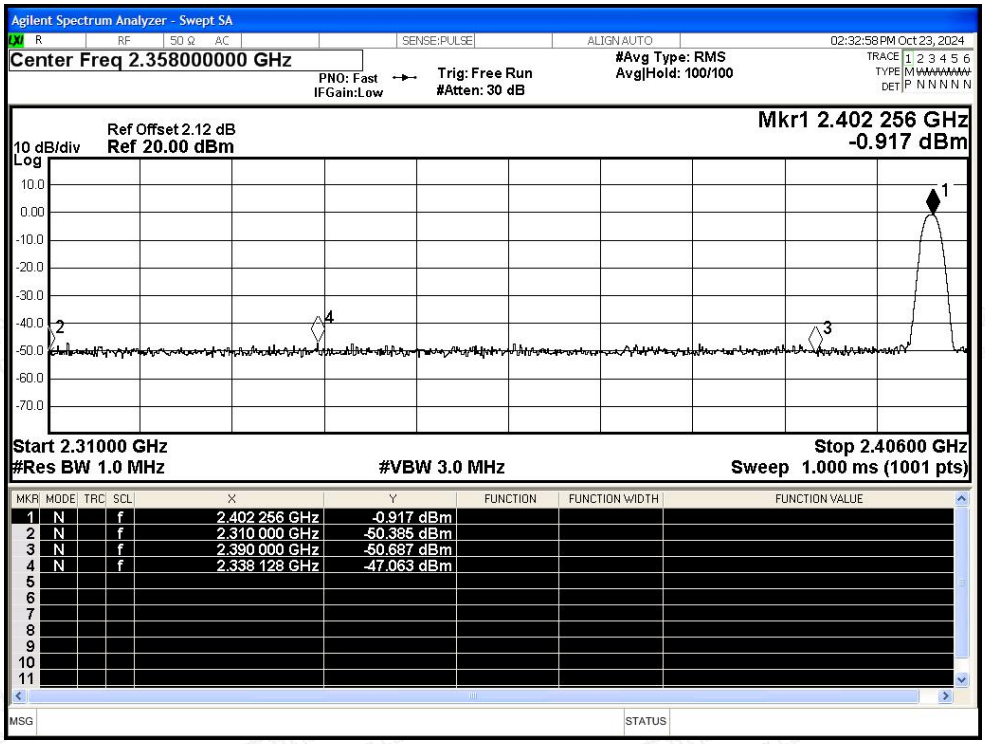


A.9 Restrict Band

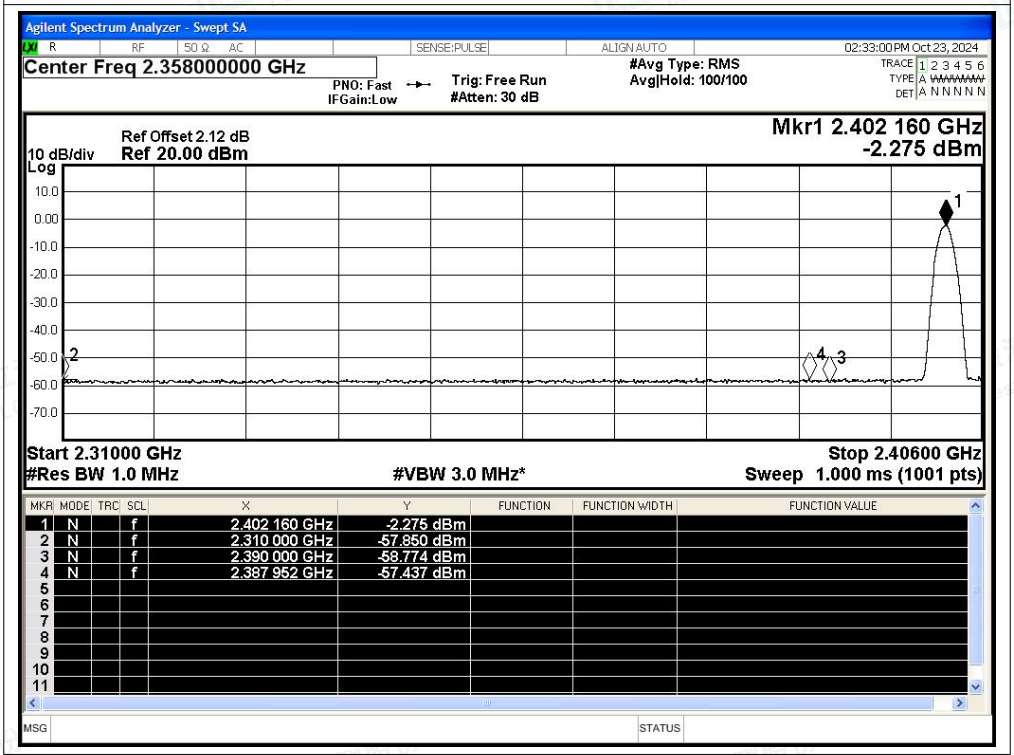
Condition	Mode	Frequency (MHz)	Antenna	Hopping Mode	Spur Freq (MHz)	Power (dBm)	Gain (dBi)	Duty Factor (dB)	E (dBuV/m)	Detector	Limit (dBuV/m)	Verdict
NVNT	1-DH5	2402	Ant1	No-Hopping	2310	-50.39	2	-	46.87	Peak	74	Pass
NVNT	1-DH5	2402	Ant1	No-Hopping	2310	-57.85	2	1.1	40.51	Average	54	Pass
NVNT	1-DH5	2402	Ant1	No-Hopping	2338.128	-47.06	2	-	50.2	Peak	74	Pass
NVNT	1-DH5	2402	Ant1	No-Hopping	2387.952	-57.44	2	1.1	40.92	Average	54	Pass
NVNT	1-DH5	2402	Ant1	No-Hopping	2390	-50.69	2	-	46.57	Peak	74	Pass
NVNT	1-DH5	2402	Ant1	No-Hopping	2390	-58.77	2	1.1	39.59	Average	54	Pass
NVNT	1-DH5	2480	Ant1	No-Hopping	2483.5	-49.99	2	-	47.27	Peak	74	Pass
NVNT	1-DH5	2480	Ant1	No-Hopping	2483.5	-58.47	2	1.1	39.89	Average	54	Pass
NVNT	1-DH5	2480	Ant1	No-Hopping	2491.264	-46.98	2	-	50.28	Peak	74	Pass
NVNT	1-DH5	2480	Ant1	No-Hopping	2498.968	-56.86	2	1.1	41.5	Average	54	Pass
NVNT	1-DH5	2480	Ant1	No-Hopping	2500	-49.66	2	-	47.6	Peak	74	Pass
NVNT	1-DH5	2480	Ant1	No-Hopping	2500	-57.2	2	1.1	41.16	Average	54	Pass
NVNT	2-DH5	2402	Ant1	No-Hopping	2310	-50.07	2	-	47.19	Peak	74	Pass
NVNT	2-DH5	2402	Ant1	No-Hopping	2310	-58.85	2	1.12	39.53	Average	54	Pass
NVNT	2-DH5	2402	Ant1	No-Hopping	2367.792	-47.7	2	-	49.56	Peak	74	Pass
NVNT	2-DH5	2402	Ant1	No-Hopping	2344.656	-57.51	2	1.12	40.87	Average	54	Pass
NVNT	2-DH5	2402	Ant1	No-Hopping	2390	-49.5	2	-	47.76	Peak	74	Pass
NVNT	2-DH5	2402	Ant1	No-Hopping	2390	-58.32	2	1.12	40.06	Average	54	Pass
NVNT	2-DH5	2480	Ant1	No-Hopping	2483.5	-49.64	2	-	47.62	Peak	74	Pass
NVNT	2-DH5	2480	Ant1	No-Hopping	2483.5	-57.7	2	1.12	40.68	Average	54	Pass
NVNT	2-DH5	2480	Ant1	No-Hopping	2484.04	-46.51	2	-	50.75	Peak	74	Pass
NVNT	2-DH5	2480	Ant1	No-Hopping	2499.928	-56.74	2	1.12	41.64	Average	54	Pass
NVNT	2-DH5	2480	Ant1	No-Hopping	2500	-50.76	2	-	46.5	Peak	74	Pass
NVNT	2-DH5	2480	Ant1	No-Hopping	2500	-57.16	2	1.12	41.22	Average	54	Pass
NVNT	3-DH5	2402	Ant1	No-Hopping	2310	-50.69	2	-	46.57	Peak	74	Pass
NVNT	3-DH5	2402	Ant1	No-Hopping	2310	-58.36	2	1.12	40.02	Average	54	Pass
NVNT	3-DH5	2402	Ant1	No-Hopping	2383.152	-47.59	2	-	49.67	Peak	74	Pass
NVNT	3-DH5	2402	Ant1	No-Hopping	2376.912	-57.39	2	1.12	40.99	Average	54	Pass
NVNT	3-DH5	2402	Ant1	No-Hopping	2390	-48.56	2	-	48.7	Peak	74	Pass
NVNT	3-DH5	2402	Ant1	No-Hopping	2390	-57.76	2	1.12	40.62	Average	54	Pass
NVNT	3-DH5	2480	Ant1	No-Hopping	2483.5	-49.09	2	-	48.17	Peak	74	Pass
NVNT	3-DH5	2480	Ant1	No-Hopping	2483.5	-57.63	2	1.12	40.75	Average	54	Pass
NVNT	3-DH5	2480	Ant1	No-Hopping	2489.152	-46.78	2	-	50.48	Peak	74	Pass
NVNT	3-DH5	2480	Ant1	No-Hopping	2486.032	-57.08	2	1.12	41.3	Average	54	Pass
NVNT	3-DH5	2480	Ant1	No-Hopping	2500	-50.26	2	-	47	Peak	74	Pass
NVNT	3-DH5	2480	Ant1	No-Hopping	2500	-58.35	2	1.12	40.03	Average	54	Pass

Test Graphs

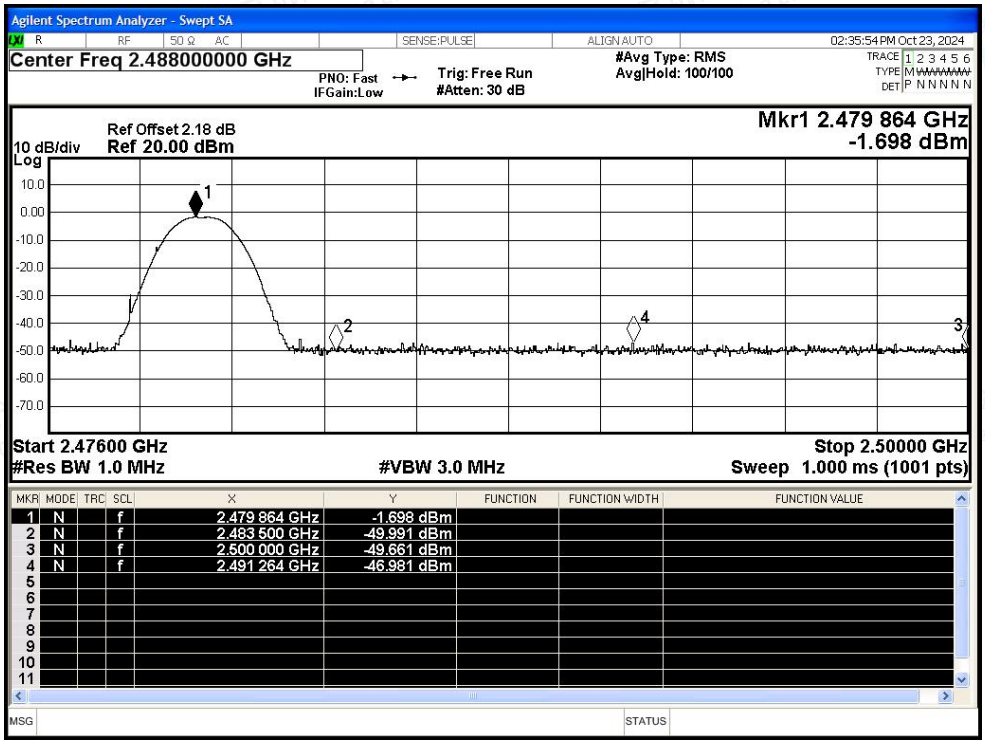
Restrict Band NVNT 1-DH5 2402MHz Ant1 No-Hopping Peak



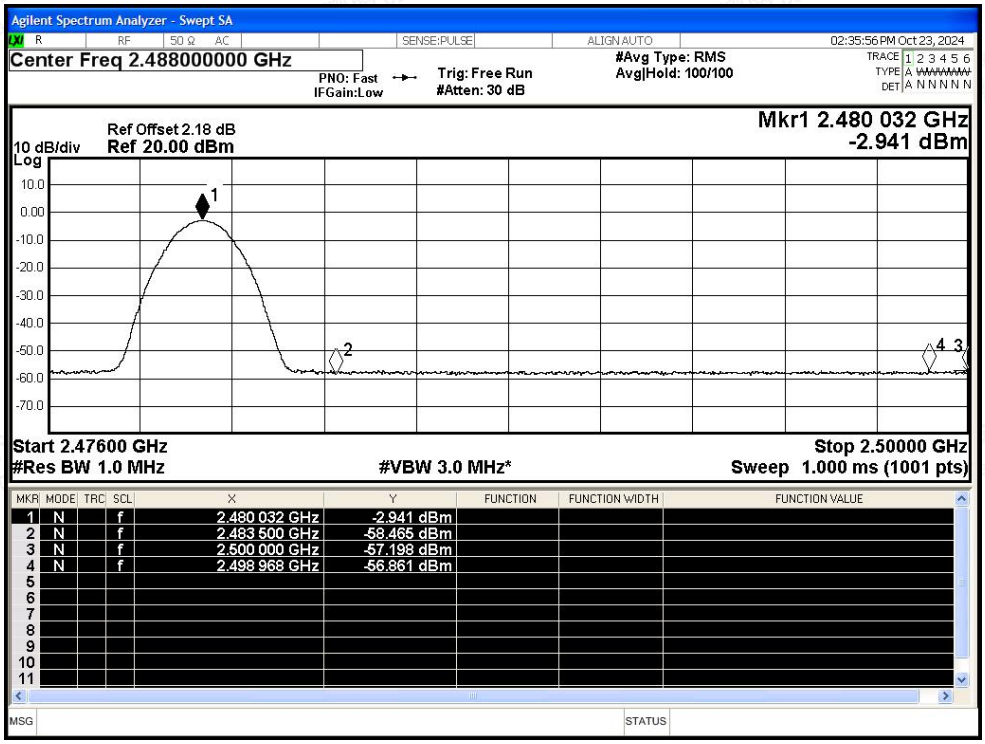
Restrict Band NVNT 1-DH5 2402MHz Ant1 No-Hopping Average



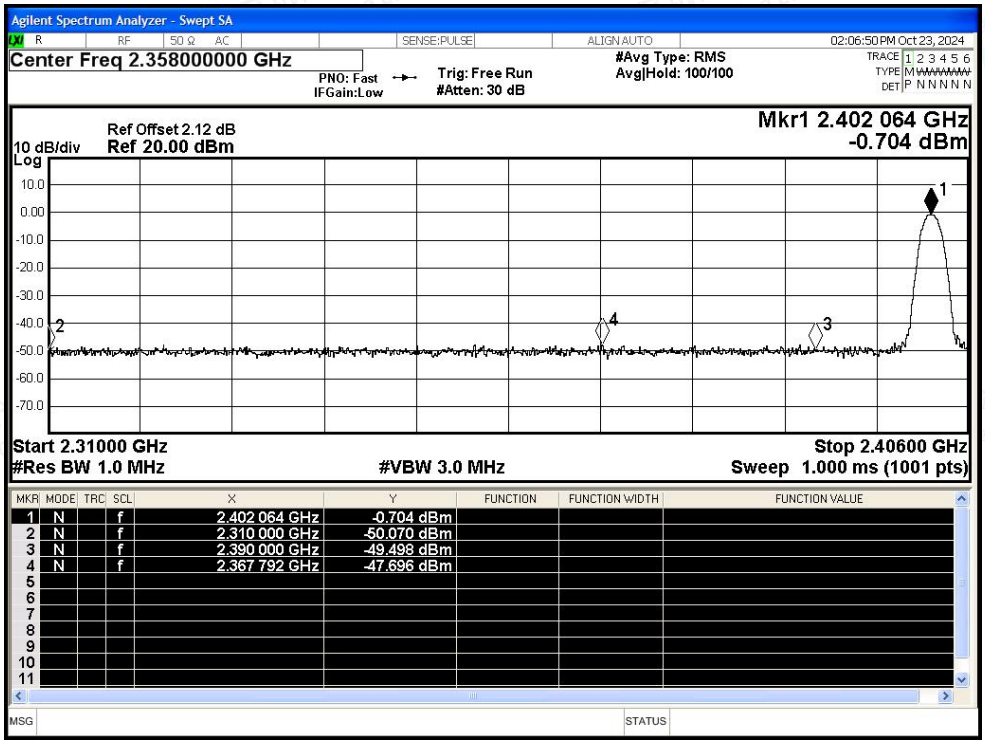
Restrict Band NVNT 1-DH5 2480MHz Ant1 No-Hopping Peak



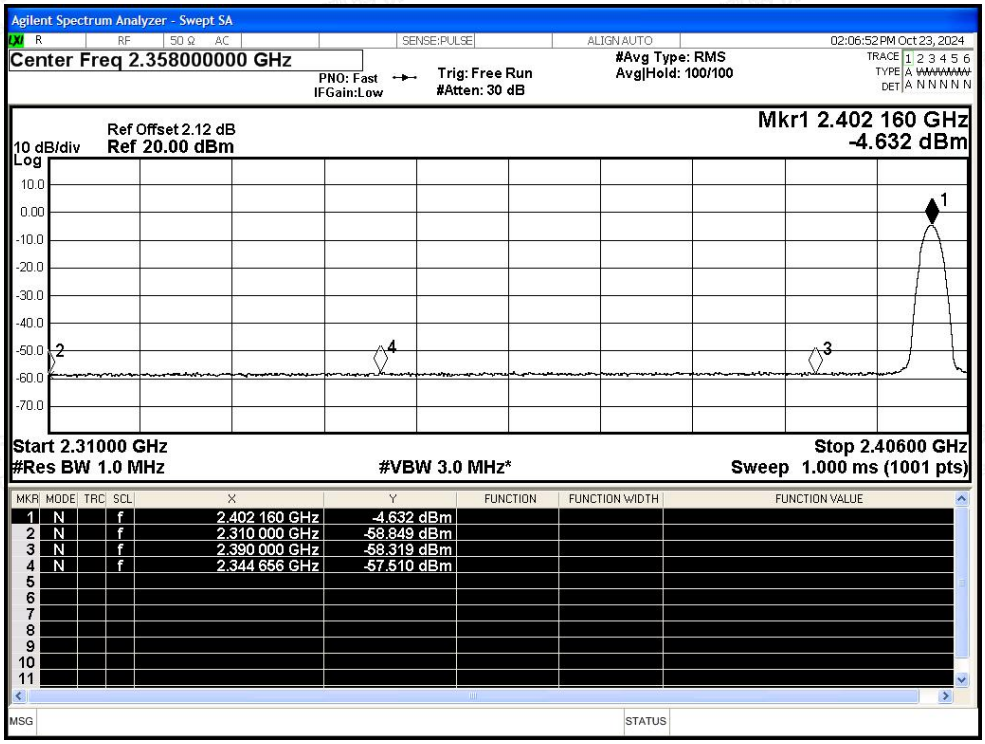
Restrict Band NVNT 1-DH5 2480MHz Ant1 No-Hopping Average



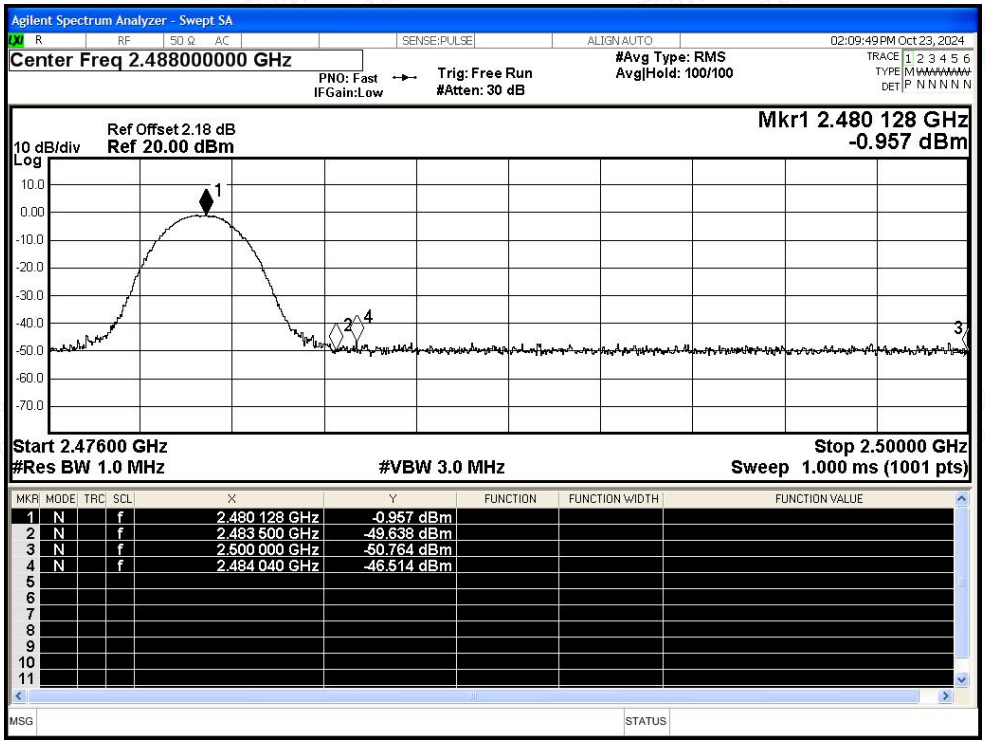
Restrict Band NVNT 2-DH5 2402MHz Ant1 No-Hopping Peak



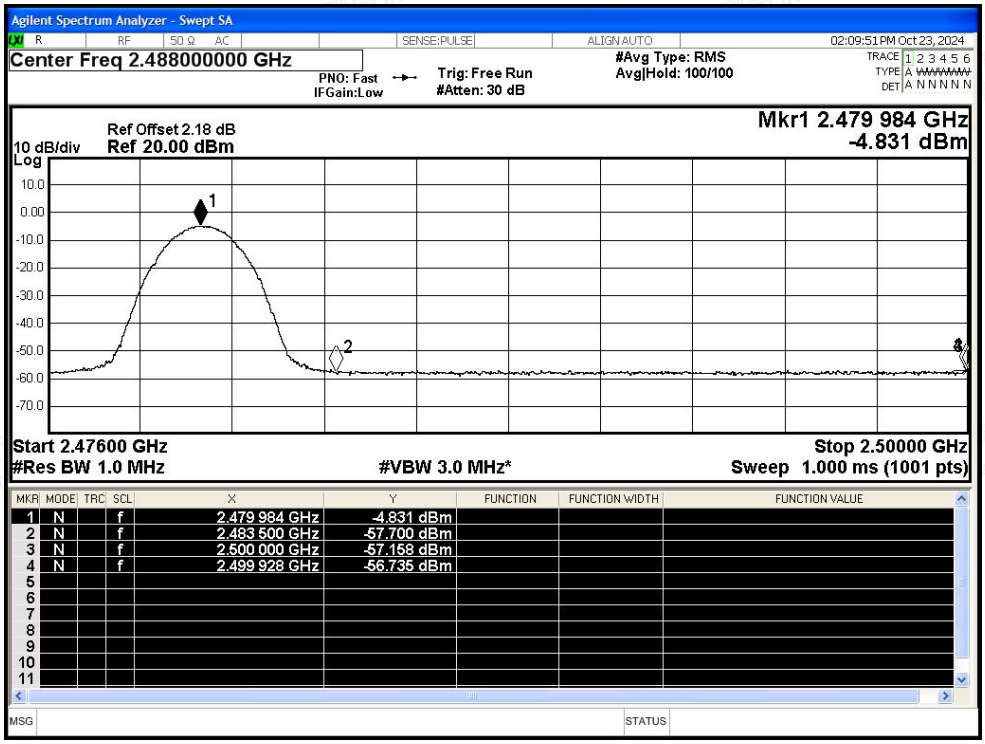
Restrict Band NVNT 2-DH5 2402MHz Ant1 No-Hopping Average



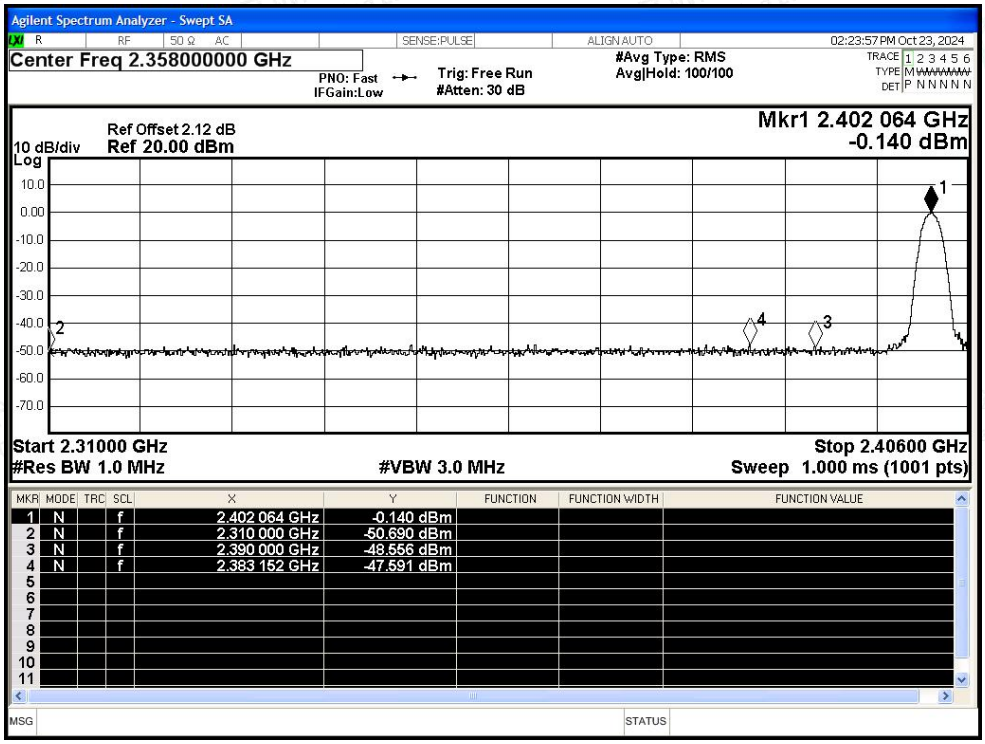
Restrict Band NVNT 2-DH5 2480MHz Ant1 No-Hopping Peak



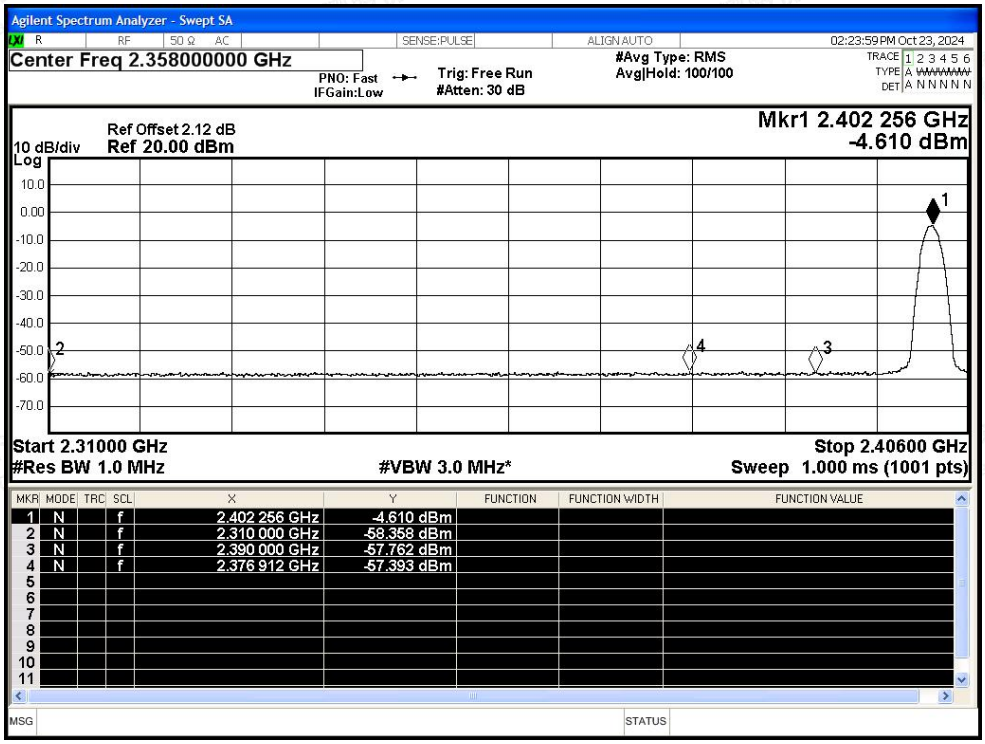
Restrict Band NVNT 2-DH5 2480MHz Ant1 No-Hopping Average



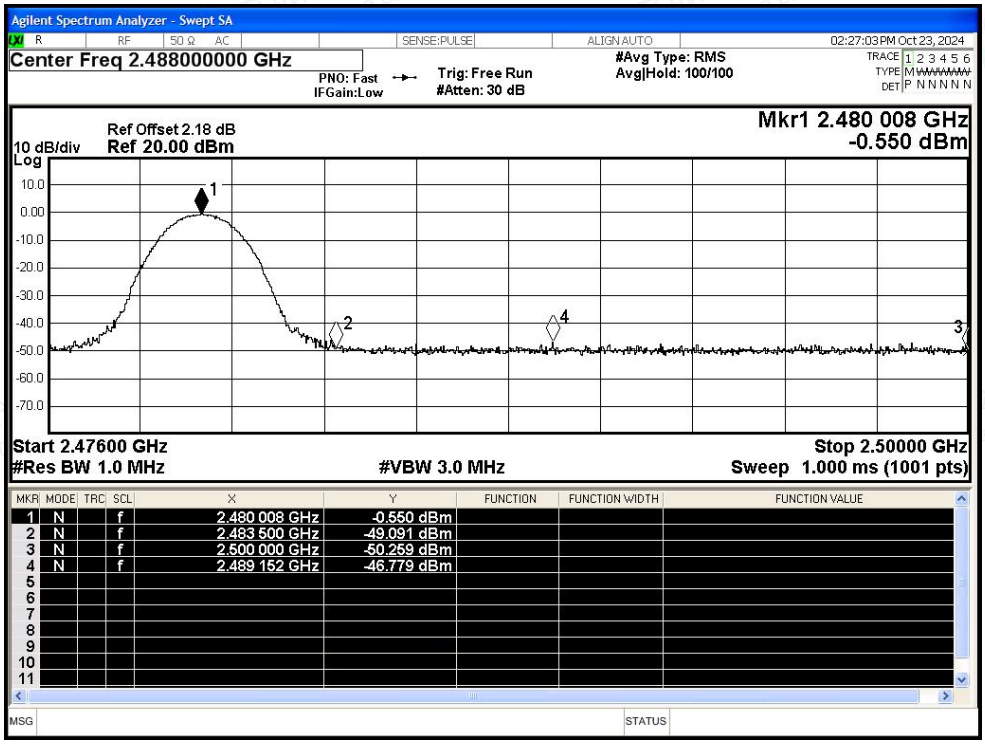
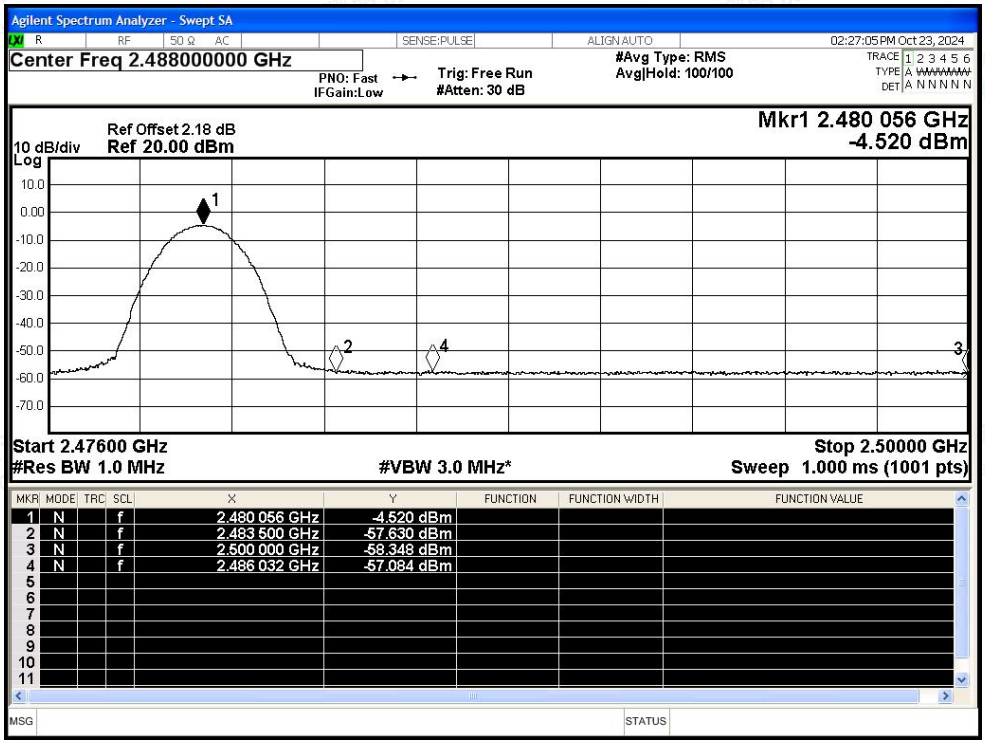
Restrict Band NVNT 3-DH5 2402MHz Ant1 No-Hopping Peak



Restrict Band NVNT 3-DH5 2402MHz Ant1 No-Hopping Average



Restrict Band NVNT 3-DH5 2480MHz Ant1 No-Hopping Peak



Restrict Band NVNT 3-DH5 2480MHz Ant1 No-Hopping Average