

Appendix A BR

Maximum Conducted Output Power

Condition	Mode	Frequency (MHz)	Antenna	Conducted Power (dBm)	Duty Factor (dB)	Total Power (dBm)	Limit (dBm)	Verdict
NVNT	1-DH5	2402	Ant1	2.99	0	2.99	21	Pass
NVNT	1-DH5	2441	Ant1	2.77	0	2.77	21	Pass
NVNT	1-DH5	2480	Ant1	2.29	0	2.29	21	Pass
NVNT	2-DH5	2402	Ant1	3.86	0	3.86	21	Pass
NVNT	2-DH5	2441	Ant1	3.63	0	3.63	21	Pass
NVNT	2-DH5	2480	Ant1	3.15	0	3.15	21	Pass
NVNT	3-DH5	2402	Ant1	4.22	0	4.22	21	Pass
NVNT	3-DH5	2441	Ant1	3.94	0	3.94	21	Pass
NVNT	3-DH5	2480	Ant1	3.45	0	3.45	21	Pass

Test Graphs

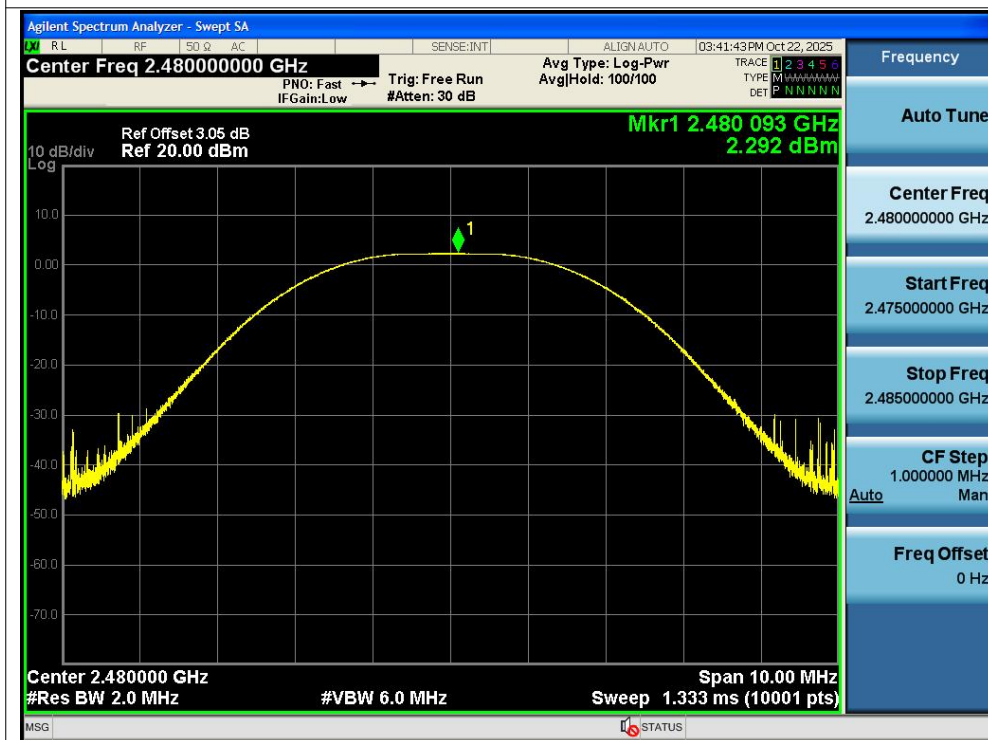
Power NVNT 1-DH5 2402MHz Ant1



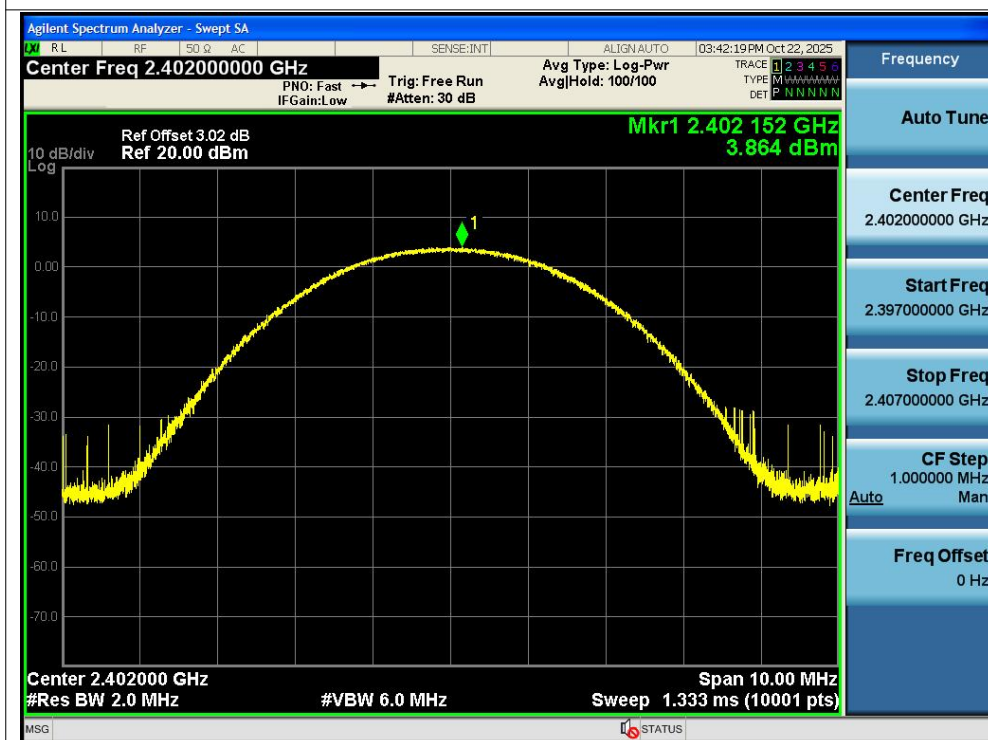
Power NVNT 1-DH5 2441MHz Ant1



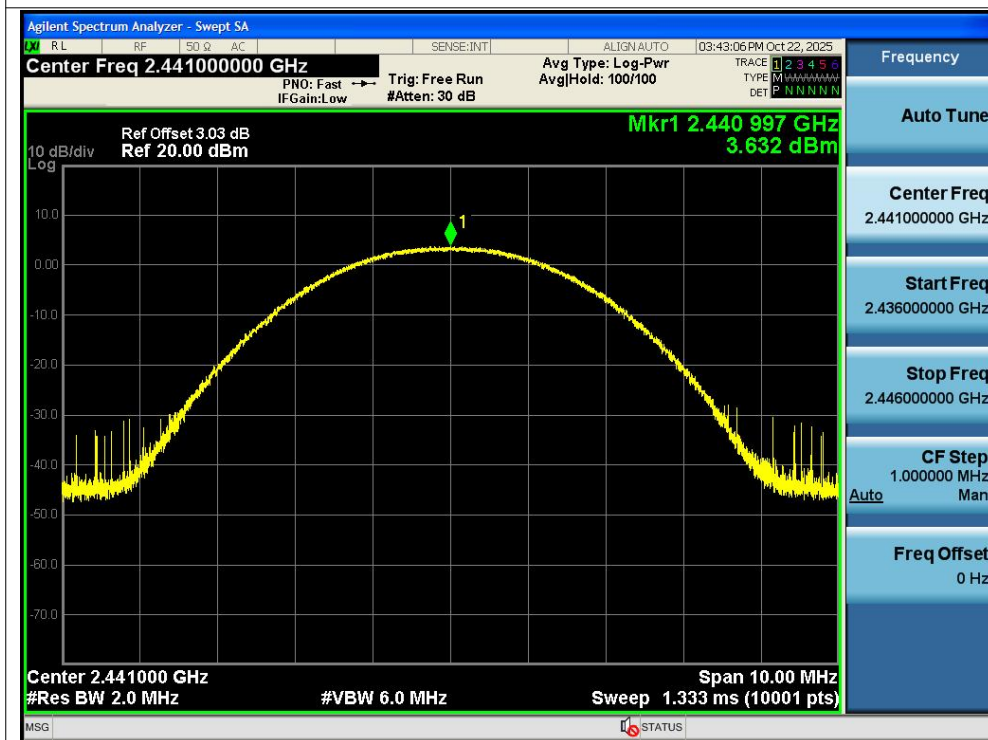
Power NVNT 1-DH5 2480MHz Ant1



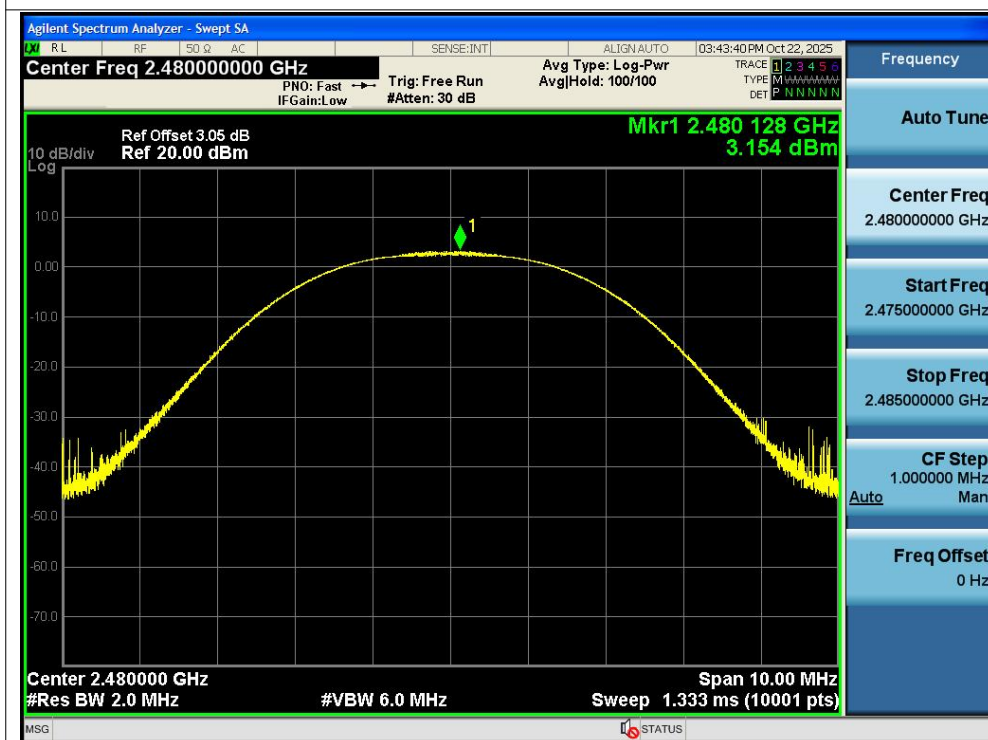
Power NVNT 2-DH5 2402MHz Ant1



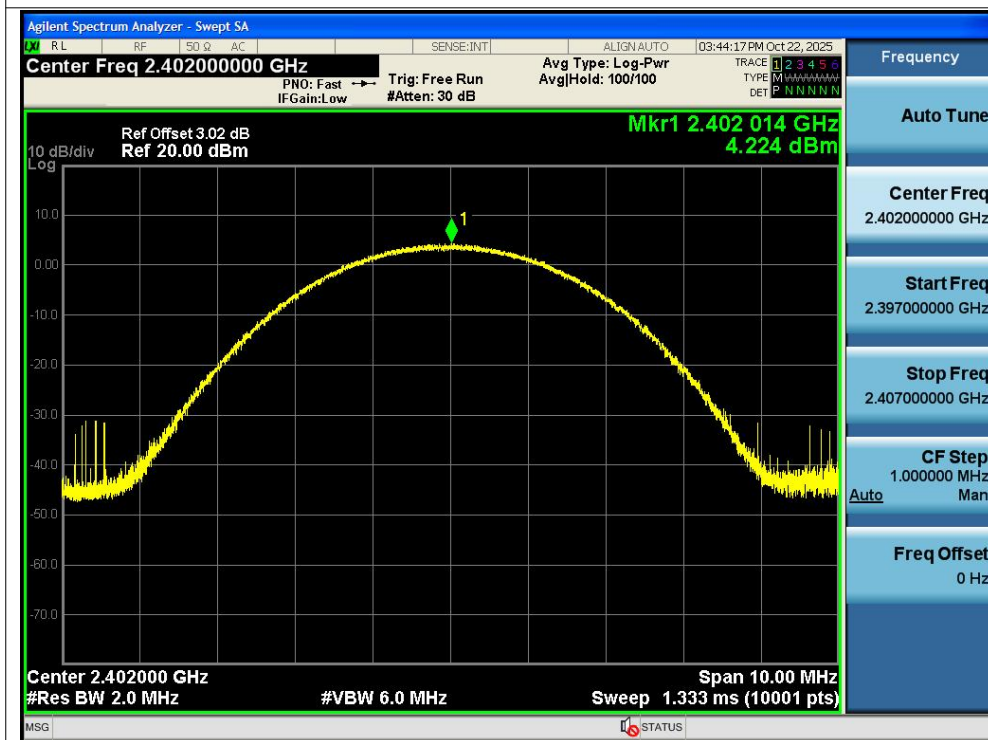
Power NVNT 2-DH5 2441MHz Ant1



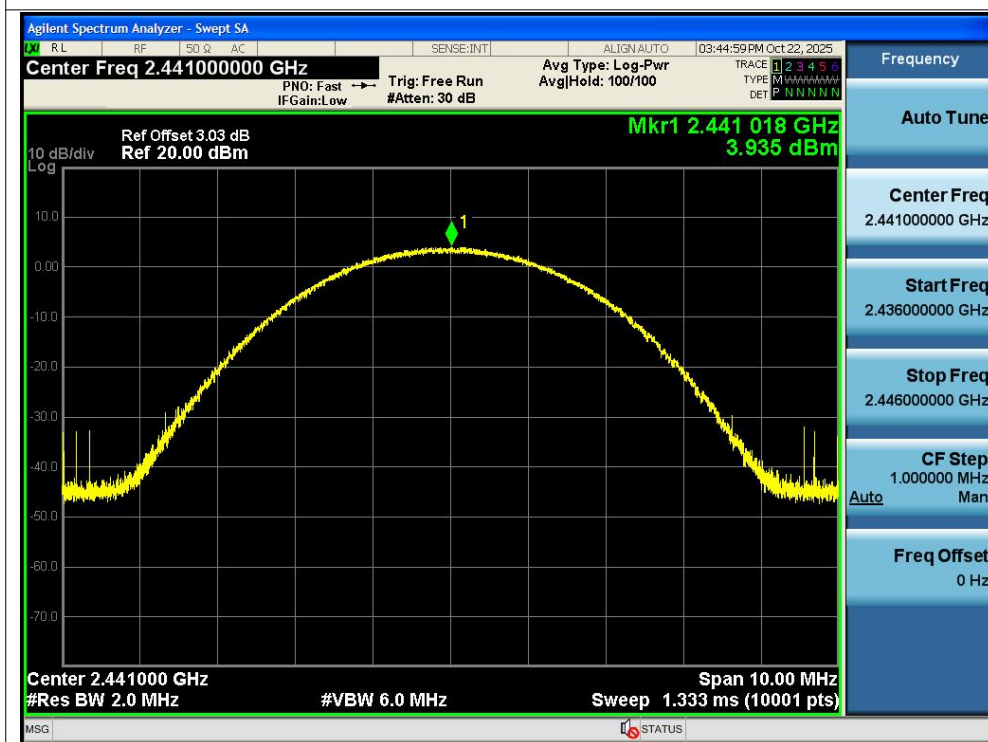
Power NVNT 2-DH5 2480MHz Ant1

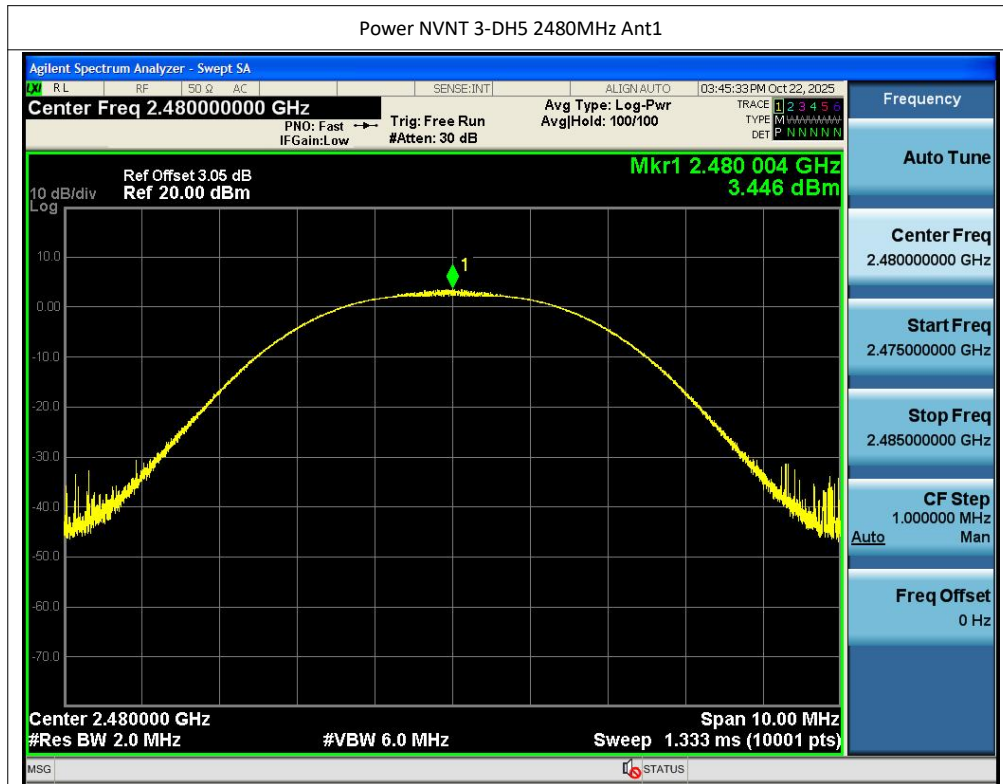


Power NVNT 3-DH5 2402MHz Ant1



Power NVNT 3-DH5 2441MHz Ant1





-20dB Bandwidth

Condition	Mode	Frequency (MHz)	Antenna	-20 dB Bandwidth (MHz)	Limit -20 dB Bandwidth (MHz)	Verdict
NVNT	1-DH5	2402	Ant1	0.9455	0	Pass
NVNT	1-DH5	2441	Ant1	0.989	0	Pass
NVNT	1-DH5	2480	Ant1	0.7597	0	Pass
NVNT	2-DH5	2402	Ant1	1.248	0	Pass
NVNT	2-DH5	2441	Ant1	1.255	0	Pass
NVNT	2-DH5	2480	Ant1	1.273	0	Pass
NVNT	3-DH5	2402	Ant1	1.311	0	Pass
NVNT	3-DH5	2441	Ant1	1.275	0	Pass
NVNT	3-DH5	2480	Ant1	1.258	0	Pass

Test Graphs

-20dB Bandwidth NVNT 1-DH5 2402MHz Ant1



-20dB Bandwidth NVNT 1-DH5 2441MHz Ant1



-20dB Bandwidth NVNT 1-DH5 2480MHz Ant1



-20dB Bandwidth NVNT 2-DH5 2402MHz Ant1



-20dB Bandwidth NVNT 2-DH5 2441MHz Ant1



-20dB Bandwidth NVNT 2-DH5 2480MHz Ant1



-20dB Bandwidth NVNT 3-DH5 2402MHz Ant1



-20dB Bandwidth NVNT 3-DH5 2441MHz Ant1





Occupied Channel Bandwidth

Condition	Mode	Frequency (MHz)	Antenna	99% OBW (MHz)
NVNT	1-DH5	2402	Ant1	0.8611
NVNT	1-DH5	2441	Ant1	0.86191
NVNT	1-DH5	2480	Ant1	0.75283
NVNT	2-DH5	2402	Ant1	1.1825
NVNT	2-DH5	2441	Ant1	1.1764
NVNT	2-DH5	2480	Ant1	1.1619
NVNT	3-DH5	2402	Ant1	1.1501
NVNT	3-DH5	2441	Ant1	1.1709
NVNT	3-DH5	2480	Ant1	1.1669

Test Graphs

OBW NVNT 1-DH5 2402MHz Ant1



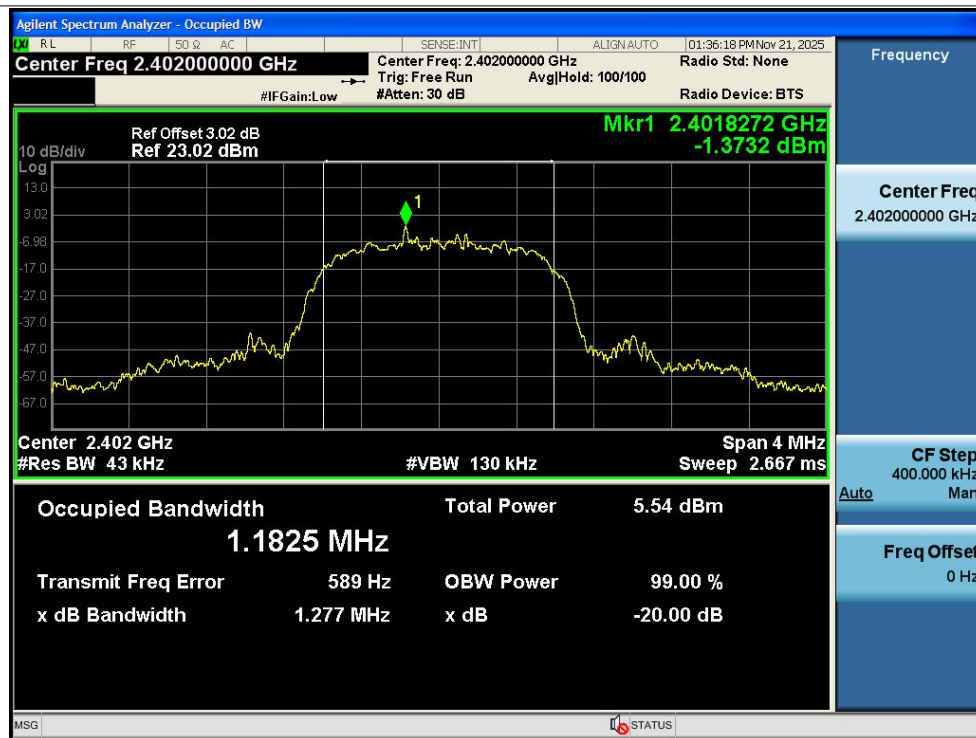
OBW NVNT 1-DH5 2441MHz Ant1



OBW NVNT 1-DH5 2480MHz Ant1



OBW NVNT 2-DH5 2402MHz Ant1



OBW NVNT 2-DH5 2441MHz Ant1



OBW NVNT 2-DH5 2480MHz Ant1

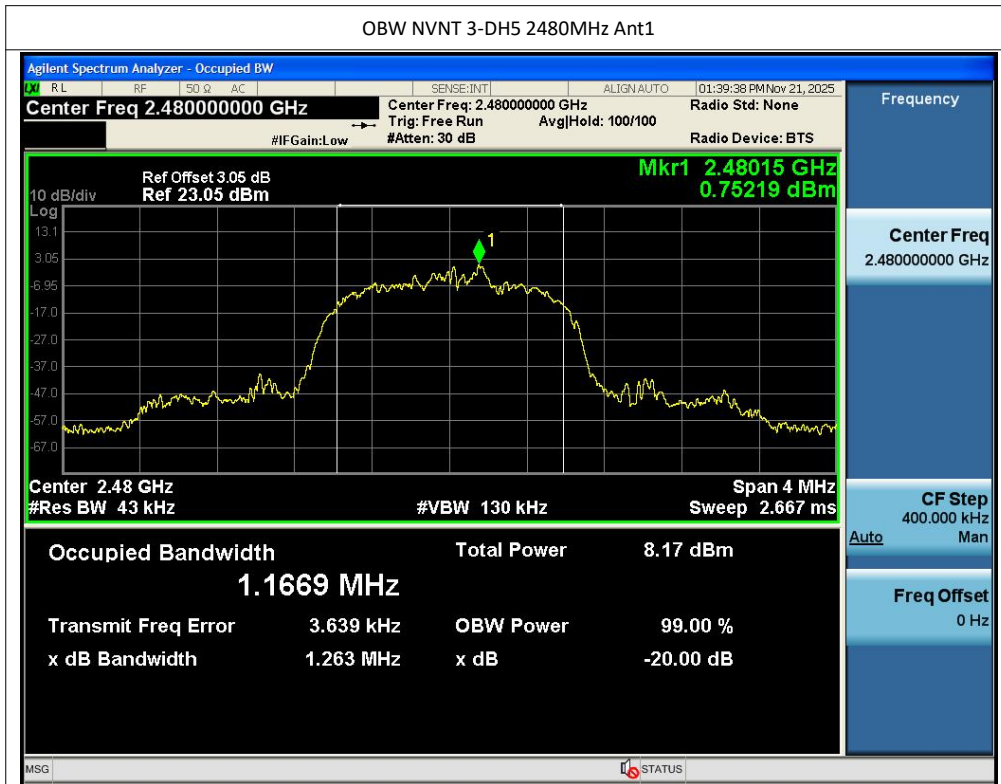


OBW NVNT 3-DH5 2402MHz Ant1



OBW NVNT 3-DH5 2441MHz Ant1





Carrier Frequencies Separation

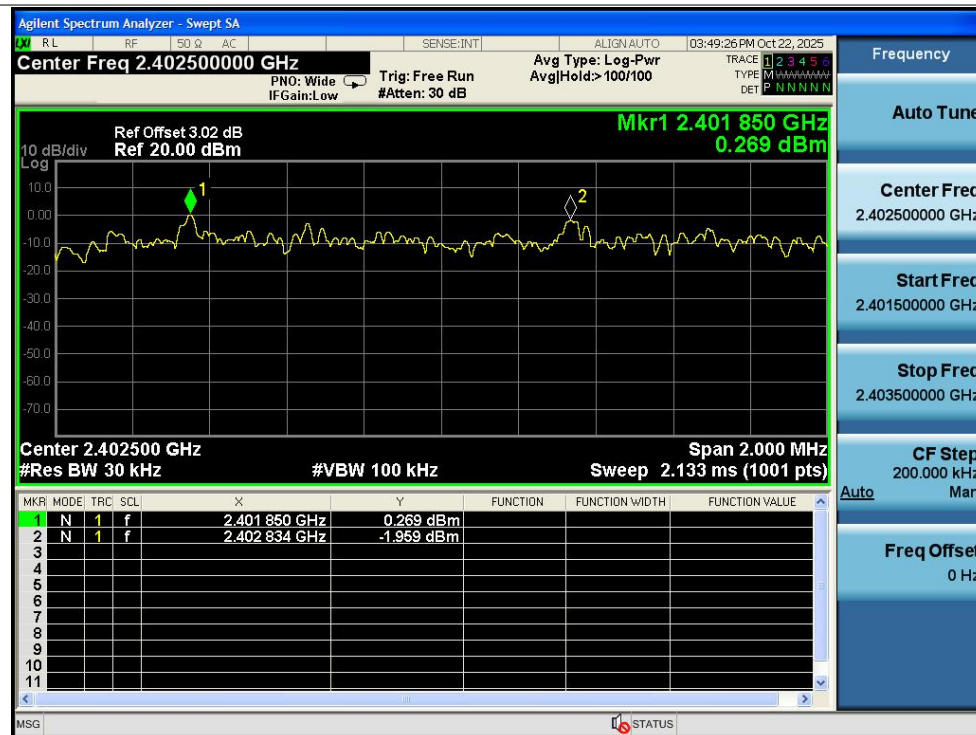
Condition	Mode	Antenna	Hopping Freq1 (MHz)	Hopping Freq2 (MHz)	HFS (MHz)	Limit (MHz)	Verdict
NVNT	1-DH5	Ant1	2401.898	2402.986	1.088	0.63	Pass
NVNT	2-DH5	Ant1	2401.85	2402.834	0.984	0.852	Pass
NVNT	3-DH5	Ant1	2401.98	2402.842	0.862	0.837	Pass

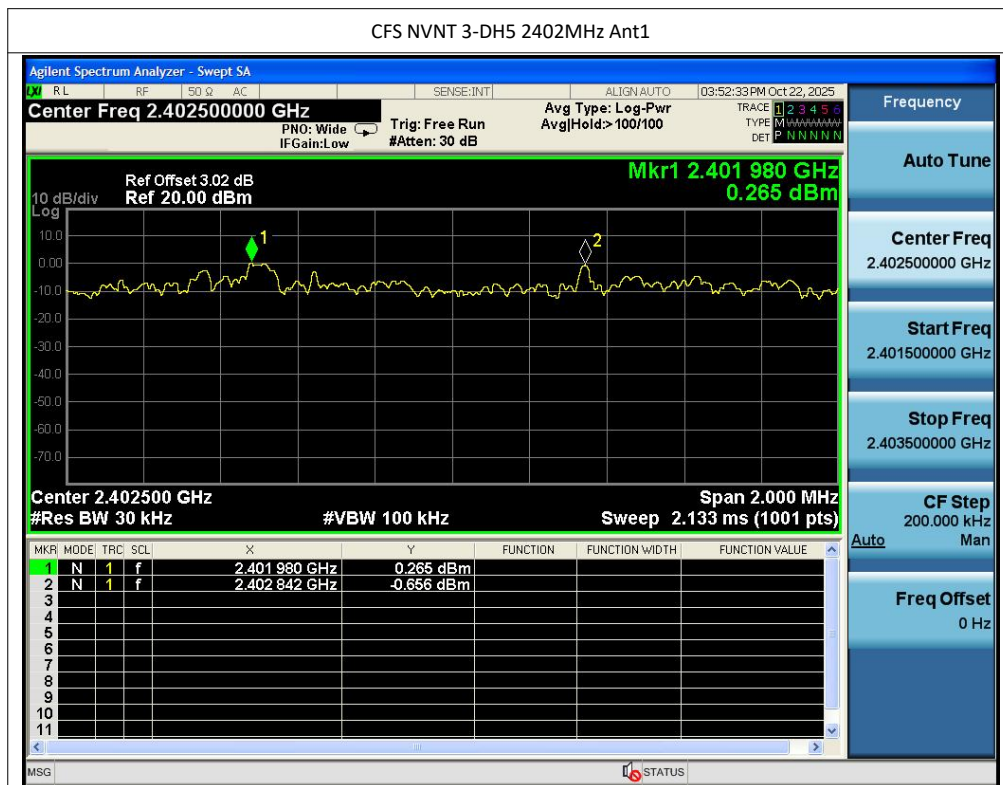
Test Graphs

CFS NVNT 1-DH5 2402MHz Ant1



CFS NVNT 2-DH5 2402MHz Ant1



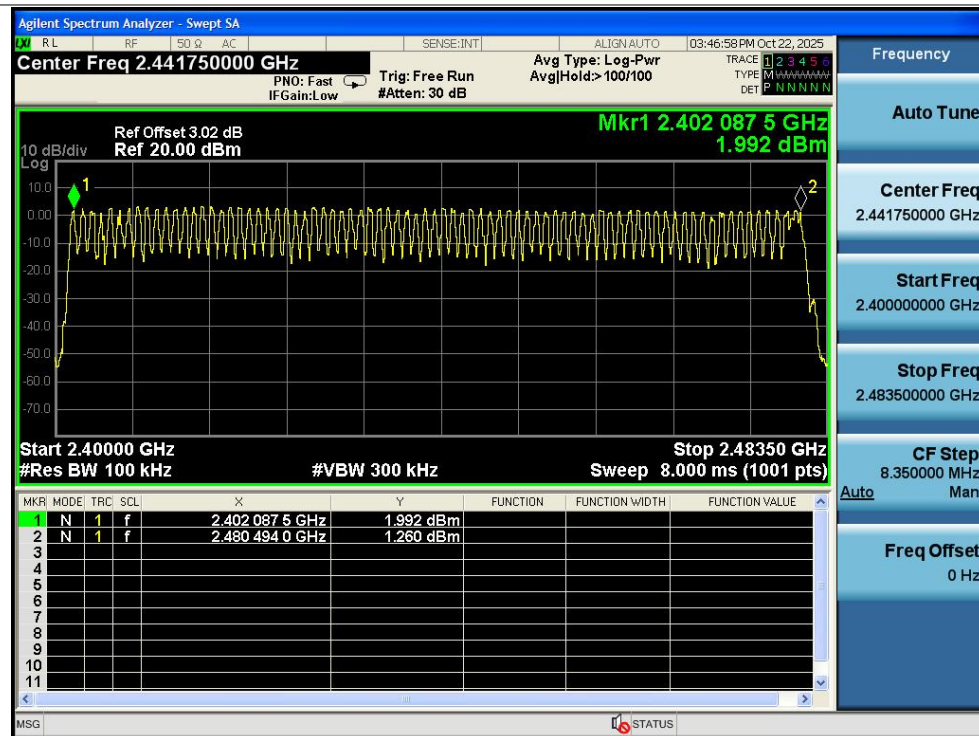


Number of Hopping Channel

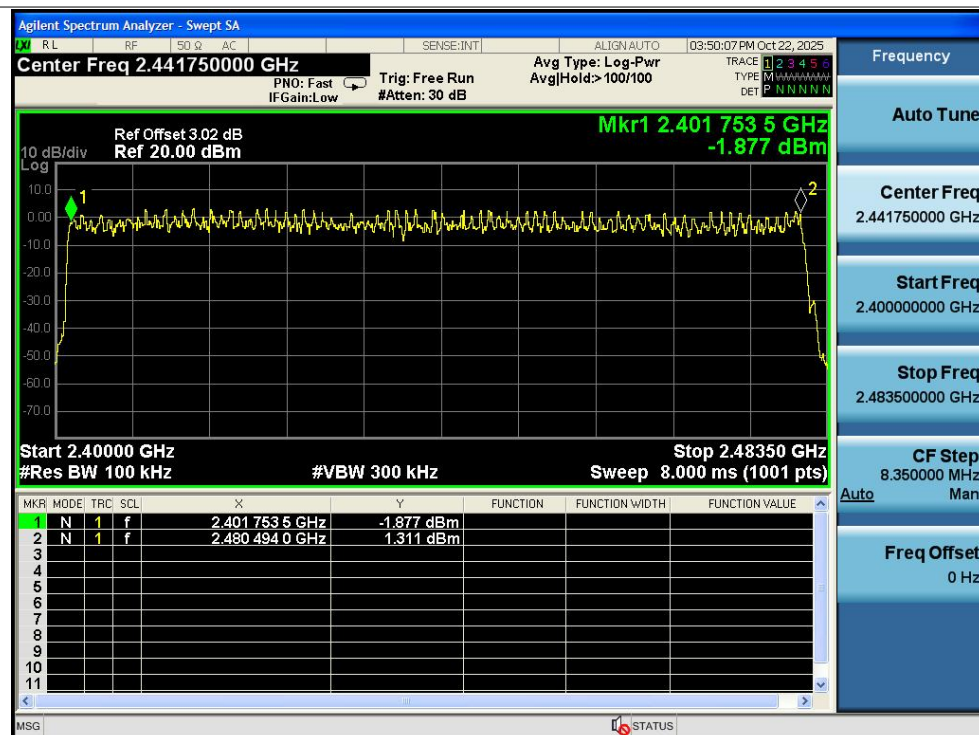
Condition	Mode	Antenna	Hopping Number	Limit	Verdict
NVNT	1-DH5	Ant1	79	15	Pass
NVNT	2-DH5	Ant1	79	15	Pass
NVNT	3-DH5	Ant1	79	15	Pass

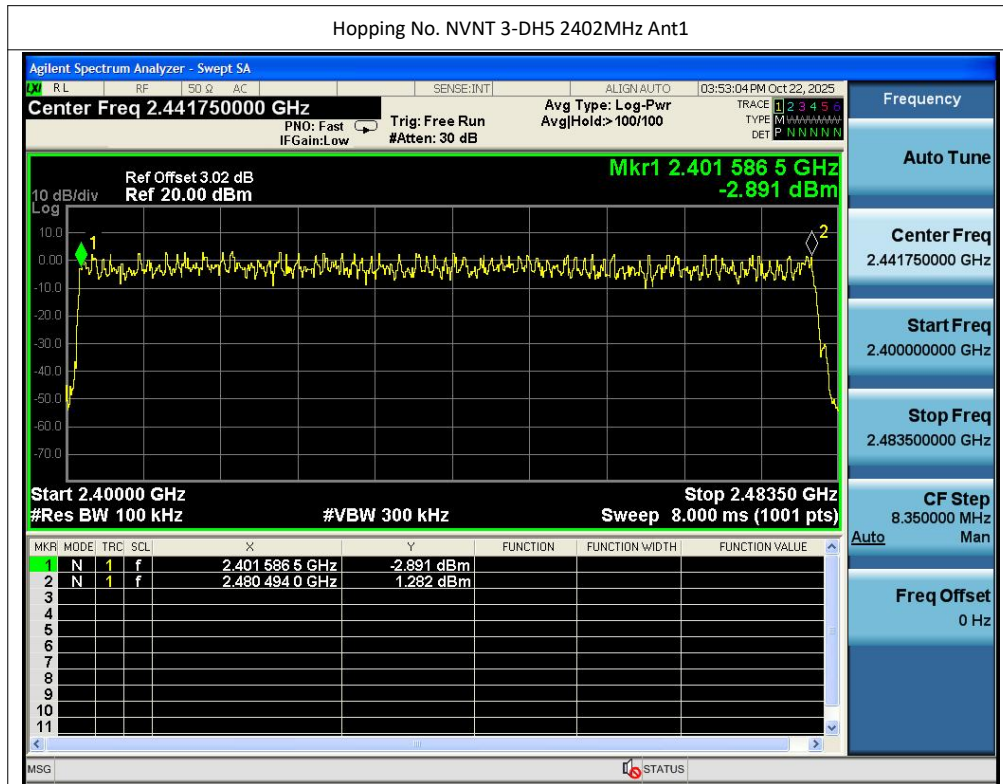
Test Graphs

Hopping No. NVNT 1-DH5 2402MHz Ant1



Hopping No. NVNT 2-DH5 2402MHz Ant1



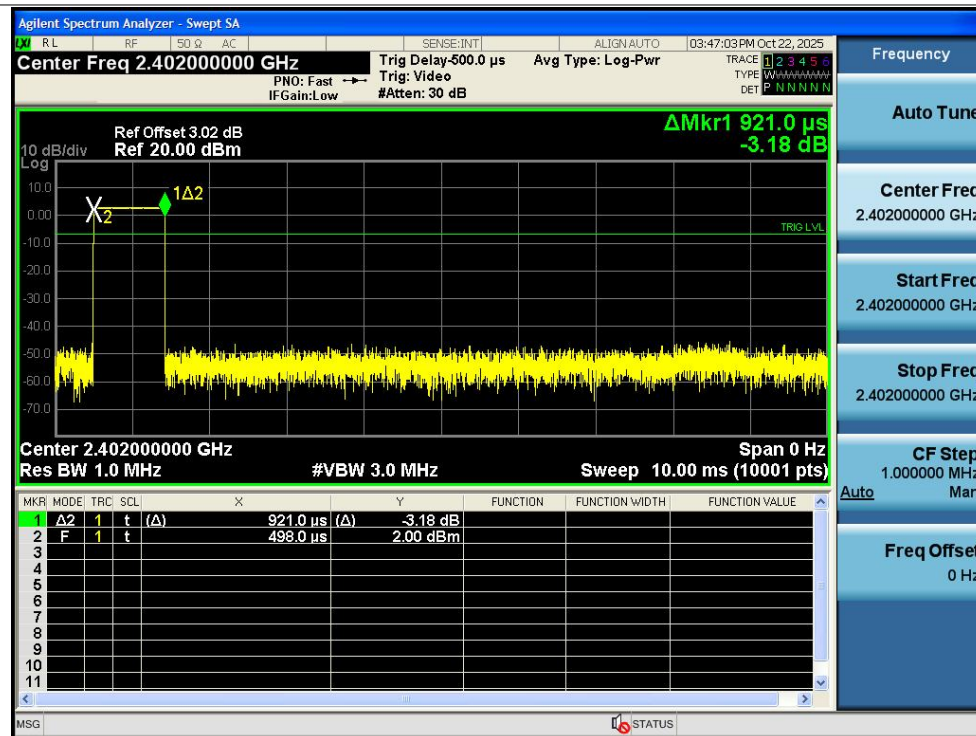


Dwell Time

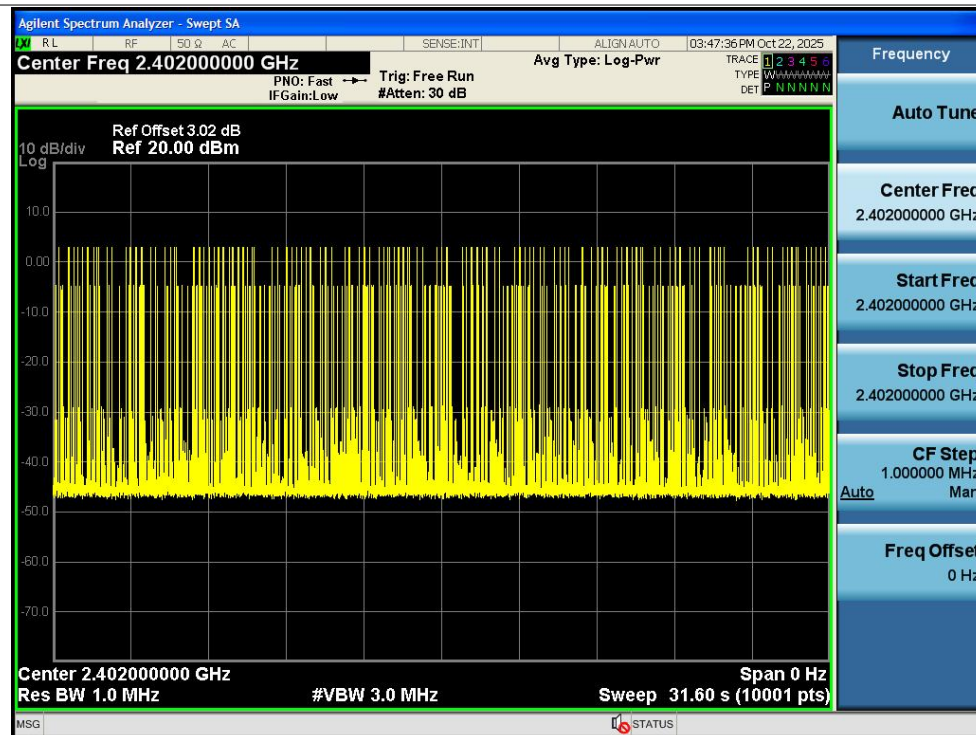
Condition	Mode	Frequency (MHz)	Antenna	Pulse Time (ms)	Total Dwell Time (ms)	Burst Count	Period Time (ms)	Limit (ms)	Verdict
NVNT	1-DH5	2402	Ant1	0.921	140.913	153	31600	400	Pass
NVNT	2-DH5	2402	Ant1	0.921	152.886	166	31600	400	Pass
NVNT	3-DH5	2402	Ant1	0.92	147.2	160	31600	400	Pass

Test Graphs

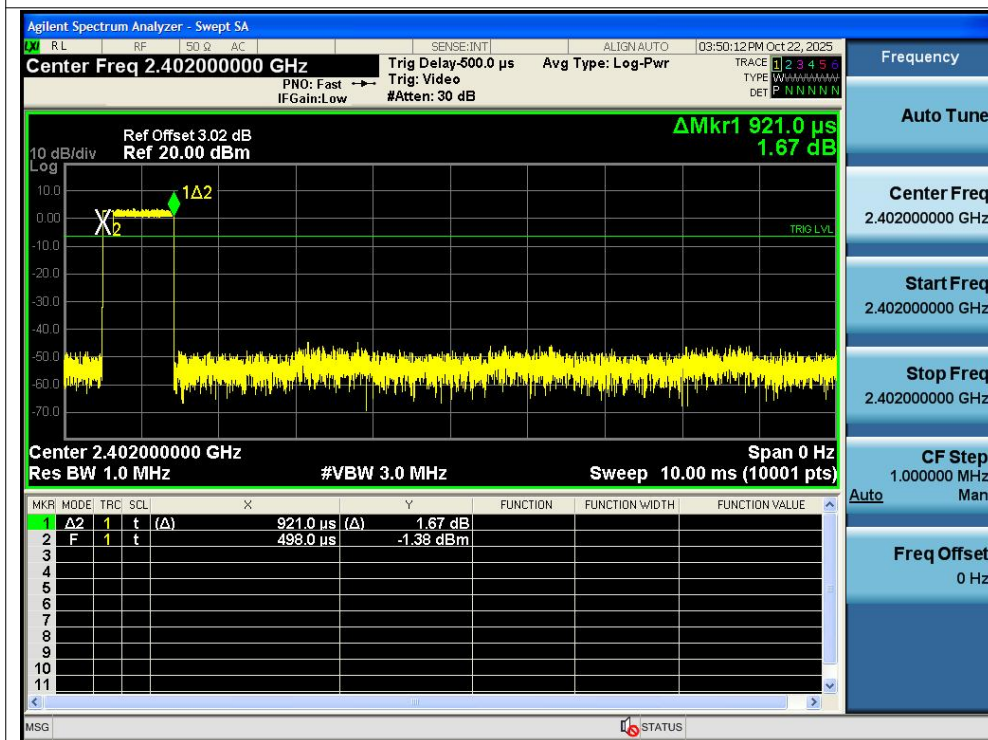
Dwell NVNT 1-DH5 2402MHz Ant1 One Burst



Dwell NVNT 1-DH5 2402MHz Ant1 Accumulated



Dwell NVNT 2-DH5 2402MHz Ant1 One Burst



Dwell NVNT 2-DH5 2402MHz Ant1 Accumulated

