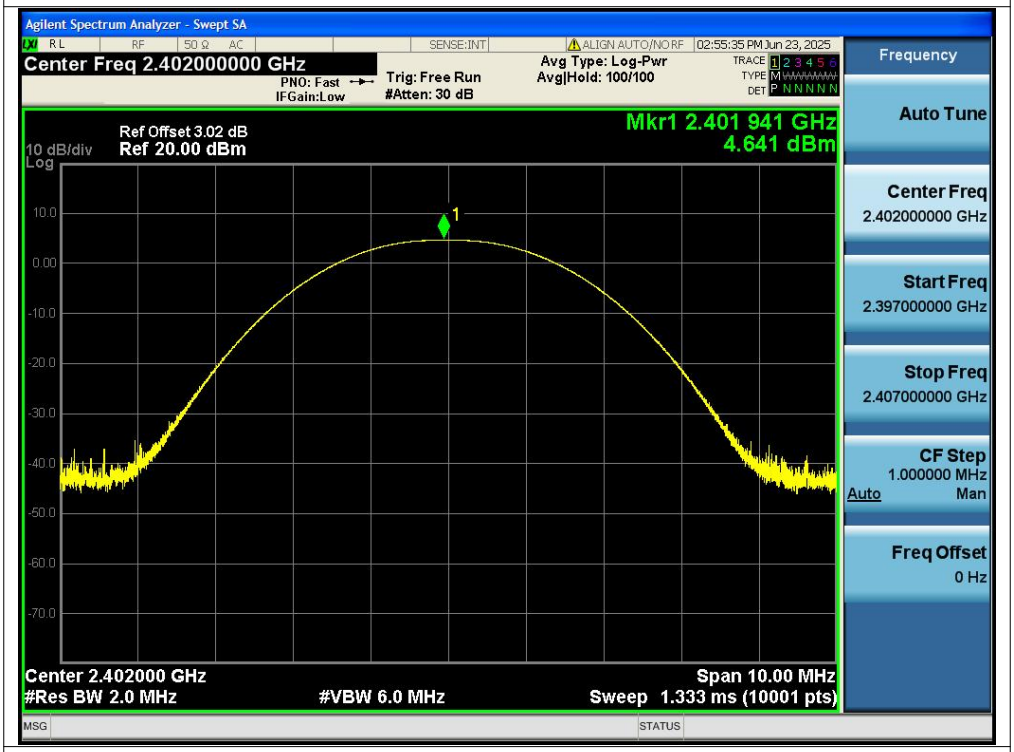
Appendix B BR

Maximum Conducted Output Power

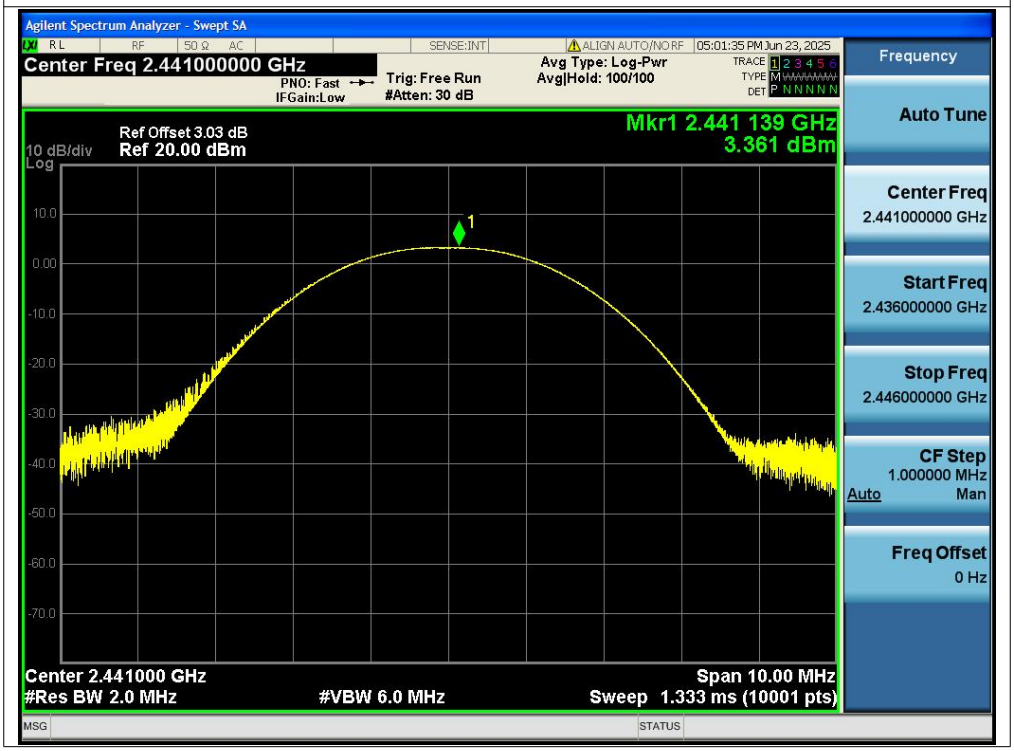
Condition	Mode	Frequency (MHz)	Antenna	Conducted Power (dBm)	Total Power (dBm)	Limit (dBm)	Verdict
NVNT	1-DH5	2402	Ant1	4.64	4.64	21	Pass
NVNT	1-DH5	2441	Ant1	3.36	3.36	21	Pass
NVNT	1-DH5	2480	Ant1	3.07	3.07	21	Pass
NVNT	2-DH5	2402	Ant1	3.82	3.82	21	Pass
NVNT	2-DH5	2441	Ant1	5.53	5.53	21	Pass
NVNT	2-DH5	2480	Ant1	2.34	2.34	21	Pass
NVNT	3-DH5	2402	Ant1	4.35	4.35	21	Pass
NVNT	3-DH5	2441	Ant1	6.07	6.07	21	Pass
NVNT	3-DH5	2480	Ant1	2.91	2.91	21	Pass

Test Graphs

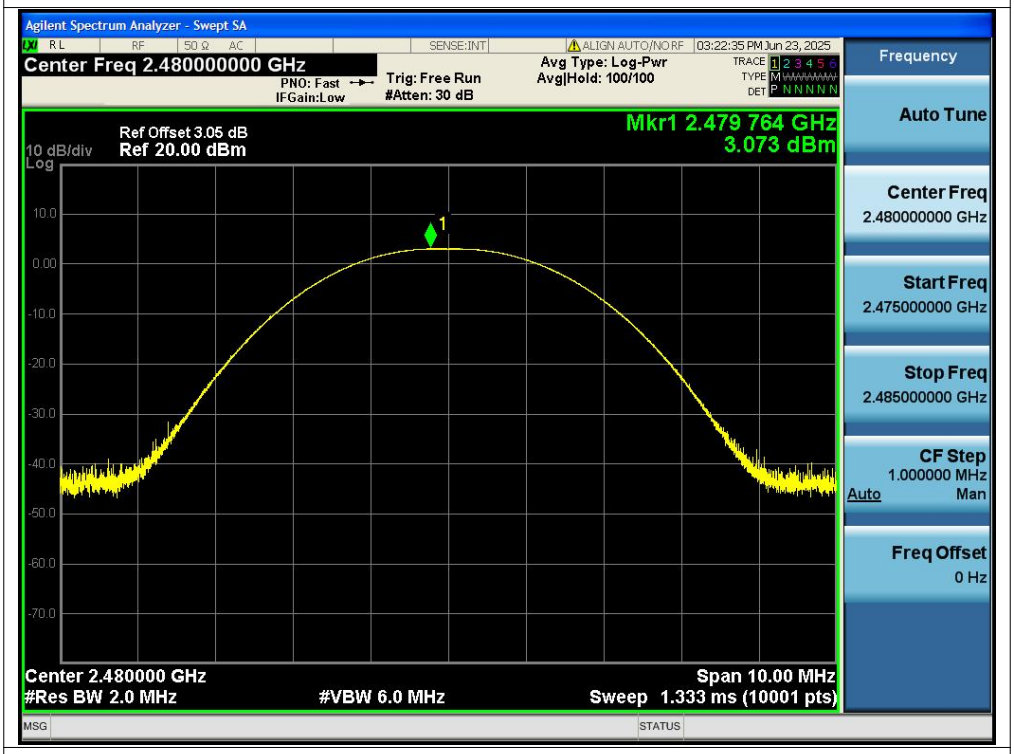
Power NVNT 1-DH5 2402MHz Ant1



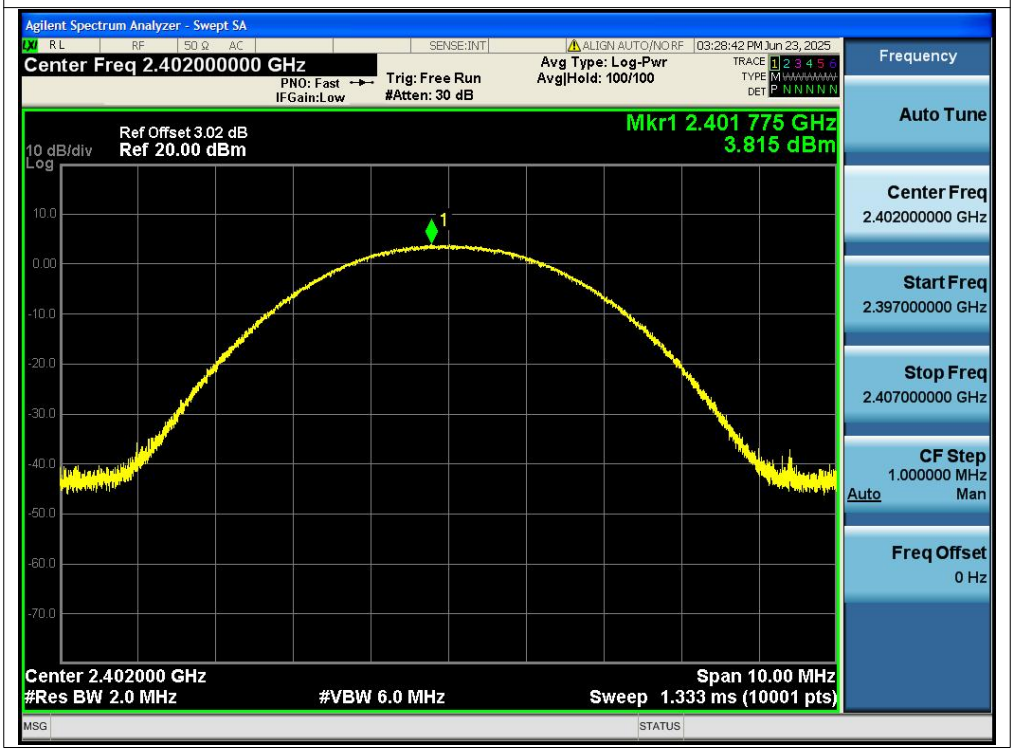
Power NVNT 1-DH5 2441MHz Ant1



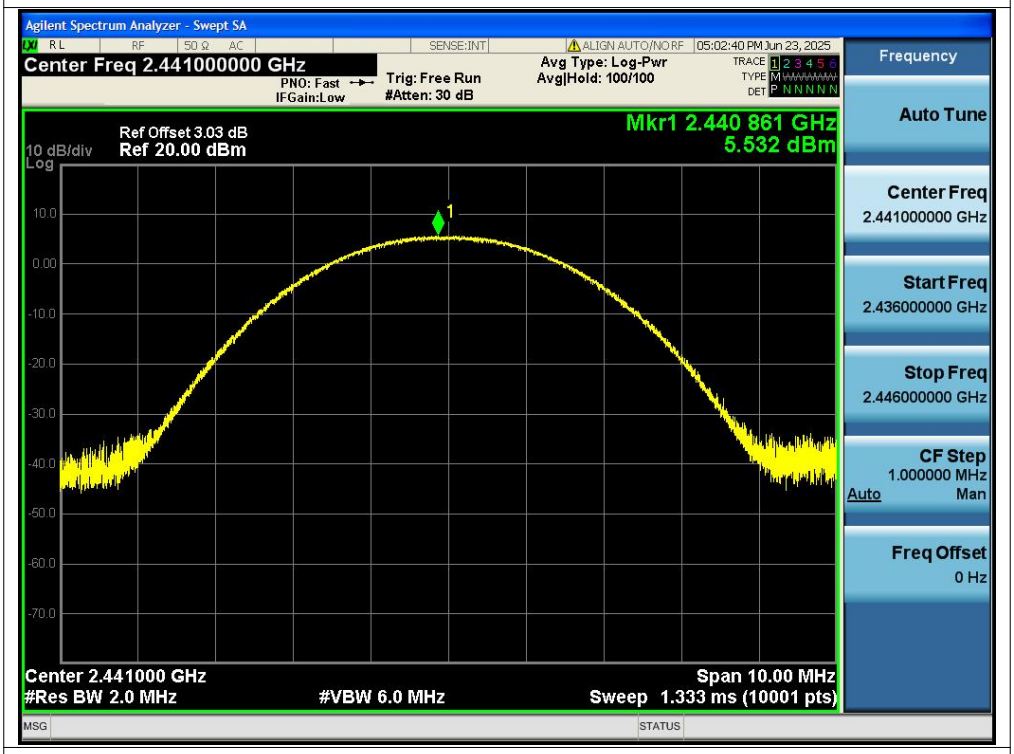
Power NVNT 1-DH5 2480MHz Ant1



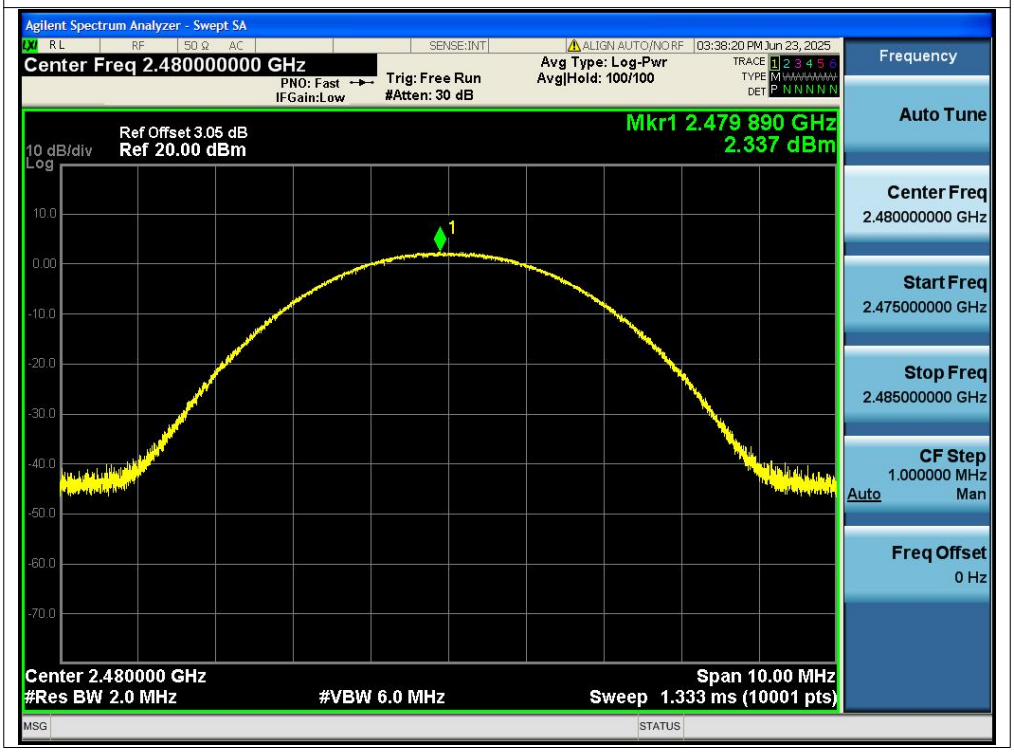
Power NVNT 2-DH5 2402MHz Ant1



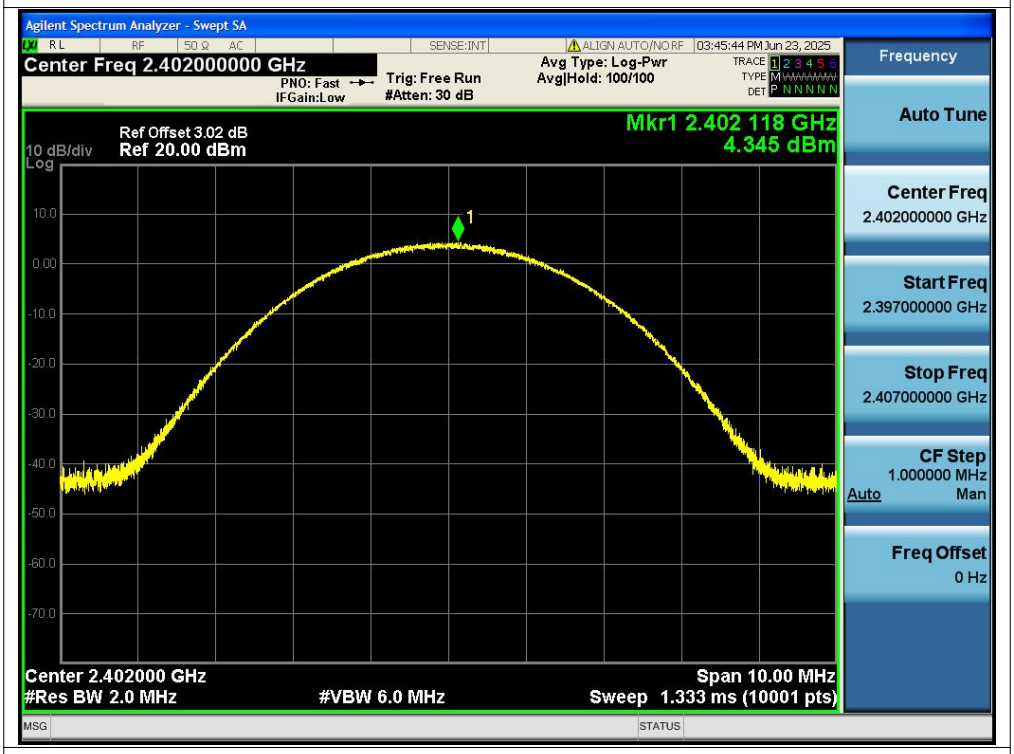
Power NVNT 2-DH5 2441MHz Ant1



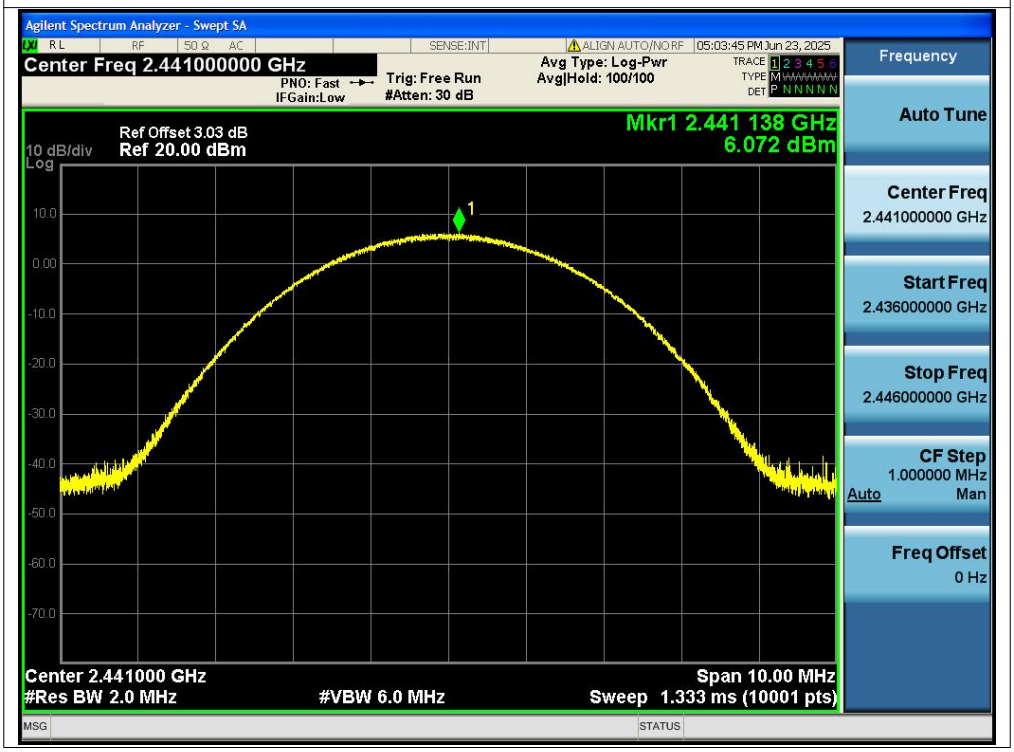
Power NVNT 2-DH5 2480MHz Ant1



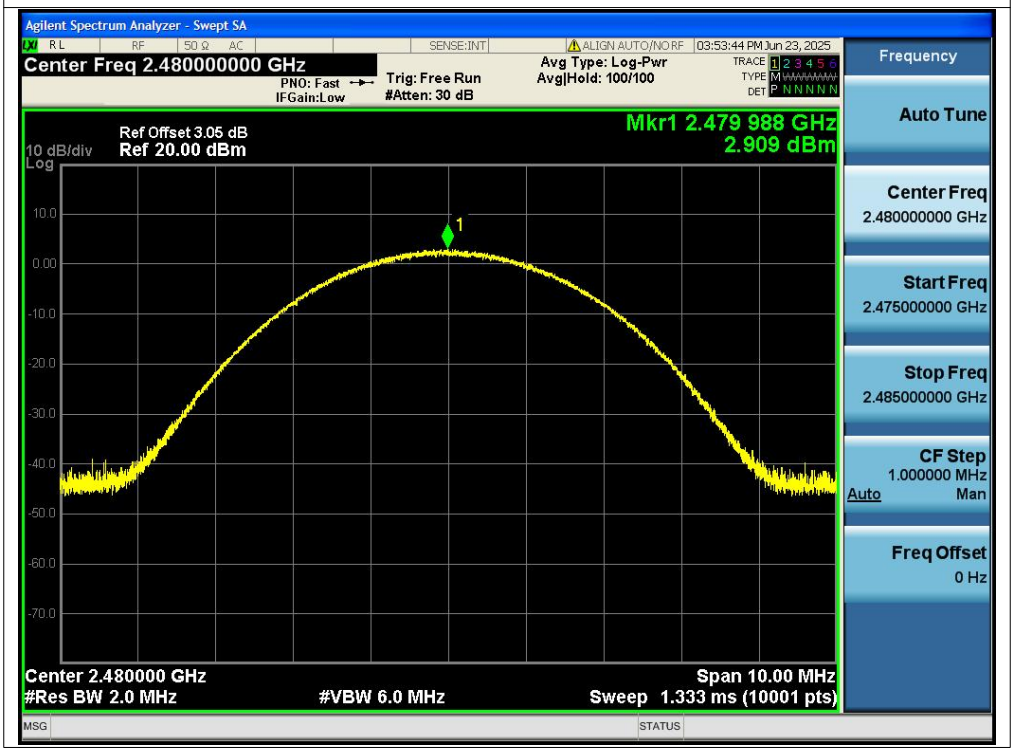
Power NVNT 3-DH5 2402MHz Ant1



Power NVNT 3-DH5 2441MHz Ant1



Power NVNT 3-DH5 2480MHz Ant1

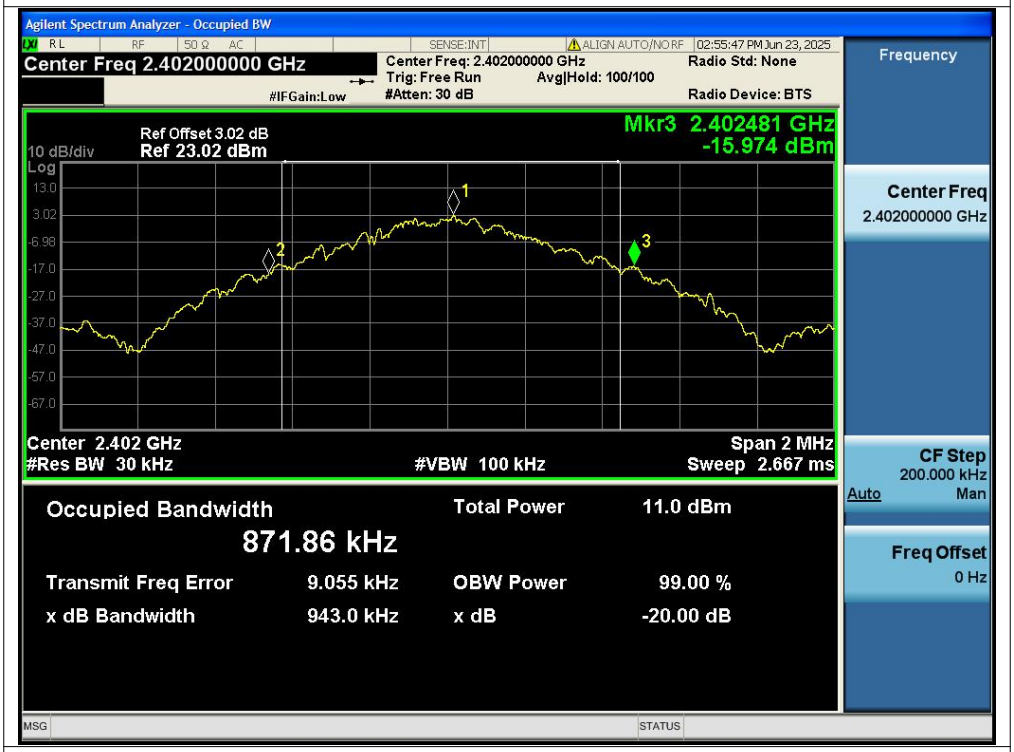


-20dB Bandwidth

Condition	Mode	Frequency (MHz)	Antenna	-20 dB Bandwidth (MHz)	Verdict
NVNT	1-DH5	2402	Ant1	0.943	Pass
NVNT	1-DH5	2441	Ant1	0.948	Pass
NVNT	1-DH5	2480	Ant1	0.956	Pass
NVNT	2-DH5	2402	Ant1	1.316	Pass
NVNT	2-DH5	2441	Ant1	1.322	Pass
NVNT	2-DH5	2480	Ant1	1.328	Pass
NVNT	3-DH5	2402	Ant1	1.297	Pass
NVNT	3-DH5	2441	Ant1	1.316	Pass
NVNT	3-DH5	2480	Ant1	1.301	Pass

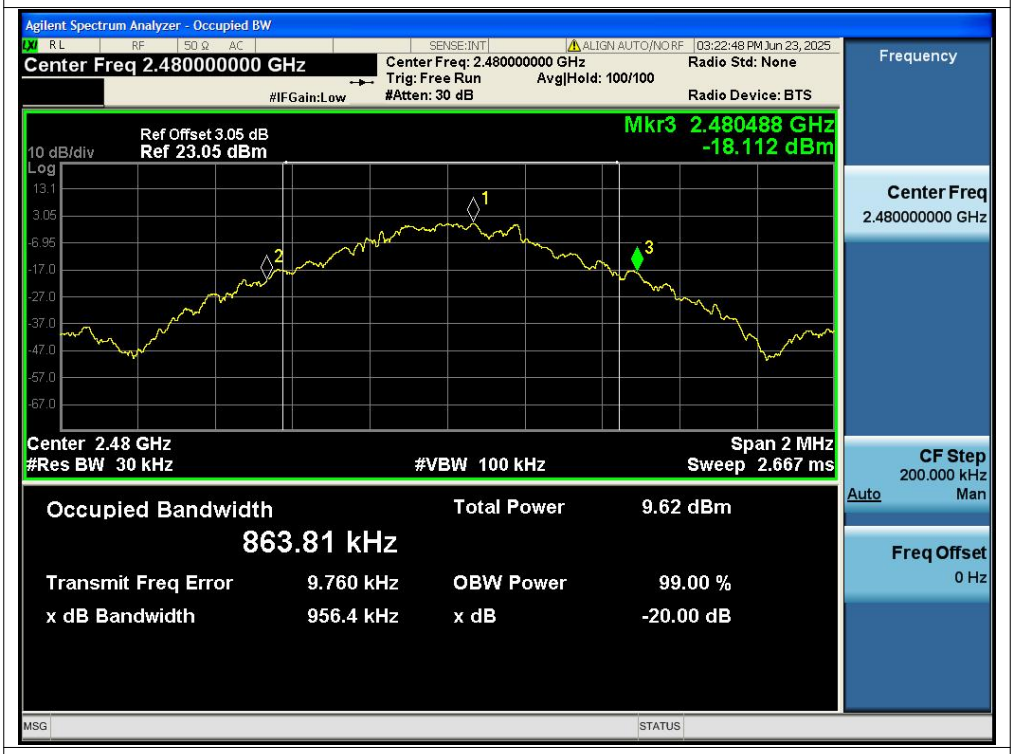
Test Graphs

-20dB Bandwidth NVNT 1-DH5 2402MHz Ant1

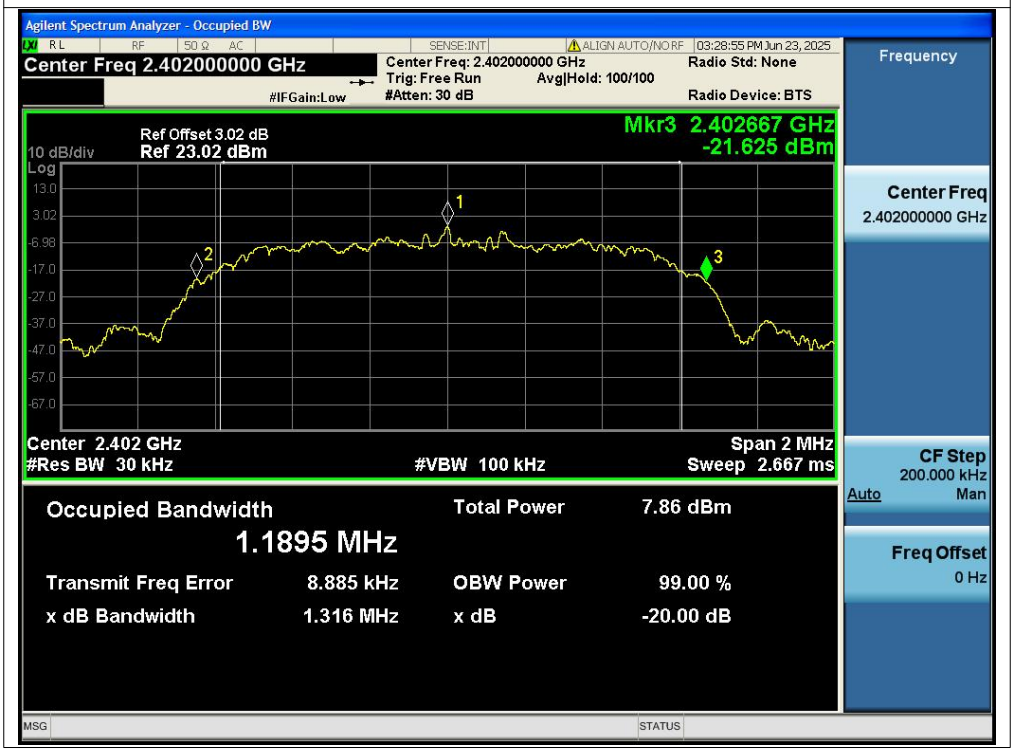


-20dB Bandwidth NVNT 1-DH5 2441MHz Ant1

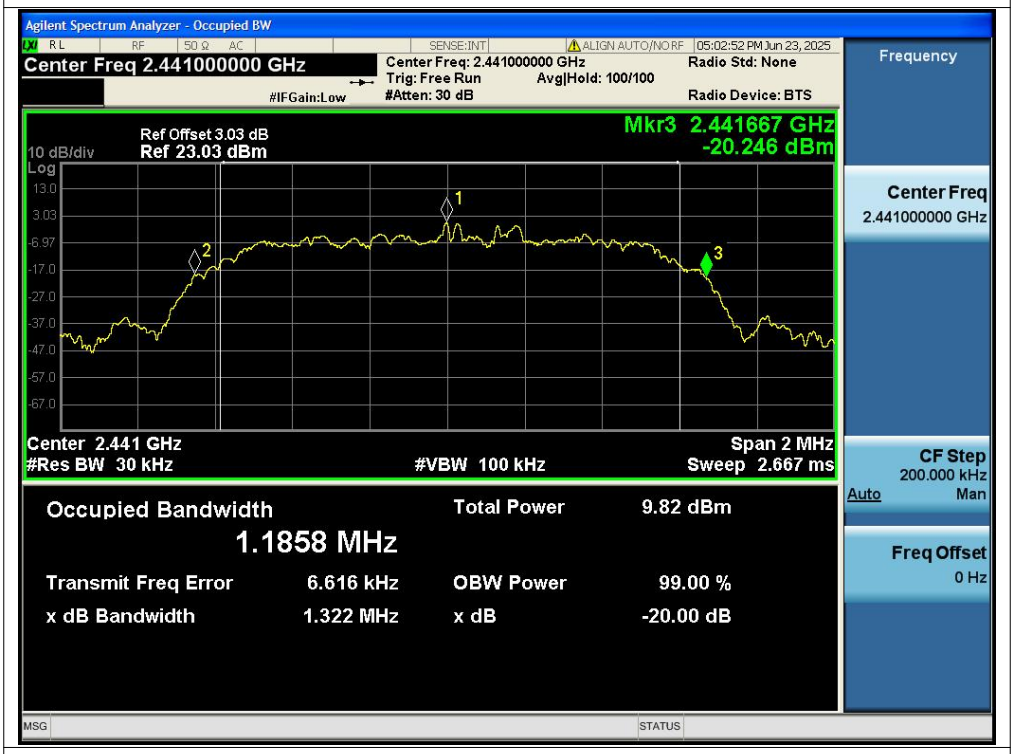
-20dB Bandwidth NVNT 1-DH5 2480MHz Ant1



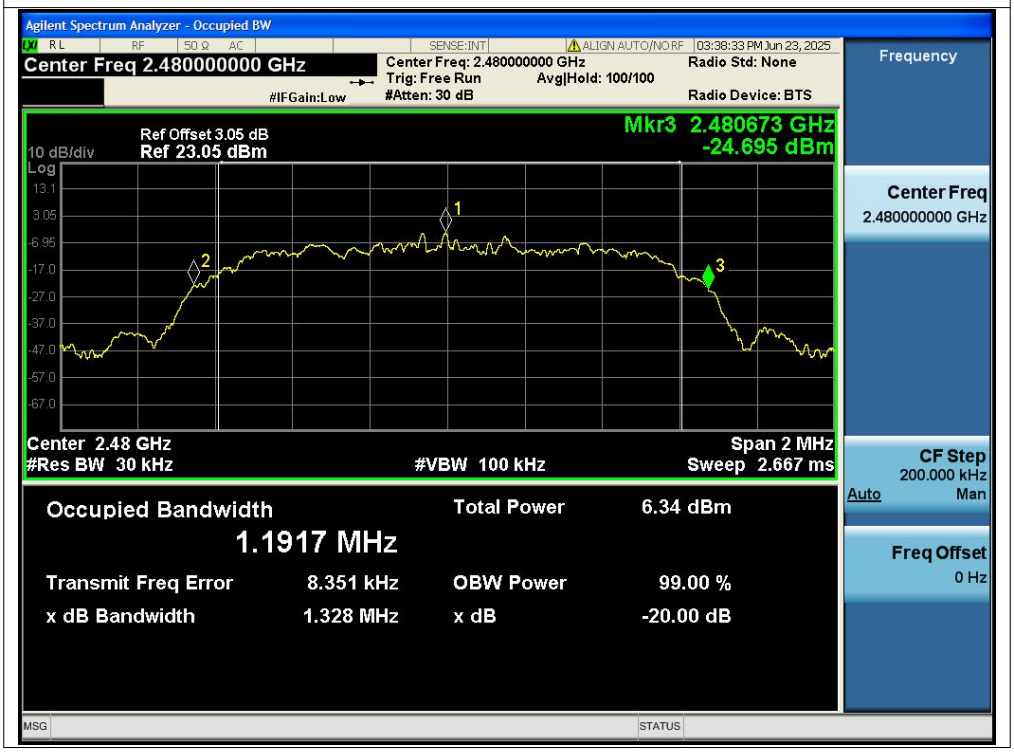
-20dB Bandwidth NVNT 2-DH5 2402MHz Ant1



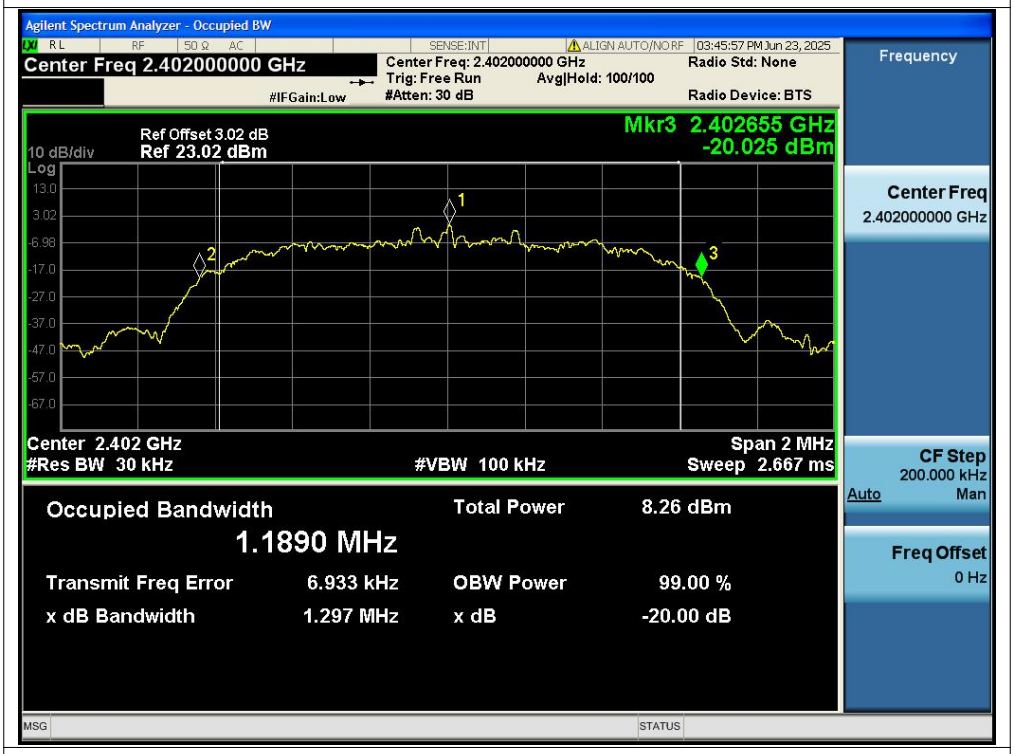
-20dB Bandwidth NVNT 2-DH5 2441MHz Ant1



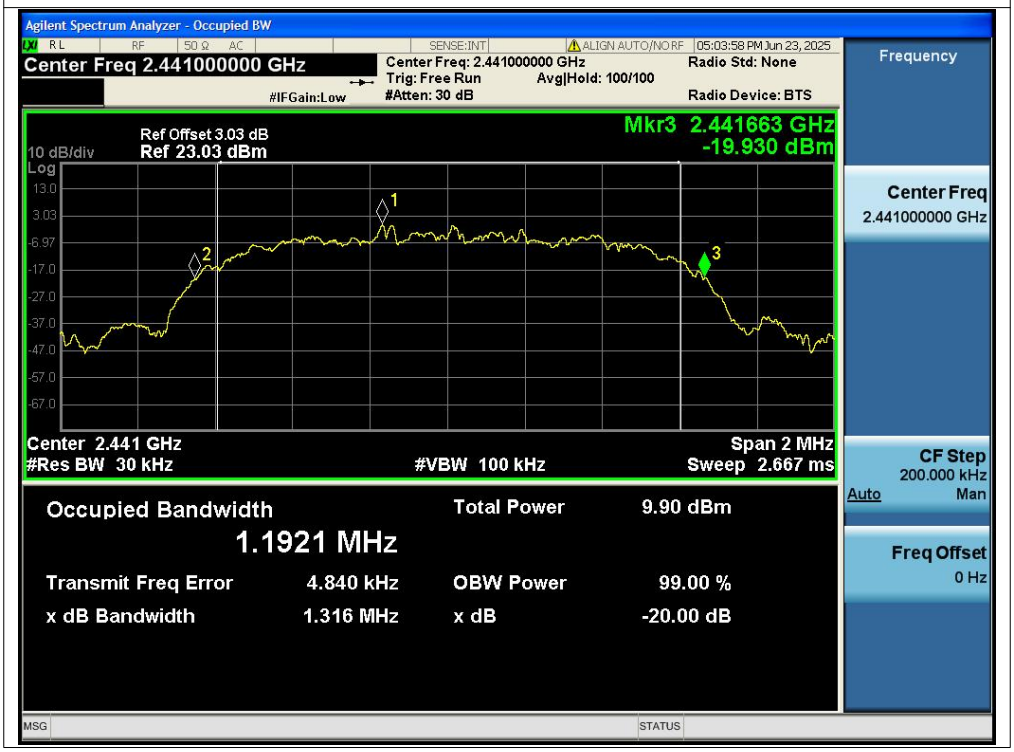
-20dB Bandwidth NVNT 2-DH5 2480MHz Ant1



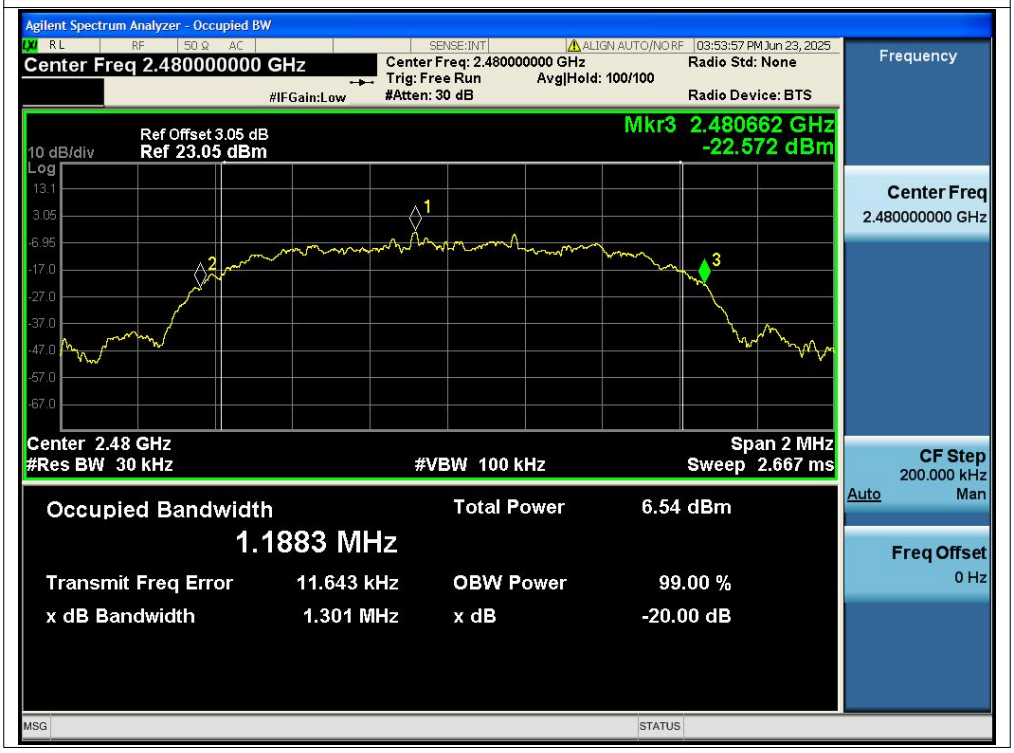
-20dB Bandwidth NVNT 3-DH5 2402MHz Ant1



-20dB Bandwidth NVNT 3-DH5 2441MHz Ant1



-20dB Bandwidth NVNT 3-DH5 2480MHz Ant1

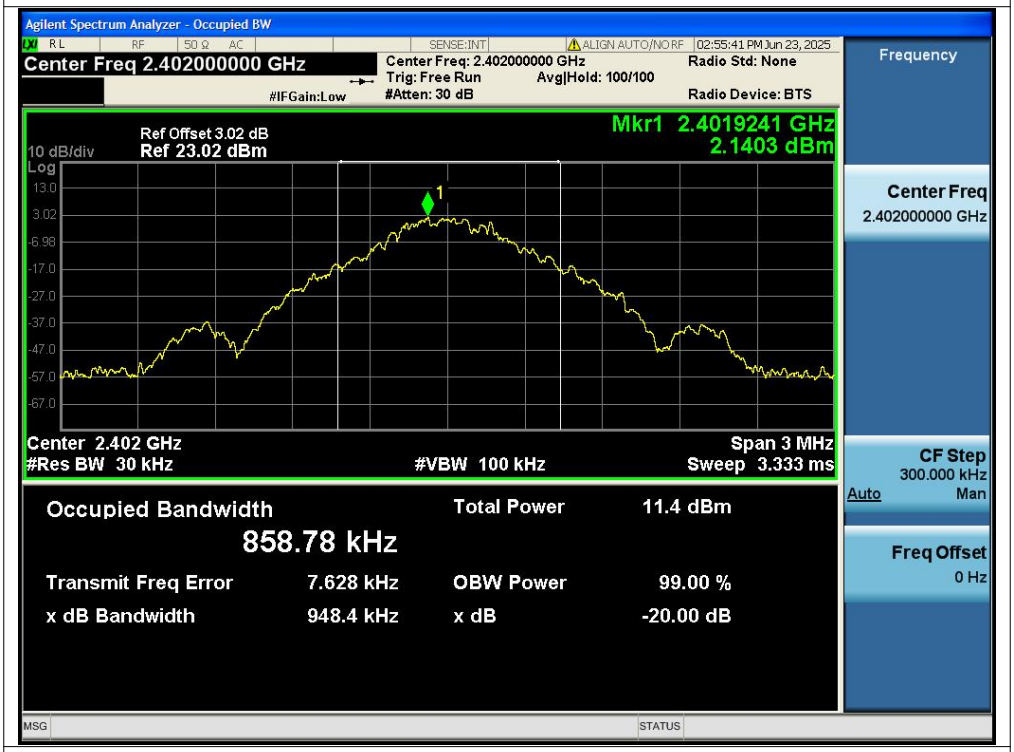


Occupied Channel Bandwidth

Condition	Mode	Frequency (MHz)	Antenna	99% OBW (MHz)
NVNT	1-DH5	2402	Ant1	0.859
NVNT	1-DH5	2441	Ant1	0.867
NVNT	1-DH5	2480	Ant1	0.859
NVNT	2-DH5	2402	Ant1	1.177
NVNT	2-DH5	2441	Ant1	1.186
NVNT	2-DH5	2480	Ant1	1.171
NVNT	3-DH5	2402	Ant1	1.186
NVNT	3-DH5	2441	Ant1	1.178
NVNT	3-DH5	2480	Ant1	1.191

Test Graphs

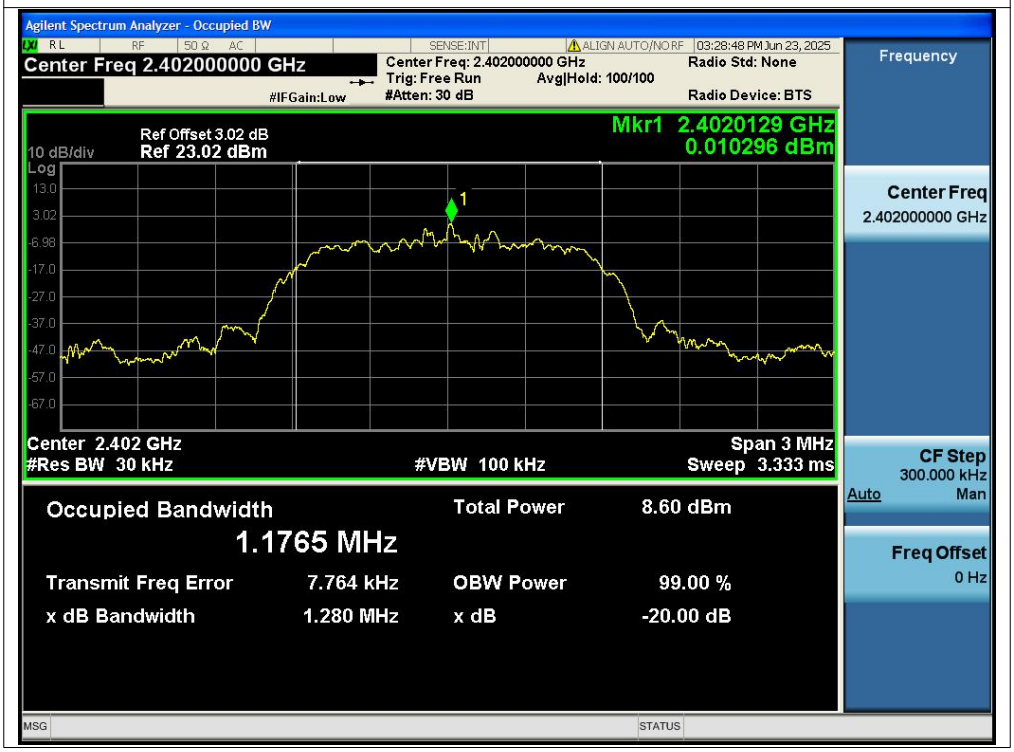
OBW NVNT 1-DH5 2402MHz Ant1



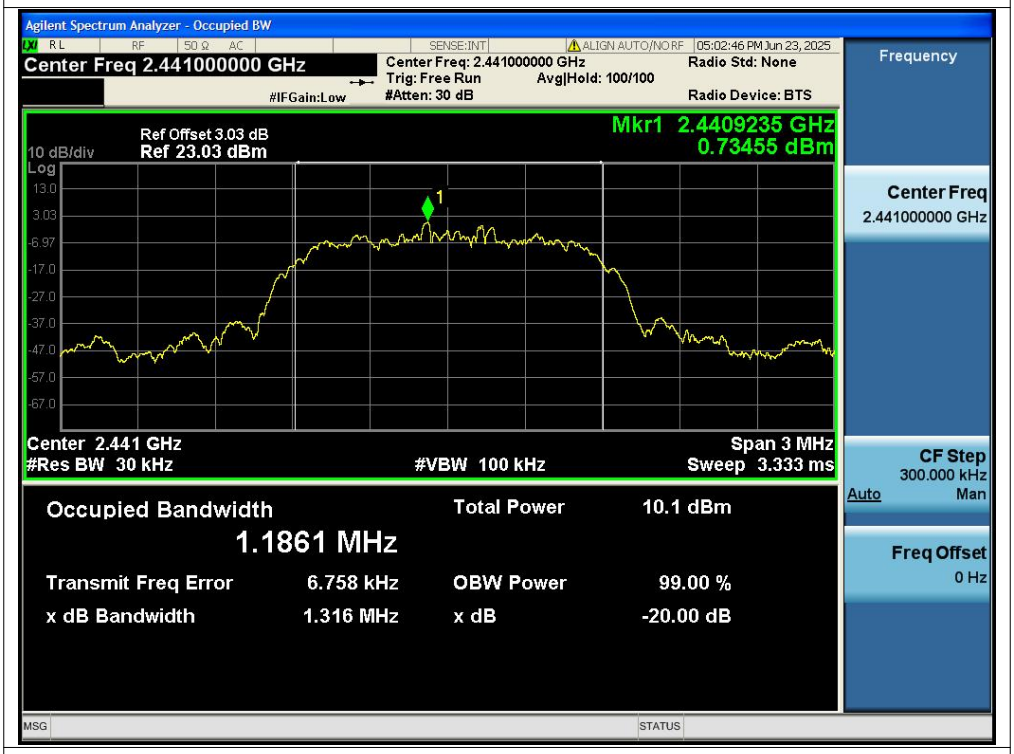
OBW NVNT 1-DH5 2441MHz Ant1

OBW NVNT 1-DH5 2480MHz Ant1

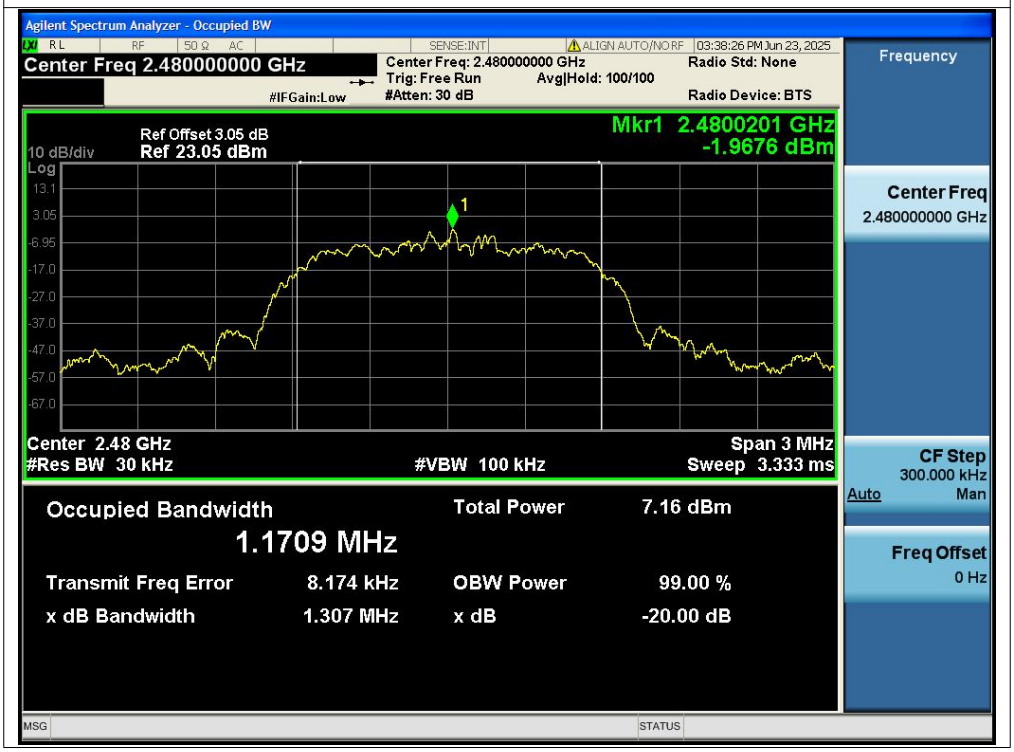
OBW NVNT 2-DH5 2402MHz Ant1



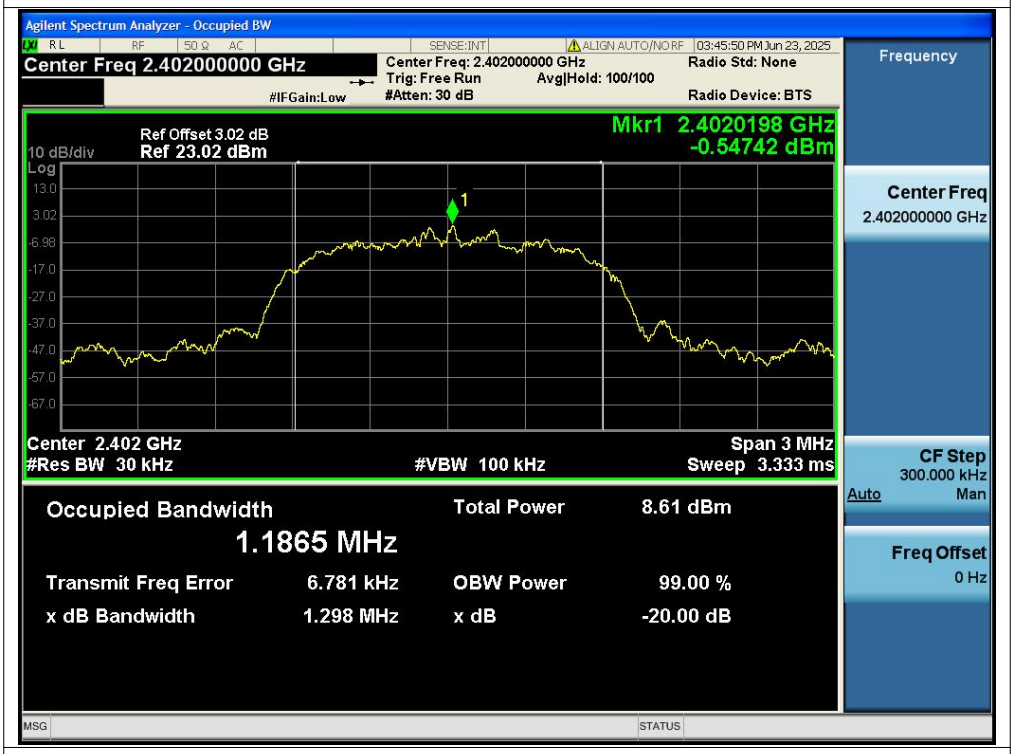
OBW NVNT 2-DH5 2441MHz Ant1



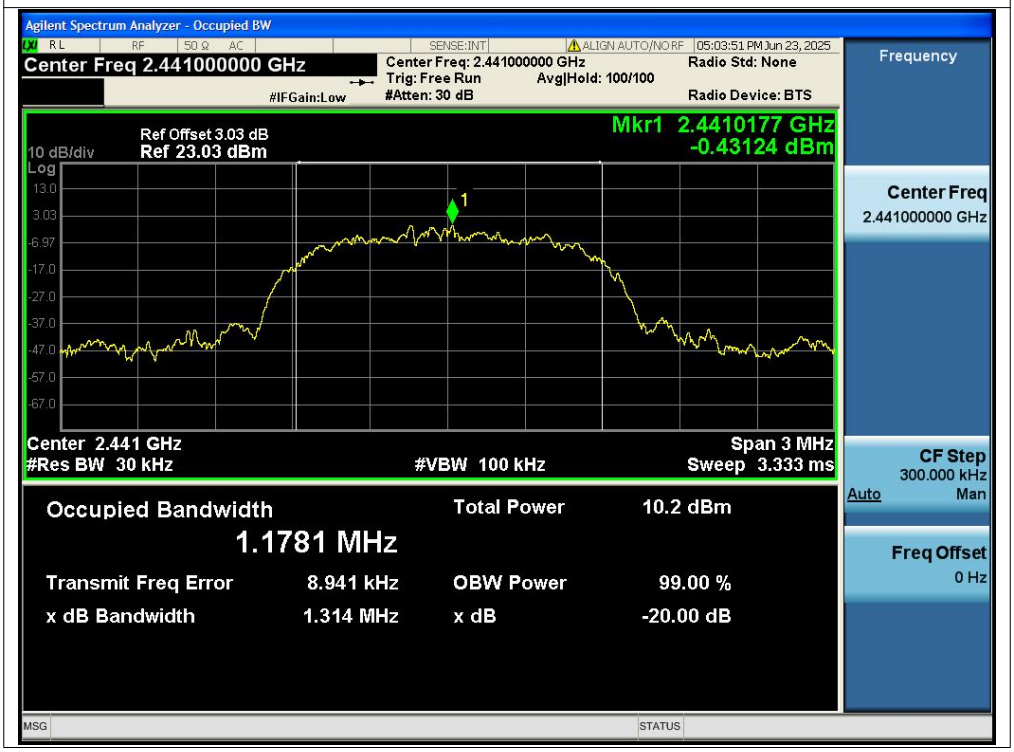
OBW NVNT 2-DH5 2480MHz Ant1



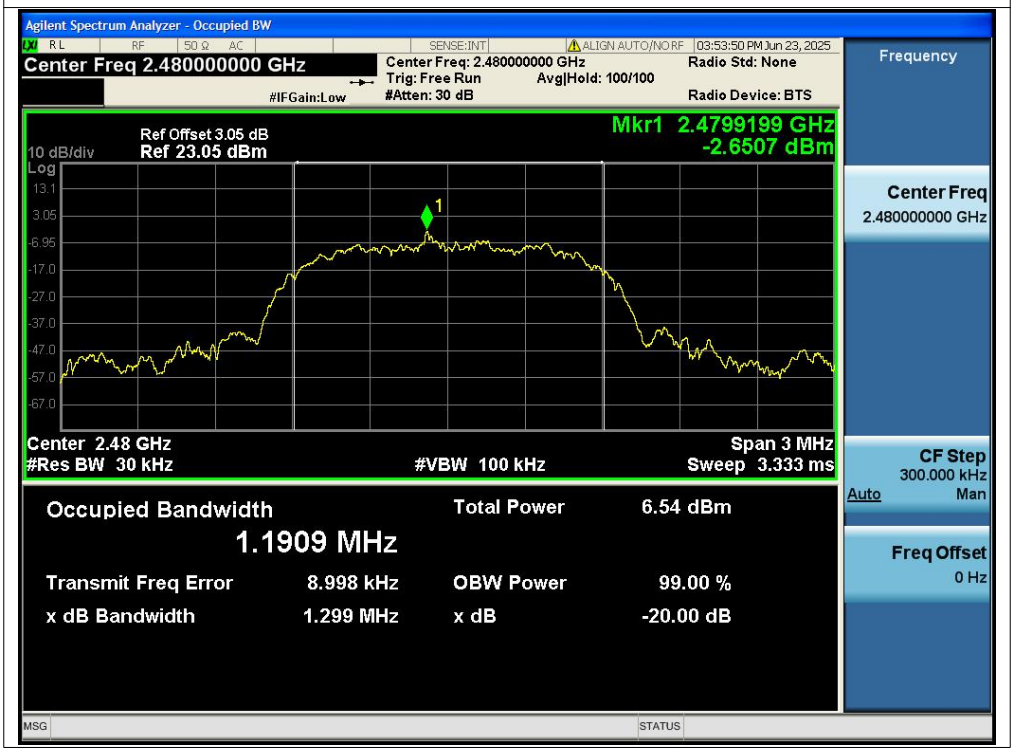
OBW NVNT 3-DH5 2402MHz Ant1



OBW NVNT 3-DH5 2441MHz Ant1



OBW NVNT 3-DH5 2480MHz Ant1



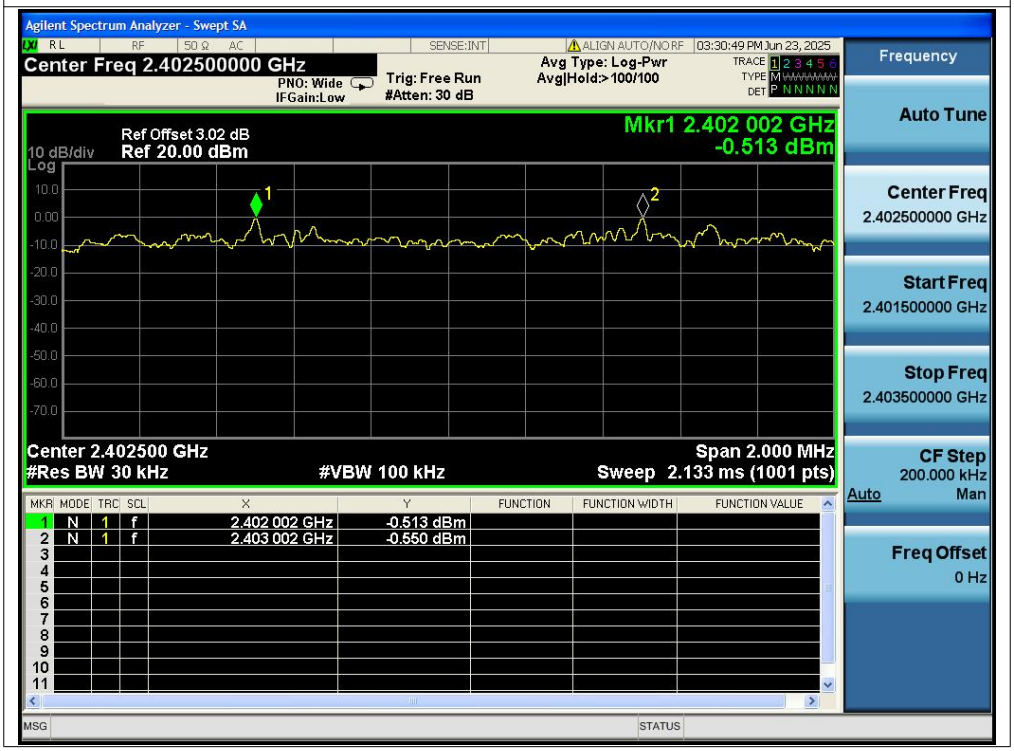
Carrier Frequencies Separation

Condition	Mode	Antenna	Hopping Freq1 (MHz)	Hopping Freq2 (MHz)	HFS (MHz)	Limit (MHz)	Verdict
NVNT	1-DH5	Ant1	2402.002	2403.01	1.008	0.629	Pass
NVNT	2-DH5	Ant1	2402.002	2403.002	1	0.877	Pass
NVNT	3-DH5	Ant1	2401.84	2403.008	1.168	0.865	Pass

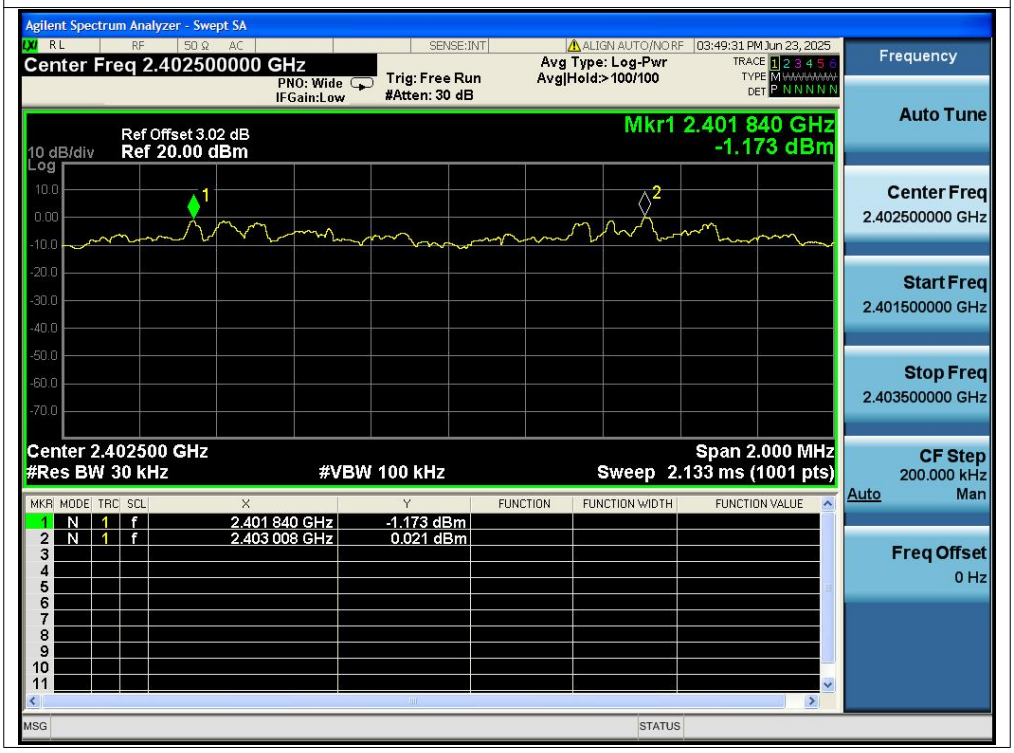
Test Graphs

CFS NVNT 1-DH5 2402MHz Ant1

CFS NVNT 2-DH5 2402MHz Ant1



CFS NVNT 3-DH5 2402MHz Ant1

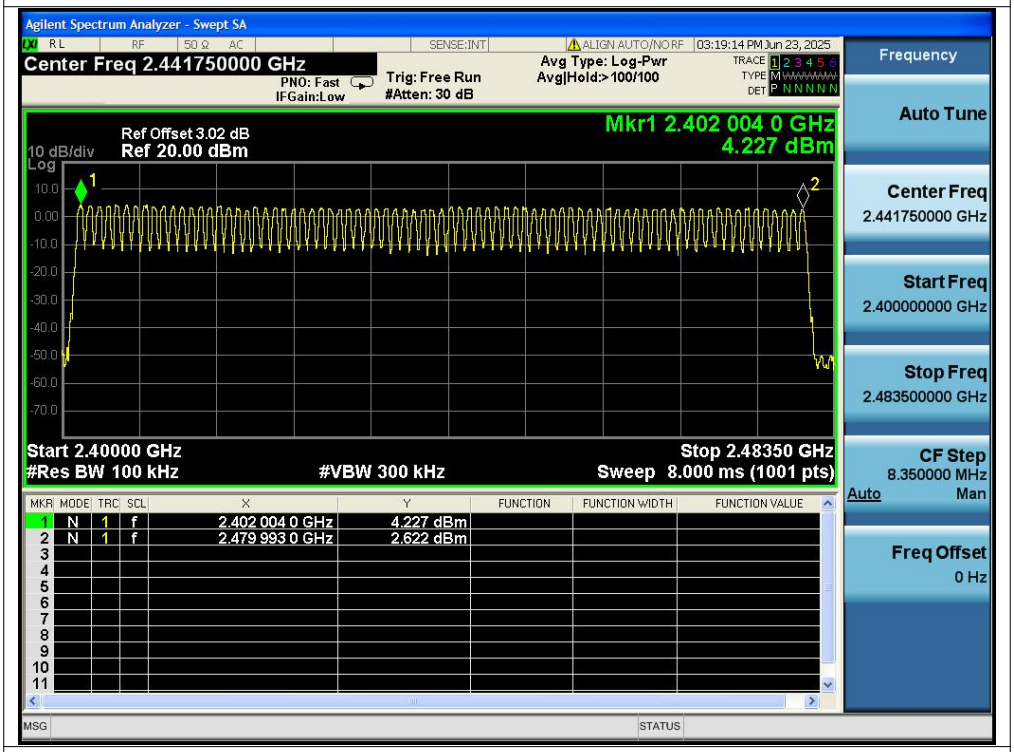


Number of Hopping Channel

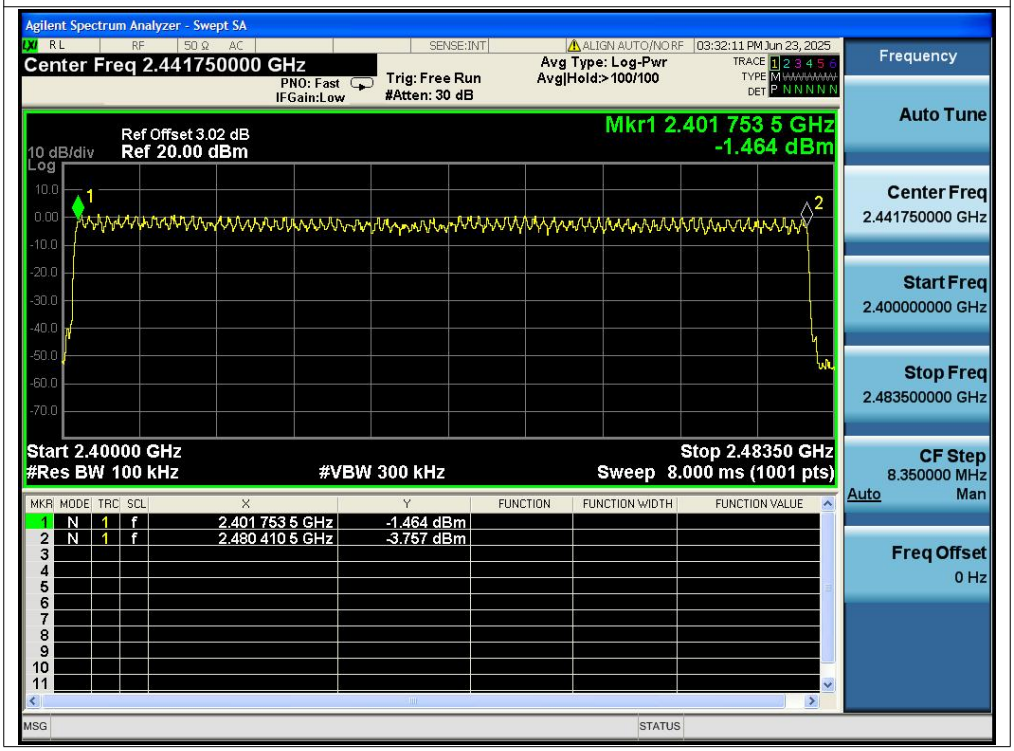
Condition	Mode	Antenna	Hopping Number	Limit	Verdict
NVNT	1-DH5	Ant1	79	15	Pass
NVNT	2-DH5	Ant1	79	15	Pass
NVNT	3-DH5	Ant1	79	15	Pass

Test Graphs

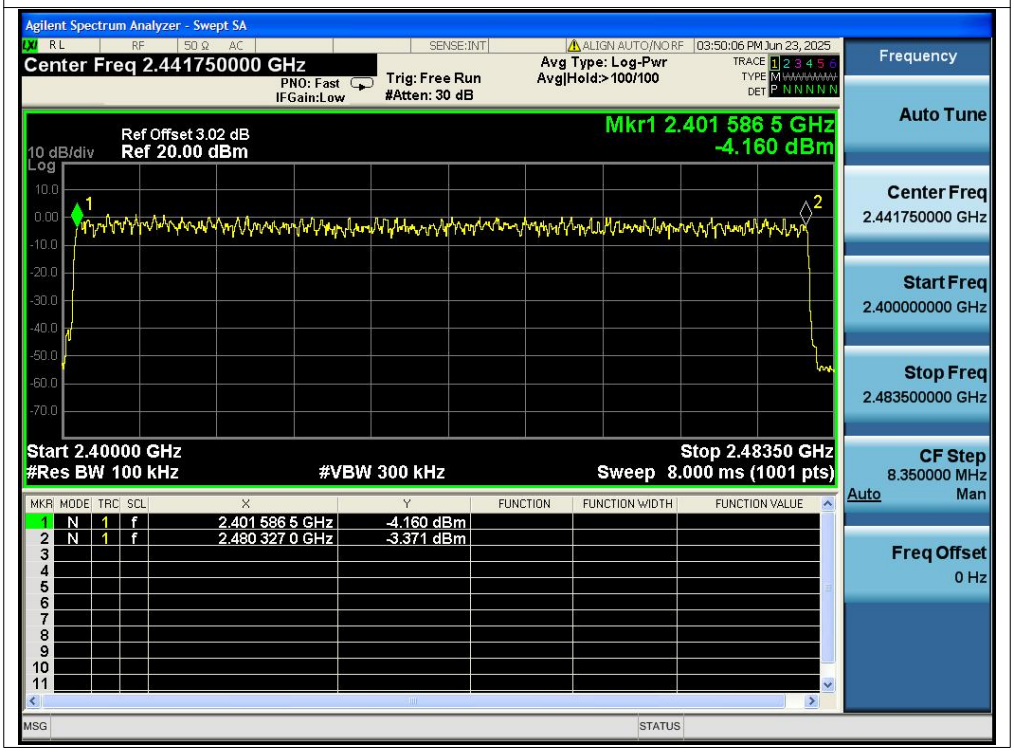
Hopping No. NVNT 1-DH5 2402MHz Ant1



Hopping No. NVNT 2-DH5 2402MHz Ant1



Hopping No. NVNT 3-DH5 2402MHz Ant1

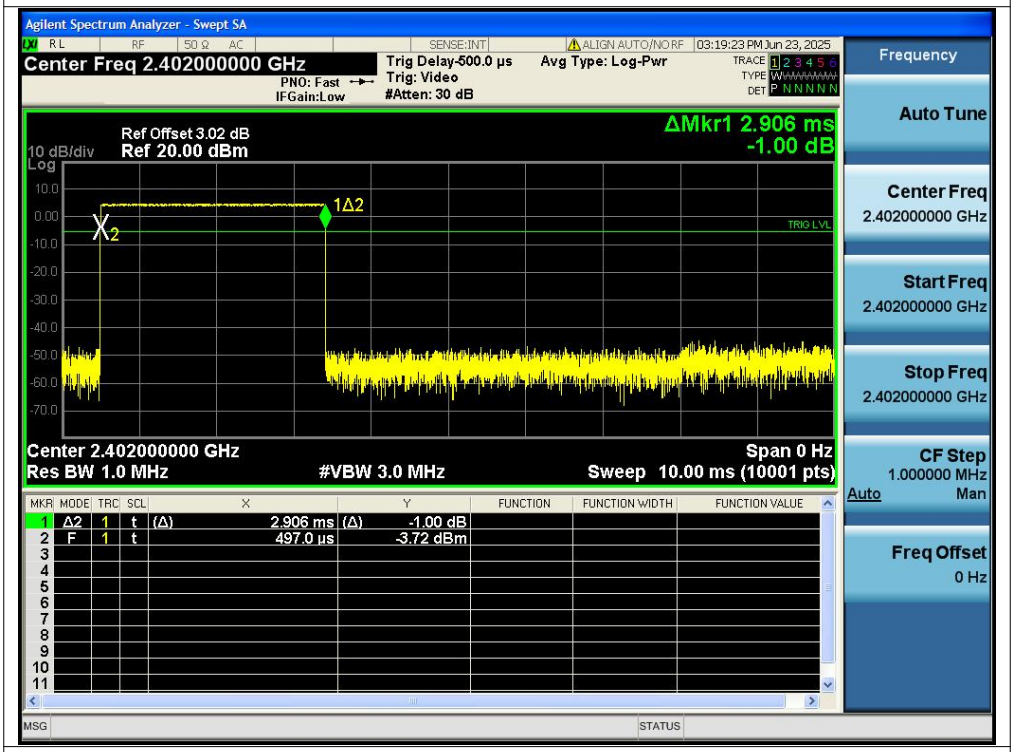


Dwell Time

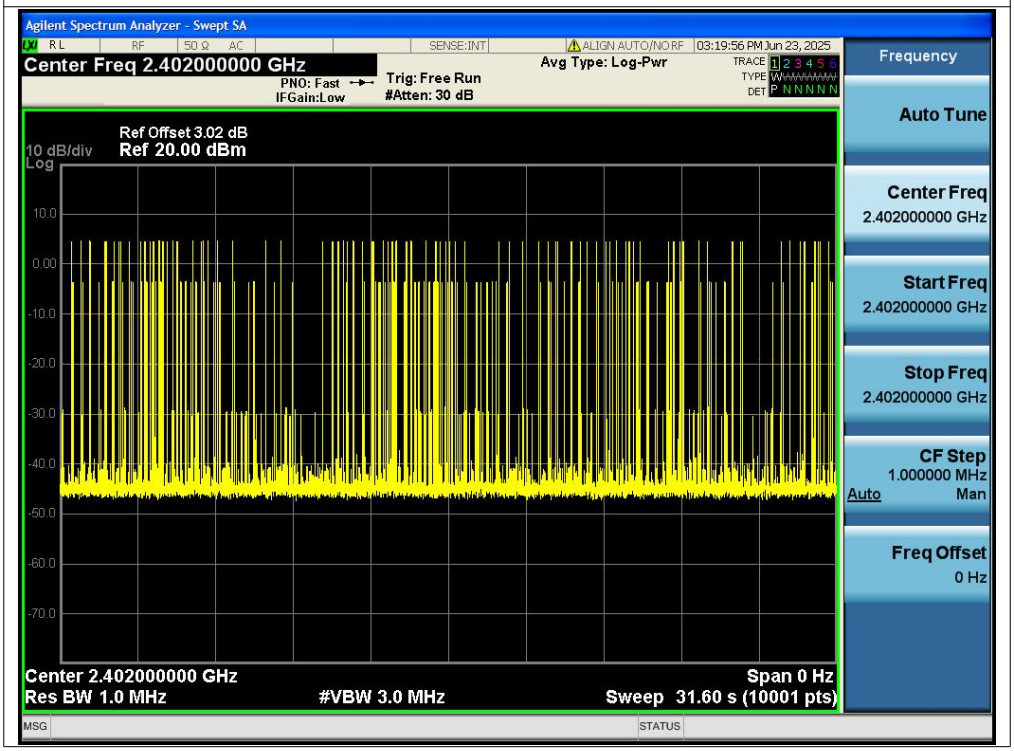
Condition	Mode	Frequency (MHz)	Antenna	Pulse Time (ms)	Total Dwell Time (ms)	Burst Count	Period Time (ms)	Limit (ms)	Verdict
NVNT	1-DH5	2402	Ant1	2.906	290.6	100	31600	400	Pass
NVNT	2-DH5	2402	Ant1	2.912	340.704	117	31600	400	Pass
NVNT	3-DH5	2402	Ant1	2.913	302.952	104	31600	400	Pass

Test Graphs

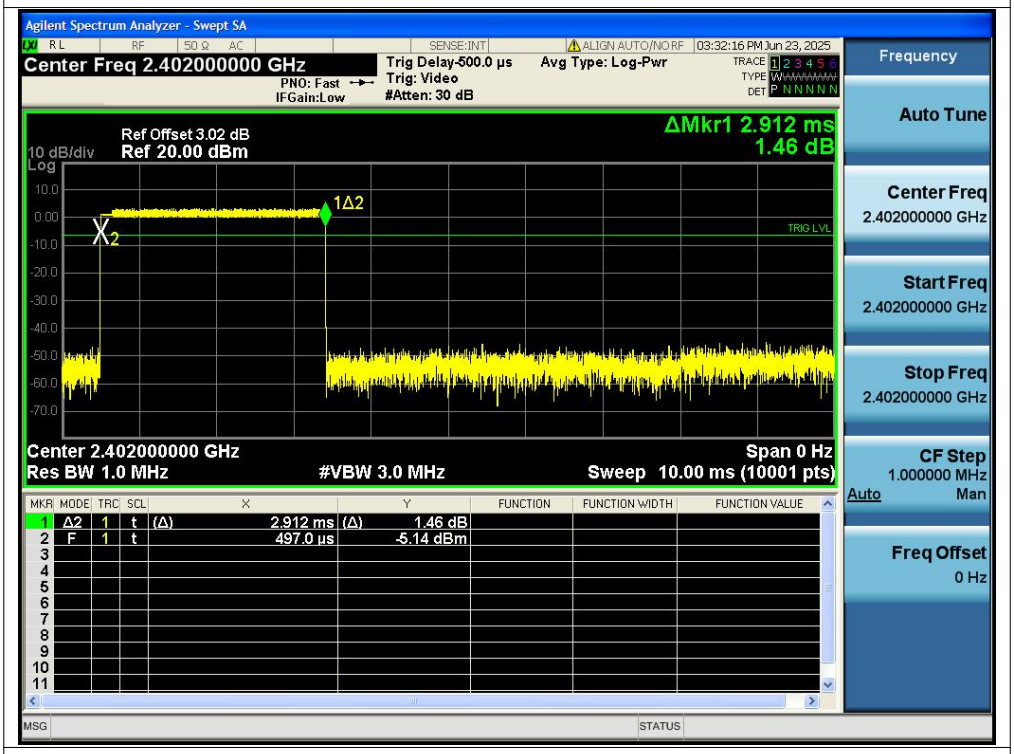
Dwell NVNT 1-DH5 2402MHz Ant1 One Burst



Dwell NVNT 1-DH5 2402MHz Ant1 Accumulated

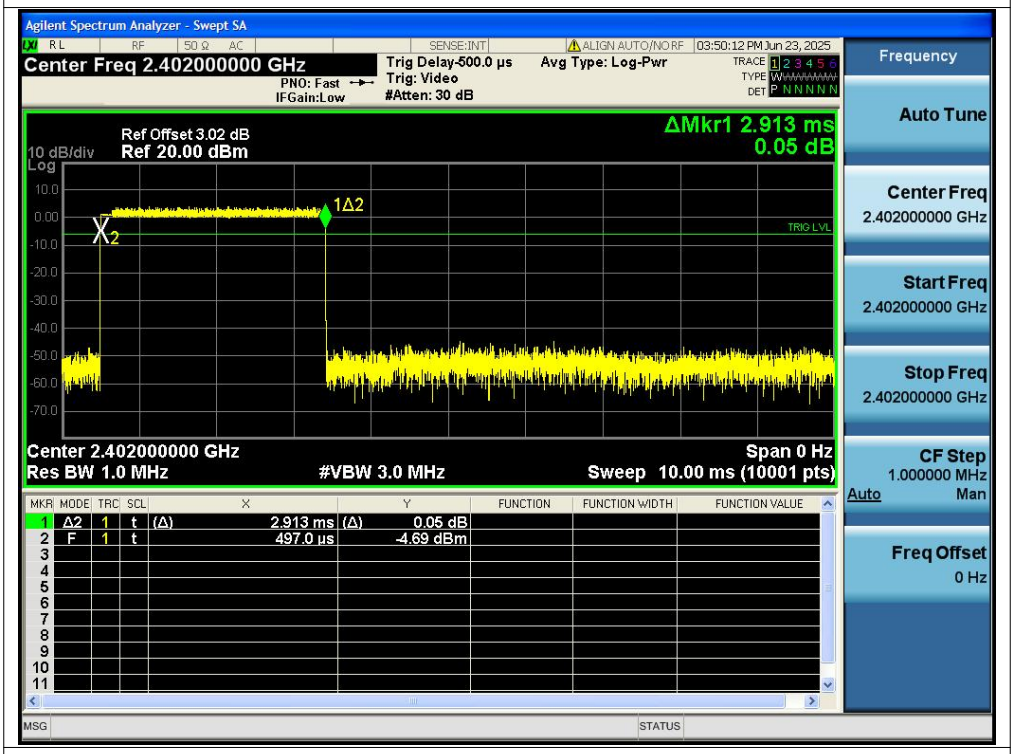


Dwell NVNT 2-DH5 2402MHz Ant1 One Burst



Dwell NVNT 2-DH5 2402MHz Ant1 Accumulated

Dwell NVNT 3-DH5 2402MHz Ant1 One Burst



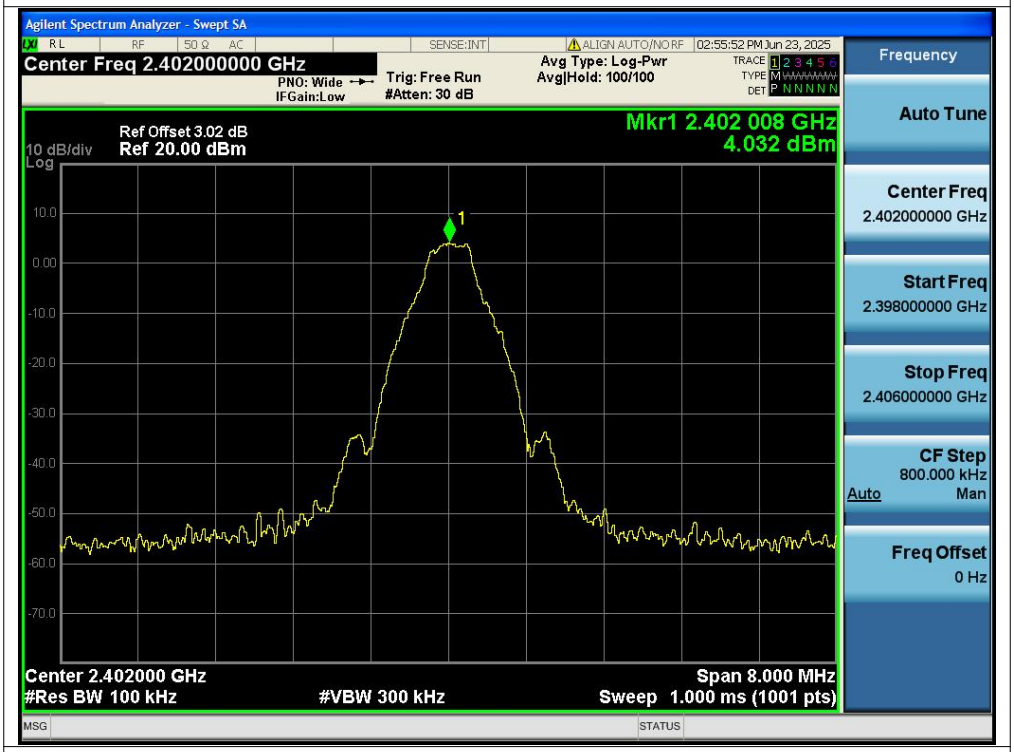
Dwell NVNT 3-DH5 2402MHz Ant1 Accumulated

Band Edge

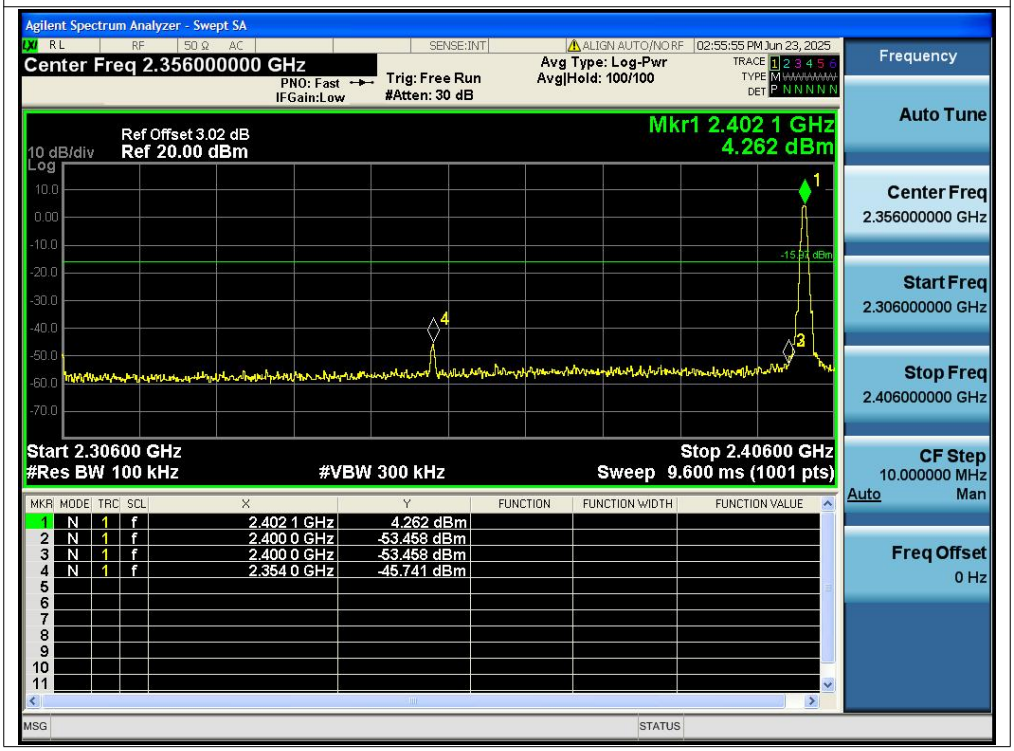
Condition	Mode	Frequency (MHz)	Antenna	Hopping Mode	Max Value (dBc)	Limit (dBc)	Verdict
NVNT	1-DH5	2402	Ant1	No-Hopping	-49.77	-20	Pass
NVNT	1-DH5	2480	Ant1	No-Hopping	-54.27	-20	Pass
NVNT	2-DH5	2402	Ant1	No-Hopping	-48.93	-20	Pass
NVNT	2-DH5	2480	Ant1	No-Hopping	-53.62	-20	Pass
NVNT	3-DH5	2402	Ant1	No-Hopping	-50.34	-20	Pass
NVNT	3-DH5	2480	Ant1	No-Hopping	-52.19	-20	Pass

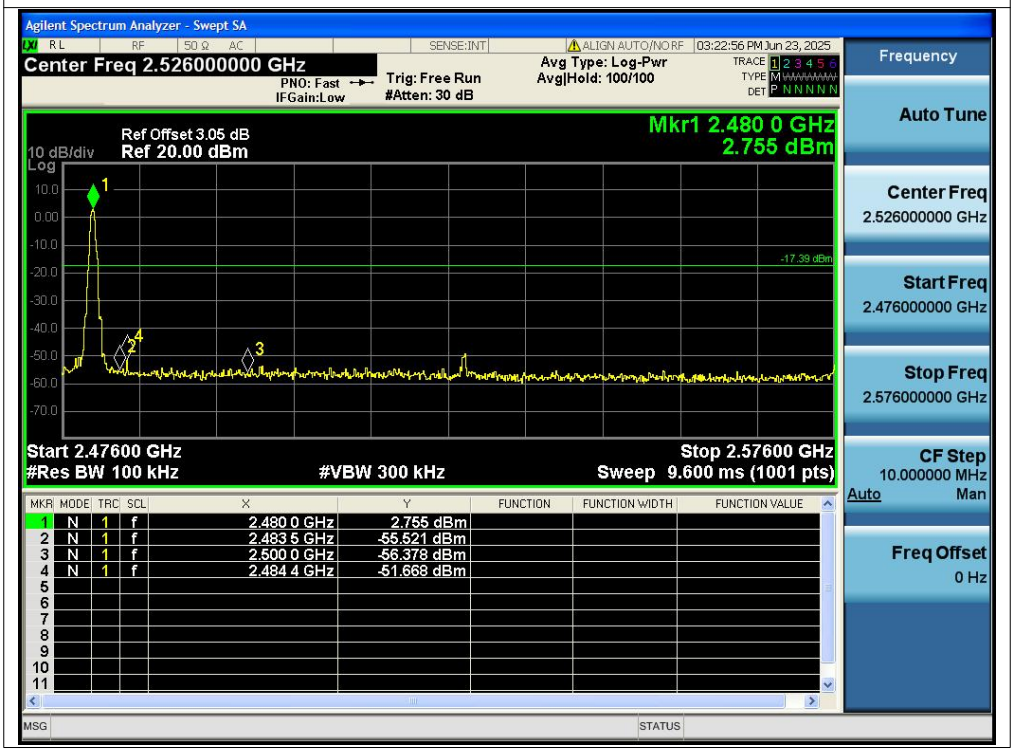
Test Graphs

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