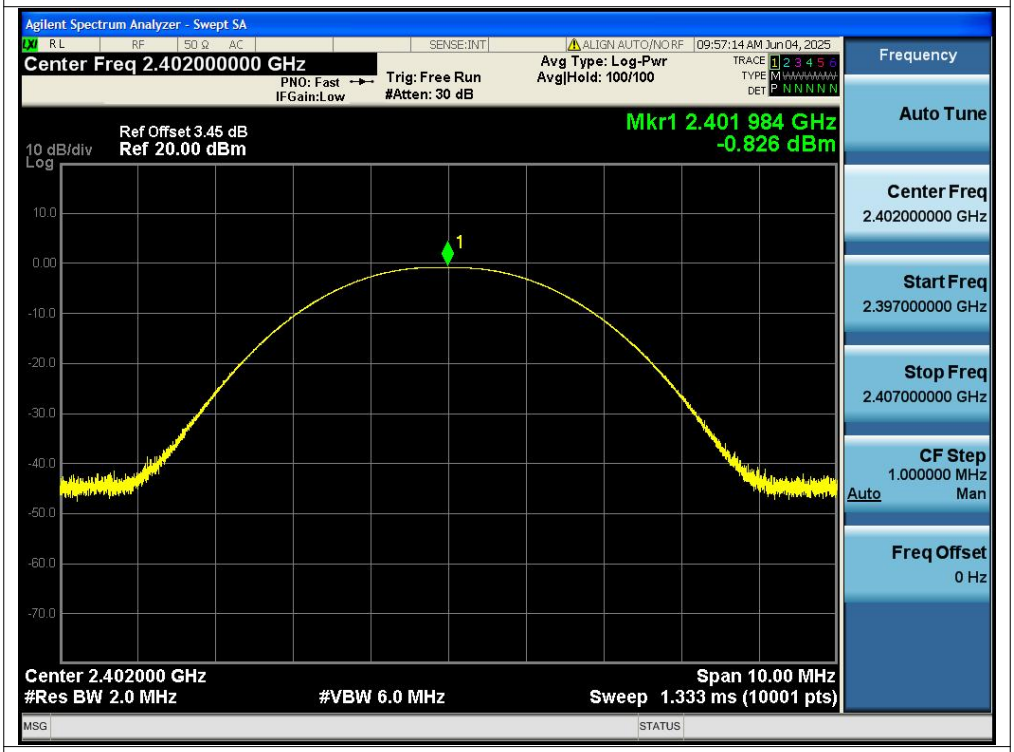
Appendix B BR

Maximum Conducted Output Power

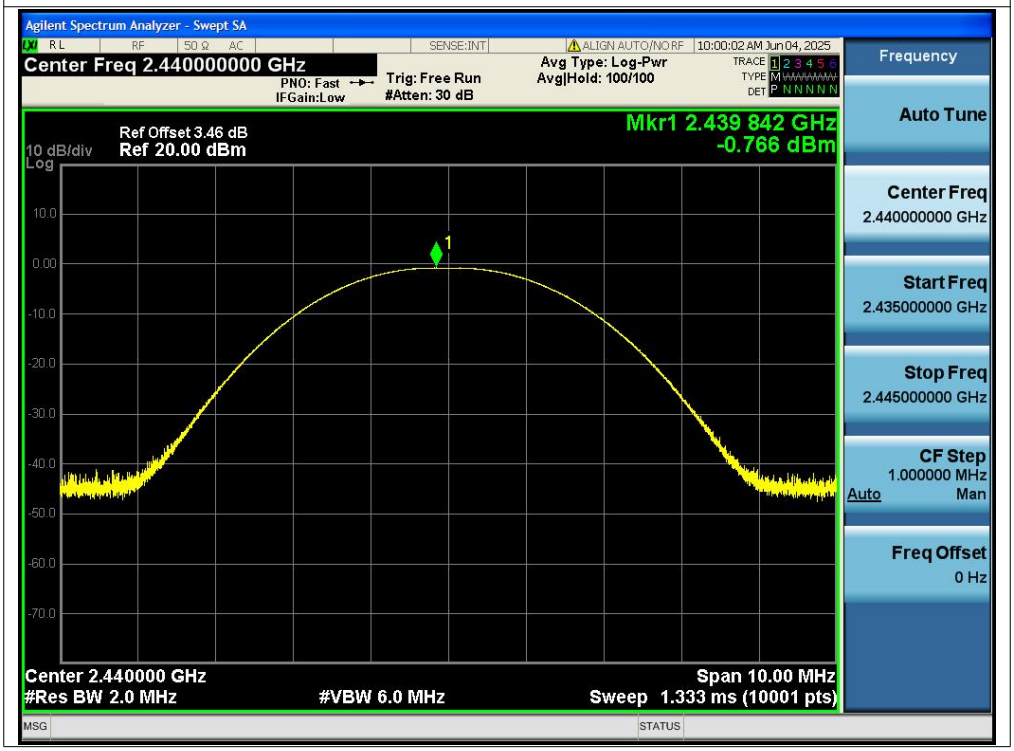
Condition	Mode	Frequency (MHz)	Antenna	Conducted Power (dBm)	Total Power (dBm)	Limit (dBm)	Verdict
NVNT	1-DH5	2402	Ant1	-0.83	-0.83	21	Pass
NVNT	1-DH5	2440	Ant1	-0.77	-0.77	21	Pass
NVNT	1-DH5	2480	Ant1	-0.7	-0.7	21	Pass
NVNT	2-DH5	2402	Ant1	5.62	5.62	21	Pass
NVNT	2-DH5	2440	Ant1	4.95	4.95	21	Pass
NVNT	2-DH5	2480	Ant1	4.71	4.71	21	Pass
NVNT	3-DH5	2402	Ant1	6.04	6.04	21	Pass
NVNT	3-DH5	2440	Ant1	5.52	5.52	21	Pass
NVNT	3-DH5	2480	Ant1	5.41	5.41	21	Pass

Test Graphs

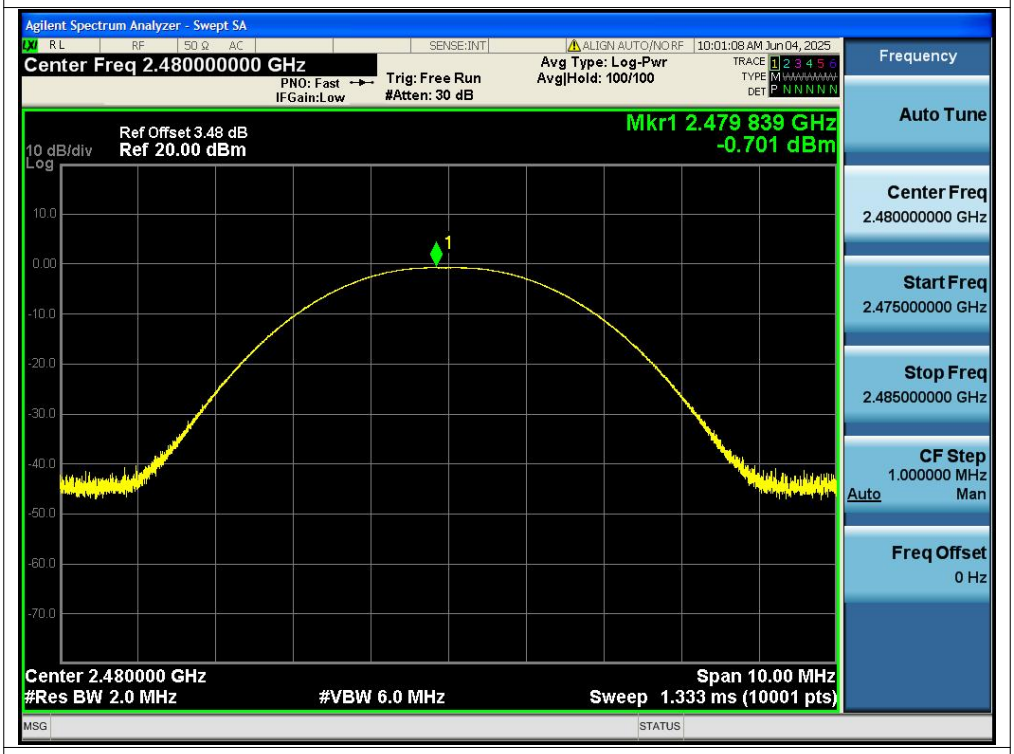
Power NVNT 1-DH5 2402MHz Ant1



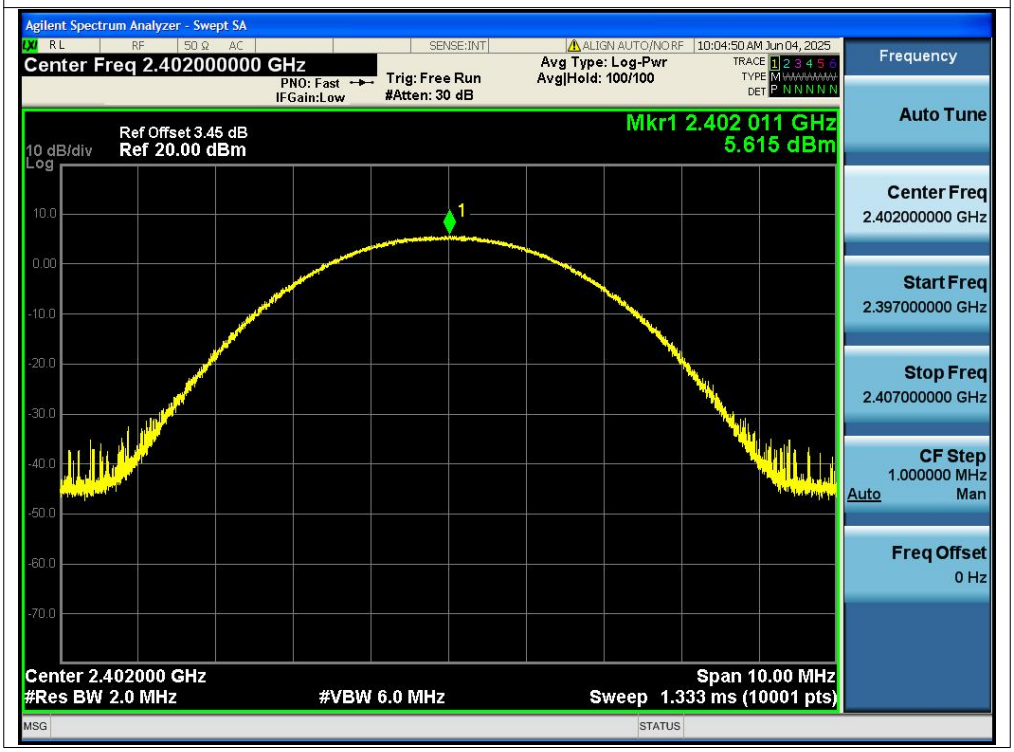
Power NVNT 1-DH5 2440MHz Ant1



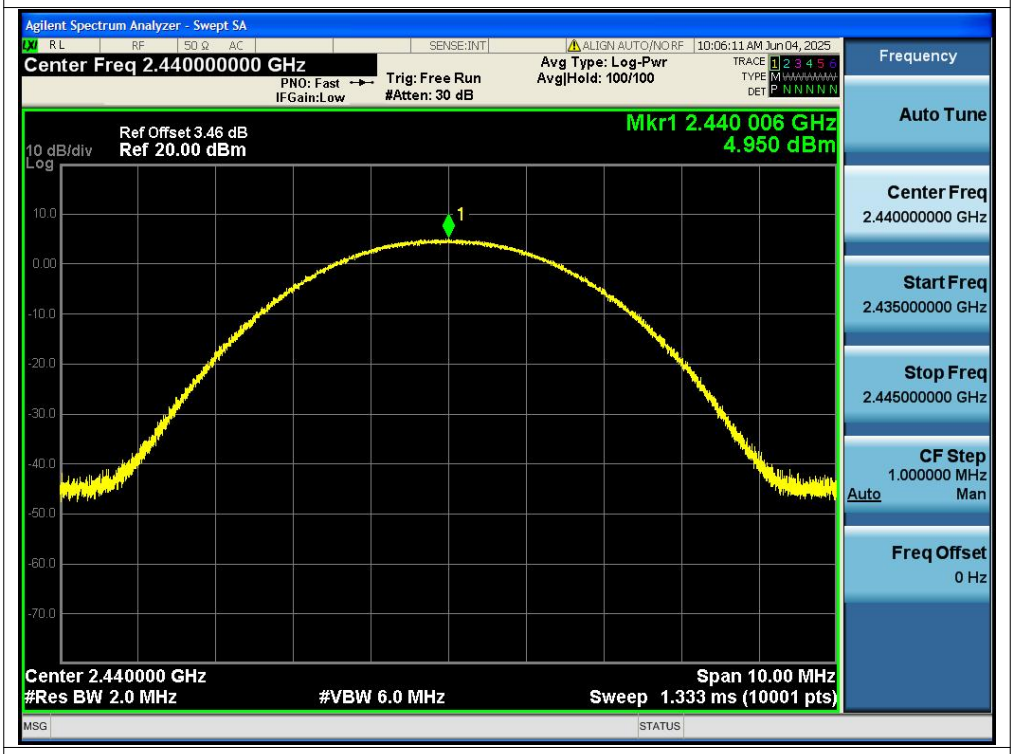
Power NVNT 1-DH5 2480MHz Ant1



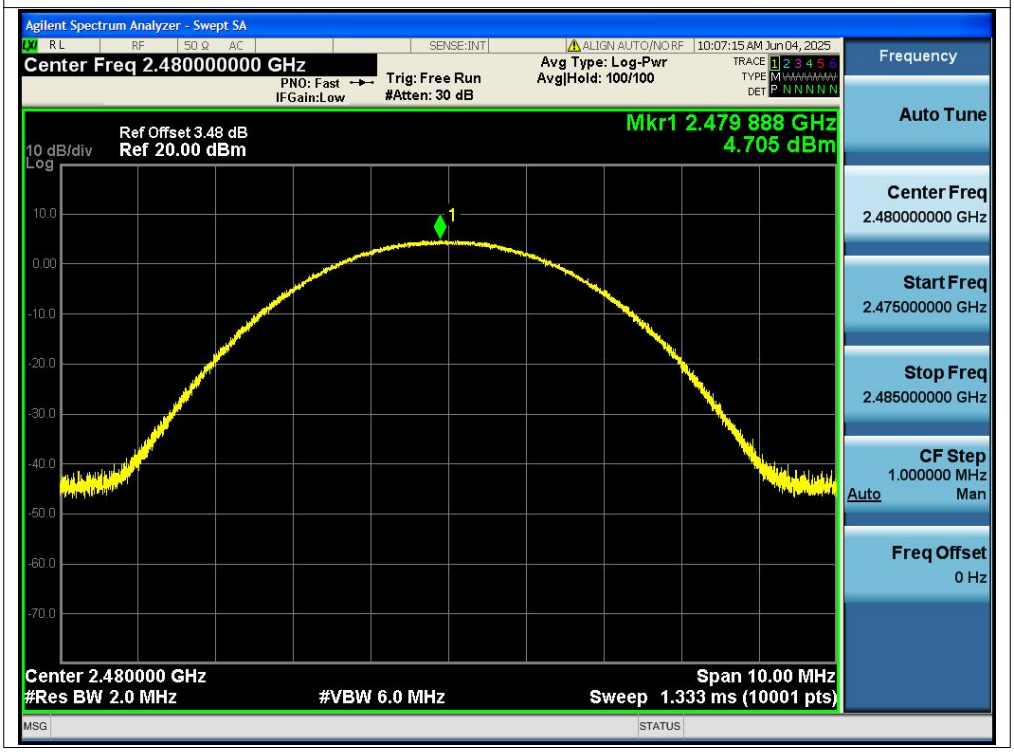
Power NVNT 2-DH5 2402MHz Ant1



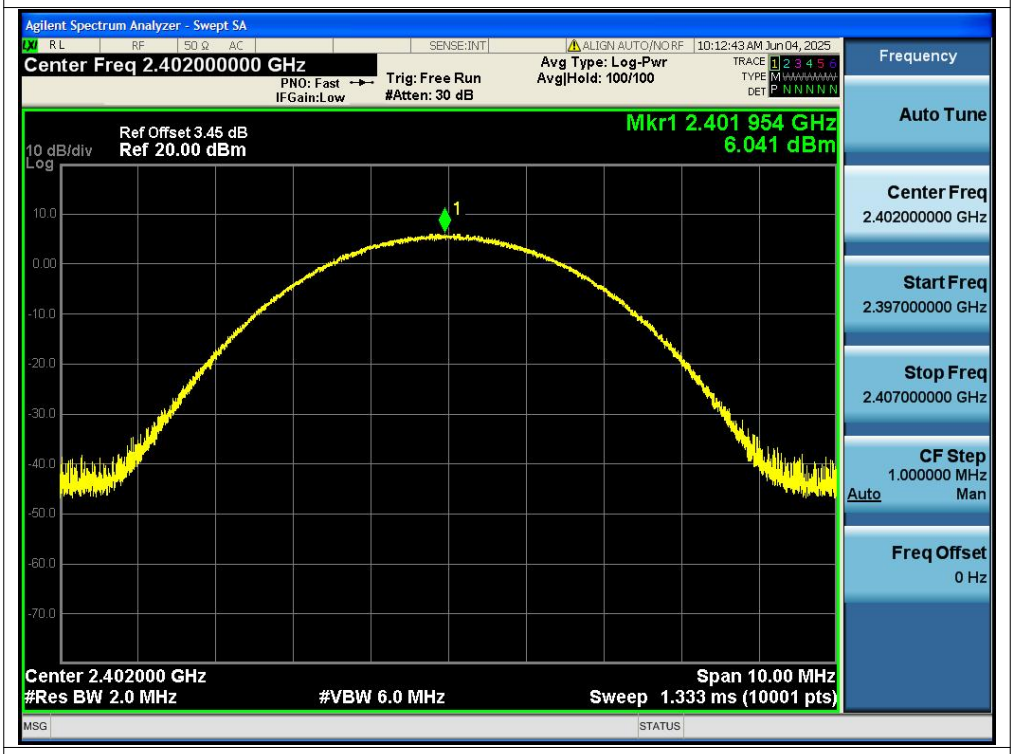
Power NVNT 2-DH5 2440MHz Ant1



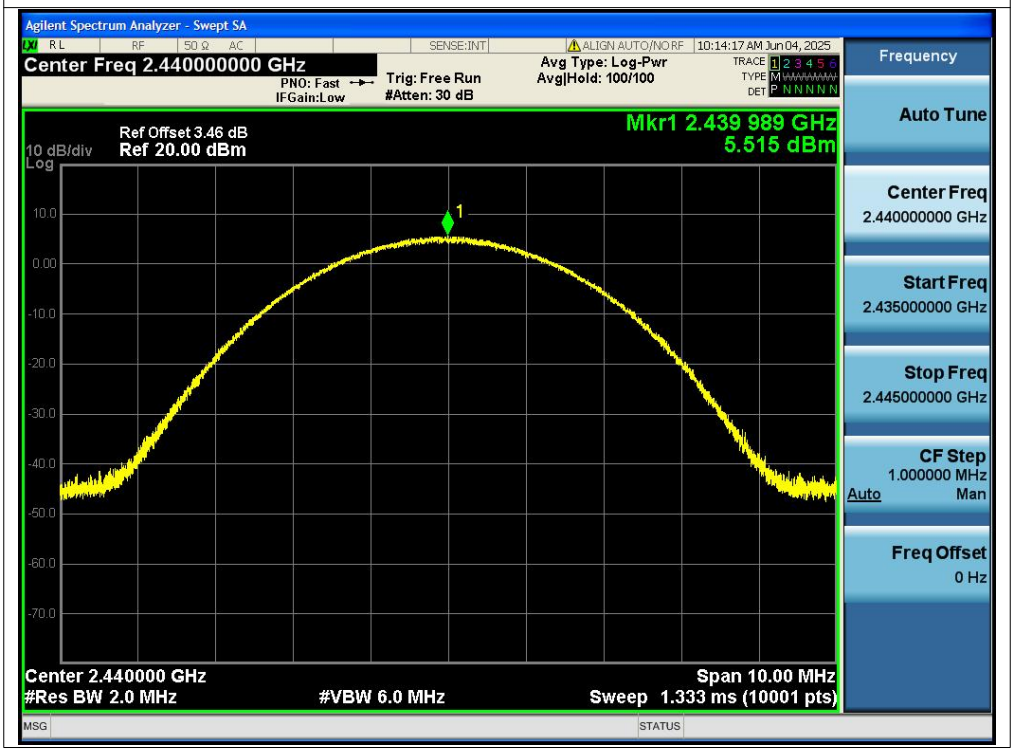
Power NVNT 2-DH5 2480MHz Ant1



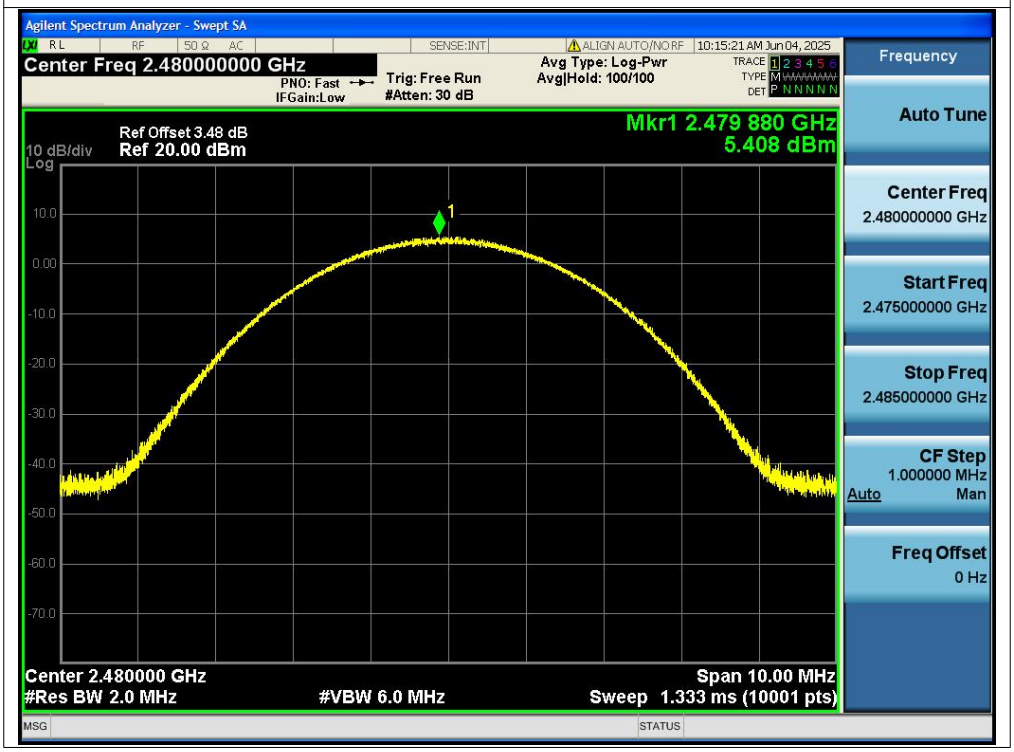
Power NVNT 3-DH5 2402MHz Ant1



Power NVNT 3-DH5 2440MHz Ant1



Power NVNT 3-DH5 2480MHz Ant1

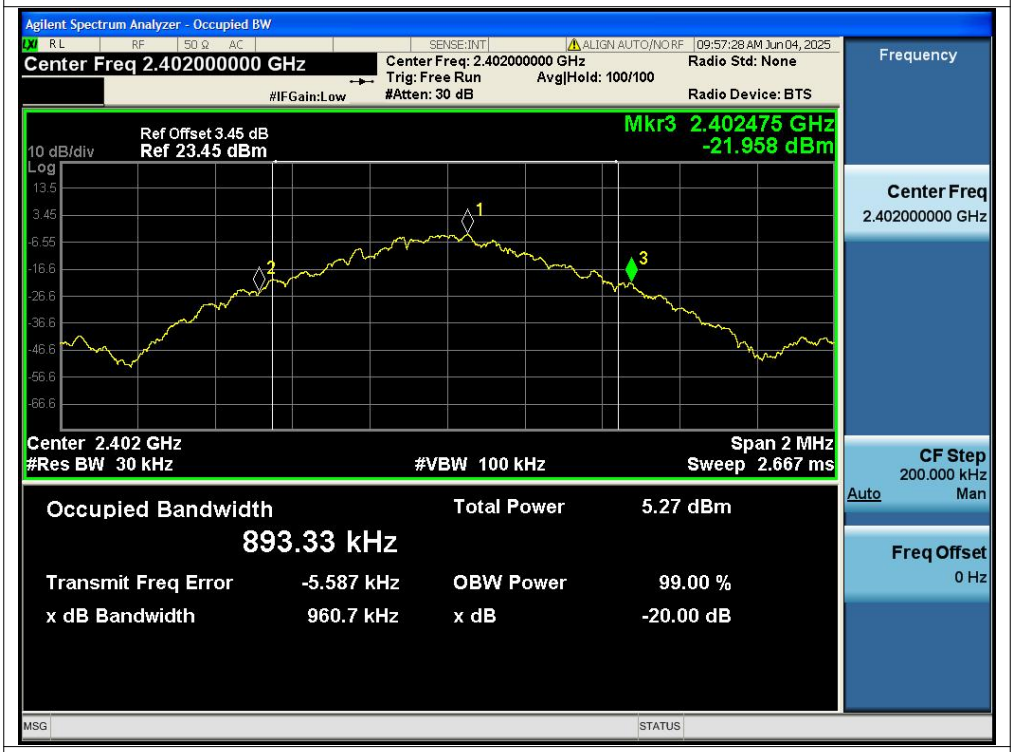


-20dB Bandwidth

Condition	Mode	Frequency (MHz)	Antenna	-20 dB Bandwidth (MHz)	Limit -20 dB Bandwidth (MHz)	Verdict
NVNT	1-DH5	2402	Ant1	0.961	0	Pass
NVNT	1-DH5	2440	Ant1	0.955	0	Pass
NVNT	1-DH5	2480	Ant1	0.956	0	Pass
NVNT	2-DH5	2402	Ant1	1.363	0	Pass
NVNT	2-DH5	2440	Ant1	1.37	0	Pass
NVNT	2-DH5	2480	Ant1	1.368	0	Pass
NVNT	3-DH5	2402	Ant1	1.352	0	Pass
NVNT	3-DH5	2440	Ant1	1.35	0	Pass
NVNT	3-DH5	2480	Ant1	1.352	0	Pass

Test Graphs

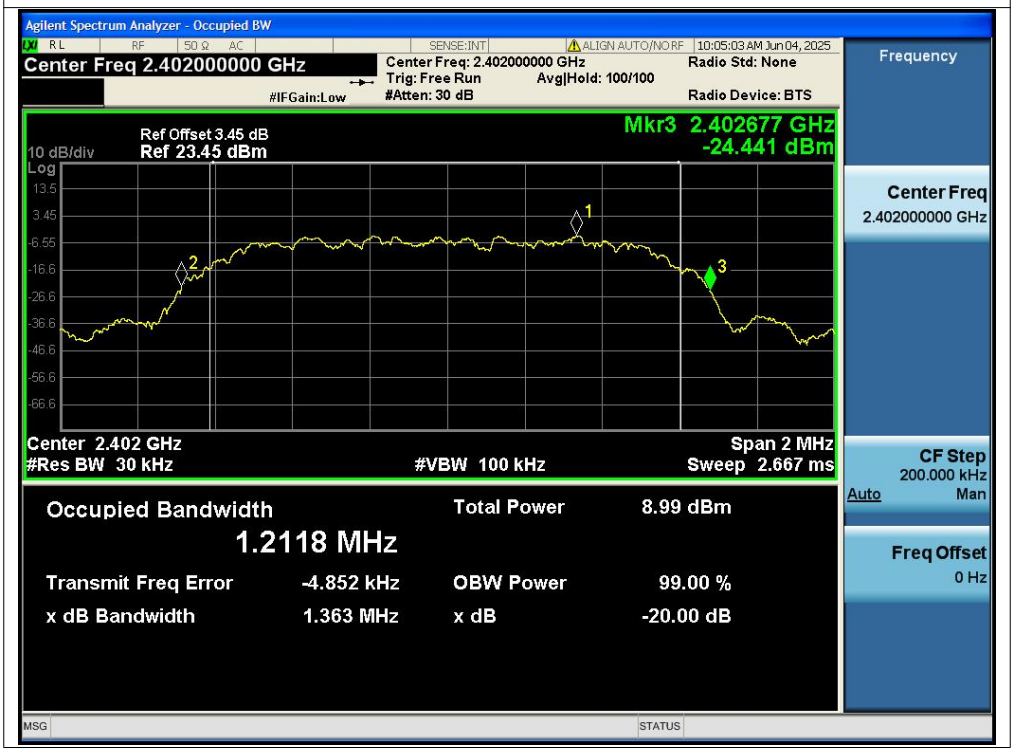
-20dB Bandwidth NVNT 1-DH5 2402MHz Ant1



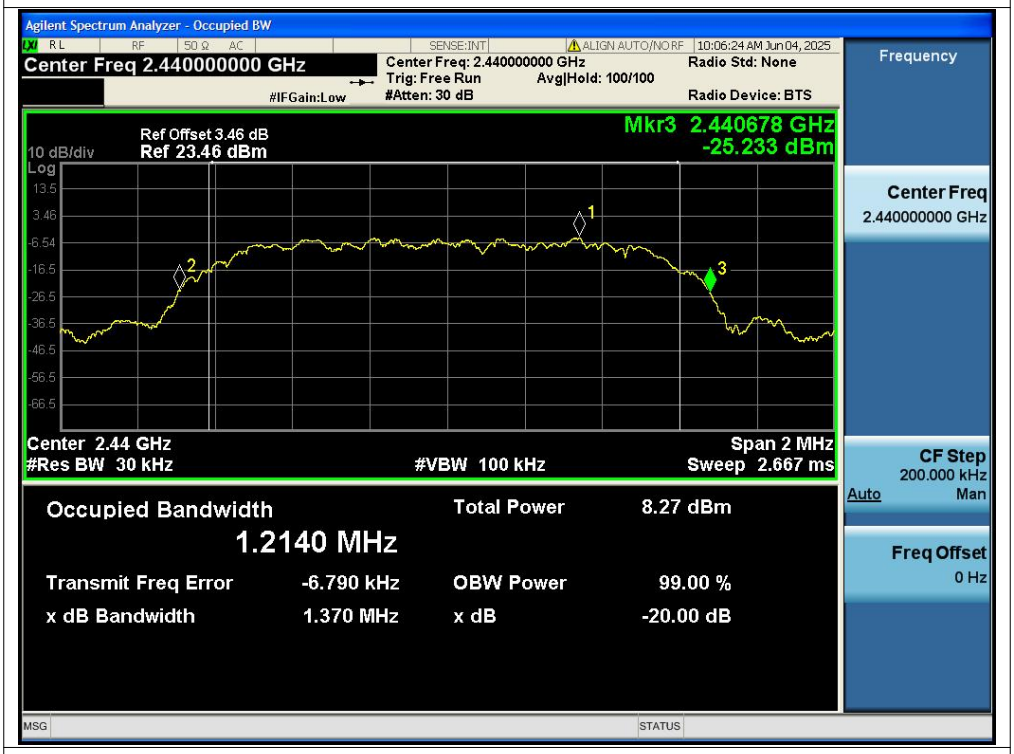
-20dB Bandwidth NVNT 1-DH5 2440MHz Ant1

-20dB Bandwidth NVNT 1-DH5 2480MHz Ant1

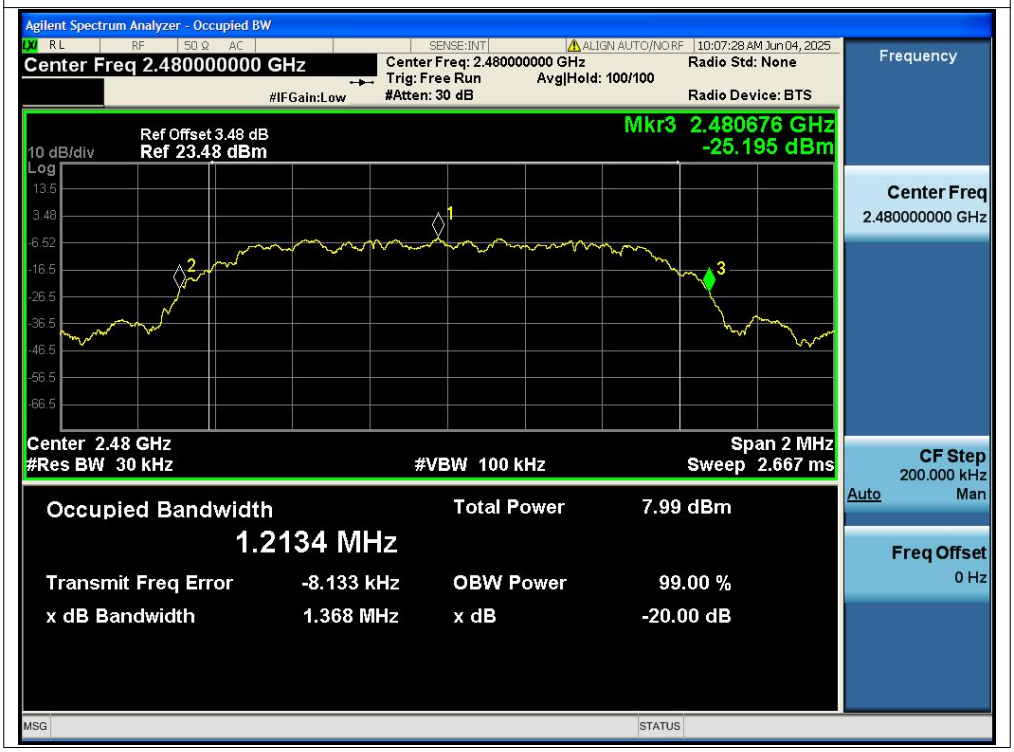
-20dB Bandwidth NVNT 2-DH5 2402MHz Ant1



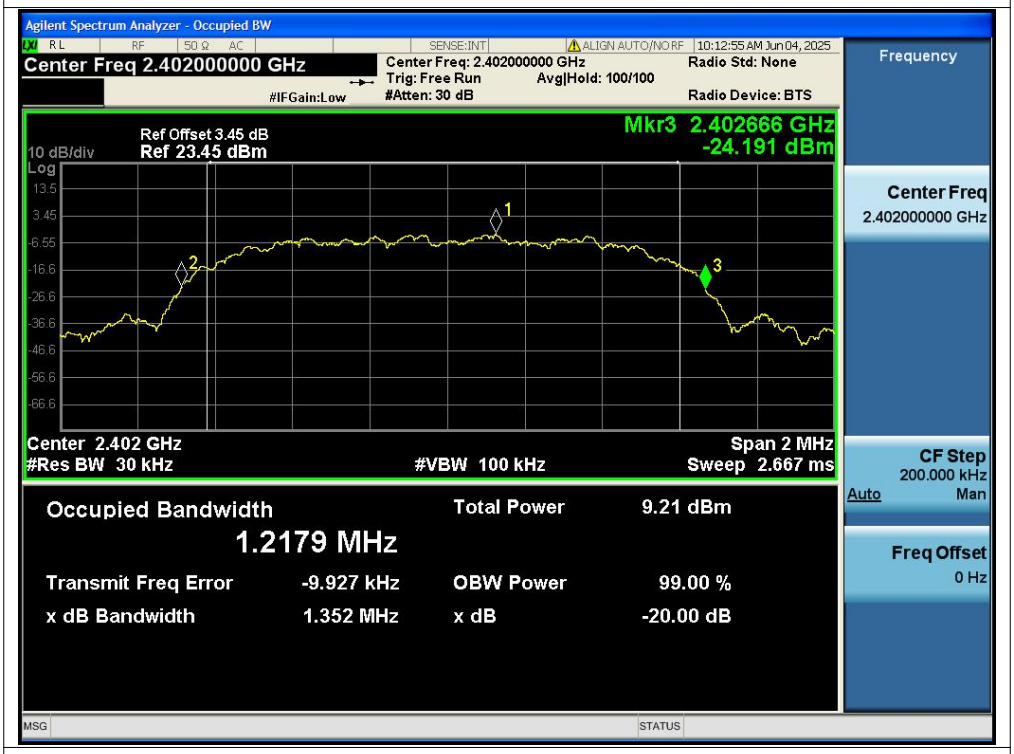
-20dB Bandwidth NVNT 2-DH5 2440MHz Ant1



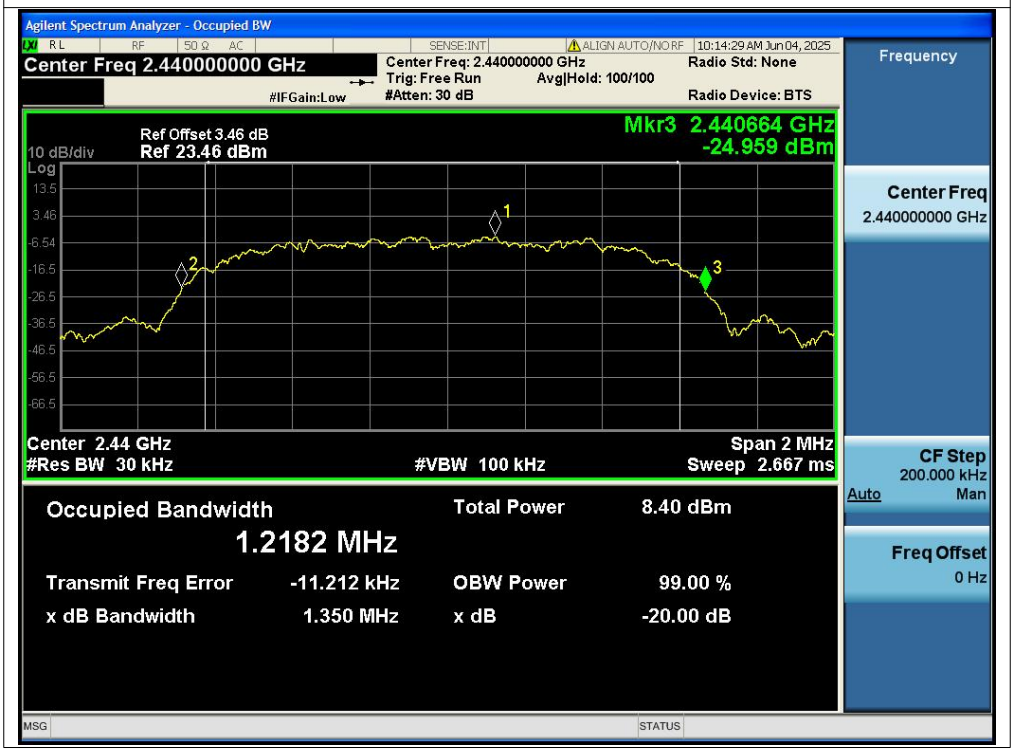
-20dB Bandwidth NVNT 2-DH5 2480MHz Ant1



-20dB Bandwidth NVNT 3-DH5 2402MHz Ant1



-20dB Bandwidth NVNT 3-DH5 2440MHz Ant1



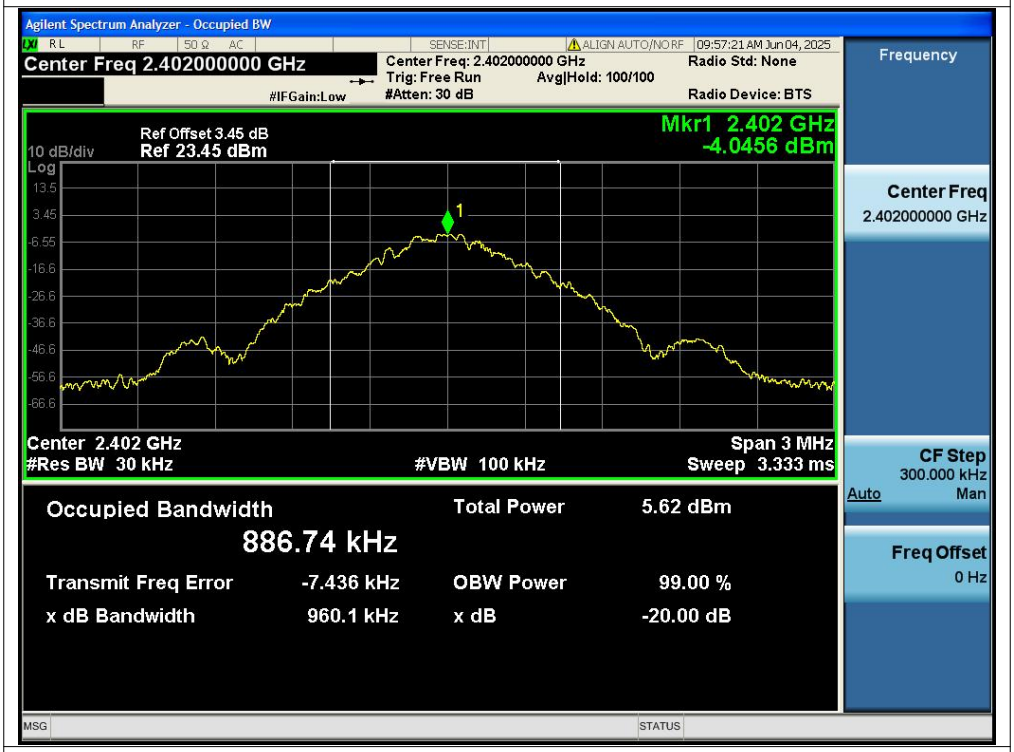
-20dB Bandwidth NVNT 3-DH5 2480MHz Ant1

Occupied Channel Bandwidth

Condition	Mode	Frequency (MHz)	Antenna	99% OBW (MHz)
NVNT	1-DH5	2402	Ant1	0.887
NVNT	1-DH5	2440	Ant1	0.894
NVNT	1-DH5	2480	Ant1	0.9
NVNT	2-DH5	2402	Ant1	1.216
NVNT	2-DH5	2440	Ant1	1.218
NVNT	2-DH5	2480	Ant1	1.216
NVNT	3-DH5	2402	Ant1	1.219
NVNT	3-DH5	2440	Ant1	1.218
NVNT	3-DH5	2480	Ant1	1.208

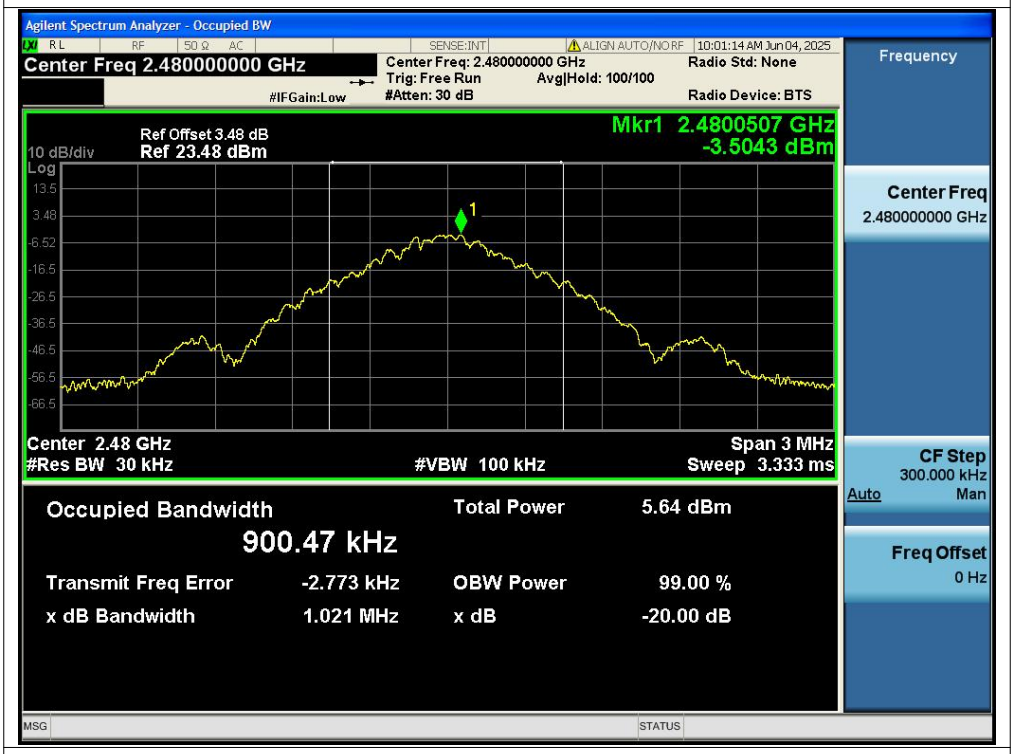
Test Graphs

OBW NVNT 1-DH5 2402MHz Ant1

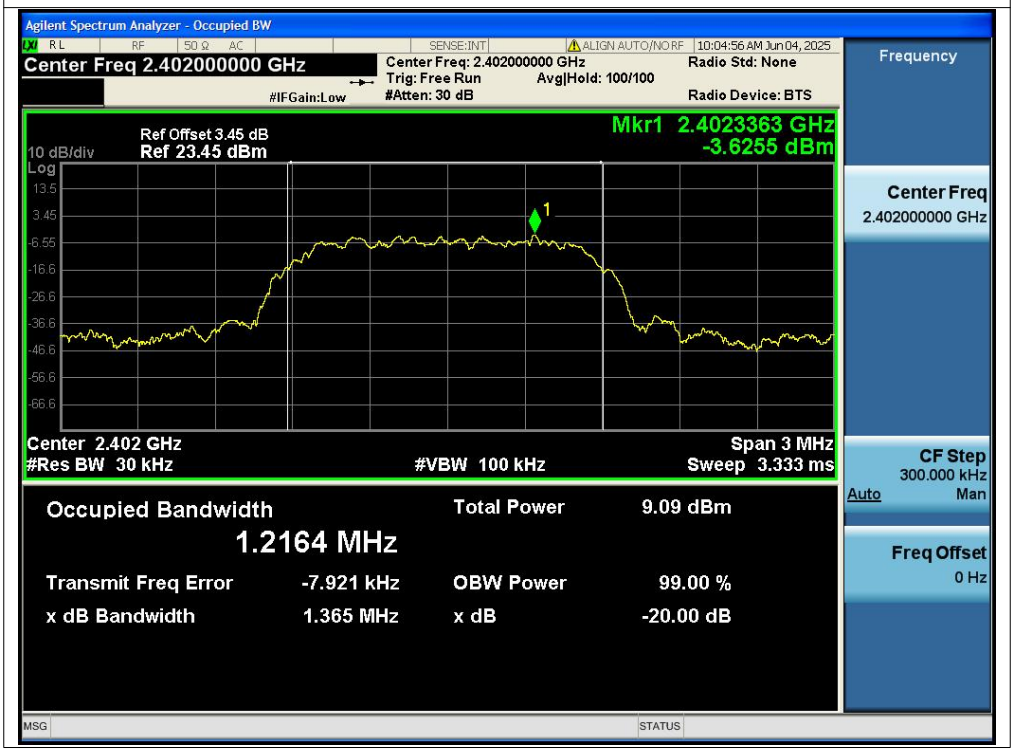


OBW NVNT 1-DH5 2440MHz Ant1

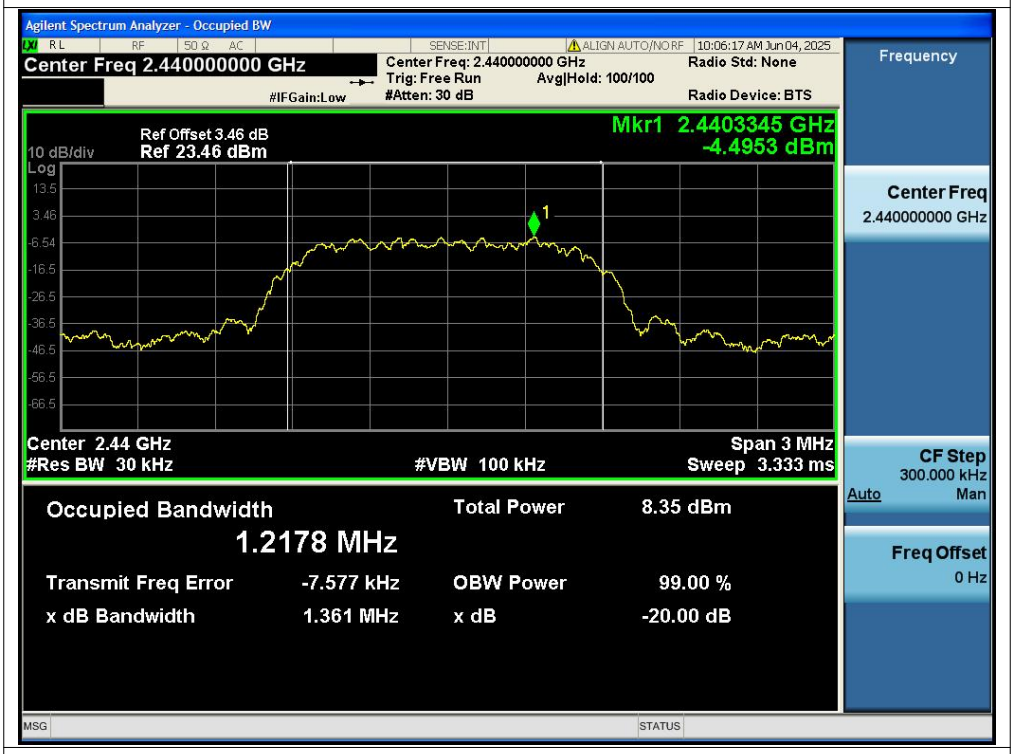
OBW NVNT 1-DH5 2480MHz Ant1



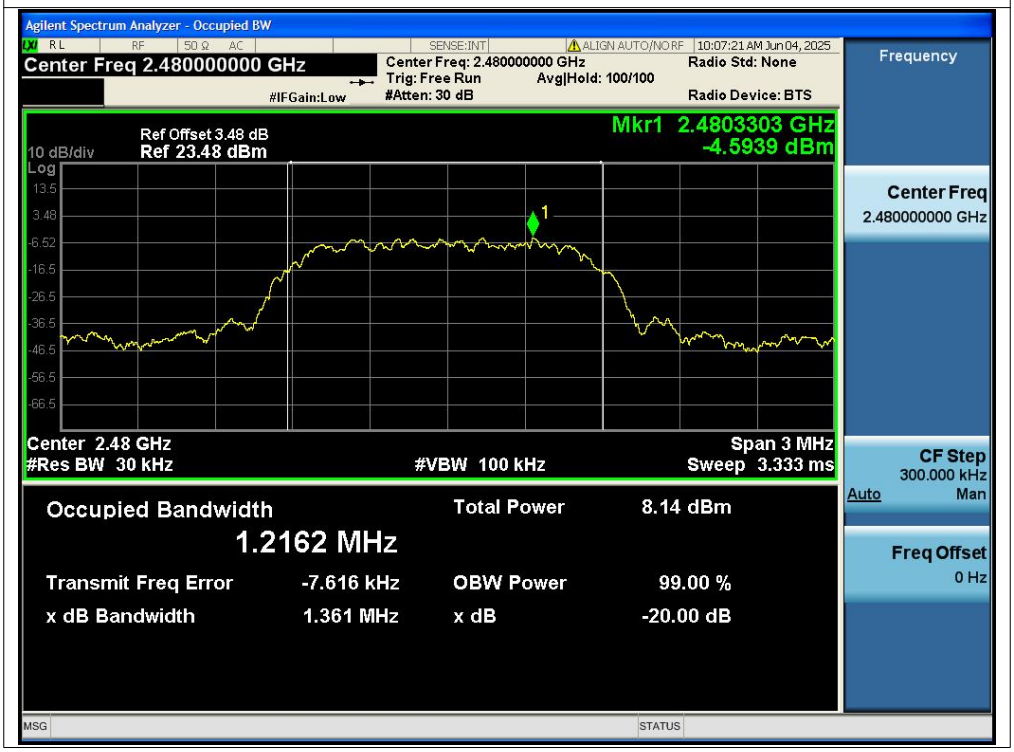
OBW NVNT 2-DH5 2402MHz Ant1



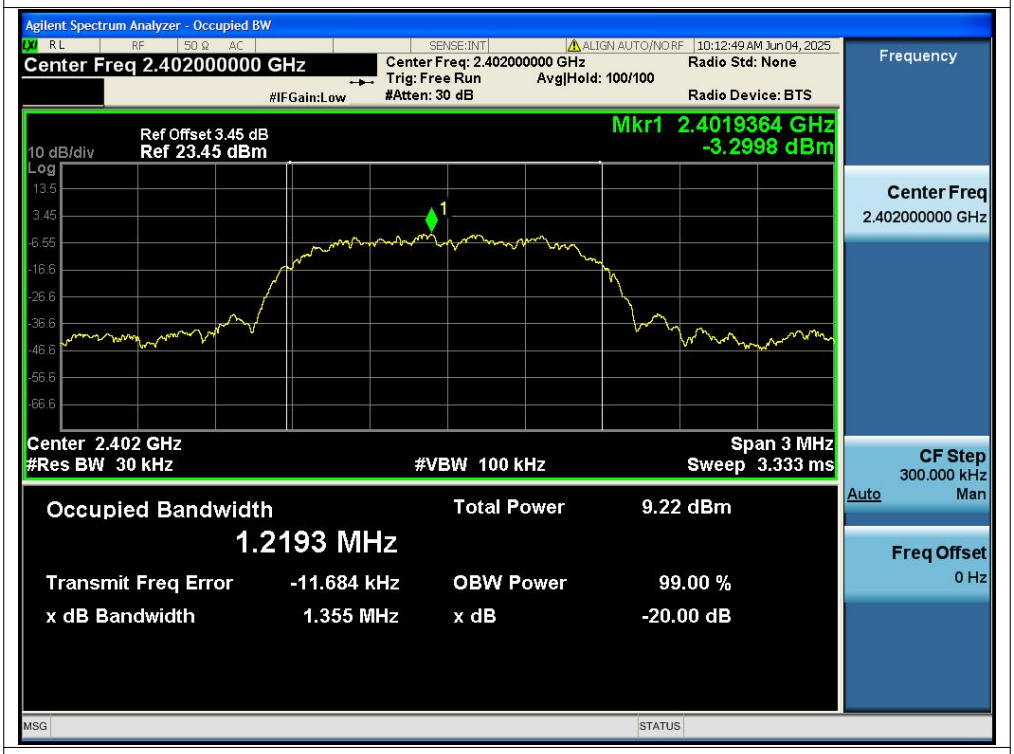
OBW NVNT 2-DH5 2440MHz Ant1



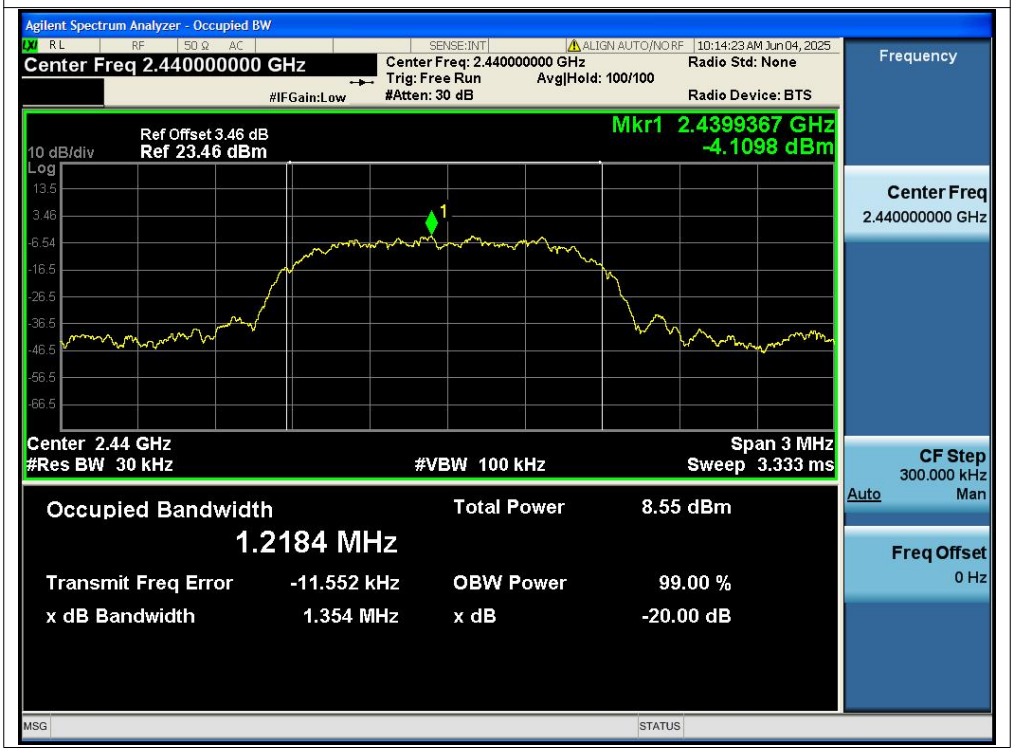
OBW NVNT 2-DH5 2480MHz Ant1



OBW NVNT 3-DH5 2402MHz Ant1



OBW NVNT 3-DH5 2440MHz Ant1



OBW NVNT 3-DH5 2480MHz Ant1

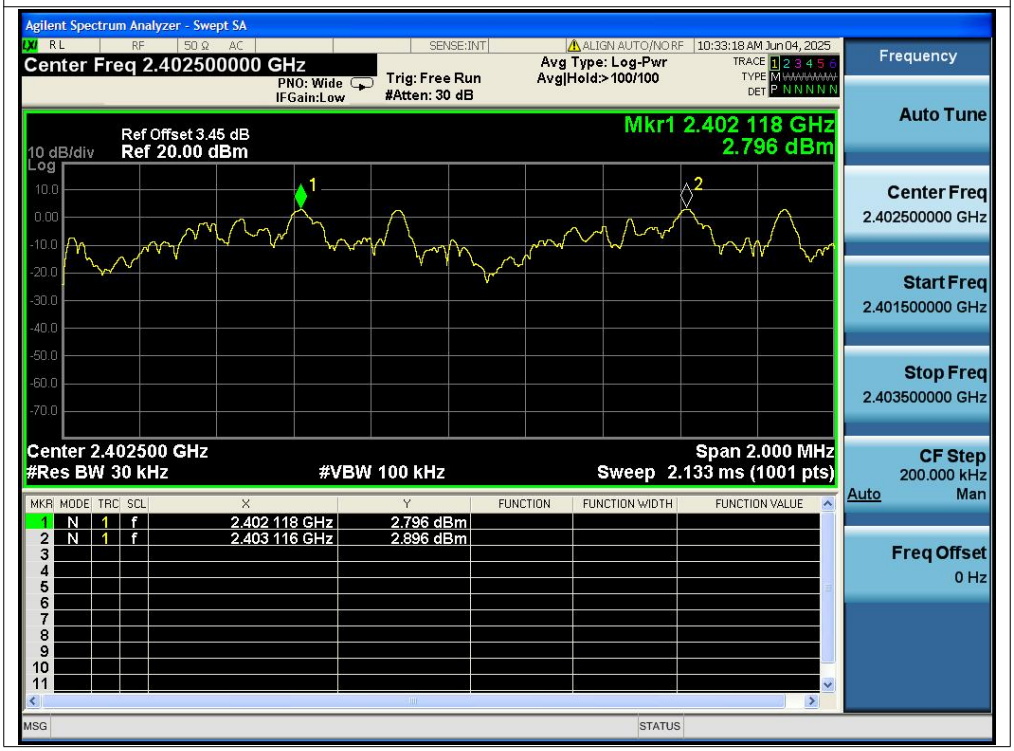
Carrier Frequencies Separation

Condition	Mode	Antenna	Hopping Freq1 (MHz)	Hopping Freq2 (MHz)	HFS (MHz)	Limit (MHz)	Verdict
NVNT	1-DH5	Ant1	2401.83	2402.828	0.998	0.641	Pass
NVNT	2-DH5	Ant1	2402.118	2403.116	0.998	0.909	Pass
NVNT	3-DH5	Ant1	2401.994	2402.994	1	0.901	Pass

Test Graphs

CFS NVNT 1-DH5 2402MHz Ant1

CFS NVNT 2-DH5 2402MHz Ant1



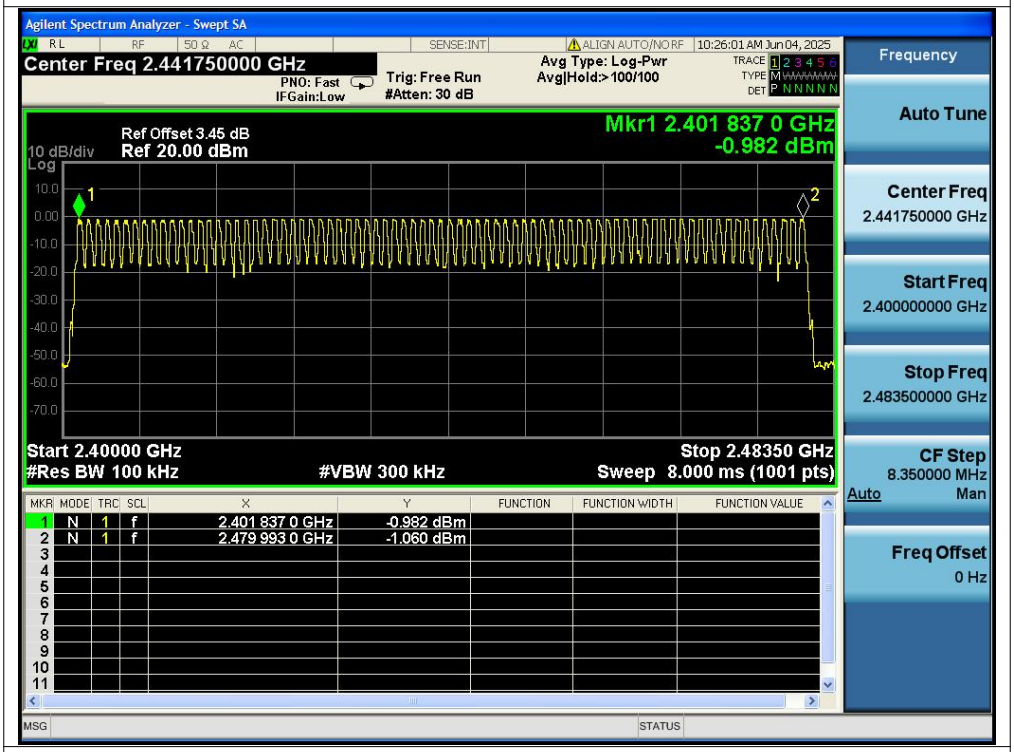
CFS NVNT 3-DH5 2402MHz Ant1

Number of Hopping Channel

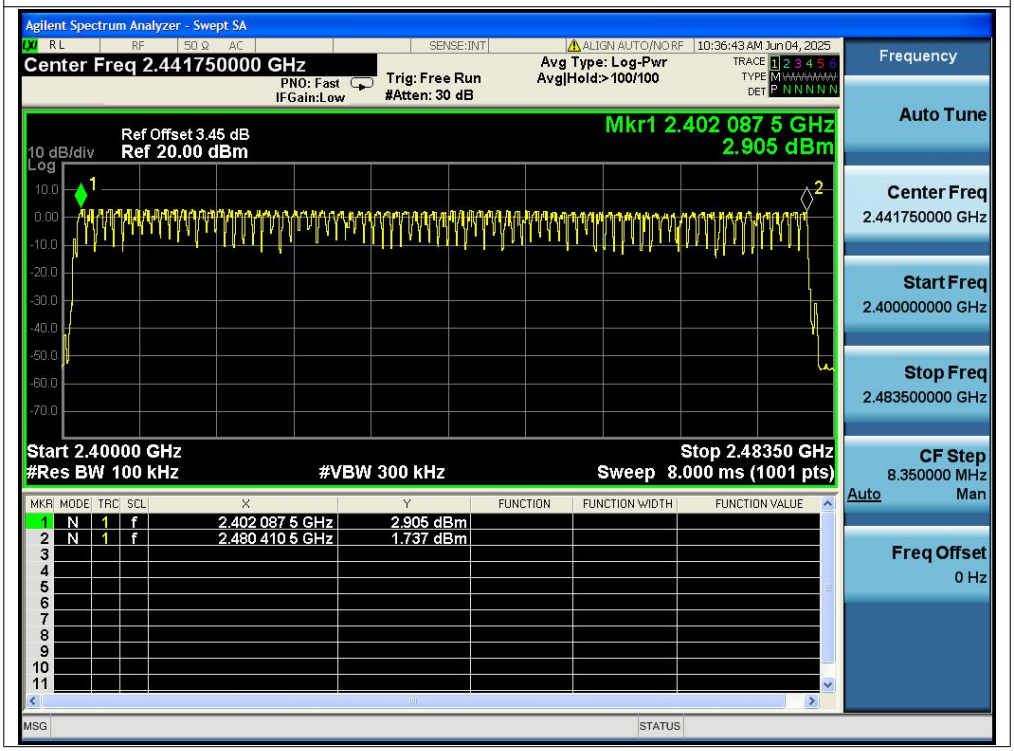
Condition	Mode	Antenna	Hopping Number	Limit	Verdict
NVNT	1-DH5	Ant1	79	15	Pass
NVNT	2-DH5	Ant1	79	15	Pass
NVNT	3-DH5	Ant1	79	15	Pass

Test Graphs

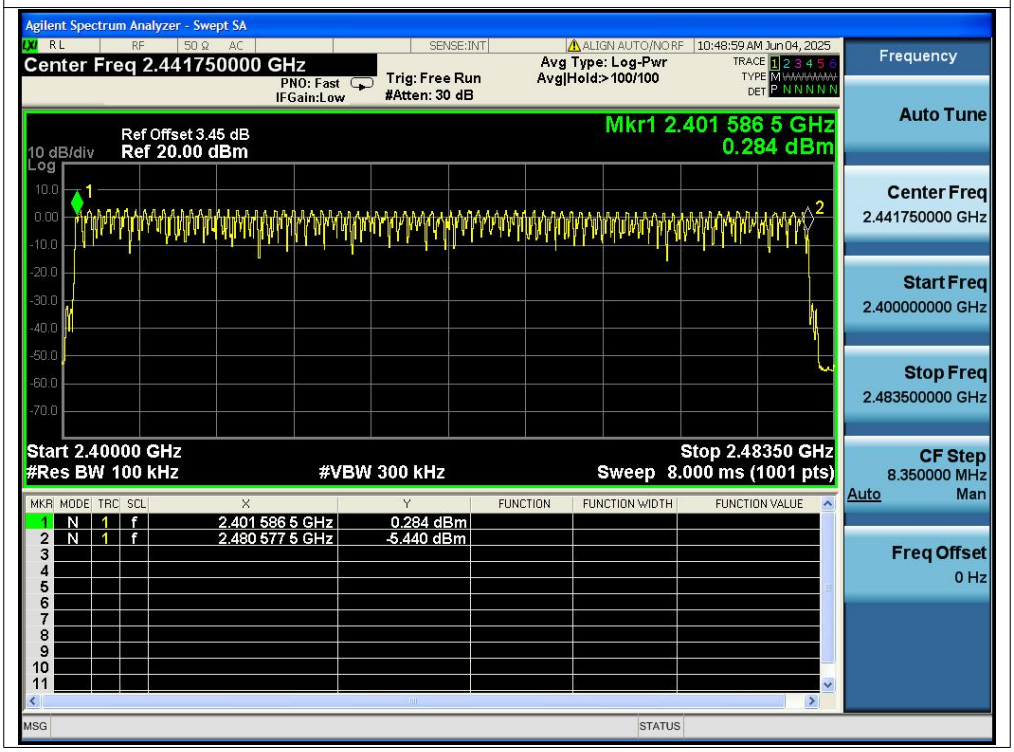
Hopping No. NVNT 1-DH5 2402MHz Ant1



Hopping No. NVNT 2-DH5 2402MHz Ant1



Hopping No. NVNT 3-DH5 2402MHz Ant1

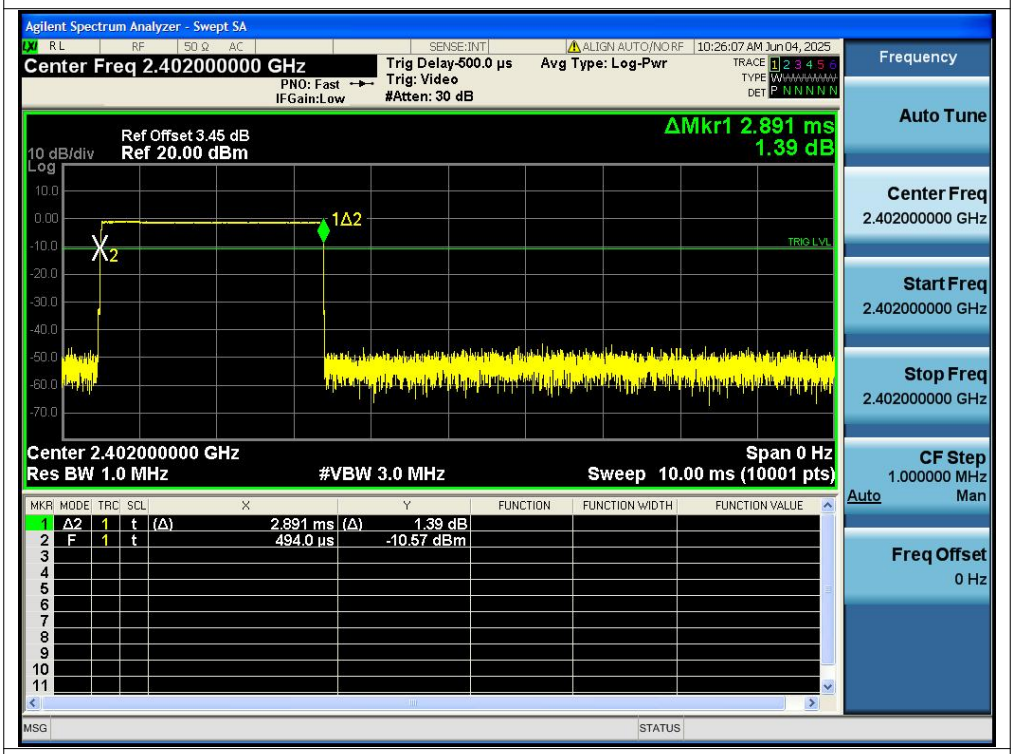


Dwell Time

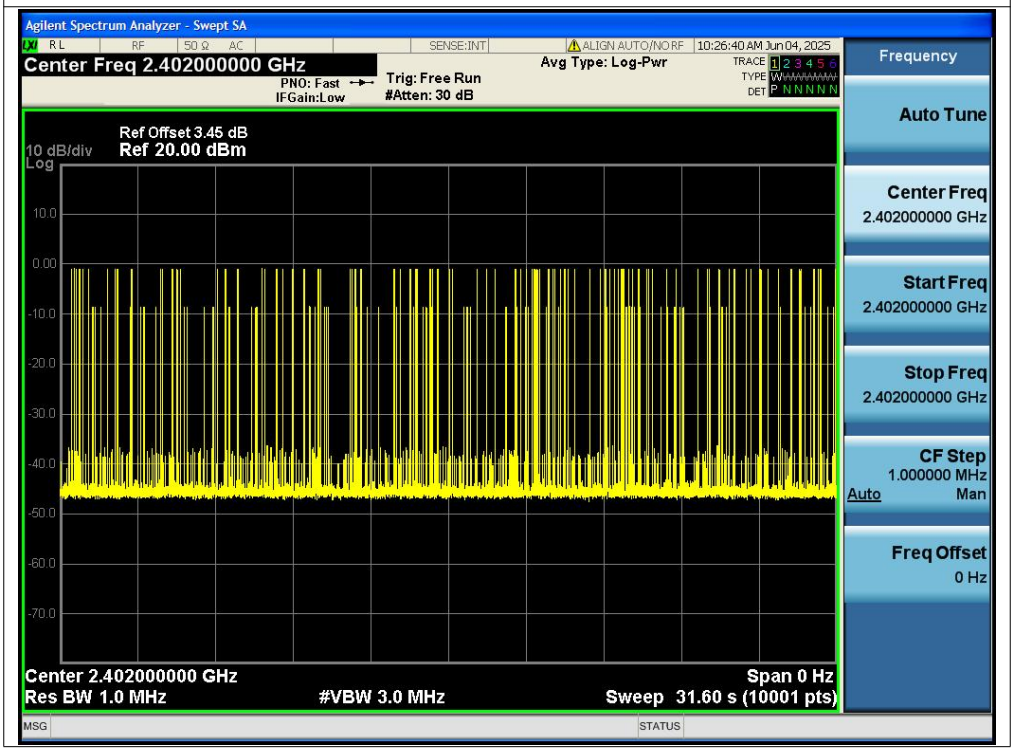
Condition	Mode	Frequency (MHz)	Antenna	Pulse Time (ms)	Total Dwell Time (ms)	Burst Count	Period Time (ms)	Limit (ms)	Verdict
NVNT	1-DH5	2402	Ant1	2.891	297.773	103	31600	400	Pass
NVNT	2-DH5	2402	Ant1	2.881	299.624	104	31600	400	Pass
NVNT	3-DH5	2402	Ant1	2.881	299.624	104	31600	400	Pass

Test Graphs

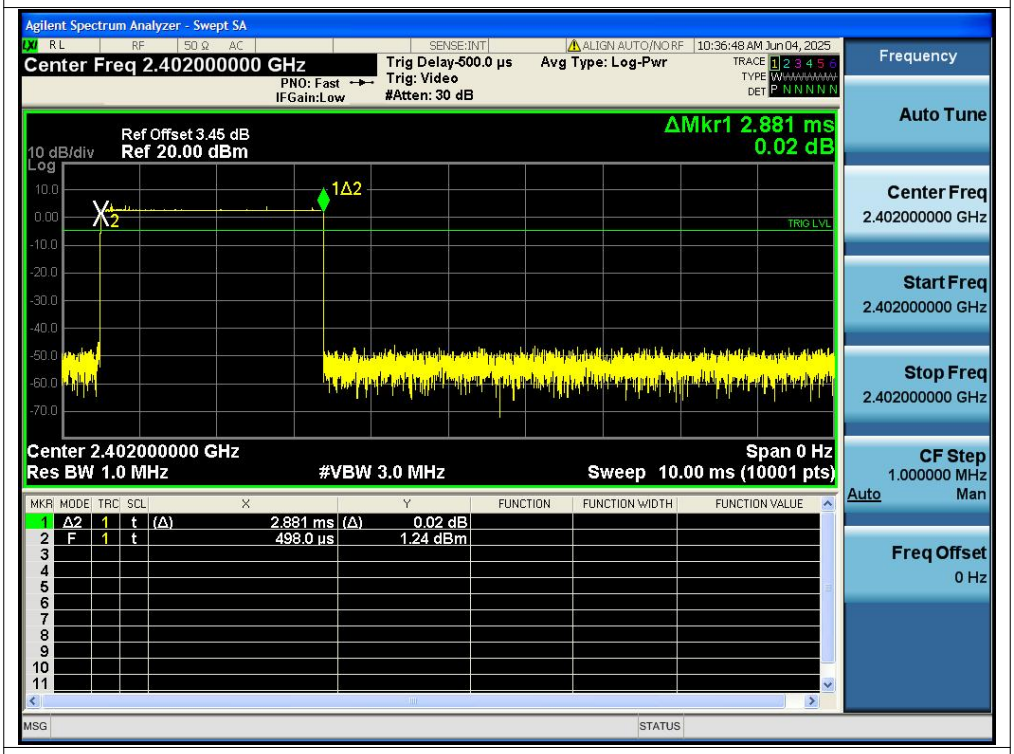
Dwell NVNT 1-DH5 2402MHz Ant1 One Burst



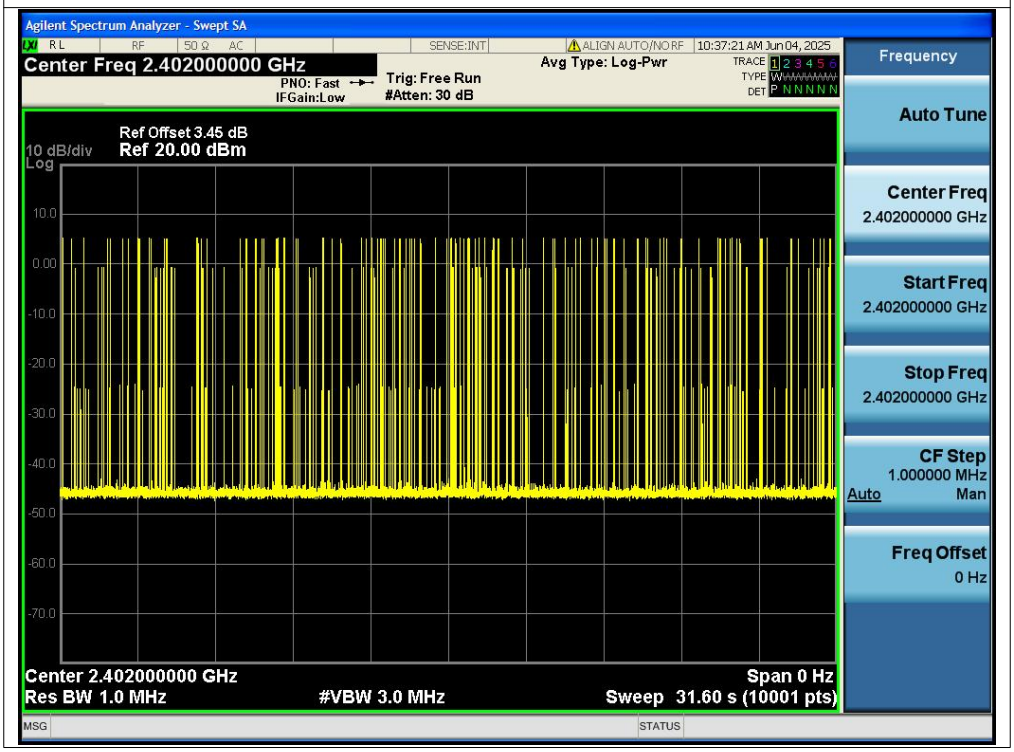
Dwell NVNT 1-DH5 2402MHz Ant1 Accumulated



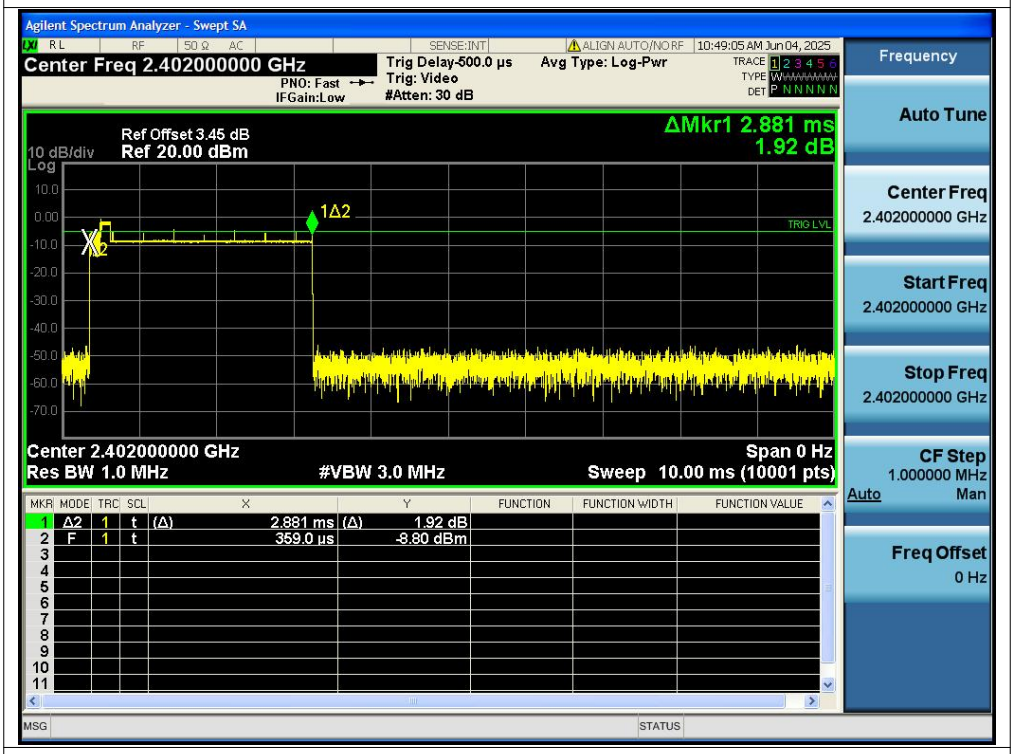
Dwell NVNT 2-DH5 2402MHz Ant1 One Burst



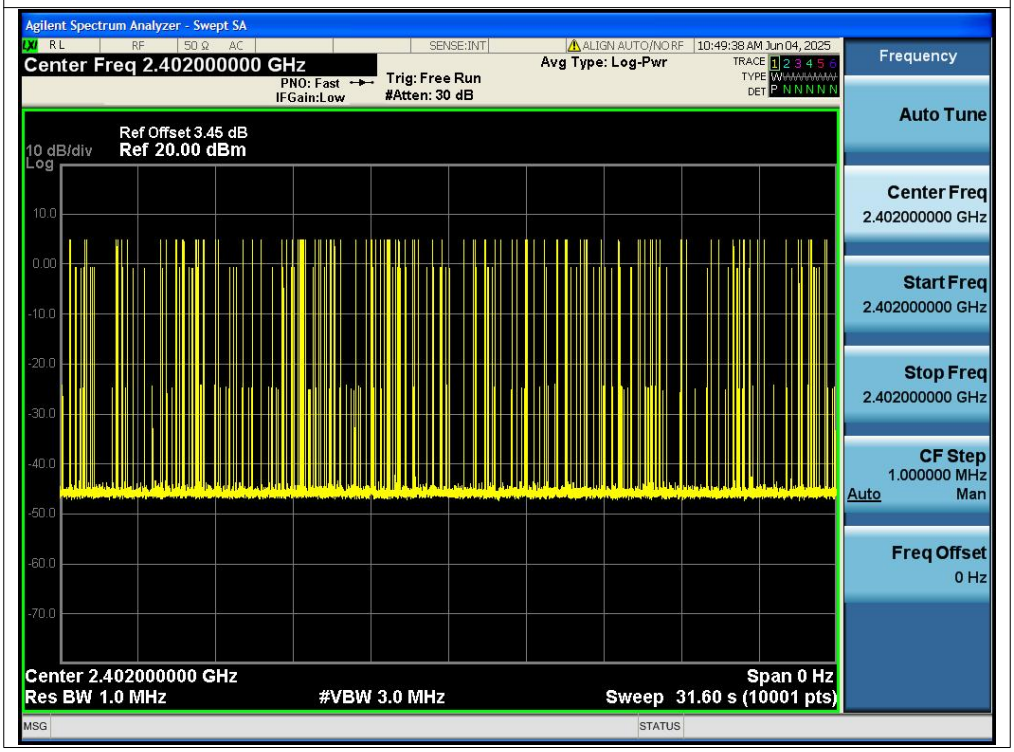
Dwell NVNT 2-DH5 2402MHz Ant1 Accumulated



Dwell NVNT 3-DH5 2402MHz Ant1 One Burst



Dwell NVNT 3-DH5 2402MHz Ant1 Accumulated

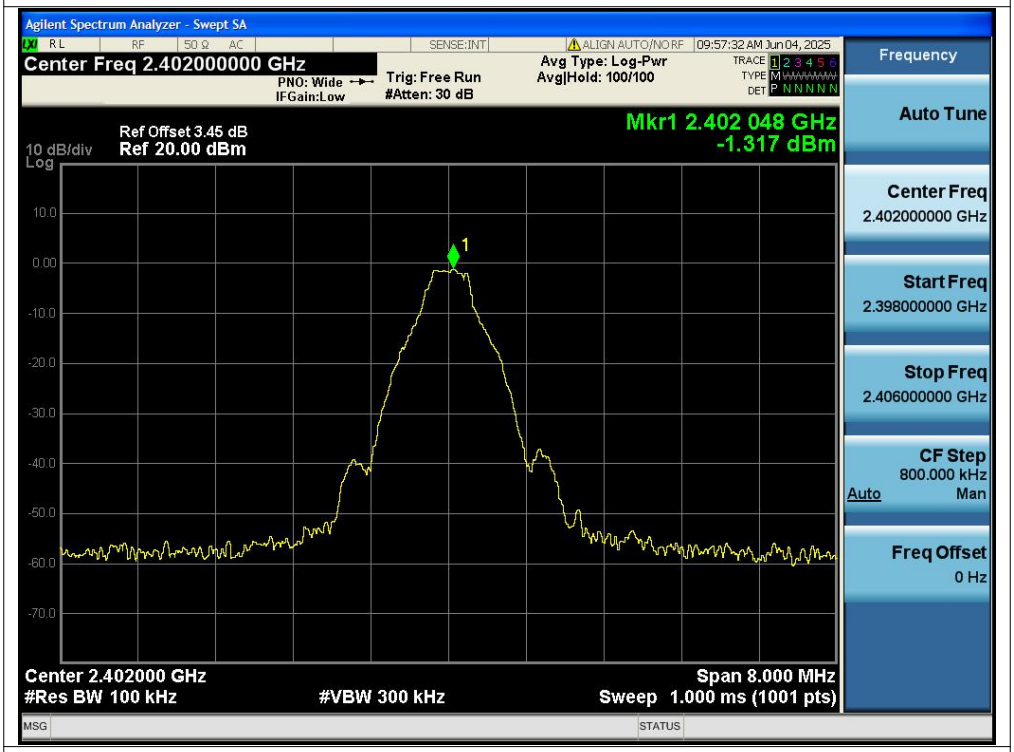
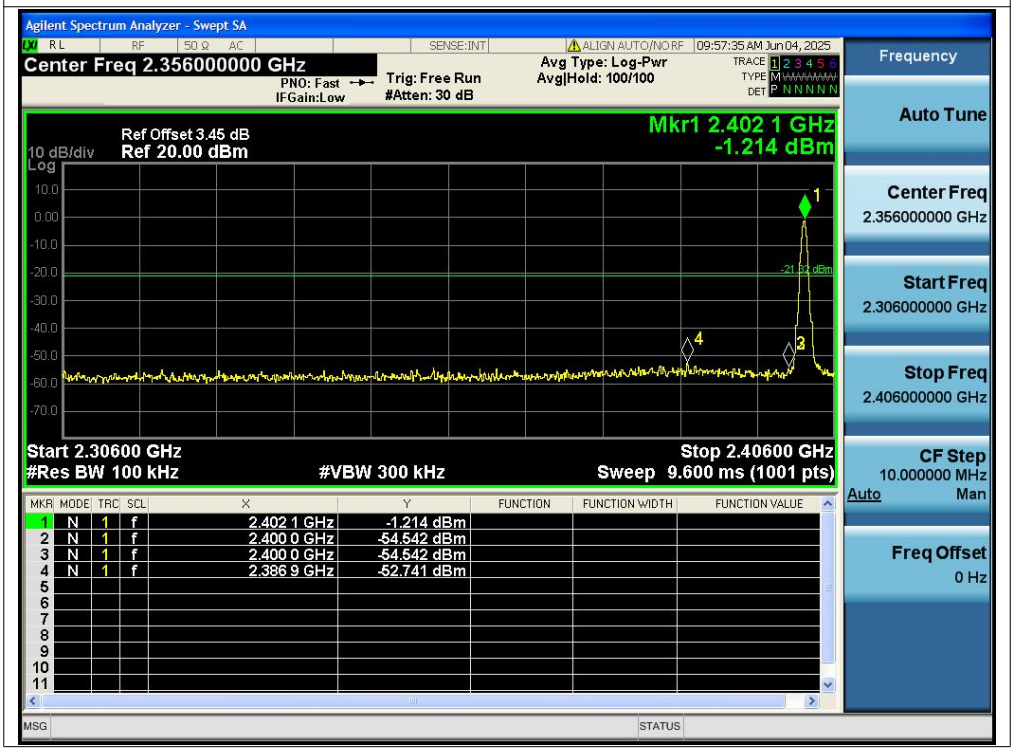


Band Edge

Condition	Mode	Frequency (MHz)	Antenna	Hopping Mode	Max Value (dBc)	Limit (dBc)	Verdict
NVNT	1-DH5	2402	Ant1	No-Hopping	-51.42	-20	Pass
NVNT	1-DH5	2480	Ant1	No-Hopping	-51.42	-20	Pass
NVNT	2-DH5	2402	Ant1	No-Hopping	-52.52	-20	Pass
NVNT	2-DH5	2480	Ant1	No-Hopping	-53.7	-20	Pass
NVNT	3-DH5	2402	Ant1	No-Hopping	-51.47	-20	Pass
NVNT	3-DH5	2480	Ant1	No-Hopping	-53.75	-20	Pass

Test Graphs

Band Edge NVNT 1-DH5 2402MHz Ant1 No-Hopping Ref



Band Edge NVNT 1-DH5 2402MHz Ant1 No-Hopping Emission