Appendix D_BR

Maximum Conducted Output Power

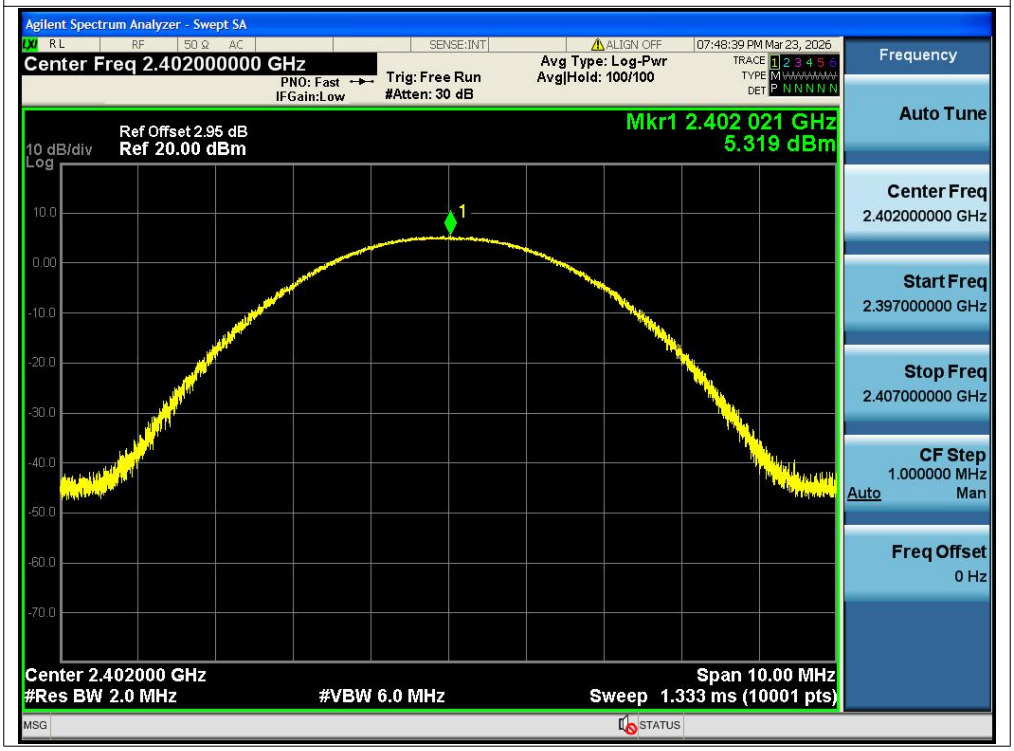
Condition	Mode	Frequency (MHz)	Antenna	Conducted Power (dBm)	Duty Factor (dB)	Total Power (dBm)	Limit (dBm)	Verdict
NVNT	1-DH5	2402	Ant1	5.9	0	5.9	21	Pass
NVNT	1-DH5	2441	Ant1	6.73	0	6.73	21	Pass
NVNT	1-DH5	2480	Ant1	6.99	0	6.99	21	Pass
NVNT	2-DH5	2402	Ant1	5.32	0	5.32	21	Pass
NVNT	2-DH5	2441	Ant1	6.04	0	6.04	21	Pass
NVNT	2-DH5	2480	Ant1	6.24	0	6.24	21	Pass
NVNT	3-DH5	2402	Ant1	5.45	0	5.45	21	Pass
NVNT	3-DH5	2441	Ant1	6.22	0	6.22	21	Pass
NVNT	3-DH5	2480	Ant1	6.4	0	6.4	21	Pass

Test Graphs
Power NVNT 1-DH5 2402MHz Ant1

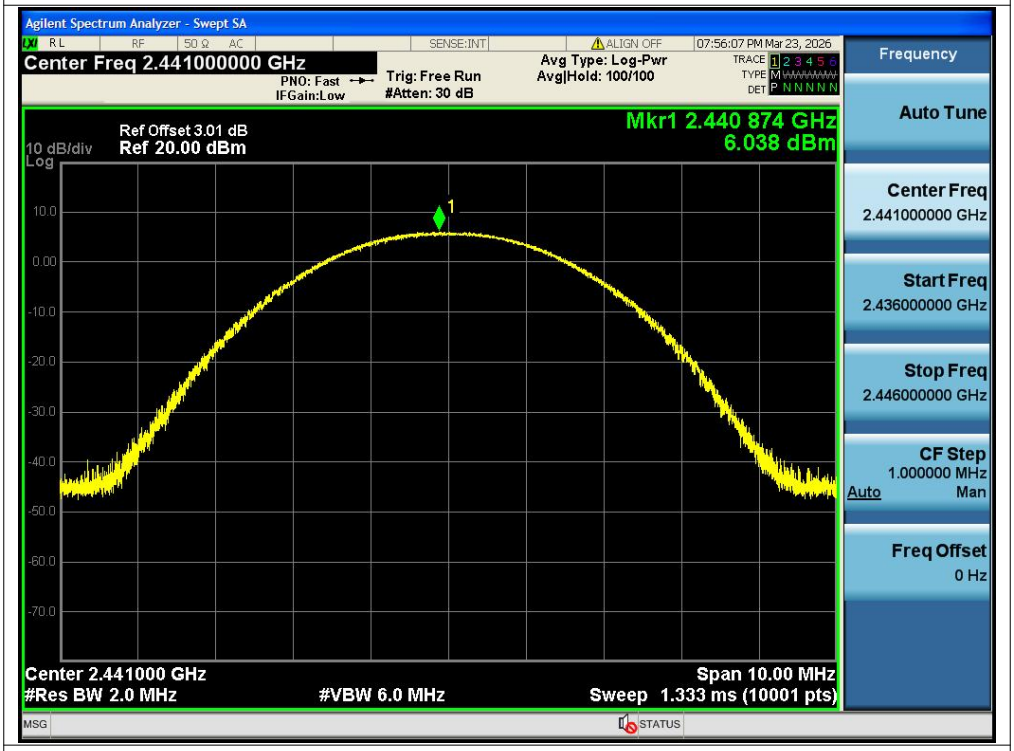
Power NVNT 1-DH5 2441MHz Ant1

Power NVNT 1-DH5 2480MHz Ant1

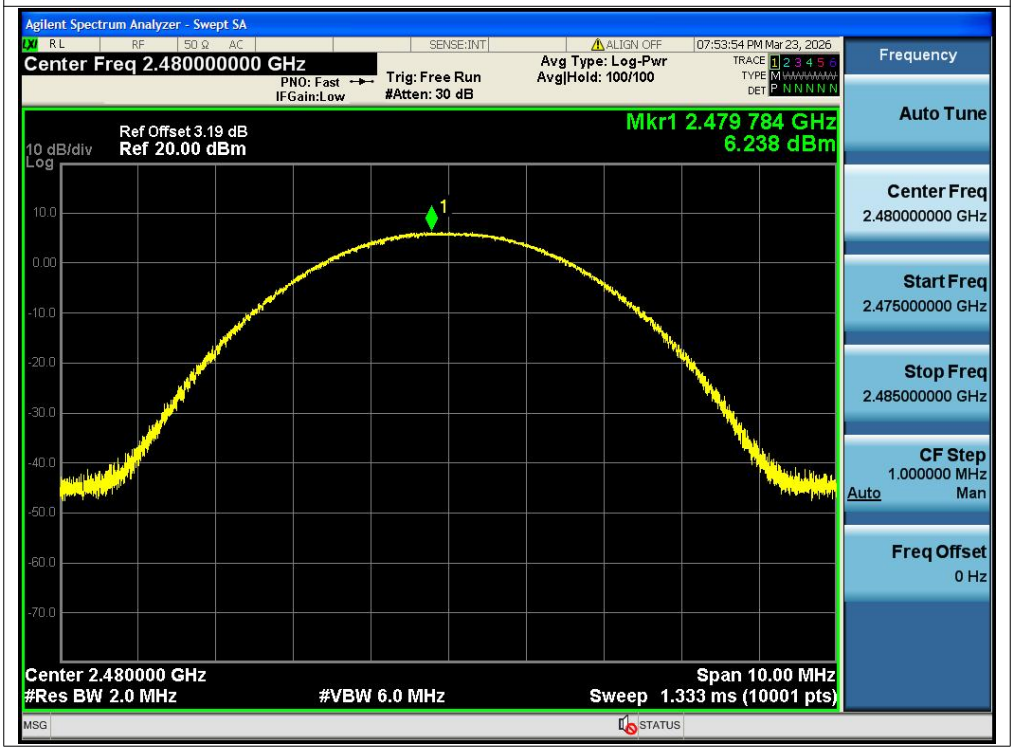
Power NVNT 2-DH5 2402MHz Ant1



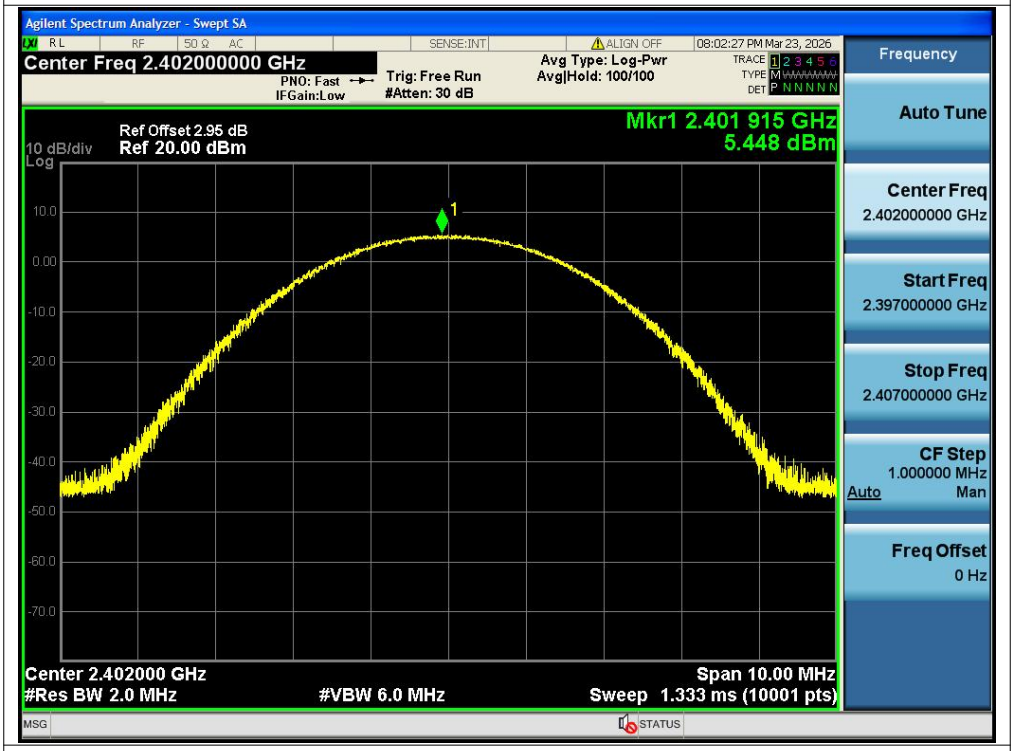
Power NVNT 2-DH5 2441MHz Ant1



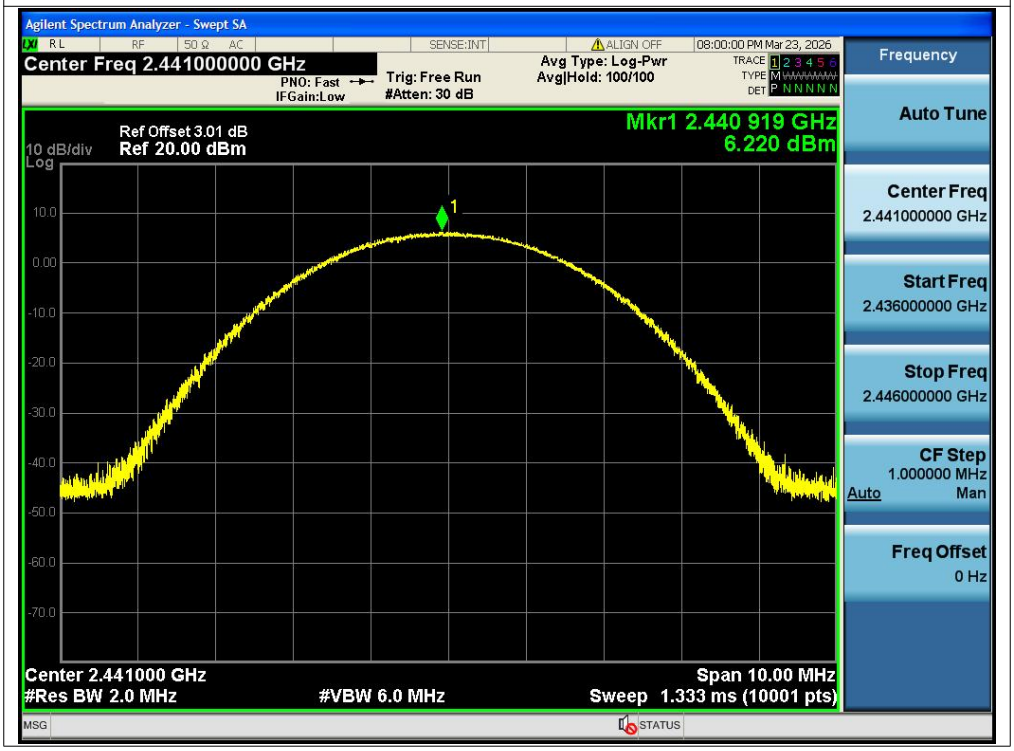
Power NVNT 2-DH5 2480MHz Ant1



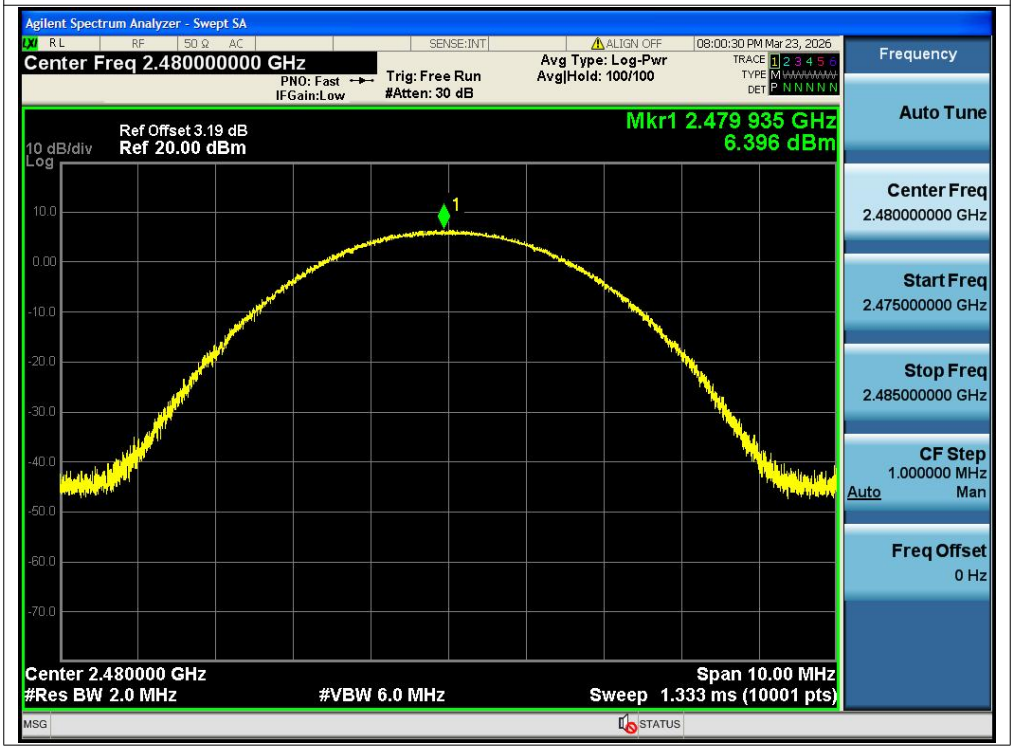
Power NVNT 3-DH5 2402MHz Ant1



Power NVNT 3-DH5 2441MHz Ant1



Power NVNT 3-DH5 2480MHz Ant1



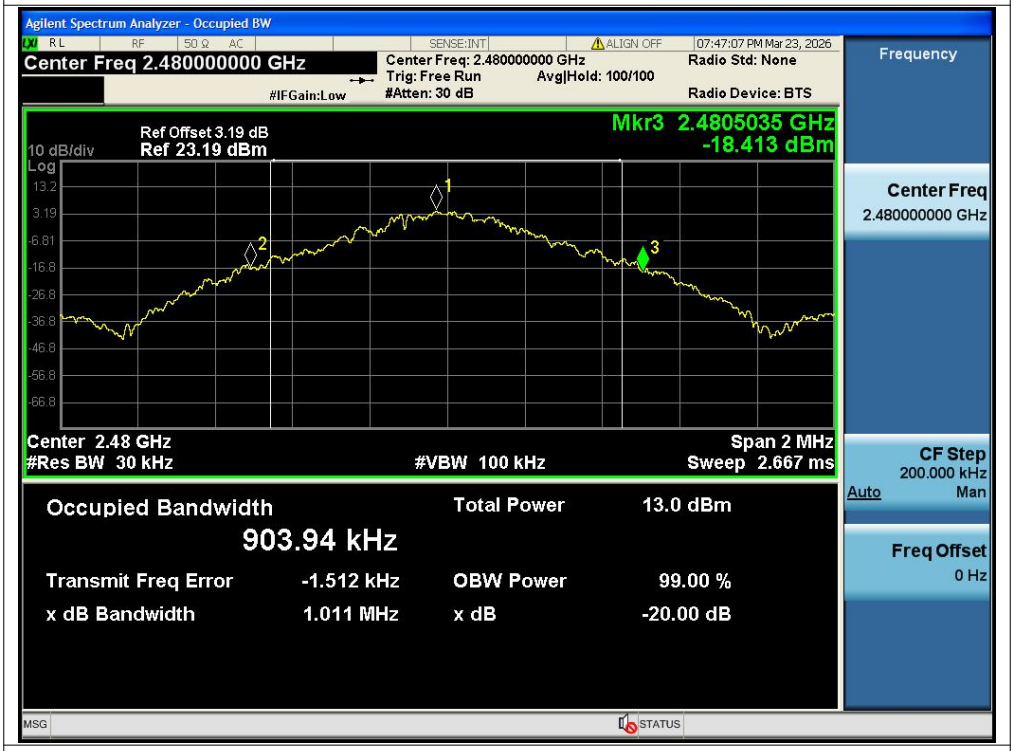
-20dB Bandwidth

Condition	Mode	Frequency (MHz)	Antenna	-20 dB Bandwidth (MHz)	Limit -20 dB Bandwidth (MHz)	Verdict
NVNT	1-DH5	2402	Ant1	1.026	0	Pass
NVNT	1-DH5	2441	Ant1	0.9652	0	Pass
NVNT	1-DH5	2480	Ant1	1.011	0	Pass
NVNT	2-DH5	2402	Ant1	1.328	0	Pass
NVNT	2-DH5	2441	Ant1	1.319	0	Pass
NVNT	2-DH5	2480	Ant1	1.331	0	Pass
NVNT	3-DH5	2402	Ant1	1.282	0	Pass
NVNT	3-DH5	2441	Ant1	1.287	0	Pass
NVNT	3-DH5	2480	Ant1	1.278	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



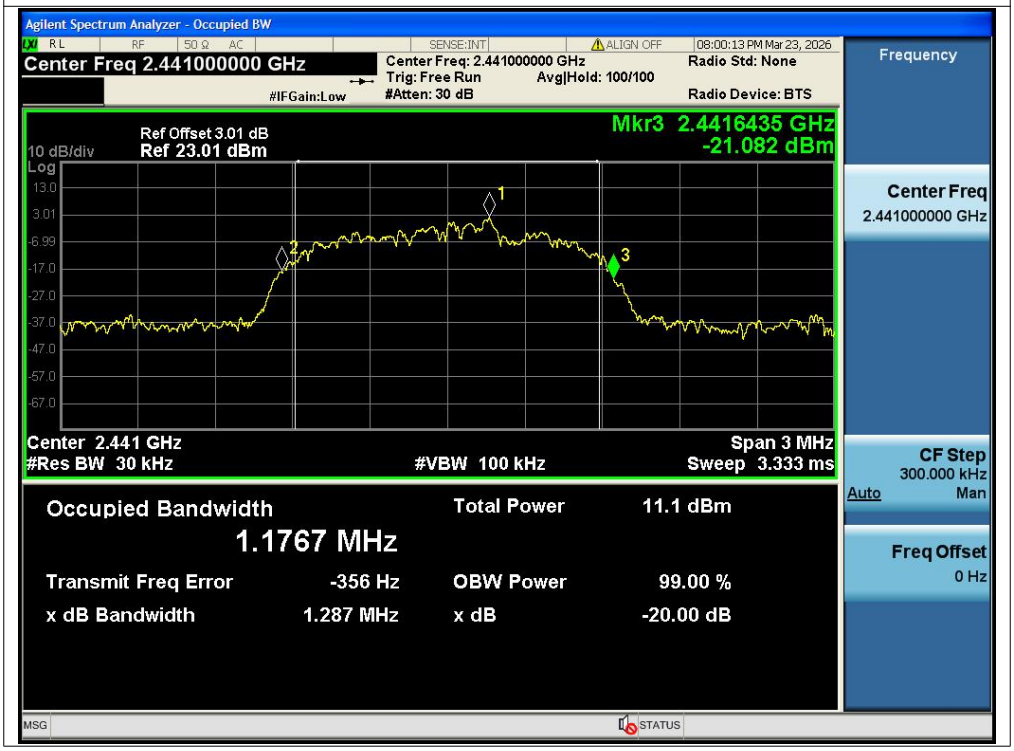
-20dB Bandwidth NVNT 2-DH5 2402MHz Ant1

-20dB Bandwidth NVNT 2-DH5 2441MHz Ant1

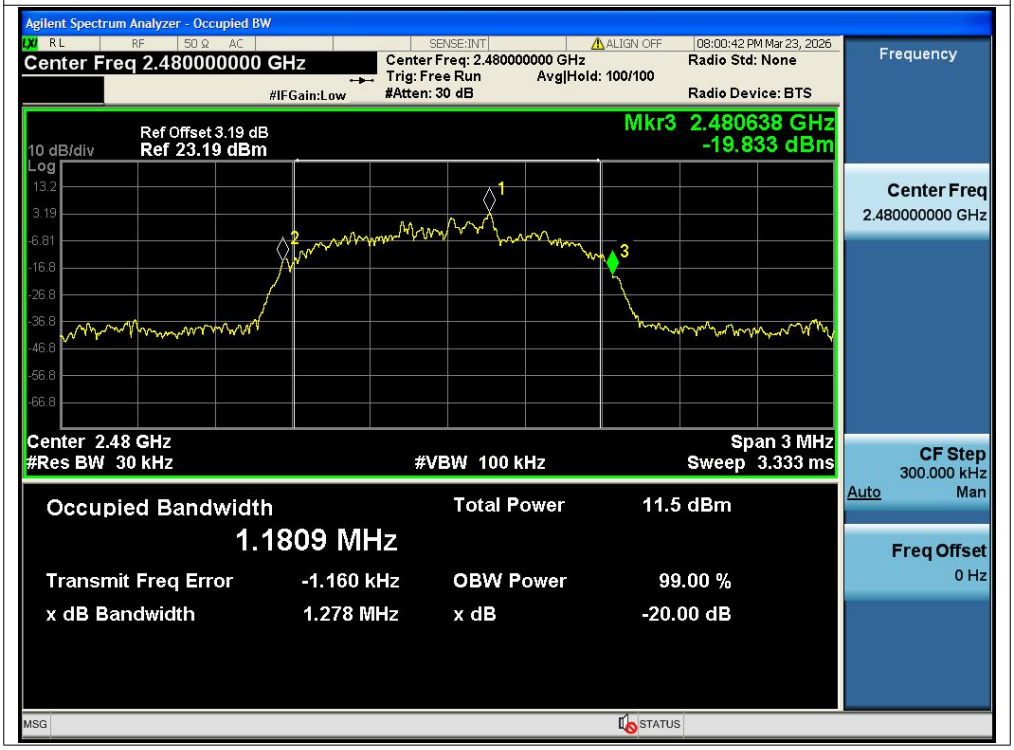
-20dB Bandwidth NVNT 2-DH5 2480MHz Ant1

-20dB Bandwidth NVNT 3-DH5 2402MHz Ant1

-20dB Bandwidth NVNT 3-DH5 2441MHz Ant1



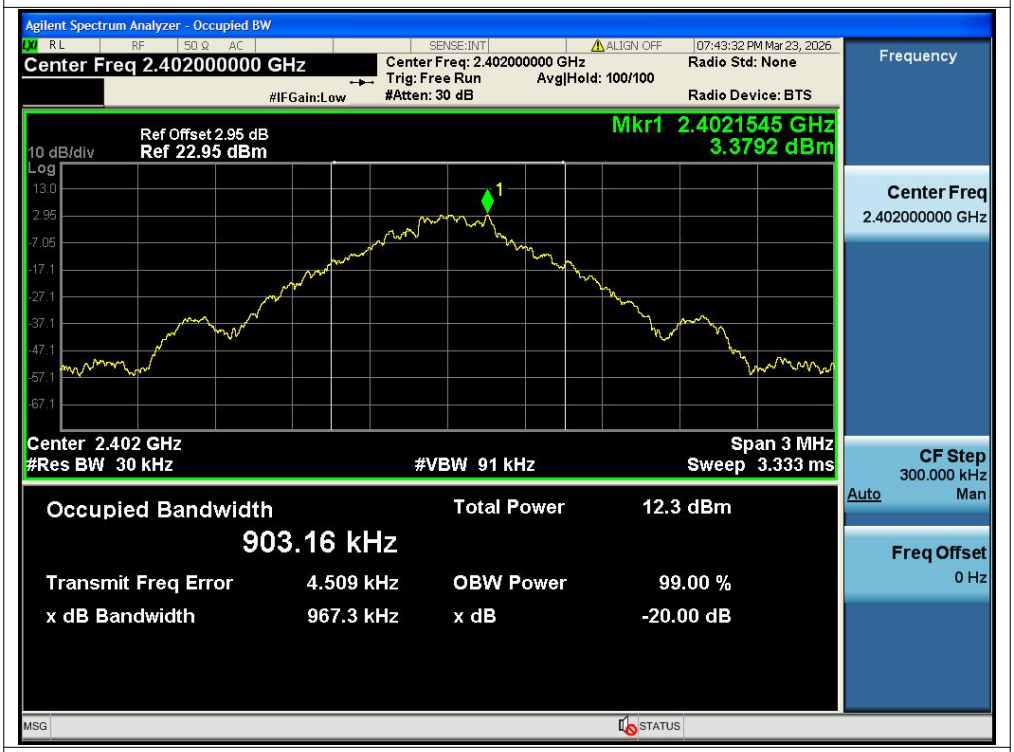
-20dB Bandwidth NVNT 3-DH5 2480MHz Ant1



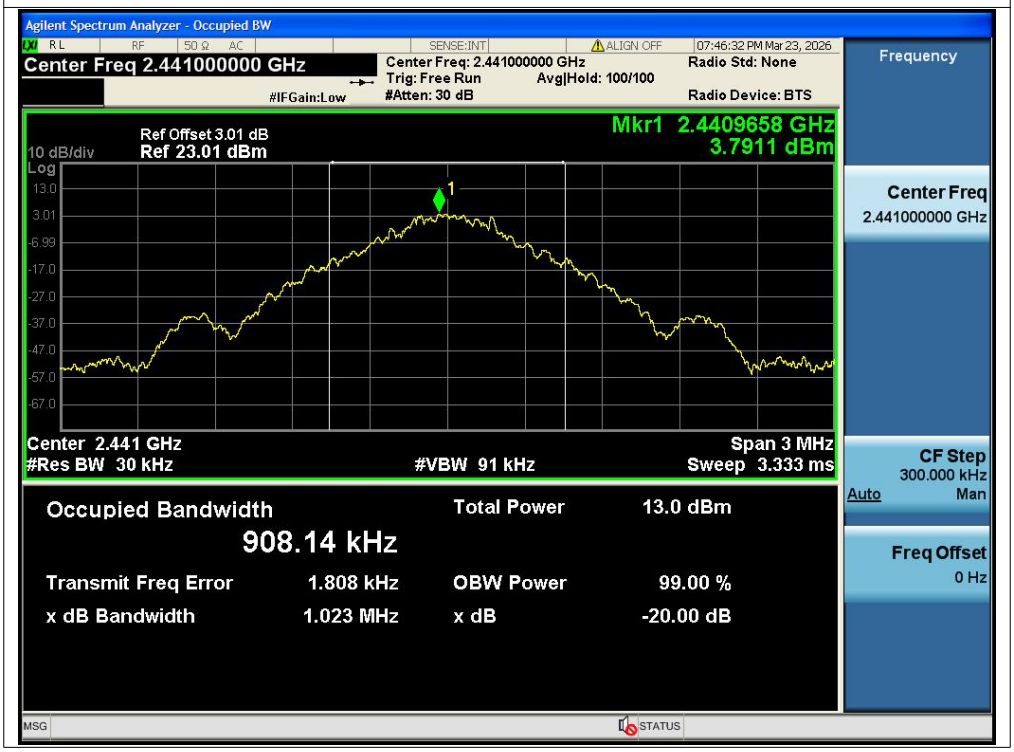
Occupied Channel Bandwidth

Condition	Mode	Frequency (MHz)	Antenna	99% OBW (MHz)
NVNT	1-DH5	2402	Ant1	0.90316
NVNT	1-DH5	2441	Ant1	0.90814
NVNT	1-DH5	2480	Ant1	0.88664
NVNT	2-DH5	2402	Ant1	1.1816
NVNT	2-DH5	2441	Ant1	1.183
NVNT	2-DH5	2480	Ant1	1.1728
NVNT	3-DH5	2402	Ant1	1.2009
NVNT	3-DH5	2441	Ant1	1.194
NVNT	3-DH5	2480	Ant1	1.1952

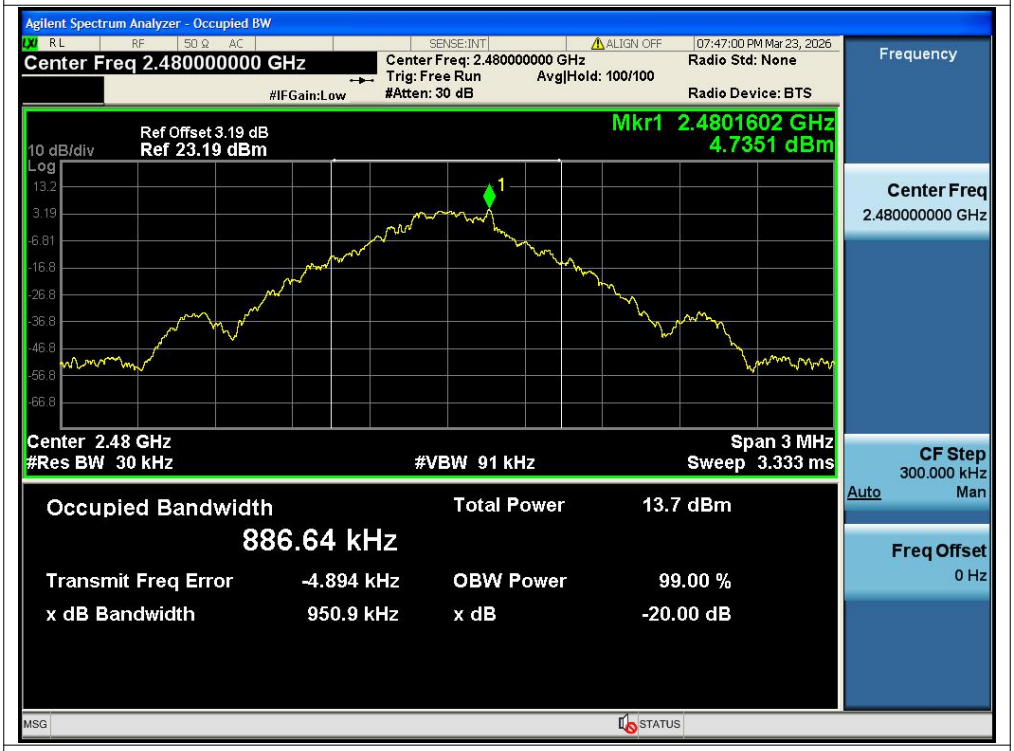
Test Graphs
OBW NVNT 1-DH5 2402MHz Ant1



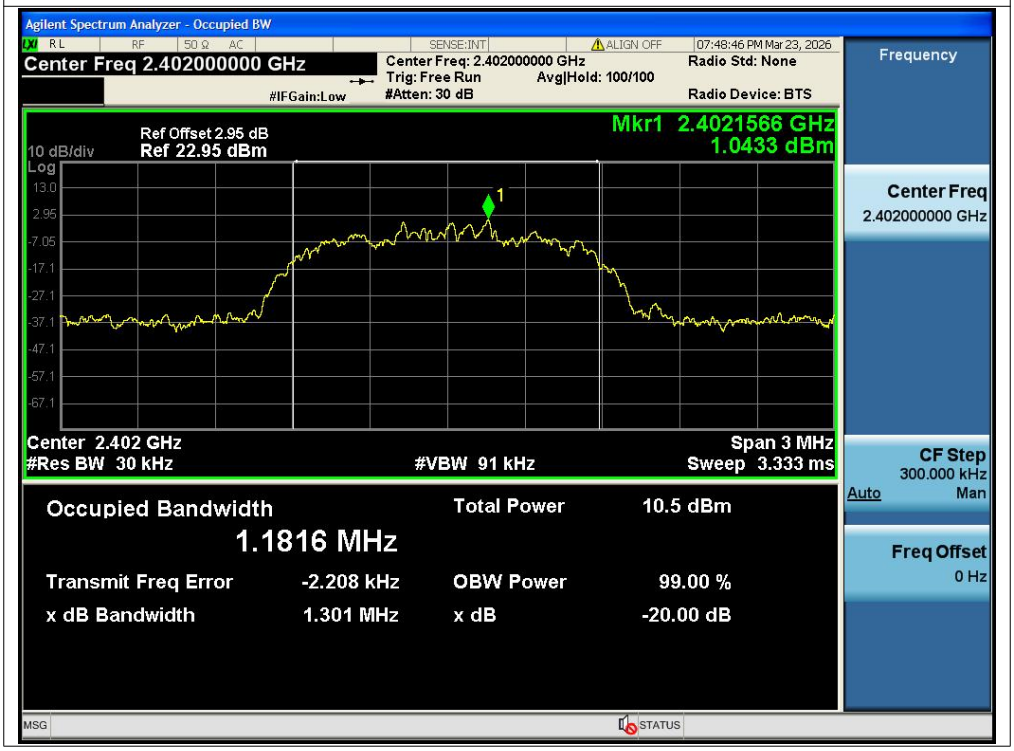
OBW NVNT 1-DH5 2441MHz Ant1



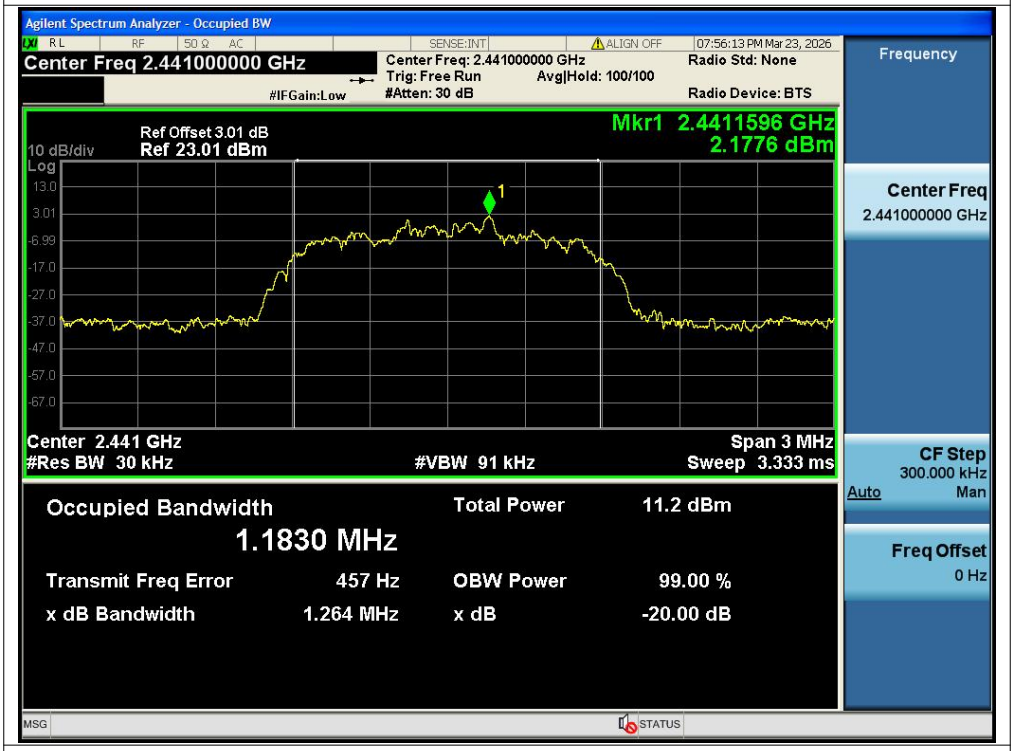
OBW NVNT 1-DH5 2480MHz Ant1



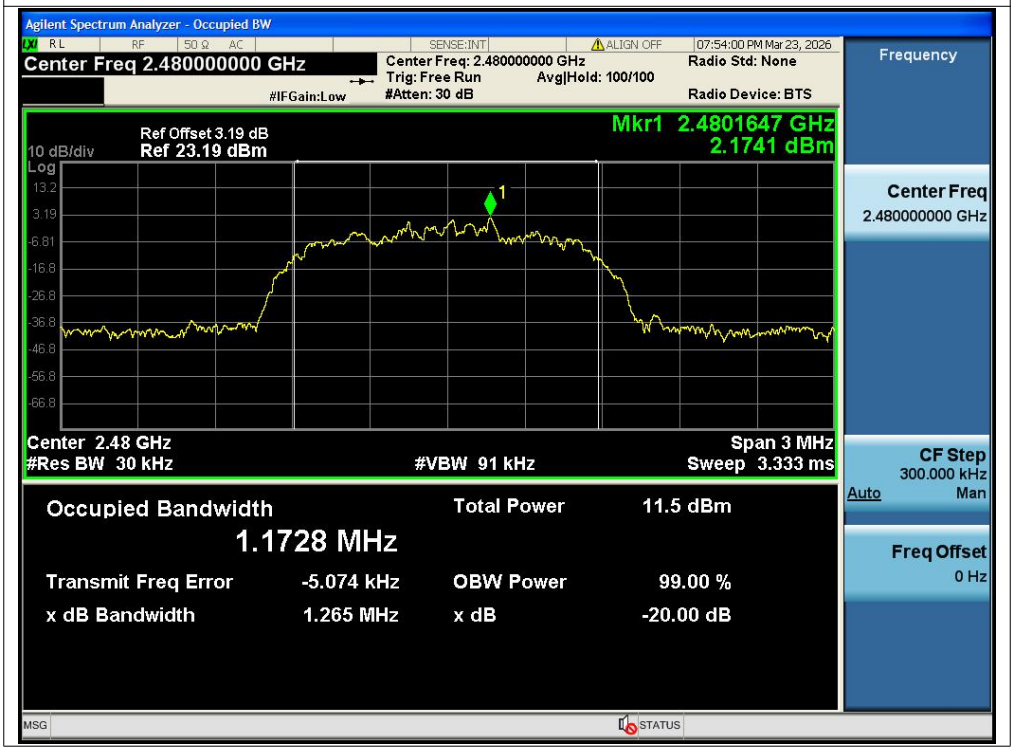
OBW NVNT 2-DH5 2402MHz Ant1



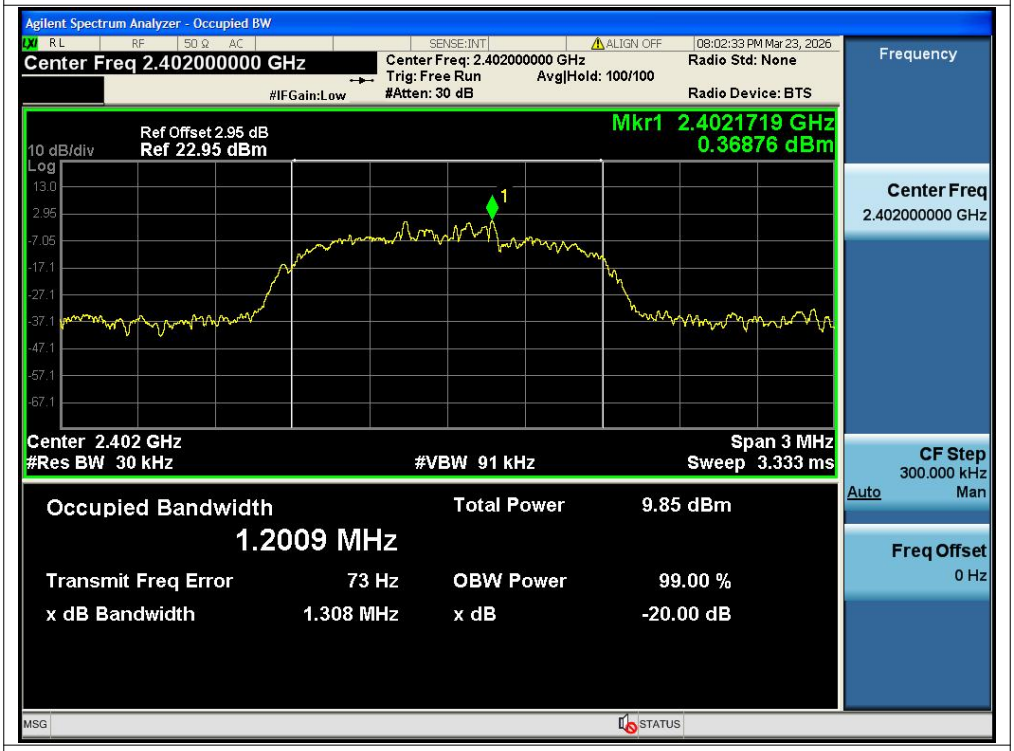
OBW NVNT 2-DH5 2441MHz Ant1



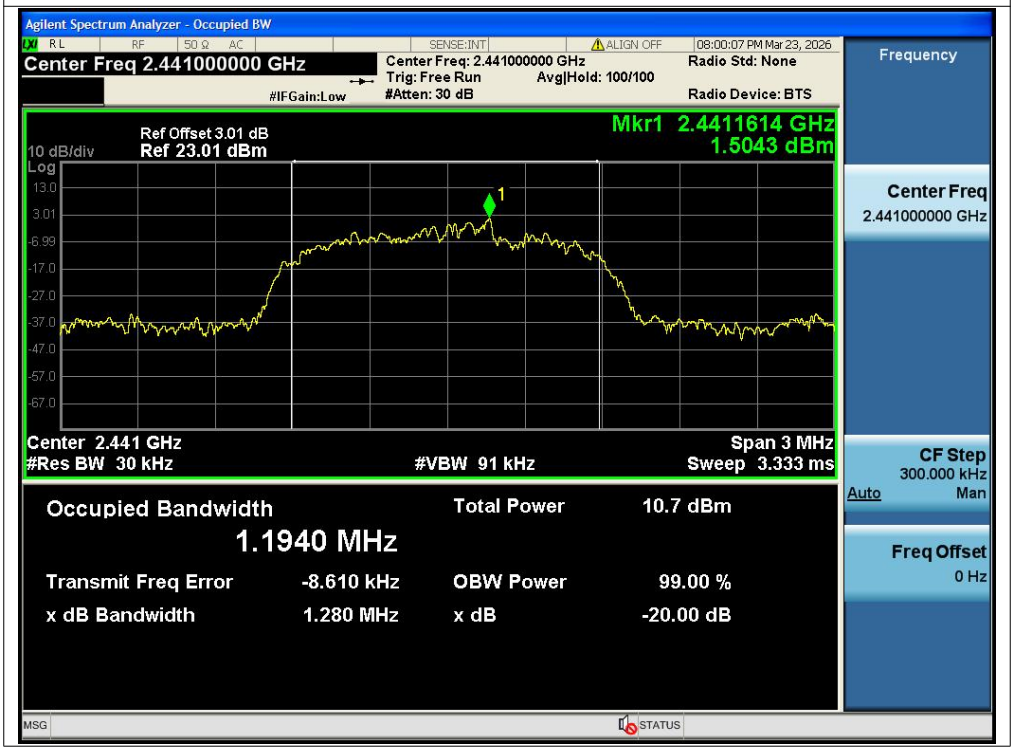
OBW NVNT 2-DH5 2480MHz Ant1



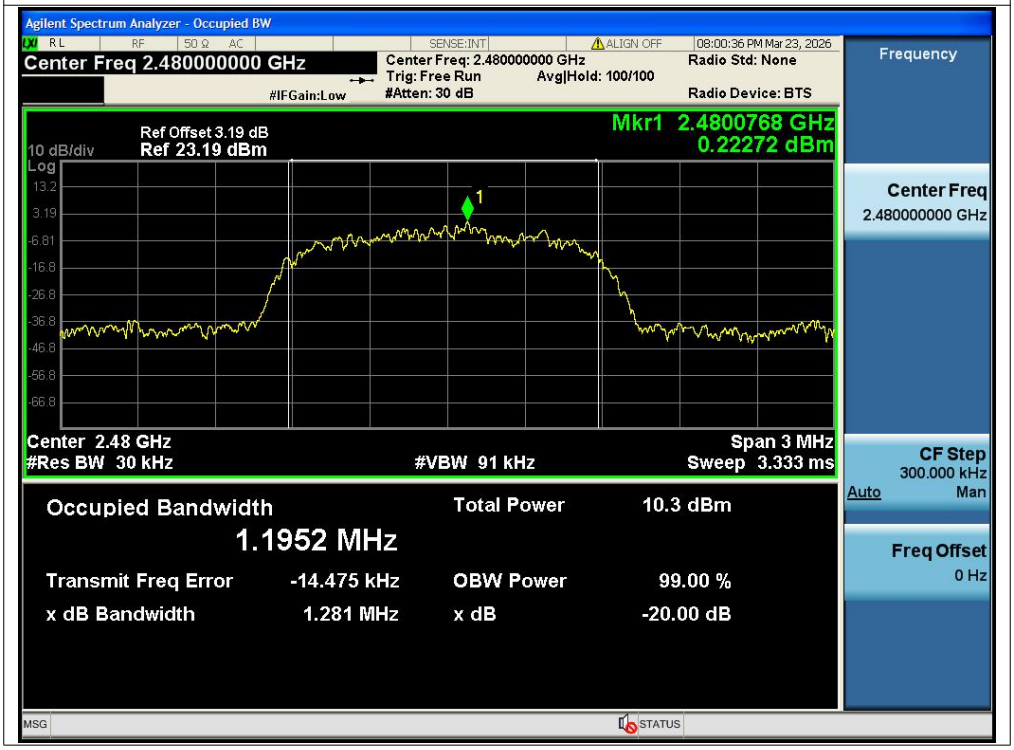
OBW NVNT 3-DH5 2402MHz Ant1



OBW NVNT 3-DH5 2441MHz Ant1



OBW NVNT 3-DH5 2480MHz Ant1



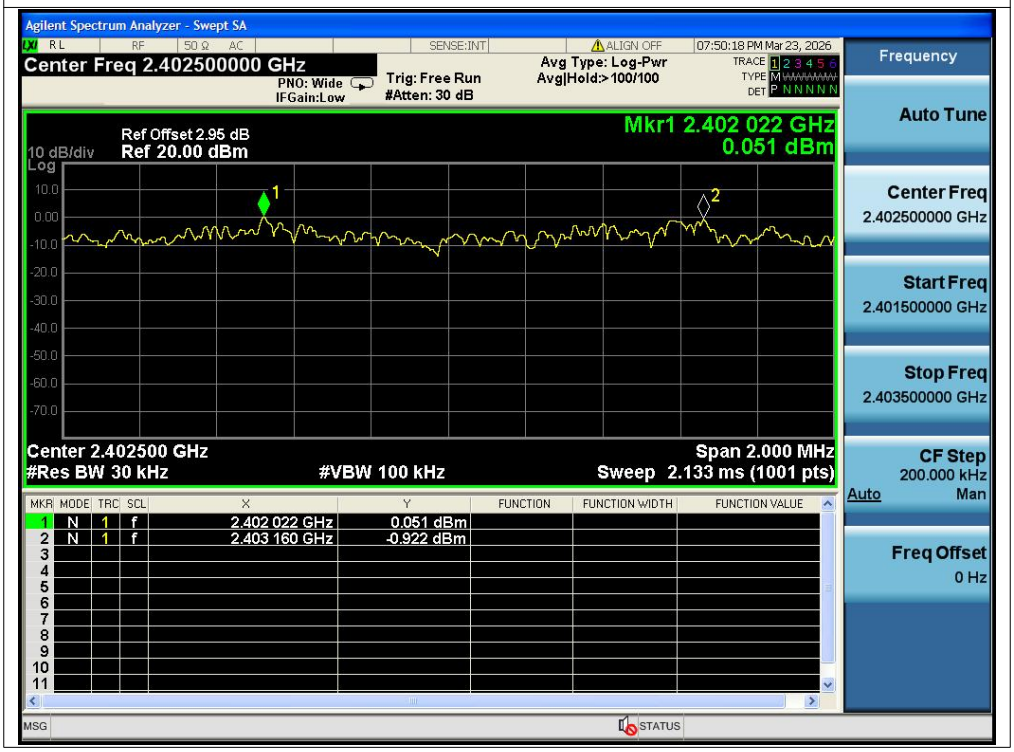
Carrier Frequencies Separation

Condition	Mode	Antenna	Hopping Freq1 (MHz)	Hopping Freq2 (MHz)	HFS (MHz)	Limit (MHz)	Verdict
NVNT	1-DH5	Ant1	2401.986	2402.972	0.986	0.684	Pass
NVNT	2-DH5	Ant1	2402.022	2403.16	1.138	0.885	Pass
NVNT	3-DH5	Ant1	2401.95	2402.908	0.958	0.858	Pass

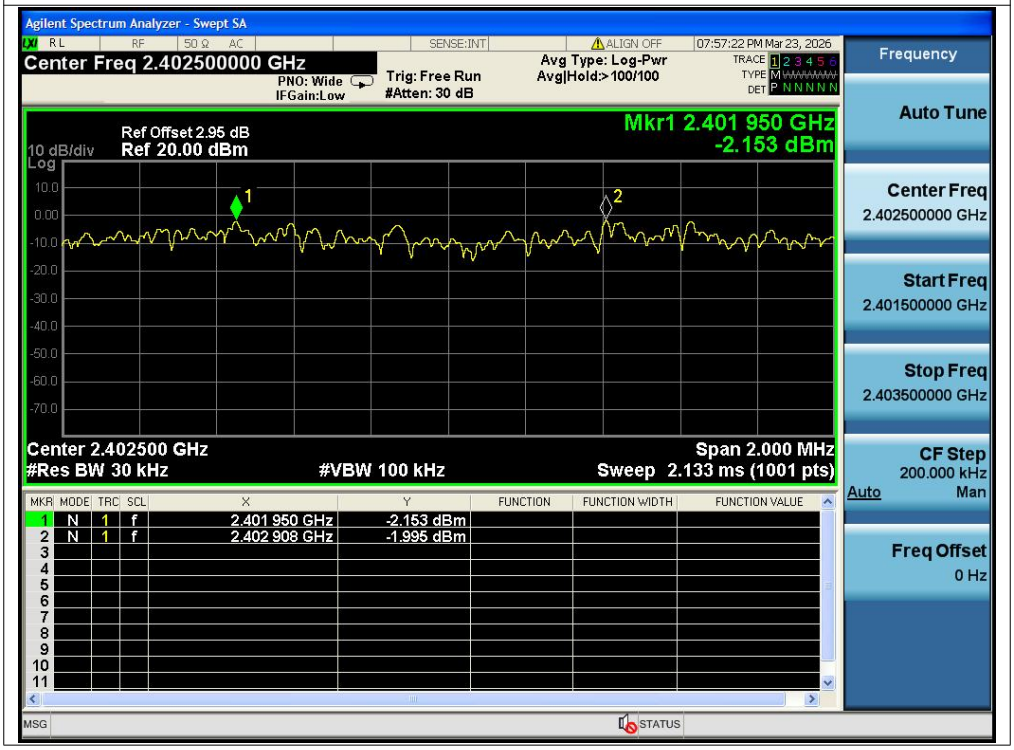
Test Graphs

CFS NVNT 1-DH5 2402MHz Ant1

CFS NVNT 2-DH5 2402MHz Ant1



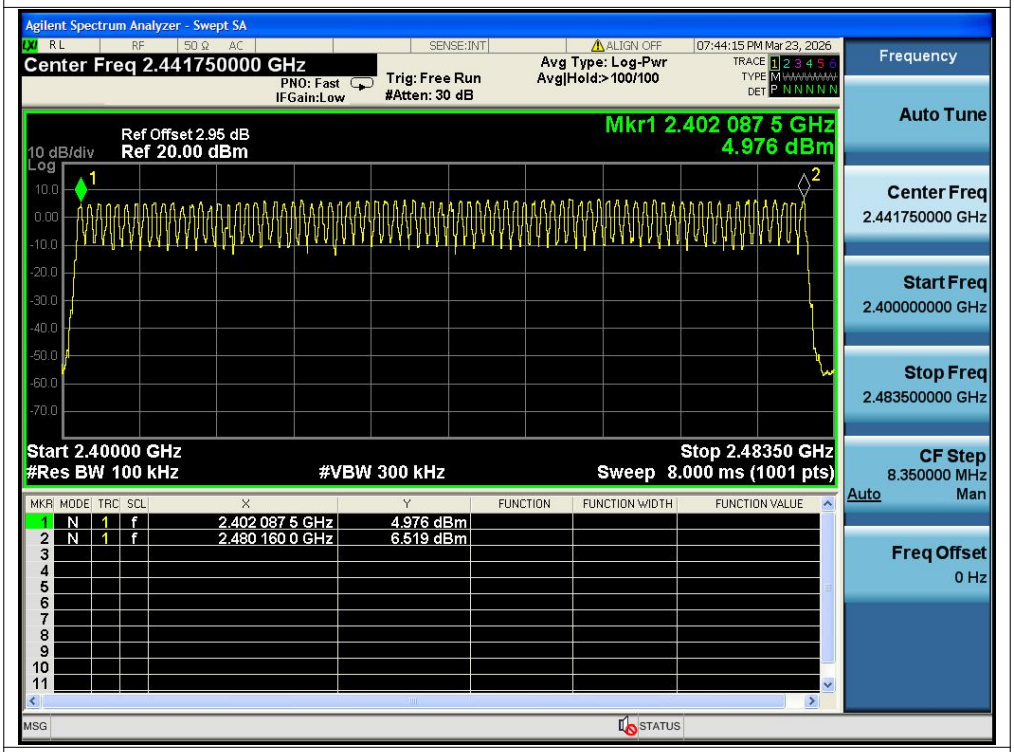
CFS NVNT 3-DH5 2402MHz Ant1



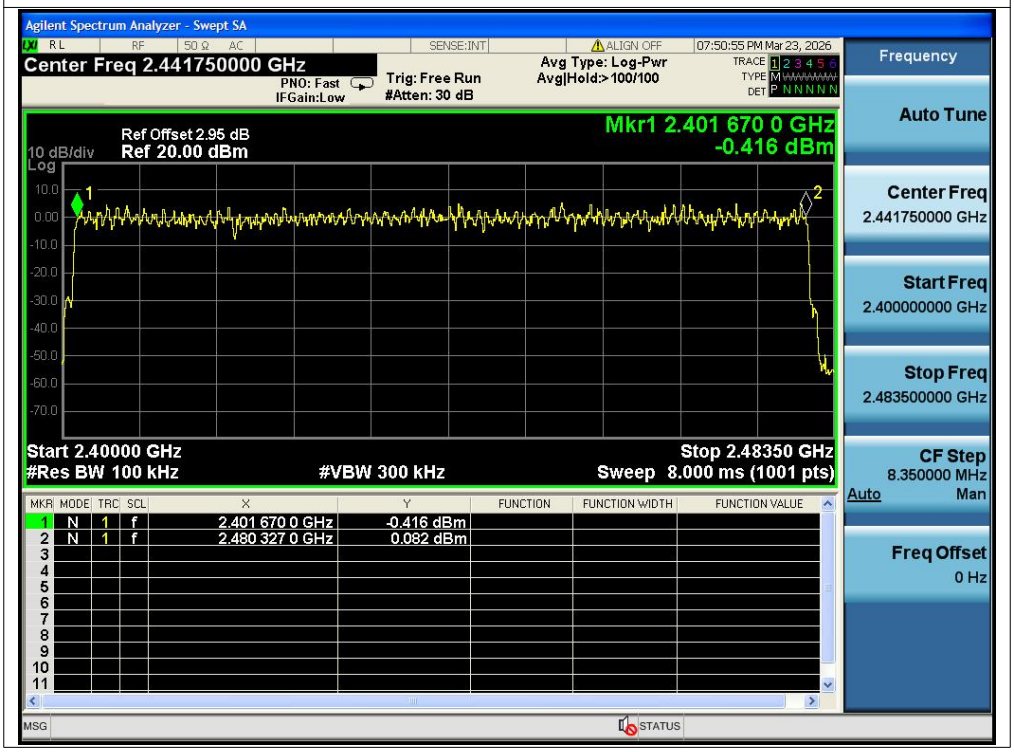
Number of Hopping Channel

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

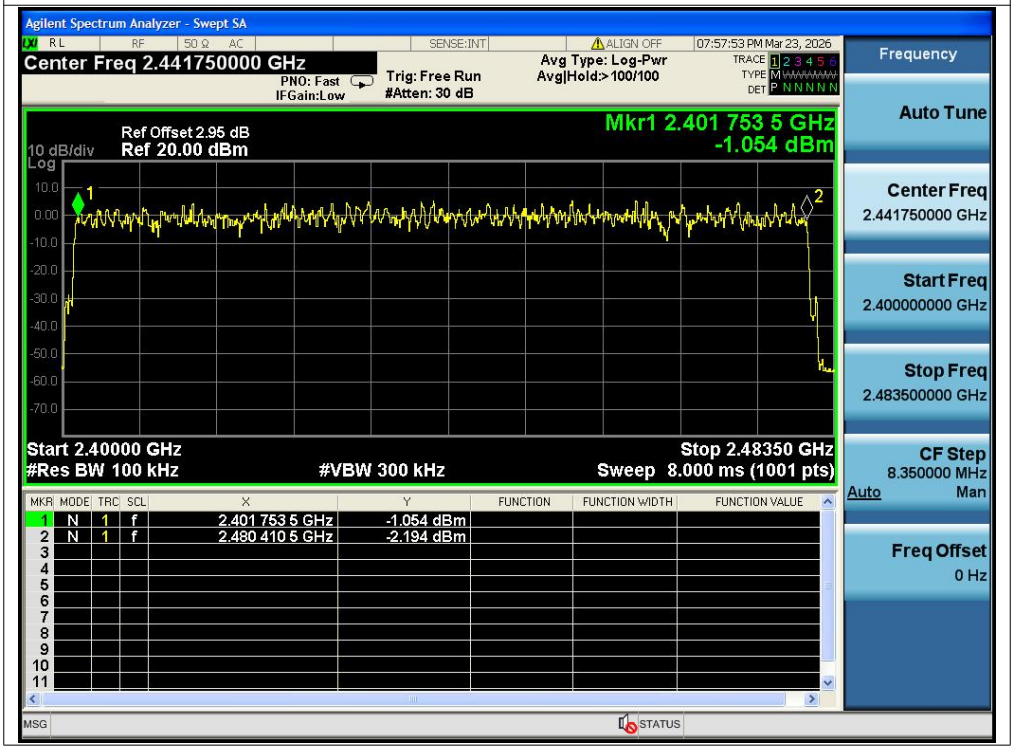
Test Graphs
Hopping No. NVNT 1-DH5 2402MHz Ant1



Hopping No. NVNT 2-DH5 2402MHz Ant1



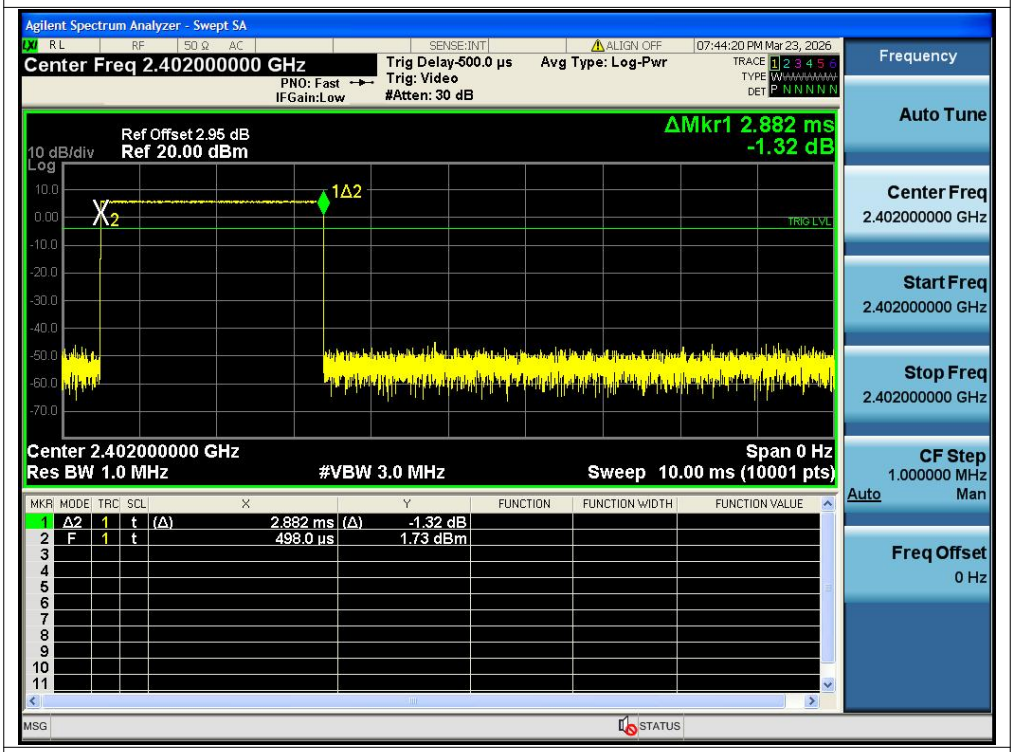
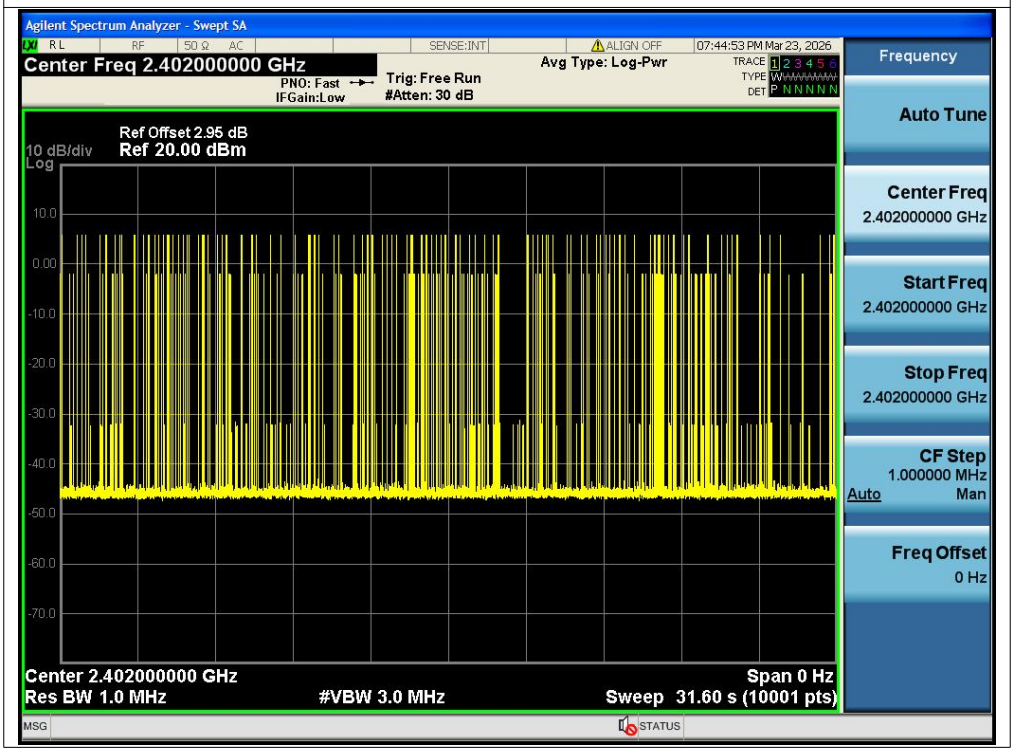
Hopping No. NVNT 3-DH5 2402MHz Ant1



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	2.882	340.076	118	31600	400	Pass
NVNT	2-DH5	2402	Ant1	1.525	169.275	111	31600	400	Pass
NVNT	3-DH5	2402	Ant1	1.067	126.973	119	31600	400	Pass

Test Graphs
Dwell NVNT 1-DH5 2402MHz Ant1 One Burst



Dwell NVNT 1-DH5 2402MHz Ant1 Accumulated