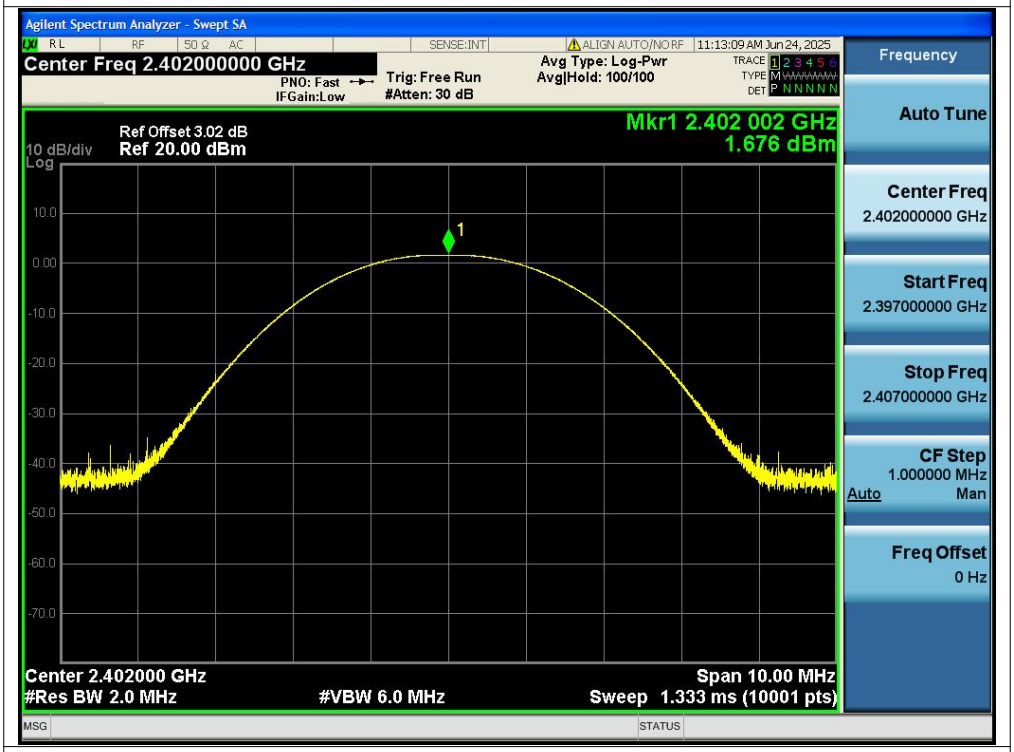
Appendix B BR

Maximum Conducted Output Power

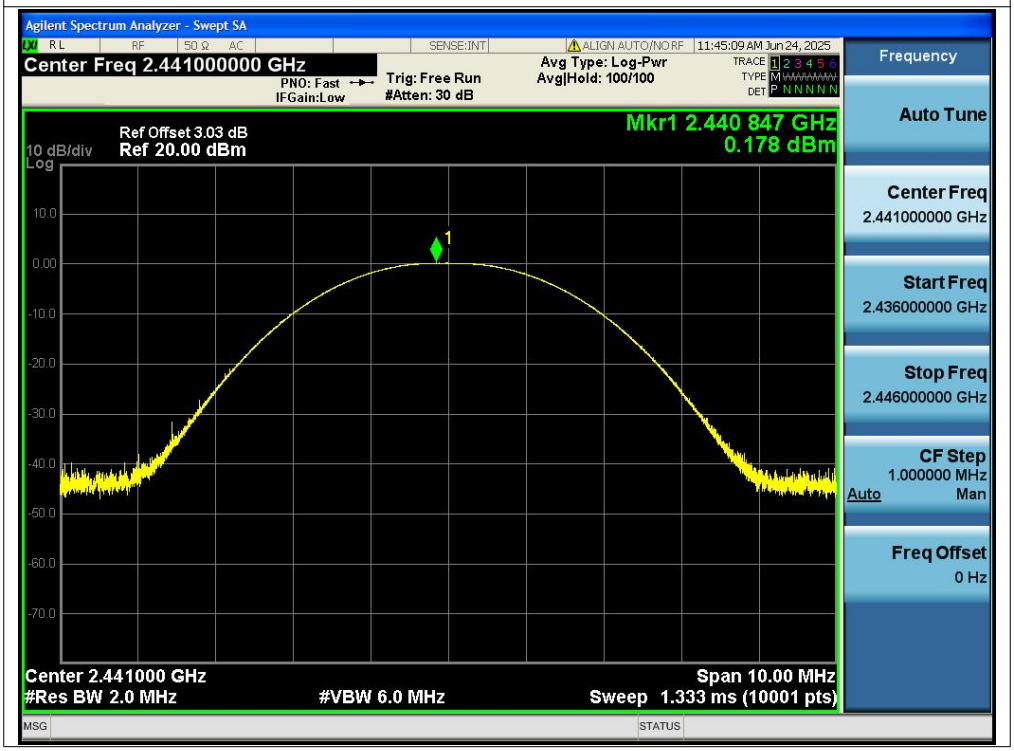
Condition	Mode	Frequency (MHz)	Antenna	Conducted Power (dBm)	Total Power (dBm)	Limit (dBm)	Verdict
NVNT	1-DH5	2402	Ant1	1.68	1.68	21	Pass
NVNT	1-DH5	2441	Ant1	0.18	0.18	21	Pass
NVNT	1-DH5	2480	Ant1	0.27	0.27	21	Pass
NVNT	2-DH5	2402	Ant1	3.85	3.85	21	Pass
NVNT	2-DH5	2441	Ant1	2.45	2.45	21	Pass
NVNT	2-DH5	2480	Ant1	2.4	2.4	21	Pass
NVNT	3-DH5	2402	Ant1	4.56	4.56	21	Pass
NVNT	3-DH5	2441	Ant1	3	3	21	Pass
NVNT	3-DH5	2480	Ant1	3	3	21	Pass

Test Graphs

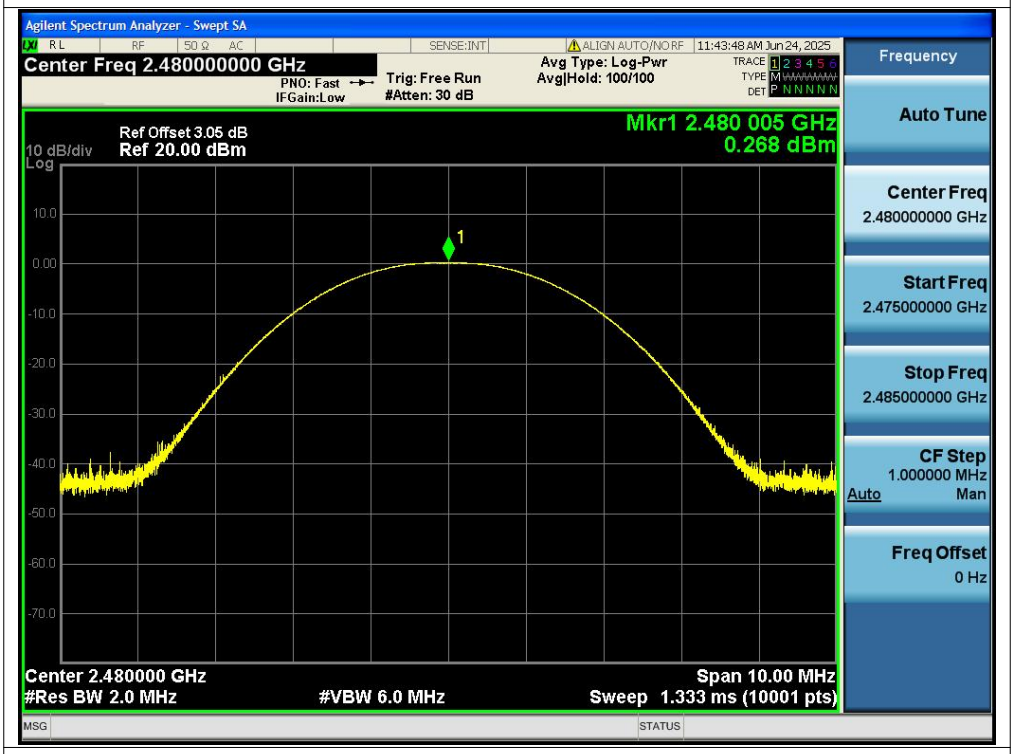
Power NVNT 1-DH5 2402MHz Ant1



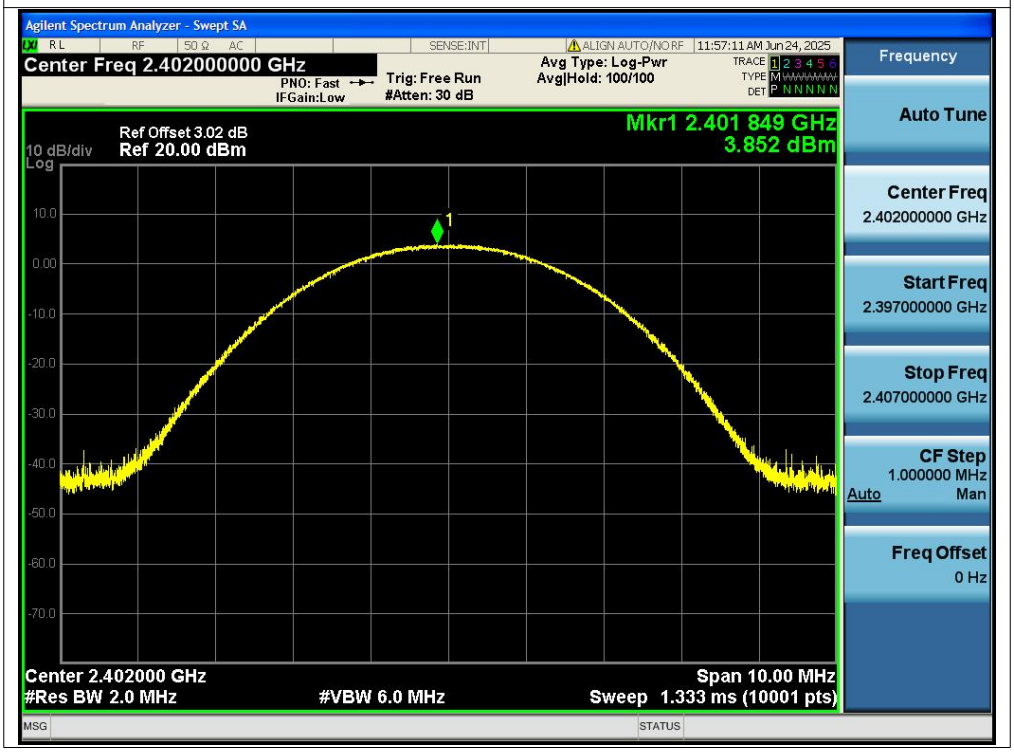
Power NVNT 1-DH5 2441MHz Ant1



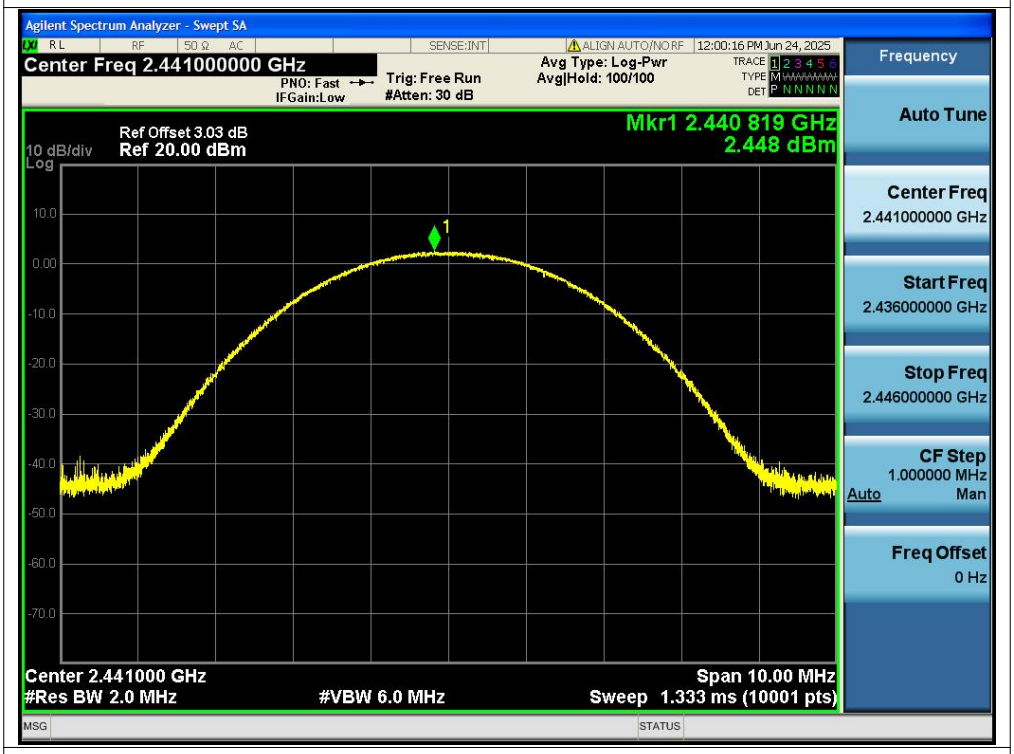
Power NVNT 1-DH5 2480MHz Ant1



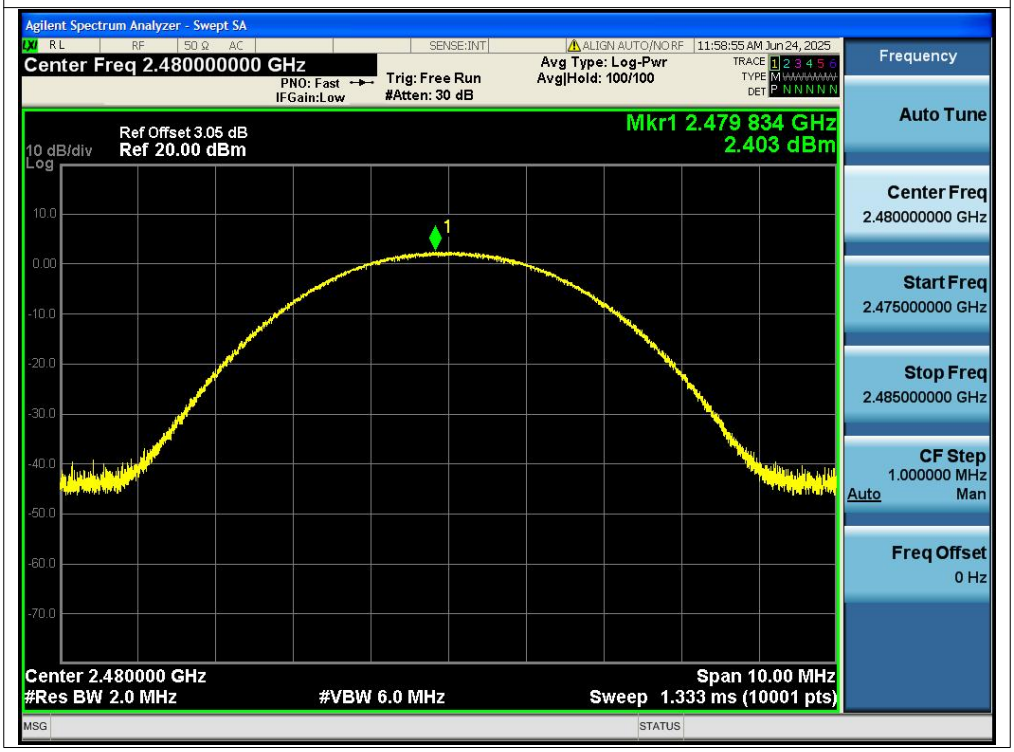
Power NVNT 2-DH5 2402MHz Ant1



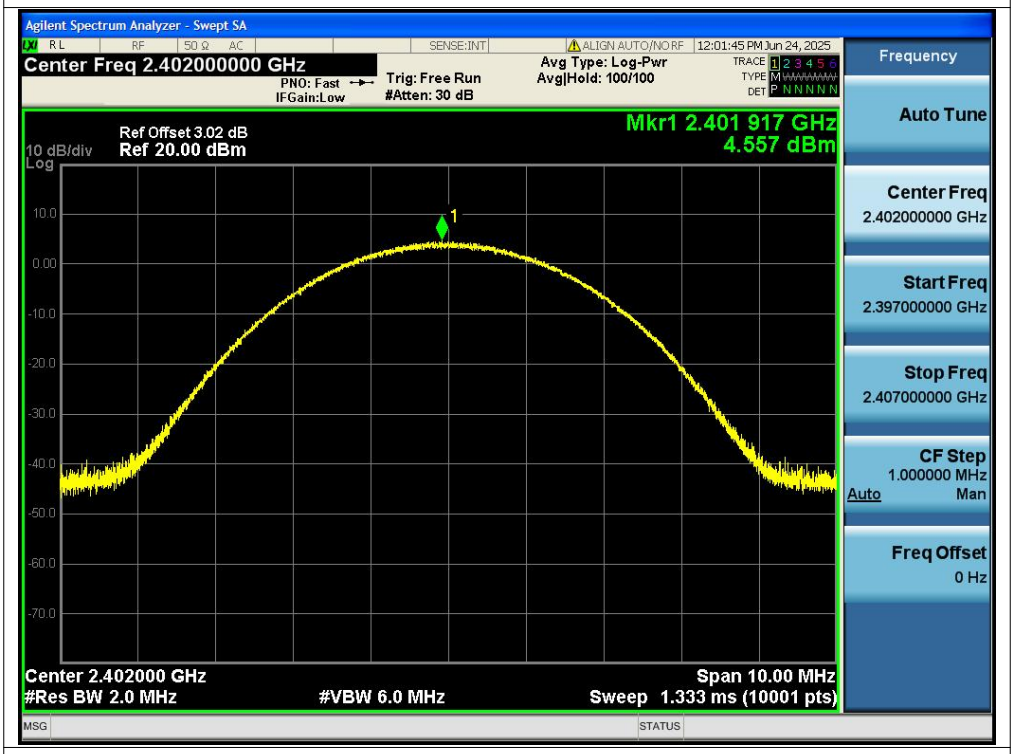
Power NVNT 2-DH5 2441MHz Ant1



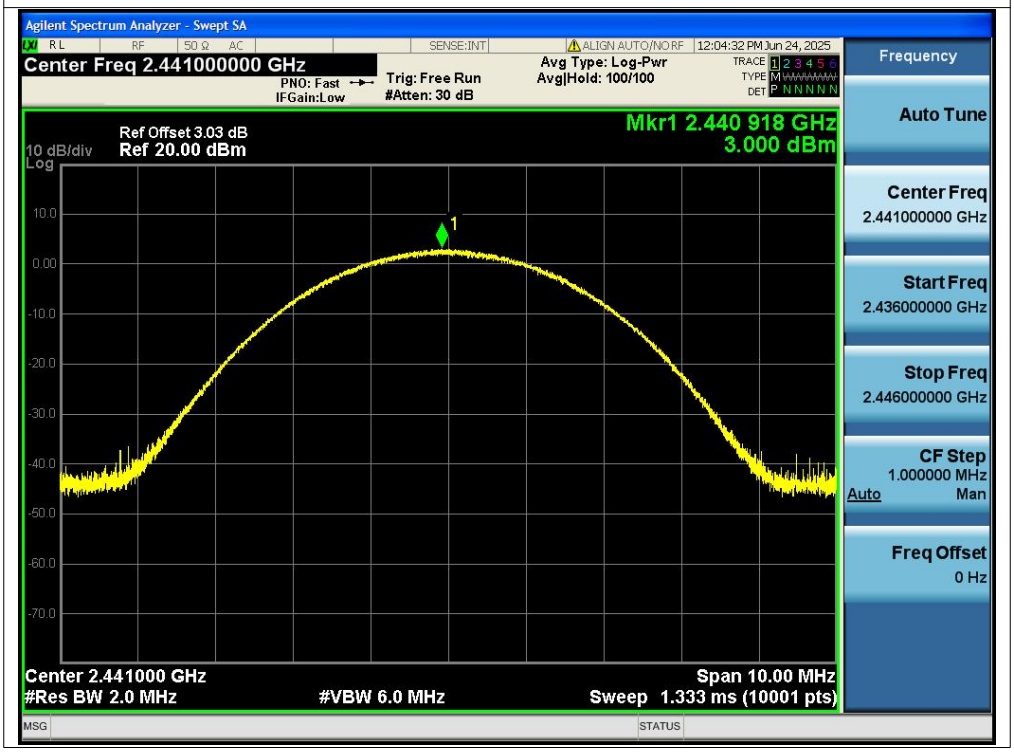
Power NVNT 2-DH5 2480MHz Ant1



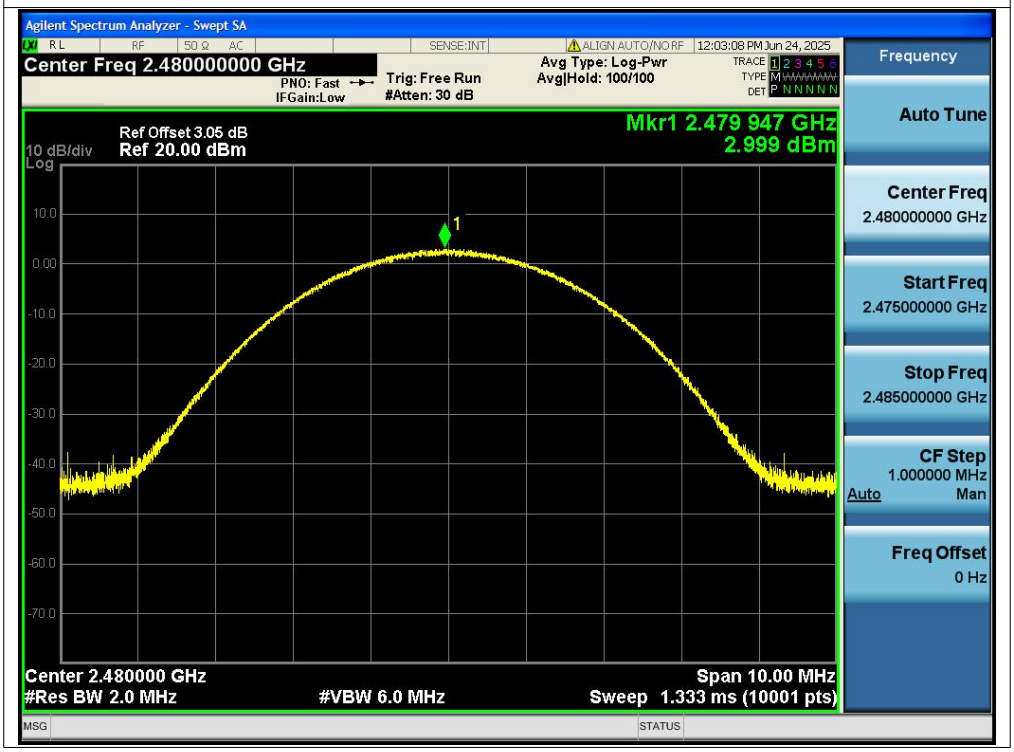
Power NVNT 3-DH5 2402MHz Ant1



Power NVNT 3-DH5 2441MHz Ant1



Power NVNT 3-DH5 2480MHz Ant1

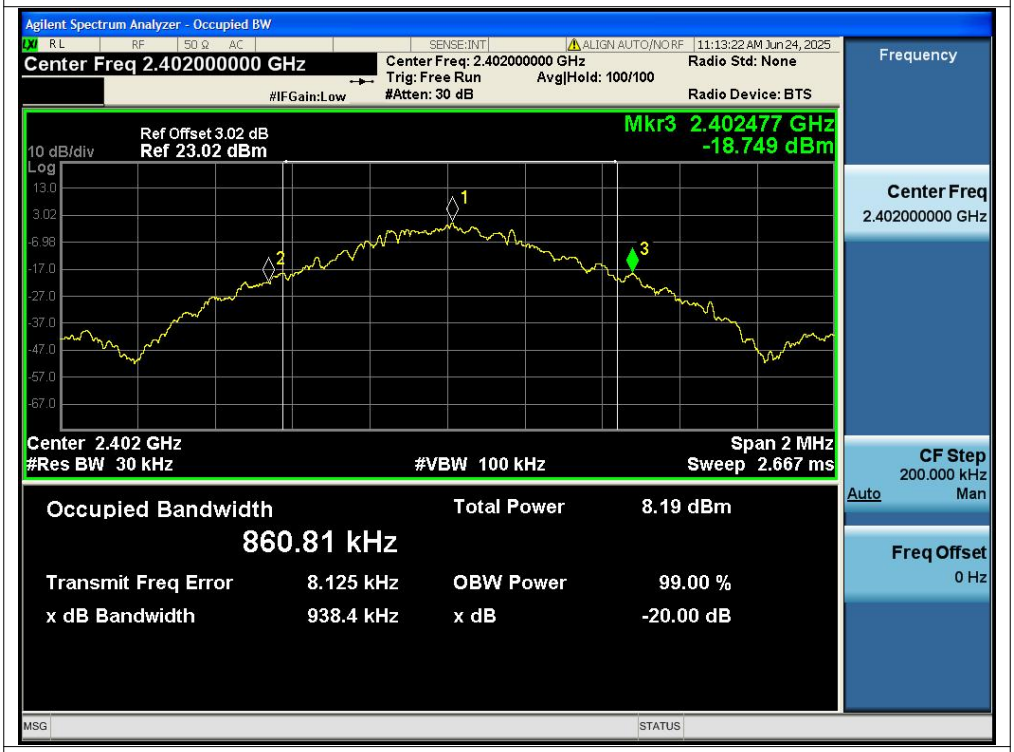


-20dB Bandwidth

Condition	Mode	Frequency (MHz)	Antenna	-20 dB Bandwidth (MHz)	Verdict
NVNT	1-DH5	2402	Ant1	0.938	Pass
NVNT	1-DH5	2441	Ant1	0.943	Pass
NVNT	1-DH5	2480	Ant1	0.947	Pass
NVNT	2-DH5	2402	Ant1	1.277	Pass
NVNT	2-DH5	2441	Ant1	1.336	Pass
NVNT	2-DH5	2480	Ant1	1.285	Pass
NVNT	3-DH5	2402	Ant1	1.288	Pass
NVNT	3-DH5	2441	Ant1	1.295	Pass
NVNT	3-DH5	2480	Ant1	1.293	Pass

Test Graphs

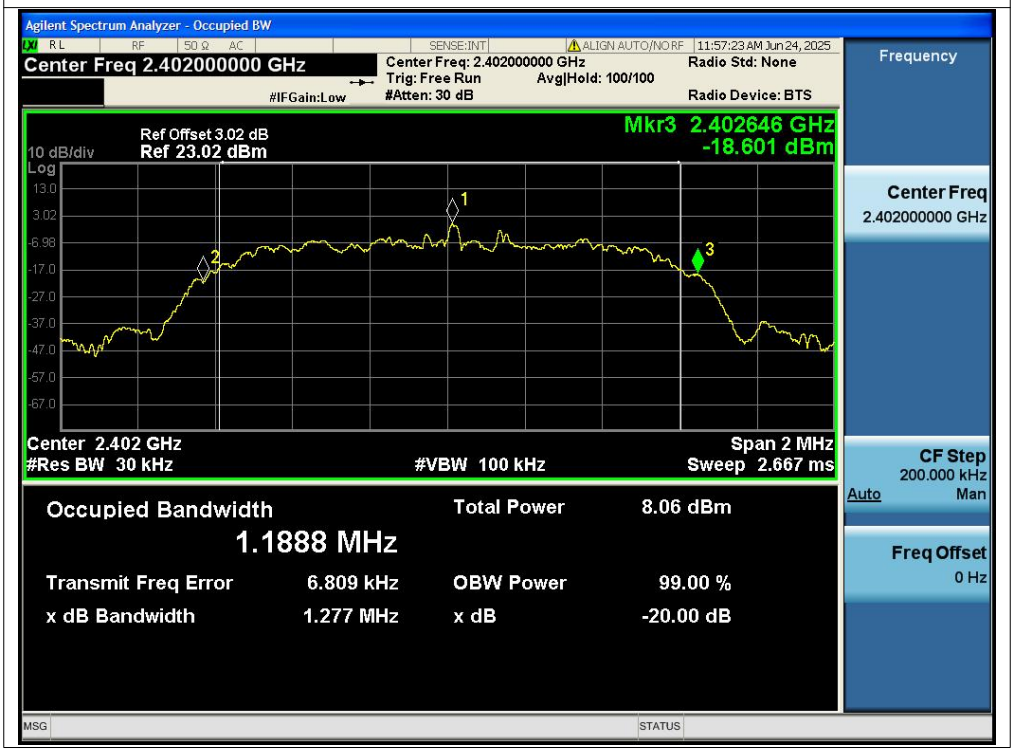
-20dB Bandwidth NVNT 1-DH5 2402MHz Ant1



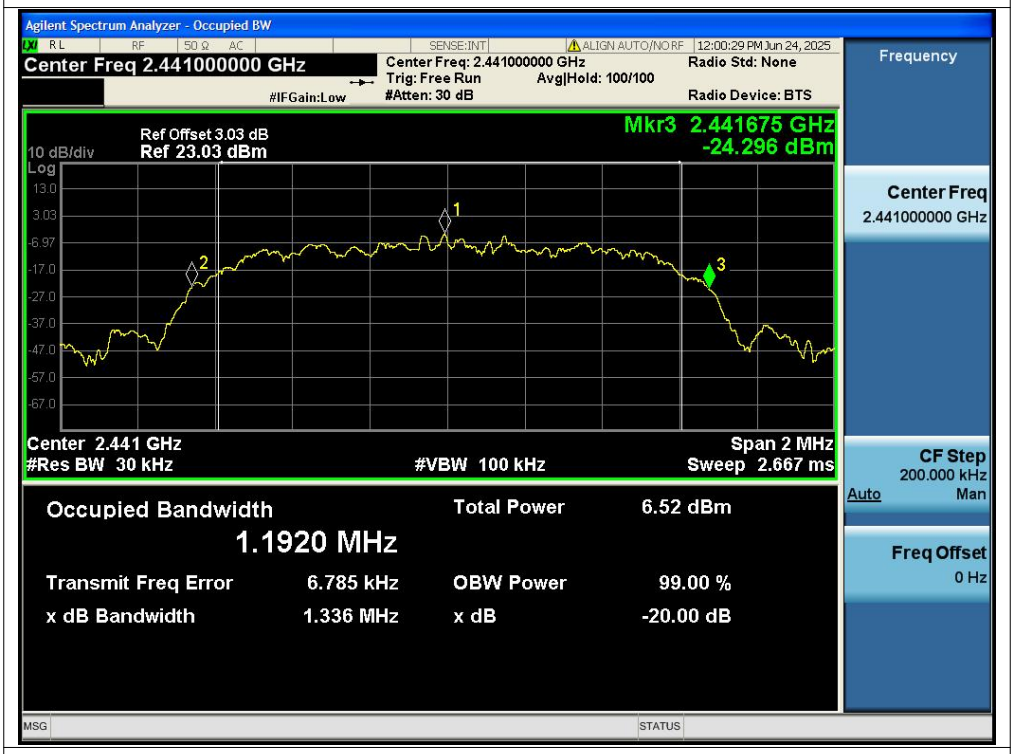
-20dB Bandwidth NVNT 1-DH5 2441MHz Ant1

-20dB Bandwidth NVNT 1-DH5 2480MHz Ant1

-20dB Bandwidth NVNT 2-DH5 2402MHz Ant1

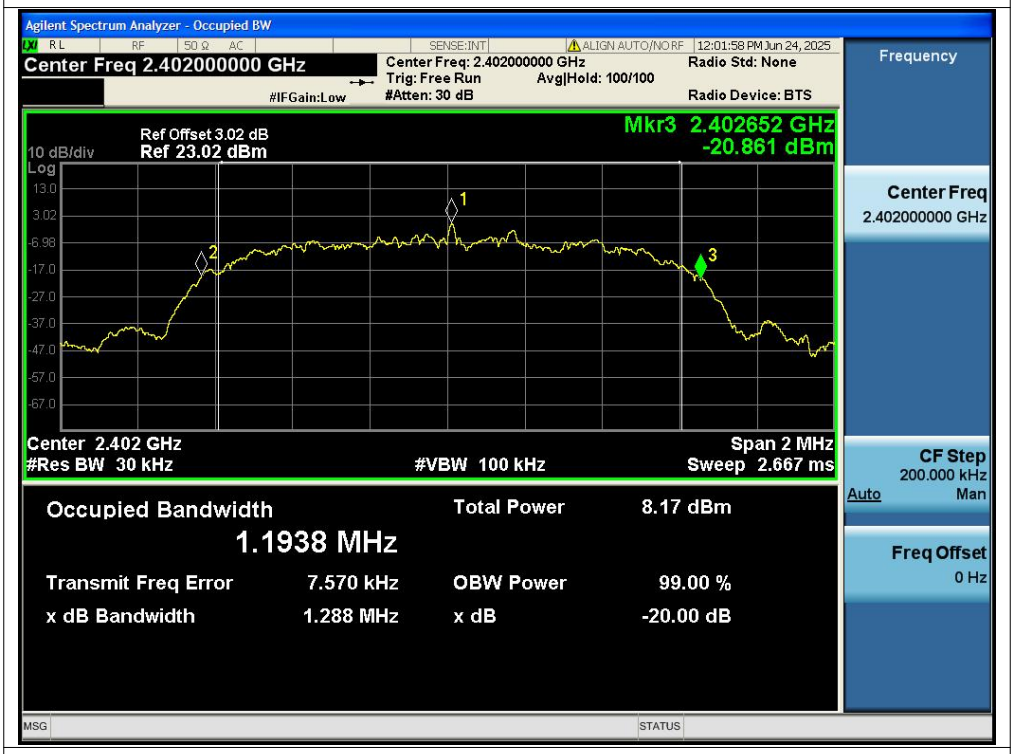


-20dB Bandwidth NVNT 2-DH5 2441MHz Ant1

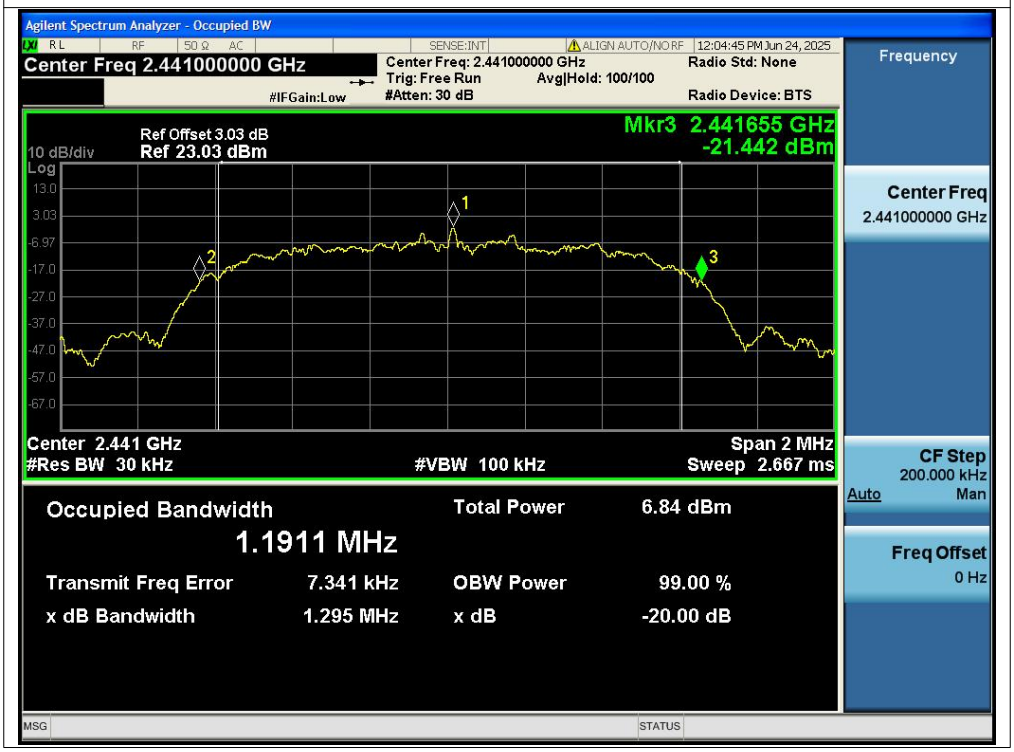


-20dB Bandwidth NVNT 2-DH5 2480MHz Ant1

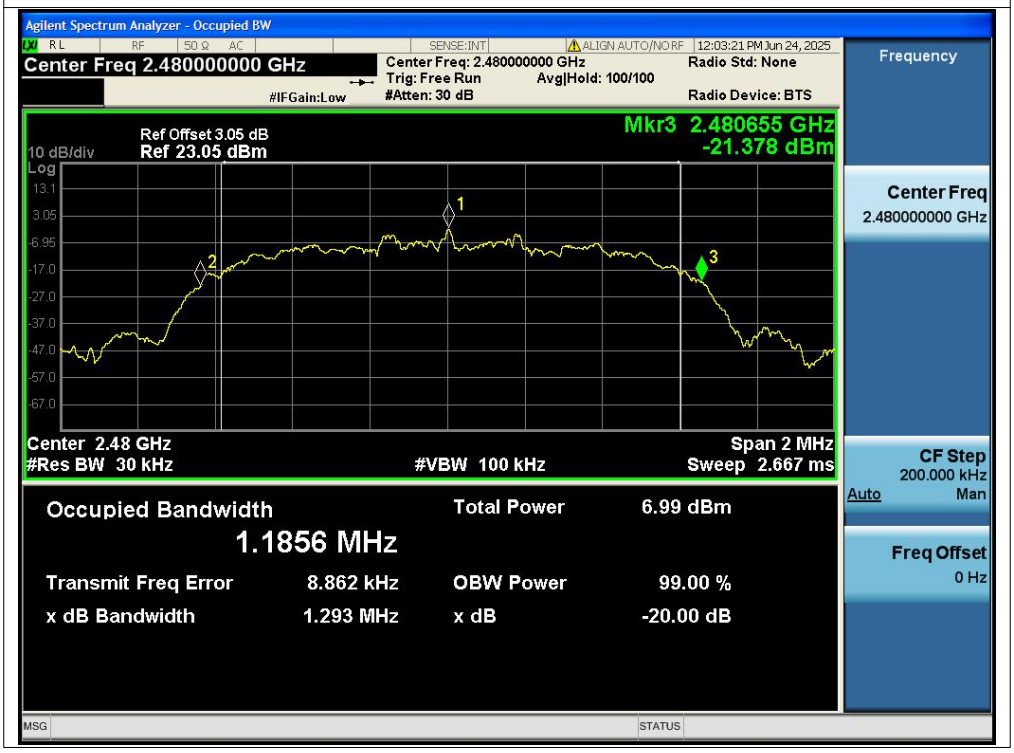
-20dB Bandwidth NVNT 3-DH5 2402MHz Ant1



-20dB Bandwidth NVNT 3-DH5 2441MHz Ant1



-20dB Bandwidth NVNT 3-DH5 2480MHz Ant1



Occupied Channel Bandwidth

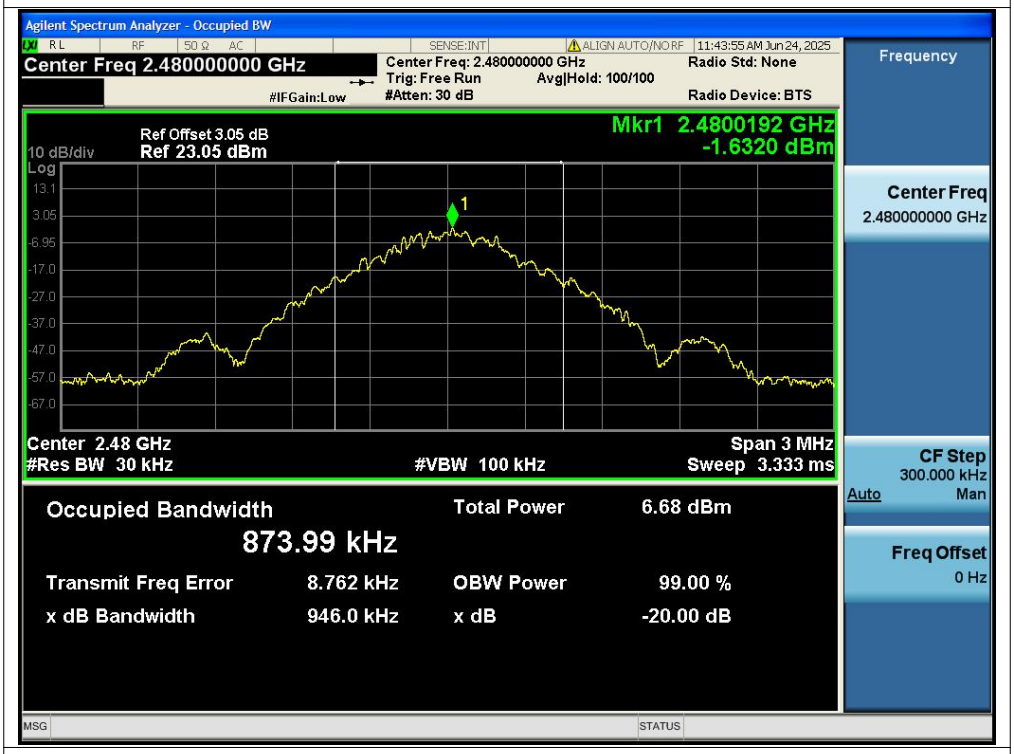
Condition	Mode	Frequency (MHz)	Antenna	99% OBW (MHz)
NVNT	1-DH5	2402	Ant1	0.859
NVNT	1-DH5	2441	Ant1	0.867
NVNT	1-DH5	2480	Ant1	0.874
NVNT	2-DH5	2402	Ant1	1.187
NVNT	2-DH5	2441	Ant1	1.19
NVNT	2-DH5	2480	Ant1	1.18
NVNT	3-DH5	2402	Ant1	1.186
NVNT	3-DH5	2441	Ant1	1.19
NVNT	3-DH5	2480	Ant1	1.19

Test Graphs

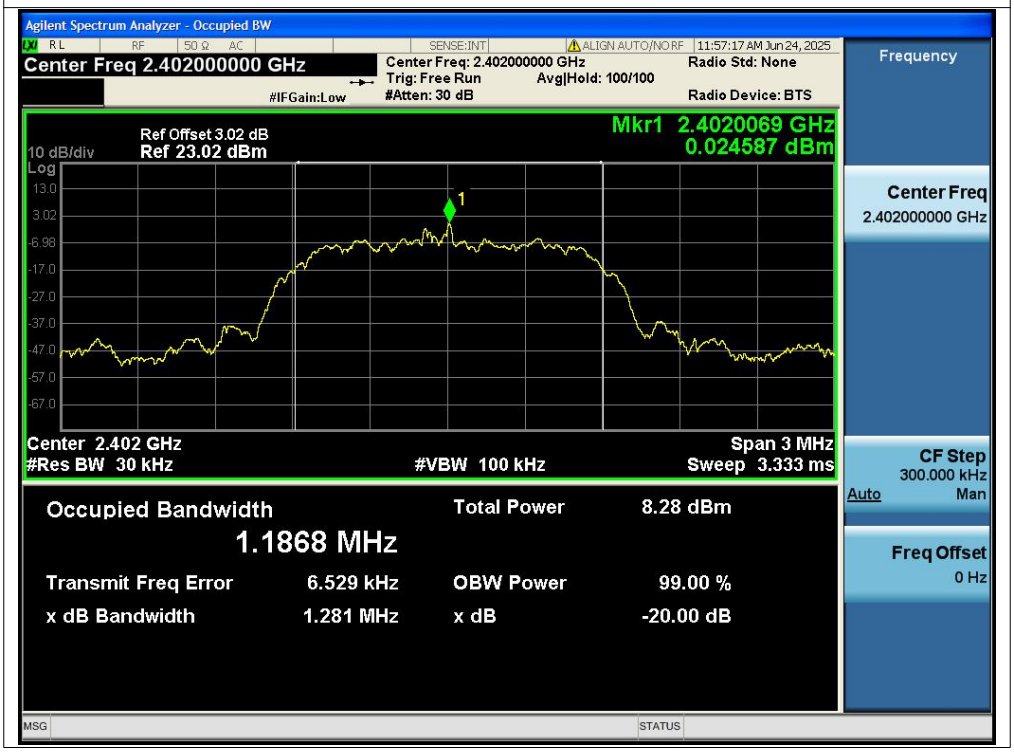
OBW NVNT 1-DH5 2402MHz Ant1

OBW NVNT 1-DH5 2441MHz Ant1

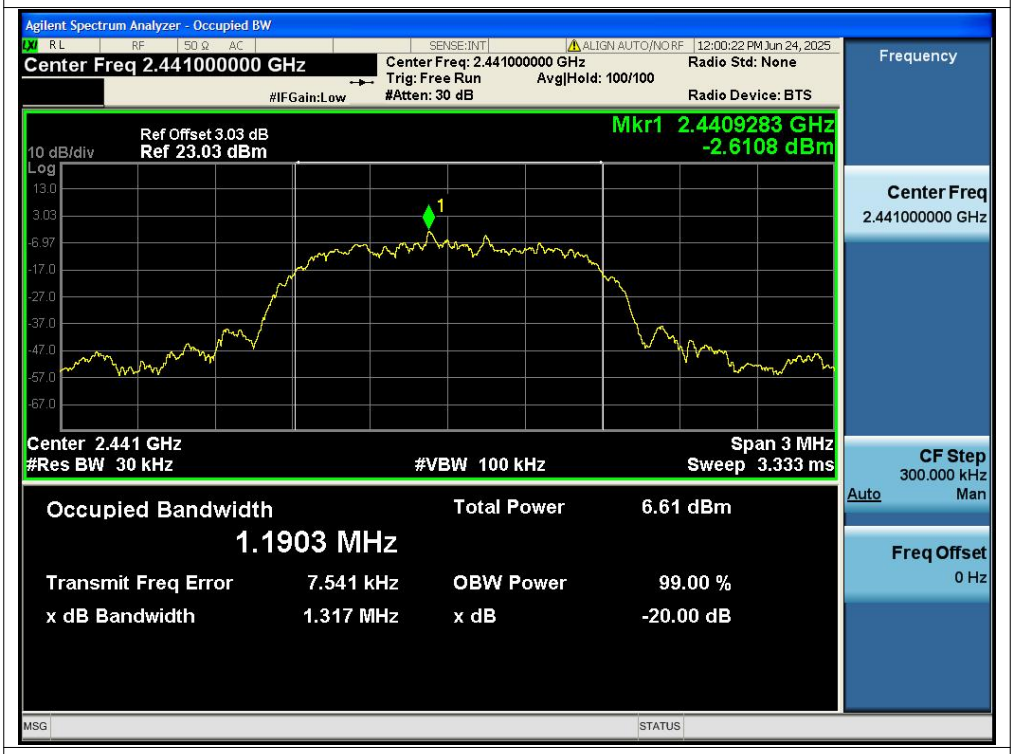
OBW NVNT 1-DH5 2480MHz Ant1



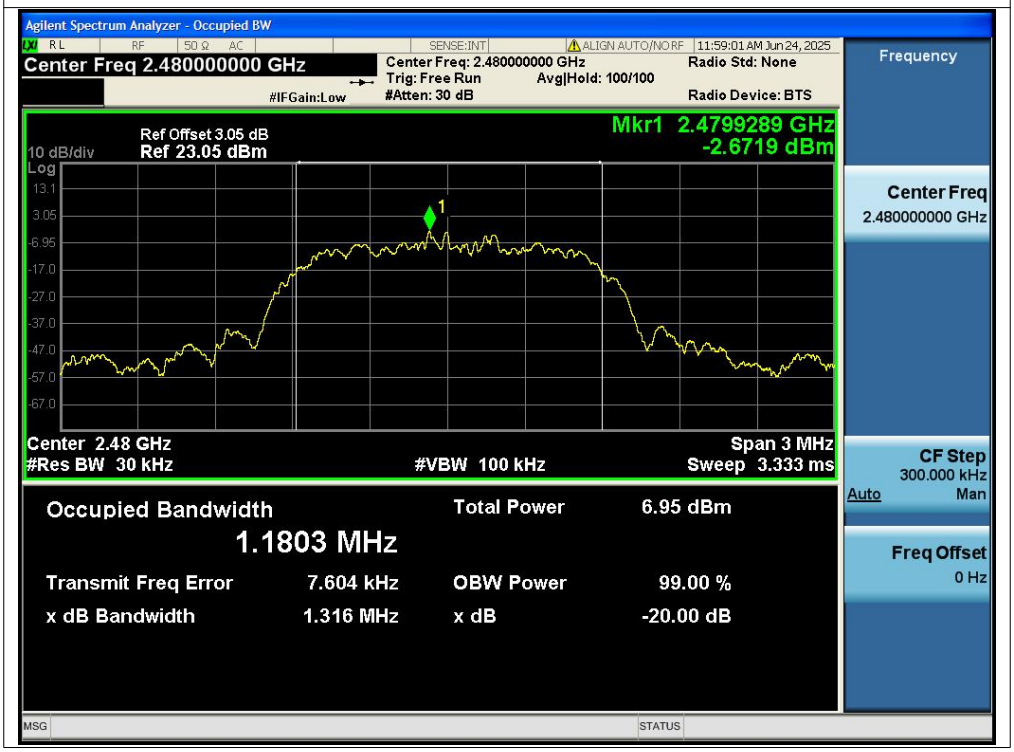
OBW NVNT 2-DH5 2402MHz Ant1



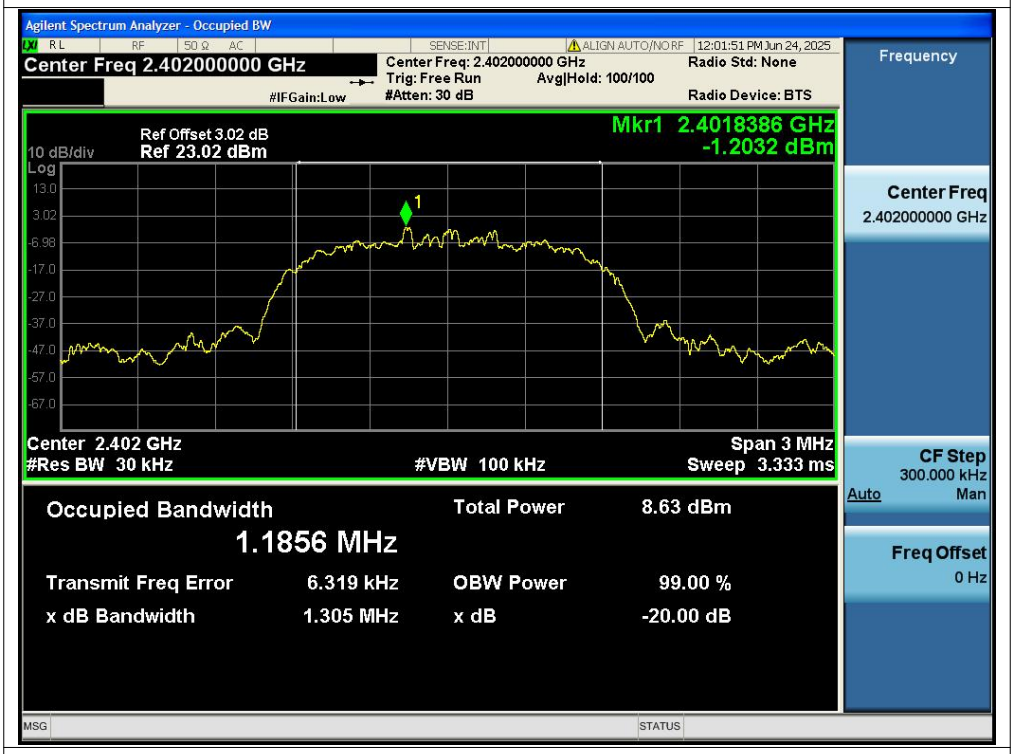
OBW NVNT 2-DH5 2441MHz Ant1



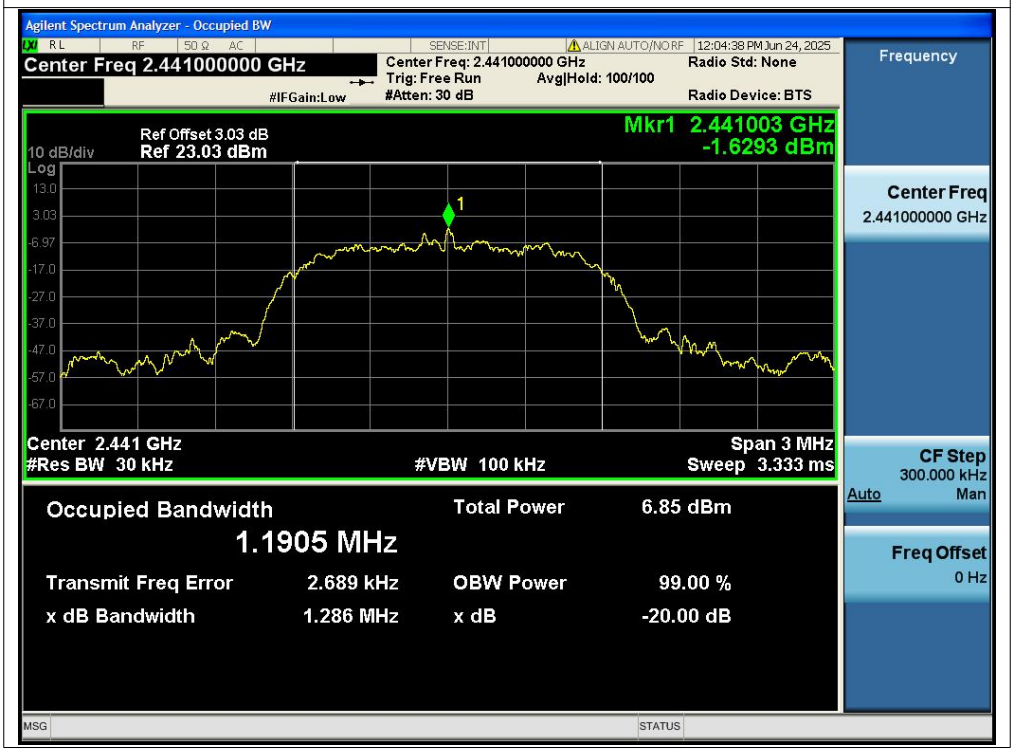
OBW NVNT 2-DH5 2480MHz Ant1



OBW NVNT 3-DH5 2402MHz Ant1



OBW NVNT 3-DH5 2441MHz Ant1



OBW NVNT 3-DH5 2480MHz Ant1

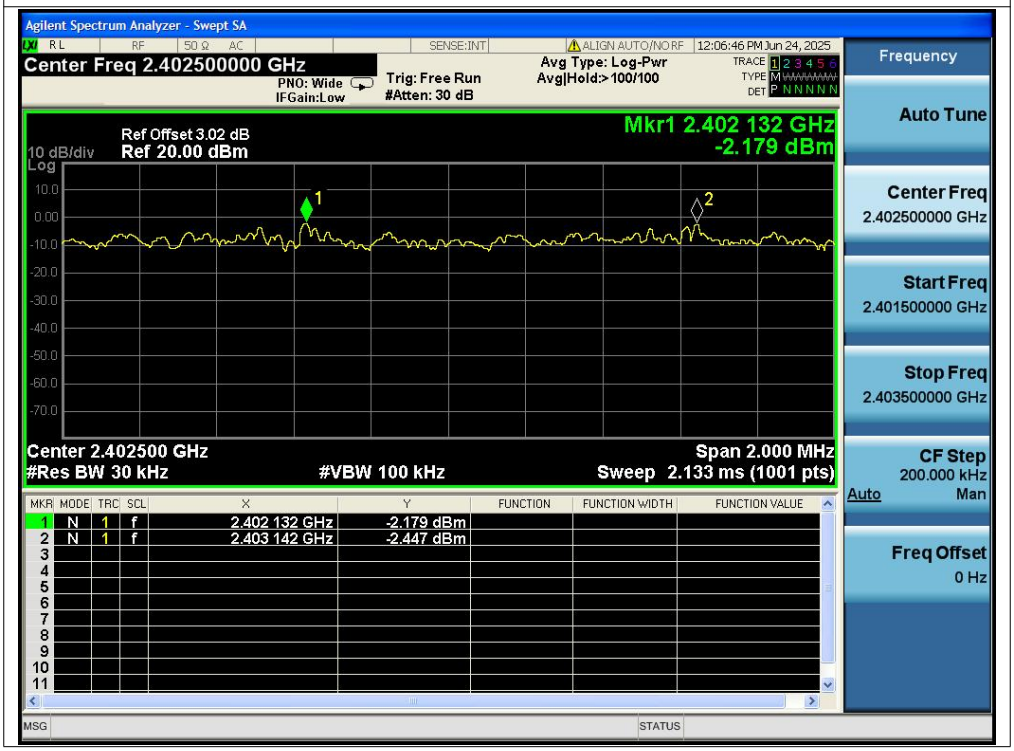
Carrier Frequencies Separation

Condition	Mode	Antenna	Hopping Freq1 (MHz)	Hopping Freq2 (MHz)	HFS (MHz)	Limit (MHz)	Verdict
NVNT	1-DH5	Ant1	2401.996	2403.012	1.016	0.625	Pass
NVNT	2-DH5	Ant1	2402.132	2403.142	1.01	0.851	Pass
NVNT	3-DH5	Ant1	2402.008	2403.014	1.006	0.859	Pass

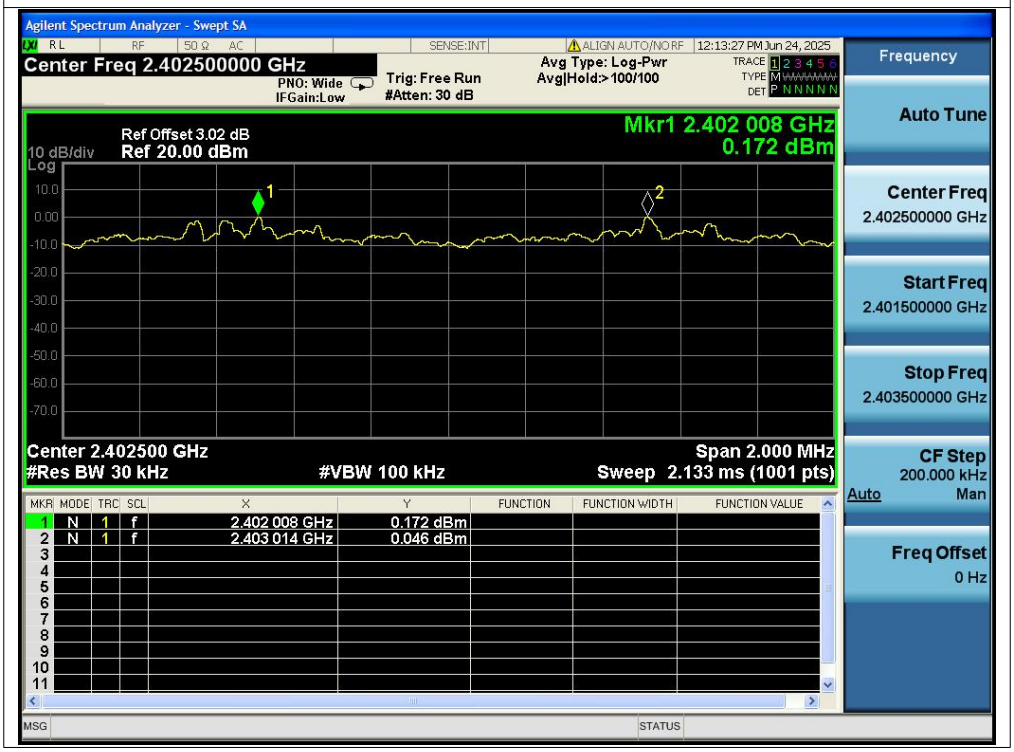
Test Graphs

CFS NVNT 1-DH5 2402MHz Ant1

CFS NVNT 2-DH5 2402MHz Ant1



CFS NVNT 3-DH5 2402MHz Ant1

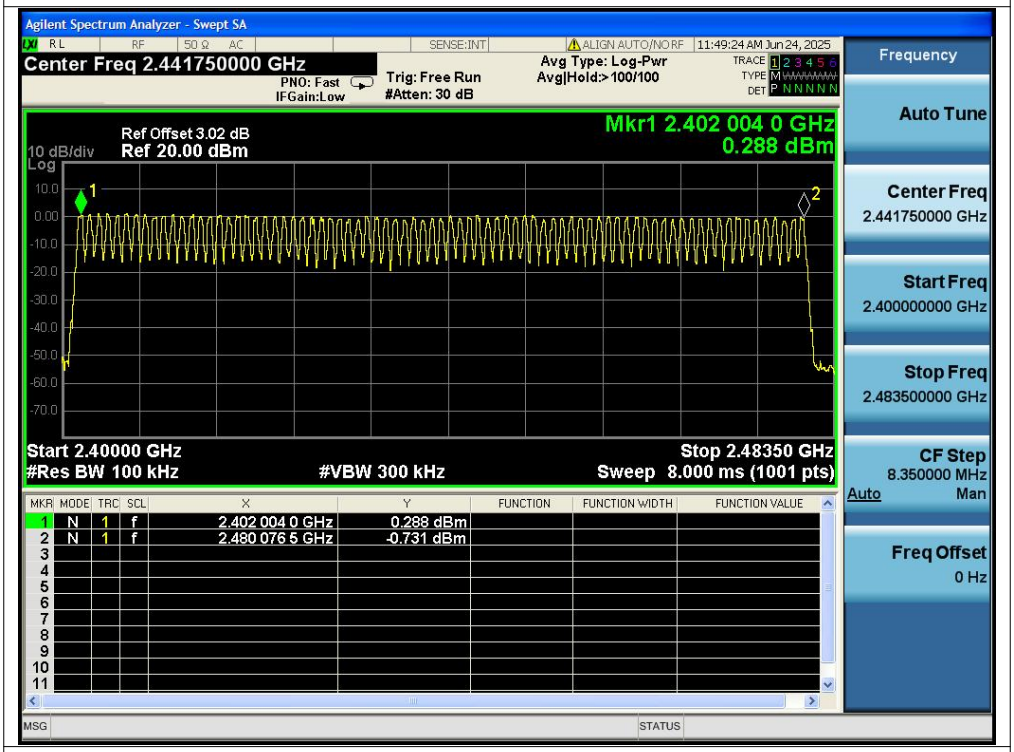


Number of Hopping Channel

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



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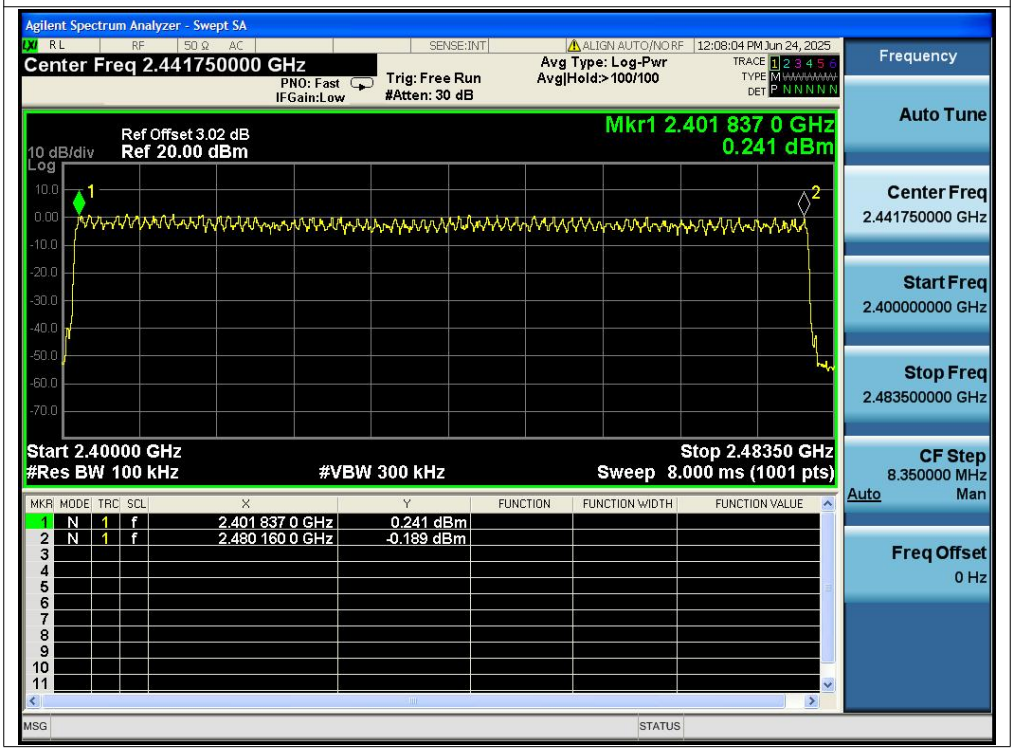
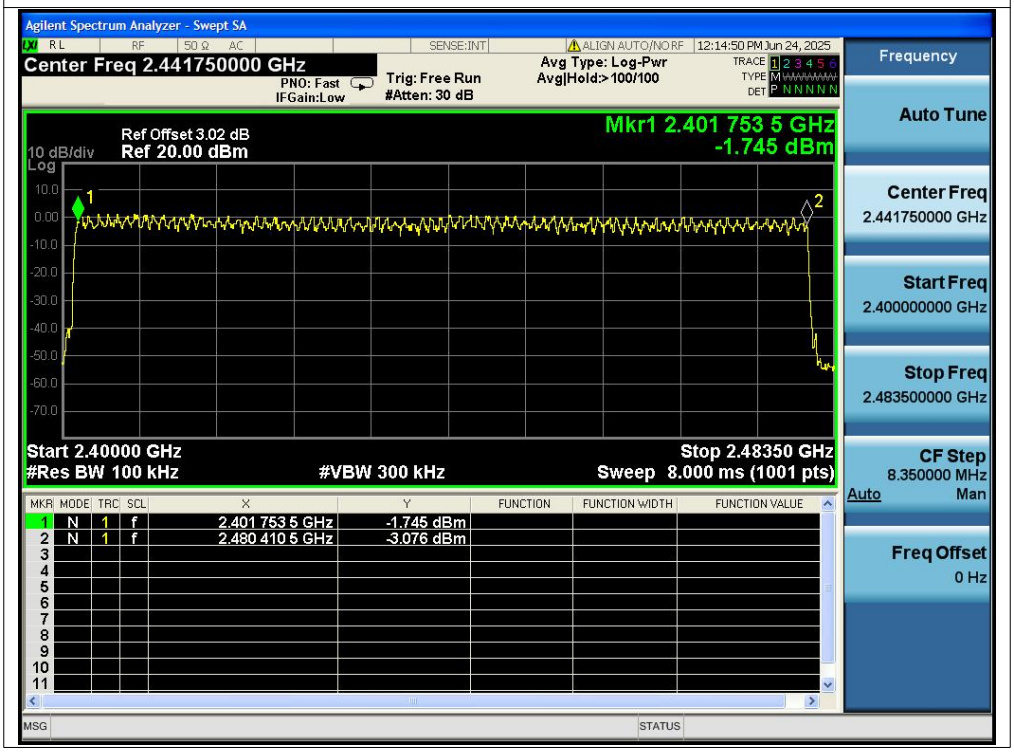


Hopping No. NVNT 3-DH5 2402MHz Ant1

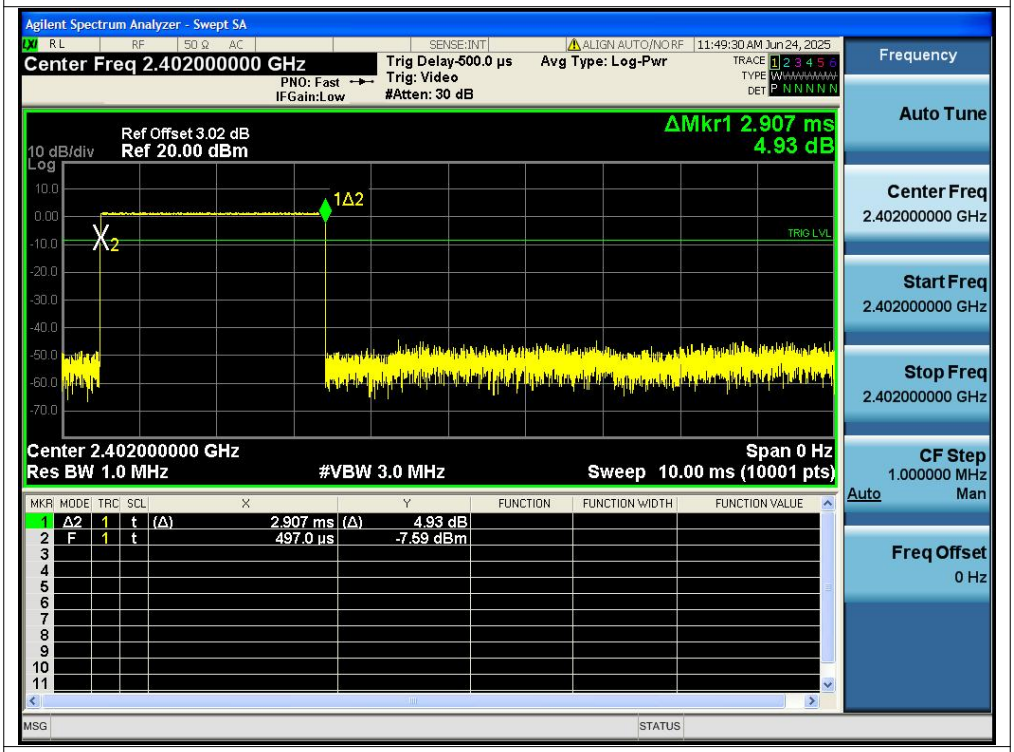


Dwell Time

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	2.907	316.863	109	31600	400	Pass
NVNT	2-DH5	2402	Ant1	2.912	329.056	113	31600	400	Pass
NVNT	3-DH5	2402	Ant1	2.913	311.691	107	31600	400	Pass

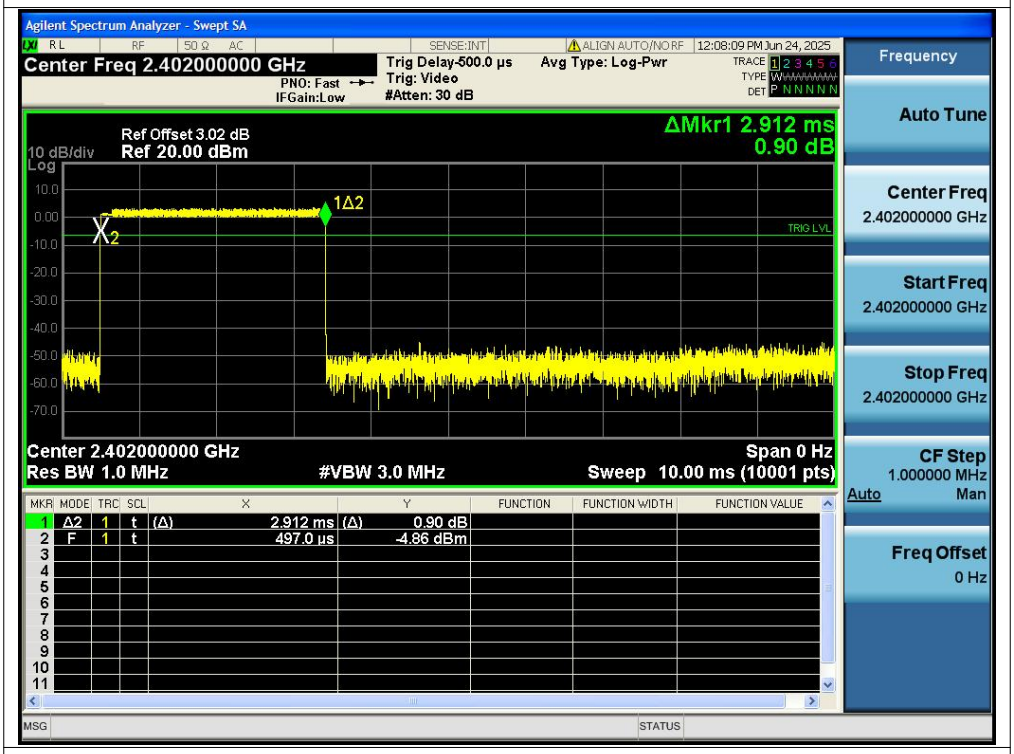
Test Graphs

Dwell NVNT 1-DH5 2402MHz Ant1 One Burst

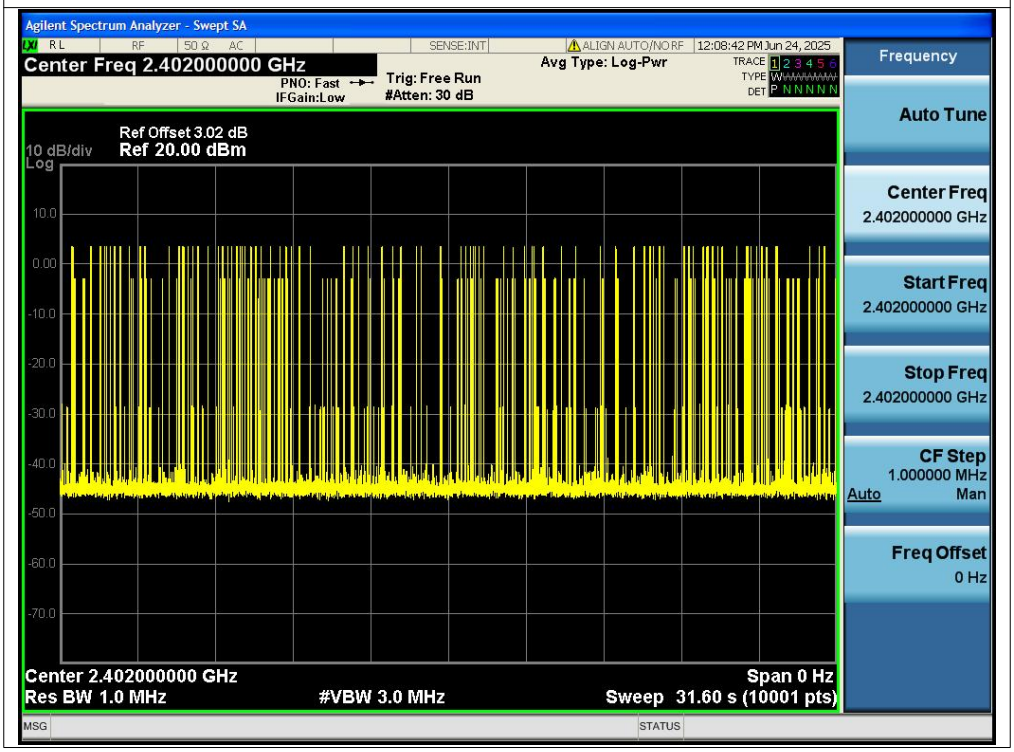


Dwell NVNT 1-DH5 2402MHz Ant1 Accumulated

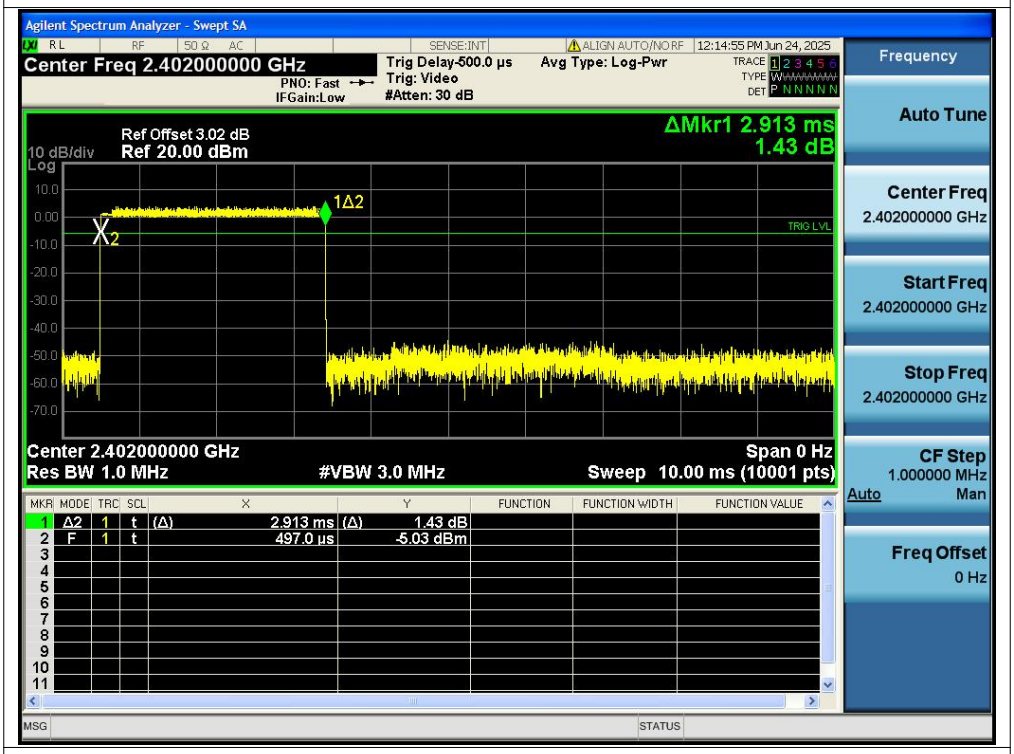
Dwell NVNT 2-DH5 2402MHz Ant1 One Burst



Dwell NVNT 2-DH5 2402MHz Ant1 Accumulated



Dwell NVNT 3-DH5 2402MHz Ant1 One Burst



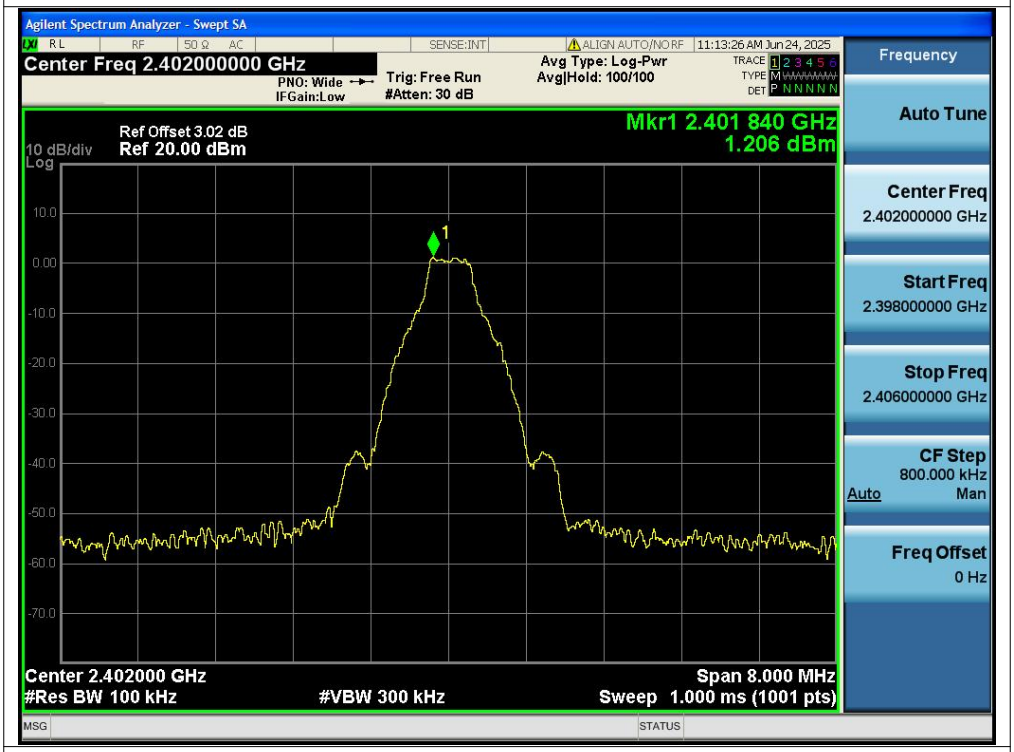
Dwell NVNT 3-DH5 2402MHz Ant1 Accumulated

Band Edge

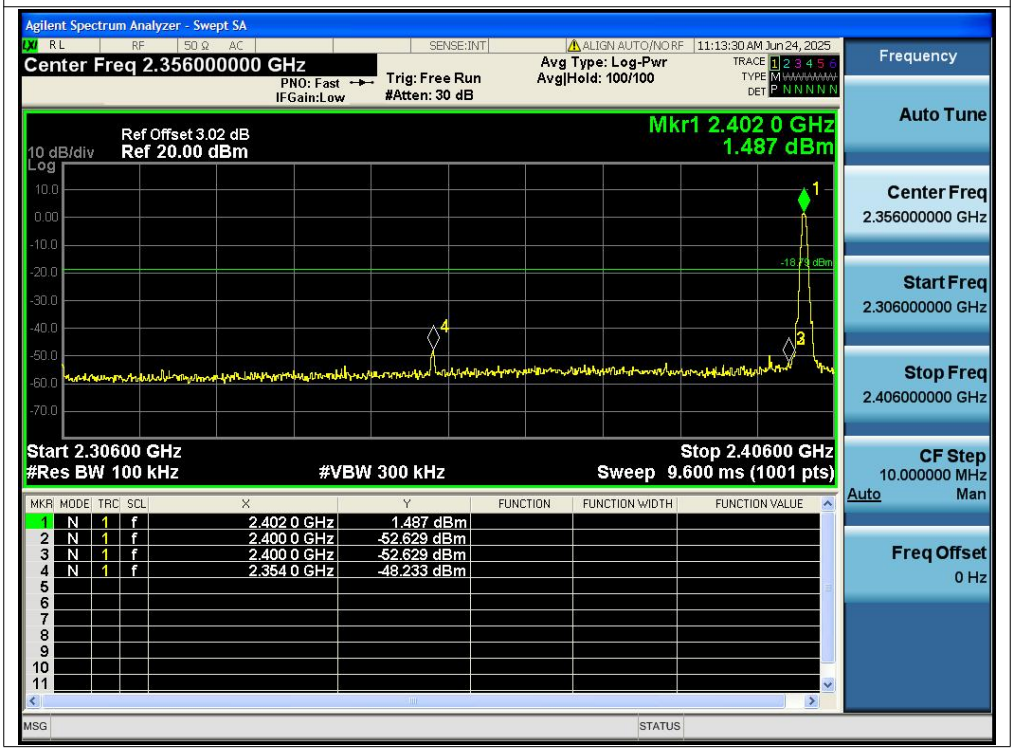
Condition	Mode	Frequency (MHz)	Antenna	Hopping Mode	Max Value (dBc)	Limit (dBc)	Verdict
NVNT	1-DH5	2402	Ant1	No-Hopping	-49.44	-20	Pass
NVNT	1-DH5	2480	Ant1	No-Hopping	-52.57	-20	Pass
NVNT	2-DH5	2402	Ant1	No-Hopping	-51.32	-20	Pass
NVNT	2-DH5	2480	Ant1	No-Hopping	-52.07	-20	Pass
NVNT	3-DH5	2402	Ant1	No-Hopping	-51.14	-20	Pass
NVNT	3-DH5	2480	Ant1	No-Hopping	-52.89	-20	Pass

Test Graphs

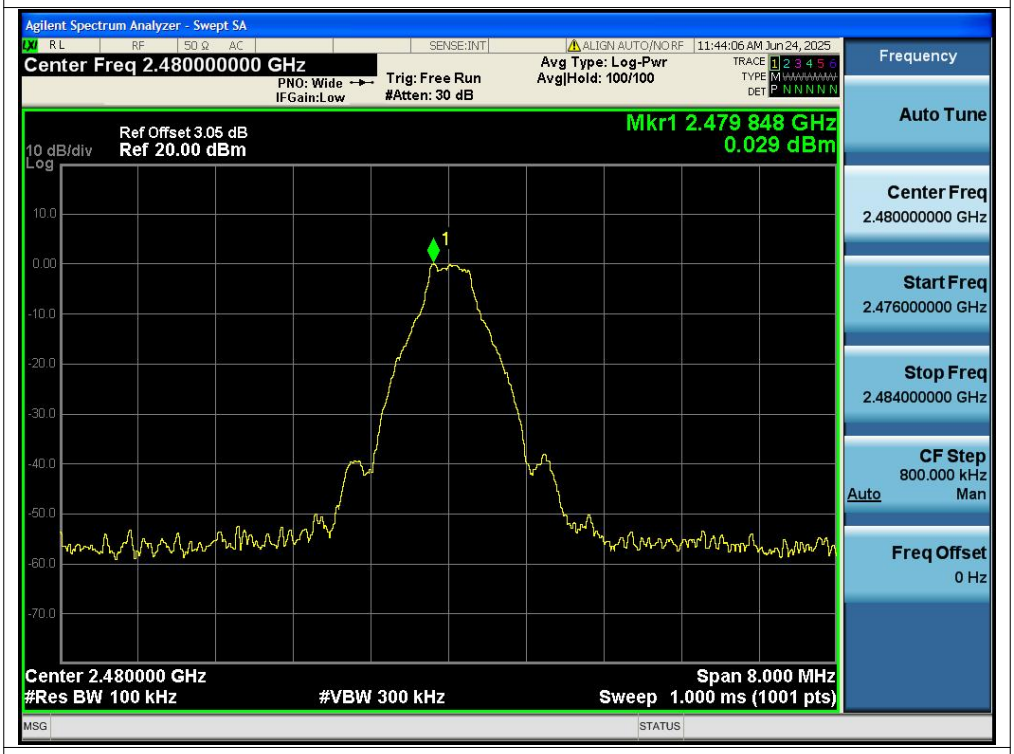
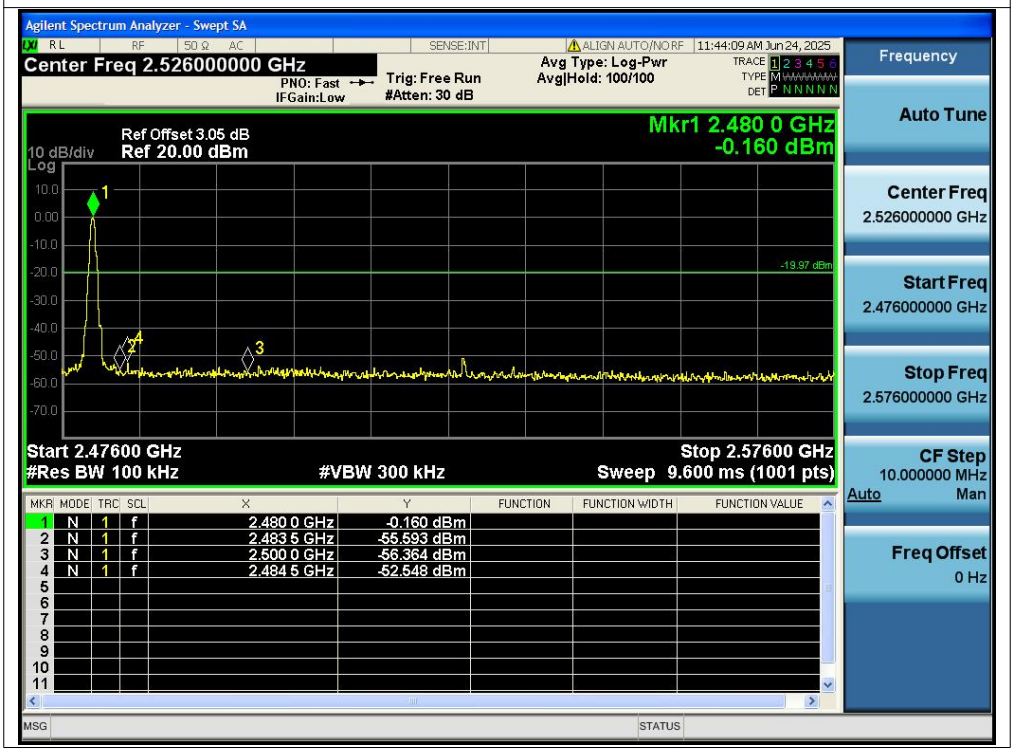
Band Edge NVNT 1-DH5 2402MHz Ant1 No-Hopping Ref



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