

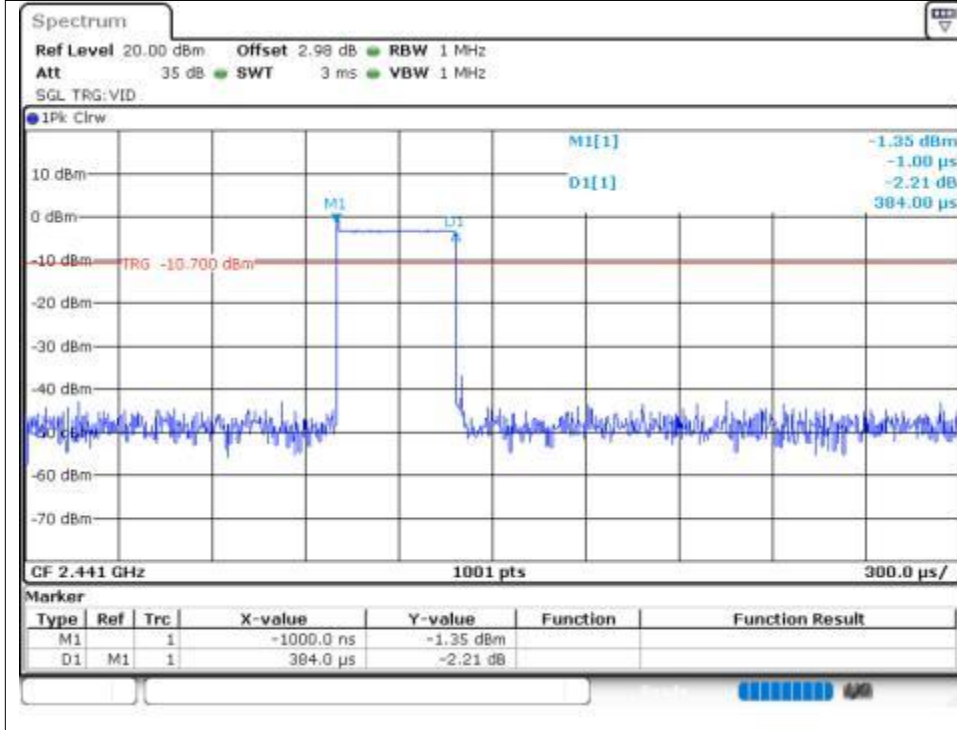
8 TEST RESULTS

8.1 DWELL TIME

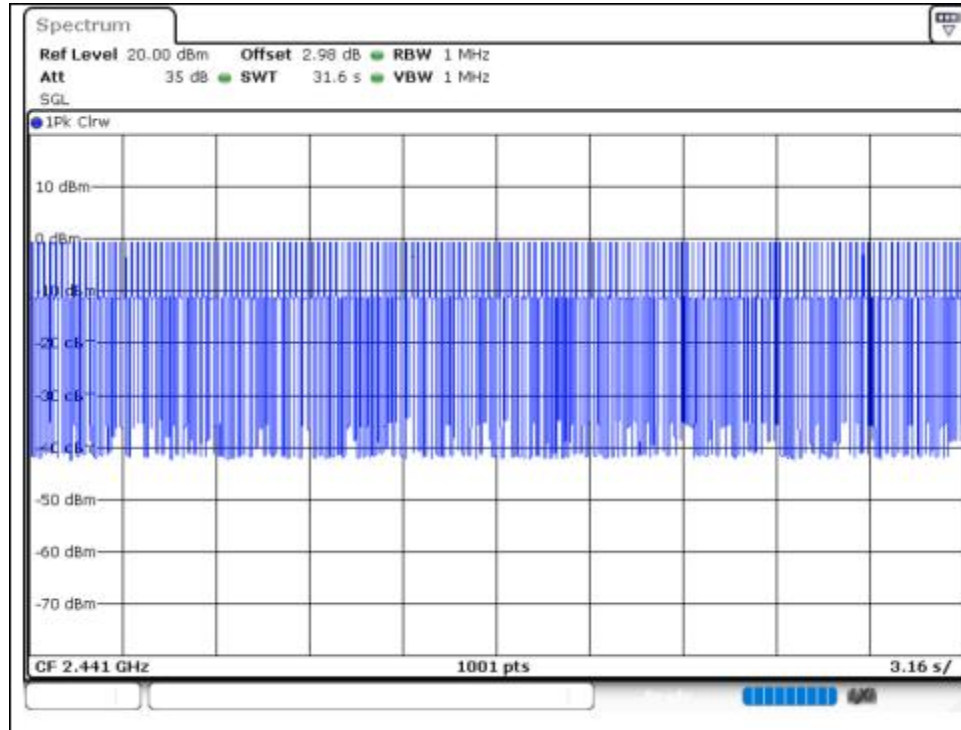
Condition	Mode	Frequency (MHz)	Antenna	Pulse Time (ms)	Total Dwell Time (ms)	Burst Count	Period Time (ms)	Limit (ms)	Verdict
NVNT	1-DH1	2441	Ant1	0.384	82.176	214	31600	400	Pass
NVNT	1-DH3	2441	Ant1	1.64	186.96	114	31600	400	Pass
NVNT	1-DH5	2441	Ant1	2.888	259.92	90	31600	400	Pass
NVNT	2-DH1	2441	Ant1	0.393	78.6	200	31600	400	Pass
NVNT	2-DH3	2441	Ant1	1.645	230.3	140	31600	400	Pass
NVNT	2-DH5	2441	Ant1	2.896	249.056	86	31600	400	Pass
NVNT	3-DH1	2441	Ant1	0.393	80.565	205	31600	400	Pass
NVNT	3-DH3	2441	Ant1	1.645	207.27	126	31600	400	Pass
NVNT	3-DH5	2441	Ant1	2.896	266.432	92	31600	400	Pass

Test Graphs

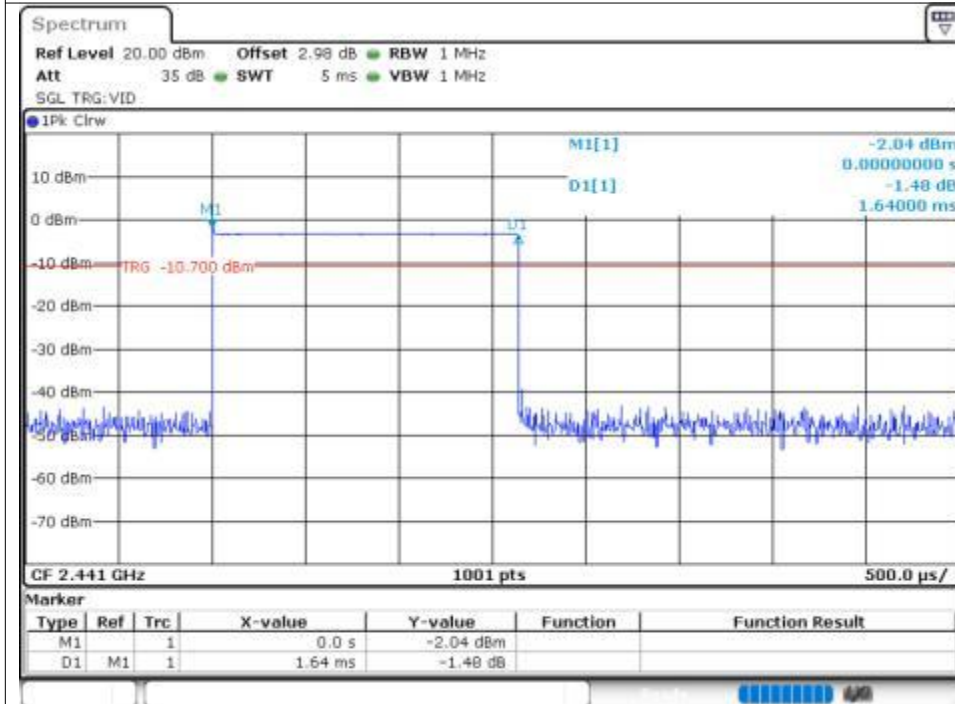
Dwell NVNT 1-DH1 2441MHz Ant1 One Burst



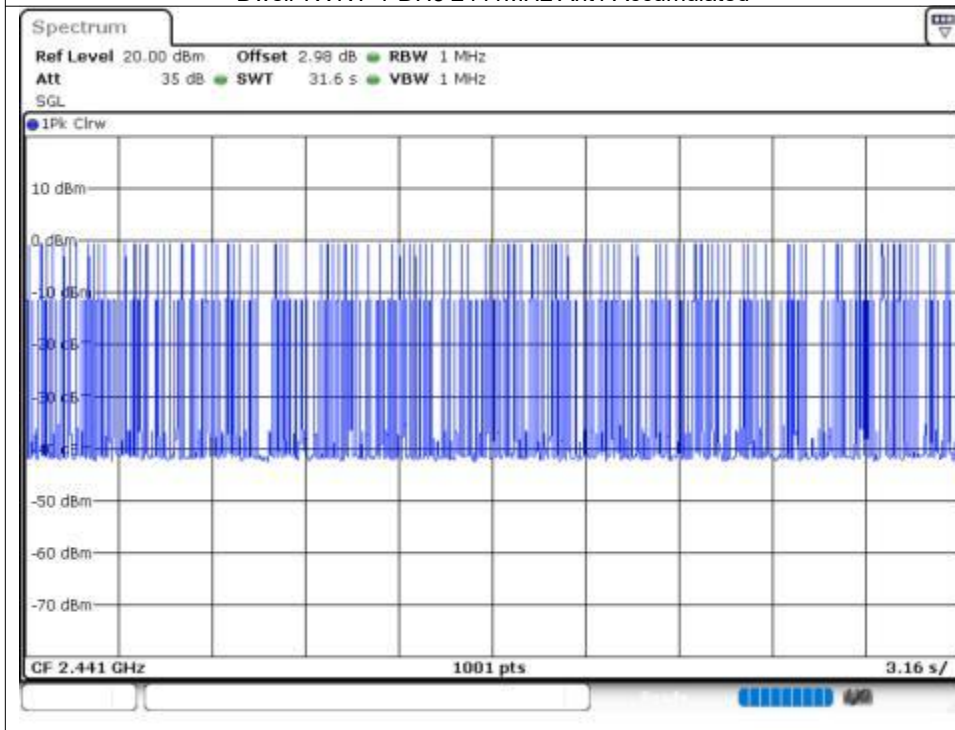
Dwell NVNT 1-DH1 2441MHz Ant1 Accumulated



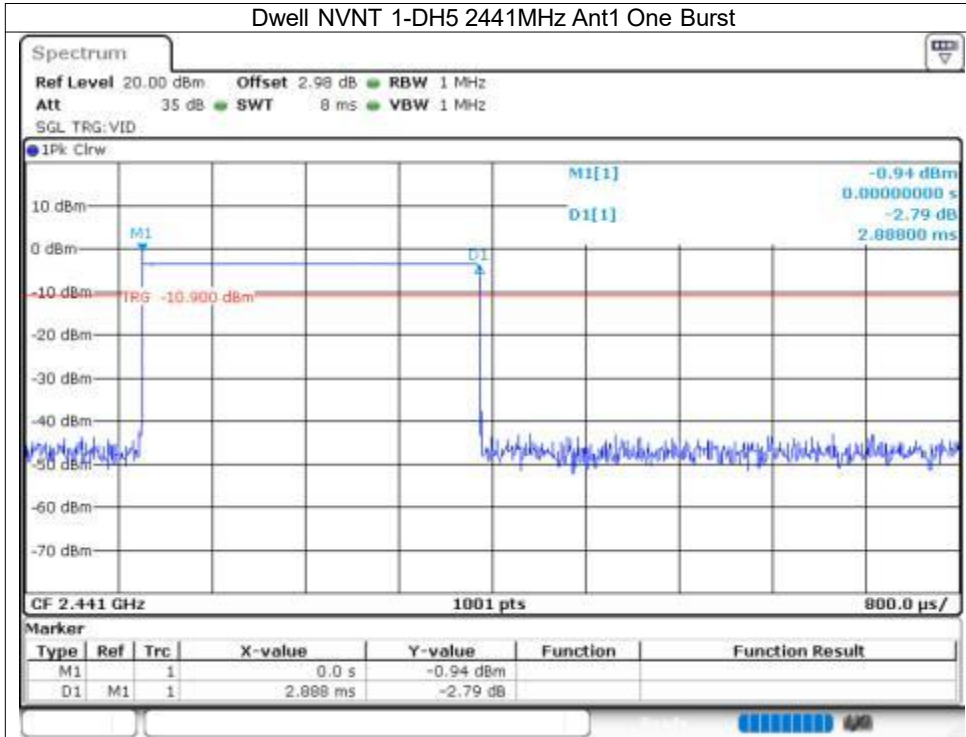
Dwell NVNT 1-DH3 2441MHz Ant1 One Burst



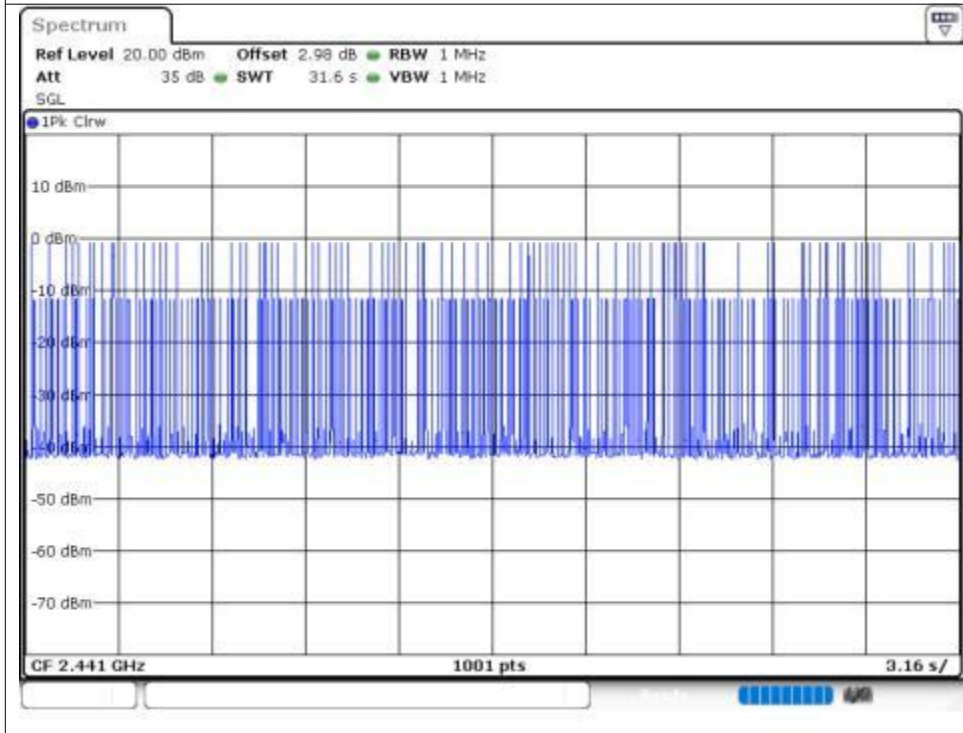
Dwell NVNT 1-DH3 2441MHz Ant1 Accumulated



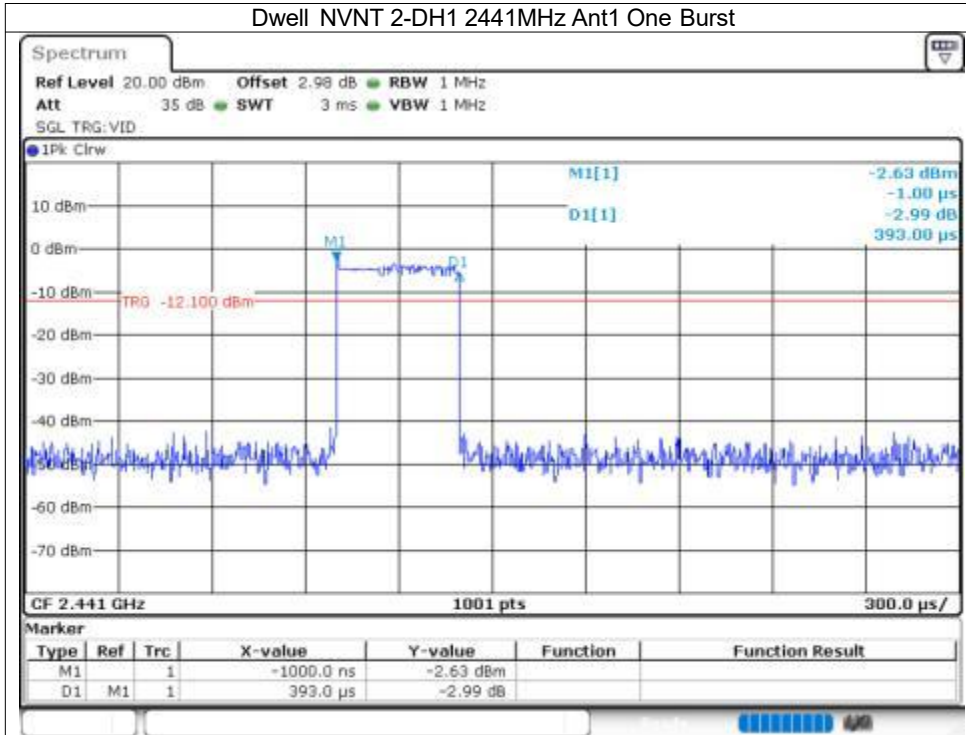
Dwell NVNT 1-DH5 2441MHz Ant1 One Burst



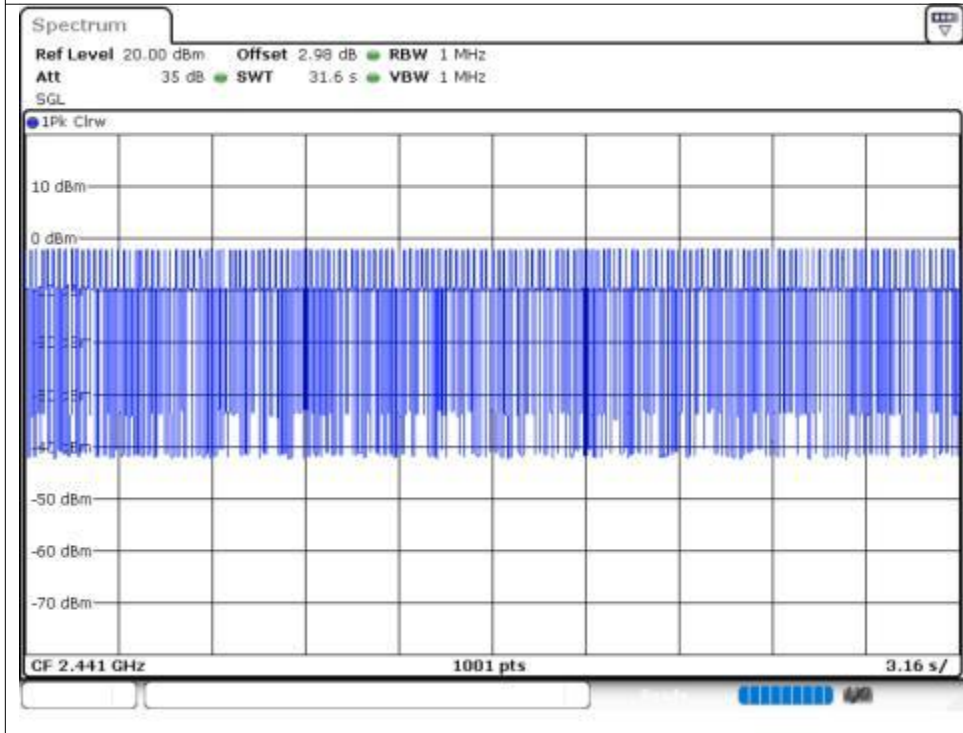
Dwell NVNT 1-DH5 2441MHz Ant1 Accumulated



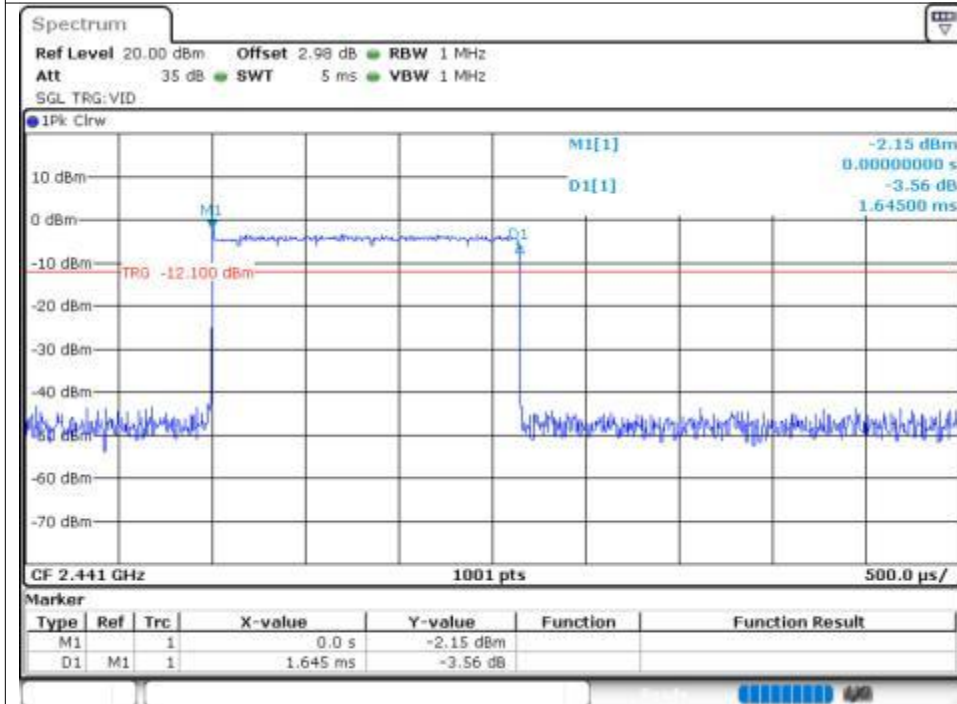
Dwell NVNT 2-DH1 2441MHz Ant1 One Burst



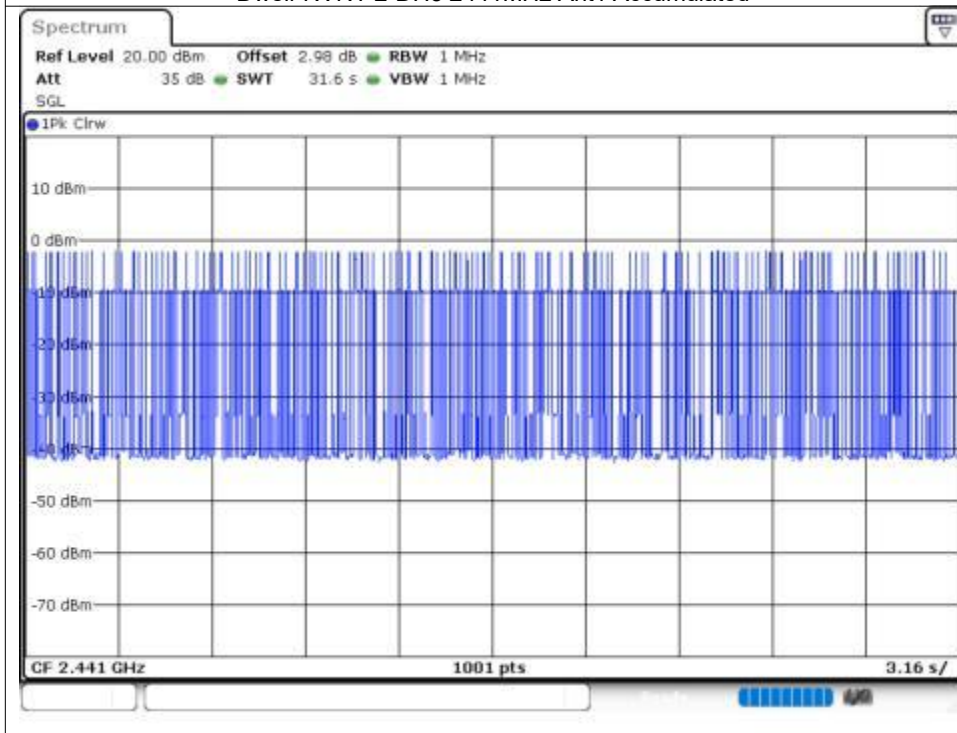
Dwell NVNT 2-DH1 2441MHz Ant1 Accumulated



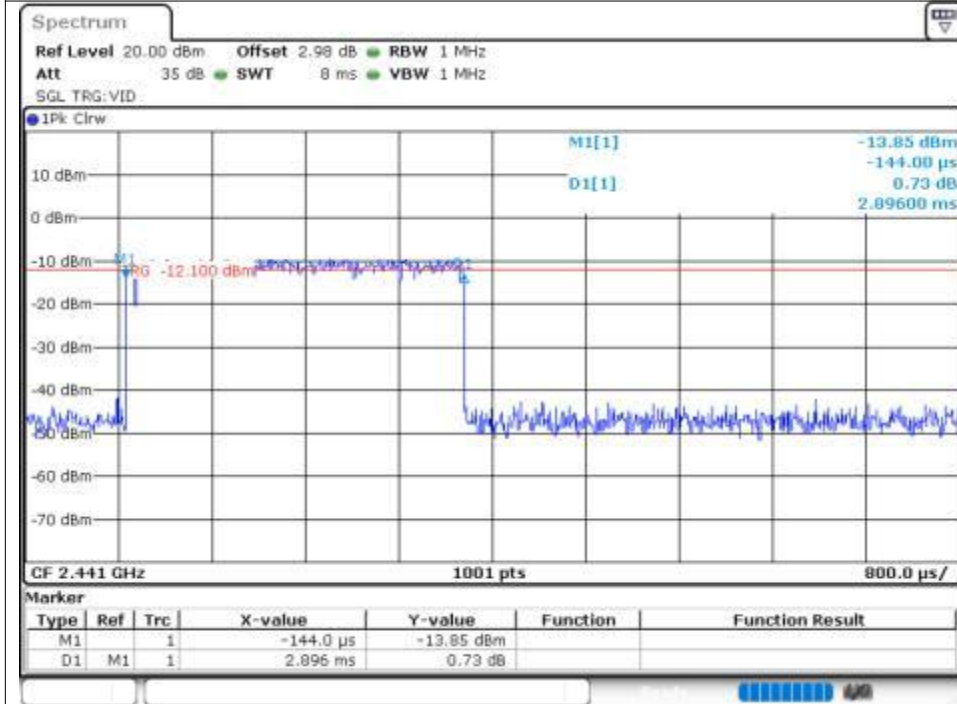
Dwell NVNT 2-DH3 2441MHz Ant1 One Burst



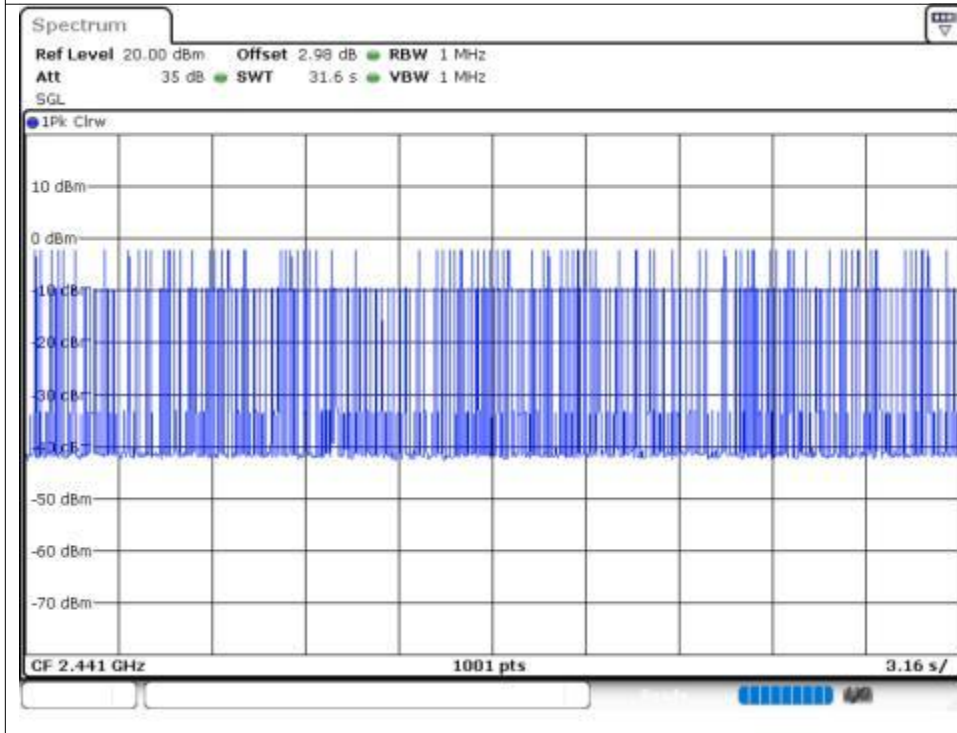
Dwell NVNT 2-DH3 2441MHz Ant1 Accumulated



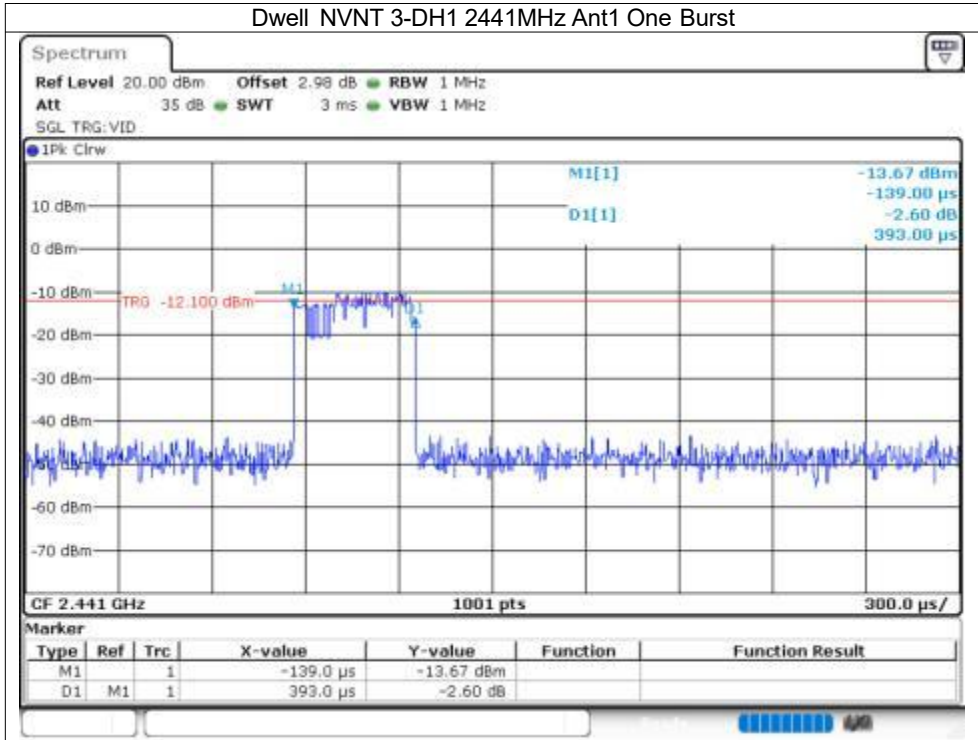
Dwell NVNT 2-DH5 2441MHz Ant1 One Burst



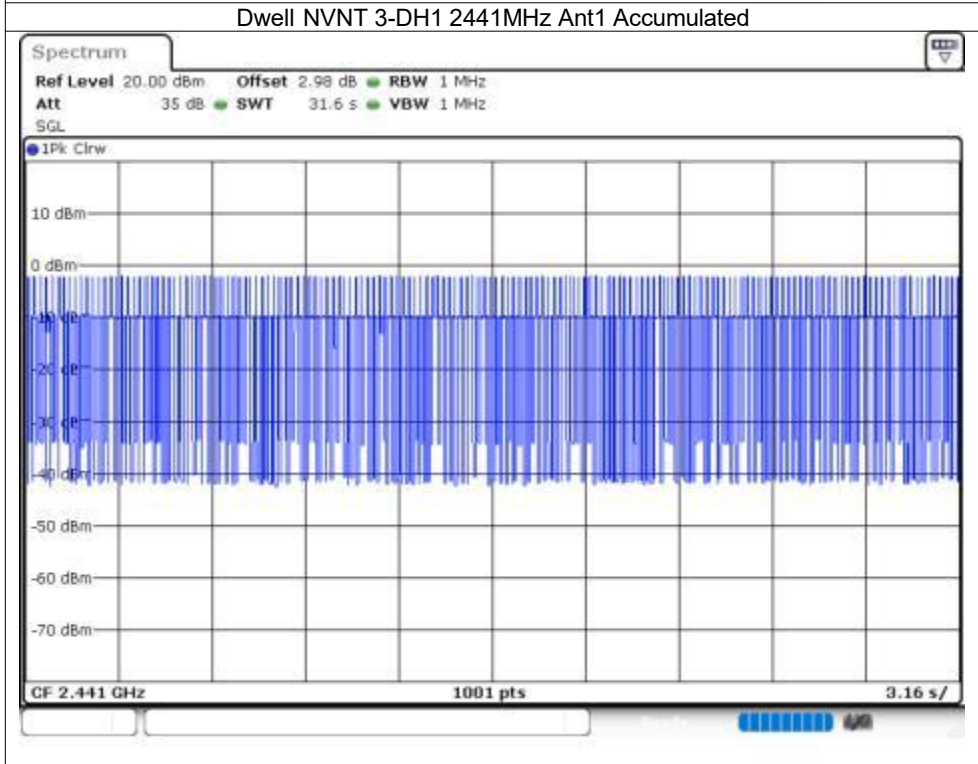
Dwell NVNT 2-DH5 2441MHz Ant1 Accumulated



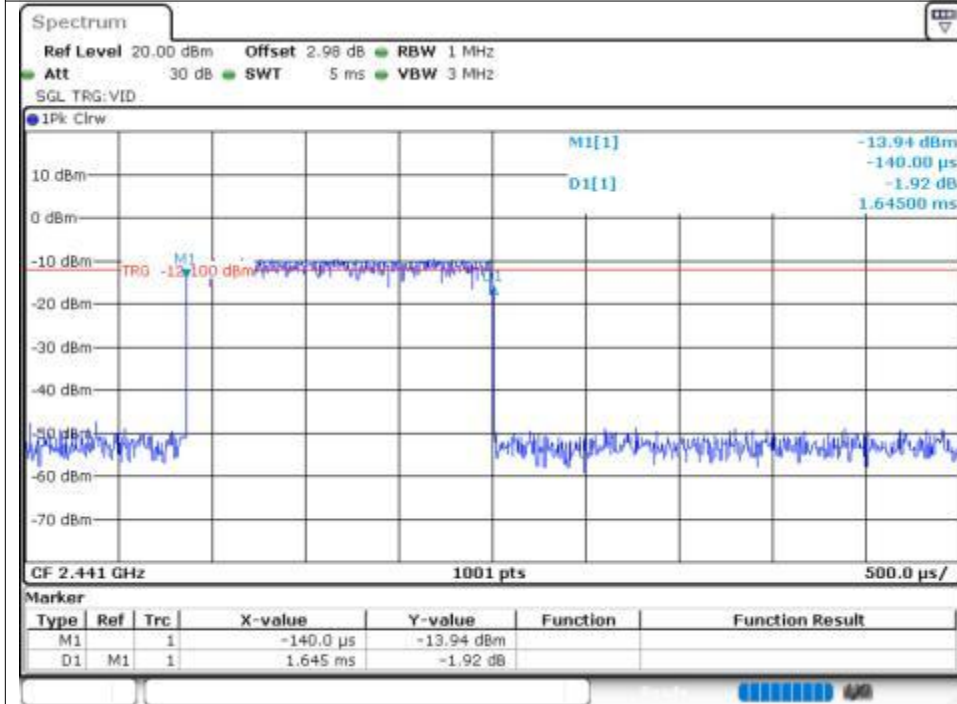
Dwell NVNT 3-DH1 2441MHz Ant1 One Burst



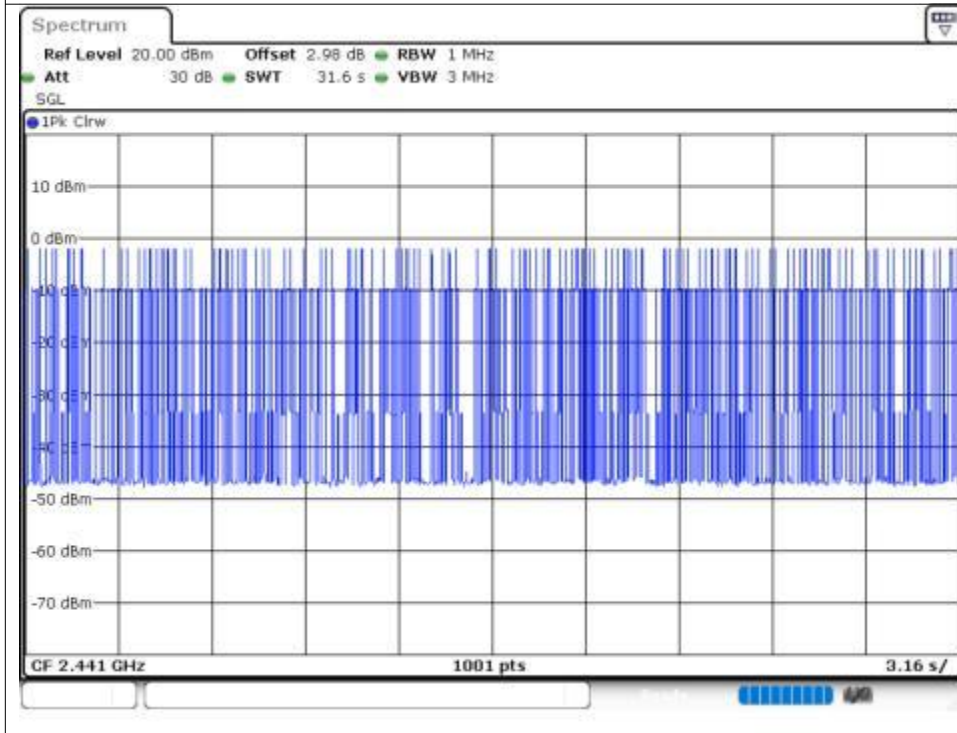
Dwell NVNT 3-DH1 2441MHz Ant1 Accumulated



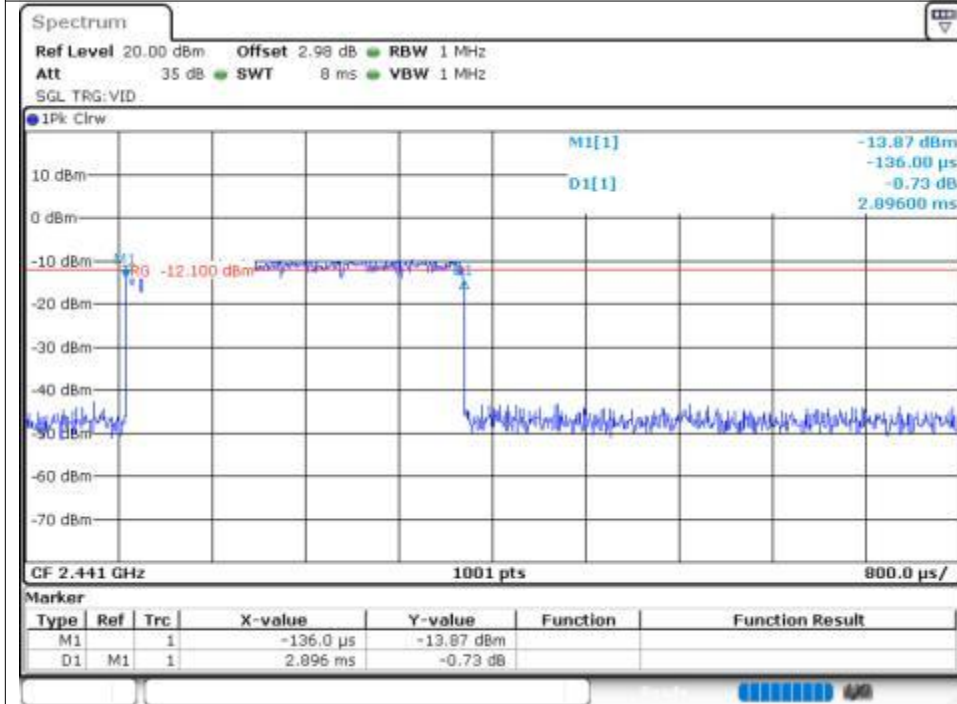
Dwell NVNT 3-DH3 2441MHz Ant1 One Burst



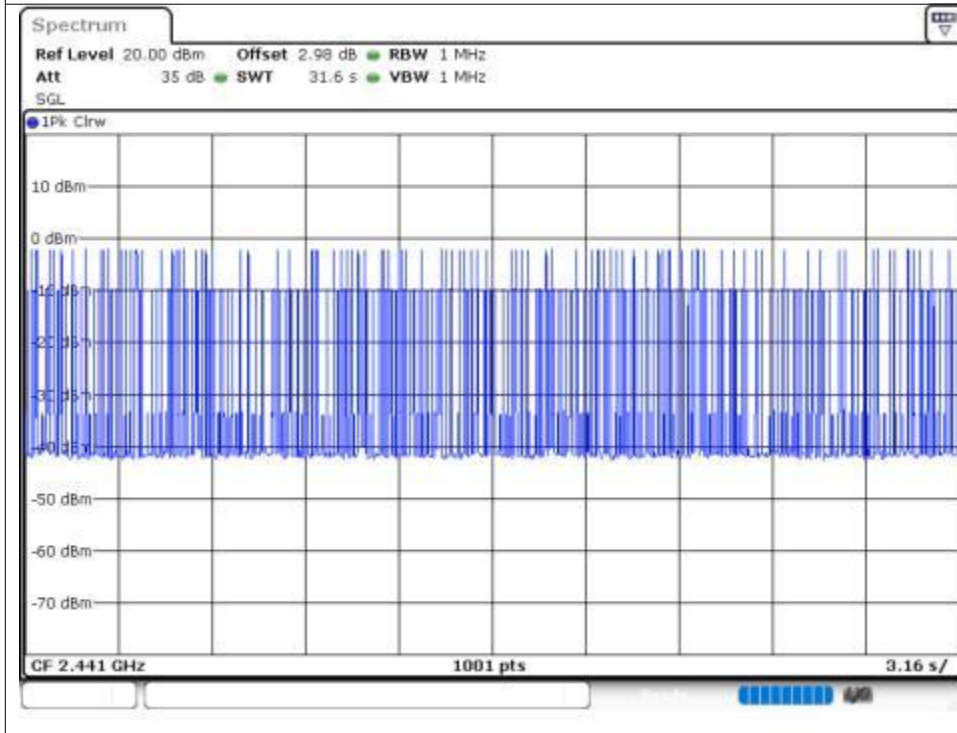
Dwell NVNT 3-DH3 2441MHz Ant1 Accumulated



Dwell NVNT 3-DH5 2441MHz Ant1 One Burst



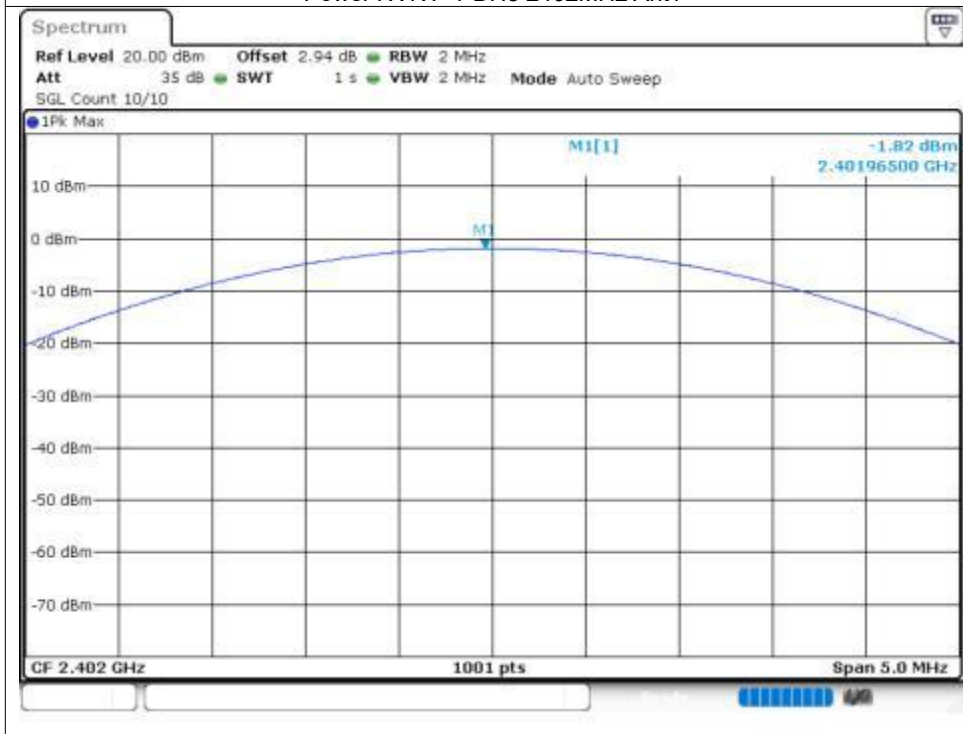
Dwell NVNT 3-DH5 2441MHz Ant1 Accumulated



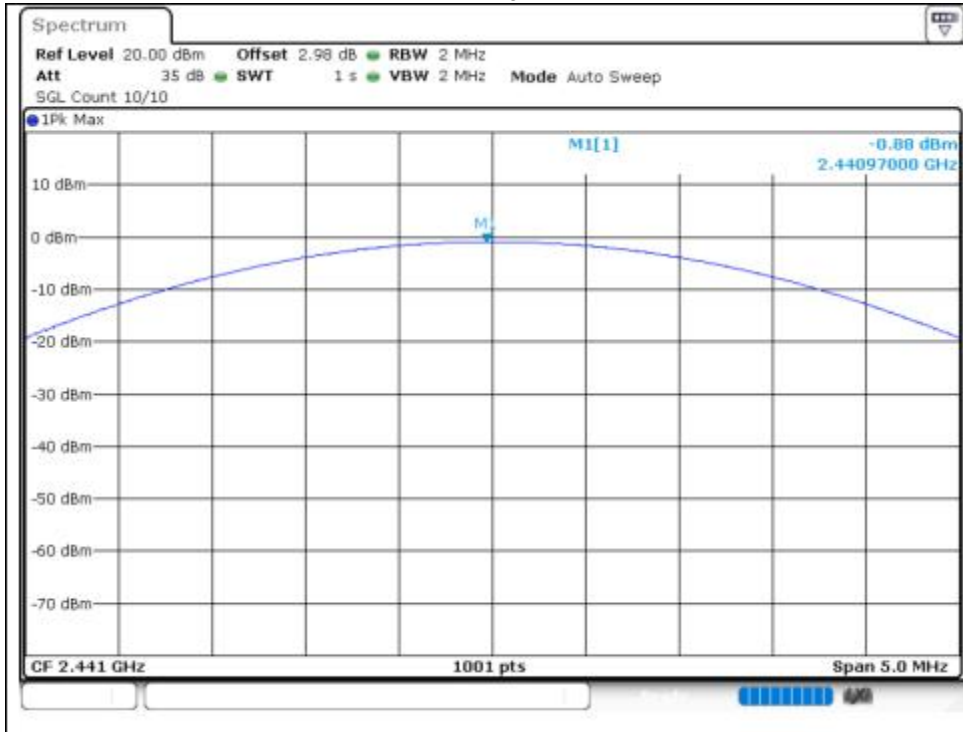
8.2 MAXIMUM CONDUCTED OUTPUT POWER

Condition	Mode	Frequency (MHz)	Antenna	Conducted Power (dBm)	Duty Factor (dB)	Total Power (dBm)	Limit (dBm)	Verdict
NVNT	1-DH5	2402	Ant1	-1.82	0	-1.82	21	Pass
NVNT	1-DH5	2441	Ant1	-0.88	0	-0.88	21	Pass
NVNT	1-DH5	2480	Ant1	-0.94	0	-0.94	21	Pass
NVNT	2-DH5	2402	Ant1	-2.56	0	-2.56	21	Pass
NVNT	2-DH5	2441	Ant1	-2.06	0	-2.06	21	Pass
NVNT	2-DH5	2480	Ant1	-1.7	0	-1.7	21	Pass
NVNT	3-DH5	2402	Ant1	-2.54	0	-2.54	21	Pass
NVNT	3-DH5	2441	Ant1	-2.09	0	-2.09	21	Pass
NVNT	3-DH5	2480	Ant1	-1.71	0	-1.71	21	Pass

Test Graphs
Power NVNT 1-DH5 2402MHz Ant1



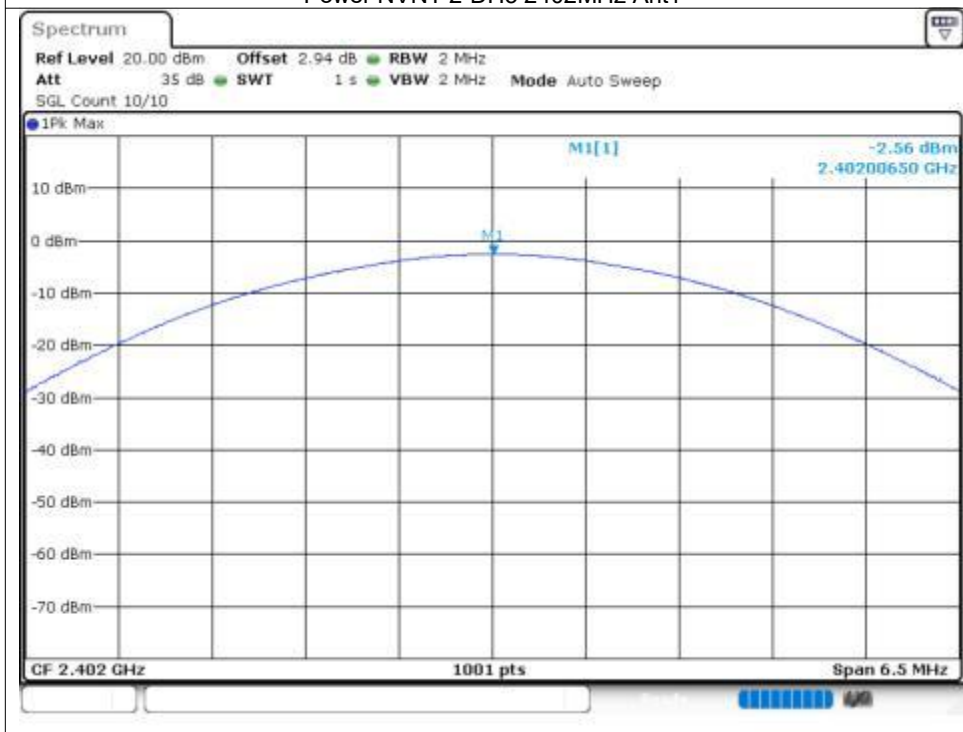
Power NVNT 1-DH5 2441MHz Ant1



Power NVNT 1-DH5 2480MHz Ant1



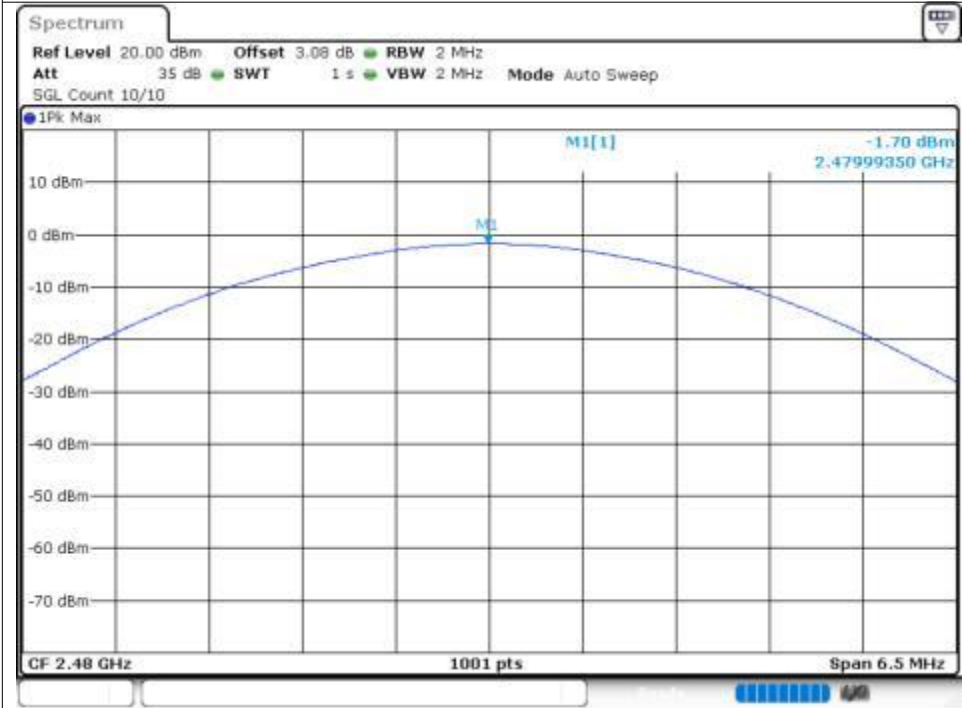
Power NVNT 2-DH5 2402MHz Ant1



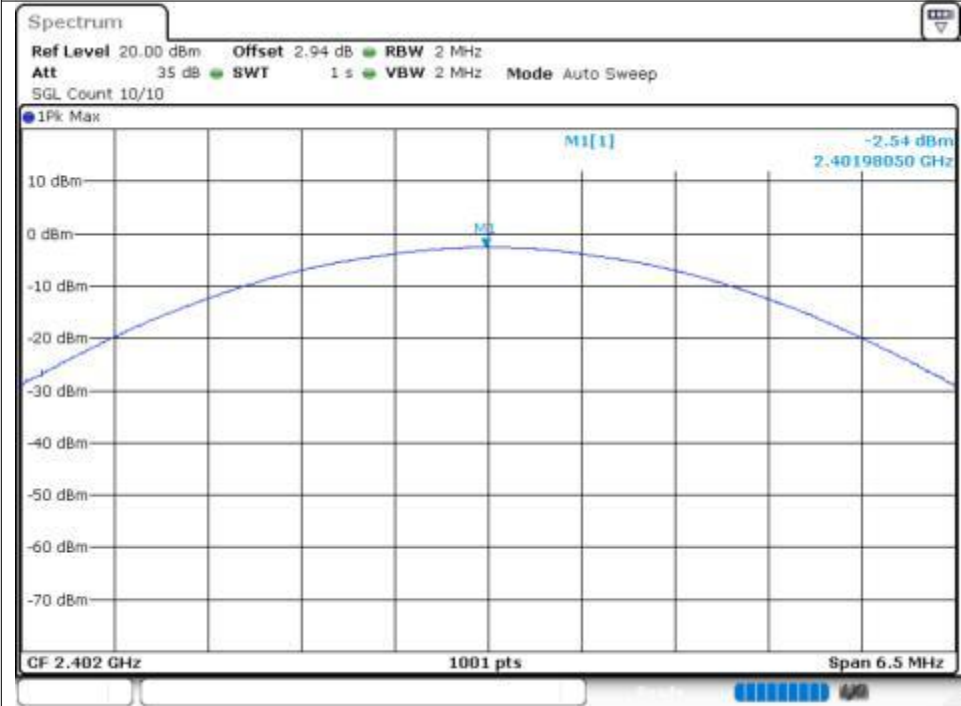
Power NVNT 2-DH5 2441MHz Ant1



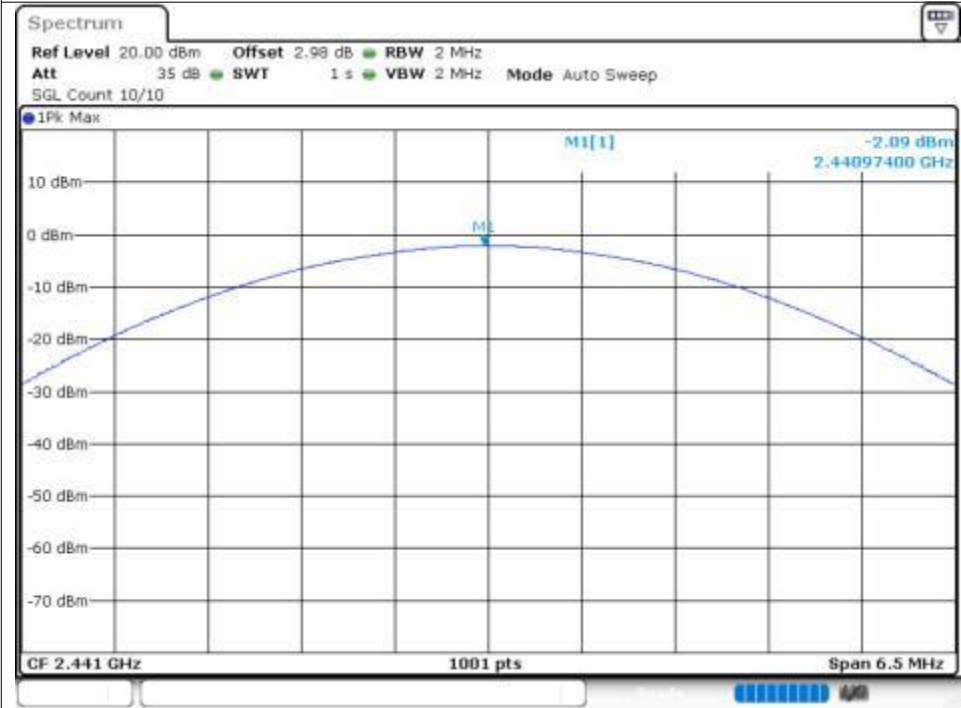
Power NVNT 2-DH5 2480MHz Ant1



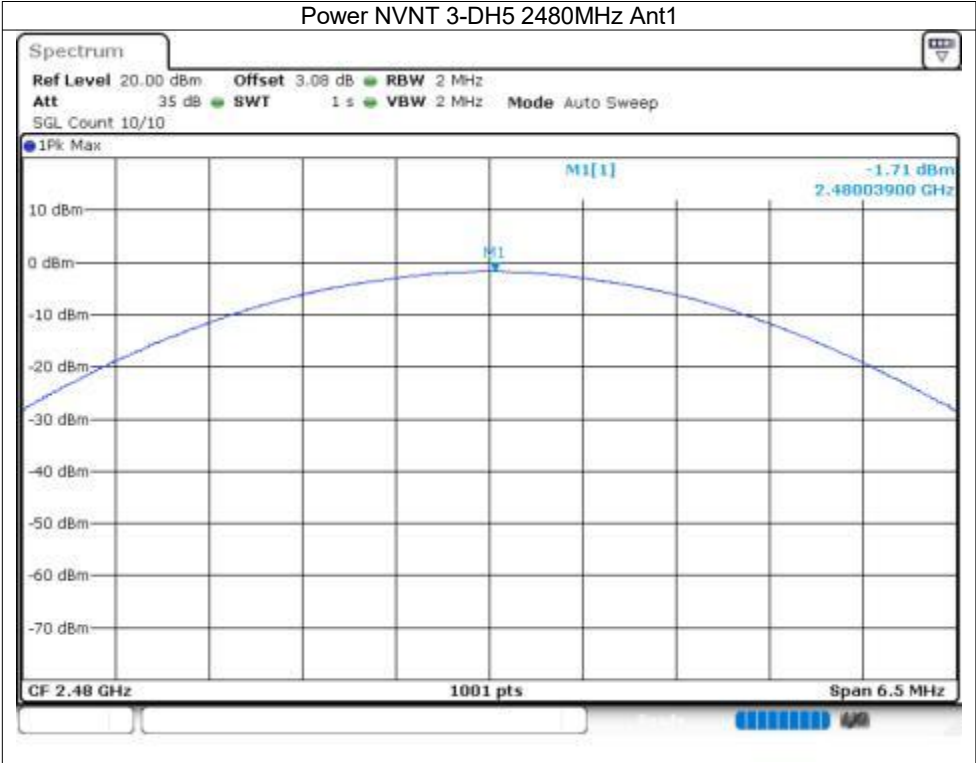
Power NVNT 3-DH5 2402MHz Ant1



Power NVNT 3-DH5 2441MHz Ant1



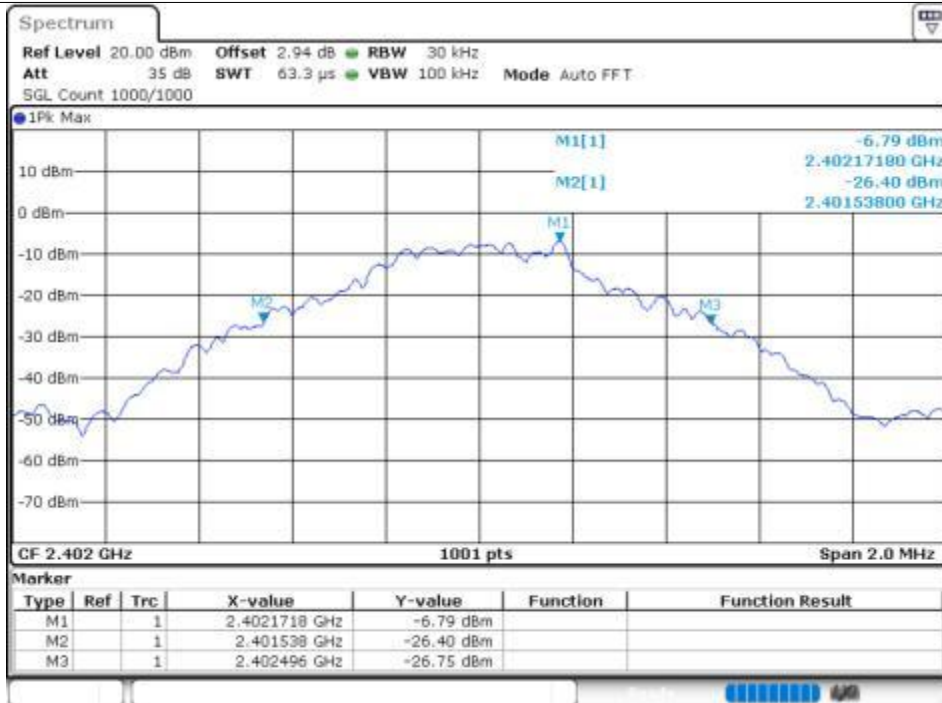
Power NVNT 3-DH5 2480MHz Ant1



8.3 -20dB BANDWIDTH

Condition	Mode	Frequency (MHz)	Antenna	-20 dB Bandwidth (MHz)	Limit -20 dB Bandwidth (MHz)	Verdict
NVNT	1-DH5	2402	Ant1	0.958	0	Pass
NVNT	1-DH5	2441	Ant1	0.948	0	Pass
NVNT	1-DH5	2480	Ant1	0.956	0	Pass
NVNT	2-DH5	2402	Ant1	1.288	0	Pass
NVNT	2-DH5	2441	Ant1	1.288	0	Pass
NVNT	2-DH5	2480	Ant1	1.296	0	Pass
NVNT	3-DH5	2402	Ant1	1.278	0	Pass
NVNT	3-DH5	2441	Ant1	1.314	0	Pass
NVNT	3-DH5	2480	Ant1	1.312	0	Pass

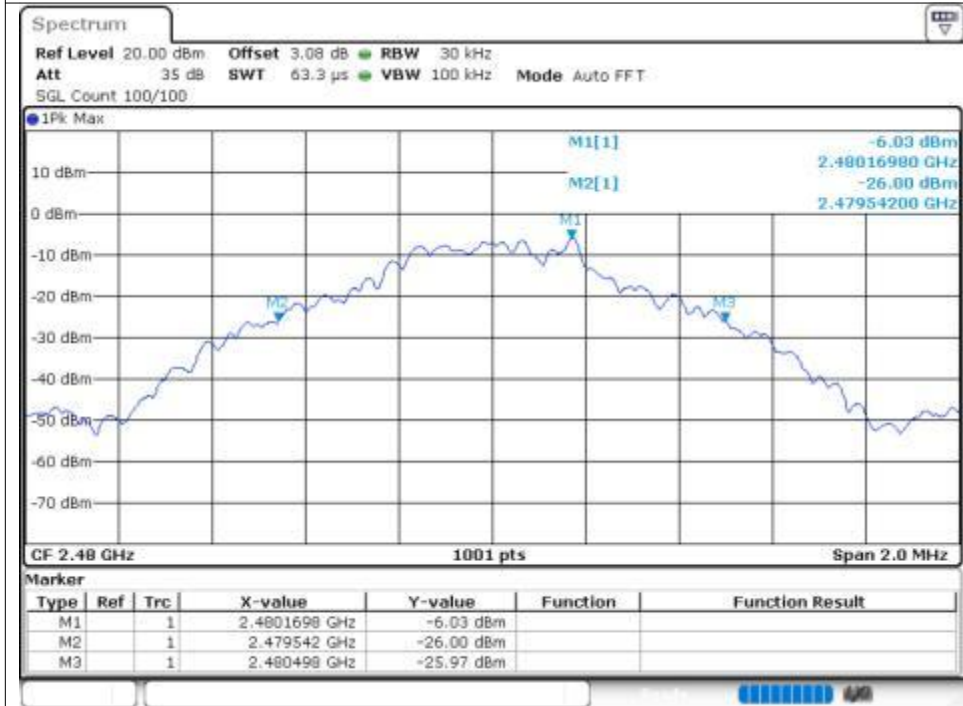
Test Graphs -20dB Bandwidth NVNT 1-DH5 2402MHz Ant1



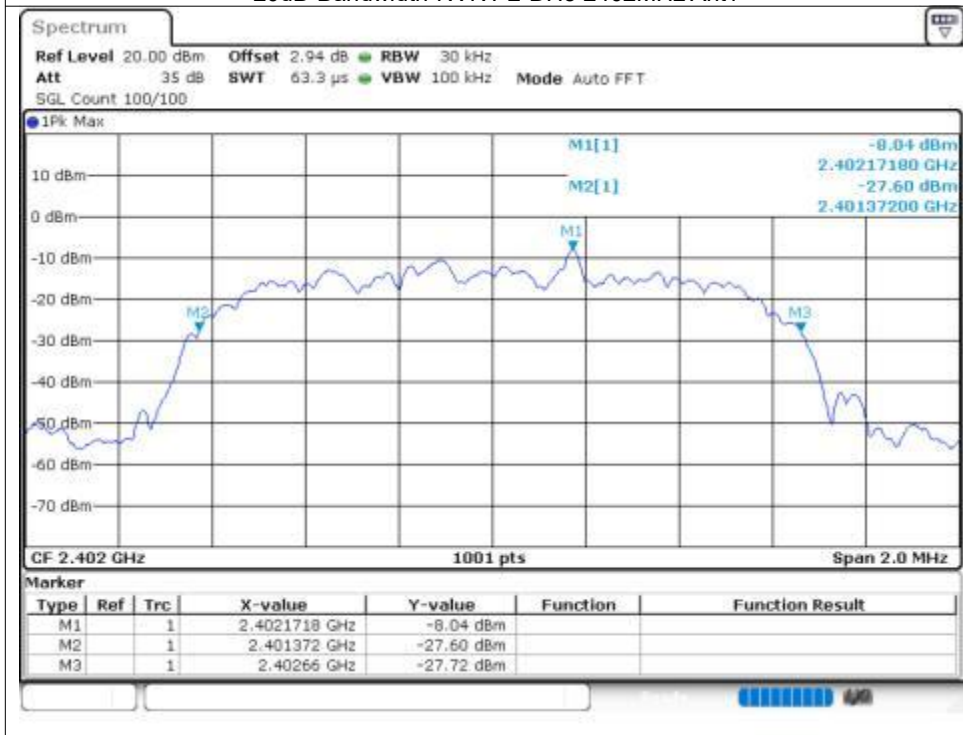
-20dB Bandwidth NVNT 1-DH5 2441MHz Ant1



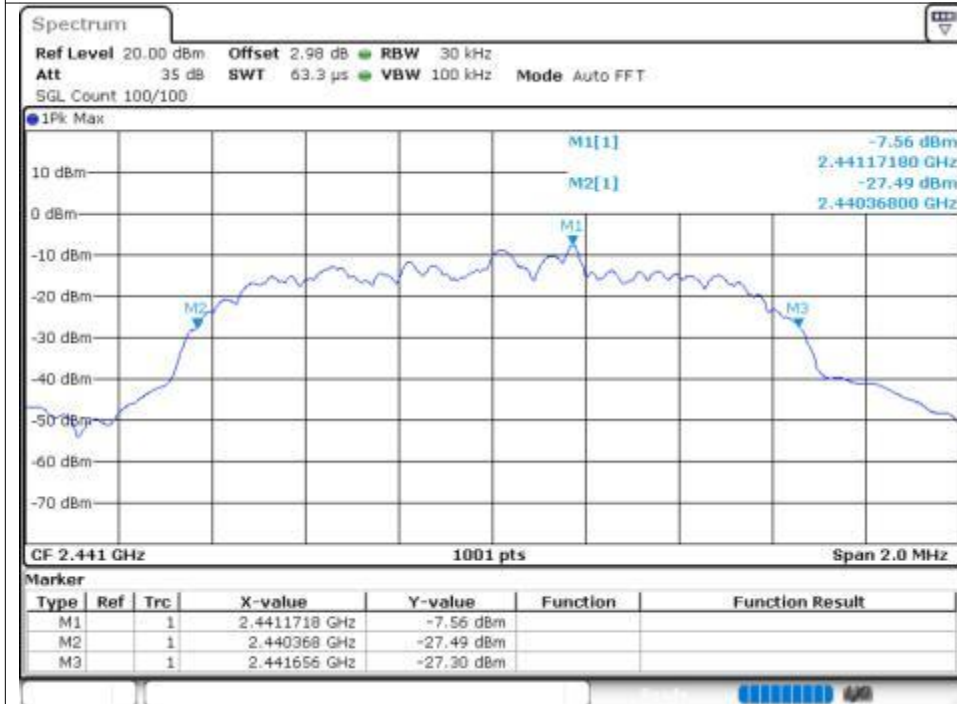
-20dB Bandwidth NVNT 1-DH5 2480MHz Ant1



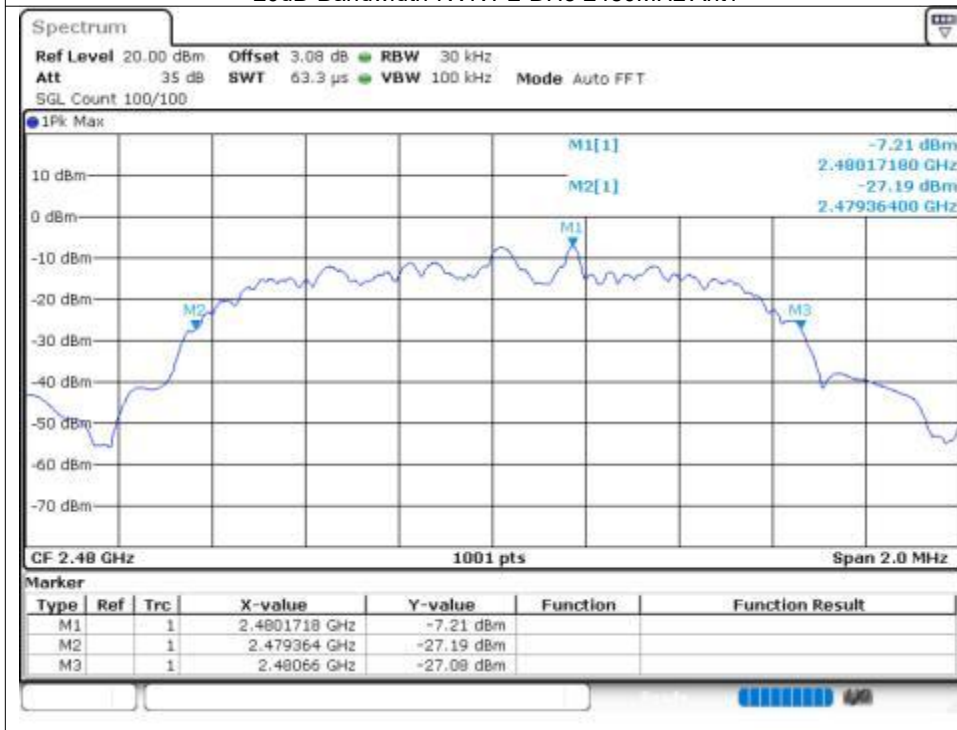
-20dB Bandwidth NVNT 2-DH5 2402MHz Ant1



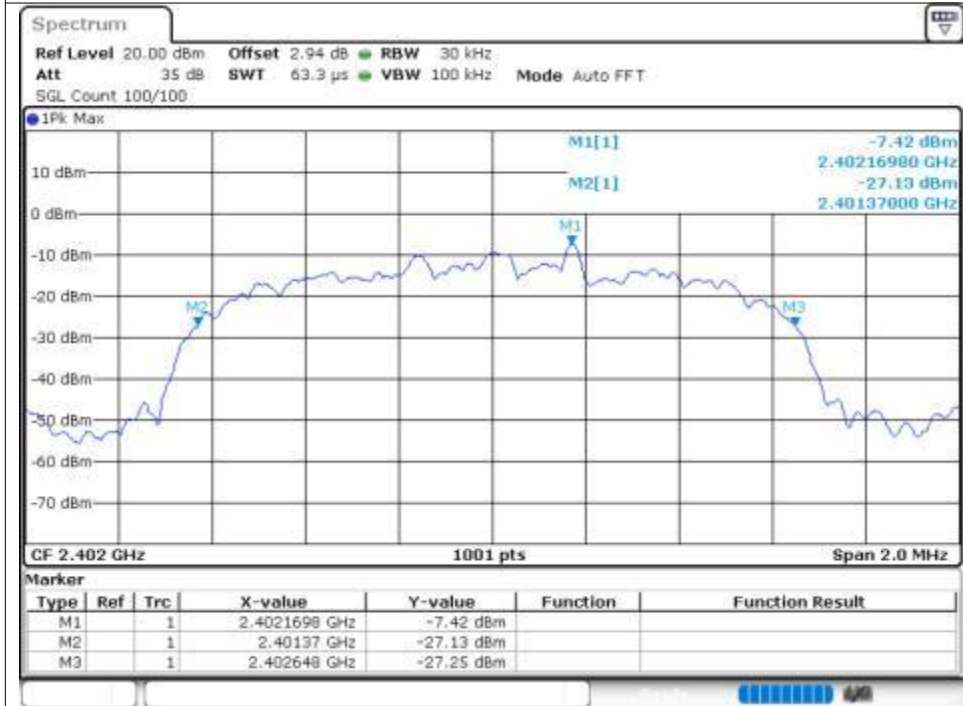
-20dB Bandwidth NVNT 2-DH5 2441MHz Ant1



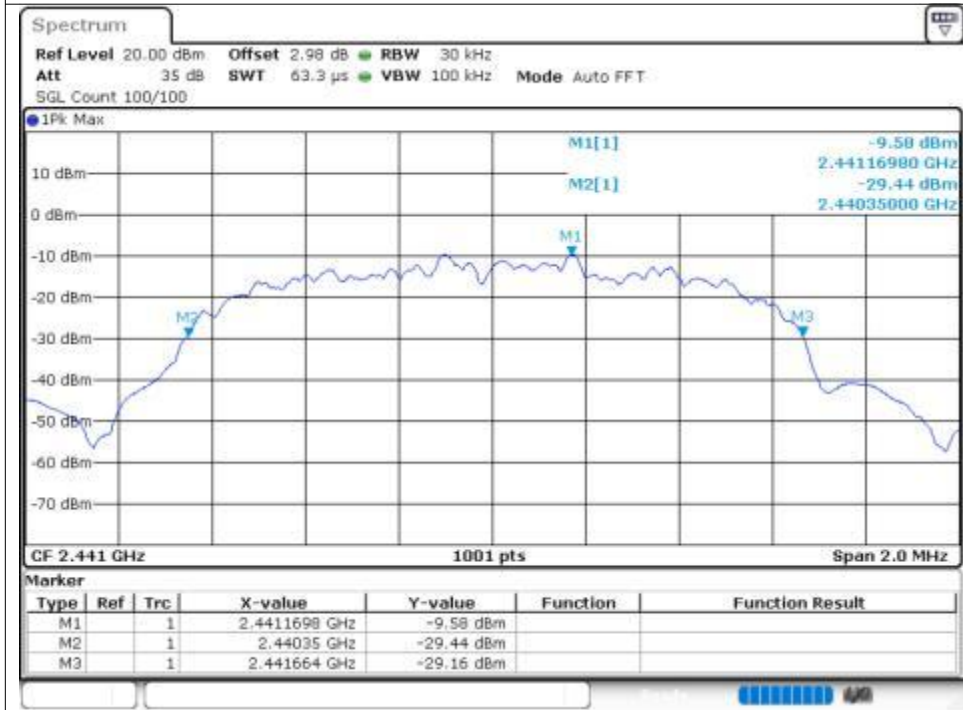
-20dB Bandwidth NVNT 2-DH5 2480MHz Ant1



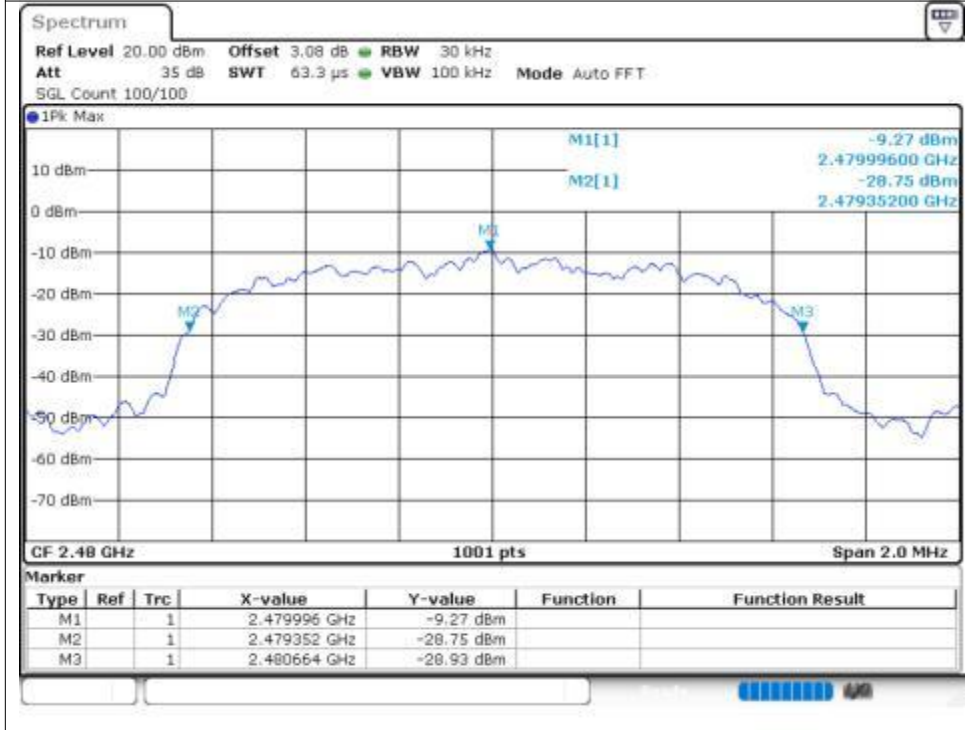
-20dB Bandwidth NVNT 3-DH5 2402MHz Ant1



-20dB Bandwidth NVNT 3-DH5 2441MHz Ant1



-20dB Bandwidth NVNT 3-DH5 2480MHz Ant1



8.4 OCCUPIED CHANNEL BANDWIDTH

Condition	Mode	Frequency (MHz)	Antenna	99% OBW (MHz)
NVNT	1-DH5	2402	Ant1	0.903
NVNT	1-DH5	2441	Ant1	0.921
NVNT	1-DH5	2480	Ant1	0.913
NVNT	2-DH5	2402	Ant1	1.195
NVNT	2-DH5	2441	Ant1	1.193
NVNT	2-DH5	2480	Ant1	1.187
NVNT	3-DH5	2402	Ant1	1.183
NVNT	3-DH5	2441	Ant1	1.203
NVNT	3-DH5	2480	Ant1	1.199

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



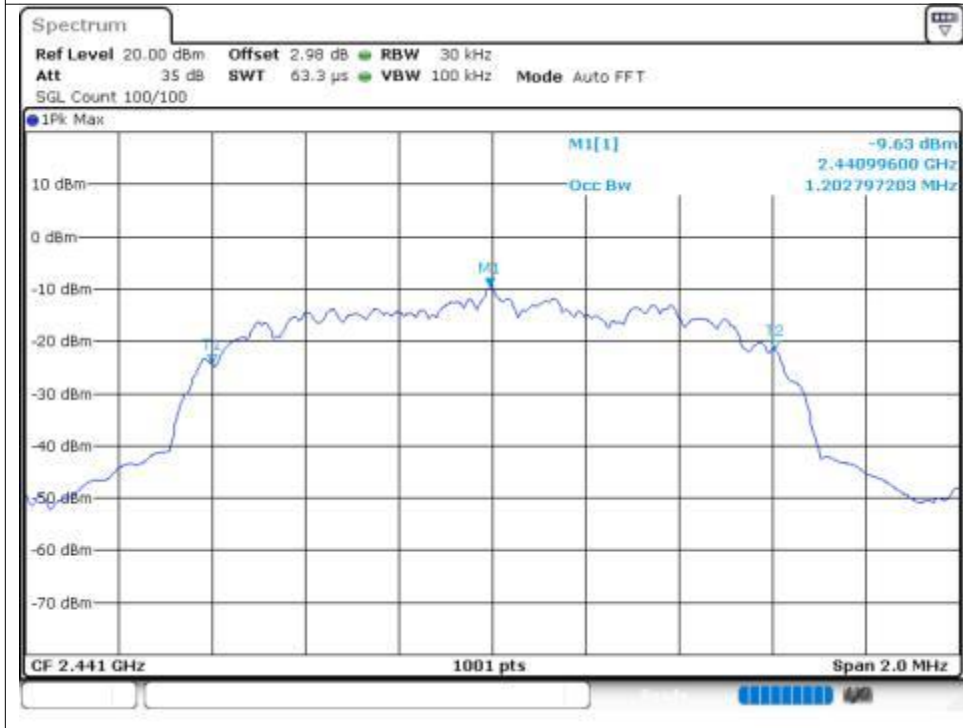
OBW NVNT 2-DH5 2480MHz Ant1



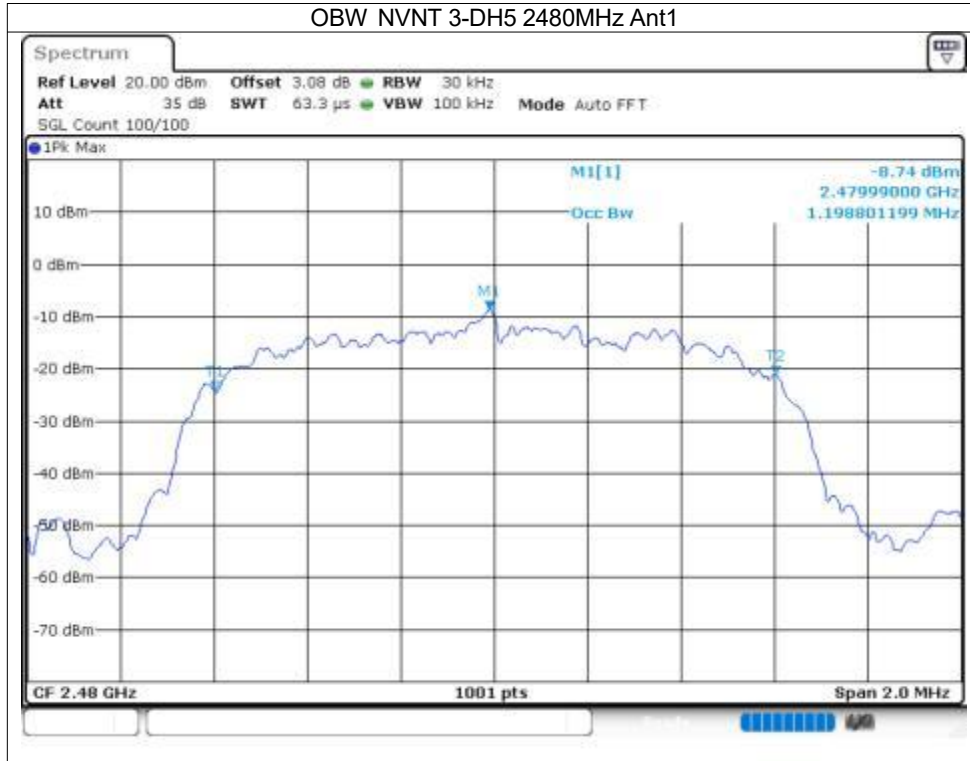
OBW NVNT 3-DH5 2402MHz Ant1



OBW NVNT 3-DH5 2441MHz Ant1



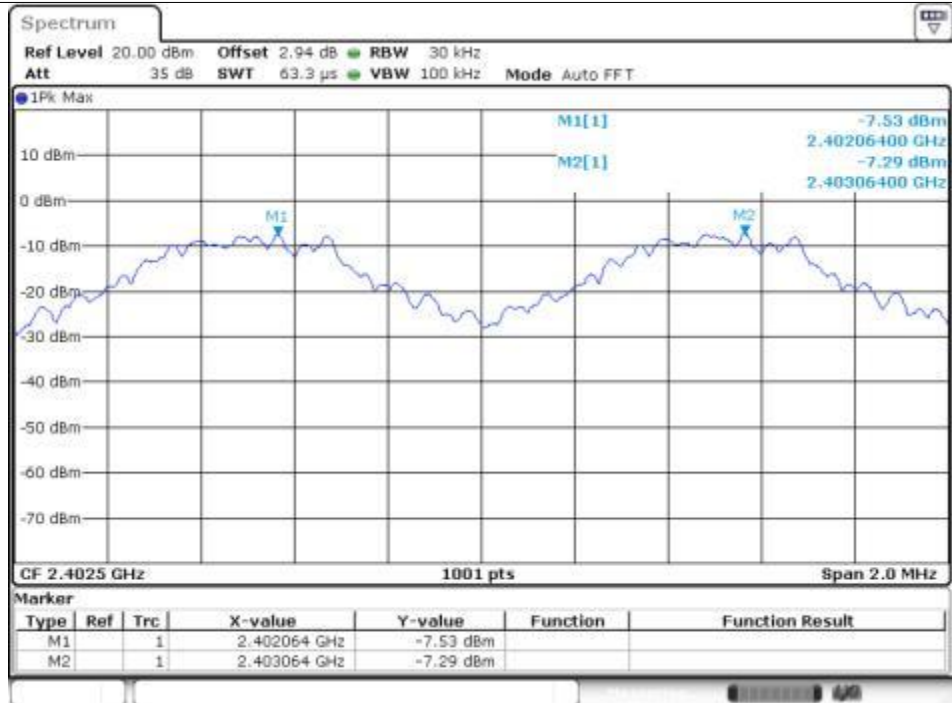
OBW NVNT 3-DH5 2480MHz Ant1



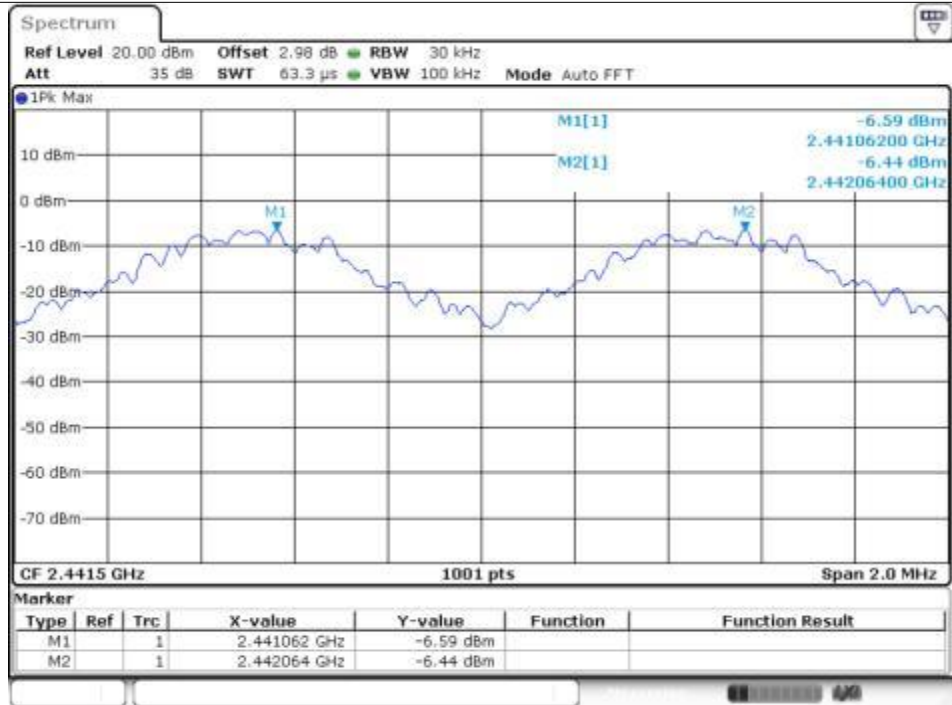
8.5 CARRIER FREQUENCIES SEPARATION

Condition	Mode	Antenna	Hopping Freq1 (MHz)	Hopping Freq2 (MHz)	HFS (MHz)	Limit (MHz)	Verdict
NVNT	1-DH5	Ant1	2402.064	2403.064	1	0.639	Pass
NVNT	1-DH5	Ant1	2441.062	2442.064	1.002	0.632	Pass
NVNT	1-DH5	Ant1	2479.062	2480.172	1.11	0.637	Pass
NVNT	2-DH5	Ant1	2402.17	2403.172	1.002	0.859	Pass
NVNT	2-DH5	Ant1	2441.17	2442.172	1.002	0.859	Pass
NVNT	2-DH5	Ant1	2479.015	2480.089	1.074	0.864	Pass
NVNT	3-DH5	Ant1	2401.99	2403.17	1.18	0.852	Pass
NVNT	3-DH5	Ant1	2441.17	2442.17	1	0.876	Pass
NVNT	3-DH5	Ant1	2479.17	2480.172	1.002	0.875	Pass

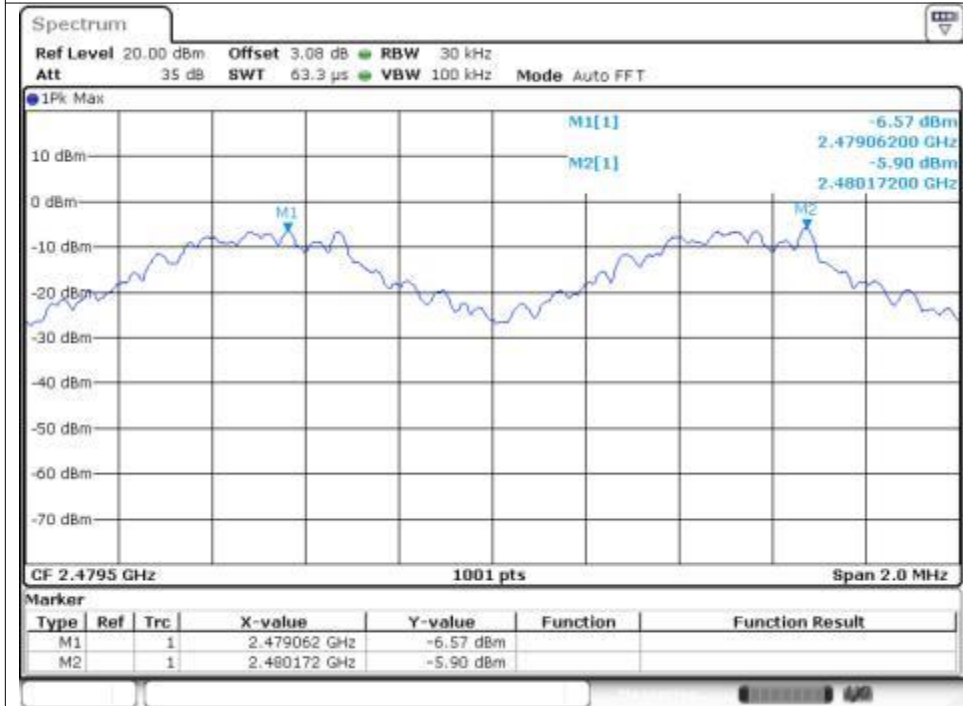
Test Graphs CFS NVNT 1-DH5 2402MHz Ant1



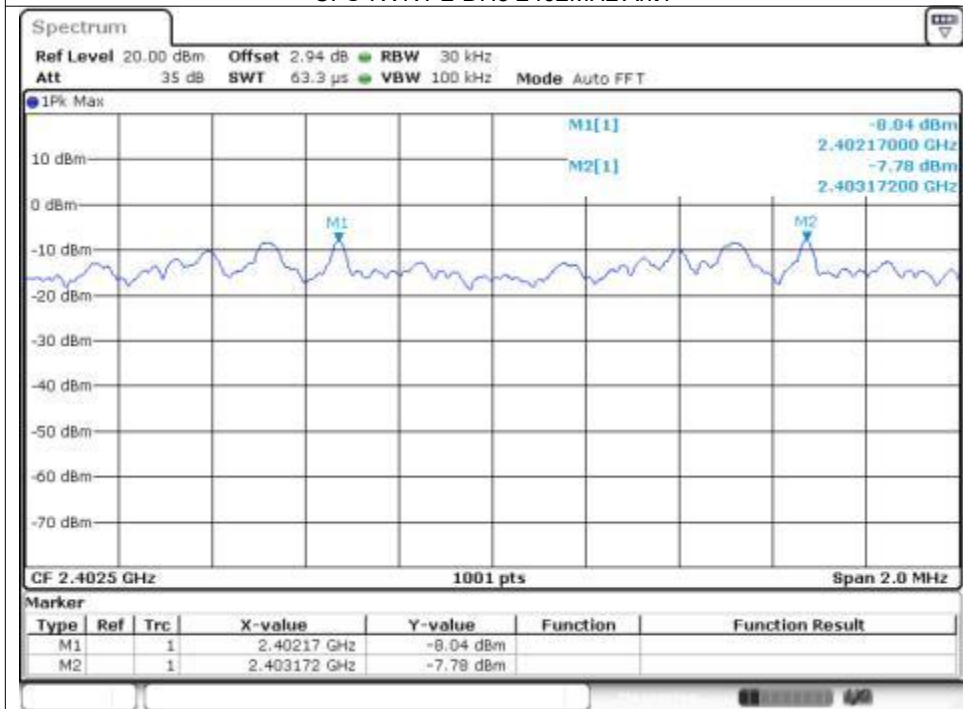
CFS NVNT 1-DH5 2441MHz Ant1



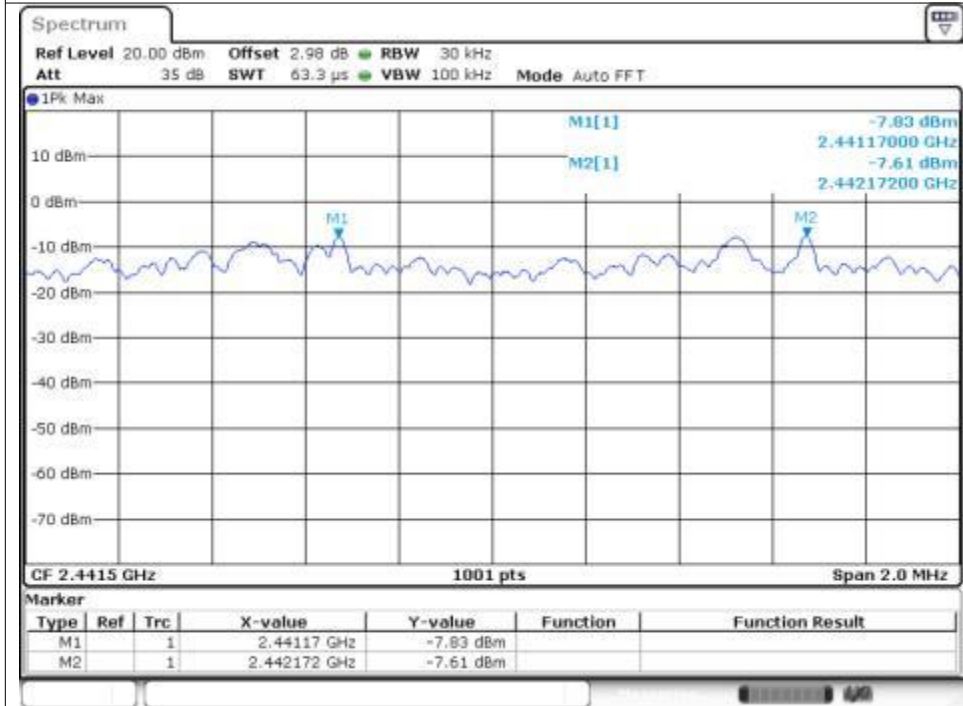
CFS NVNT 1-DH5 2480MHz Ant1



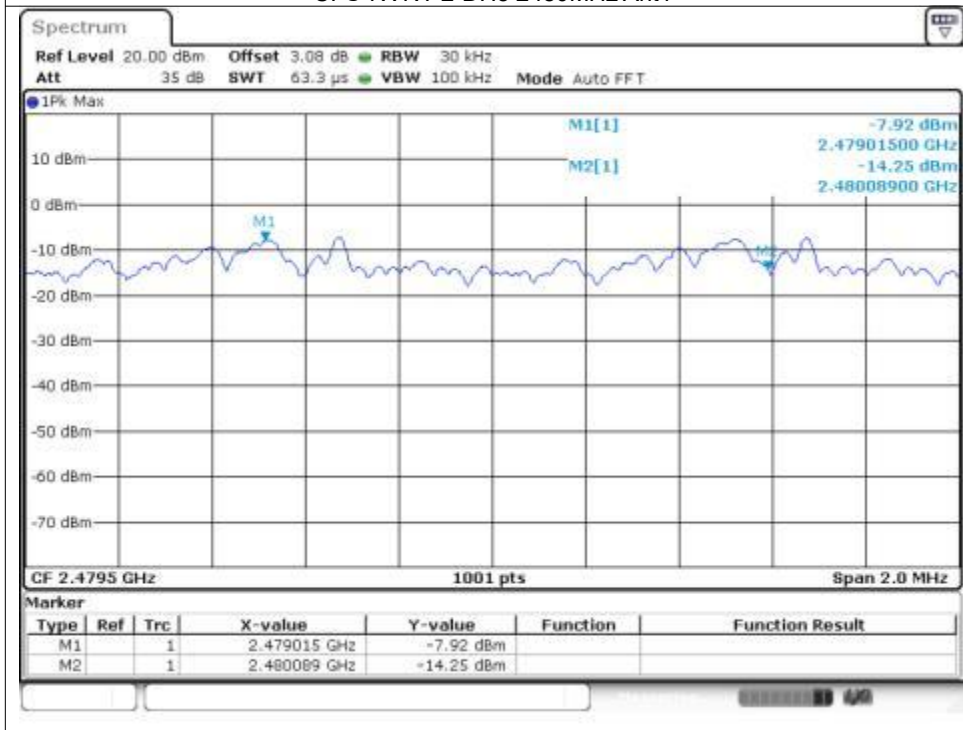
CFS NVNT 2-DH5 2402MHz Ant1



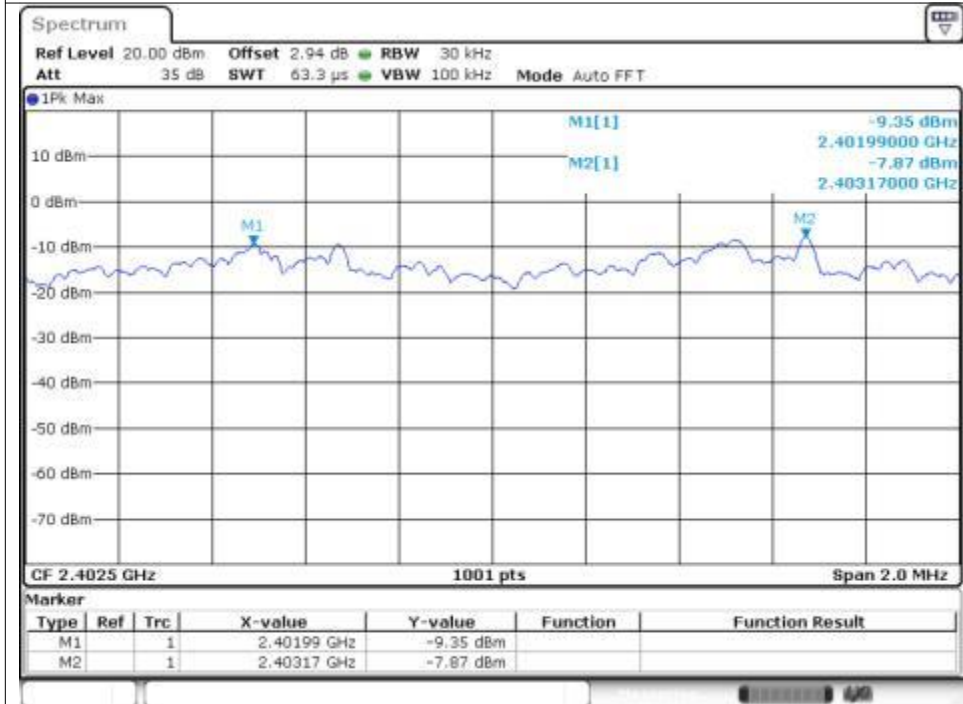
CFS NVNT 2-DH5 2441MHz Ant1



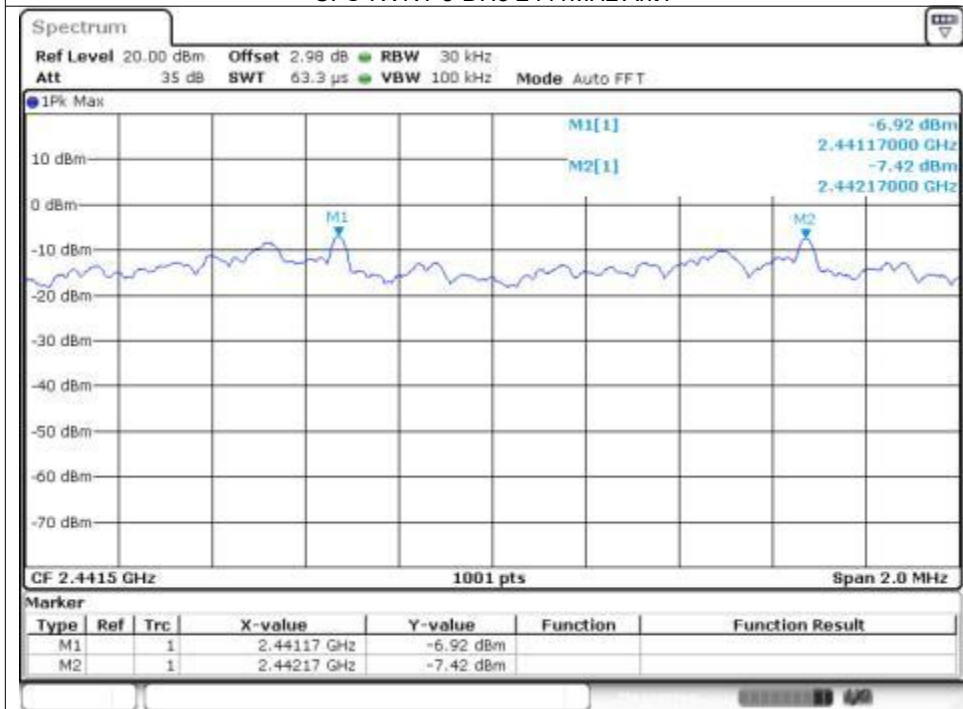
CFS NVNT 2-DH5 2480MHz Ant1



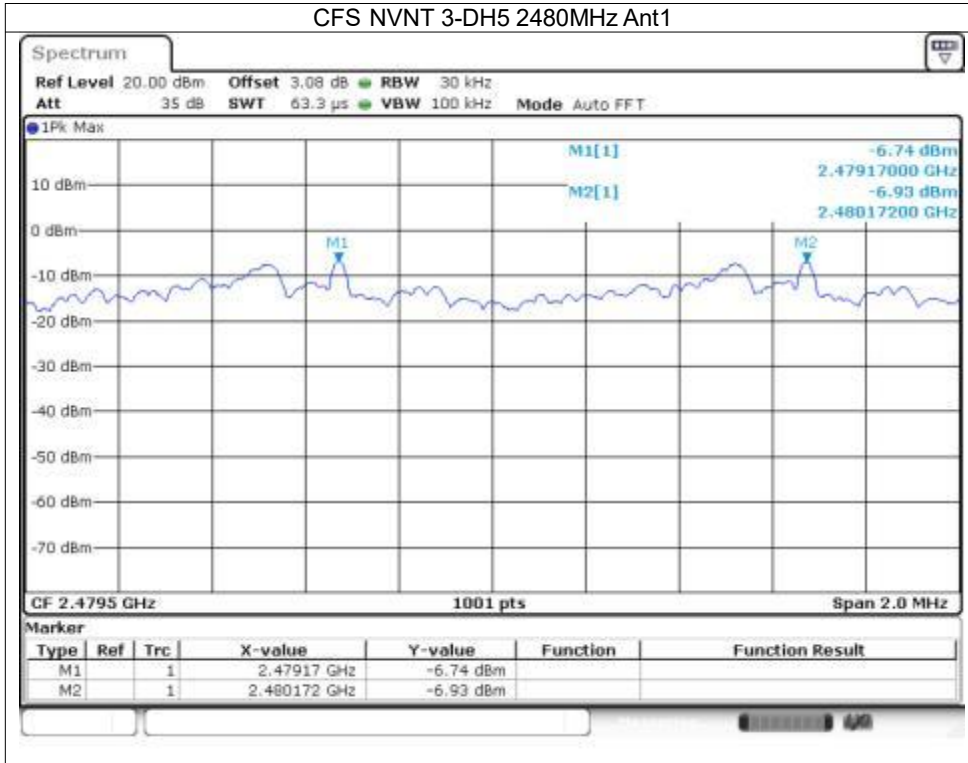
CFS NVNT 3-DH5 2402MHz Ant1



CFS NVNT 3-DH5 2441MHz Ant1



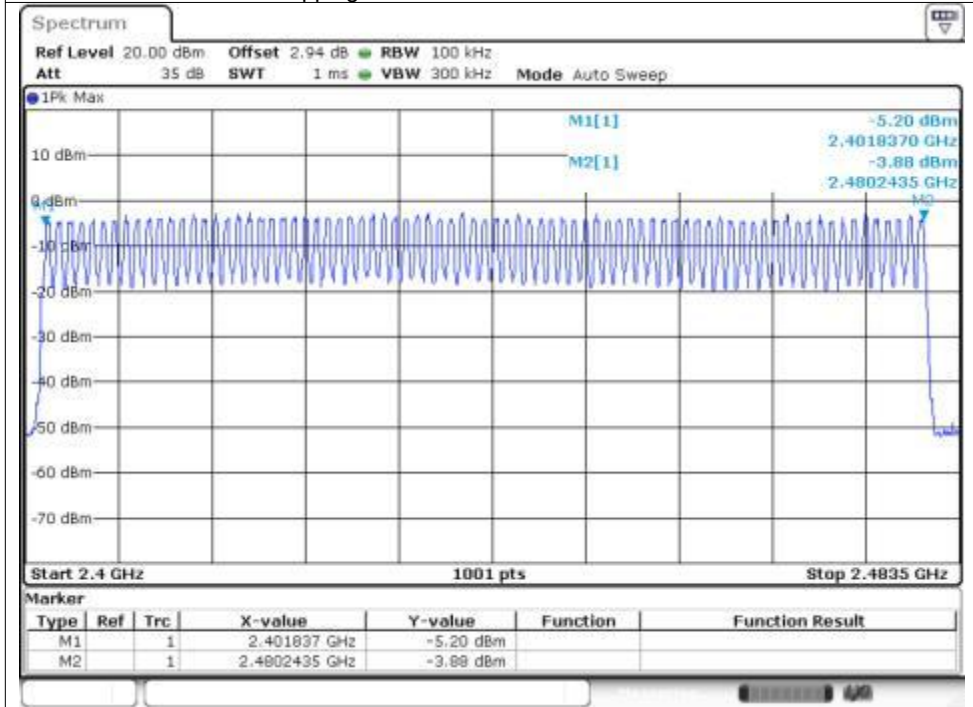
CFS NVNT 3-DH5 2480MHz Ant1



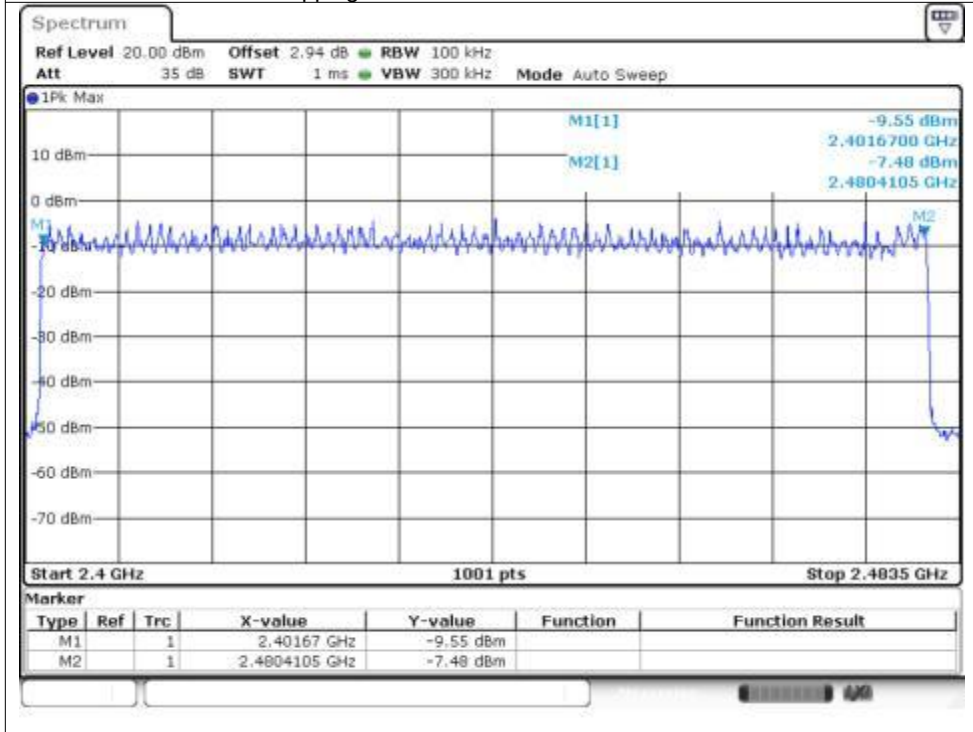
8.6 NUMBER OF HOPPING CHANNEL

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

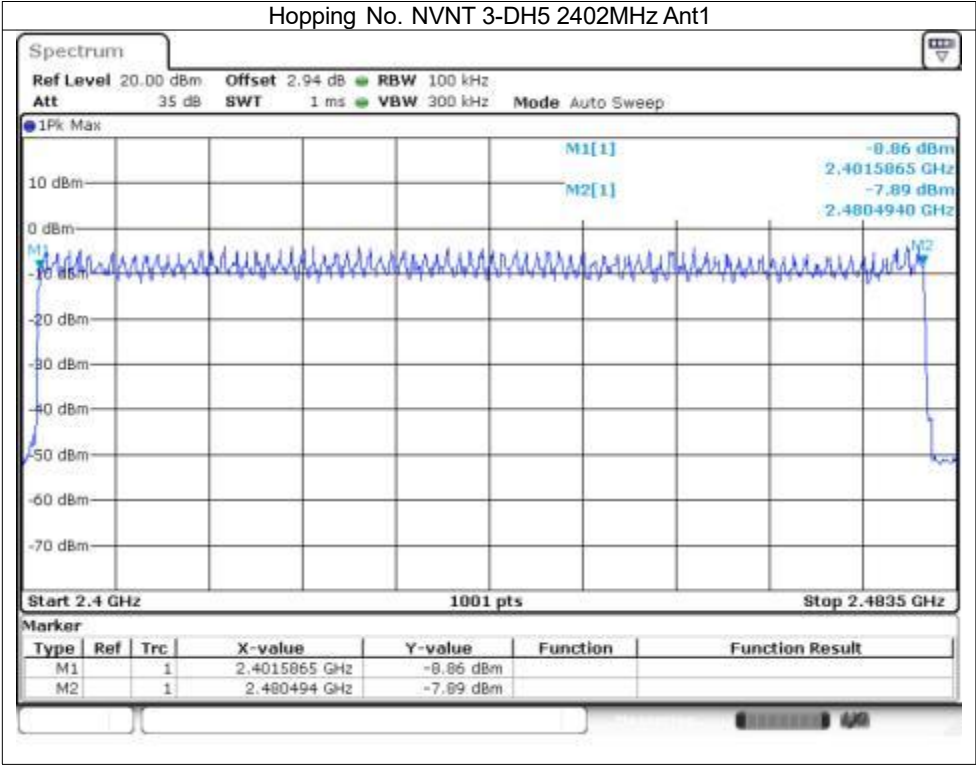
Test Graphs
Hopping No. NVNT 1-DH5 2402MHz Ant1



Hopping No. NVNT 2-DH5 2402MHz Ant1



Hopping No. NVNT 3-DH5 2402MHz Ant1

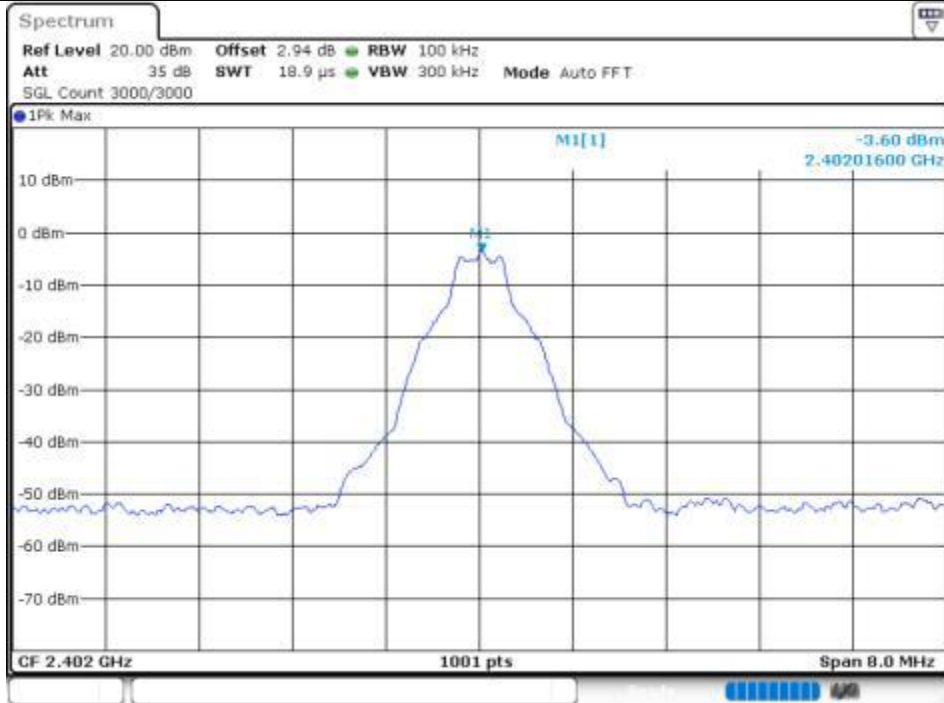


8.7 AND EDGE

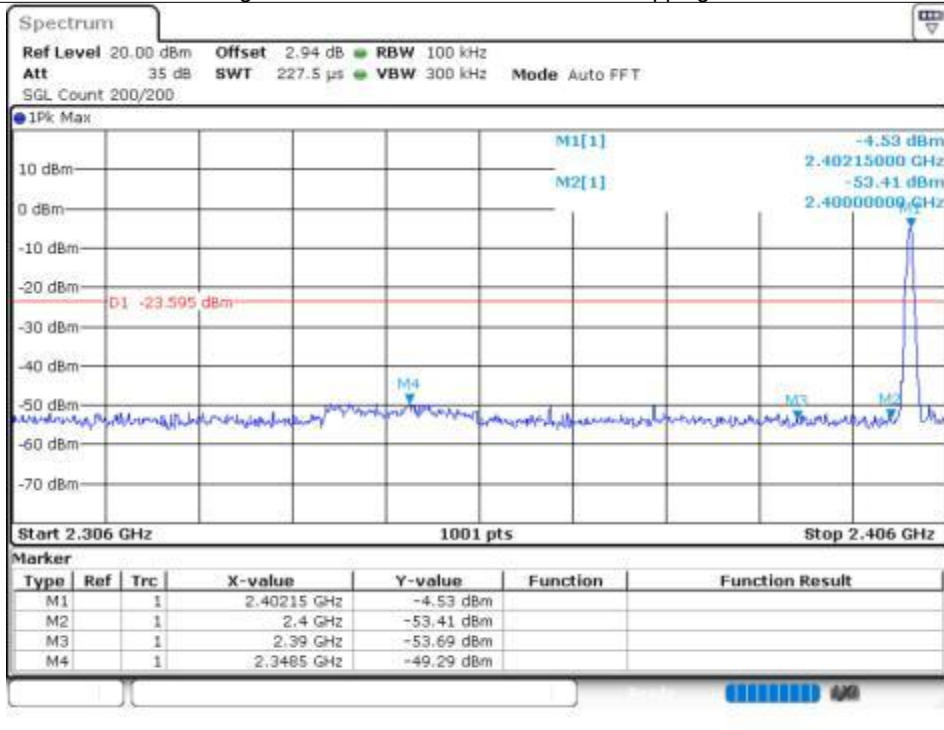
Condition	Mode	Frequency (MHz)	Antenna	Hopping Mode	Max Value (dBc)	Limit (dBc)	Verdict
NVNT	1-DH5	2402	Ant1	No-Hopping	-45.69	-20	Pass
NVNT	1-DH5	2480	Ant1	No-Hopping	-46.53	-20	Pass
NVNT	2-DH5	2402	Ant1	No-Hopping	-40.83	-20	Pass
NVNT	2-DH5	2480	Ant1	No-Hopping	-46.03	-20	Pass
NVNT	3-DH5	2402	Ant1	No-Hopping	-44.43	-20	Pass
NVNT	3-DH5	2480	Ant1	No-Hopping	-45.79	-20	Pass

Test Graphs

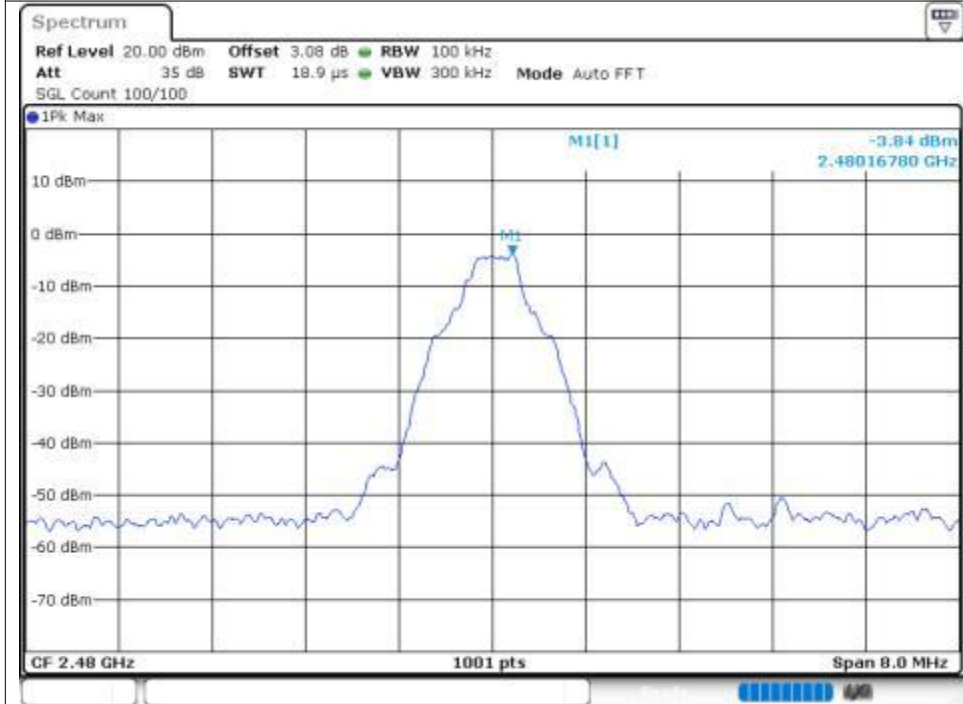
Band Edge NVNT 1-DH5 2402MHz Ant1 No-Hopping Ref



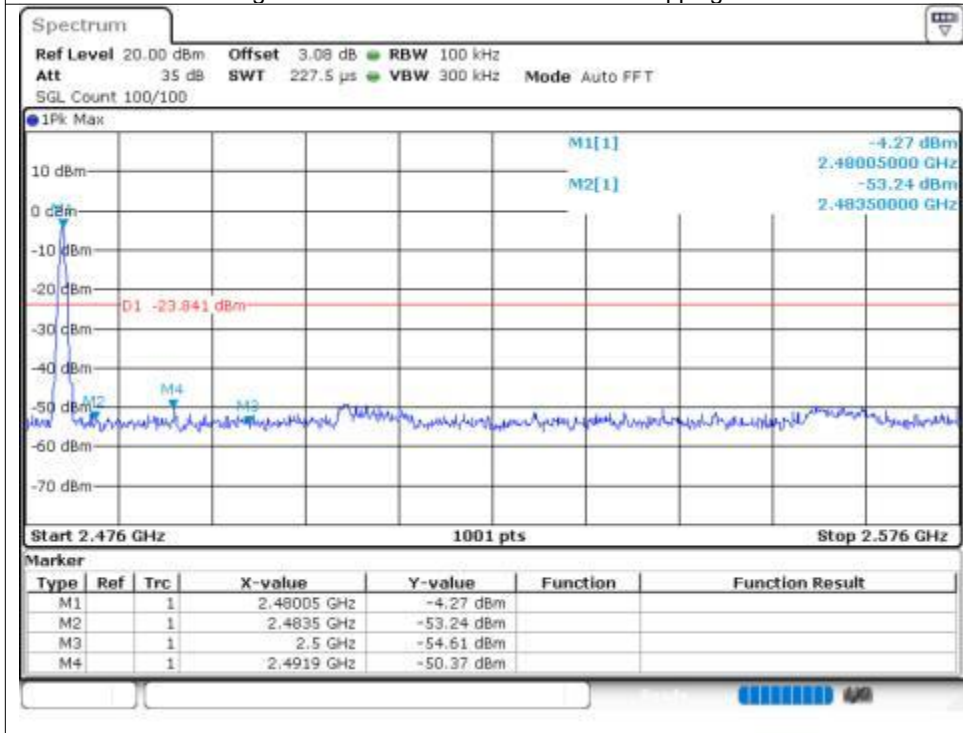
Band Edge NVNT 1-DH5 2402MHz Ant1 No-Hopping Emission



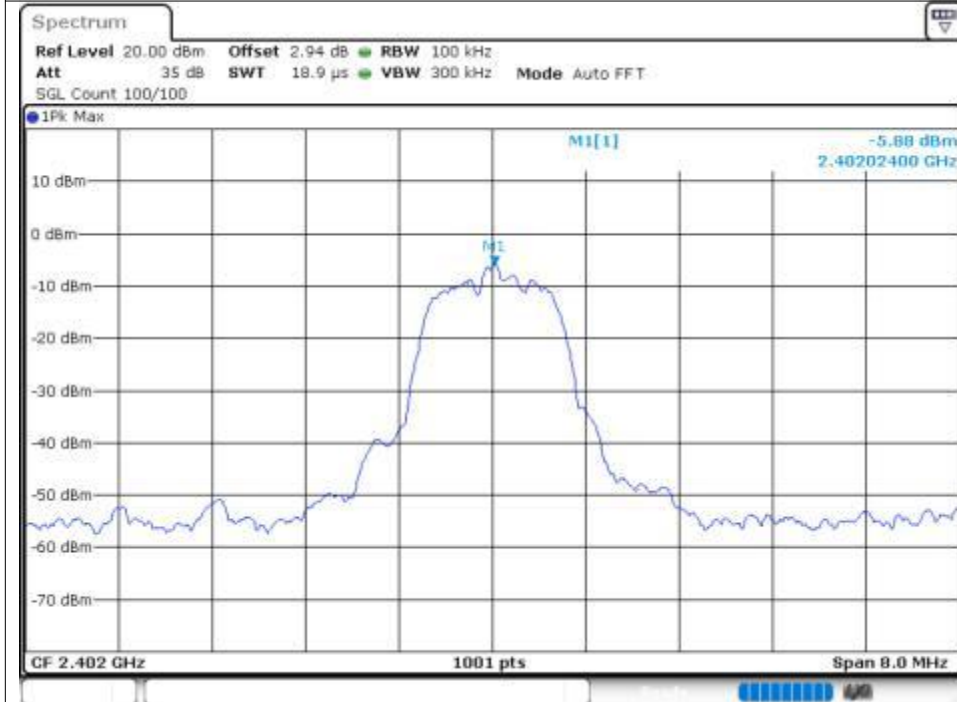
Band Edge NVNT 1-DH5 2480MHz Ant1 No-Hopping Ref



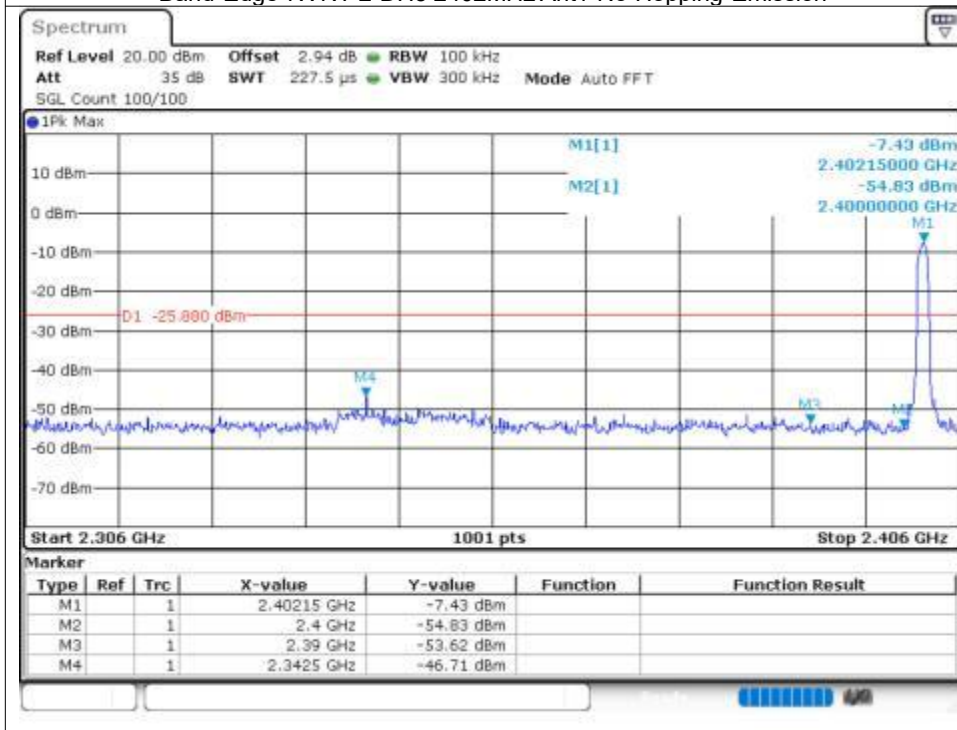
Band Edge NVNT 1-DH5 2480MHz Ant1 No-Hopping Emission



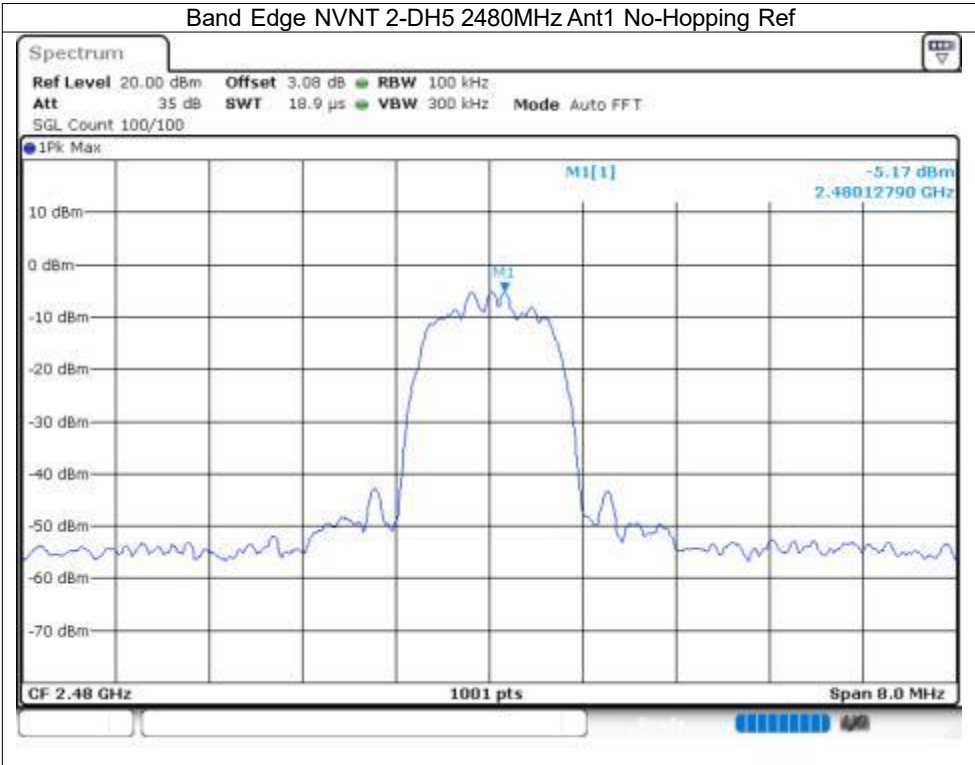
Band Edge NVNT 2-DH5 2402MHz Ant1 No-Hopping Ref



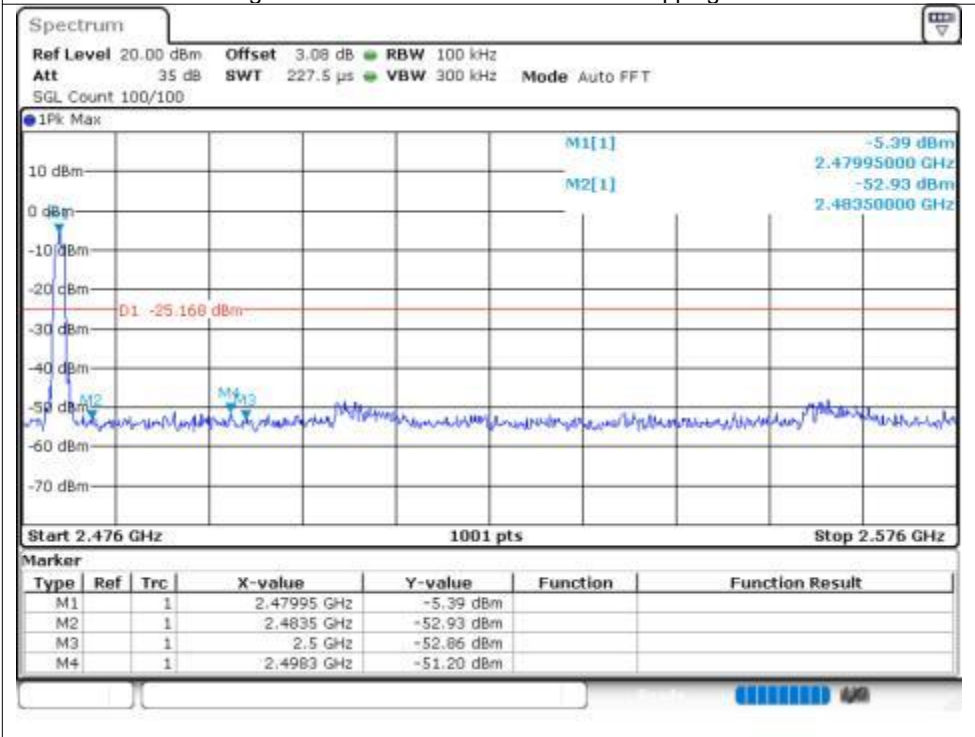
Band Edge NVNT 2-DH5 2402MHz Ant1 No-Hopping Emission



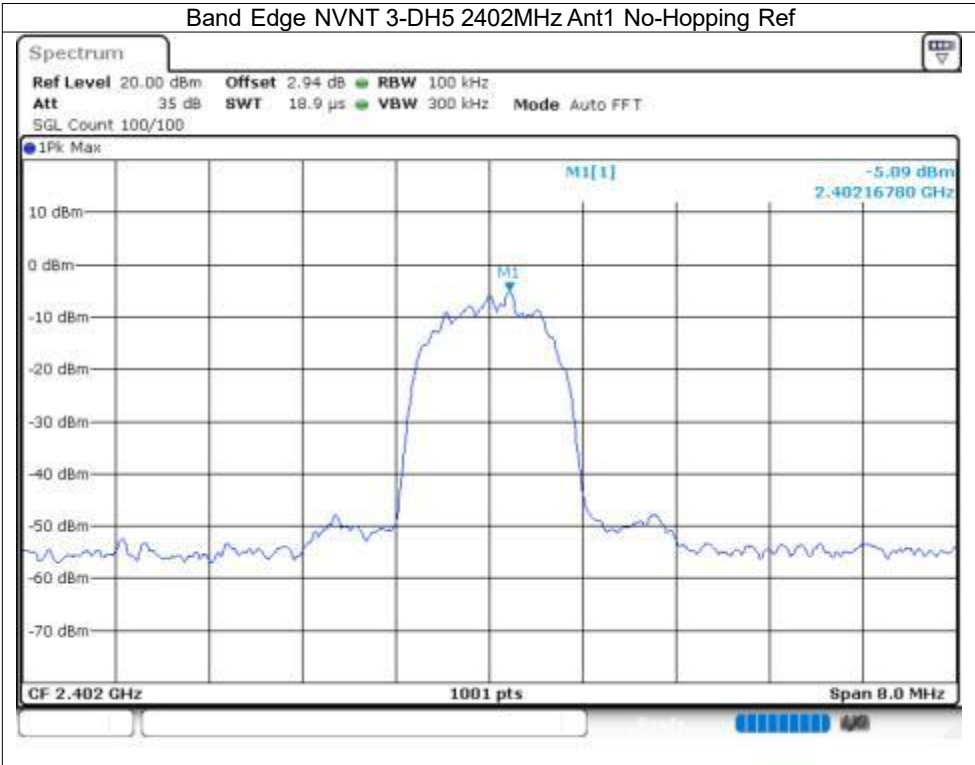
Band Edge NVNT 2-DH5 2480MHz Ant1 No-Hopping Ref



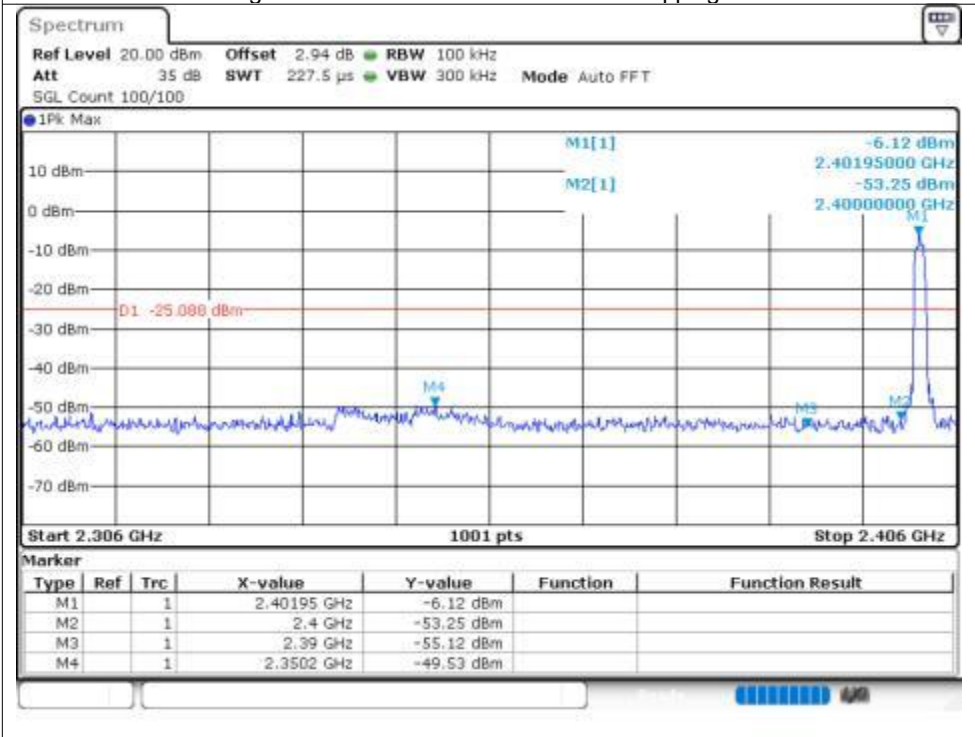
Band Edge NVNT 2-DH5 2480MHz Ant1 No-Hopping Emission



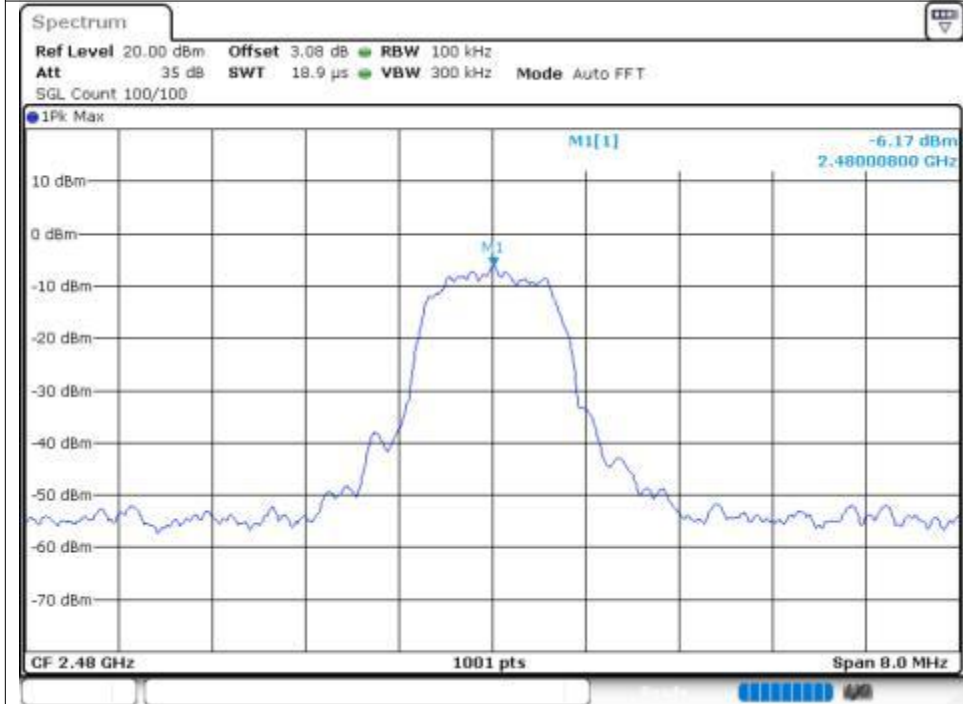
Band Edge NVNT 3-DH5 2402MHz Ant1 No-Hopping Ref



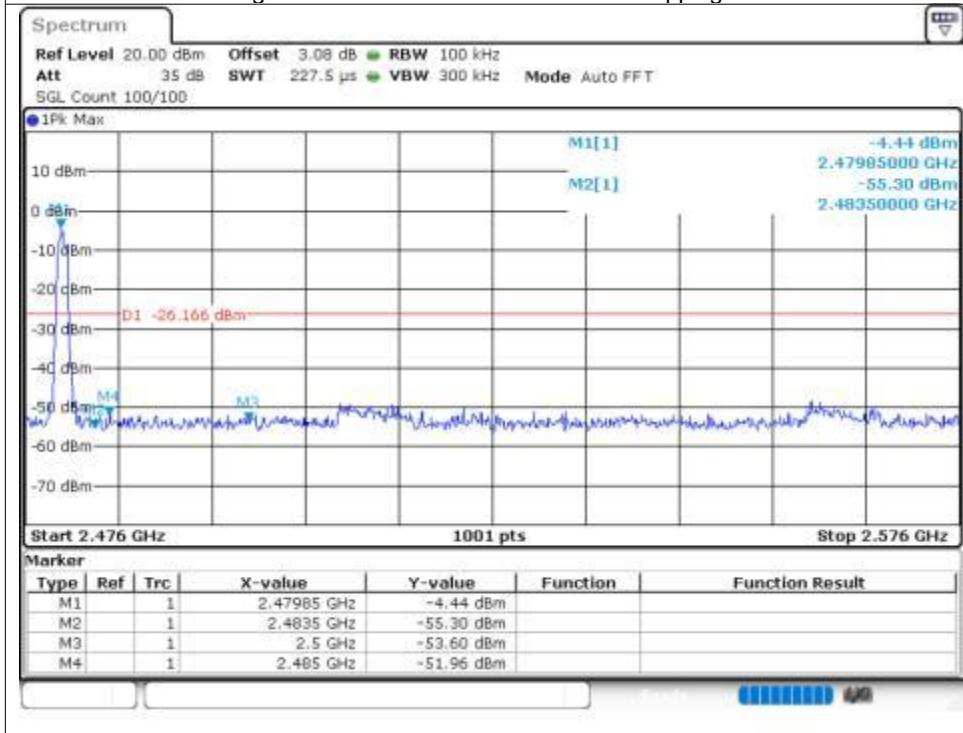
Band Edge NVNT 3-DH5 2402MHz Ant1 No-Hopping Emission



Band Edge NVNT 3-DH5 2480MHz Ant1 No-Hopping Ref



Band Edge NVNT 3-DH5 2480MHz Ant1 No-Hopping Emission



8.8 BAND EDGE(HOPPING)

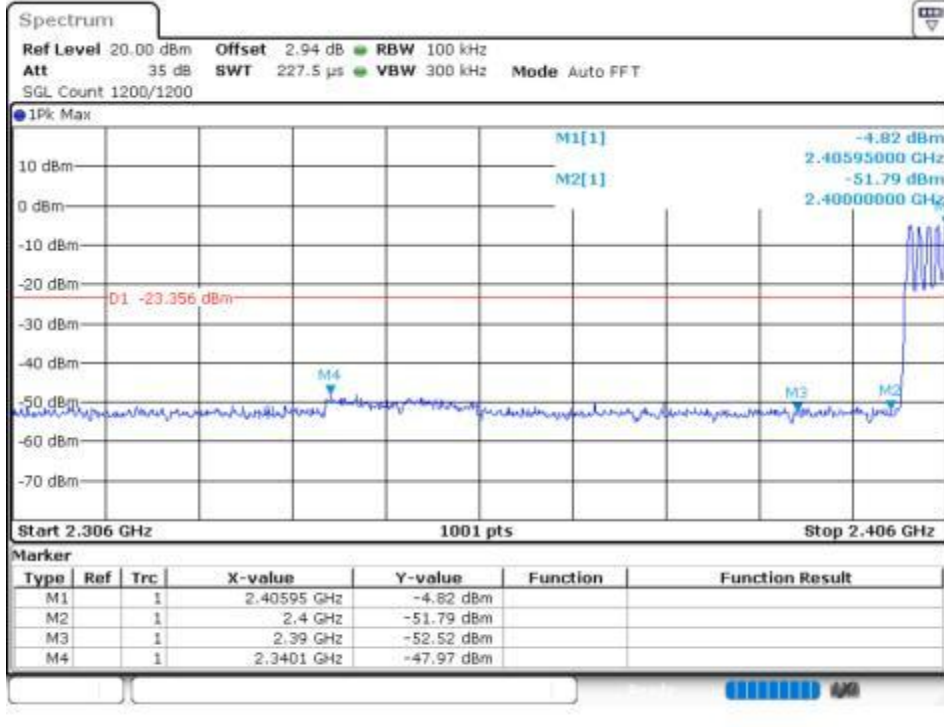
Condition	Mode	Frequency (MHz)	Antenna	Hopping Mode	Max Value (dBc)	Limit (dBc)	Verdict
NVNT	1-DH5	2402	Ant1	Hopping	-44.6	-20	Pass
NVNT	1-DH5	2480	Ant1	Hopping	-47.67	-20	Pass
NVNT	2-DH5	2402	Ant1	Hopping	-43.92	-20	Pass
NVNT	2-DH5	2480	Ant1	Hopping	-46.86	-20	Pass
NVNT	3-DH5	2402	Ant1	Hopping	-43.4	-20	Pass
NVNT	3-DH5	2480	Ant1	Hopping	-46.23	-20	Pass

Test Graphs

Band Edge(Hopping) NVNT 1-DH5 2402MHz Ant1 Hopping Ref



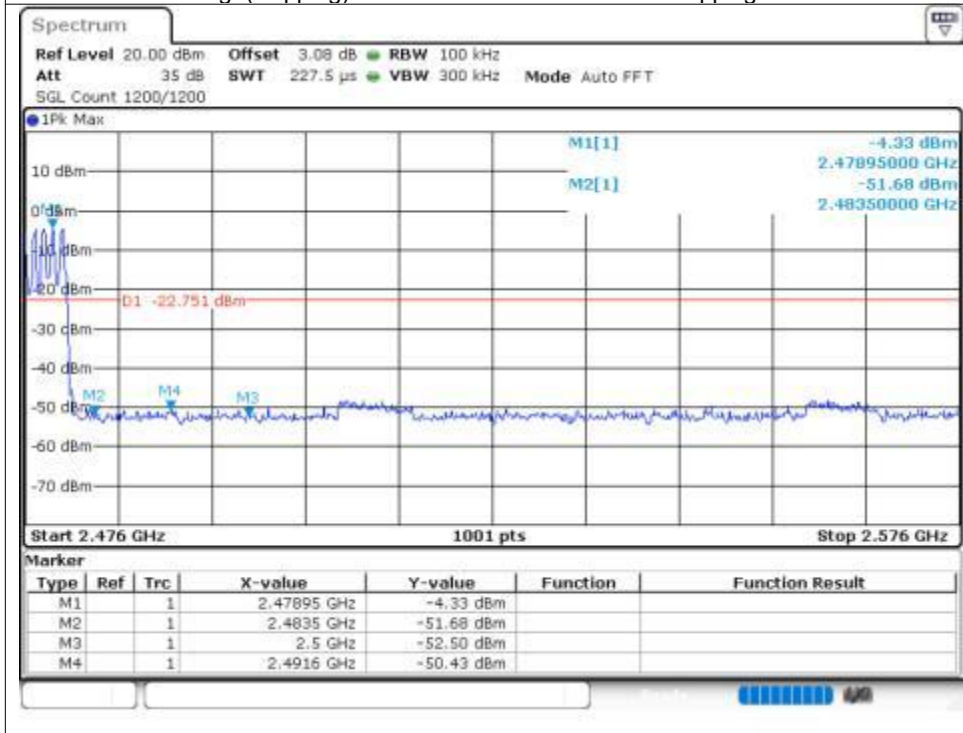
Band Edge(Hopping) NVNT 1-DH5 2402MHz Ant1 Hopping Emission



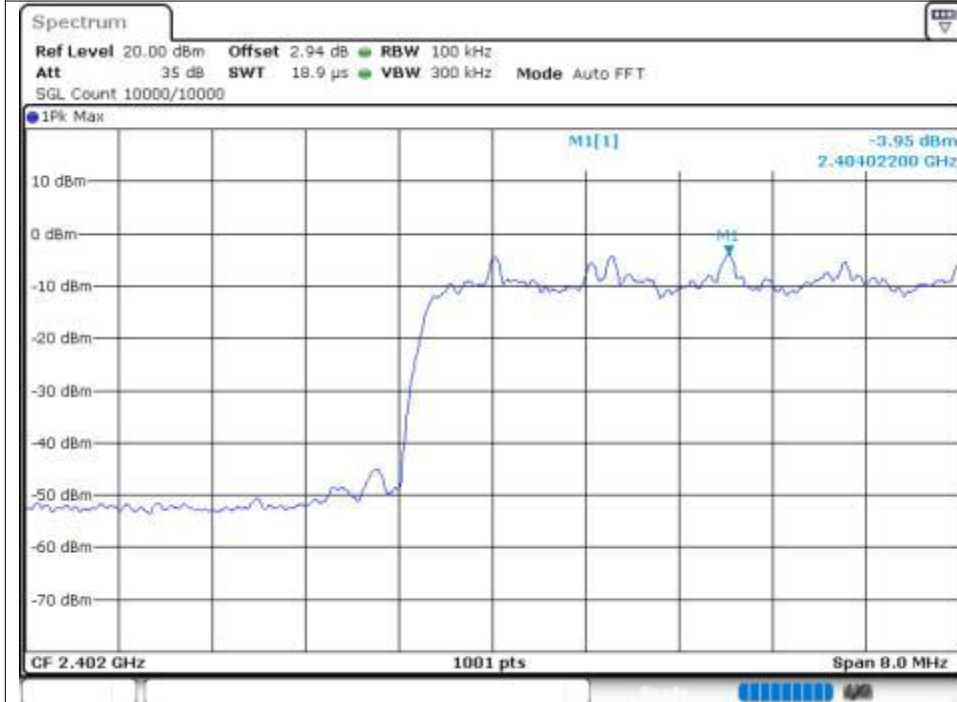
Band Edge(Hopping) NVNT 1-DH5 2480MHz Ant1 Hopping Ref



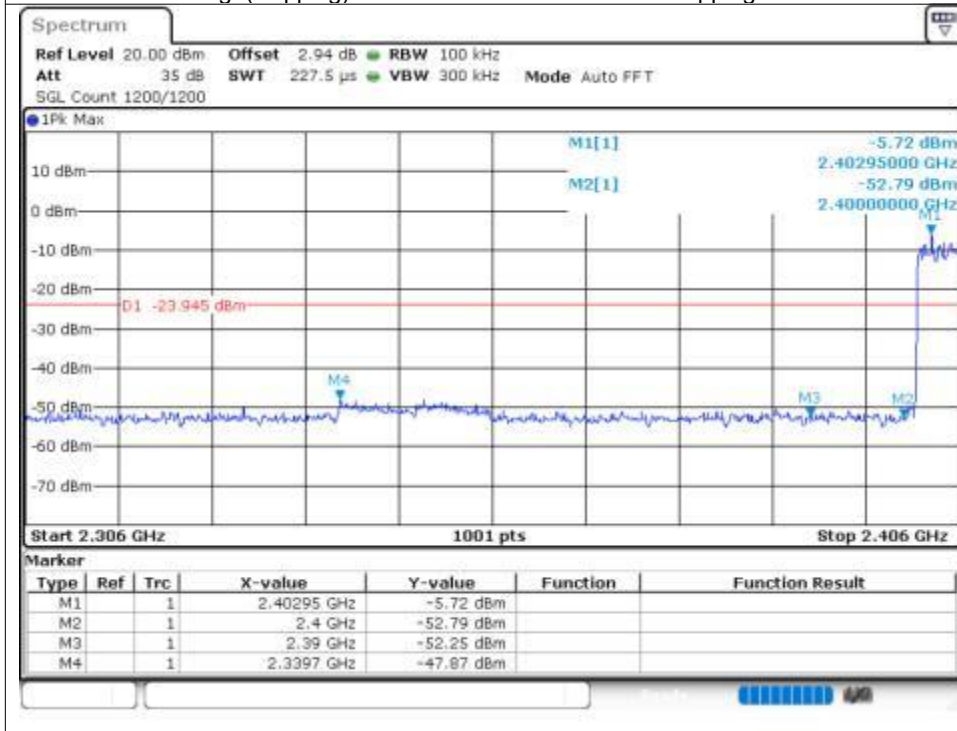
Band Edge(Hopping) NVNT 1-DH5 2480MHz Ant1 Hopping Emission



Band Edge(Hopping) NVNT 2-DH5 2402MHz Ant1 Hopping Ref



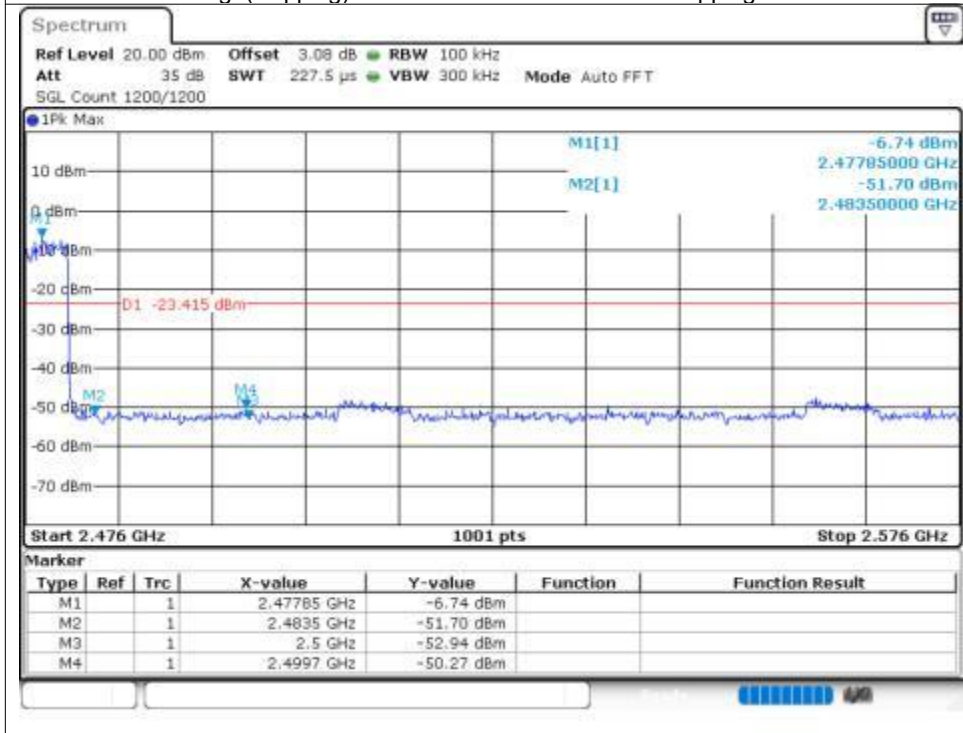
Band Edge(Hopping) NVNT 2-DH5 2402MHz Ant1 Hopping Emission



Band Edge(Hopping) NVNT 2-DH5 2480MHz Ant1 Hopping Ref



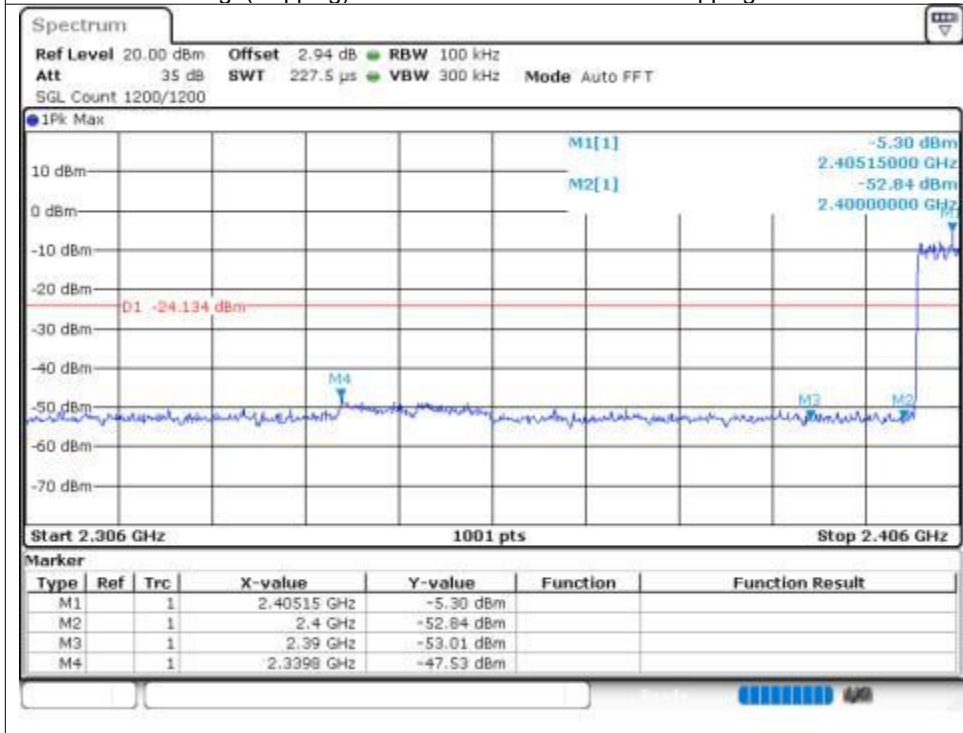
Band Edge(Hopping) NVNT 2-DH5 2480MHz Ant1 Hopping Emission



Band Edge(Hopping) NVNT 3-DH5 2402MHz Ant1 Hopping Ref



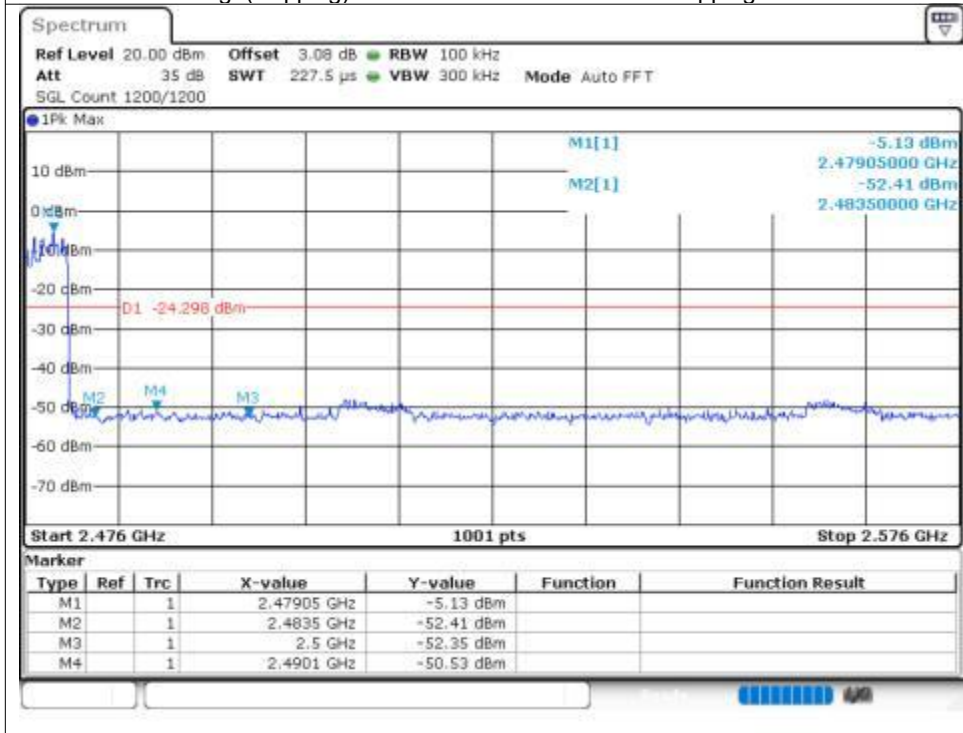
Band Edge(Hopping) NVNT 3-DH5 2402MHz Ant1 Hopping Emission



Band Edge(Hopping) NVNT 3-DH5 2480MHz Ant1 Hopping Ref



Band Edge(Hopping) NVNT 3-DH5 2480MHz Ant1 Hopping Emission



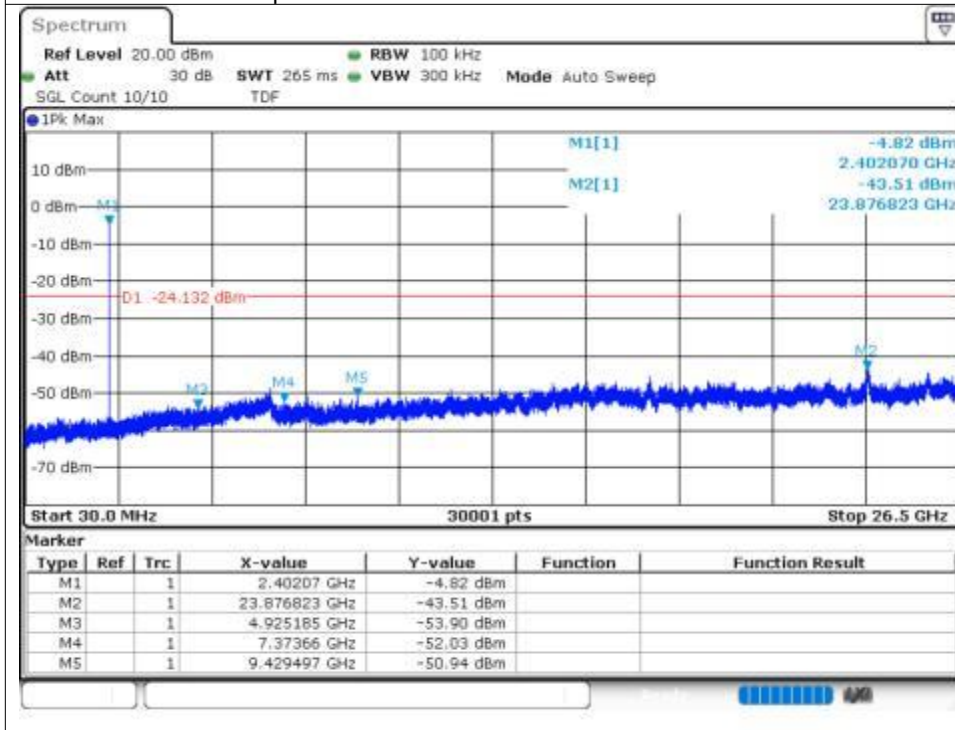
8.9 CONDUCTED RF SPURIOUS EMISSION

Condition	Mode	Frequency (MHz)	Antenna	Max Value (dBc)	Limit (dBc)	Verdict
NVNT	1-DH5	2402	Ant1	-39.38	-20	Pass
NVNT	1-DH5	2441	Ant1	-39.46	-20	Pass
NVNT	1-DH5	2480	Ant1	-38.78	-20	Pass
NVNT	2-DH5	2402	Ant1	-36.88	-20	Pass
NVNT	2-DH5	2441	Ant1	-37.49	-20	Pass
NVNT	2-DH5	2480	Ant1	-38.01	-20	Pass
NVNT	3-DH5	2402	Ant1	-37.58	-20	Pass
NVNT	3-DH5	2441	Ant1	-37.59	-20	Pass
NVNT	3-DH5	2480	Ant1	-36.58	-20	Pass

Test Graphs Tx. Spurious NVNT 1-DH5 2402MHz Ant1 Ref



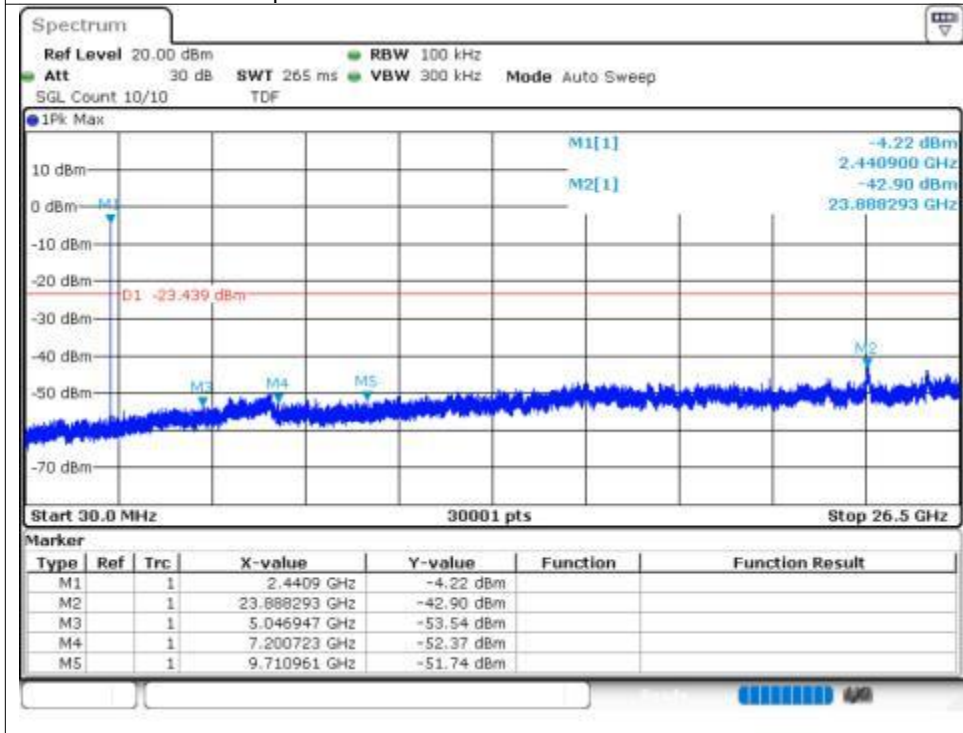
Tx. Spurious NVNT 1-DH5 2402MHz Ant1 Emission



Tx. Spurious NVNT 1-DH5 2441MHz Ant1 Ref



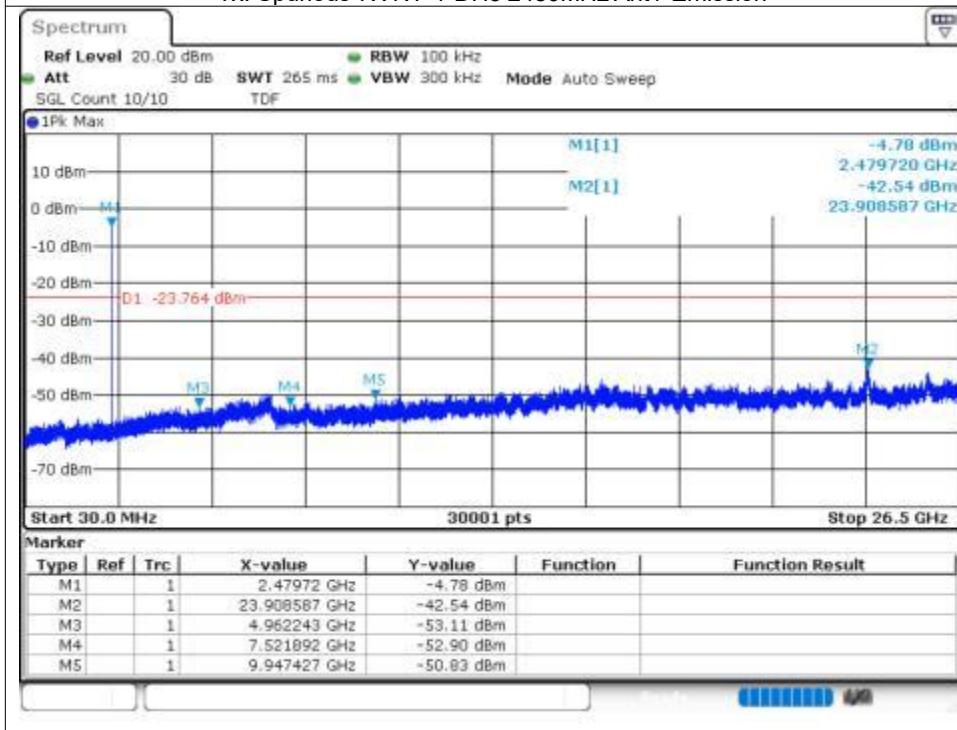
Tx. Spurious NVNT 1-DH5 2441MHz Ant1 Emission



Tx. Spurious NVNT 1-DH5 2480MHz Ant1 Ref



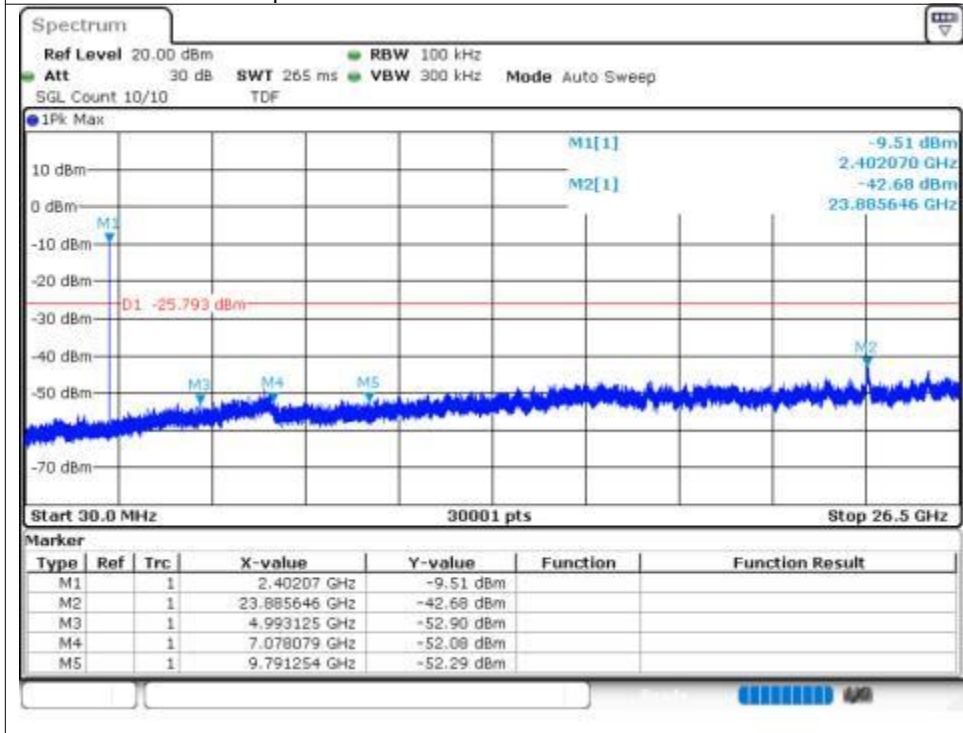
Tx. Spurious NVNT 1-DH5 2480MHz Ant1 Emission



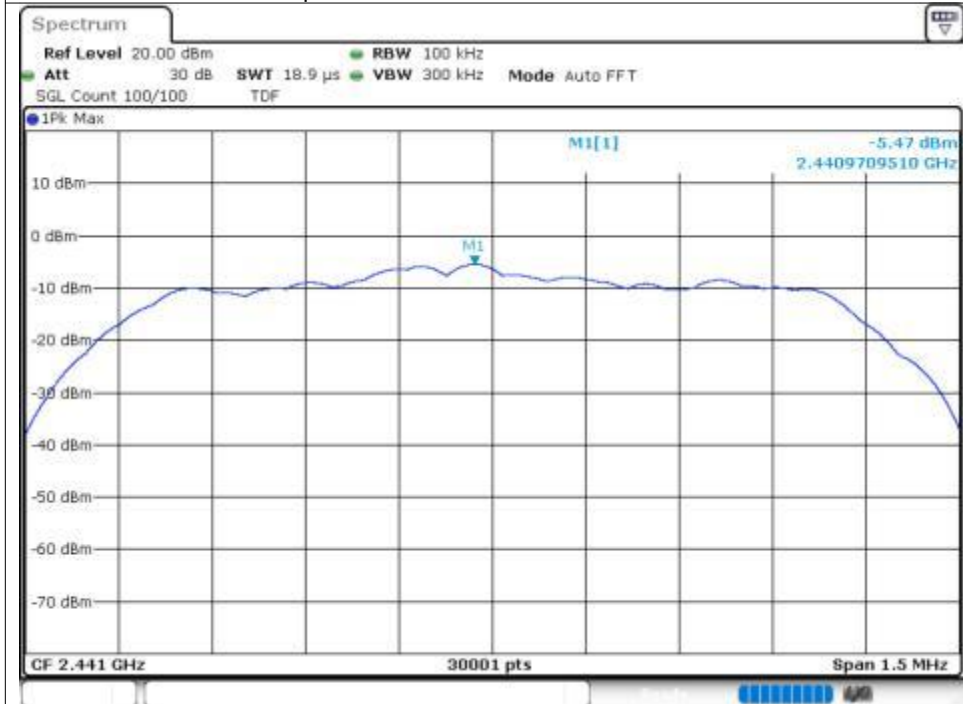
Tx. Spurious NVNT 2-DH5 2402MHz Ant1 Ref



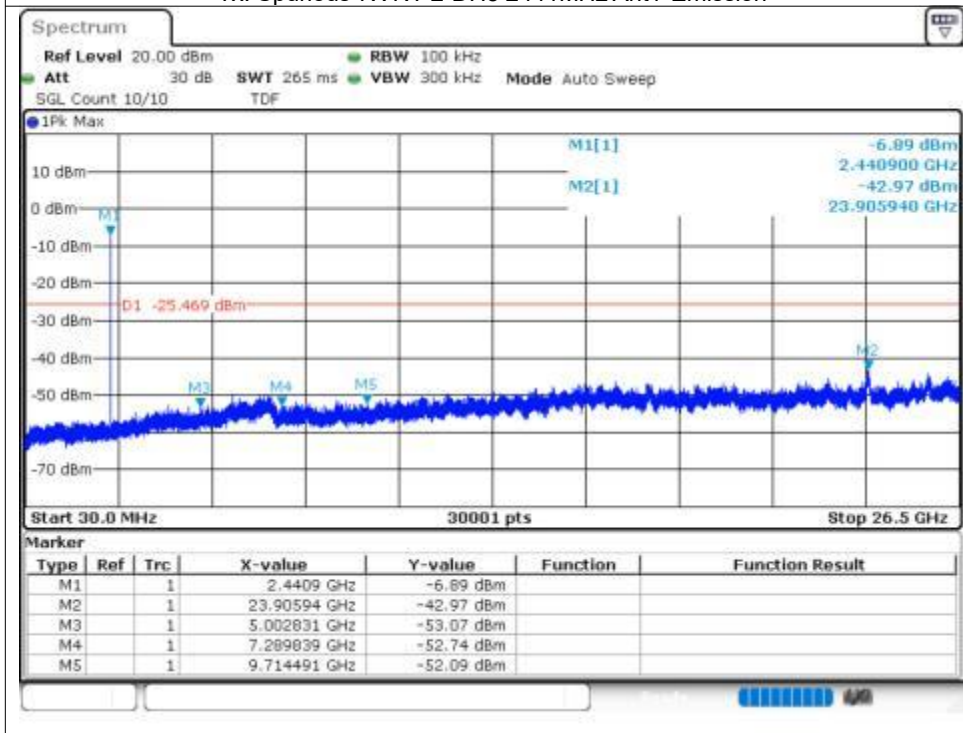
Tx. Spurious NVNT 2-DH5 2402MHz Ant1 Emission



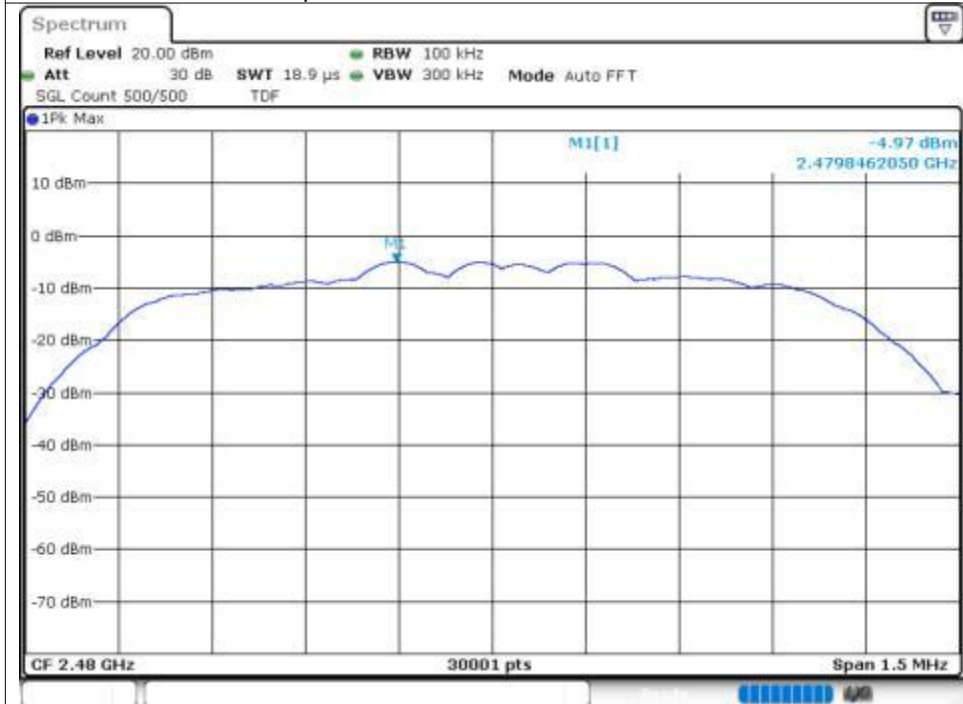
Tx. Spurious NVNT 2-DH5 2441MHz Ant1 Ref



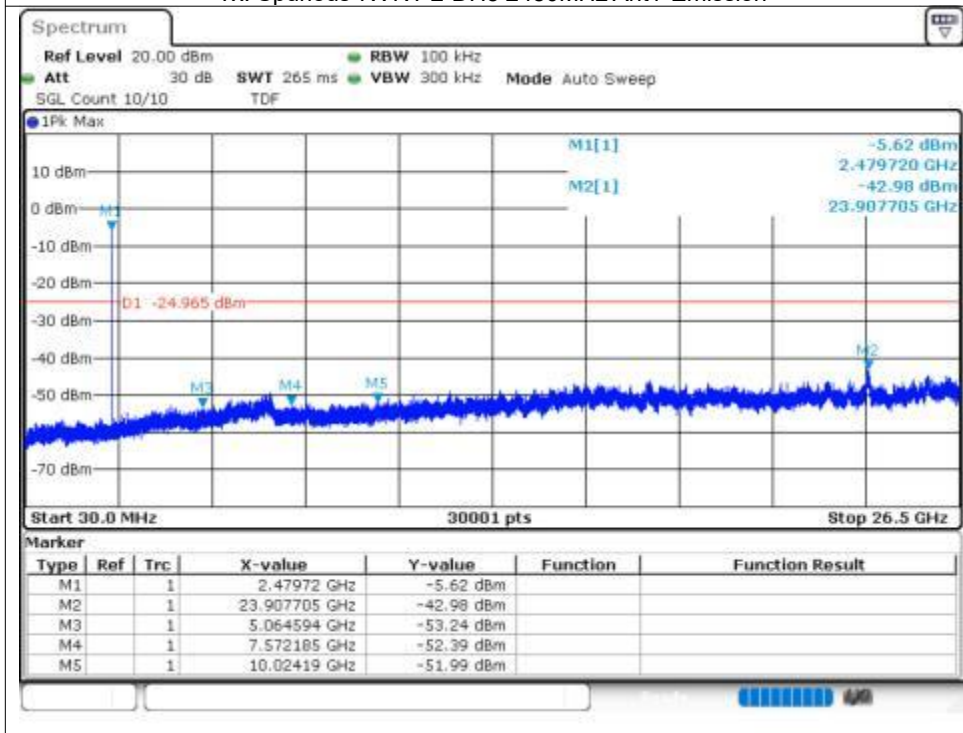
Tx. Spurious NVNT 2-DH5 2441MHz Ant1 Emission



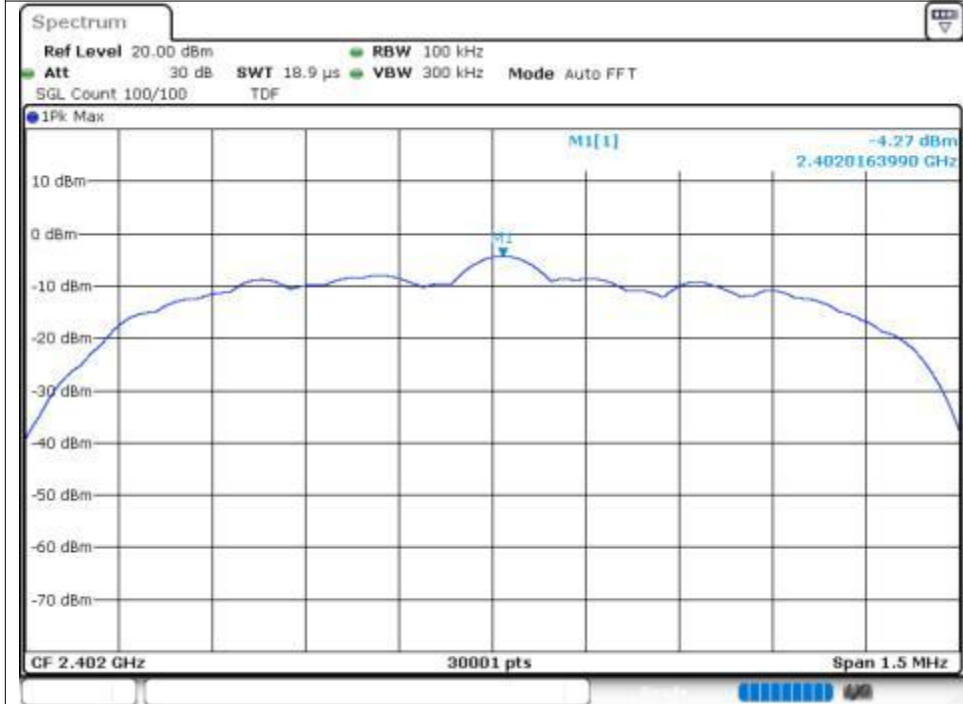
Tx. Spurious NVNT 2-DH5 2480MHz Ant1 Ref



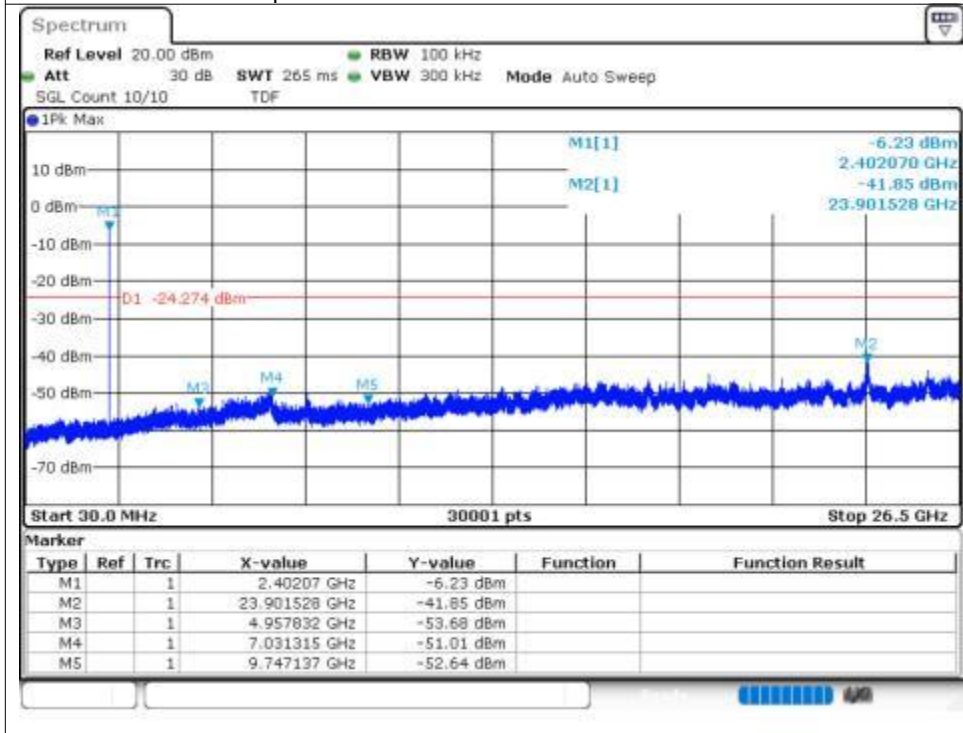
Tx. Spurious NVNT 2-DH5 2480MHz Ant1 Emission



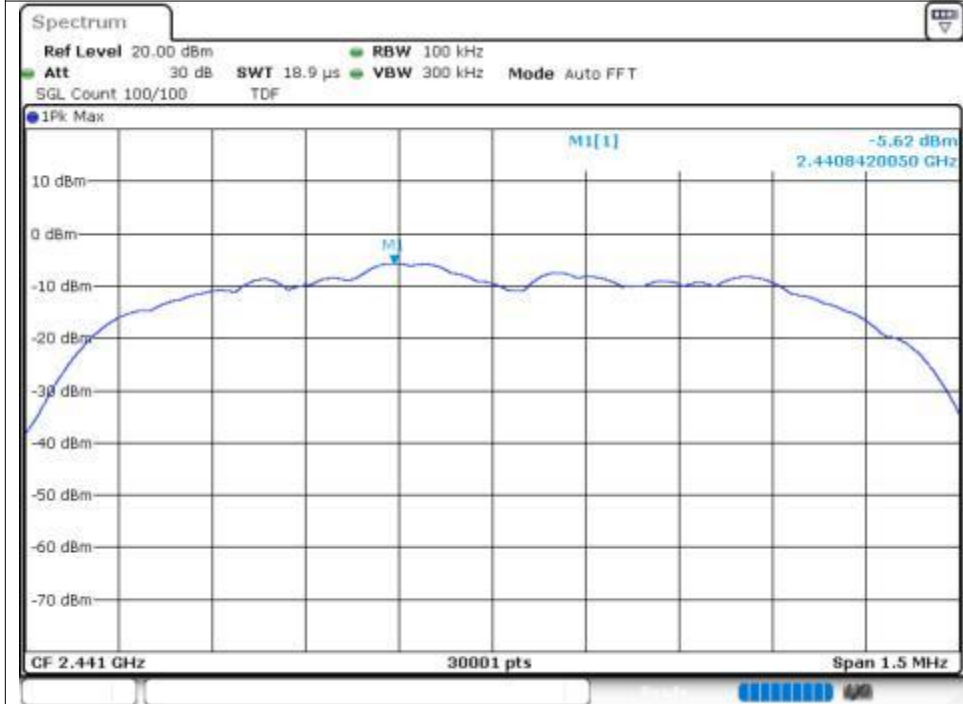
Tx. Spurious NVNT 3-DH5 2402MHz Ant1 Ref



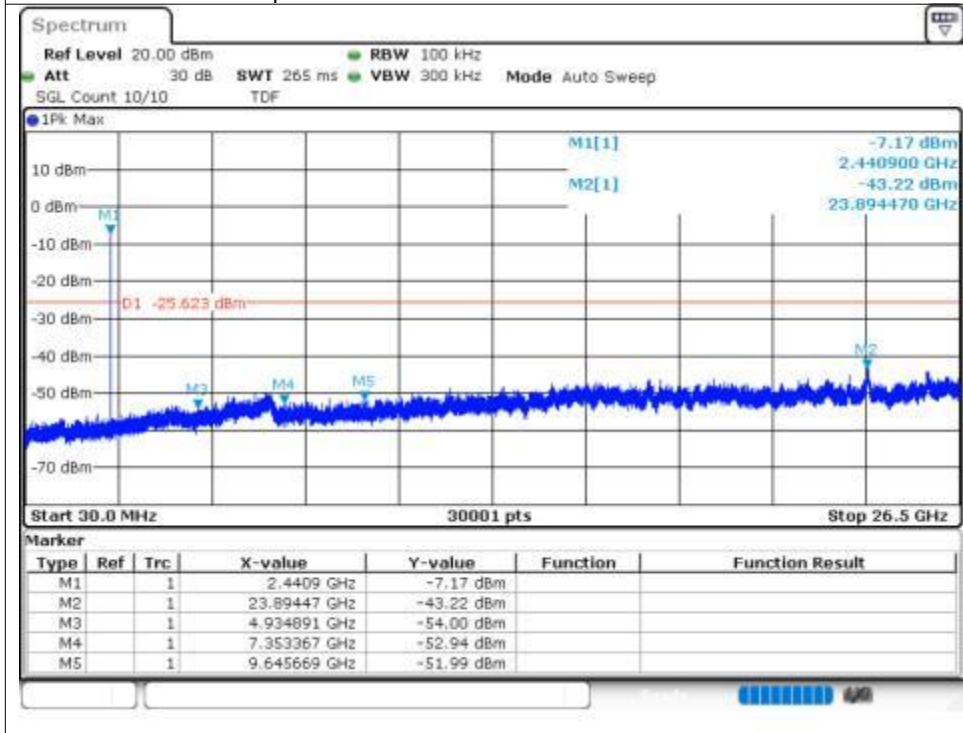
Tx. Spurious NVNT 3-DH5 2402MHz Ant1 Emission



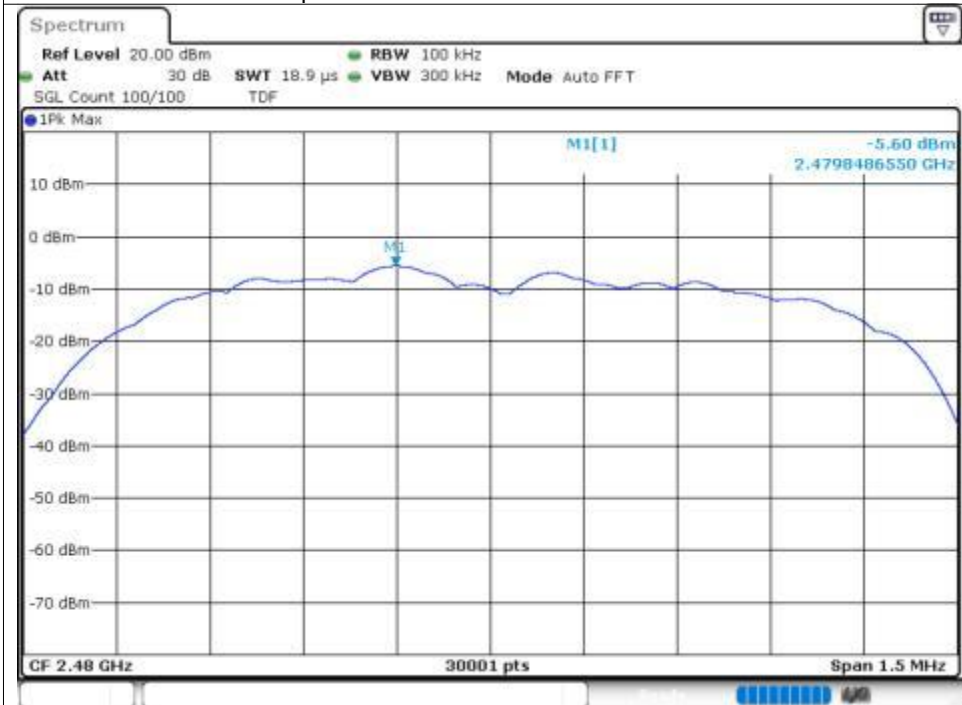
Tx. Spurious NVNT 3-DH5 2441MHz Ant1 Ref



Tx. Spurious NVNT 3-DH5 2441MHz Ant1 Emission



Tx. Spurious NVNT 3-DH5 2480MHz Ant1 Ref



Tx. Spurious NVNT 3-DH5 2480MHz Ant1 Emission

