

Appendix A

Maximum Conducted Output Power

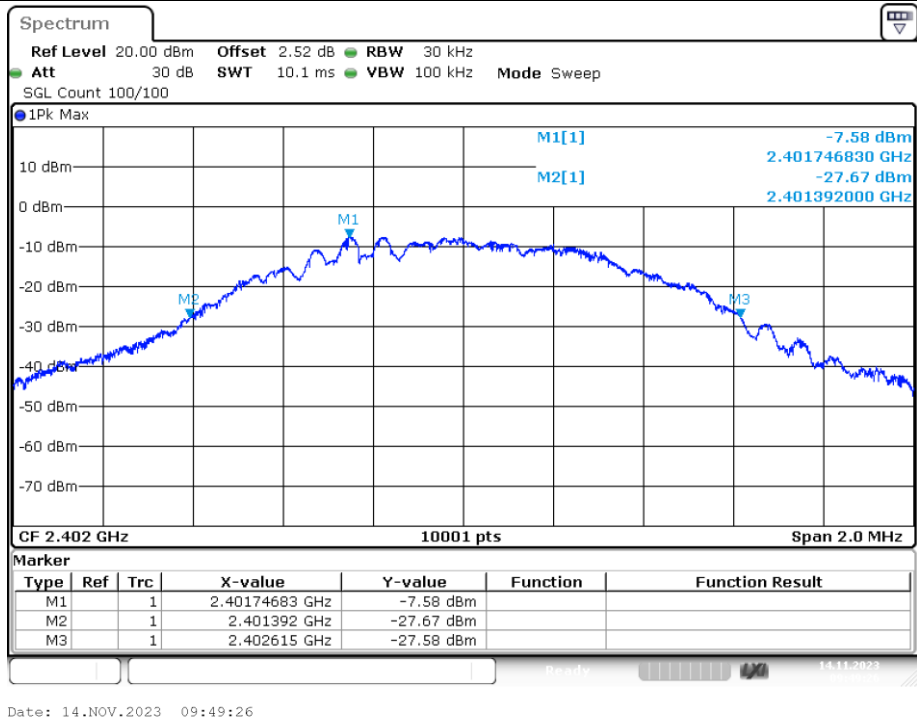
Condition	Mode	Frequency (MHz)	Antenna	Conducted Power (dBm)	Duty Factor (dB)	Total Power (dBm)	Limit (dBm)	E.I.R.P (dBm)	E.I.R.P Limit (dBm)	Verdict
NVNT	1-DH5	2402	Ant1	-1.87	0	-1.87	21	0.71	<=36.02	Pass
NVNT	1-DH5	2441	Ant1	-1.38	0	-1.38	21	1.20	<=36.02	Pass
NVNT	1-DH5	2480	Ant1	-1.58	0	-1.58	21	1.00	<=36.02	Pass
Note1: Antenna Gain: 2.58dBi;										
Note2: E.I.R.P = Measured Power + Antenna Gain										

-20dB Bandwidth

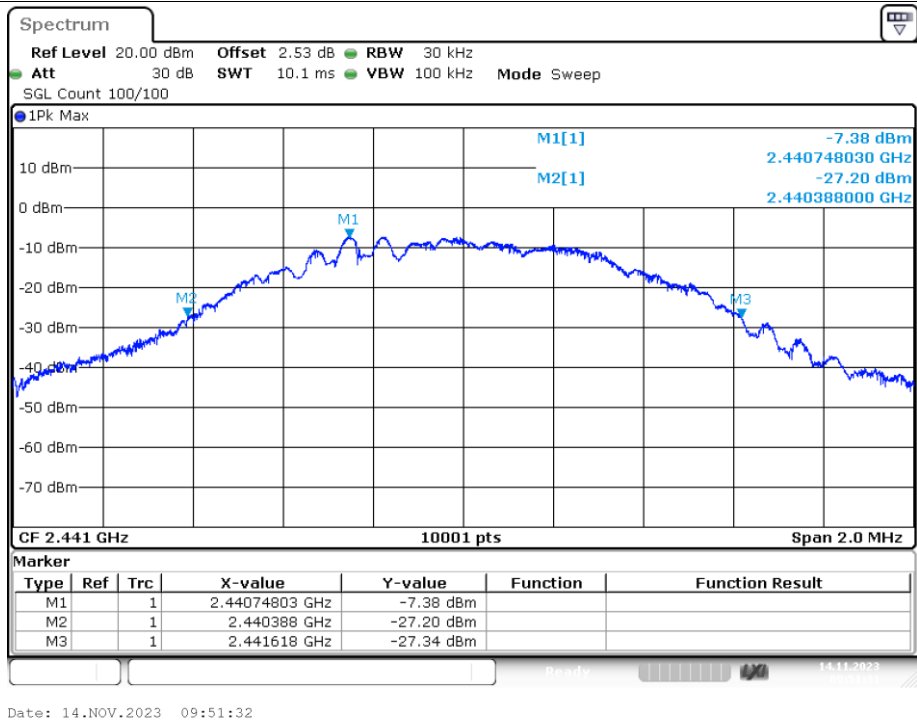
Condition	Mode	Frequency (MHz)	Antenna	-20 dB Bandwidth (MHz)	Verdict
NVNT	1-DH5	2402	Ant1	1.223	Pass
NVNT	1-DH5	2441	Ant1	1.23	Pass
NVNT	1-DH5	2480	Ant1	1.228	Pass

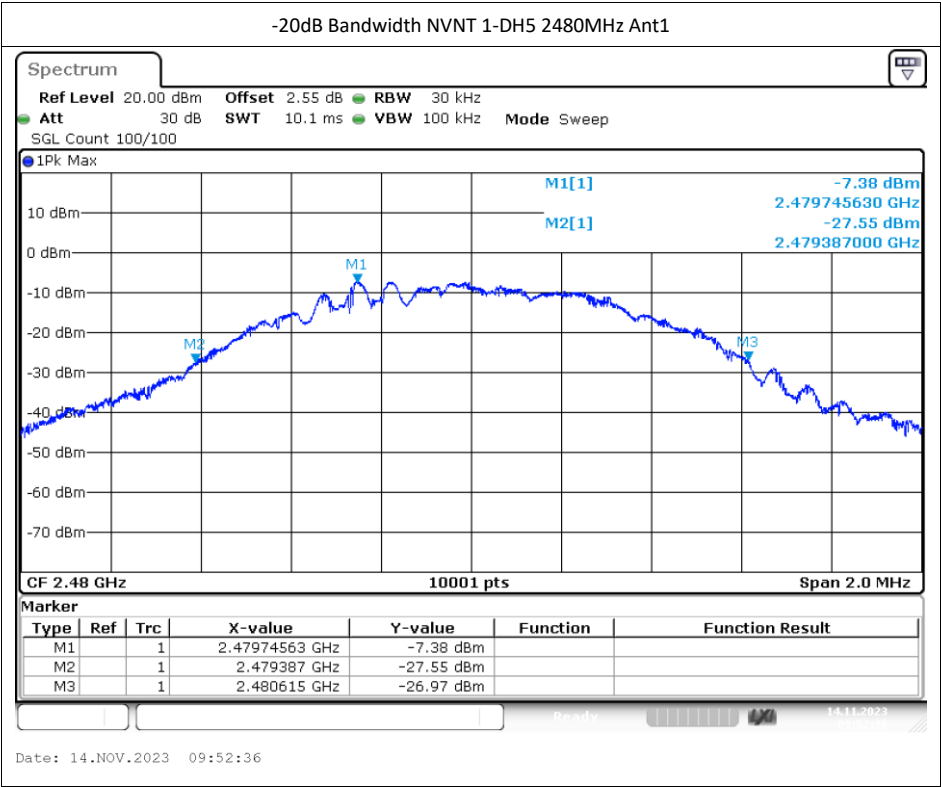
Test Graphs

-20dB Bandwidth NVNT 1-DH5 2402MHz Ant1



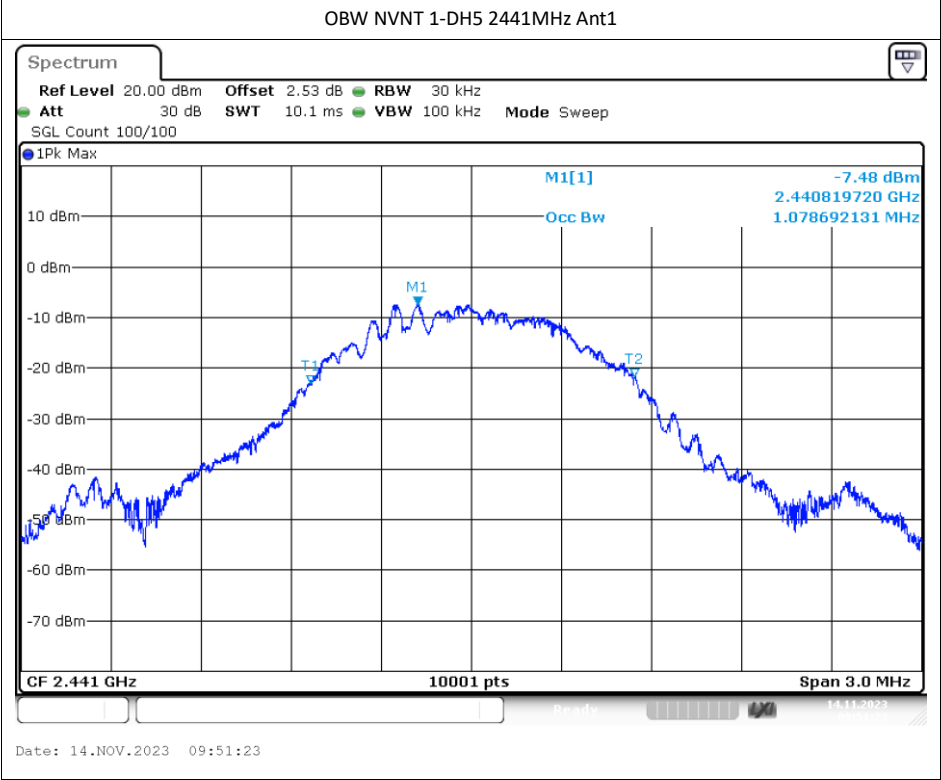
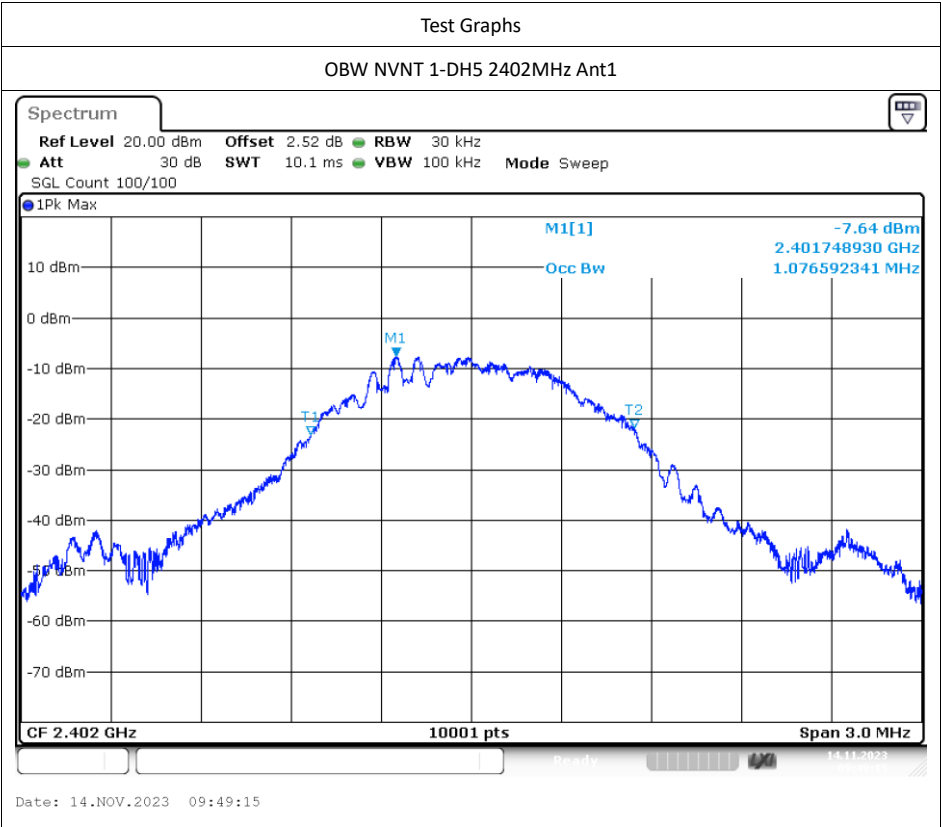
-20dB Bandwidth NVNT 1-DH5 2441MHz Ant1

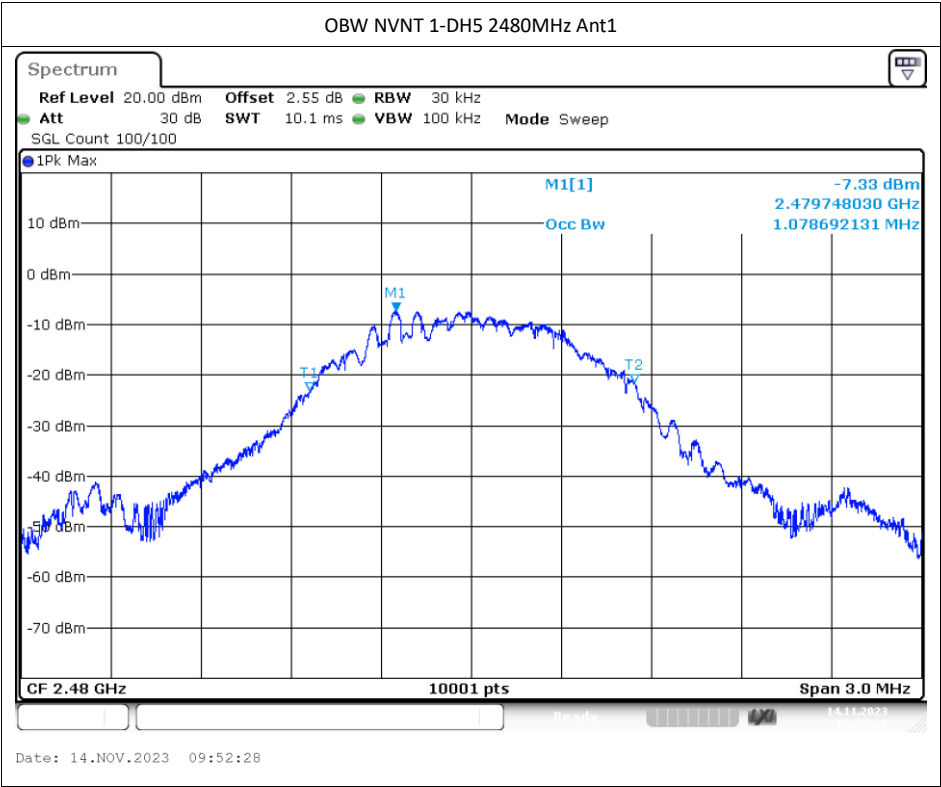




Occupied Channel Bandwidth

Condition	Mode	Frequency (MHz)	Antenna	99% OBW (MHz)
NVNT	1-DH5	2402	Ant1	1.077
NVNT	1-DH5	2441	Ant1	1.079
NVNT	1-DH5	2480	Ant1	1.079



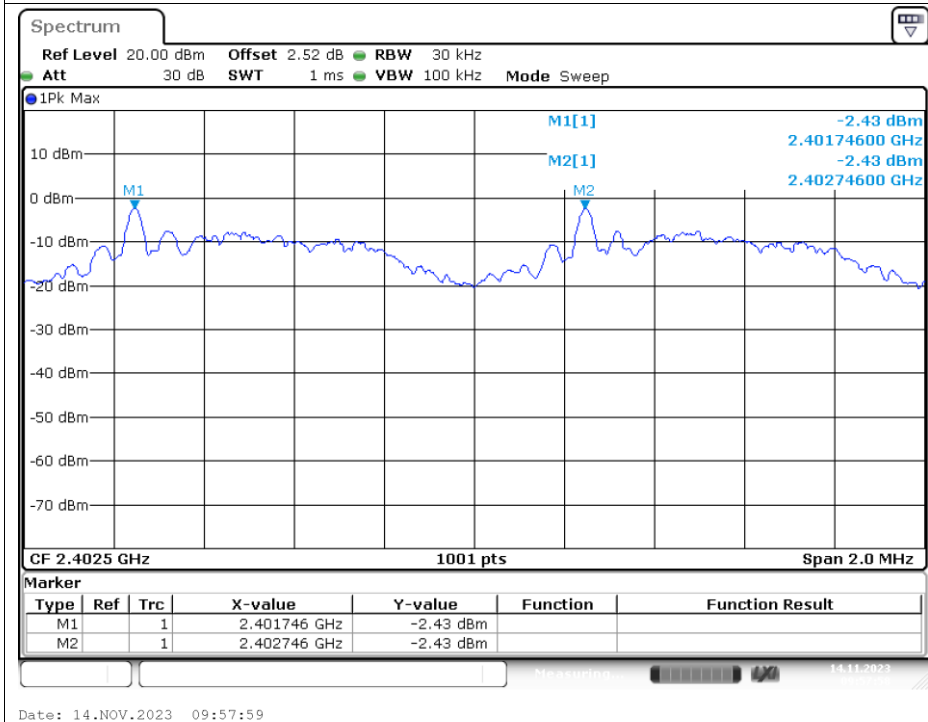


Carrier Frequencies Separation

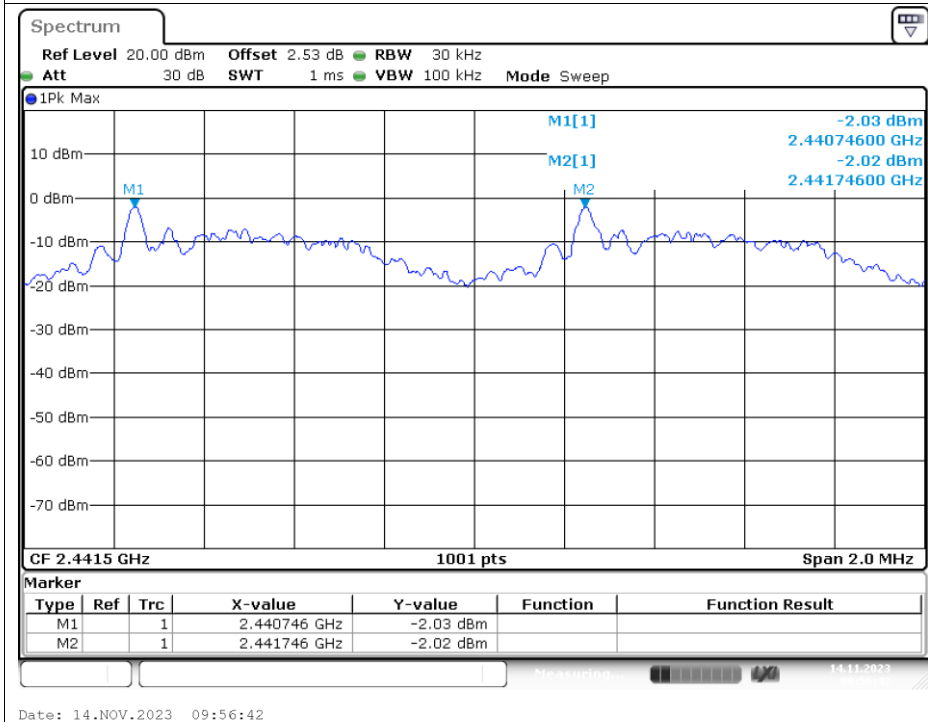
Condition	Mode	Antenna	Hopping Freq1 (MHz)	Hopping Freq2 (MHz)	HFS (MHz)	Limit (MHz)	Verdict
NVNT	1-DH5	Ant1	2401.746	2402.746	1	0.815	Pass
NVNT	1-DH5	Ant1	2440.746	2441.746	1	0.82	Pass
NVNT	1-DH5	Ant1	2478.744	2479.746	1.002	0.819	Pass

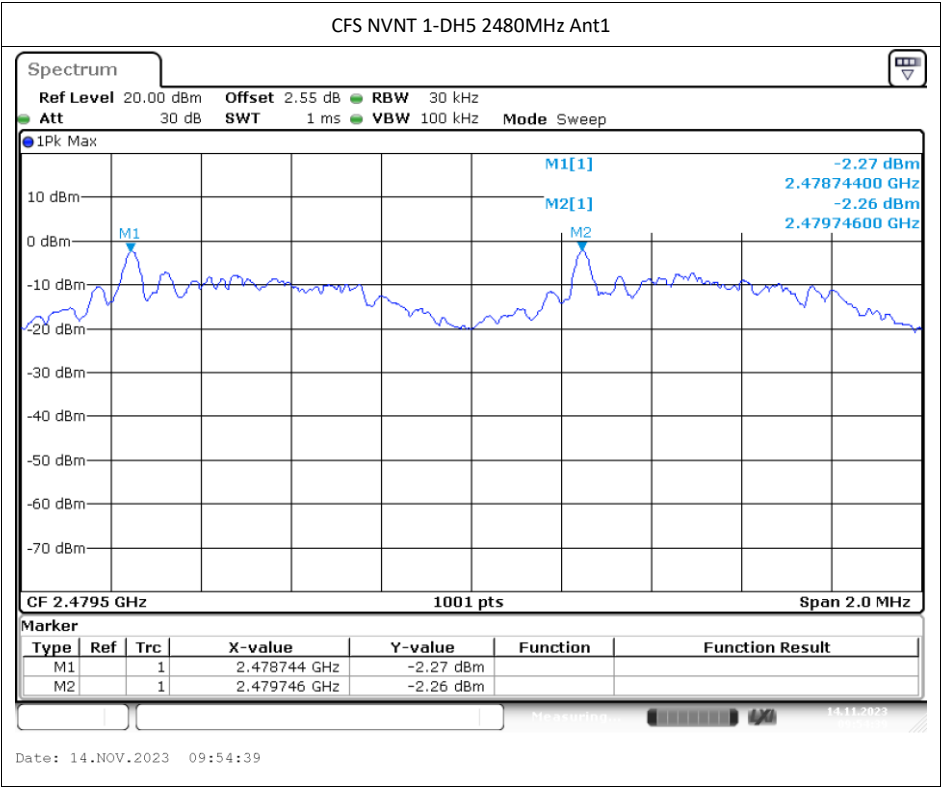
Test Graphs

CFS NVNT 1-DH5 2402MHz Ant1



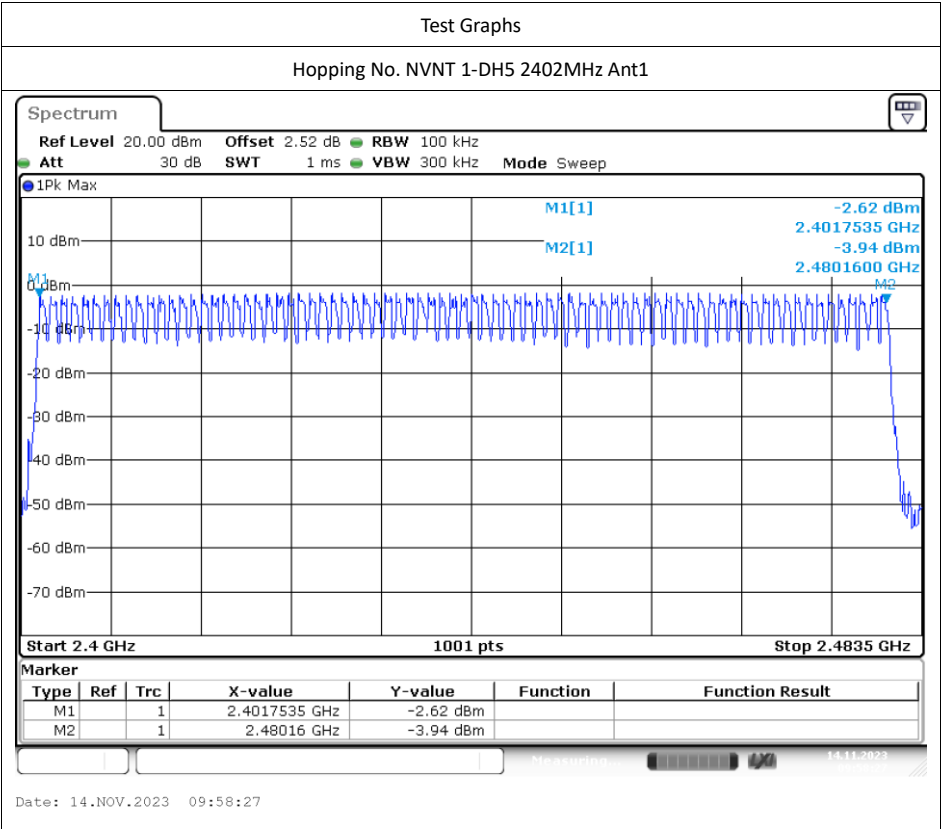
CFS NVNT 1-DH5 2441MHz Ant1





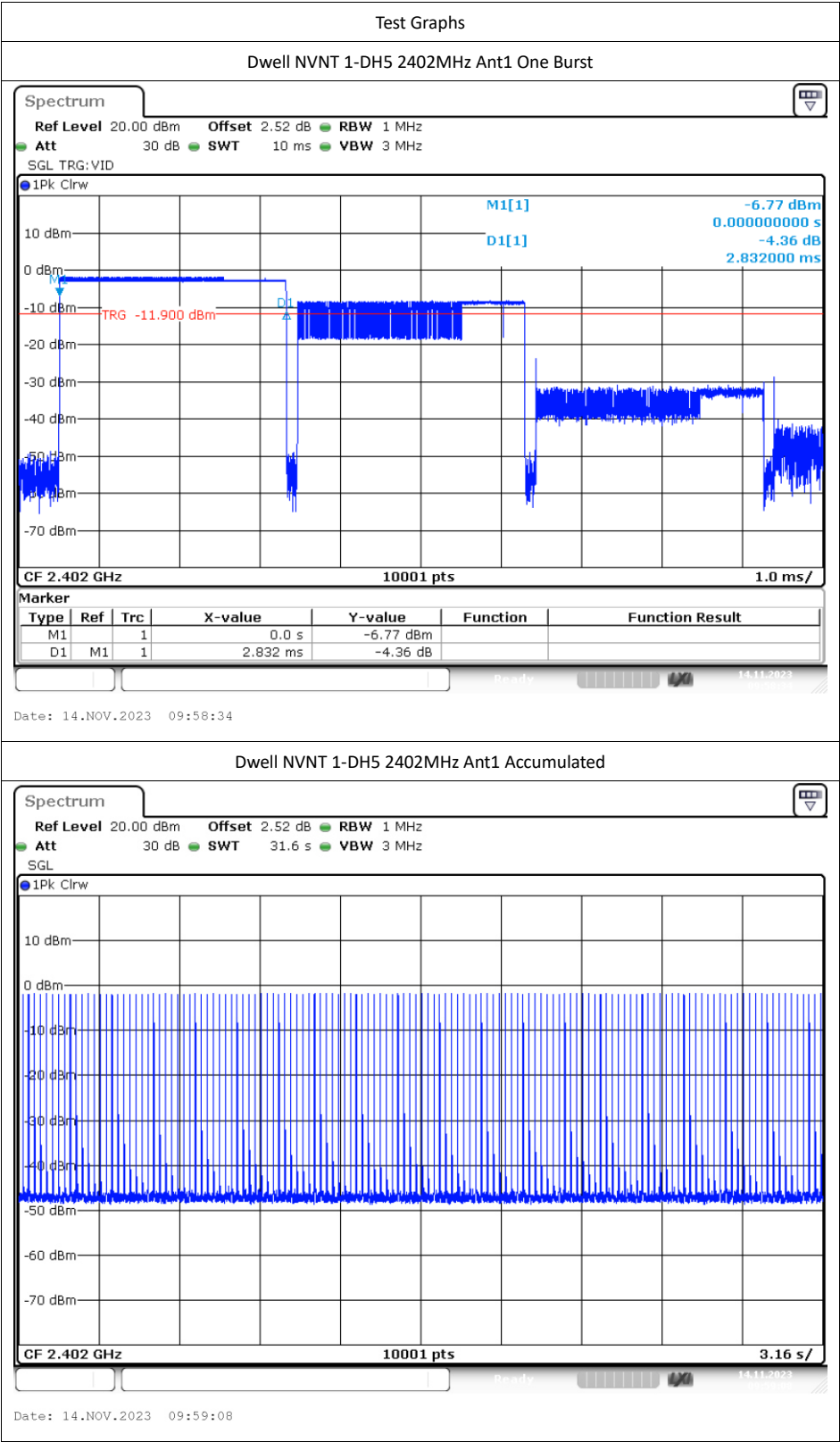
Number of Hopping Channel

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

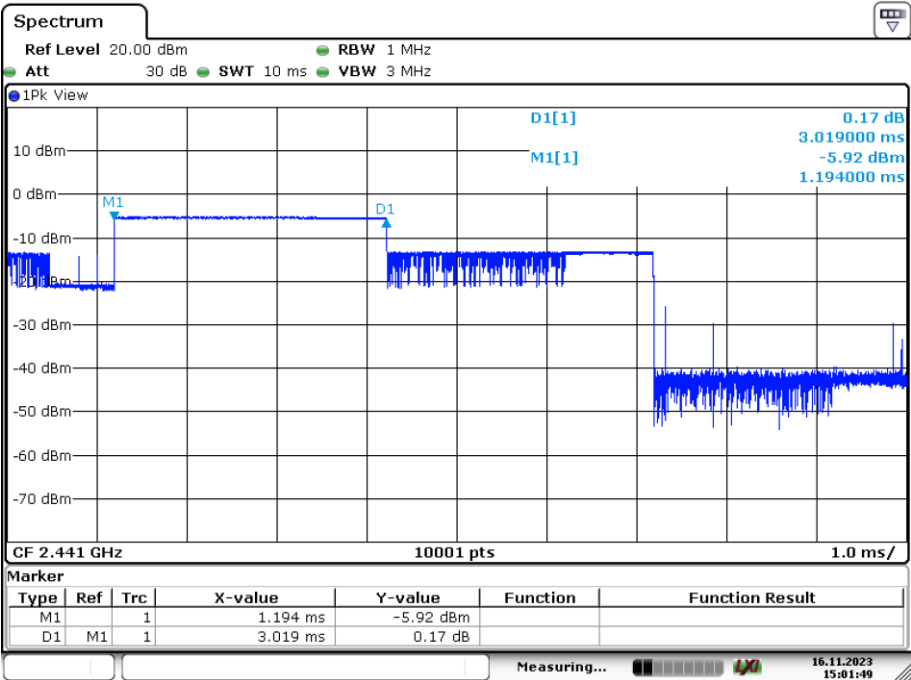


Dwell Time

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	2.832	382.32	135	31600	400	Pass
NVNT	1-DH5	2441	Ant1	3.019	275.67	135	31600	400	Pass
NVNT	1-DH5	2480	Ant1	3.358	275.535	135	31600	400	Pass

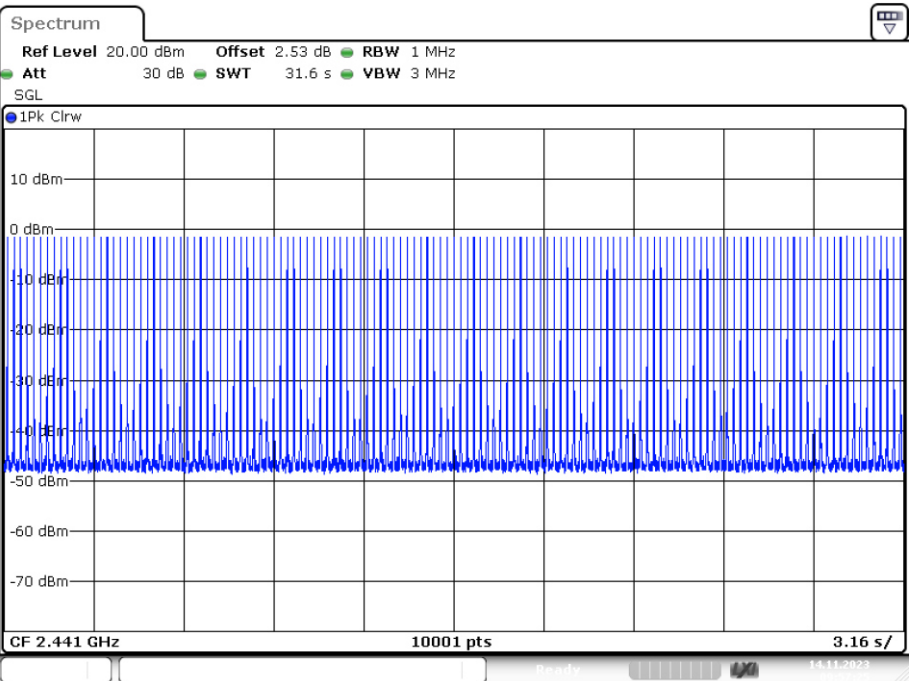


Dwell NVNT 1-DH5 2441MHz Ant1 One Burst



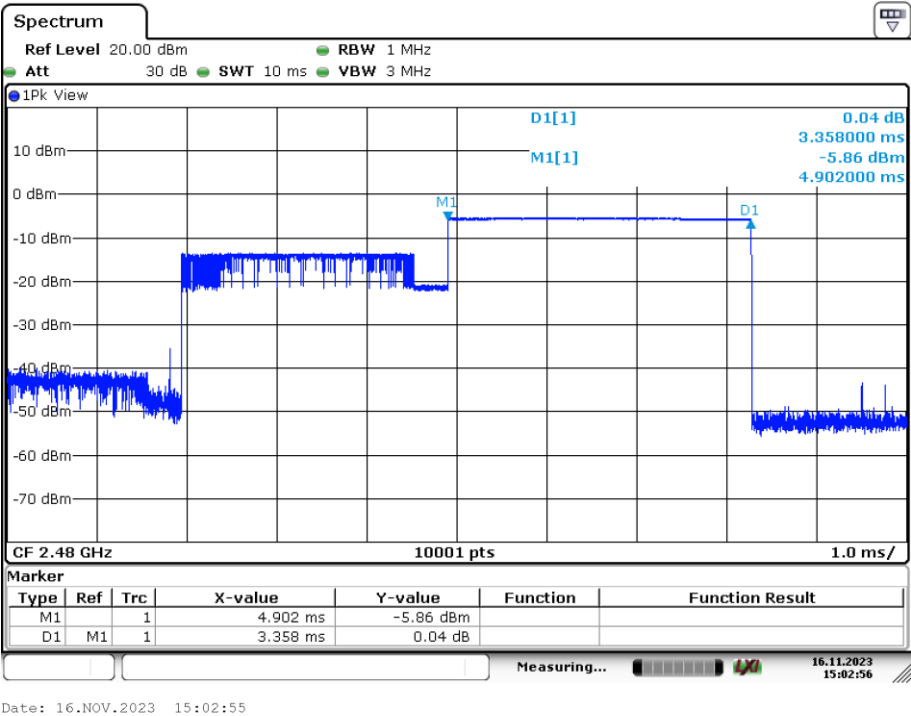
Date: 16.NOV.2023 15:01:48

Dwell NVNT 1-DH5 2441MHz Ant1 Accumulated

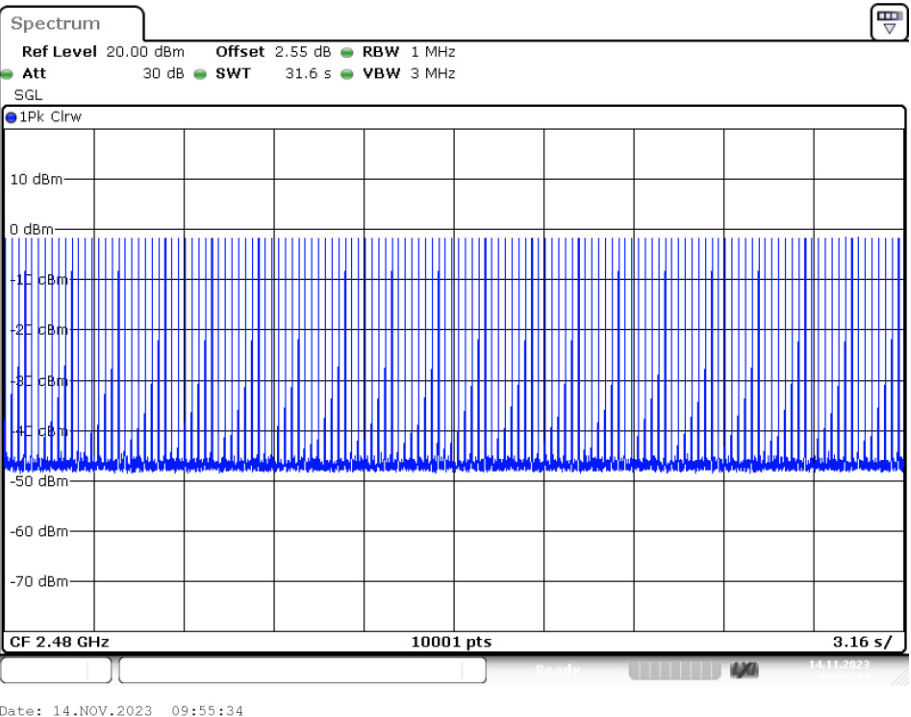


Date: 14.NOV.2023 09:57:25

Dwell NVNT 1-DH5 2480MHz Ant1 One Burst



Dwell NVNT 1-DH5 2480MHz Ant1 Accumulated

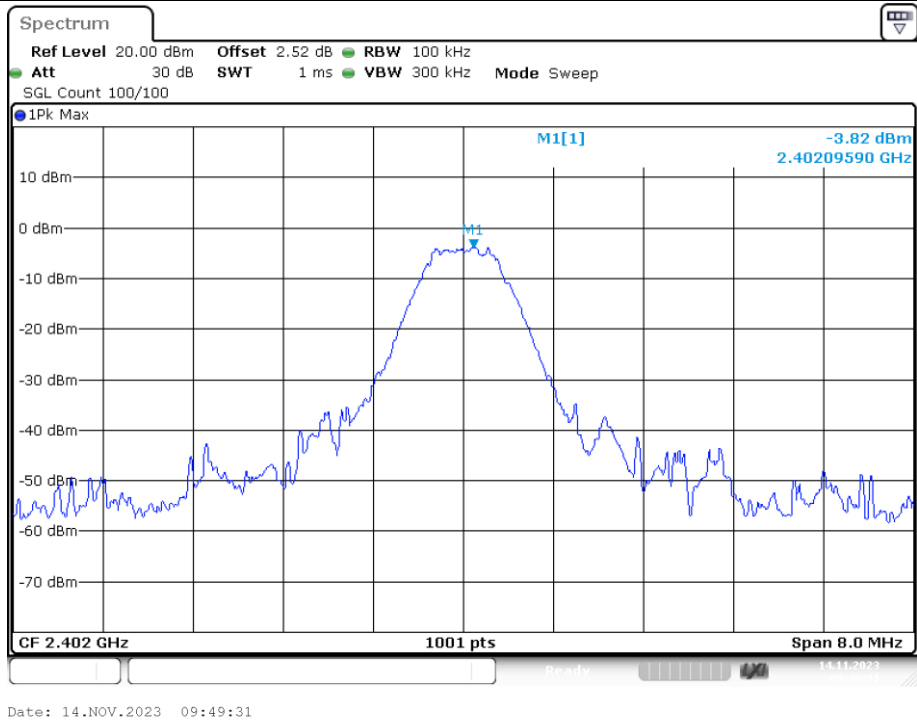


Band Edge

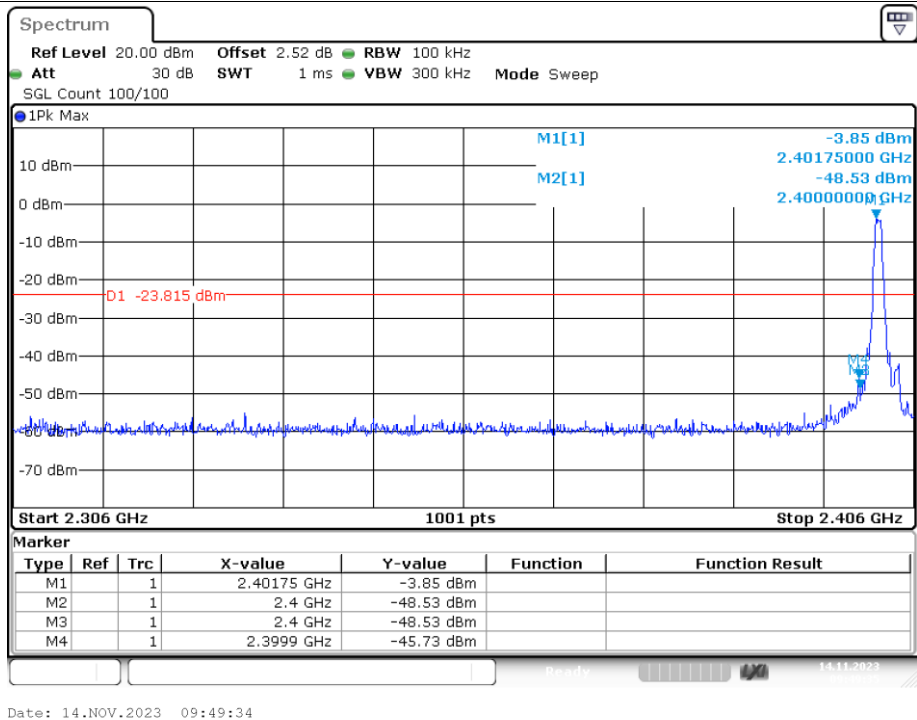
Condition	Mode	Frequency (MHz)	Antenna	Hopping Mode	Max Value (dBc)	Limit (dBc)	Verdict
NVNT	1-DH5	2402	Ant1	No-Hopping	-41.9	-20	Pass
NVNT	1-DH5	2480	Ant1	No-Hopping	-45.42	-20	Pass

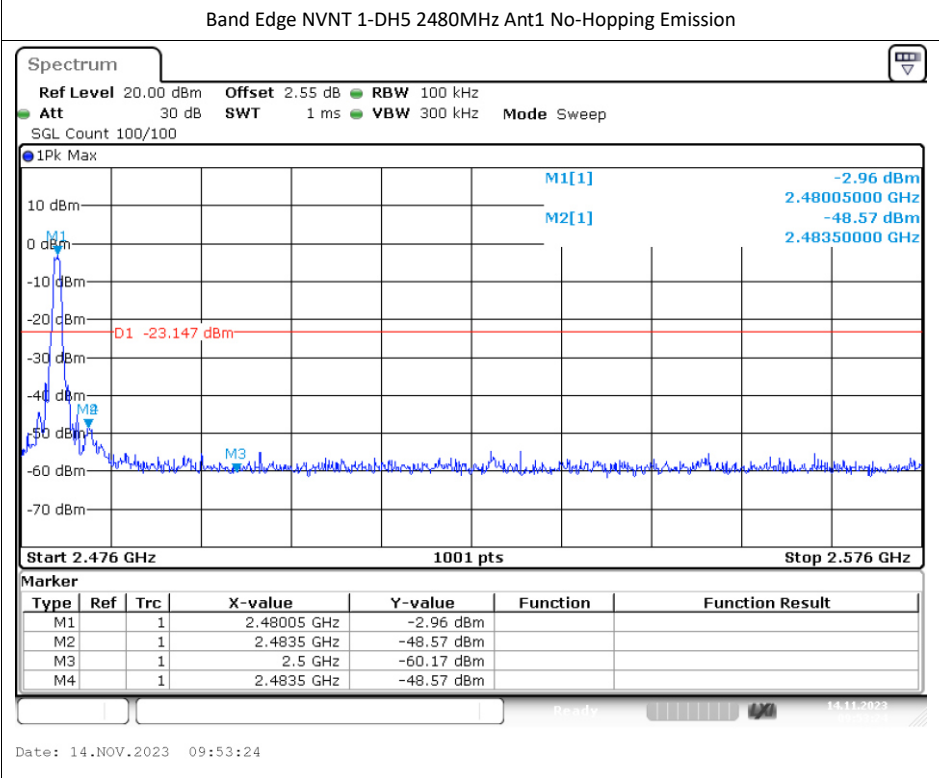
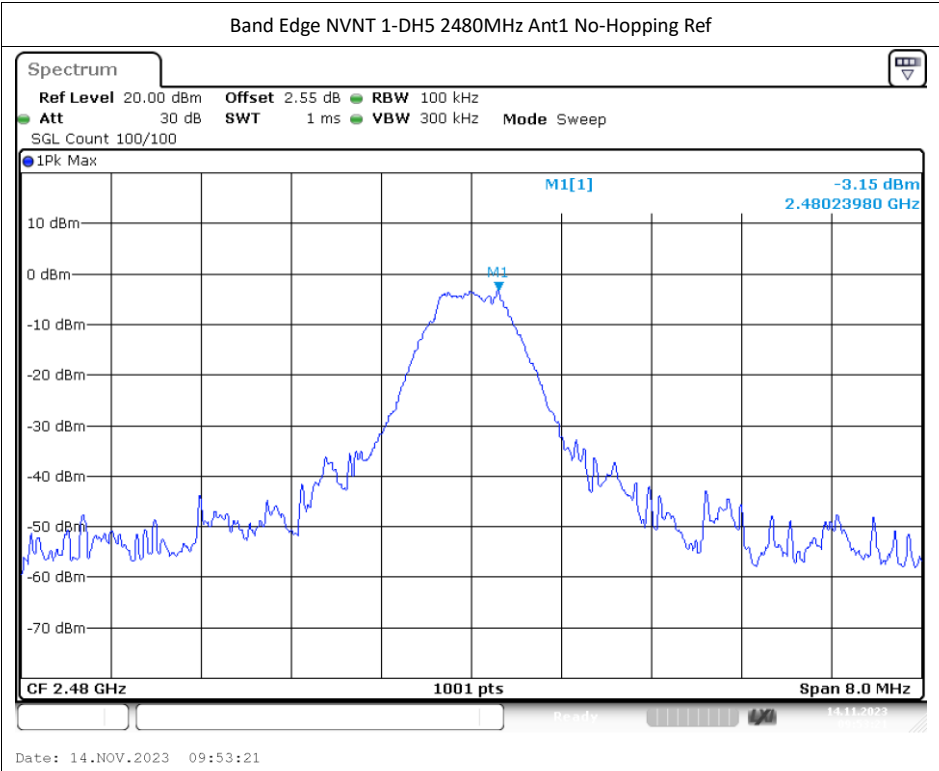
Test Graphs

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



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



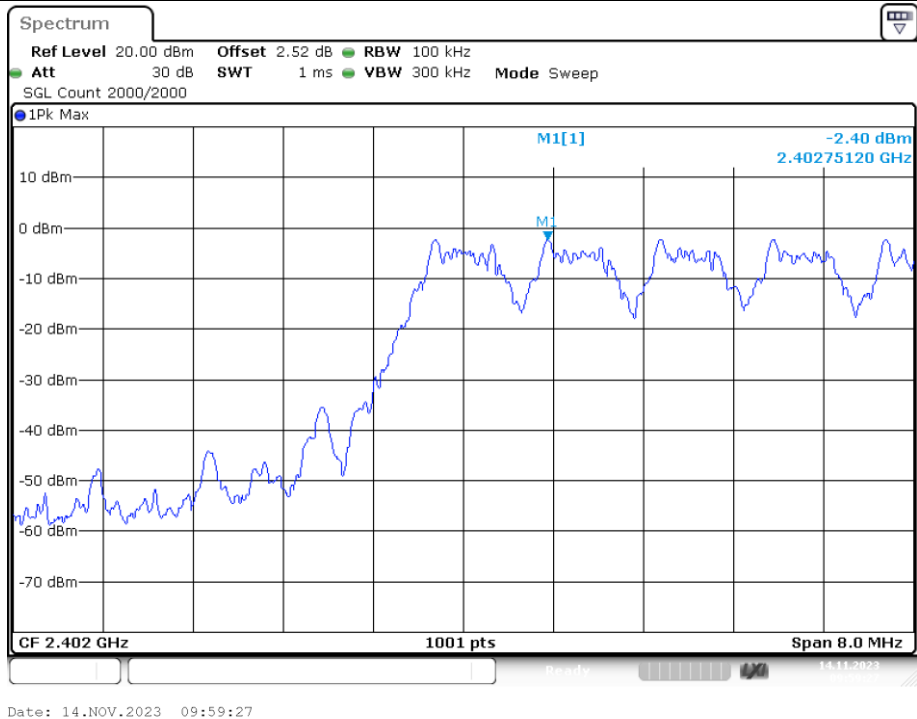


Band Edge(Hopping)

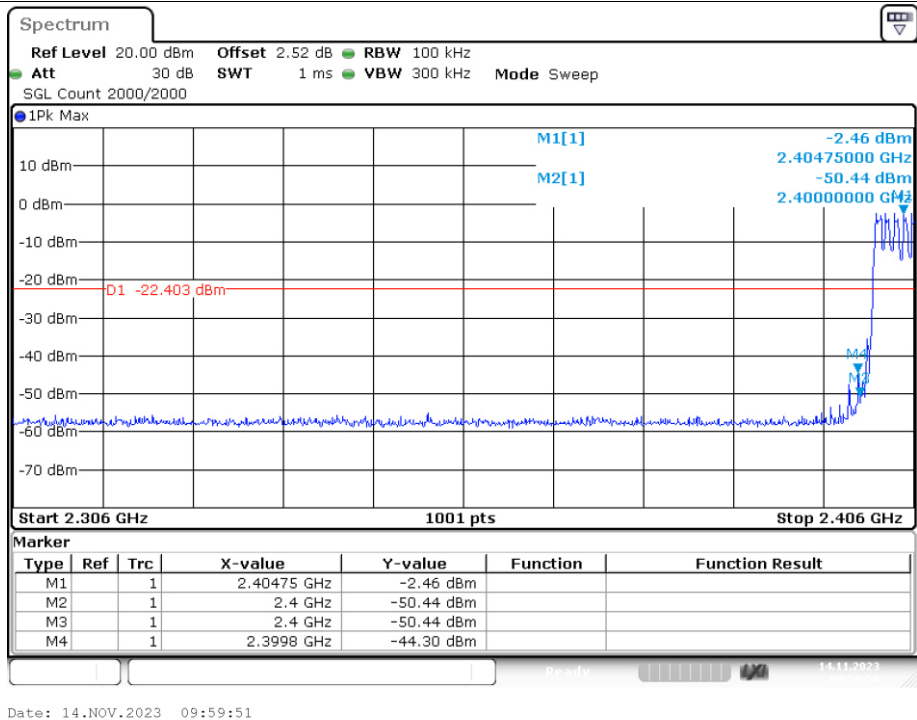
Condition	Mode	Frequency (MHz)	Antenna	Hopping Mode	Max Value (dBc)	Limit (dBc)	Verdict
NVNT	1-DH5	2402	Ant1	Hopping	-41.9	-20	Pass
NVNT	1-DH5	2480	Ant1	Hopping	-46.16	-20	Pass

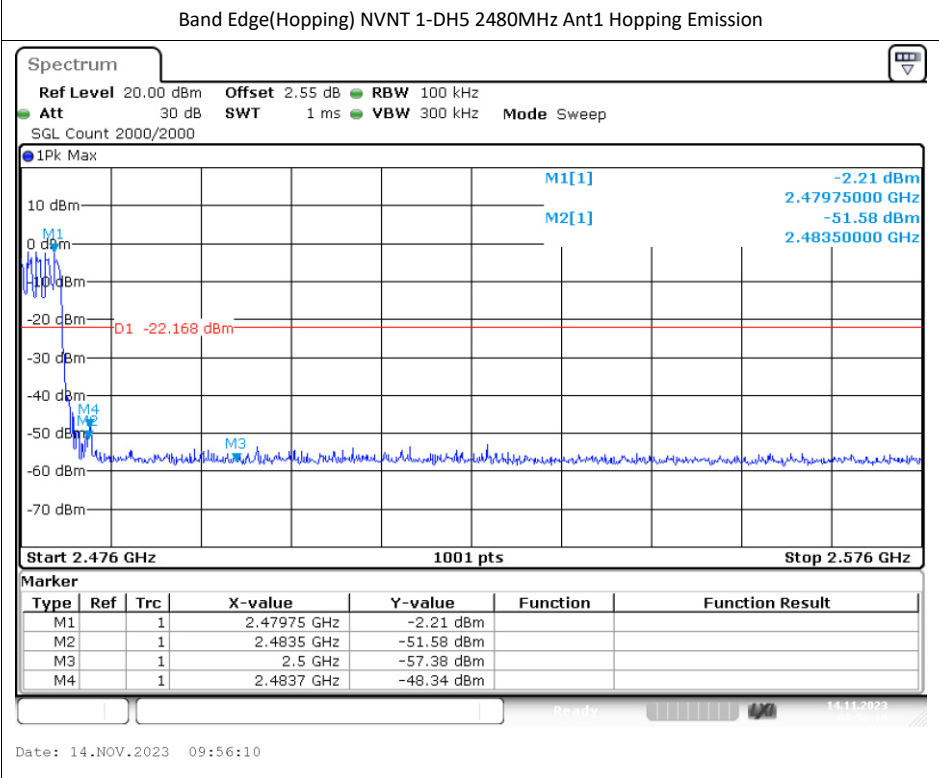
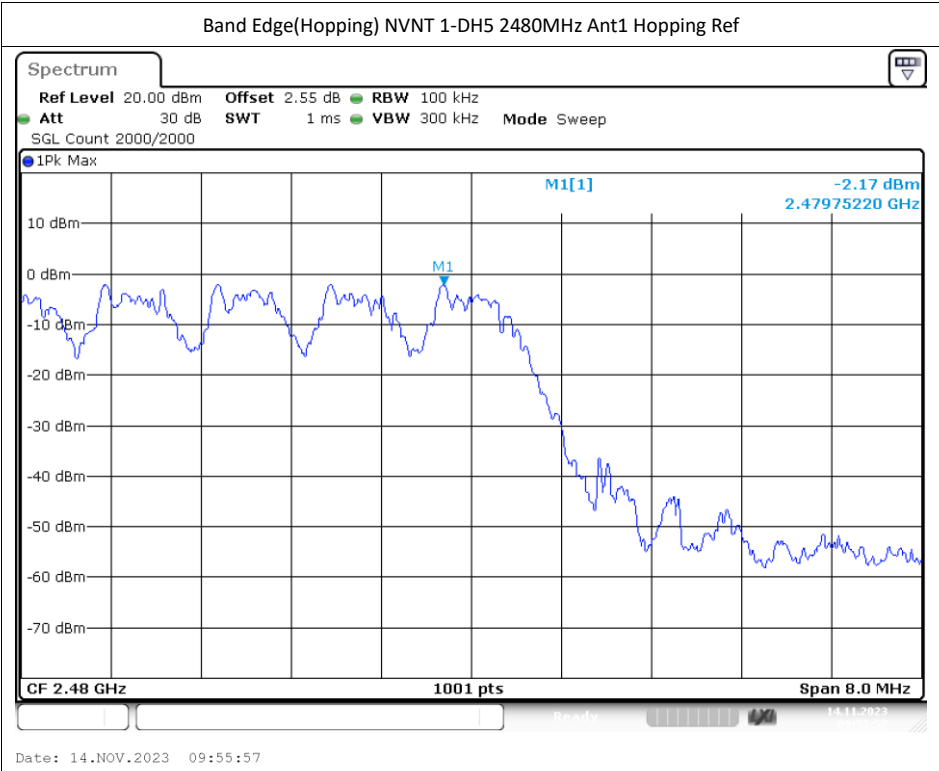
Test Graphs

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



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



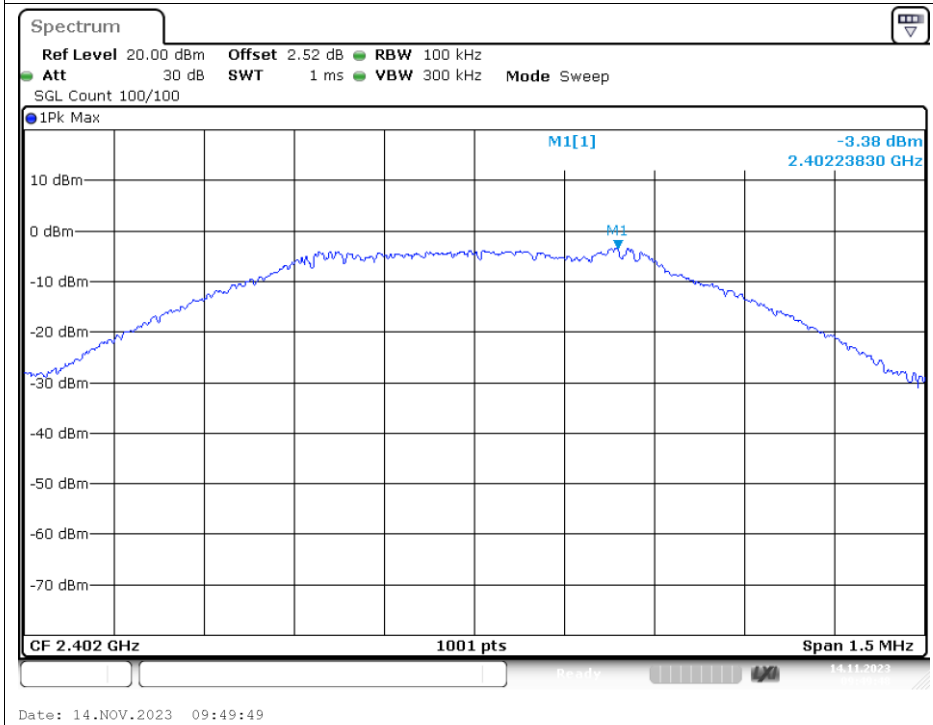


Conducted RF Spurious Emission

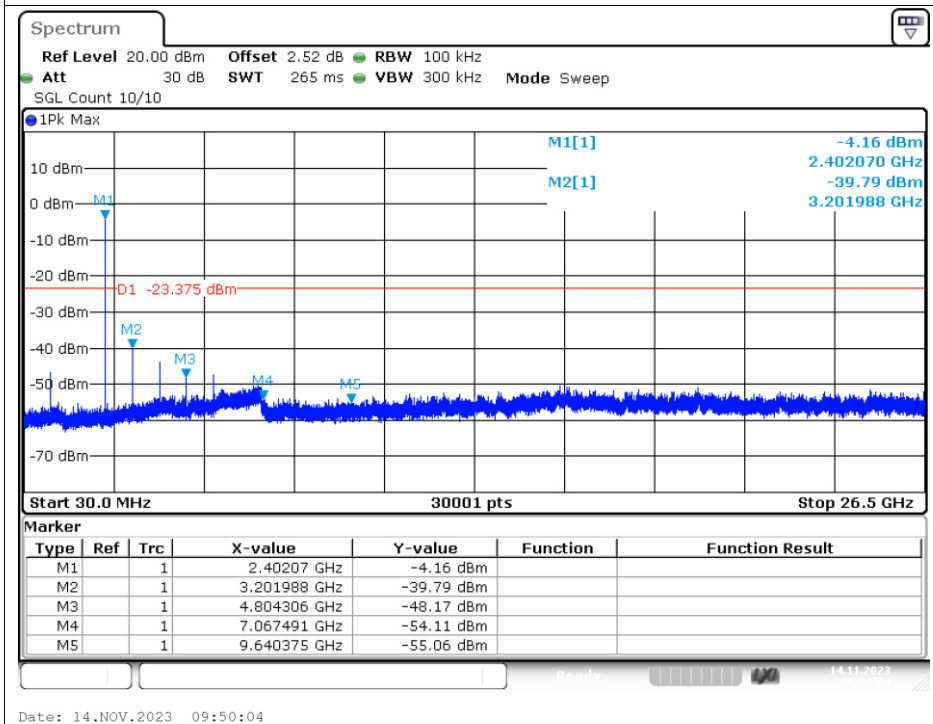
Condition	Mode	Frequency (MHz)	Antenna	Max Value (dBc)	Limit (dBc)	Verdict
NVNT	1-DH5	2402	Ant1	-36.41	-20	Pass
NVNT	1-DH5	2441	Ant1	-36.49	-20	Pass
NVNT	1-DH5	2480	Ant1	-38.51	-20	Pass

Test Graphs

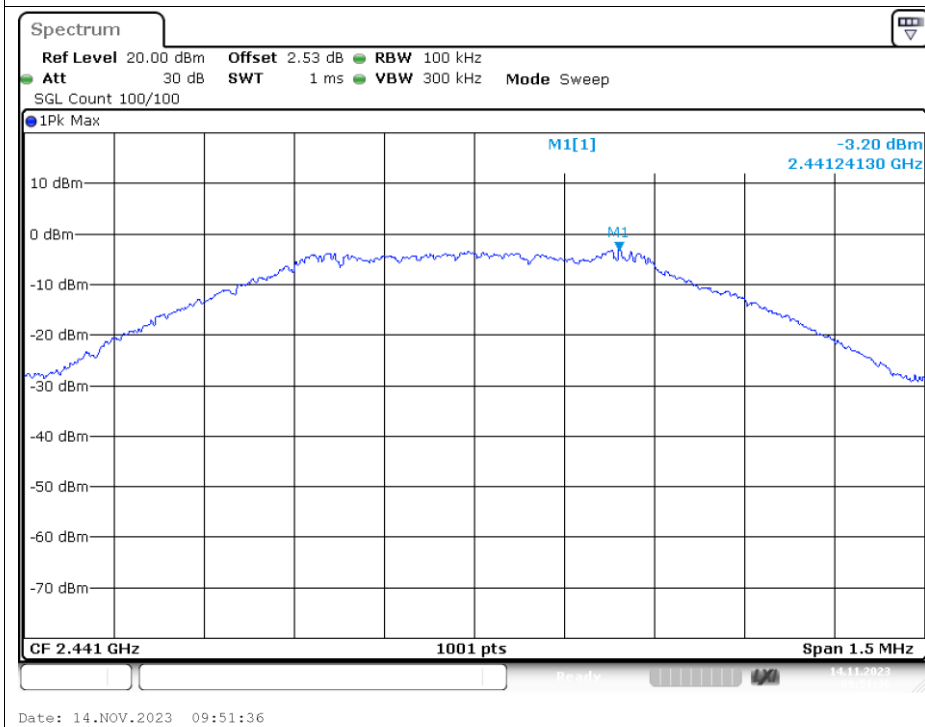
Tx. Spurious NVNT 1-DH5 2402MHz Ant1 Ref



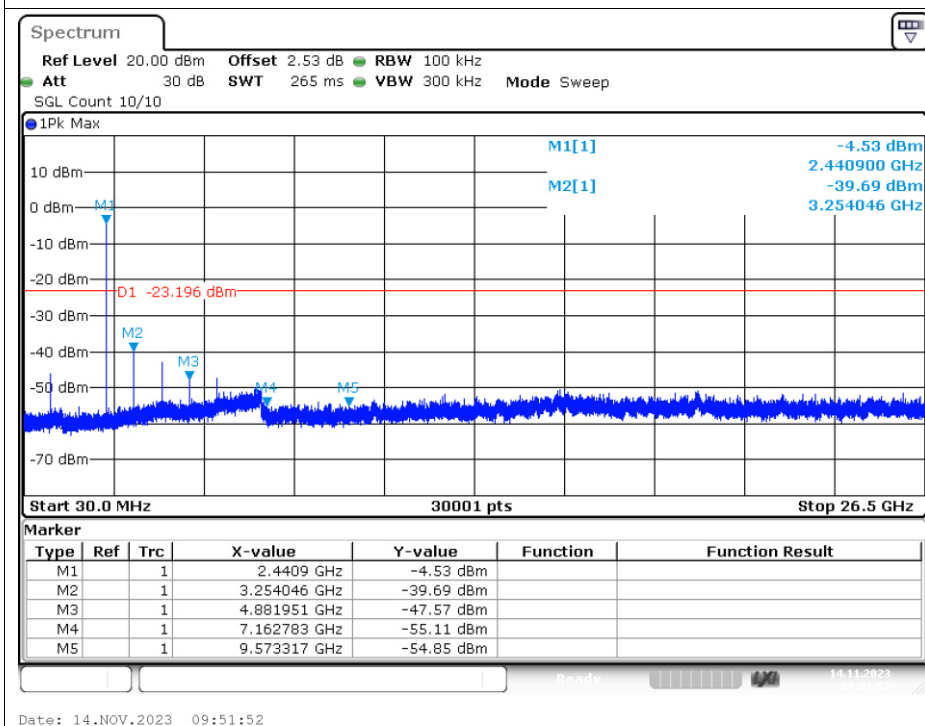
Tx. Spurious NVNT 1-DH5 2402MHz Ant1 Emission



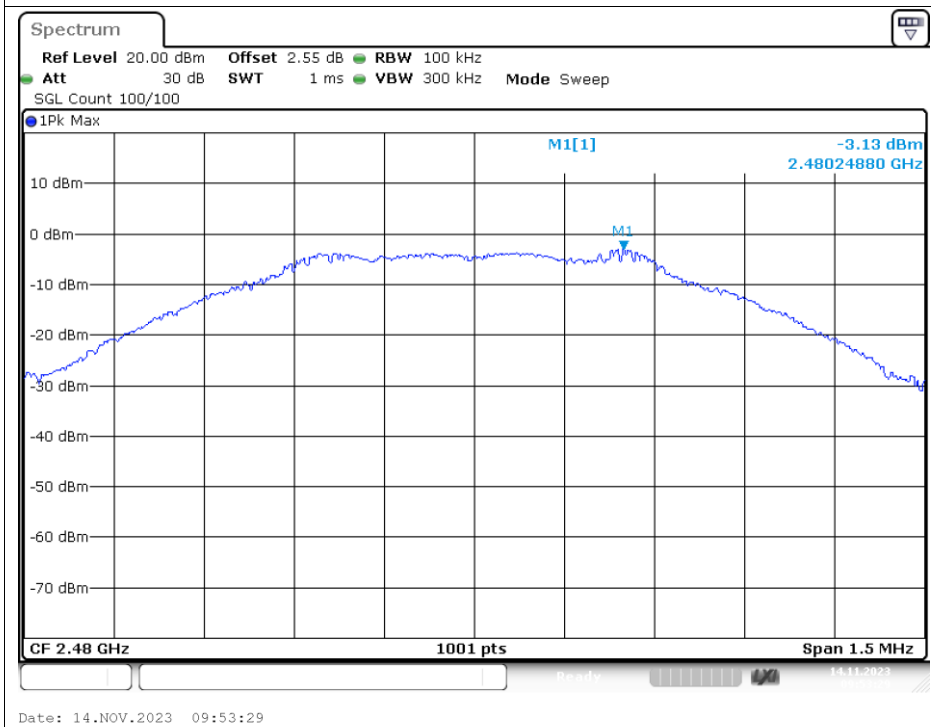
Tx. Spurious NVNT 1-DH5 2441MHz Ant1 Ref



Tx. Spurious NVNT 1-DH5 2441MHz Ant1 Emission



Tx. Spurious NVNT 1-DH5 2480MHz Ant1 Ref



Tx. Spurious NVNT 1-DH5 2480MHz Ant1 Emission

