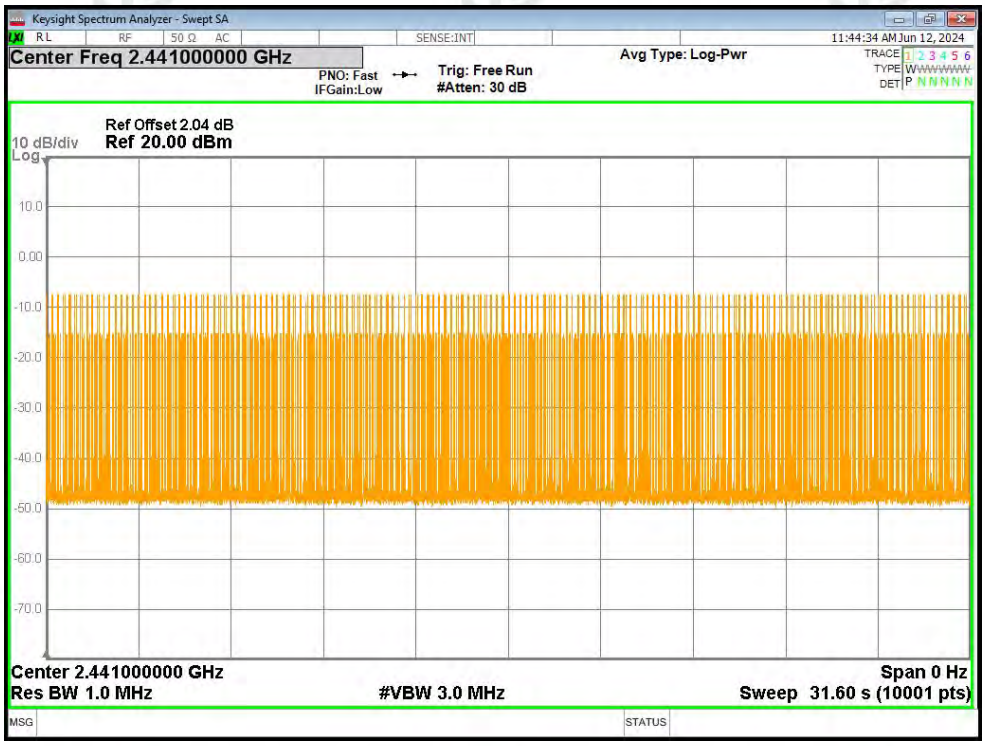
Dwell Time

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	0.375	119.625	319	31600	400	Pass
NVNT	1-DH3	2441	Ant1	1.631	254.436	156	31600	400	Pass
NVNT	1-DH5	2441	Ant1	2.88	296.64	103	31600	400	Pass
NVNT	2-DH1	2441	Ant1	0.385	121.275	315	31600	400	Pass
NVNT	2-DH3	2441	Ant1	1.629	267.156	164	31600	400	Pass
NVNT	2-DH5	2441	Ant1	2.885	282.73	98	31600	400	Pass
NVNT	3-DH1	2441	Ant1	0.386	122.362	317	31600	400	Pass
NVNT	3-DH3	2441	Ant1	1.636	271.576	166	31600	400	Pass
NVNT	3-DH5	2441	Ant1	2.887	320.457	111	31600	400	Pass

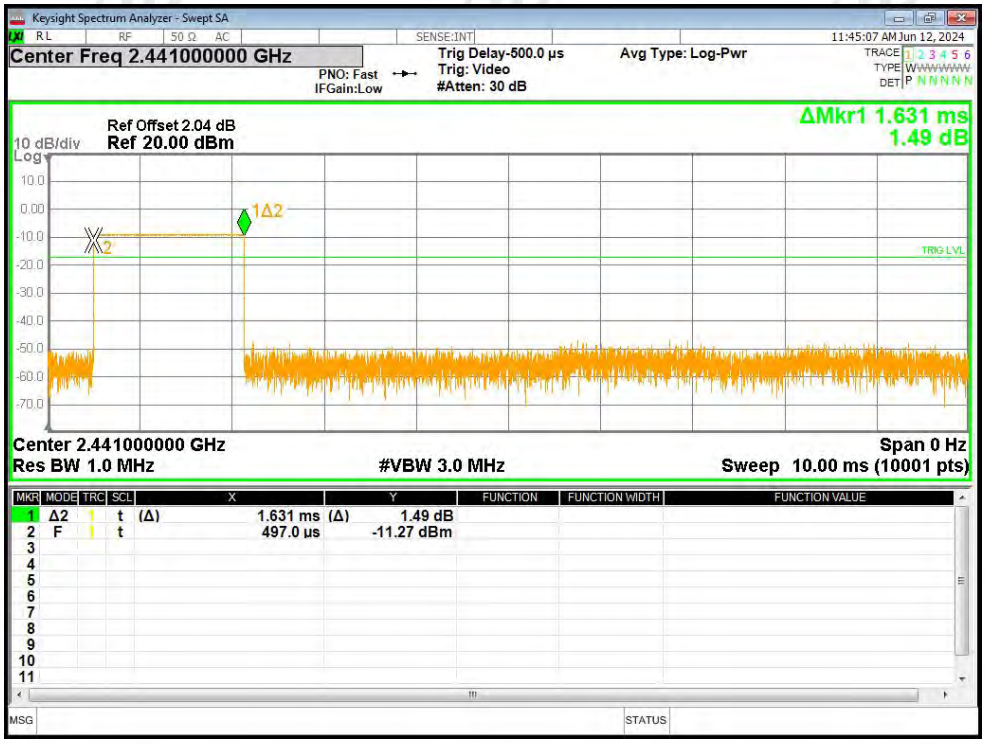
Test Graphs

Dwell NVNT 1-DH1 2441MHz Ant1 One Burst

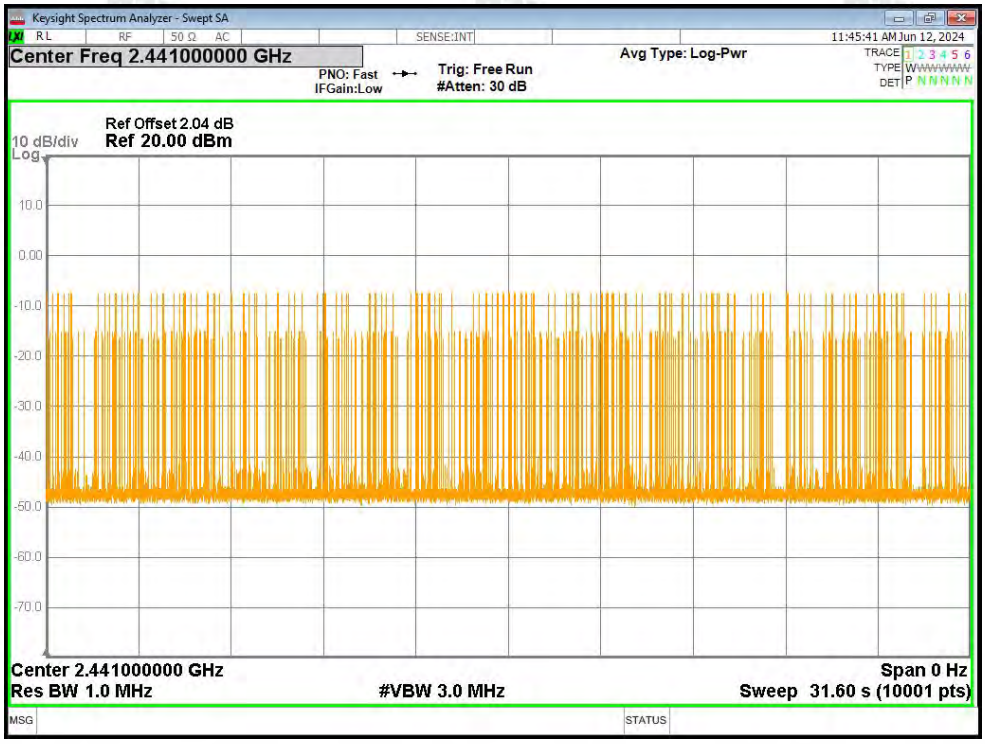
Dwell NVNT 1-DH1 2441MHz Ant1 Accumulated



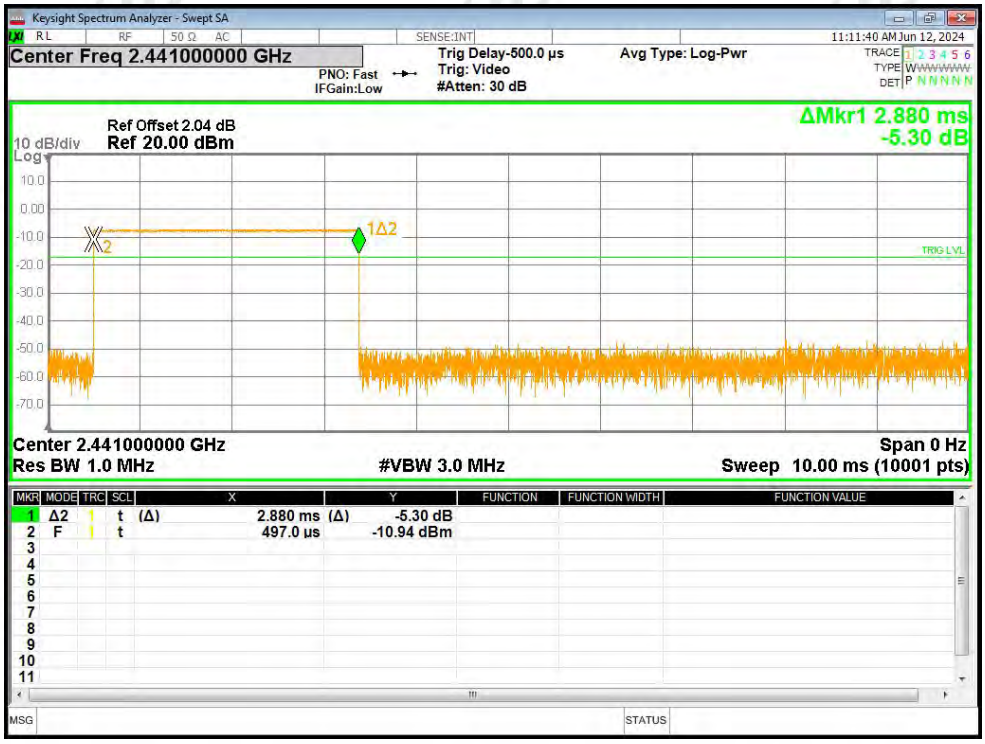
Dwell NVNT 1-DH3 2441MHz Ant1 One Burst



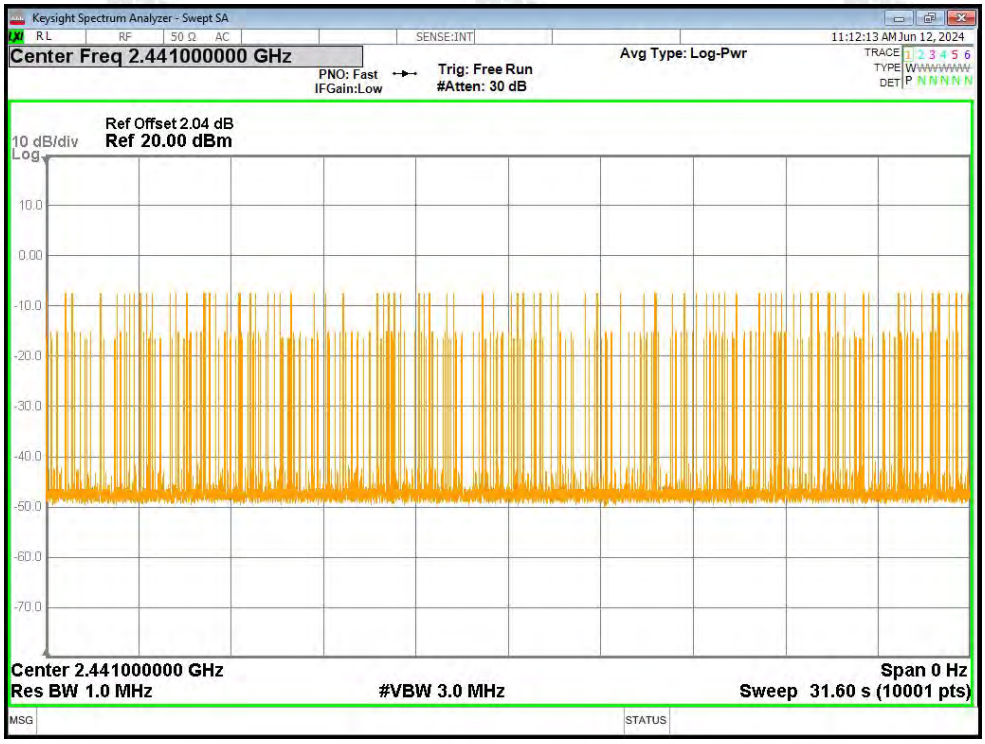
Dwell NVNT 1-DH3 2441MHz Ant1 Accumulated



Dwell NVNT 1-DH5 2441MHz Ant1 One Burst

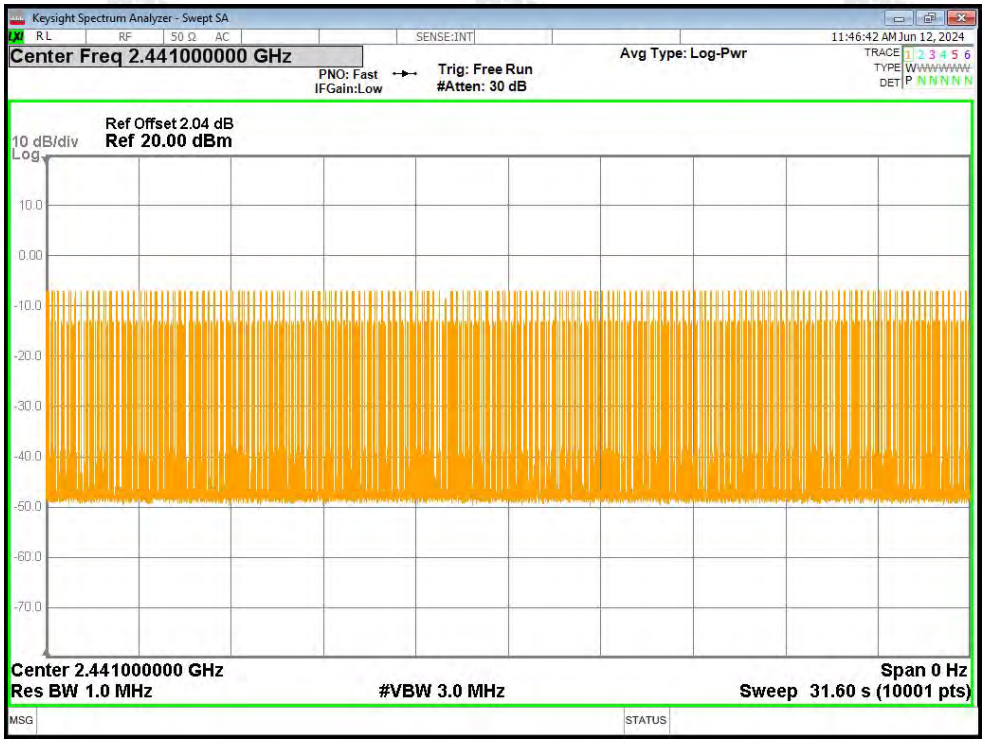


Dwell NVNT 1-DH5 2441MHz Ant1 Accumulated

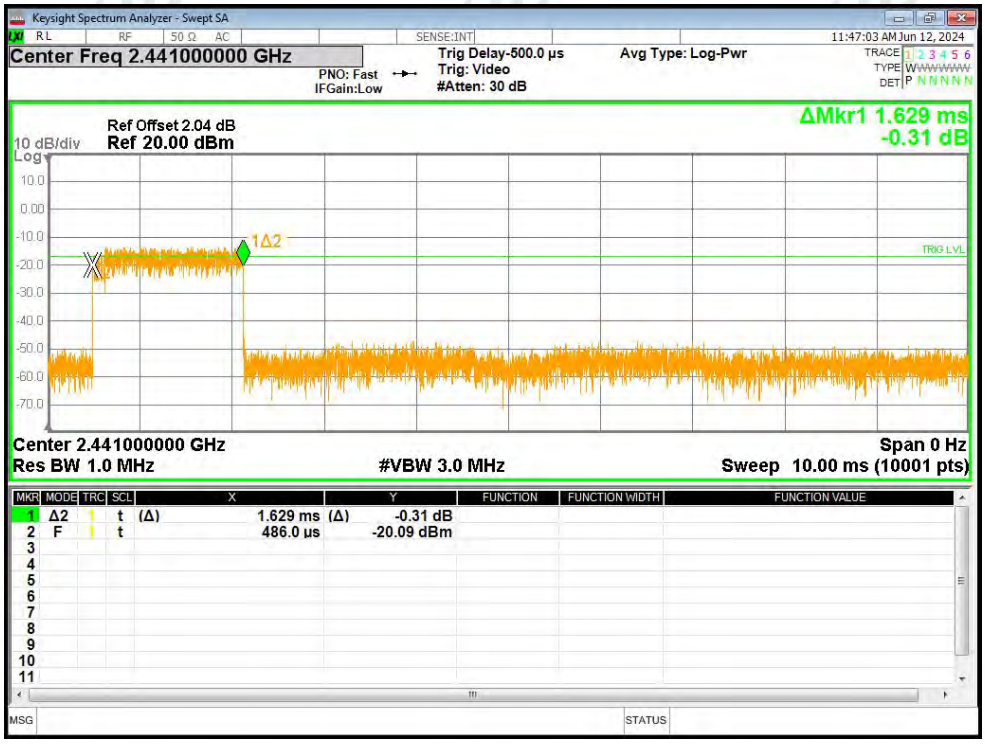


Dwell NVNT 2-DH1 2441MHz Ant1 One Burst

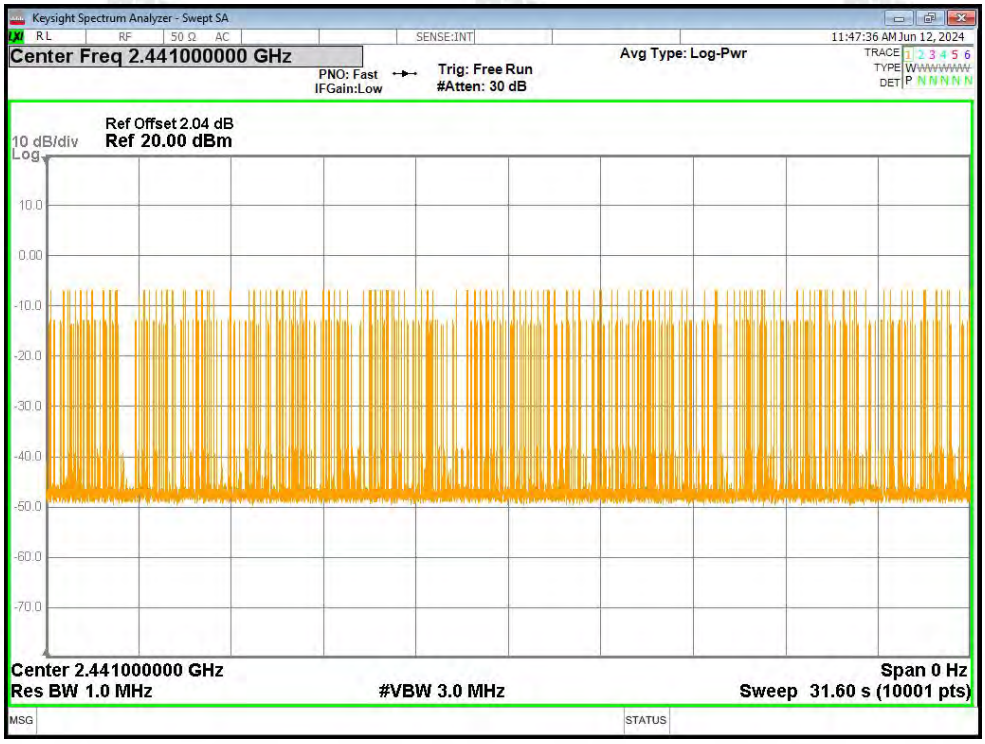
Dwell NVNT 2-DH1 2441MHz Ant1 Accumulated



Dwell NVNT 2-DH3 2441MHz Ant1 One Burst

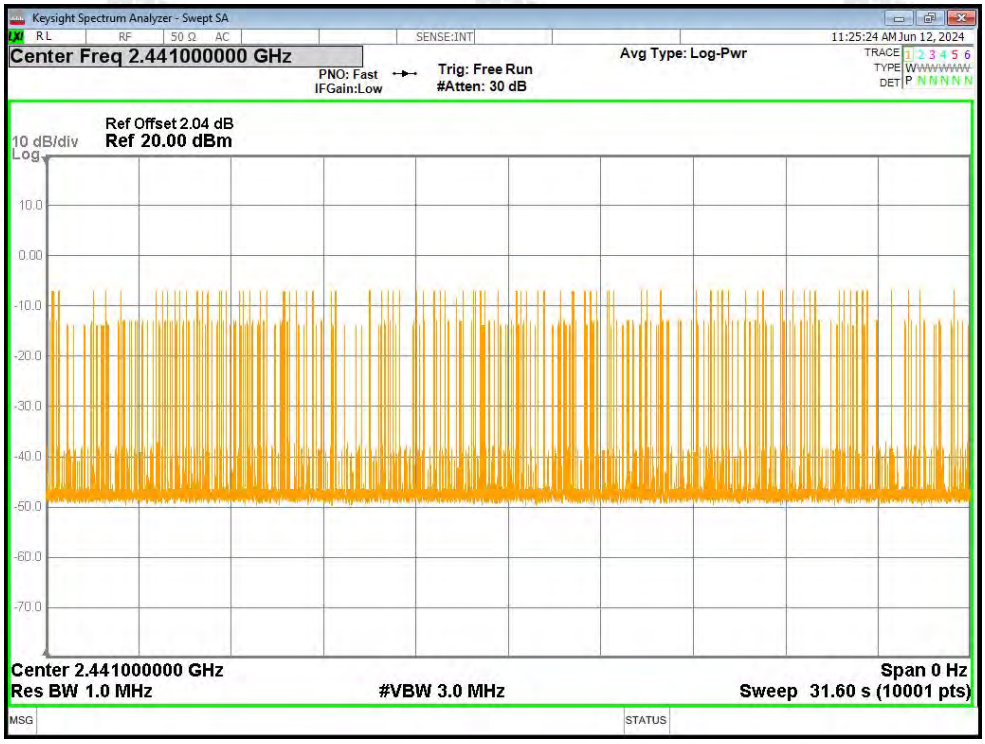


Dwell NVNT 2-DH3 2441MHz Ant1 Accumulated



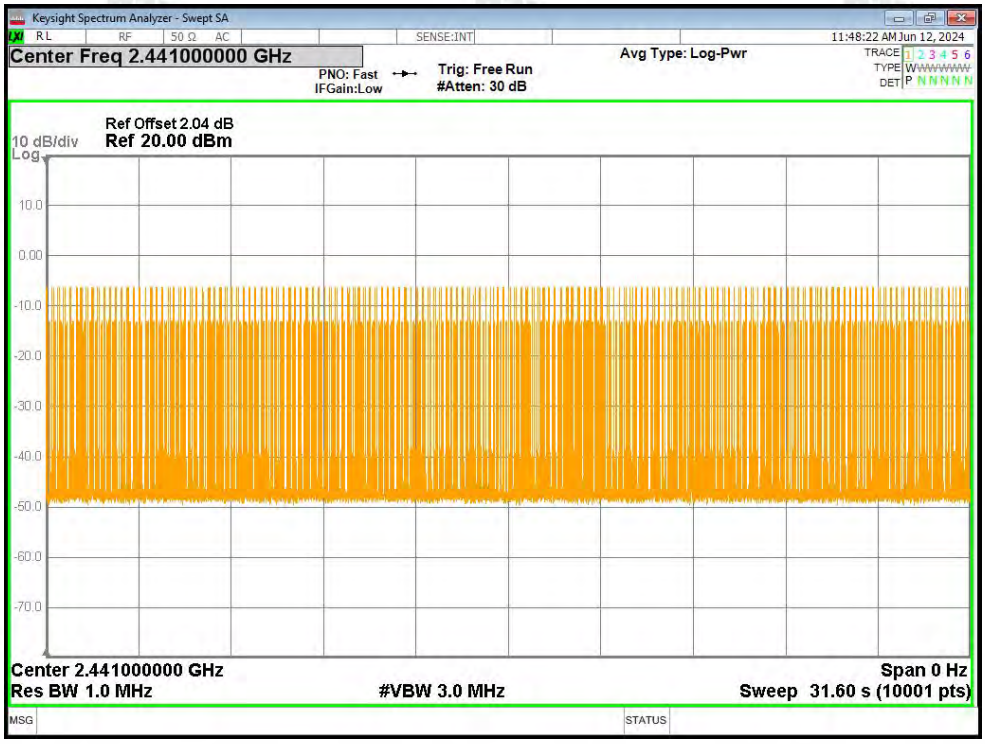
Dwell NVNT 2-DH5 2441MHz Ant1 One Burst

Dwell NVNT 2-DH5 2441MHz Ant1 Accumulated

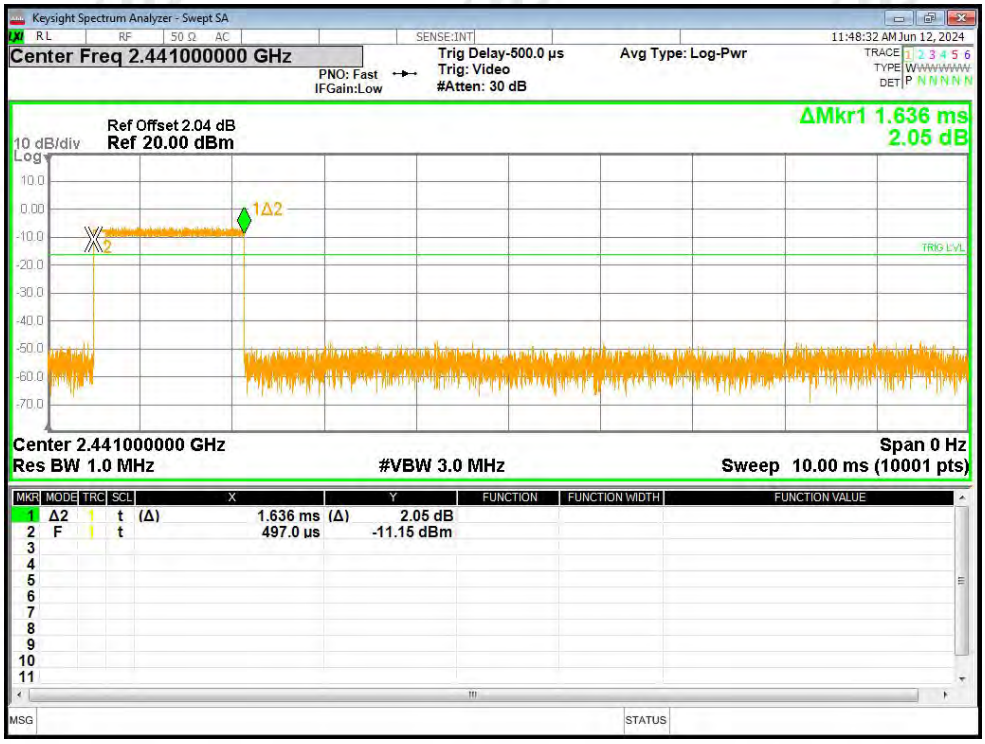


Dwell NVNT 3-DH1 2441MHz Ant1 One Burst

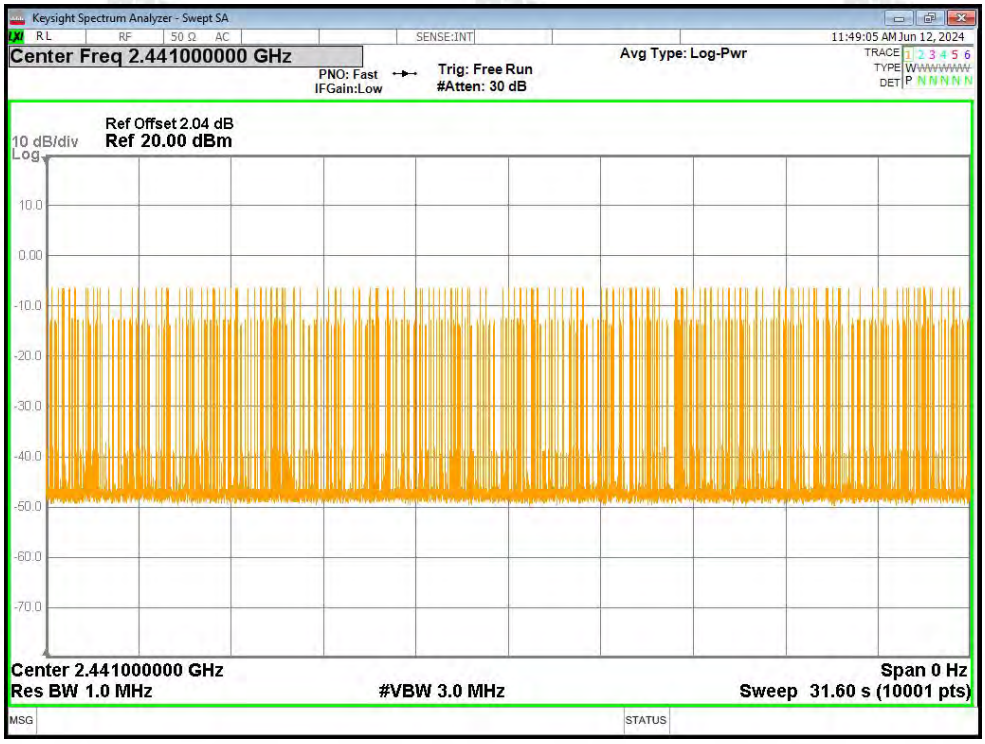
Dwell NVNT 3-DH1 2441MHz Ant1 Accumulated



Dwell NVNT 3-DH3 2441MHz Ant1 One Burst

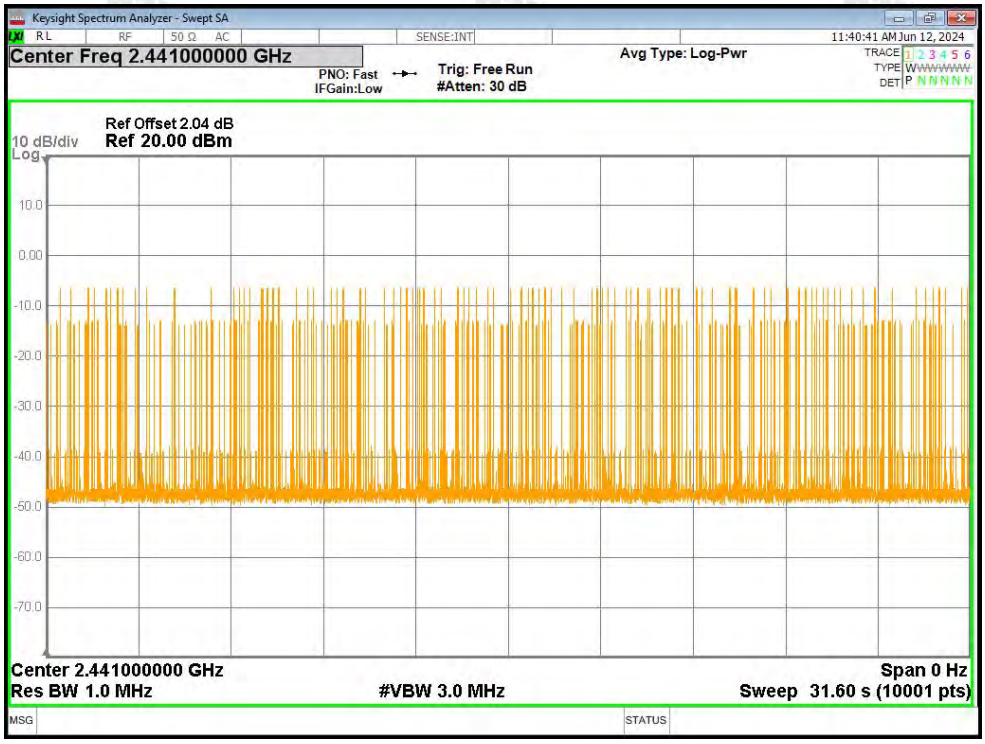


Dwell NVNT 3-DH3 2441MHz Ant1 Accumulated



Dwell NVNT 3-DH5 2441MHz Ant1 One Burst

Dwell NVNT 3-DH5 2441MHz Ant1 Accumulated

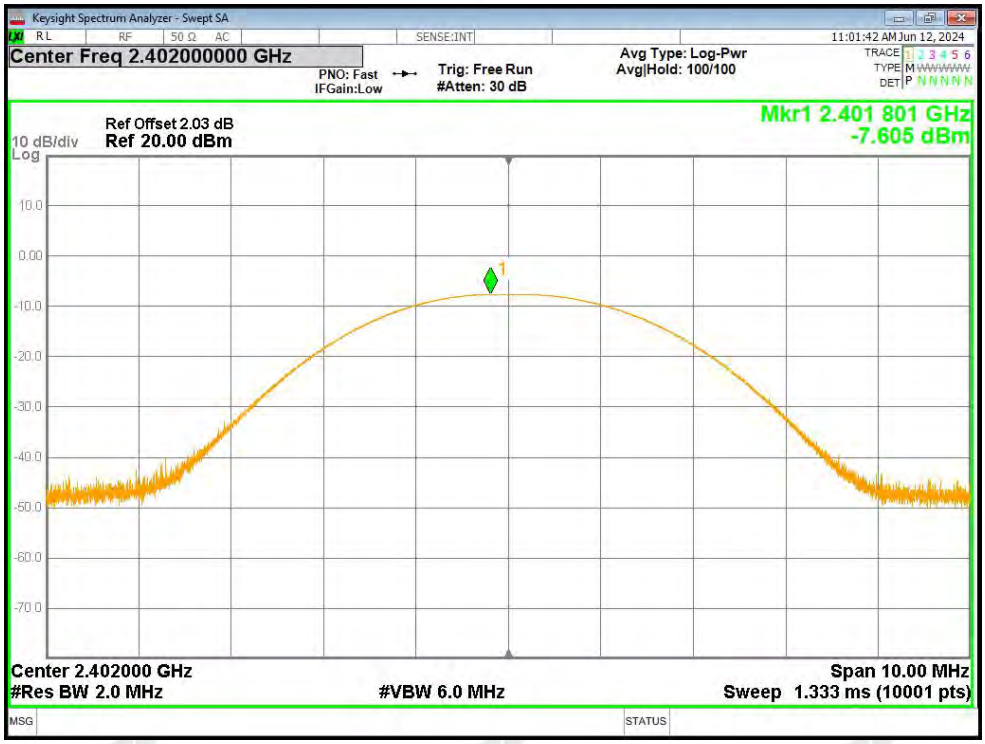


Maximum Peak Conducted Output Power

Condition	Mode	Frequency (MHz)	Antenna	Conducted Power (dBm)	Limit (dBm)	Verdict
NVNT	1-DH5	2402	Ant1	-7.61	21	Pass
NVNT	1-DH5	2441	Ant1	-7.54	21	Pass
NVNT	1-DH5	2480	Ant1	-8.94	21	Pass
NVNT	2-DH5	2402	Ant1	-6.7	21	Pass
NVNT	2-DH5	2441	Ant1	-6.63	21	Pass
NVNT	2-DH5	2480	Ant1	-8.04	21	Pass
NVNT	3-DH5	2402	Ant1	-6.26	21	Pass
NVNT	3-DH5	2441	Ant1	-6.09	21	Pass
NVNT	3-DH5	2480	Ant1	-7.44	21	Pass

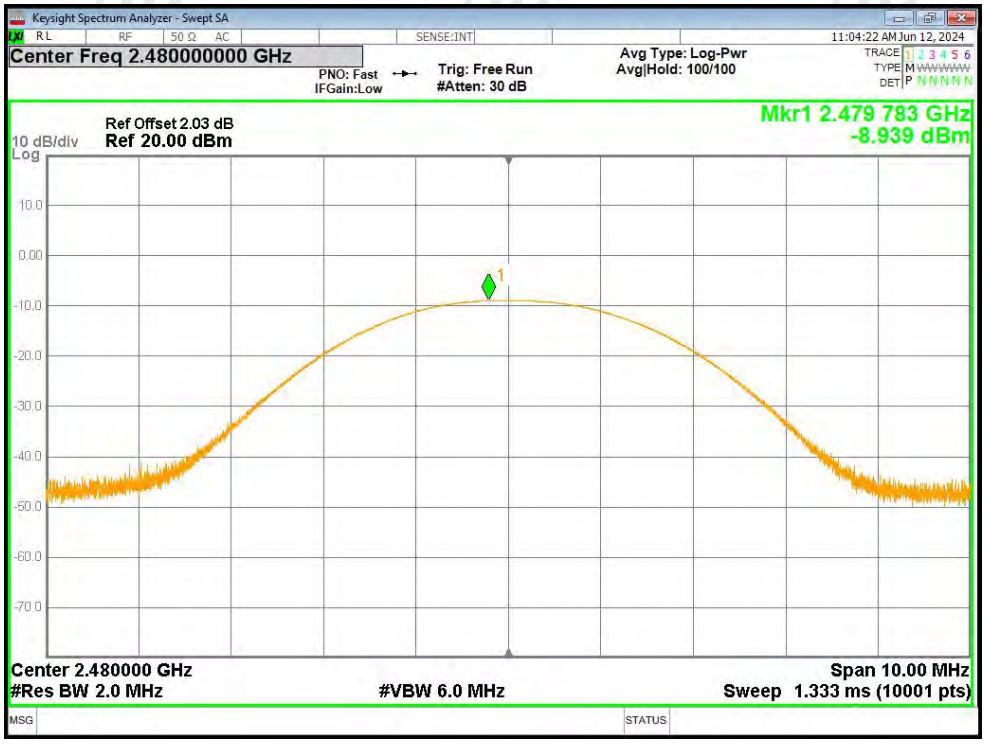
Test Graphs

Peak Power NVNT 1-DH5 2402MHz Ant1

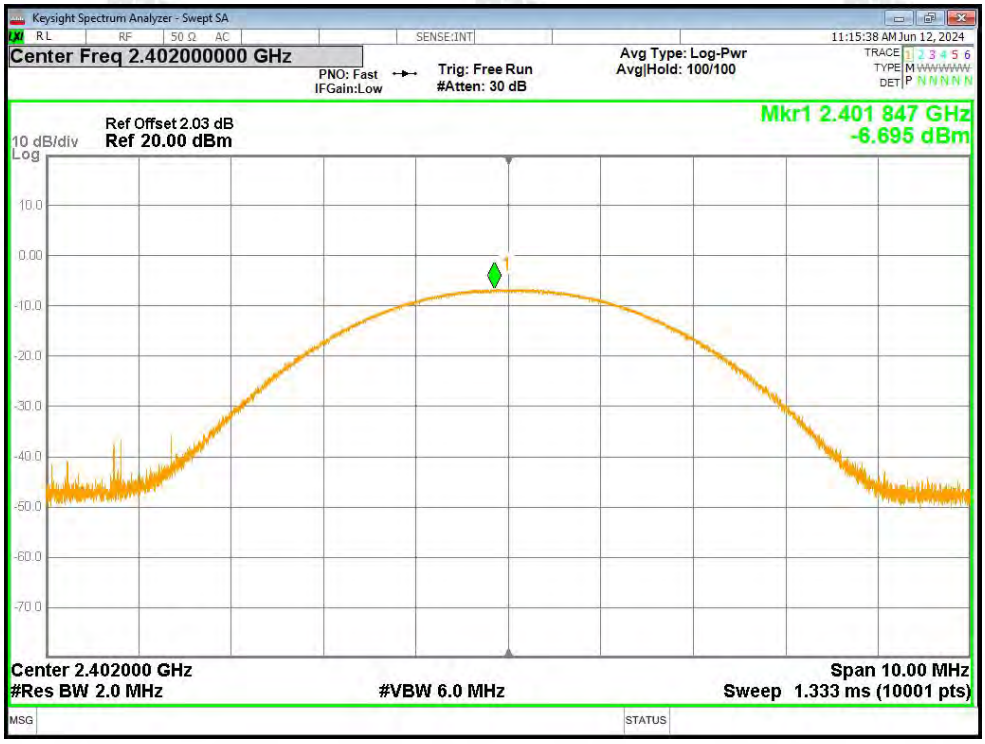


Peak Power NVNT 1-DH5 2441MHz Ant1

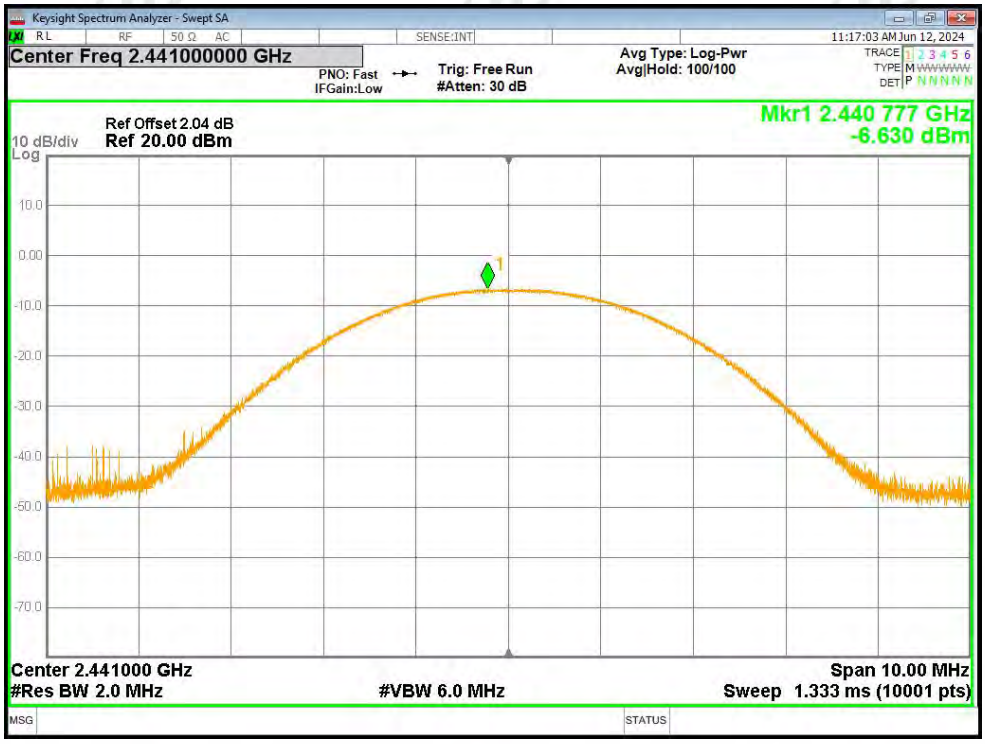
Peak Power NVNT 1-DH5 2480MHz Ant1



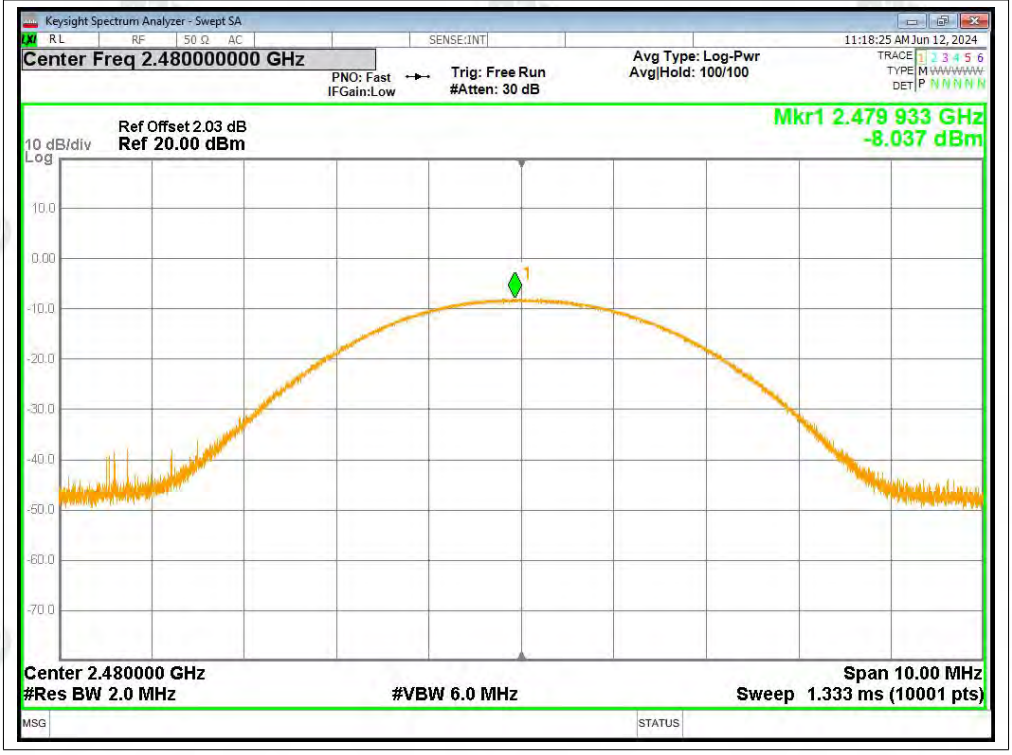
Peak Power NVNT 2-DH5 2402MHz Ant1



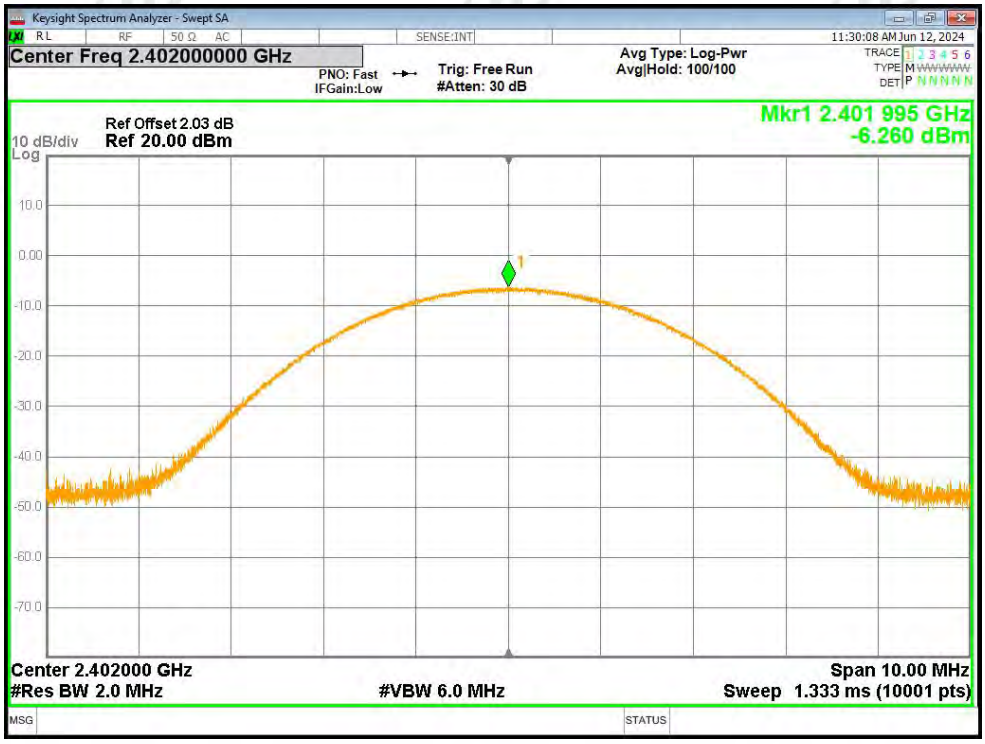
Peak Power NVNT 2-DH5 2441MHz Ant1



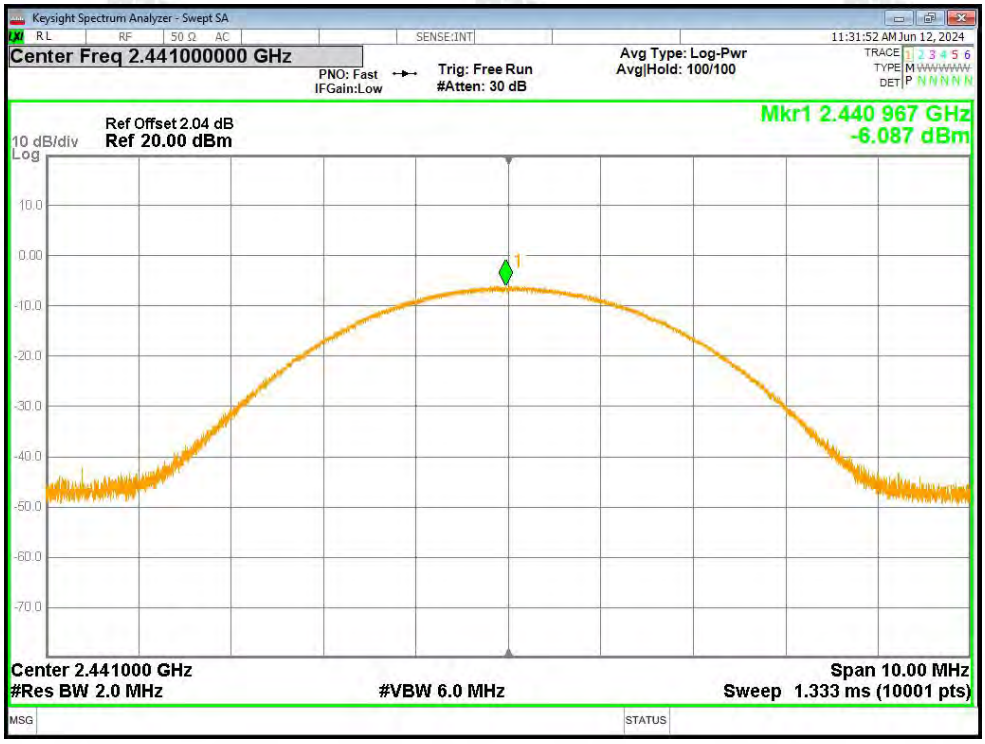
Peak Power NVNT 2-DH5 2480MHz Ant1



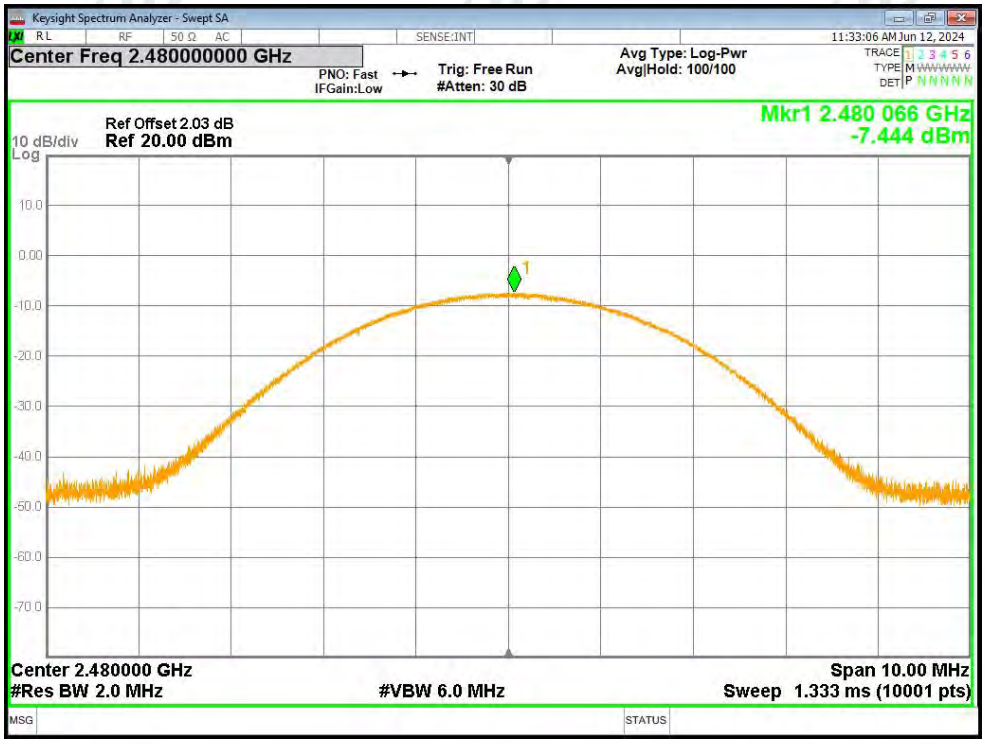
Peak Power NVNT 3-DH5 2402MHz Ant1



Peak Power NVNT 3-DH5 2441MHz Ant1



Peak Power NVNT 3-DH5 2480MHz Ant1

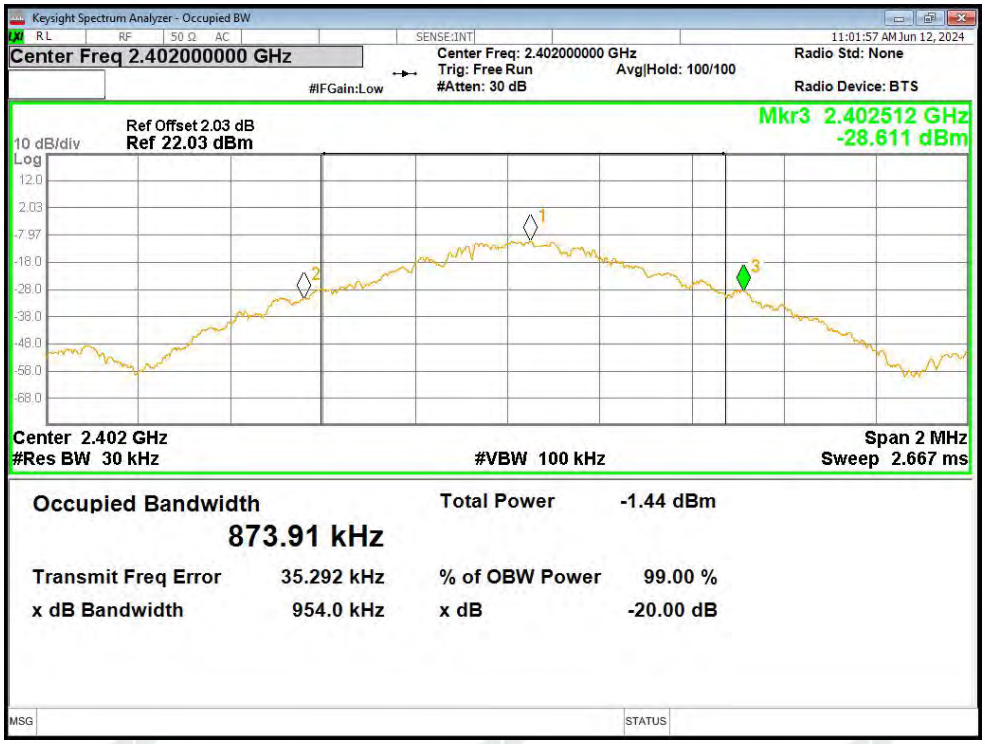


-20dB Bandwidth

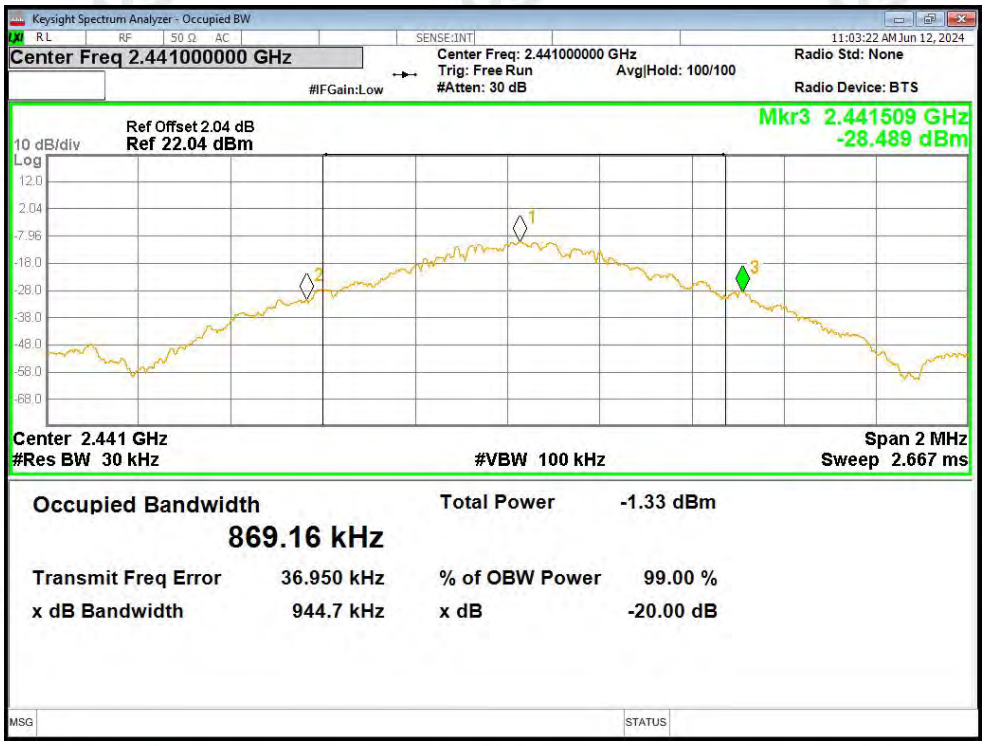
Condition	Mode	Frequency (MHz)	Antenna	-20 dB Bandwidth (MHz)	Limit -20 dB Bandwidth (MHz)	Verdict
NVNT	1-DH5	2402	Ant1	0.954	/	Pass
NVNT	1-DH5	2441	Ant1	0.945	/	Pass
NVNT	1-DH5	2480	Ant1	0.936	/	Pass
NVNT	2-DH5	2402	Ant1	1.336	/	Pass
NVNT	2-DH5	2441	Ant1	1.317	/	Pass
NVNT	2-DH5	2480	Ant1	1.276	/	Pass
NVNT	3-DH5	2402	Ant1	1.3	/	Pass
NVNT	3-DH5	2441	Ant1	1.29	/	Pass
NVNT	3-DH5	2480	Ant1	1.294	/	Pass

Test Graphs

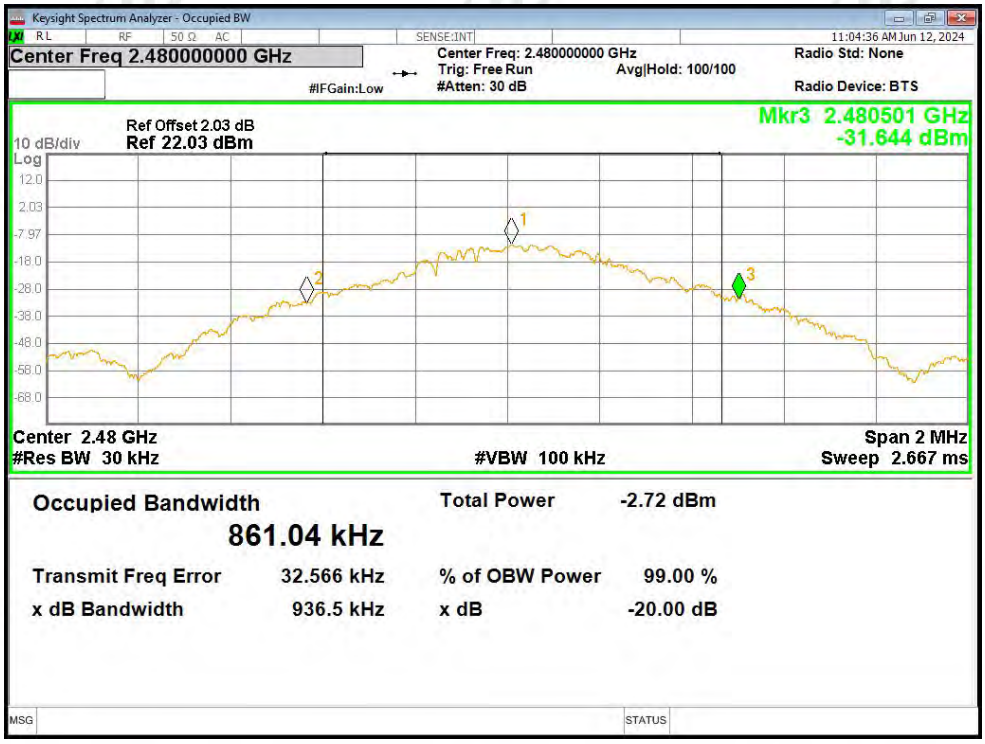
-20dB Bandwidth NVNT 1-DH5 2402MHz Ant1



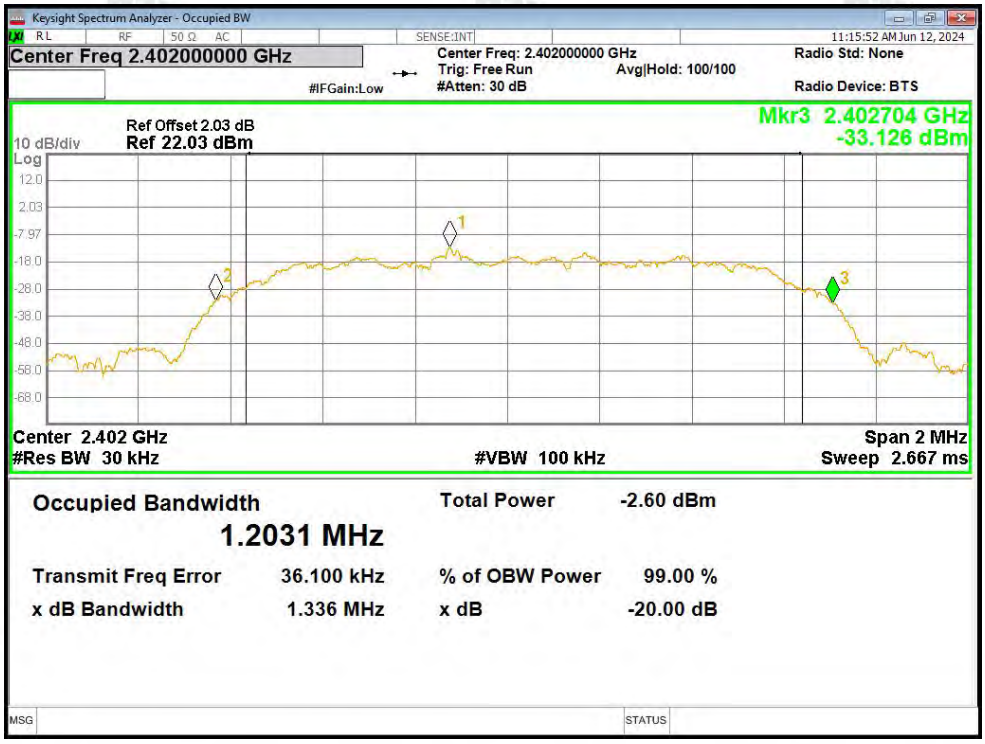
-20dB Bandwidth NVNT 1-DH5 2441MHz Ant1



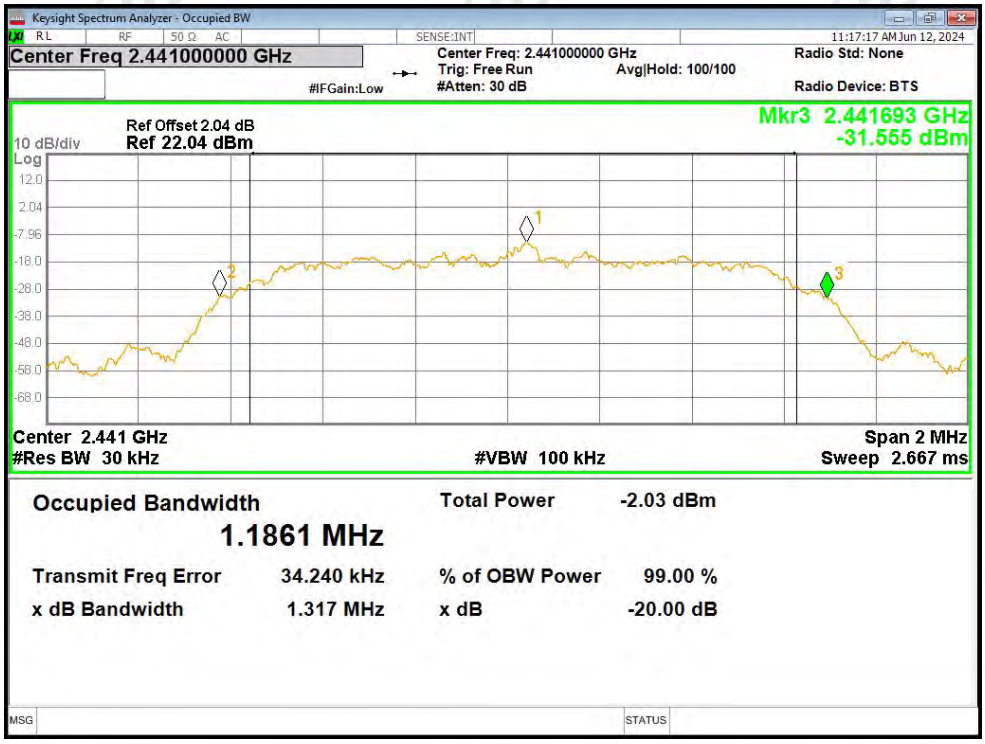
-20dB Bandwidth NVNT 1-DH5 2480MHz Ant1



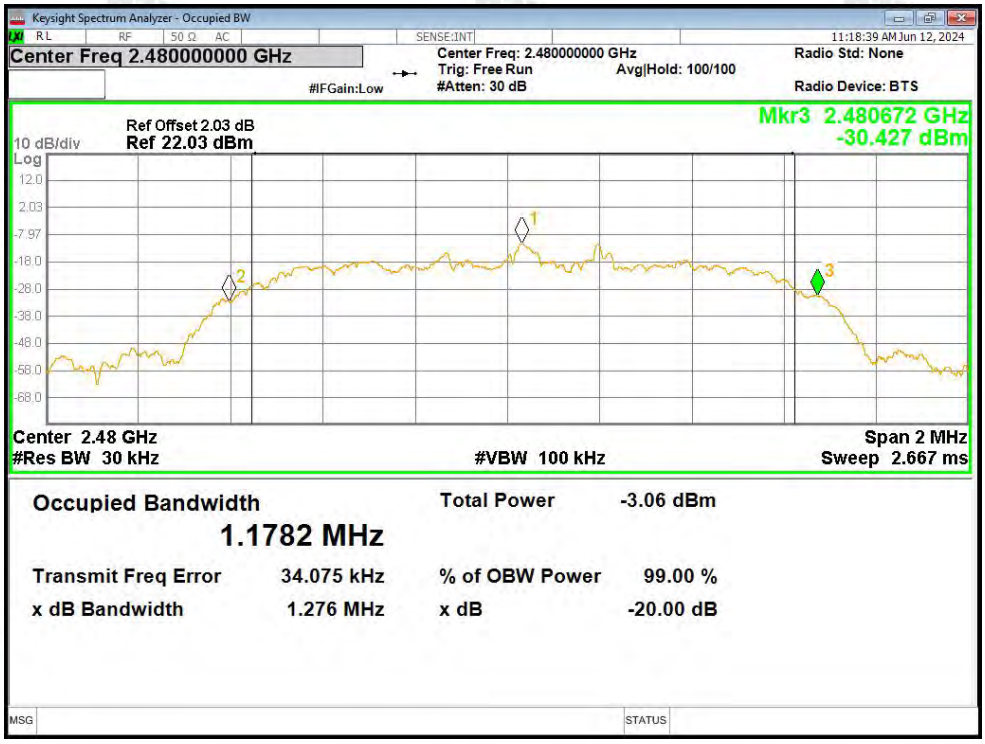
-20dB Bandwidth NVNT 2-DH5 2402MHz Ant1



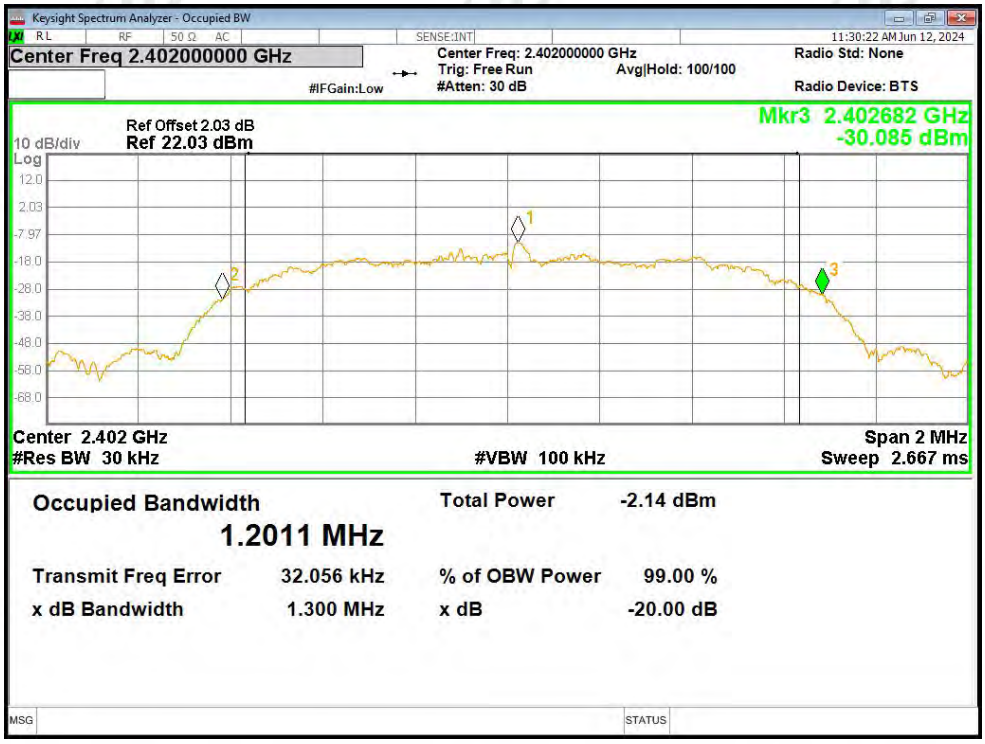
-20dB Bandwidth NVNT 2-DH5 2441MHz Ant1



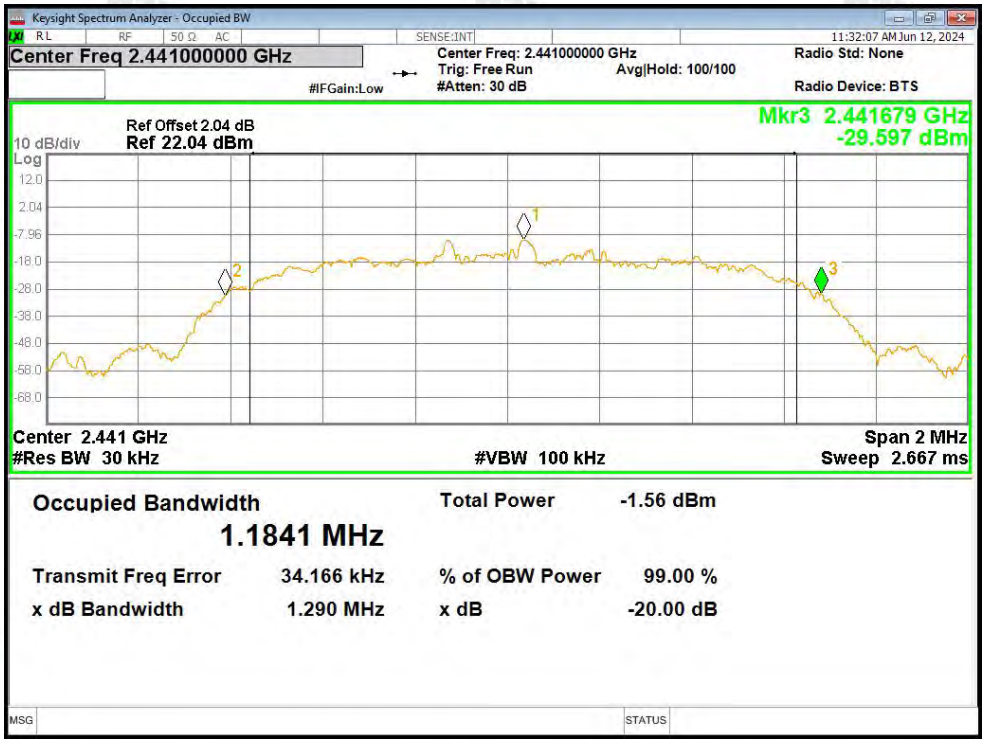
-20dB Bandwidth NVNT 2-DH5 2480MHz Ant1



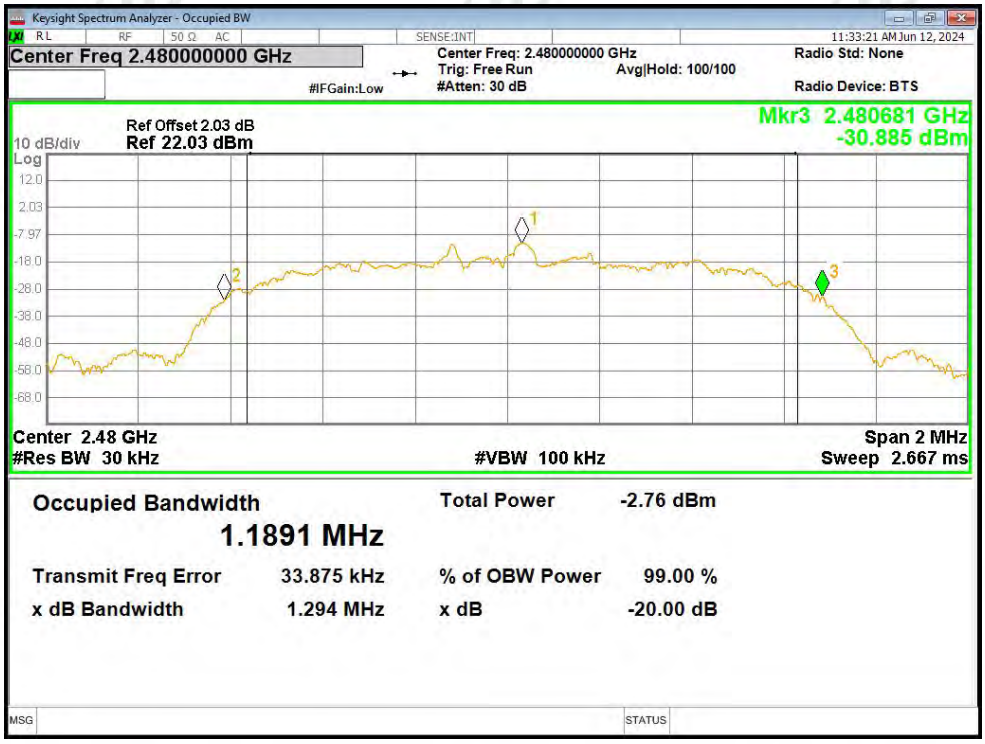
-20dB Bandwidth NVNT 3-DH5 2402MHz Ant1



-20dB Bandwidth NVNT 3-DH5 2441MHz Ant1



-20dB Bandwidth NVNT 3-DH5 2480MHz Ant1

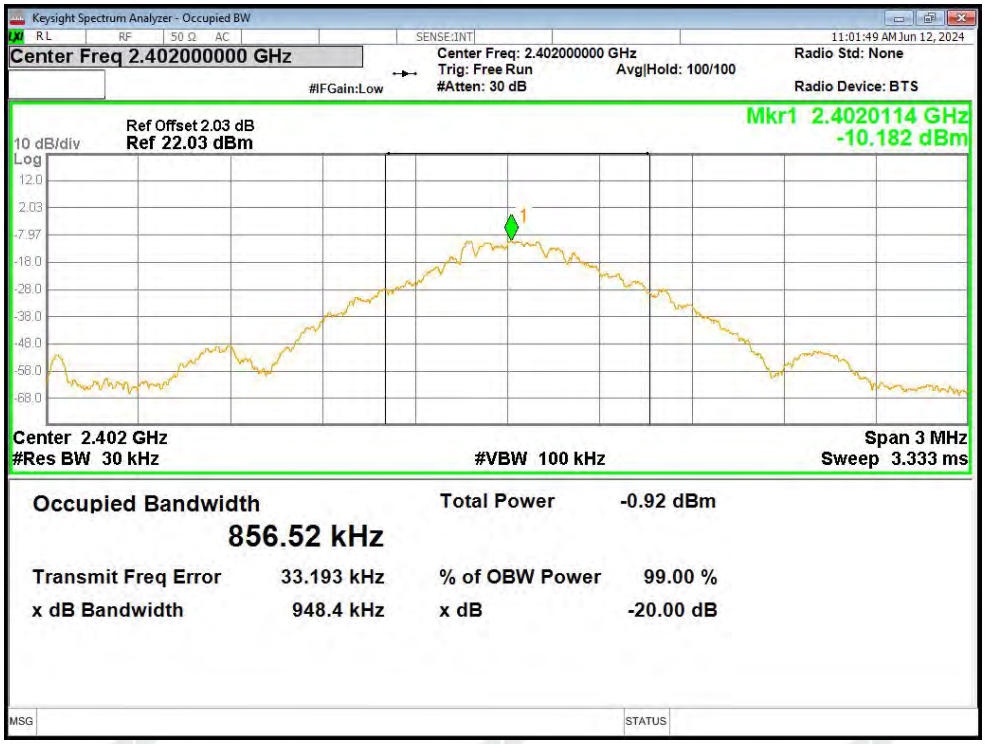


Occupied Channel Bandwidth

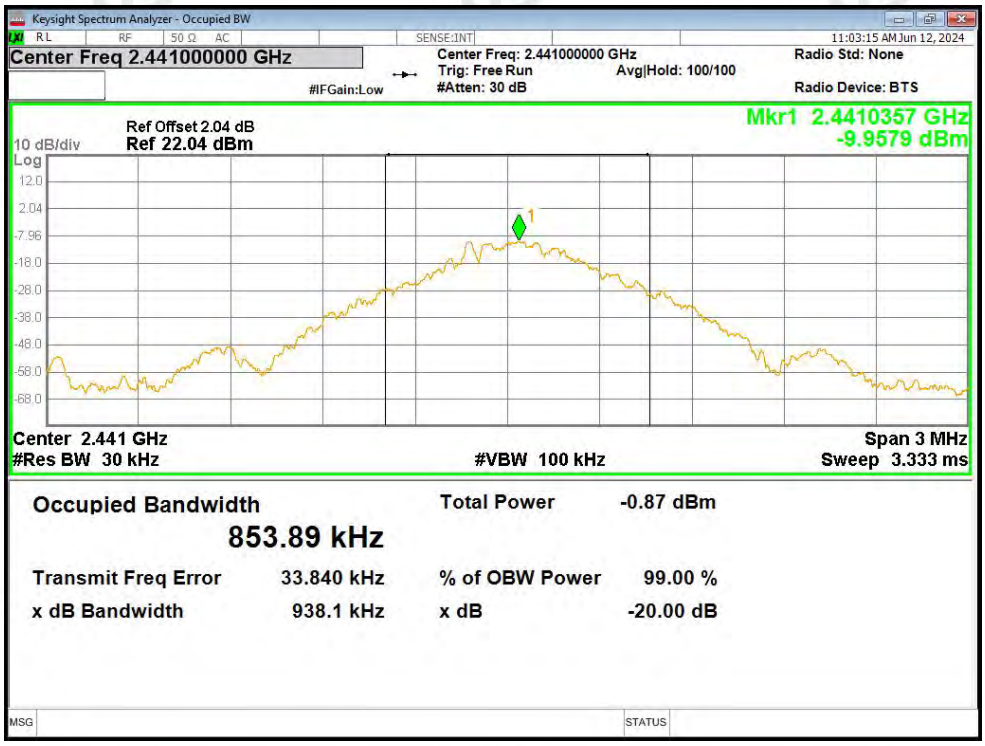
Condition	Mode	Frequency (MHz)	Antenna	99% OBW (MHz)
NVNT	1-DH5	2402	Ant1	0.857
NVNT	1-DH5	2441	Ant1	0.854
NVNT	1-DH5	2480	Ant1	0.866
NVNT	2-DH5	2402	Ant1	1.185
NVNT	2-DH5	2441	Ant1	1.184
NVNT	2-DH5	2480	Ant1	1.192
NVNT	3-DH5	2402	Ant1	1.187
NVNT	3-DH5	2441	Ant1	1.207
NVNT	3-DH5	2480	Ant1	1.194

Test Graphs

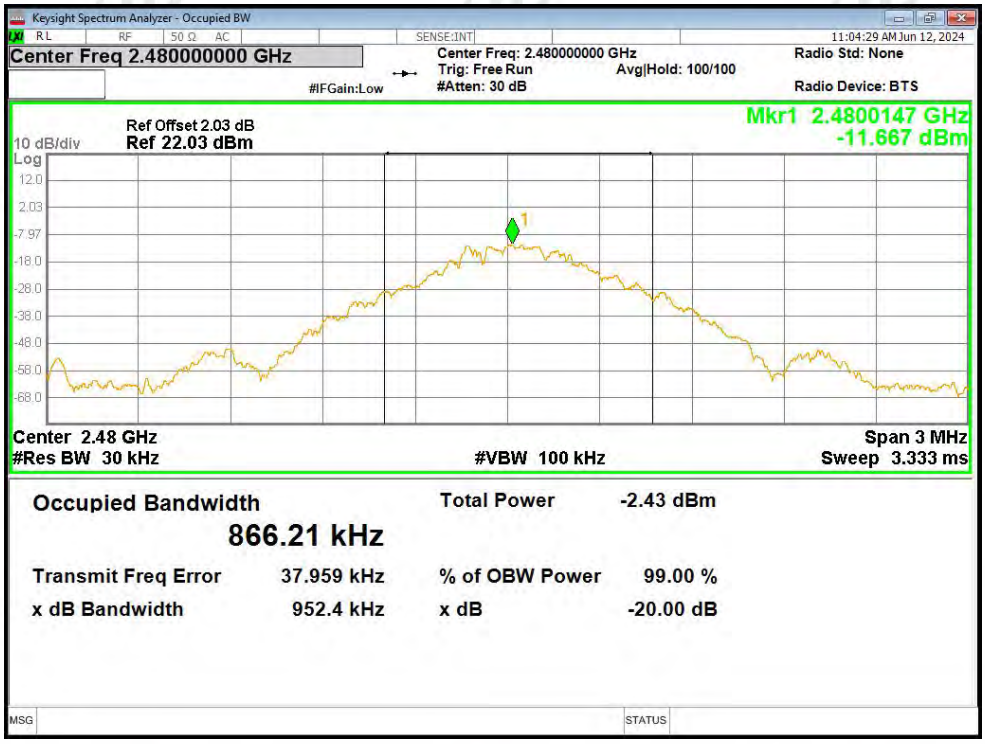
OBW NVNT 1-DH5 2402MHz Ant1



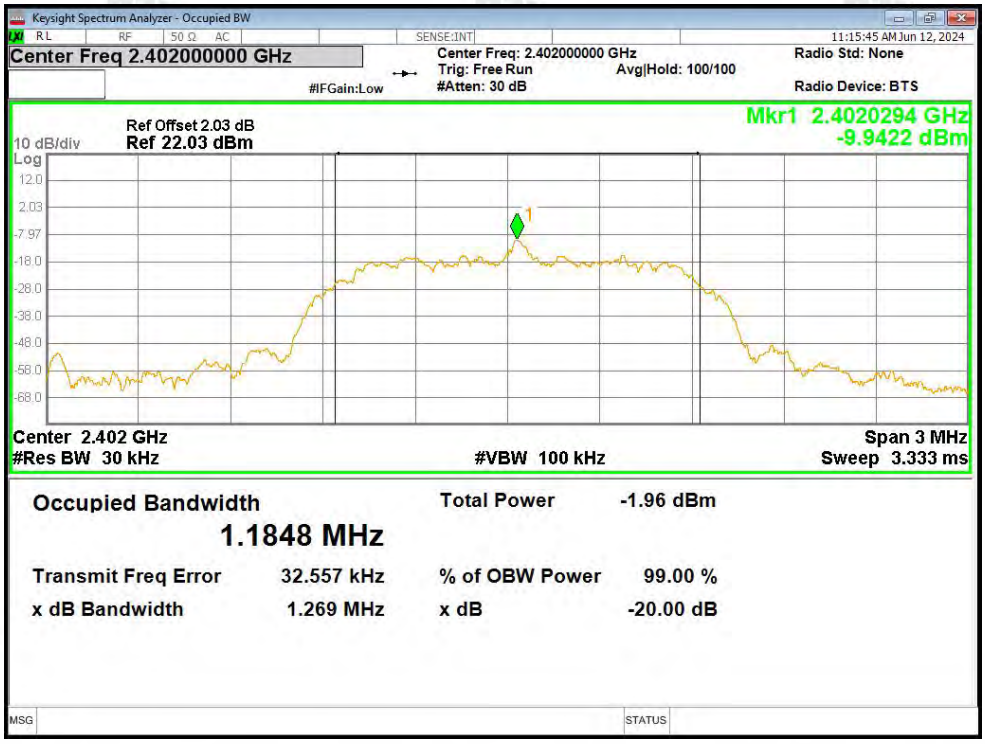
OBW NVNT 1-DH5 2441MHz Ant1



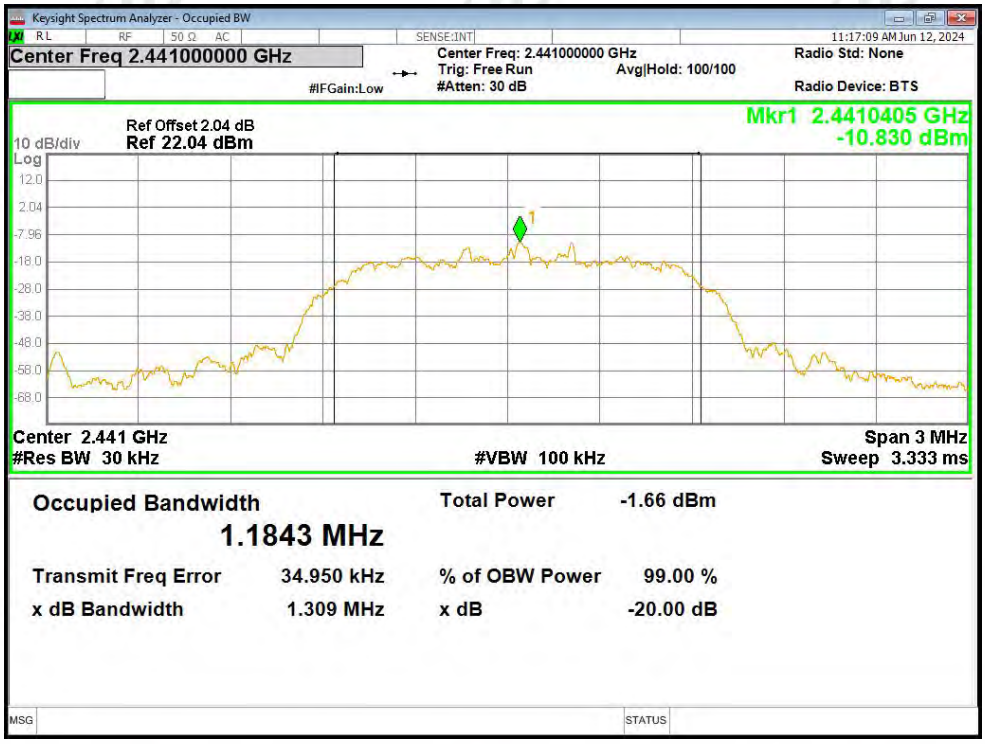
OBW NVNT 1-DH5 2480MHz Ant1



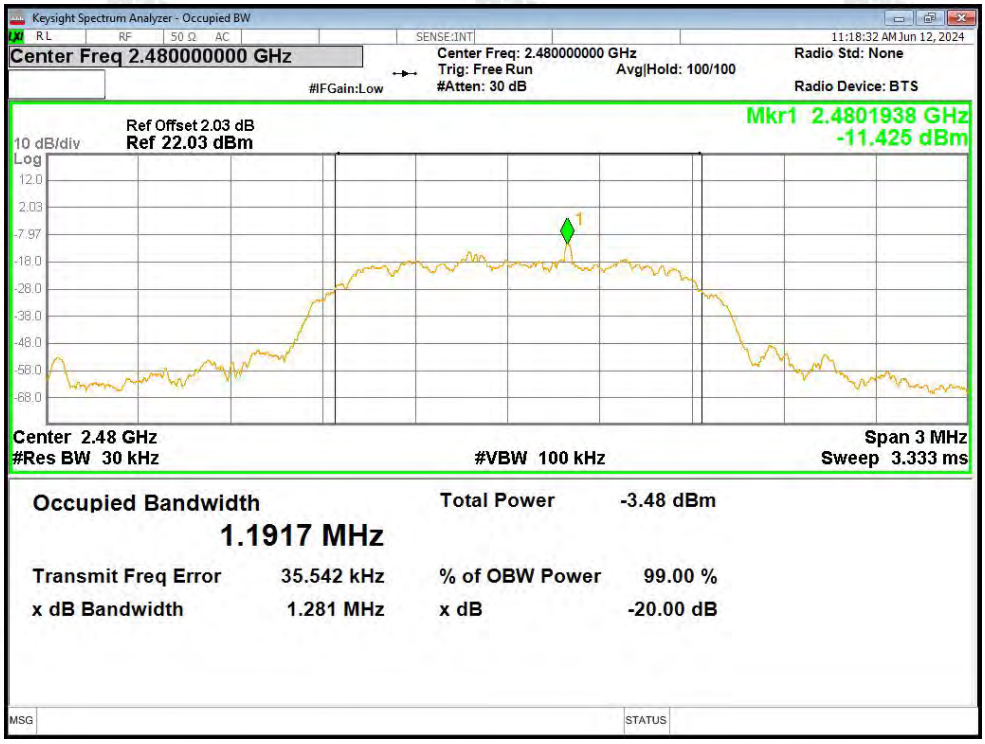
OBW NVNT 2-DH5 2402MHz Ant1



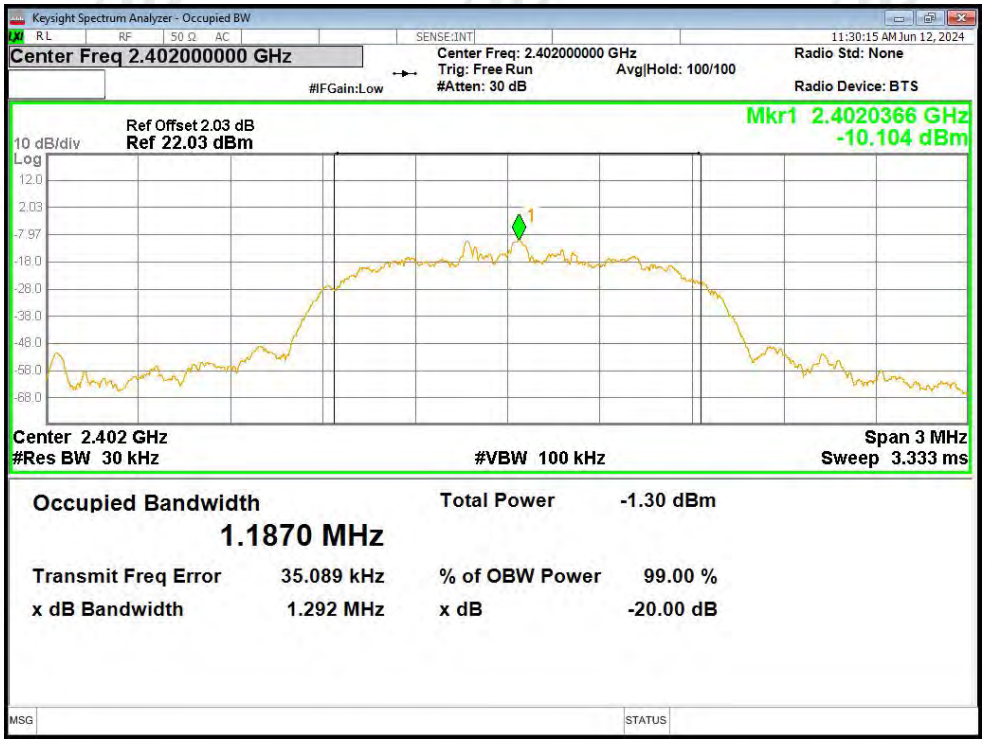
OBW NVNT 2-DH5 2441MHz Ant1



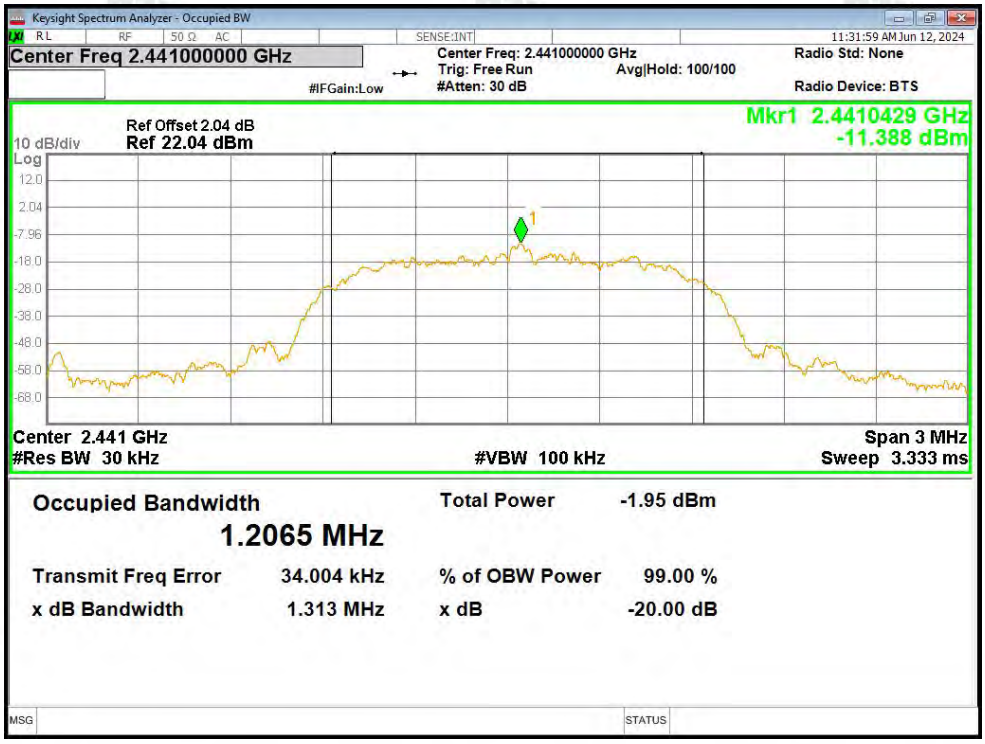
OBW NVNT 2-DH5 2480MHz Ant1



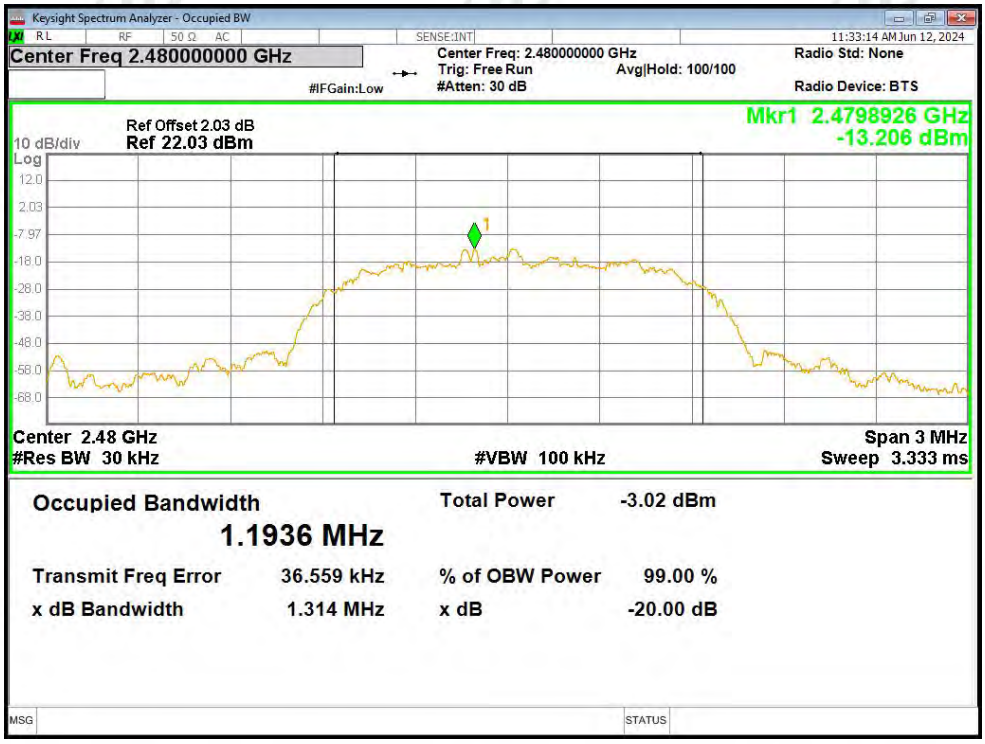
OBW NVNT 3-DH5 2402MHz Ant1



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	2479.01	2480.054	1.044	0.624	Pass
NVNT	2-DH5	Ant1	2479.044	2480.032	0.988	0.851	Pass
NVNT	3-DH5	Ant1	2478.872	2479.868	0.996	0.863	Pass

CFS NVNT 1-DH5 2480MHz Ant1

CFS NVNT 2-DH5 2480MHz Ant1

CFS NVNT 3-DH5 2480MHz Ant1

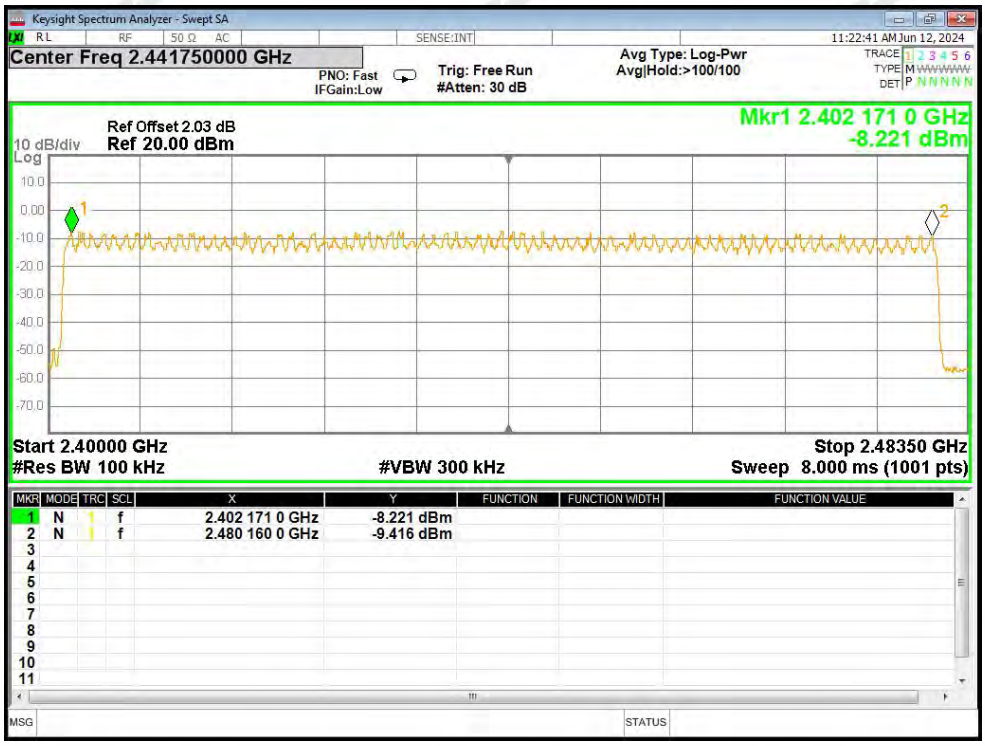
Number of Hopping Channel

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 Ant1

Hopping No. NVNT 2-DH5 Ant1



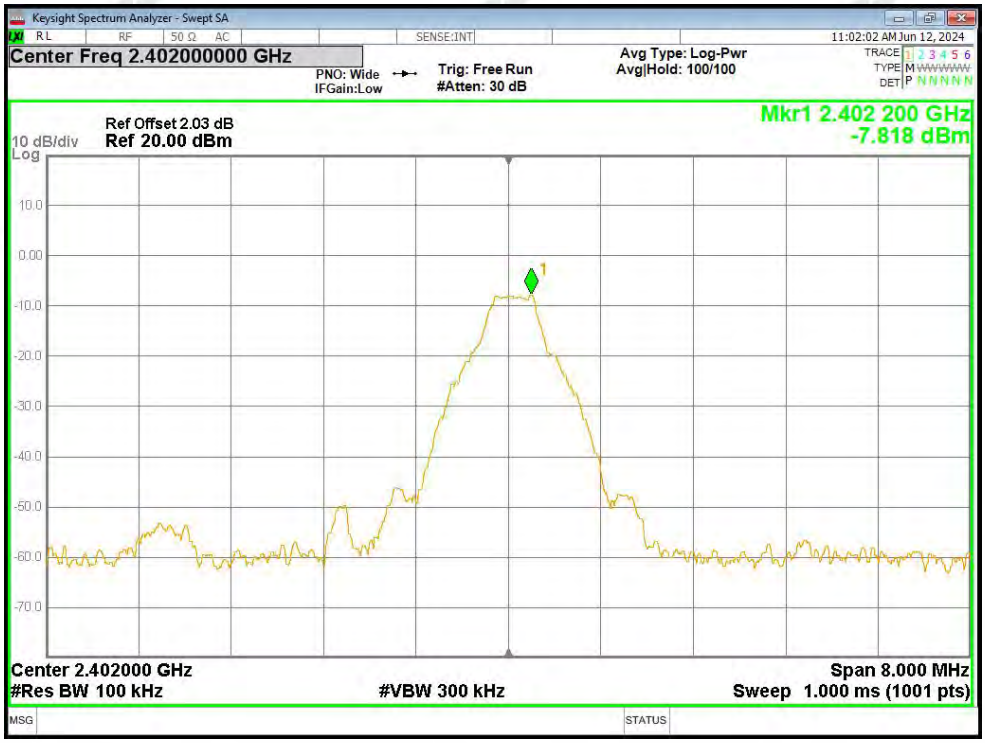
Hopping No. NVNT 3-DH5 Ant1

Band Edge

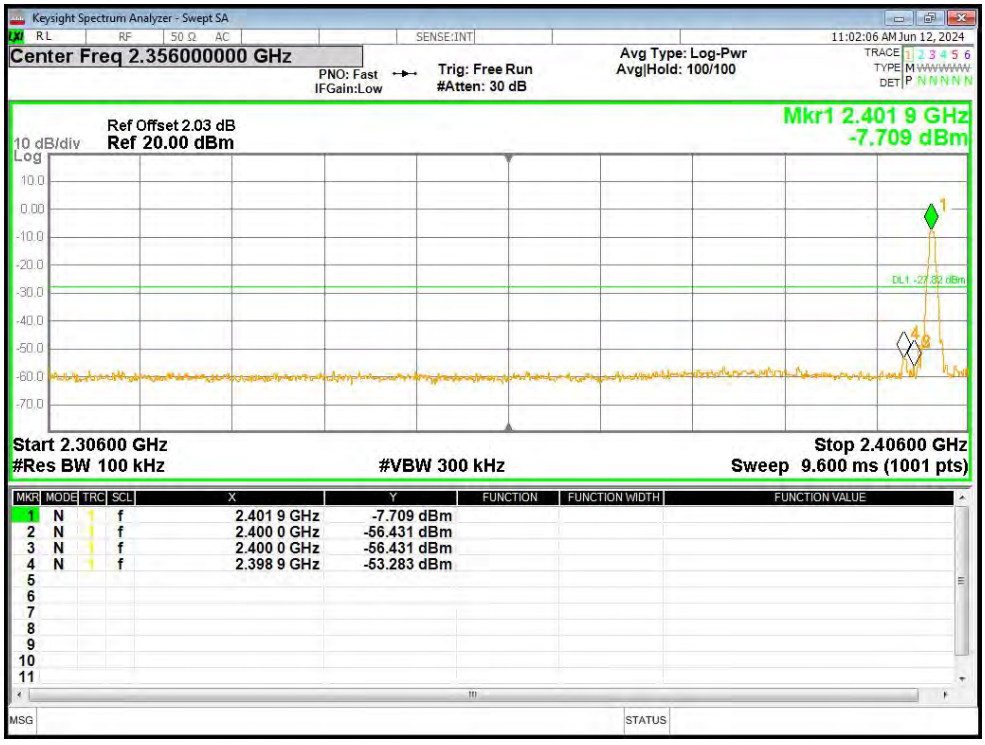
Condition	Mode	Frequency (MHz)	Antenna	Hopping Mode	Max Value (dBc)	Limit (dBc)	Verdict
NVNT	1-DH5	2402	Ant1	No-Hopping	-45.46	-20	Pass
NVNT	1-DH5	2480	Ant1	No-Hopping	-46.34	-20	Pass
NVNT	2-DH5	2402	Ant1	No-Hopping	-46.05	-20	Pass
NVNT	2-DH5	2480	Ant1	No-Hopping	-48.2	-20	Pass
NVNT	3-DH5	2402	Ant1	No-Hopping	-46.07	-20	Pass
NVNT	3-DH5	2480	Ant1	No-Hopping	-46.45	-20	Pass

Test Graphs

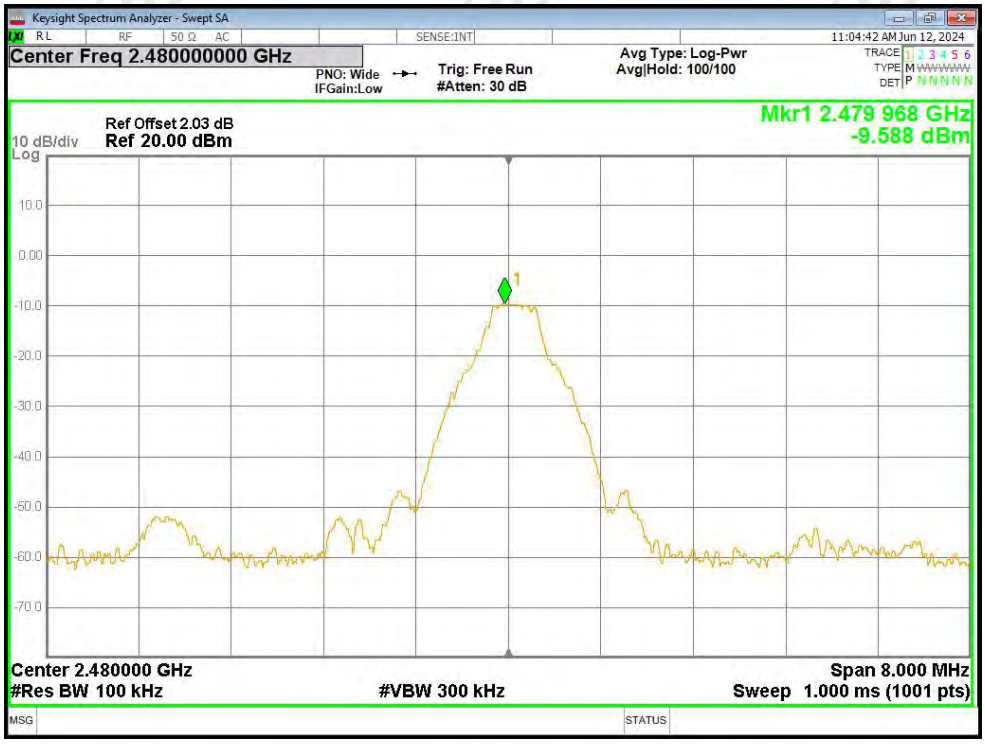
Band Edge NVNT 1-DH5 2402MHz Ant1 No-Hopping Ref



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

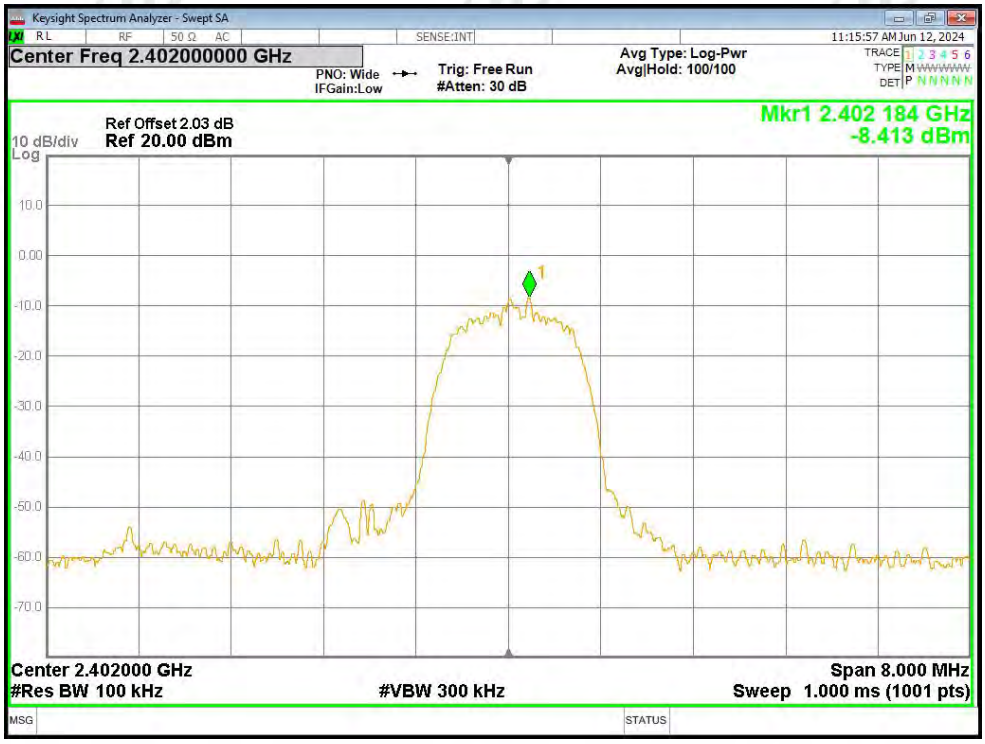


Band Edge NVNT 1-DH5 2480MHz Ant1 No-Hopping Ref

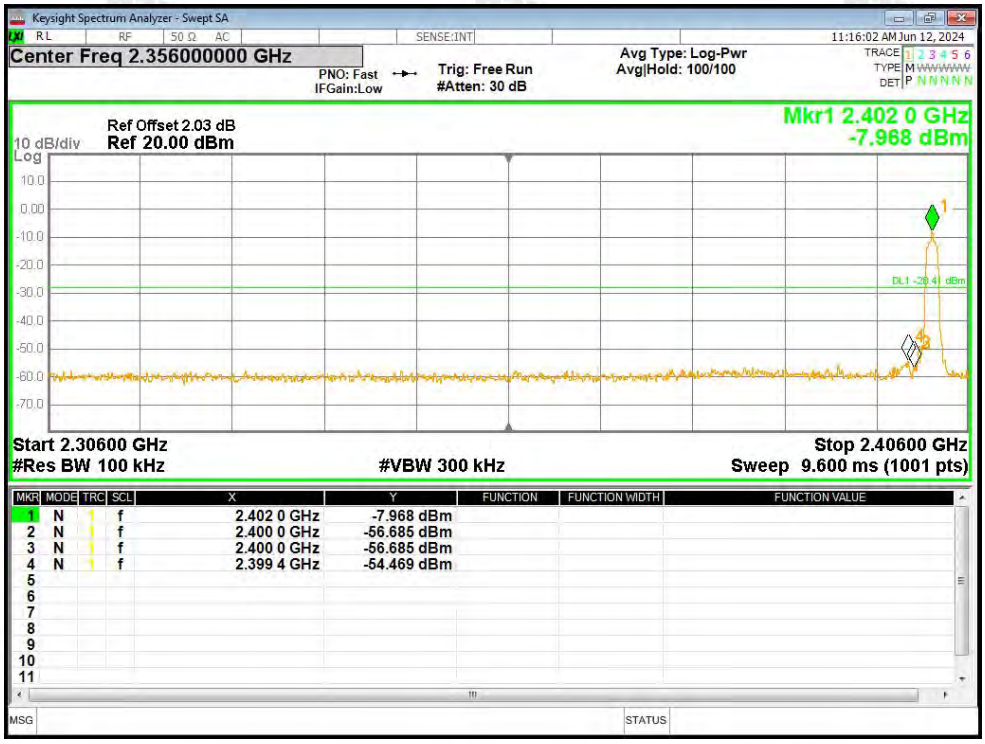


Band Edge NVNT 1-DH5 2480MHz Ant1 No-Hopping Emission

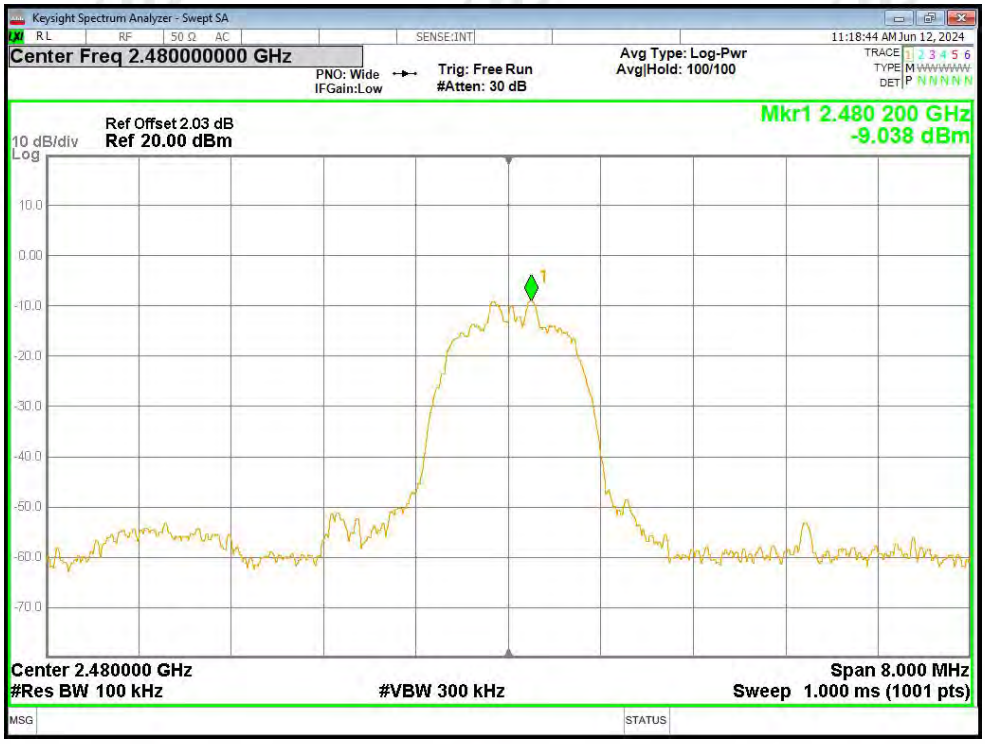
Band Edge NVNT 2-DH5 2402MHz Ant1 No-Hopping Ref



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

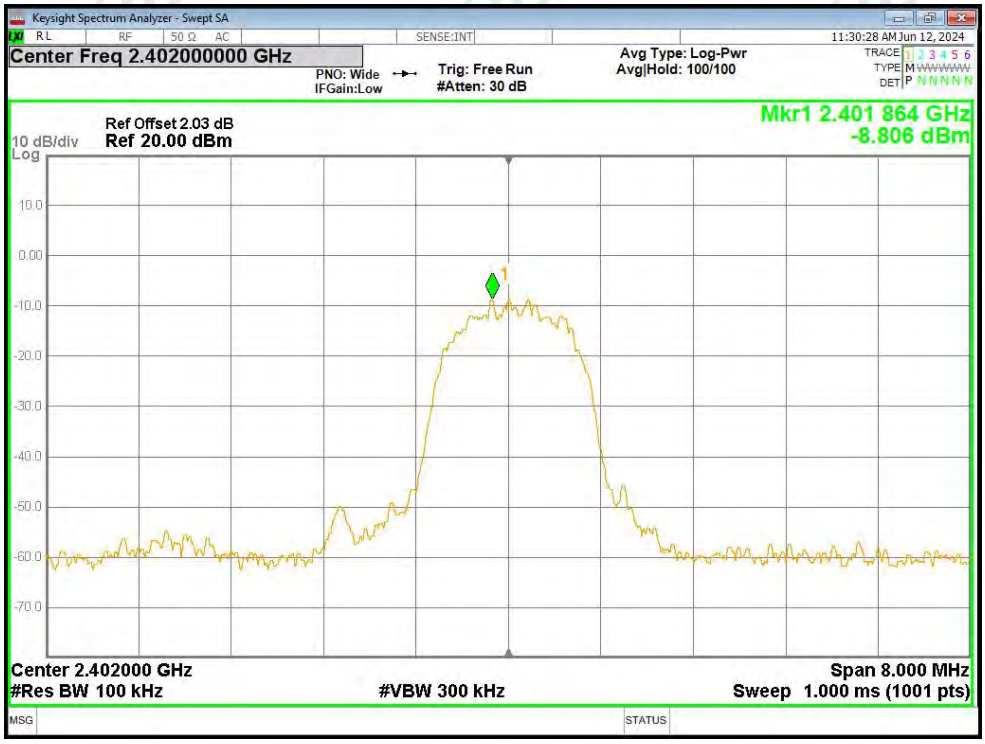


Band Edge NVNT 2-DH5 2480MHz Ant1 No-Hopping Ref

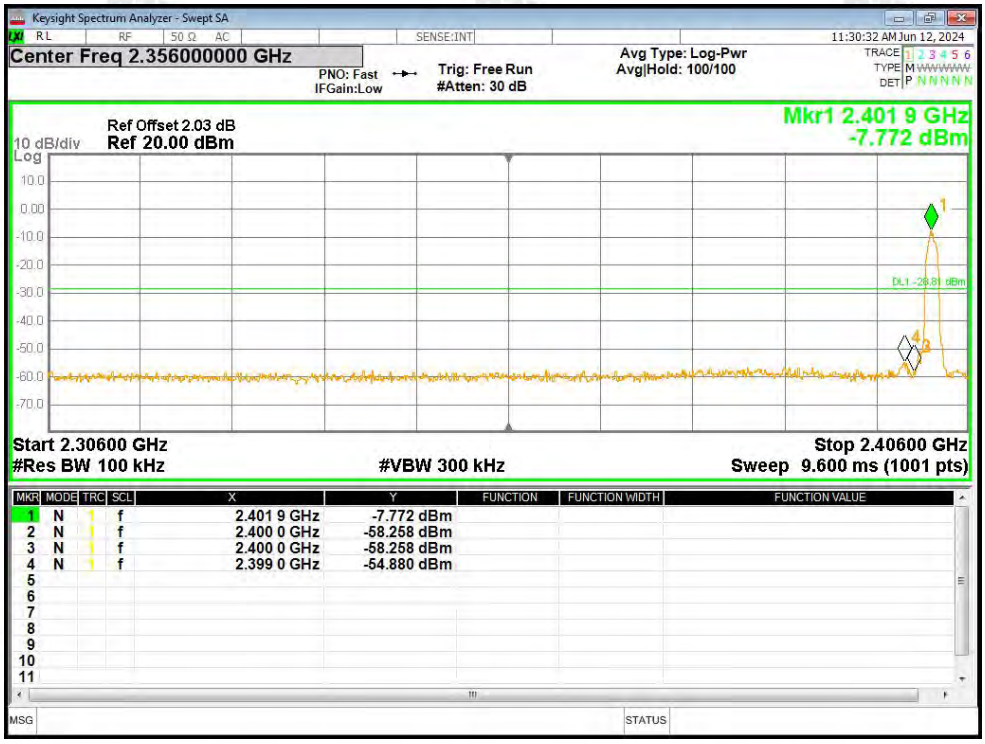


Band Edge NVNT 2-DH5 2480MHz Ant1 No-Hopping Emission

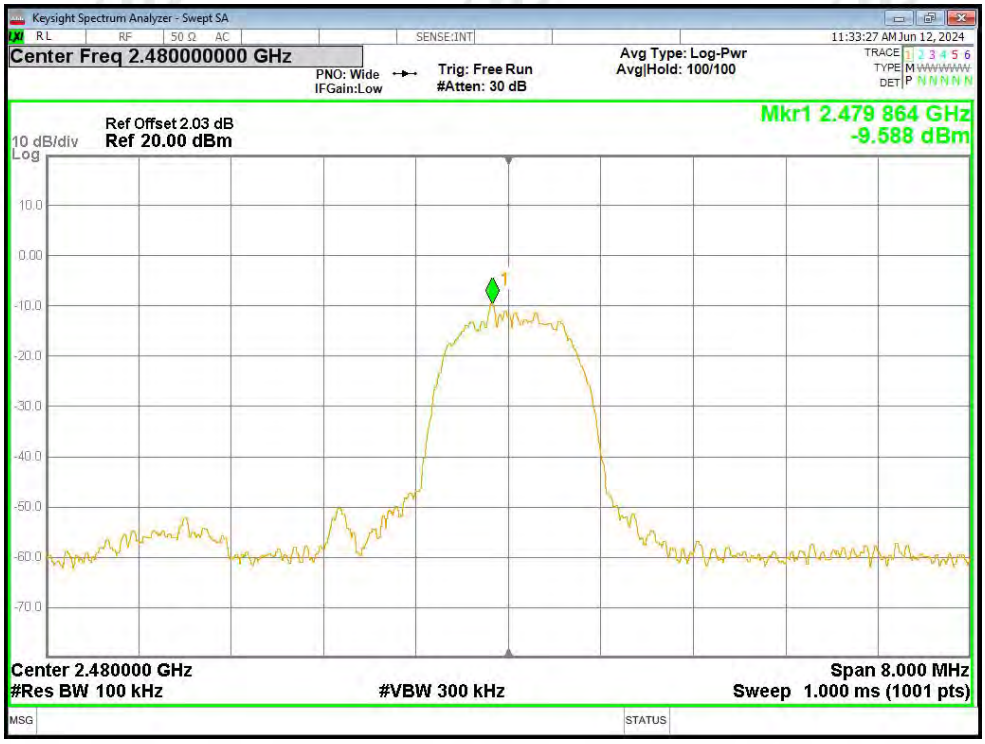
Band Edge NVNT 3-DH5 2402MHz Ant1 No-Hopping Ref



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



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



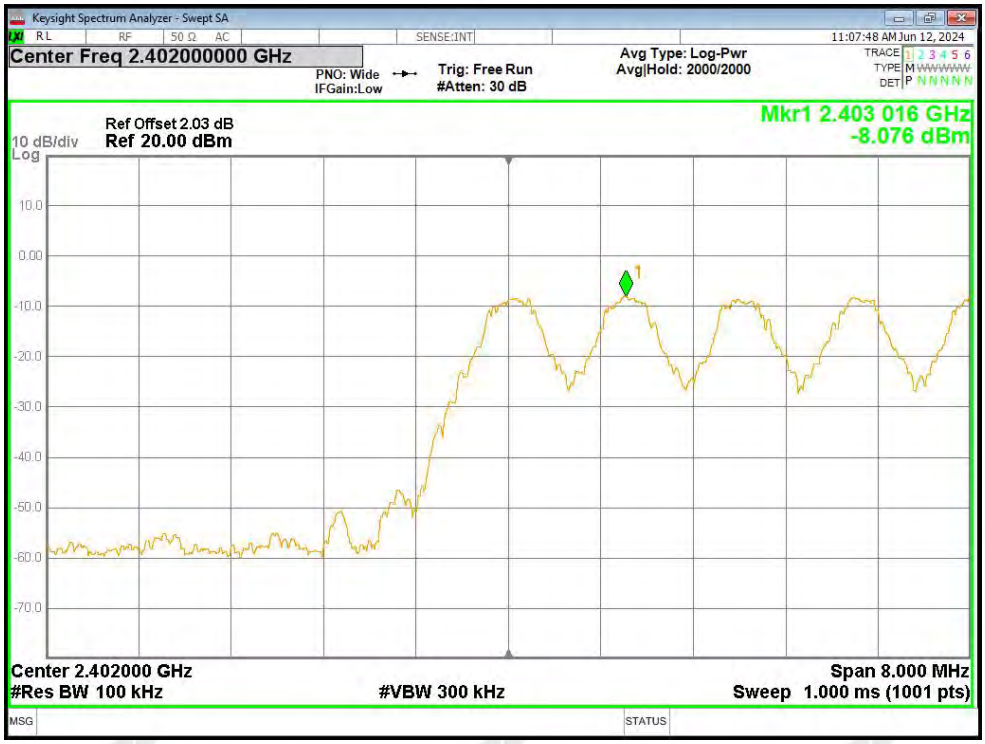
Band Edge NVNT 3-DH5 2480MHz Ant1 No-Hopping Emission

Band Edge(Hopping)

Condition	Mode	Frequency (MHz)	Antenna	Hopping Mode	Max Value (dBc)	Limit (dBc)	Verdict
NVNT	1-DH5	2402	Ant1	Hopping	-47.33	-20	Pass
NVNT	1-DH5	2480	Ant1	Hopping	-46.23	-20	Pass
NVNT	2-DH5	2402	Ant1	Hopping	-47.77	-20	Pass
NVNT	2-DH5	2480	Ant1	Hopping	-45.4	-20	Pass
NVNT	3-DH5	2402	Ant1	Hopping	-47.26	-20	Pass
NVNT	3-DH5	2480	Ant1	Hopping	-47.74	-20	Pass

Test Graphs

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

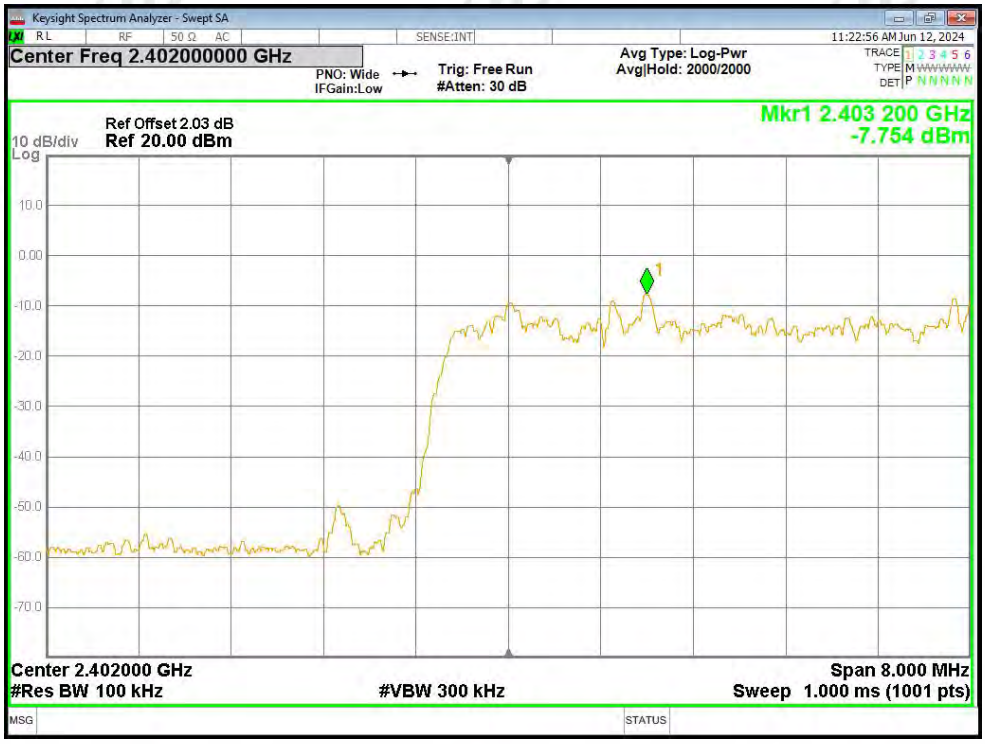


Band Edge(Hopping) NVNT 1-DH5 2402MHz Ant1 Hopping Emission

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

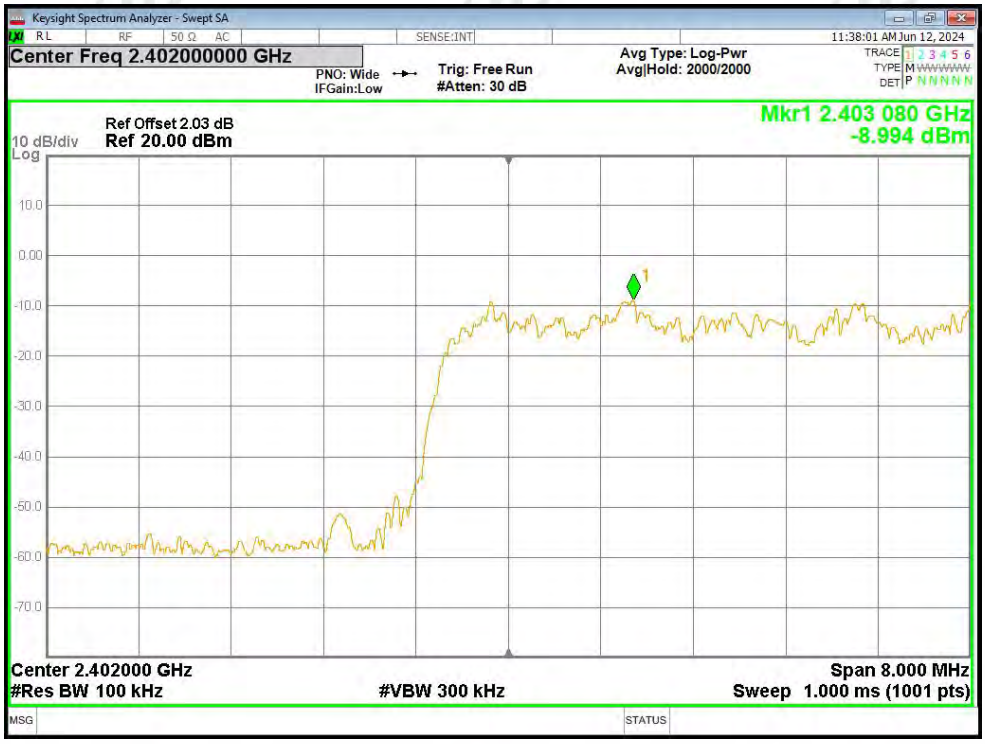


Band Edge(Hopping) NVNT 2-DH5 2402MHz Ant1 Hopping Emission

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

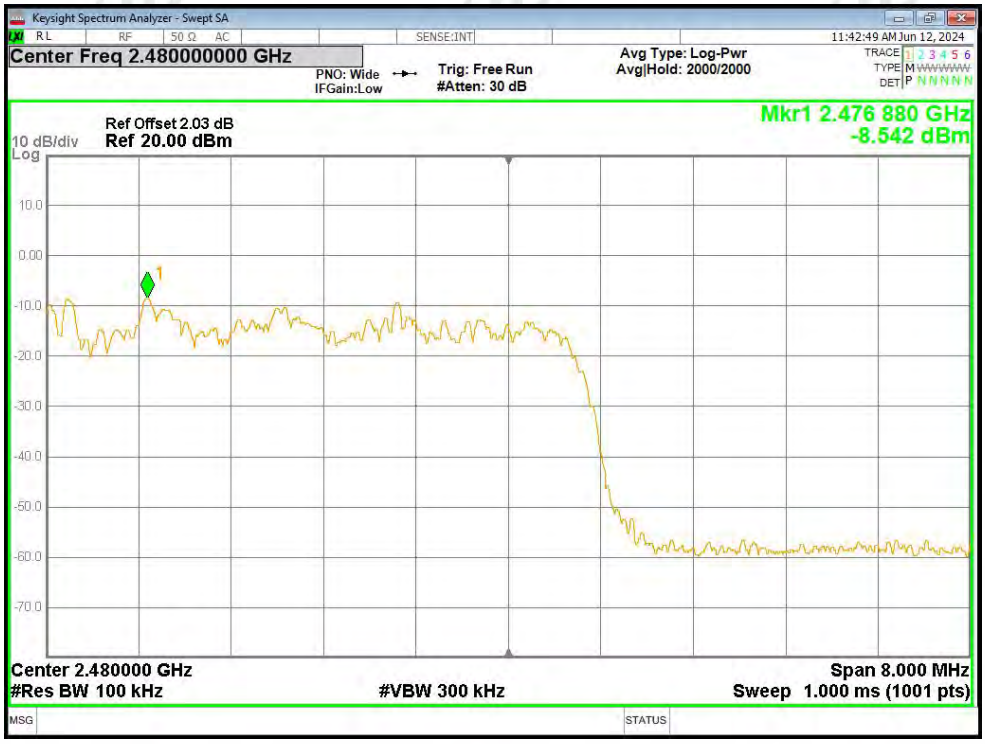
Band Edge(Hopping) NVNT 2-DH5 2480MHz Ant1 Hopping Emission

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

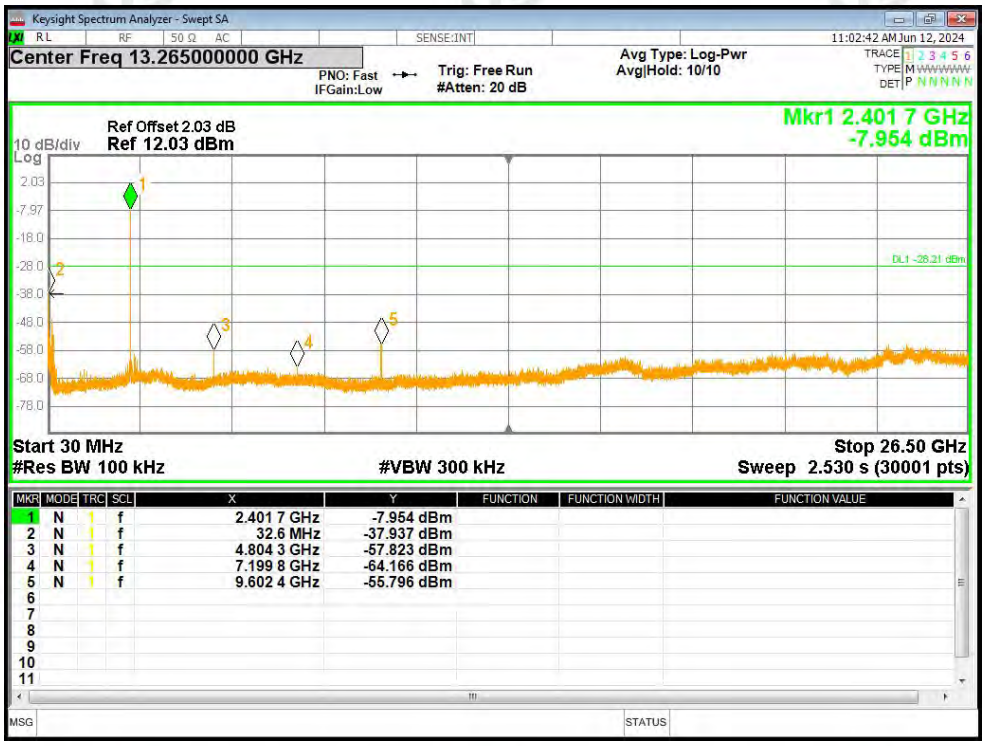
Conducted RF Spurious Emission

Condition	Mode	Frequency (MHz)	Antenna	Max Value (dBc)	Limit (dBc)	Verdict
NVNT	1-DH5	2402	Ant1	-29.72	-20	Pass
NVNT	1-DH5	2441	Ant1	-36.69	-20	Pass
NVNT	1-DH5	2480	Ant1	-29.43	-20	Pass
NVNT	2-DH5	2402	Ant1	-30.57	-20	Pass
NVNT	2-DH5	2441	Ant1	-29.46	-20	Pass
NVNT	2-DH5	2480	Ant1	-30.03	-20	Pass
NVNT	3-DH5	2402	Ant1	-33.22	-20	Pass
NVNT	3-DH5	2441	Ant1	-35.84	-20	Pass
NVNT	3-DH5	2480	Ant1	-36.61	-20	Pass

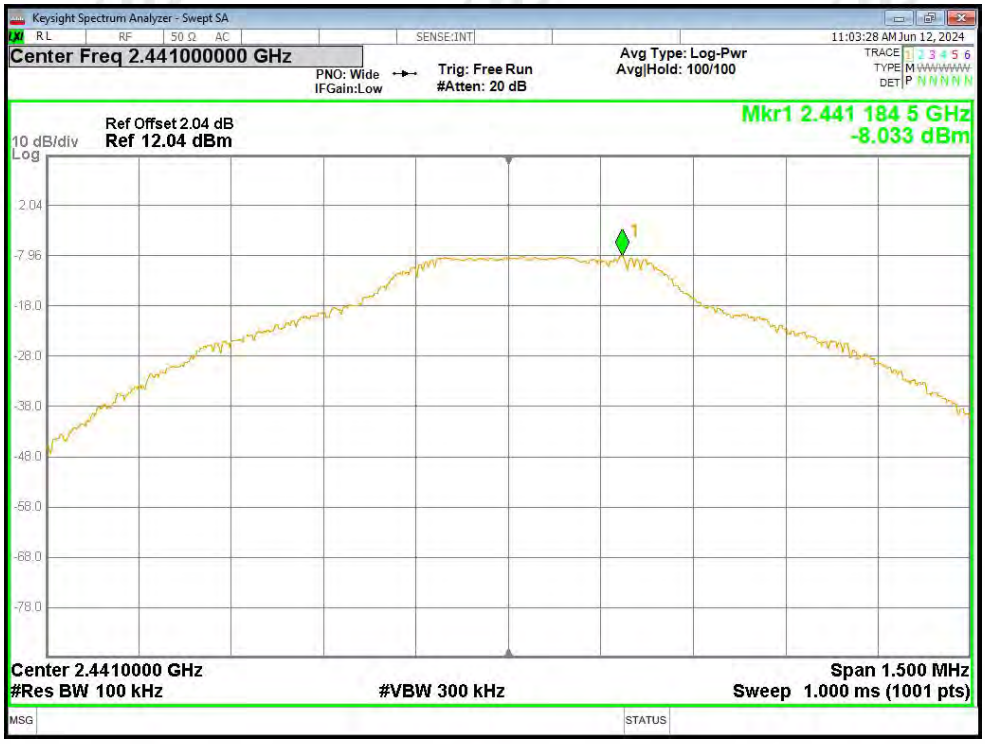
Test Graphs

Tx. Spurious NVNT 1-DH5 2402MHz Ant1 Ref

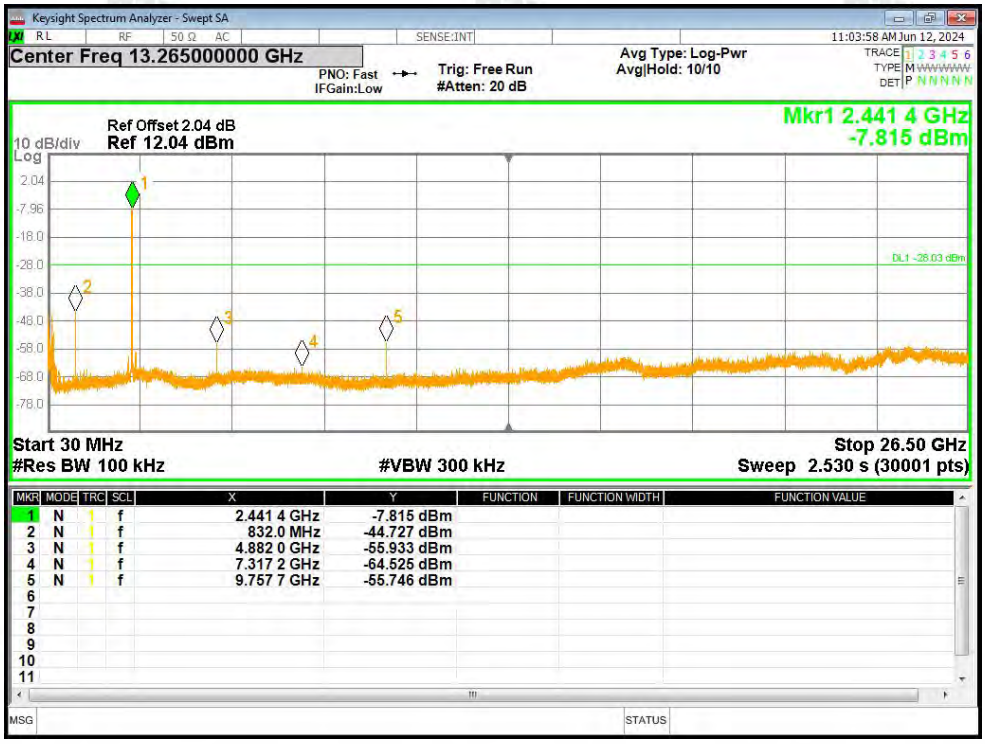
Tx. Spurious NVNT 1-DH5 2402MHz Ant1 Emission



Tx. Spurious NVNT 1-DH5 2441MHz Ant1 Ref



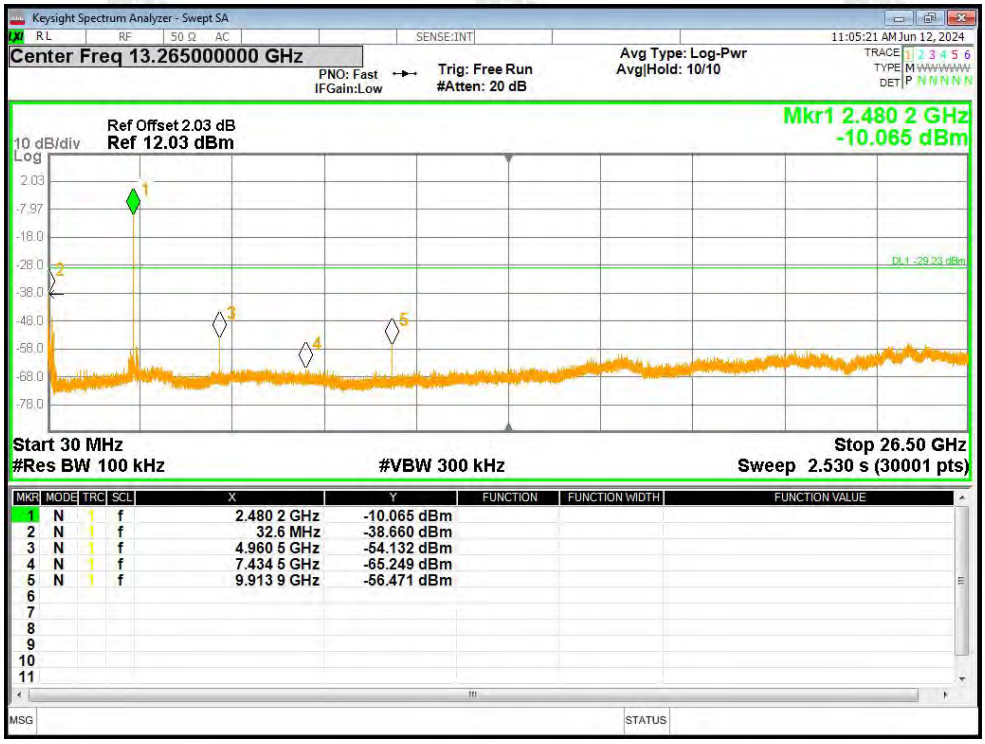
Tx. Spurious NVNT 1-DH5 2441MHz Ant1 Emission



MKR	MODE	TRC	SCL	X	Y	FUNCTION	FUNCTION WIDTH	FUNCTION VALUE
1	N	1	f	2.441 4 GHz	-7.815 dBm			
2	N	1	f	832.0 MHz	-44.727 dBm			
3	N	1	f	4.882 0 GHz	-55.933 dBm			
4	N	1	f	7.317 2 GHz	-64.525 dBm			
5	N	1	f	9.757 7 GHz	-55.746 dBm			
6								
7								
8								
9								
10								
11								

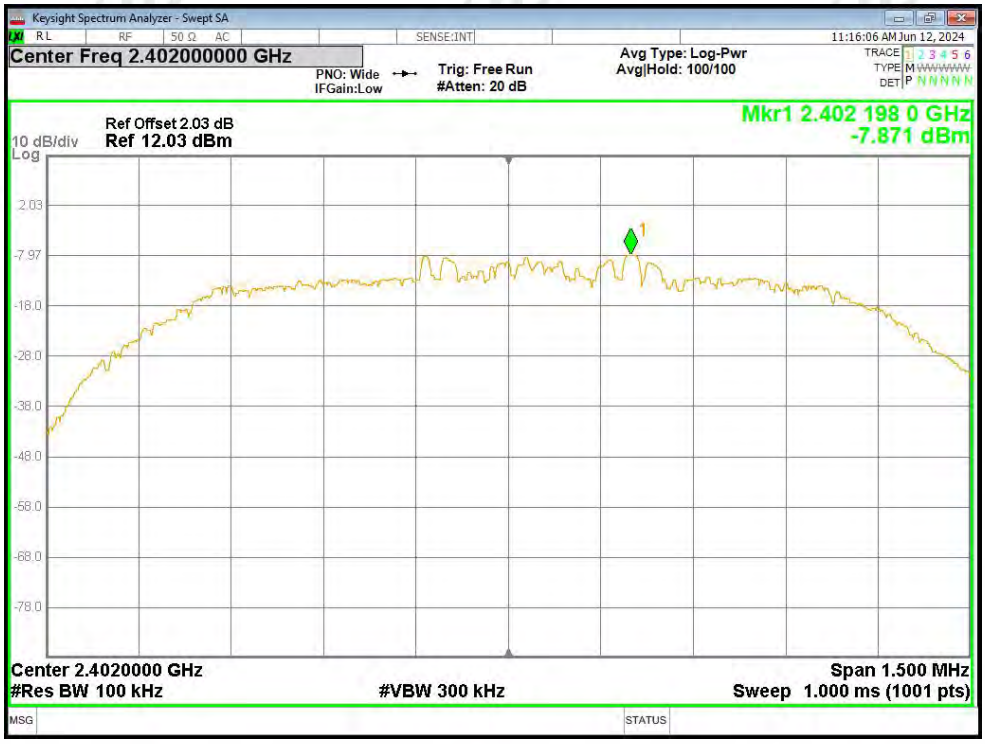
Tx. Spurious NVNT 1-DH5 2480MHz Ant1 Ref

Tx. Spurious NVNT 1-DH5 2480MHz Ant1 Emission



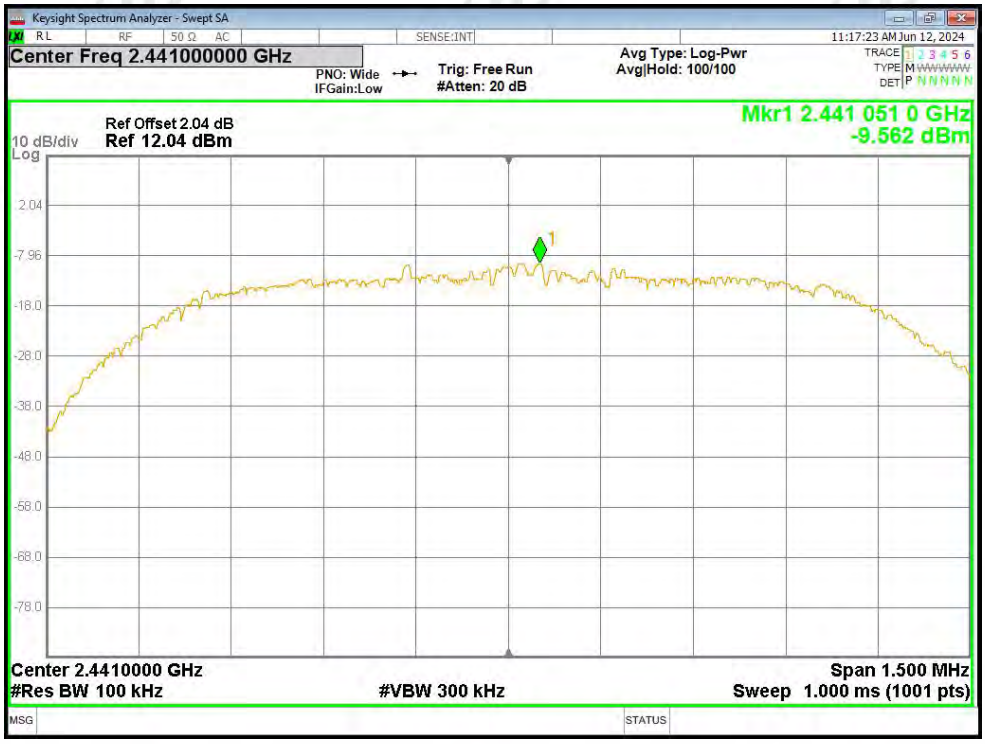
MKR	MODE	TRC	SCL	X	Y	FUNCTION	FUNCTION WIDTH	FUNCTION VALUE
1	N	1	f	2.480 2 GHz	-10.065 dBm			
2	N	1	f	32.6 MHz	-38.660 dBm			
3	N	1	f	4.960 5 GHz	-54.132 dBm			
4	N	1	f	7.434 5 GHz	-65.249 dBm			
5	N	1	f	9.913 9 GHz	-56.471 dBm			
6								
7								
8								
9								
10								
11								

Tx. Spurious NVNT 2-DH5 2402MHz Ant1 Ref



Tx. Spurious NVNT 2-DH5 2402MHz Ant1 Emission

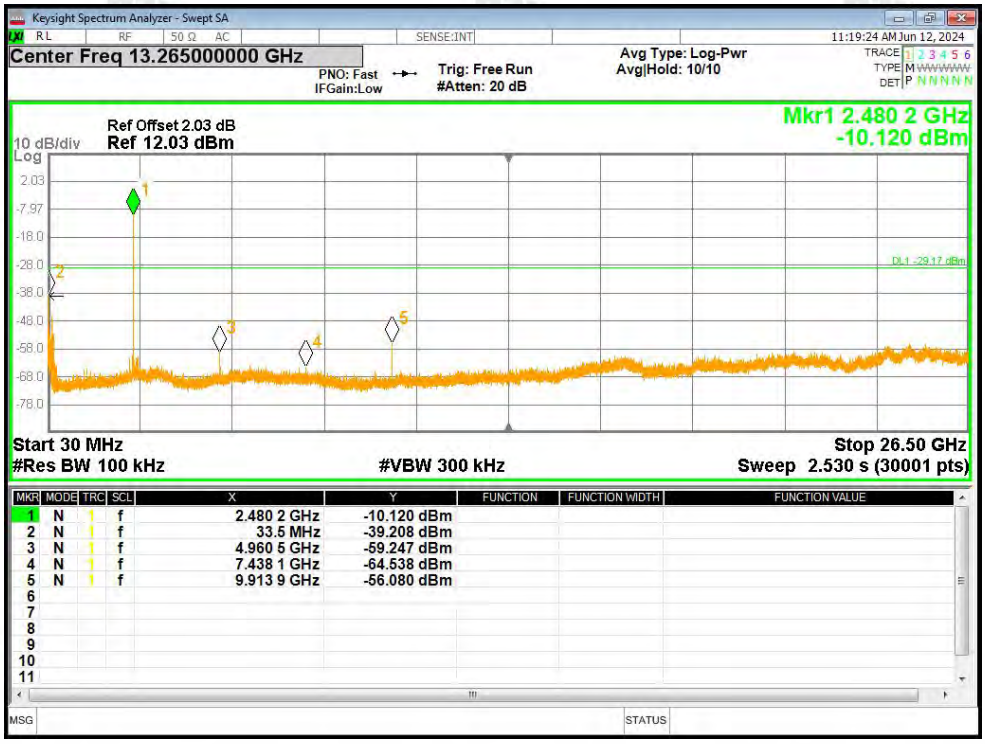
Tx. Spurious NVNT 2-DH5 2441MHz Ant1 Ref



Tx. Spurious NVNT 2-DH5 2441MHz Ant1 Emission

Tx. Spurious NVNT 2-DH5 2480MHz Ant1 Ref

Tx. Spurious NVNT 2-DH5 2480MHz Ant1 Emission



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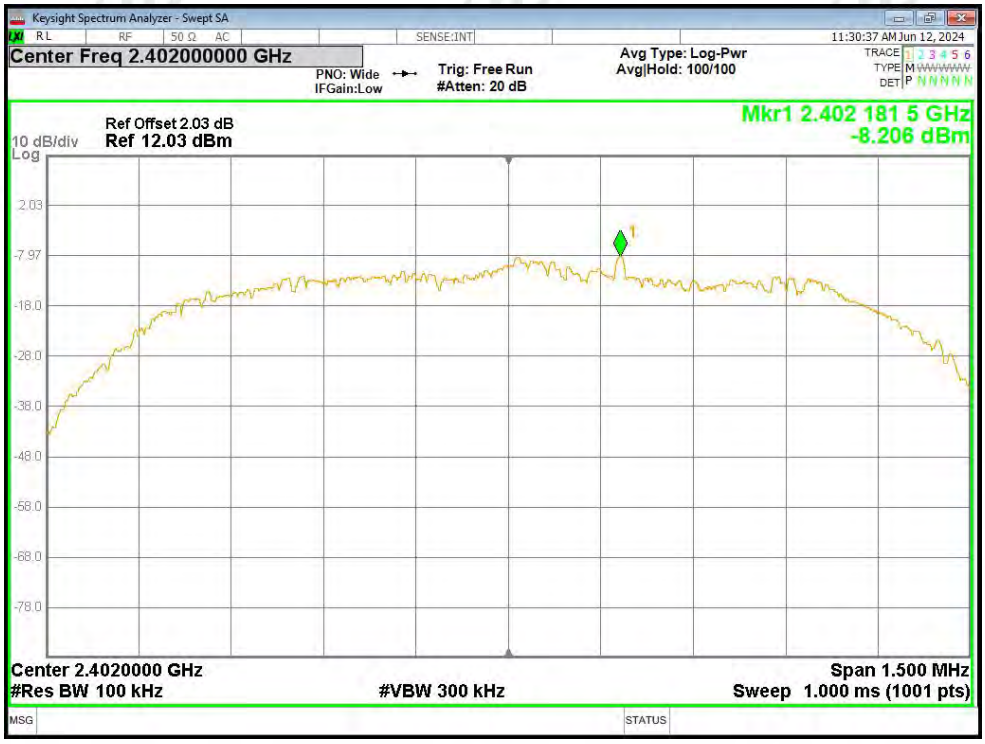

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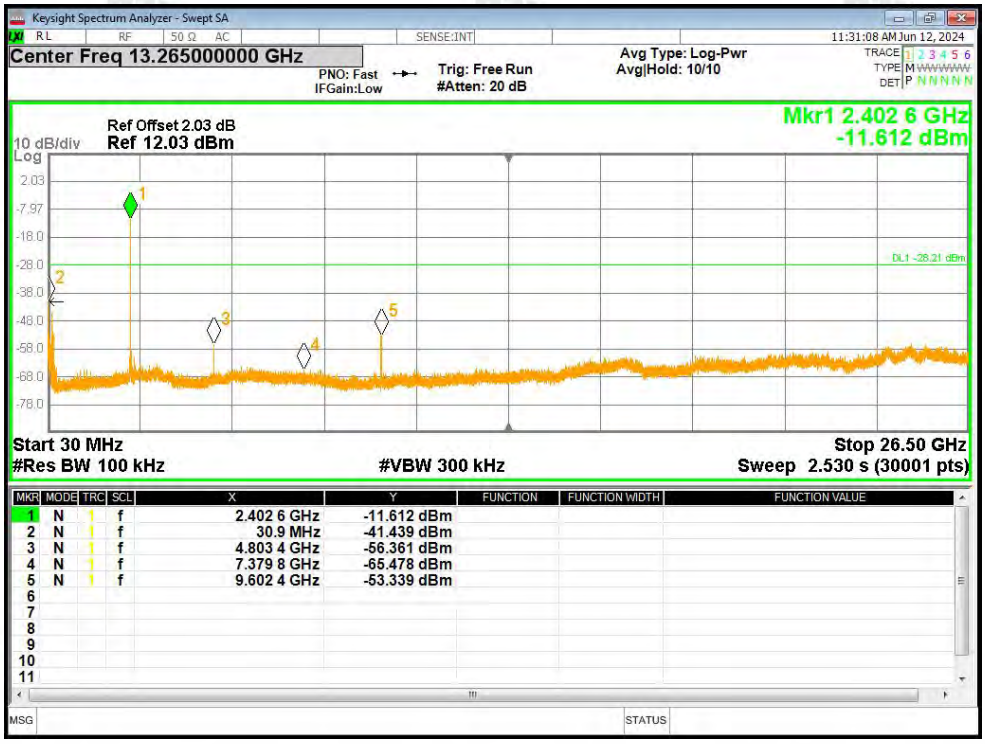

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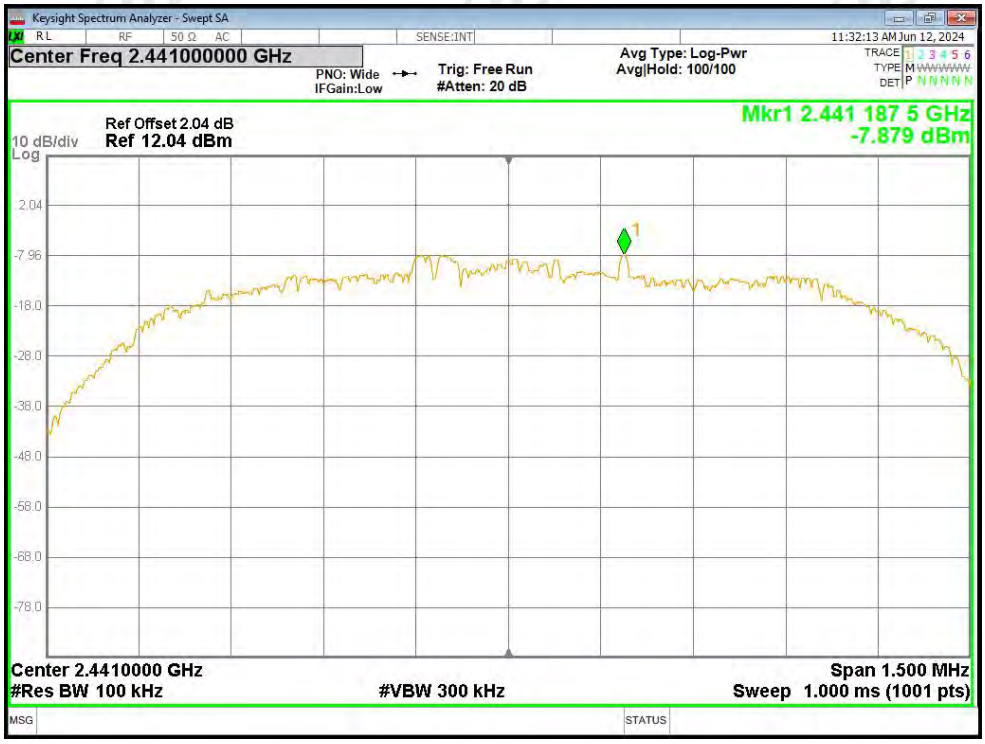

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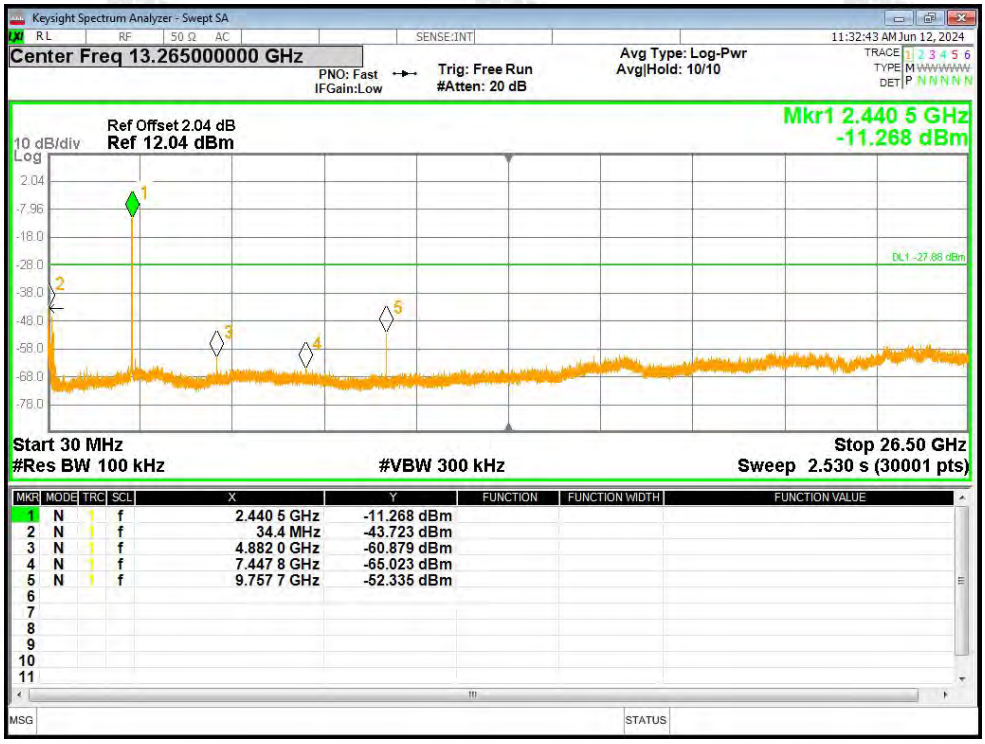

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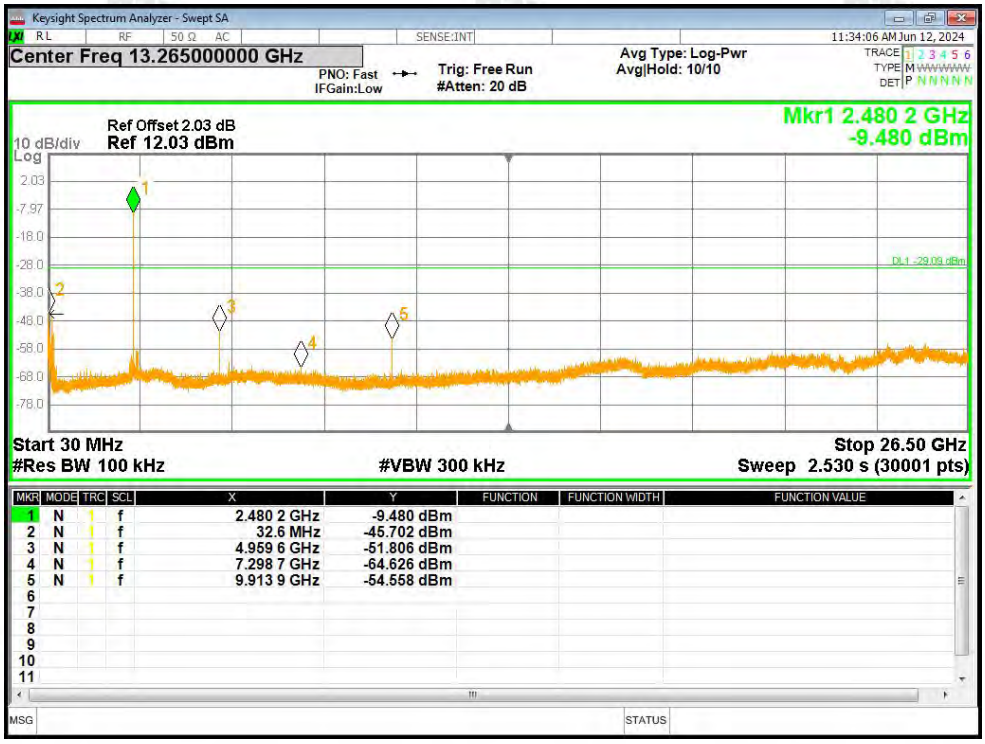
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