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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	0.4	128	320	31600	400	Pass
NVNT	1-DH3	2441	Ant1	1.653	271.092	164	31600	400	Pass
NVNT	1-DH5	2441	Ant1	2.903	304.815	105	31600	400	Pass
NVNT	2-DH1	2441	Ant1	0.407	129.833	319	31600	400	Pass
NVNT	2-DH3	2441	Ant1	1.661	272.404	164	31600	400	Pass
NVNT	2-DH5	2441	Ant1	2.89	297.67	103	31600	400	Pass
NVNT	3-DH1	2441	Ant1	0.406	129.108	318	31600	400	Pass
NVNT	3-DH3	2441	Ant1	1.659	265.44	160	31600	400	Pass
NVNT	3-DH5	2441	Ant1	2.907	316.863	109	31600	400	Pass



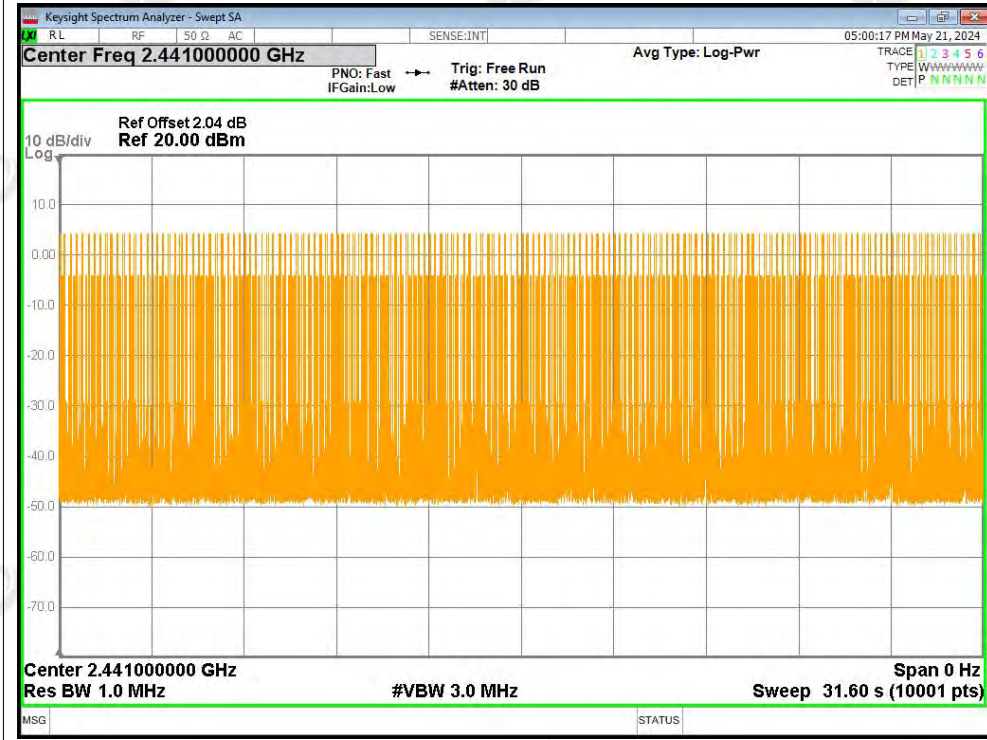
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Test Graphs

Dwell NVNT 1-DH1 2441MHz Ant1 One Burst



Dwell NVNT 1-DH1 2441MHz Ant1 Accumulated



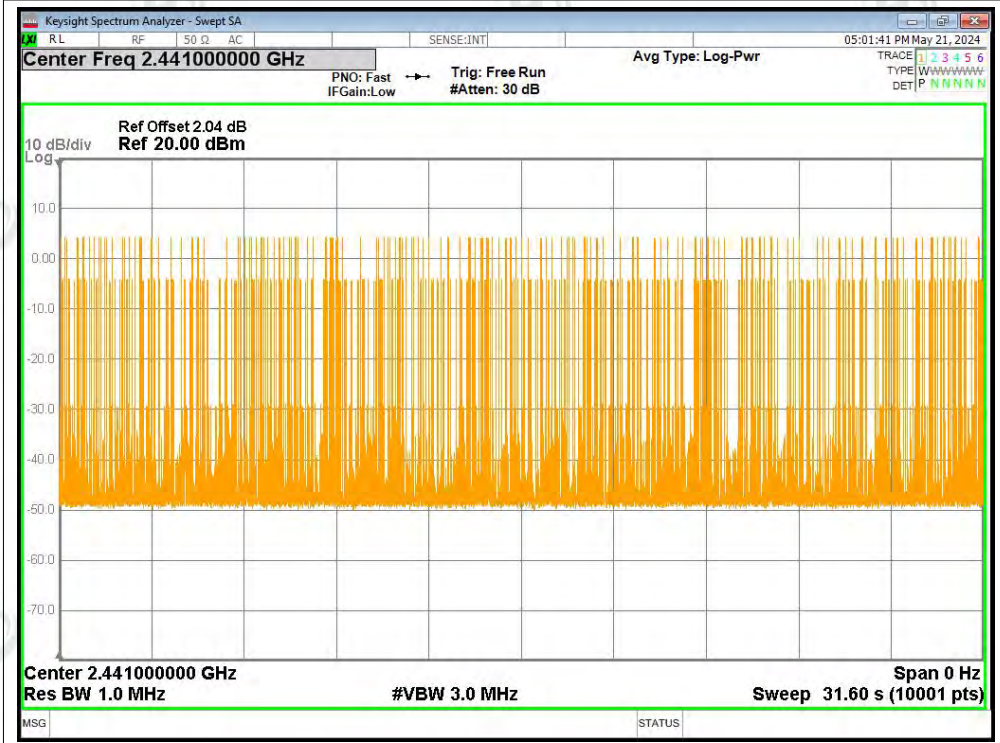


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Dwell NVNT 1-DH3 2441MHz Ant1 One Burst



Dwell NVNT 1-DH3 2441MHz Ant1 Accumulated



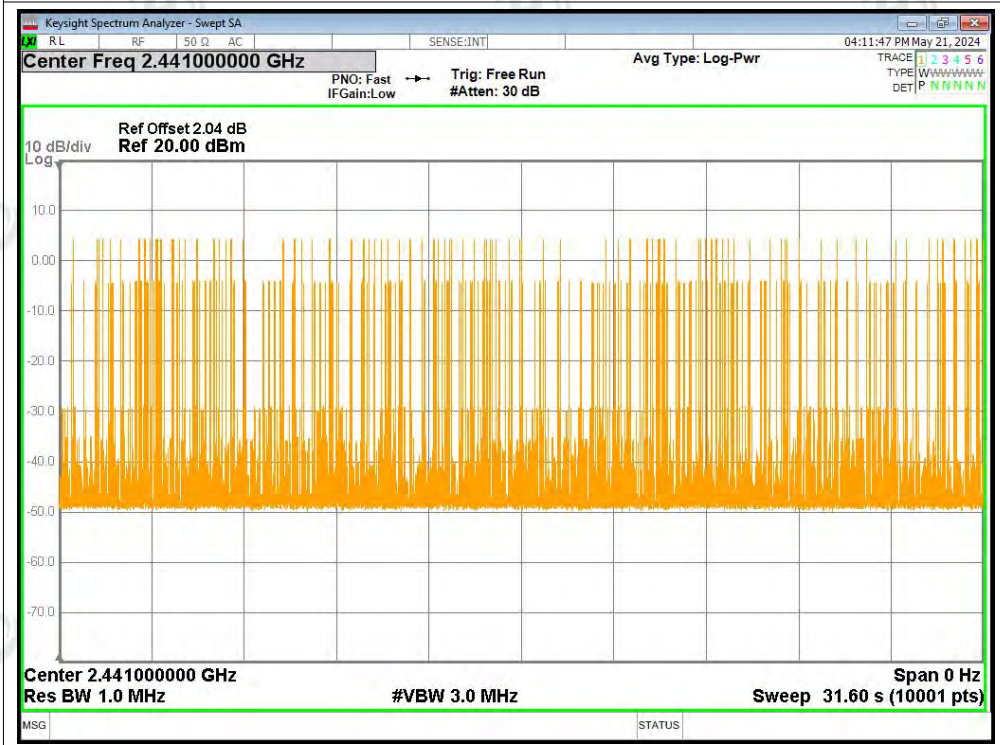


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Dwell NVNT 1-DH5 2441MHz Ant1 One Burst



Dwell NVNT 1-DH5 2441MHz Ant1 Accumulated



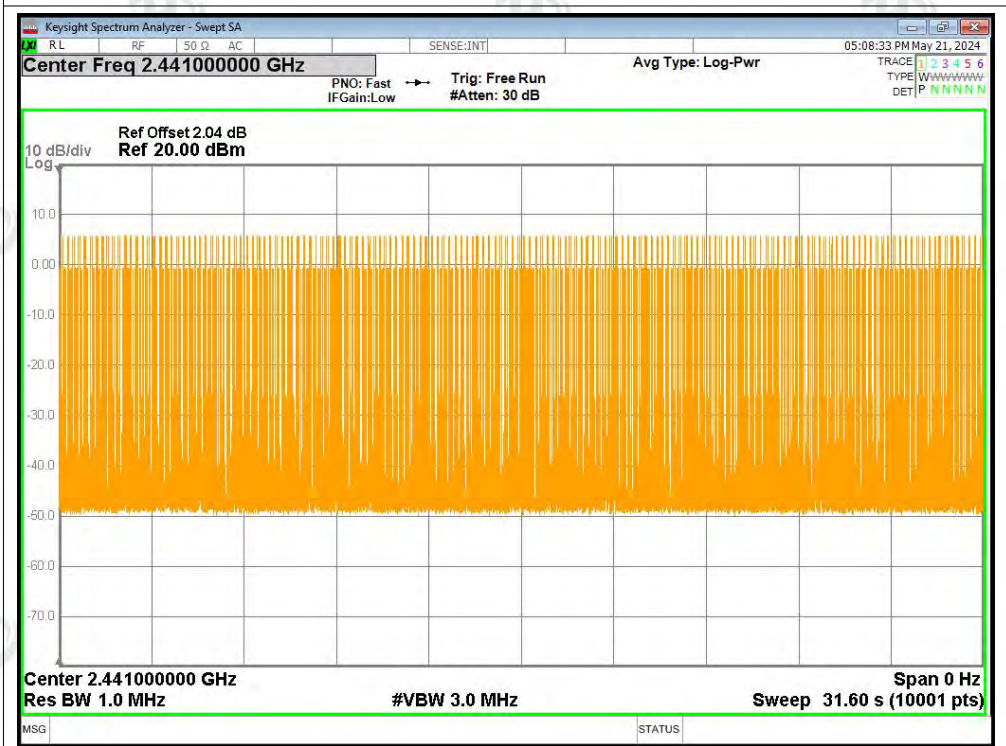


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Dwell NVNT 2-DH1 2441MHz Ant1 One Burst



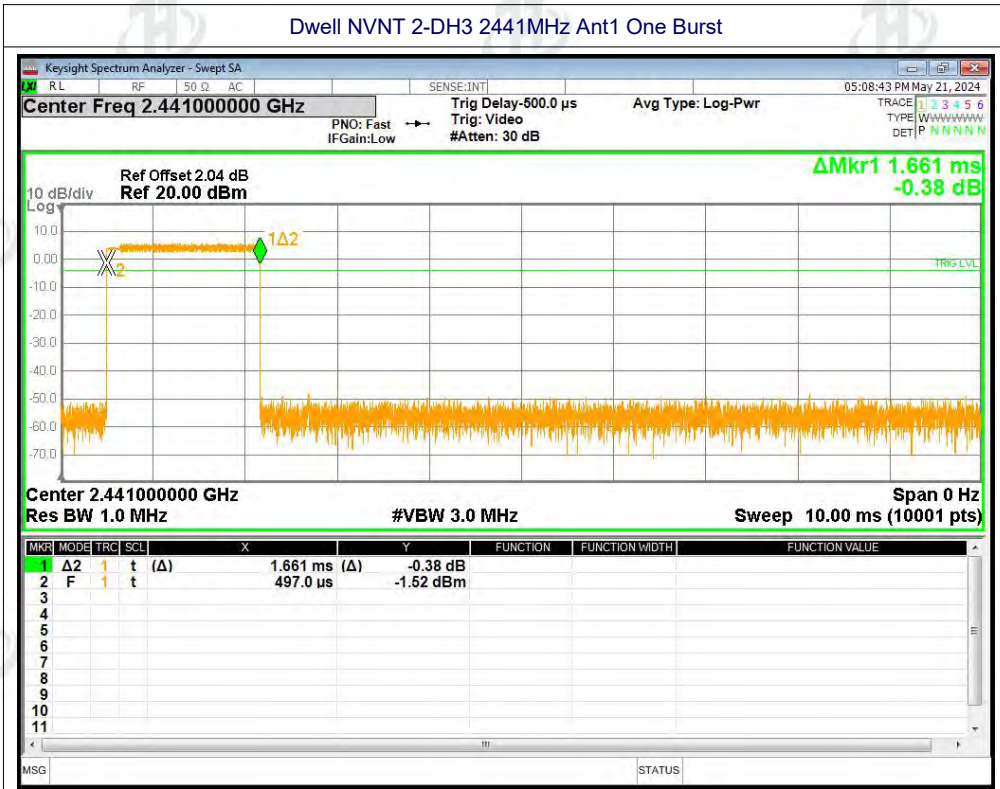
Dwell NVNT 2-DH1 2441MHz Ant1 Accumulated



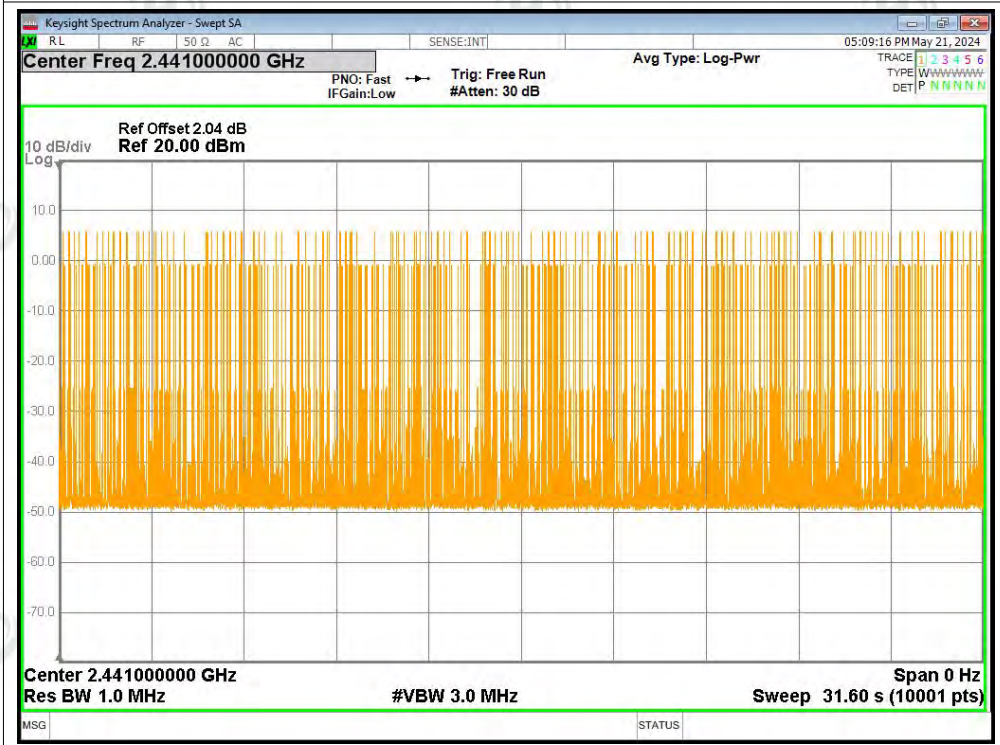


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Dwell NVNT 2-DH3 2441MHz Ant1 One Burst



Dwell NVNT 2-DH3 2441MHz Ant1 Accumulated





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Dwell NVNT 2-DH5 2441MHz Ant1 One Burst

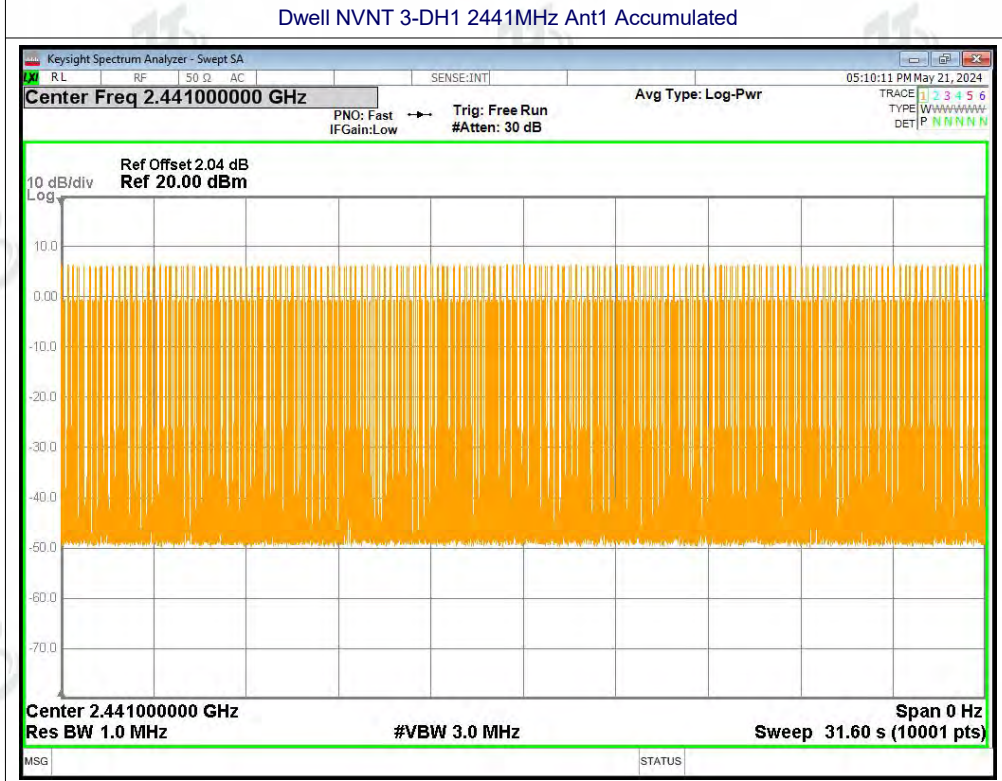
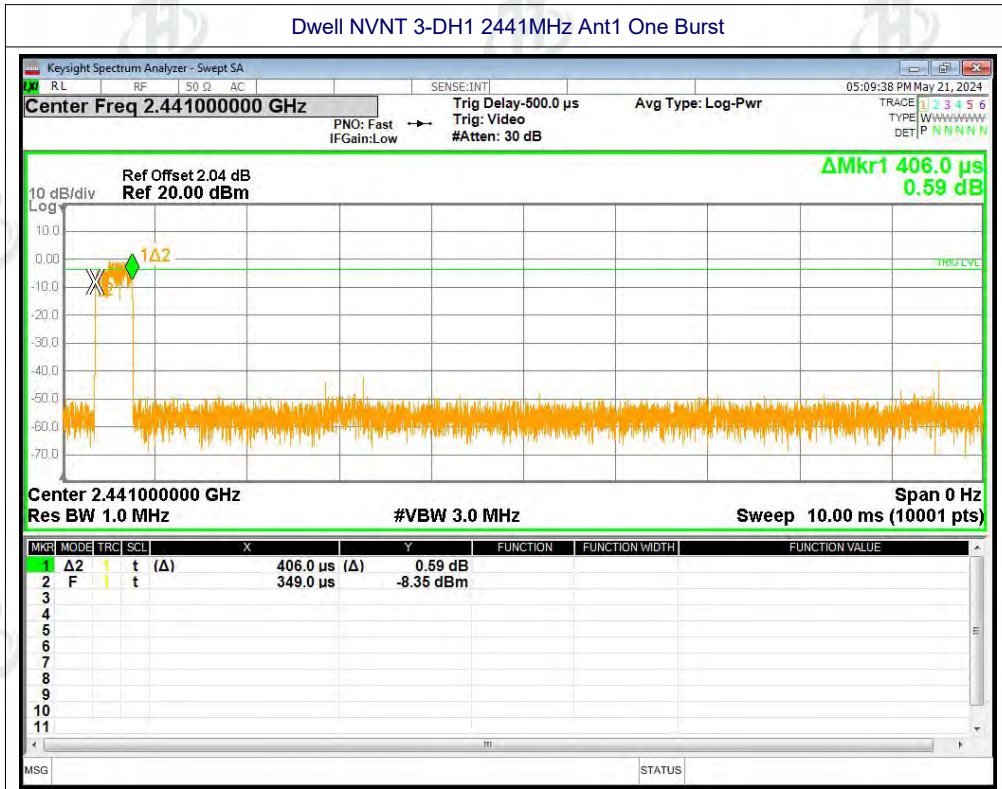


Dwell NVNT 2-DH5 2441MHz Ant1 Accumulated



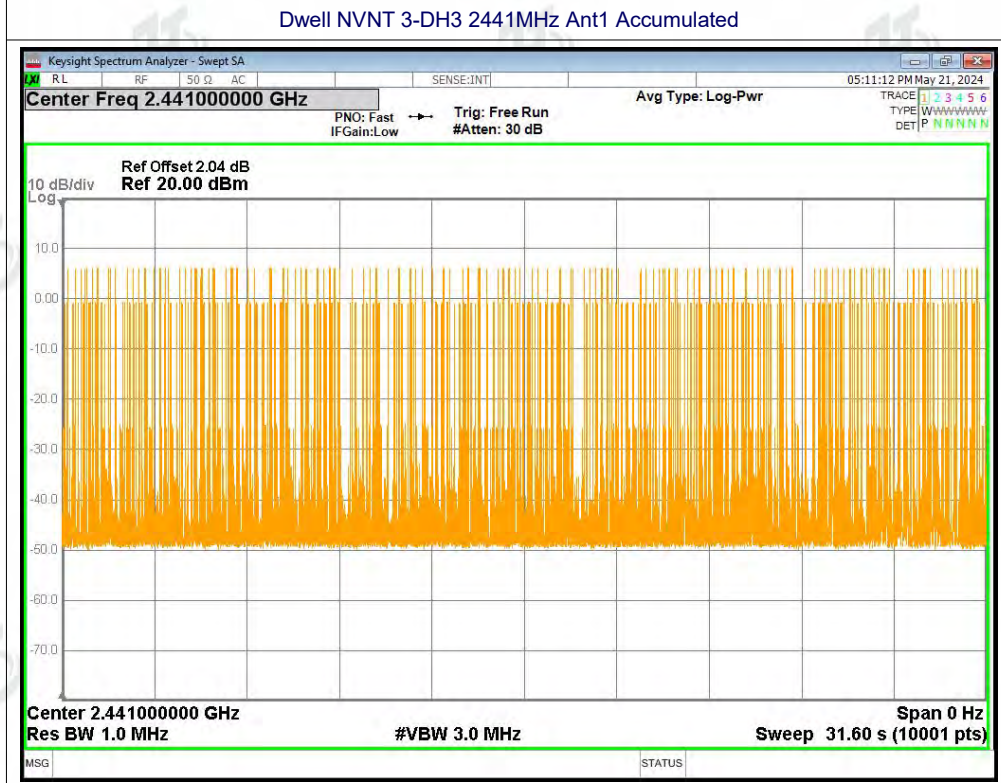
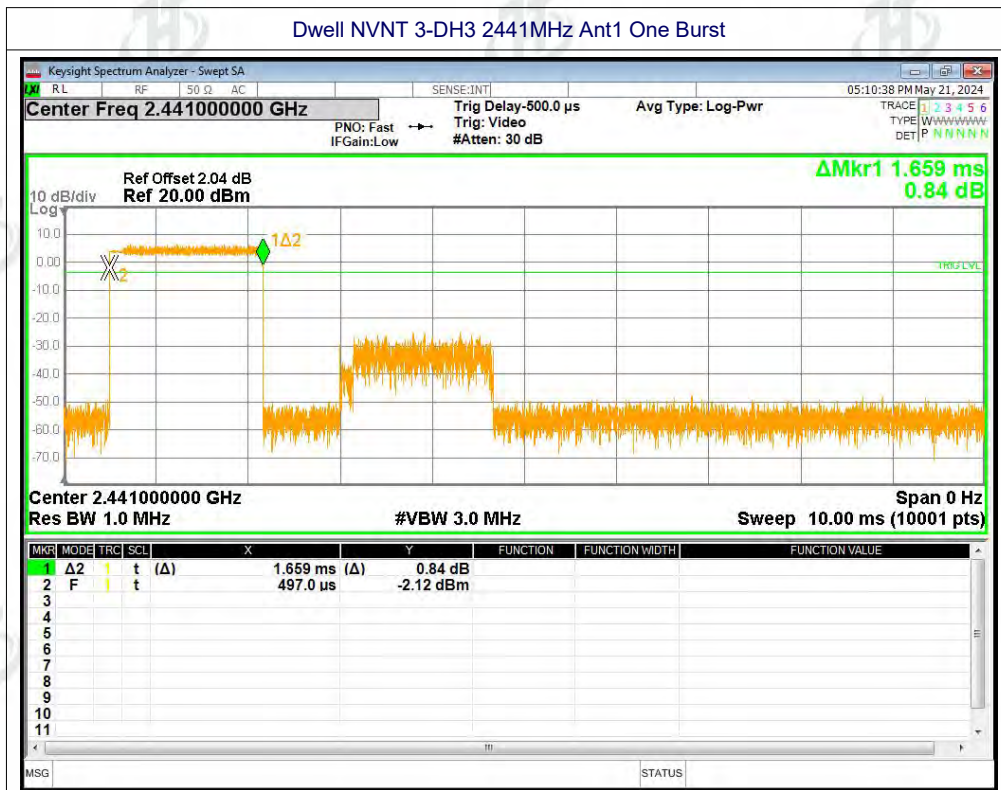


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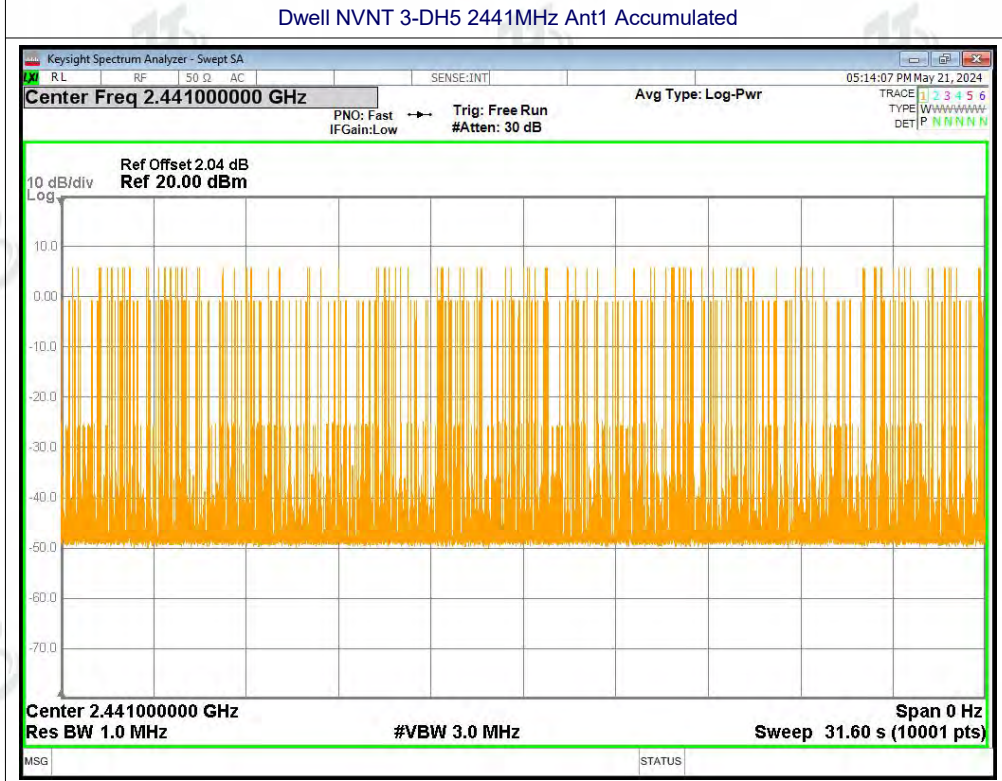
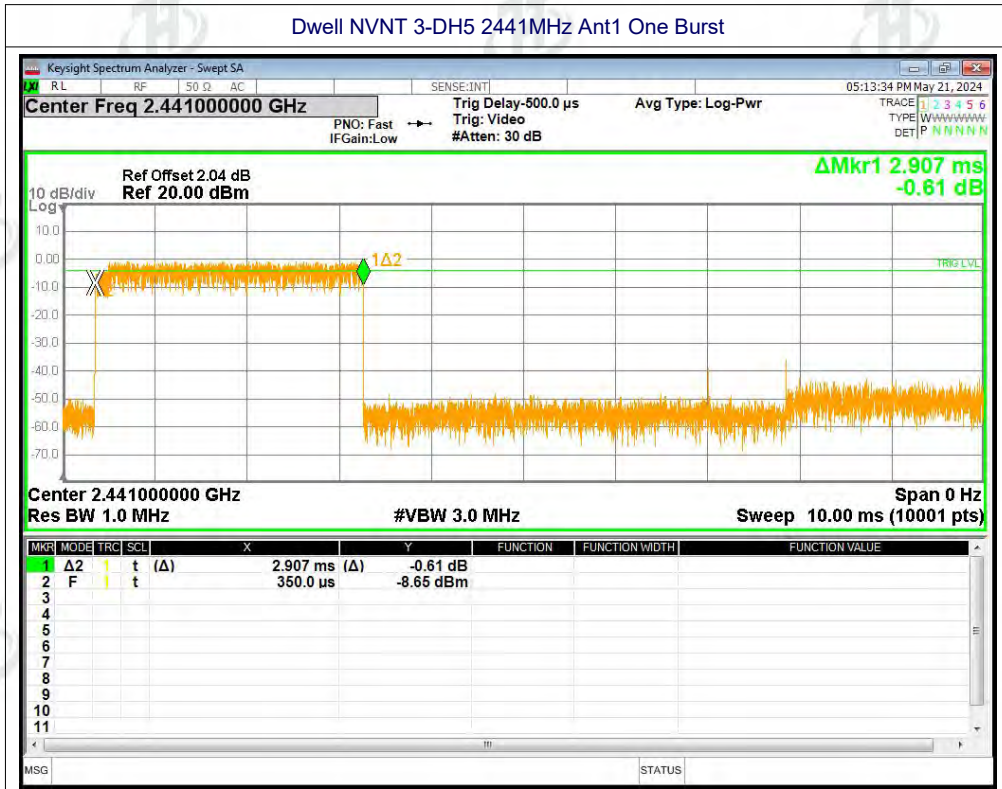


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Maximum Peak Conducted Output Power

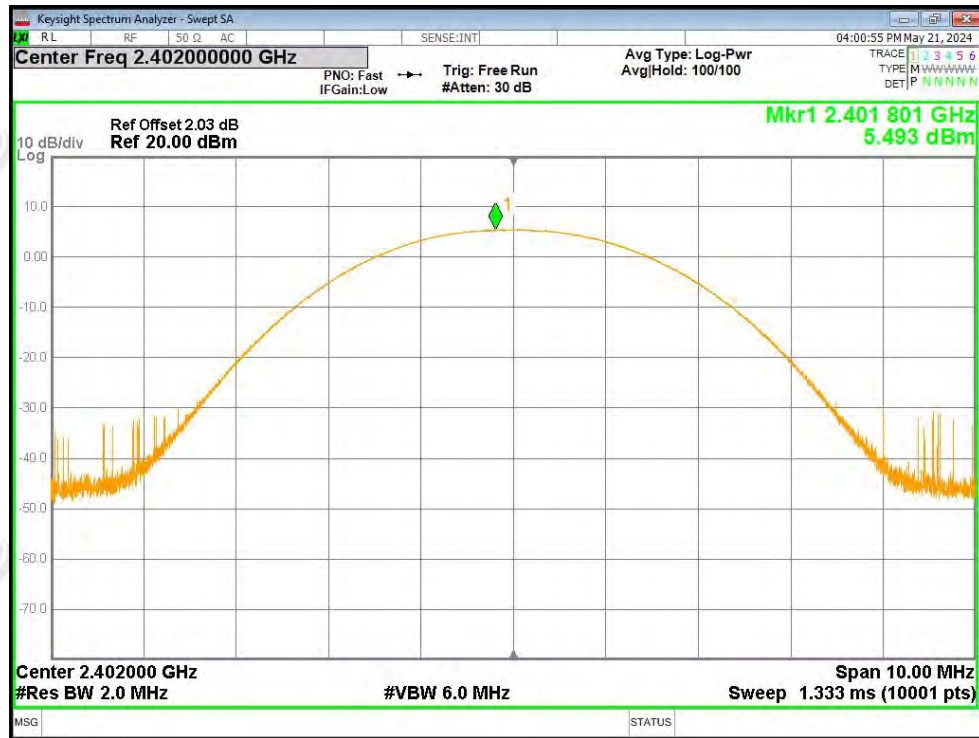
Condition	Mode	Frequency (MHz)	Antenna	Conducted Power (dBm)	Limit (dBm)	Verdict
NVNT	1-DH5	2402	Ant1	5.49	21	Pass
NVNT	1-DH5	2441	Ant1	4.25	21	Pass
NVNT	1-DH5	2480	Ant1	1.33	21	Pass
NVNT	2-DH5	2402	Ant1	7.26	21	Pass
NVNT	2-DH5	2441	Ant1	6.12	21	Pass
NVNT	2-DH5	2480	Ant1	3.27	21	Pass
NVNT	3-DH5	2402	Ant1	6.83	21	Pass
NVNT	3-DH5	2441	Ant1	6.17	21	Pass
NVNT	3-DH5	2480	Ant1	2.9	21	Pass



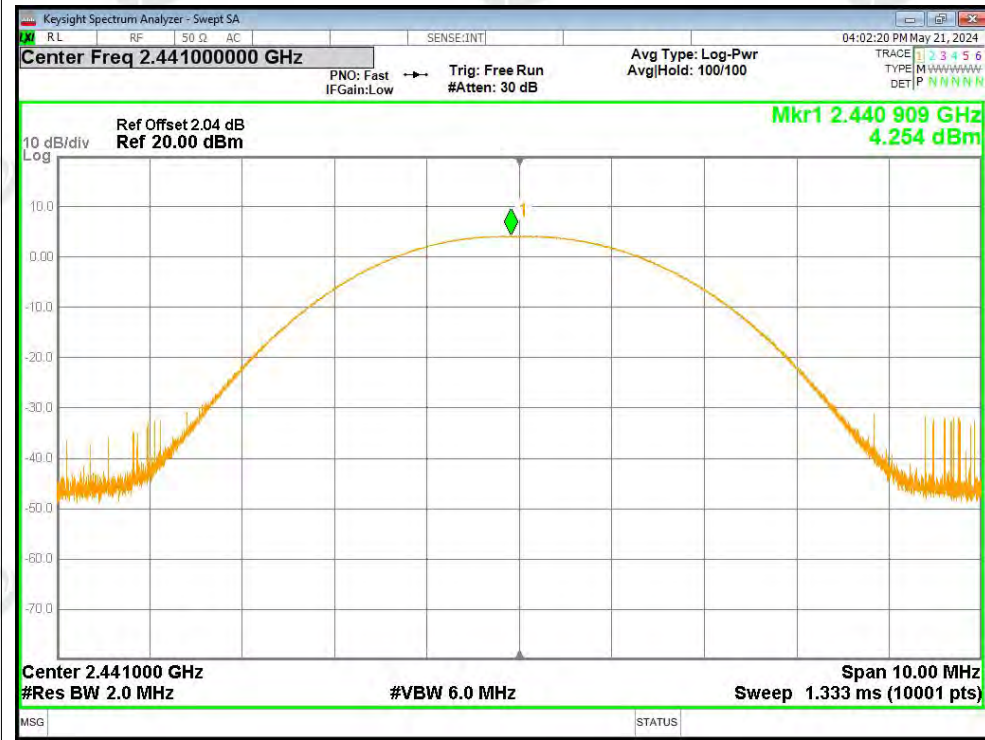
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Test Graphs

Peak Power NVNT 1-DH5 2402MHz Ant1



Peak Power NVNT 1-DH5 2441MHz Ant1



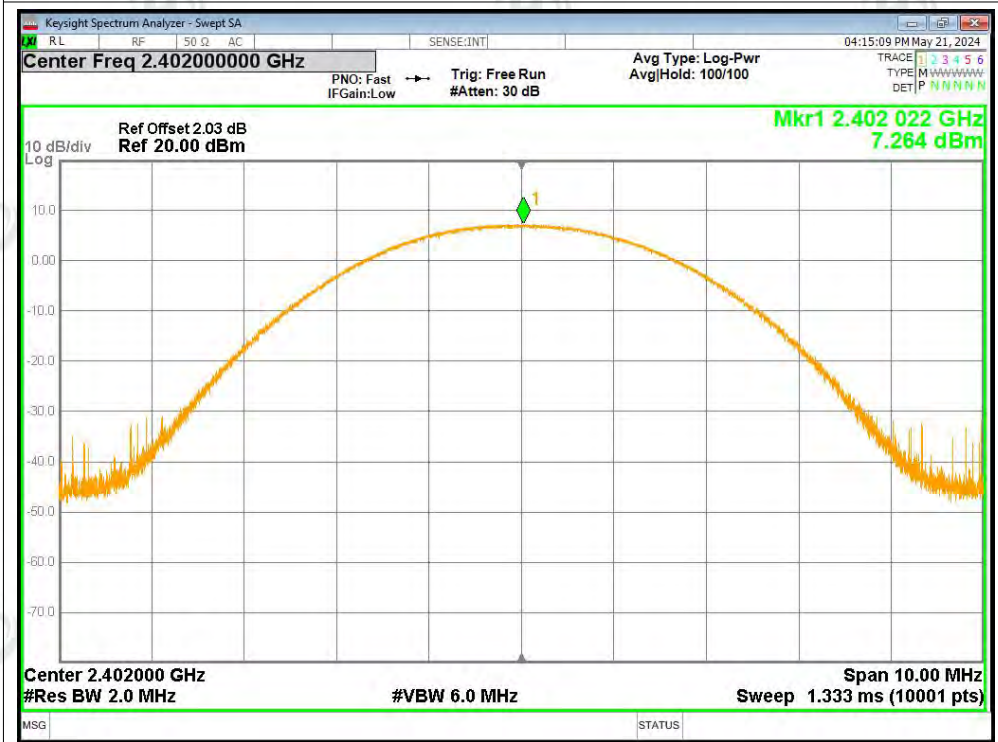


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Peak Power NVNT 1-DH5 2480MHz Ant1



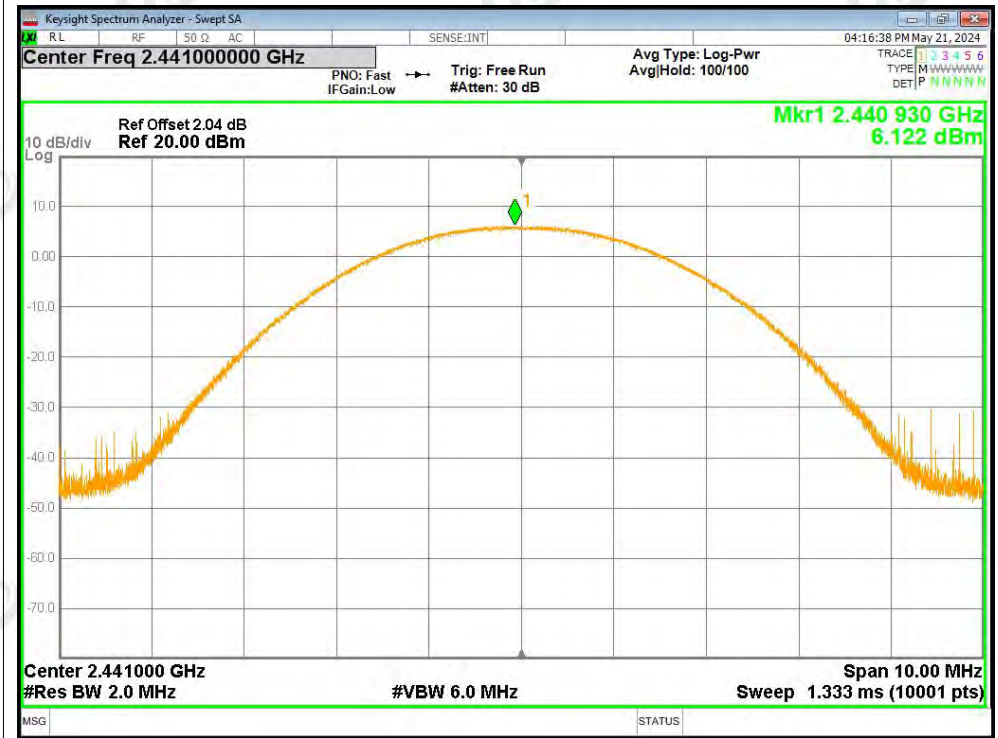
Peak Power NVNT 2-DH5 2402MHz Ant1



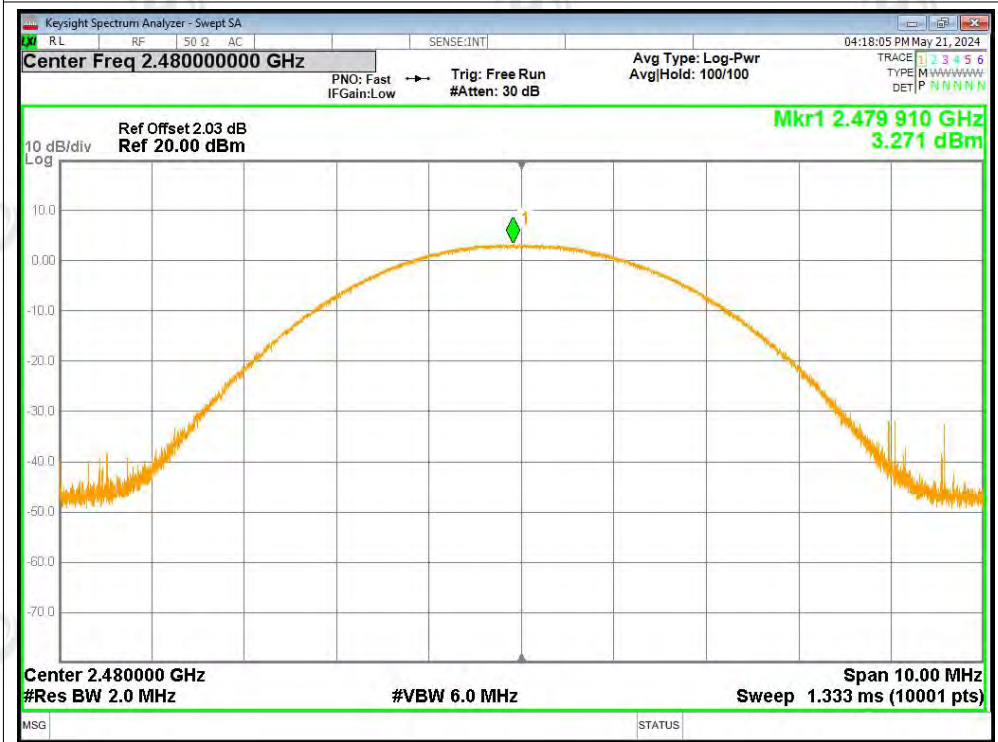


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Peak Power NVNT 2-DH5 2441MHz Ant1



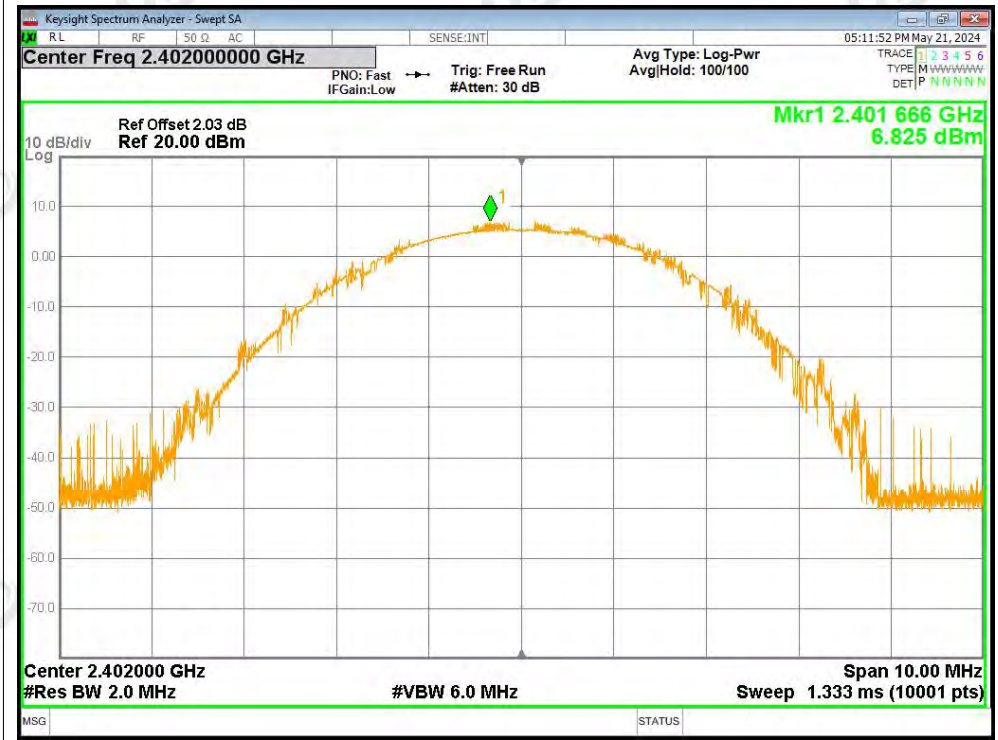
Peak Power NVNT 2-DH5 2480MHz Ant1



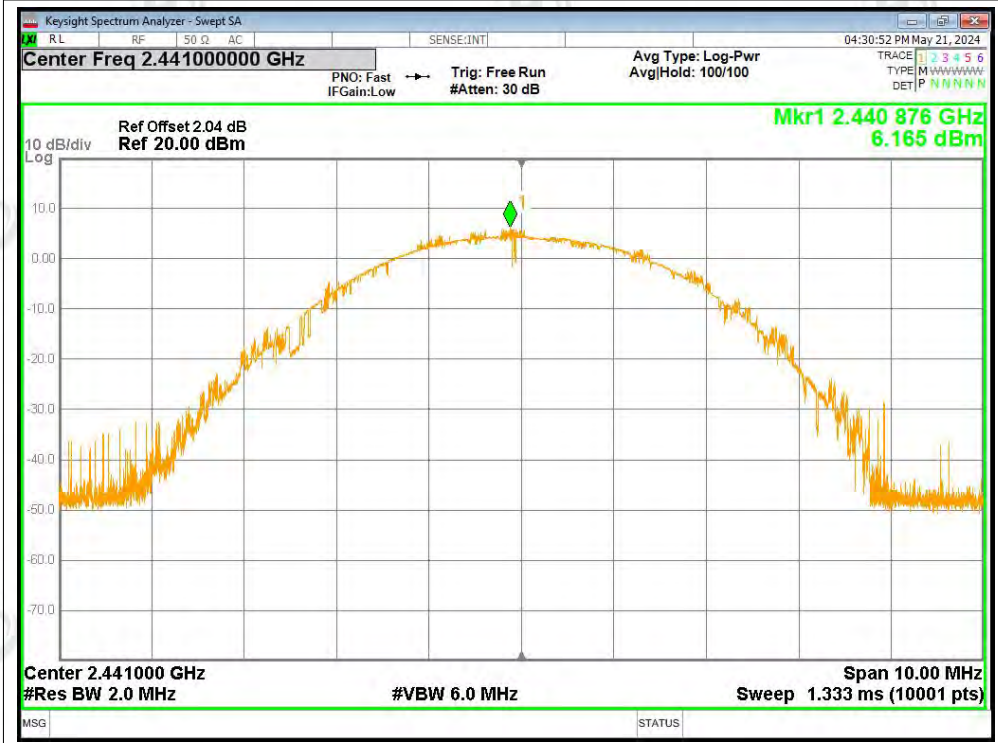


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Peak Power NVNT 3-DH5 2402MHz Ant1

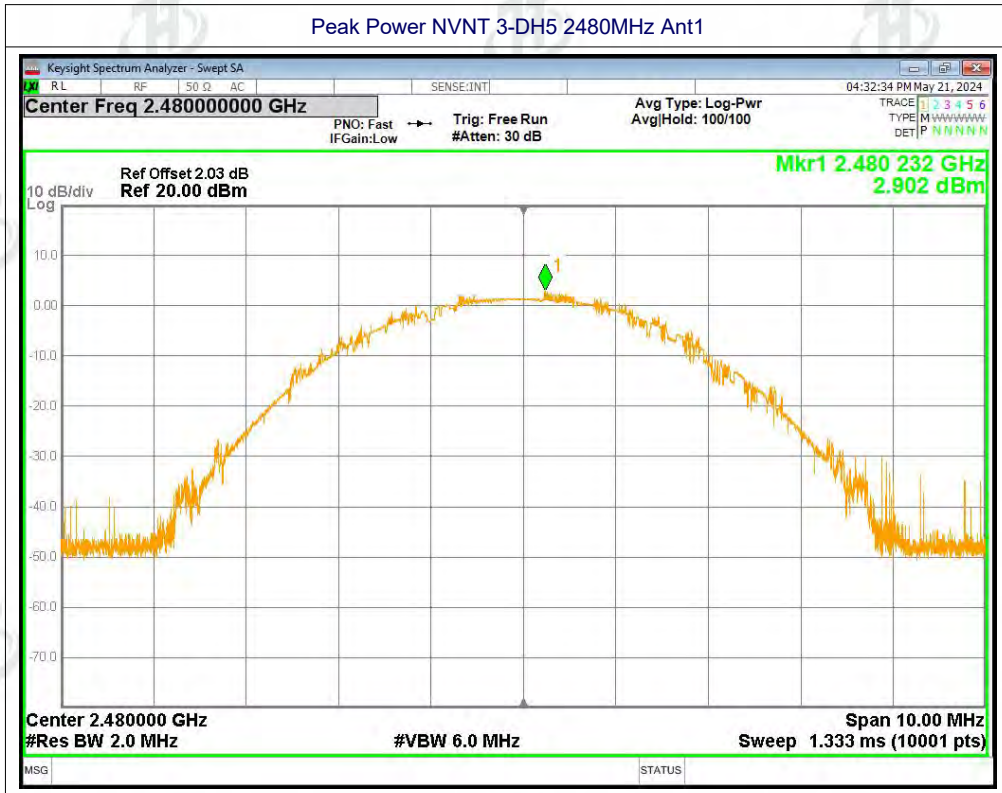


Peak Power NVNT 3-DH5 2441MHz Ant1





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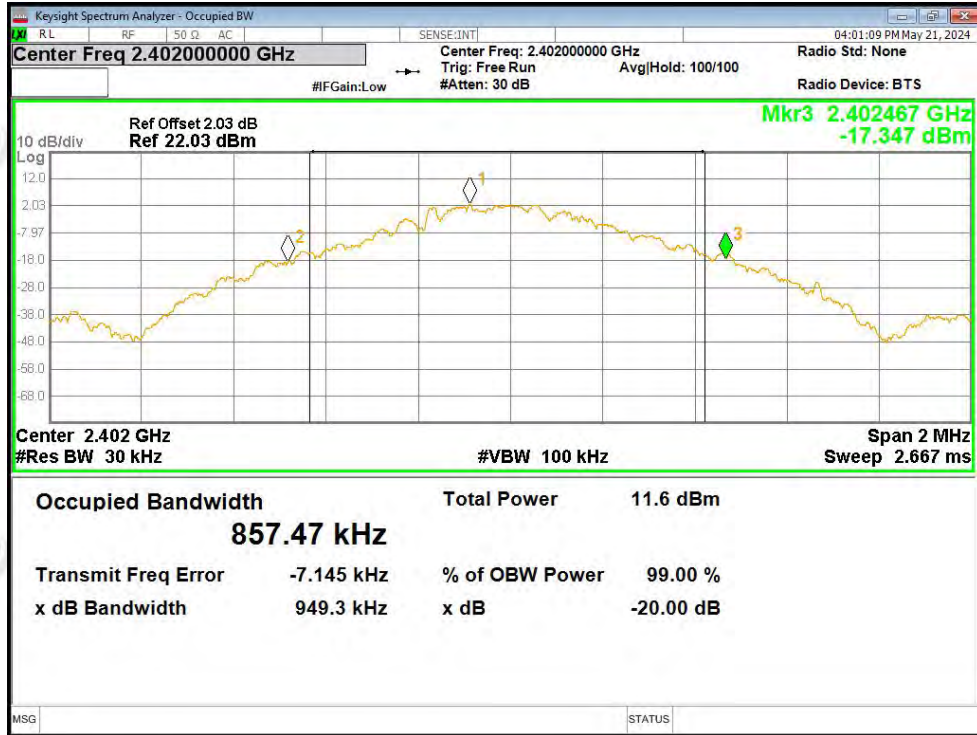
-20dB Bandwidth

Condition	Mode	Frequency (MHz)	Antenna	-20 dB Bandwidth (MHz)	Verdict
NVNT	1-DH5	2402	Ant1	0.949	Pass
NVNT	1-DH5	2441	Ant1	0.951	Pass
NVNT	1-DH5	2480	Ant1	0.95	Pass
NVNT	2-DH5	2402	Ant1	1.306	Pass
NVNT	2-DH5	2441	Ant1	1.285	Pass
NVNT	2-DH5	2480	Ant1	1.315	Pass
NVNT	3-DH5	2402	Ant1	1.098	Pass
NVNT	3-DH5	2441	Ant1	1.068	Pass
NVNT	3-DH5	2480	Ant1	1.066	Pass

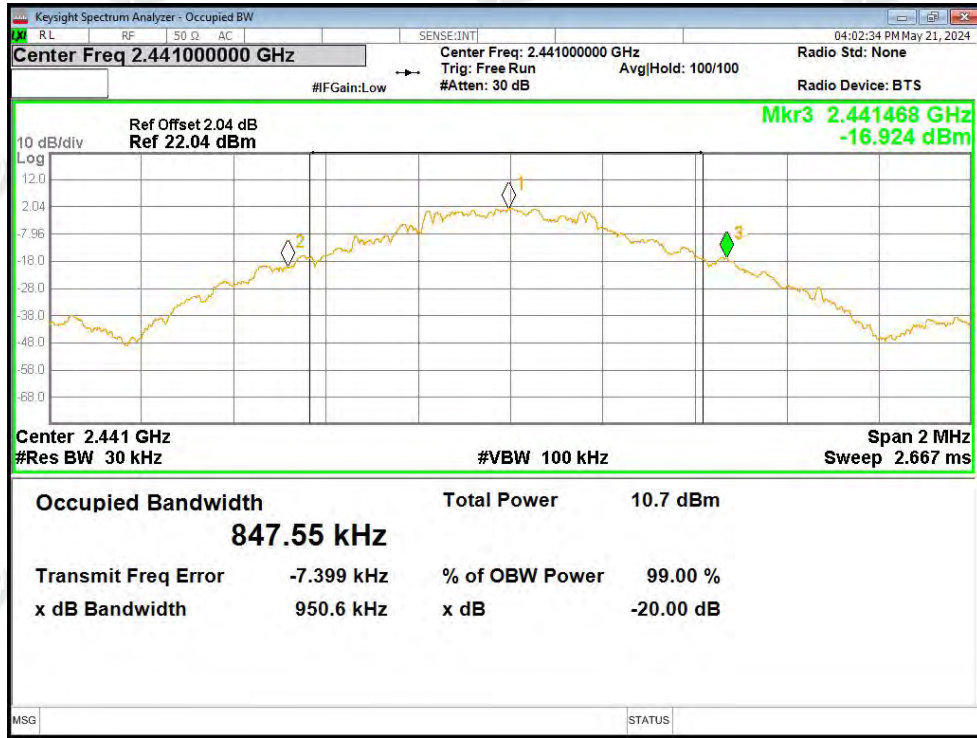


Test Graphs

-20dB Bandwidth NVNT 1-DH5 2402MHz Ant1



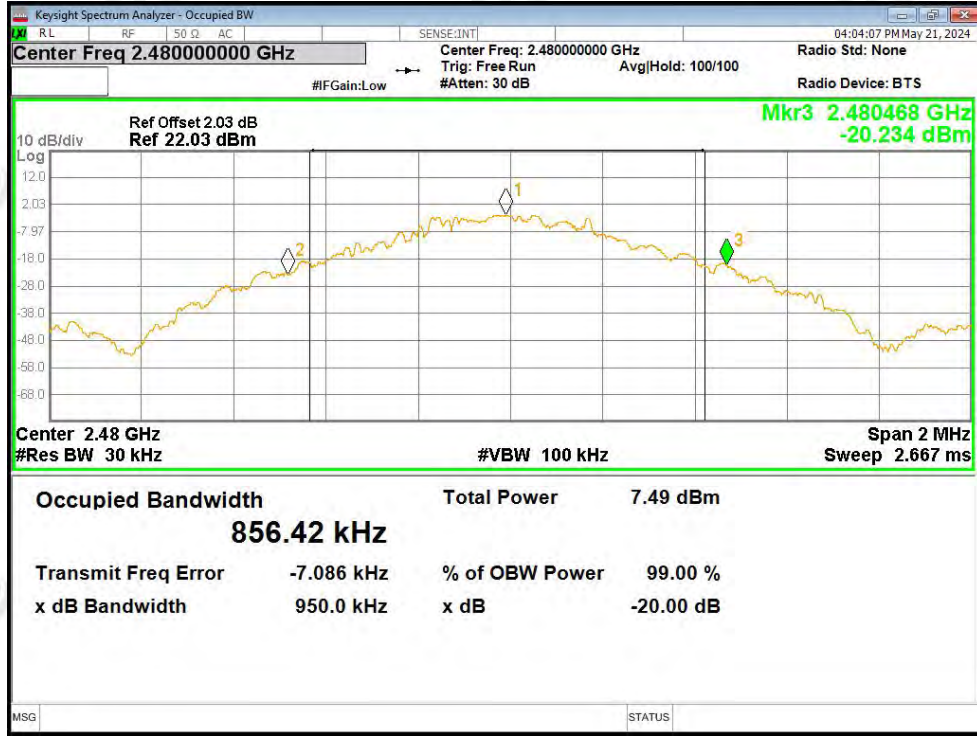
-20dB Bandwidth NVNT 1-DH5 2441MHz Ant1



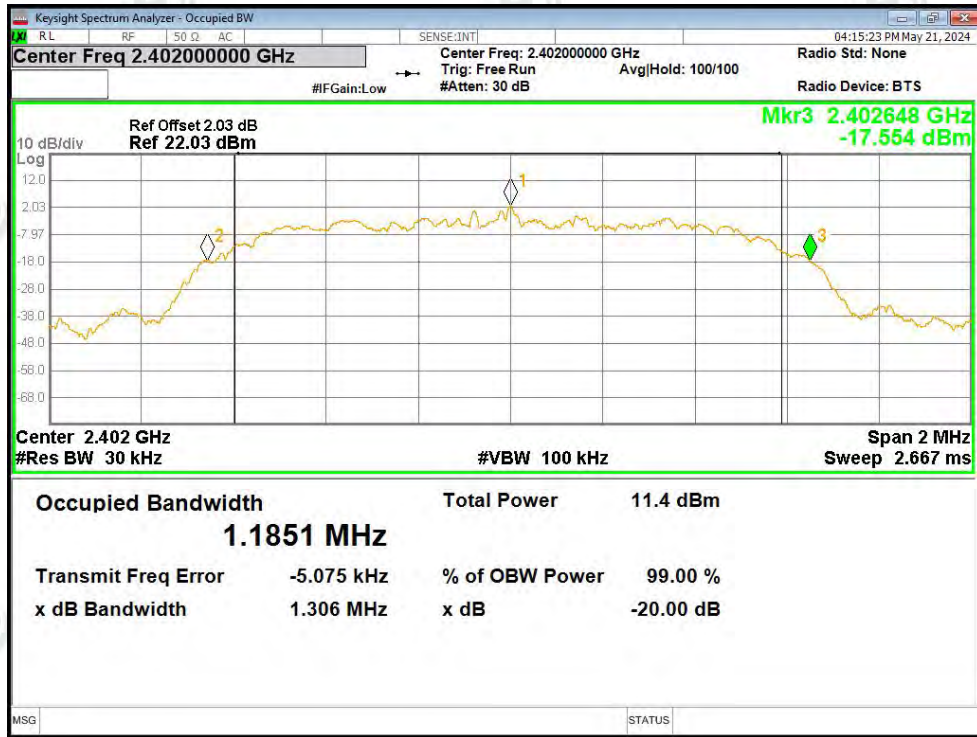


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-20dB Bandwidth NVNT 1-DH5 2480MHz Ant1



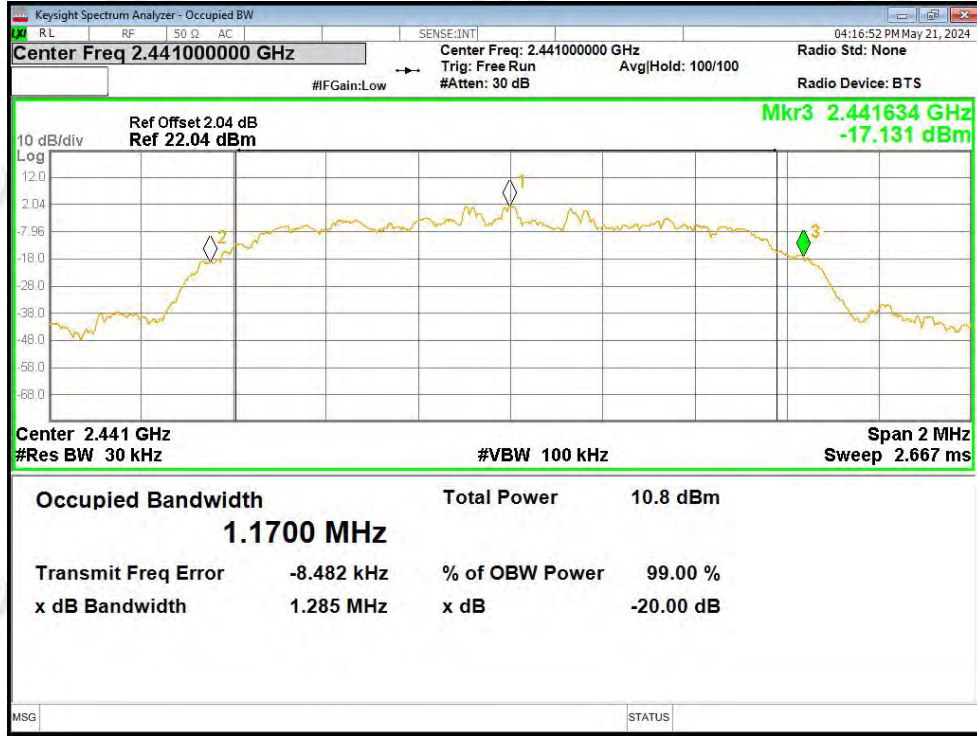
-20dB Bandwidth NVNT 2-DH5 2402MHz Ant1



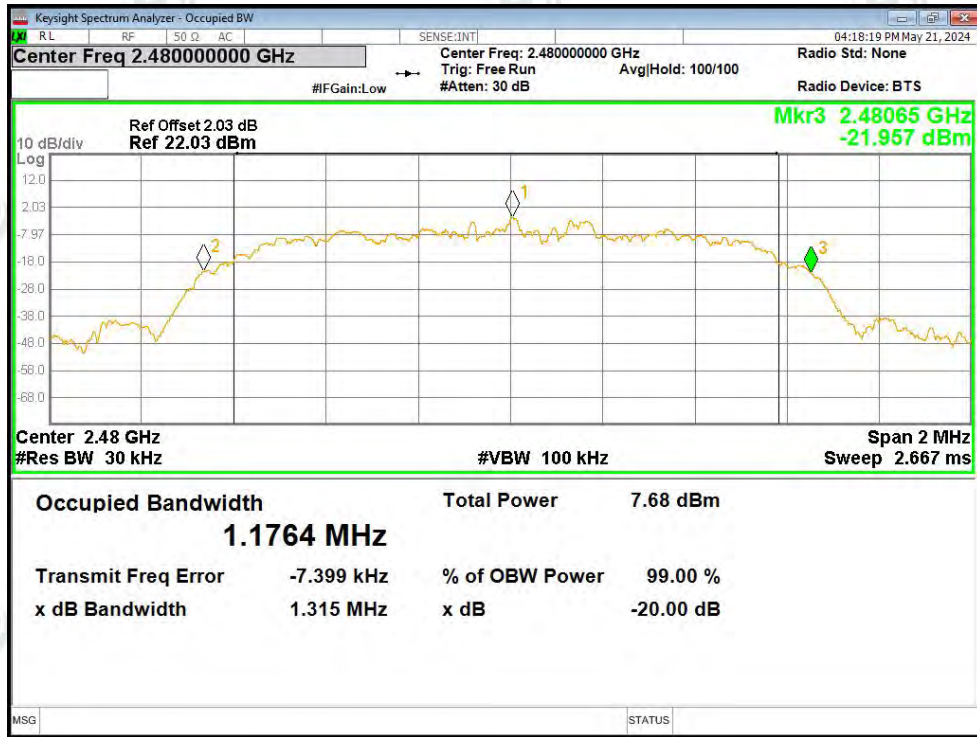


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-20dB Bandwidth NVNT 2-DH5 2441MHz Ant1



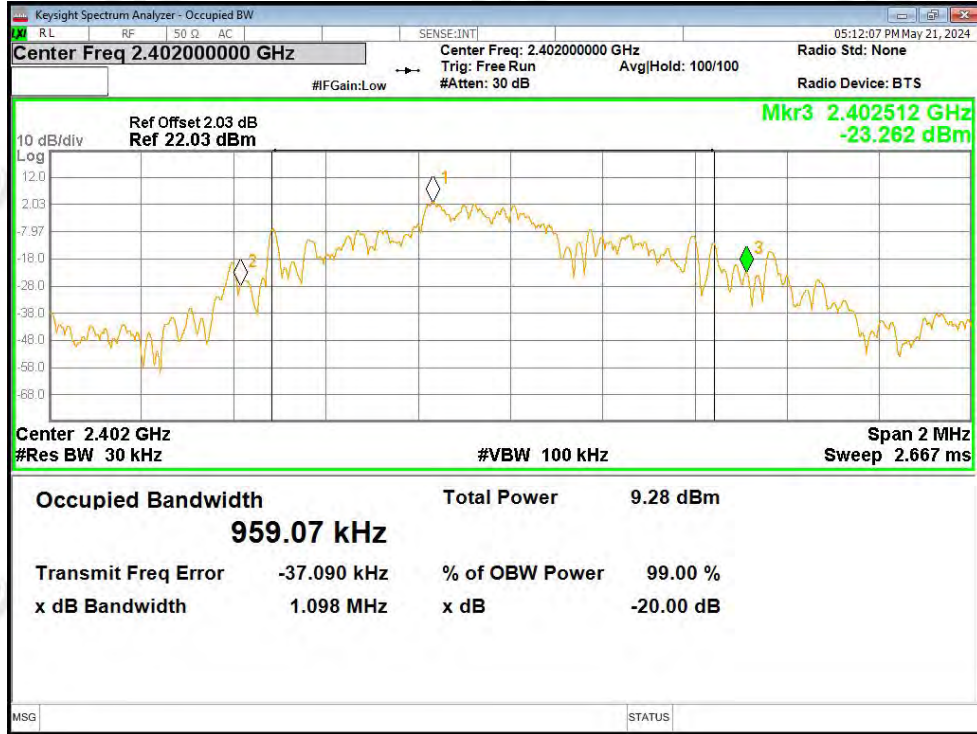
-20dB Bandwidth NVNT 2-DH5 2480MHz Ant1



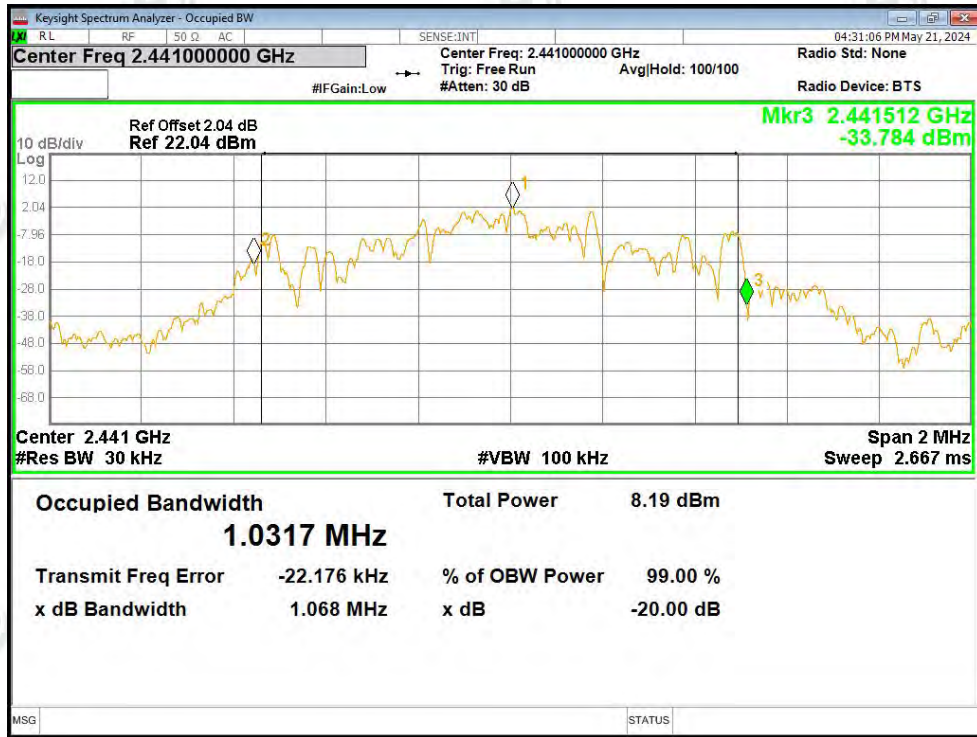


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-20dB Bandwidth NVNT 3-DH5 2402MHz Ant1

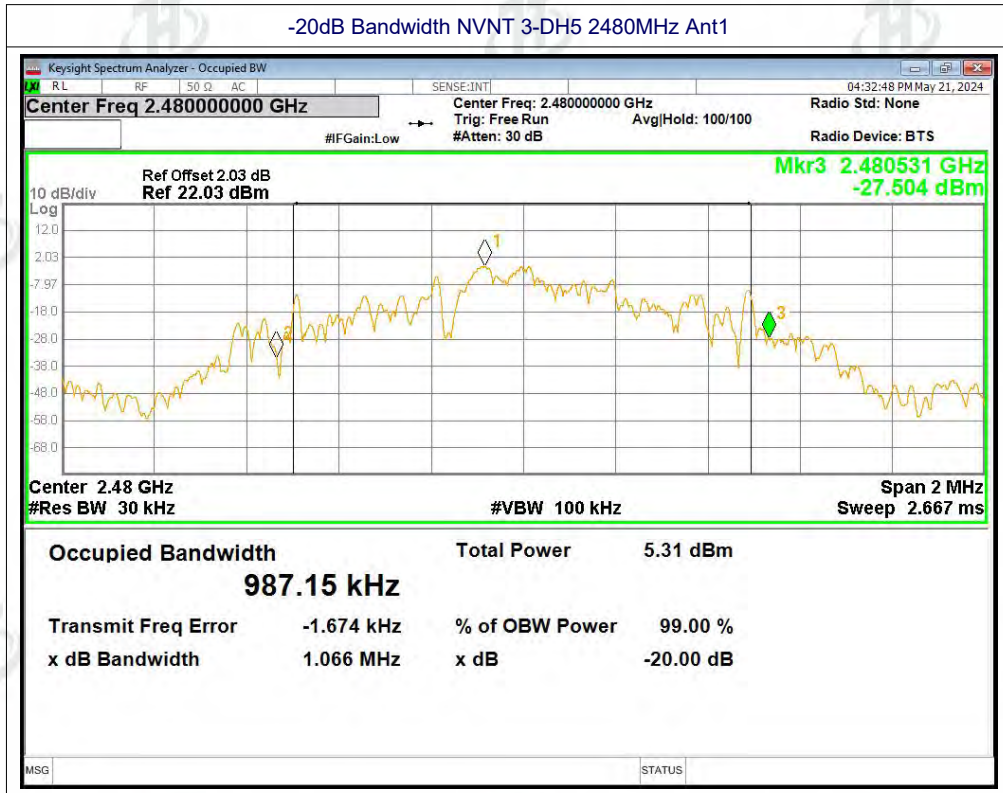


-20dB Bandwidth NVNT 3-DH5 2441MHz Ant1





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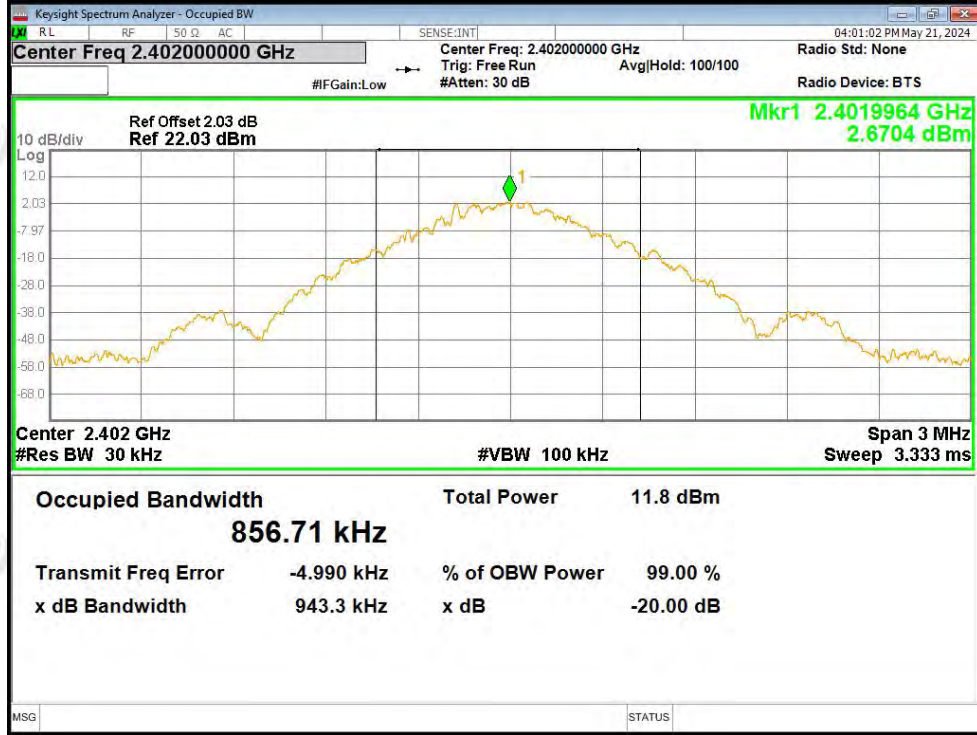
Occupied Channel Bandwidth

Condition	Mode	Frequency (MHz)	Antenna	99% OBW (MHz)
NVNT	1-DH5	2402	Ant1	0.857
NVNT	1-DH5	2441	Ant1	0.867
NVNT	1-DH5	2480	Ant1	0.857
NVNT	2-DH5	2402	Ant1	1.178
NVNT	2-DH5	2441	Ant1	1.18
NVNT	2-DH5	2480	Ant1	1.18
NVNT	3-DH5	2402	Ant1	1.065
NVNT	3-DH5	2441	Ant1	1.088
NVNT	3-DH5	2480	Ant1	1.06

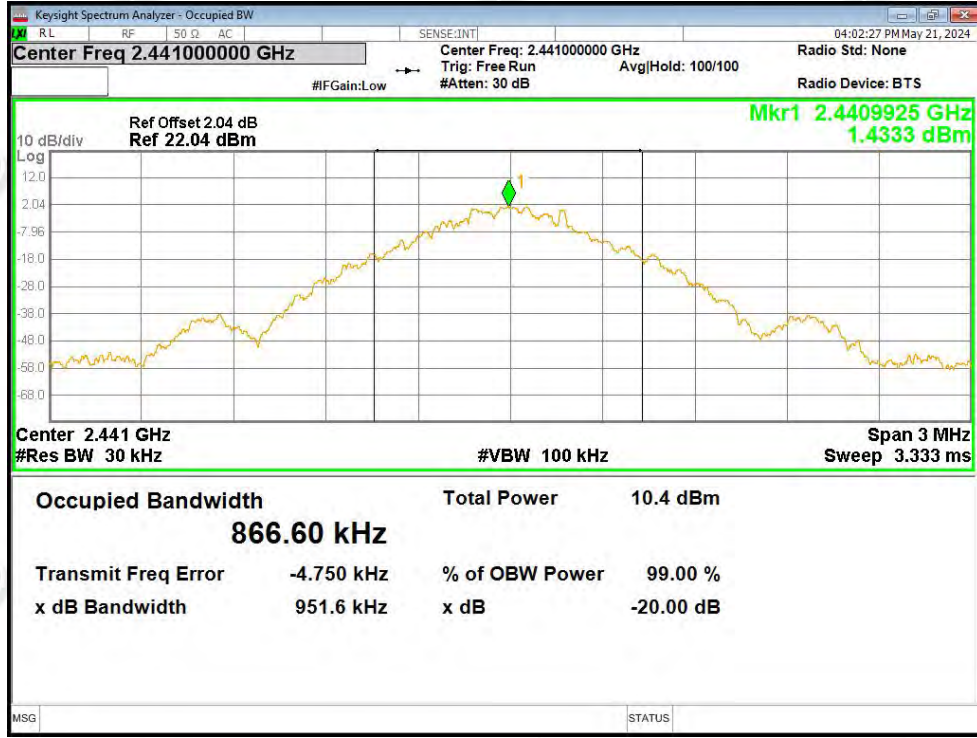


Test Graphs

OBW NVNT 1-DH5 2402MHz Ant1



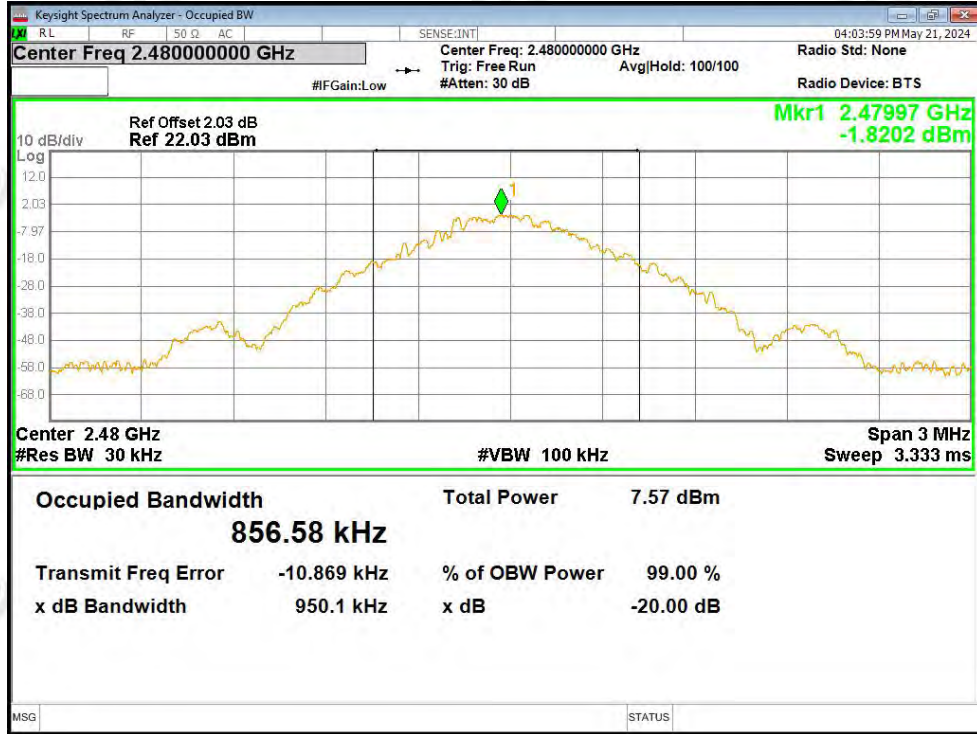
OBW NVNT 1-DH5 2441MHz Ant1



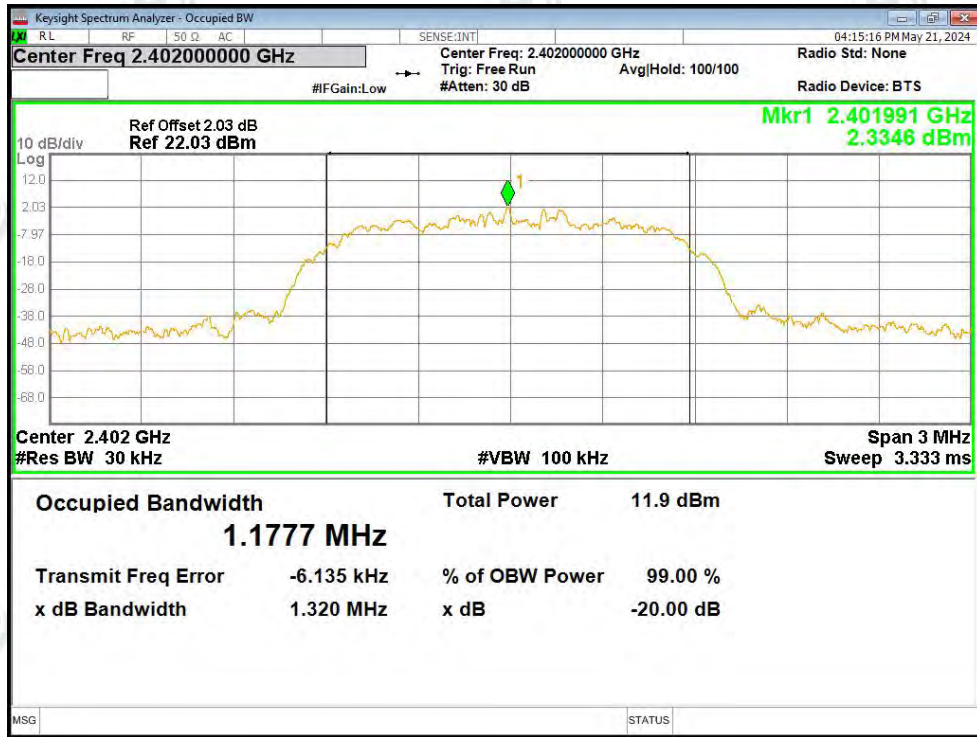


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OBW NVNT 1-DH5 2480MHz Ant1

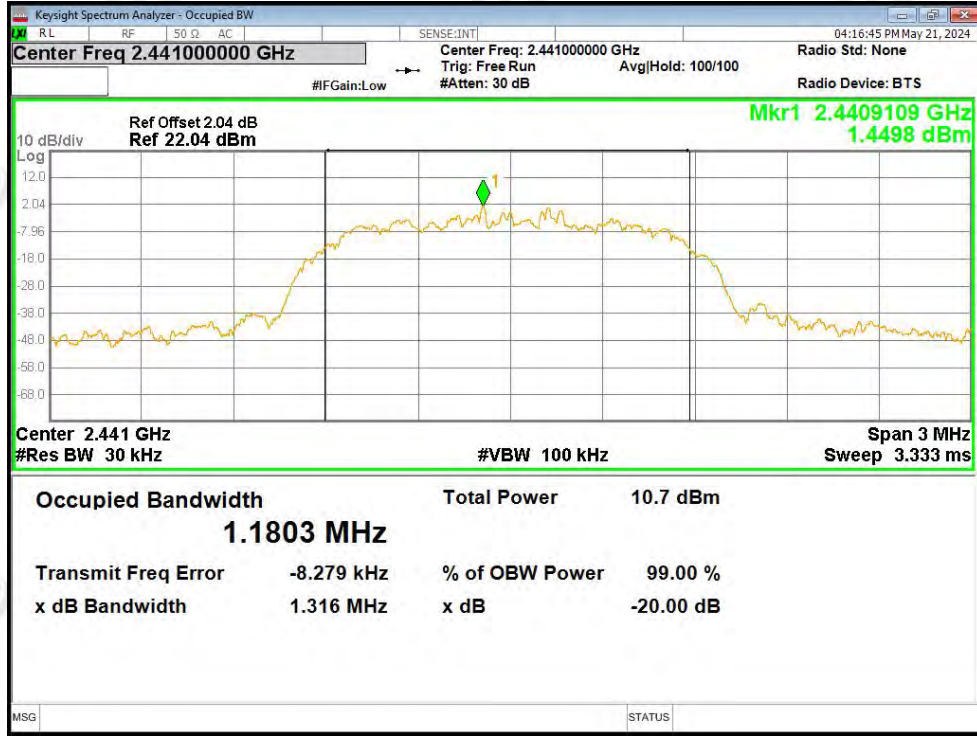


OBW NVNT 2-DH5 2402MHz Ant1

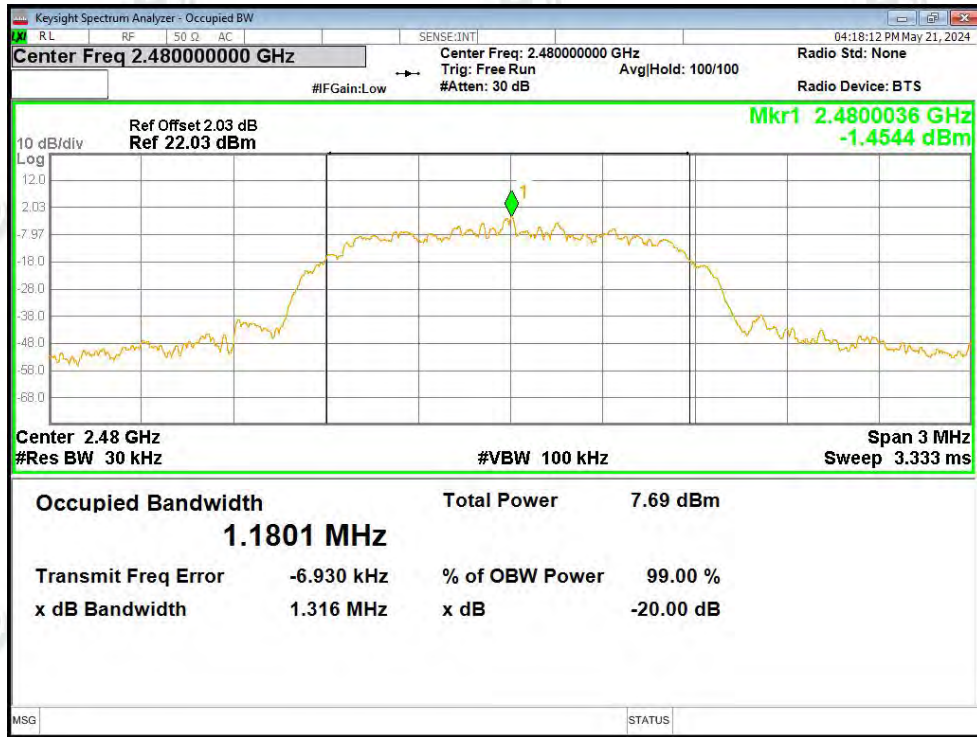




OBW NVNT 2-DH5 2441MHz Ant1



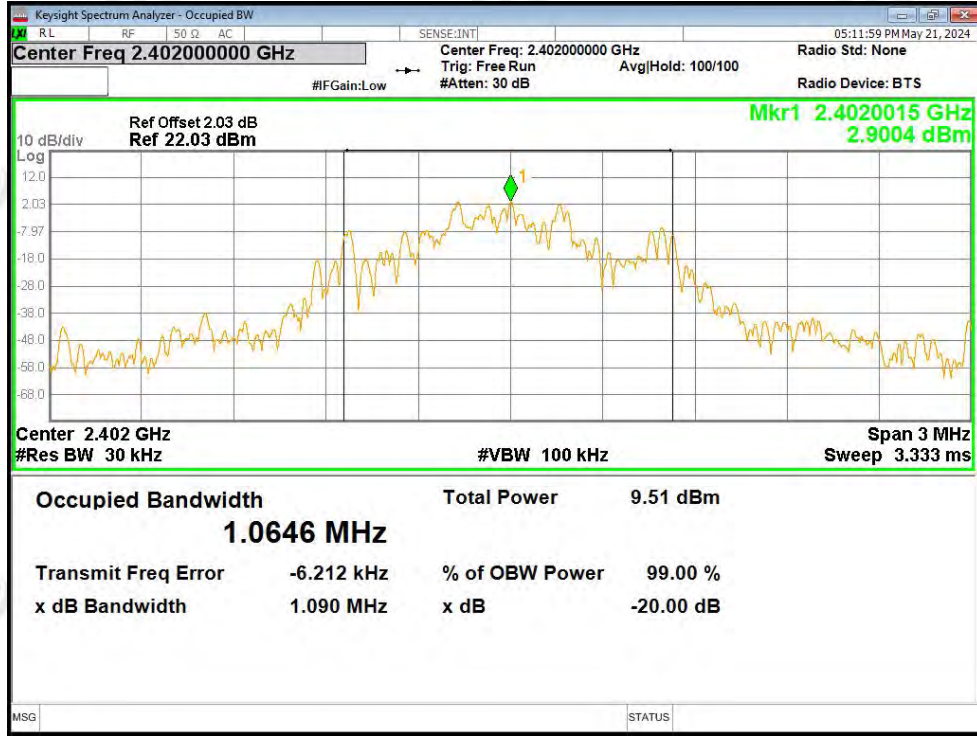
OBW NVNT 2-DH5 2480MHz Ant1



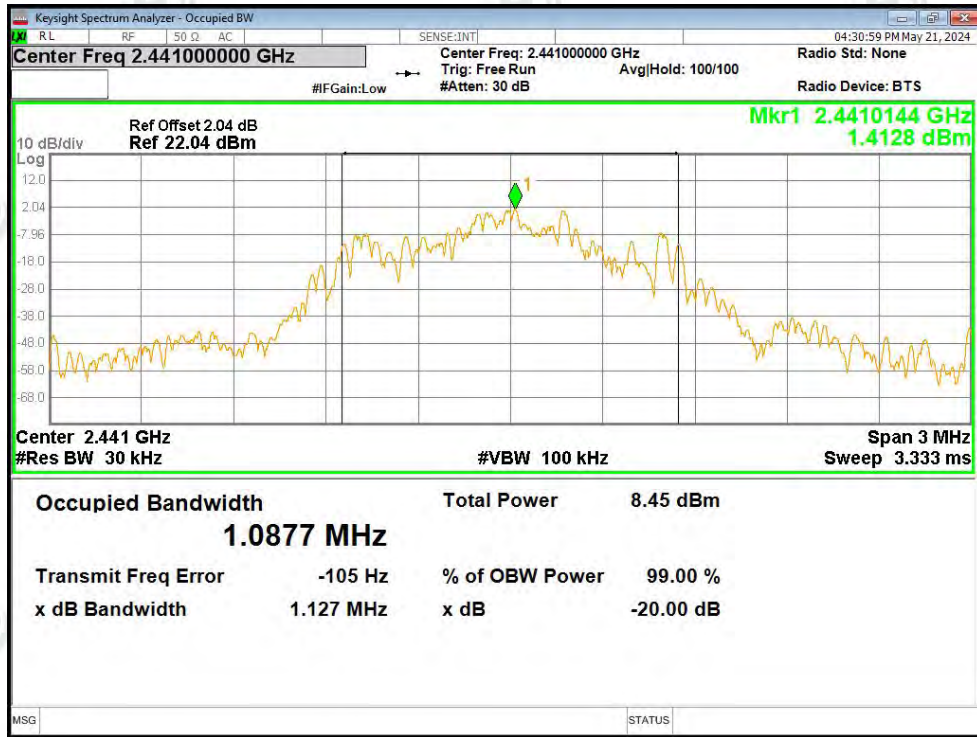


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OBW NVNT 3-DH5 2402MHz Ant1

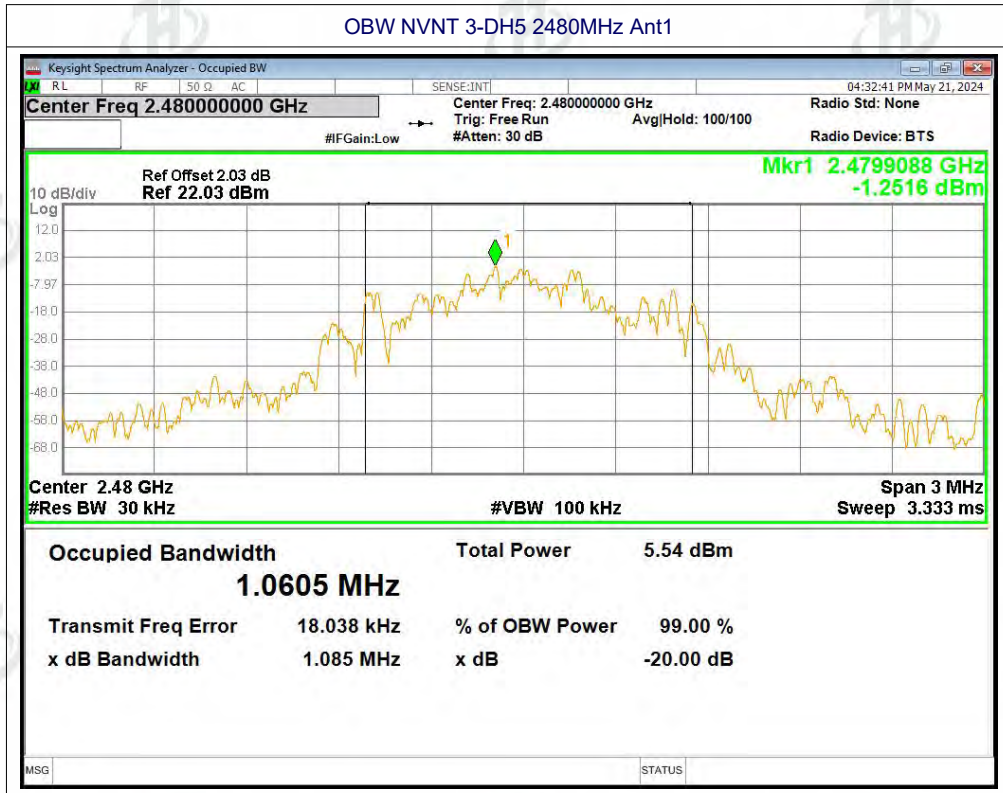


OBW NVNT 3-DH5 2441MHz Ant1





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Carrier Frequencies Separation

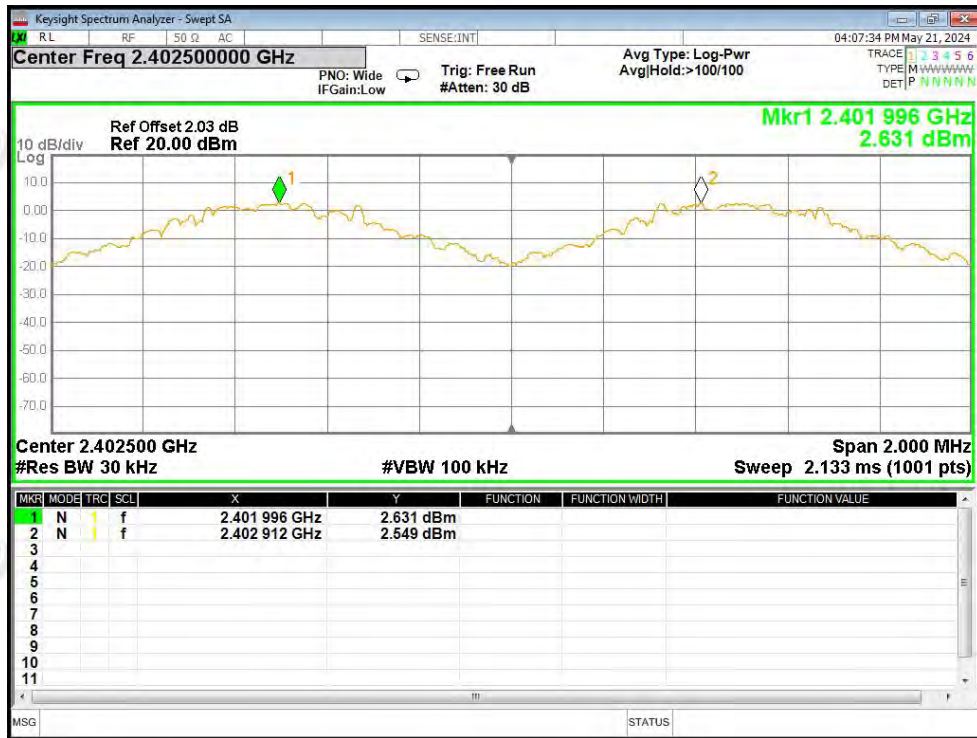
Condition	Mode	Antenna	Hopping Freq1 (MHz)	Hopping Freq2 (MHz)	HFS (MHz)	Limit (MHz)	Verdict
NVNT	1-DH5	Ant1	2401.996	2402.912	0.916	0.633	Pass
NVNT	1-DH5	Ant1	2441.012	2442	0.988	0.634	Pass
NVNT	1-DH5	Ant1	2478.982	2479.968	0.986	0.633	Pass
NVNT	2-DH5	Ant1	2401.912	2402.912	1	0.871	Pass
NVNT	2-DH5	Ant1	2440.912	2442.002	1.09	0.857	Pass
NVNT	2-DH5	Ant1	2479	2480.008	1.008	0.877	Pass
NVNT	3-DH5	Ant1	2401.834	2402.832	0.998	0.806	Pass
NVNT	3-DH5	Ant1	2440.914	2441.832	0.918	0.712	Pass
NVNT	3-DH5	Ant1	2478.998	2480.008	1.01	0.711	Pass



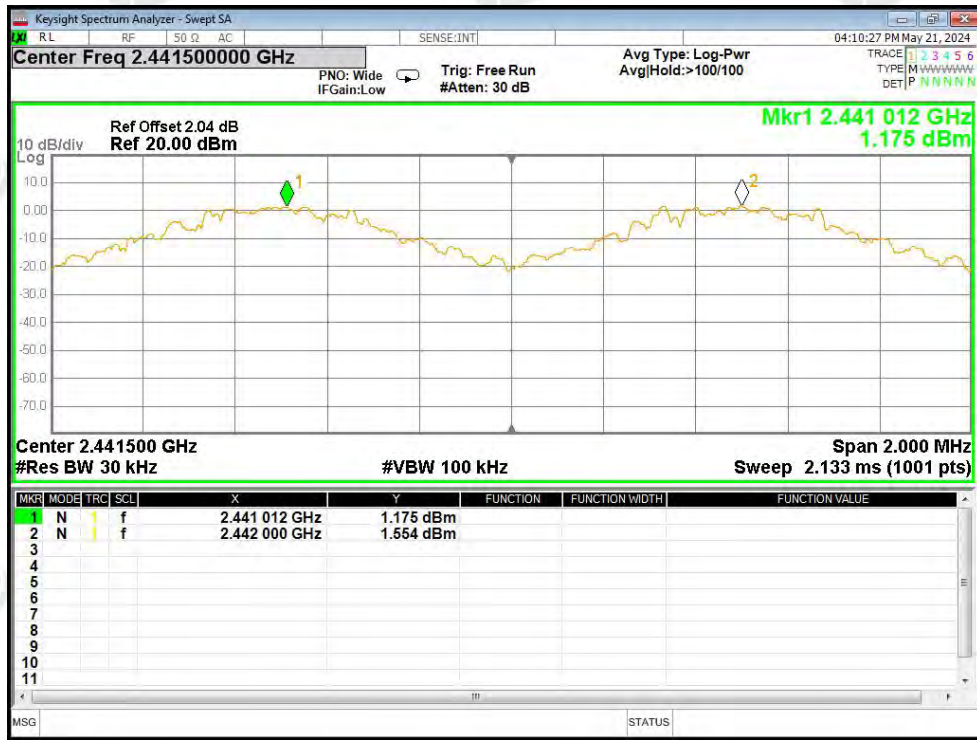
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Test Graphs

CFS NVNT 1-DH5 2402MHz Ant1



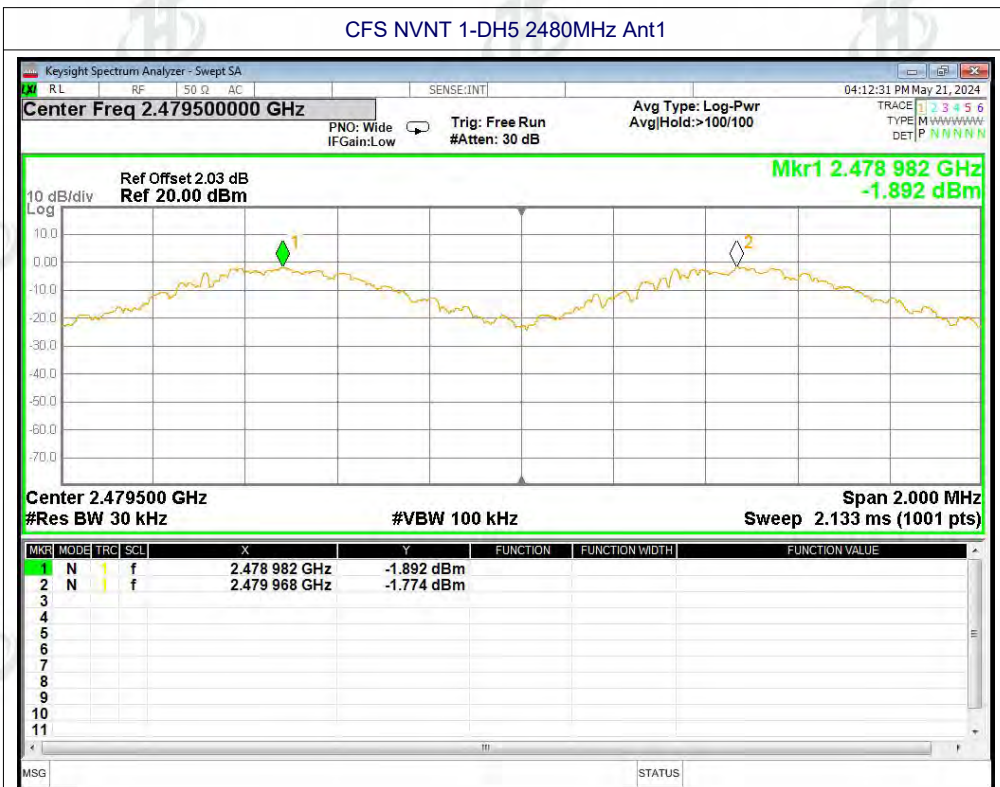
CFS NVNT 1-DH5 2441MHz Ant1



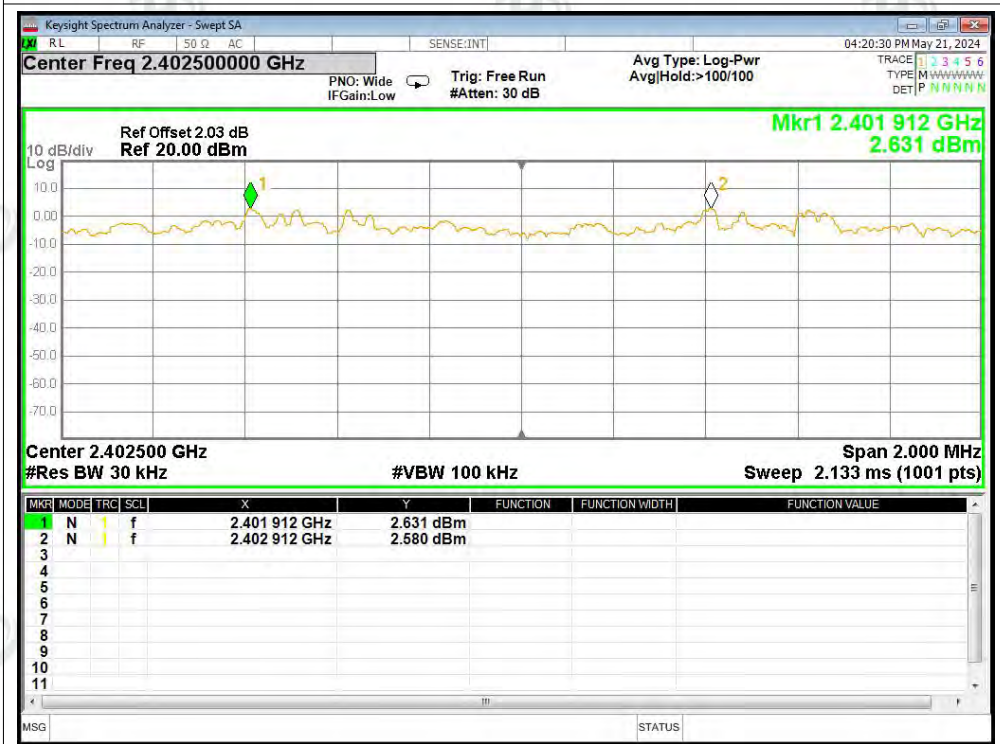


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CFS NVNT 1-DH5 2480MHz Ant1



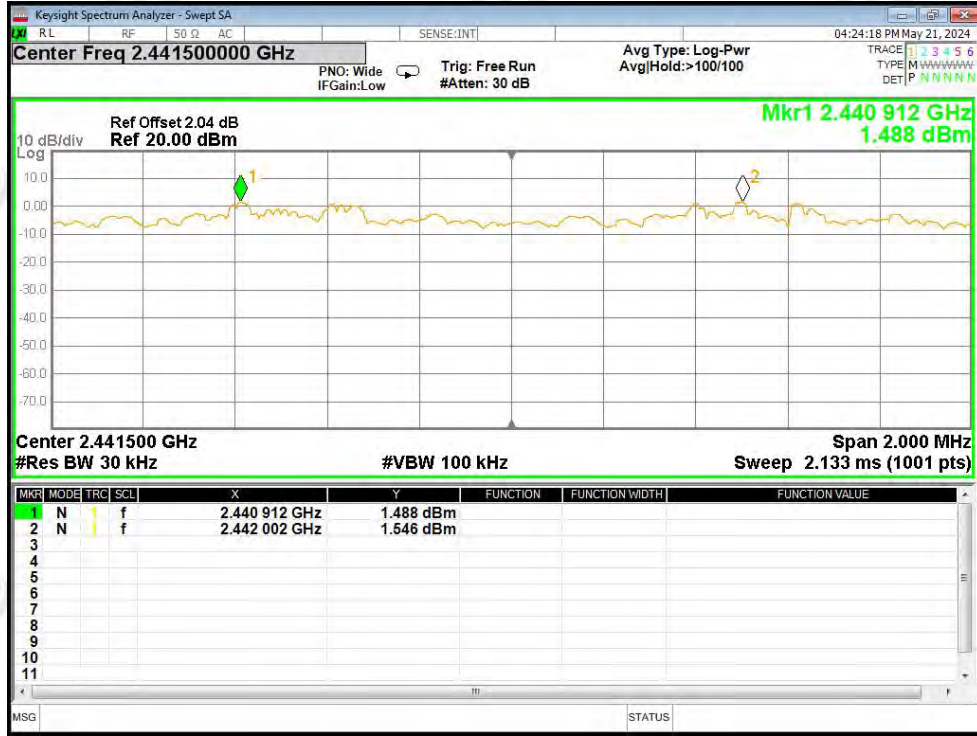
CFS NVNT 2-DH5 2402MHz Ant1



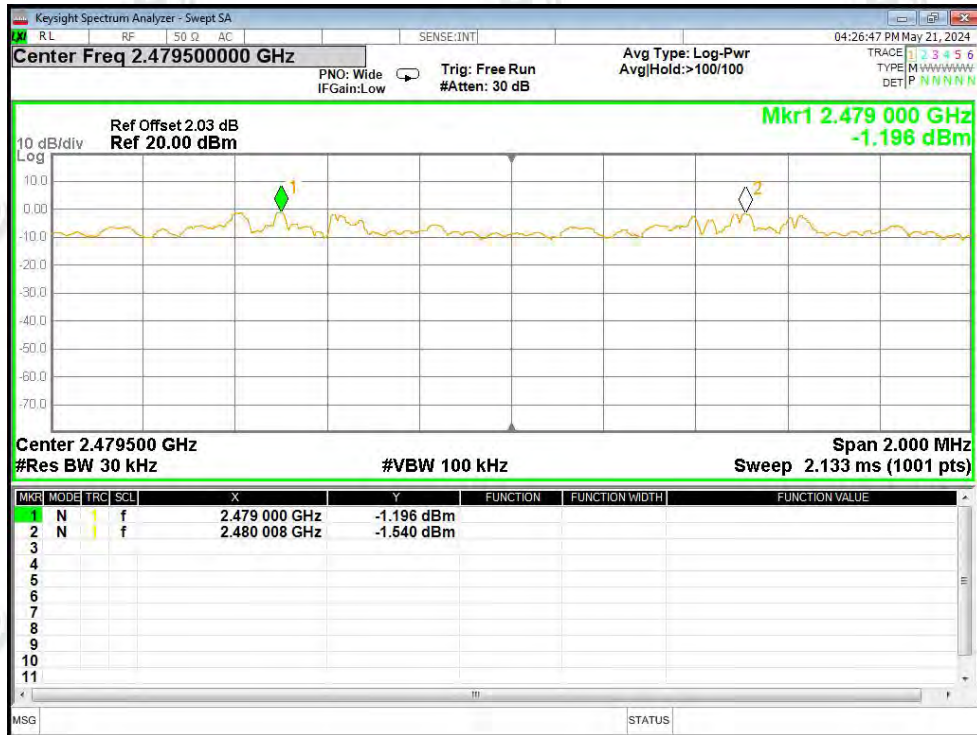


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CFS NVNT 2-DH5 2441MHz Ant1



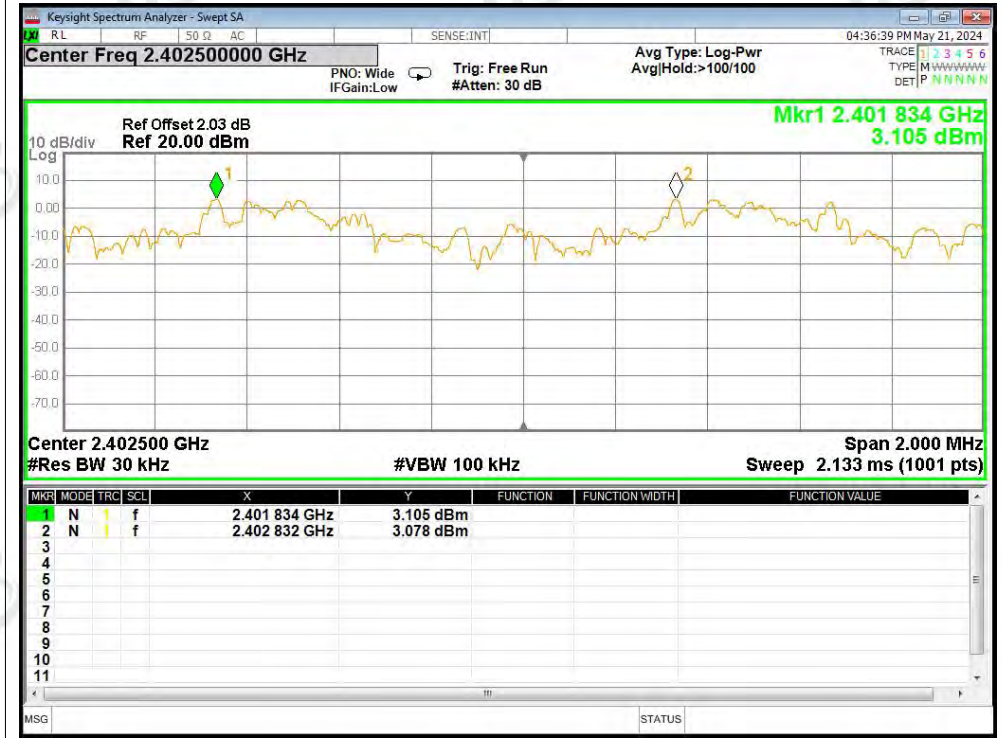
CFS NVNT 2-DH5 2480MHz Ant1



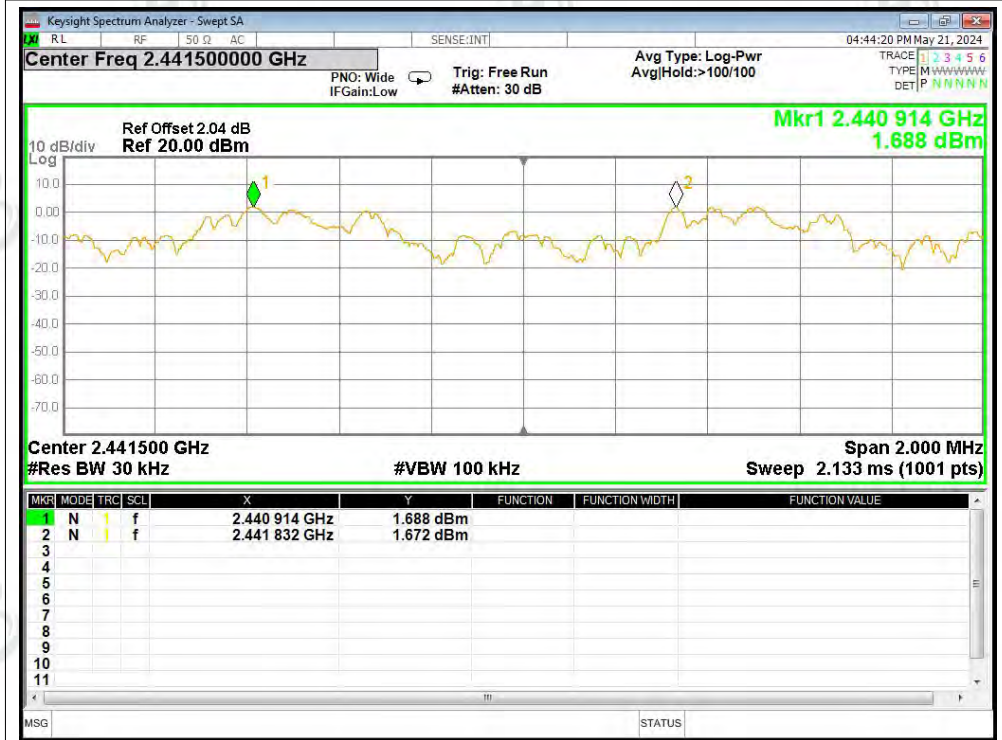


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CFS NVNT 3-DH5 2402MHz Ant1

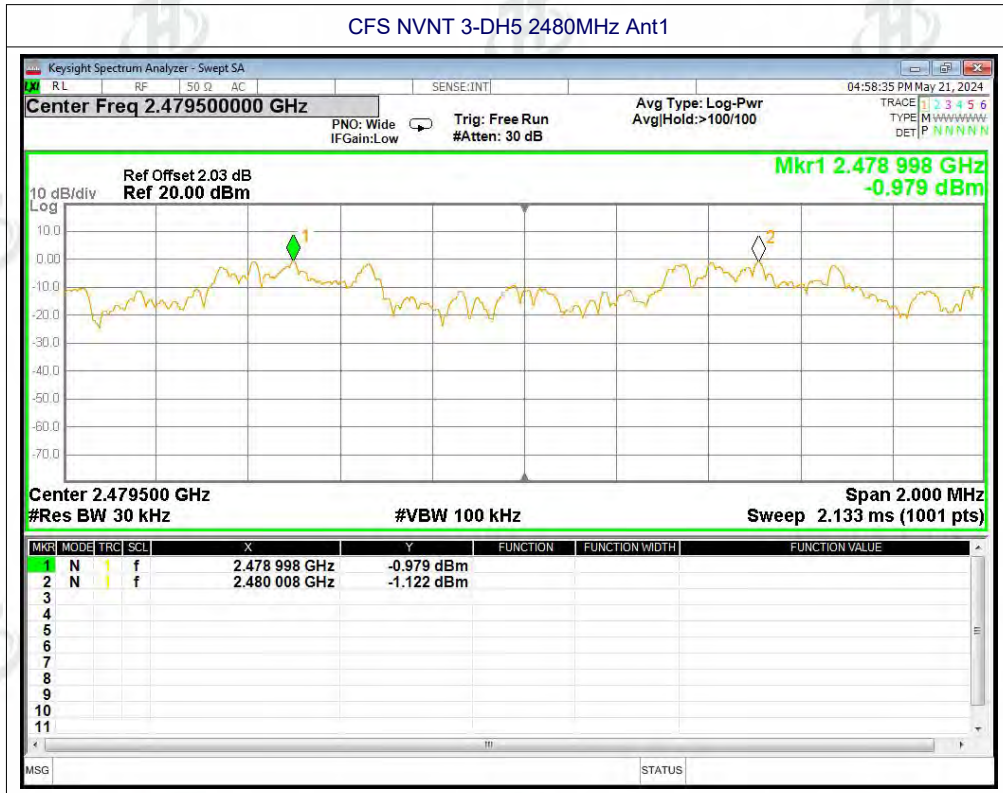


CFS NVNT 3-DH5 2441MHz Ant1





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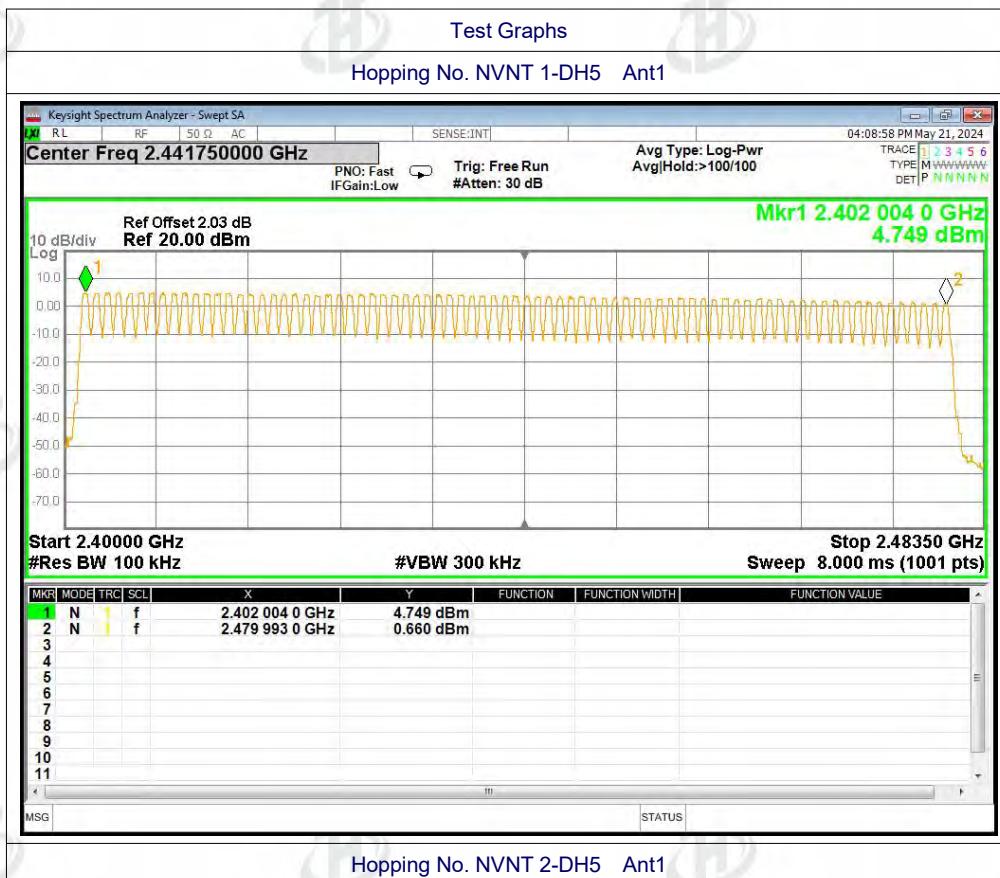




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Number of Hopping Channel

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



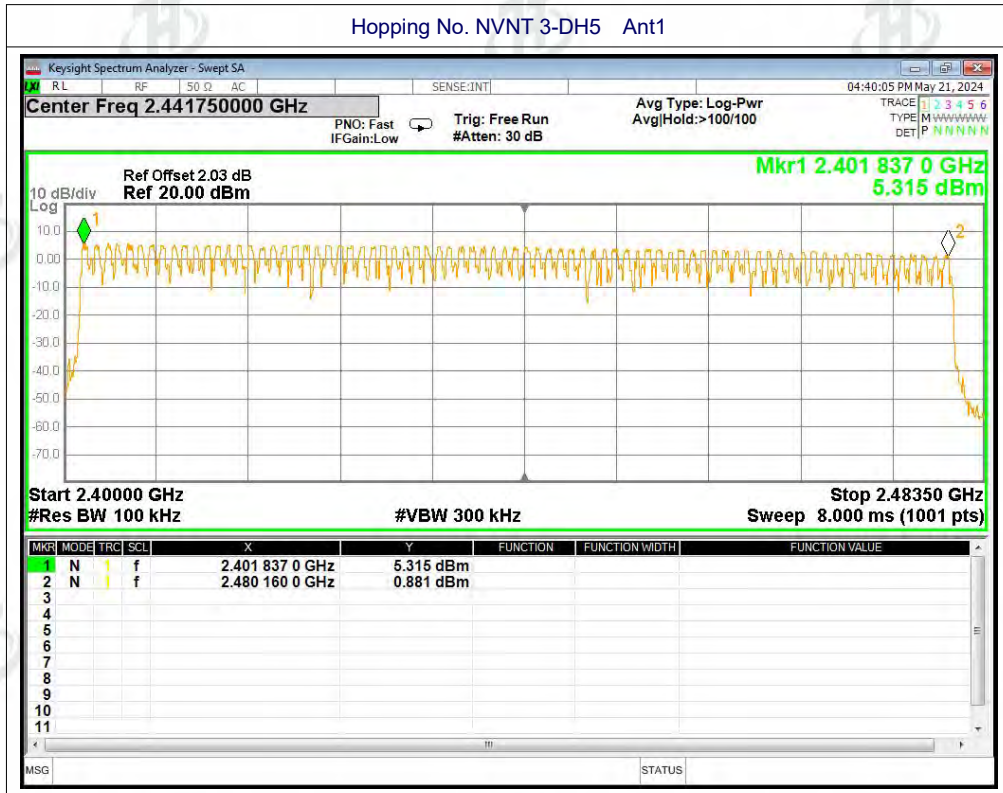


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Band Edge

Condition	Mode	Frequency (MHz)	Antenna	Hopping Mode	Max Value (dBc)	Limit (dBc)	Verdict
NVNT	1-DH5	2402	Ant1	No-Hopping	-56.59	-20	Pass
NVNT	1-DH5	2480	Ant1	No-Hopping	-57.22	-20	Pass
NVNT	2-DH5	2402	Ant1	No-Hopping	-51.27	-20	Pass
NVNT	2-DH5	2480	Ant1	No-Hopping	-56.67	-20	Pass
NVNT	3-DH5	2402	Ant1	No-Hopping	-53.95	-20	Pass
NVNT	3-DH5	2480	Ant1	No-Hopping	-56.77	-20	Pass



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Test Graphs

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



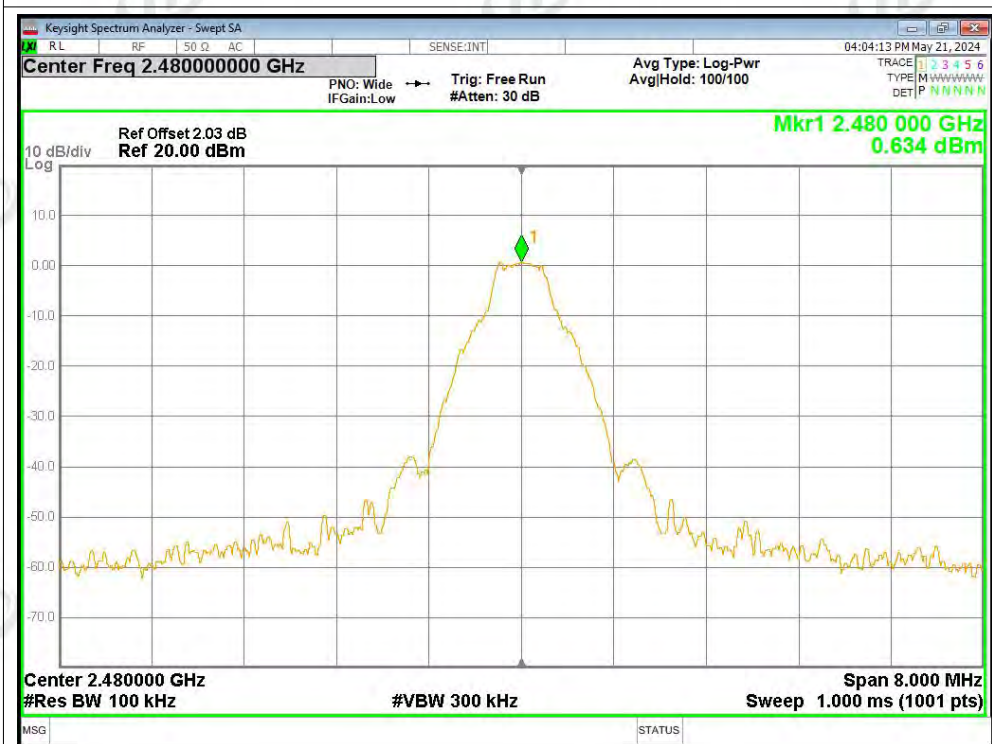
Band Edge NVNT 1-DH5 2402MHz Ant1 No-Hopping Emission



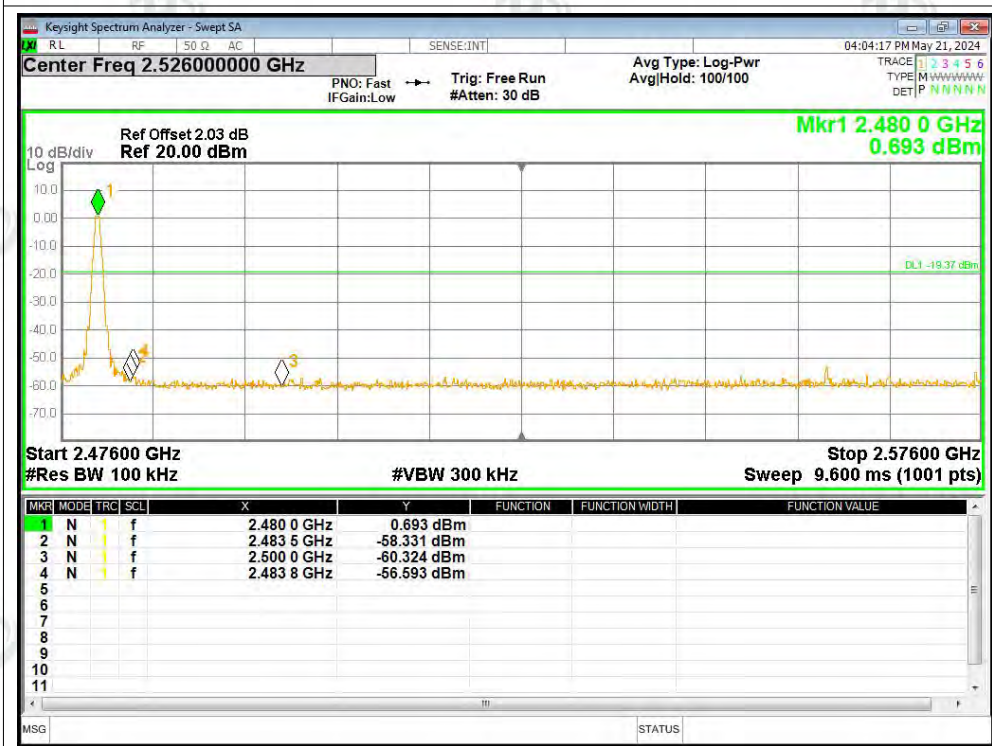


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Band Edge NVNT 1-DH5 2480MHz Ant1 No-Hopping Ref



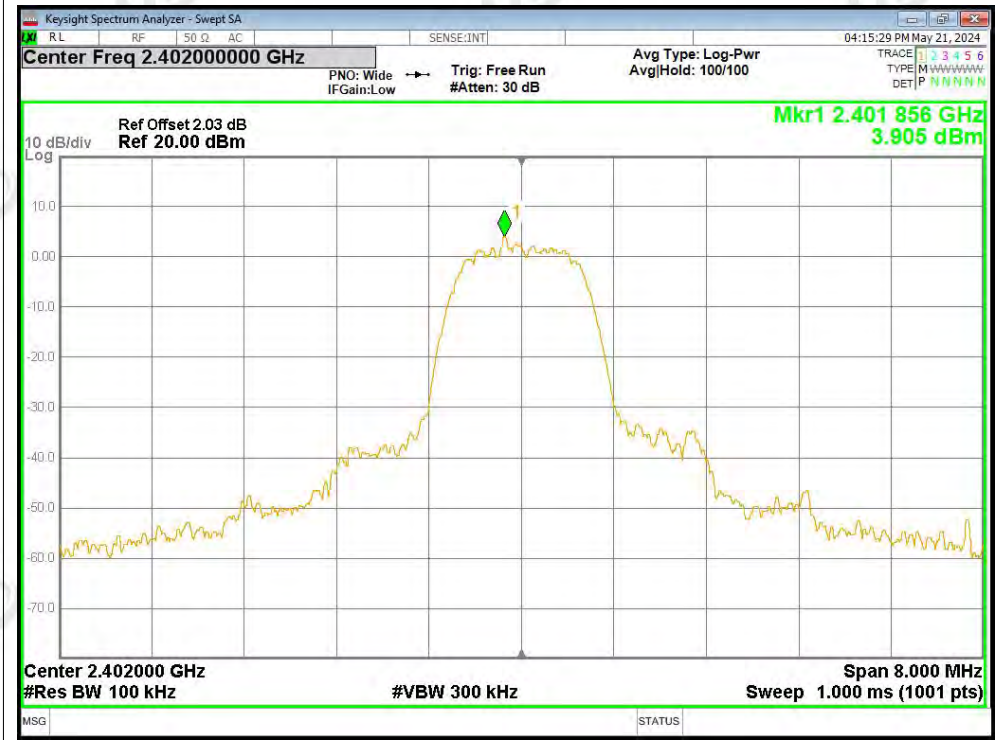
Band Edge NVNT 1-DH5 2480MHz Ant1 No-Hopping Emission



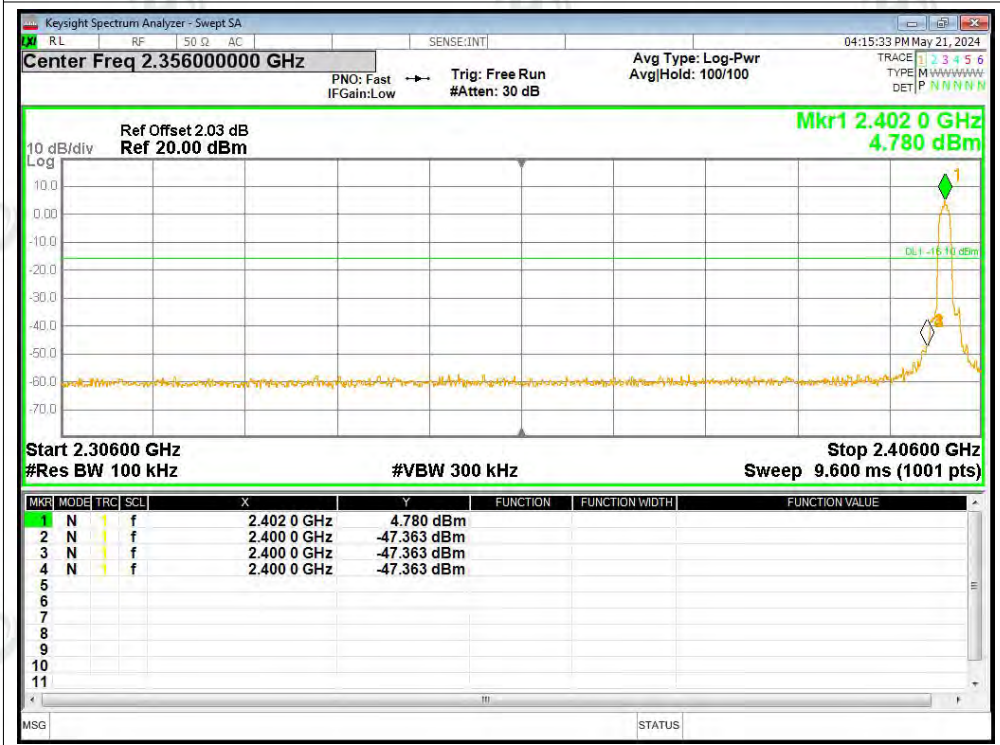


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Band Edge NVNT 2-DH5 2402MHz Ant1 No-Hopping Ref



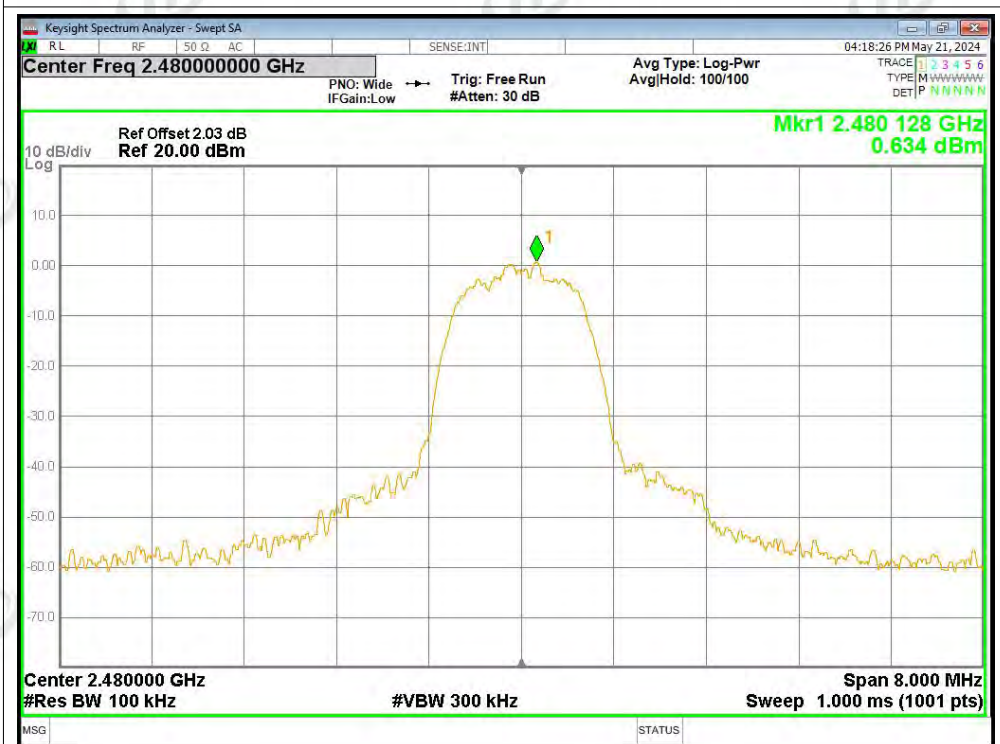
Band Edge NVNT 2-DH5 2402MHz Ant1 No-Hopping Emission





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



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



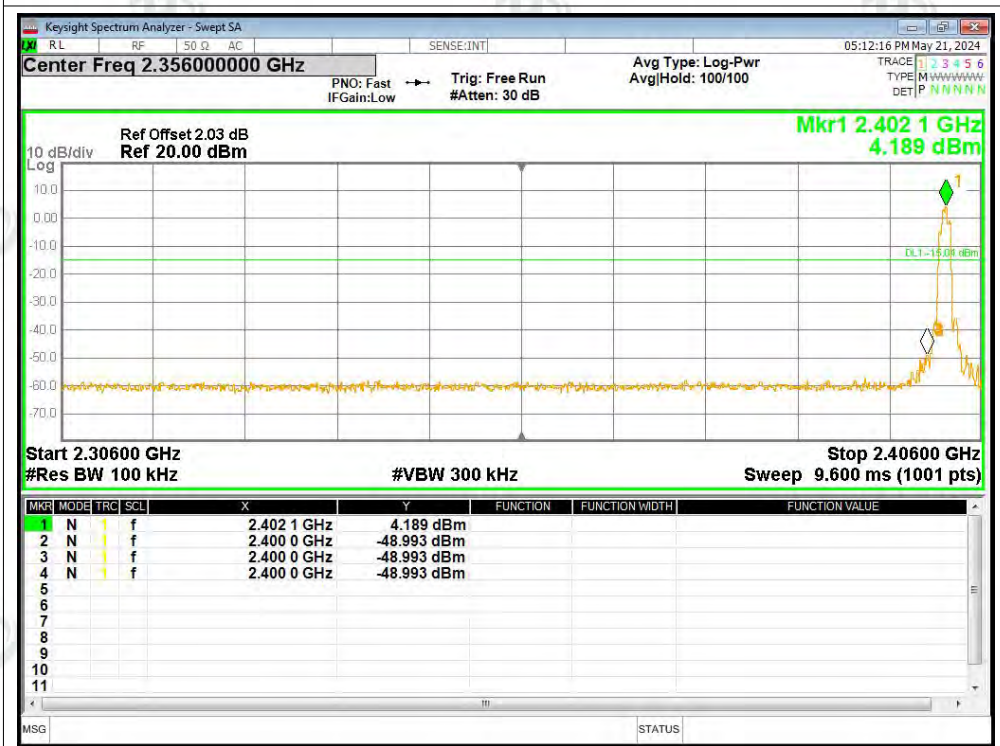


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Band Edge NVNT 3-DH5 2402MHz Ant1 No-Hopping Ref



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





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



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





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Band Edge(Hopping)

Condition	Mode	Frequency (MHz)	Antenna	Hopping Mode	Max Value (dBc)	Limit (dBc)	Verdict
NVNT	1-DH5	2402	Ant1	Hopping	-60.94	-20	Pass
NVNT	1-DH5	2480	Ant1	Hopping	-57.19	-20	Pass
NVNT	2-DH5	2402	Ant1	Hopping	-60.6	-20	Pass
NVNT	2-DH5	2480	Ant1	Hopping	-57.57	-20	Pass
NVNT	3-DH5	2402	Ant1	Hopping	-61.51	-20	Pass
NVNT	3-DH5	2480	Ant1	Hopping	-57.29	-20	Pass



Test Graphs

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



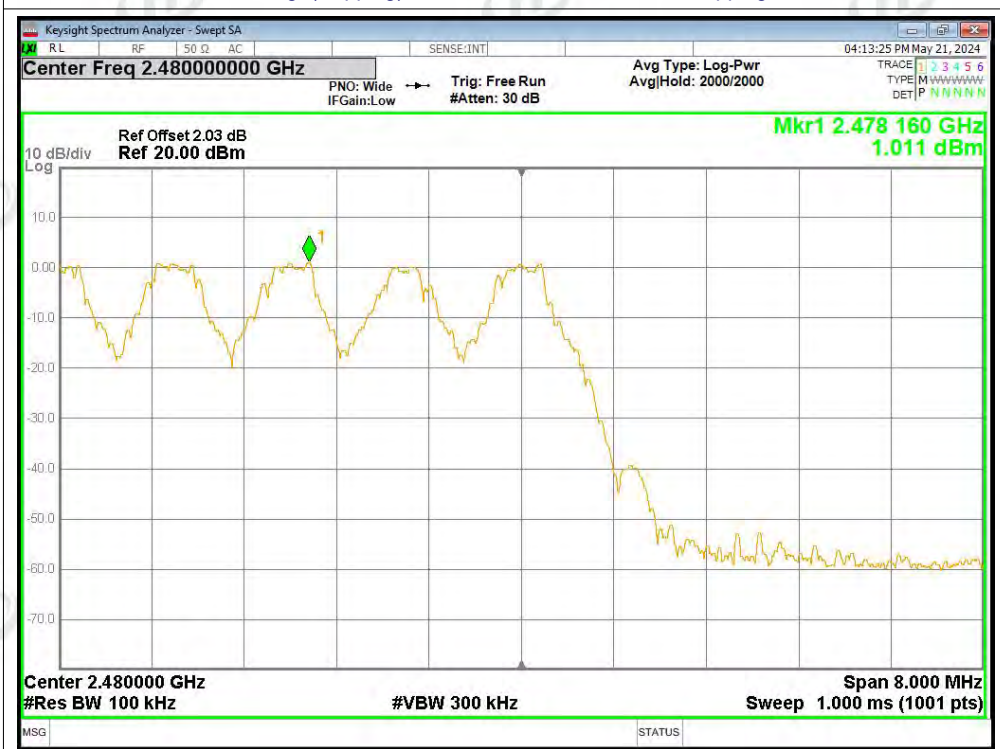
Band Edge(Hopping) NVNT 1-DH5 2402MHz Ant1 Hopping Emission





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



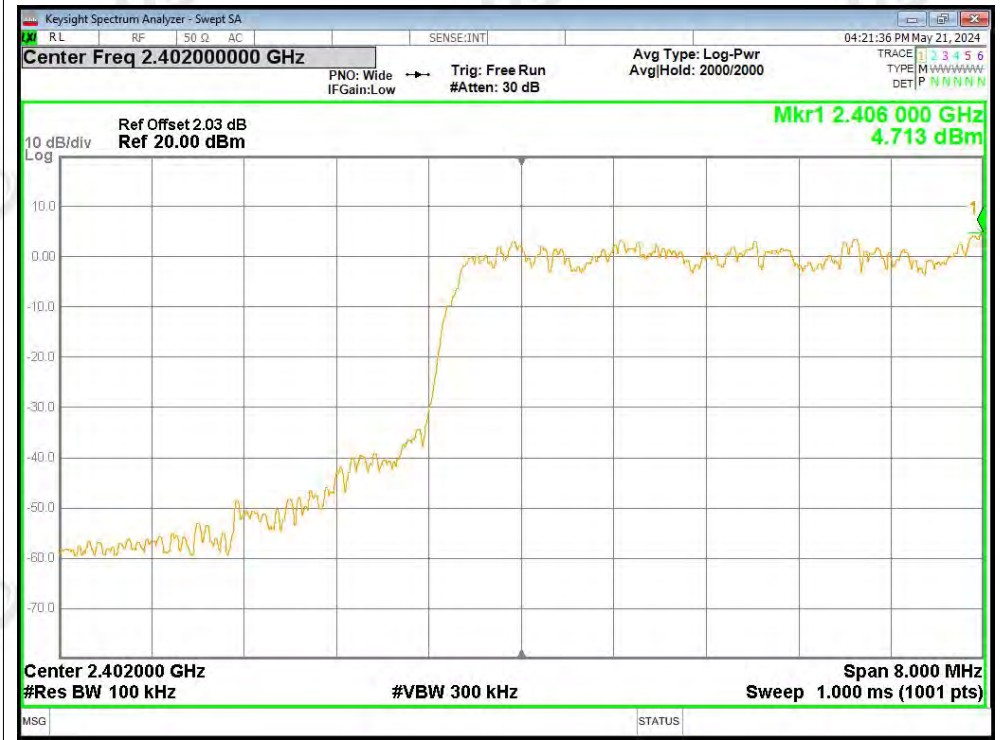
Band Edge(Hopping) NVNT 1-DH5 2480MHz Ant1 Hopping Emission



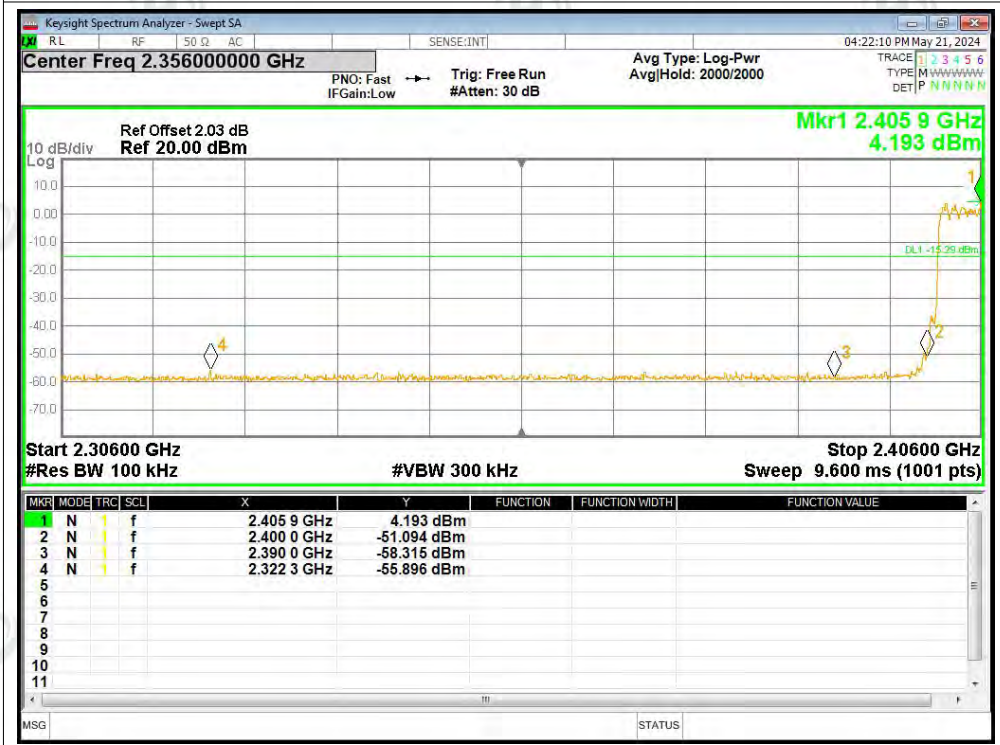


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Band Edge(Hopping) NVNT 2-DH5 2402MHz Ant1 Hopping Ref



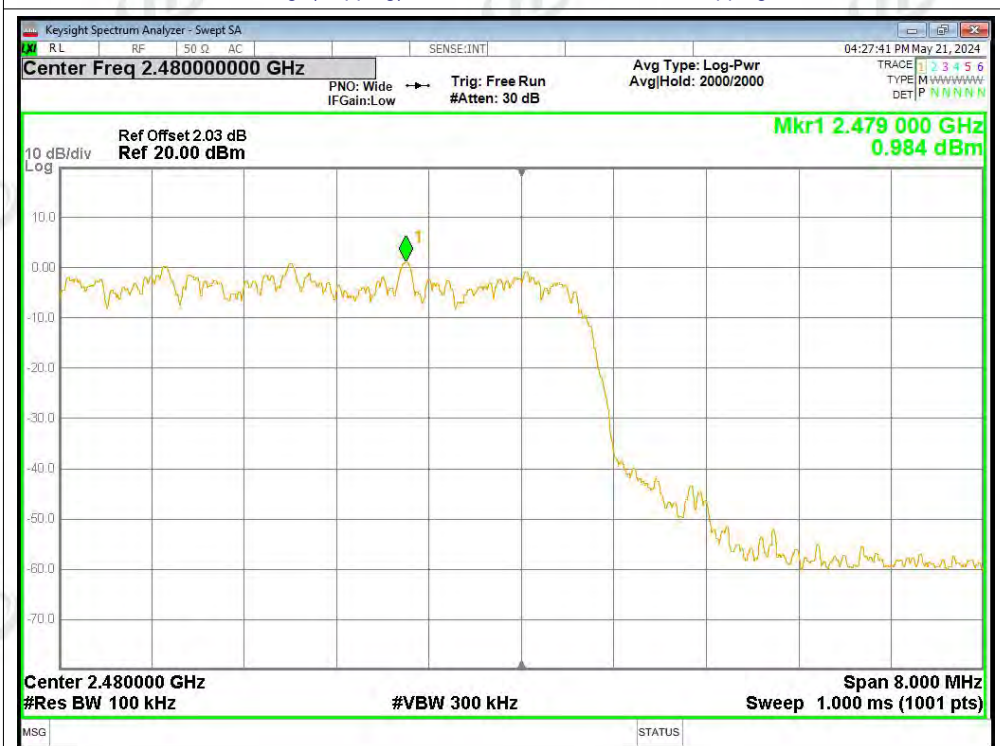
Band Edge(Hopping) NVNT 2-DH5 2402MHz Ant1 Hopping Emission





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



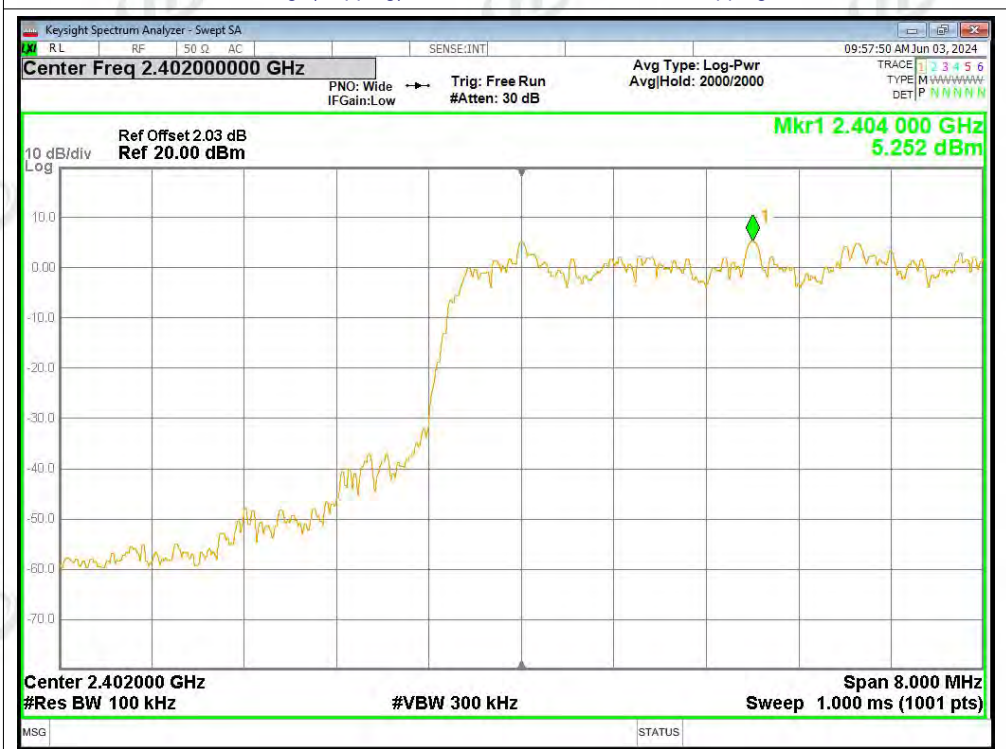
Band Edge(Hopping) NVNT 2-DH5 2480MHz Ant1 Hopping Emission



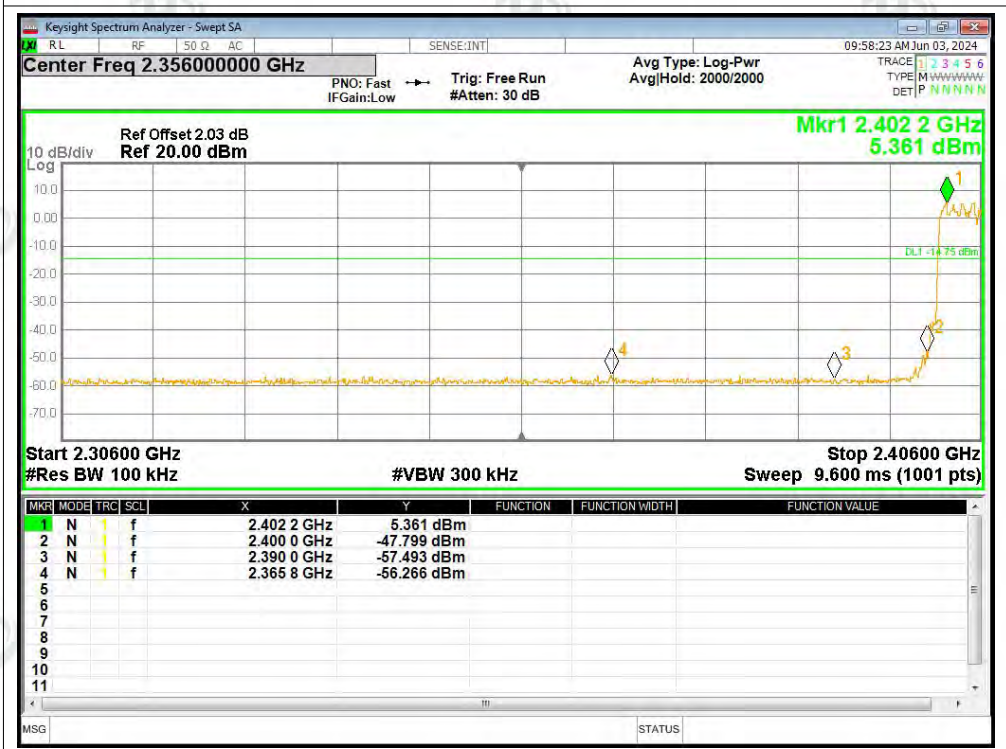


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Band Edge(Hopping) NVNT 3-DH5 2402MHz Ant1 Hopping Ref



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





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



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





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Conducted RF Spurious Emission

Condition	Mode	Frequency (MHz)	Antenna	Max Value (dBc)	Limit (dBc)	Verdict
NVNT	1-DH5	2402	Ant1	-28.81	-20	Pass
NVNT	1-DH5	2441	Ant1	-29.32	-20	Pass
NVNT	1-DH5	2480	Ant1	-26.28	-20	Pass
NVNT	2-DH5	2402	Ant1	-30.63	-20	Pass
NVNT	2-DH5	2441	Ant1	-29.71	-20	Pass
NVNT	2-DH5	2480	Ant1	-28.82	-20	Pass
NVNT	3-DH5	2402	Ant1	-39.93	-20	Pass
NVNT	3-DH5	2441	Ant1	-28.89	-20	Pass
NVNT	3-DH5	2480	Ant1	-32.21	-20	Pass



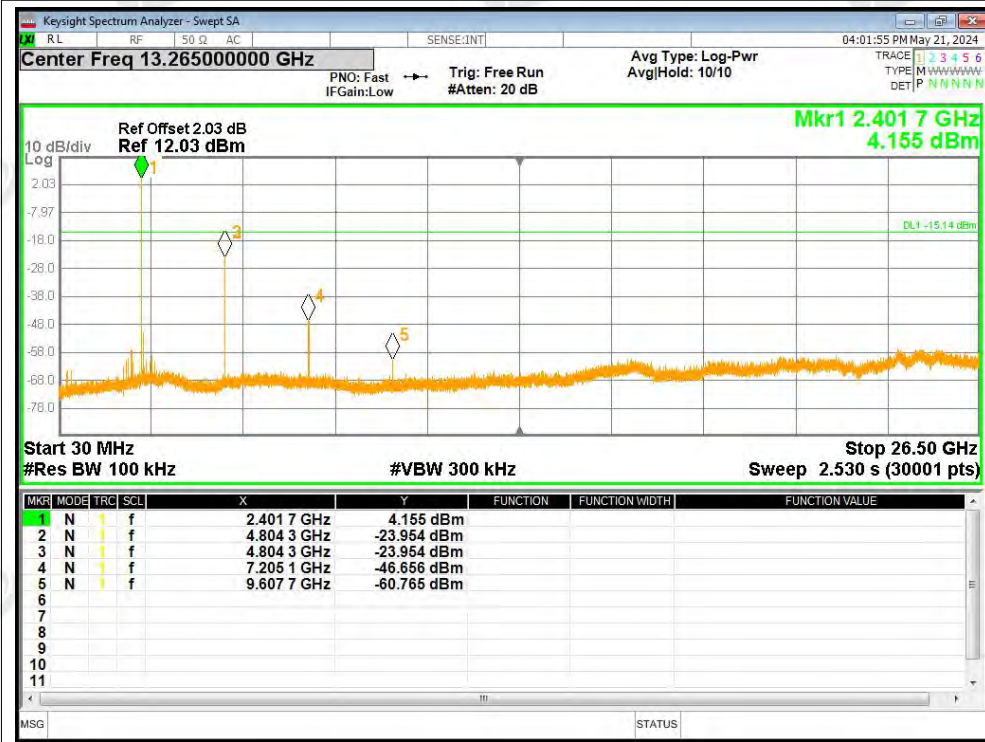
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Test Graphs

Tx. Spurious NVNT 1-DH5 2402MHz Ant1 Ref



Tx. Spurious NVNT 1-DH5 2402MHz Ant1 Emission



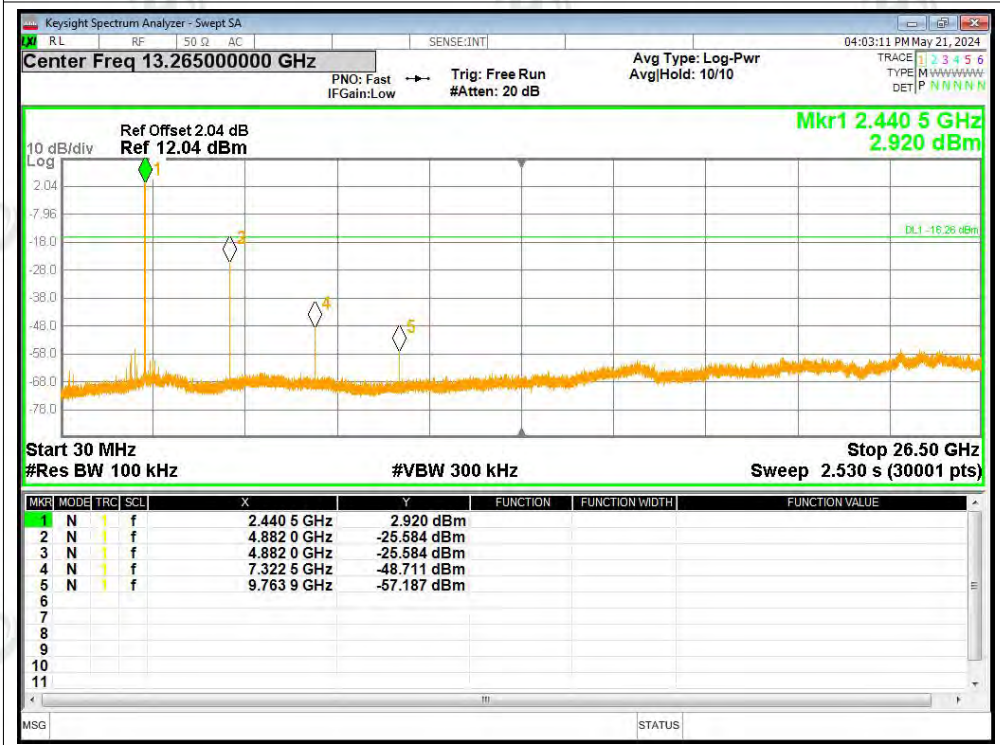


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Tx. Spurious NVNT 1-DH5 2441MHz Ant1 Ref



Tx. Spurious NVNT 1-DH5 2441MHz Ant1 Emission



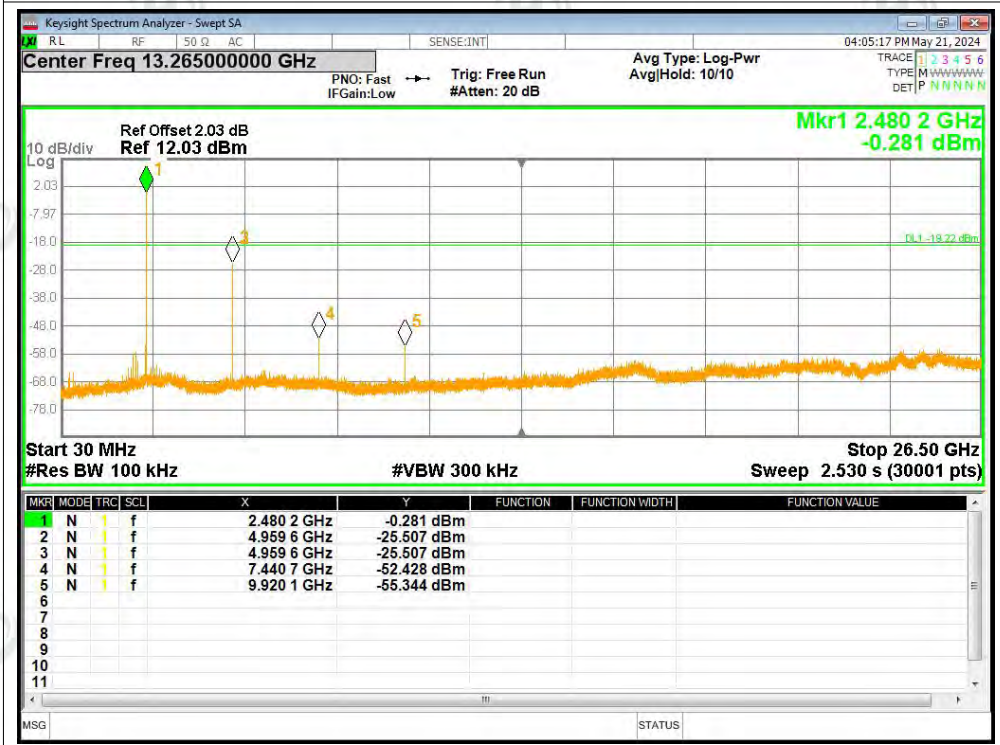


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Tx. Spurious NVNT 1-DH5 2480MHz Ant1 Ref



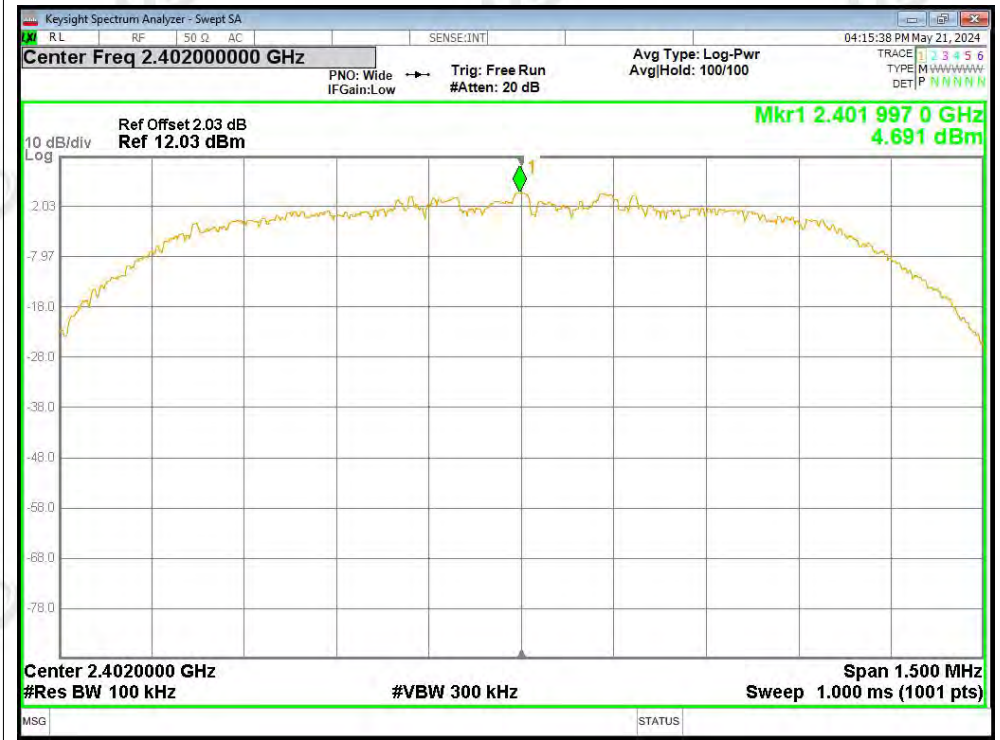
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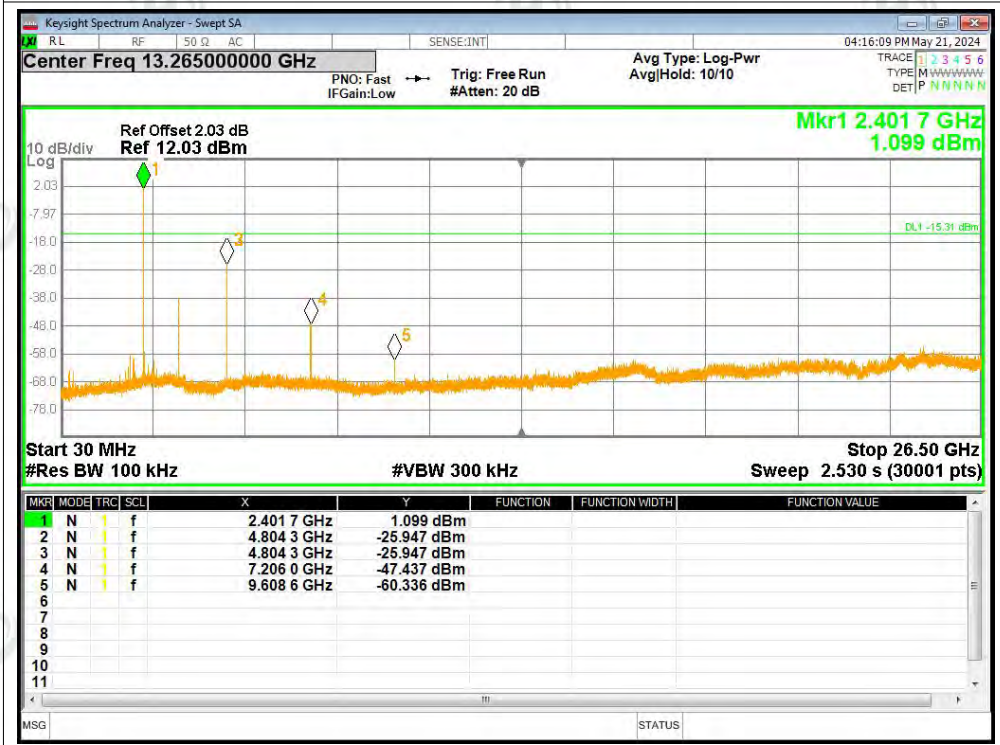


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Tx. Spurious NVNT 2-DH5 2402MHz Ant1 Ref



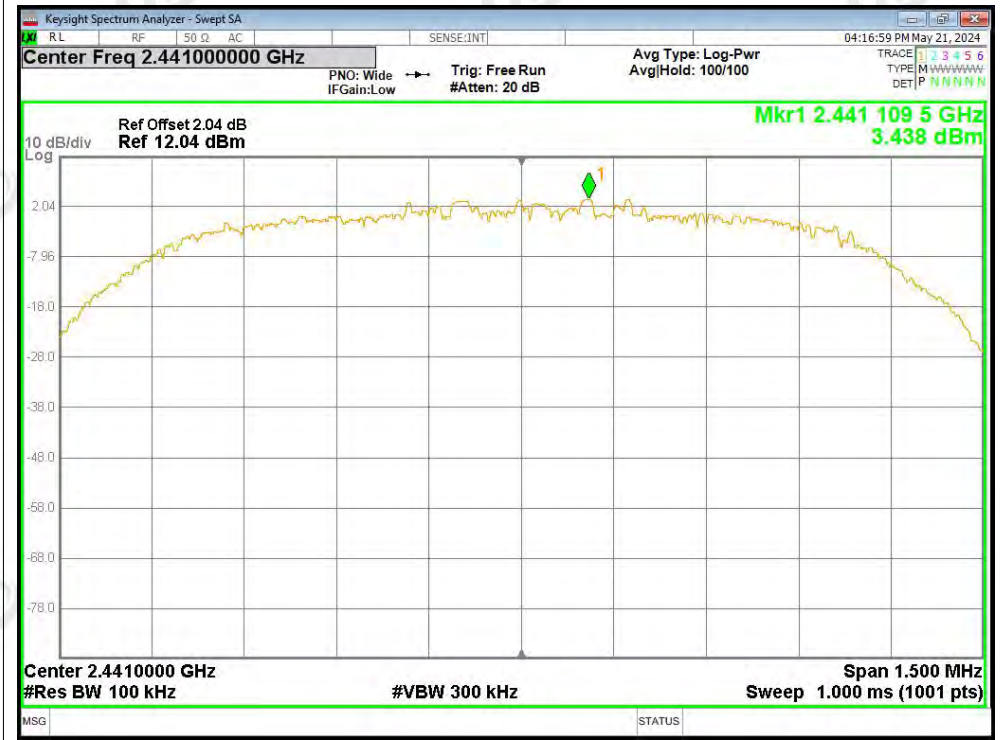
Tx. Spurious NVNT 2-DH5 2402MHz Ant1 Emission



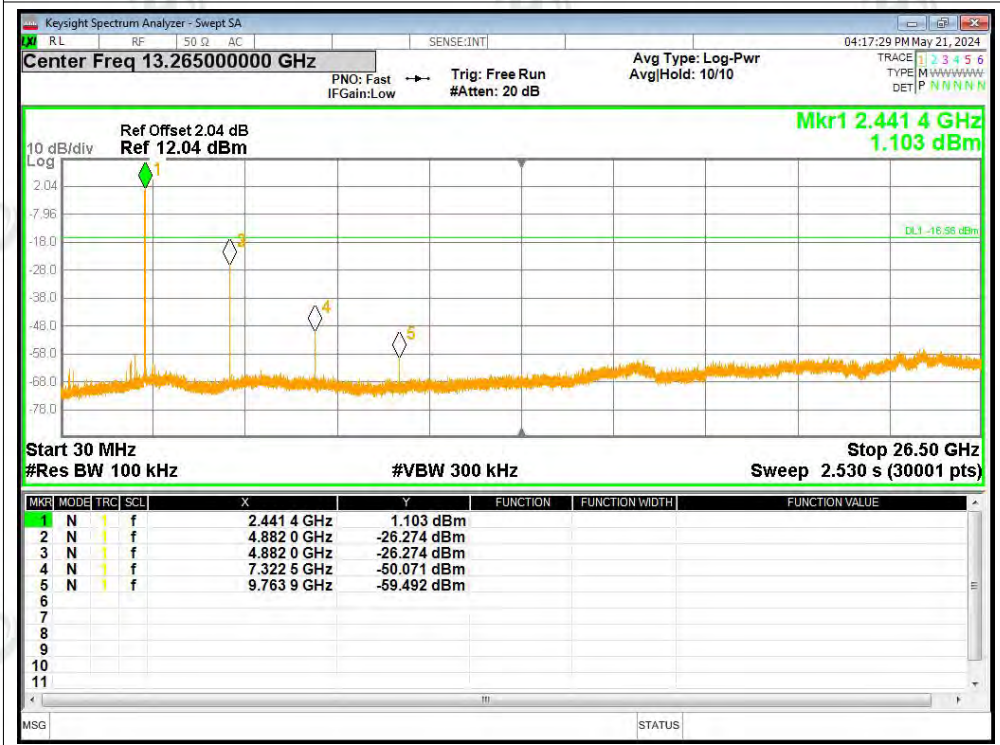


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Tx. Spurious NVNT 2-DH5 2441MHz Ant1 Ref



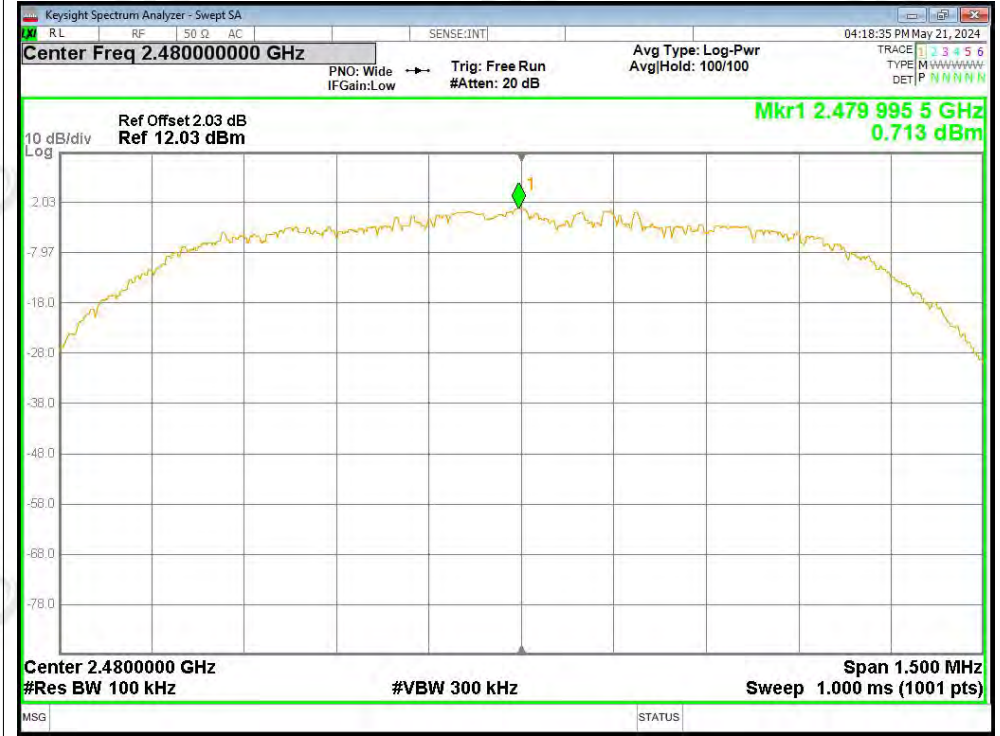
Tx. Spurious NVNT 2-DH5 2441MHz Ant1 Emission



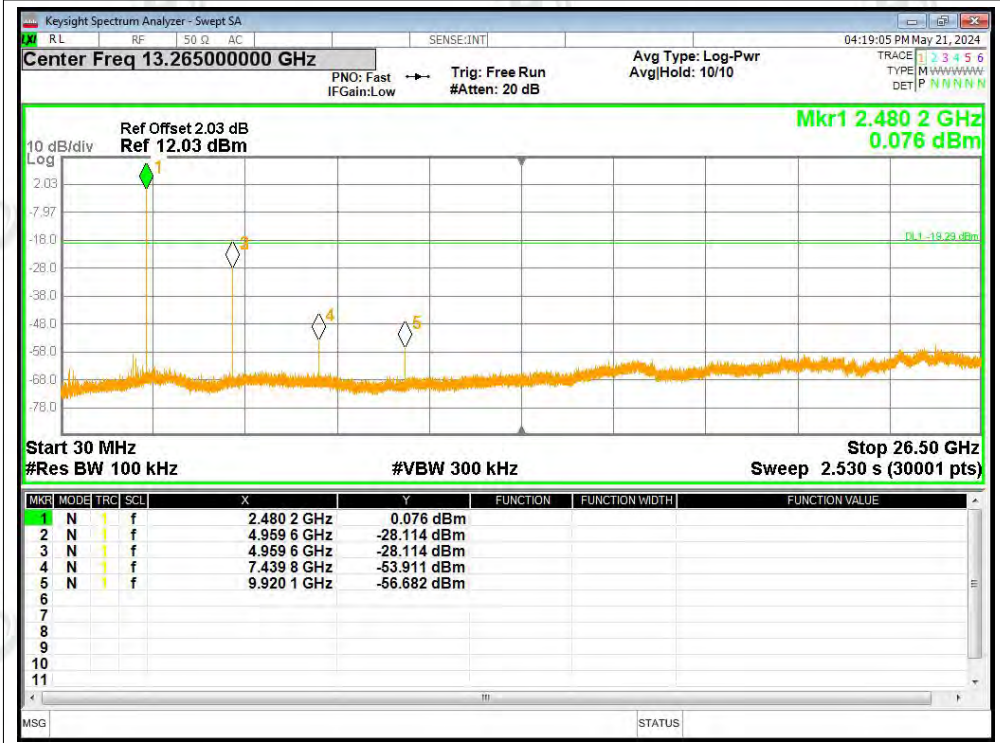


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Tx. Spurious NVNT 2-DH5 2480MHz Ant1 Ref



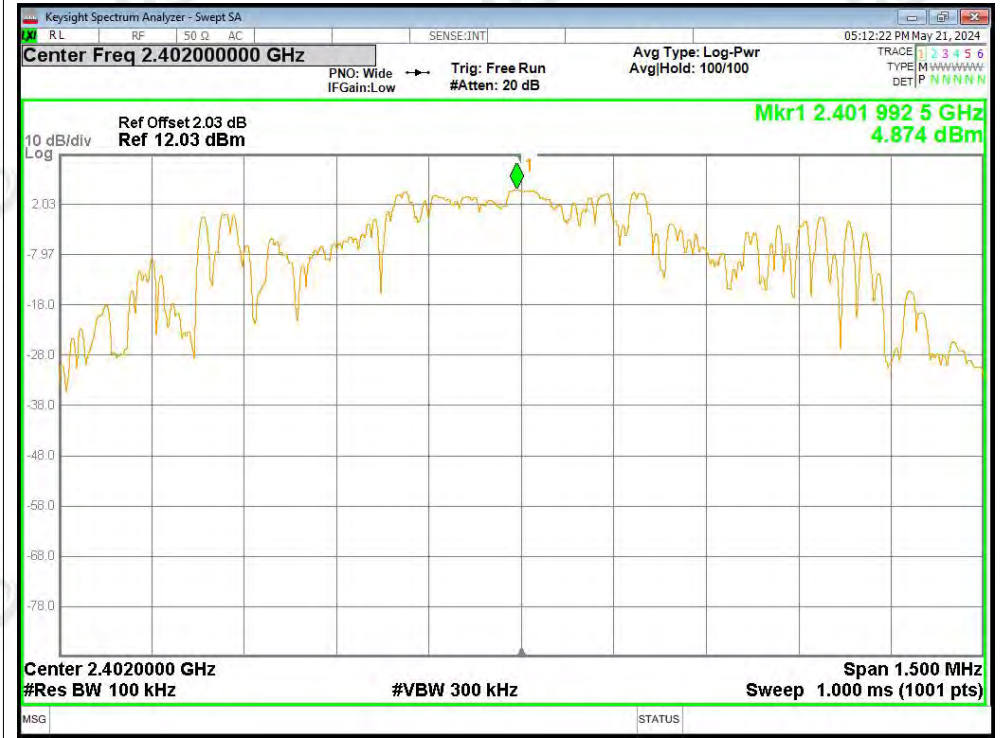
Tx. Spurious NVNT 2-DH5 2480MHz Ant1 Emission



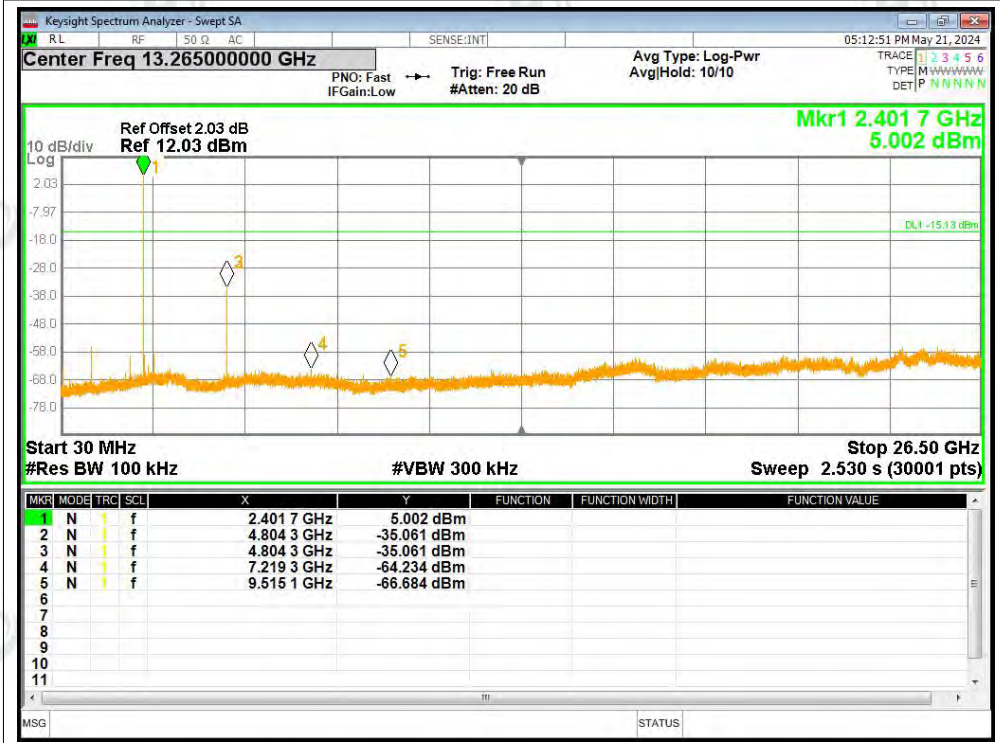


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Tx. Spurious NVNT 3-DH5 2402MHz Ant1 Ref



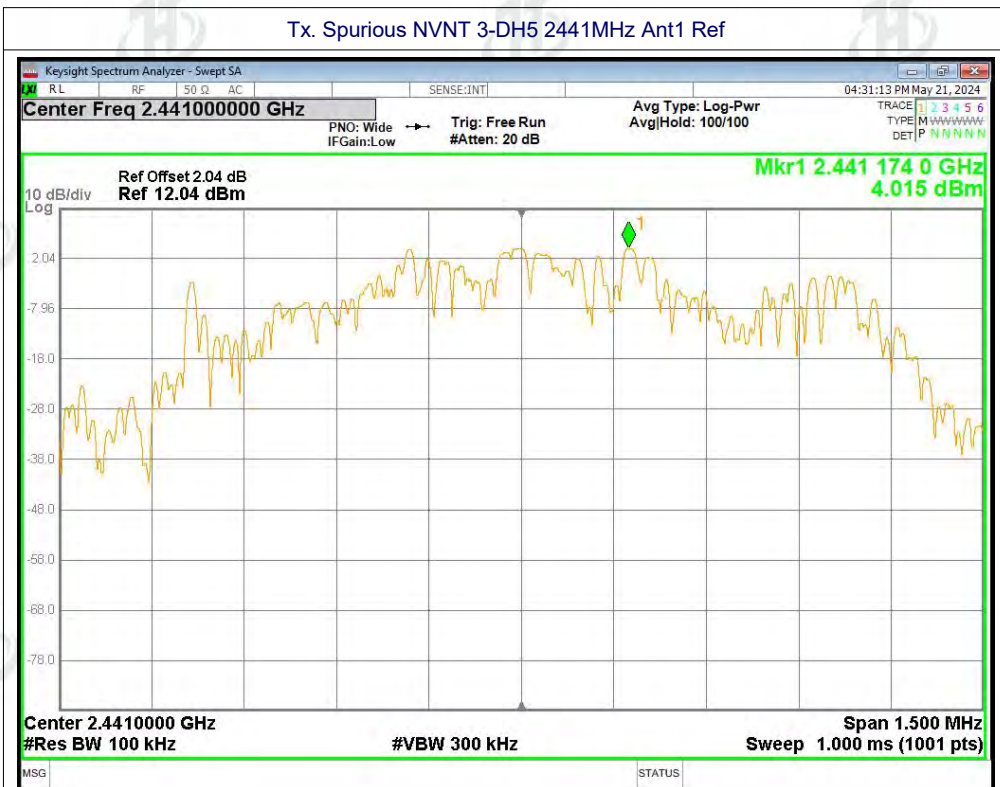
Tx. Spurious NVNT 3-DH5 2402MHz Ant1 Emission





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Tx. Spurious NVNT 3-DH5 2441MHz Ant1 Ref



Tx. Spurious NVNT 3-DH5 2441MHz Ant1 Emission





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Tx. Spurious NVNT 3-DH5 2480MHz Ant1 Ref



Tx. Spurious NVNT 3-DH5 2480MHz Ant1 Emission

