



Appendix A

RF Test Data for BT (Conducted Measurement)

Product Name: CRICKET SPEAKER

Test Model: CRICKET SPEAKER

Environmental Conditions

Temperature:	23.5 ° C
Relative Humidity:	52.2%
ATM Pressure:	100.0 kPa
Test Engineer:	Kay Hu
Supervised by:	Li huan





A.1 20dB Bandwidth

Condition	Mode	Frequency (MHz)	Antenna	20 dB Bandwidth (MHz)	Limit 20 dB Bandwidth (MHz)	Verdict
NVNT	1-DH5	2402	Ant1	0.955	---	Pass
NVNT	1-DH5	2441	Ant1	1.028	---	Pass
NVNT	1-DH5	2480	Ant1	0.983	---	Pass
NVNT	2-DH5	2402	Ant1	1.288	---	Pass
NVNT	2-DH5	2441	Ant1	1.285	---	Pass
NVNT	2-DH5	2480	Ant1	1.322	---	Pass



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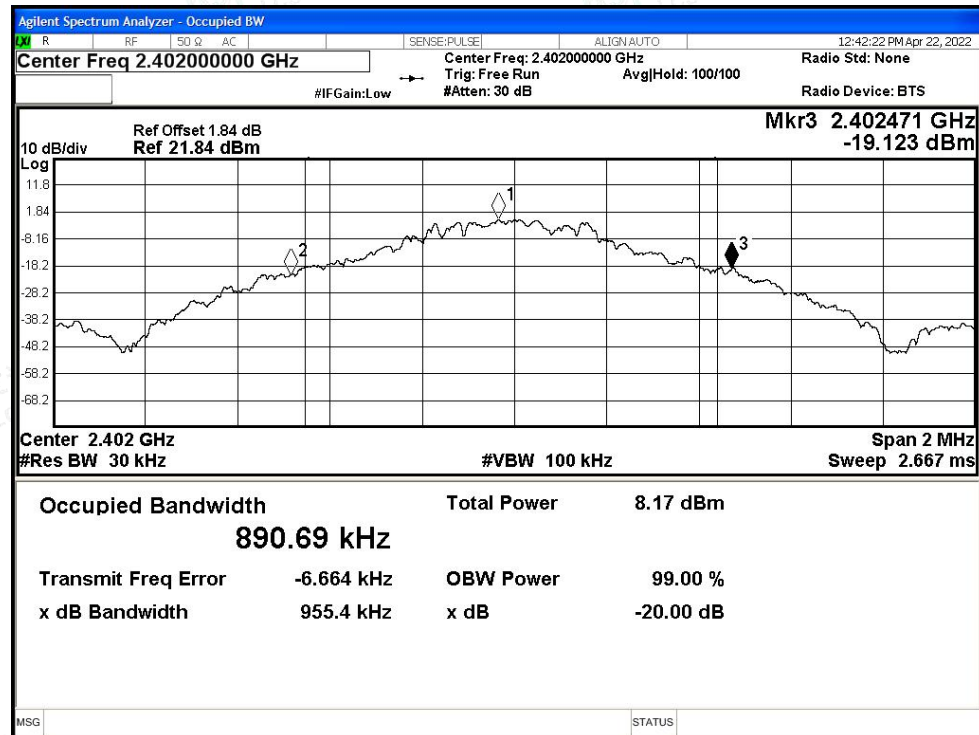
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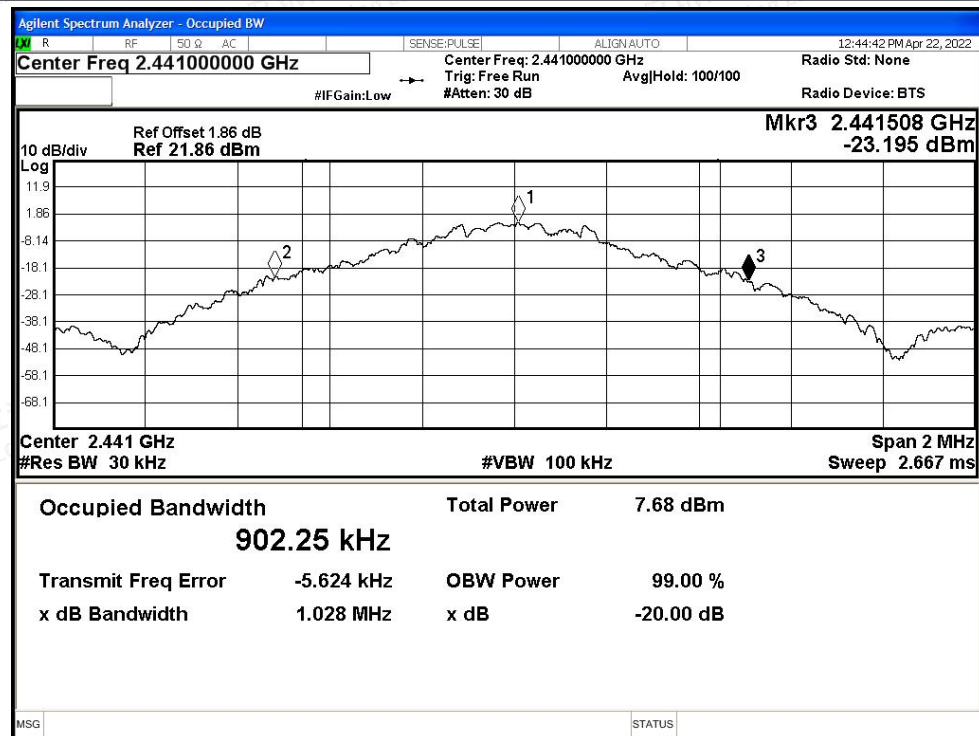


Test Graphs

20dB Bandwidth NVNT 1-DH5 2402MHz Ant1



20dB Bandwidth NVNT 1-DH5 2441MHz Ant1



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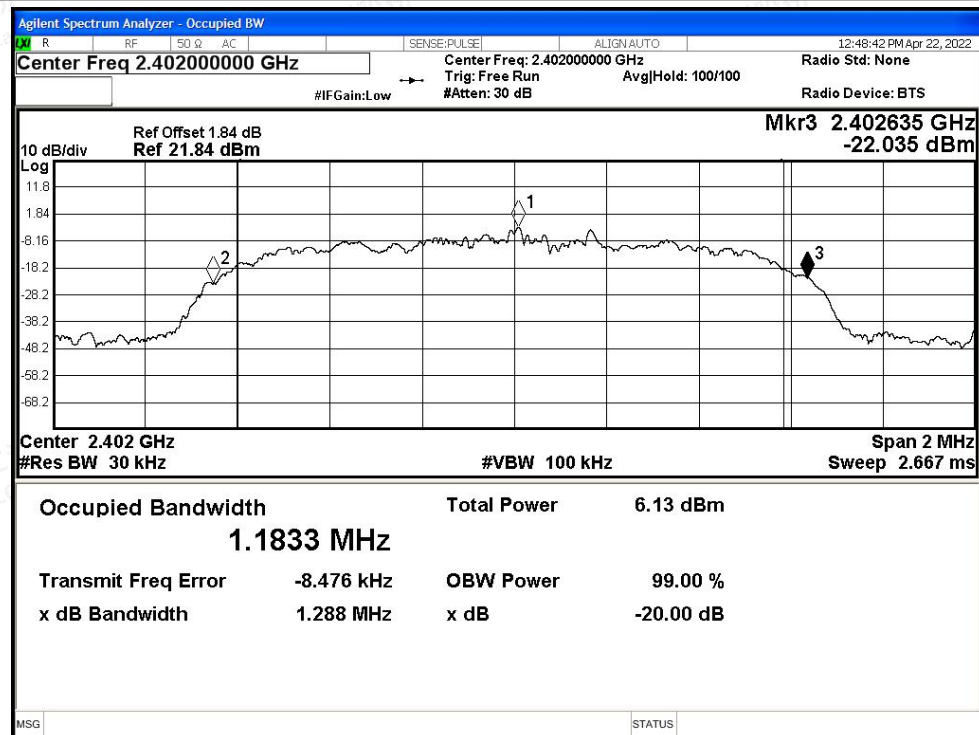
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20dB Bandwidth NVNT 1-DH5 2480MHz Ant1



20dB Bandwidth NVNT 2-DH5 2402MHz Ant1



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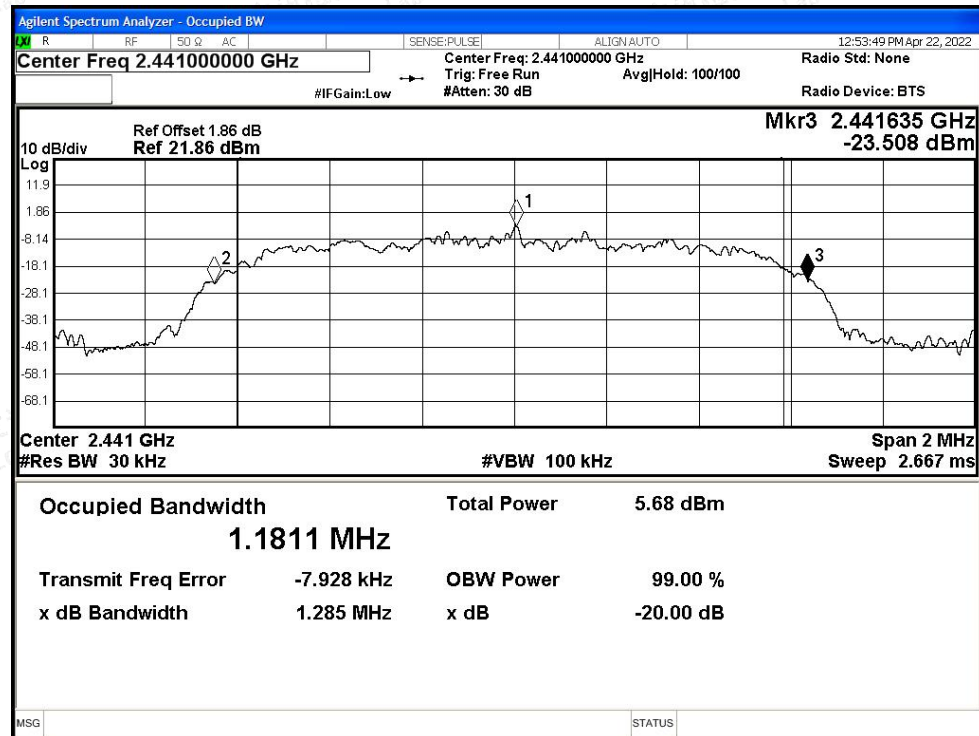
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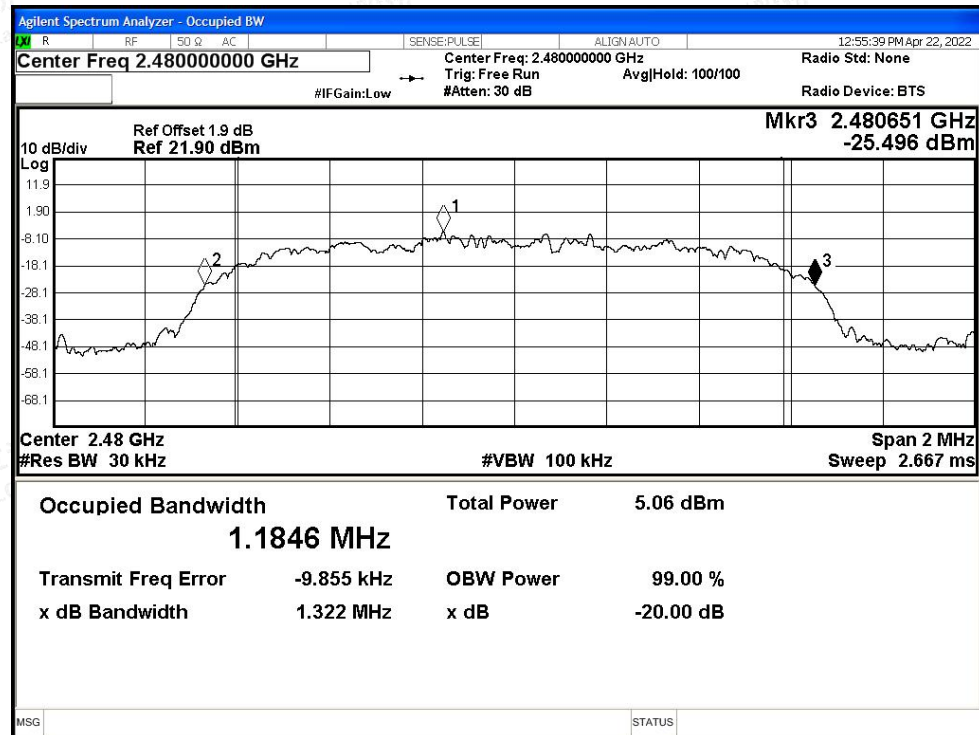
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20dB Bandwidth NVNT 2-DH5 2441MHz Ant1



20dB Bandwidth NVNT 2-DH5 2480MHz Ant1



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A.2 Maximum Conducted Output Power

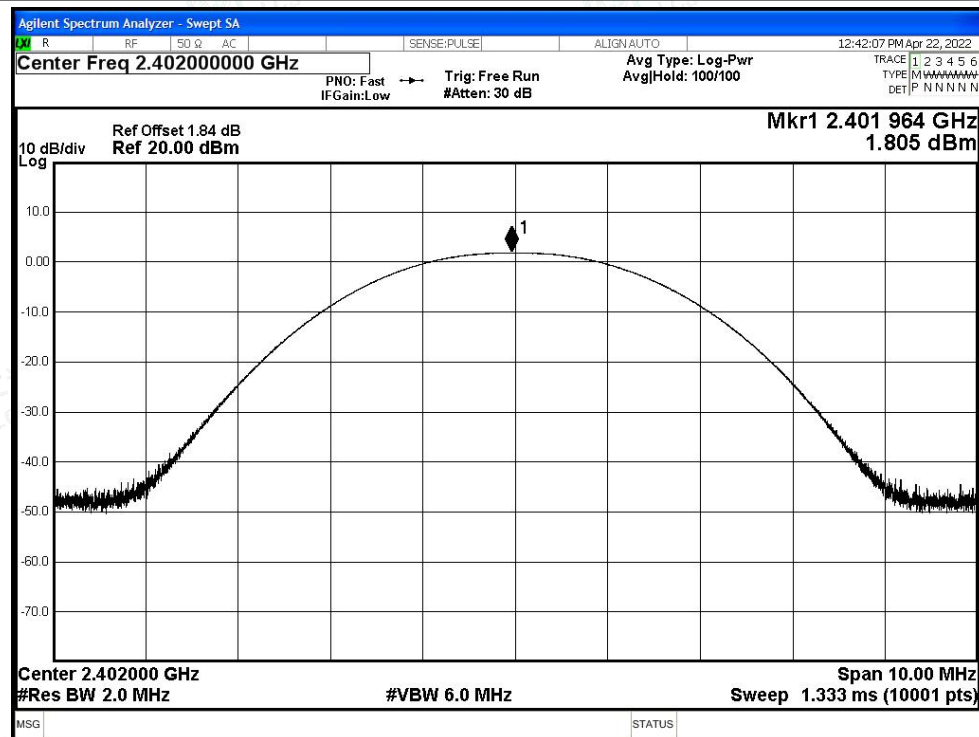
Condition	Mode	Frequency (MHz)	Antenna	Total Power (dBm)	Limit (dBm)	Verdict
NVNT	1-DH5	2402	Ant1	1.81	20.97	Pass
NVNT	1-DH5	2441	Ant1	1.5	20.97	Pass
NVNT	1-DH5	2480	Ant1	1.07	20.97	Pass
NVNT	2-DH5	2402	Ant1	1.57	20.97	Pass
NVNT	2-DH5	2441	Ant1	1.52	20.97	Pass
NVNT	2-DH5	2480	Ant1	0.99	20.97	Pass



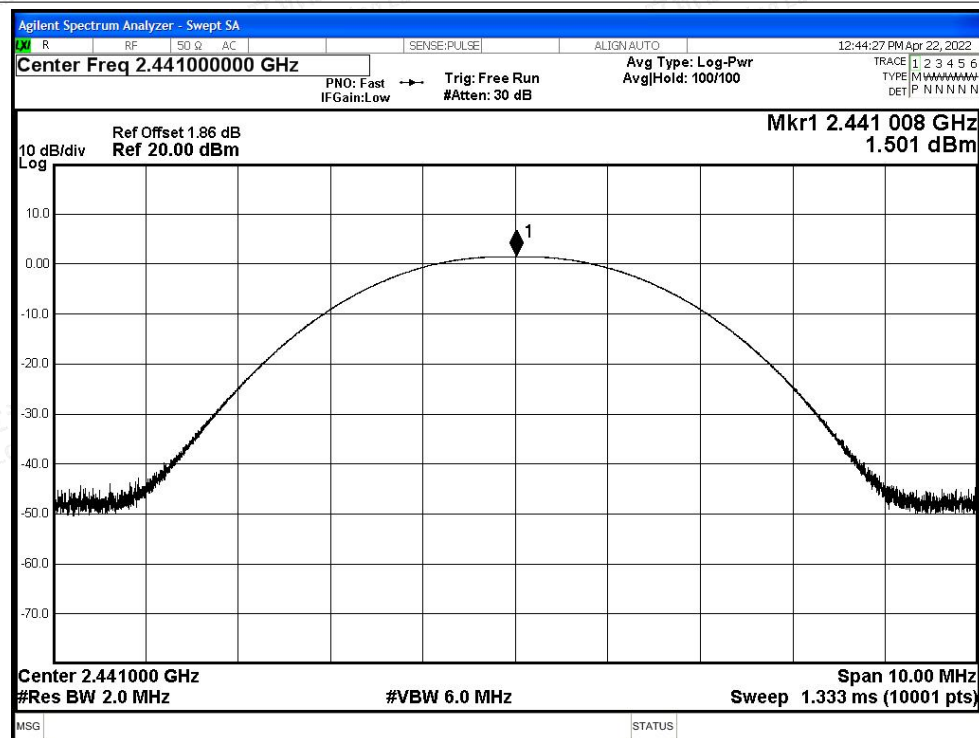


Test Graphs

Power NVNT 1-DH5 2402MHz Ant1



Power NVNT 1-DH5 2441MHz Ant1



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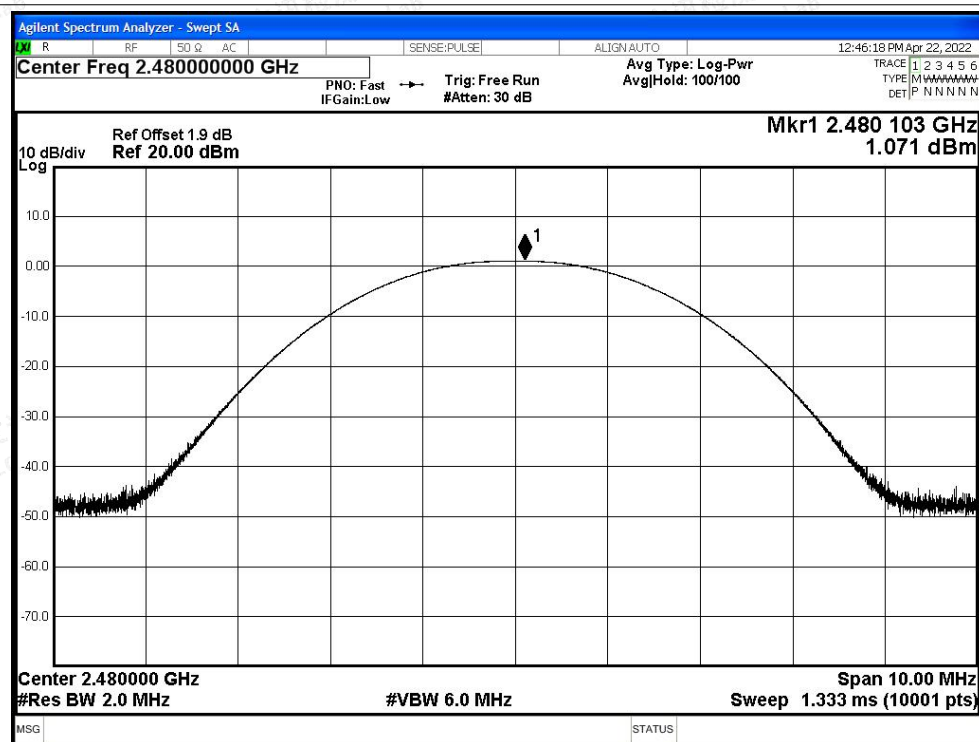
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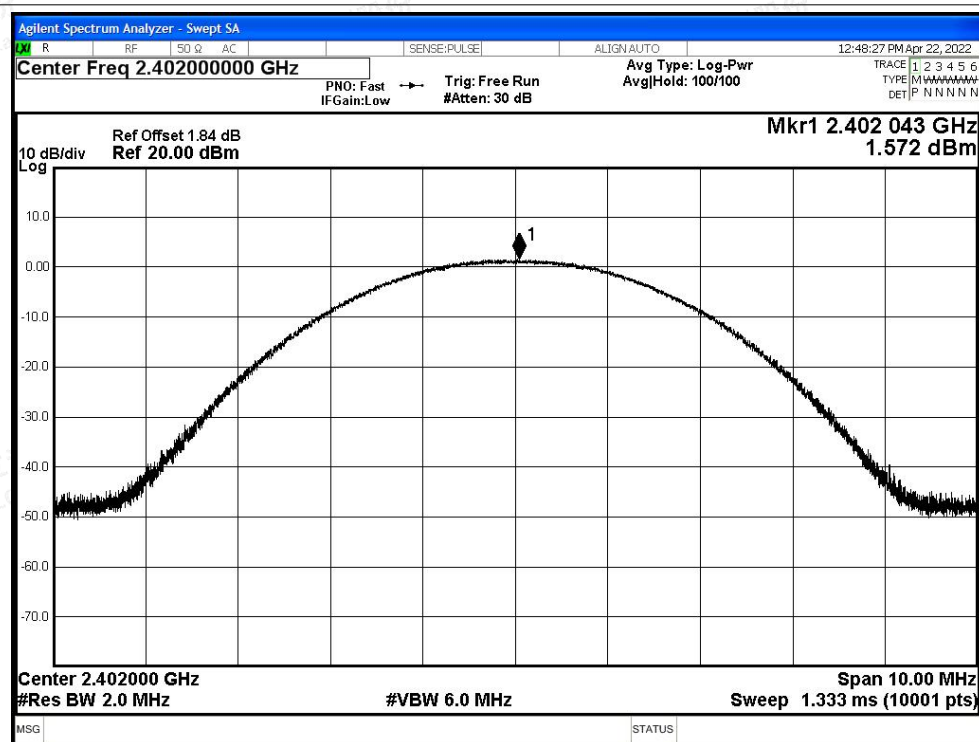
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Power NVNT 1-DH5 2480MHz Ant1



Power NVNT 2-DH5 2402MHz Ant1

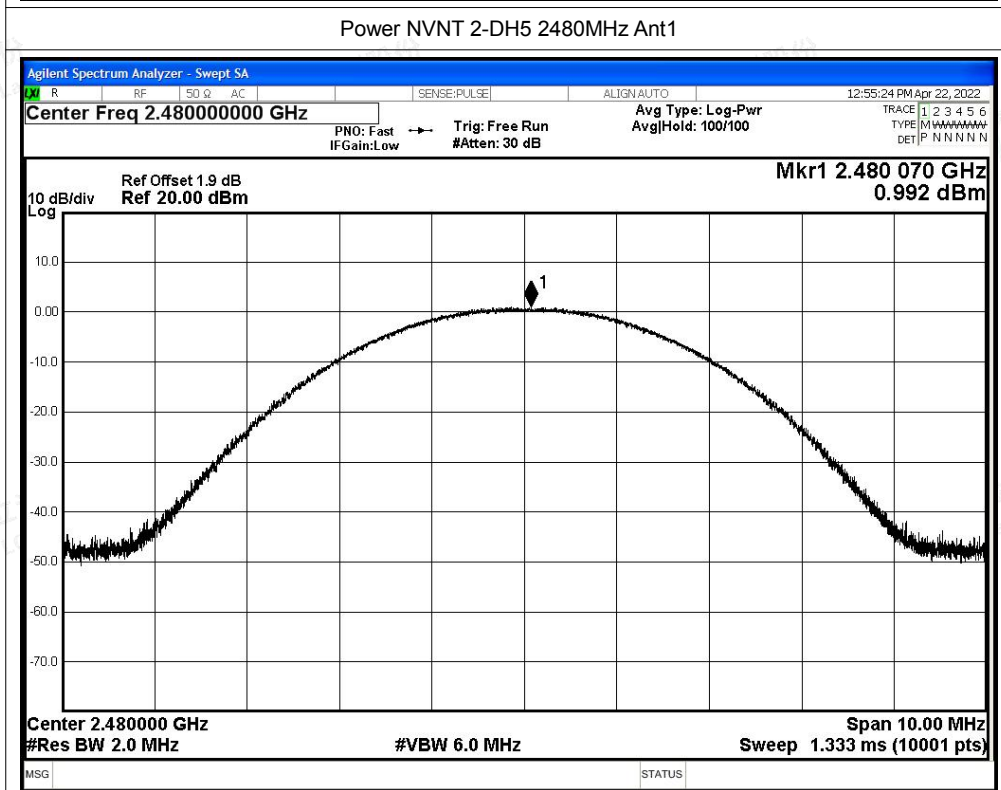
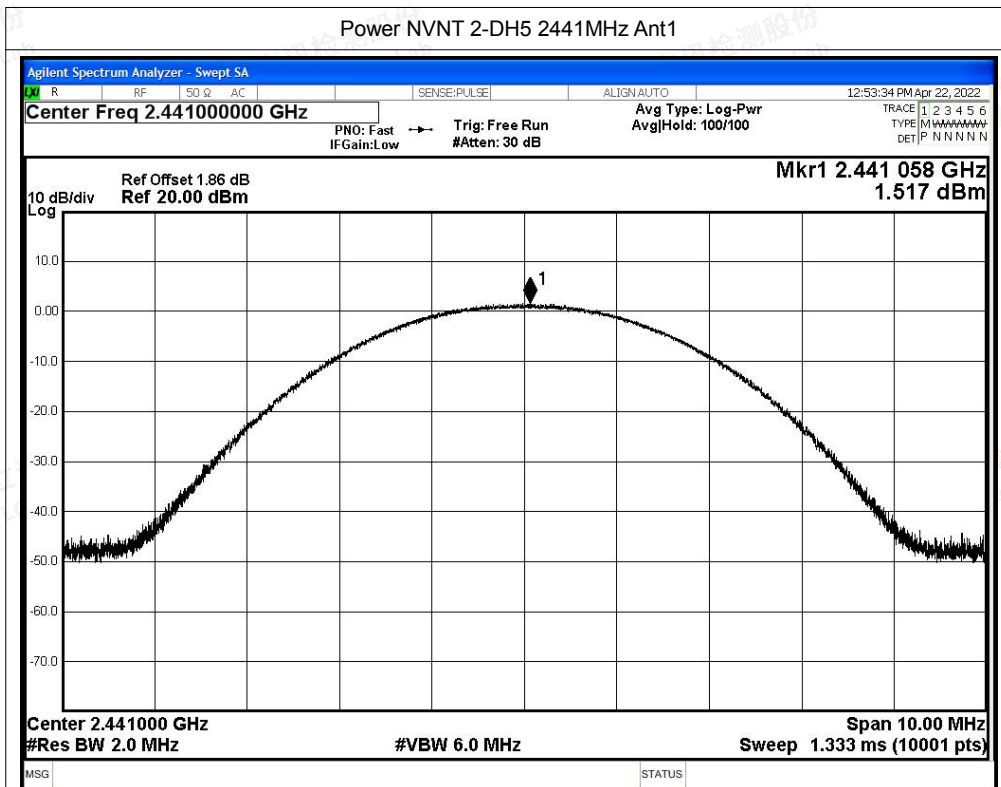


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A.3 Carrier Frequencies Separation

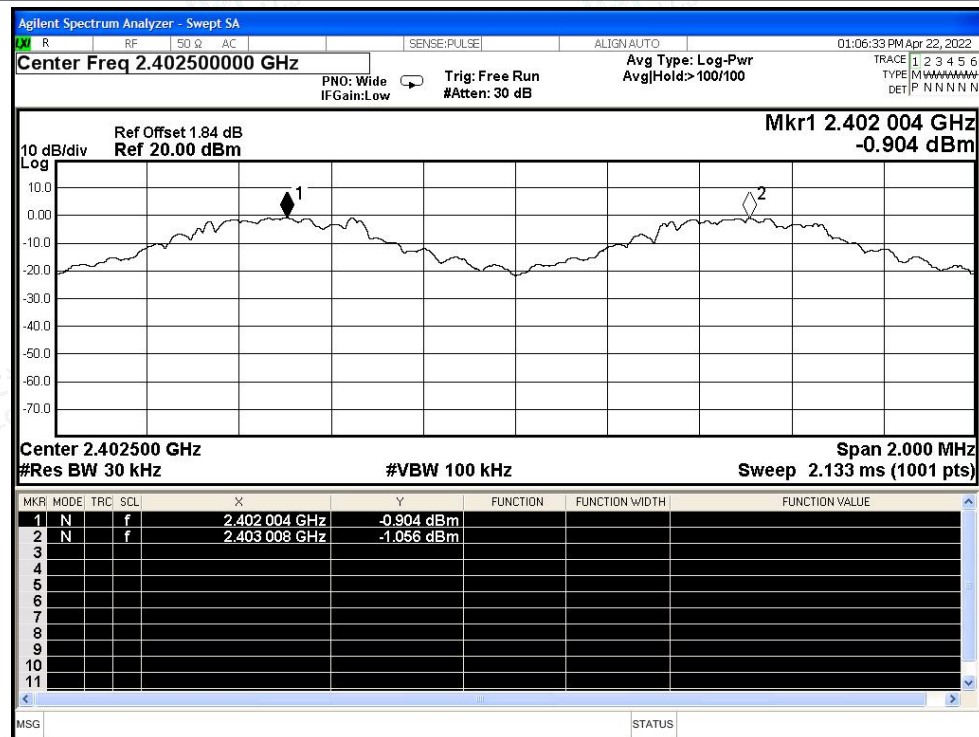
Condition	Mode	Antenna	Hopping Freq1 (MHz)	Hopping Freq2 (MHz)	HFS (MHz)	Limit (MHz)	Verdict
NVNT	1-DH5	Ant1	2402.004	2403.008	1.004	0.637	Pass
NVNT	2-DH5	Ant1	2401.83	2403.02	1.19	0.859	Pass



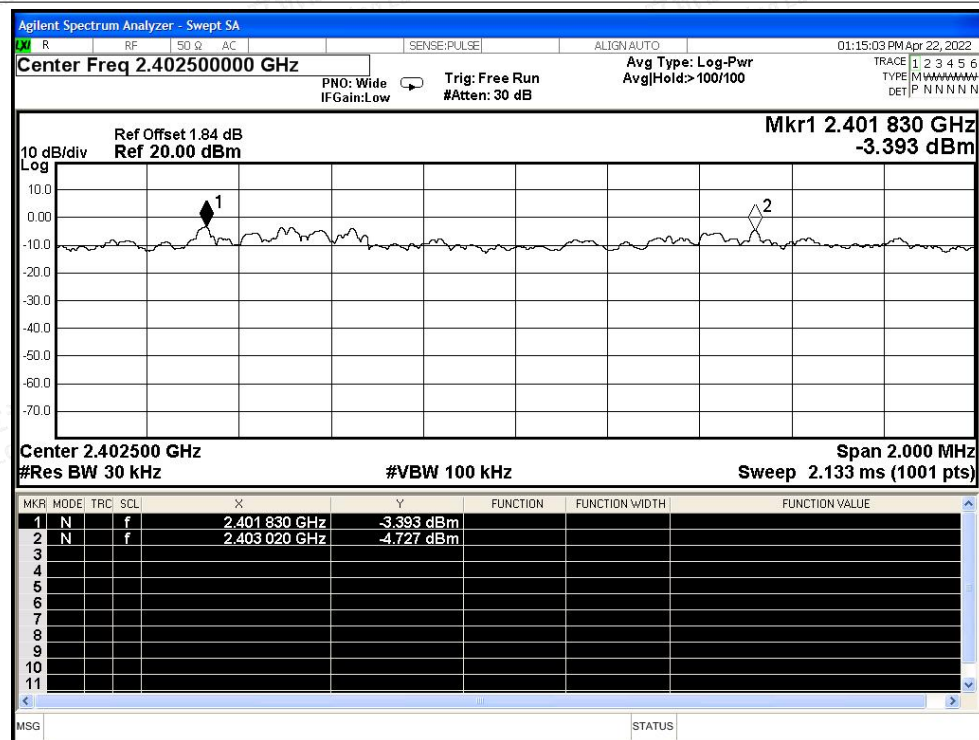


Test Graphs

CFS NVNT 1-DH5 2402MHz Ant1



CFS NVNT 2-DH5 2402MHz Ant1



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A.4 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	2.882	285.318	99	31600	400	Pass
NVNT	1-DH5	2441	Ant1	2.882	308.374	107	31600	400	Pass
NVNT	1-DH5	2480	Ant1	2.882	311.256	108	31600	400	Pass
NVNT	2-DH5	2402	Ant1	2.88	296.64	103	31600	400	Pass
NVNT	2-DH5	2441	Ant1	2.88	308.16	107	31600	400	Pass
NVNT	2-DH5	2480	Ant1	2.885	276.96	96	31600	400	Pass



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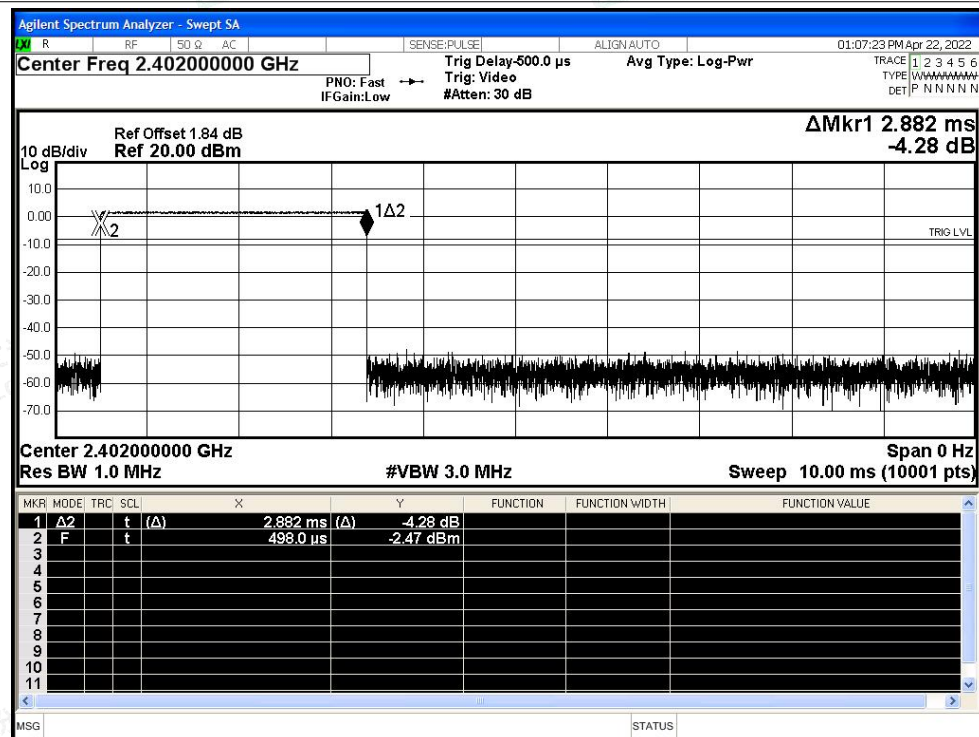
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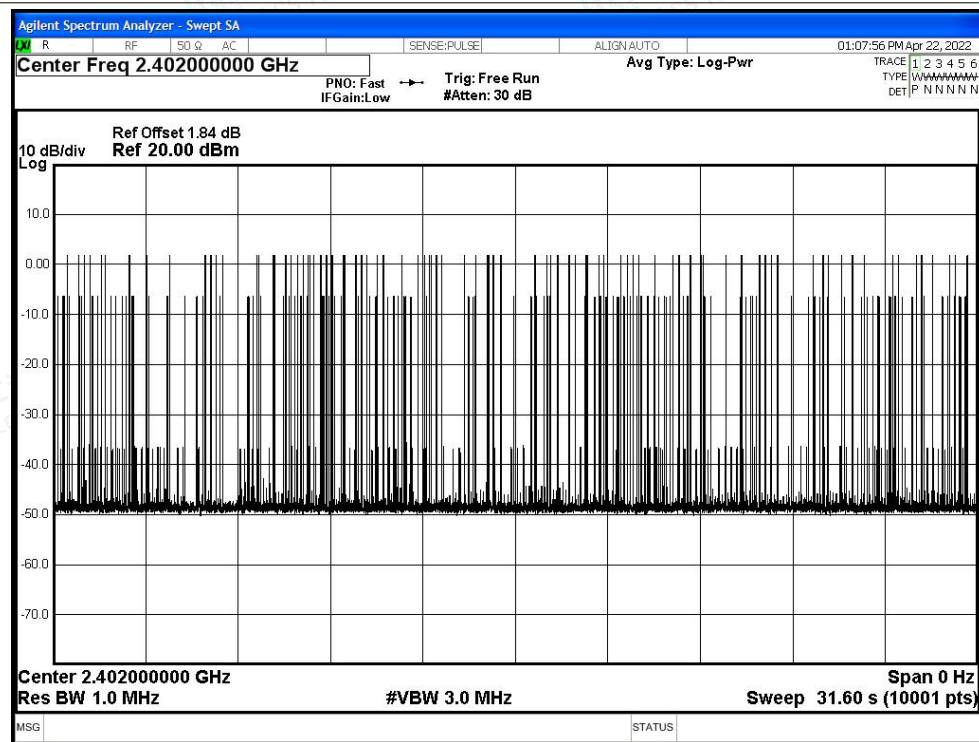
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Test Graphs

Dwell NVNT 1-DH5 2402MHz Ant1 One Burst



Dwell NVNT 1-DH5 2402MHz Ant1 Accumulated



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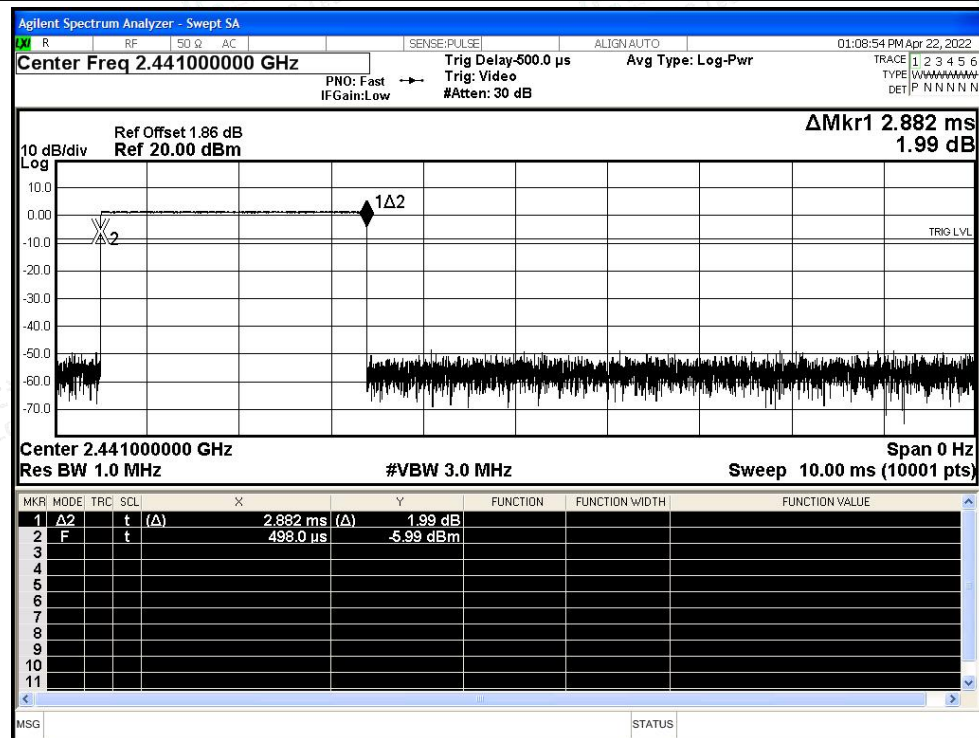
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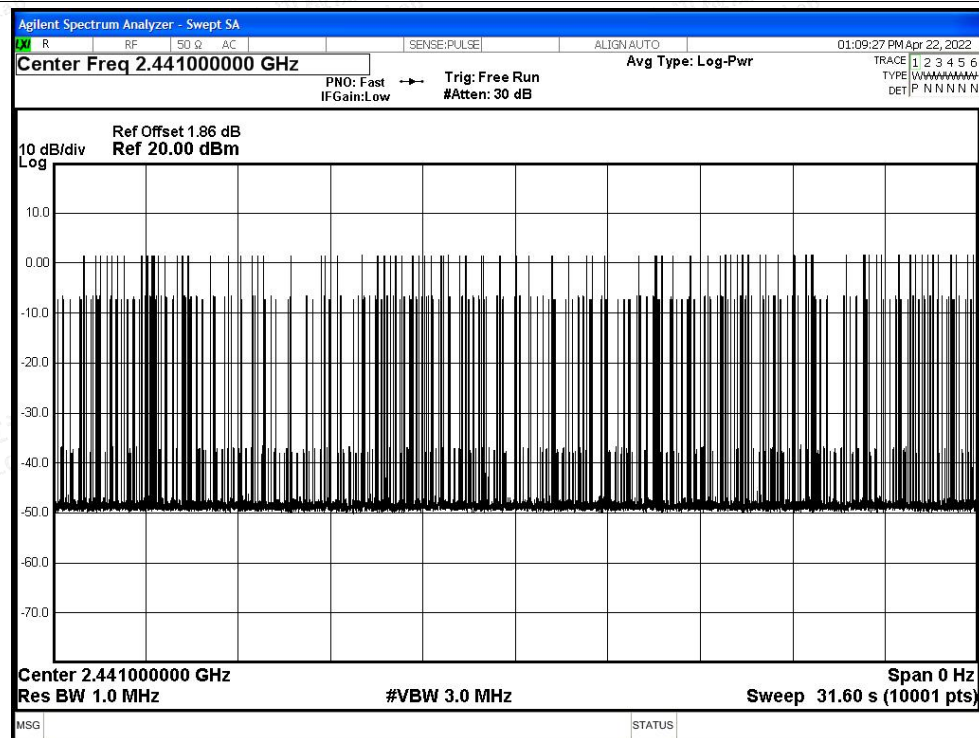


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Dwell NVNT 1-DH5 2441MHz Ant1 One Burst



Dwell NVNT 1-DH5 2441MHz Ant1 Accumulated



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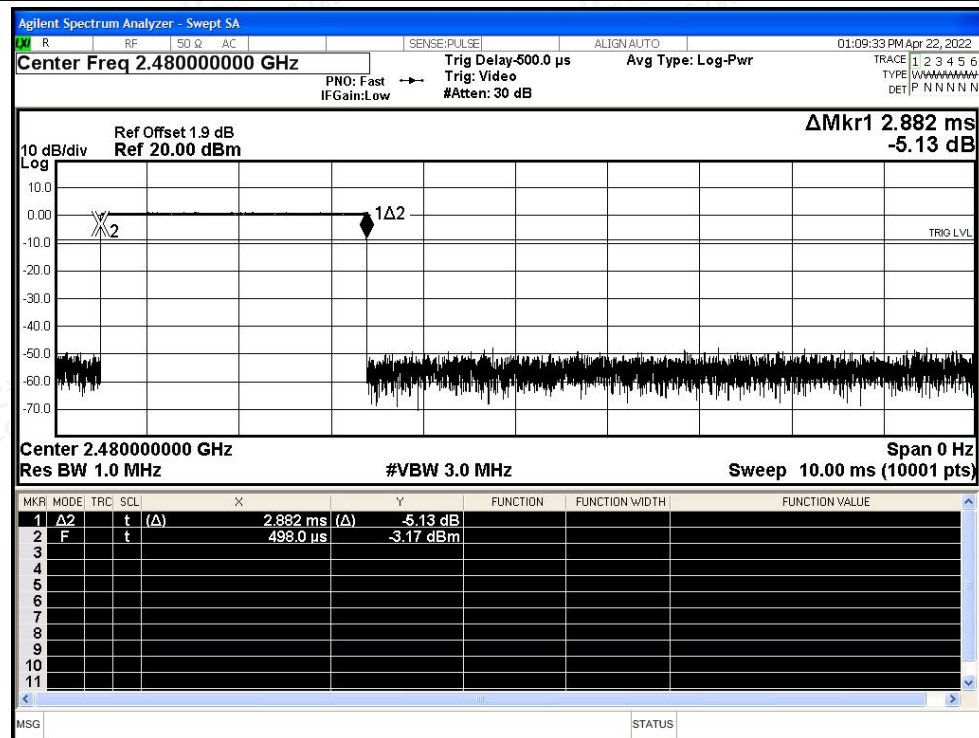
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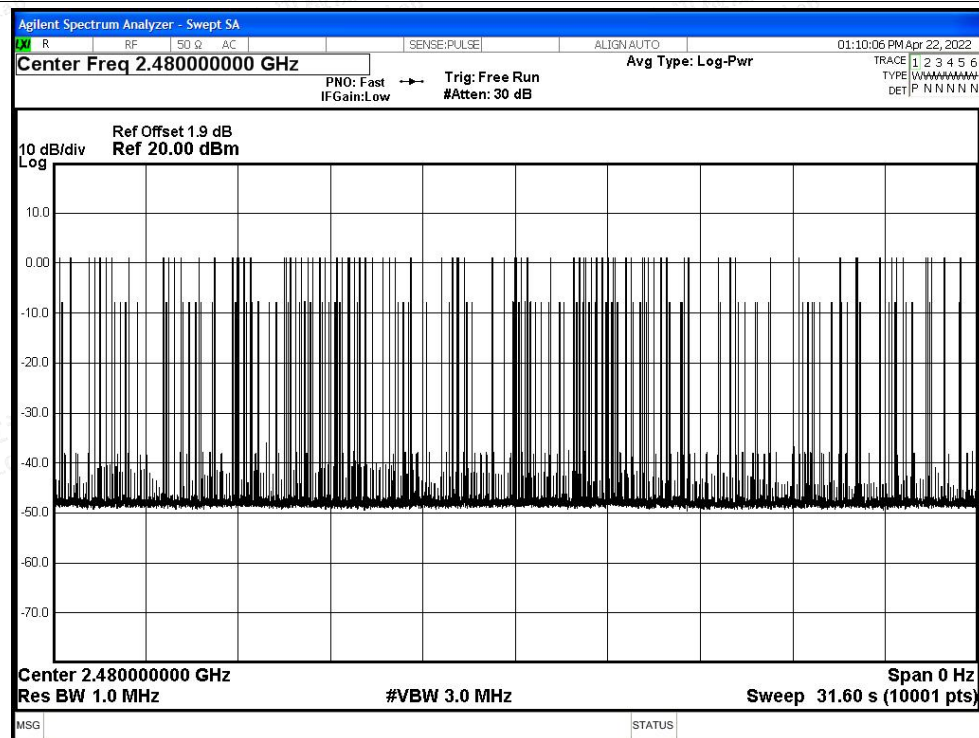


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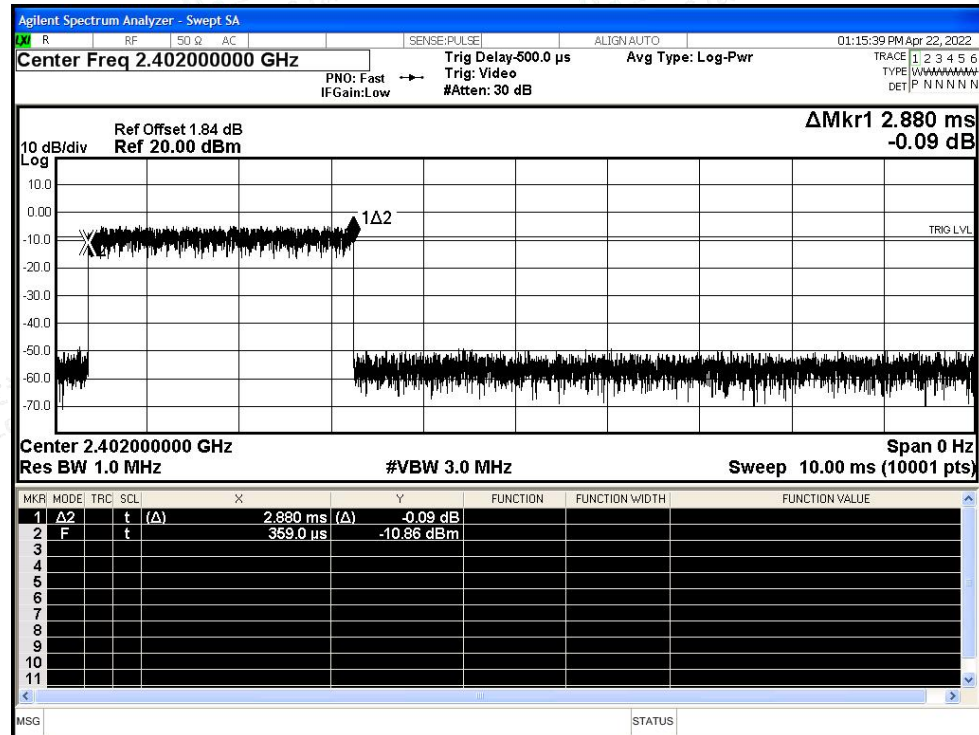
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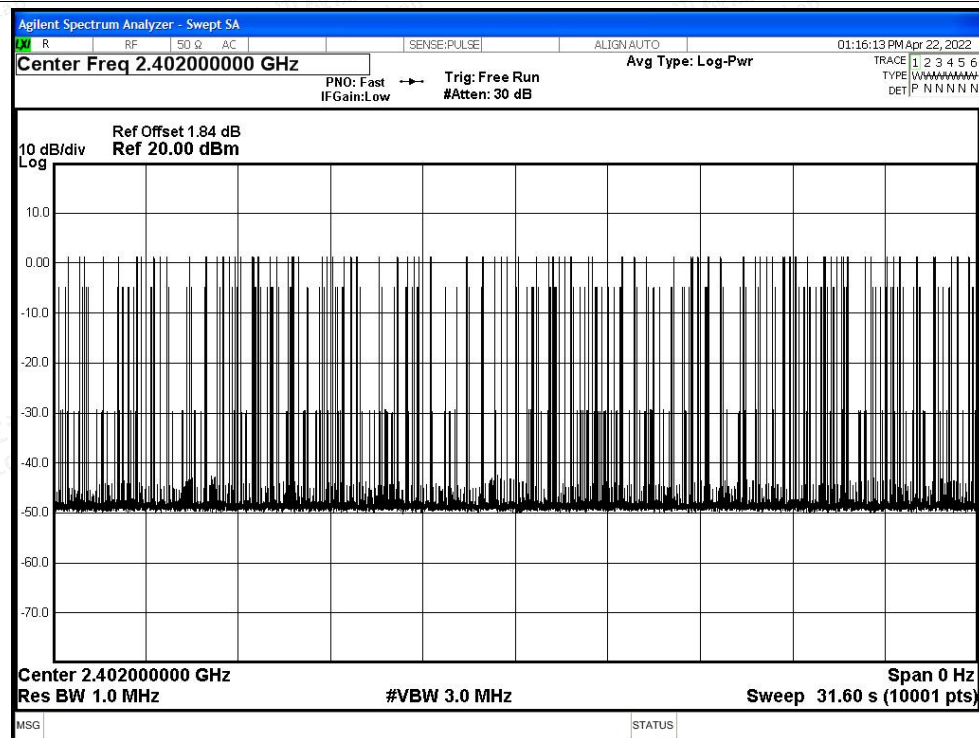


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Dwell NVNT 2-DH5 2402MHz Ant1 One Burst



Dwell NVNT 2-DH5 2402MHz Ant1 Accumulated



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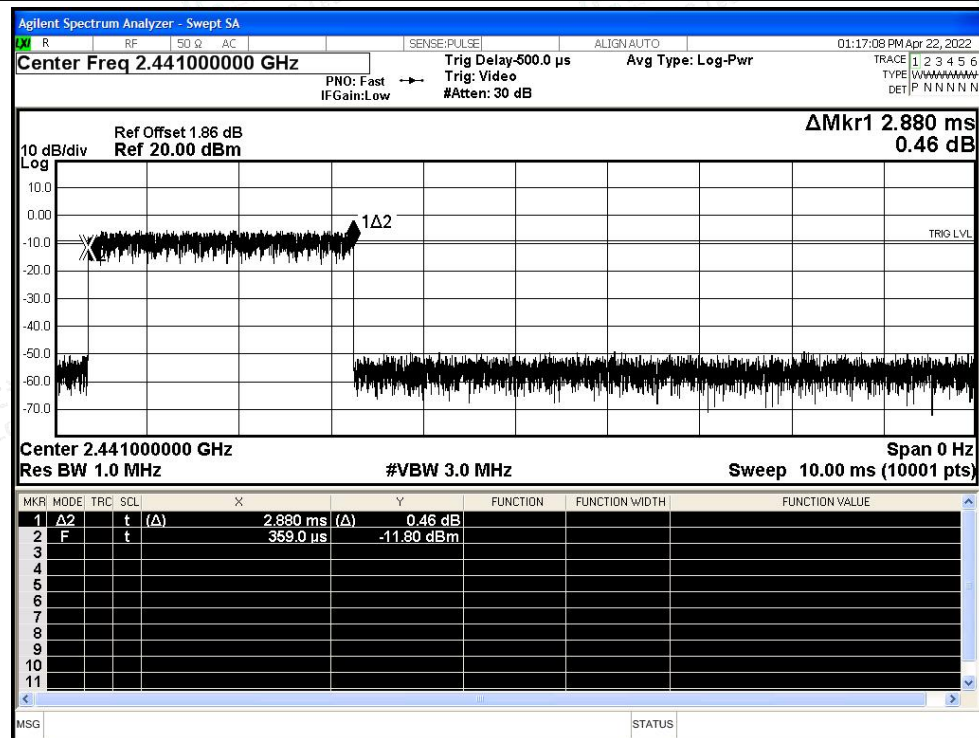
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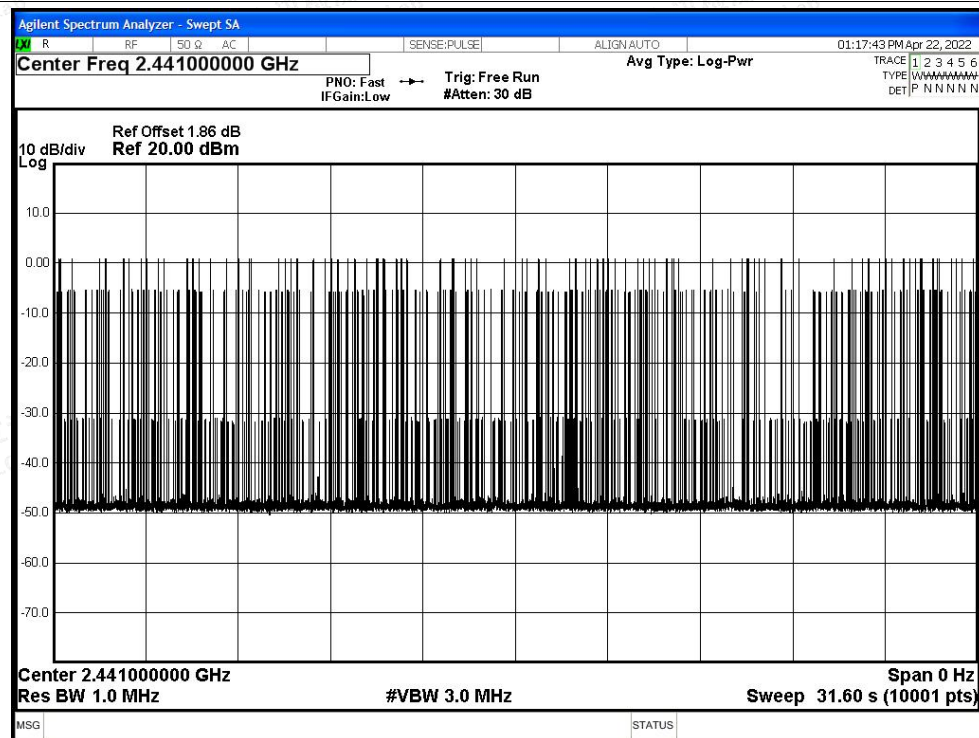


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Dwell NVNT 2-DH5 2441MHz Ant1 One Burst



Dwell NVNT 2-DH5 2441MHz Ant1 Accumulated



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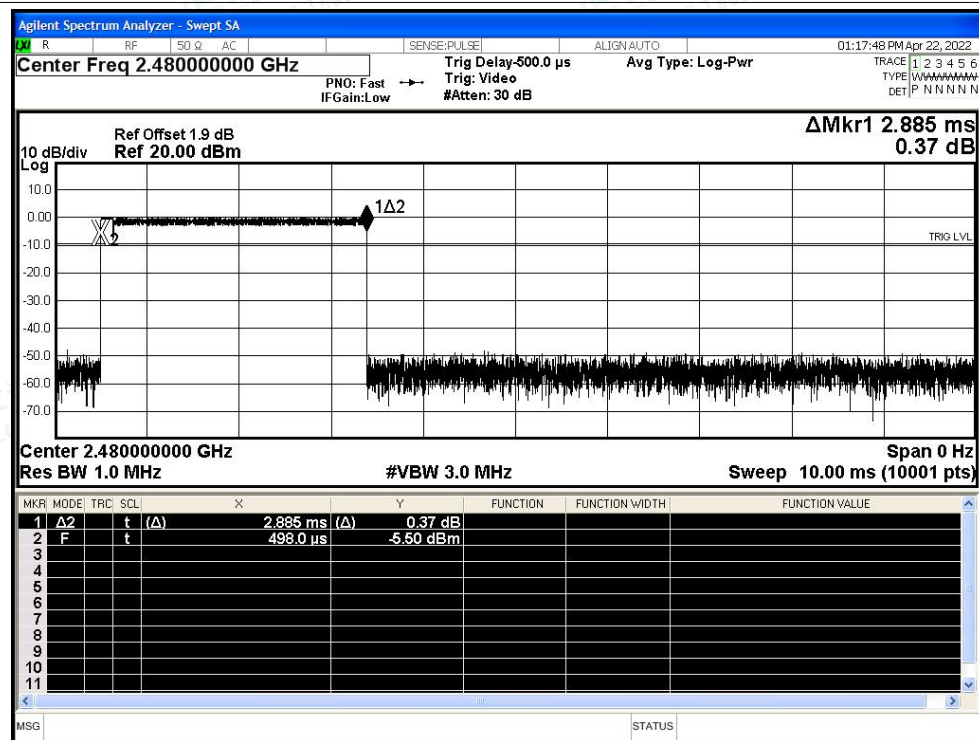
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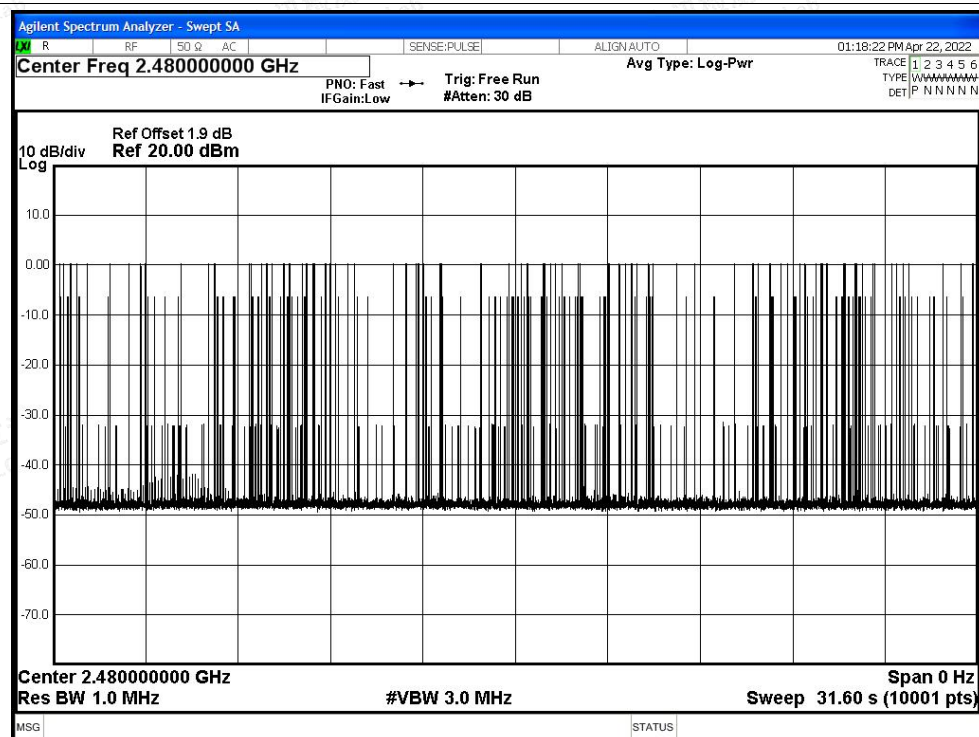


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Dwell NVNT 2-DH5 2480MHz Ant1 One Burst



Dwell NVNT 2-DH5 2480MHz Ant1 Accumulated



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A.5 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

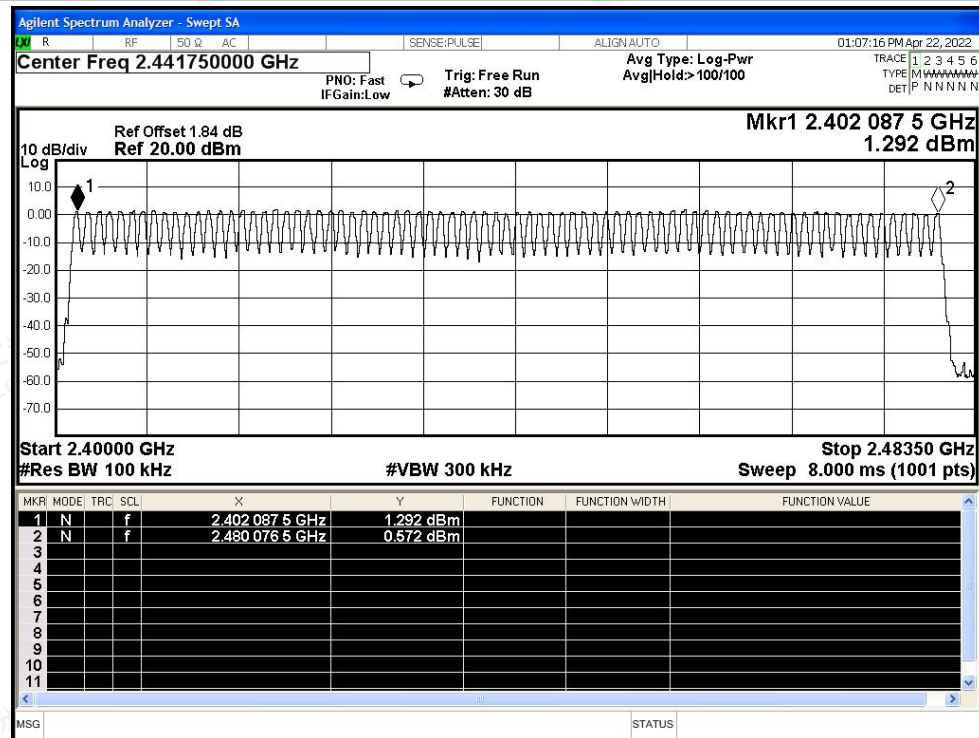




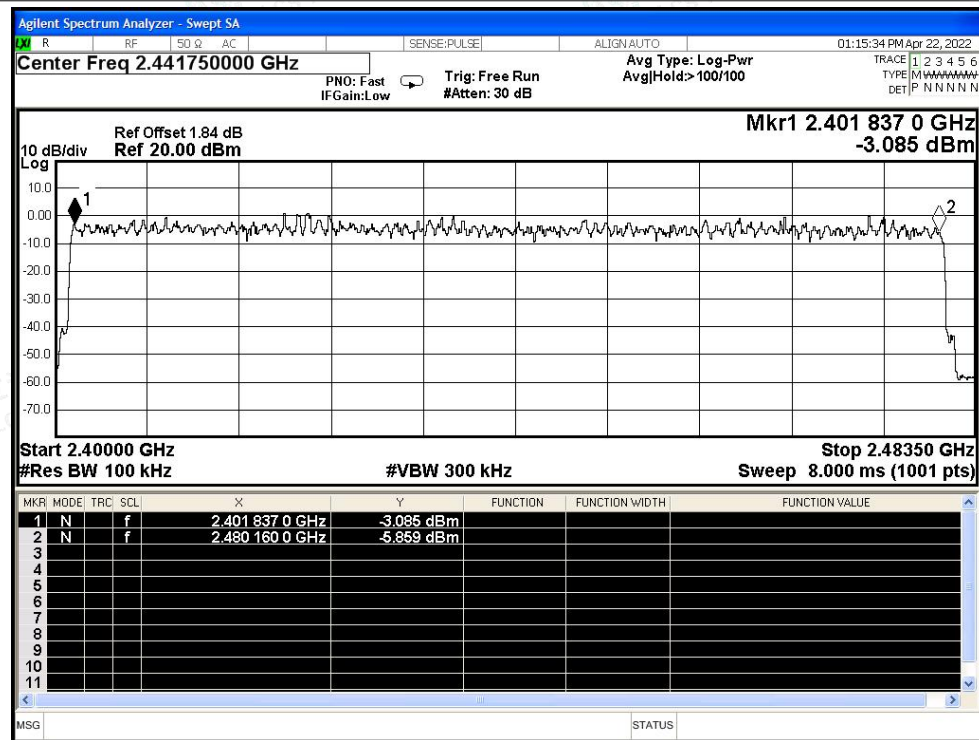
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Test Graphs

Hopping No. NVNT 1-DH5 2402MHz Ant1



Hopping No. NVNT 2-DH5 2402MHz Ant1



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A.6 Band Edge

Condition	Mode	Frequency (MHz)	Antenna	Hopping Mode	Max Value (dBc)	Limit (dBc)	Verdict
NVNT	1-DH5	2402	Ant1	No-Hopping	-56.07	-20	Pass
NVNT	1-DH5	2480	Ant1	No-Hopping	-56.79	-20	Pass
NVNT	2-DH5	2402	Ant1	No-Hopping	-54.68	-20	Pass
NVNT	2-DH5	2480	Ant1	No-Hopping	-53.99	-20	Pass



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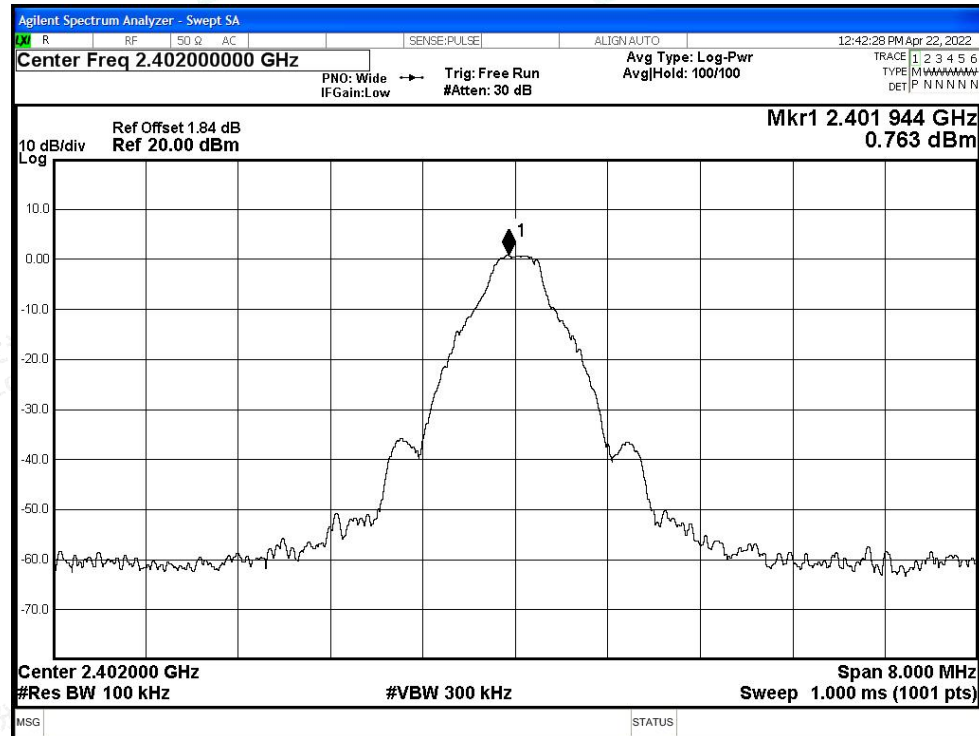
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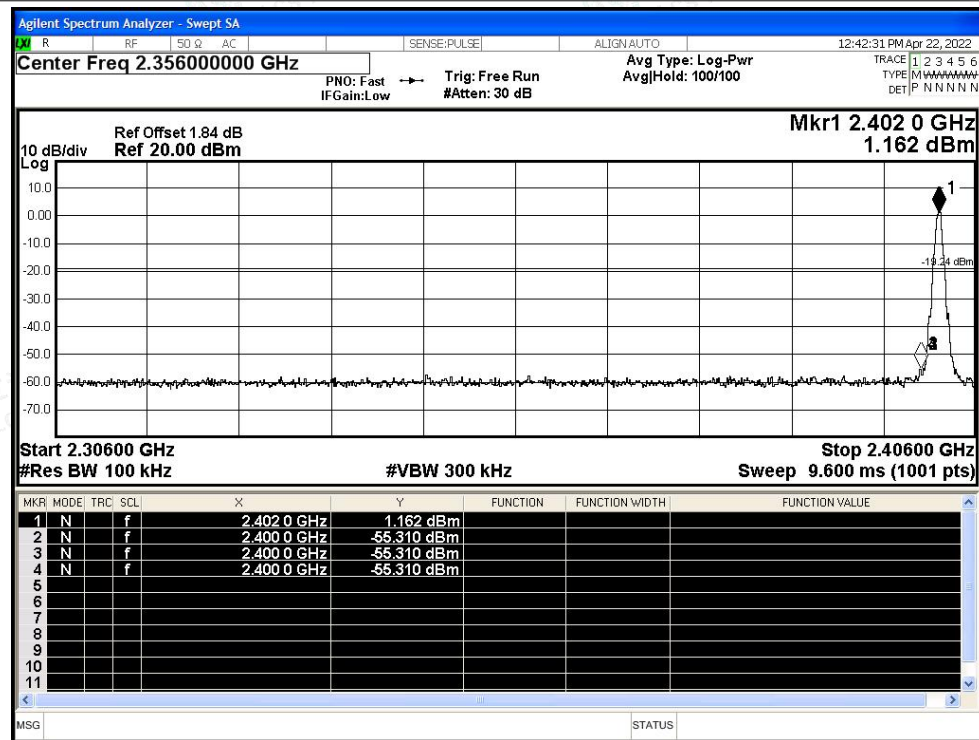
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Test Graphs

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



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



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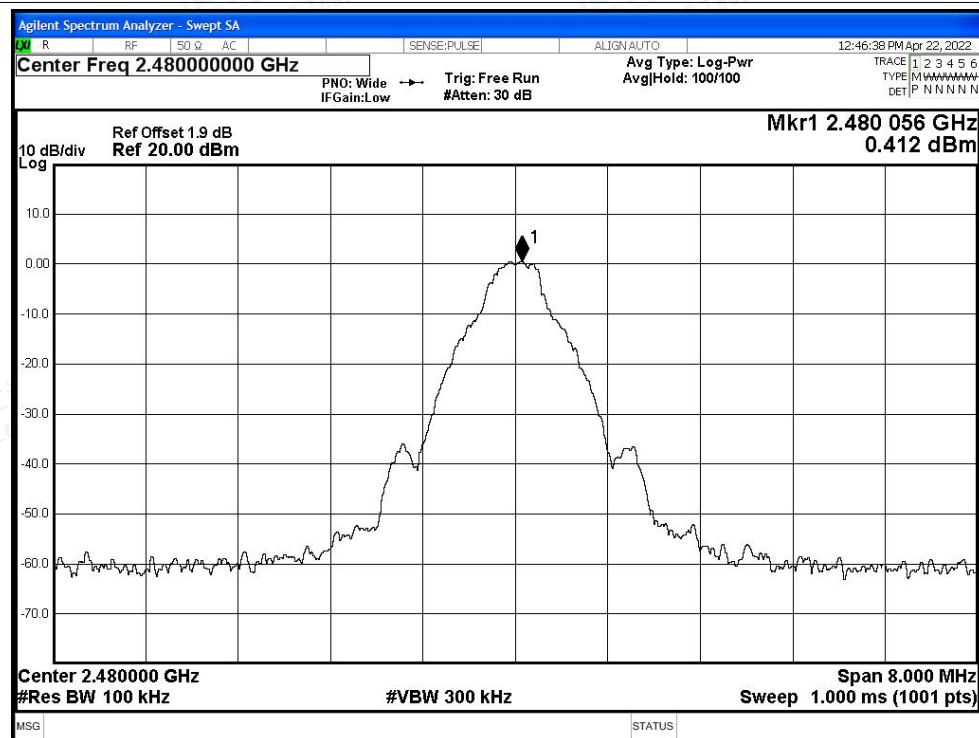
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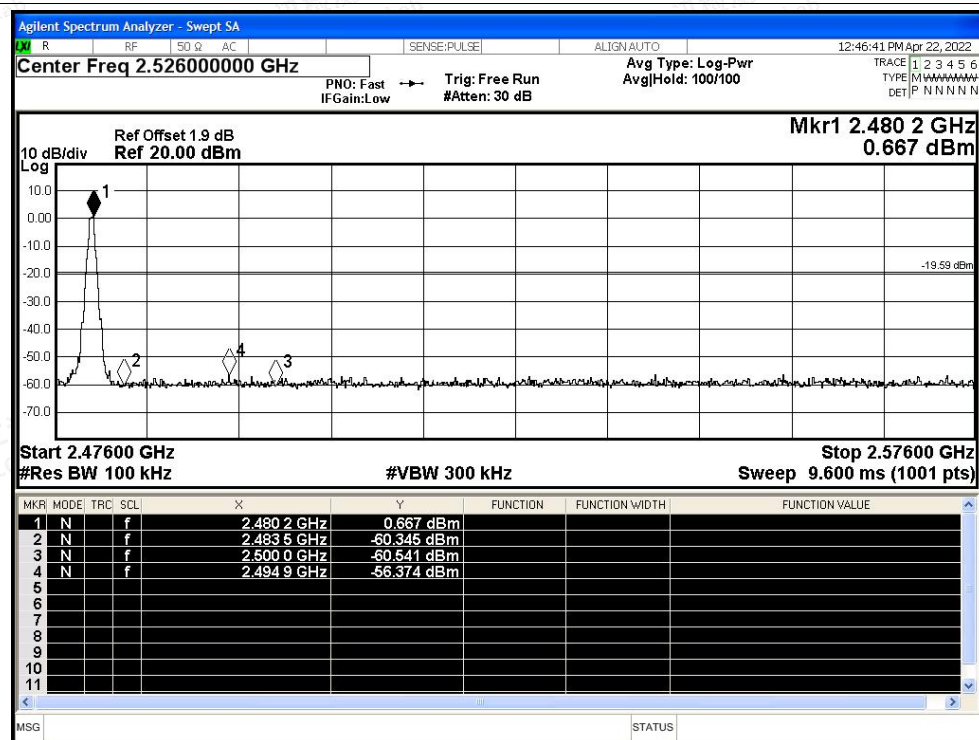


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Band Edge NVNT 1-DH5 2480MHz Ant1 No-Hopping Ref



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



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