

Appendix A

RF Test Data for BT (Conducted Measurement)

Product Name: GamePad

Test Model: JC-1

Environmental Conditions

Temperature:	23.5 ° C
Relative Humidity:	52.2%
ATM Pressure:	100.0 kPa
Test Engineer:	kayHu Kay Hu
Supervised by:	Libu 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	1.019	---	Pass
NVNT	1-DH5	2441	Ant1	1.022	---	Pass
NVNT	1-DH5	2480	Ant1	1.029	---	Pass
NVNT	2-DH5	2402	Ant1	1.313	---	Pass
NVNT	2-DH5	2441	Ant1	1.286	---	Pass
NVNT	2-DH5	2480	Ant1	1.308	---	Pass
NVNT	3-DH5	2402	Ant1	1.303	---	Pass
NVNT	3-DH5	2441	Ant1	1.302	---	Pass
NVNT	3-DH5	2480	Ant1	1.302	---	Pass



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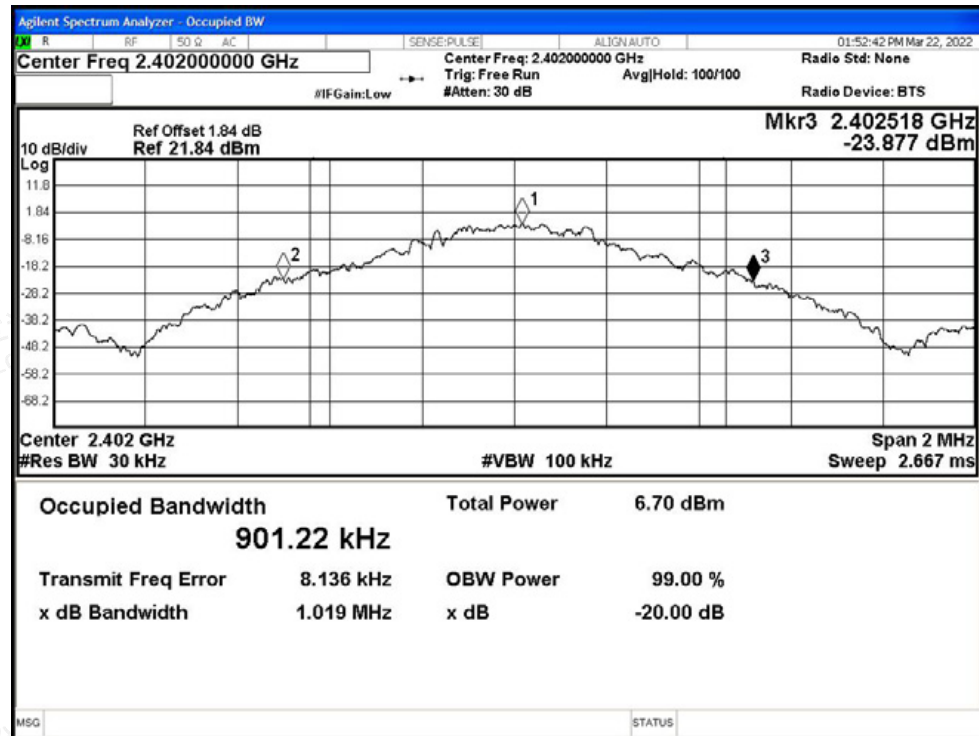
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Test Graphs

-20dB Bandwidth NVNT 1-DH5 2402MHz Ant1



-20dB Bandwidth NVNT 1-DH5 2441MHz Ant1



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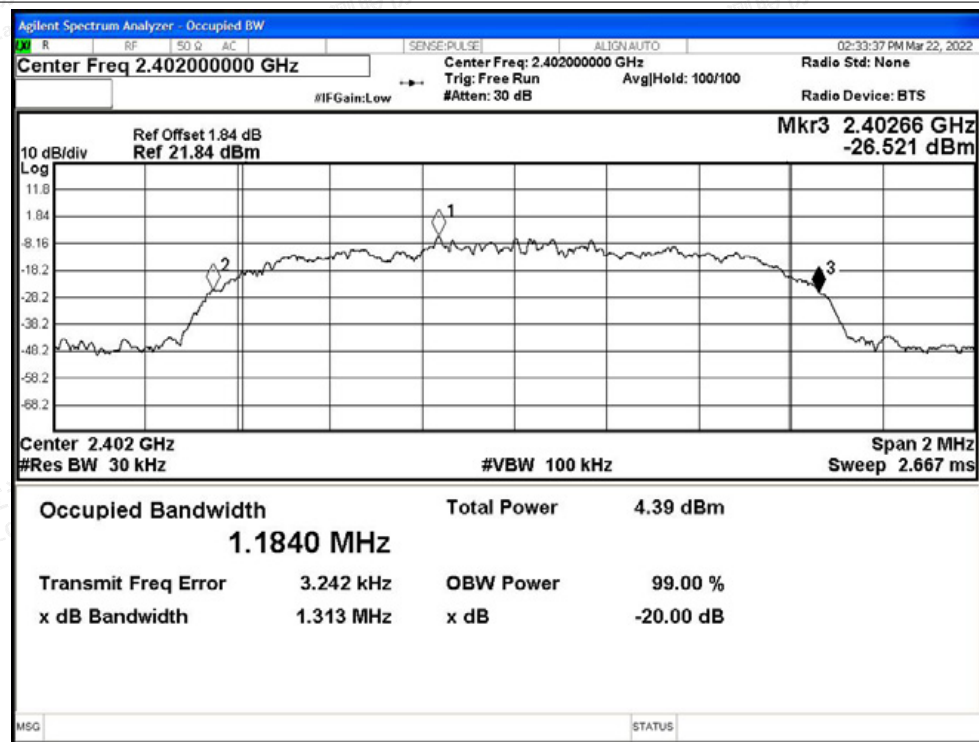
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-20dB Bandwidth NVNT 1-DH5 2480MHz Ant1



-20dB Bandwidth NVNT 2-DH5 2402MHz Ant1



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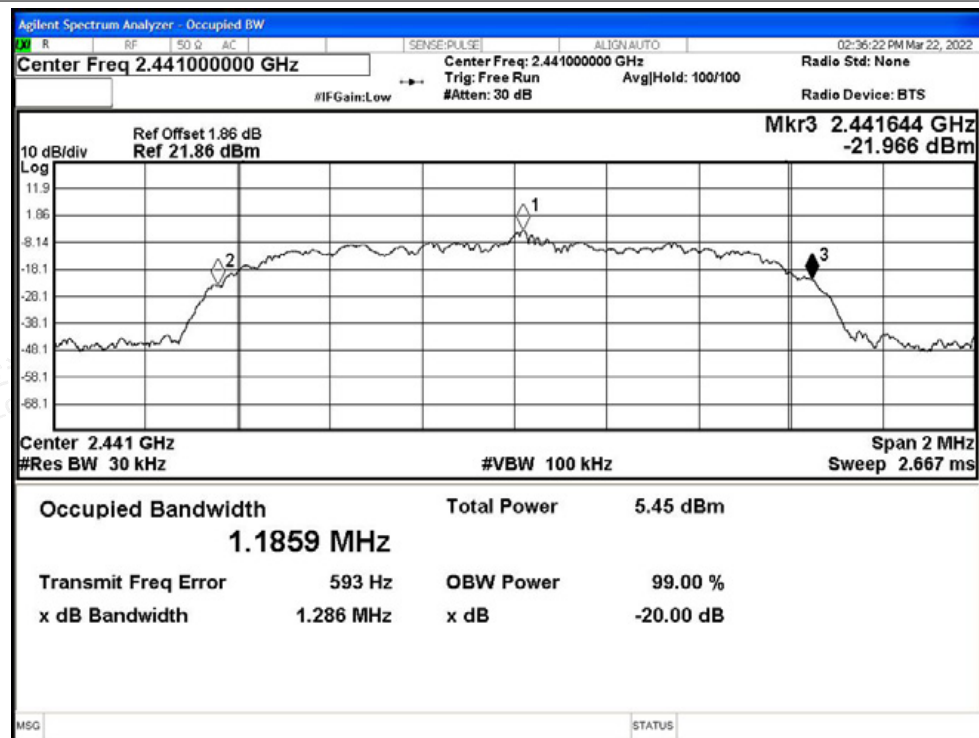
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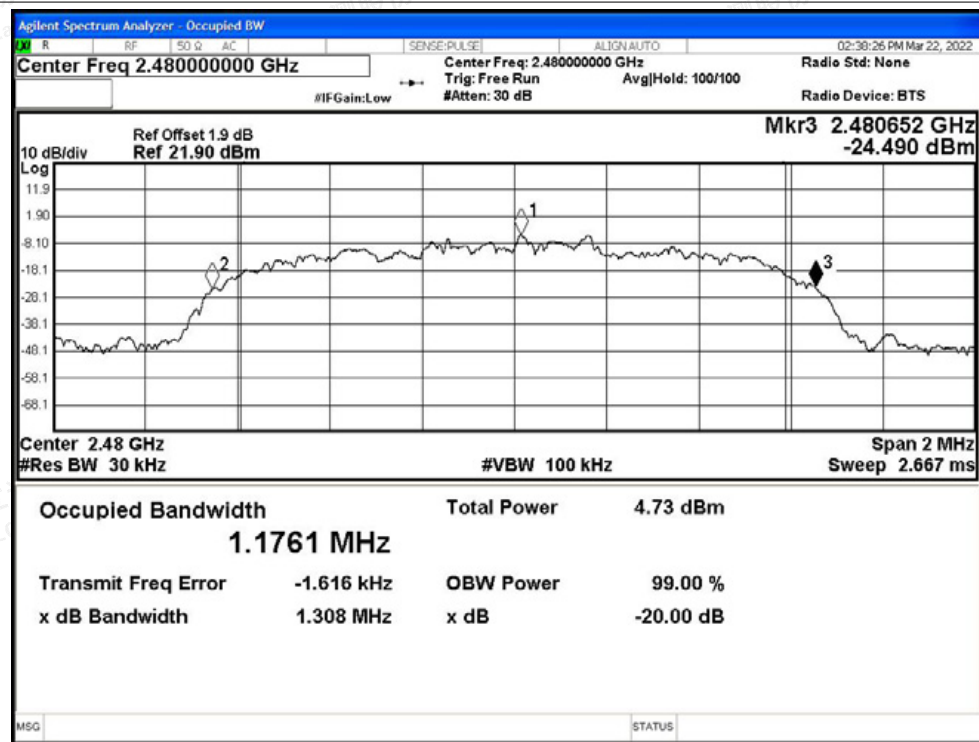
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-20dB Bandwidth NVNT 2-DH5 2441MHz Ant1



-20dB Bandwidth NVNT 2-DH5 2480MHz Ant1



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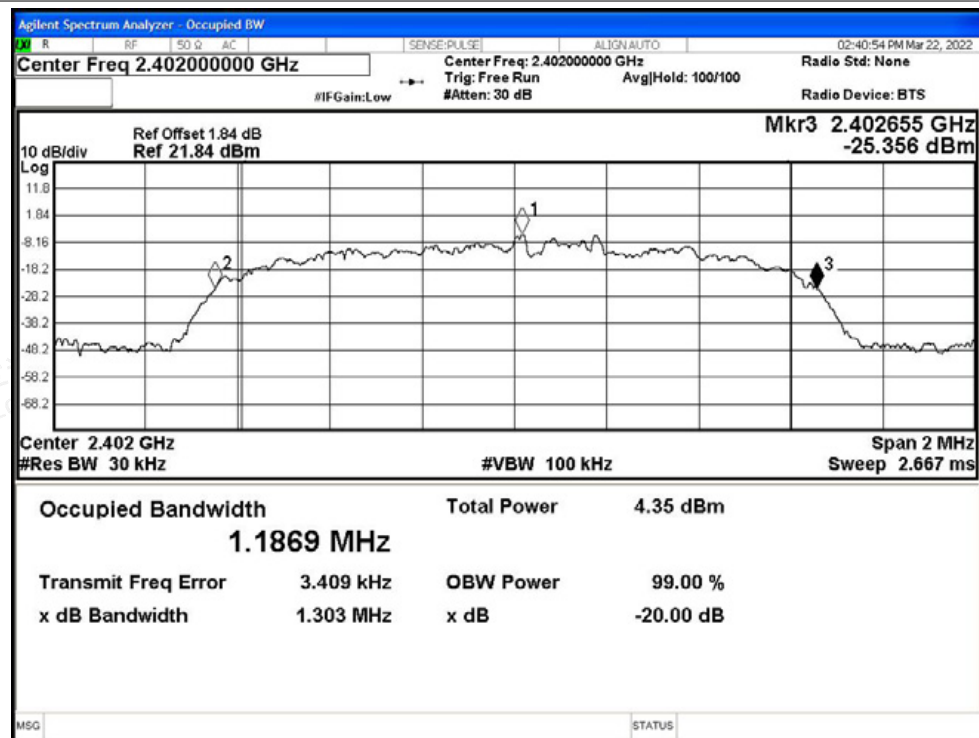
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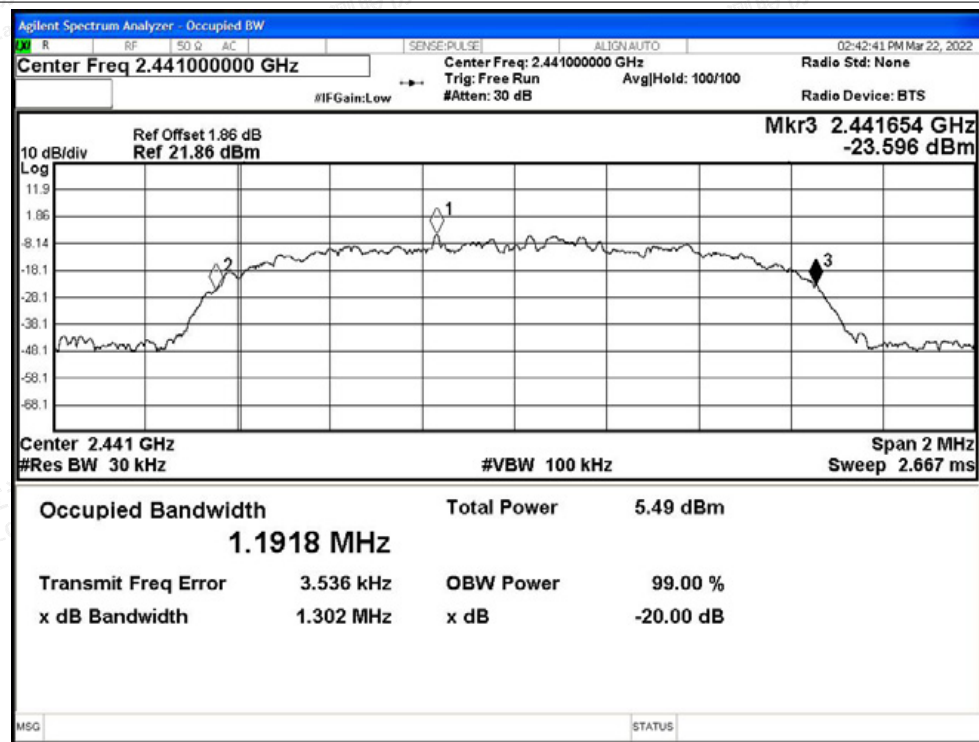
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-20dB Bandwidth NVNT 3-DH5 2402MHz Ant1



-20dB Bandwidth NVNT 3-DH5 2441MHz Ant1



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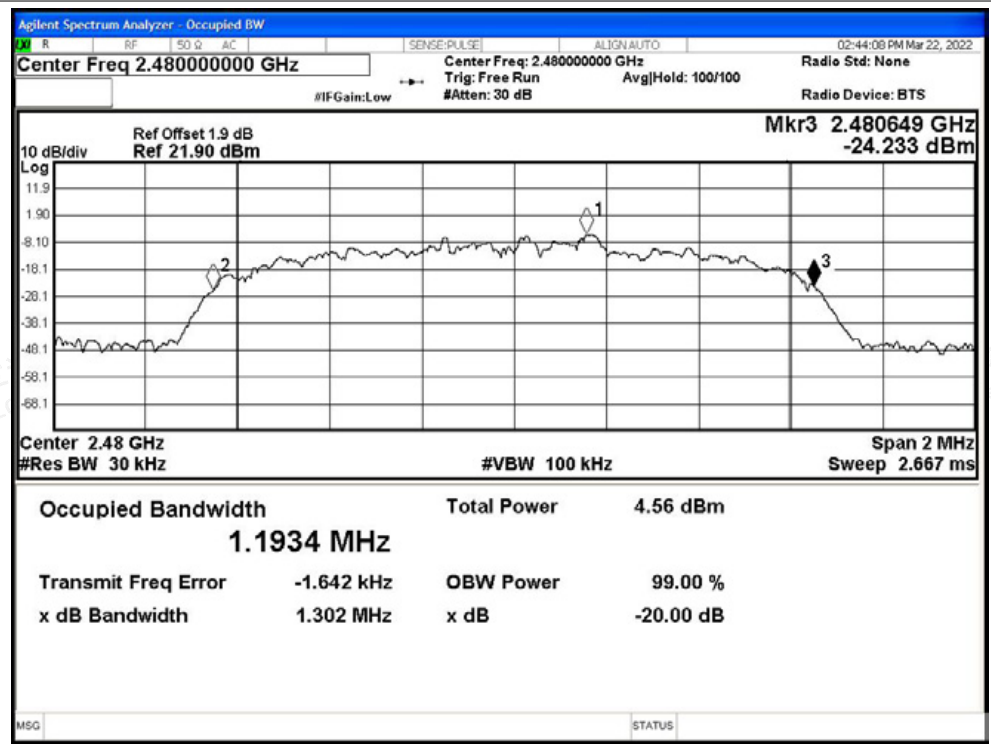
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A.2 Maximum Peak Conducted Output Power

Condition	Mode	Frequency (MHz)	Antenna	Total Power (dBm)	Limit (dBm)	Verdict
NVNT	1-DH5	2402	Ant1	0.43	20.97	Pass
NVNT	1-DH5	2441	Ant1	1.74	20.97	Pass
NVNT	1-DH5	2480	Ant1	0.34	20.97	Pass
NVNT	2-DH5	2402	Ant1	-0.5	20.97	Pass
NVNT	2-DH5	2441	Ant1	0.91	20.97	Pass
NVNT	2-DH5	2480	Ant1	-0.42	20.97	Pass
NVNT	3-DH5	2402	Ant1	-0.31	20.97	Pass
NVNT	3-DH5	2441	Ant1	1.06	20.97	Pass
NVNT	3-DH5	2480	Ant1	-0.31	20.97	Pass



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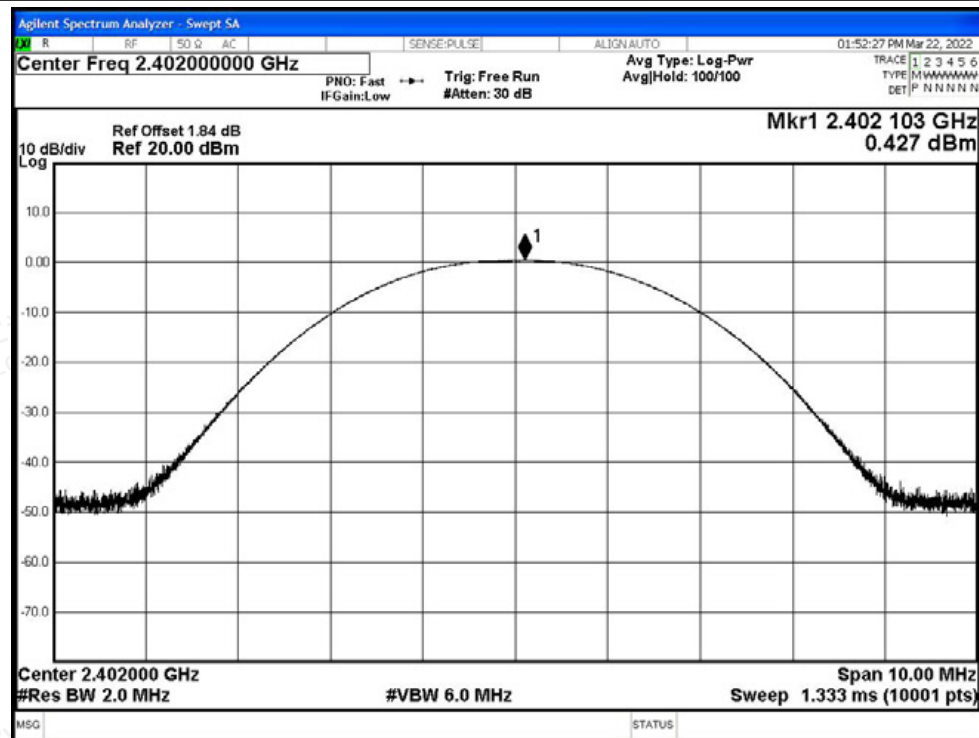
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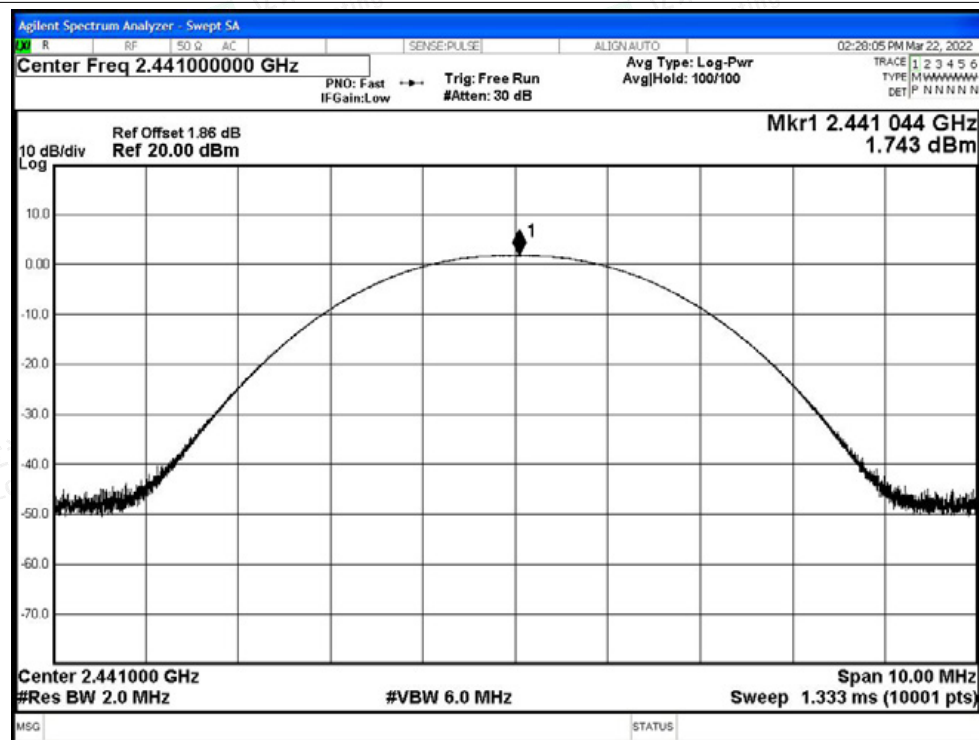


Test Graphs

Power NVNT 1-DH5 2402MHz Ant1



Power NVNT 1-DH5 2441MHz Ant1



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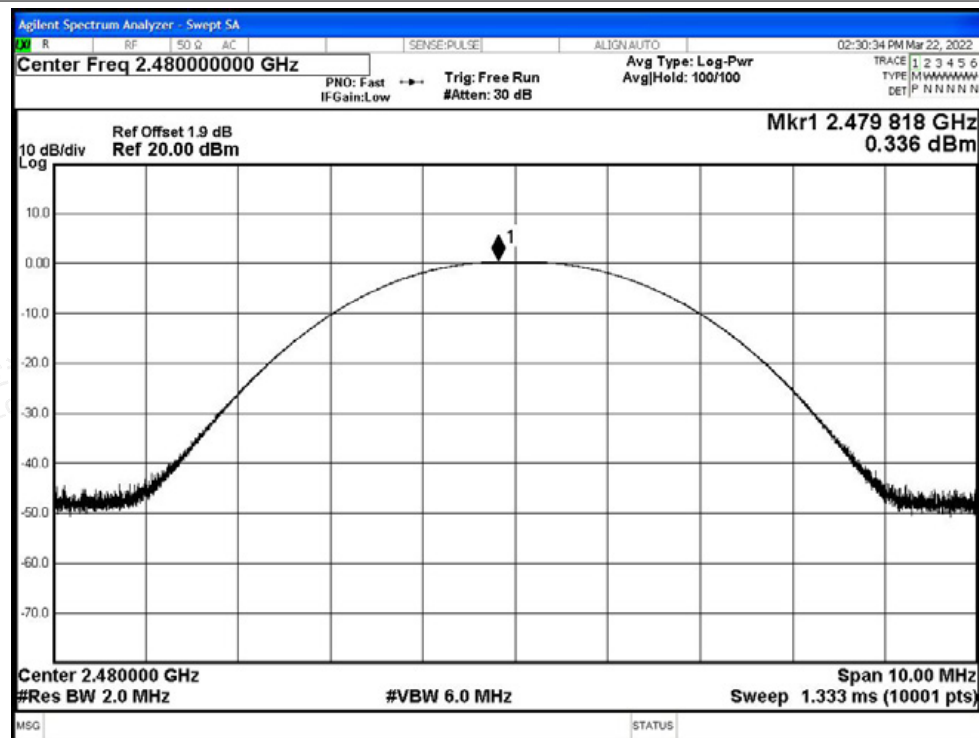
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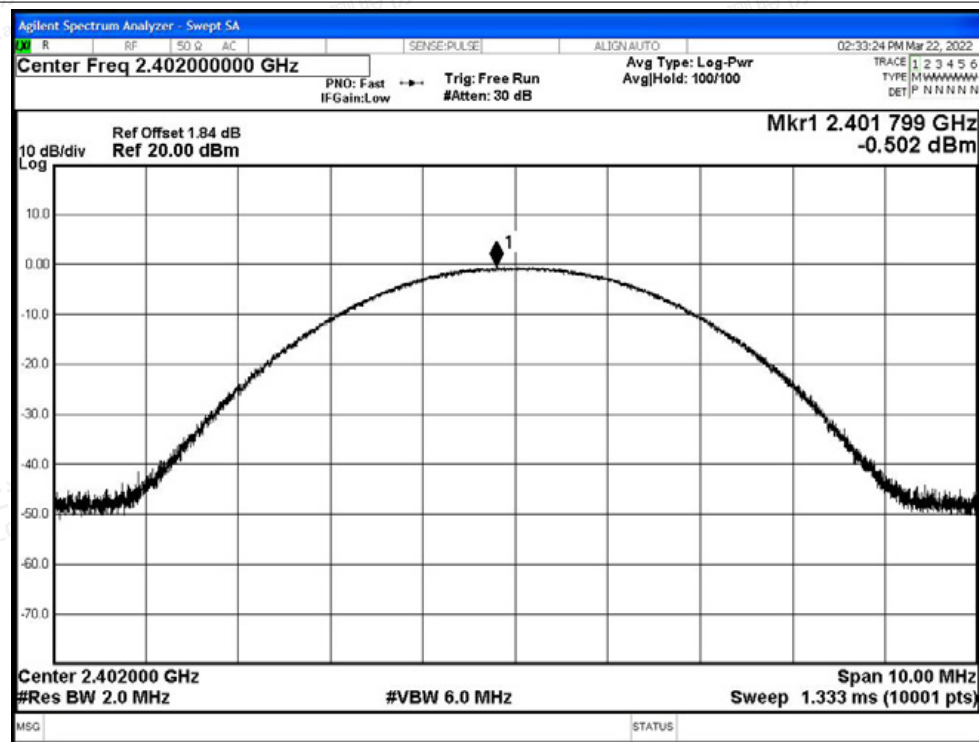
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Power NVNT 1-DH5 2480MHz Ant1



Power NVNT 2-DH5 2402MHz Ant1



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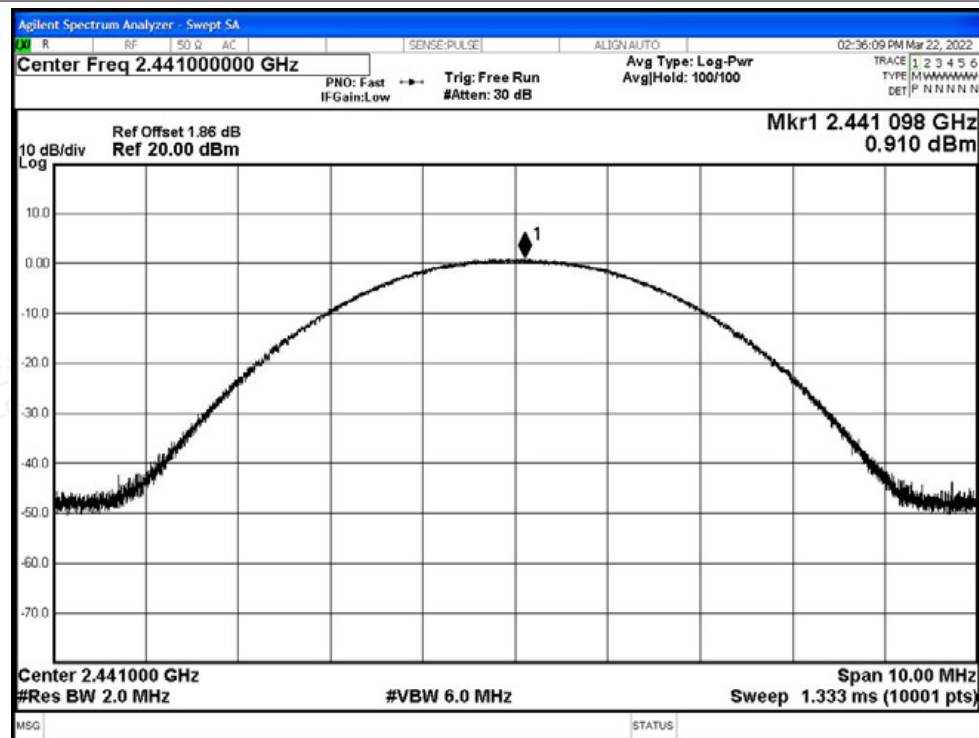
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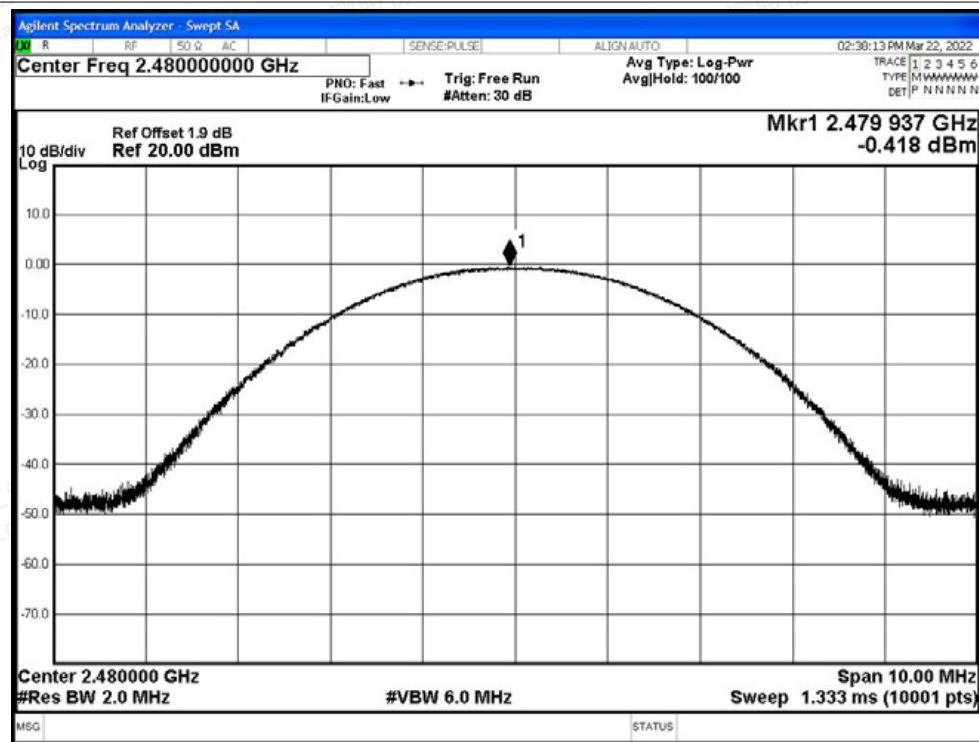
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Power NVNT 2-DH5 2441MHz Ant1



Power NVNT 2-DH5 2480MHz Ant1



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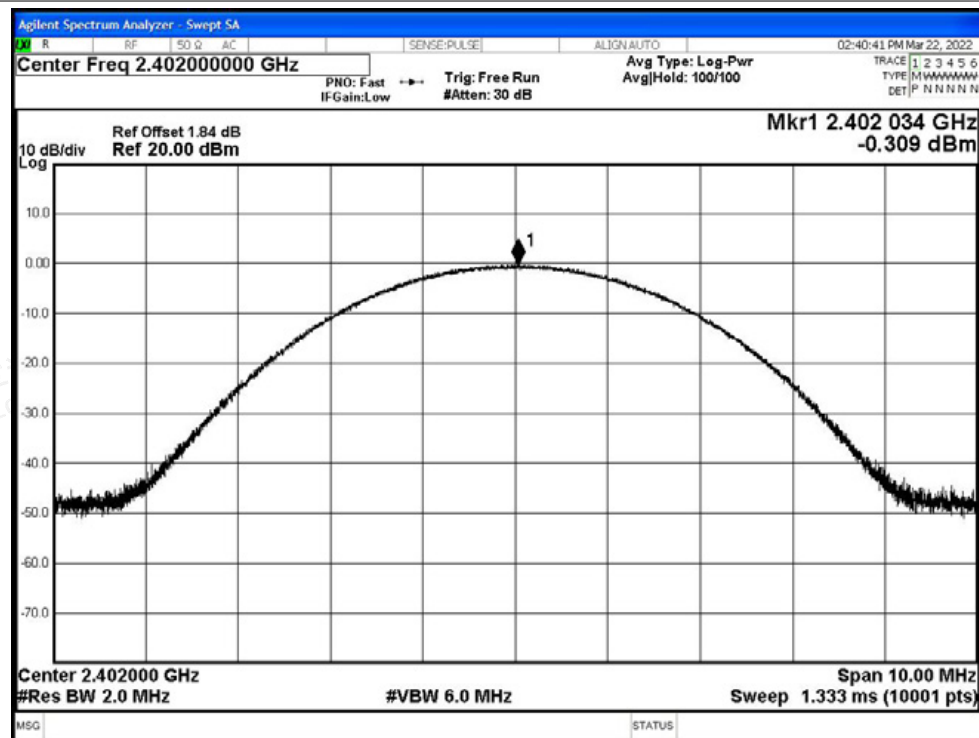
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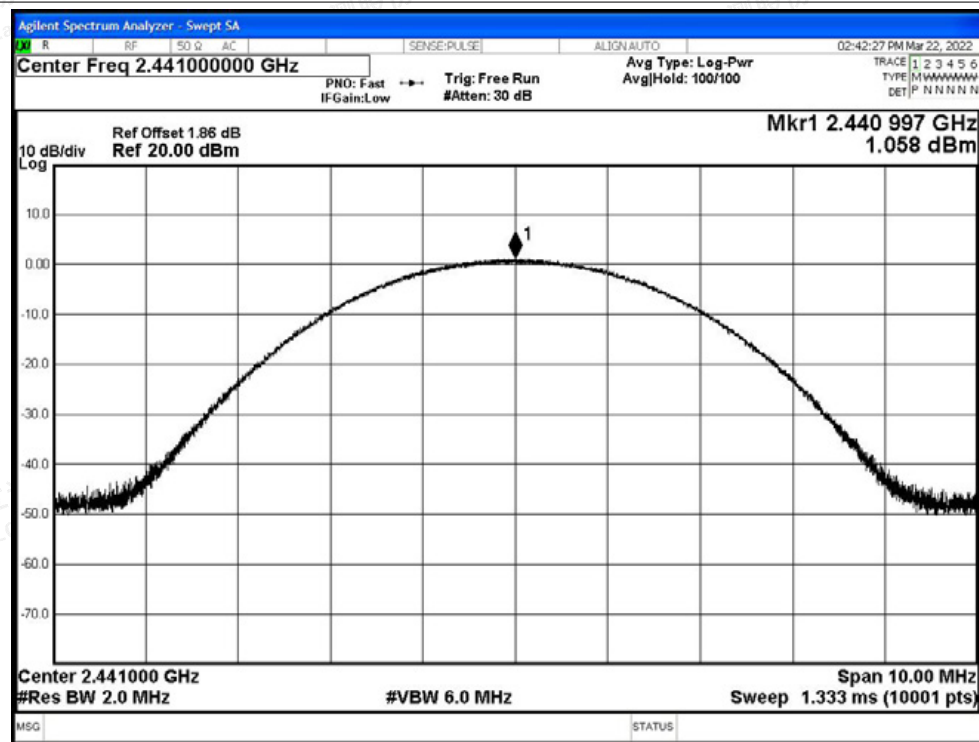
Scan code to check authenticity



Power NVNT 3-DH5 2402MHz Ant1



Power NVNT 3-DH5 2441MHz Ant1

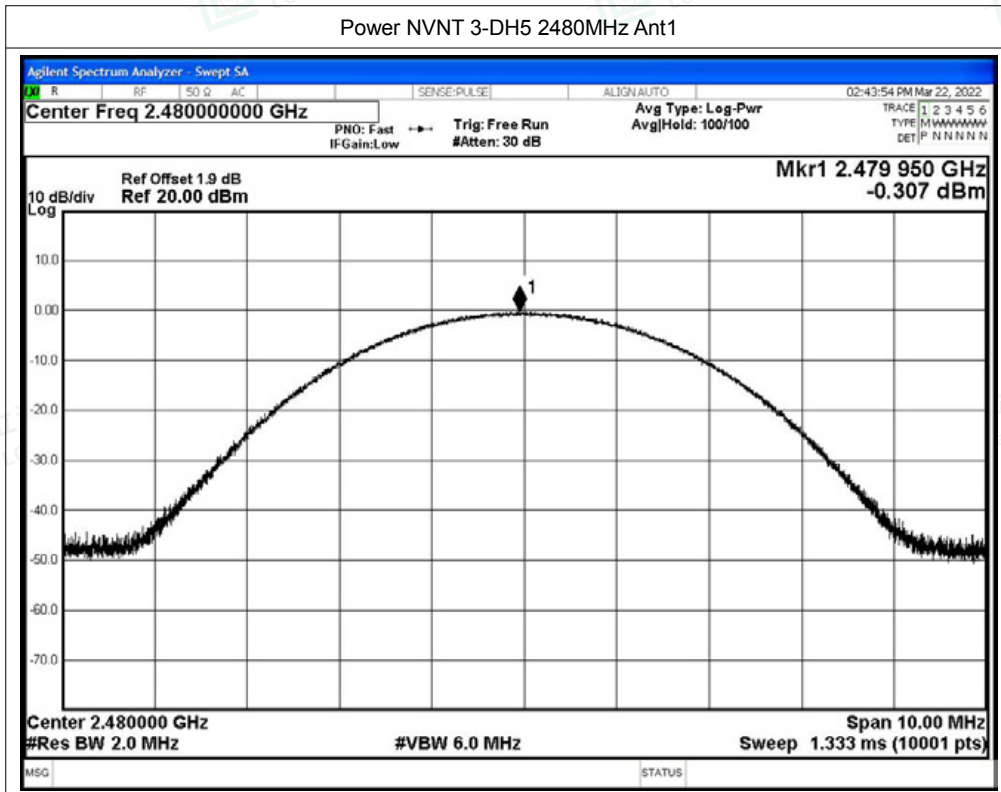


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A.3 Carrier Frequencies Separation

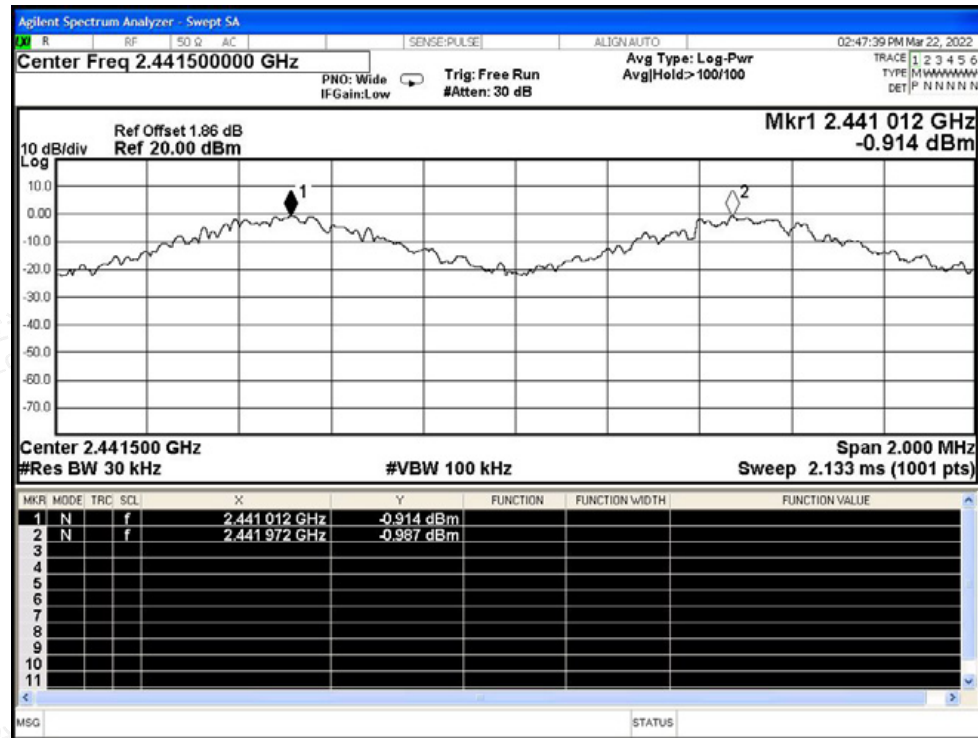
Condition	Mode	Antenna	Hopping Freq1 (MHz)	Hopping Freq2 (MHz)	HFS (MHz)	Limit (MHz)	Verdict
NVNT	1-DH5	Ant1	2441.012	2441.972	0.96	0.681	Pass
NVNT	2-DH5	Ant1	2441.016	2442.176	1.16	0.857	Pass
NVNT	3-DH5	Ant1	2441.156	2442.156	1	0.868	Pass



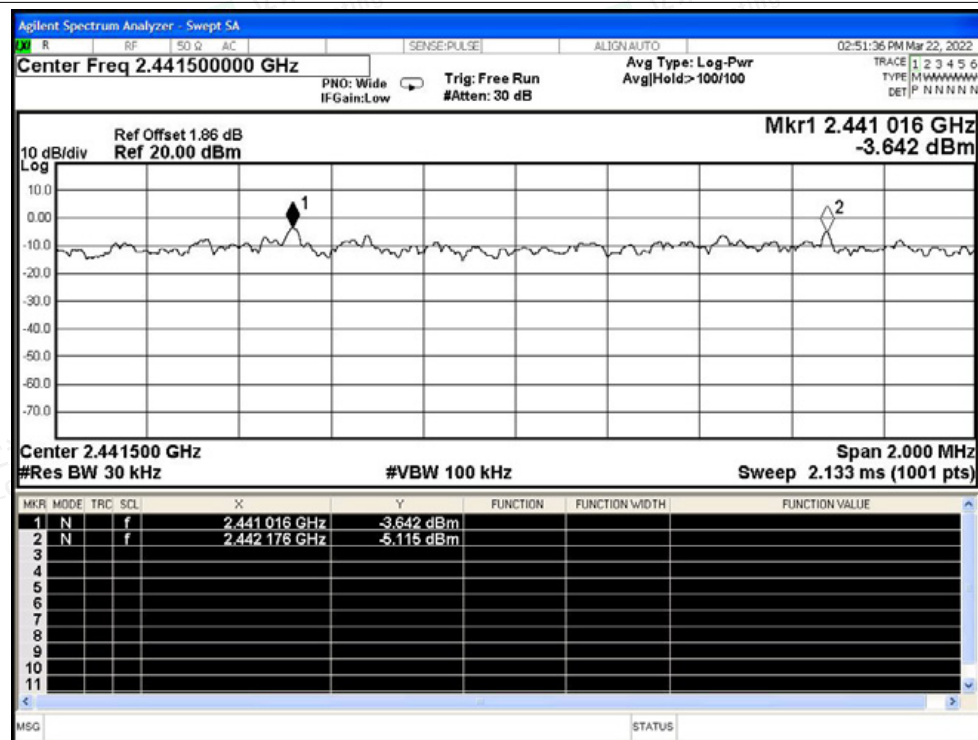


Test Graphs

CFS NVNT 1-DH5 2441MHz Ant1



CFS NVNT 2-DH5 2441MHz Ant1



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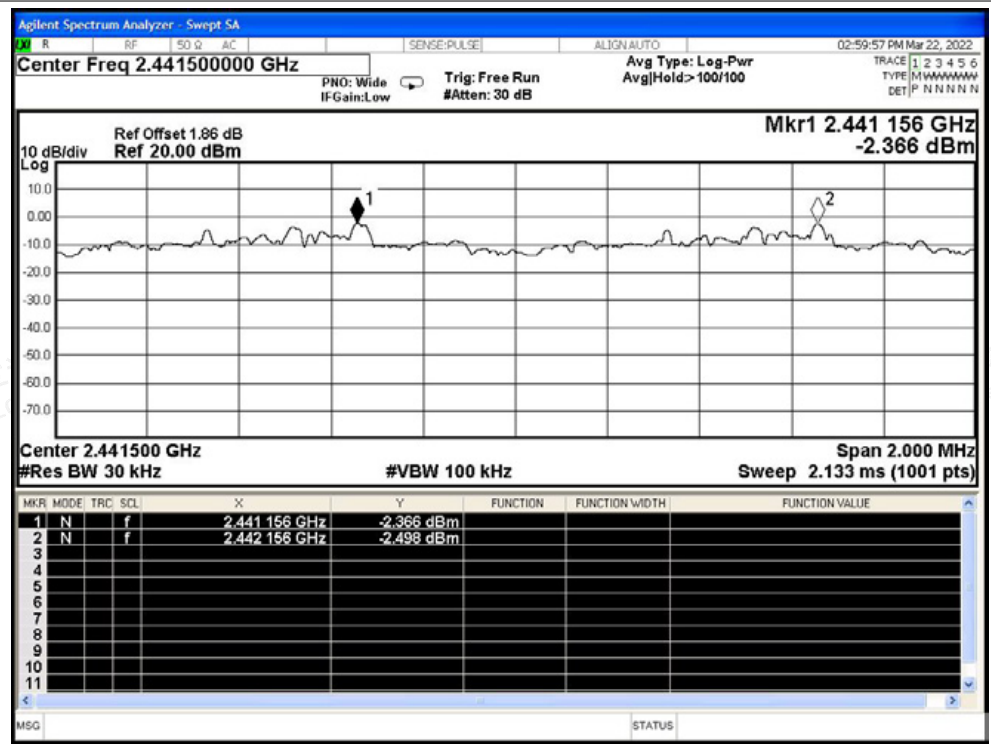
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CFS NVNT 3-DH5 2441MHz Ant1



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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	2441	Ant1	2.882	325.666	113	31600	400	Pass
NVNT	2-DH5	2441	Ant1	2.883	337.311	117	31600	400	Pass
NVNT	3-DH5	2441	Ant1	2.886	320.346	111	31600	400	Pass



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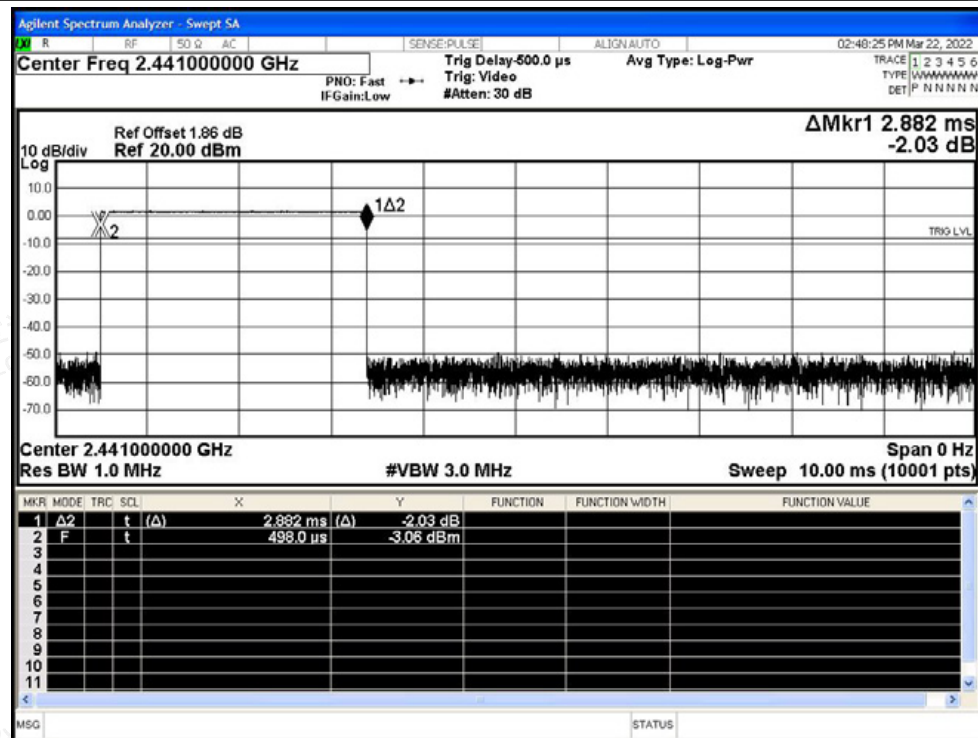
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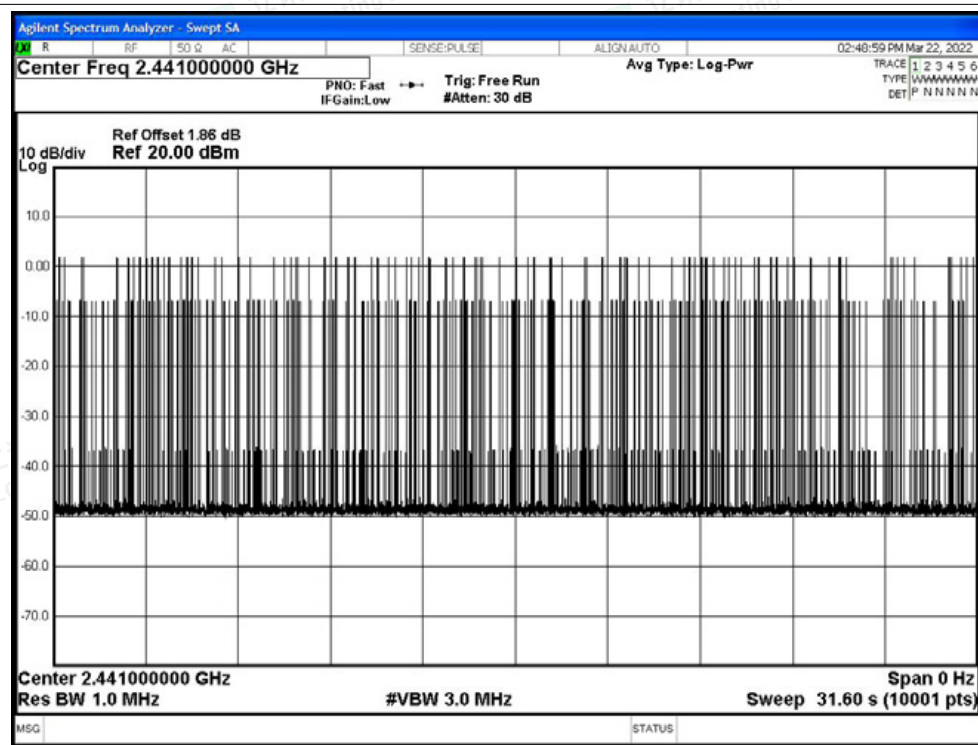


Test Graphs

Dwell NVNT 1-DH5 2441MHz Ant1 One Burst



Dwell NVNT 1-DH5 2441MHz Ant1 Accumulated



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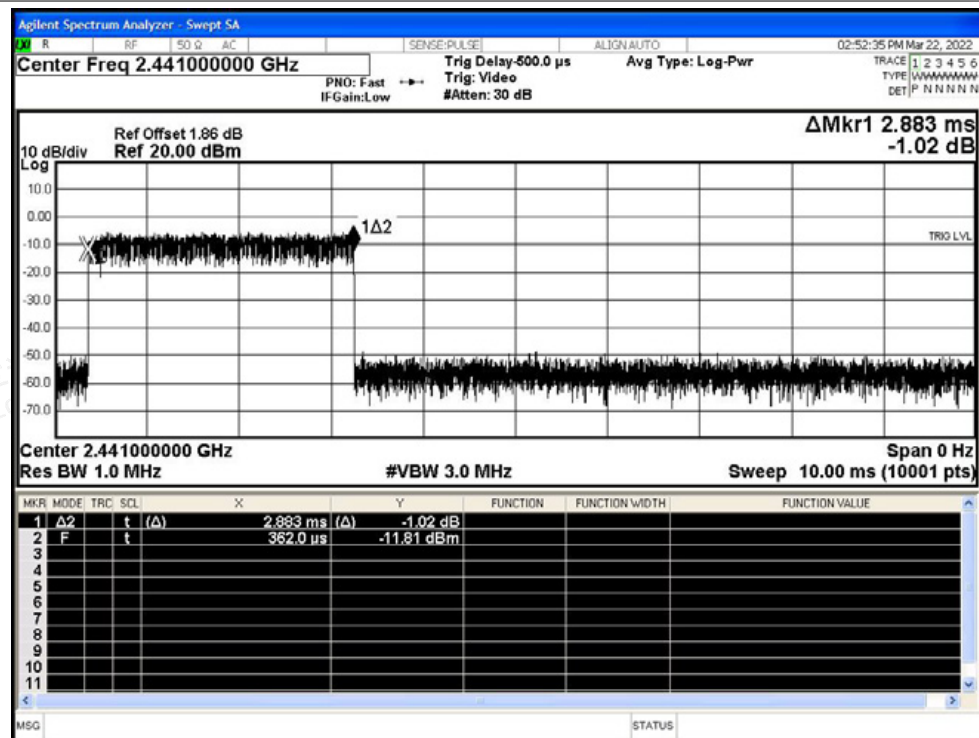
Add: 101, 201 Bldg A & 301 Bldg C, Juji Industrial Park Yabianxueziwei, Shajing Street, Baoan District, Shenzhen, 518000, China

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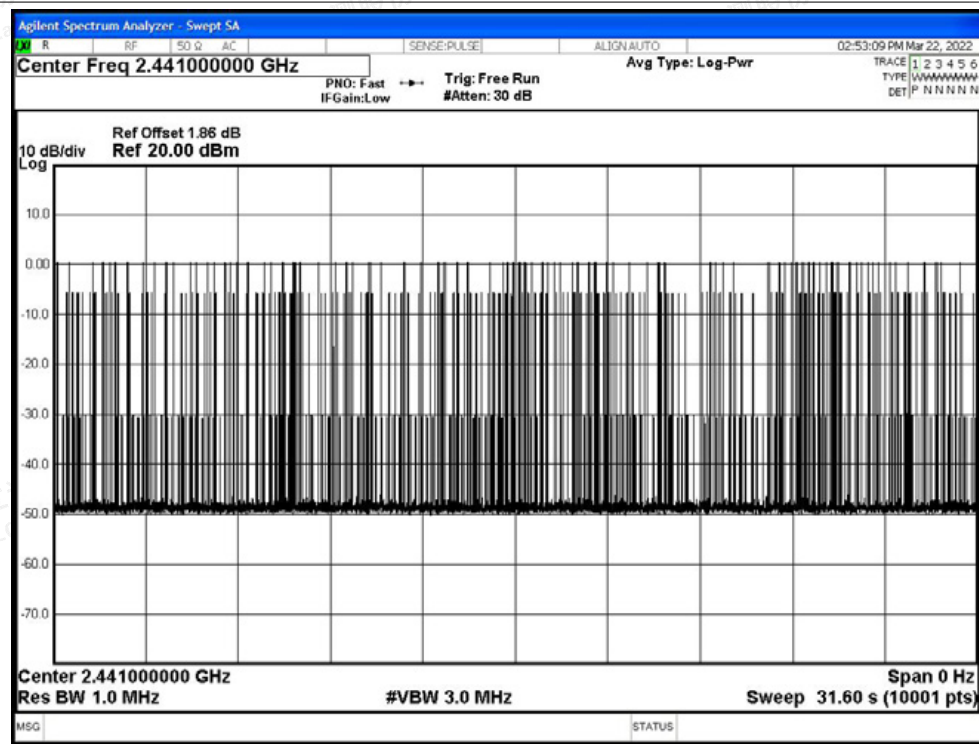
Scan code to check authenticity



Dwell NVNT 2-DH5 2441MHz Ant1 One Burst



Dwell NVNT 2-DH5 2441MHz Ant1 Accumulated



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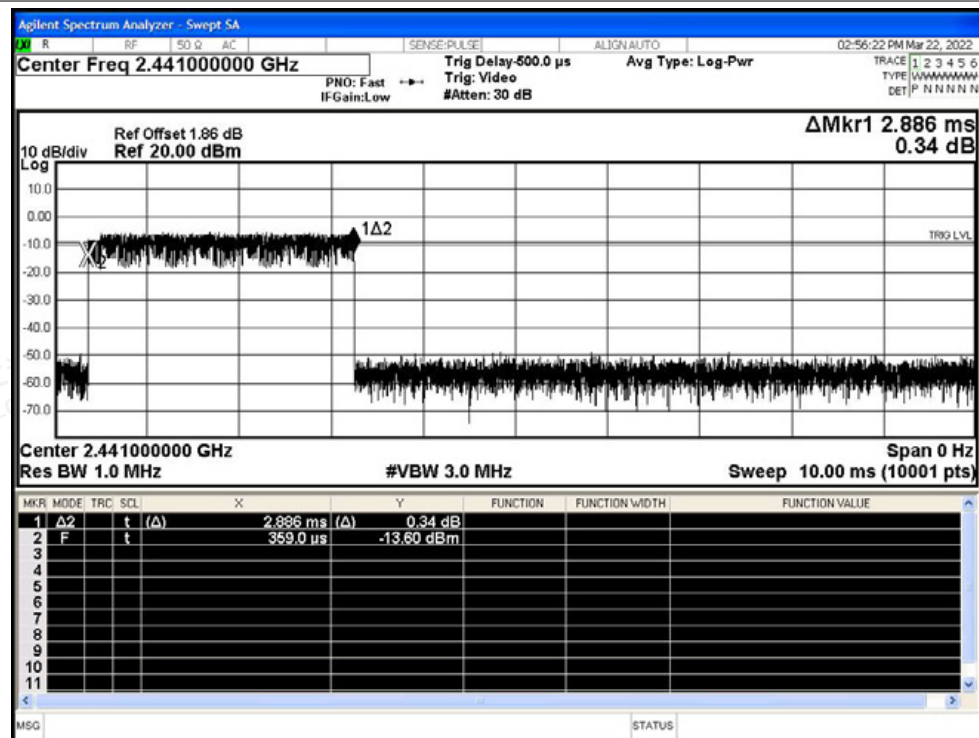
Add: 101, 201 Bldg A & 301 Bldg C, Juji Industrial Park Yabianxueziwei, Shajing Street, Baoan District, Shenzhen, 518000, China

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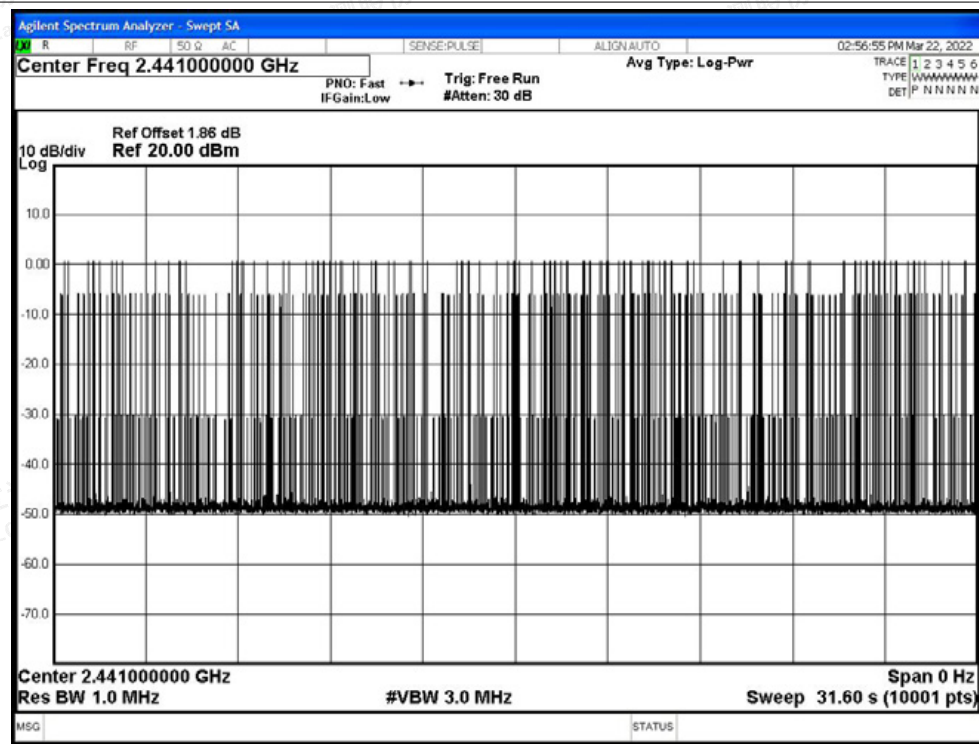
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Dwell NVNT 3-DH5 2441MHz Ant1 One Burst



Dwell NVNT 3-DH5 2441MHz Ant1 Accumulated



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A.5 Number of Hopping Channel

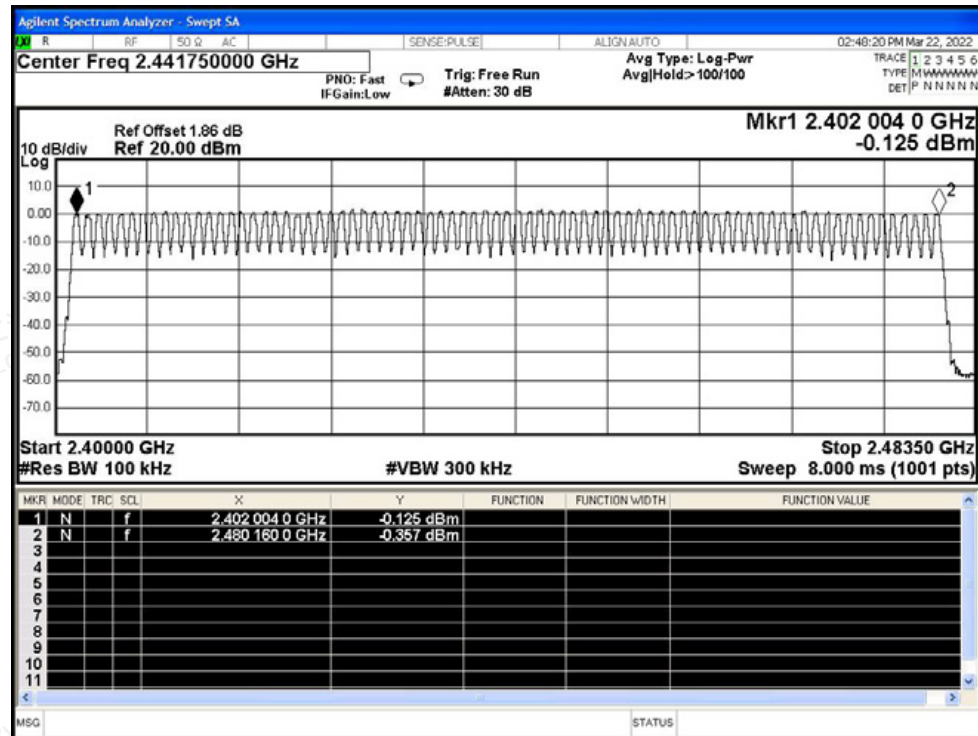
Condition	Mode	Antenna	Hopping Number	Limit	Verdict
NVNT	1-DH5	Ant1	79	15	Pass
NVNT	2-DH5	Ant1	79	15	Pass
NVNT	3-DH5	Ant1	79	15	Pass



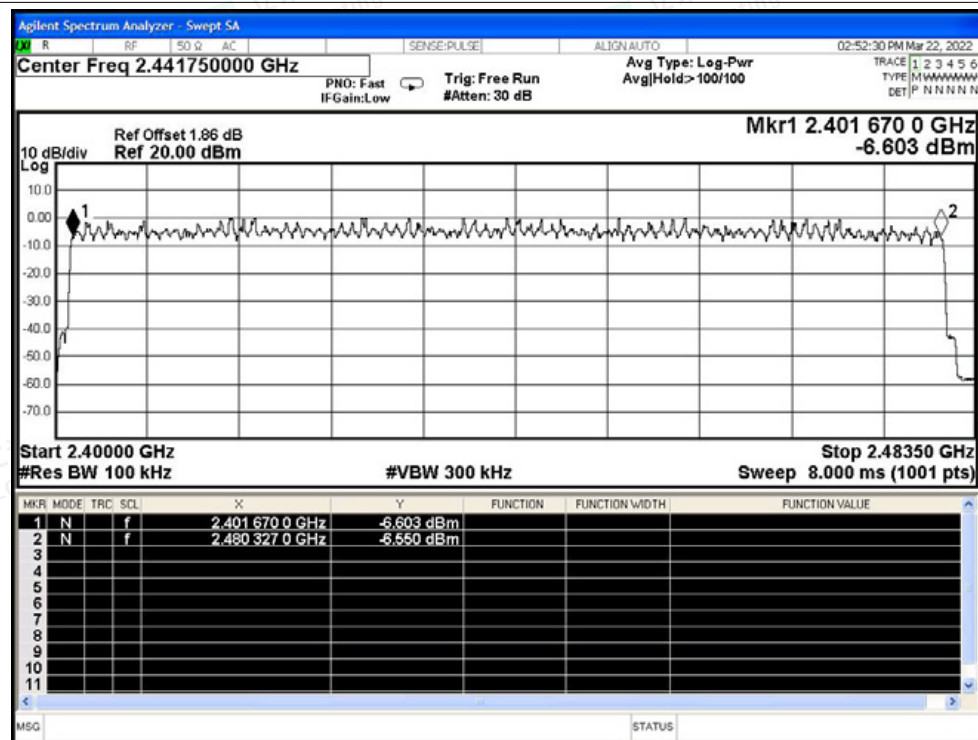


Test Graphs

Hopping No. NVNT 1-DH5 2441MHz Ant1



Hopping No. NVNT 2-DH5 2441MHz Ant1



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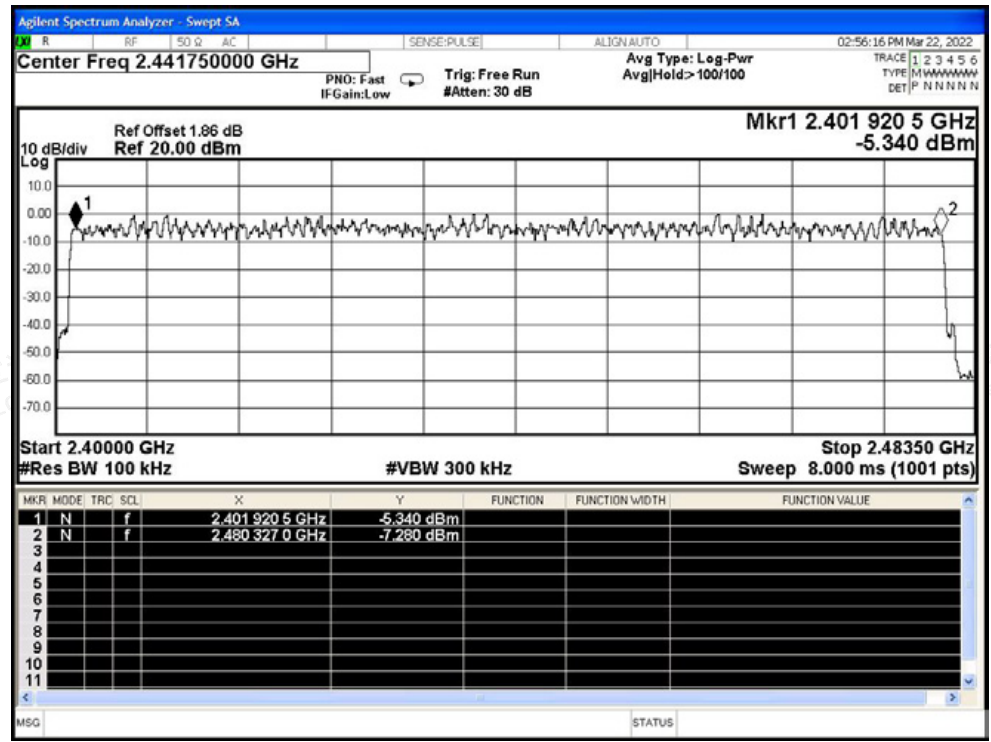
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Hopping No. NVNT 3-DH5 2441MHz Ant1



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A.6 Band Edge

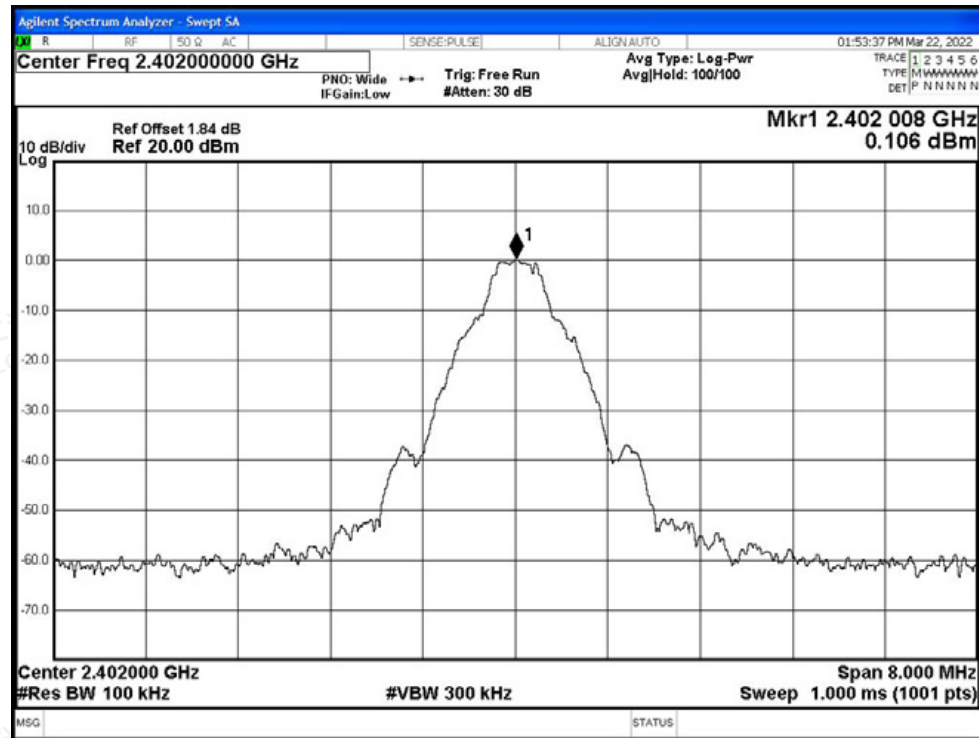
Condition	Mode	Frequency (MHz)	Antenna	Hopping Mode	Max Value (dBc)	Limit (dBc)	Verdict
NVNT	1-DH5	2402	Ant1	No-Hopping	-57.28	-20	Pass
NVNT	1-DH5	2480	Ant1	No-Hopping	-57.07	-20	Pass
NVNT	2-DH5	2402	Ant1	No-Hopping	-54.76	-20	Pass
NVNT	2-DH5	2480	Ant1	No-Hopping	-56.27	-20	Pass
NVNT	3-DH5	2402	Ant1	No-Hopping	-54.44	-20	Pass
NVNT	3-DH5	2480	Ant1	No-Hopping	-56.34	-20	Pass



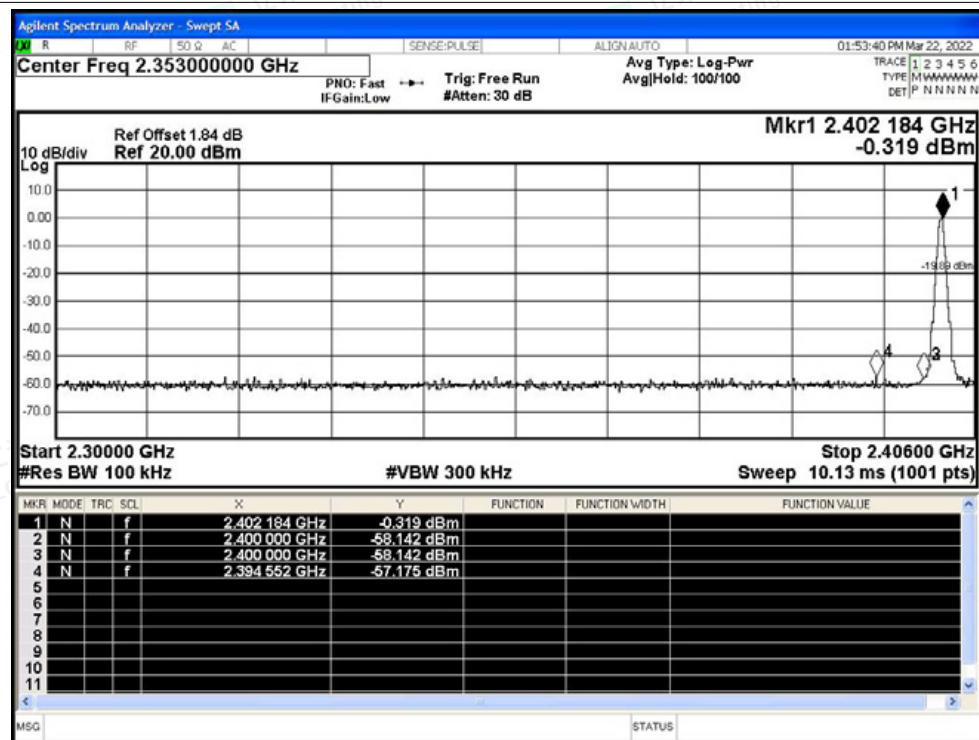


Test Graphs

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



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



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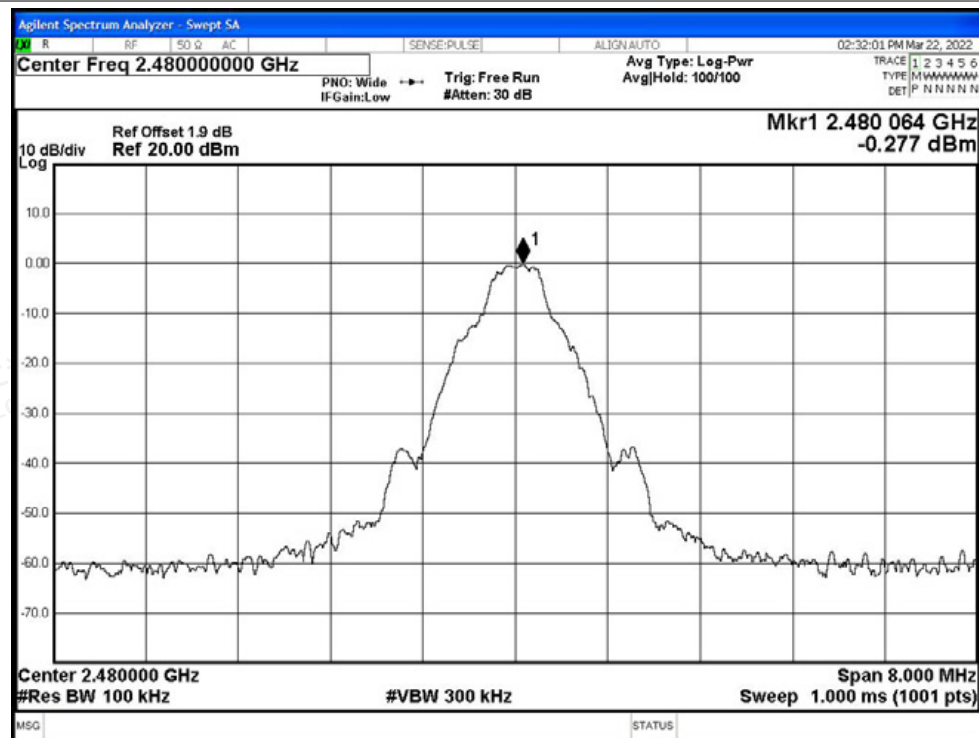
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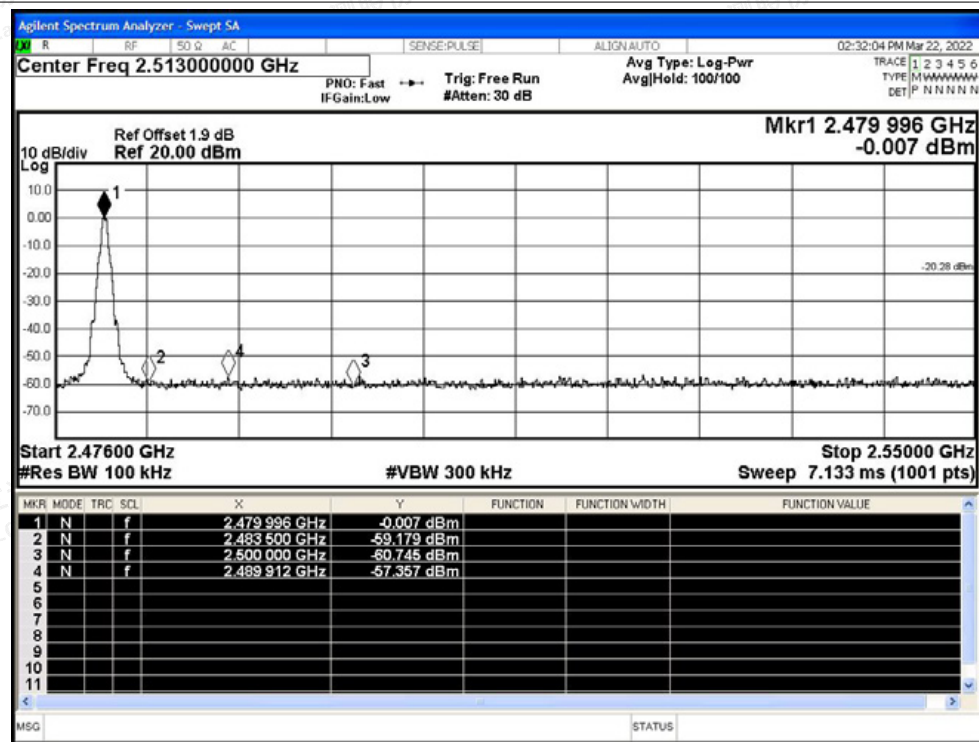
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Band Edge NVNT 1-DH5 2480MHz Ant1 No-Hopping Ref



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



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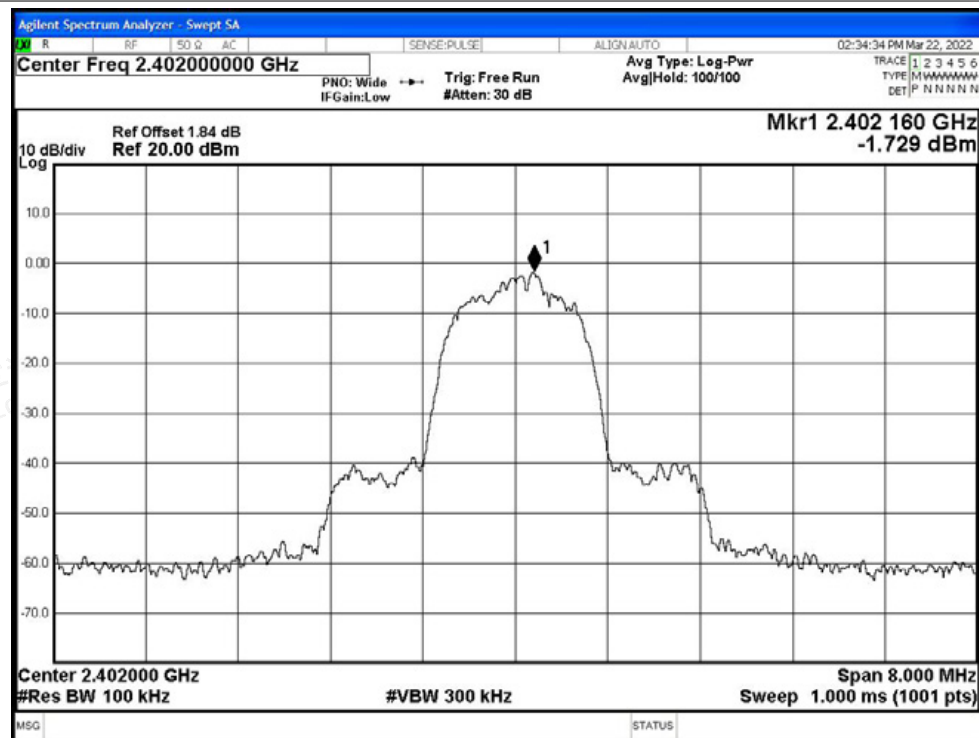
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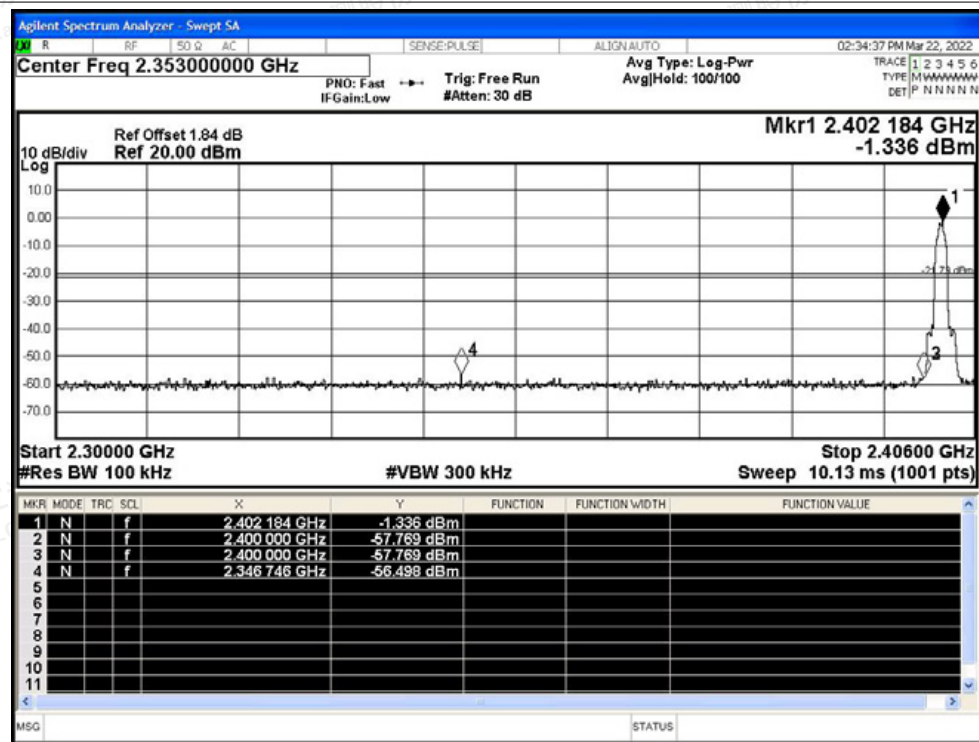
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Band Edge NVNT 2-DH5 2402MHz Ant1 No-Hopping Ref



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



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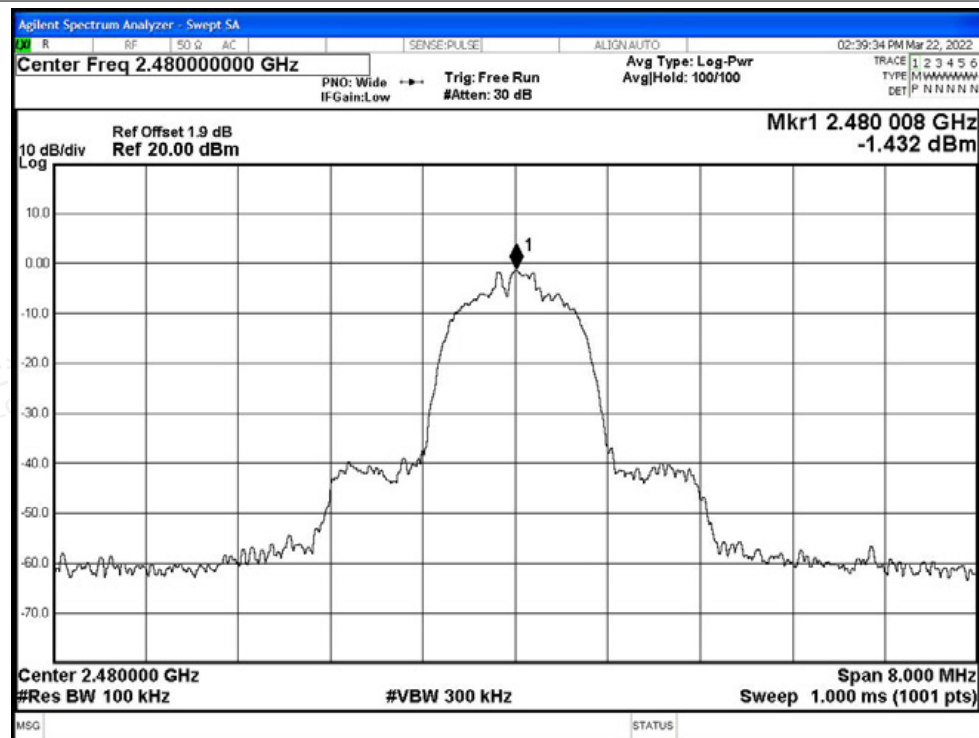
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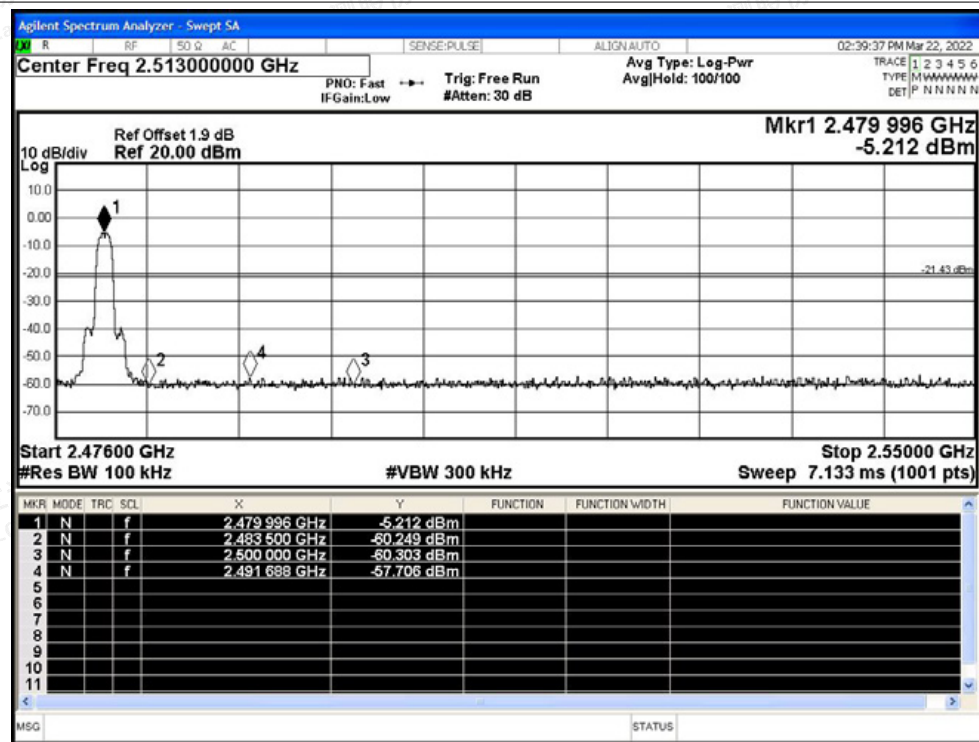
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Band Edge NVNT 2-DH5 2480MHz Ant1 No-Hopping Ref



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



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