



Appendix A

RF Test Data for BT (Conducted Measurement)

Product Name: Headphone

Test Model: HE

Environmental Conditions

Temperature:	23.5 ° C
Relative Humidity:	52.2%
ATM Pressure:	100.0 kPa
Test Engineer:	Bill Zhu
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	0.979	0	Pass
NVNT	1-DH5	2441	Ant1	1.022	0	Pass
NVNT	1-DH5	2480	Ant1	1.01	0	Pass
NVNT	2-DH5	2402	Ant1	1.283	0	Pass
NVNT	2-DH5	2441	Ant1	1.287	0	Pass
NVNT	2-DH5	2480	Ant1	1.289	0	Pass
NVNT	3-DH5	2402	Ant1	1.307	0	Pass
NVNT	3-DH5	2441	Ant1	1.301	0	Pass
NVNT	3-DH5	2480	Ant1	1.294	0	Pass



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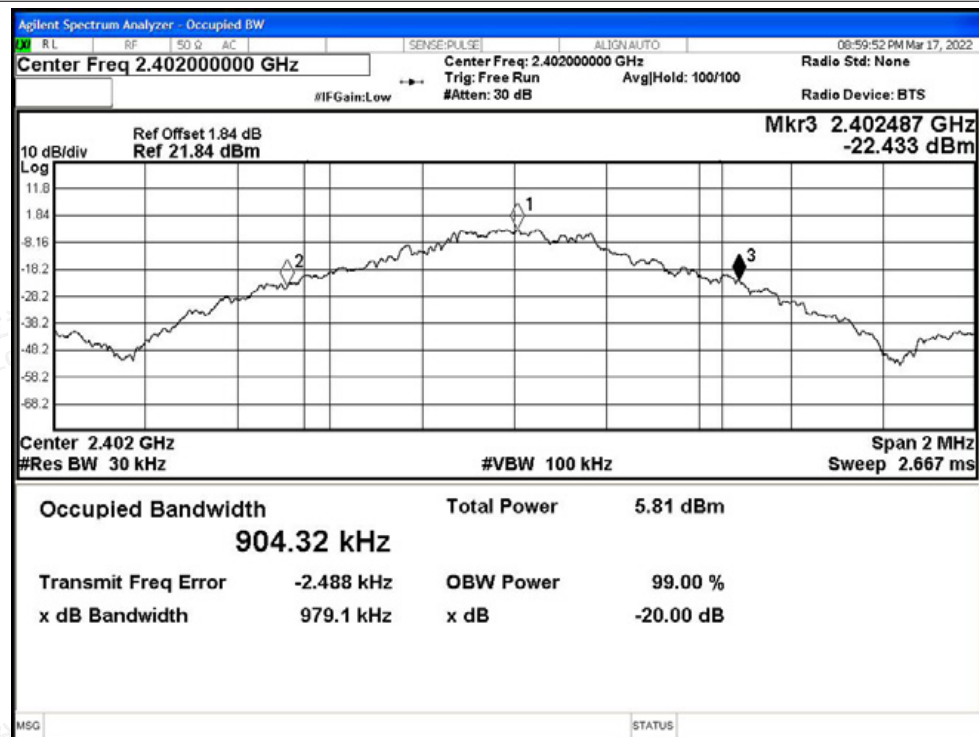
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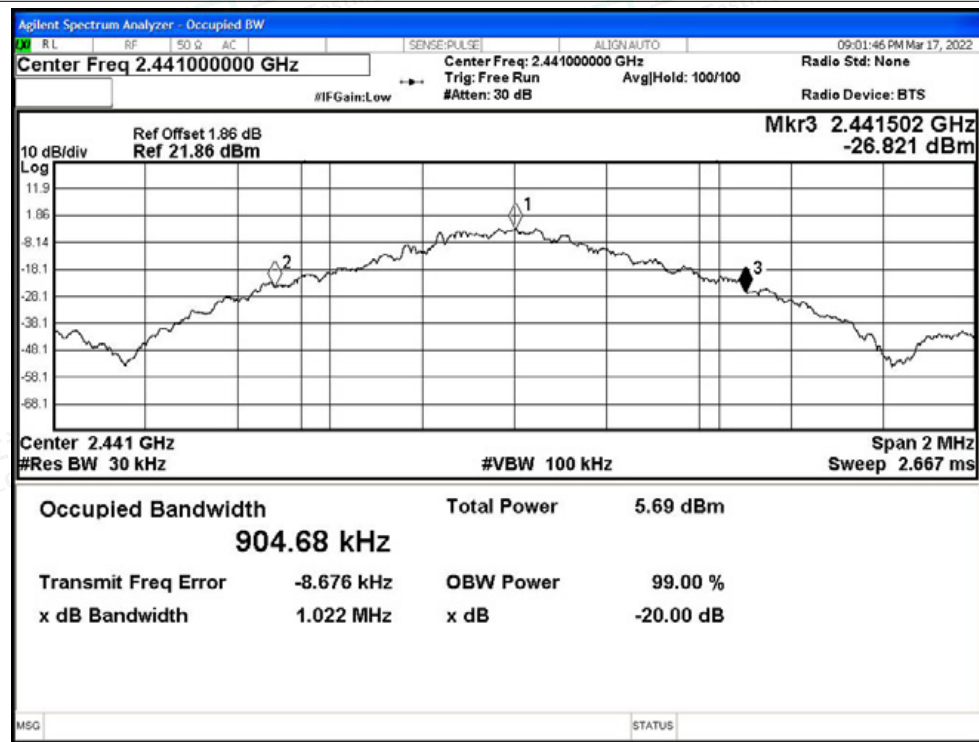


Test Graphs

-20dB Bandwidth NVNT 1-DH5 2402MHz Ant1



-20dB Bandwidth NVNT 1-DH5 2441MHz Ant1



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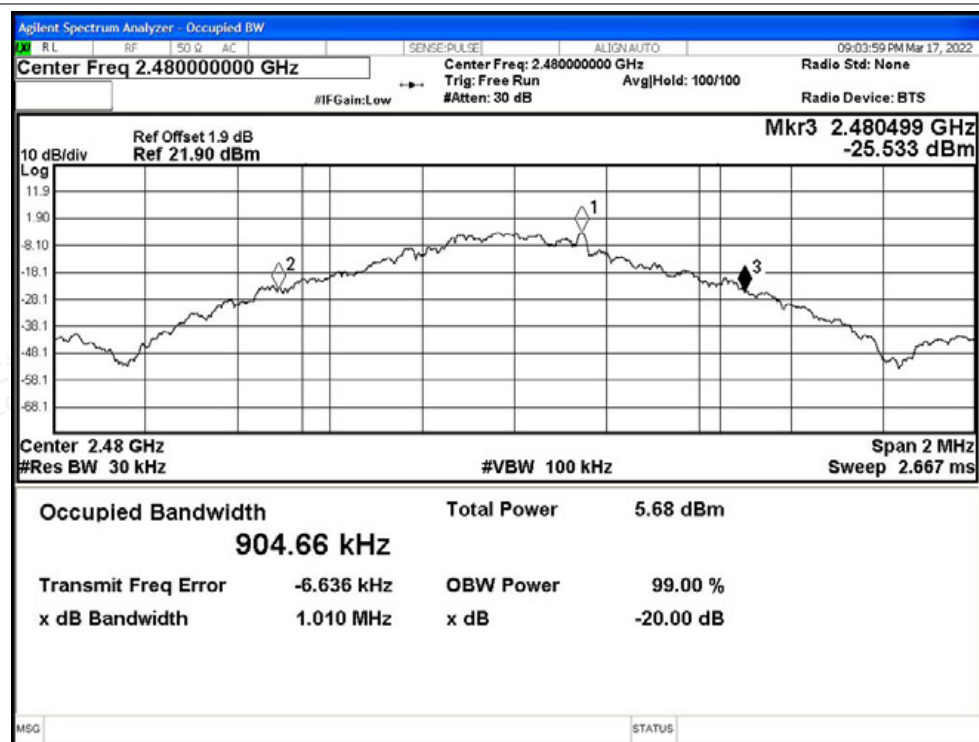
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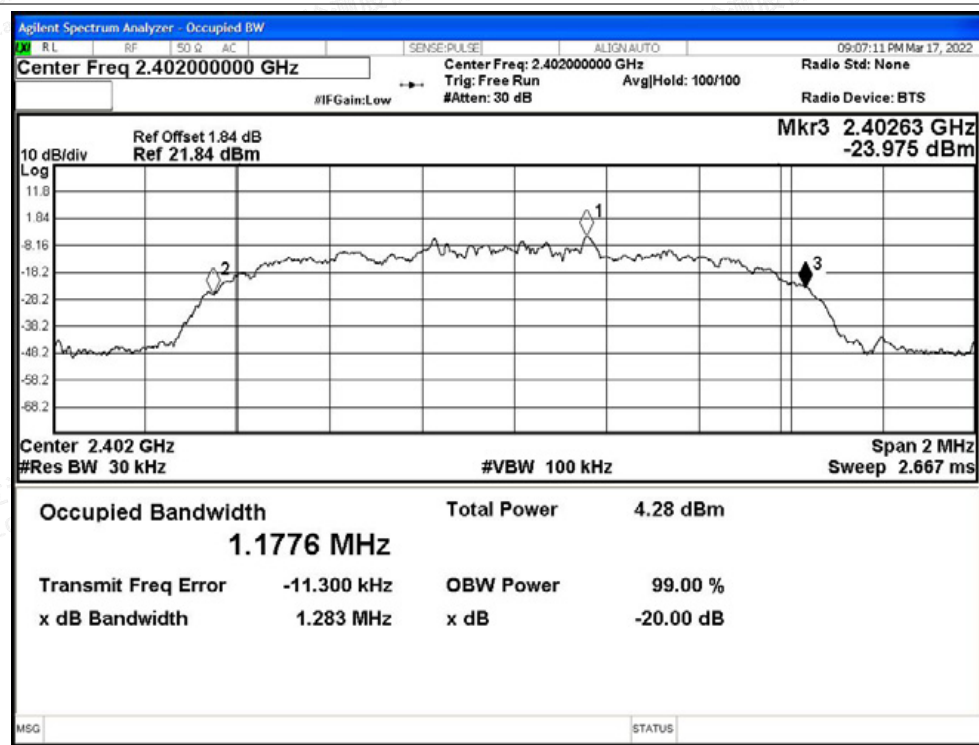
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-20dB Bandwidth NVNT 1-DH5 2480MHz Ant1



-20dB Bandwidth NVNT 2-DH5 2402MHz Ant1



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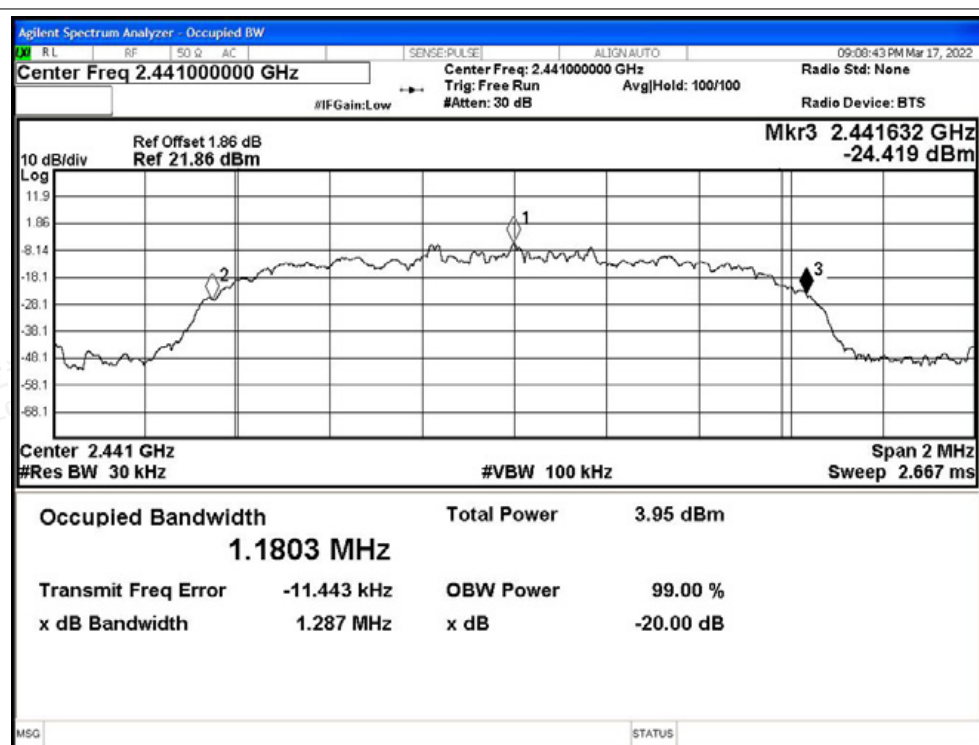
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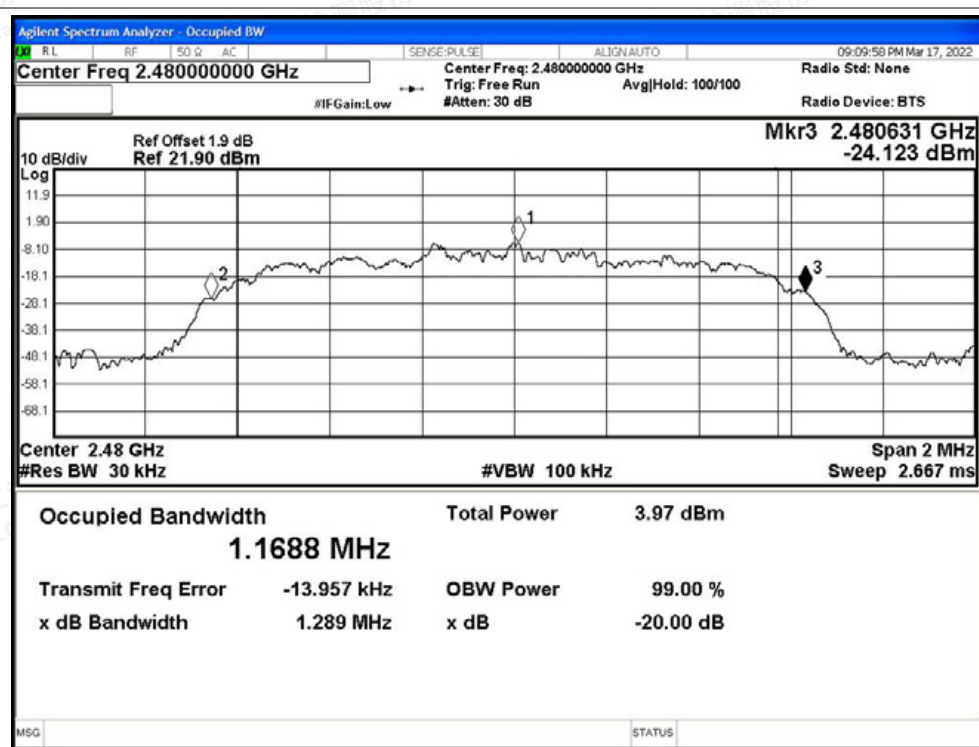
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-20dB Bandwidth NVNT 2-DH5 2441MHz Ant1



-20dB Bandwidth NVNT 2-DH5 2480MHz Ant1



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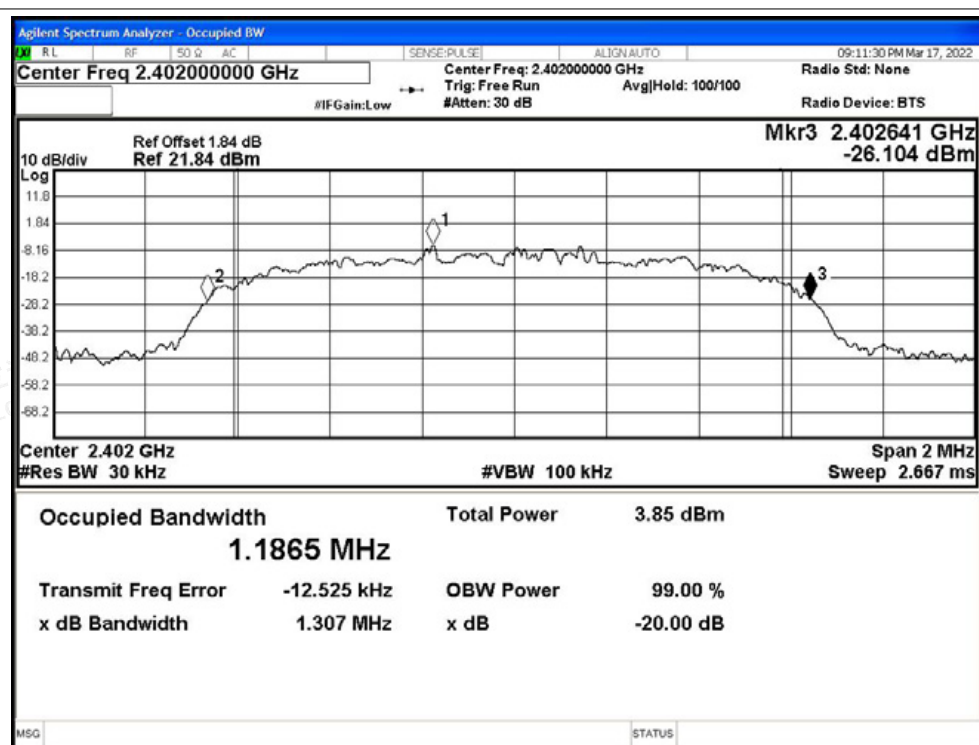
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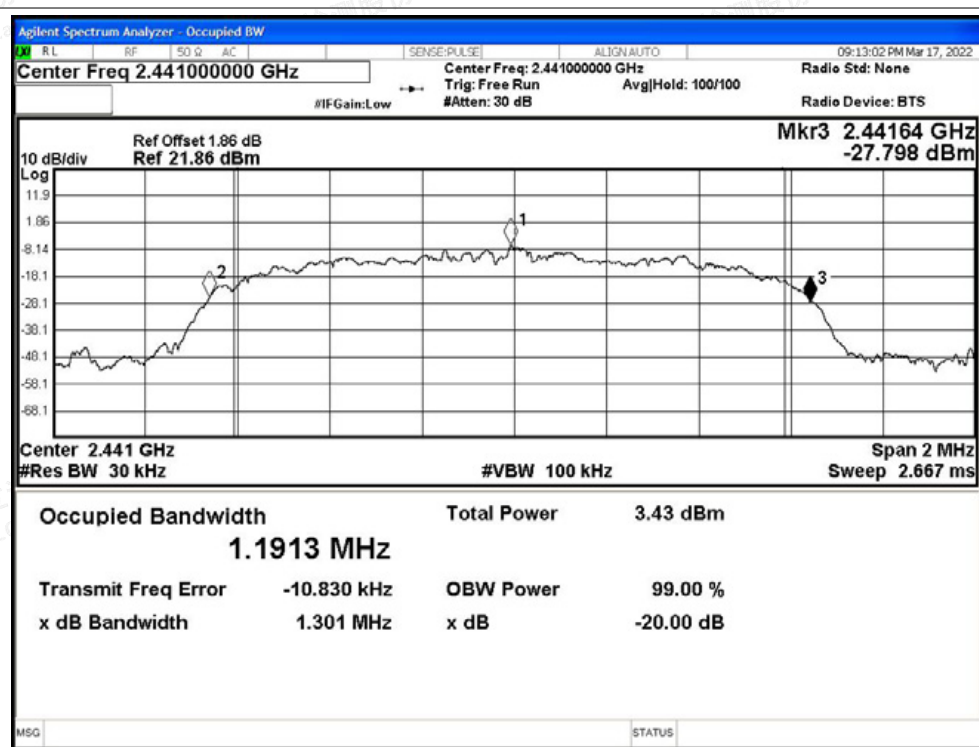
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-20dB Bandwidth NVNT 3-DH5 2402MHz Ant1



-20dB Bandwidth NVNT 3-DH5 2441MHz Ant1

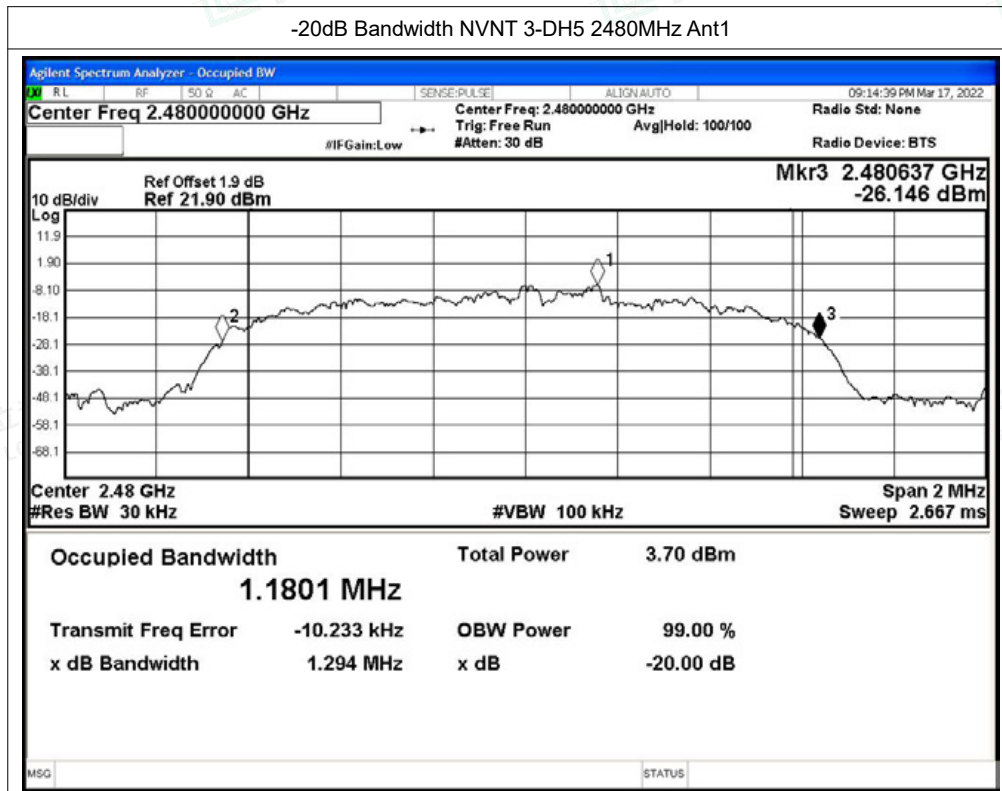


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A.2 Maximum Conducted Output Power

Condition	Mode	Frequency (MHz)	Antenna	Conducted Power (dBm)	Duty Factor (dB)	Total Power (dBm)	Limit (dBm)	Verdict
NVNT	1-DH5	2402	Ant1	-0.34	0	-0.34	21	Pass
NVNT	1-DH5	2441	Ant1	-0.26	0	-0.26	21	Pass
NVNT	1-DH5	2480	Ant1	-0.59	0	-0.59	21	Pass
NVNT	2-DH5	2402	Ant1	-0.69	0	-0.69	21	Pass
NVNT	2-DH5	2441	Ant1	-0.79	0	-0.79	21	Pass
NVNT	2-DH5	2480	Ant1	-0.88	0	-0.88	21	Pass
NVNT	3-DH5	2402	Ant1	-0.68	0	-0.68	21	Pass
NVNT	3-DH5	2441	Ant1	-0.82	0	-0.82	21	Pass
NVNT	3-DH5	2480	Ant1	-0.95	0	-0.95	21	Pass



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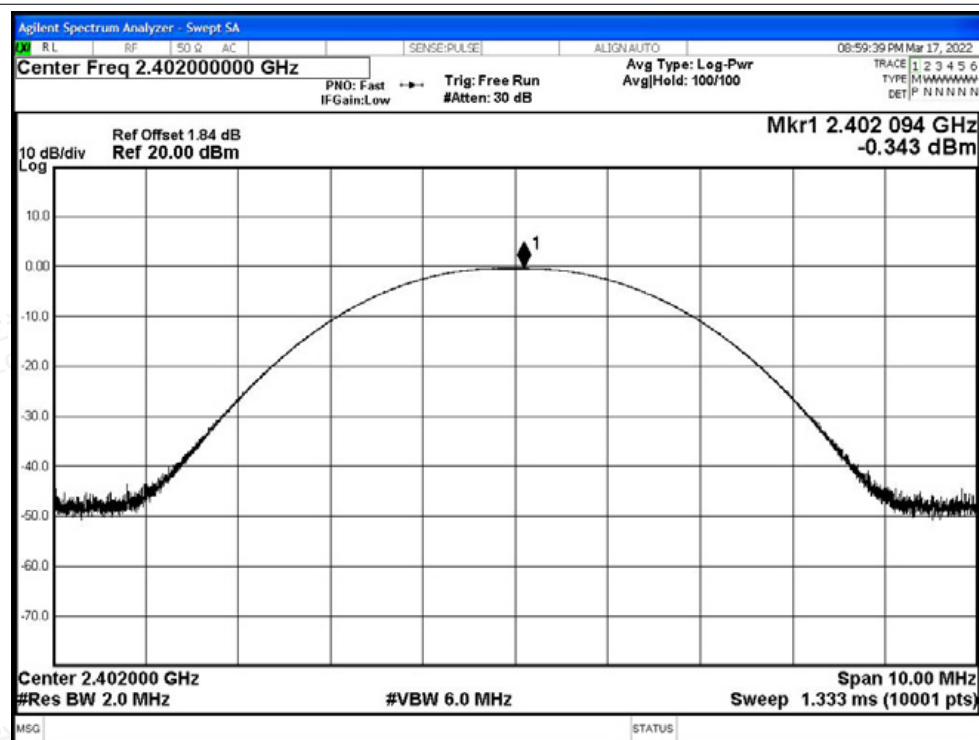
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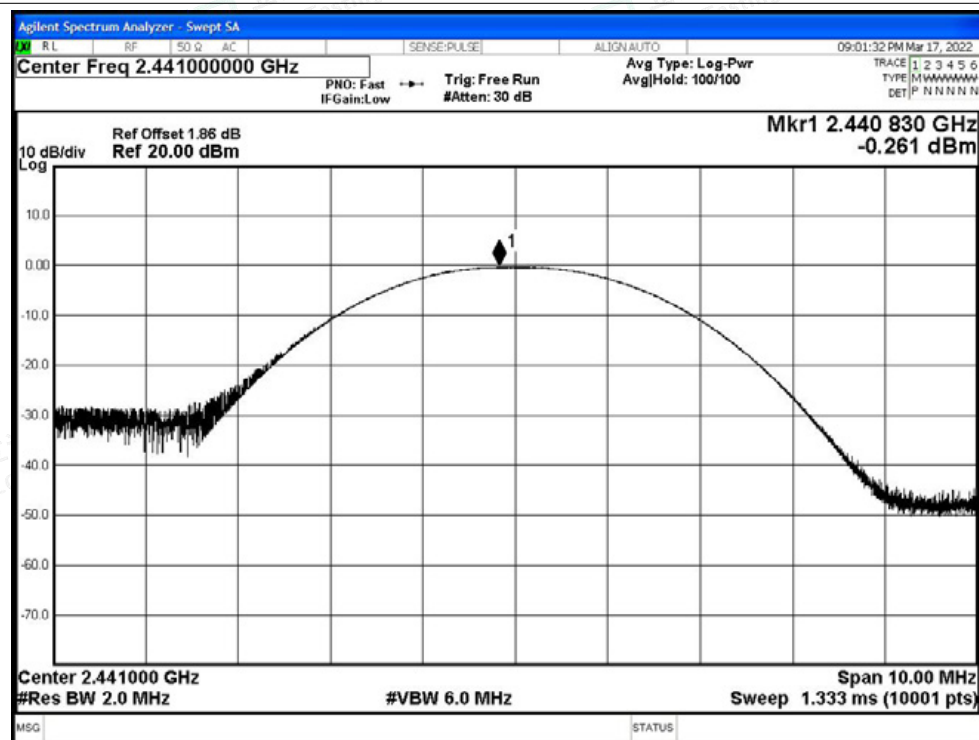


Test Graphs

Power NVNT 1-DH5 2402MHz Ant1



Power NVNT 1-DH5 2441MHz Ant1



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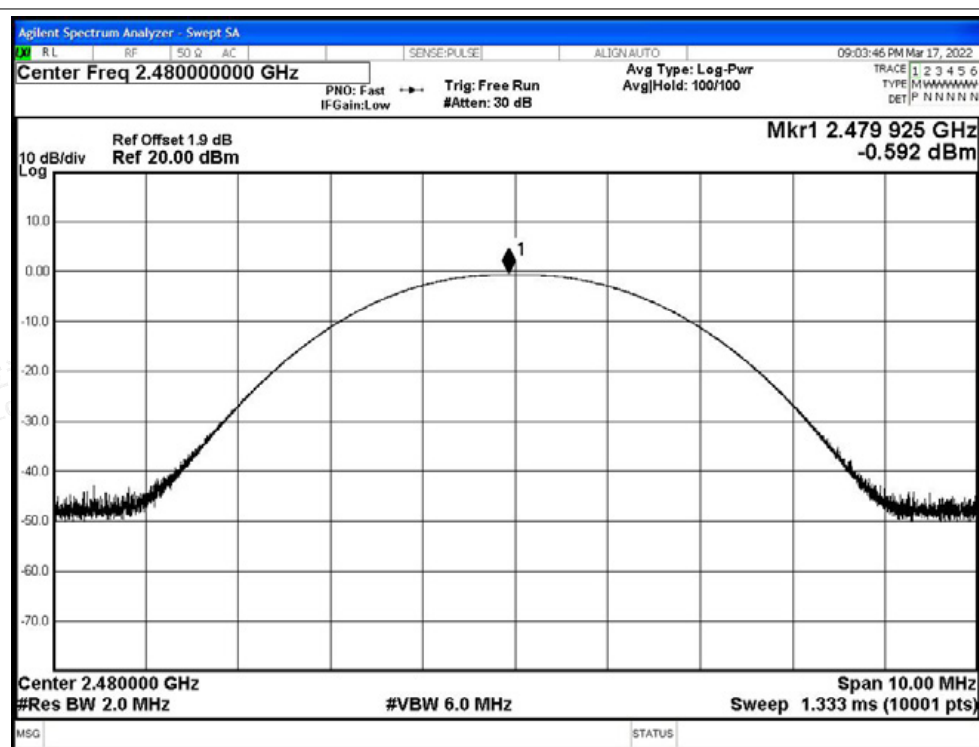
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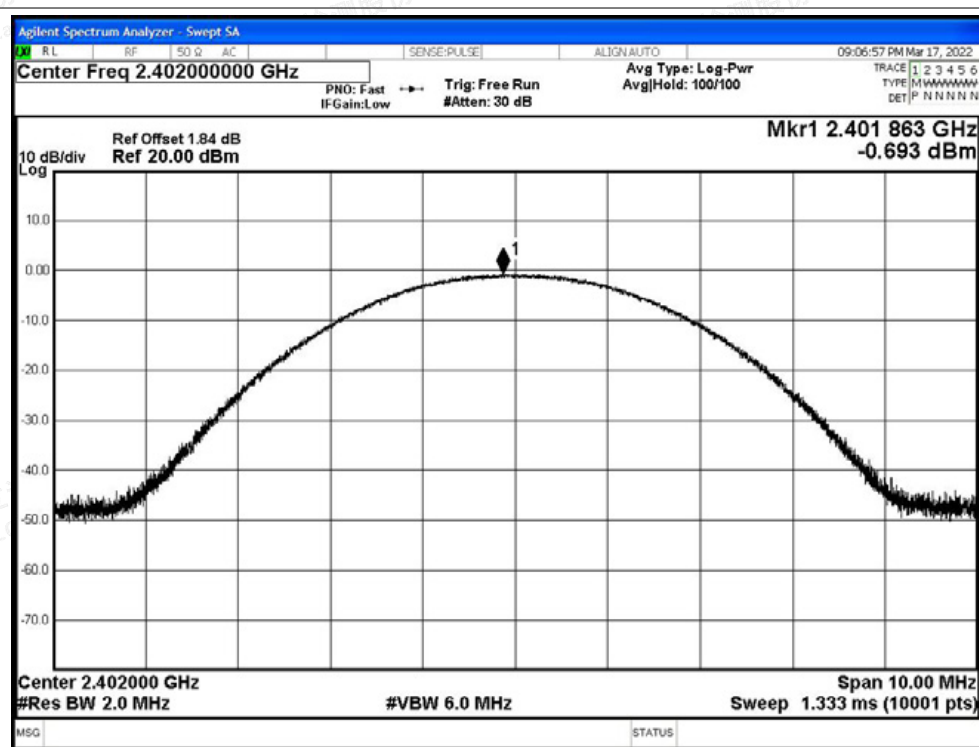
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Power NVNT 1-DH5 2480MHz Ant1



Power NVNT 2-DH5 2402MHz Ant1



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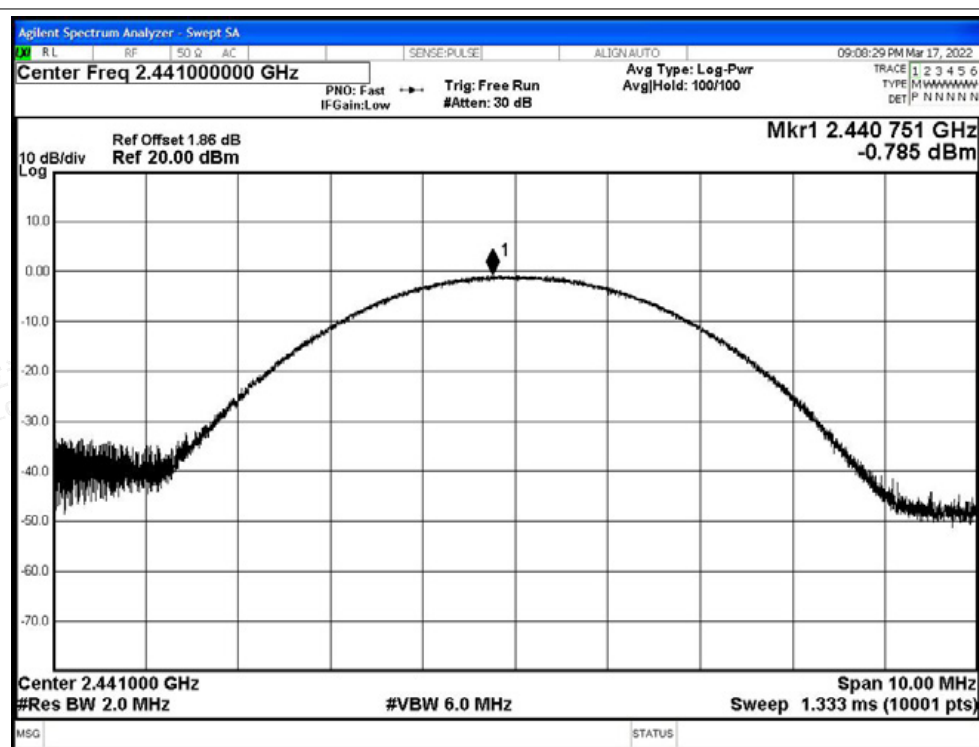
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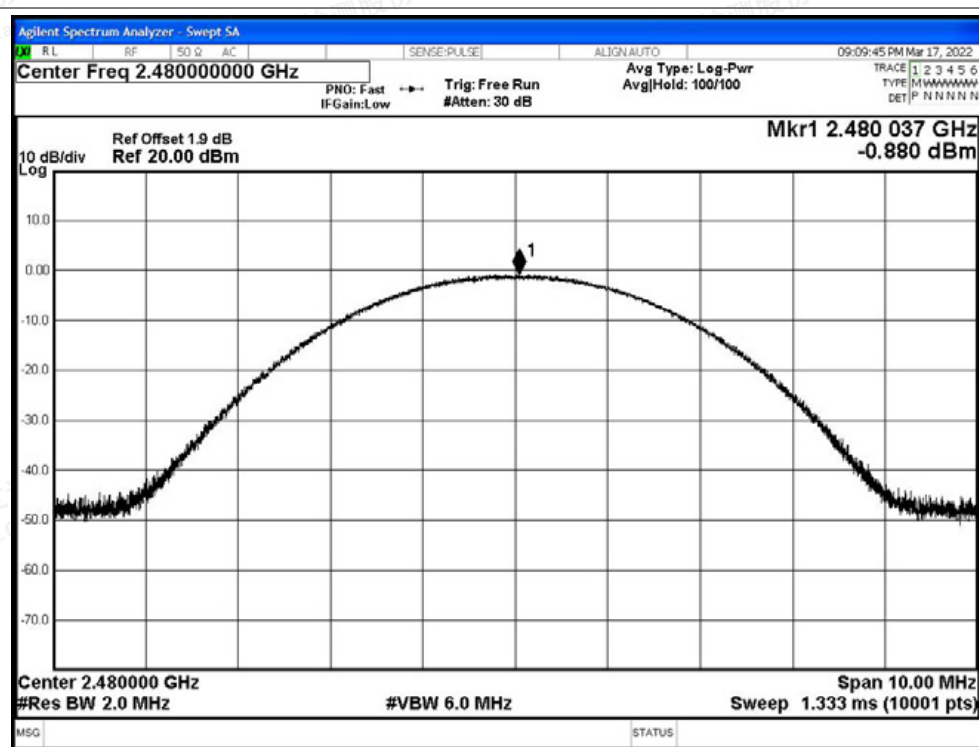
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Power NVNT 2-DH5 2441MHz Ant1



Power NVNT 2-DH5 2480MHz Ant1



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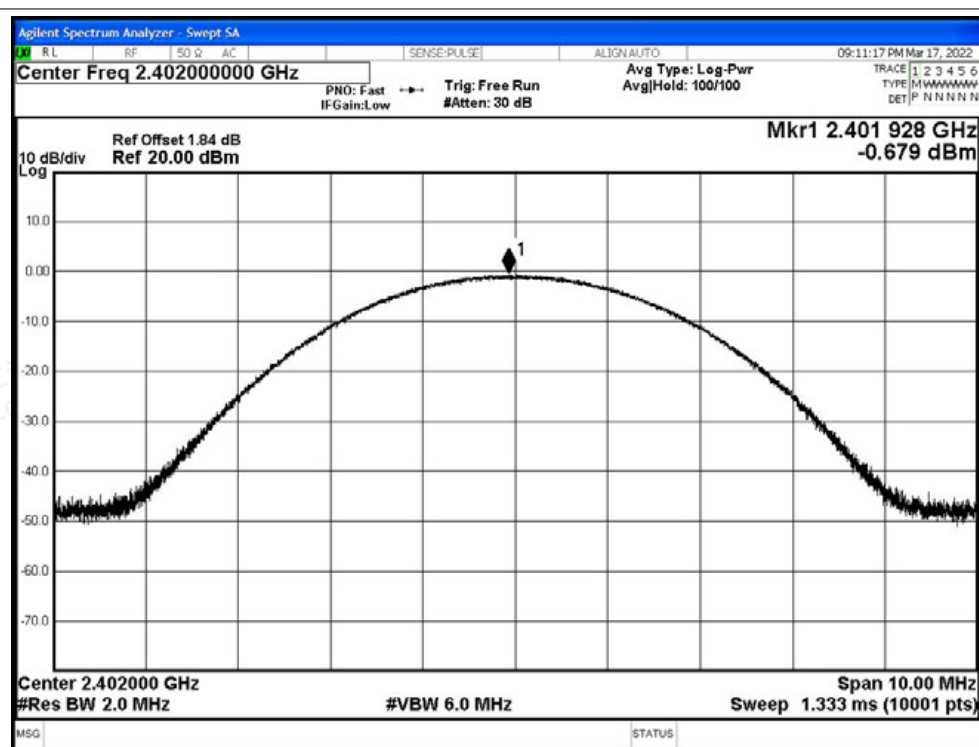
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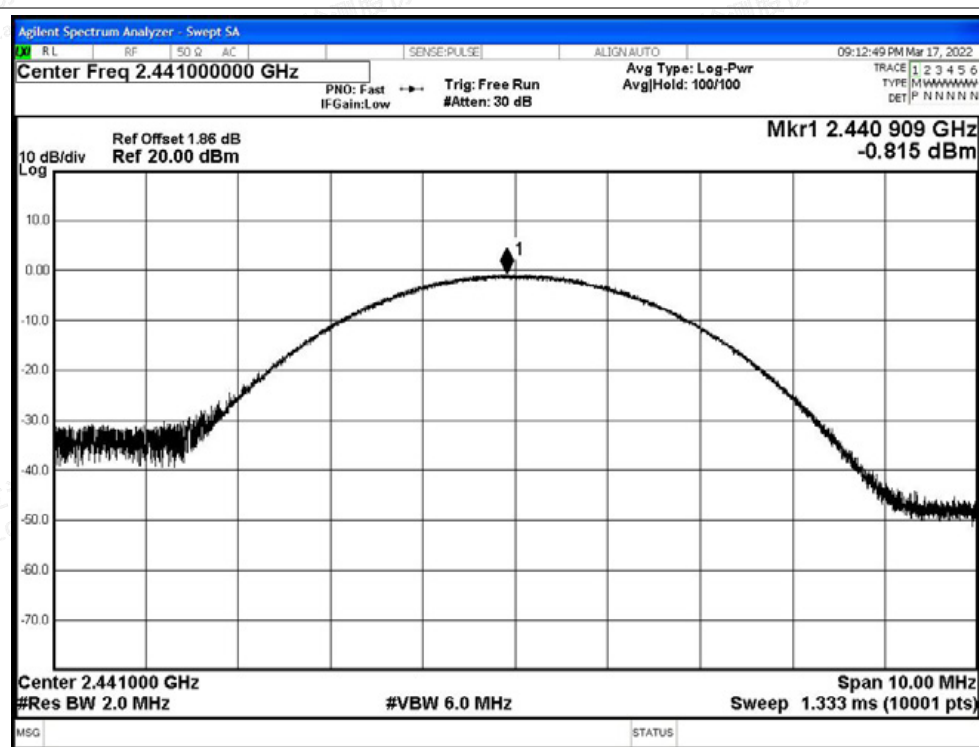
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Power NVNT 3-DH5 2402MHz Ant1



Power NVNT 3-DH5 2441MHz Ant1

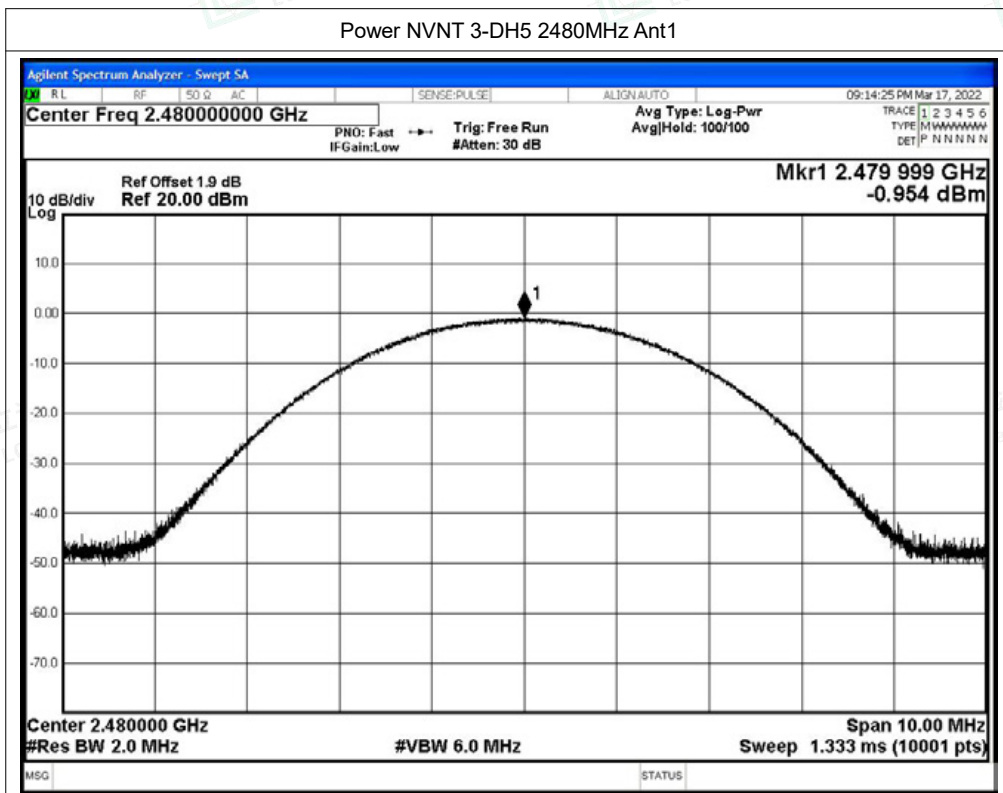


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A.3 Frequencies Separation

Condition	Mode	Antenna	Hopping Freq1 (MHz)	Hopping Freq2 (MHz)	HFS (MHz)	Limit (MHz)	Verdict
NVNT	1-DH5	Ant1	2402.004	2403.004	1	0.653	Pass
NVNT	1-DH5	Ant1	2441.152	2442.148	0.996	0.681	Pass
NVNT	1-DH5	Ant1	2479.154	2480.154	1	0.673	Pass
NVNT	2-DH5	Ant1	2402.002	2403.15	1.148	0.855	Pass
NVNT	2-DH5	Ant1	2441.15	2442.156	1.006	0.858	Pass
NVNT	2-DH5	Ant1	2479.158	2480.052	0.894	0.859	Pass
NVNT	3-DH5	Ant1	2401.964	2403.156	1.192	0.871	Pass
NVNT	3-DH5	Ant1	2440.968	2442.156	1.188	0.867	Pass
NVNT	3-DH5	Ant1	2479.01	2480.156	1.146	0.863	Pass



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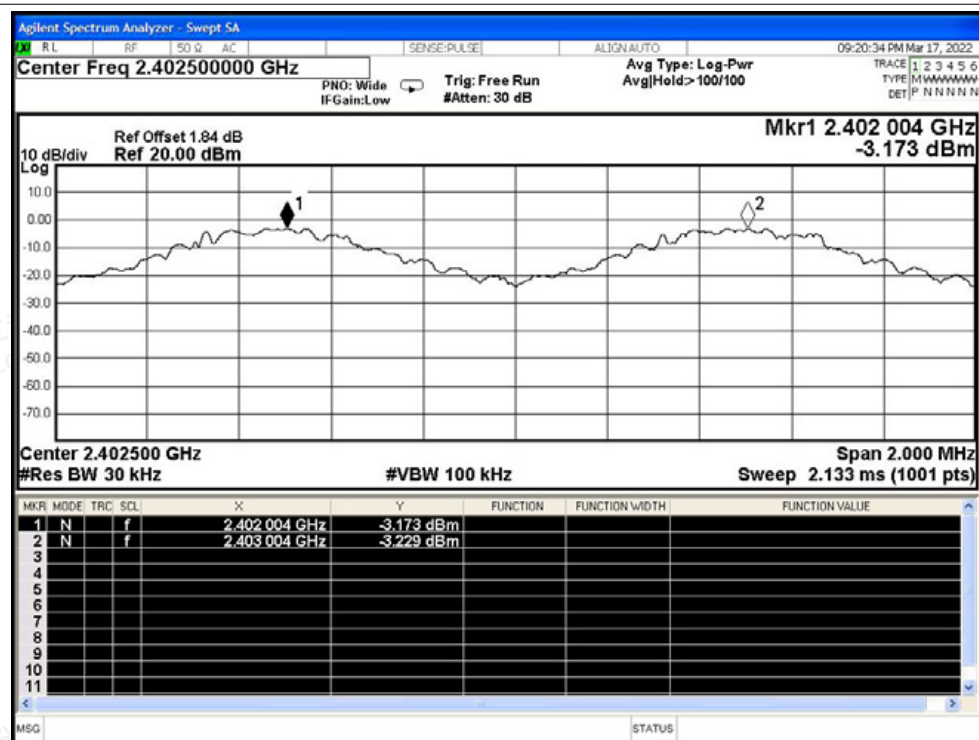
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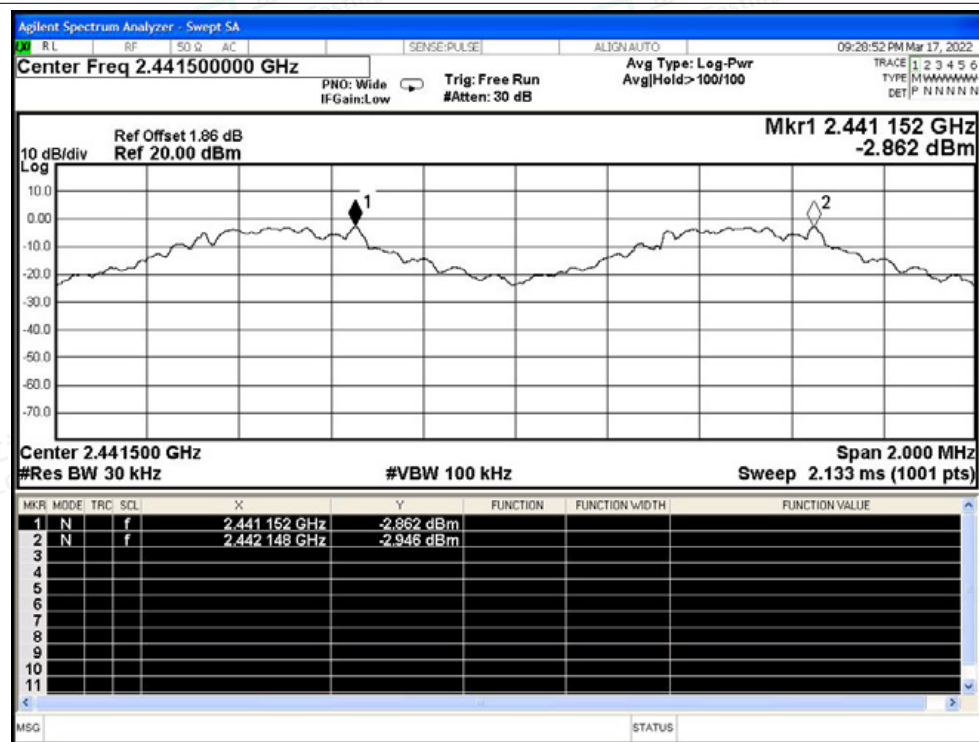


Test Graphs

CFS NVNT 1-DH5 2402MHz Ant1



CFS NVNT 1-DH5 2441MHz Ant1



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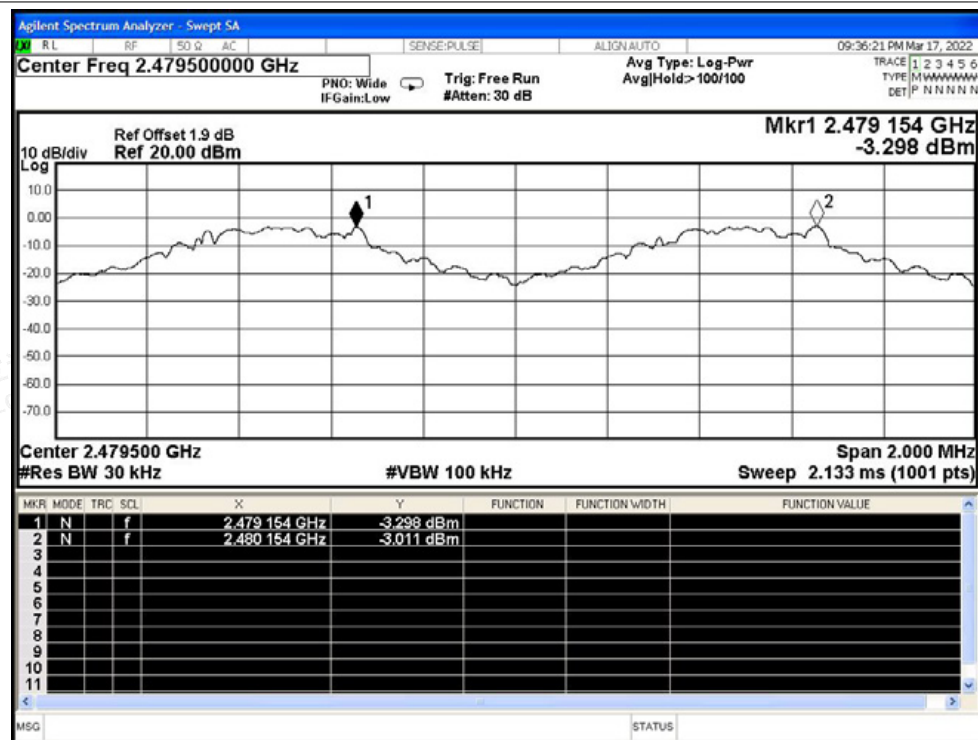
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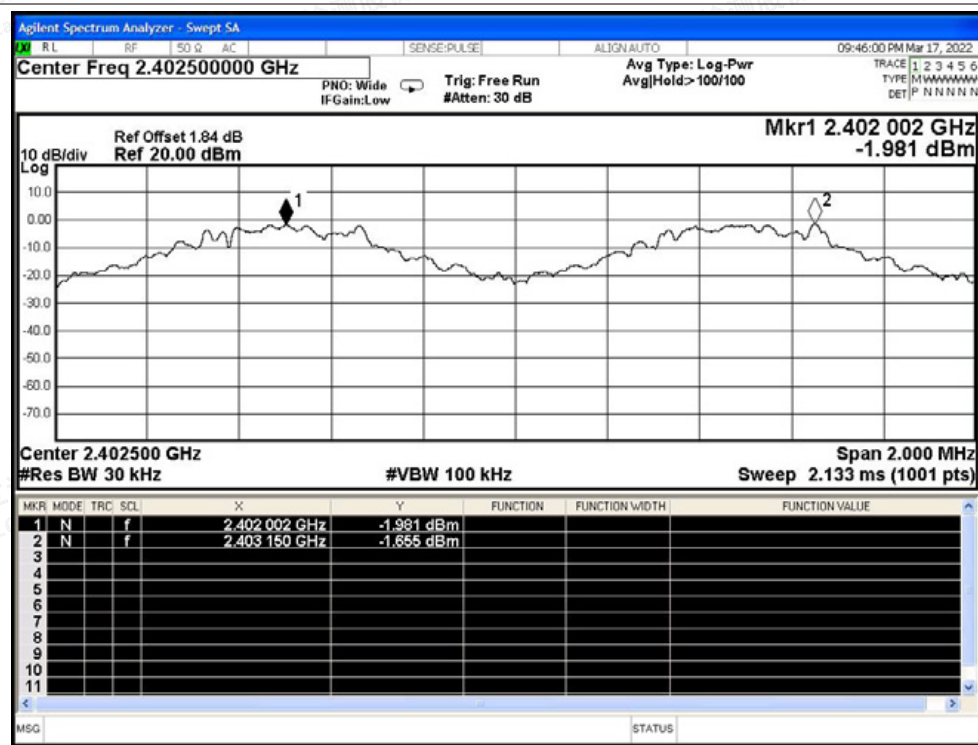
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CFS NVNT 1-DH5 2480MHz Ant1



CFS NVNT 2-DH5 2402MHz Ant1



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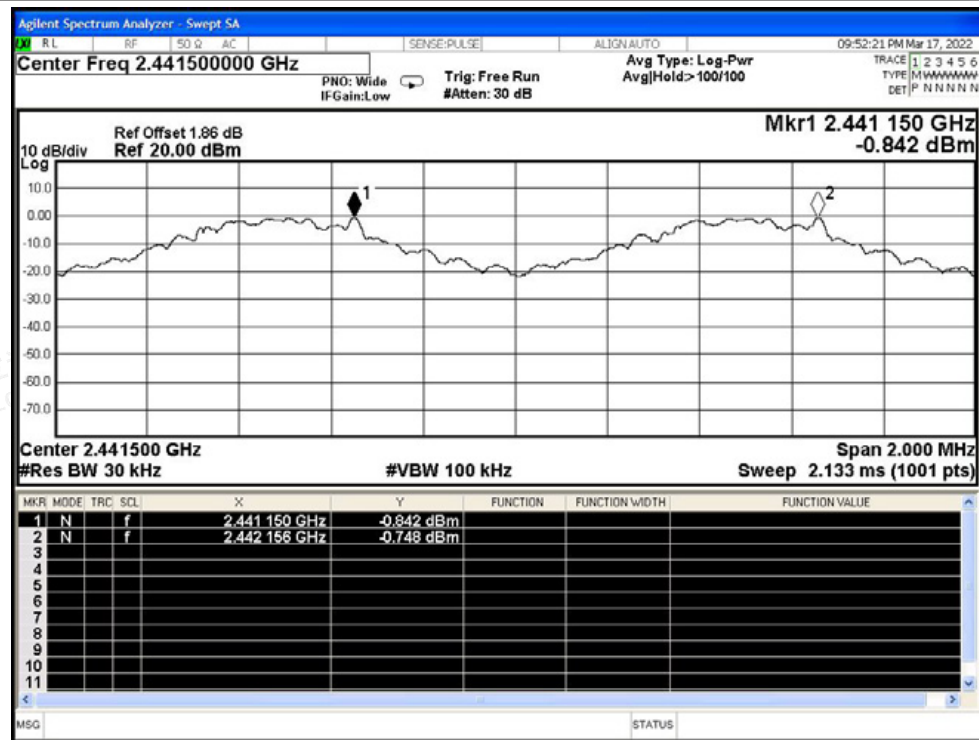
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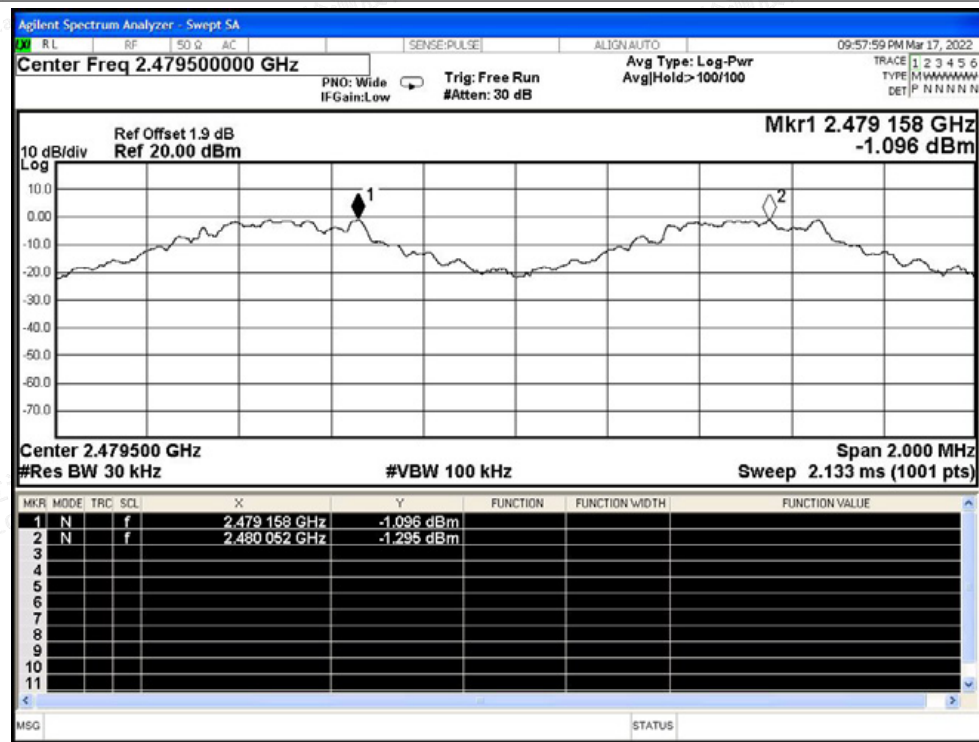
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CFS NVNT 2-DH5 2441MHz Ant1



CFS NVNT 2-DH5 2480MHz Ant1



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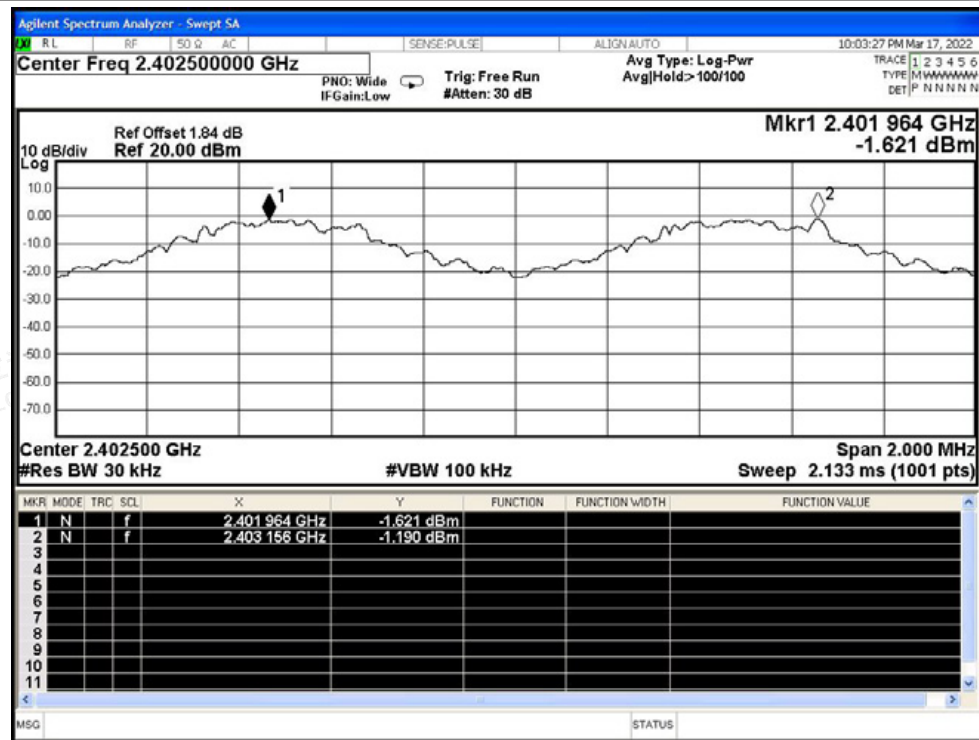
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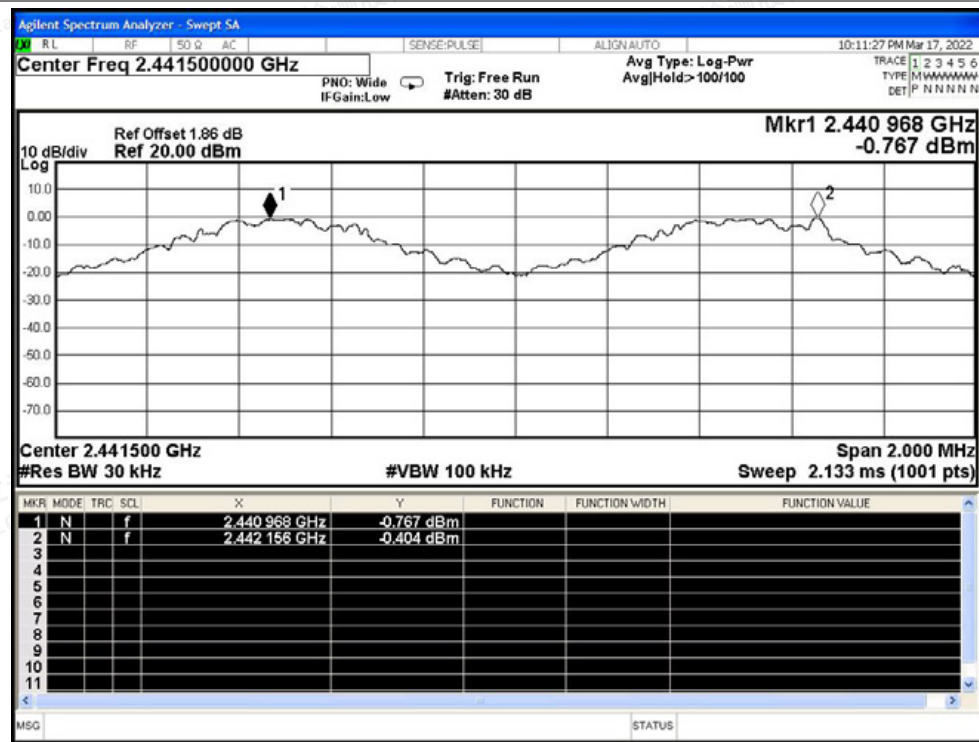
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CFS NVNT 3-DH5 2402MHz Ant1



CFS NVNT 3-DH5 2441MHz Ant1

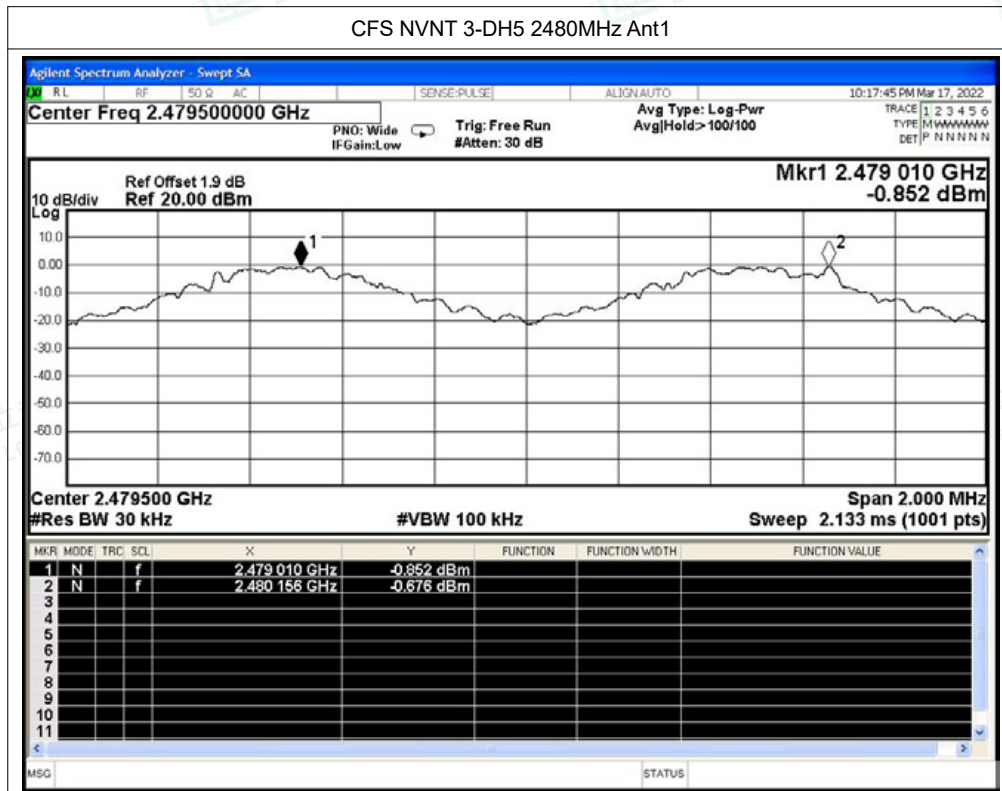


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A.4 Dwell Time

Condition	Mode	Frequency (MHz)	Antenna	Pulse Time (ms)	Total Dwell Time (ms)	Burst Count	Period Time (ms)	Limit (ms)	Verdict
NVNT	1-DH5	2402	Ant1	2.882	296.846	103	31600	400	Pass
NVNT	1-DH5	2441	Ant1	2.882	342.958	119	31600	400	Pass
NVNT	1-DH5	2480	Ant1	2.882	279.554	97	31600	400	Pass
NVNT	2-DH5	2402	Ant1	2.881	311.148	108	31600	400	Pass
NVNT	2-DH5	2441	Ant1	2.882	302.61	105	31600	400	Pass
NVNT	2-DH5	2480	Ant1	2.882	317.02	110	31600	400	Pass
NVNT	3-DH5	2402	Ant1	2.882	308.374	107	31600	400	Pass
NVNT	3-DH5	2441	Ant1	2.882	328.548	114	31600	400	Pass
NVNT	3-DH5	2480	Ant1	2.881	339.958	118	31600	400	Pass



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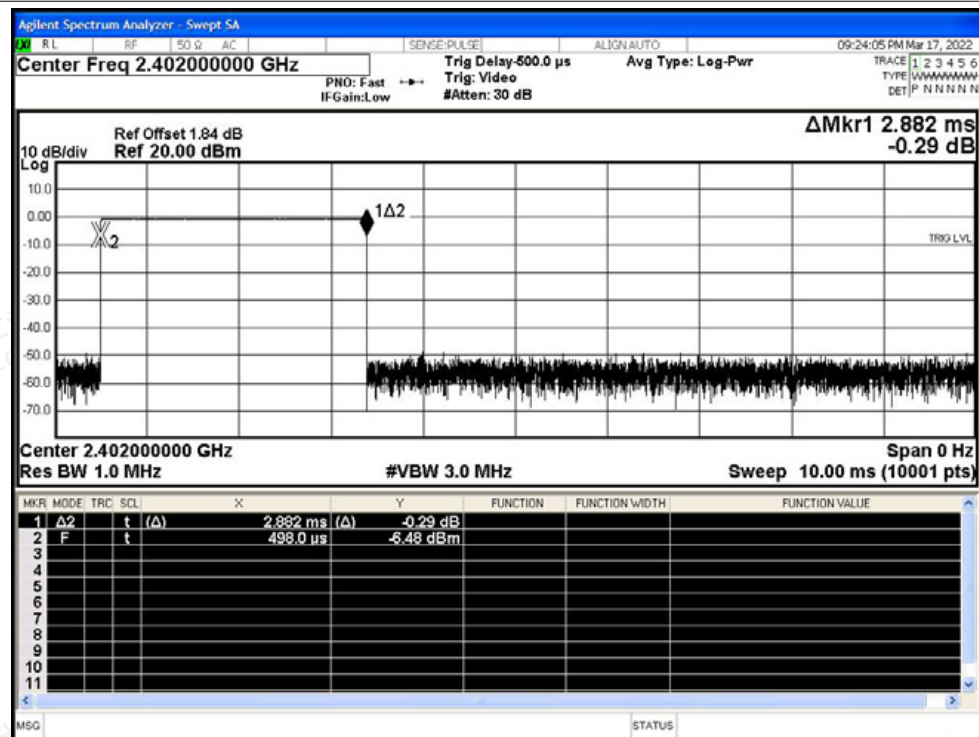
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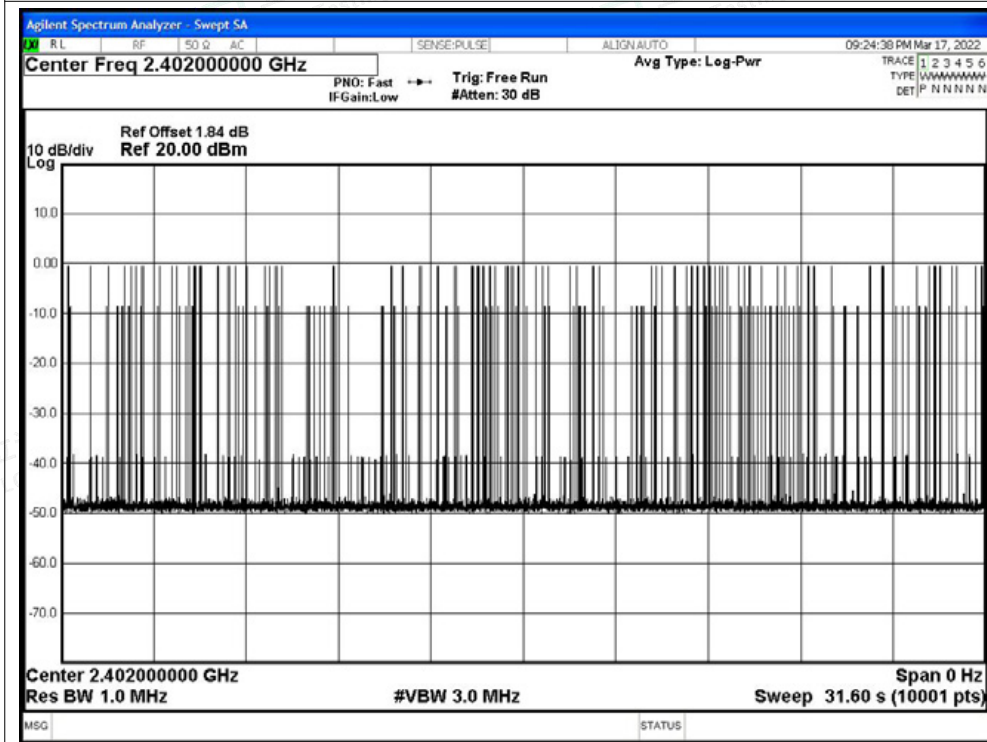


Test Graphs

Dwell NVNT 1-DH5 2402MHz Ant1 One Burst



Dwell NVNT 1-DH5 2402MHz Ant1 Accumulated



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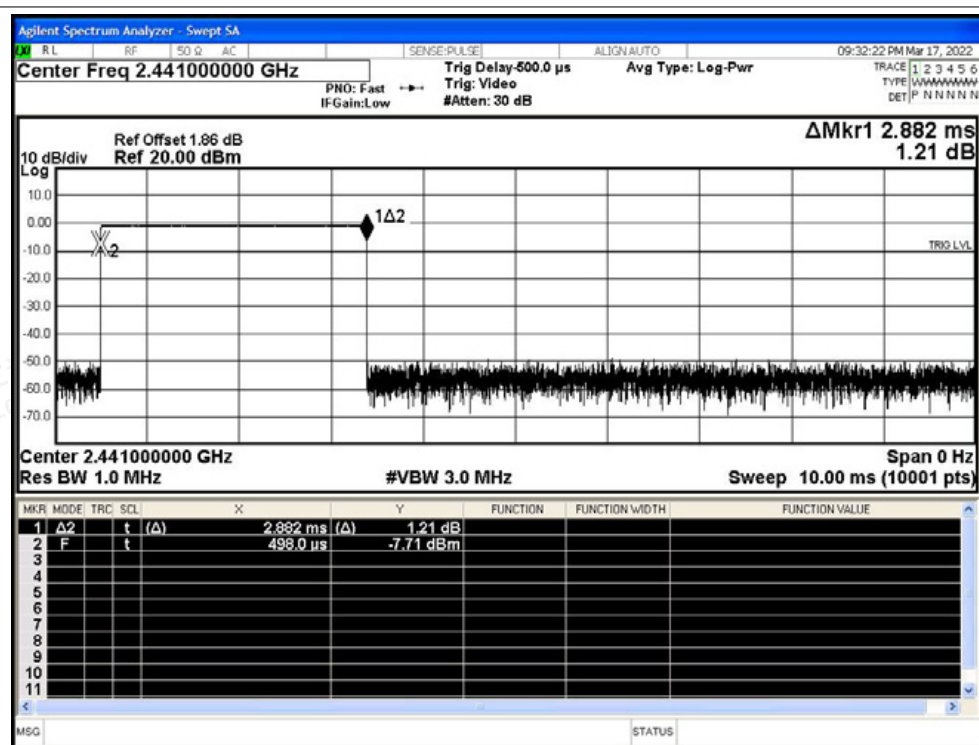
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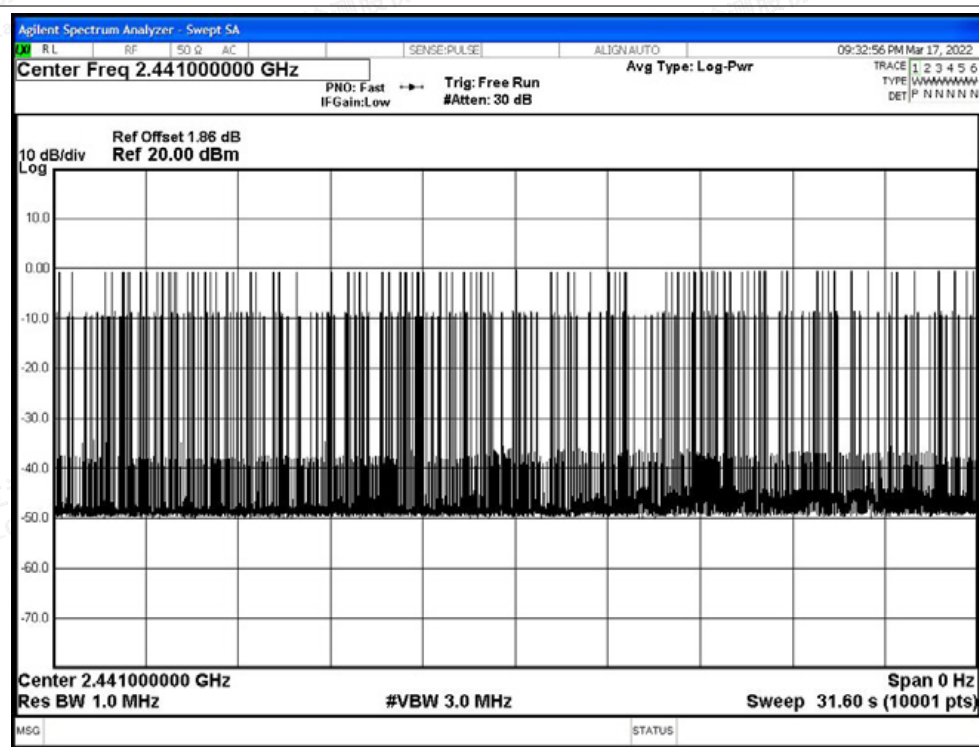
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Dwell NVNT 1-DH5 2441MHz Ant1 One Burst



Dwell NVNT 1-DH5 2441MHz Ant1 Accumulated



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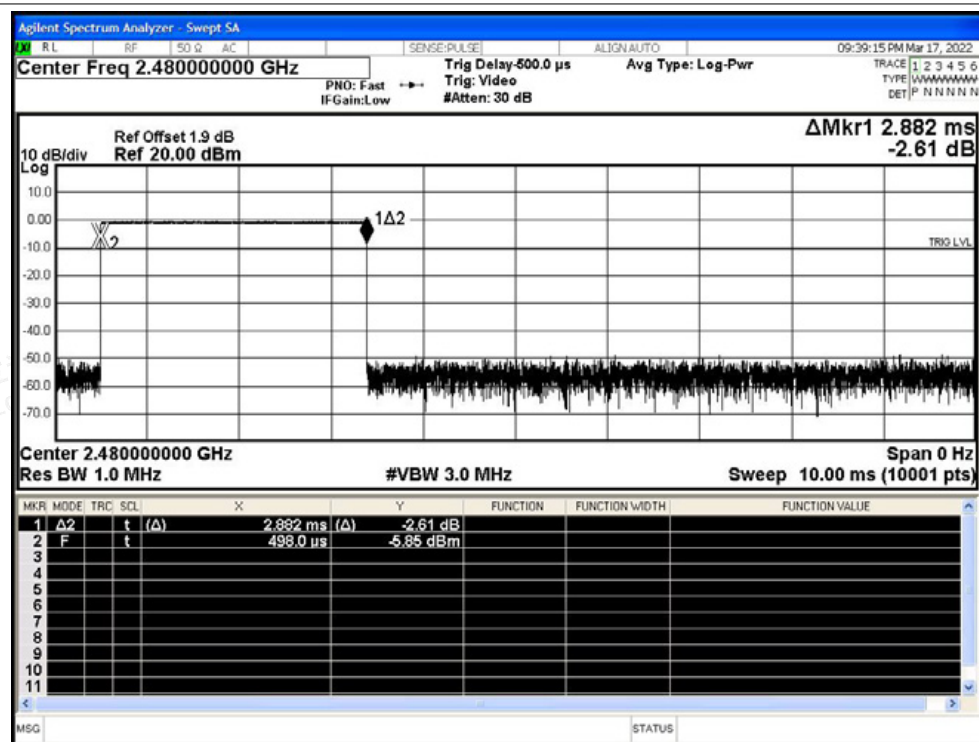
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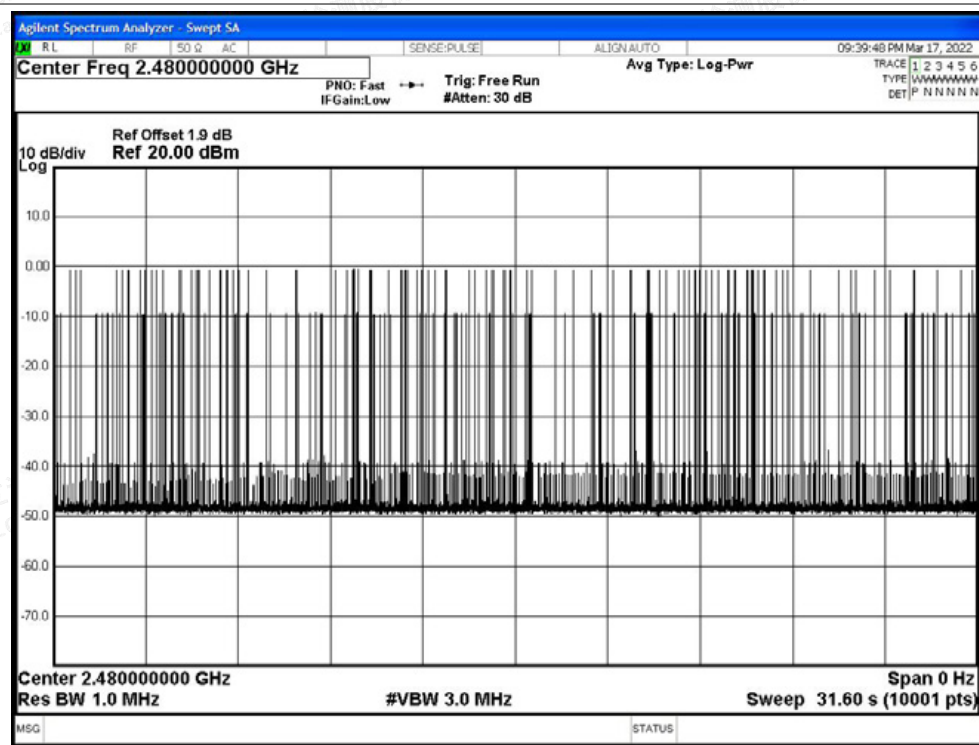
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Dwell NVNT 1-DH5 2480MHz Ant1 One Burst



Dwell NVNT 1-DH5 2480MHz Ant1 Accumulated



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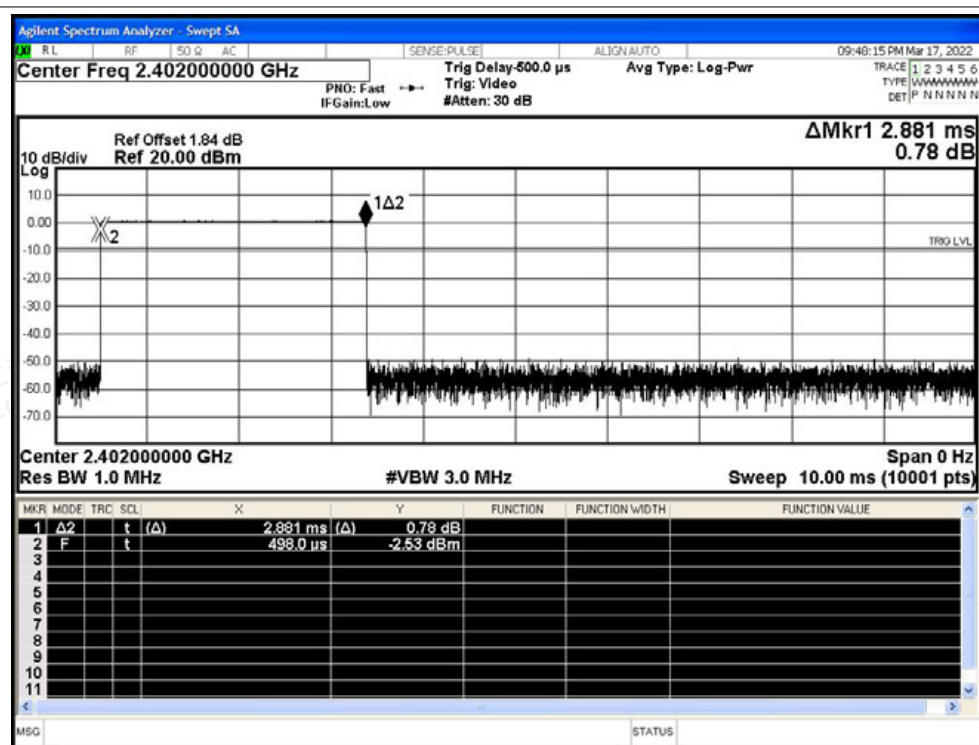
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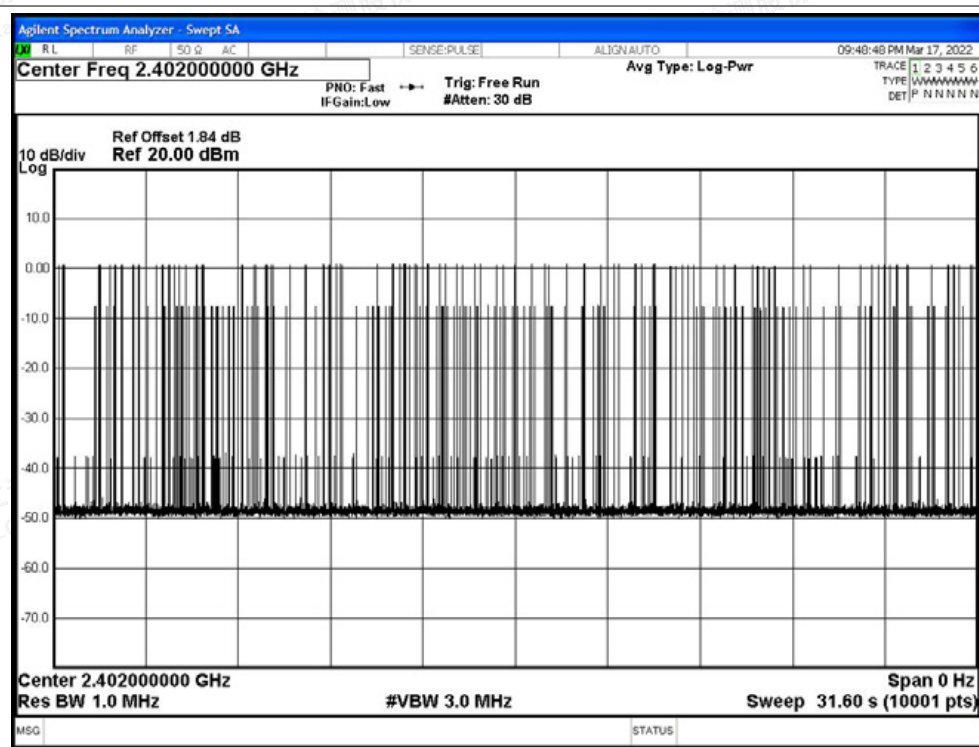
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Dwell NVNT 2-DH5 2402MHz Ant1 One Burst



Dwell NVNT 2-DH5 2402MHz Ant1 Accumulated



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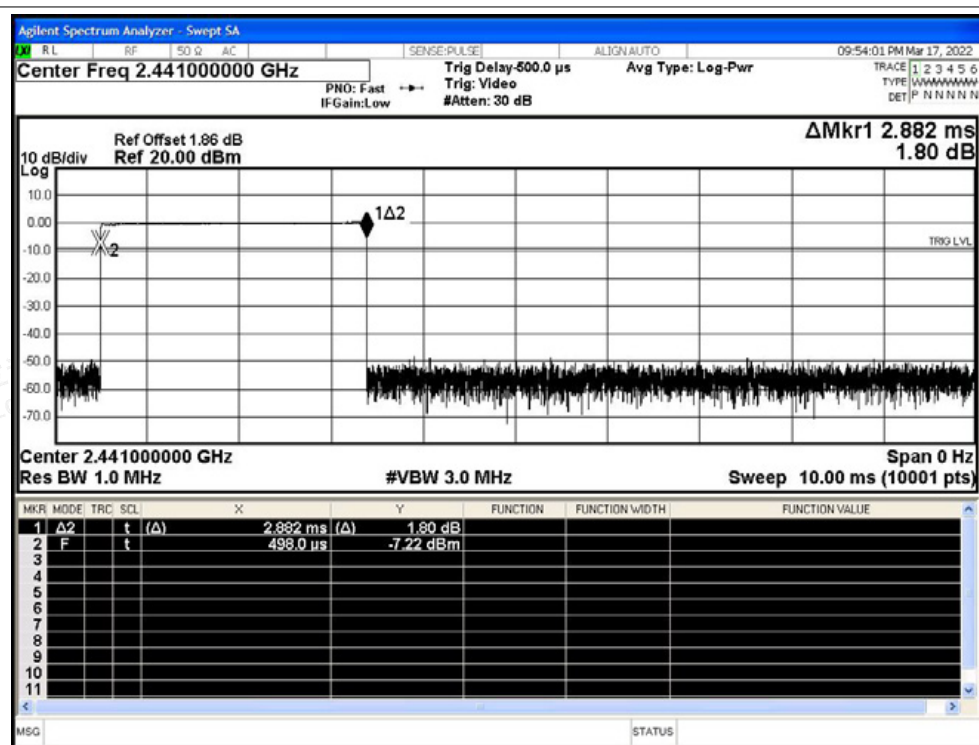
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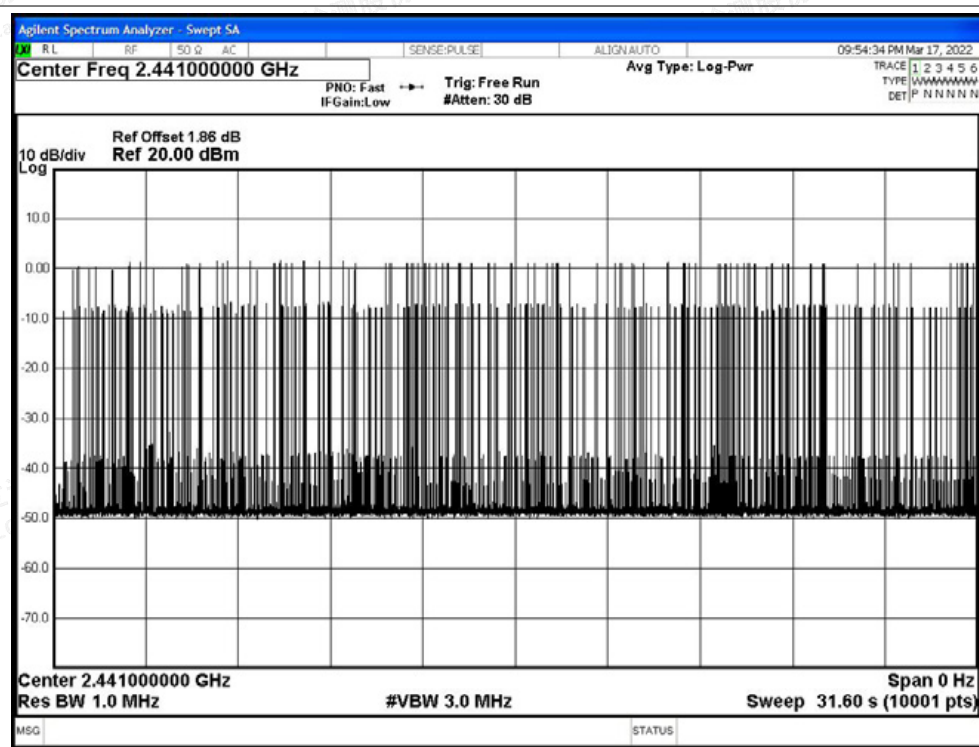
Scan code to check authenticity



Dwell NVNT 2-DH5 2441MHz Ant1 One Burst



Dwell NVNT 2-DH5 2441MHz Ant1 Accumulated



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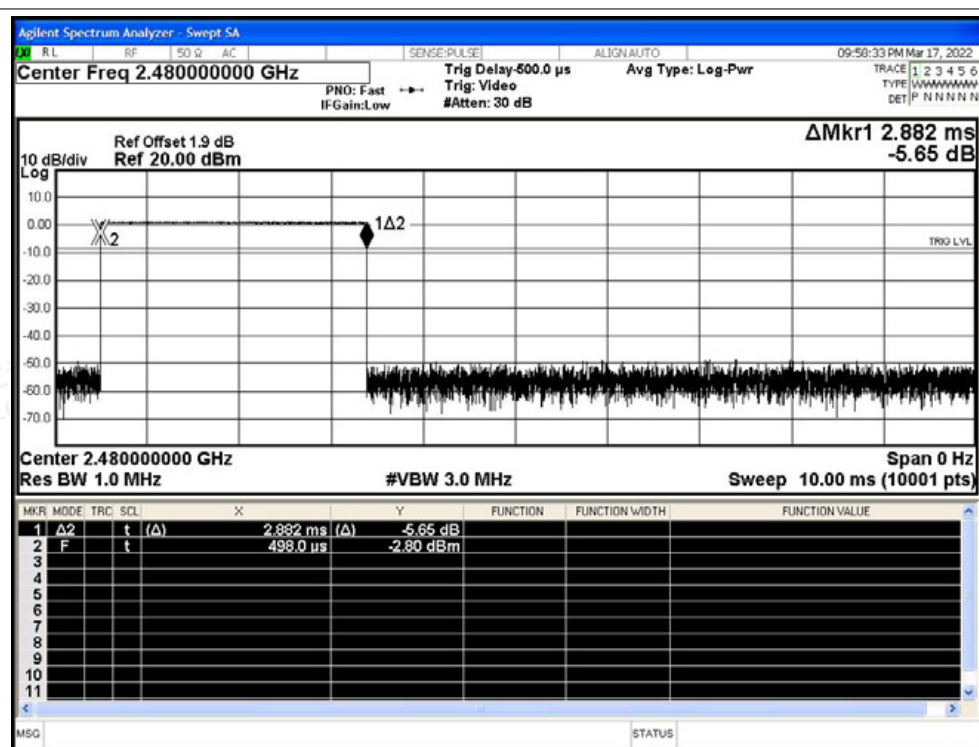
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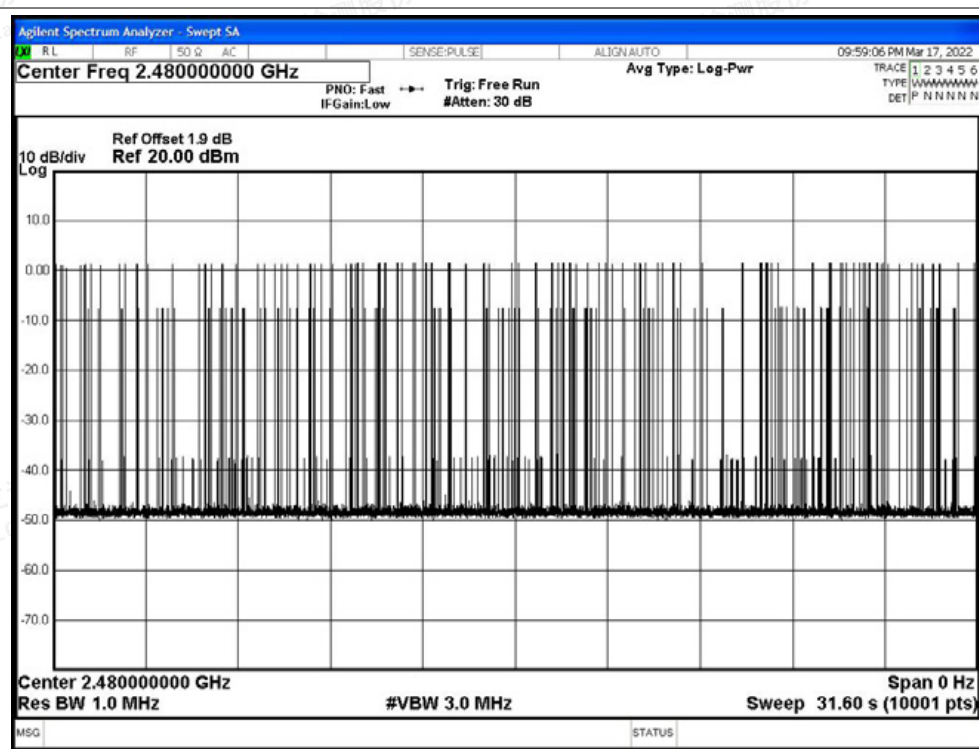
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Dwell NVNT 2-DH5 2480MHz Ant1 One Burst



Dwell NVNT 2-DH5 2480MHz Ant1 Accumulated



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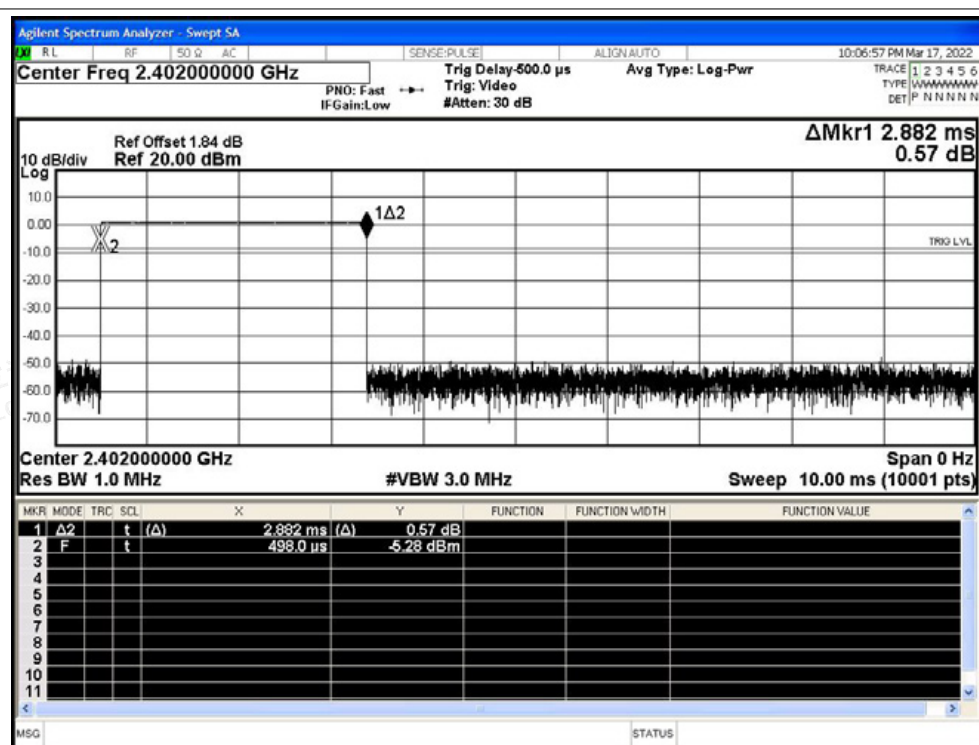
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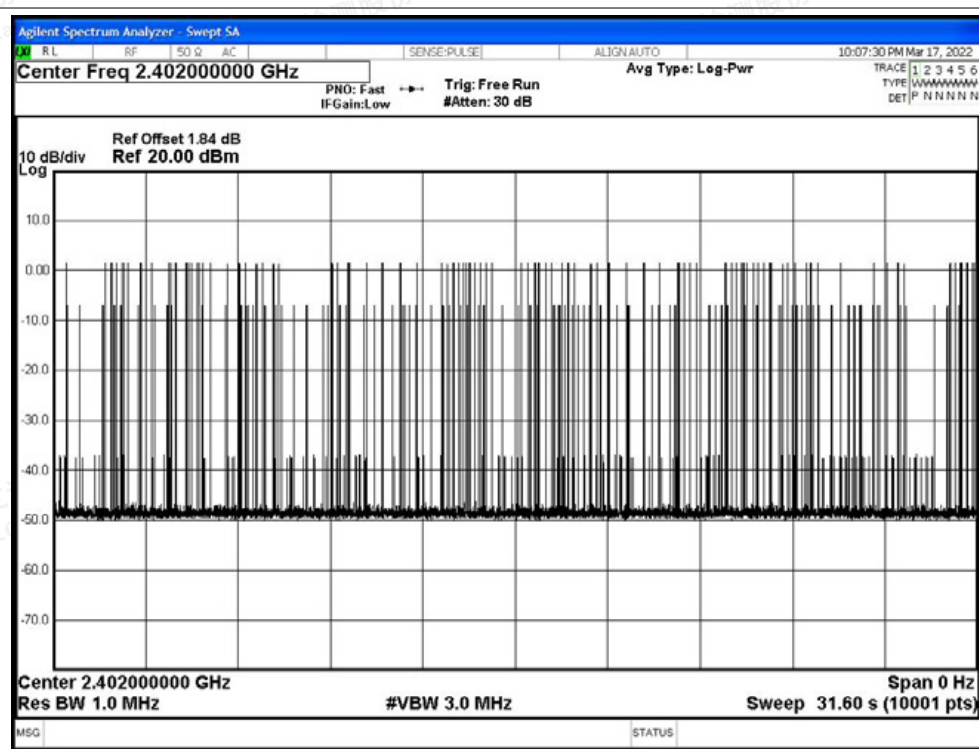
Scan code to check authenticity



Dwell NVNT 3-DH5 2402MHz Ant1 One Burst



Dwell NVNT 3-DH5 2402MHz Ant1 Accumulated



Shenzhen LCS Compliance Testing Laboratory Ltd.

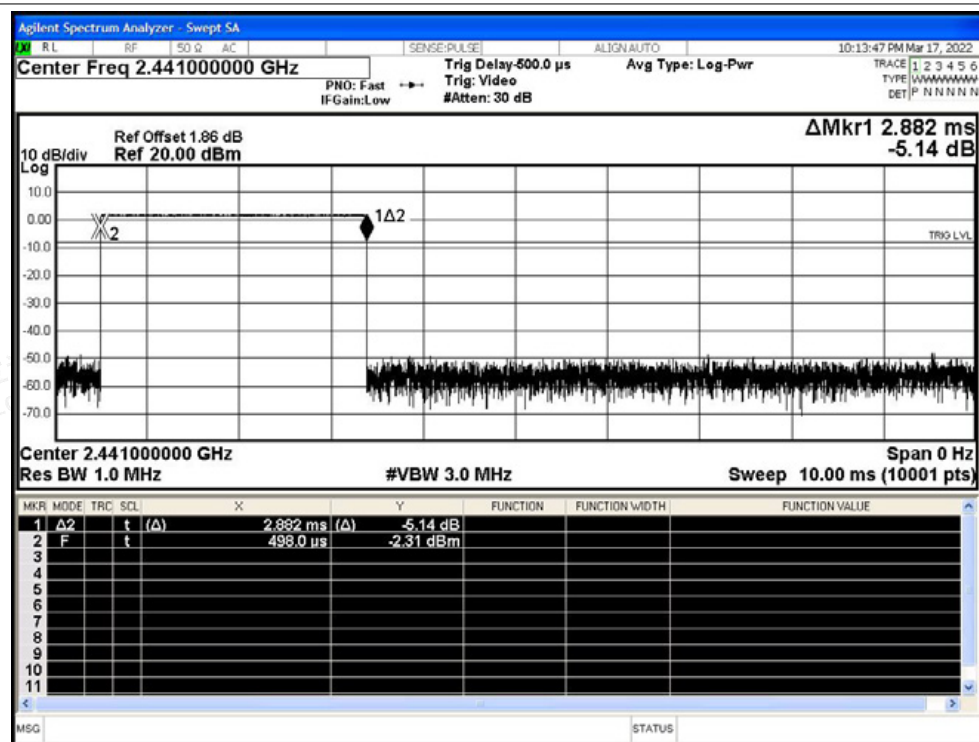
Add: 101, 201 Bldg A & 301 Bldg C, Juji Industrial Park Yabianxueziwei, Shajing Street, Baoan District, Shenzhen, 518000, China

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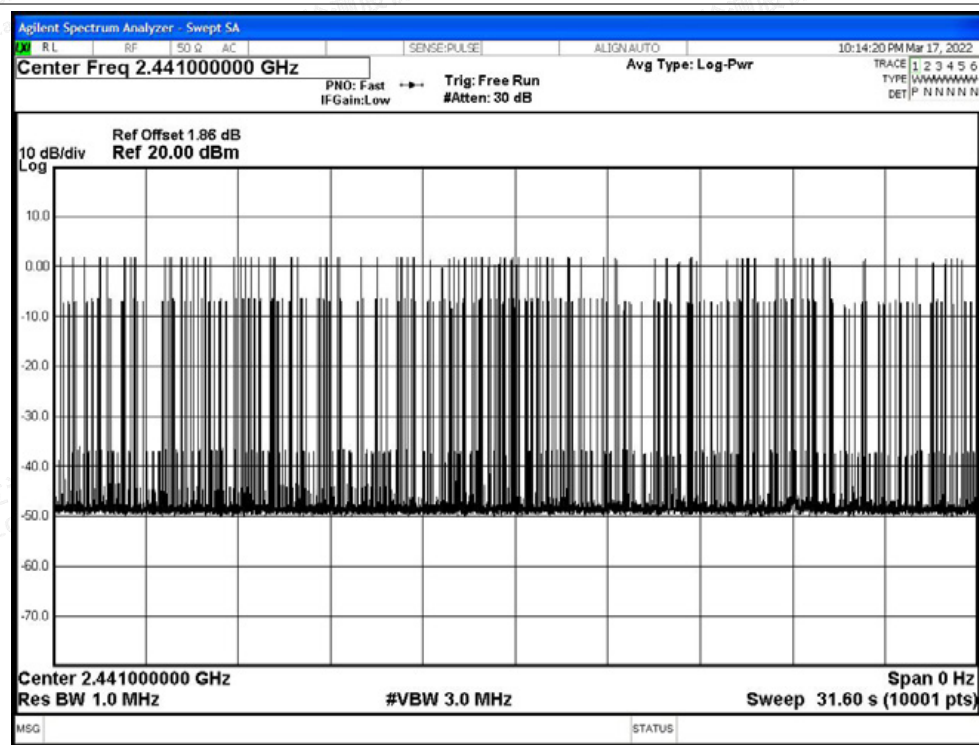
Scan code to check authenticity



Dwell NVNT 3-DH5 2441MHz Ant1 One Burst



Dwell NVNT 3-DH5 2441MHz Ant1 Accumulated



Shenzhen LCS Compliance Testing Laboratory Ltd.

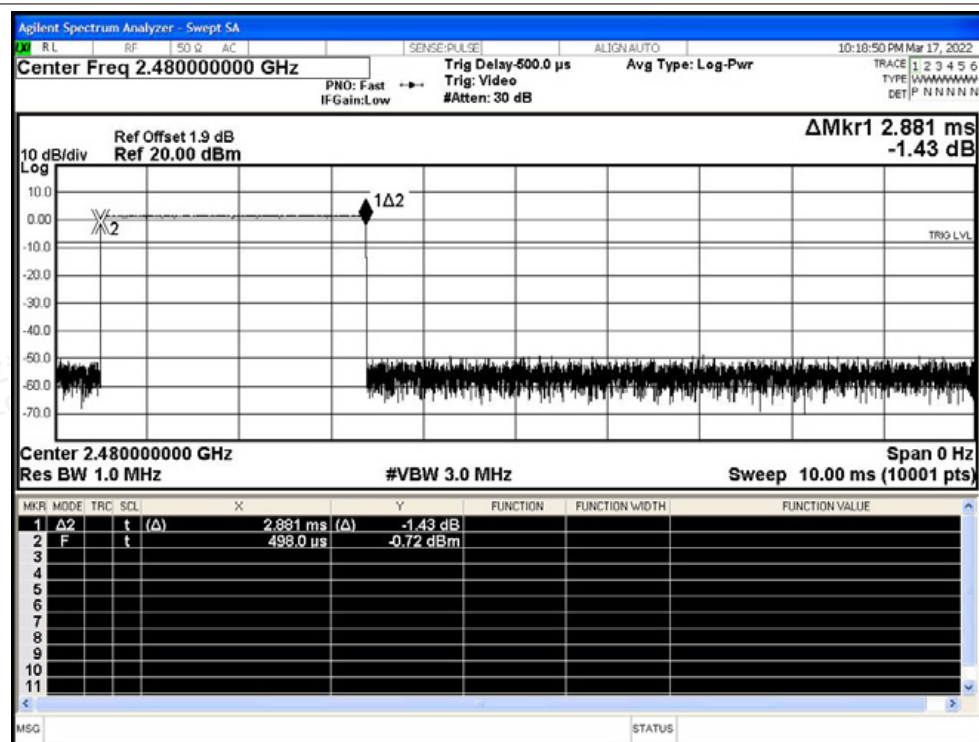
Add: 101, 201 Bldg A & 301 Bldg C, Juji Industrial Park Yabianxueziwei, Shajing Street, Baoan District, Shenzhen, 518000, China

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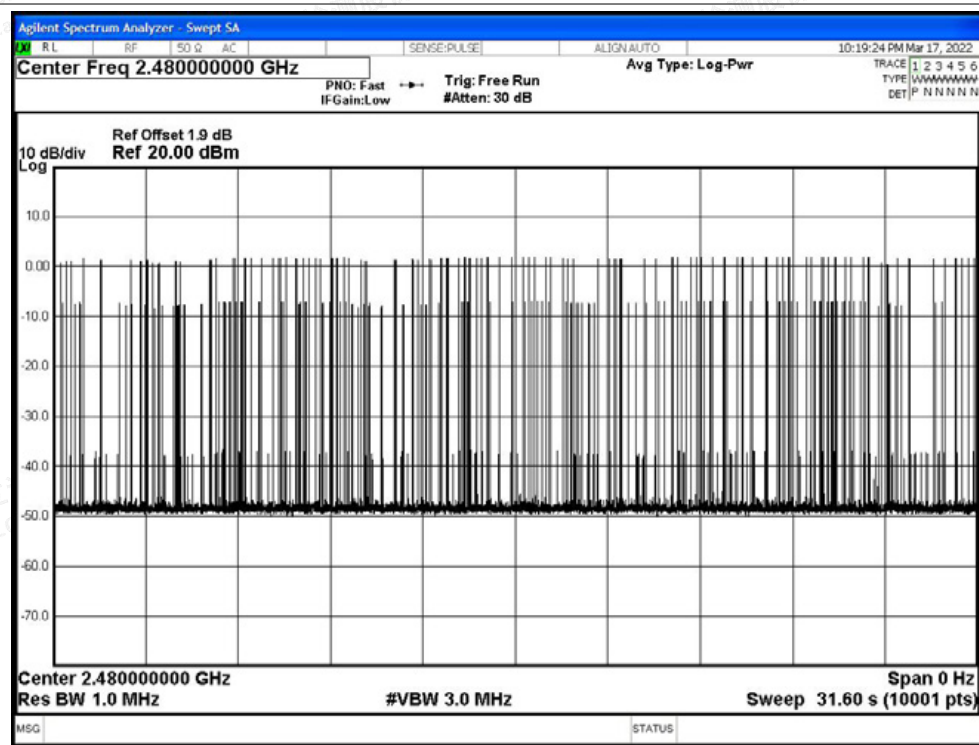
Scan code to check authenticity



Dwell NVNT 3-DH5 2480MHz Ant1 One Burst



Dwell NVNT 3-DH5 2480MHz Ant1 Accumulated



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A.5 Number of Hopping Channel

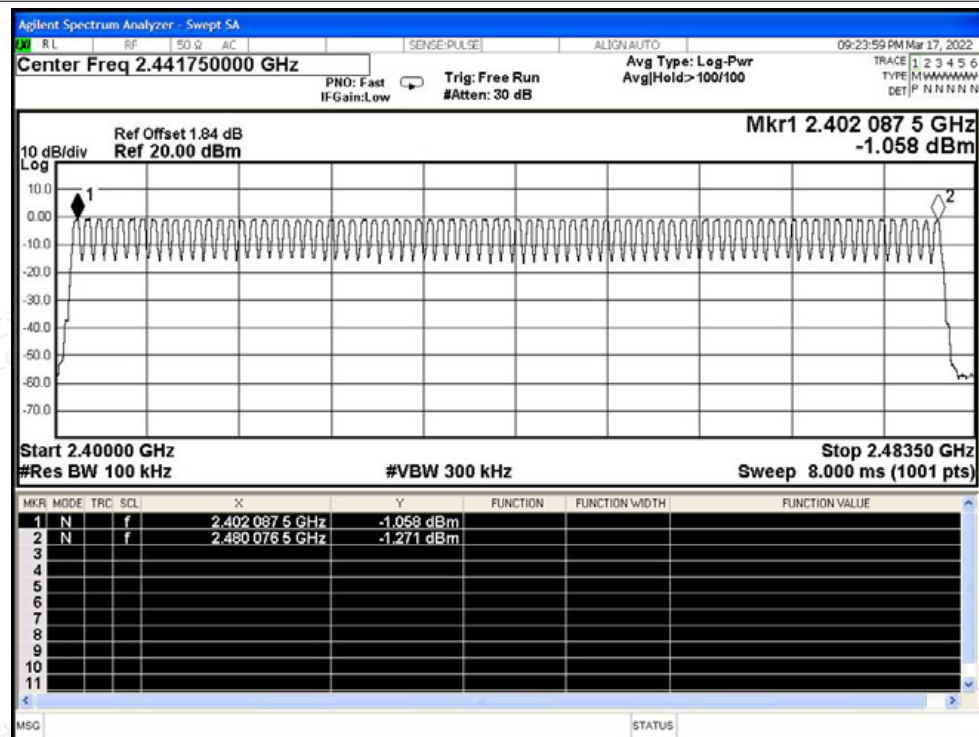
Condition	Mode	Antenna	Hopping Number	Limit	Verdict
NVNT	1-DH5	Ant1	79	15	Pass
NVNT	2-DH5	Ant1	79	15	Pass
NVNT	3-DH5	Ant1	79	15	Pass



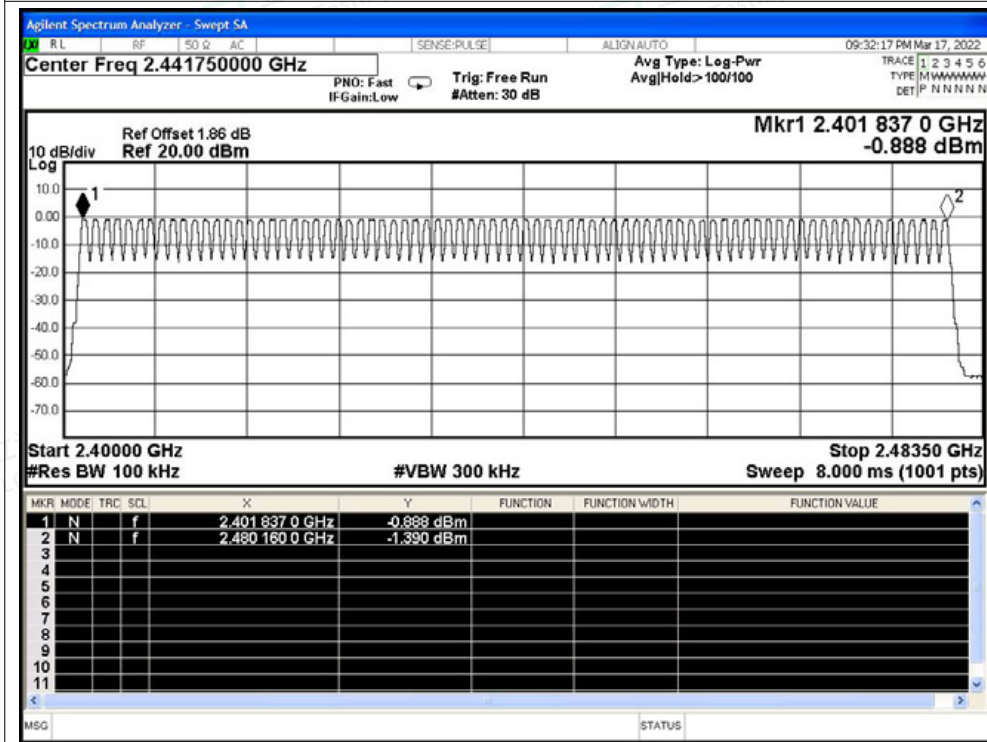


Test Graphs

Hopping No. NVNT 1-DH5 2402MHz Ant1



Hopping No. NVNT 1-DH5 2441MHz Ant1



Shenzhen LCS Compliance Testing Laboratory Ltd.

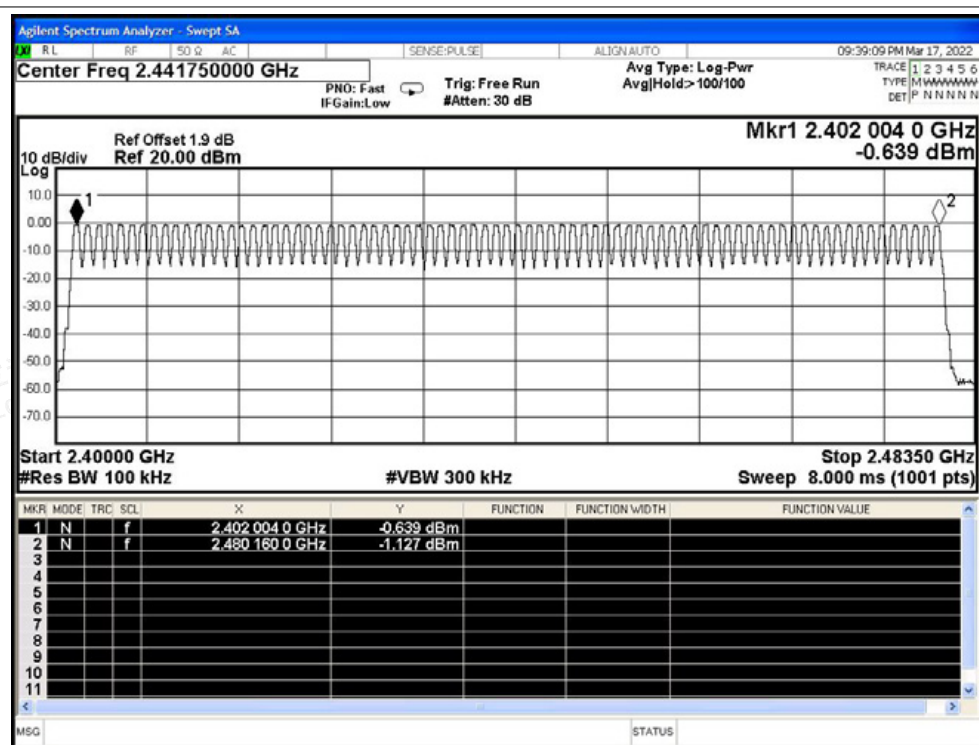
Add: 101, 201 Bldg A & 301 Bldg C, Juji Industrial Park Yabianxueziwei, Shajing Street, Baoan District, Shenzhen, 518000, China

Tel: +(86) 0755-82591330 | E-mail: webmaster@lcs-cert.com | Web: www.lcs-cert.com

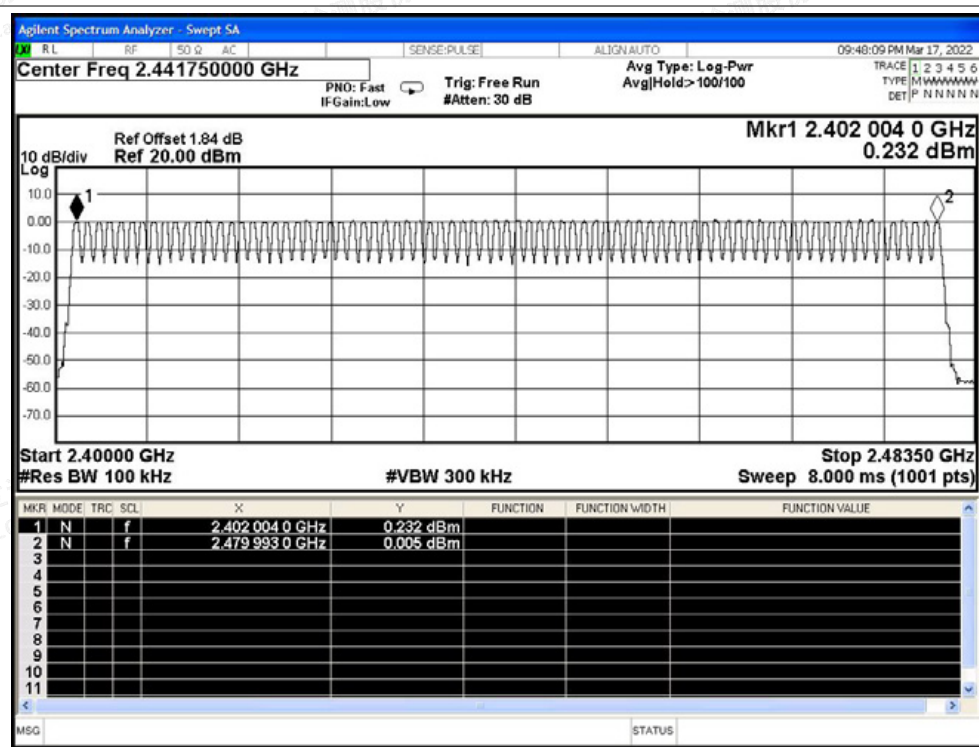
Scan code to check authenticity



Hopping No. NVNT 1-DH5 2480MHz Ant1



Hopping No. NVNT 2-DH5 2402MHz Ant1



Shenzhen LCS Compliance Testing Laboratory Ltd.

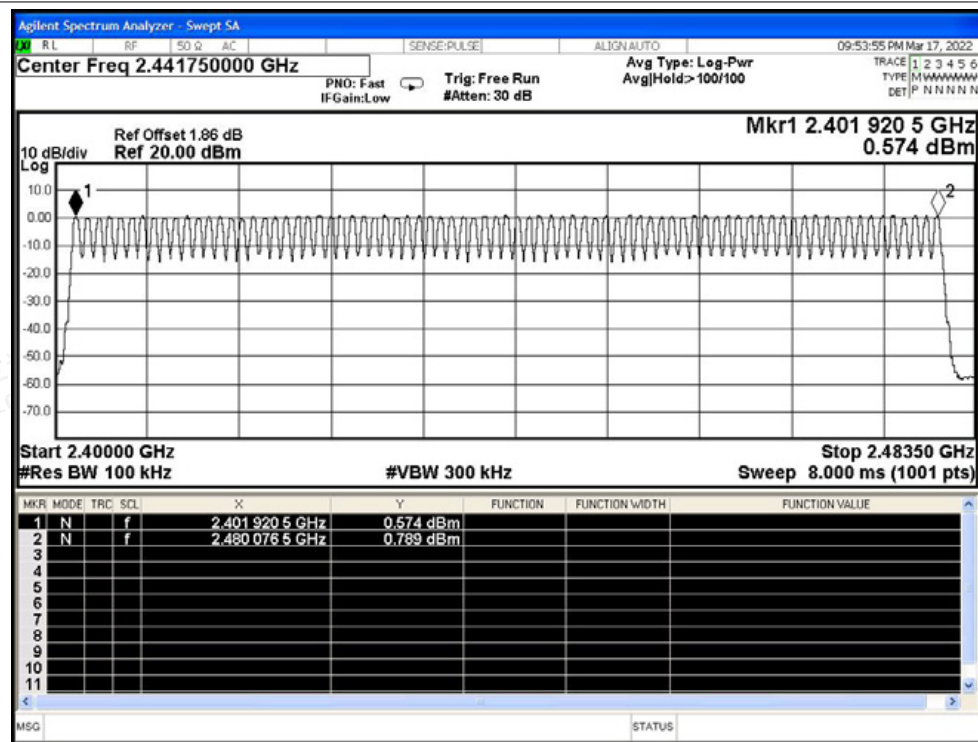
Add: 101, 201 Bldg A & 301 Bldg C, Juji Industrial Park Yabianxueziwei, Shajing Street, Baoan District, Shenzhen, 518000, China

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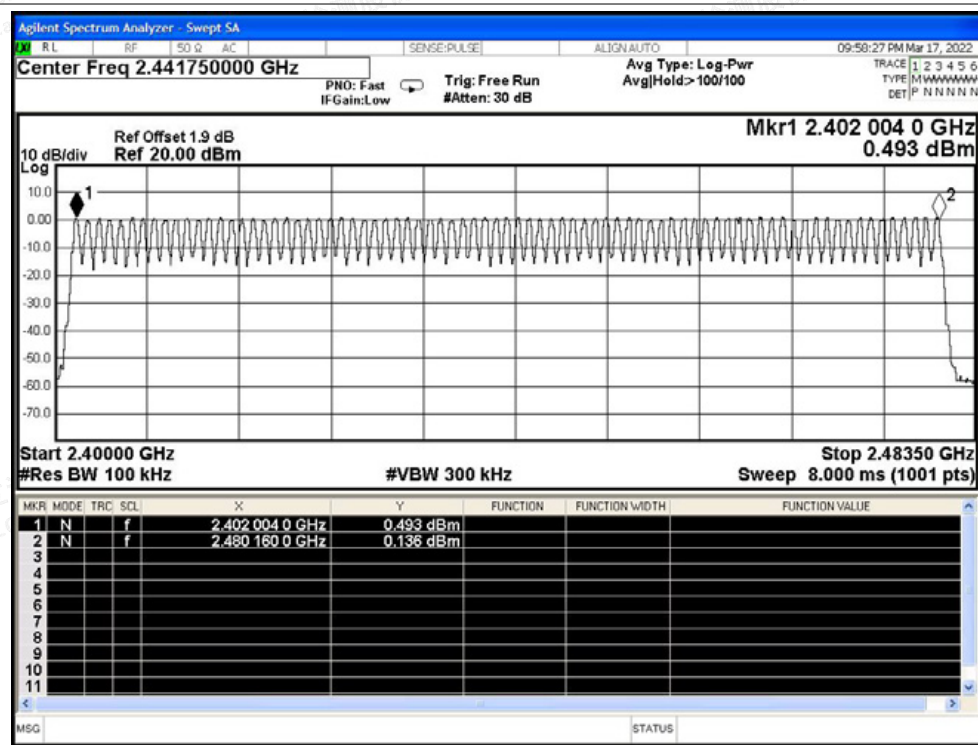
Scan code to check authenticity



Hopping No. NVNT 2-DH5 2441MHz Ant1



Hopping No. NVNT 2-DH5 2480MHz Ant1



Shenzhen LCS Compliance Testing Laboratory Ltd.

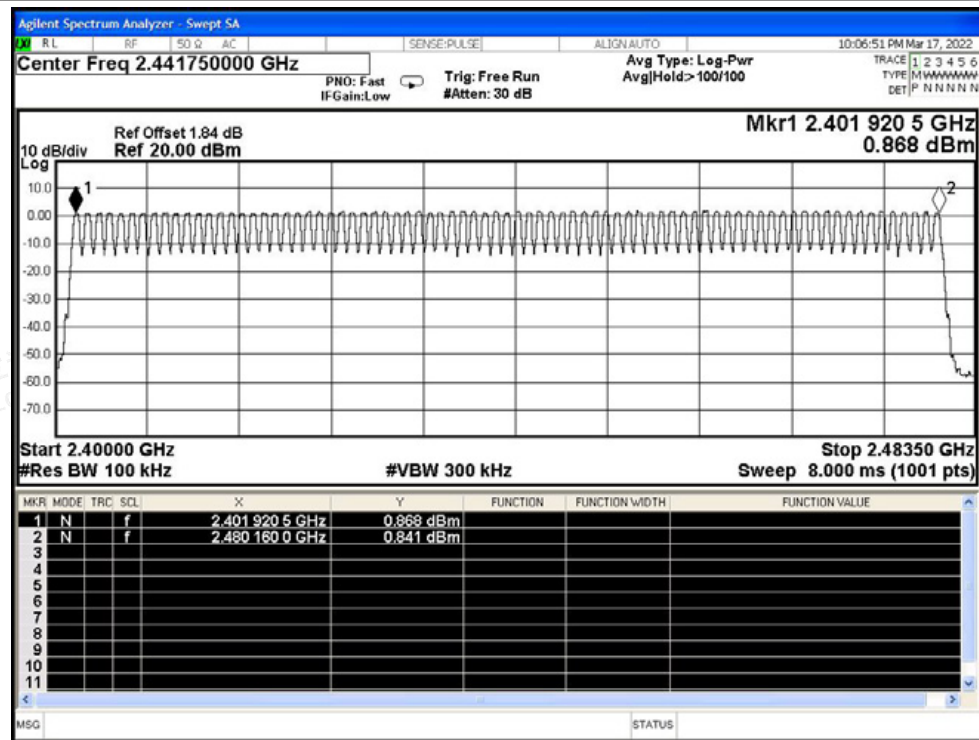
Add: 101, 201 Bldg A & 301 Bldg C, Juji Industrial Park Yabianxueziwei, Shajing Street, Baoan District, Shenzhen, 518000, China

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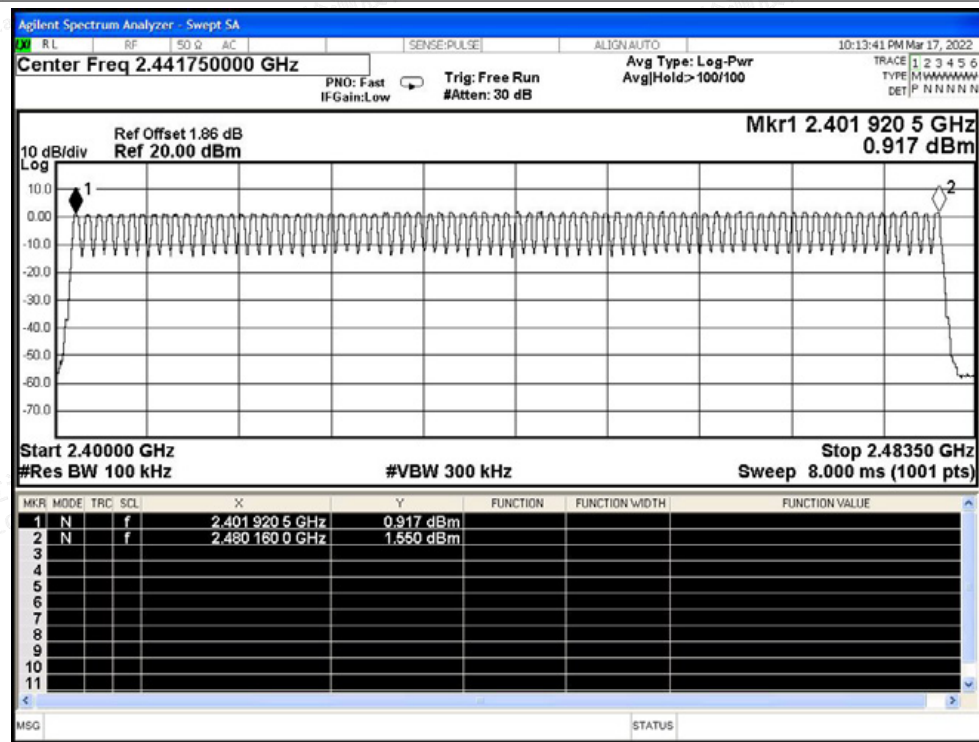
Scan code to check authenticity



Hopping No. NVNT 3-DH5 2402MHz Ant1



Hopping No. NVNT 3-DH5 2441MHz Ant1

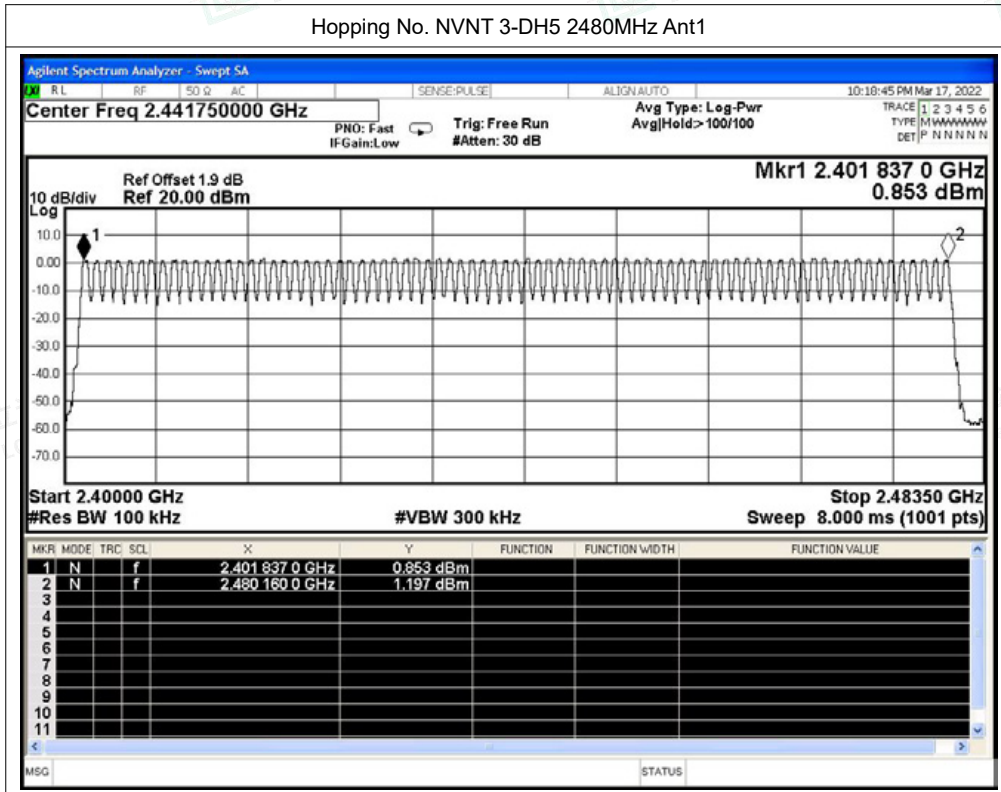


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