



Appendix A

RF Test Data for BT (Conducted Measurement)

Product Name: VIDEO PROJECTOR

Test Model: T800

Environmental Conditions

Temperature:	23.8° C
Relative Humidity:	52.1%
ATM Pressure:	100.0 kPa
Test Engineer:	Jay Luo
Supervised by:	Nick Peng



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A.1 -20dB Bandwidth

Condition	Mode	Frequency (MHz)	Antenna	-20 dB Bandwidth (MHz)	Limit -20 dB Bandwidth (MHz)	Verdict
NVNT	1-DH5	2402	Ant0	0.982	N/A	Pass
NVNT	1-DH5	2441	Ant0	1.023	N/A	Pass
NVNT	1-DH5	2480	Ant0	1.021	N/A	Pass
NVNT	2-DH5	2402	Ant0	1.303	N/A	Pass
NVNT	2-DH5	2441	Ant0	1.315	N/A	Pass
NVNT	2-DH5	2480	Ant0	1.282	N/A	Pass
NVNT	3-DH5	2402	Ant0	1.3	N/A	Pass
NVNT	3-DH5	2441	Ant0	1.289	N/A	Pass
NVNT	3-DH5	2480	Ant0	1.294	N/A	Pass



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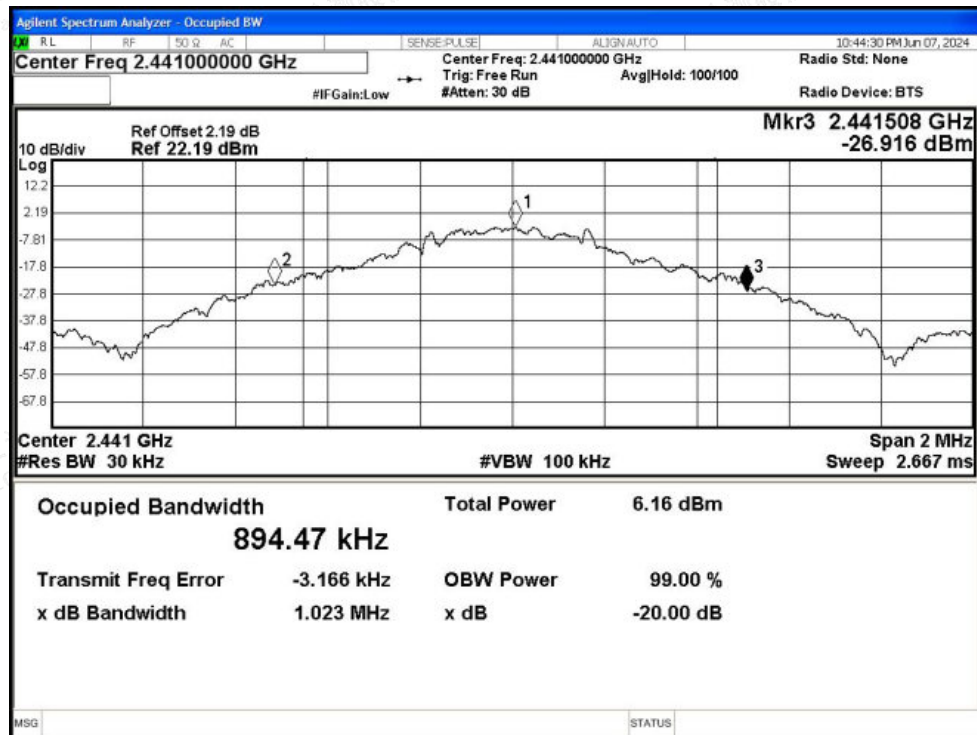


Test Graphs

-20dB Bandwidth NVNT 1-DH5 2402MHz Ant0



-20dB Bandwidth NVNT 1-DH5 2441MHz Ant0



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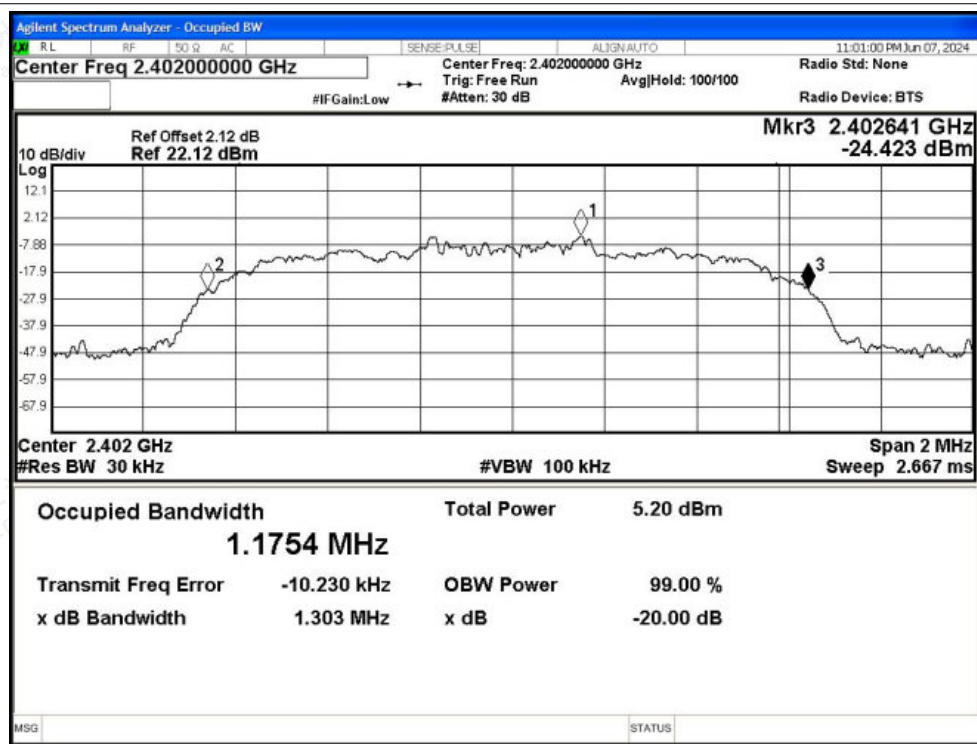
Scan code to check authenticity



-20dB Bandwidth NVNT 1-DH5 2480MHz Ant0



-20dB Bandwidth NVNT 2-DH5 2402MHz Ant0



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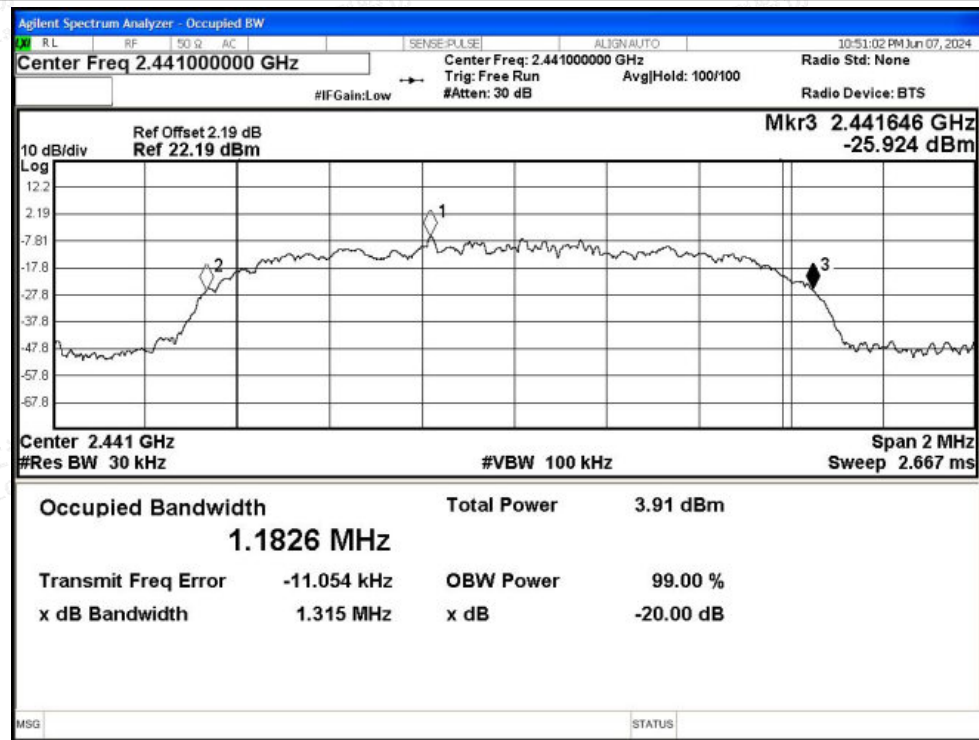
Add: 101, 201 Bldg A & 301 Bldg C, Juji Industrial Park Yabianxueziwei, Shajing Street, Baoan District, Shenzhen, 518000, China

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

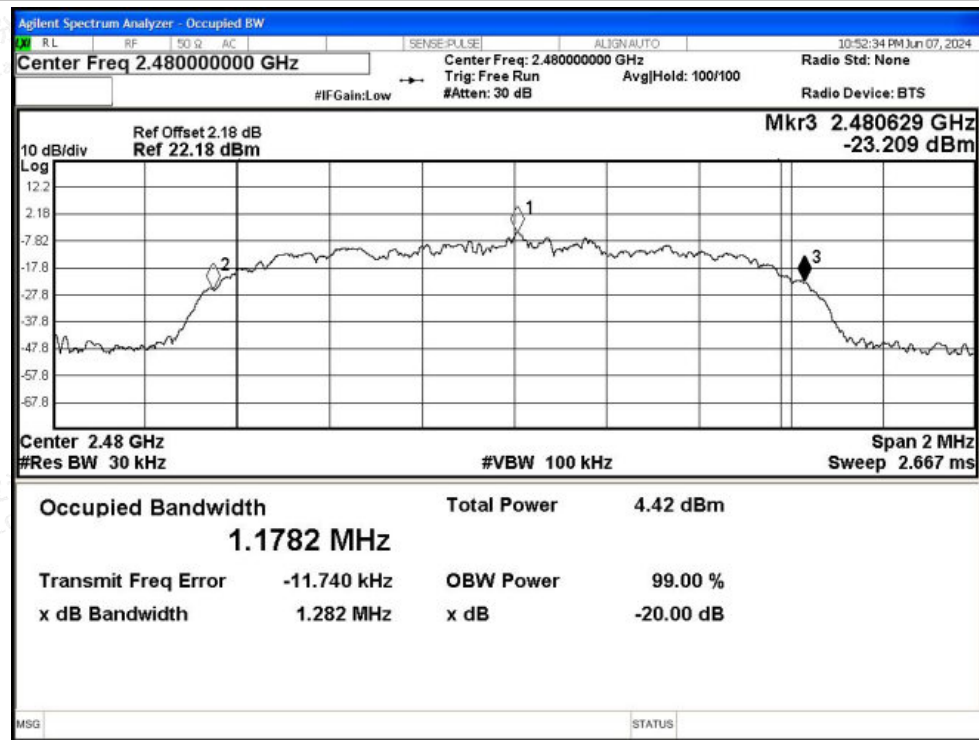
Scan code to check authenticity



-20dB Bandwidth NVNT 2-DH5 2441MHz Ant0



-20dB Bandwidth NVNT 2-DH5 2480MHz Ant0



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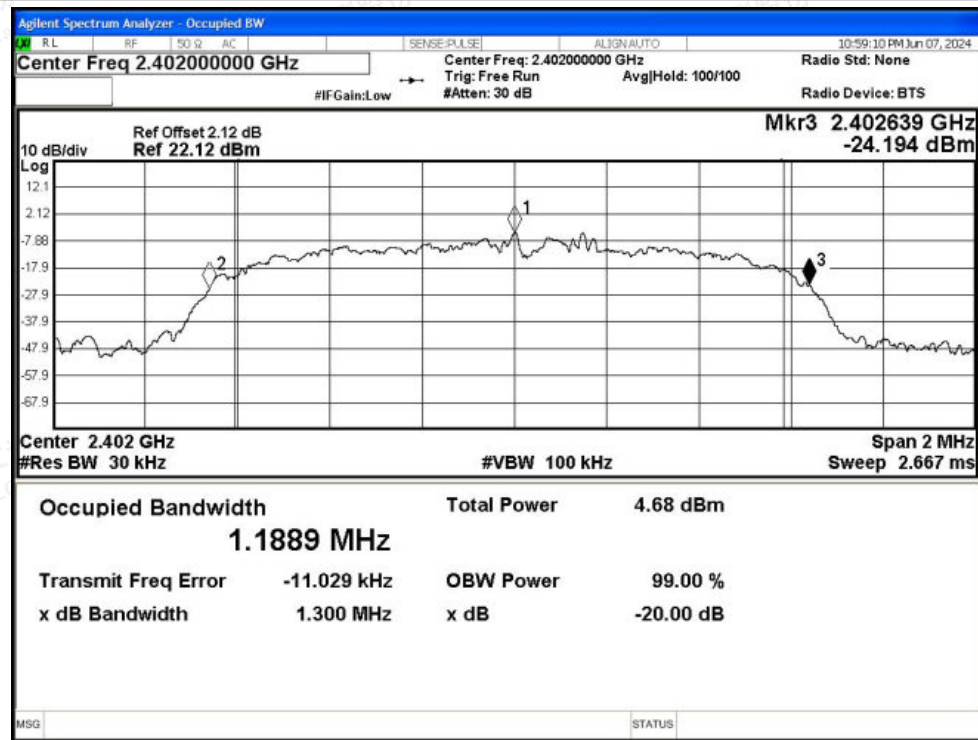
Add: 101, 201 Bldg A & 301 Bldg C, Juji Industrial Park Yabianxueziwei, Shajing Street, Baoan District, Shenzhen, 518000, China

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

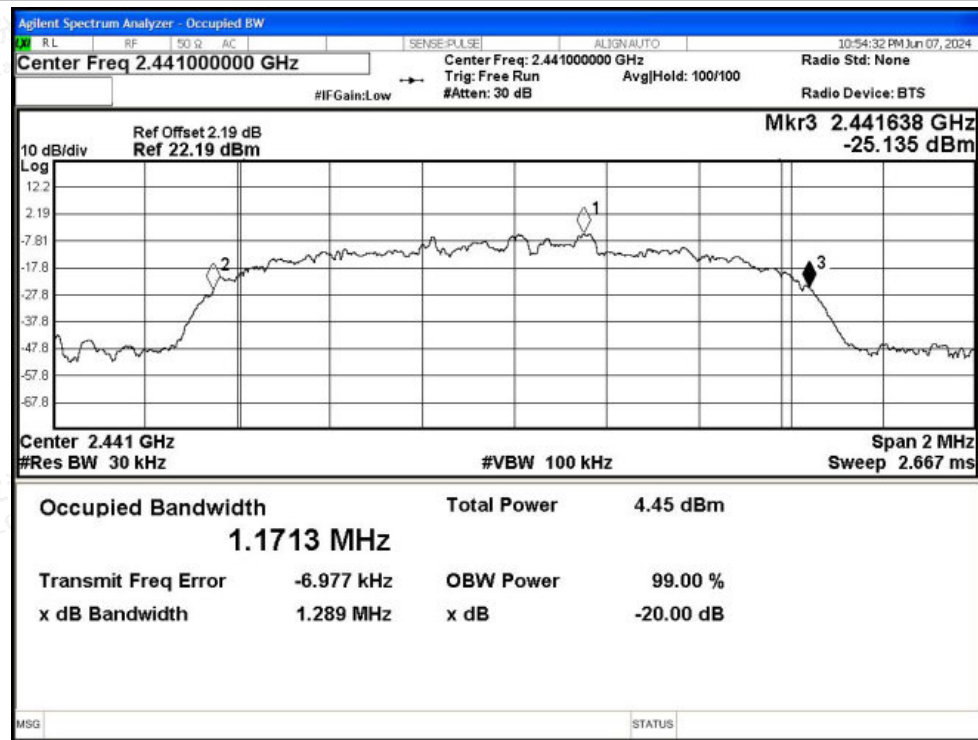
Scan code to check authenticity



-20dB Bandwidth NVNT 3-DH5 2402MHz Ant0



-20dB Bandwidth NVNT 3-DH5 2441MHz Ant0

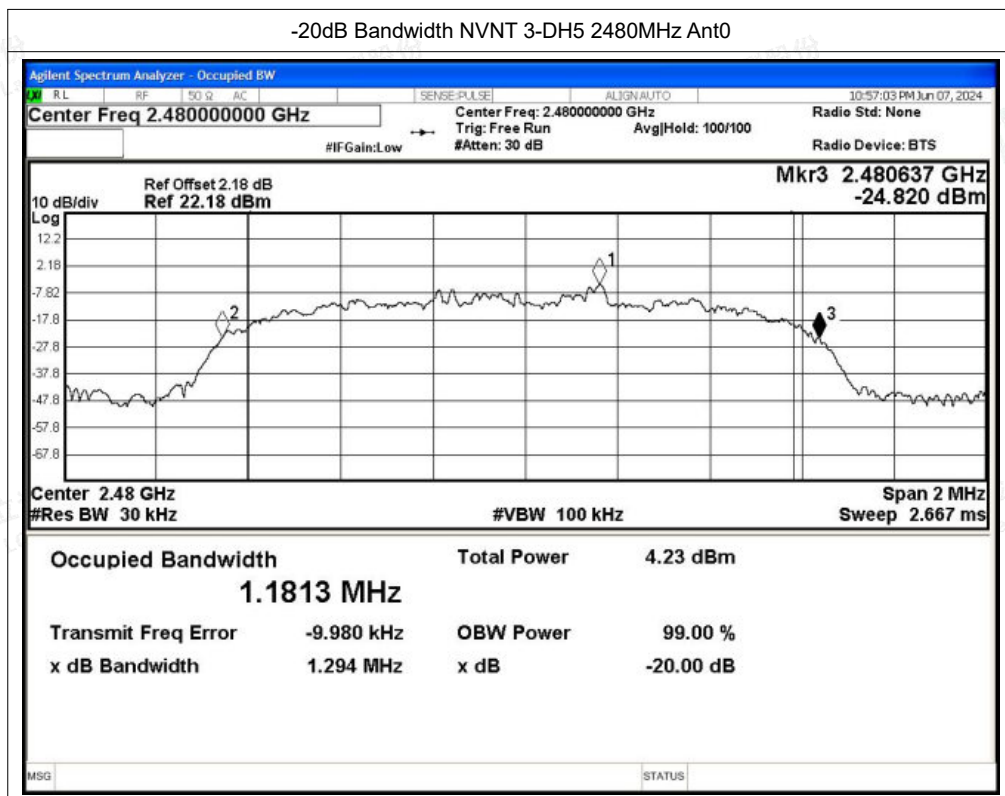


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A.2 Maximum Conducted Output Power

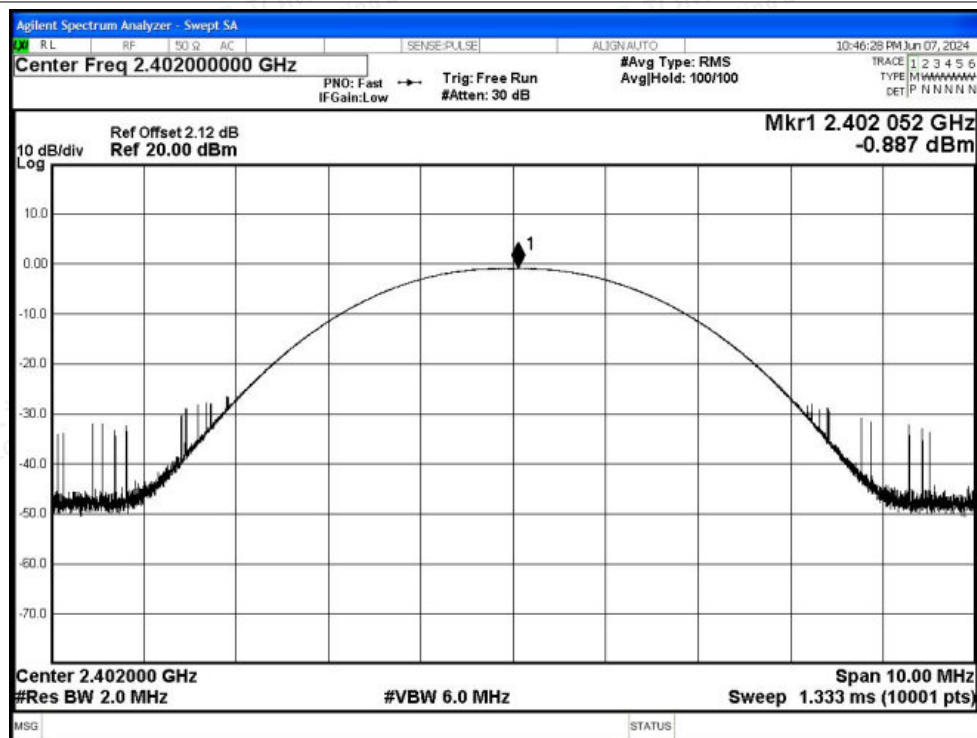
Condition	Mode	Frequency (MHz)	Antenna	Conducted Power (dBm)	Limit (dBm)	Verdict
NVNT	1-DH5	2402	Ant0	-0.89	21	Pass
NVNT	1-DH5	2441	Ant0	-0.27	21	Pass
NVNT	1-DH5	2480	Ant0	0.03	21	Pass
NVNT	2-DH5	2402	Ant0	0.4	21	Pass
NVNT	2-DH5	2441	Ant0	-0.48	21	Pass
NVNT	2-DH5	2480	Ant0	-0.17	21	Pass
NVNT	3-DH5	2402	Ant0	0.46	21	Pass
NVNT	3-DH5	2441	Ant0	-0.42	21	Pass
NVNT	3-DH5	2480	Ant0	-0.09	21	Pass



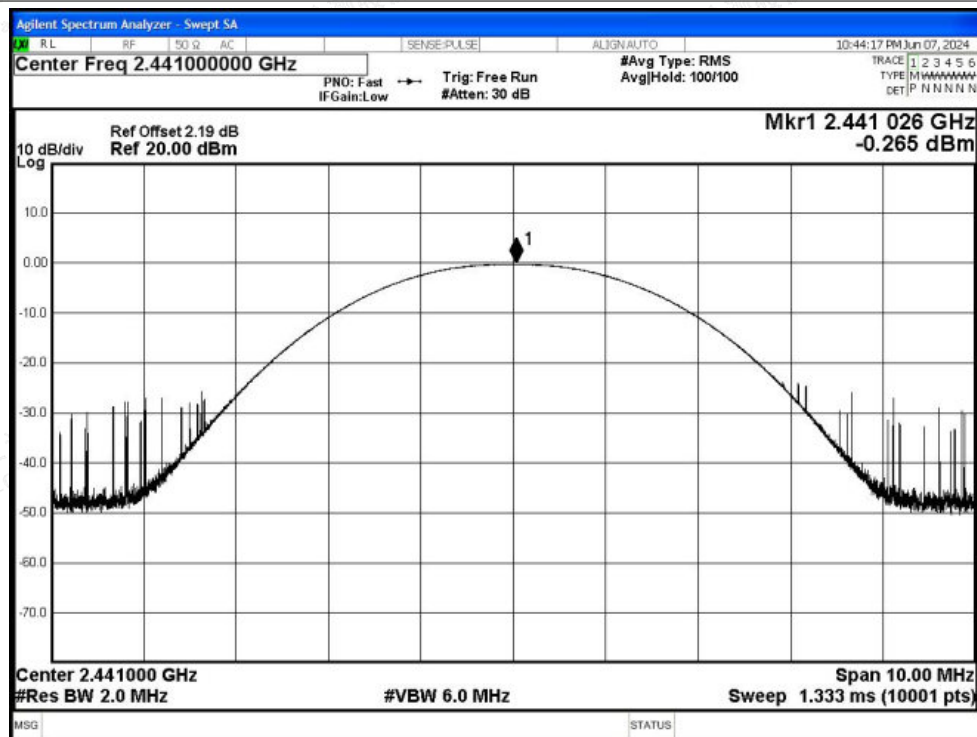


Test Graphs

Power NVNT 1-DH5 2402MHz Ant0

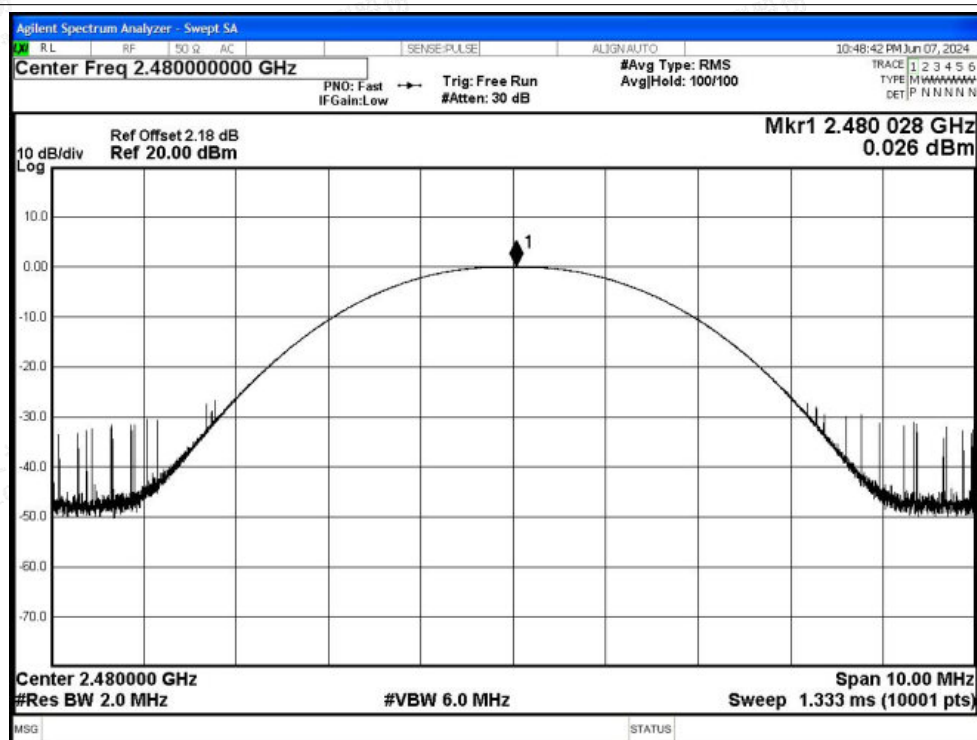


Power NVNT 1-DH5 2441MHz Ant0

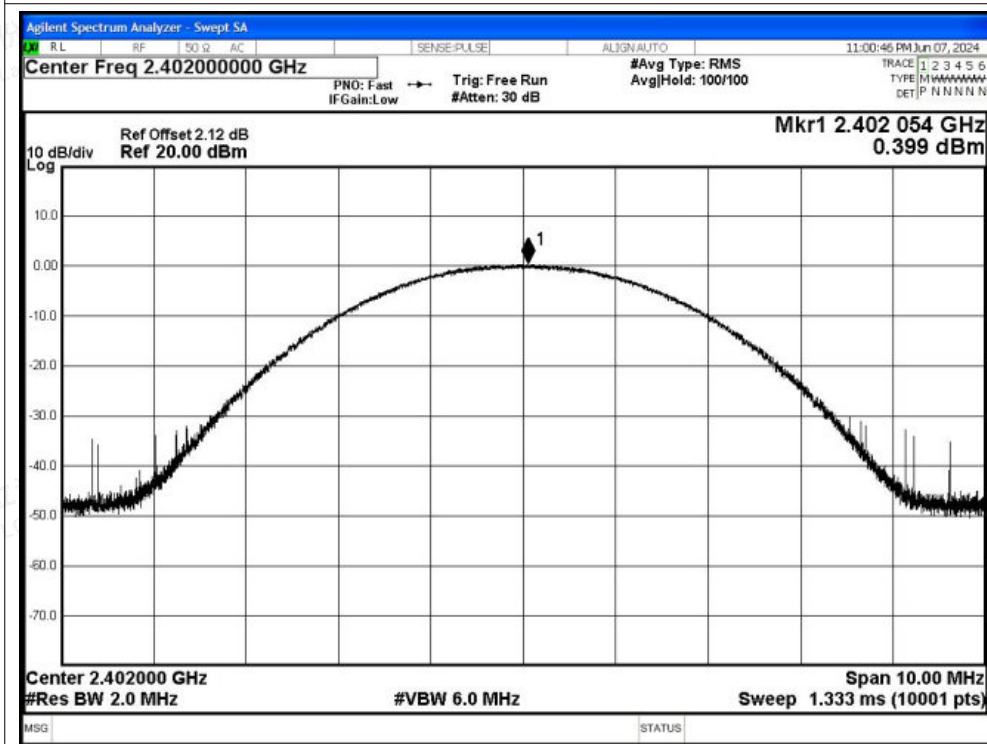




Power NVNT 1-DH5 2480MHz Ant0

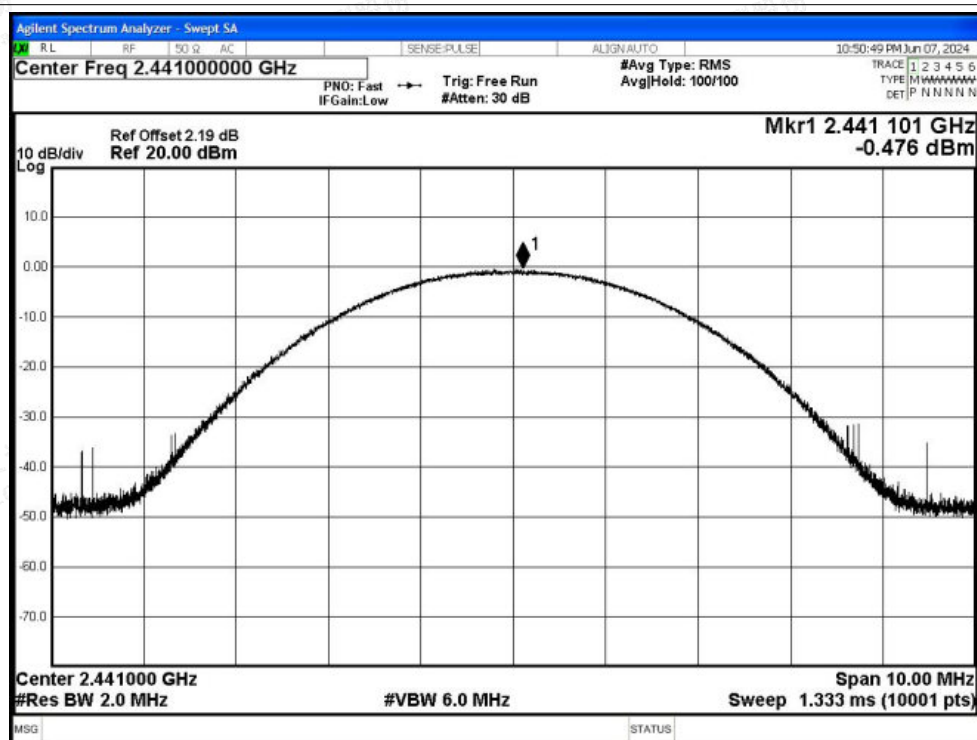


Power NVNT 2-DH5 2402MHz Ant0

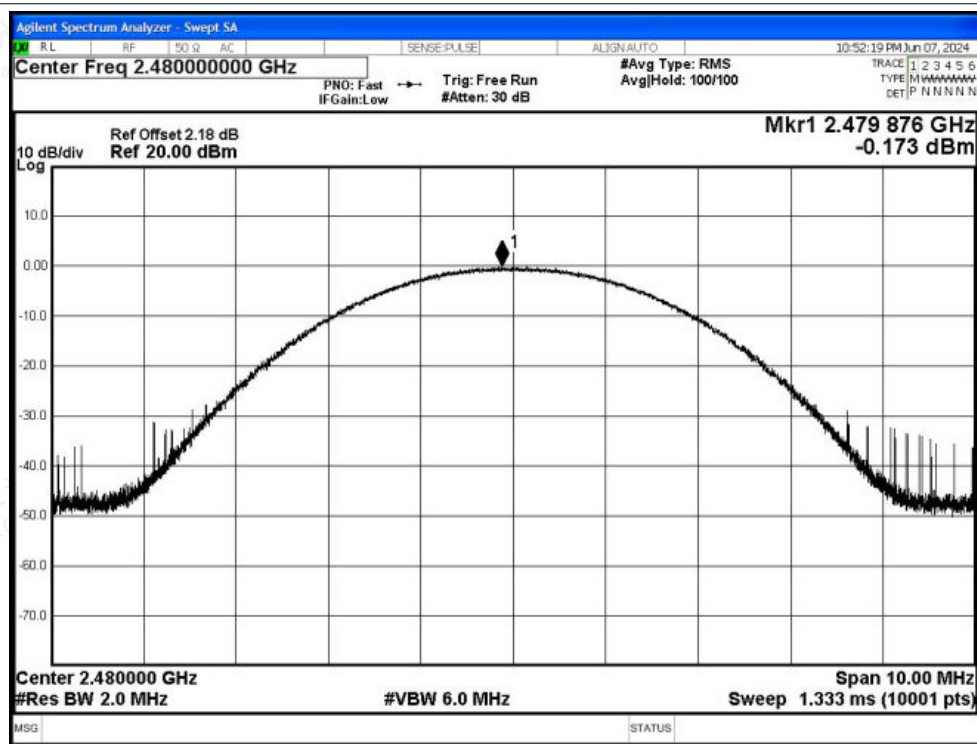




Power NVNT 2-DH5 2441MHz Ant0

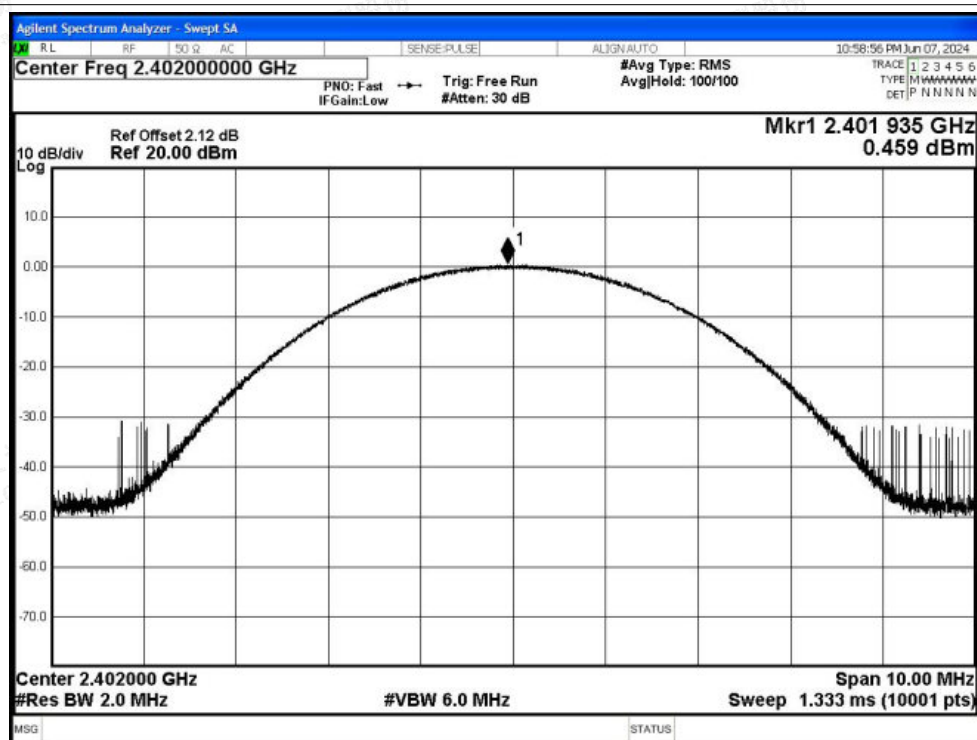


Power NVNT 2-DH5 2480MHz Ant0

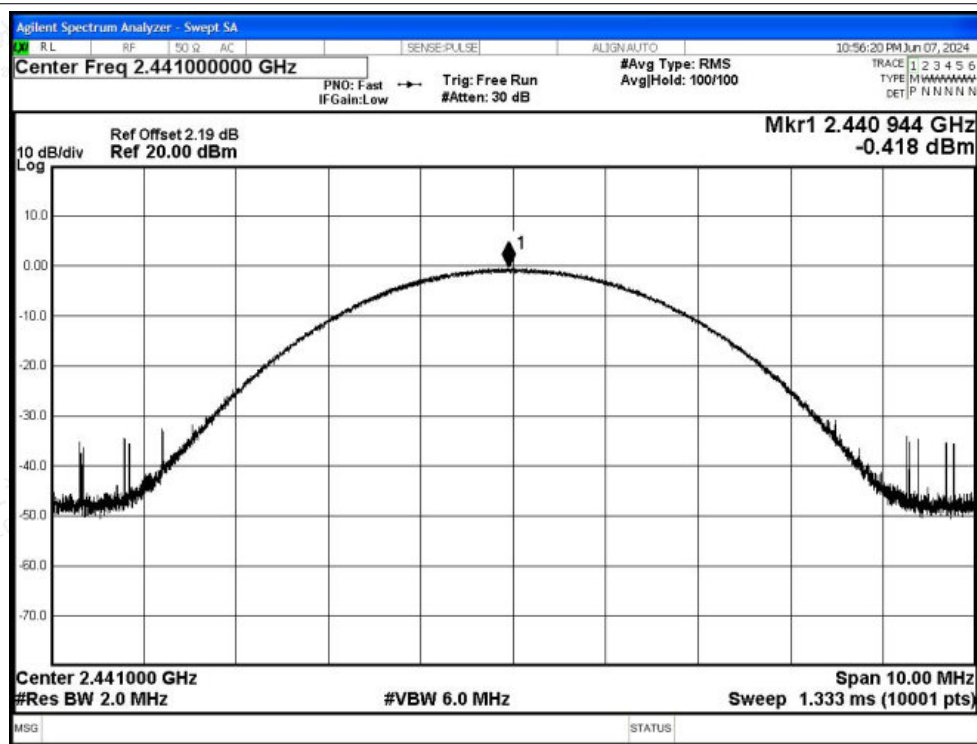


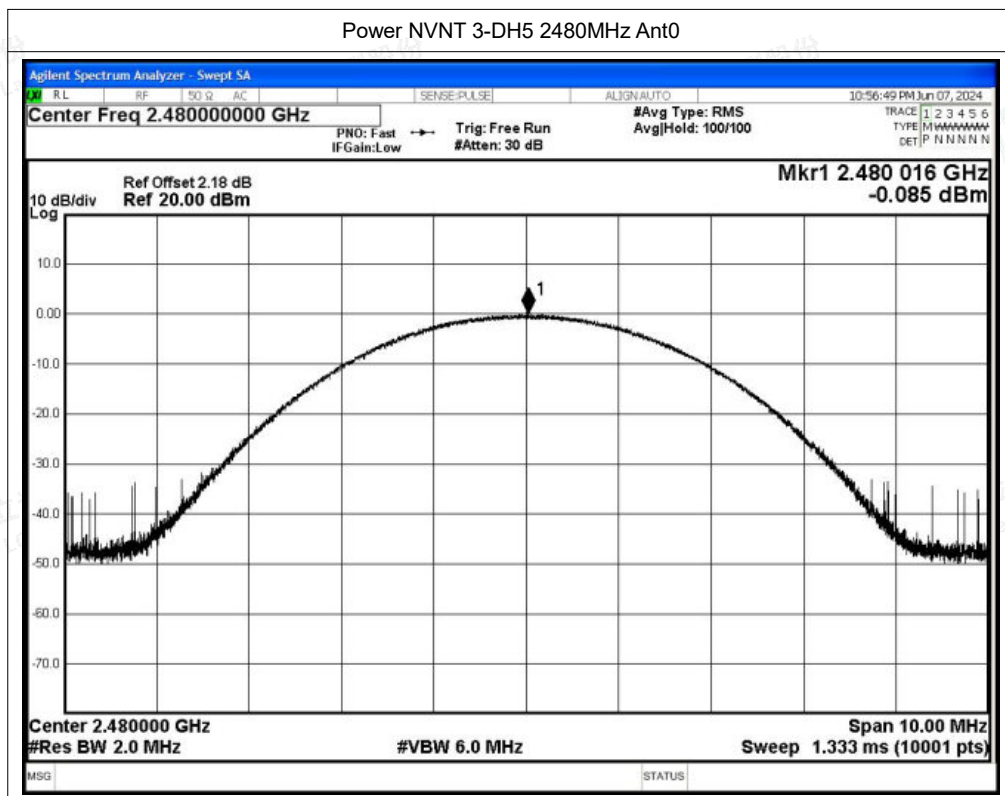


Power NVNT 3-DH5 2402MHz Ant0



Power NVNT 3-DH5 2441MHz Ant0







A.3 Carrier Frequencies Separation

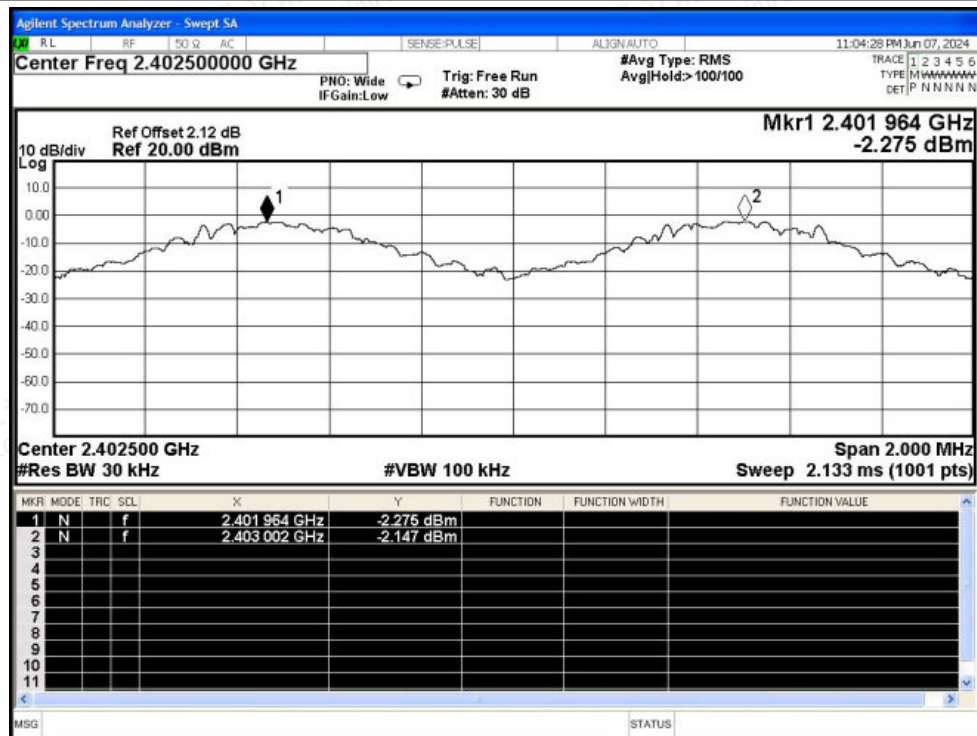
Condition	Mode	Antenna	Hopping Freq1 (MHz)	Hopping Freq2 (MHz)	HFS (MHz)	Limit (MHz)	Verdict
NVNT	1-DH5	Ant0	2401.964	2403.002	1.038	0.682	Pass
NVNT	2-DH5	Ant0	2401.992	2403.16	1.168	0.877	Pass
NVNT	3-DH5	Ant0	2402.144	2403.154	1.01	0.867	Pass



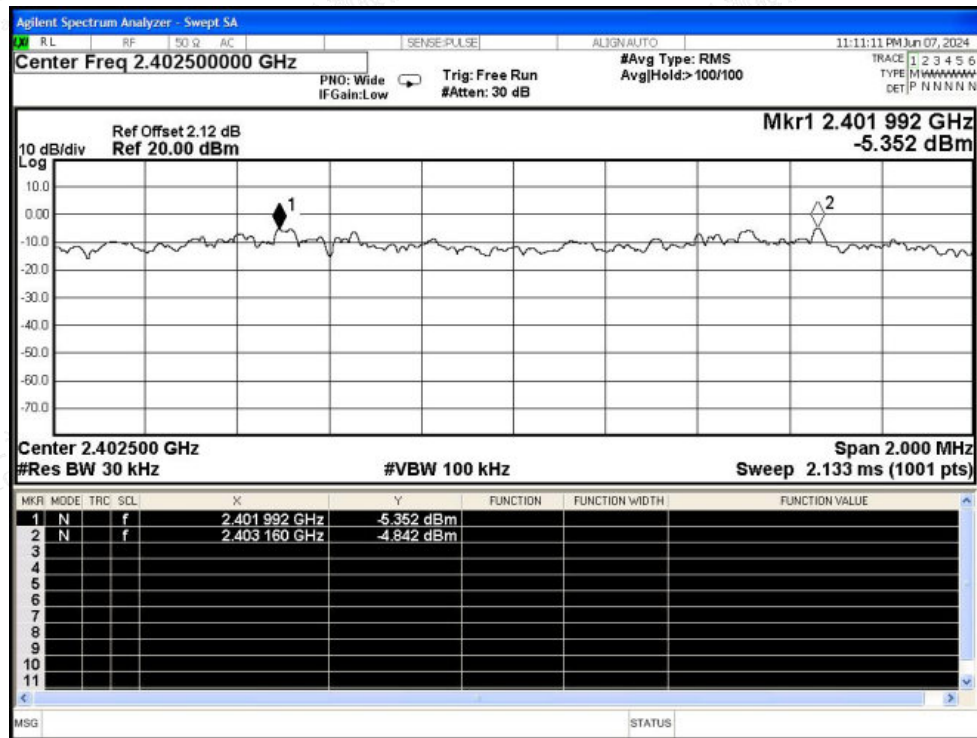


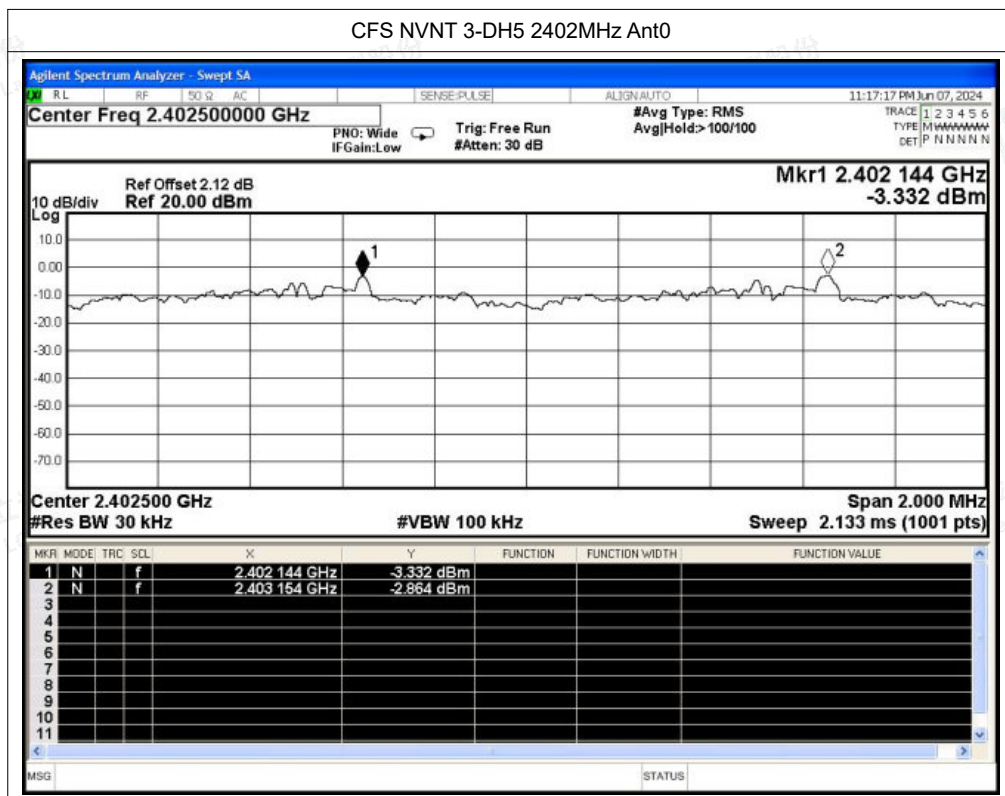
Test Graphs

CFS NVNT 1-DH5 2402MHz Ant0



CFS NVNT 2-DH5 2402MHz Ant0







A.4 Dwell Time

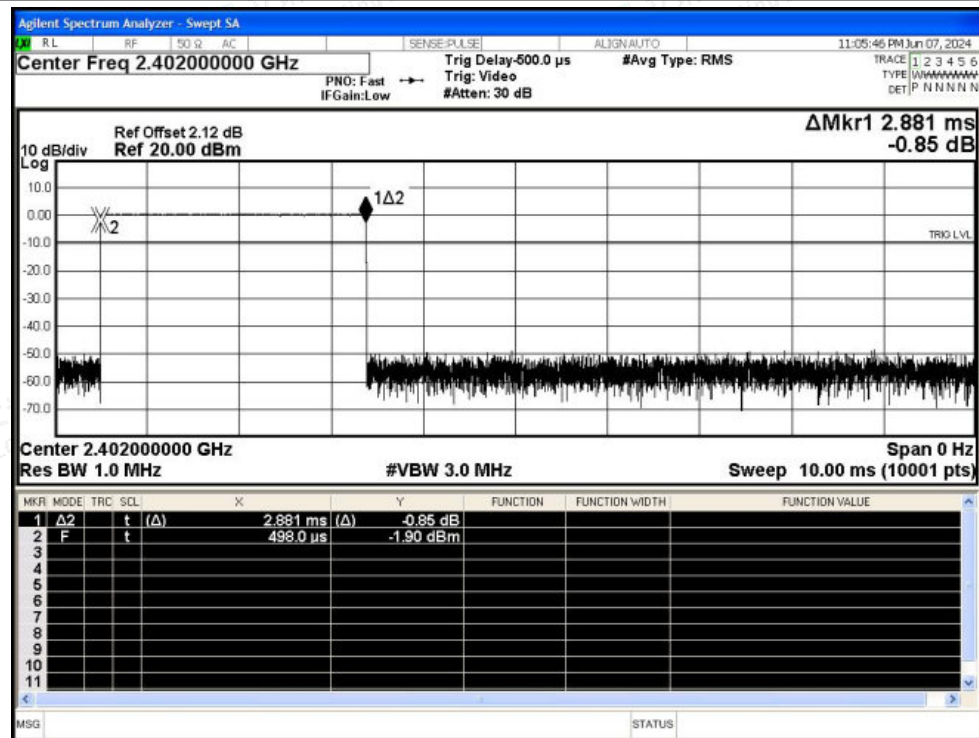
Condition	Mode	Frequency (MHz)	Antenna	Pulse Time (ms)	Total Dwell Time (ms)	Burst Count	Period Time (ms)	Limit (ms)	Verdict
NVNT	1-DH5	2402	Ant0	2.881	285.219	99	31600	400	Pass
NVNT	2-DH5	2402	Ant0	2.88	270.72	94	31600	400	Pass
NVNT	3-DH5	2402	Ant0	2.887	297.361	103	31600	400	Pass



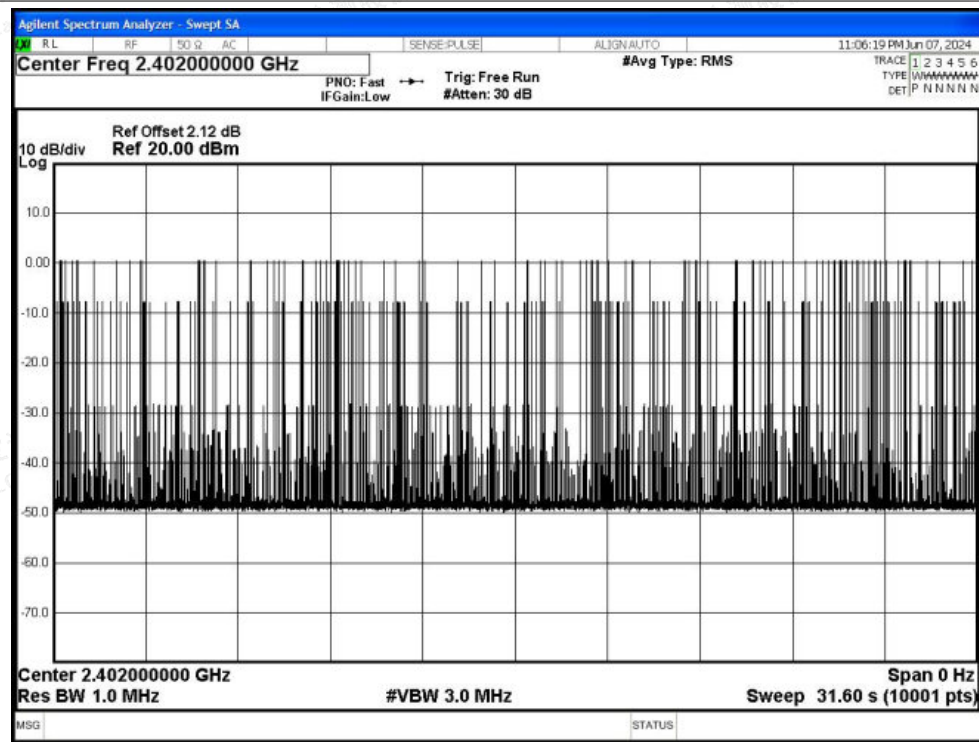


Test Graphs

Dwell NVNT 1-DH5 2402MHz Ant0 One Burst



Dwell NVNT 1-DH5 2402MHz Ant0 Accumulated



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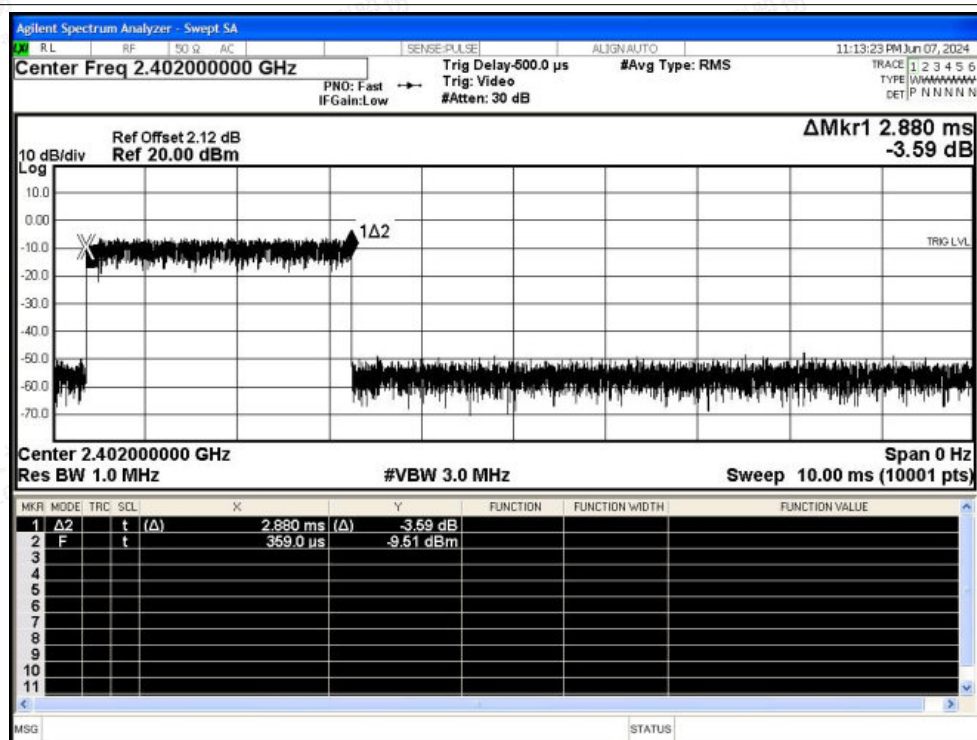
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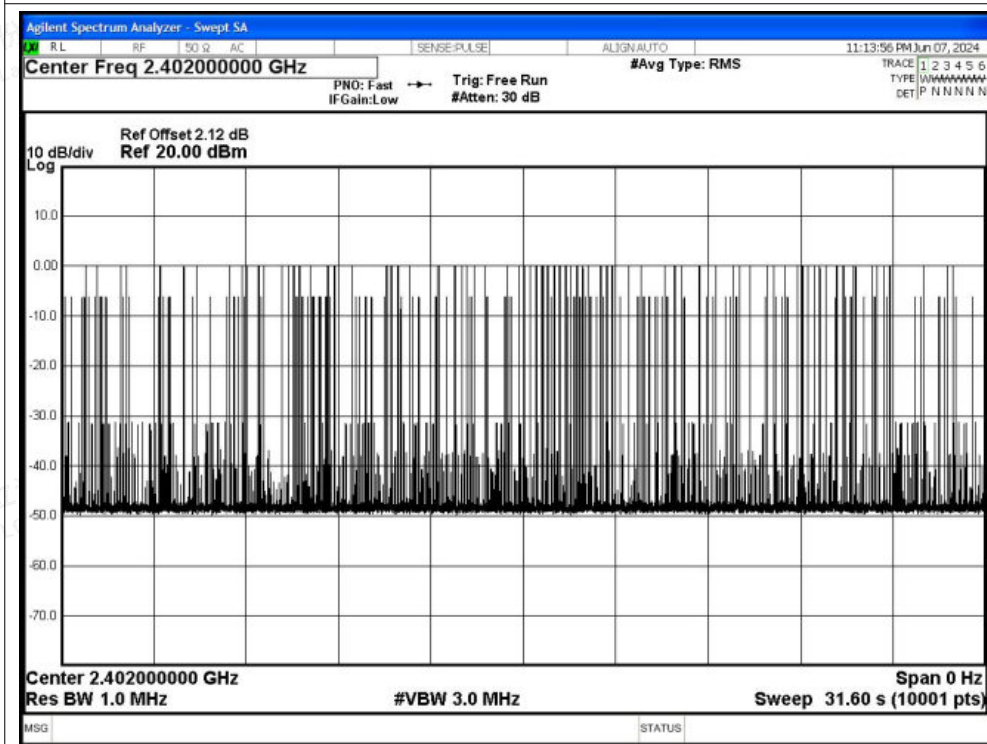
Scan code to check authenticity



Dwell NVNT 2-DH5 2402MHz Ant0 One Burst

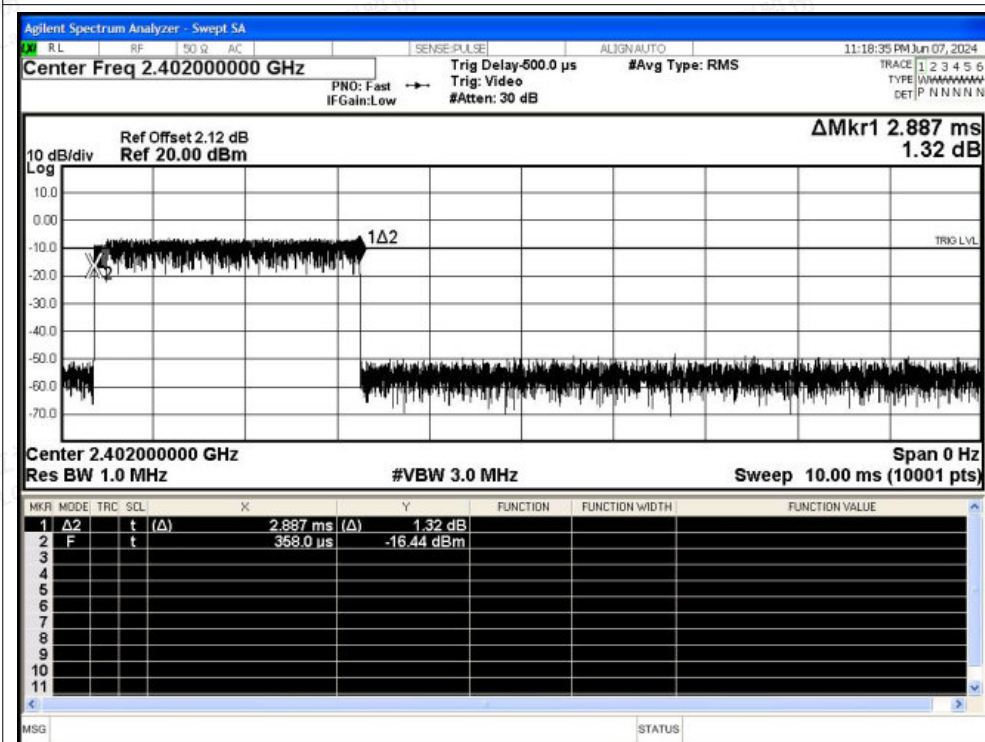


Dwell NVNT 2-DH5 2402MHz Ant0 Accumulated

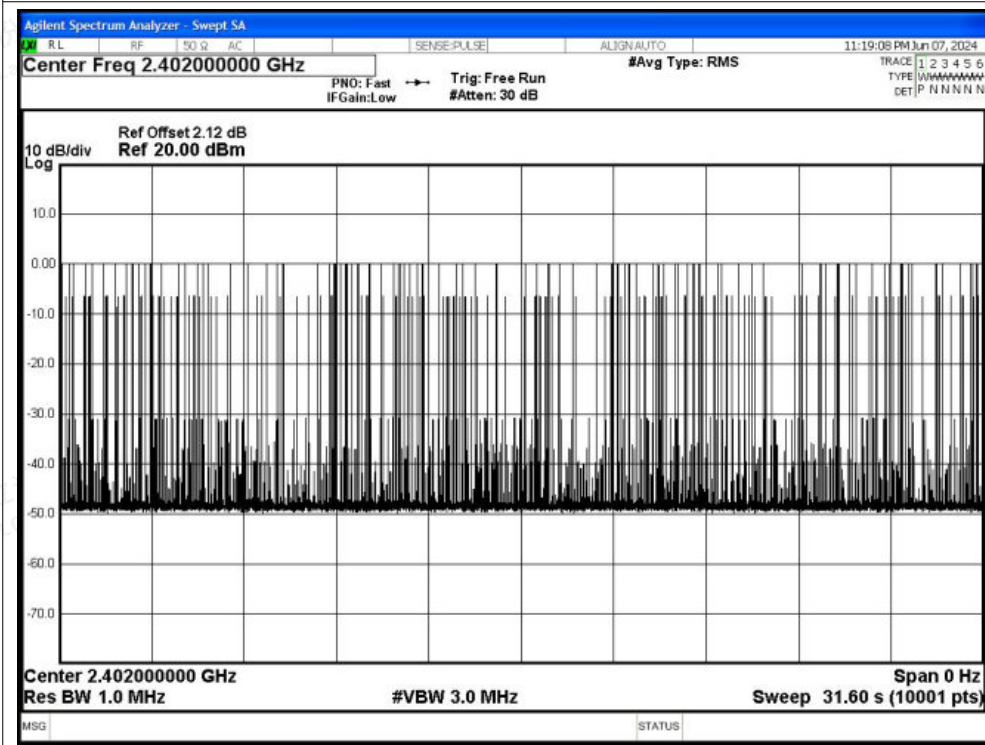




Dwell NVNT 3-DH5 2402MHz Ant0 One Burst



Dwell NVNT 3-DH5 2402MHz Ant0 Accumulated



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A.5 Number of Hopping Channel

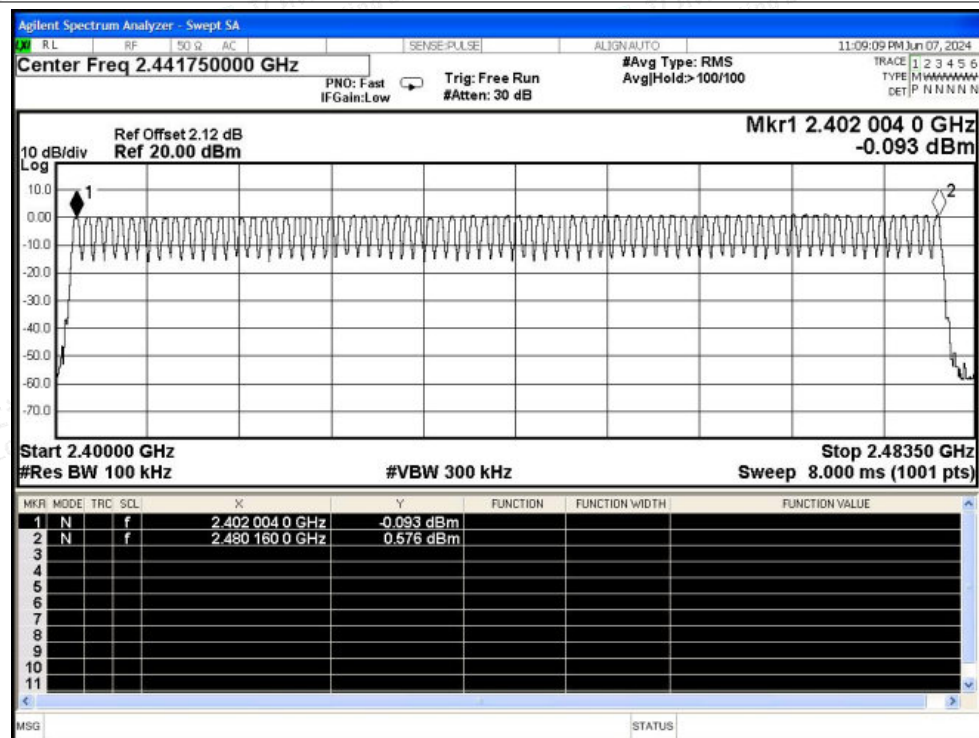
Condition	Mode	Antenna	Hopping Number	Limit	Verdict
NVNT	1-DH5	Ant0	79	15	Pass
NVNT	2-DH5	Ant0	79	15	Pass
NVNT	3-DH5	Ant0	79	15	Pass



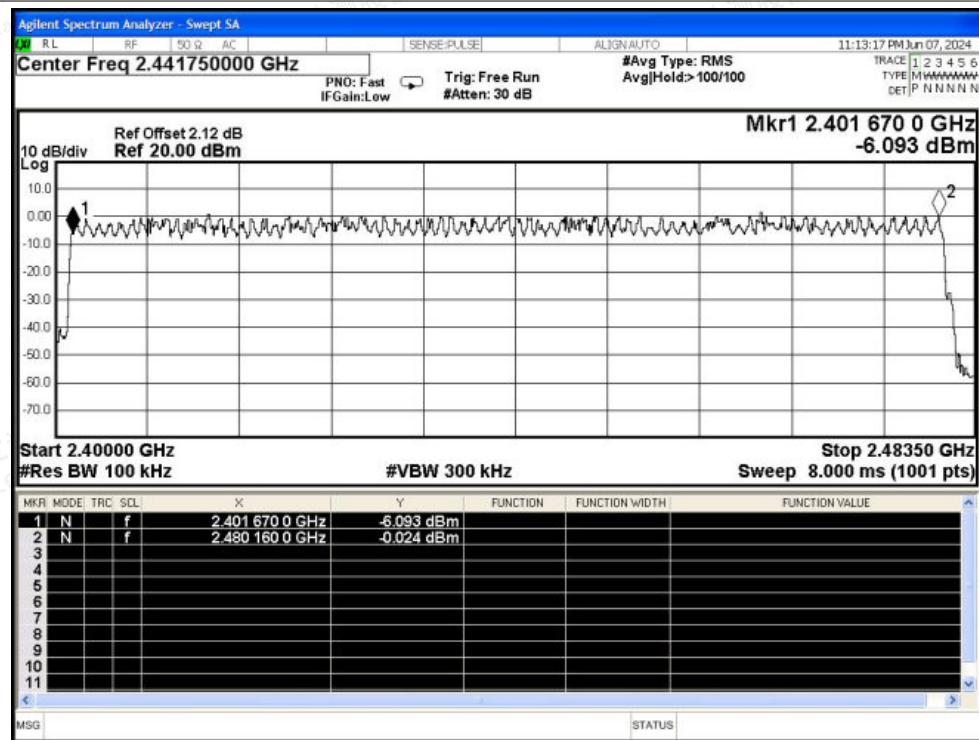


Test Graphs

Hopping No. NVNT 1-DH5 2402MHz Ant0



Hopping No. NVNT 2-DH5 2402MHz Ant0



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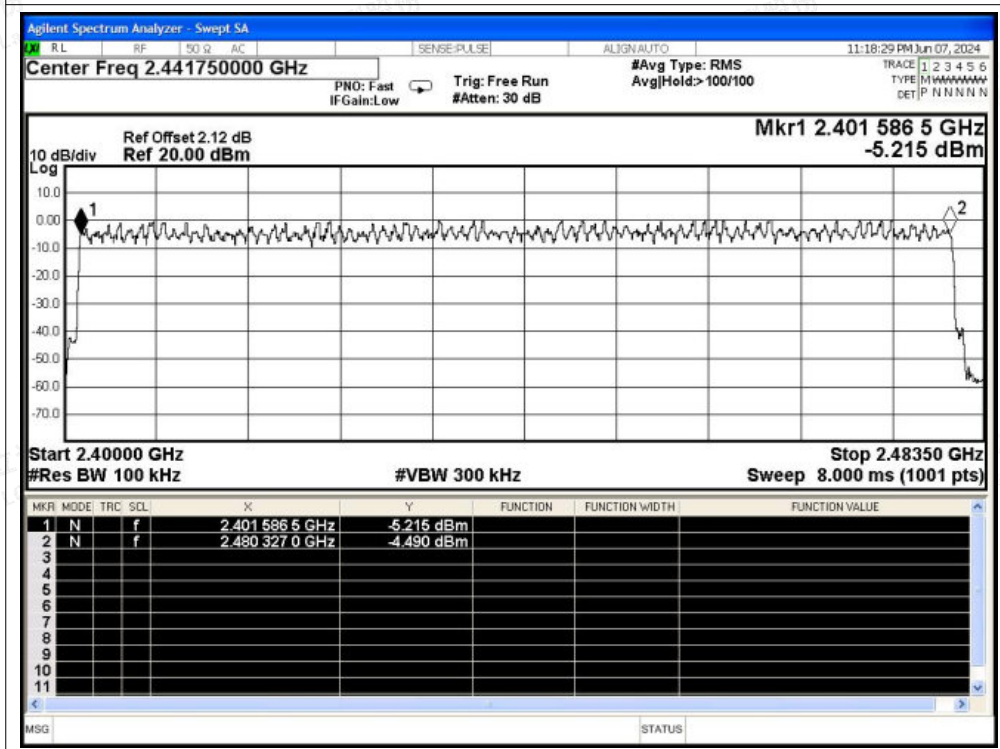
Add: 101, 201 Bldg A & 301 Bldg C, Juji Industrial Park Yabianxueziwei, Shajing Street, Baoan District, Shenzhen, 518000, China

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Hopping No. NVNT 3-DH5 2402MHz Ant0



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A.6 Band Edge

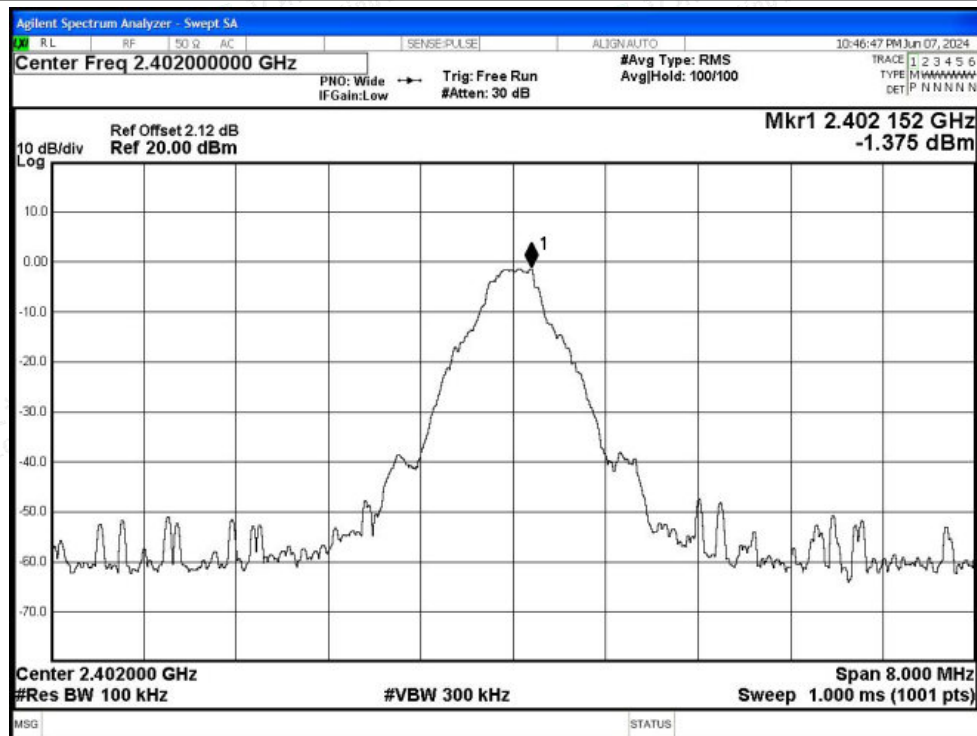
Condition	Mode	Frequency (MHz)	Antenna	Hopping Mode	Max Value (dBc)	Limit (dBc)	Verdict
NVNT	1-DH5	2402	Ant0	No-Hopping	-48.64	-20	Pass
NVNT	1-DH5	2480	Ant0	No-Hopping	-51.16	-20	Pass
NVNT	2-DH5	2402	Ant0	No-Hopping	-53.82	-20	Pass
NVNT	2-DH5	2480	Ant0	No-Hopping	-52.81	-20	Pass
NVNT	3-DH5	2402	Ant0	No-Hopping	-50.93	-20	Pass
NVNT	3-DH5	2480	Ant0	No-Hopping	-53.84	-20	Pass



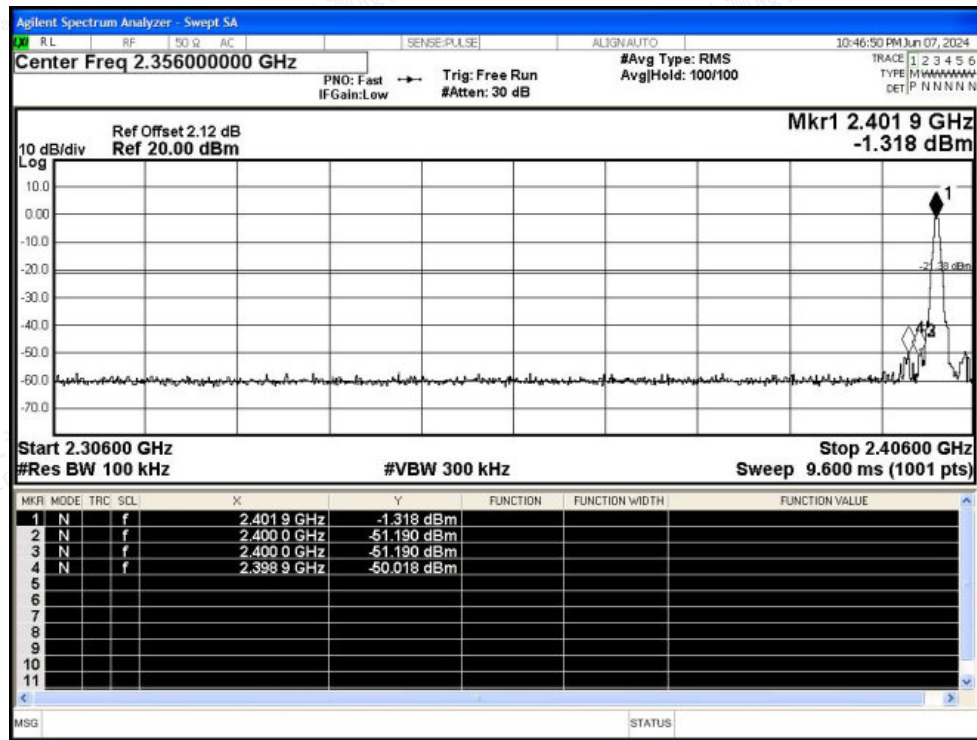


Test Graphs

Band Edge NVNT 1-DH5 2402MHz Ant0 No-Hopping Ref



Band Edge NVNT 1-DH5 2402MHz Ant0 No-Hopping Emission



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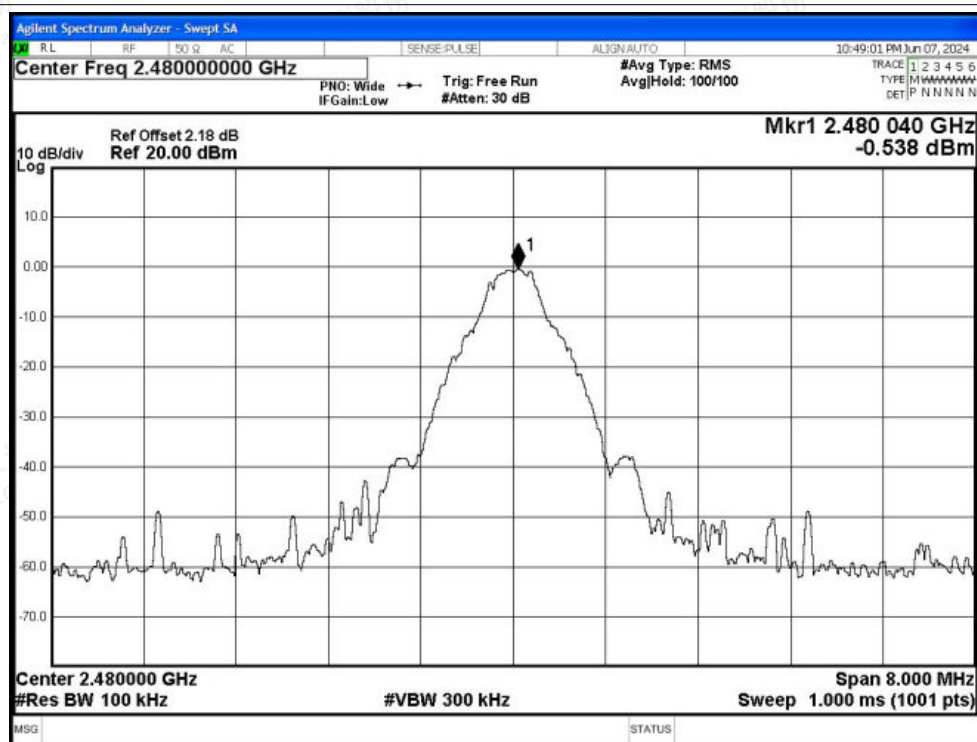
Add: 101, 201 Bldg A & 301 Bldg C, Juji Industrial Park Yabianxueziwei, Shajing Street, Baoan District, Shenzhen, 518000, China

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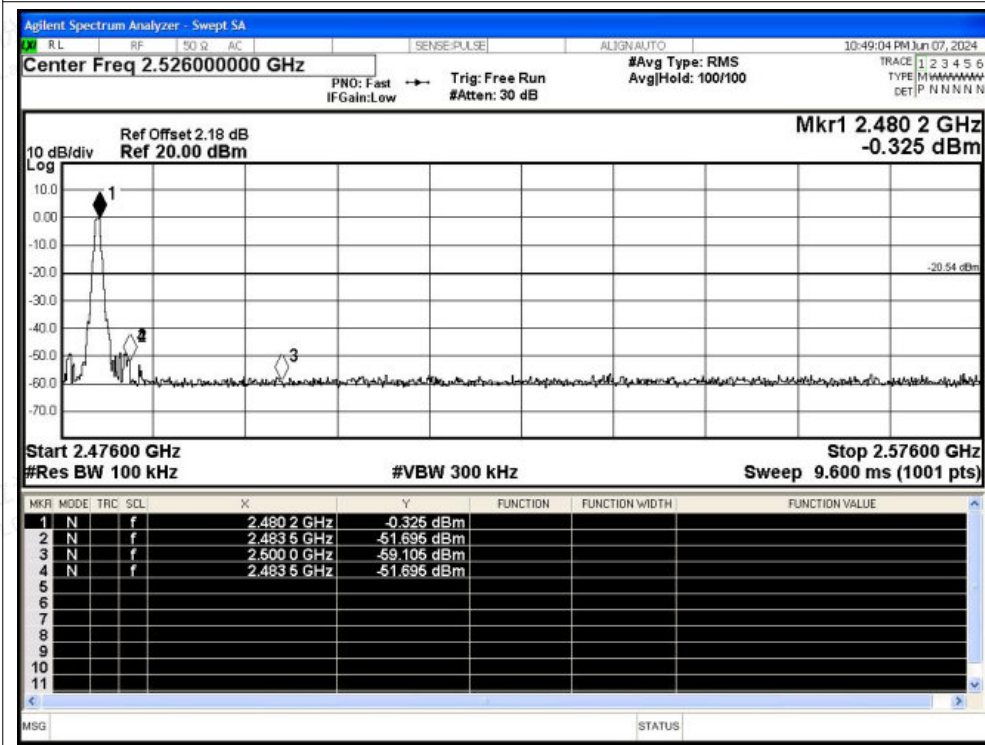
Scan code to check authenticity



Band Edge NVNT 1-DH5 2480MHz Ant0 No-Hopping Ref



Band Edge NVNT 1-DH5 2480MHz Ant0 No-Hopping Emission



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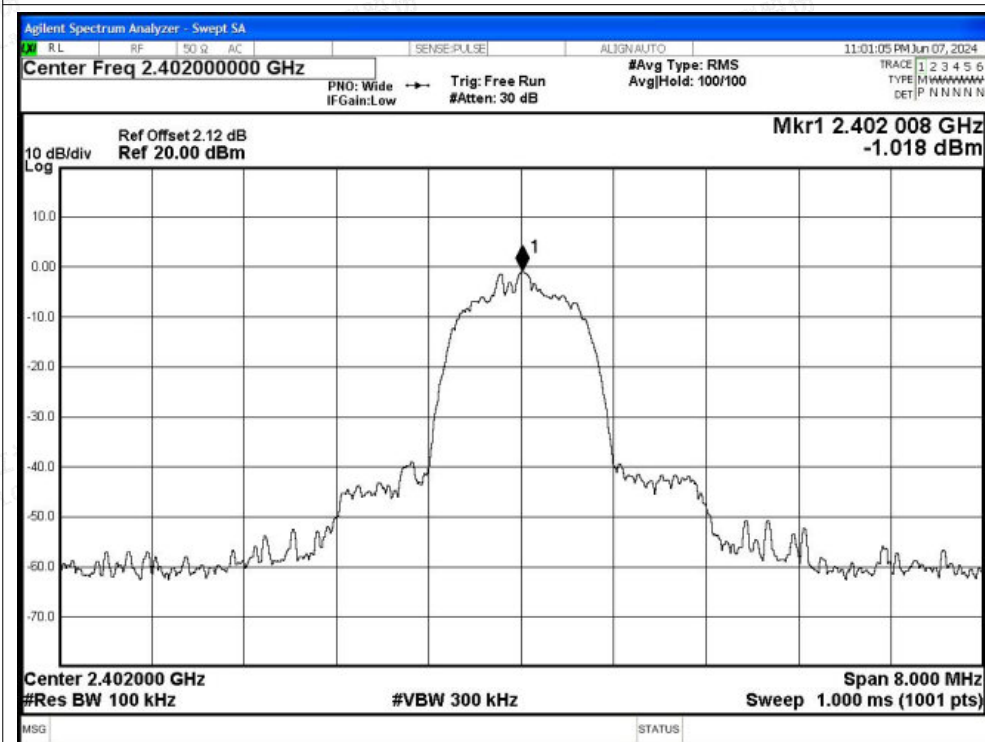
Add: 101, 201 Bldg A & 301 Bldg C, Juji Industrial Park Yabianxueziwei, Shajing Street, Baoan District, Shenzhen, 518000, China

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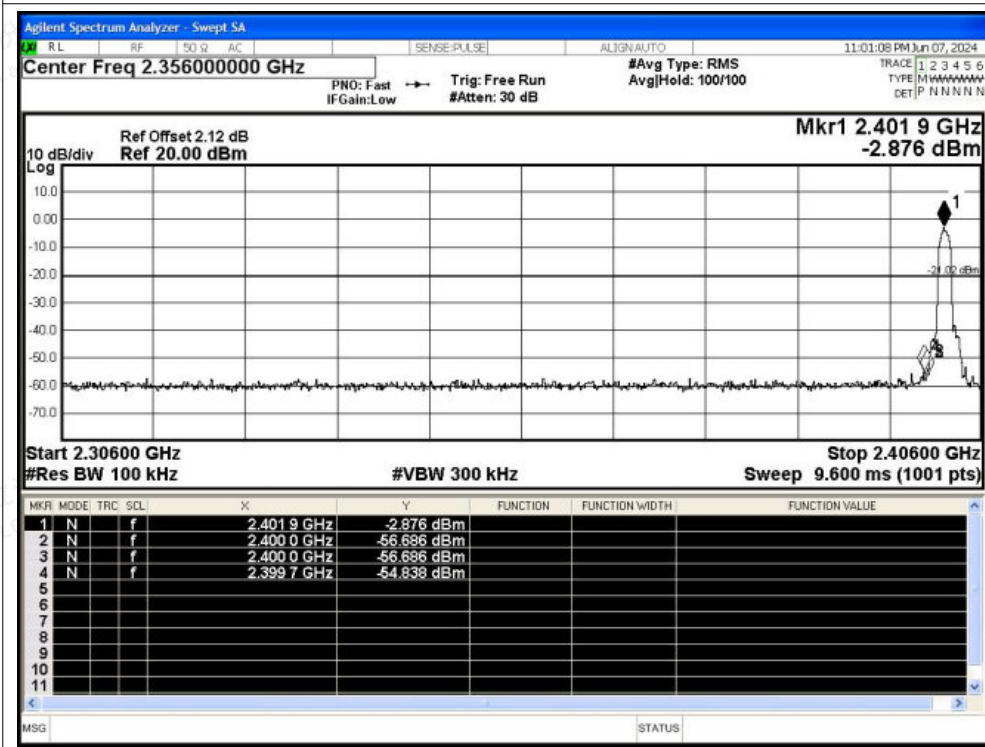
Scan code to check authenticity



Band Edge NVNT 2-DH5 2402MHz Ant0 No-Hopping Ref



Band Edge NVNT 2-DH5 2402MHz Ant0 No-Hopping Emission



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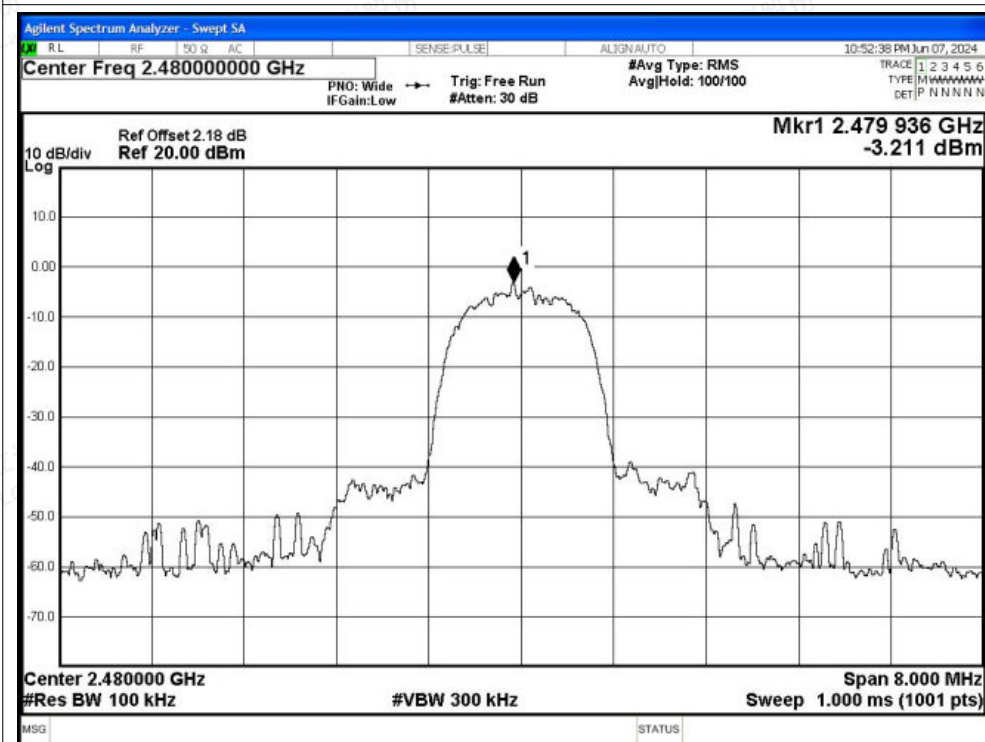
Add: 101, 201 Bldg A & 301 Bldg C, Juji Industrial Park Yabianxueziwei, Shajing Street, Baoan District, Shenzhen, 518000, China

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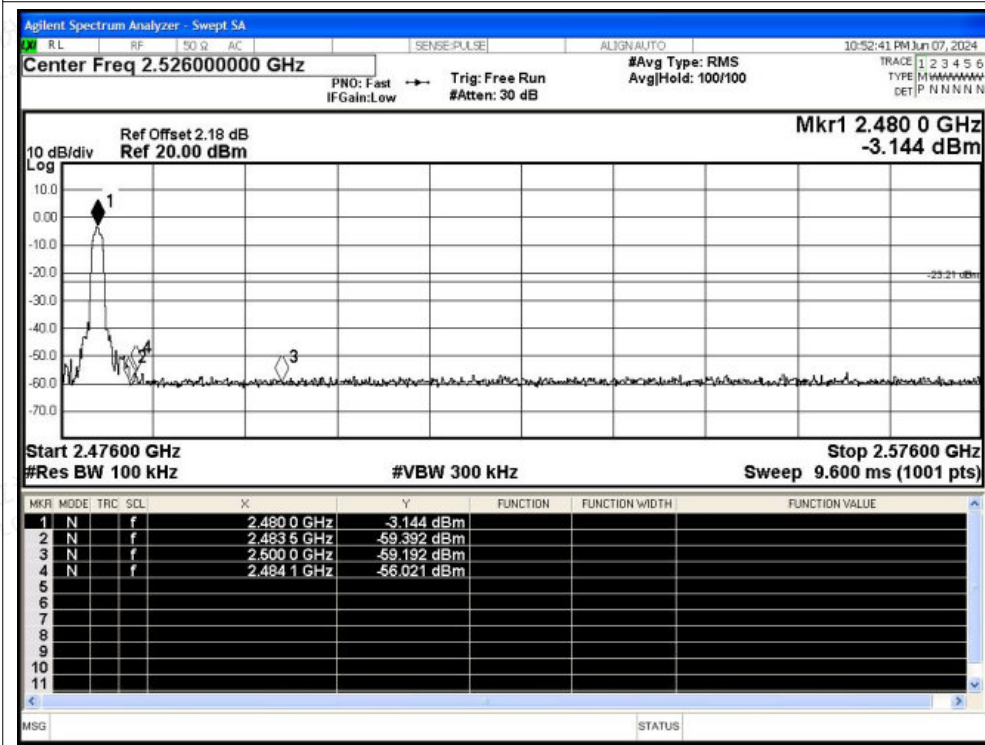
Scan code to check authenticity



Band Edge NVNT 2-DH5 2480MHz Ant0 No-Hopping Ref



Band Edge NVNT 2-DH5 2480MHz Ant0 No-Hopping Emission



Shenzhen LCS Compliance Testing Laboratory Ltd.

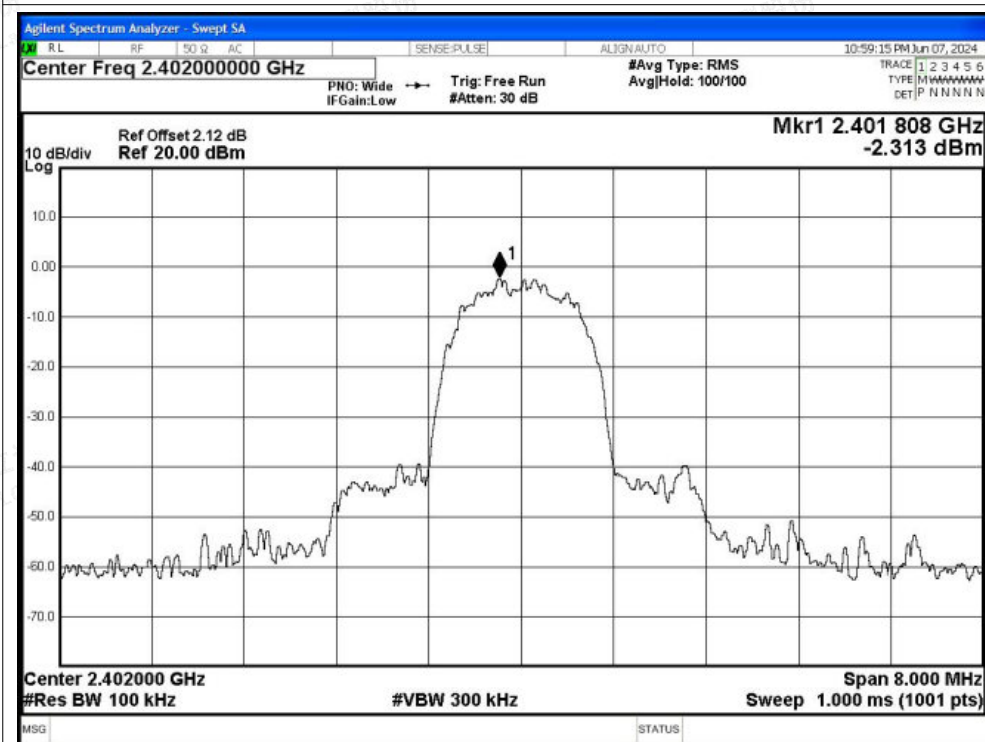
Add: 101, 201 Bldg A & 301 Bldg C, Juji Industrial Park Yabianxueziwei, Shajing Street, Baoan District, Shenzhen, 518000, China

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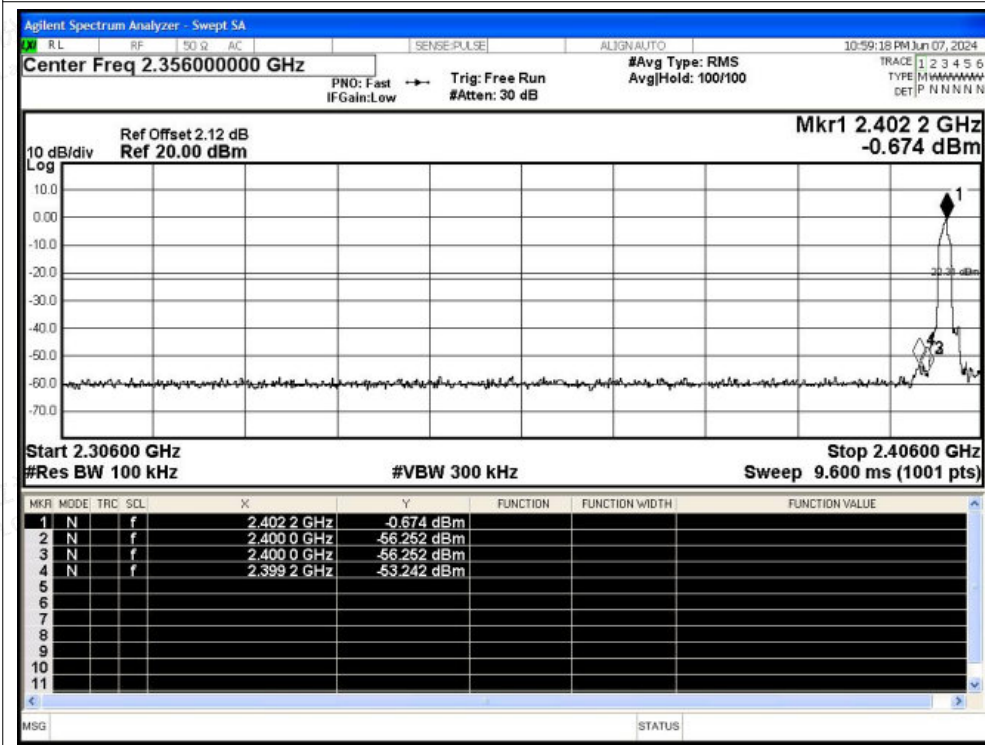
Scan code to check authenticity



Band Edge NVNT 3-DH5 2402MHz Ant0 No-Hopping Ref



Band Edge NVNT 3-DH5 2402MHz Ant0 No-Hopping Emission



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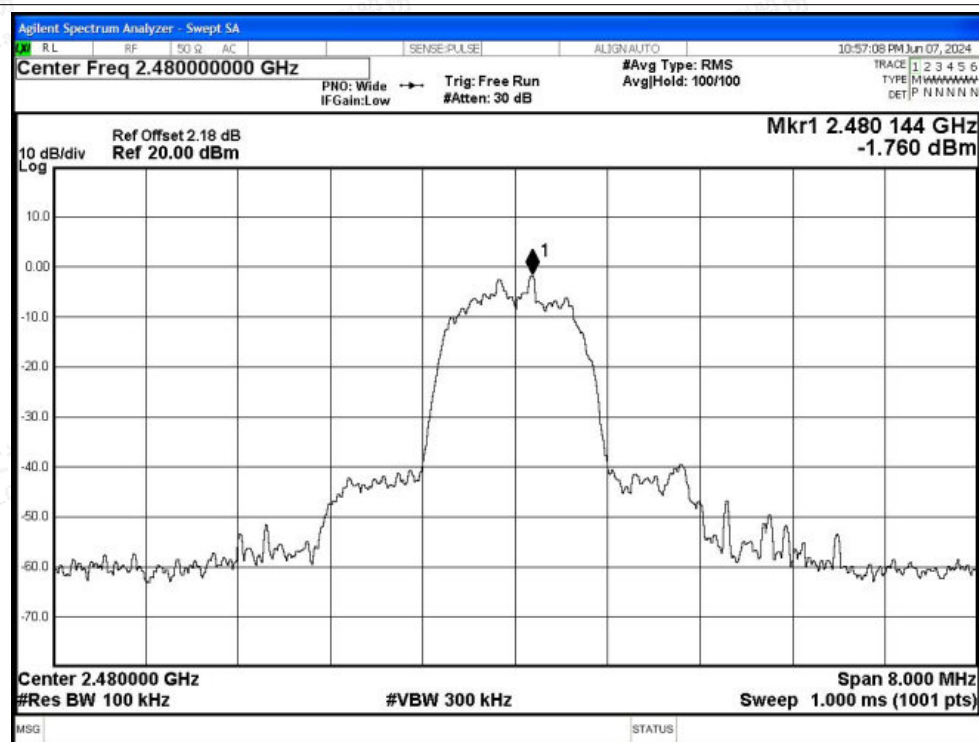
Add: 101, 201 Bldg A & 301 Bldg C, Juji Industrial Park Yabianxueziwei, Shajing Street, Baoan District, Shenzhen, 518000, China

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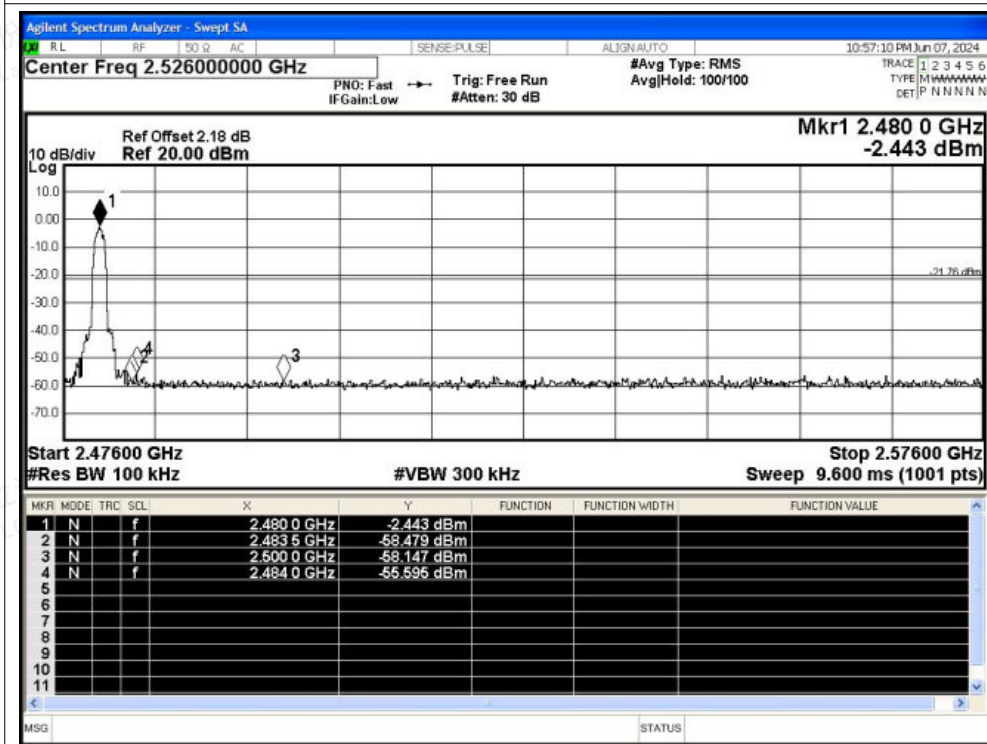
Scan code to check authenticity



Band Edge NVNT 3-DH5 2480MHz Ant0 No-Hopping Ref



Band Edge NVNT 3-DH5 2480MHz Ant0 No-Hopping Emission



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(Hopping)

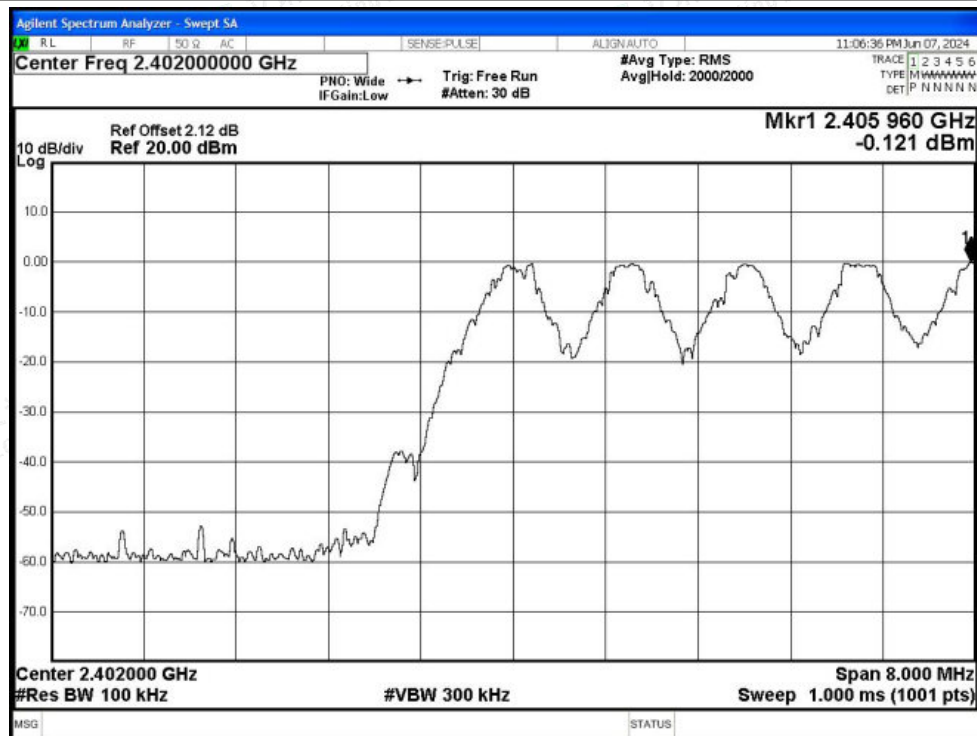
Condition	Mode	Frequency (MHz)	Antenna	Hopping Mode	Max Value (dBc)	Limit (dBc)	Verdict
NVNT	1-DH5	2402	Ant0	Hopping	-55.65	-20	Pass
NVNT	1-DH5	2480	Ant0	Hopping	-31.32	-20	Pass
NVNT	2-DH5	2402	Ant0	Hopping	-48.37	-20	Pass
NVNT	2-DH5	2480	Ant0	Hopping	-56.59	-20	Pass
NVNT	3-DH5	2402	Ant0	Hopping	-48.97	-20	Pass
NVNT	3-DH5	2480	Ant0	Hopping	-53.98	-20	Pass



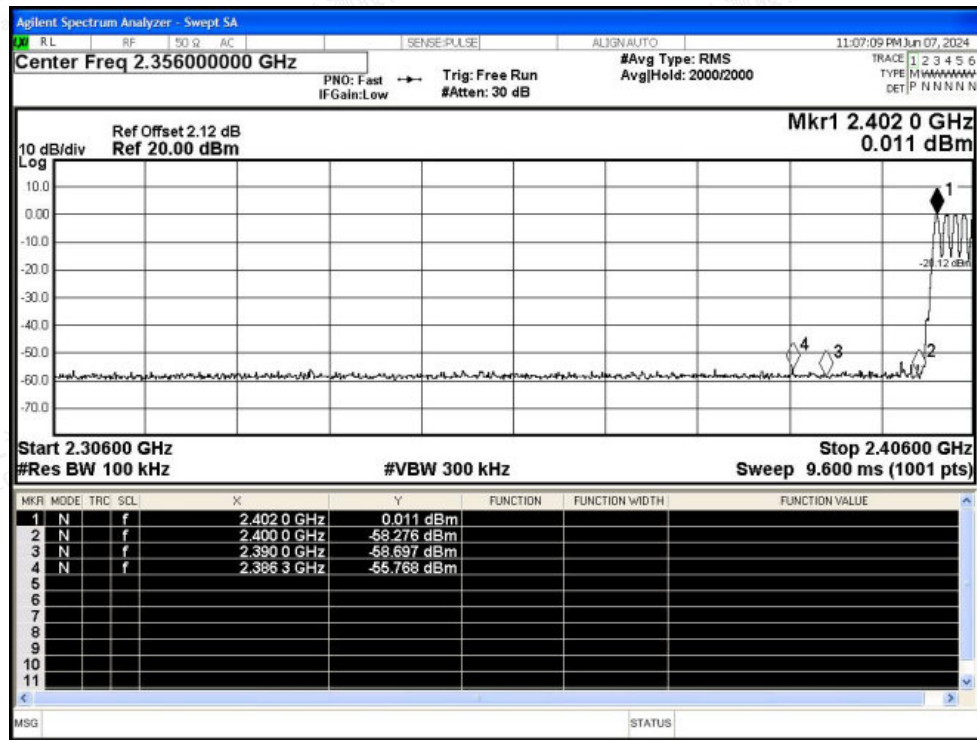


Test Graphs

Band Edge(Hopping) NVNT 1-DH5 2402MHz Ant0 Hopping Ref



Band Edge(Hopping) NVNT 1-DH5 2402MHz Ant0 Hopping Emission



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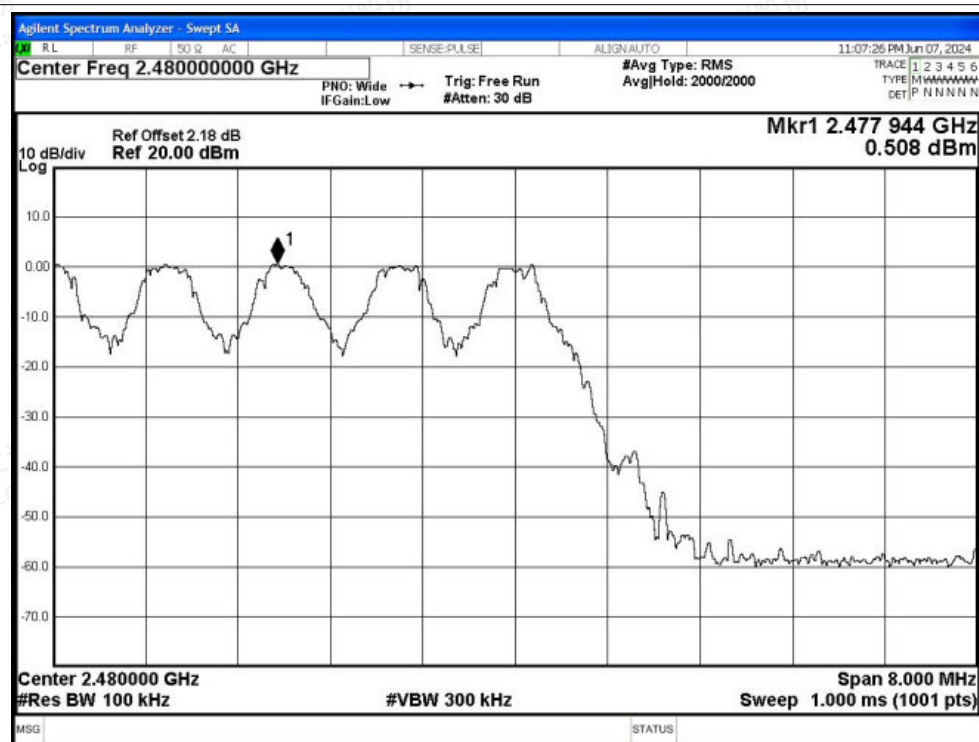
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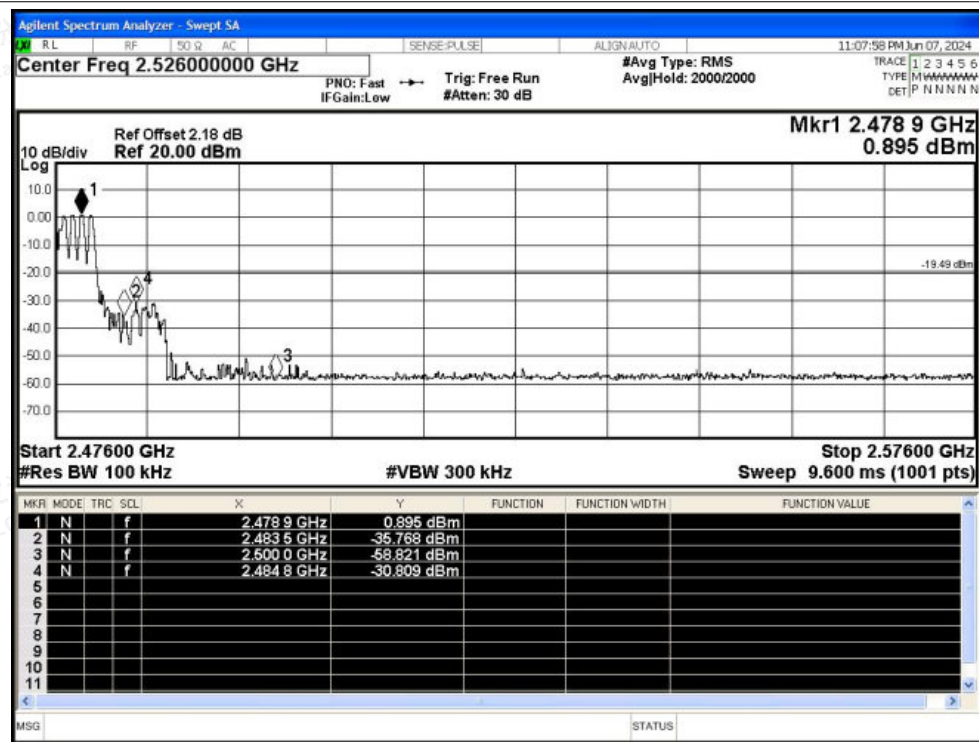
Scan code to check authenticity



Band Edge(Hopping) NVNT 1-DH5 2480MHz Ant0 Hopping Ref



Band Edge(Hopping) NVNT 1-DH5 2480MHz Ant0 Hopping Emission



Shenzhen LCS Compliance Testing Laboratory Ltd.

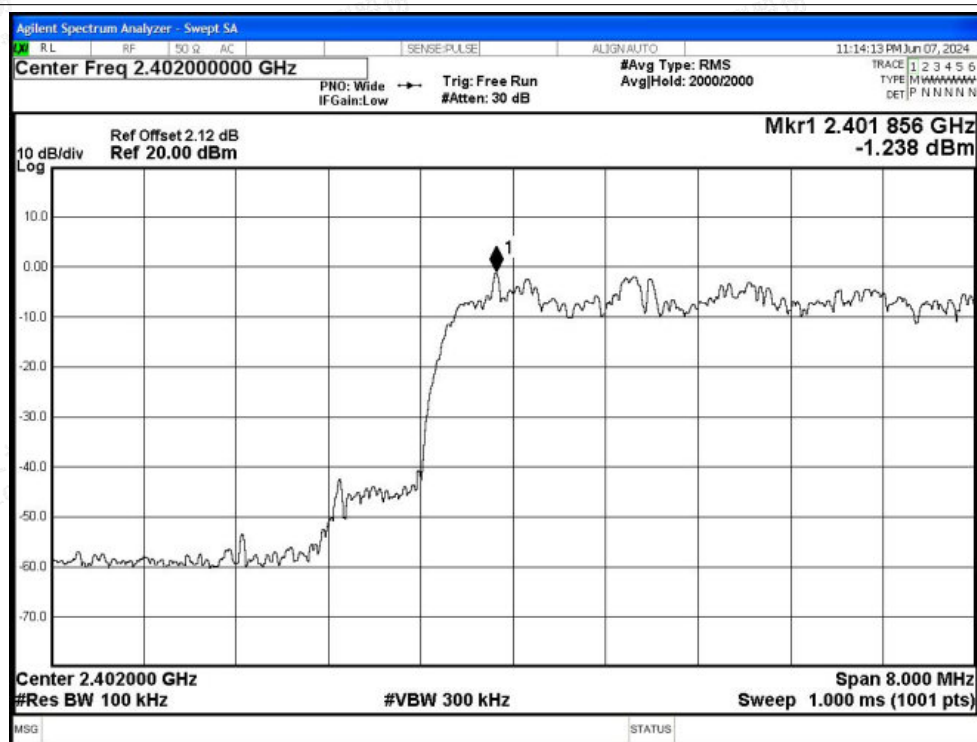
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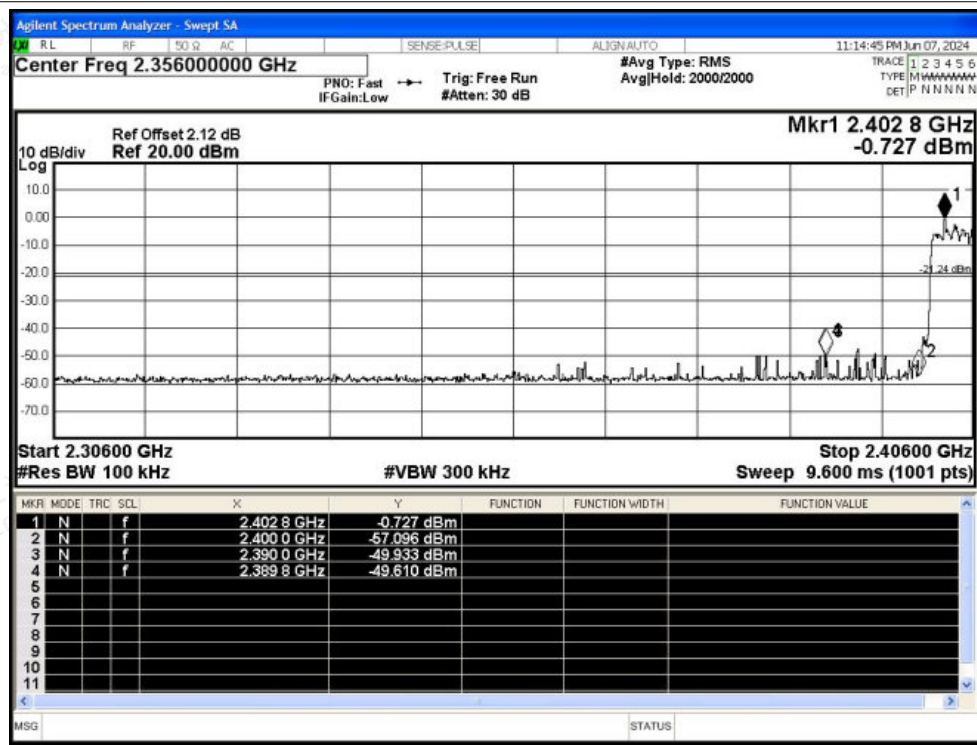
Scan code to check authenticity



Band Edge(Hopping) NVNT 2-DH5 2402MHz Ant0 Hopping Ref



Band Edge(Hopping) NVNT 2-DH5 2402MHz Ant0 Hopping Emission



Shenzhen LCS Compliance Testing Laboratory Ltd.

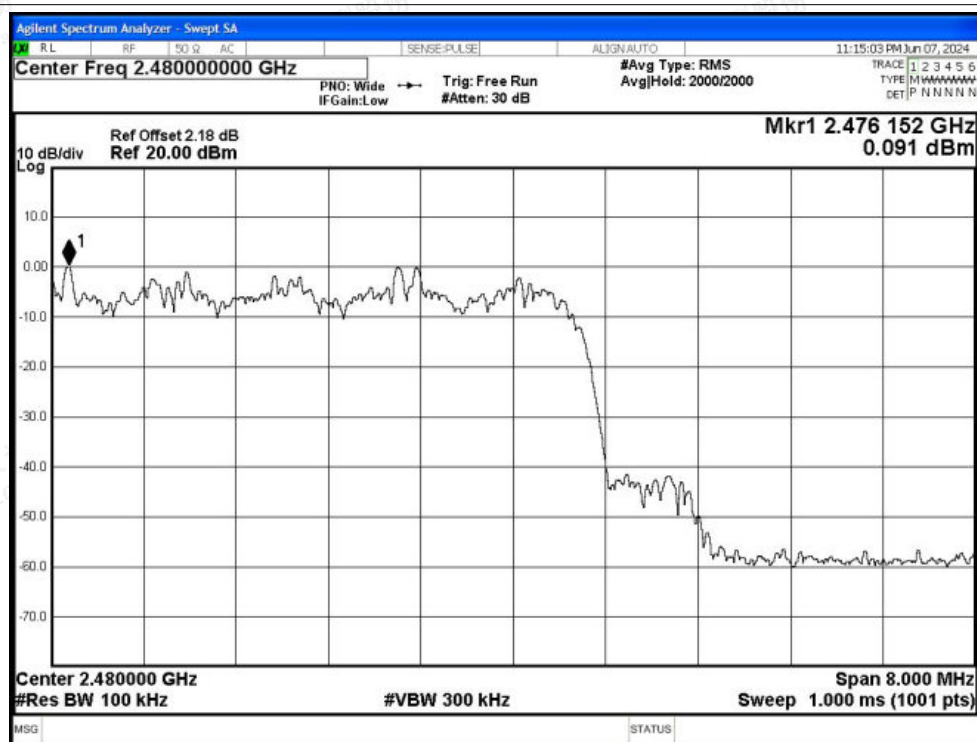
Add: 101, 201 Bldg A & 301 Bldg C, Juji Industrial Park Yabianxueziwei, Shajing Street, Baoan District, Shenzhen, 518000, China

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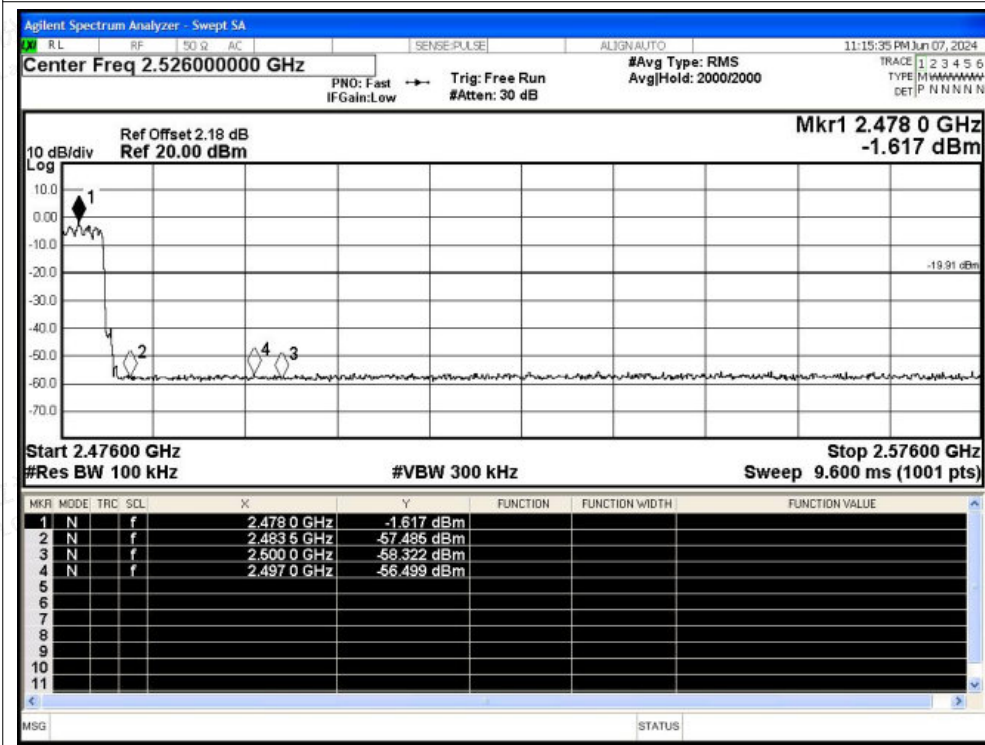
Scan code to check authenticity



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