



Appendix A

RF Test Data for BT (Conducted Measurement)

Product Name: OTT BOX

Test Model: G Series

Environmental Conditions

Temperature:	24.6°C
Relative Humidity:	53.8%
ATM Pressure:	100.0 kPa
Test Engineer:	Can Kun
Supervised by:	Paddi Chen





A.1 -20dB Bandwidth

Condition	Mode	Frequency (MHz)	Antenna	-20 dB Bandwidth (MHz)	Limit -20 dB Bandwidth (MHz)	Verdict
NVNT	1-DH5	2402	Ant	0.958	N/A	Pass
NVNT	1-DH5	2441	Ant	1.001	N/A	Pass
NVNT	1-DH5	2480	Ant	1.008	N/A	Pass
NVNT	2-DH5	2402	Ant	1.283	N/A	Pass
NVNT	2-DH5	2441	Ant	1.285	N/A	Pass
NVNT	2-DH5	2480	Ant	1.288	N/A	Pass
NVNT	3-DH5	2402	Ant	1.29	N/A	Pass
NVNT	3-DH5	2441	Ant	1.301	N/A	Pass
NVNT	3-DH5	2480	Ant	1.287	N/A	Pass



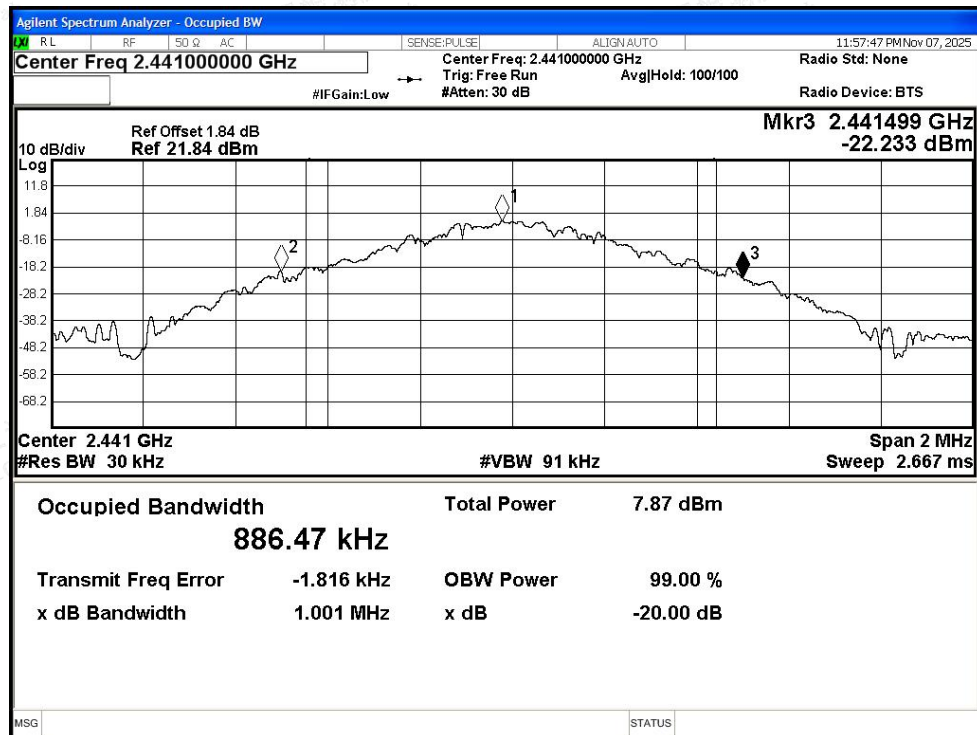


Test Graphs

-20dB Bandwidth NVNT 1-DH5 2402MHz Ant



-20dB Bandwidth NVNT 1-DH5 2441MHz Ant



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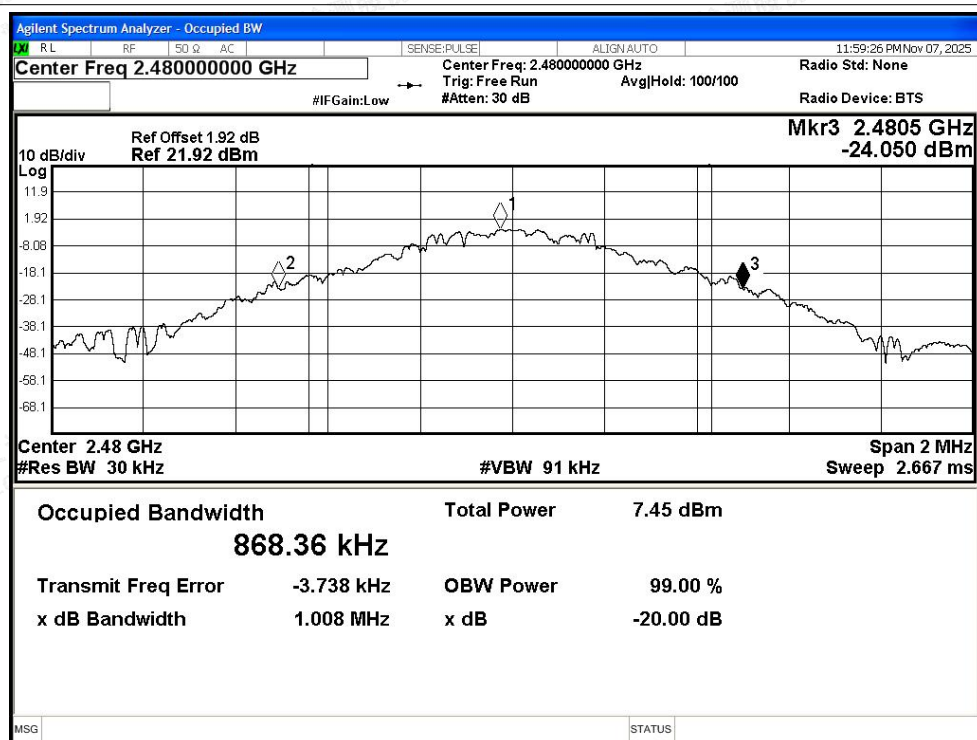
Add: 101, 201 Bldg A & 301 Bldg C, Juji Industrial Park Yabianxueziwei, Shajing Street, Baoan District, Shenzhen, 518000, China

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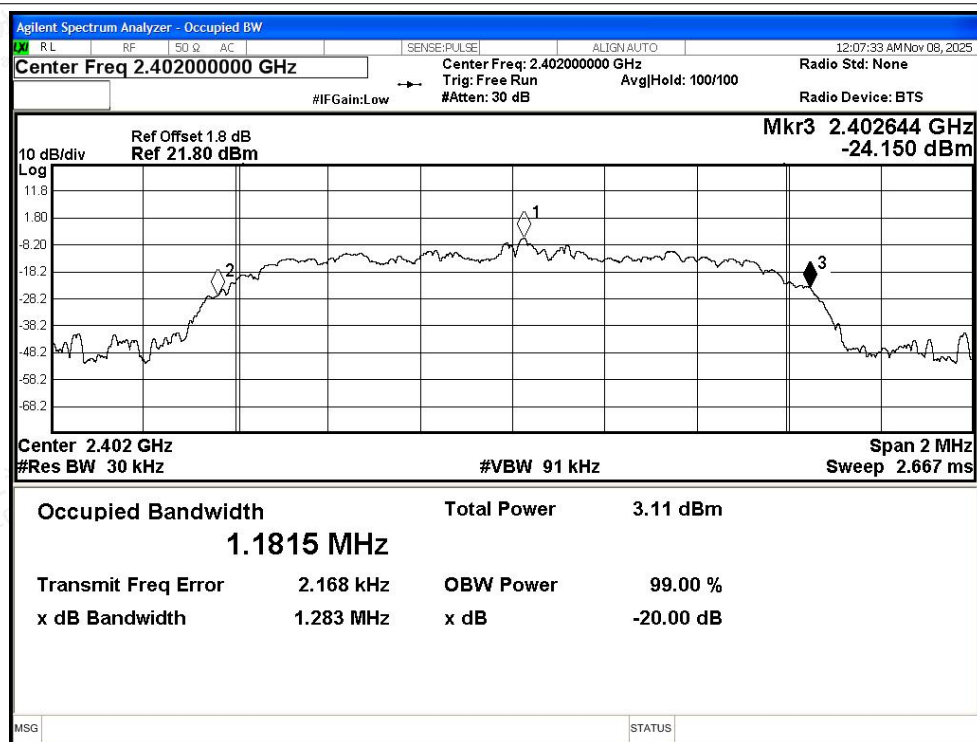
Scan code to check authenticity



-20dB Bandwidth NVNT 1-DH5 2480MHz Ant



-20dB Bandwidth NVNT 2-DH5 2402MHz Ant



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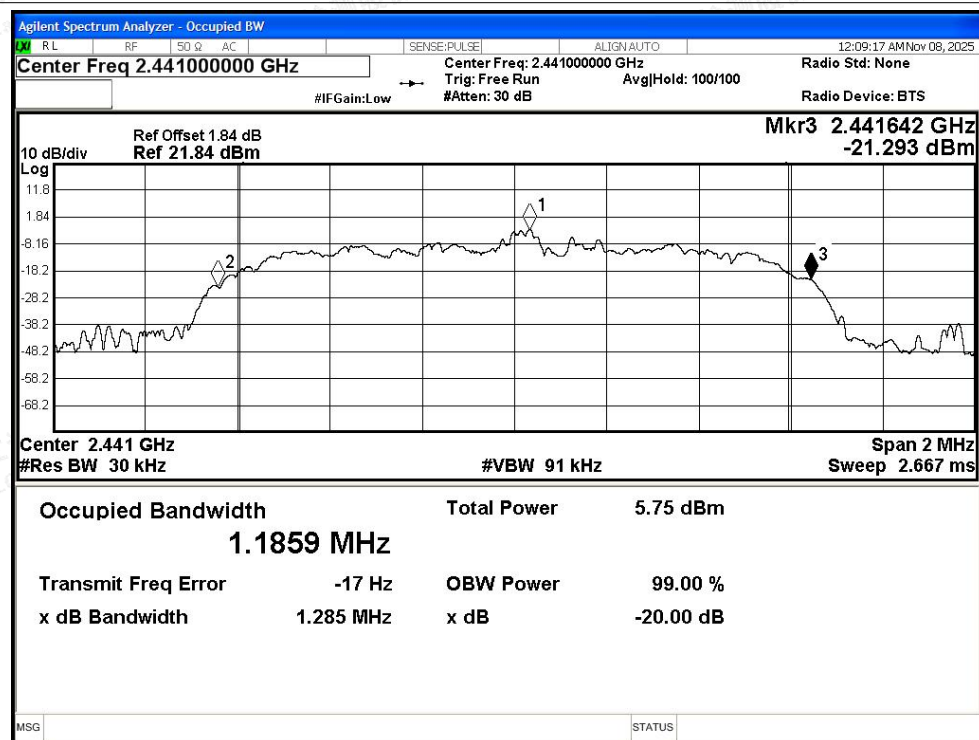
Add: 101, 201 Bldg A & 301 Bldg C, Juji Industrial Park Yabianxueziwei, Shajing Street, Baoan District, Shenzhen, 518000, China

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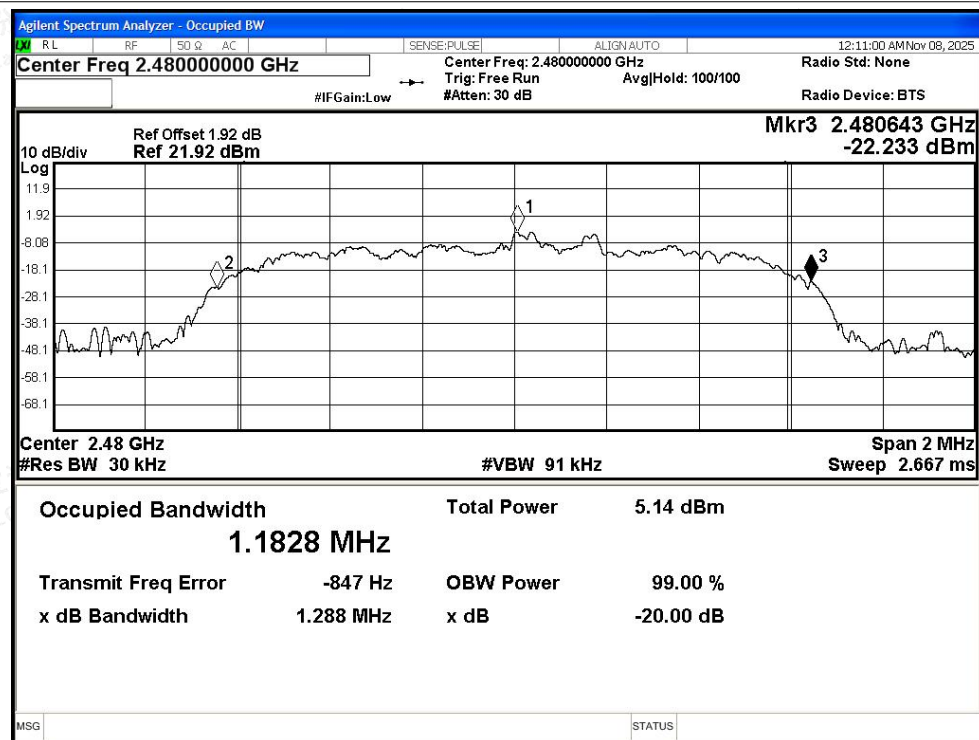
Scan code to check authenticity



-20dB Bandwidth NVNT 2-DH5 2441MHz Ant



-20dB Bandwidth NVNT 2-DH5 2480MHz Ant



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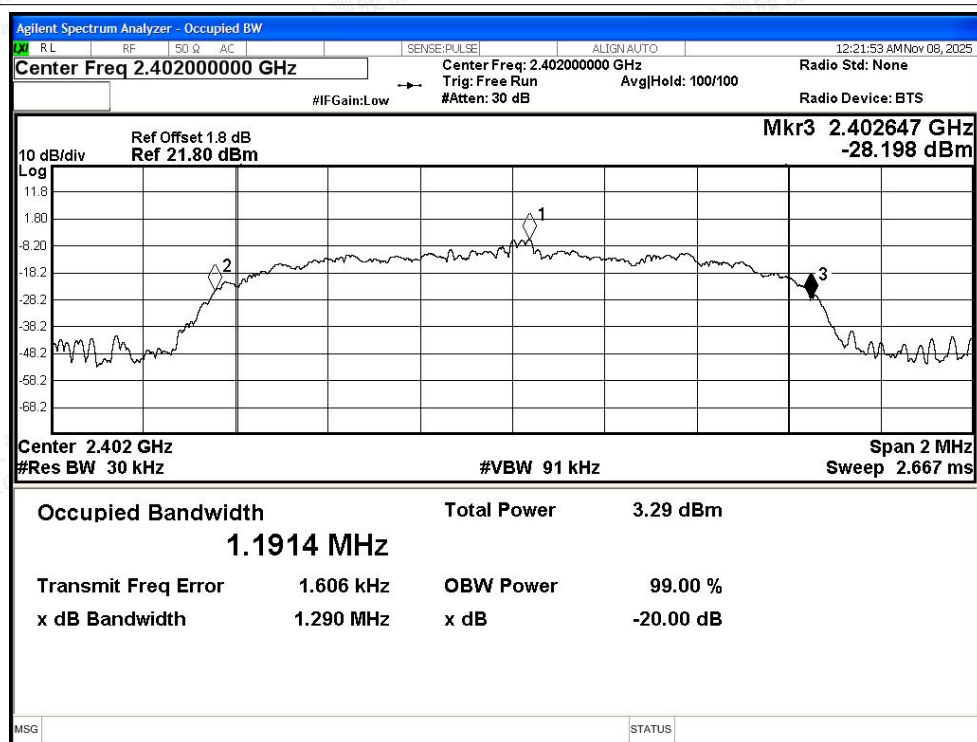
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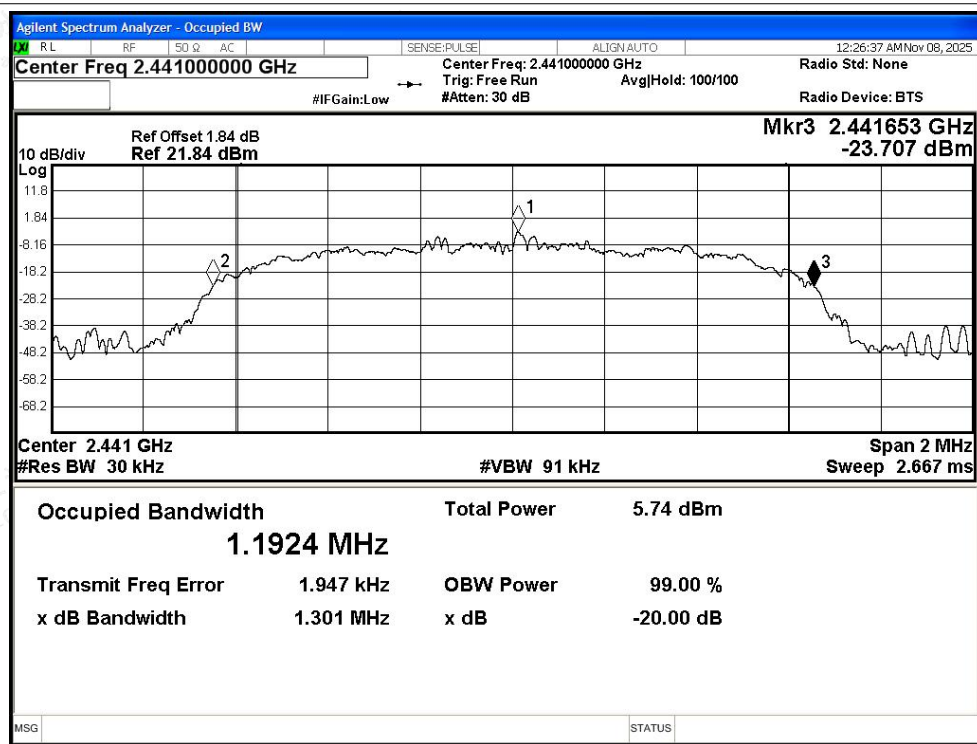
Scan code to check authenticity



-20dB Bandwidth NVNT 3-DH5 2402MHz Ant



-20dB Bandwidth NVNT 3-DH5 2441MHz Ant

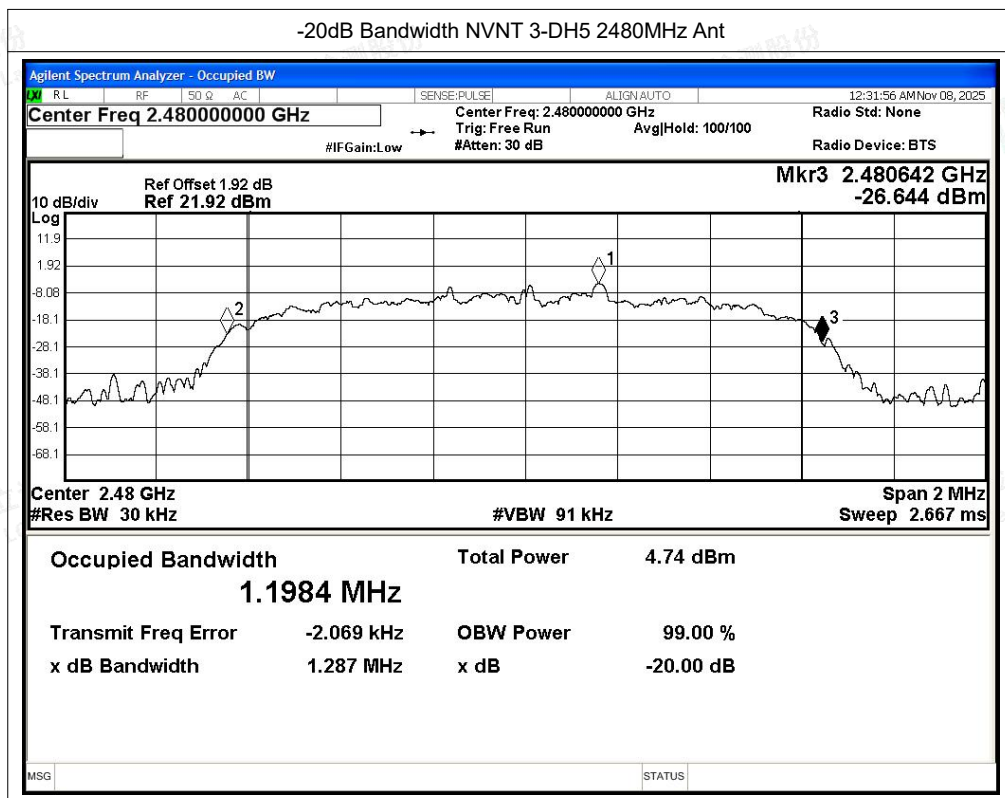


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A.2 Maximum Peak Conducted Output Power

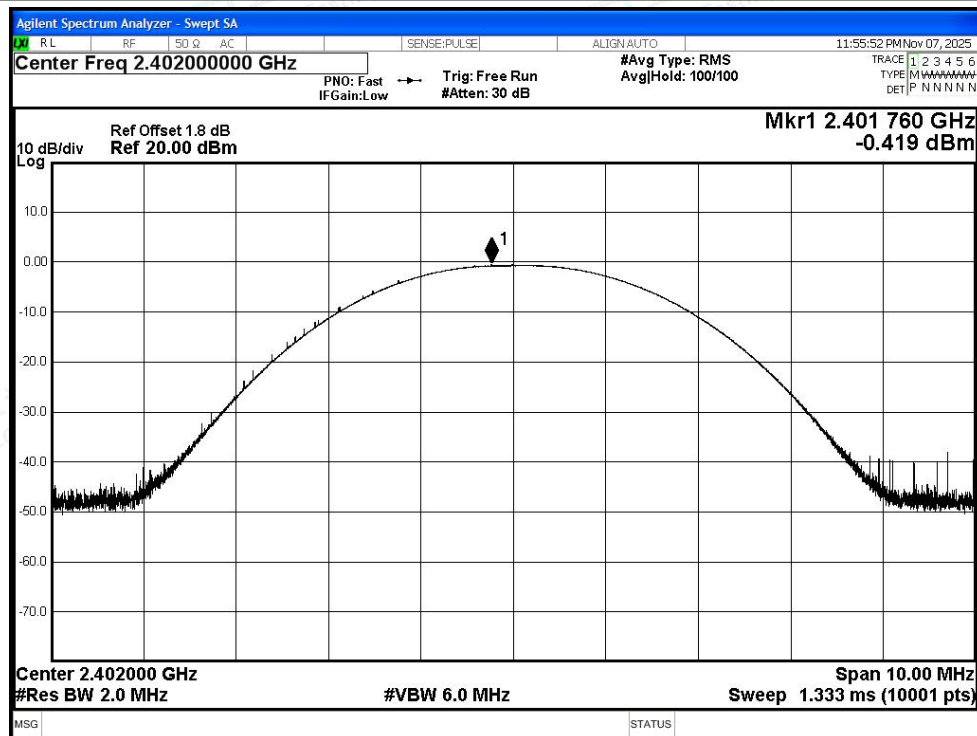
Condition	Mode	Frequency (MHz)	Antenna	Conducted Power (dBm)	Limit (dBm)	Verdict
NVNT	1-DH5	2402	Ant	-0.42	21	Pass
NVNT	1-DH5	2441	Ant	1.86	21	Pass
NVNT	1-DH5	2480	Ant	1.25	21	Pass
NVNT	2-DH5	2402	Ant	-1.07	21	Pass
NVNT	2-DH5	2441	Ant	1.42	21	Pass
NVNT	2-DH5	2480	Ant	0.6	21	Pass
NVNT	3-DH5	2402	Ant	-0.62	21	Pass
NVNT	3-DH5	2441	Ant	1.86	21	Pass
NVNT	3-DH5	2480	Ant	0.99	21	Pass



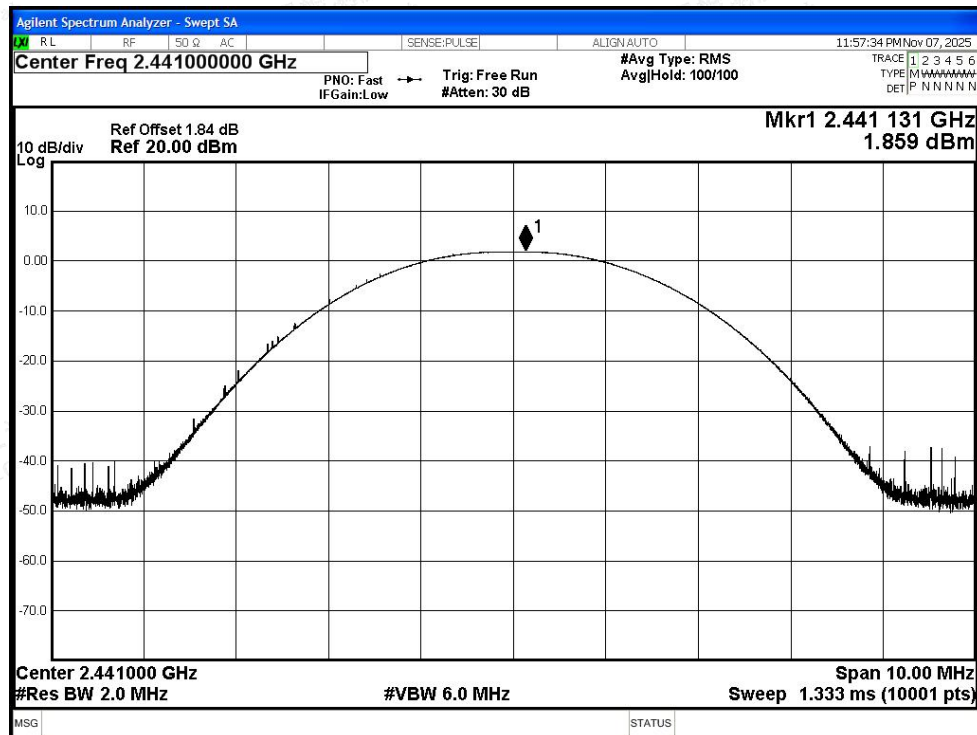


Test Graphs

Power NVNT 1-DH5 2402MHz Ant



Power NVNT 1-DH5 2441MHz Ant

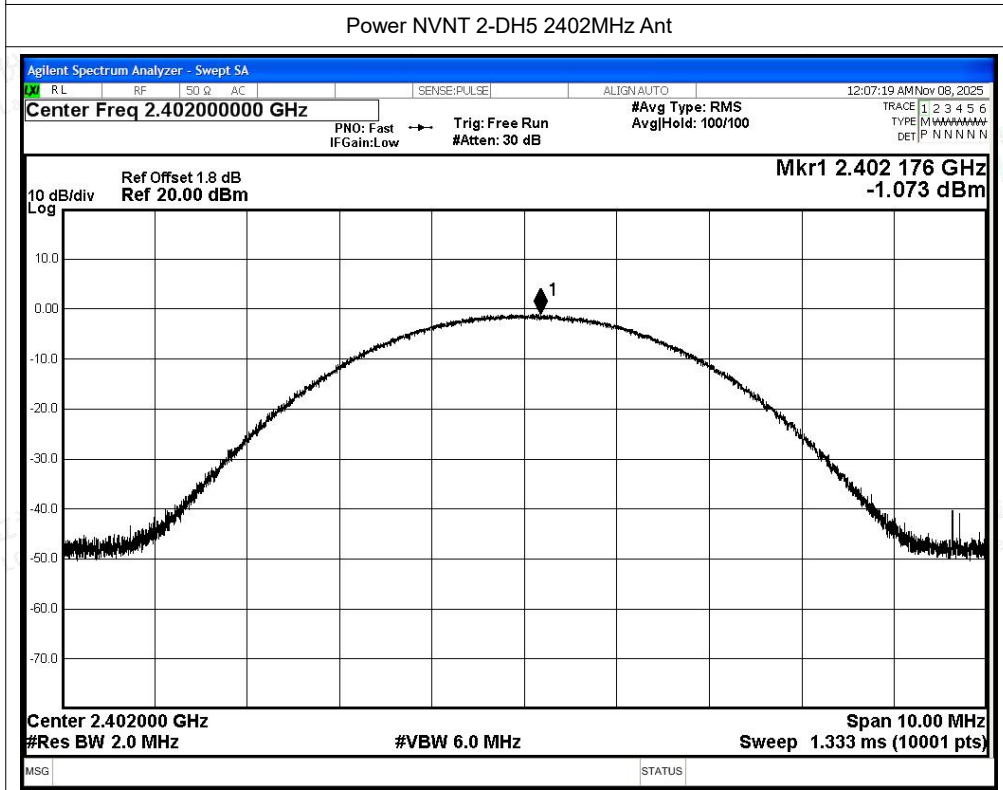
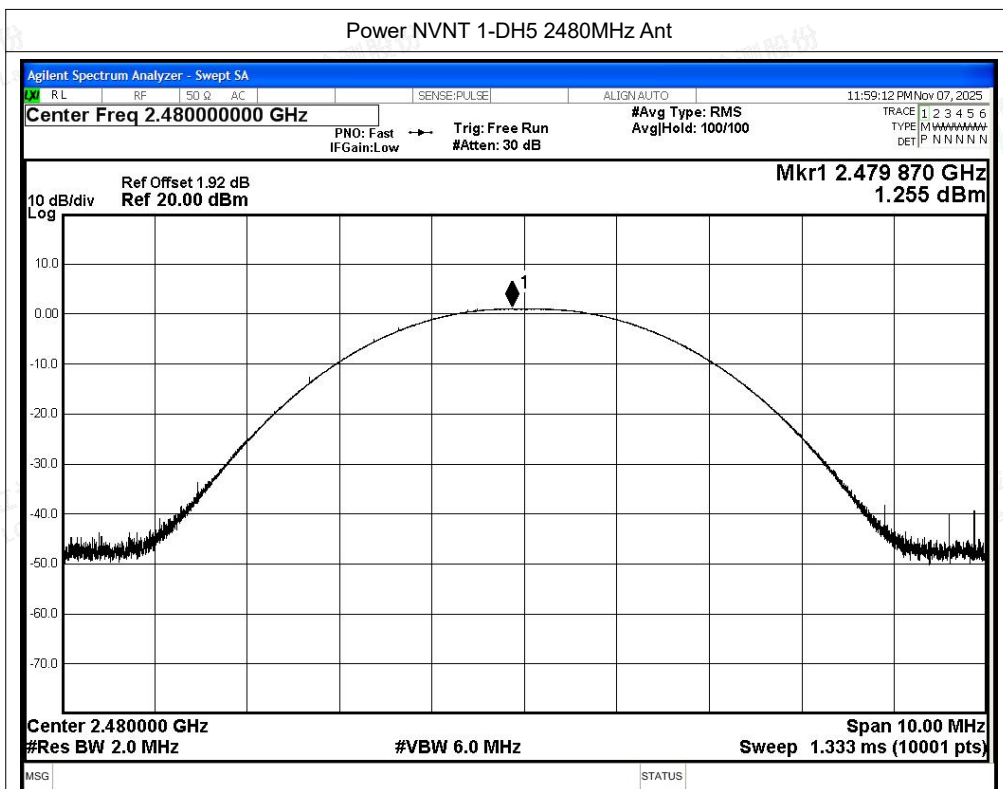


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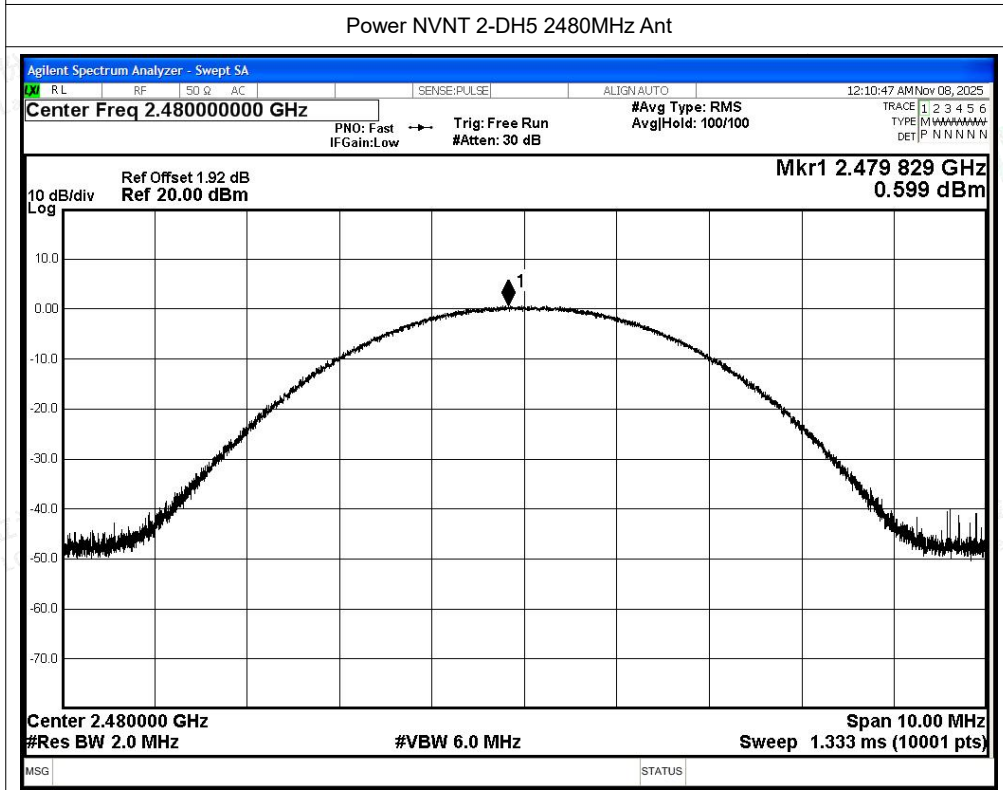
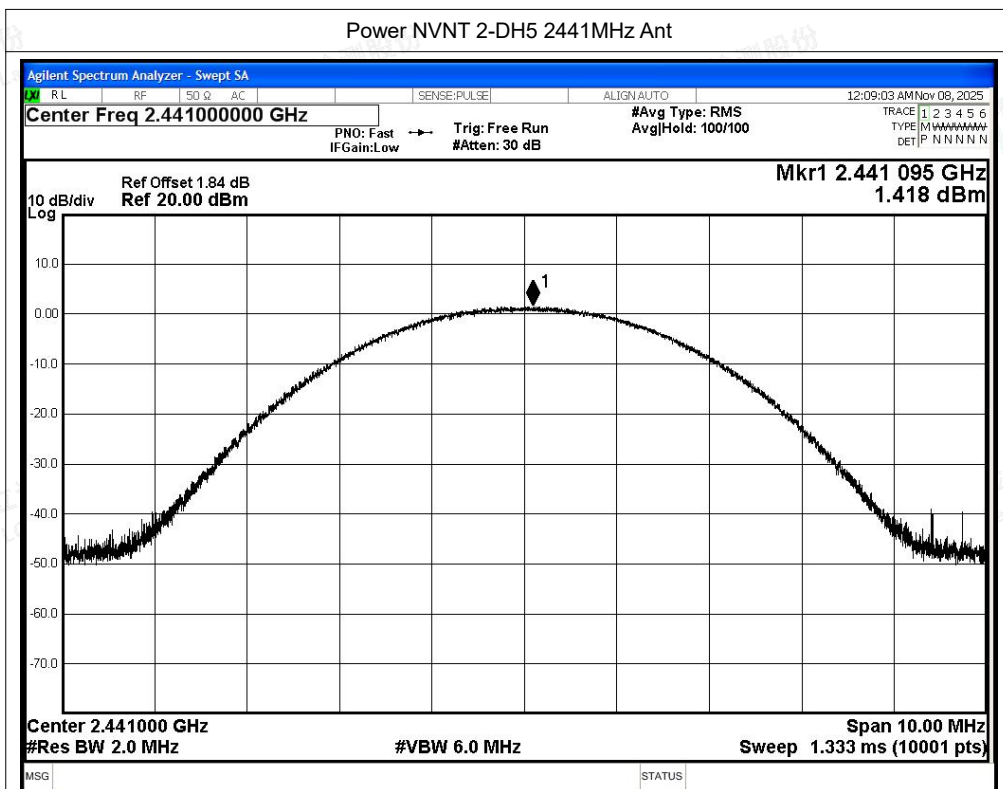


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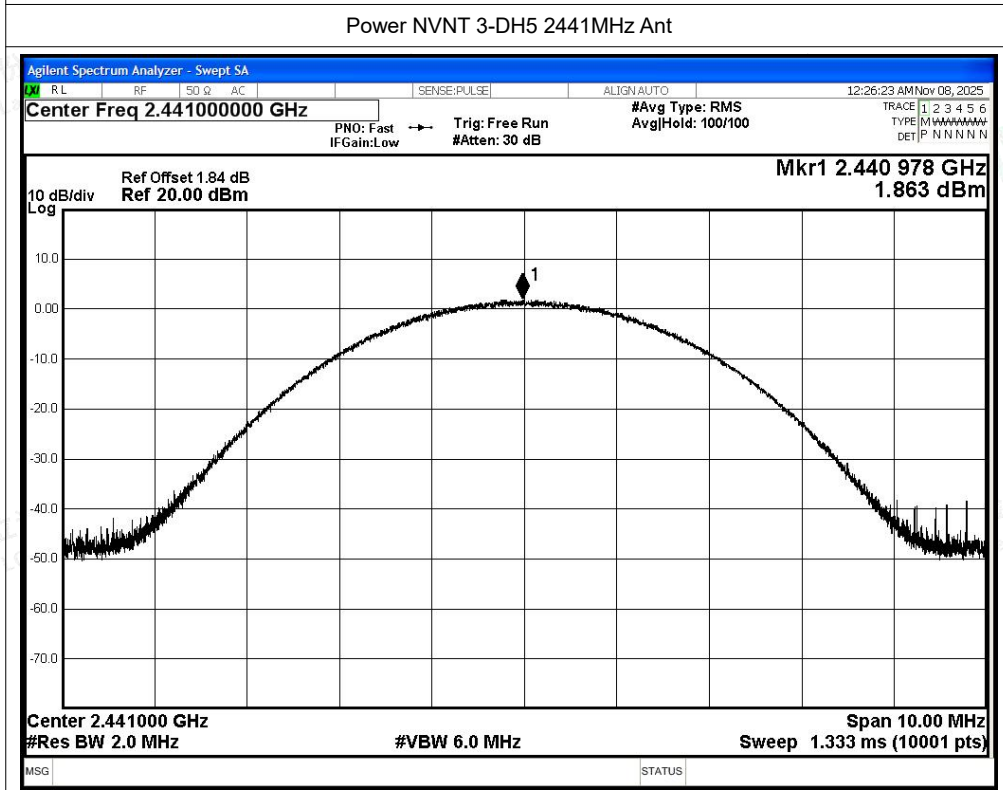
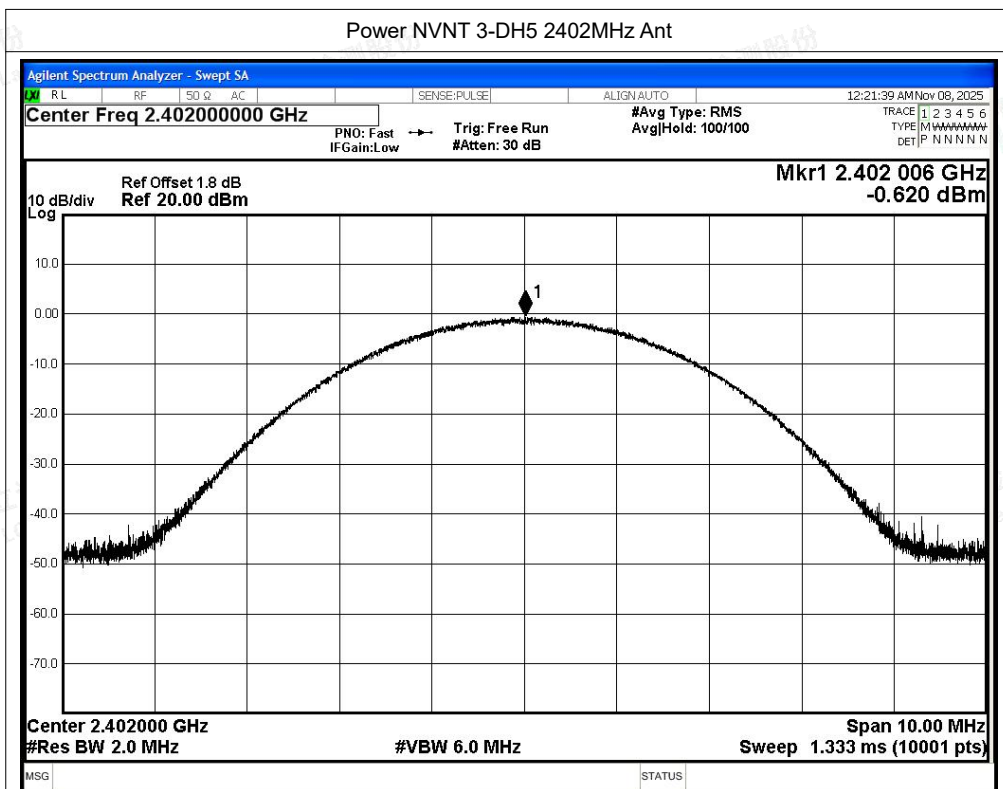


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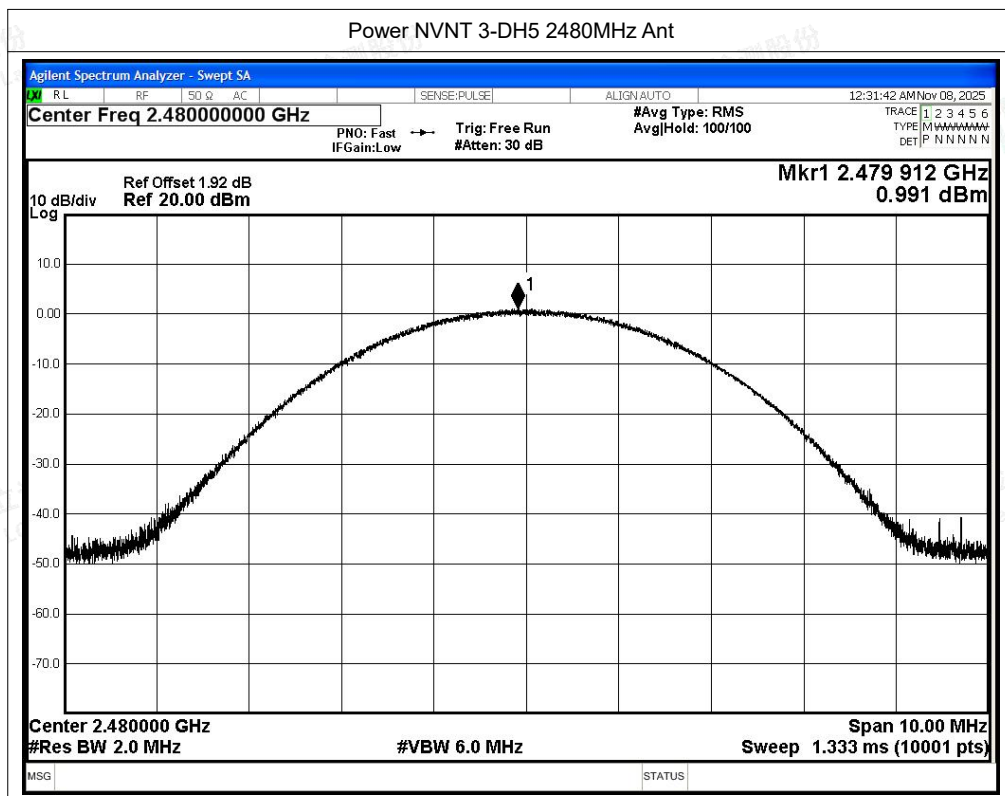


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A.3 Carrier Frequencies Separation

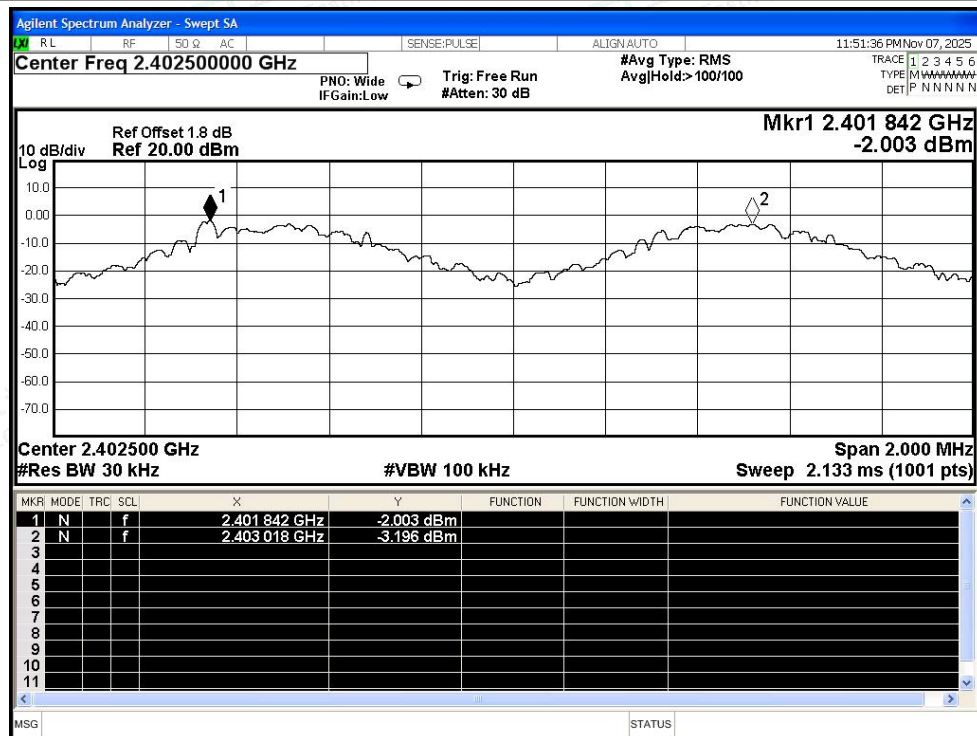
Condition	Mode	Antenna	Hopping Freq1 (MHz)	Hopping Freq2 (MHz)	HFS (MHz)	Limit (MHz)	Verdict
NVNT	1-DH5	Ant	2401.842	2403.018	1.176	0.672	Pass
NVNT	2-DH5	Ant	2402.01	2403.026	1.016	0.859	Pass
NVNT	3-DH5	Ant	2402.022	2403.032	1.01	0.867	Pass



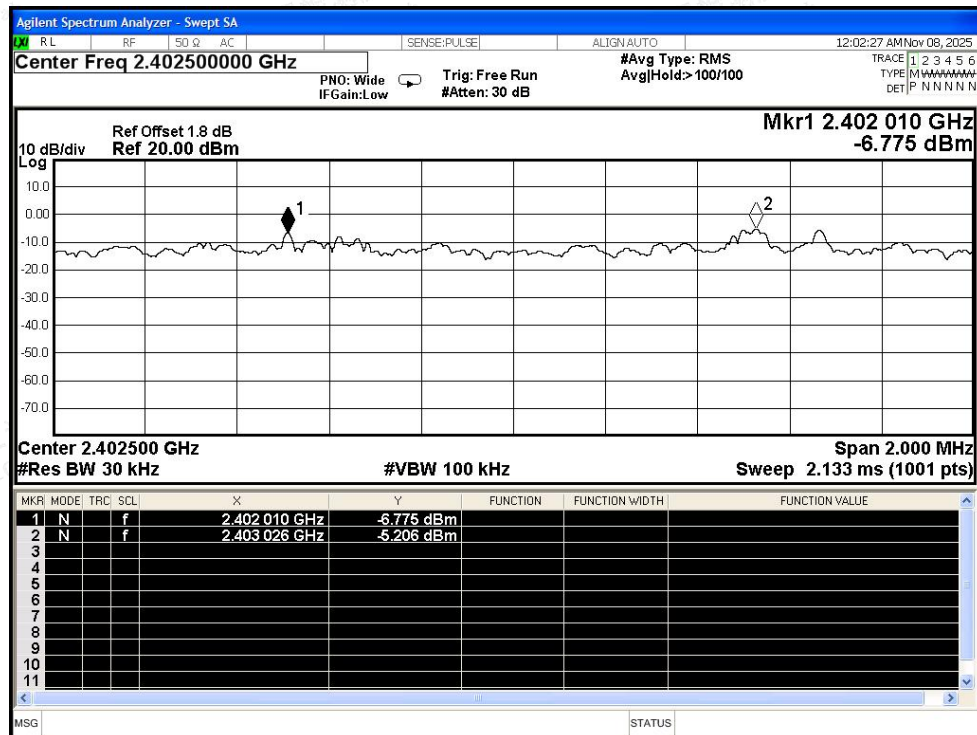


Test Graphs

CFS NVNT 1-DH5 2402MHz Ant



CFS NVNT 2-DH5 2402MHz Ant

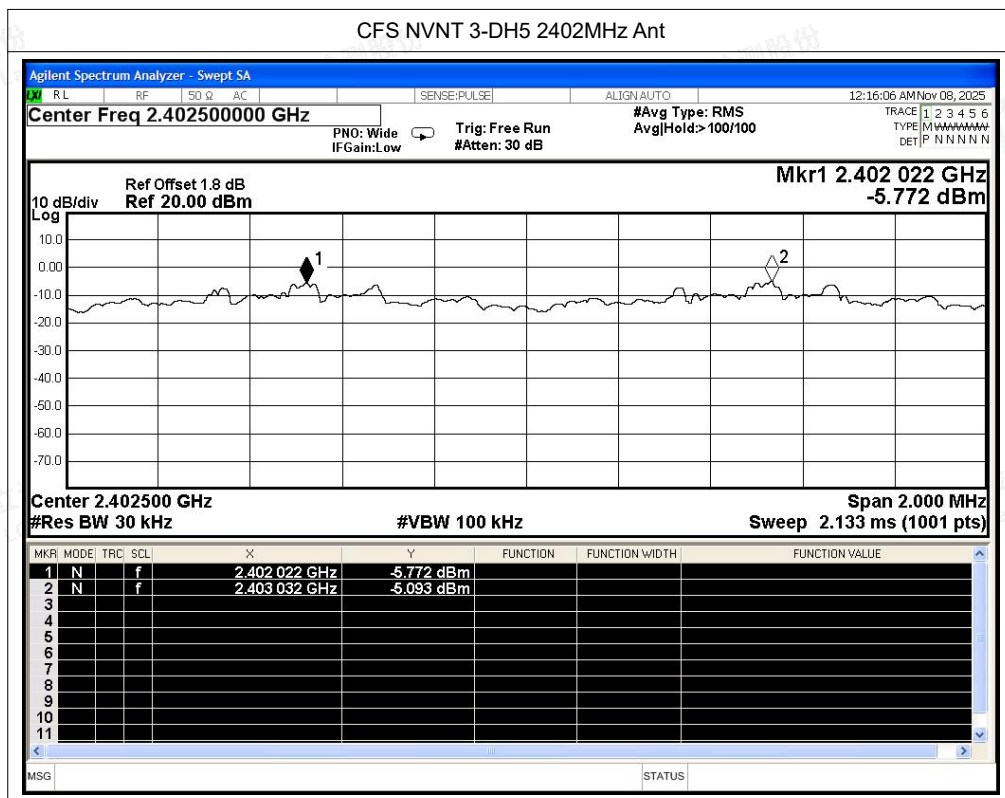


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A.4 Dwell Time

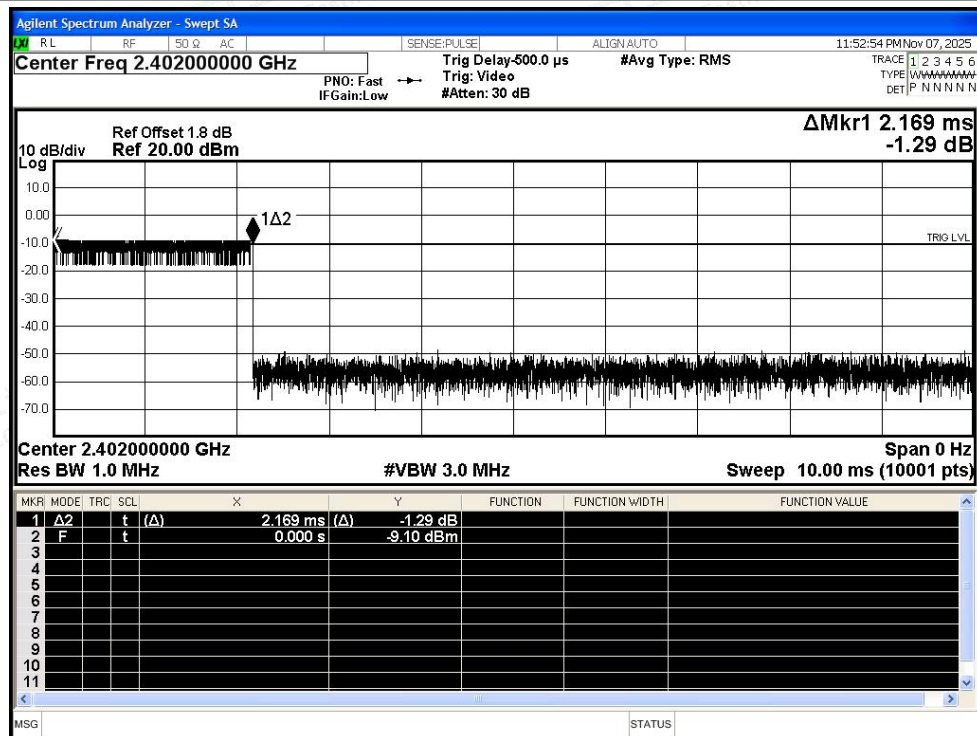
Condition	Mode	Frequency (MHz)	Antenna	Pulse Time (ms)	Total Dwell Time (ms)	Burst Count	Period Time (ms)	Limit (ms)	Verdict
NVNT	1-DH5	2402	Ant	2.169	206.055	95	31600	400	Pass
NVNT	2-DH5	2402	Ant	2.898	304.29	105	31600	400	Pass
NVNT	3-DH5	2402	Ant	0.661	75.354	114	31600	400	Pass



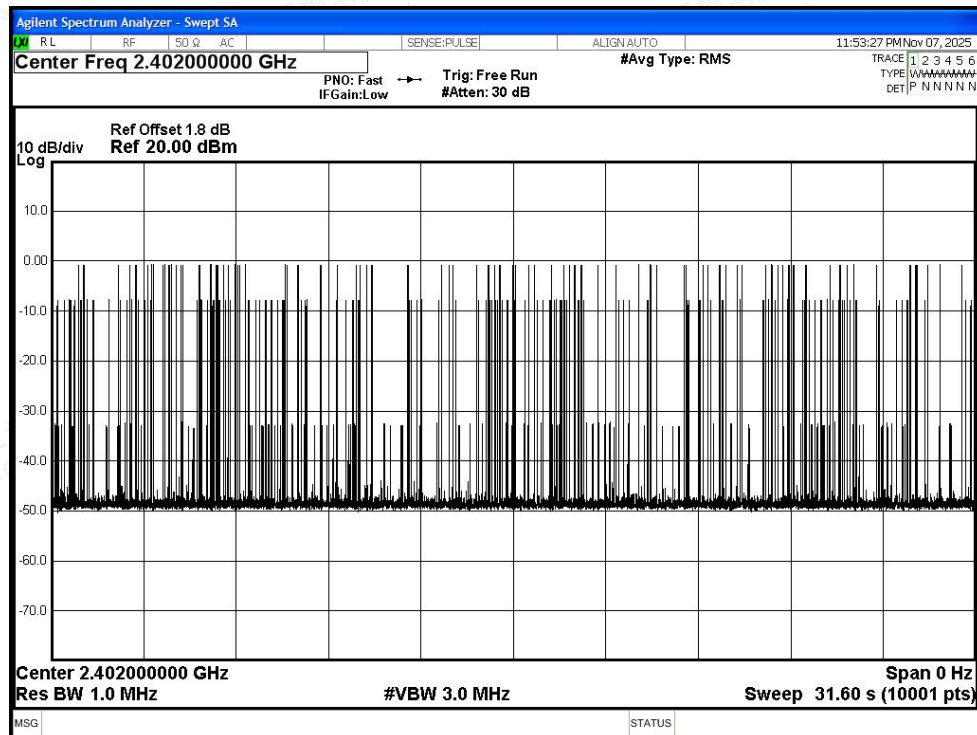


Test Graphs

Dwell NVNT 1-DH5 2402MHz Ant One Burst



Dwell NVNT 1-DH5 2402MHz Ant Accumulated



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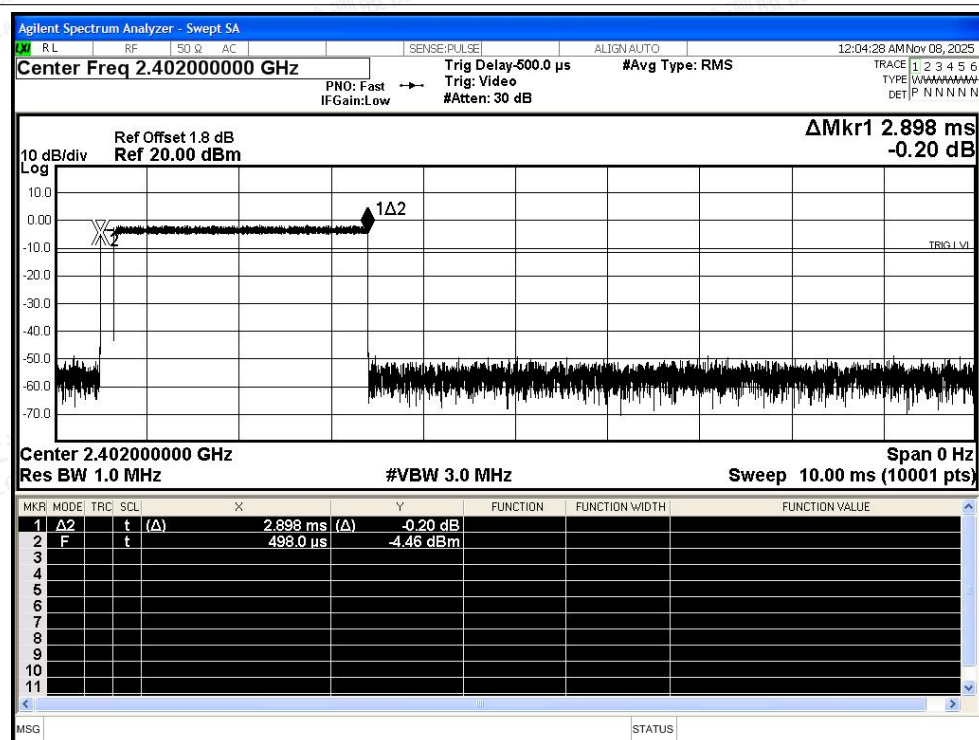
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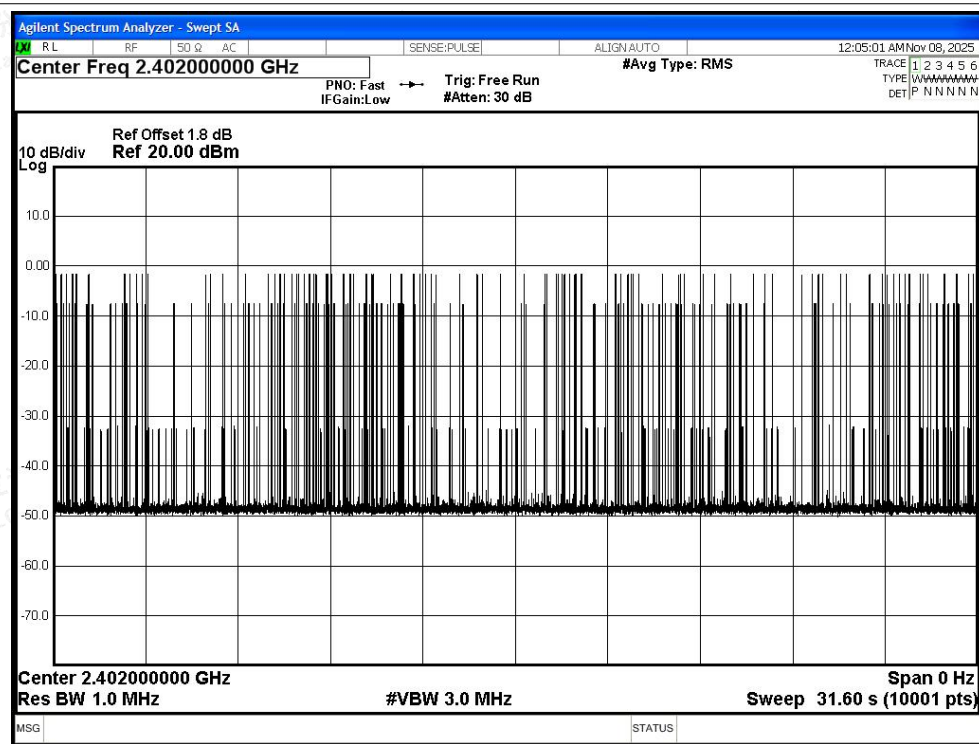
Scan code to check authenticity



Dwell NVNT 2-DH5 2402MHz Ant One Burst



Dwell NVNT 2-DH5 2402MHz Ant Accumulated



Shenzhen LCS Compliance Testing Laboratory Ltd.

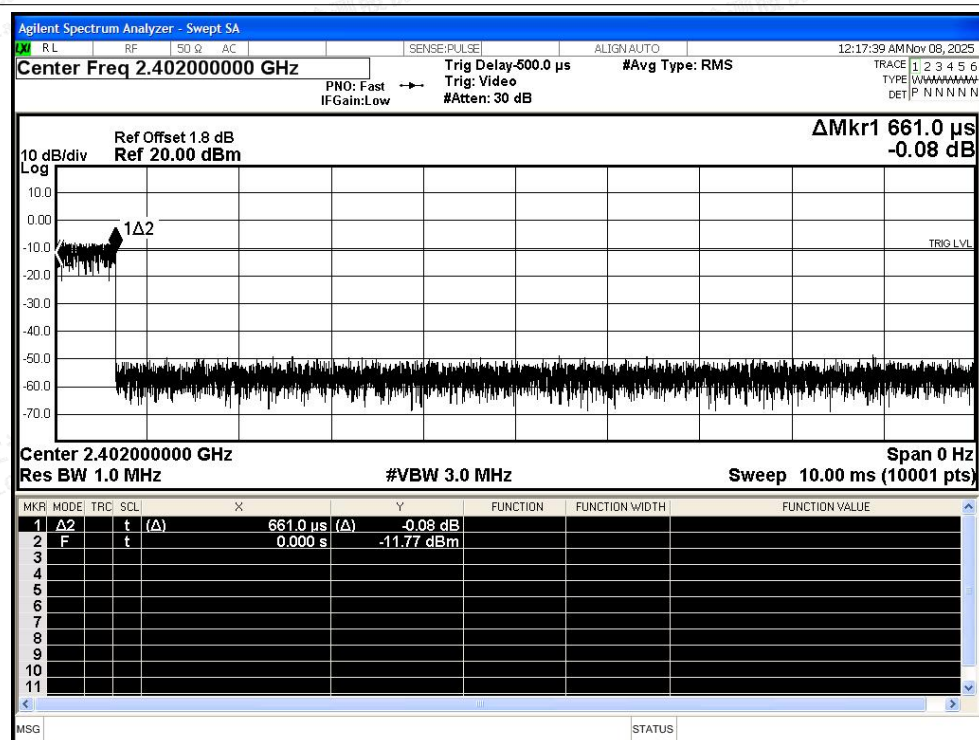
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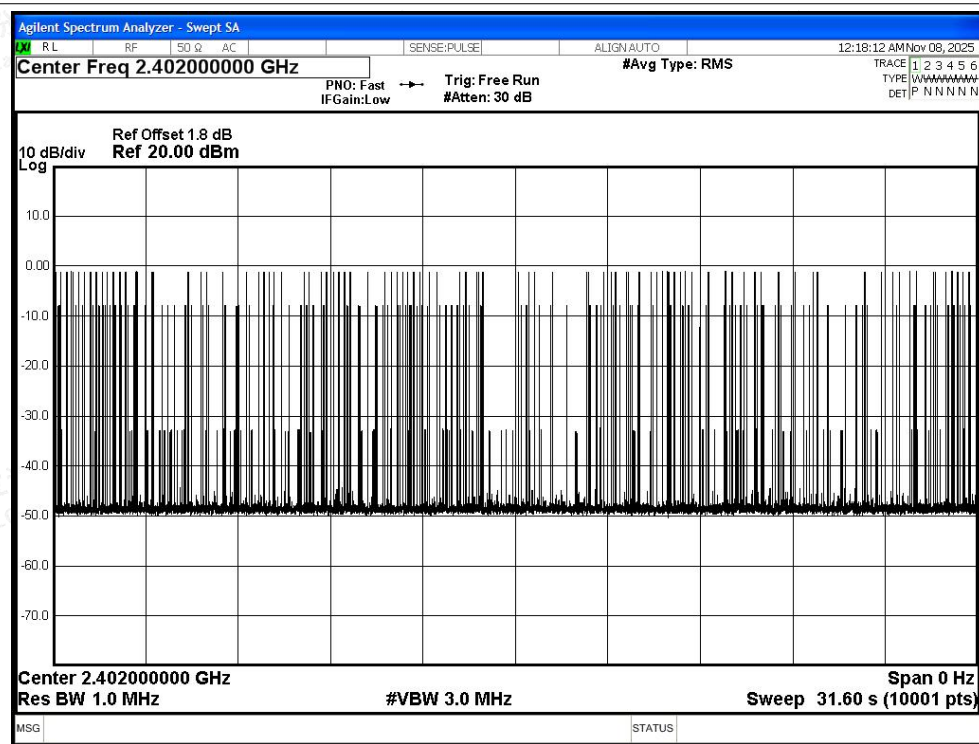
Scan code to check authenticity



Dwell NVNT 3-DH5 2402MHz Ant One Burst



Dwell NVNT 3-DH5 2402MHz Ant Accumulated



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A.5 Number of Hopping Channel

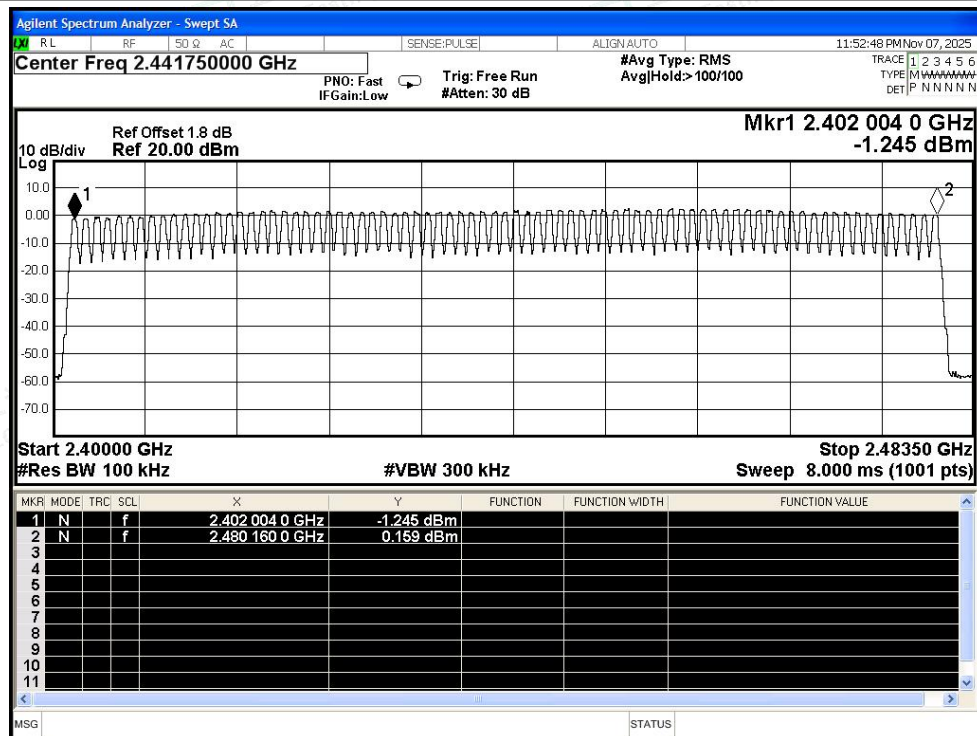
Condition	Mode	Antenna	Hopping Number	Limit	Verdict
NVNT	1-DH5	Ant	79	15	Pass
NVNT	2-DH5	Ant	79	15	Pass
NVNT	3-DH5	Ant	79	15	Pass



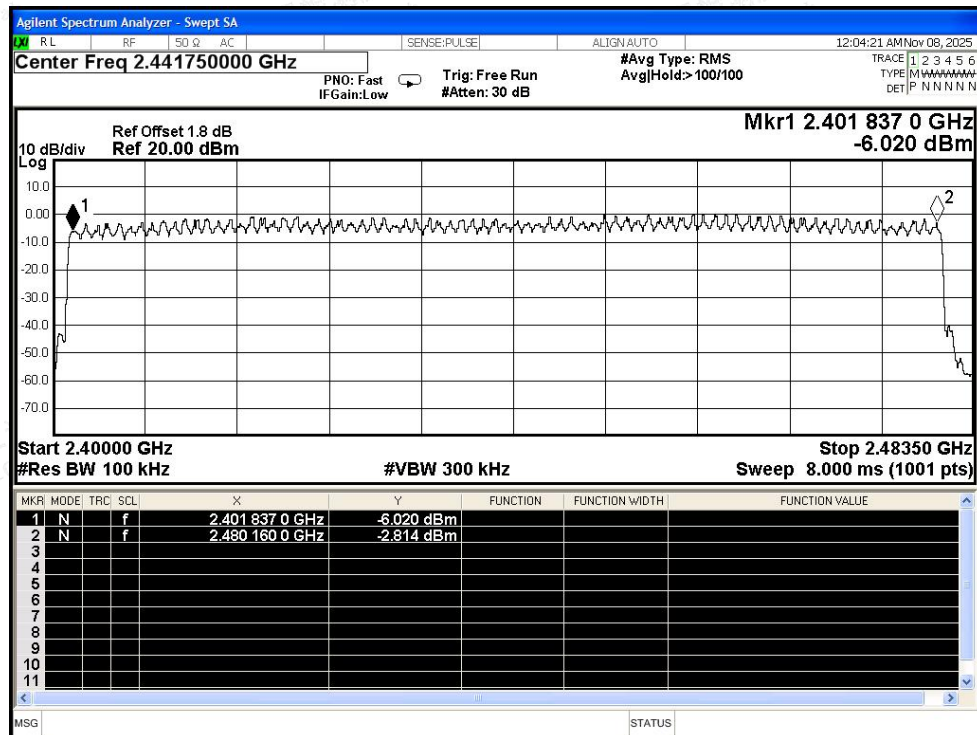


Test Graphs

Hopping No. NVNT 1-DH5 2402MHz Ant



Hopping No. NVNT 2-DH5 2402MHz Ant

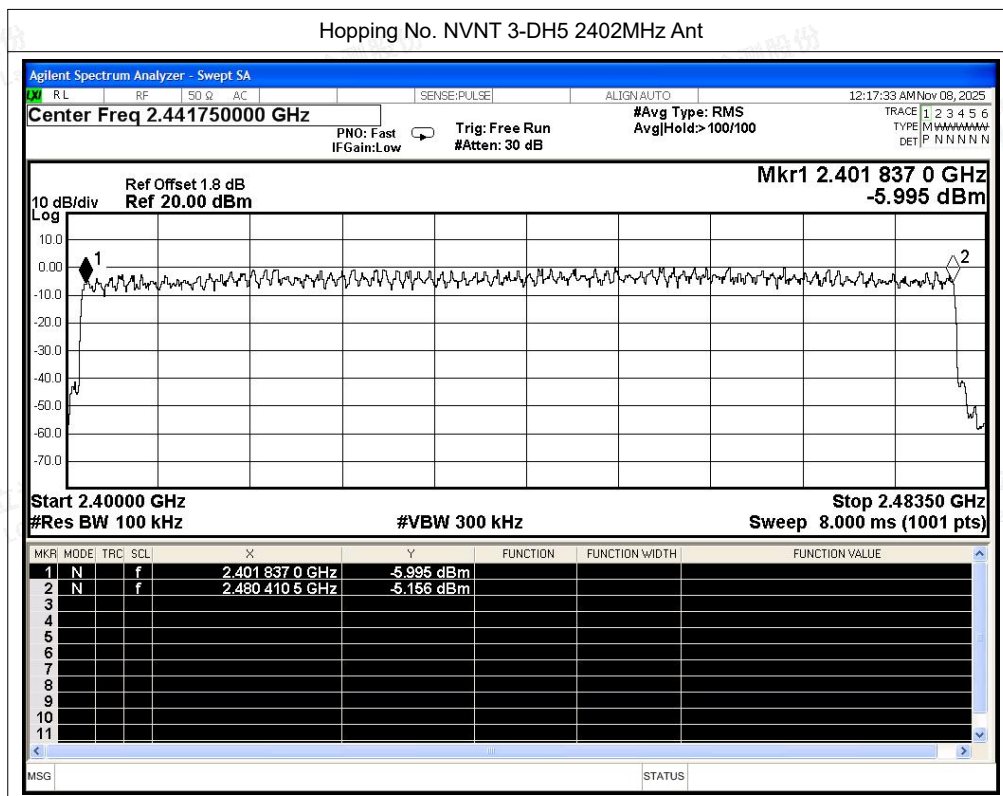


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A.6 Band Edge

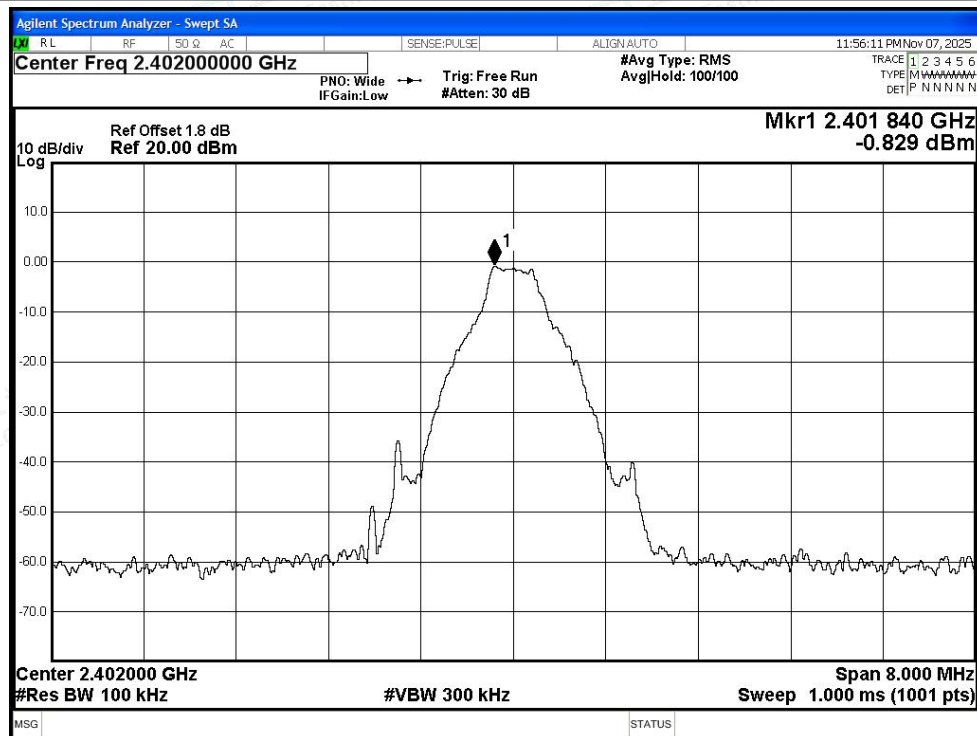
Condition	Mode	Frequency (MHz)	Antenna	Hopping Mode	Max Value (dBc)	Limit (dBc)	Verdict
NVNT	1-DH5	2402	Ant	No-Hopping	-56.55	-20	Pass
NVNT	1-DH5	2480	Ant	No-Hopping	-58.29	-20	Pass
NVNT	2-DH5	2402	Ant	No-Hopping	-51.7	-20	Pass
NVNT	2-DH5	2480	Ant	No-Hopping	-52.58	-20	Pass
NVNT	3-DH5	2402	Ant	No-Hopping	-51.91	-20	Pass
NVNT	3-DH5	2480	Ant	No-Hopping	-53.89	-20	Pass



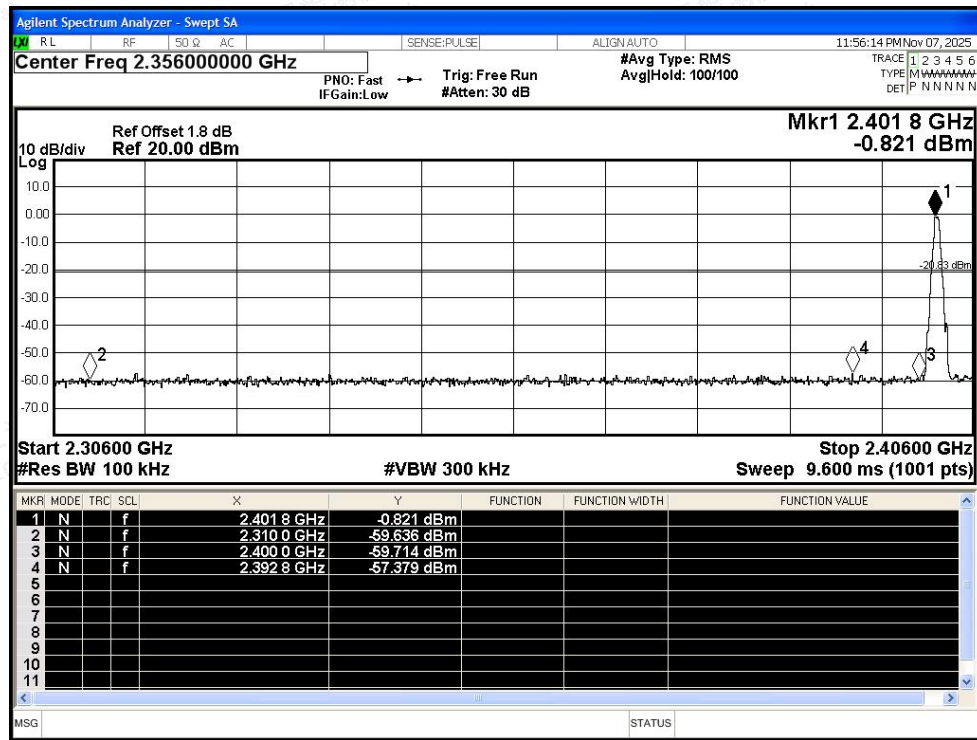


Test Graphs

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



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

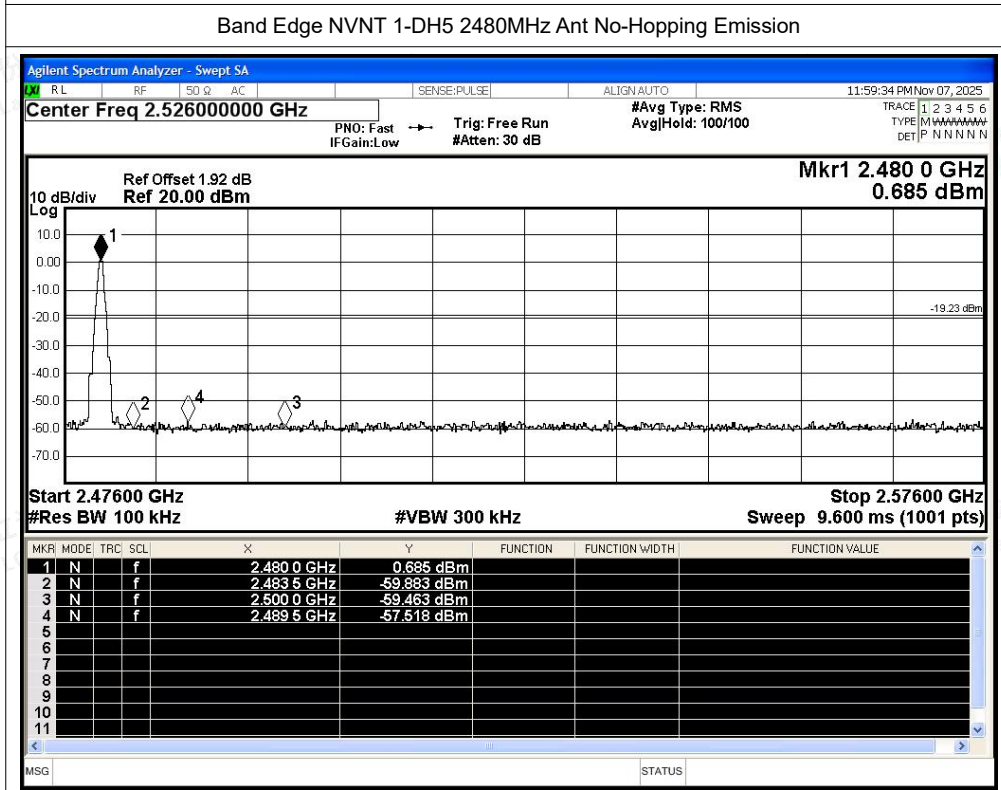
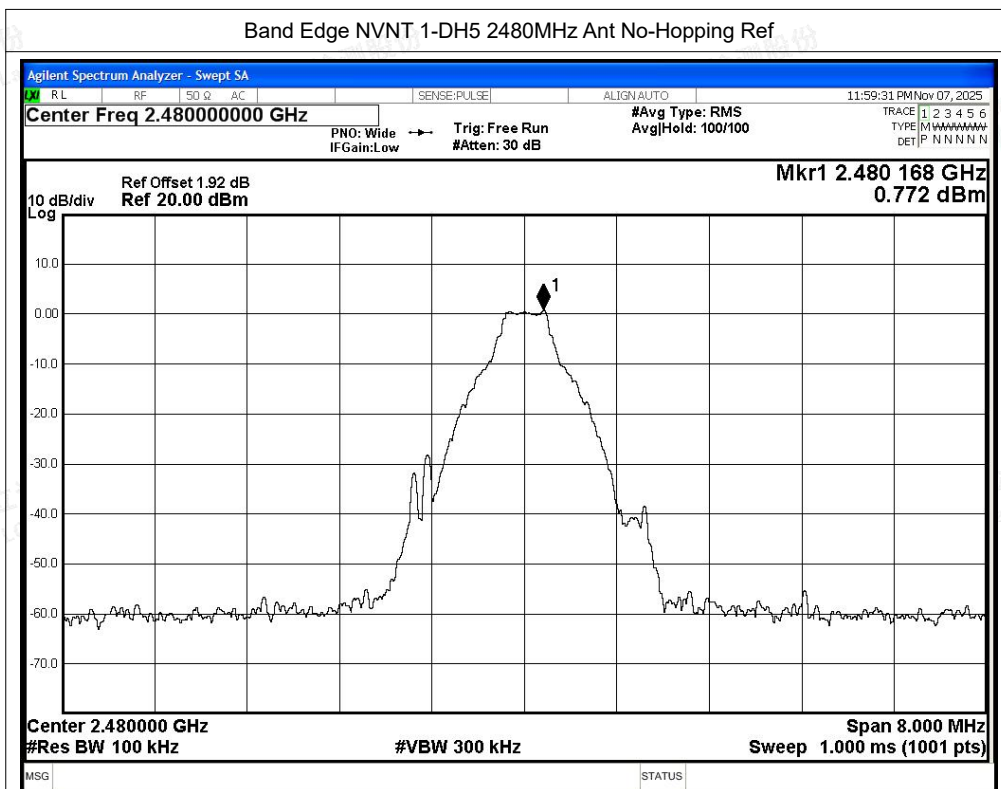


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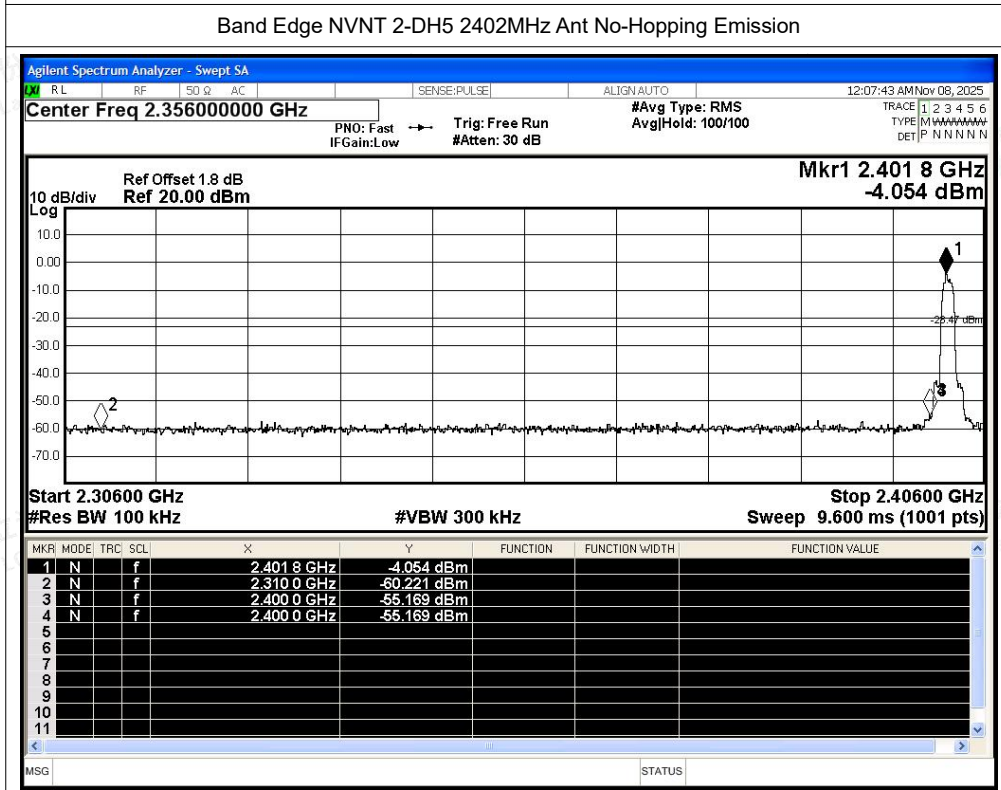
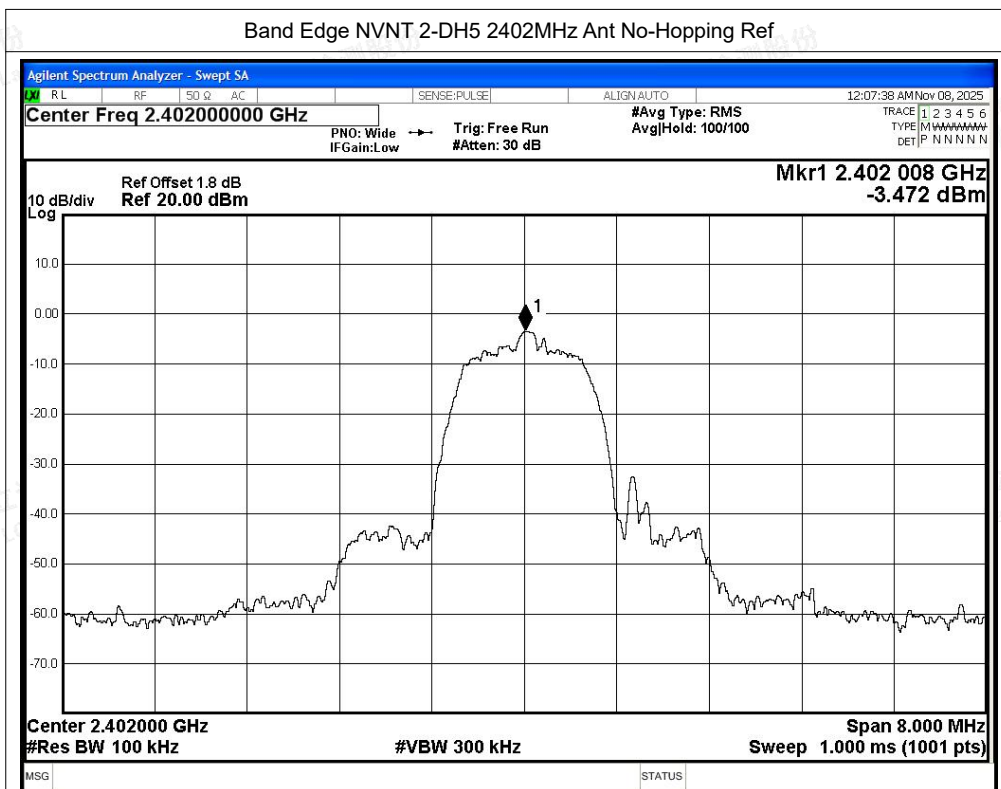


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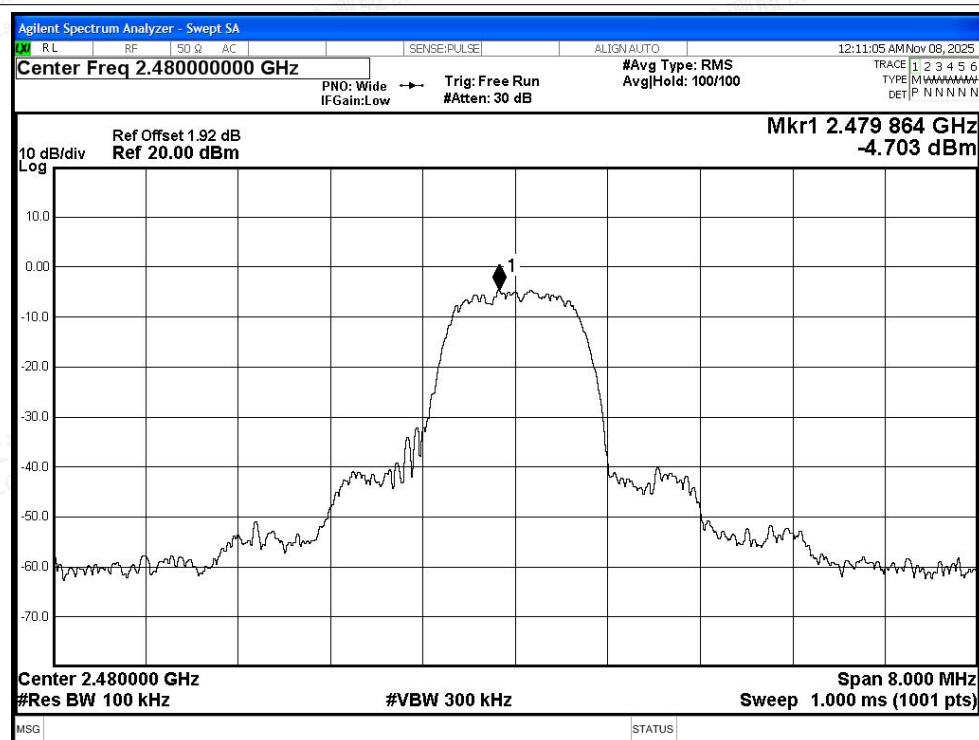
Add: 101, 201 Bldg A & 301 Bldg C, Juji Industrial Park Yabianxueziwei, Shajing Street, Baoan District, Shenzhen, 518000, China

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

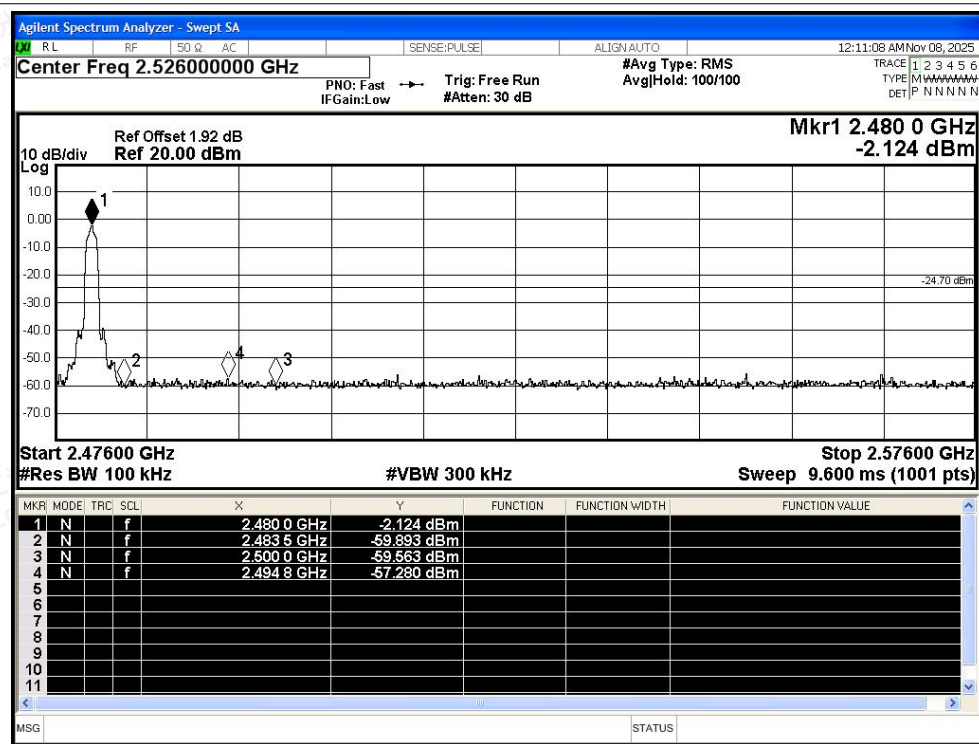
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Band Edge NVNT 2-DH5 2480MHz Ant No-Hopping Ref



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

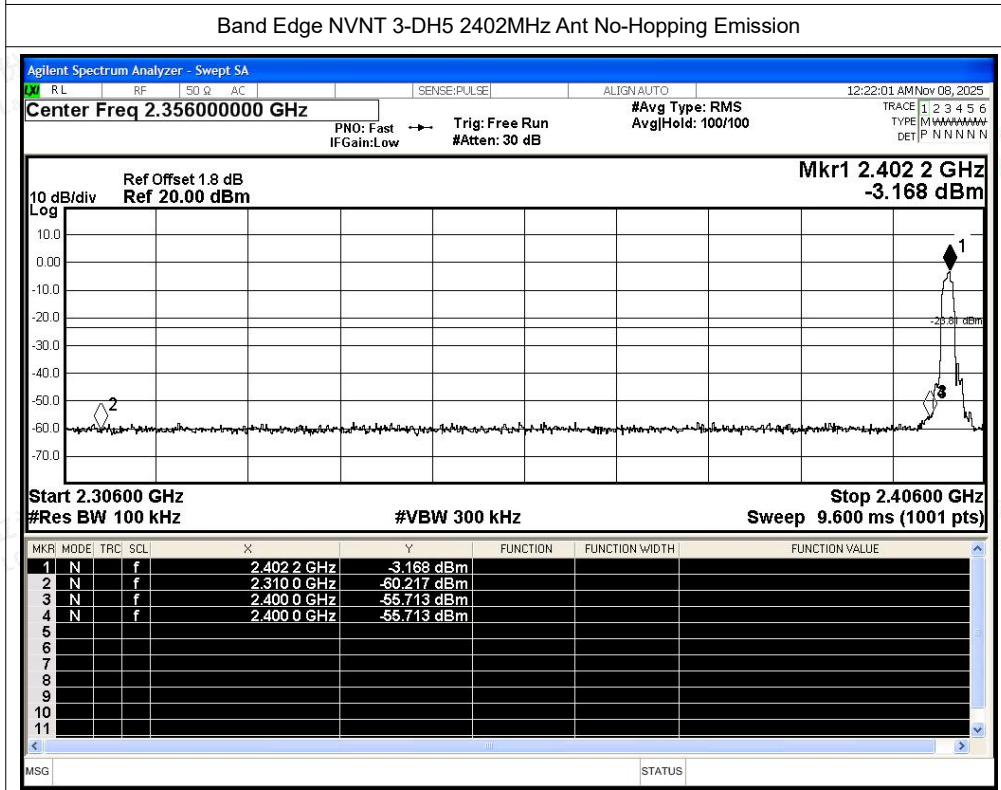
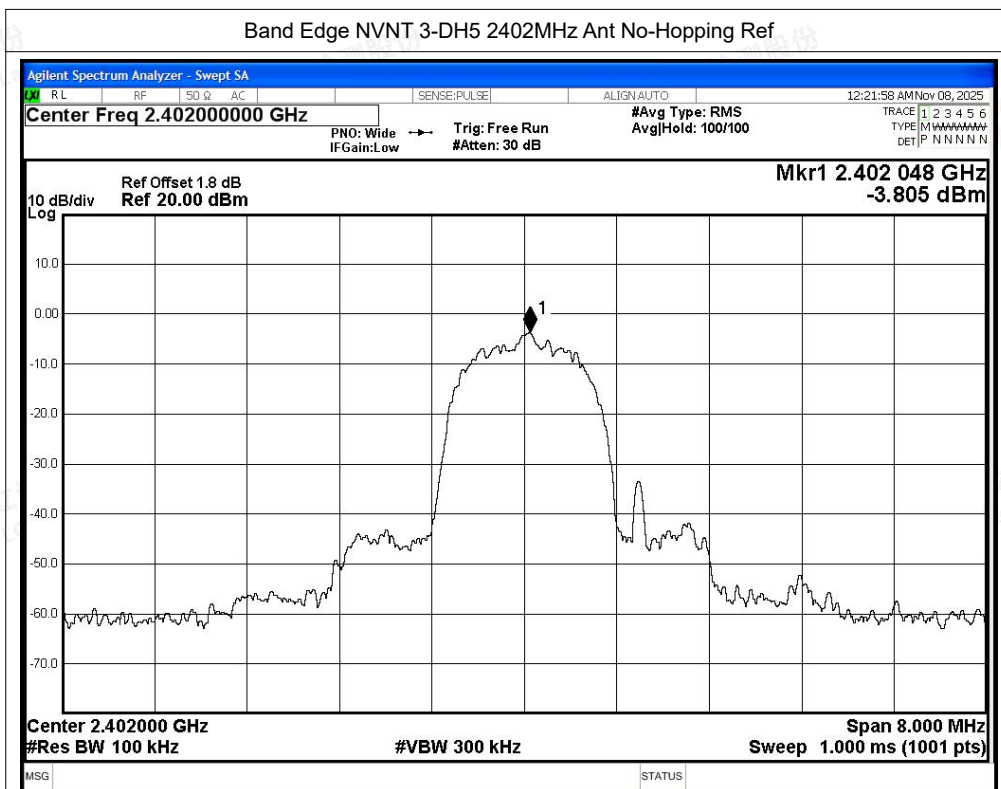


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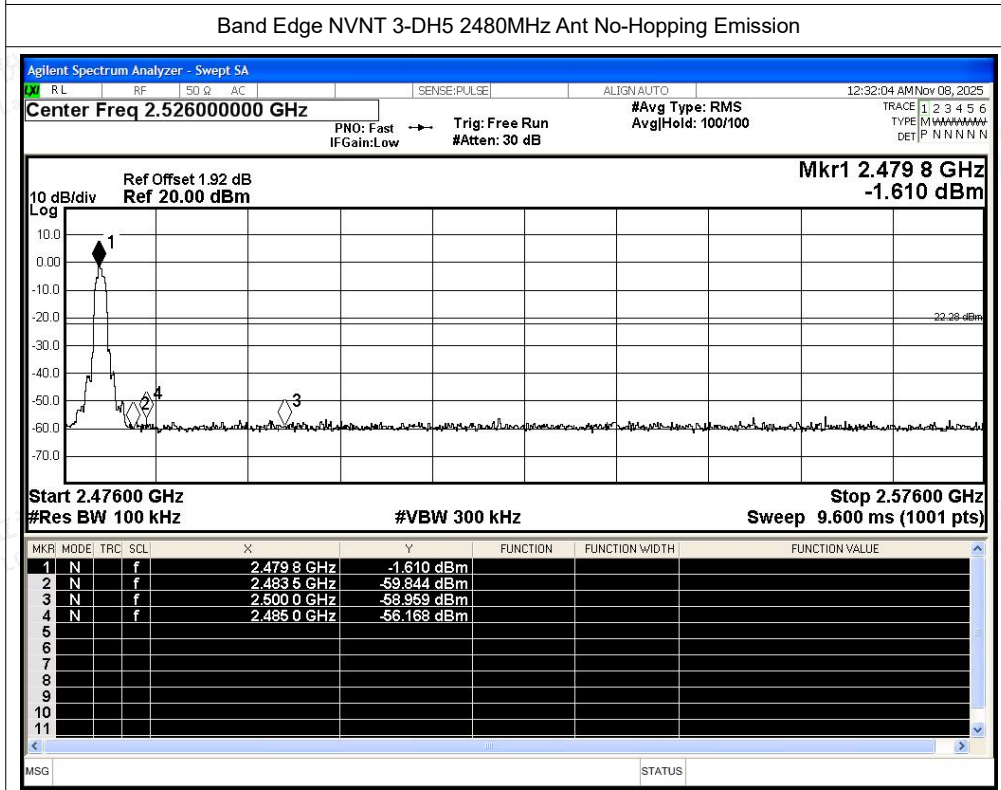
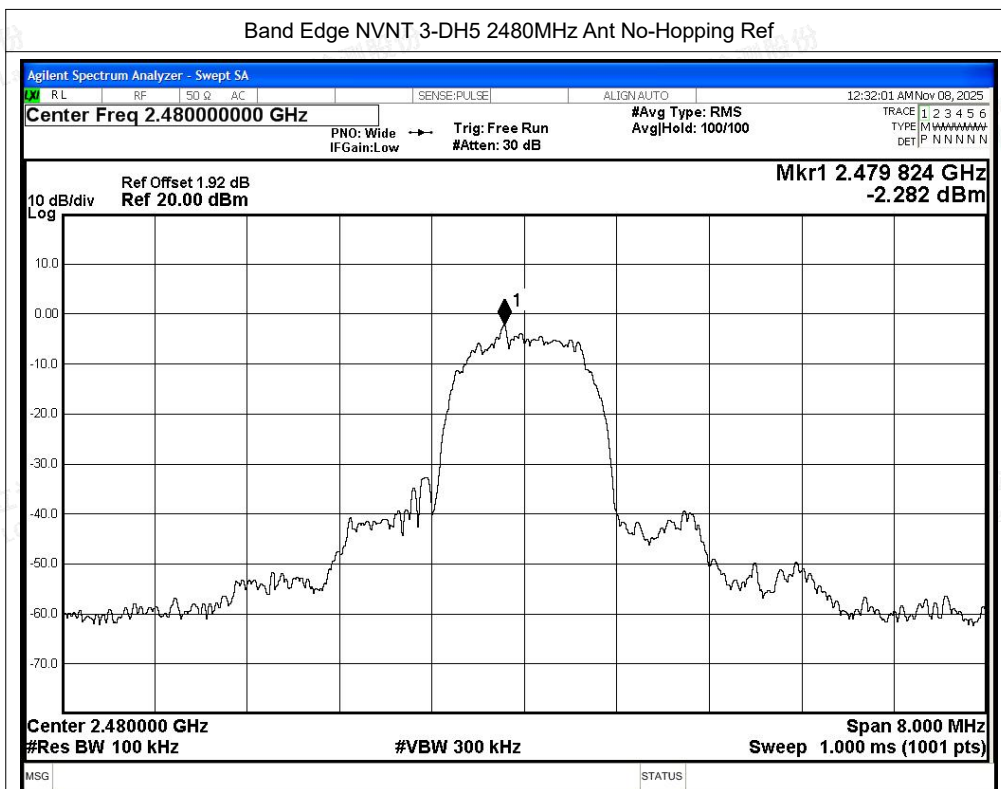


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(Hopping)

Condition	Mode	Frequency (MHz)	Antenna	Hopping Mode	Max Value (dBc)	Limit (dBc)	Verdict
NVNT	1-DH5	2402	Ant	Hopping	-55.52	-20	Pass
NVNT	1-DH5	2480	Ant	Hopping	-57.43	-20	Pass
NVNT	2-DH5	2402	Ant	Hopping	-52.15	-20	Pass
NVNT	2-DH5	2480	Ant	Hopping	-54.17	-20	Pass
NVNT	3-DH5	2402	Ant	Hopping	-52.99	-20	Pass
NVNT	3-DH5	2480	Ant	Hopping	-54.68	-20	Pass



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