



Appendix B

RF Test Data for BT LE (Conducted Measurement)

Product Name: TeamTablet Flex

Test Model: E-FLEX-TT-S01

Environmental Conditions

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





B.1 -6dB Bandwidth

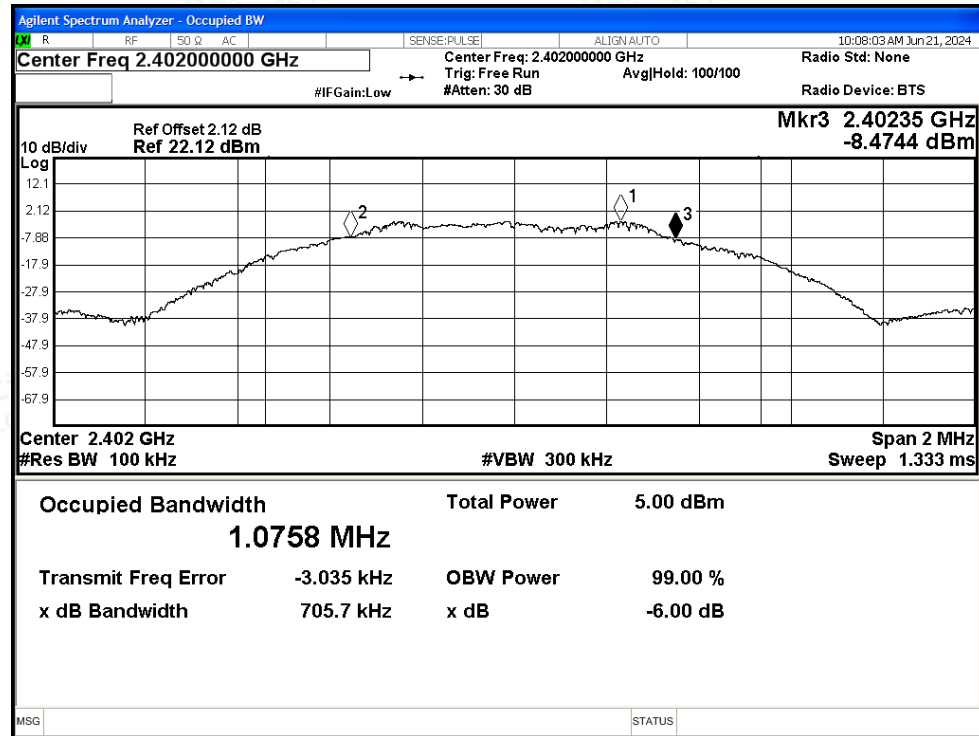
Condition	Mode	Frequency (MHz)	Antenna	-6 dB Bandwidth (MHz)	Limit -6 dB Bandwidth (MHz)	Verdict
NVNT	BLE 1M	2402	Ant0	0.706	≥ 0.5	Pass
NVNT	BLE 1M	2440	Ant0	0.702	≥ 0.5	Pass
NVNT	BLE 1M	2480	Ant0	0.707	≥ 0.5	Pass
NVNT	BLE 2M	2402	Ant0	1.158	≥ 0.5	Pass
NVNT	BLE 2M	2440	Ant0	1.149	≥ 0.5	Pass
NVNT	BLE 2M	2480	Ant0	1.134	≥ 0.5	Pass



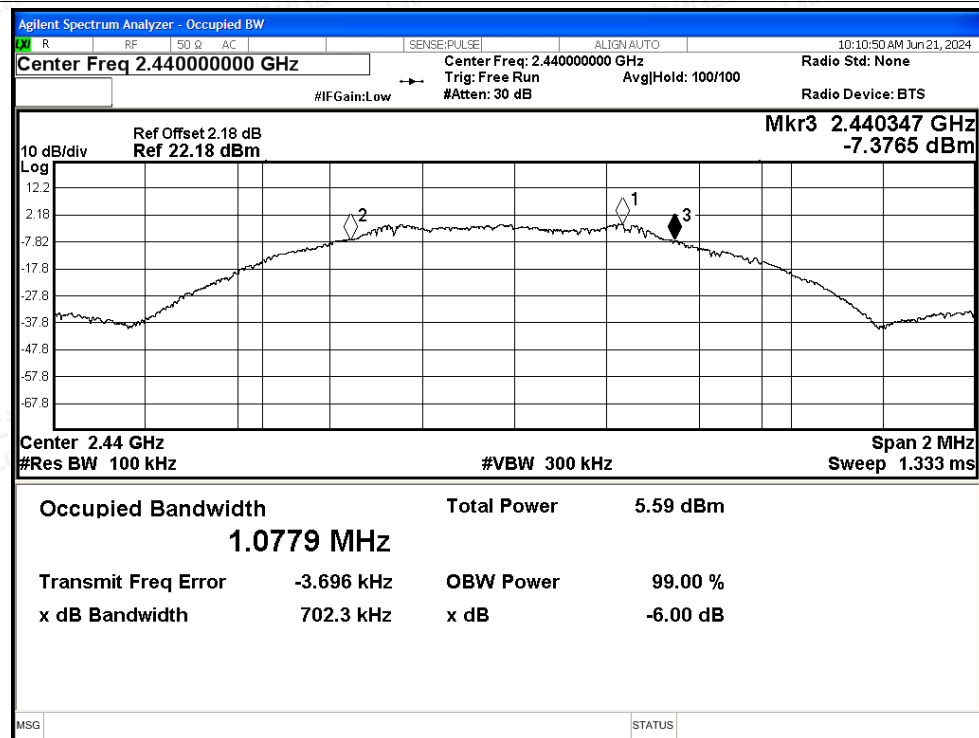


Test Graphs

-6dB Bandwidth NVNT BLE 1M 2402MHz Ant0



-6dB Bandwidth NVNT BLE 1M 2440MHz Ant0



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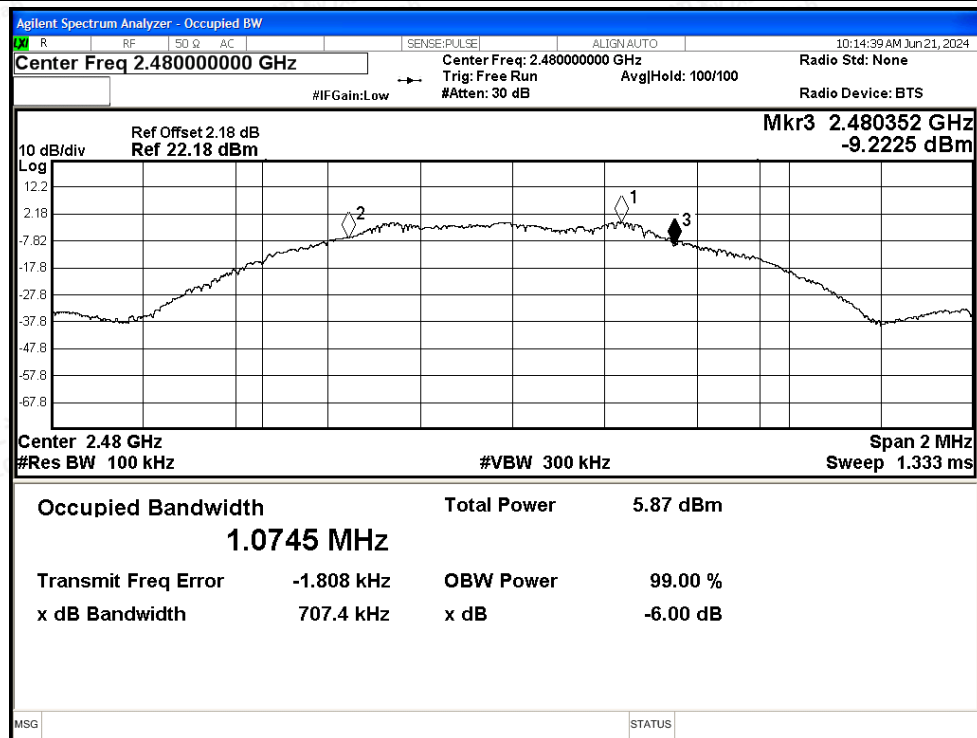
Add: 101, 201 Bldg A & 301 Bldg C, Juji Industrial Park Yabianxueziwei, Shajing Street, Baoan District, Shenzhen, 518000, China

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

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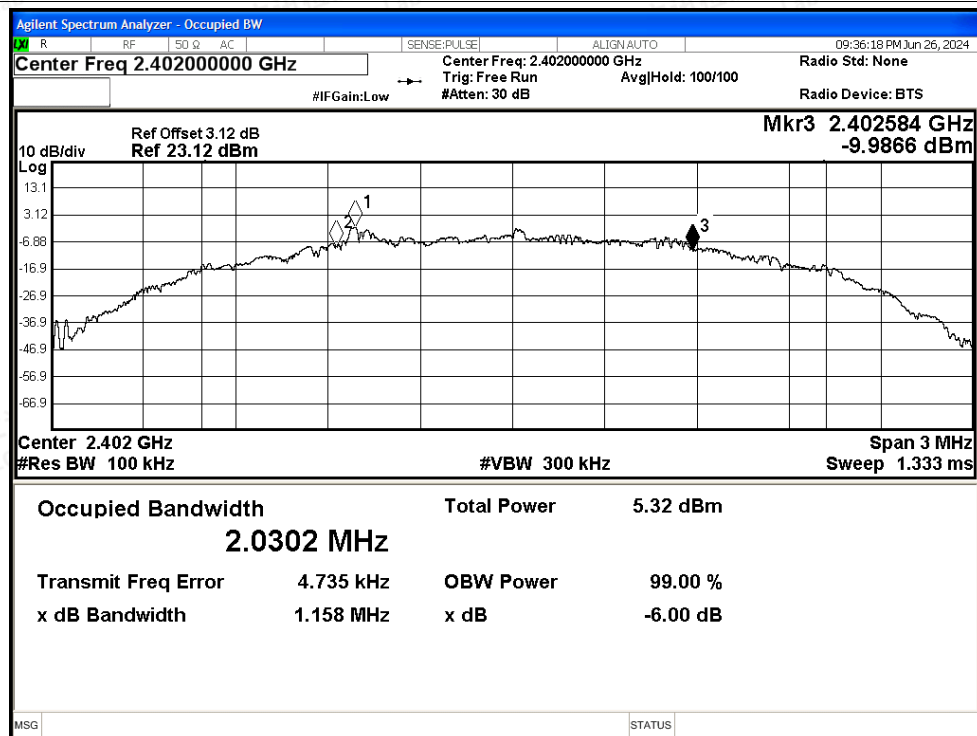


-6dB Bandwidth NVNT BLE 1M 2480MHz Ant0



Test Graphs

-6dB Bandwidth NVNT BLE 2M 2402MHz Ant0



-6dB Bandwidth NVNT BLE 2M 2440MHz Ant0

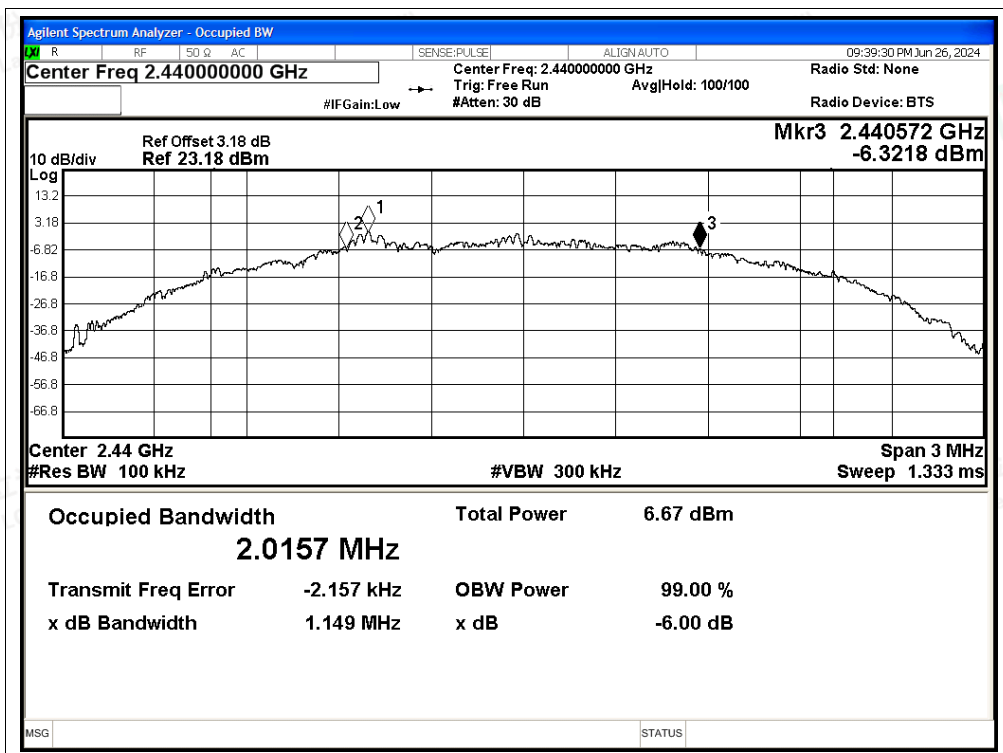


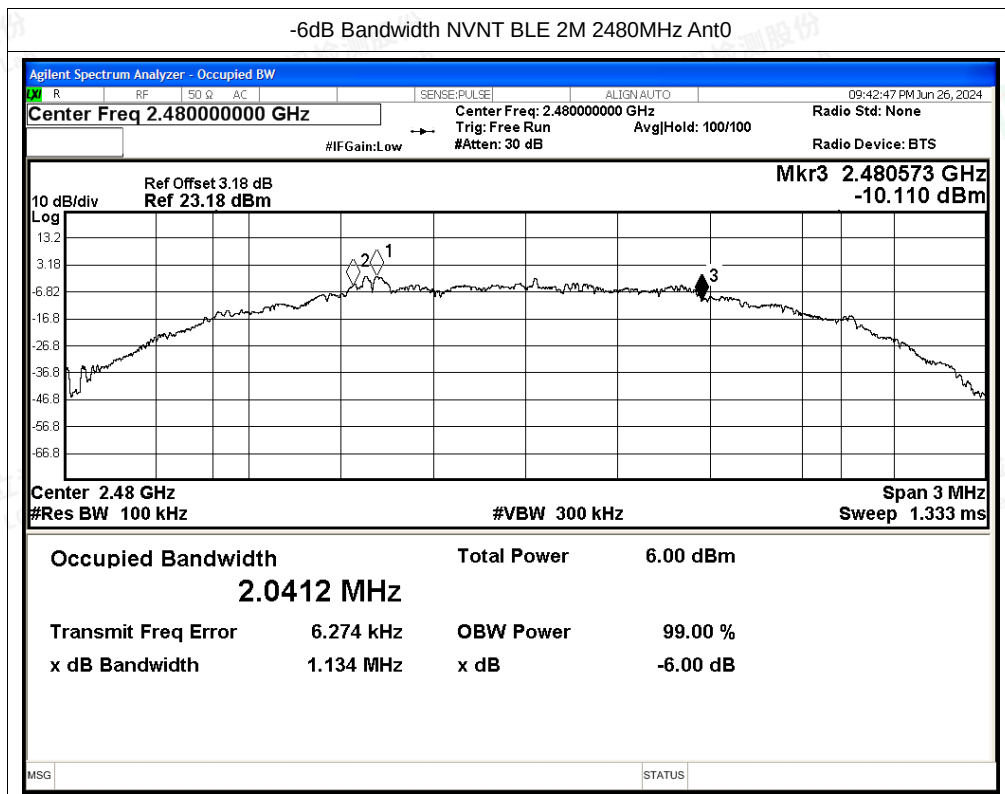
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B.2 Maximum Conducted Output Power

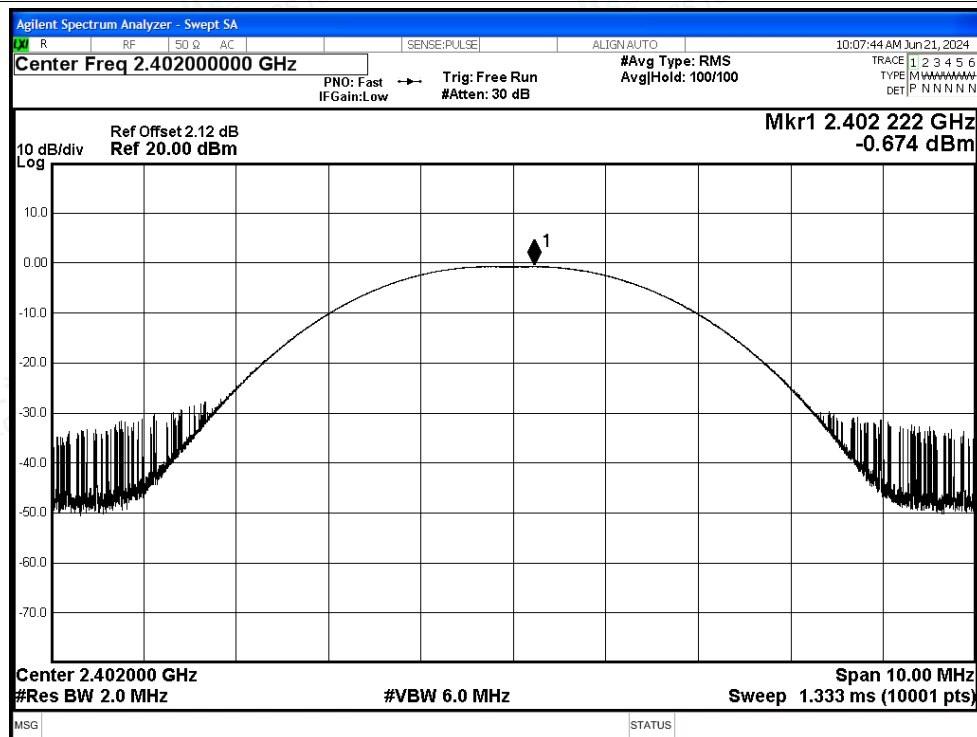
Condition	Mode	Frequency (MHz)	Antenna	Conducted Power (dBm)	Limit (dBm)	Verdict
NVNT	BLE 1M	2402	Ant0	-0.67	30	Pass
NVNT	BLE 1M	2440	Ant0	-0.14	30	Pass
NVNT	BLE 1M	2480	Ant0	0.16	30	Pass
NVNT	BLE 2M	2402	Ant0	-1.16	30	Pass
NVNT	BLE 2M	2440	Ant0	0.92	30	Pass
NVNT	BLE 2M	2480	Ant0	-0.24	30	Pass



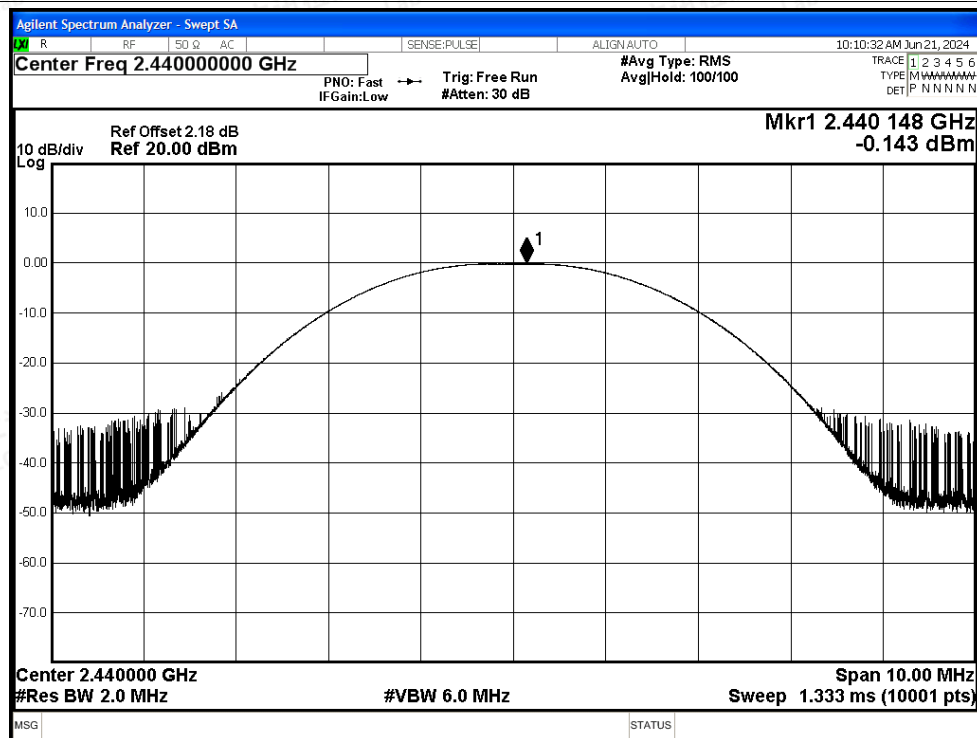


Test Graphs

Power NVNT BLE 1M 2402MHz Ant0



Power NVNT BLE 1M 2440MHz Ant0

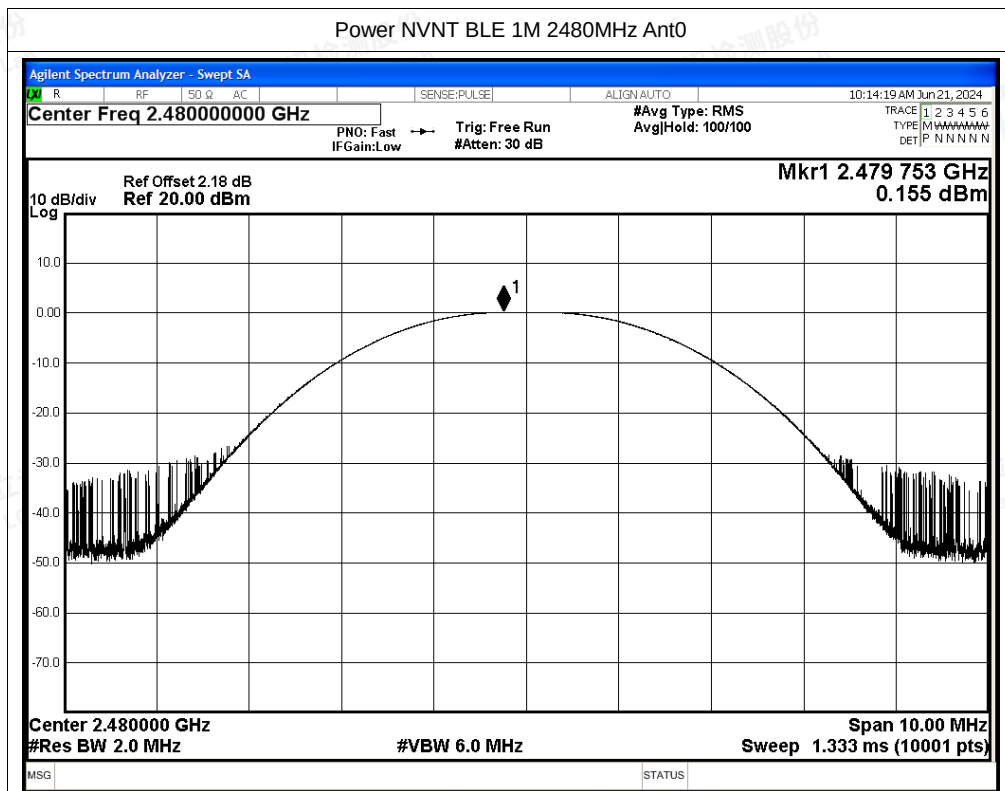


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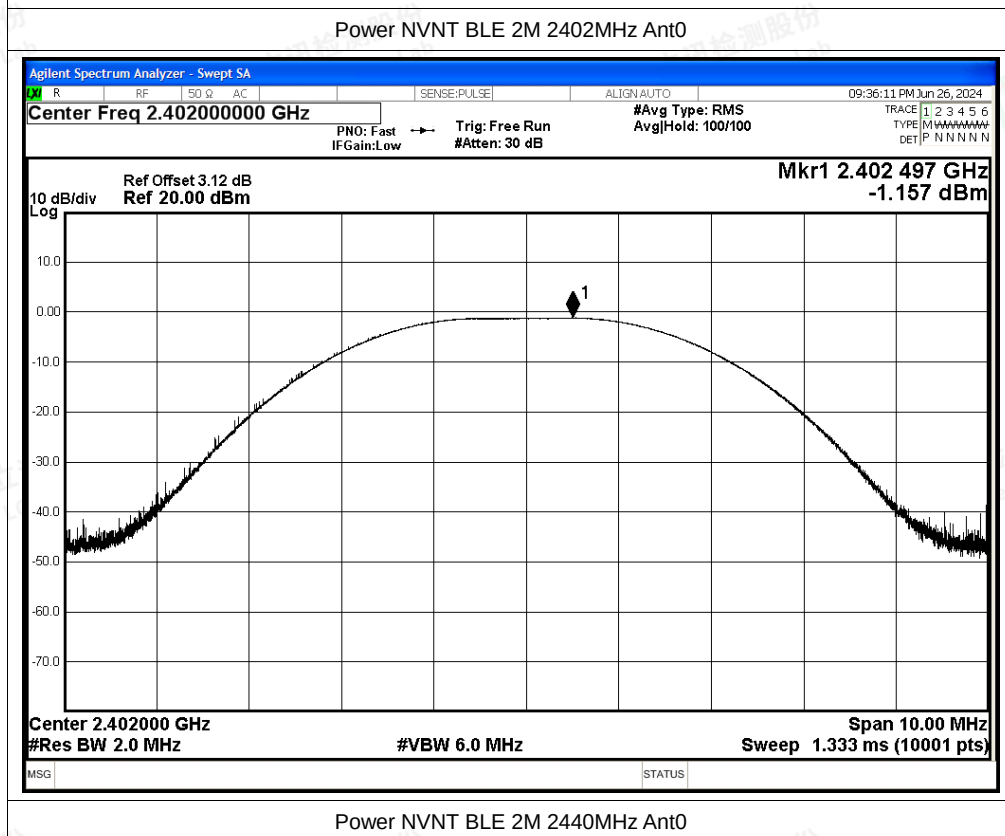
Add: 101, 201 Bldg A & 301 Bldg C, Juji Industrial Park Yabianxueziwei, Shajing Street, Baoan District, Shenzhen, 518000, China

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Test Graphs



Power NVNT BLE 2M 2440MHz Ant0

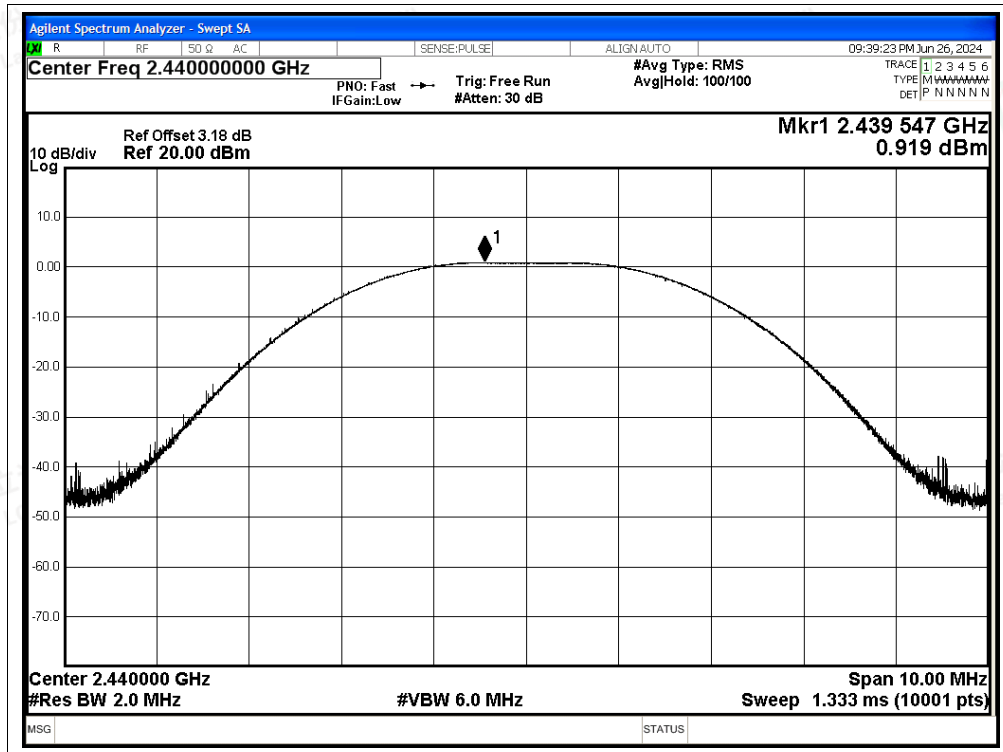


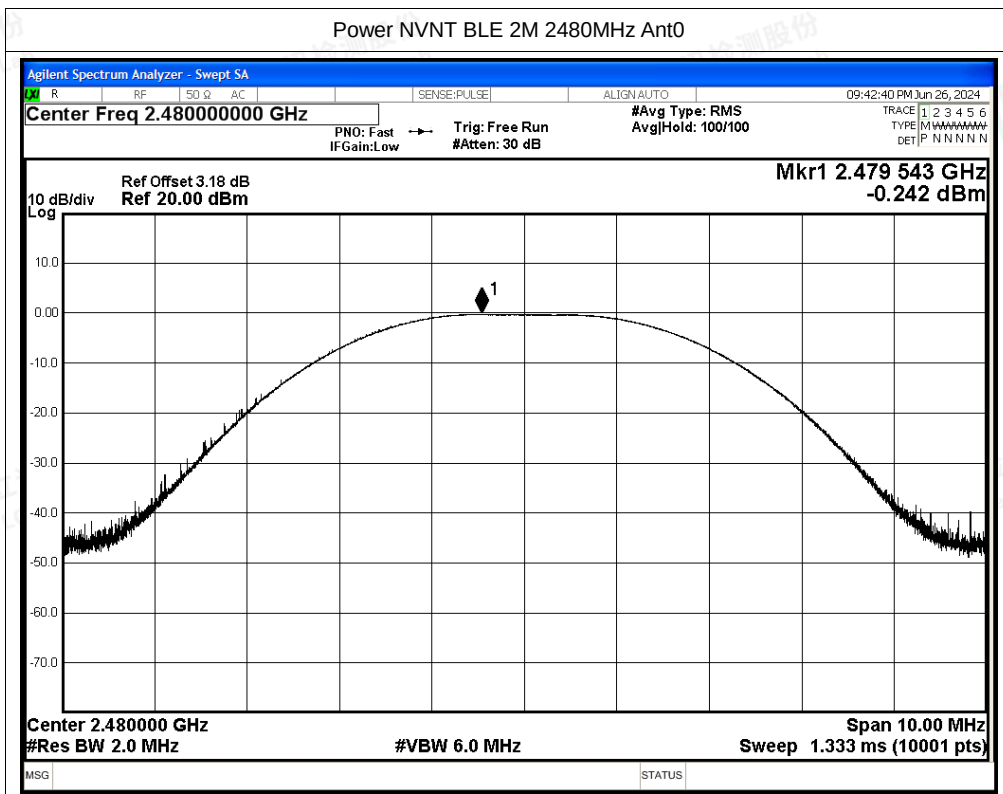
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B.3 Maximum Power Spectral Density Level

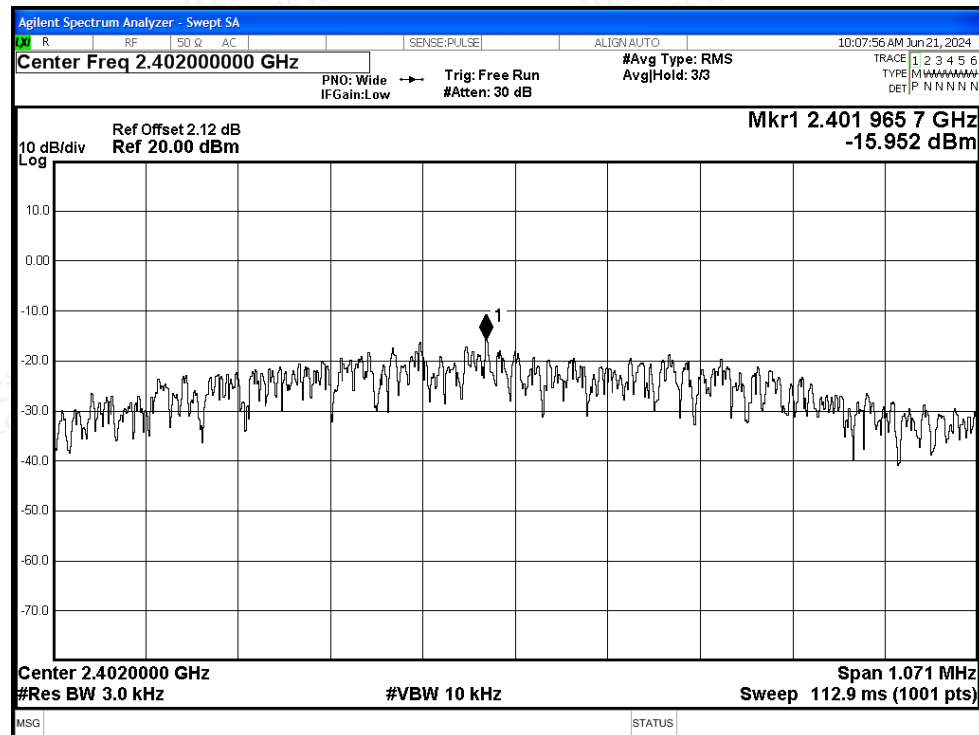
Condition	Mode	Frequency (MHz)	Antenna	Conducted PSD (dBm/3kHz)	Limit (dBm/3kHz)	Verdict
NVNT	BLE 1M	2402	Ant0	-15.95	8	Pass
NVNT	BLE 1M	2440	Ant0	-15.4	8	Pass
NVNT	BLE 1M	2480	Ant0	-15.07	8	Pass
NVNT	BLE 2M	2402	Ant0	-20.9	8	Pass
NVNT	BLE 2M	2440	Ant0	-19.31	8	Pass
NVNT	BLE 2M	2480	Ant0	-19.84	8	Pass



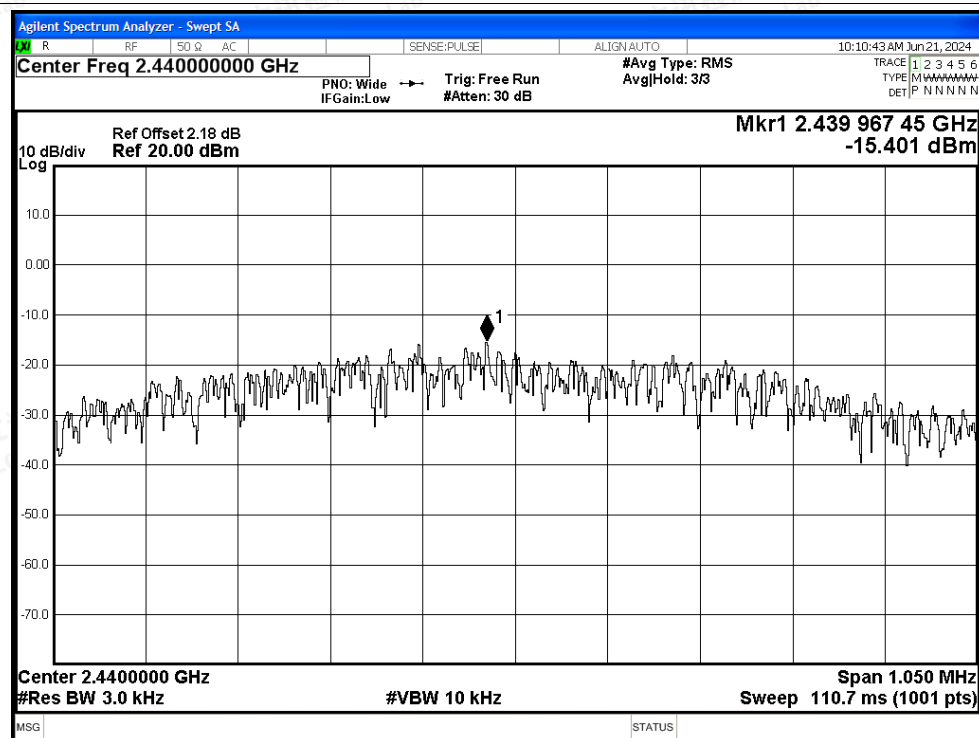


Test Graphs

PSD NVNT BLE 1M 2402MHz Ant0



PSD NVNT BLE 1M 2440MHz Ant0



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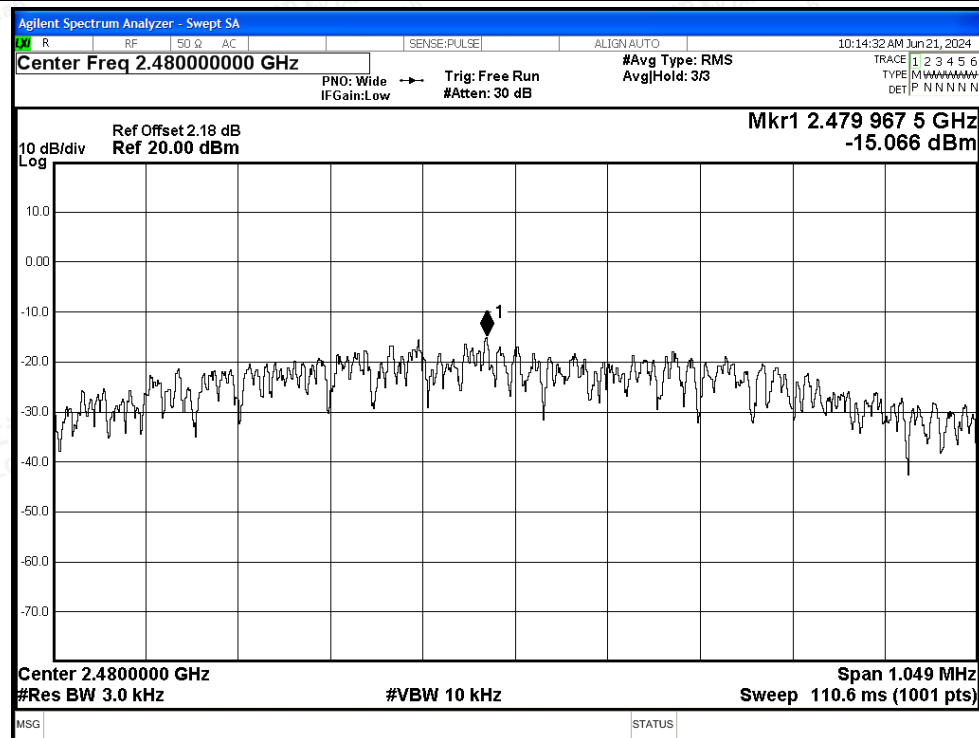
Add: 101, 201 Bldg A & 301 Bldg C, Juji Industrial Park Yabianxueziwei, Shajing Street, Baoan District, Shenzhen, 518000, China

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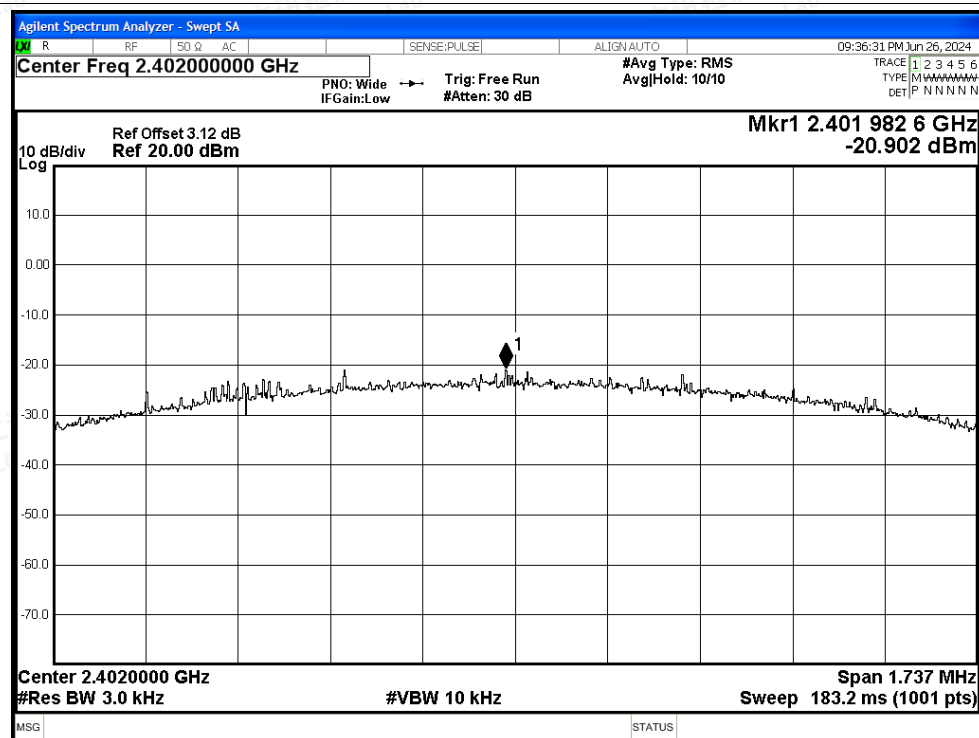


PSD NVNT BLE 1M 2480MHz Ant0



Test Graphs

PSD NVNT BLE 2M 2402MHz Ant0



PSD NVNT BLE 2M 2440MHz Ant0

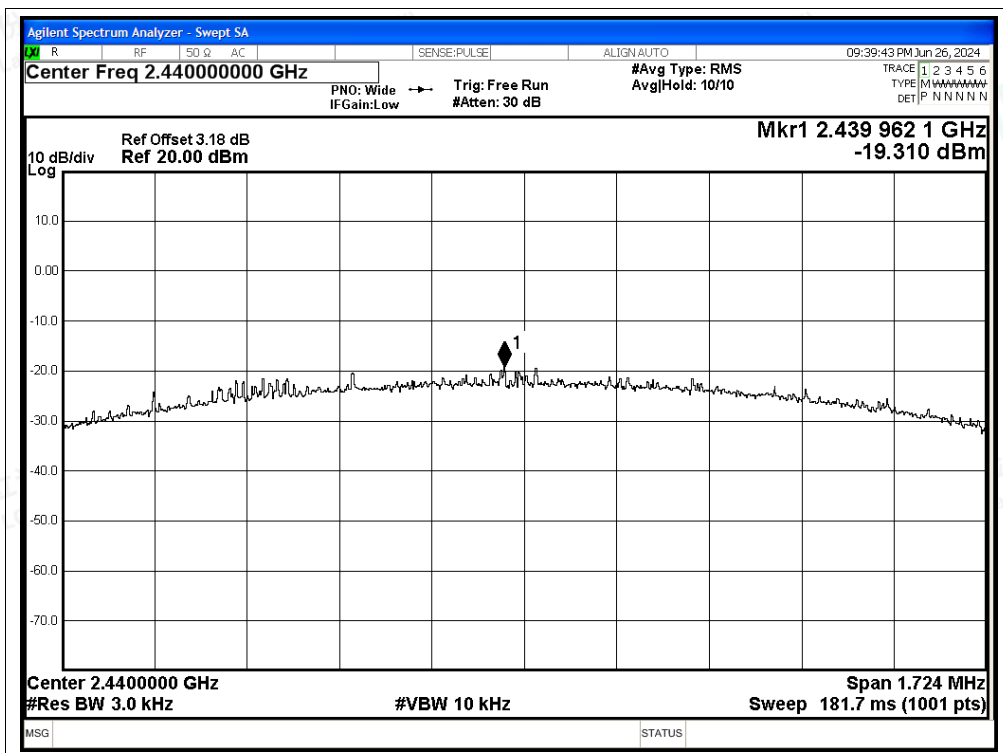


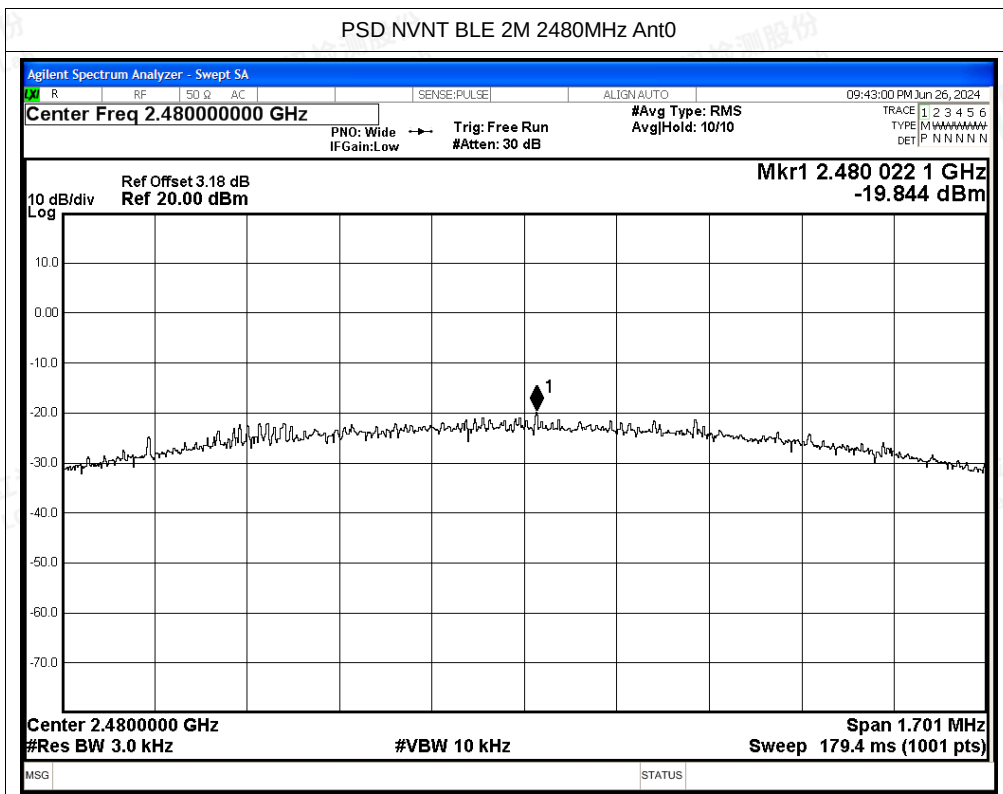
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B.4 Band Edge

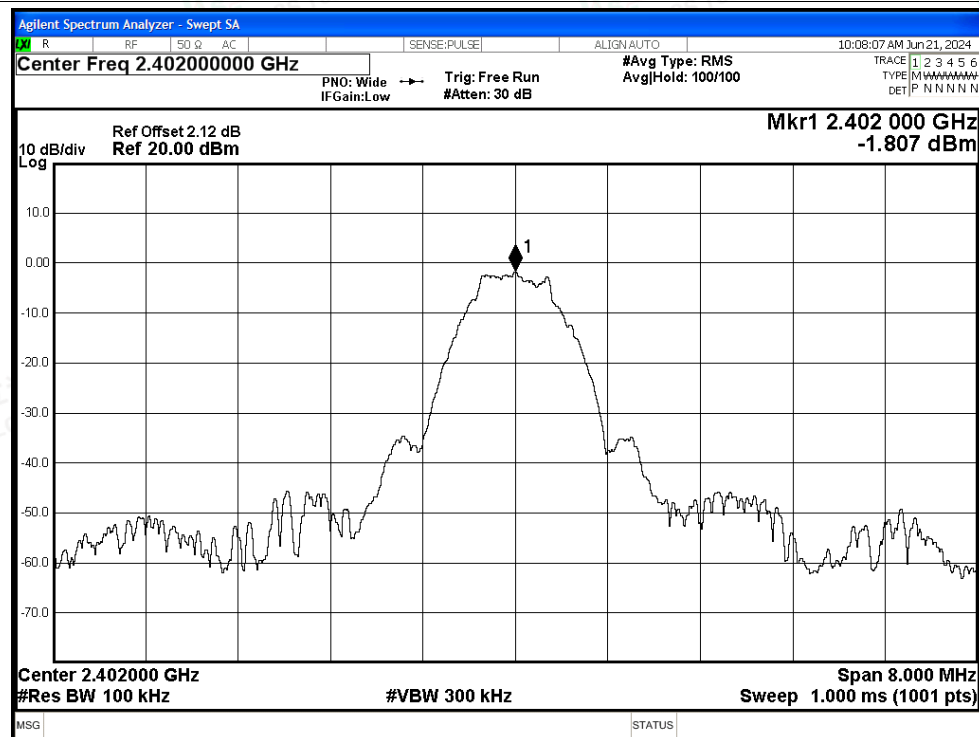
Condition	Mode	Frequency (MHz)	Antenna	Max Value (dBc)	Limit (dBc)	Verdict
NVNT	BLE 1M	2402	Ant0	-45.41	-20	Pass
NVNT	BLE 1M	2480	Ant0	-50.41	-20	Pass
NVNT	BLE 2M	2402	Ant0	-44.72	-20	Pass
NVNT	BLE 2M	2480	Ant0	-54.38	-20	Pass



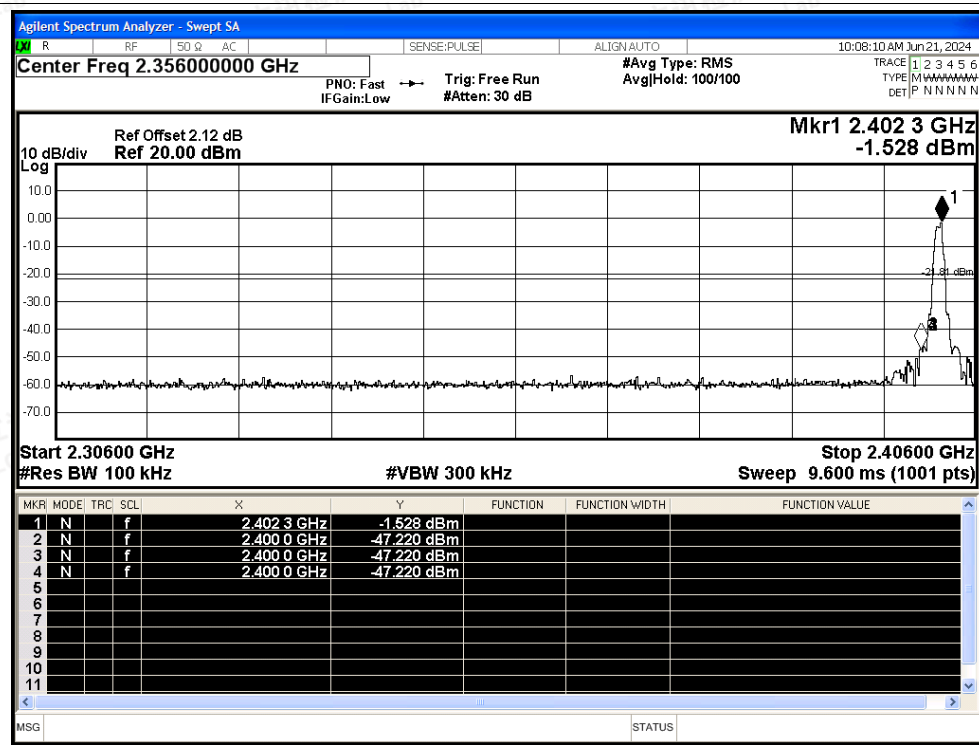


Test Graphs

Band Edge NVNT BLE 1M 2402MHz Ant0 Ref



Band Edge NVNT BLE 1M 2402MHz Ant0 Emission



Shenzhen LCS Compliance Testing Laboratory Ltd.

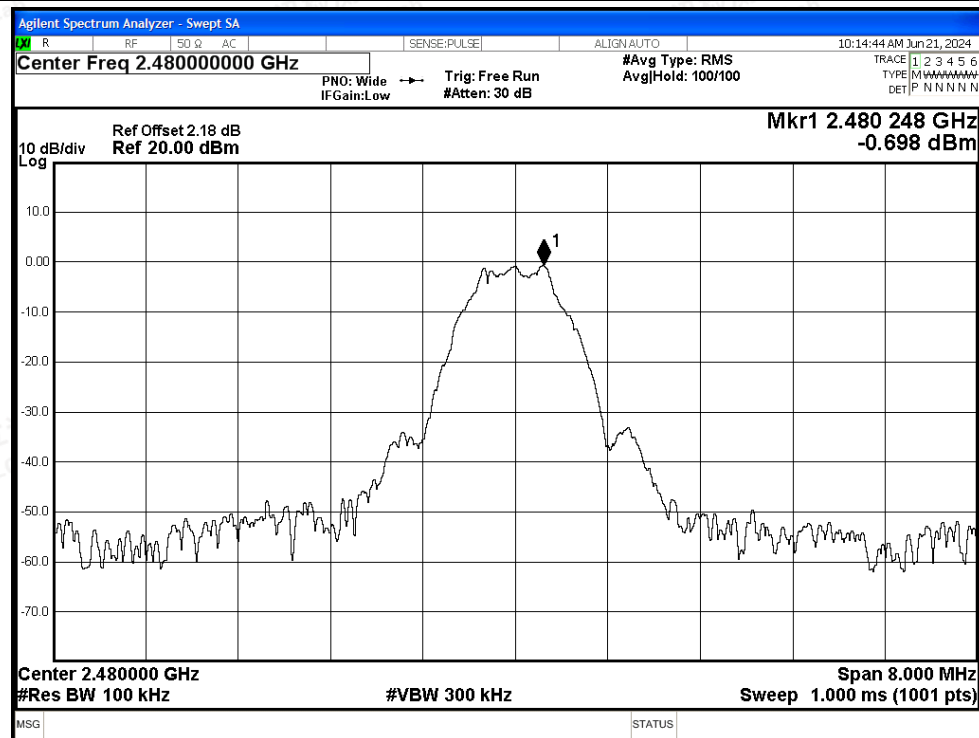
Add: 101, 201 Bldg A & 301 Bldg C, Juji Industrial Park Yabianxueziwei, Shajing Street, Baoan District, Shenzhen, 518000, China

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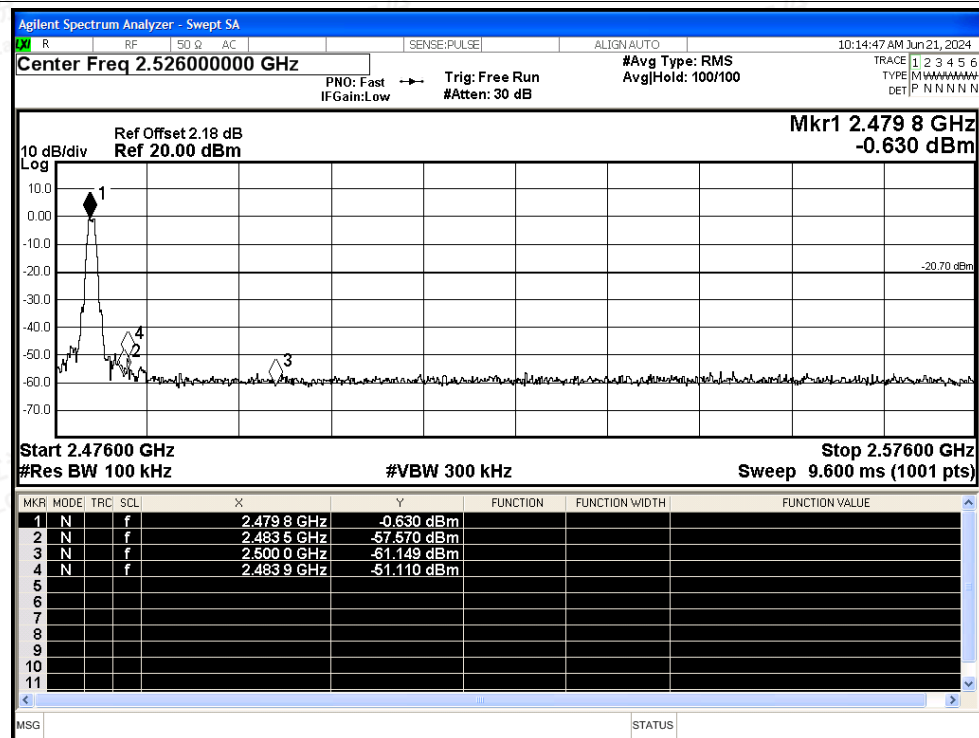
Scan code to check authenticity



Band Edge NVNT BLE 1M 2480MHz Ant0 Ref



Band Edge NVNT BLE 1M 2480MHz Ant0 Emission



Test Graphs

Band Edge NVNT BLE 2M 2402MHz Ant0 Ref

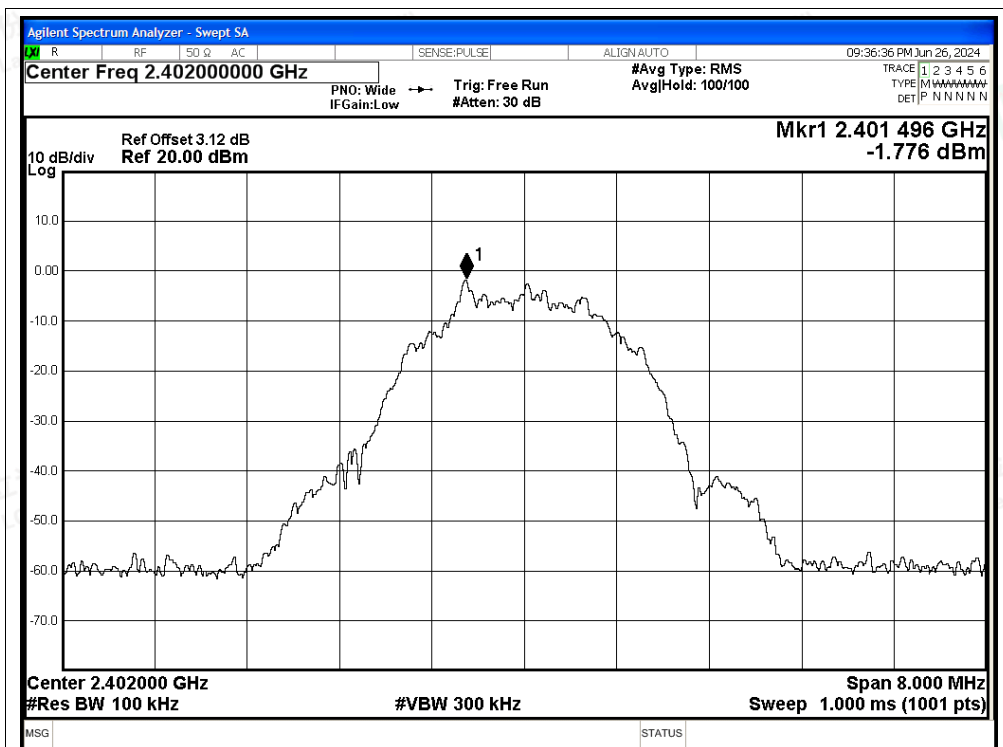


Shenzhen LCS Compliance Testing Laboratory Ltd.

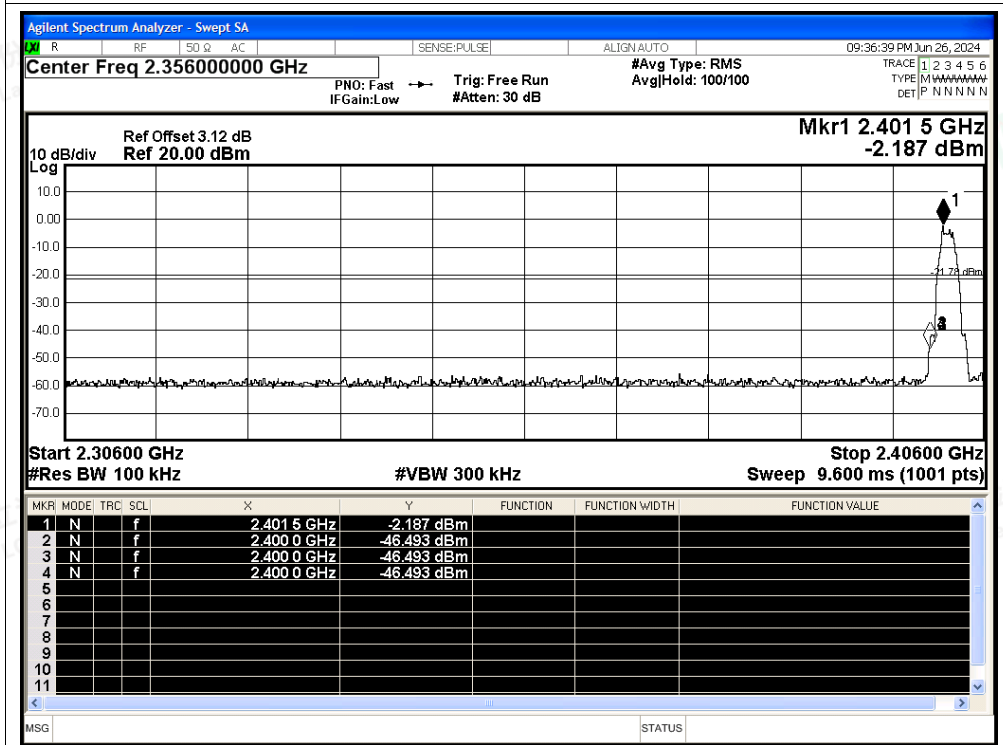
Add: 101, 201 Bldg A & 301 Bldg C, Juji Industrial Park Yabianxueziwei, Shajing Street, Baoan District, Shenzhen, 518000, China

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Band Edge NVNT BLE 2M 2402MHz Ant0 Emission

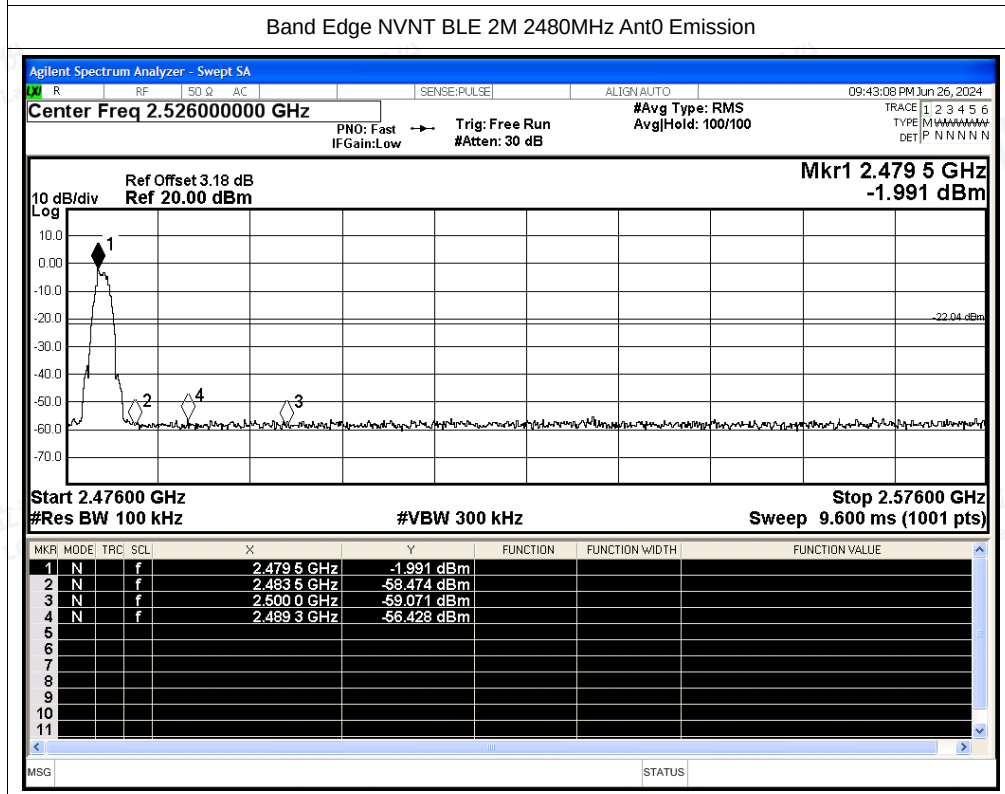
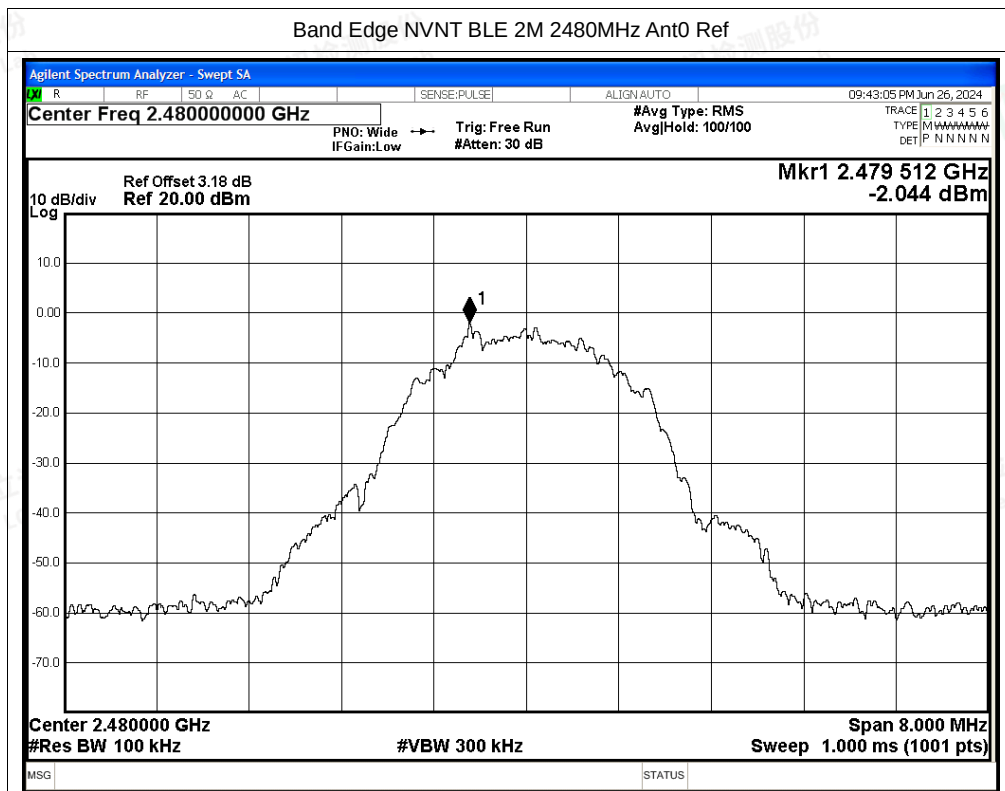


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B.5 Conducted RF Spurious Emission

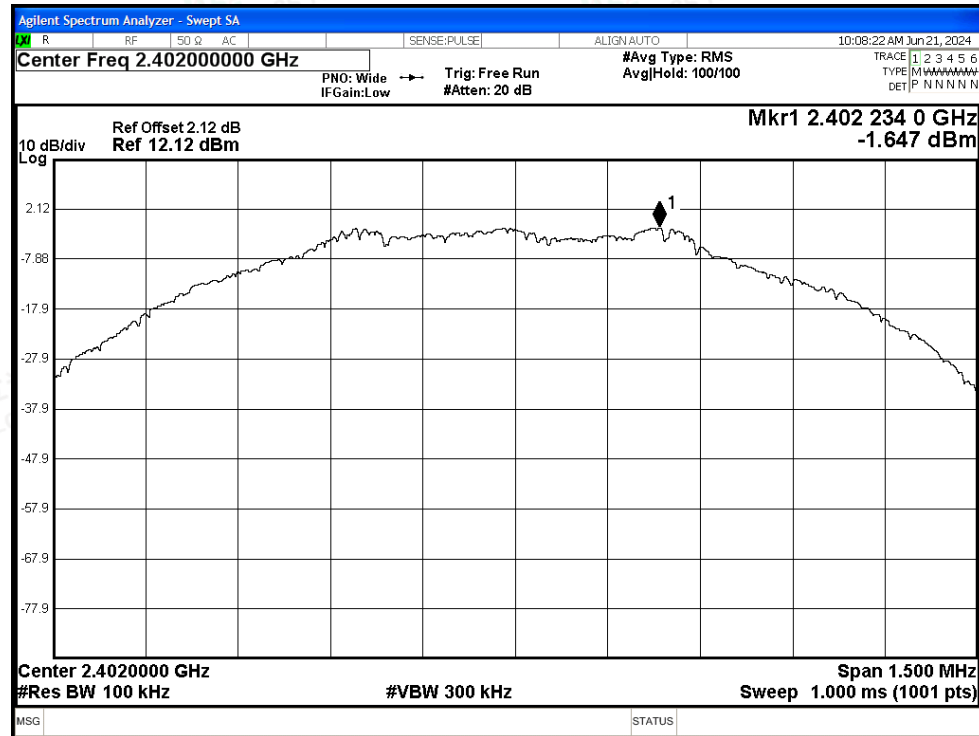
Condition	Mode	Frequency (MHz)	Antenna	Max Value (dBc)	Limit (dBc)	Verdict
NVNT	BLE 1M	2402	Ant0	-54.01	-20	Pass
NVNT	BLE 1M	2440	Ant0	-54.55	-20	Pass
NVNT	BLE 1M	2480	Ant0	-54.57	-20	Pass
NVNT	BLE 2M	2402	Ant0	-52.57	-20	Pass
NVNT	BLE 2M	2440	Ant0	-53.83	-20	Pass
NVNT	BLE 2M	2480	Ant0	-52.48	-20	Pass



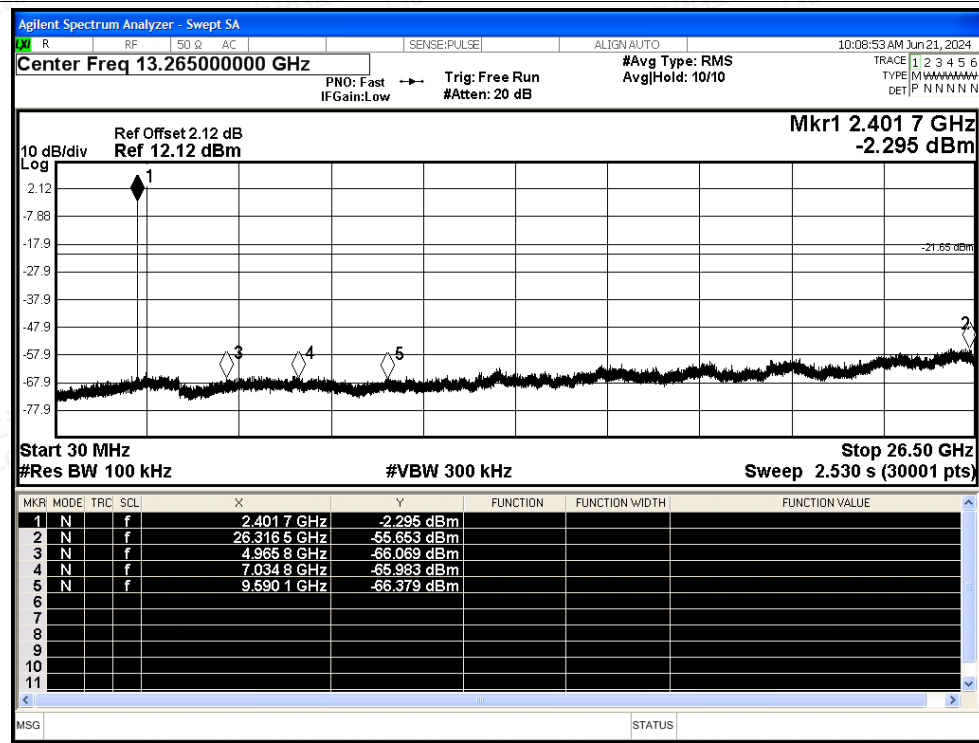


Test Graphs

Tx. Spurious NVNT BLE 1M 2402MHz Ant0 Ref



Tx. Spurious NVNT BLE 1M 2402MHz Ant0 Emission



Shenzhen LCS Compliance Testing Laboratory Ltd.

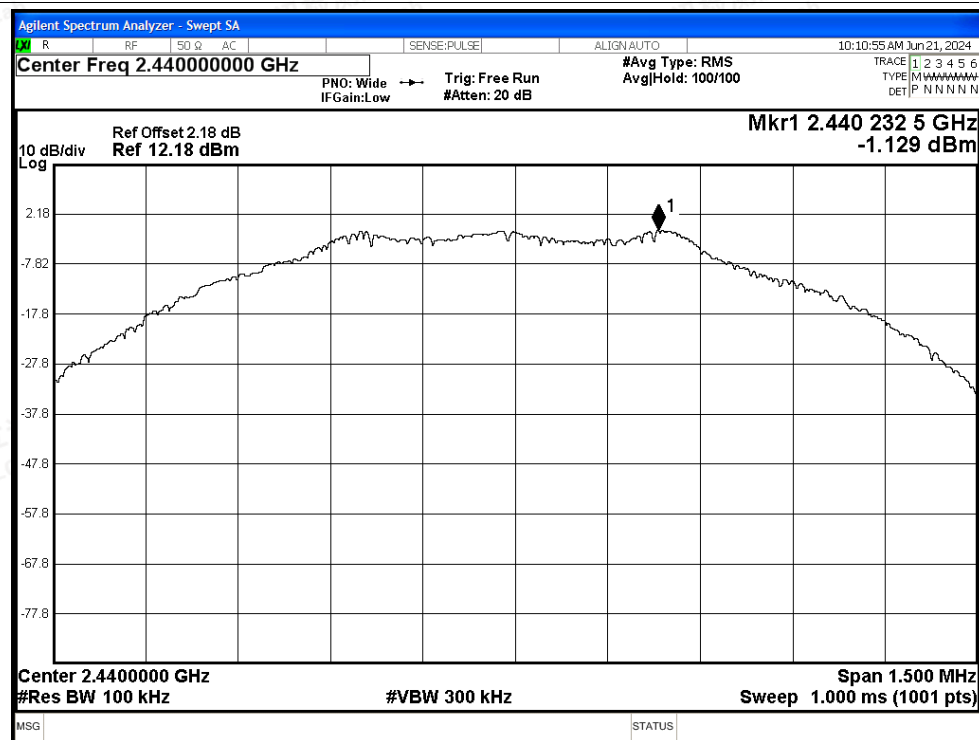
Add: 101, 201 Bldg A & 301 Bldg C, Juji Industrial Park Yabianxueziwei, Shajing Street, Baoan District, Shenzhen, 518000, China

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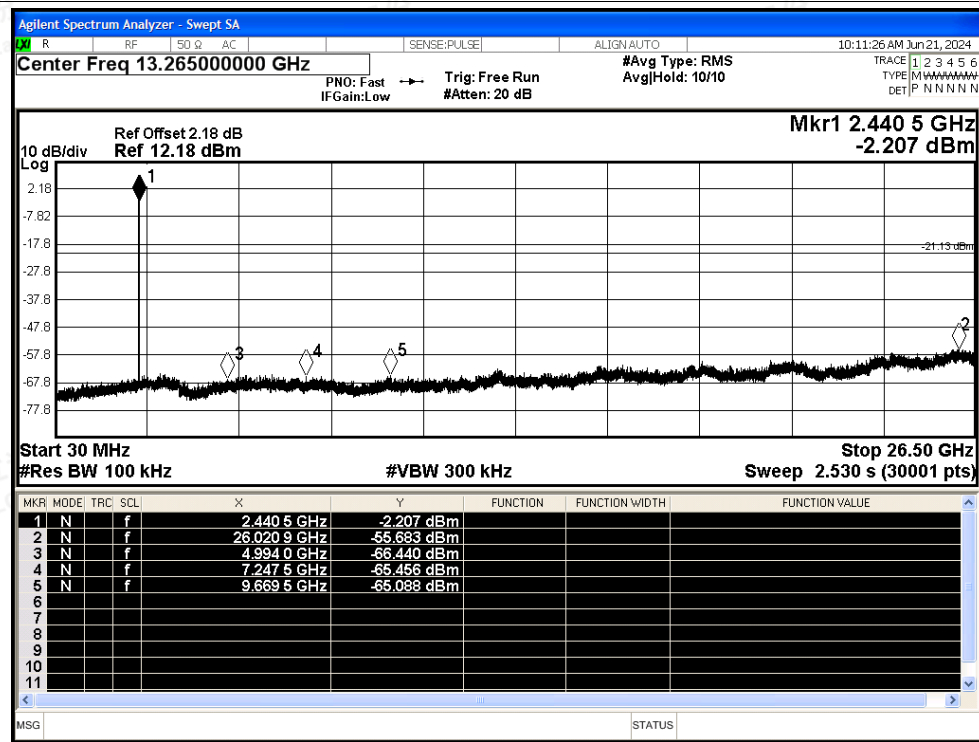
Scan code to check authenticity



Tx. Spurious NVNT BLE 1M 2440MHz Ant0 Ref



Tx. Spurious NVNT BLE 1M 2440MHz Ant0 Emission



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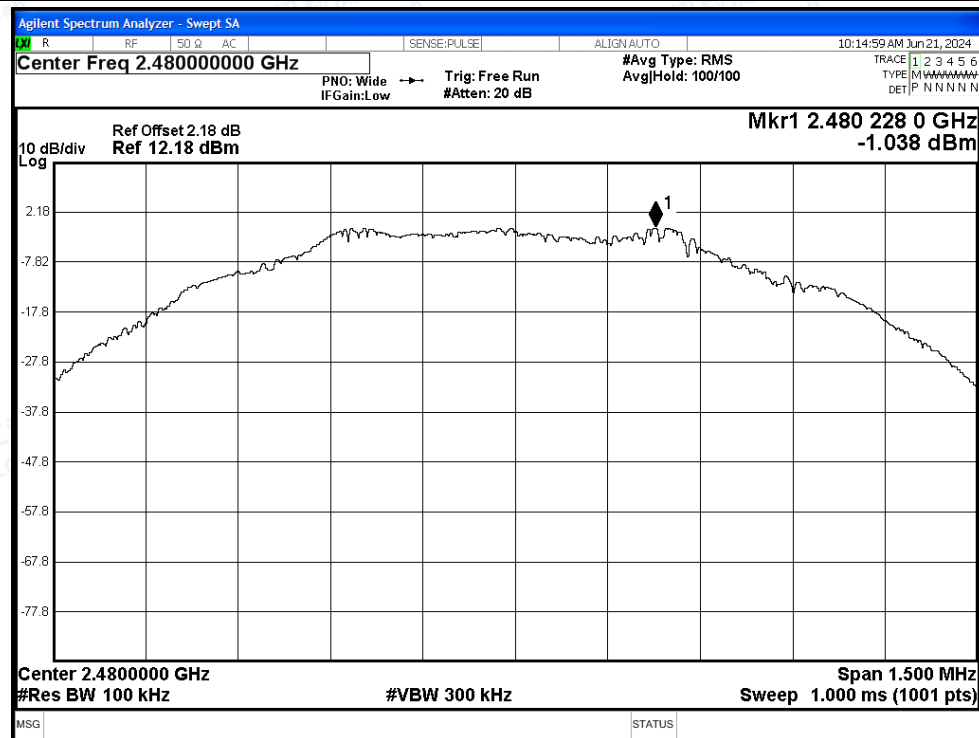
Add: 101, 201 Bldg A & 301 Bldg C, Juji Industrial Park Yabianxueziwei, Shajing Street, Baoan District, Shenzhen, 518000, China

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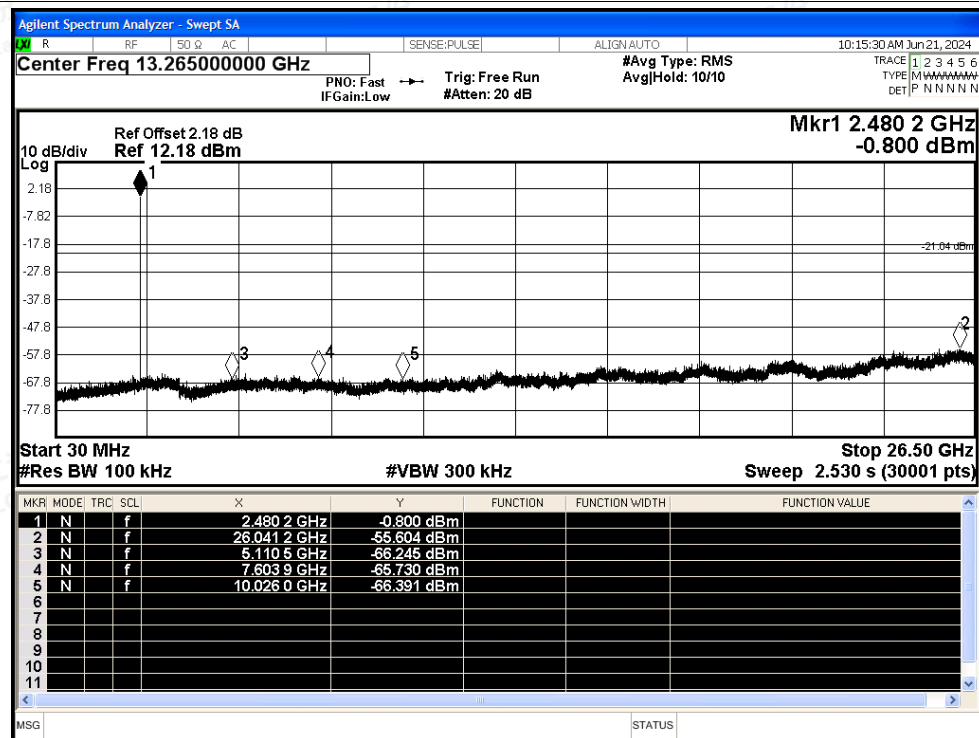
Scan code to check authenticity



Tx. Spurious NVNT BLE 1M 2480MHz Ant0 Ref



Tx. Spurious NVNT BLE 1M 2480MHz Ant0 Emission



Test Graphs

Tx. Spurious NVNT BLE 2M 2402MHz Ant0 Ref

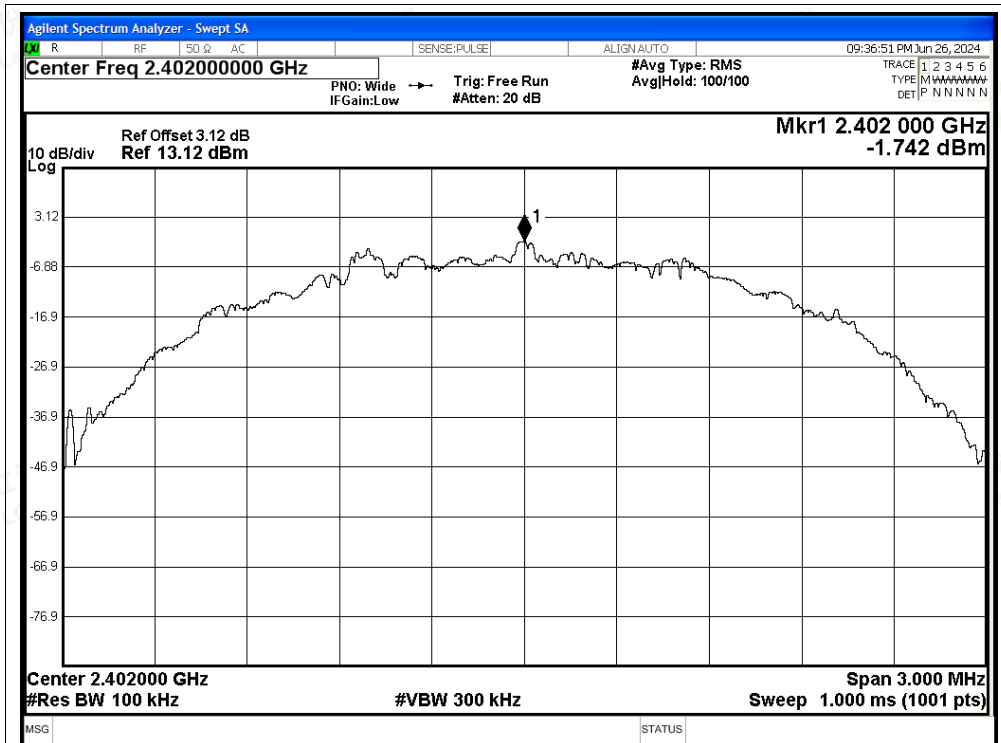


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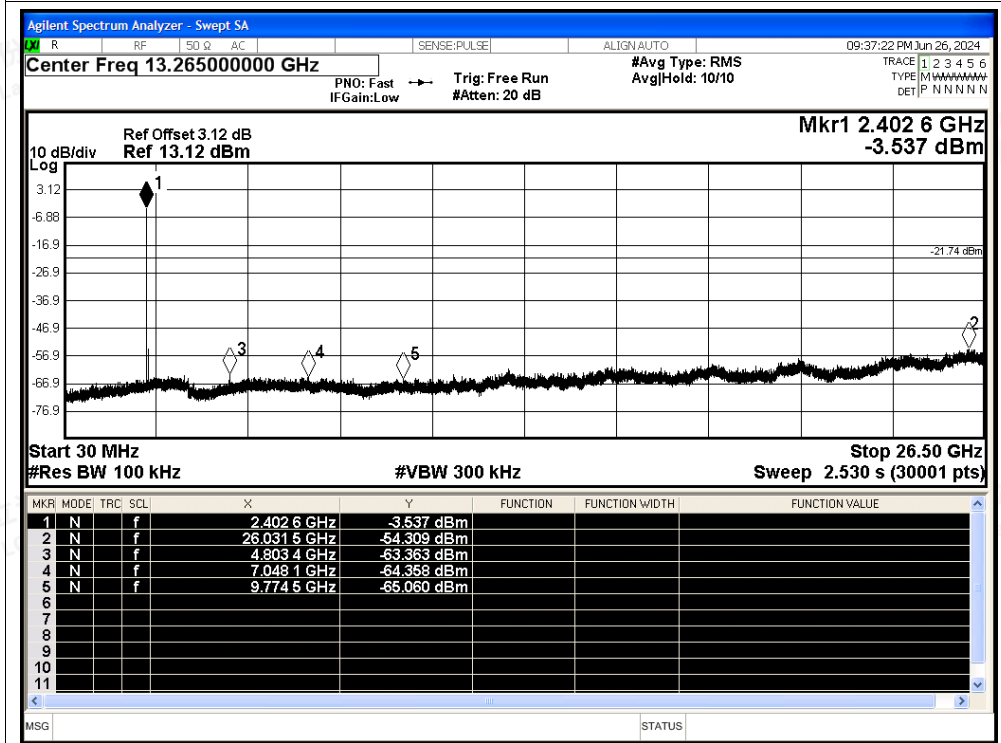
Add: 101, 201 Bldg A & 301 Bldg C, Juji Industrial Park Yabianxueziwei, Shajing Street, Baoan District, Shenzhen, 518000, China

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Tx. Spurious NVNT BLE 2M 2402MHz Ant0 Emission



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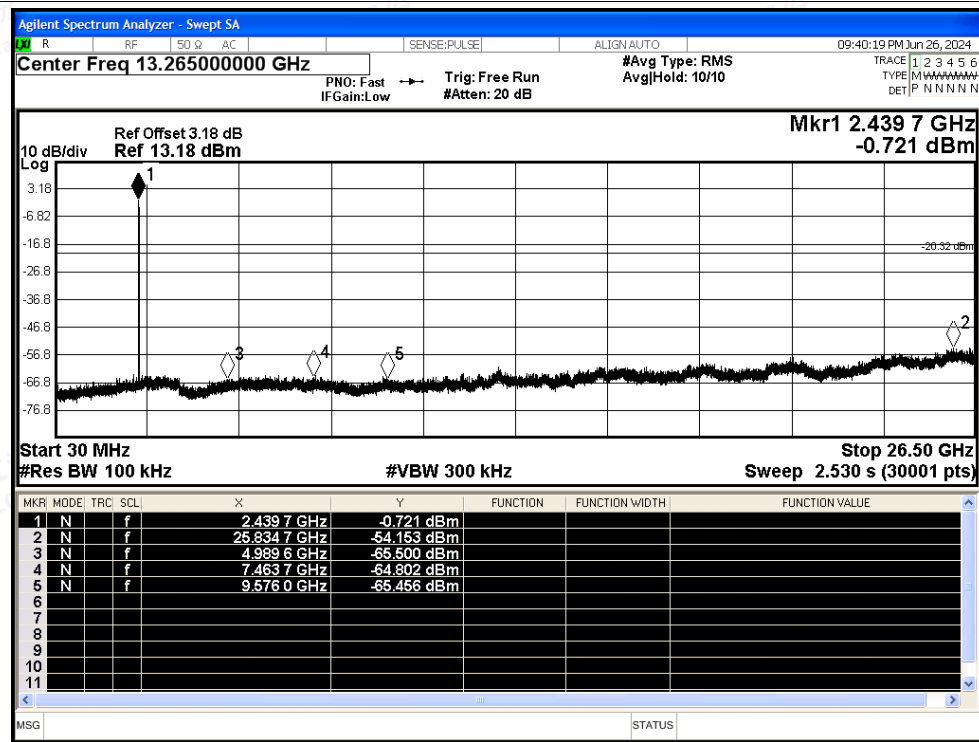
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Tx. Spurious NVNT BLE 2M 2440MHz Ant0 Emission



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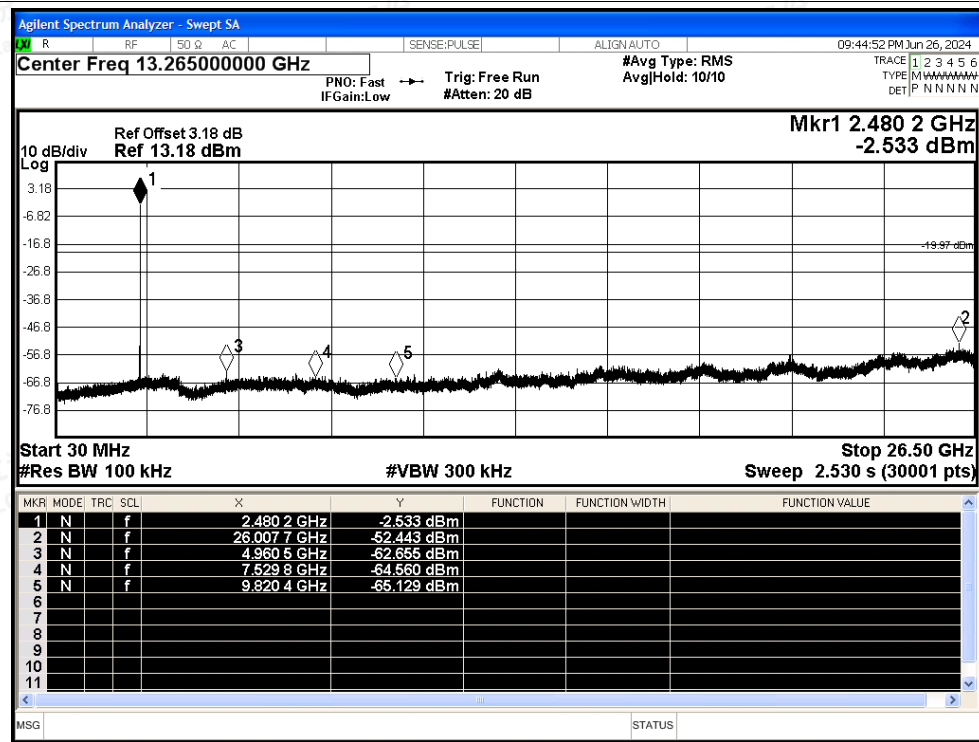
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Tx. Spurious NVNT BLE 2M 2480MHz Ant0 Ref



Tx. Spurious NVNT BLE 2M 2480MHz Ant0 Emission



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B.6 Duty Cycle

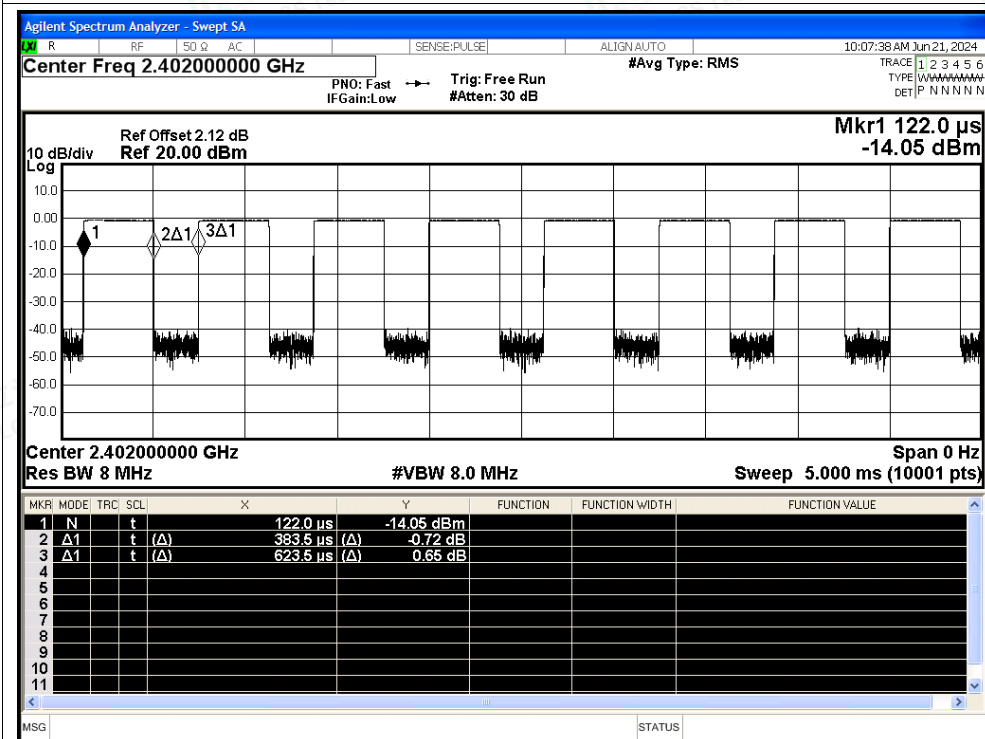
Condition	Mode	Frequency (MHz)	Antenna	Duty Cycle (%)	Correction Factor (dB)	1/T (kHz)
NVNT	BLE 1M	2402	Ant0	61.51	2.11	2.61
NVNT	BLE 1M	2440	Ant0	61.53	2.11	2.61
NVNT	BLE 1M	2480	Ant0	61.6	2.1	2.6
NVNT	BLE 2M	2402	Ant0	65.92	1.81	1.21
NVNT	BLE 2M	2440	Ant0	65.93	1.81	1.21
NVNT	BLE 2M	2480	Ant0	65.96	1.81	1.21



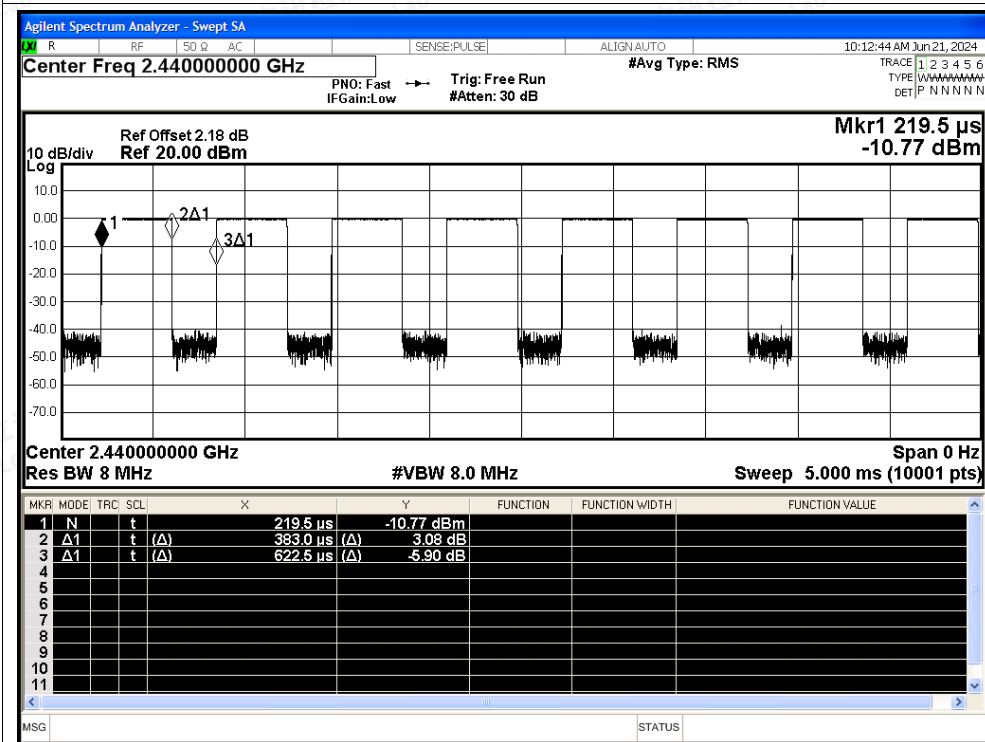


Test Graphs

Duty Cycle NVNT BLE 1M 2402MHz Ant0



Duty Cycle NVNT BLE 1M 2440MHz Ant0



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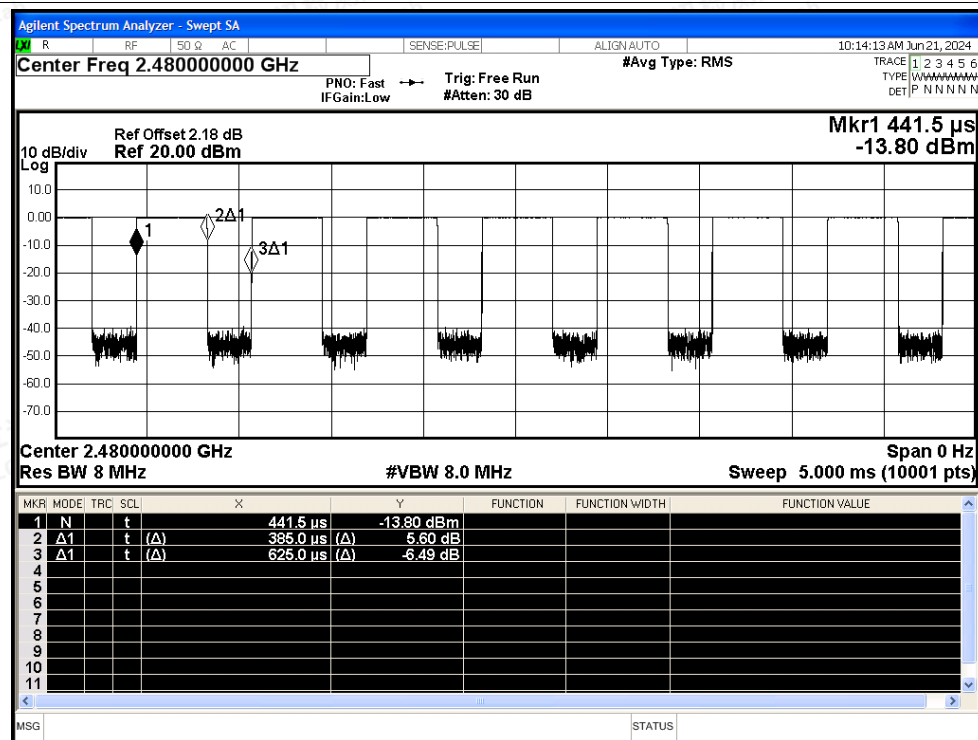
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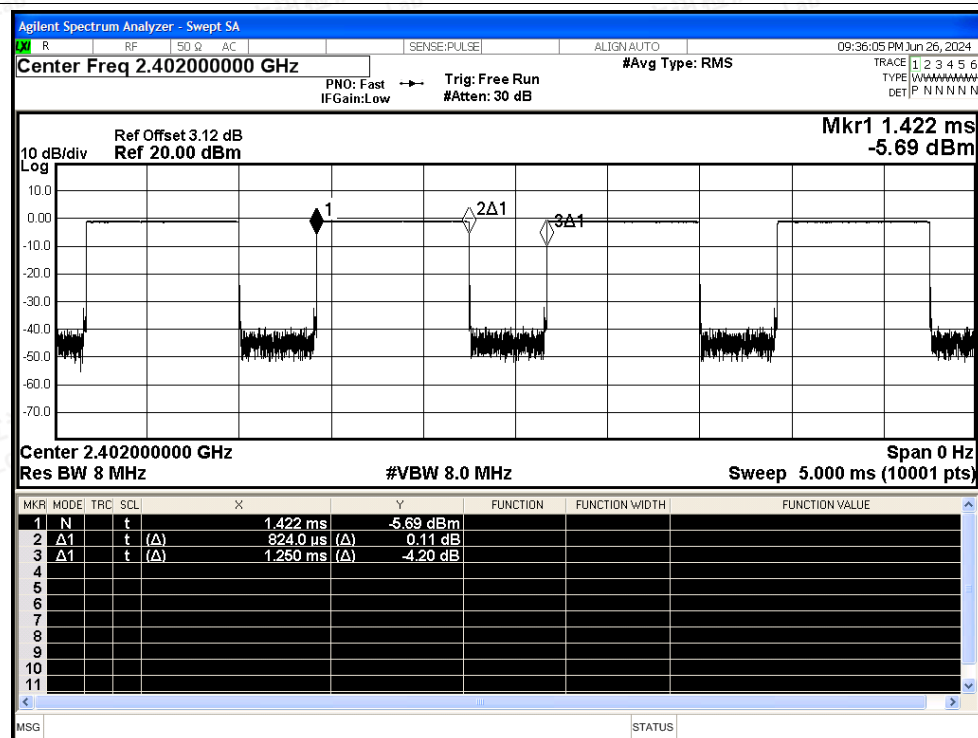


Duty Cycle NVNT BLE 1M 2480MHz Ant0



Test Graphs

Duty Cycle NVNT BLE 2M 2402MHz Ant0



Duty Cycle NVNT BLE 2M 2440MHz Ant0

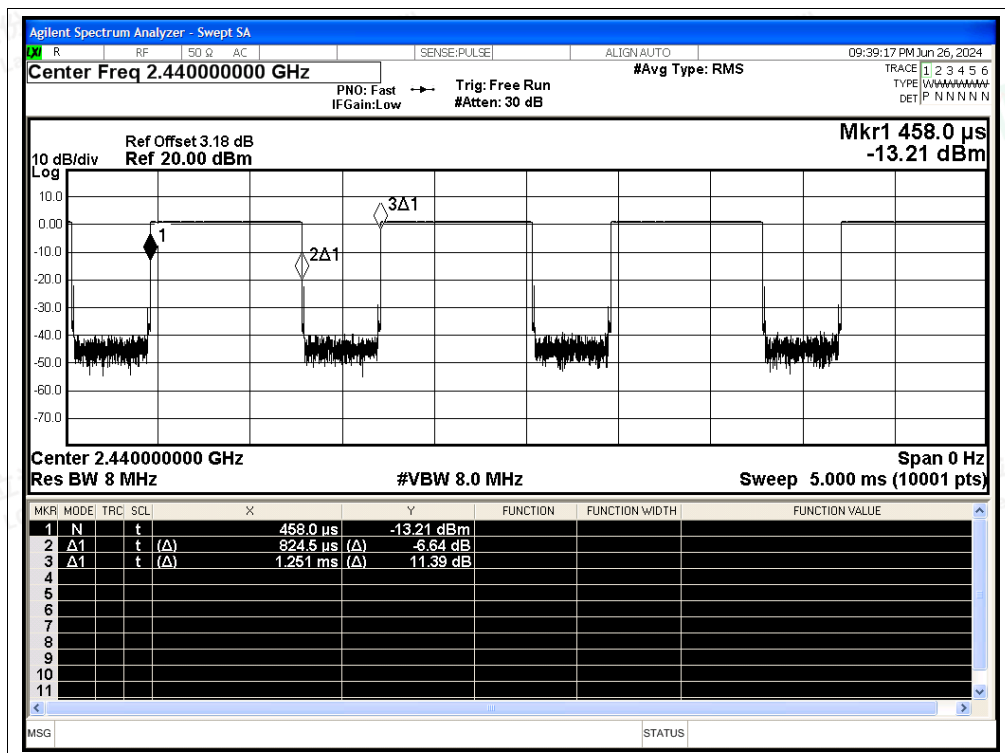


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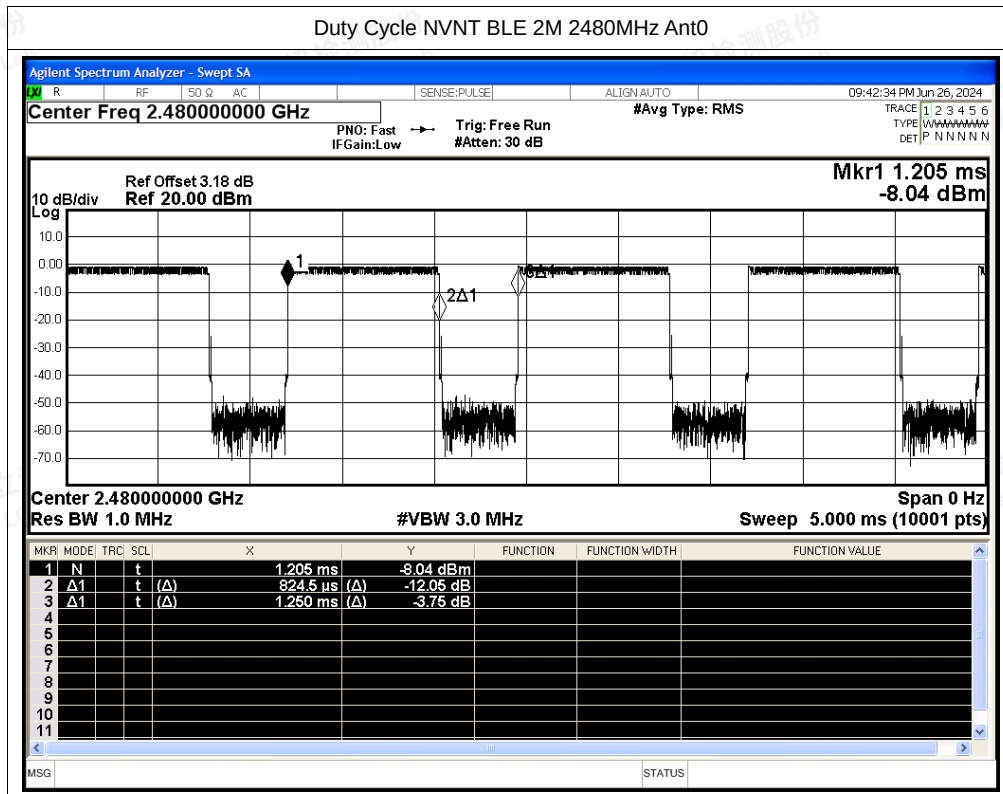


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B.7 Restrict Band

Condition	Mode	Frequency (MHz)	Antenna	Spur Freq (MHz)	Power (dBm)	Gain (dBi)	Duty Factor (dB)	E (dBuV/m)	Detector	Limit (dBuV/m)	Verdict
NVNT	BLE 1M	2402	Ant0	2310	-51	2.91	-	47.17	Peak	74	Pass
NVNT	BLE 1M	2402	Ant0	2310	-58.56	2.91	2.11	41.72	Average	54	Pass
NVNT	BLE 1M	2402	Ant0	2367.504	-46.7	2.91	-	51.47	Peak	74	Pass
NVNT	BLE 1M	2402	Ant0	2378.832	-57.56	2.91	2.11	42.72	Average	54	Pass
NVNT	BLE 1M	2402	Ant0	2390	-49.87	2.91	-	48.30	Peak	74	Pass
NVNT	BLE 1M	2402	Ant0	2390	-58.11	2.91	2.11	42.17	Average	54	Pass
NVNT	BLE 1M	2480	Ant0	2483.5	-50.21	2.91	-	47.96	Peak	74	Pass
NVNT	BLE 1M	2480	Ant0	2483.5	-55.79	2.91	2.1	44.48	Average	54	Pass
NVNT	BLE 1M	2480	Ant0	2483.824	-36.75	2.91	-	61.42	Peak	74	Pass
NVNT	BLE 1M	2480	Ant0	2484.016	-54.91	2.91	2.1	45.36	Average	54	Pass
NVNT	BLE 1M	2480	Ant0	2500	-49.57	2.91	-	48.60	Peak	74	Pass
NVNT	BLE 1M	2480	Ant0	2500	-57.8	2.91	2.1	42.47	Average	54	Pass
NVNT	BLE 2M	2402	Ant0	2310	-48.77	2.91	-	49.40	Peak	74	Pass
NVNT	BLE 2M	2402	Ant0	2310	-57.63	2.91	1.81	42.35	Average	54	Pass
NVNT	BLE 2M	2402	Ant0	2372.496	-46.19	2.91	-	51.98	Peak	74	Pass
NVNT	BLE 2M	2402	Ant0	2344.56	-56.56	2.91	1.81	43.42	Average	54	Pass
NVNT	BLE 2M	2402	Ant0	2390	-49.82	2.91	-	48.35	Peak	74	Pass
NVNT	BLE 2M	2402	Ant0	2390	-57.31	2.91	1.81	42.67	Average	54	Pass
NVNT	BLE 2M	2480	Ant0	2483.5	-48.62	2.91	-	49.55	Peak	74	Pass
NVNT	BLE 2M	2480	Ant0	2483.5	-56.48	2.91	1.81	43.50	Average	54	Pass
NVNT	BLE 2M	2480	Ant0	2485.216	-44.15	2.91	-	54.02	Peak	74	Pass
NVNT	BLE 2M	2480	Ant0	2491.168	-56.05	2.91	1.81	43.93	Average	54	Pass
NVNT	BLE 2M	2480	Ant0	2500	-48.95	2.91	-	49.22	Peak	74	Pass
NVNT	BLE 2M	2480	Ant0	2500	-56.68	2.91	1.81	43.30	Average	54	Pass



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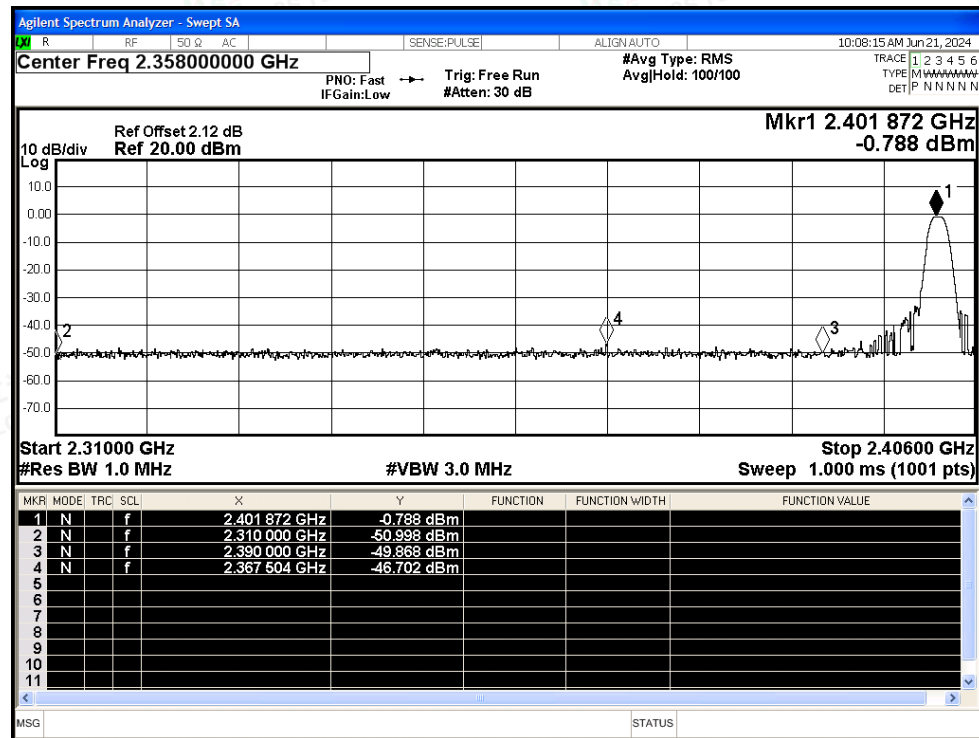
Tel: +(86) 0755-82591330 | E-mail: webmaster@lcs-cert.com | Web: www.lcs-cert.com

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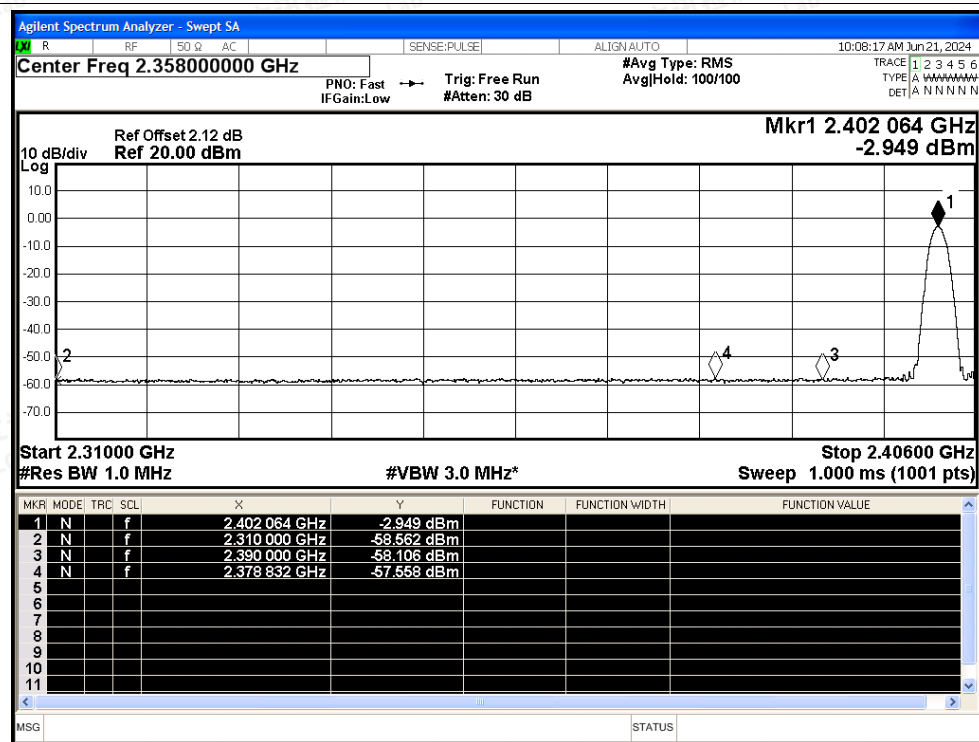


Test Graphs

Restrict Band NVNT BLE 1M 2402MHz Ant0 Peak



Restrict Band NVNT BLE 1M 2402MHz Ant0 Average



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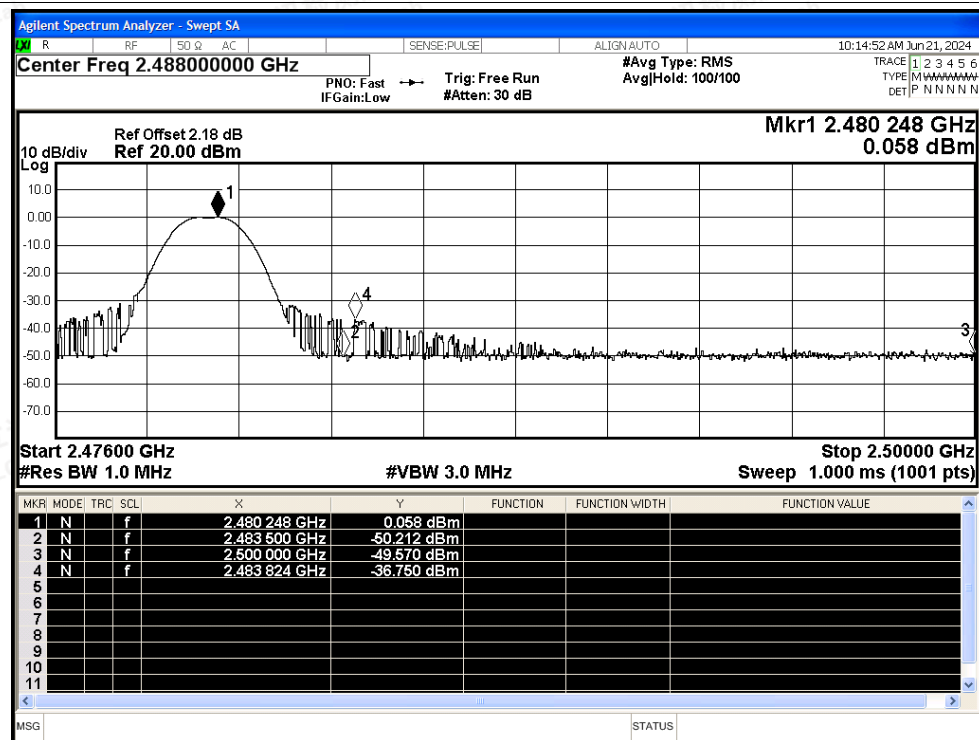
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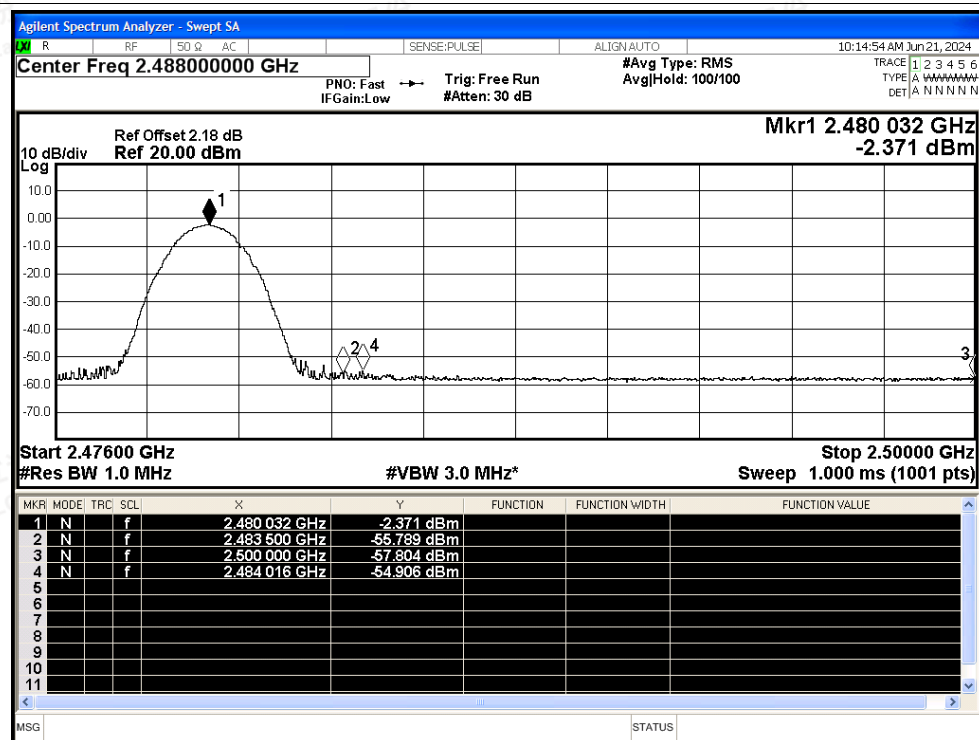
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Restrict Band NVNT BLE 1M 2480MHz Ant0 Peak



Restrict Band NVNT BLE 1M 2480MHz Ant0 Average



Test Graphs

Restrict Band NVNT BLE 2M 2402MHz Ant0 Peak

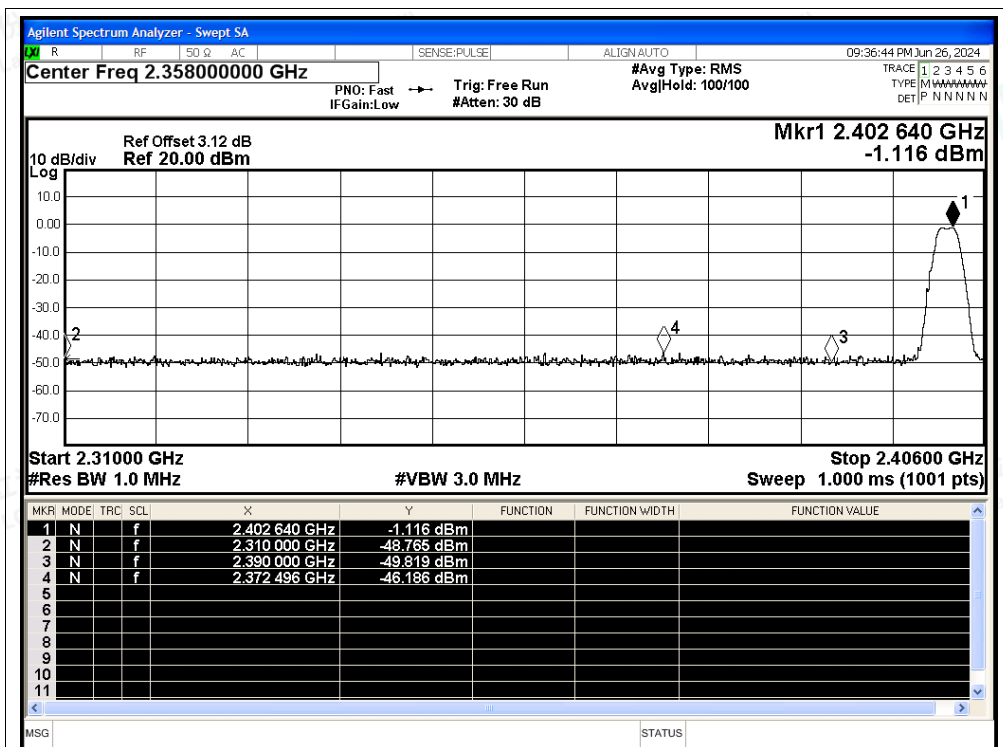


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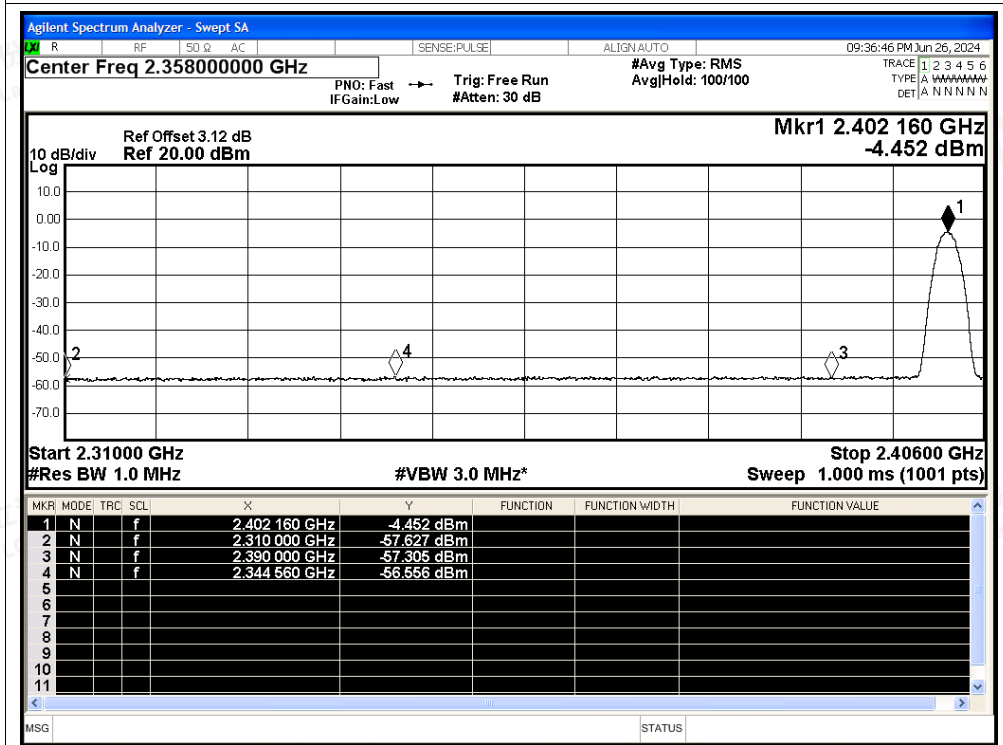
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Restrict Band NVNT BLE 2M 2402MHz Ant0 Average



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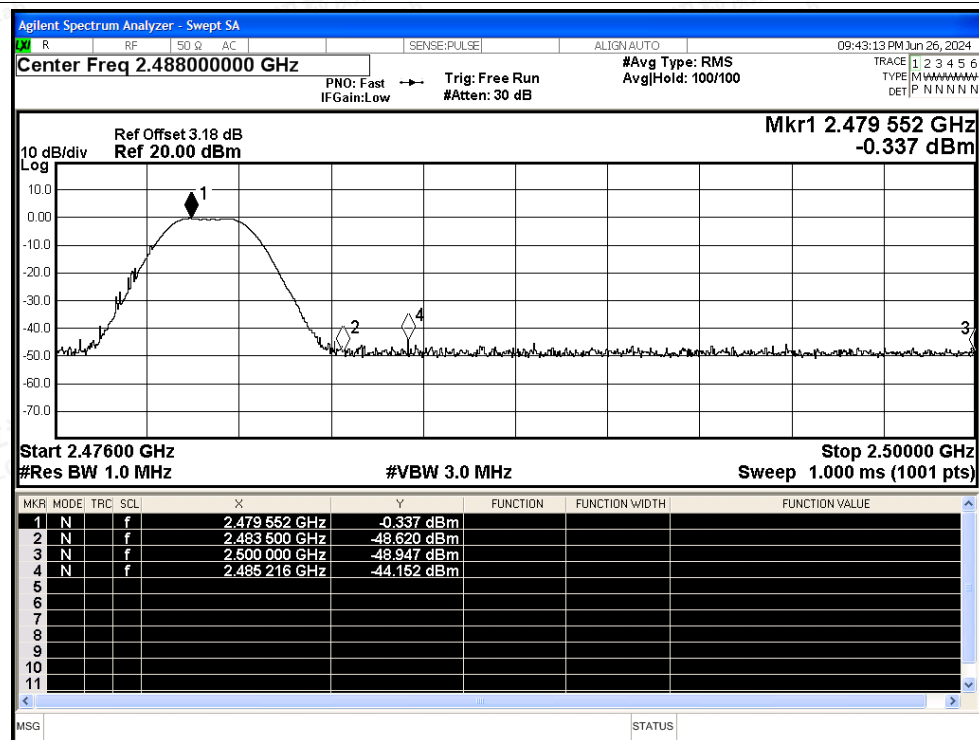
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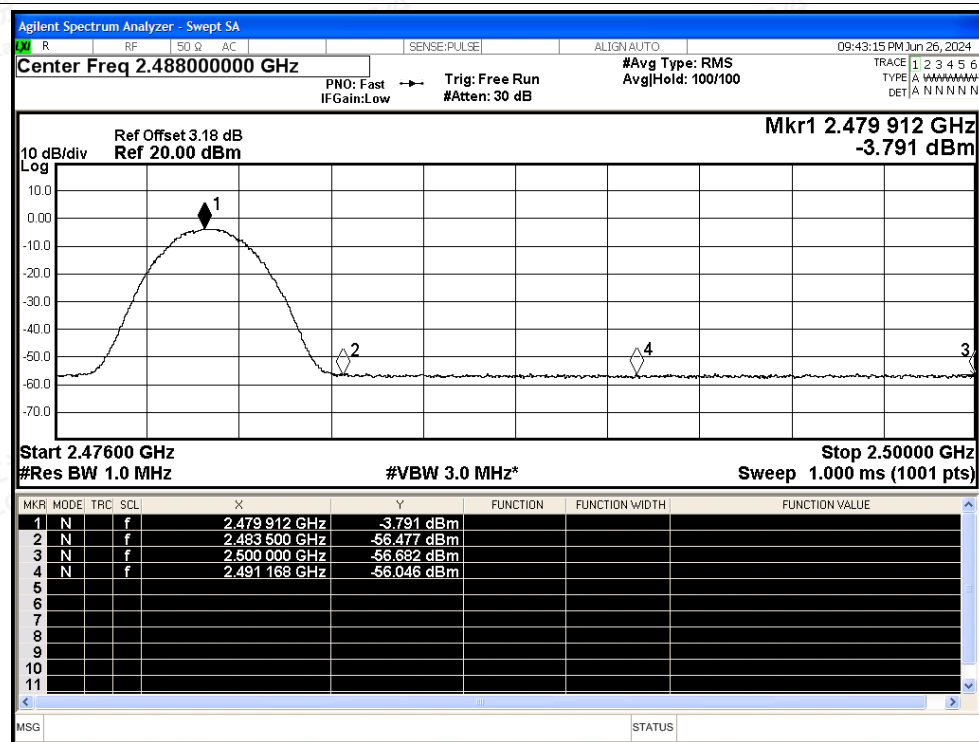
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Restrict Band NVNT BLE 2M 2480MHz Ant0 Peak



Restrict Band NVNT BLE 2M 2480MHz Ant0 Average



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