



Appendix A

RF Test Data for BT LE (Conducted Measurement)

Product Name: BDE Multi-Band & Multi-Protocol Wireless Module with PA

Test Model: BDE-MB1354P101UA32

Environmental Conditions

Temperature:	23.1° C
Relative Humidity:	52.3%
ATM Pressure:	100.0 kPa
Test Engineer:	Jose Zhu
Supervised by:	Nick Peng



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A.1 -6dB Bandwidth

Condition	Mode	Frequency (MHz)	Antenna	-6 dB Bandwidth (MHz)	Limit -6 dB Bandwidth (MHz)	Verdict
NVNT	BLE 1M	2402	Ant	0.657	≥ 0.5	Pass
NVNT	BLE 1M	2440	Ant	0.701	≥ 0.5	Pass
NVNT	BLE 1M	2480	Ant	0.704	≥ 0.5	Pass
NVNT	BLE 2M	2402	Ant	1.31	≥ 0.5	Pass
NVNT	BLE 2M	2440	Ant	1.46	≥ 0.5	Pass
NVNT	BLE 2M	2480	Ant	1.407	≥ 0.5	Pass
NVNT	BLE 125Kbps	2402	Ant	0.698	≥ 0.5	Pass
NVNT	BLE 125Kbps	2440	Ant	0.736	≥ 0.5	Pass
NVNT	BLE 125Kbps	2480	Ant	0.676	≥ 0.5	Pass
NVNT	BLE 500Kbps	2402	Ant	0.677	≥ 0.5	Pass
NVNT	BLE 500Kbps	2440	Ant	0.658	≥ 0.5	Pass
NVNT	BLE 500Kbps	2480	Ant	0.671	≥ 0.5	Pass



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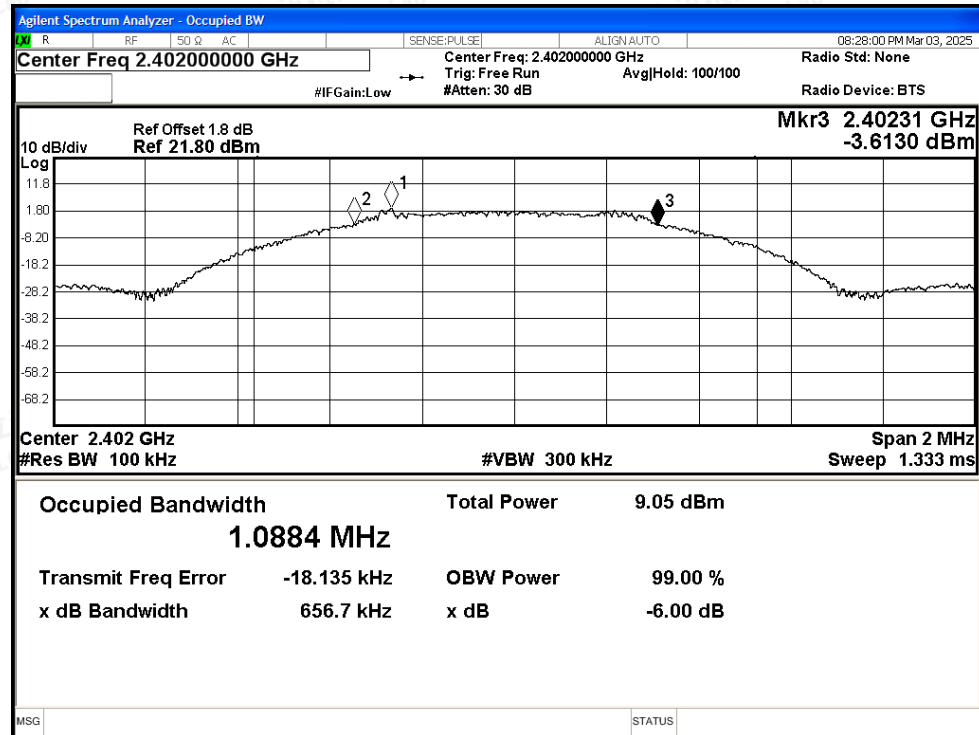
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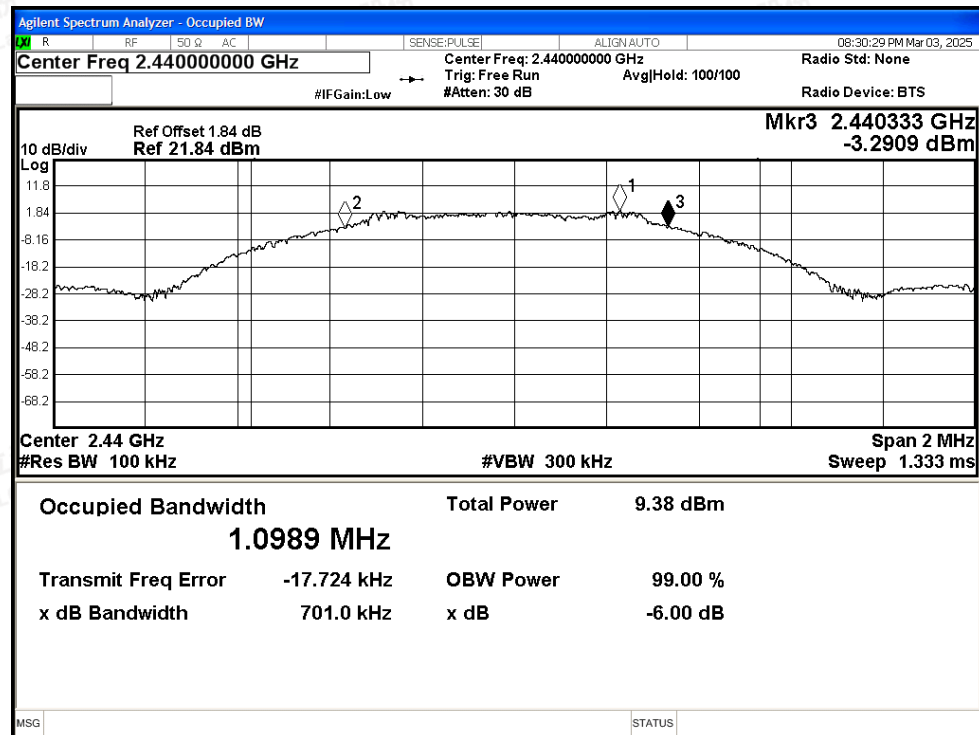


Test Graphs

-6dB Bandwidth NVNT BLE 1M 2402MHz Ant



-6dB Bandwidth NVNT BLE 1M 2440MHz Ant



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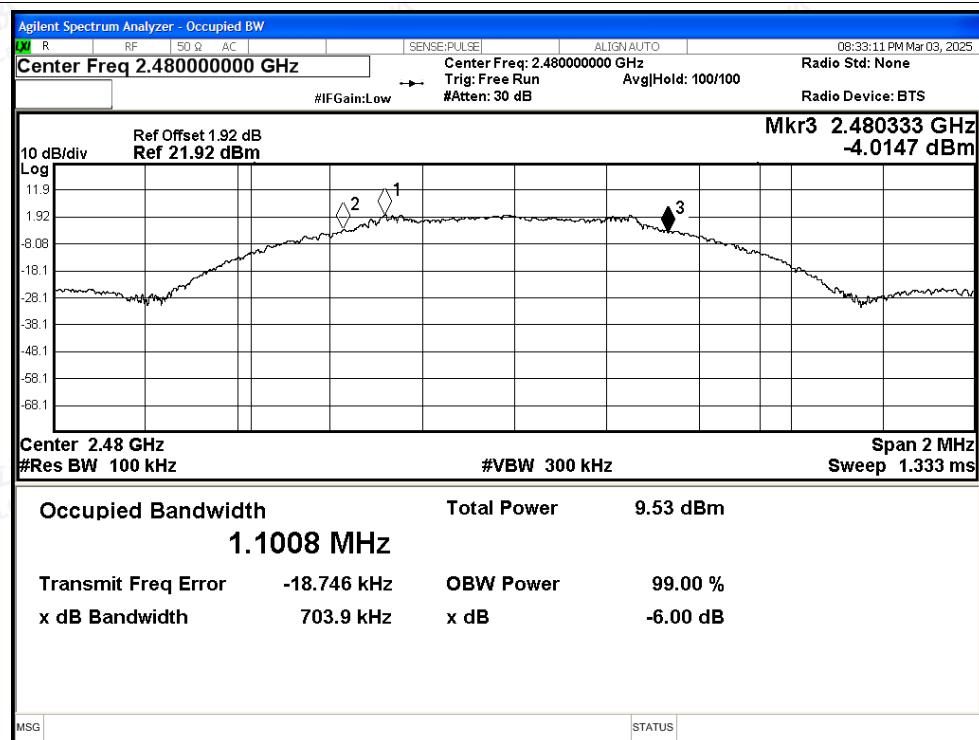
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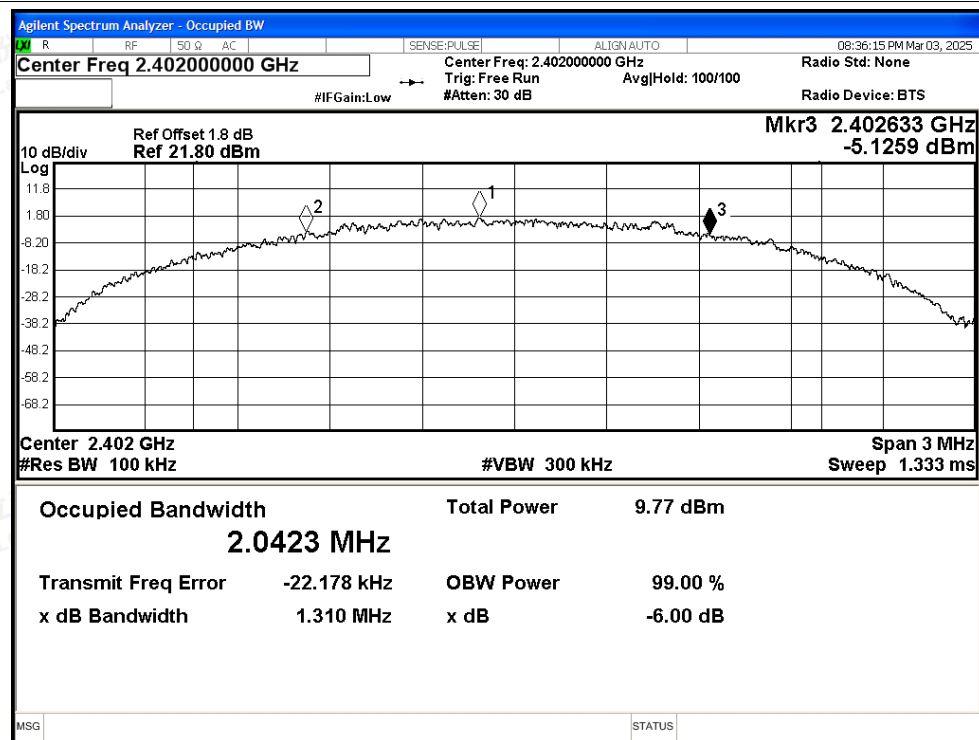
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-6dB Bandwidth NVNT BLE 1M 2480MHz Ant



-6dB Bandwidth NVNT BLE 2M 2402MHz Ant



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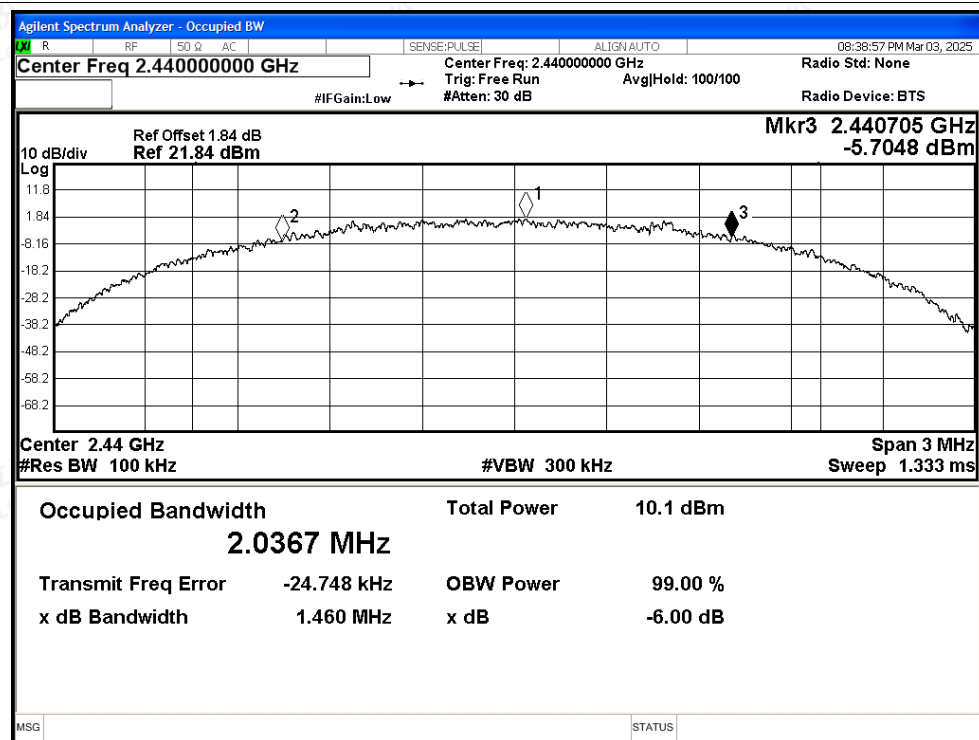
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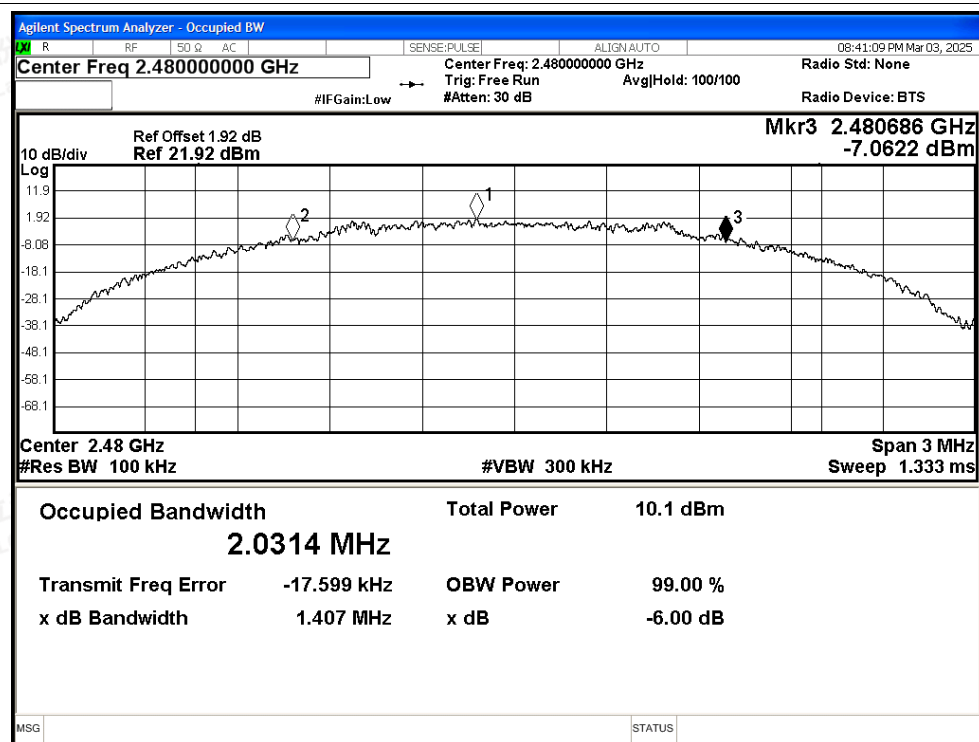
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-6dB Bandwidth NVNT BLE 2M 2440MHz Ant



-6dB Bandwidth NVNT BLE 2M 2480MHz Ant



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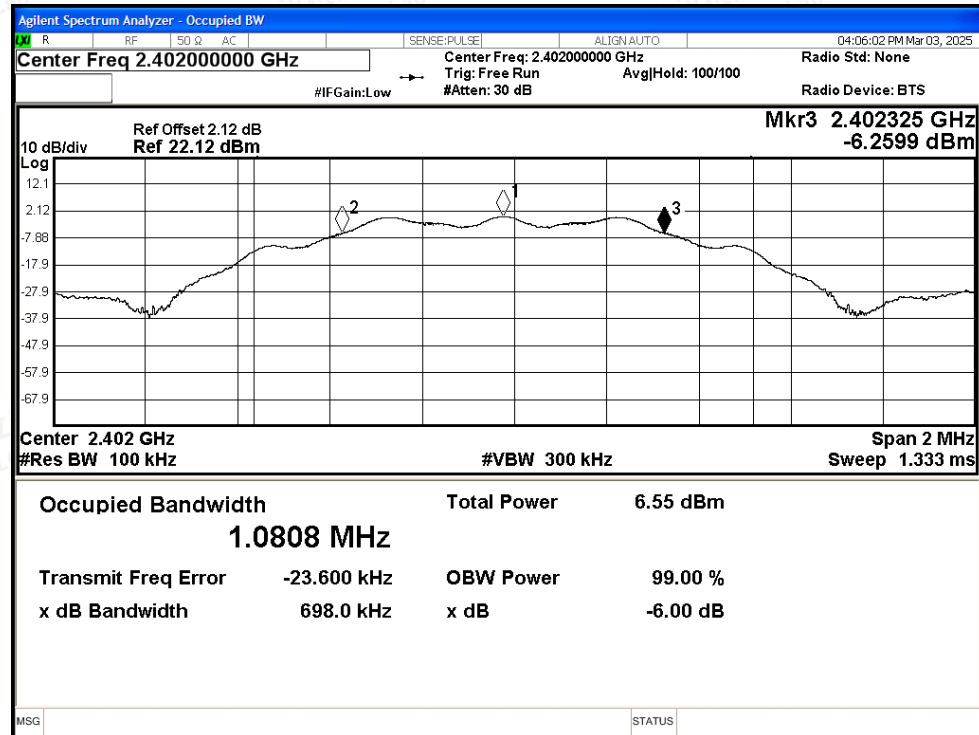
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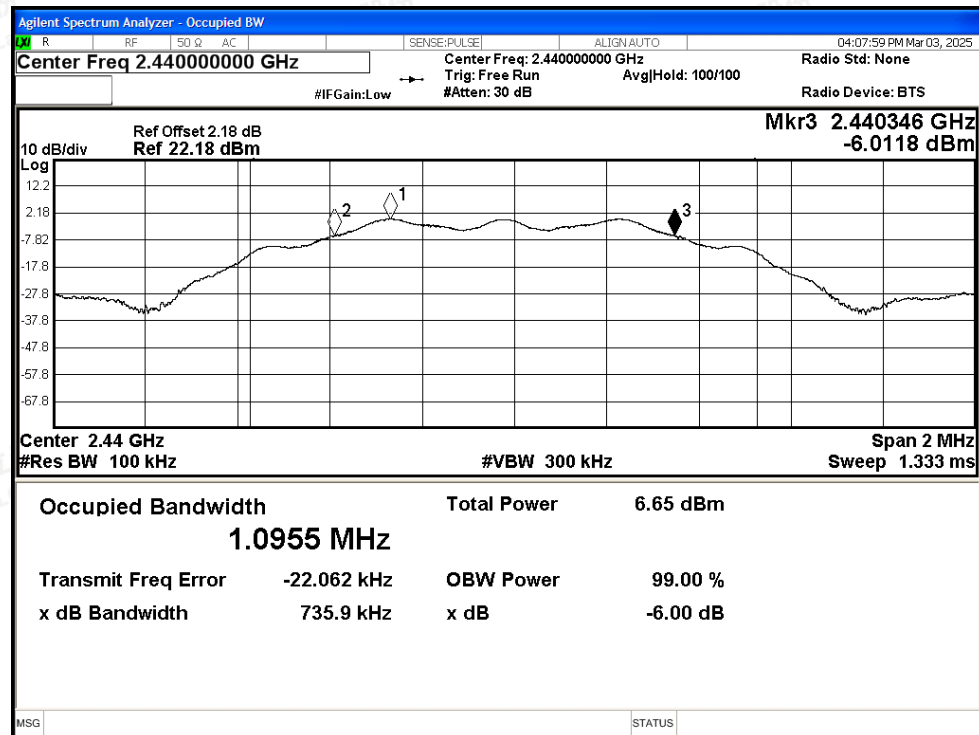


Test Graphs

-6dB Bandwidth NVNT BLE 125Kbps 2402MHz Ant



-6dB Bandwidth NVNT BLE 125Kbps 2440MHz Ant

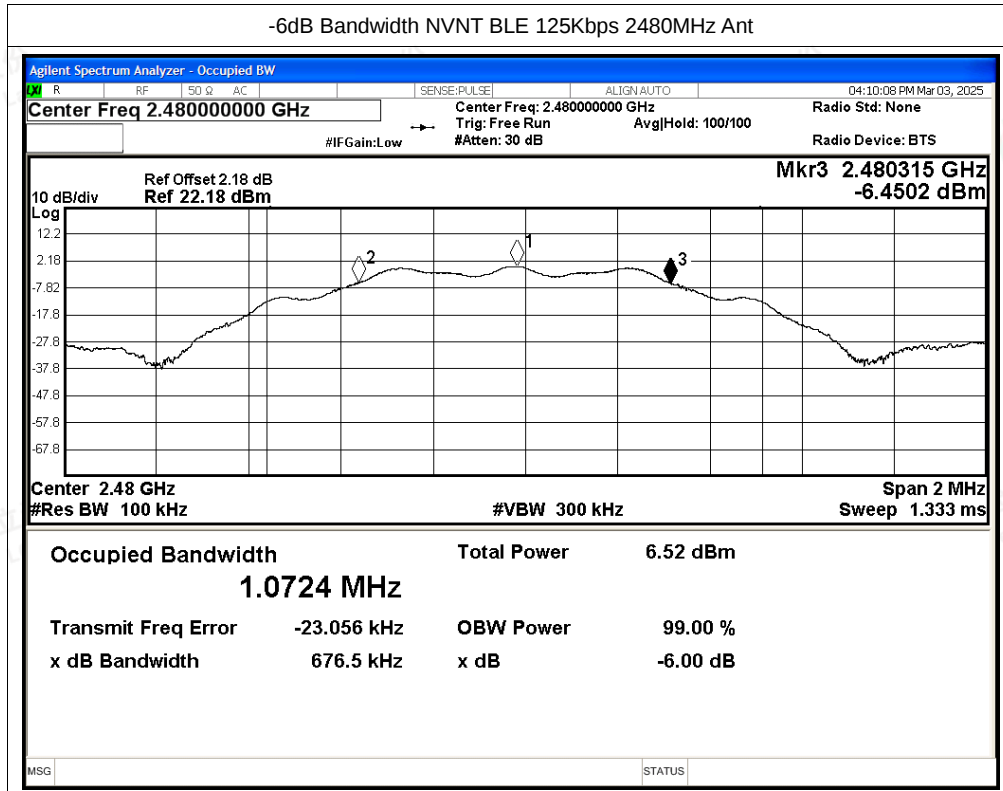


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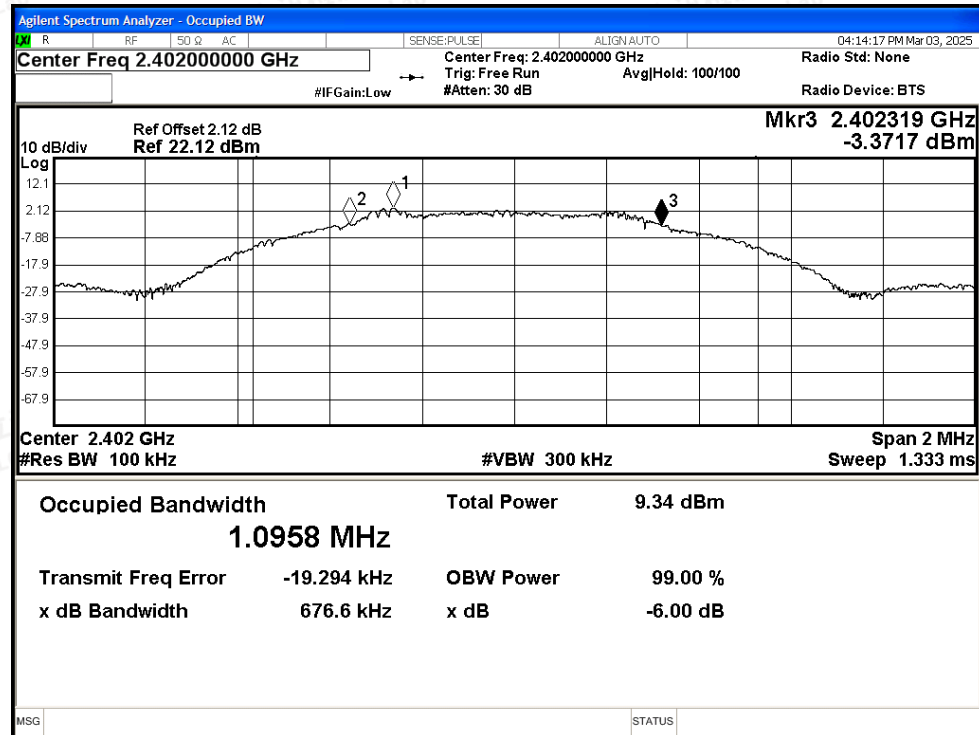
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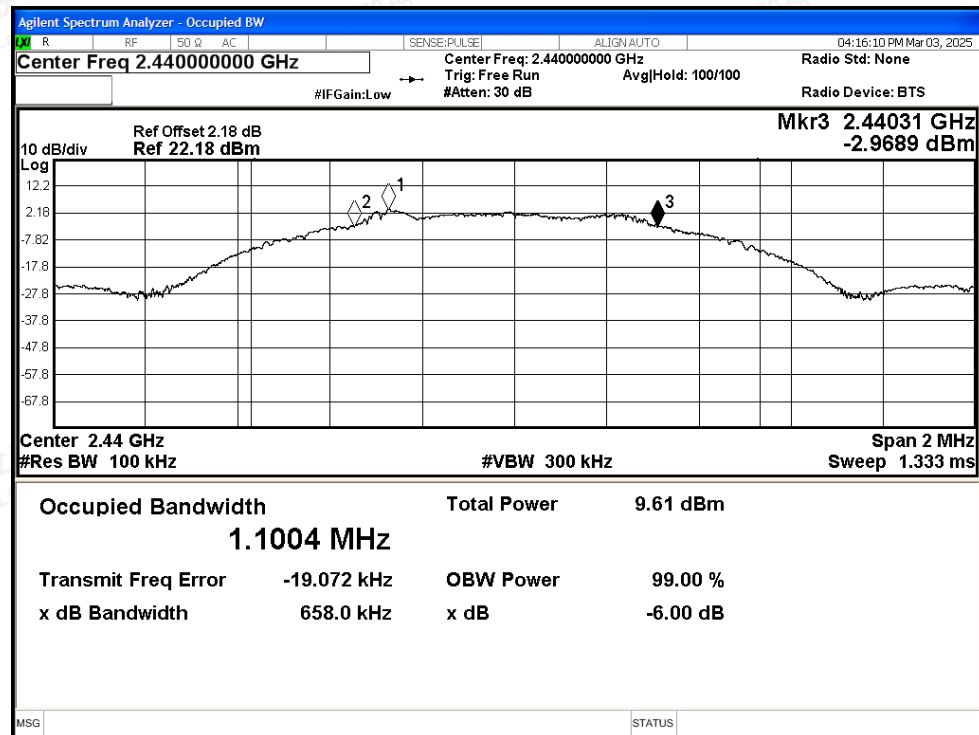


Test Graphs

-6dB Bandwidth NVNT BLE 500Kbps 2402MHz Ant



-6dB Bandwidth NVNT BLE 500Kbps 2440MHz Ant

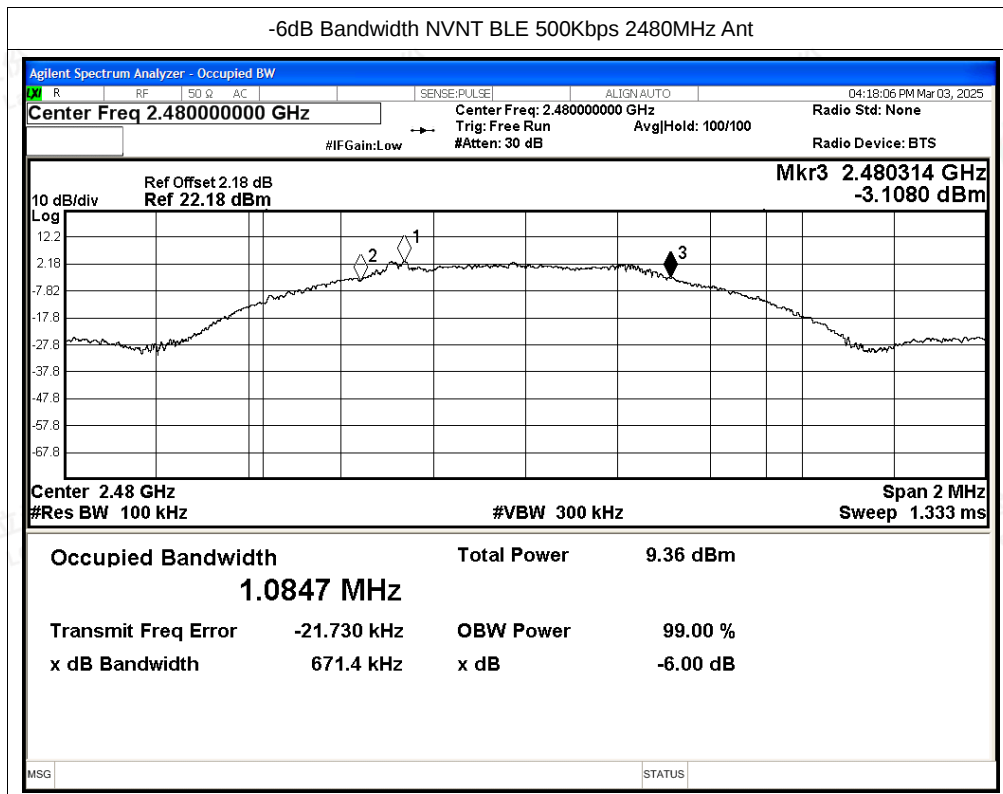


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A.2 Maximum Peak Conducted Output Power

Condition	Mode	Frequency (MHz)	Antenna	Total Power (dBm)	Limit (dBm)	Verdict
NVNT	BLE 1M	2402	Ant	3.05	30	Pass
NVNT	BLE 1M	2440	Ant	3.31	30	Pass
NVNT	BLE 1M	2480	Ant	3.4	30	Pass
NVNT	BLE 2M	2402	Ant	3.05	30	Pass
NVNT	BLE 2M	2440	Ant	3.36	30	Pass
NVNT	BLE 2M	2480	Ant	3.45	30	Pass
NVNT	BLE 125Kbps	2402	Ant	3.49	30	Pass
NVNT	BLE 125Kbps	2440	Ant	3.58	30	Pass
NVNT	BLE 125Kbps	2480	Ant	3.38	30	Pass
NVNT	BLE 500Kbps	2402	Ant	3.35	30	Pass
NVNT	BLE 500Kbps	2440	Ant	3.53	30	Pass
NVNT	BLE 500Kbps	2480	Ant	3.35	30	Pass



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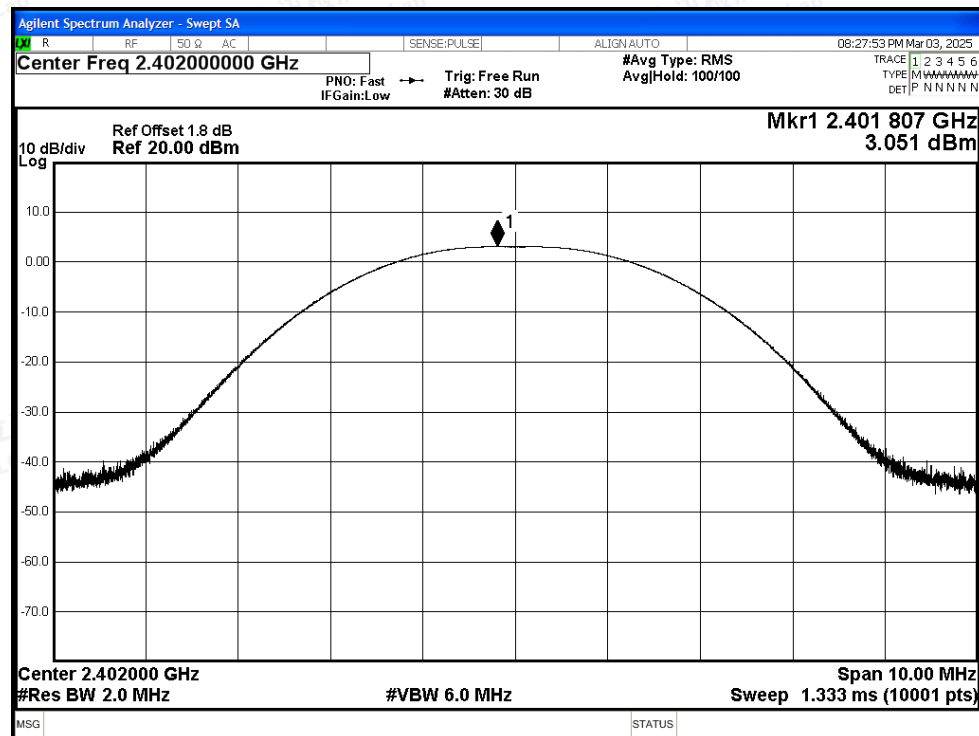
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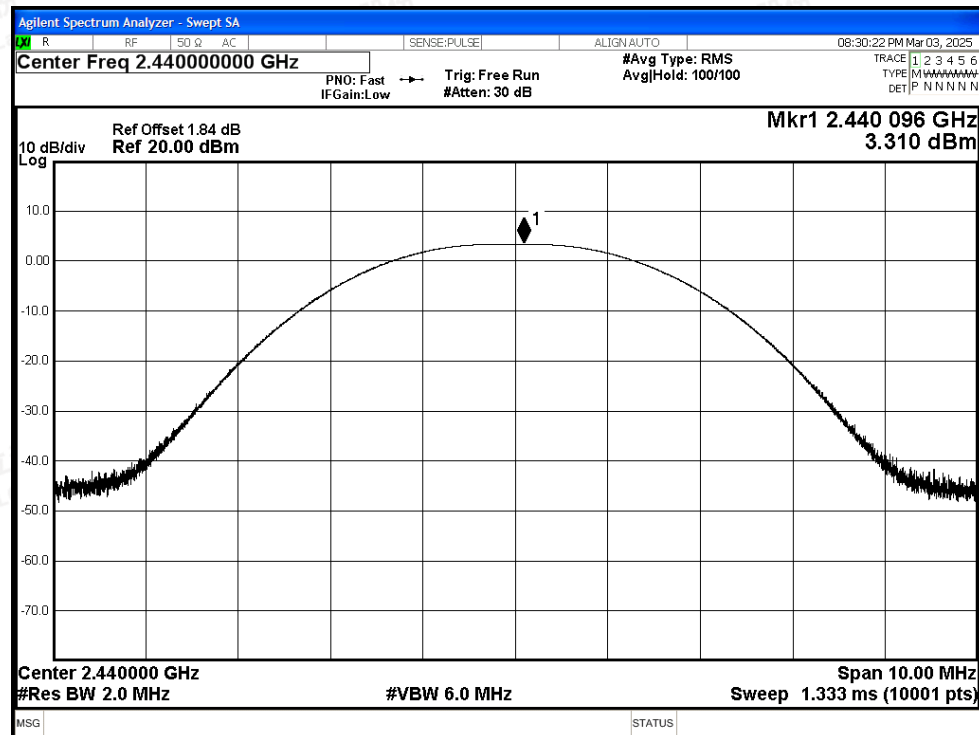


Test Graphs

Power NVNT BLE 1M 2402MHz Ant



Power NVNT BLE 1M 2440MHz Ant

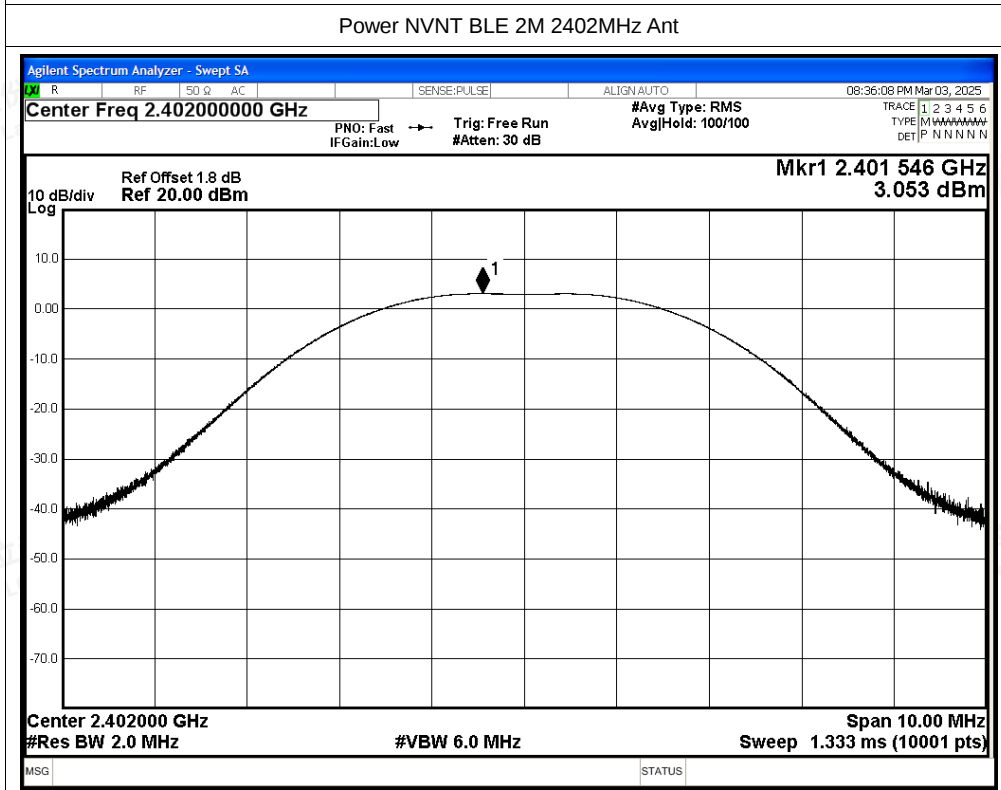
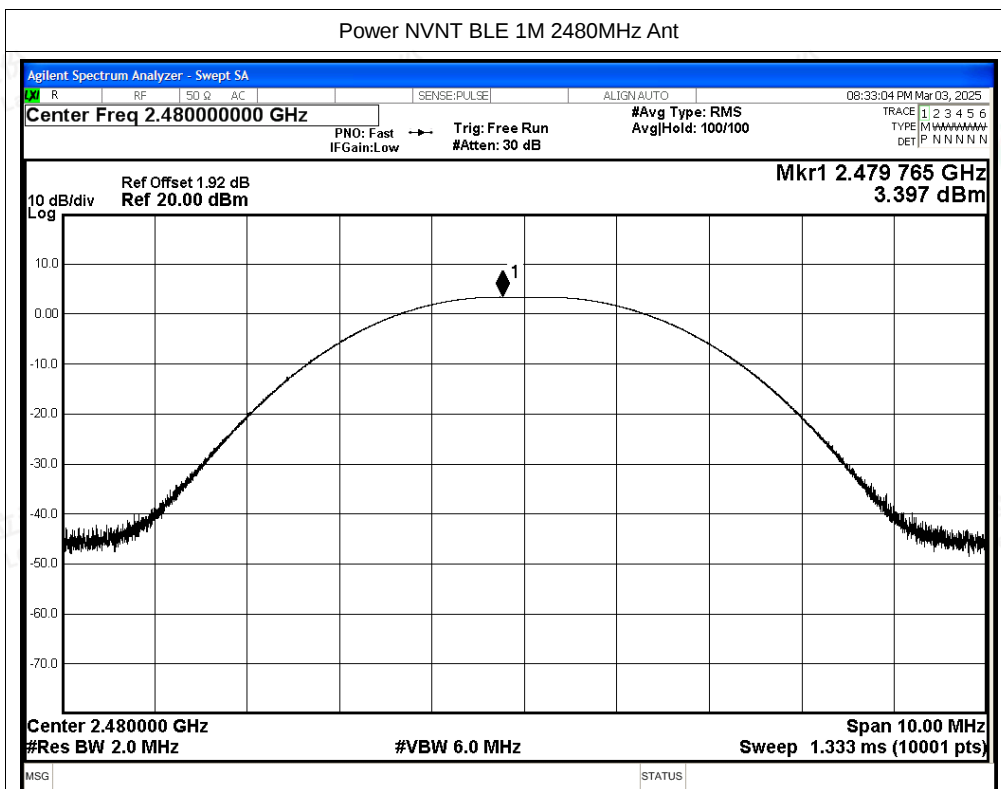


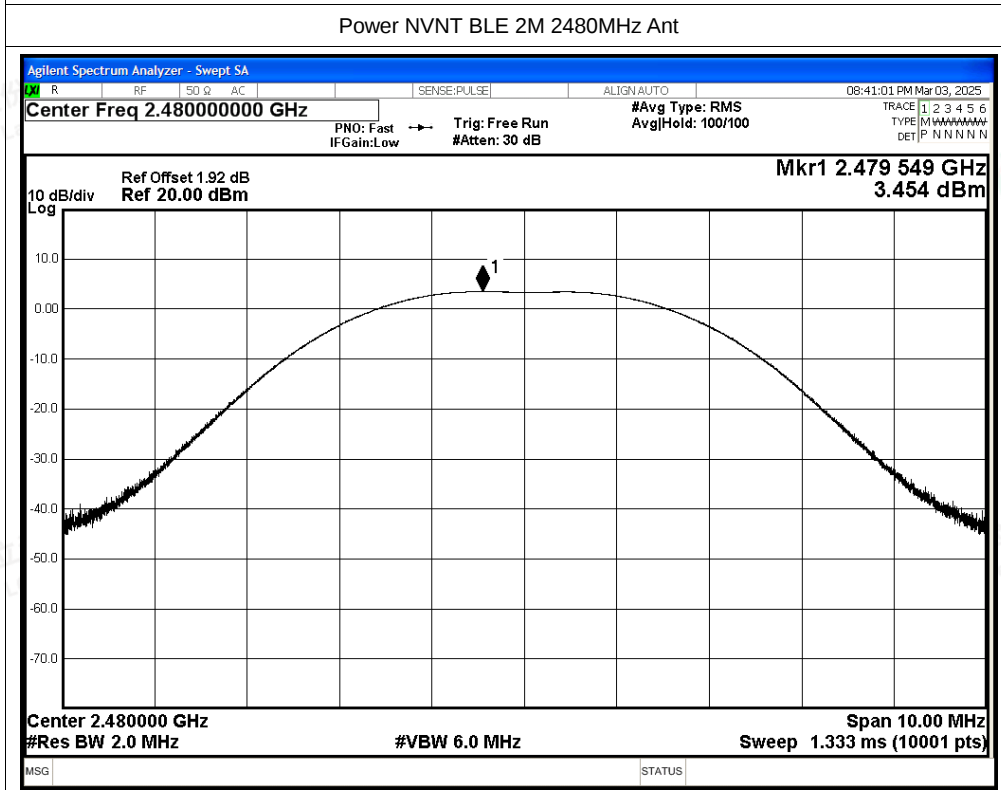
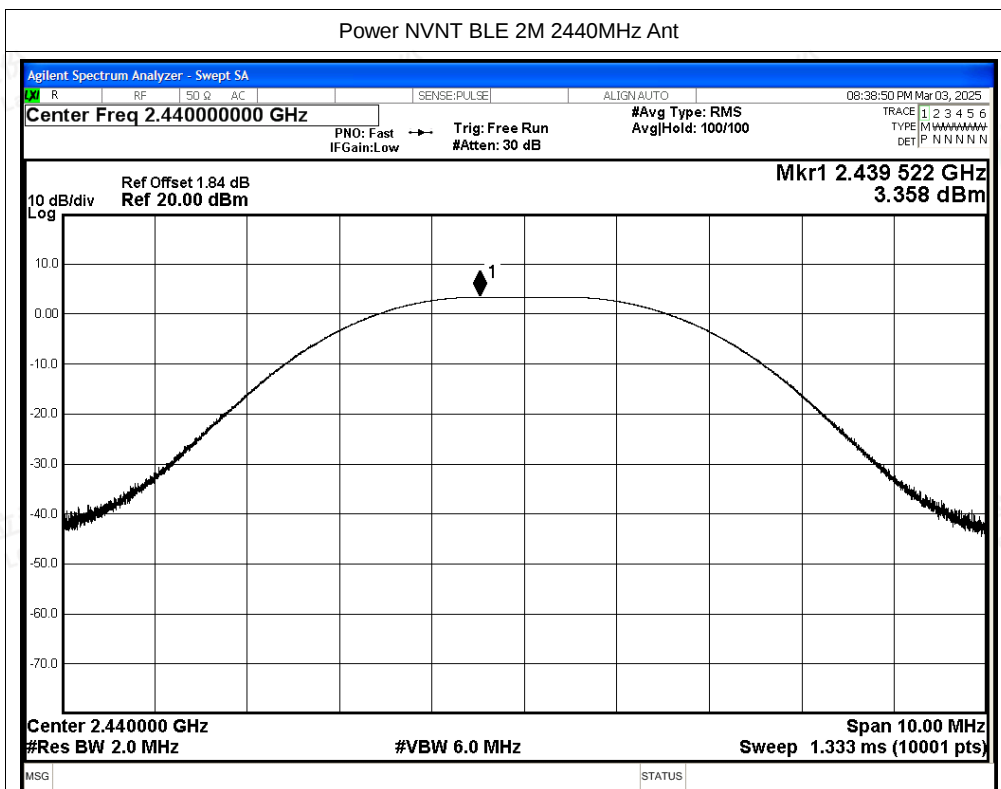
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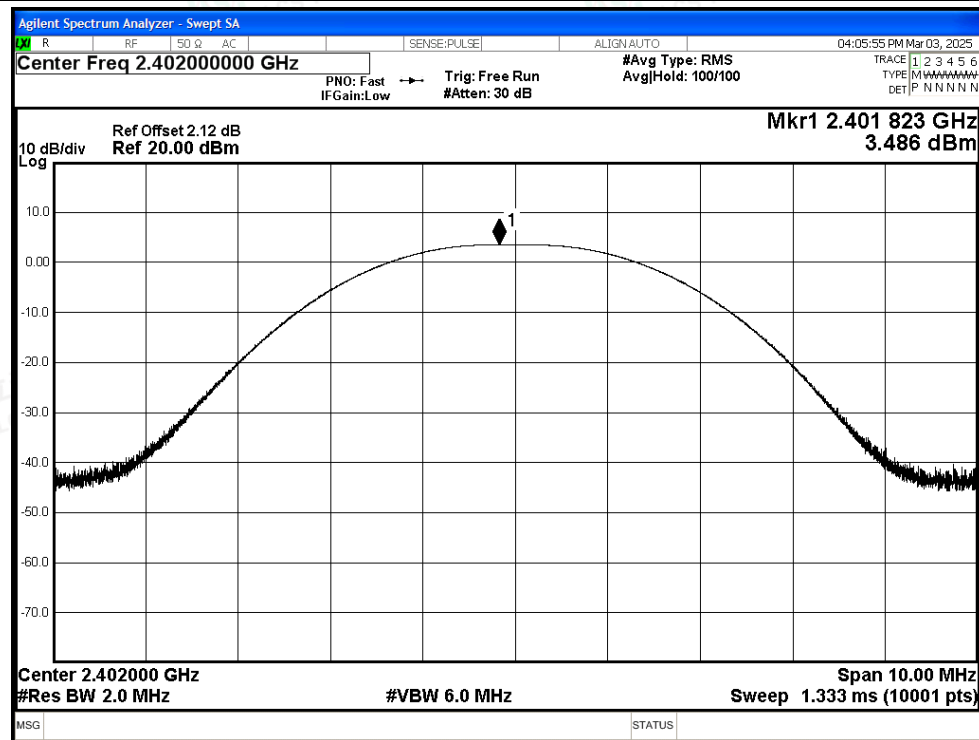
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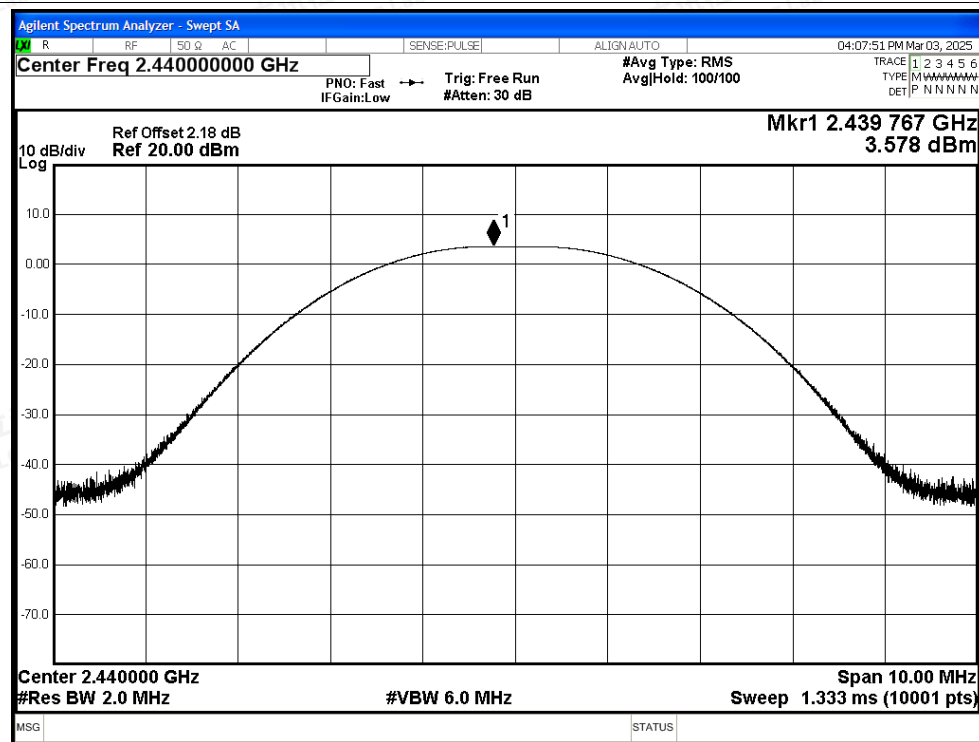


Test Graphs

Power NVNT BLE 125Kbps 2402MHz Ant



Power NVNT BLE 125Kbps 2440MHz Ant

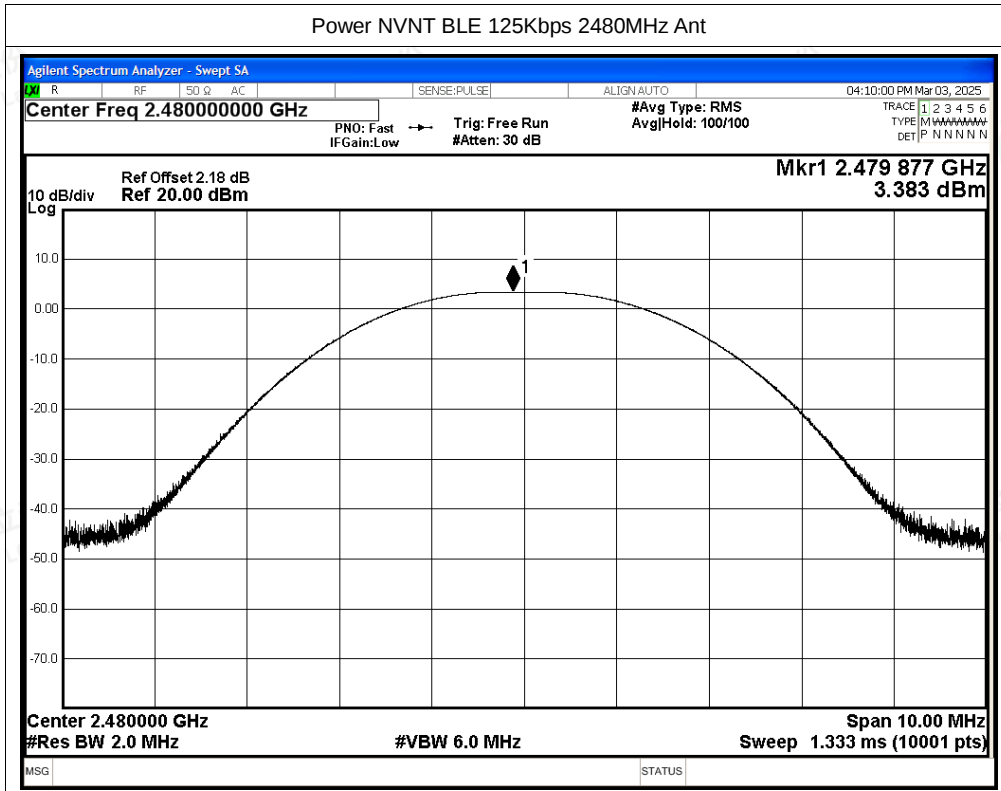


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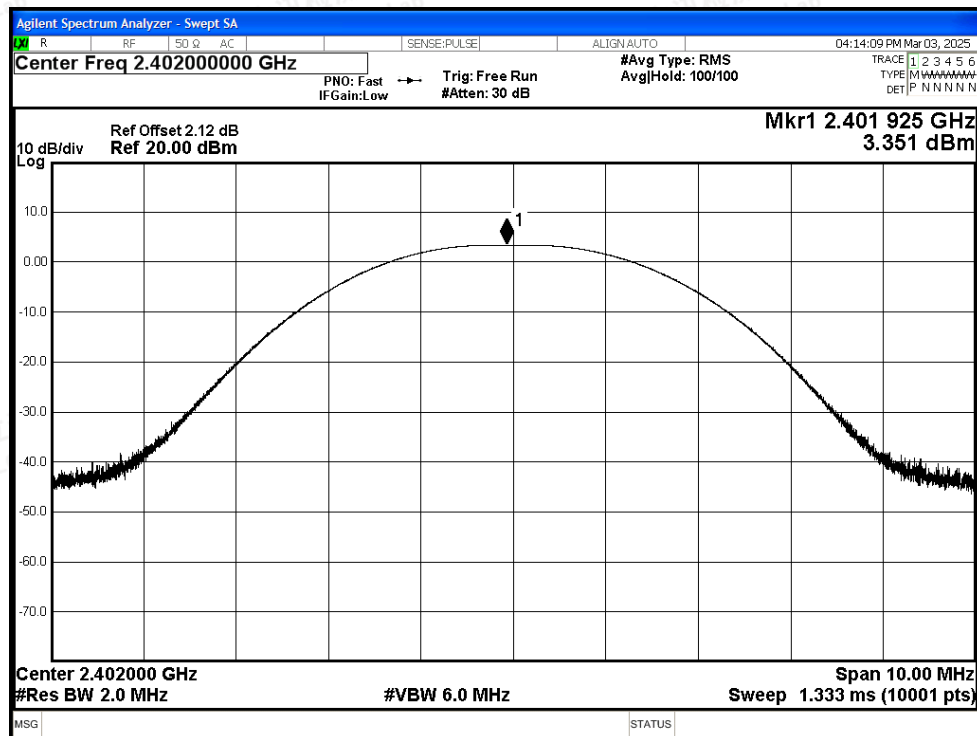
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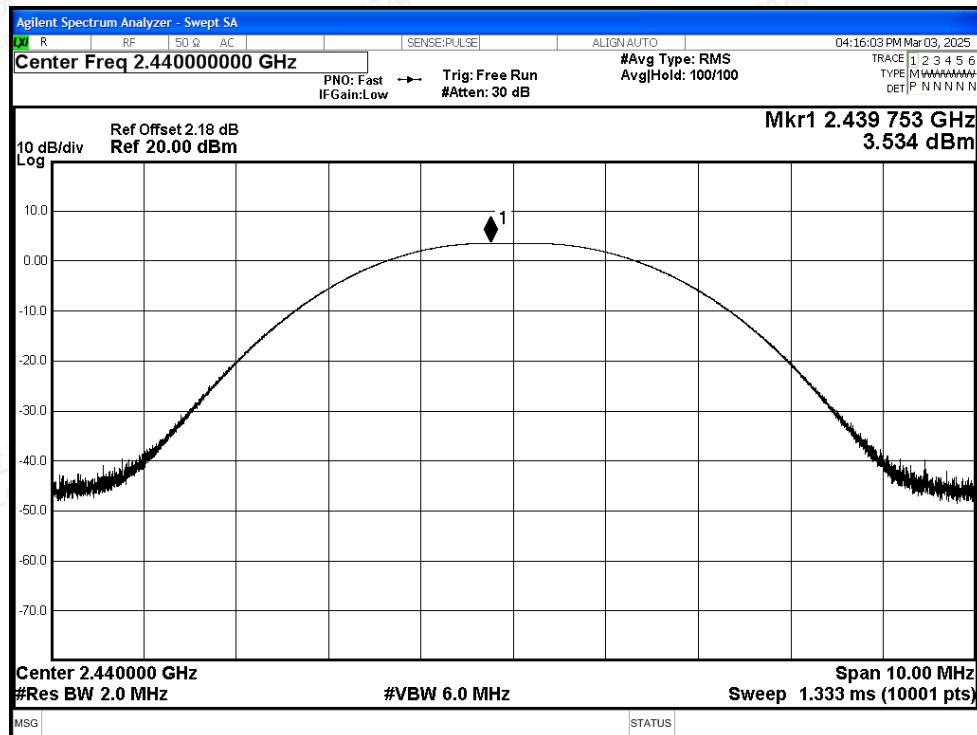


Test Graphs

Power NVNT BLE 500Kbps 2402MHz Ant



Power NVNT BLE 500Kbps 2440MHz Ant

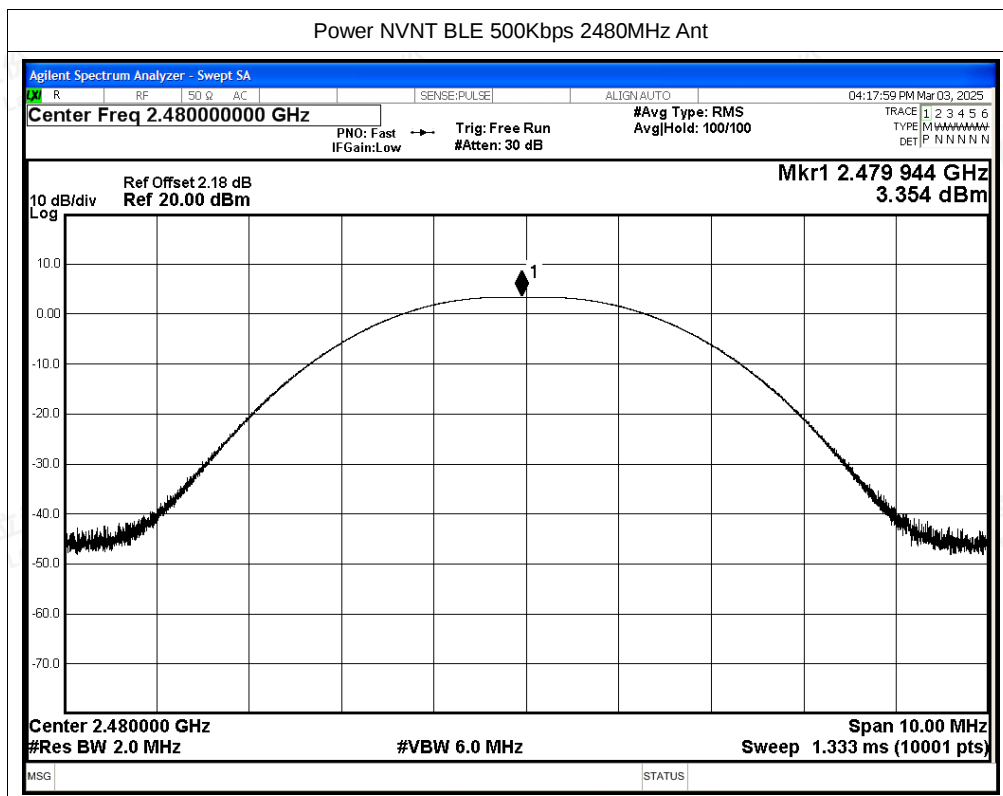


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A.3 Maximum Power Spectral Density Level

Condition	Mode	Frequency (MHz)	Antenna	Conducted PSD (dBm/3kHz)	Limit (dBm/3kHz)	Verdict
NVNT	BLE 1M	2402	Ant	-10.07	8	Pass
NVNT	BLE 1M	2440	Ant	-9.77	8	Pass
NVNT	BLE 1M	2480	Ant	-10.29	8	Pass
NVNT	BLE 2M	2402	Ant	-12.41	8	Pass
NVNT	BLE 2M	2440	Ant	-12.83	8	Pass
NVNT	BLE 2M	2480	Ant	-12.42	8	Pass
NVNT	BLE 125Kbps	2402	Ant	-2.61	8	Pass
NVNT	BLE 125Kbps	2440	Ant	-2.32	8	Pass
NVNT	BLE 125Kbps	2480	Ant	-2.81	8	Pass
NVNT	BLE 500Kbps	2402	Ant	-10.43	8	Pass
NVNT	BLE 500Kbps	2440	Ant	-9.81	8	Pass
NVNT	BLE 500Kbps	2480	Ant	-10.85	8	Pass



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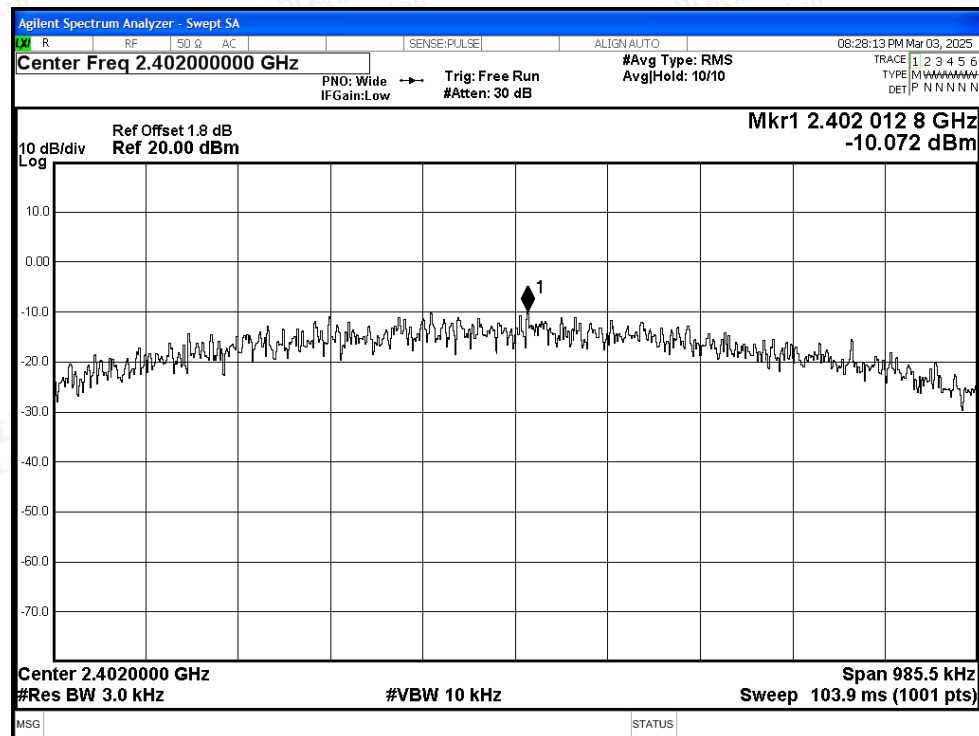
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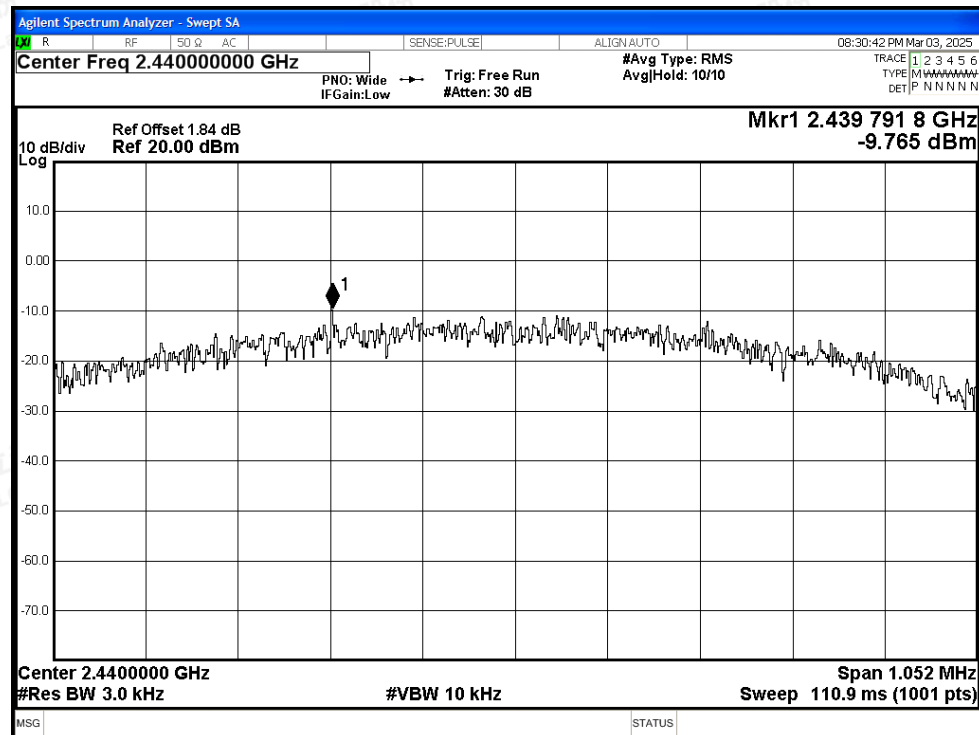


Test Graphs

PSD NVNT BLE 1M 2402MHz Ant



PSD NVNT BLE 1M 2440MHz Ant

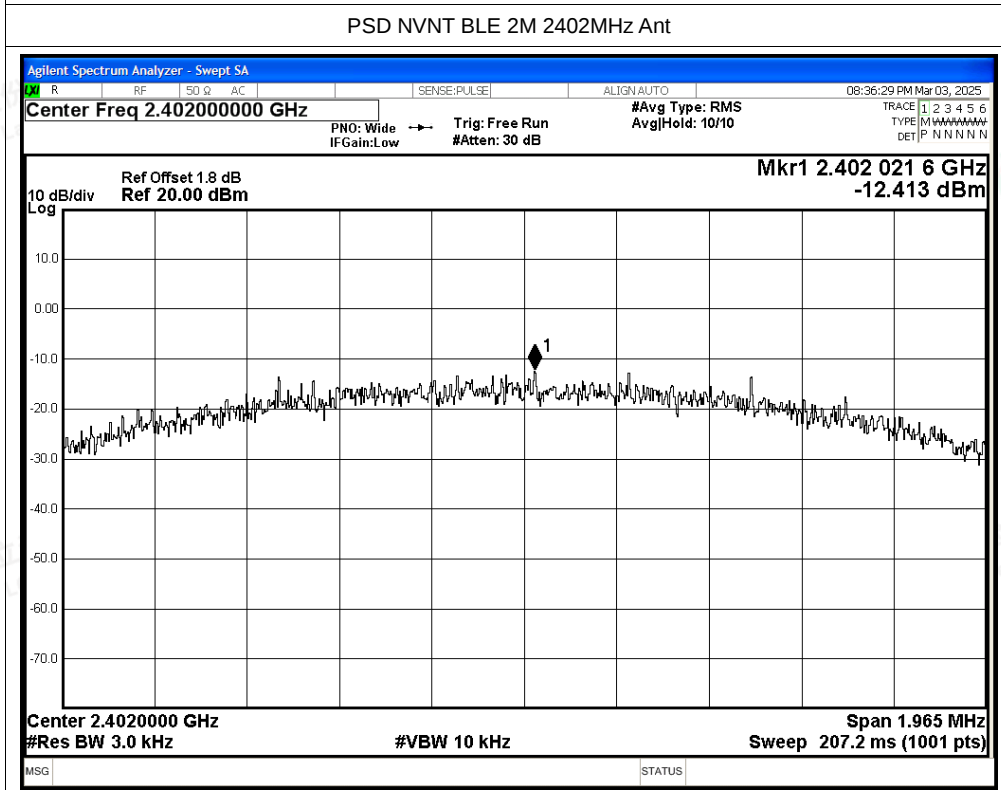
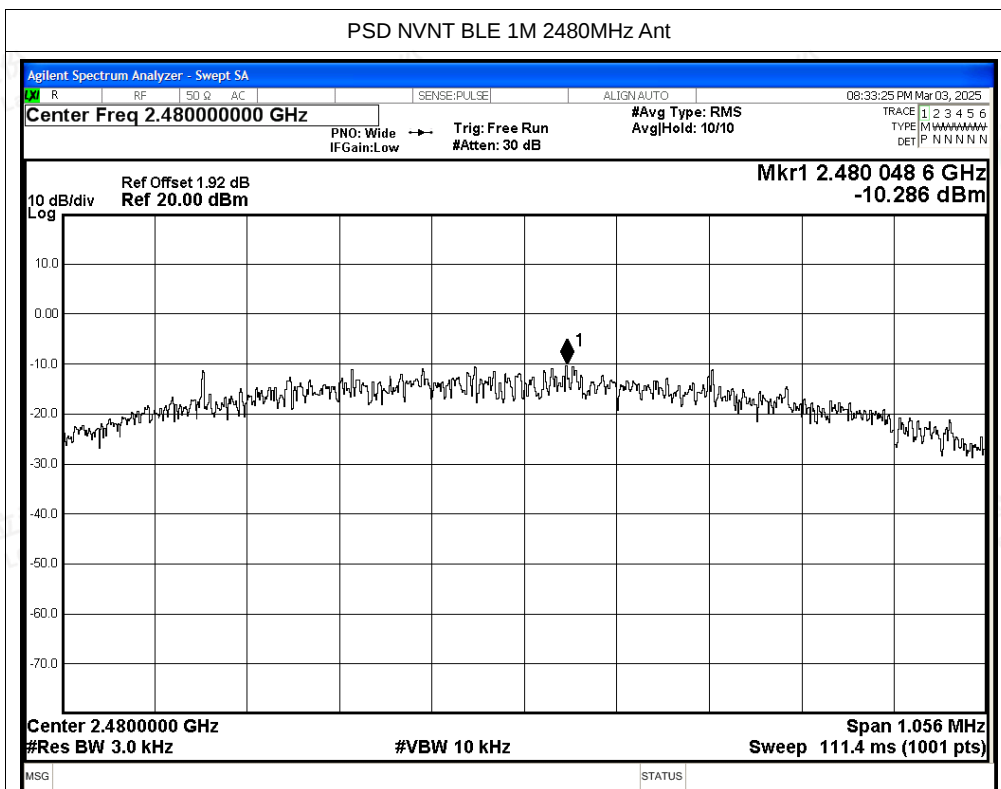


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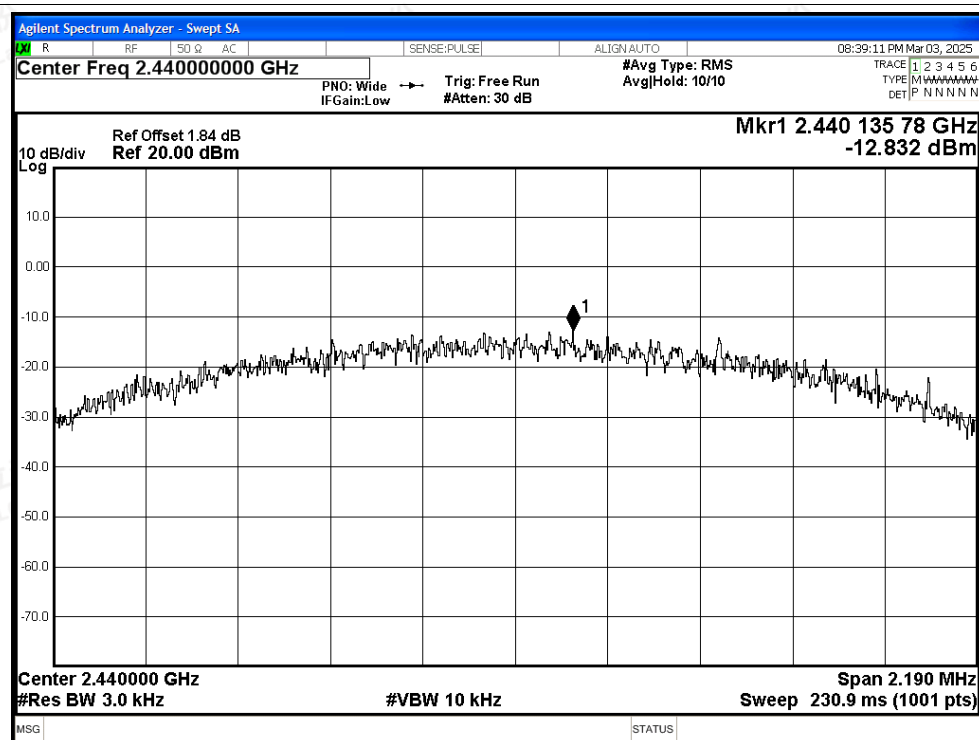
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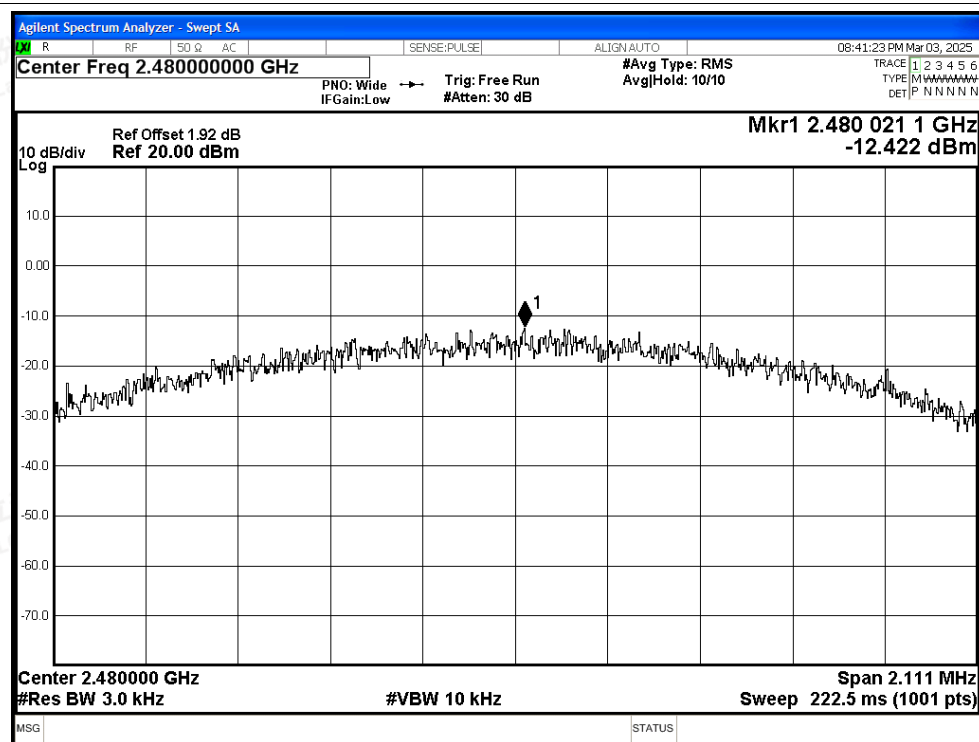
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PSD NVNT BLE 2M 2440MHz Ant



PSD NVNT BLE 2M 2480MHz Ant



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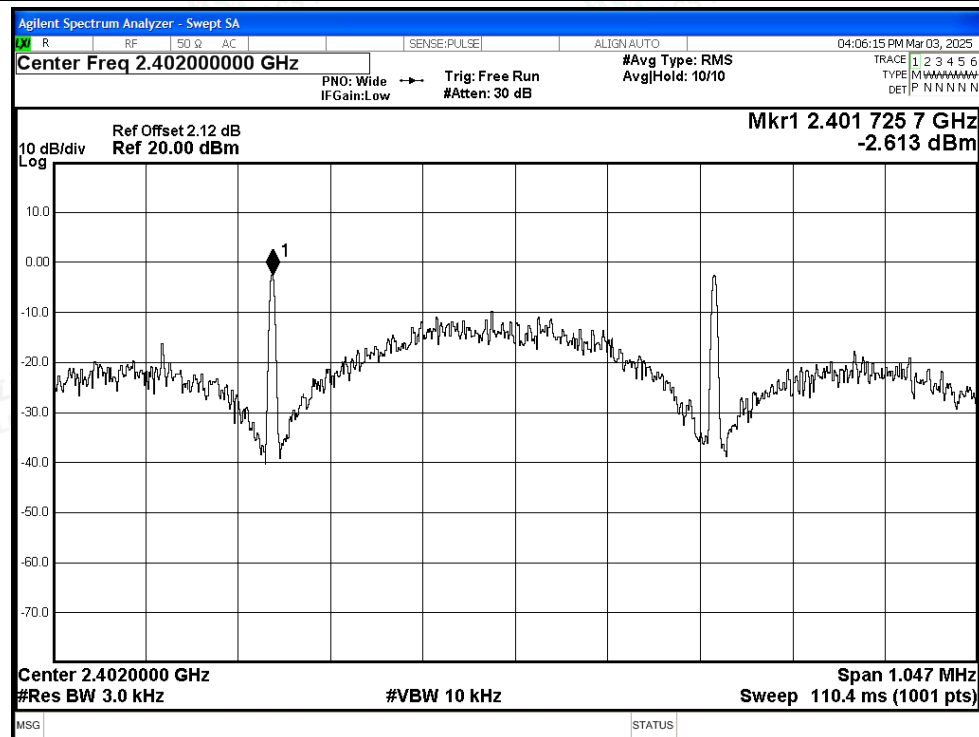
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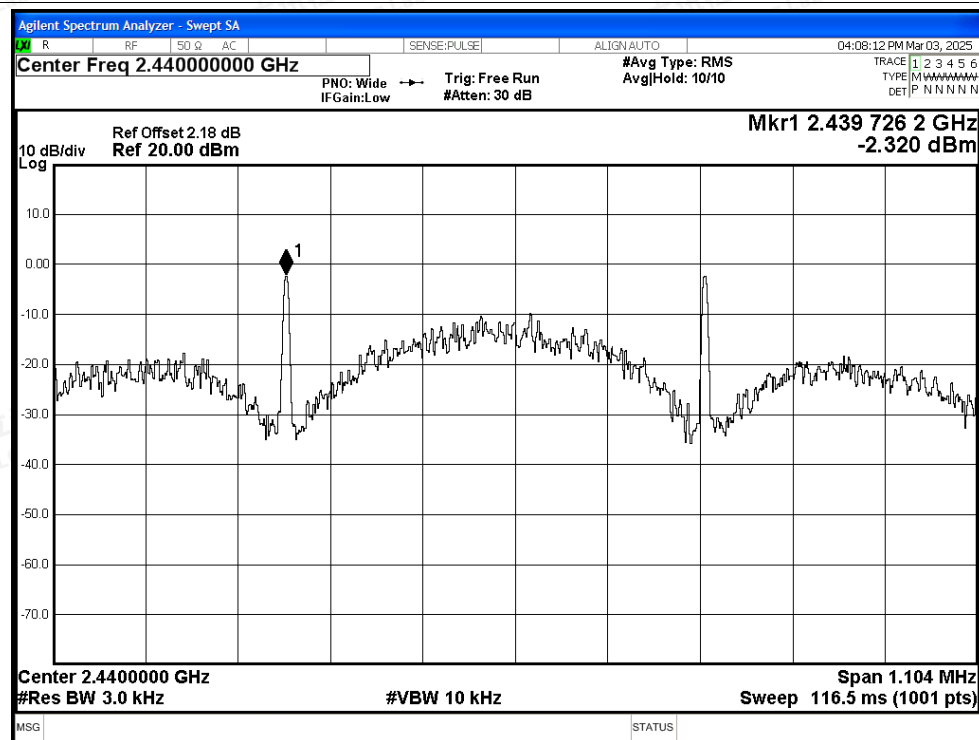


Test Graphs

PSD NVNT BLE 125Kbps 2402MHz Ant



PSD NVNT BLE 125Kbps 2440MHz Ant

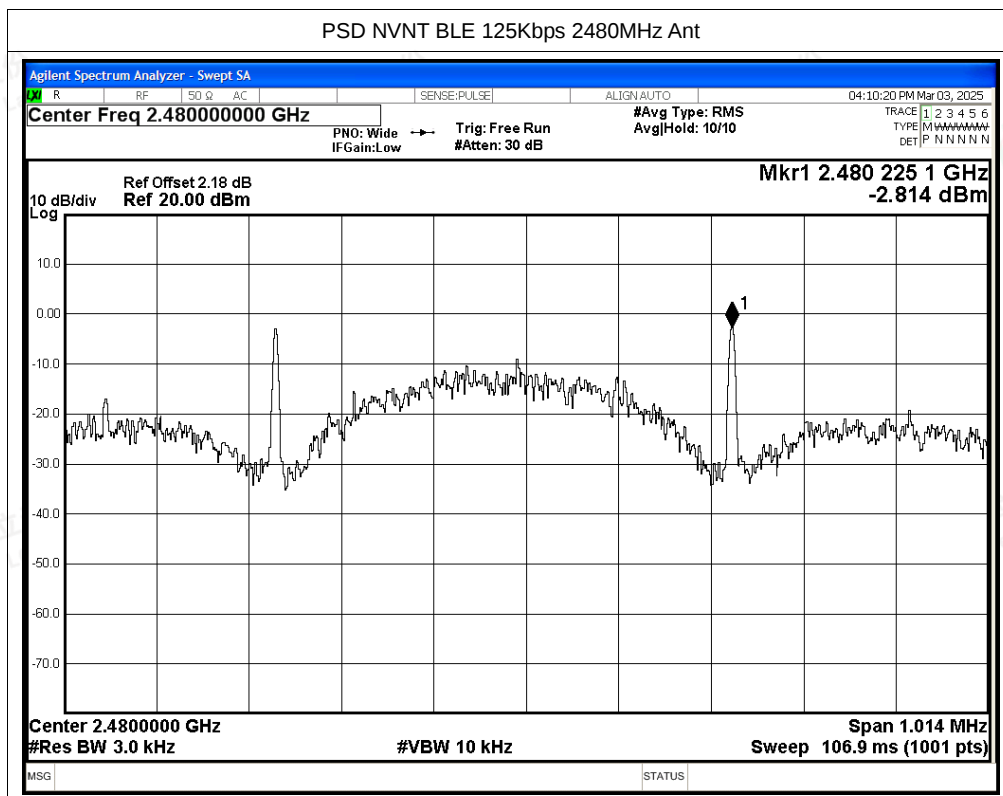


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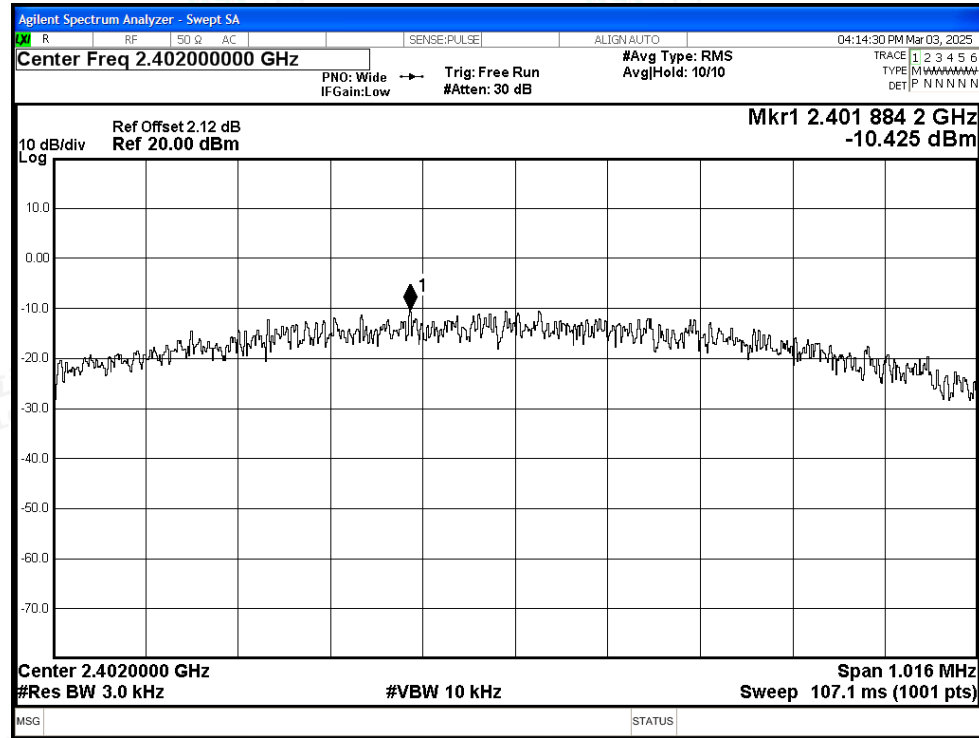
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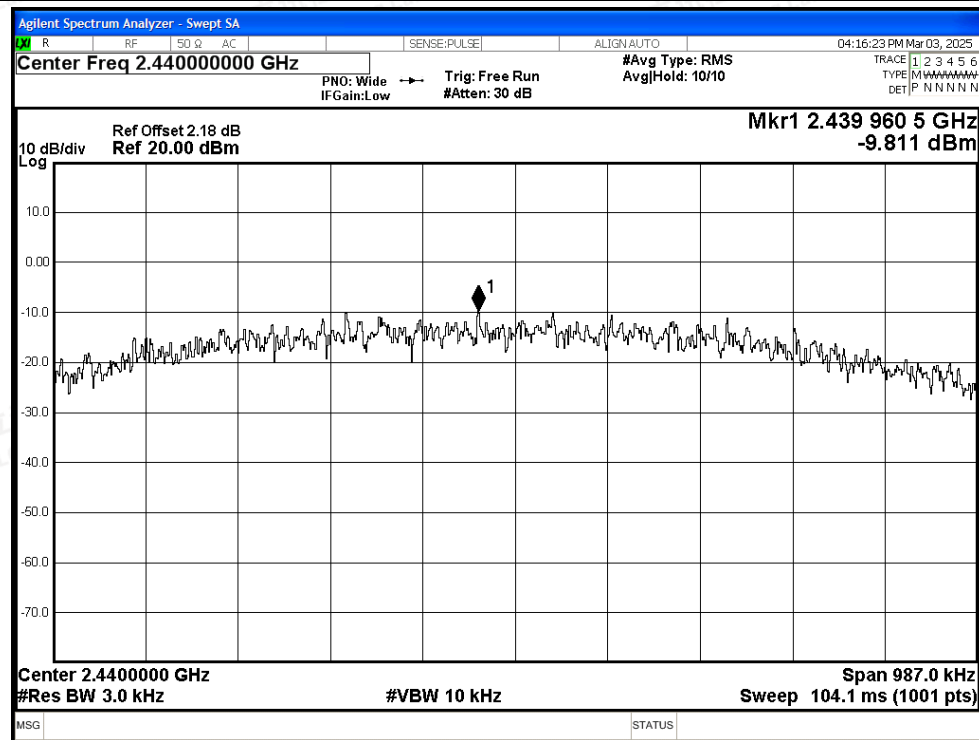


Test Graphs

PSD NVNT BLE 500Kbps 2402MHz Ant



PSD NVNT BLE 500Kbps 2440MHz Ant

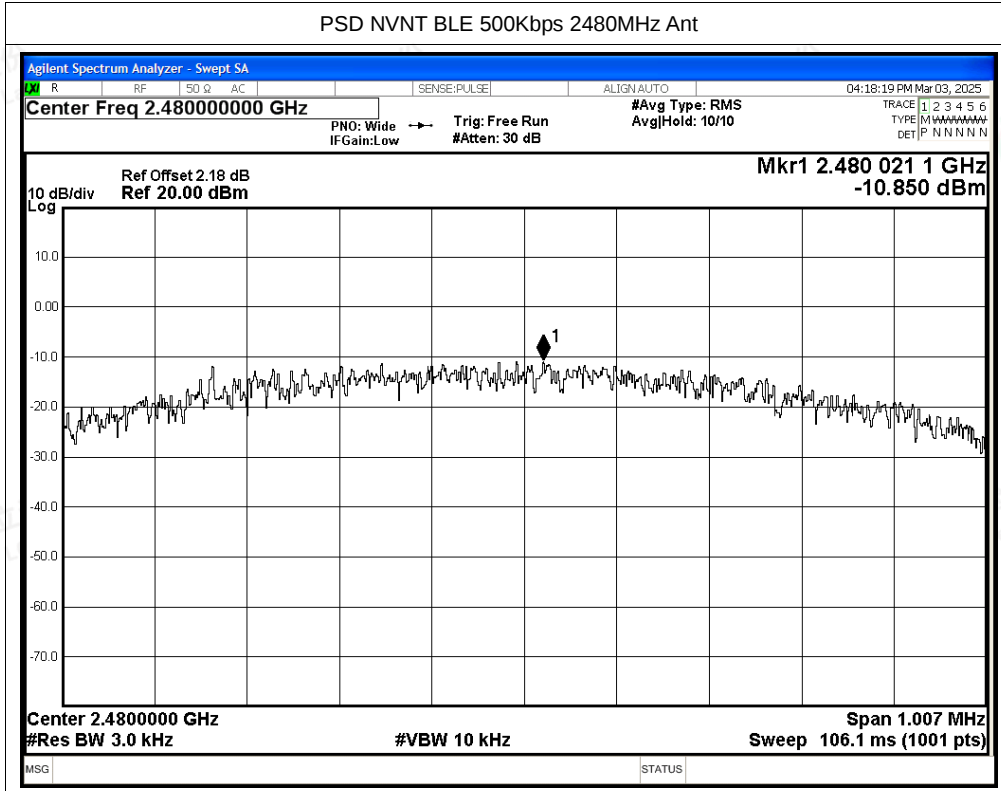


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A.4 Band Edge

Condition	Mode	Frequency (MHz)	Antenna	Max Value (dBc)	Limit (dBc)	Verdict
NVNT	BLE 1M	2402	Ant	-47.47	-20	Pass
NVNT	BLE 1M	2480	Ant	-58.65	-20	Pass
NVNT	BLE 2M	2402	Ant	-32.33	-20	Pass
NVNT	BLE 2M	2480	Ant	-55.41	-20	Pass
NVNT	BLE 125Kbps	2402	Ant	-44.89	-20	Pass
NVNT	BLE 125Kbps	2480	Ant	-56.92	-20	Pass
NVNT	BLE 500Kbps	2402	Ant	-45.21	-20	Pass
NVNT	BLE 500Kbps	2480	Ant	-59.01	-20	Pass



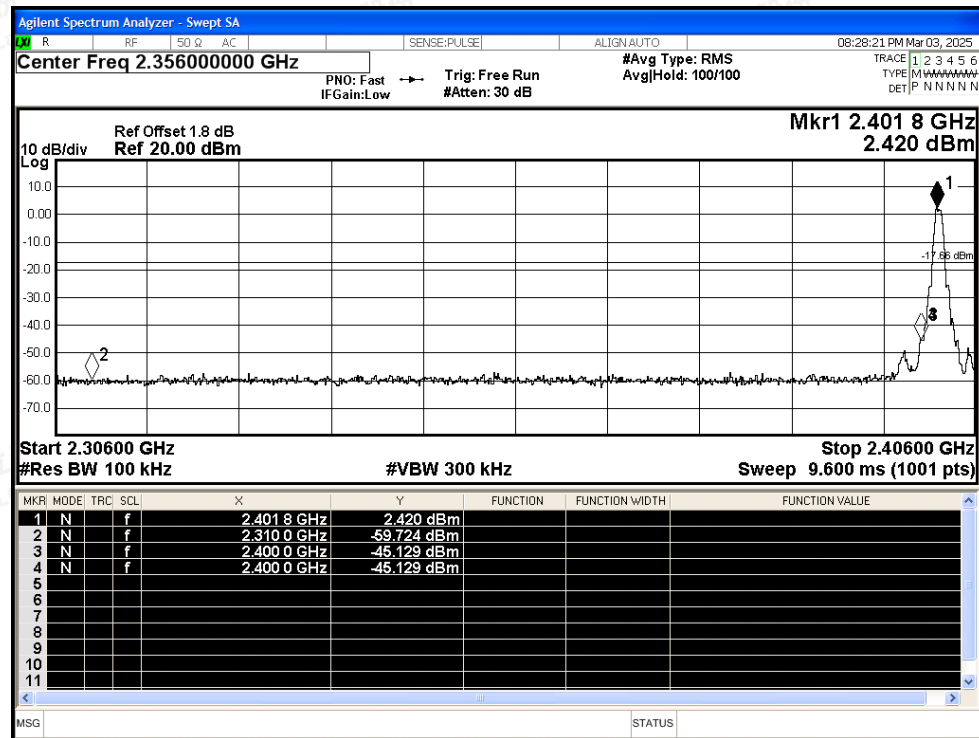


Test Graphs

Band Edge NVNT BLE 1M 2402MHz Ant Ref



Band Edge NVNT BLE 1M 2402MHz Ant Emission



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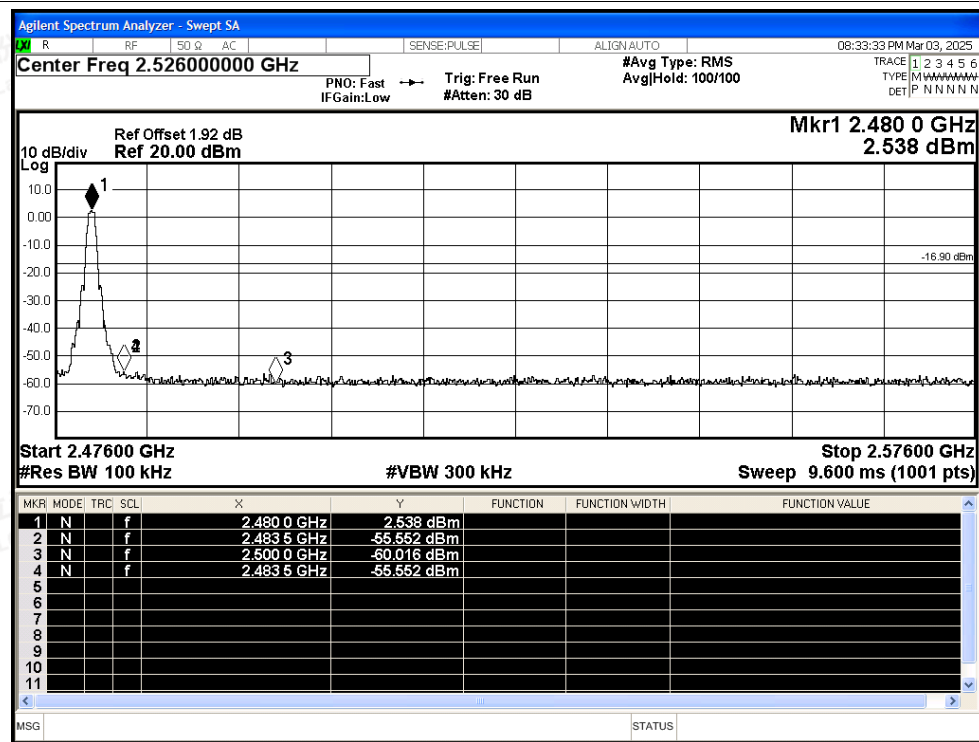
Scan code to check authenticity



Band Edge NVNT BLE 1M 2480MHz Ant Ref



Band Edge NVNT BLE 1M 2480MHz Ant Emission



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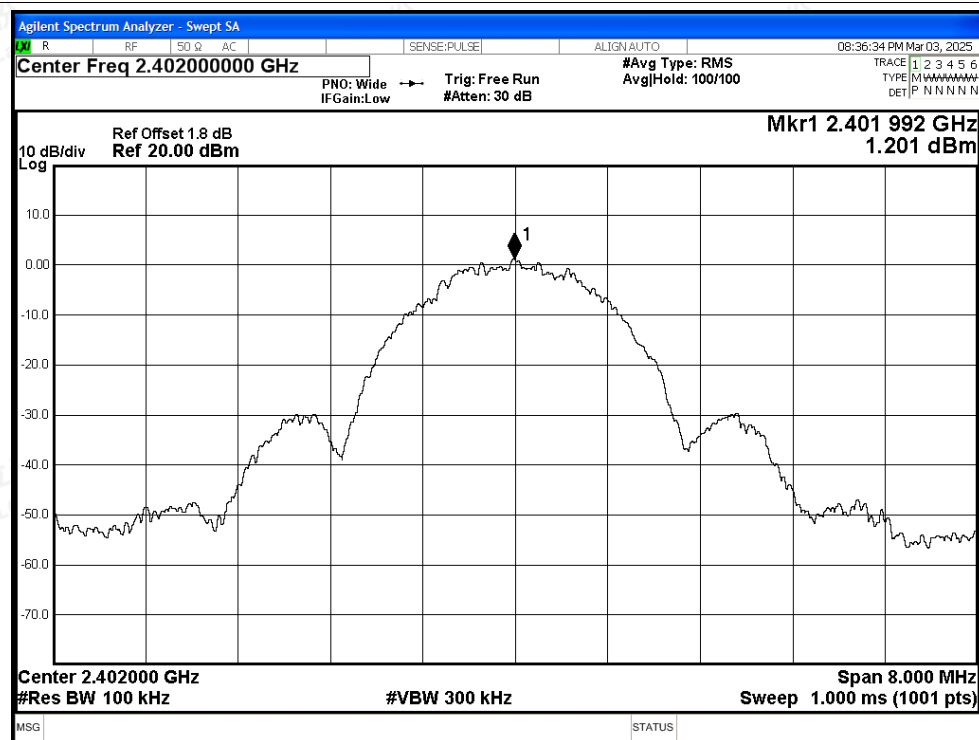
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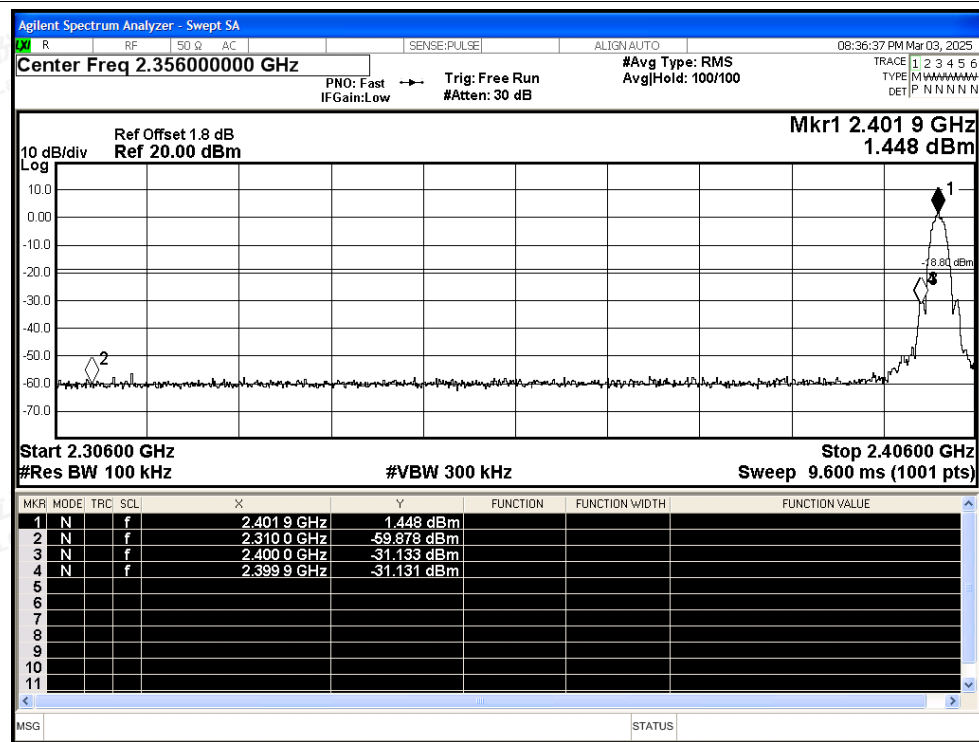
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Band Edge NVNT BLE 2M 2402MHz Ant Ref



Band Edge NVNT BLE 2M 2402MHz Ant Emission



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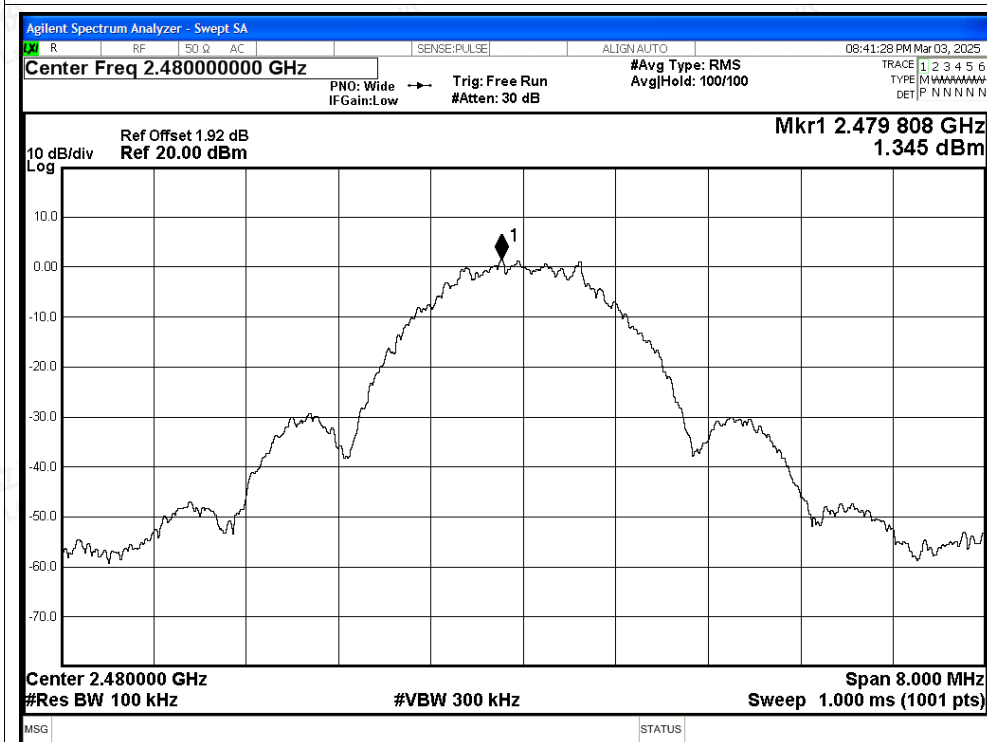
Add: 101, 201 Bldg A & 301 Bldg C, Juji Industrial Park Yabianxueziwei, Shajing Street, Baoan District, Shenzhen, 518000, China

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

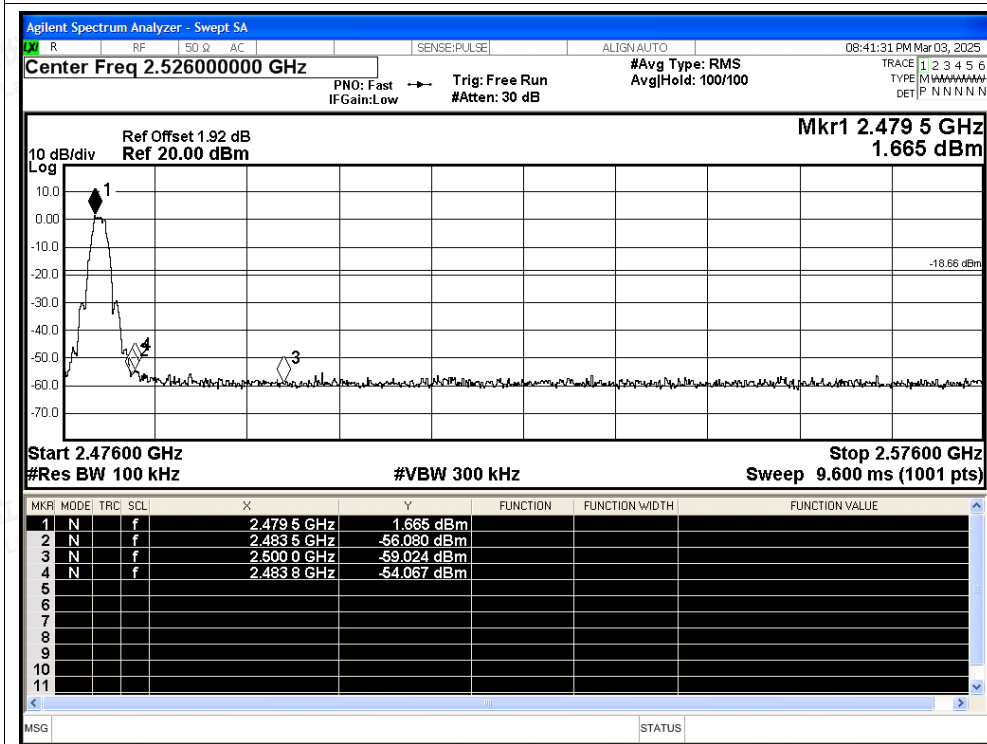
Scan code to check authenticity



Band Edge NVNT BLE 2M 2480MHz Ant Ref



Band Edge NVNT BLE 2M 2480MHz Ant 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

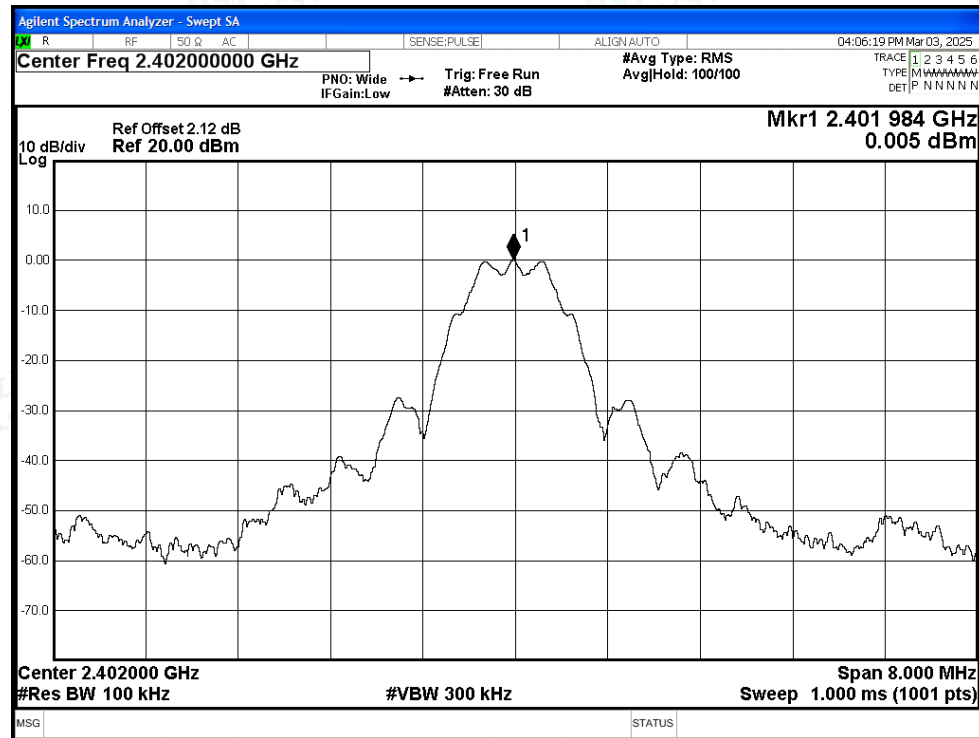
Tel: +(86) 0755-82591330 | E-mail: webmaster@lcs-cert.com | Web: www.lcs-cert.com

Scan code to check authenticity

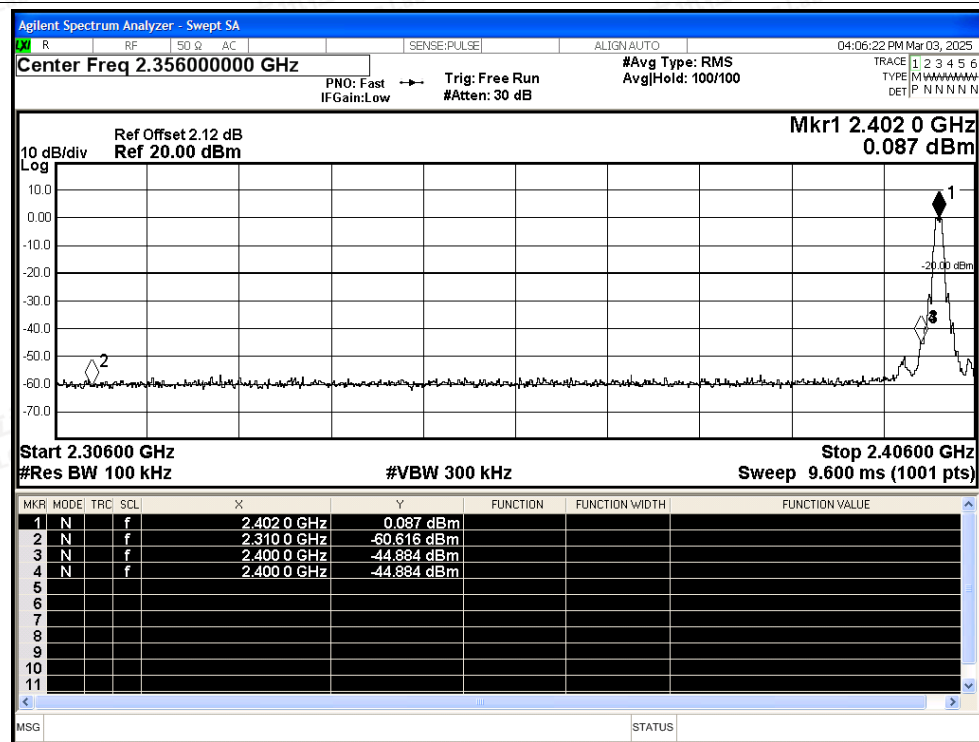


Test Graphs

Band Edge NVNT BLE 125Kbps 2402MHz Ant Ref



Band Edge NVNT BLE 125Kbps 2402MHz Ant 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

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

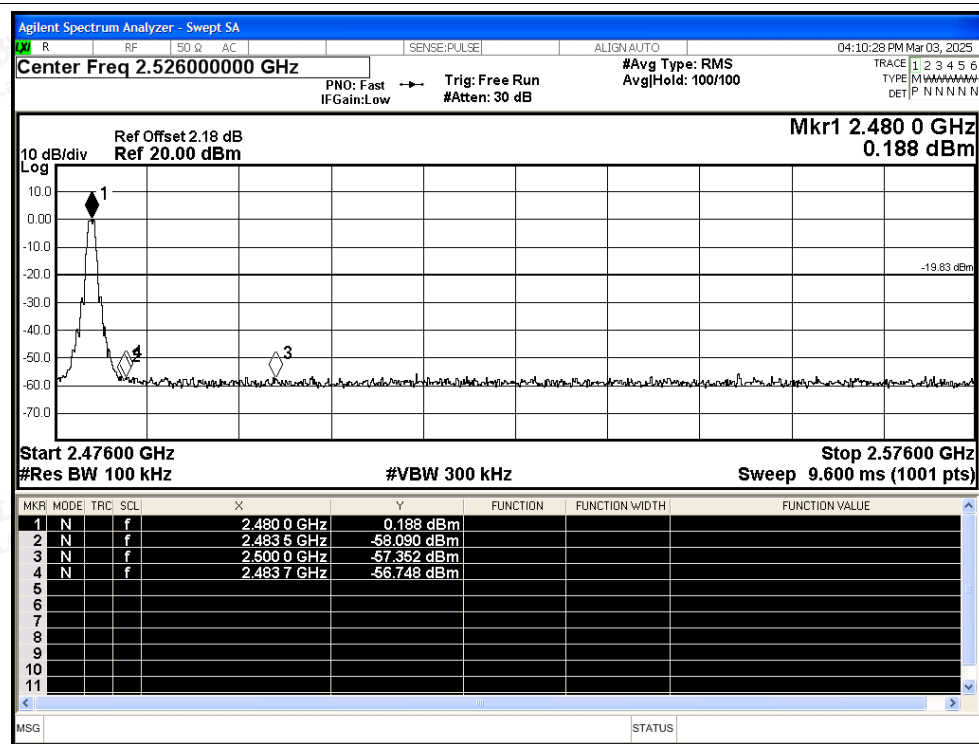
Scan code to check authenticity



Band Edge NVNT BLE 125Kbps 2480MHz Ant Ref



Band Edge NVNT BLE 125Kbps 2480MHz Ant 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

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

Scan code to check authenticity

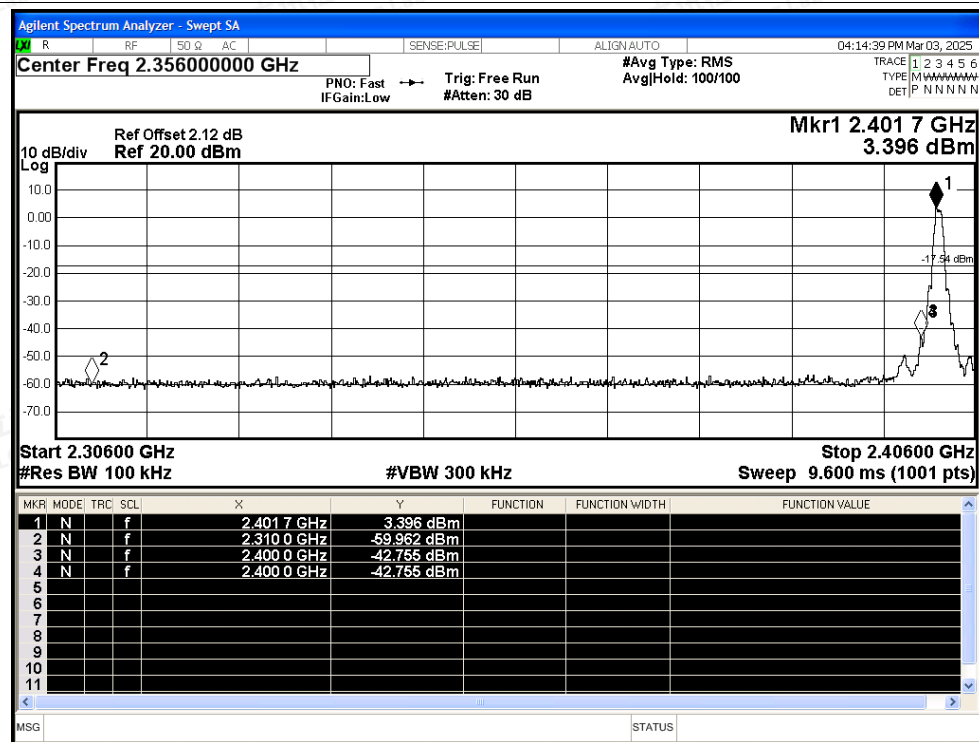


Test Graphs

Band Edge NVNT BLE 500Kbps 2402MHz Ant Ref



Band Edge NVNT BLE 500Kbps 2402MHz Ant Emission



Shenzhen LCS Compliance Testing Laboratory Ltd.

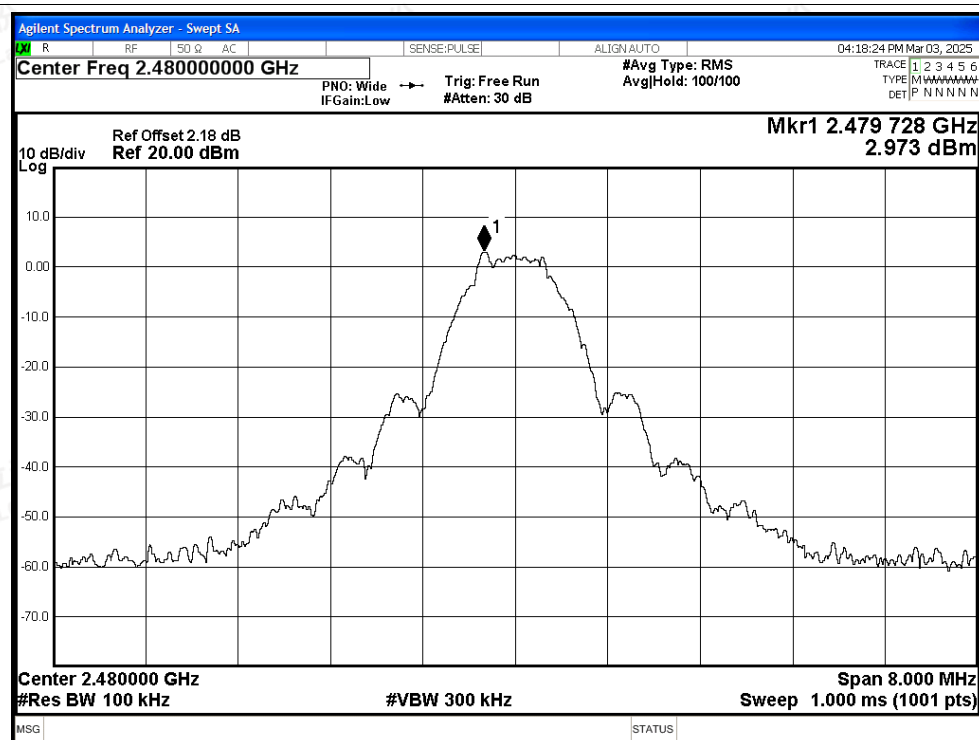
Add: 101, 201 Bldg A & 301 Bldg C, Juji Industrial Park Yabianxueziwei, Shajing Street, Baoan District, Shenzhen, 518000, China

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

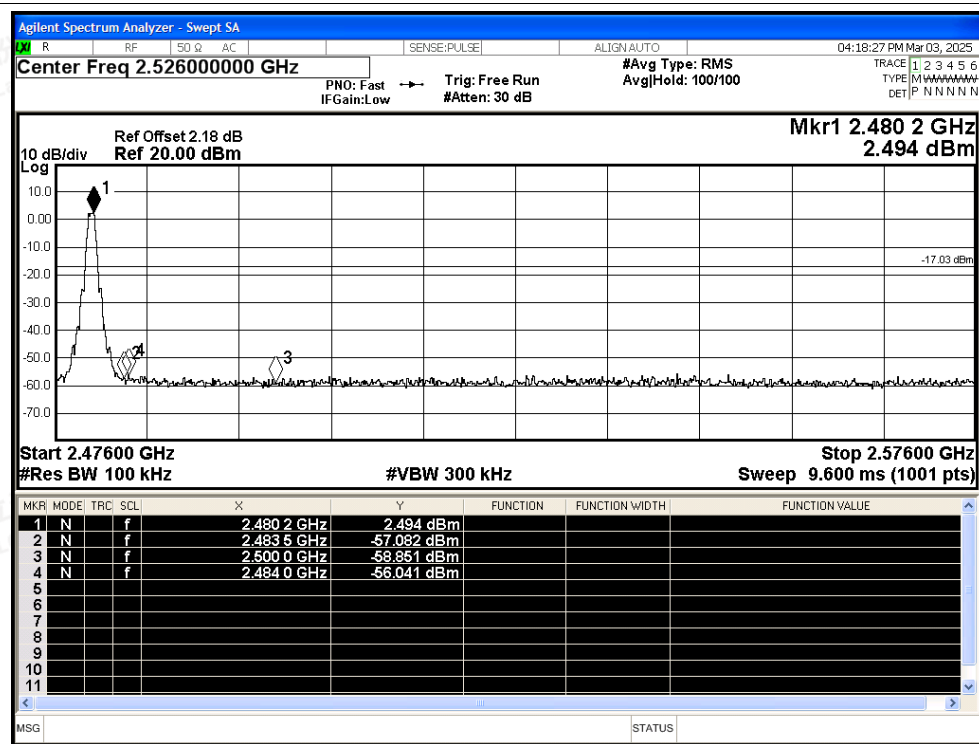
Scan code to check authenticity



Band Edge NVNT BLE 500Kbps 2480MHz Ant Ref



Band Edge NVNT BLE 500Kbps 2480MHz Ant Emission



Shenzhen LCS Compliance Testing Laboratory Ltd.

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Scan code to check authenticity



A.5 Conducted RF Spurious Emission

Condition	Mode	Frequency (MHz)	Antenna	Max Value (dBc)	Limit (dBc)	Verdict
NVNT	BLE 1M	2402	Ant	-45.13	-20	Pass
NVNT	BLE 1M	2440	Ant	-45.26	-20	Pass
NVNT	BLE 1M	2480	Ant	-48.44	-20	Pass
NVNT	BLE 2M	2402	Ant	-44.49	-20	Pass
NVNT	BLE 2M	2440	Ant	-47.52	-20	Pass
NVNT	BLE 2M	2480	Ant	-48.97	-20	Pass
NVNT	BLE 125Kbps	2402	Ant	-47.36	-20	Pass
NVNT	BLE 125Kbps	2440	Ant	-48.7	-20	Pass
NVNT	BLE 125Kbps	2480	Ant	-46.19	-20	Pass
NVNT	BLE 500Kbps	2402	Ant	-47.91	-20	Pass
NVNT	BLE 500Kbps	2440	Ant	-48.74	-20	Pass
NVNT	BLE 500Kbps	2480	Ant	-46.96	-20	Pass



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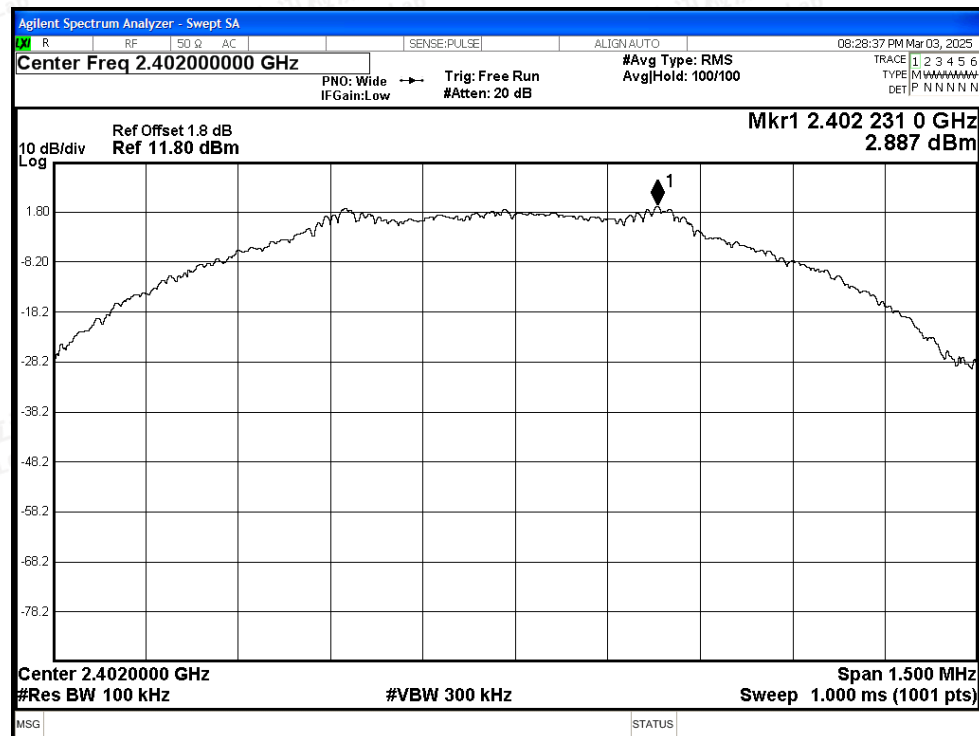
Tel: +(86) 0755-82591330 | E-mail: webmaster@lcs-cert.com | Web: www.lcs-cert.com

Scan code to check authenticity

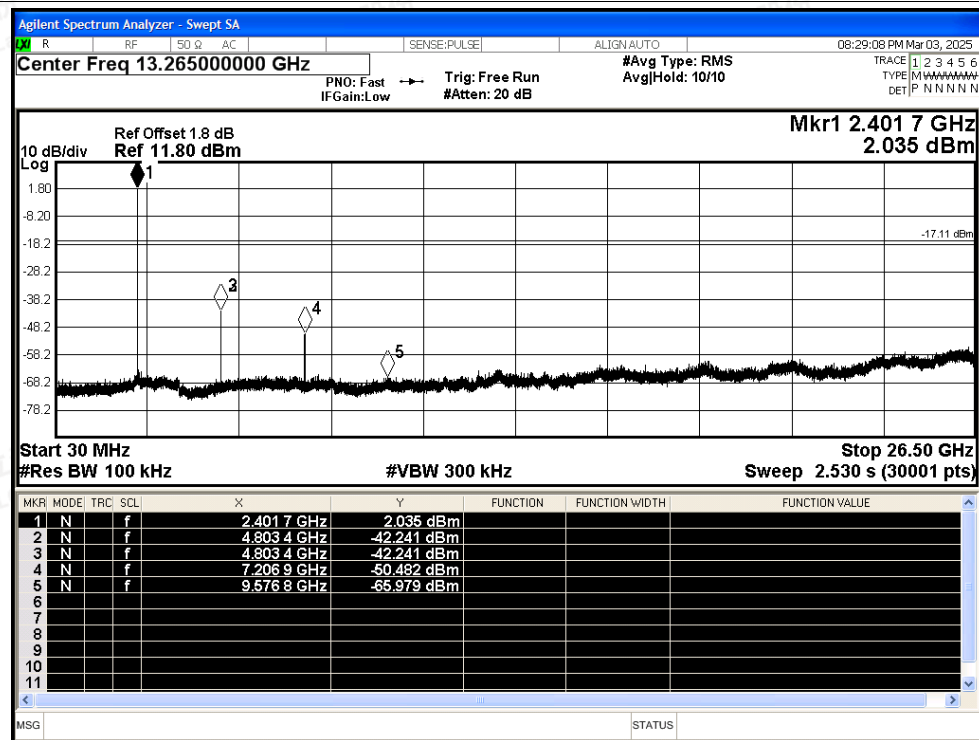


Test Graphs

Tx. Spurious NVNT BLE 1M 2402MHz Ant Ref



Tx. Spurious NVNT BLE 1M 2402MHz Ant Emission



Shenzhen LCS Compliance Testing Laboratory Ltd.

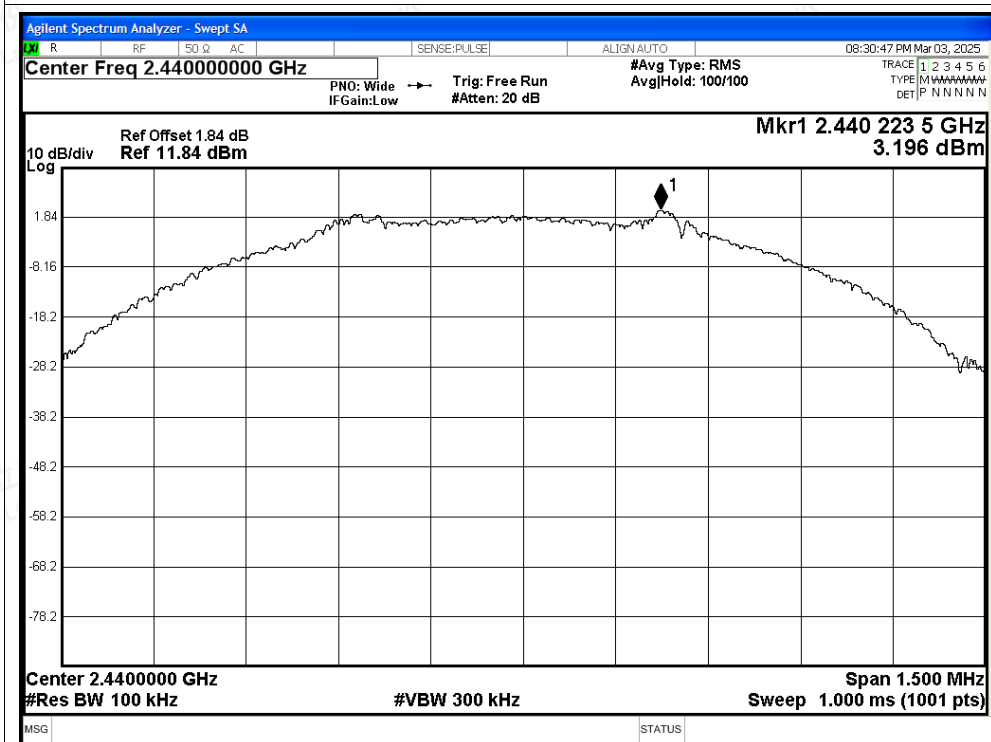
Add: 101, 201 Bldg A & 301 Bldg C, Juji Industrial Park Yabianxueziwei, Shajing Street, Baoan District, Shenzhen, 518000, China

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

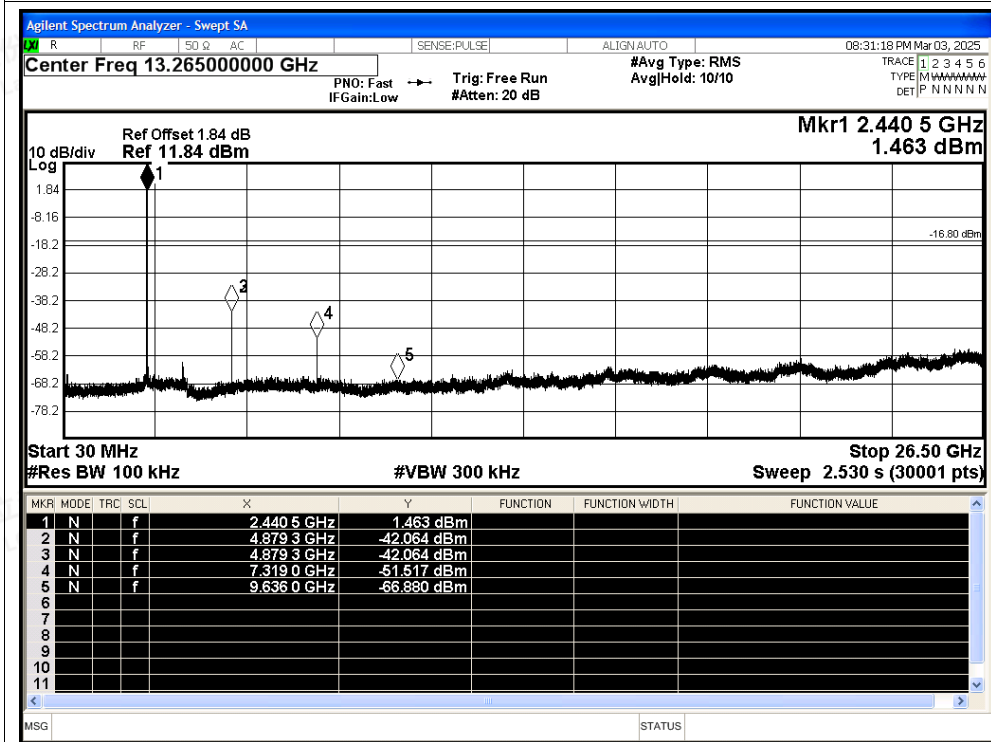
Scan code to check authenticity



Tx. Spurious NVNT BLE 1M 2440MHz Ant Ref



Tx. Spurious NVNT BLE 1M 2440MHz Ant Emission



Shenzhen LCS Compliance Testing Laboratory Ltd.

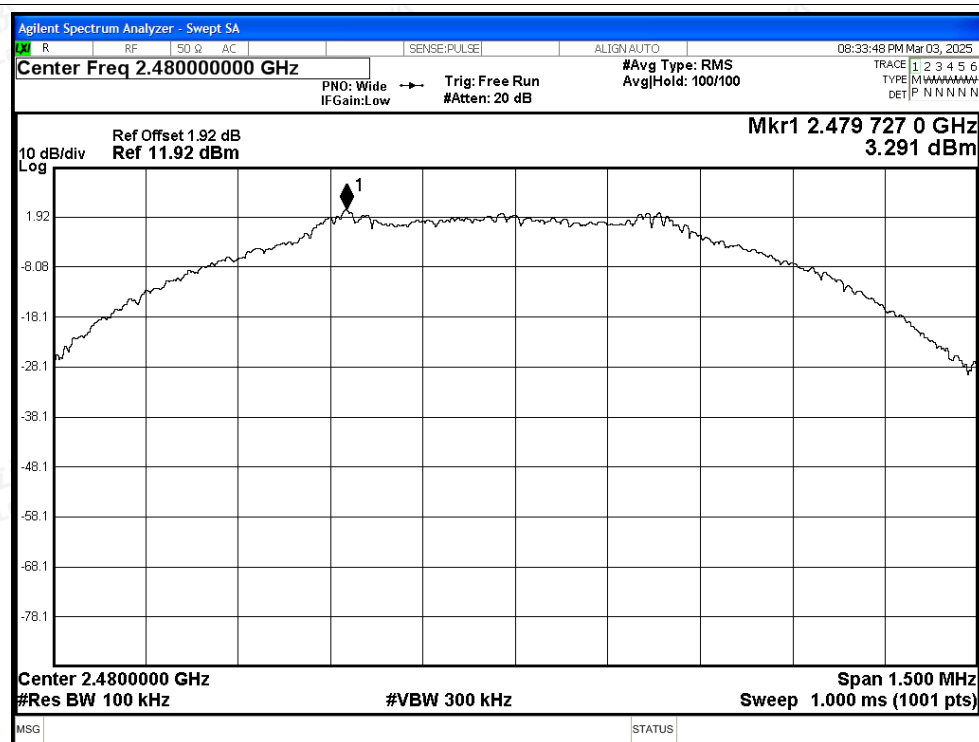
Add: 101, 201 Bldg A & 301 Bldg C, Juji Industrial Park Yabianxueziwei, Shajing Street, Baoan District, Shenzhen, 518000, China

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

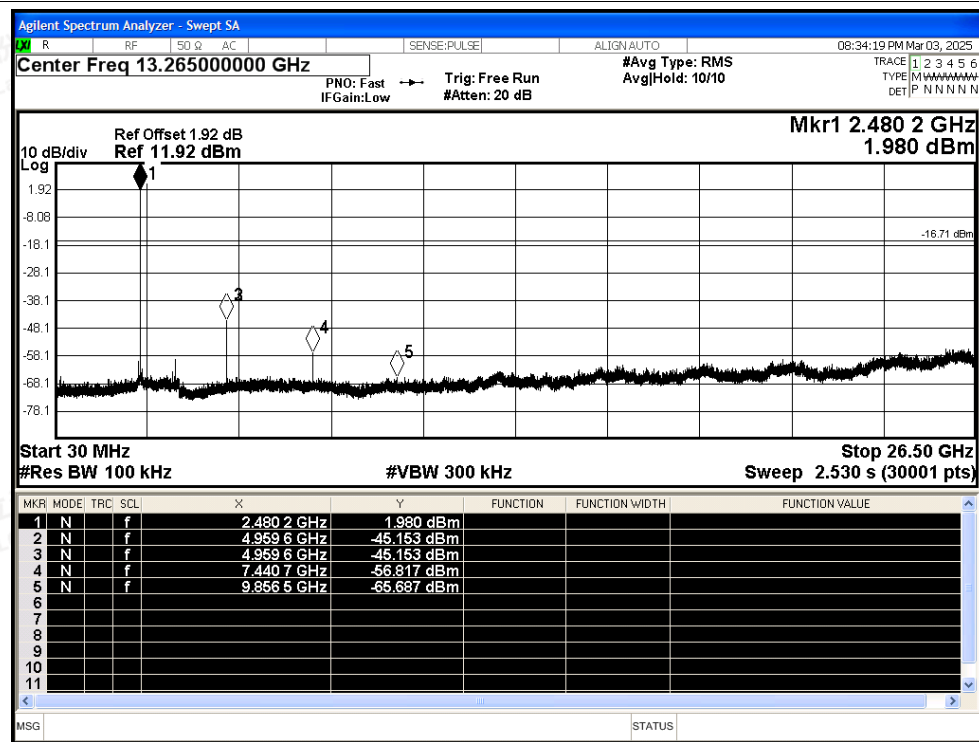
Scan code to check authenticity



Tx. Spurious NVNT BLE 1M 2480MHz Ant Ref



Tx. Spurious NVNT BLE 1M 2480MHz Ant Emission



Shenzhen LCS Compliance Testing Laboratory Ltd.

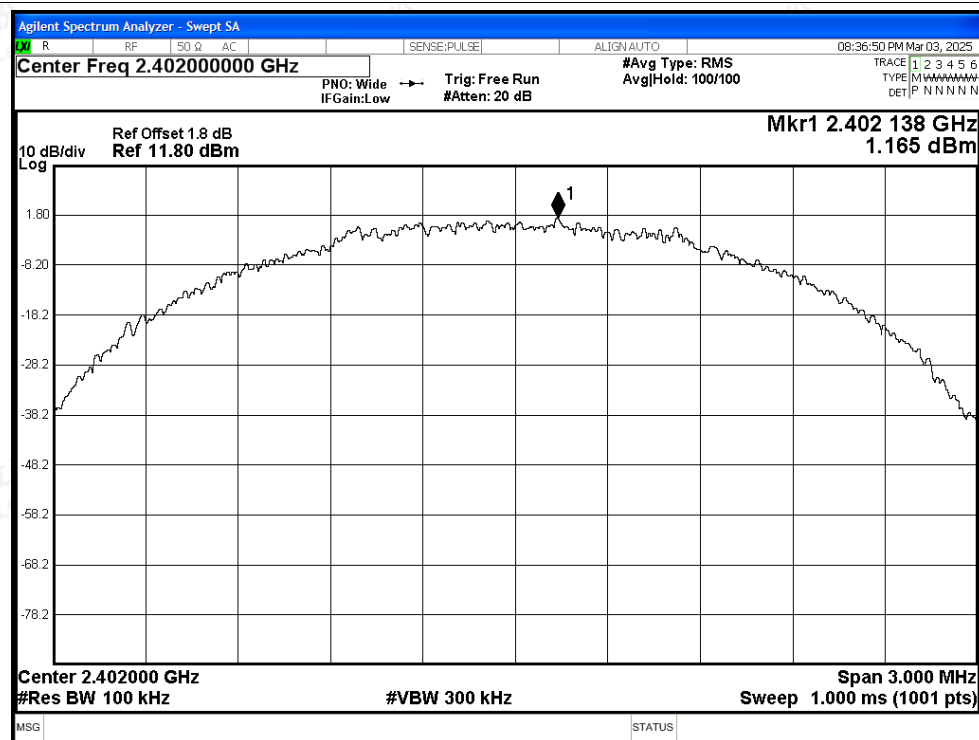
Add: 101, 201 Bldg A & 301 Bldg C, Juji Industrial Park Yabianxueziwei, Shajing Street, Baoan District, Shenzhen, 518000, China

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

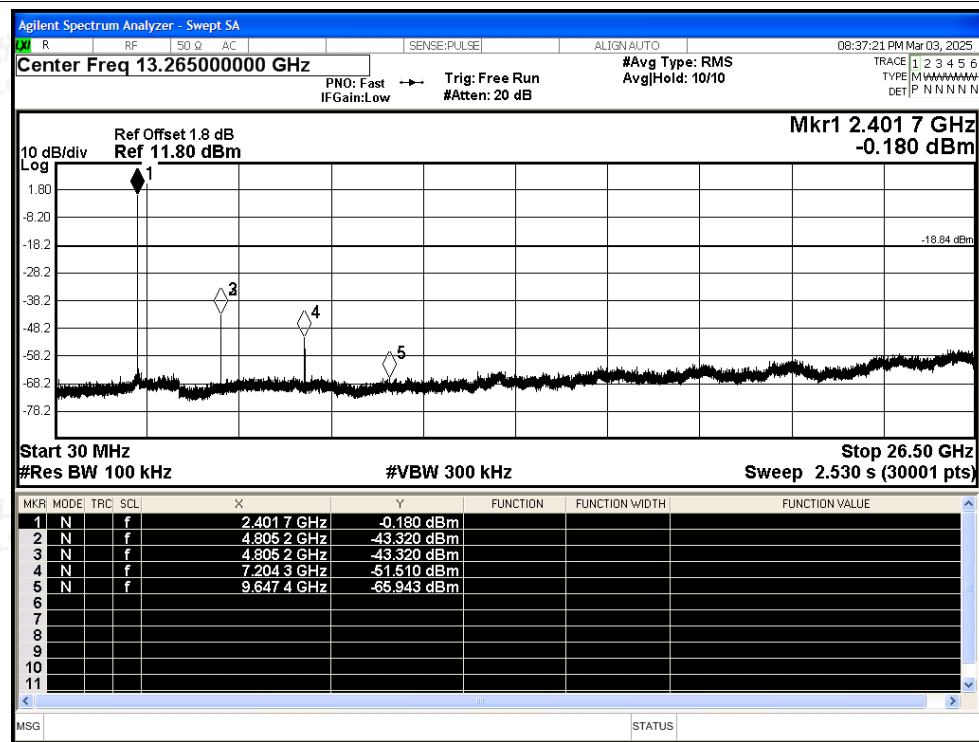
Scan code to check authenticity



Tx. Spurious NVNT BLE 2M 2402MHz Ant Ref



Tx. Spurious NVNT BLE 2M 2402MHz Ant Emission



Shenzhen LCS Compliance Testing Laboratory Ltd.

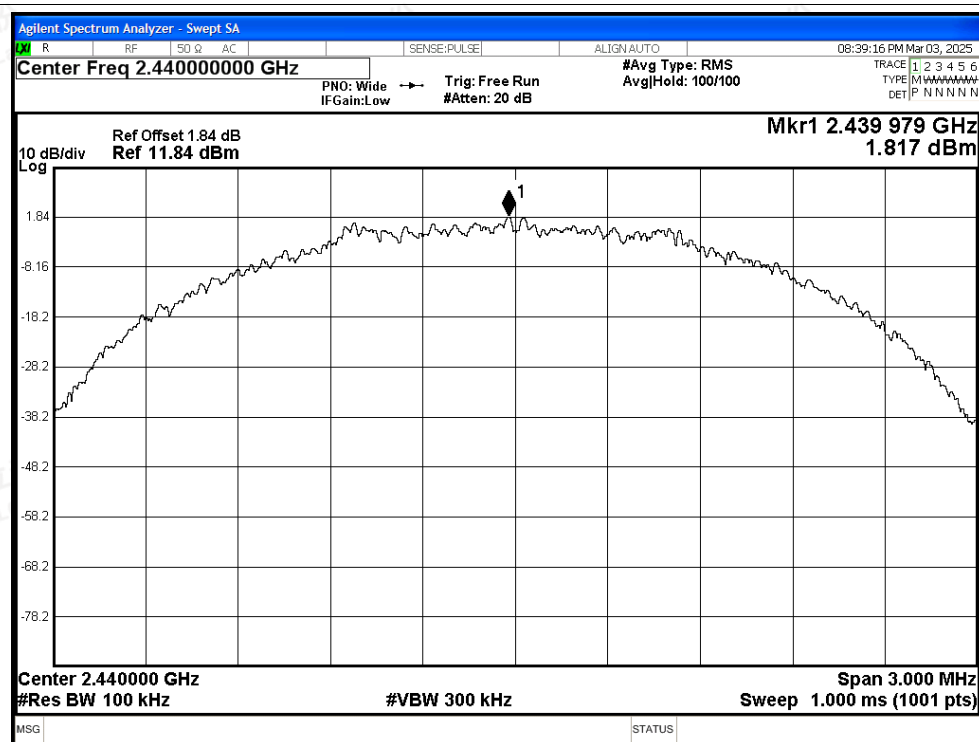
Add: 101, 201 Bldg A & 301 Bldg C, Juji Industrial Park Yabianxueziwei, Shajing Street, Baoan District, Shenzhen, 518000, China

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

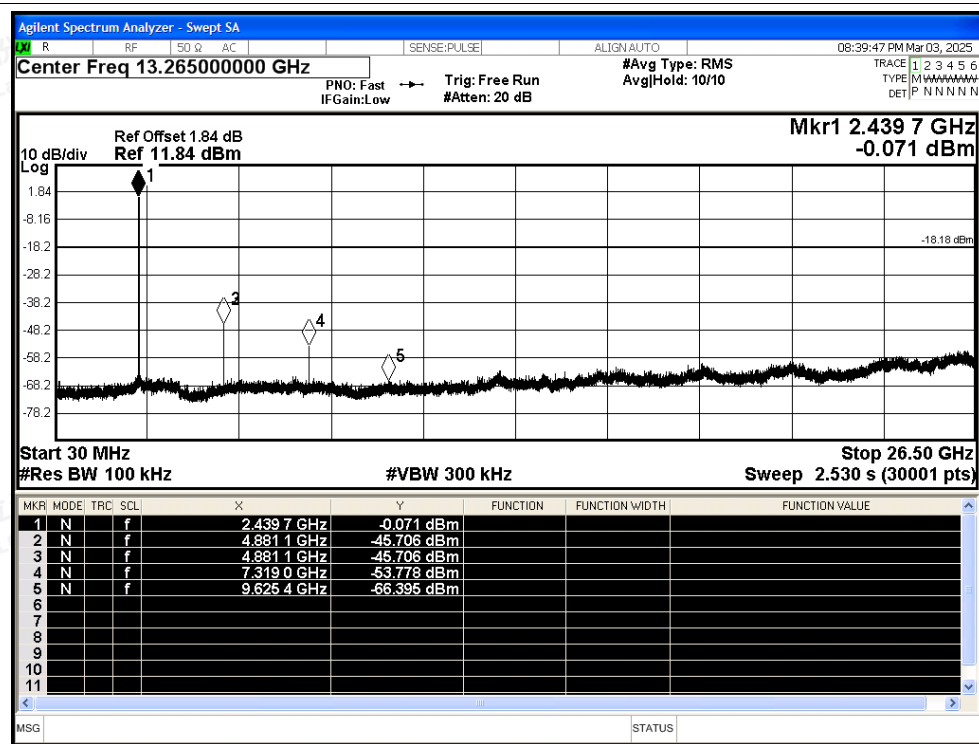
Scan code to check authenticity



Tx. Spurious NVNT BLE 2M 2440MHz Ant Ref



Tx. Spurious NVNT BLE 2M 2440MHz Ant Emission



Shenzhen LCS Compliance Testing Laboratory Ltd.

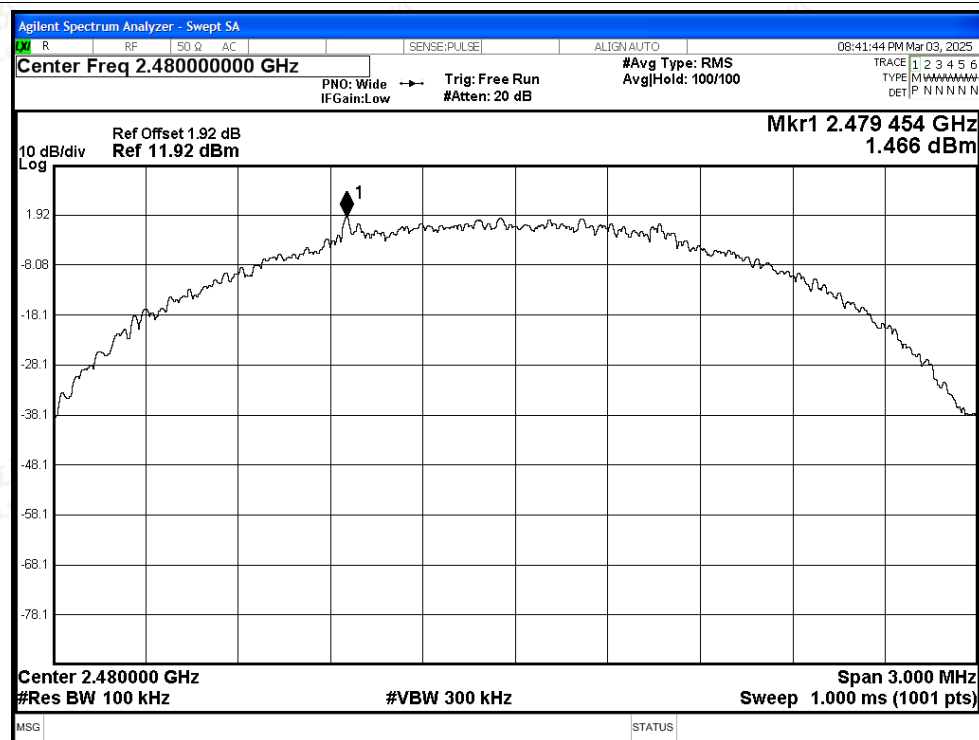
Add: 101, 201 Bldg A & 301 Bldg C, Juji Industrial Park Yabianxueziwei, Shajing Street, Baoan District, Shenzhen, 518000, China

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

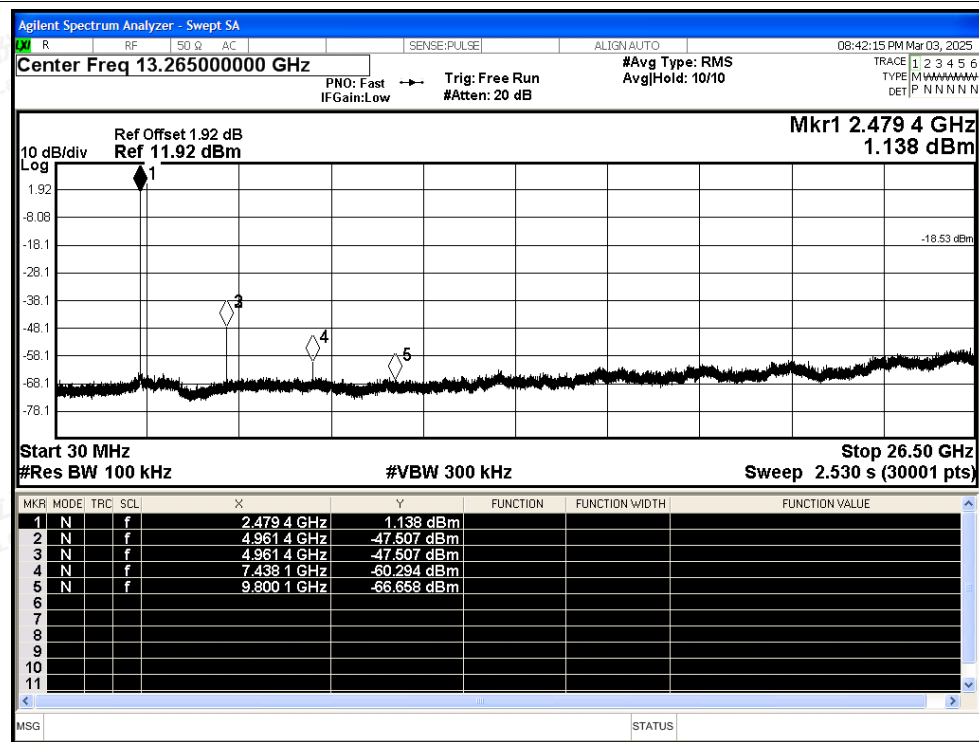
Scan code to check authenticity



Tx. Spurious NVNT BLE 2M 2480MHz Ant Ref



Tx. Spurious NVNT BLE 2M 2480MHz Ant 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

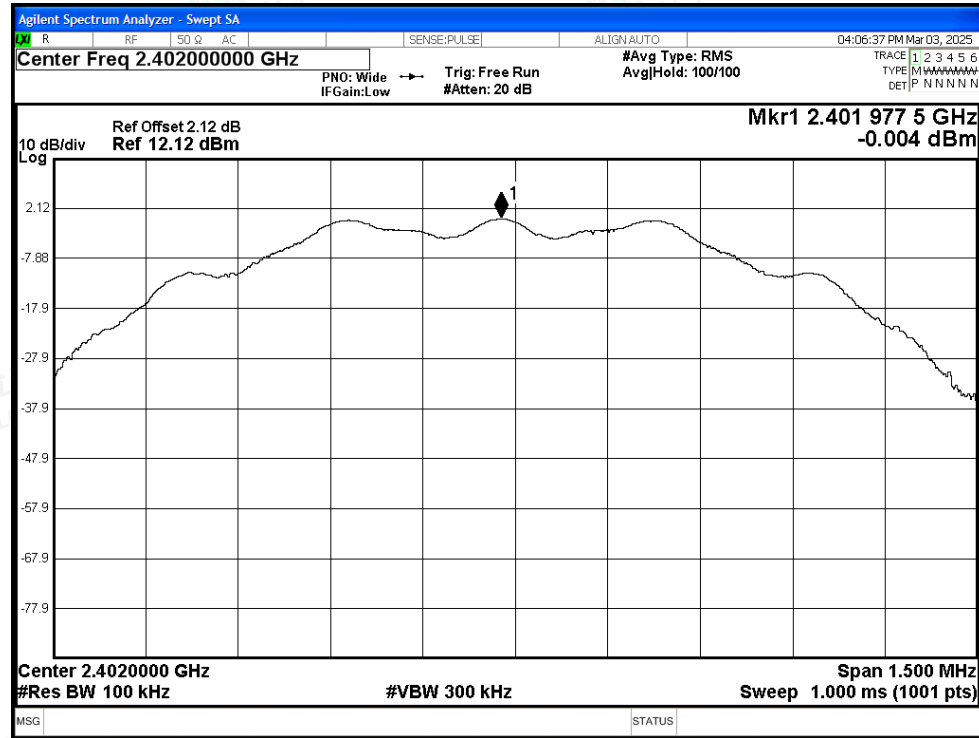
Tel: +(86) 0755-82591330 | E-mail: webmaster@lcs-cert.com | Web: www.lcs-cert.com

Scan code to check authenticity

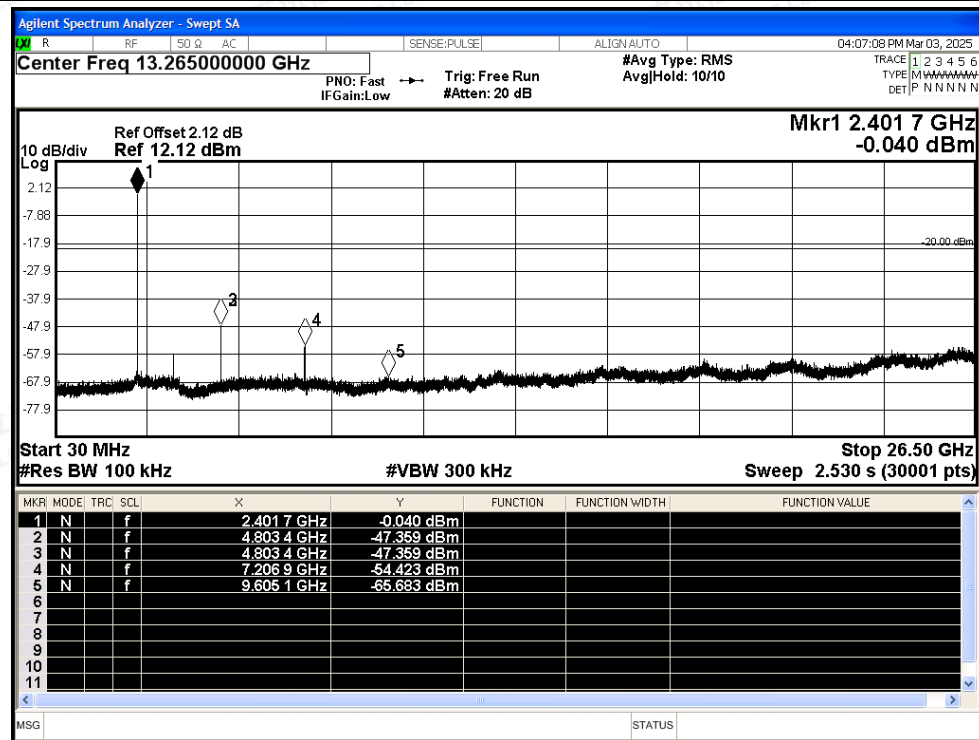


Test Graphs

Tx. Spurious NVNT BLE 125Kbps 2402MHz Ant Ref



Tx. Spurious NVNT BLE 125Kbps 2402MHz Ant Emission



Shenzhen LCS Compliance Testing Laboratory Ltd.

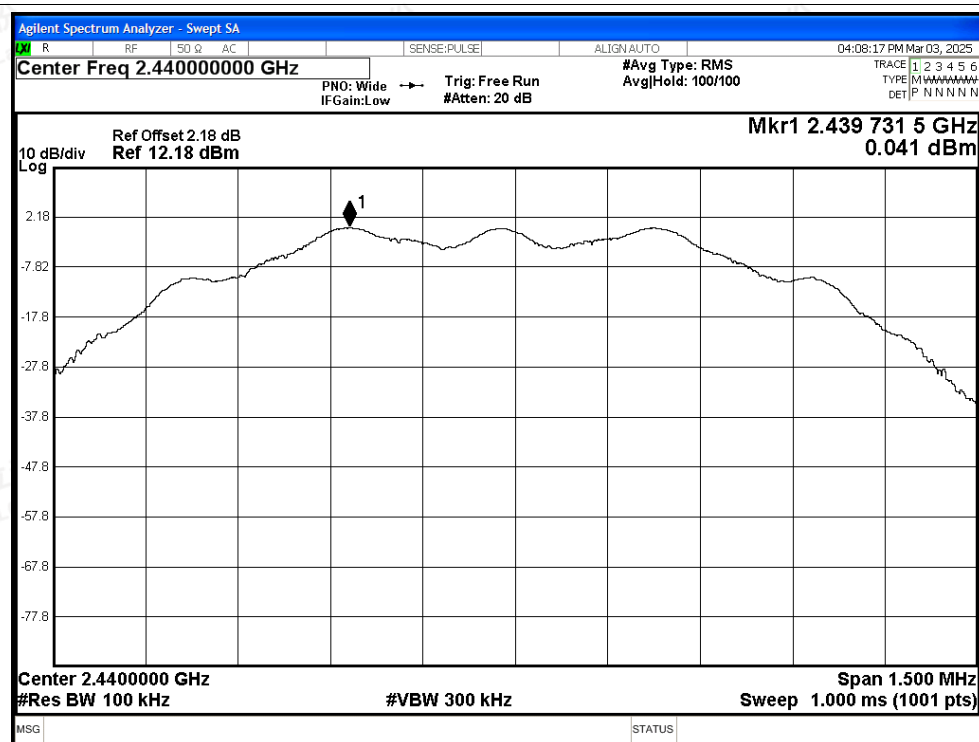
Add: 101, 201 Bldg A & 301 Bldg C, Juji Industrial Park Yabianxueziwei, Shajing Street, Baoan District, Shenzhen, 518000, China

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

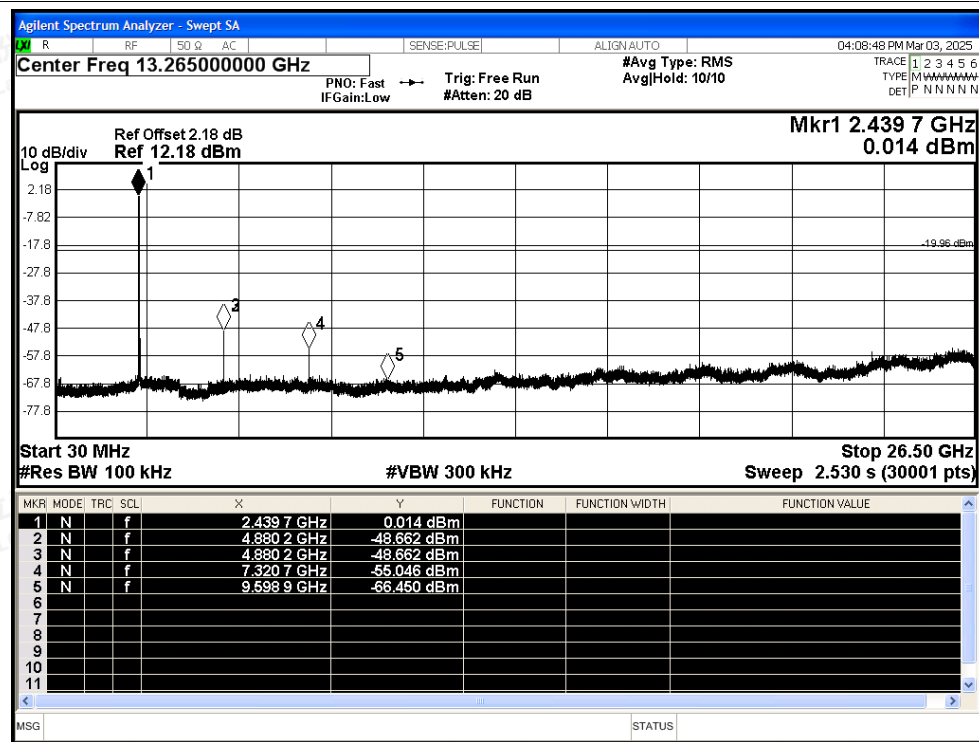
Scan code to check authenticity



Tx. Spurious NVNT BLE 125Kbps 2440MHz Ant Ref



Tx. Spurious NVNT BLE 125Kbps 2440MHz Ant Emission



Shenzhen LCS Compliance Testing Laboratory Ltd.

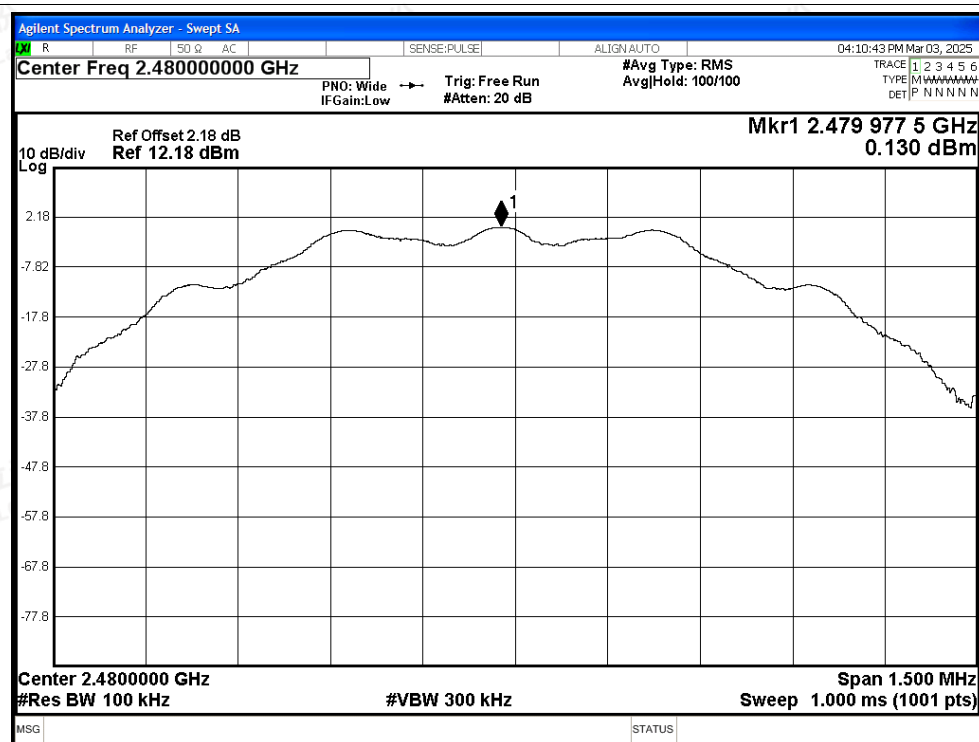
Add: 101, 201 Bldg A & 301 Bldg C, Juji Industrial Park Yabianxueziwei, Shajing Street, Baoan District, Shenzhen, 518000, China

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

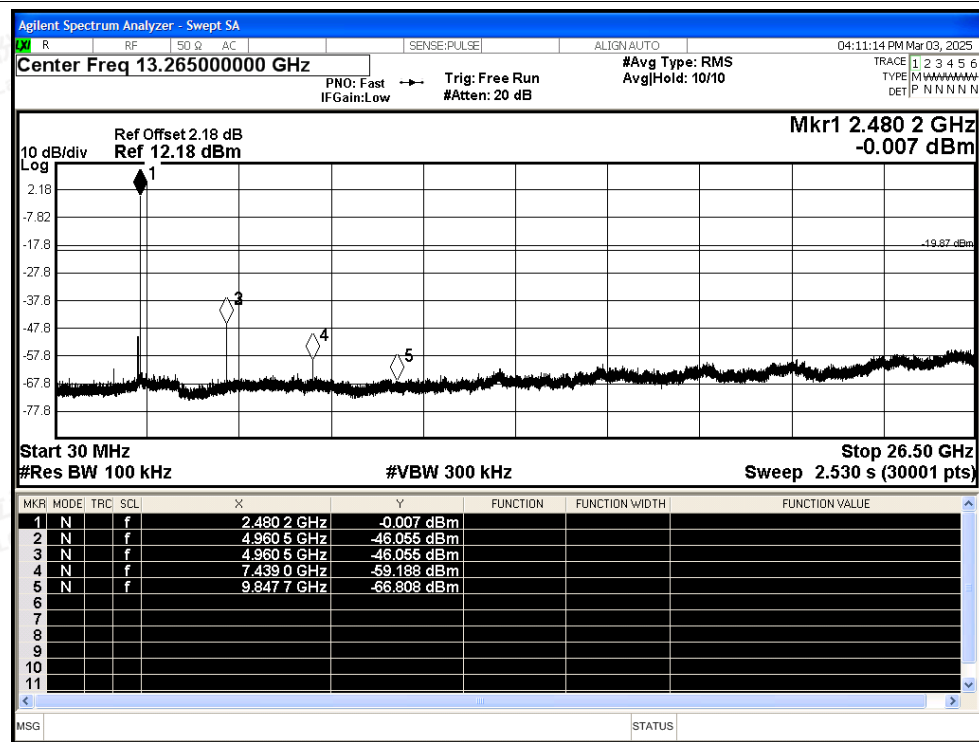
Scan code to check authenticity



Tx. Spurious NVNT BLE 125Kbps 2480MHz Ant Ref



Tx. Spurious NVNT BLE 125Kbps 2480MHz Ant 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

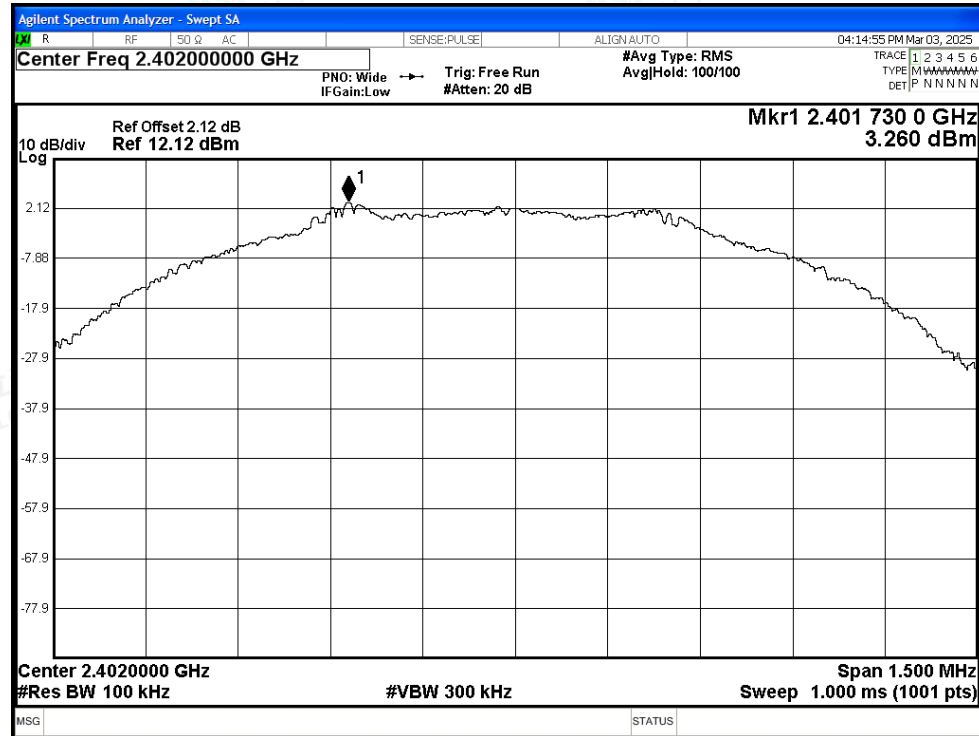
Tel: +(86) 0755-82591330 | E-mail: webmaster@lcs-cert.com | Web: www.lcs-cert.com

Scan code to check authenticity

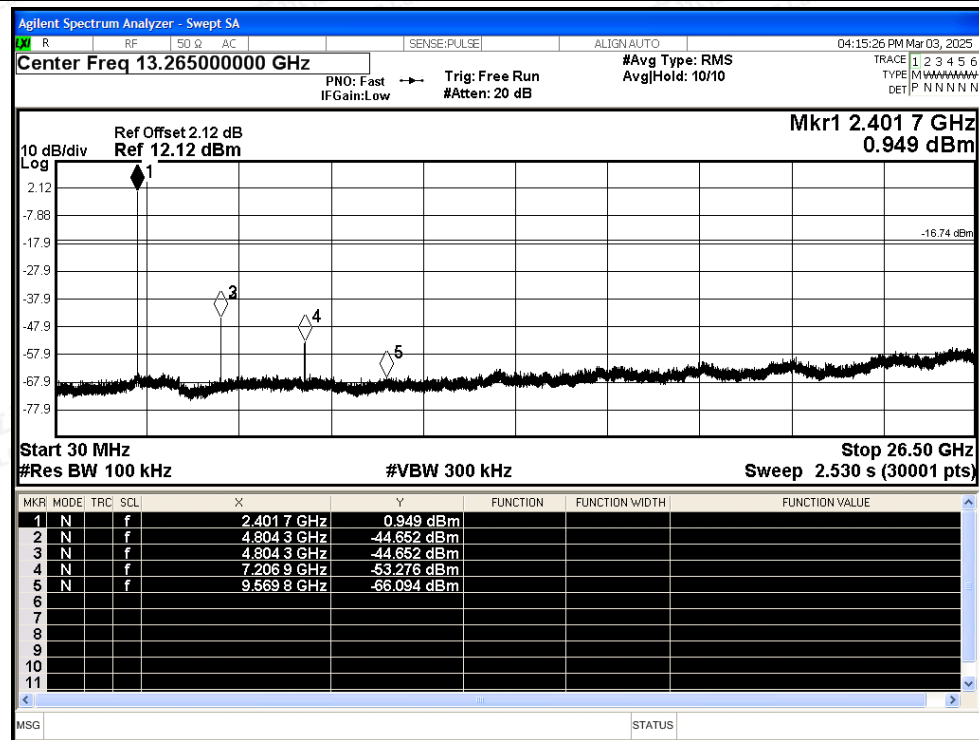


Test Graphs

Tx. Spurious NVNT BLE 500Kbps 2402MHz Ant Ref



Tx. Spurious NVNT BLE 500Kbps 2402MHz Ant Emission



Shenzhen LCS Compliance Testing Laboratory Ltd.

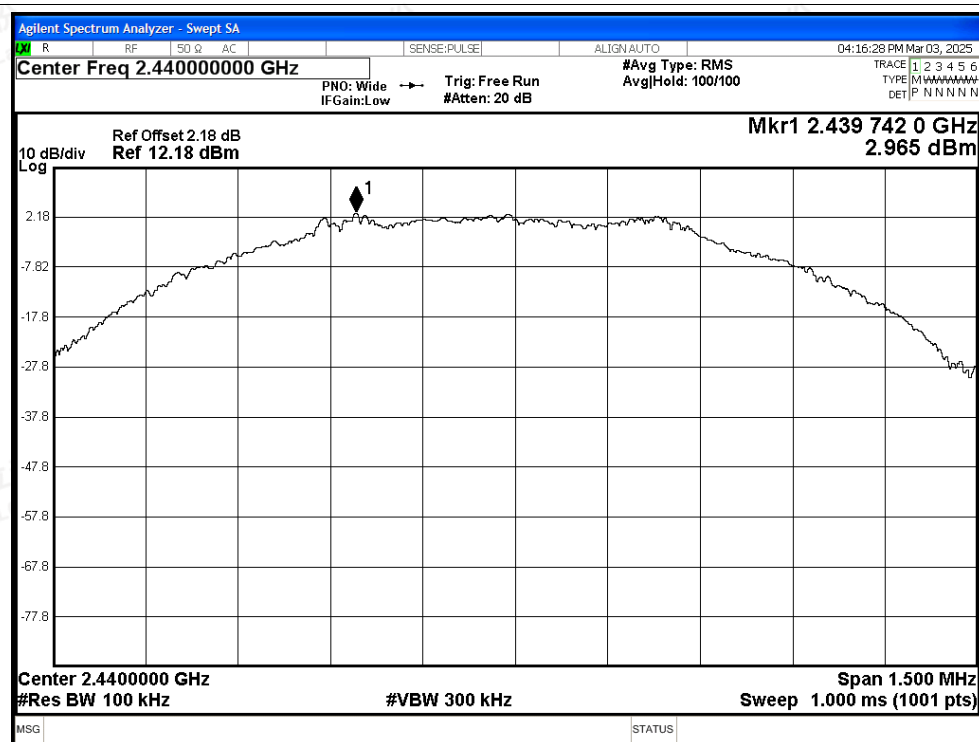
Add: 101, 201 Bldg A & 301 Bldg C, Juji Industrial Park Yabianxueziwei, Shajing Street, Baoan District, Shenzhen, 518000, China

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

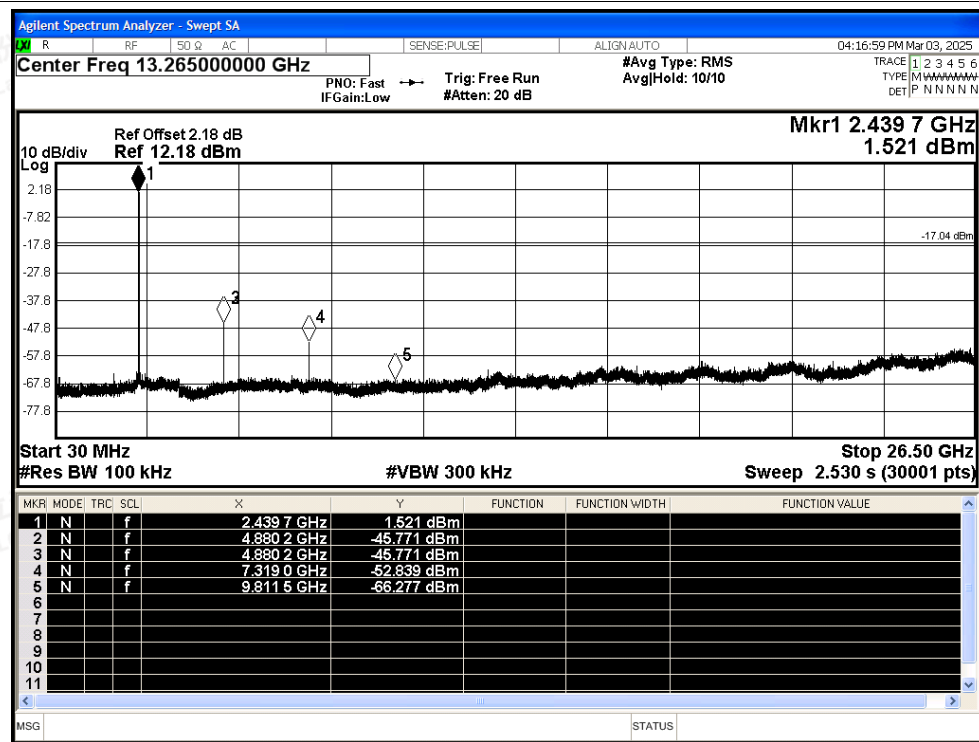
Scan code to check authenticity



Tx. Spurious NVNT BLE 500Kbps 2440MHz Ant Ref



Tx. Spurious NVNT BLE 500Kbps 2440MHz Ant Emission



Shenzhen LCS Compliance Testing Laboratory Ltd.

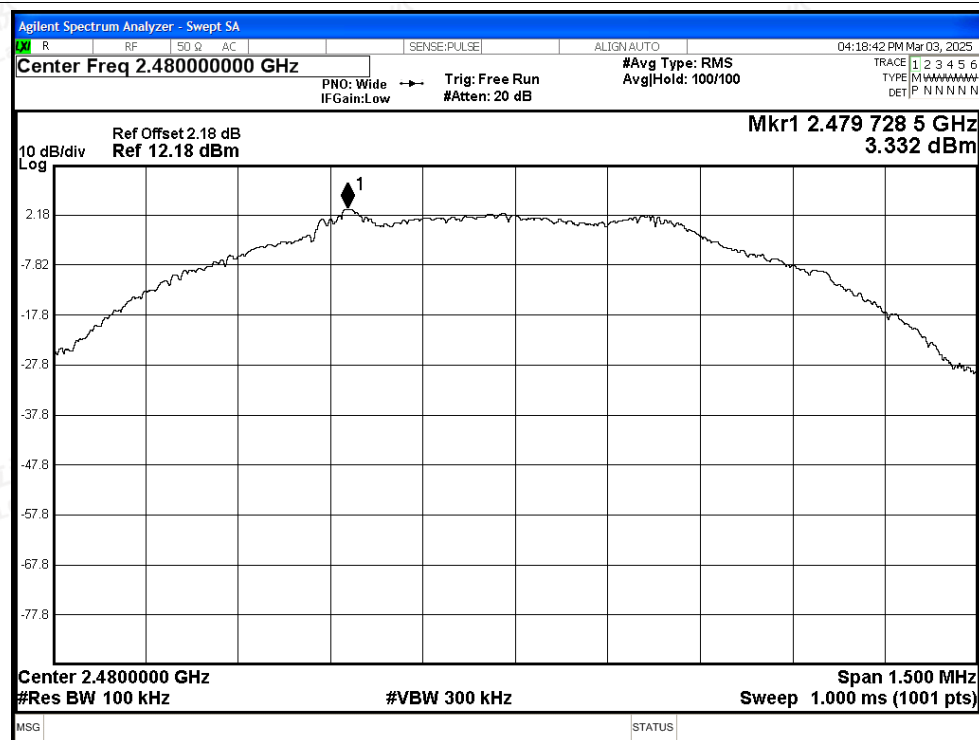
Add: 101, 201 Bldg A & 301 Bldg C, Juji Industrial Park Yabianxueziwei, Shajing Street, Baoan District, Shenzhen, 518000, China

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

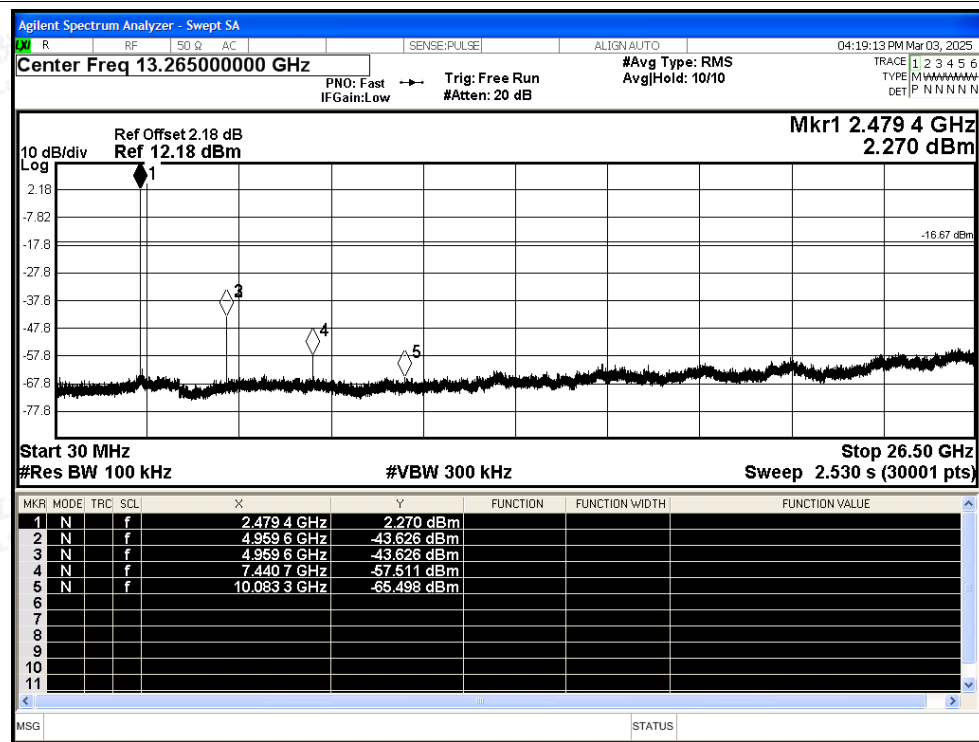
Scan code to check authenticity



Tx. Spurious NVNT BLE 500Kbps 2480MHz Ant Ref



Tx. Spurious NVNT BLE 500Kbps 2480MHz Ant Emission



Shenzhen LCS Compliance Testing Laboratory Ltd.

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A.6 Duty Cycle

Condition	Mode	Frequency (MHz)	Antenna	Duty Cycle (%)	Correction Factor (dB)	1/T (kHz)
NVNT	BLE 1M	2402	Ant	100	0	0
NVNT	BLE 1M	2440	Ant	100	0	0
NVNT	BLE 1M	2480	Ant	100	0	0
NVNT	BLE 2M	2402	Ant	100	0	0
NVNT	BLE 2M	2440	Ant	100	0	0
NVNT	BLE 2M	2480	Ant	100	0	0
NVNT	BLE 125Kbps	2402	Ant	100	0	0
NVNT	BLE 125Kbps	2440	Ant	100	0	0
NVNT	BLE 125Kbps	2480	Ant	100	0	0
NVNT	BLE 500Kbps	2402	Ant	100	0	0
NVNT	BLE 500Kbps	2440	Ant	100	0	0
NVNT	BLE 500Kbps	2480	Ant	100	0	0



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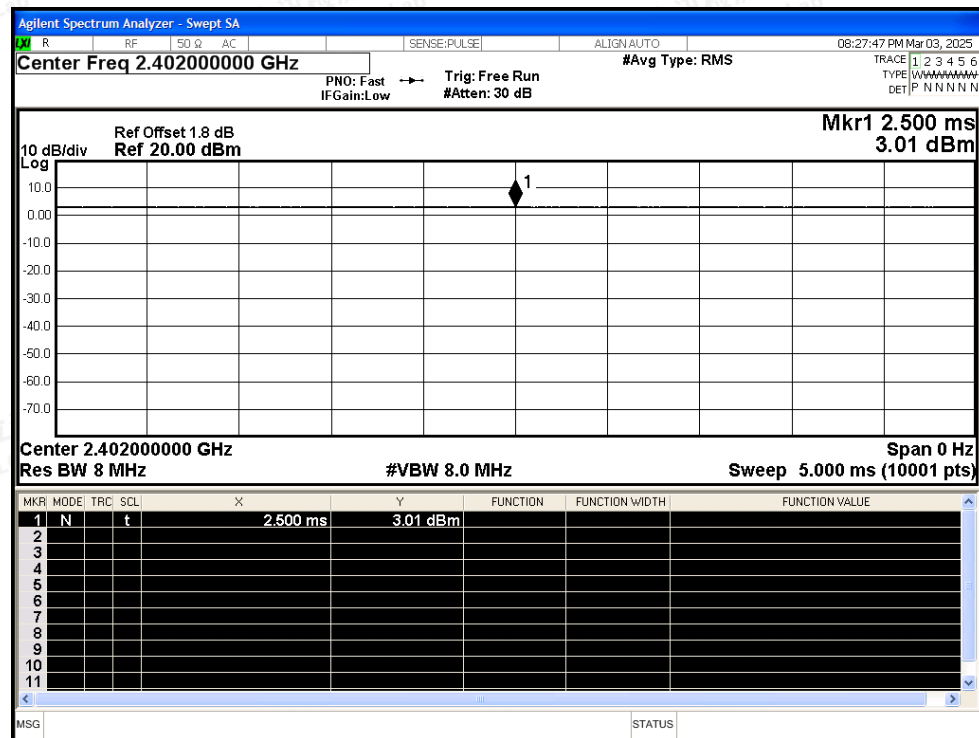
Tel: +(86) 0755-82591330 | E-mail: webmaster@lcs-cert.com | Web: www.lcs-cert.com

Scan code to check authenticity

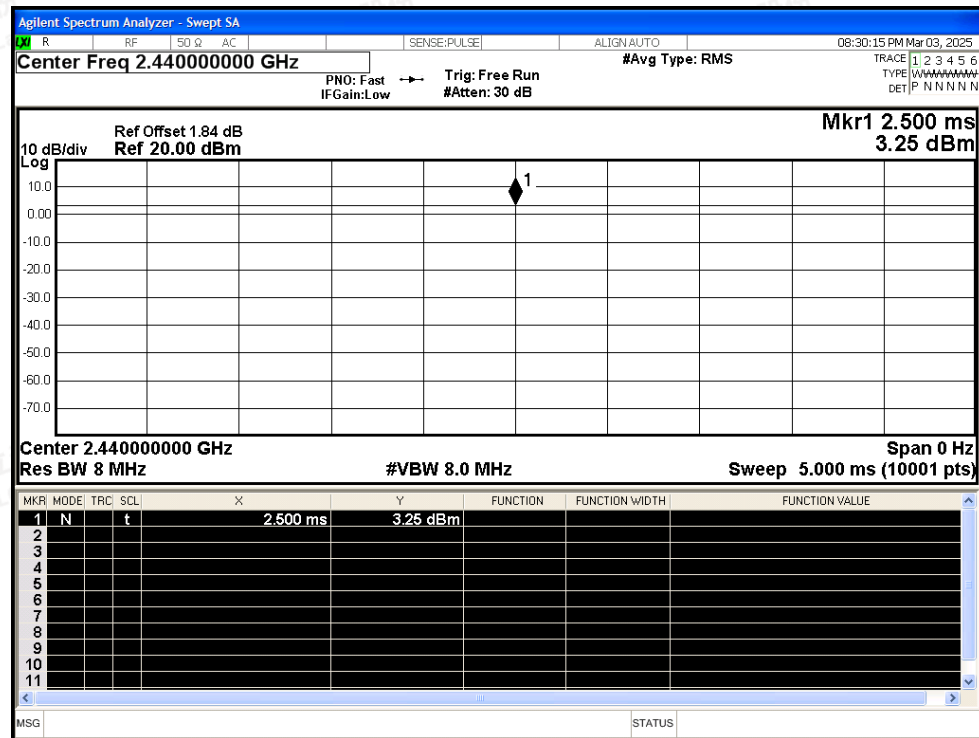


Test Graphs

Duty Cycle NVNT BLE 1M 2402MHz Ant



Duty Cycle NVNT BLE 1M 2440MHz Ant



Shenzhen LCS Compliance Testing Laboratory Ltd.

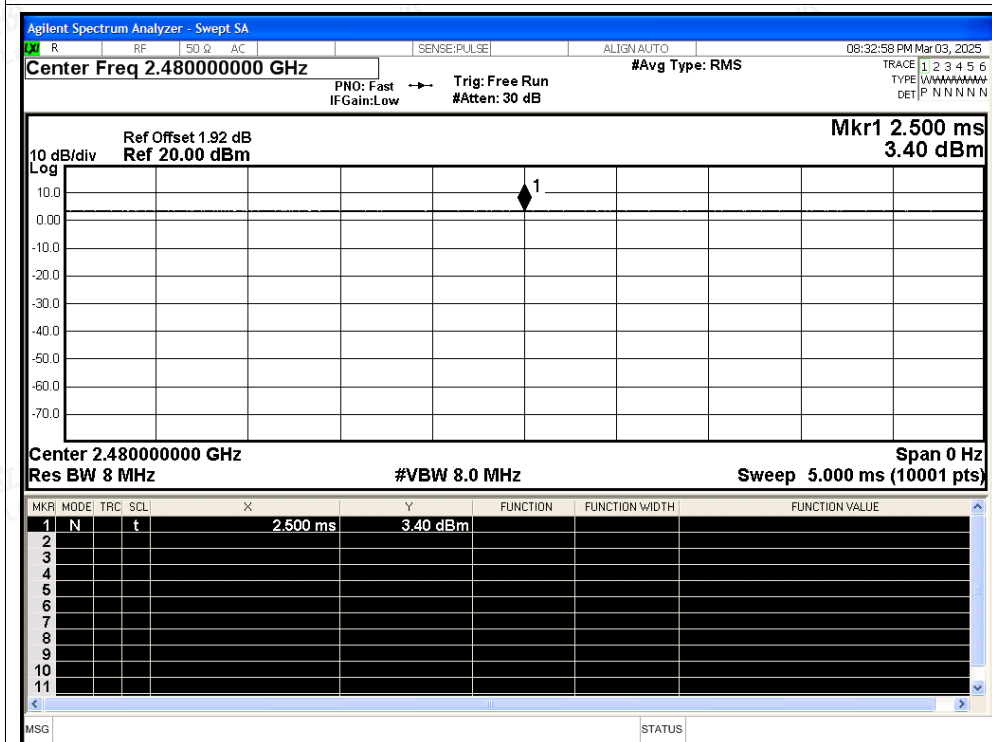
Add: 101, 201 Bldg A & 301 Bldg C, Juji Industrial Park Yabianxueziwei, Shajing Street, Baoan District, Shenzhen, 518000, China

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

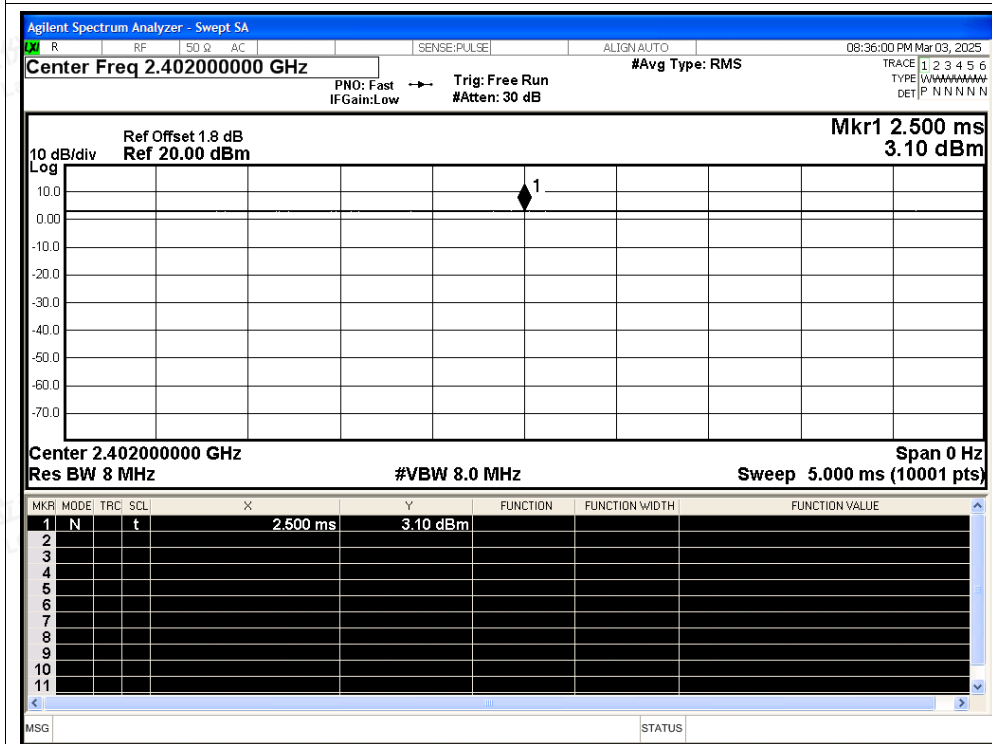
Scan code to check authenticity



Duty Cycle NVNT BLE 1M 2480MHz Ant



Duty Cycle NVNT BLE 2M 2402MHz Ant



Shenzhen LCS Compliance Testing Laboratory Ltd.

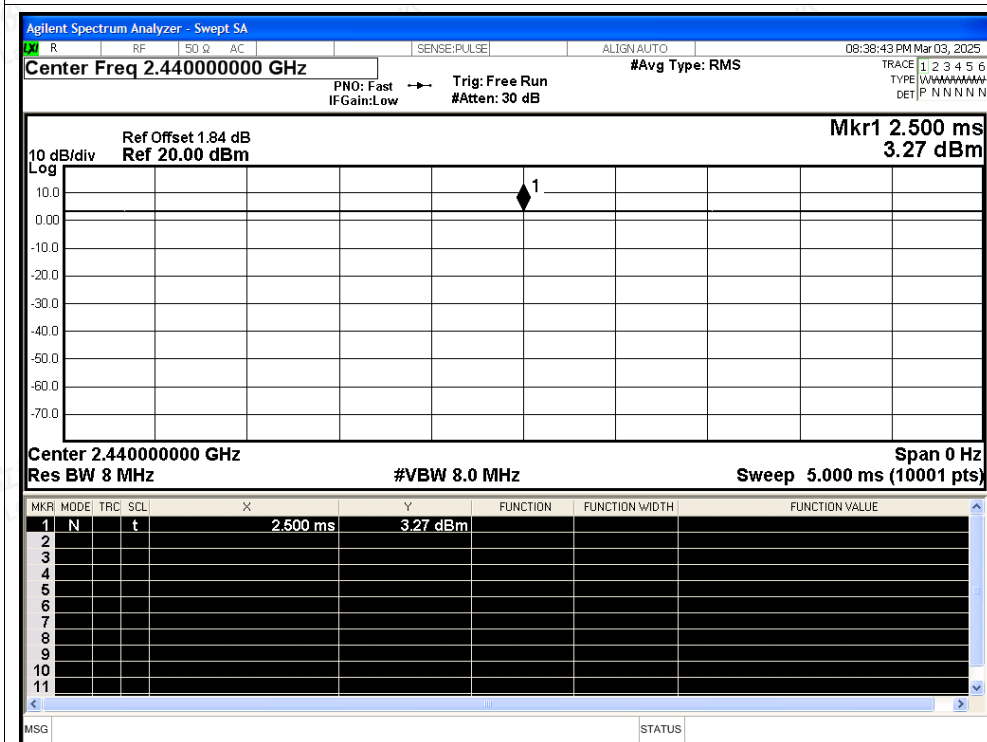
Add: 101, 201 Bldg A & 301 Bldg C, Juji Industrial Park Yabianxueziwei, Shajing Street, Baoan District, Shenzhen, 518000, China

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

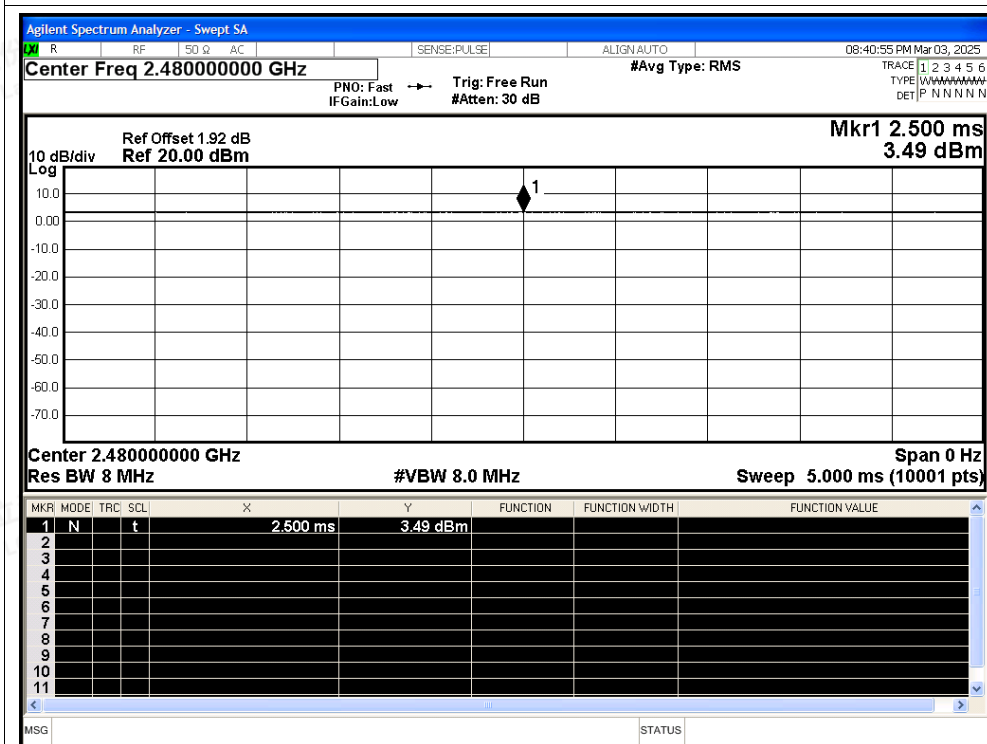
Scan code to check authenticity



Duty Cycle NVNT BLE 2M 2440MHz Ant



Duty Cycle NVNT BLE 2M 2480MHz Ant



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

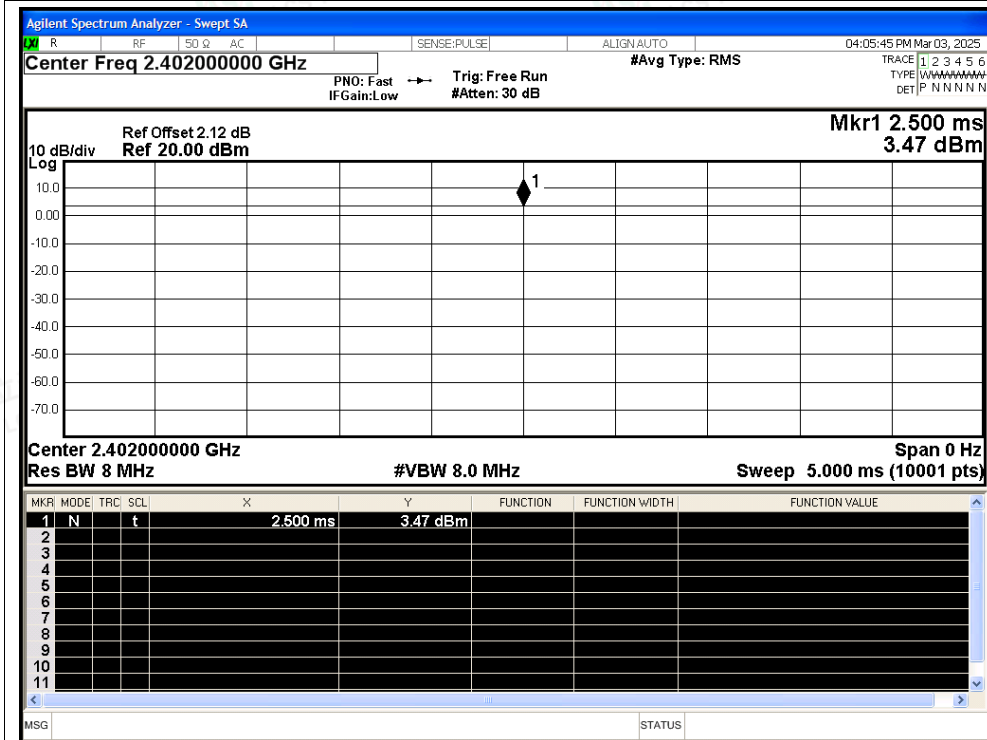
Tel: +(86) 0755-82591330 | E-mail: webmaster@lcs-cert.com | Web: www.lcs-cert.com

Scan code to check authenticity

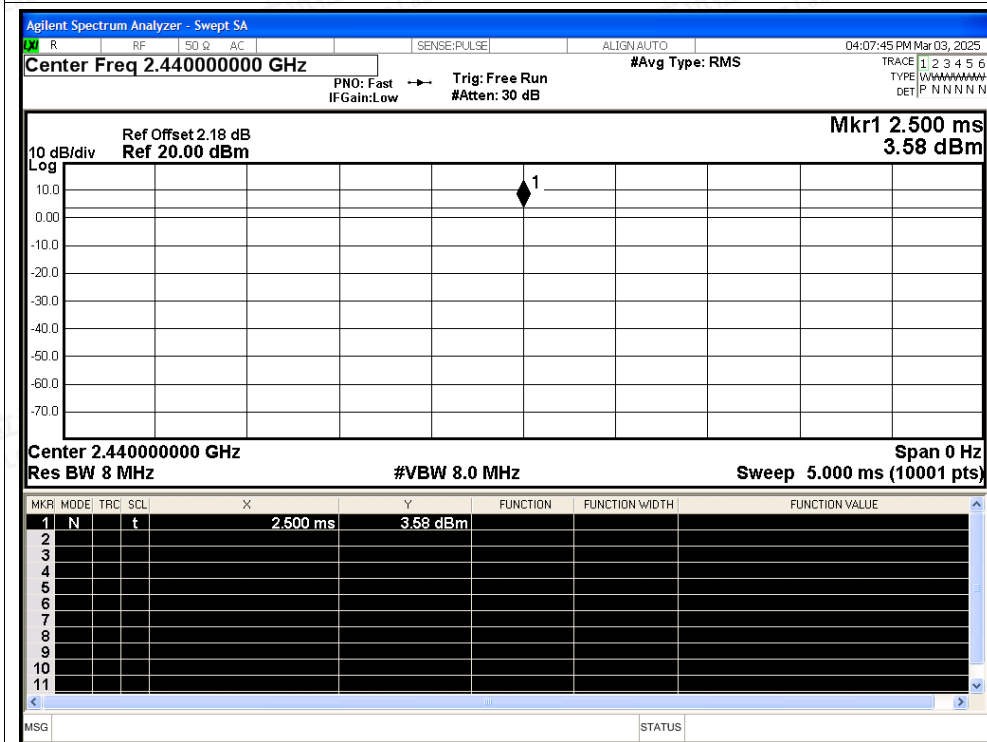


Test Graphs

Duty Cycle NVNT BLE 125Kbps 2402MHz Ant



Duty Cycle NVNT BLE 125Kbps 2440MHz Ant

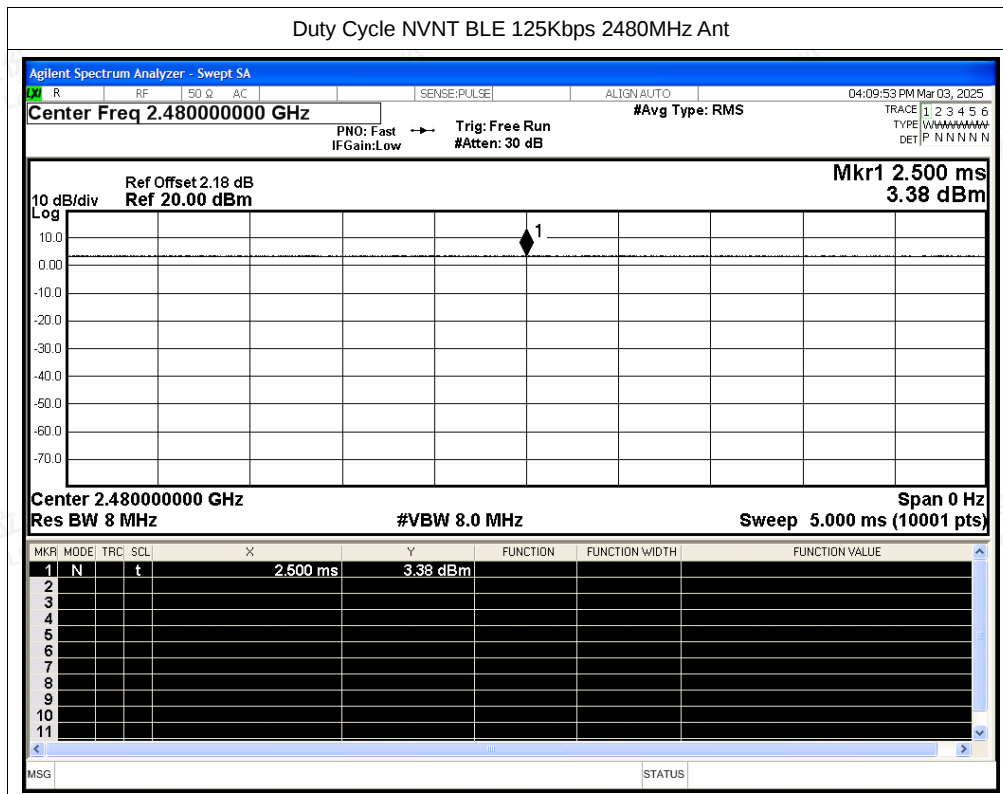


Shenzhen LCS Compliance Testing Laboratory Ltd.

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

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

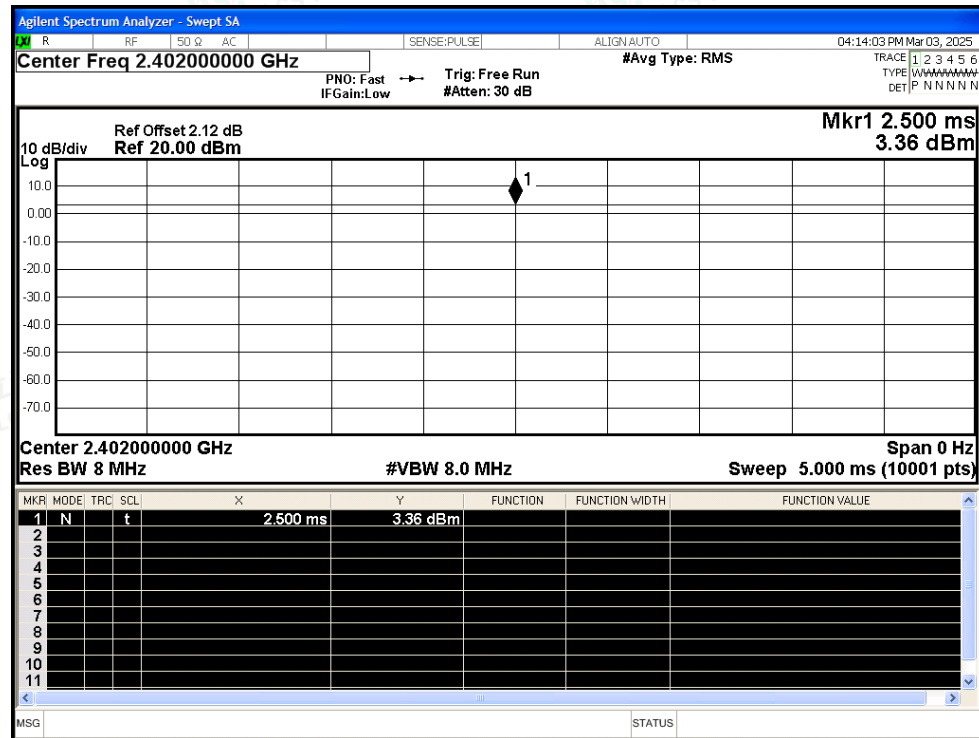
Tel: +(86) 0755-82591330 | E-mail: webmaster@lcs-cert.com | Web: www.lcs-cert.com

Scan code to check authenticity

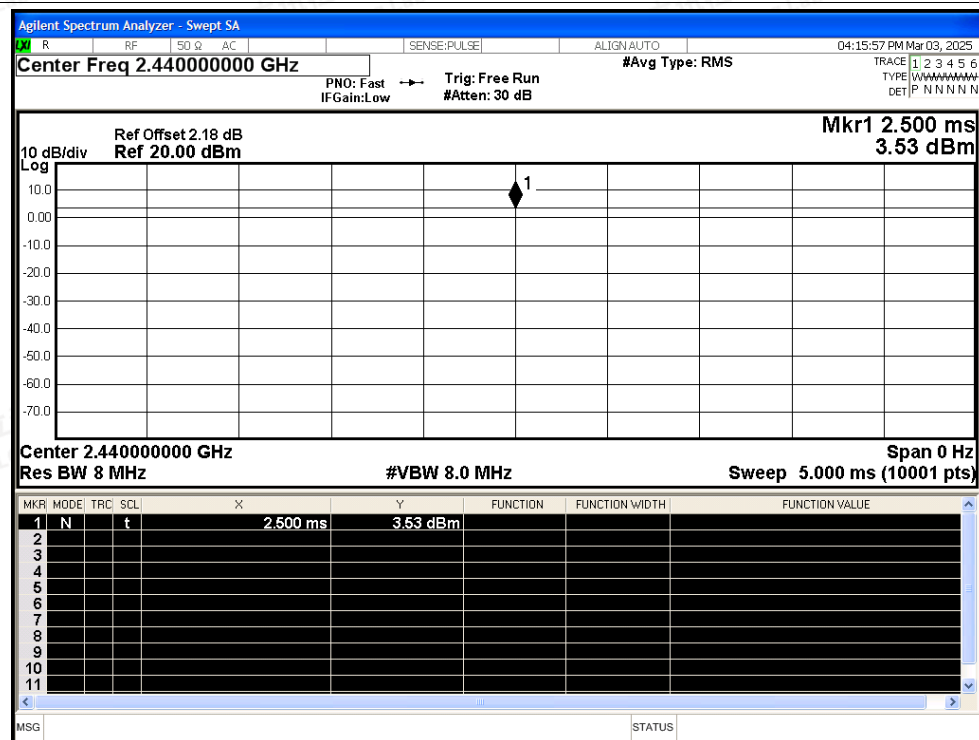


Test Graphs

Duty Cycle NVNT BLE 500Kbps 2402MHz Ant



Duty Cycle NVNT BLE 500Kbps 2440MHz Ant

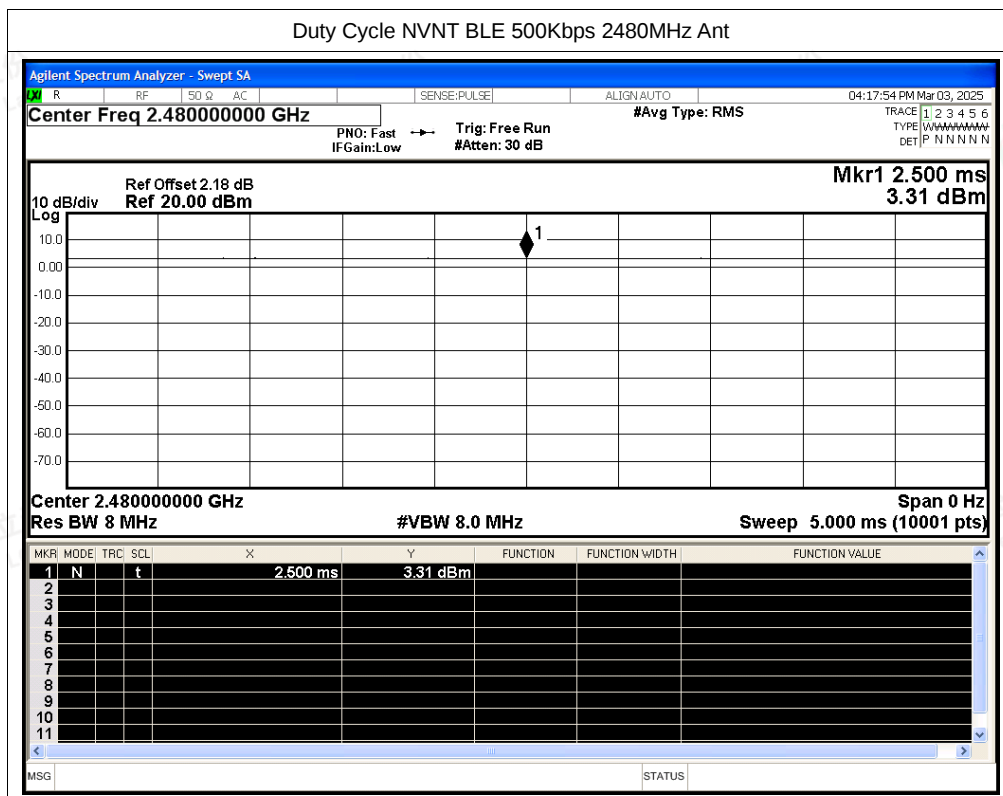


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Scan code to check authenticity





A.7 Restrict Band

Worst Case:

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	Ant	2310	-51.57	3	-	46.69	Peak	74	Pass
NVNT	BLE 1M	2402	Ant	2310	-58.73	3	0	39.53	Average	54	Pass
NVNT	BLE 1M	2402	Ant	2351.28	-46.99	3	-	51.27	Peak	74	Pass
NVNT	BLE 1M	2402	Ant	2388.432	-57.83	3	0	40.43	Average	54	Pass
NVNT	BLE 1M	2402	Ant	2390	-49.65	3	-	48.61	Peak	74	Pass
NVNT	BLE 1M	2402	Ant	2390	-58.22	3	0	40.04	Average	54	Pass
NVNT	BLE 1M	2480	Ant	2483.5	-46.8	3	-	51.46	Peak	74	Pass
NVNT	BLE 1M	2480	Ant	2483.5	-55.25	3	0	43.01	Average	54	Pass
NVNT	BLE 1M	2480	Ant	2484.568	-44.55	3	-	53.71	Peak	74	Pass
NVNT	BLE 1M	2480	Ant	2483.512	-55.25	3	0	43.01	Average	54	Pass
NVNT	BLE 1M	2480	Ant	2500	-50.42	3	-	47.84	Peak	74	Pass
NVNT	BLE 1M	2480	Ant	2500	-57.88	3	0	40.38	Average	54	Pass
NVNT	BLE 2M	2402	Ant	2310	-50.68	3	-	47.58	Peak	74	Pass
NVNT	BLE 2M	2402	Ant	2310	-58.73	3	0	39.53	Average	54	Pass
NVNT	BLE 2M	2402	Ant	2353.296	-46.8	3	-	51.46	Peak	74	Pass
NVNT	BLE 2M	2402	Ant	2384.592	-57.3	3	0	40.96	Average	54	Pass
NVNT	BLE 2M	2402	Ant	2390	-49.06	3	-	49.20	Peak	74	Pass
NVNT	BLE 2M	2402	Ant	2390	-57.88	3	0	40.38	Average	54	Pass
NVNT	BLE 2M	2480	Ant	2483.5	-40.49	3	-	57.77	Peak	74	Pass
NVNT	BLE 2M	2480	Ant	2483.5	-49.92	3	0	48.34	Average	54	Pass
NVNT	BLE 2M	2480	Ant	2483.512	-40.49	3	-	57.77	Peak	74	Pass
NVNT	BLE 2M	2480	Ant	2483.512	-49.92	3	0	48.34	Average	54	Pass
NVNT	BLE 2M	2480	Ant	2500	-49.45	3	-	48.81	Peak	74	Pass
NVNT	BLE 2M	2480	Ant	2500	-57.65	3	0	40.61	Average	54	Pass
NVNT	BLE 125Kbps	2402	Ant	2310	-50.2	3	-	48.06	Peak	74	Pass
NVNT	BLE 125Kbps	2402	Ant	2310	-58.52	3	0	39.74	Average	54	Pass
NVNT	BLE 125Kbps	2402	Ant	2357.04	-46.99	3	-	51.27	Peak	74	Pass
NVNT	BLE 125Kbps	2402	Ant	2388.432	-57.41	3	0	40.85	Average	54	Pass
NVNT	BLE 125Kbps	2402	Ant	2390	-48.88	3	-	49.38	Peak	74	Pass
NVNT	BLE 125Kbps	2402	Ant	2390	-57.93	3	0	40.33	Average	54	Pass
NVNT	BLE 125Kbps	2480	Ant	2483.5	-48.18	3	-	50.08	Peak	74	Pass
NVNT	BLE 125Kbps	2480	Ant	2483.5	-55.69	3	0	42.57	Average	54	Pass
NVNT	BLE 125Kbps	2480	Ant	2499.4	-46.08	3	-	52.18	Peak	74	Pass
NVNT	BLE 125Kbps	2480	Ant	2483.584	-55.64	3	0	42.62	Average	54	Pass
NVNT	BLE 125Kbps	2480	Ant	2500	-49.48	3	-	48.78	Peak	74	Pass
NVNT	BLE 125Kbps	2480	Ant	2500	-57.63	3	0	40.63	Average	54	Pass
NVNT	BLE 500Kbps	2402	Ant	2310	-48.66	3	-	49.60	Peak	74	Pass



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NVNT	BLE 500Kbps	2402	Ant	2310	-58.46	3	0	39.80	Average	54	Pass
NVNT	BLE 500Kbps	2402	Ant	2388.144	-47.57	3	-	50.69	Peak	74	Pass
NVNT	BLE 500Kbps	2402	Ant	2388.528	-57.21	3	0	41.05	Average	54	Pass
NVNT	BLE 500Kbps	2402	Ant	2390	-49.1	3	-	49.16	Peak	74	Pass
NVNT	BLE 500Kbps	2402	Ant	2390	-57.94	3	0	40.32	Average	54	Pass
NVNT	BLE 500Kbps	2480	Ant	2483.5	-48.83	3	-	49.43	Peak	74	Pass
NVNT	BLE 500Kbps	2480	Ant	2483.5	-55.9	3	0	42.36	Average	54	Pass
NVNT	BLE 500Kbps	2480	Ant	2484.928	-45.86	3	-	52.40	Peak	74	Pass
NVNT	BLE 500Kbps	2480	Ant	2483.512	-55.9	3	0	42.36	Average	54	Pass
NVNT	BLE 500Kbps	2480	Ant	2500	-49.73	3	-	48.53	Peak	74	Pass
NVNT	BLE 500Kbps	2480	Ant	2500	-57.61	3	0	40.65	Average	54	Pass



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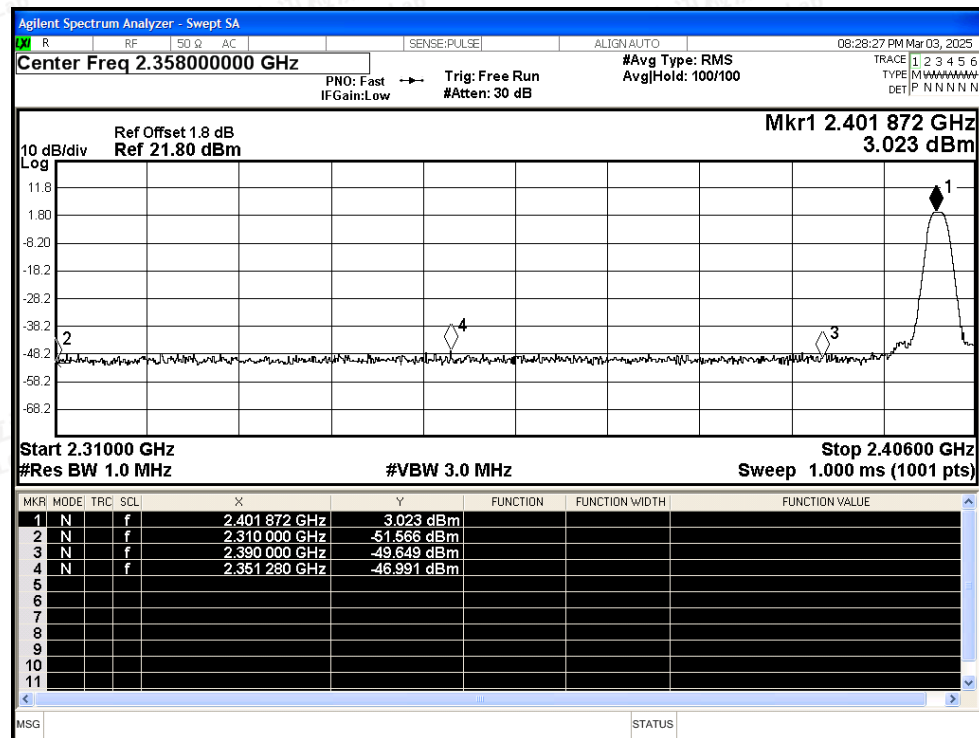
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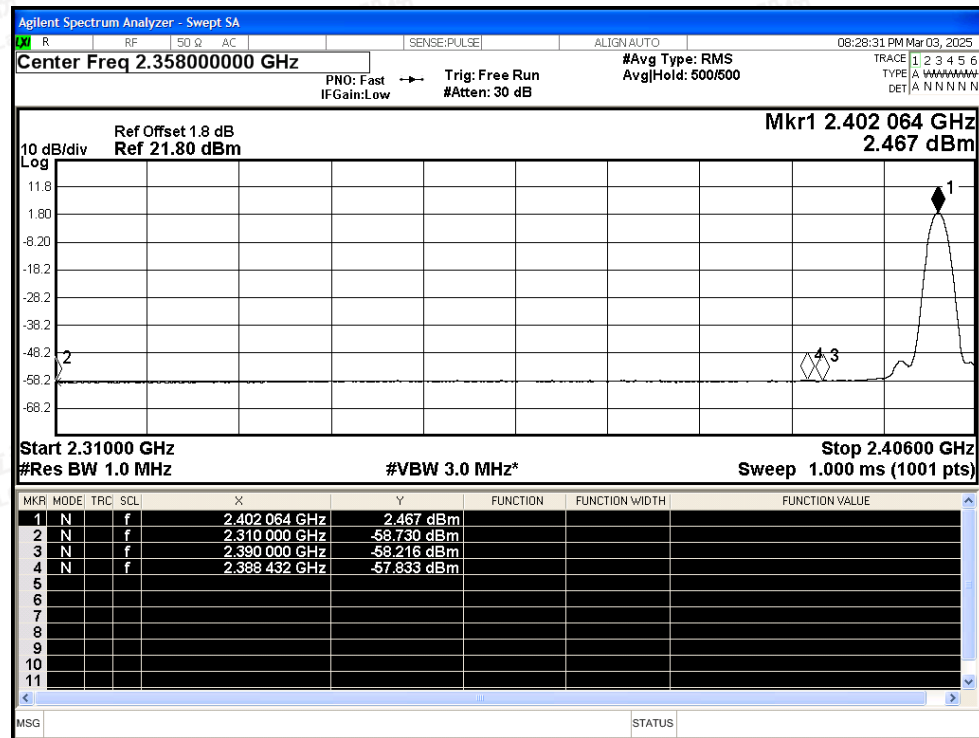


Test Graphs

Restrict Band NVNT BLE 1M 2402MHz Ant Peak



Restrict Band NVNT BLE 1M 2402MHz Ant Average



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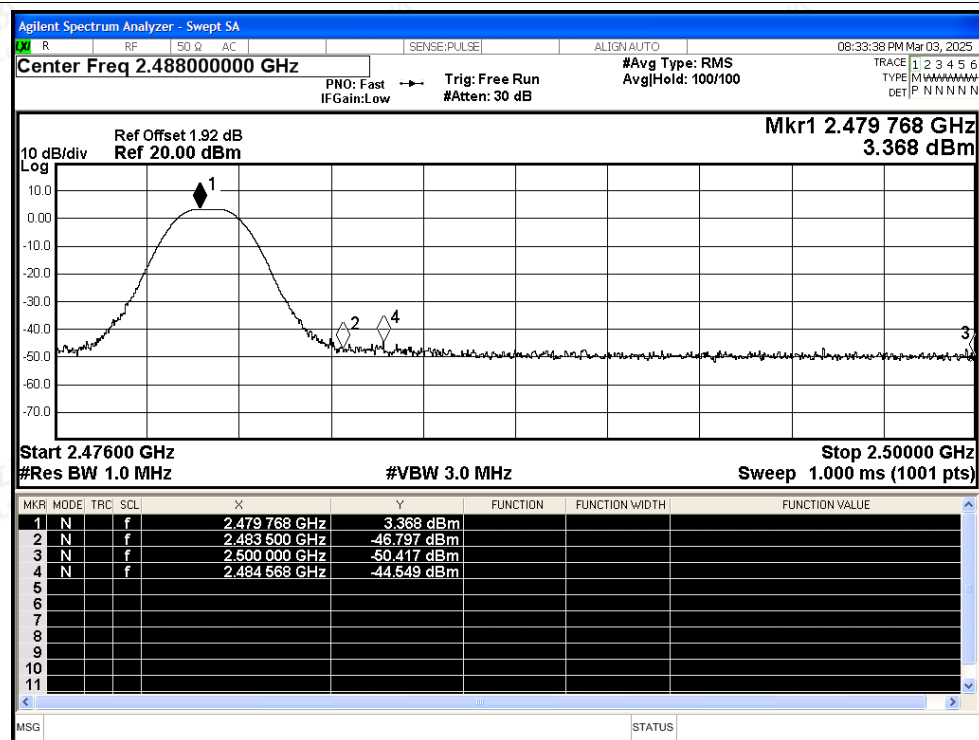
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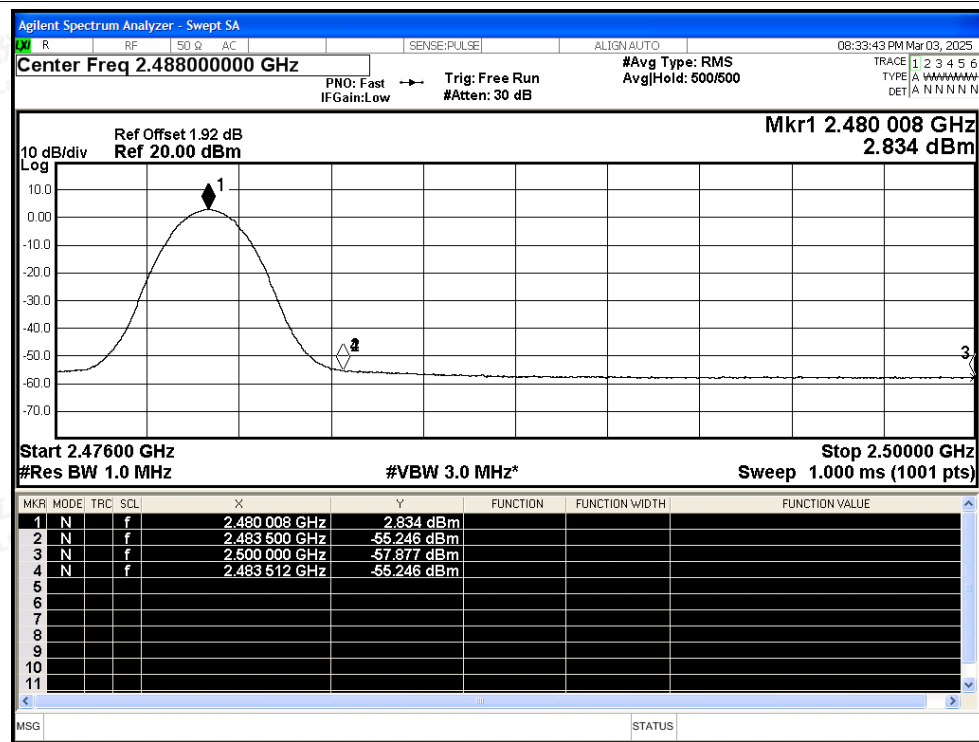
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Restrict Band NVNT BLE 1M 2480MHz Ant Peak



Restrict Band NVNT BLE 1M 2480MHz Ant Average



Shenzhen LCS Compliance Testing Laboratory Ltd.

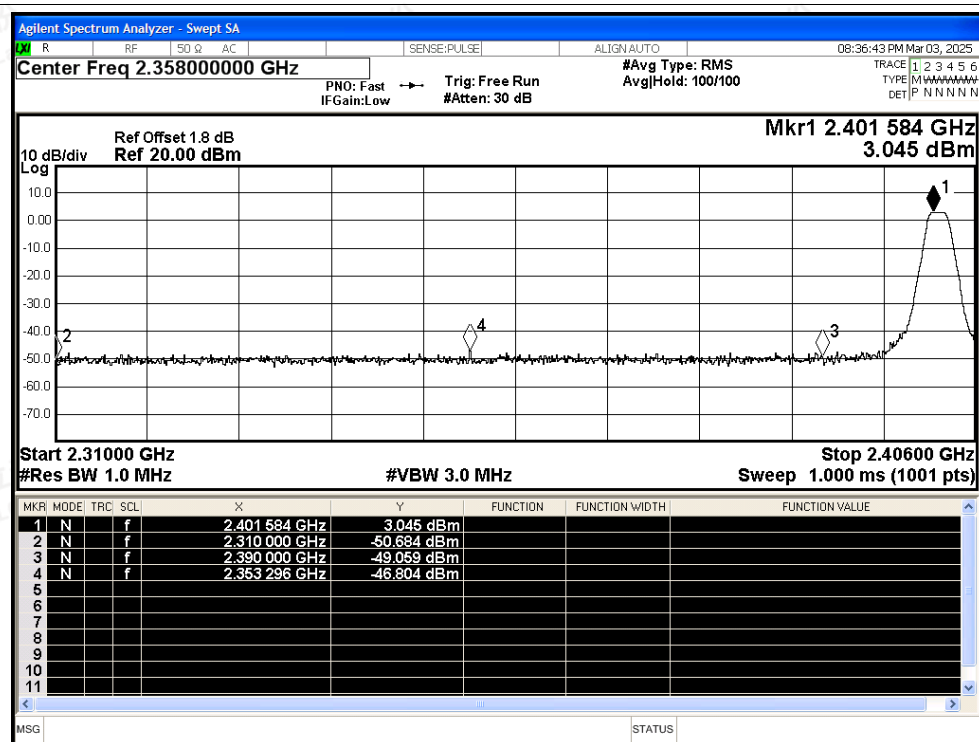
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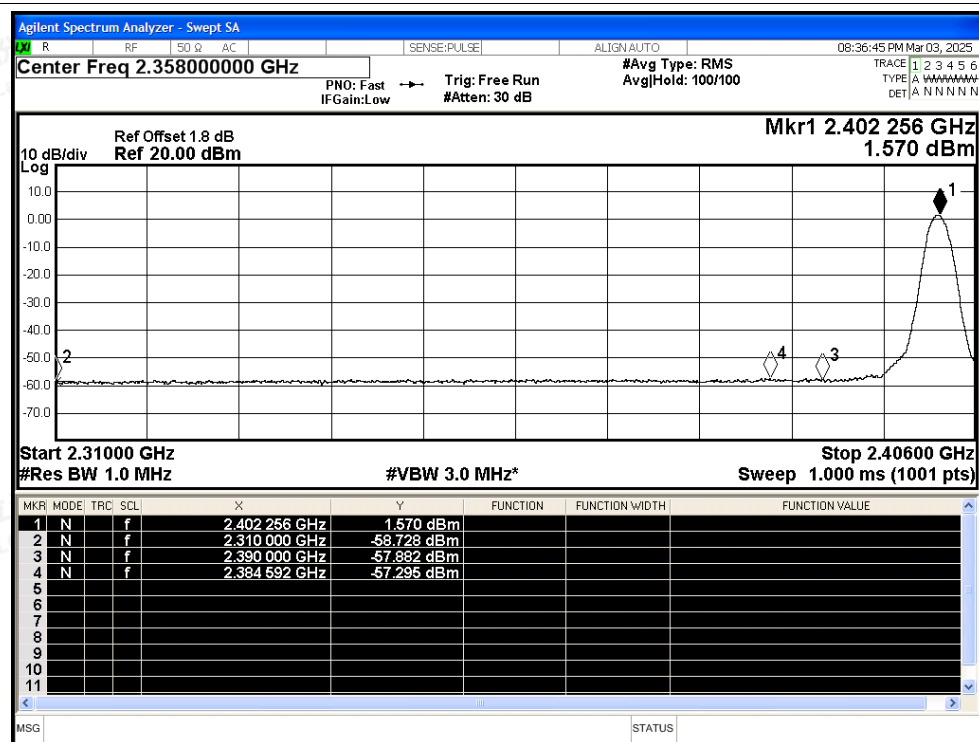
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Restrict Band NVNT BLE 2M 2402MHz Ant Peak



Restrict Band NVNT BLE 2M 2402MHz Ant Average



Shenzhen LCS Compliance Testing Laboratory Ltd.

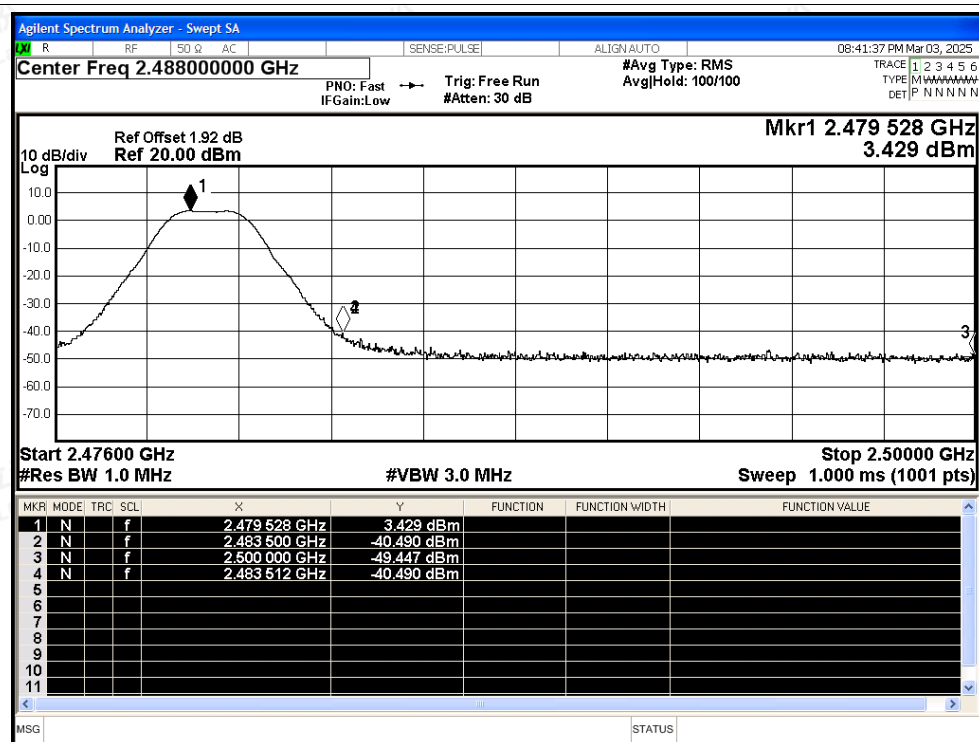
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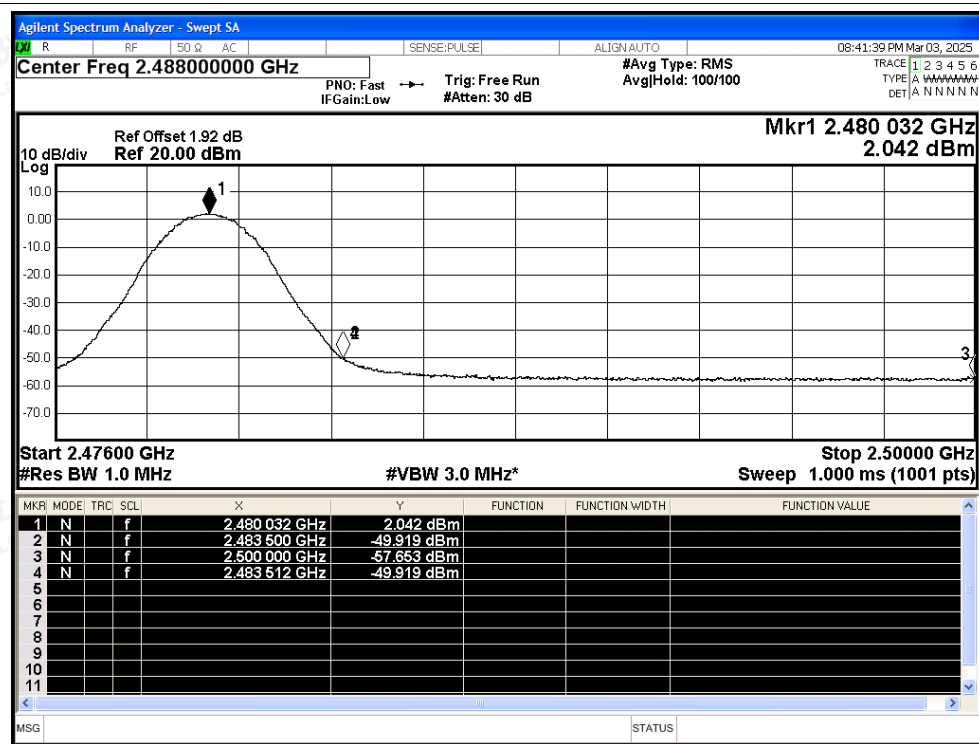
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Restrict Band NVNT BLE 2M 2480MHz Ant Peak



Restrict Band NVNT BLE 2M 2480MHz Ant Average



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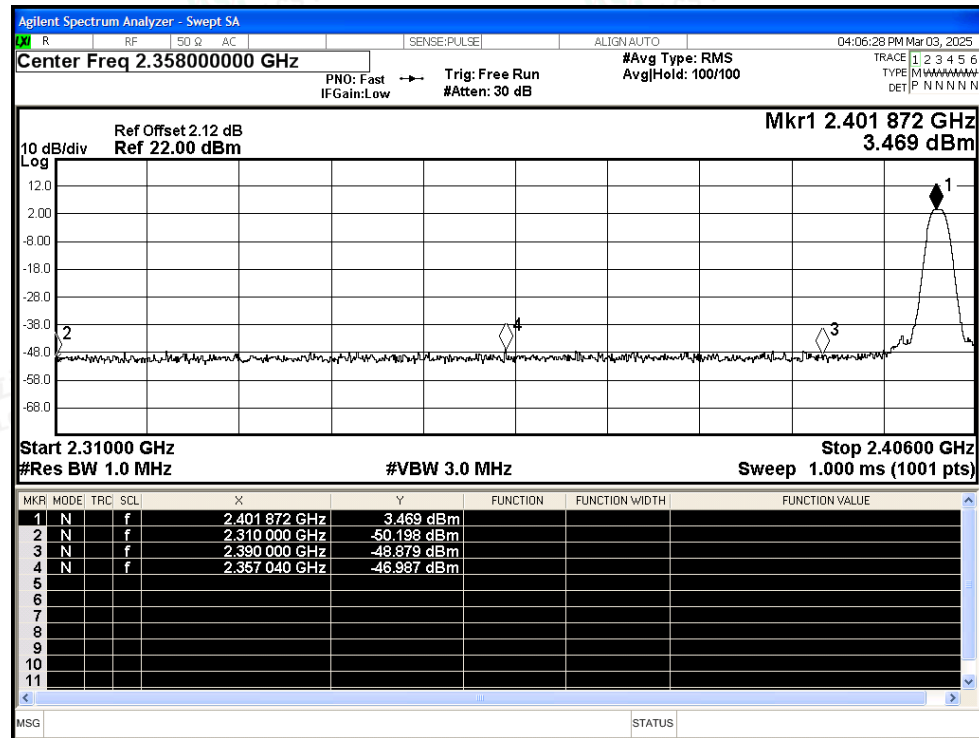
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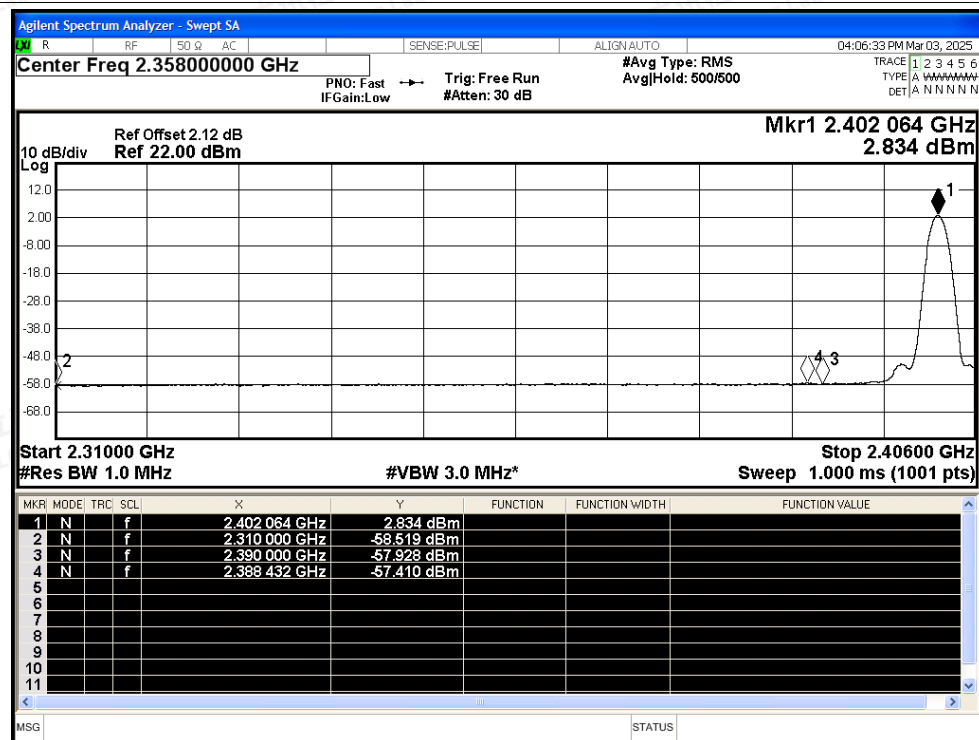


Test Graphs

Restrict Band NVNT BLE 125Kbps 2402MHz Ant Peak



Restrict Band NVNT BLE 125Kbps 2402MHz Ant Average



Shenzhen LCS Compliance Testing Laboratory Ltd.

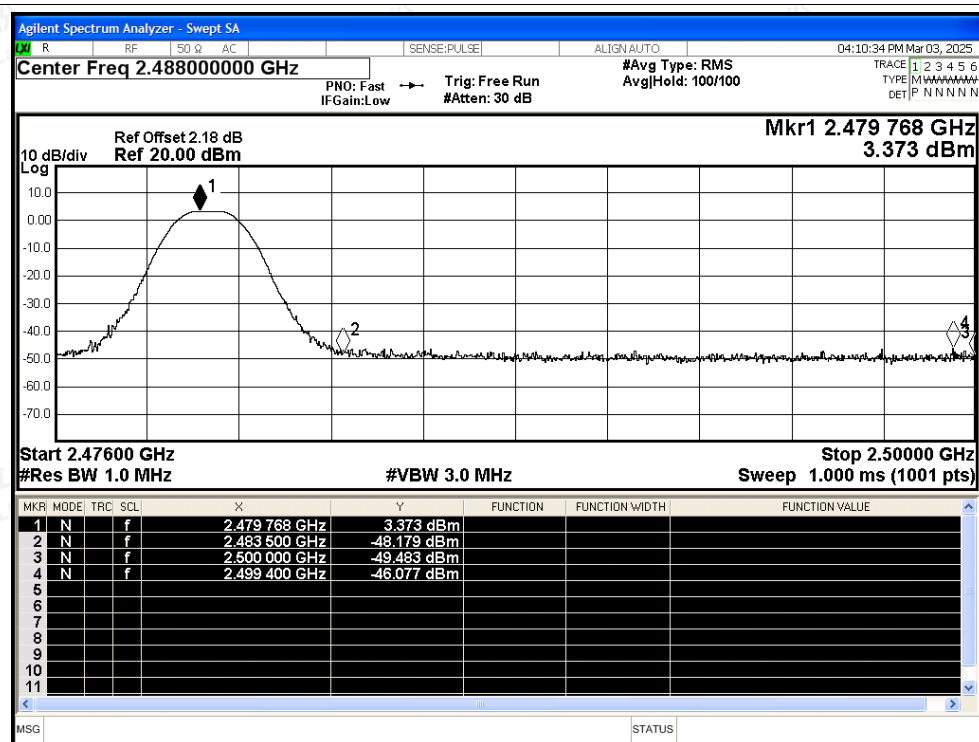
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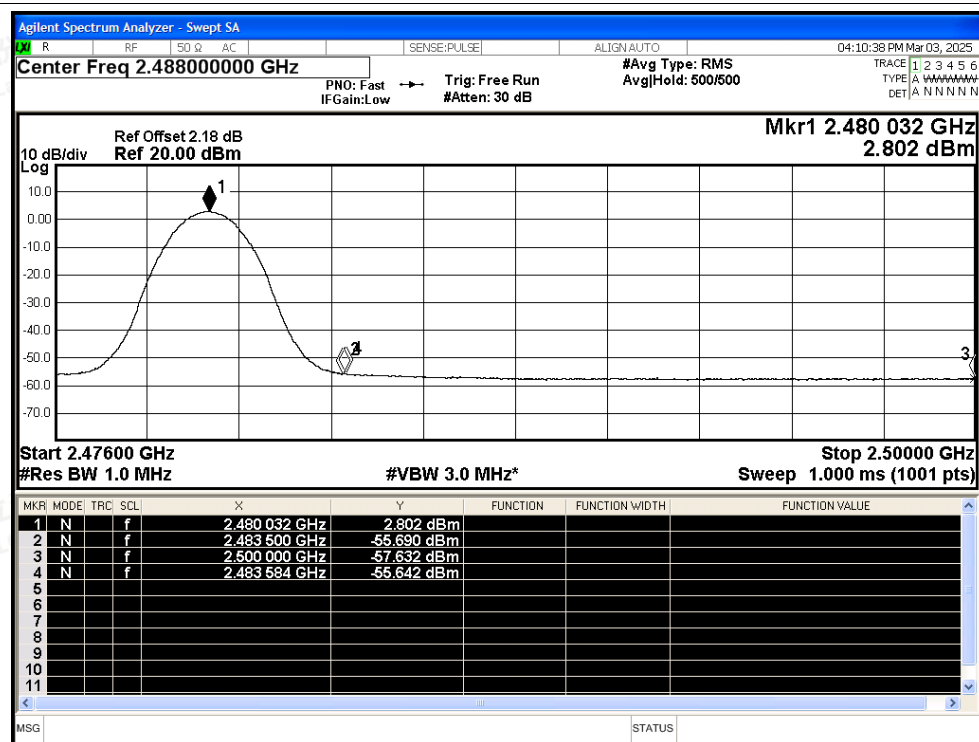
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Restrict Band NVNT BLE 125Kbps 2480MHz Ant Peak



Restrict Band NVNT BLE 125Kbps 2480MHz Ant Average



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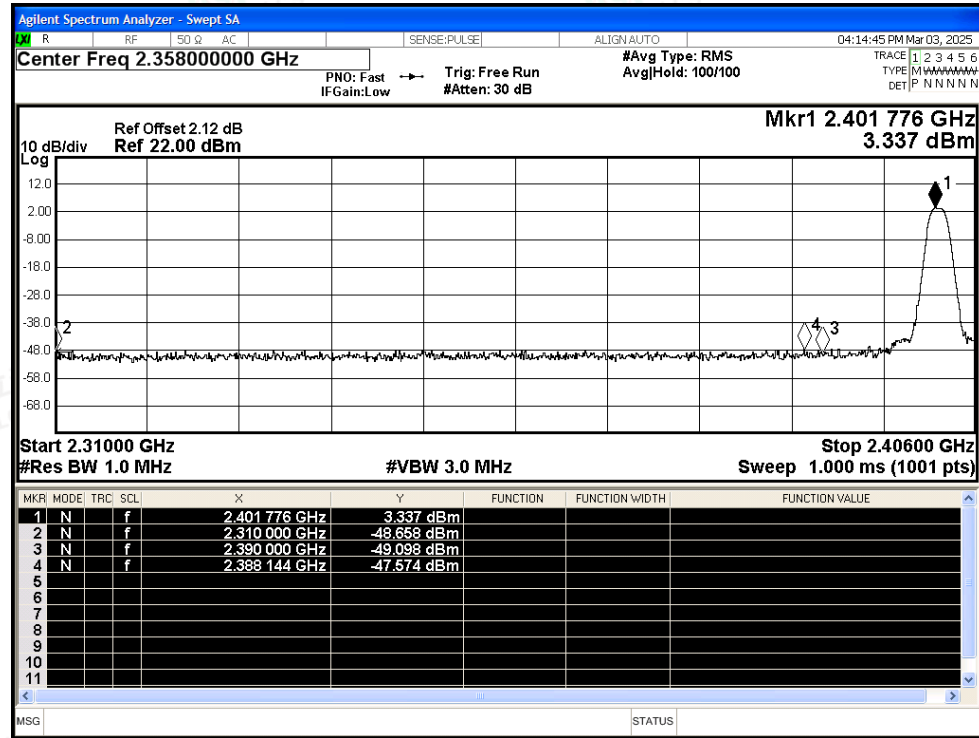
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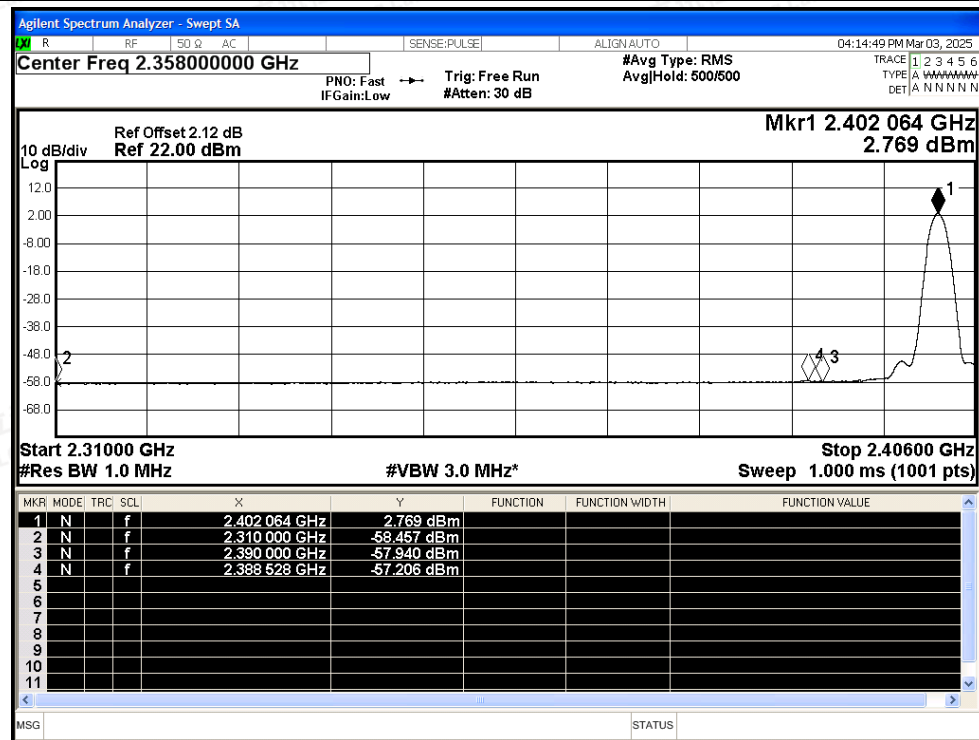


Test Graphs

Restrict Band NVNT BLE 500Kbps 2402MHz Ant Peak



Restrict Band NVNT BLE 500Kbps 2402MHz Ant Average



Shenzhen LCS Compliance Testing Laboratory Ltd.

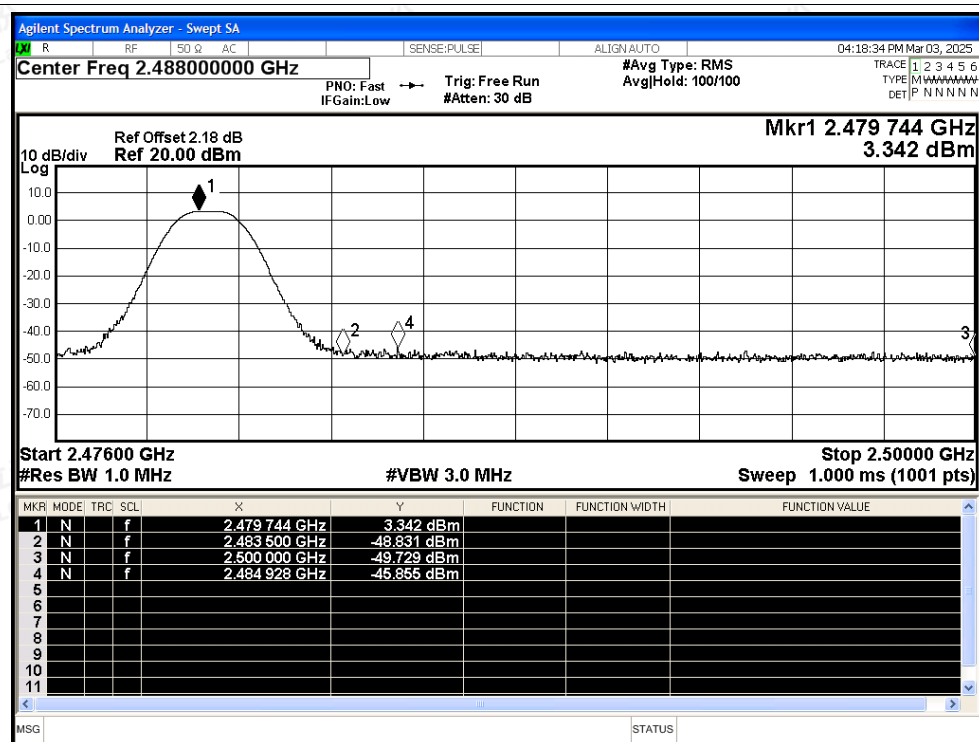
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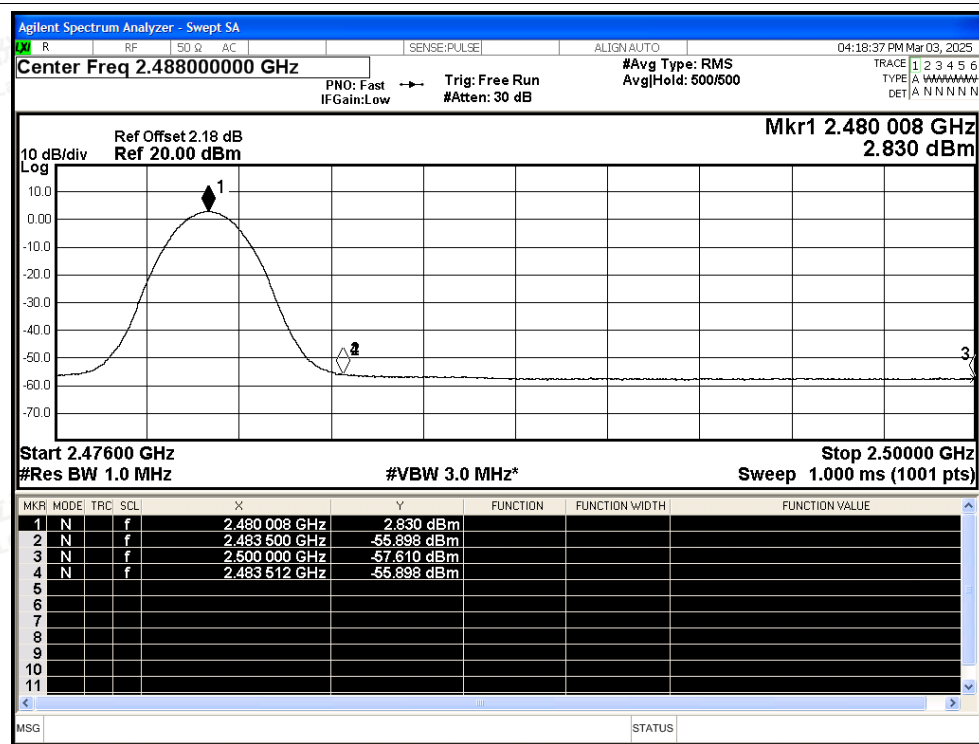
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Restrict Band NVNT BLE 500Kbps 2480MHz Ant Peak



Restrict Band NVNT BLE 500Kbps 2480MHz Ant Average



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