



Appendix B

RF Test Data for BT LE (Conducted Measurement)

Product Name: Compact 4K Presentation Device
Test Model: VIA CONNECT3

Environmental Conditions

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





B.1 -6dB Bandwidth

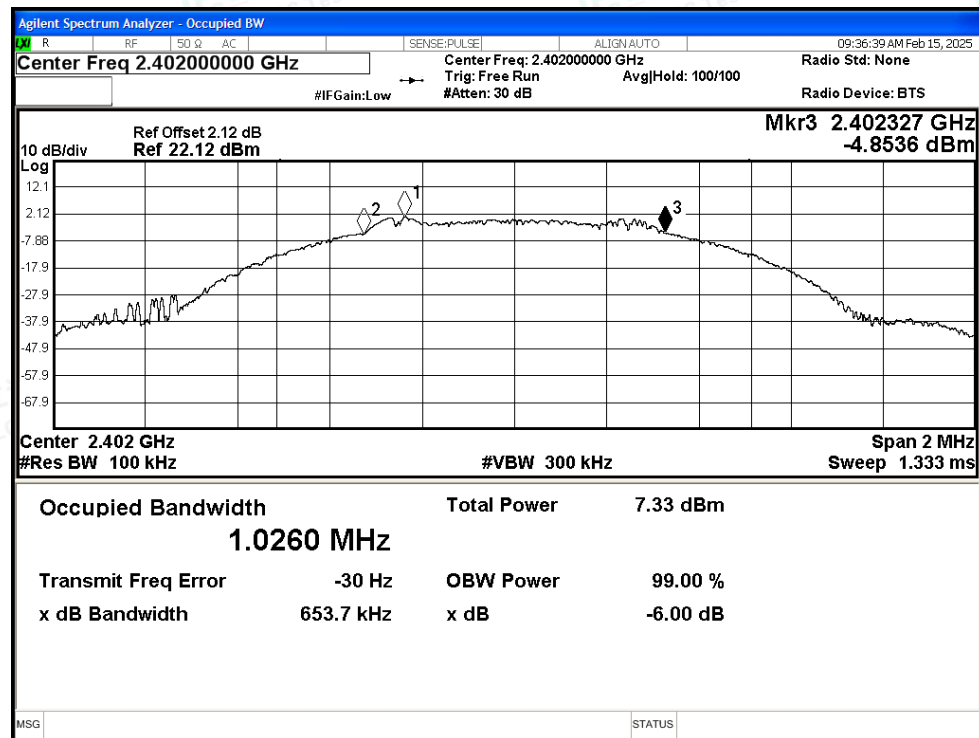
Condition	Mode	Frequency (MHz)	Antenna	-6 dB Bandwidth (MHz)	Limit -6 dB Bandwidth (MHz)	Verdict
NVNT	BLE 1M	2402	Ant1	0.654	≥ 0.5	Pass
NVNT	BLE 1M	2440	Ant1	0.656	≥ 0.5	Pass
NVNT	BLE 1M	2480	Ant1	0.653	≥ 0.5	Pass
NVNT	BLE 2M	2402	Ant1	1.125	≥ 0.5	Pass
NVNT	BLE 2M	2440	Ant1	1.118	≥ 0.5	Pass
NVNT	BLE 2M	2480	Ant1	1.168	≥ 0.5	Pass



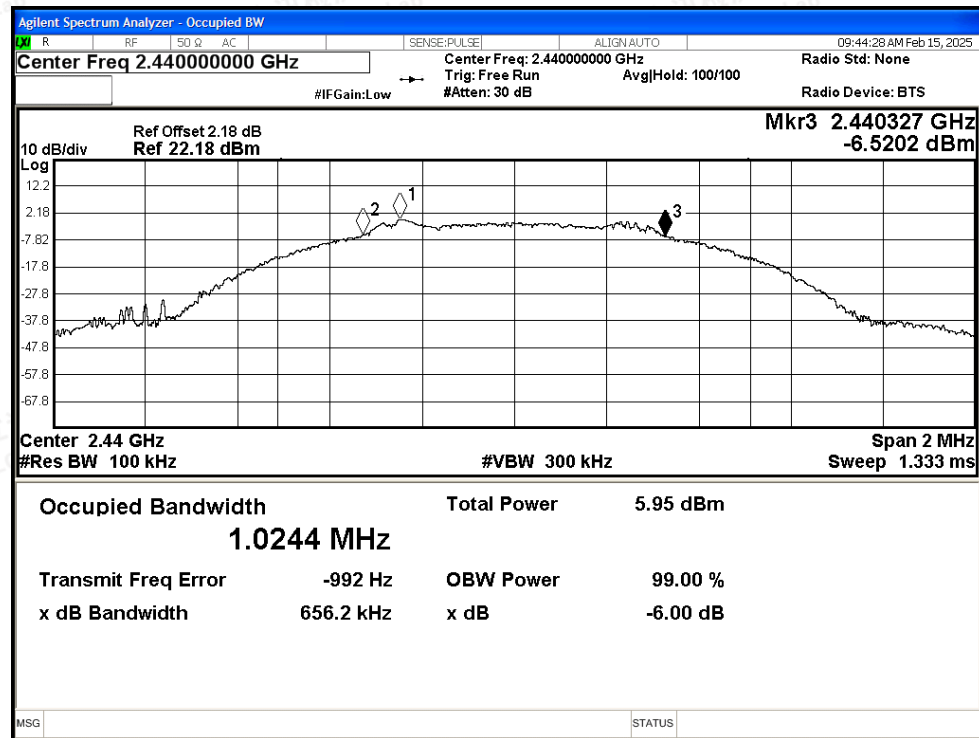


Test Graphs

-6dB Bandwidth NVNT BLE 1M 2402MHz Ant1



-6dB Bandwidth NVNT BLE 1M 2440MHz Ant1



Shenzhen LCS Compliance Testing Laboratory Ltd.

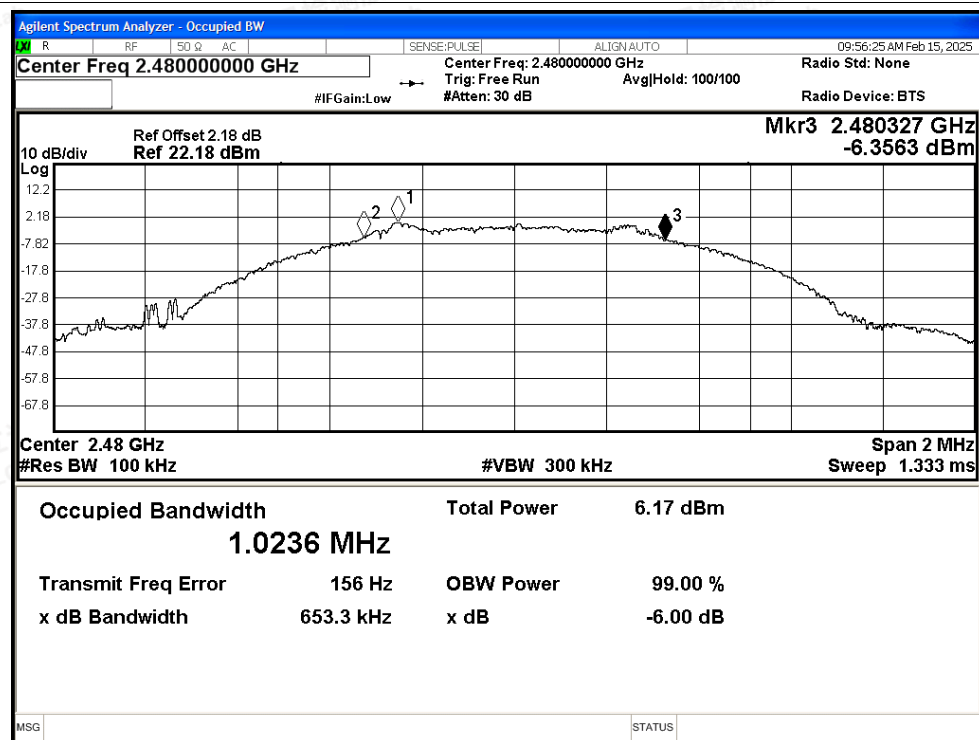
Add: 101, 201 Bldg A & 301 Bldg C, Juji Industrial Park Yabianxueziwei, Shajing Street, Baoan District, Shenzhen, 518000, China

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

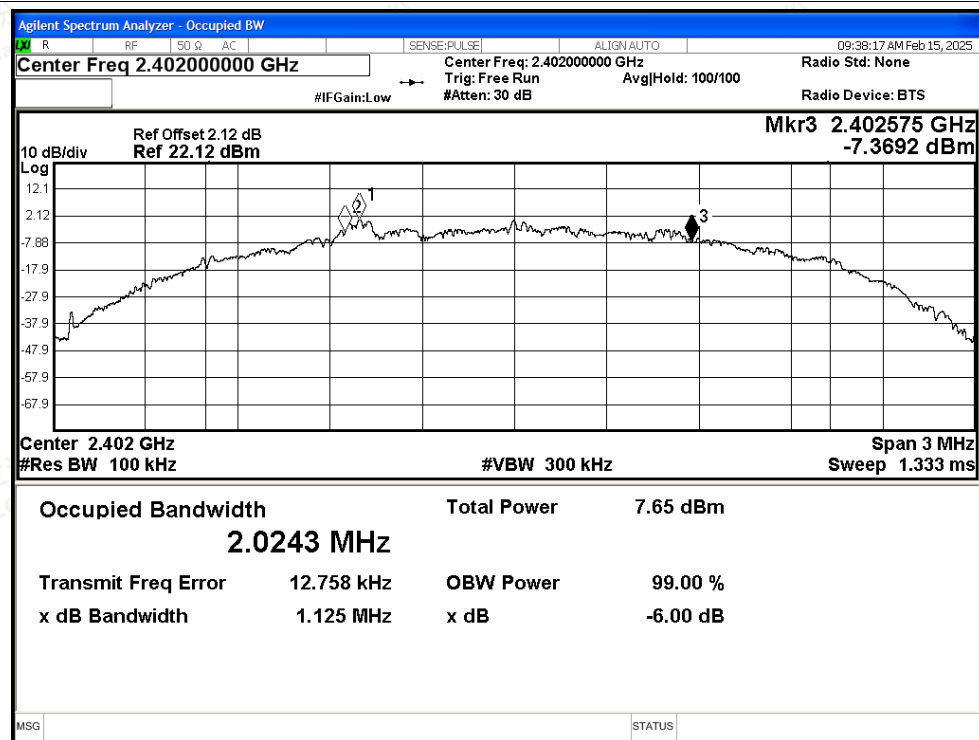
Scan code to check authenticity



-6dB Bandwidth NVNT BLE 1M 2480MHz Ant1



-6dB Bandwidth NVNT BLE 2M 2402MHz Ant1



Shenzhen LCS Compliance Testing Laboratory Ltd.

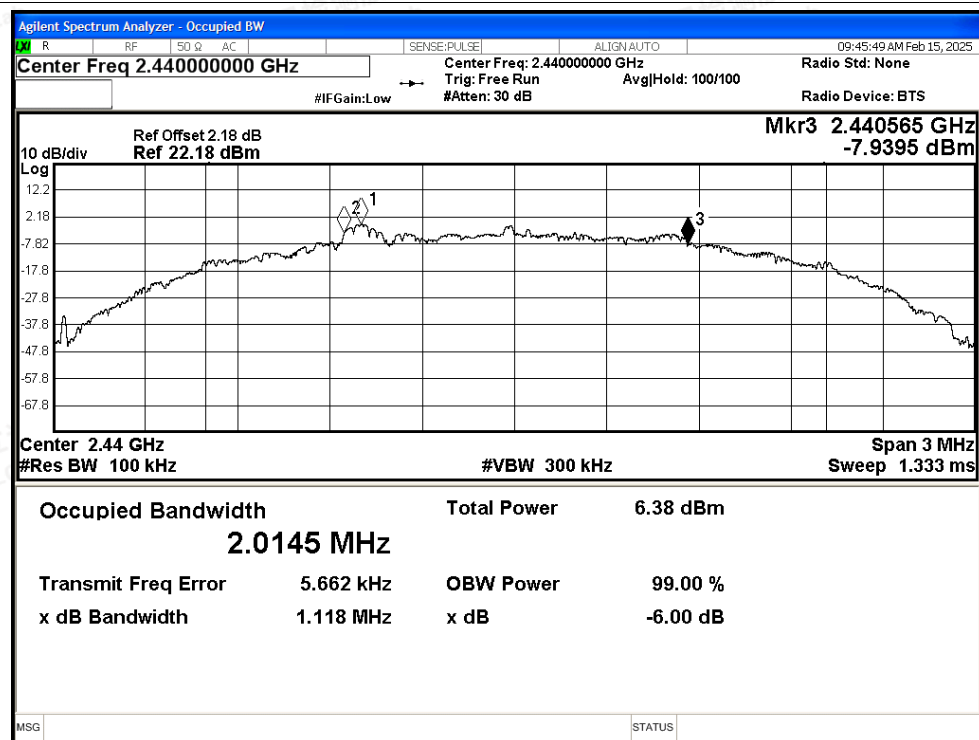
Add: 101, 201 Bldg A & 301 Bldg C, Juji Industrial Park Yabianxueziwei, Shajing Street, Baoan District, Shenzhen, 518000, China

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

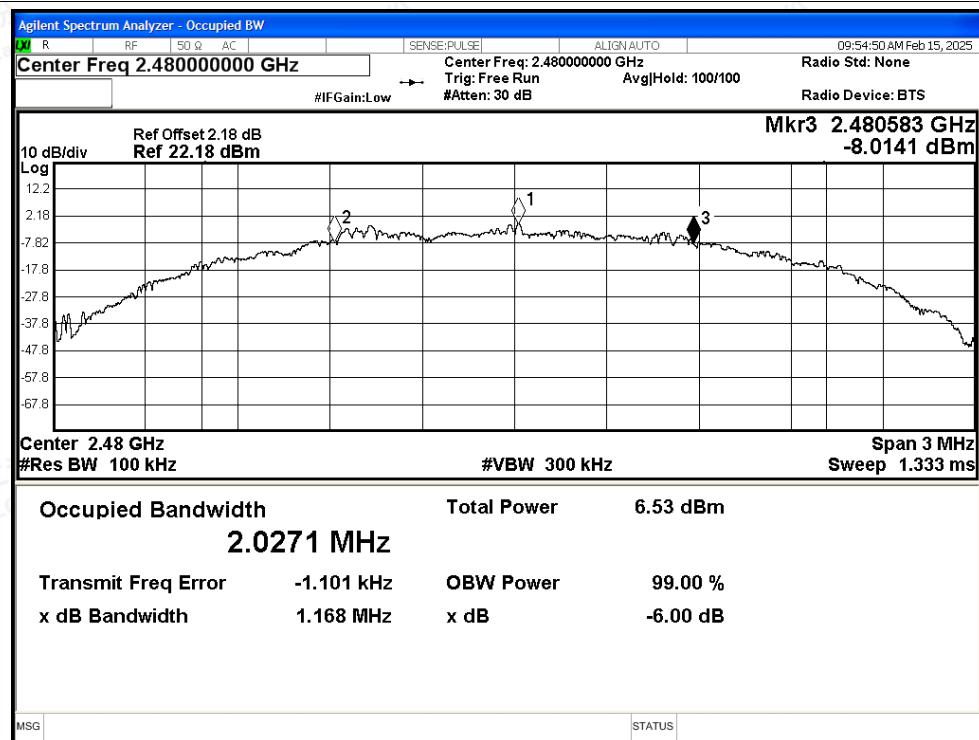
Scan code to check authenticity



-6dB Bandwidth NVNT BLE 2M 2440MHz Ant1



-6dB Bandwidth NVNT BLE 2M 2480MHz Ant1



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

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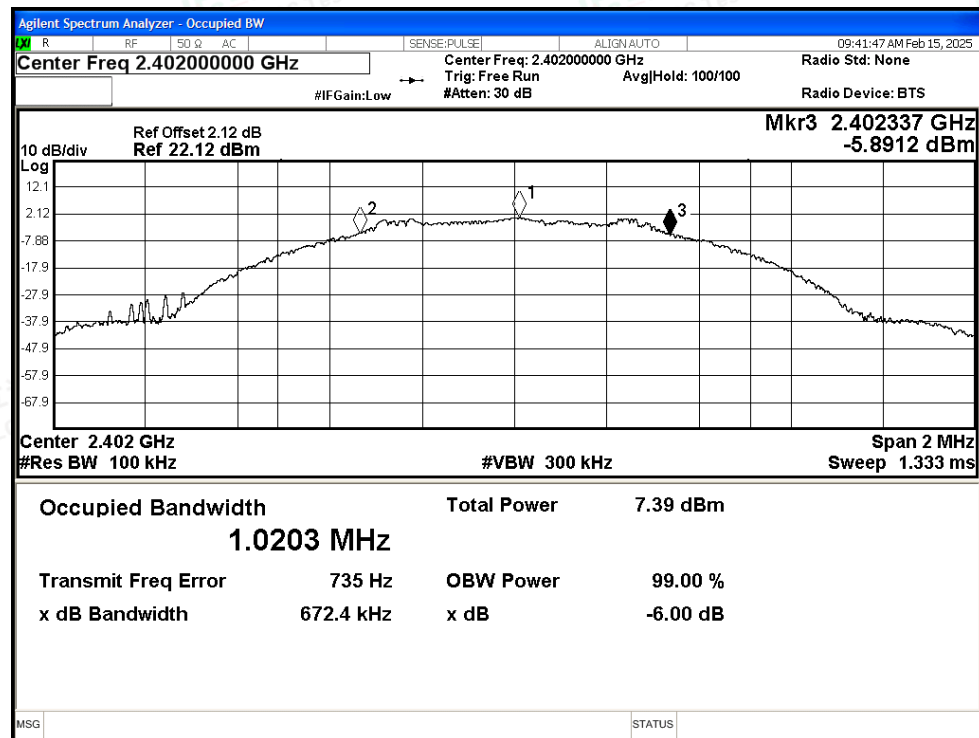
Condition	Mode	Frequency (MHz)	Antenna	-6 dB Bandwidth (MHz)	Limit -6 dB Bandwidth (MHz)	Verdict
NVNT	BLE 1M	2402	Ant3	0.672	≥ 0.5	Pass
NVNT	BLE 1M	2440	Ant3	0.653	≥ 0.5	Pass
NVNT	BLE 1M	2480	Ant3	0.653	≥ 0.5	Pass
NVNT	BLE 2M	2402	Ant3	1.169	≥ 0.5	Pass
NVNT	BLE 2M	2440	Ant3	1.145	≥ 0.5	Pass
NVNT	BLE 2M	2480	Ant3	1.119	≥ 0.5	Pass



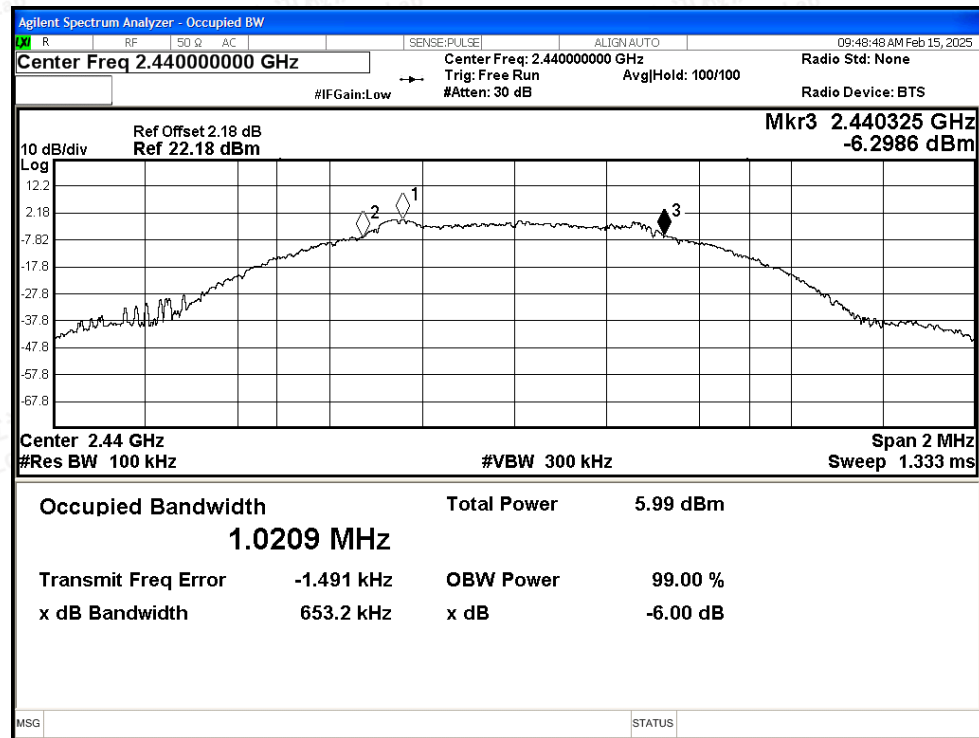


Test Graphs

-6dB Bandwidth NVNT BLE 1M 2402MHz Ant3



-6dB Bandwidth NVNT BLE 1M 2440MHz Ant3



Shenzhen LCS Compliance Testing Laboratory Ltd.

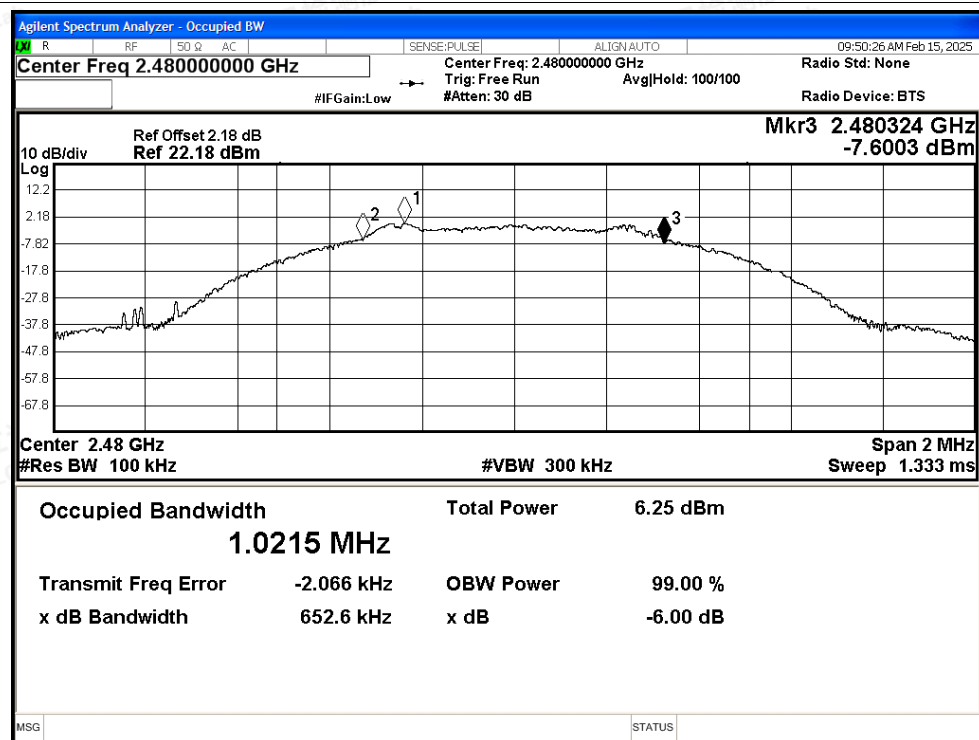
Add: 101, 201 Bldg A & 301 Bldg C, Juji Industrial Park Yabianxueziwei, Shajing Street, Baoan District, Shenzhen, 518000, China

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

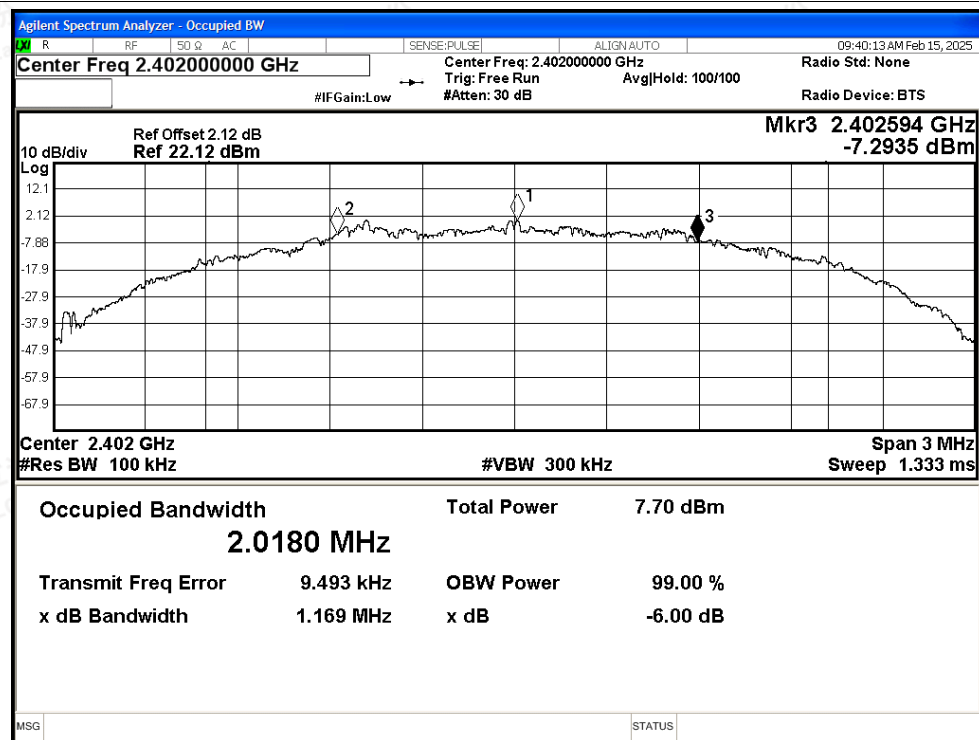
Scan code to check authenticity



-6dB Bandwidth NVNT BLE 1M 2480MHz Ant3



-6dB Bandwidth NVNT BLE 2M 2402MHz Ant3



Shenzhen LCS Compliance Testing Laboratory Ltd.

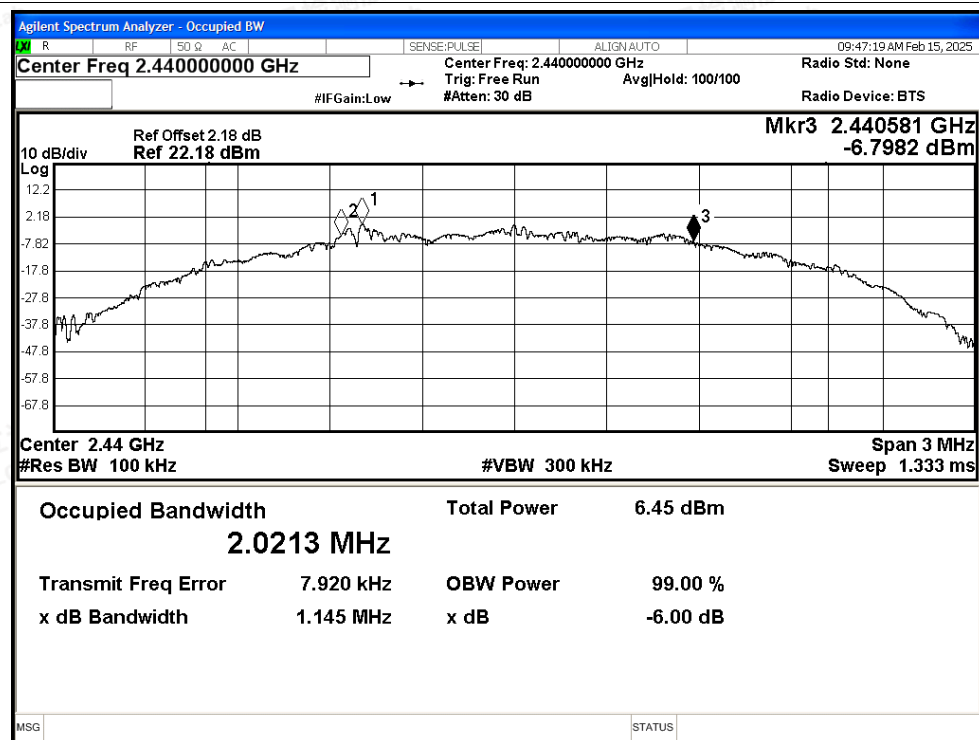
Add: 101, 201 Bldg A & 301 Bldg C, Juji Industrial Park Yabianxueziwei, Shajing Street, Baoan District, Shenzhen, 518000, China

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

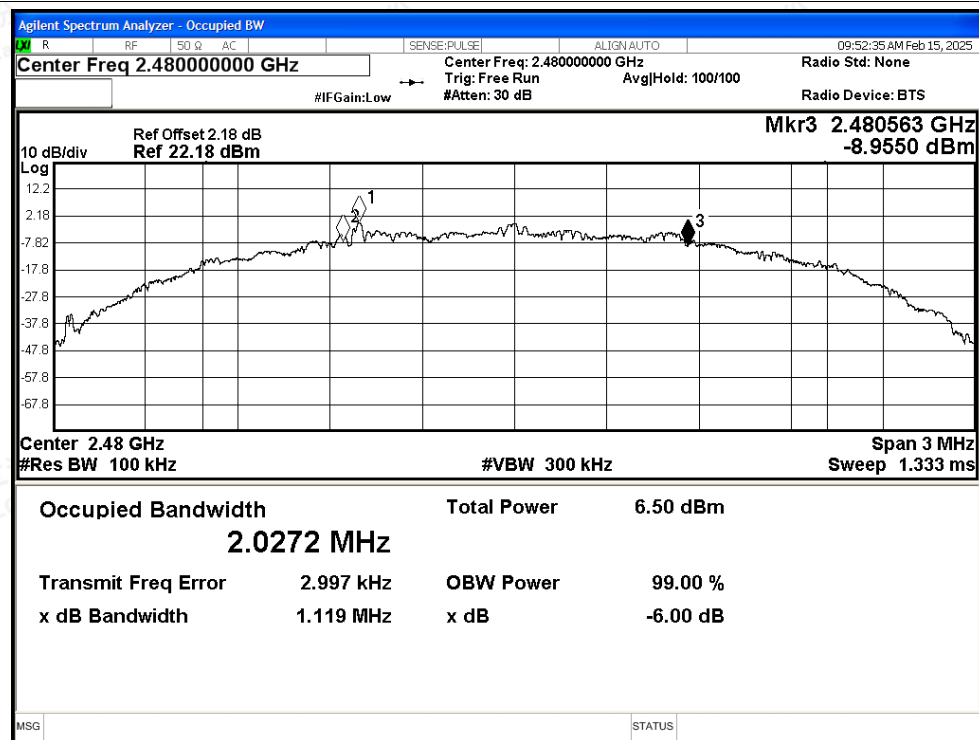
Scan code to check authenticity



-6dB Bandwidth NVNT BLE 2M 2440MHz Ant3



-6dB Bandwidth NVNT BLE 2M 2480MHz Ant3



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B.2 Maximum Peak Conducted Output Power

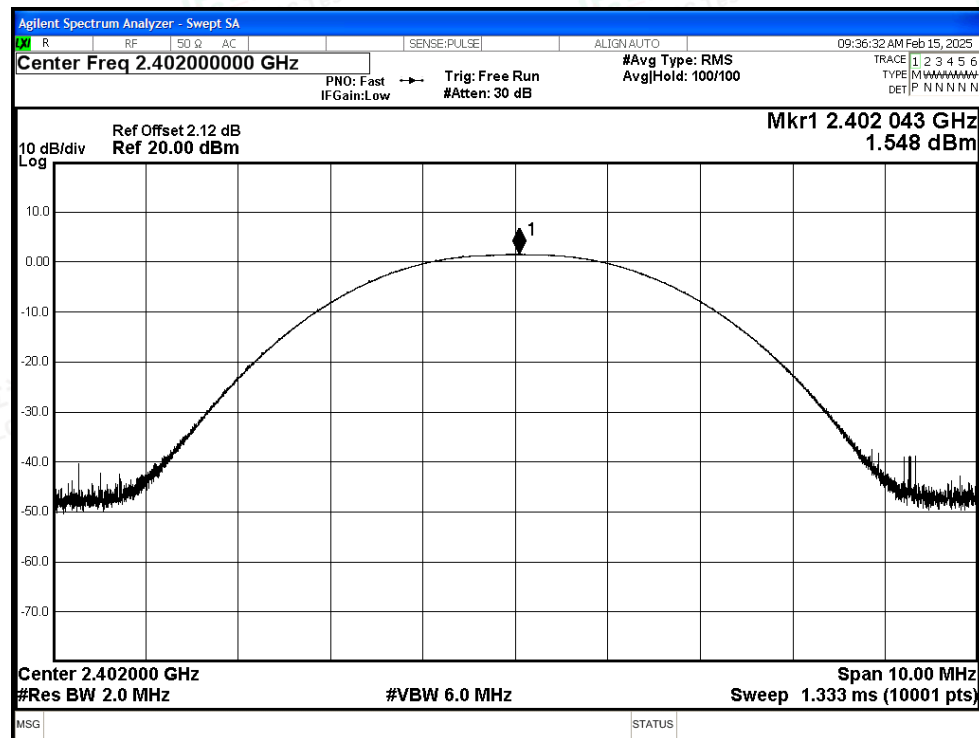
Condition	Mode	Frequency (MHz)	Antenna	Total Power (dBm)	Limit (dBm)	Verdict
NVNT	BLE 1M	2402	Ant1	1.55	30	Pass
NVNT	BLE 1M	2440	Ant1	0.11	30	Pass
NVNT	BLE 1M	2480	Ant1	0.35	30	Pass
NVNT	BLE 2M	2402	Ant1	1.42	30	Pass
NVNT	BLE 2M	2440	Ant1	-0.01	30	Pass
NVNT	BLE 2M	2480	Ant1	0.19	30	Pass



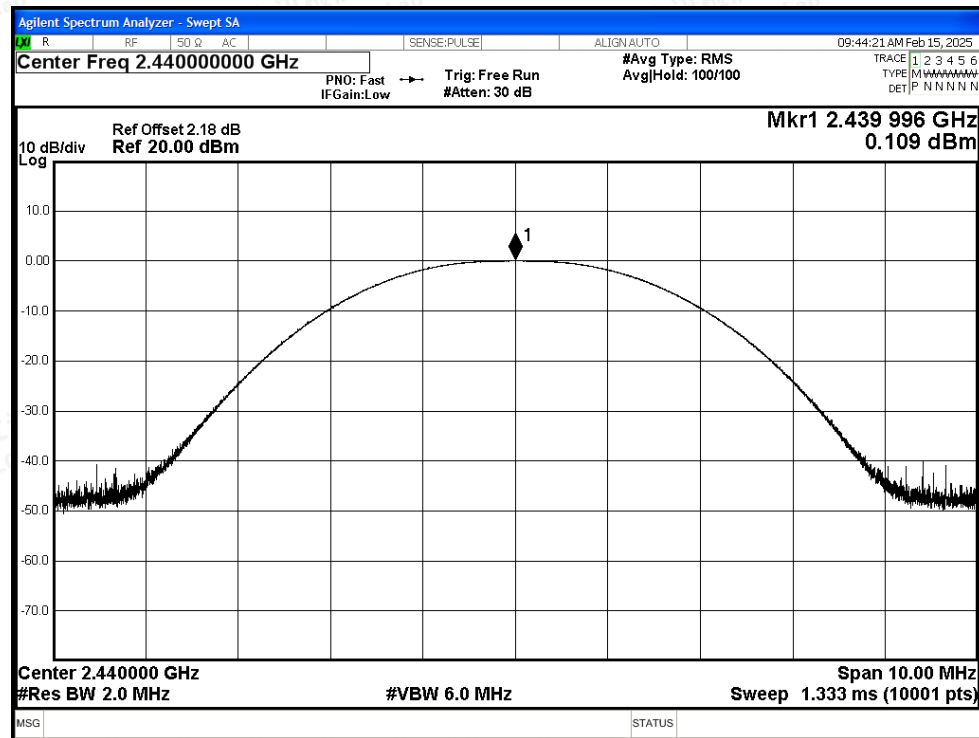


Test Graphs

Power NVNT BLE 1M 2402MHz Ant1

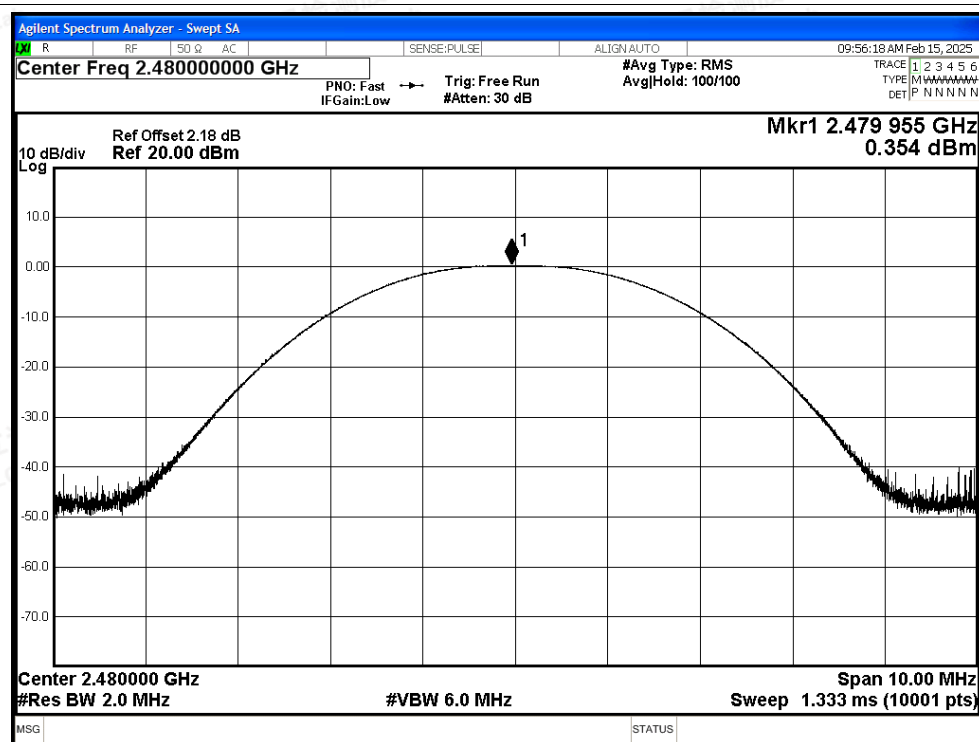


Power NVNT BLE 1M 2440MHz Ant1

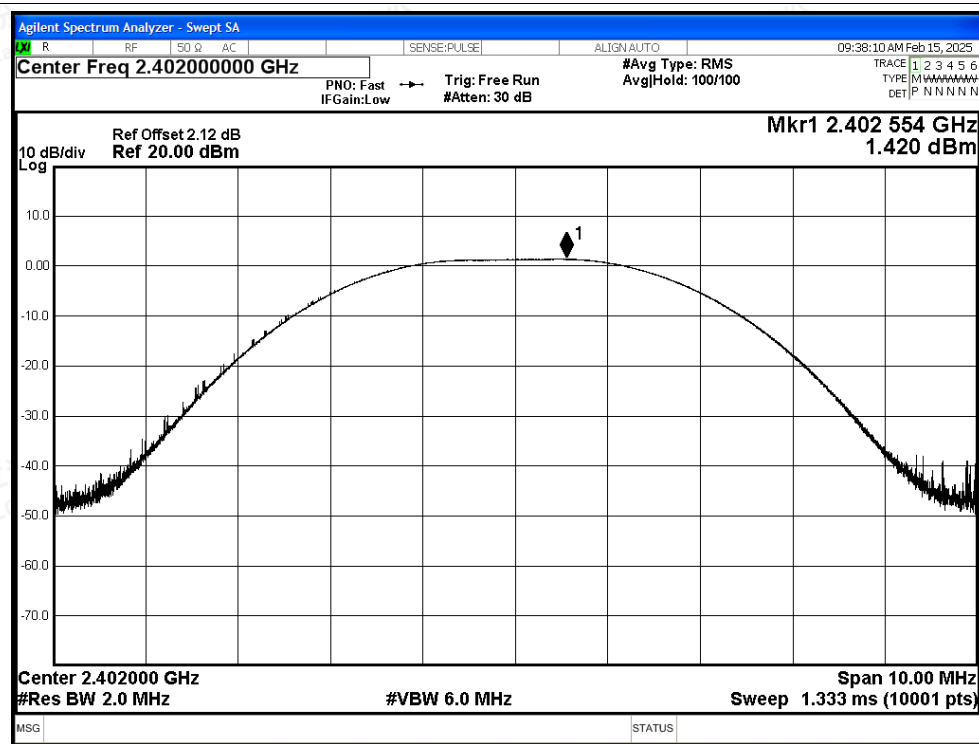




Power NVNT BLE 1M 2480MHz Ant1

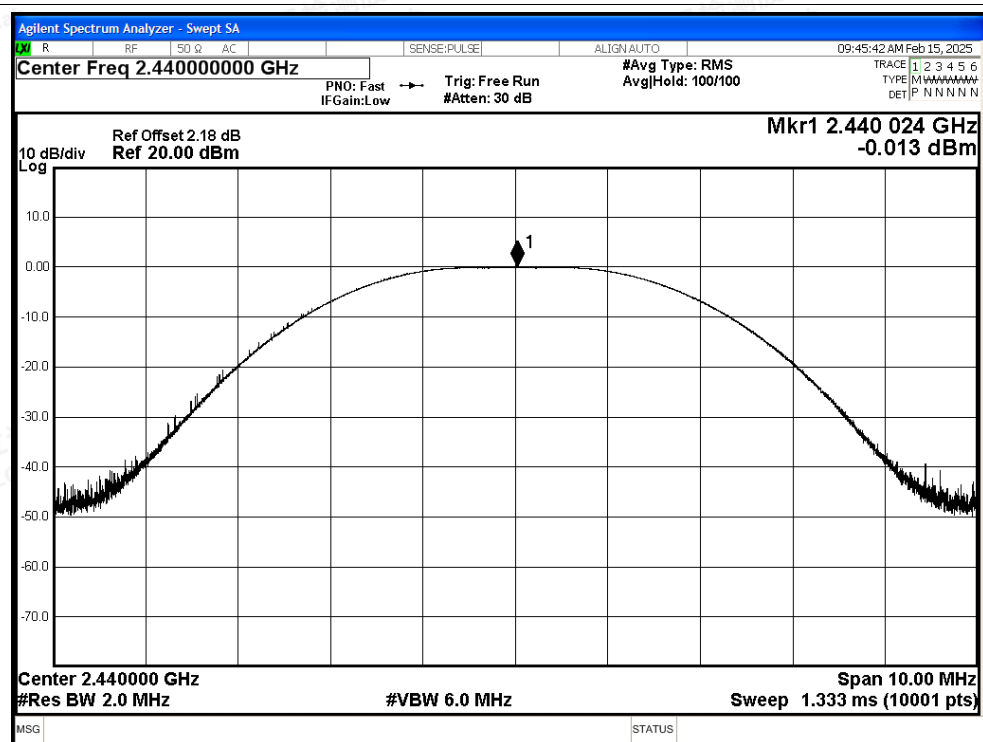


Power NVNT BLE 2M 2402MHz Ant1

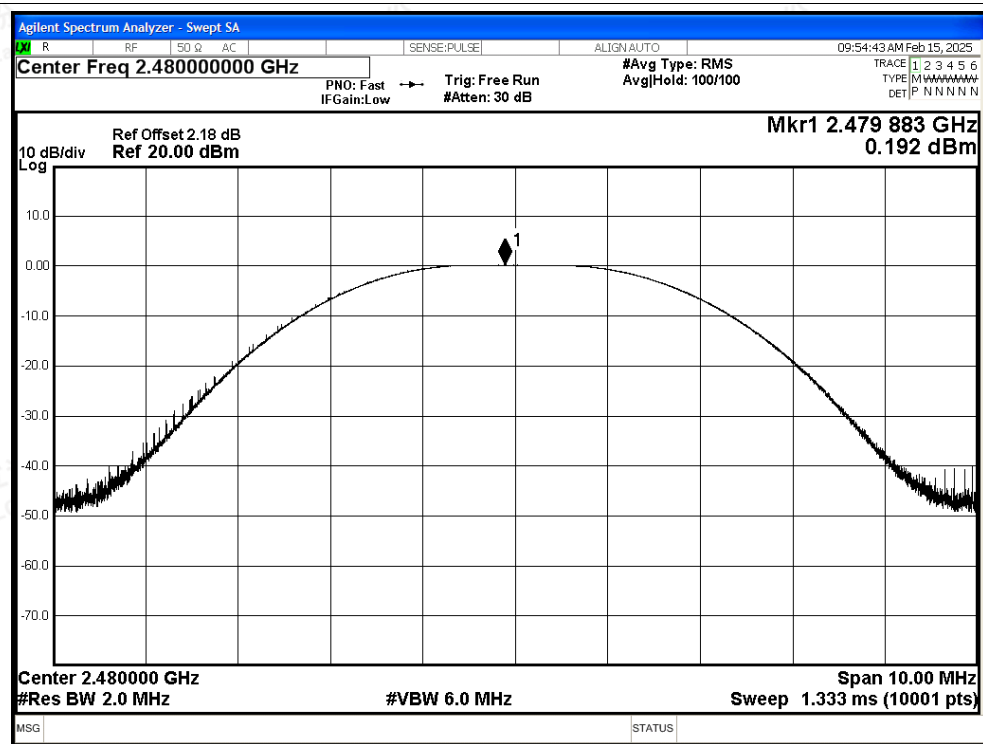




Power NVNT BLE 2M 2440MHz Ant1



Power NVNT BLE 2M 2480MHz Ant1



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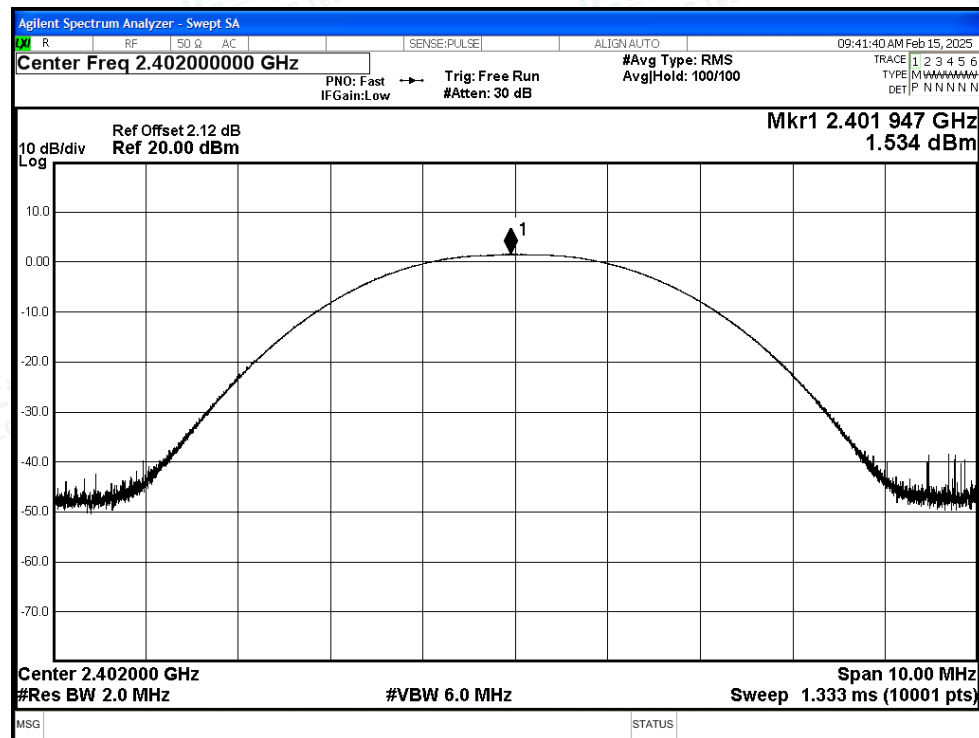
Condition	Mode	Frequency (MHz)	Antenna	Total Power (dBm)	Limit (dBm)	Verdict
NVNT	BLE 1M	2402	Ant3	1.53	30	Pass
NVNT	BLE 1M	2440	Ant3	0.16	30	Pass
NVNT	BLE 1M	2480	Ant3	0.34	30	Pass
NVNT	BLE 2M	2402	Ant3	1.47	30	Pass
NVNT	BLE 2M	2440	Ant3	-0.04	30	Pass
NVNT	BLE 2M	2480	Ant3	0.18	30	Pass



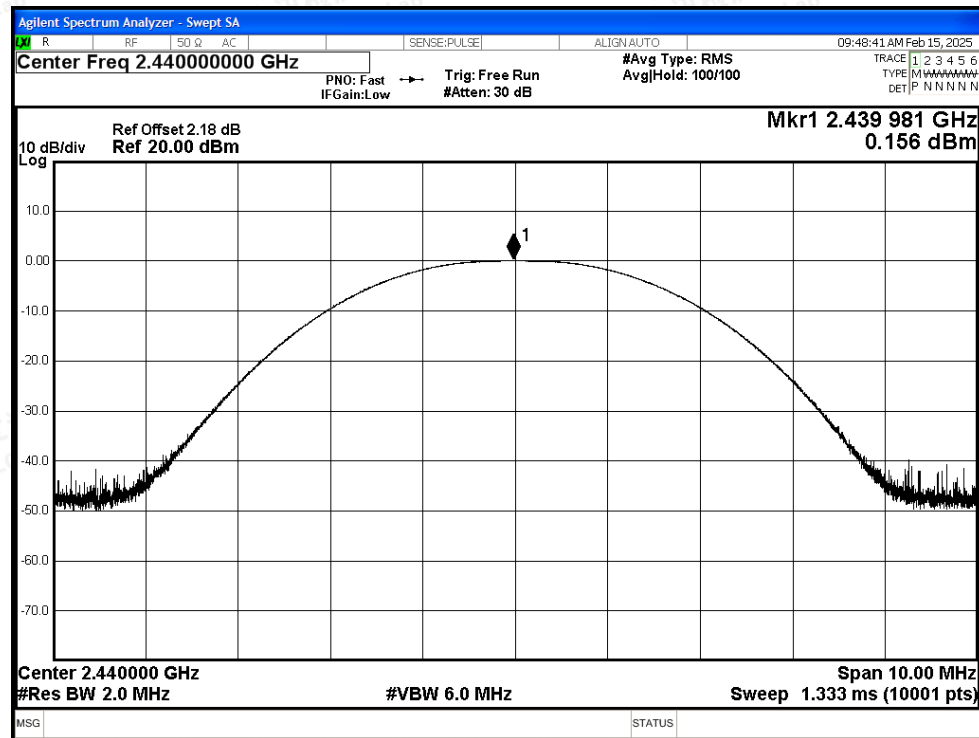


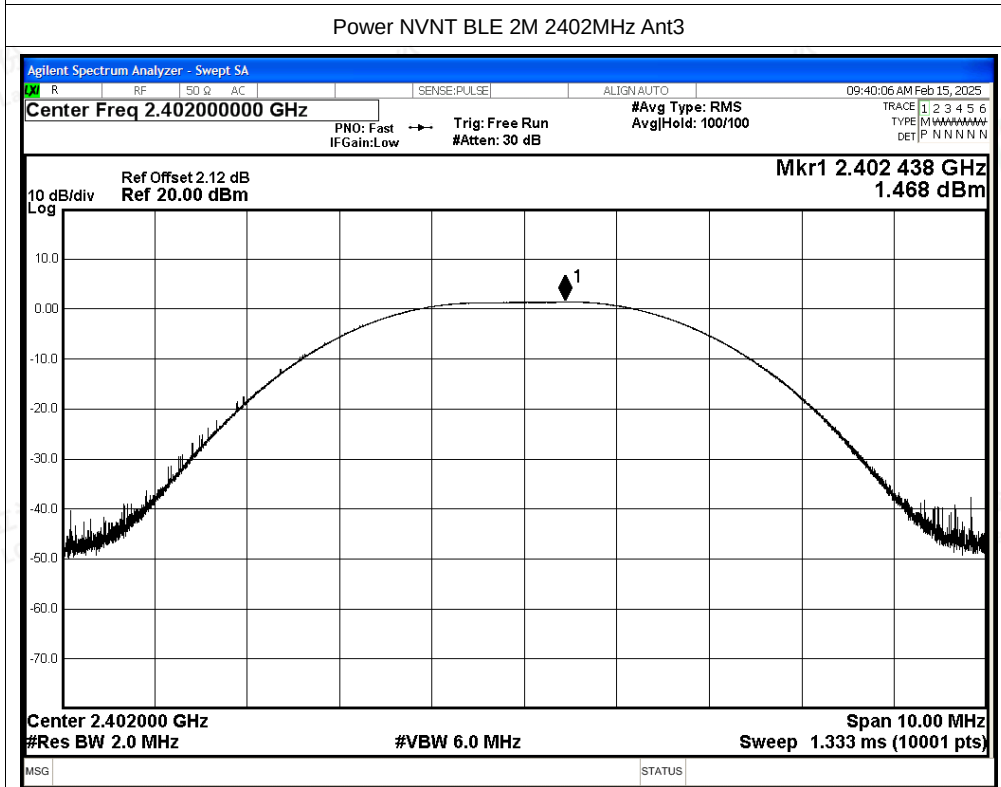
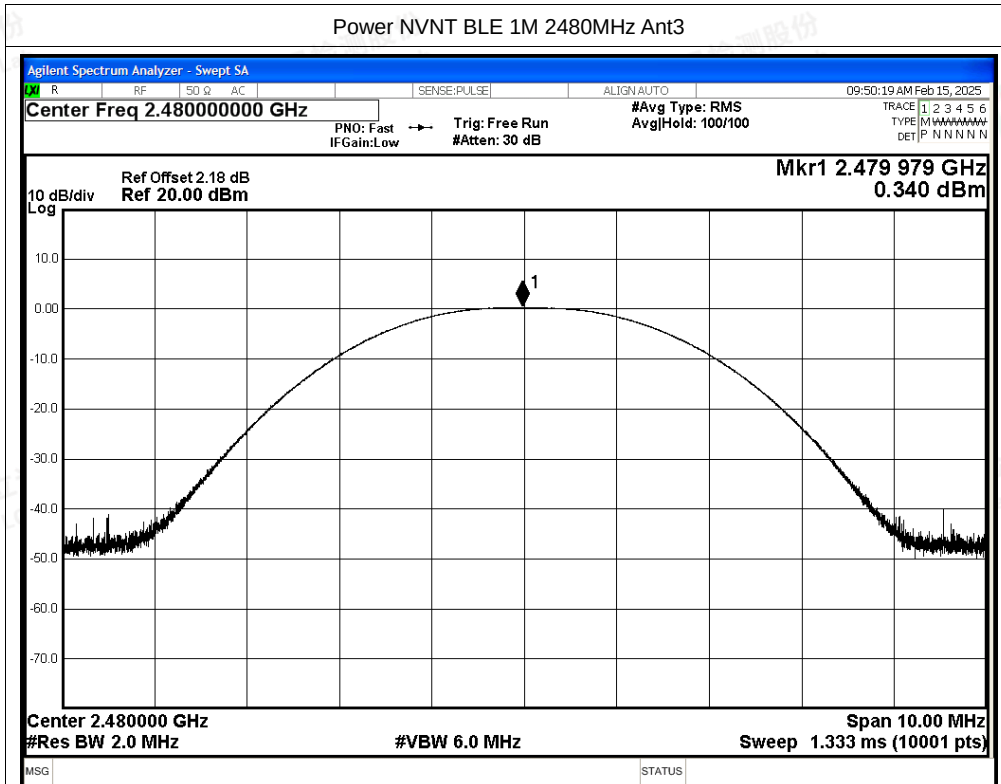
Test Graphs

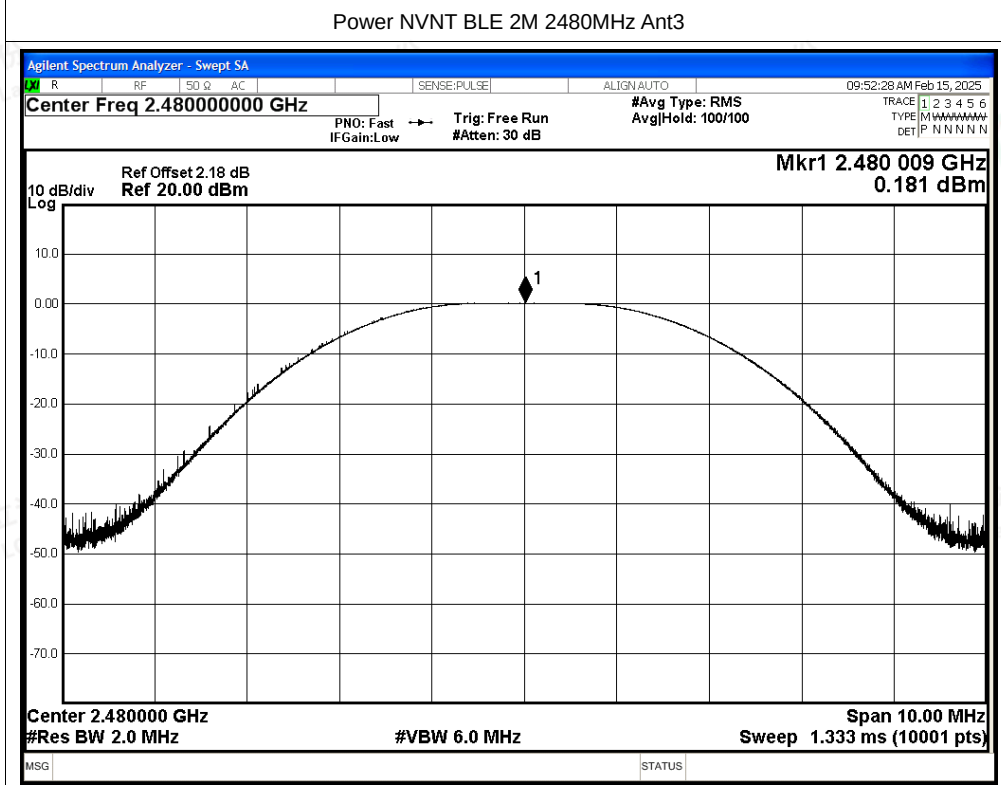
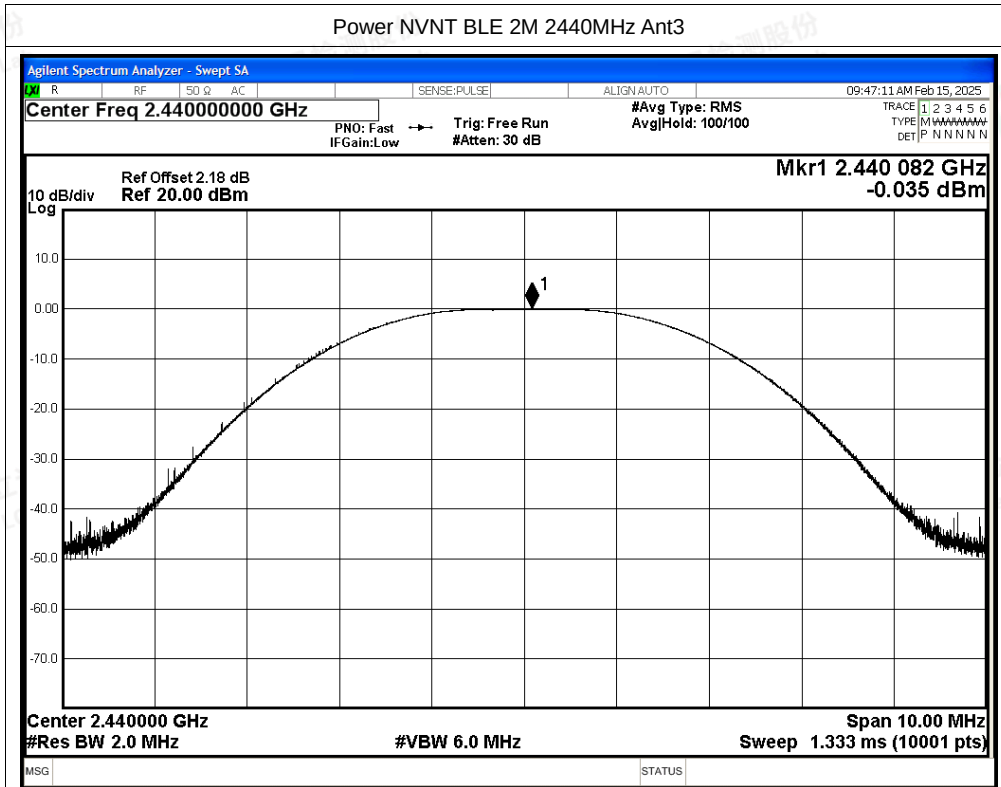
Power NVNT BLE 1M 2402MHz Ant3



Power NVNT BLE 1M 2440MHz Ant3









B.3 Maximum Power Spectral Density Level

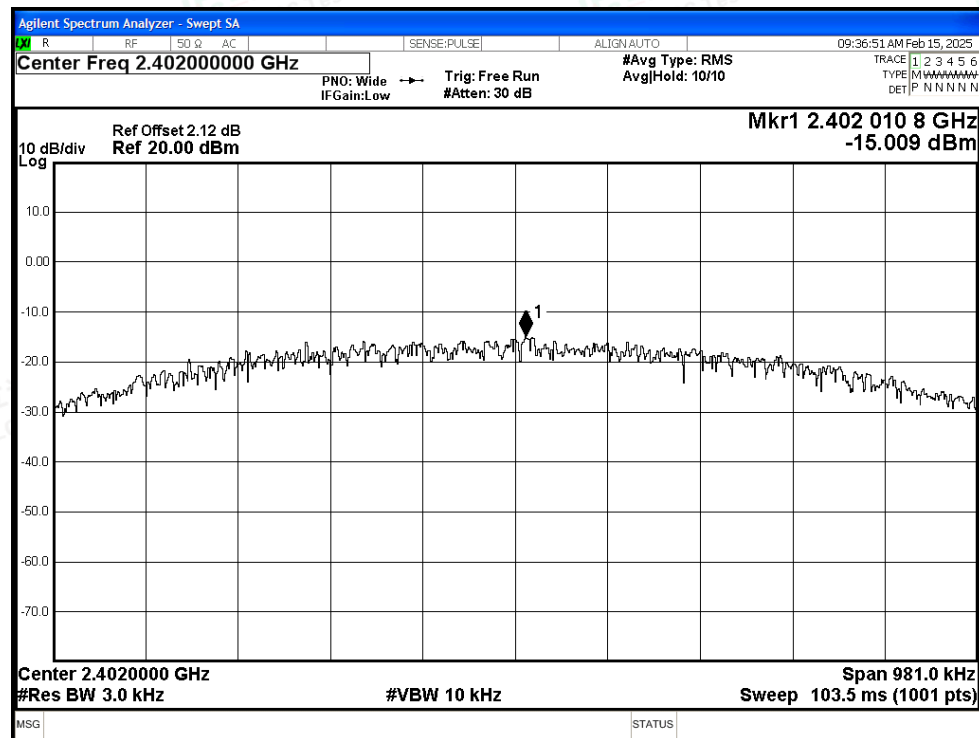
Condition	Mode	Frequency (MHz)	Ant1enna	Conducted PSD (dBm/3kHz)	Limit (dBm/3kHz)	Verdict
NVNT	BLE 1M	2402	Ant1	-15.01	8	Pass
NVNT	BLE 1M	2440	Ant1	-16.37	8	Pass
NVNT	BLE 1M	2480	Ant1	-16.05	8	Pass
NVNT	BLE 2M	2402	Ant1	-18.65	8	Pass
NVNT	BLE 2M	2440	Ant1	-19.85	8	Pass
NVNT	BLE 2M	2480	Ant1	-19.77	8	Pass



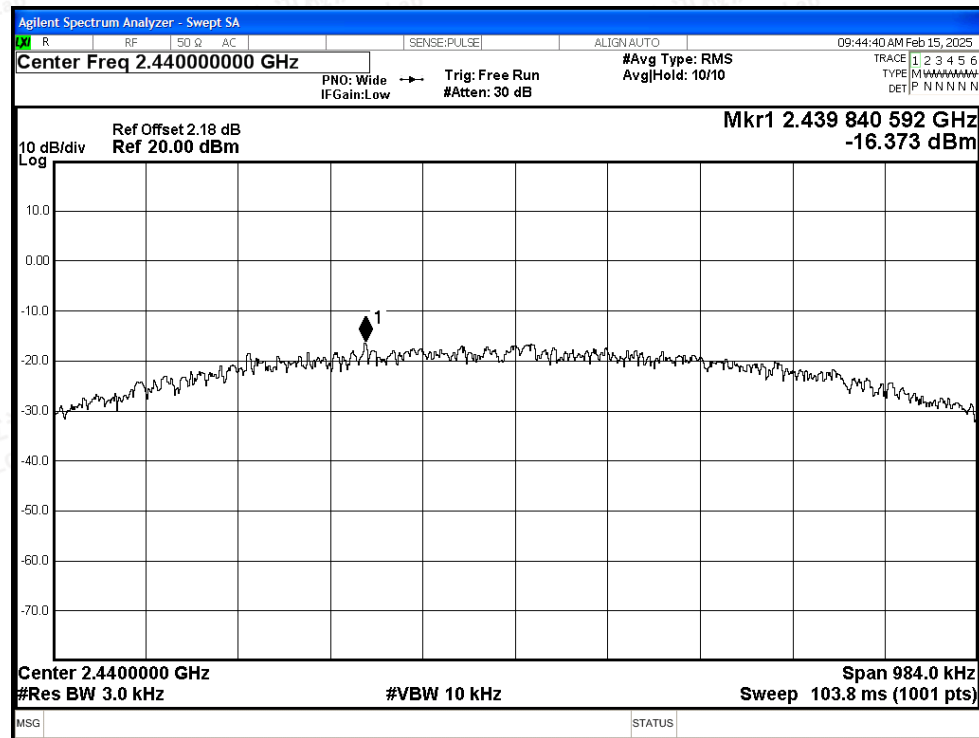


Test Graphs

PSD NVNT BLE 1M 2402MHz Ant1



PSD NVNT BLE 1M 2440MHz Ant1



Shenzhen LCS Compliance Testing Laboratory Ltd.

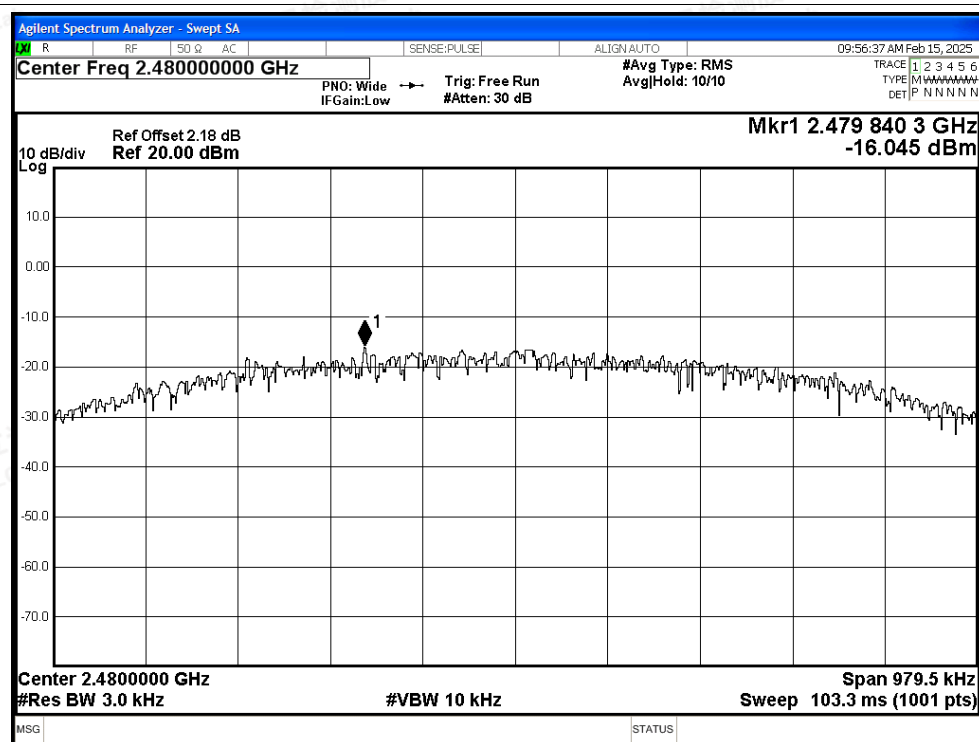
Add: 101, 201 Bldg A & 301 Bldg C, Juji Industrial Park Yabianxueziwei, Shajing Street, Baoan District, Shenzhen, 518000, China

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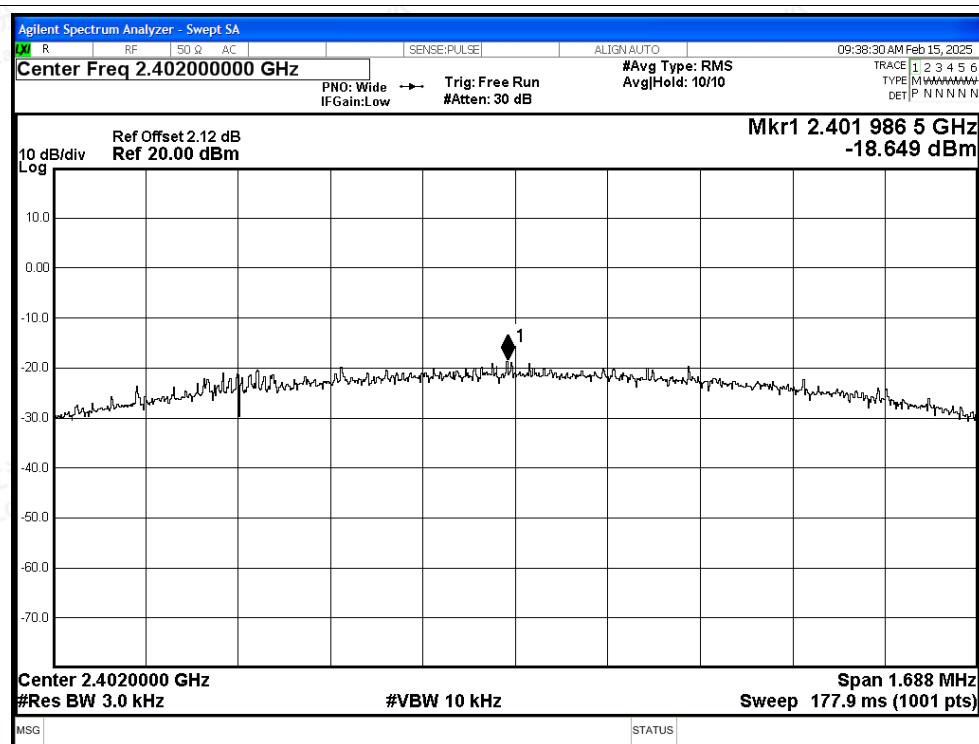
Scan code to check authenticity



PSD NVNT BLE 1M 2480MHz Ant1



PSD NVNT BLE 2M 2402MHz Ant1



Shenzhen LCS Compliance Testing Laboratory Ltd.

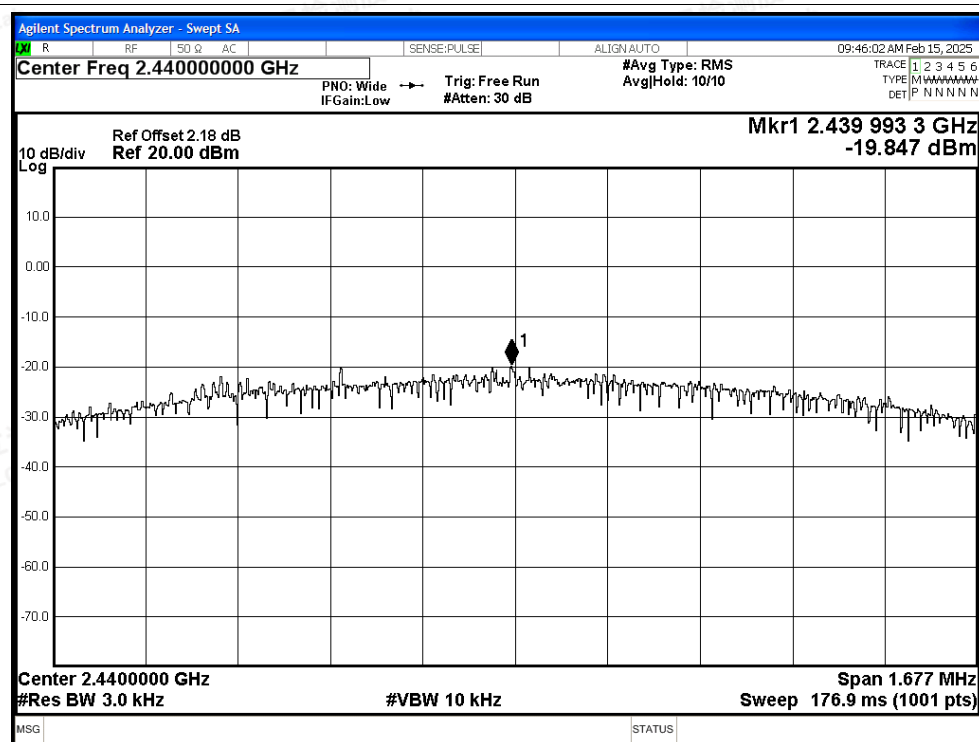
Add: 101, 201 Bldg A & 301 Bldg C, Juji Industrial Park Yabianxueziwei, Shajing Street, Baoan District, Shenzhen, 518000, China

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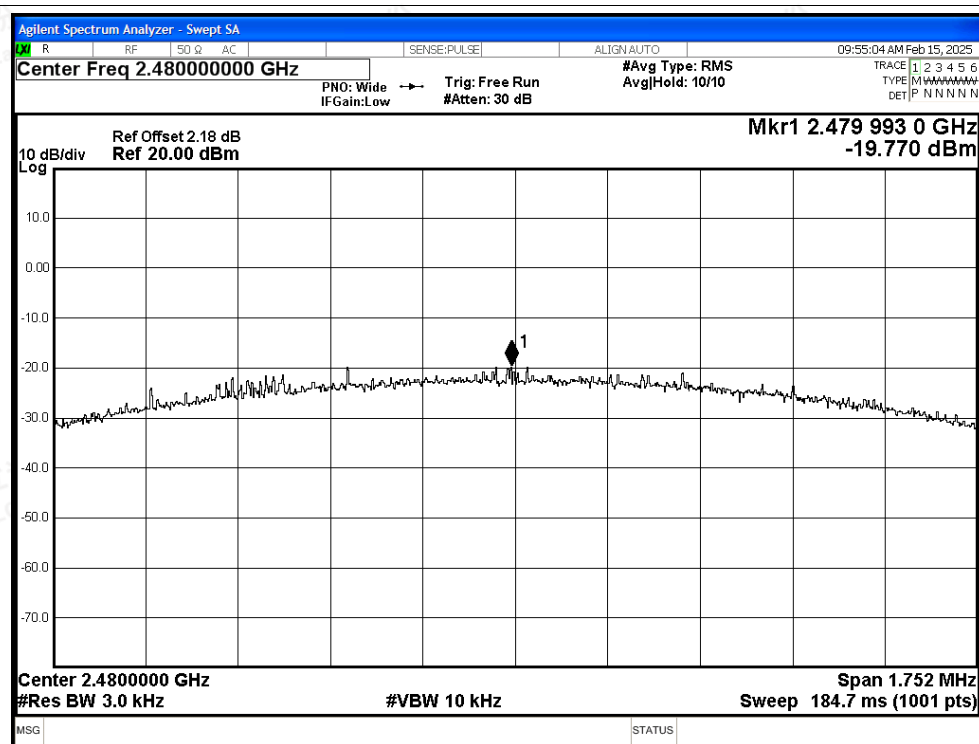
Scan code to check authenticity



PSD NVNT BLE 2M 2440MHz Ant1



PSD NVNT BLE 2M 2480MHz Ant1



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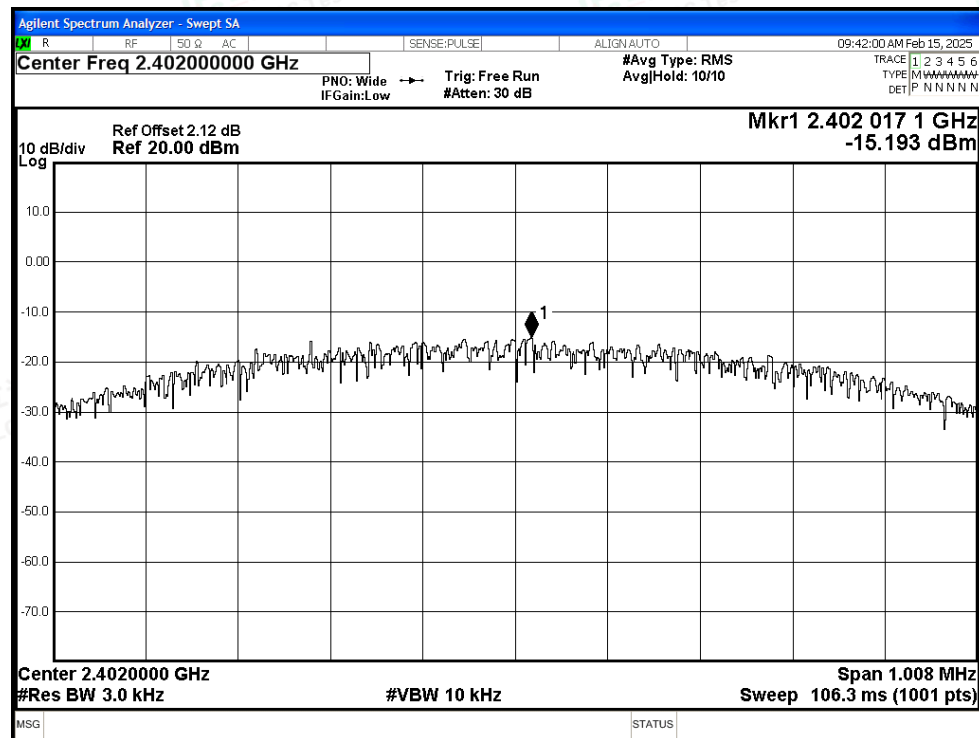
Condition	Mode	Frequency (MHz)	Antenna	Conducted PSD (dBm/3kHz)	Limit (dBm/3kHz)	Verdict
NVNT	BLE 1M	2402	Ant3	-15.19	8	Pass
NVNT	BLE 1M	2440	Ant3	-16.32	8	Pass
NVNT	BLE 1M	2480	Ant3	-16.27	8	Pass
NVNT	BLE 2M	2402	Ant3	-18.12	8	Pass
NVNT	BLE 2M	2440	Ant3	-19.53	8	Pass
NVNT	BLE 2M	2480	Ant3	-19.53	8	Pass



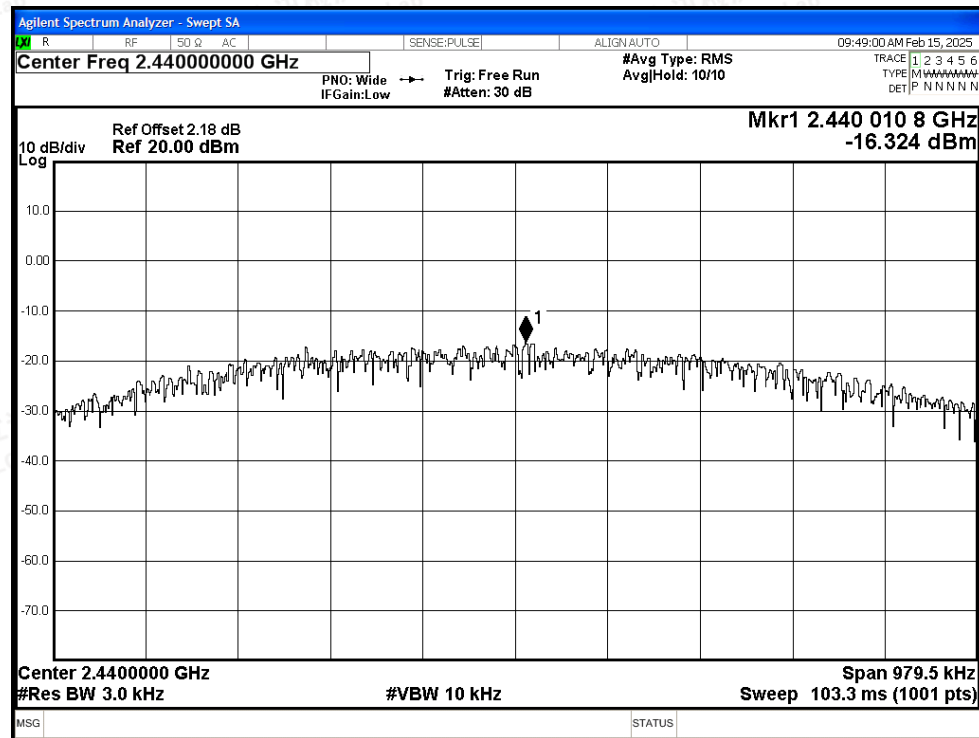


Test Graphs

PSD NVNT BLE 1M 2402MHz Ant3



PSD NVNT BLE 1M 2440MHz Ant3



Shenzhen LCS Compliance Testing Laboratory Ltd.

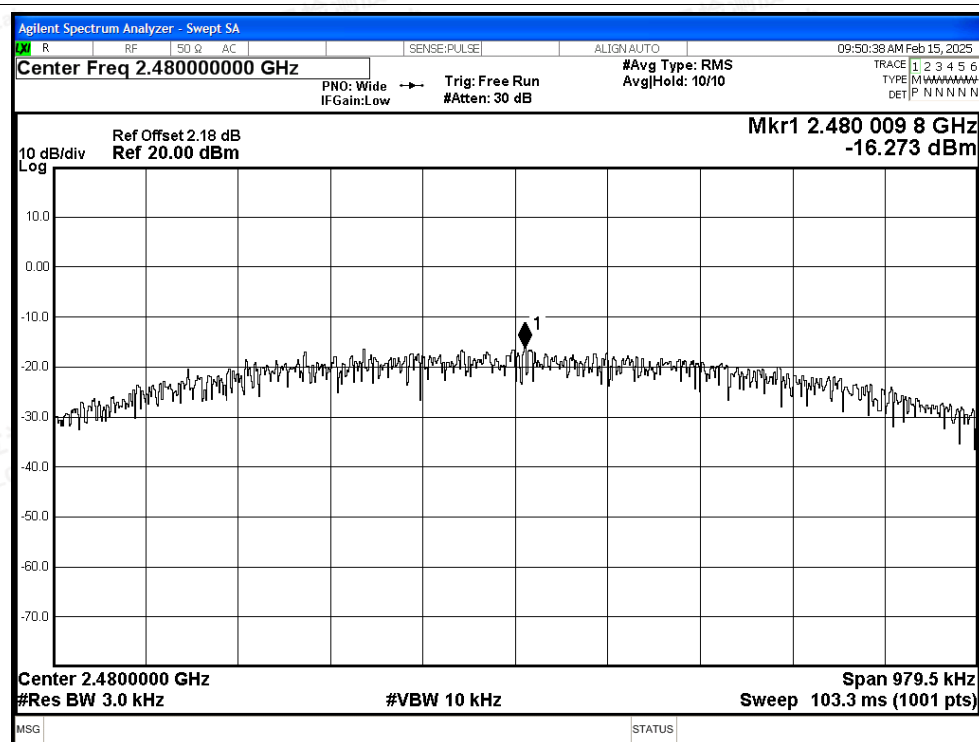
Add: 101, 201 Bldg A & 301 Bldg C, Juji Industrial Park Yabianxueziwei, Shajing Street, Baoan District, Shenzhen, 518000, China

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

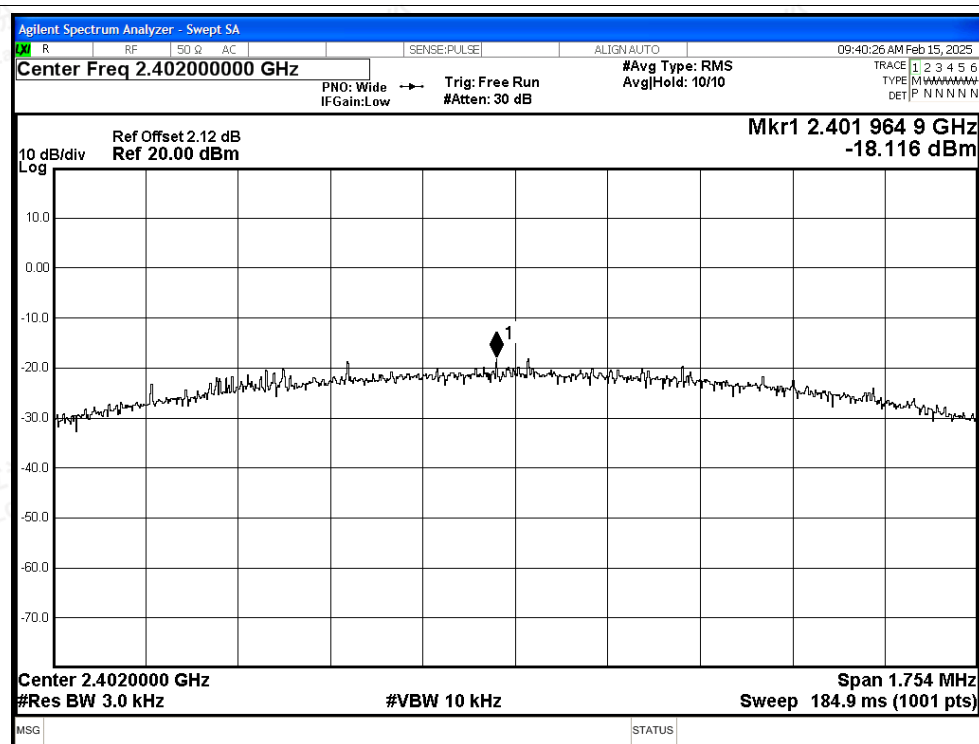
Scan code to check authenticity



PSD NVNT BLE 1M 2480MHz Ant3

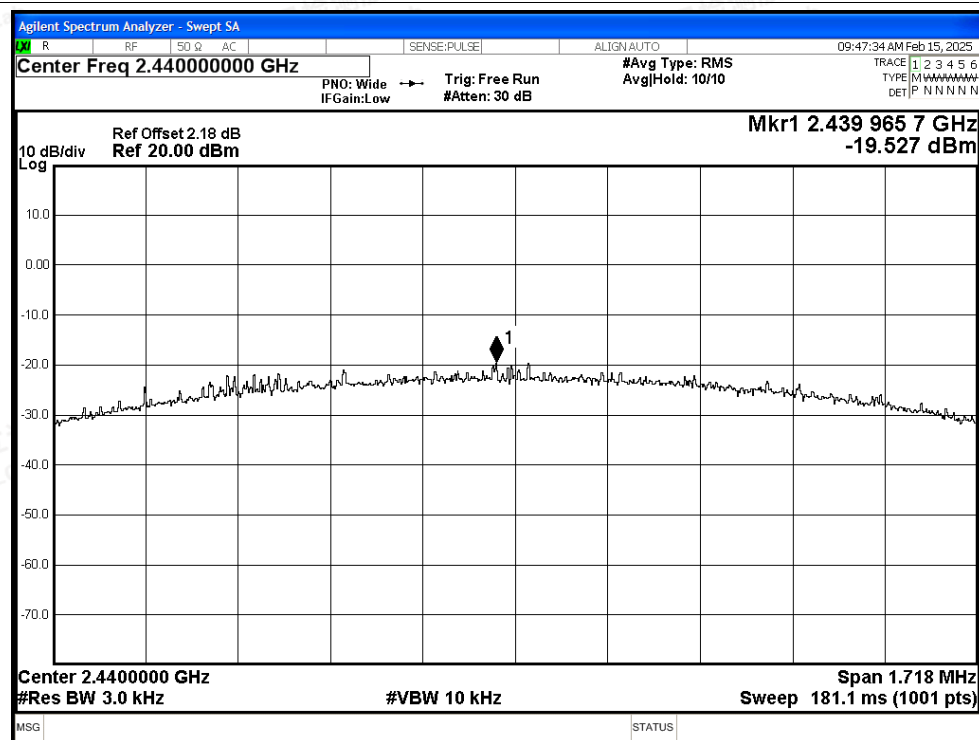


PSD NVNT BLE 2M 2402MHz Ant3

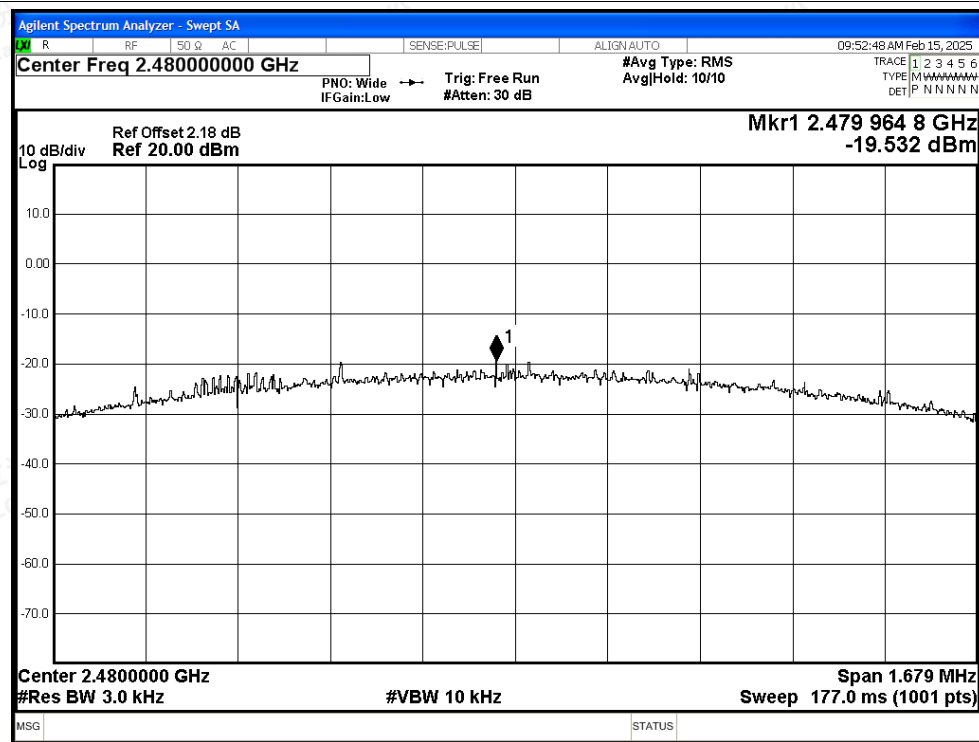




PSD NVNT BLE 2M 2440MHz Ant3



PSD NVNT BLE 2M 2480MHz Ant3





B.4 Band Edge

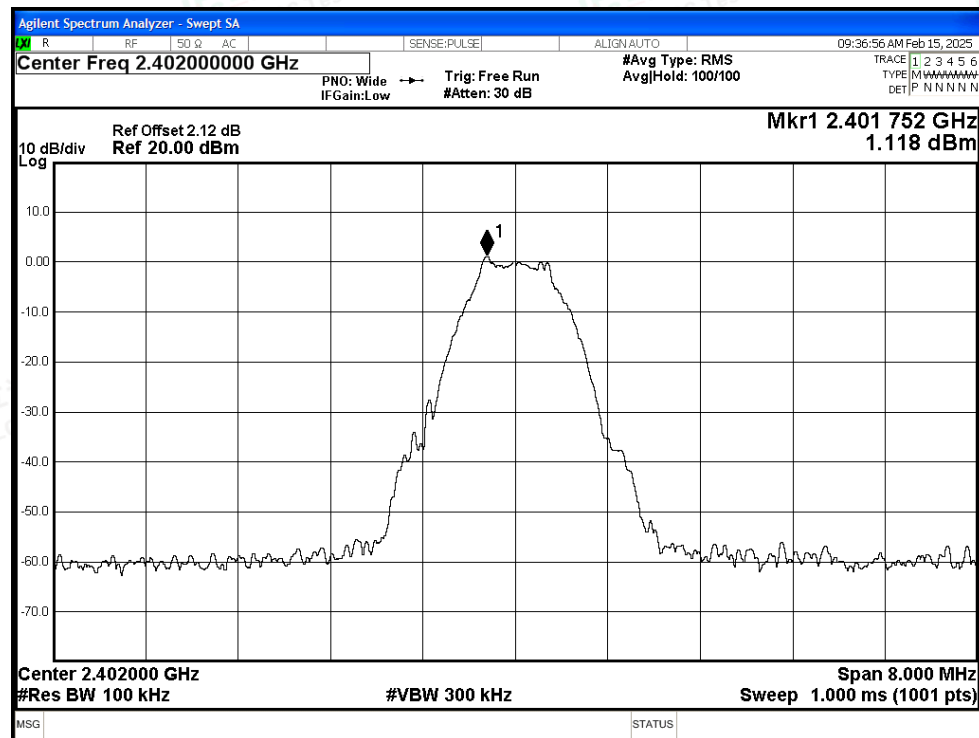
Condition	Mode	Frequency (MHz)	Antenna	Max Value (dBc)	Limit (dBc)	Verdict
NVNT	BLE 1M	2402	Ant1	-57.67	-20	Pass
NVNT	BLE 1M	2480	Ant1	-57.01	-20	Pass
NVNT	BLE 2M	2402	Ant1	-45.23	-20	Pass
NVNT	BLE 2M	2480	Ant1	-55.5	-20	Pass



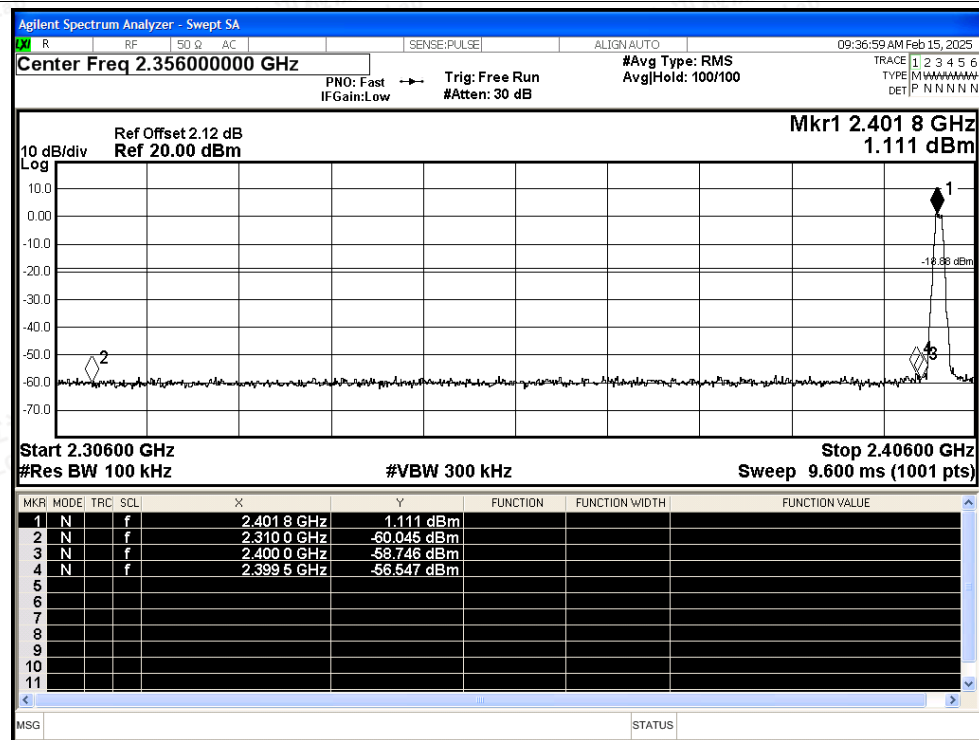


Test Graphs

Band Edge NVNT BLE 1M 2402MHz Ant1 Ref



Band Edge NVNT BLE 1M 2402MHz Ant1 Emission



Shenzhen LCS Compliance Testing Laboratory Ltd.

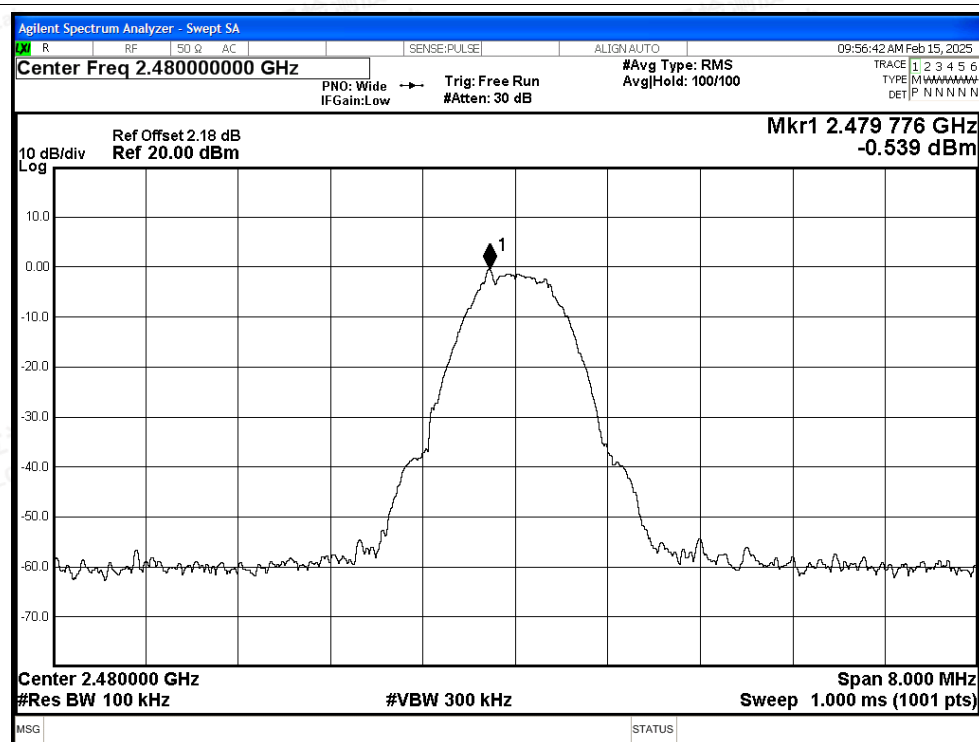
Add: 101, 201 Bldg A & 301 Bldg C, Juji Industrial Park Yabianxueziwei, Shajing Street, Baoan District, Shenzhen, 518000, China

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

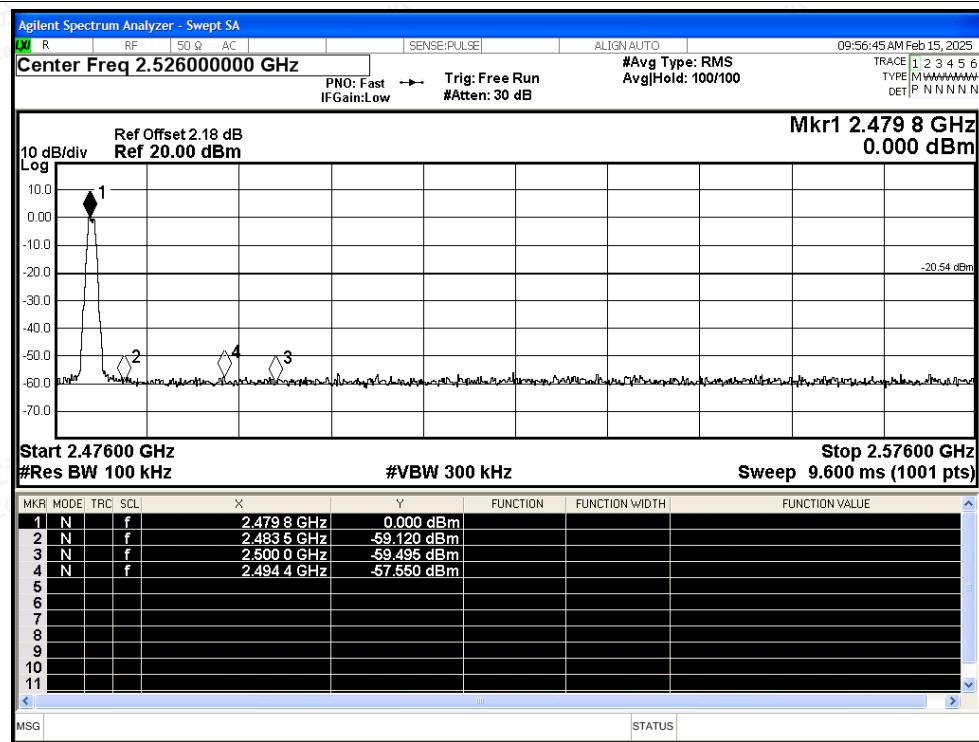
Scan code to check authenticity



Band Edge NVNT BLE 1M 2480MHz Ant1 Ref



Band Edge NVNT BLE 1M 2480MHz Ant1 Emission



Shenzhen LCS Compliance Testing Laboratory Ltd.

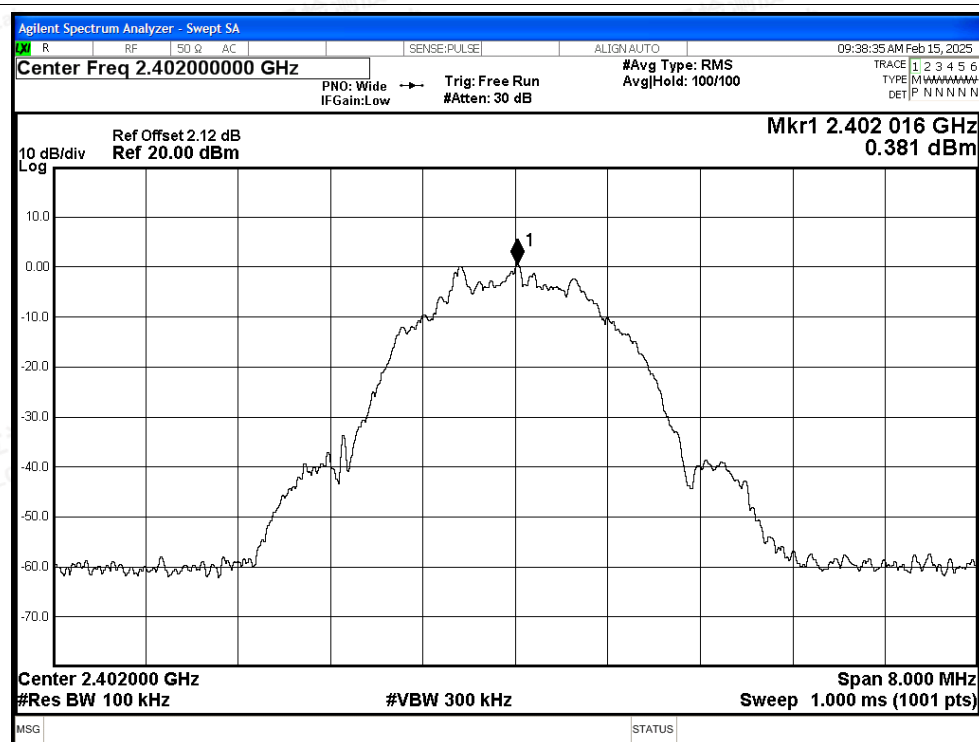
Add: 101, 201 Bldg A & 301 Bldg C, Juji Industrial Park Yabianxueziwei, Shajing Street, Baoan District, Shenzhen, 518000, China

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

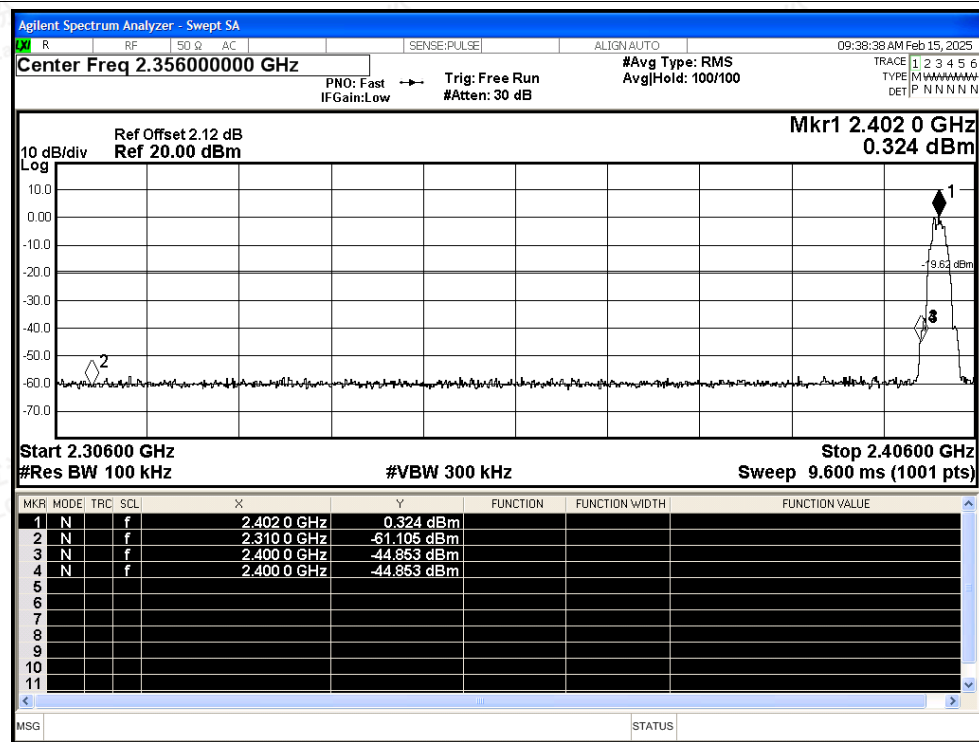
Scan code to check authenticity



Band Edge NVNT BLE 2M 2402MHz Ant1 Ref



Band Edge NVNT BLE 2M 2402MHz Ant1 Emission



Shenzhen LCS Compliance Testing Laboratory Ltd.

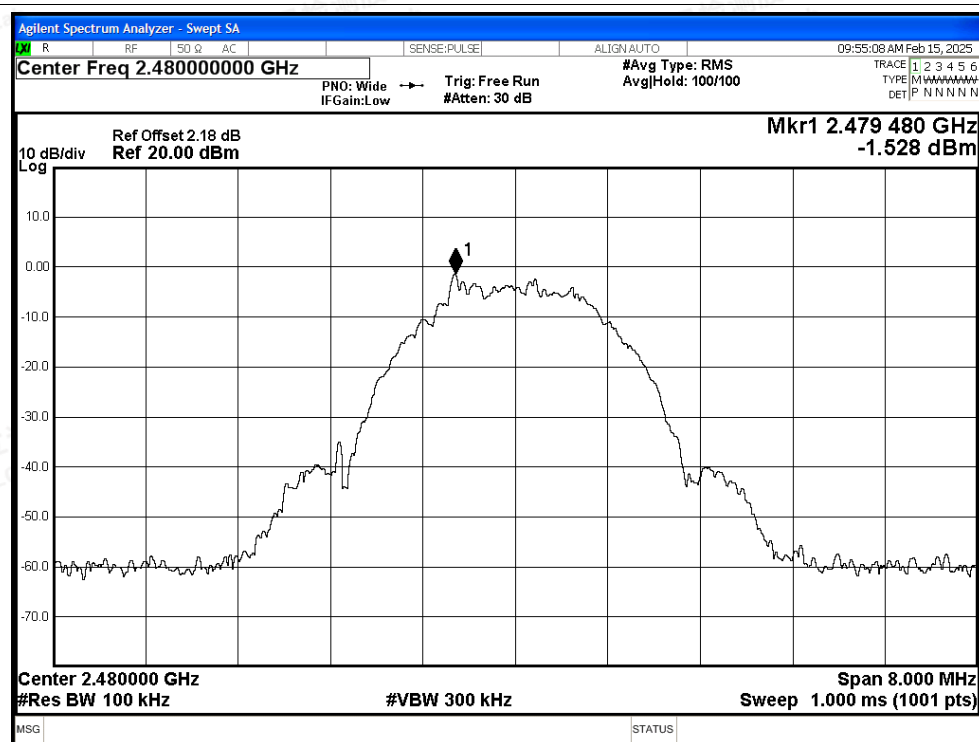
Add: 101, 201 Bldg A & 301 Bldg C, Juji Industrial Park Yabianxueziwei, Shajing Street, Baoan District, Shenzhen, 518000, China

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

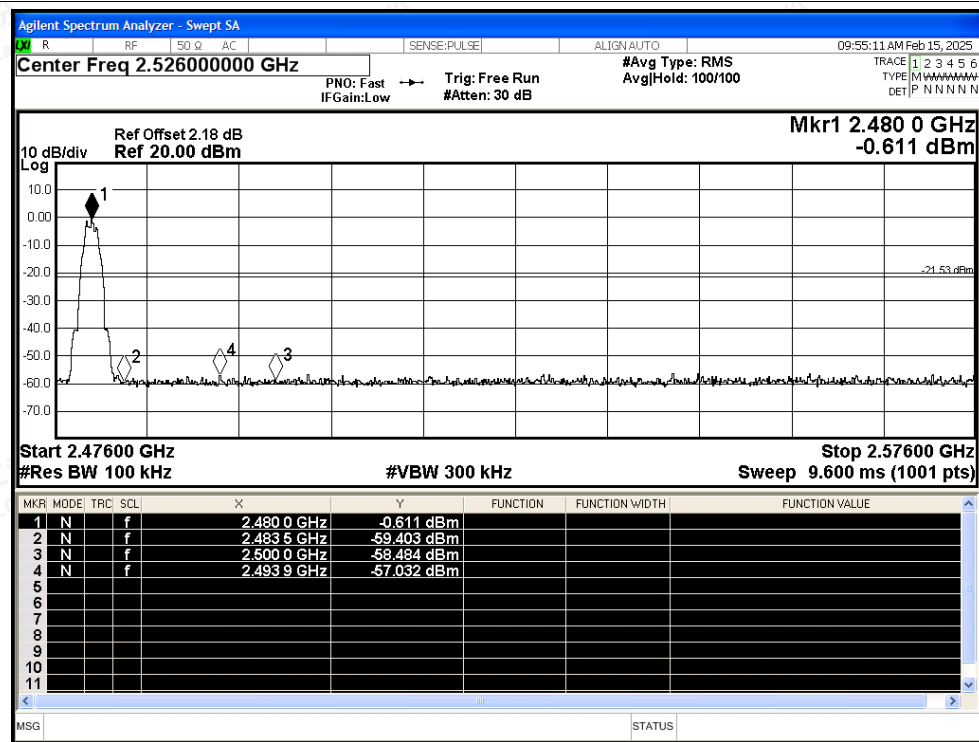
Scan code to check authenticity



Band Edge NVNT BLE 2M 2480MHz Ant1 Ref



Band Edge NVNT BLE 2M 2480MHz Ant1 Emission



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Scan code to check authenticity



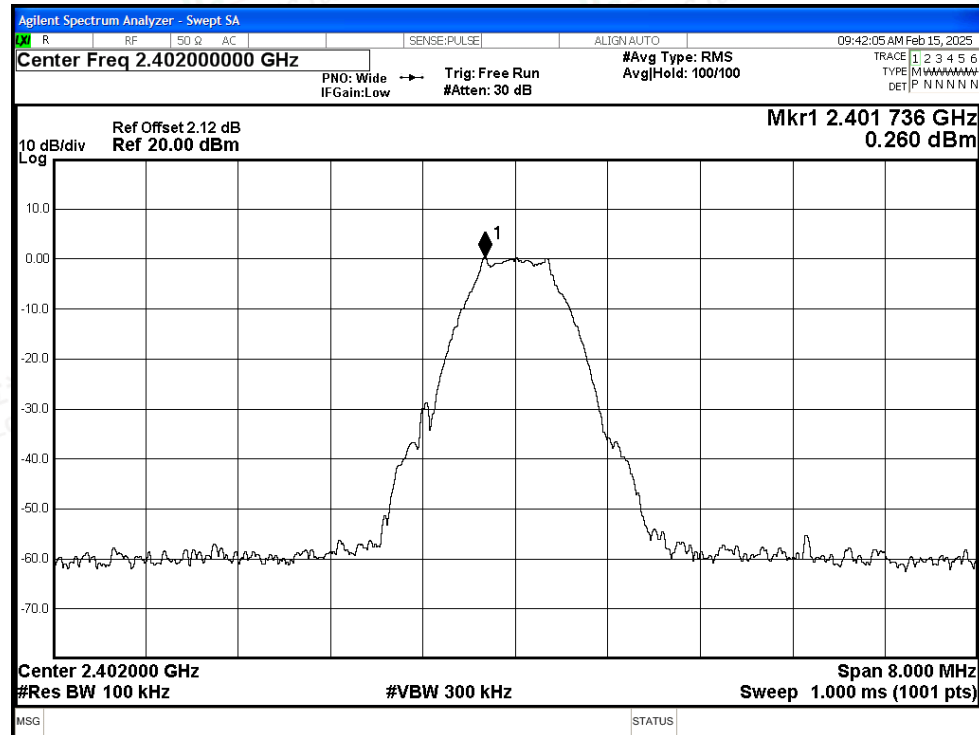
Condition	Mode	Frequency (MHz)	Antenna	Max Value (dBc)	Limit (dBc)	Verdict
NVNT	BLE 1M	2402	Ant3	-56.96	-20	Pass
NVNT	BLE 1M	2480	Ant3	-56.89	-20	Pass
NVNT	BLE 2M	2402	Ant3	-42.39	-20	Pass
NVNT	BLE 2M	2480	Ant3	-54.68	-20	Pass



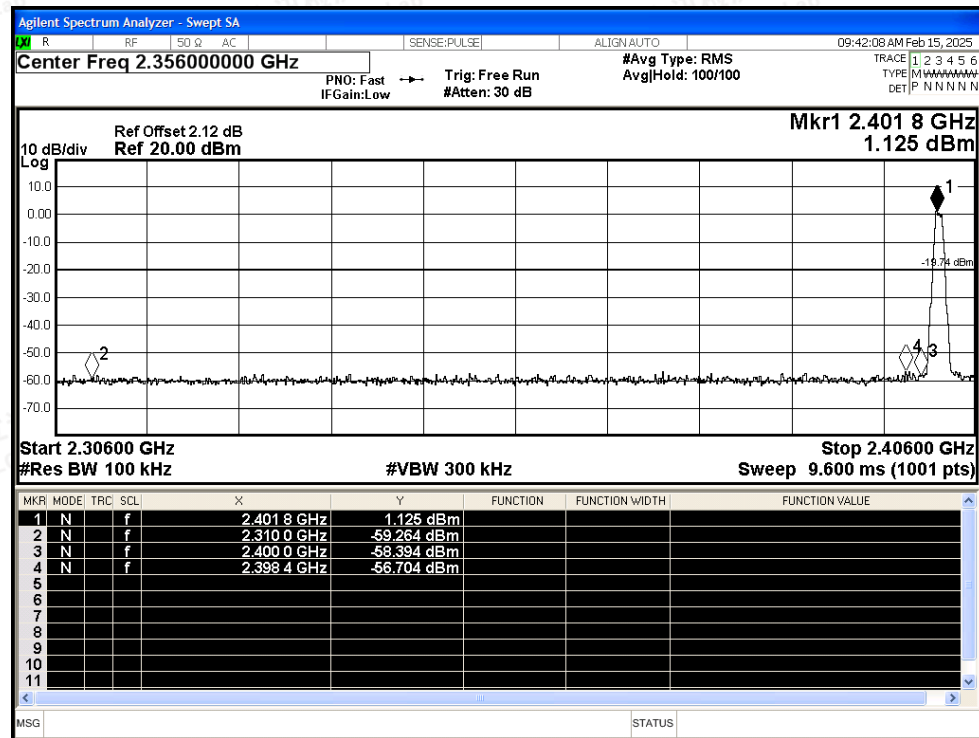


Test Graphs

Band Edge NVNT BLE 1M 2402MHz Ant3 Ref



Band Edge NVNT BLE 1M 2402MHz Ant3 Emission



Shenzhen LCS Compliance Testing Laboratory Ltd.

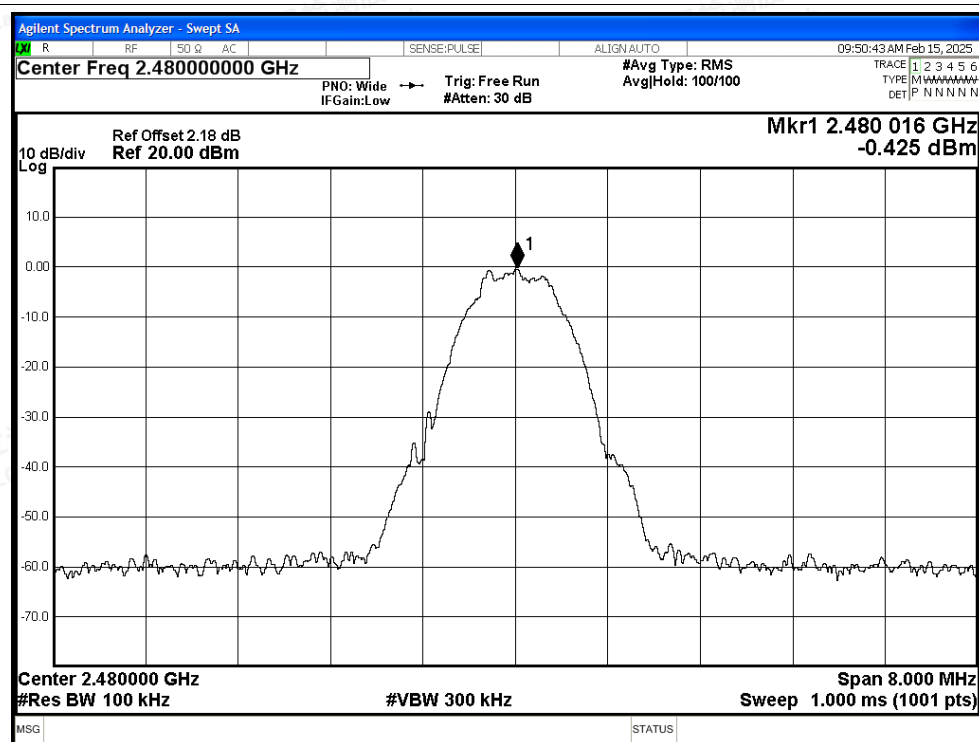
Add: 101, 201 Bldg A & 301 Bldg C, Juji Industrial Park Yabianxueziwei, Shajing Street, Baoan District, Shenzhen, 518000, China

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

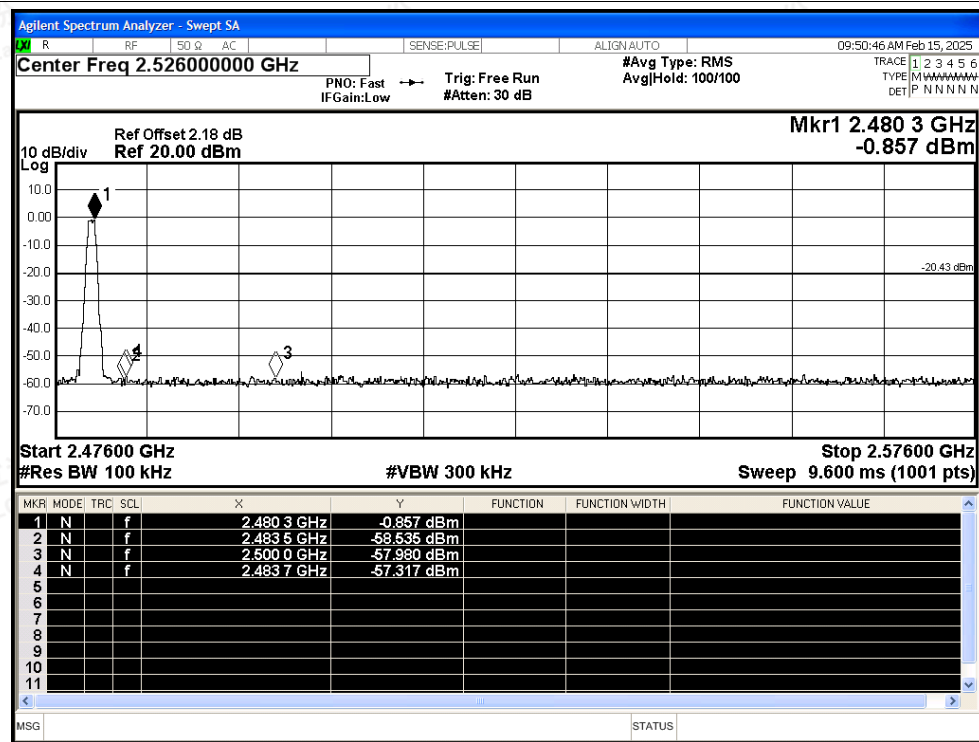
Scan code to check authenticity



Band Edge NVNT BLE 1M 2480MHz Ant3 Ref



Band Edge NVNT BLE 1M 2480MHz Ant3 Emission



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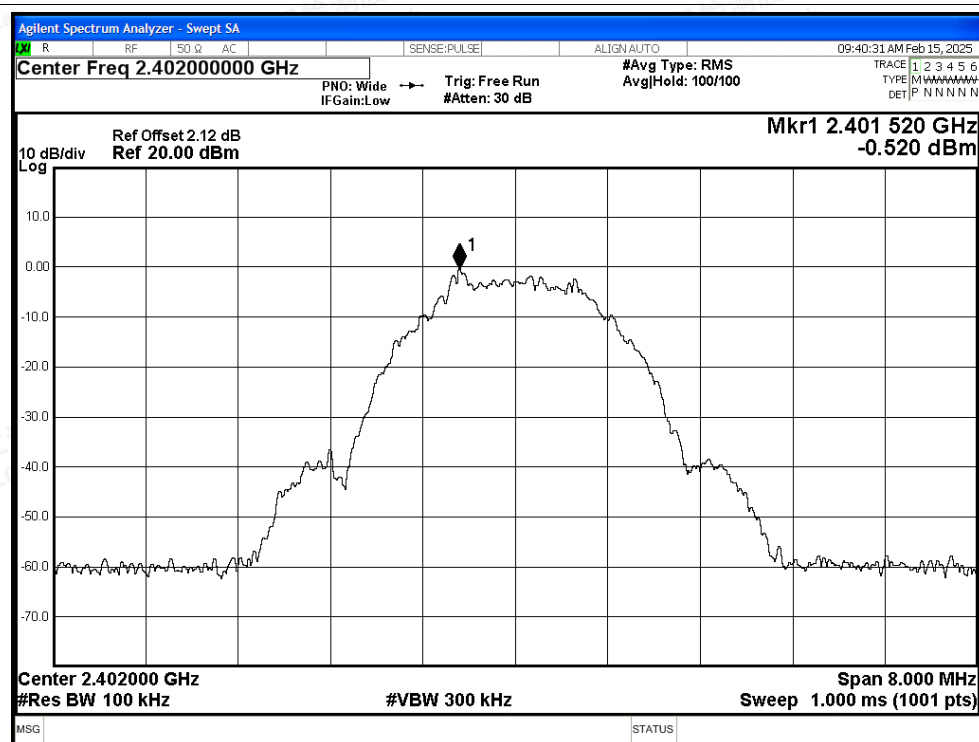
Add: 101, 201 Bldg A & 301 Bldg C, Juji Industrial Park Yabianxueziwei, Shajing Street, Baoan District, Shenzhen, 518000, China

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

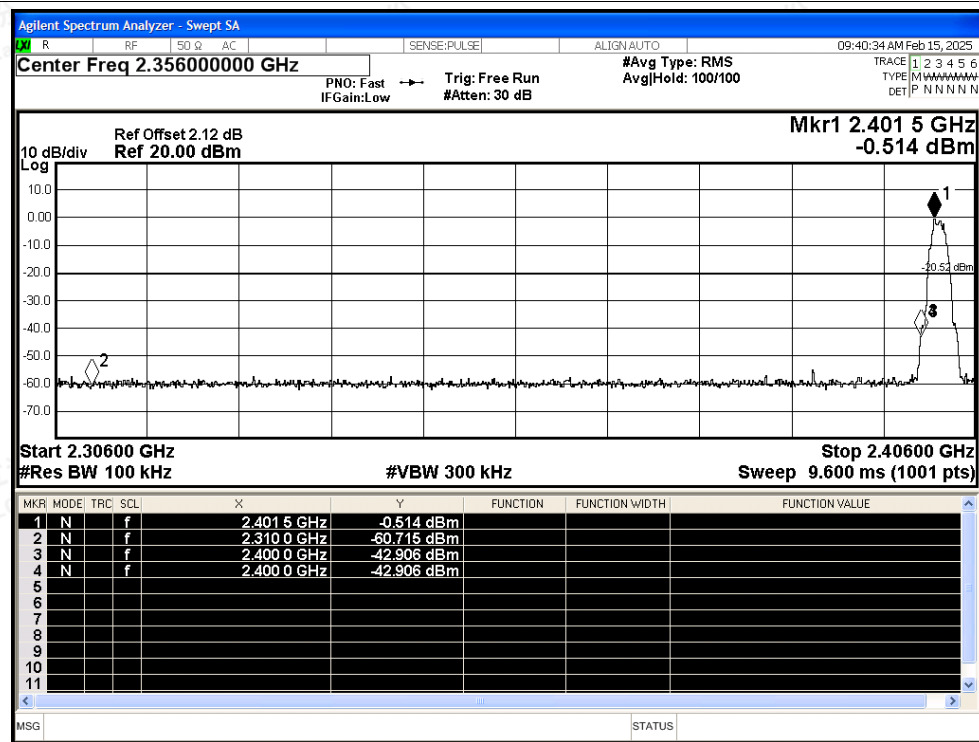
Scan code to check authenticity



Band Edge NVNT BLE 2M 2402MHz Ant3 Ref



Band Edge NVNT BLE 2M 2402MHz Ant3 Emission



Shenzhen LCS Compliance Testing Laboratory Ltd.

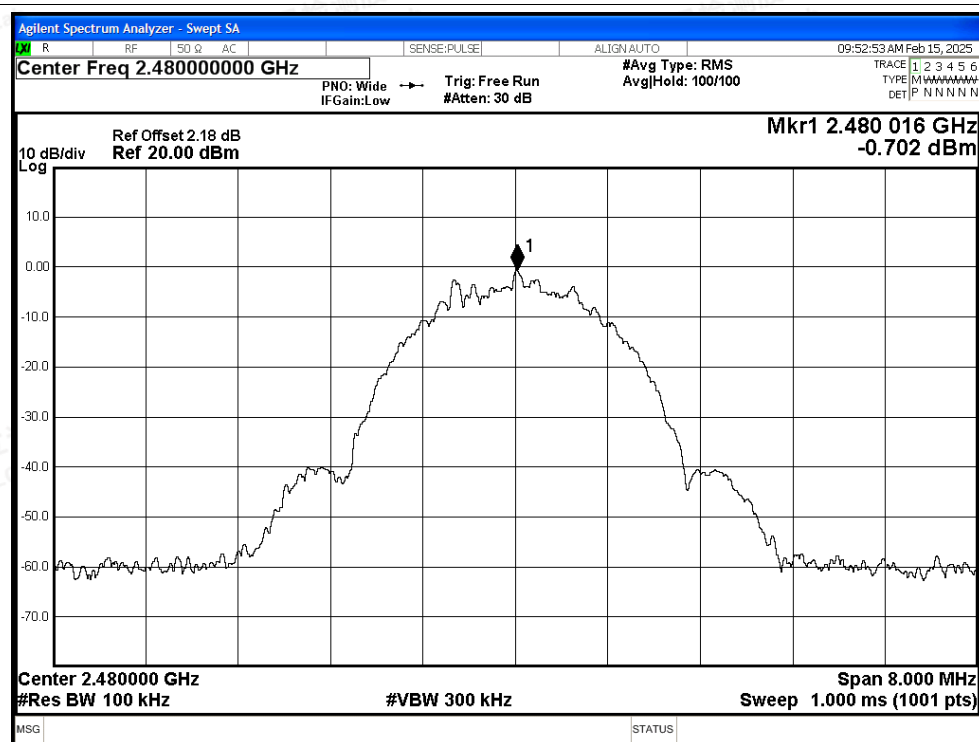
Add: 101, 201 Bldg A & 301 Bldg C, Juji Industrial Park Yabianxueziwei, Shajing Street, Baoan District, Shenzhen, 518000, China

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

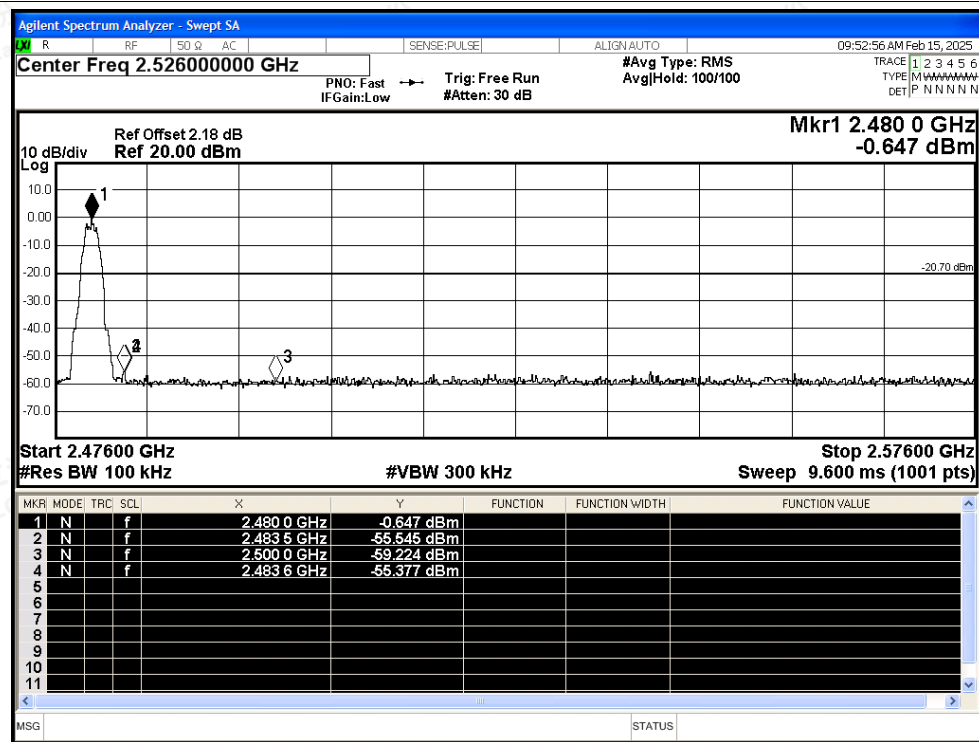
Scan code to check authenticity



Band Edge NVNT BLE 2M 2480MHz Ant3 Ref



Band Edge NVNT BLE 2M 2480MHz Ant3 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



B.5 Conducted RF Spurious Emission

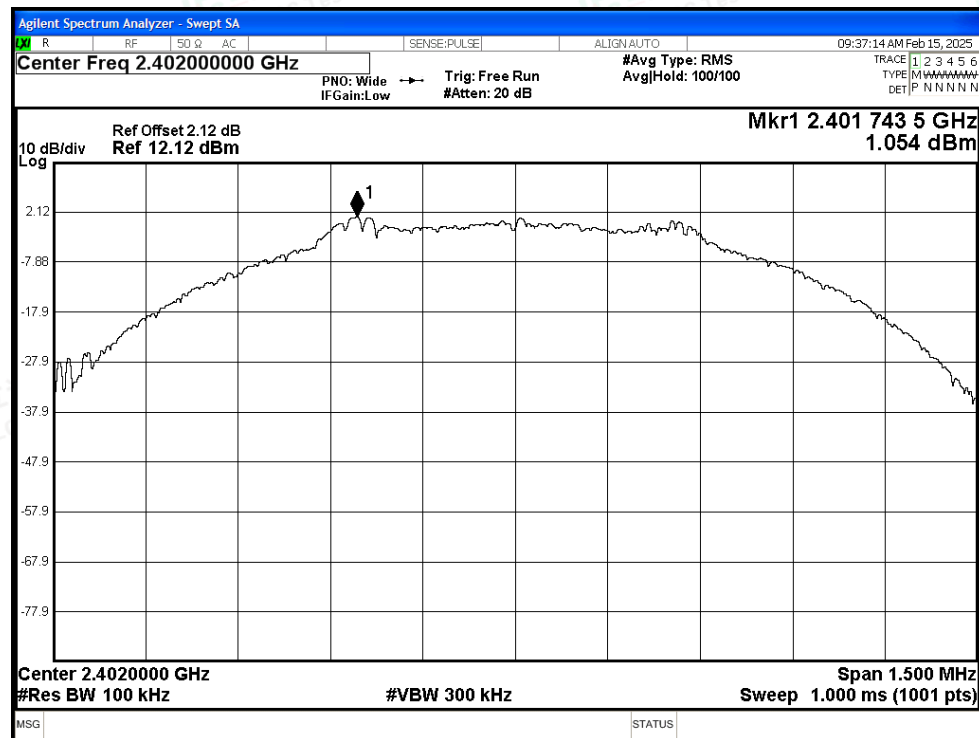
Condition	Mode	Frequency (MHz)	Antenna	Max Value (dBc)	Limit (dBc)	Verdict
NVNT	BLE 1M	2402	Ant1	-56.11	-20	Pass
NVNT	BLE 1M	2440	Ant1	-55.65	-20	Pass
NVNT	BLE 1M	2480	Ant1	-55.56	-20	Pass
NVNT	BLE 2M	2402	Ant1	-56.25	-20	Pass
NVNT	BLE 2M	2440	Ant1	-54.14	-20	Pass
NVNT	BLE 2M	2480	Ant1	-54.97	-20	Pass



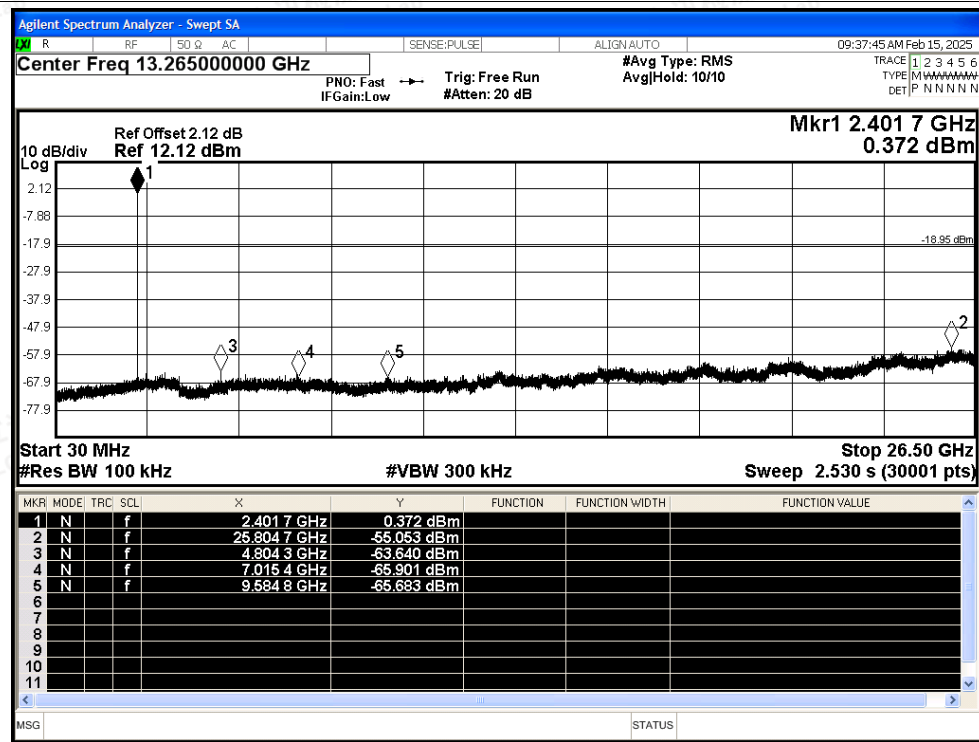


Test Graphs

Tx. Spurious NVNT BLE 1M 2402MHz Ant1 Ref



Tx. Spurious NVNT BLE 1M 2402MHz Ant1 Emission



Shenzhen LCS Compliance Testing Laboratory Ltd.

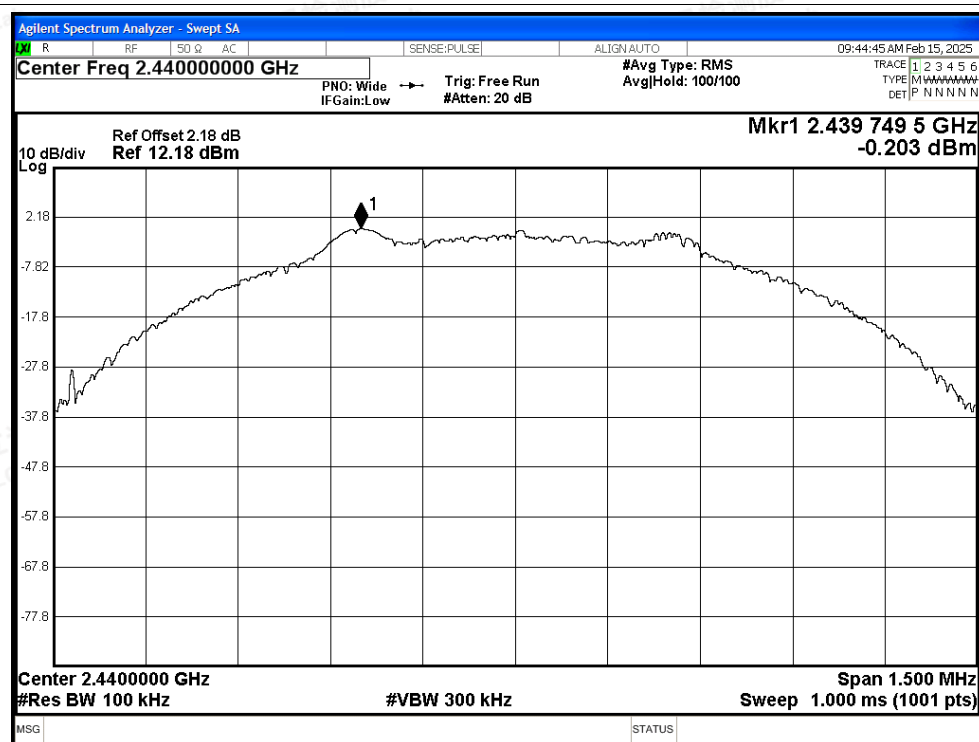
Add: 101, 201 Bldg A & 301 Bldg C, Juji Industrial Park Yabianxueziwei, Shajing Street, Baoan District, Shenzhen, 518000, China

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

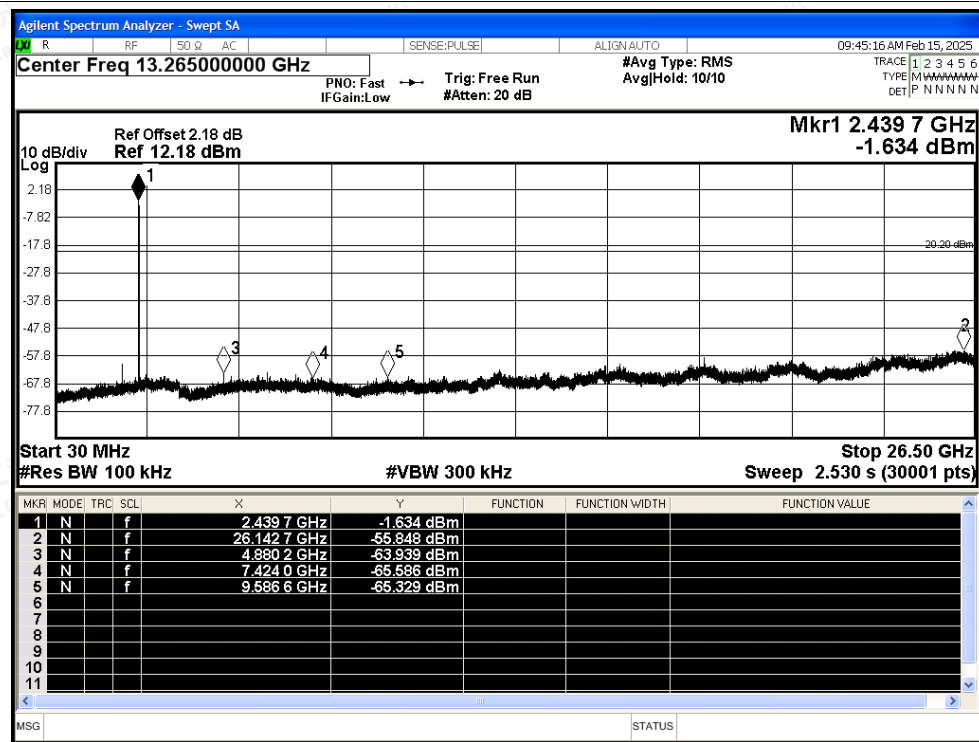
Scan code to check authenticity



Tx. Spurious NVNT BLE 1M 2440MHz Ant1 Ref



Tx. Spurious NVNT BLE 1M 2440MHz Ant1 Emission



Shenzhen LCS Compliance Testing Laboratory Ltd.

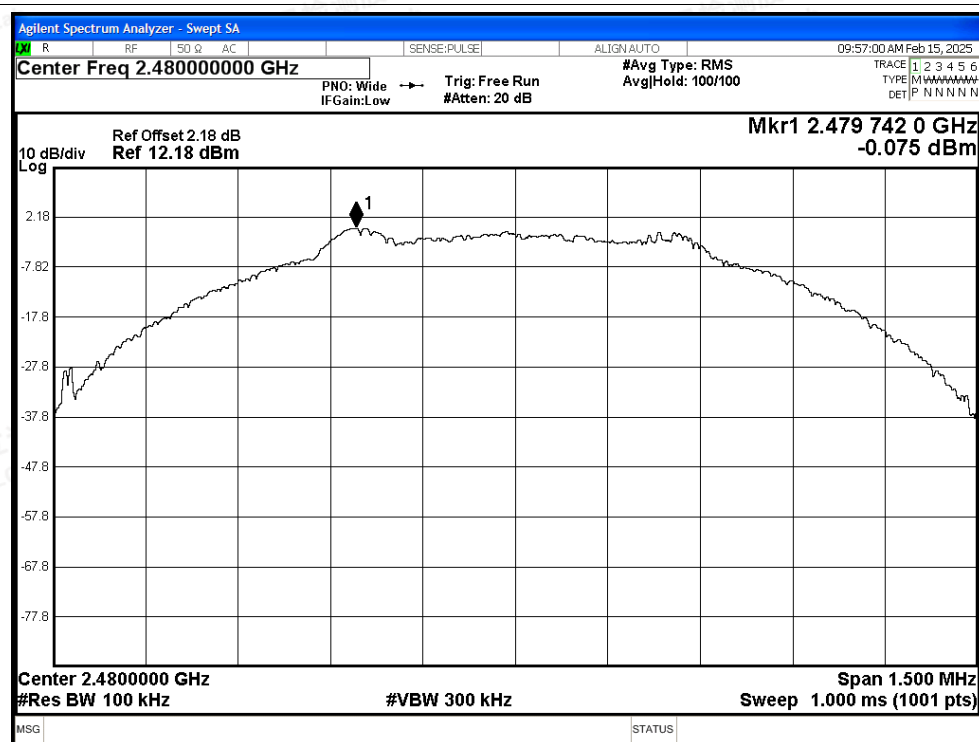
Add: 101, 201 Bldg A & 301 Bldg C, Juji Industrial Park Yabianxueziwei, Shajing Street, Baoan District, Shenzhen, 518000, China

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

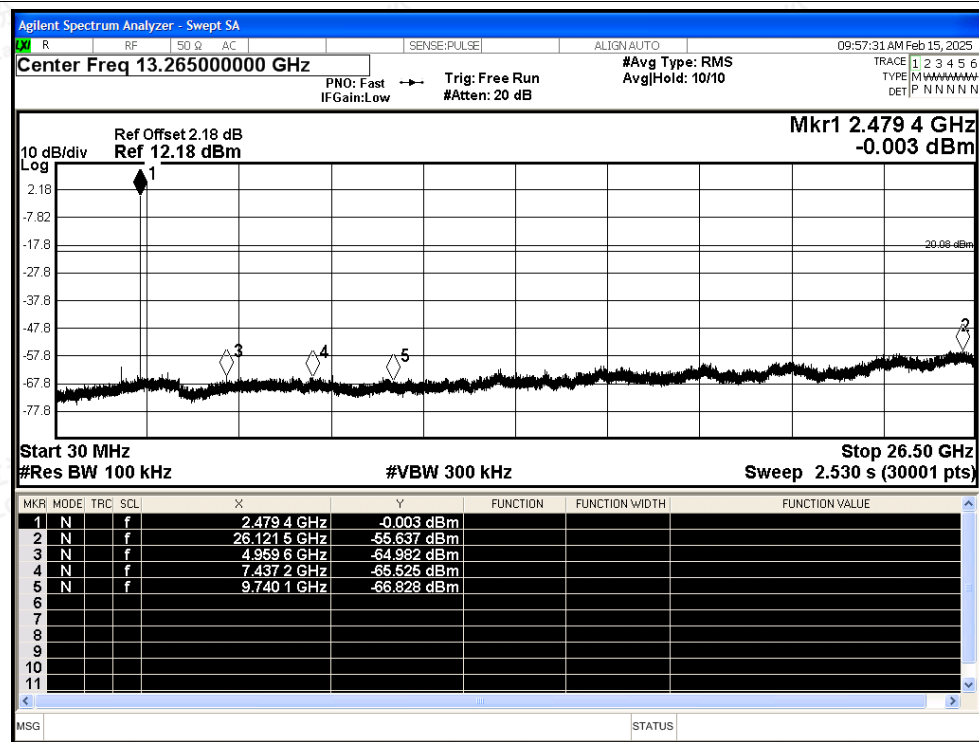
Scan code to check authenticity



Tx. Spurious NVNT BLE 1M 2480MHz Ant1 Ref

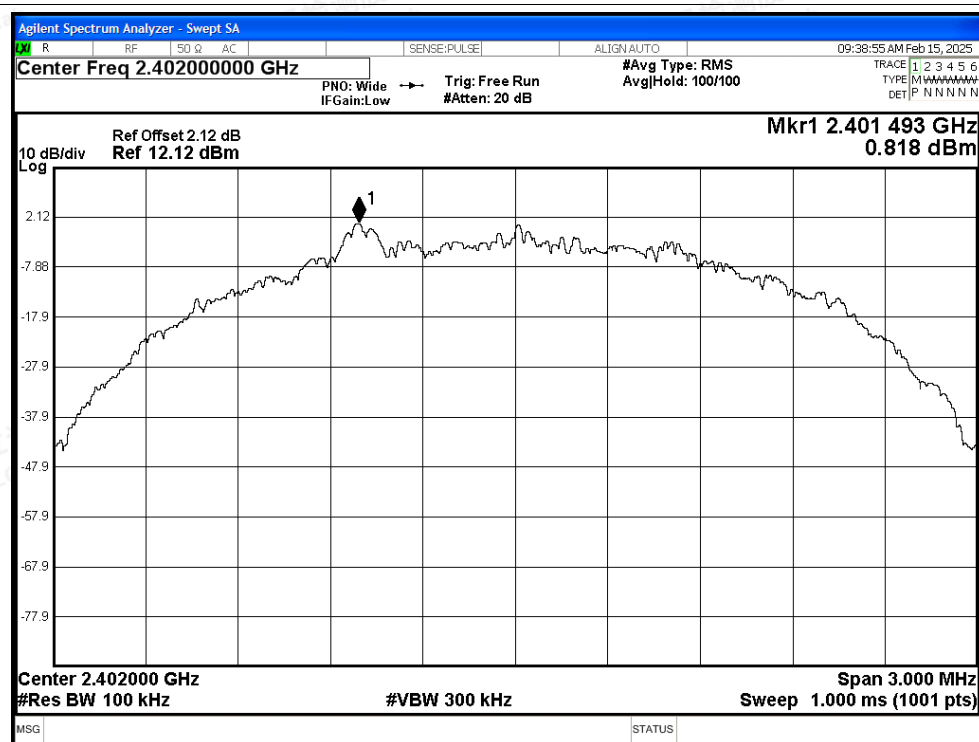


Tx. Spurious NVNT BLE 1M 2480MHz Ant1 Emission

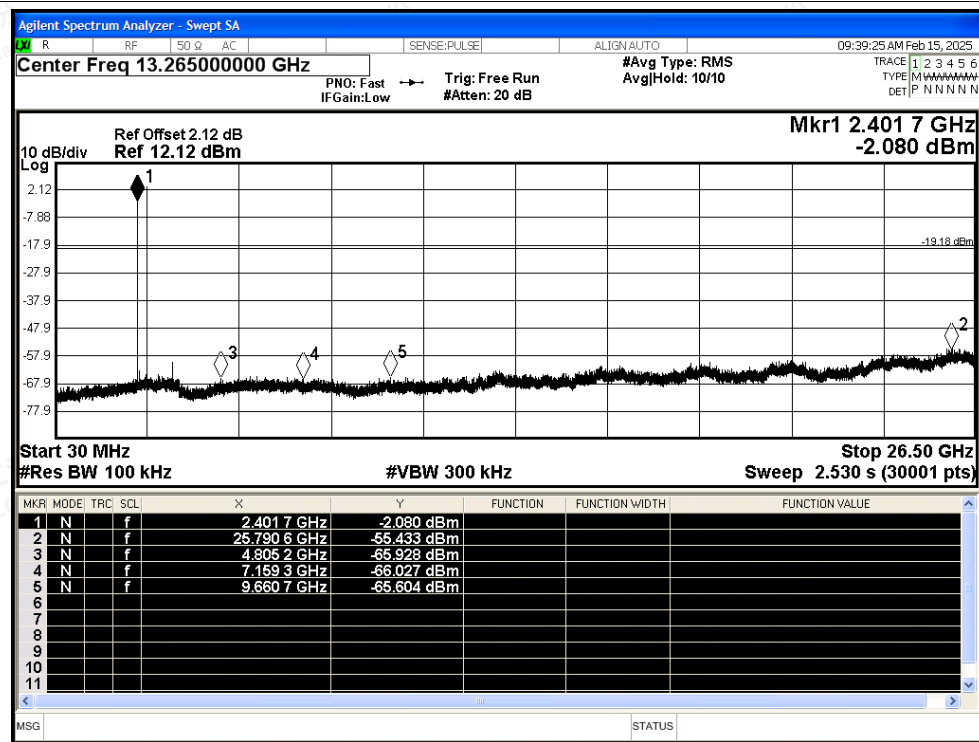




Tx. Spurious NVNT BLE 2M 2402MHz Ant1 Ref



Tx. Spurious NVNT BLE 2M 2402MHz Ant1 Emission



Shenzhen LCS Compliance Testing Laboratory Ltd.

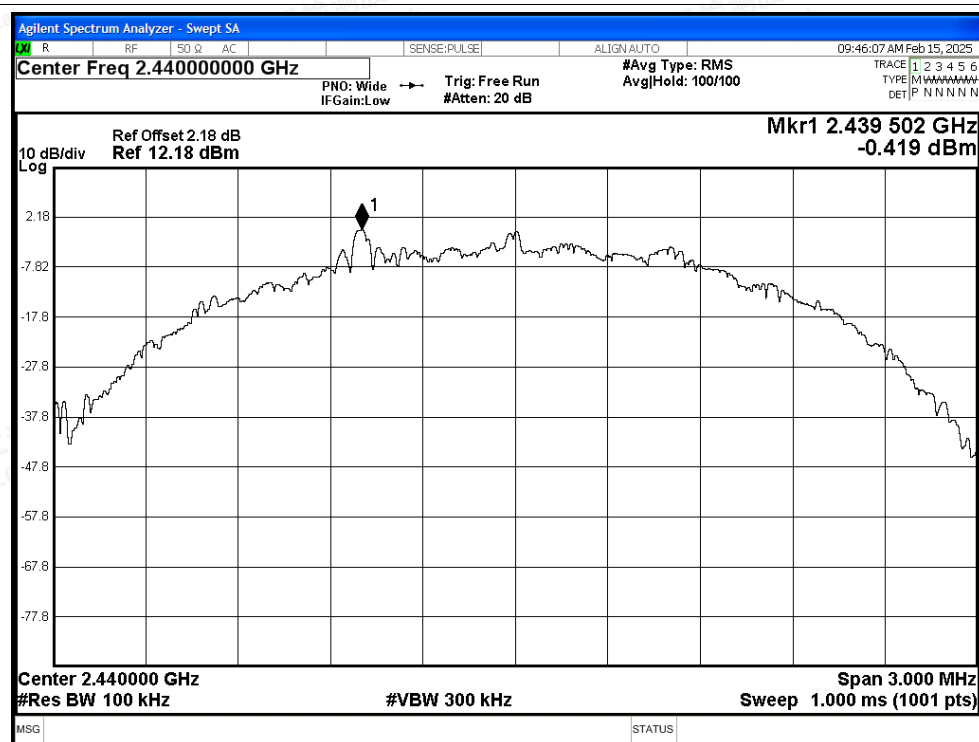
Add: 101, 201 Bldg A & 301 Bldg C, Juji Industrial Park Yabianxueziwei, Shajing Street, Baoan District, Shenzhen, 518000, China

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

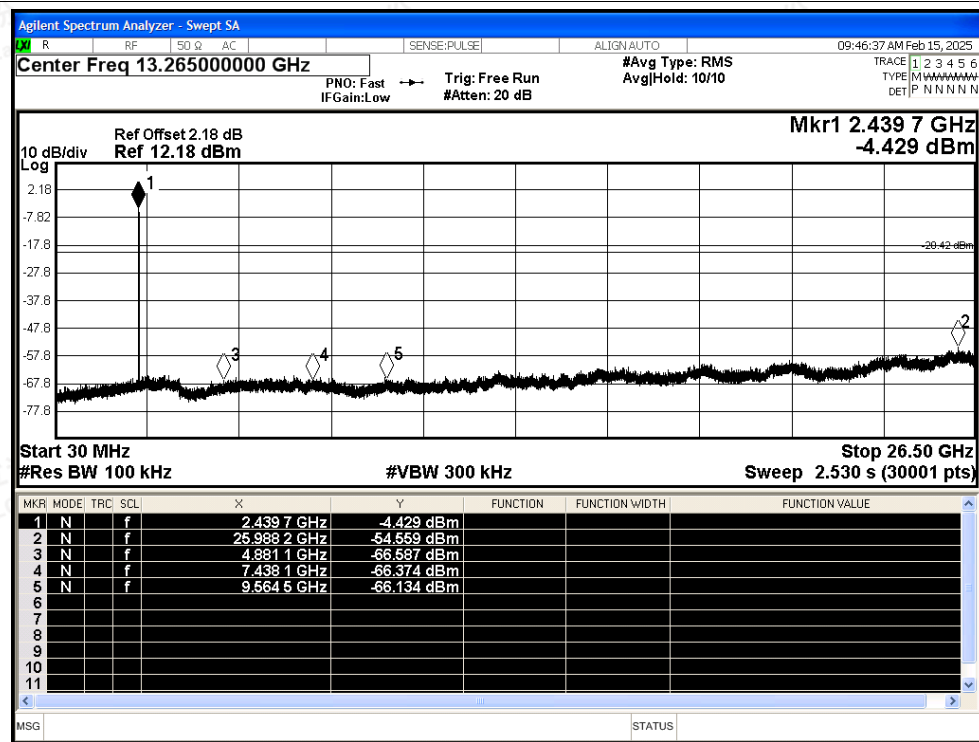
Scan code to check authenticity



Tx. Spurious NVNT BLE 2M 2440MHz Ant1 Ref



Tx. Spurious NVNT BLE 2M 2440MHz Ant1 Emission



Shenzhen LCS Compliance Testing Laboratory Ltd.

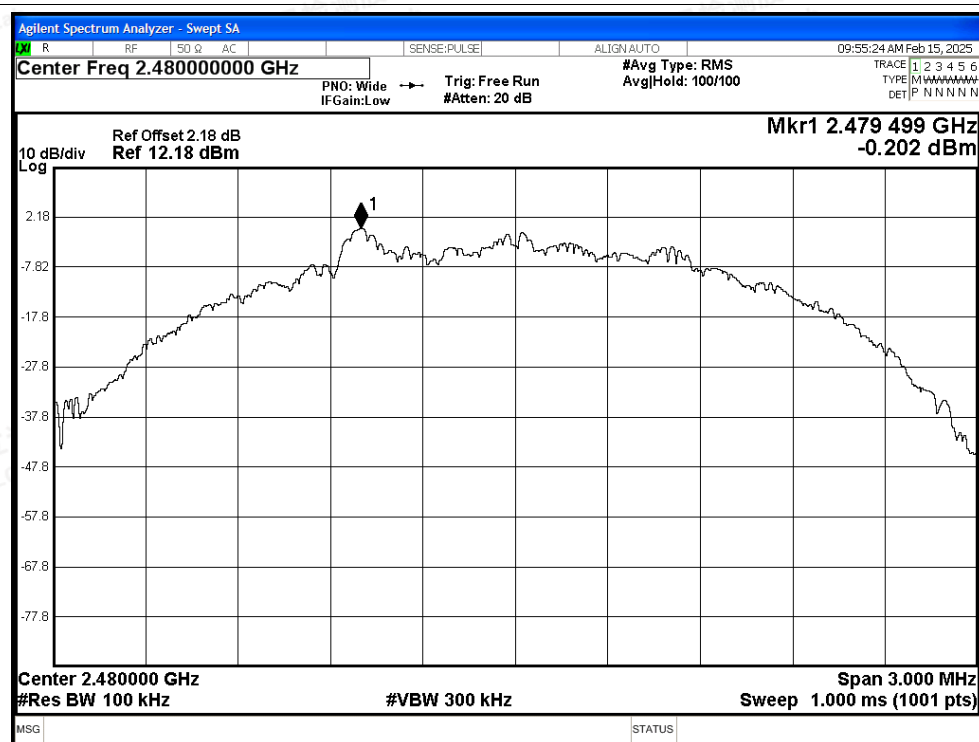
Add: 101, 201 Bldg A & 301 Bldg C, Juji Industrial Park Yabianxueziwei, Shajing Street, Baoan District, Shenzhen, 518000, China

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

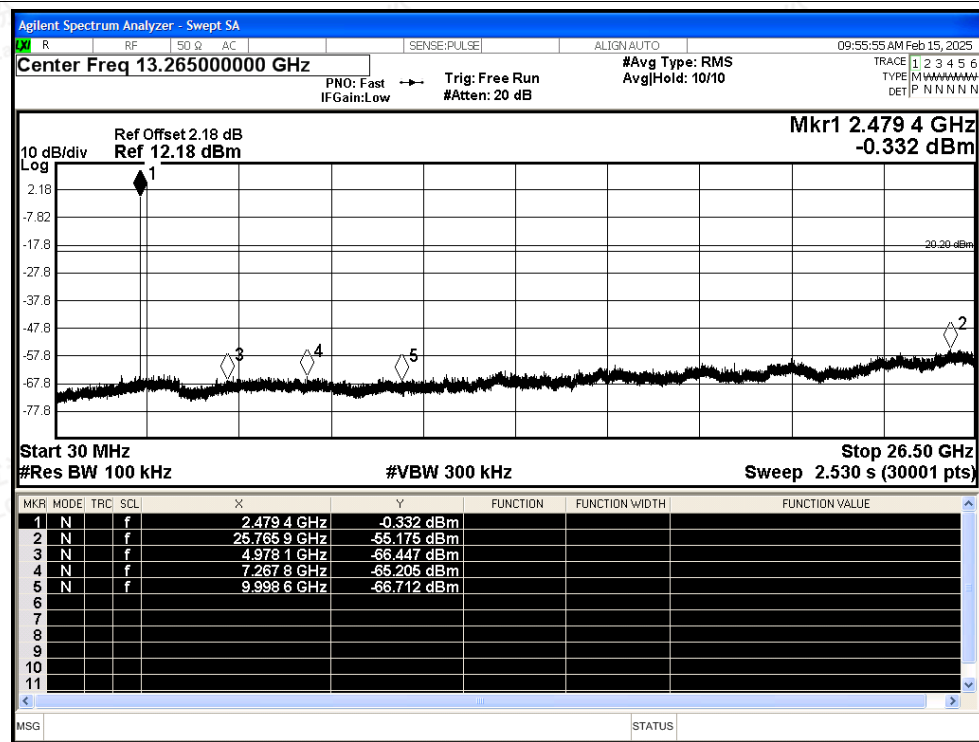
Scan code to check authenticity



Tx. Spurious NVNT BLE 2M 2480MHz Ant1 Ref



Tx. Spurious NVNT BLE 2M 2480MHz Ant1 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



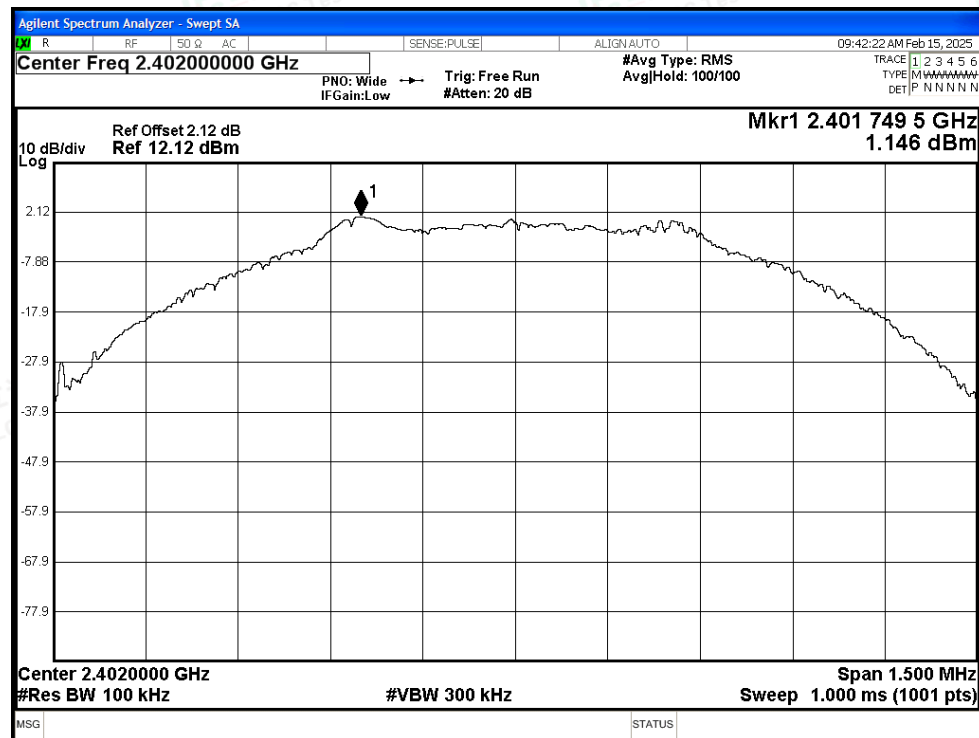
Condition	Mode	Frequency (MHz)	Antenna	Max Value (dBc)	Limit (dBc)	Verdict
NVNT	BLE 1M	2402	Ant3	-56.39	-20	Pass
NVNT	BLE 1M	2440	Ant3	-55.47	-20	Pass
NVNT	BLE 1M	2480	Ant3	-54.67	-20	Pass
NVNT	BLE 2M	2402	Ant3	-56.49	-20	Pass
NVNT	BLE 2M	2440	Ant3	-54.77	-20	Pass
NVNT	BLE 2M	2480	Ant3	-52.76	-20	Pass



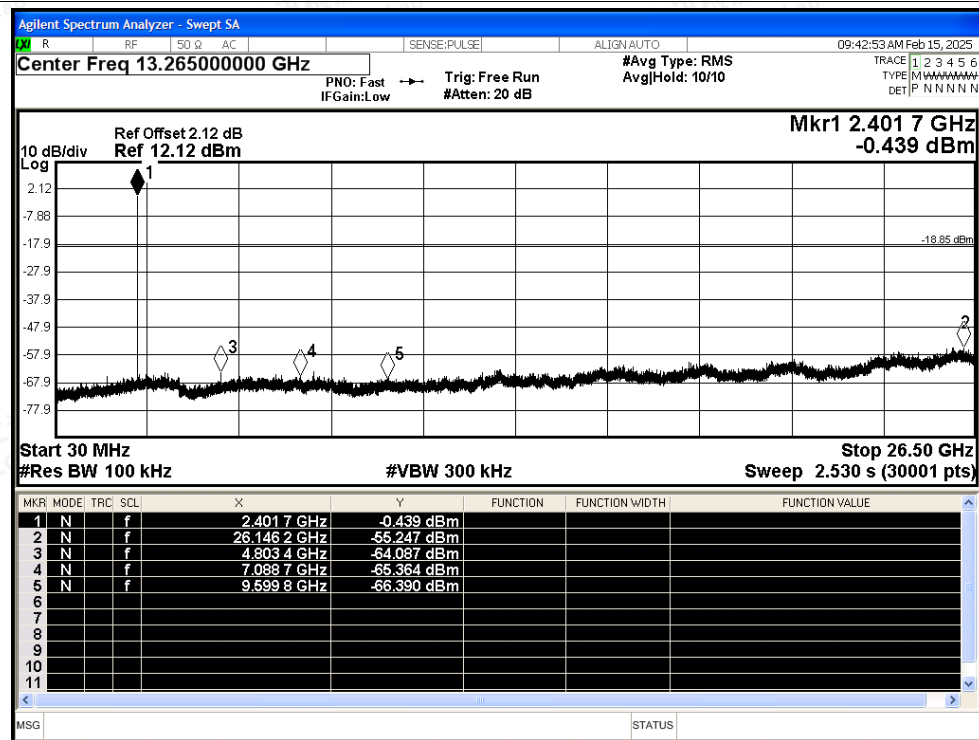


Test Graphs

Tx. Spurious NVNT BLE 1M 2402MHz Ant3 Ref



Tx. Spurious NVNT BLE 1M 2402MHz Ant3 Emission



Shenzhen LCS Compliance Testing Laboratory Ltd.

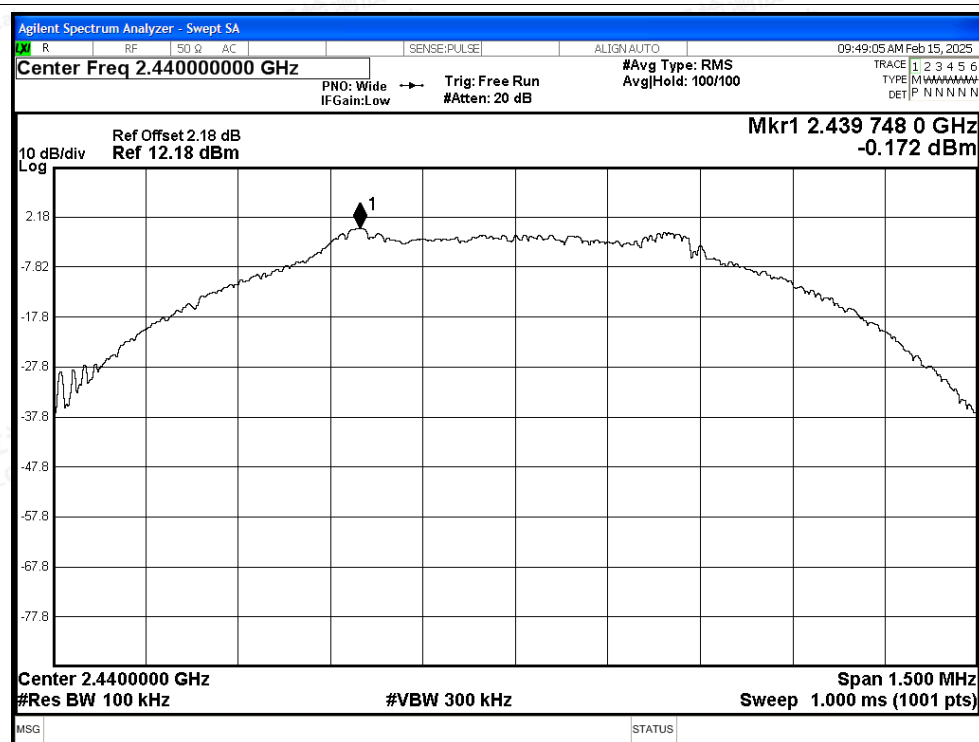
Add: 101, 201 Bldg A & 301 Bldg C, Juji Industrial Park Yabianxueziwei, Shajing Street, Baoan District, Shenzhen, 518000, China

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

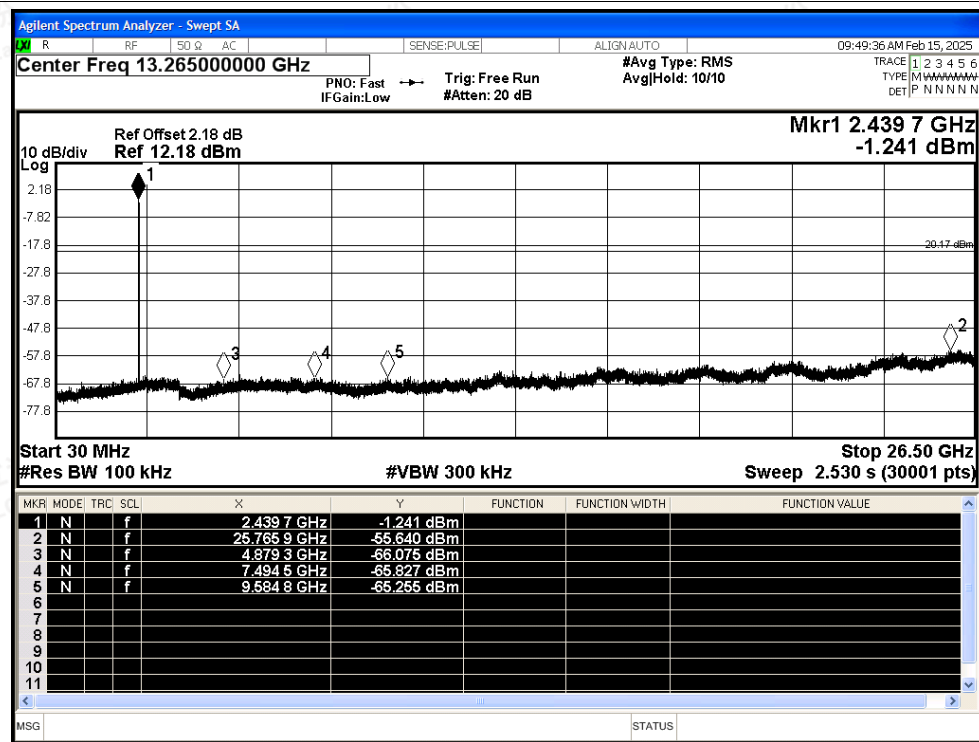
Scan code to check authenticity



Tx. Spurious NVNT BLE 1M 2440MHz Ant3 Ref



Tx. Spurious NVNT BLE 1M 2440MHz Ant3 Emission



Shenzhen LCS Compliance Testing Laboratory Ltd.

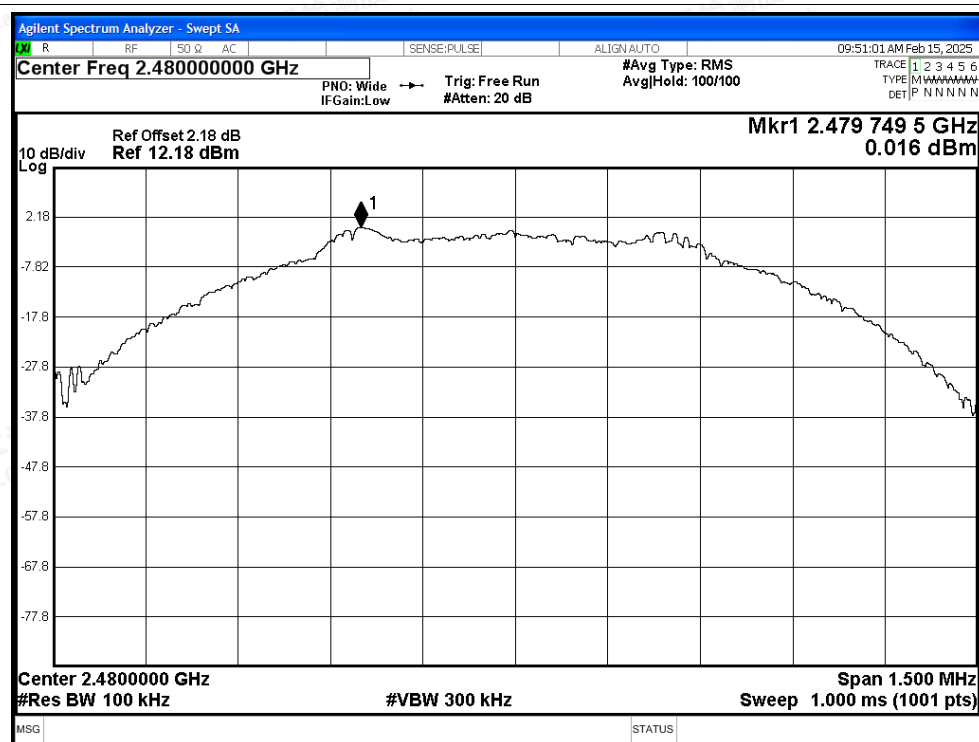
Add: 101, 201 Bldg A & 301 Bldg C, Juji Industrial Park Yabianxueziwei, Shajing Street, Baoan District, Shenzhen, 518000, China

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

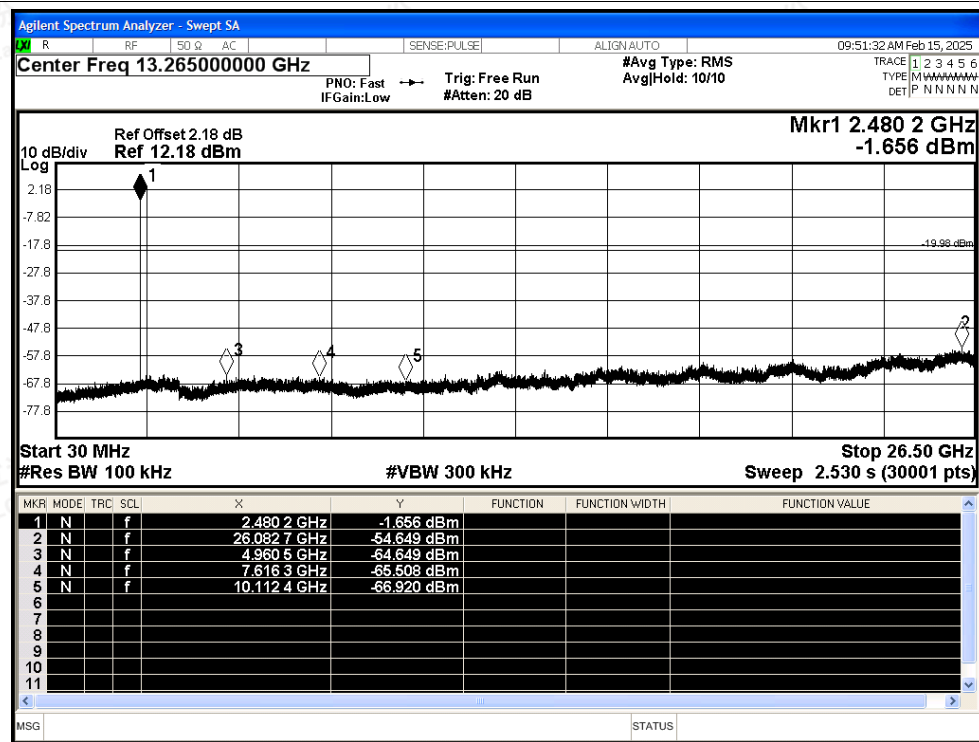
Scan code to check authenticity



Tx. Spurious NVNT BLE 1M 2480MHz Ant3 Ref



Tx. Spurious NVNT BLE 1M 2480MHz Ant3 Emission



Shenzhen LCS Compliance Testing Laboratory Ltd.

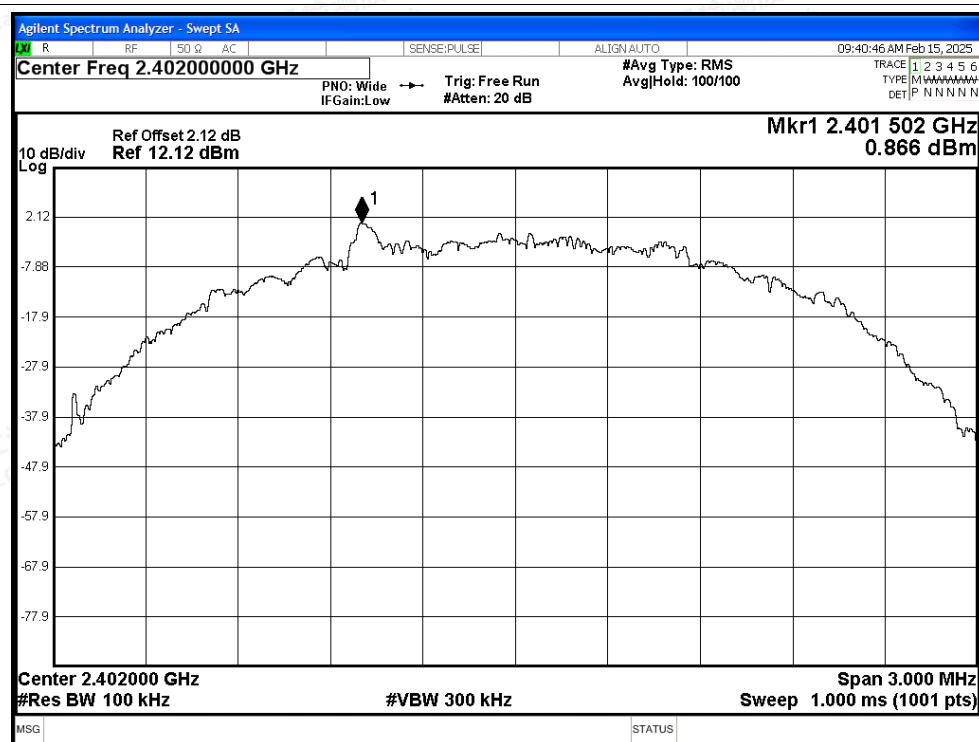
Add: 101, 201 Bldg A & 301 Bldg C, Juji Industrial Park Yabianxueziwei, Shajing Street, Baoan District, Shenzhen, 518000, China

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

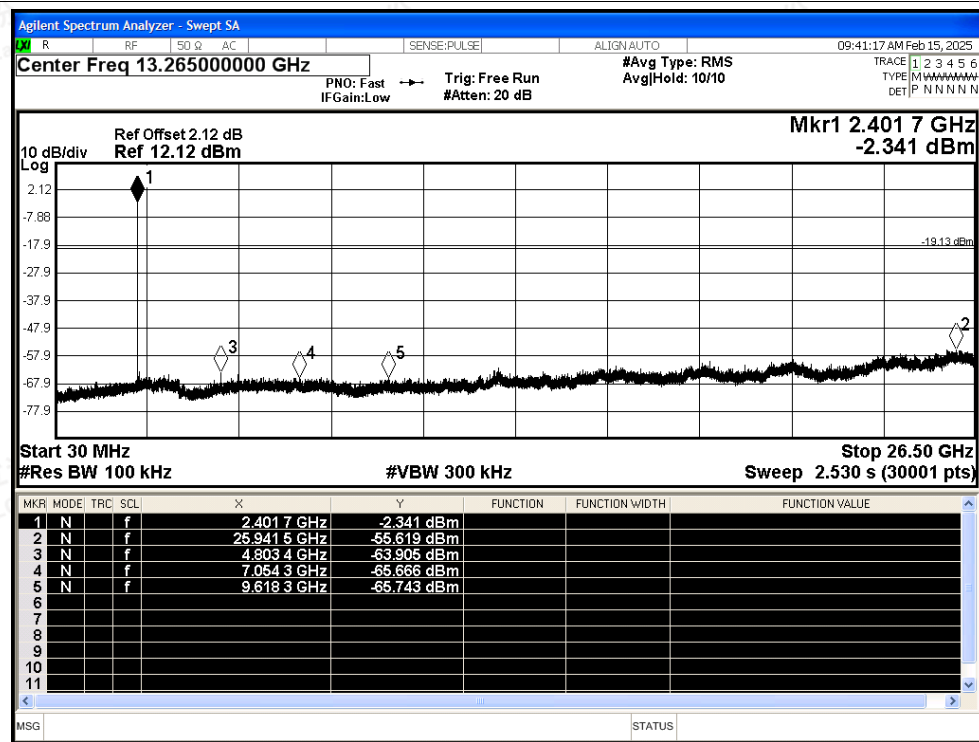
Scan code to check authenticity



Tx. Spurious NVNT BLE 2M 2402MHz Ant3 Ref



Tx. Spurious NVNT BLE 2M 2402MHz Ant3 Emission



Shenzhen LCS Compliance Testing Laboratory Ltd.

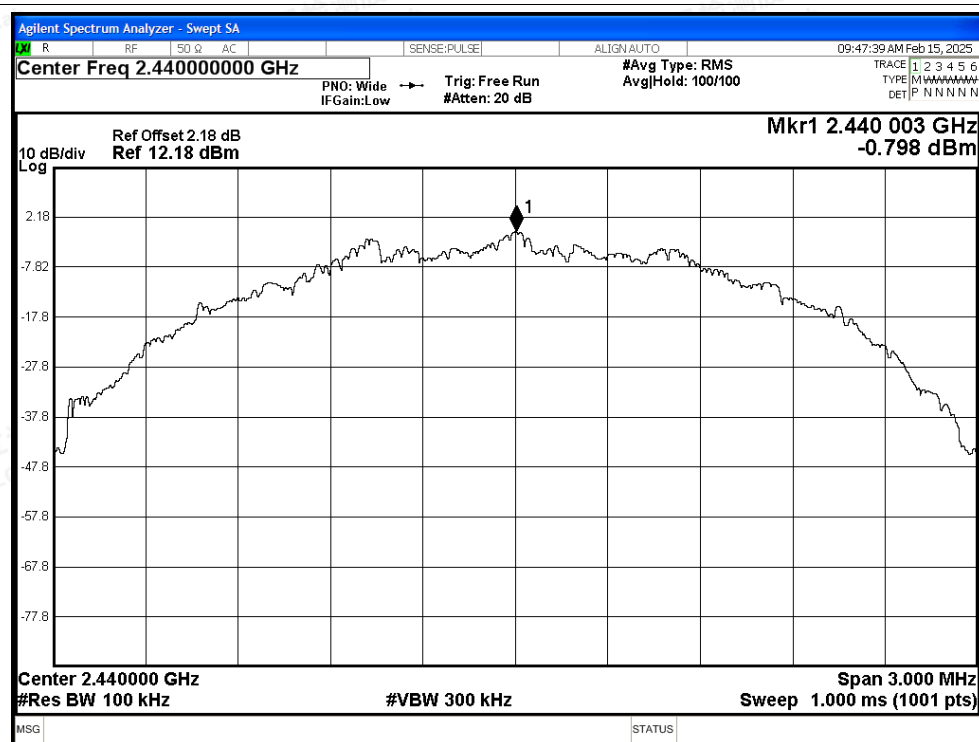
Add: 101, 201 Bldg A & 301 Bldg C, Juji Industrial Park Yabianxueziwei, Shajing Street, Baoan District, Shenzhen, 518000, China

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

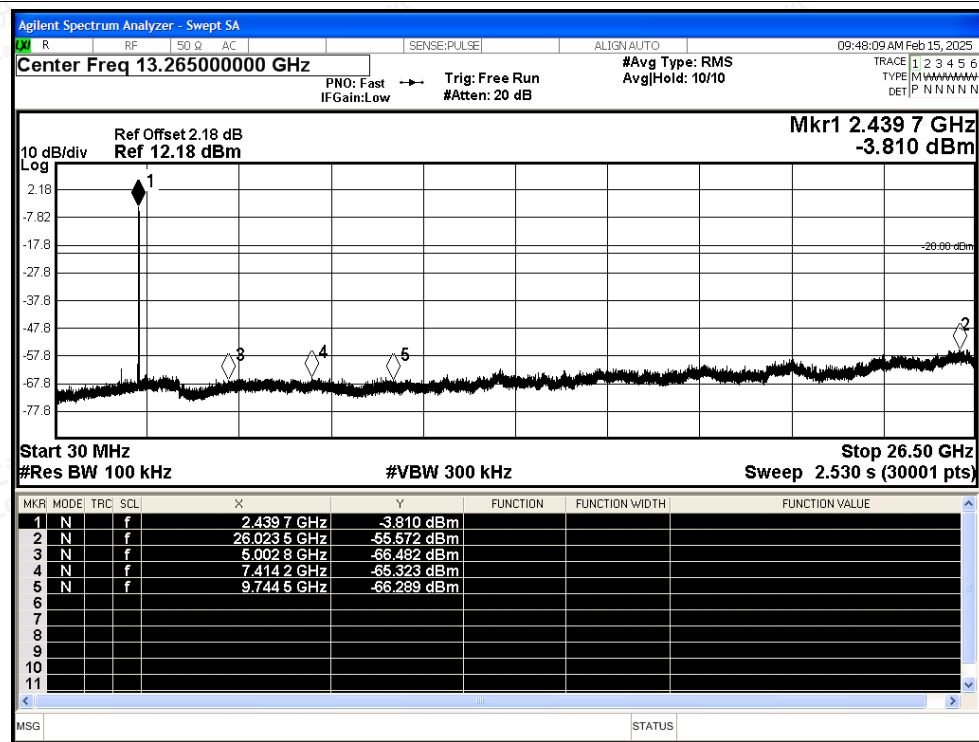
Scan code to check authenticity



Tx. Spurious NVNT BLE 2M 2440MHz Ant3 Ref



Tx. Spurious NVNT BLE 2M 2440MHz Ant3 Emission



Shenzhen LCS Compliance Testing Laboratory Ltd.

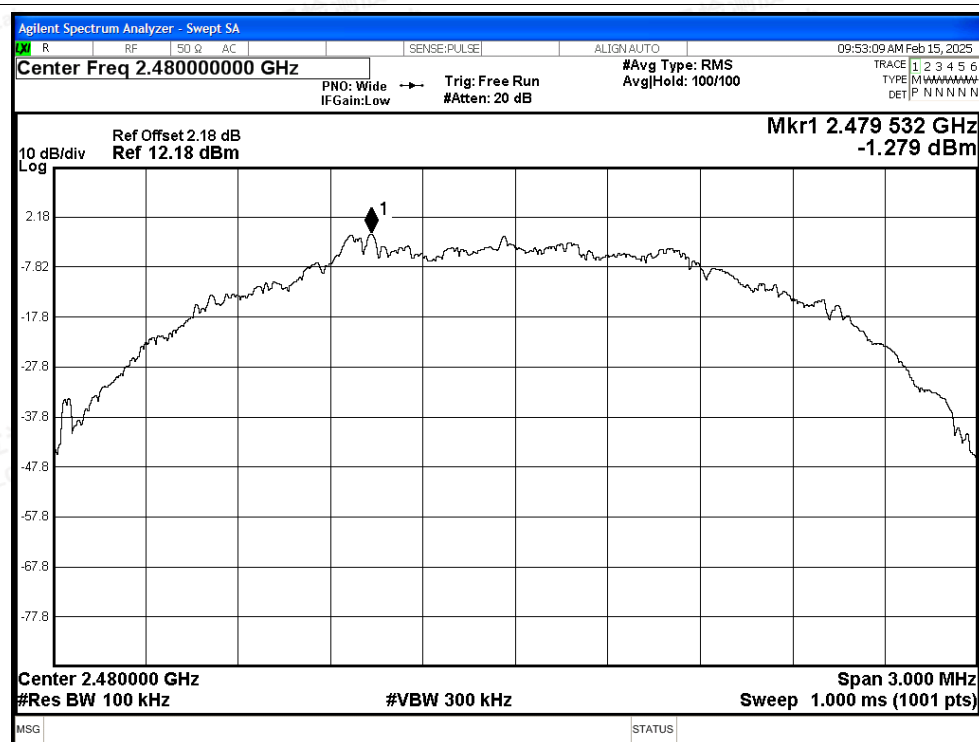
Add: 101, 201 Bldg A & 301 Bldg C, Juji Industrial Park Yabianxueziwei, Shajing Street, Baoan District, Shenzhen, 518000, China

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

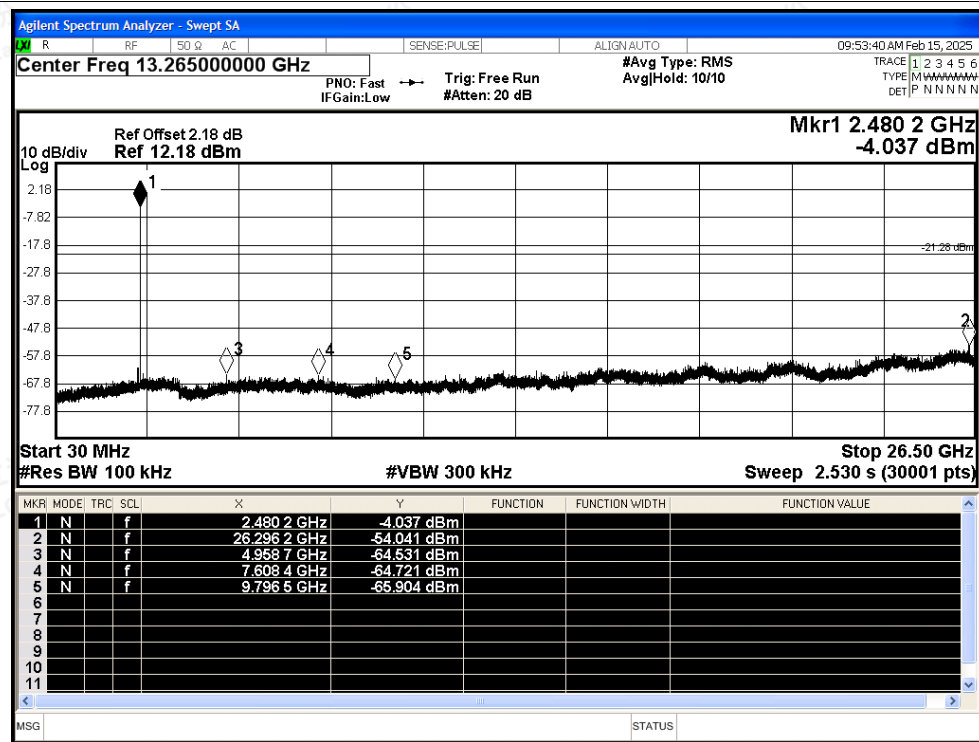
Scan code to check authenticity



Tx. Spurious NVNT BLE 2M 2480MHz Ant3 Ref



Tx. Spurious NVNT BLE 2M 2480MHz Ant3 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



B.6 Duty Cycle

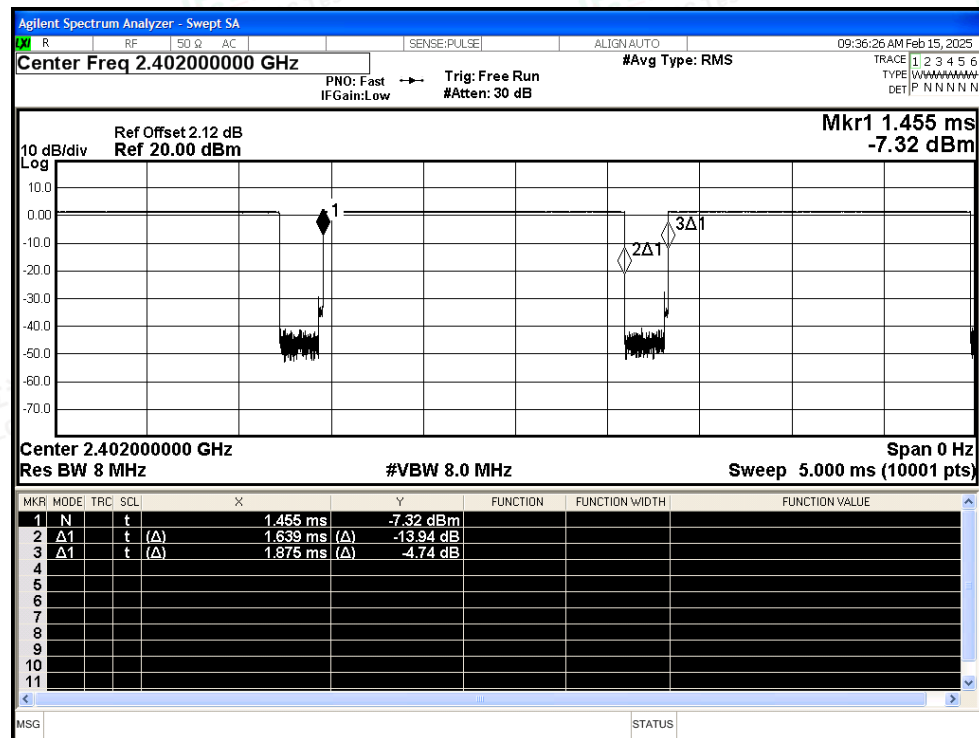
Condition	Mode	Frequency (MHz)	Antenna	Duty Cycle (%)	Correction Factor (dB)	1/T (kHz)
NVNT	BLE 1M	2402	Ant1	87.39	0.59	0.61
NVNT	BLE 1M	2440	Ant1	87.39	0.59	0.61
NVNT	BLE 1M	2480	Ant1	87.39	0.59	0.61
NVNT	BLE 2M	2402	Ant1	65.96	1.81	1.21
NVNT	BLE 2M	2440	Ant1	65.93	1.81	1.21
NVNT	BLE 2M	2480	Ant1	65.93	1.81	1.21



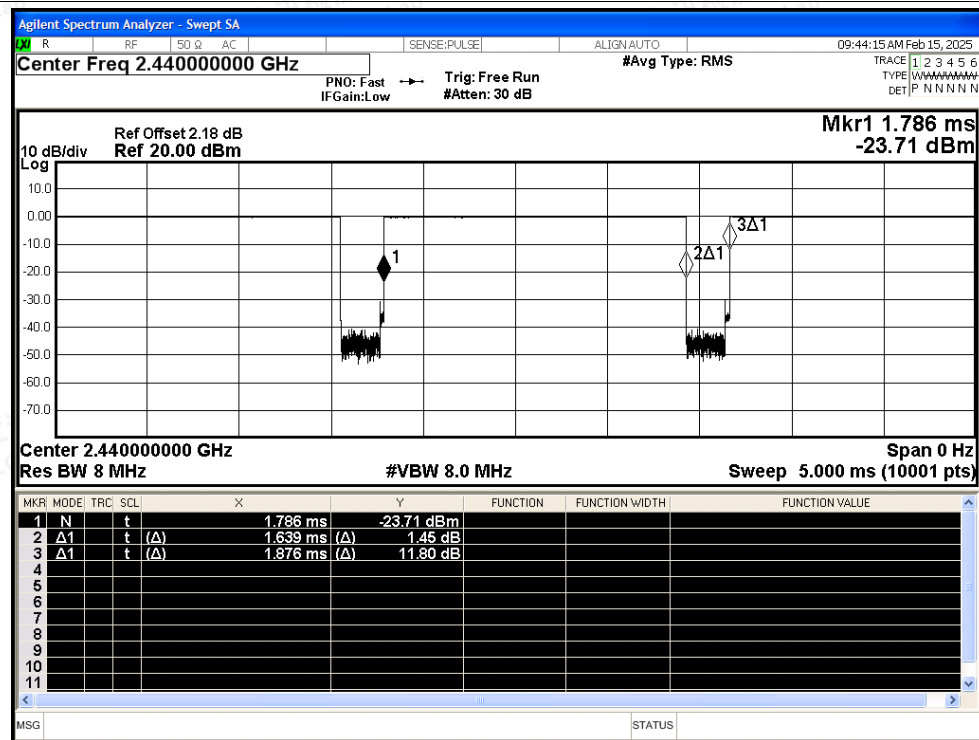


Test Graphs

Duty Cycle NVNT BLE 1M 2402MHz Ant1



Duty Cycle NVNT BLE 1M 2440MHz Ant1



Shenzhen LCS Compliance Testing Laboratory Ltd.

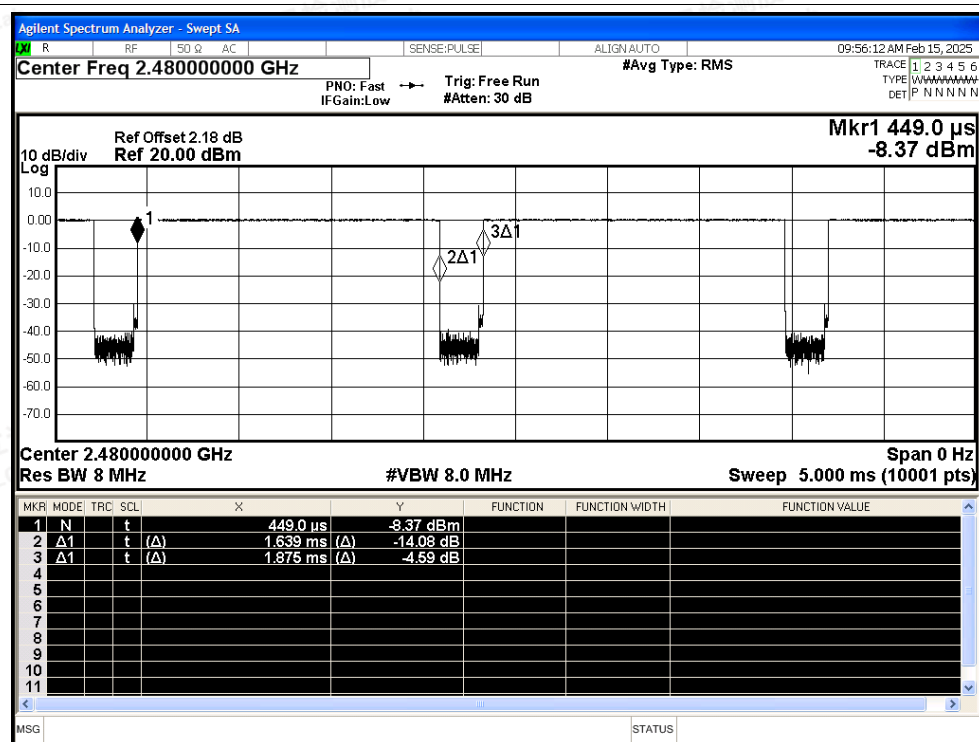
Add: 101, 201 Bldg A & 301 Bldg C, Juji Industrial Park Yabianxueziwei, Shajing Street, Baoan District, Shenzhen, 518000, China

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

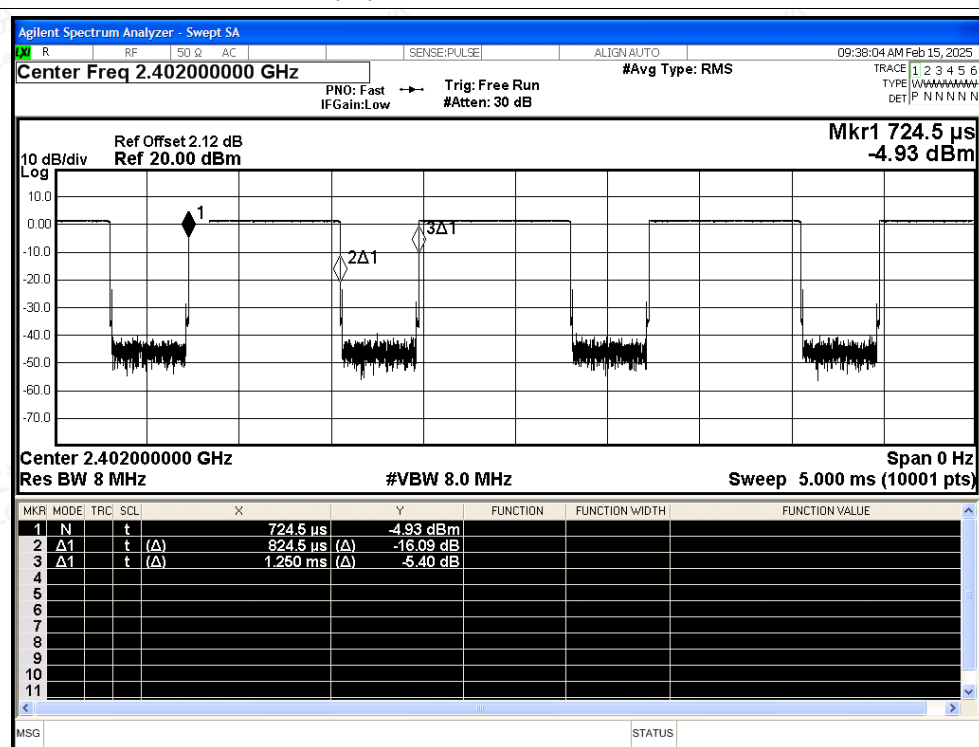
Scan code to check authenticity



Duty Cycle NVNT BLE 1M 2480MHz Ant1



Duty Cycle NVNT BLE 2M 2402MHz Ant1



Shenzhen LCS Compliance Testing Laboratory Ltd.

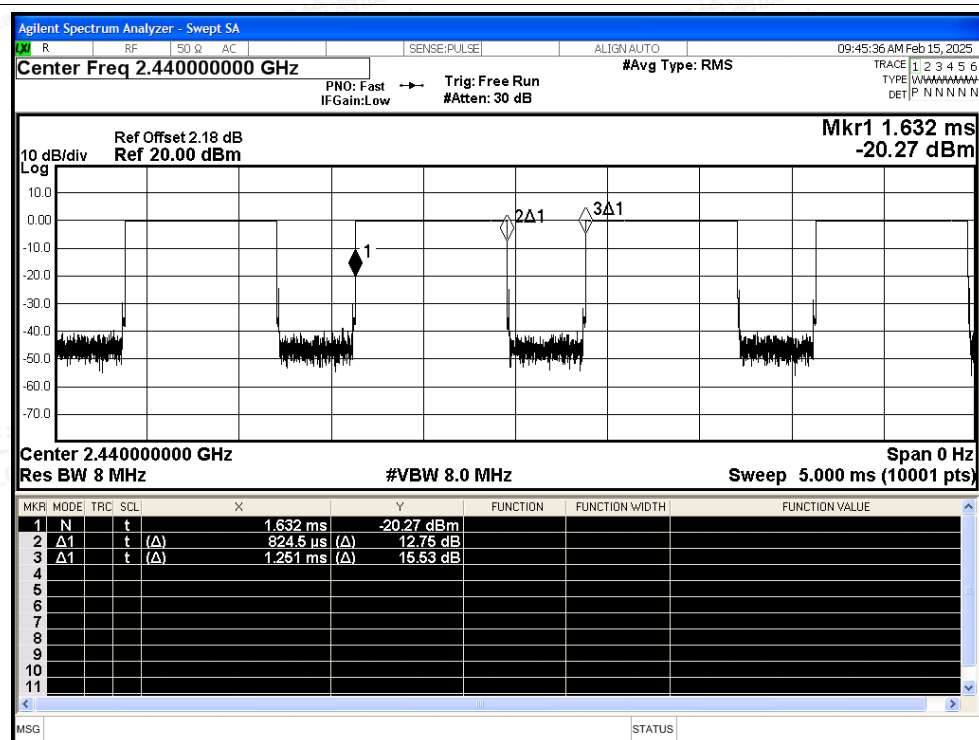
Add: 101, 201 Bldg A & 301 Bldg C, Juji Industrial Park Yabianxueziwei, Shajing Street, Baoan District, Shenzhen, 518000, China

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

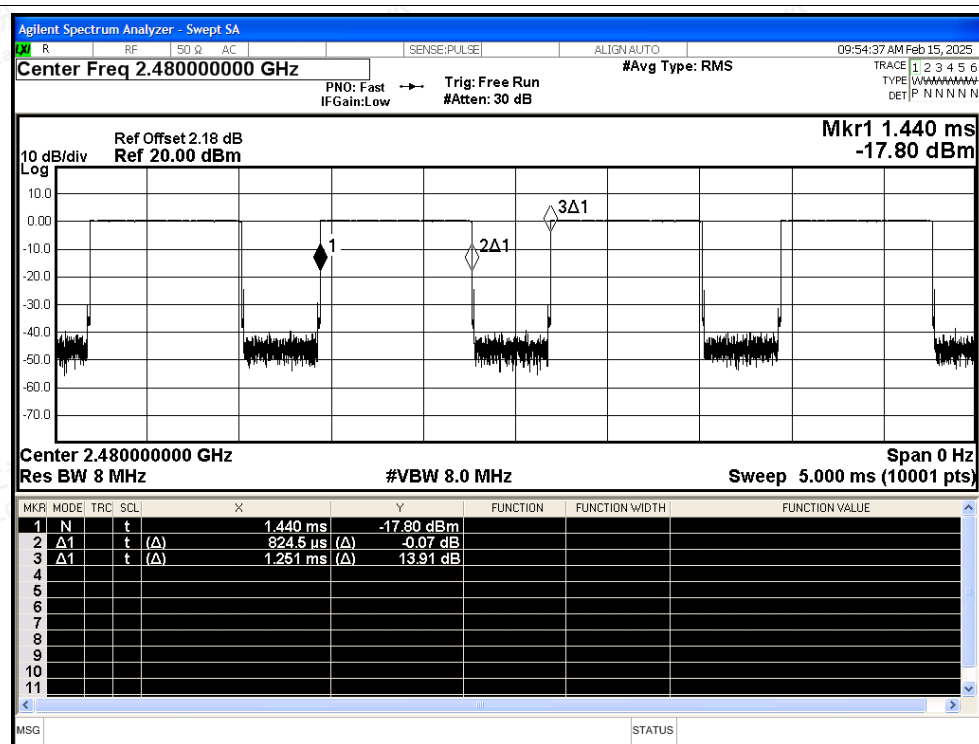
Scan code to check authenticity



Duty Cycle NVNT BLE 2M 2440MHz Ant1



Duty Cycle NVNT BLE 2M 2480MHz Ant1



Shenzhen LCS Compliance Testing Laboratory Ltd.

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

Scan code to check authenticity



Condition	Mode	Frequency (MHz)	Antenna	Duty Cycle (%)	Correction Factor (dB)	1/T (kHz)
NVNT	BLE 1M	2402	Ant3	87.41	0.58	0.61
NVNT	BLE 1M	2440	Ant3	87.39	0.59	0.61
NVNT	BLE 1M	2480	Ant3	87.39	0.59	0.61
NVNT	BLE 2M	2402	Ant3	65.92	1.81	1.21
NVNT	BLE 2M	2440	Ant3	65.92	1.81	1.21
NVNT	BLE 2M	2480	Ant3	65.96	1.81	1.21

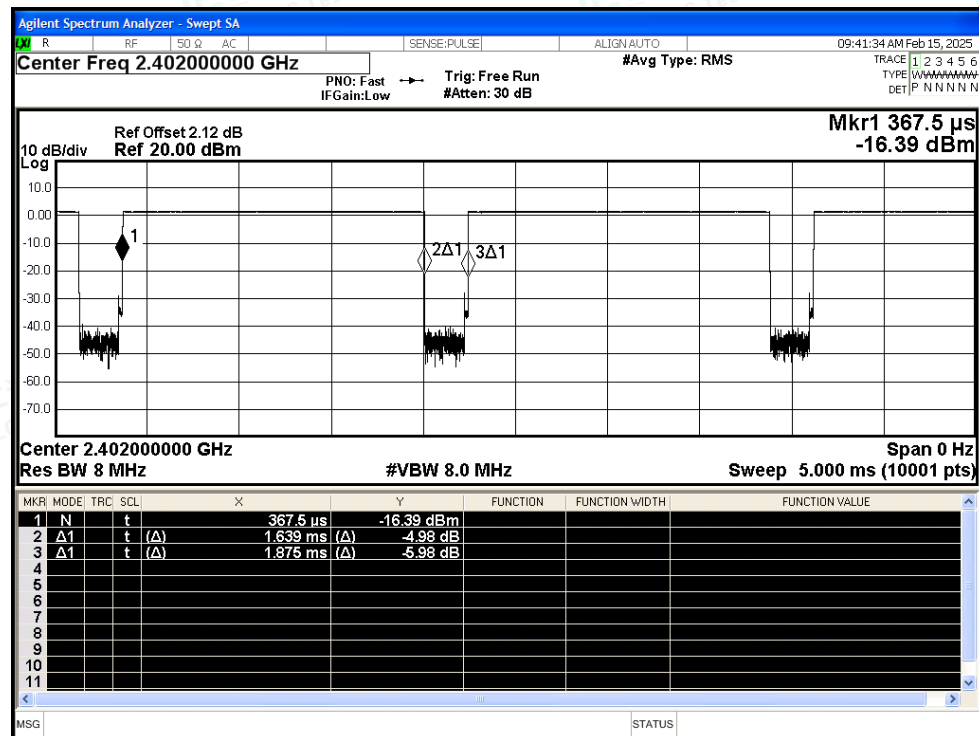


Shenzhen LCS Compliance Testing Laboratory Ltd.
Add: 101, 201 Bldg A & 301 Bldg C, Juji Industrial Park Yabianxueziwei, Shajing Street, Baoan District, Shenzhen, 518000, China
Tel: +(86) 0755-82591330 | E-mail: webmaster@lcs-cert.com | Web: www.lcs-cert.com
Scan code to check authenticity

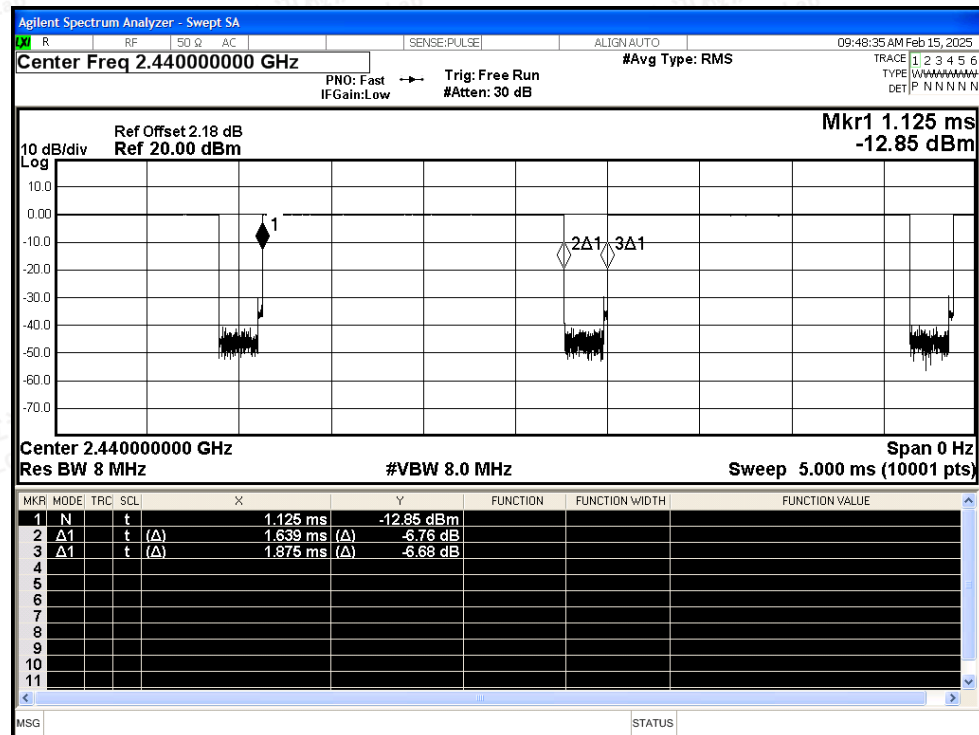


Test Graphs

Duty Cycle NVNT BLE 1M 2402MHz Ant3



Duty Cycle NVNT BLE 1M 2440MHz Ant3



Shenzhen LCS Compliance Testing Laboratory Ltd.

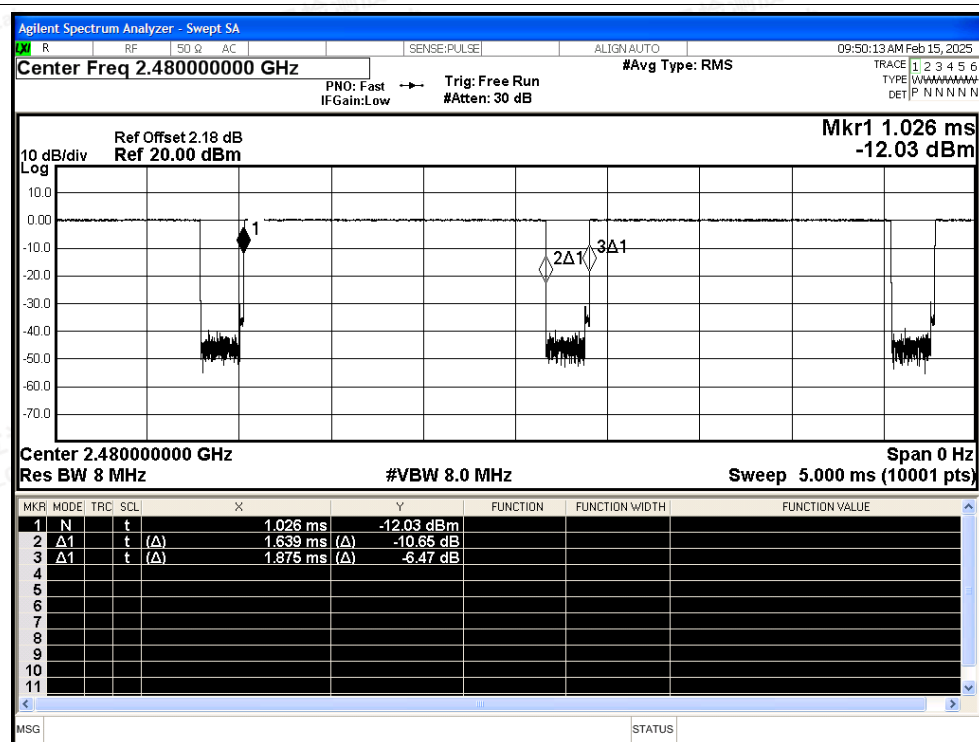
Add: 101, 201 Bldg A & 301 Bldg C, Juji Industrial Park Yabianxueziwei, Shajing Street, Baoan District, Shenzhen, 518000, China

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

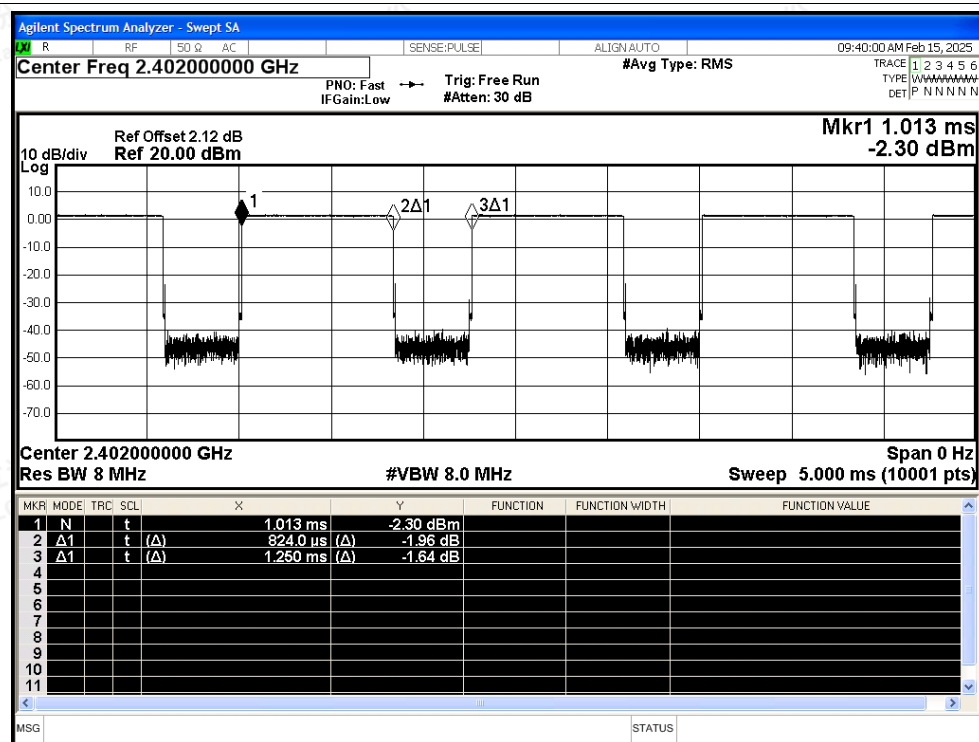
Scan code to check authenticity



Duty Cycle NVNT BLE 1M 2480MHz Ant3



Duty Cycle NVNT BLE 2M 2402MHz Ant3



Shenzhen LCS Compliance Testing Laboratory Ltd.

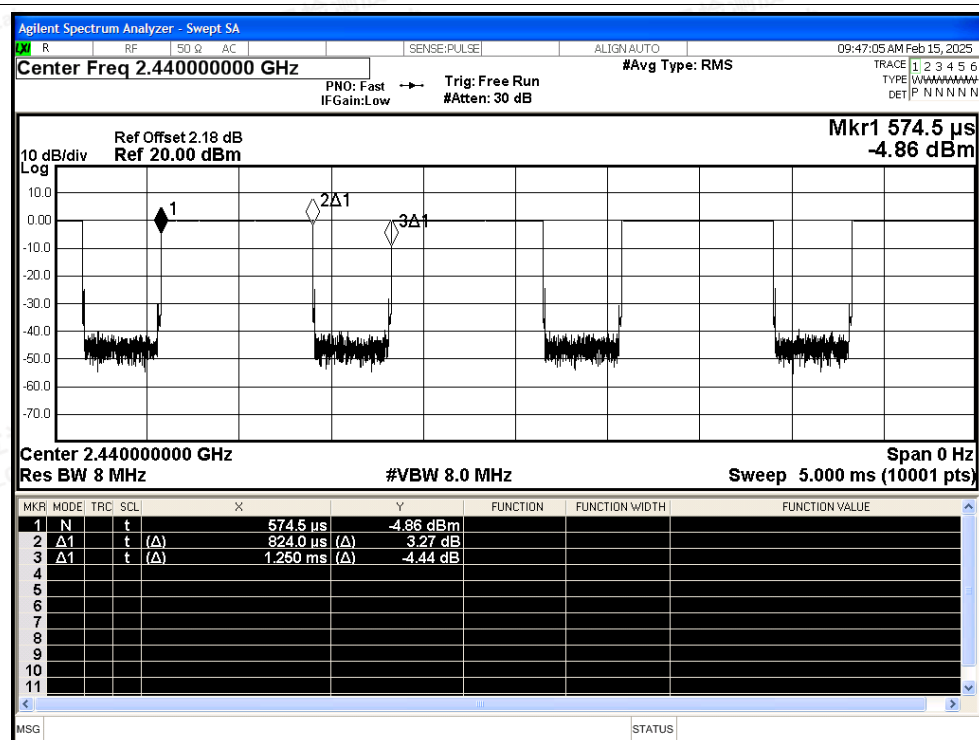
Add: 101, 201 Bldg A & 301 Bldg C, Juji Industrial Park Yabianxueziwei, Shajing Street, Baoan District, Shenzhen, 518000, China

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

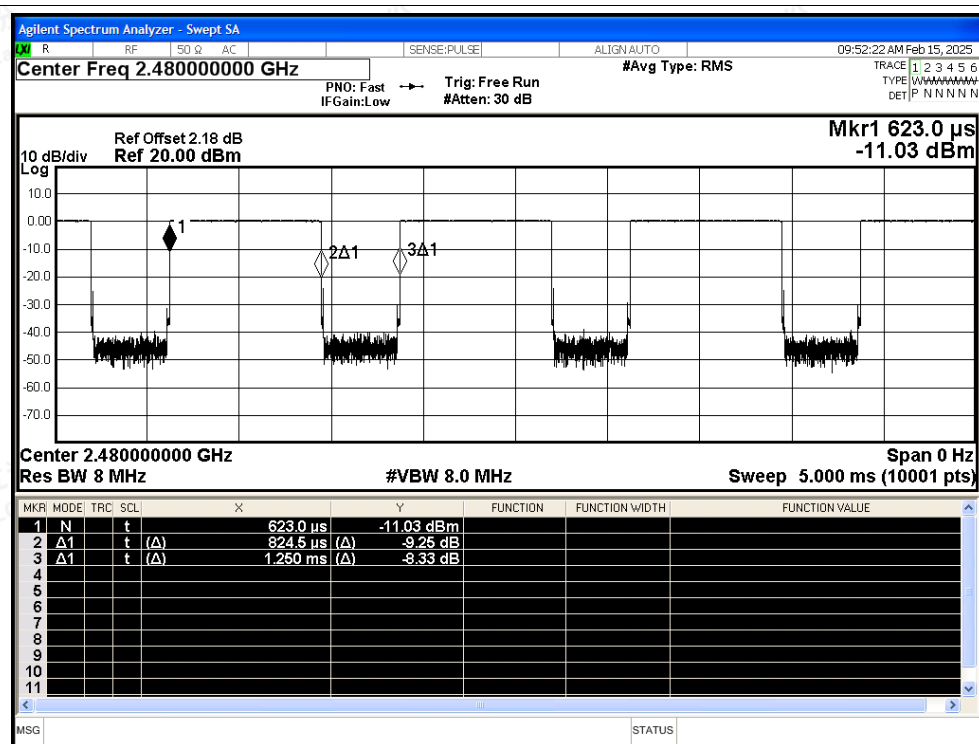
Scan code to check authenticity



Duty Cycle NVNT BLE 2M 2440MHz Ant3



Duty Cycle NVNT BLE 2M 2480MHz Ant3



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



B.7 Restrict Band

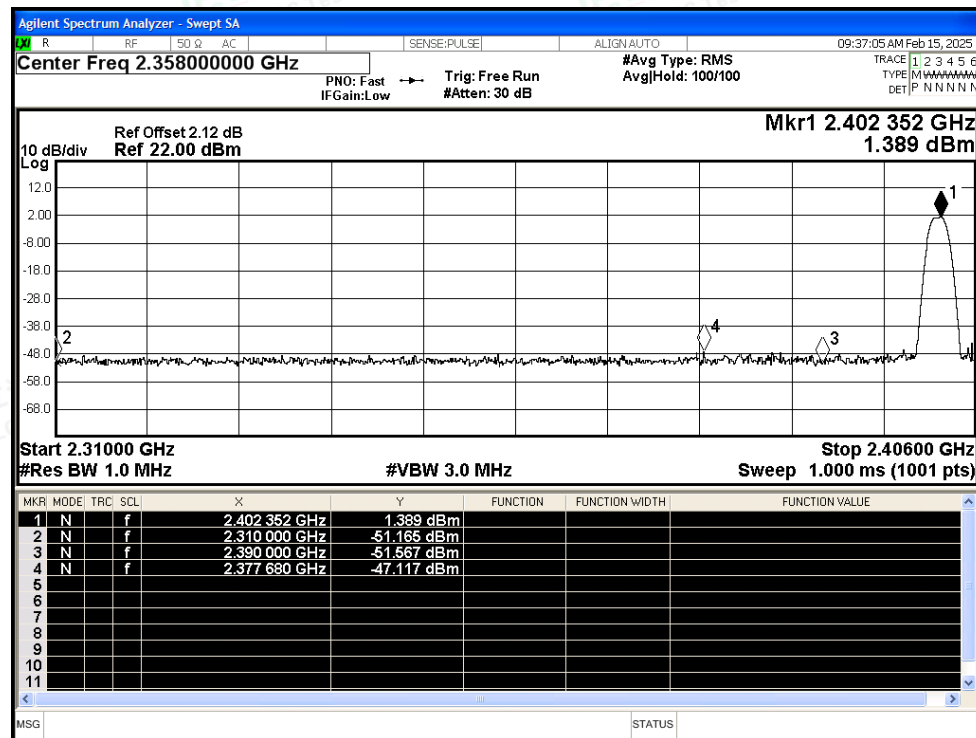
Condition	Mode	Frequency (MHz)	Antenna	Spur Freq (MHz)	Power (dBm)	Gain (dBi)	Duty Factor (dB)	E (dBuV/m)	Detector	Limit (dBuV/m)	Verdict
NVNT	BLE 1M	2402	Ant1	2310	-51.17	2.99	-	47.08	Peak	74	Pass
NVNT	BLE 1M	2402	Ant1	2310	-58.76	2.99	0.59	40.08	Average	54	Pass
NVNT	BLE 1M	2402	Ant1	2377.68	-47.12	2.99	-	51.13	Peak	74	Pass
NVNT	BLE 1M	2402	Ant1	2384.784	-58.07	2.99	0.59	40.77	Average	54	Pass
NVNT	BLE 1M	2402	Ant1	2390	-51.57	2.99	-	46.68	Peak	74	Pass
NVNT	BLE 1M	2402	Ant1	2390	-58.42	2.99	0.59	40.42	Average	54	Pass
NVNT	BLE 1M	2480	Ant1	2483.5	-49.6	2.99	-	48.65	Peak	74	Pass
NVNT	BLE 1M	2480	Ant1	2483.5	-57.84	2.99	0.59	41.00	Average	54	Pass
NVNT	BLE 1M	2480	Ant1	2486.464	-46.66	2.99	-	51.59	Peak	74	Pass
NVNT	BLE 1M	2480	Ant1	2483.92	-57.26	2.99	0.59	41.58	Average	54	Pass
NVNT	BLE 1M	2480	Ant1	2500	-50.62	2.99	-	47.63	Peak	74	Pass
NVNT	BLE 1M	2480	Ant1	2500	-58.07	2.99	0.59	40.77	Average	54	Pass
NVNT	BLE 2M	2402	Ant1	2310	-51.87	2.99	-	46.38	Peak	74	Pass
NVNT	BLE 2M	2402	Ant1	2310	-58.57	2.99	1.81	41.49	Average	54	Pass
NVNT	BLE 2M	2402	Ant1	2371.344	-47.42	2.99	-	50.83	Peak	74	Pass
NVNT	BLE 2M	2402	Ant1	2368.464	-57.77	2.99	1.81	42.29	Average	54	Pass
NVNT	BLE 2M	2402	Ant1	2390	-49.98	2.99	-	48.27	Peak	74	Pass
NVNT	BLE 2M	2402	Ant1	2390	-58.03	2.99	1.81	42.03	Average	54	Pass
NVNT	BLE 2M	2480	Ant1	2483.5	-50.35	2.99	-	47.90	Peak	74	Pass
NVNT	BLE 2M	2480	Ant1	2483.5	-57.85	2.99	1.81	42.21	Average	54	Pass
NVNT	BLE 2M	2480	Ant1	2483.944	-45.45	2.99	-	52.80	Peak	74	Pass
NVNT	BLE 2M	2480	Ant1	2499.544	-57.17	2.99	1.81	42.89	Average	54	Pass
NVNT	BLE 2M	2480	Ant1	2500	-49.06	2.99	-	49.19	Peak	74	Pass
NVNT	BLE 2M	2480	Ant1	2500	-58.07	2.99	1.81	41.99	Average	54	Pass



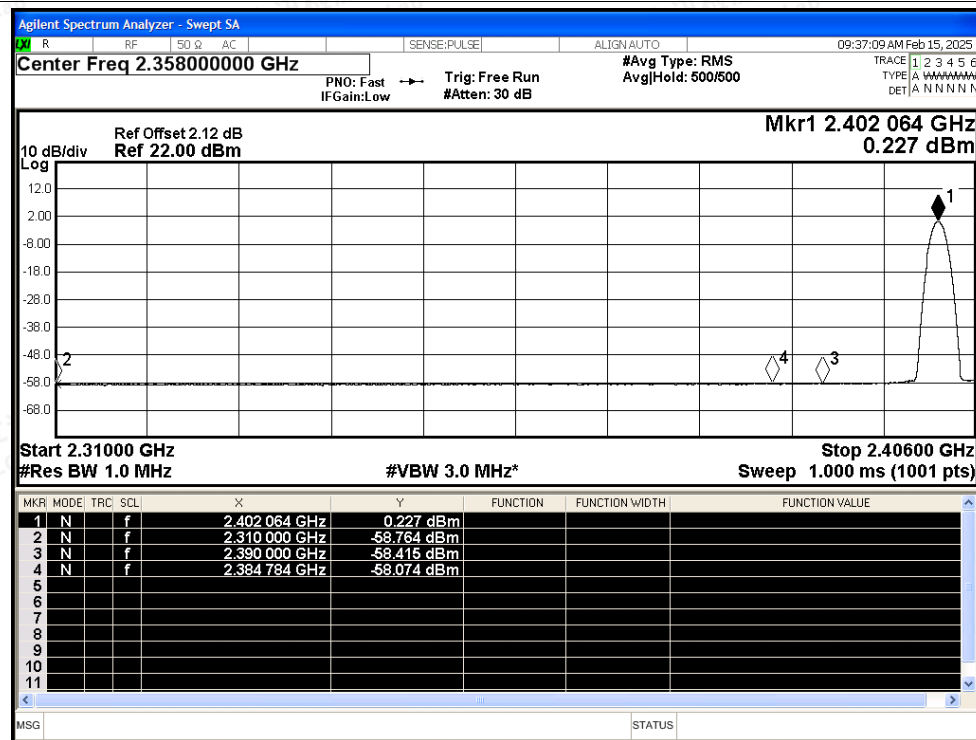


Test Graphs

Restrict Band NVNT BLE 1M 2402MHz Ant1 Peak



Restrict Band NVNT BLE 1M 2402MHz Ant1 Average



Shenzhen LCS Compliance Testing Laboratory Ltd.

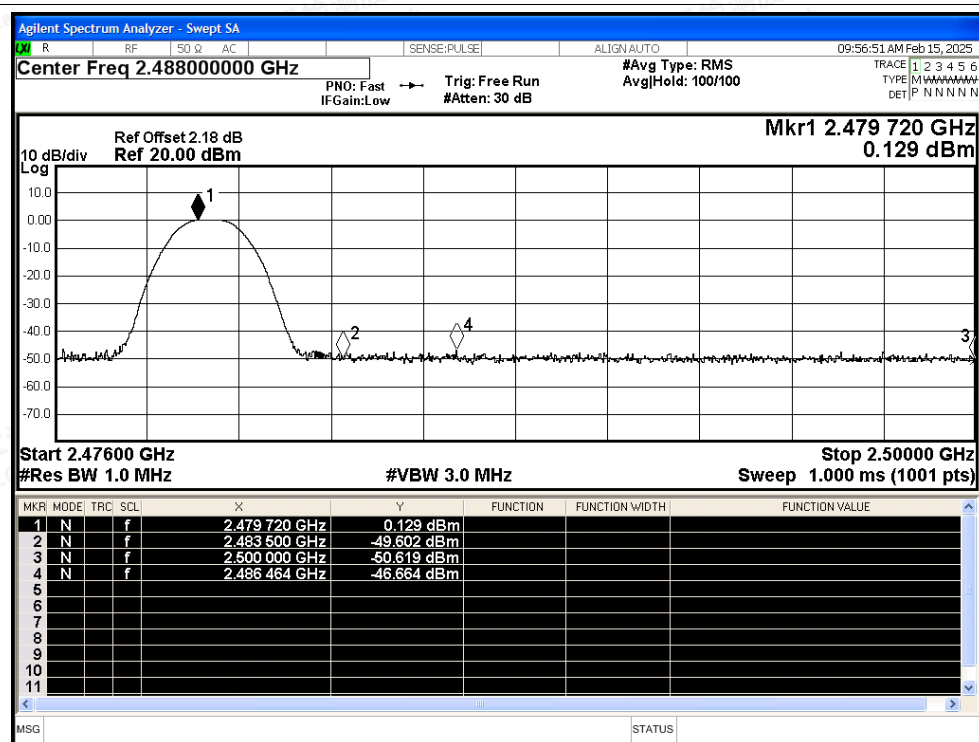
Add: 101, 201 Bldg A & 301 Bldg C, Juji Industrial Park Yabianxueziwei, Shajing Street, Baoan District, Shenzhen, 518000, China

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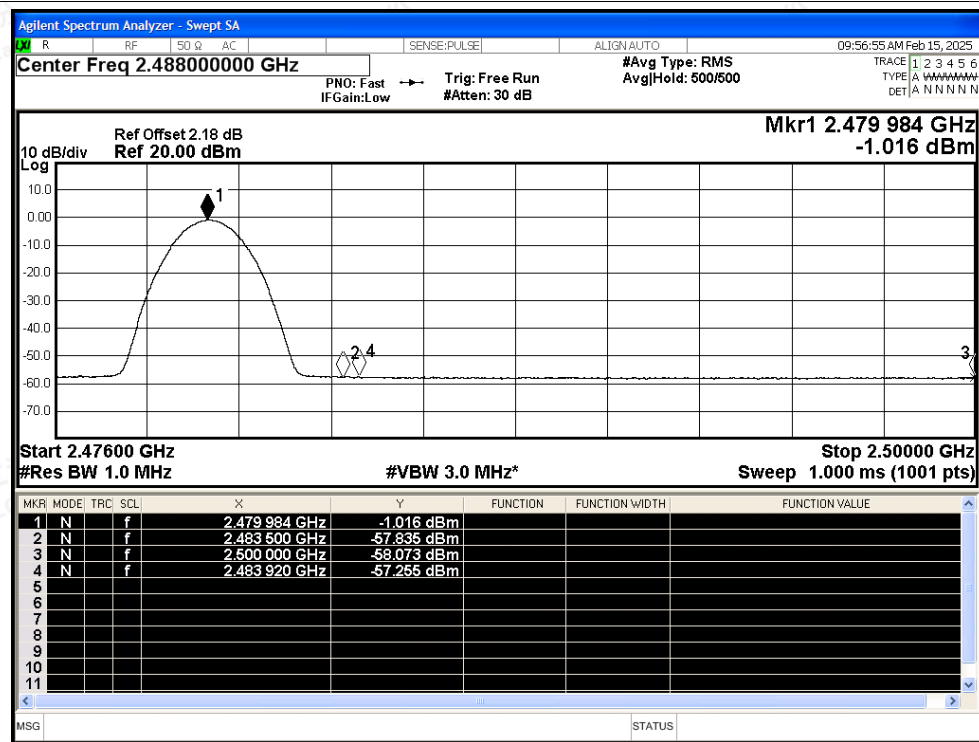
Scan code to check authenticity



Restrict Band NVNT BLE 1M 2480MHz Ant1 Peak



Restrict Band NVNT BLE 1M 2480MHz Ant1 Average



Shenzhen LCS Compliance Testing Laboratory Ltd.

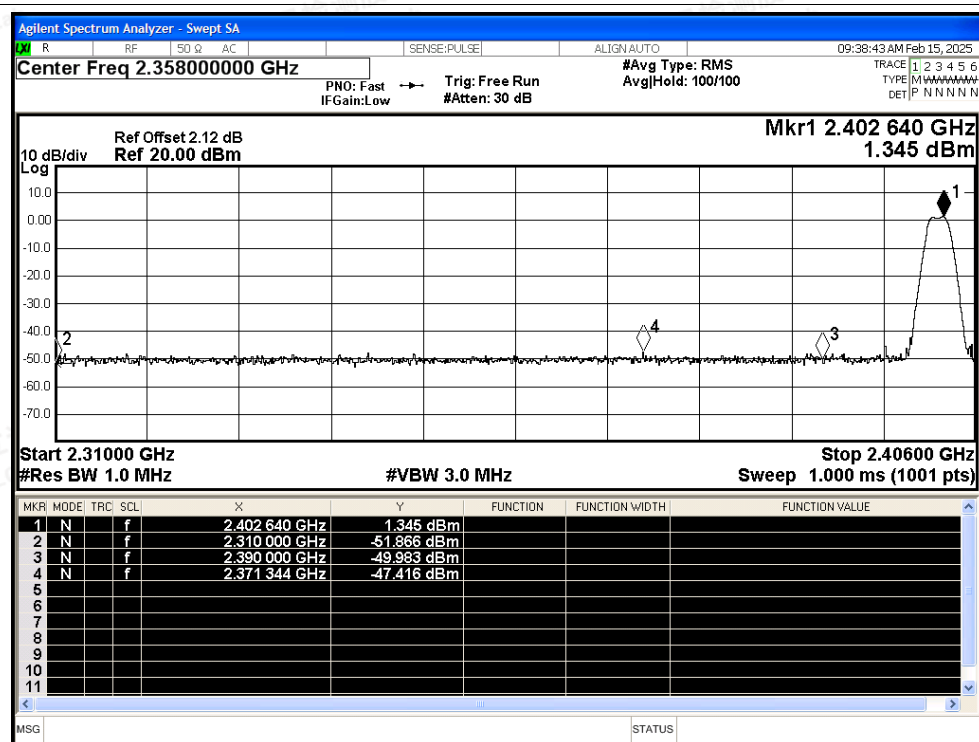
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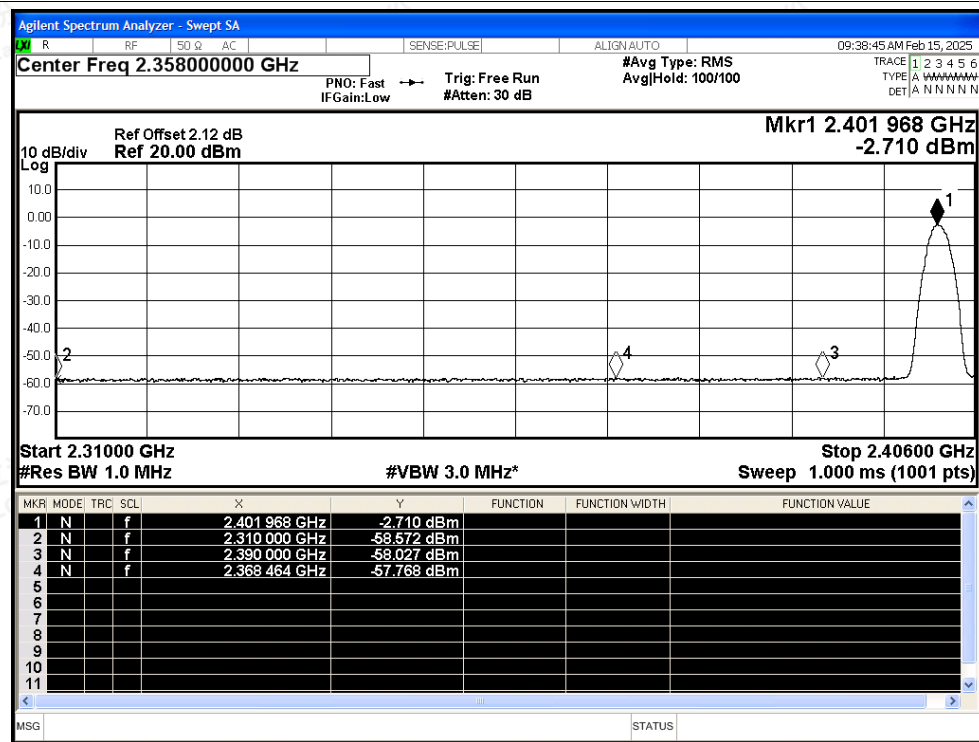
Scan code to check authenticity



Restrict Band NVNT BLE 2M 2402MHz Ant1 Peak

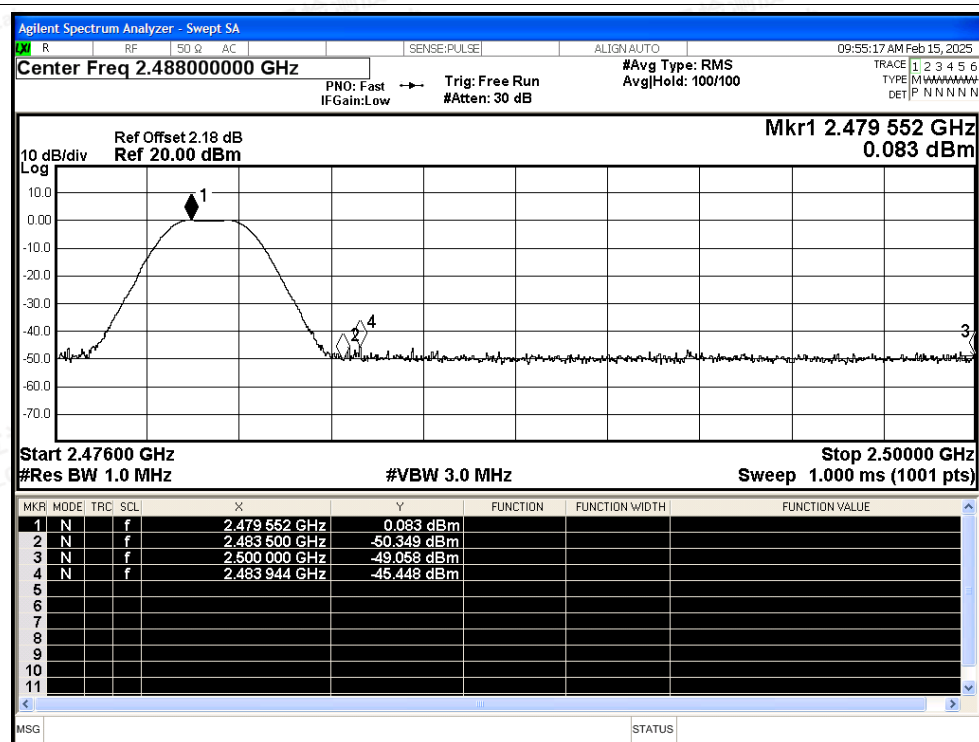


Restrict Band NVNT BLE 2M 2402MHz Ant1 Average

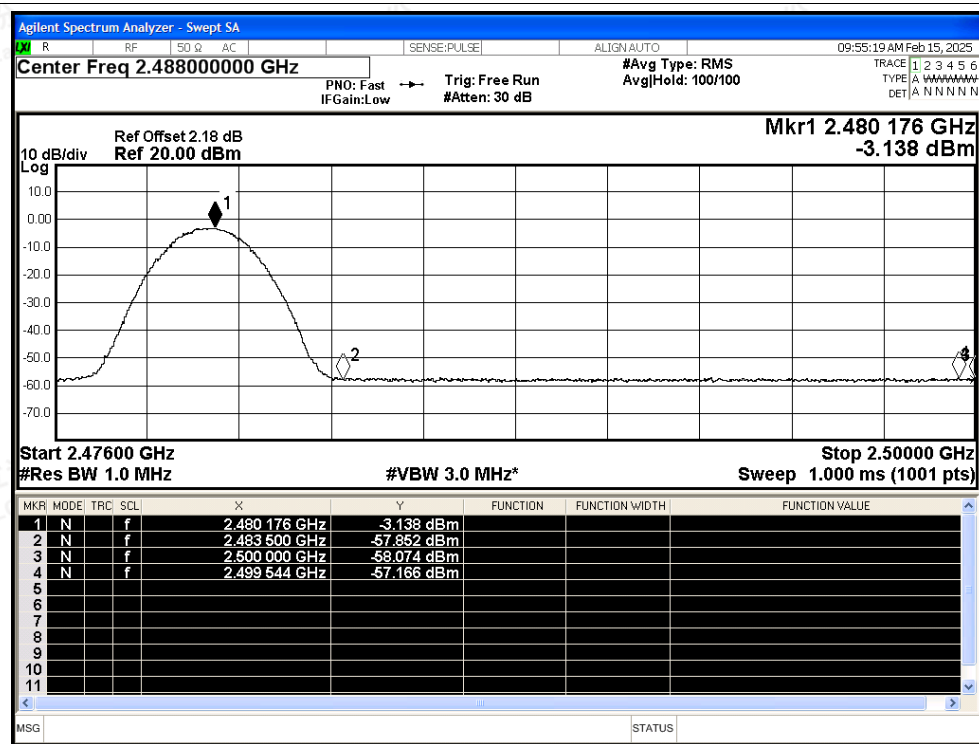




Restrict Band NVNT BLE 2M 2480MHz Ant1 Peak



Restrict Band NVNT BLE 2M 2480MHz Ant1 Average



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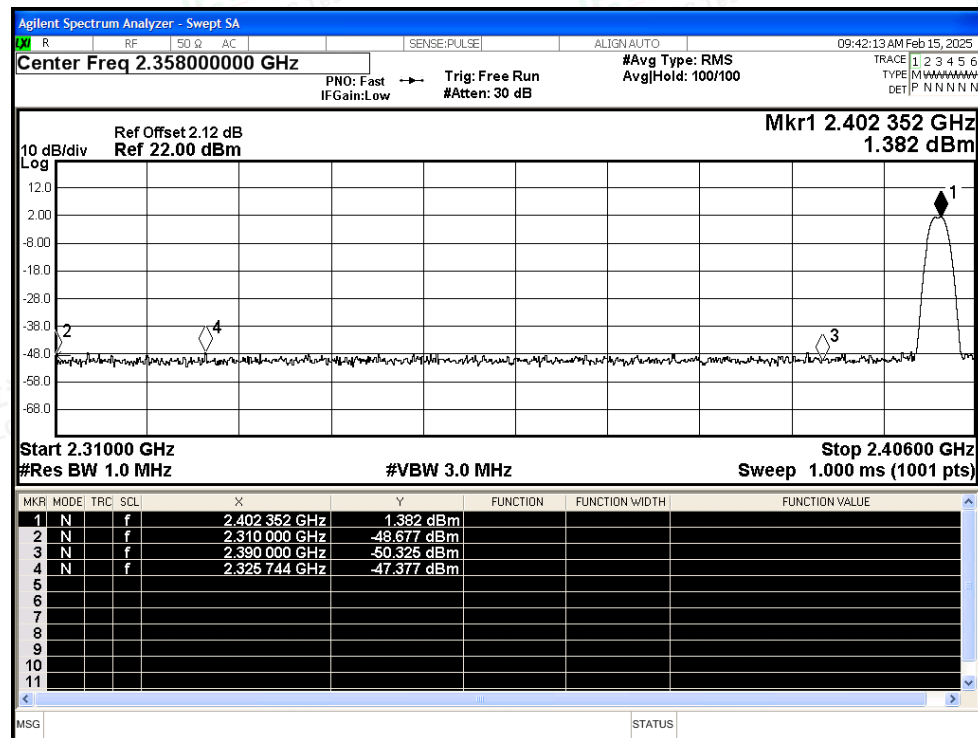
Condition	Mode	Frequency (MHz)	Antenna	Spur Freq (MHz)	Power (dBm)	Gain (dBi)	Duty Factor (dB)	E (dBuV/m)	Detector	Limit (dBuV/m)	Verdict
NVNT	BLE 1M	2402	Ant3	2310	-48.68	2.99	-	49.57	Peak	74	Pass
NVNT	BLE 1M	2402	Ant3	2310	-58.97	2.99	0.58	39.86	Average	54	Pass
NVNT	BLE 1M	2402	Ant3	2325.744	-47.38	2.99	-	50.87	Peak	74	Pass
NVNT	BLE 1M	2402	Ant3	2384.304	-58.01	2.99	0.58	40.82	Average	54	Pass
NVNT	BLE 1M	2402	Ant3	2390	-50.33	2.99	-	47.92	Peak	74	Pass
NVNT	BLE 1M	2402	Ant3	2390	-58.21	2.99	0.58	40.62	Average	54	Pass
NVNT	BLE 1M	2480	Ant3	2483.5	-49.87	2.99	-	48.38	Peak	74	Pass
NVNT	BLE 1M	2480	Ant3	2483.5	-57.54	2.99	0.59	41.30	Average	54	Pass
NVNT	BLE 1M	2480	Ant3	2483.968	-45.91	2.99	-	52.34	Peak	74	Pass
NVNT	BLE 1M	2480	Ant3	2483.608	-57.33	2.99	0.59	41.51	Average	54	Pass
NVNT	BLE 1M	2480	Ant3	2500	-49.13	2.99	-	49.12	Peak	74	Pass
NVNT	BLE 1M	2480	Ant3	2500	-57.98	2.99	0.59	40.86	Average	54	Pass
NVNT	BLE 2M	2402	Ant3	2310	-50.43	2.99	-	47.82	Peak	74	Pass
NVNT	BLE 2M	2402	Ant3	2310	-58.62	2.99	1.81	41.44	Average	54	Pass
NVNT	BLE 2M	2402	Ant3	2339.952	-47.22	2.99	-	51.03	Peak	74	Pass
NVNT	BLE 2M	2402	Ant3	2380.752	-57.69	2.99	1.81	42.37	Average	54	Pass
NVNT	BLE 2M	2402	Ant3	2390	-49.1	2.99	-	49.15	Peak	74	Pass
NVNT	BLE 2M	2402	Ant3	2390	-58.32	2.99	1.81	41.74	Average	54	Pass
NVNT	BLE 2M	2480	Ant3	2483.5	-49.64	2.99	-	48.61	Peak	74	Pass
NVNT	BLE 2M	2480	Ant3	2483.5	-57.47	2.99	1.81	42.59	Average	54	Pass
NVNT	BLE 2M	2480	Ant3	2485.528	-45.35	2.99	-	52.90	Peak	74	Pass
NVNT	BLE 2M	2480	Ant3	2483.848	-57.04	2.99	1.81	43.02	Average	54	Pass
NVNT	BLE 2M	2480	Ant3	2500	-49.59	2.99	-	48.66	Peak	74	Pass
NVNT	BLE 2M	2480	Ant3	2500	-58.2	2.99	1.81	41.86	Average	54	Pass



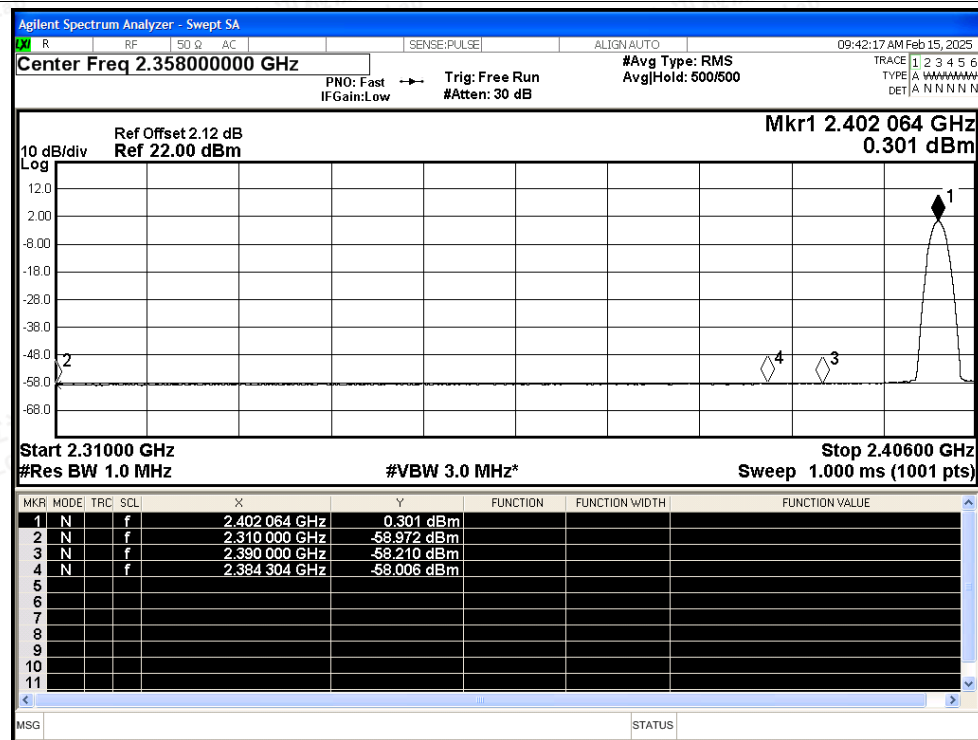


Test Graphs

Restrict Band NVNT BLE 1M 2402MHz Ant3 Peak



Restrict Band NVNT BLE 1M 2402MHz Ant3 Average



Shenzhen LCS Compliance Testing Laboratory Ltd.

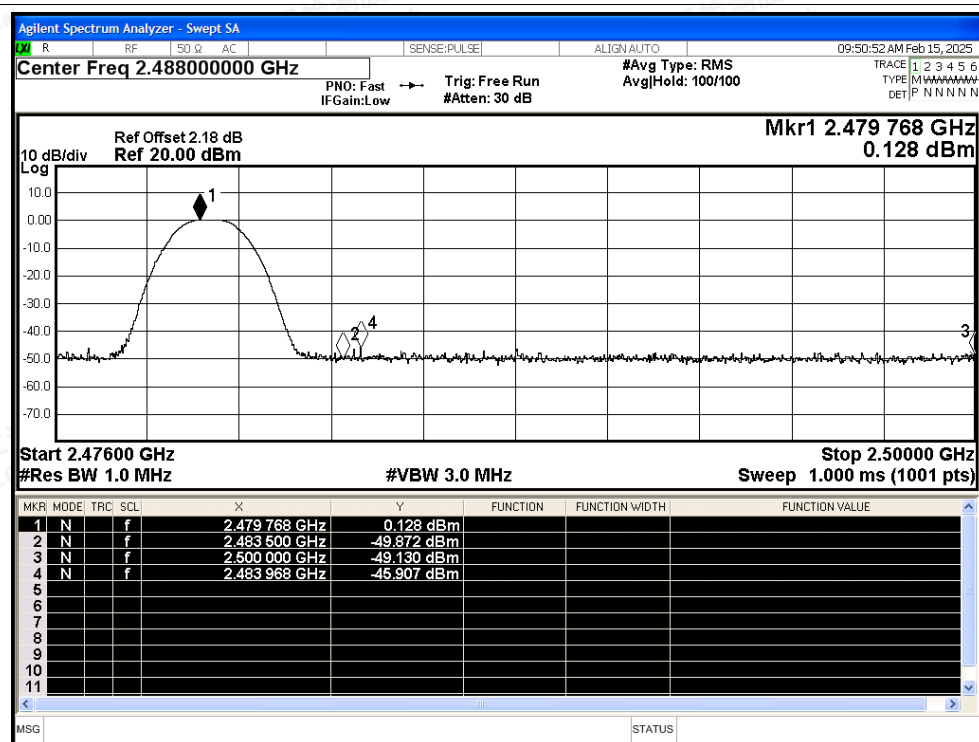
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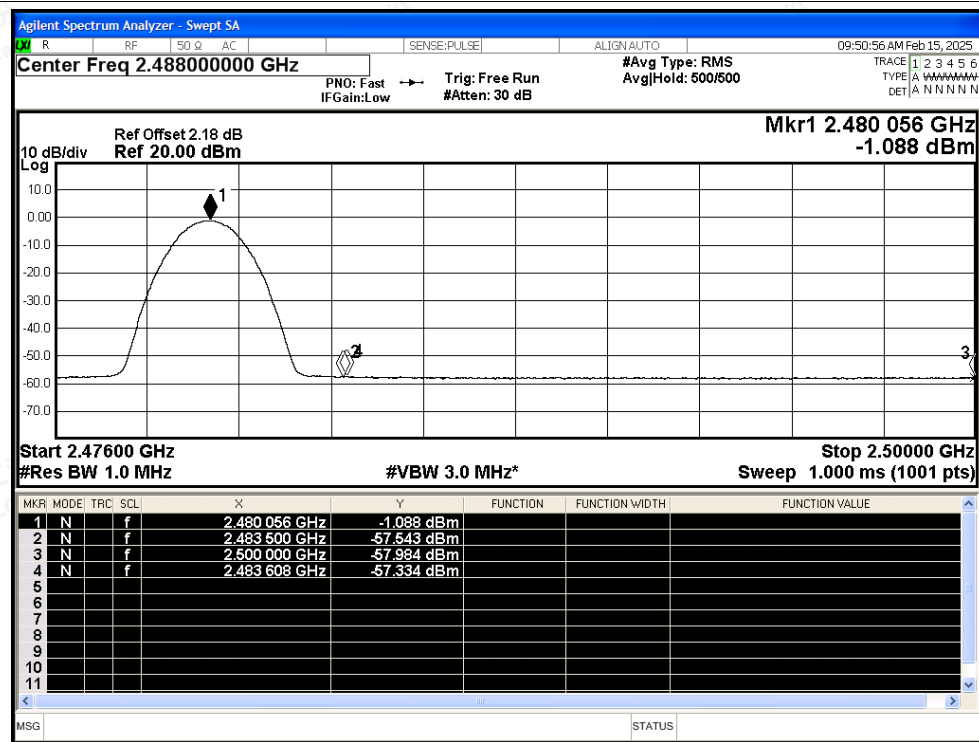
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Restrict Band NVNT BLE 1M 2480MHz Ant3 Peak

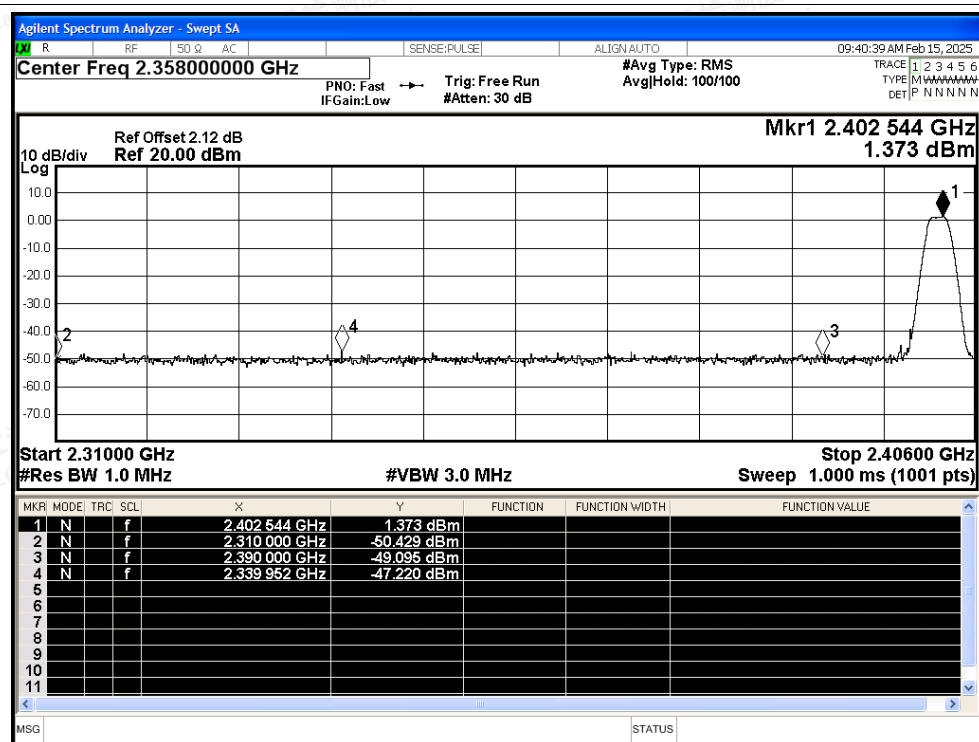


Restrict Band NVNT BLE 1M 2480MHz Ant3 Average

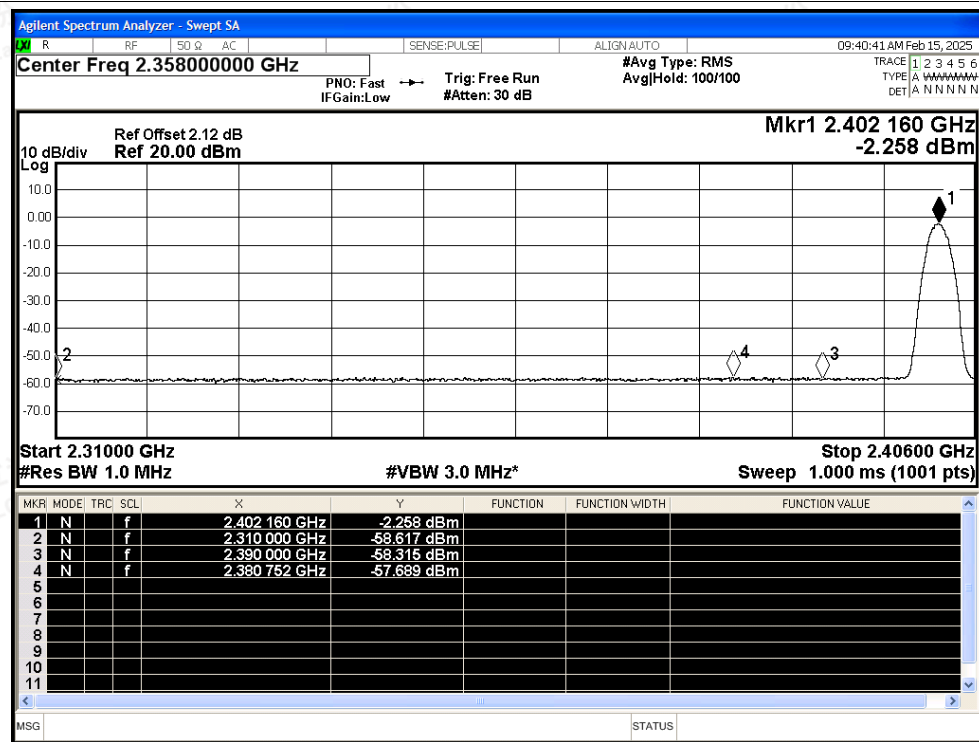




Restrict Band NVNT BLE 2M 2402MHz Ant3 Peak

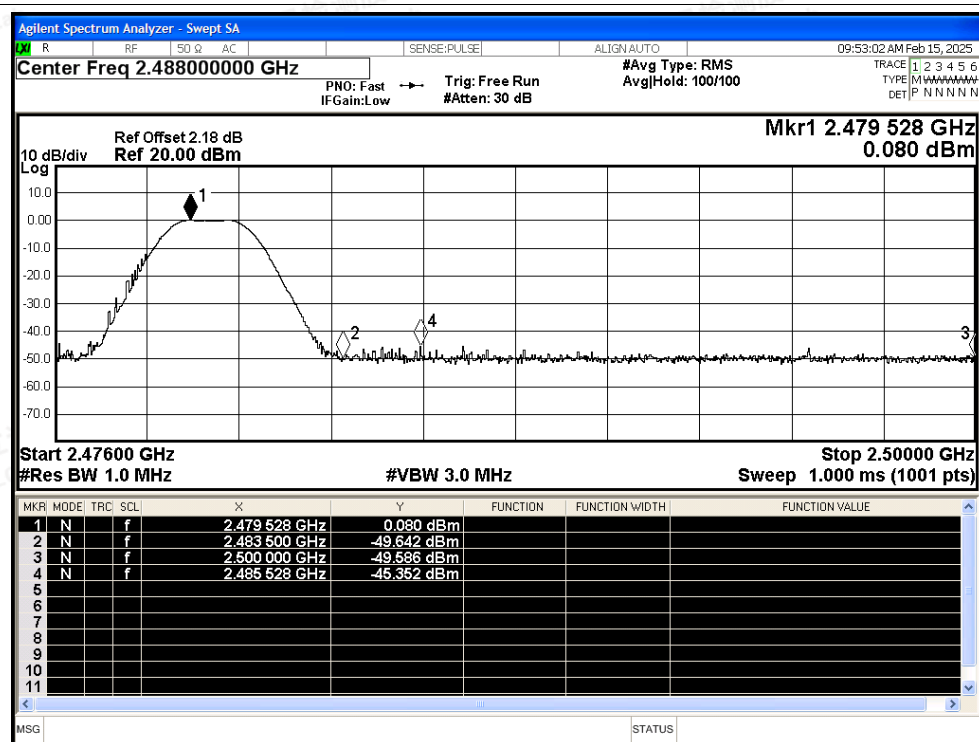


Restrict Band NVNT BLE 2M 2402MHz Ant3 Average

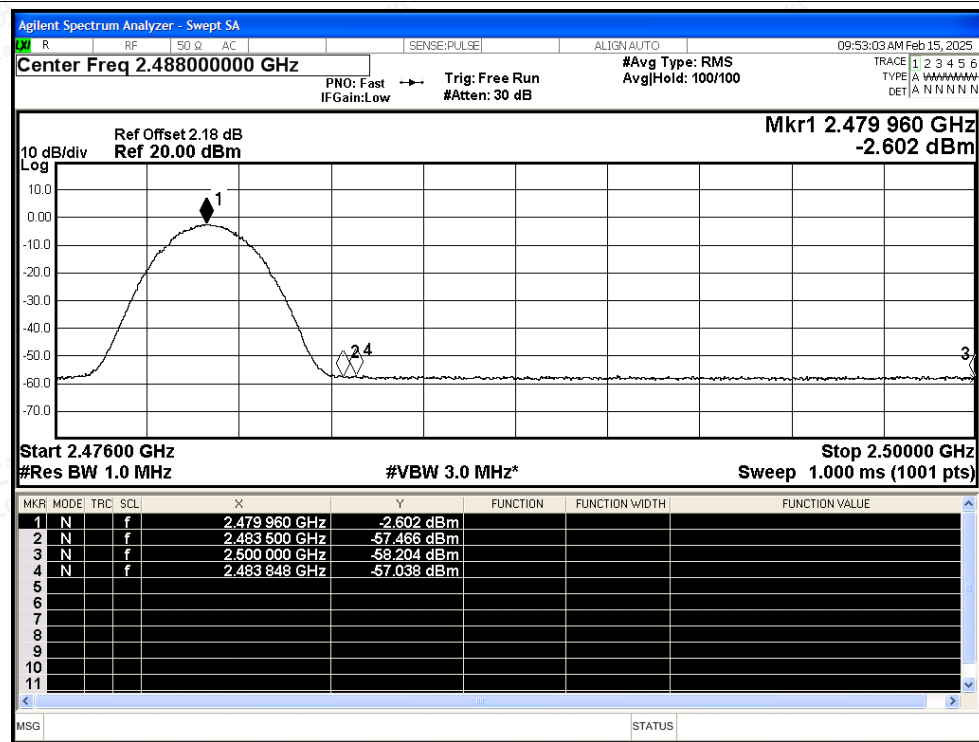




Restrict Band NVNT BLE 2M 2480MHz Ant3 Peak



Restrict Band NVNT BLE 2M 2480MHz Ant3 Average



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