



Appendix B

RF Test Data for BT LE (Conducted Measurement)

Product Name: Digital Wireless Stereo Headphones

Test Model: RB-F10

Environmental Conditions

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





B.1 -6dB Bandwidth

Left ear:

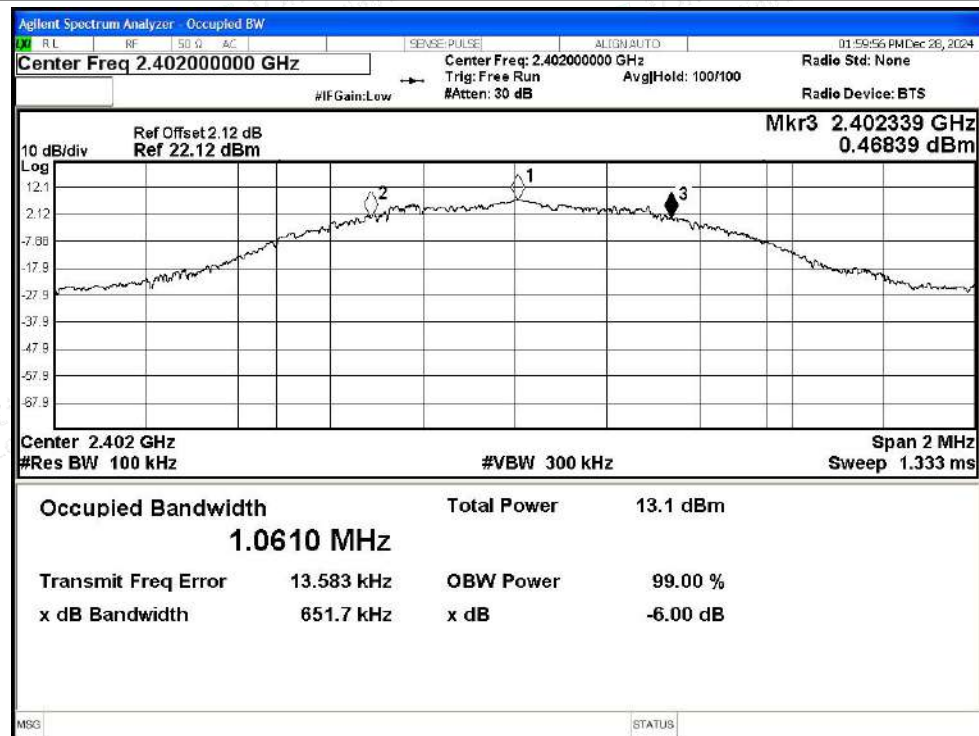
Condition	Mode	Frequency (MHz)	Antenna	-6 dB Bandwidth (MHz)	Limit -6 dB Bandwidth (MHz)	Verdict
NVNT	BLE 1M	2402	Ant1	0.652	≥ 0.5	Pass
NVNT	BLE 1M	2440	Ant1	0.645	≥ 0.5	Pass
NVNT	BLE 1M	2480	Ant1	0.66	≥ 0.5	Pass
NVNT	BLE 2M	2402	Ant1	1.003	≥ 0.5	Pass
NVNT	BLE 2M	2440	Ant1	1.075	≥ 0.5	Pass
NVNT	BLE 2M	2480	Ant1	0.986	≥ 0.5	Pass



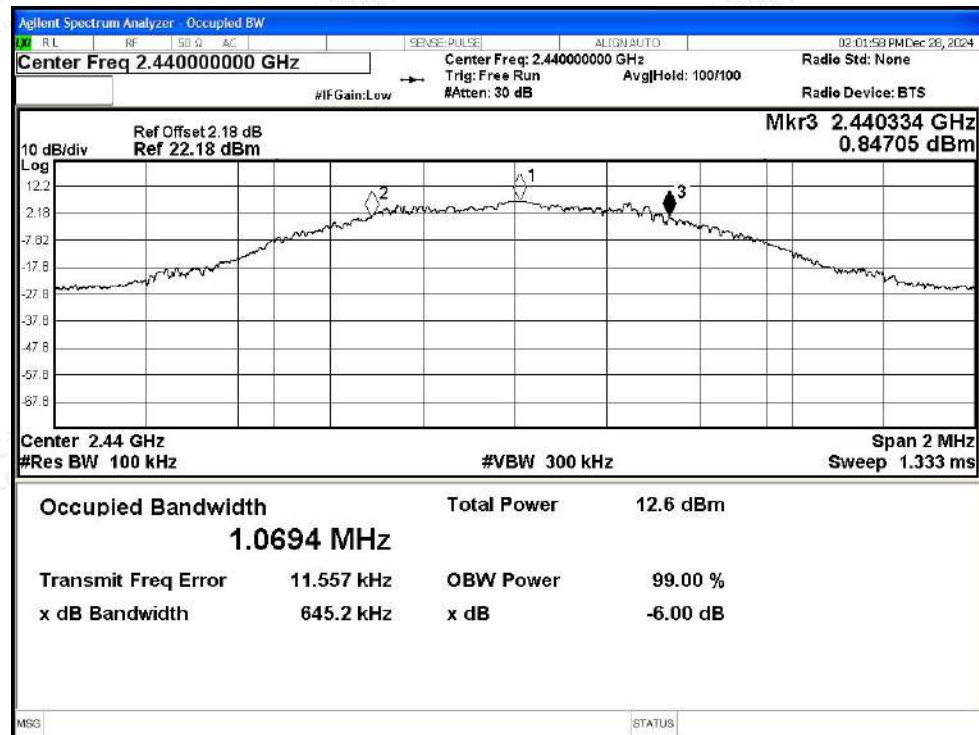


Test Graphs

-6dB Bandwidth NVNT BLE 1M 2402MHz Ant1



-6dB Bandwidth NVNT BLE 1M 2440MHz Ant1



Shenzhen LCS Compliance Testing Laboratory Ltd.

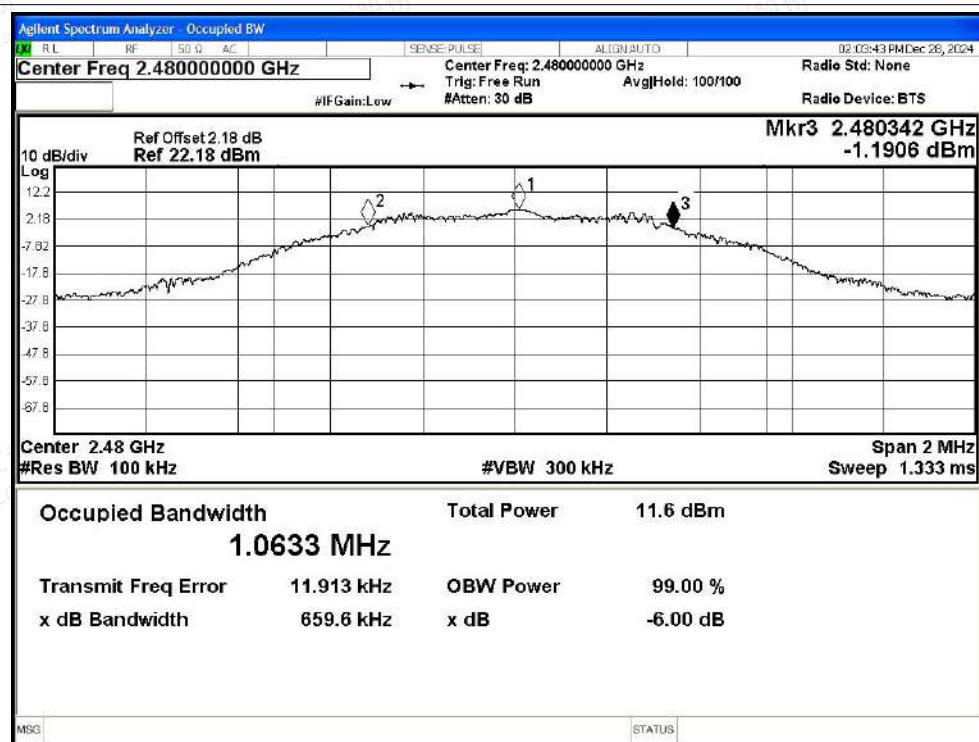
Add: Room 101, 201, Building A and Room 301, Building C, Juji Industrial Park, Yabianxueziwei, Shajing Street, Bao'an District, Shenzhen, Guangdong, China

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

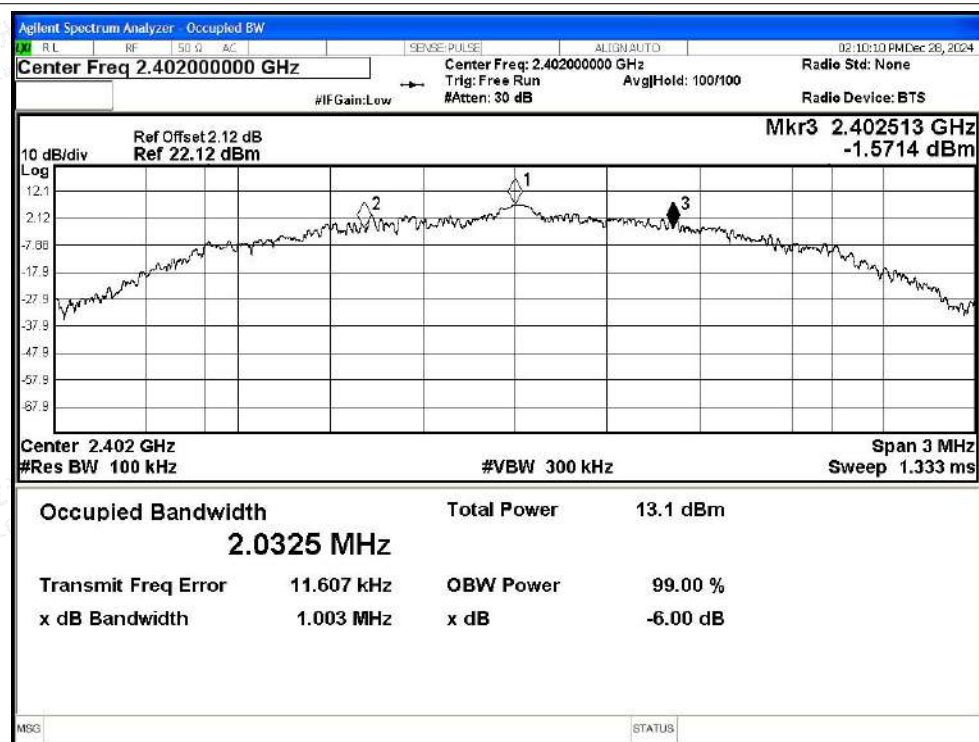
Scan code to check authenticity



-6dB Bandwidth NVNT BLE 1M 2480MHz Ant1



-6dB Bandwidth NVNT BLE 2M 2402MHz Ant1



Shenzhen LCS Compliance Testing Laboratory Ltd.

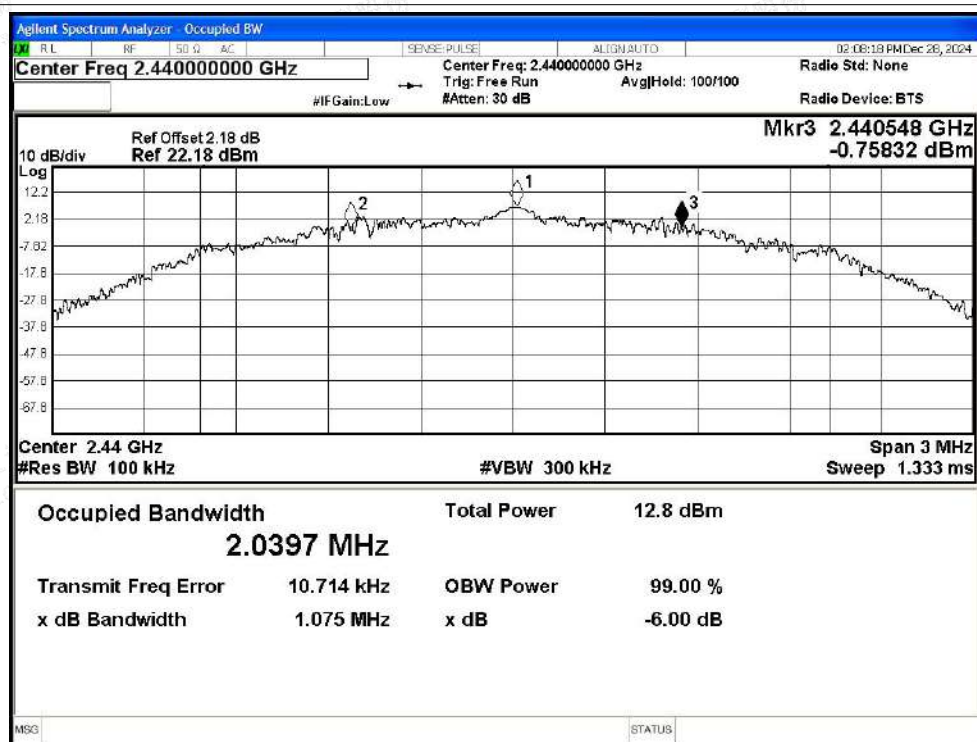
Add: Room 101, 201, Building A and Room 301, Building C, Juji Industrial Park, Yabianxueziwei, Shajing Street, Bao'an District, Shenzhen, Guangdong, China

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

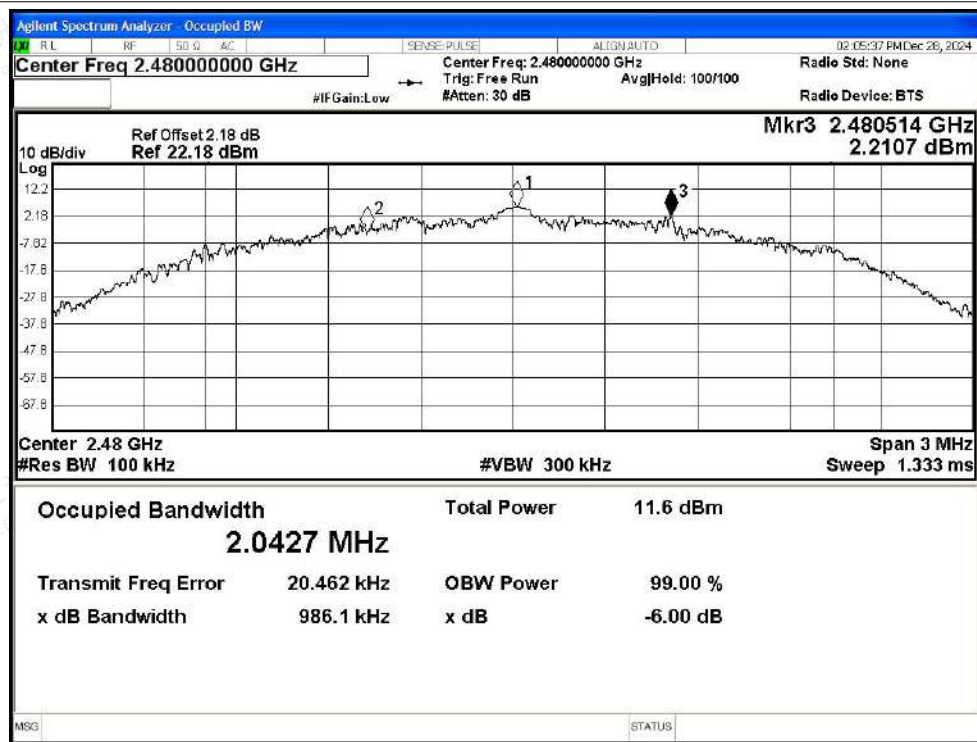
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-6dB Bandwidth NVNT BLE 2M 2440MHz Ant1



-6dB Bandwidth NVNT BLE 2M 2480MHz Ant1



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Right ear:

Condition	Mode	Frequency (MHz)	Antenna	-6 dB Bandwidth (MHz)	Limit -6 dB Bandwidth (MHz)	Verdict
NVNT	BLE 1M	2402	Ant1	0.657	≥ 0.5	Pass
NVNT	BLE 1M	2440	Ant1	0.654	≥ 0.5	Pass
NVNT	BLE 1M	2480	Ant1	0.641	≥ 0.5	Pass
NVNT	BLE 2M	2402	Ant1	1.086	≥ 0.5	Pass
NVNT	BLE 2M	2440	Ant1	1.08	≥ 0.5	Pass
NVNT	BLE 2M	2480	Ant1	1.086	≥ 0.5	Pass



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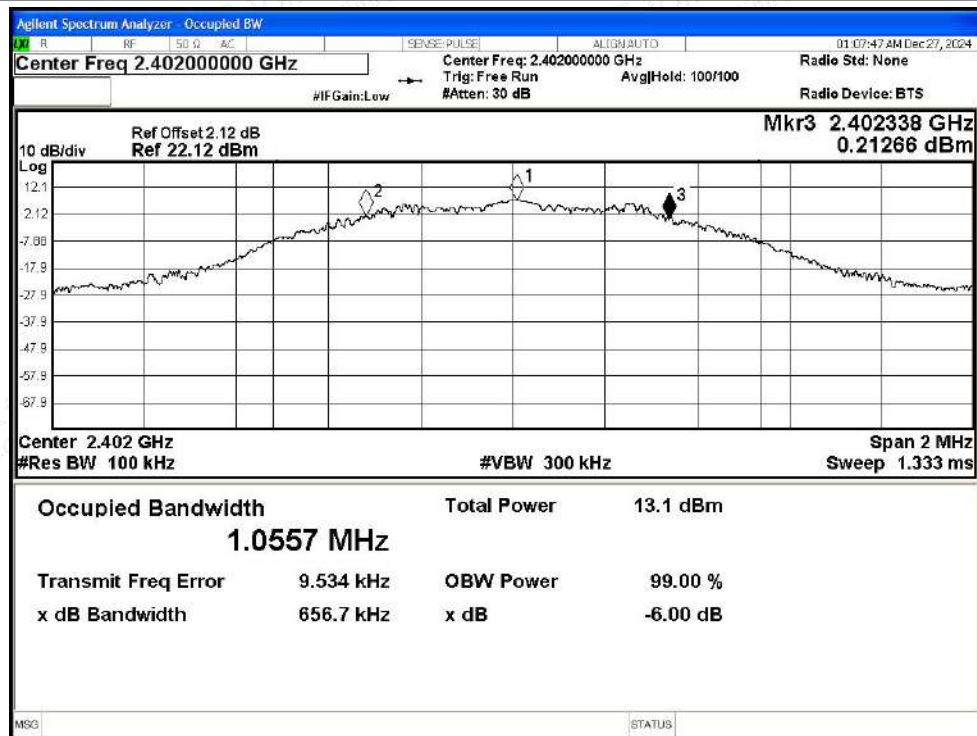
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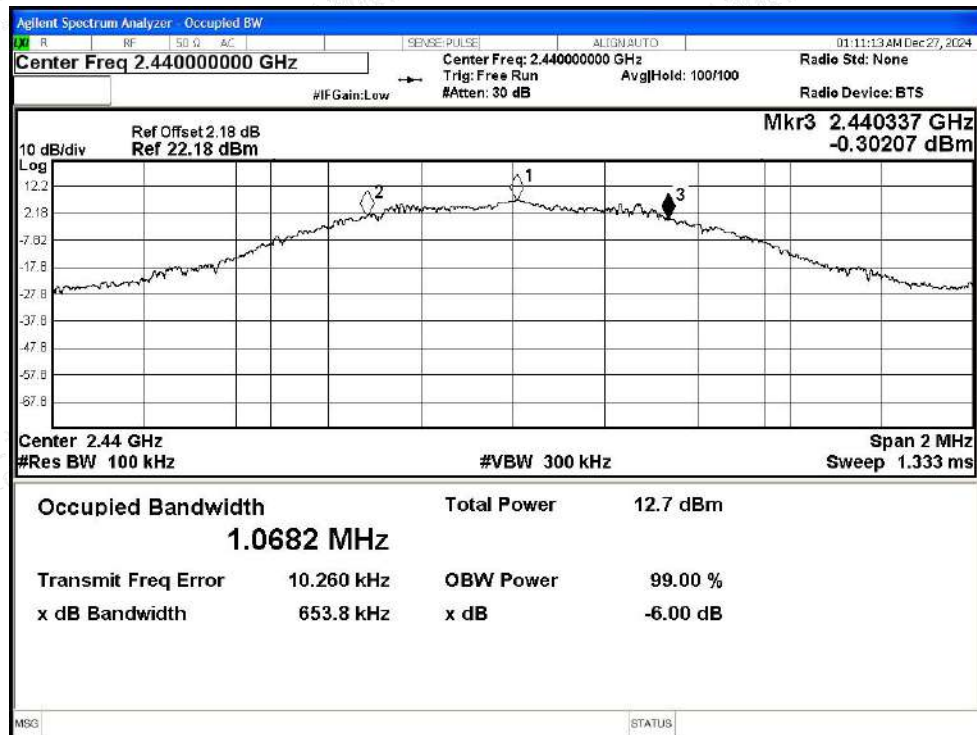


Test Graphs

-6dB Bandwidth NVNT BLE 1M 2402MHz Ant1



-6dB Bandwidth NVNT BLE 1M 2440MHz Ant1



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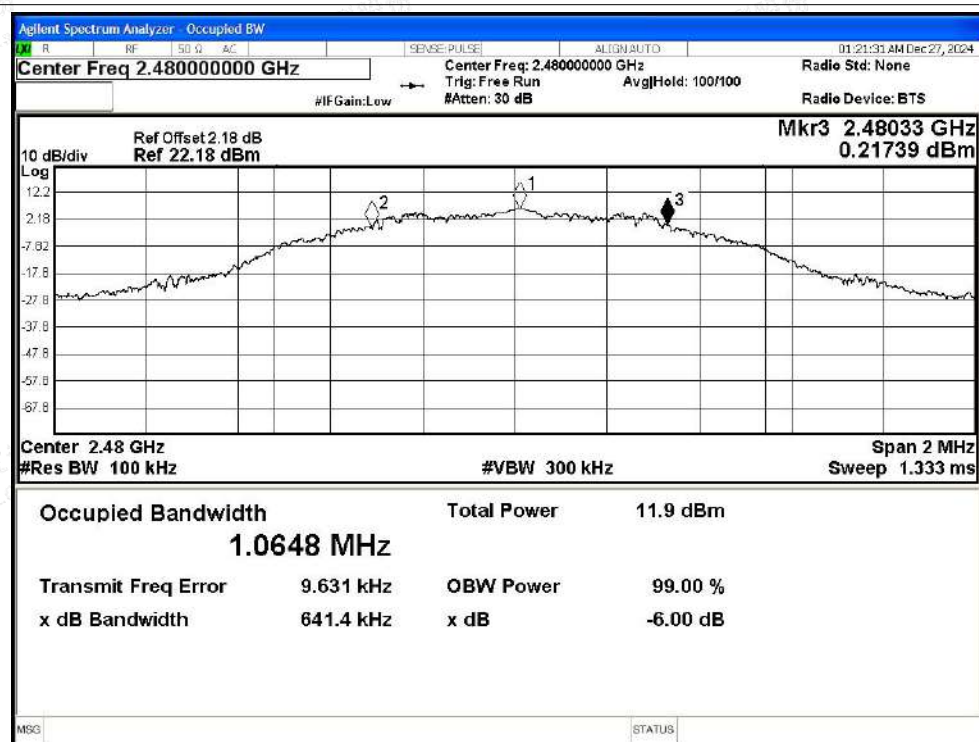
Add: Room 101, 201, Building A and Room 301, Building C, Juji Industrial Park, Yabianxueziwei, Shajing Street, Bao'an District, Shenzhen, Guangdong, China

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

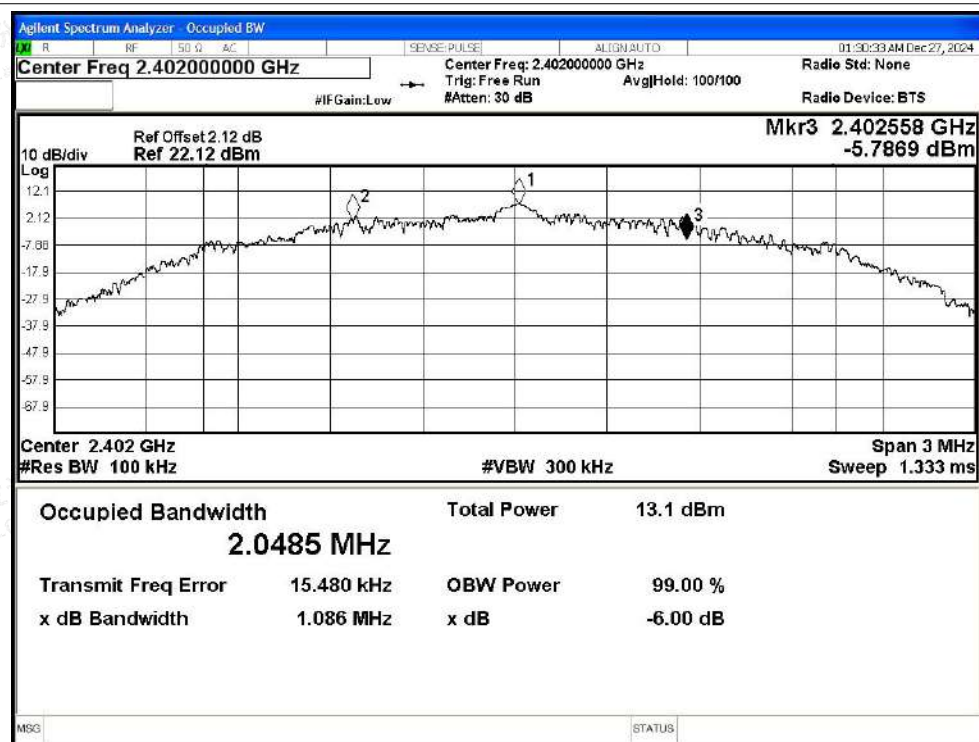
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-6dB Bandwidth NVNT BLE 1M 2480MHz Ant1



-6dB Bandwidth NVNT BLE 2M 2402MHz Ant1



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-6dB Bandwidth NVNT BLE 2M 2440MHz Ant1



-6dB Bandwidth NVNT BLE 2M 2480MHz Ant1



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B.2 Maximum Peak Conducted Output Power

Left ear:

Condition	Mode	Frequency (MHz)	Antenna	Conducted Power (dBm)	Limit (dBm)	Verdict
NVNT	BLE 1M	2402	Ant1	7.23	30	Pass
NVNT	BLE 1M	2440	Ant1	6.8	30	Pass
NVNT	BLE 1M	2480	Ant1	5.8	30	Pass
NVNT	BLE 2M	2402	Ant1	7.18	30	Pass
NVNT	BLE 2M	2440	Ant1	6.81	30	Pass
NVNT	BLE 2M	2480	Ant1	5.77	30	Pass



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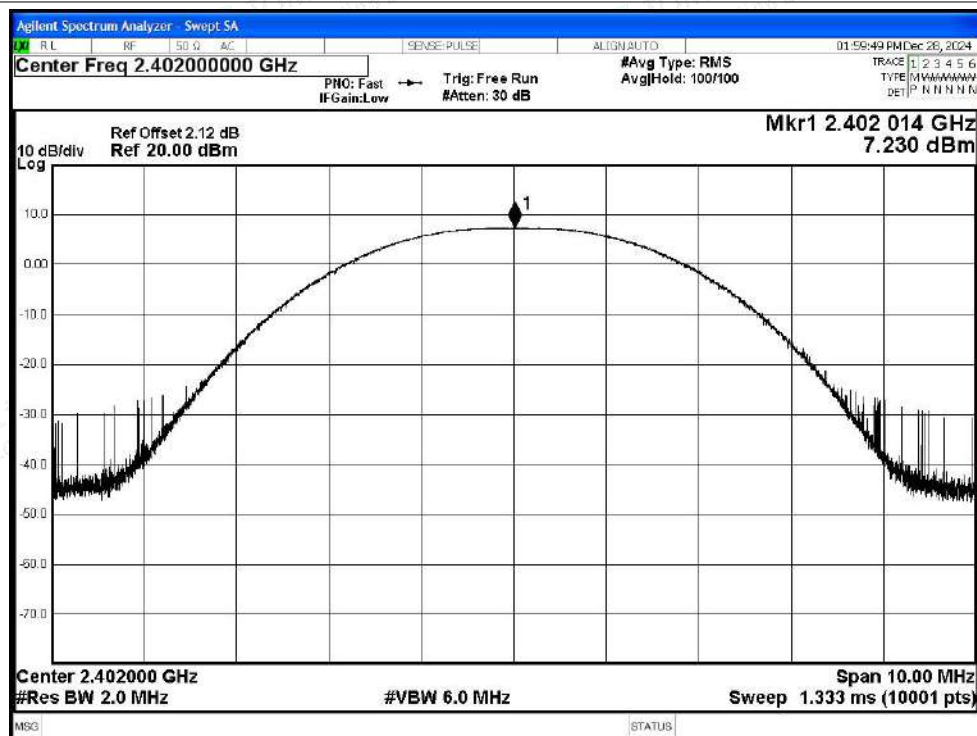
Tel: +(86) 0755-82591330 | E-mail: webmaster@lcs-cert.com | Web: www.lcs-cert.com

Scan code to check authenticity

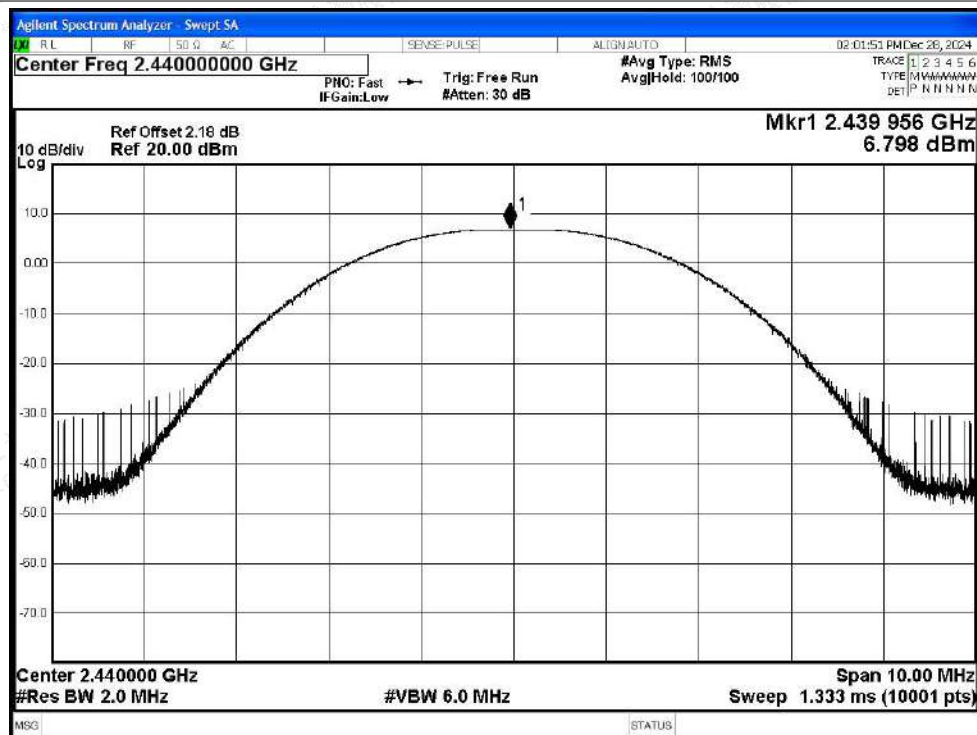


Test Graphs

Power NVNT BLE 1M 2402MHz Ant1



Power NVNT BLE 1M 2440MHz Ant1



Shenzhen LCS Compliance Testing Laboratory Ltd.

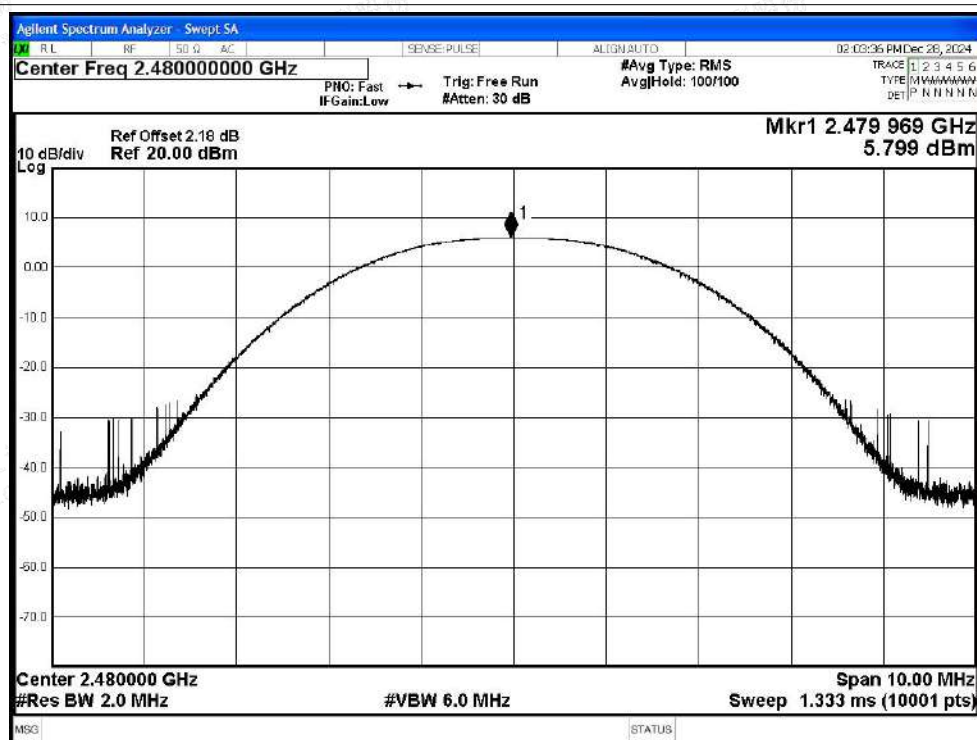
Add: Room 101, 201, Building A and Room 301, Building C, Juji Industrial Park, Yabianxueziwei, Shajing Street, Bao'an District, Shenzhen, Guangdong, China

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

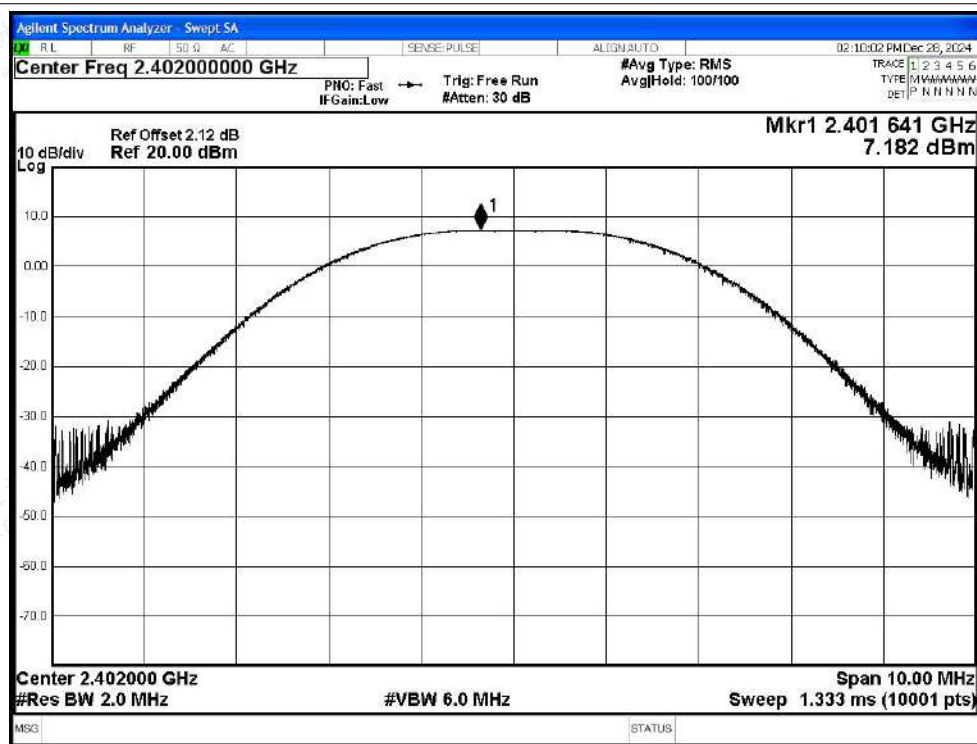
Scan code to check authenticity



Power NVNT BLE 1M 2480MHz Ant1



Power NVNT BLE 2M 2402MHz Ant1



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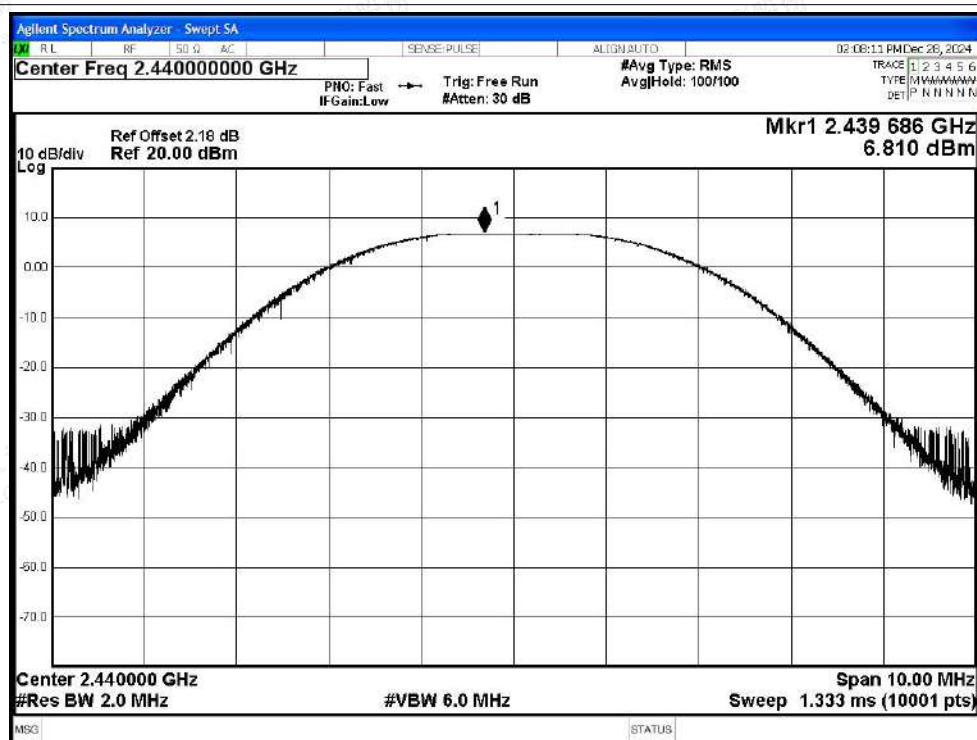
Add: Room 101, 201, Building A and Room 301, Building C, Juji Industrial Park, Yabianxueziwei, Shajing Street, Bao'an District, Shenzhen, Guangdong, China

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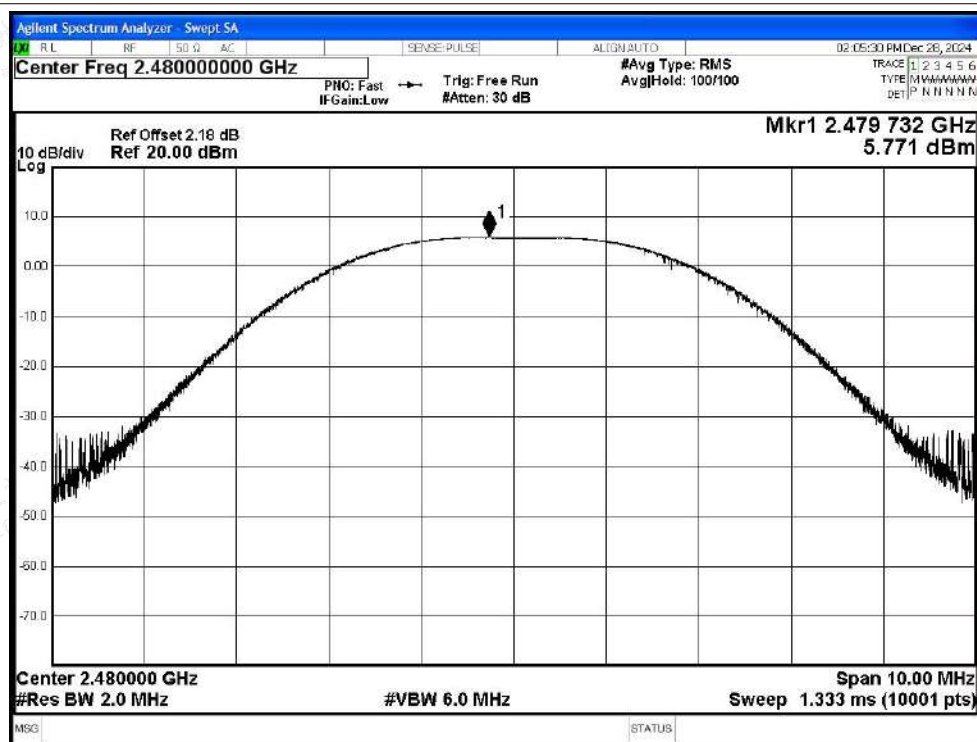
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Power NVNT BLE 2M 2440MHz Ant1



Power NVNT BLE 2M 2480MHz Ant1



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Right ear:

Condition	Mode	Frequency (MHz)	Antenna	Conducted Power (dBm)	Limit (dBm)	Verdict
NVNT	BLE 1M	2402	Ant1	7.23	30	Pass
NVNT	BLE 1M	2440	Ant1	6.94	30	Pass
NVNT	BLE 1M	2480	Ant1	6.08	30	Pass
NVNT	BLE 2M	2402	Ant1	7.23	30	Pass
NVNT	BLE 2M	2440	Ant1	6.96	30	Pass
NVNT	BLE 2M	2480	Ant1	6.07	30	Pass



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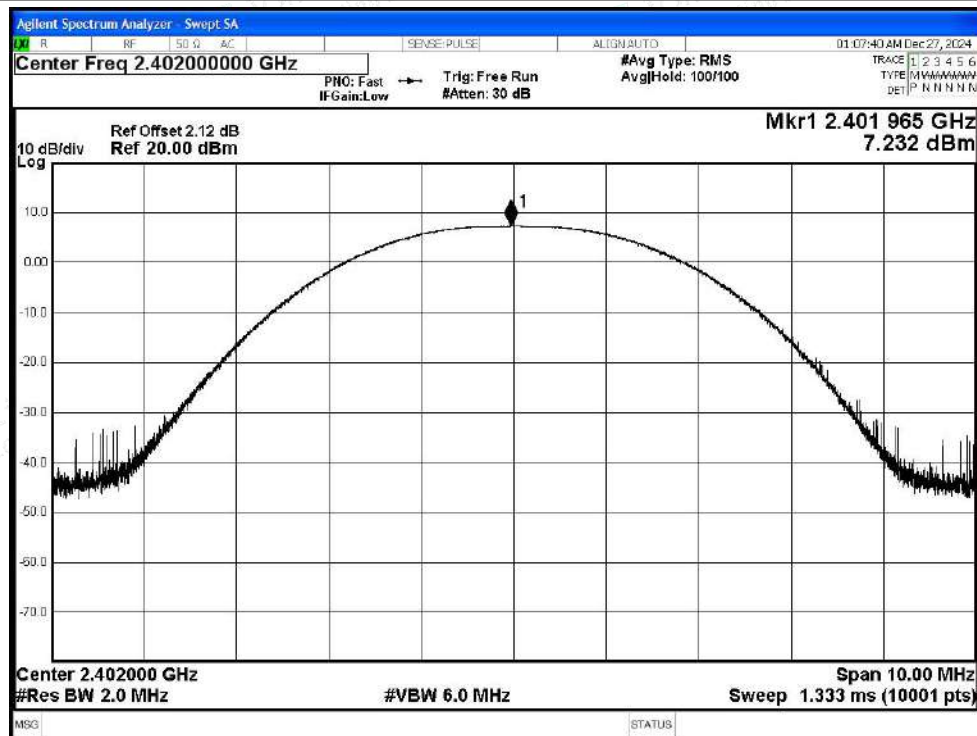
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Scan code to check authenticity

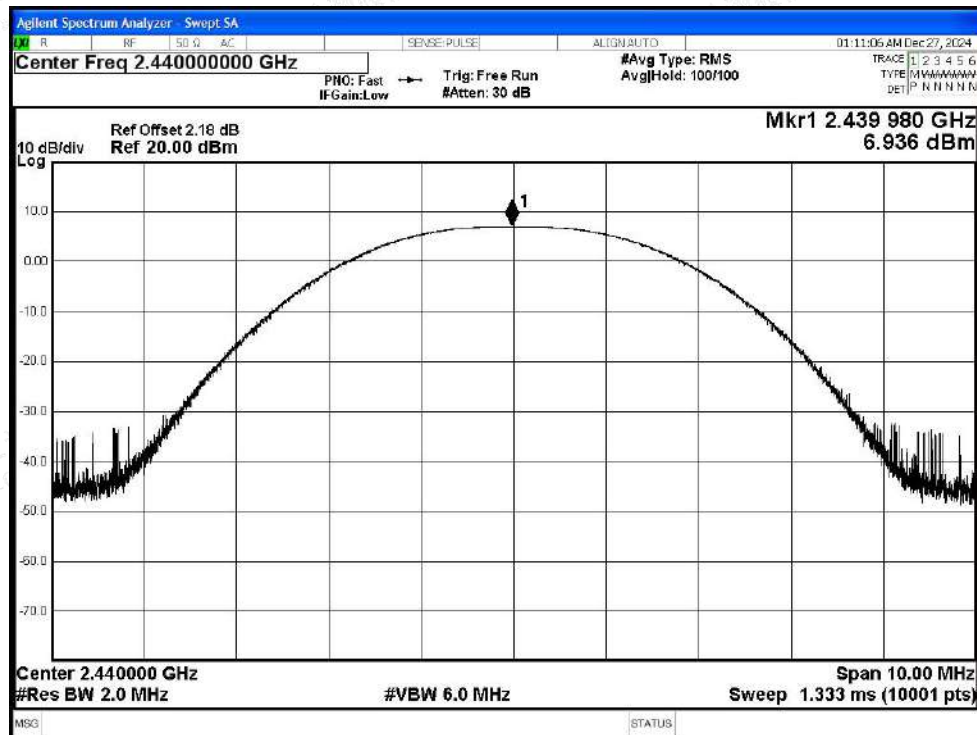


Test Graphs

Power NVNT BLE 1M 2402MHz Ant1



Power NVNT BLE 1M 2440MHz Ant1



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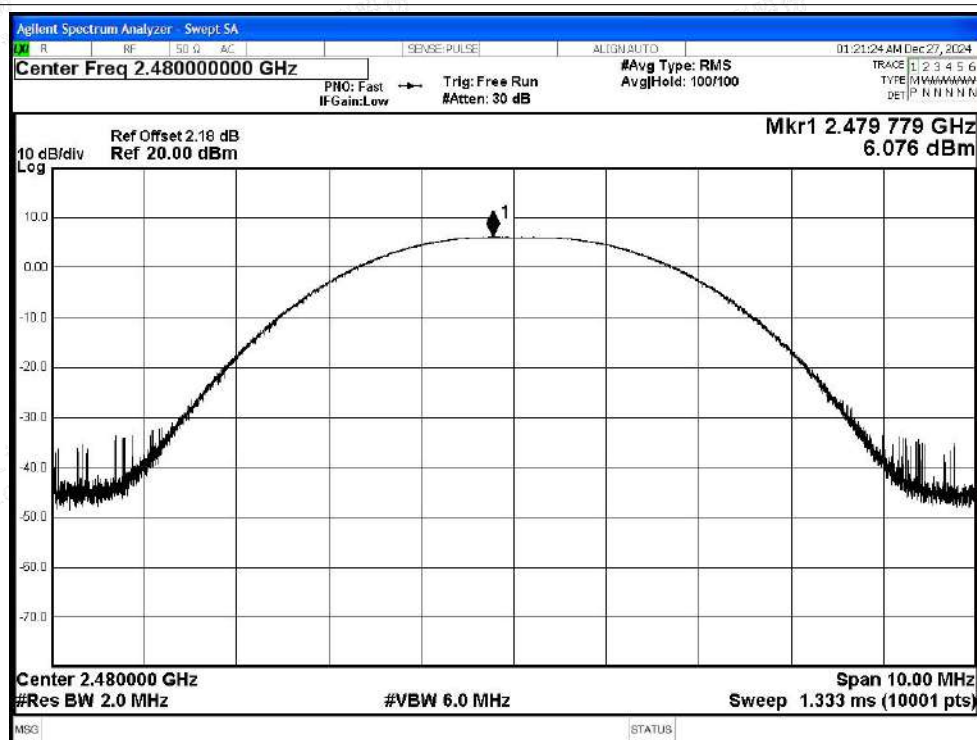
Add: Room 101, 201, Building A and Room 301, Building C, Juji Industrial Park, Yabianxueziwei, Shajing Street, Bao'an District, Shenzhen, Guangdong, China

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

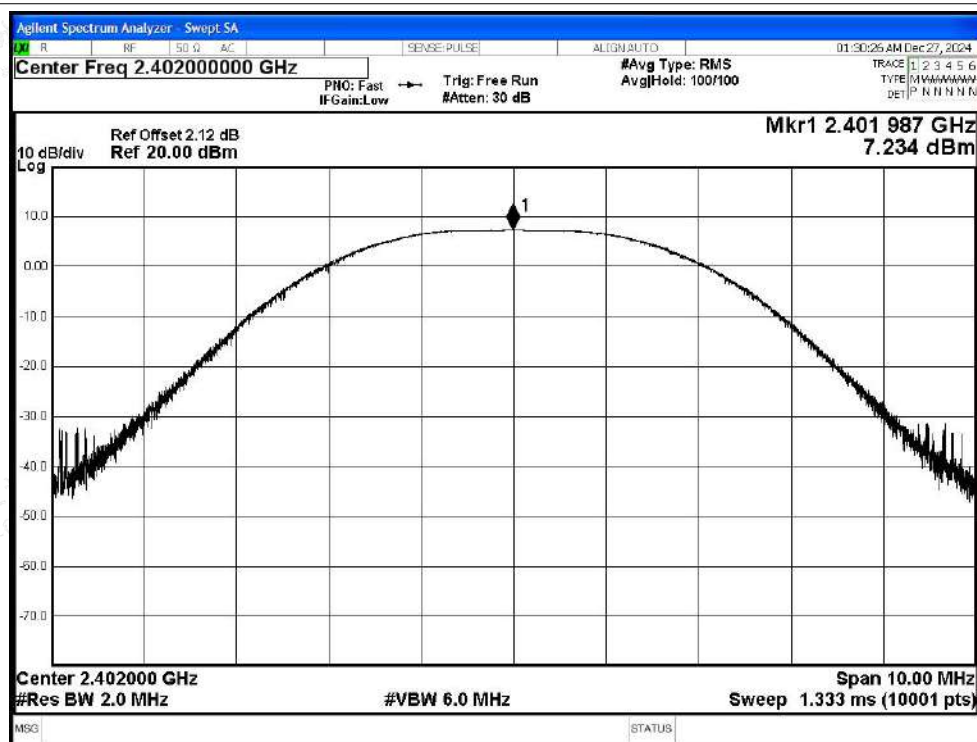
Scan code to check authenticity



Power NVNT BLE 1M 2480MHz Ant1



Power NVNT BLE 2M 2402MHz Ant1



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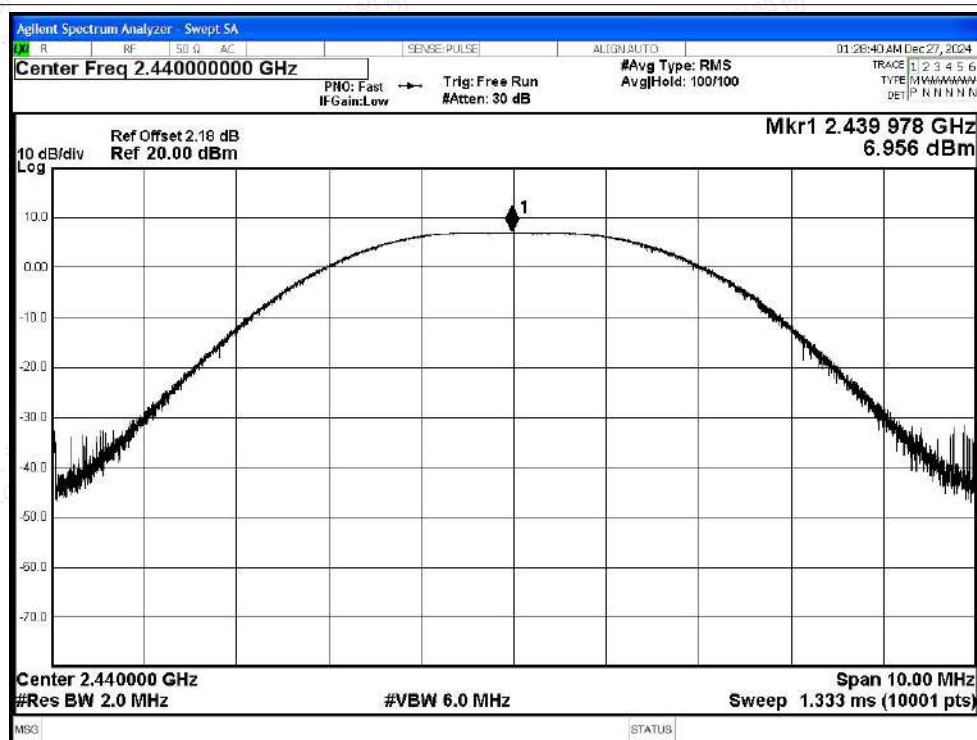
Add: Room 101, 201, Building A and Room 301, Building C, Juji Industrial Park, Yabianxueziwei, Shajing Street, Bao'an District, Shenzhen, Guangdong, China

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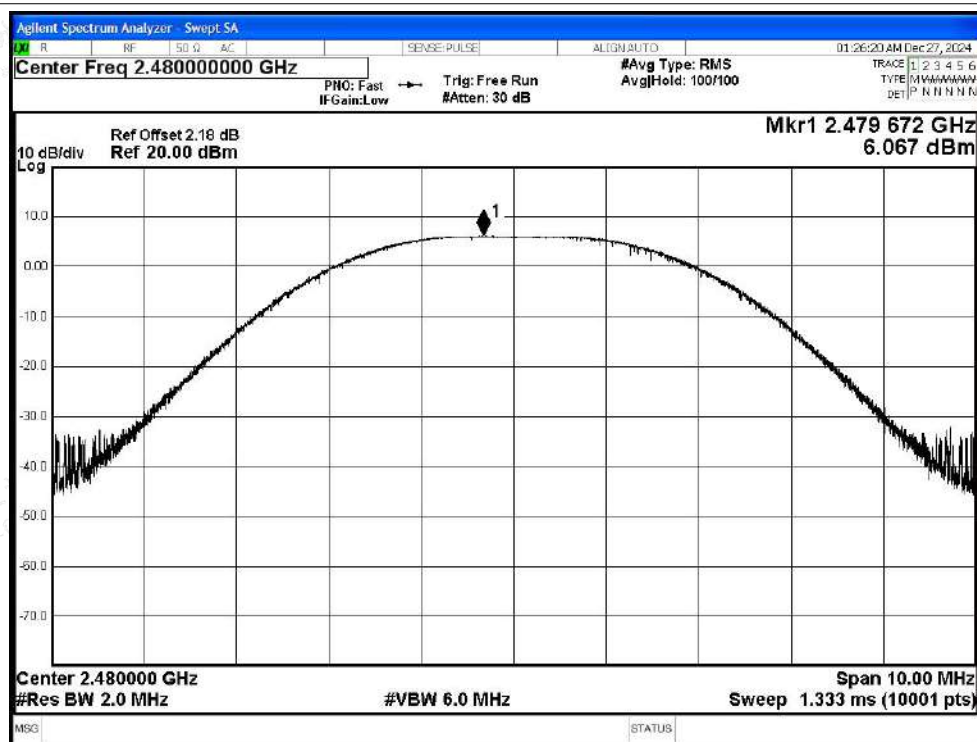
Scan code to check authenticity



Power NVNT BLE 2M 2440MHz Ant1



Power NVNT BLE 2M 2480MHz Ant1



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B.3 Maximum Power Spectral Density Level

Left ear:

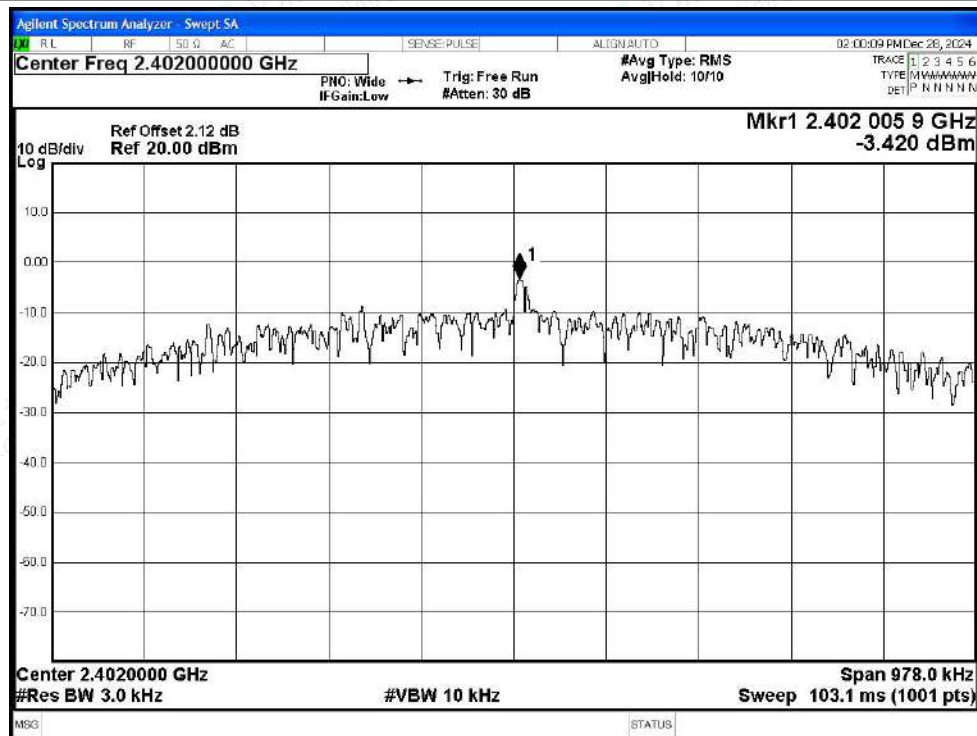
Condition	Mode	Frequency (MHz)	Antenna	Conducted PSD (dBm/3kHz)	Limit (dBm/3kHz)	Verdict
NVNT	BLE 1M	2402	Ant1	-3.42	8	Pass
NVNT	BLE 1M	2440	Ant1	-3.86	8	Pass
NVNT	BLE 1M	2480	Ant1	-4.88	8	Pass
NVNT	BLE 2M	2402	Ant1	-4.16	8	Pass
NVNT	BLE 2M	2440	Ant1	-4.22	8	Pass
NVNT	BLE 2M	2480	Ant1	-5.19	8	Pass



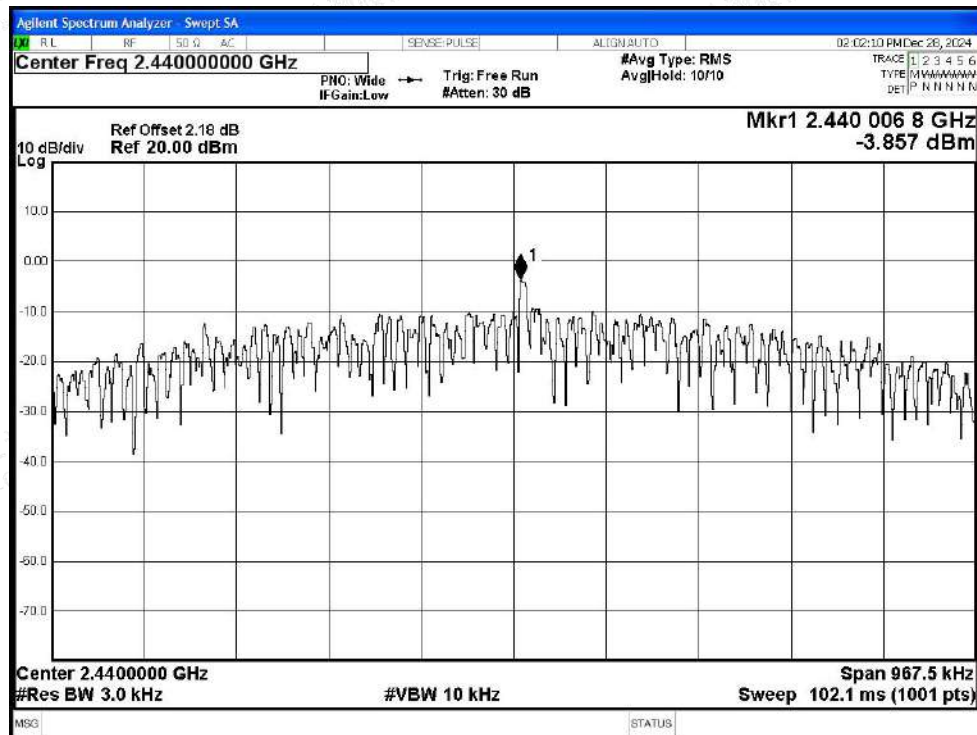


Test Graphs

PSD NVNT BLE 1M 2402MHz Ant1



PSD NVNT BLE 1M 2440MHz Ant1



Shenzhen LCS Compliance Testing Laboratory Ltd.

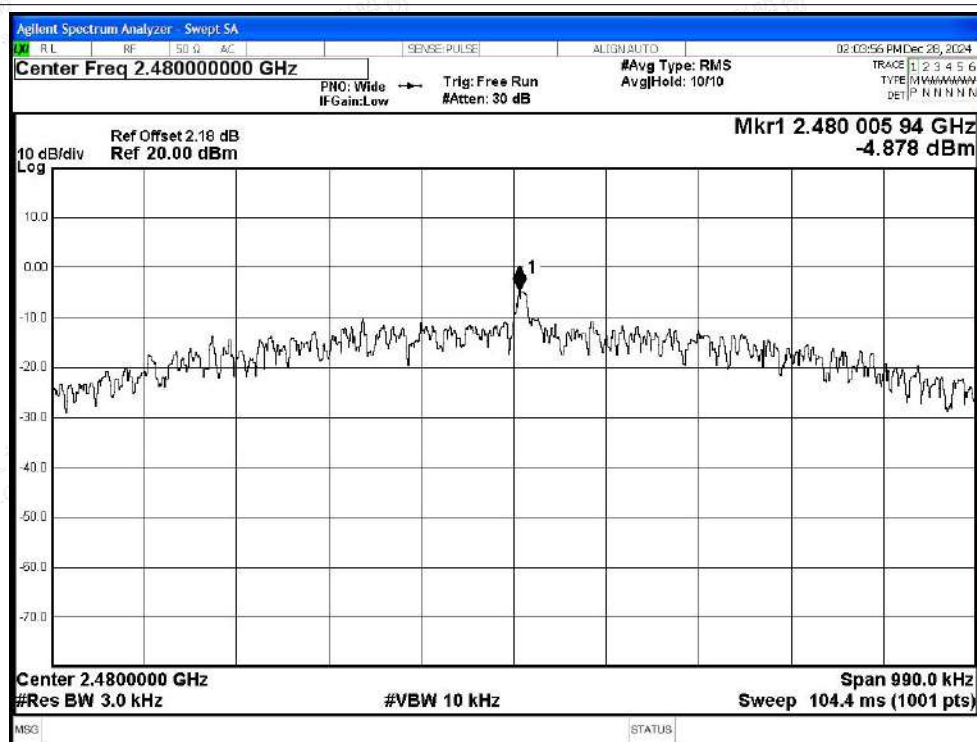
Add: Room 101, 201, Building A and Room 301, Building C, Juji Industrial Park, Yabianxueziwei, Shajing Street, Bao'an District, Shenzhen, Guangdong, China

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

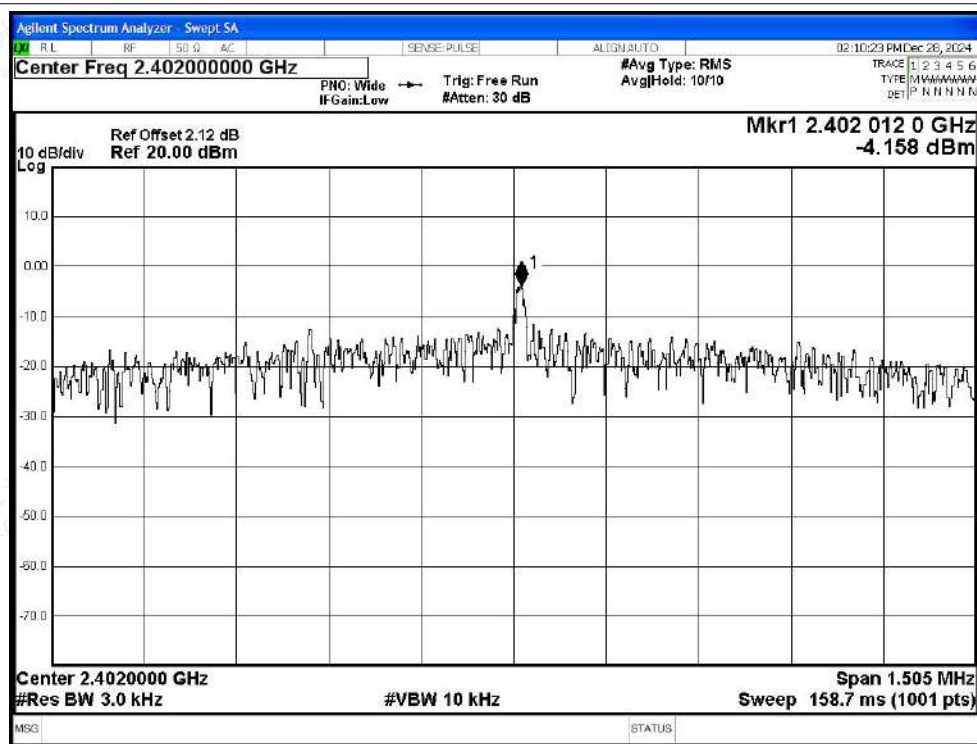
Scan code to check authenticity



PSD NVNT BLE 1M 2480MHz Ant1



PSD NVNT BLE 2M 2402MHz Ant1



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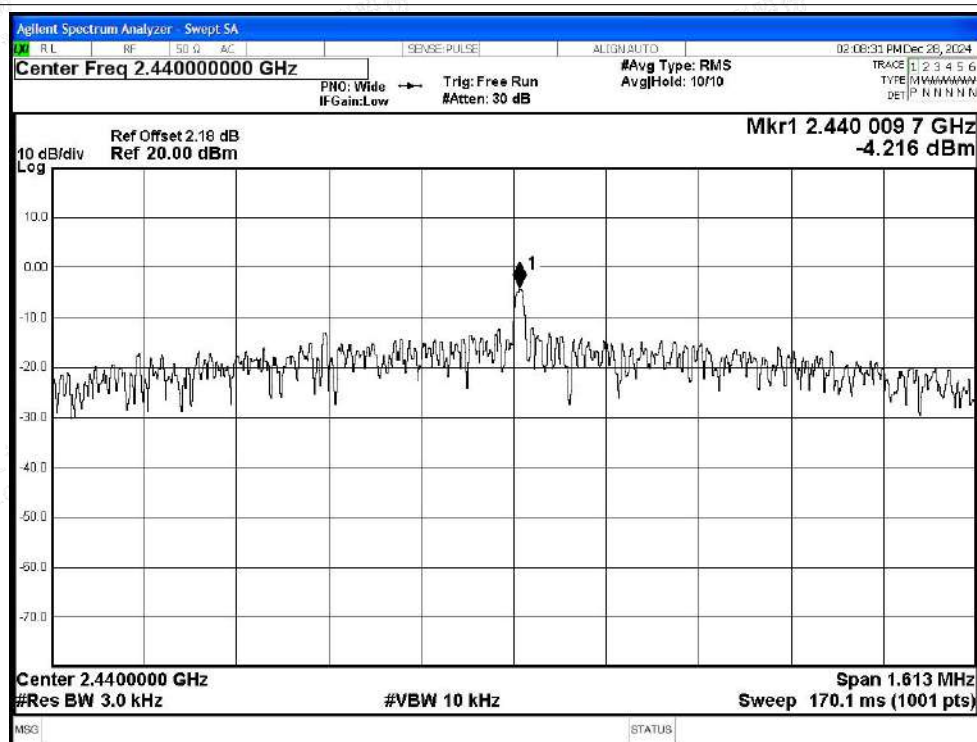
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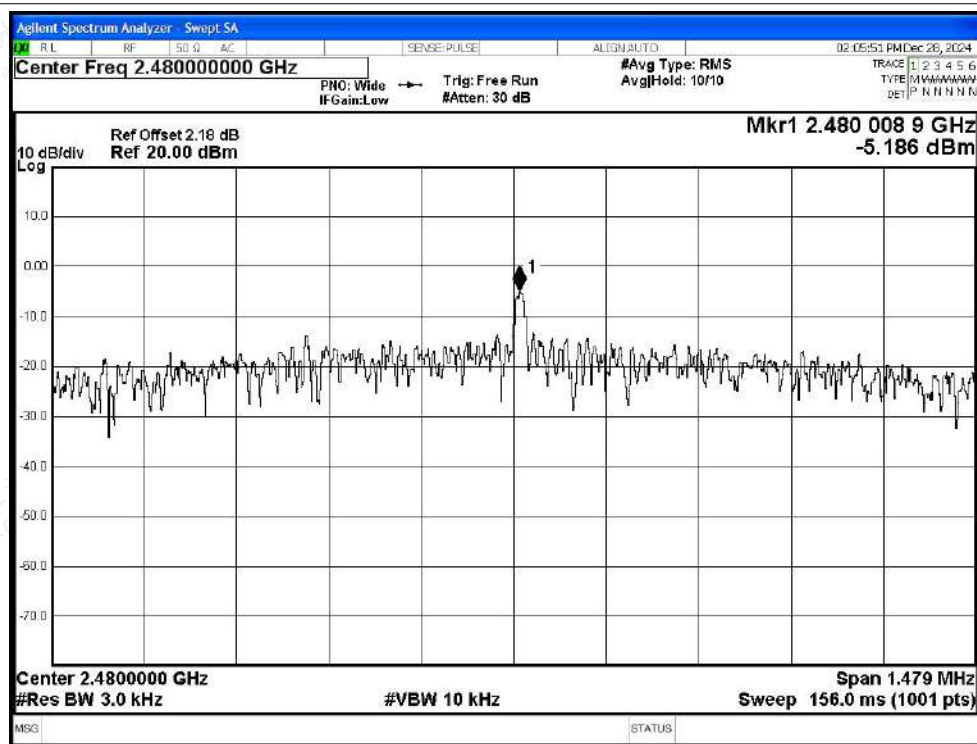
Scan code to check authenticity



PSD NVNT BLE 2M 2440MHz Ant1



PSD NVNT BLE 2M 2480MHz Ant1



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Right ear:

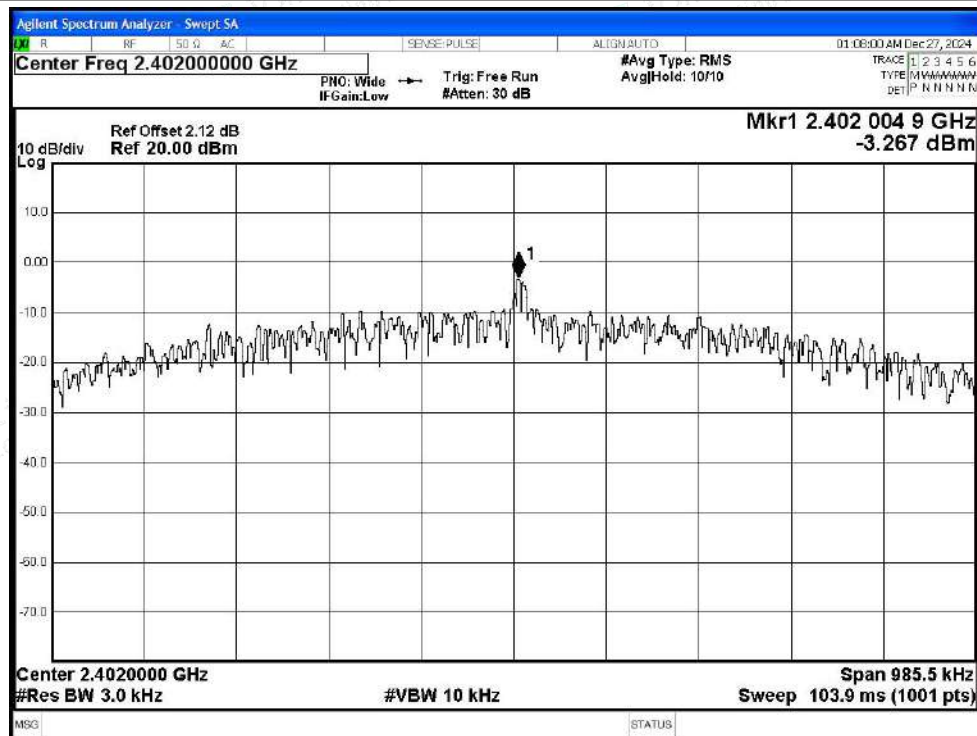
Condition	Mode	Frequency (MHz)	Antenna	Conducted PSD (dBm/3kHz)	Limit (dBm/3kHz)	Verdict
NVNT	BLE 1M	2402	Ant1	-3.27	8	Pass
NVNT	BLE 1M	2440	Ant1	-3.63	8	Pass
NVNT	BLE 1M	2480	Ant1	-4.6	8	Pass
NVNT	BLE 2M	2402	Ant1	-3.8	8	Pass
NVNT	BLE 2M	2440	Ant1	-4.02	8	Pass
NVNT	BLE 2M	2480	Ant1	-4.92	8	Pass



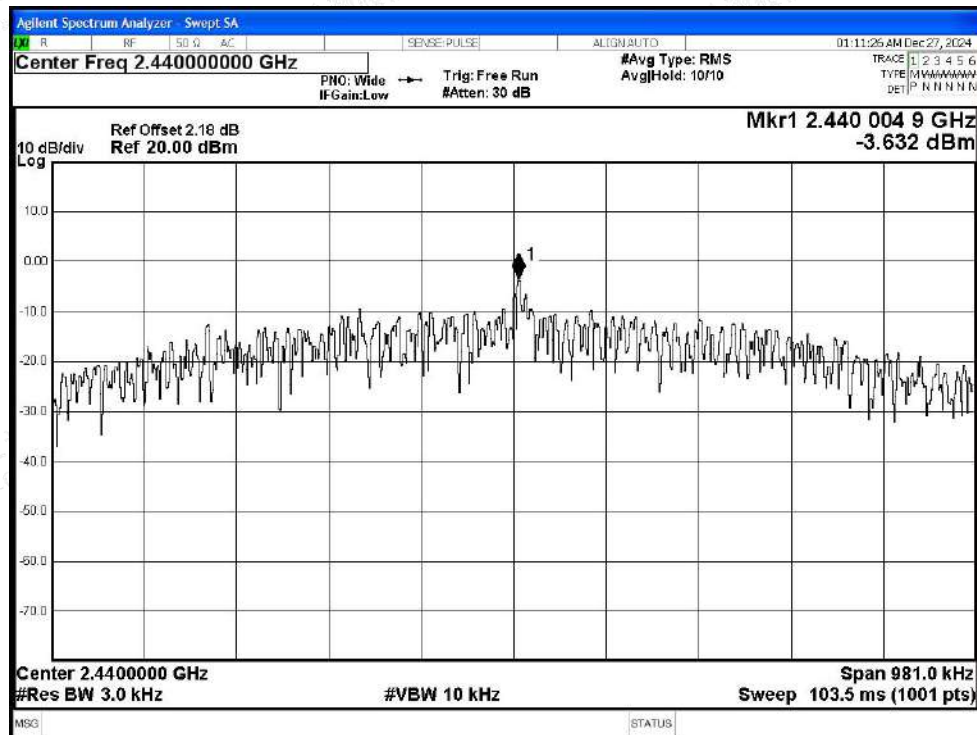


Test Graphs

PSD NVNT BLE 1M 2402MHz Ant1



PSD NVNT BLE 1M 2440MHz Ant1



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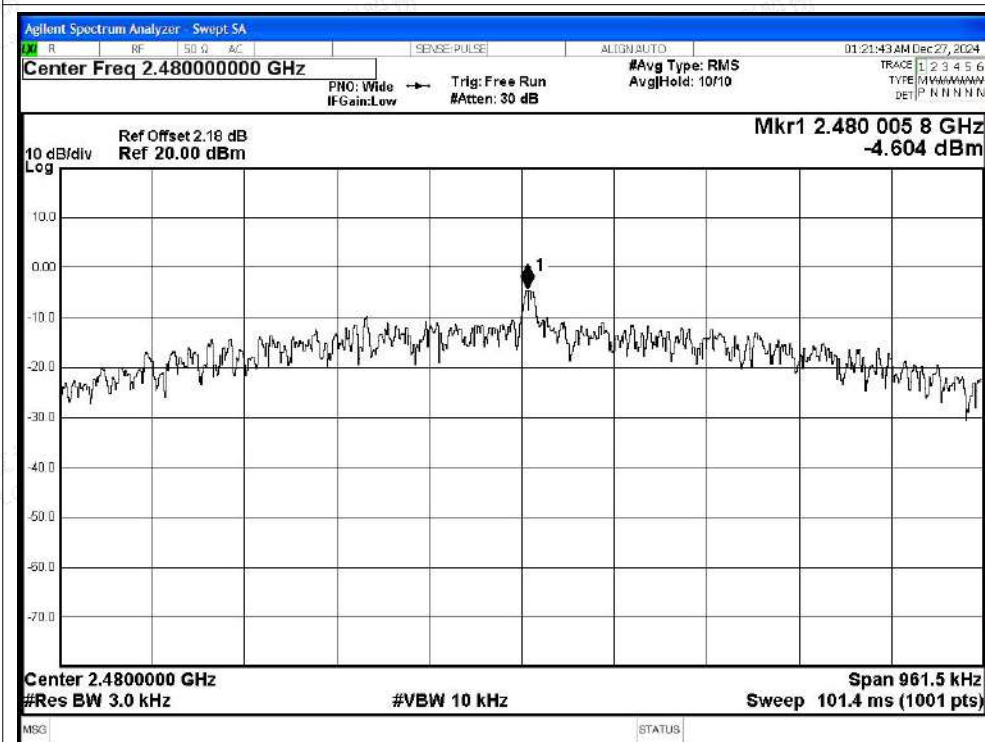
Add: Room 101, 201, Building A and Room 301, Building C, Juji Industrial Park, Yabianxueziwei, Shajing Street, Bao'an District, Shenzhen, Guangdong, China

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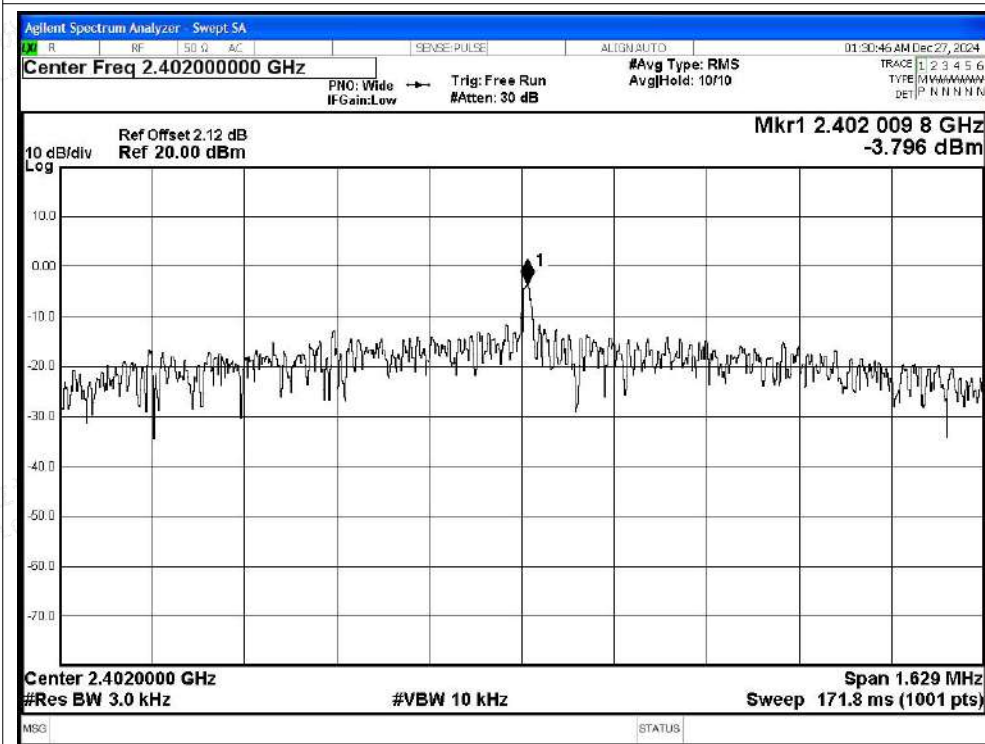
Scan code to check authenticity



PSD NVNT BLE 1M 2480MHz Ant1



PSD NVNT BLE 2M 2402MHz Ant1



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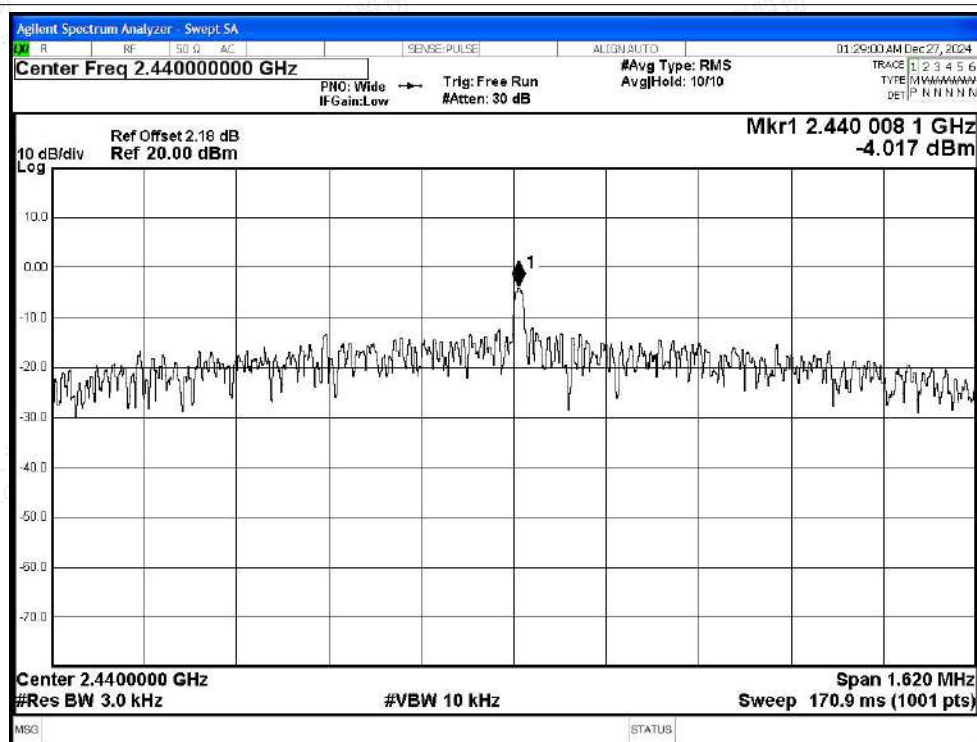
Add: Room 101, 201, Building A and Room 301, Building C, Juji Industrial Park, Yabianxueziwei, Shajing Street, Bao'an District, Shenzhen, Guangdong, China

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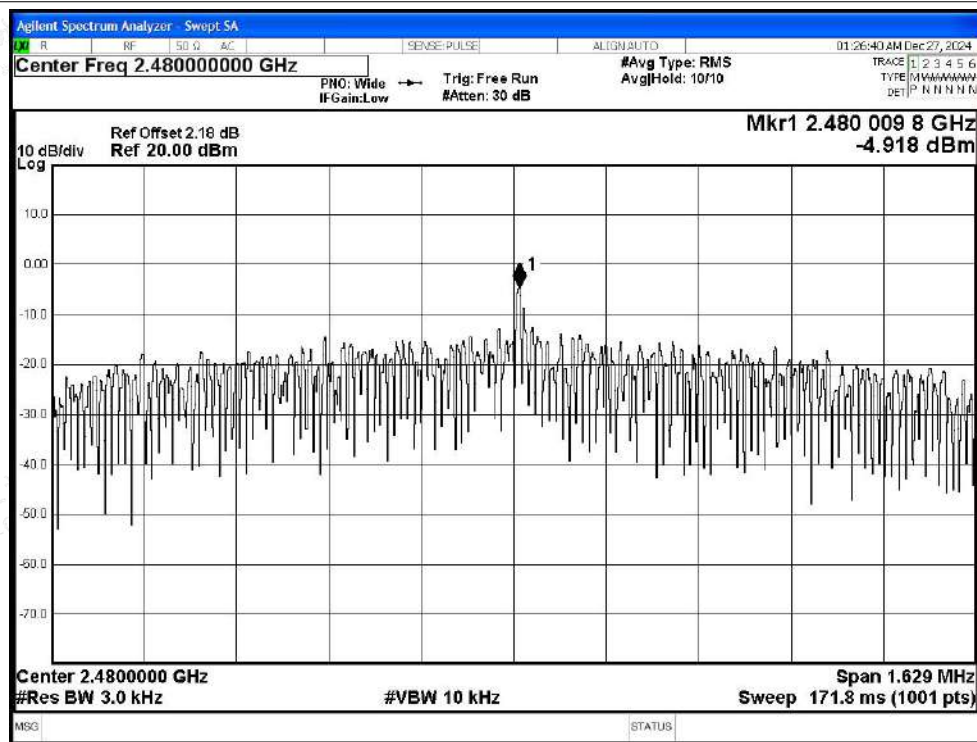
Scan code to check authenticity



PSD NVNT BLE 2M 2440MHz Ant1



PSD NVNT BLE 2M 2480MHz Ant1



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B.4 Band Edge

Left ear:

Condition	Mode	Frequency (MHz)	Antenna	Max Value (dBc)	Limit (dBc)	Verdict
NVNT	BLE 1M	2402	Ant1	-50.85	-20	Pass
NVNT	BLE 1M	2480	Ant1	-57.27	-20	Pass
NVNT	BLE 2M	2402	Ant1	-34.99	-20	Pass
NVNT	BLE 2M	2480	Ant1	-53.55	-20	Pass



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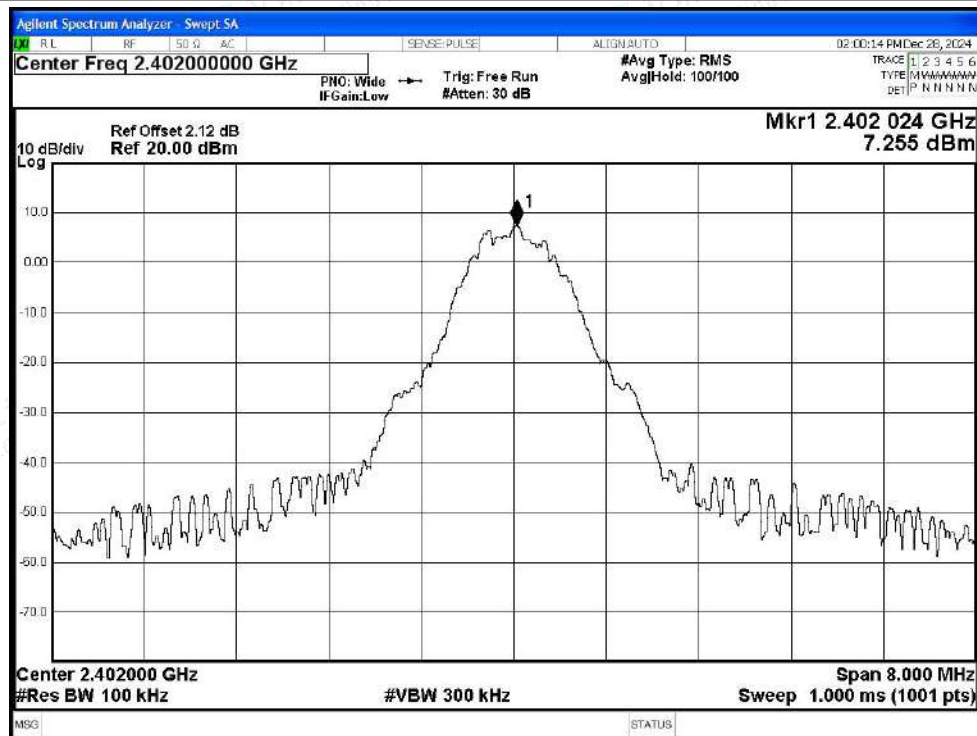
Tel: +(86) 0755-82591330 | E-mail: webmaster@lcs-cert.com | Web: www.lcs-cert.com

Scan code to check authenticity

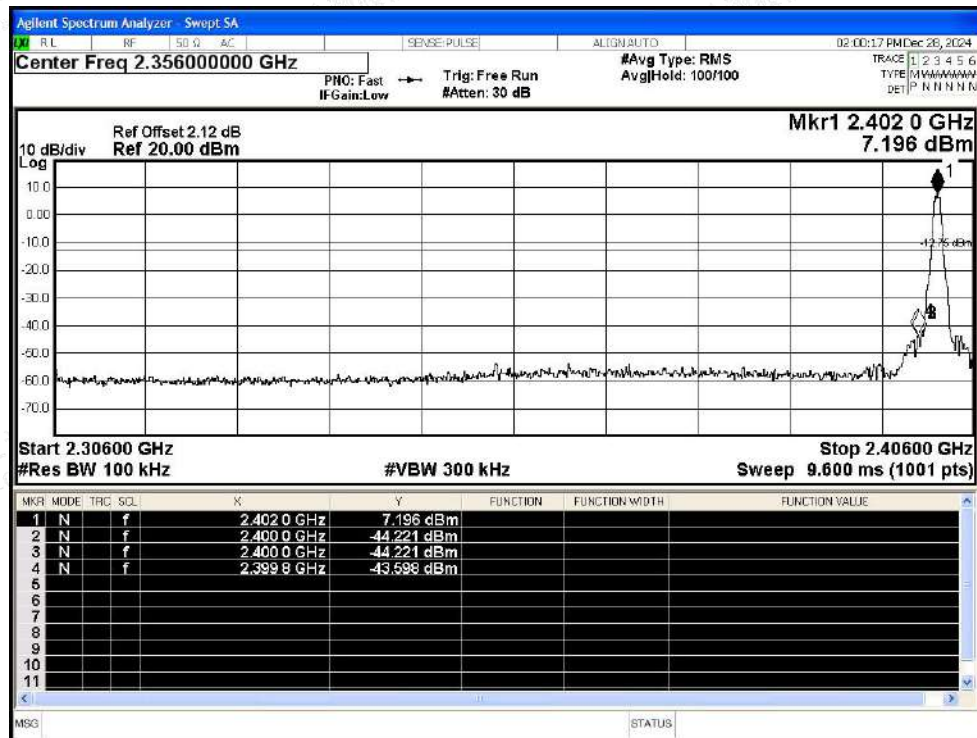


Test Graphs

Band Edge NVNT BLE 1M 2402MHz Ant1 Ref



Band Edge NVNT BLE 1M 2402MHz Ant1 Emission

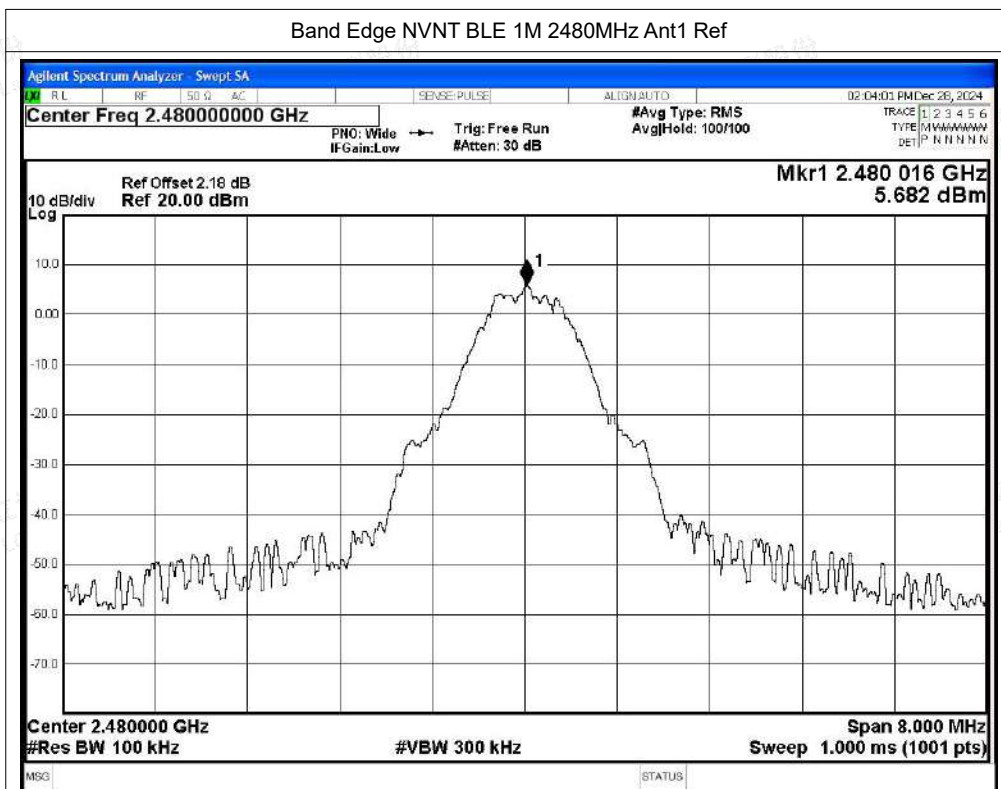


Shenzhen LCS Compliance Testing Laboratory Ltd.

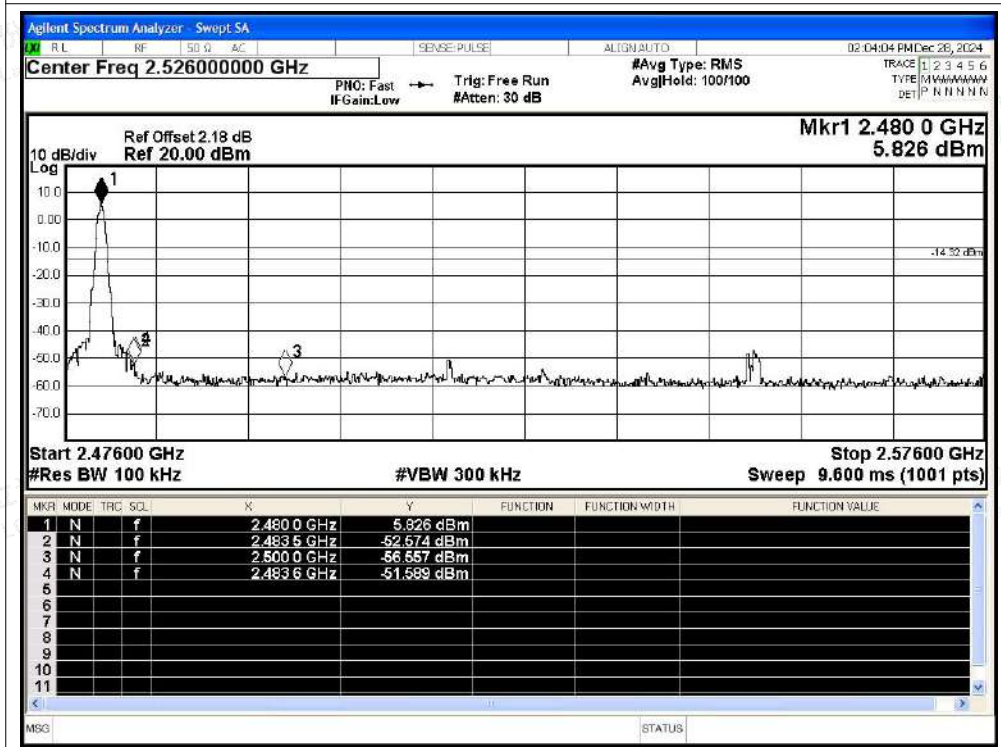
Add: Room 101, 201, Building A and Room 301, Building C, Juji Industrial Park, Yabianxueziwei, Shajing Street, Bao'an District, Shenzhen, Guangdong, China

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Band Edge NVNT BLE 1M 2480MHz Ant1 Emission



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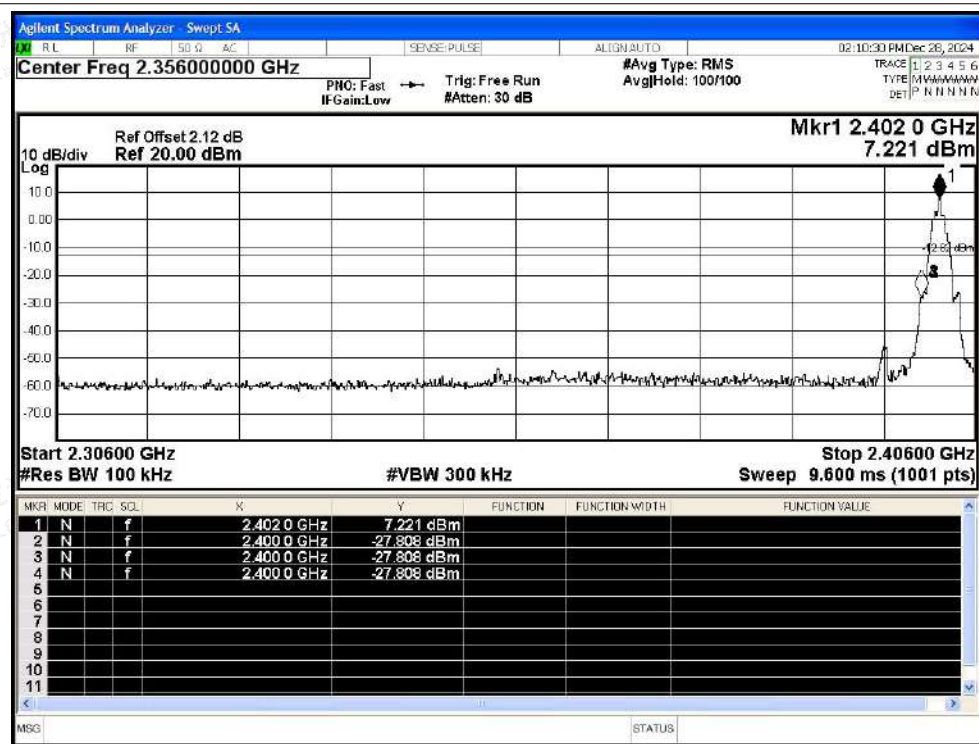
Scan code to check authenticity



Band Edge NVNT BLE 2M 2402MHz Ant1 Ref



Band Edge NVNT BLE 2M 2402MHz Ant1 Emission



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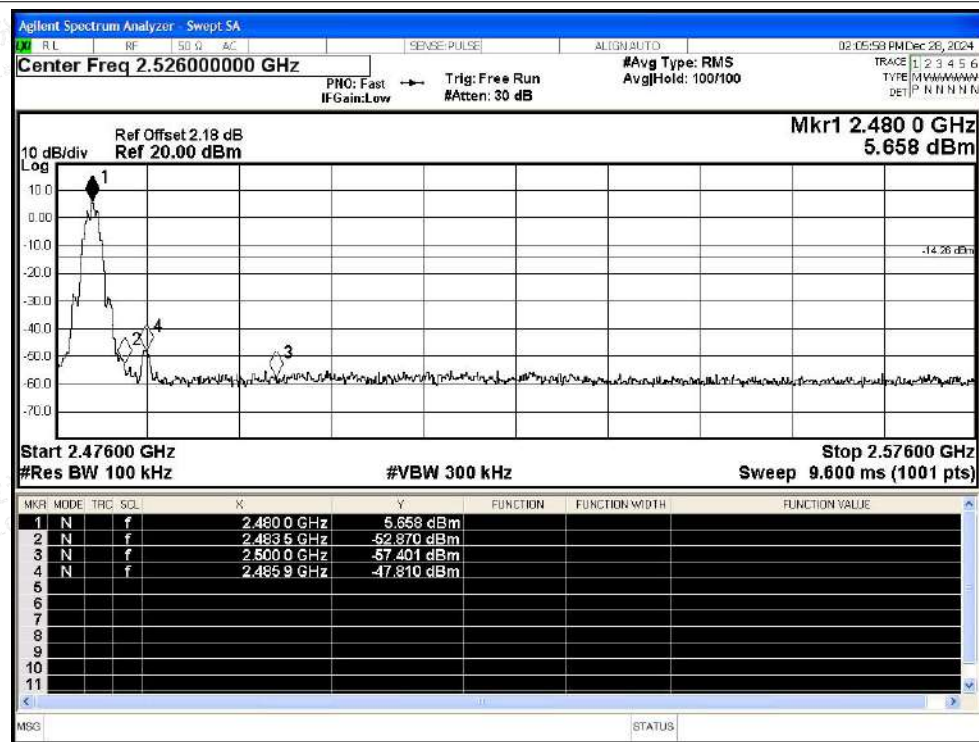
Scan code to check authenticity



Band Edge NVNT BLE 2M 2480MHz Ant1 Ref



Band Edge NVNT BLE 2M 2480MHz Ant1 Emission



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Right ear:

Condition	Mode	Frequency (MHz)	Antenna	Max Value (dBc)	Limit (dBc)	Verdict
NVNT	BLE 1M	2402	Ant1	-56.29	-20	Pass
NVNT	BLE 1M	2480	Ant1	-61.04	-20	Pass
NVNT	BLE 2M	2402	Ant1	-34.57	-20	Pass
NVNT	BLE 2M	2480	Ant1	-53.66	-20	Pass



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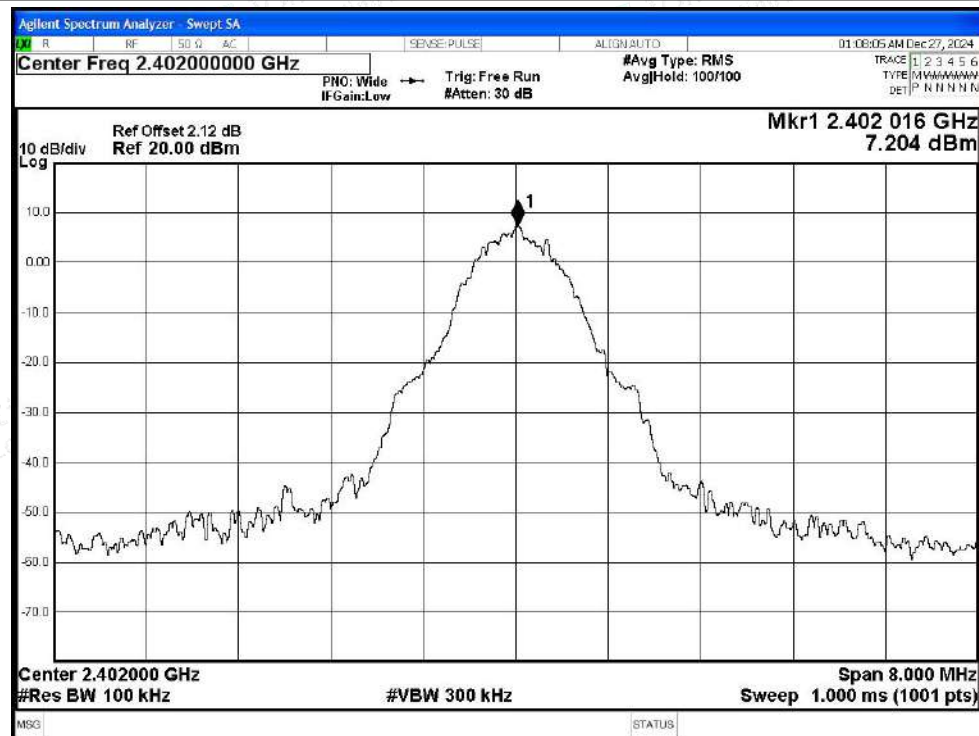
Tel: +(86) 0755-82591330 | E-mail: webmaster@lcs-cert.com | Web: www.lcs-cert.com

Scan code to check authenticity

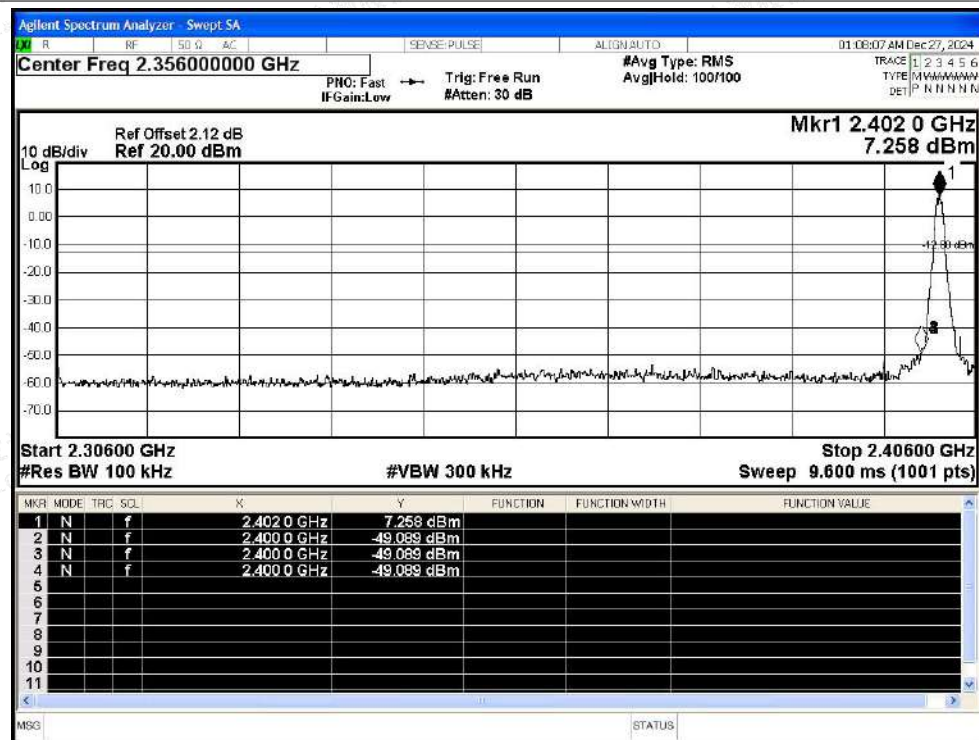


Test Graphs

Band Edge NVNT BLE 1M 2402MHz Ant1 Ref



Band Edge NVNT BLE 1M 2402MHz Ant1 Emission



Shenzhen LCS Compliance Testing Laboratory Ltd.

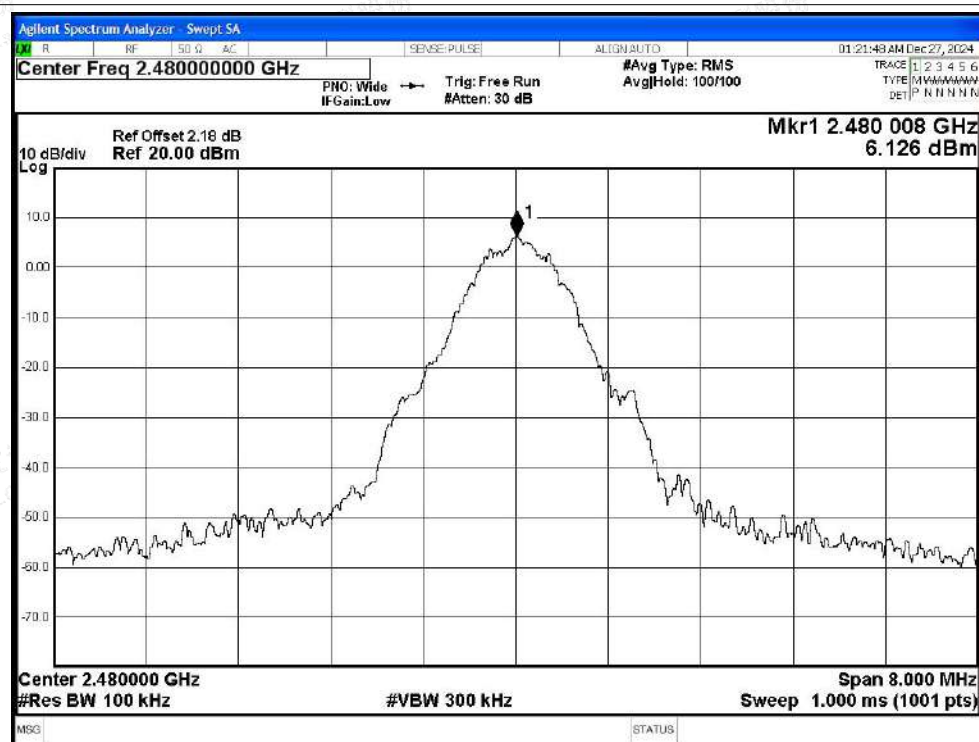
Add: Room 101, 201, Building A and Room 301, Building C, Juji Industrial Park, Yabianxueziwei, Shajing Street, Bao'an District, Shenzhen, Guangdong, China

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

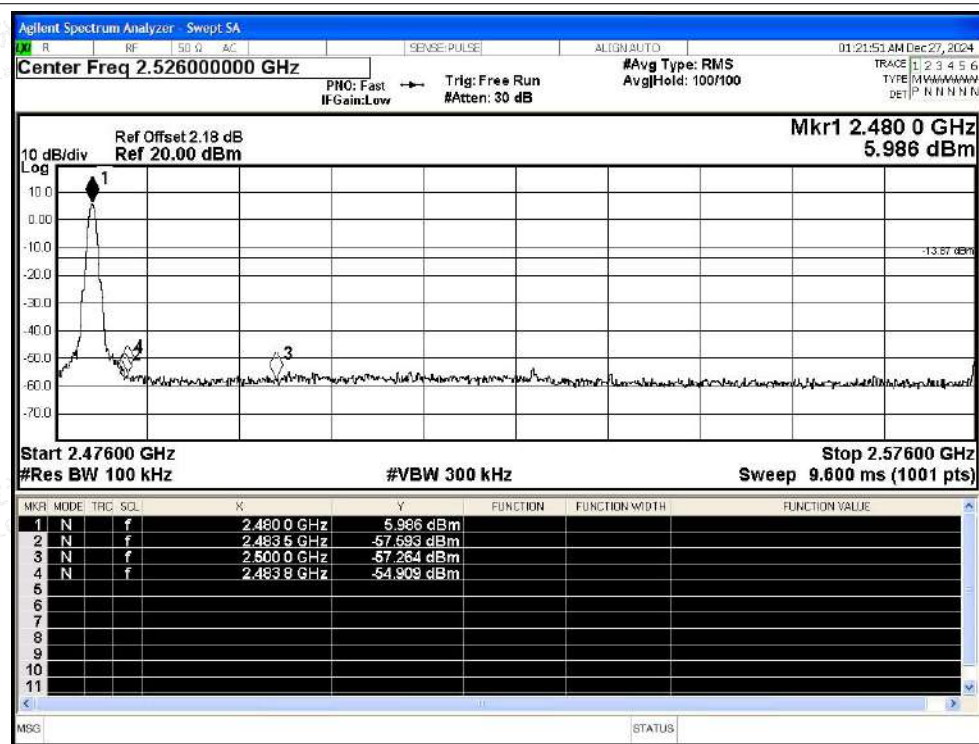
Scan code to check authenticity



Band Edge NVNT BLE 1M 2480MHz Ant1 Ref



Band Edge NVNT BLE 1M 2480MHz Ant1 Emission



Shenzhen LCS Compliance Testing Laboratory Ltd.

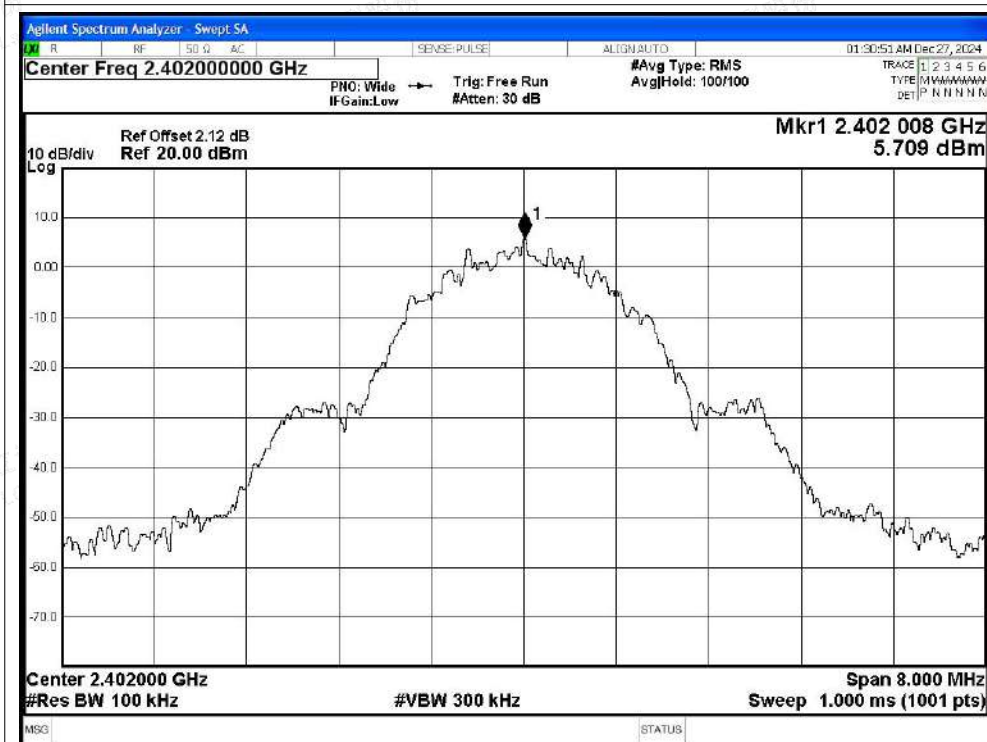
Add: Room 101, 201, Building A and Room 301, Building C, Juji Industrial Park, Yabianxueziwei, Shajing Street, Bao'an District, Shenzhen, Guangdong, China

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

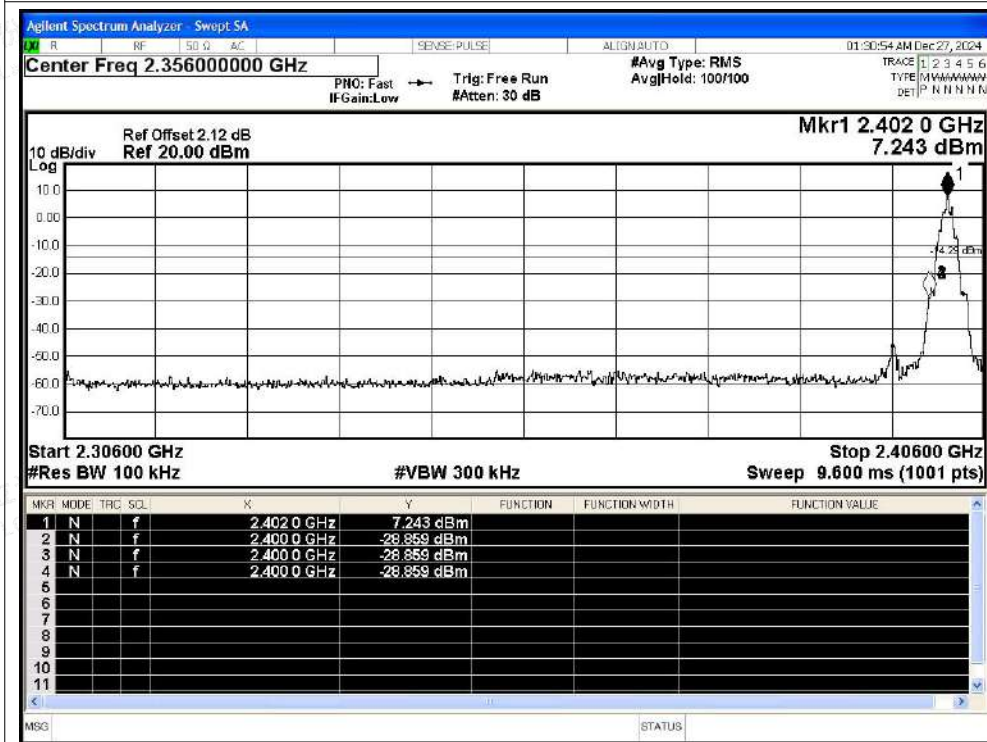
Scan code to check authenticity



Band Edge NVNT BLE 2M 2402MHz Ant1 Ref



Band Edge NVNT BLE 2M 2402MHz Ant1 Emission



Shenzhen LCS Compliance Testing Laboratory Ltd.

Add: Room 101, 201, Building A and Room 301, Building C, Juji Industrial Park, Yabianxueziwei, Shajing Street, Bao'an District, Shenzhen, Guangdong, China

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

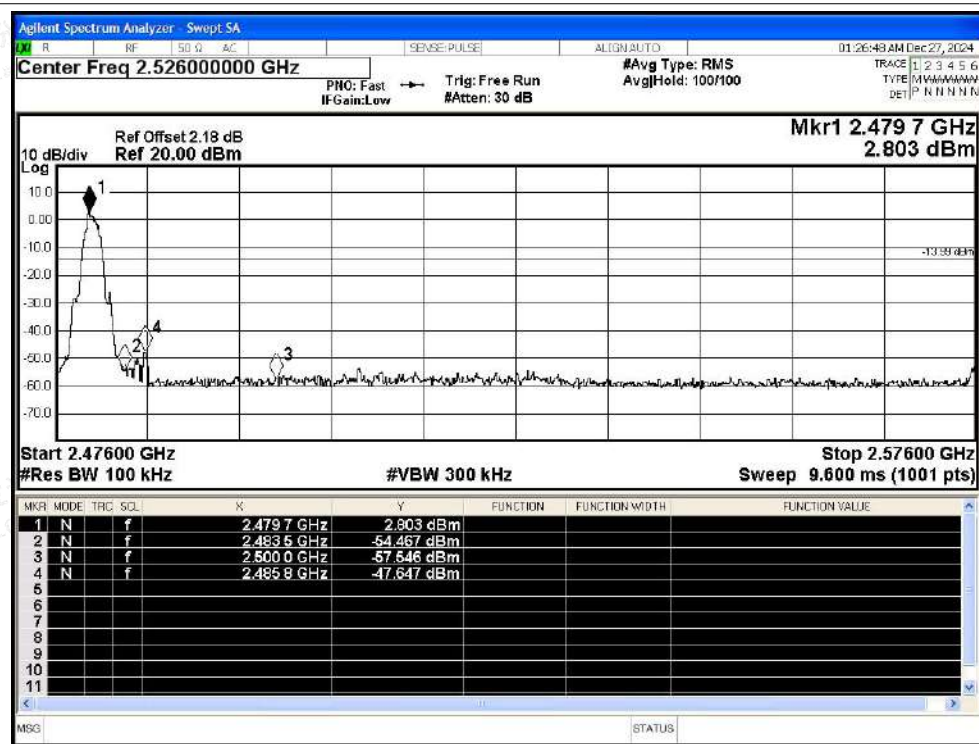
Scan code to check authenticity



Band Edge NVNT BLE 2M 2480MHz Ant1 Ref



Band Edge NVNT BLE 2M 2480MHz Ant1 Emission



Shenzhen LCS Compliance Testing Laboratory Ltd.

Add: Room 101, 201, Building A and Room 301, Building C, Juji Industrial Park, Yabianxueziwei, Shajing Street, Bao'an District, Shenzhen, Guangdong, China

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Scan code to check authenticity



B.5 Conducted RF Spurious Emission

Left ear:

Condition	Mode	Frequency (MHz)	Antenna	Max Value (dBc)	Limit (dBc)	Verdict
NVNT	BLE 1M	2402	Ant1	-40.87	-20	Pass
NVNT	BLE 1M	2440	Ant1	-41.34	-20	Pass
NVNT	BLE 1M	2480	Ant1	-38.5	-20	Pass
NVNT	BLE 2M	2402	Ant1	-40.72	-20	Pass
NVNT	BLE 2M	2440	Ant1	-41.03	-20	Pass
NVNT	BLE 2M	2480	Ant1	-38.86	-20	Pass



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Add: Room 101, 201, Building A and Room 301, Building C, Juji Industrial Park, Yabianxueziwei, Shajing Street, Bao'an District, Shenzhen, Guangdong, China

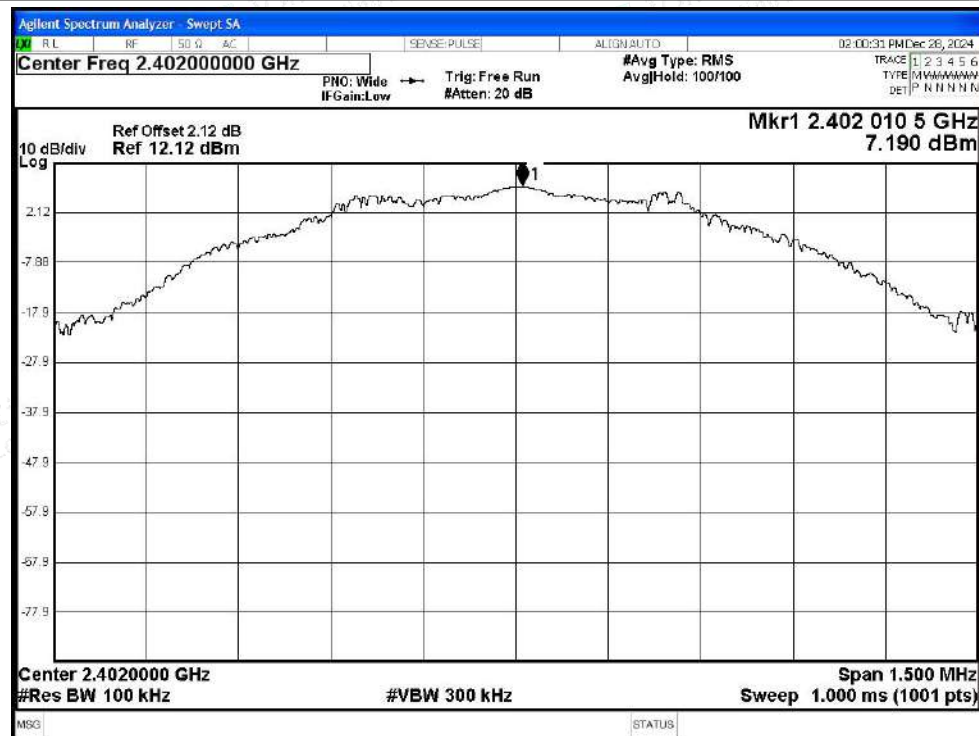
Tel: +(86) 0755-82591330 | E-mail: webmaster@lcs-cert.com | Web: www.lcs-cert.com

Scan code to check authenticity

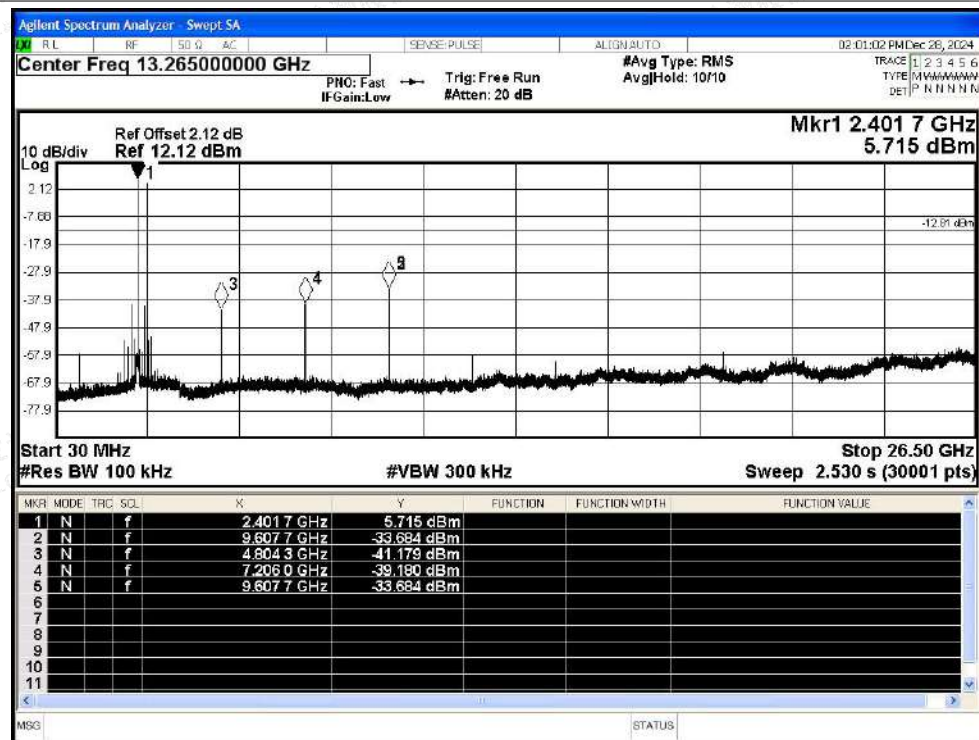


Test Graphs

Tx. Spurious NVNT BLE 1M 2402MHz Ant1 Ref



Tx. Spurious NVNT BLE 1M 2402MHz Ant1 Emission



Shenzhen LCS Compliance Testing Laboratory Ltd.

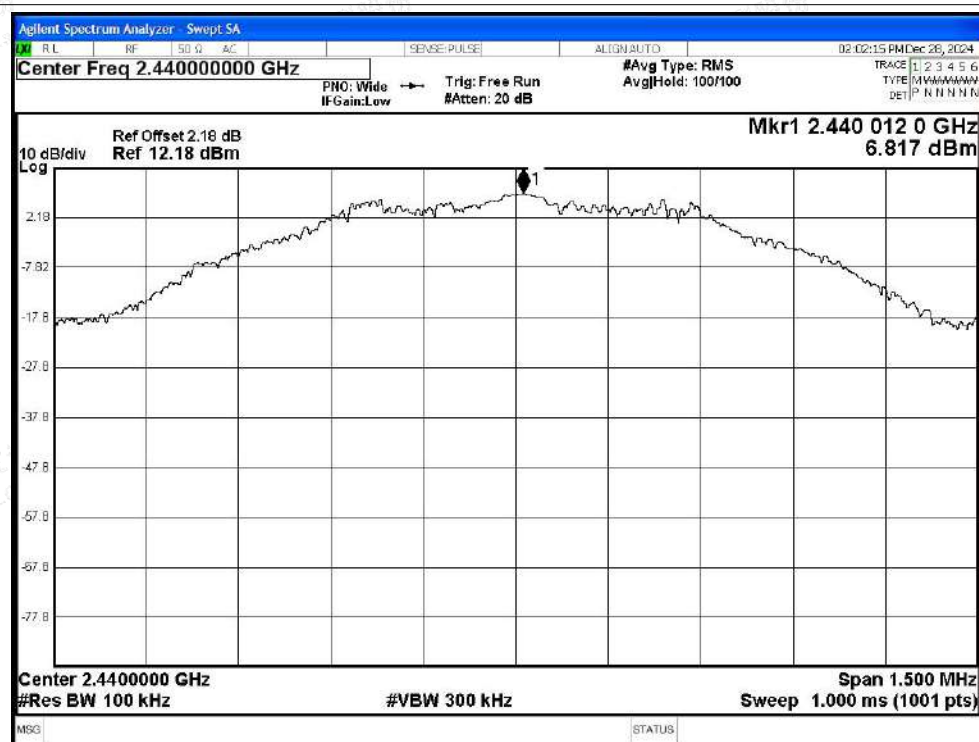
Add: Room 101, 201, Building A and Room 301, Building C, Juji Industrial Park, Yabianxueziwei, Shajing Street, Bao'an District, Shenzhen, Guangdong, China

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

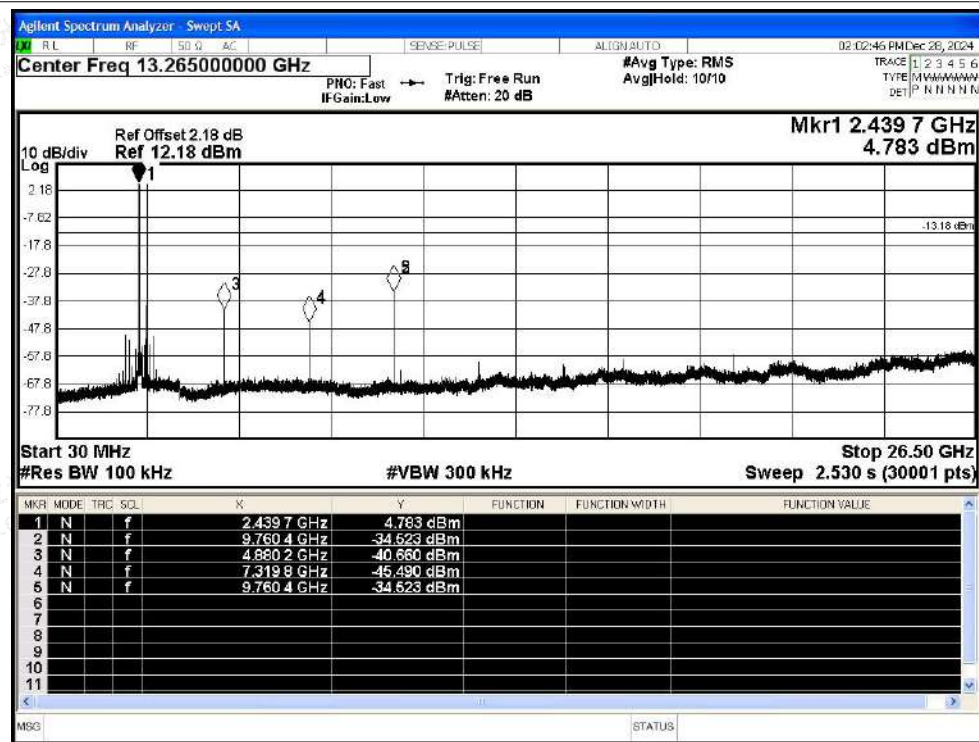
Scan code to check authenticity



Tx. Spurious NVNT BLE 1M 2440MHz Ant1 Ref



Tx. Spurious NVNT BLE 1M 2440MHz Ant1 Emission



Shenzhen LCS Compliance Testing Laboratory Ltd.

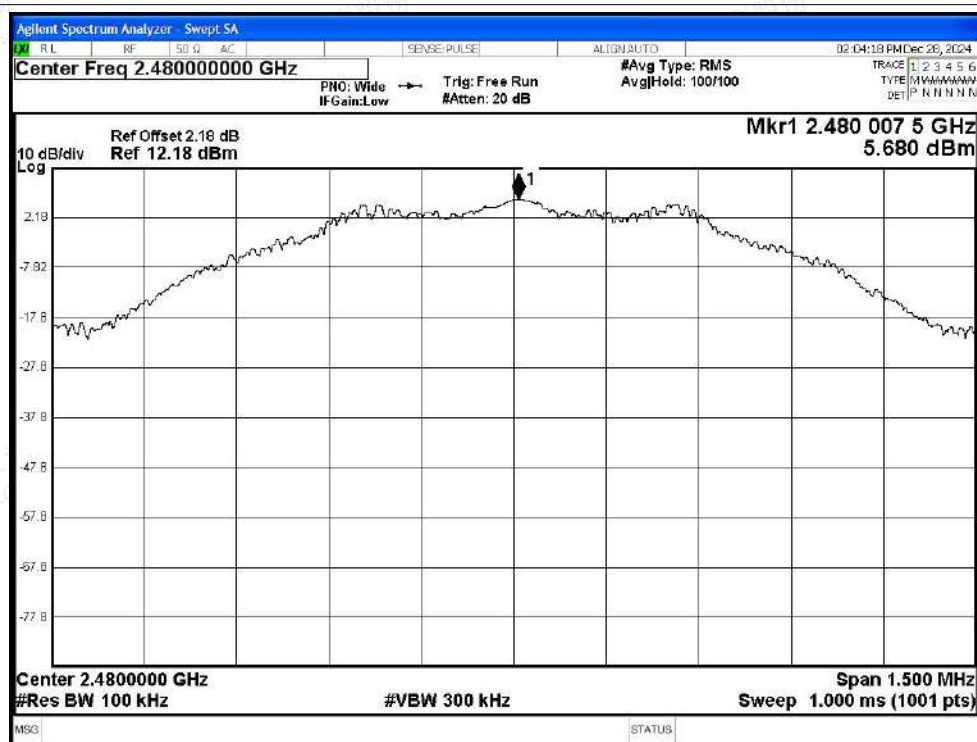
Add: Room 101, 201, Building A and Room 301, Building C, Juji Industrial Park, Yabianxueziwei, Shajing Street, Bao'an District, Shenzhen, Guangdong, China

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

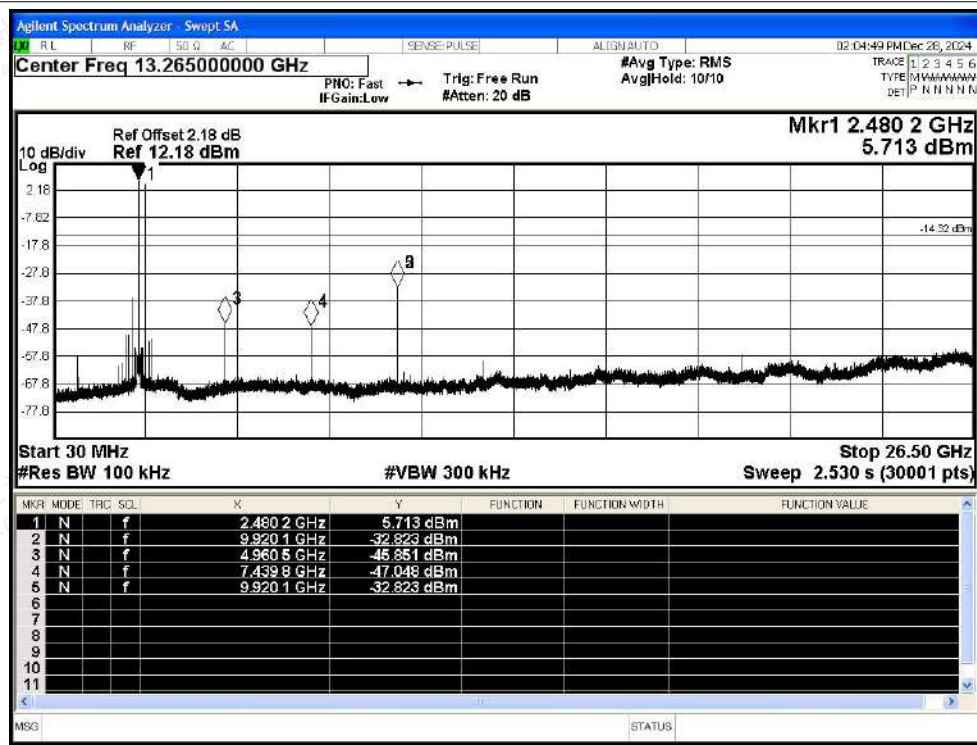
Scan code to check authenticity



Tx. Spurious NVNT BLE 1M 2480MHz Ant1 Ref



Tx. Spurious NVNT BLE 1M 2480MHz Ant1 Emission



Shenzhen LCS Compliance Testing Laboratory Ltd.

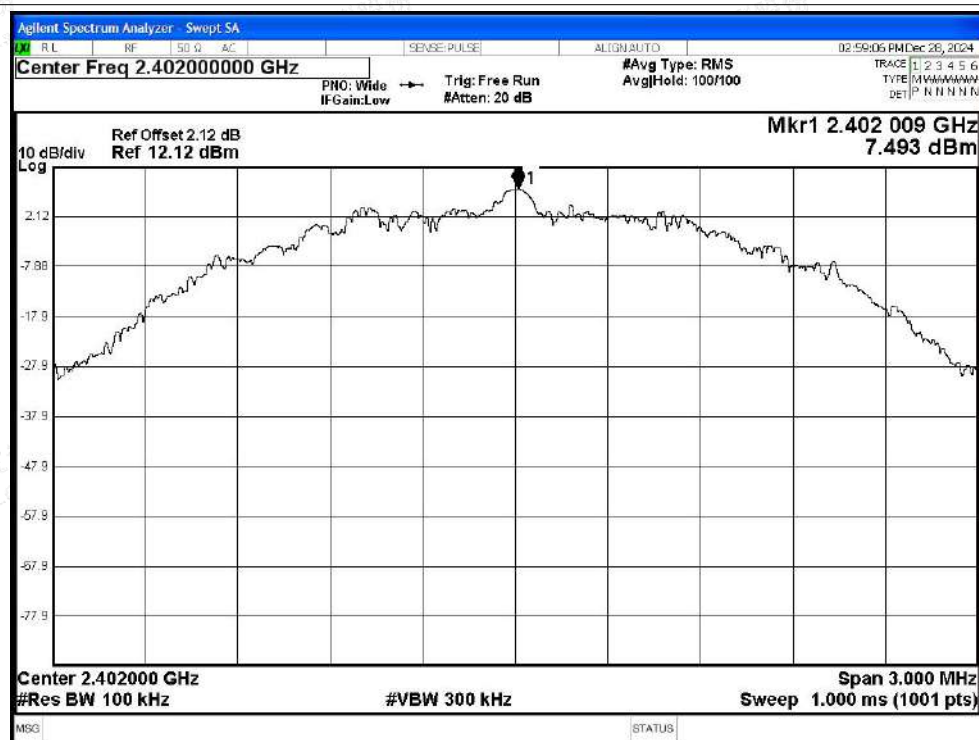
Add: Room 101, 201, Building A and Room 301, Building C, Juji Industrial Park, Yabianxueziwei, Shajing Street, Bao'an District, Shenzhen, Guangdong, China

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

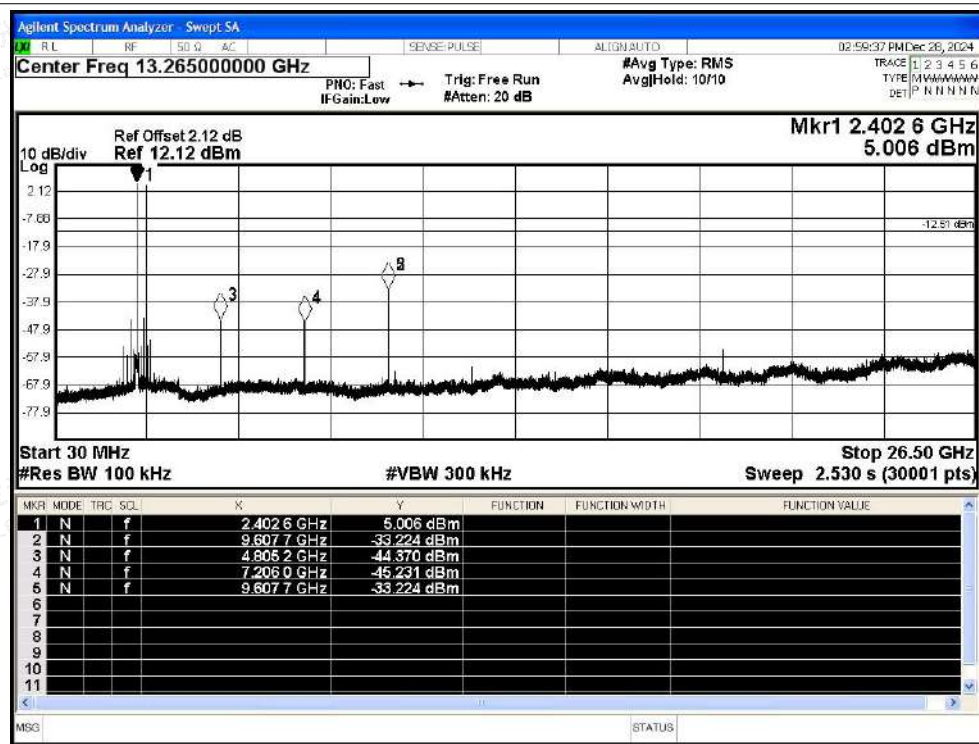
Scan code to check authenticity



Tx. Spurious NVNT BLE 2M 2402MHz Ant1 Ref



Tx. Spurious NVNT BLE 2M 2402MHz Ant1 Emission



Shenzhen LCS Compliance Testing Laboratory Ltd.

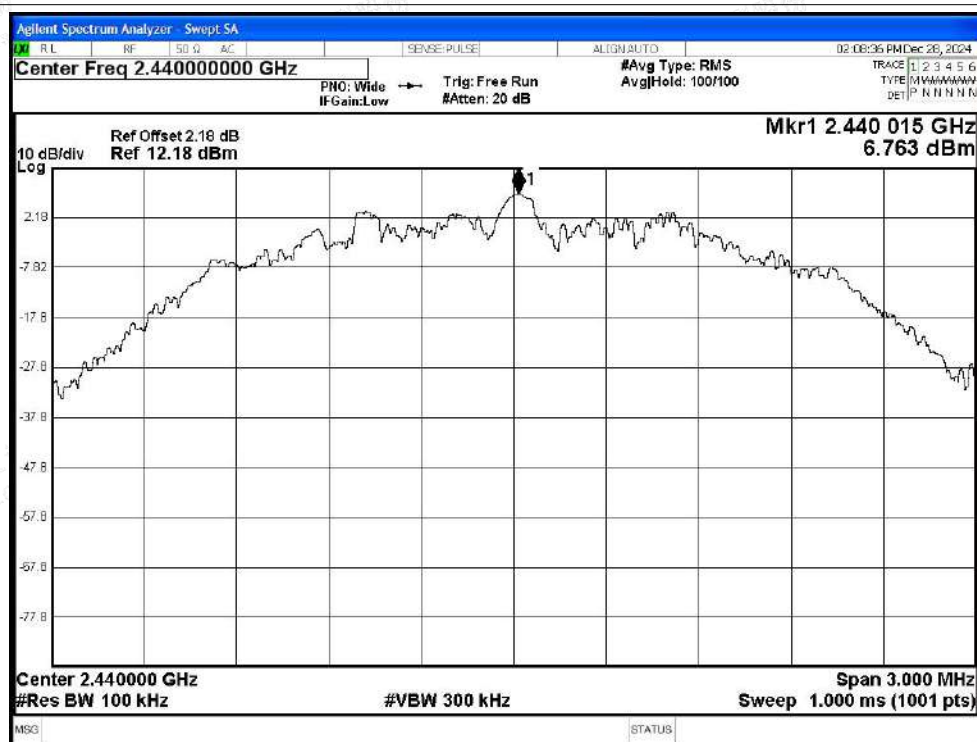
Add: Room 101, 201, Building A and Room 301, Building C, Juji Industrial Park, Yabianxueziwei, Shajing Street, Bao'an District, Shenzhen, Guangdong, China

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

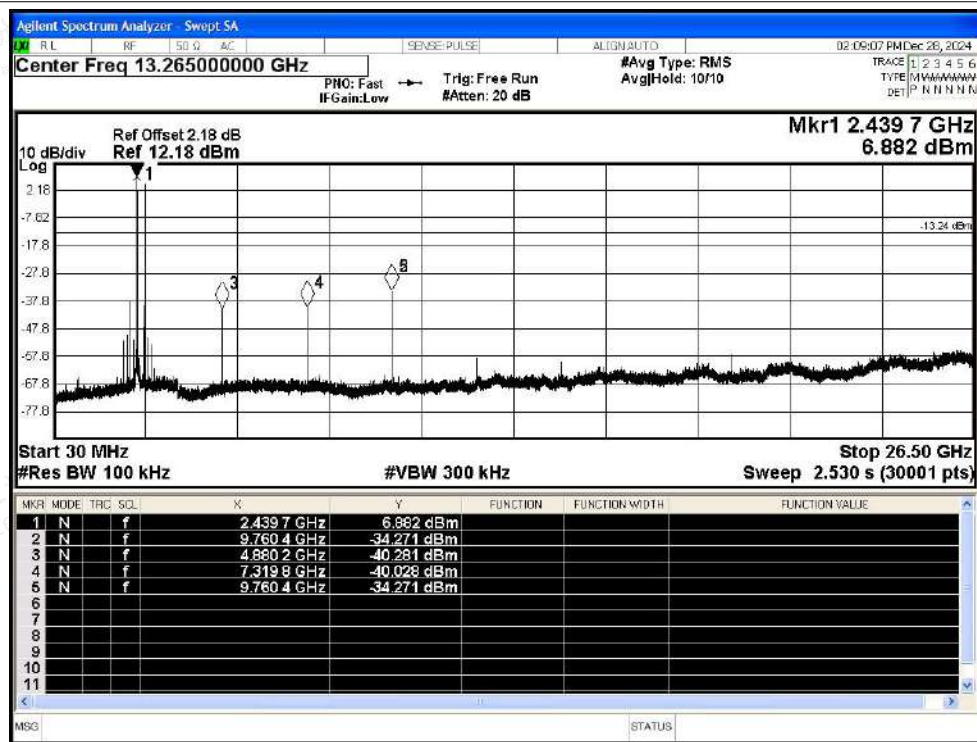
Scan code to check authenticity



Tx. Spurious NVNT BLE 2M 2440MHz Ant1 Ref



Tx. Spurious NVNT BLE 2M 2440MHz Ant1 Emission



Shenzhen LCS Compliance Testing Laboratory Ltd.

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

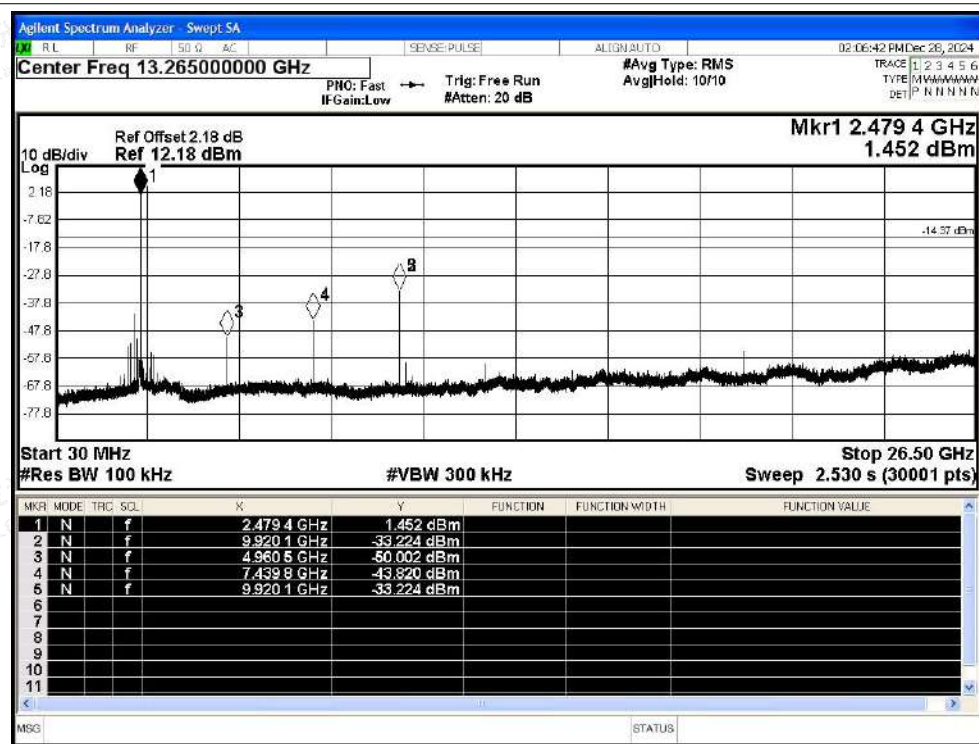
Scan code to check authenticity



Tx. Spurious NVNT BLE 2M 2480MHz Ant1 Ref



Tx. Spurious NVNT BLE 2M 2480MHz Ant1 Emission



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Scan code to check authenticity



Right ear:

Condition	Mode	Frequency (MHz)	Antenna	Max Value (dBc)	Limit (dBc)	Verdict
NVNT	BLE 1M	2402	Ant1	-42.46	-20	Pass
NVNT	BLE 1M	2440	Ant1	-40.68	-20	Pass
NVNT	BLE 1M	2480	Ant1	-35.99	-20	Pass
NVNT	BLE 2M	2402	Ant1	-48.6	-20	Pass
NVNT	BLE 2M	2440	Ant1	-39.05	-20	Pass
NVNT	BLE 2M	2480	Ant1	-32.77	-20	Pass



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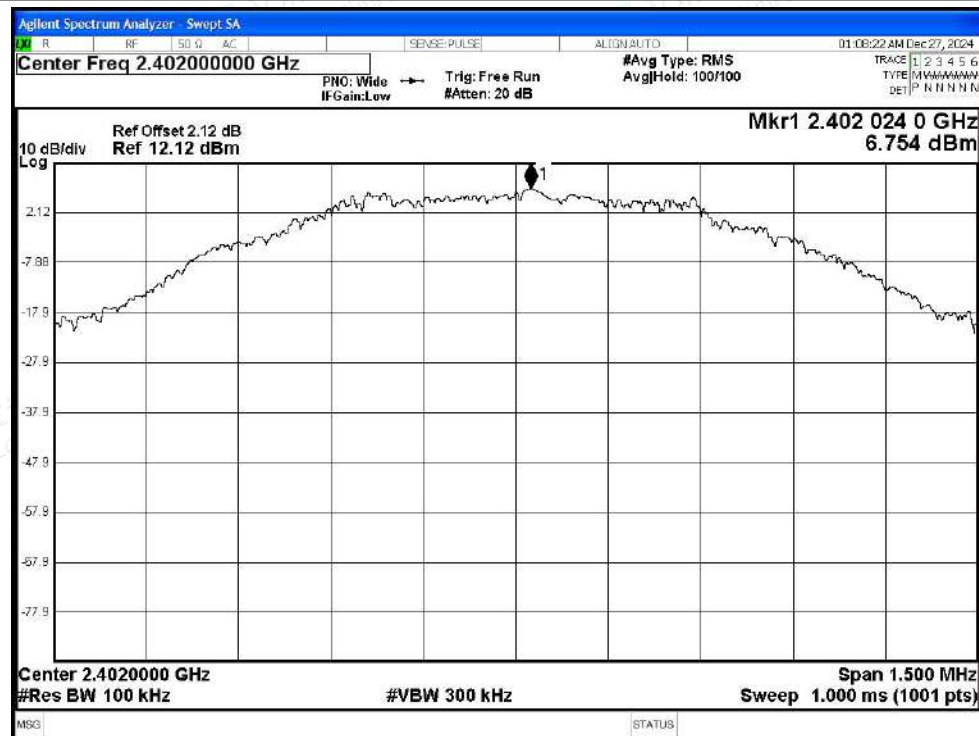
Tel: +(86) 0755-82591330 | E-mail: webmaster@lcs-cert.com | Web: www.lcs-cert.com

Scan code to check authenticity

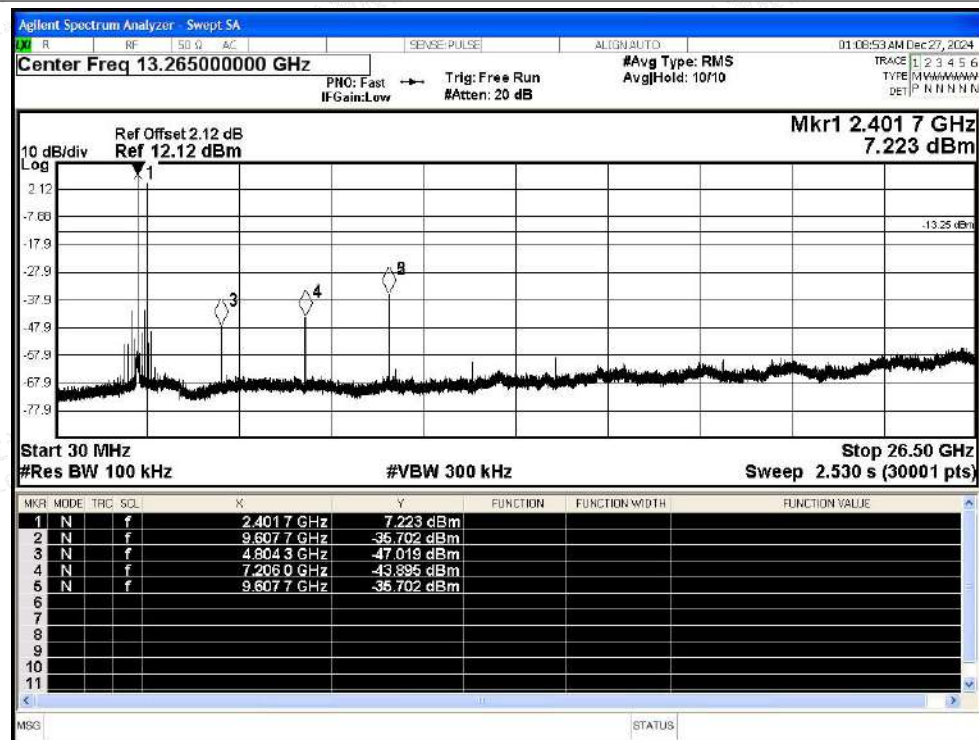


Test Graphs

Tx. Spurious NVNT BLE 1M 2402MHz Ant1 Ref



Tx. Spurious NVNT BLE 1M 2402MHz Ant1 Emission



Shenzhen LCS Compliance Testing Laboratory Ltd.

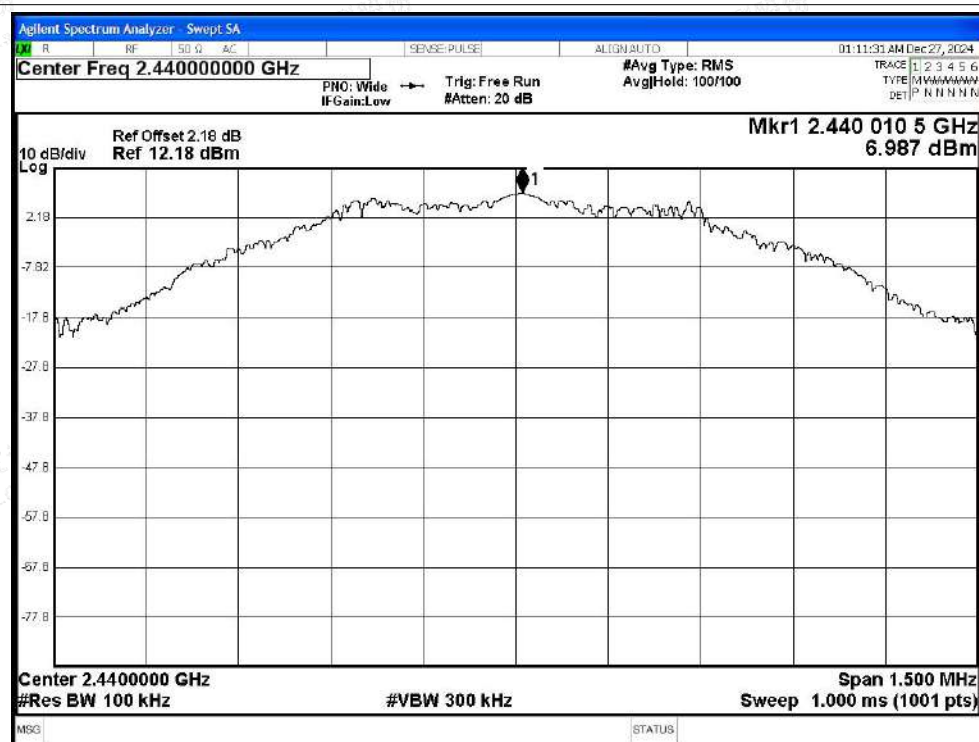
Add: Room 101, 201, Building A and Room 301, Building C, Juji Industrial Park, Yabianxueziwei, Shajing Street, Bao'an District, Shenzhen, Guangdong, China

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

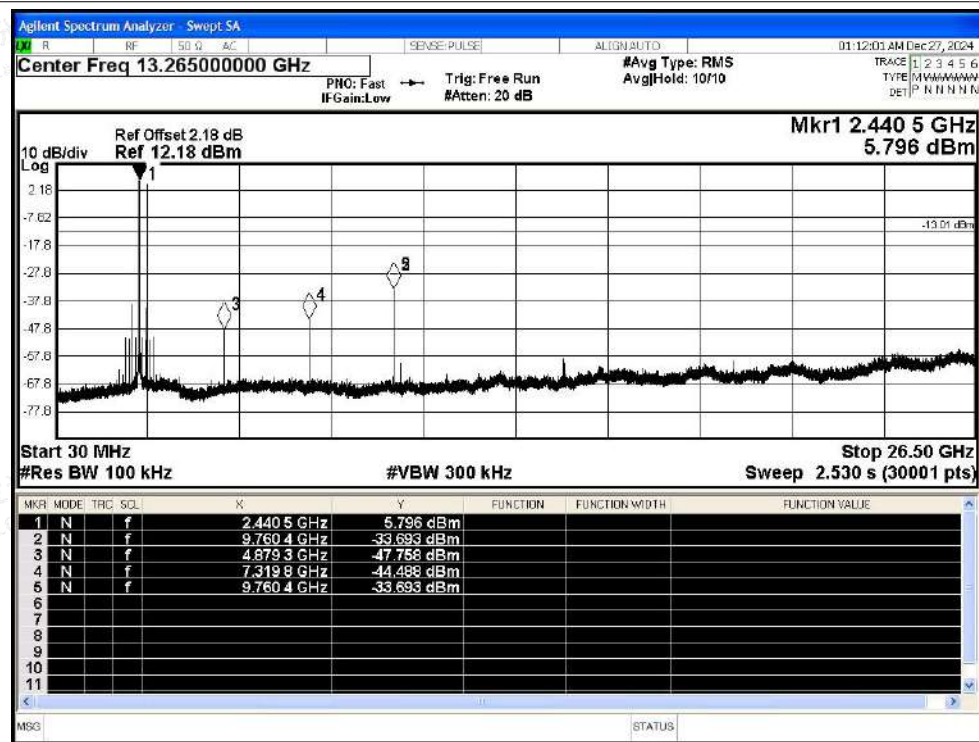
Scan code to check authenticity



Tx. Spurious NVNT BLE 1M 2440MHz Ant1 Ref



Tx. Spurious NVNT BLE 1M 2440MHz Ant1 Emission



Shenzhen LCS Compliance Testing Laboratory Ltd.

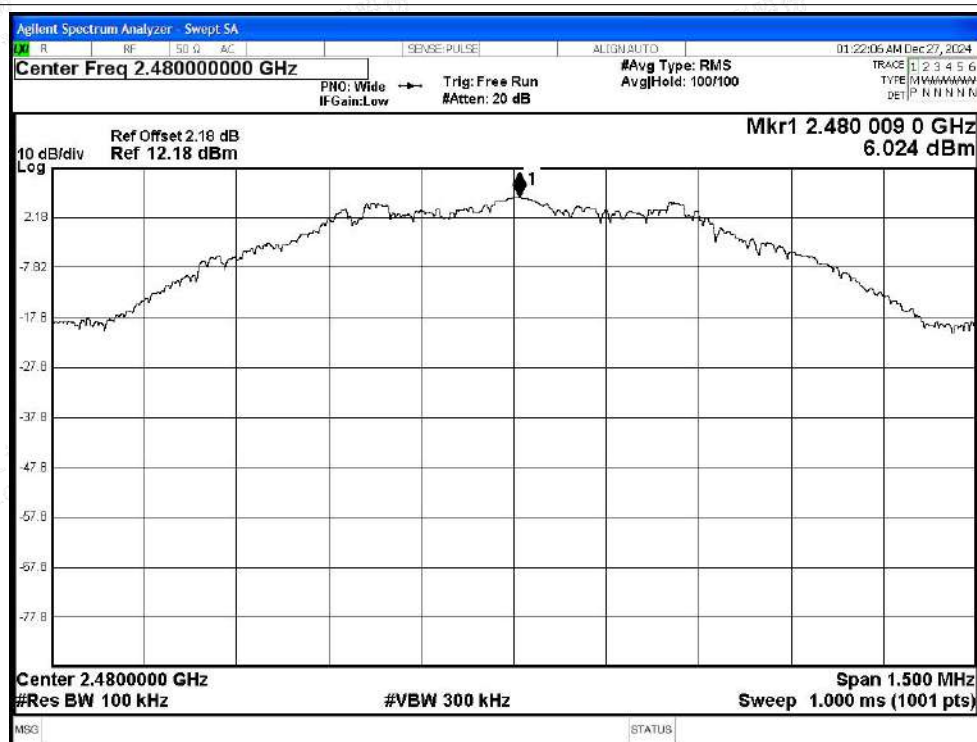
Add: Room 101, 201, Building A and Room 301, Building C, Juji Industrial Park, Yabianxueziwei, Shajing Street, Bao'an District, Shenzhen, Guangdong, China

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

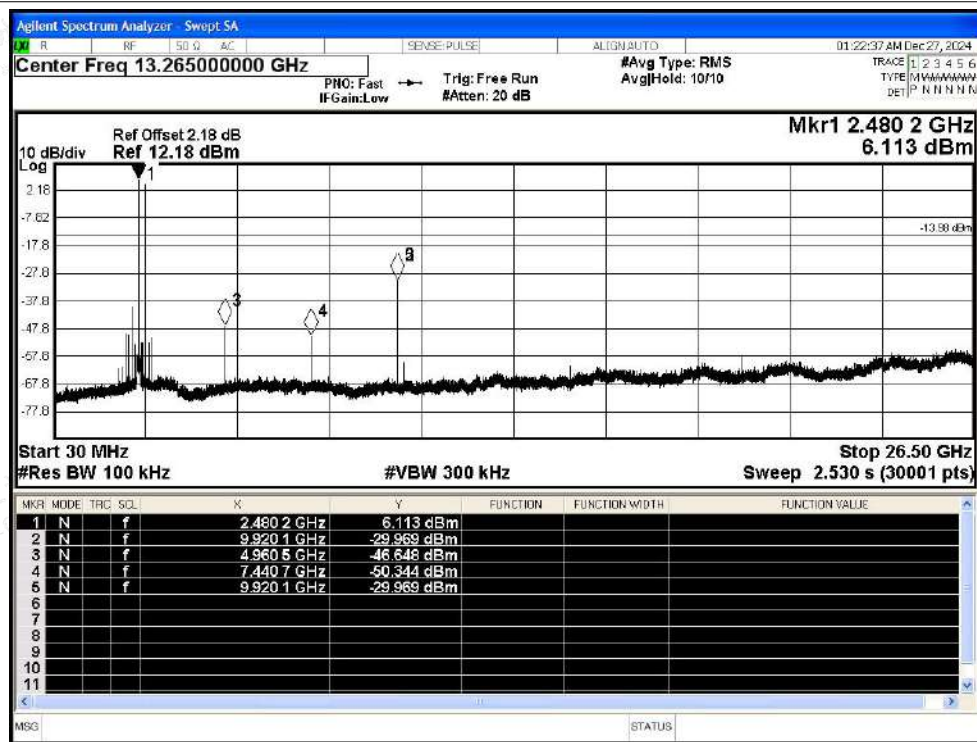
Scan code to check authenticity



Tx. Spurious NVNT BLE 1M 2480MHz Ant1 Ref



Tx. Spurious NVNT BLE 1M 2480MHz Ant1 Emission



Shenzhen LCS Compliance Testing Laboratory Ltd.

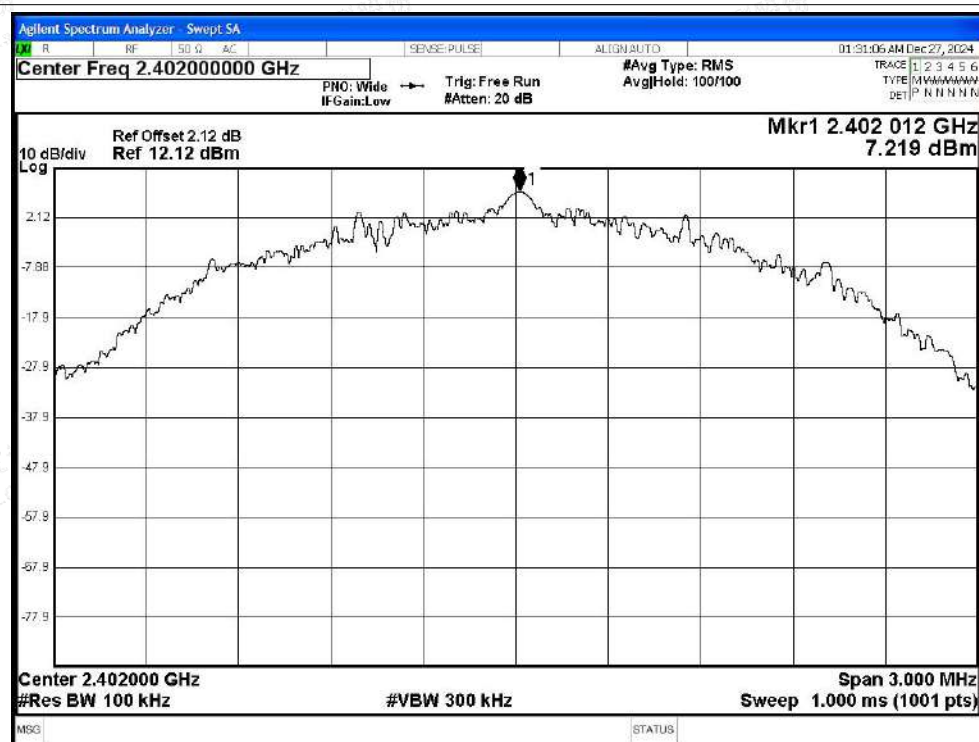
Add: Room 101, 201, Building A and Room 301, Building C, Juji Industrial Park, Yabianxueziwei, Shajing Street, Bao'an District, Shenzhen, Guangdong, China

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

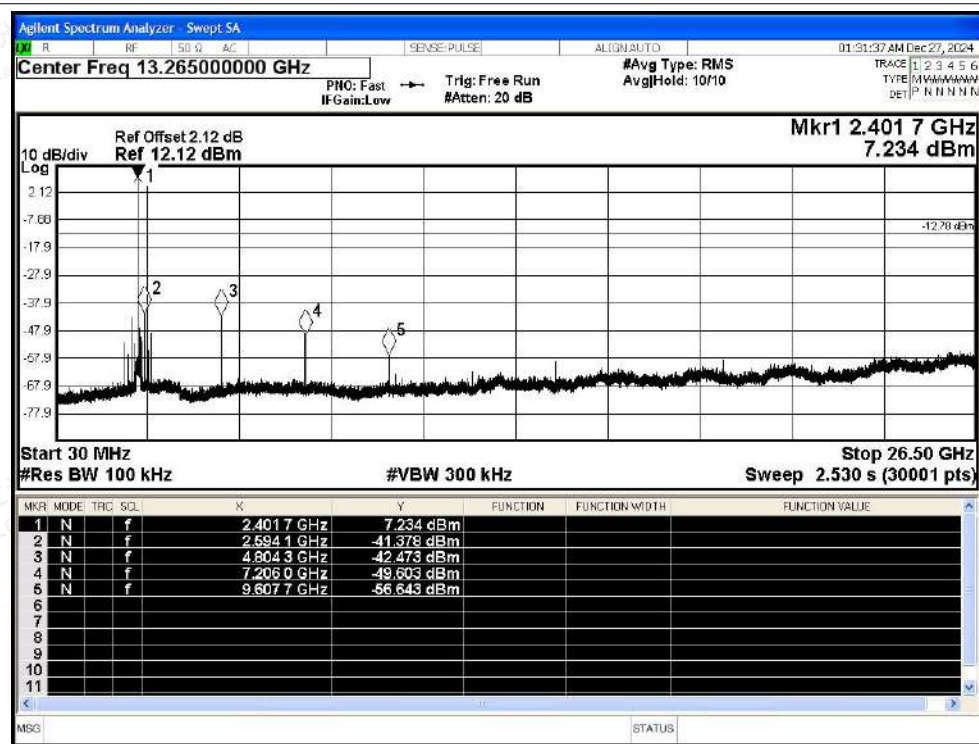
Scan code to check authenticity



Tx. Spurious NVNT BLE 2M 2402MHz Ant1 Ref



Tx. Spurious NVNT BLE 2M 2402MHz Ant1 Emission



Shenzhen LCS Compliance Testing Laboratory Ltd.

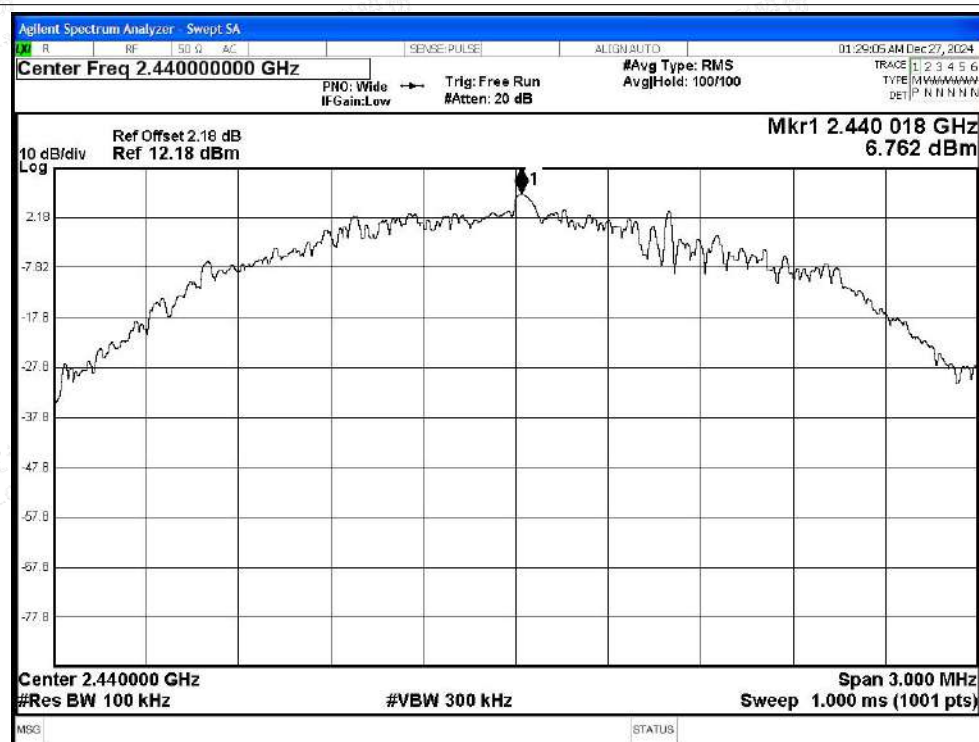
Add: Room 101, 201, Building A and Room 301, Building C, Juji Industrial Park, Yabianxueziwei, Shajing Street, Bao'an District, Shenzhen, Guangdong, China

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

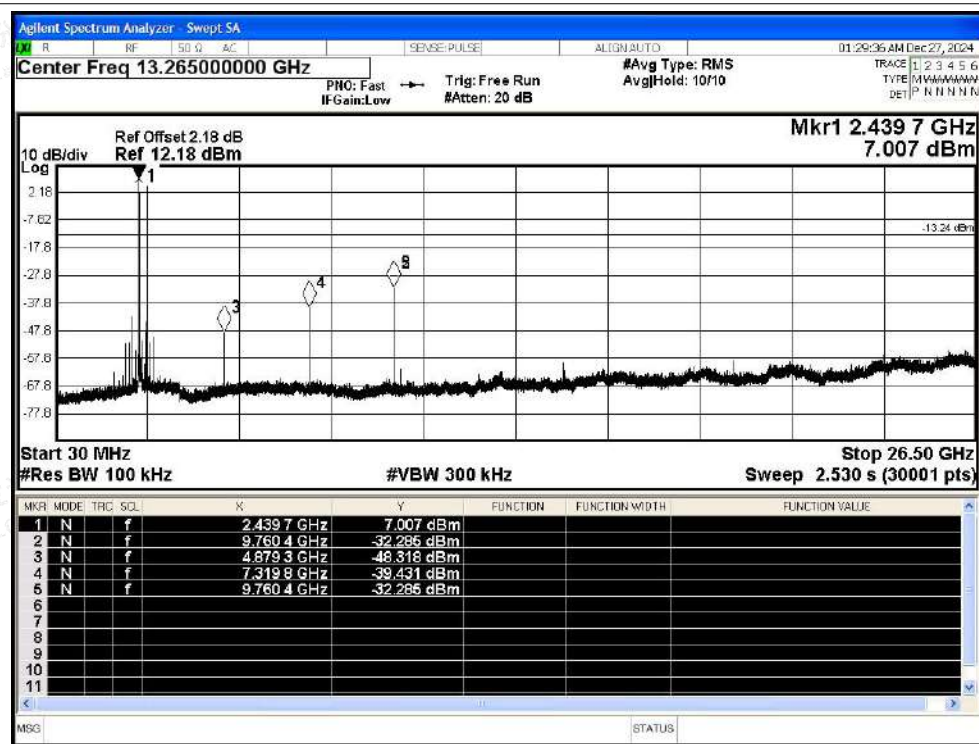
Scan code to check authenticity



Tx. Spurious NVNT BLE 2M 2440MHz Ant1 Ref



Tx. Spurious NVNT BLE 2M 2440MHz Ant1 Emission



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

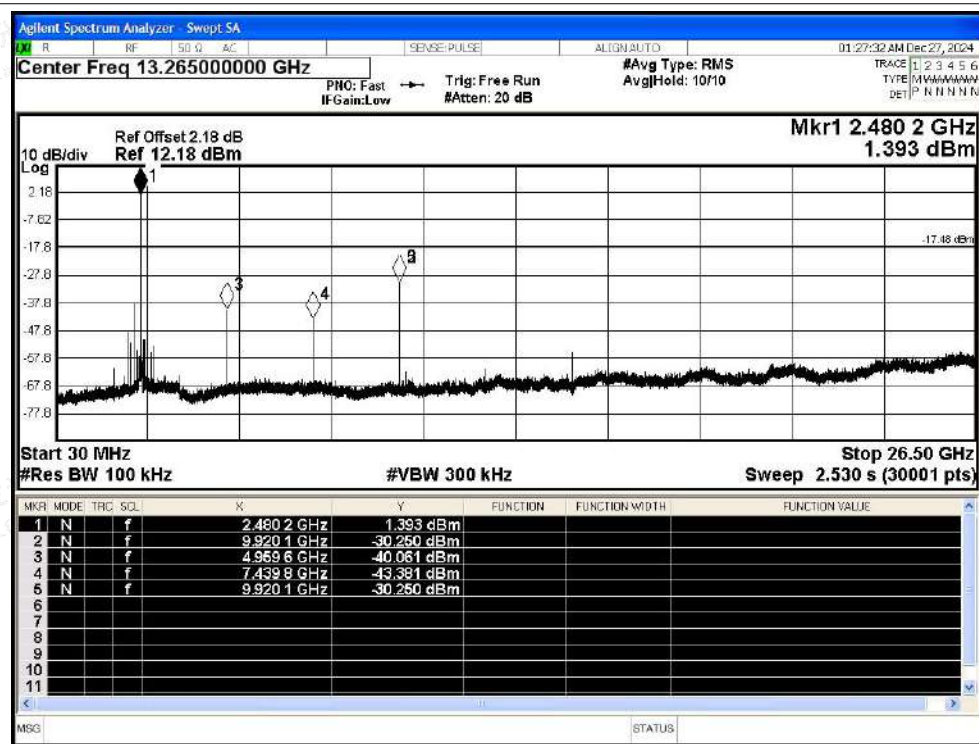
Scan code to check authenticity



Tx. Spurious NVNT BLE 2M 2480MHz Ant1 Ref



Tx. Spurious NVNT BLE 2M 2480MHz Ant1 Emission



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Scan code to check authenticity



B.6 Duty Cycle

Left ear:

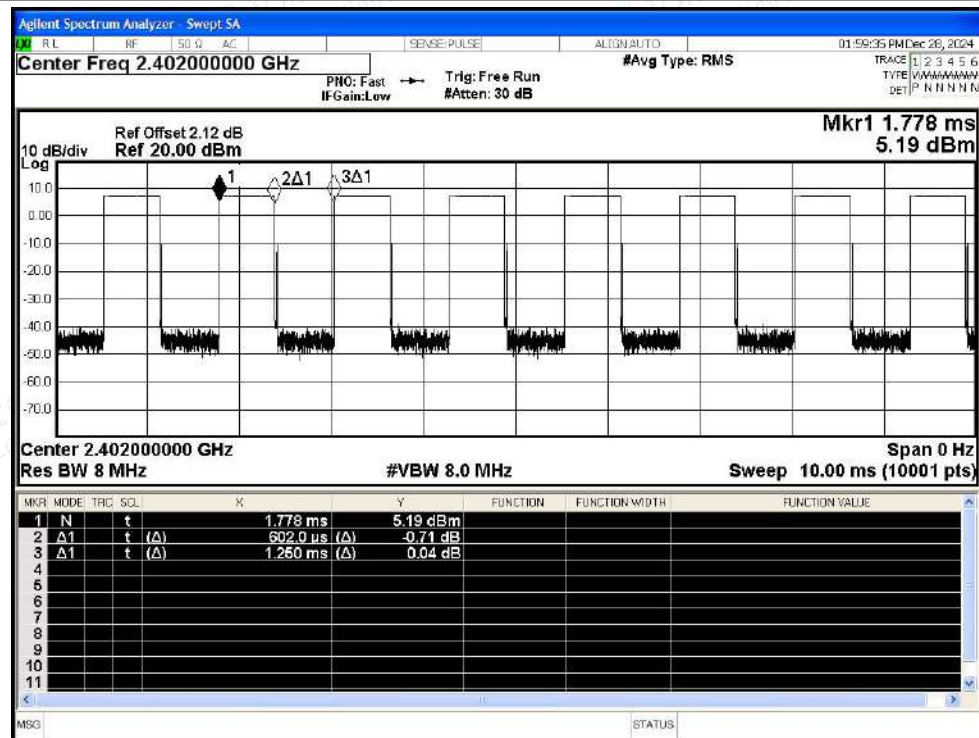
Condition	Mode	Frequency (MHz)	Antenna	Duty Cycle (%)	Correction Factor (dB)	1/T (kHz)
NVNT	BLE 1M	2402	Ant1	48.16	3.17	1.66
NVNT	BLE 1M	2440	Ant1	48.24	3.17	1.66
NVNT	BLE 1M	2480	Ant1	48.24	3.17	1.66
NVNT	BLE 2M	2402	Ant1	27.12	5.67	2.95
NVNT	BLE 2M	2440	Ant1	27.12	5.67	2.95
NVNT	BLE 2M	2480	Ant1	27.04	5.68	2.96



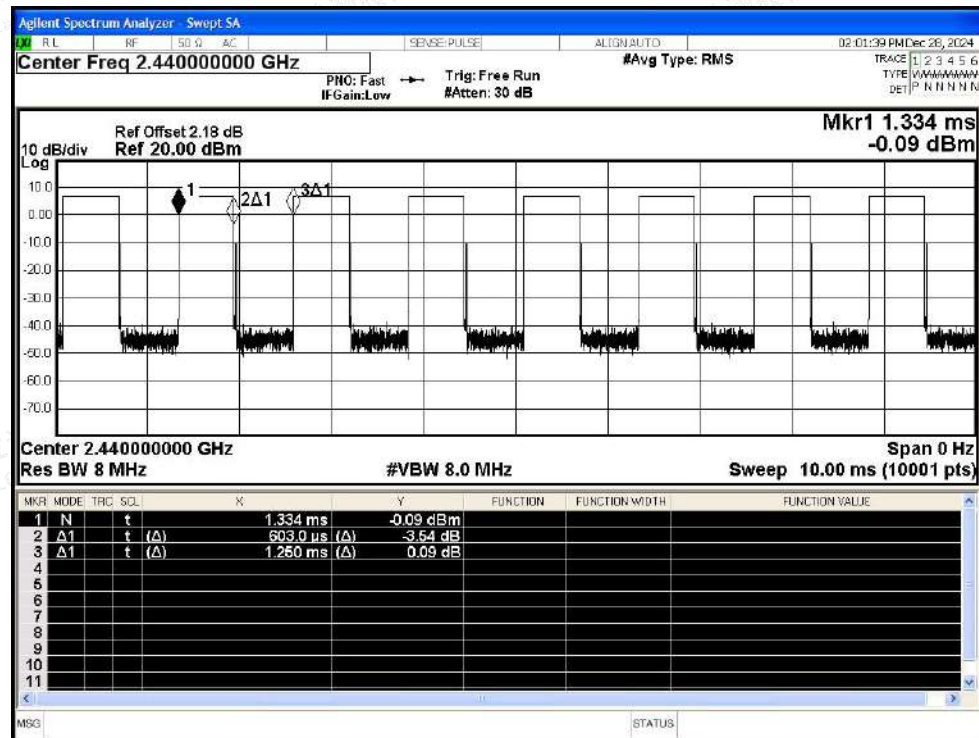


Test Graphs

Duty Cycle NVNT BLE 1M 2402MHz Ant1



Duty Cycle NVNT BLE 1M 2440MHz Ant1



Shenzhen LCS Compliance Testing Laboratory Ltd.

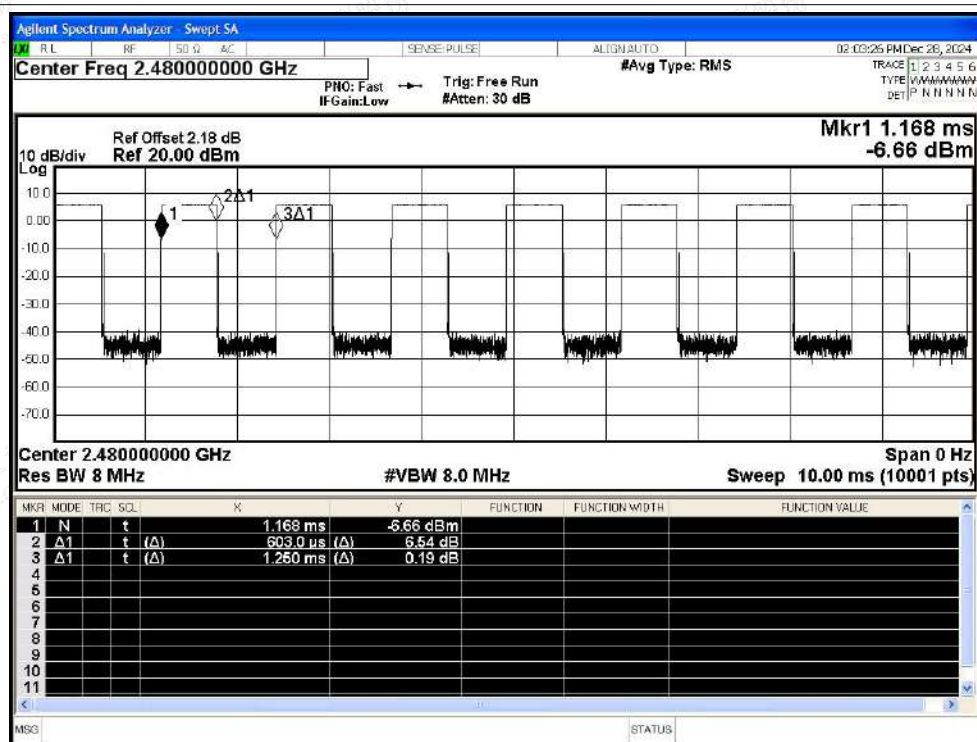
Add: Room 101, 201, Building A and Room 301, Building C, Juji Industrial Park, Yabianxueziwei, Shajing Street, Bao'an District, Shenzhen, Guangdong, China

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

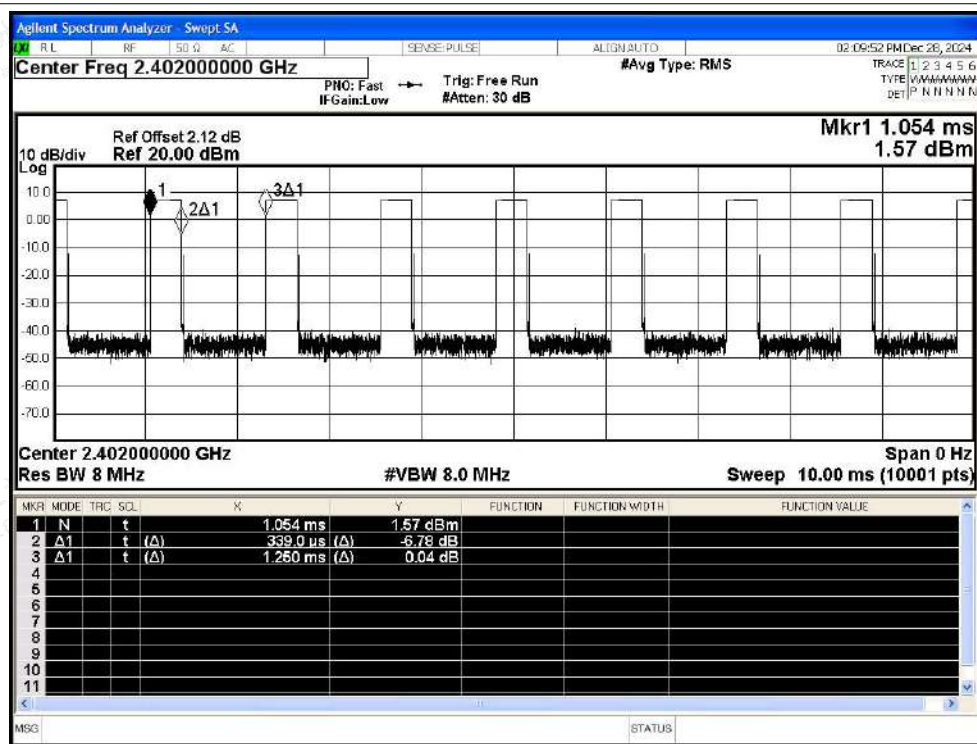
Scan code to check authenticity



Duty Cycle NVNT BLE 1M 2480MHz Ant1



Duty Cycle NVNT BLE 2M 2402MHz Ant1



Shenzhen LCS Compliance Testing Laboratory Ltd.

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

Scan code to check authenticity



Right ear:

Condition	Mode	Frequency (MHz)	Antenna	Duty Cycle (%)	Correction Factor (dB)	1/T (kHz)
NVNT	BLE 1M	2402	Ant1	50.16	3	1.59
NVNT	BLE 1M	2440	Ant1	50.16	3	1.59
NVNT	BLE 1M	2480	Ant1	48.16	3.17	1.66
NVNT	BLE 2M	2402	Ant1	27.04	5.68	2.96
NVNT	BLE 2M	2440	Ant1	27.04	5.68	2.96
NVNT	BLE 2M	2480	Ant1	27.04	5.68	2.96



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Add: Room 101, 201, Building A and Room 301, Building C, Juji Industrial Park, Yabianxueziwei, Shajing Street, Bao'an District, Shenzhen, Guangdong, China

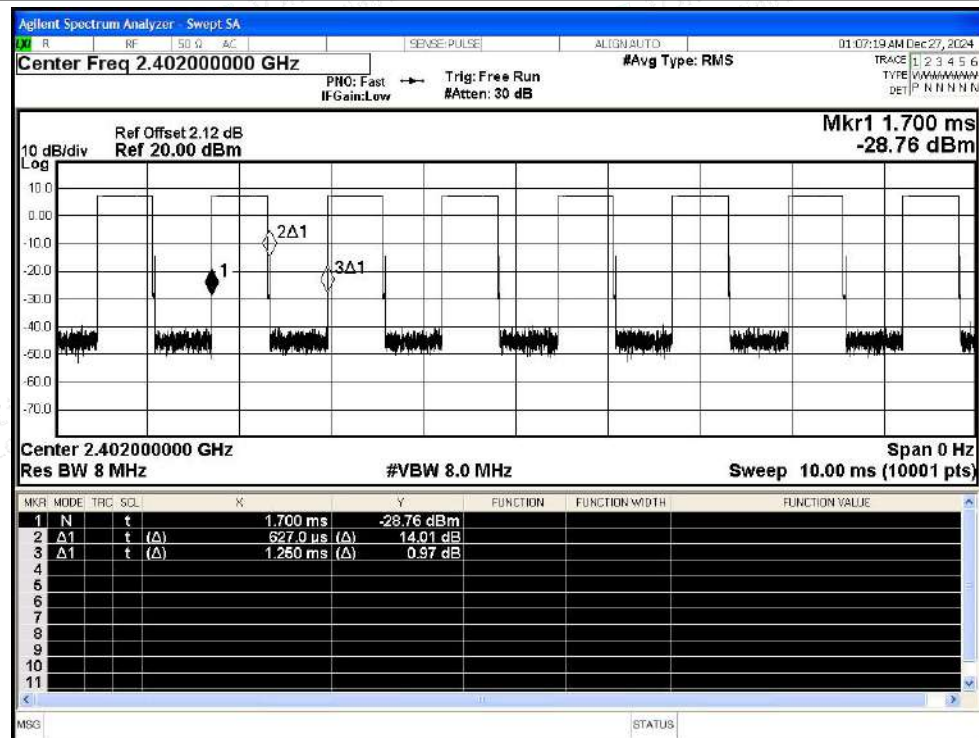
Tel: +(86) 0755-82591330 | E-mail: webmaster@lcs-cert.com | Web: www.lcs-cert.com

Scan code to check authenticity

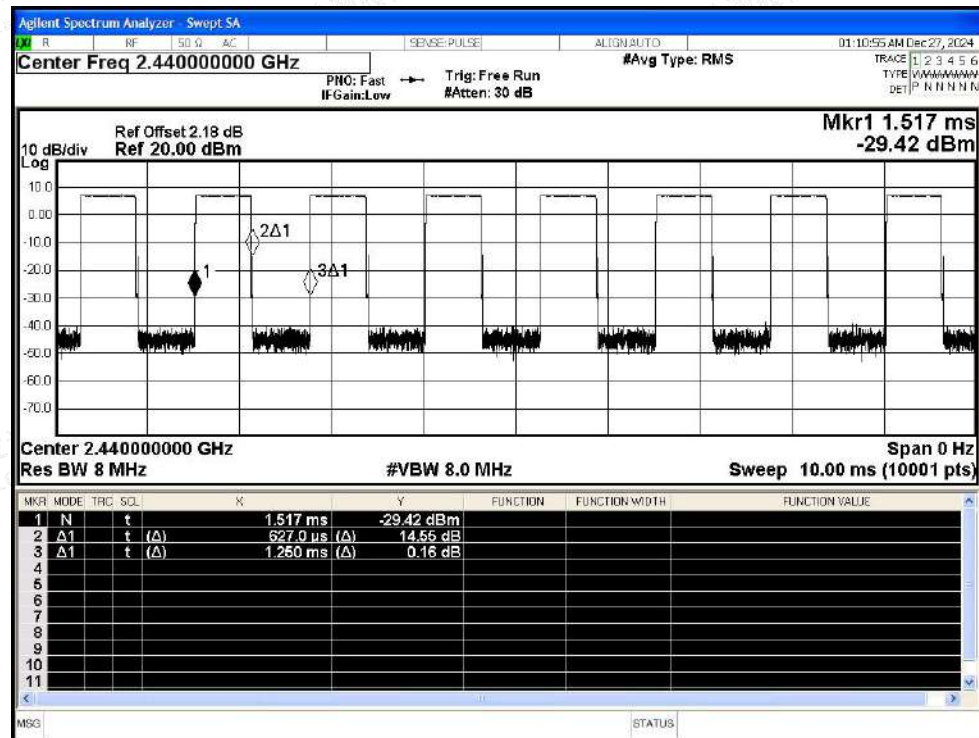


Test Graphs

Duty Cycle NVNT BLE 1M 2402MHz Ant1



Duty Cycle NVNT BLE 1M 2440MHz Ant1



Shenzhen LCS Compliance Testing Laboratory Ltd.

Add: Room 101, 201, Building A and Room 301, Building C, Juji Industrial Park, Yabianxueziwei, Shajing Street, Bao'an District, Shenzhen, Guangdong, China

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

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B.7 Restrict Band

Left ear:

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	-50.43	2	-	46.83	Peak	74	Pass
NVNT	BLE 1M	2402	Ant1	2310	-58.32	2	3.17	42.11	Average	54	Pass
NVNT	BLE 1M	2402	Ant1	2364.048	-44.92	2	-	52.34	Peak	74	Pass
NVNT	BLE 1M	2402	Ant1	2354.16	-55.93	2	3.17	44.5	Average	54	Pass
NVNT	BLE 1M	2402	Ant1	2390	-48.99	2	-	48.27	Peak	74	Pass
NVNT	BLE 1M	2402	Ant1	2390	-56.99	2	3.17	43.44	Average	54	Pass
NVNT	BLE 1M	2480	Ant1	2483.5	-46.44	2	-	50.82	Peak	74	Pass
NVNT	BLE 1M	2480	Ant1	2483.5	-55.81	2	3.17	44.62	Average	54	Pass
NVNT	BLE 1M	2480	Ant1	2483.776	-34.87	2	-	62.39	Peak	74	Pass
NVNT	BLE 1M	2480	Ant1	2483.656	-55.08	2	3.17	45.35	Average	54	Pass
NVNT	BLE 1M	2480	Ant1	2500	-48.11	2	-	49.15	Peak	74	Pass
NVNT	BLE 1M	2480	Ant1	2500	-56.71	2	3.17	43.72	Average	54	Pass
NVNT	BLE 2M	2402	Ant1	2310	-49.45	2	-	47.81	Peak	74	Pass
NVNT	BLE 2M	2402	Ant1	2310	-58.03	2	5.67	44.9	Average	54	Pass
NVNT	BLE 2M	2402	Ant1	2385.264	-44.26	2	-	53	Peak	74	Pass
NVNT	BLE 2M	2402	Ant1	2354.736	-56.21	2	5.67	46.72	Average	54	Pass
NVNT	BLE 2M	2402	Ant1	2390	-49.81	2	-	47.45	Peak	74	Pass
NVNT	BLE 2M	2402	Ant1	2390	-57.77	2	5.67	45.16	Average	54	Pass
NVNT	BLE 2M	2480	Ant1	2483.5	-43.19	2	-	54.07	Peak	74	Pass
NVNT	BLE 2M	2480	Ant1	2483.5	-55.48	2	5.68	47.46	Average	54	Pass
NVNT	BLE 2M	2480	Ant1	2485.6	-34.42	2	-	62.84	Peak	74	Pass
NVNT	BLE 2M	2480	Ant1	2483.8	-53.09	2	5.68	49.85	Average	54	Pass
NVNT	BLE 2M	2480	Ant1	2500	-48.57	2	-	48.69	Peak	74	Pass
NVNT	BLE 2M	2480	Ant1	2500	-57.46	2	5.68	45.48	Average	54	Pass



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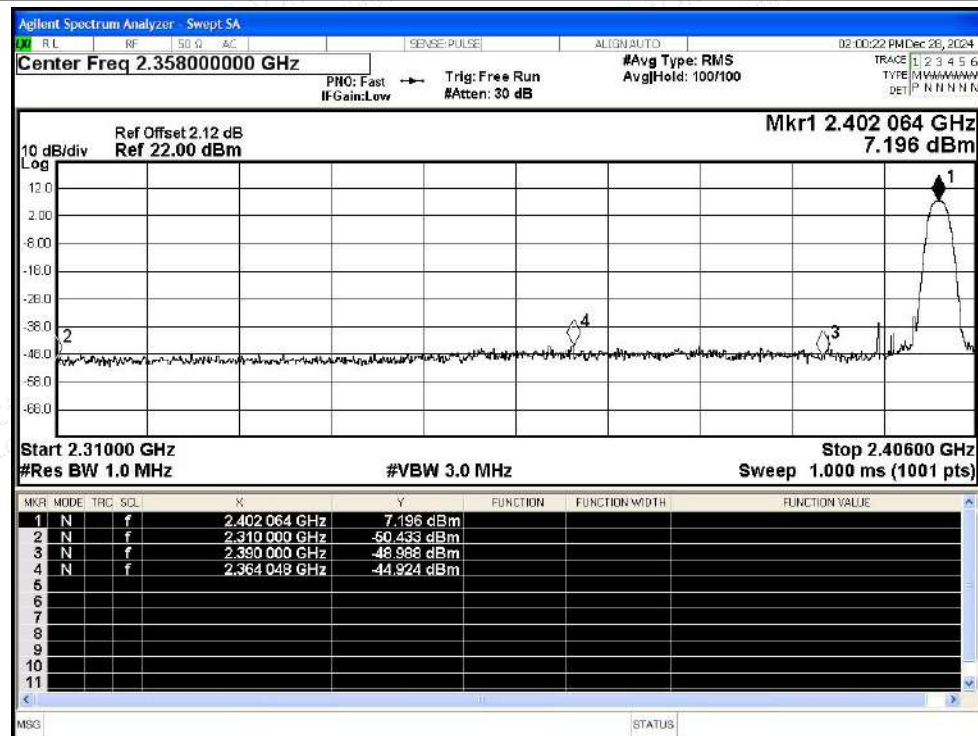
Tel: +(86) 0755-82591330 | E-mail: webmaster@lcs-cert.com | Web: www.lcs-cert.com

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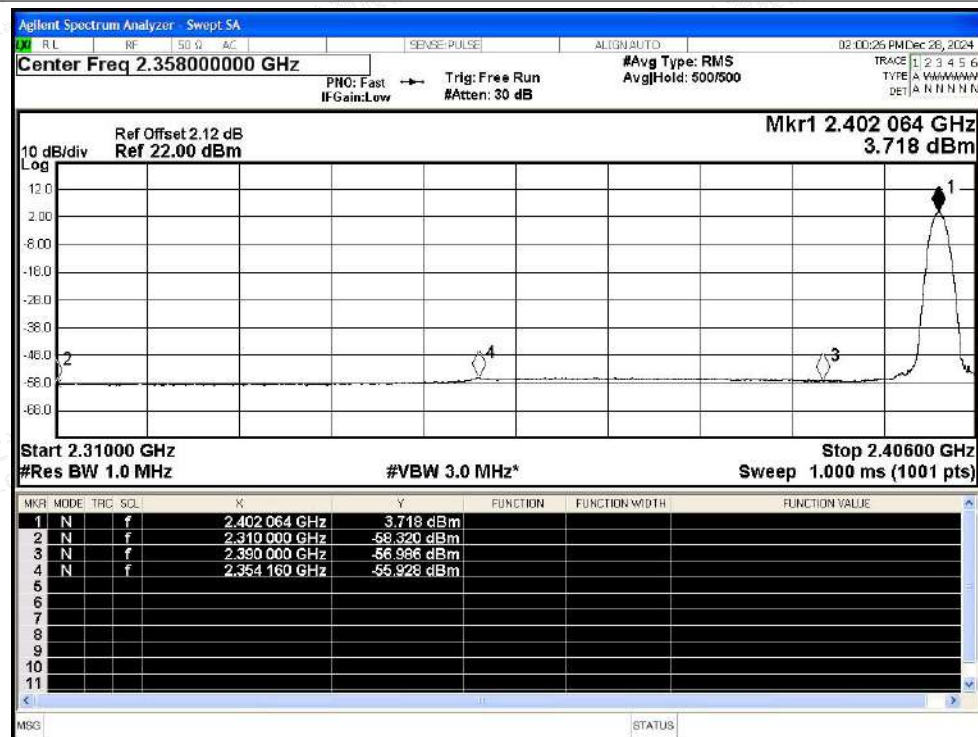


Test Graphs

Restrict Band NVNT BLE 1M 2402MHz Ant1 Peak



Restrict Band NVNT BLE 1M 2402MHz Ant1 Average



Shenzhen LCS Compliance Testing Laboratory Ltd.

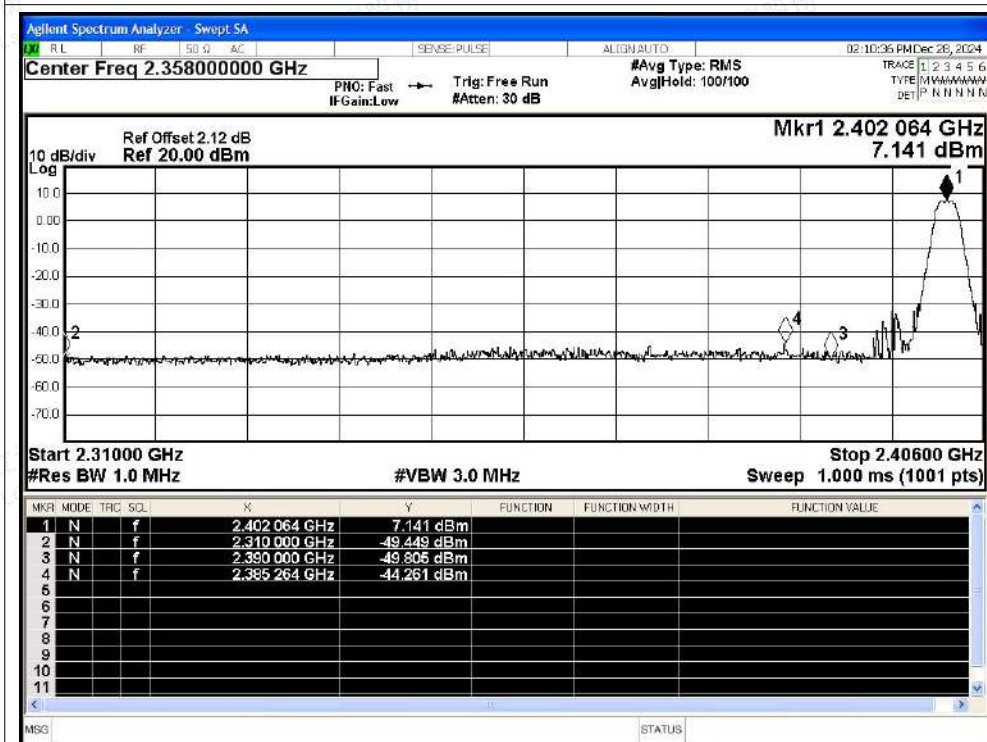
Add: Room 101, 201, Building A and Room 301, Building C, Juji Industrial Park, Yabianxueziwei, Shajing Street, Bao'an District, Shenzhen, Guangdong, China

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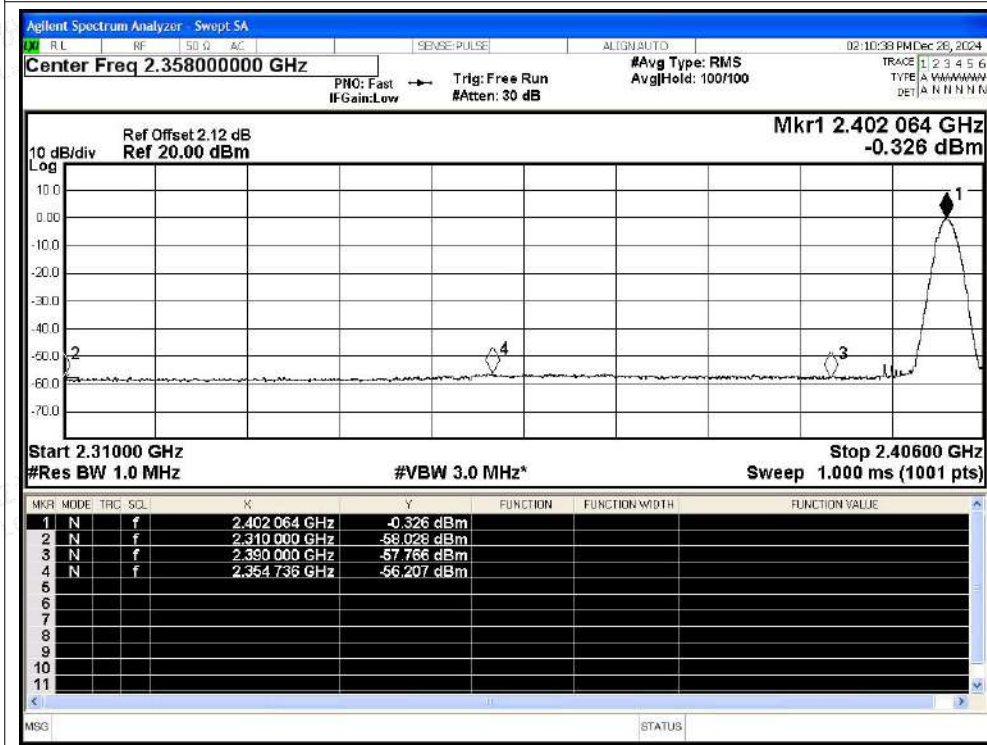
Scan code to check authenticity



Restrict Band NVNT BLE 2M 2402MHz Ant1 Peak



Restrict Band NVNT BLE 2M 2402MHz Ant1 Average



Shenzhen LCS Compliance Testing Laboratory Ltd.

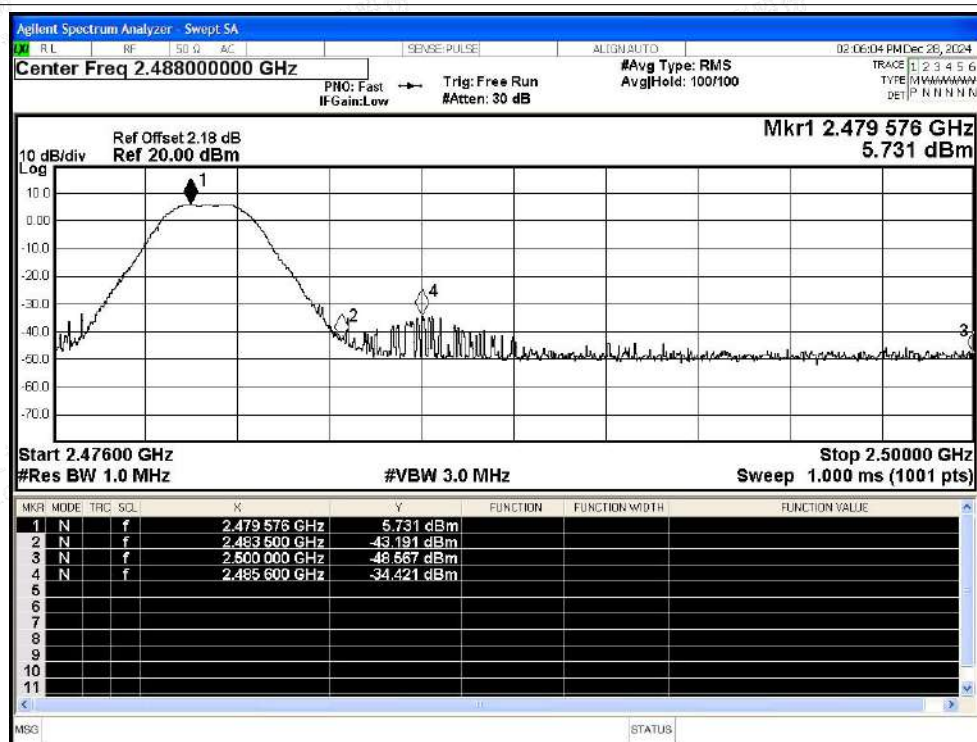
Add: Room 101, 201, Building A and Room 301, Building C, Juji Industrial Park, Yabianxueziwei, Shajing Street, Bao'an District, Shenzhen, Guangdong, China

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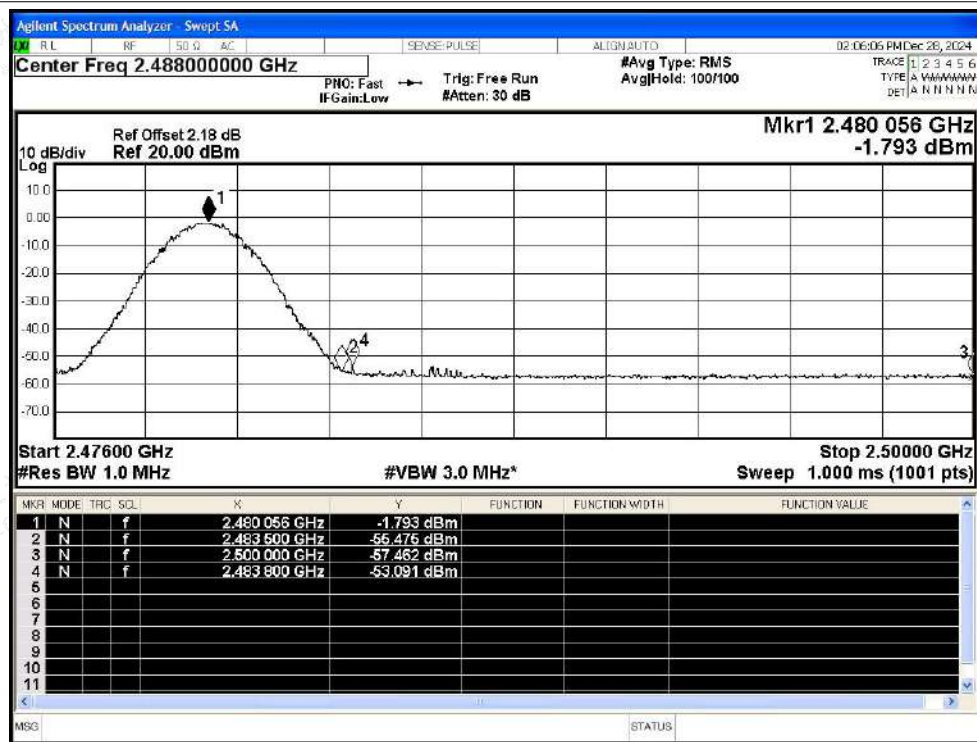
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Restrict Band NVNT BLE 2M 2480MHz Ant1 Peak



Restrict Band NVNT BLE 2M 2480MHz Ant1 Average



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Right ear:

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	-50.01	2	-	47.25	Peak	74	Pass
NVNT	BLE 1M	2402	Ant1	2310	-58.39	2	3	41.87	Average	54	Pass
NVNT	BLE 1M	2402	Ant1	2371.248	-43.77	2	-	53.49	Peak	74	Pass
NVNT	BLE 1M	2402	Ant1	2354.16	-55.86	2	3	44.4	Average	54	Pass
NVNT	BLE 1M	2402	Ant1	2390	-48.65	2	-	48.61	Peak	74	Pass
NVNT	BLE 1M	2402	Ant1	2390	-57.33	2	3	42.93	Average	54	Pass
NVNT	BLE 1M	2480	Ant1	2483.5	-38.92	2	-	58.34	Peak	74	Pass
NVNT	BLE 1M	2480	Ant1	2483.5	-55.05	2	3.17	45.38	Average	54	Pass
NVNT	BLE 1M	2480	Ant1	2483.512	-38.92	2	-	58.34	Peak	74	Pass
NVNT	BLE 1M	2480	Ant1	2483.584	-54.96	2	3.17	45.47	Average	54	Pass
NVNT	BLE 1M	2480	Ant1	2500	-47.36	2	-	49.9	Peak	74	Pass
NVNT	BLE 1M	2480	Ant1	2500	-56.97	2	3.17	43.46	Average	54	Pass
NVNT	BLE 2M	2402	Ant1	2310	-51.7	2	-	45.56	Peak	74	Pass
NVNT	BLE 2M	2402	Ant1	2310	-58.87	2	5.68	44.07	Average	54	Pass
NVNT	BLE 2M	2402	Ant1	2387.184	-44.8	2	-	52.46	Peak	74	Pass
NVNT	BLE 2M	2402	Ant1	2357.136	-56.36	2	5.68	46.58	Average	54	Pass
NVNT	BLE 2M	2402	Ant1	2390	-47.99	2	-	49.27	Peak	74	Pass
NVNT	BLE 2M	2402	Ant1	2390	-57.84	2	5.68	45.1	Average	54	Pass
NVNT	BLE 2M	2480	Ant1	2483.5	-43.2	2	-	54.06	Peak	74	Pass
NVNT	BLE 2M	2480	Ant1	2483.5	-53.06	2	5.68	49.88	Average	54	Pass
NVNT	BLE 2M	2480	Ant1	2485.84	-34.38	2	-	62.88	Peak	74	Pass
NVNT	BLE 2M	2480	Ant1	2483.512	-53.06	2	5.68	49.88	Average	54	Pass
NVNT	BLE 2M	2480	Ant1	2500	-49.97	2	-	47.29	Peak	74	Pass
NVNT	BLE 2M	2480	Ant1	2500	-57.42	2	5.68	45.52	Average	54	Pass



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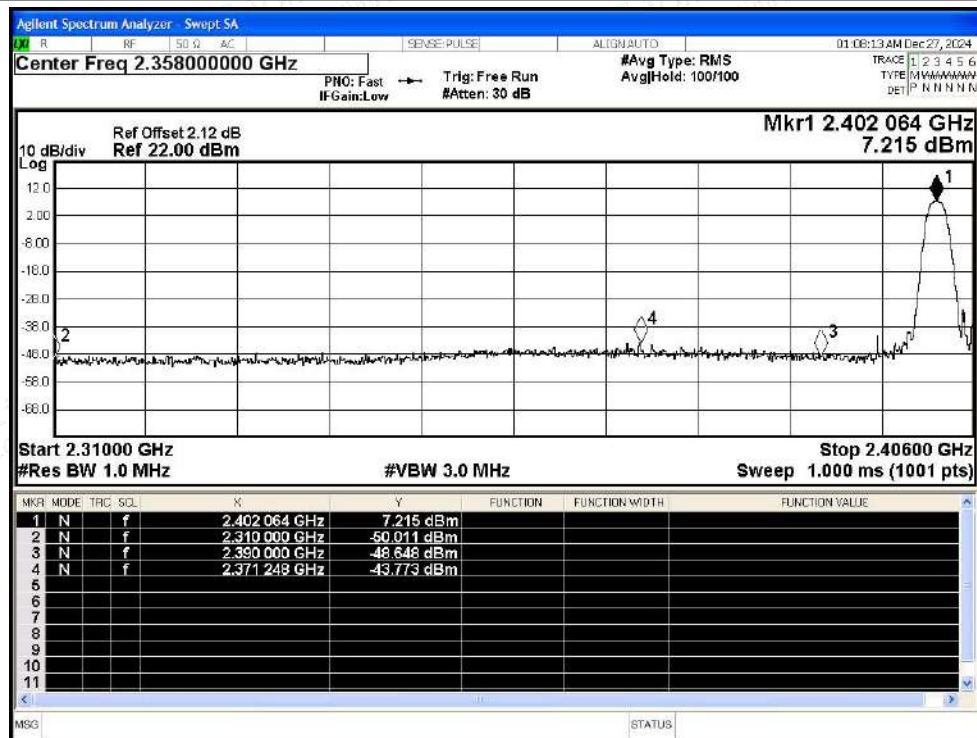
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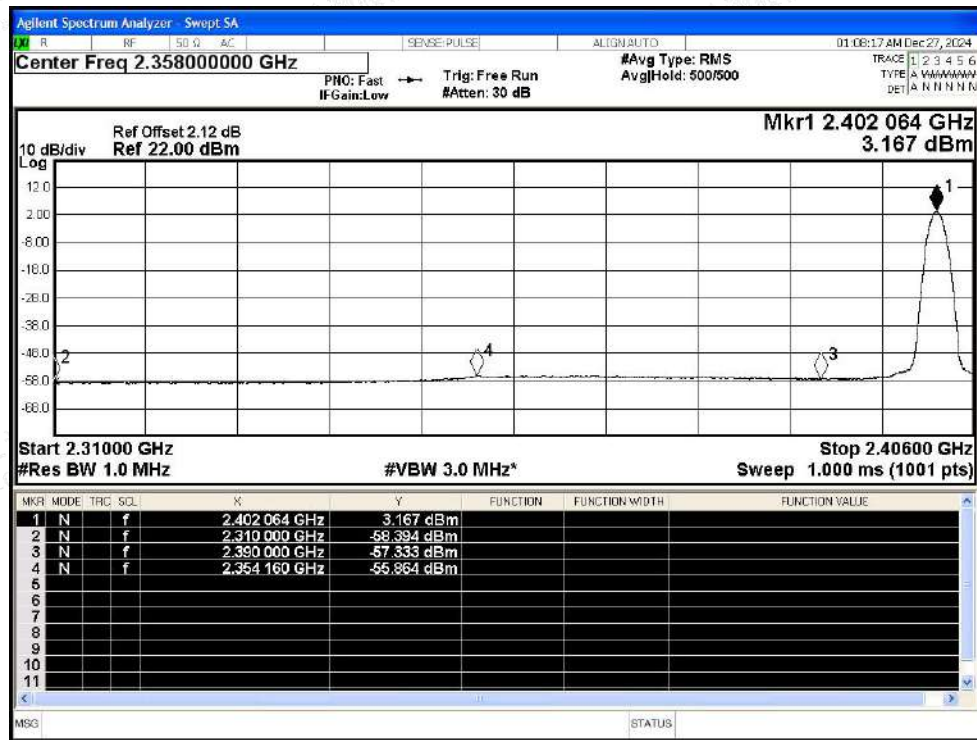


Test Graphs

Restrict Band NVNT BLE 1M 2402MHz Ant1 Peak



Restrict Band NVNT BLE 1M 2402MHz Ant1 Average



Shenzhen LCS Compliance Testing Laboratory Ltd.

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[illegible]

Agilent Spectrum Analyzer - Swept SA

Center Freq 2.488000000 GHz

Ref Offset: 2.18 dB
Ref 20.00 dBm

Mkr1 2.480 008 GHz
2.920 dBm

Start 2.47600 GHz
#Res BW 1.0 MHz

Stop 2.50000 GHz
Sweep 1.000 ms (1001 pts)

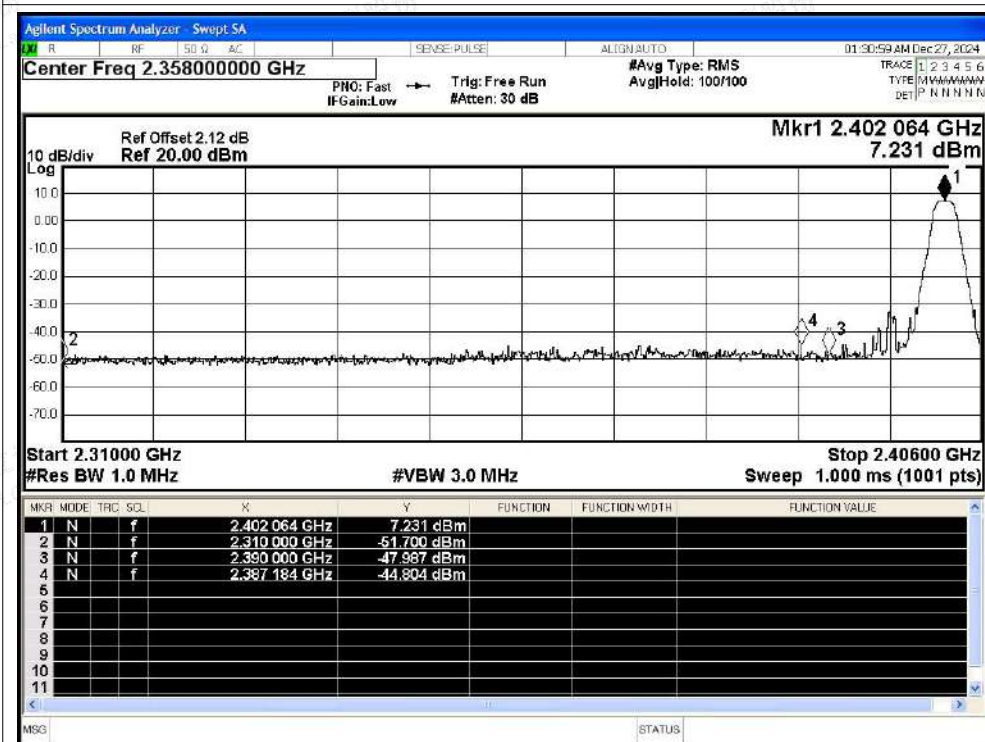
#VBW 3.0 MHz*

MKR	MODE	TRC	SOL	X	Y	FUNCTION	FUNCTION WIDTH	FUNCTION VALUE
1	N	f		2.480 008 GHz	2.920 dBm			
2	N	f		2.483 500 GHz	-56.046 dBm			
3	N	f		2.500 000 GHz	-56.970 dBm			
4	N	f		2.483 584 GHz	-54.962 dBm			

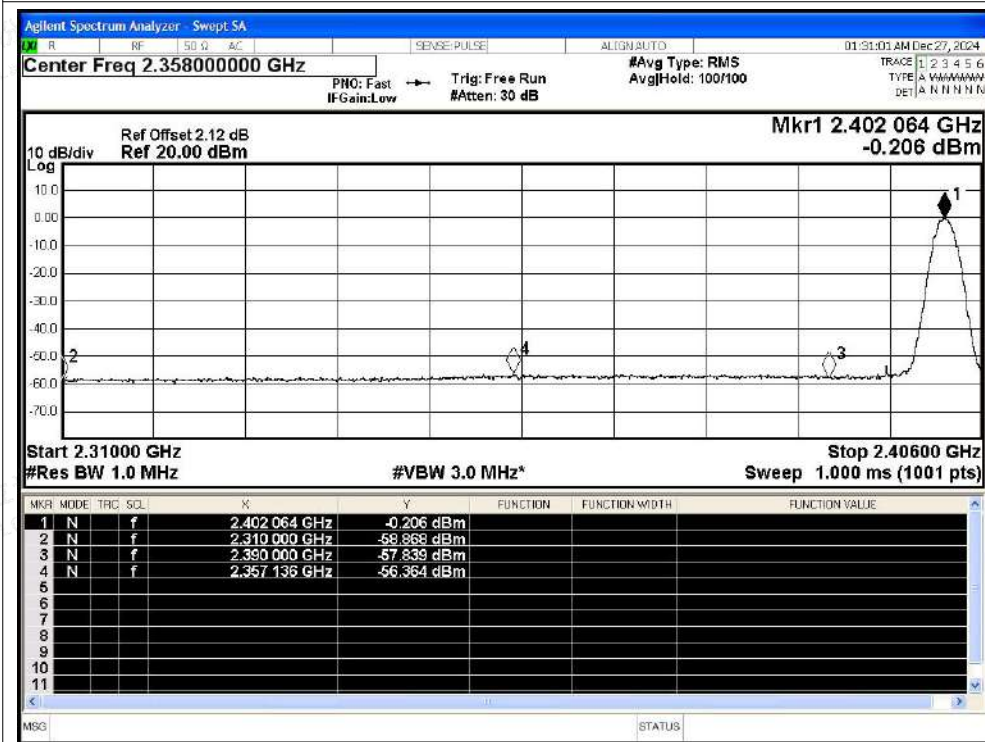




Restrict Band NVNT BLE 2M 2402MHz Ant1 Peak



Restrict Band NVNT BLE 2M 2402MHz Ant1 Average



Shenzhen LCS Compliance Testing Laboratory Ltd.

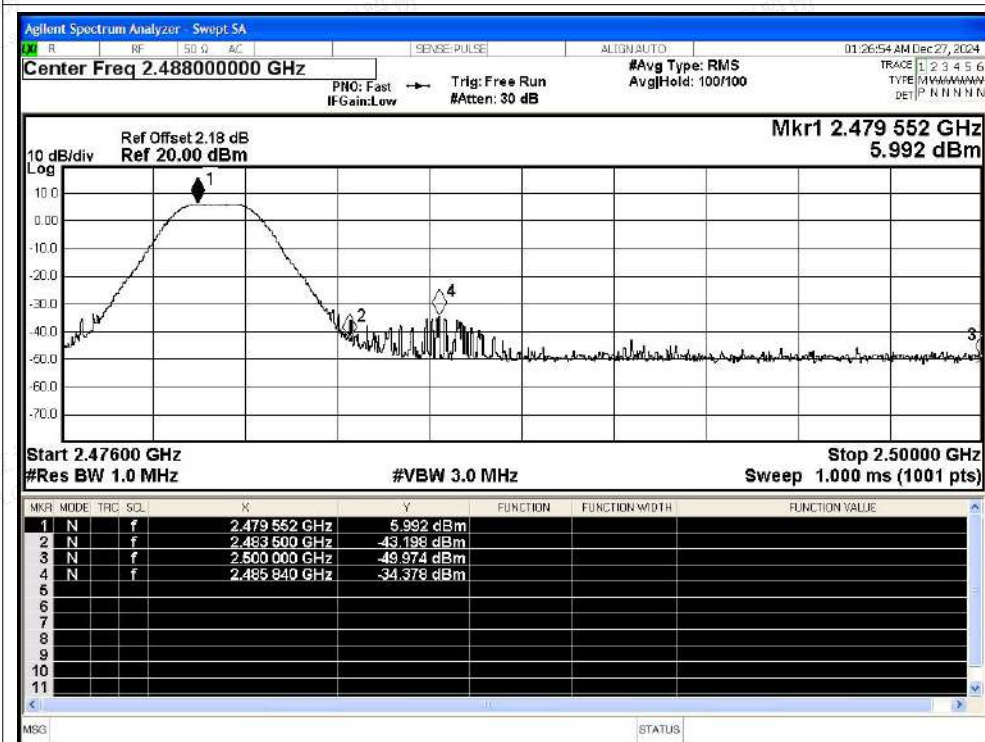
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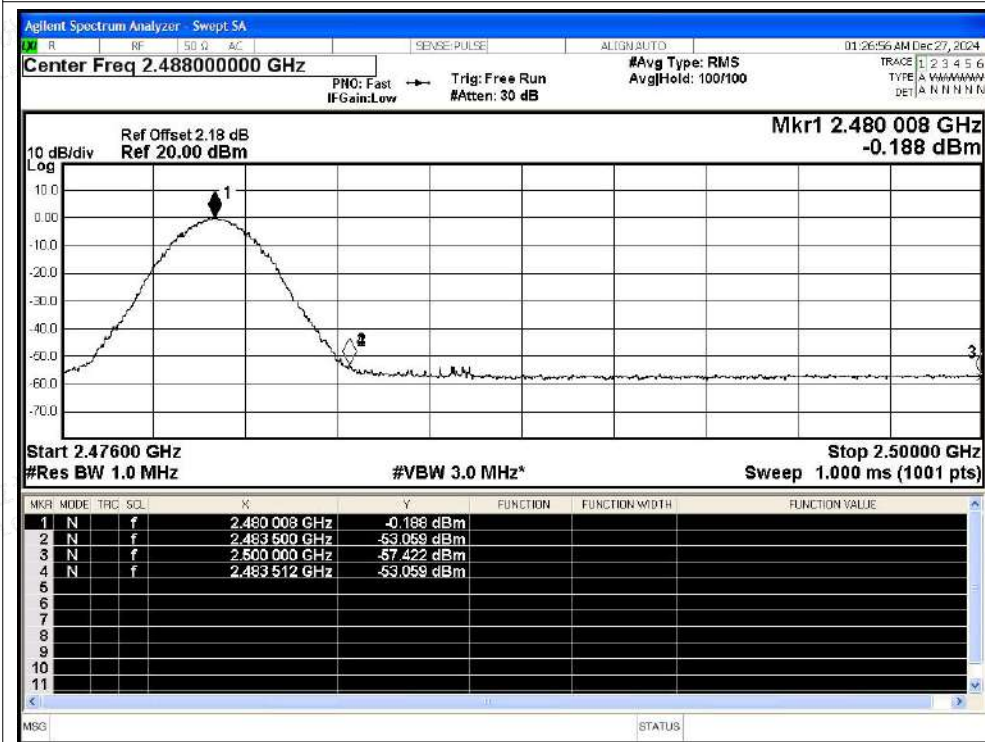
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Restrict Band NVNT BLE 2M 2480MHz Ant1 Peak



Restrict Band NVNT BLE 2M 2480MHz Ant1 Average



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