



Appendix A

RF Test Data for 2.4G WIFI (Conducted Measurement)

Product Name: AOSU Wi-Fi HomeBase

Test Model: H1L

Environmental Conditions

Temperature:	22.4℃
Relative Humidity:	53.6%
ATM Pressure:	100.0 kPa
Test Engineer:	 Jack Cheng
Supervised by:	 Li Huan



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A.1 -6dB Bandwidth

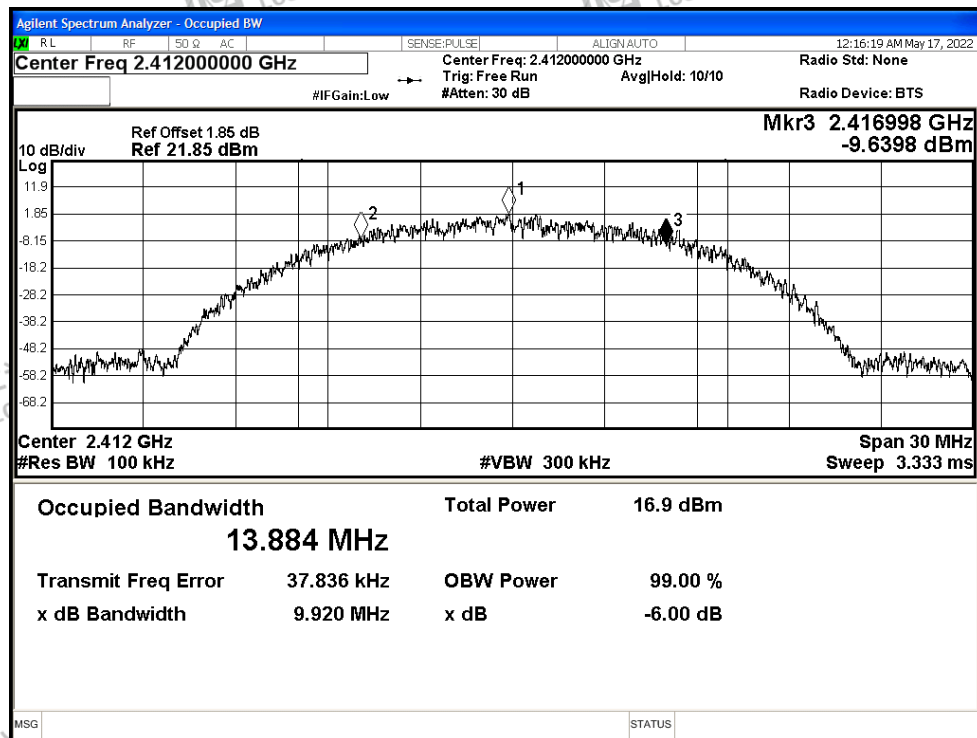
Condition	Mode	Frequency (MHz)	Antenna	-6 dB Bandwidth (MHz)	Limit -6 dB Bandwidth (MHz)	Verdict
NVNT	b	2412	Ant0	9.92	0.5	Pass
NVNT	b	2437	Ant0	8.667	0.5	Pass
NVNT	b	2462	Ant0	8.378	0.5	Pass
NVNT	g	2412	Ant0	15.111	0.5	Pass
NVNT	g	2437	Ant0	15.659	0.5	Pass
NVNT	g	2462	Ant0	16.357	0.5	Pass
NVNT	n20	2412	Ant0	16.64	0.5	Pass
NVNT	n20	2437	Ant0	15.827	0.5	Pass
NVNT	n20	2462	Ant0	16.959	0.5	Pass



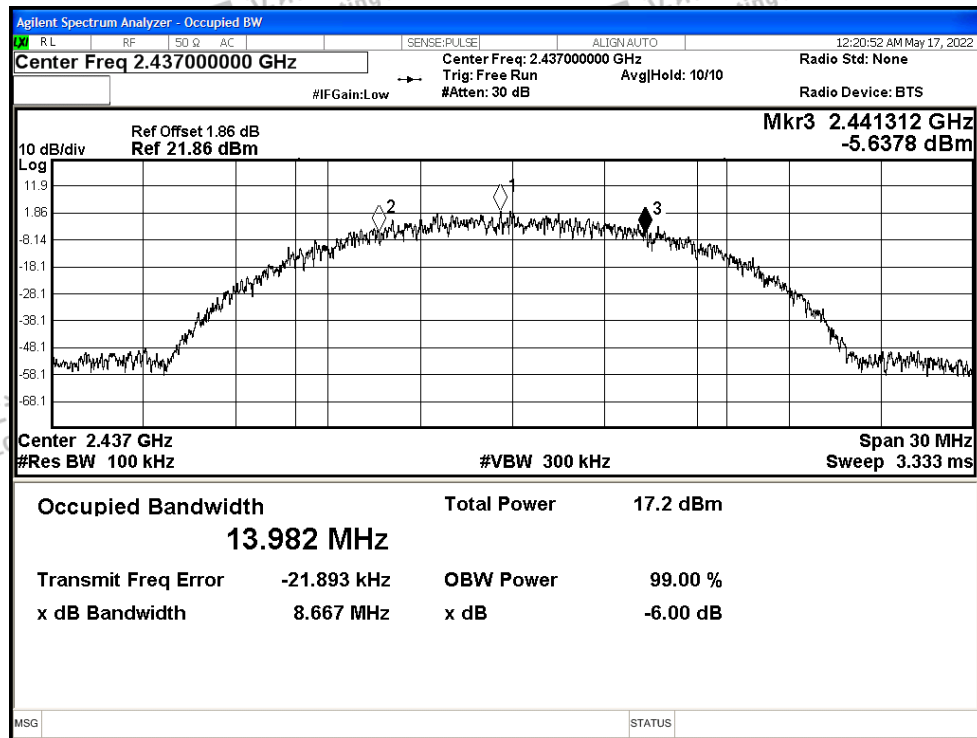


Test Graphs

-6dB Bandwidth NVNT b 2412MHz Ant0



-6dB Bandwidth NVNT b 2437MHz Ant0



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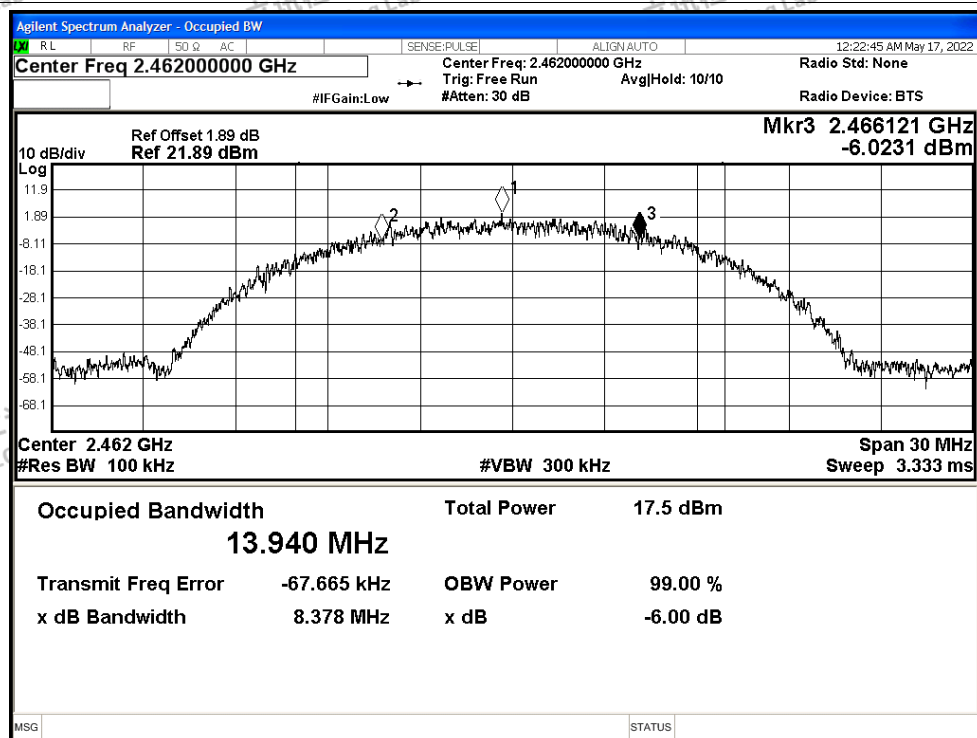
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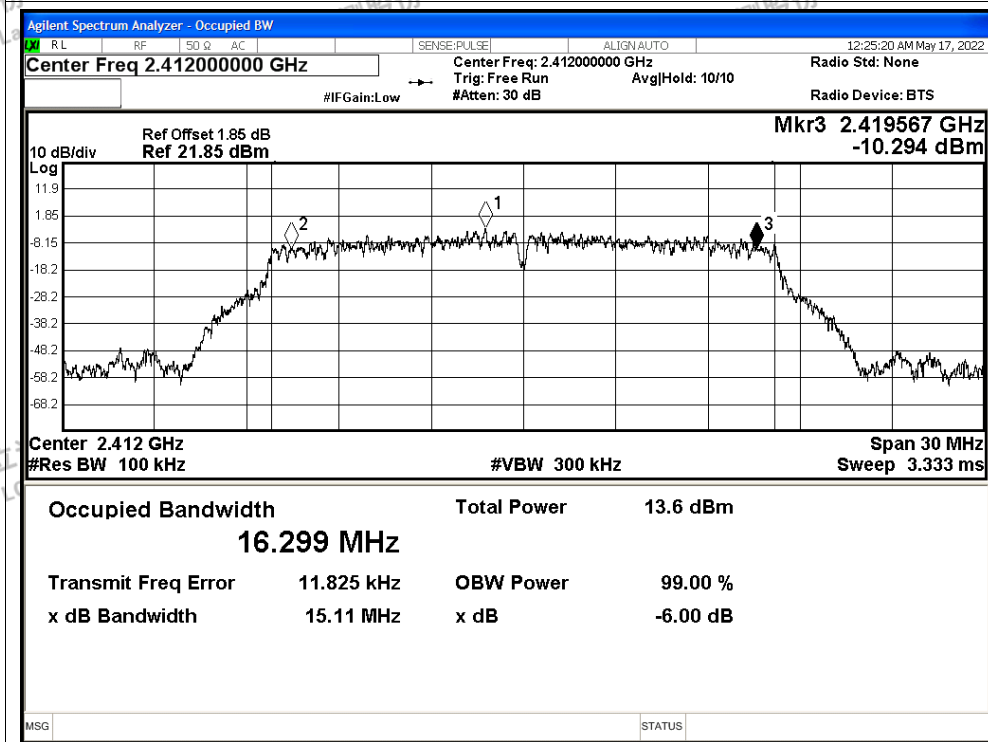
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-6dB Bandwidth NVNT b 2462MHz Ant0



-6dB Bandwidth NVNT g 2412MHz Ant0



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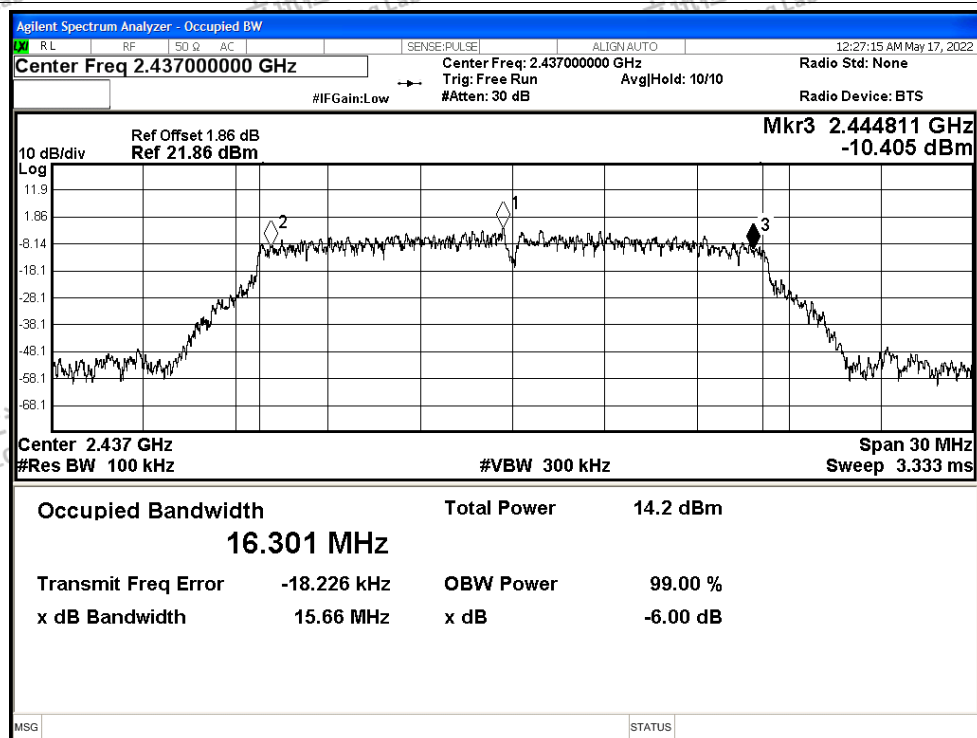
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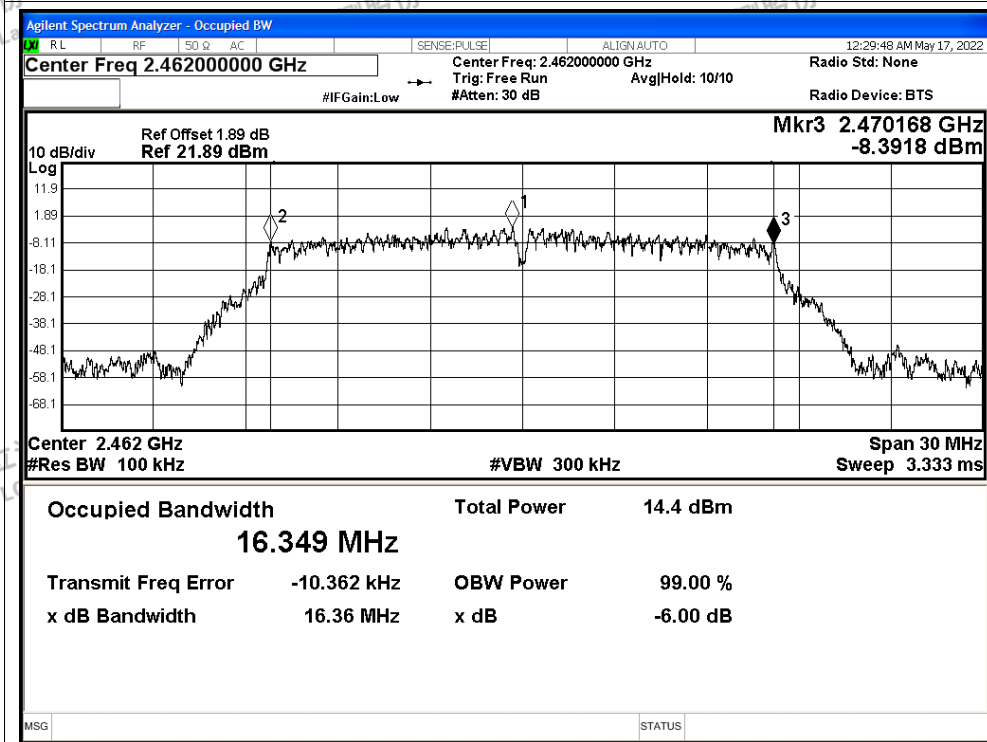
Scan code to check authenticity



-6dB Bandwidth NVNT g 2437MHz Ant0



-6dB Bandwidth NVNT g 2462MHz Ant0



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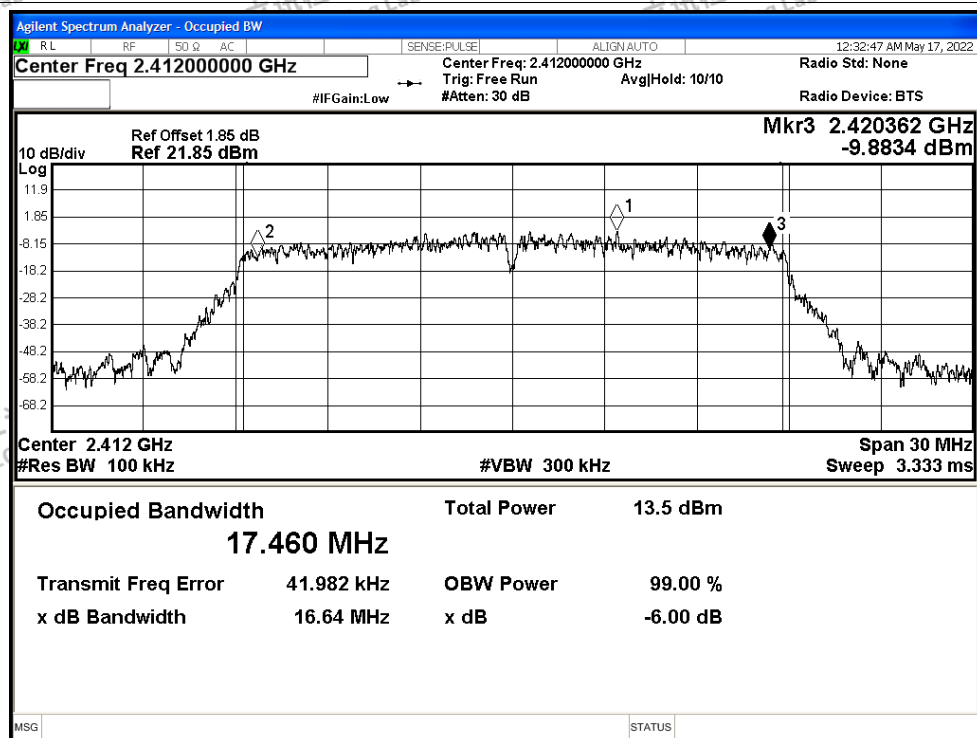
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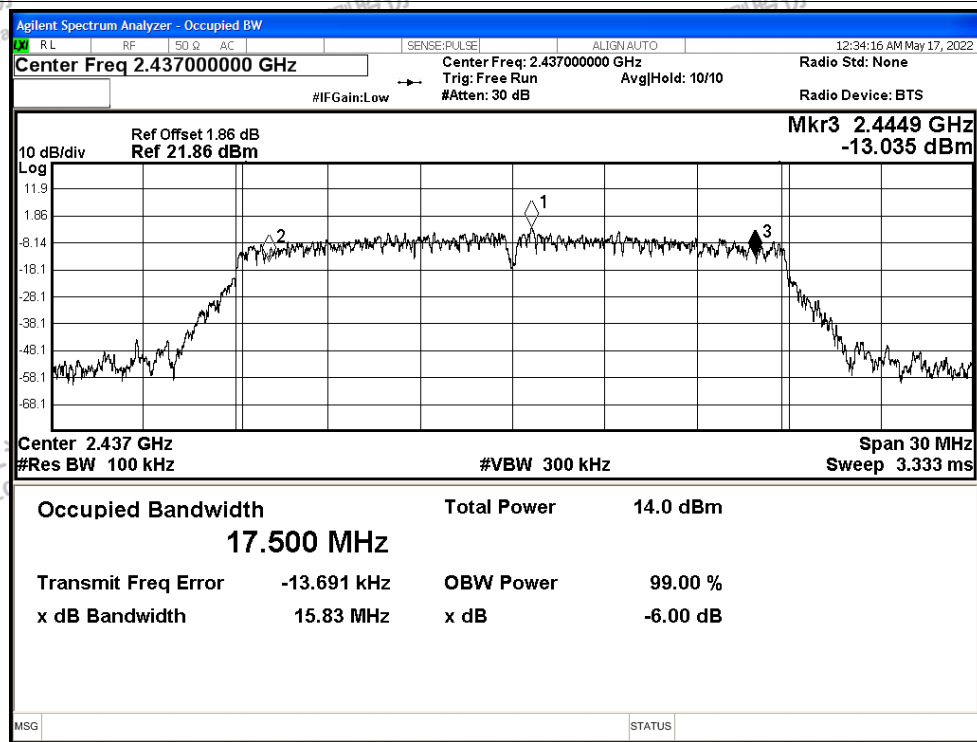
Scan code to check authenticity



-6dB Bandwidth NVNT n20 2412MHz Ant0



-6dB Bandwidth NVNT n20 2437MHz Ant0

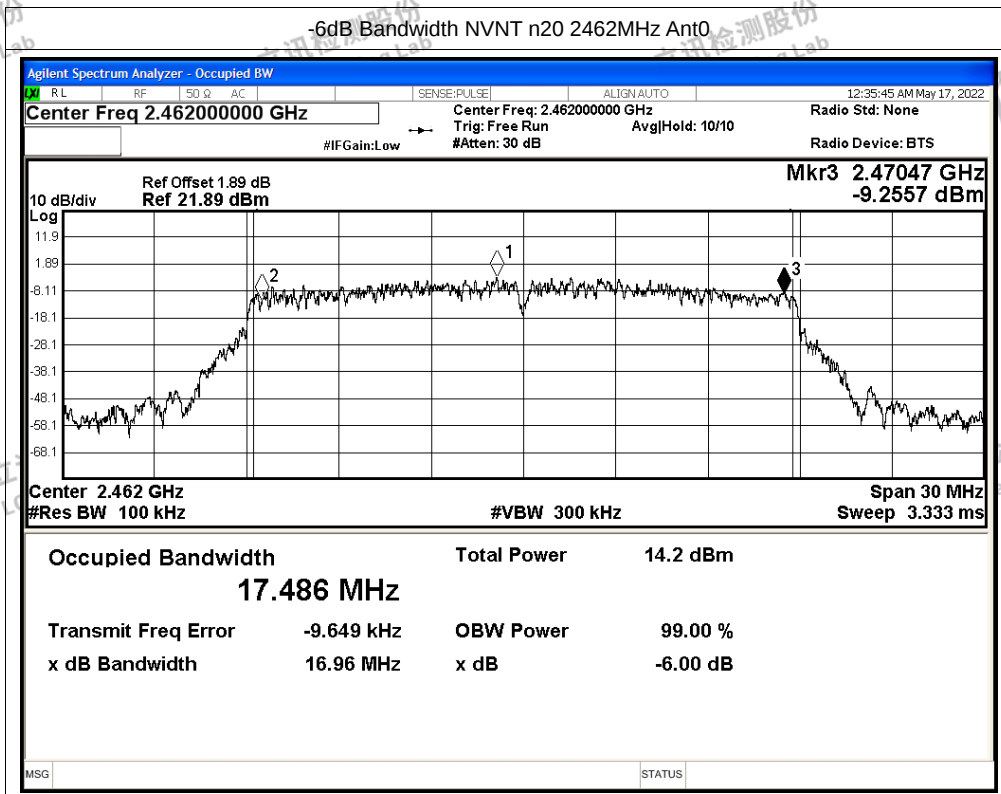


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Condition	Mode	Frequency (MHz)	Antenna	-6 dB Bandwidth (MHz)	Limit -6 dB Bandwidth (MHz)	Verdict
NVNT	b	2412	Ant1	9.405	0.5	Pass
NVNT	b	2437	Ant1	9.069	0.5	Pass
NVNT	b	2462	Ant1	8.783	0.5	Pass
NVNT	g	2412	Ant1	15.609	0.5	Pass
NVNT	g	2437	Ant1	16.067	0.5	Pass
NVNT	g	2462	Ant1	15.878	0.5	Pass
NVNT	n20	2412	Ant1	16.285	0.5	Pass
NVNT	n20	2437	Ant1	17.553	0.5	Pass
NVNT	n20	2462	Ant1	16.873	0.5	Pass

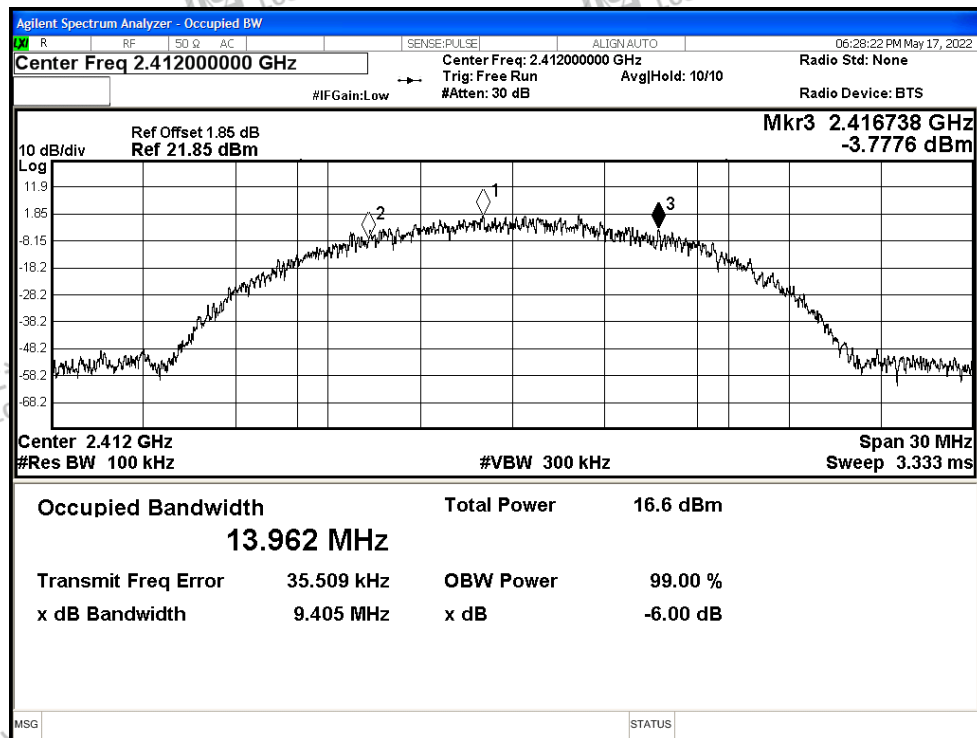


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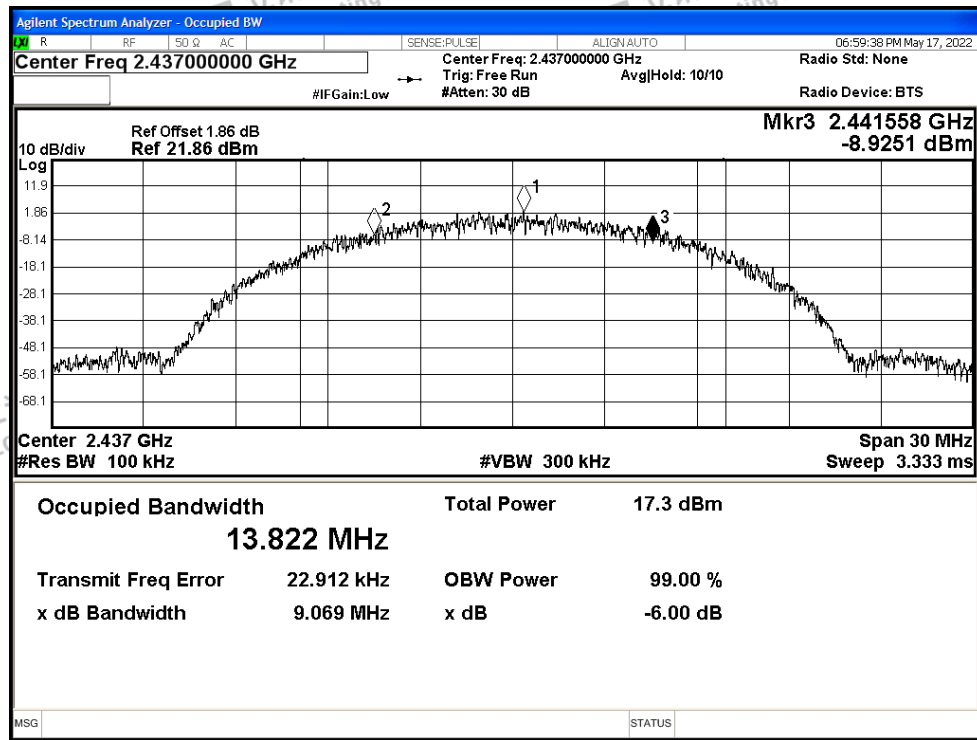


Test Graphs

-6dB Bandwidth NVNT b 2412MHz Ant1



-6dB Bandwidth NVNT b 2437MHz Ant1



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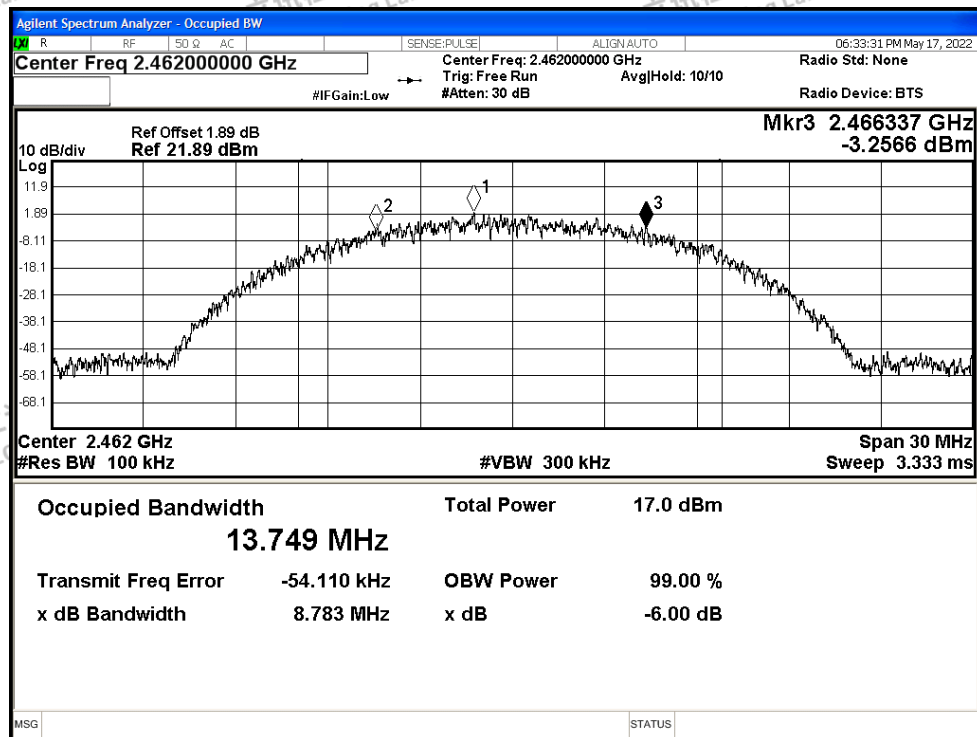
Add: 101, 201 Bldg A & 301 Bldg C, Juji Industrial Park Yabianxueziwei, Shajing Street, Baoan District, Shenzhen, 518000, China

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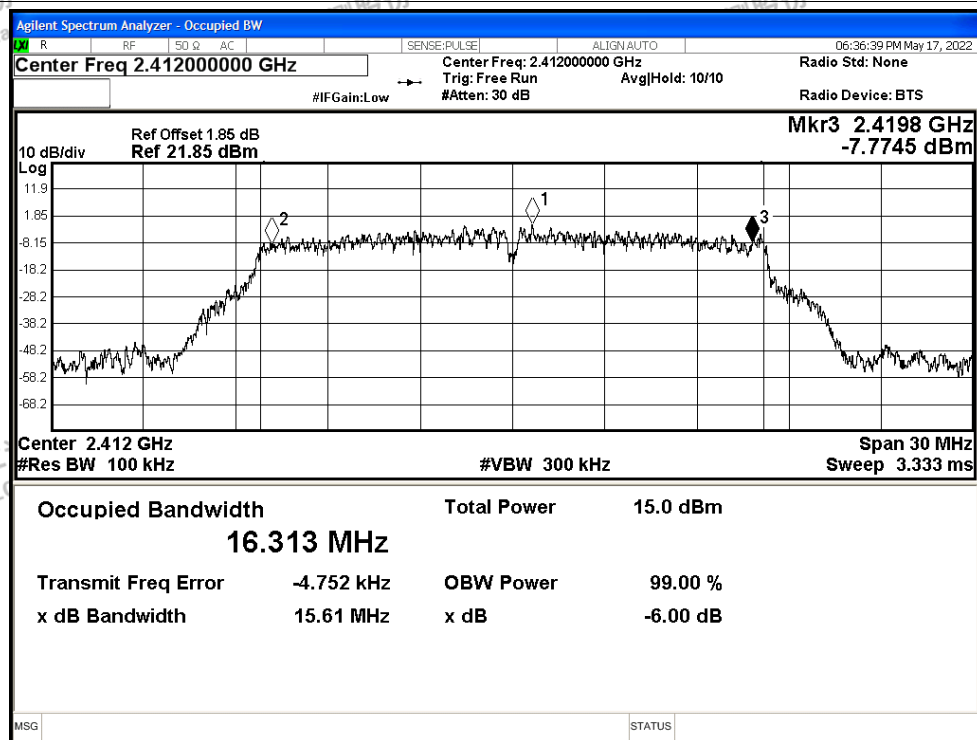
Scan code to check authenticity



-6dB Bandwidth NVNT b 2462MHz Ant1



-6dB Bandwidth NVNT g 2412MHz Ant1



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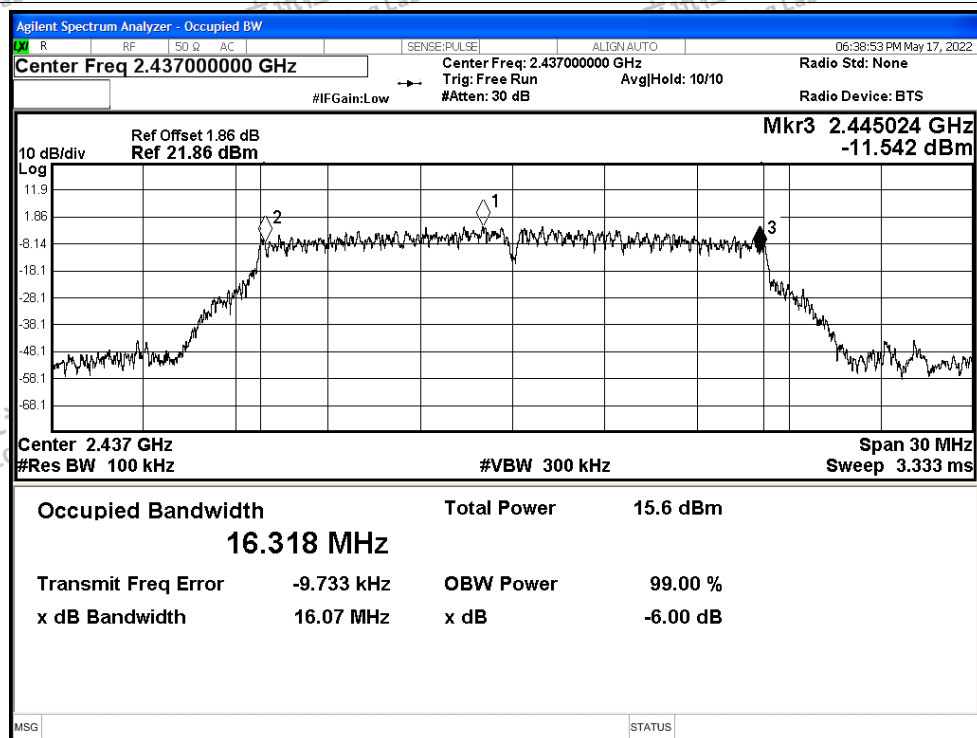
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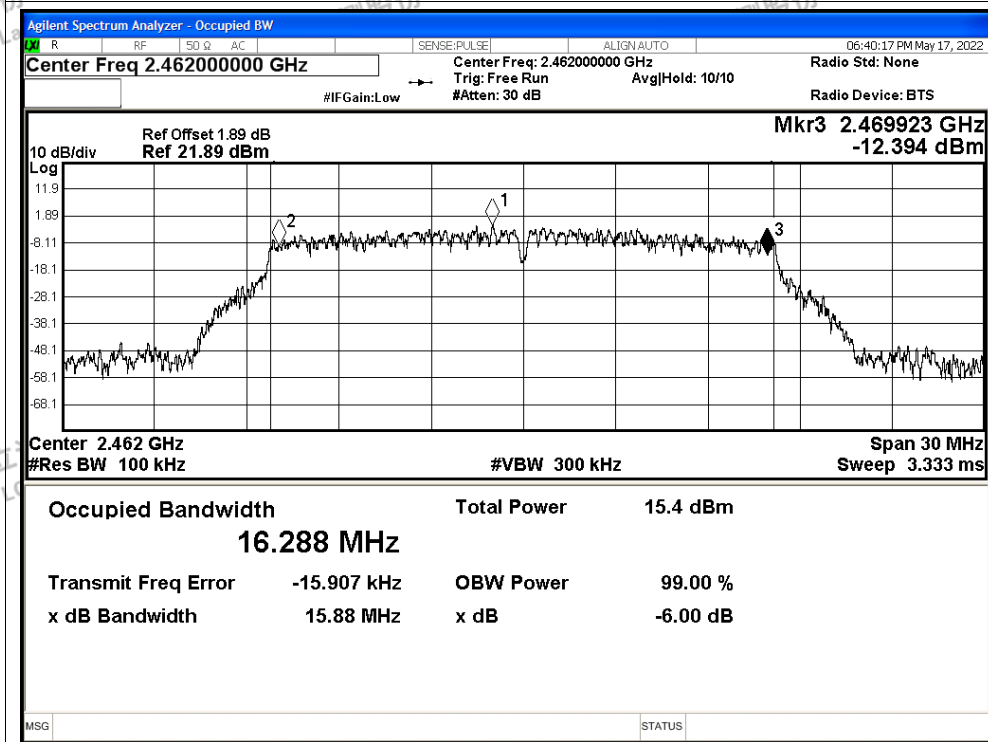
Scan code to check authenticity



-6dB Bandwidth NVNT g 2437MHz Ant1



-6dB Bandwidth NVNT g 2462MHz Ant1



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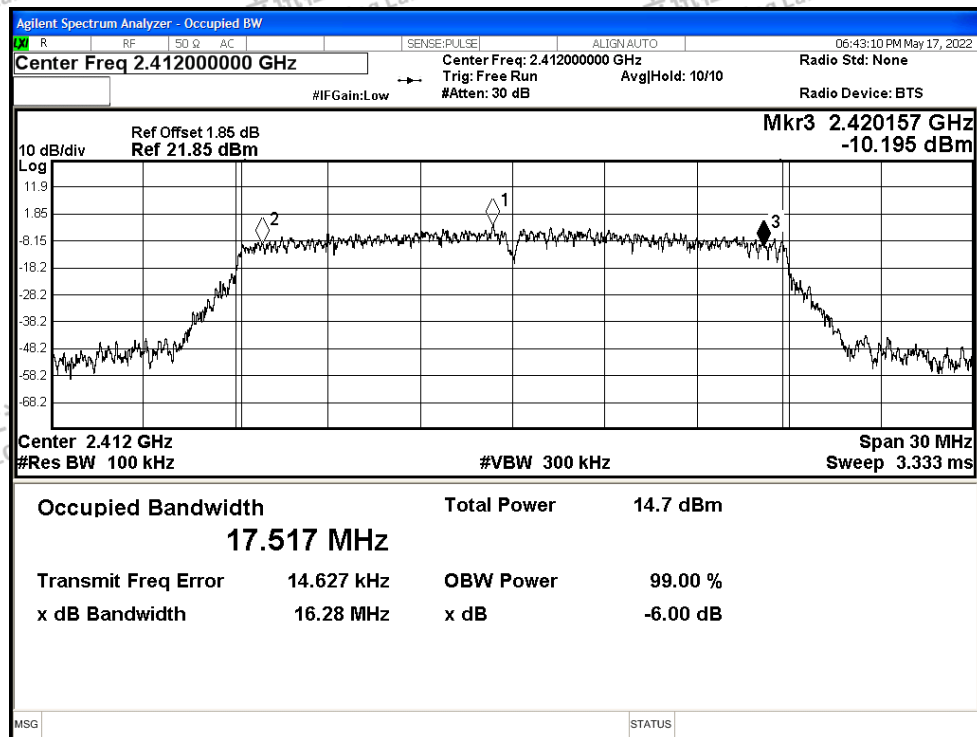
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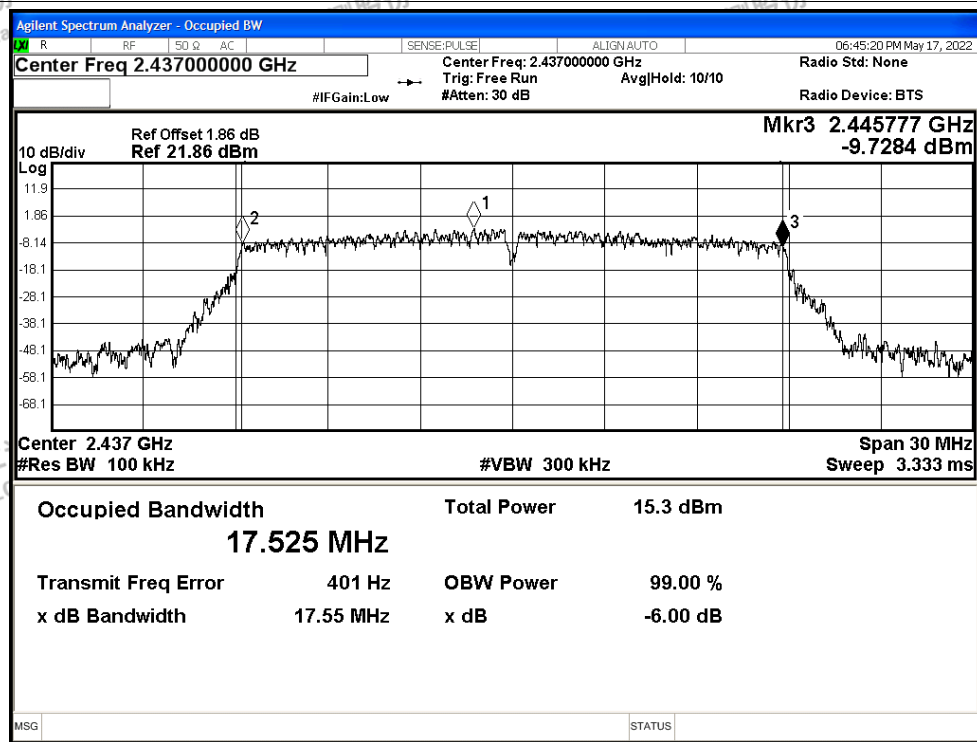
Scan code to check authenticity



-6dB Bandwidth NVNT n20 2412MHz Ant1



-6dB Bandwidth NVNT n20 2437MHz Ant1

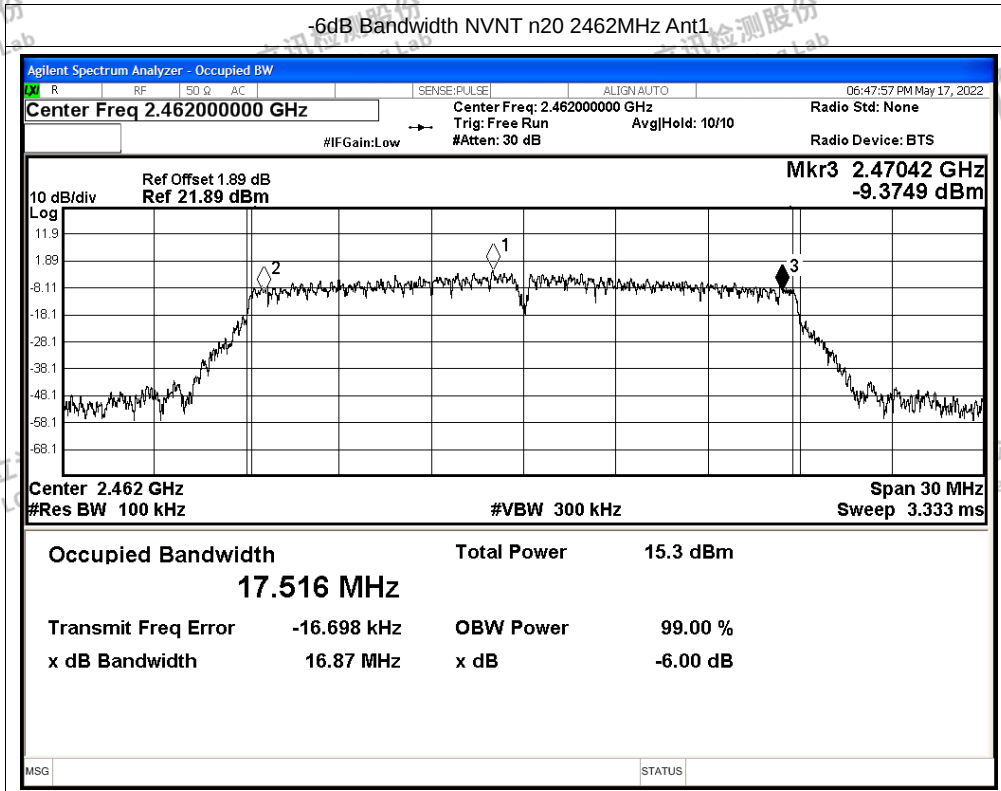


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A.2 Occupied Channel Bandwidth

Condition	Mode	Frequency (MHz)	Antenna	99% OBW (MHz)
NVNT	b	2412	Ant0	13.762
NVNT	b	2437	Ant0	14.135
NVNT	b	2462	Ant0	14.086
NVNT	g	2412	Ant0	16.348
NVNT	g	2437	Ant0	16.301
NVNT	g	2462	Ant0	16.289
NVNT	n20	2412	Ant0	17.543
NVNT	n20	2437	Ant0	17.529
NVNT	n20	2462	Ant0	17.489

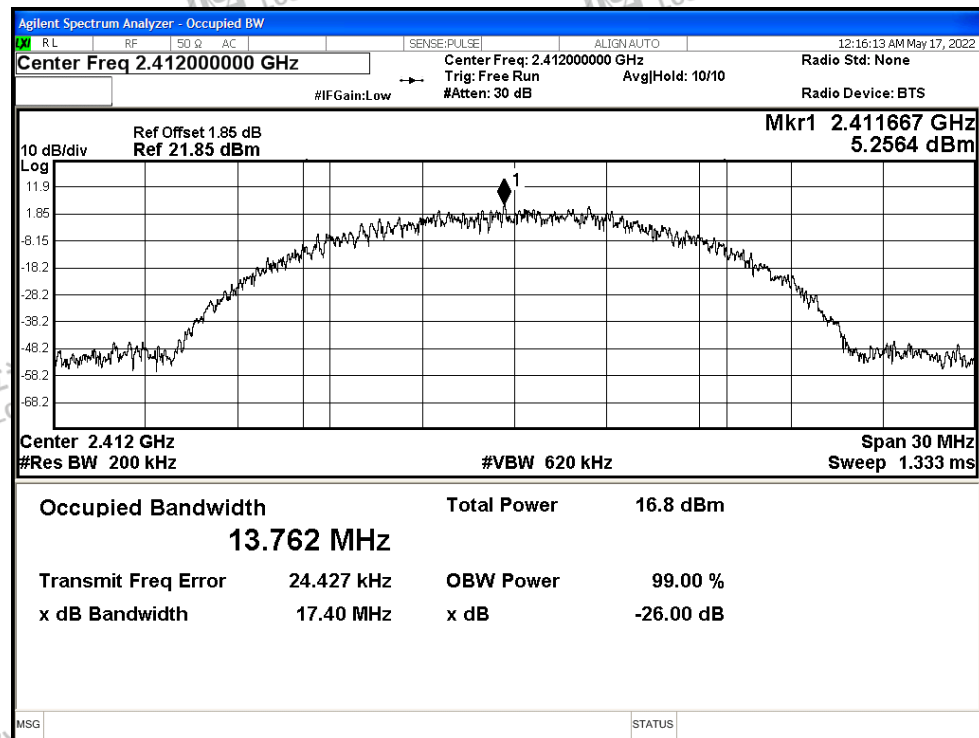


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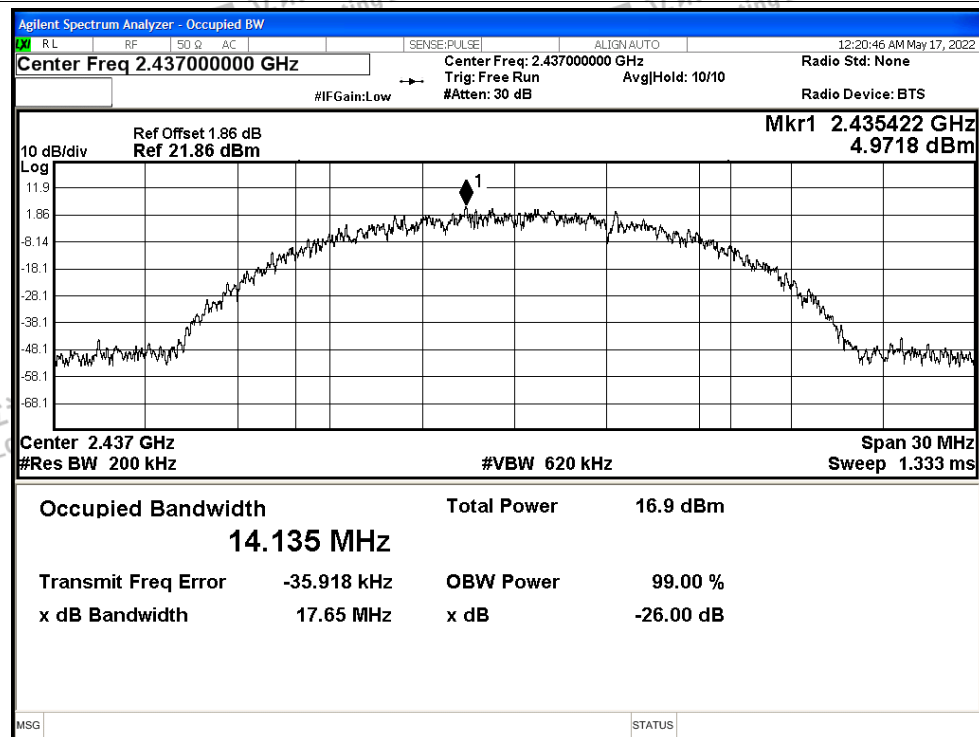


Test Graphs

OBW NVNT b 2412MHz Ant0



OBW NVNT b 2437MHz Ant0



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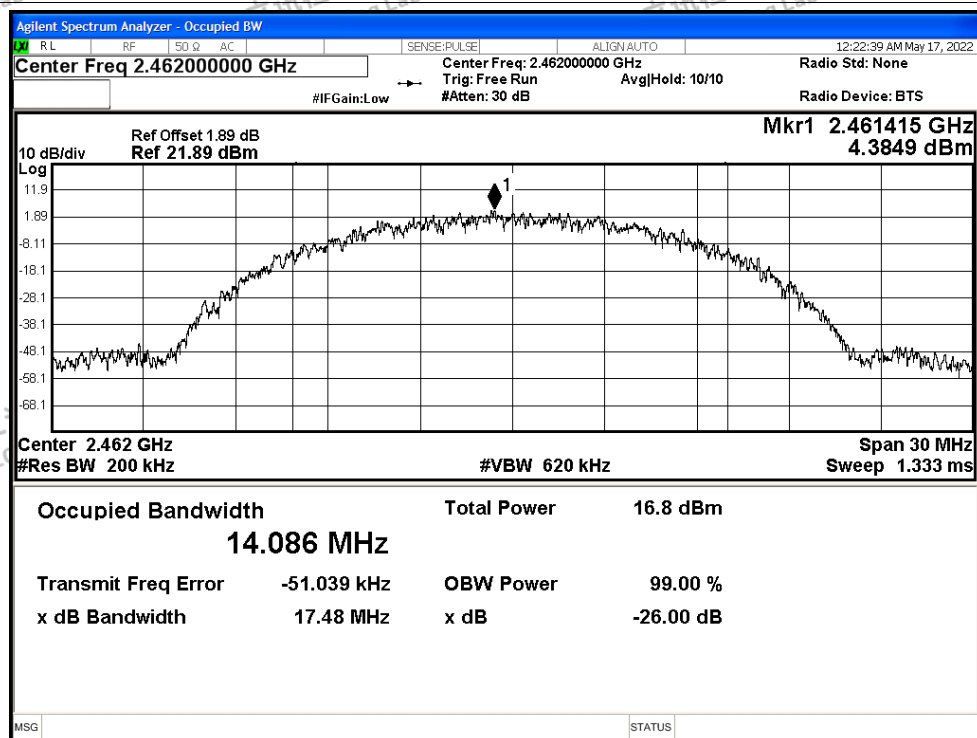
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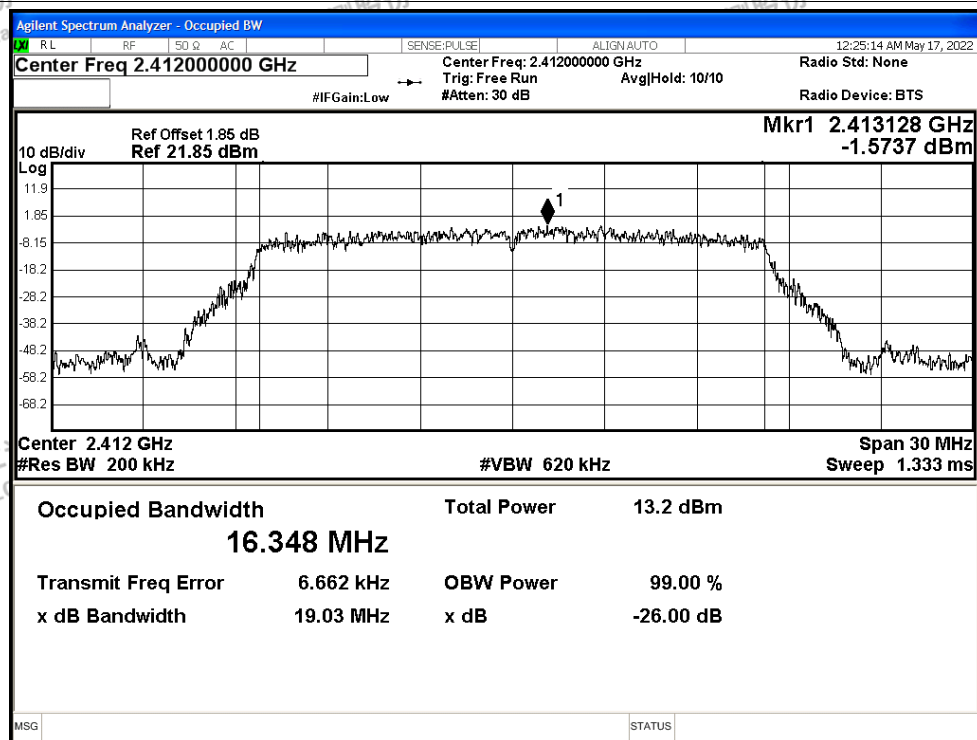
Scan code to check authenticity



OBW NVNT b 2462MHz Ant0



OBW NVNT g 2412MHz Ant0



Shenzhen LCS Compliance Testing Laboratory Ltd.

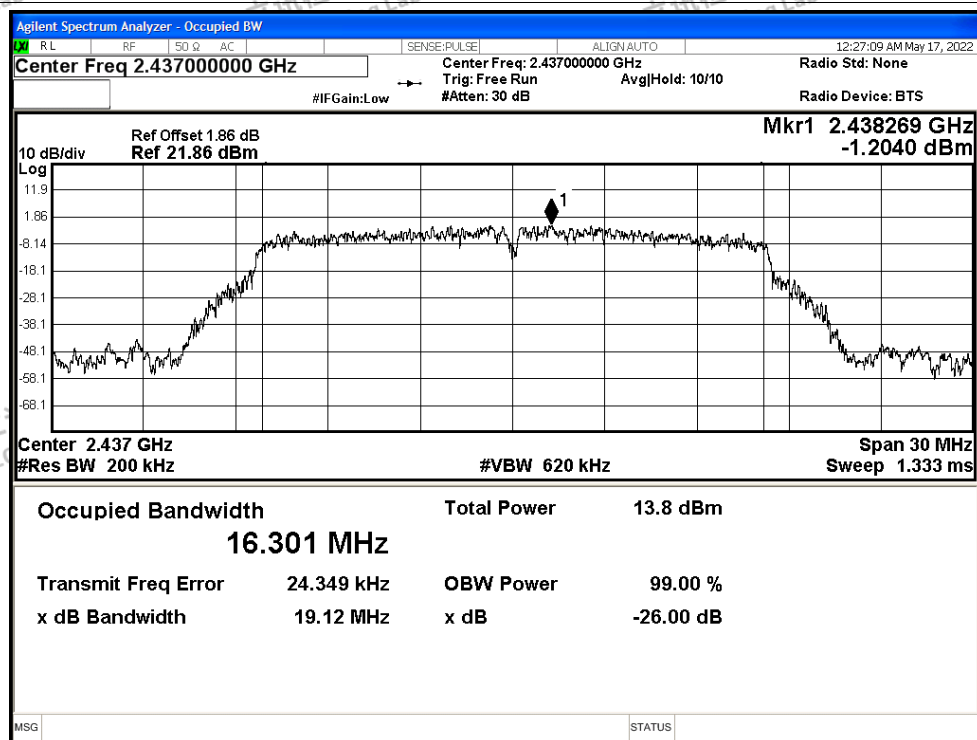
Add: 101, 201 Bldg A & 301 Bldg C, Juji Industrial Park Yabianxueziwei, Shajing Street, Baoan District, Shenzhen, 518000, China

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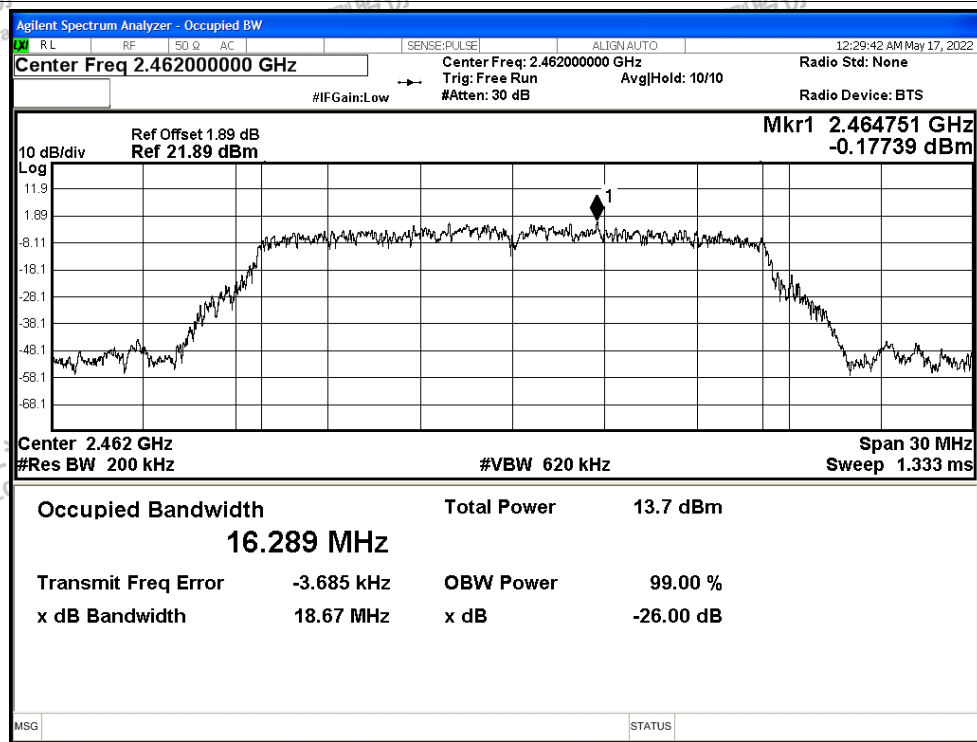
Scan code to check authenticity



OBW NVNT g 2437MHz Ant0



OBW NVNT g 2462MHz Ant0



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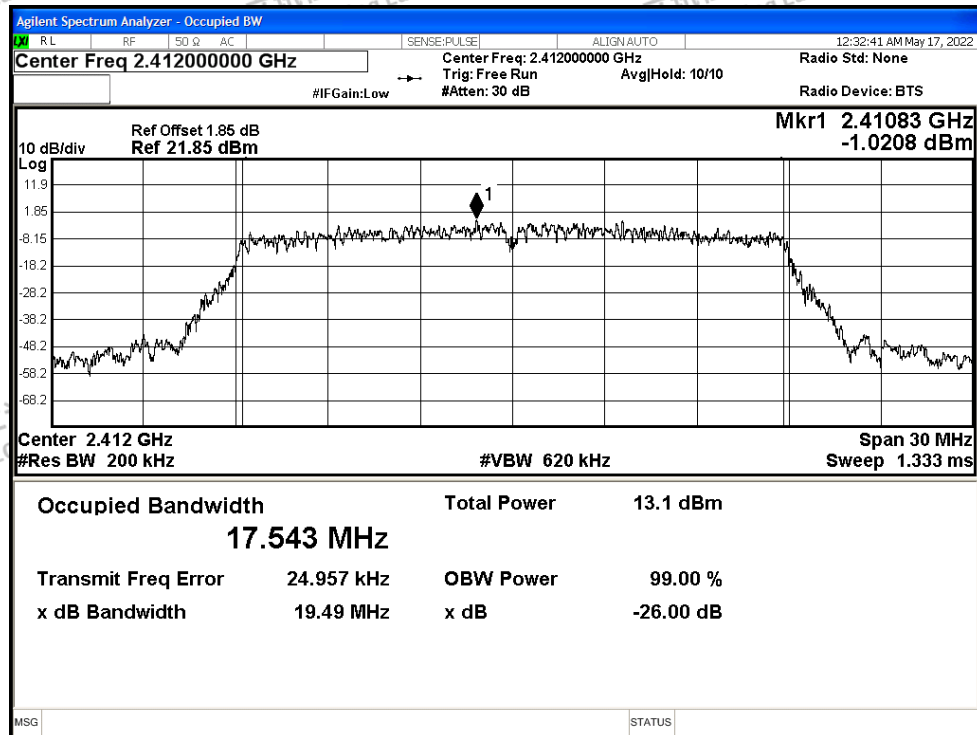
Add: 101, 201 Bldg A & 301 Bldg C, Juji Industrial Park Yabianxueziwei, Shajing Street, Baoan District, Shenzhen, 518000, China

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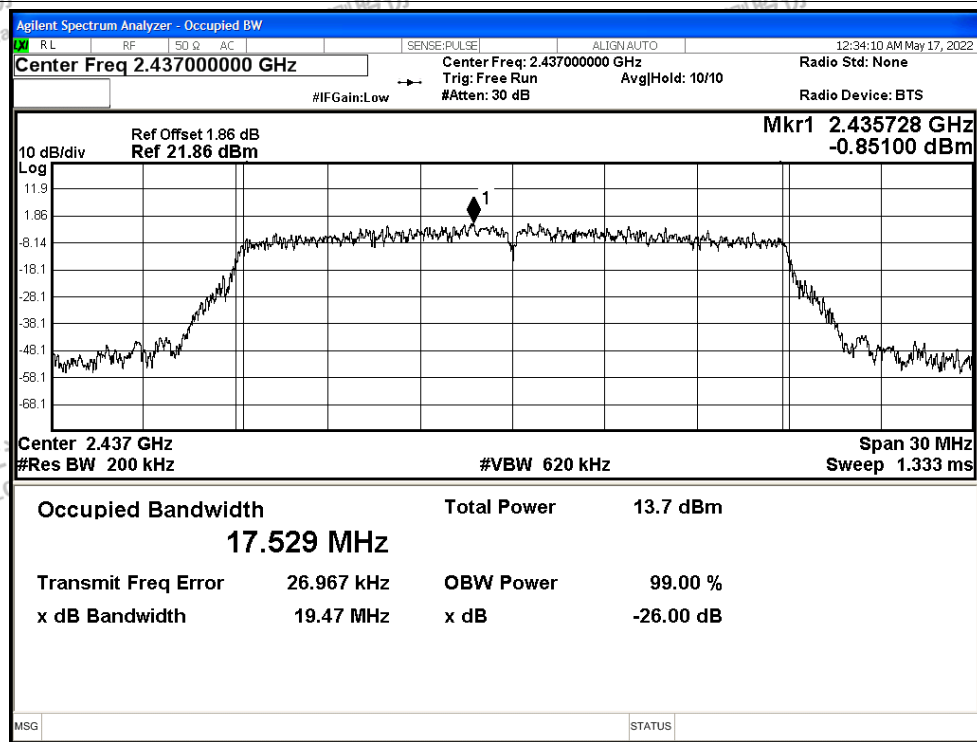
Scan code to check authenticity



OBW NVNT n20 2412MHz Ant0



OBW NVNT n20 2437MHz Ant0

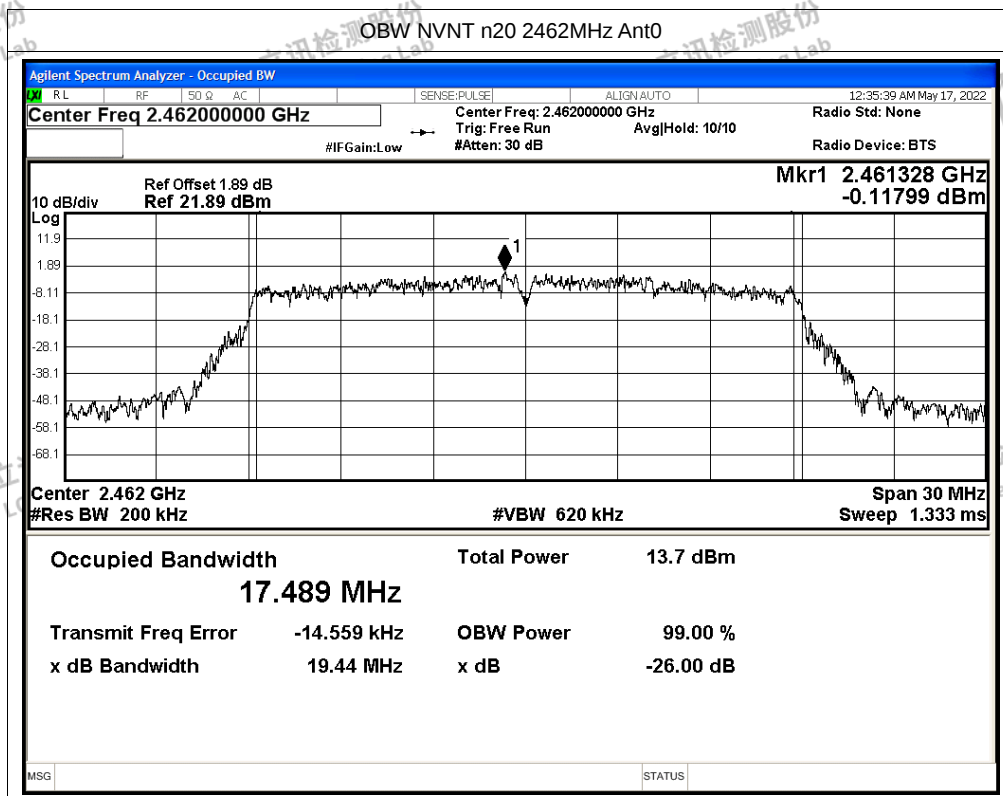


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Condition	Mode	Frequency (MHz)	Antenna	99% OBW (MHz)
NVNT	b	2412	Ant1	14.099
NVNT	b	2437	Ant1	13.935
NVNT	b	2462	Ant1	13.863
NVNT	g	2412	Ant1	16.311
NVNT	g	2437	Ant1	16.357
NVNT	g	2462	Ant1	16.29
NVNT	n20	2412	Ant1	17.503
NVNT	n20	2437	Ant1	17.532
NVNT	n20	2462	Ant1	17.522

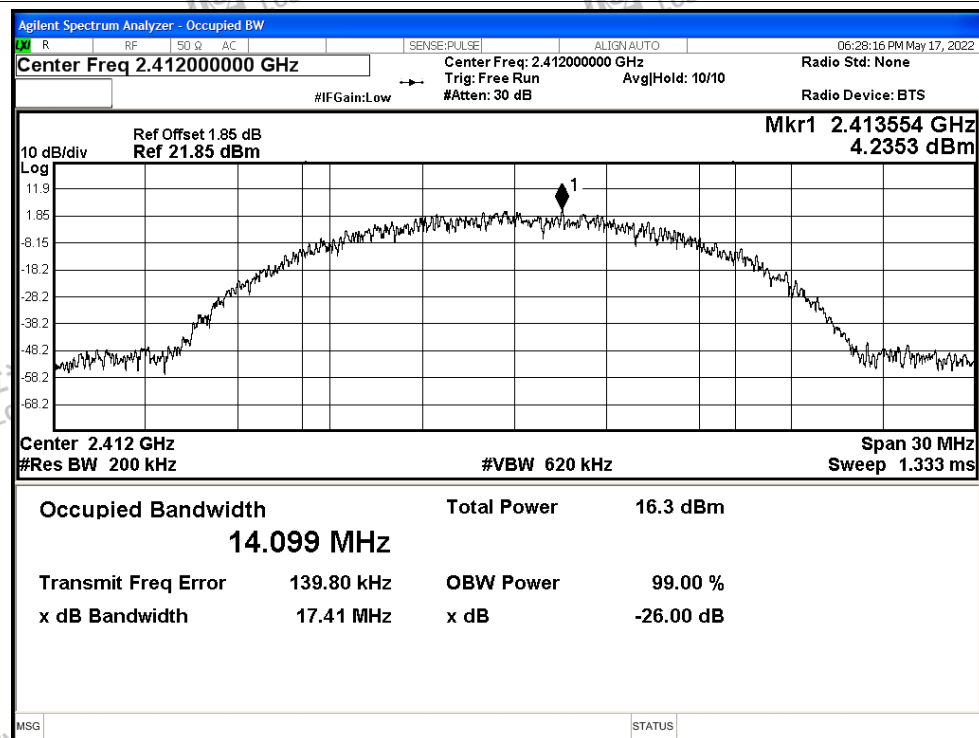


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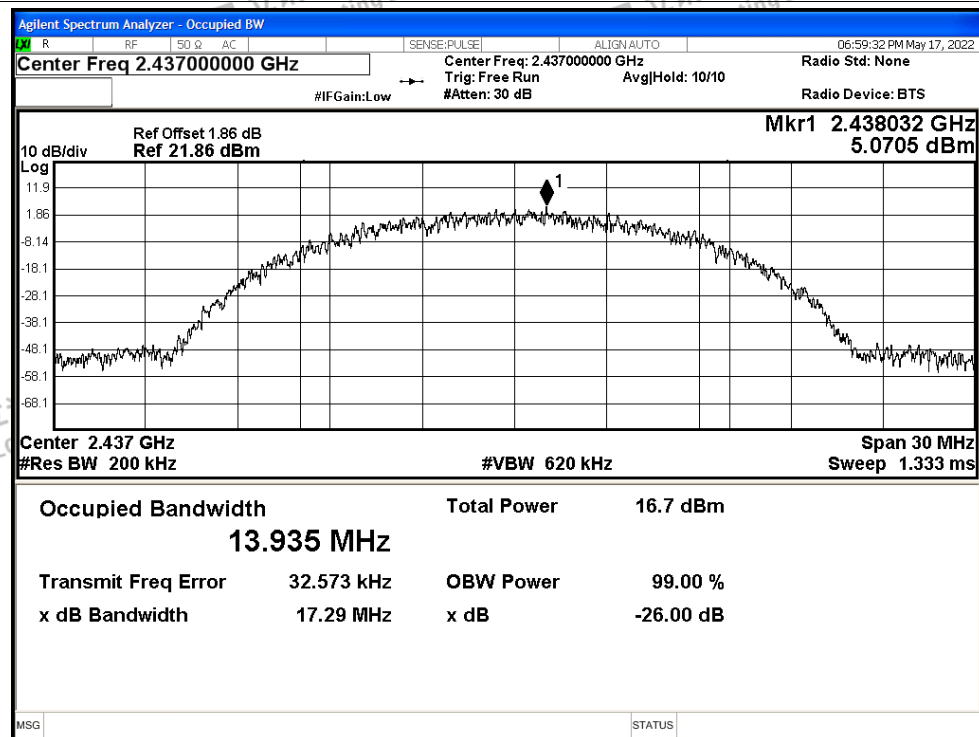


Test Graphs

OBW NVNT b 2412MHz Ant1



OBW NVNT b 2437MHz Ant1



Shenzhen LCS Compliance Testing Laboratory Ltd.

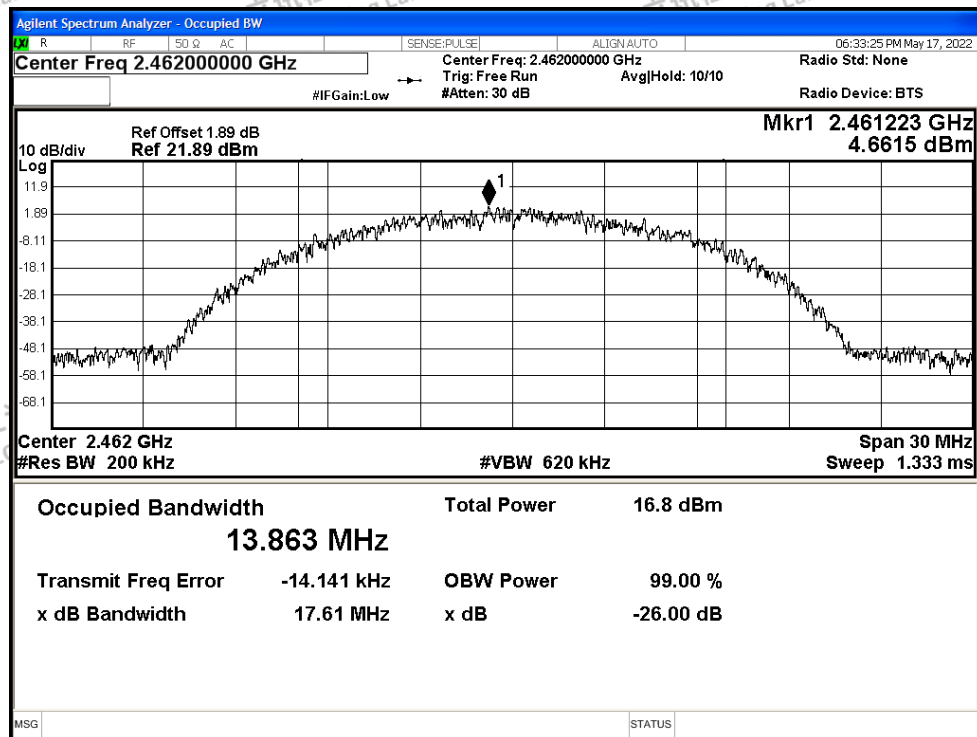
Add: 101, 201 Bldg A & 301 Bldg C, Juji Industrial Park Yabianxueziwei, Shajing Street, Baoan District, Shenzhen, 518000, China

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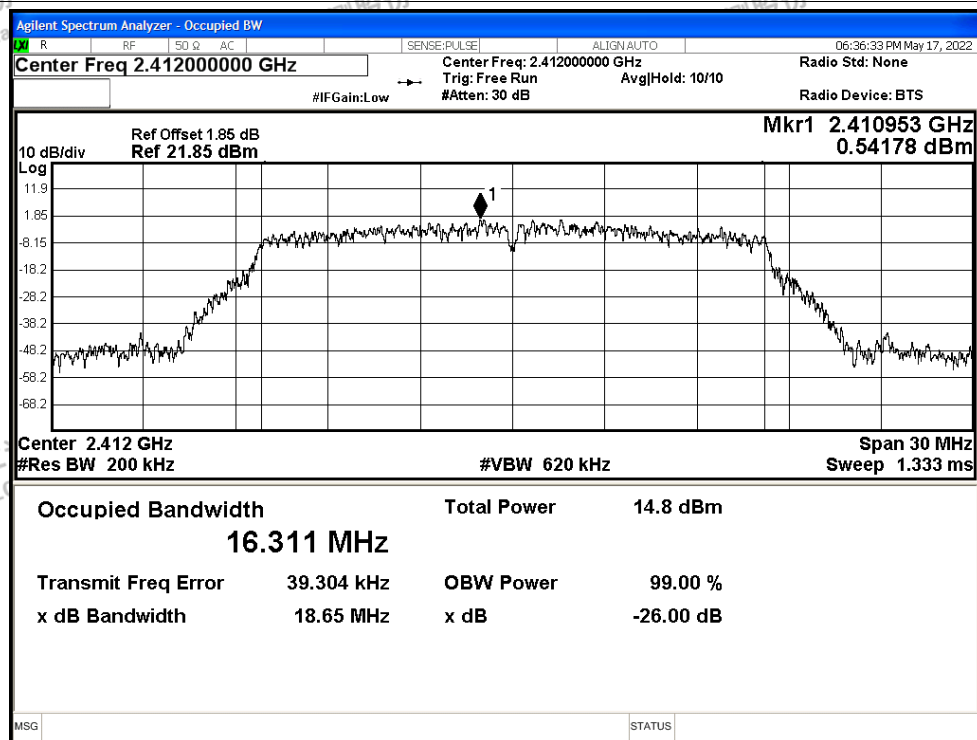
Scan code to check authenticity



OBW NVNT b 2462MHz Ant1



OBW NVNT g 2412MHz Ant1



Shenzhen LCS Compliance Testing Laboratory Ltd.

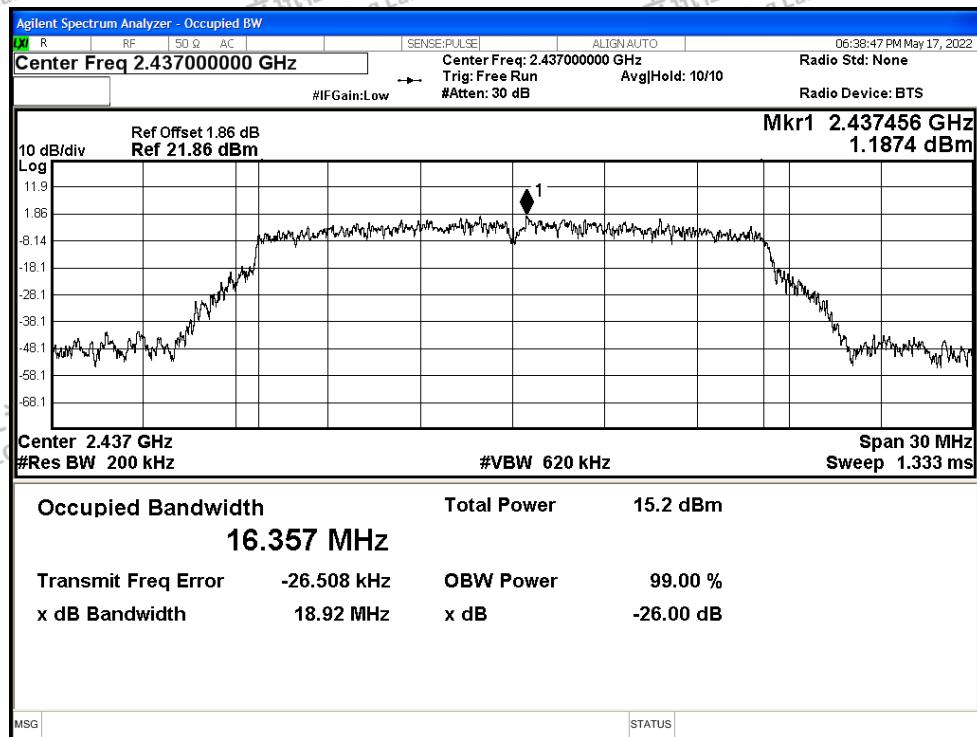
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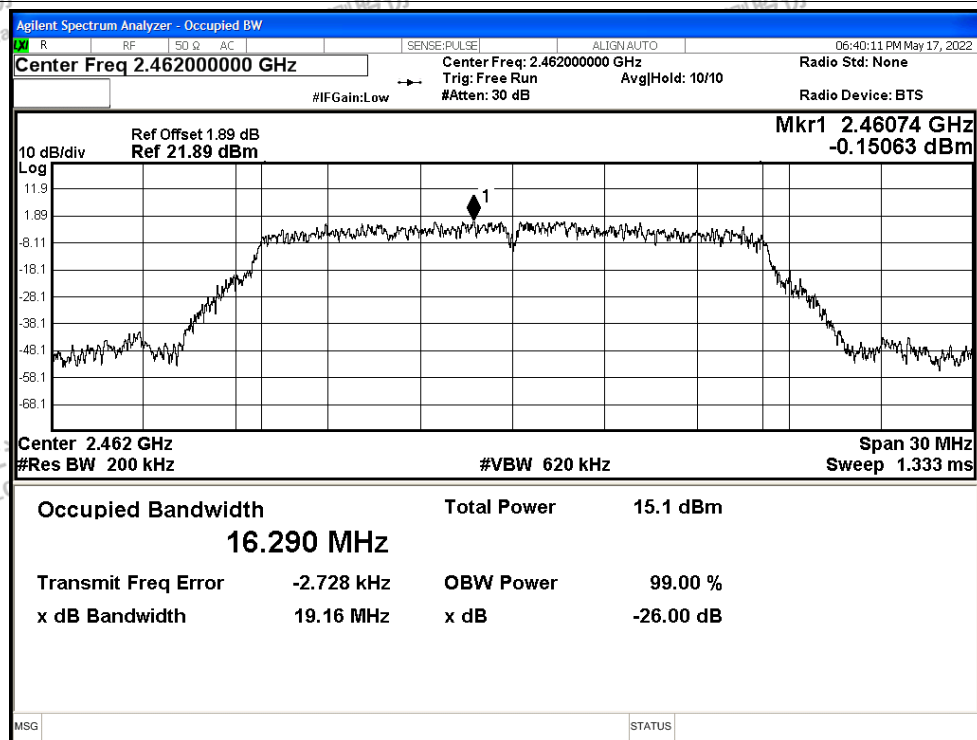
Scan code to check authenticity



OBW NVNT g 2437MHz Ant1



OBW NVNT g 2462MHz Ant1



Shenzhen LCS Compliance Testing Laboratory Ltd.

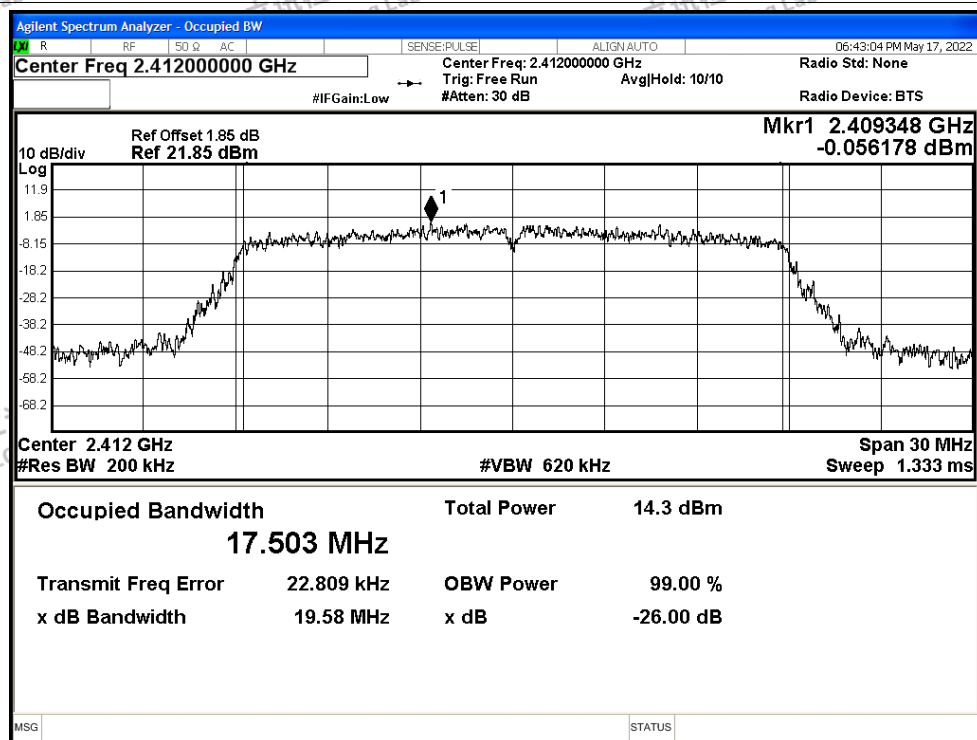
Add: 101, 201 Bldg A & 301 Bldg C, Juji Industrial Park Yabianxueziwei, Shajing Street, Baoan District, Shenzhen, 518000, China

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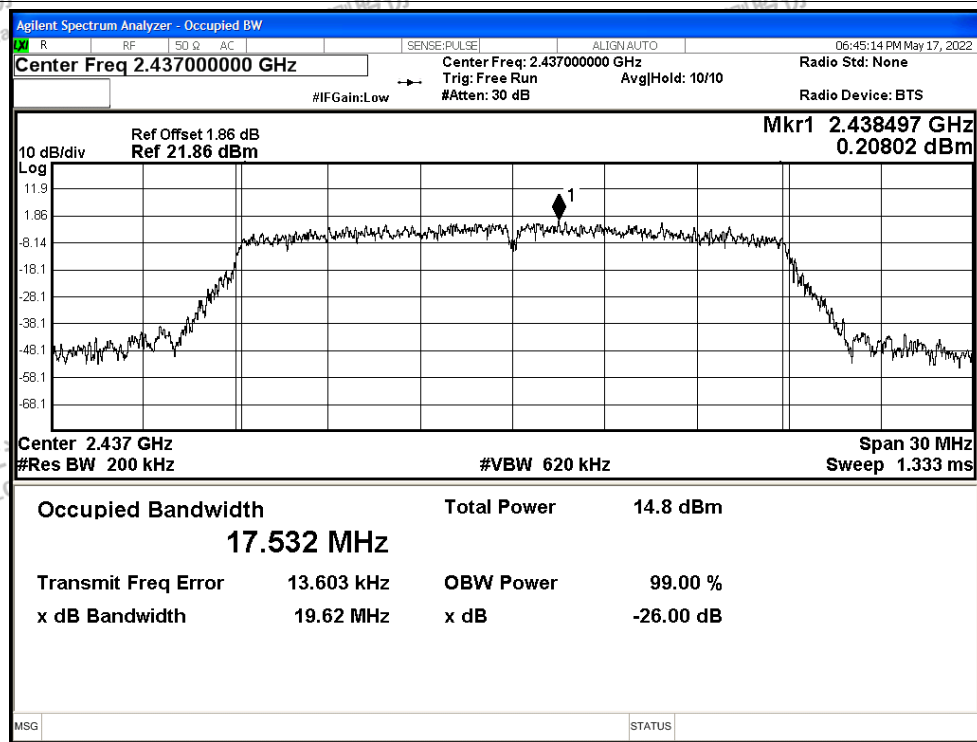
Scan code to check authenticity



OBW NVNT n20 2412MHz Ant1



OBW NVNT n20 2437MHz Ant1

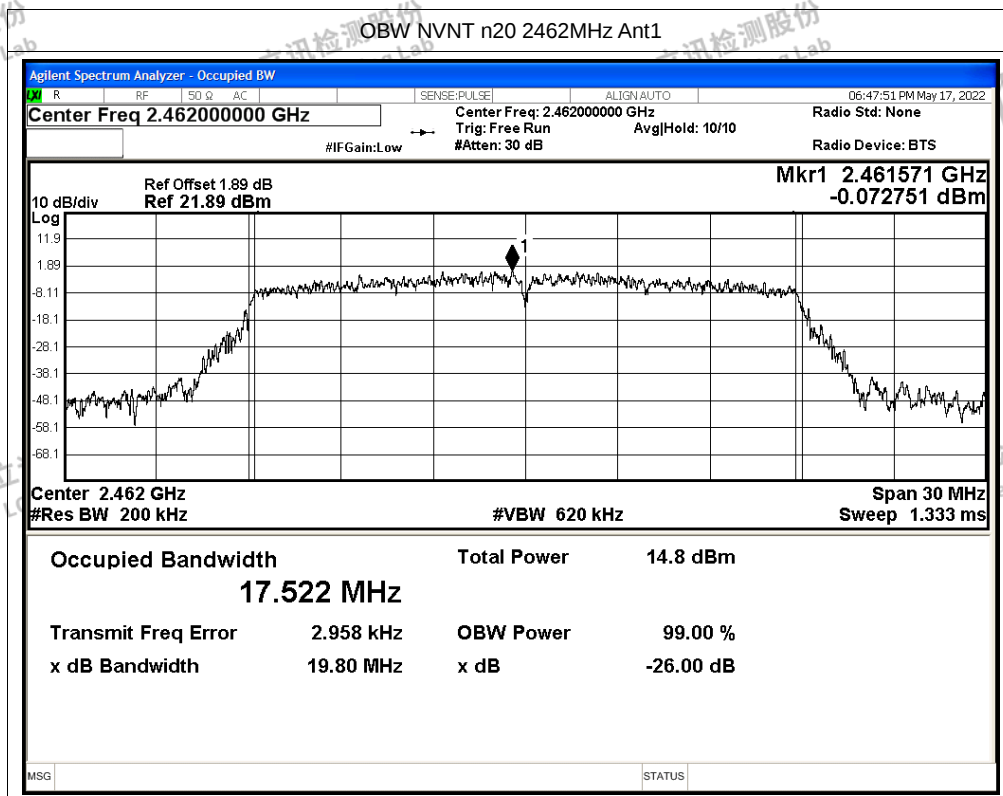


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A.3 Maximum Conducted Output Power

Condition	Mode	Frequency (MHz)	Conducted Power (dBm)			Limit (dBm)	Verdict
			Ant0	Ant1	MIMO		
NVNT	b	2412	14.7	14.64	/	30	Pass
NVNT	b	2437	15.21	14.66	/	30	Pass
NVNT	b	2462	15.05	14.93	/	30	Pass
NVNT	g	2412	12.35	13.97	/	30	Pass
NVNT	g	2437	12.91	14.17	/	30	Pass
NVNT	g	2462	13.06	14.2	/	30	Pass
NVNT	n20	2412	12.08	13.44	15.82	30	Pass
NVNT	n20	2437	12.66	14.04	16.41	30	Pass
NVNT	n20	2462	14.6	15.7	18.20	30	Pass





A.4 Maximum Power Spectral Density Level

Condition	Mode	Frequency (MHz)	Antenna	Conducted PSD (dBm/3kHz)	Limit (dBm/3kHz)	Verdict
NVNT	b	2412	Ant0	-11.24	8	Pass
NVNT	b	2437	Ant0	-11.8	8	Pass
NVNT	b	2462	Ant0	-11.02	8	Pass
NVNT	g	2412	Ant0	-14.98	8	Pass
NVNT	g	2437	Ant0	-13.45	8	Pass
NVNT	g	2462	Ant0	-14.62	8	Pass
NVNT	n20	2412	Ant0	-15.8	8	Pass
NVNT	n20	2437	Ant0	-14.38	8	Pass
NVNT	n20	2462	Ant0	-14.76	8	Pass

Condition	Mode	Frequency (MHz)	Antenna	Conducted PSD (dBm/3kHz)	Limit (dBm/3kHz)	Verdict
NVNT	b	2412	Ant1	-11.68	8	Pass
NVNT	b	2437	Ant1	-11.26	8	Pass
NVNT	b	2462	Ant1	-11.83	8	Pass
NVNT	g	2412	Ant1	-13.23	8	Pass
NVNT	g	2437	Ant1	-13.73	8	Pass
NVNT	g	2462	Ant1	-13.05	8	Pass
NVNT	n20	2412	Ant1	-14.38	8	Pass
NVNT	n20	2437	Ant1	-11.57	8	Pass
NVNT	n20	2462	Ant1	-13.15	8	Pass

MIMO

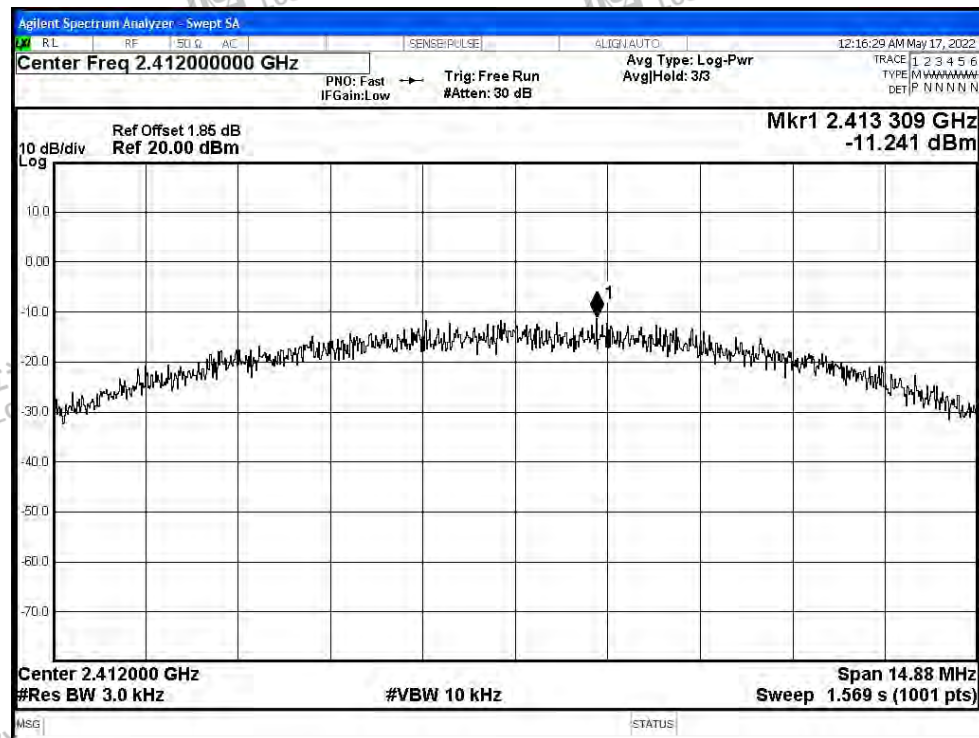
Condition	Mode	Frequency (MHz)	Total PSD (dBm/3kHz)			Limit (dBm/3kHz)	Verdict
			ANT0	ANT1	ANT0+ANT1		
NVNT	n20	2412	-15.8	-14.38	-12.02	8	Pass
NVNT	n20	2437	-14.38	-11.57	-9.74	8	Pass
NVNT	n20	2462	-14.76	-13.15	-10.87	8	Pass



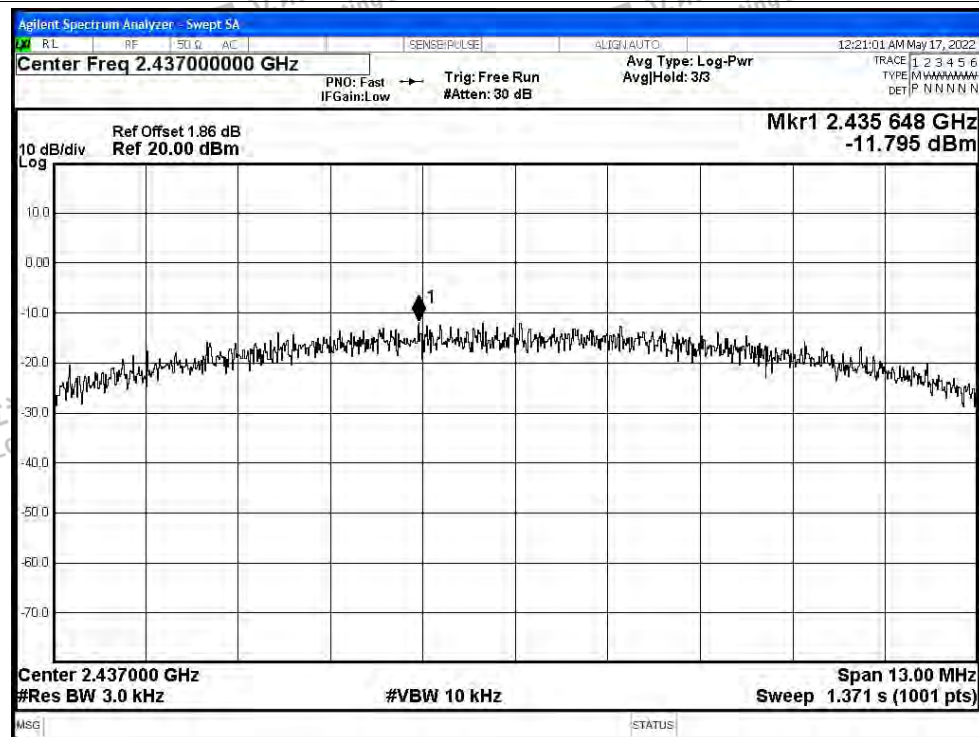


Test Graphs

PSD NVNT b 2412MHz Ant0

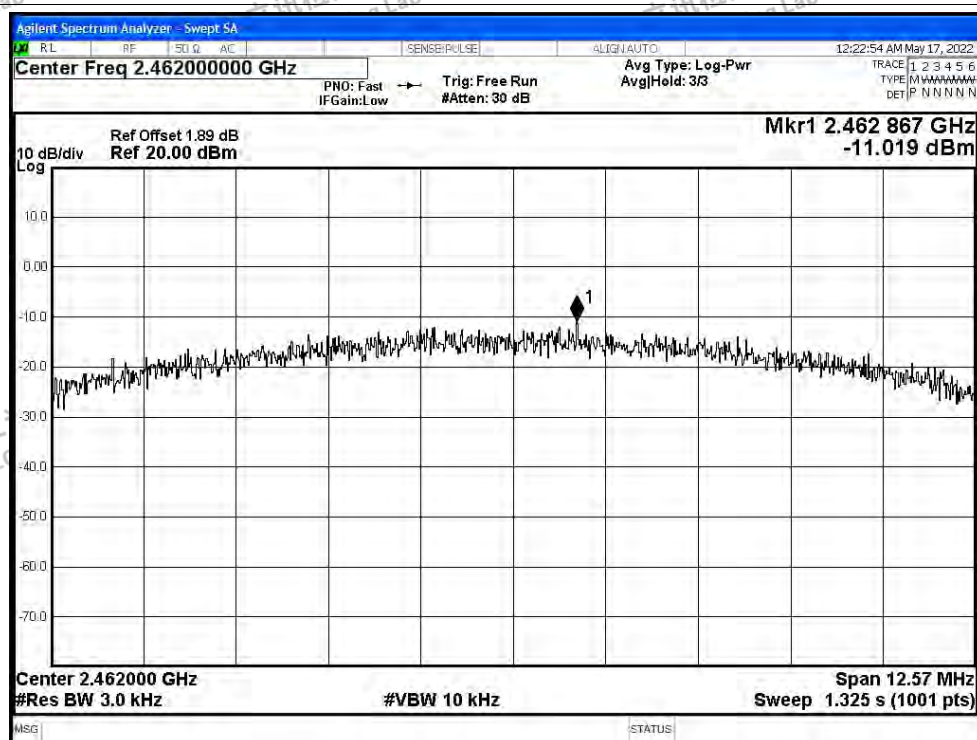


PSD NVNT b 2437MHz Ant0

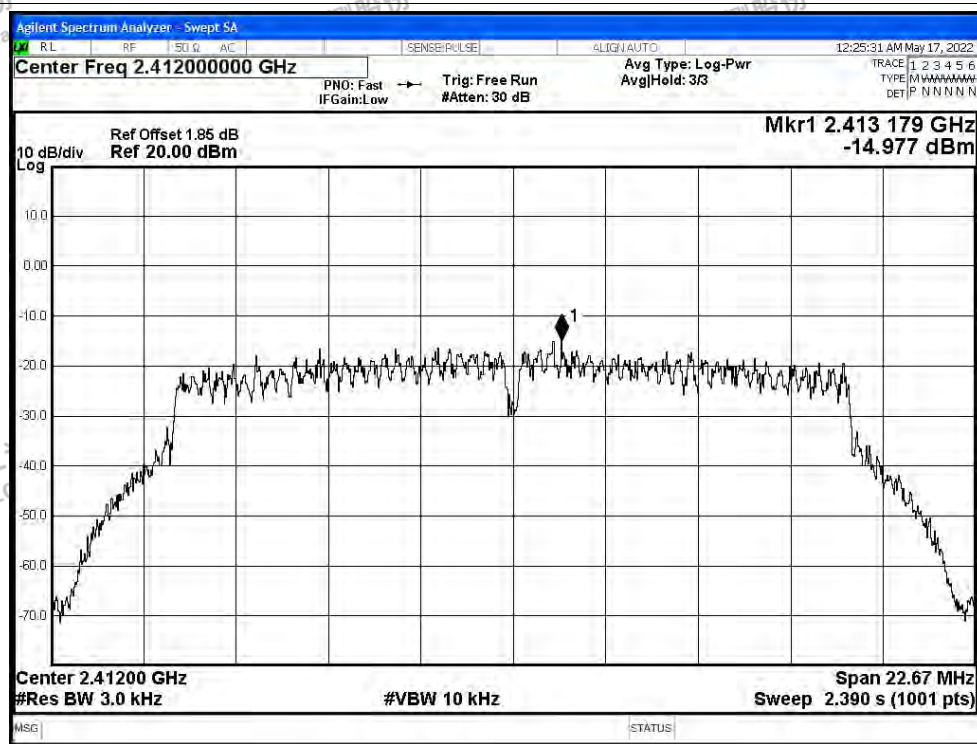




PSD NVNT b 2462MHz Ant0



PSD NVNT g 2412MHz Ant0



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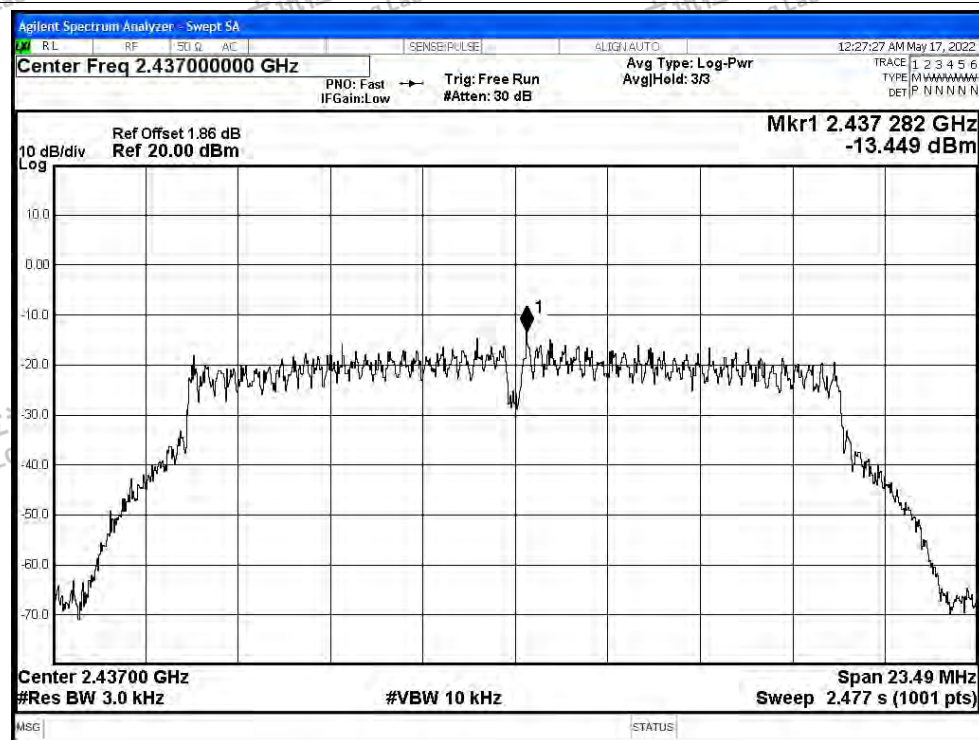
Add: 101, 201 Bldg A & 301 Bldg C, Juji Industrial Park Yabianxueziwei, Shajing Street, Baoan District, Shenzhen, 518000, China

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

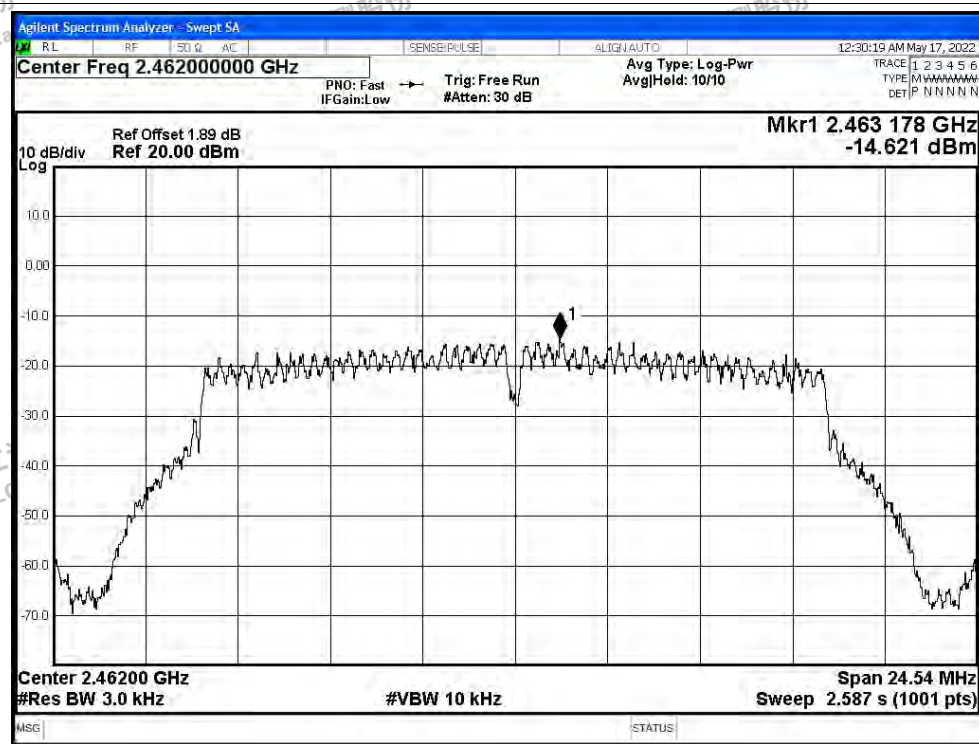
Scan code to check authenticity



PSD NVNT g 2437MHz Ant0

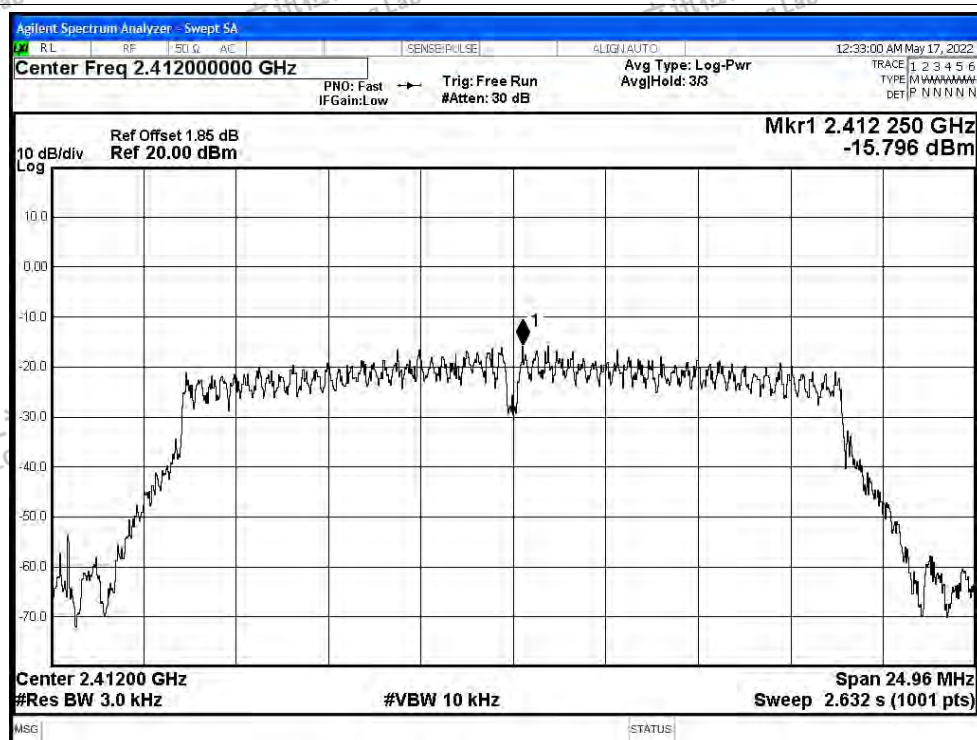


PSD NVNT g 2462MHz Ant0

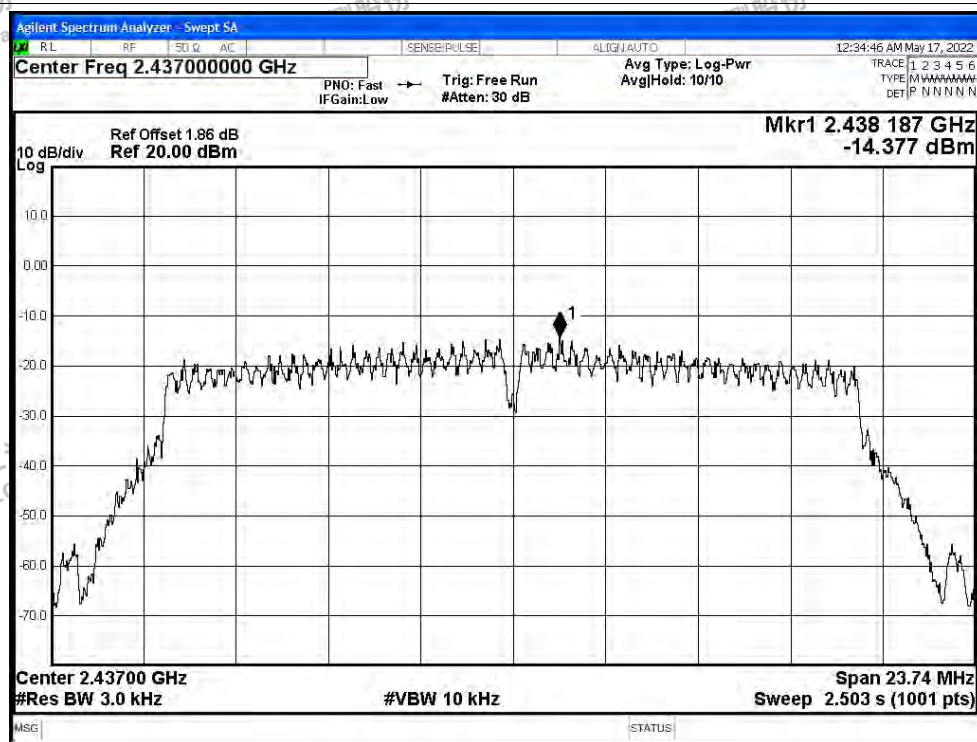


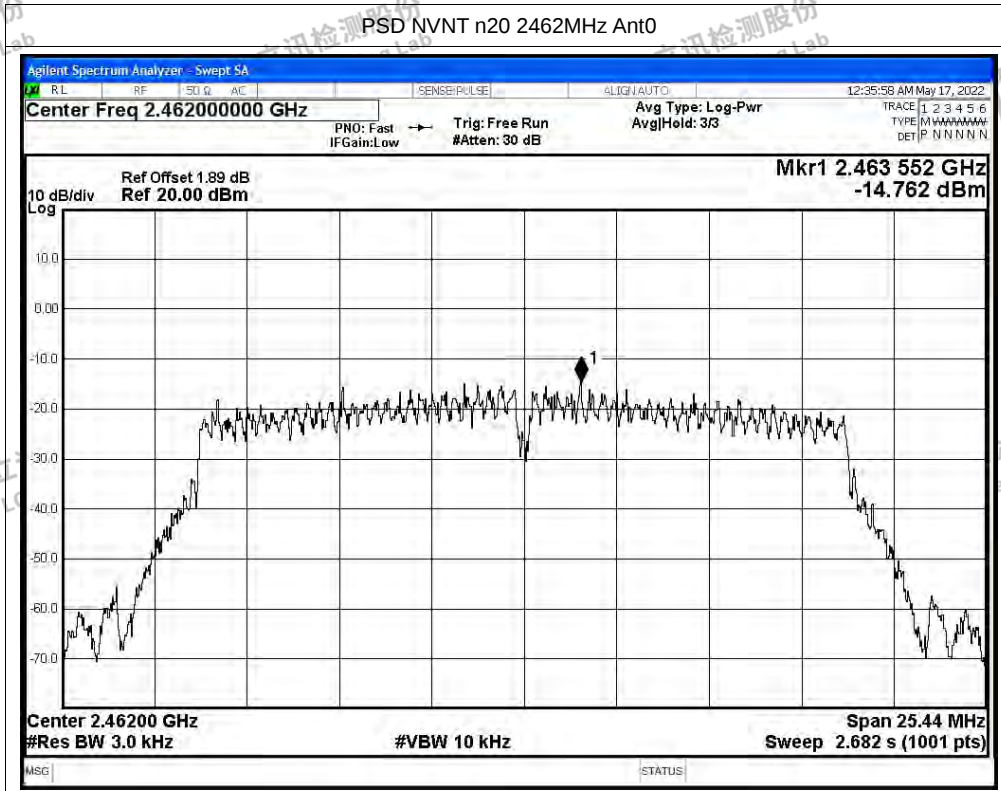


PSD NVNT n20 2412MHz Ant0



PSD NVNT n20 2437MHz Ant0

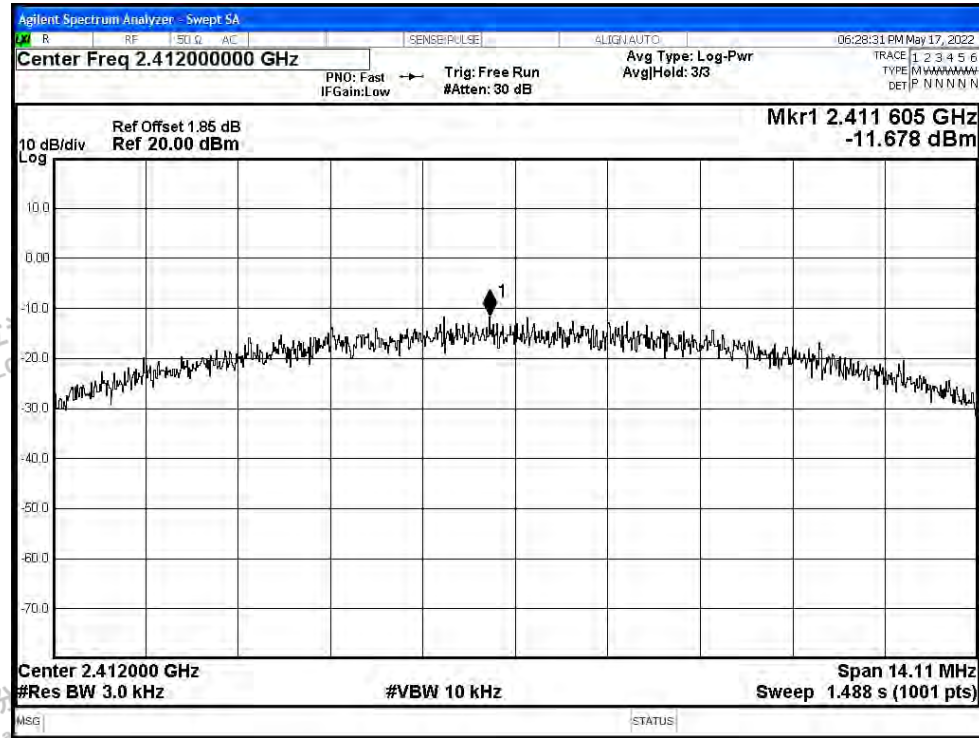




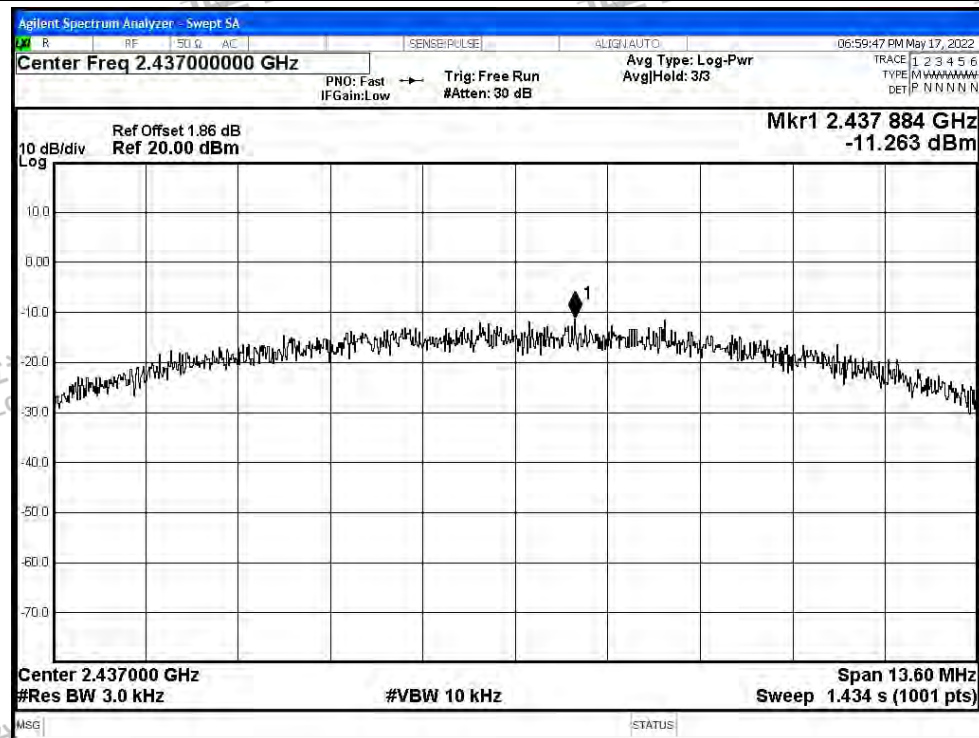


Test Graphs

PSD NVNT b 2412MHz Ant1



PSD NVNT b 2437MHz Ant1



Shenzhen LCS Compliance Testing Laboratory Ltd.

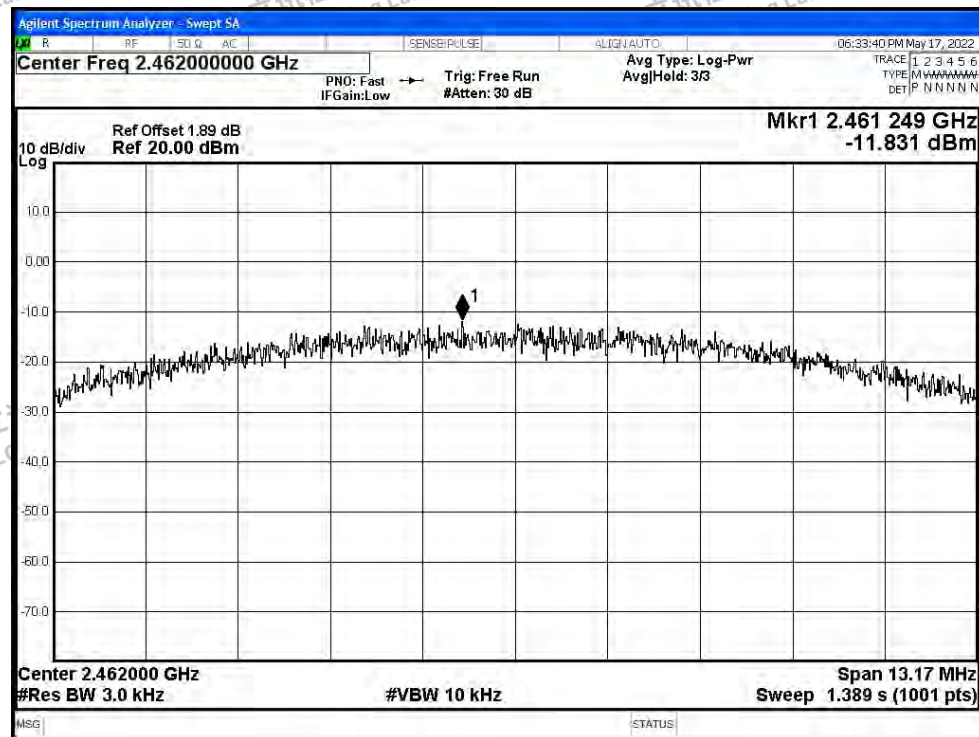
Add: 101, 201 Bldg A & 301 Bldg C, Juji Industrial Park Yabianxueziwei, Shajing Street, Baoan District, Shenzhen, 518000, China

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

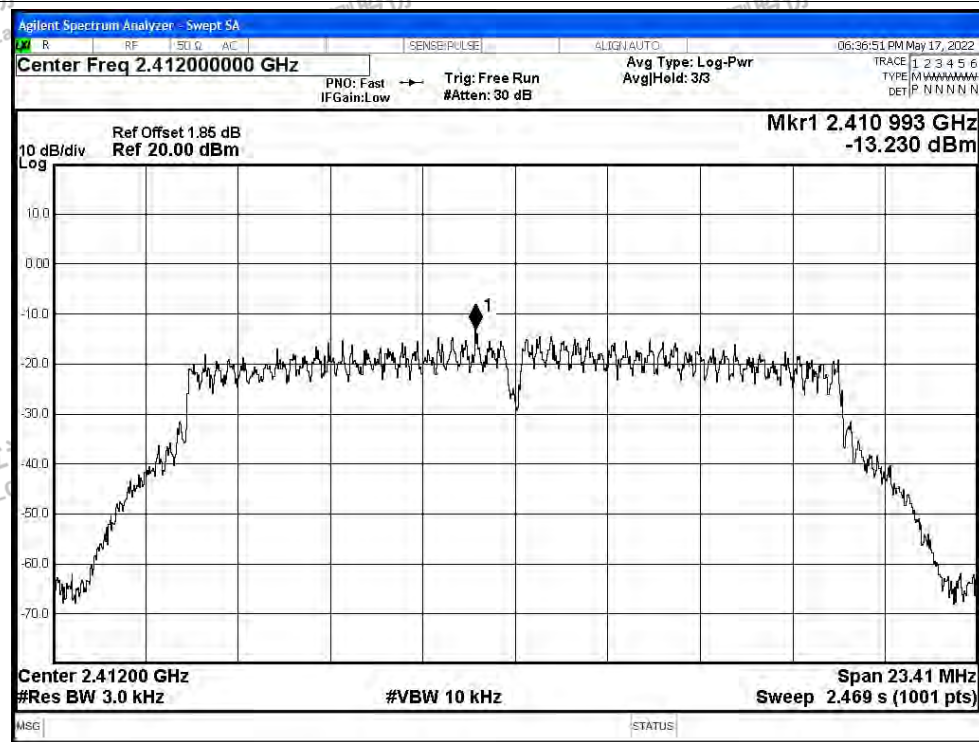
Scan code to check authenticity



PSD NVNT b 2462MHz Ant1

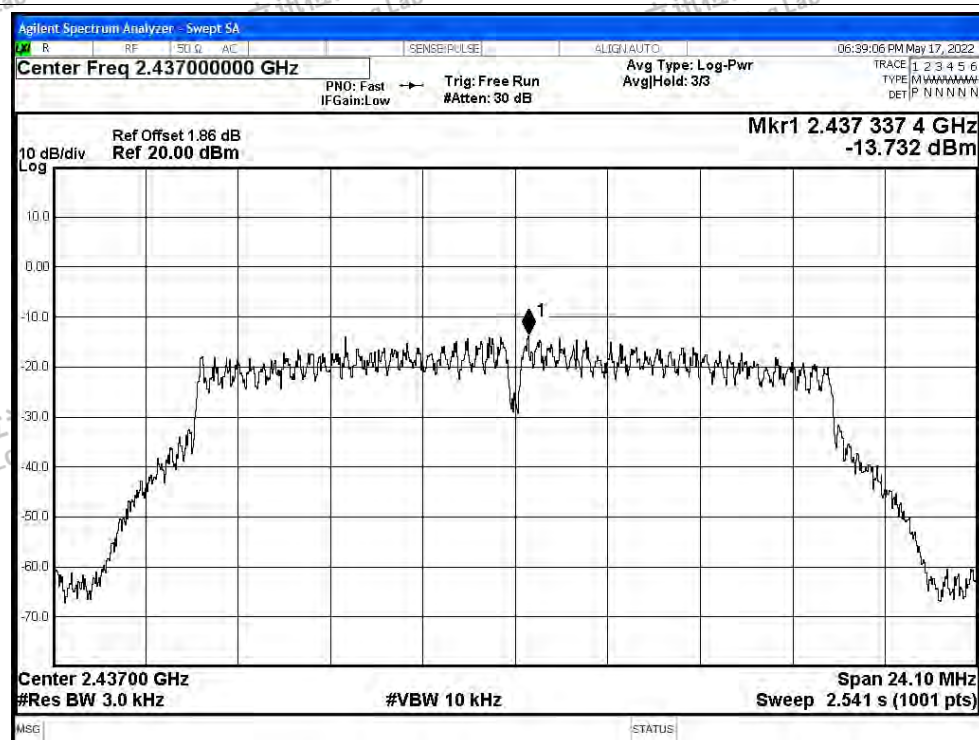


PSD NVNT g 2412MHz Ant1

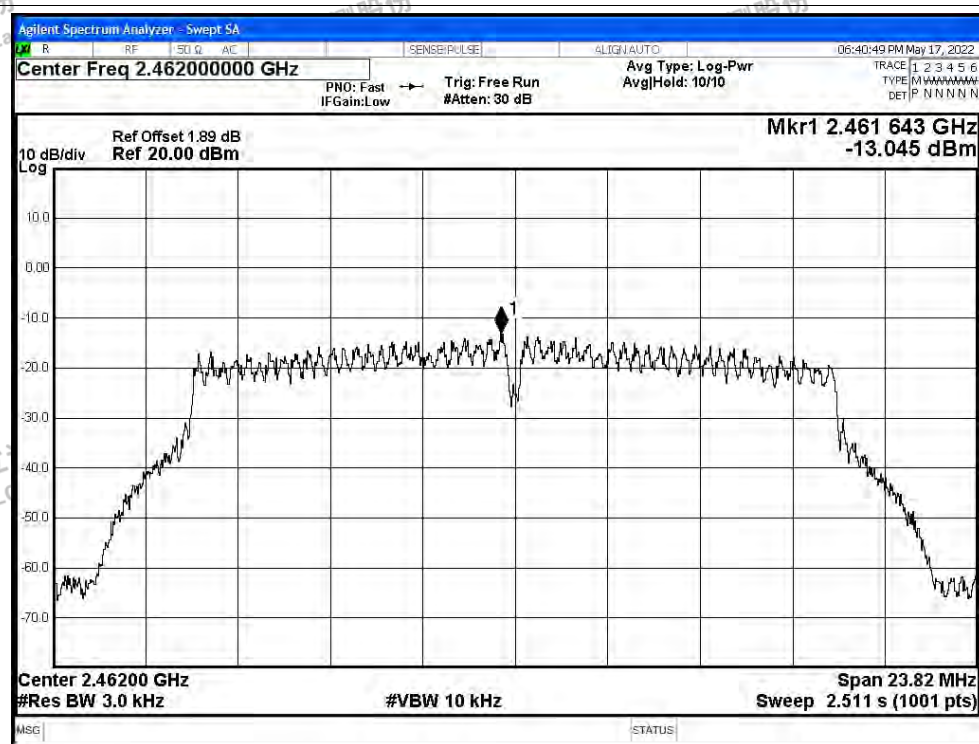




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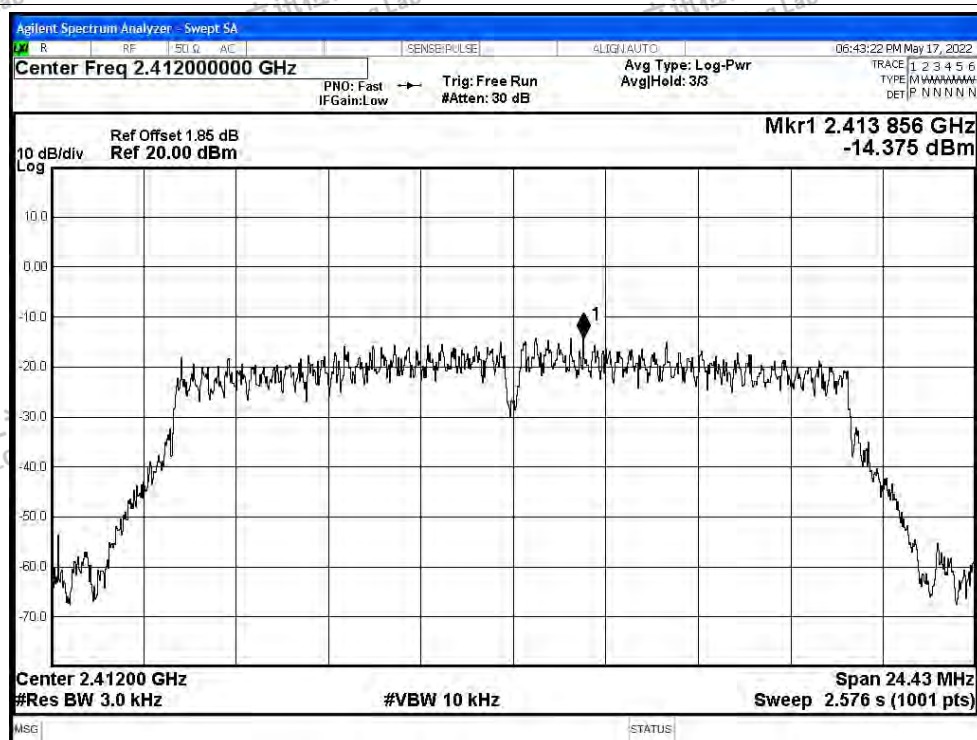


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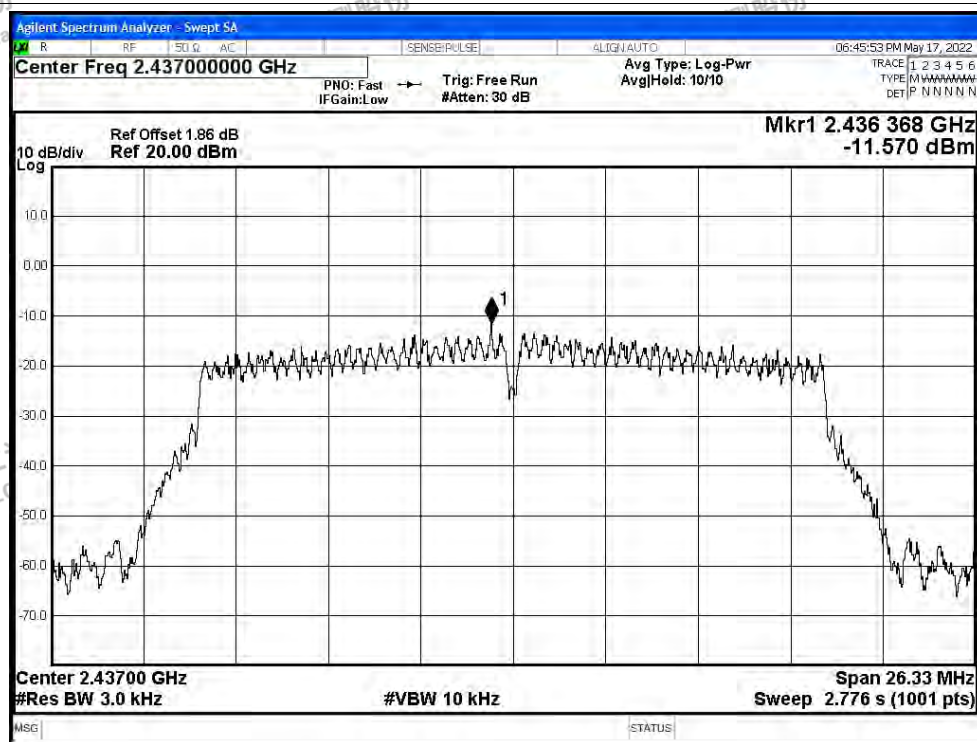




PSD NVNT n20 2412MHz Ant1



PSD NVNT n20 2437MHz Ant1

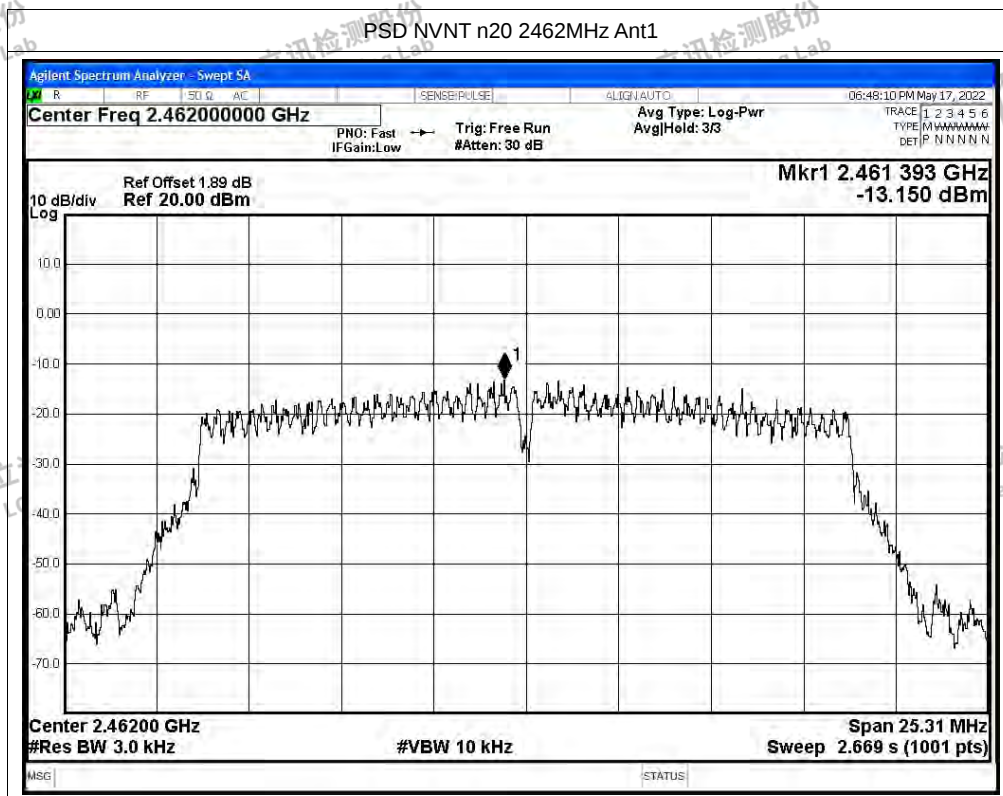


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A.5 Band Edge

Condition	Mode	Frequency (MHz)	Antenna	Max Value (dBc)	Limit (dBc)	Verdict
NVNT	b	2412	Ant0	-53.48	-20	Pass
NVNT	b	2462	Ant0	-56.57	-20	Pass
NVNT	g	2412	Ant0	-45.18	-20	Pass
NVNT	g	2462	Ant0	-51.15	-20	Pass
NVNT	n20	2412	Ant0	-45.02	-20	Pass
NVNT	n20	2462	Ant0	-50.62	-20	Pass

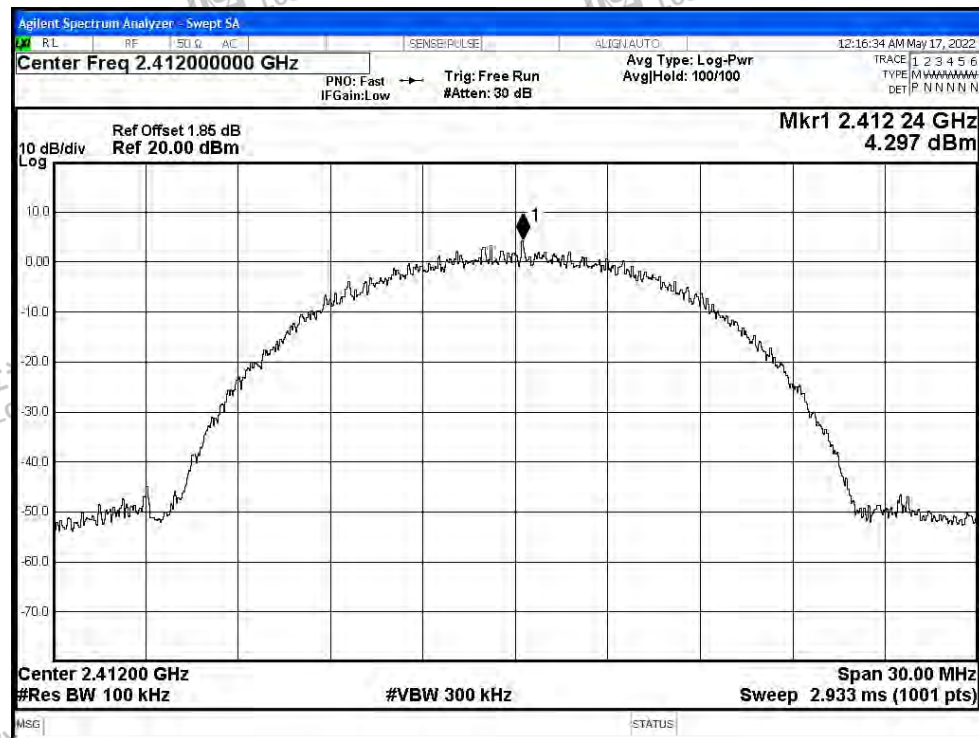


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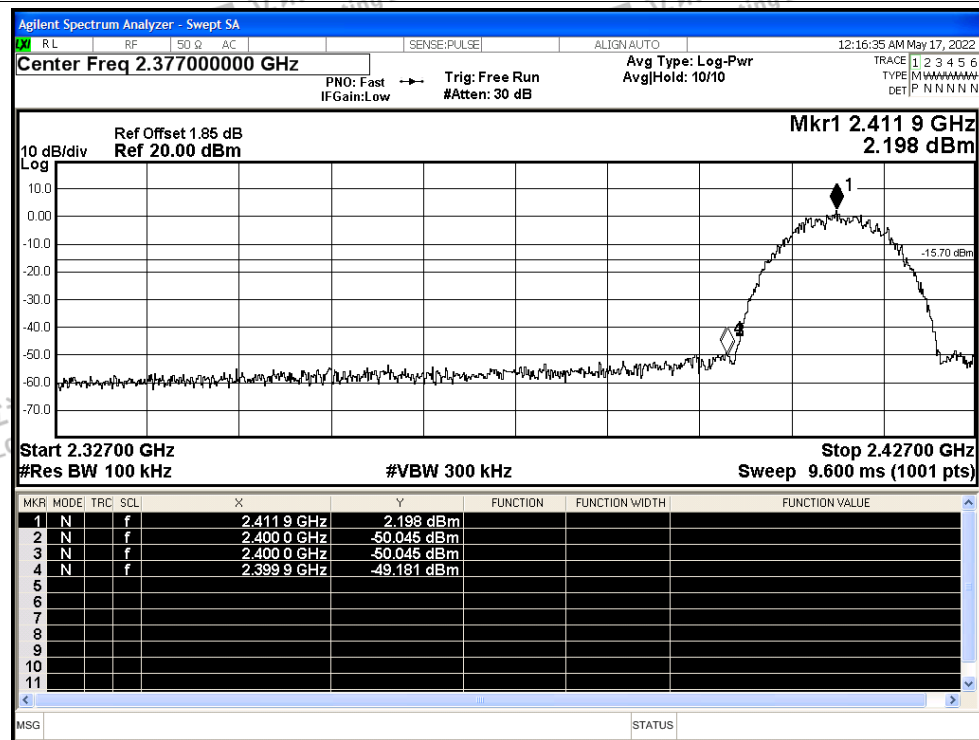


Test Graphs

Band Edge NVNT b 2412MHz Ant0 Ref

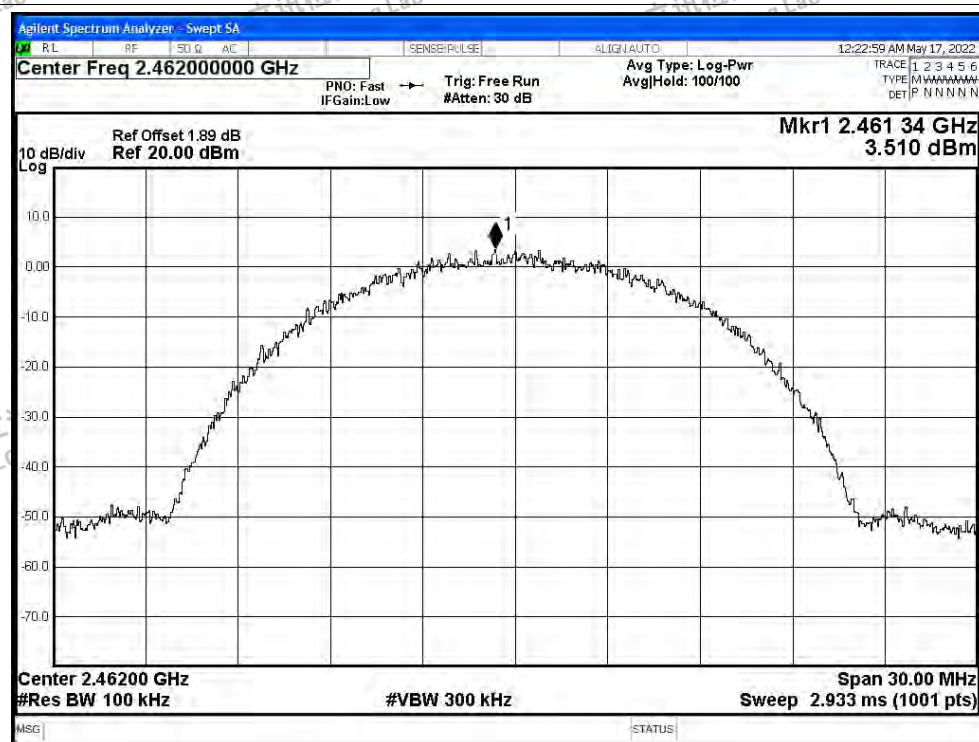


Band Edge NVNT b 2412MHz Ant0 Emission

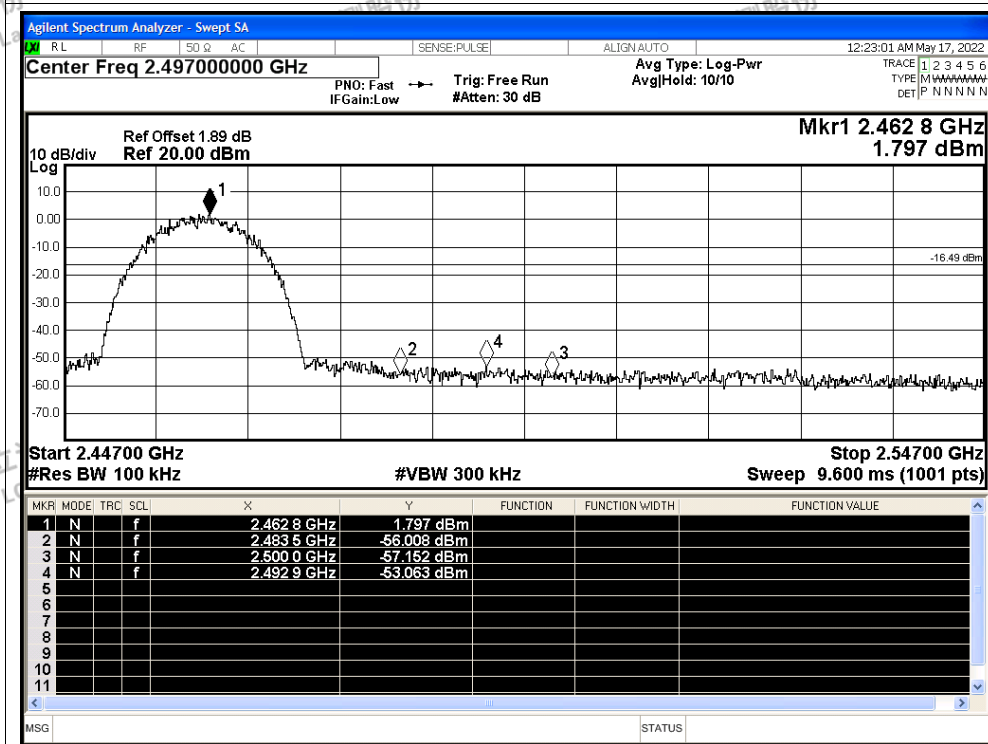




Band Edge NVNT b 2462MHz Ant0 Ref

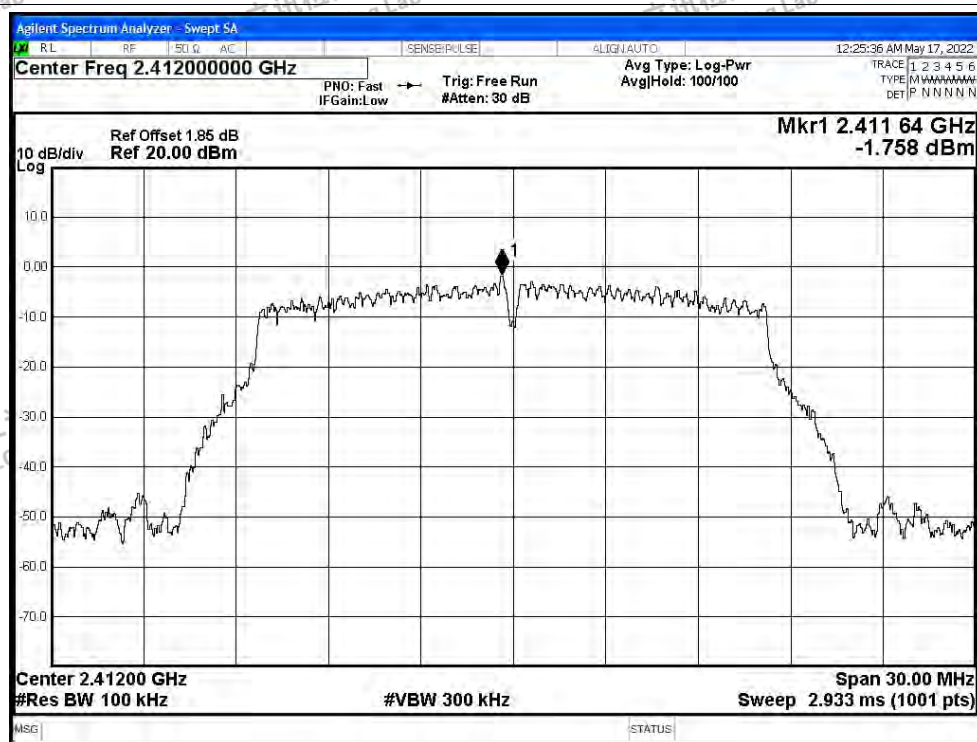


Band Edge NVNT b 2462MHz Ant0 Emission

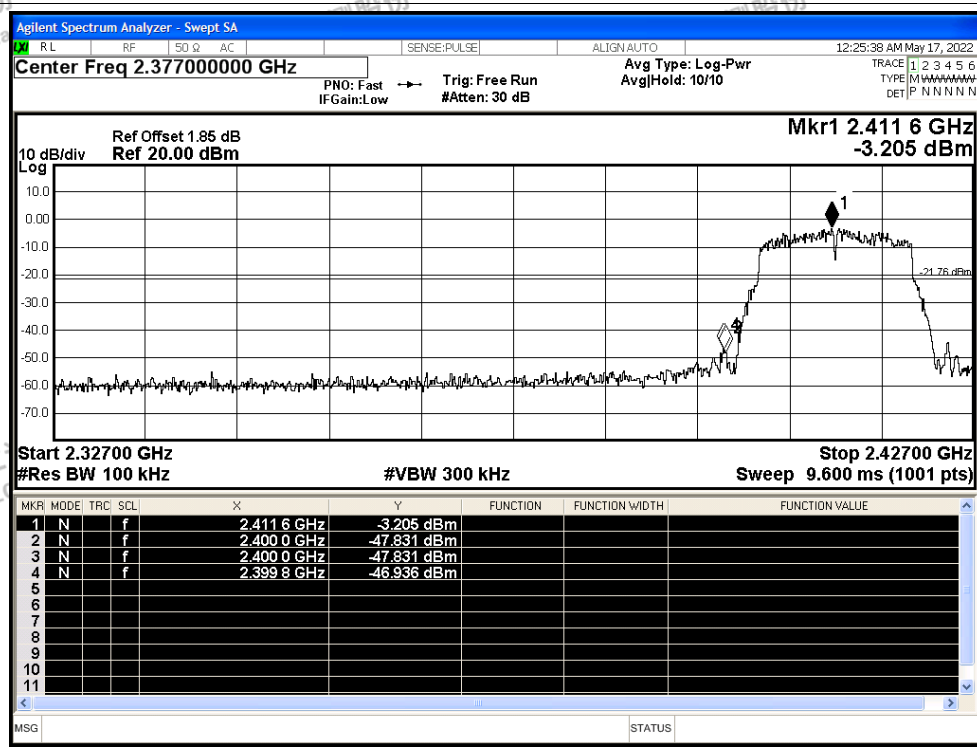




Band Edge NVNT g 2412MHz Ant0 Ref

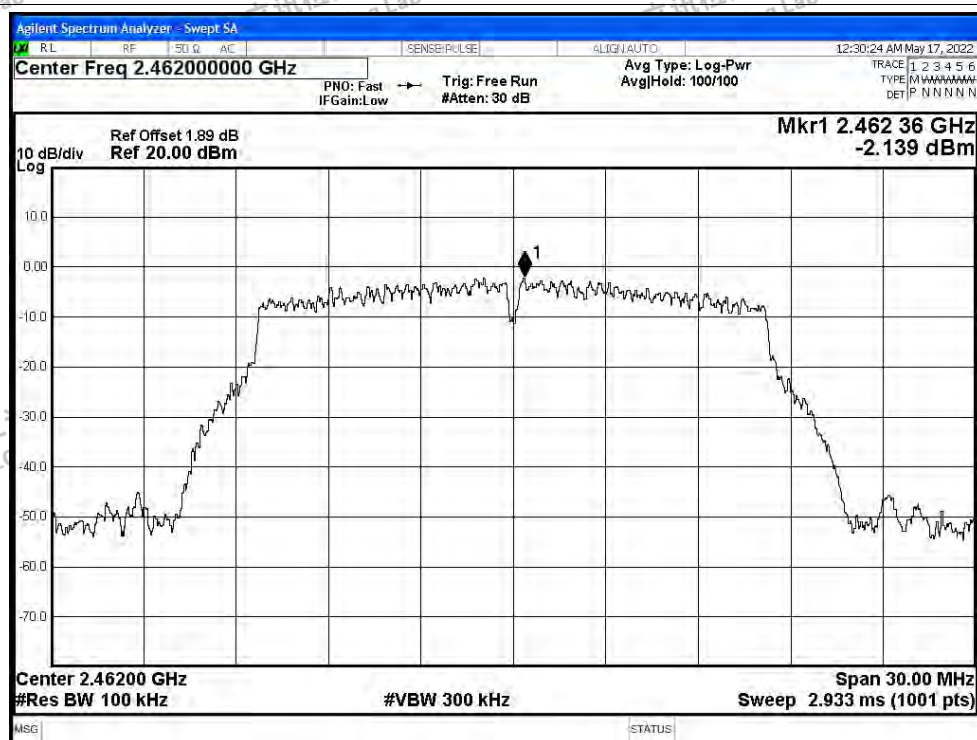


Band Edge NVNT g 2412MHz Ant0 Emission

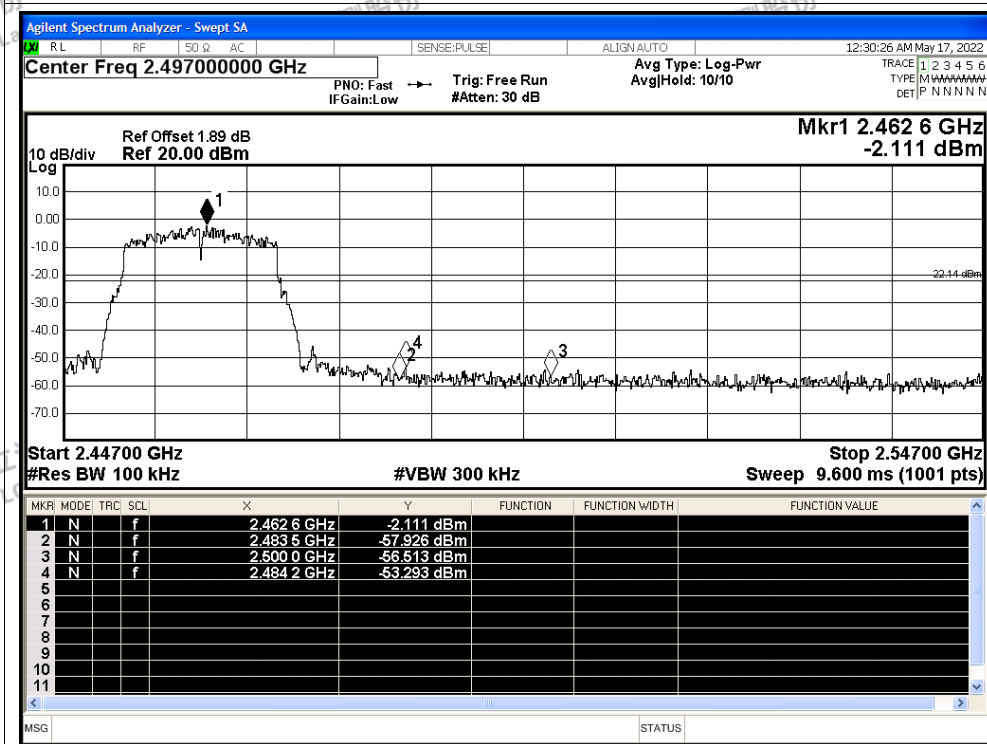




Band Edge NVNT g 2462MHz Ant0 Ref



Band Edge NVNT g 2462MHz Ant0 Emission



Shenzhen LCS Compliance Testing Laboratory Ltd.

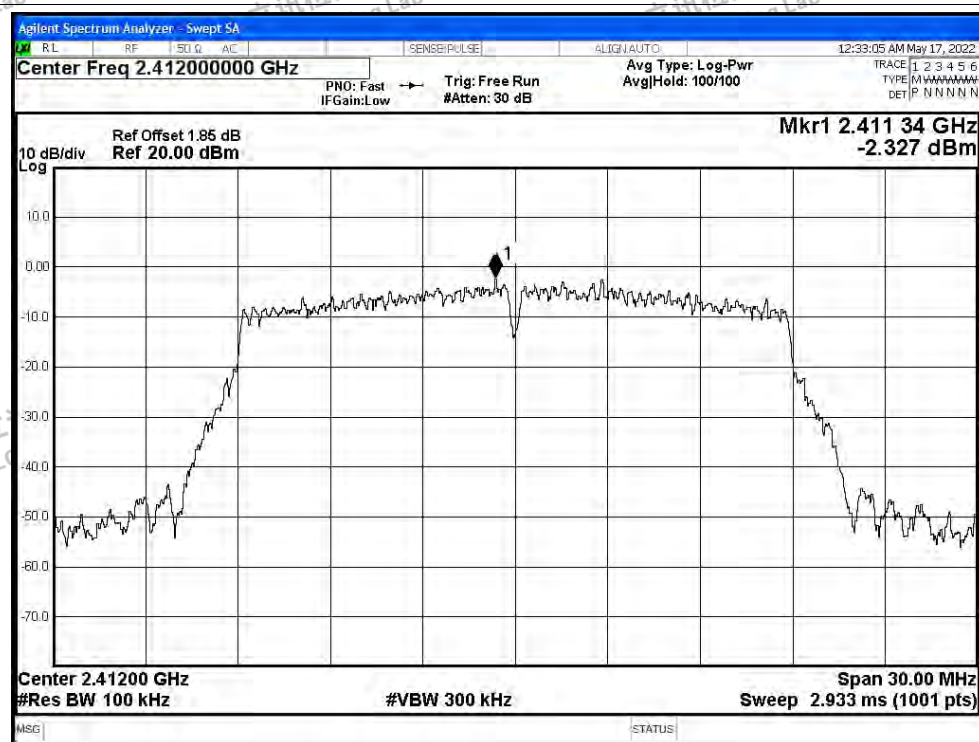
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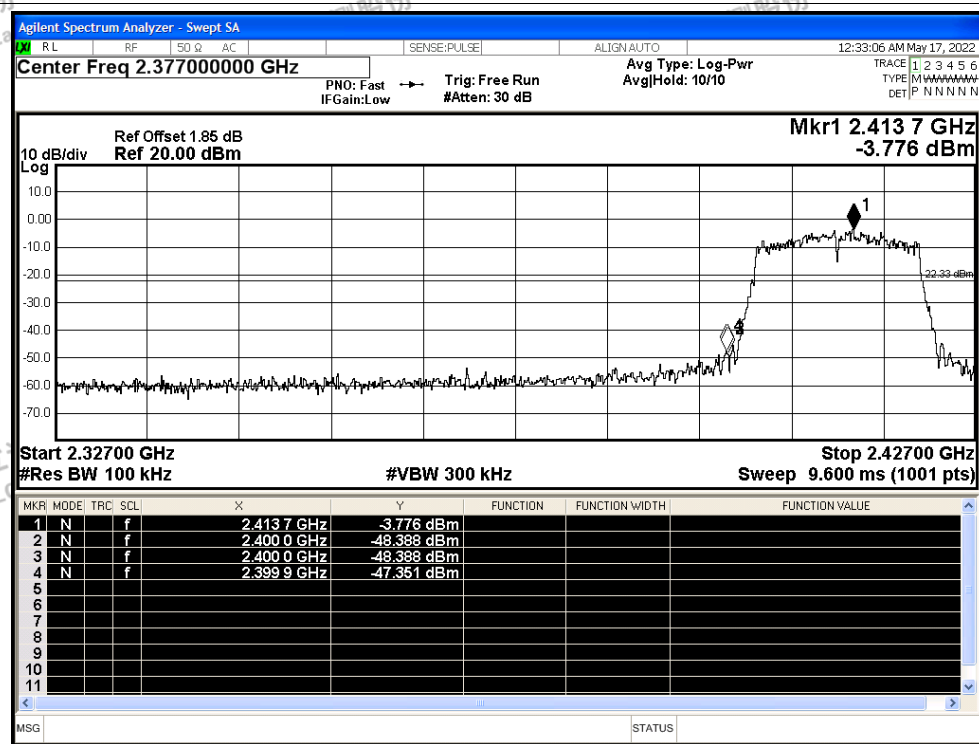
Scan code to check authenticity



Band Edge NVNT n20 2412MHz Ant0 Ref

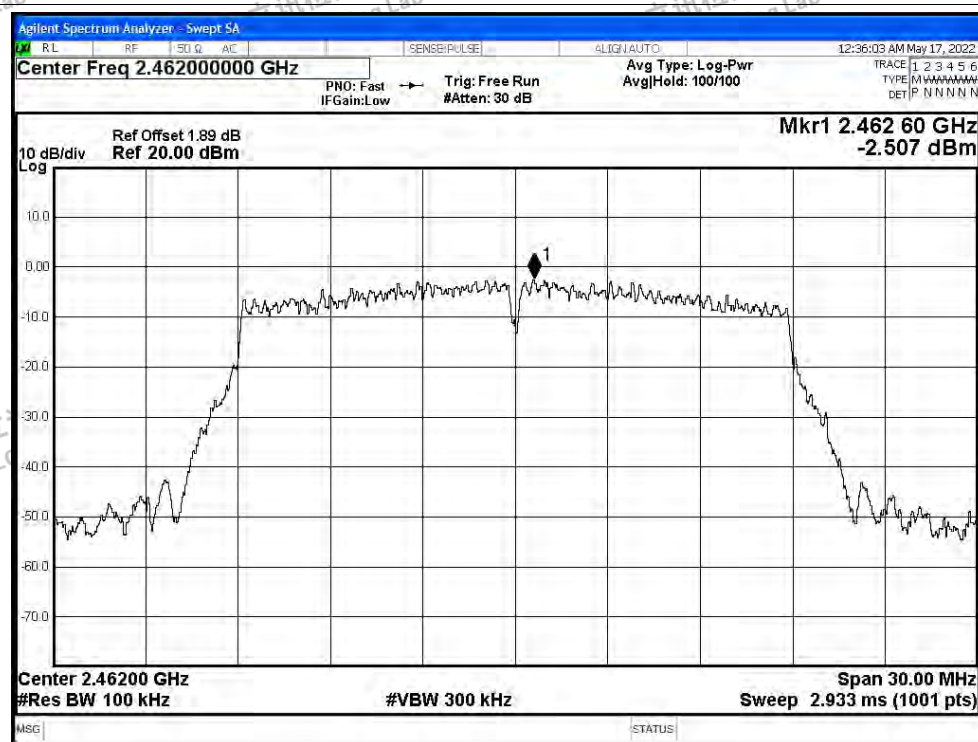


Band Edge NVNT n20 2412MHz Ant0 Emission

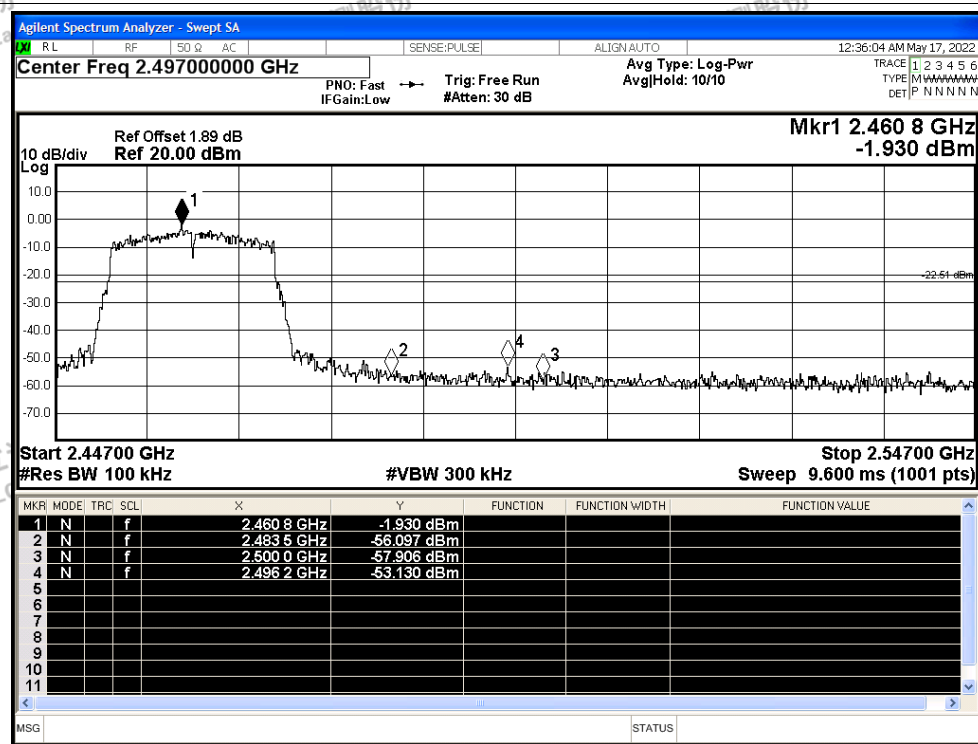




Band Edge NVNT n20 2462MHz Ant0 Ref



Band Edge NVNT n20 2462MHz Ant0 Emission



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Scan code to check authenticity



Condition	Mode	Frequency (MHz)	Antenna	Max Value (dBc)	Limit (dBc)	Verdict
NVNT	b	2412	Ant1	-52.42	-20	Pass
NVNT	b	2462	Ant1	-54.41	-20	Pass
NVNT	g	2412	Ant1	-44.17	-20	Pass
NVNT	g	2462	Ant1	-51.83	-20	Pass
NVNT	n20	2412	Ant1	-42.66	-20	Pass
NVNT	n20	2462	Ant1	-50.25	-20	Pass

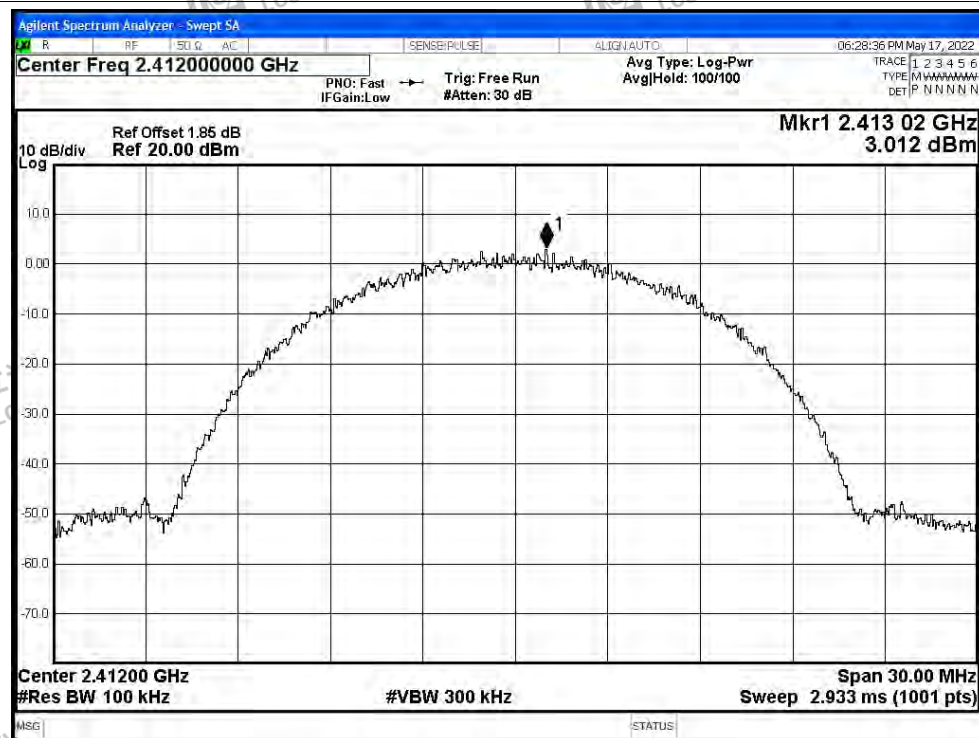


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Scan code to check authenticity

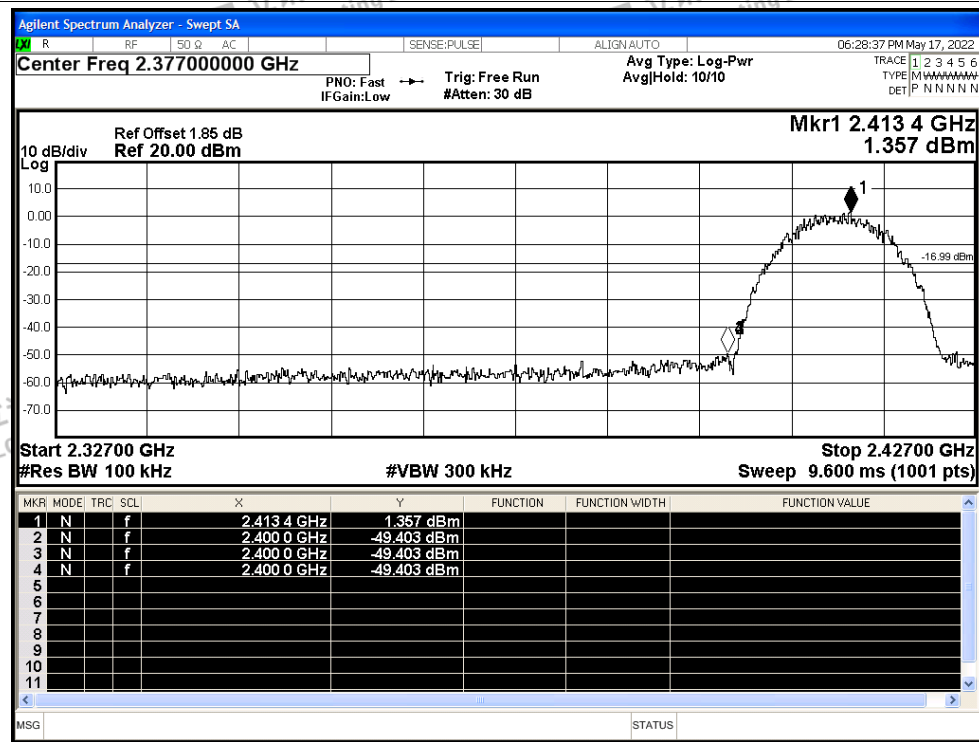


Test Graphs

Band Edge NVNT b 2412MHz Ant1 Ref



Band Edge NVNT b 2412MHz Ant1 Emission



Shenzhen LCS Compliance Testing Laboratory Ltd.

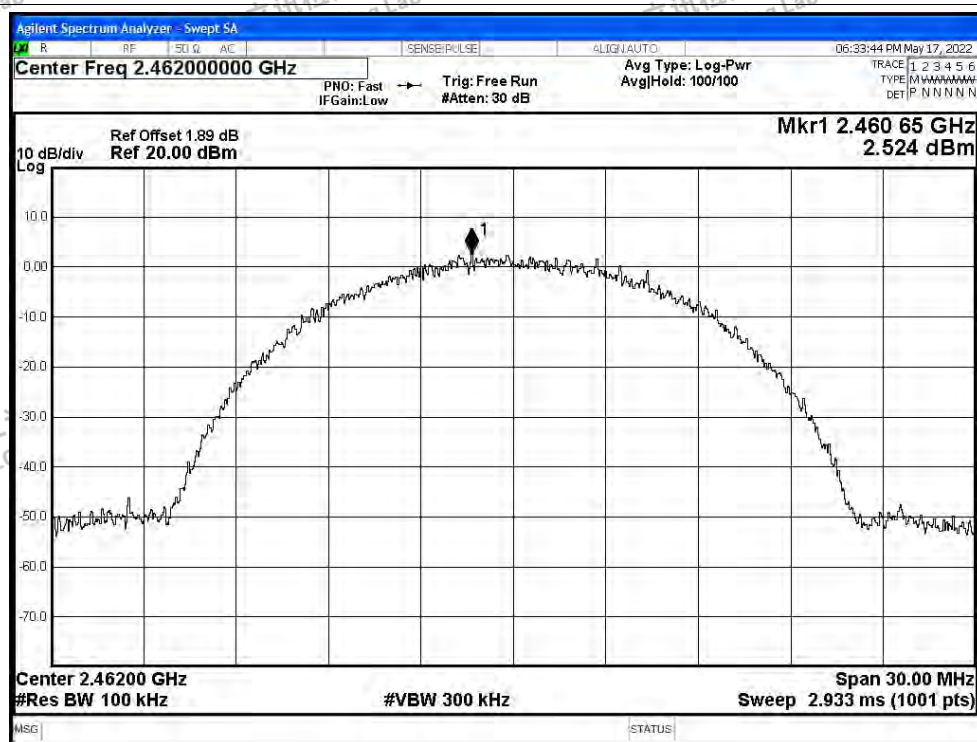
Add: 101, 201 Bldg A & 301 Bldg C, Juji Industrial Park Yabianxueziwei, Shajing Street, Baoan District, Shenzhen, 518000, China

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

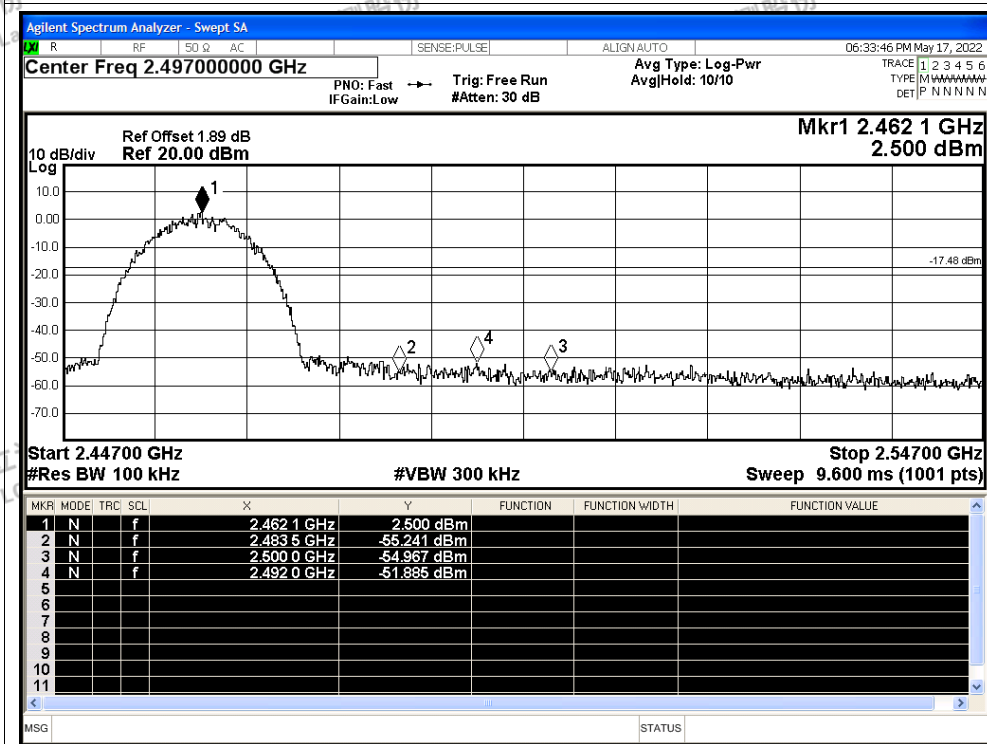
Scan code to check authenticity



Band Edge NVNT b 2462MHz Ant1 Ref



Band Edge NVNT b 2462MHz Ant1 Emission



Shenzhen LCS Compliance Testing Laboratory Ltd.

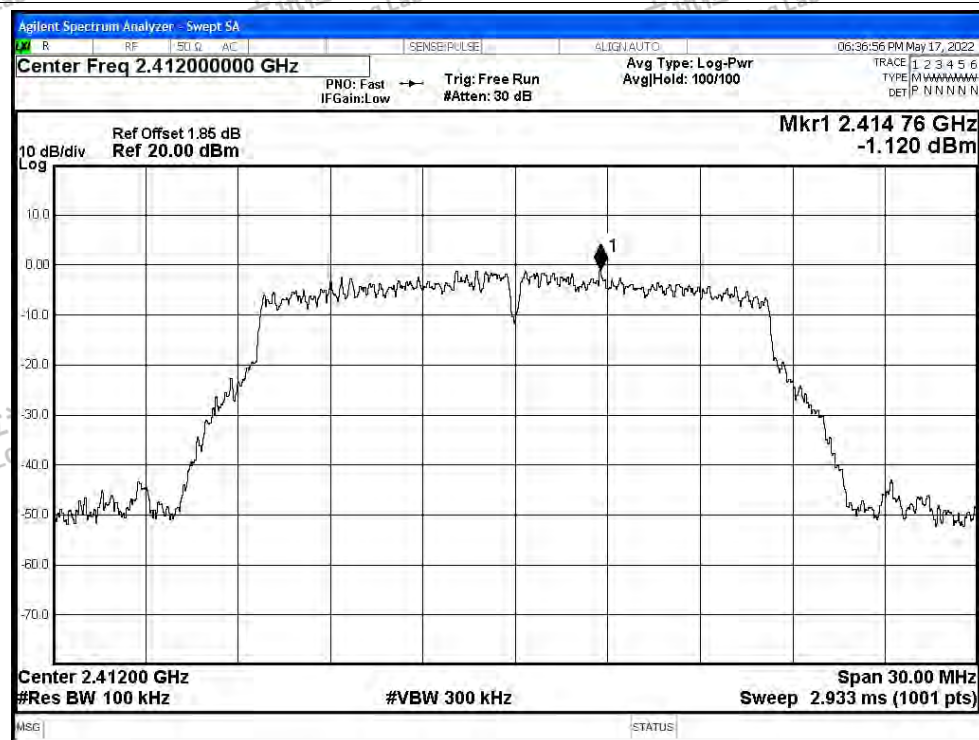
Add: 101, 201 Bldg A & 301 Bldg C, Juji Industrial Park Yabianxueziwei, Shajing Street, Baoan District, Shenzhen, 518000, China

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

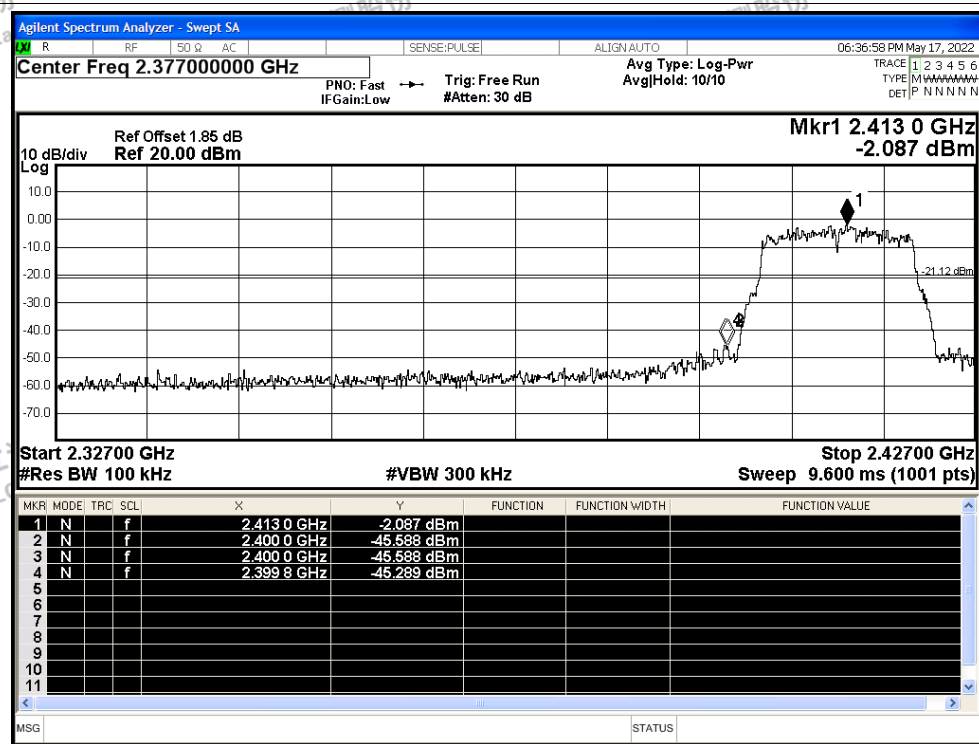
Scan code to check authenticity



Band Edge NVNT g 2412MHz Ant1 Ref



Band Edge NVNT g 2412MHz Ant1 Emission



Shenzhen LCS Compliance Testing Laboratory Ltd.

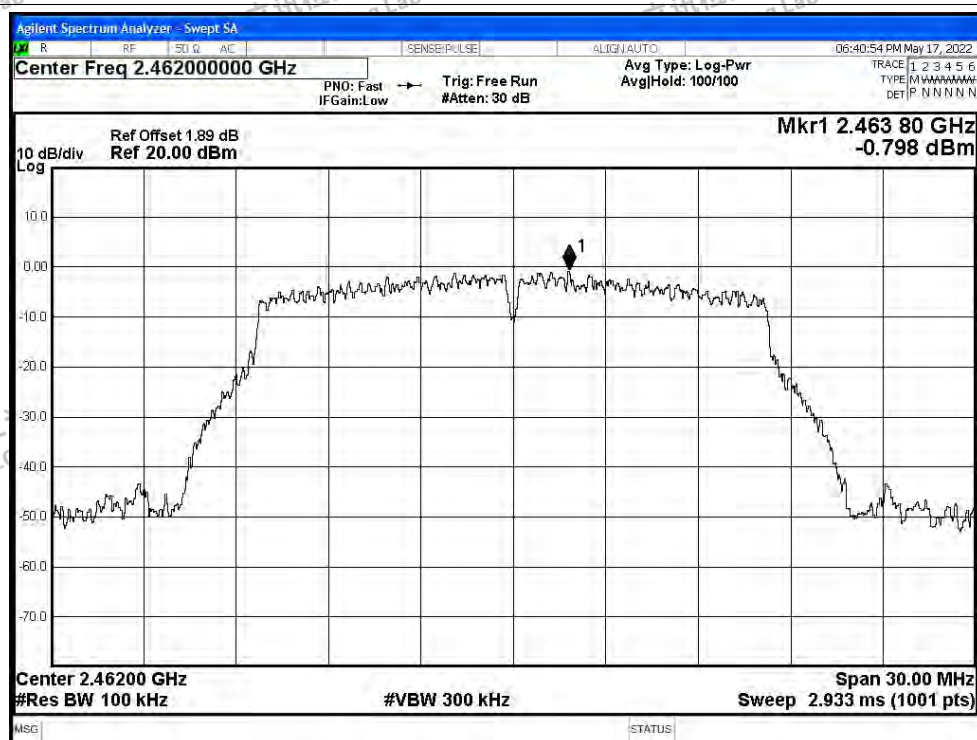
Add: 101, 201 Bldg A & 301 Bldg C, Juji Industrial Park Yabianxueziwei, Shajing Street, Baoan District, Shenzhen, 518000, China

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

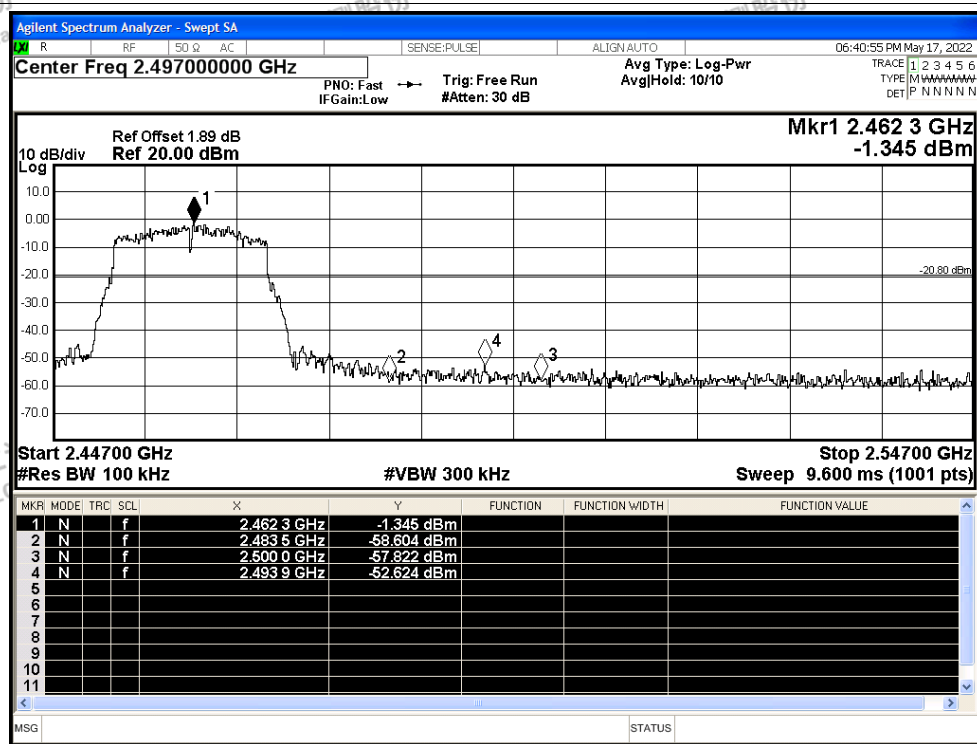
Scan code to check authenticity



Band Edge NVNT g 2462MHz Ant1 Ref



Band Edge NVNT g 2462MHz Ant1 Emission



Shenzhen LCS Compliance Testing Laboratory Ltd.

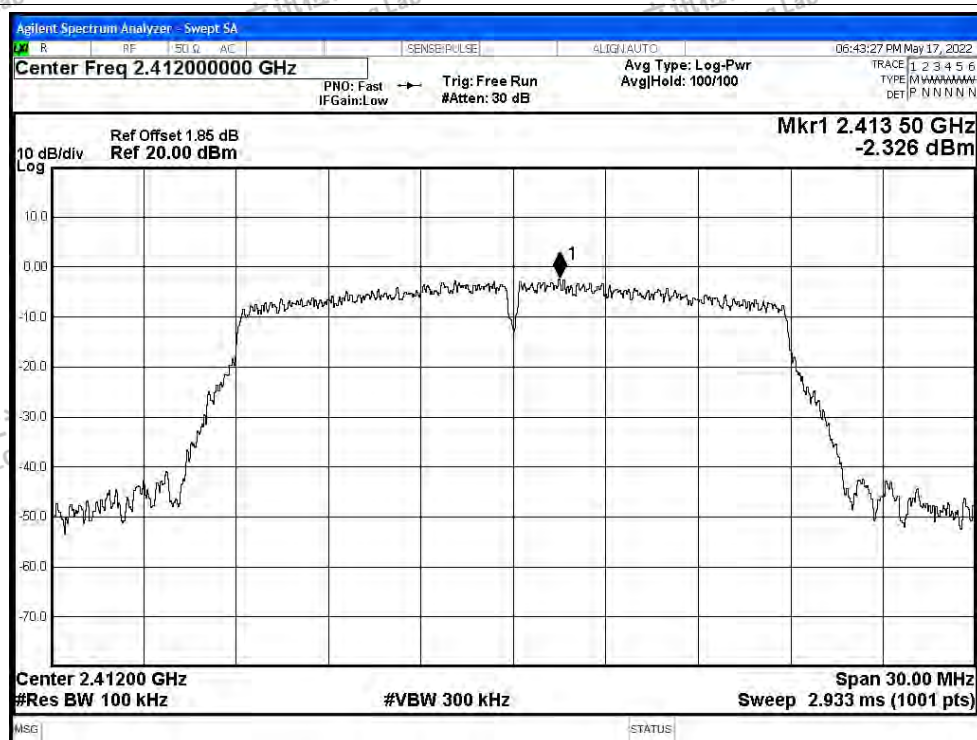
Add: 101, 201 Bldg A & 301 Bldg C, Juji Industrial Park Yabianxueziwei, Shajing Street, Baoan District, Shenzhen, 518000, China

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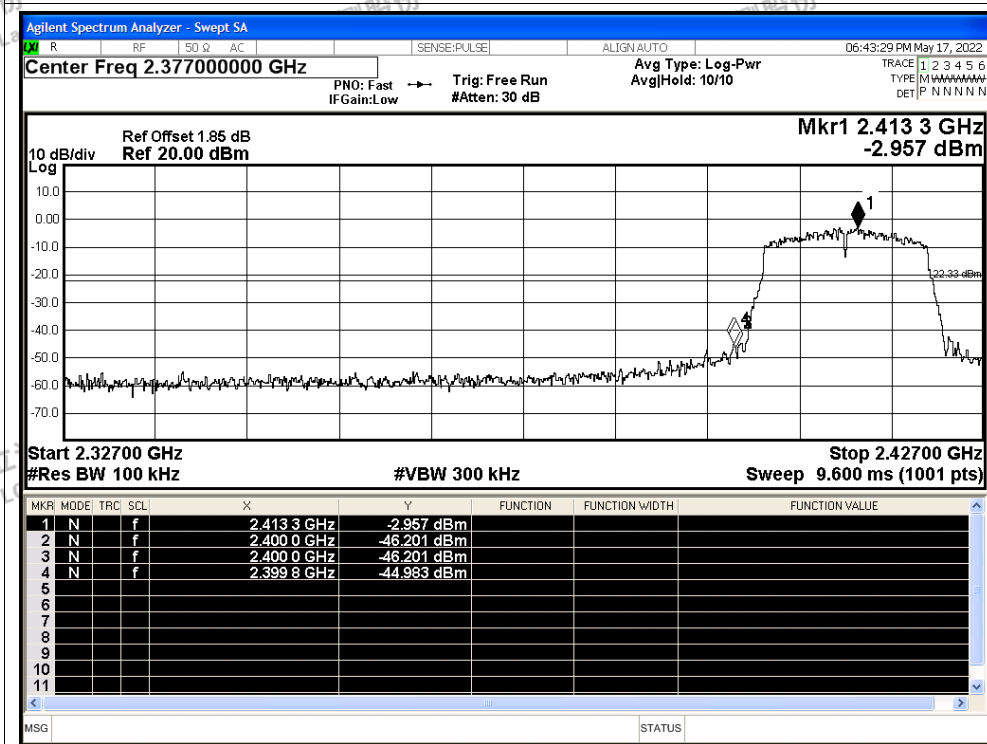
Scan code to check authenticity



Band Edge NVNT n20 2412MHz Ant1 Ref



Band Edge NVNT n20 2412MHz Ant1 Emission



Shenzhen LCS Compliance Testing Laboratory Ltd.

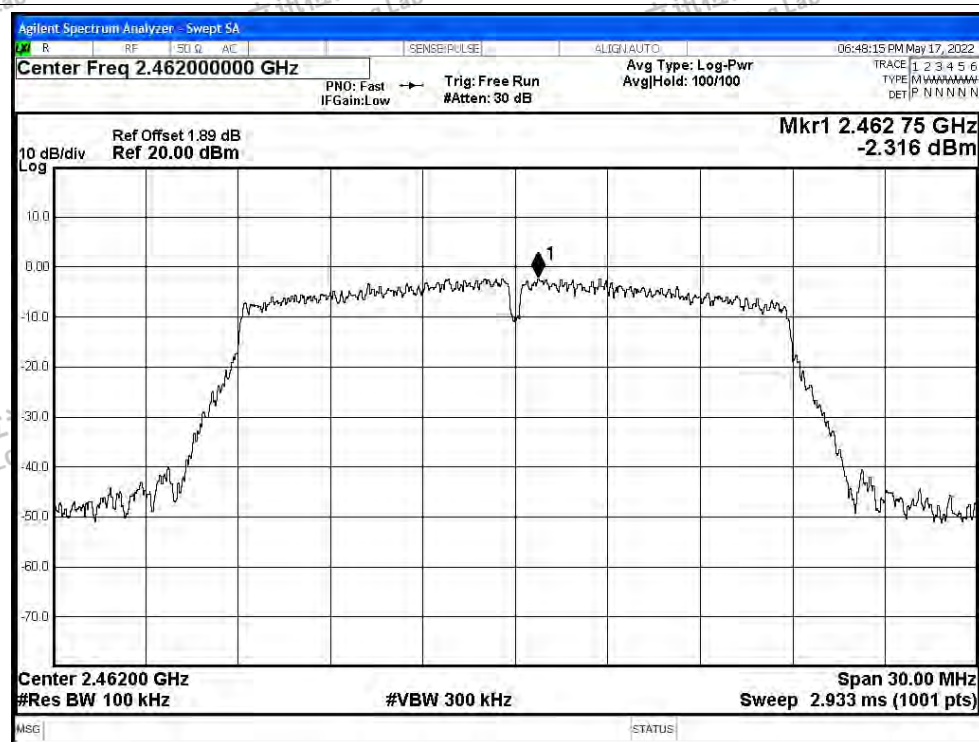
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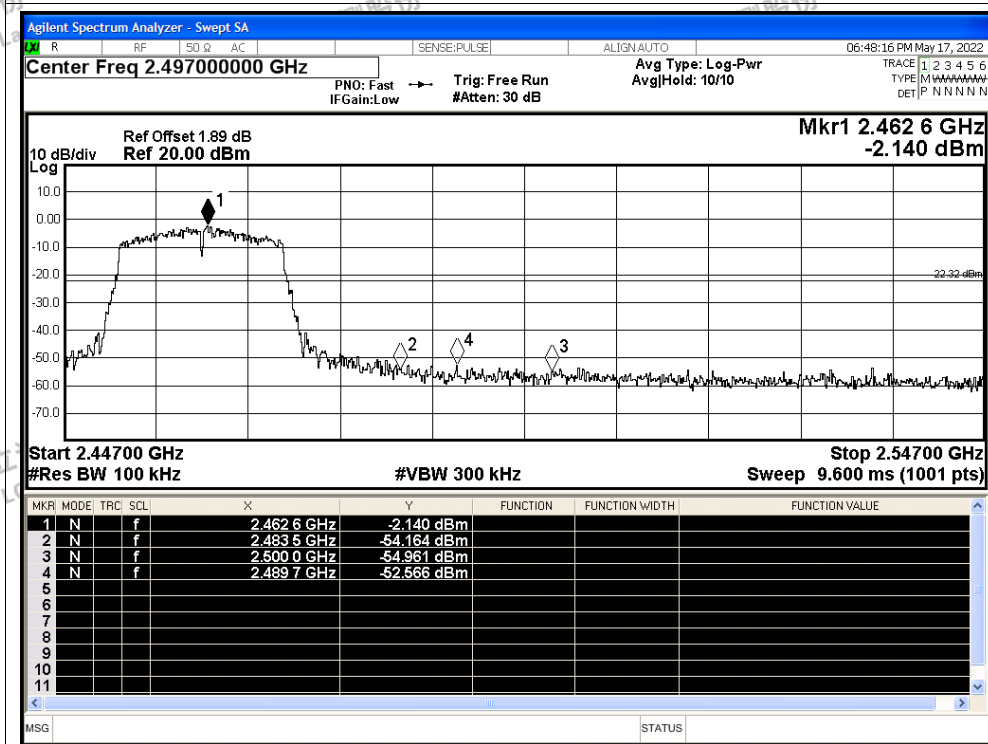
Scan code to check authenticity



Band Edge NVNT n20 2462MHz Ant1 Ref



Band Edge NVNT n20 2462MHz Ant1 Emission





A.6 Conducted RF Spurious Emission

Condition	Mode	Frequency (MHz)	Antenna	Max Value (dBc)	Limit (dBc)	Verdict
NVNT	b	2412	Ant0	-42.85	-20	Pass
NVNT	b	2437	Ant0	-49.4	-20	Pass
NVNT	b	2462	Ant0	-49.4	-20	Pass
NVNT	g	2412	Ant0	-43.05	-20	Pass
NVNT	g	2437	Ant0	-43.65	-20	Pass
NVNT	g	2462	Ant0	-44.95	-20	Pass
NVNT	n20	2412	Ant0	-43.28	-20	Pass
NVNT	n20	2437	Ant0	-44.36	-20	Pass
NVNT	n20	2462	Ant0	-44.32	-20	Pass

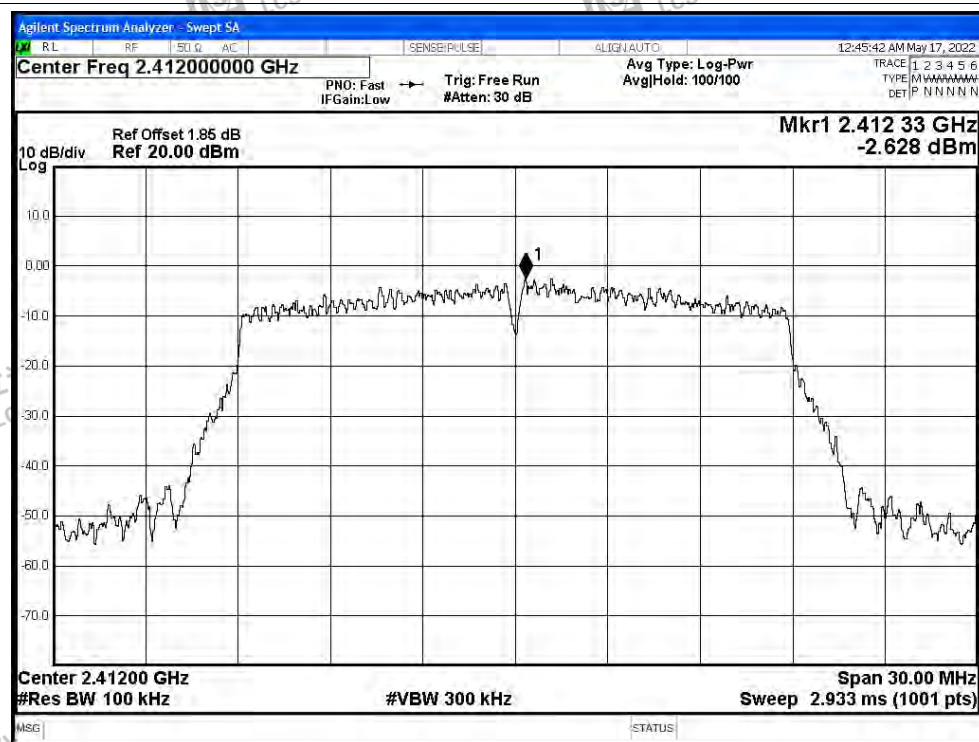


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Tel: +(86) 0755-82591330 | E-mail: webmaster@lcs-cert.com | Web: www.lcs-cert.com
Scan code to check authenticity

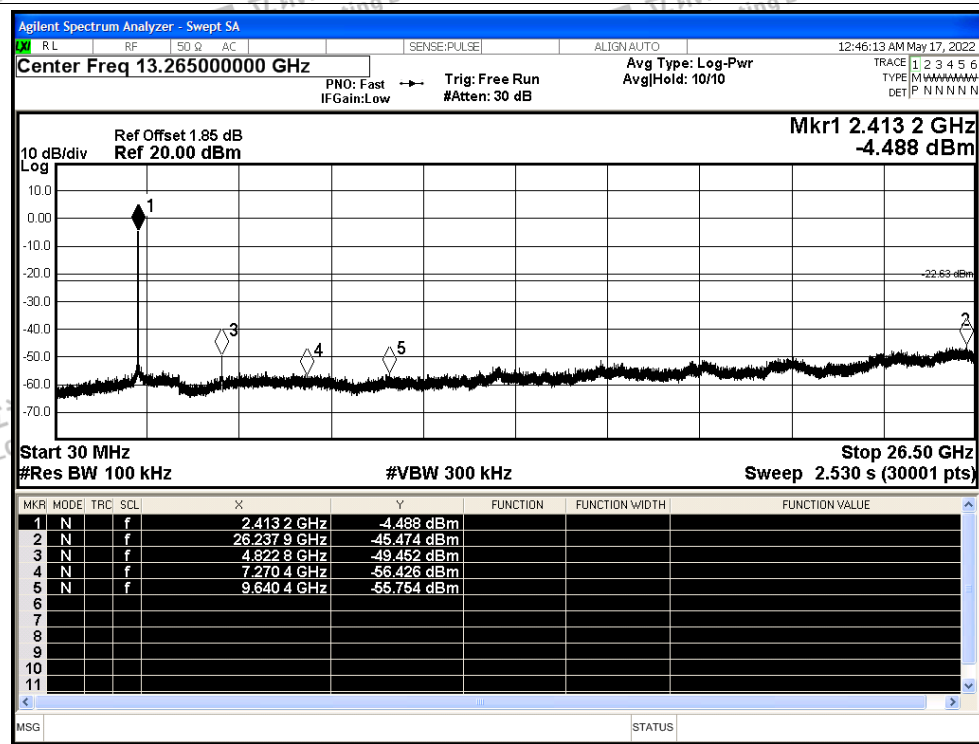


Test Graphs

Tx: Spurious NVNT b 2412MHz Ant0 Ref



Tx: Spurious NVNT b 2412MHz Ant0 Emission



Shenzhen LCS Compliance Testing Laboratory Ltd.

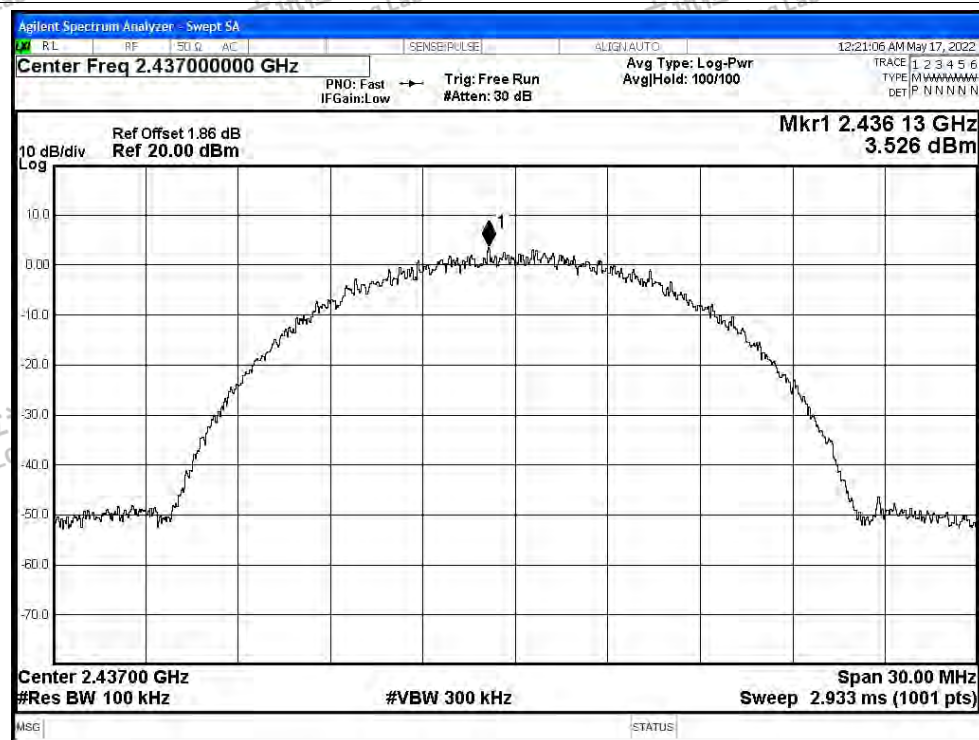
Add: 101, 201 Bldg A & 301 Bldg C, Juji Industrial Park Yabianxueziwei, Shajing Street, Baoan District, Shenzhen, 518000, China

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

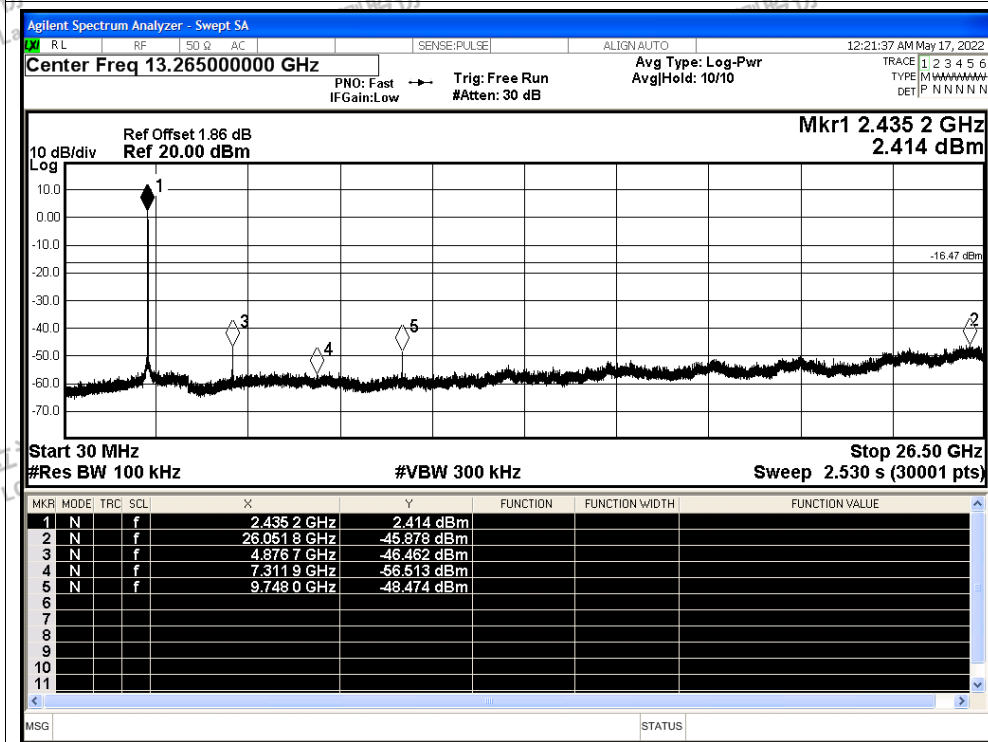
Scan code to check authenticity



Tx: Spurious NVNT b 2437MHz Ant0 Ref

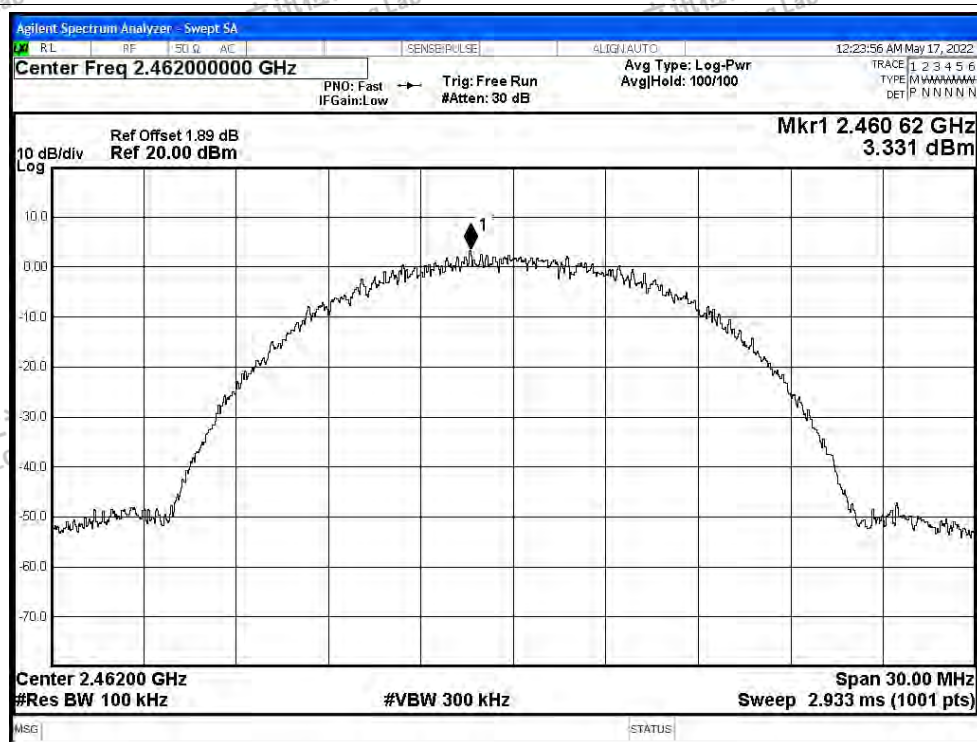


Tx: Spurious NVNT b 2437MHz Ant0 Emission

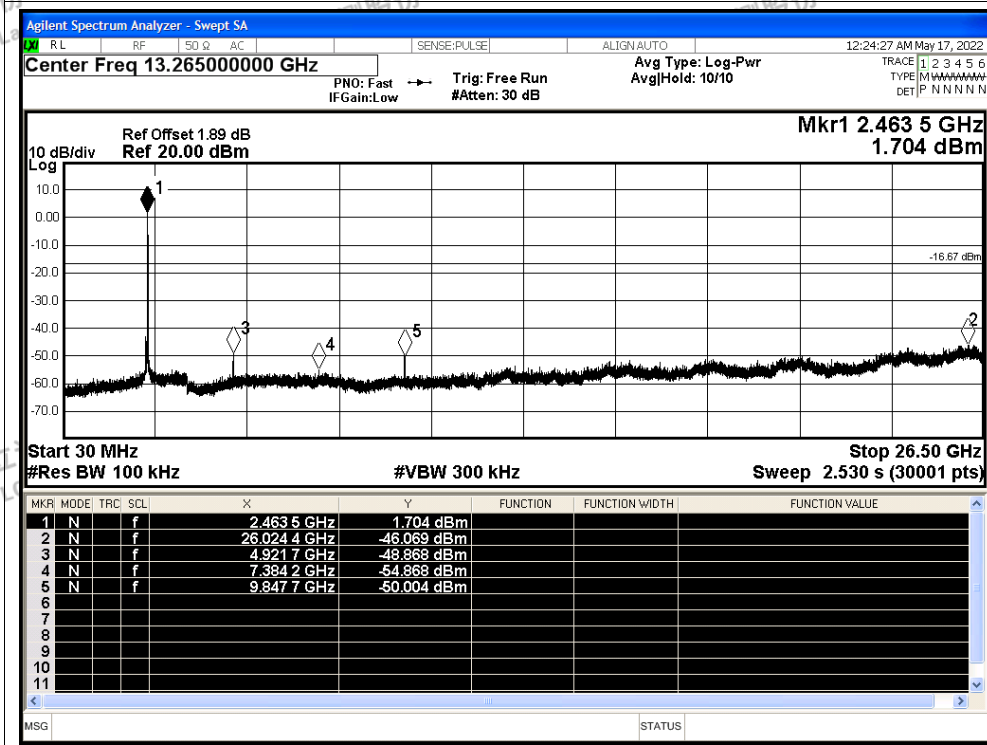




Tx. Spurious NVNT b 2462MHz Ant0 Ref



Tx. Spurious NVNT b 2462MHz Ant0 Emission



Shenzhen LCS Compliance Testing Laboratory Ltd.

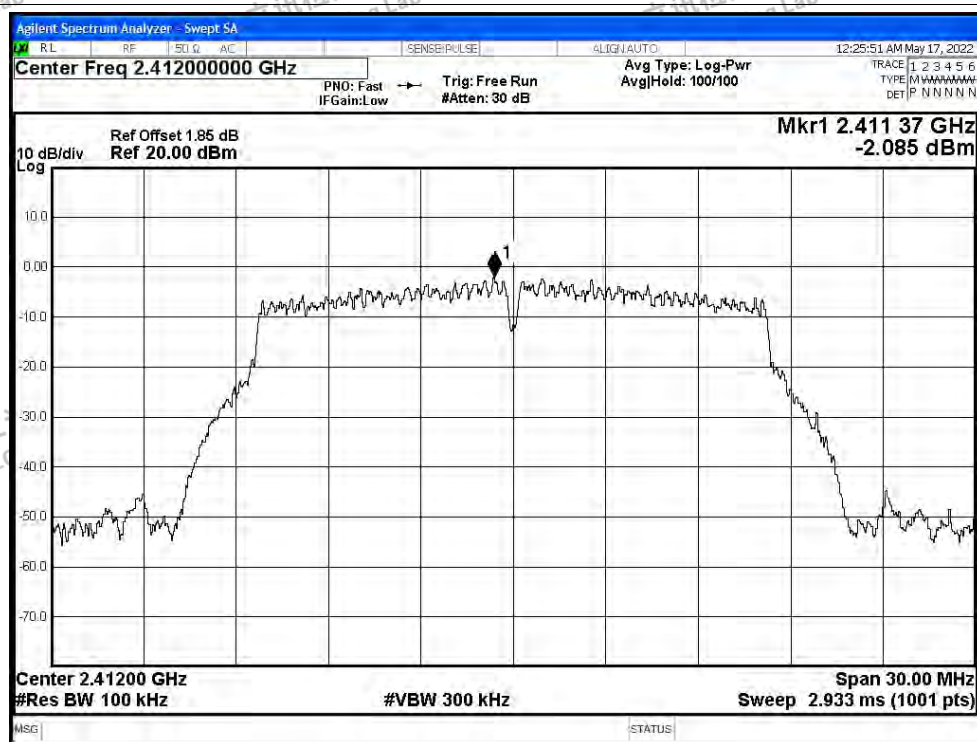
Add: 101, 201 Bldg A & 301 Bldg C, Juji Industrial Park Yabianxueziwei, Shajing Street, Baoan District, Shenzhen, 518000, China

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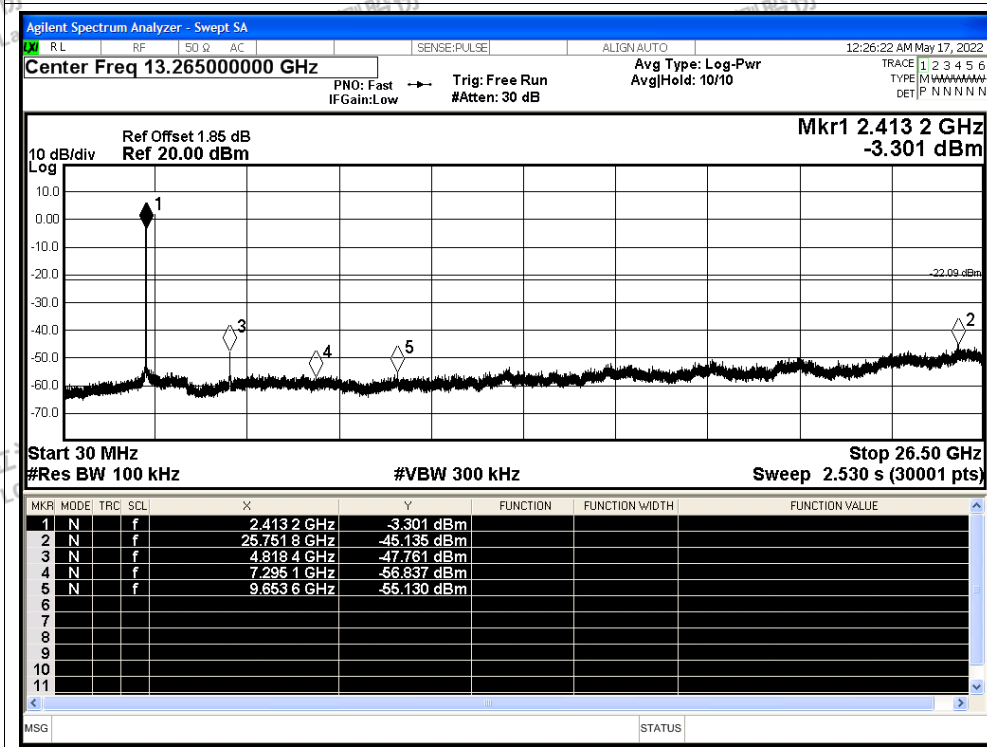
Scan code to check authenticity



Tx: Spurious NVNT g 2412MHz Ant0 Ref



Tx: Spurious NVNT g 2412MHz Ant0 Emission



Shenzhen LCS Compliance Testing Laboratory Ltd.

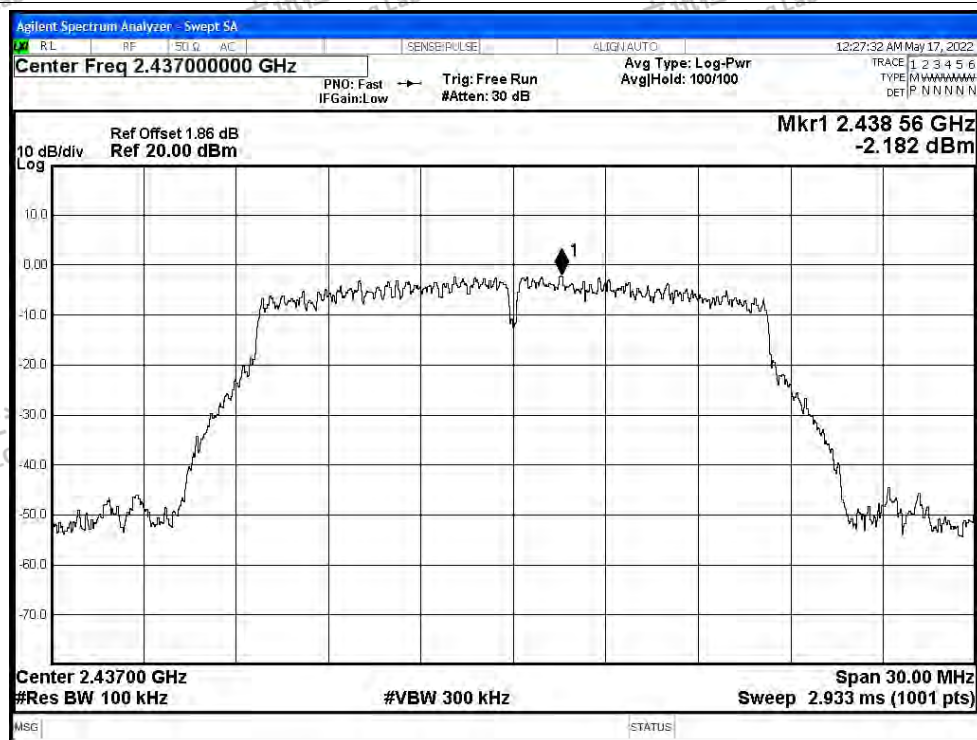
Add: 101, 201 Bldg A & 301 Bldg C, Juji Industrial Park Yabianxueziwei, Shajing Street, Baoan District, Shenzhen, 518000, China

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

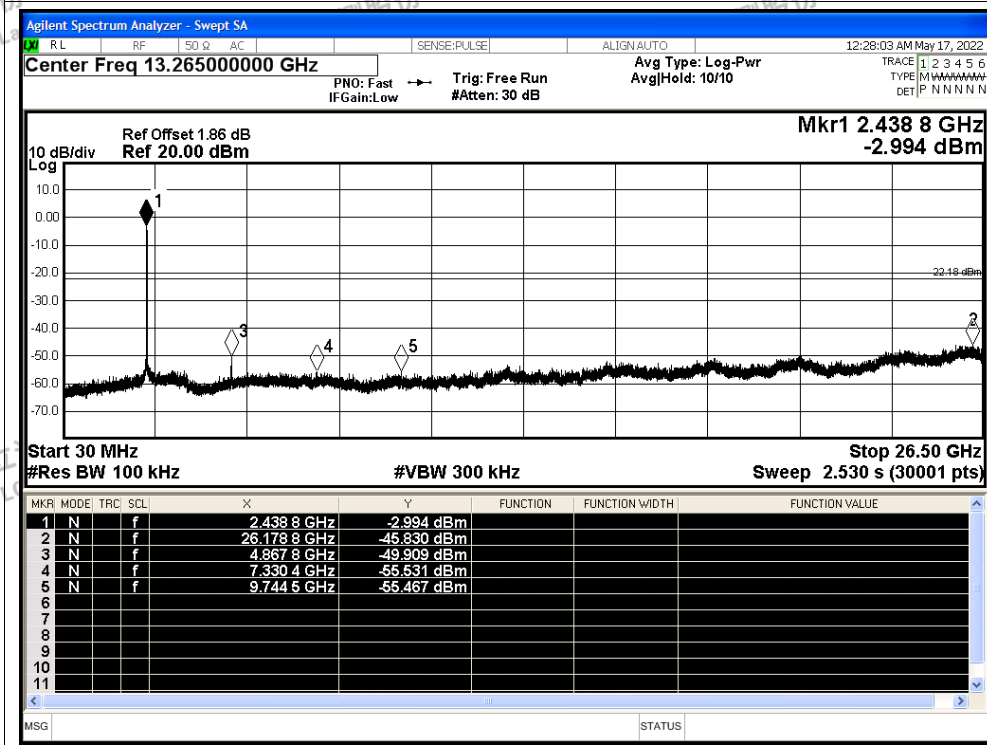
Scan code to check authenticity



Tx: Spurious NVNT g 2437MHz Ant0 Ref



Tx: Spurious NVNT g 2437MHz Ant0 Emission



Shenzhen LCS Compliance Testing Laboratory Ltd.

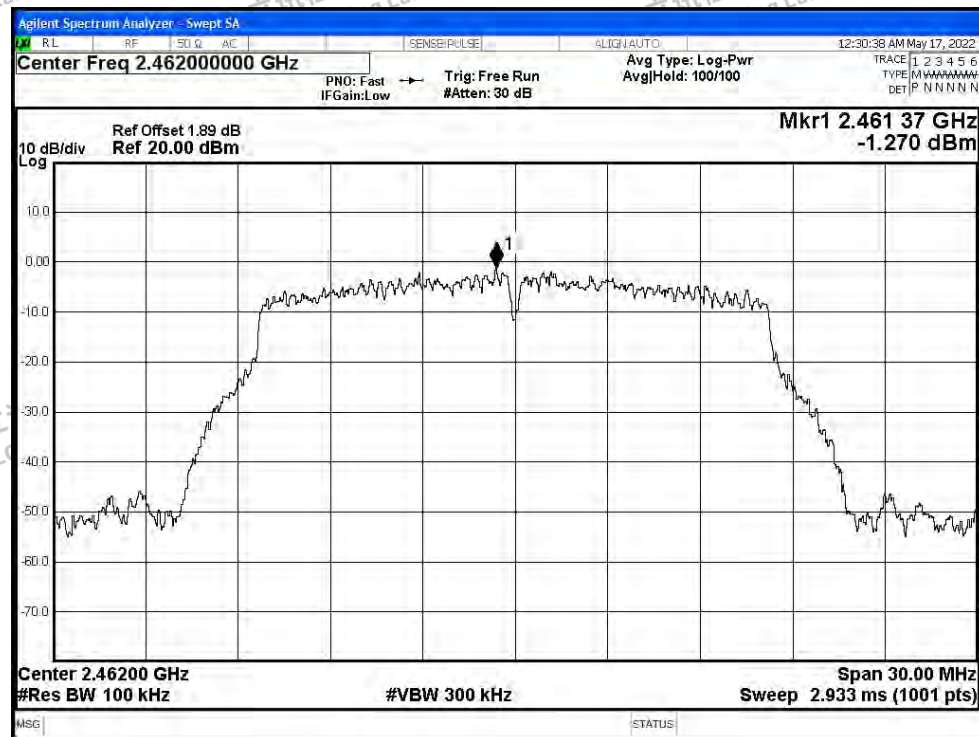
Add: 101, 201 Bldg A & 301 Bldg C, Juji Industrial Park Yabianxueziwei, Shajing Street, Baoan District, Shenzhen, 518000, China

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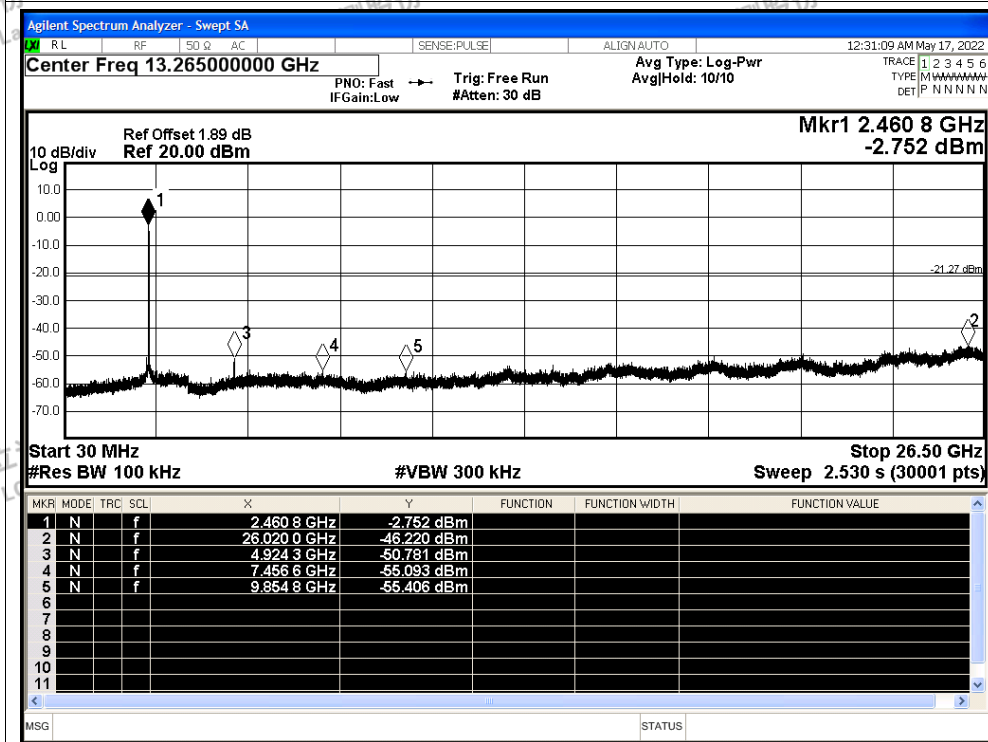
Scan code to check authenticity



Tx: Spurious NVNT g 2462MHz Ant0 Ref



Tx: Spurious NVNT g 2462MHz Ant0 Emission



Shenzhen LCS Compliance Testing Laboratory Ltd.

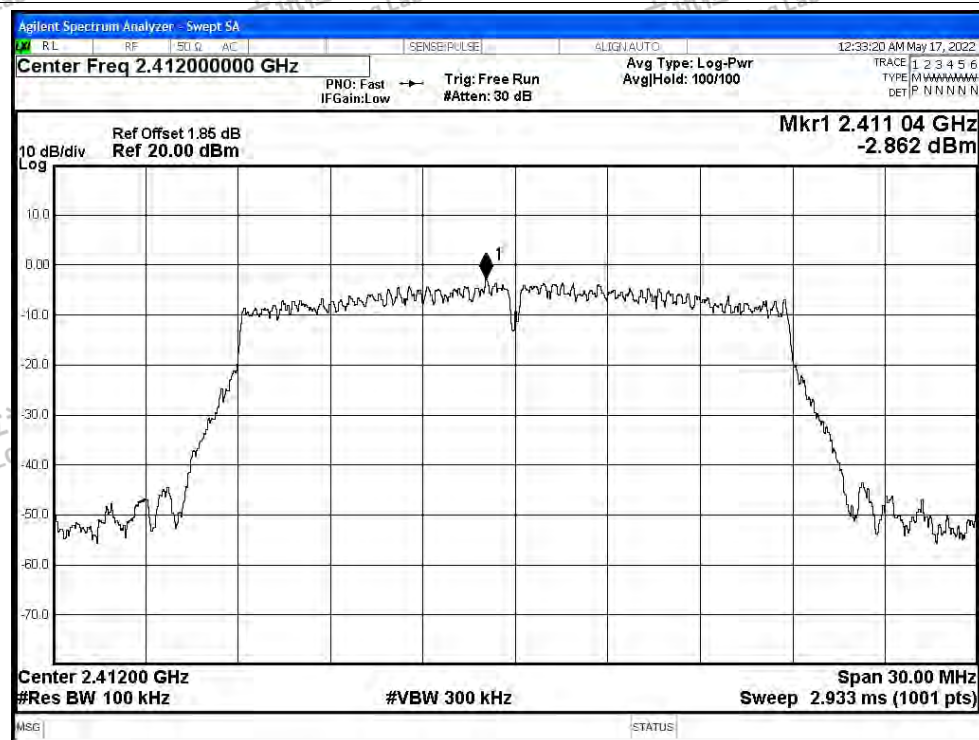
Add: 101, 201 Bldg A & 301 Bldg C, Juji Industrial Park Yabianxueziwei, Shajing Street, Baoan District, Shenzhen, 518000, China

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

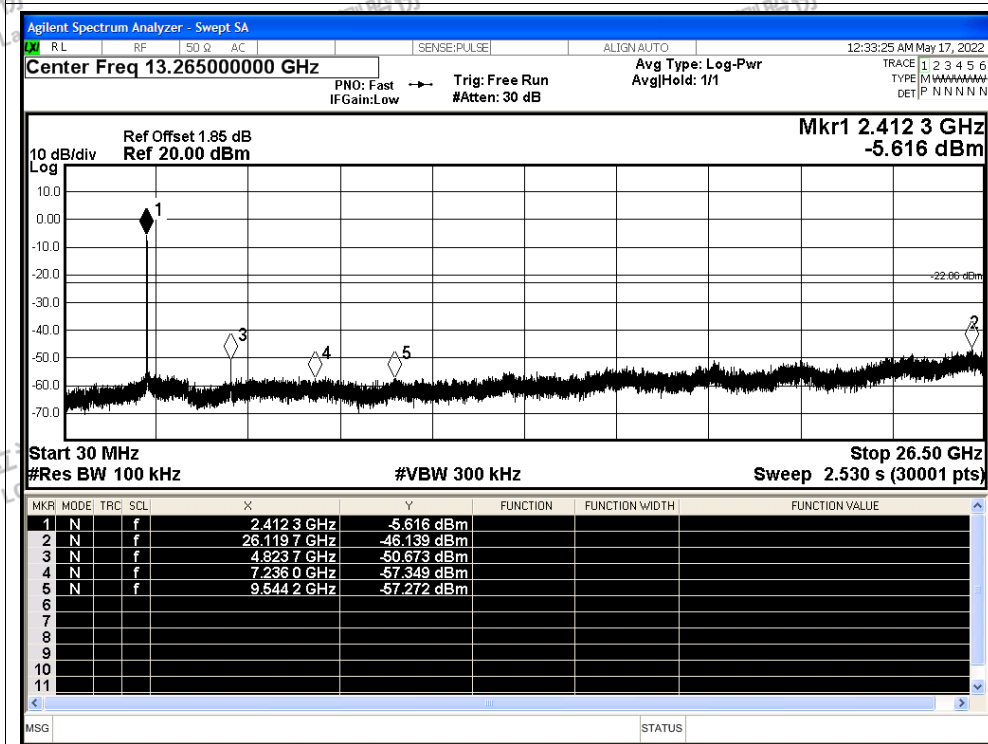
Scan code to check authenticity



Tx. Spurious NVNT n20 2412MHz Ant0 Ref



Tx. Spurious NVNT n20 2412MHz Ant0 Emission



Shenzhen LCS Compliance Testing Laboratory Ltd.

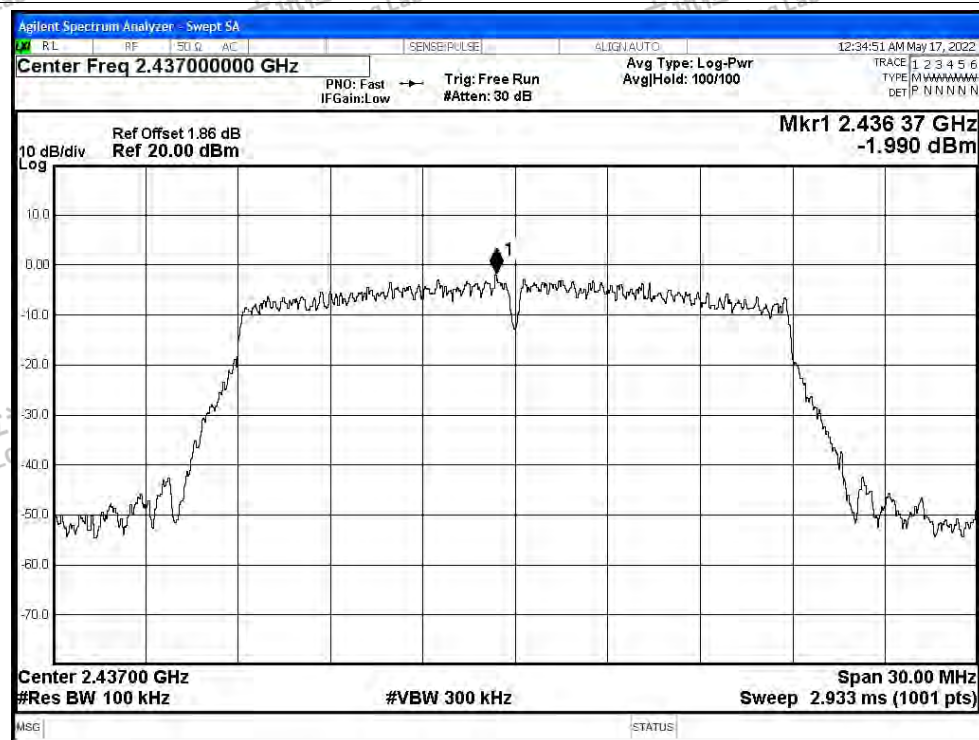
Add: 101, 201 Bldg A & 301 Bldg C, Juji Industrial Park Yabianxueziwei, Shajing Street, Baoan District, Shenzhen, 518000, China

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

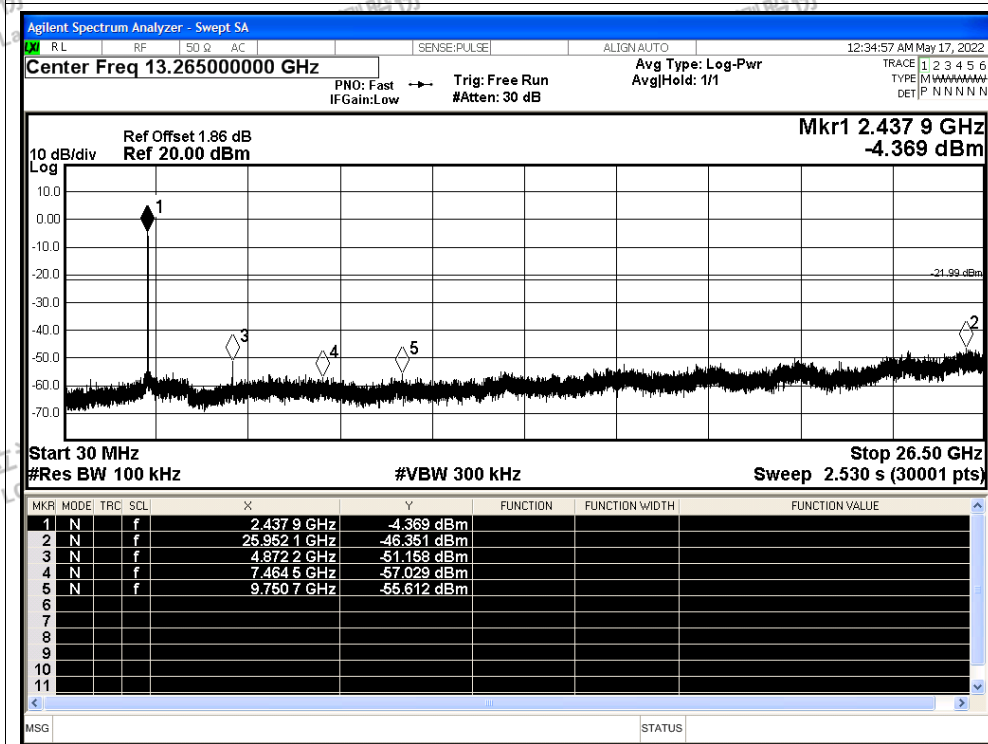
Scan code to check authenticity



Tx. Spurious NVNT n20 2437MHz Ant0 Ref

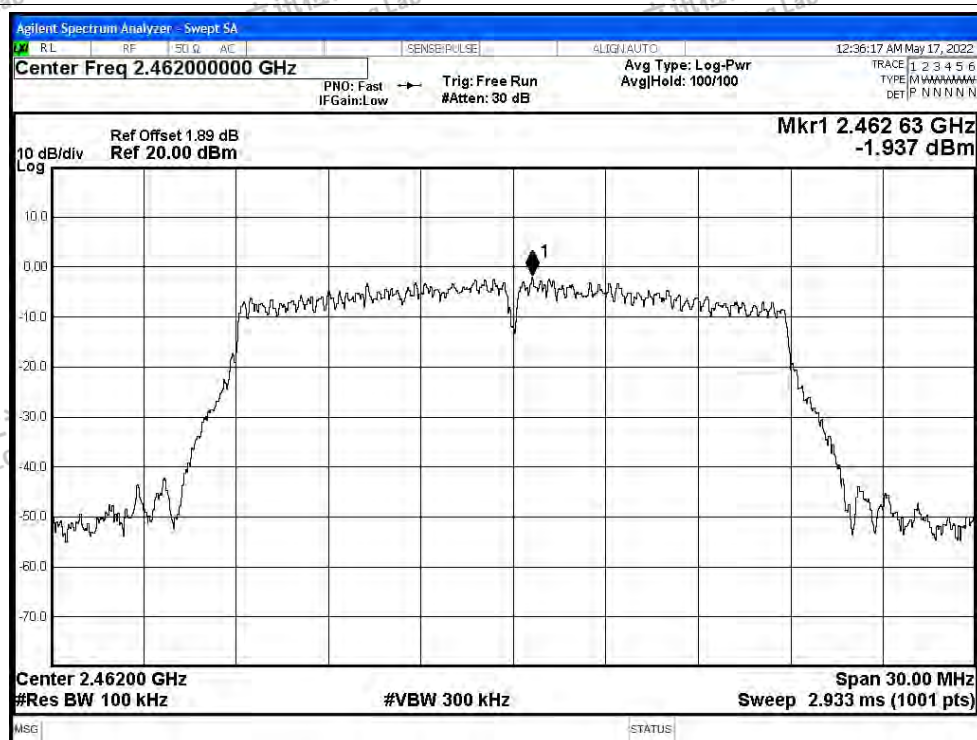


Tx. Spurious NVNT n20 2437MHz Ant0 Emission

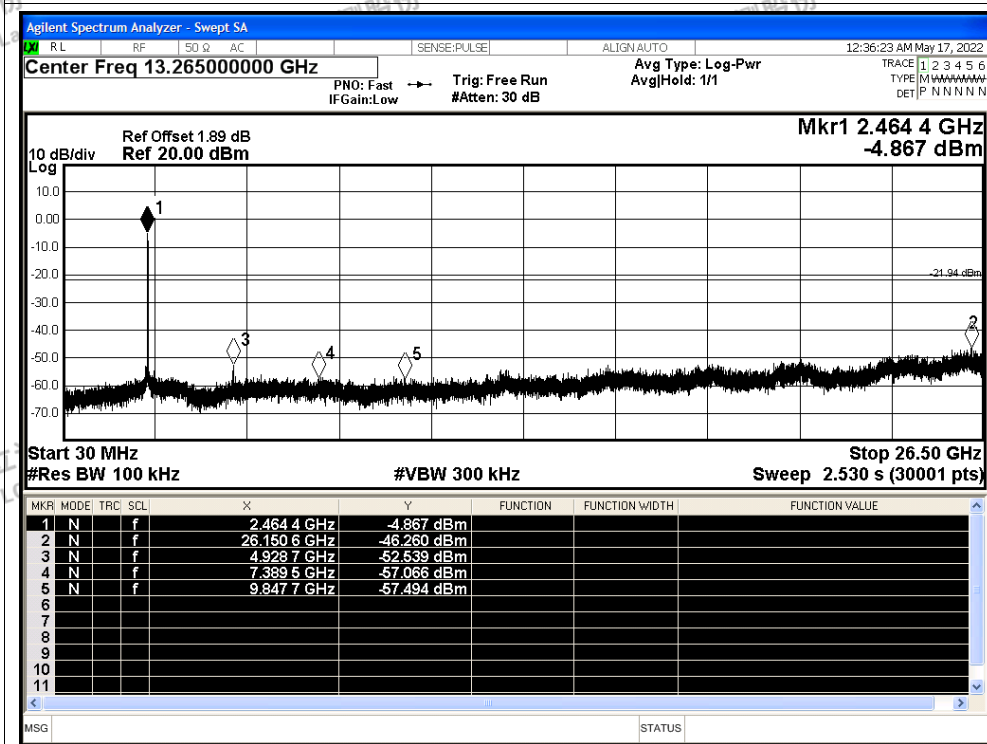




Tx. Spurious NVNT n20 2462MHz Ant0 Ref



Tx. Spurious NVNT n20 2462MHz Ant0 Emission



Shenzhen LCS Compliance Testing Laboratory Ltd.

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Condition	Mode	Frequency (MHz)	Antenna	Max Value (dBc)	Limit (dBc)	Verdict
NVNT	b	2412	Ant1	-47.45	-20	Pass
NVNT	b	2437	Ant1	-48.32	-20	Pass
NVNT	b	2462	Ant1	-47.81	-20	Pass
NVNT	g	2412	Ant1	-42.96	-20	Pass
NVNT	g	2437	Ant1	-45.06	-20	Pass
NVNT	g	2462	Ant1	-43.5	-20	Pass
NVNT	n20	2412	Ant1	-43.66	-20	Pass
NVNT	n20	2437	Ant1	-45.1	-20	Pass
NVNT	n20	2462	Ant1	-44.42	-20	Pass

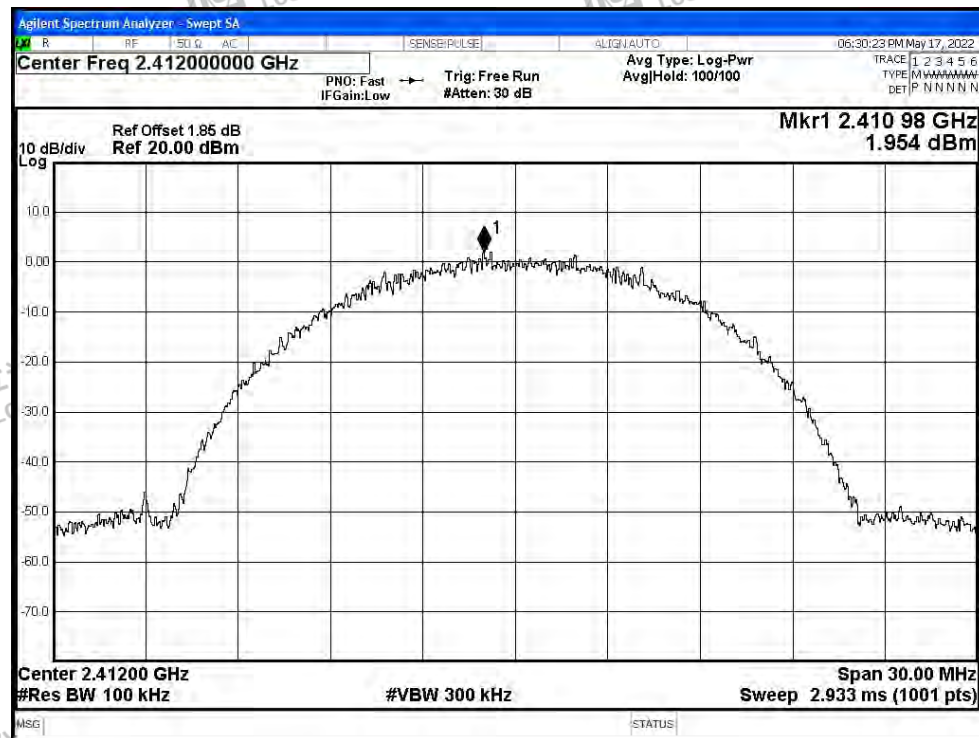


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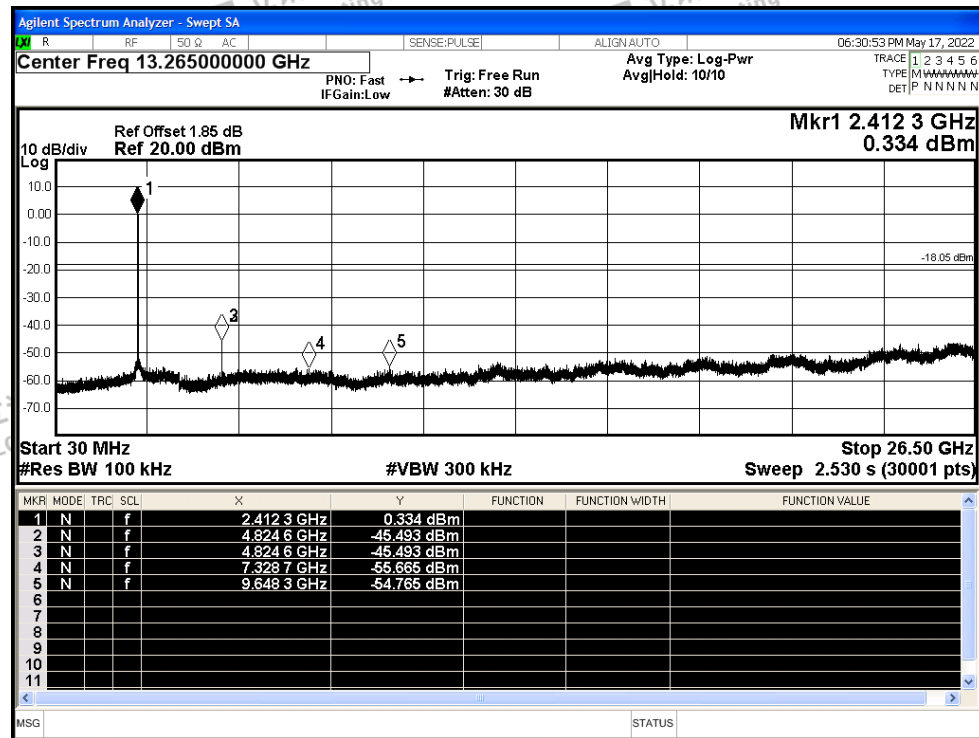


Test Graphs

Tx: Spurious NVNT b 2412MHz Ant1 Ref



Tx: Spurious NVNT b 2412MHz Ant1 Emission



Shenzhen LCS Compliance Testing Laboratory Ltd.

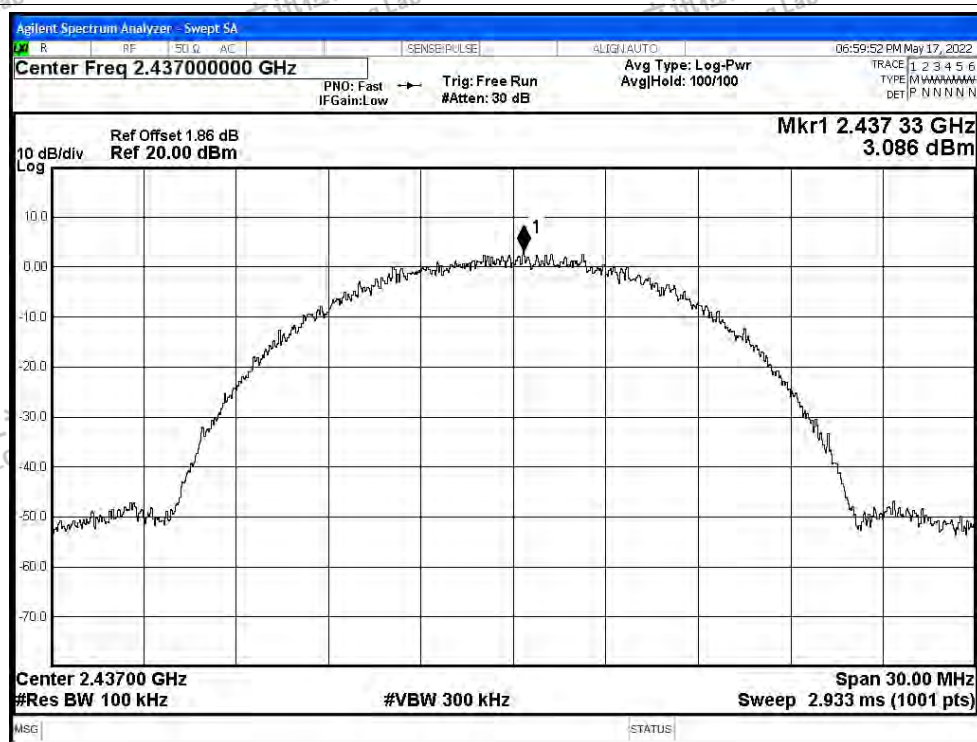
Add: 101, 201 Bldg A & 301 Bldg C, Juji Industrial Park Yabianxueziwei, Shajing Street, Baoan District, Shenzhen, 518000, China

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

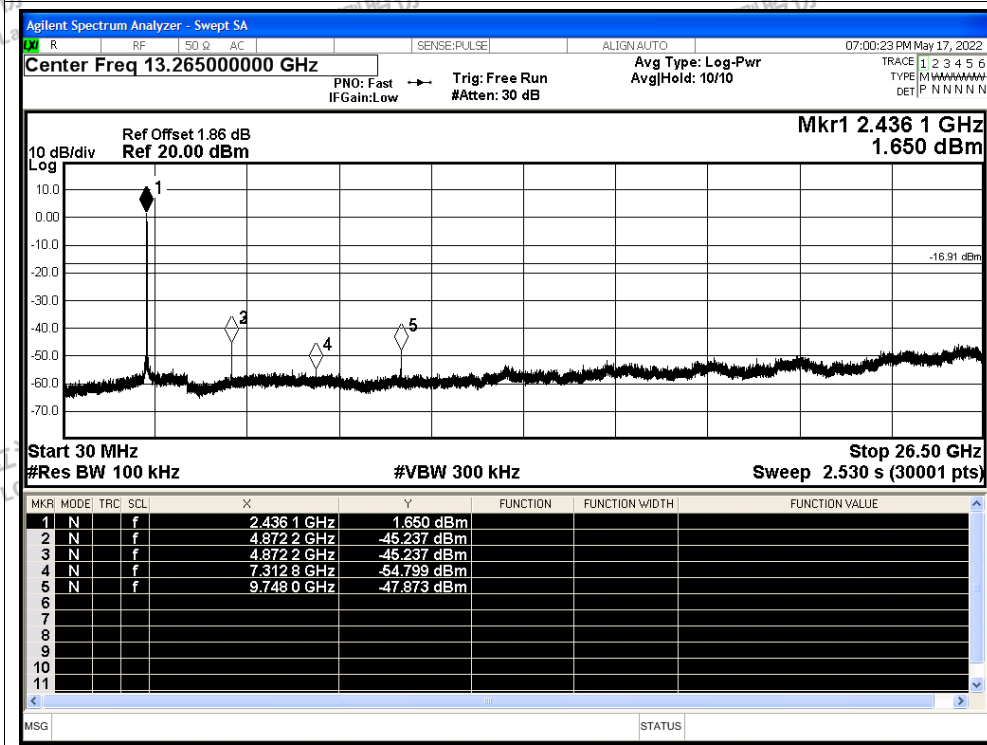
Scan code to check authenticity



Tx. Spurious NVNT b 2437MHz Ant1 Ref



Tx. Spurious NVNT b 2437MHz Ant1 Emission



Shenzhen LCS Compliance Testing Laboratory Ltd.

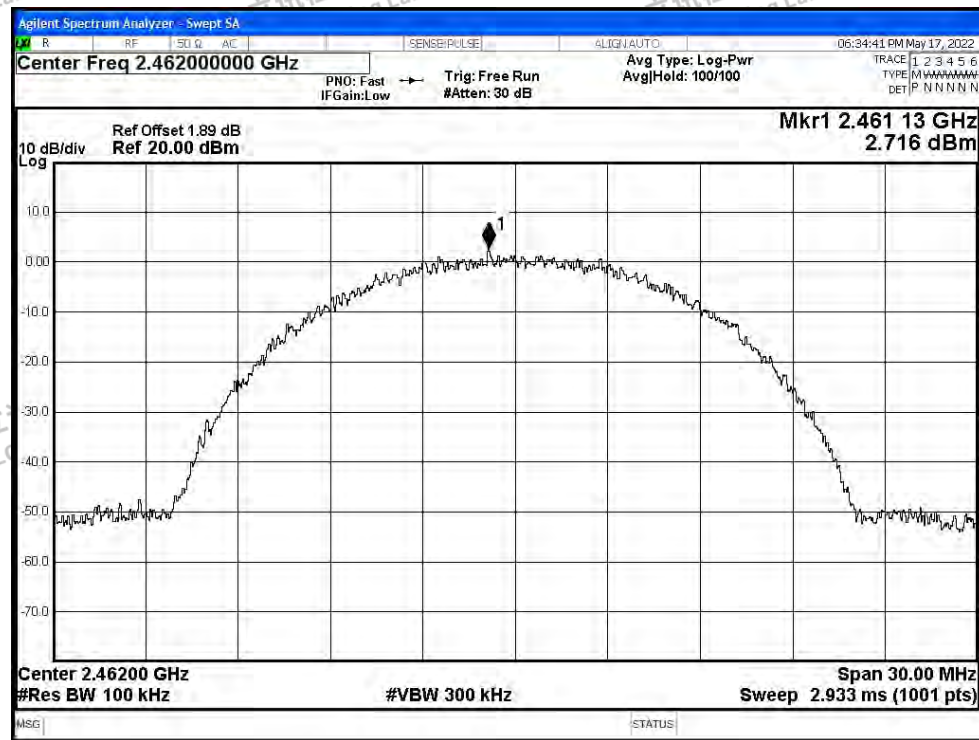
Add: 101, 201 Bldg A & 301 Bldg C, Juji Industrial Park Yabianxueziwei, Shajing Street, Baoan District, Shenzhen, 518000, China

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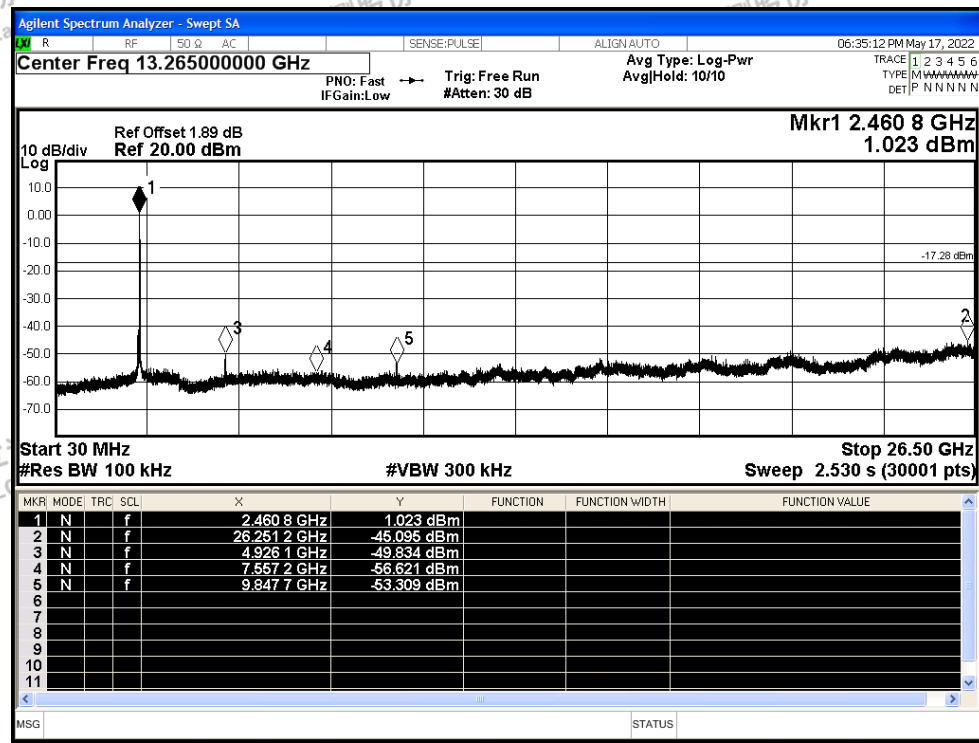
Scan code to check authenticity



Tx: Spurious NVNT b 2462MHz Ant1 Ref

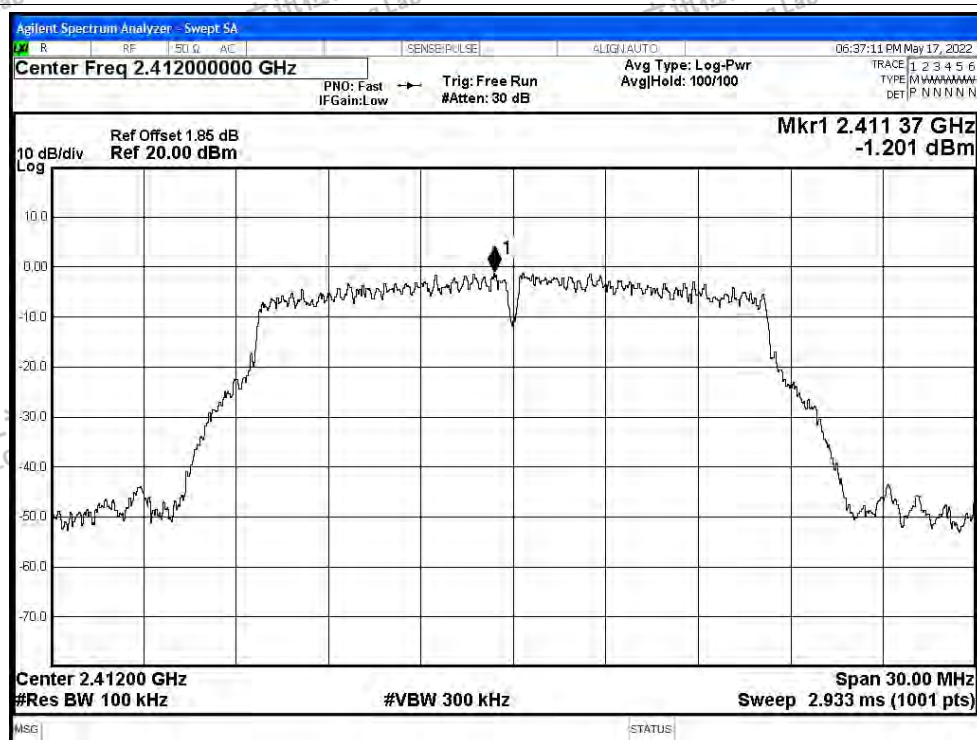


Tx: Spurious NVNT b 2462MHz Ant1 Emission

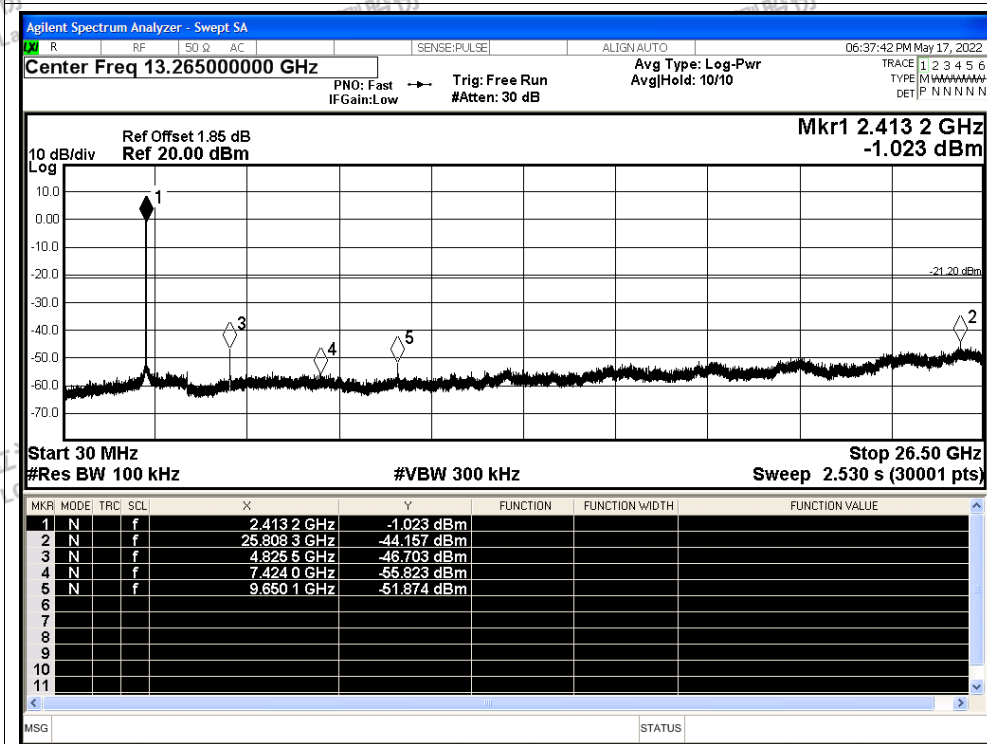




Tx: Spurious NVNT g 2412MHz Ant1 Ref



Tx: Spurious NVNT g 2412MHz Ant1 Emission



Shenzhen LCS Compliance Testing Laboratory Ltd.

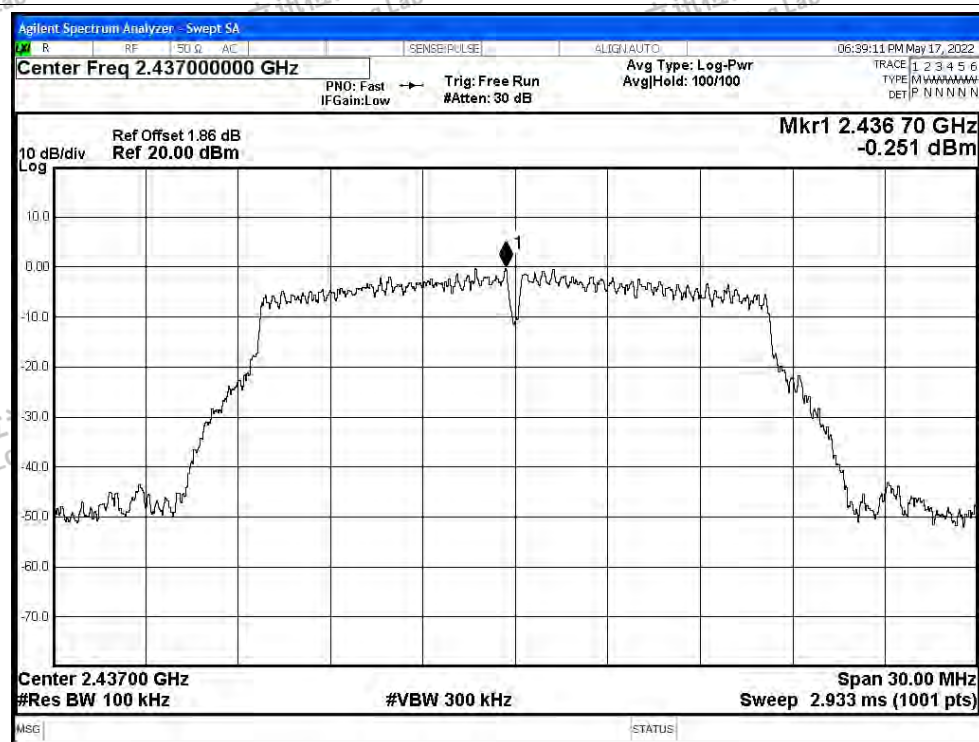
Add: 101, 201 Bldg A & 301 Bldg C, Juji Industrial Park Yabianxueziwei, Shajing Street, Baoan District, Shenzhen, 518000, China

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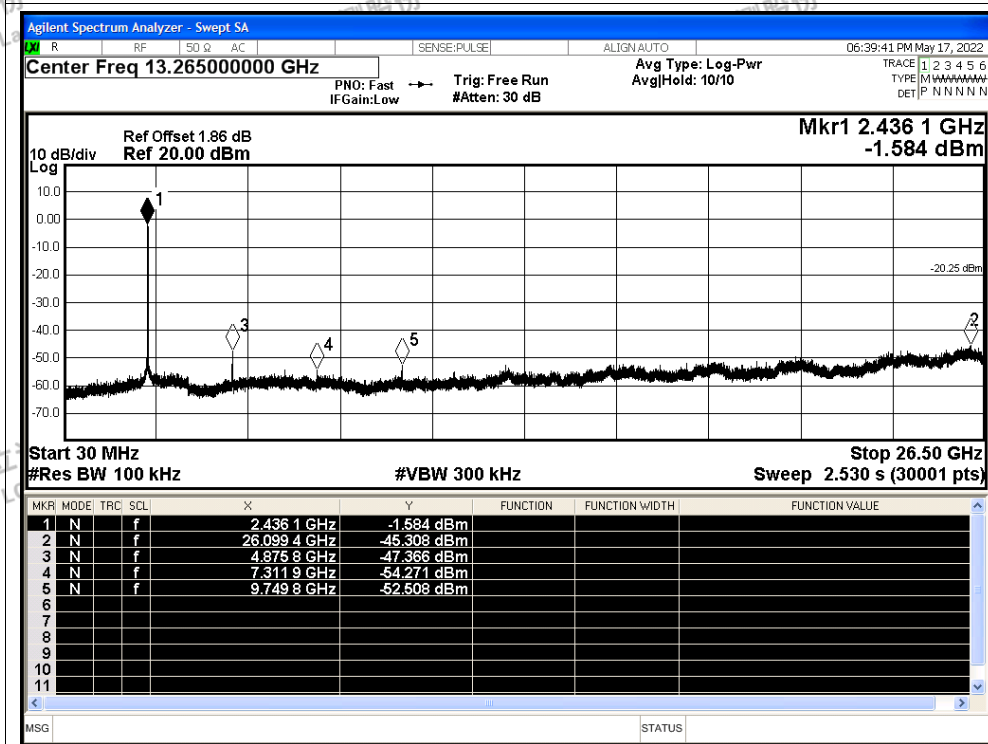
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Tx: Spurious NVNT g 2437MHz Ant1 Ref

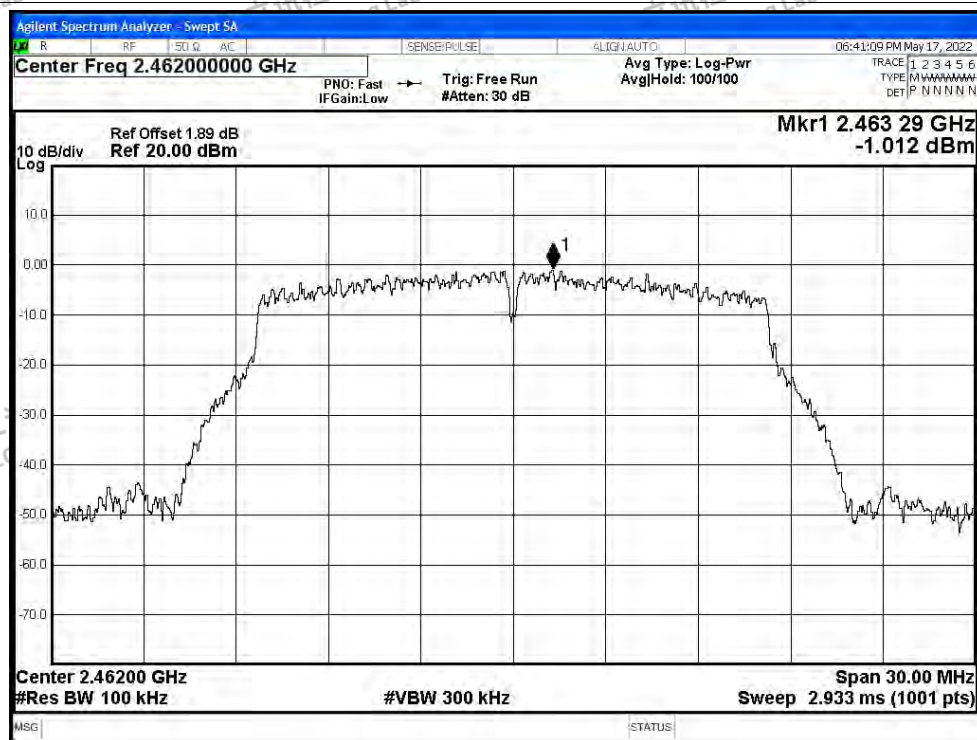


Tx: Spurious NVNT g 2437MHz Ant1 Emission

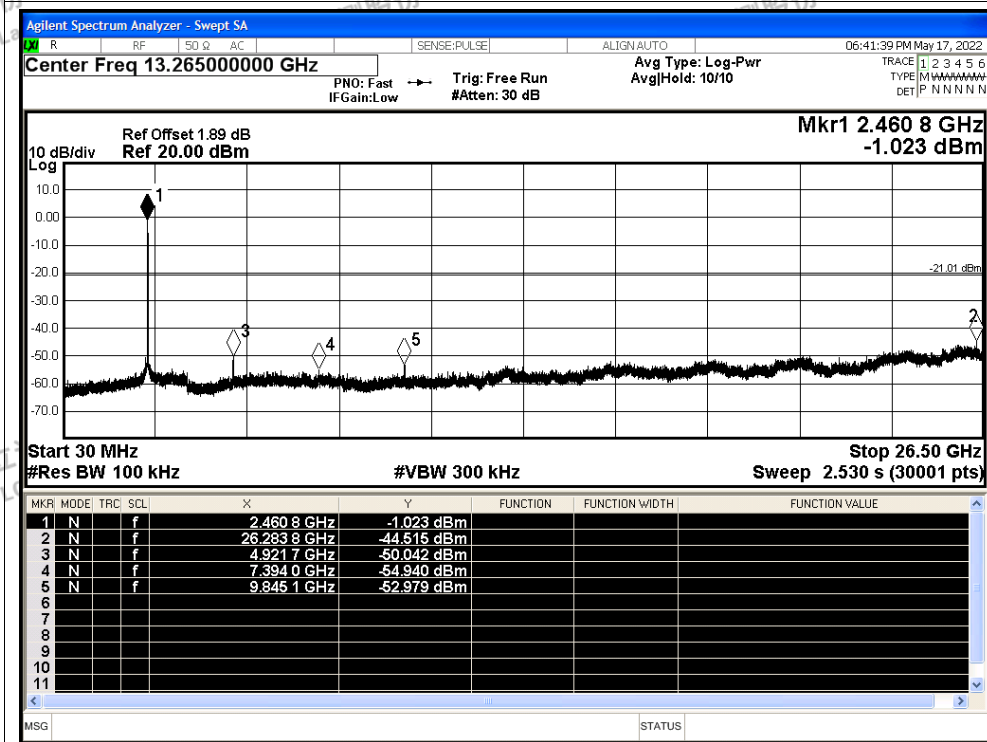




Tx: Spurious NVNT g 2462MHz Ant1 Ref



Tx: Spurious NVNT g 2462MHz Ant1 Emission



Shenzhen LCS Compliance Testing Laboratory Ltd.

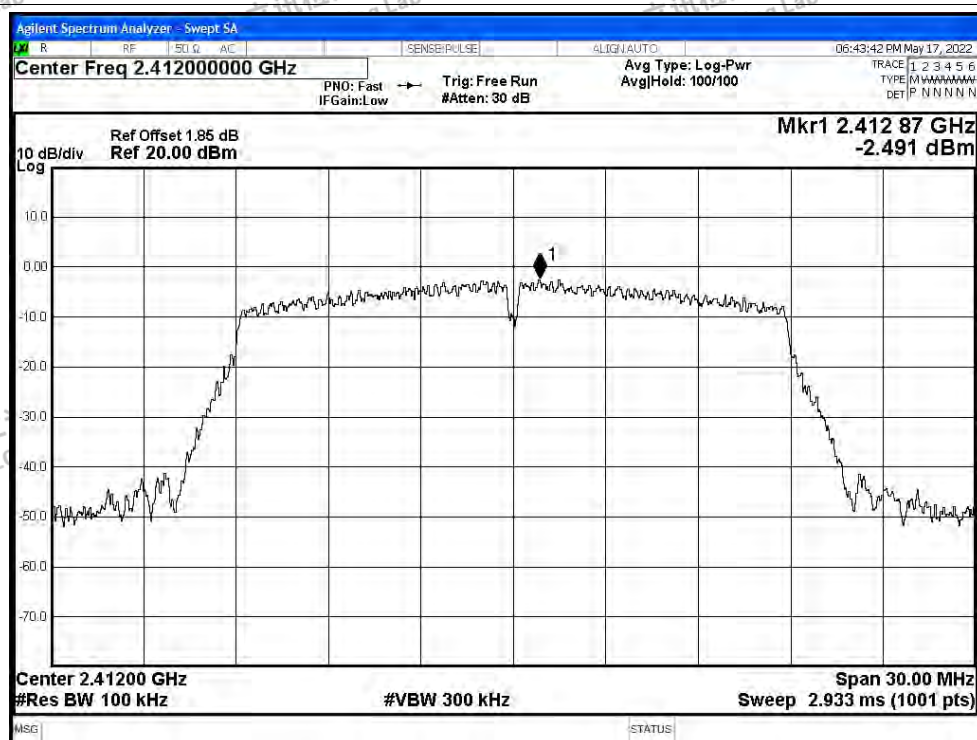
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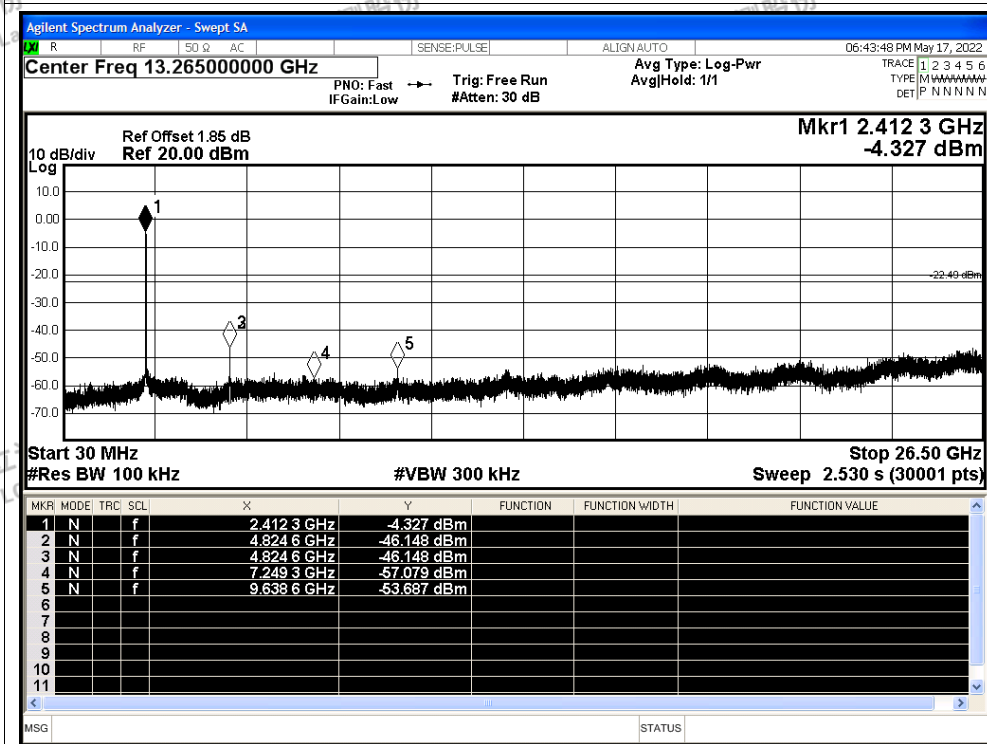
Scan code to check authenticity



Tx. Spurious NVNT n20 2412MHz Ant1 Ref



Tx. Spurious NVNT n20 2412MHz Ant1 Emission



Shenzhen LCS Compliance Testing Laboratory Ltd.

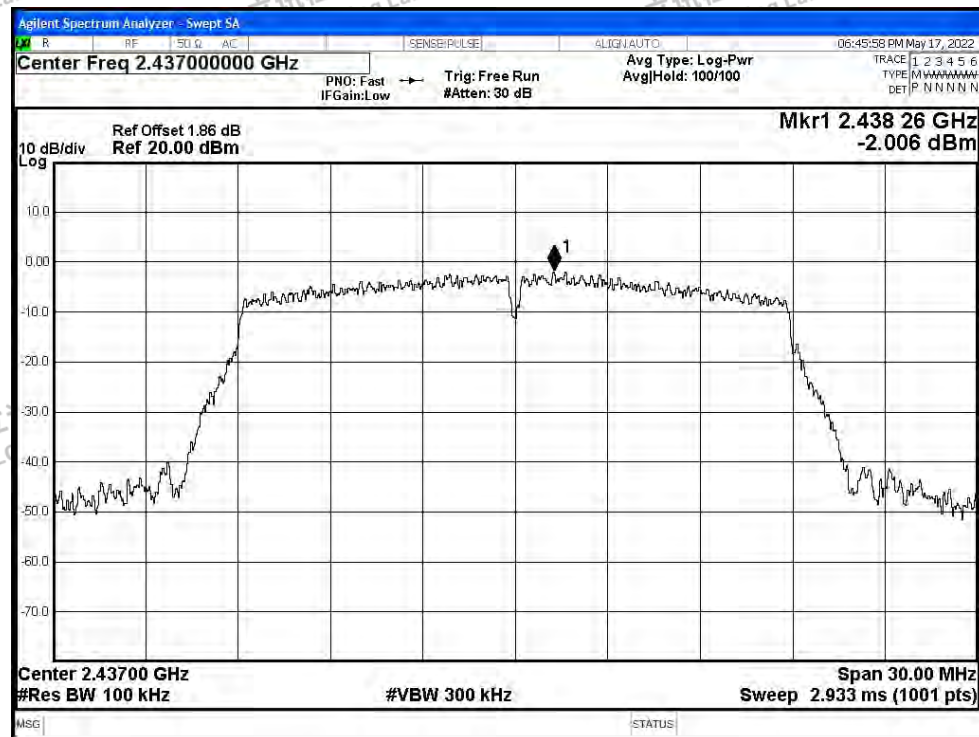
Add: 101, 201 Bldg A & 301 Bldg C, Juji Industrial Park Yabianxueziwei, Shajing Street, Baoan District, Shenzhen, 518000, China

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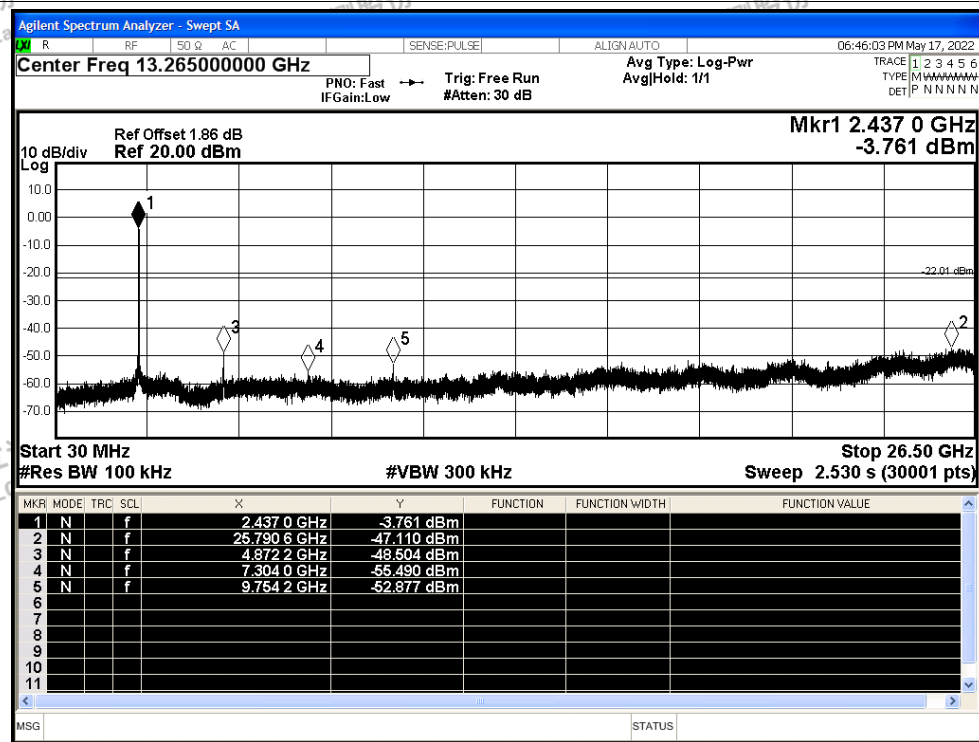
Scan code to check authenticity



Tx. Spurious NVNT n20 2437MHz Ant1 Ref

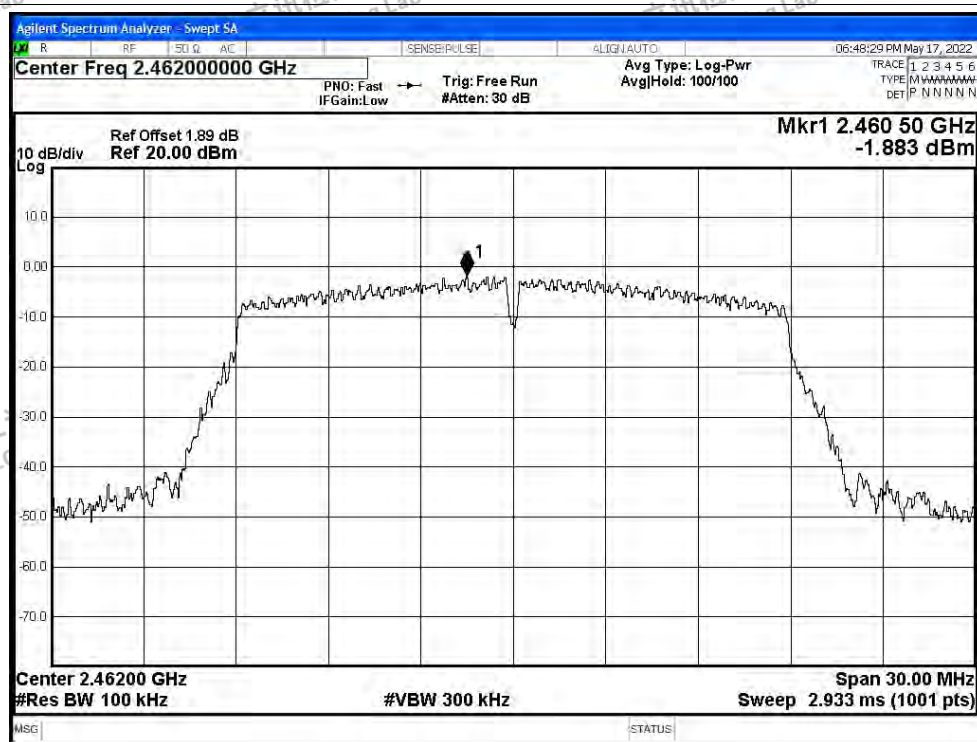


Tx. Spurious NVNT n20 2437MHz Ant1 Emission

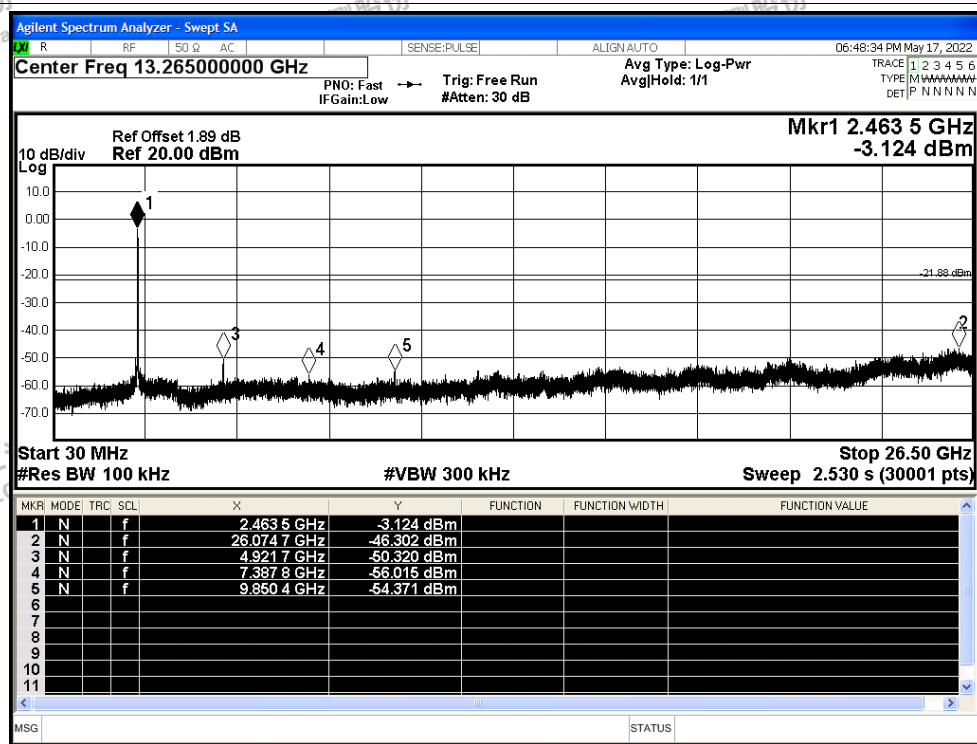




Tx. Spurious NVNT n20 2462MHz Ant1 Ref



Tx. Spurious NVNT n20 2462MHz Ant1 Emission



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A.7 Duty Cycle

Condition	Mode	Frequency (MHz)	Antenna	Duty Cycle (%)	Correction Factor (dB)	1/T (kHz)
NVNT	b	2412	Ant0	100	0	0
NVNT	b	2437	Ant0	100	0	0
NVNT	b	2462	Ant0	100	0	0
NVNT	g	2412	Ant0	100	0	0
NVNT	g	2437	Ant0	100	0	0
NVNT	g	2462	Ant0	100	0	0
NVNT	n20	2412	Ant0	100	0	0
NVNT	n20	2437	Ant0	100	0	0
NVNT	n20	2462	Ant0	100	0	0

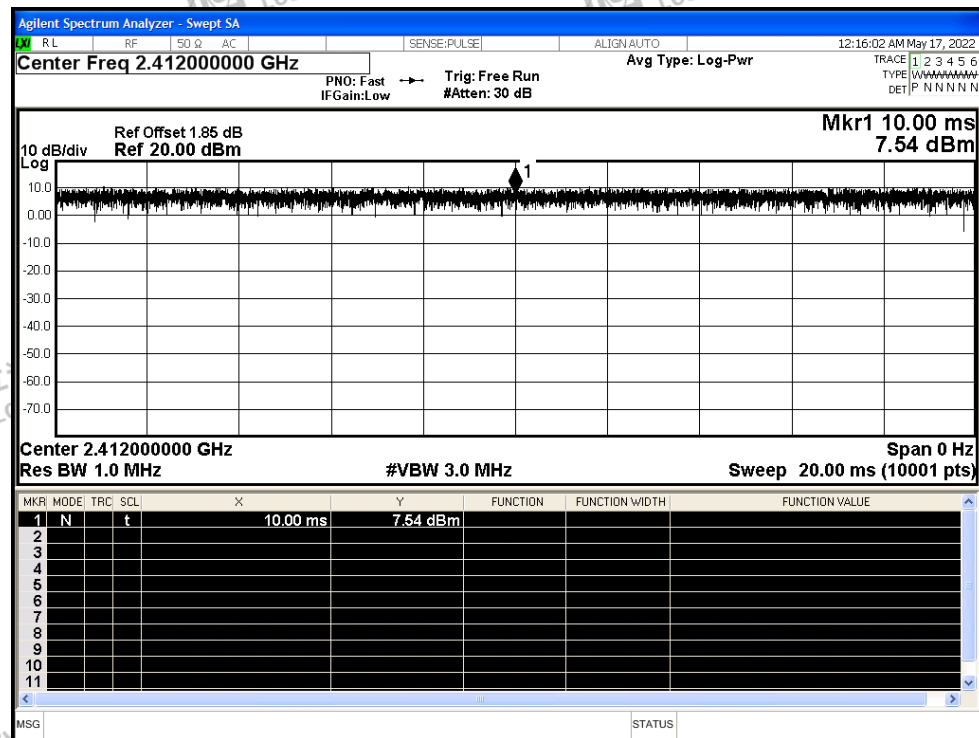


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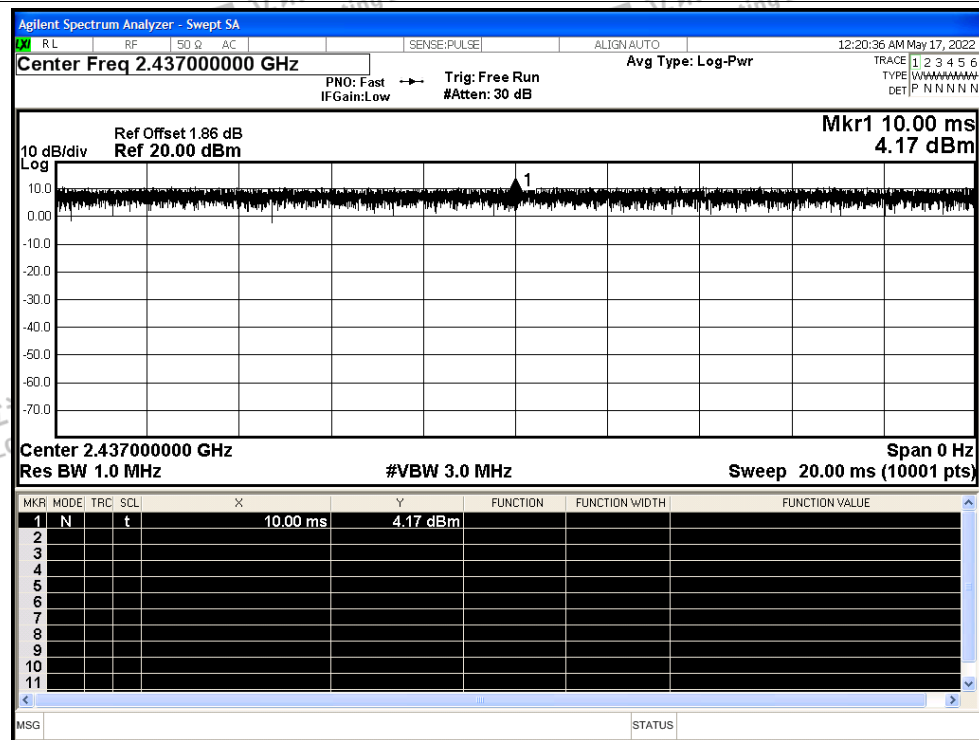


Test Graphs

Duty Cycle NVNT b 2412MHz Ant0



Duty Cycle NVNT b 2437MHz Ant0



Shenzhen LCS Compliance Testing Laboratory Ltd.

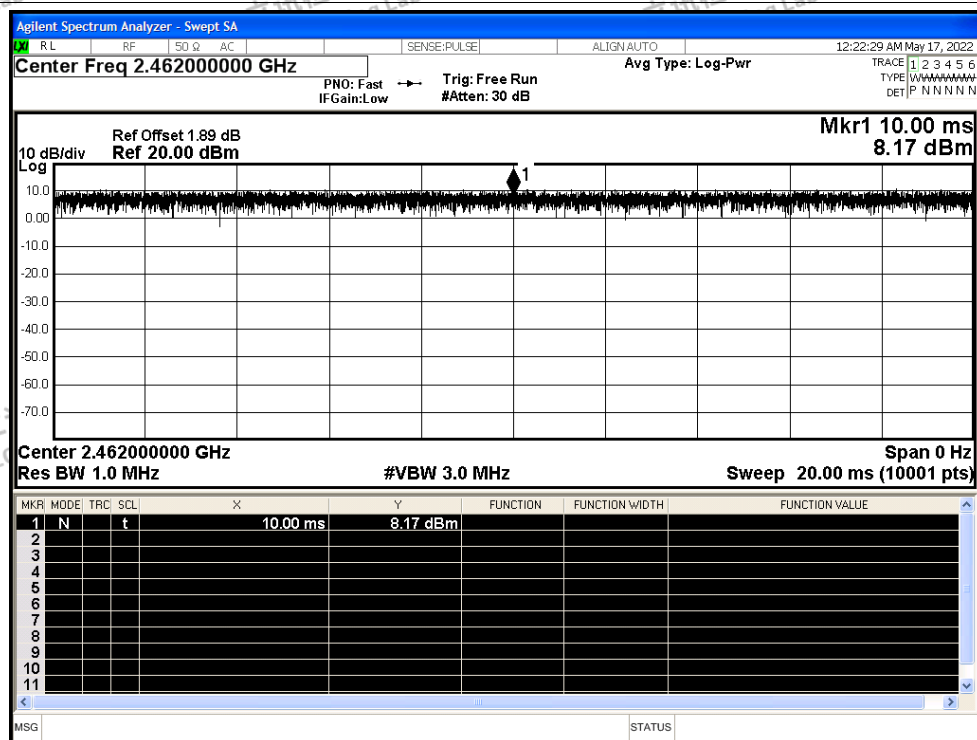
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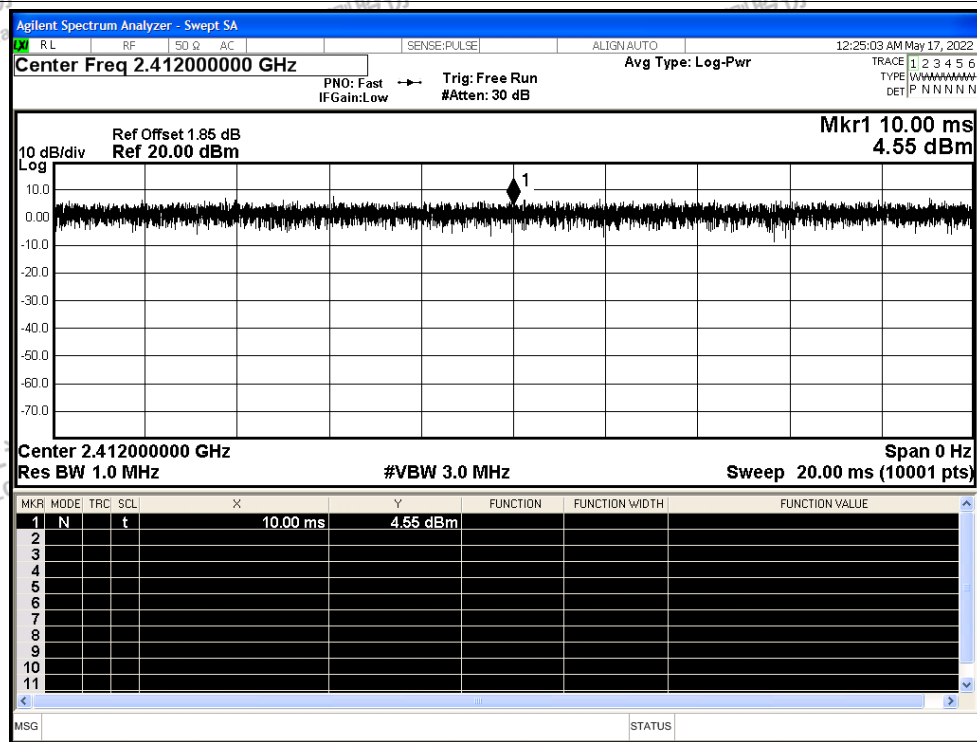
Scan code to check authenticity



Duty Cycle NVNT b 2462MHz Ant0



Duty Cycle NVNT g 2412MHz Ant0



Shenzhen LCS Compliance Testing Laboratory Ltd.

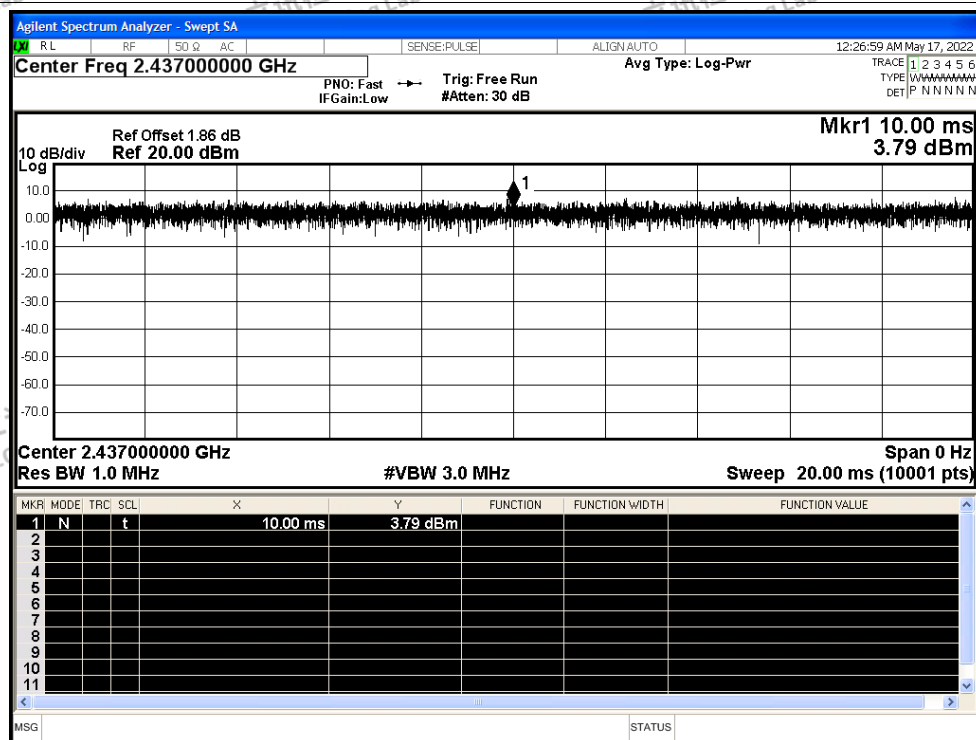
Add: 101, 201 Bldg A & 301 Bldg C, Juji Industrial Park Yabianxueziwei, Shajing Street, Baoan District, Shenzhen, 518000, China

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

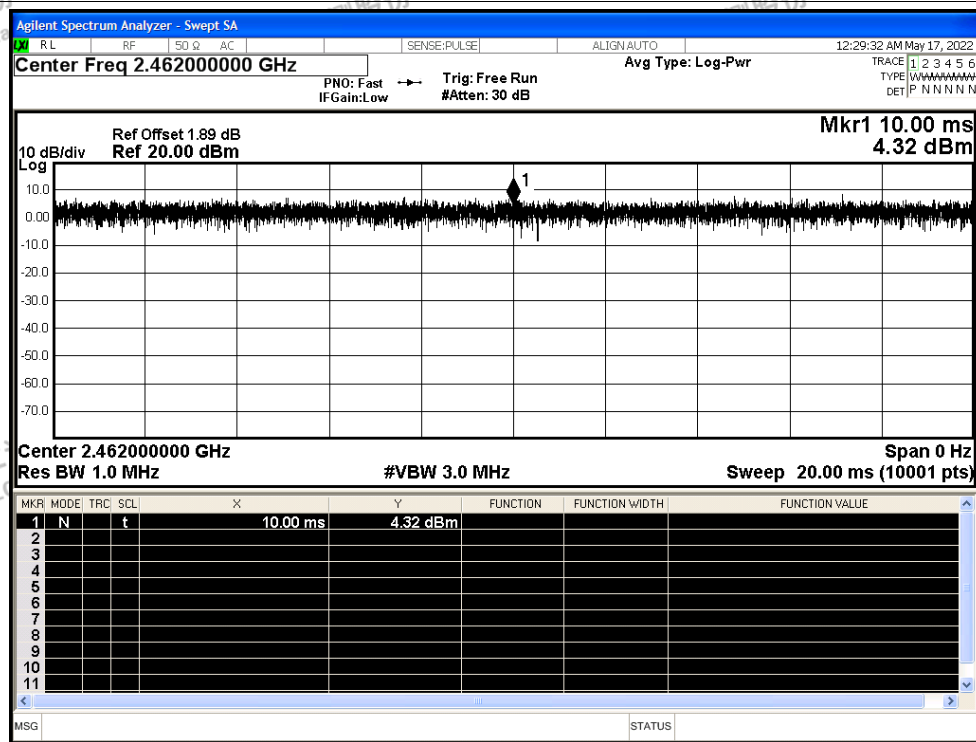
Scan code to check authenticity



Duty Cycle NVNT g 2437MHz Ant0



Duty Cycle NVNT g 2462MHz Ant0



Shenzhen LCS Compliance Testing Laboratory Ltd.

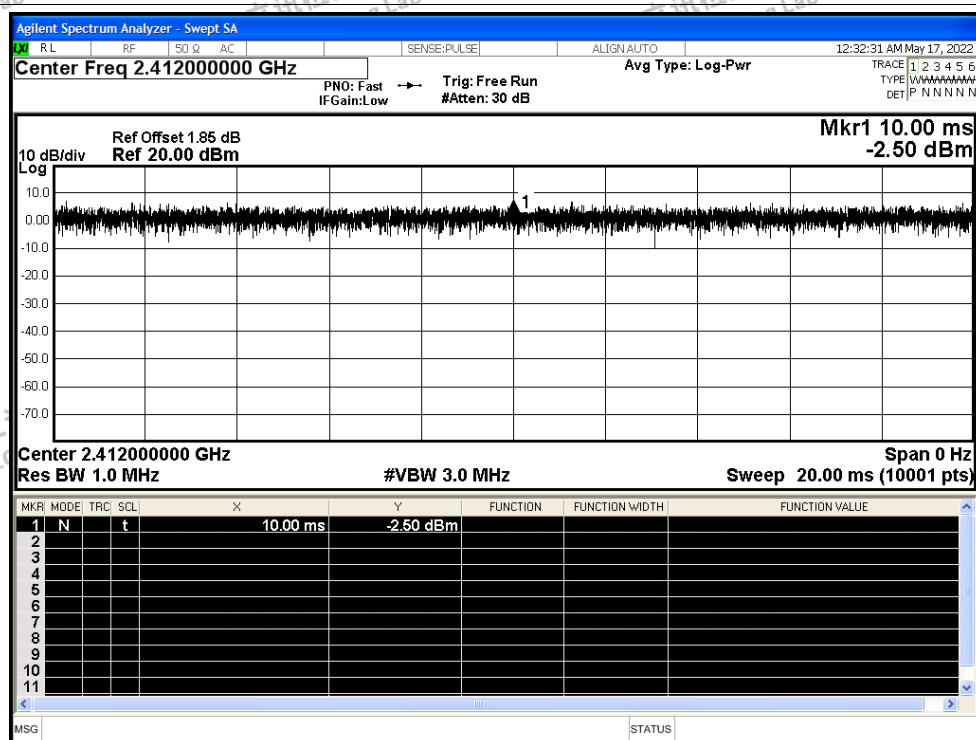
Add: 101, 201 Bldg A & 301 Bldg C, Juji Industrial Park Yabianxueziwei, Shajing Street, Baoan District, Shenzhen, 518000, China

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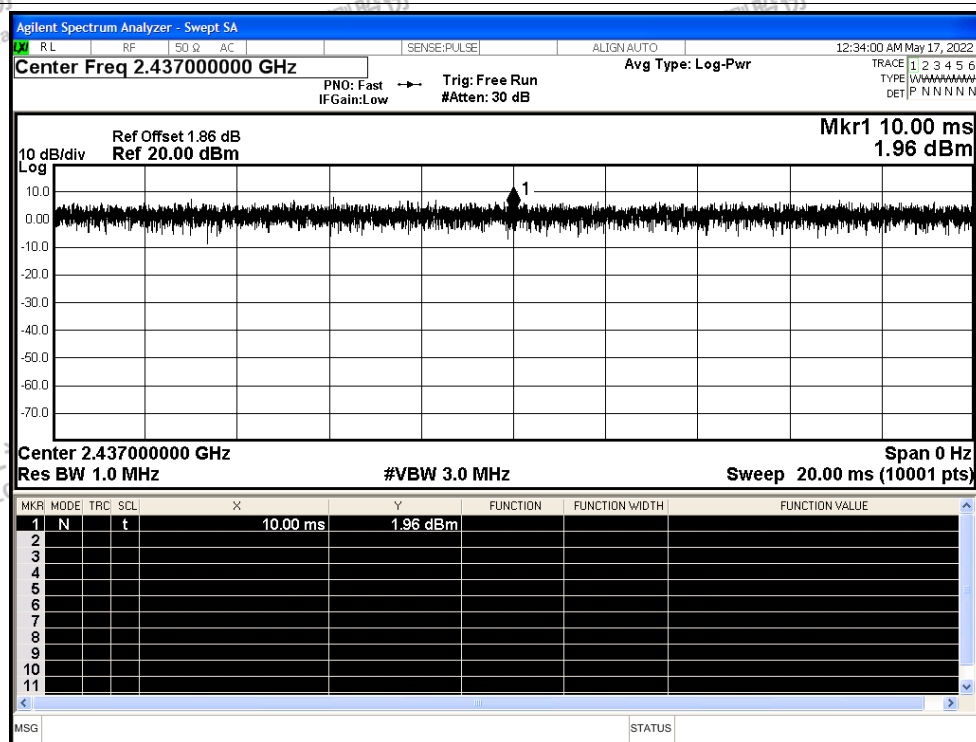
Scan code to check authenticity



Duty Cycle NVNT n20 2412MHz Ant0



Duty Cycle NVNT n20 2437MHz Ant0

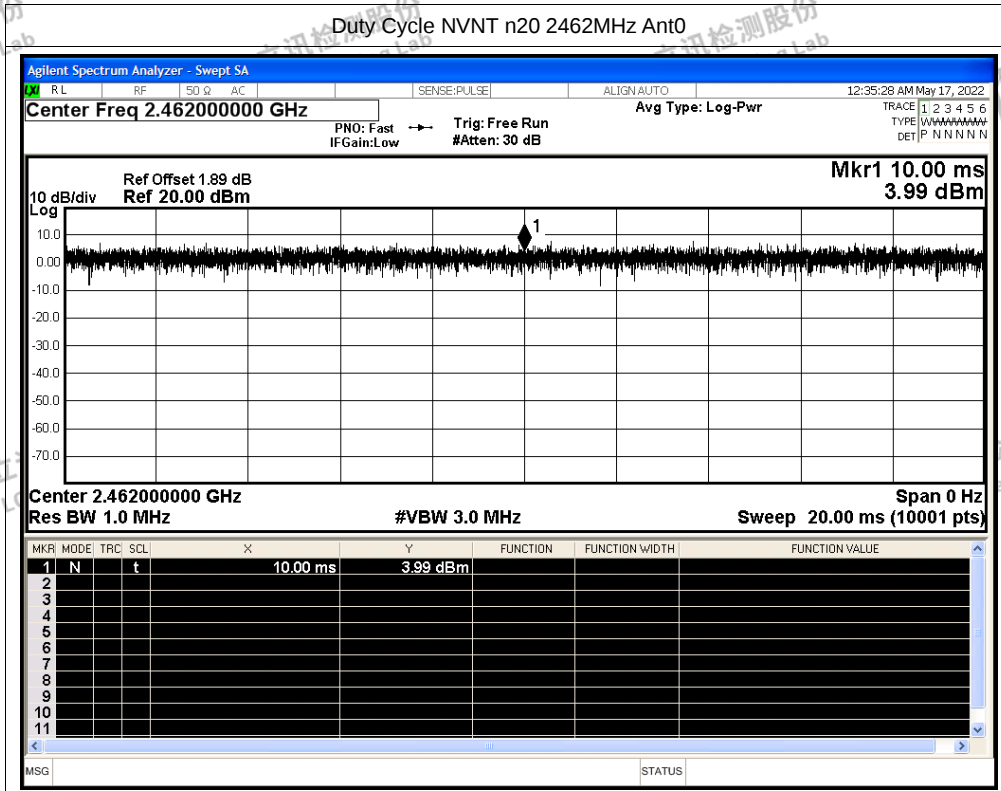


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Condition	Mode	Frequency (MHz)	Antenna	Duty Cycle (%)	Correction Factor (dB)	1/T (kHz)
NVNT	b	2412	Ant1	100	0	0
NVNT	b	2437	Ant1	100	0	0
NVNT	b	2462	Ant1	100	0	0
NVNT	g	2412	Ant1	100	0	0
NVNT	g	2437	Ant1	100	0	0
NVNT	g	2462	Ant1	100	0	0
NVNT	n20	2412	Ant1	100	0	0
NVNT	n20	2437	Ant1	100	0	0
NVNT	n20	2462	Ant1	100	0	0

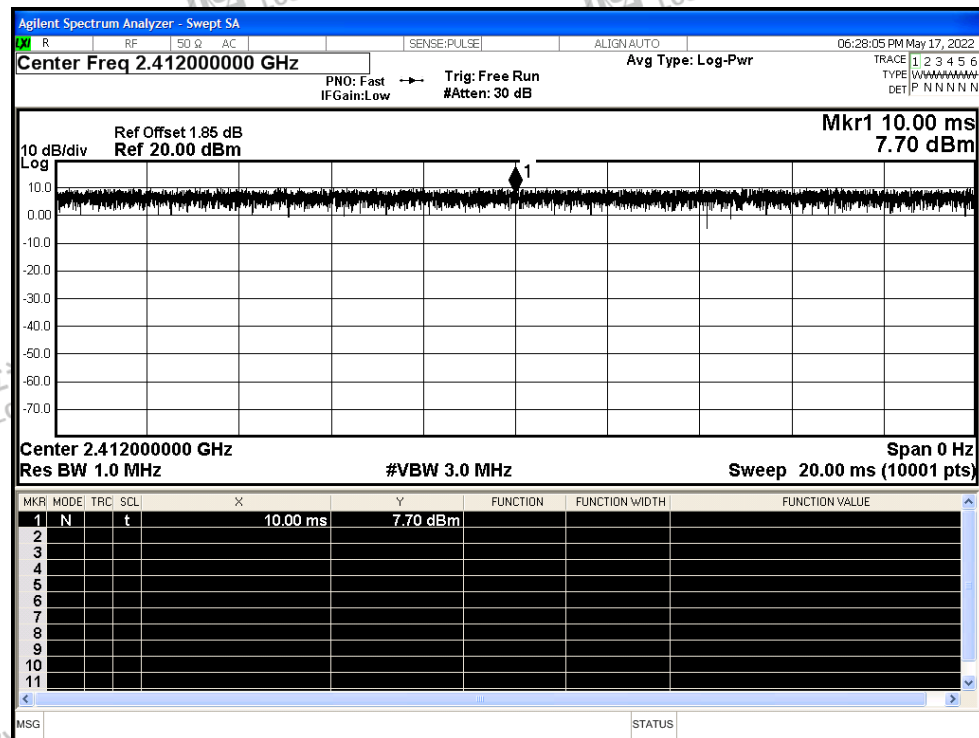


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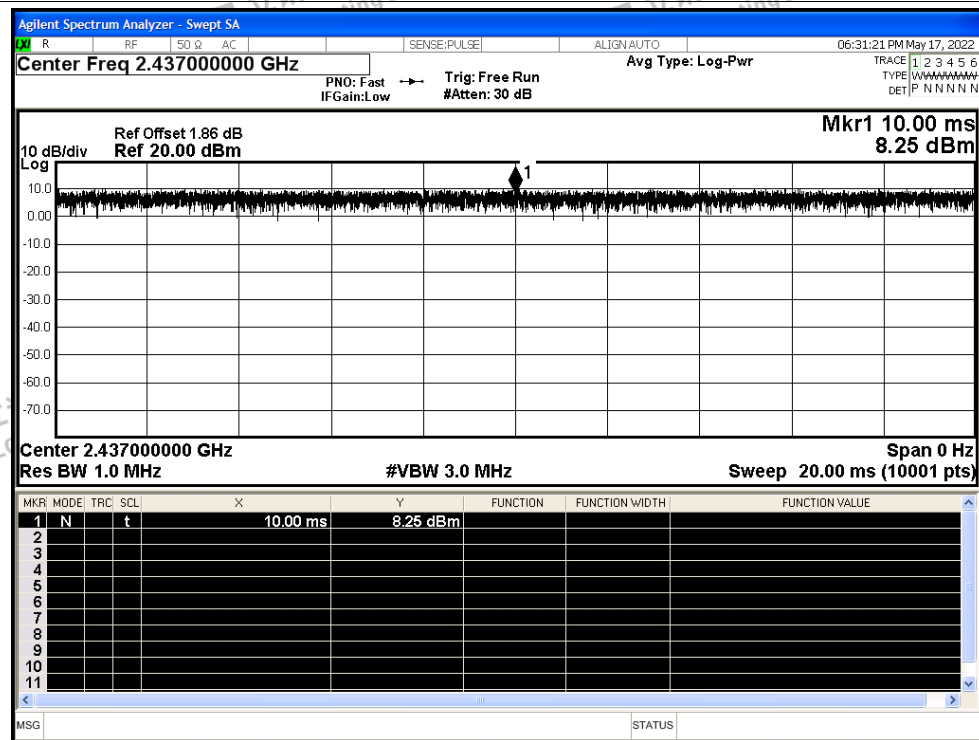


Test Graphs

Duty Cycle NVNT b 2412MHz Ant1

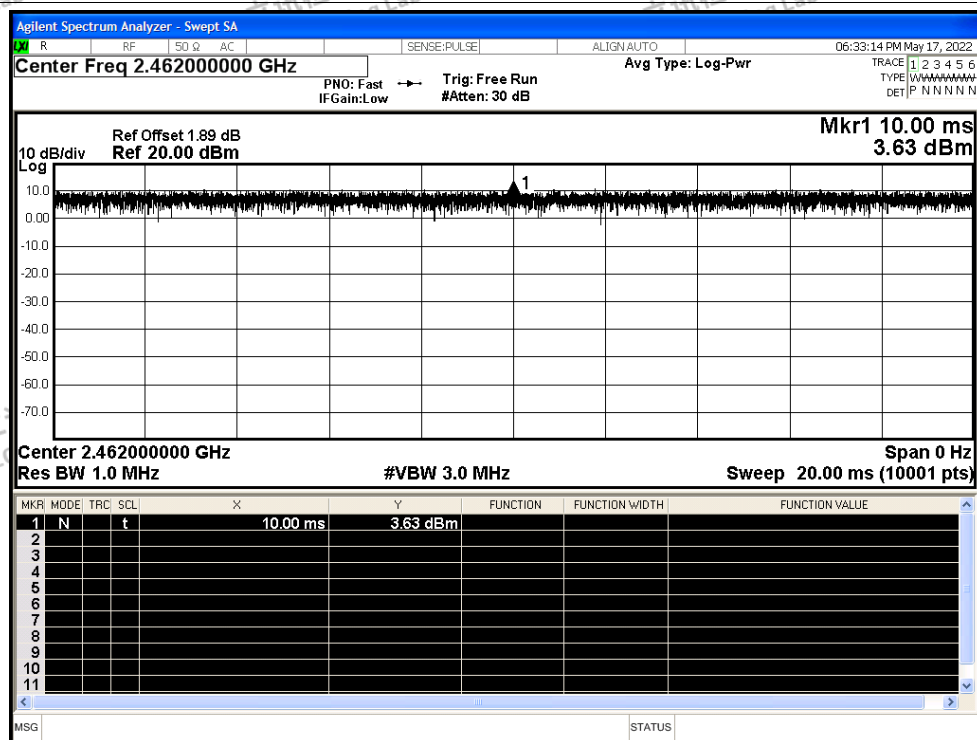


Duty Cycle NVNT b 2437MHz Ant1

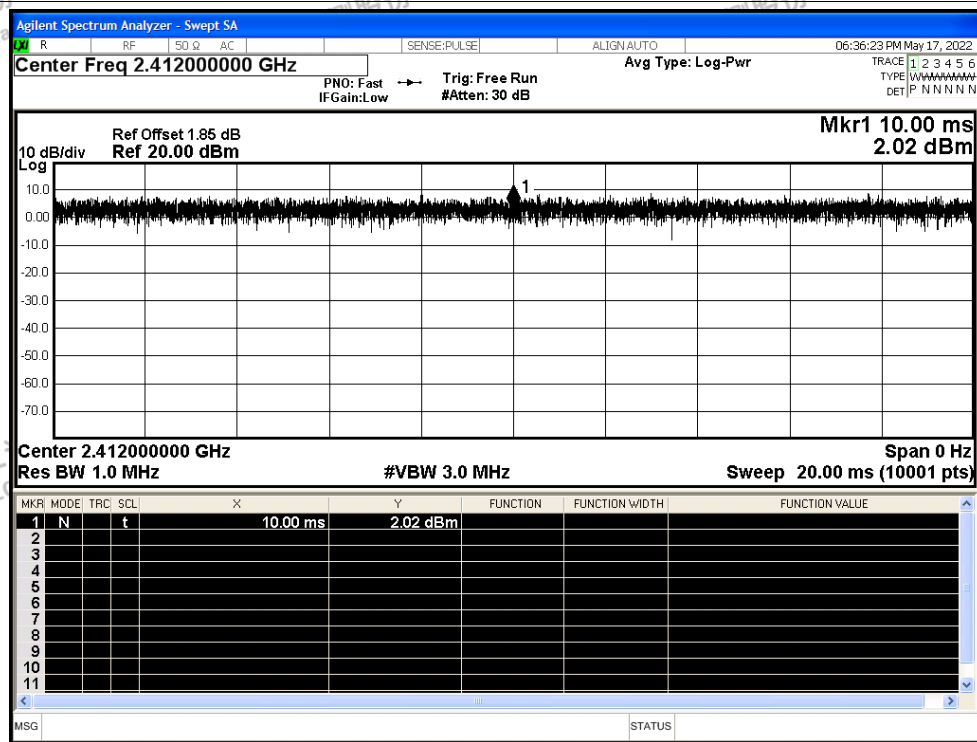




Duty Cycle NVNT b 2462MHz Ant1



Duty Cycle NVNT g 2412MHz Ant1



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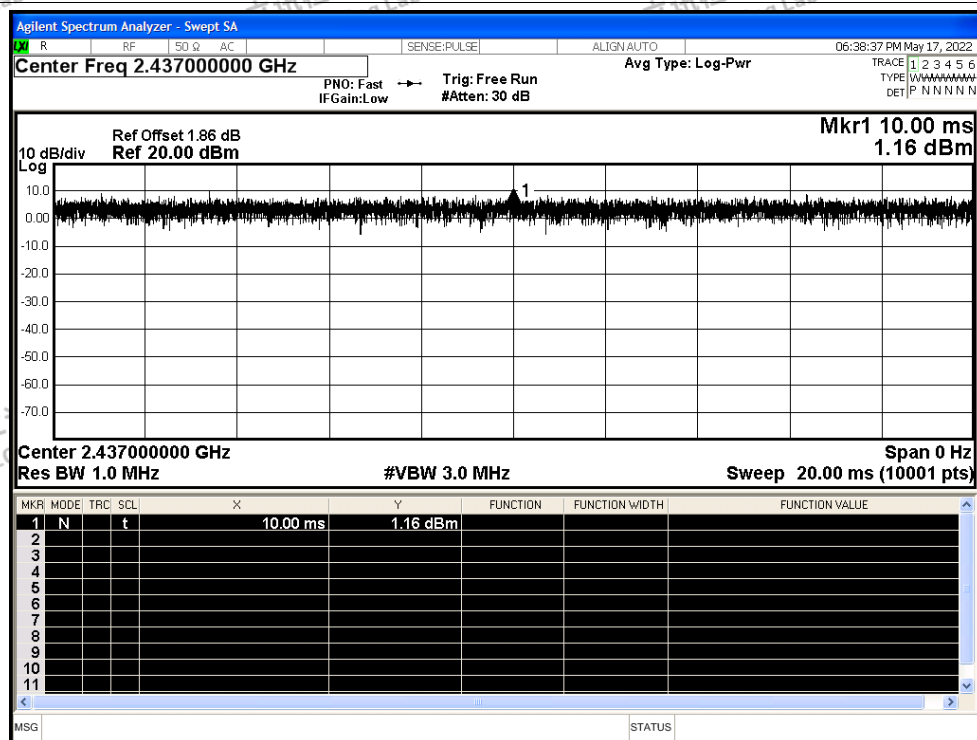
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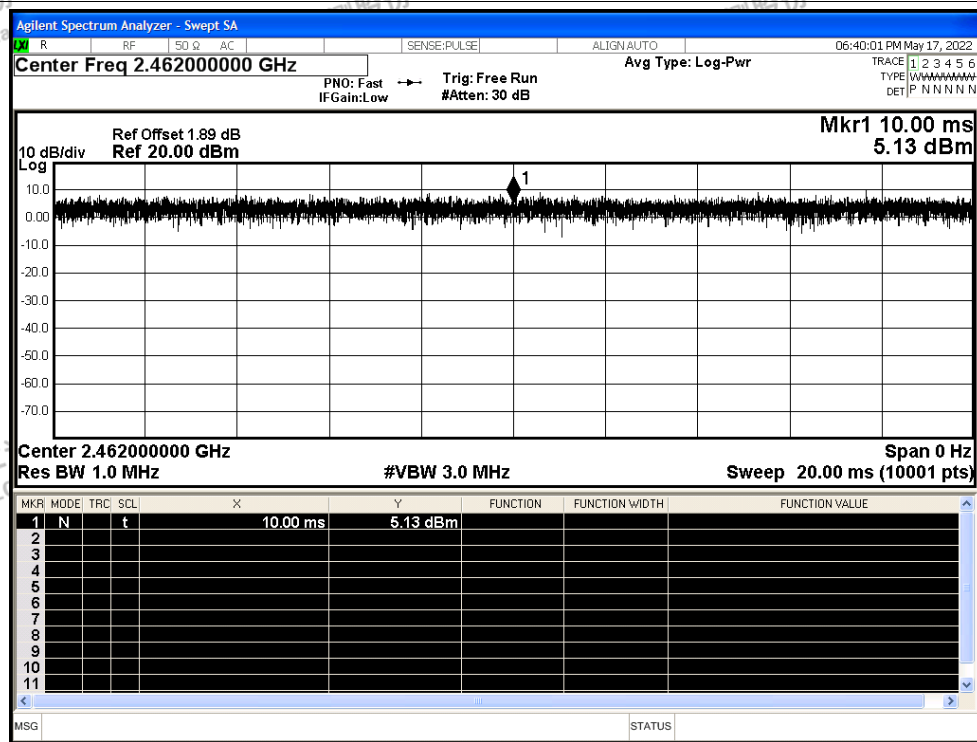
Scan code to check authenticity



Duty Cycle NVNT g 2437MHz Ant1



Duty Cycle NVNT g 2462MHz Ant1



Shenzhen LCS Compliance Testing Laboratory Ltd.

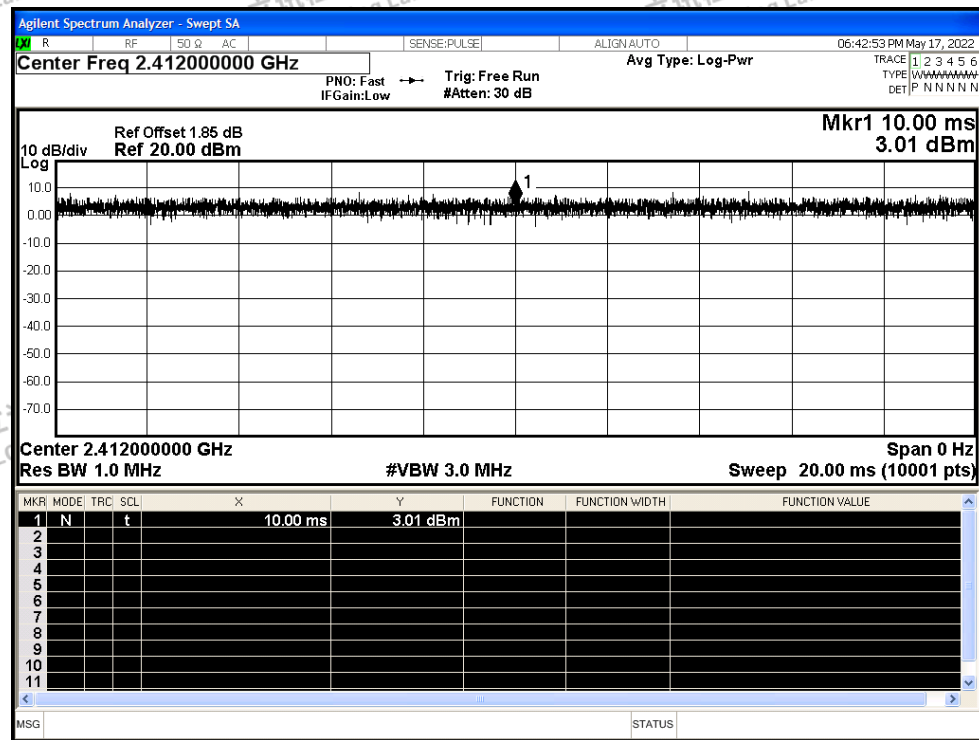
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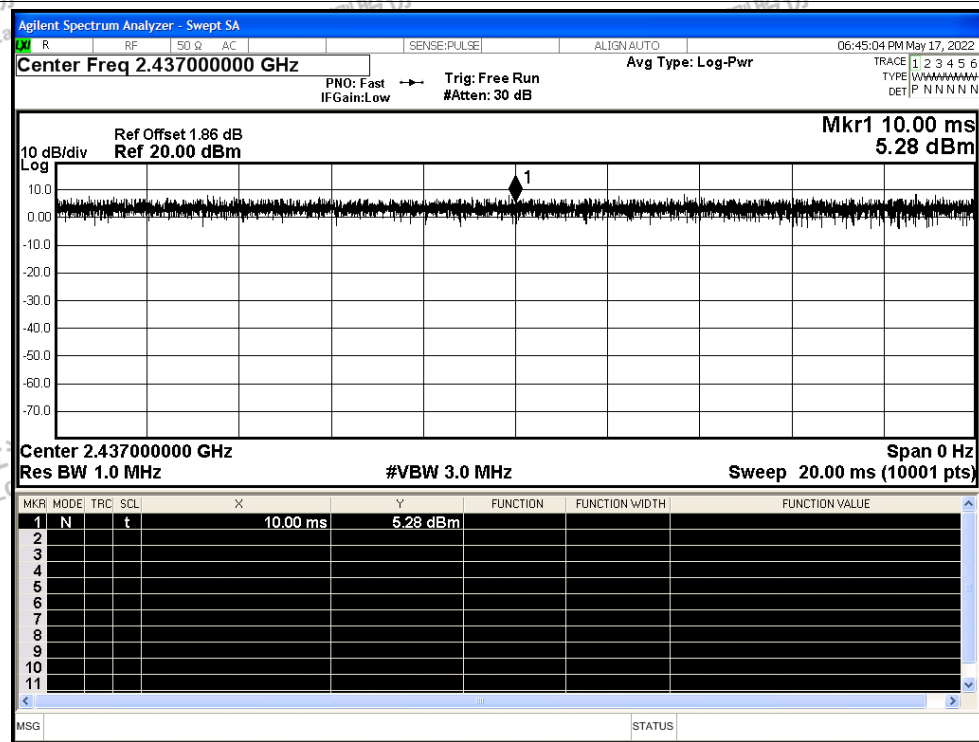
Scan code to check authenticity



Duty Cycle NVNT n20 2412MHz Ant1



Duty Cycle NVNT n20 2437MHz Ant1



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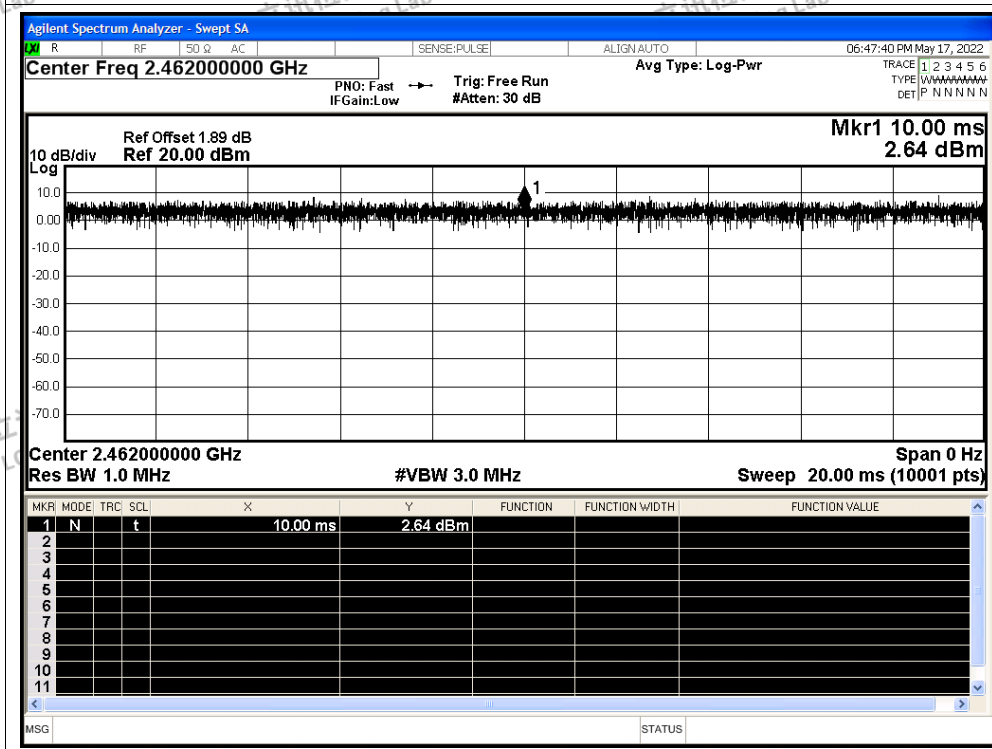
Add: 101, 201 Bldg A & 301 Bldg C, Juji Industrial Park Yabianxueziwei, Shajing Street, Baoan District, Shenzhen, 518000, China

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Duty Cycle NVNT n20 2462MHz Ant1



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A.8 Restrict Band

Condition	Mode	Frequency (MHz)	Antenna	Spur Freq (MHz)	Power (dBm)	Gain (dBi)	E (dBuV/m)	Detector	Limit (dBuV/m)	Verdict
NVNT	b	2412	Ant0	2310	-47.47	2	49.79	Peak	74	Pass
NVNT	b	2412	Ant0	2310	-58.71	2	38.55	Average	54	Pass
NVNT	b	2412	Ant0	2381.019	-41.21	2	56.05	Peak	74	Pass
NVNT	b	2412	Ant0	2389.911	-53.7	2	43.56	Average	54	Pass
NVNT	b	2412	Ant0	2390	-43.9	2	53.36	Peak	74	Pass
NVNT	b	2412	Ant0	2390	-53.65	2	43.61	Average	54	Pass
NVNT	b	2462	Ant0	2483.5	-43.86	2	53.4	Peak	74	Pass
NVNT	b	2462	Ant0	2483.5	-53.88	2	43.38	Average	54	Pass
NVNT	b	2462	Ant0	2489.877	-41.97	2	55.29	Peak	74	Pass
NVNT	b	2462	Ant0	2483.994	-53.85	2	43.41	Average	54	Pass
NVNT	b	2462	Ant0	2500	-44.16	2	53.1	Peak	74	Pass
NVNT	b	2462	Ant0	2500	-55.09	2	42.17	Average	54	Pass
NVNT	g	2412	Ant0	2310	-47.33	2	49.93	Peak	74	Pass
NVNT	g	2412	Ant0	2310	-58.89	2	38.37	Average	54	Pass
NVNT	g	2412	Ant0	2367.33	-43.69	2	53.57	Peak	74	Pass
NVNT	g	2412	Ant0	2389.092	-55.08	2	42.18	Average	54	Pass
NVNT	g	2412	Ant0	2390	-44.79	2	52.47	Peak	74	Pass
NVNT	g	2412	Ant0	2390	-55.05	2	42.21	Average	54	Pass
NVNT	g	2462	Ant0	2483.5	-45.55	2	51.71	Peak	74	Pass
NVNT	g	2462	Ant0	2483.5	-54.81	2	42.45	Average	54	Pass
NVNT	g	2462	Ant0	2490.884	-42.86	2	54.4	Peak	74	Pass
NVNT	g	2462	Ant0	2484.736	-54.8	2	42.46	Average	54	Pass
NVNT	g	2462	Ant0	2500	-47.2	2	50.06	Peak	74	Pass
NVNT	g	2462	Ant0	2500	-55.97	2	41.29	Average	54	Pass
NVNT	n20	2412	Ant0	2310	-49.1	2	48.16	Peak	74	Pass
NVNT	n20	2412	Ant0	2310	-58.62	2	38.64	Average	54	Pass
NVNT	n20	2412	Ant0	2388.858	-43.09	2	54.17	Peak	74	Pass
NVNT	n20	2412	Ant0	2389.911	-55.07	2	42.19	Average	54	Pass
NVNT	n20	2412	Ant0	2390	-45.28	2	51.98	Peak	74	Pass
NVNT	n20	2412	Ant0	2390	-55.01	2	42.25	Average	54	Pass
NVNT	n20	2462	Ant0	2483.5	-45.58	2	51.68	Peak	74	Pass
NVNT	n20	2462	Ant0	2483.5	-54.8	2	42.46	Average	54	Pass
NVNT	n20	2462	Ant0	2484.206	-43	2	54.26	Peak	74	Pass
NVNT	n20	2462	Ant0	2484.047	-54.56	2	42.7	Average	54	Pass
NVNT	n20	2462	Ant0	2500	-46.19	2	51.07	Peak	74	Pass
NVNT	n20	2462	Ant0	2500	-55.94	2	41.32	Average	54	Pass



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Condition	Mode	Frequency (MHz)	Antenna	Spur Freq (MHz)	Power (dBm)	Gain (dBi)	E (dBuV/m)	Detector	Limit (dBuV/m)	Verdict
NVNT	b	2412	Ant1	2310	-46.55	2	50.71	Peak	74	Pass
NVNT	b	2412	Ant1	2310	-58.2	2	39.06	Average	54	Pass
NVNT	b	2412	Ant1	2382.657	-42.52	2	54.74	Peak	74	Pass
NVNT	b	2412	Ant1	2389.56	-54.15	2	43.11	Average	54	Pass
NVNT	b	2412	Ant1	2390	-44.19	2	53.07	Peak	74	Pass
NVNT	b	2412	Ant1	2390	-54.16	2	43.1	Average	54	Pass
NVNT	b	2462	Ant1	2483.5	-43.32	2	53.94	Peak	74	Pass
NVNT	b	2462	Ant1	2483.5	-53.6	2	43.66	Average	54	Pass
NVNT	b	2462	Ant1	2487.651	-42.04	2	55.22	Peak	74	Pass
NVNT	b	2462	Ant1	2483.517	-53.6	2	43.66	Average	54	Pass
NVNT	b	2462	Ant1	2500	-44.94	2	52.32	Peak	74	Pass
NVNT	b	2462	Ant1	2500	-54.8	2	42.46	Average	54	Pass
NVNT	g	2412	Ant1	2310	-46.9	2	50.36	Peak	74	Pass
NVNT	g	2412	Ant1	2310	-58.32	2	38.94	Average	54	Pass
NVNT	g	2412	Ant1	2389.794	-41.56	2	55.7	Peak	74	Pass
NVNT	g	2412	Ant1	2389.911	-53.57	2	43.69	Average	54	Pass
NVNT	g	2412	Ant1	2390	-43.19	2	54.07	Peak	74	Pass
NVNT	g	2412	Ant1	2390	-53.35	2	43.91	Average	54	Pass
NVNT	g	2462	Ant1	2483.5	-43.44	2	53.82	Peak	74	Pass
NVNT	g	2462	Ant1	2483.5	-53.82	2	43.44	Average	54	Pass
NVNT	g	2462	Ant1	2490.195	-41.88	2	55.38	Peak	74	Pass
NVNT	g	2462	Ant1	2483.941	-53.68	2	43.58	Average	54	Pass
NVNT	g	2462	Ant1	2500	-45.36	2	51.9	Peak	74	Pass
NVNT	g	2462	Ant1	2500	-55.08	2	42.18	Average	54	Pass
NVNT	n20	2412	Ant1	2310	-48.92	2	48.34	Peak	74	Pass
NVNT	n20	2412	Ant1	2310	-58.22	2	39.04	Average	54	Pass
NVNT	n20	2412	Ant1	2389.56	-42.02	2	55.24	Peak	74	Pass
NVNT	n20	2412	Ant1	2389.911	-53.66	2	43.6	Average	54	Pass
NVNT	n20	2412	Ant1	2390	-44.82	2	52.44	Peak	74	Pass
NVNT	n20	2412	Ant1	2390	-53.57	2	43.69	Average	54	Pass
NVNT	n20	2462	Ant1	2483.5	-44.52	2	52.74	Peak	74	Pass
NVNT	n20	2462	Ant1	2483.5	-53.43	2	43.83	Average	54	Pass
NVNT	n20	2462	Ant1	2484.63	-42.4	2	54.86	Peak	74	Pass
NVNT	n20	2462	Ant1	2483.57	-53.3	2	43.96	Average	54	Pass
NVNT	n20	2462	Ant1	2500	-45.15	2	52.11	Peak	74	Pass
NVNT	n20	2462	Ant1	2500	-54.83	2	42.43	Average	54	Pass





MIMO

Condition	Mode	Frequency (MHz)	Spur Freq (MHz)	Power (dBm)			E (dBuV/m)	Detector	Limit (dBuV/m)	Verdict
				ANT0	ANT1	ANT0+ANT1				
NVNT	n20	2412	2310	-49.1	-48.92	-46.00	49.23	Peak	74	Pass
NVNT	n20	2412	2310	-58.62	-58.22	-55.41	39.82	Average	54	Pass
NVNT	n20	2412	2388.858	-43.09	-42.02	-39.51	55.72	Peak	74	Pass
NVNT	n20	2412	2389.911	-55.07	-53.66	-51.30	43.93	Average	54	Pass
NVNT	n20	2412	2390	-45.28	-44.82	-42.03	53.19	Peak	74	Pass
NVNT	n20	2412	2390	-55.01	-53.57	-51.22	44.01	Average	54	Pass
NVNT	n20	2462	2483.5	-45.58	-44.52	-42.01	53.22	Peak	74	Pass
NVNT	n20	2462	2483.5	-54.8	-53.43	-51.05	44.18	Average	54	Pass
NVNT	n20	2462	2484.206	-43	-42.4	-39.68	55.55	Peak	74	Pass
NVNT	n20	2462	2484.047	-54.56	-53.3	-50.87	44.35	Average	54	Pass
NVNT	n20	2462	2500	-46.19	-45.15	-42.63	52.60	Peak	74	Pass
NVNT	n20	2462	2500	-55.94	-54.83	-52.34	42.89	Average	54	Pass

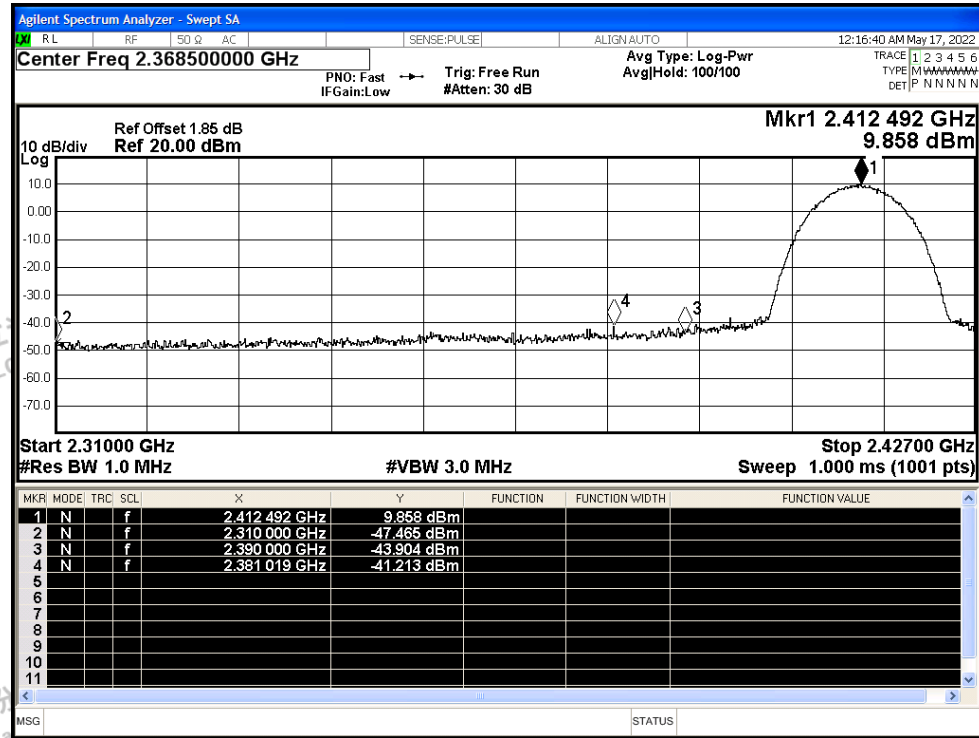


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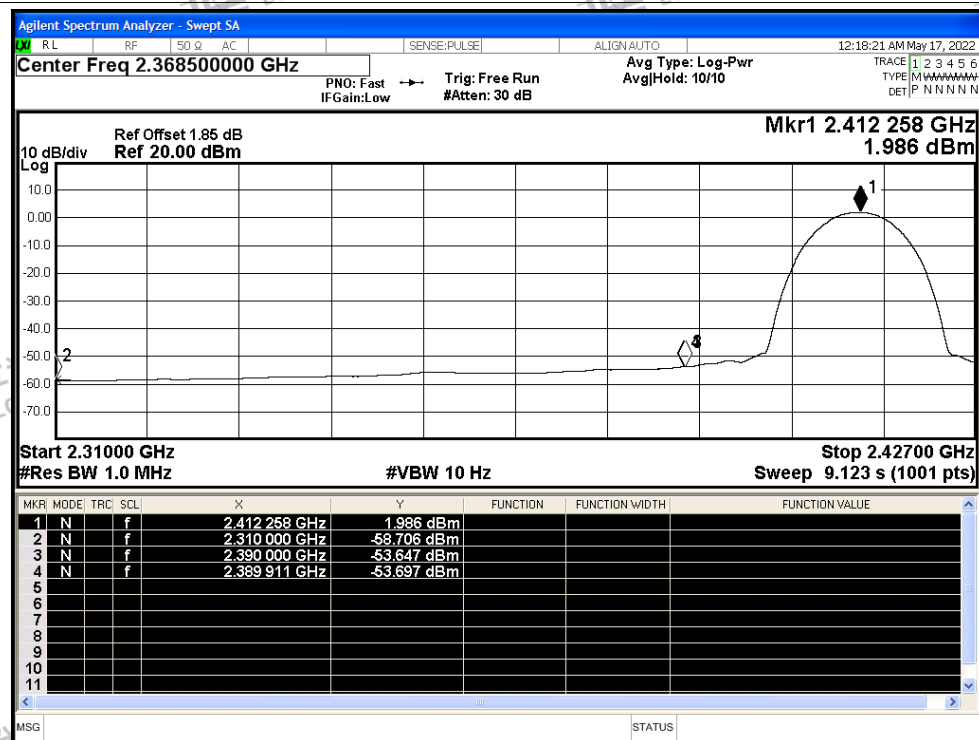


Test Graphs

Restrict Band NVNT b 2412MHz Ant0 Peak



Restrict Band NVNT b 2412MHz Ant0 Average



Shenzhen LCS Compliance Testing Laboratory Ltd.

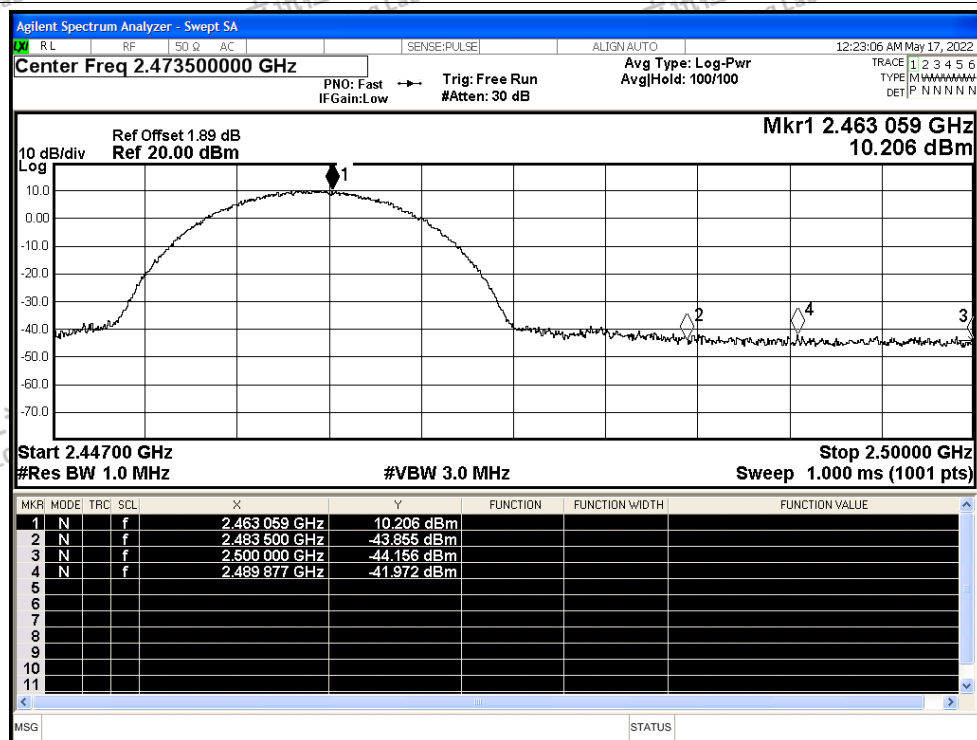
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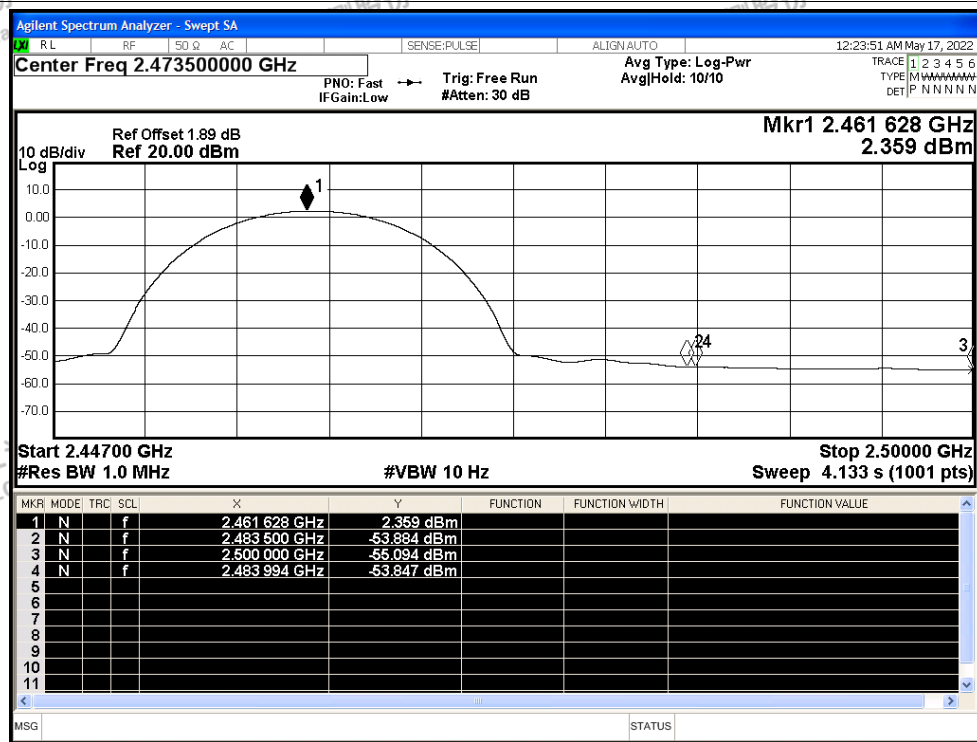
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Restrict Band NVNT b 2462MHz Ant0 Peak



Restrict Band NVNT b 2462MHz Ant0 Average



Shenzhen LCS Compliance Testing Laboratory Ltd.

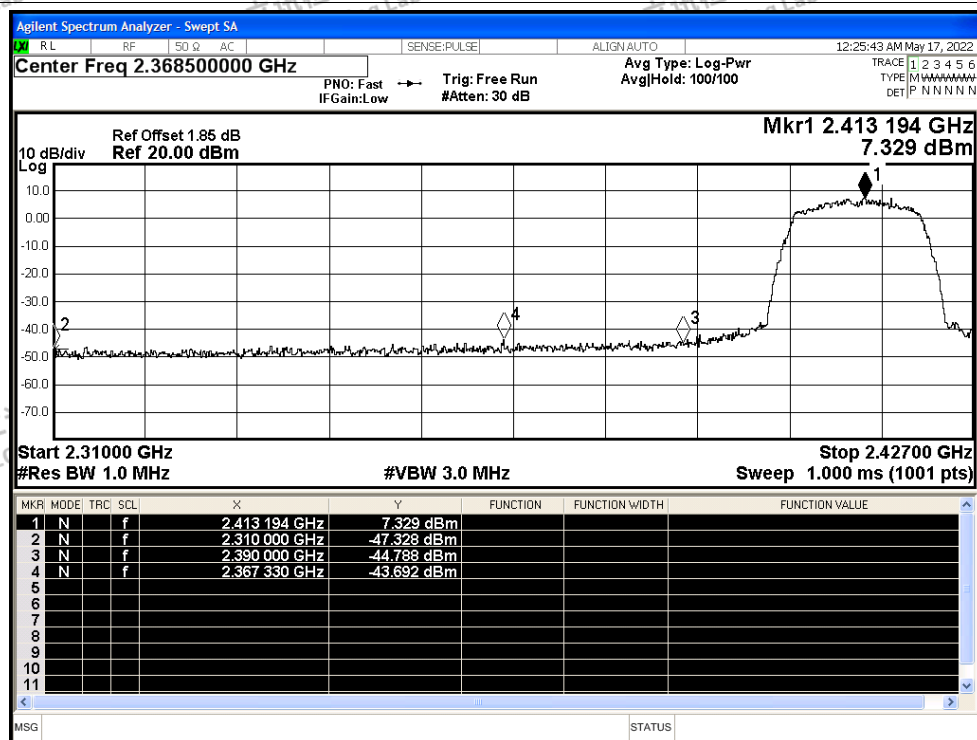
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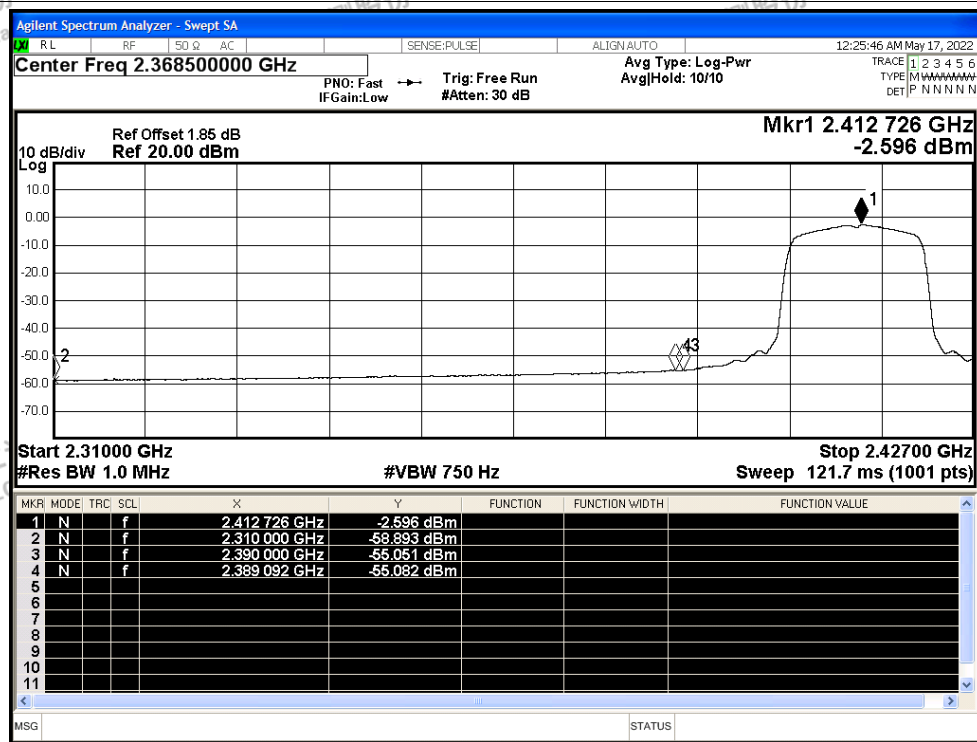
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Restrict Band NVNT g 2412MHz Ant0 Peak



Restrict Band NVNT g 2412MHz Ant0 Average



Shenzhen LCS Compliance Testing Laboratory Ltd.

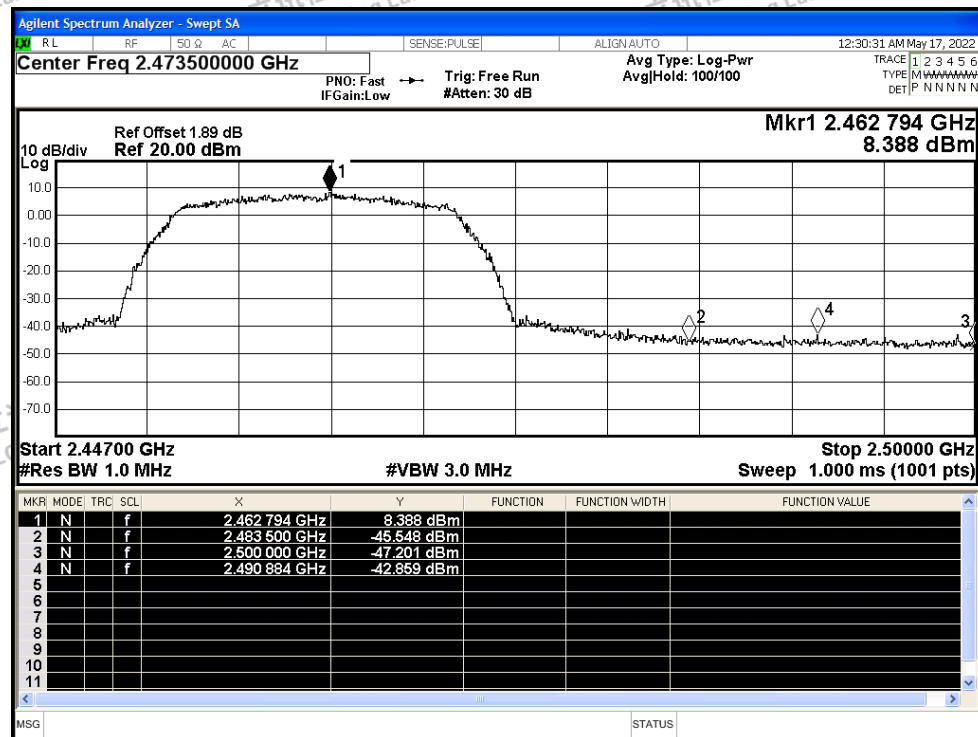
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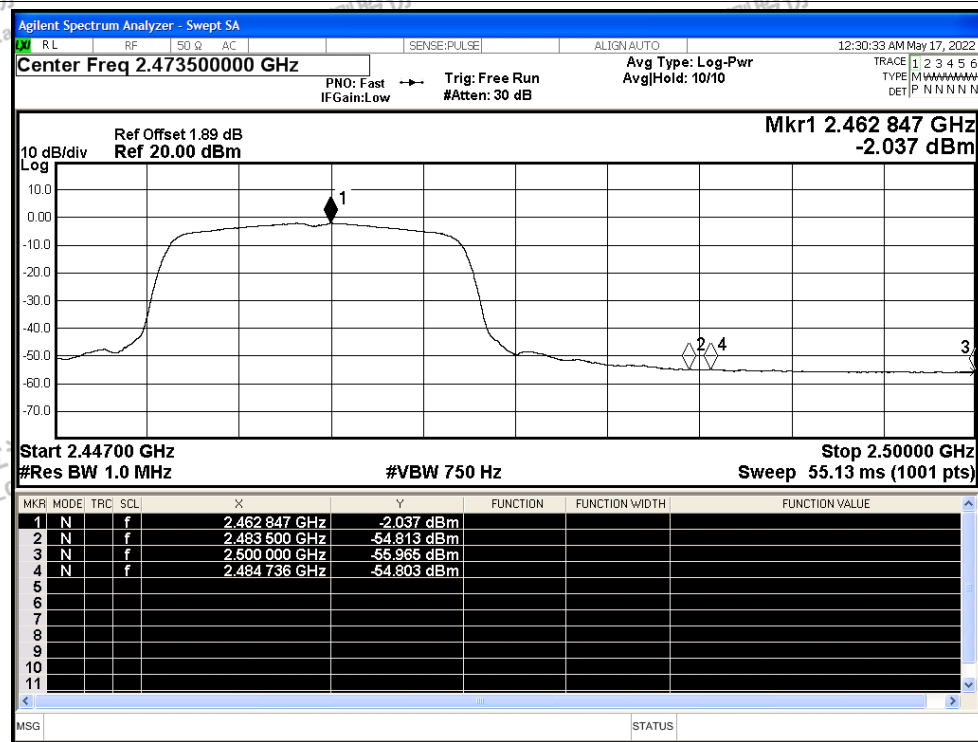
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Restrict Band NVNT g 2462MHz Ant0 Peak



Restrict Band NVNT g 2462MHz Ant0 Average



Shenzhen LCS Compliance Testing Laboratory Ltd.

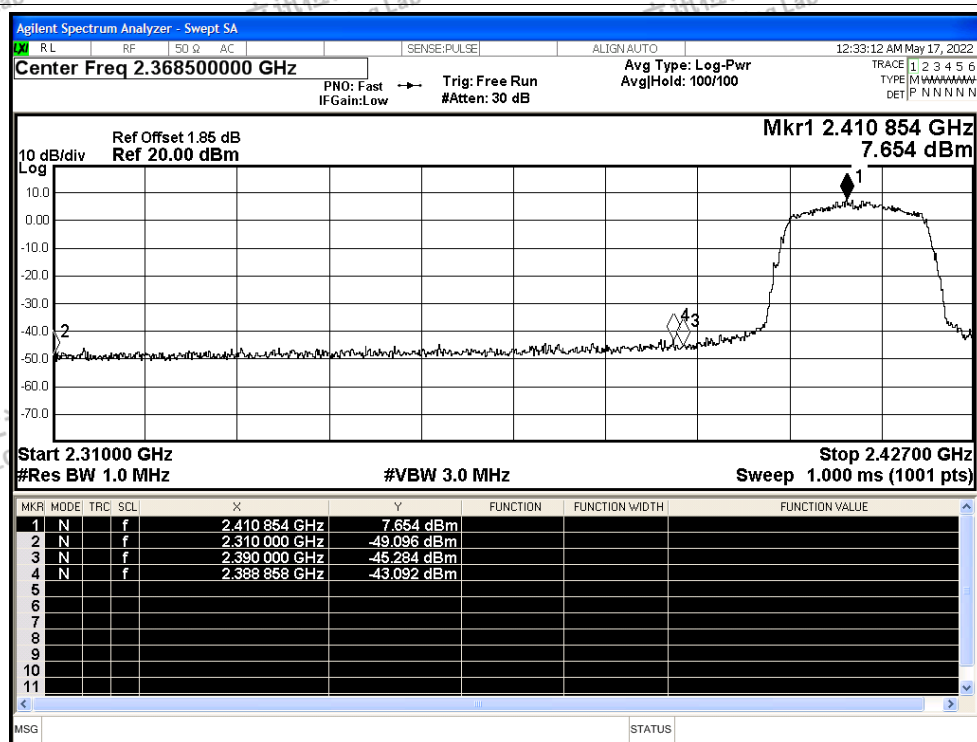
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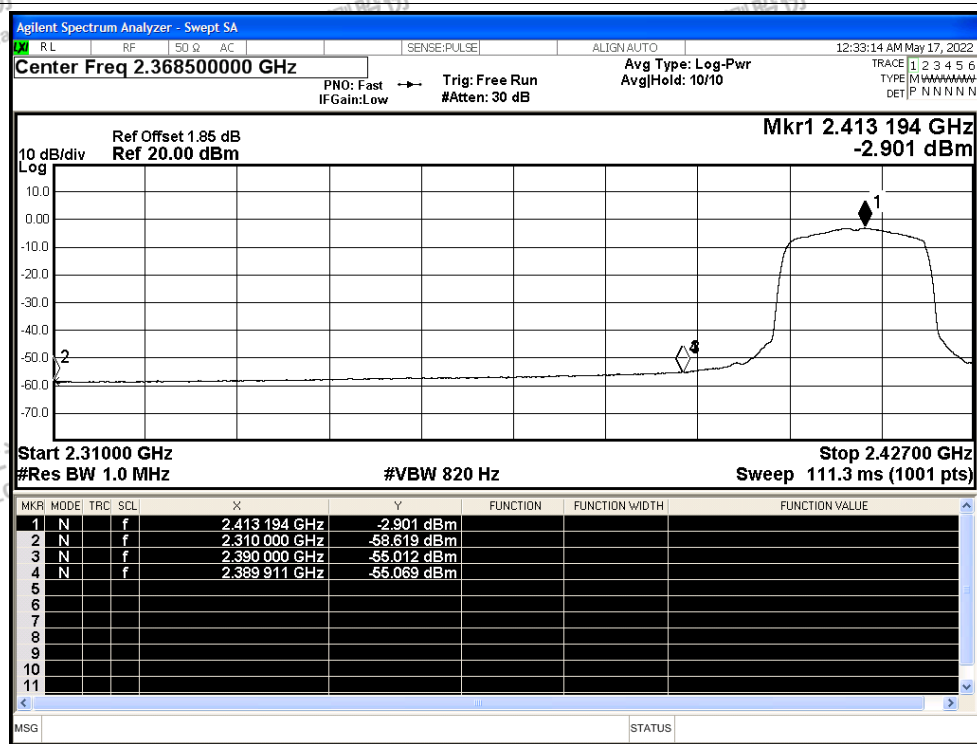
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Restrict Band NVNT n20 2412MHz Ant0 Peak



Restrict Band NVNT n20 2412MHz Ant0 Average



Shenzhen LCS Compliance Testing Laboratory Ltd.

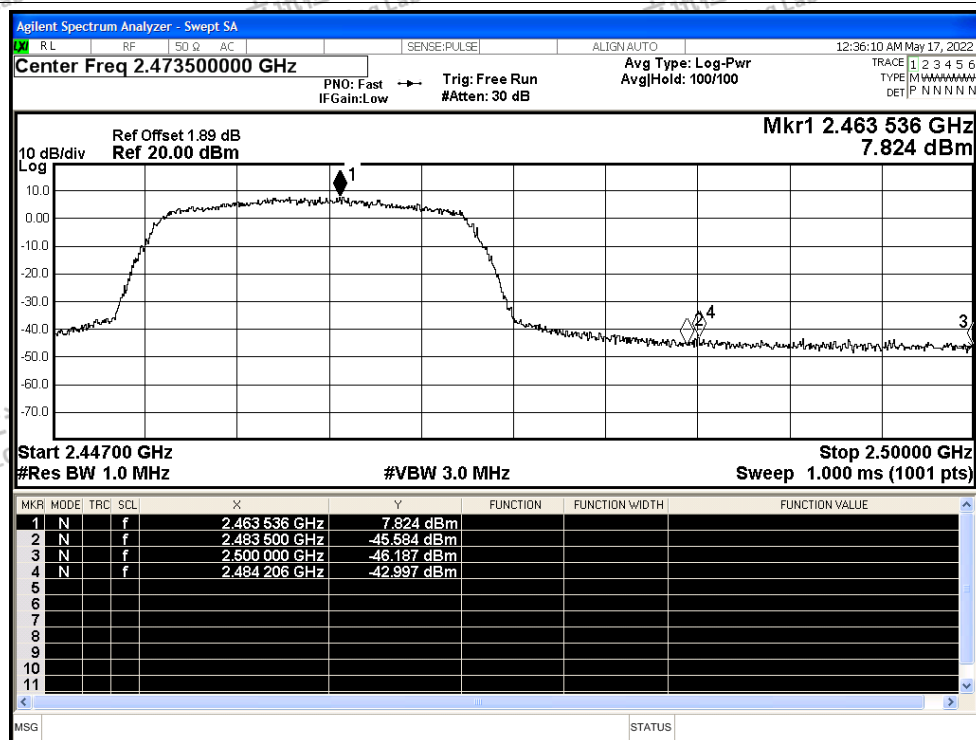
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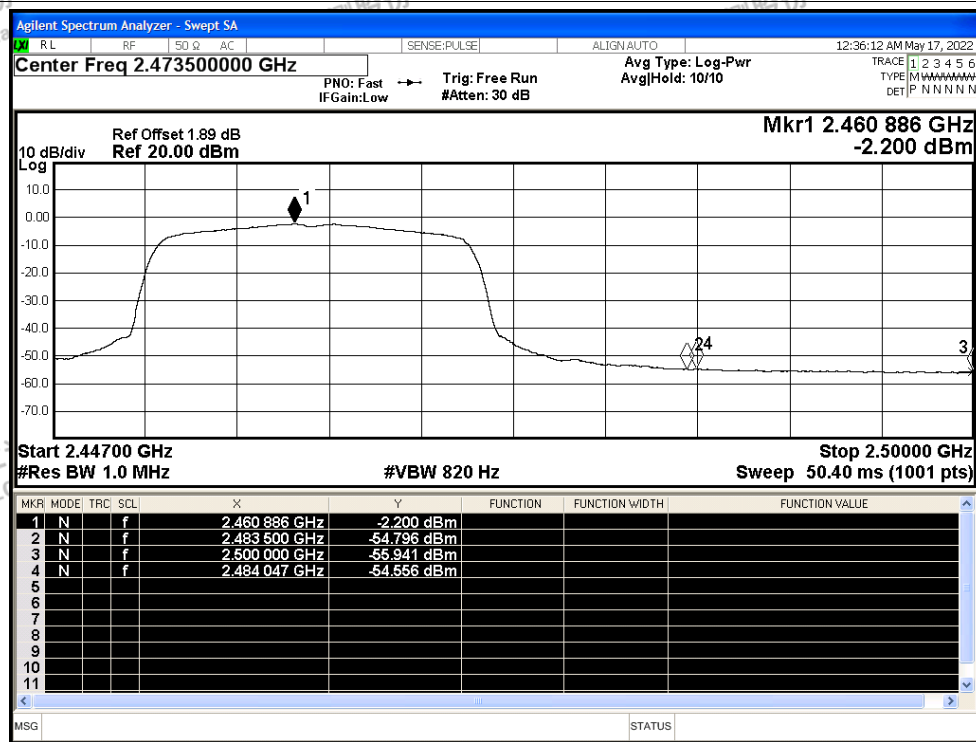
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Restrict Band NVNT n20 2462MHz Ant0 Peak



Restrict Band NVNT n20 2462MHz Ant0 Average



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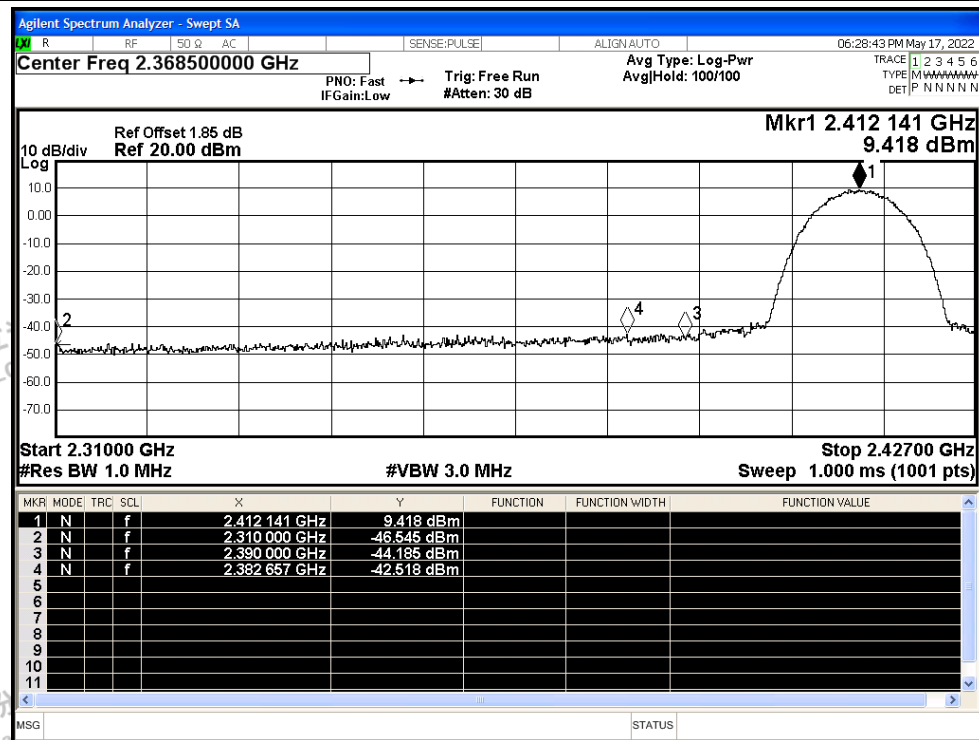
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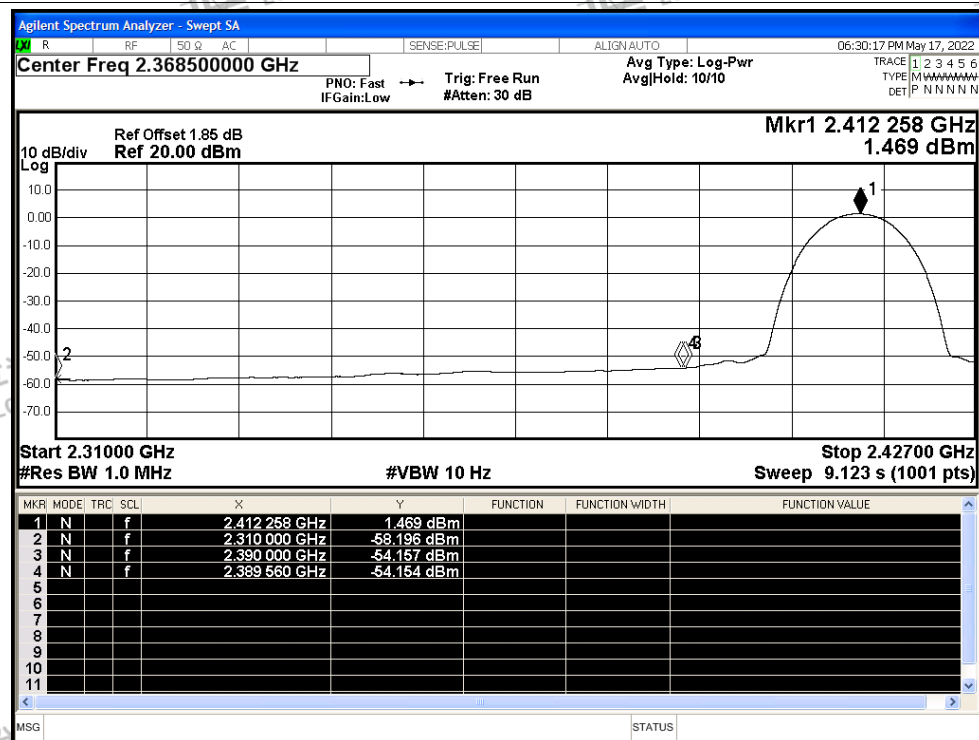


Test Graphs

Restrict Band NVNT b 2412MHz Ant1 Peak



Restrict Band NVNT b 2412MHz Ant1 Average



Shenzhen LCS Compliance Testing Laboratory Ltd.

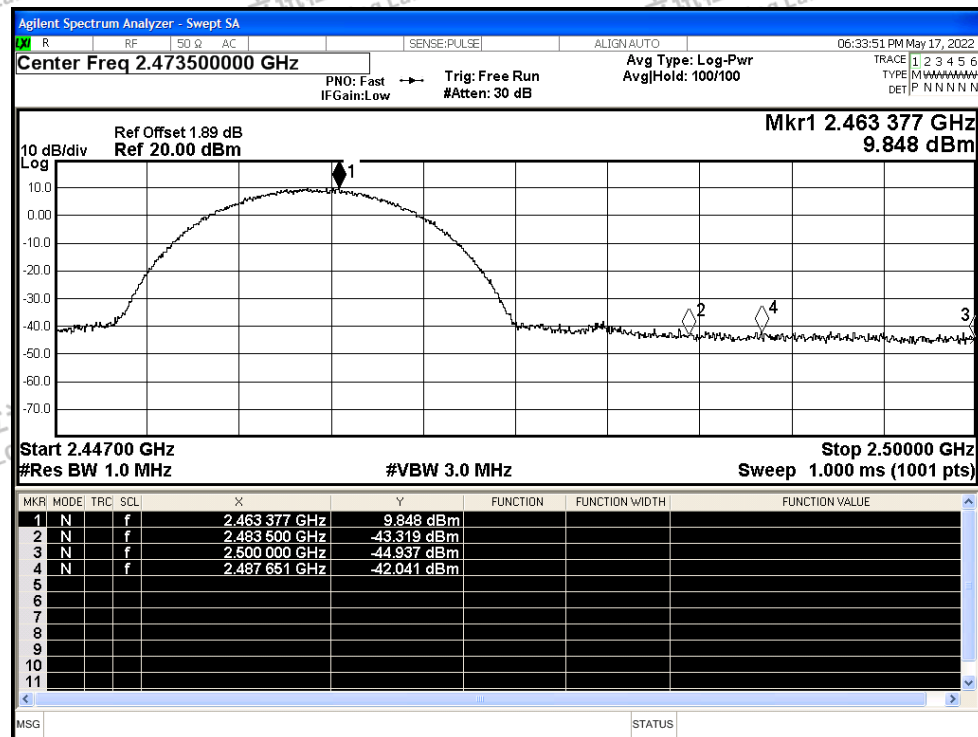
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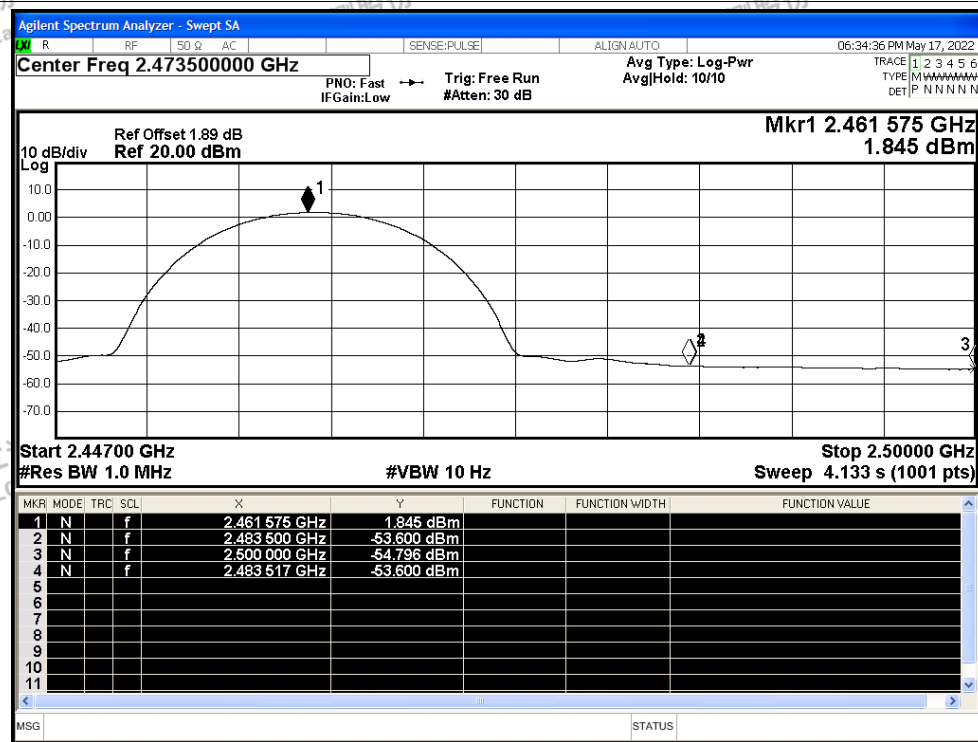
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Restrict Band NVNT b 2462MHz Ant1 Peak



Restrict Band NVNT b 2462MHz Ant1 Average



Shenzhen LCS Compliance Testing Laboratory Ltd.

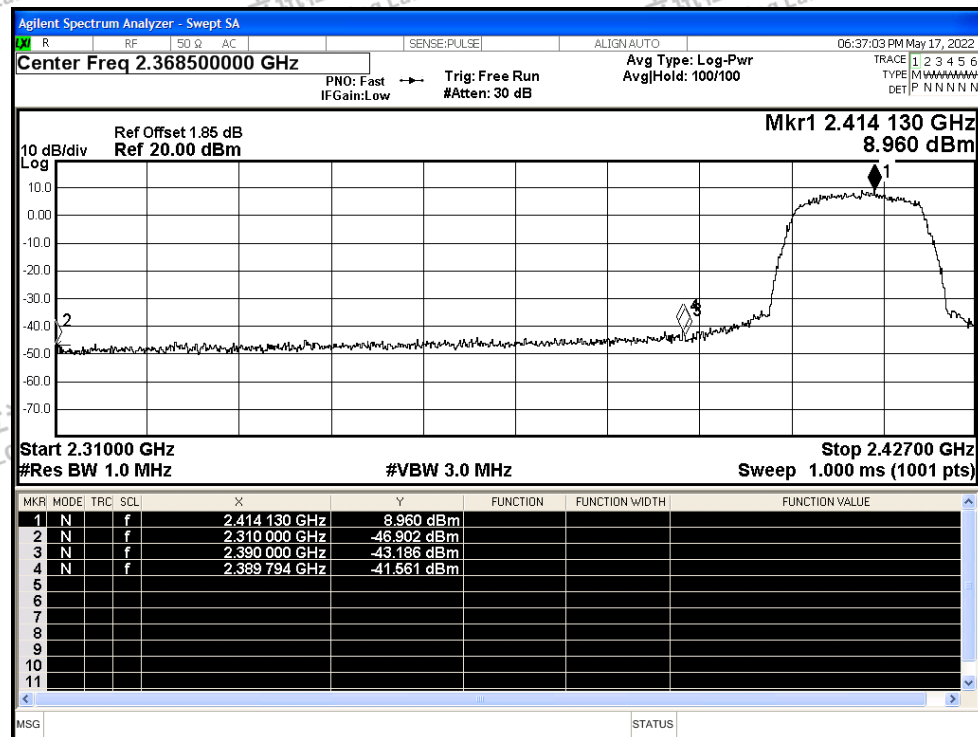
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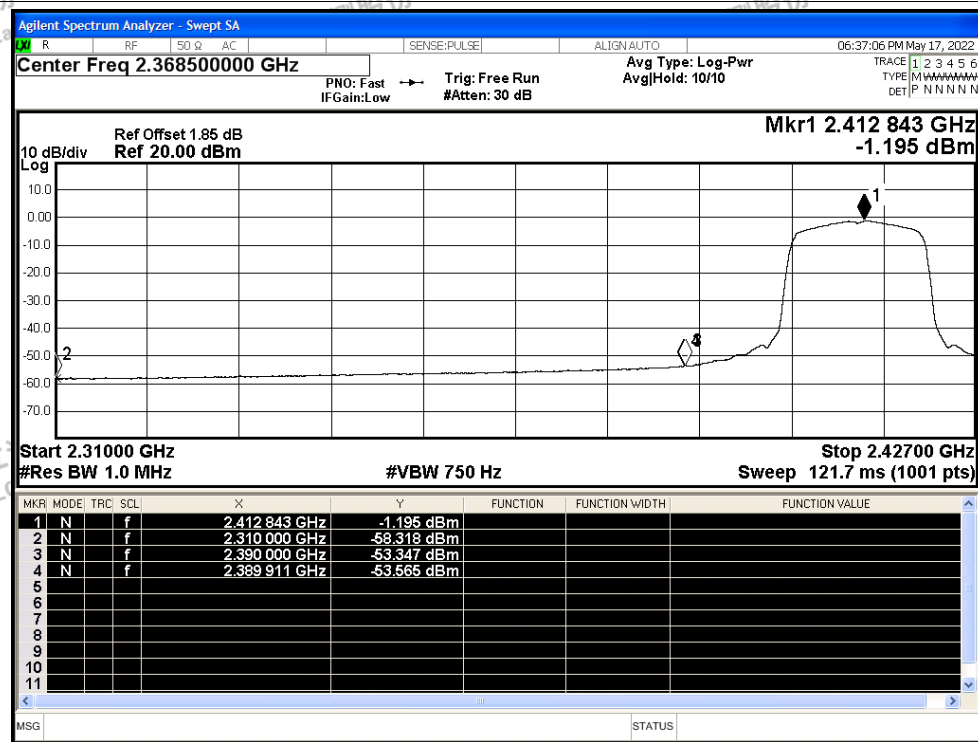
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Restrict Band NVNT g 2412MHz Ant1 Peak



Restrict Band NVNT g 2412MHz Ant1 Average



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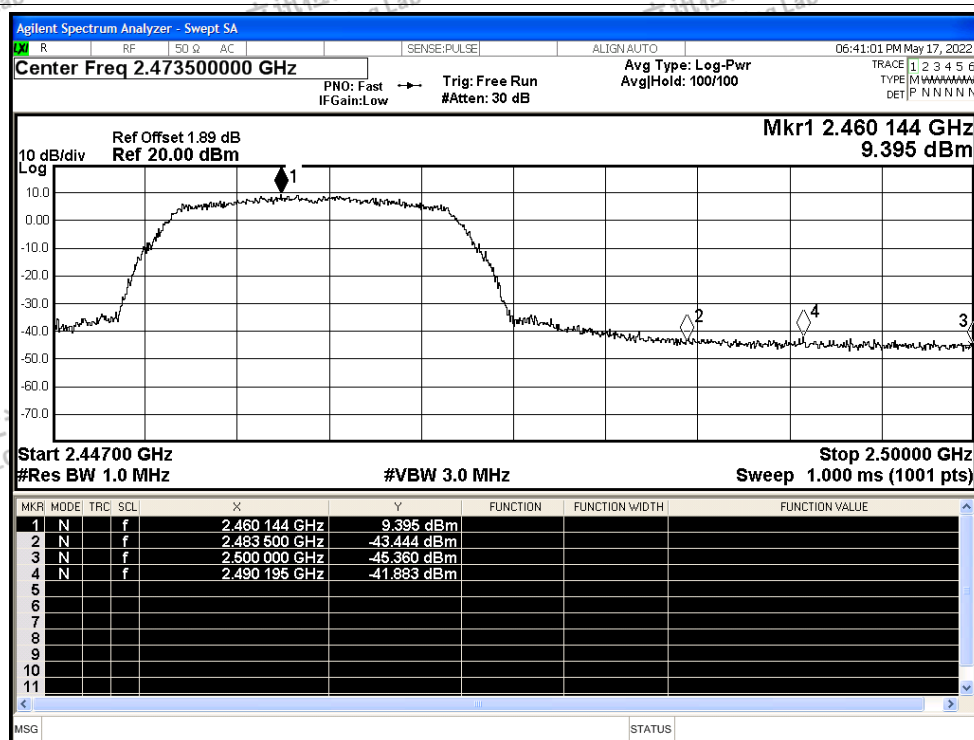
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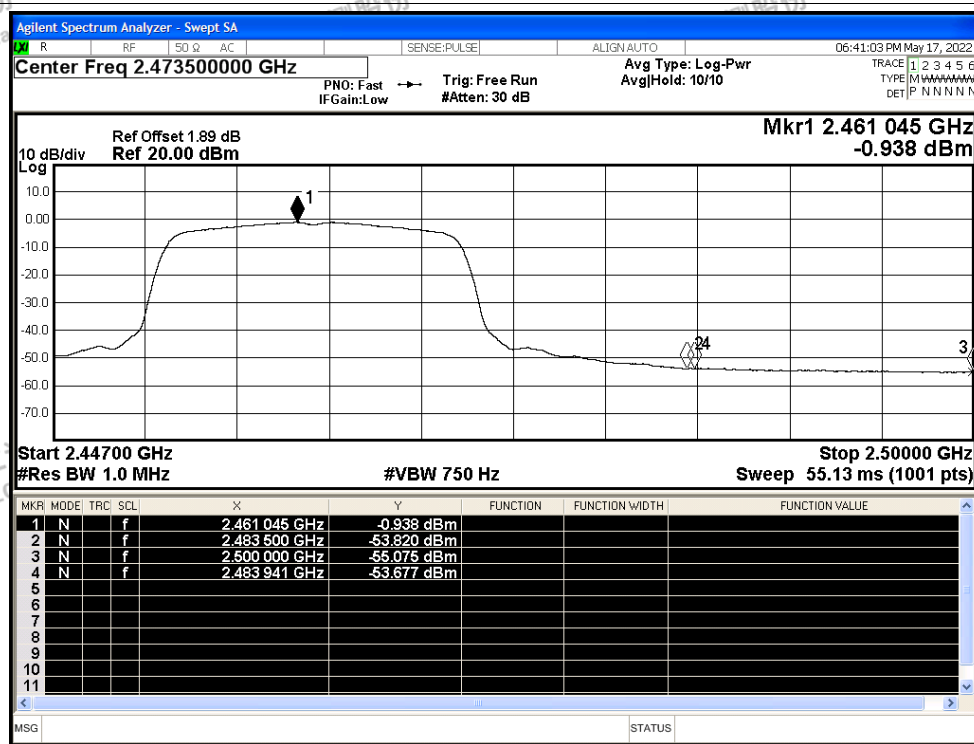
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Restrict Band NVNT g 2462MHz Ant1 Peak



Restrict Band NVNT g 2462MHz Ant1 Average



Shenzhen LCS Compliance Testing Laboratory Ltd.

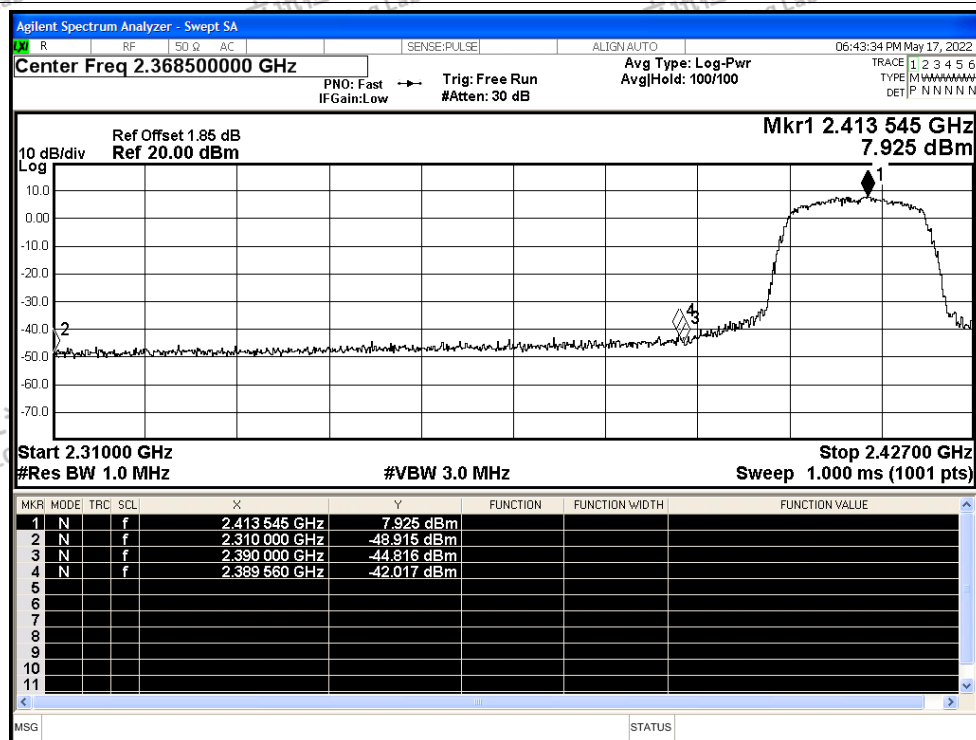
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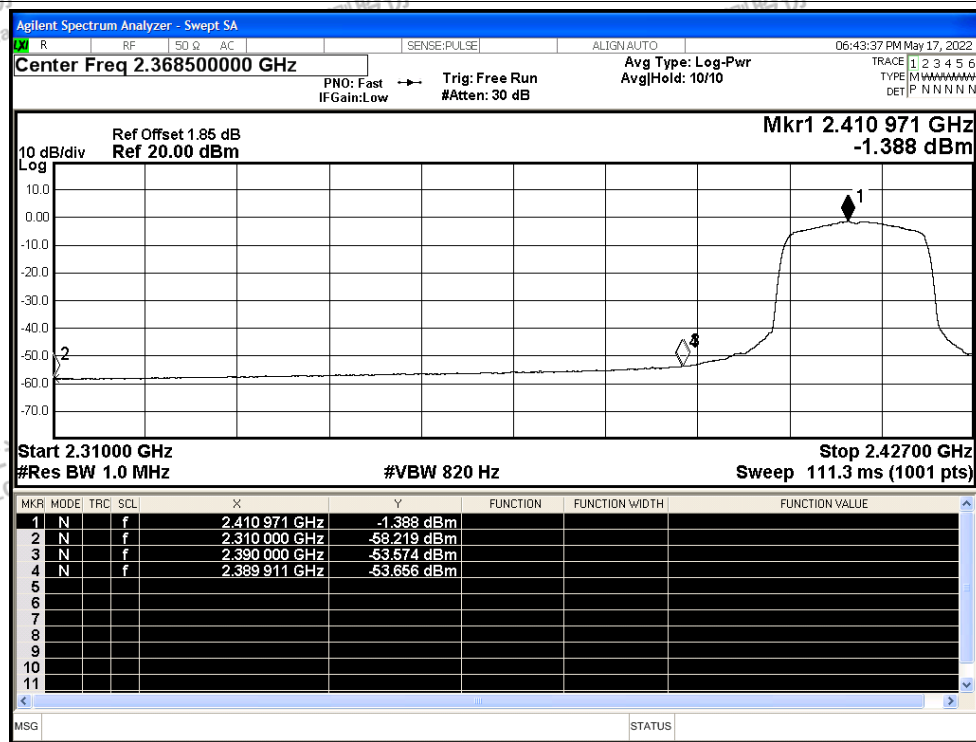
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Restrict Band NVNT n20 2412MHz Ant1 Peak



Restrict Band NVNT n20 2412MHz Ant1 Average



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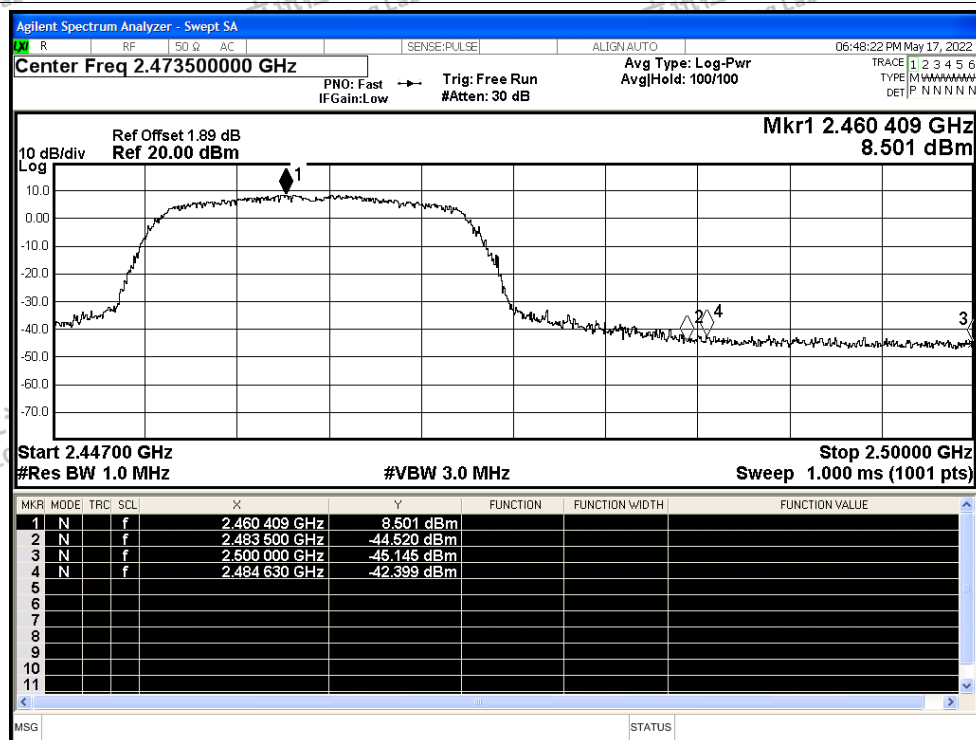
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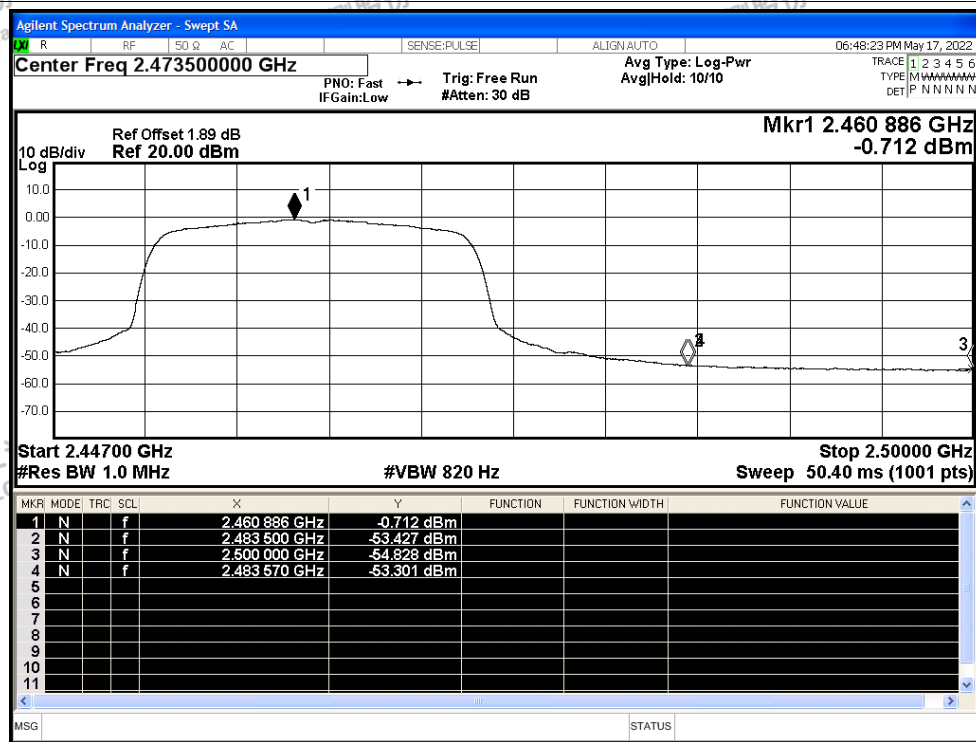
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