



Appendix A

RF Test Data for 2.4G WIFI (Conducted Measurement)

Product Name: Pirnar 2CH Smart LED Controller

Test Model: SmartLux

Environmental Conditions

Temperature:	23.1 ° C
Relative Humidity:	52.3%
ATM Pressure:	100.0 kPa
Test Engineer:	Joker Hu
Supervised by:	Ling Zhu



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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	Ant	5.988	≥ 0.5	Pass
NVNT	b	2437	Ant	8.071	≥ 0.5	Pass
NVNT	b	2462	Ant	7.084	≥ 0.5	Pass
NVNT	g	2412	Ant	15.76	≥ 0.5	Pass
NVNT	g	2437	Ant	12.852	≥ 0.5	Pass
NVNT	g	2462	Ant	15.06	≥ 0.5	Pass
NVNT	n20	2412	Ant	13.538	≥ 0.5	Pass
NVNT	n20	2437	Ant	17.573	≥ 0.5	Pass
NVNT	n20	2462	Ant	15.046	≥ 0.5	Pass
NVNT	n40	2422	Ant	25.422	≥ 0.5	Pass
NVNT	n40	2437	Ant	26.304	≥ 0.5	Pass
NVNT	n40	2452	Ant	31.606	≥ 0.5	Pass



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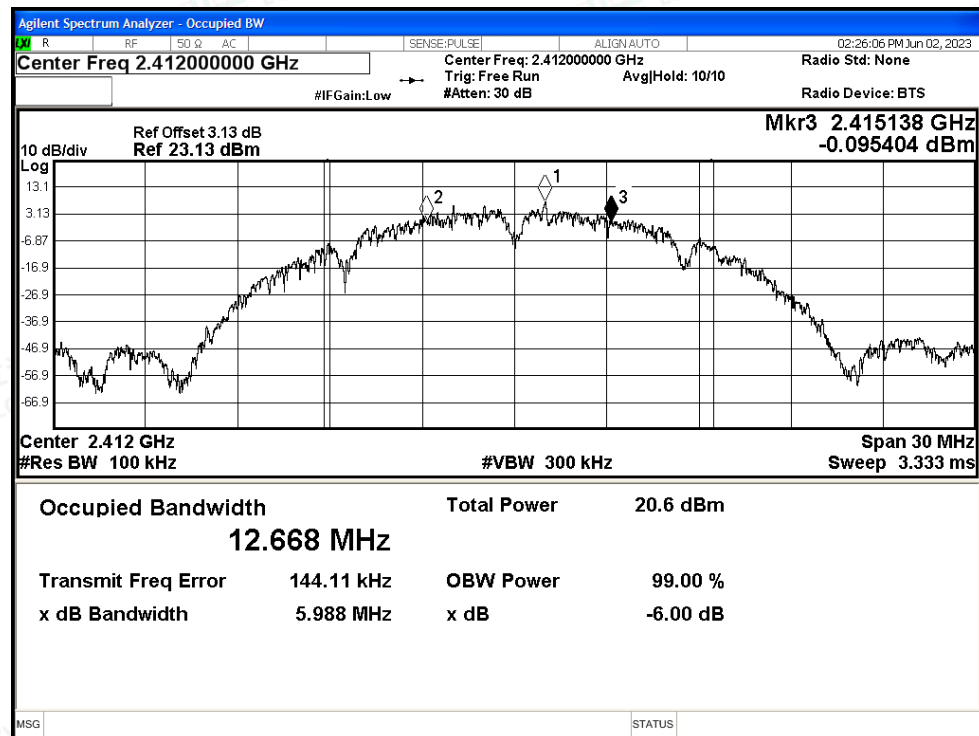
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Test Graphs

-6dB Bandwidth NVNT b 2412MHz Ant



-6dB Bandwidth NVNT b 2437MHz Ant



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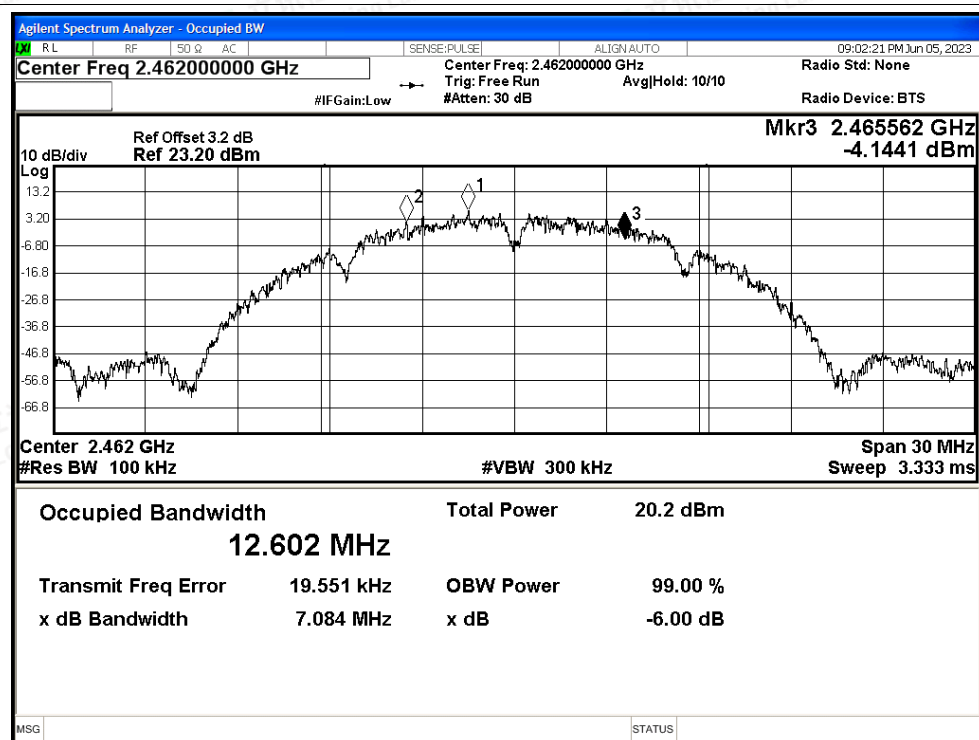
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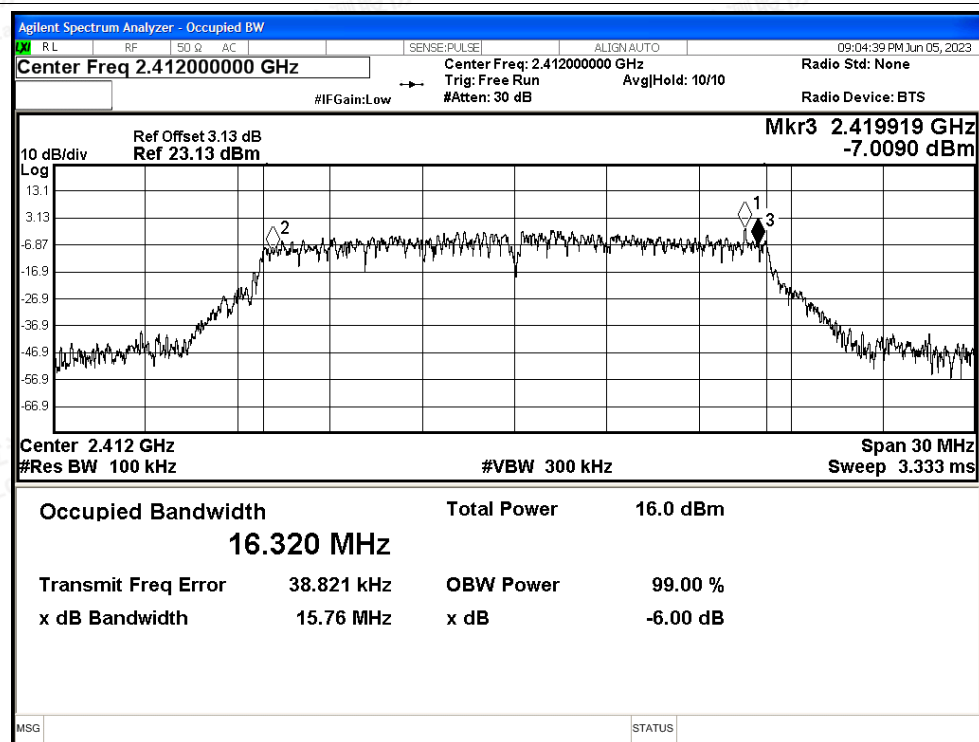
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-6dB Bandwidth NVNT b 2462MHz Ant



-6dB Bandwidth NVNT g 2412MHz Ant



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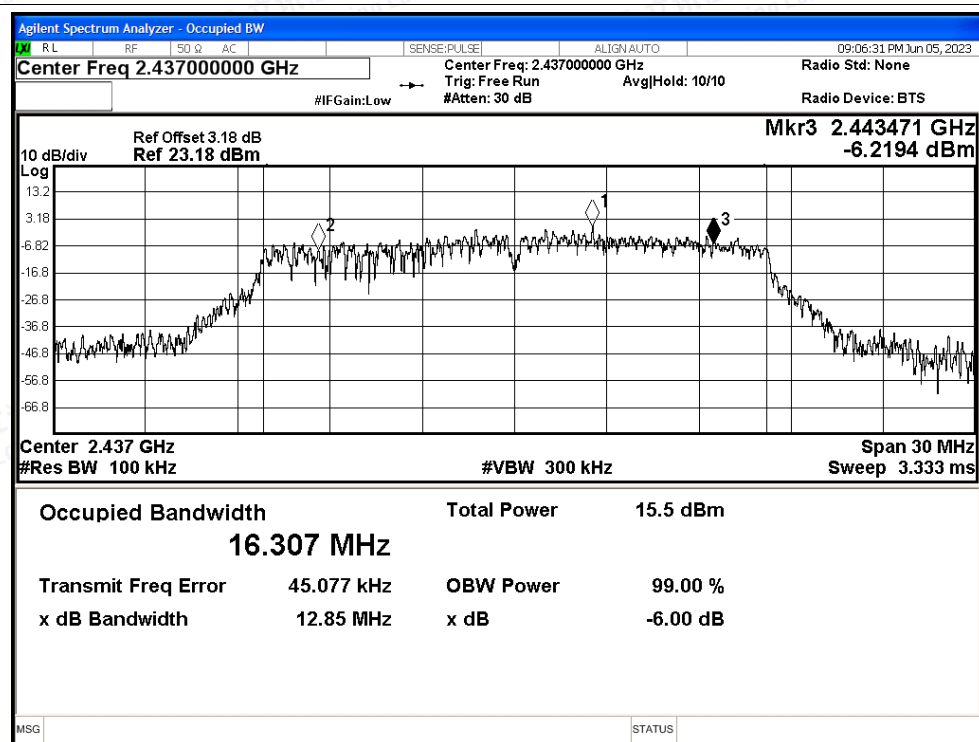
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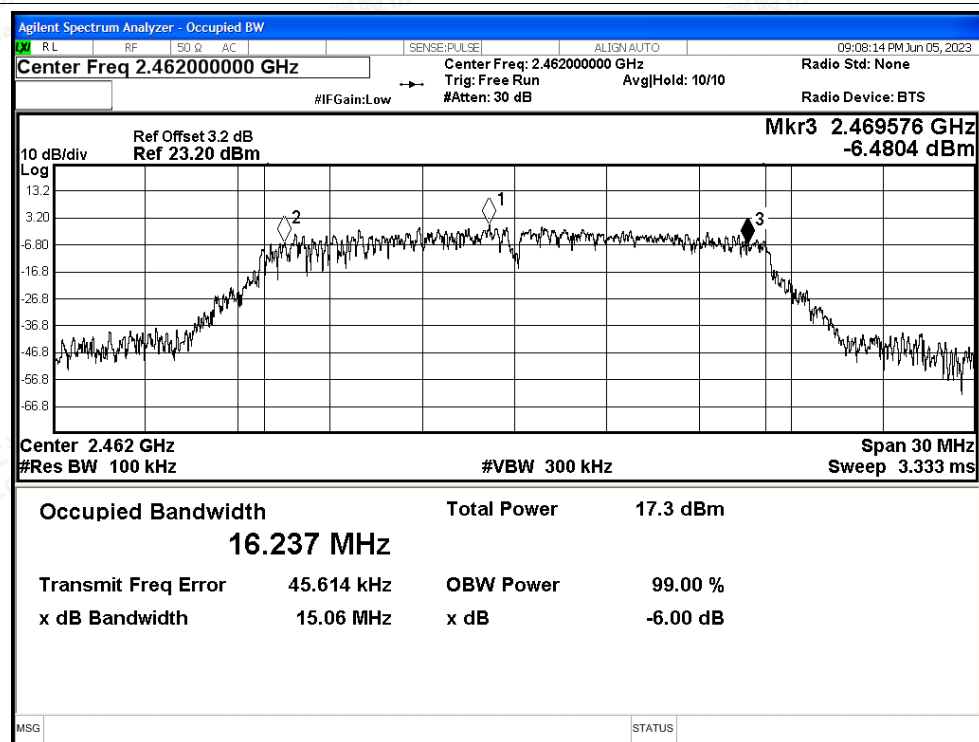
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-6dB Bandwidth NVNT g 2437MHz Ant



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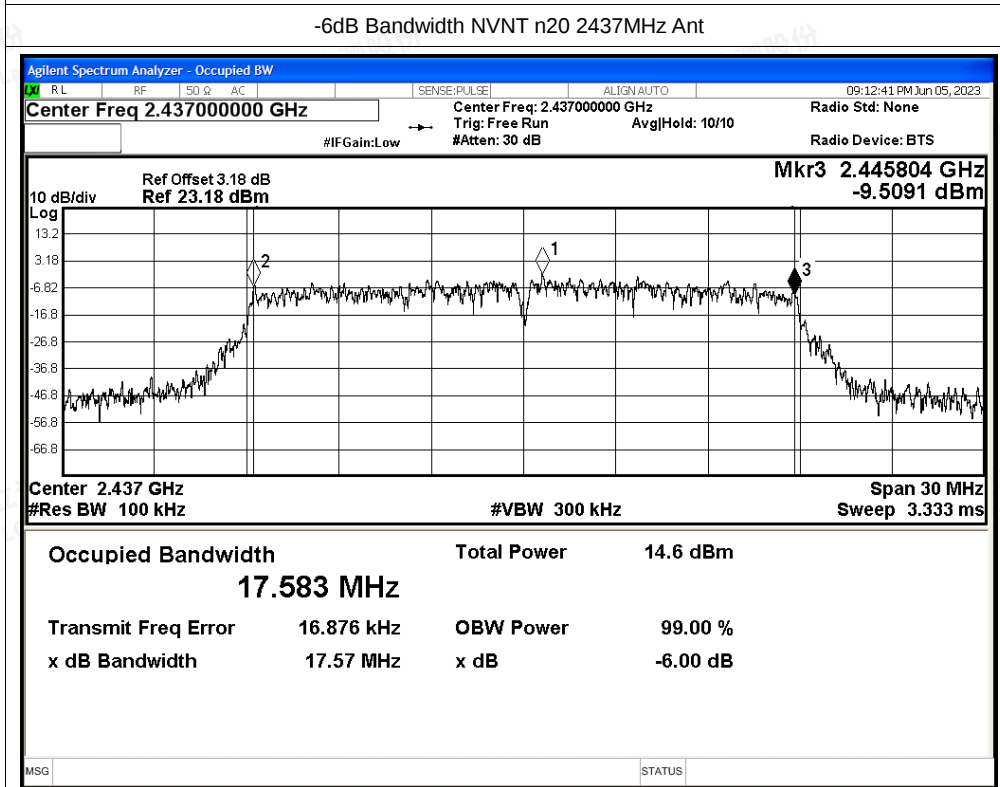
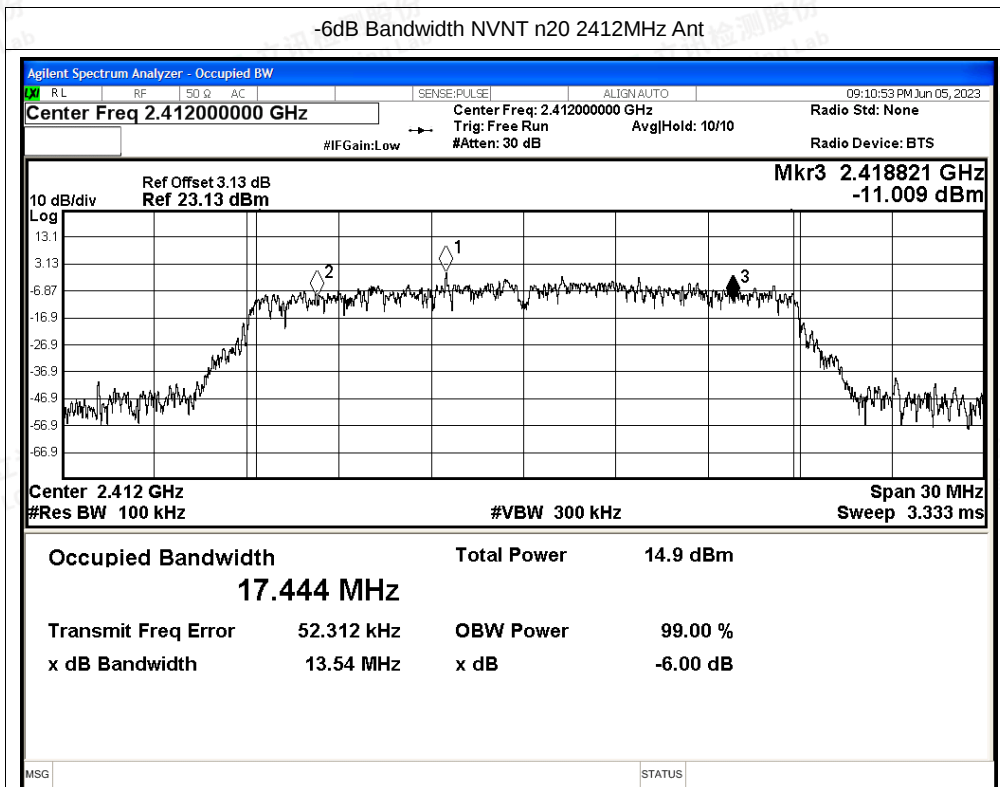


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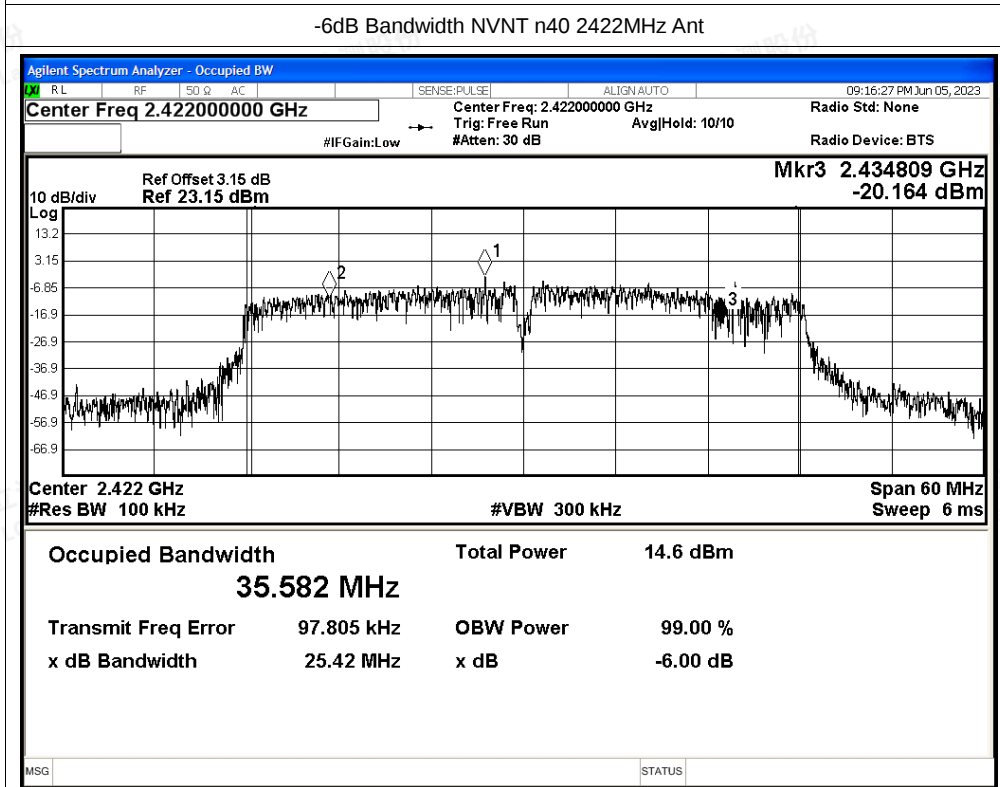
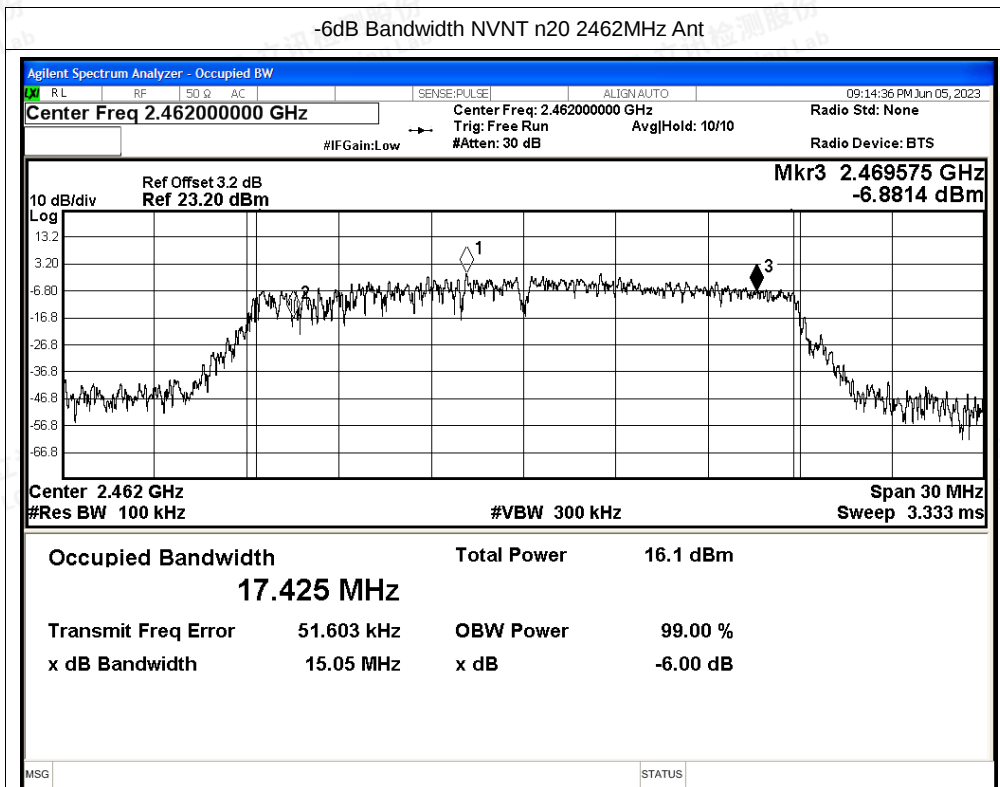


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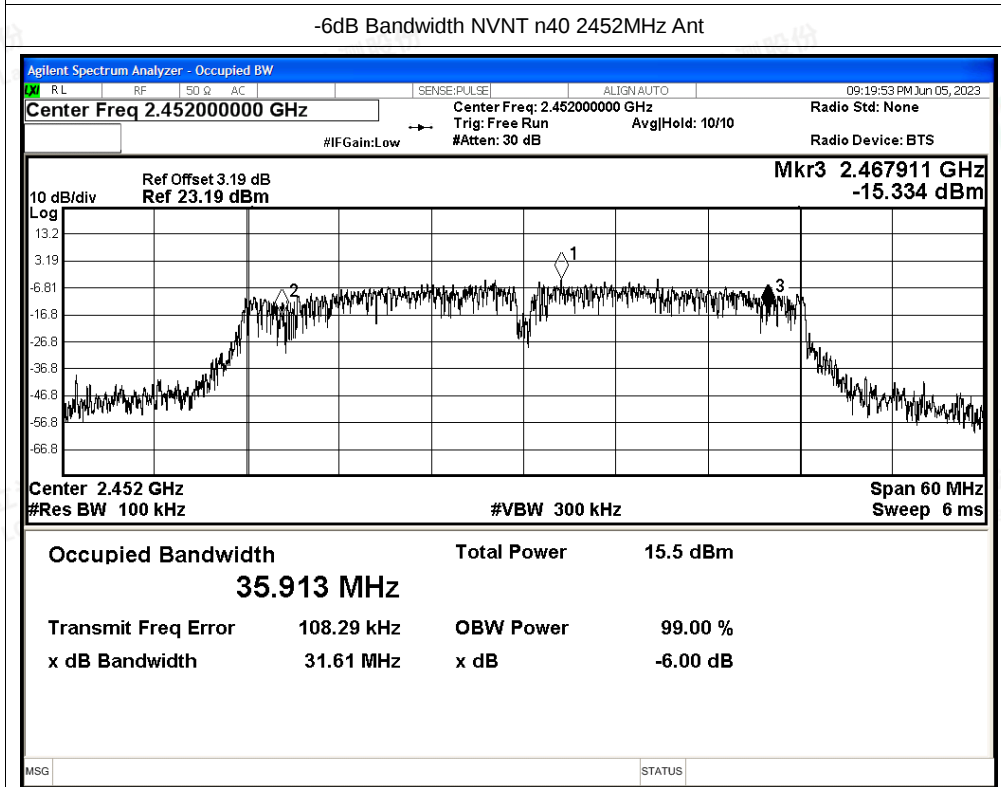
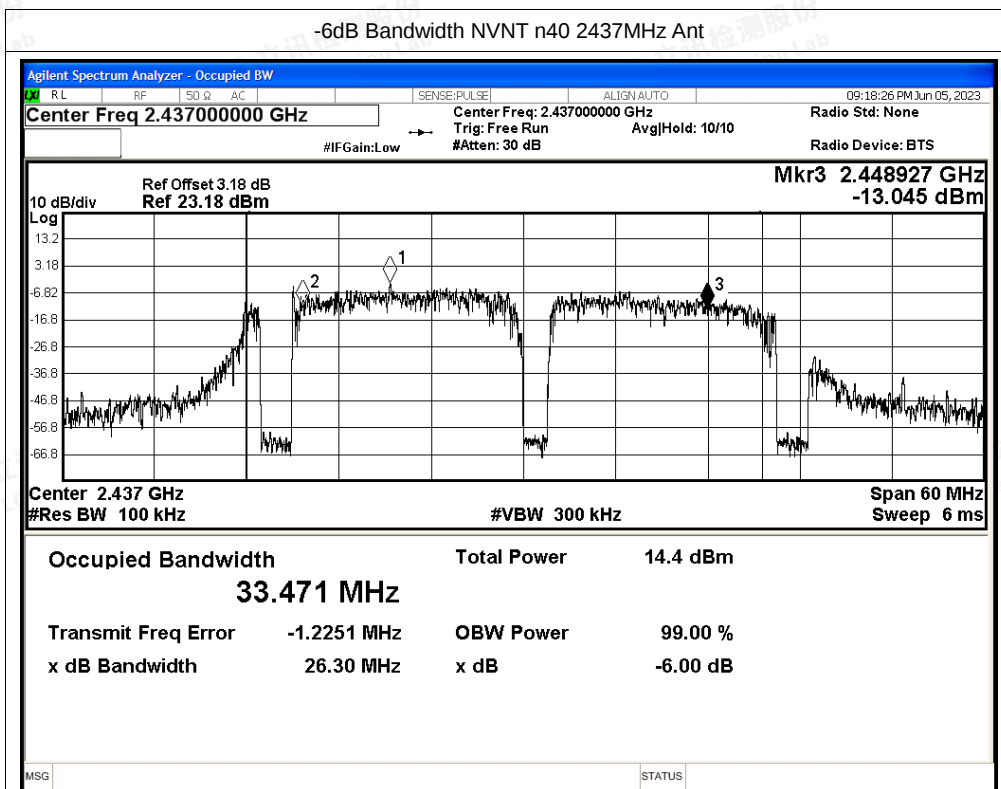


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A.2 Occupied Channel Bandwidth

Condition	Mode	Frequency (MHz)	Antenna	99% OBW (MHz)
NVNT	b	2412	Ant	12.787
NVNT	b	2437	Ant	12.721
NVNT	b	2462	Ant	12.592
NVNT	g	2412	Ant	16.374
NVNT	g	2437	Ant	16.297
NVNT	g	2462	Ant	16.3
NVNT	n20	2412	Ant	17.472
NVNT	n20	2437	Ant	17.578
NVNT	n20	2462	Ant	17.305
NVNT	n40	2422	Ant	35.805
NVNT	n40	2437	Ant	35.763
NVNT	n40	2452	Ant	35.854



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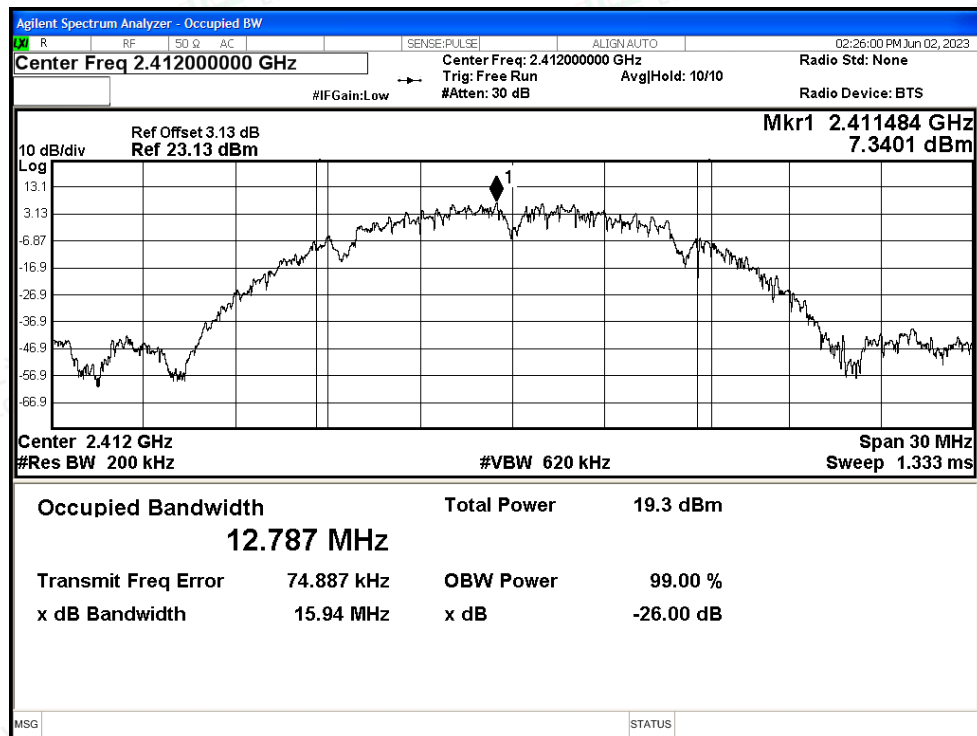
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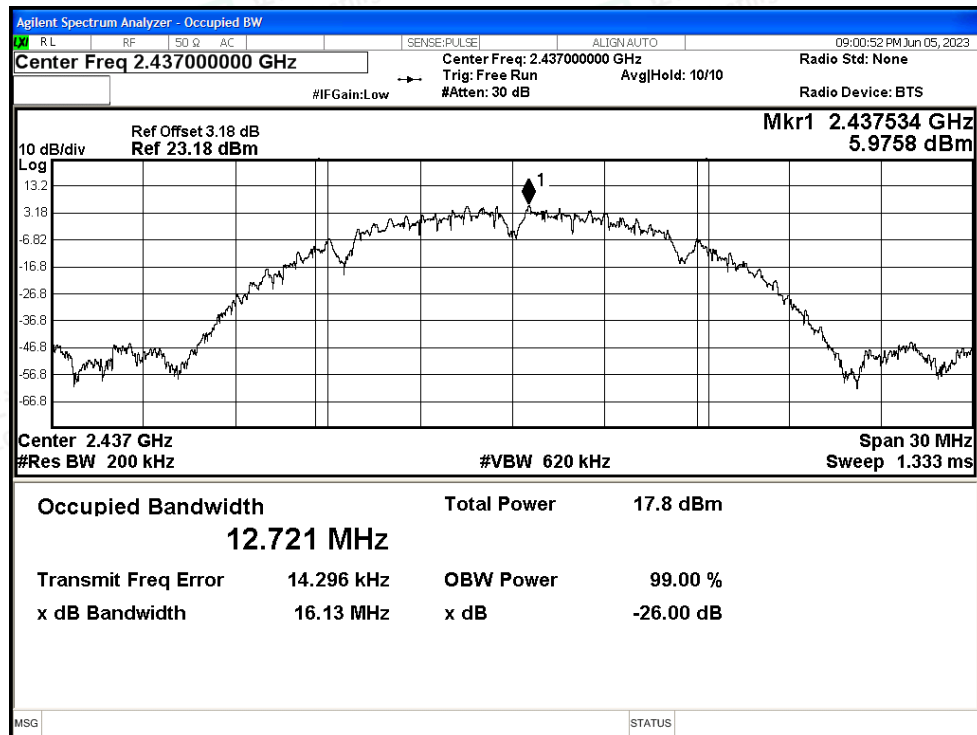


Test Graphs

OBW NVNT b 2412MHz Ant



OBW NVNT b 2437MHz Ant



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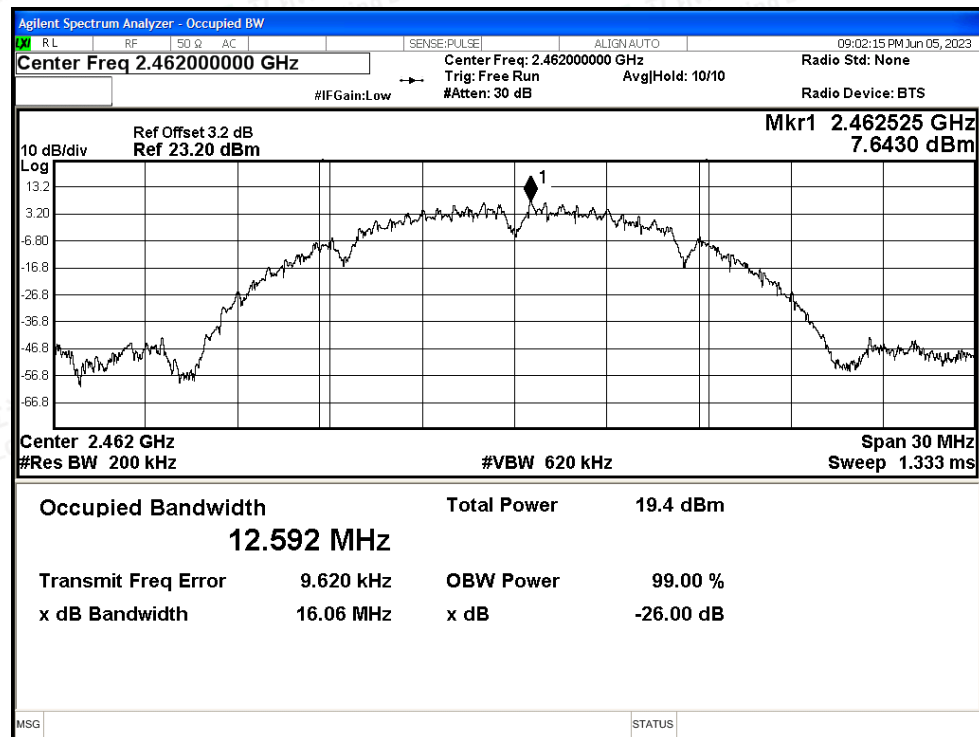
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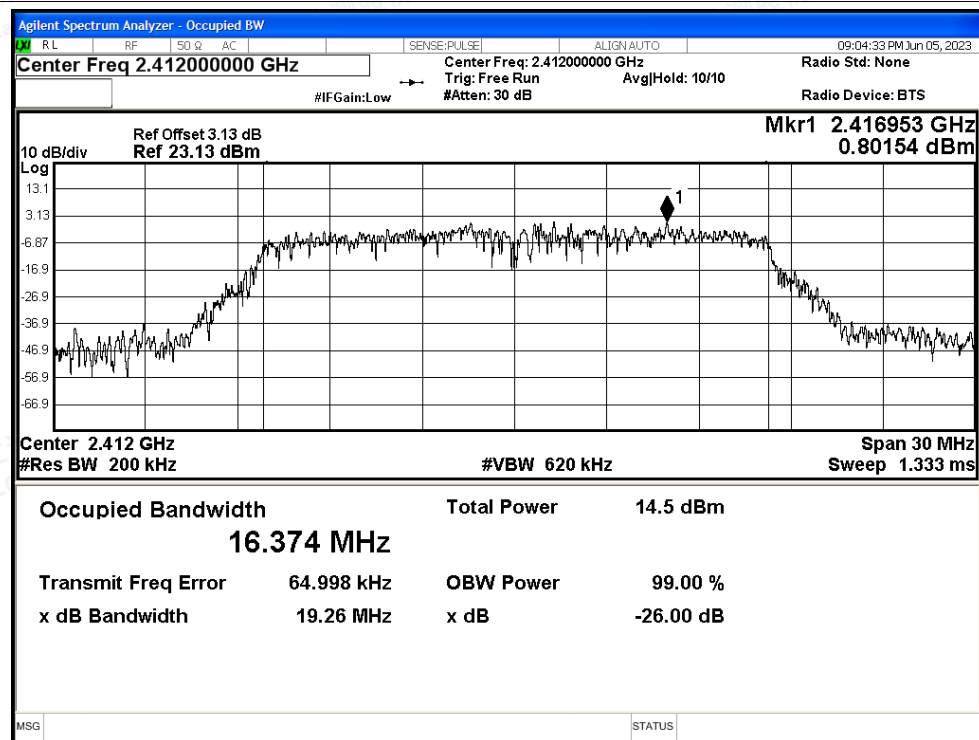
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OBW NVNT b 2462MHz Ant



OBW NVNT g 2412MHz Ant



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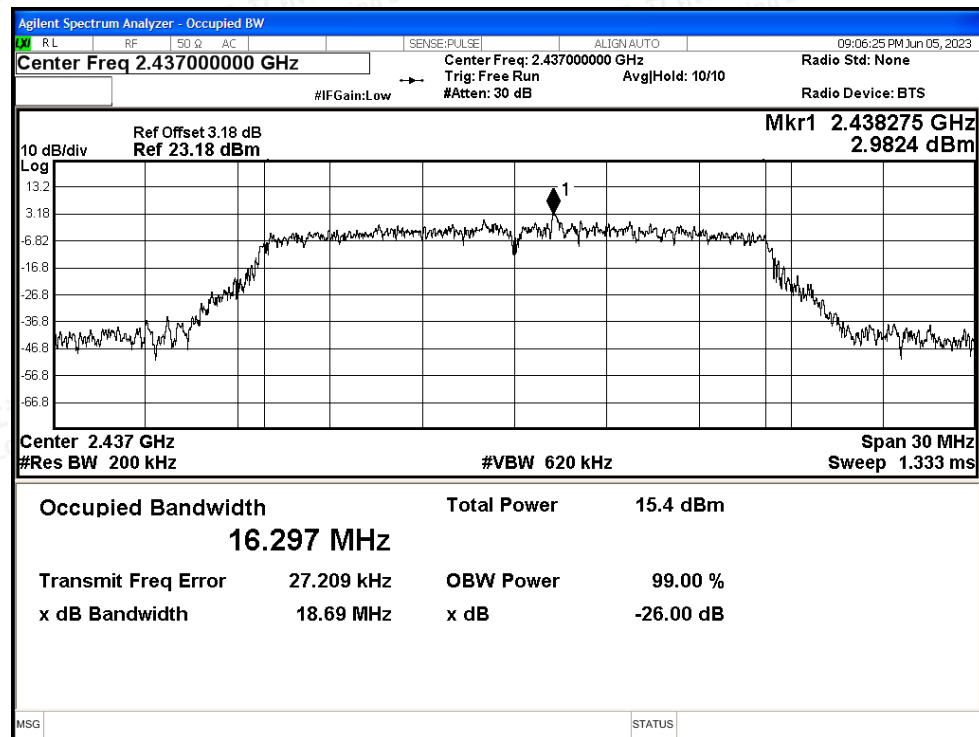
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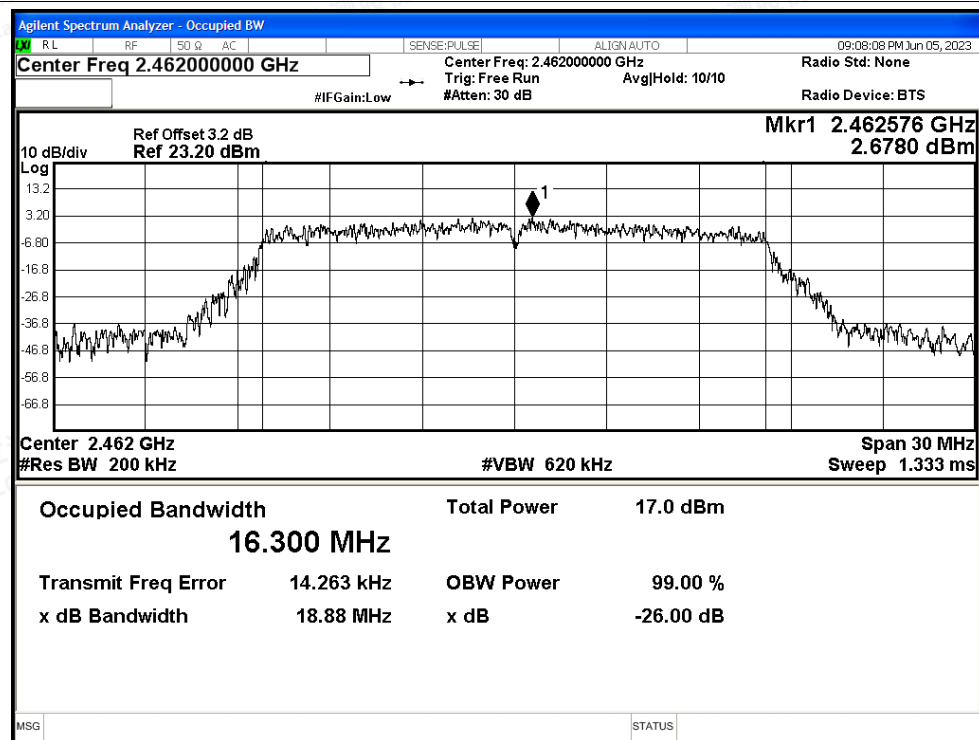
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OBW NVNT g 2437MHz Ant



OBW NVNT g 2462MHz Ant

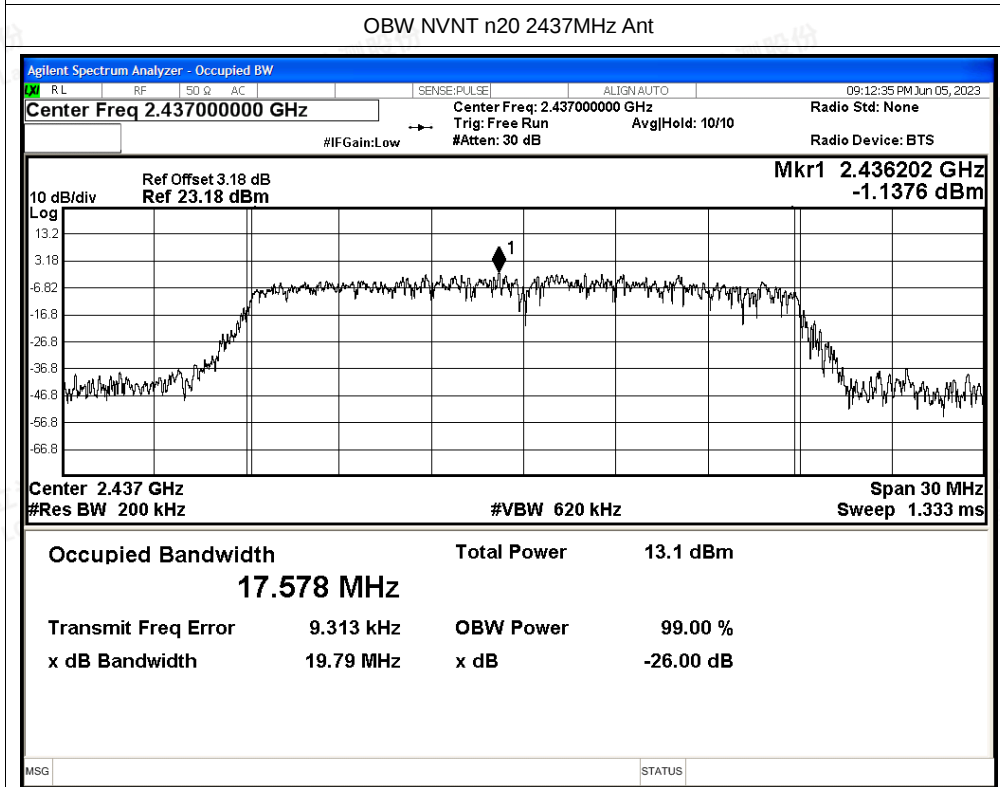
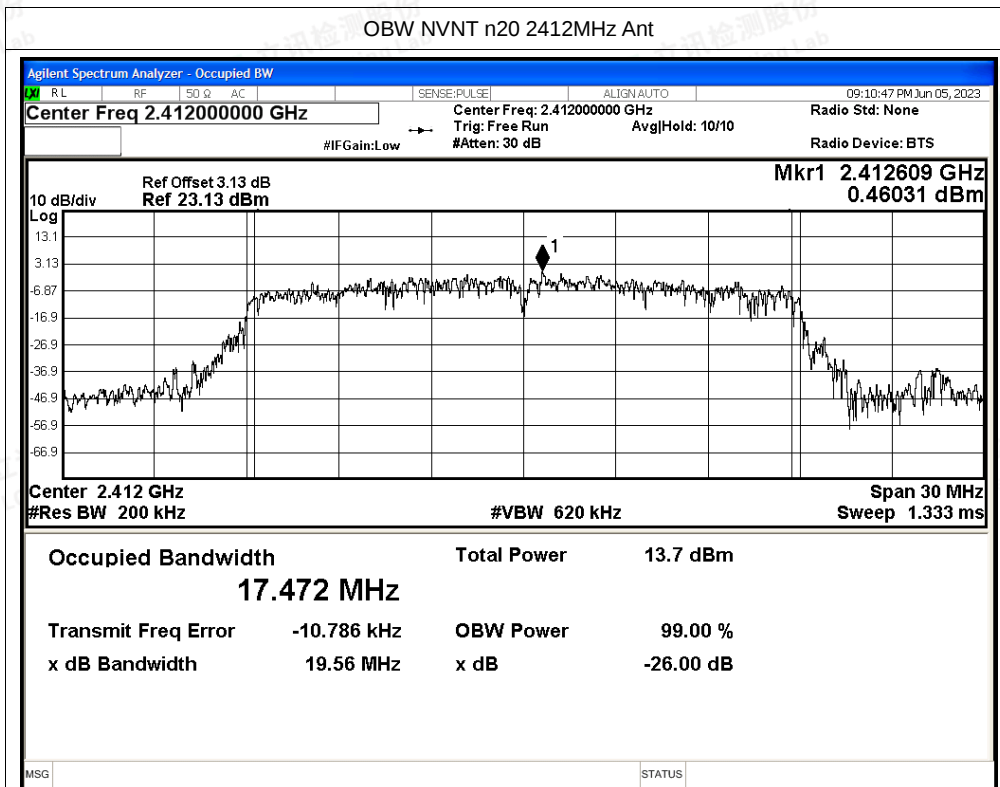


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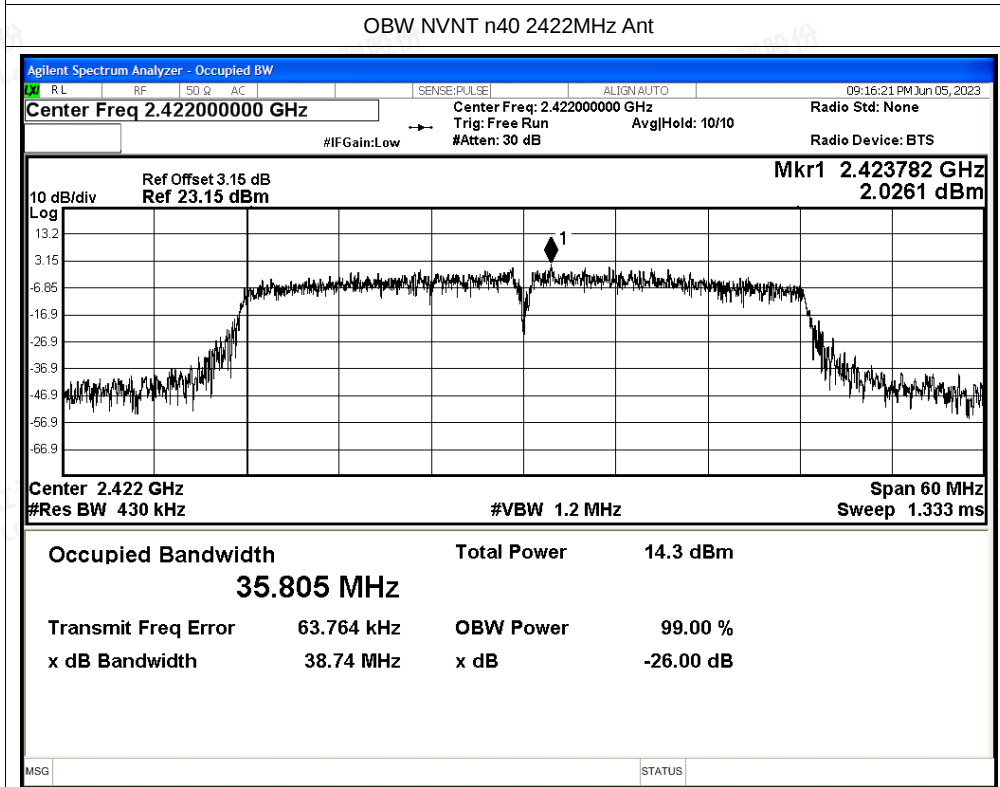
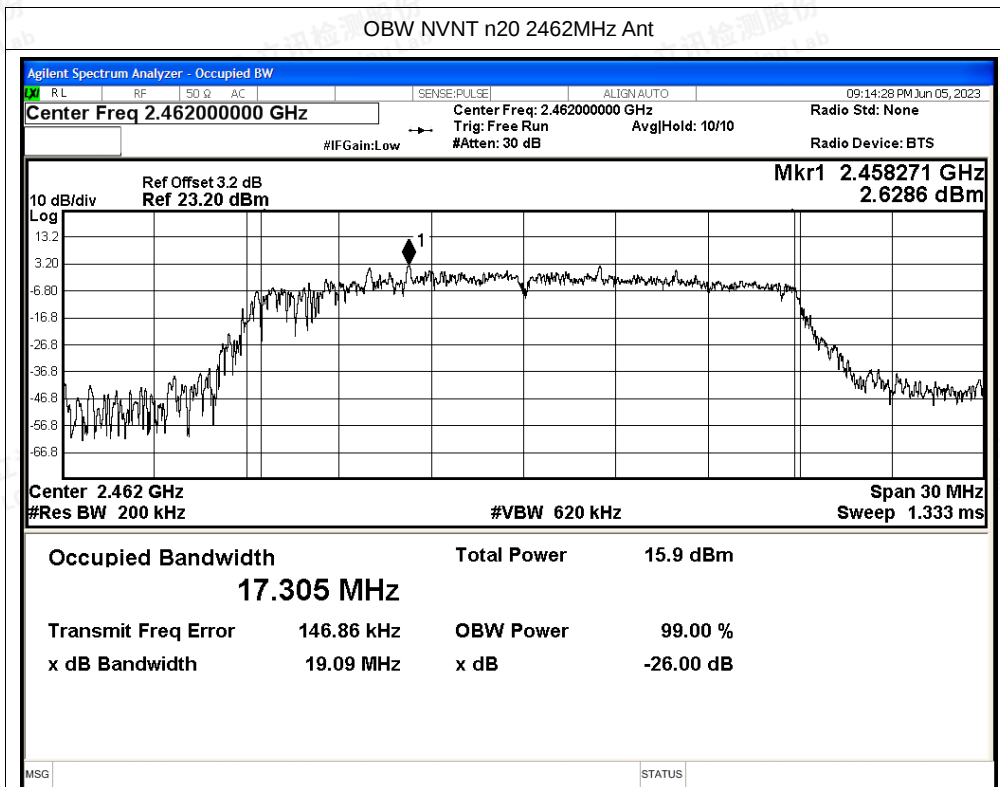


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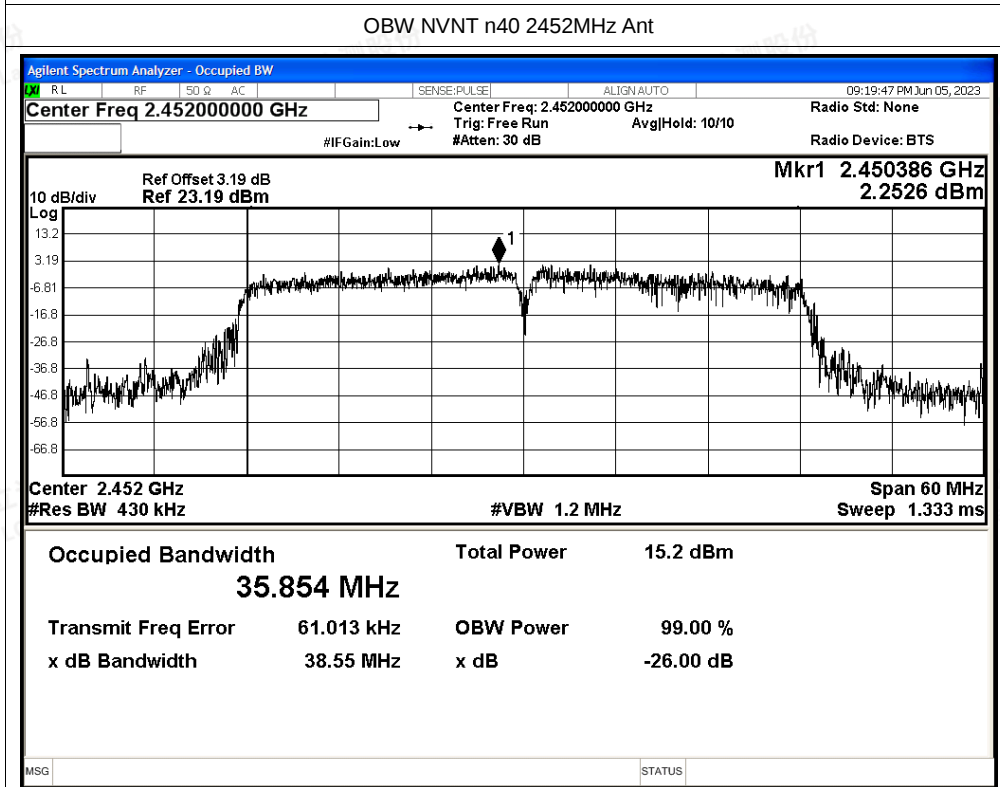
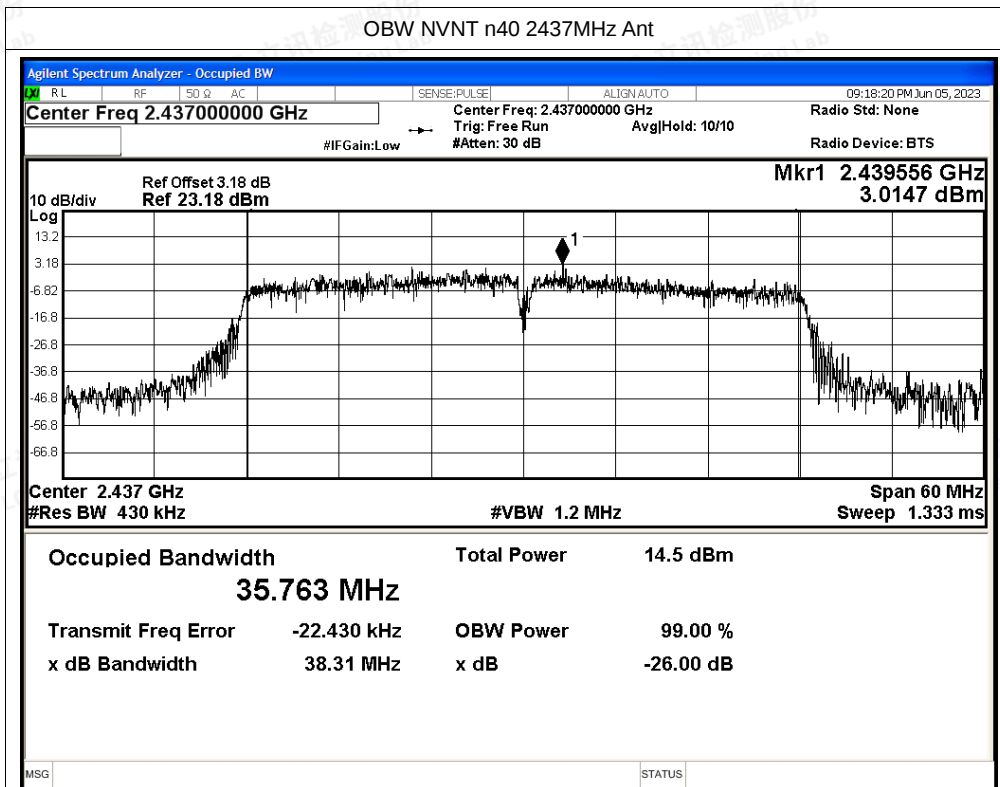


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A.3 Maximum Conducted Output Power and EIRP

Condition	Mode	Frequency (MHz)	Antenna	Total Power (dBm)	Limit (dBm)	Antenna Gain	Report EIRP Power(dBm)	Limit (dBm)	Verdict
NVNT	b	2412	Ant	17.11	30	0.11	17.22	36	Pass
NVNT	b	2437	Ant	15.18	30	0.11	15.29	36	Pass
NVNT	b	2462	Ant	16.58	30	0.11	16.69	36	Pass
NVNT	g	2412	Ant	14.96	30	0.11	15.07	36	Pass
NVNT	g	2437	Ant	14.31	30	0.11	14.42	36	Pass
NVNT	g	2462	Ant	16.18	30	0.11	16.29	36	Pass
NVNT	n20	2412	Ant	13.92	30	0.11	14.03	36	Pass
NVNT	n20	2437	Ant	13.29	30	0.11	13.4	36	Pass
NVNT	n20	2462	Ant	17.25	30	0.11	17.36	36	Pass
NVNT	n40	2422	Ant	13.47	30	0.11	13.58	36	Pass
NVNT	n40	2437	Ant	13.86	30	0.11	13.97	36	Pass
NVNT	n40	2452	Ant	14.65	30	0.11	14.76	36	Pass



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A.4 Maximum Power Spectral Density Level

Condition	Mode	Frequency (MHz)	Antenna	Total PSD (dBm/3kHz)	Limit (dBm/3kHz)	Verdict
NVNT	b	2412	Ant	-6.79	8	Pass
NVNT	b	2437	Ant	-9.3	8	Pass
NVNT	b	2462	Ant	-6.18	8	Pass
NVNT	g	2412	Ant	-12.75	8	Pass
NVNT	g	2437	Ant	-12.51	8	Pass
NVNT	g	2462	Ant	-11.02	8	Pass
NVNT	n20	2412	Ant	-12.67	8	Pass
NVNT	n20	2437	Ant	-12.36	8	Pass
NVNT	n20	2462	Ant	-12.31	8	Pass
NVNT	n40	2422	Ant	-16.25	8	Pass
NVNT	n40	2437	Ant	-16.87	8	Pass
NVNT	n40	2452	Ant	-15.37	8	Pass



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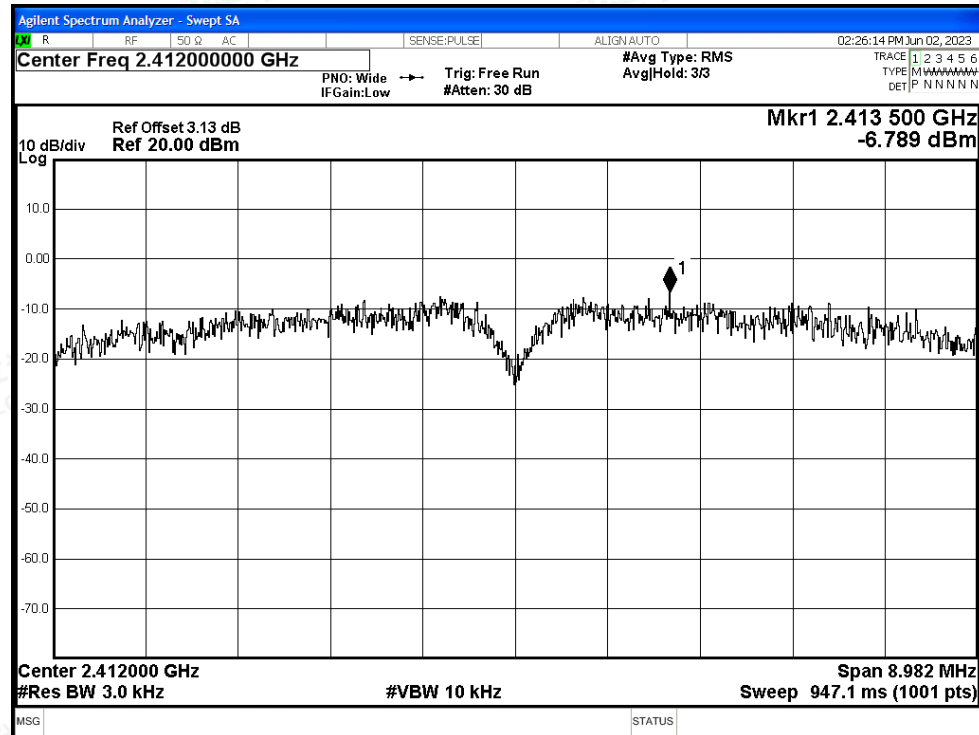
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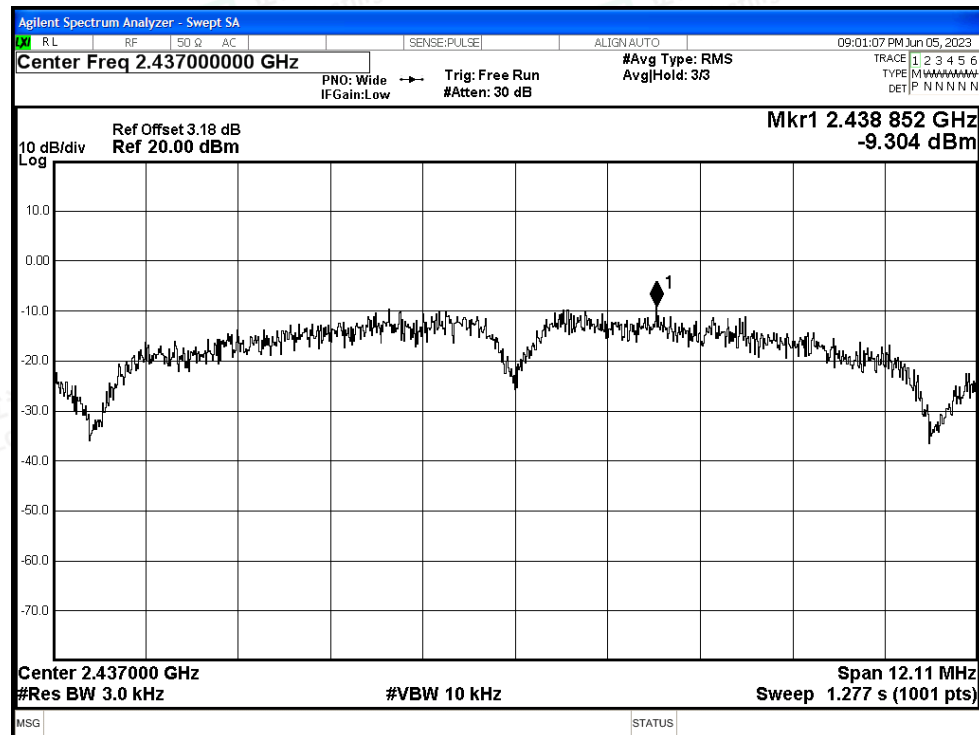


Test Graphs

PSD NVNT b 2412MHz Ant



PSD NVNT b 2437MHz Ant

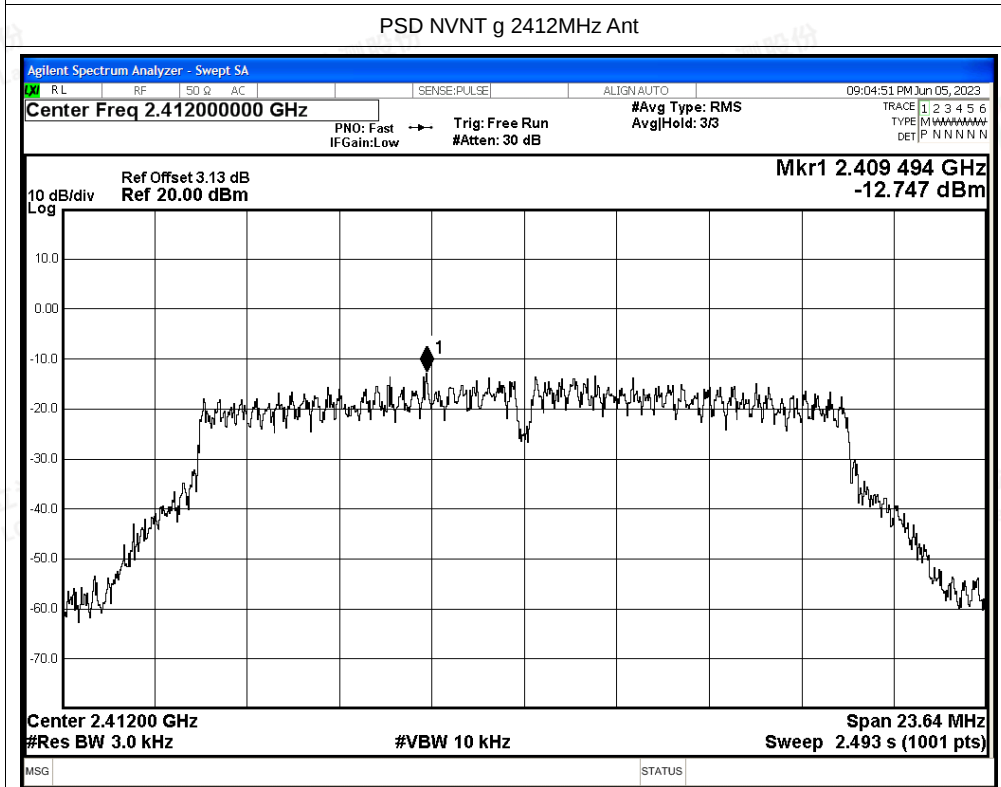
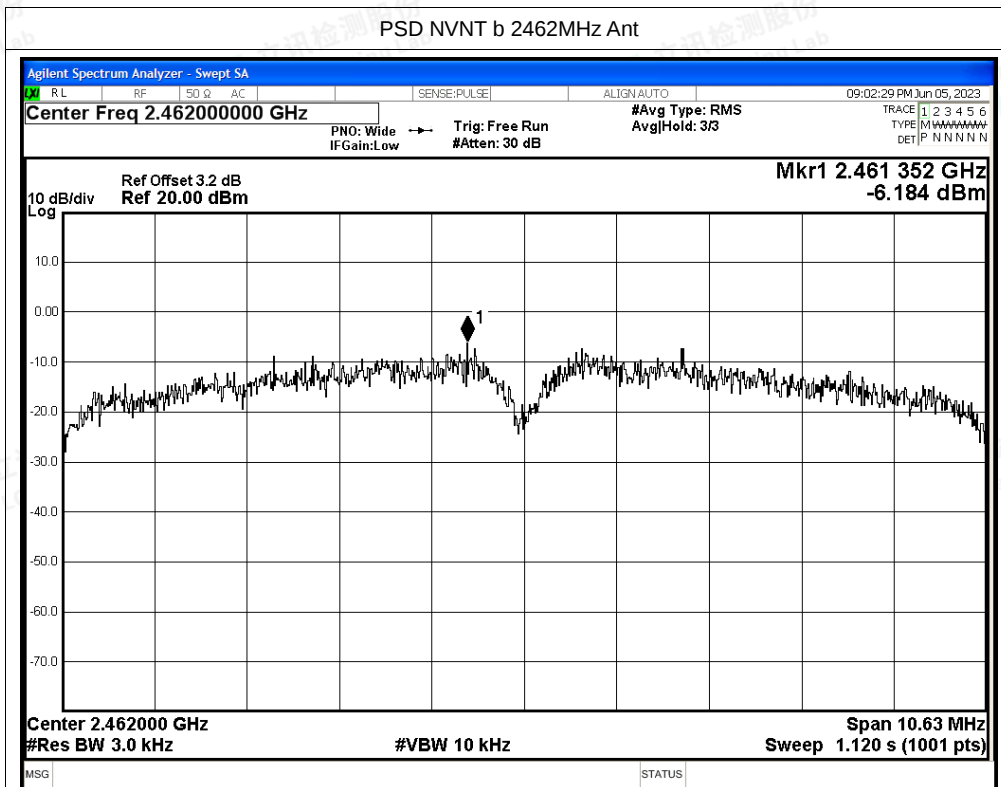


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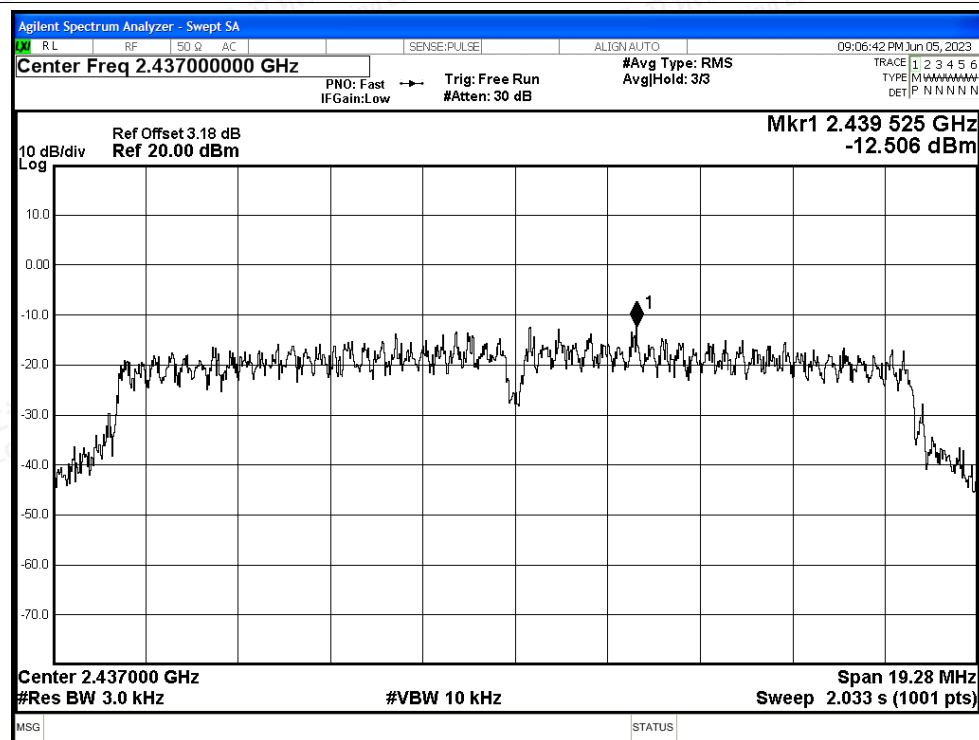
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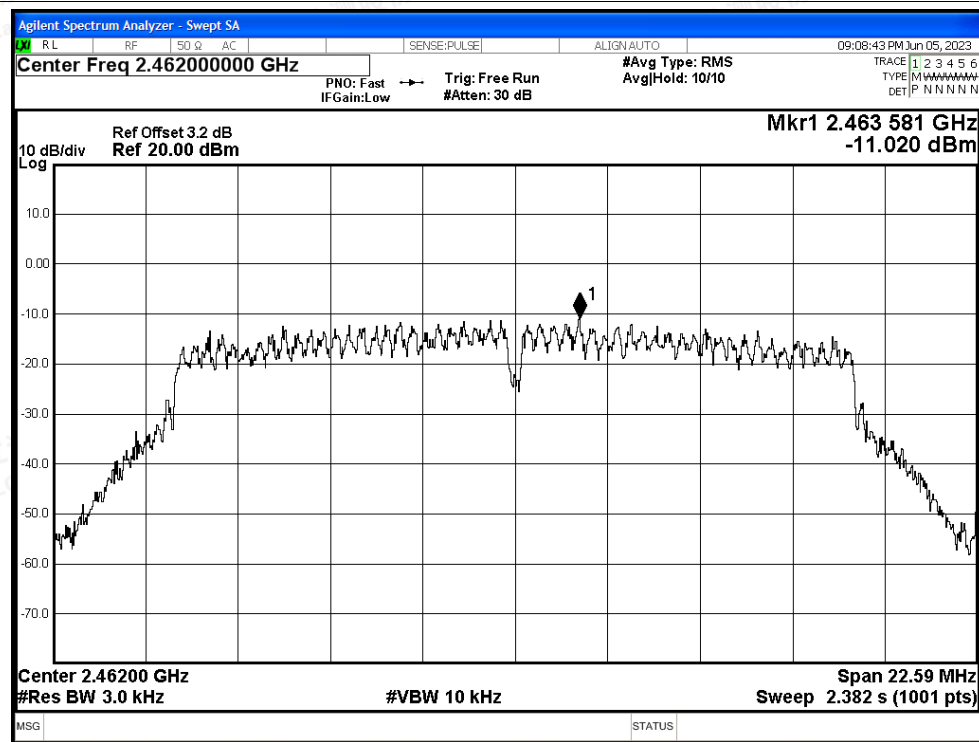
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PSD NVNT g 2437MHz Ant



PSD NVNT g 2462MHz Ant

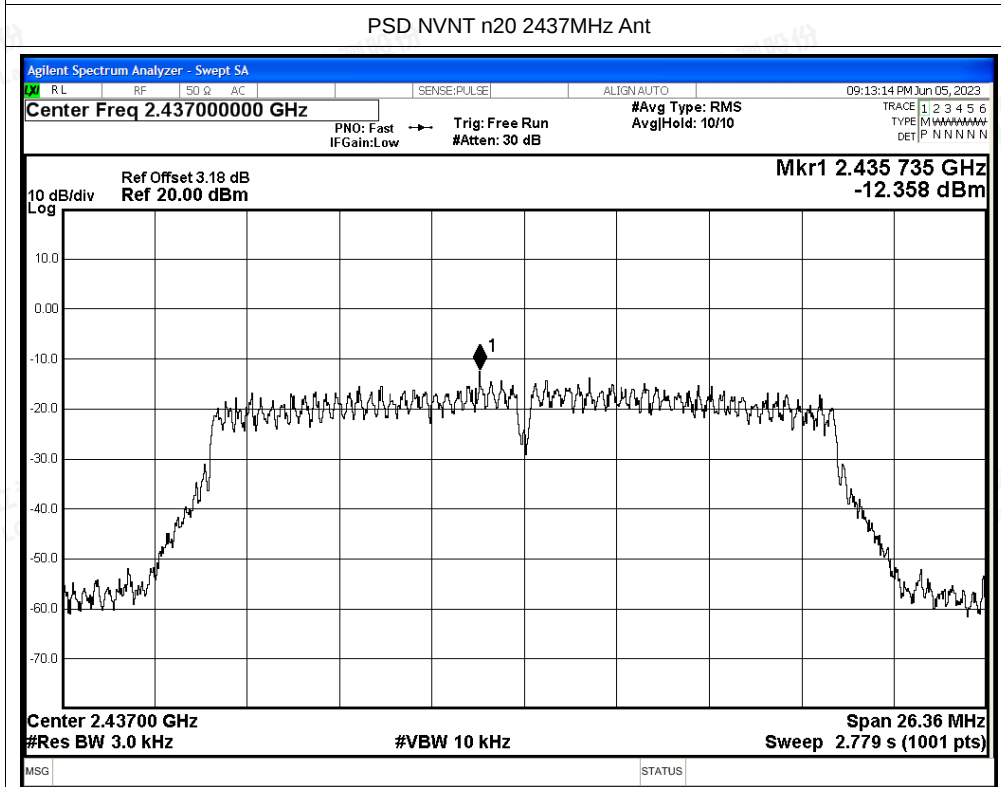
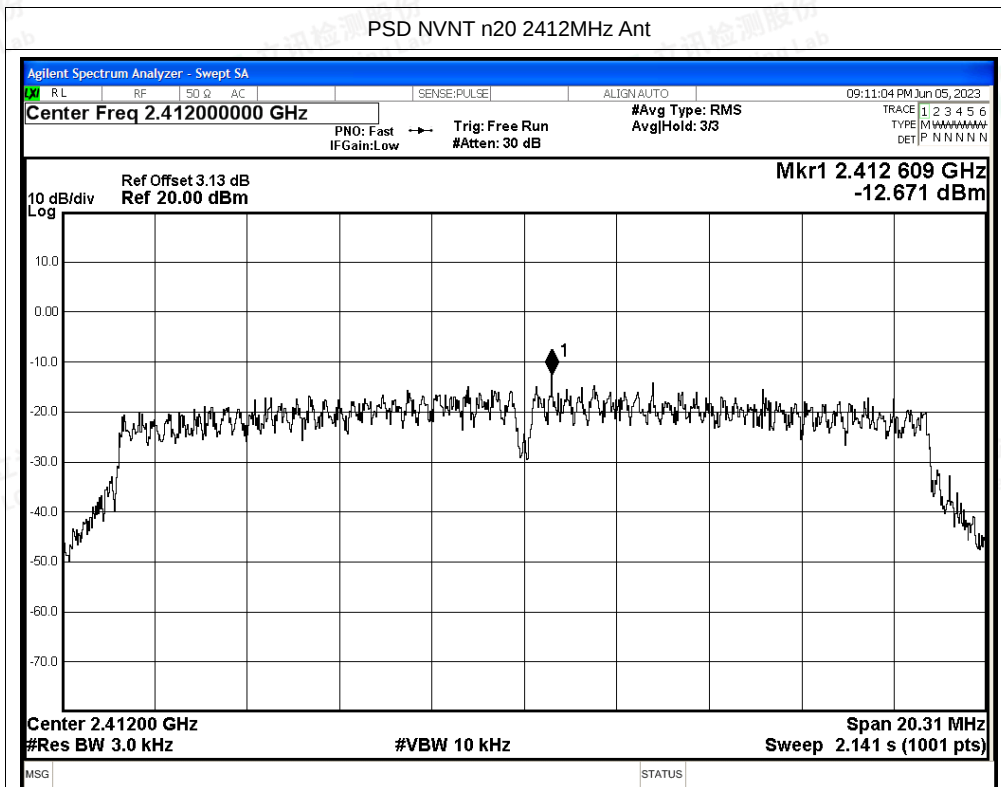


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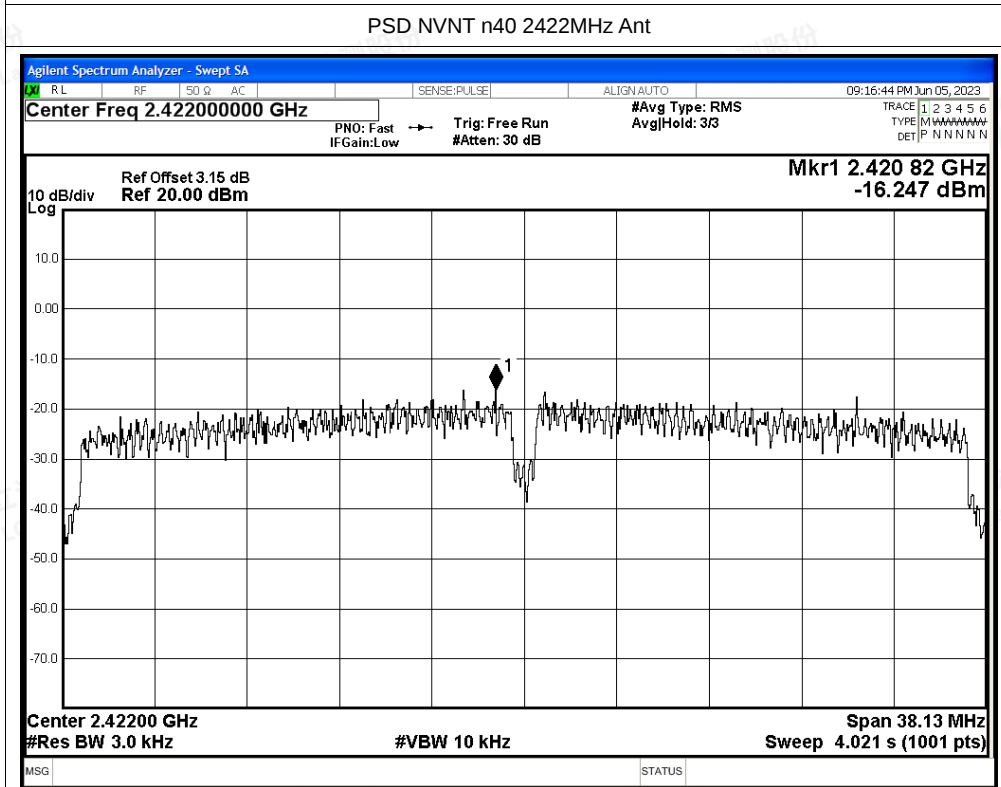
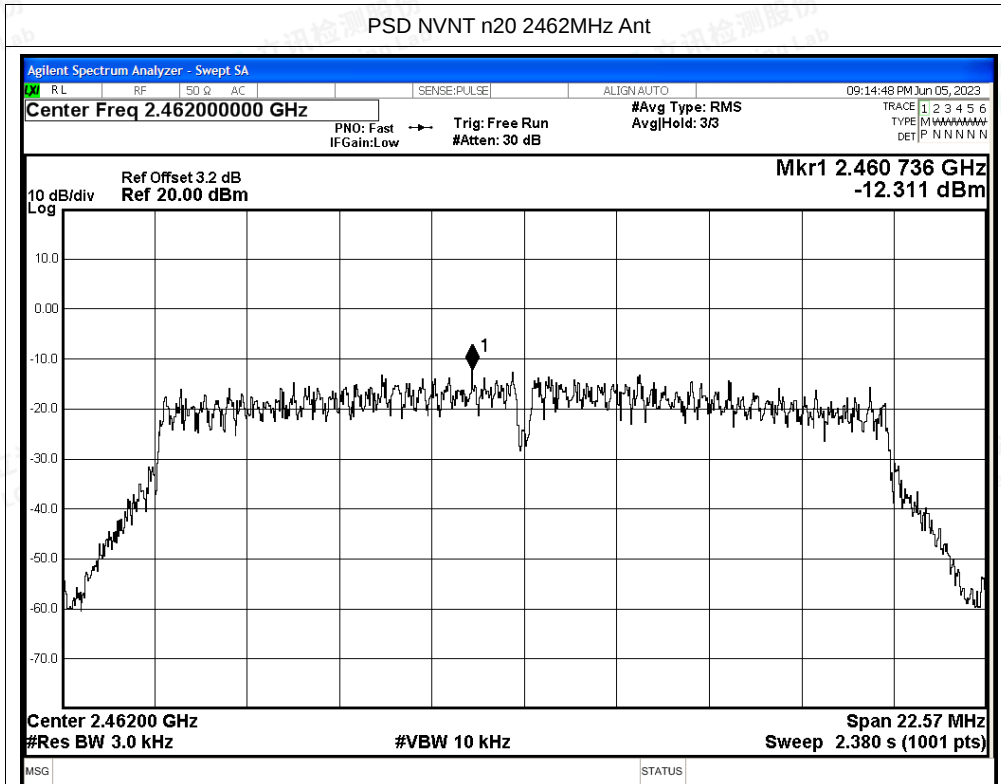


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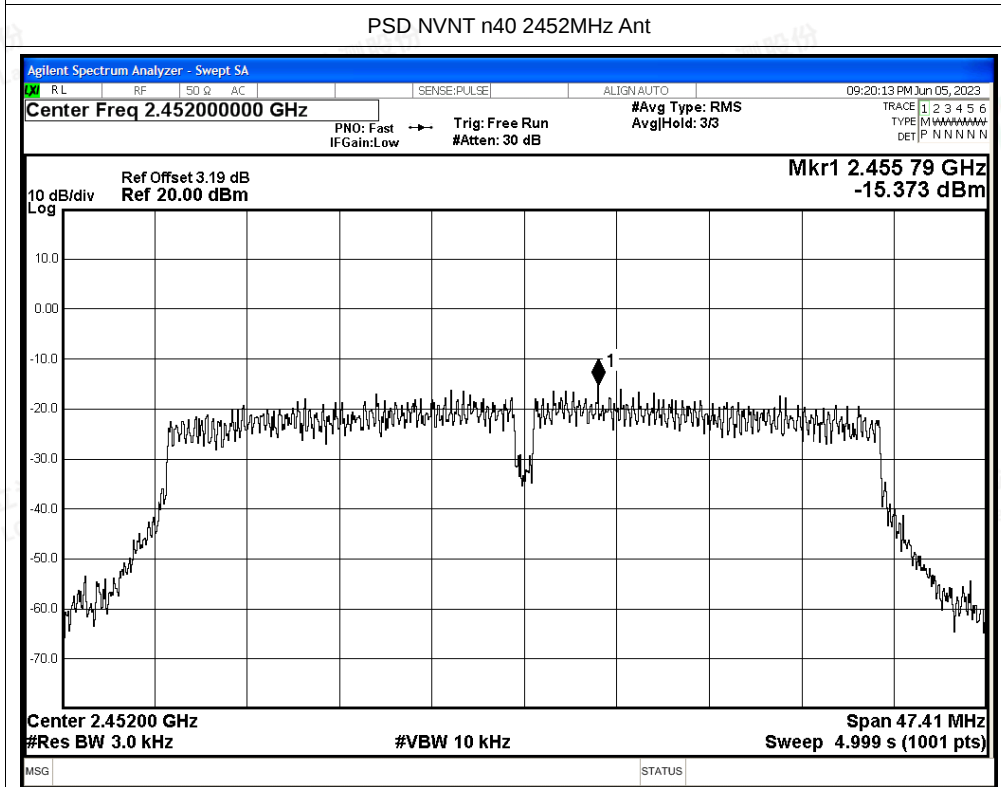
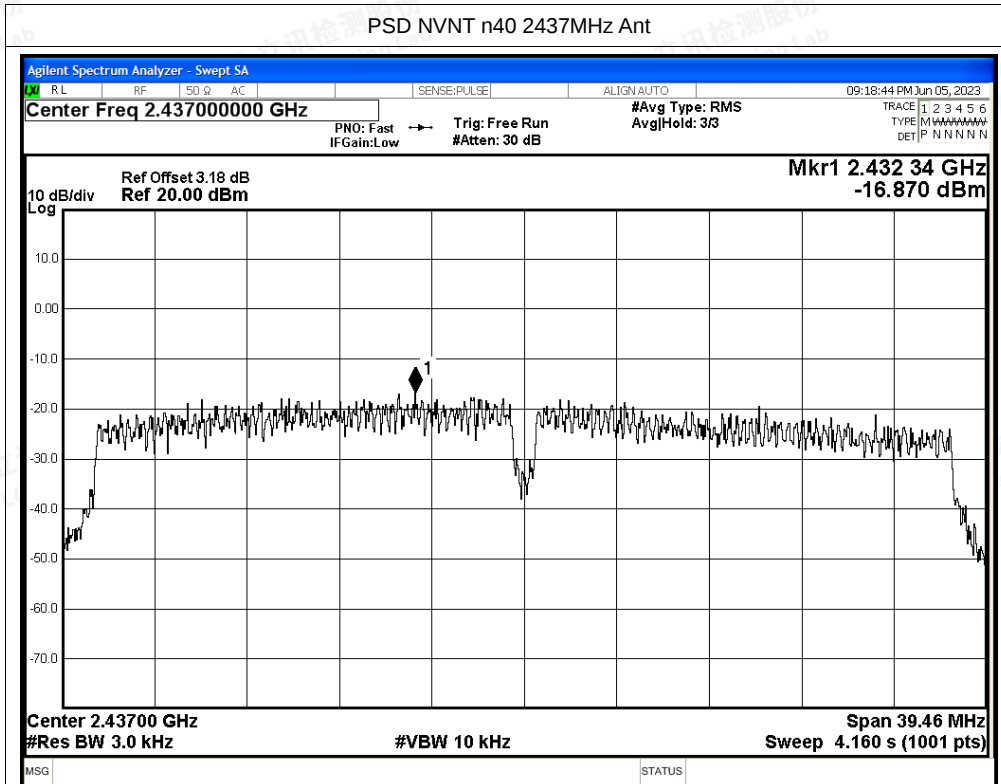


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A.5 Band Edge

Condition	Mode	Frequency (MHz)	Antenna	Max Value (dBc)	Limit (dBc)	Verdict
NVNT	b	2412	Ant	-51.22	-20	Pass
NVNT	b	2462	Ant	-64.11	-20	Pass
NVNT	g	2412	Ant	-43.4	-20	Pass
NVNT	g	2462	Ant	-55.8	-20	Pass
NVNT	n20	2412	Ant	-40.39	-20	Pass
NVNT	n20	2462	Ant	-53.37	-20	Pass
NVNT	n40	2422	Ant	-41.6	-20	Pass
NVNT	n40	2452	Ant	-42.3	-20	Pass

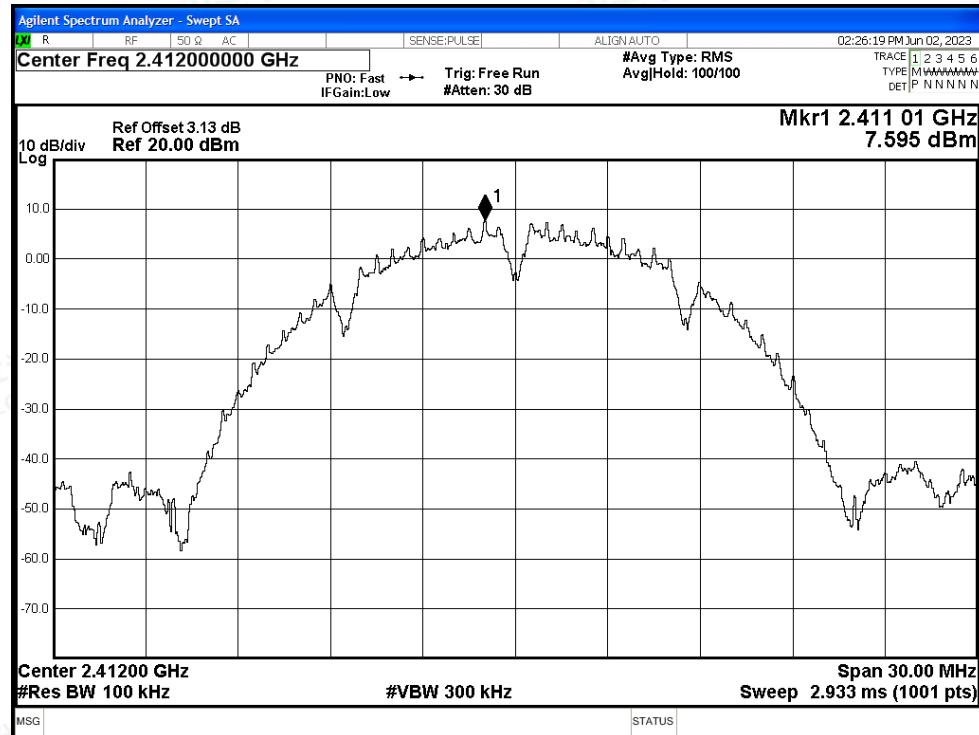


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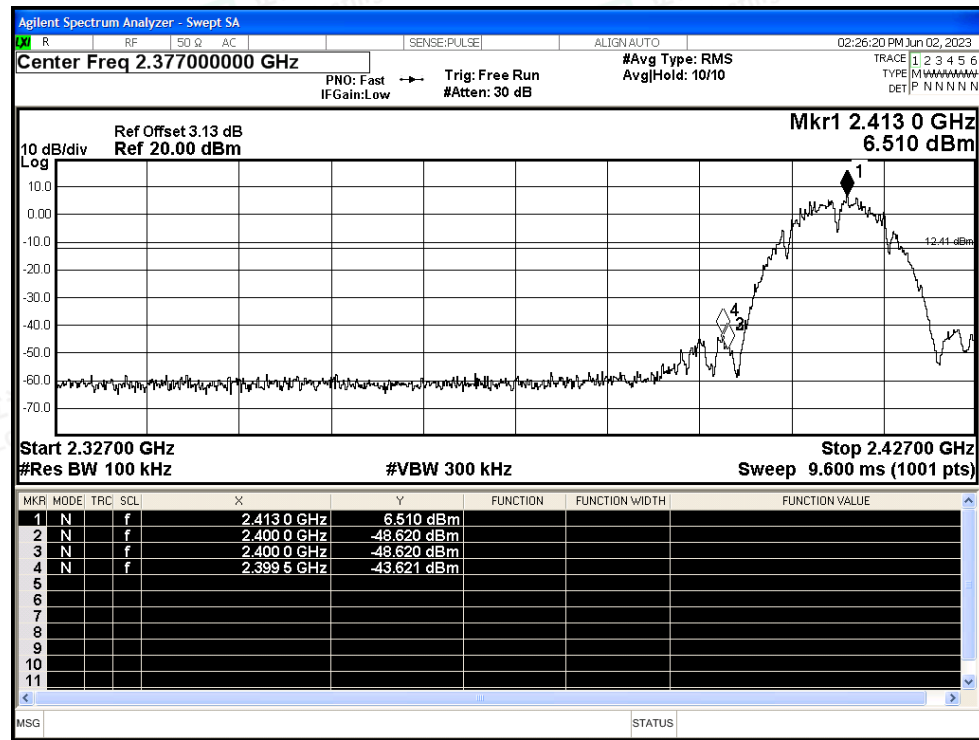


Test Graphs

Band Edge NVNT b 2412MHz Ant Ref



Band Edge NVNT b 2412MHz Ant Emission

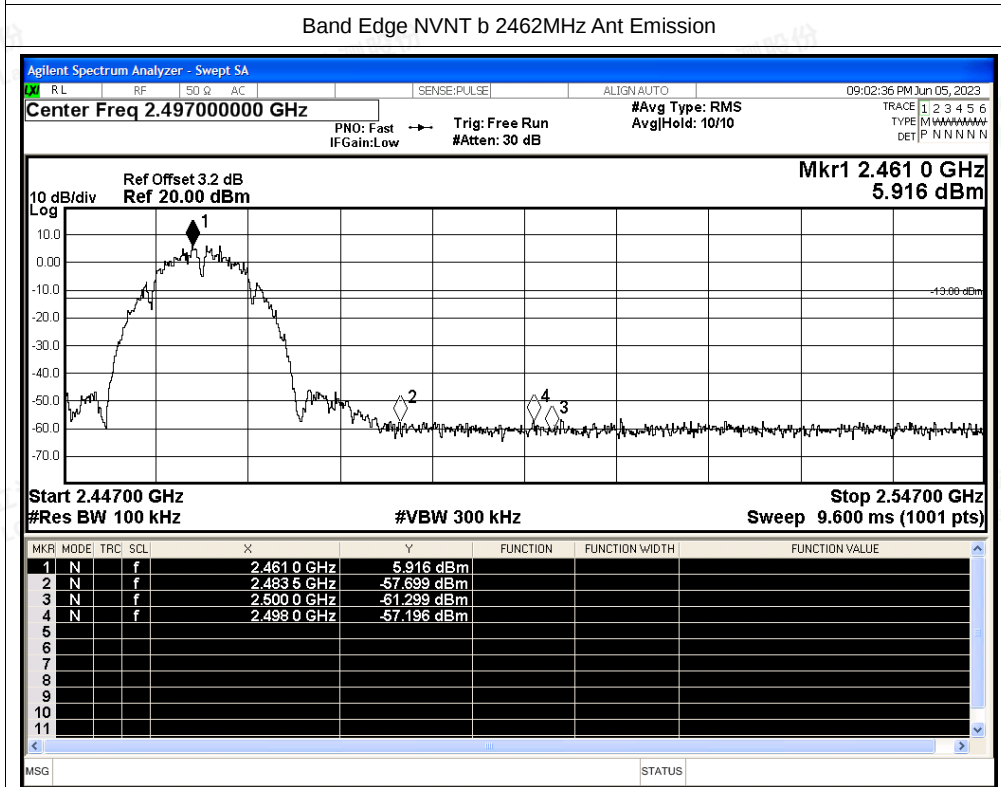
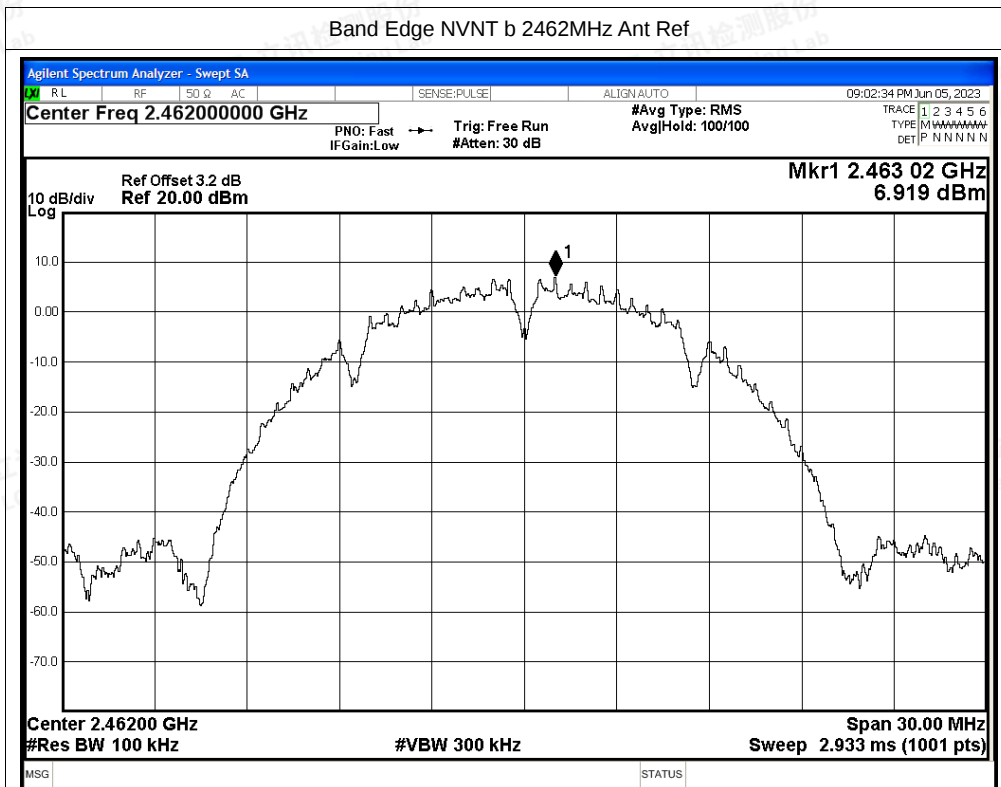


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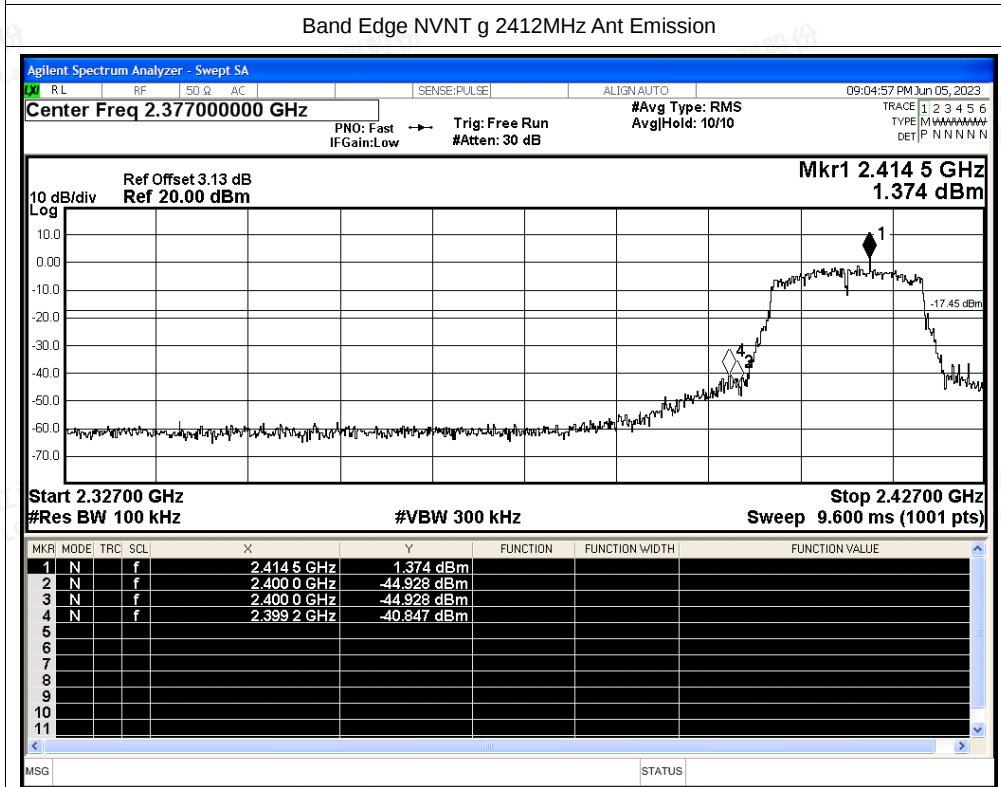
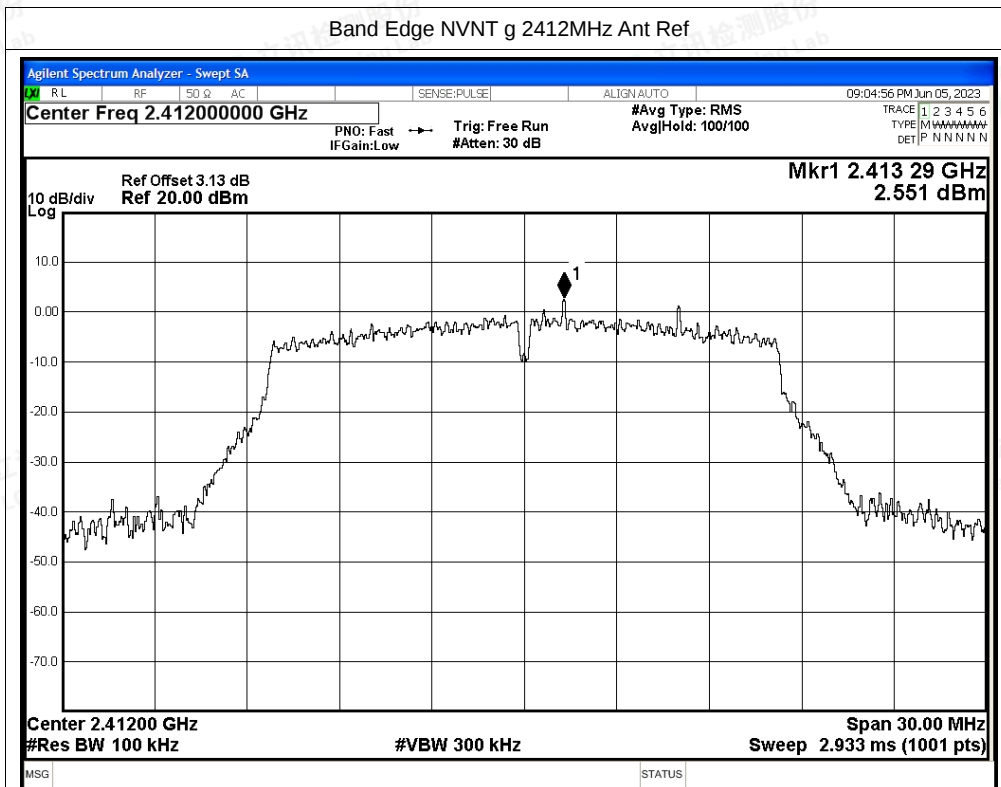


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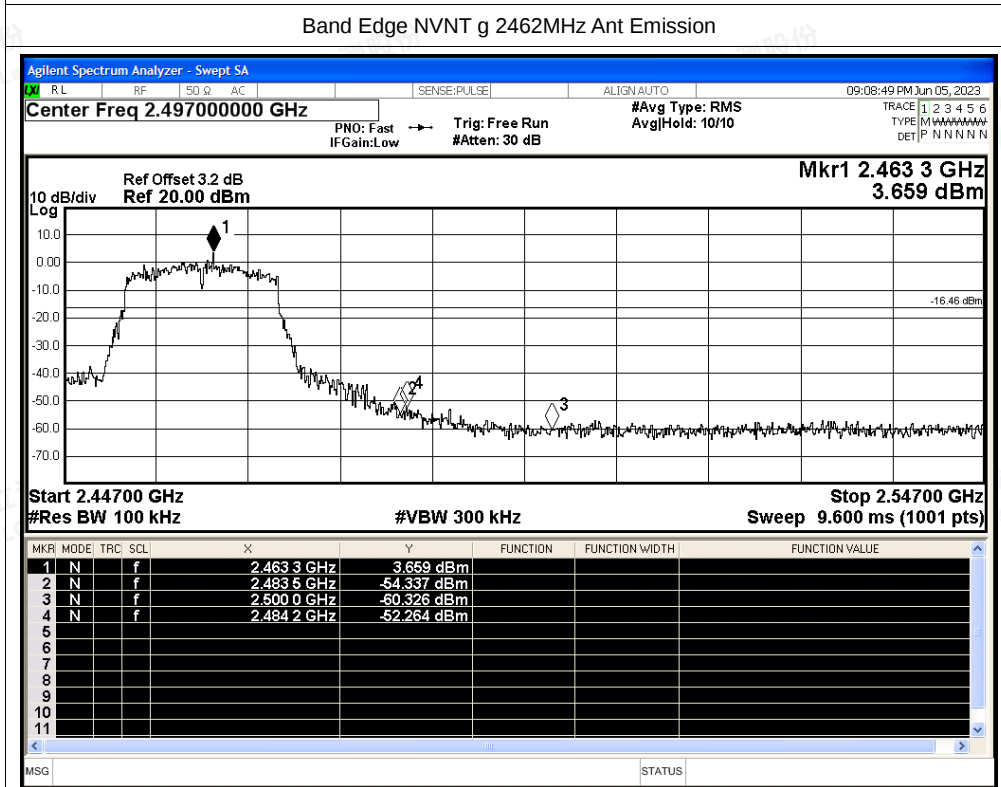
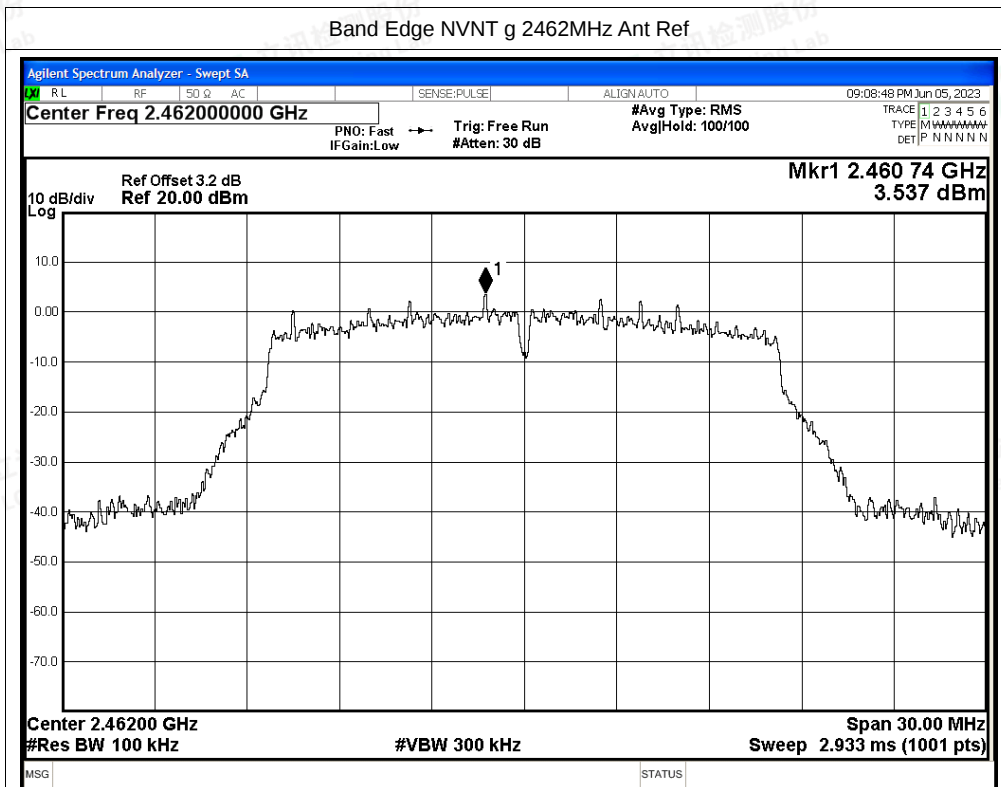


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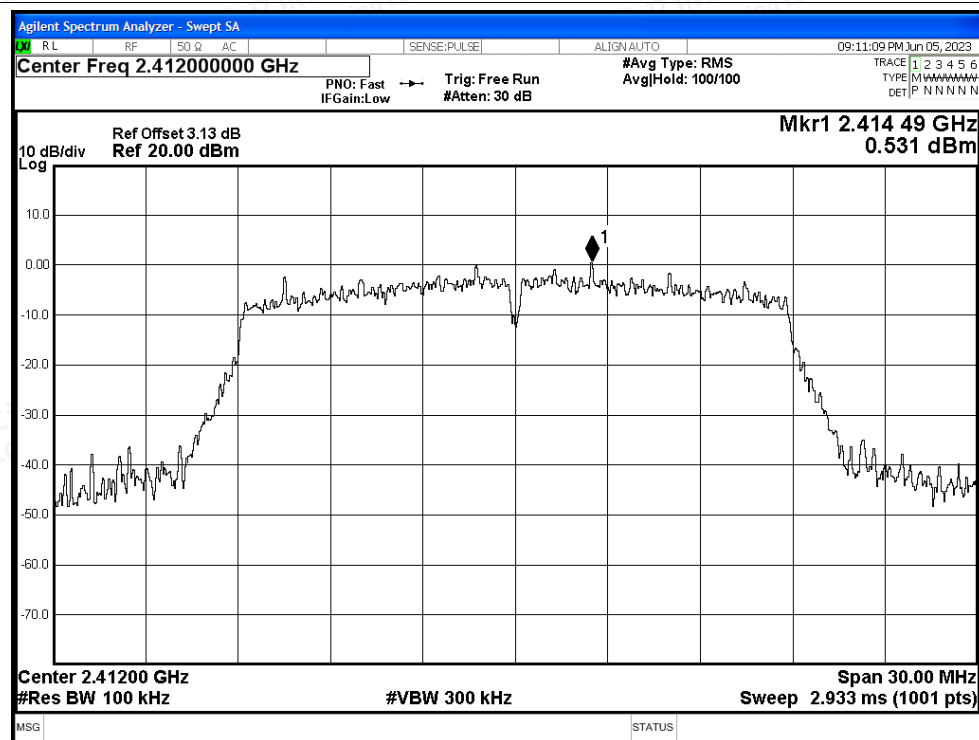
Add: 101, 201 Bldg A & 301 Bldg C, Juji Industrial Park Yabianxueziwei, Shajing Street, Baoan District, Shenzhen, 518000, China

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

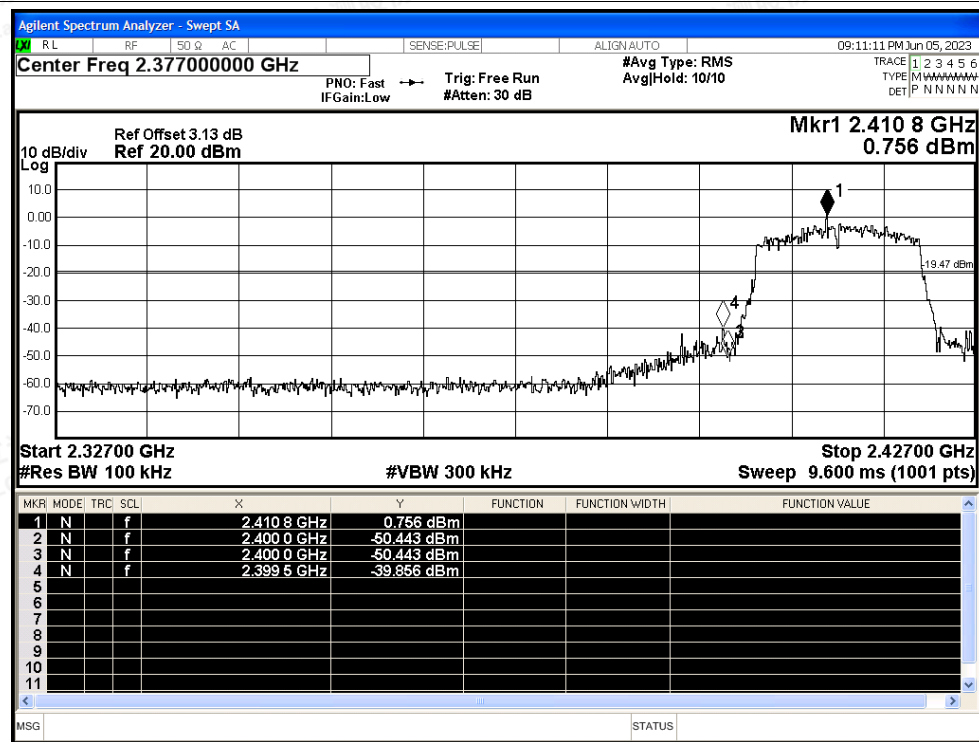
Scan code to check authenticity



Band Edge NVNT n20 2412MHz Ant Ref



Band Edge NVNT n20 2412MHz Ant Emission



Shenzhen LCS Compliance Testing Laboratory Ltd.

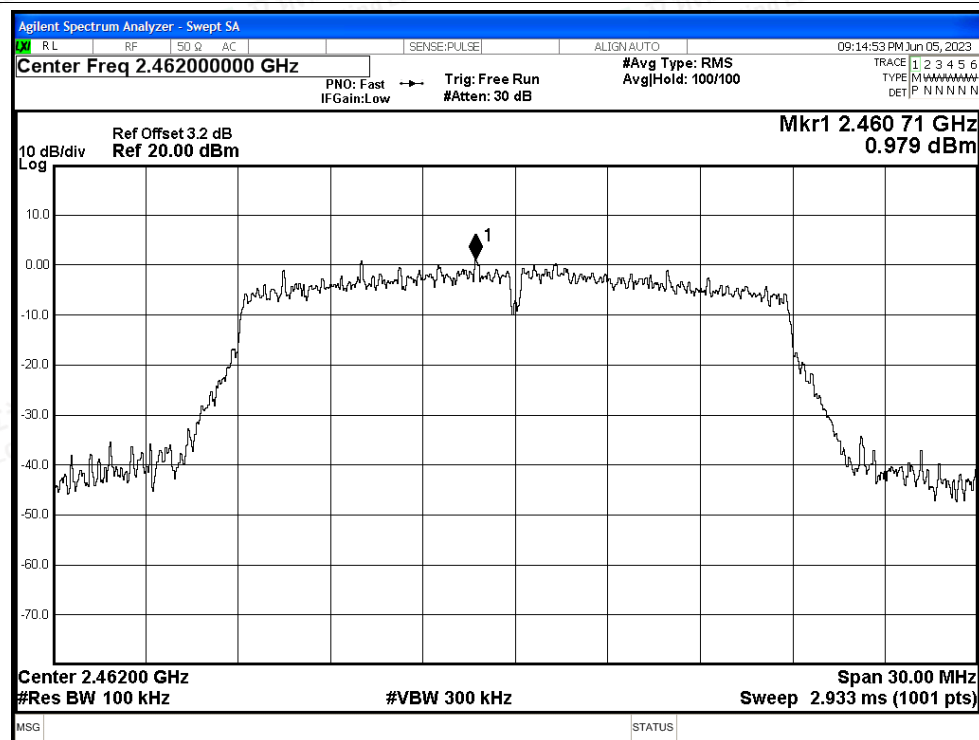
Add: 101, 201 Bldg A & 301 Bldg C, Juji Industrial Park Yabianxueziwei, Shajing Street, Baoan District, Shenzhen, 518000, China

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

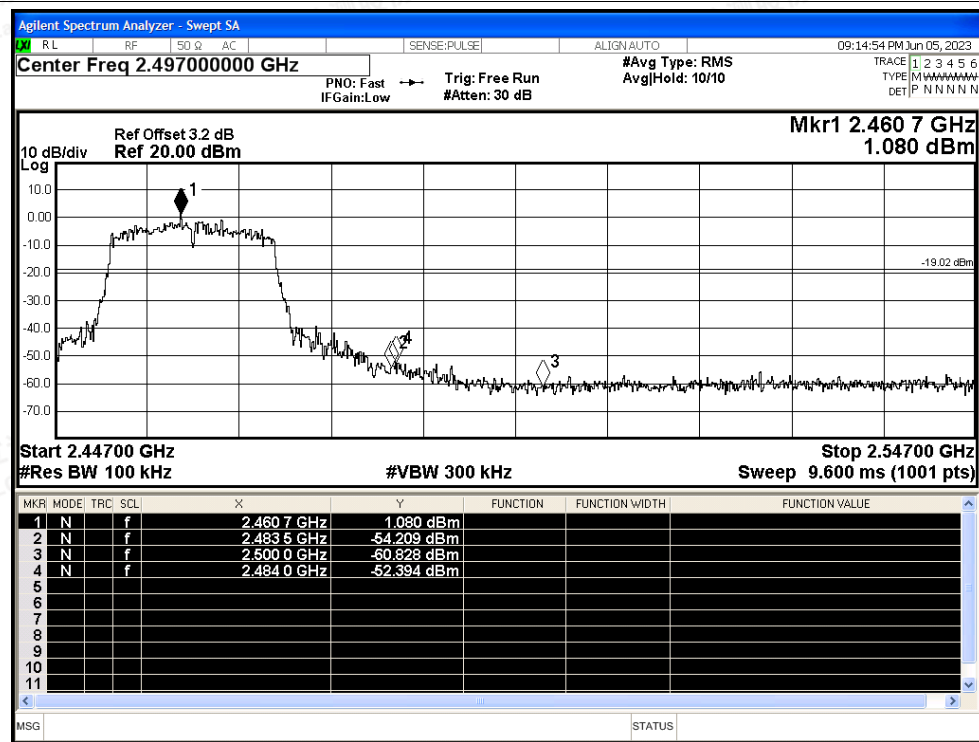
Scan code to check authenticity



Band Edge NVNT n20 2462MHz Ant Ref



Band Edge NVNT n20 2462MHz Ant Emission



Shenzhen LCS Compliance Testing Laboratory Ltd.

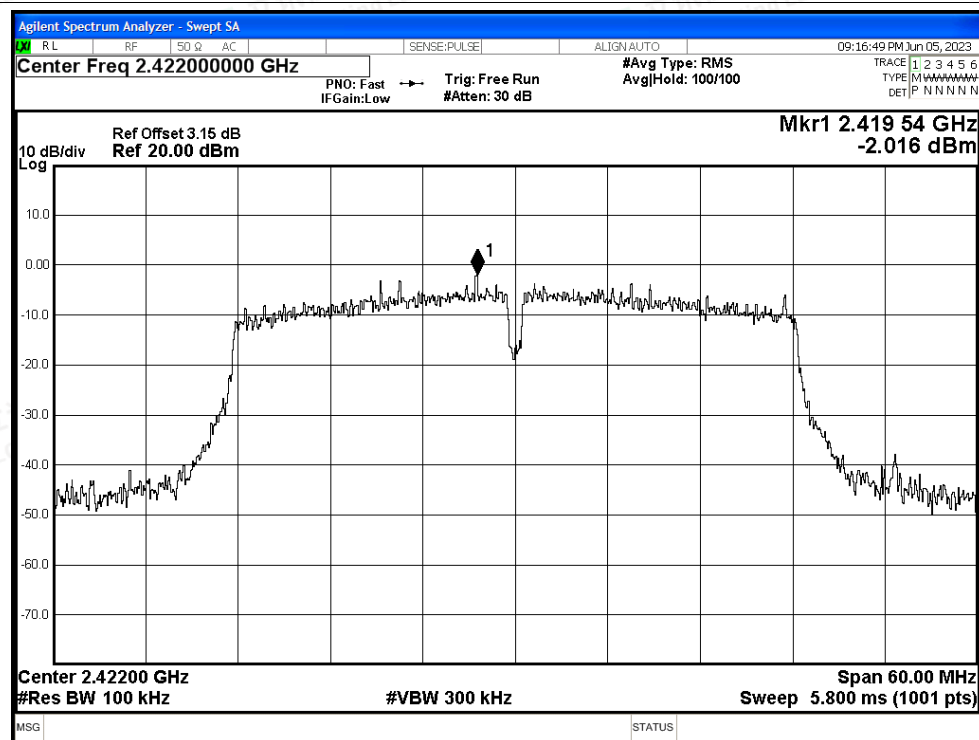
Add: 101, 201 Bldg A & 301 Bldg C, Juji Industrial Park Yabianxueziwei, Shajing Street, Baoan District, Shenzhen, 518000, China

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

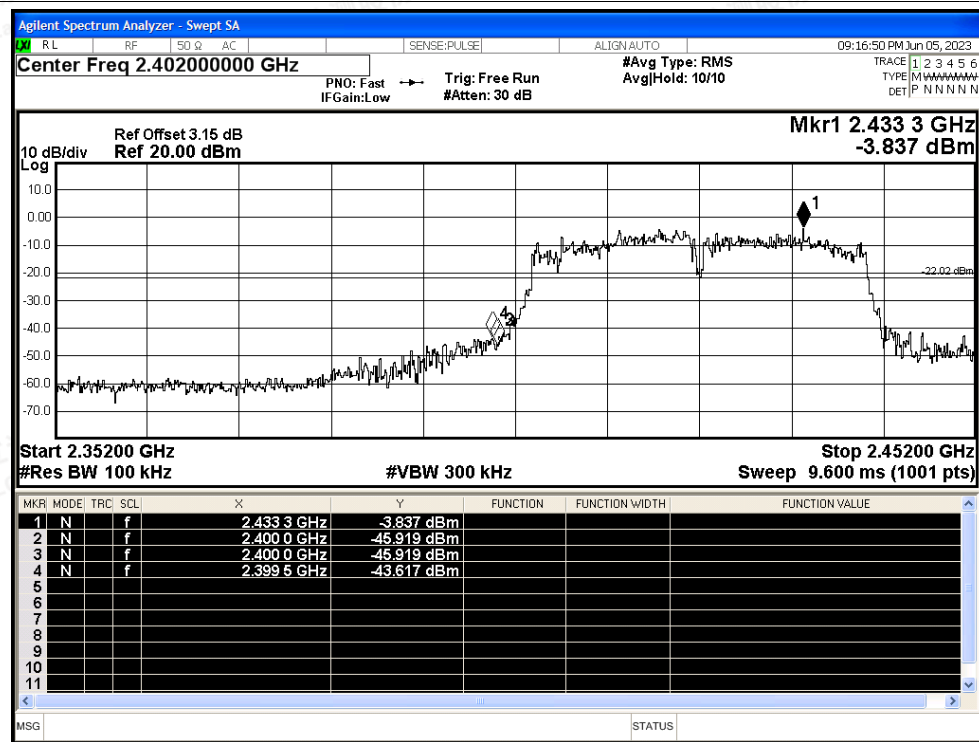
Scan code to check authenticity



Band Edge NVNT n40 2422MHz Ant Ref



Band Edge NVNT n40 2422MHz Ant Emission



Shenzhen LCS Compliance Testing Laboratory Ltd.

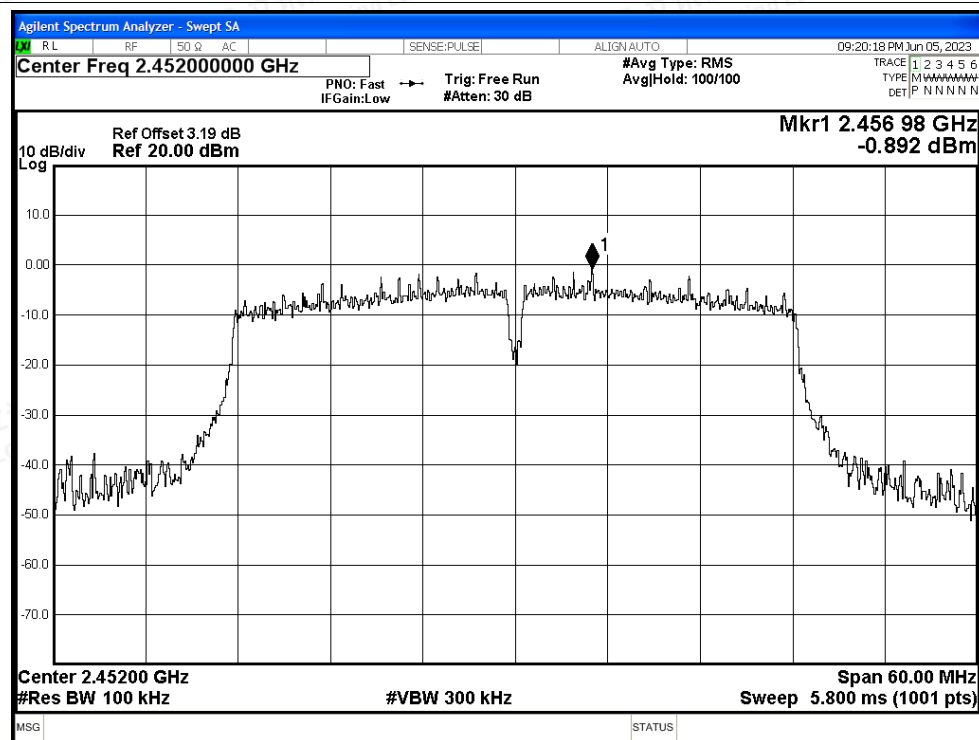
Add: 101, 201 Bldg A & 301 Bldg C, Juji Industrial Park Yabianxueziwei, Shajing Street, Baoan District, Shenzhen, 518000, China

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

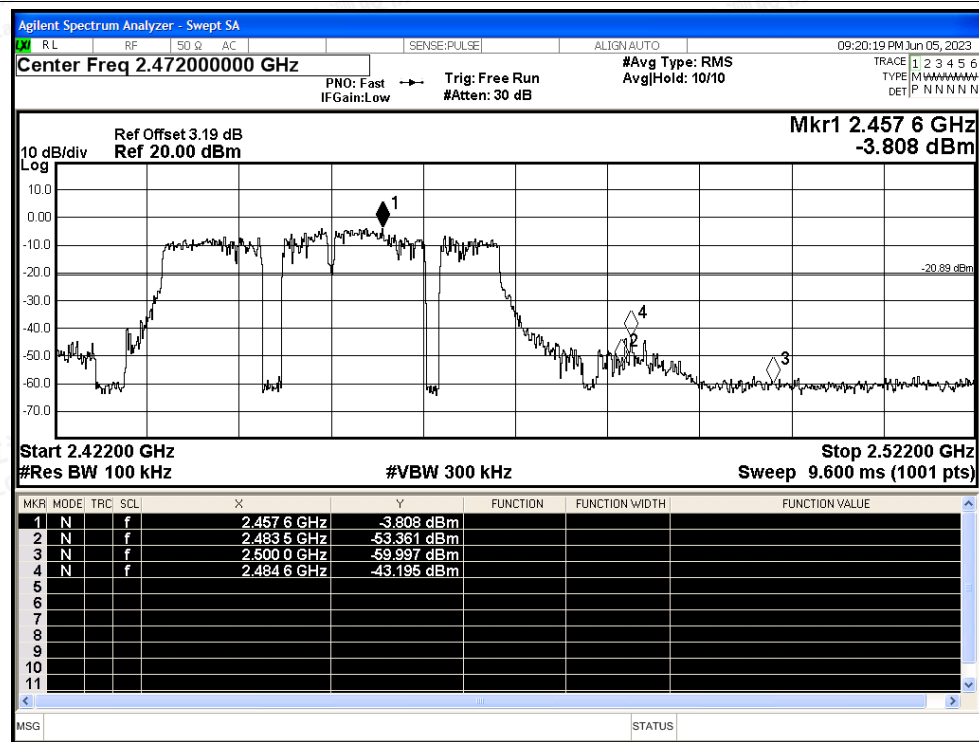
Scan code to check authenticity



Band Edge NVNT n40 2452MHz Ant Ref



Band Edge NVNT n40 2452MHz Ant Emission



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

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

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A.6 Conducted RF Spurious Emission

Condition	Mode	Frequency (MHz)	Antenna	Max Value (dBc)	Limit (dBc)	Verdict
NVNT	b	2412	Ant	-52.03	-20	Pass
NVNT	b	2437	Ant	-49.54	-20	Pass
NVNT	b	2462	Ant	-51.71	-20	Pass
NVNT	g	2412	Ant	-46.03	-20	Pass
NVNT	g	2437	Ant	-46.32	-20	Pass
NVNT	g	2462	Ant	-47.35	-20	Pass
NVNT	n20	2412	Ant	-45.71	-20	Pass
NVNT	n20	2437	Ant	-45.11	-20	Pass
NVNT	n20	2462	Ant	-47.45	-20	Pass
NVNT	n40	2422	Ant	-43.44	-20	Pass
NVNT	n40	2437	Ant	-41.48	-20	Pass
NVNT	n40	2452	Ant	-43.24	-20	Pass



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

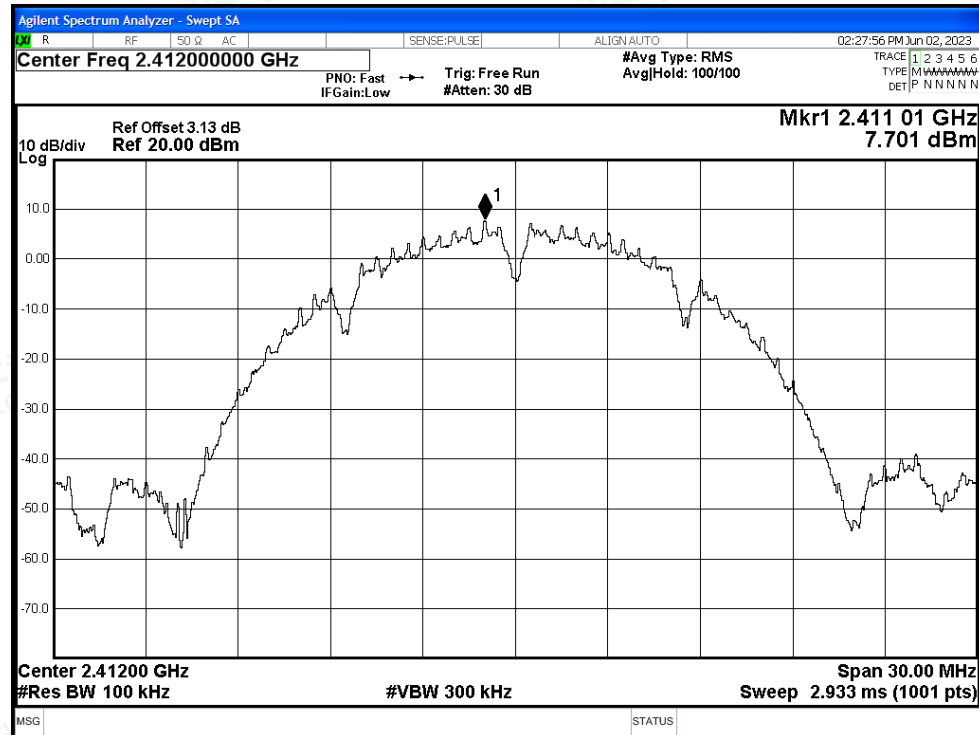
Tel: +(86) 0755-82591330 | E-mail: webmaster@lcs-cert.com | Web: www.lcs-cert.com

Scan code to check authenticity

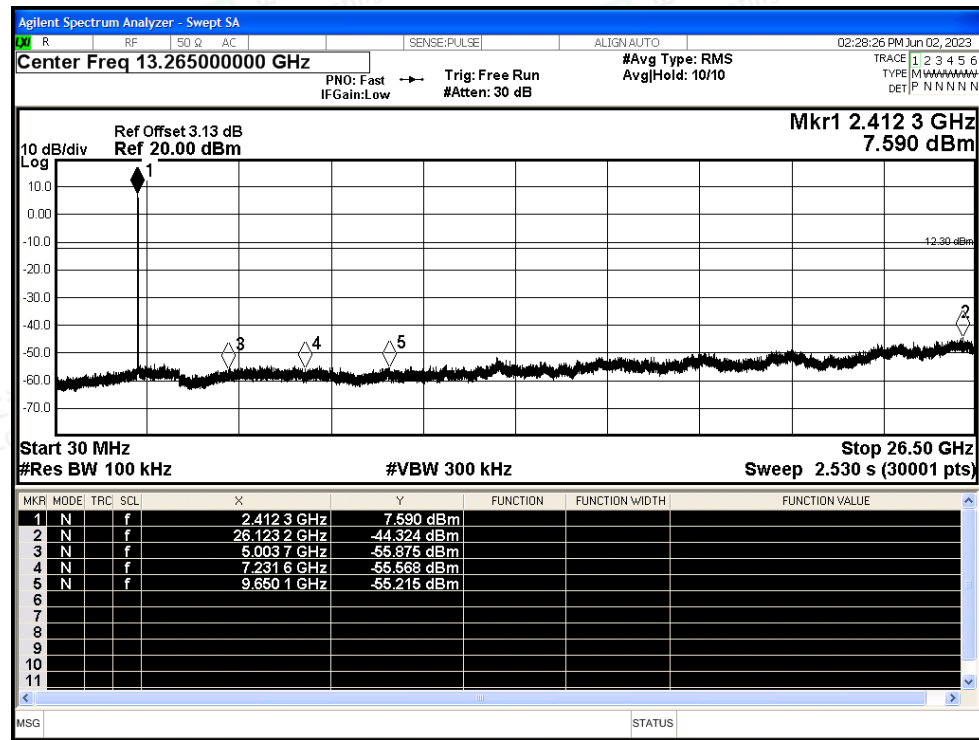


Test Graphs

Tx. Spurious NVNT b 2412MHz Ant Ref



Tx. Spurious NVNT b 2412MHz Ant Emission



Shenzhen LCS Compliance Testing Laboratory Ltd.

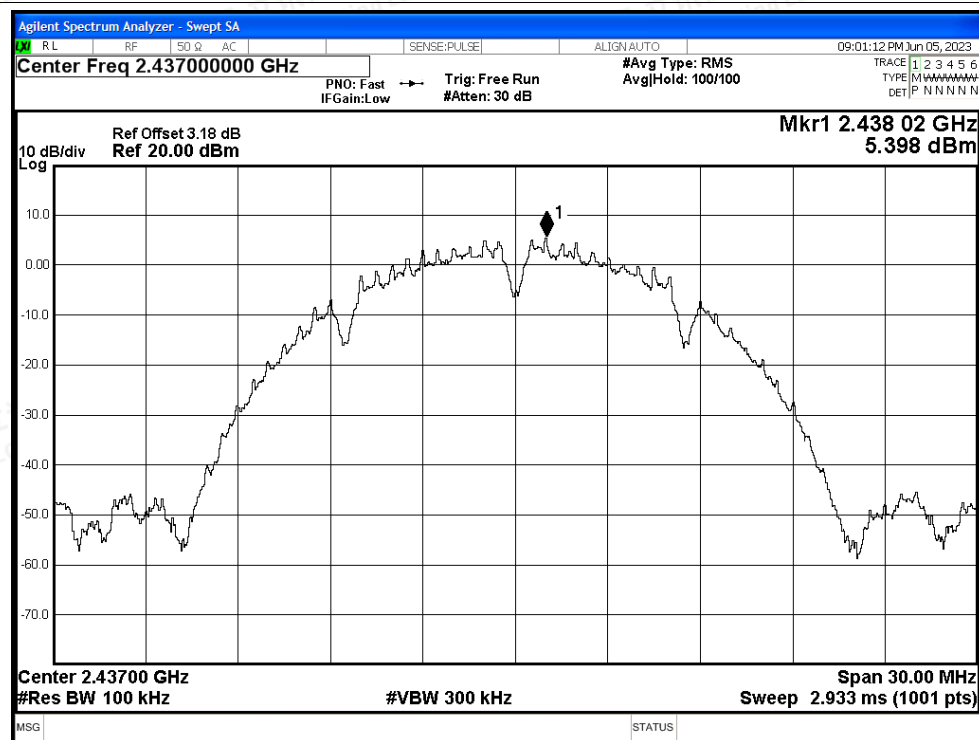
Add: 101, 201 Bldg A & 301 Bldg C, Juji Industrial Park Yabianxueziwei, Shajing Street, Baoan District, Shenzhen, 518000, China

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

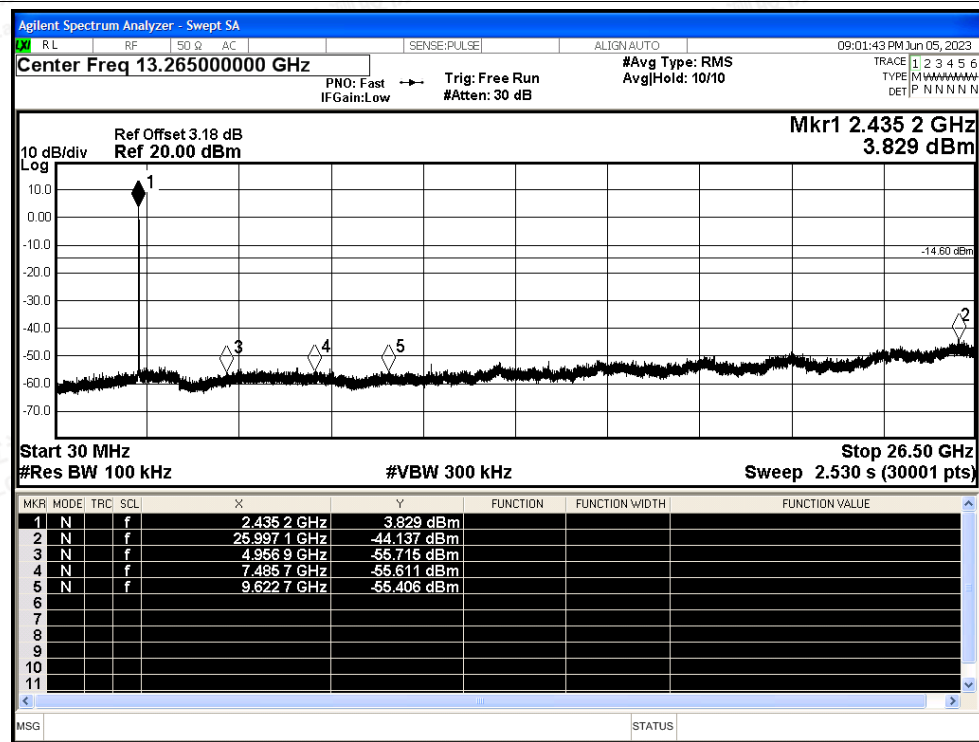
Scan code to check authenticity



Tx. Spurious NVNT b 2437MHz Ant Ref



Tx. Spurious NVNT b 2437MHz Ant Emission



Shenzhen LCS Compliance Testing Laboratory Ltd.

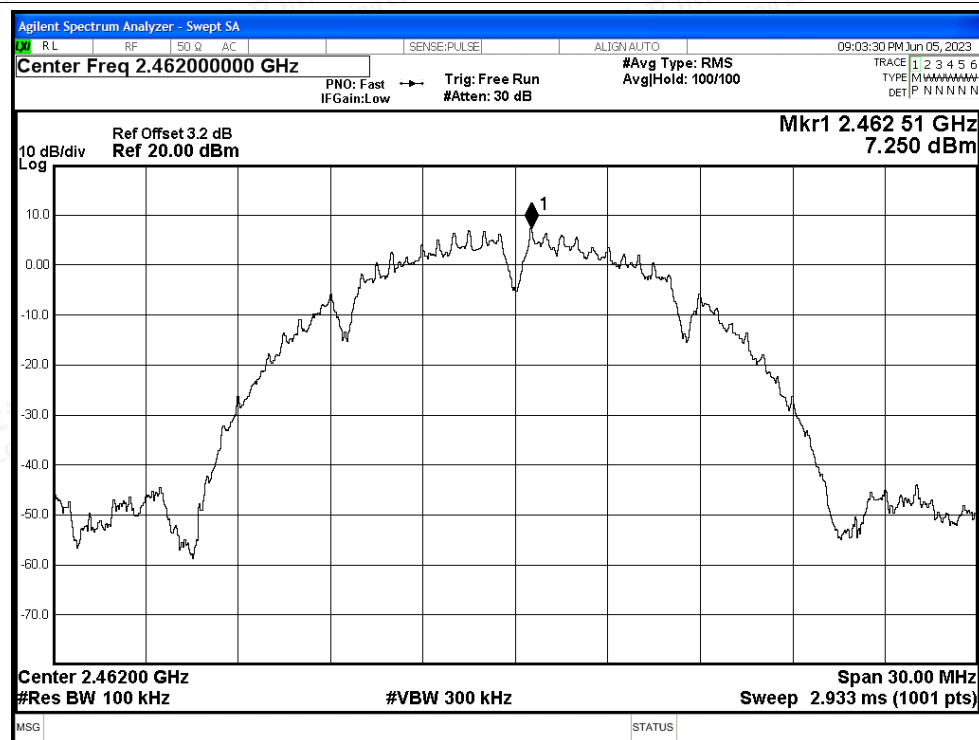
Add: 101, 201 Bldg A & 301 Bldg C, Juji Industrial Park Yabianxueziwei, Shajing Street, Baoan District, Shenzhen, 518000, China

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

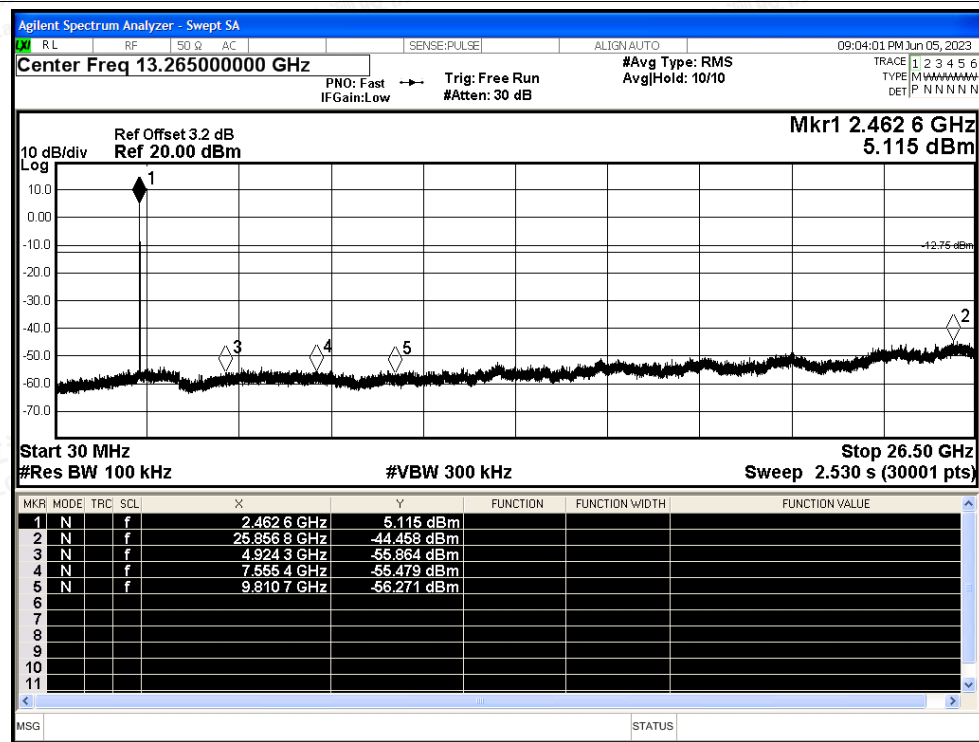
Scan code to check authenticity



Tx. Spurious NVNT b 2462MHz Ant Ref



Tx. Spurious NVNT b 2462MHz Ant Emission



Shenzhen LCS Compliance Testing Laboratory Ltd.

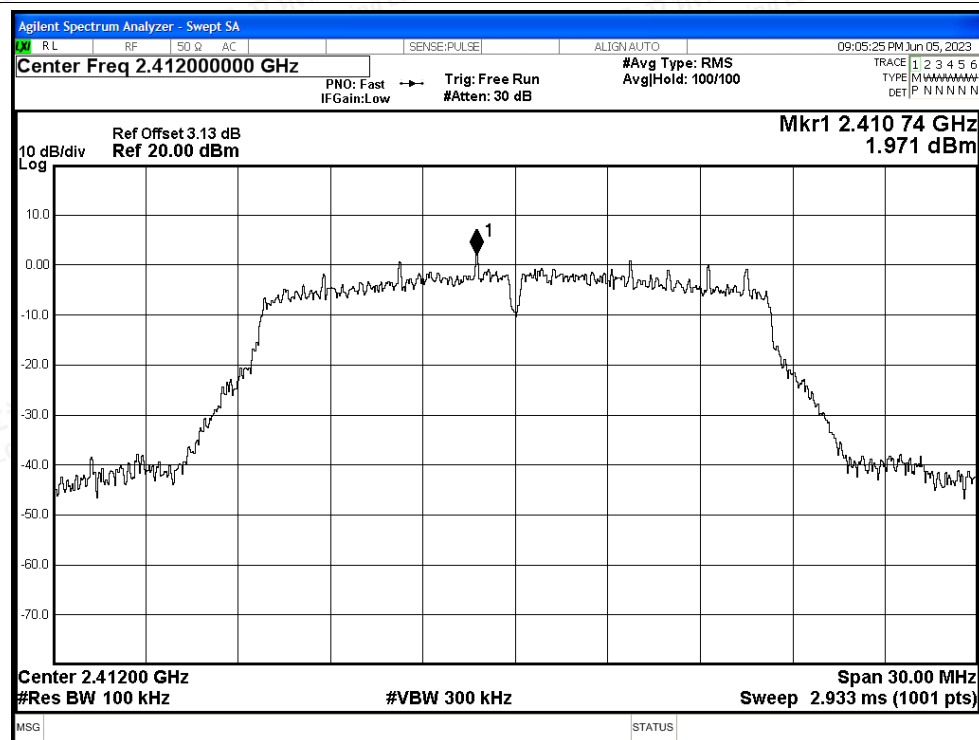
Add: 101, 201 Bldg A & 301 Bldg C, Juji Industrial Park Yabianxueziwei, Shajing Street, Baoan District, Shenzhen, 518000, China

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

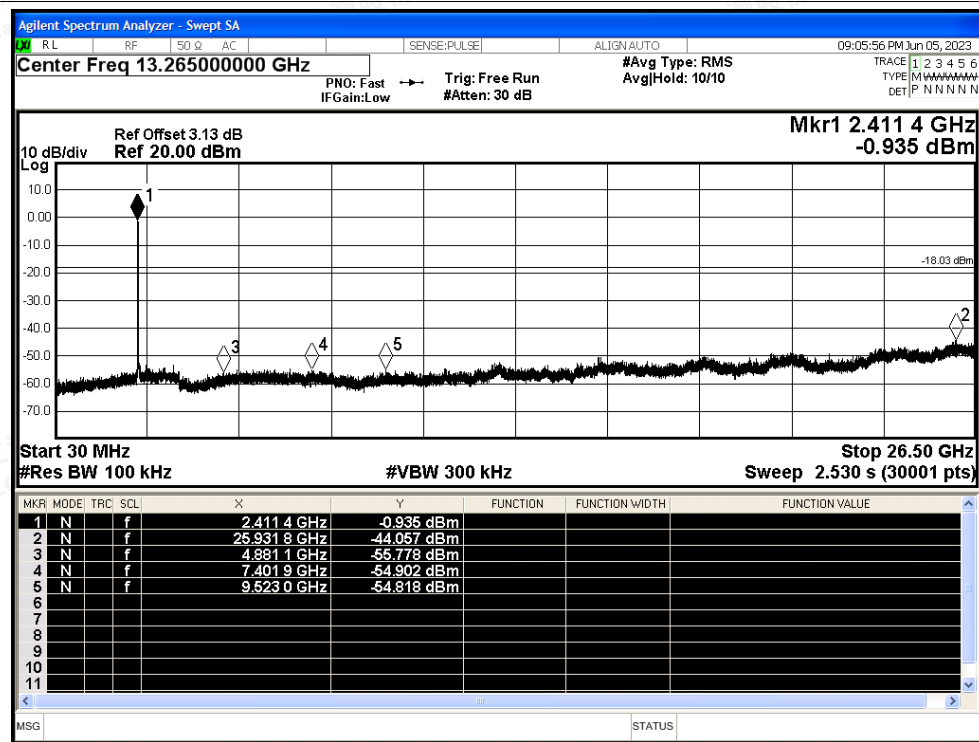
Scan code to check authenticity



Tx. Spurious NVNT g 2412MHz Ant Ref



Tx. Spurious NVNT g 2412MHz Ant Emission



Shenzhen LCS Compliance Testing Laboratory Ltd.

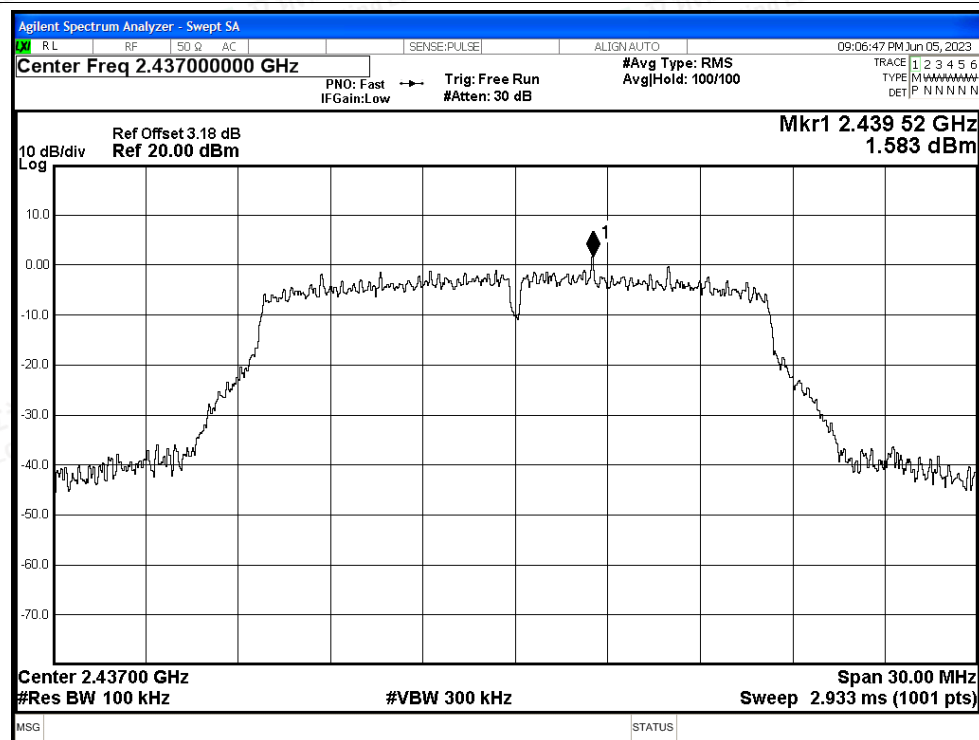
Add: 101, 201 Bldg A & 301 Bldg C, Juji Industrial Park Yabianxueziwei, Shajing Street, Baoan District, Shenzhen, 518000, China

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

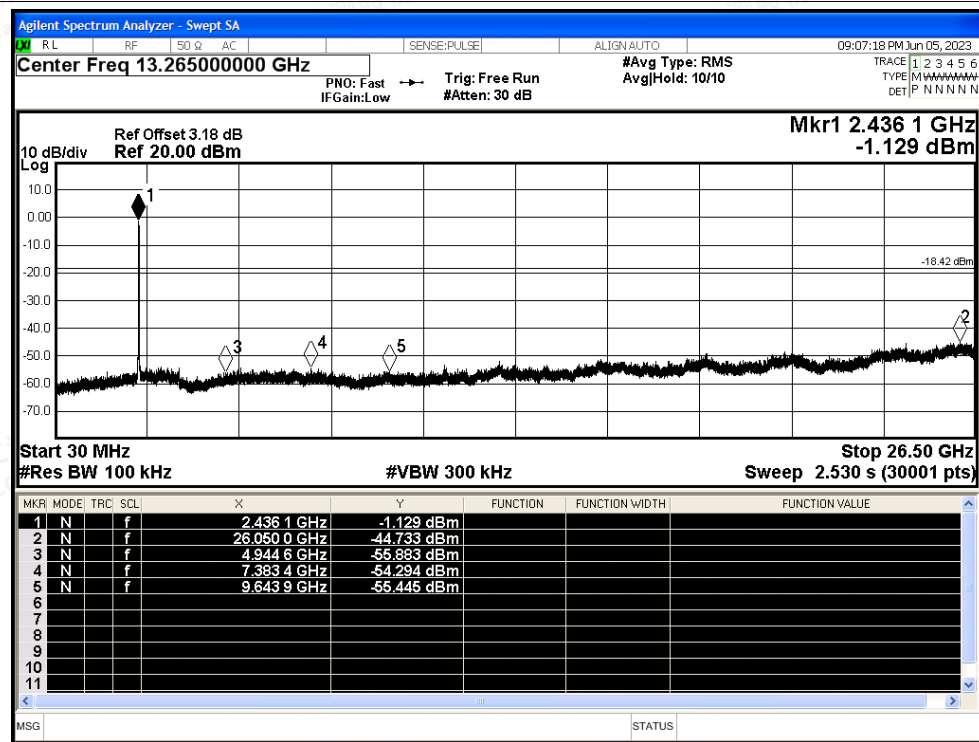
Scan code to check authenticity



Tx. Spurious NVNT g 2437MHz Ant Ref



Tx. Spurious NVNT g 2437MHz Ant Emission



Shenzhen LCS Compliance Testing Laboratory Ltd.

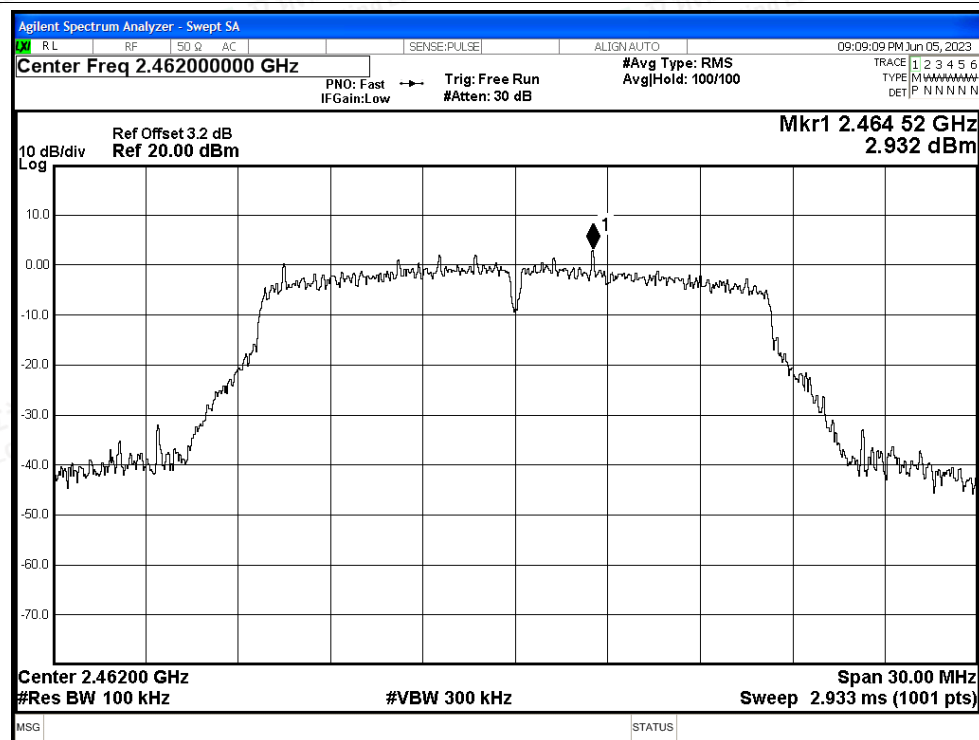
Add: 101, 201 Bldg A & 301 Bldg C, Juji Industrial Park Yabianxueziwei, Shajing Street, Baoan District, Shenzhen, 518000, China

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

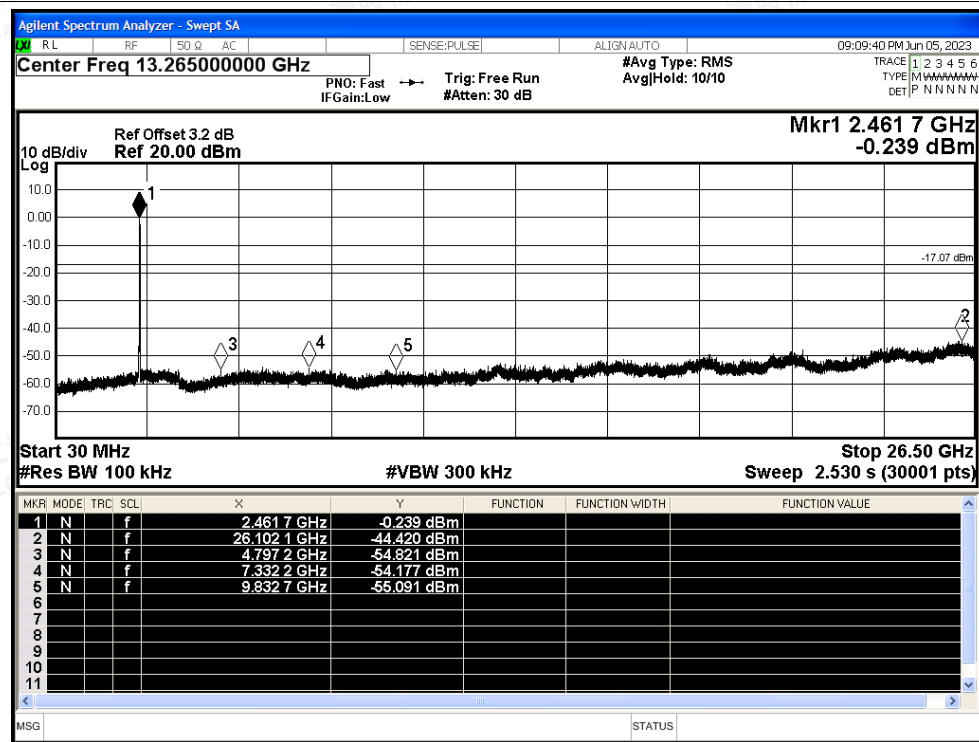
Scan code to check authenticity



Tx. Spurious NVNT g 2462MHz Ant Ref



Tx. Spurious NVNT g 2462MHz Ant Emission



Shenzhen LCS Compliance Testing Laboratory Ltd.

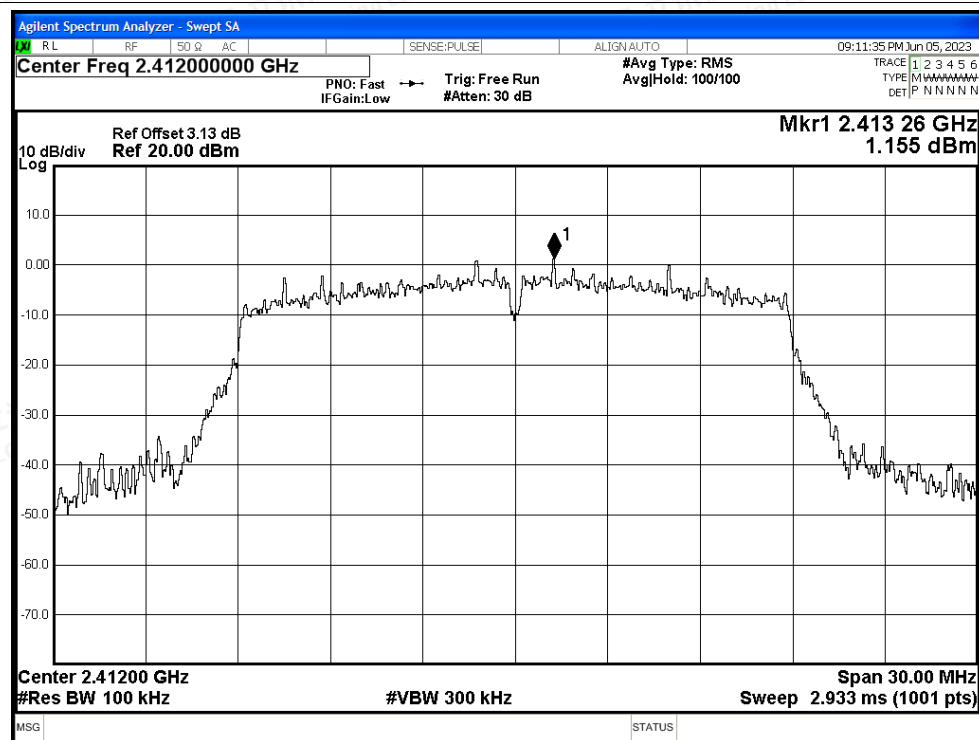
Add: 101, 201 Bldg A & 301 Bldg C, Juji Industrial Park Yabianxueziwei, Shajing Street, Baoan District, Shenzhen, 518000, China

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

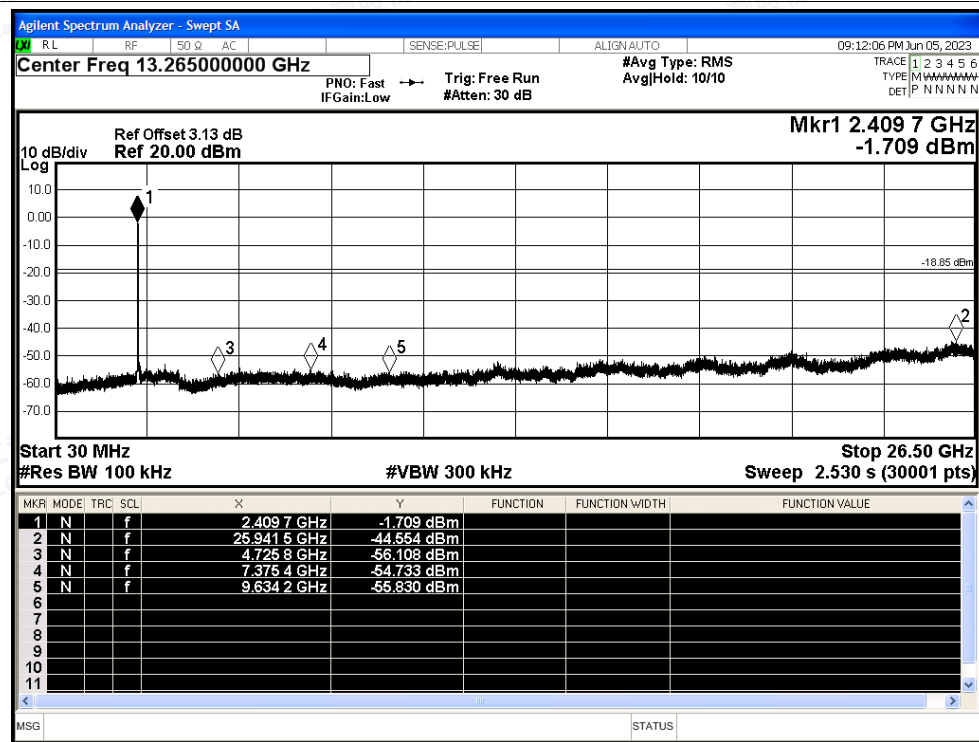
Scan code to check authenticity



Tx. Spurious NVNT n20 2412MHz Ant Ref



Tx. Spurious NVNT n20 2412MHz Ant Emission



Shenzhen LCS Compliance Testing Laboratory Ltd.

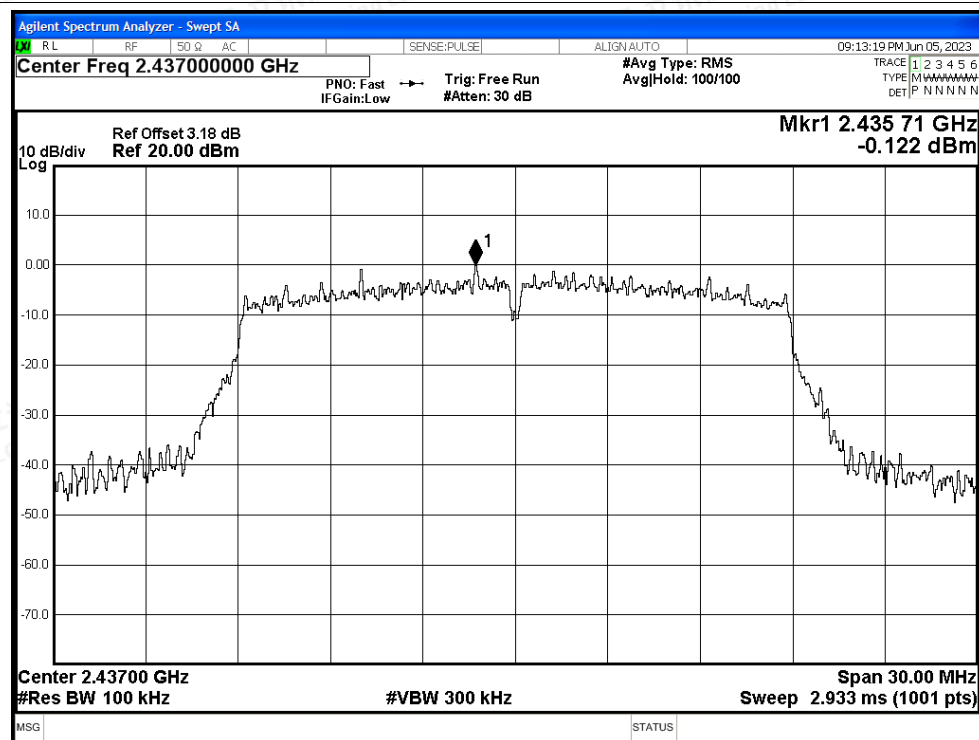
Add: 101, 201 Bldg A & 301 Bldg C, Juji Industrial Park Yabianxueziwei, Shajing Street, Baoan District, Shenzhen, 518000, China

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

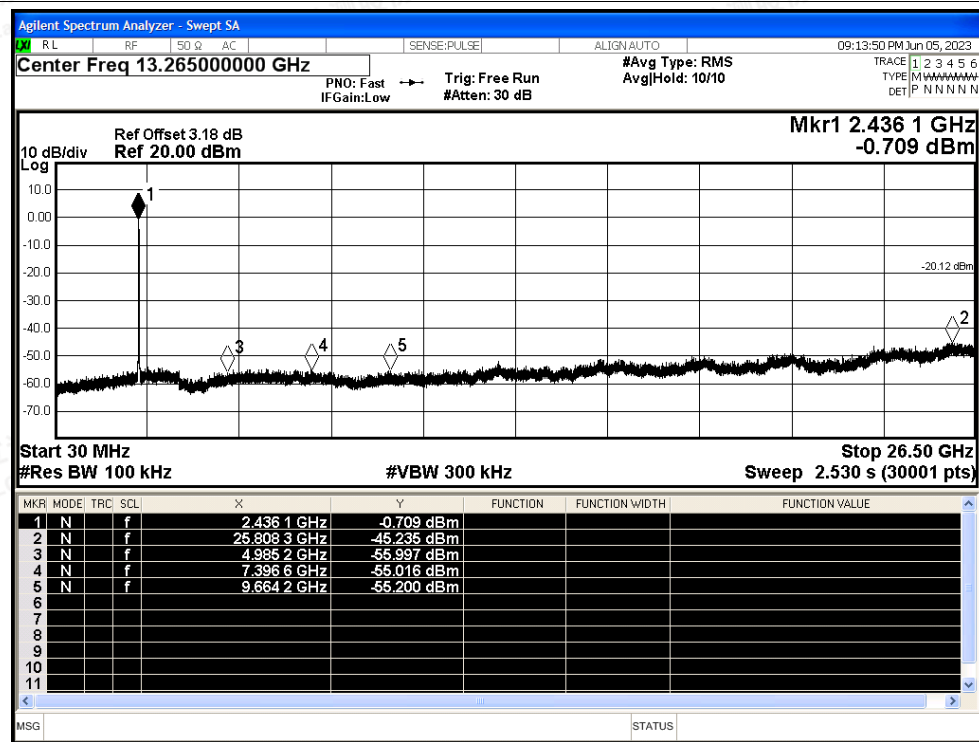
Scan code to check authenticity



Tx. Spurious NVNT n20 2437MHz Ant Ref



Tx. Spurious NVNT n20 2437MHz Ant Emission



Shenzhen LCS Compliance Testing Laboratory Ltd.

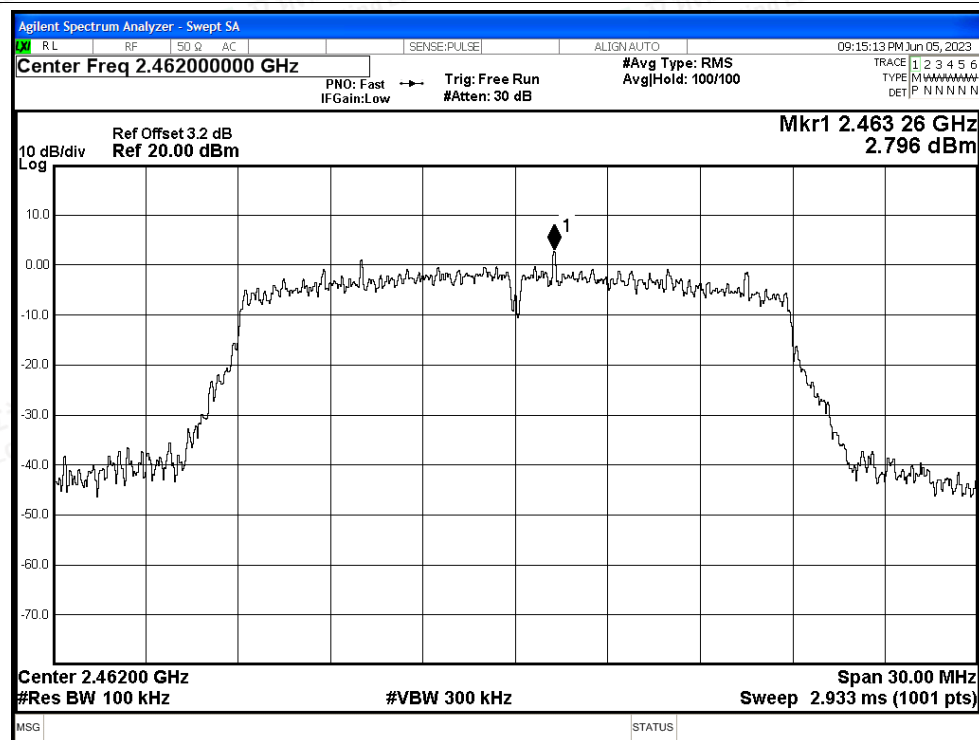
Add: 101, 201 Bldg A & 301 Bldg C, Juji Industrial Park Yabianxueziwei, Shajing Street, Baoan District, Shenzhen, 518000, China

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

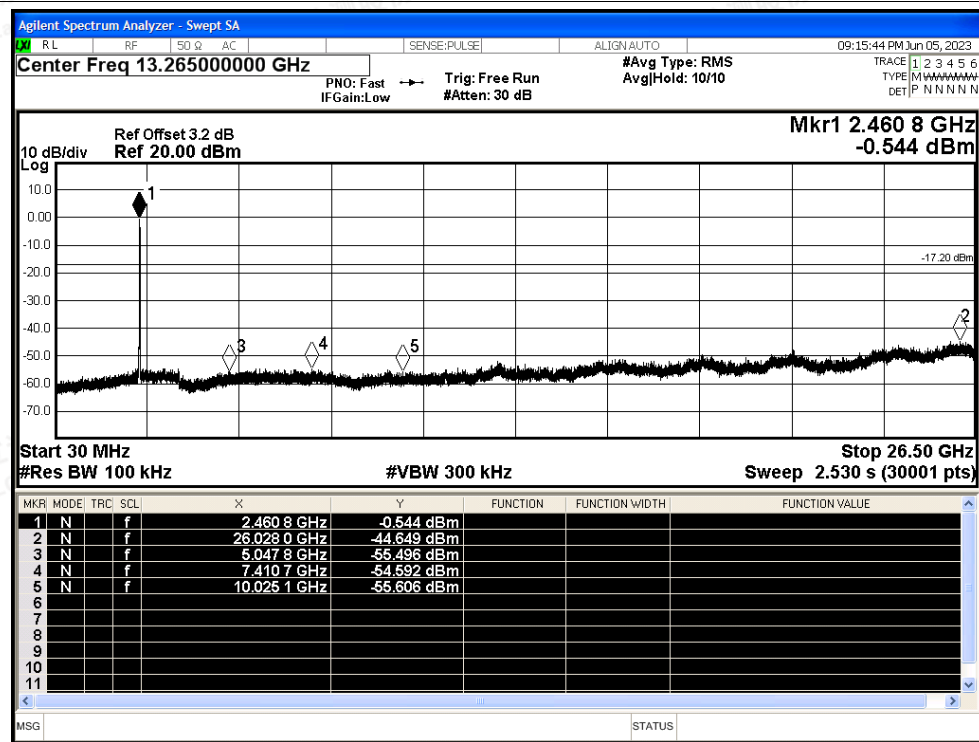
Scan code to check authenticity



Tx. Spurious NVNT n20 2462MHz Ant Ref



Tx. Spurious NVNT n20 2462MHz Ant Emission



Shenzhen LCS Compliance Testing Laboratory Ltd.

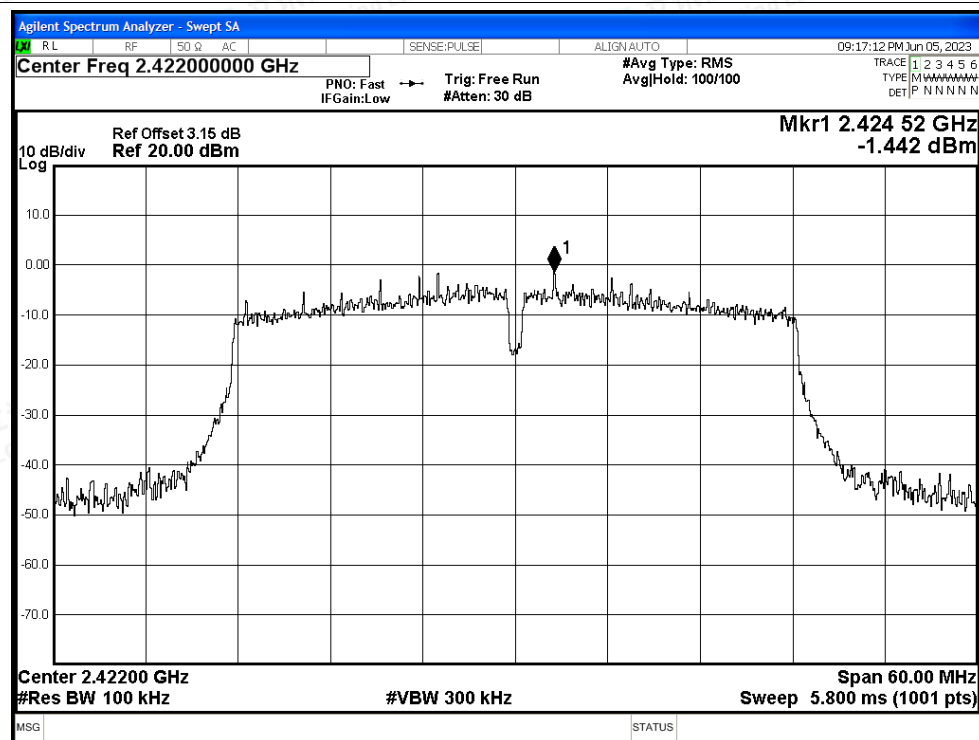
Add: 101, 201 Bldg A & 301 Bldg C, Juji Industrial Park Yabianxueziwei, Shajing Street, Baoan District, Shenzhen, 518000, China

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

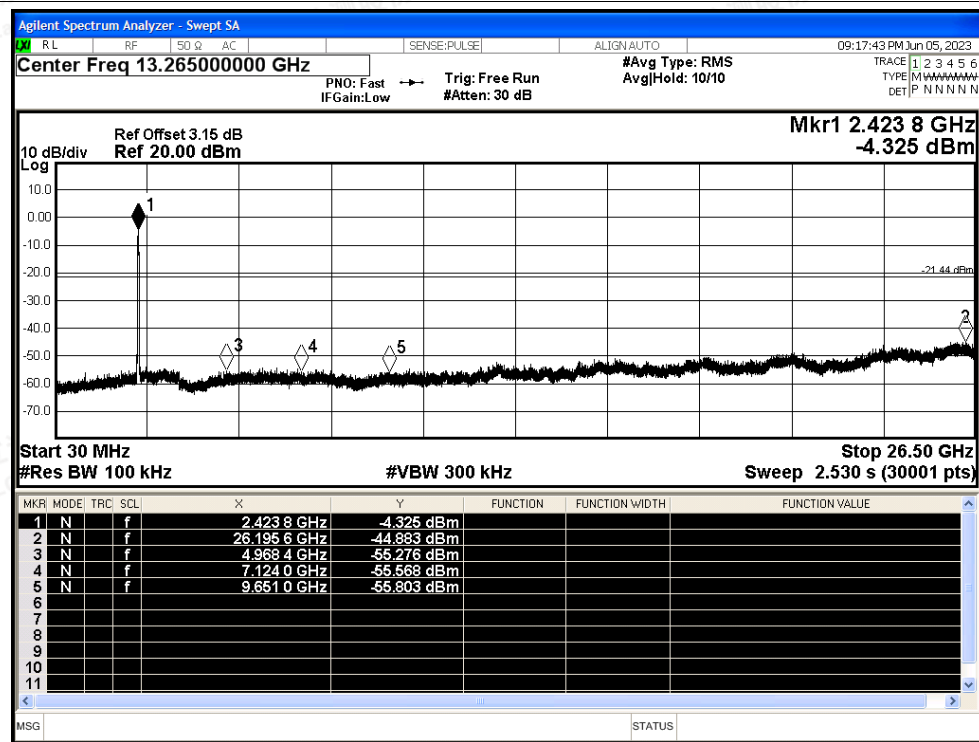
Scan code to check authenticity



Tx. Spurious NVNT n40 2422MHz Ant Ref



Tx. Spurious NVNT n40 2422MHz Ant Emission



Shenzhen LCS Compliance Testing Laboratory Ltd.

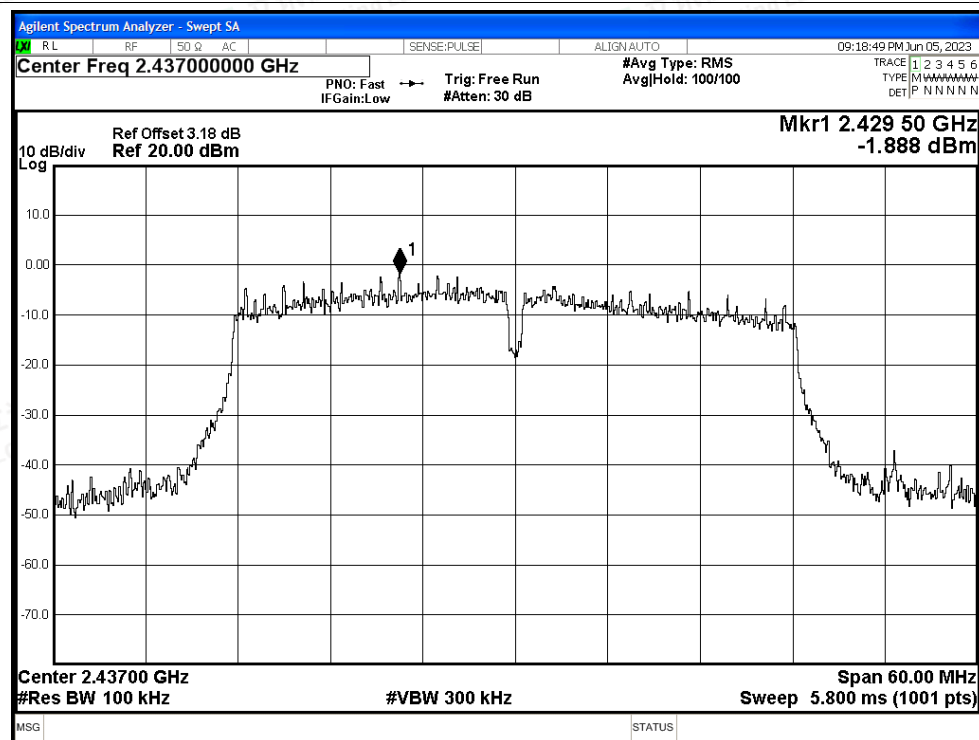
Add: 101, 201 Bldg A & 301 Bldg C, Juji Industrial Park Yabianxueziwei, Shajing Street, Baoan District, Shenzhen, 518000, China

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

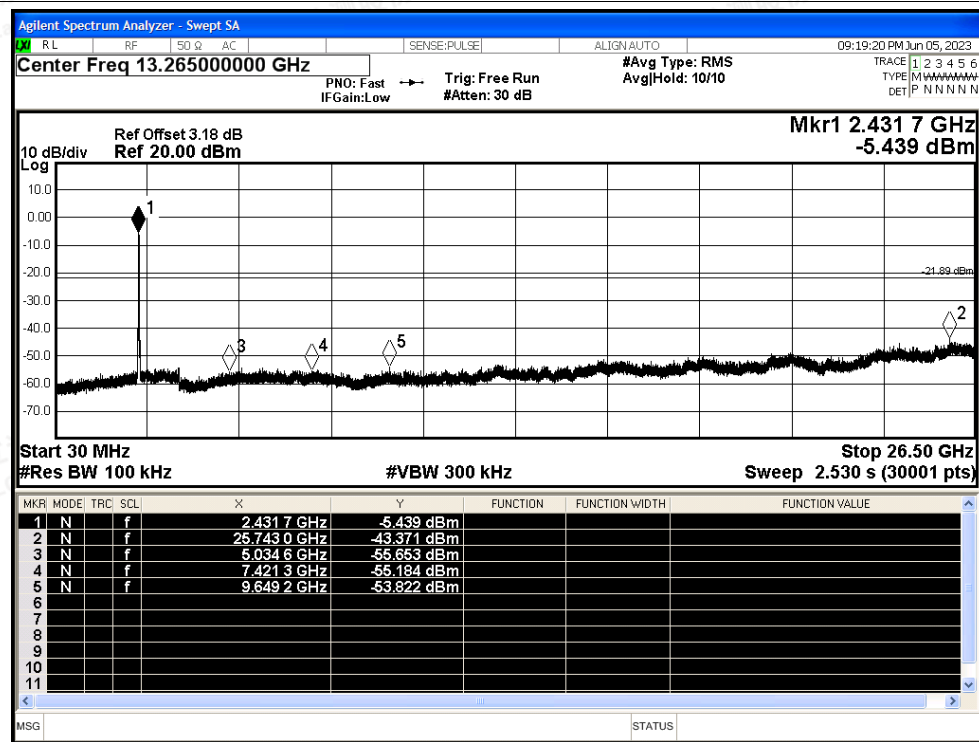
Scan code to check authenticity



Tx. Spurious NVNT n40 2437MHz Ant Ref



Tx. Spurious NVNT n40 2437MHz Ant Emission



Shenzhen LCS Compliance Testing Laboratory Ltd.

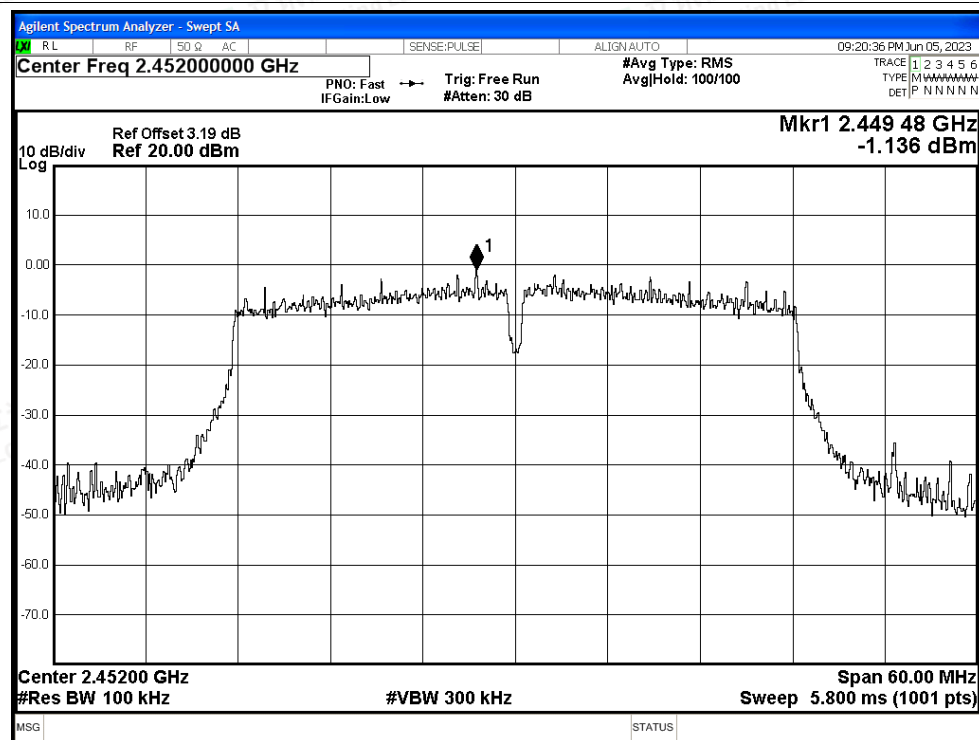
Add: 101, 201 Bldg A & 301 Bldg C, Juji Industrial Park Yabianxueziwei, Shajing Street, Baoan District, Shenzhen, 518000, China

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

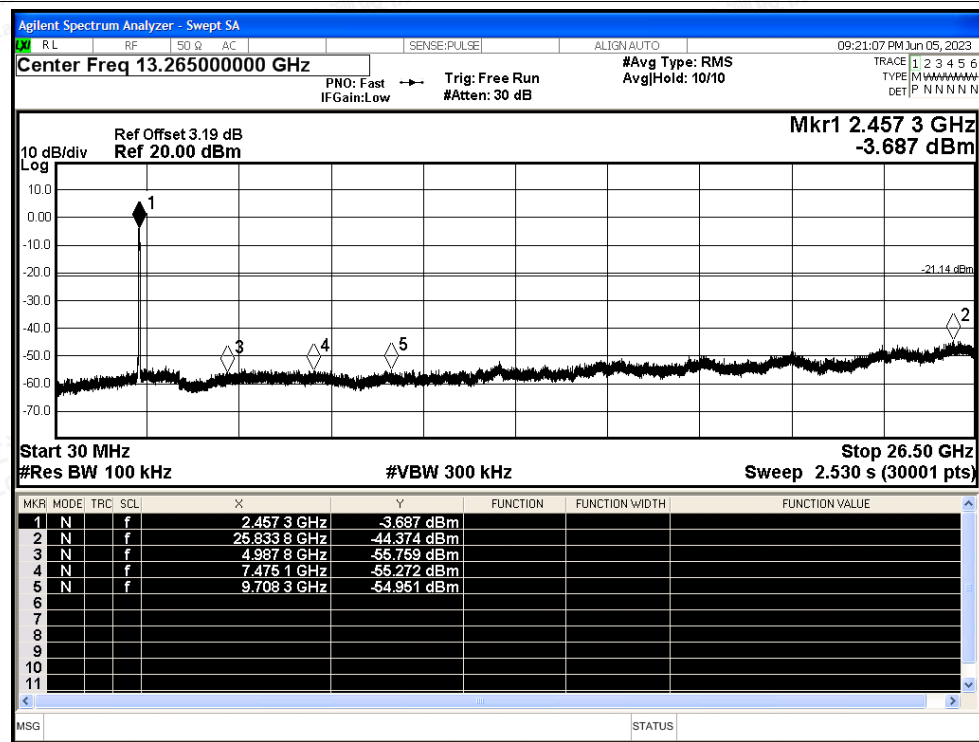
Scan code to check authenticity



Tx. Spurious NVNT n40 2452MHz Ant Ref



Tx. Spurious NVNT n40 2452MHz Ant 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	Ant	88.68	0.52	0.12
NVNT	b	2437	Ant	88.42	0.53	0.12
NVNT	b	2462	Ant	88.85	0.51	0.12
NVNT	g	2412	Ant	58.05	2.36	0.72
NVNT	g	2437	Ant	57.81	2.38	0.72
NVNT	g	2462	Ant	56.13	2.51	0.72
NVNT	n20	2412	Ant	56.37	2.49	0.77
NVNT	n20	2437	Ant	54.44	2.64	0.77
NVNT	n20	2462	Ant	55.89	2.53	0.77
NVNT	n40	2422	Ant	38.8	4.11	1.55
NVNT	n40	2437	Ant	38.98	4.09	1.55
NVNT	n40	2452	Ant	38.92	4.1	1.55



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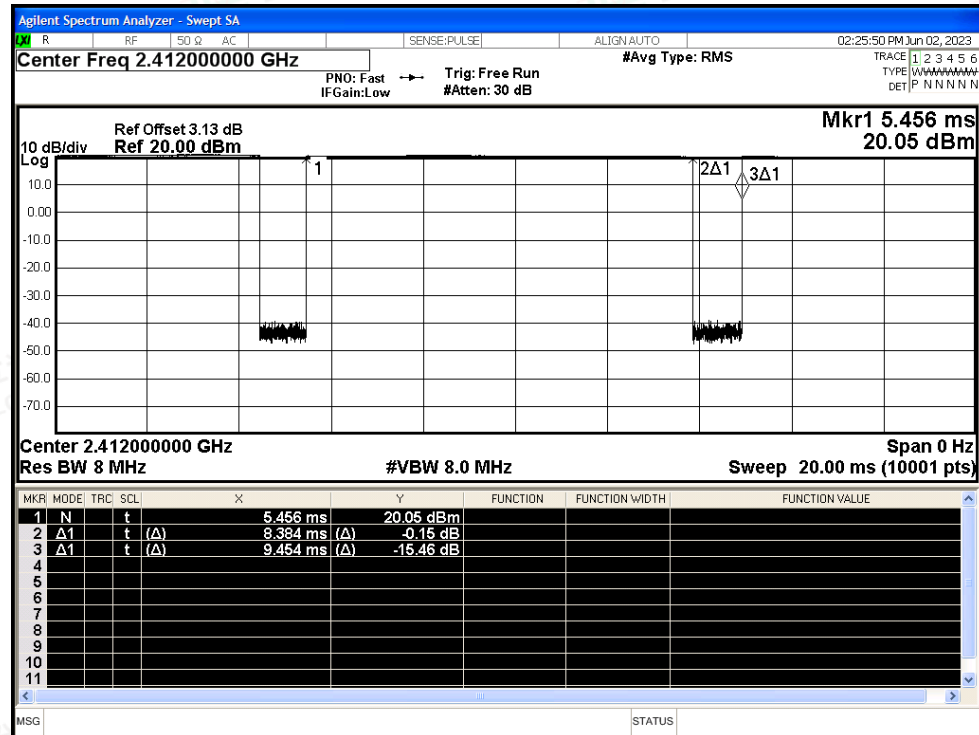
Tel: +(86) 0755-82591330 | E-mail: webmaster@lcs-cert.com | Web: www.lcs-cert.com

Scan code to check authenticity

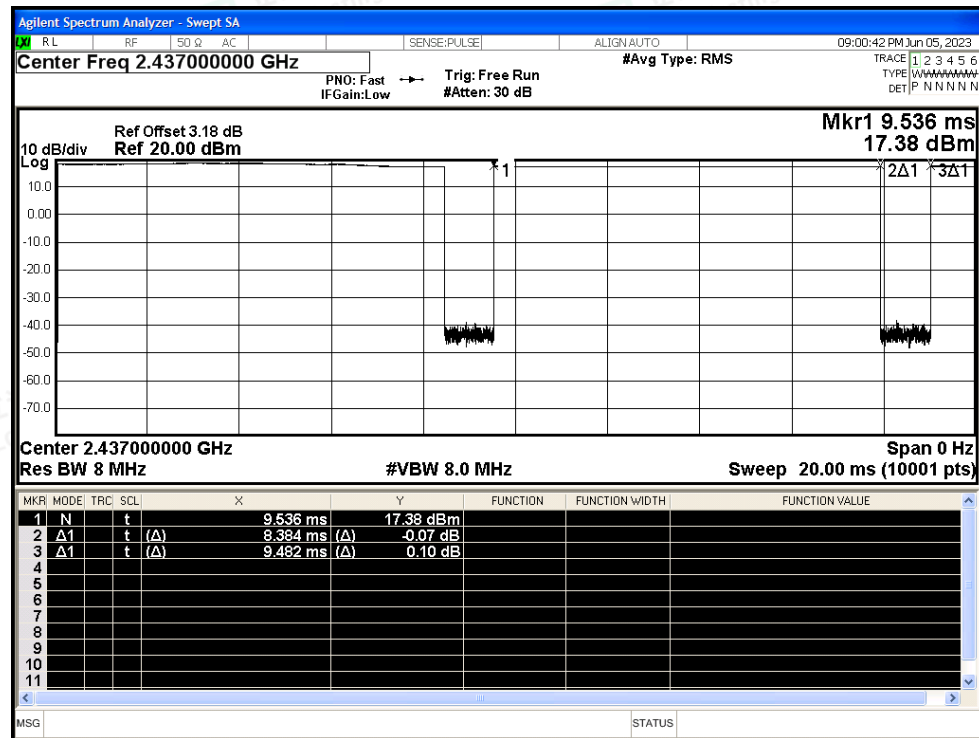


Test Graphs

Duty Cycle NVNT b 2412MHz Ant



Duty Cycle NVNT b 2437MHz Ant



Shenzhen LCS Compliance Testing Laboratory Ltd.

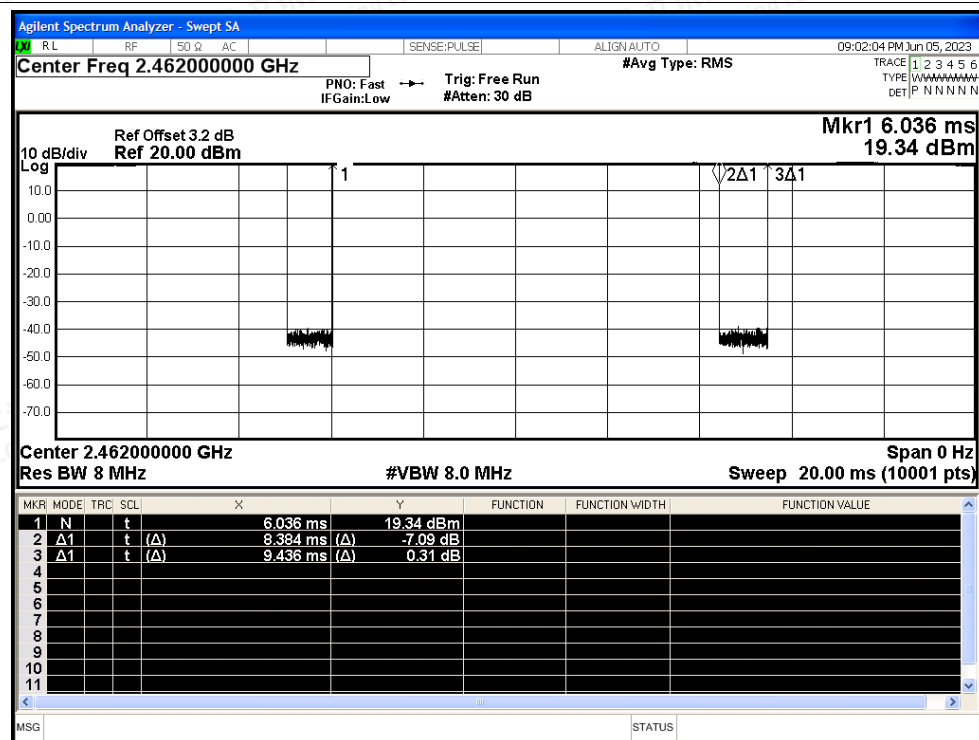
Add: 101, 201 Bldg A & 301 Bldg C, Juji Industrial Park Yabianxueziwei, Shajing Street, Baoan District, Shenzhen, 518000, China

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

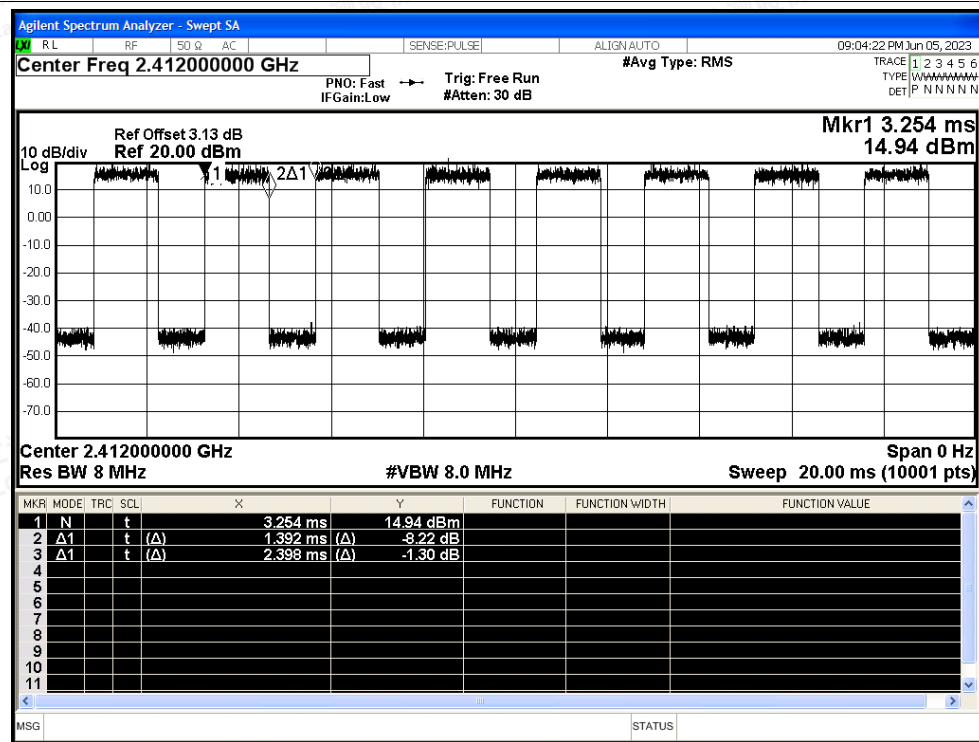
Scan code to check authenticity



Duty Cycle NVNT b 2462MHz Ant



Duty Cycle NVNT g 2412MHz Ant



Shenzhen LCS Compliance Testing Laboratory Ltd.

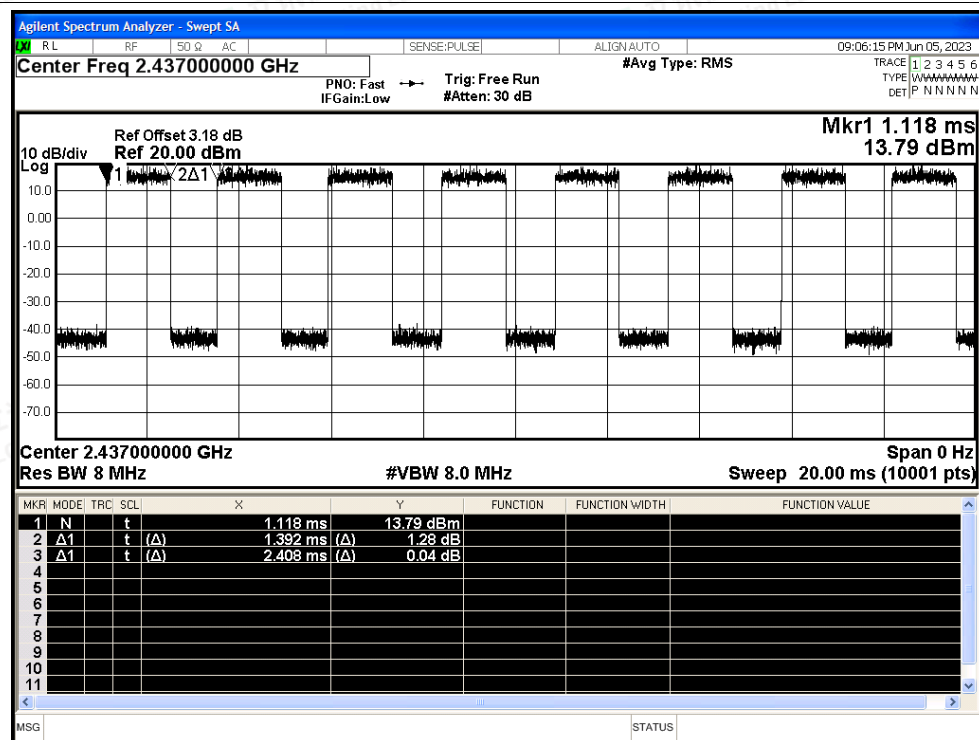
Add: 101, 201 Bldg A & 301 Bldg C, Juji Industrial Park Yabianxueziwei, Shajing Street, Baoan District, Shenzhen, 518000, China

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

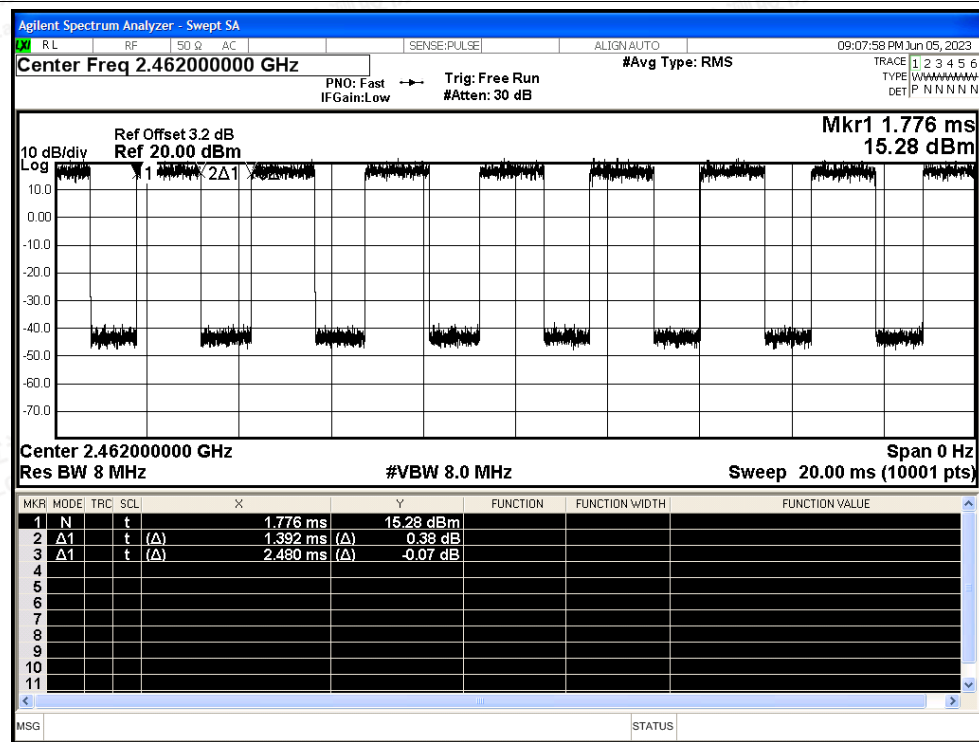
Scan code to check authenticity



Duty Cycle NVNT g 2437MHz Ant



Duty Cycle NVNT g 2462MHz Ant



Shenzhen LCS Compliance Testing Laboratory Ltd.

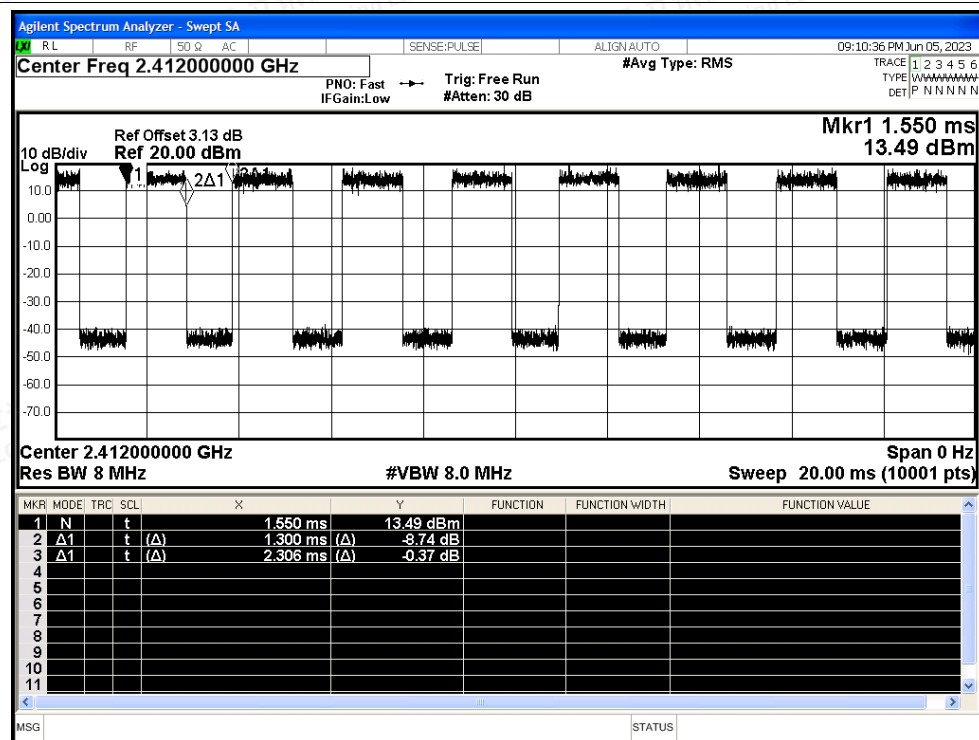
Add: 101, 201 Bldg A & 301 Bldg C, Juji Industrial Park Yabianxueziwei, Shajing Street, Baoan District, Shenzhen, 518000, China

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

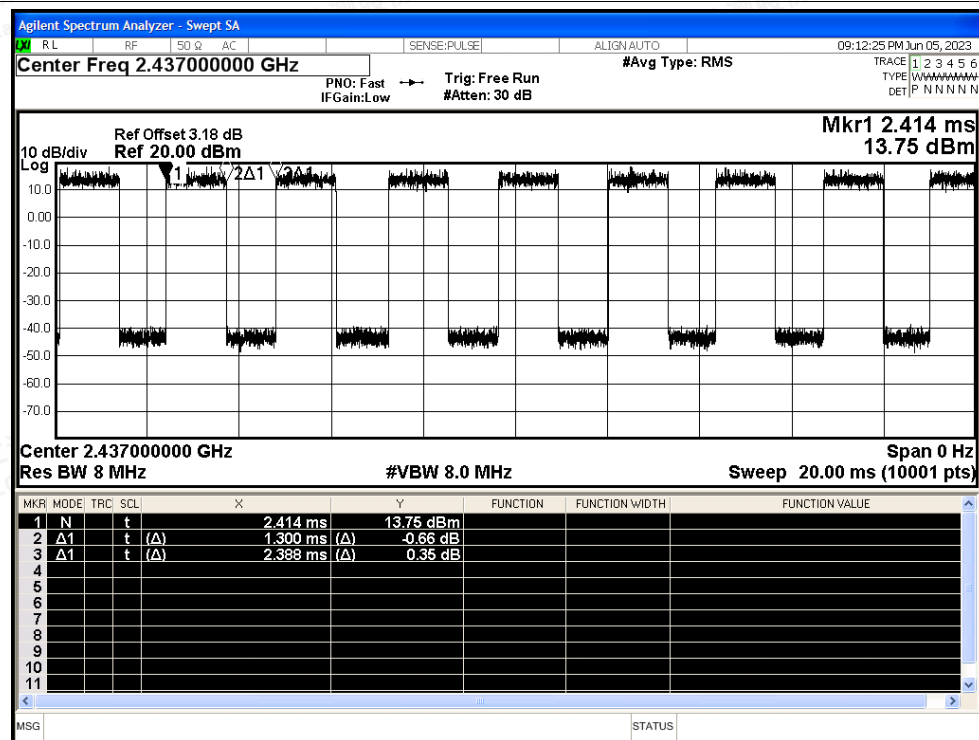
Scan code to check authenticity



Duty Cycle NVNT n20 2412MHz Ant



Duty Cycle NVNT n20 2437MHz Ant

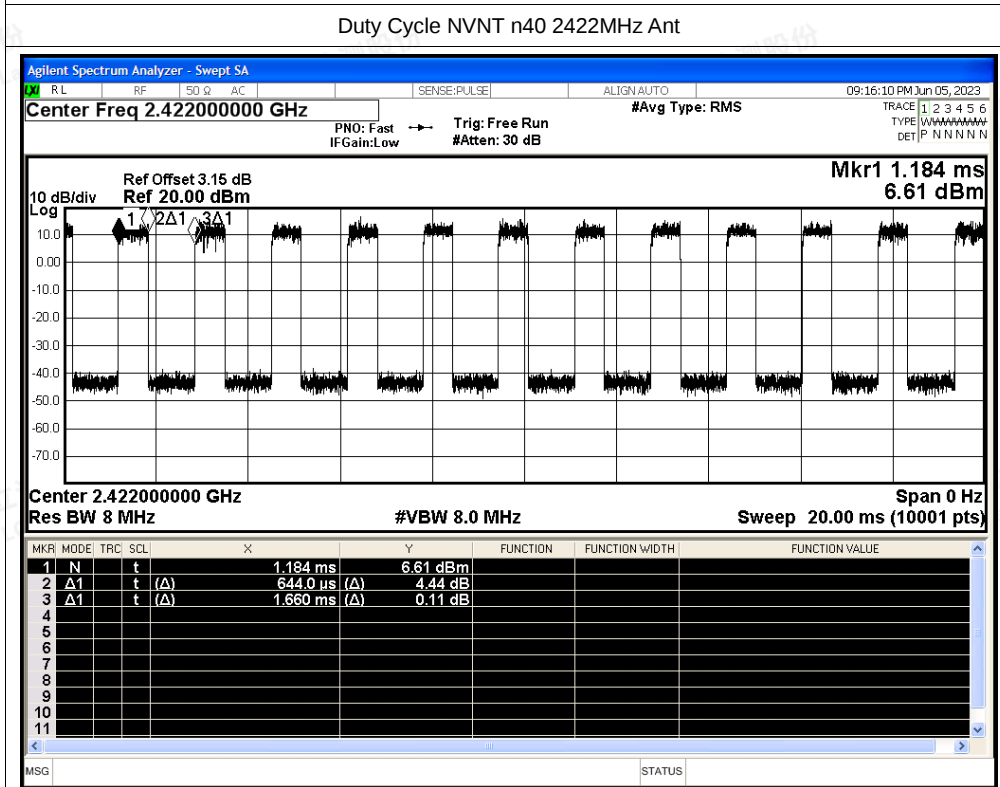
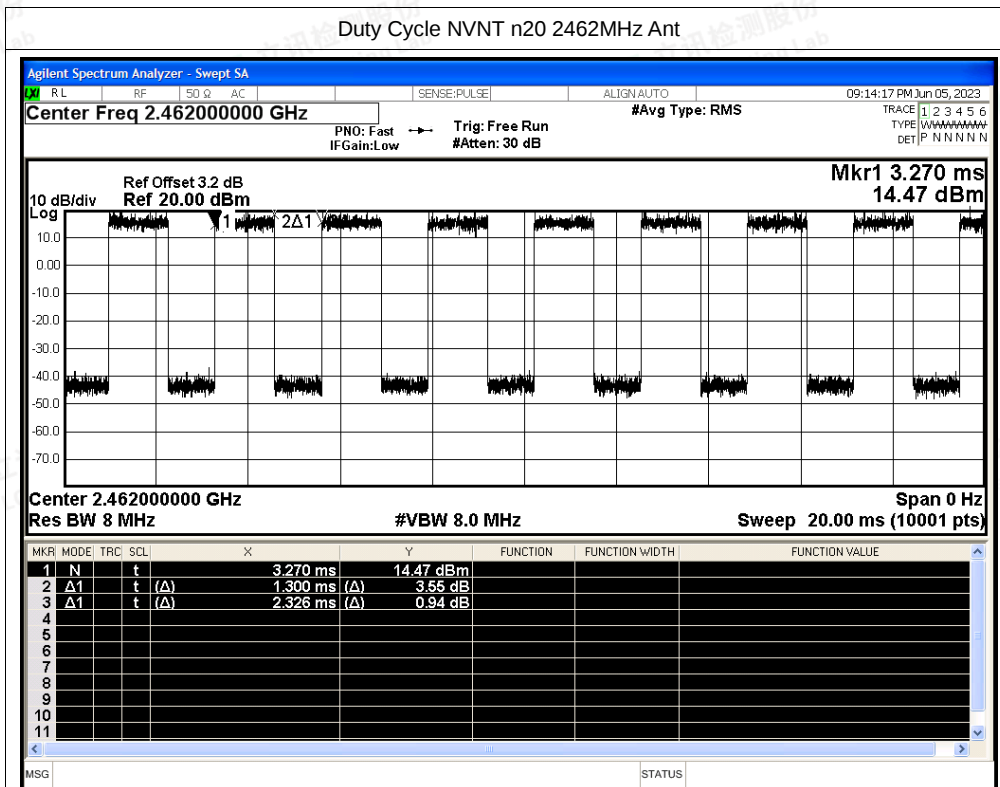


Shenzhen LCS Compliance Testing Laboratory Ltd.

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

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Scan code to check authenticity



Shenzhen LCS Compliance Testing Laboratory Ltd.

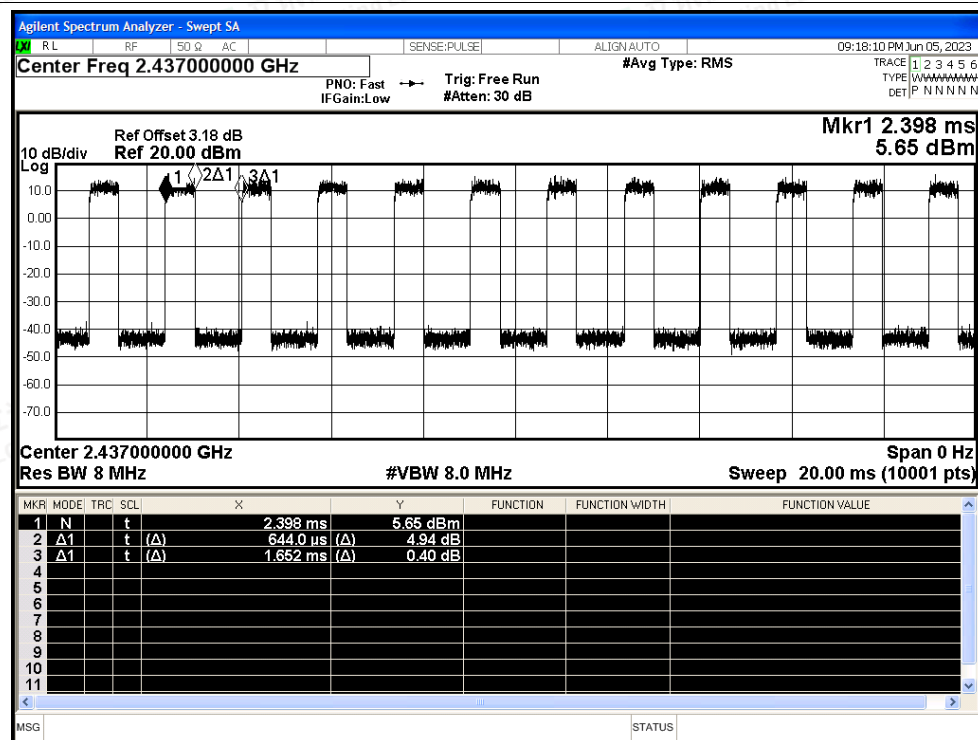
Add: 101, 201 Bldg A & 301 Bldg C, Juji Industrial Park Yabianxueziwei, Shajing Street, Baoan District, Shenzhen, 518000, China

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

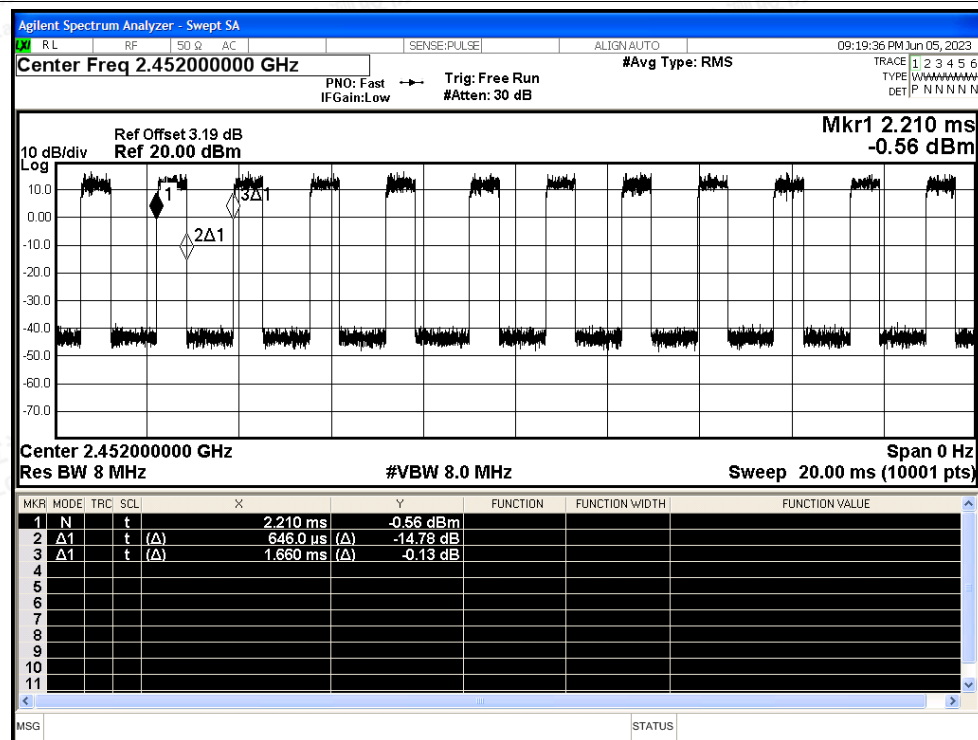
Scan code to check authenticity



Duty Cycle NVNT n40 2437MHz Ant



Duty Cycle NVNT n40 2452MHz Ant



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

Scan code to check authenticity



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	Ant	2310	-49.2	2	48.06	Peak	74	Pass
NVNT	b	2412	Ant	2310	-57	2	40.26	Average	54	Pass
NVNT	b	2412	Ant	2336.091	-45.94	2	51.32	Peak	74	Pass
NVNT	b	2412	Ant	2389.911	-55.65	2	41.61	Average	54	Pass
NVNT	b	2412	Ant	2390	-48.54	2	48.72	Peak	74	Pass
NVNT	b	2412	Ant	2390	-55.71	2	41.55	Average	54	Pass
NVNT	b	2462	Ant	2483.5	-47.99	2	49.27	Peak	74	Pass
NVNT	b	2462	Ant	2483.5	-55.58	2	41.68	Average	54	Pass
NVNT	b	2462	Ant	2492.633	-45.8	2	51.46	Peak	74	Pass
NVNT	b	2462	Ant	2483.941	-55.39	2	41.87	Average	54	Pass
NVNT	b	2462	Ant	2500	-50.78	2	46.48	Peak	74	Pass
NVNT	b	2462	Ant	2500	-56.48	2	40.78	Average	54	Pass
NVNT	g	2412	Ant	2310	-50.62	2	46.64	Peak	74	Pass
NVNT	g	2412	Ant	2310	-56.88	2	40.38	Average	54	Pass
NVNT	g	2412	Ant	2389.911	-42.74	2	54.52	Peak	74	Pass
NVNT	g	2412	Ant	2389.911	-50.6	2	46.66	Average	54	Pass
NVNT	g	2412	Ant	2390	-45.03	2	52.23	Peak	74	Pass
NVNT	g	2412	Ant	2390	-50.48	2	46.78	Average	54	Pass
NVNT	g	2462	Ant	2483.5	-43.39	2	53.87	Peak	74	Pass
NVNT	g	2462	Ant	2483.5	-49.24	2	48.02	Average	54	Pass
NVNT	g	2462	Ant	2483.57	-39.16	2	58.1	Peak	74	Pass
NVNT	g	2462	Ant	2483.782	-49.13	2	48.13	Average	54	Pass
NVNT	g	2462	Ant	2500	-49.48	2	47.78	Peak	74	Pass
NVNT	g	2462	Ant	2500	-56.1	2	41.16	Average	54	Pass
NVNT	n20	2412	Ant	2310	-48.15	2	49.11	Peak	74	Pass
NVNT	n20	2412	Ant	2310	-56.82	2	40.44	Average	54	Pass
NVNT	n20	2412	Ant	2389.092	-43.13	2	54.13	Peak	74	Pass
NVNT	n20	2412	Ant	2389.911	-51.05	2	46.21	Average	54	Pass
NVNT	n20	2412	Ant	2390	-44.25	2	53.01	Peak	74	Pass
NVNT	n20	2412	Ant	2390	-50.96	2	46.3	Average	54	Pass
NVNT	n20	2462	Ant	2483.5	-44.03	2	53.23	Peak	74	Pass
NVNT	n20	2462	Ant	2483.5	-49.33	2	47.93	Average	54	Pass
NVNT	n20	2462	Ant	2483.835	-38.96	2	58.3	Peak	74	Pass
NVNT	n20	2462	Ant	2483.57	-49.25	2	48.01	Average	54	Pass
NVNT	n20	2462	Ant	2500	-49.59	2	47.67	Peak	74	Pass
NVNT	n20	2462	Ant	2500	-56.13	2	41.13	Average	54	Pass
NVNT	n40	2422	Ant	2310	-51.87	2	45.39	Peak	74	Pass



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NVNT	n40	2422	Ant	2310	-56.58	2	40.68	Average	54	Pass
NVNT	n40	2422	Ant	2386.254	-35.31	2	61.95	Peak	74	Pass
NVNT	n40	2422	Ant	2389.804	-45.48	2	51.78	Average	54	Pass
NVNT	n40	2422	Ant	2390	-38.56	2	58.7	Peak	74	Pass
NVNT	n40	2422	Ant	2390	-45.67	2	51.59	Average	54	Pass
NVNT	n40	2452	Ant	2483.5	-27.13	2	70.13	Peak	74	Pass
NVNT	n40	2452	Ant	2483.5	-45.58	2	51.68	Average	54	Pass
NVNT	n40	2452	Ant	2484.166	-27.34	2	69.92	Peak	74	Pass
NVNT	n40	2452	Ant	2484.244	-45.79	2	51.47	Average	54	Pass
NVNT	n40	2452	Ant	2500	-49.33	2	47.93	Peak	74	Pass
NVNT	n40	2452	Ant	2500	-56.06	2	41.2	Average	54	Pass



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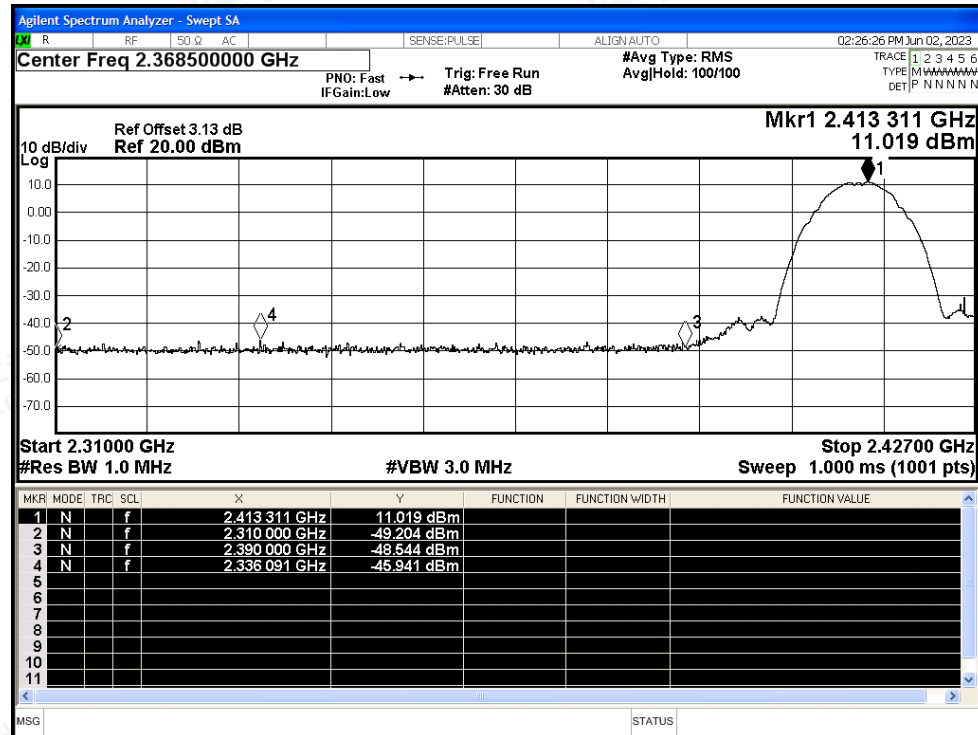
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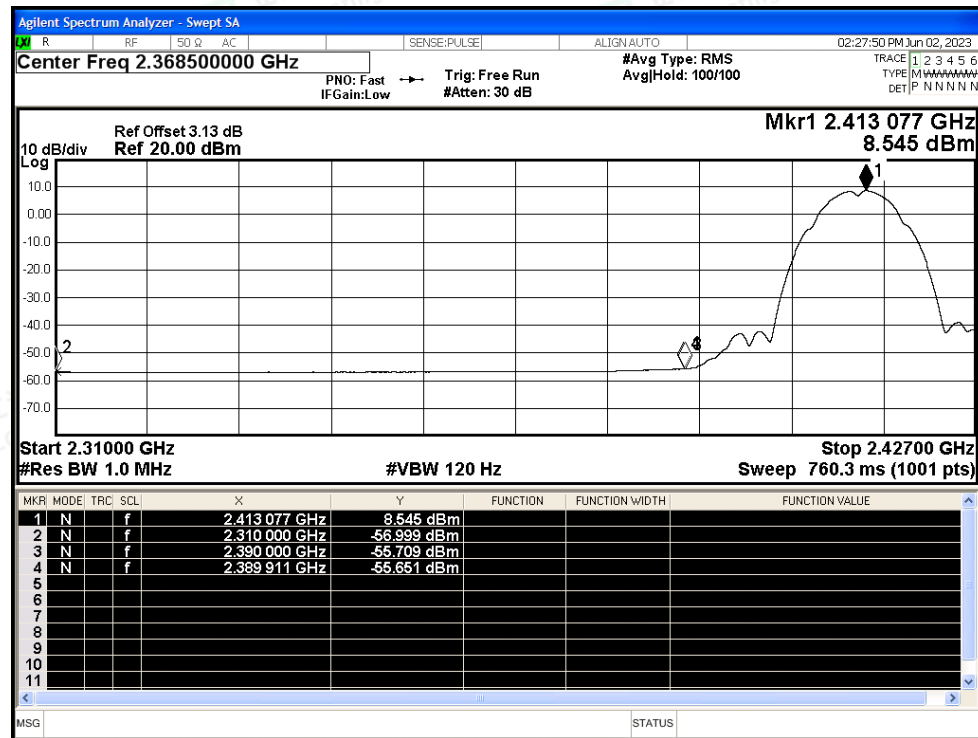


Test Graphs

Restrict Band NVNT b 2412MHz Ant Peak



Restrict Band NVNT b 2412MHz Ant Average



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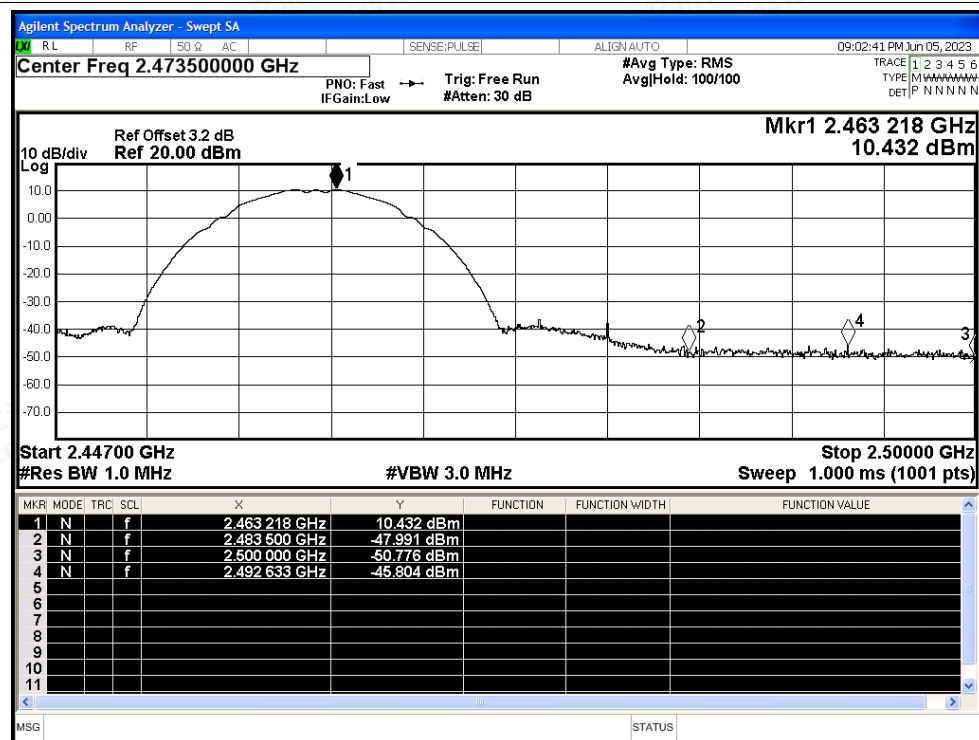
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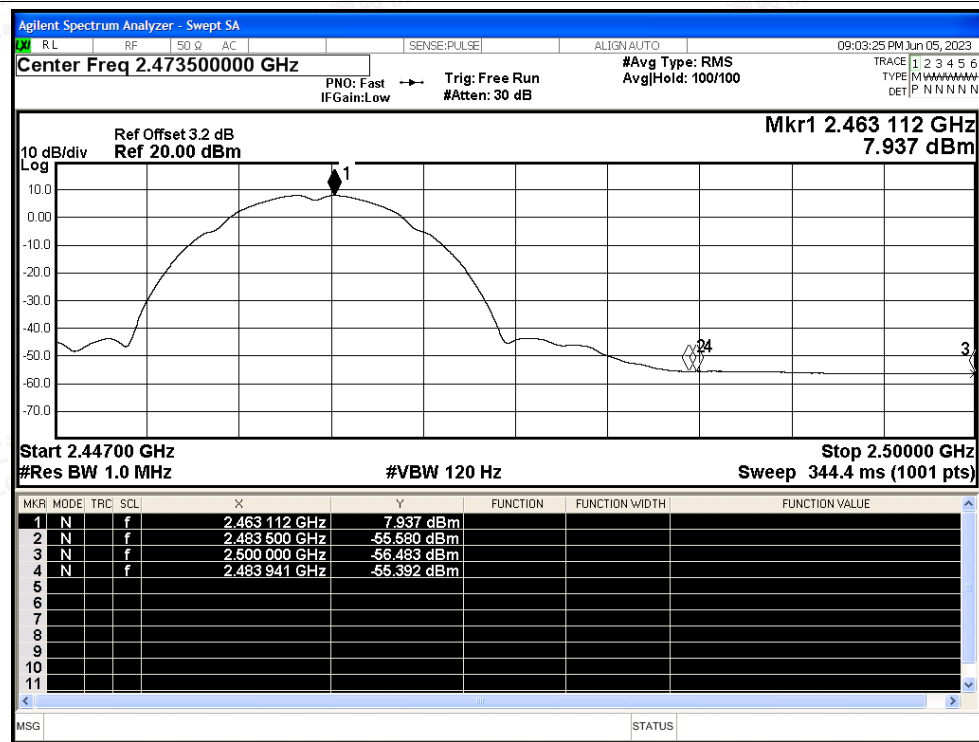
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Restrict Band NVNT b 2462MHz Ant Peak



Restrict Band NVNT b 2462MHz Ant Average



Shenzhen LCS Compliance Testing Laboratory Ltd.

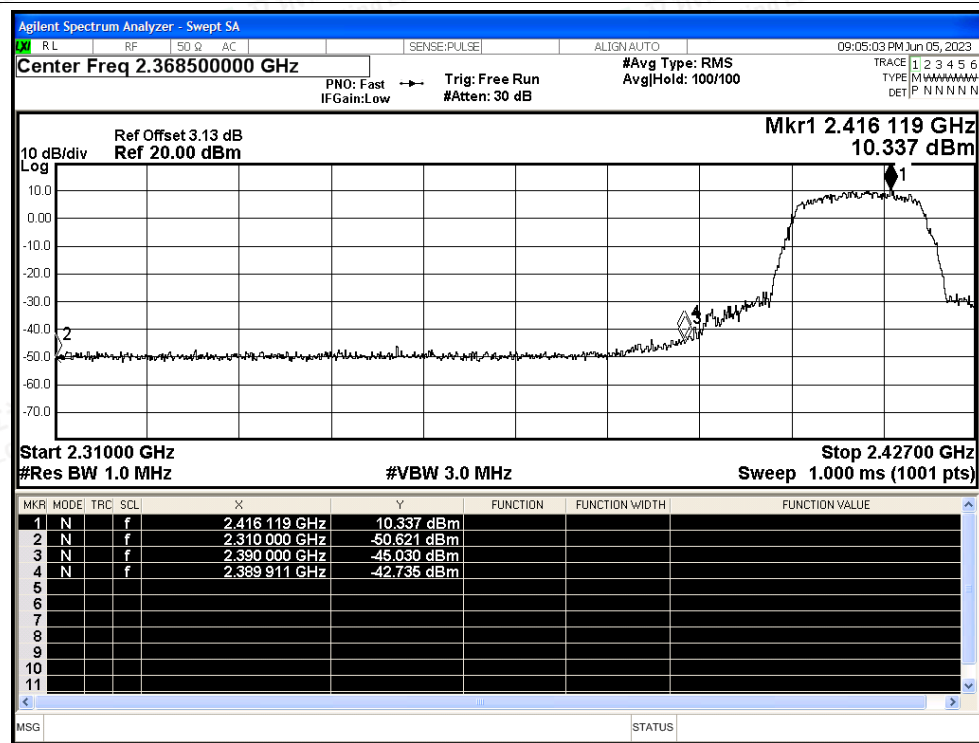
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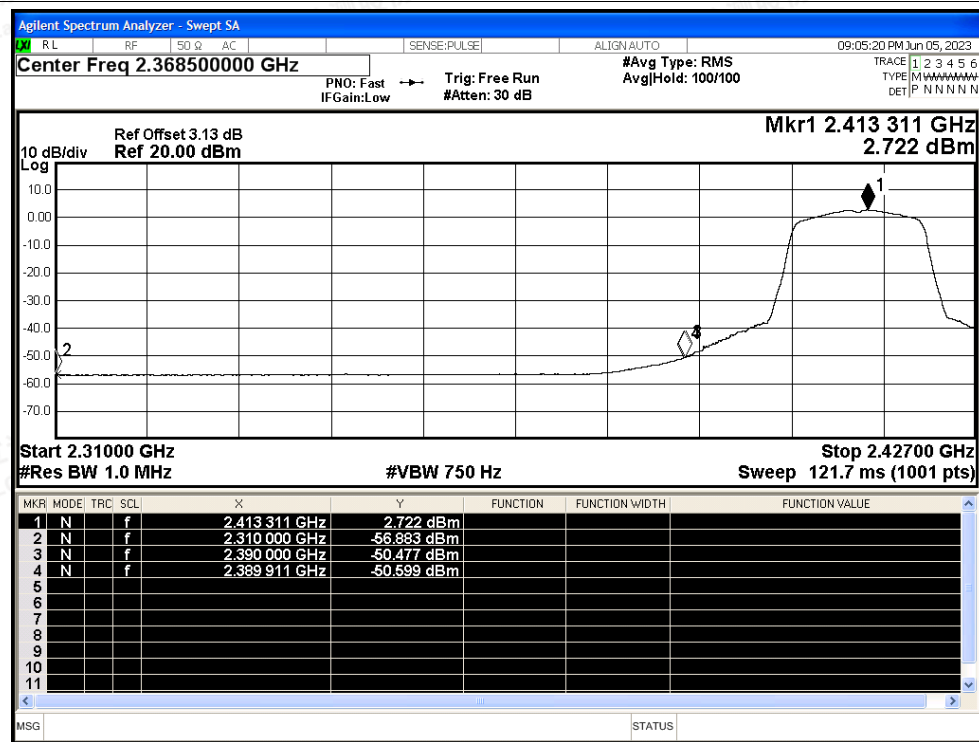
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Restrict Band NVNT g 2412MHz Ant Peak



Restrict Band NVNT g 2412MHz Ant Average



Shenzhen LCS Compliance Testing Laboratory Ltd.

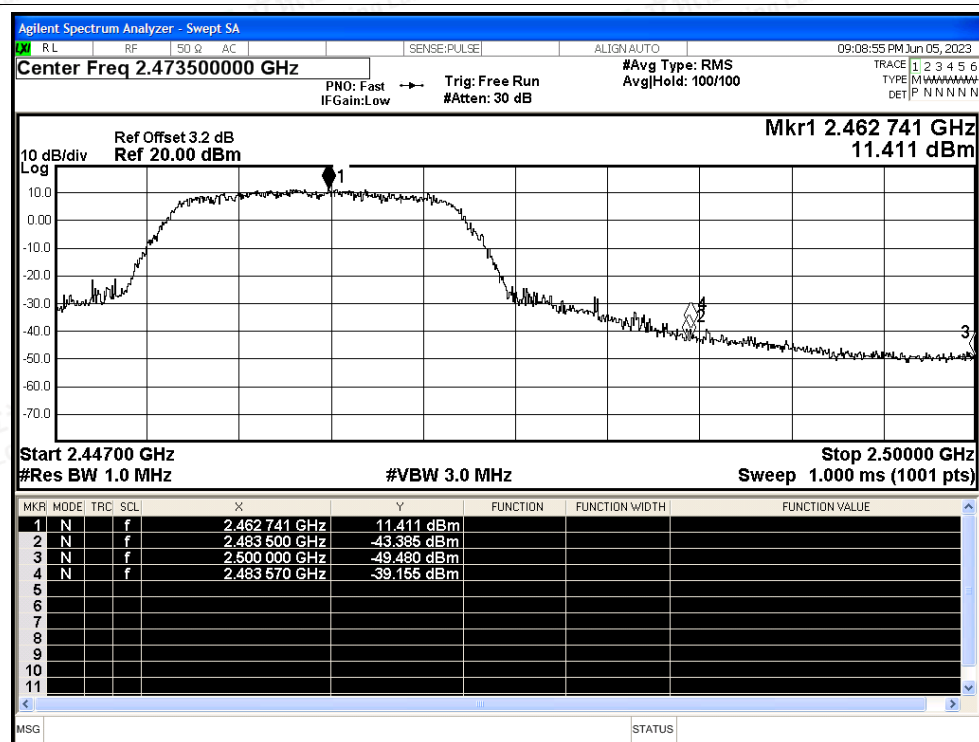
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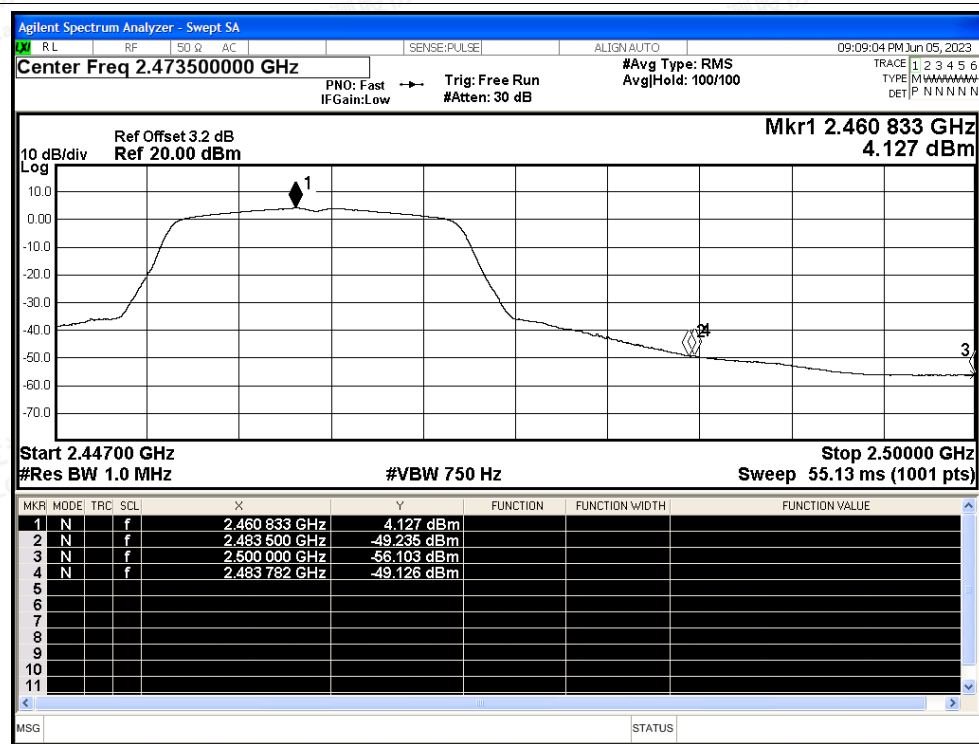
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Restrict Band NVNT g 2462MHz Ant Peak



Restrict Band NVNT g 2462MHz Ant Average



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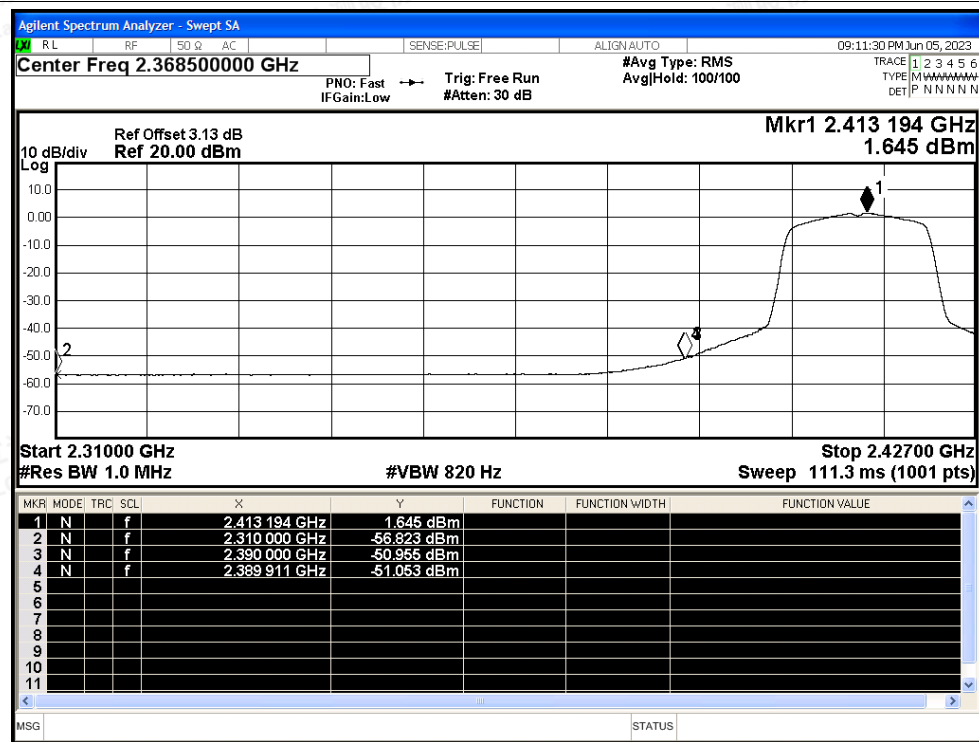
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Restrict Band NVNT n20 2412MHz Ant Peak



Restrict Band NVNT n20 2412MHz Ant Average



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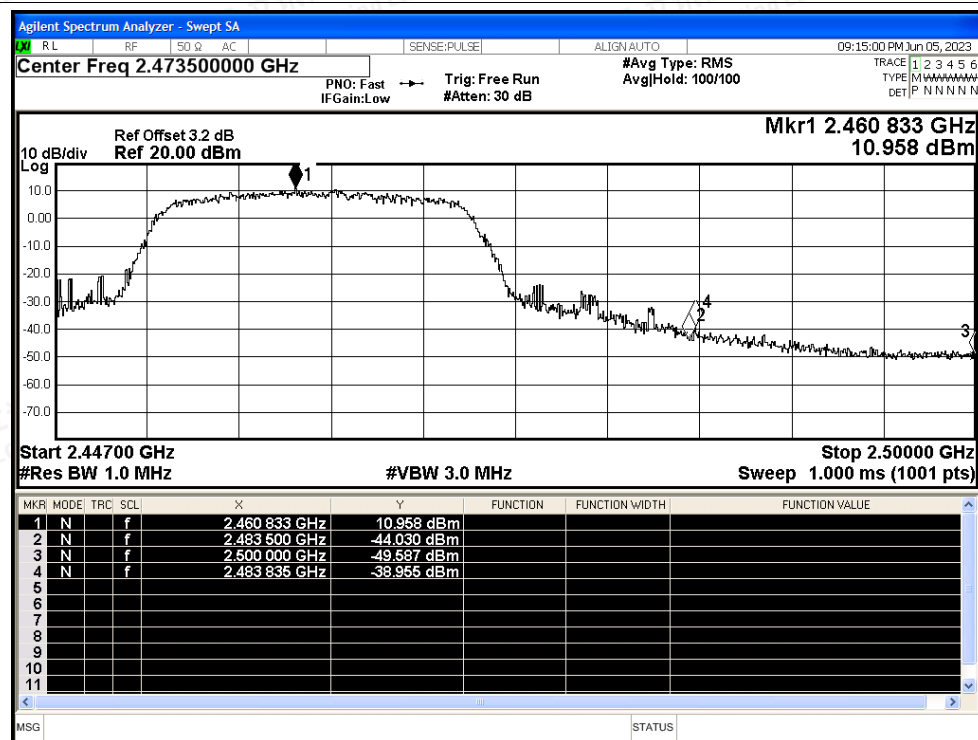
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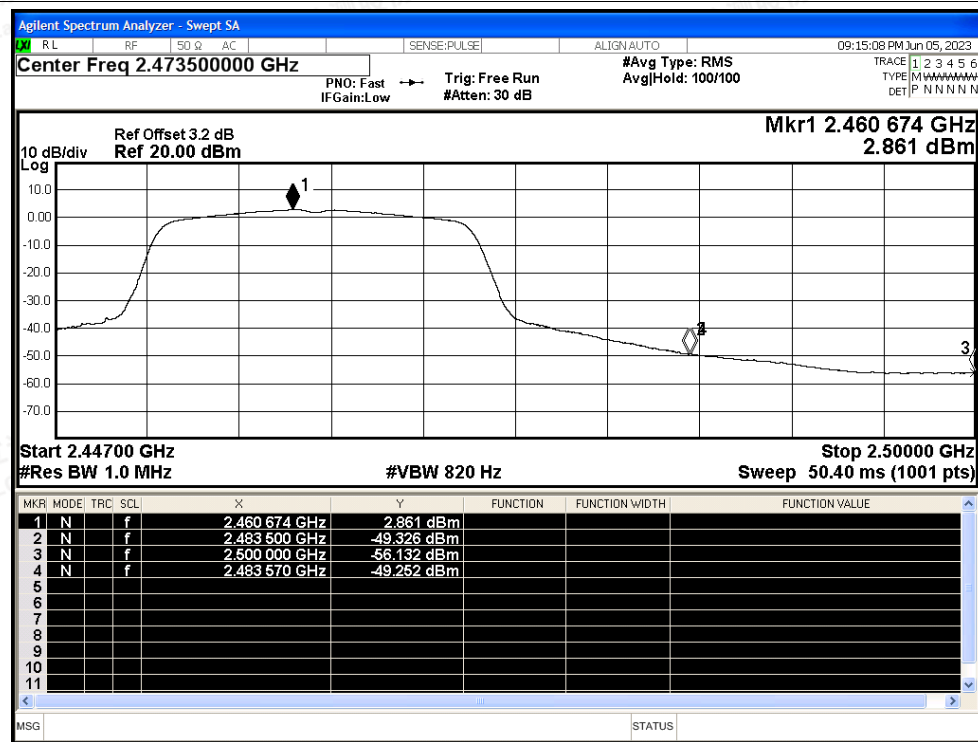
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Restrict Band NVNT n20 2462MHz Ant Peak



Restrict Band NVNT n20 2462MHz Ant Average



Shenzhen LCS Compliance Testing Laboratory Ltd.

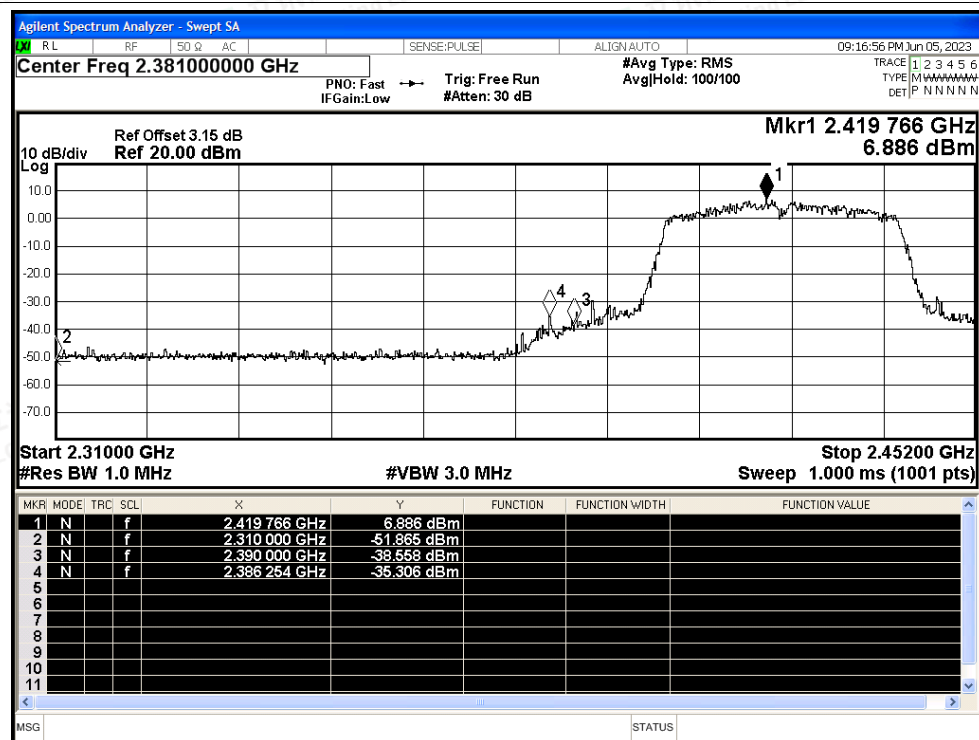
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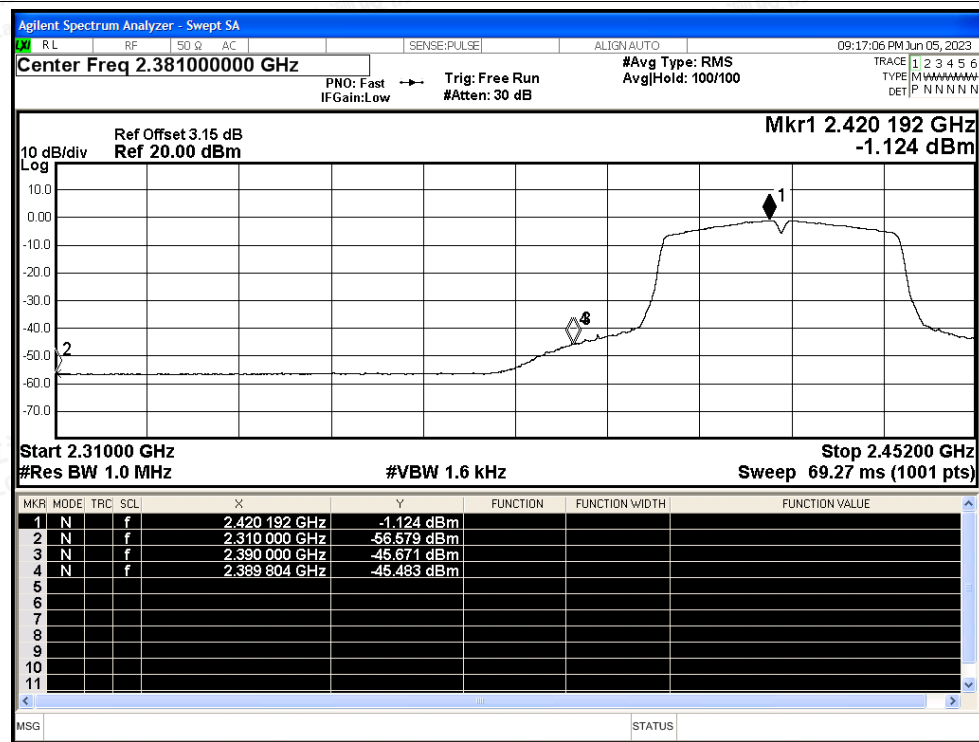
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Restrict Band NVNT n40 2422MHz Ant Peak



Restrict Band NVNT n40 2422MHz Ant Average



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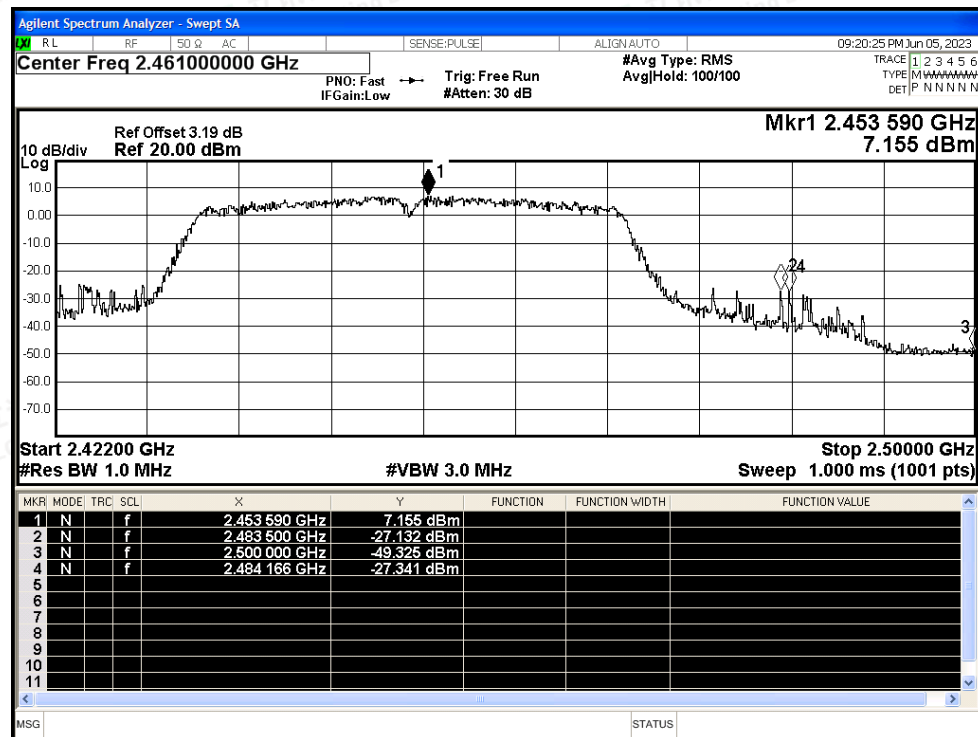
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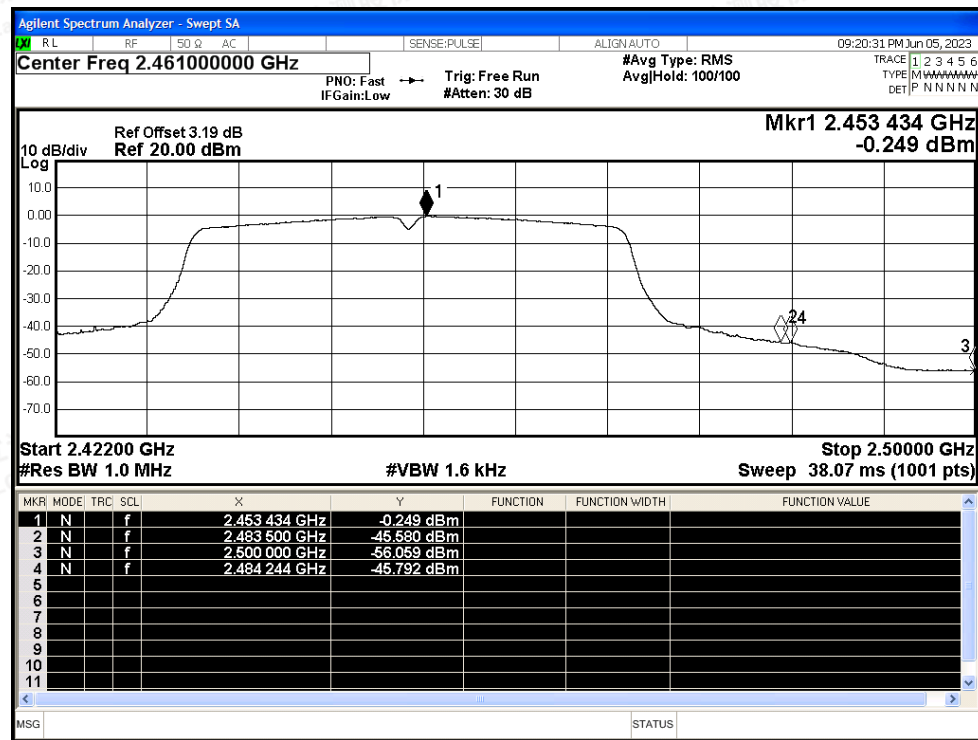
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Restrict Band NVNT n40 2452MHz Ant Peak



Restrict Band NVNT n40 2452MHz Ant Average



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