



Appendix B

RF Test Data for 2.4GWIFI (Conducted Measurement)

Product Name: BDE Dual Band (2.4 and 5 GHz) Wi-Fi 6 & BLE Combo Module

Test Model: BDE-BW3351N1

Environmental Conditions

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



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B.1 -6dB Bandwidth

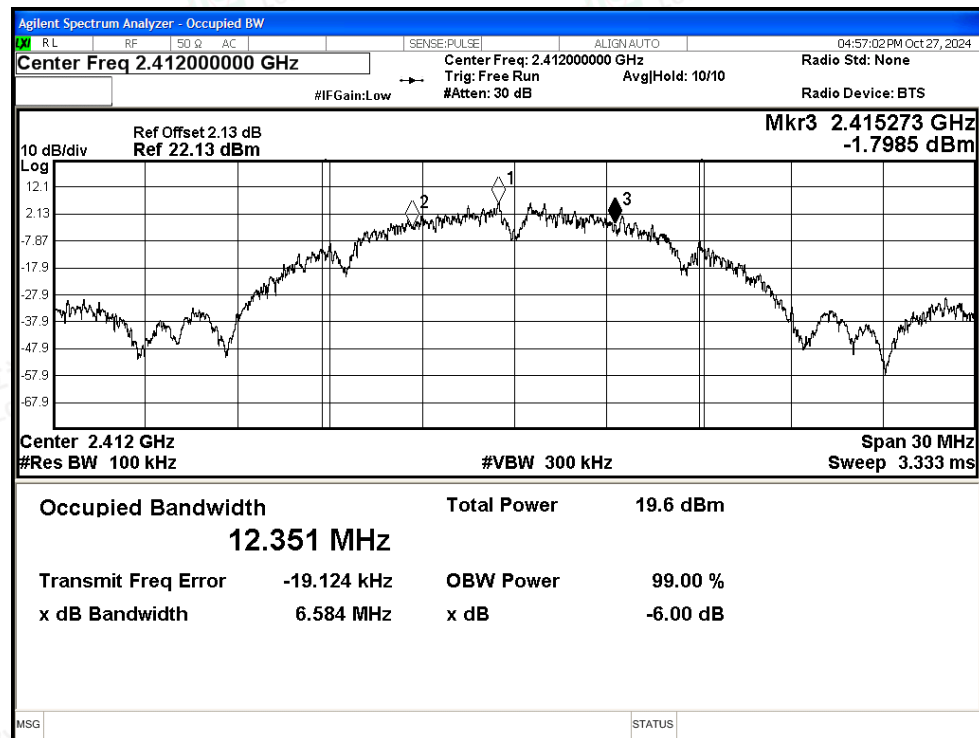
Condition	Mode	Frequency (MHz)	Antenna	-6 dB Bandwidth (MHz)	Limit -6 dB Bandwidth (MHz)	Verdict
NVNT	b	2412	Ant1	6.584	≥ 0.5	Pass
NVNT	b	2437	Ant1	7.804	≥ 0.5	Pass
NVNT	b	2462	Ant1	7.589	≥ 0.5	Pass
NVNT	g	2412	Ant1	14.694	≥ 0.5	Pass
NVNT	g	2437	Ant1	14.891	≥ 0.5	Pass
NVNT	g	2462	Ant1	15.036	≥ 0.5	Pass
NVNT	n20	2412	Ant1	17.077	≥ 0.5	Pass
NVNT	n20	2437	Ant1	16.586	≥ 0.5	Pass
NVNT	n20	2462	Ant1	15.812	≥ 0.5	Pass
NVNT	ax20	2412	Ant1	17.209	≥ 0.5	Pass
NVNT	ax20	2437	Ant1	18.22	≥ 0.5	Pass
NVNT	ax20	2462	Ant1	17.79	≥ 0.5	Pass



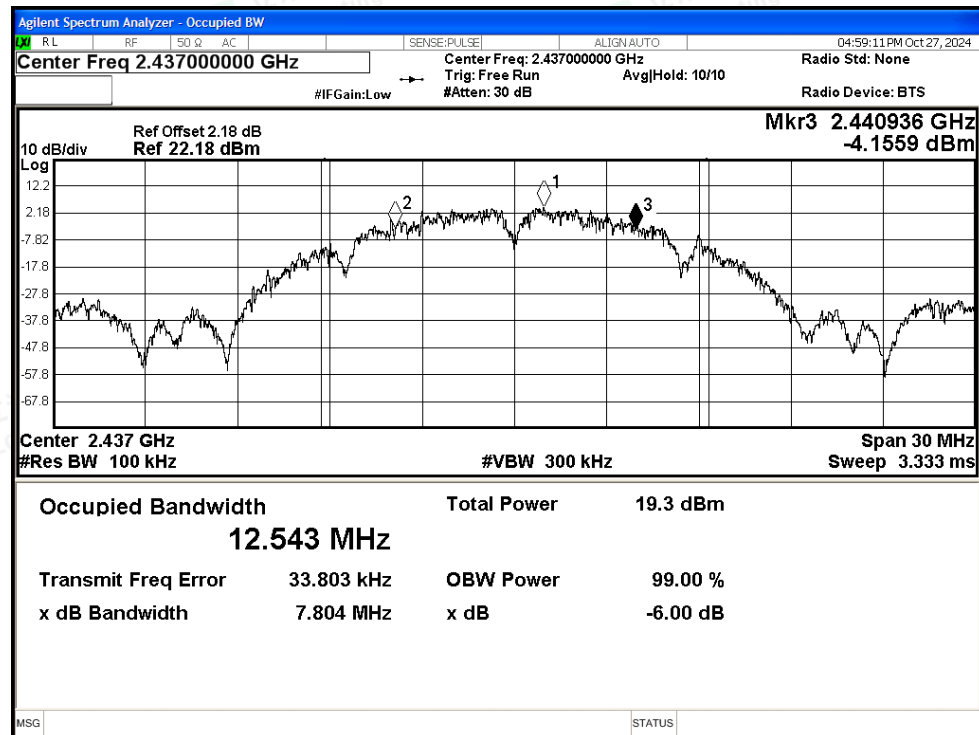


Test Graphs

-6dB Bandwidth NVNT b 2412MHz Ant1



-6dB Bandwidth NVNT b 2437MHz Ant1



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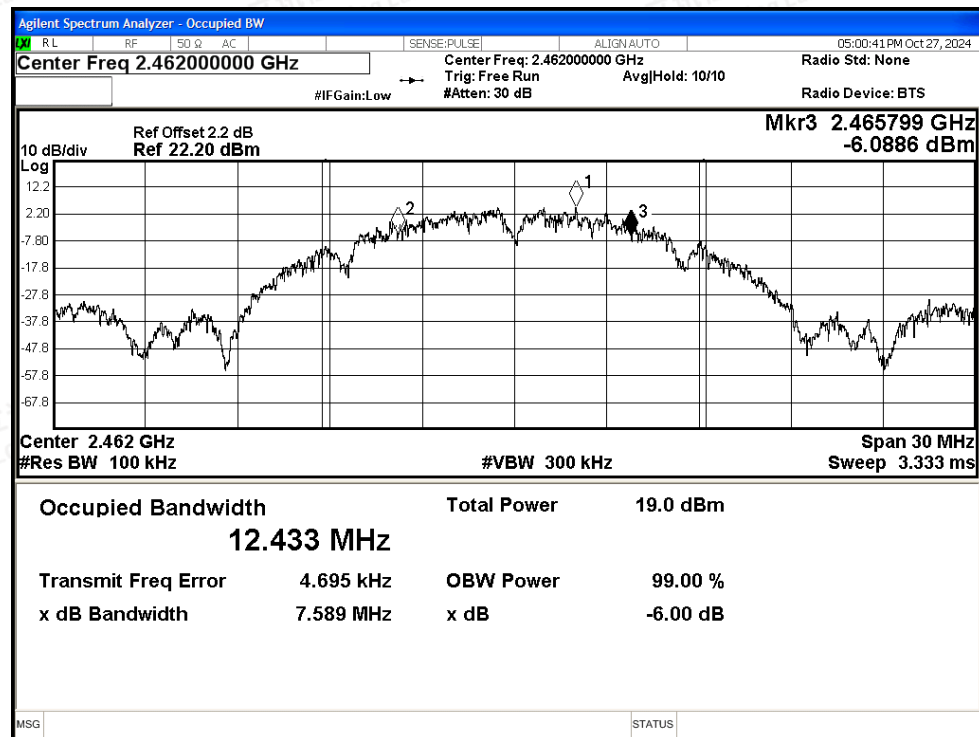
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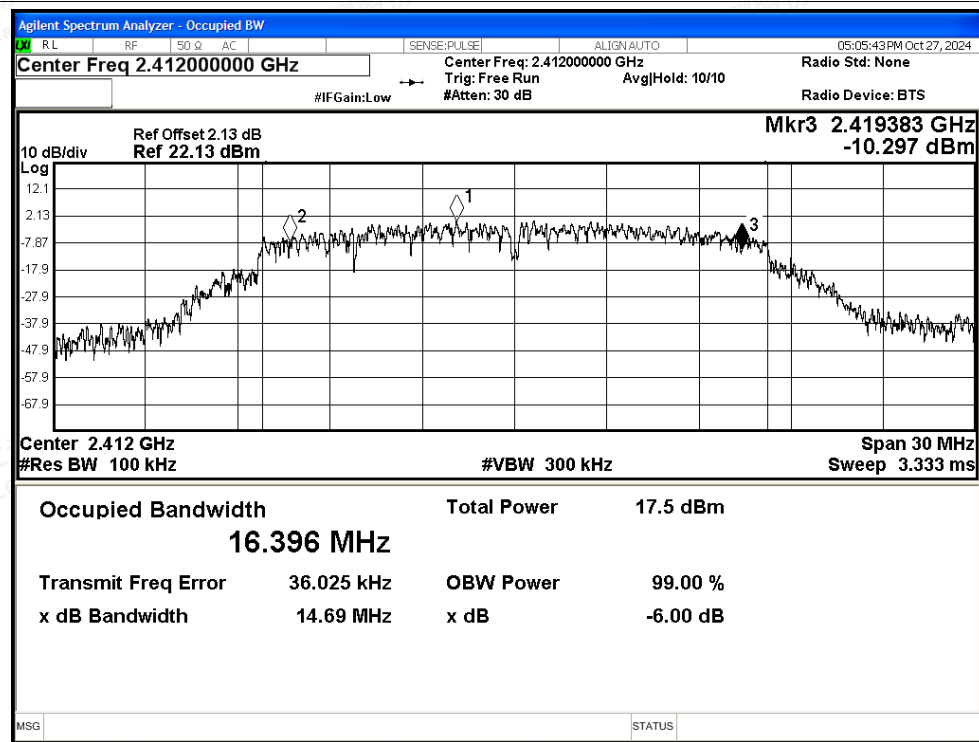
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-6dB Bandwidth NVNT b 2462MHz Ant1



-6dB Bandwidth NVNT g 2412MHz Ant1



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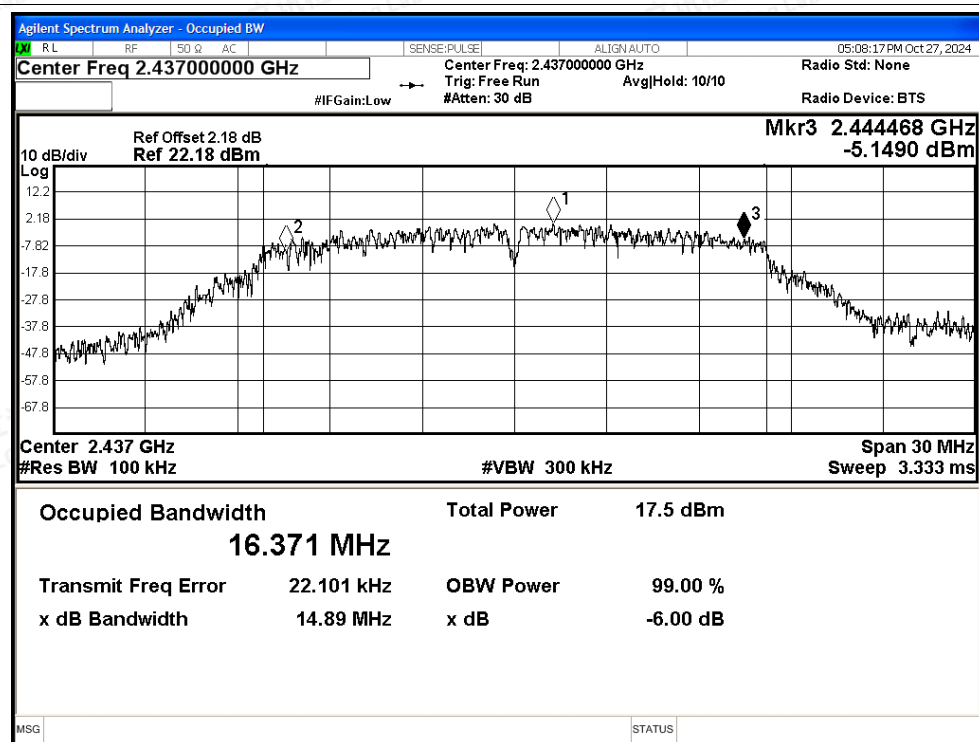
Add: 101, 201 Bldg A & 301 Bldg C, Juji Industrial Park Yabianxueziwei, Shajing Street, Baoan District, Shenzhen, 518000, China

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

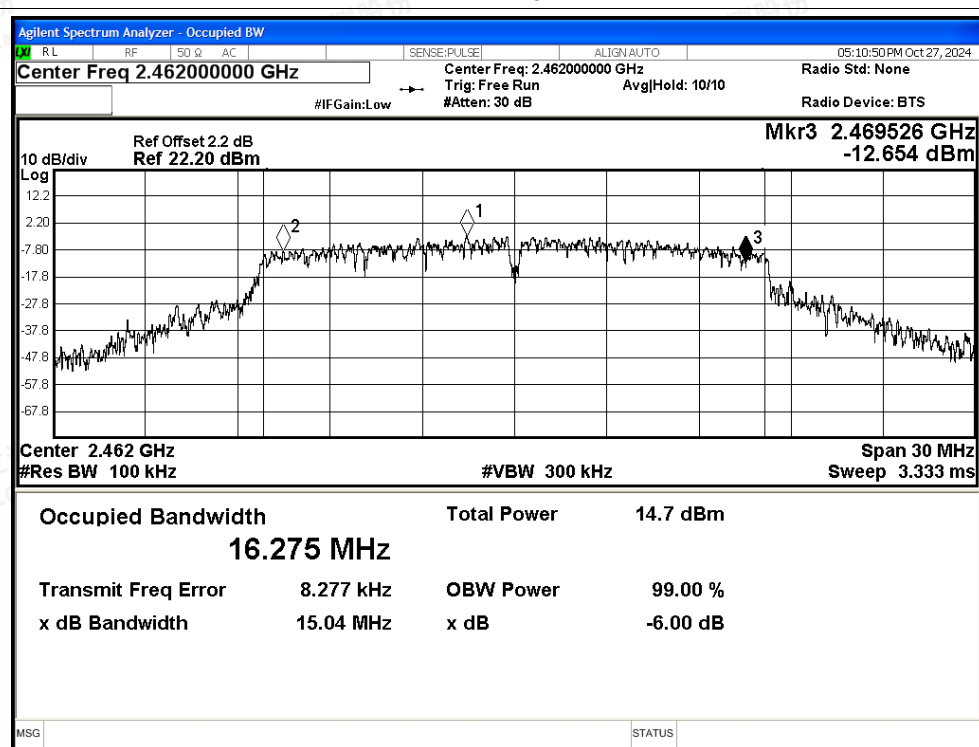
Scan code to check authenticity



-6dB Bandwidth NVNT g 2437MHz Ant1



-6dB Bandwidth NVNT g 2462MHz Ant1



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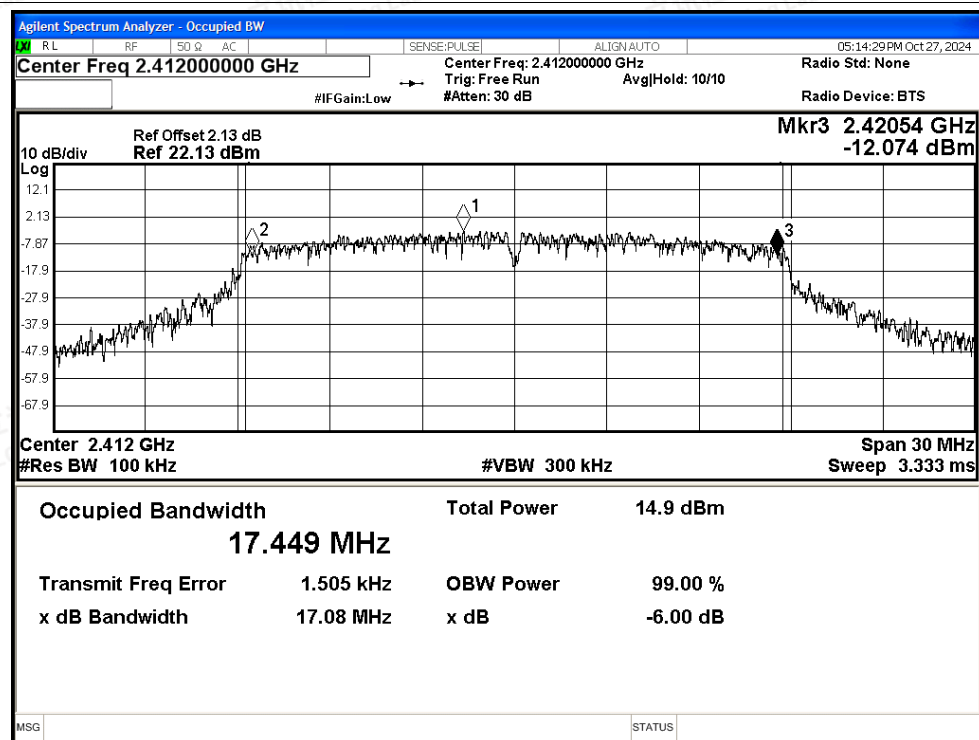
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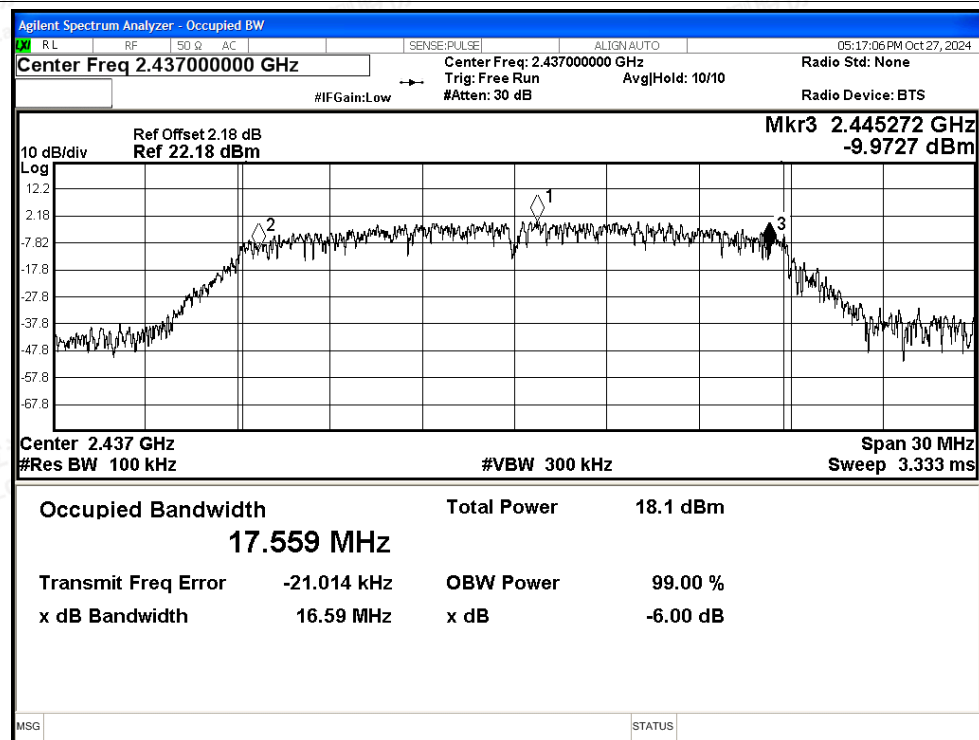
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-6dB Bandwidth NVNT n20 2412MHz Ant1



-6dB Bandwidth NVNT n20 2437MHz Ant1



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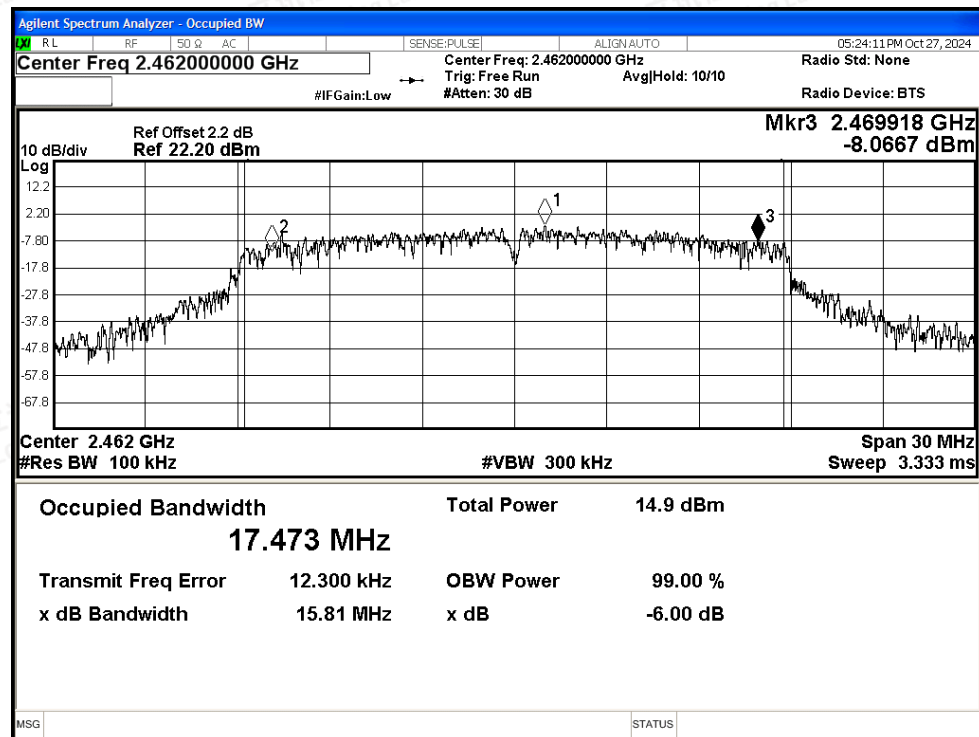
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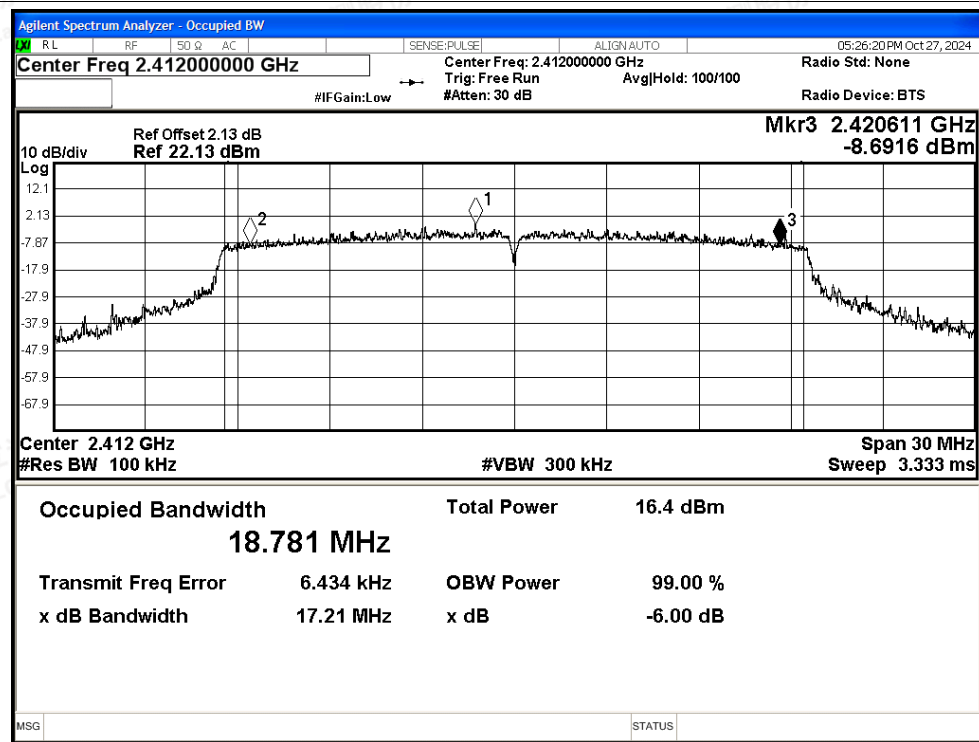
Scan code to check authenticity



-6dB Bandwidth NVNT n20 2462MHz Ant1



-6dB Bandwidth NVNT ax20 2412MHz Ant1



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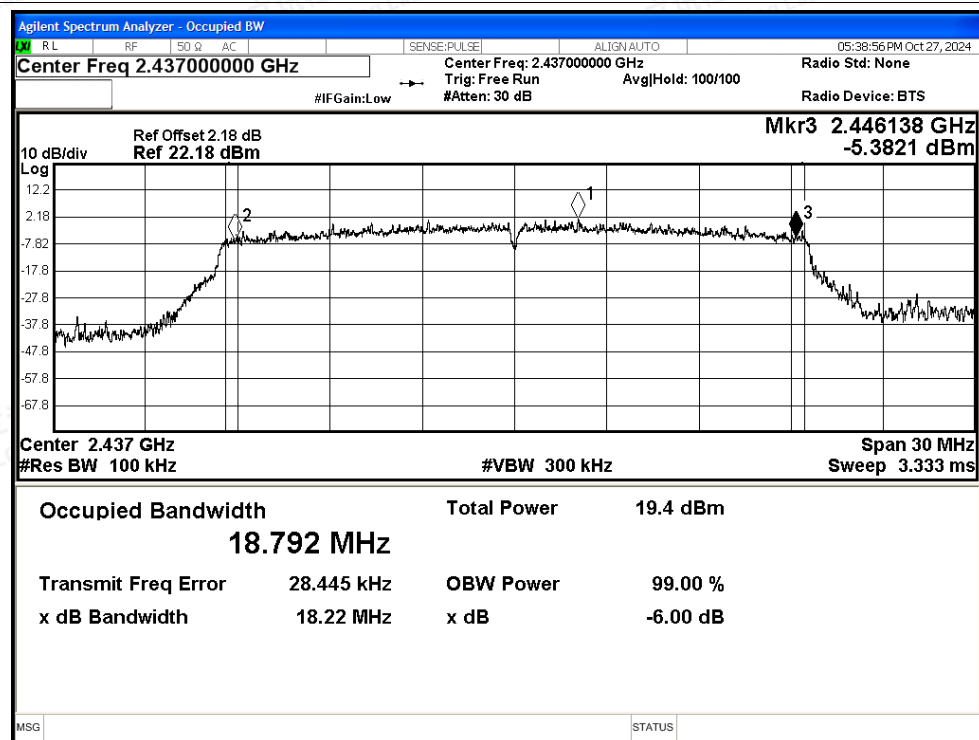
Add: 101, 201 Bldg A & 301 Bldg C, Juji Industrial Park Yabianxueziwei, Shajing Street, Baoan District, Shenzhen, 518000, China

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

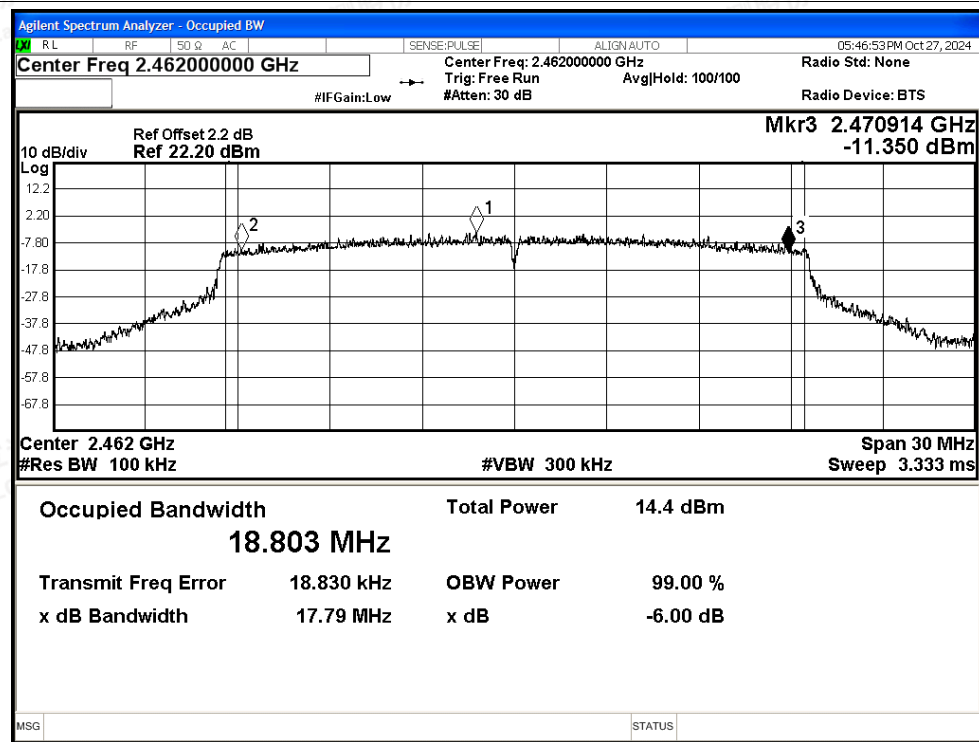
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-6dB Bandwidth NVNT ax20 2437MHz Ant1



-6dB Bandwidth NVNT ax20 2462MHz Ant1



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**802.11ax OFDMA-(26 Tone)**

Condition	Mode	Frequency (MHz)	Antenna	-6 dB Bandwidth (MHz)	Limit -6 dB Bandwidth (MHz)	Verdict
NVNT	ax20	2412	Ant1	16.024	≥ 0.5	Pass
NVNT	ax20	2437	Ant1	17.157	≥ 0.5	Pass
NVNT	ax20	2462	Ant1	16.665	≥ 0.5	Pass

802.11ax OFDMA-(52 Tone)

Condition	Mode	Frequency (MHz)	Antenna	-6 dB Bandwidth (MHz)	Limit -6 dB Bandwidth (MHz)	Verdict
NVNT	ax20	2412	Ant1	16.037	≥ 0.5	Pass
NVNT	ax20	2437	Ant1	17.120	≥ 0.5	Pass
NVNT	ax20	2462	Ant1	16.693	≥ 0.5	Pass

802.11ax OFDMA-(106 Tone)

Condition	Mode	Frequency (MHz)	Antenna	-6 dB Bandwidth (MHz)	Limit -6 dB Bandwidth (MHz)	Verdict
NVNT	ax20	2412	Ant1	16.044	≥ 0.5	Pass
NVNT	ax20	2437	Ant1	17.141	≥ 0.5	Pass
NVNT	ax20	2462	Ant1	16.656	≥ 0.5	Pass

802.11ax OFDMA-(242 Tone)

Condition	Mode	Frequency (MHz)	Antenna	-6 dB Bandwidth (MHz)	Limit -6 dB Bandwidth (MHz)	Verdict
NVNT	ax20	2412	Ant1	16.035	≥ 0.5	Pass
NVNT	ax20	2437	Ant1	17.172	≥ 0.5	Pass
NVNT	ax20	2462	Ant1	16.644	≥ 0.5	Pass





B.2 Maximum Conducted Output Power

Condition	Mode	Frequency (MHz)	Antenna	Conducted Power (dBm)	Limit (dBm)	Verdict
NVNT	b	2412	Ant1	15.92	30	Pass
NVNT	b	2437	Ant1	15.78	30	Pass
NVNT	b	2462	Ant1	15.83	30	Pass
NVNT	g	2412	Ant1	16.2	30	Pass
NVNT	g	2437	Ant1	16.32	30	Pass
NVNT	g	2462	Ant1	13.62	30	Pass
NVNT	n20	2412	Ant1	13.71	30	Pass
NVNT	n20	2437	Ant1	17.14	30	Pass
NVNT	n20	2462	Ant1	15.53	30	Pass
NVNT	ax20	2412	Ant1	15.98	30	Pass
NVNT	ax20	2437	Ant1	18.85	30	Pass
NVNT	ax20	2462	Ant1	13.97	30	Pass

802.11ax OFDMA-(26 Tone)

Condition	Mode	Frequency (MHz)	Antenna	Conducted Power (dBm)	Limit (dBm)	Verdict
NVNT	ax20	2412	Ant1	14.85	30	Pass
NVNT	ax20	2437	Ant1	17.66	30	Pass
NVNT	ax20	2462	Ant1	12.89	30	Pass

802.11ax OFDMA-(52 Tone)

Condition	Mode	Frequency (MHz)	Antenna	Conducted Power (dBm)	Limit (dBm)	Verdict
NVNT	ax20	2412	Ant1	14.91	30	Pass
NVNT	ax20	2437	Ant1	17.74	30	Pass
NVNT	ax20	2462	Ant1	12.86	30	Pass

802.11ax OFDMA-(106 Tone)

Condition	Mode	Frequency (MHz)	Antenna	Conducted Power (dBm)	Limit (dBm)	Verdict
NVNT	ax20	2412	Ant1	14.93	30	Pass
NVNT	ax20	2437	Ant1	17.75	30	Pass
NVNT	ax20	2462	Ant1	12.85	30	Pass

802.11ax OFDMA-(242 Tone)

Condition	Mode	Frequency (MHz)	Antenna	Conducted Power (dBm)	Limit (dBm)	Verdict
NVNT	ax20	2412	Ant1	14.88	30	Pass
NVNT	ax20	2437	Ant1	17.74	30	Pass
NVNT	ax20	2462	Ant1	12.84	30	Pass





B.3 Maximum Power Spectral Density Level

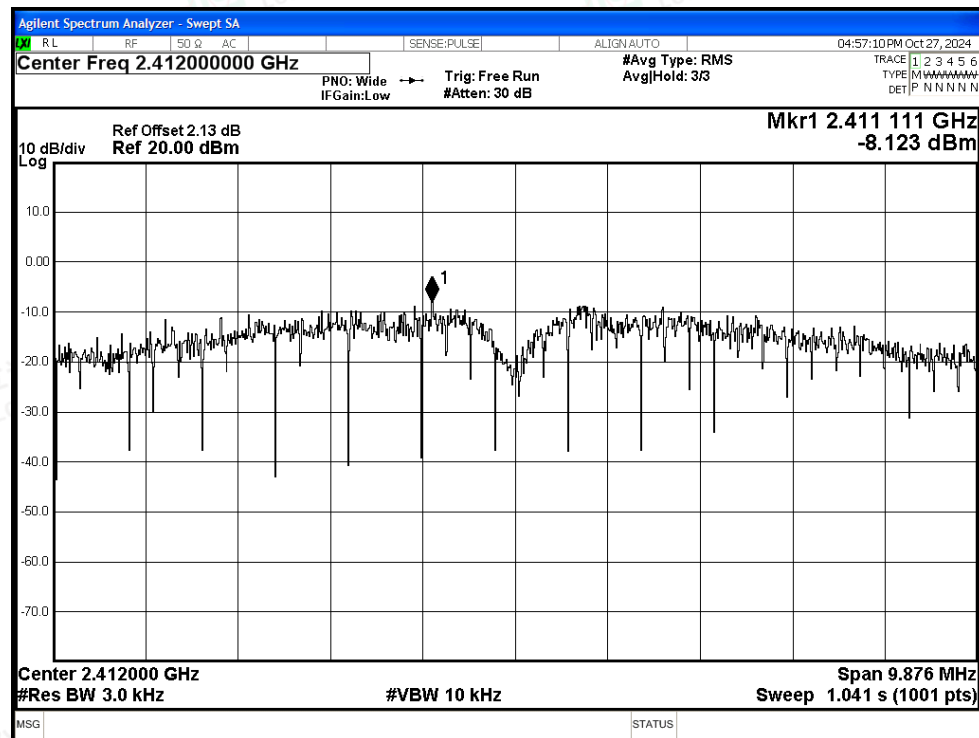
Condition	Mode	Frequency (MHz)	Antenna	Conducted PSD (dBm/3kHz)	Limit (dBm/3kHz)	Verdict
NVNT	b	2412	Ant1	-8.12	8	Pass
NVNT	b	2437	Ant1	-8.41	8	Pass
NVNT	b	2462	Ant1	-8.43	8	Pass
NVNT	g	2412	Ant1	-10.53	8	Pass
NVNT	g	2437	Ant1	-10.25	8	Pass
NVNT	g	2462	Ant1	-12.33	8	Pass
NVNT	n20	2412	Ant1	-14.38	8	Pass
NVNT	n20	2437	Ant1	-10.68	8	Pass
NVNT	n20	2462	Ant1	-13.51	8	Pass
NVNT	ax20	2412	Ant1	-14.23	8	Pass
NVNT	ax20	2437	Ant1	-11.76	8	Pass
NVNT	ax20	2462	Ant1	-15.76	8	Pass



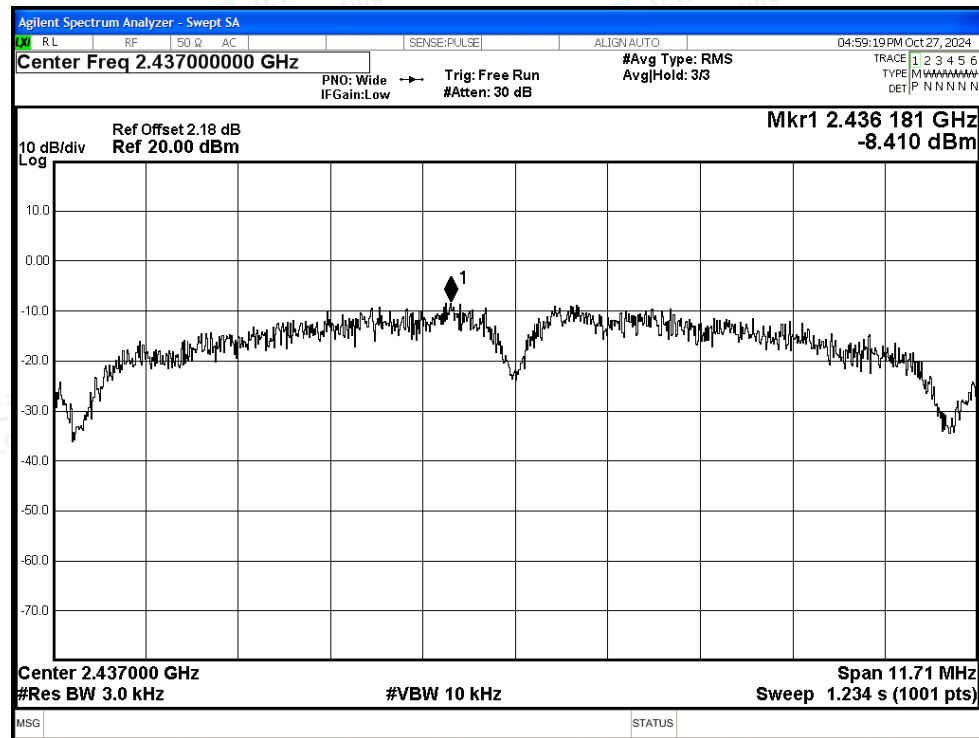


Test Graphs

PSD NVNT b 2412MHz Ant1

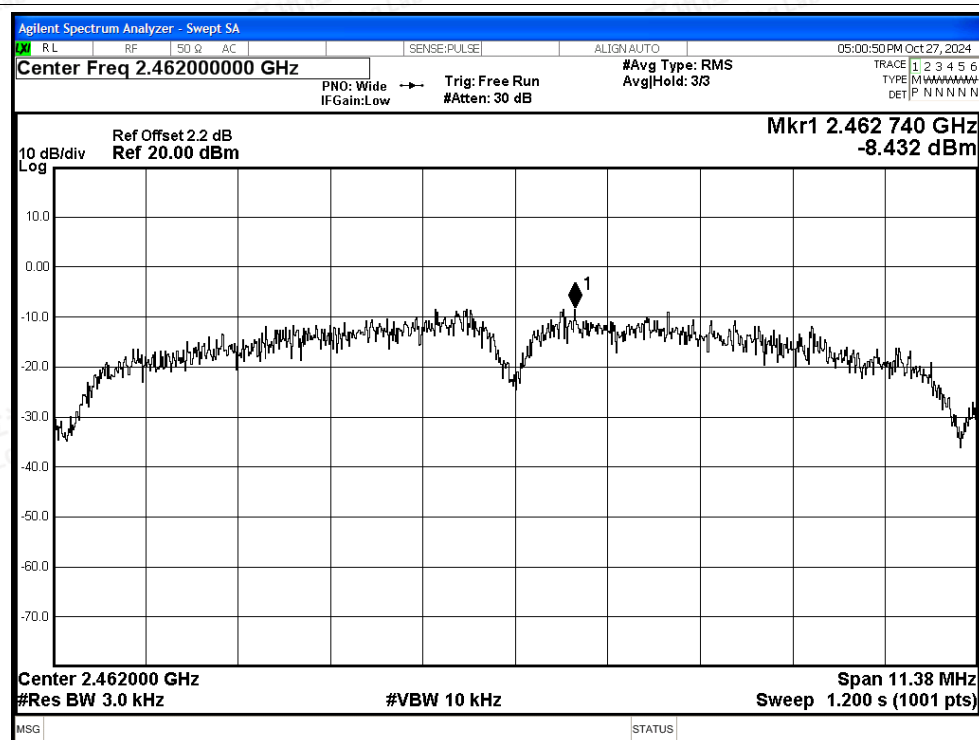


PSD NVNT b 2437MHz Ant1

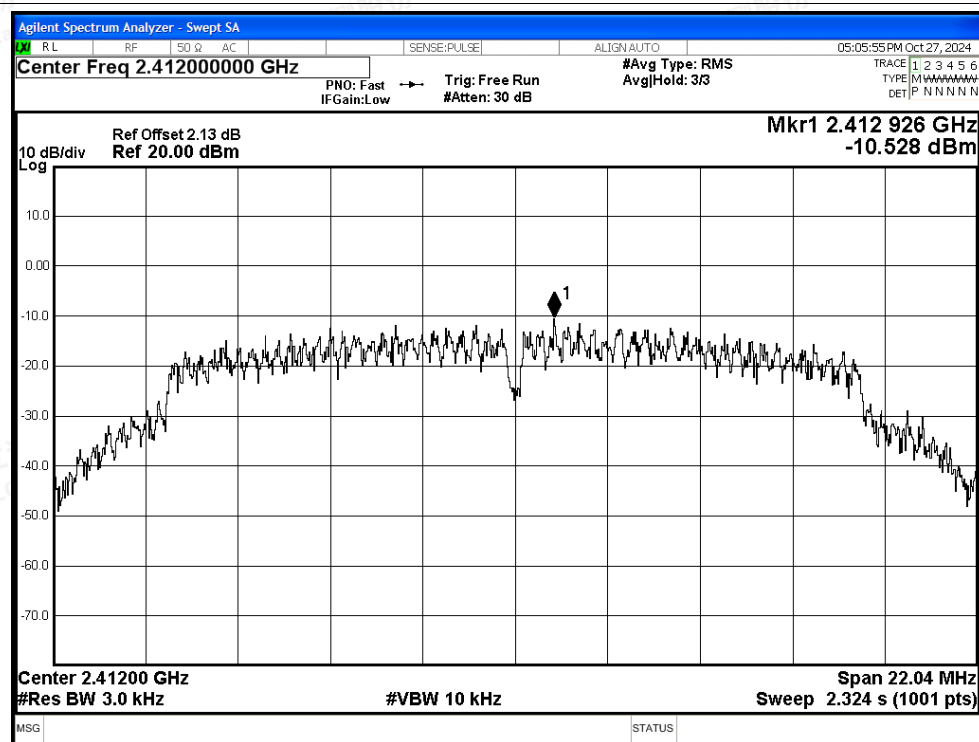




PSD NVNT b 2462MHz Ant1



PSD NVNT g 2412MHz Ant1



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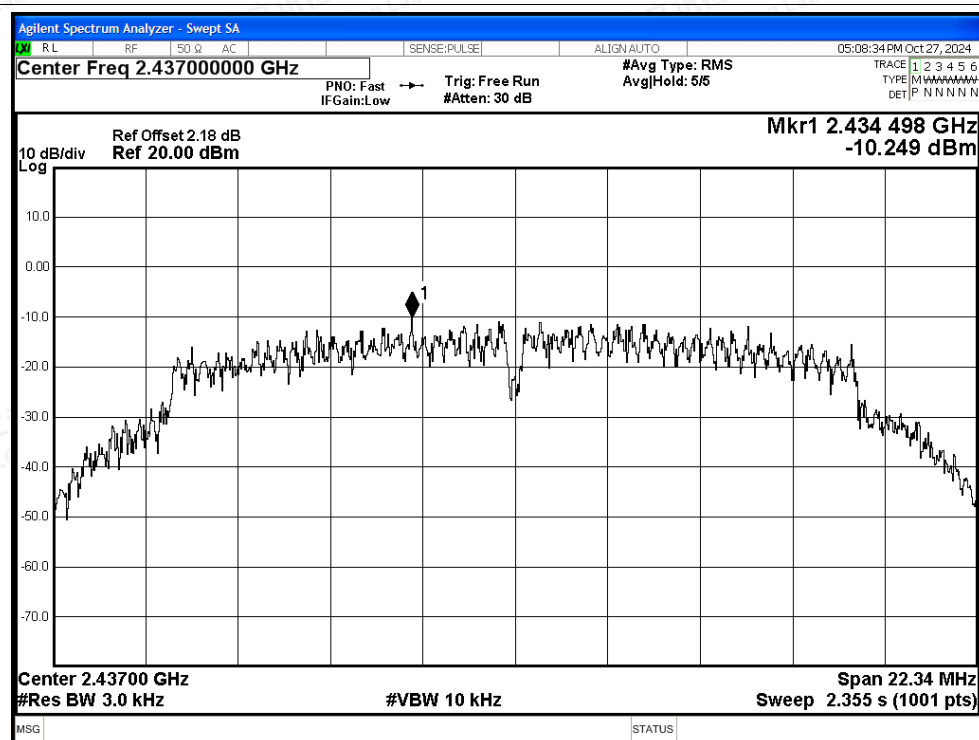
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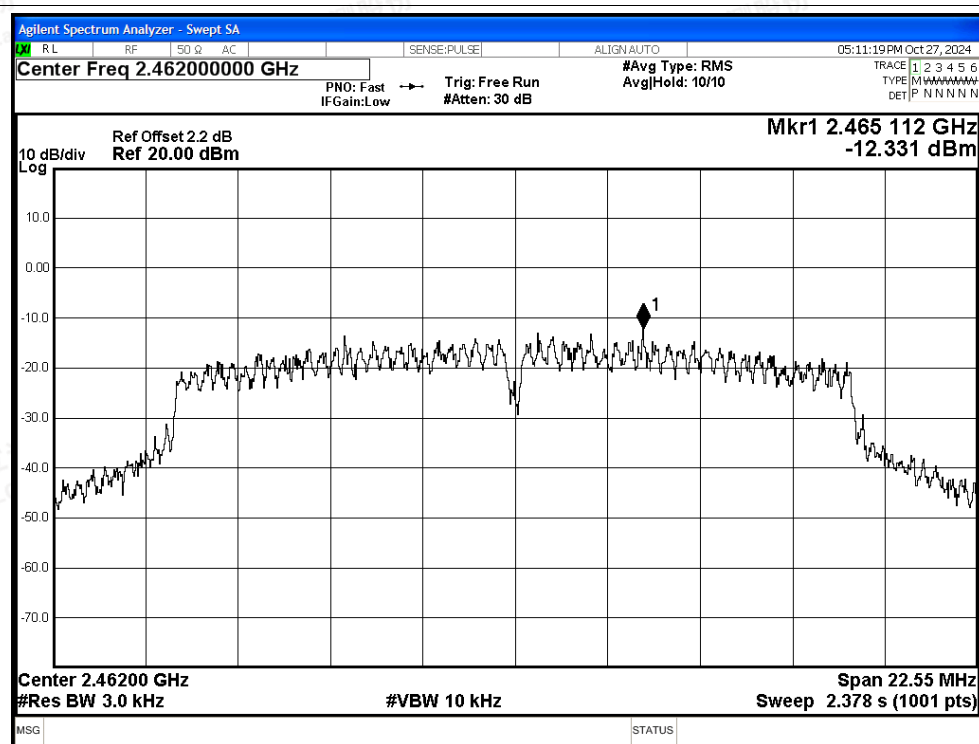
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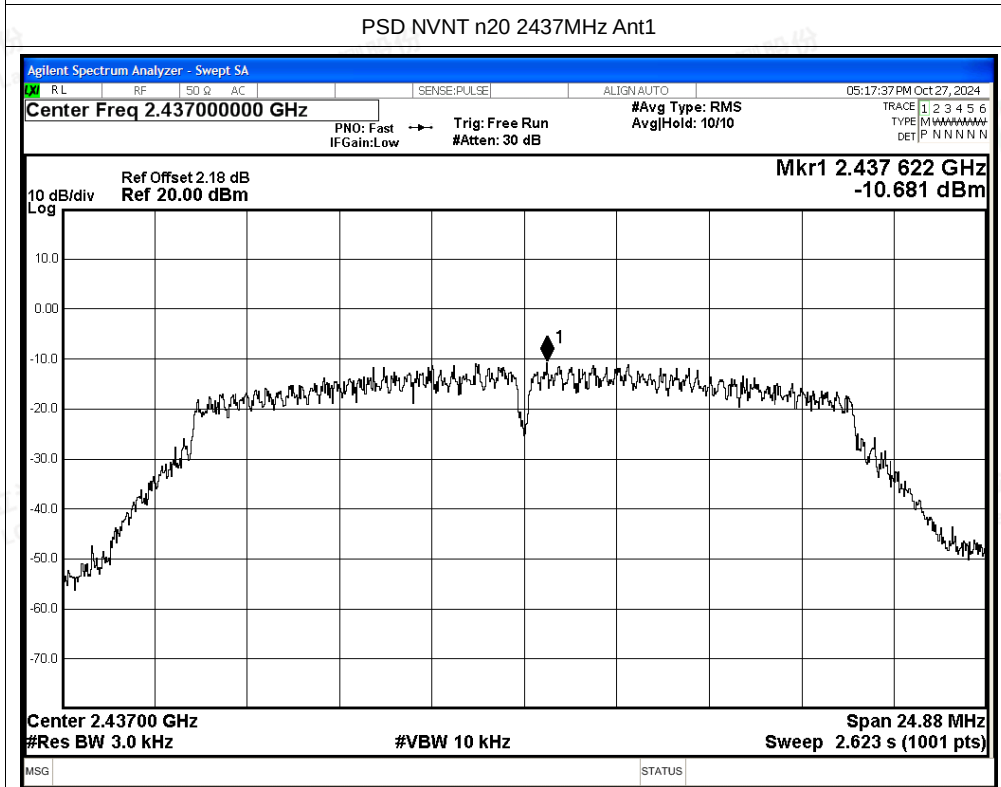
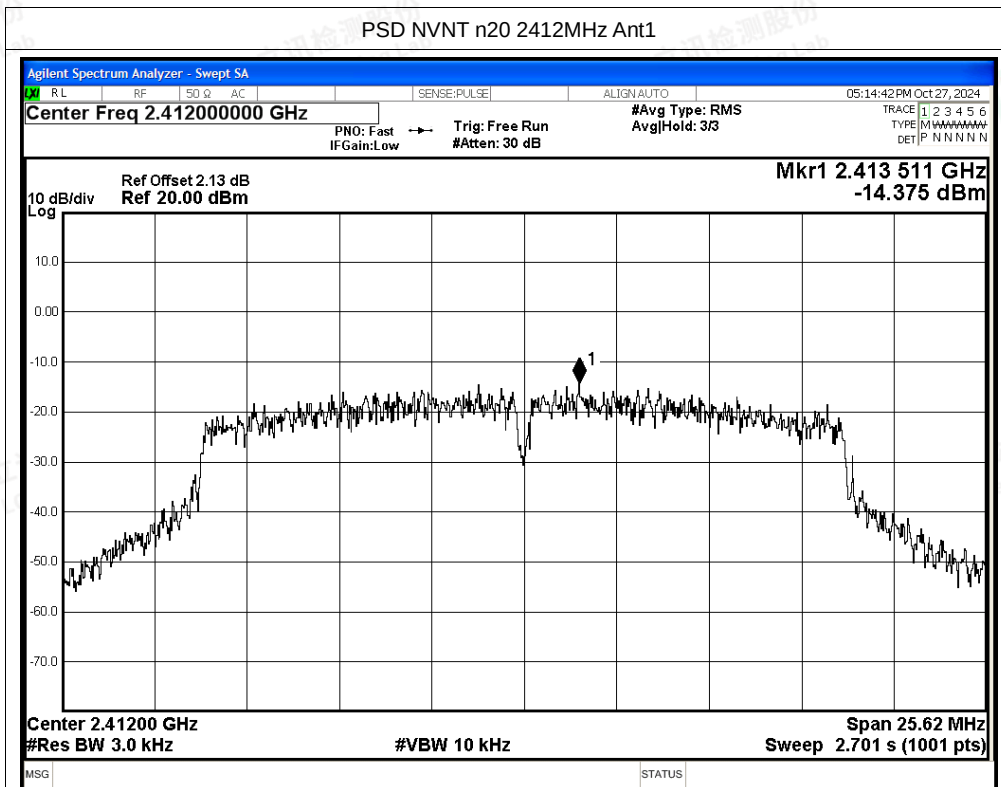


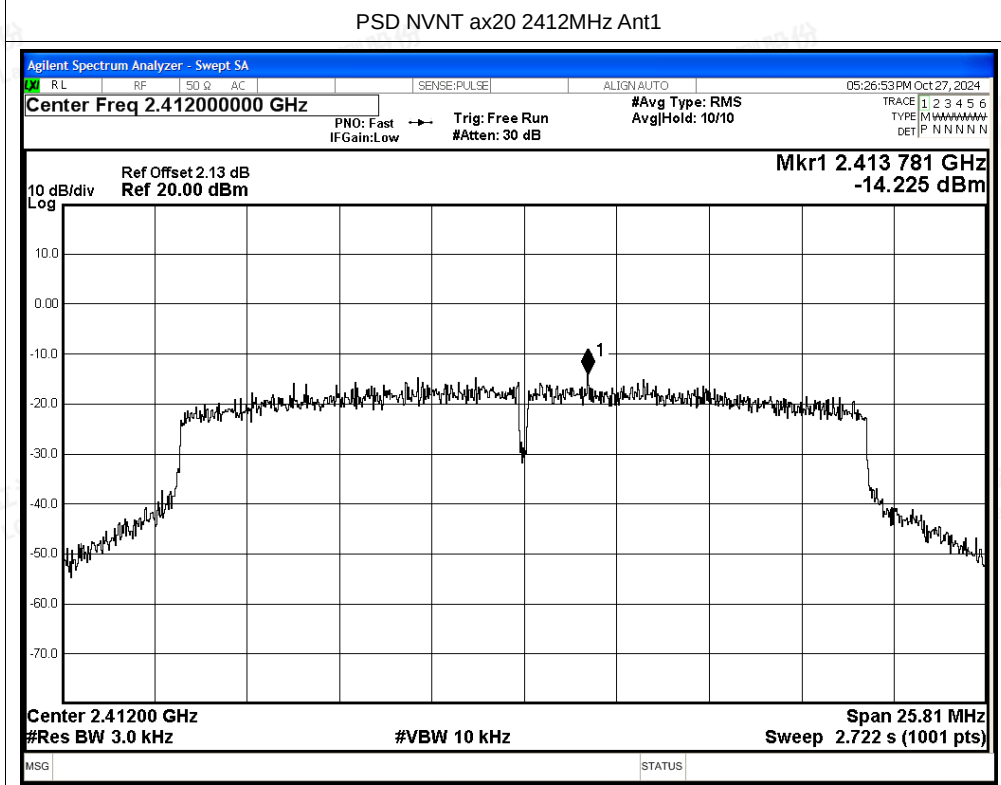
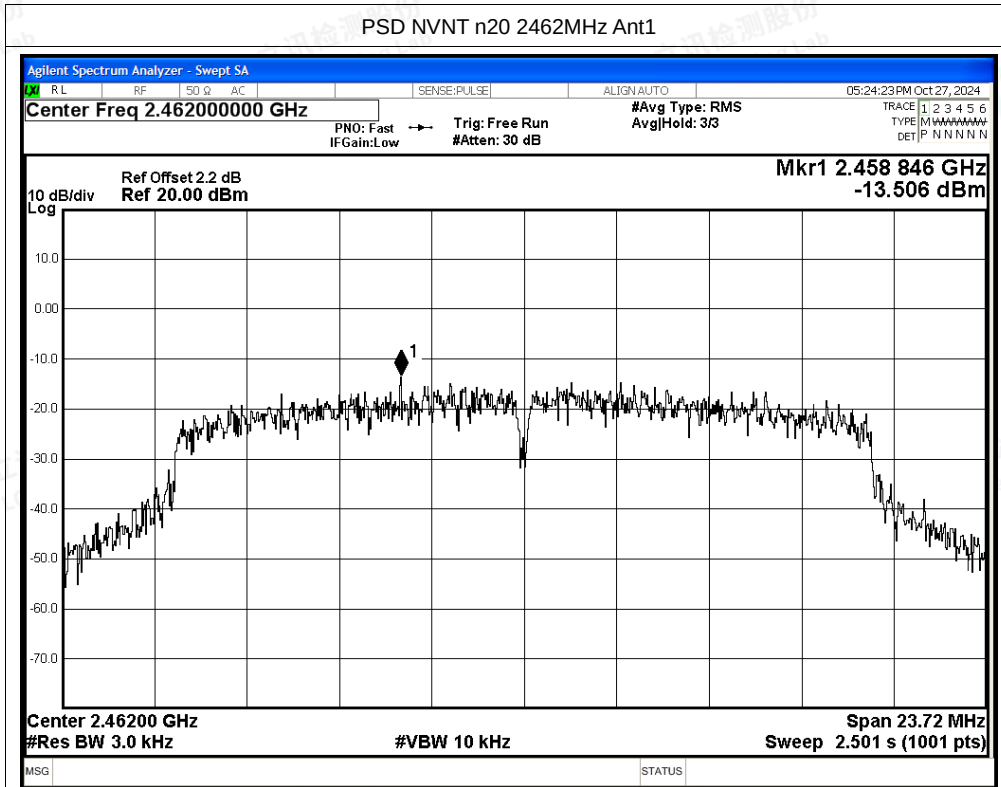
PSD NVNT g 2437MHz Ant1

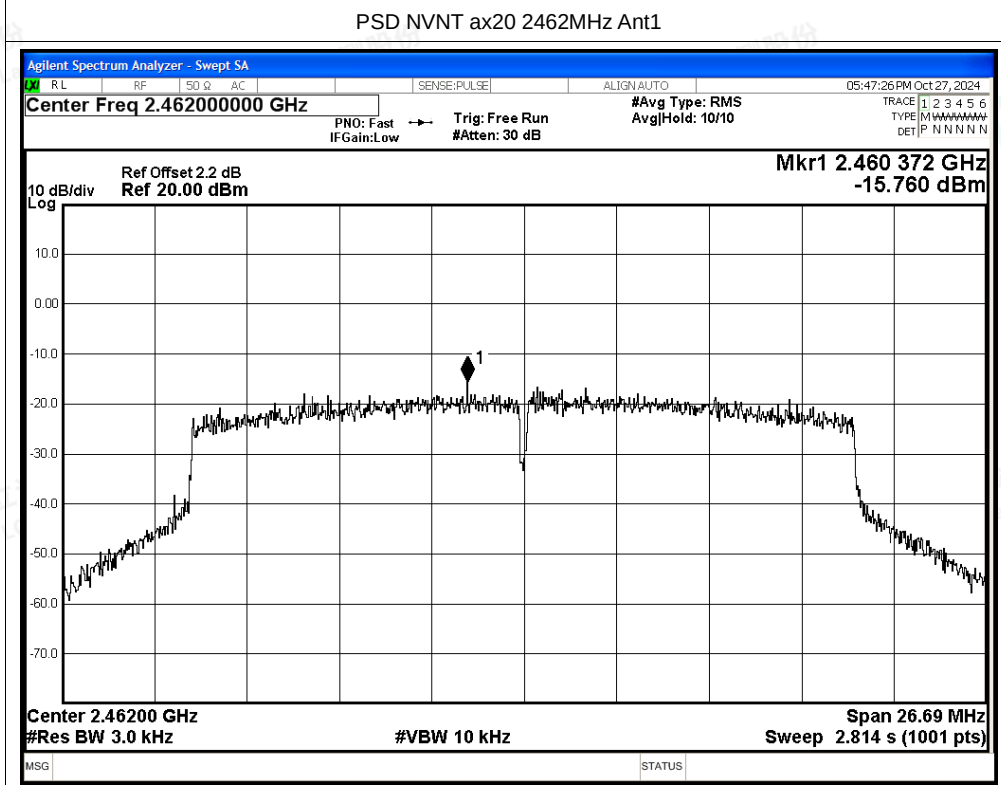
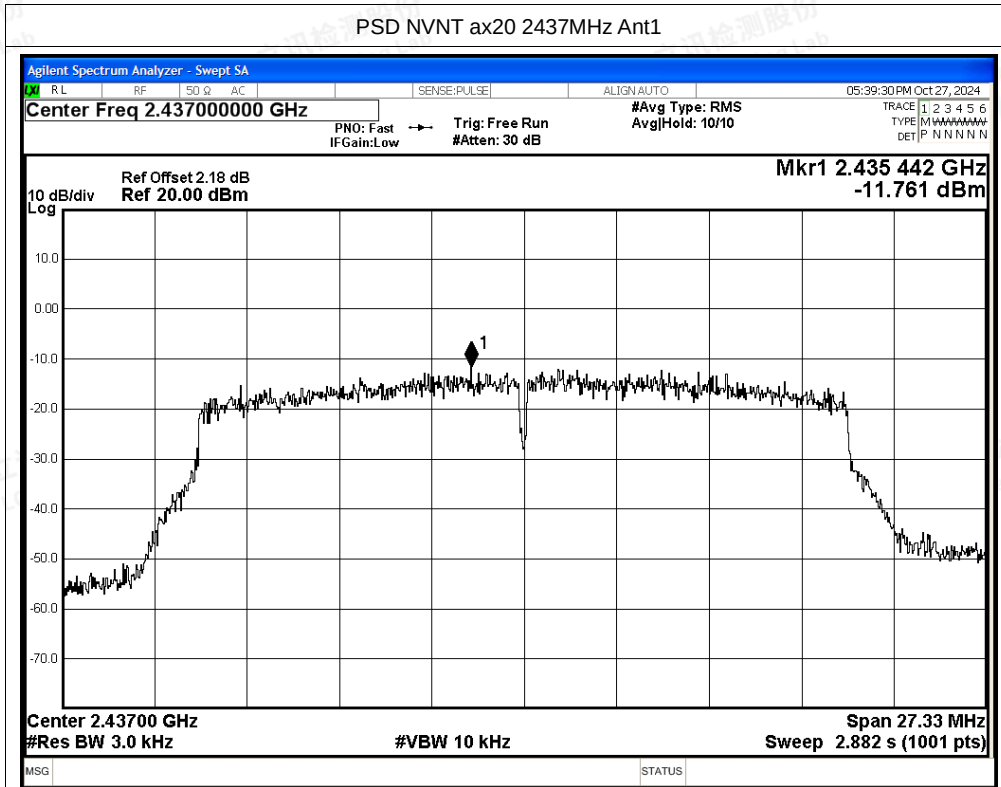


PSD NVNT g 2462MHz Ant1









**802.11ax OFDMA-(26 Tone)**

Condition	Mode	Frequency (MHz)	Antenna	Conducted PSD (dBm/3kHz)	Limit (dBm/3kHz)	Verdict
NVNT	ax20	2412	Ant1	-15.32	8	Pass
NVNT	ax20	2437	Ant1	-12.88	8	Pass
NVNT	ax20	2462	Ant1	-16.92	8	Pass

802.11ax OFDMA-(52 Tone)

Condition	Mode	Frequency (MHz)	Antenna	Conducted PSD (dBm/3kHz)	Limit (dBm/3kHz)	Verdict
NVNT	ax20	2412	Ant1	-15.32	8	Pass
NVNT	ax20	2437	Ant1	-12.83	8	Pass
NVNT	ax20	2462	Ant1	-16.80	8	Pass

802.11ax OFDMA-(106 Tone)

Condition	Mode	Frequency (MHz)	Antenna	Conducted PSD (dBm/3kHz)	Limit (dBm/3kHz)	Verdict
NVNT	ax20	2412	Ant1	-15.35	8	Pass
NVNT	ax20	2437	Ant1	-12.80	8	Pass
NVNT	ax20	2462	Ant1	-16.79	8	Pass

802.11ax OFDMA-(242 Tone)

Condition	Mode	Frequency (MHz)	Antenna	Conducted PSD (dBm/3kHz)	Limit (dBm/3kHz)	Verdict
NVNT	ax20	2412	Ant1	-15.32	8	Pass
NVNT	ax20	2437	Ant1	-12.85	8	Pass
NVNT	ax20	2462	Ant1	-16.87	8	Pass





B.4 Band Edge

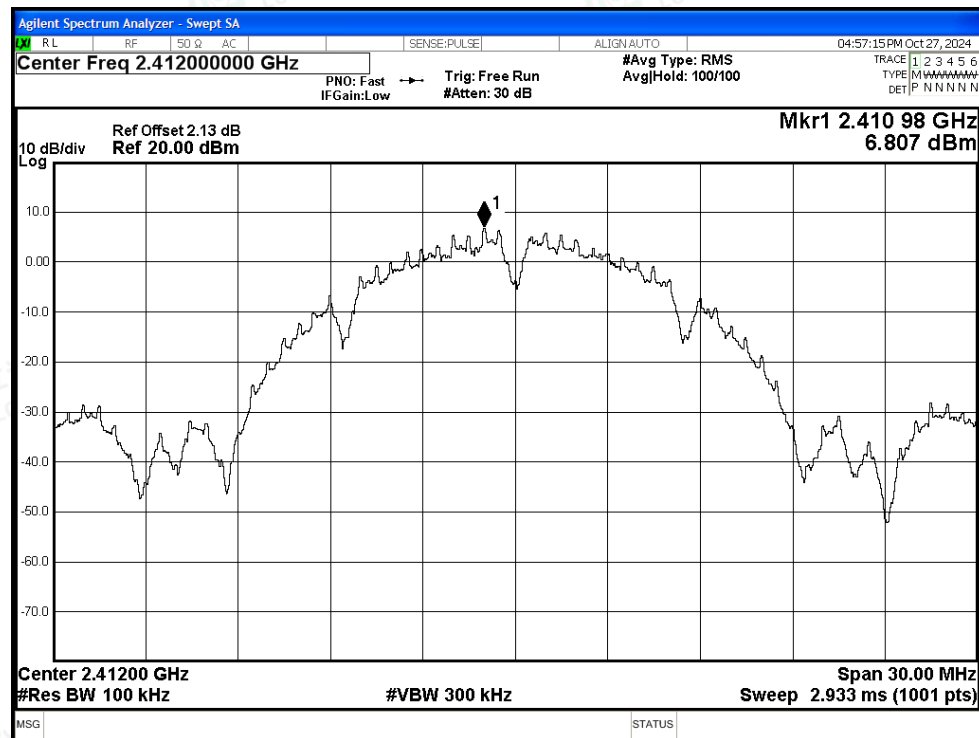
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NVNT	b	2412	Ant1	-37.72	-20	Pass
NVNT	b	2462	Ant1	-57.43	-20	Pass
NVNT	g	2412	Ant1	-38.27	-20	Pass
NVNT	g	2462	Ant1	-43.44	-20	Pass
NVNT	n20	2412	Ant1	-33.78	-20	Pass
NVNT	n20	2462	Ant1	-45.67	-20	Pass
NVNT	ax20	2412	Ant1	-31.67	-20	Pass
NVNT	ax20	2462	Ant1	-43.53	-20	Pass



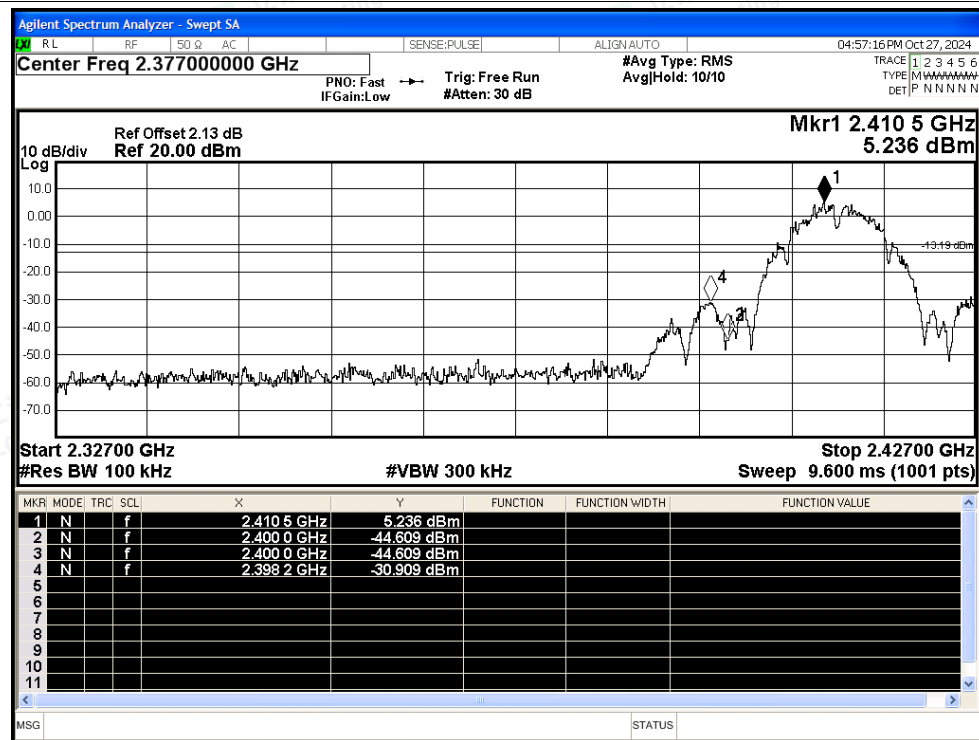


Test Graphs

Band Edge NVNT b 2412MHz Ant1 Ref



Band Edge NVNT b 2412MHz Ant1 Emission



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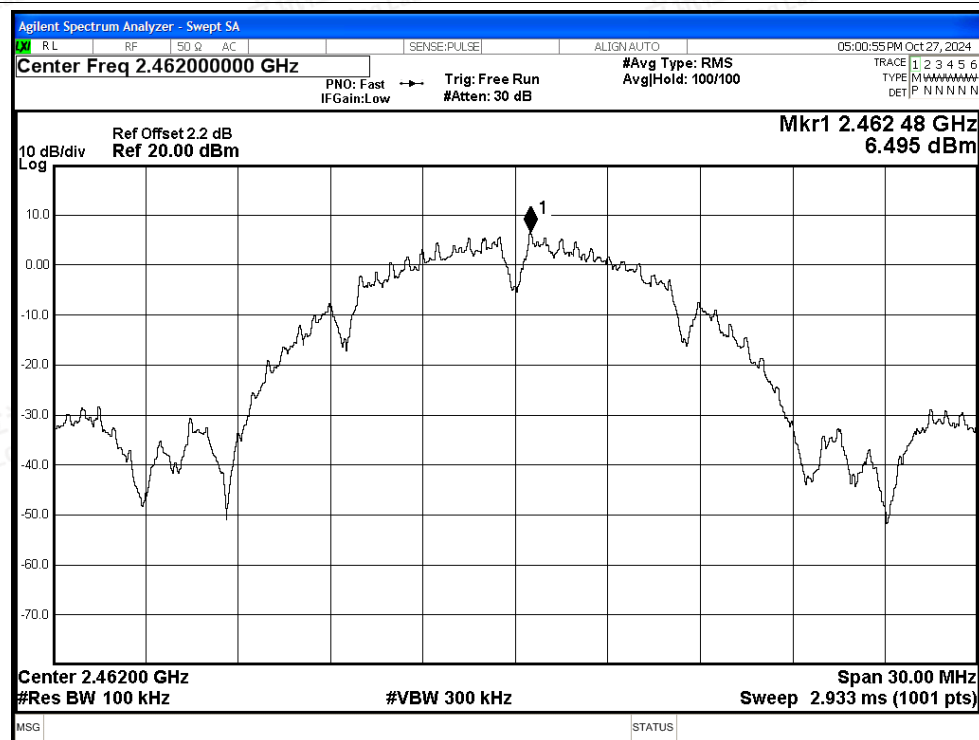
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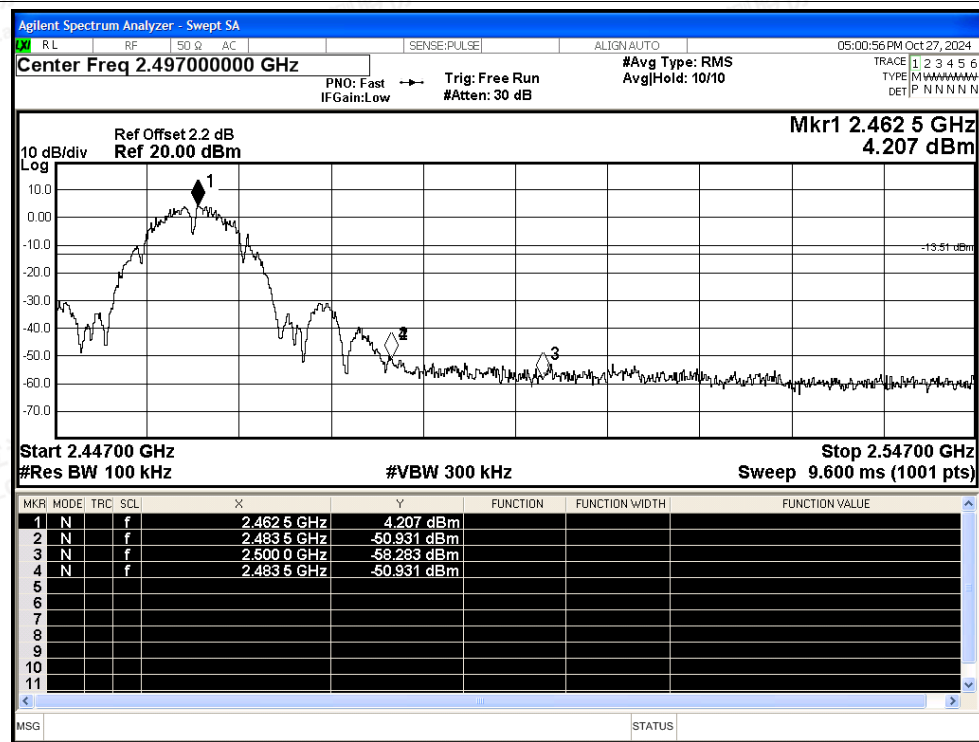
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Band Edge NVNT b 2462MHz Ant1 Ref



Band Edge NVNT b 2462MHz Ant1 Emission



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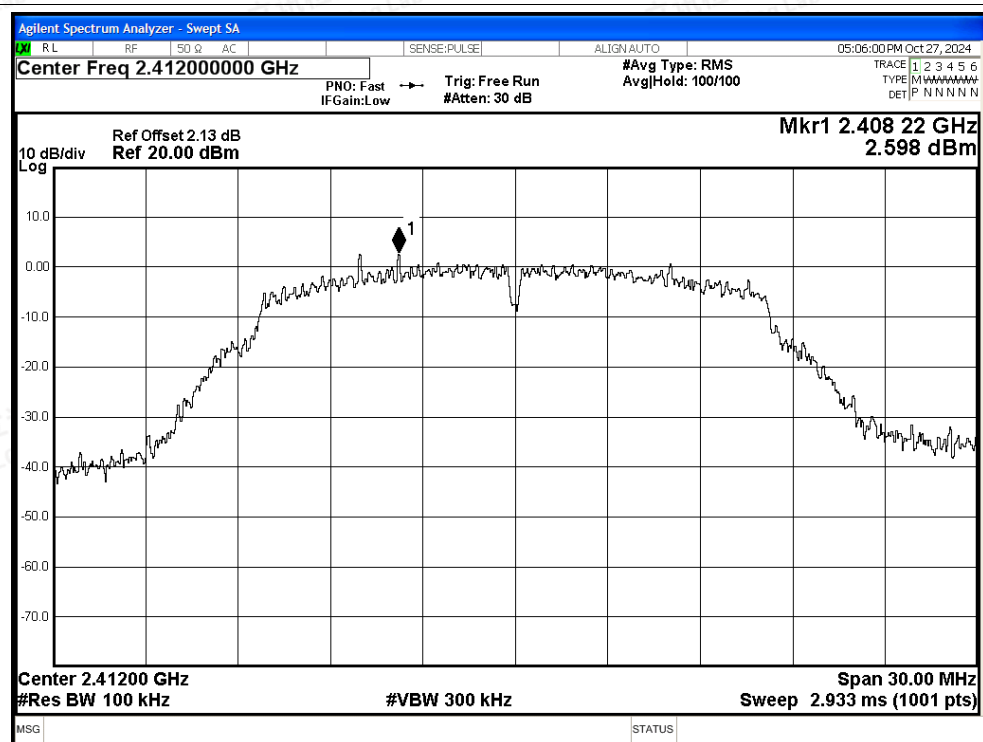
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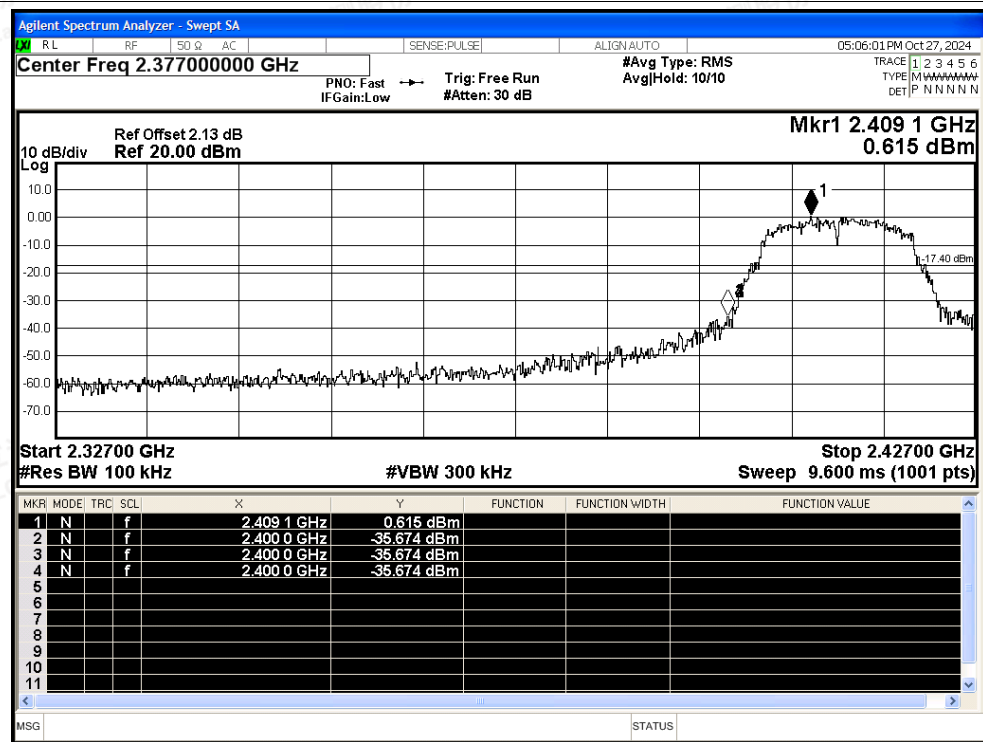
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Band Edge NVNT g 2412MHz Ant1 Ref



Band Edge NVNT g 2412MHz Ant1 Emission



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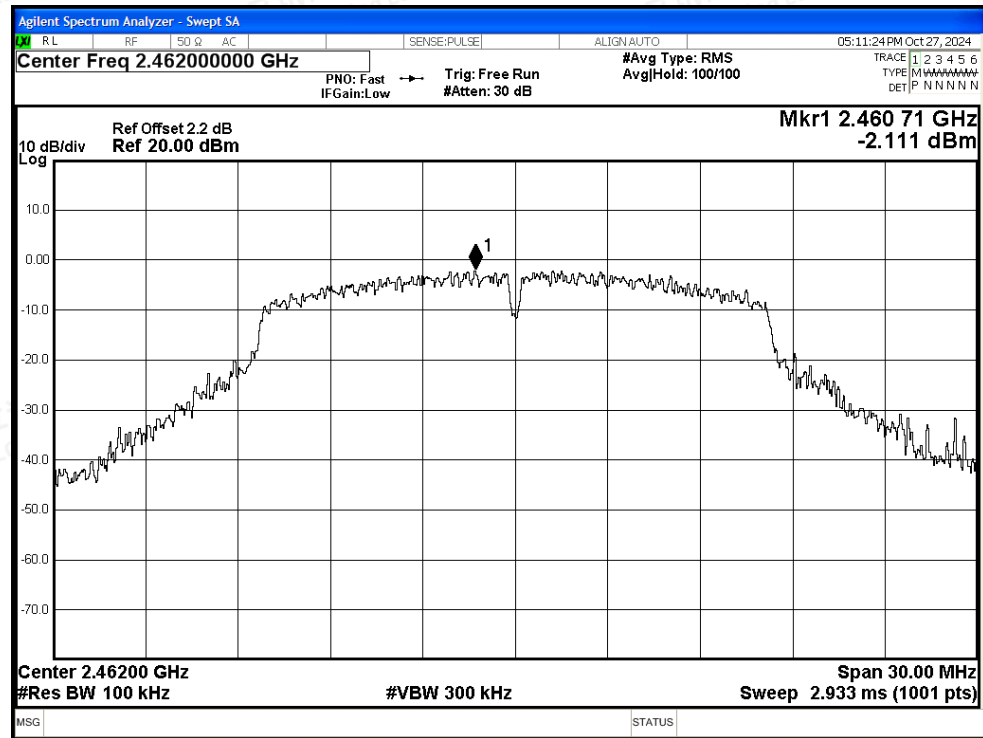
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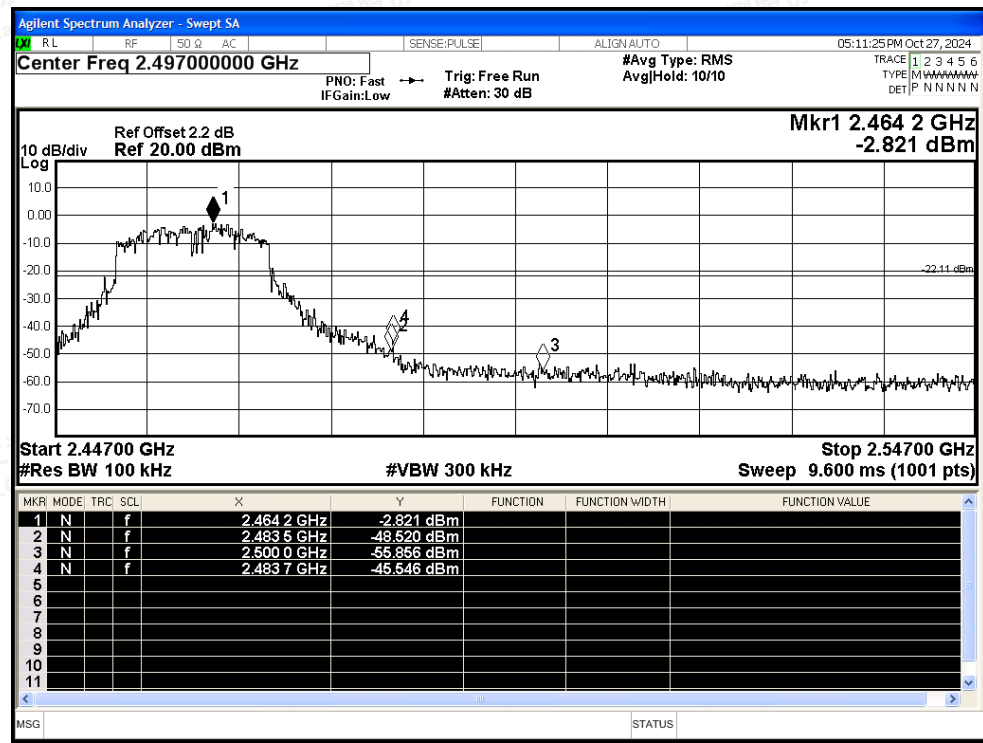
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Band Edge NVNT g 2462MHz Ant1 Ref



Band Edge NVNT g 2462MHz Ant1 Emission



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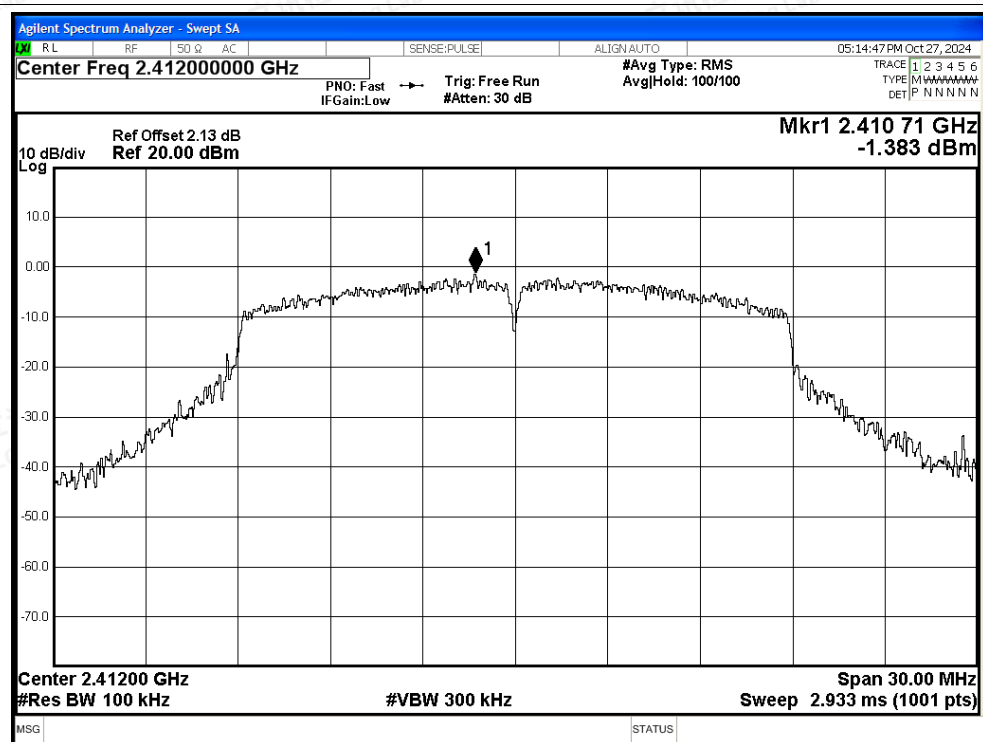
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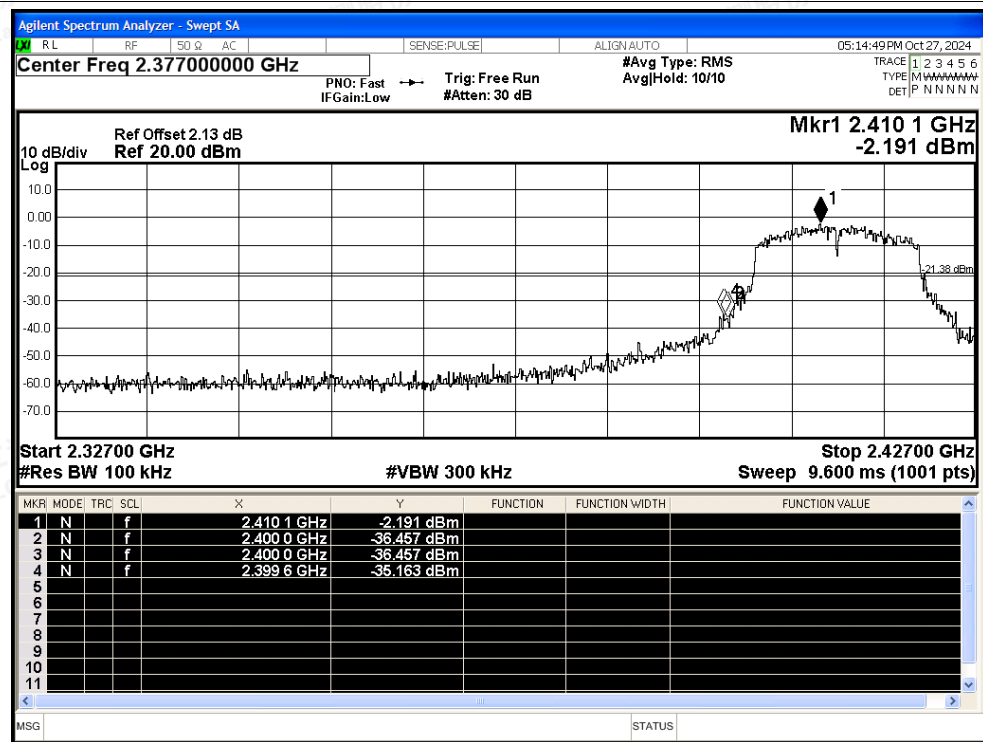
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Band Edge NVNT n20 2412MHz Ant1 Ref

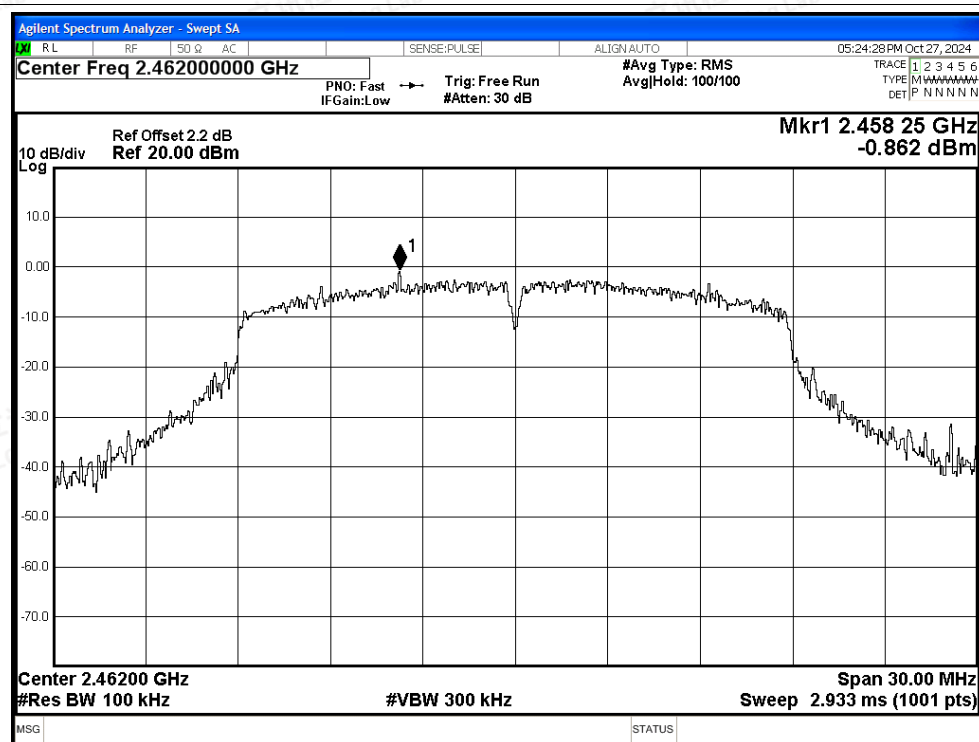


Band Edge NVNT n20 2412MHz Ant1 Emission

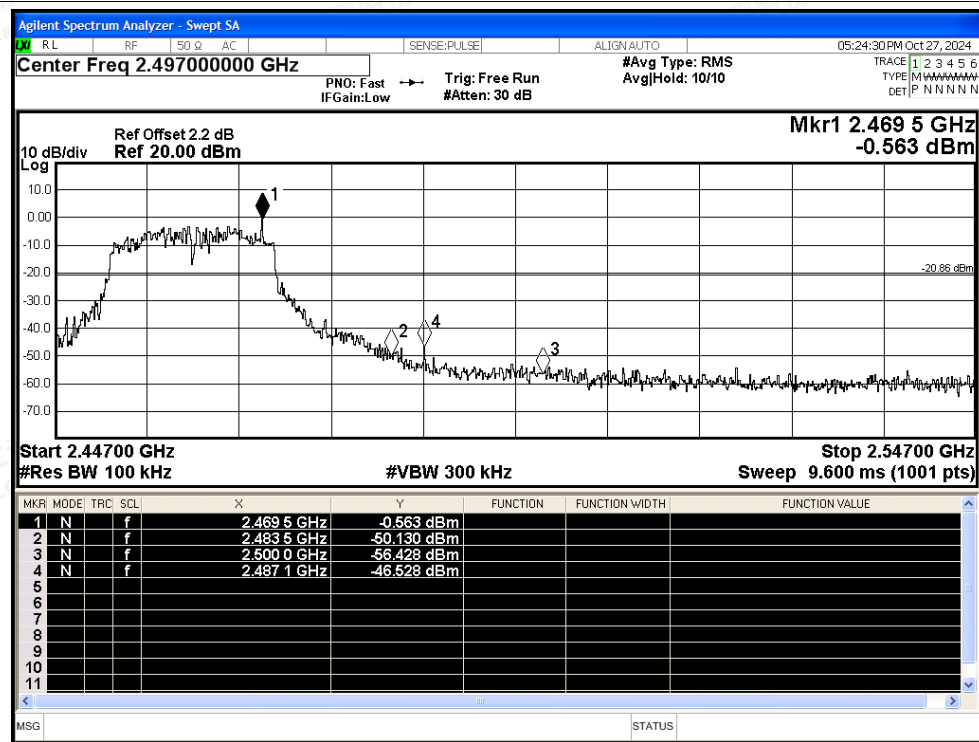




Band Edge NVNT n20 2462MHz Ant1 Ref



Band Edge NVNT n20 2462MHz Ant1 Emission



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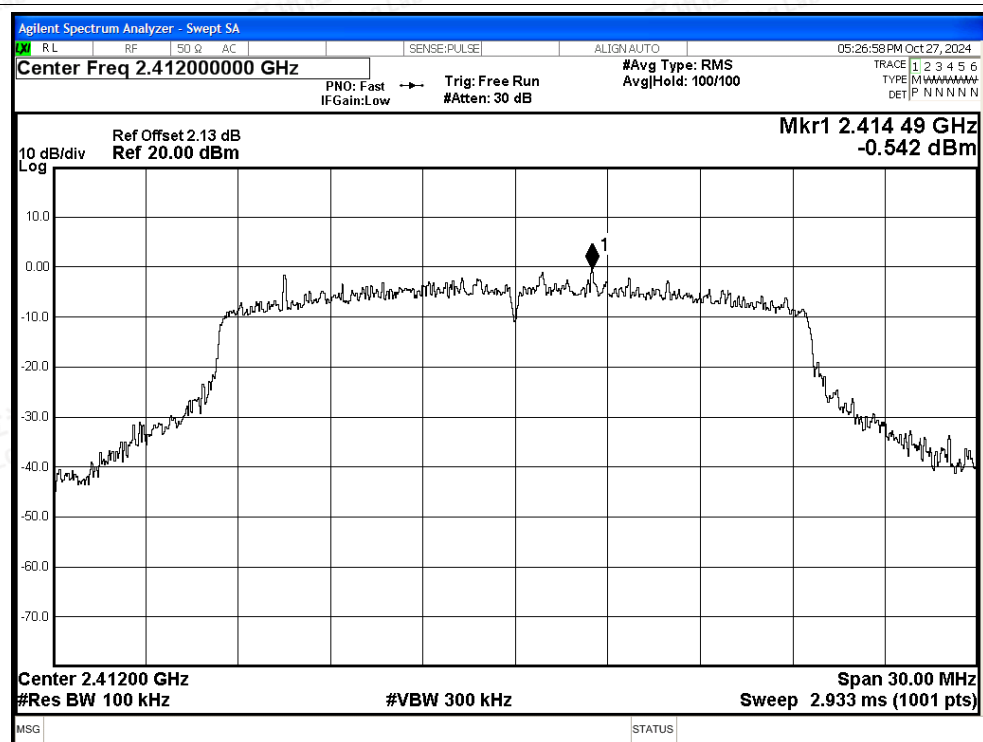
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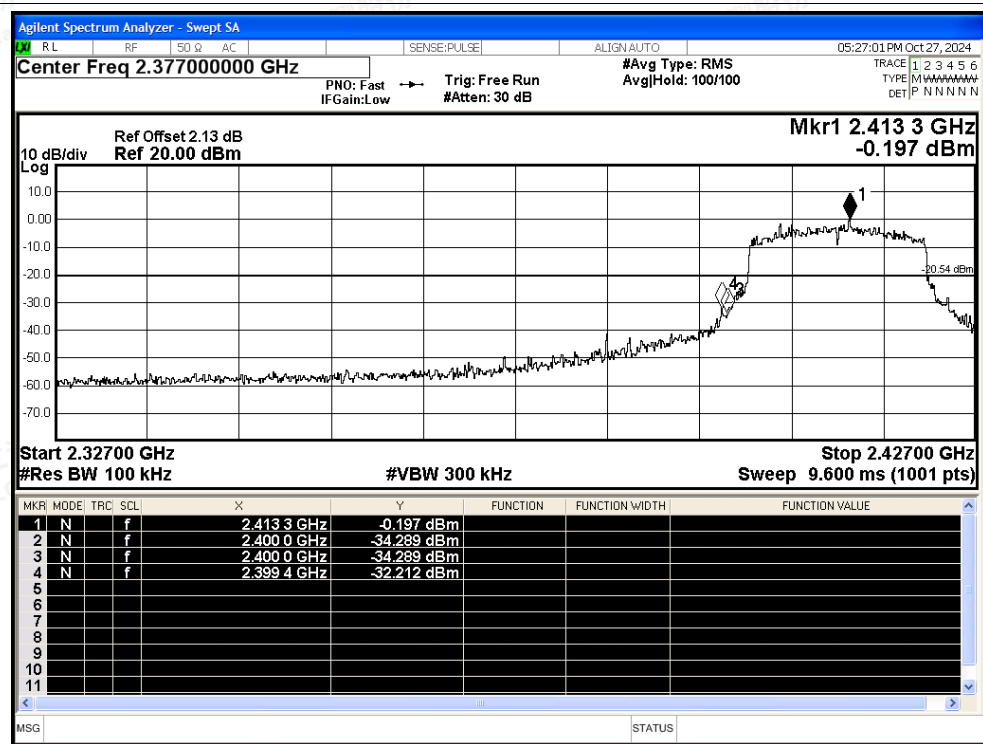
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Band Edge NVNT ax20 2412MHz Ant1 Ref

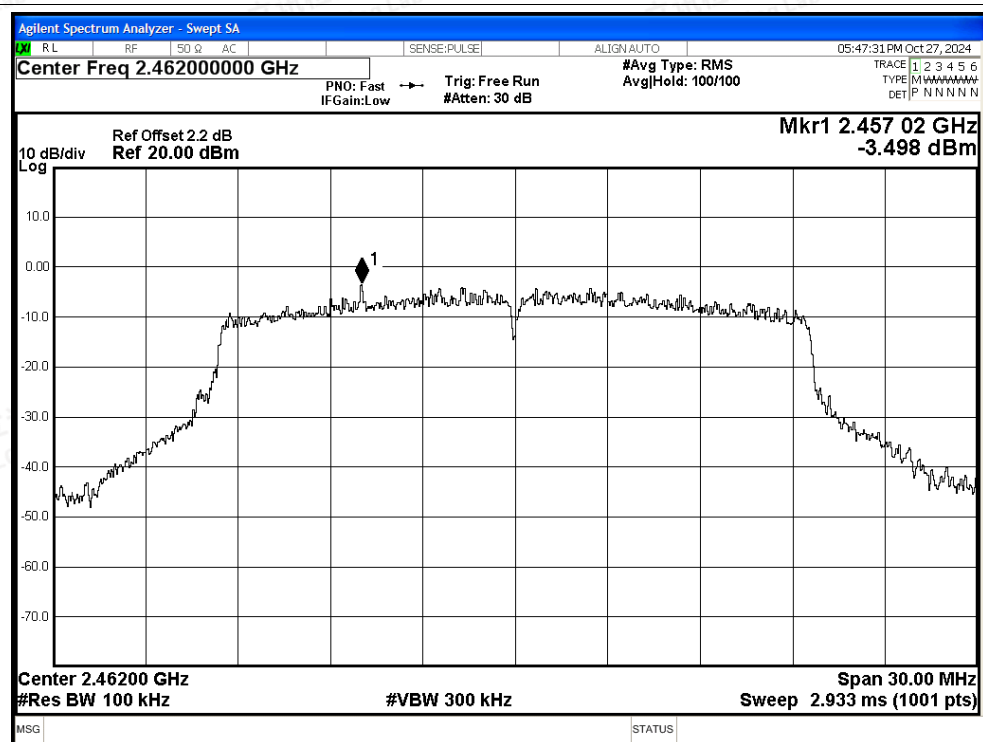


Band Edge NVNT ax20 2412MHz Ant1 Emission

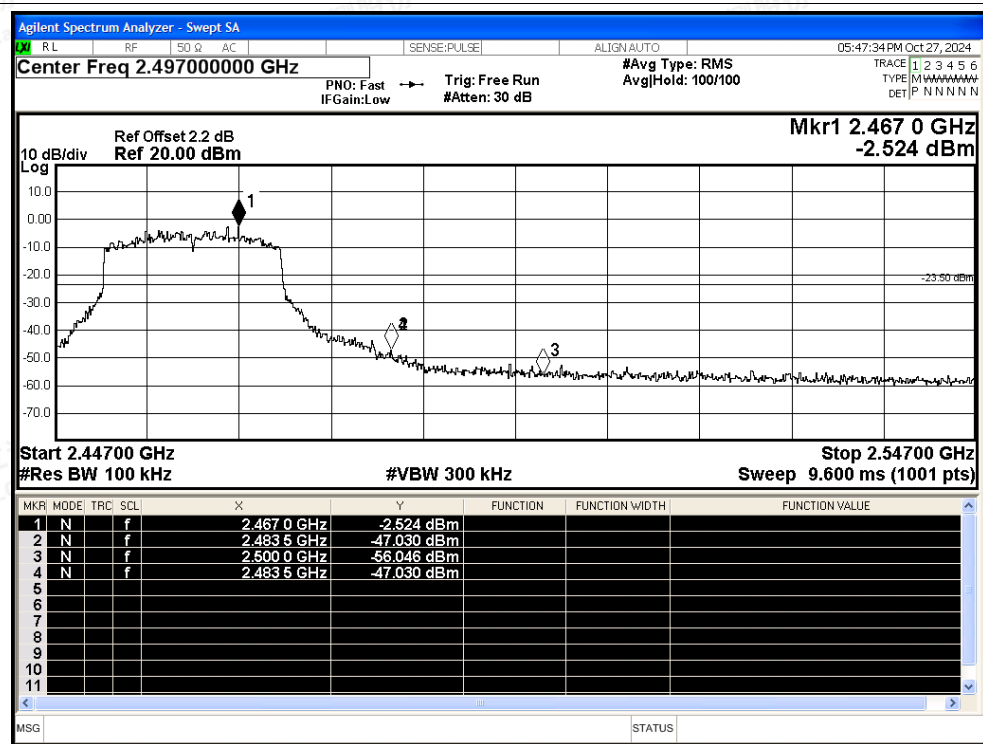




Band Edge NVNT ax20 2462MHz Ant1 Ref



Band Edge NVNT ax20 2462MHz Ant1 Emission



**802.11ax OFDMA-(26 Tone)**

Condition	Mode	Frequency (MHz)	Antenna	Max Value (dBc)	Limit (dBc)	Verdict
NVNT	ax20	2412	Ant1	-32.74	-20	Pass
NVNT	ax20	2462	Ant1	-44.63	-20	Pass

802.11ax OFDMA-(52 Tone)

Condition	Mode	Frequency (MHz)	Antenna	Max Value (dBc)	Limit (dBc)	Verdict
NVNT	ax20	2412	Ant1	-32.75	-20	Pass
NVNT	ax20	2462	Ant1	-44.70	-20	Pass

802.11ax OFDMA-(106 Tone)

Condition	Mode	Frequency (MHz)	Antenna	Max Value (dBc)	Limit (dBc)	Verdict
NVNT	ax20	2412	Ant1	-32.85	-20	Pass
NVNT	ax20	2462	Ant1	-44.72	-20	Pass

802.11ax OFDMA-(242 Tone)

Condition	Mode	Frequency (MHz)	Antenna	Max Value (dBc)	Limit (dBc)	Verdict
NVNT	ax20	2412	Ant1	-32.71	-20	Pass
NVNT	ax20	2462	Ant1	-44.67	-20	Pass





B.5 Conducted RF Spurious Emission

Condition	Mode	Frequency (MHz)	Antenna	Max Value (dBc)	Limit (dBc)	Verdict
NVNT	b	2412	Ant1	-46.49	-20	Pass
NVNT	b	2437	Ant1	-46.46	-20	Pass
NVNT	b	2462	Ant1	-48.47	-20	Pass
NVNT	g	2412	Ant1	-44.3	-20	Pass
NVNT	g	2437	Ant1	-43.75	-20	Pass
NVNT	g	2462	Ant1	-44.66	-20	Pass
NVNT	n20	2412	Ant1	-43.59	-20	Pass
NVNT	n20	2437	Ant1	-44.89	-20	Pass
NVNT	n20	2462	Ant1	-45.26	-20	Pass
NVNT	ax20	2412	Ant1	-44.42	-20	Pass
NVNT	ax20	2437	Ant1	-45.7	-20	Pass
NVNT	ax20	2462	Ant1	-41.64	-20	Pass

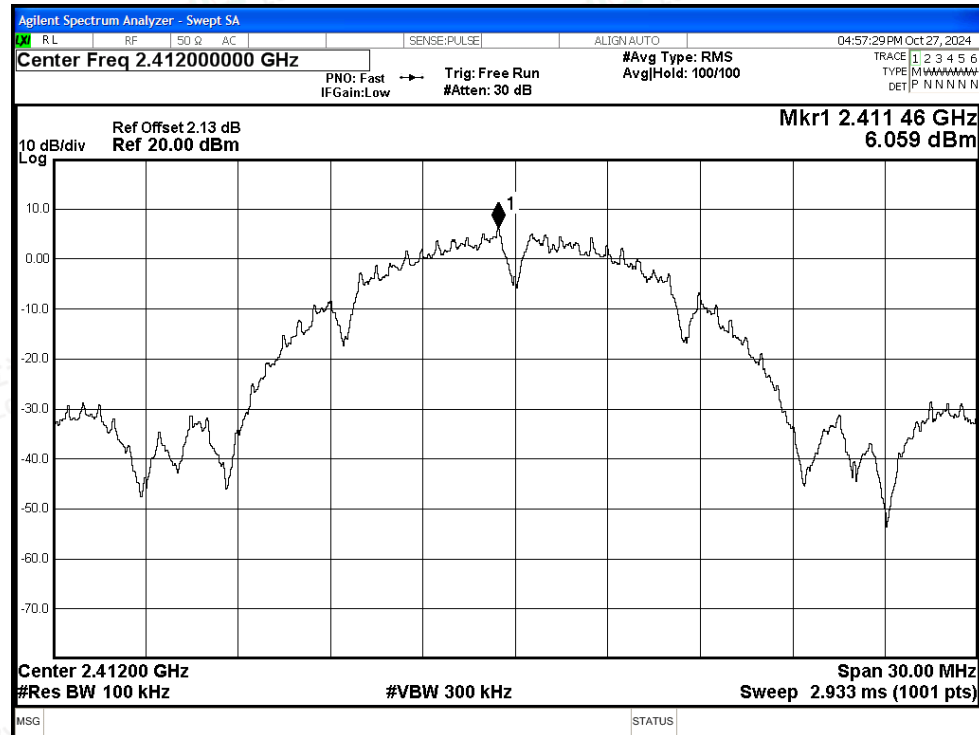


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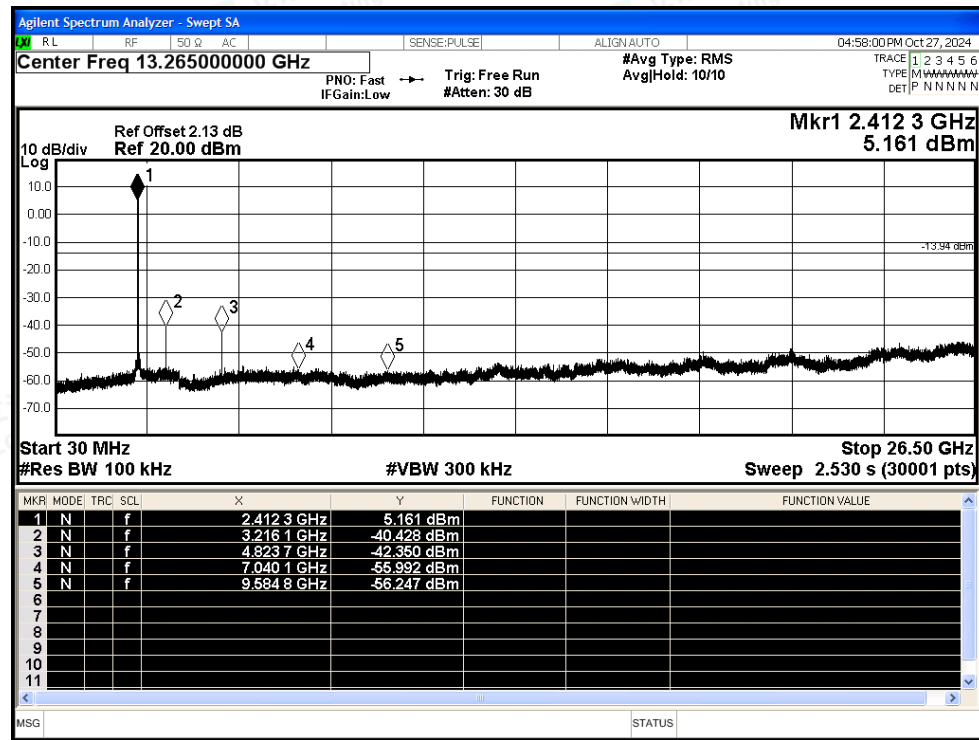


Test Graphs

Tx. Spurious NVNT b 2412MHz Ant1 Ref

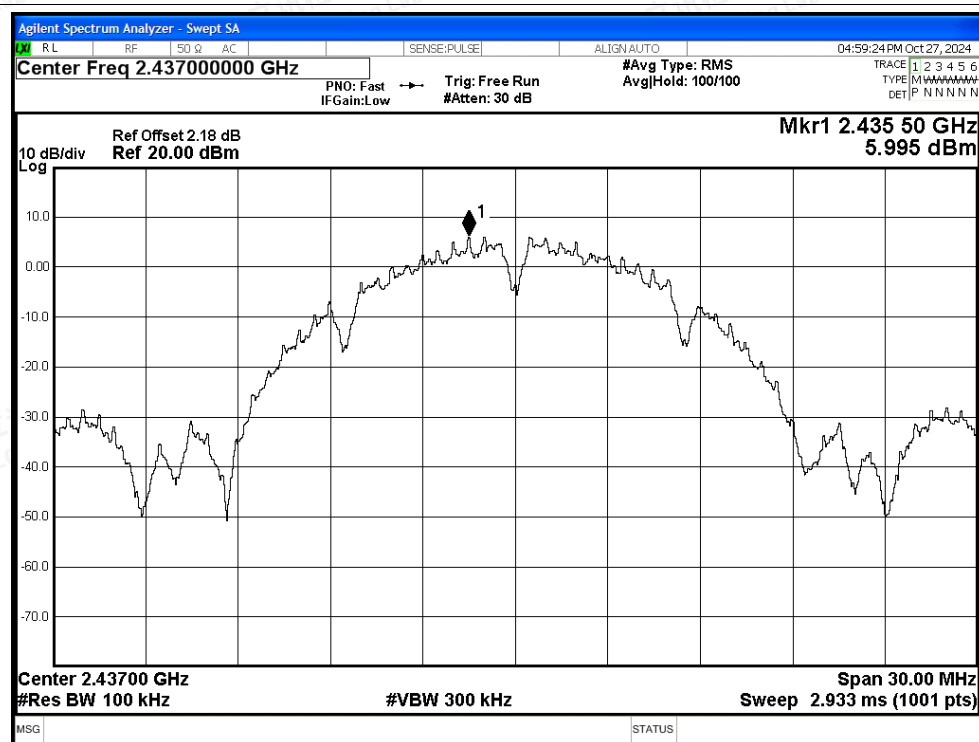


Tx. Spurious NVNT b 2412MHz Ant1 Emission

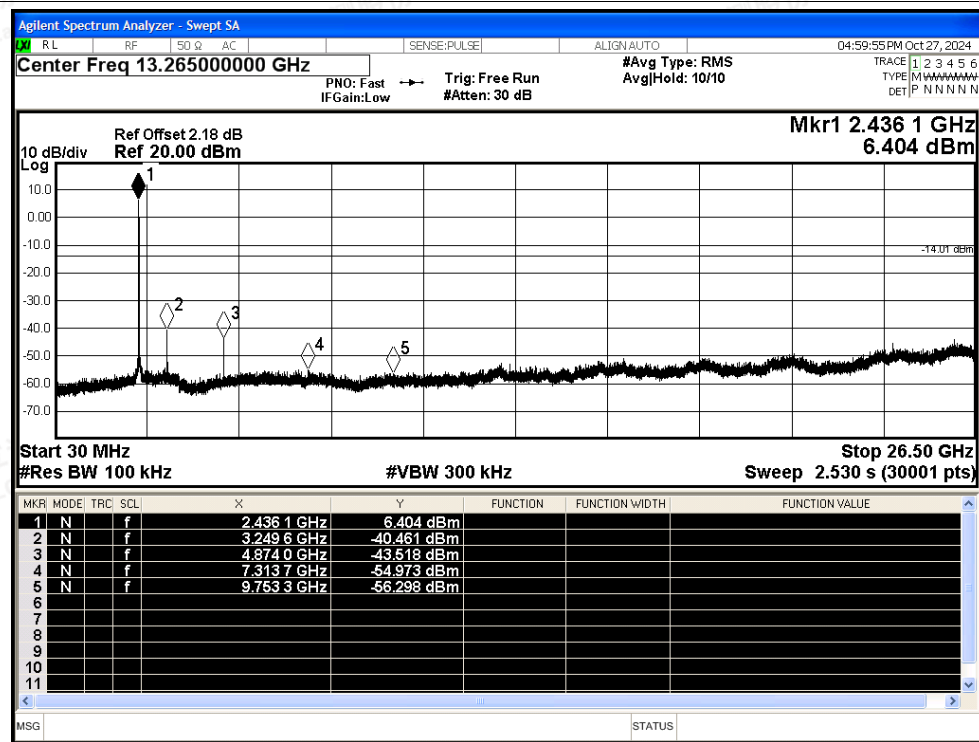




Tx. Spurious NVNT b 2437MHz Ant1 Ref



Tx. Spurious NVNT b 2437MHz Ant1 Emission



Shenzhen LCS Compliance Testing Laboratory Ltd.

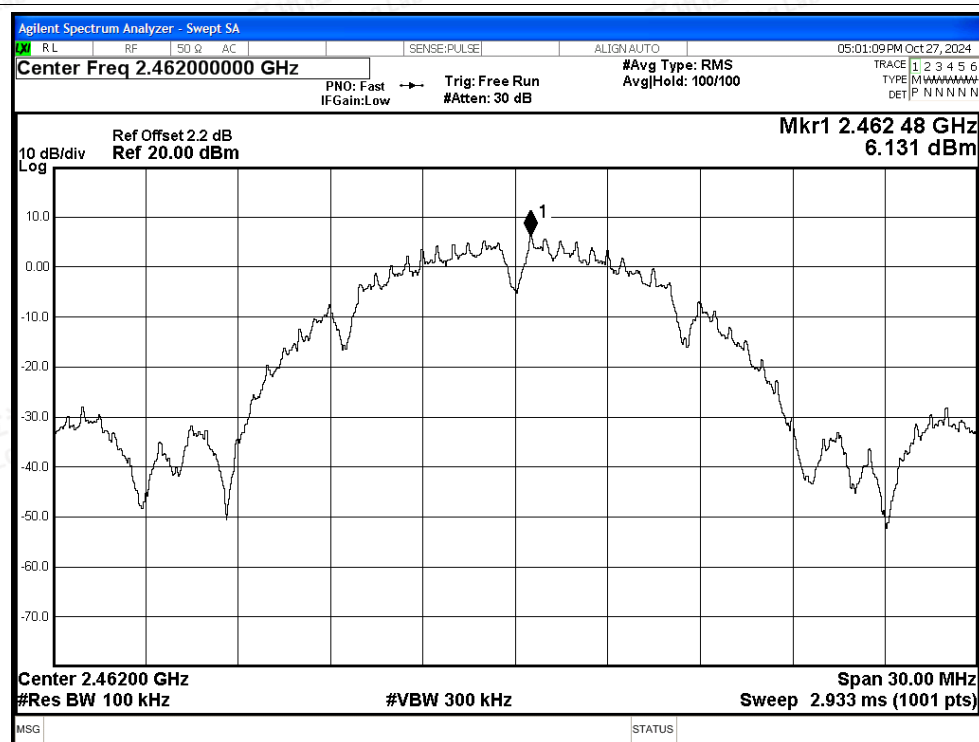
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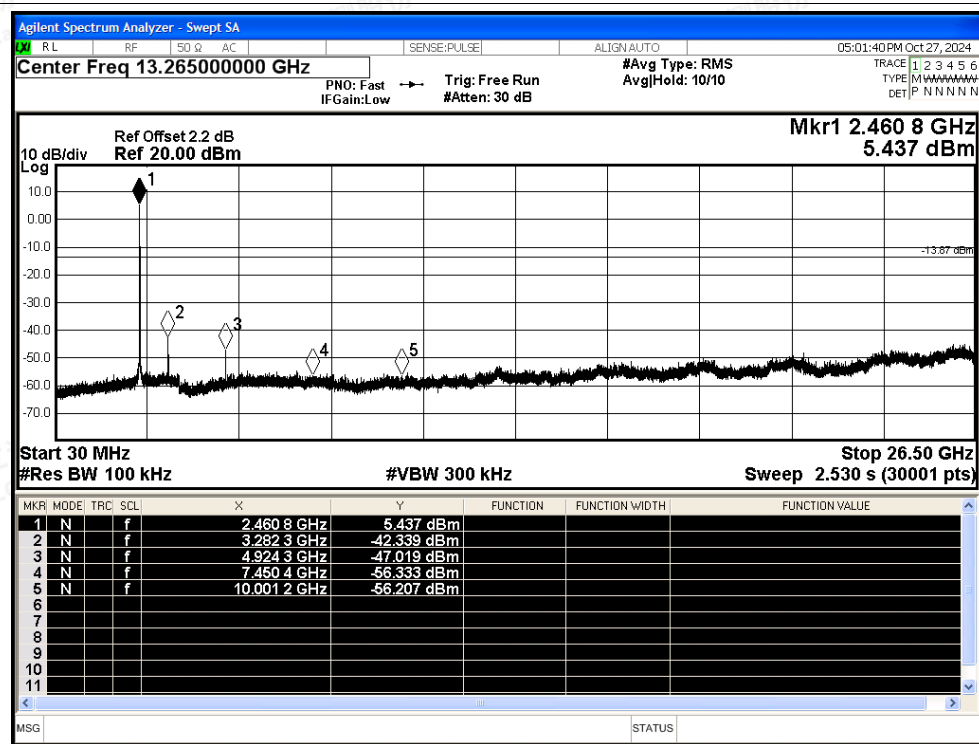
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Tx. Spurious NVNT b 2462MHz Ant1 Ref



Tx. Spurious NVNT b 2462MHz Ant1 Emission



Shenzhen LCS Compliance Testing Laboratory Ltd.

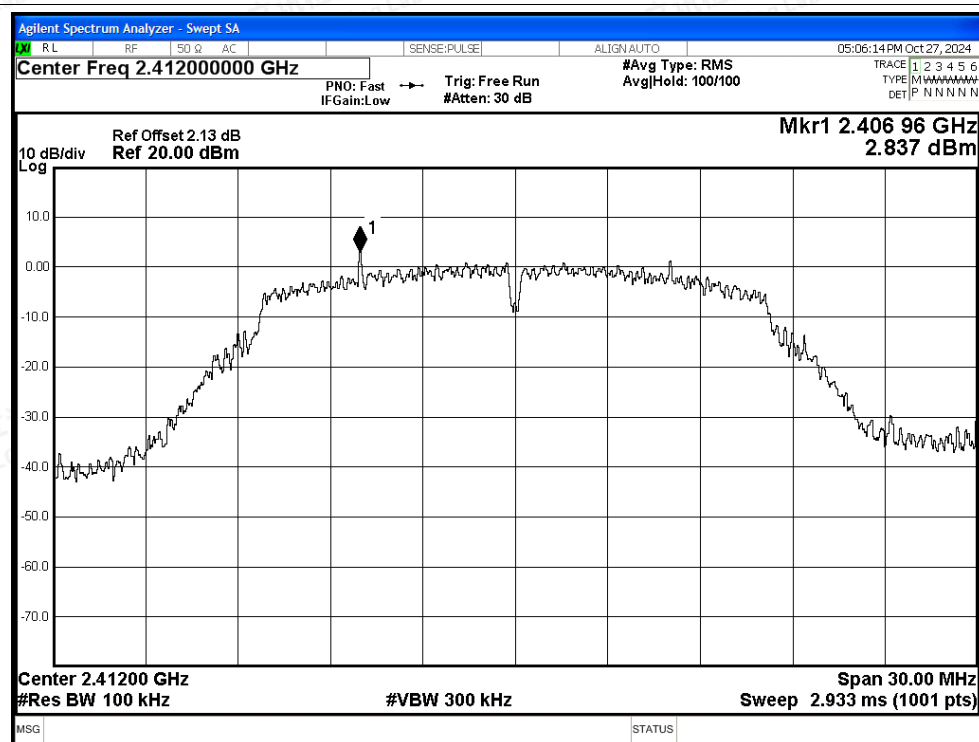
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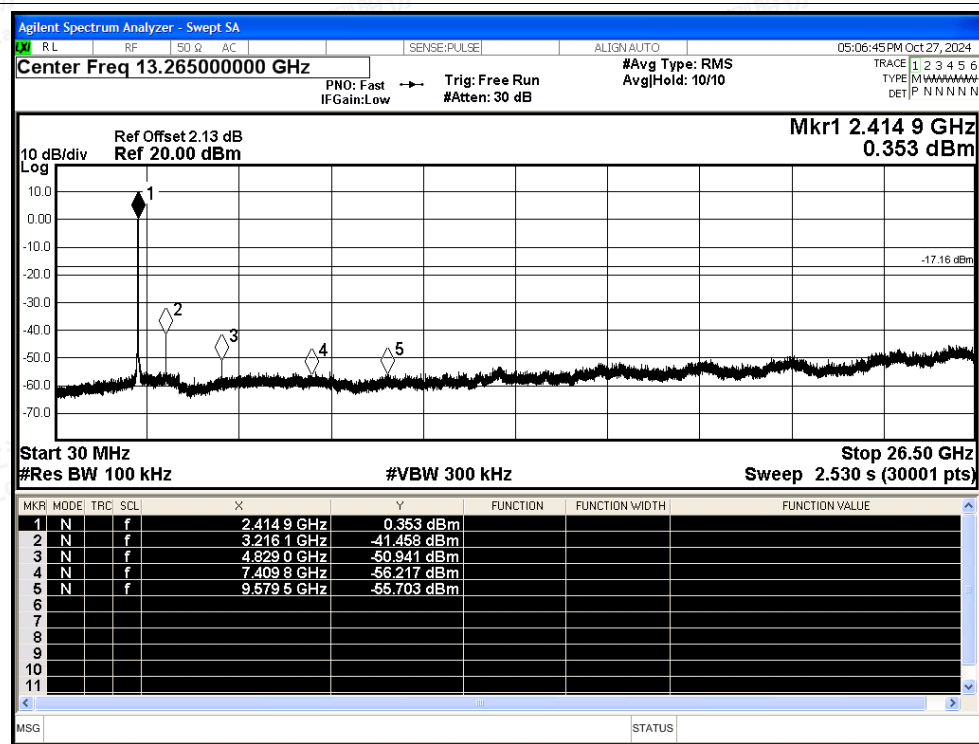
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Tx. Spurious NVNT g 2412MHz Ant1 Ref



Tx. Spurious NVNT g 2412MHz Ant1 Emission



Shenzhen LCS Compliance Testing Laboratory Ltd.

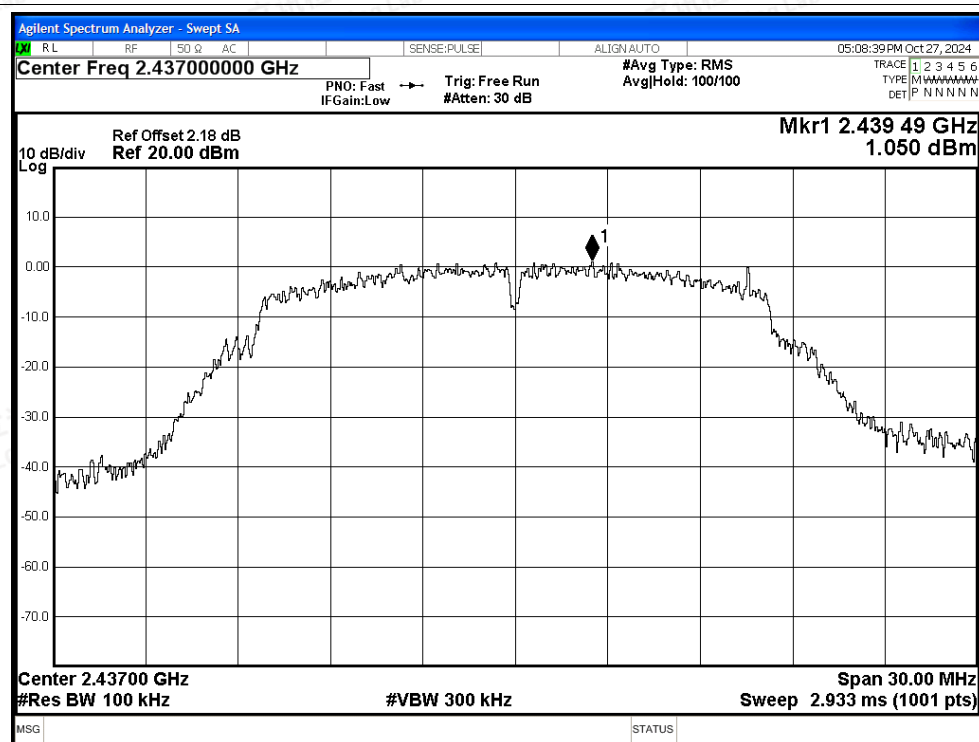
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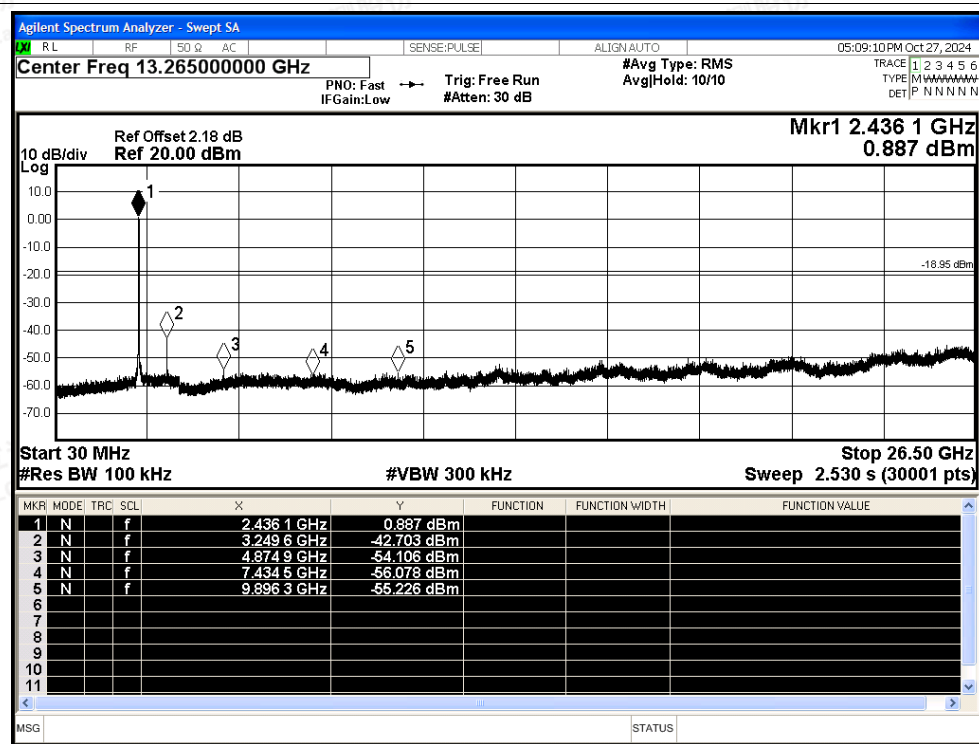
Scan code to check authenticity



Tx. Spurious NVNT g 2437MHz Ant1 Ref



Tx. Spurious NVNT g 2437MHz Ant1 Emission



Shenzhen LCS Compliance Testing Laboratory Ltd.

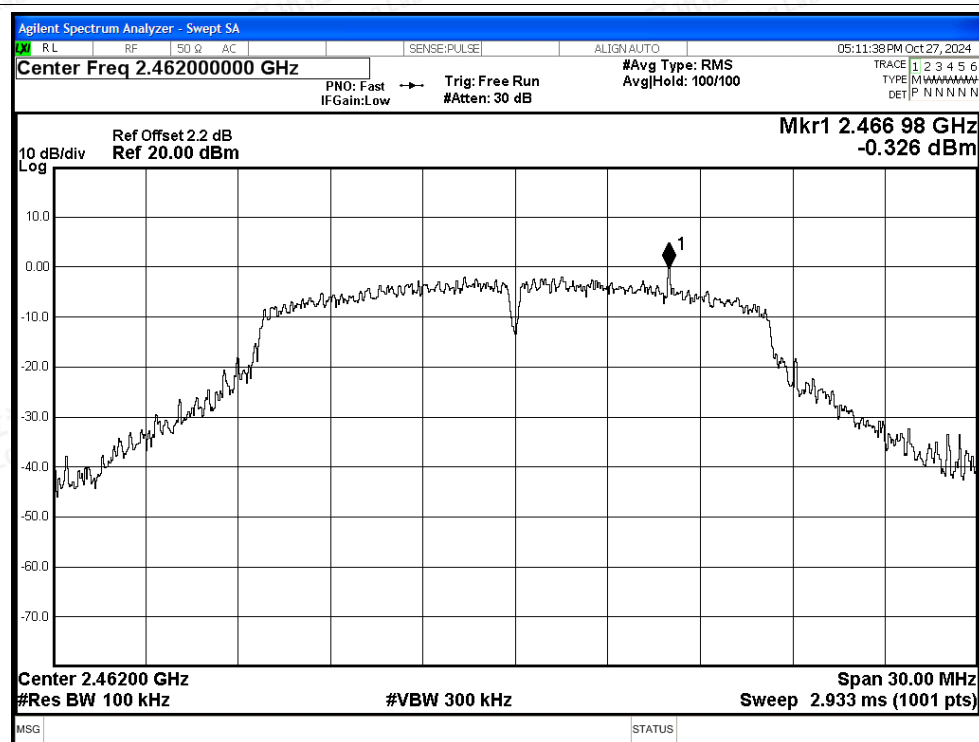
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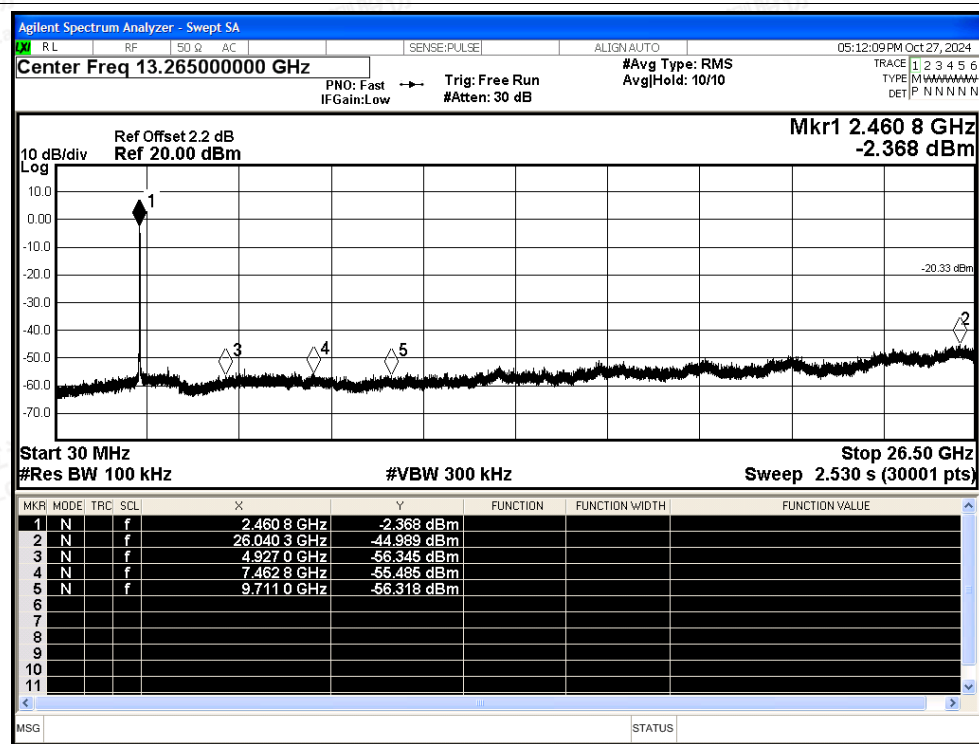
Scan code to check authenticity



Tx. Spurious NVNT g 2462MHz Ant1 Ref



Tx. Spurious NVNT g 2462MHz Ant1 Emission



Shenzhen LCS Compliance Testing Laboratory Ltd.

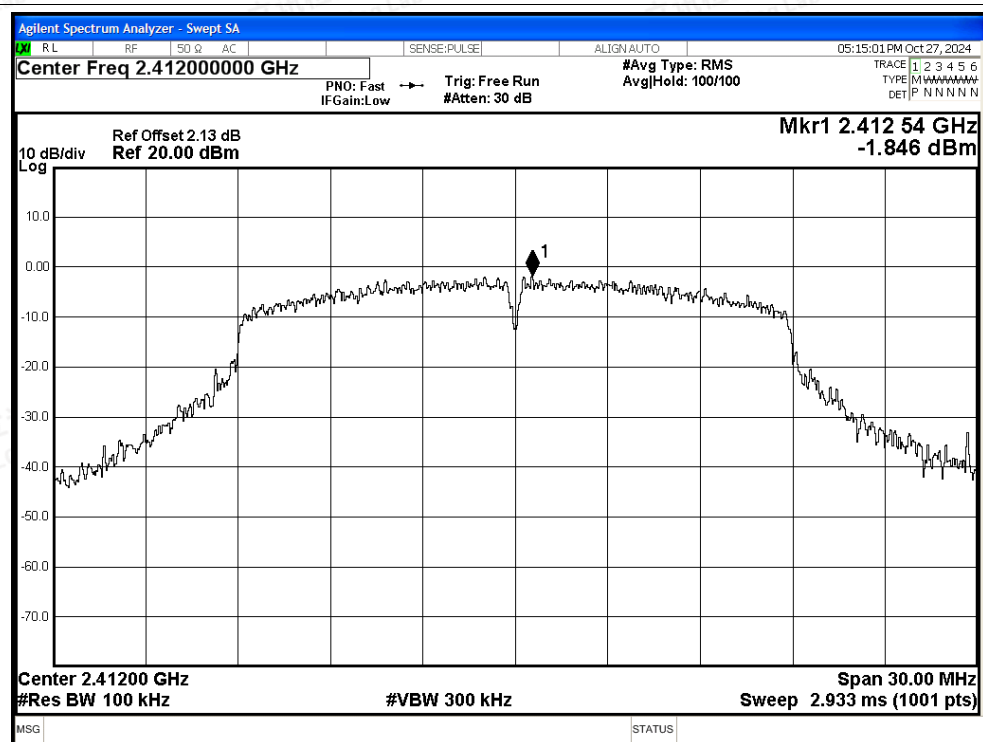
Add: 101, 201 Bldg A & 301 Bldg C, Juji Industrial Park Yabianxueziwei, Shajing Street, Baoan District, Shenzhen, 518000, China

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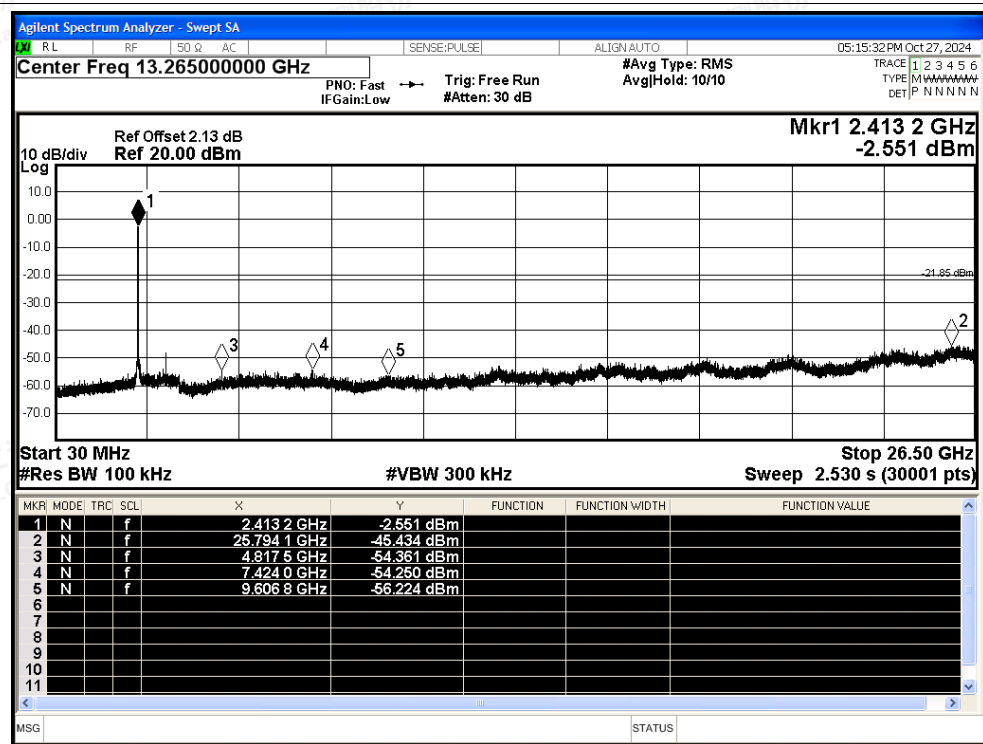
Scan code to check authenticity



Tx. Spurious NVNT n20 2412MHz Ant1 Ref



Tx. Spurious NVNT n20 2412MHz Ant1 Emission



Shenzhen LCS Compliance Testing Laboratory Ltd.

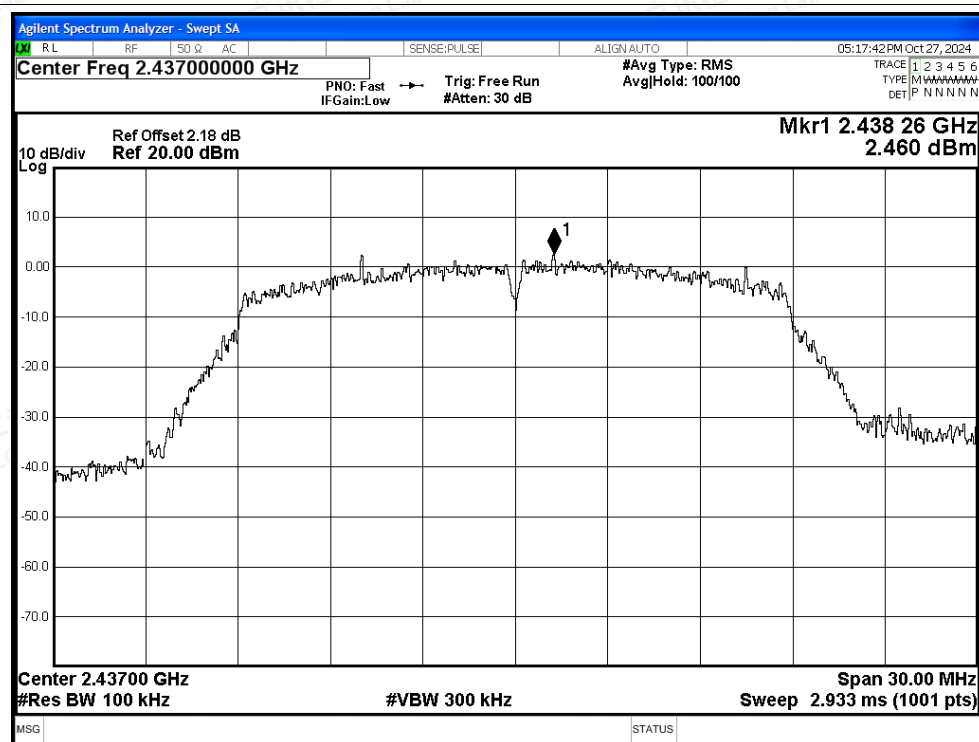
Add: 101, 201 Bldg A & 301 Bldg C, Juji Industrial Park Yabianxueziwei, Shajing Street, Baoan District, Shenzhen, 518000, China

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

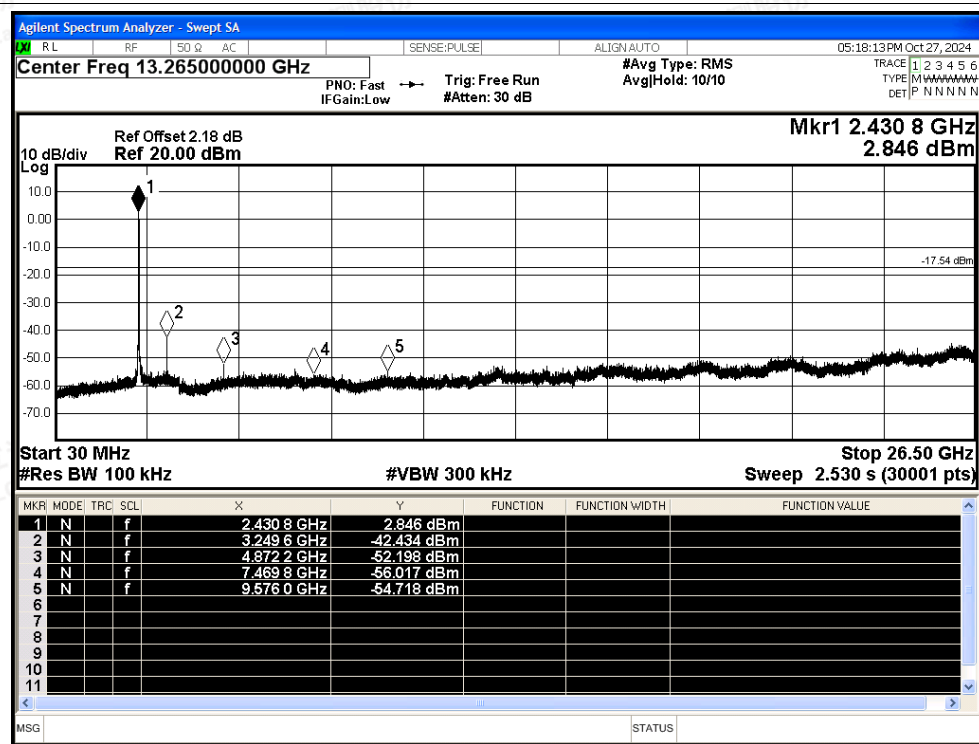
Scan code to check authenticity



Tx. Spurious NVNT n20 2437MHz Ant1 Ref



Tx. Spurious NVNT n20 2437MHz Ant1 Emission



Shenzhen LCS Compliance Testing Laboratory Ltd.

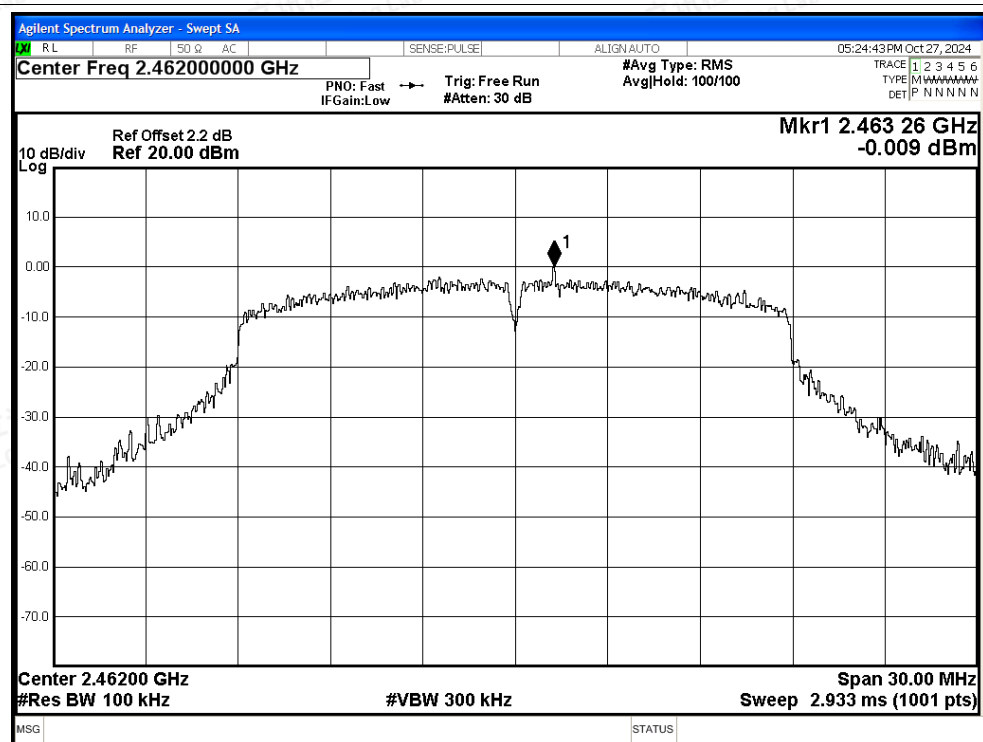
Add: 101, 201 Bldg A & 301 Bldg C, Juji Industrial Park Yabianxueziwei, Shajing Street, Baoan District, Shenzhen, 518000, China

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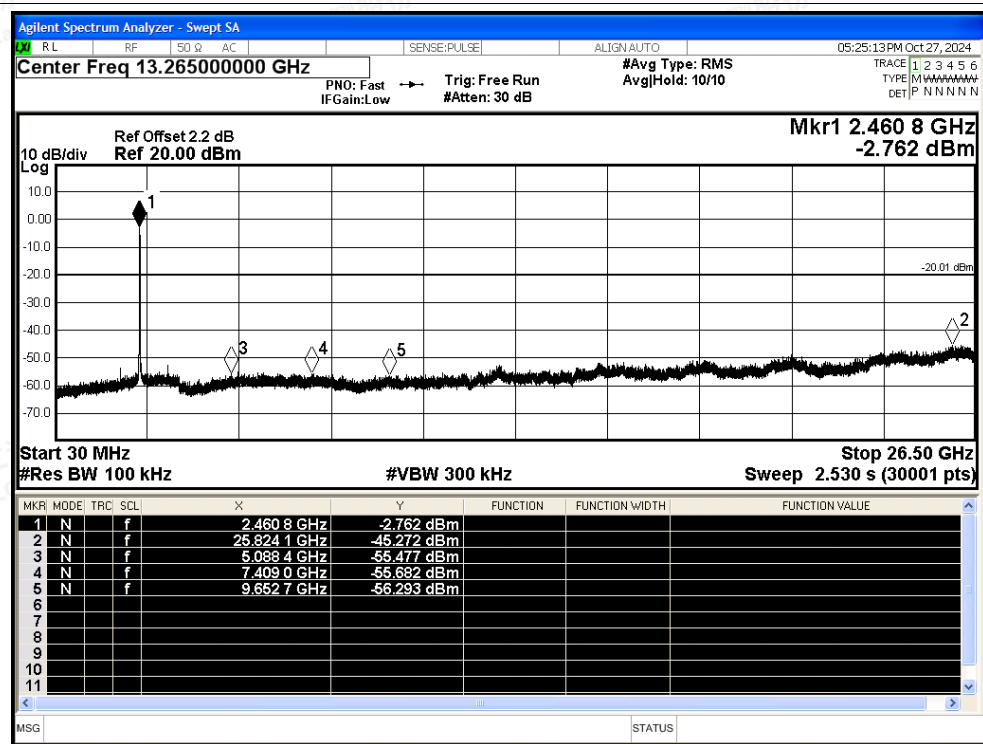
Scan code to check authenticity



Tx. Spurious NVNT n20 2462MHz Ant1 Ref



Tx. Spurious NVNT n20 2462MHz Ant1 Emission



Shenzhen LCS Compliance Testing Laboratory Ltd.

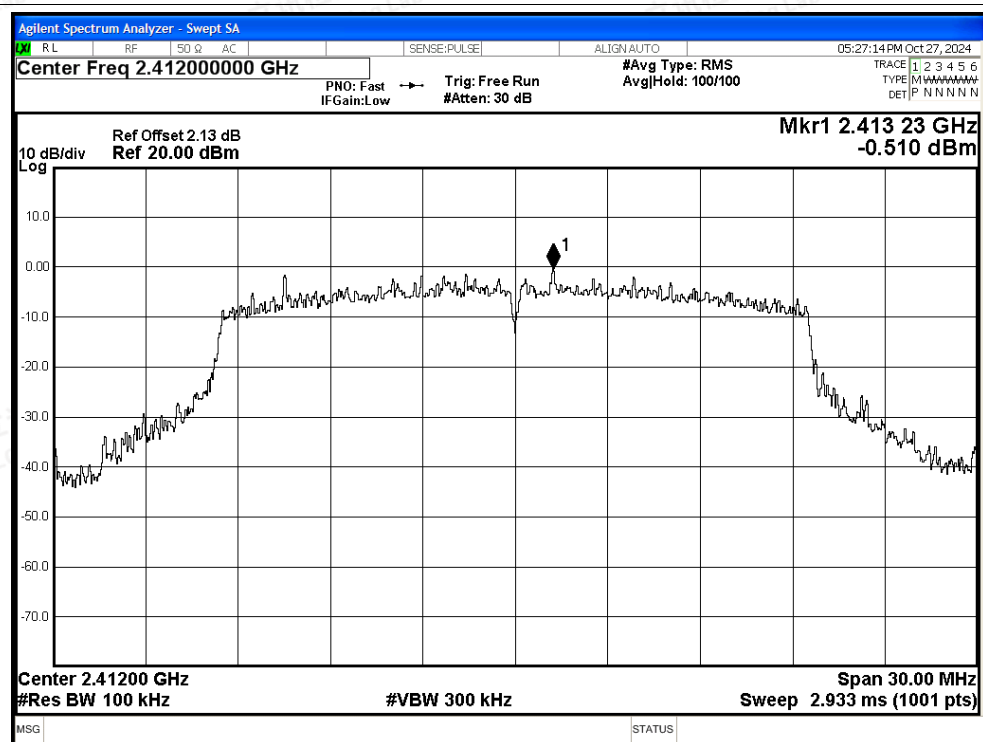
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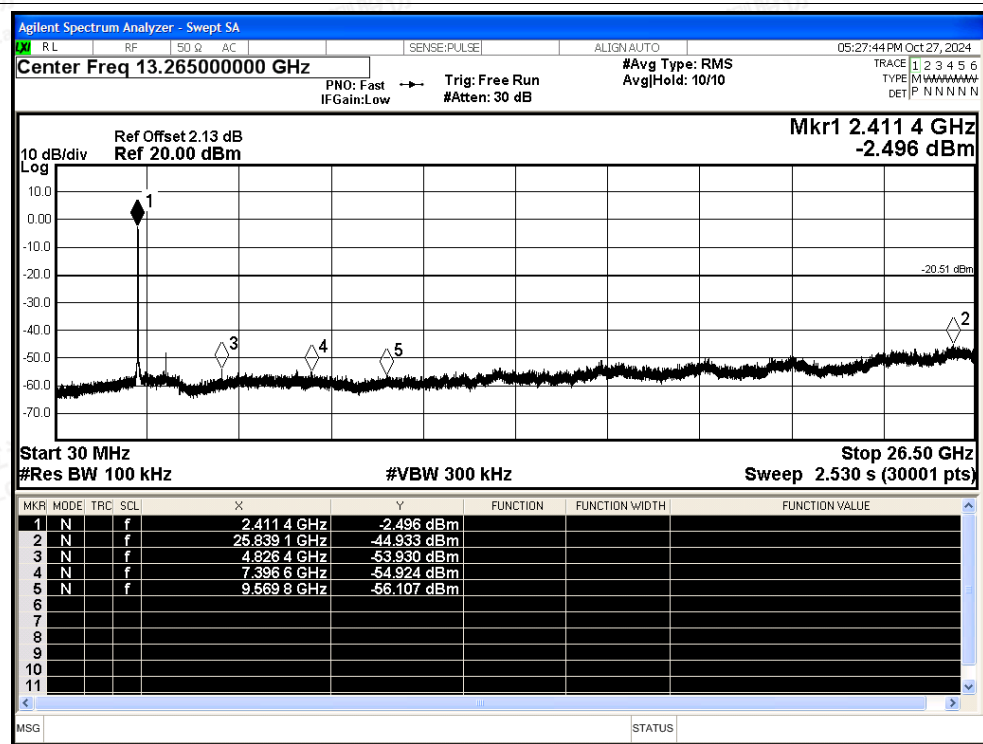
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Tx. Spurious NVNT ax20 2412MHz Ant1 Ref



Tx. Spurious NVNT ax20 2412MHz Ant1 Emission



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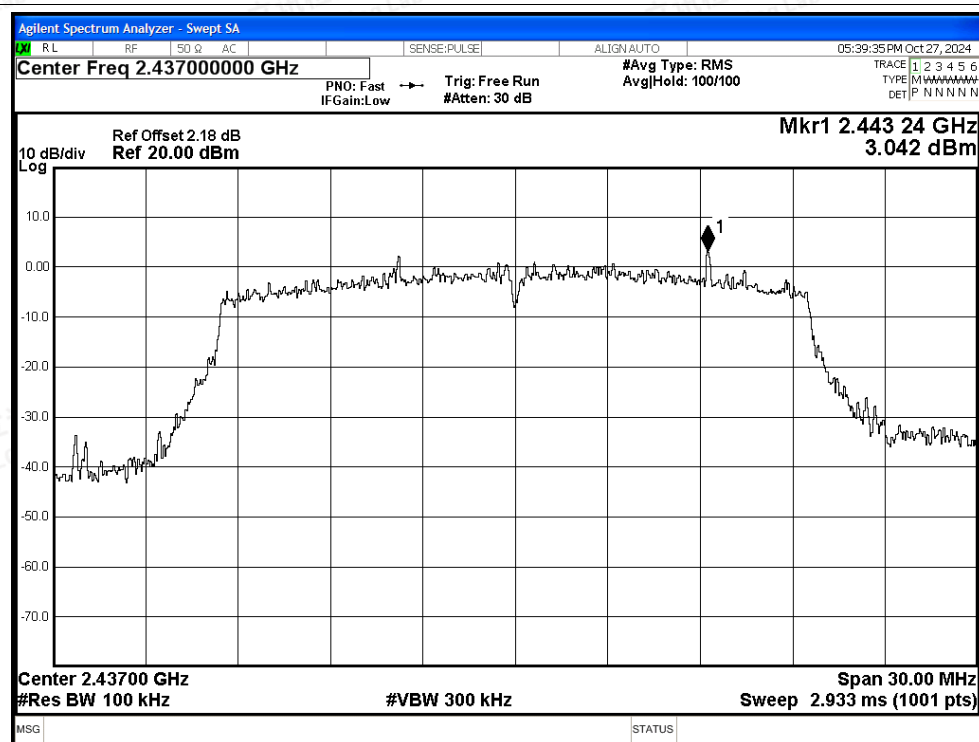
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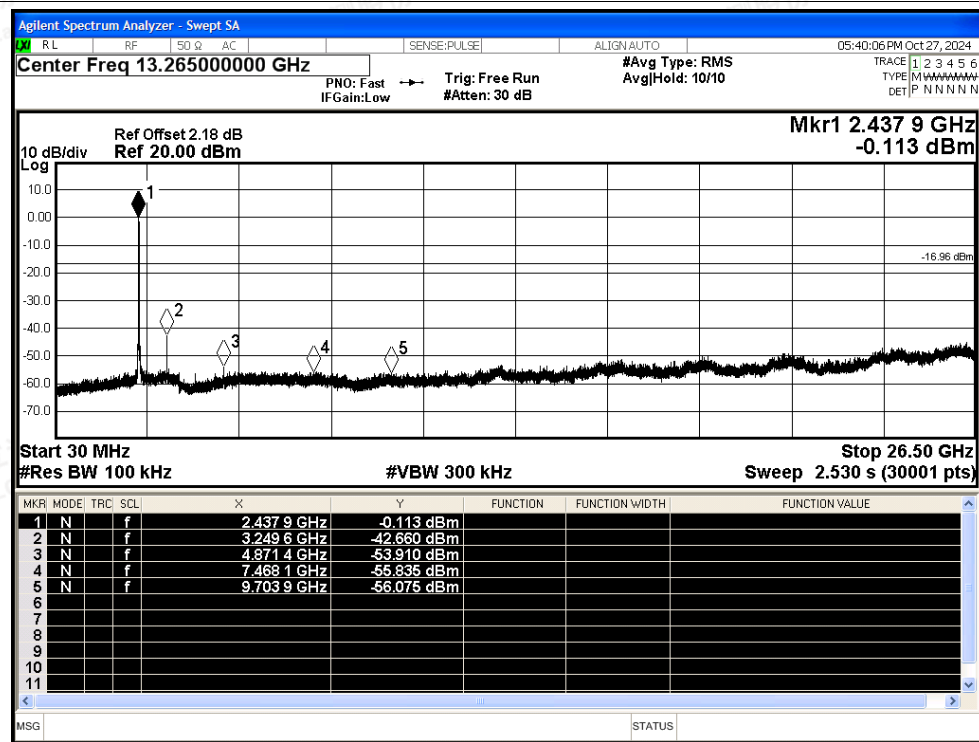
Scan code to check authenticity



Tx. Spurious NVNT ax20 2437MHz Ant1 Ref



Tx. Spurious NVNT ax20 2437MHz Ant1 Emission



Shenzhen LCS Compliance Testing Laboratory Ltd.

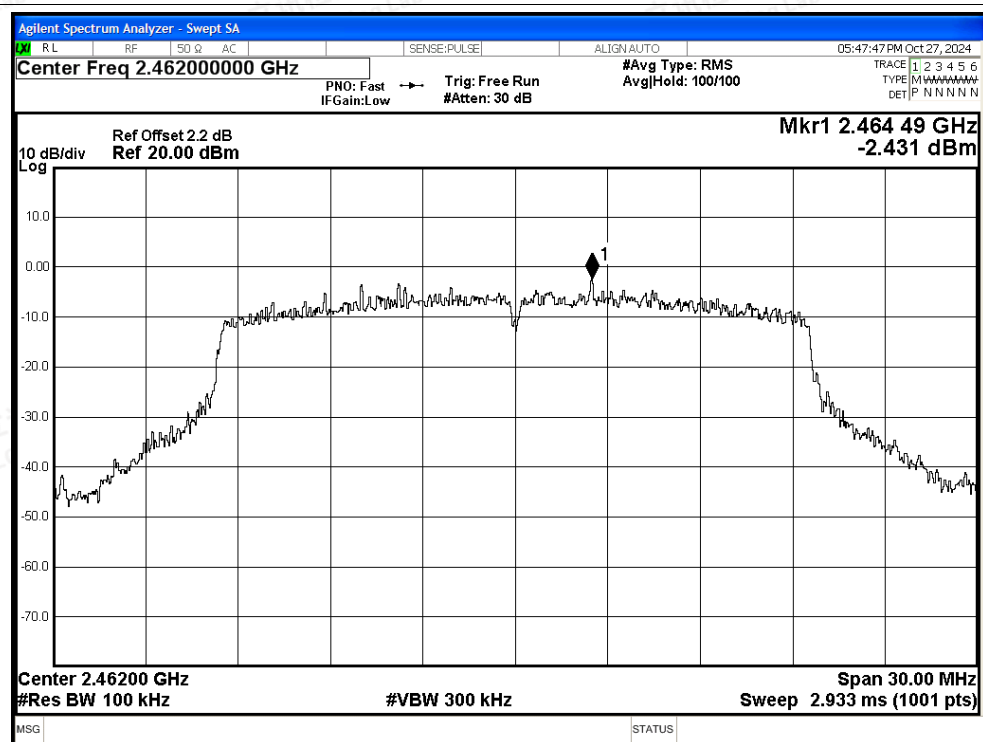
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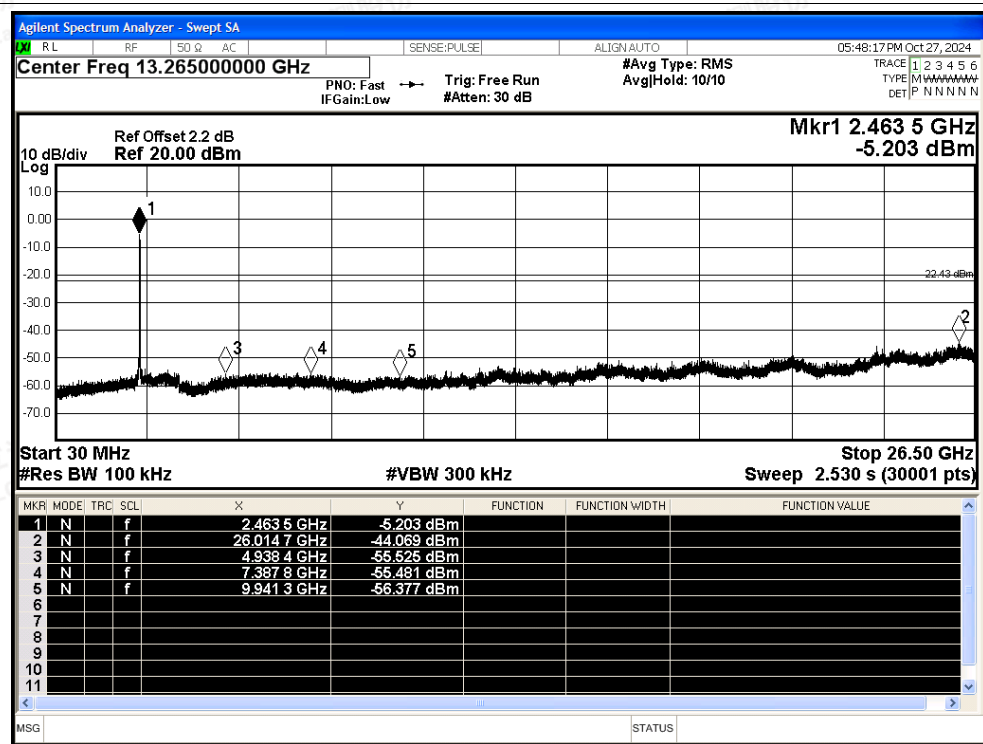
Scan code to check authenticity



Tx. Spurious NVNT ax20 2462MHz Ant1 Ref



Tx. Spurious NVNT ax20 2462MHz Ant1 Emission



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**802.11ax OFDMA-(26 Tone)**

Condition	Mode	Frequency (MHz)	Antenna	Max Value (dBc)	Limit (dBc)	Verdict
NVNT	ax20	2412	Ant1	-45.49	-20	Pass
NVNT	ax20	2437	Ant1	-46.80	-20	Pass
NVNT	ax20	2462	Ant1	-42.70	-20	Pass

802.11ax OFDMA-(52 Tone)

Condition	Mode	Frequency (MHz)	Antenna	Max Value (dBc)	Limit (dBc)	Verdict
NVNT	ax20	2412	Ant1	-45.51	-20	Pass
NVNT	ax20	2437	Ant1	-46.75	-20	Pass
NVNT	ax20	2462	Ant1	-42.74	-20	Pass

802.11ax OFDMA-(106 Tone)

Condition	Mode	Frequency (MHz)	Antenna	Max Value (dBc)	Limit (dBc)	Verdict
NVNT	ax20	2412	Ant1	-45.55	-20	Pass
NVNT	ax20	2437	Ant1	-46.84	-20	Pass
NVNT	ax20	2462	Ant1	-42.75	-20	Pass

802.11ax OFDMA-(242 Tone)

Condition	Mode	Frequency (MHz)	Antenna	Max Value (dBc)	Limit (dBc)	Verdict
NVNT	ax20	2412	Ant1	-45.47	-20	Pass
NVNT	ax20	2437	Ant1	-46.82	-20	Pass
NVNT	ax20	2462	Ant1	-42.72	-20	Pass



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B.6 Duty Cycle

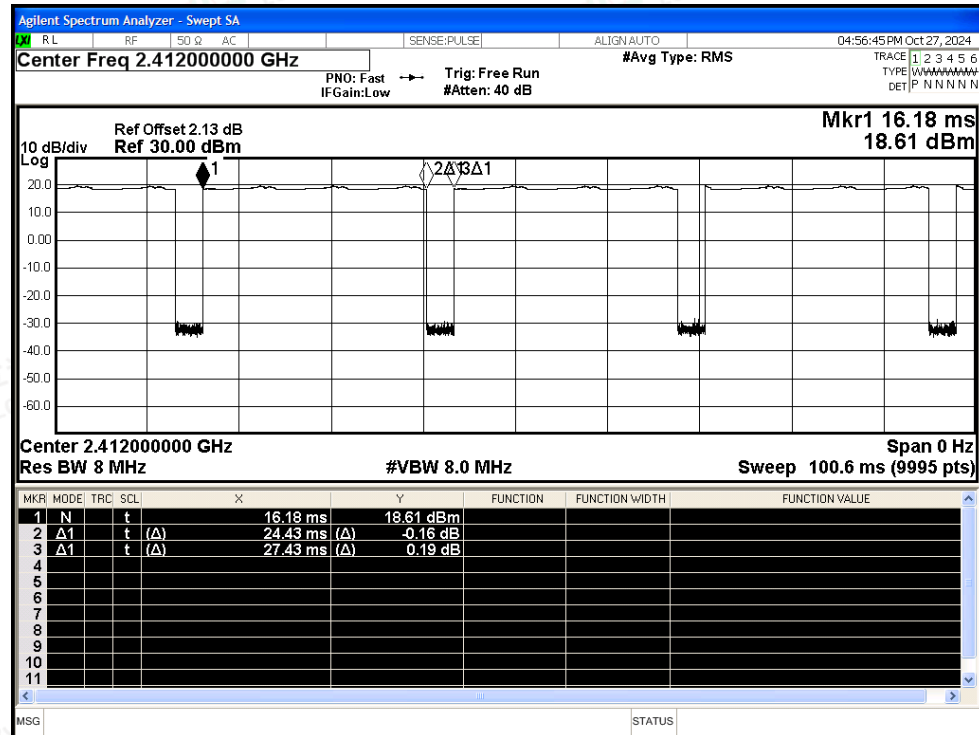
Condition	Mode	Frequency (MHz)	Antenna	Duty Cycle (%)	Correction Factor (dB)	1/T (kHz)
NVNT	b	2412	Ant1	89.06	0.5	0.04
NVNT	b	2437	Ant1	89.1	0.5	0.04
NVNT	b	2462	Ant1	89.06	0.5	0.04
NVNT	g	2412	Ant1	57.5	2.4	0.25
NVNT	g	2437	Ant1	57.53	2.4	0.25
NVNT	g	2462	Ant1	57.53	2.4	0.25
NVNT	n20	2412	Ant1	53.14	2.75	0.29
NVNT	n20	2437	Ant1	53.11	2.75	0.29
NVNT	n20	2462	Ant1	53.14	2.75	0.29
NVNT	ax20	2412	Ant1	48.95	3.1	0.35
NVNT	ax20	2437	Ant1	48.98	3.1	0.35
NVNT	ax20	2462	Ant1	48.95	3.1	0.35



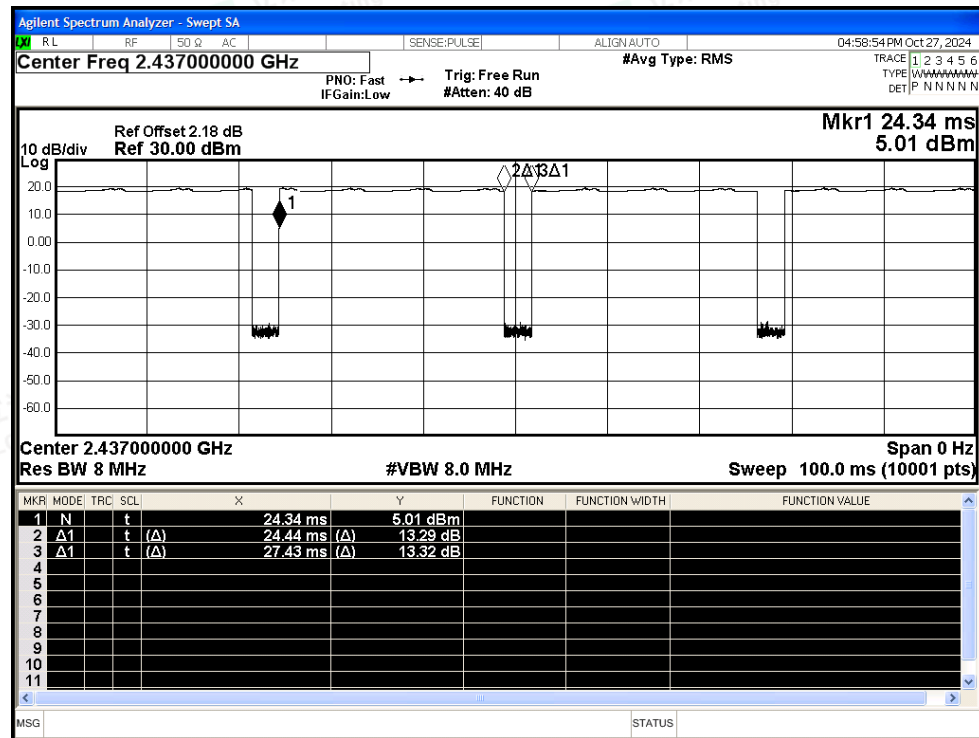


Test Graphs

Duty Cycle NVNT b 2412MHz Ant1



Duty Cycle NVNT b 2437MHz Ant1



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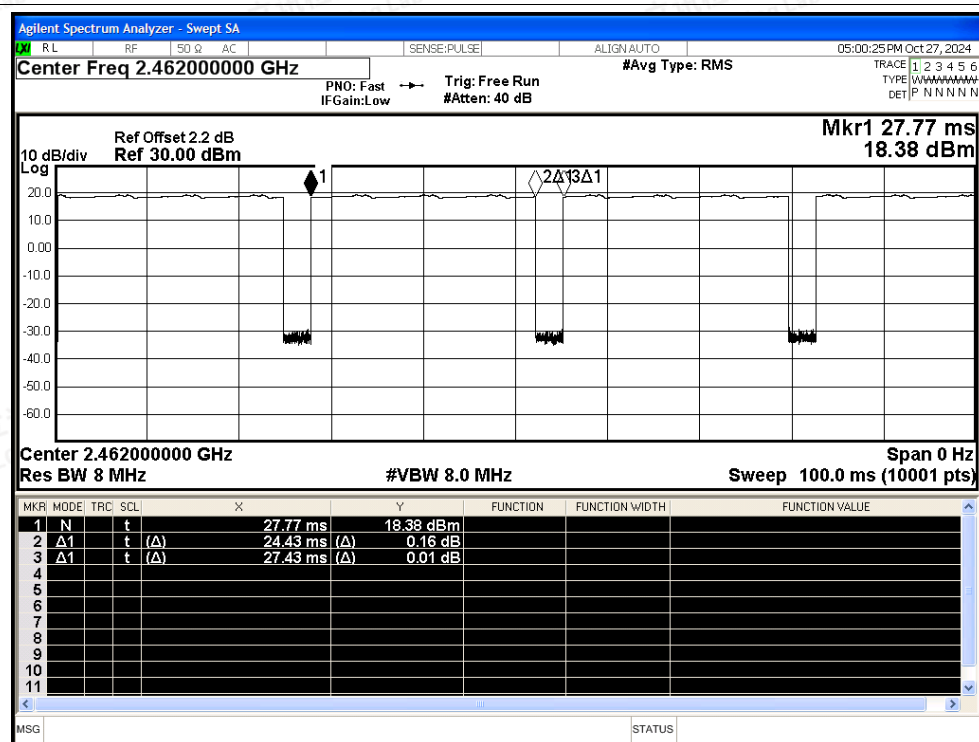
Add: 101, 201 Bldg A & 301 Bldg C, Juji Industrial Park Yabianxueziwei, Shajing Street, Baoan District, Shenzhen, 518000, China

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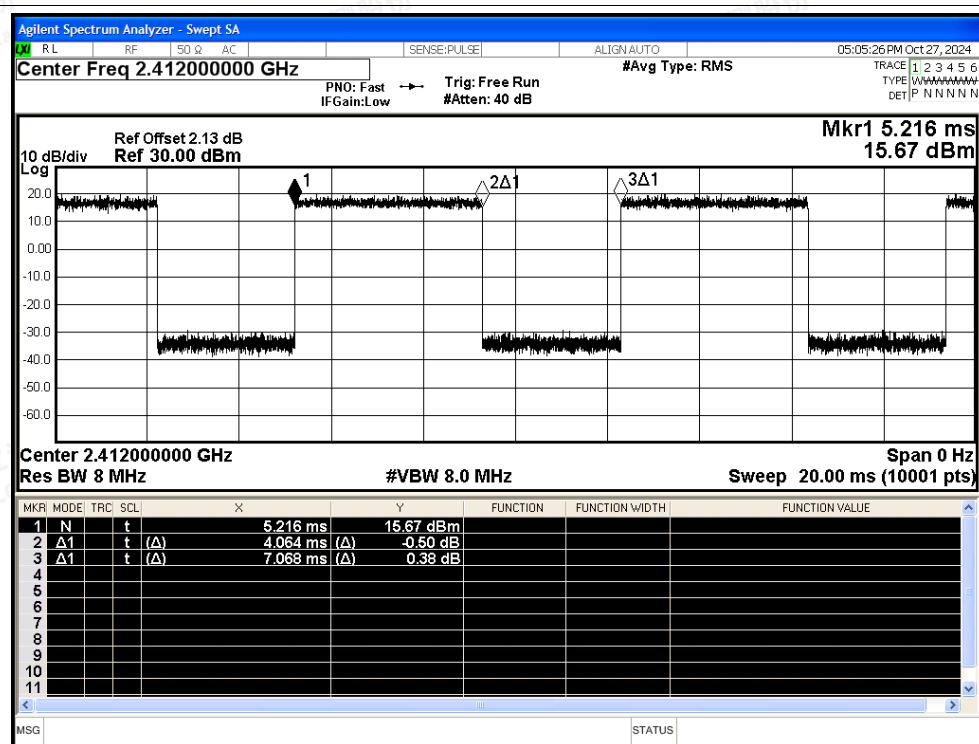
Scan code to check authenticity



Duty Cycle NVNT b 2462MHz Ant1



Duty Cycle NVNT g 2412MHz Ant1



Shenzhen LCS Compliance Testing Laboratory Ltd.

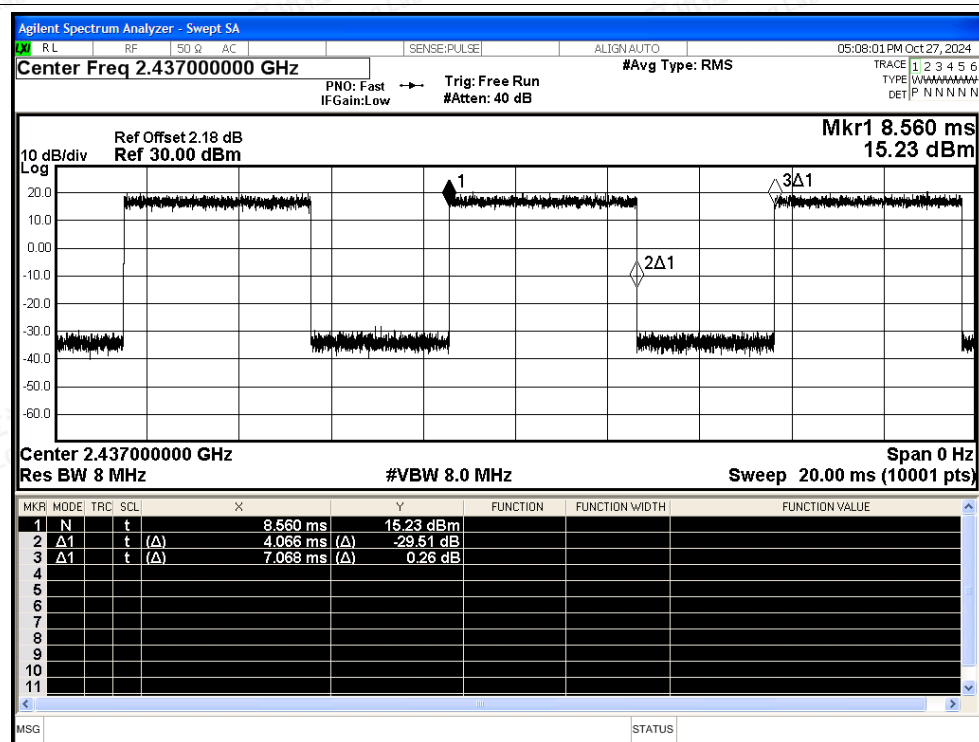
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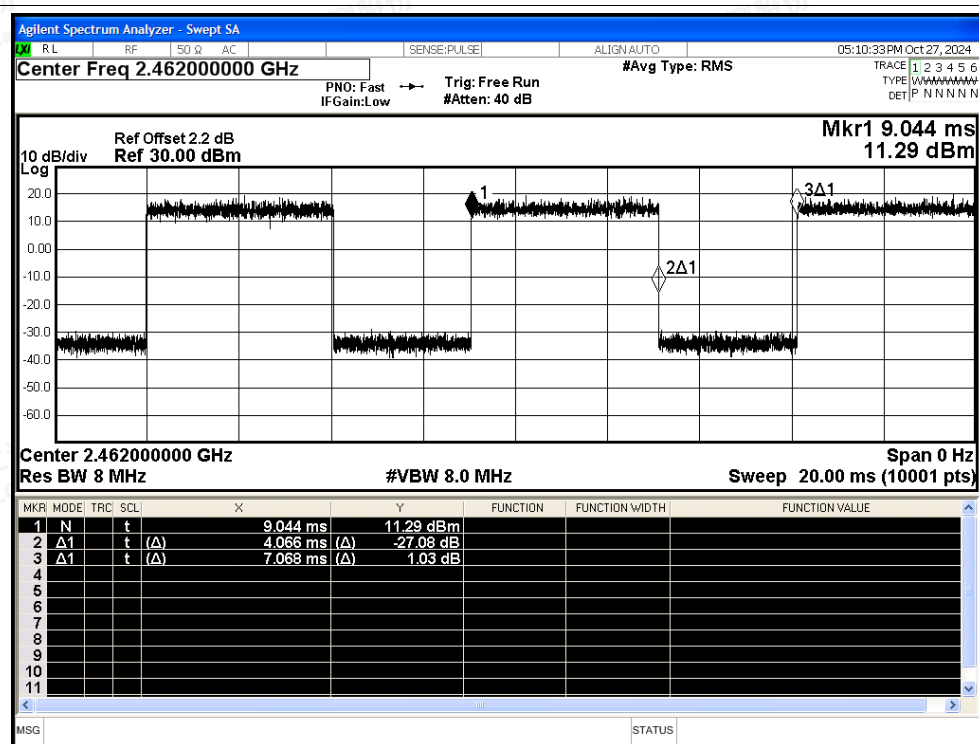
Scan code to check authenticity



Duty Cycle NVNT g 2437MHz Ant1



Duty Cycle NVNT g 2462MHz Ant1



Shenzhen LCS Compliance Testing Laboratory Ltd.

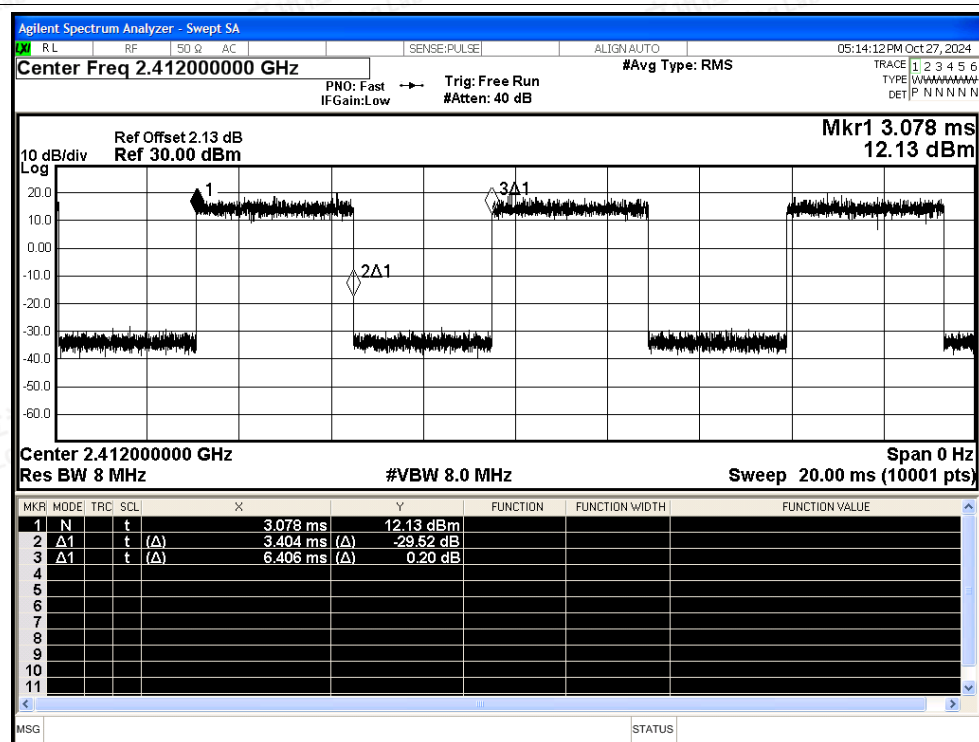
Add: 101, 201 Bldg A & 301 Bldg C, Juji Industrial Park Yabianxueziwei, Shajing Street, Baoan District, Shenzhen, 518000, China

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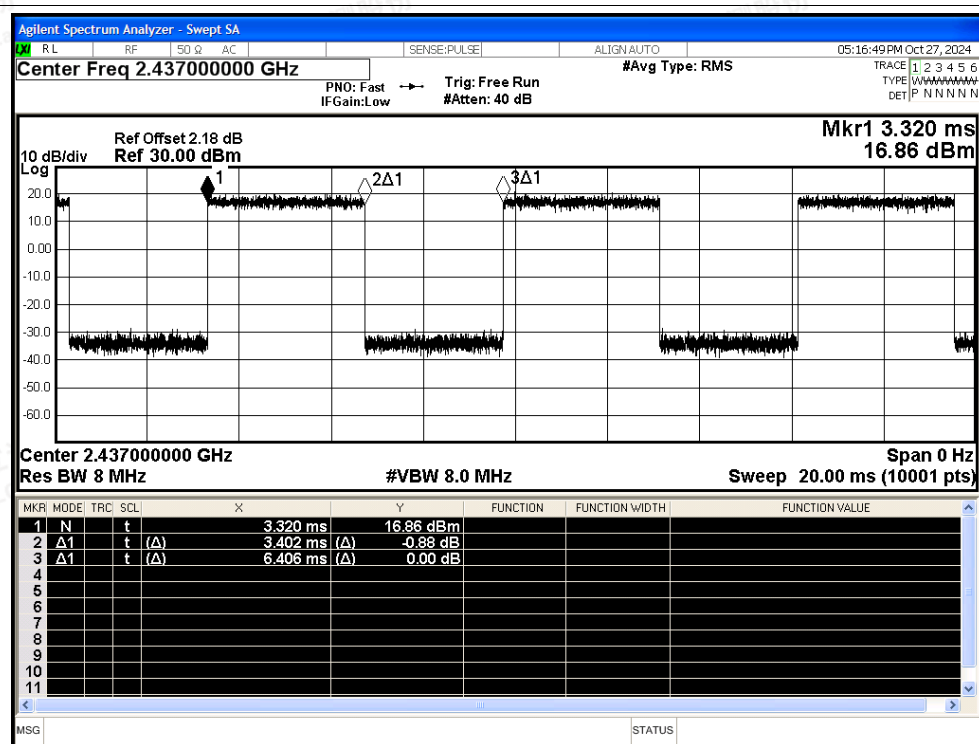
Scan code to check authenticity



Duty Cycle NVNT n20 2412MHz Ant1



Duty Cycle NVNT n20 2437MHz Ant1



Shenzhen LCS Compliance Testing Laboratory Ltd.

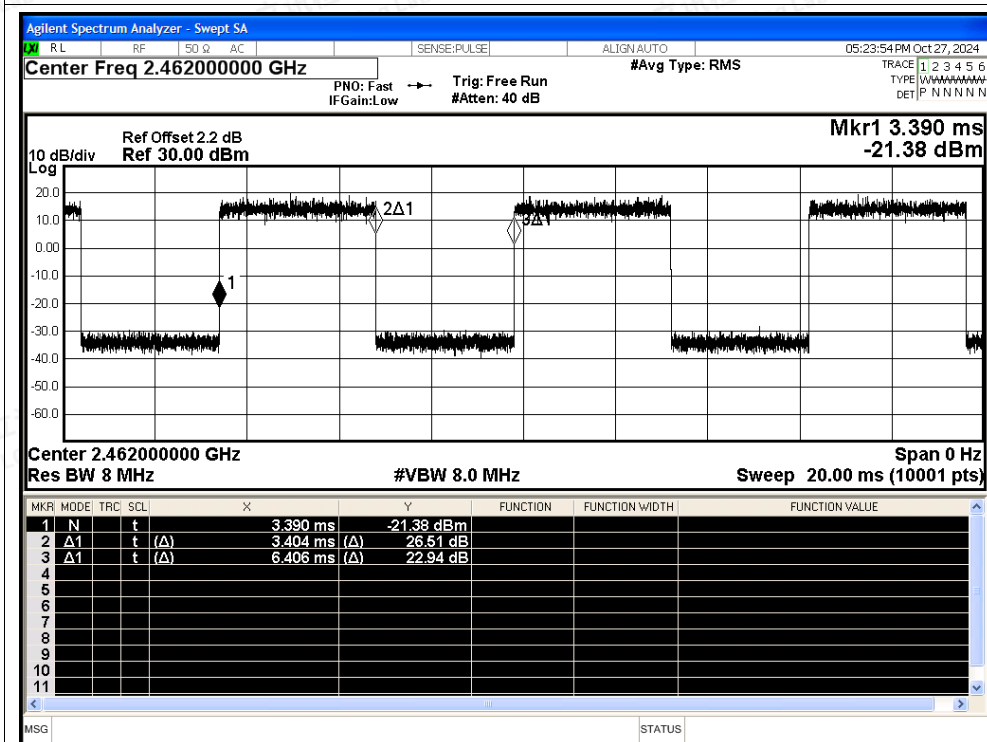
Add: 101, 201 Bldg A & 301 Bldg C, Juji Industrial Park Yabianxueziwei, Shajing Street, Baoan District, Shenzhen, 518000, China

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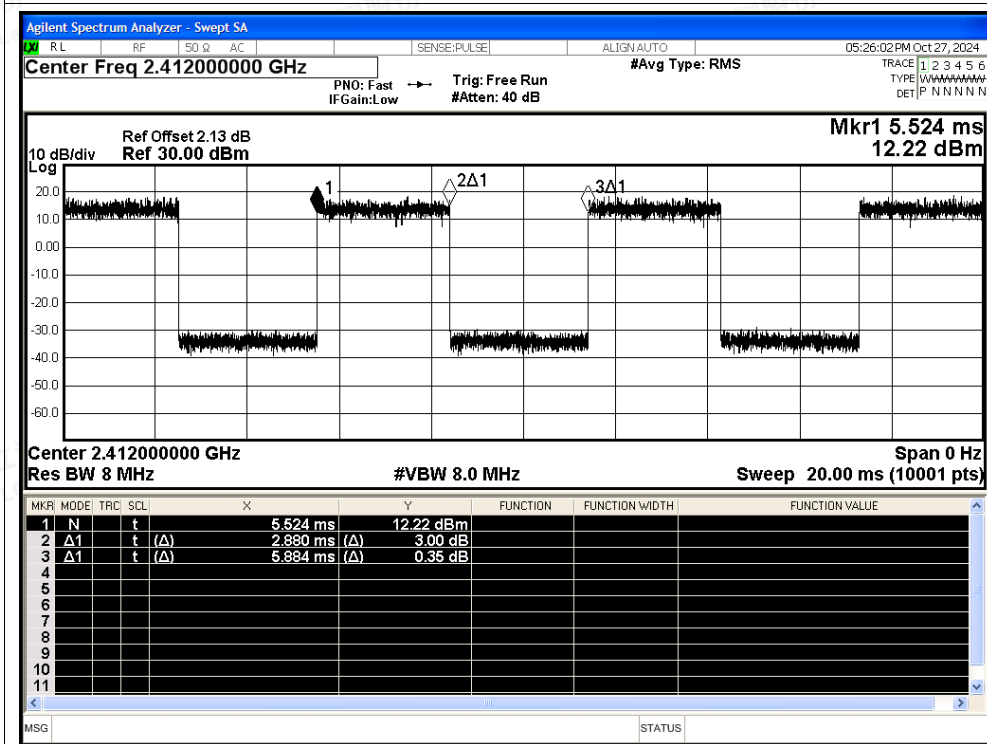
Scan code to check authenticity



Duty Cycle NVNT n20 2462MHz Ant1



Duty Cycle NVNT ax20 2412MHz Ant1



Shenzhen LCS Compliance Testing Laboratory Ltd.

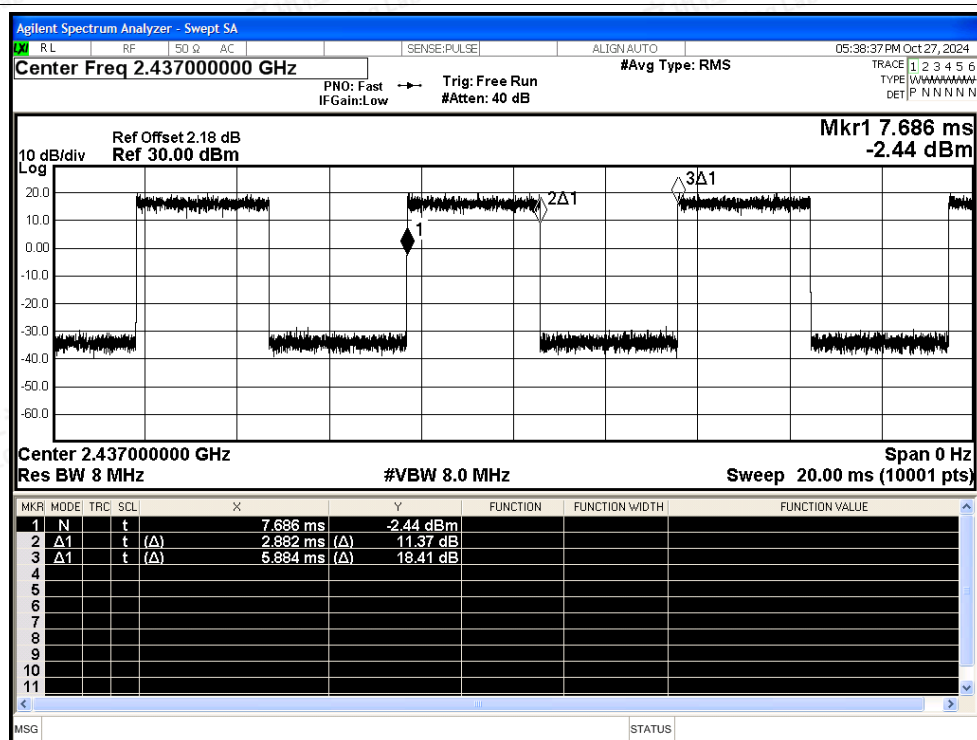
Add: 101, 201 Bldg A & 301 Bldg C, Juji Industrial Park Yabianxueziwei, Shajing Street, Baoan District, Shenzhen, 518000, China

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

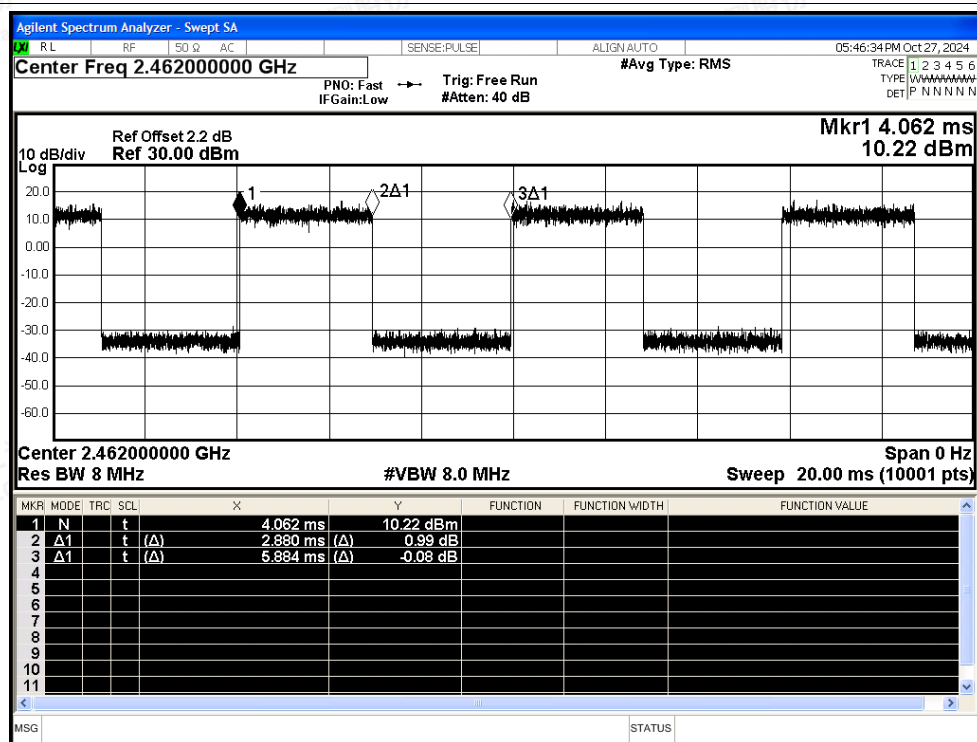
Scan code to check authenticity



Duty Cycle NVNT ax20 2437MHz Ant1



Duty Cycle NVNT ax20 2462MHz Ant1



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**802.11ax OFDMA-(26 Tone)**

Condition	Mode	Frequency (MHz)	Antenna	Duty Cycle (%)	Correction Factor (dB)	1/T (kHz)
NVNT	ax20	2412	Ant1	48.95	3.1	0.35
NVNT	ax20	2437	Ant1	48.98	3.1	0.35
NVNT	ax20	2462	Ant1	48.95	3.1	0.35

802.11ax OFDMA-(52 Tone)

Condition	Mode	Frequency (MHz)	Antenna	Duty Cycle (%)	Correction Factor (dB)	1/T (kHz)
NVNT	ax20	2412	Ant1	48.95	3.1	0.35
NVNT	ax20	2437	Ant1	48.98	3.1	0.35
NVNT	ax20	2462	Ant1	48.95	3.1	0.35

802.11ax OFDMA-(106 Tone)

Condition	Mode	Frequency (MHz)	Antenna	Duty Cycle (%)	Correction Factor (dB)	1/T (kHz)
NVNT	ax20	2412	Ant1	48.95	3.1	0.35
NVNT	ax20	2437	Ant1	48.98	3.1	0.35
NVNT	ax20	2462	Ant1	48.95	3.1	0.35

802.11ax OFDMA-(242 Tone)

Condition	Mode	Frequency (MHz)	Antenna	Duty Cycle (%)	Correction Factor (dB)	1/T (kHz)
NVNT	ax20	2412	Ant1	48.95	3.1	0.35
NVNT	ax20	2437	Ant1	48.98	3.1	0.35
NVNT	ax20	2462	Ant1	48.95	3.1	0.35





B.7 Restrict Band

Condition	Mode	Frequency (MHz)	Antenna	Spur Freq (MHz)	Power (dBm)	Gain (dBi)	Duty Factor (dB)	E (dBuV/m)	Detector	Limit (dBuV/m)	Verdict
NVNT	b	2412	Ant1	2310	-49.68	2.7	-	48.28	Peak	74	Pass
NVNT	b	2412	Ant1	2310	-57.41	2.7	0.5	41.05	Average	54	Pass
NVNT	b	2412	Ant1	2376.222	-39.48	2.7	-	58.48	Peak	74	Pass
NVNT	b	2412	Ant1	2387.22	-50.85	2.7	0.5	47.61	Average	54	Pass
NVNT	b	2412	Ant1	2390	-45.99	2.7	-	51.97	Peak	74	Pass
NVNT	b	2412	Ant1	2390	-53.39	2.7	0.5	45.07	Average	54	Pass
NVNT	b	2462	Ant1	2483.5	-42.39	2.7	-	55.57	Peak	74	Pass
NVNT	b	2462	Ant1	2483.5	-49.91	2.7	0.5	48.55	Average	54	Pass
NVNT	b	2462	Ant1	2484.524	-40.46	2.7	-	57.5	Peak	74	Pass
NVNT	b	2462	Ant1	2483.676	-49.77	2.7	0.5	48.69	Average	54	Pass
NVNT	b	2462	Ant1	2500	-45.29	2.7	-	52.67	Peak	74	Pass
NVNT	b	2462	Ant1	2500	-54.49	2.7	0.5	43.97	Average	54	Pass
NVNT	g	2412	Ant1	2310	-48.68	2.7	-	49.28	Peak	74	Pass
NVNT	g	2412	Ant1	2310	-58.04	2.7	2.4	42.32	Average	54	Pass
NVNT	g	2412	Ant1	2389.677	-32.2	2.7	-	65.76	Peak	74	Pass
NVNT	g	2412	Ant1	2389.911	-46.6	2.7	2.4	53.76	Average	54	Pass
NVNT	g	2412	Ant1	2390	-34.23	2.7	-	63.73	Peak	74	Pass
NVNT	g	2412	Ant1	2390	-47.52	2.7	2.4	52.84	Average	54	Pass
NVNT	g	2462	Ant1	2483.5	-38	2.7	-	59.96	Peak	74	Pass
NVNT	g	2462	Ant1	2483.5	-48.55	2.7	2.4	51.81	Average	54	Pass
NVNT	g	2462	Ant1	2483.676	-28.29	2.7	-	69.67	Peak	74	Pass
NVNT	g	2462	Ant1	2483.517	-48.55	2.7	2.4	51.81	Average	54	Pass
NVNT	g	2462	Ant1	2500	-42.91	2.7	-	55.05	Peak	74	Pass
NVNT	g	2462	Ant1	2500	-54.6	2.7	2.4	45.76	Average	54	Pass
NVNT	n20	2412	Ant1	2310	-50.92	2.7	-	47.04	Peak	74	Pass
NVNT	n20	2412	Ant1	2310	-57.77	2.7	2.75	42.94	Average	54	Pass
NVNT	n20	2412	Ant1	2384.646	-34.99	2.7	-	62.97	Peak	74	Pass
NVNT	n20	2412	Ant1	2389.56	-49.44	2.7	2.75	51.27	Average	54	Pass
NVNT	n20	2412	Ant1	2390	-37.93	2.7	-	60.03	Peak	74	Pass
NVNT	n20	2412	Ant1	2390	-49.78	2.7	2.75	50.93	Average	54	Pass
NVNT	n20	2462	Ant1	2483.5	-34.66	2.7	-	63.3	Peak	74	Pass
NVNT	n20	2462	Ant1	2483.5	-48.13	2.7	2.75	52.58	Average	54	Pass
NVNT	n20	2462	Ant1	2487.81	-31.17	2.7	-	66.79	Peak	74	Pass
NVNT	n20	2462	Ant1	2483.517	-48.13	2.7	2.75	52.58	Average	54	Pass
NVNT	n20	2462	Ant1	2500	-45.06	2.7	-	52.9	Peak	74	Pass
NVNT	n20	2462	Ant1	2500	-54.28	2.7	2.75	46.43	Average	54	Pass



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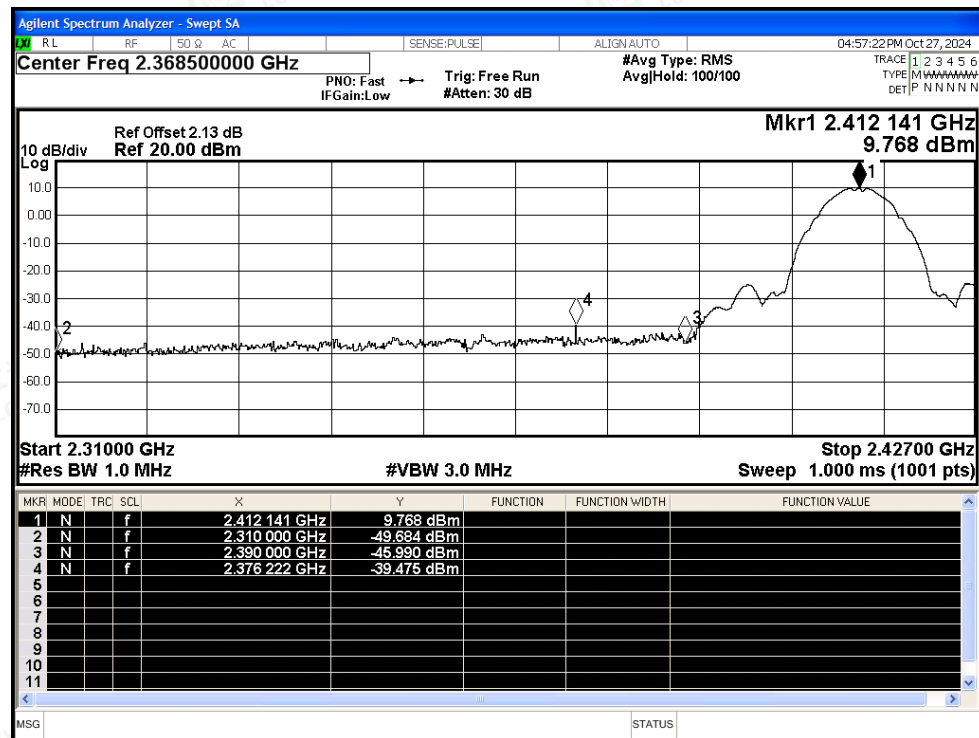
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NVNT	ax20	2412	Ant1	2310	-58.27	2.7	3.1	42.79	Average	54	Pass
NVNT	ax20	2412	Ant1	2388.507	-28.81	2.7	-	69.15	Peak	74	Pass
NVNT	ax20	2412	Ant1	2389.911	-48.31	2.7	3.1	52.75	Average	54	Pass
NVNT	ax20	2412	Ant1	2390	-36.74	2.7	-	61.22	Peak	74	Pass
NVNT	ax20	2412	Ant1	2390	-47.67	2.7	3.1	53.39	Average	54	Pass
NVNT	ax20	2462	Ant1	2483.5	-37.87	2.7	-	60.09	Peak	74	Pass
NVNT	ax20	2462	Ant1	2483.5	-49.98	2.7	3.1	51.08	Average	54	Pass
NVNT	ax20	2462	Ant1	2484.047	-34.63	2.7	-	63.33	Peak	74	Pass
NVNT	ax20	2462	Ant1	2483.782	-49.97	2.7	3.1	51.09	Average	54	Pass
NVNT	ax20	2462	Ant1	2500	-46.44	2.7	-	51.52	Peak	74	Pass
NVNT	ax20	2462	Ant1	2500	-55.17	2.7	3.1	45.89	Average	54	Pass



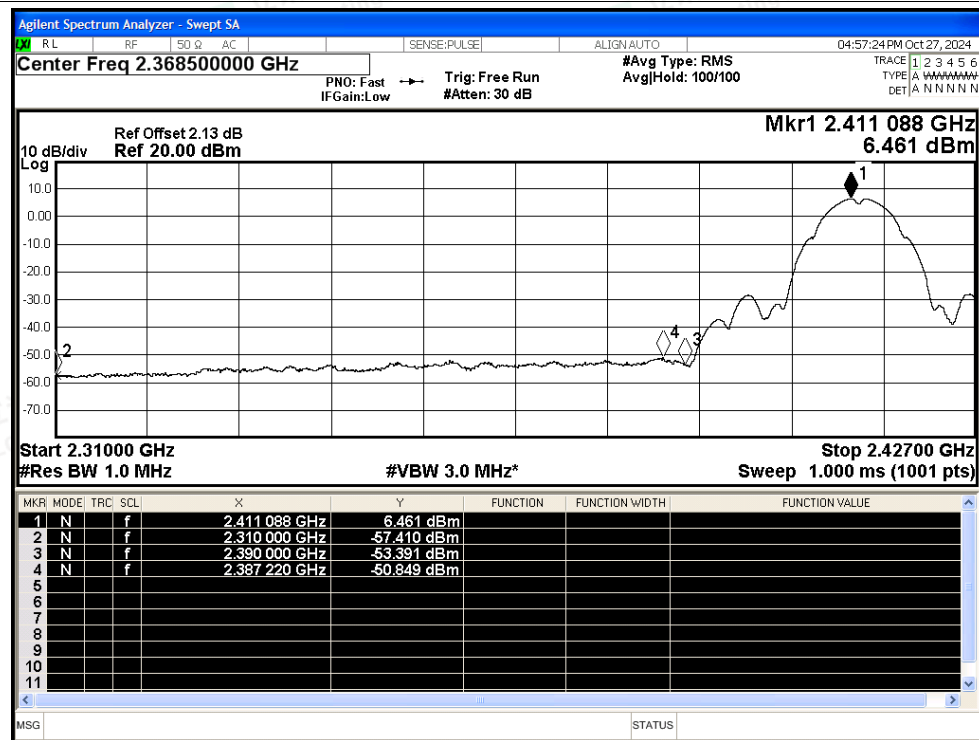


Test Graphs

Restrict Band NVNT b 2412MHz Ant1 Peak



Restrict Band NVNT b 2412MHz Ant1 Average



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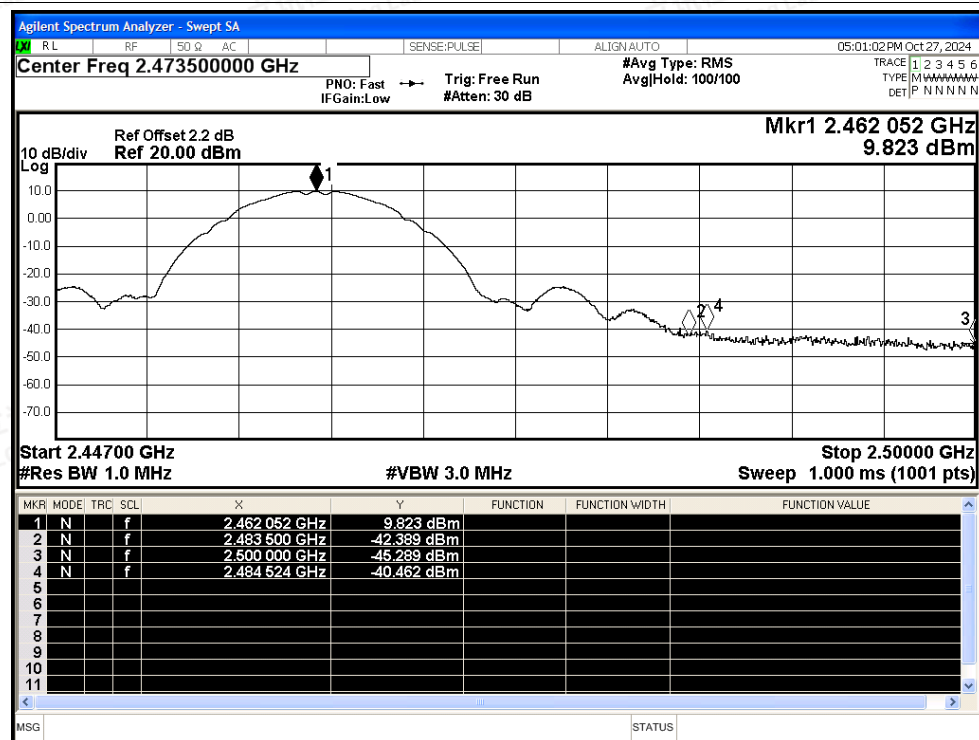
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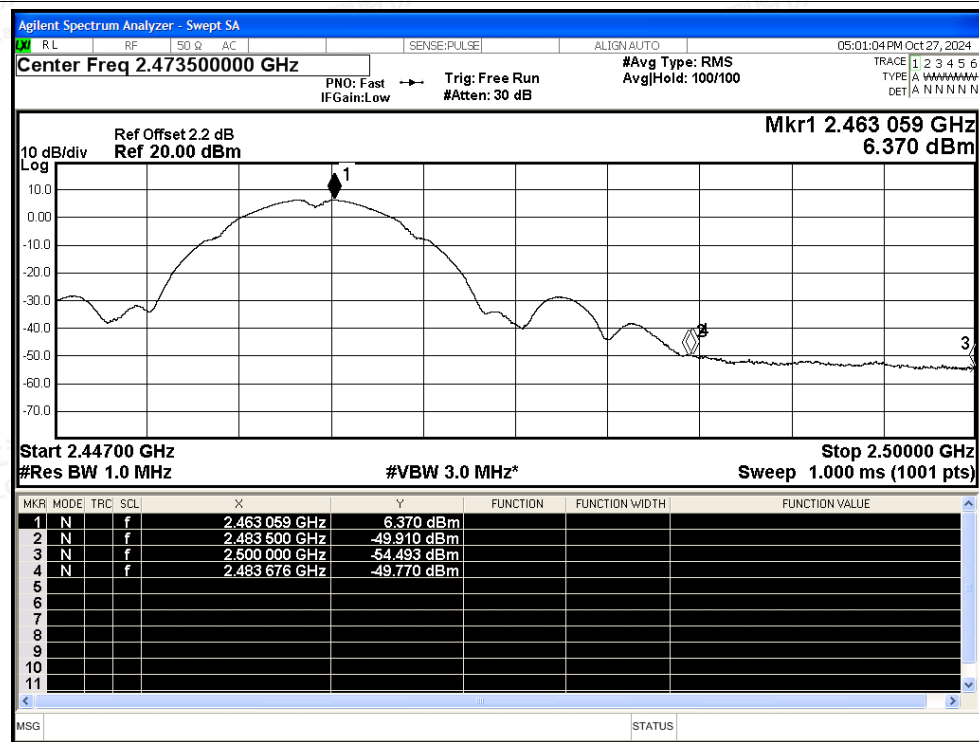
Scan code to check authenticity



Restrict Band NVNT b 2462MHz Ant1 Peak



Restrict Band NVNT b 2462MHz Ant1 Average



Shenzhen LCS Compliance Testing Laboratory Ltd.

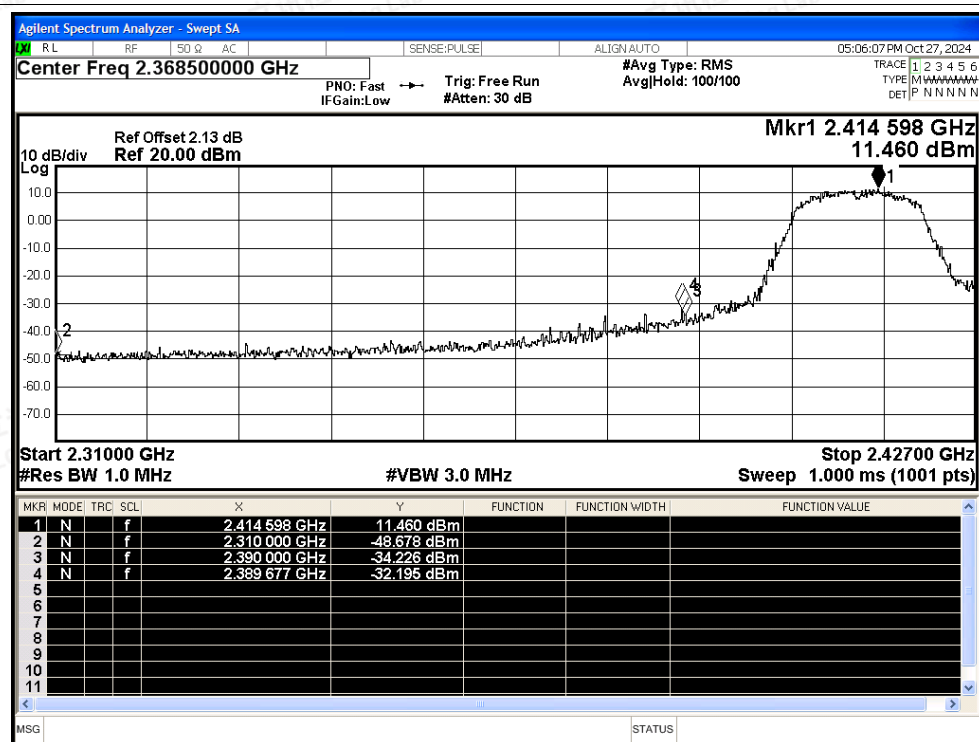
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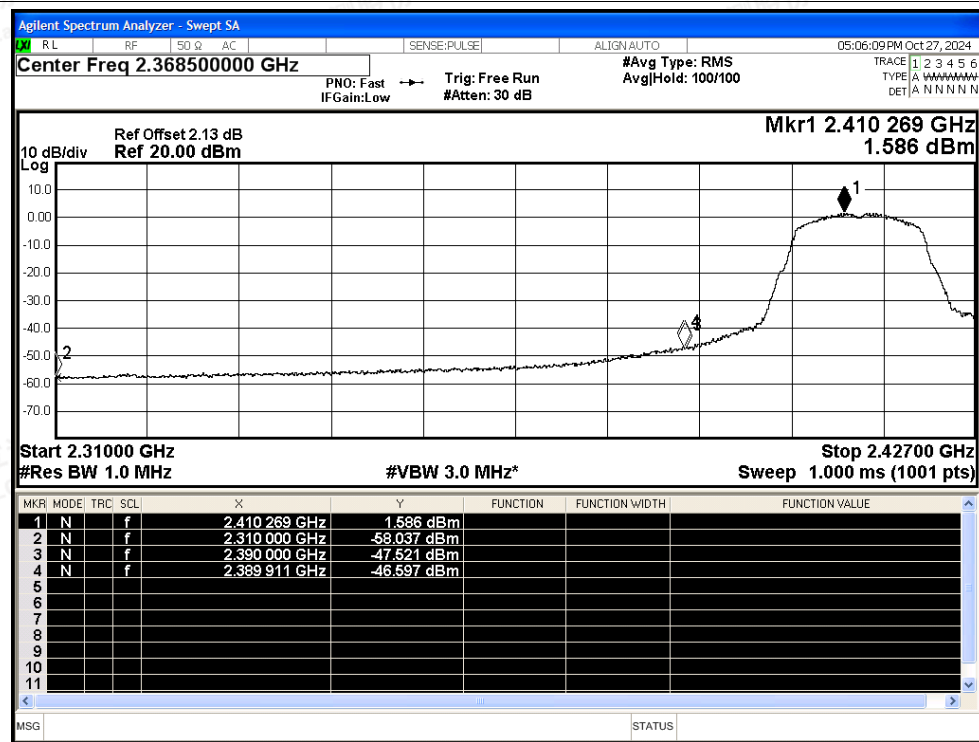
Scan code to check authenticity



Restrict Band NVNT g 2412MHz Ant1 Peak



Restrict Band NVNT g 2412MHz Ant1 Average



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