



Appendix A

RF Test Data for 2.4GWIFI (Conducted Measurement)

Product Name: BE5100 Whole Home Mesh Wi-Fi 7 System

Test Model: Mesh6EP

Environmental Conditions

Temperature:	24.2 ° C
Relative Humidity:	53.6%
ATM Pressure:	100.0 kPa
Test Engineer:	Jay Luo
Supervised by:	Paddi Chen





A.1 -6dB Bandwidth

Condition	Mode	Frequency (MHz)	Antenna	-6 dB Bandwidth (MHz)	Limit -6 dB Bandwidth (MHz)	Verdict
NVNT	b	2412	Ant1	8.107	≥ 0.5	Pass
NVNT	b	2437	Ant1	9	≥ 0.5	Pass
NVNT	b	2462	Ant1	8.511	≥ 0.5	Pass
NVNT	g	2412	Ant1	15.672	≥ 0.5	Pass
NVNT	g	2437	Ant1	16.533	≥ 0.5	Pass
NVNT	g	2462	Ant1	16.387	≥ 0.5	Pass
NVNT	n20	2412	Ant1	17.597	≥ 0.5	Pass
NVNT	n20	2437	Ant1	17.389	≥ 0.5	Pass
NVNT	n20	2462	Ant1	17.575	≥ 0.5	Pass
NVNT	n40	2422	Ant1	35.732	≥ 0.5	Pass
NVNT	n40	2437	Ant1	35.577	≥ 0.5	Pass
NVNT	n40	2452	Ant1	36.015	≥ 0.5	Pass
NVNT	ax20	2412	Ant1	16.886	≥ 0.5	Pass
NVNT	ax20	2437	Ant1	16.727	≥ 0.5	Pass
NVNT	ax20	2462	Ant1	17.417	≥ 0.5	Pass
NVNT	ax40	2422	Ant1	34.479	≥ 0.5	Pass
NVNT	ax40	2437	Ant1	35.965	≥ 0.5	Pass
NVNT	ax40	2452	Ant1	35.51	≥ 0.5	Pass
NVNT	be20	2412	Ant1	17.109	≥ 0.5	Pass
NVNT	be20	2437	Ant1	16.89	≥ 0.5	Pass
NVNT	be20	2462	Ant1	17.128	≥ 0.5	Pass
NVNT	be40	2422	Ant1	35.607	≥ 0.5	Pass
NVNT	be40	2437	Ant1	35.44	≥ 0.5	Pass
NVNT	be40	2452	Ant1	34.892	≥ 0.5	Pass



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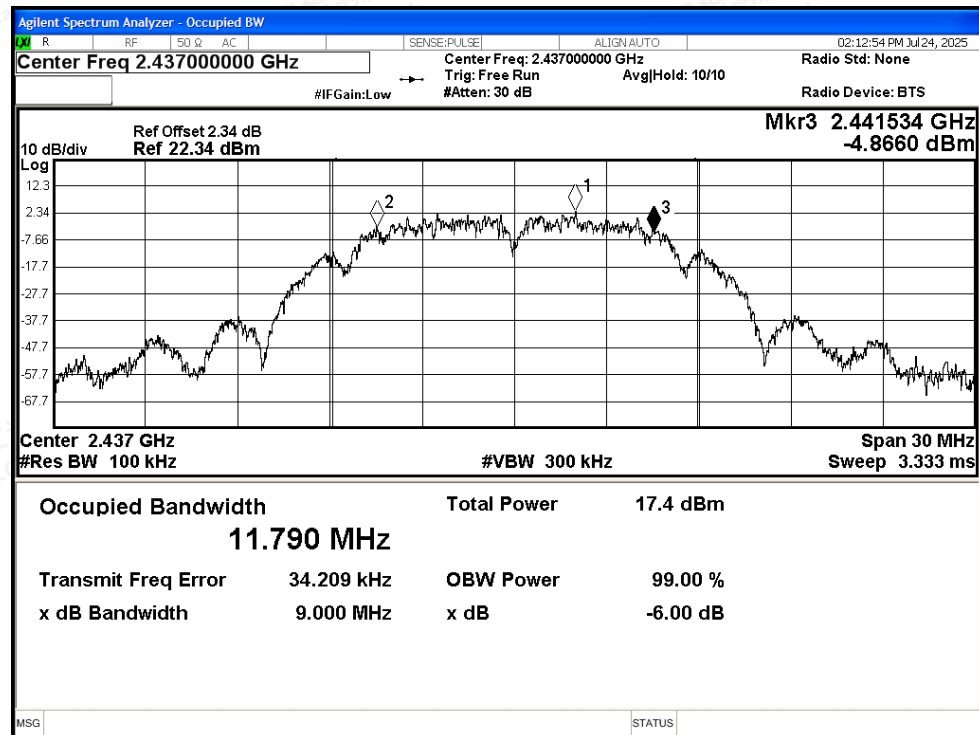


Test Graphs

-6dB Bandwidth NVNT b 2412MHz Ant1



-6dB Bandwidth NVNT b 2437MHz Ant1



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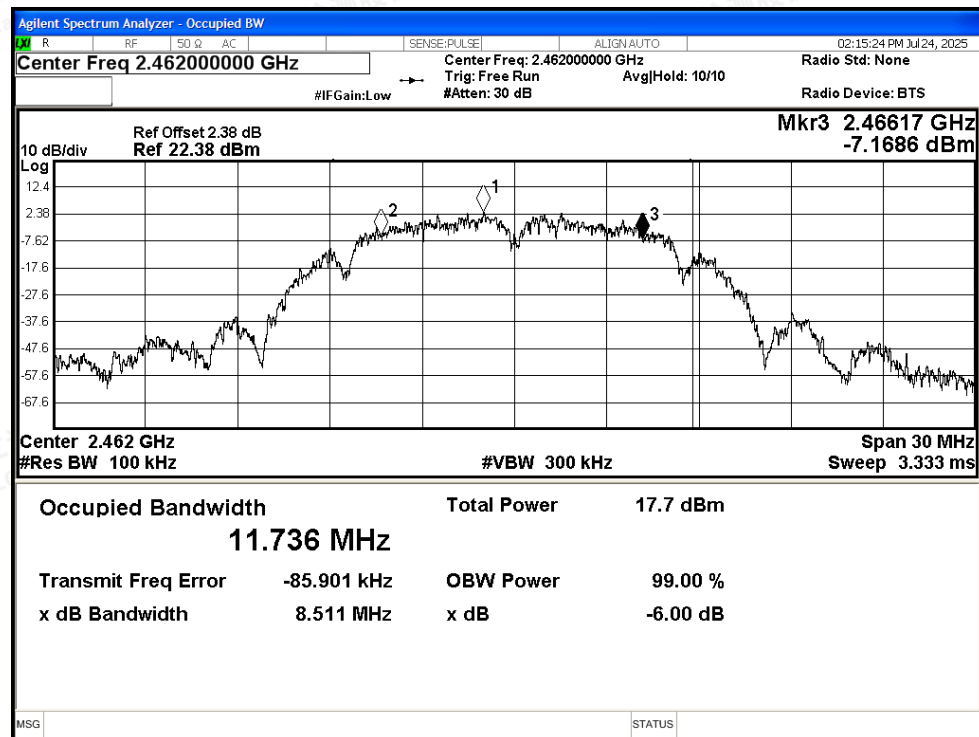
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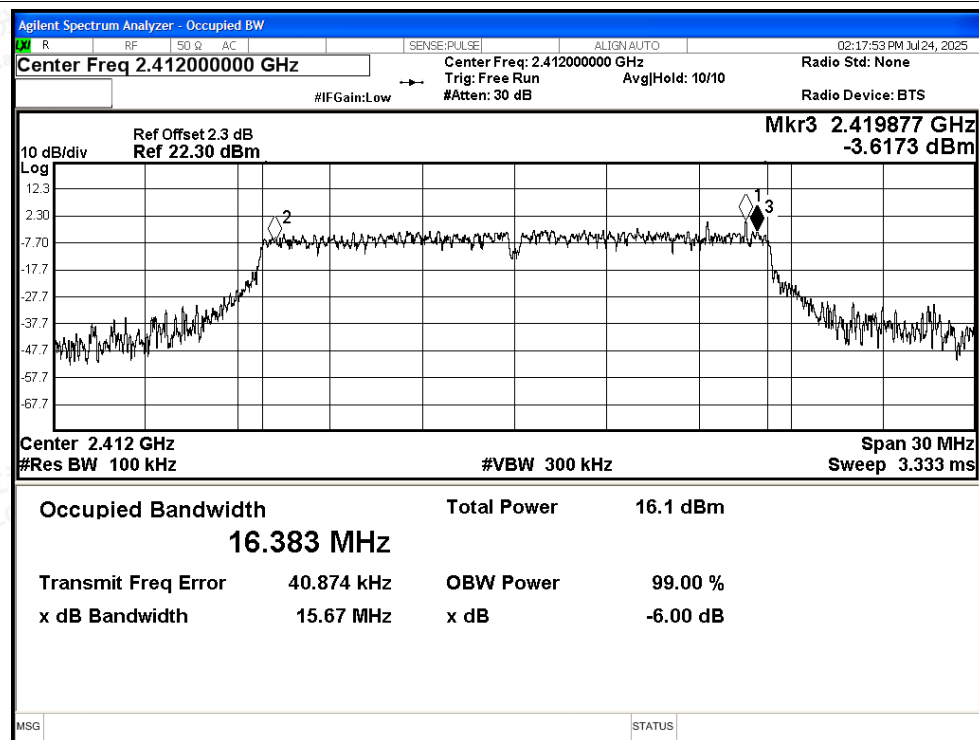
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-6dB Bandwidth NVNT b 2462MHz Ant1



-6dB Bandwidth NVNT g 2412MHz Ant1



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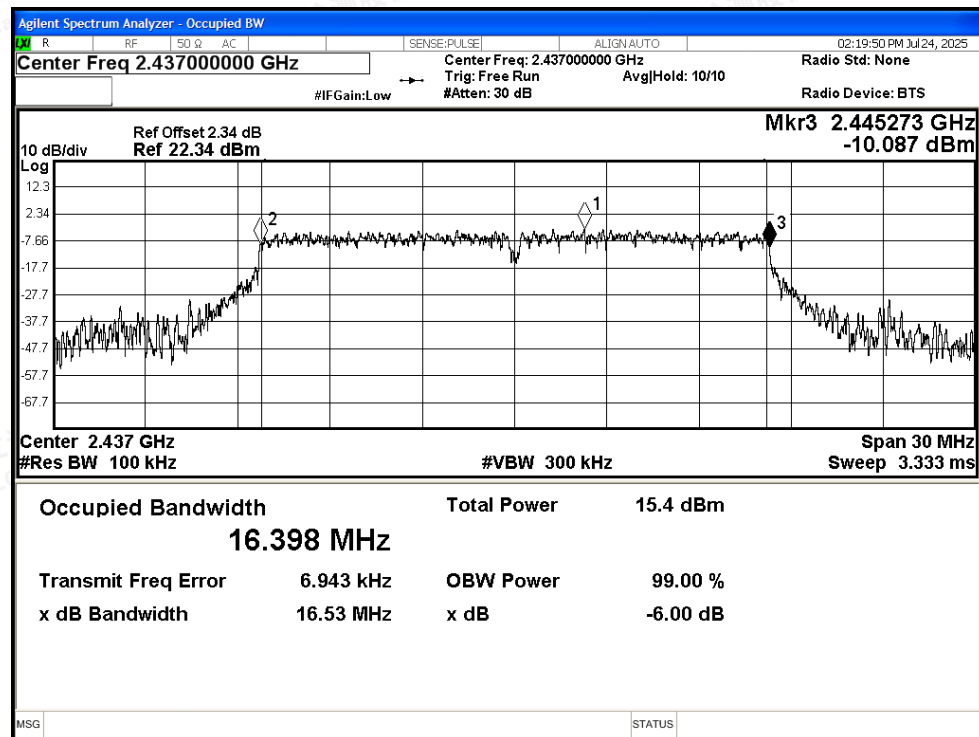
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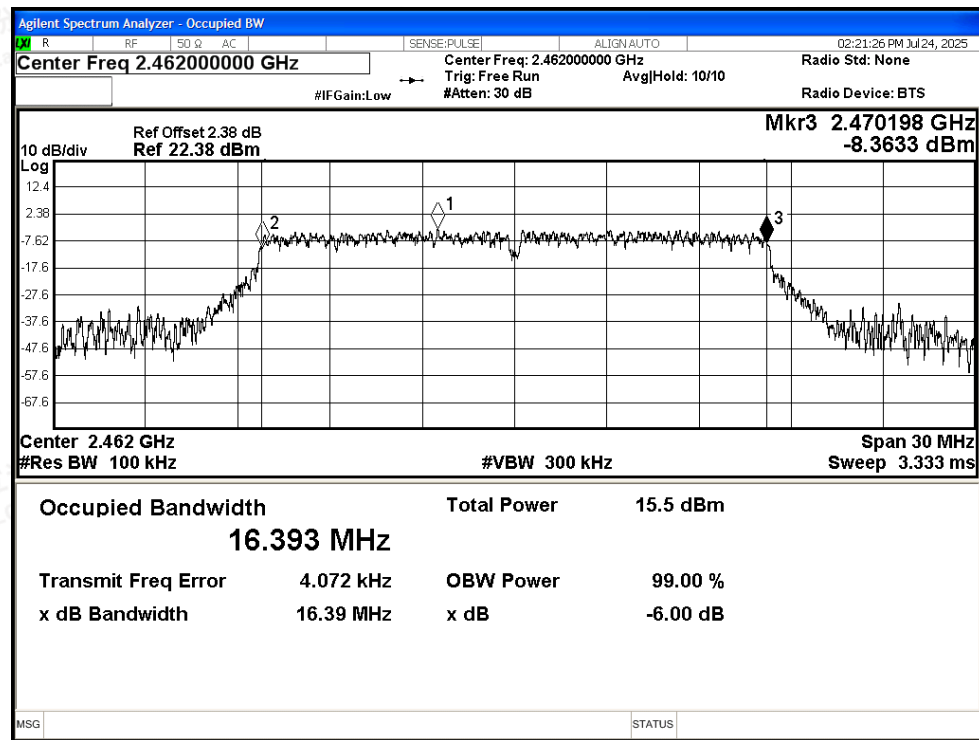
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-6dB Bandwidth NVNT g 2437MHz Ant1



-6dB Bandwidth NVNT g 2462MHz Ant1



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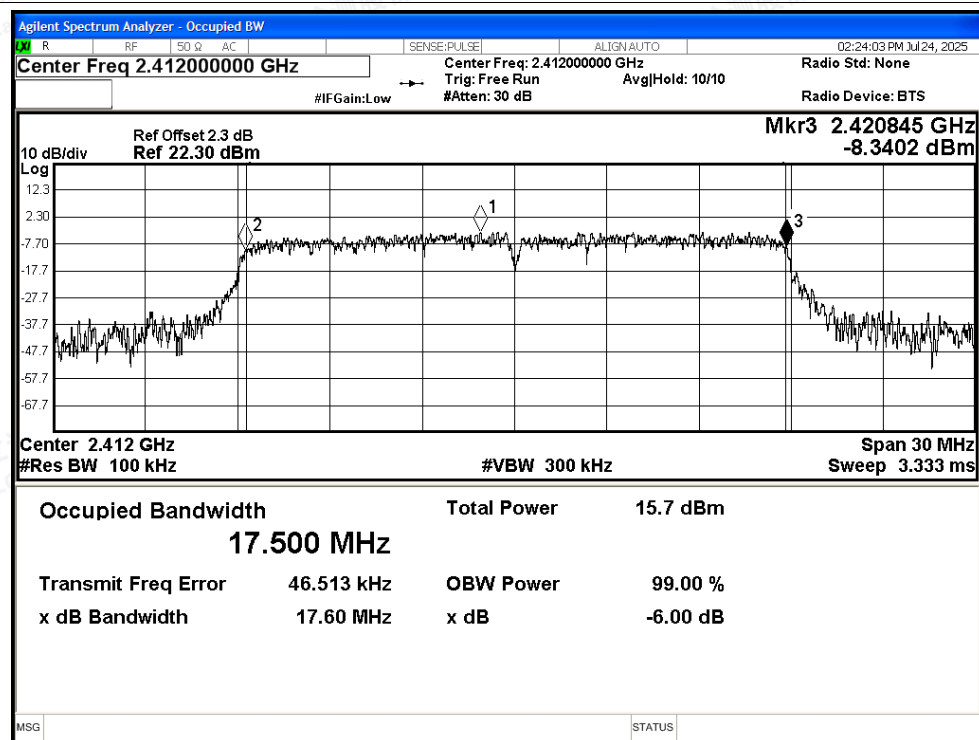
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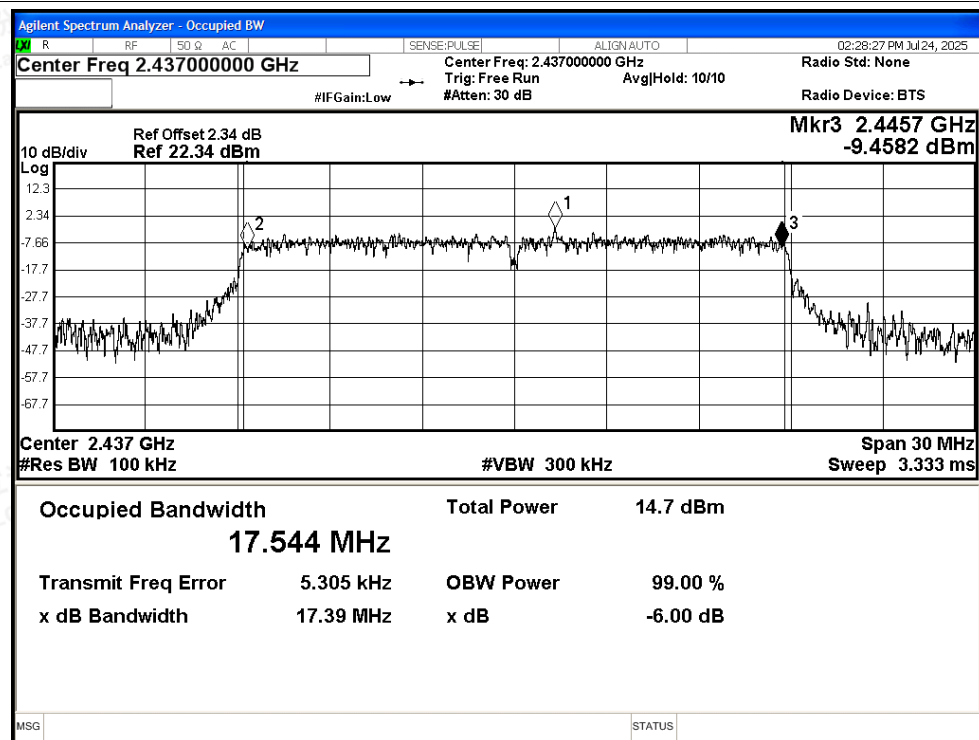
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-6dB Bandwidth NVNT n20 2412MHz Ant1



-6dB Bandwidth NVNT n20 2437MHz Ant1



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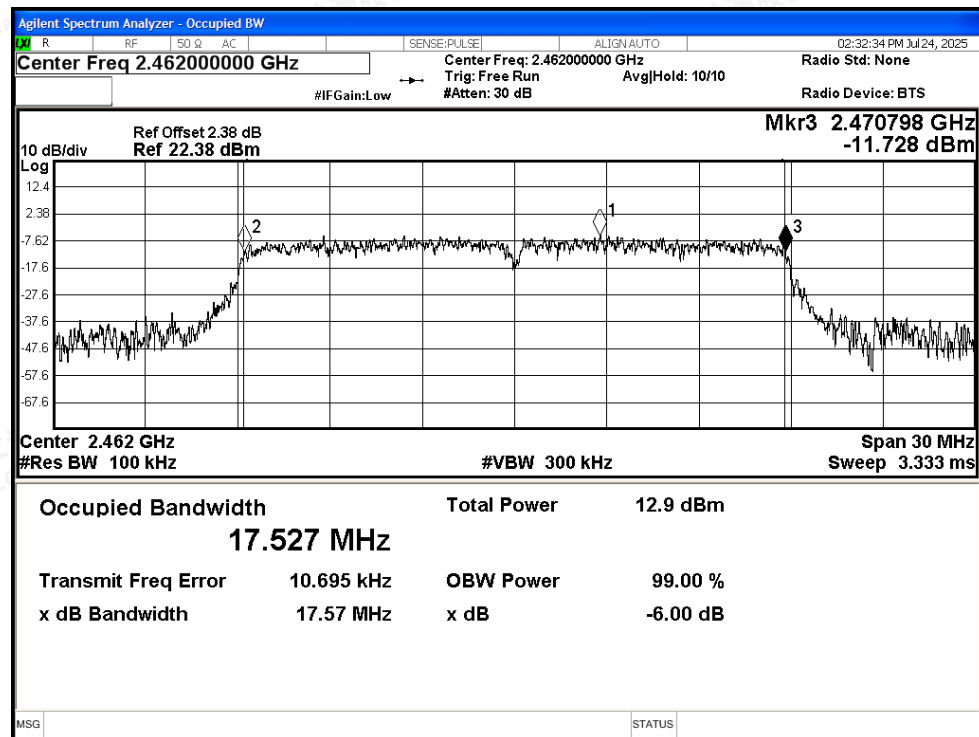
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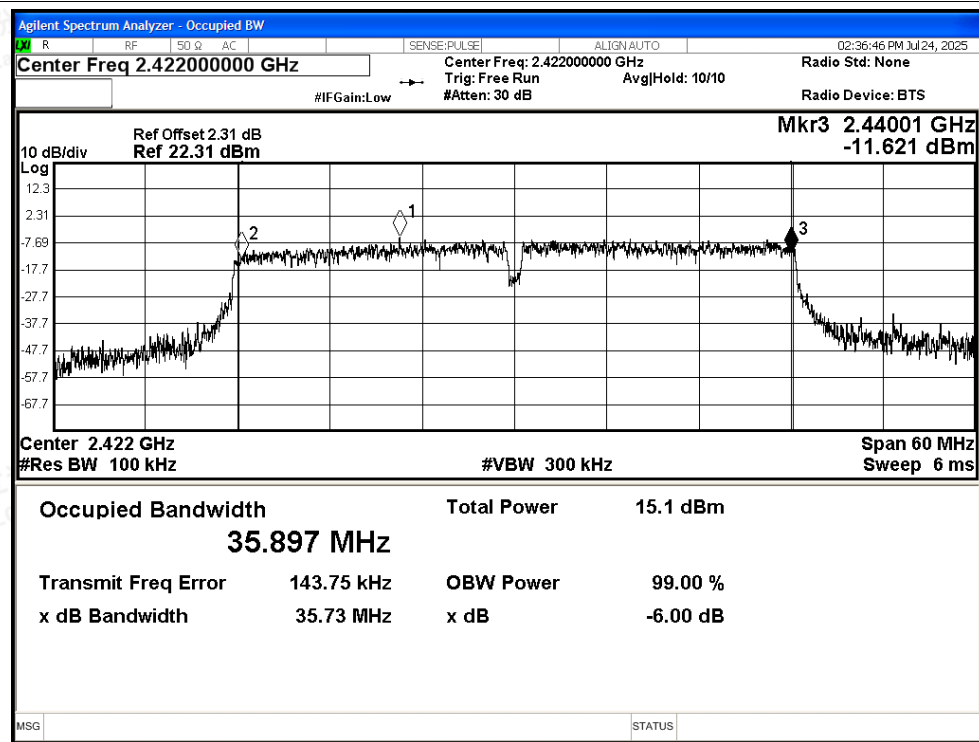
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-6dB Bandwidth NVNT n20 2462MHz Ant1



-6dB Bandwidth NVNT n40 2422MHz Ant1



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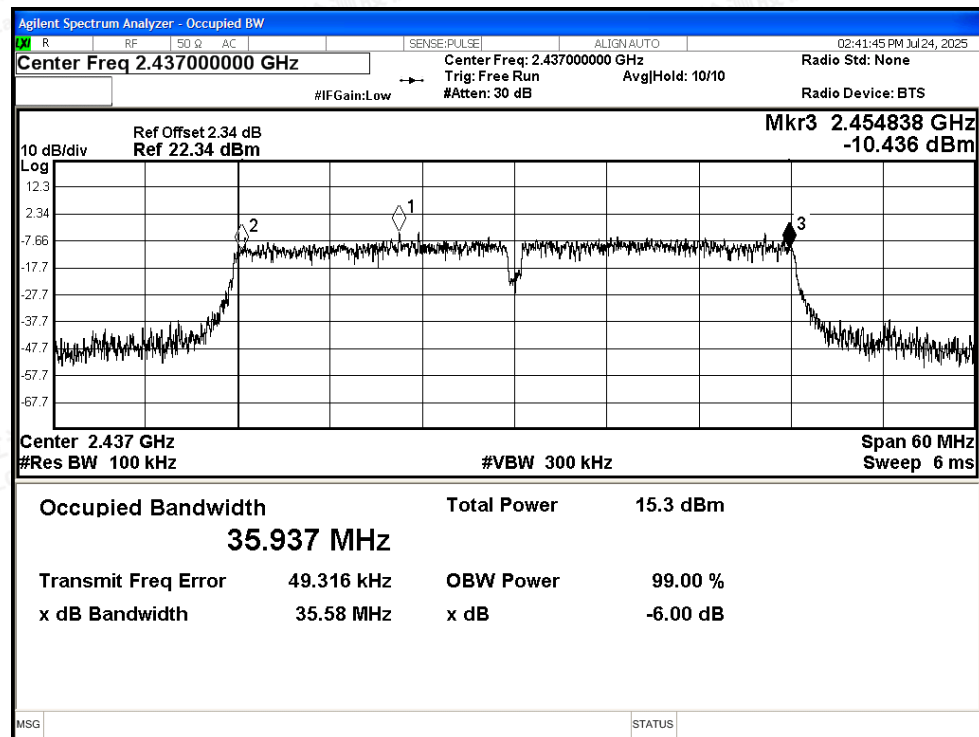
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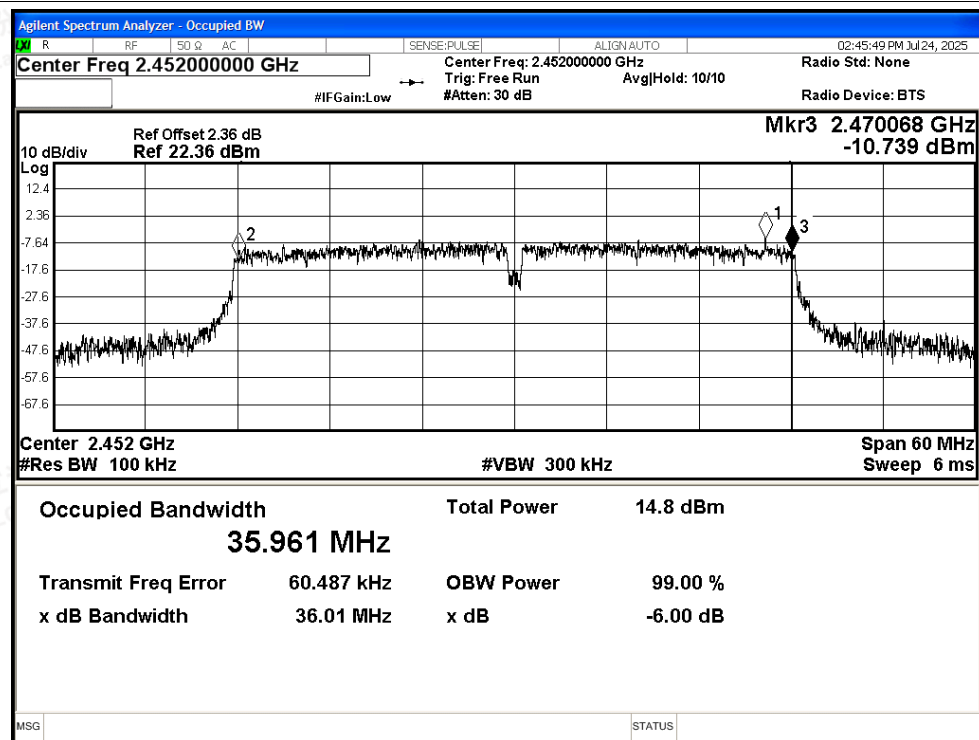
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-6dB Bandwidth NVNT n40 2437MHz Ant1



-6dB Bandwidth NVNT n40 2452MHz Ant1



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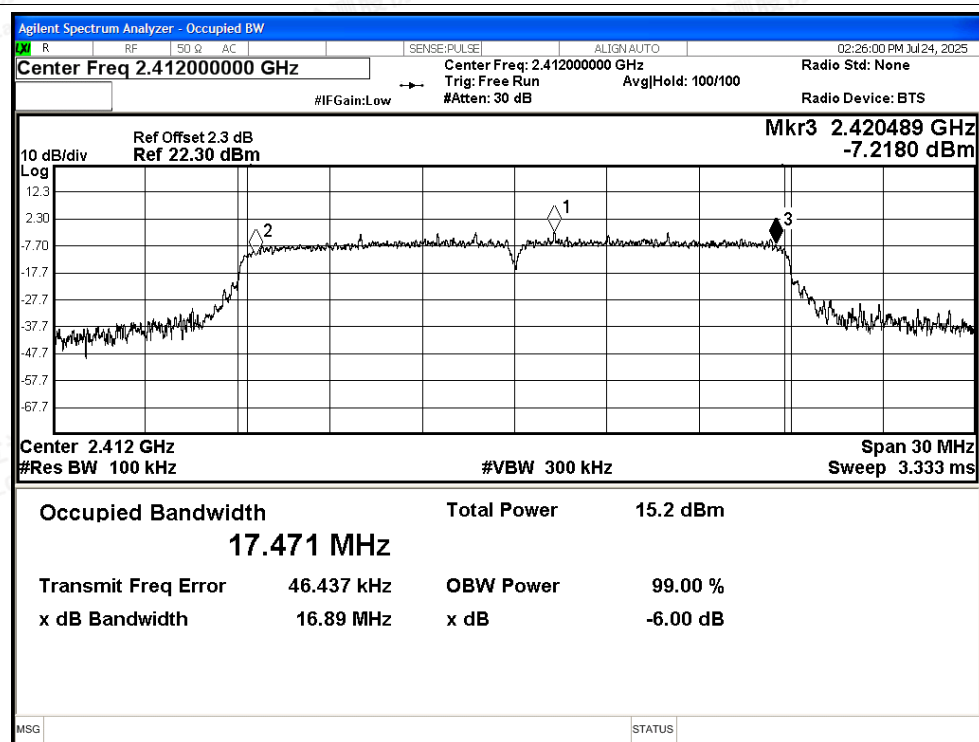
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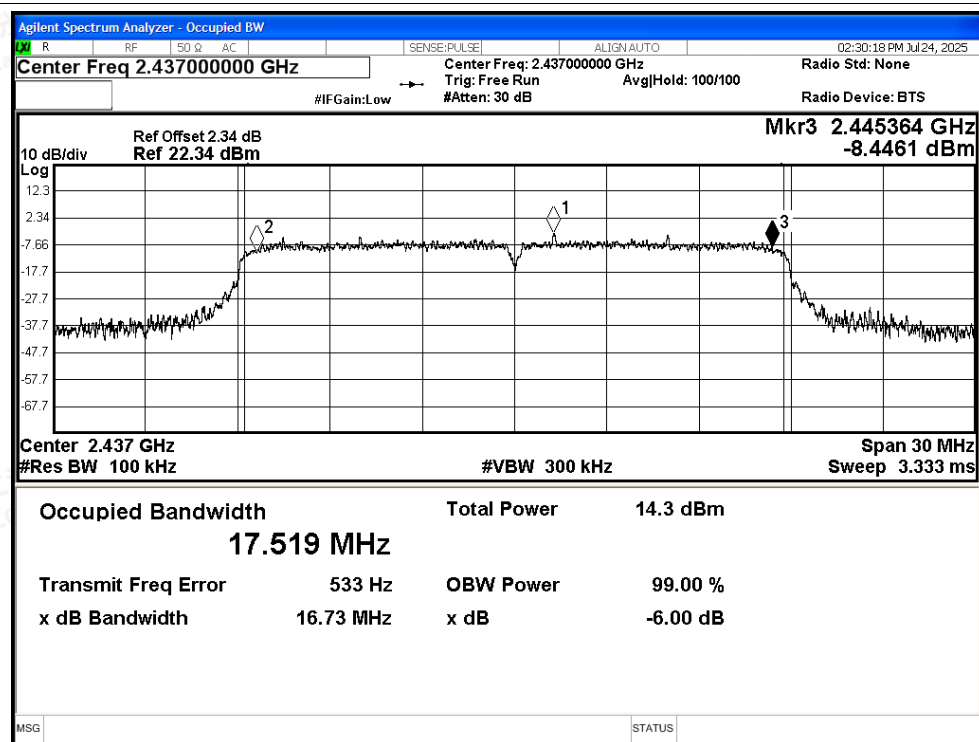
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-6dB Bandwidth NVNT ax20 2412MHz Ant1



-6dB Bandwidth NVNT ax20 2437MHz Ant1



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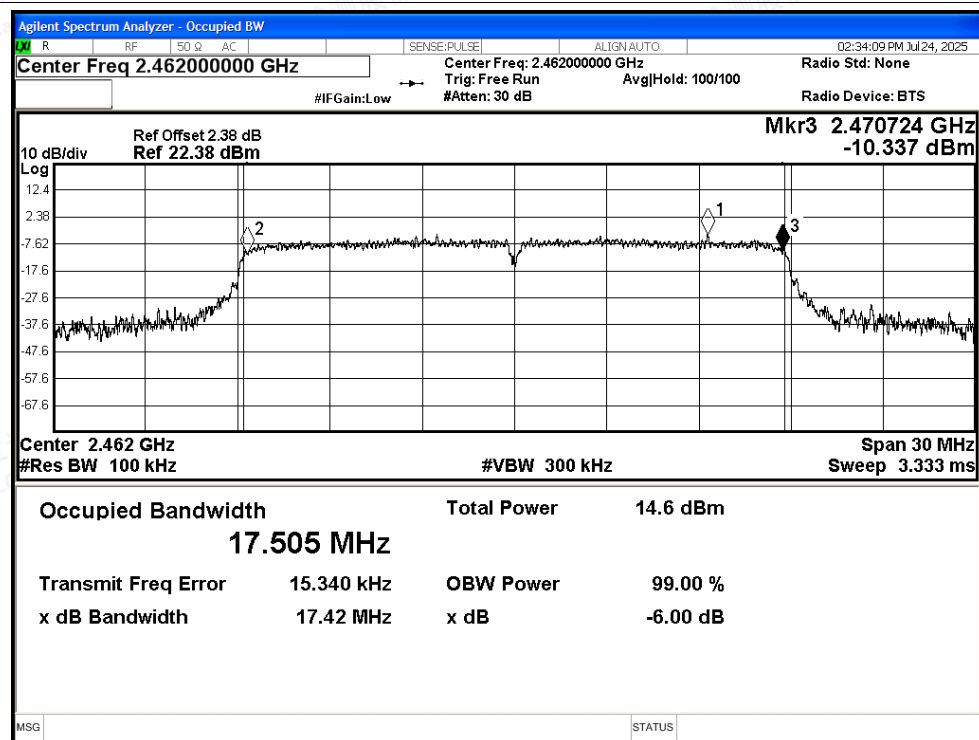
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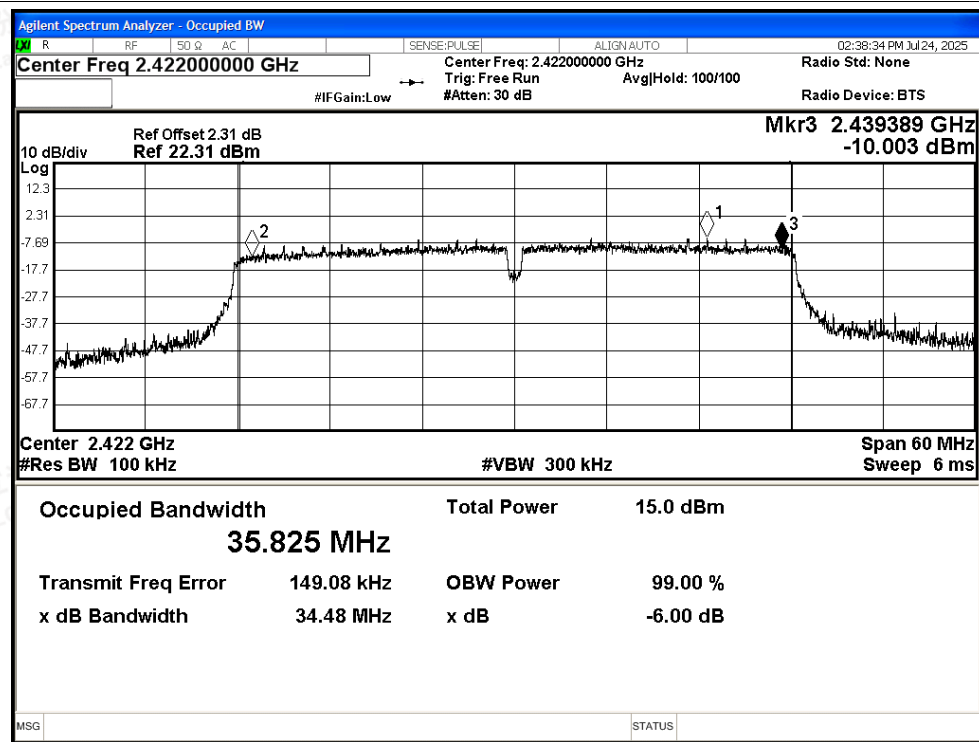
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-6dB Bandwidth NVNT ax20 2462MHz Ant1



-6dB Bandwidth NVNT ax40 2422MHz Ant1



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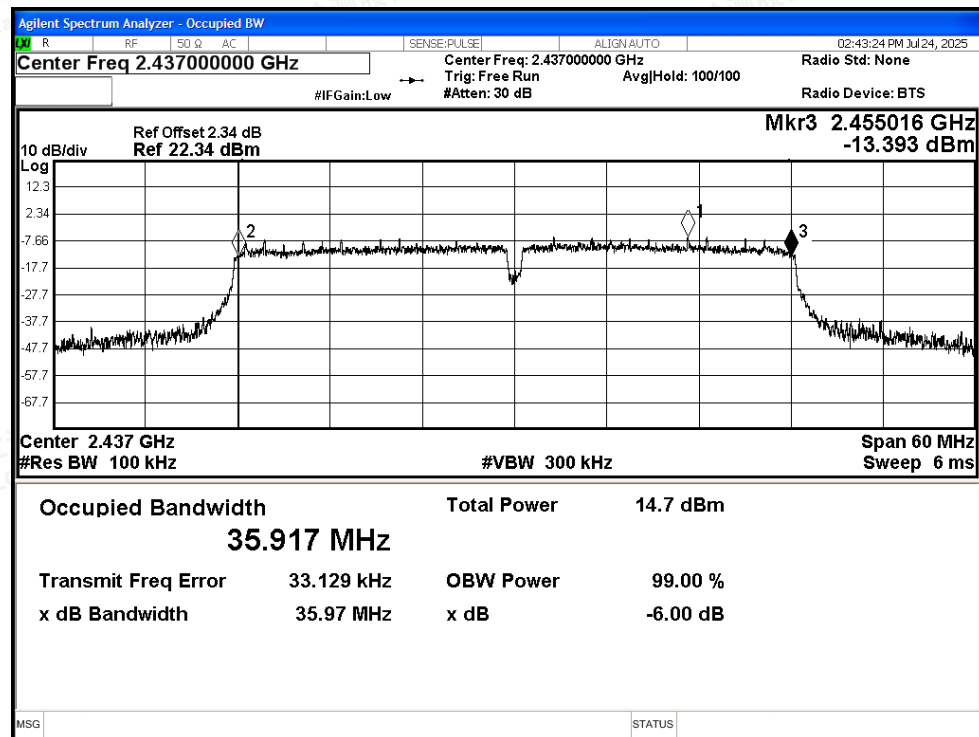
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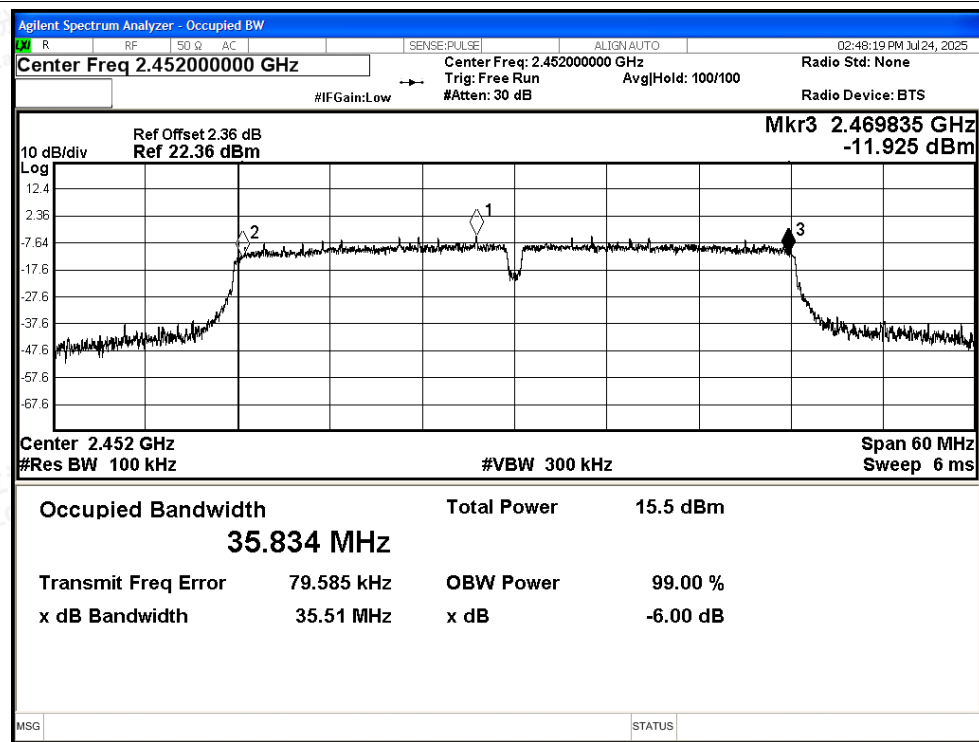
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-6dB Bandwidth NVNT ax40 2437MHz Ant1



-6dB Bandwidth NVNT ax40 2452MHz Ant1



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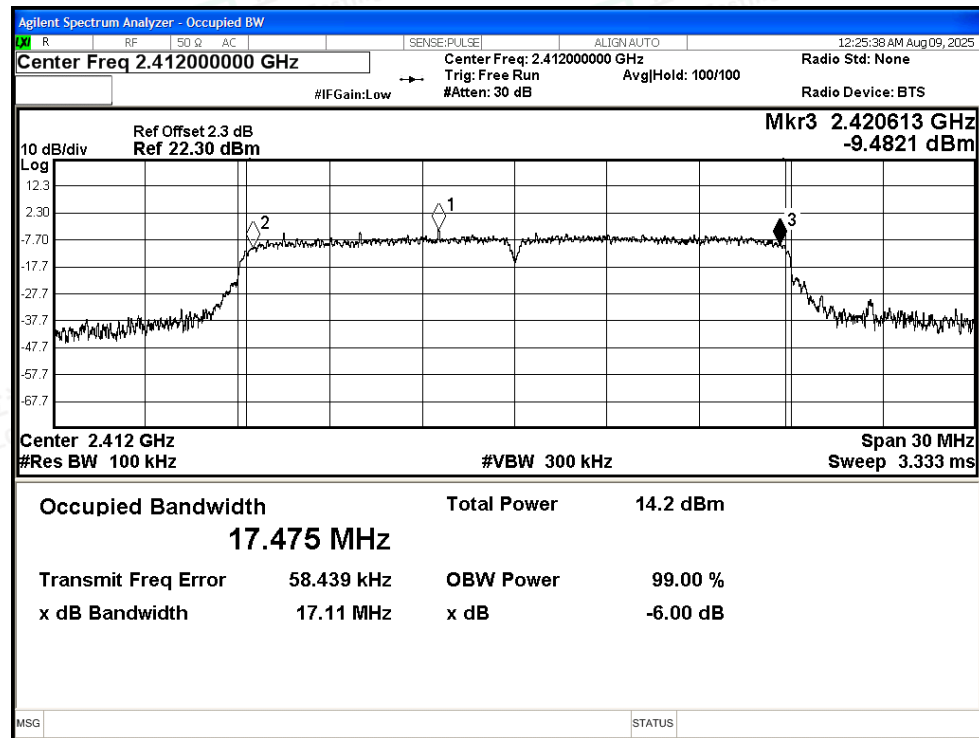
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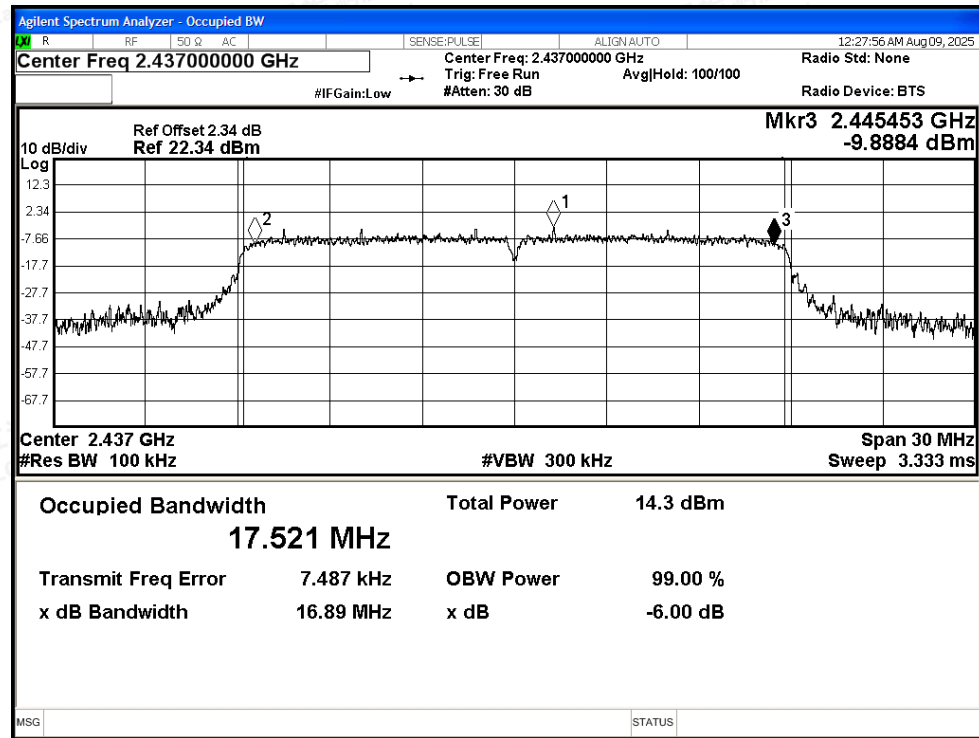
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-6dB Bandwidth NVNT be20 2412MHz Ant1



-6dB Bandwidth NVNT be20 2437MHz Ant1



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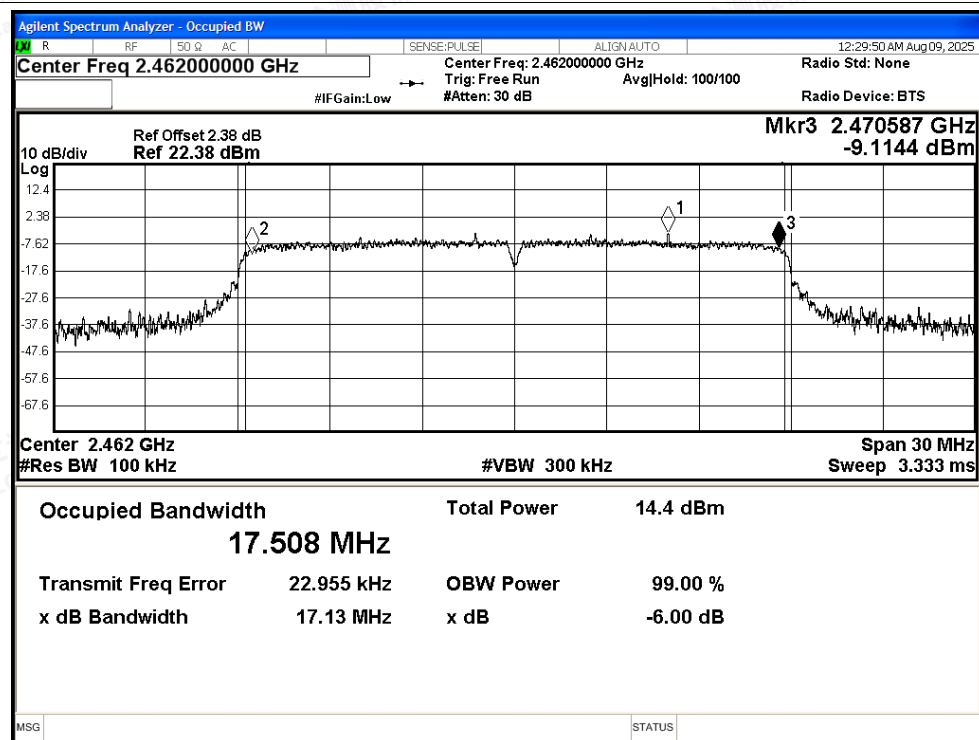
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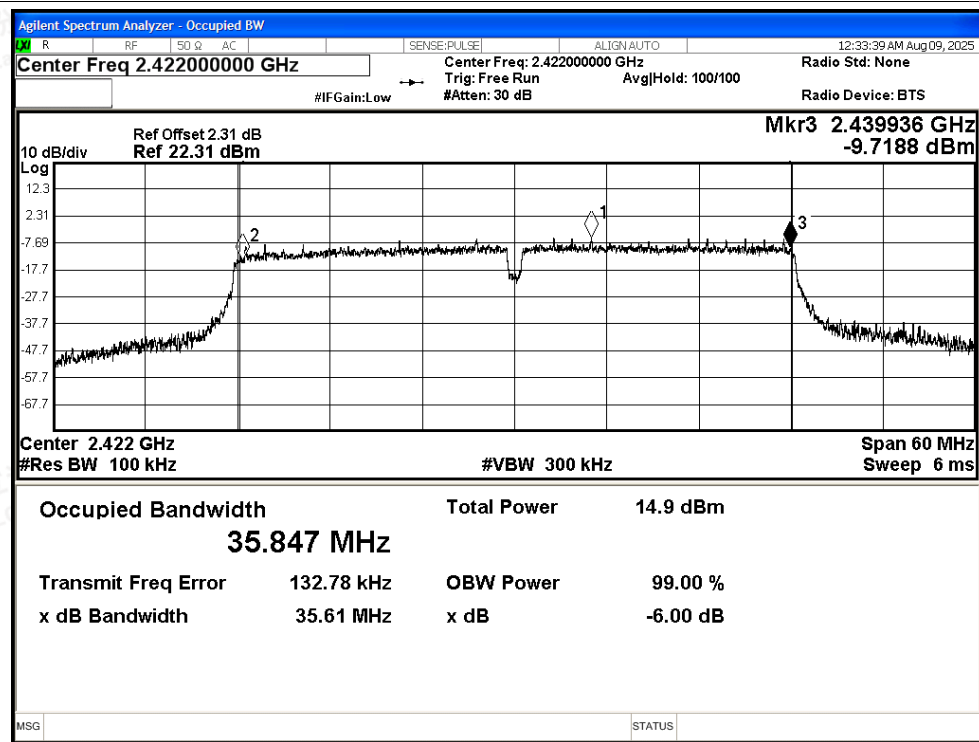
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-6dB Bandwidth NVNT be20 2462MHz Ant1



-6dB Bandwidth NVNT be40 2422MHz Ant1



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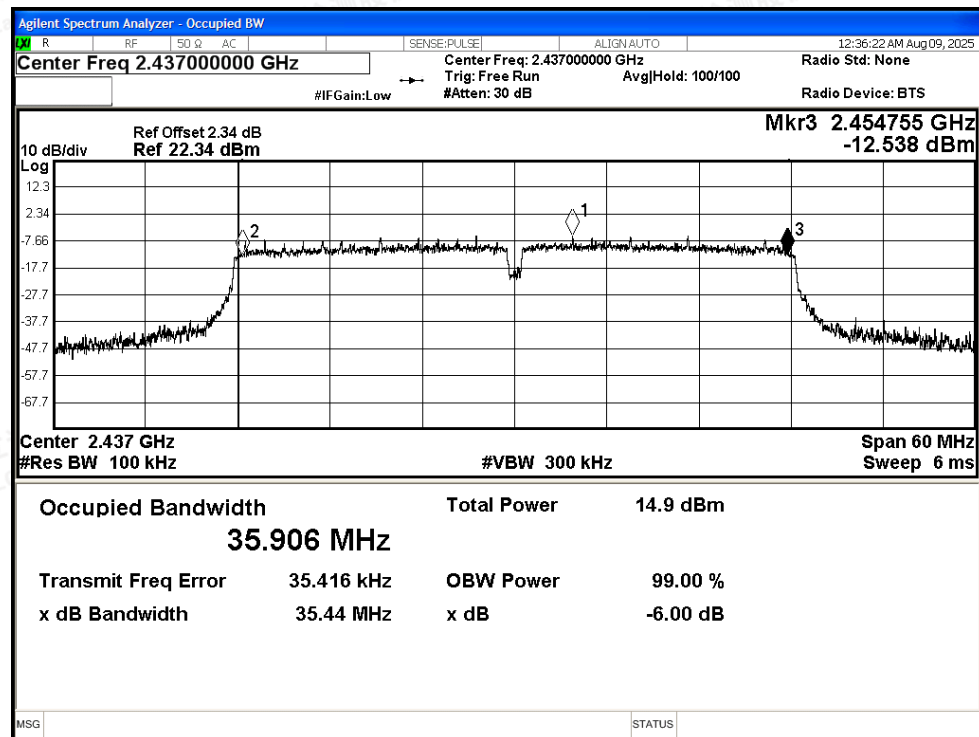
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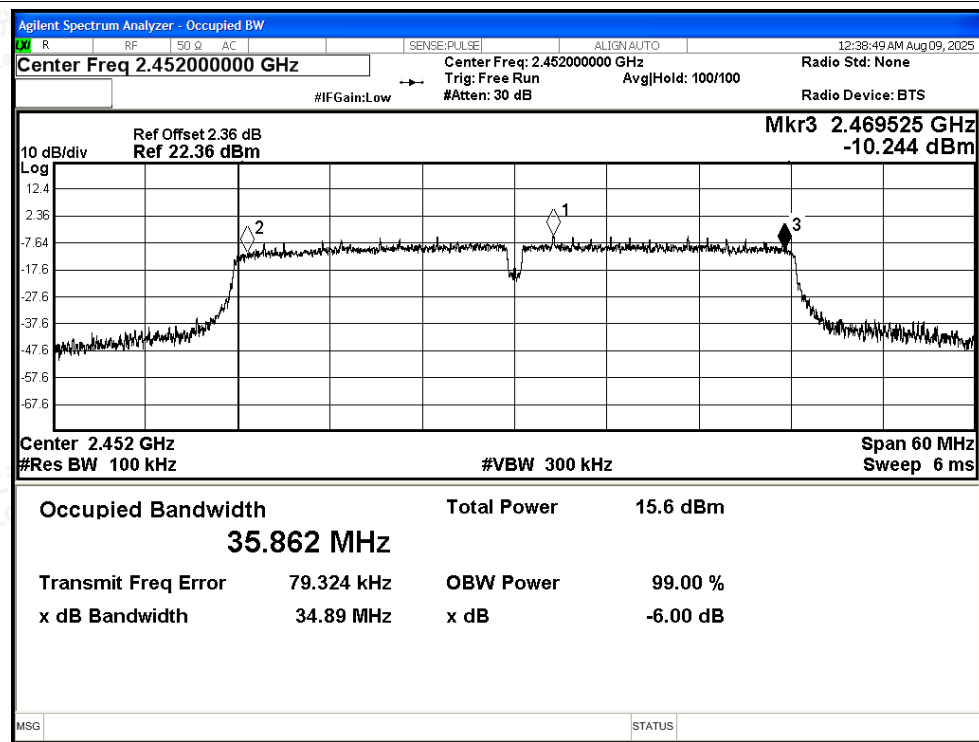
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-6dB Bandwidth NVNT be40 2437MHz Ant1



-6dB Bandwidth NVNT be40 2452MHz Ant1



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Condition	Mode	Frequency (MHz)	Antenna	-6 dB Bandwidth (MHz)	Limit -6 dB Bandwidth (MHz)	Verdict
NVNT	b	2412	Ant2	8.557	≥ 0.5	Pass
NVNT	b	2437	Ant2	8.51	≥ 0.5	Pass
NVNT	b	2462	Ant2	8.575	≥ 0.5	Pass
NVNT	g	2412	Ant2	16.431	≥ 0.5	Pass
NVNT	g	2437	Ant2	16.439	≥ 0.5	Pass
NVNT	g	2462	Ant2	16.519	≥ 0.5	Pass
NVNT	n20	2412	Ant2	17.233	≥ 0.5	Pass
NVNT	n20	2437	Ant2	17.256	≥ 0.5	Pass
NVNT	n20	2462	Ant2	17.564	≥ 0.5	Pass
NVNT	n40	2422	Ant2	34.617	≥ 0.5	Pass
NVNT	n40	2437	Ant2	35.974	≥ 0.5	Pass
NVNT	n40	2452	Ant2	35.733	≥ 0.5	Pass
NVNT	ax20	2412	Ant2	16.569	≥ 0.5	Pass
NVNT	ax20	2437	Ant2	17.262	≥ 0.5	Pass
NVNT	ax20	2462	Ant2	17.137	≥ 0.5	Pass
NVNT	ax40	2422	Ant2	35.563	≥ 0.5	Pass
NVNT	ax40	2437	Ant2	35.502	≥ 0.5	Pass
NVNT	ax40	2452	Ant2	35.578	≥ 0.5	Pass
NVNT	be20	2412	Ant2	16.623	≥ 0.5	Pass
NVNT	be20	2437	Ant2	17.148	≥ 0.5	Pass
NVNT	be20	2462	Ant2	17.406	≥ 0.5	Pass
NVNT	be40	2422	Ant2	35.589	≥ 0.5	Pass
NVNT	be40	2437	Ant2	35.629	≥ 0.5	Pass
NVNT	be40	2452	Ant2	35.454	≥ 0.5	Pass



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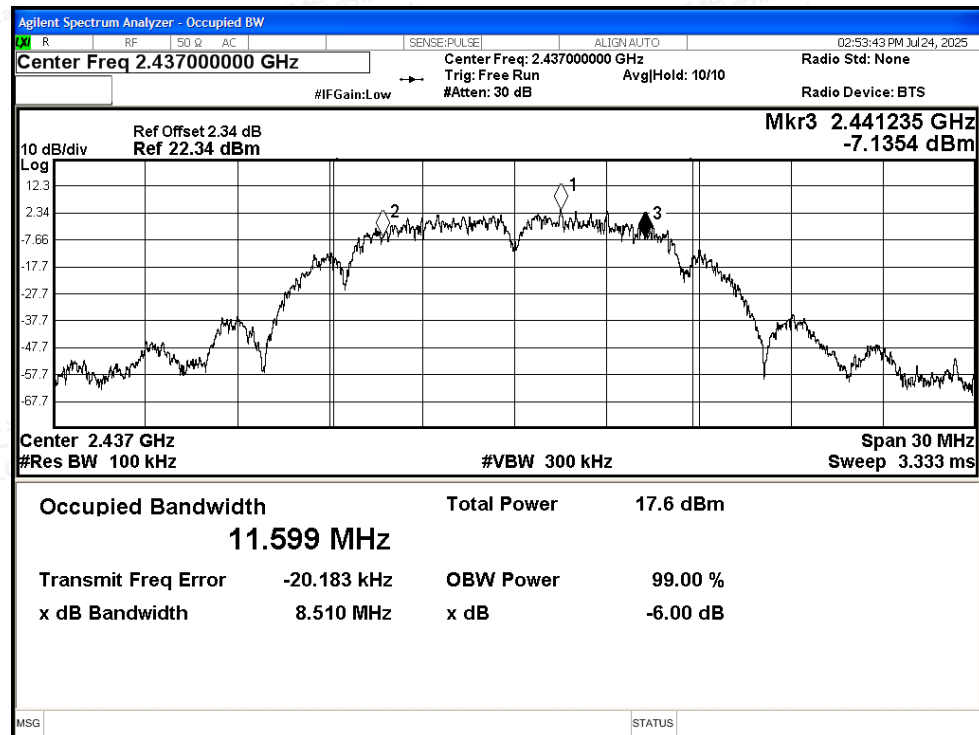


Test Graphs

-6dB Bandwidth NVNT b 2412MHz Ant2



-6dB Bandwidth NVNT b 2437MHz Ant2



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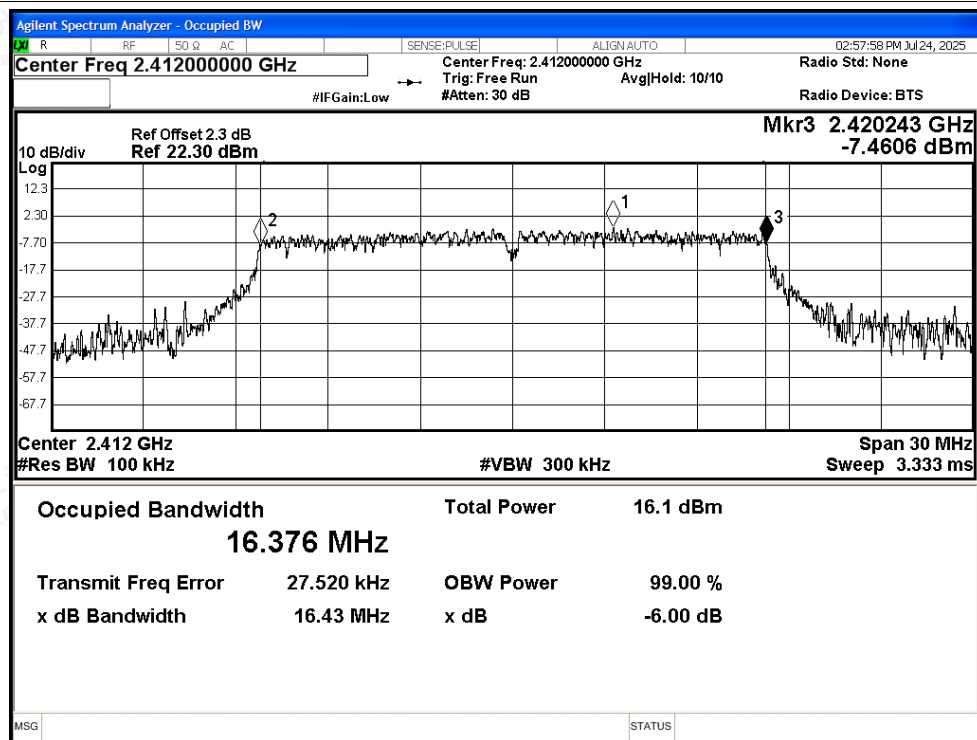
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-6dB Bandwidth NVNT b 2462MHz Ant2



-6dB Bandwidth NVNT g 2412MHz Ant2



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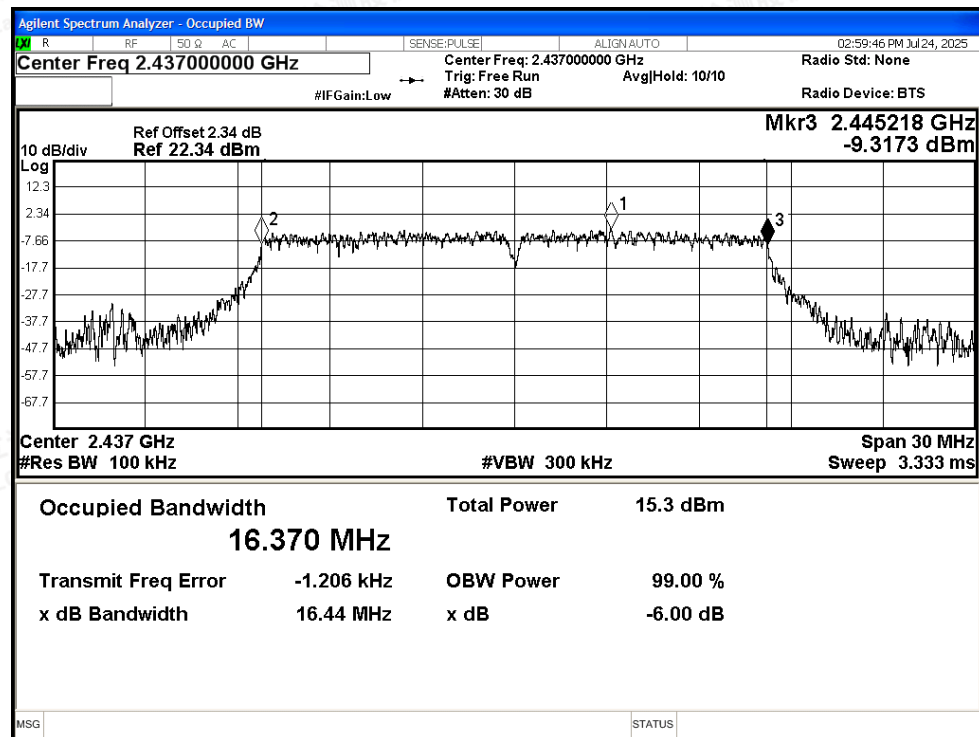
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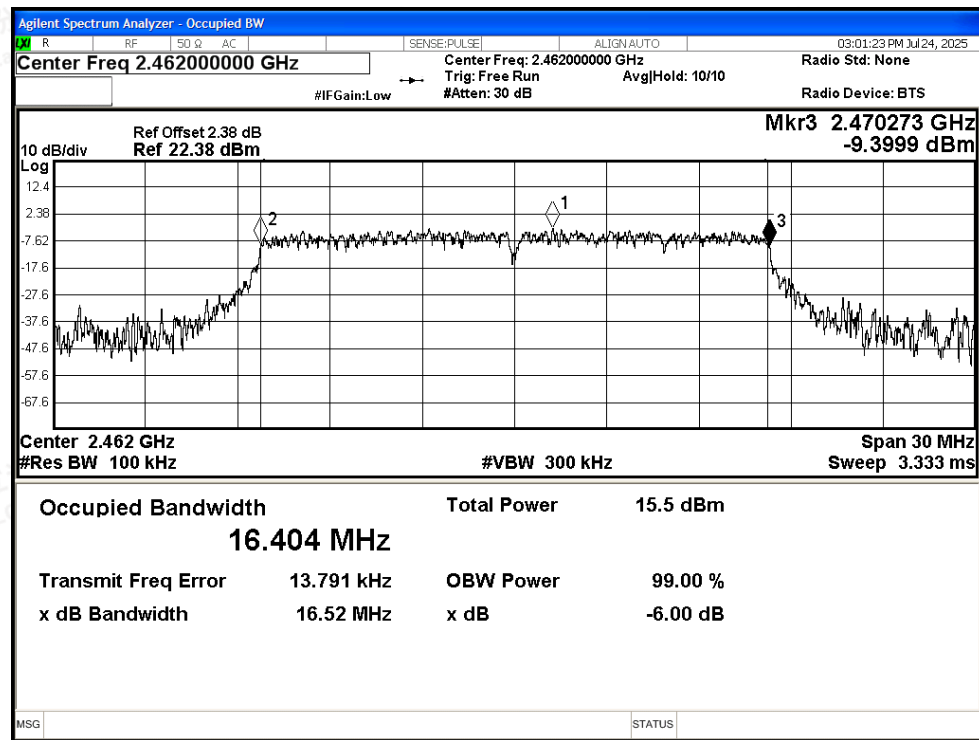
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-6dB Bandwidth NVNT g 2437MHz Ant2



-6dB Bandwidth NVNT g 2462MHz Ant2



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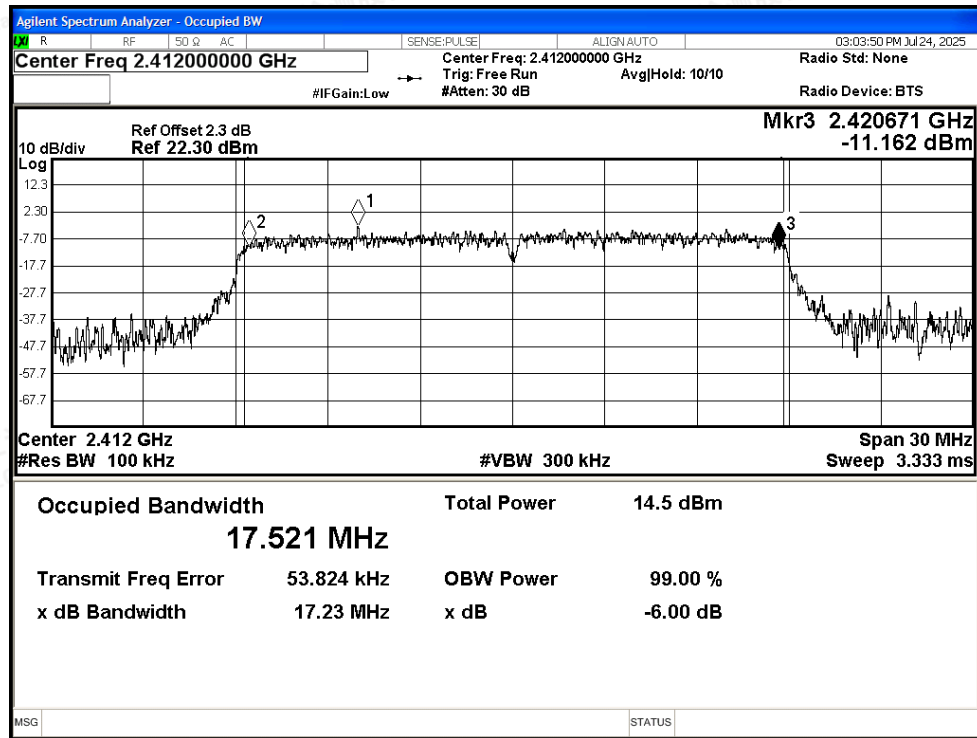
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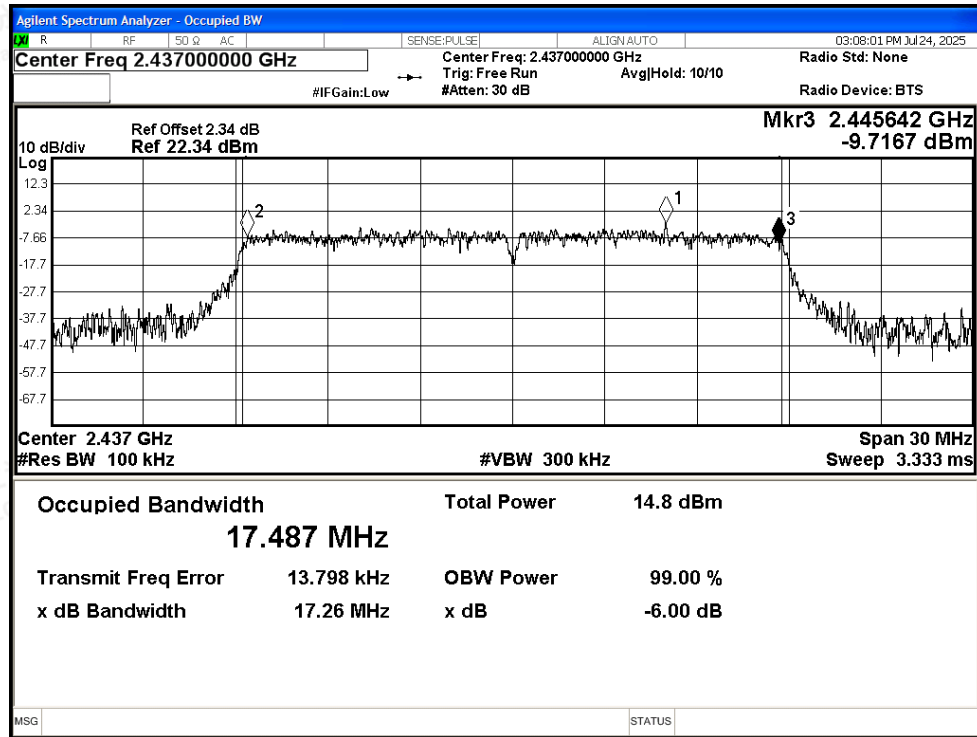
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-6dB Bandwidth NVNT n20 2412MHz Ant2



-6dB Bandwidth NVNT n20 2437MHz Ant2



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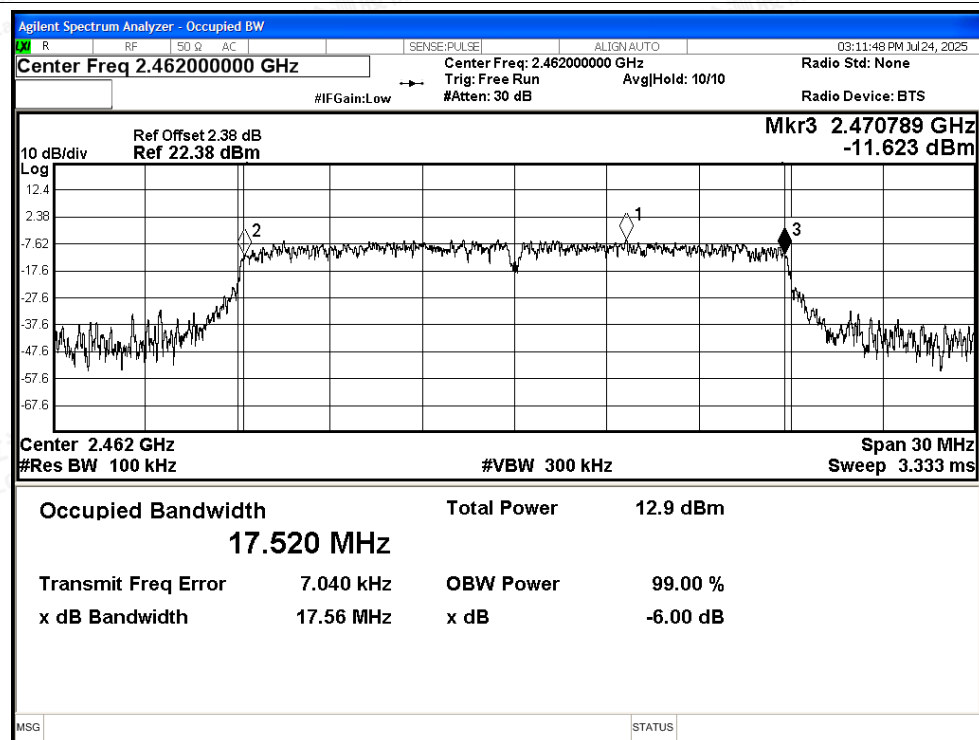
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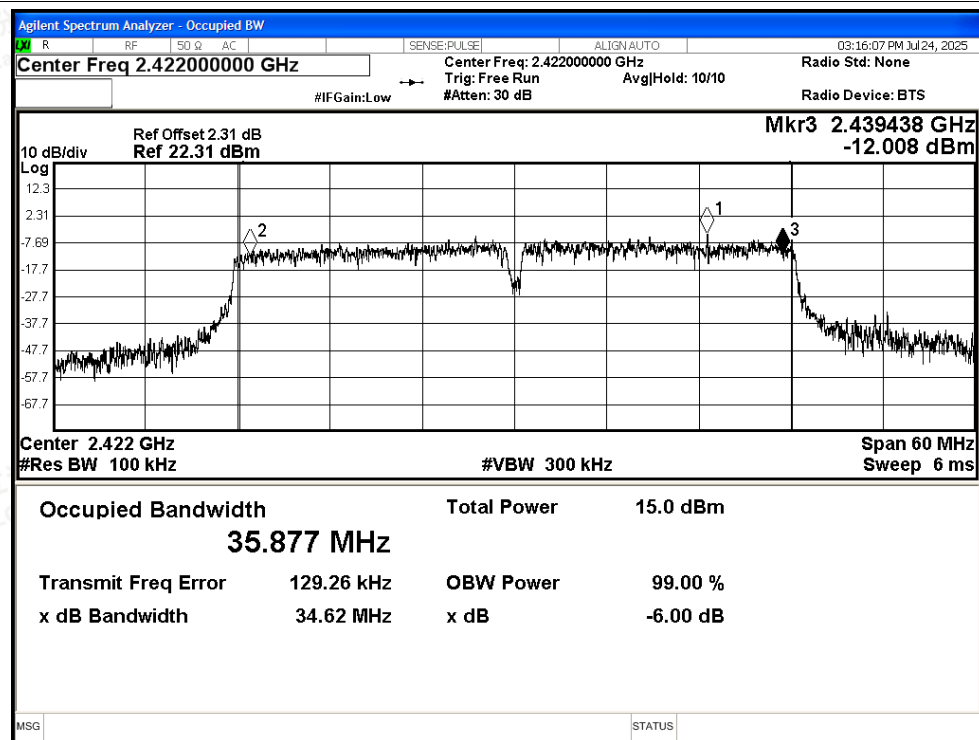
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-6dB Bandwidth NVNT n20 2462MHz Ant2



-6dB Bandwidth NVNT n40 2422MHz Ant2

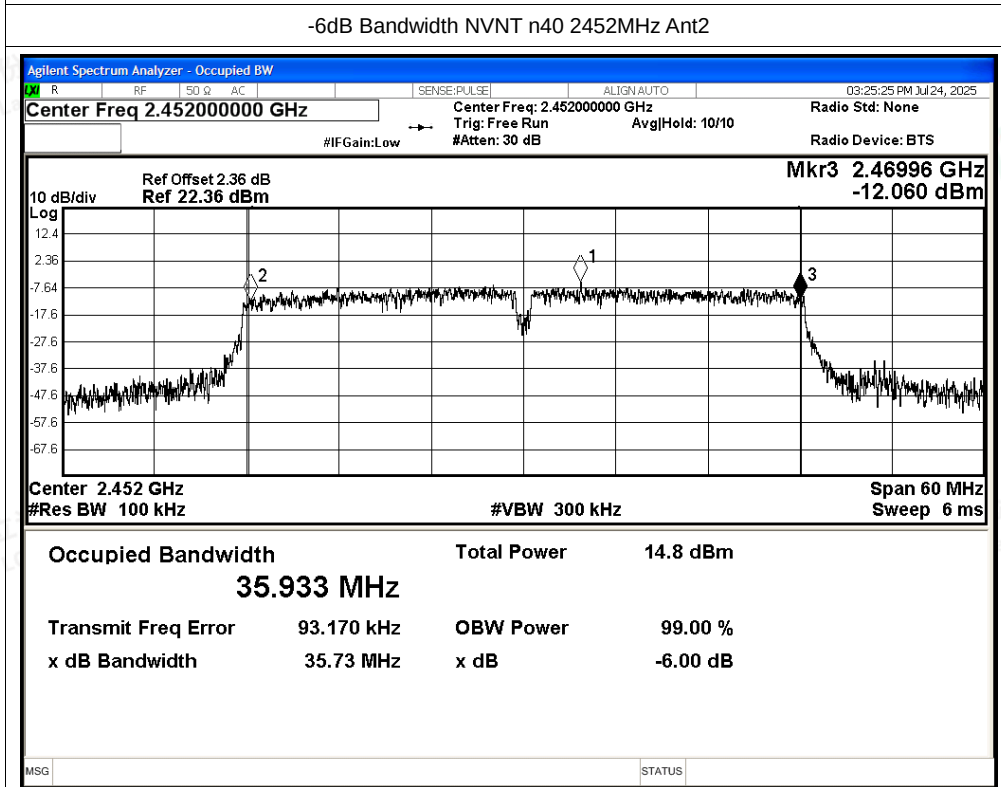
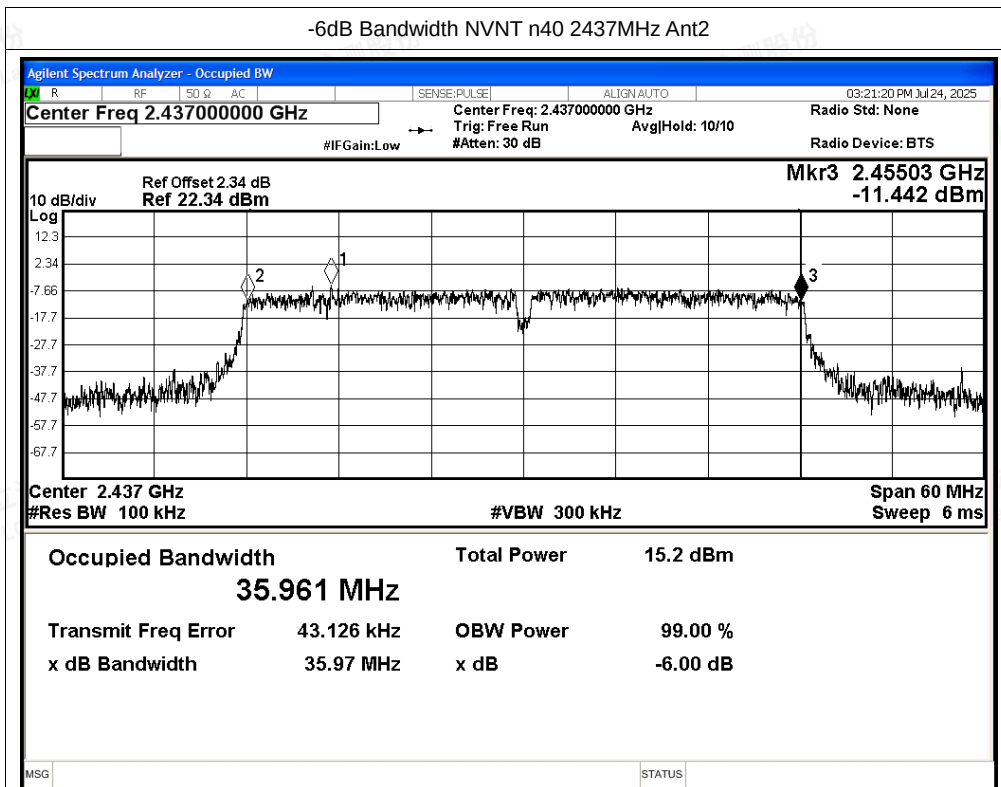


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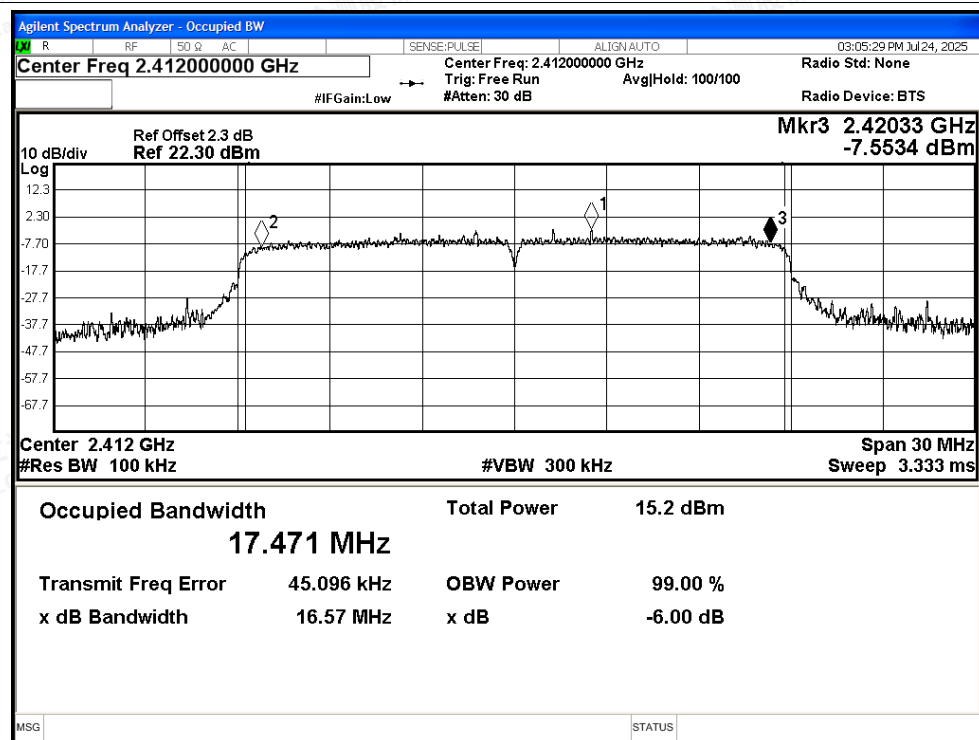
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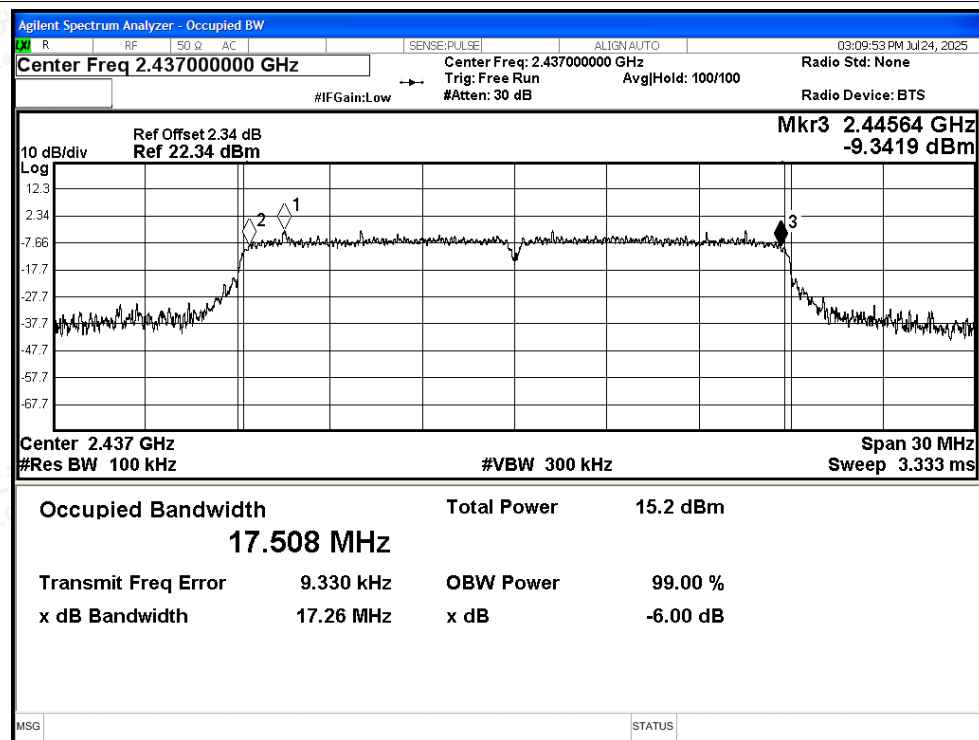
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-6dB Bandwidth NVNT ax20 2412MHz Ant2



-6dB Bandwidth NVNT ax20 2437MHz Ant2



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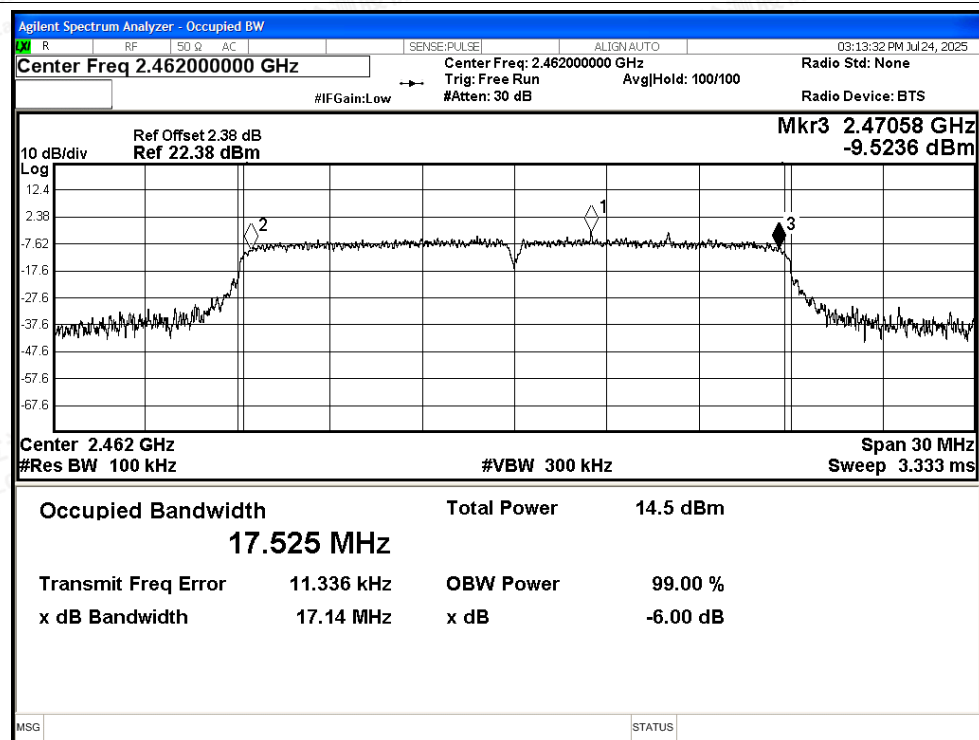
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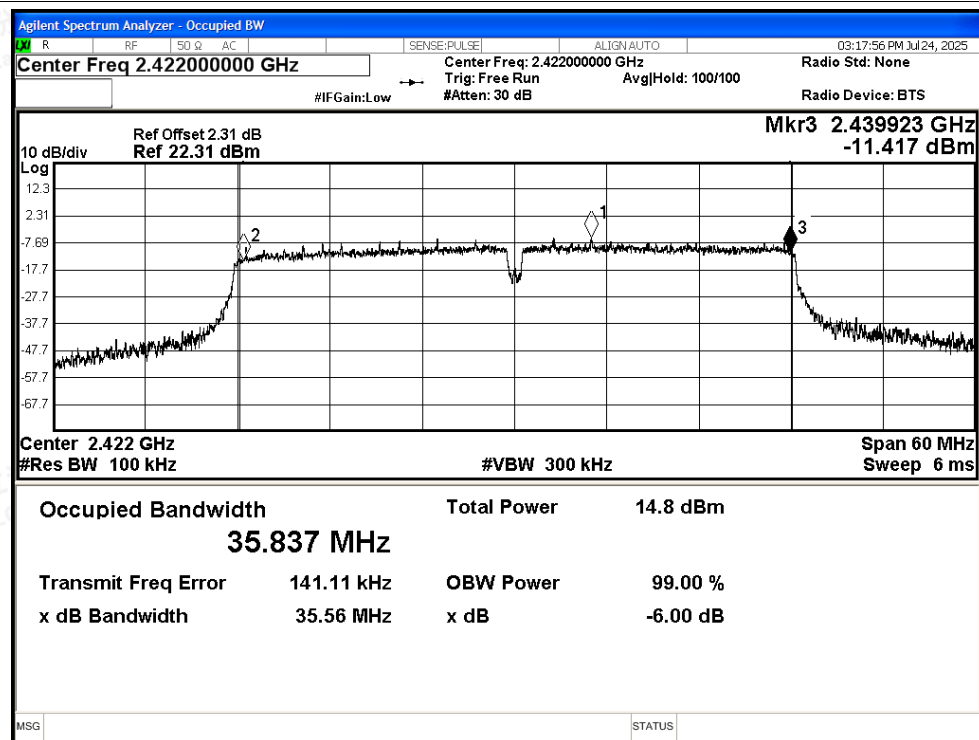
Scan code to check authenticity



-6dB Bandwidth NVNT ax20 2462MHz Ant2



-6dB Bandwidth NVNT ax40 2422MHz Ant2

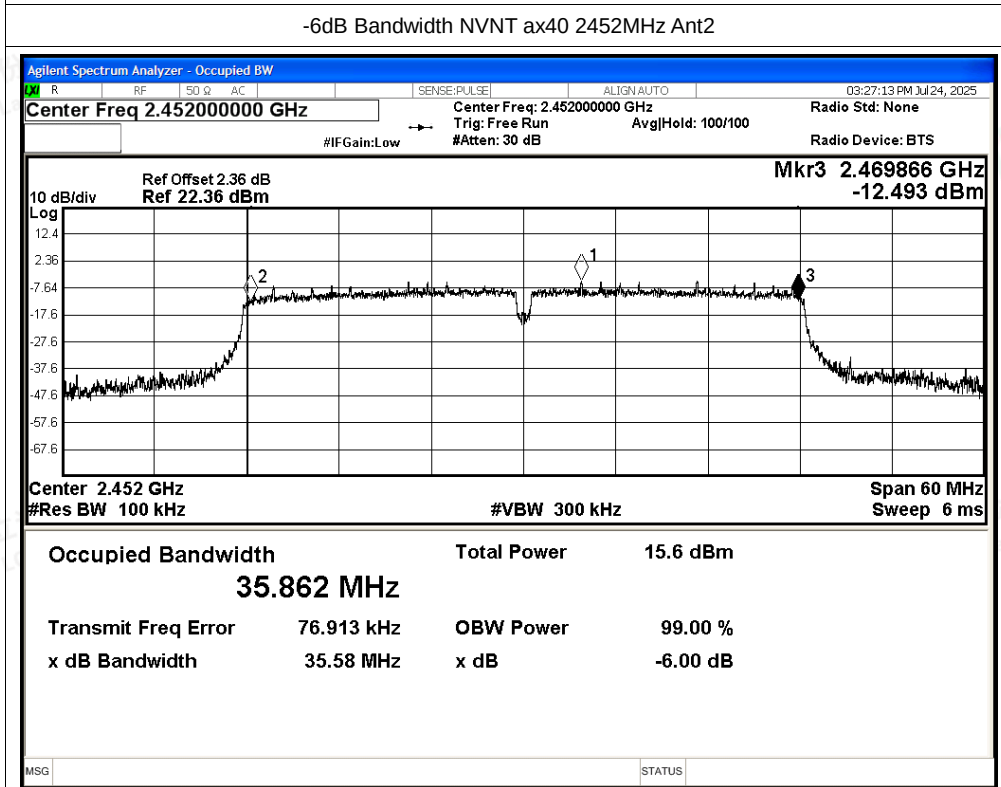
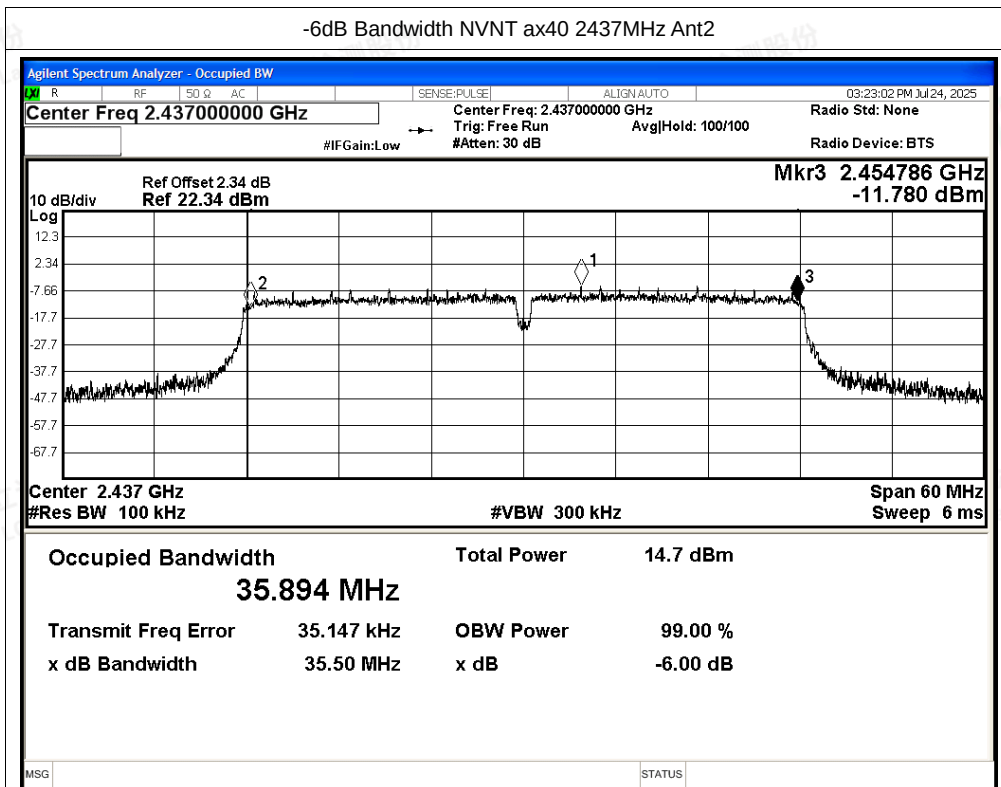


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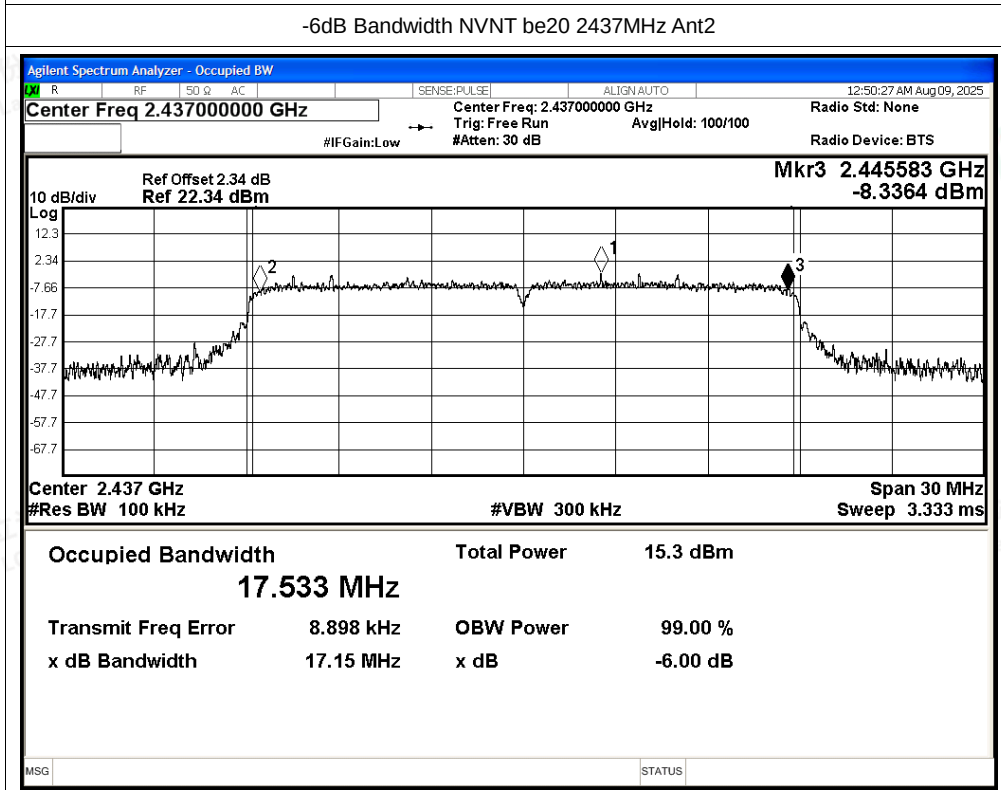
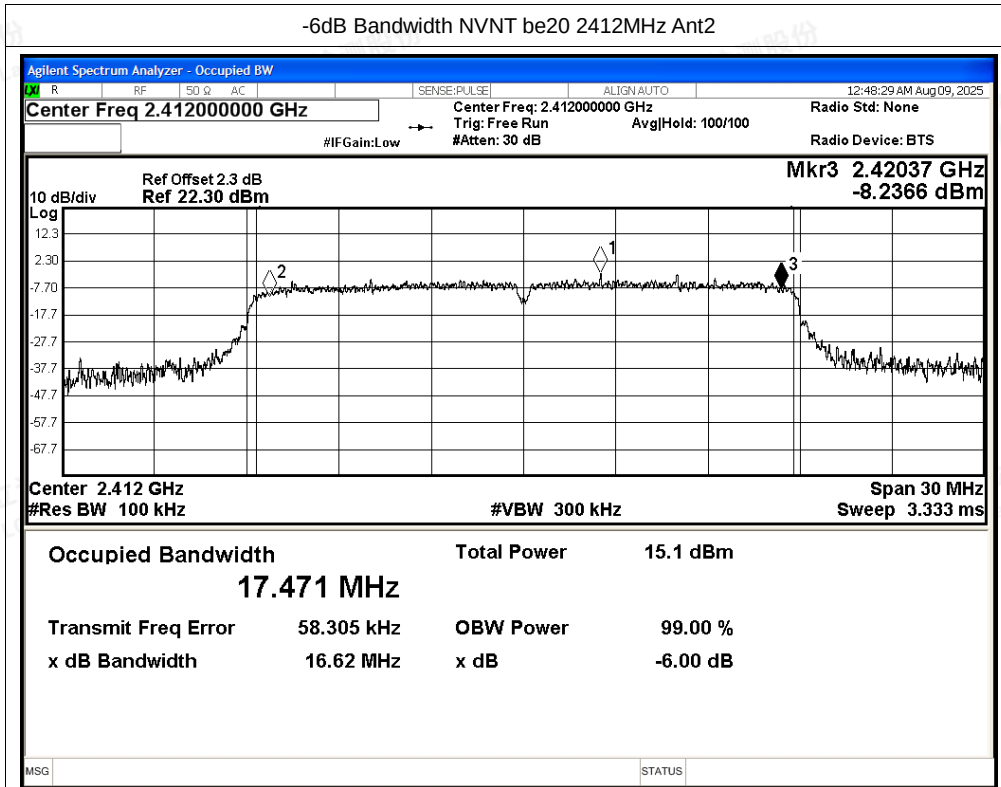


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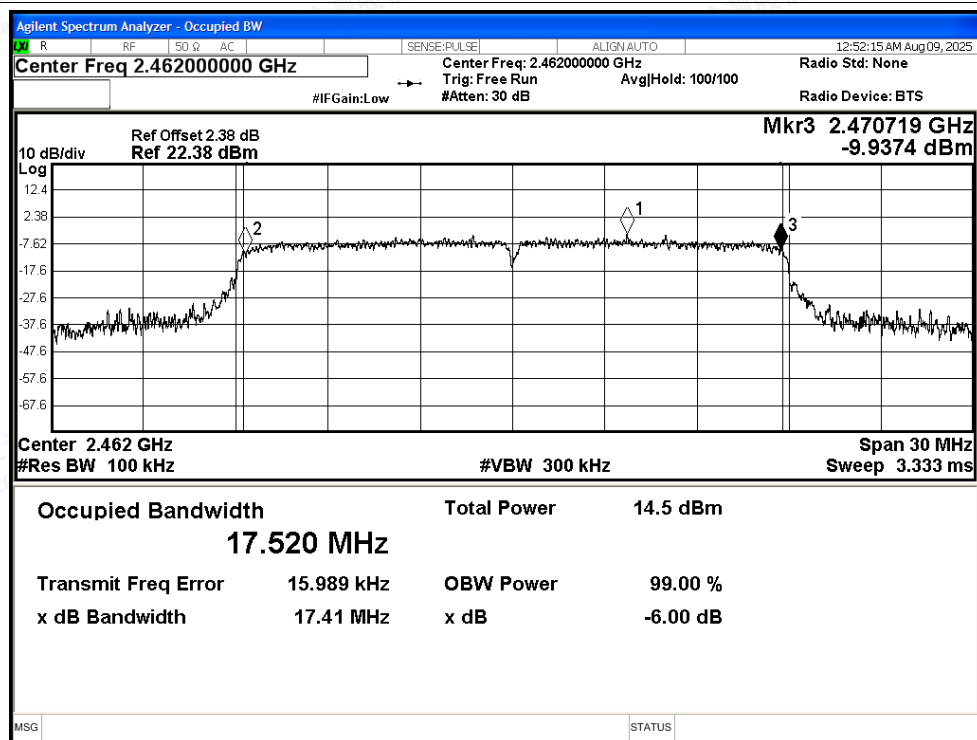
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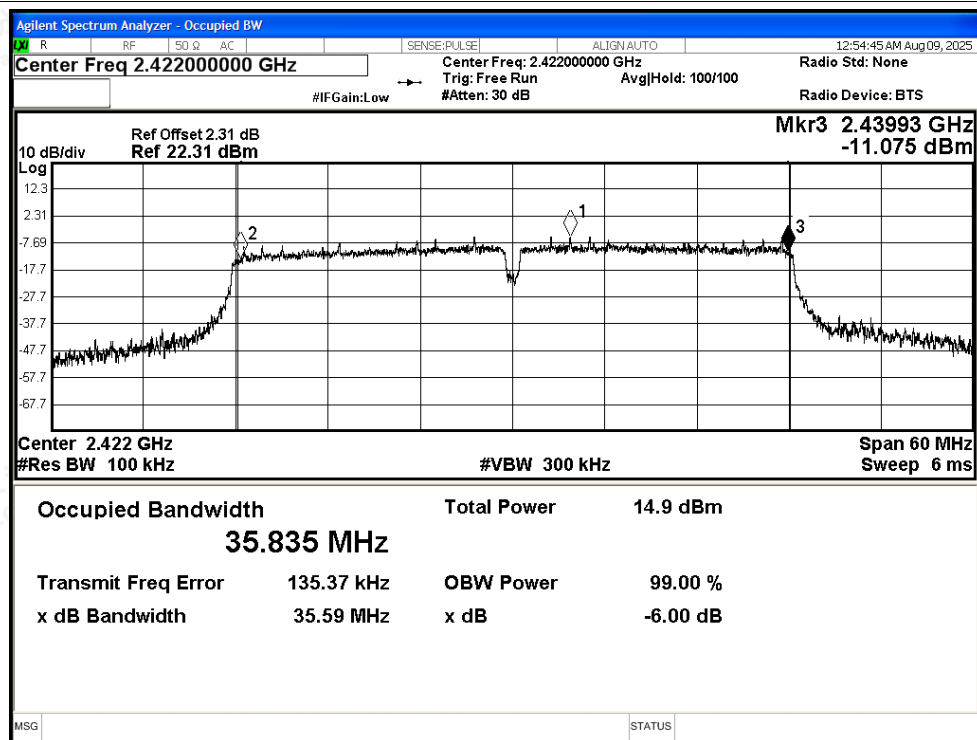
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-6dB Bandwidth NVNT be20 2462MHz Ant2



-6dB Bandwidth NVNT be40 2422MHz Ant2

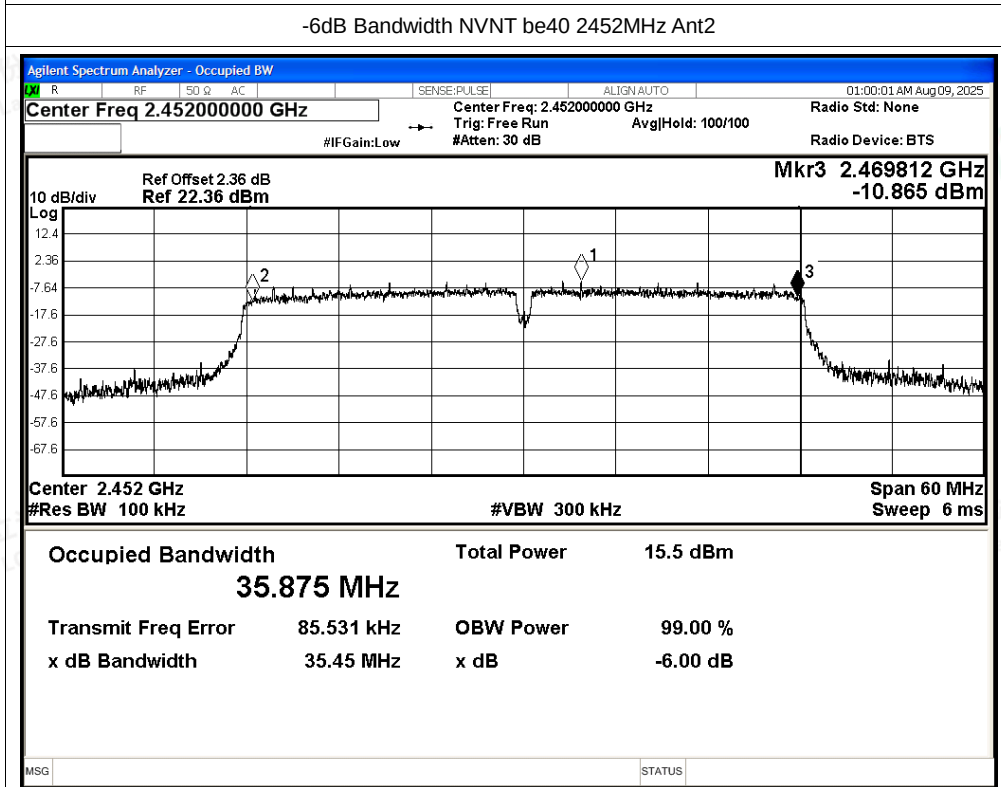
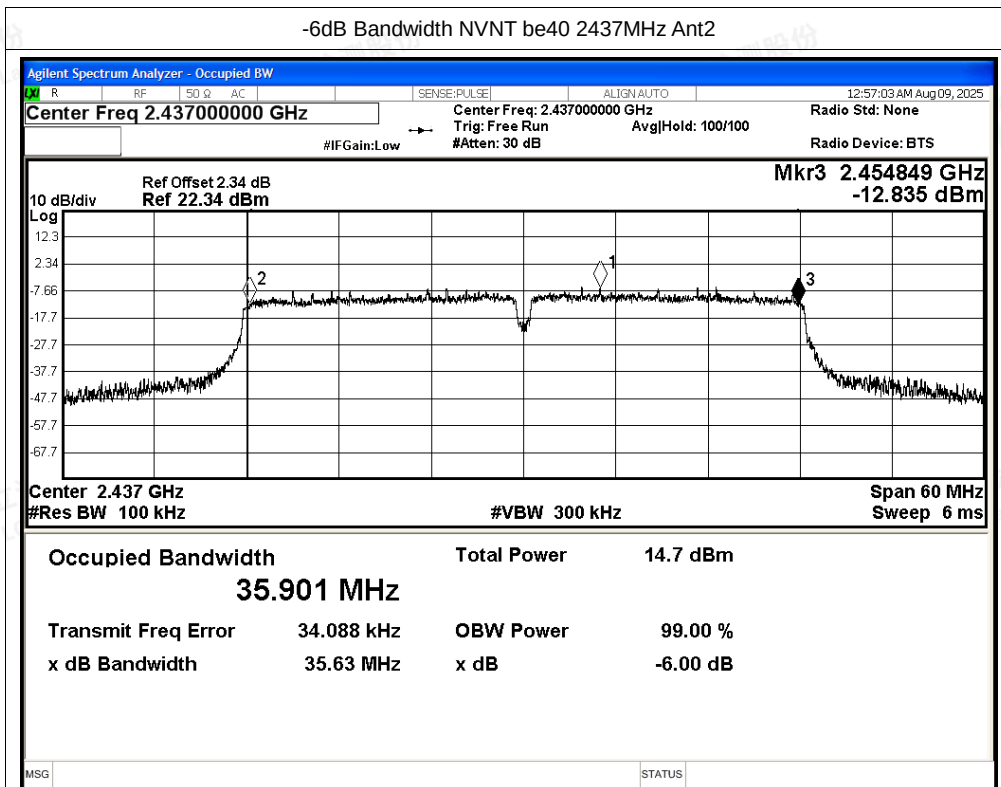


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Occupied Channel Bandwidth

Condition	Mode	Frequency (MHz)	Antenna	99% OBW (MHz)
NVNT	b	2412	Ant1	11.788
NVNT	b	2437	Ant1	11.832
NVNT	b	2462	Ant1	11.658
NVNT	g	2412	Ant1	16.413
NVNT	g	2437	Ant1	16.426
NVNT	g	2462	Ant1	16.378
NVNT	n20	2412	Ant1	17.473
NVNT	n20	2437	Ant1	17.563
NVNT	n20	2462	Ant1	17.504
NVNT	n40	2422	Ant1	35.887
NVNT	n40	2437	Ant1	35.989
NVNT	n40	2452	Ant1	36.003
NVNT	ax20	2412	Ant1	17.506
NVNT	ax20	2437	Ant1	17.552
NVNT	ax20	2462	Ant1	17.55
NVNT	ax40	2422	Ant1	35.972
NVNT	ax40	2437	Ant1	36.043
NVNT	ax40	2452	Ant1	35.959
NVNT	be20	2412	Ant1	17.517
NVNT	be20	2437	Ant1	17.573
NVNT	be20	2462	Ant1	17.53
NVNT	be40	2422	Ant1	35.994
NVNT	be40	2437	Ant1	36.006
NVNT	be40	2452	Ant1	35.911



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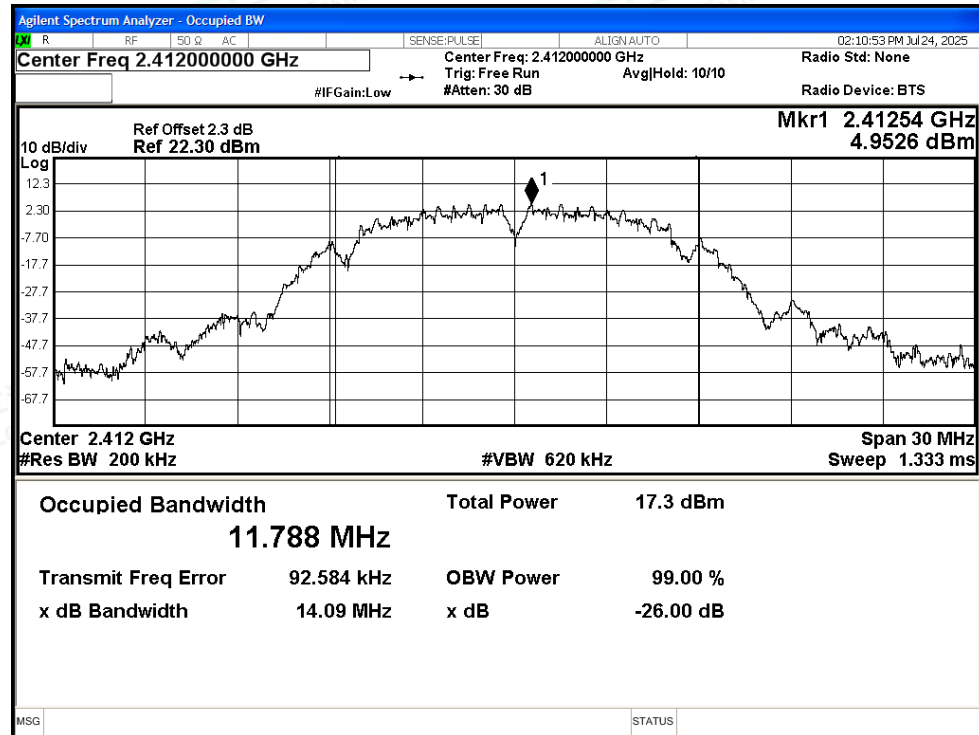
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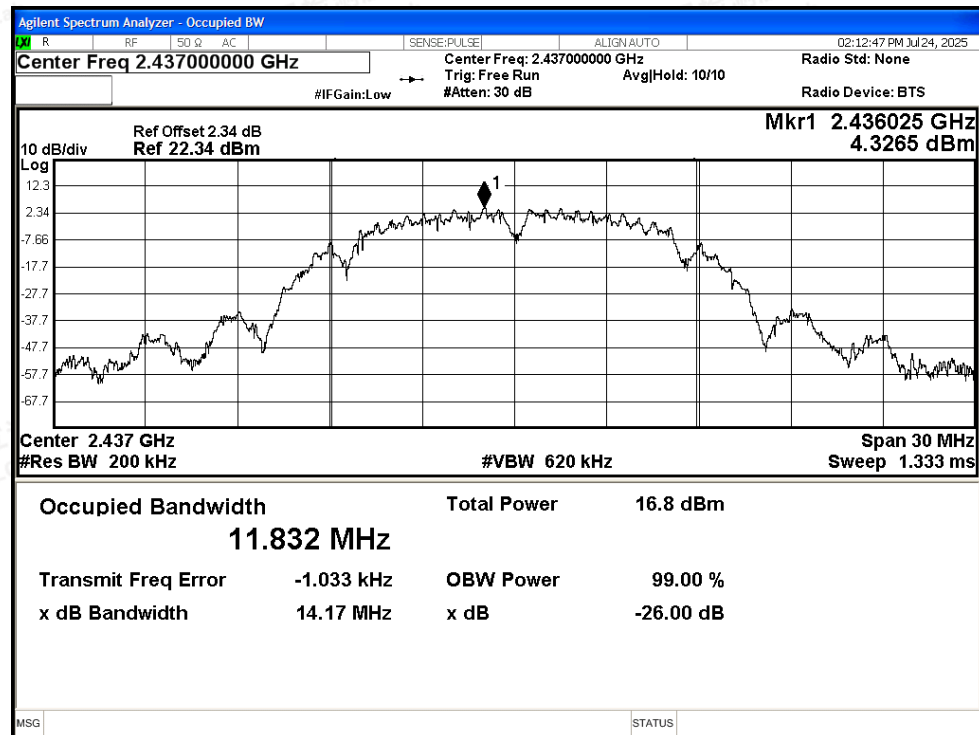


Test Graphs

OBW NVNT b 2412MHz Ant1



OBW NVNT b 2437MHz Ant1



Shenzhen LCS Compliance Testing Laboratory Ltd.

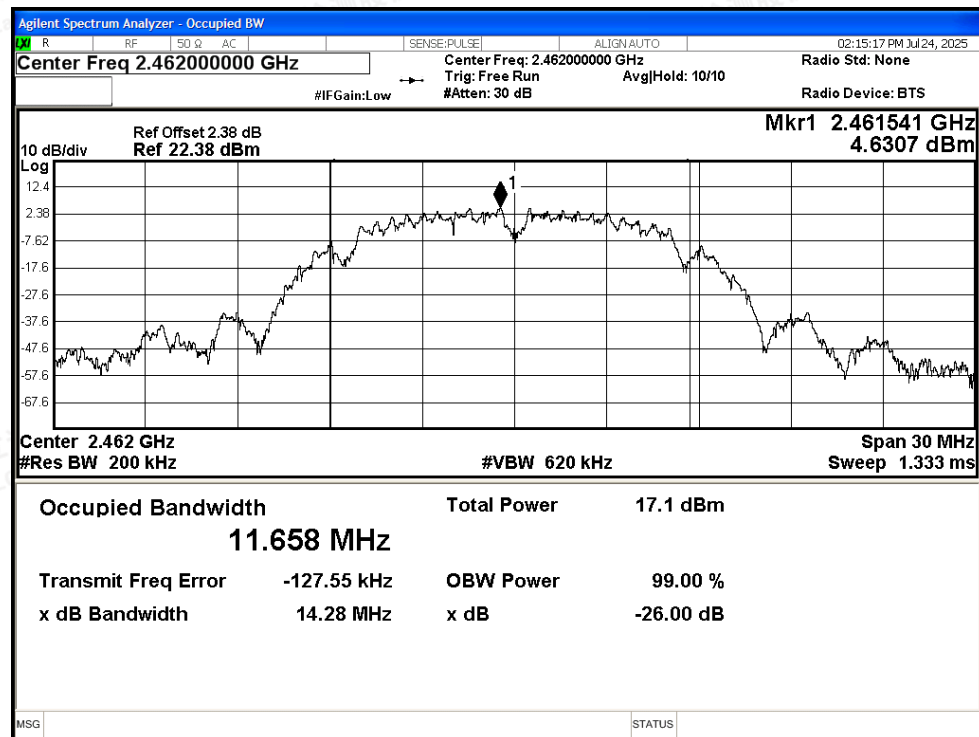
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Tel: +(86) 0755-82591330 | E-mail: webmaster@lcs-cert.com | Web: www.lcs-cert.com

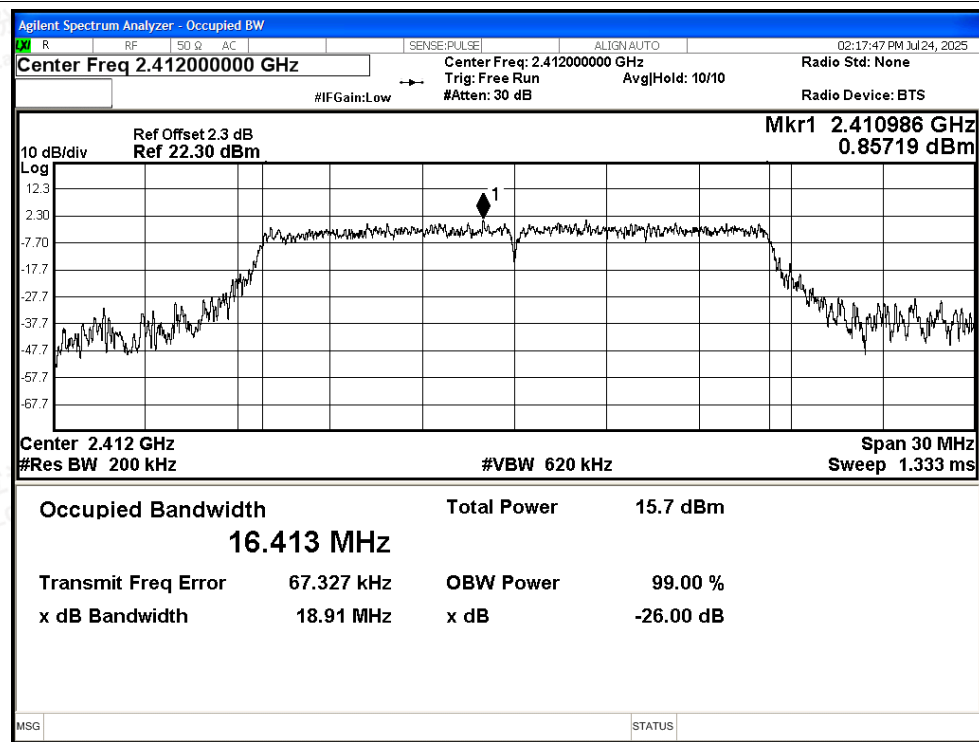
Scan code to check authenticity



OBW NVNT b 2462MHz Ant1



OBW NVNT g 2412MHz Ant1



Shenzhen LCS Compliance Testing Laboratory Ltd.

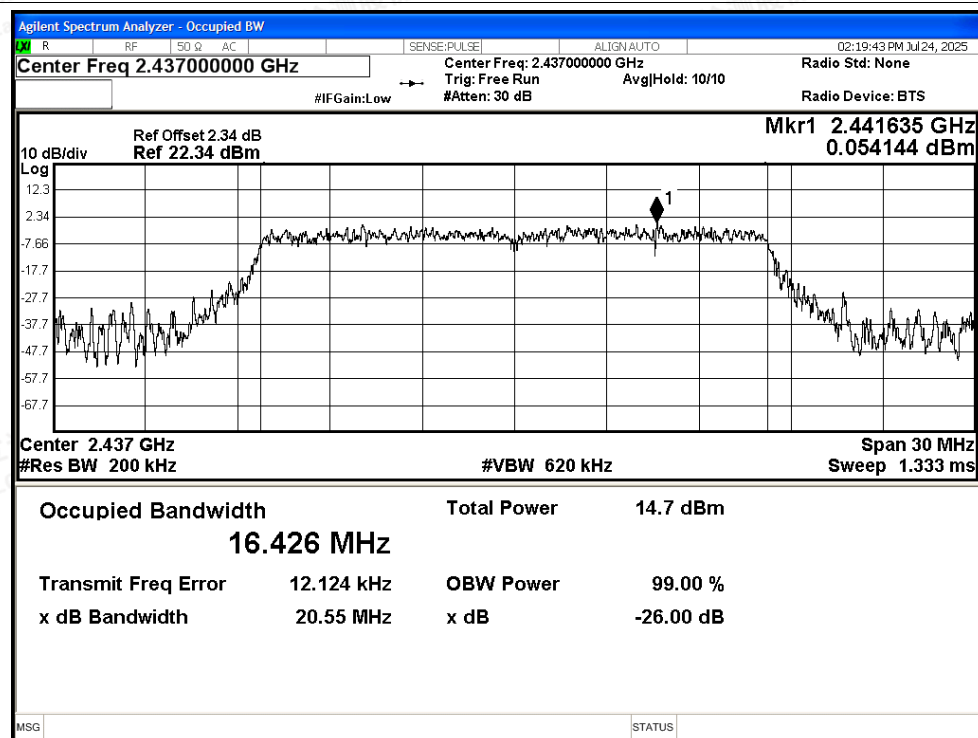
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Tel: +(86) 0755-82591330 | E-mail: webmaster@lcs-cert.com | Web: www.lcs-cert.com

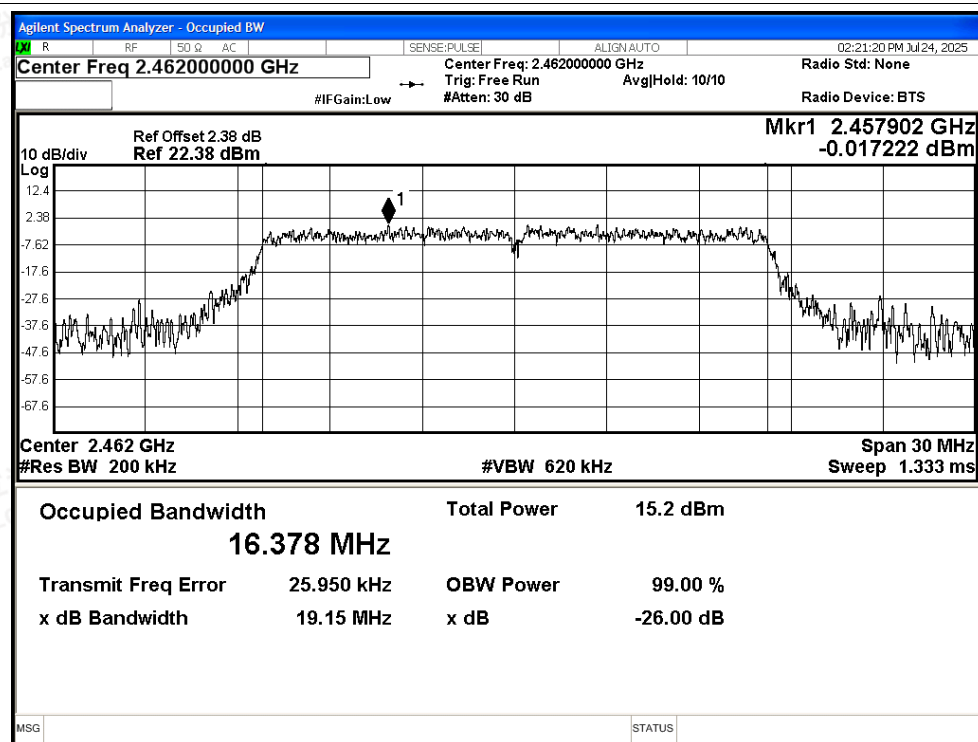
Scan code to check authenticity



OBW NVNT g 2437MHz Ant1



OBW NVNT g 2462MHz Ant1



Shenzhen LCS Compliance Testing Laboratory Ltd.

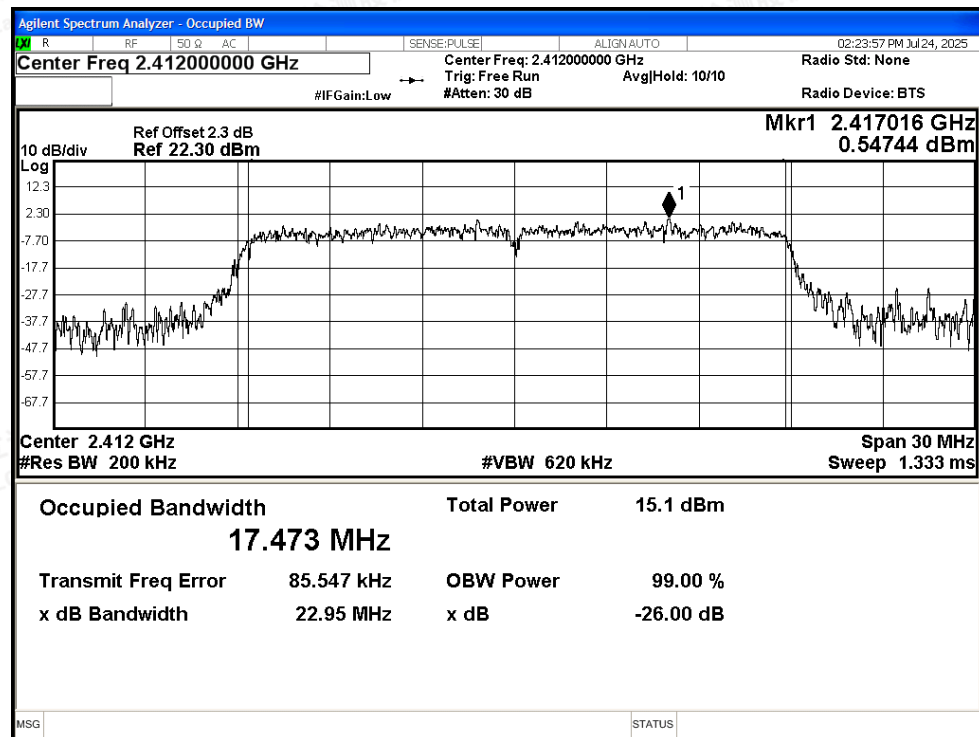
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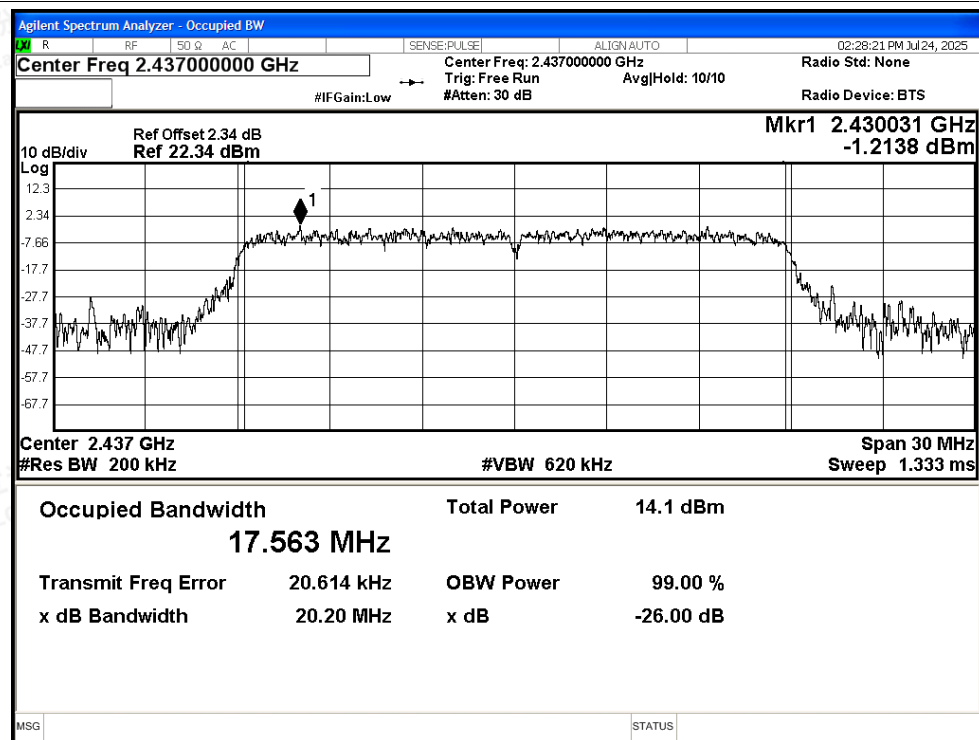
Scan code to check authenticity



OBW NVNT n20 2412MHz Ant1



OBW NVNT n20 2437MHz Ant1



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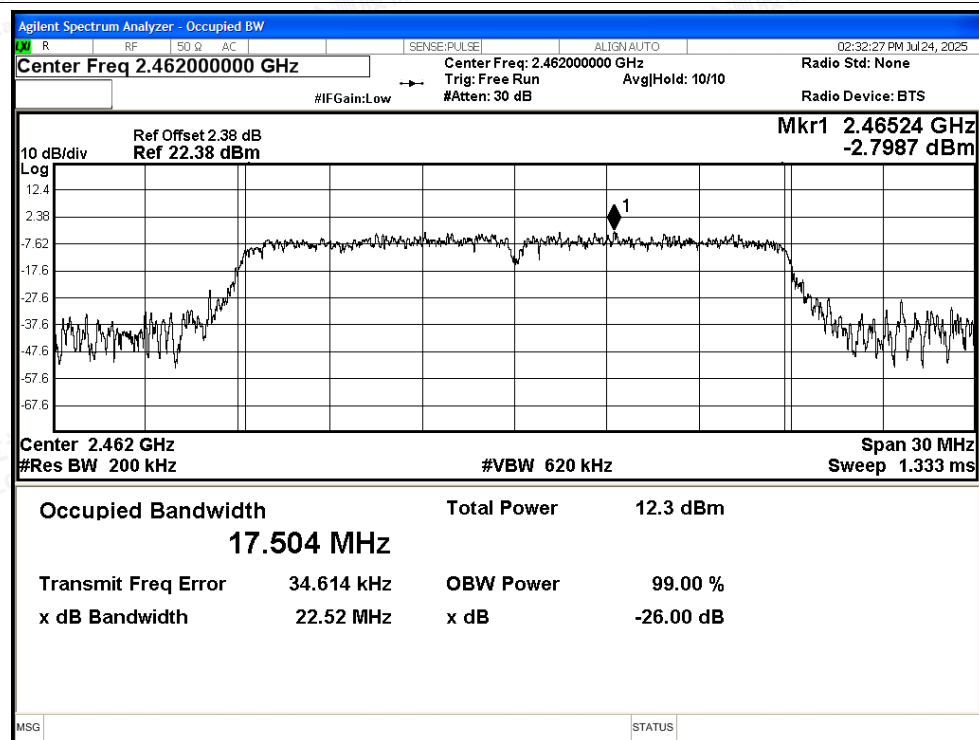
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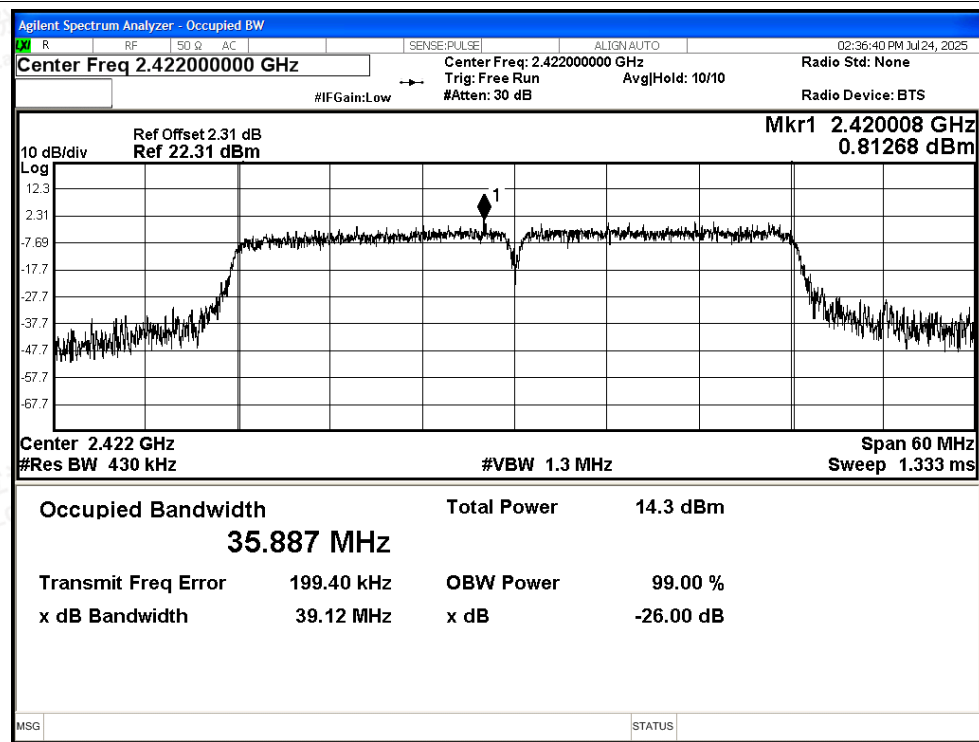
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OBW NVNT n20 2462MHz Ant1



OBW NVNT n40 2422MHz Ant1

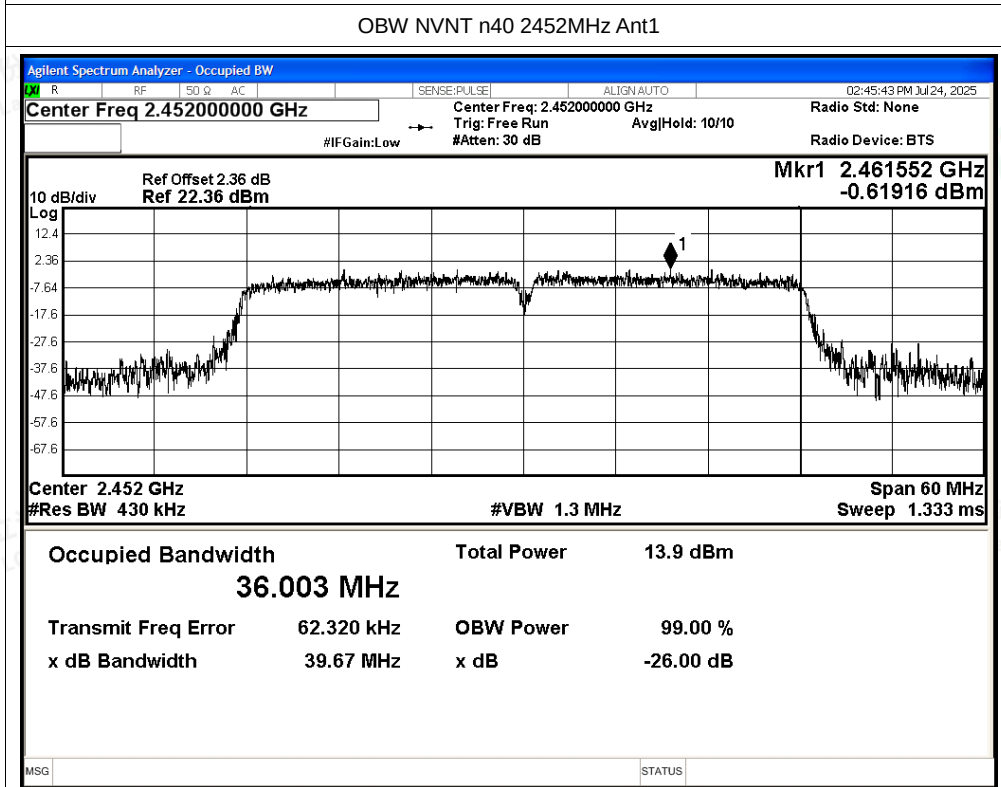
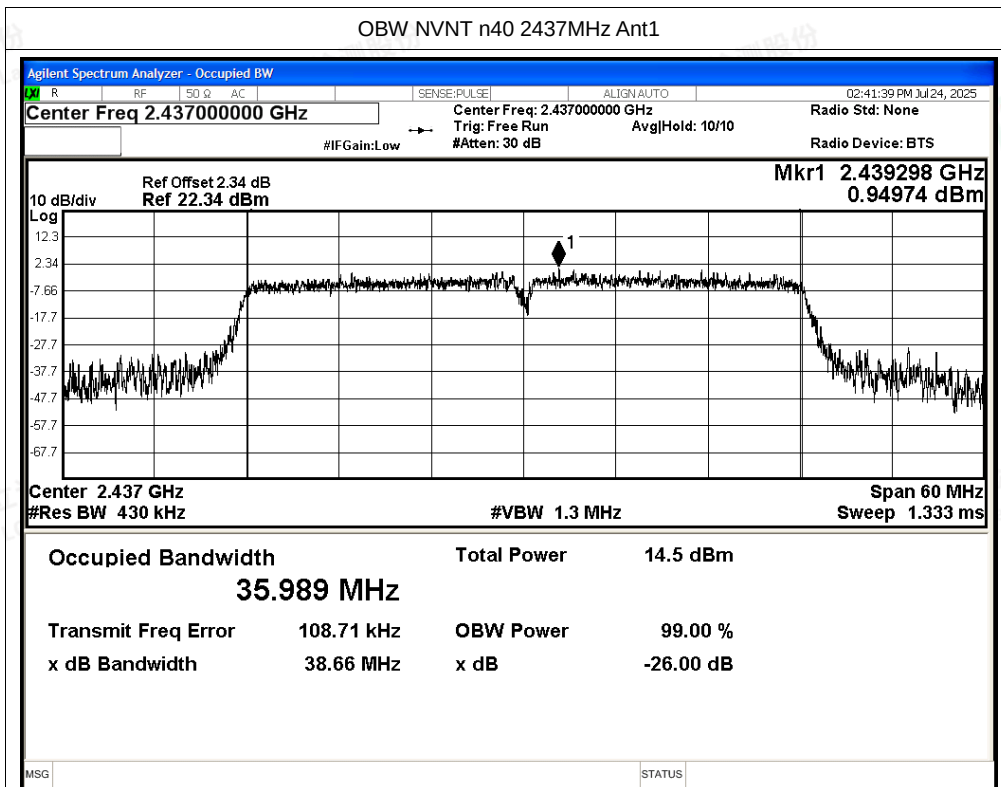


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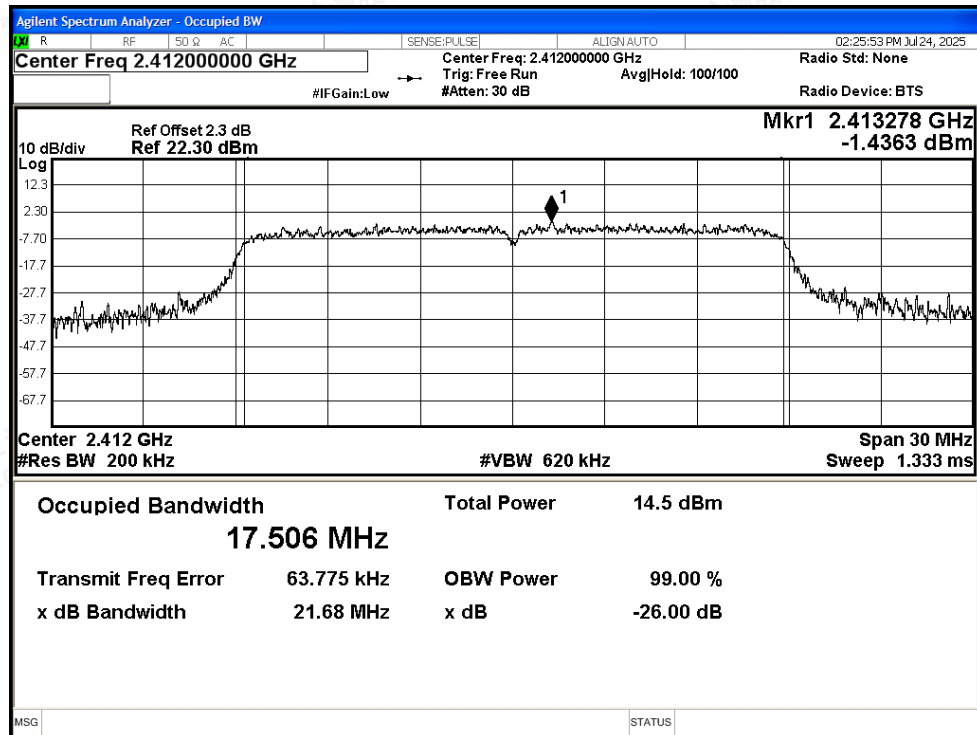
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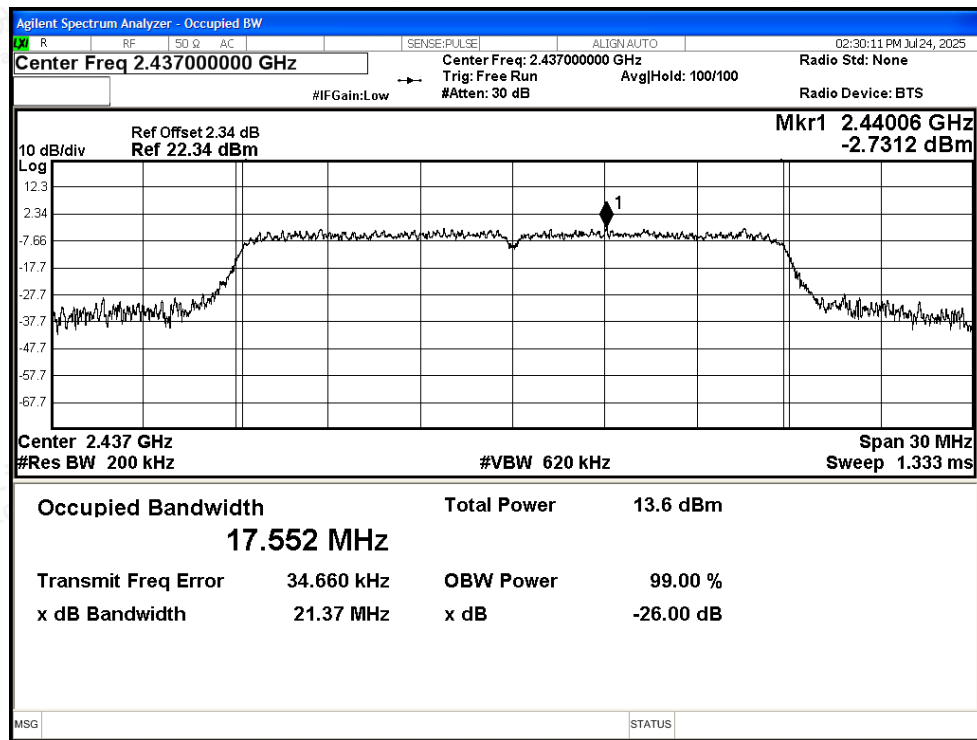
Scan code to check authenticity



OBW NVNT ax20 2412MHz Ant1



OBW NVNT ax20 2437MHz Ant1



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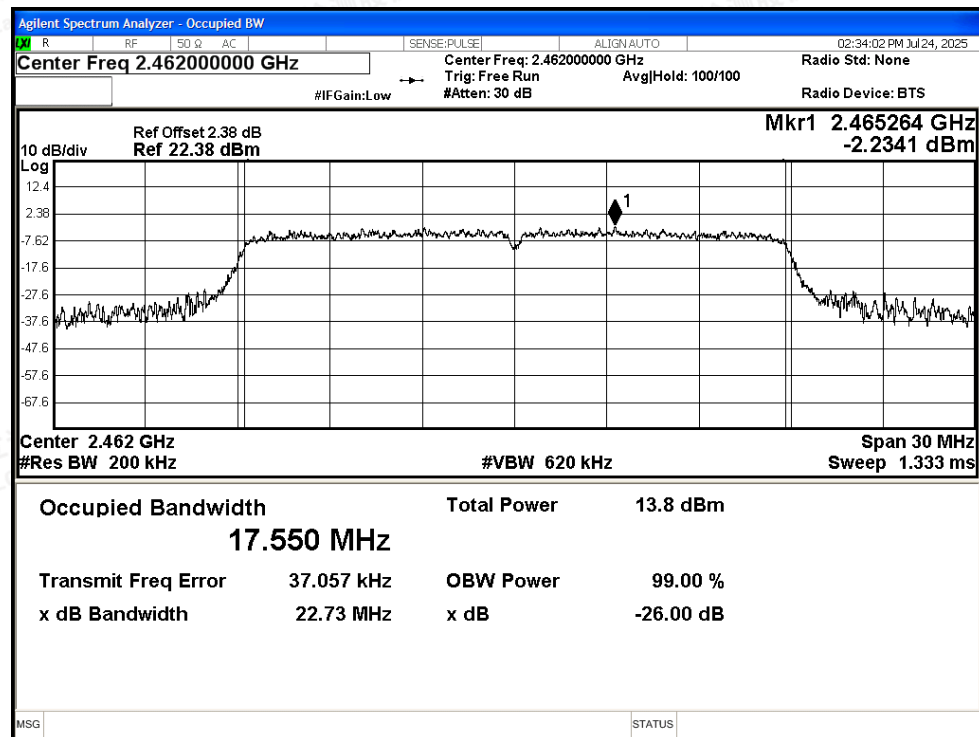
Add: 101, 201 Bldg A & 301 Bldg C, Juji Industrial Park Yabianxueziwei, Shajing Street, Baoan District, Shenzhen, 518000, China

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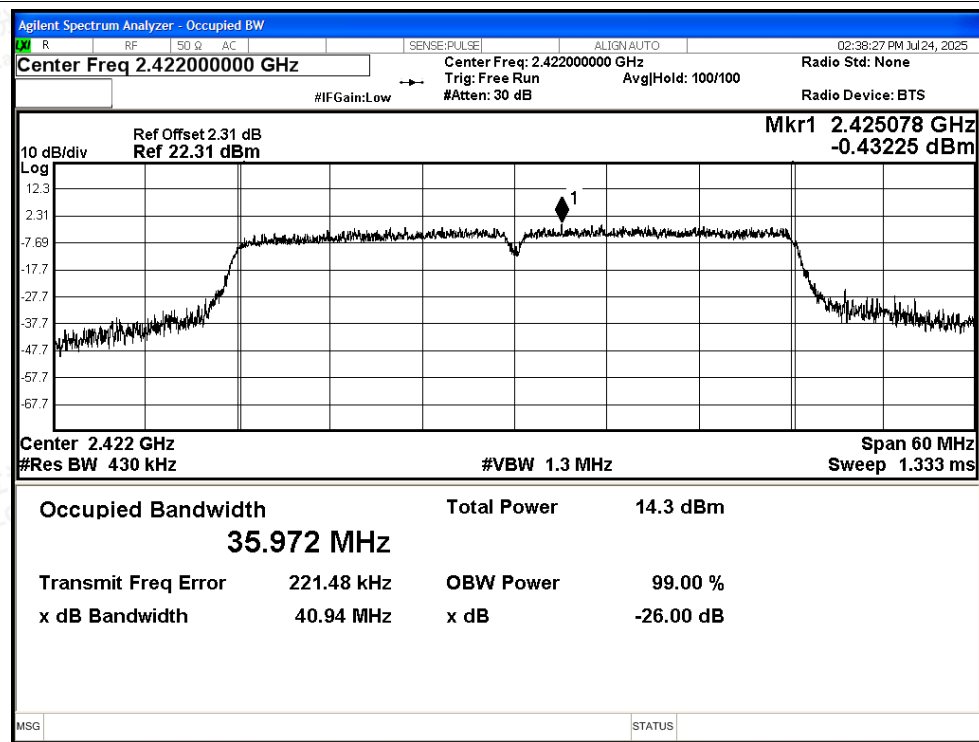
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OBW NVNT ax20 2462MHz Ant1



OBW NVNT ax40 2422MHz Ant1



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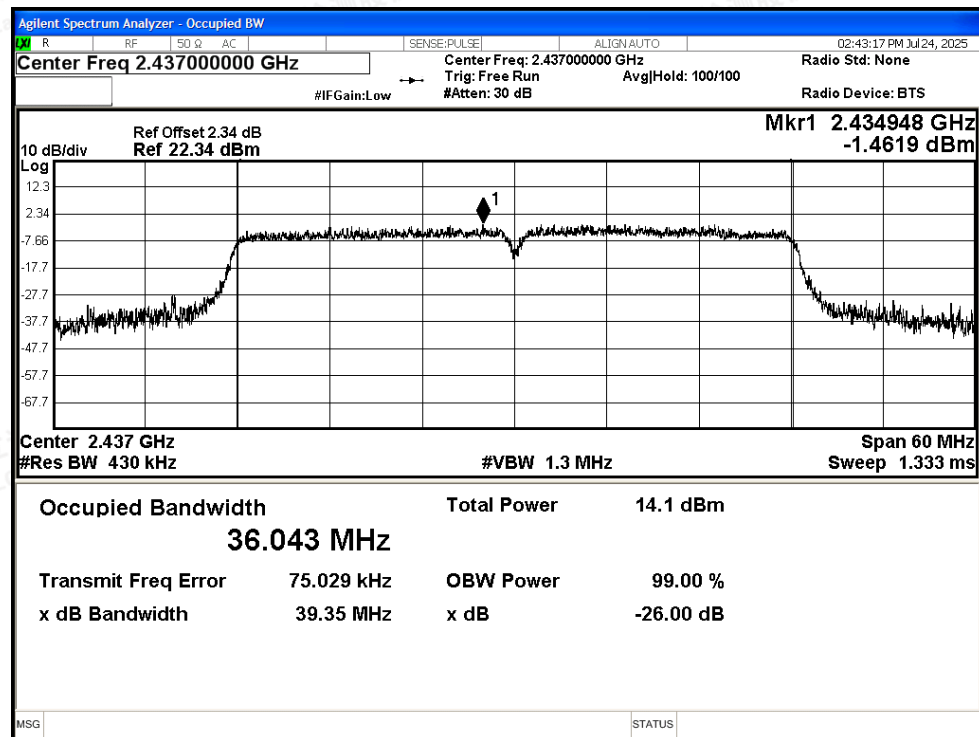
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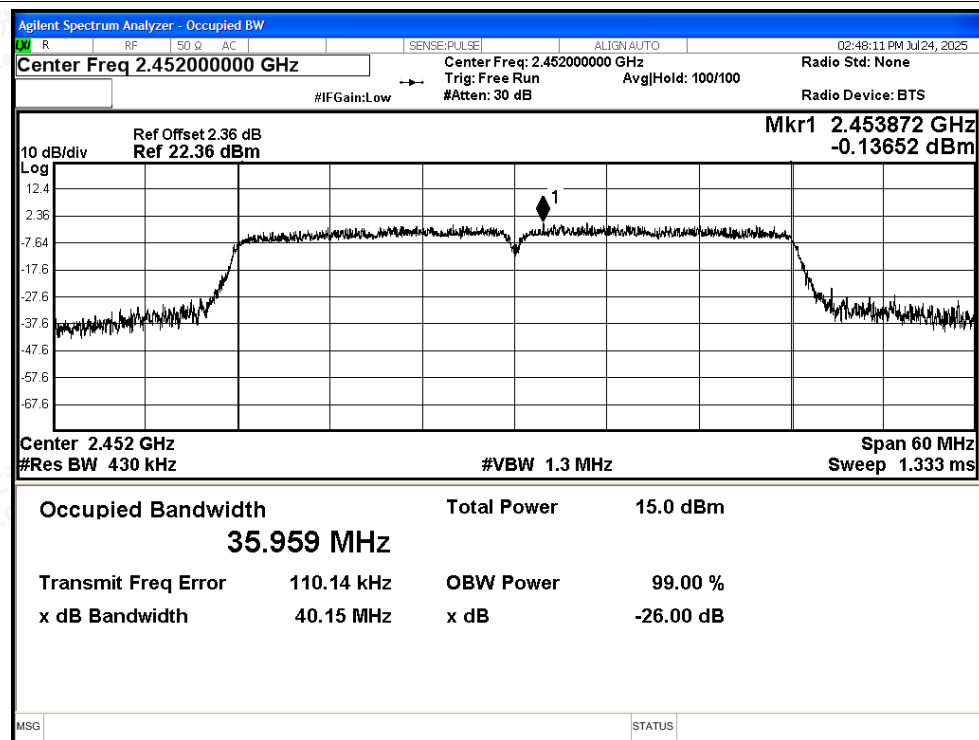
Scan code to check authenticity



OBW NVNT ax40 2437MHz Ant1



OBW NVNT ax40 2452MHz Ant1



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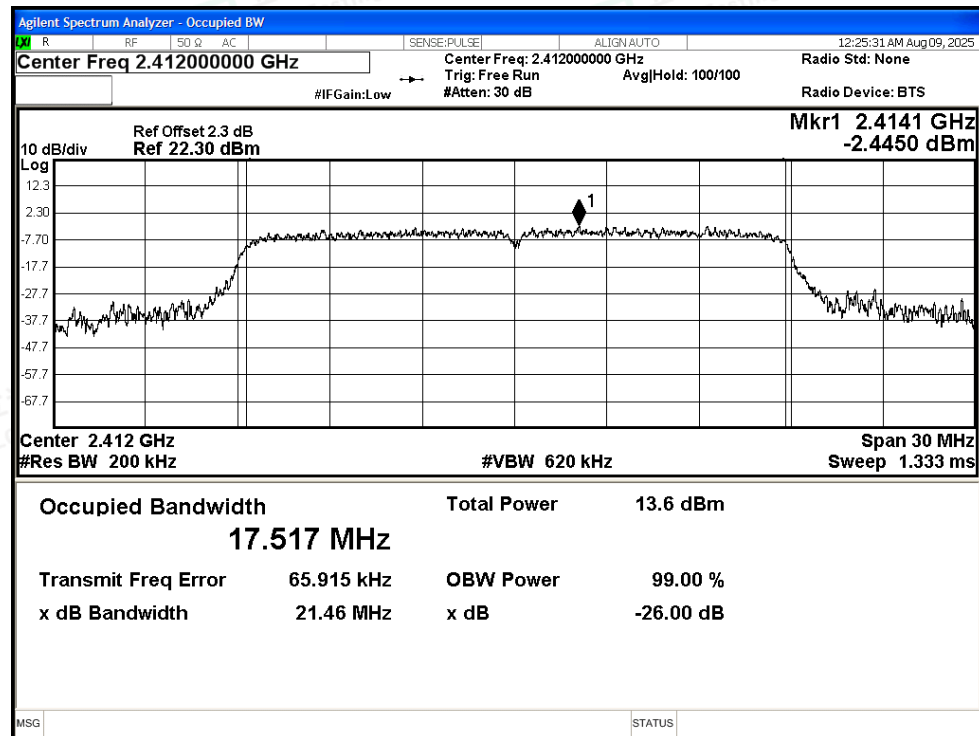
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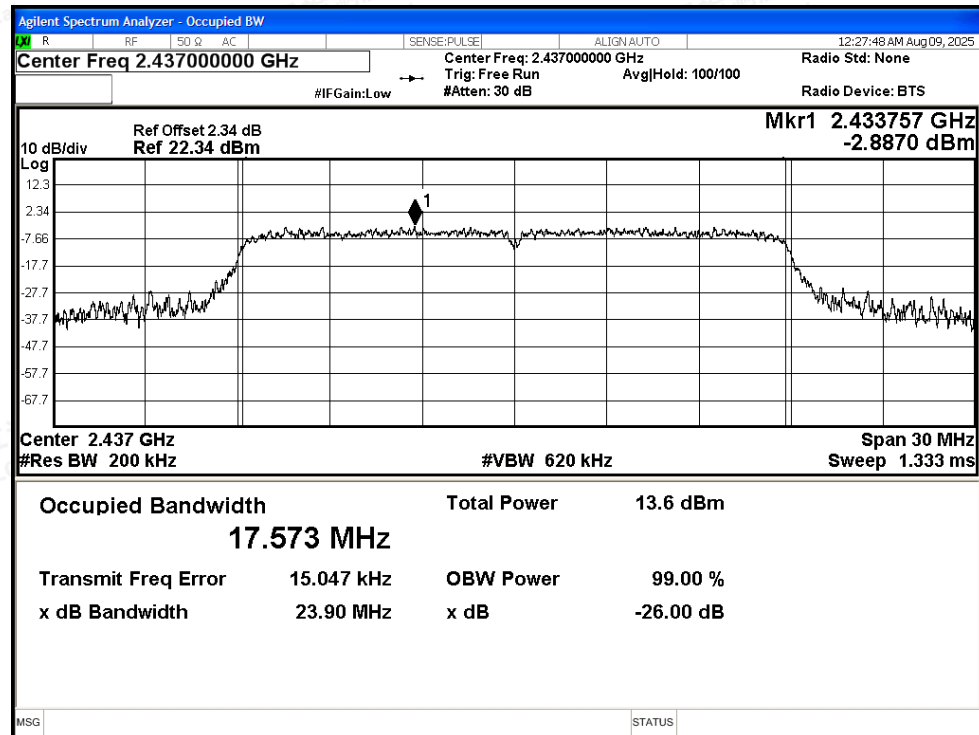
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OBW NVNT be20 2412MHz Ant1



OBW NVNT be20 2437MHz Ant1



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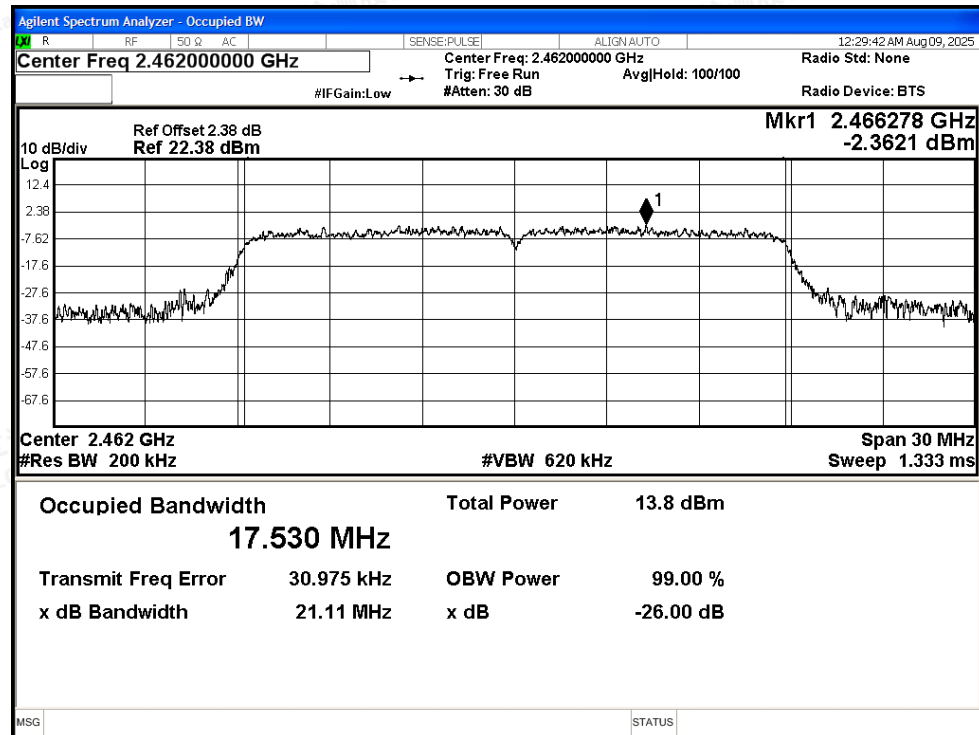
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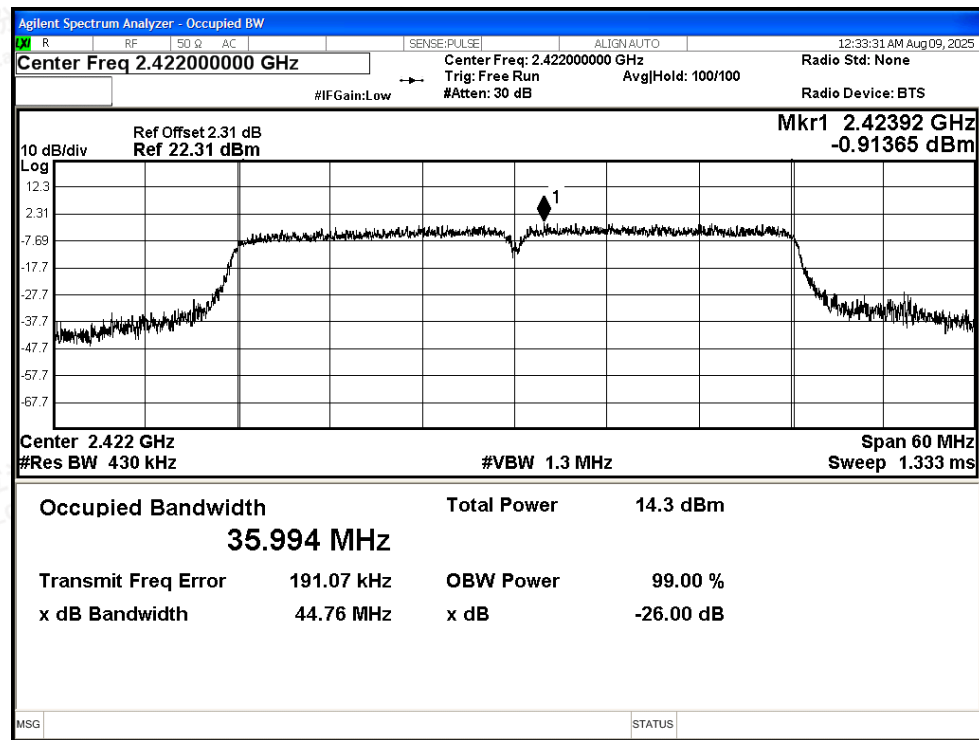
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OBW NVNT be20 2462MHz Ant1



OBW NVNT be40 2422MHz Ant1



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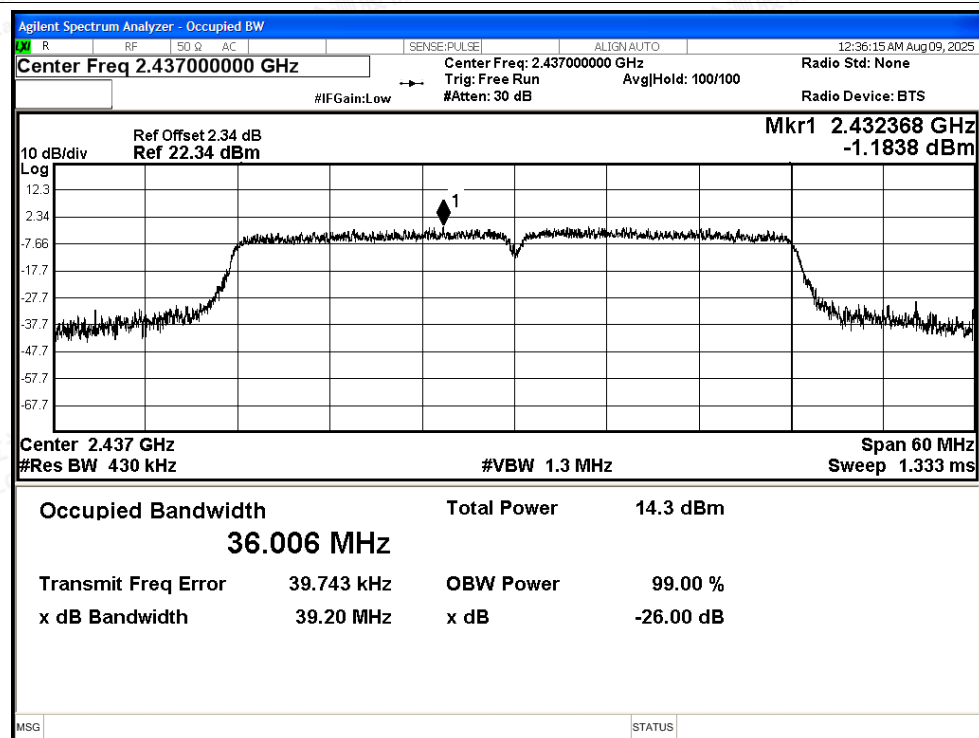
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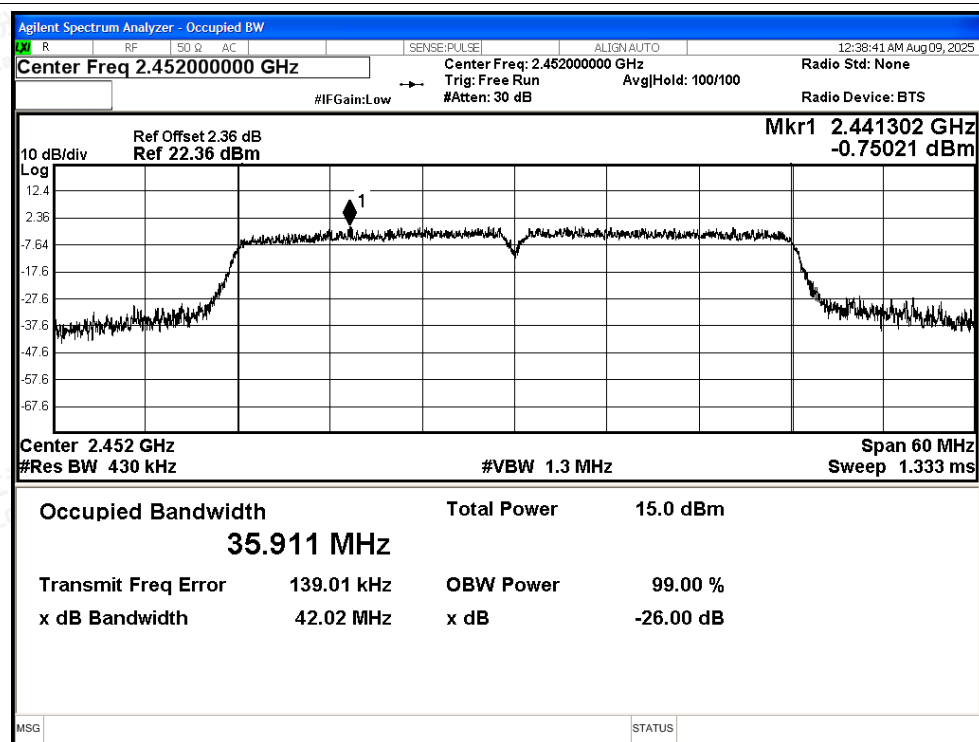
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OBW NVNT be40 2437MHz Ant1



OBW NVNT be40 2452MHz Ant1



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Condition	Mode	Frequency (MHz)	Antenna	99% OBW (MHz)
NVNT	b	2412	Ant2	11.524
NVNT	b	2437	Ant2	11.779
NVNT	b	2462	Ant2	11.835
NVNT	g	2412	Ant2	16.437
NVNT	g	2437	Ant2	16.488
NVNT	g	2462	Ant2	16.392
NVNT	n20	2412	Ant2	17.501
NVNT	n20	2437	Ant2	17.578
NVNT	n20	2462	Ant2	17.531
NVNT	n40	2422	Ant2	35.933
NVNT	n40	2437	Ant2	35.993
NVNT	n40	2452	Ant2	35.949
NVNT	ax20	2412	Ant2	17.517
NVNT	ax20	2437	Ant2	17.541
NVNT	ax20	2462	Ant2	17.532
NVNT	ax40	2422	Ant2	35.984
NVNT	ax40	2437	Ant2	36.076
NVNT	ax40	2452	Ant2	36.022
NVNT	be20	2412	Ant2	17.486
NVNT	be20	2437	Ant2	17.554
NVNT	be20	2462	Ant2	17.526
NVNT	be40	2422	Ant2	35.95
NVNT	be40	2437	Ant2	36.009
NVNT	be40	2452	Ant2	35.998



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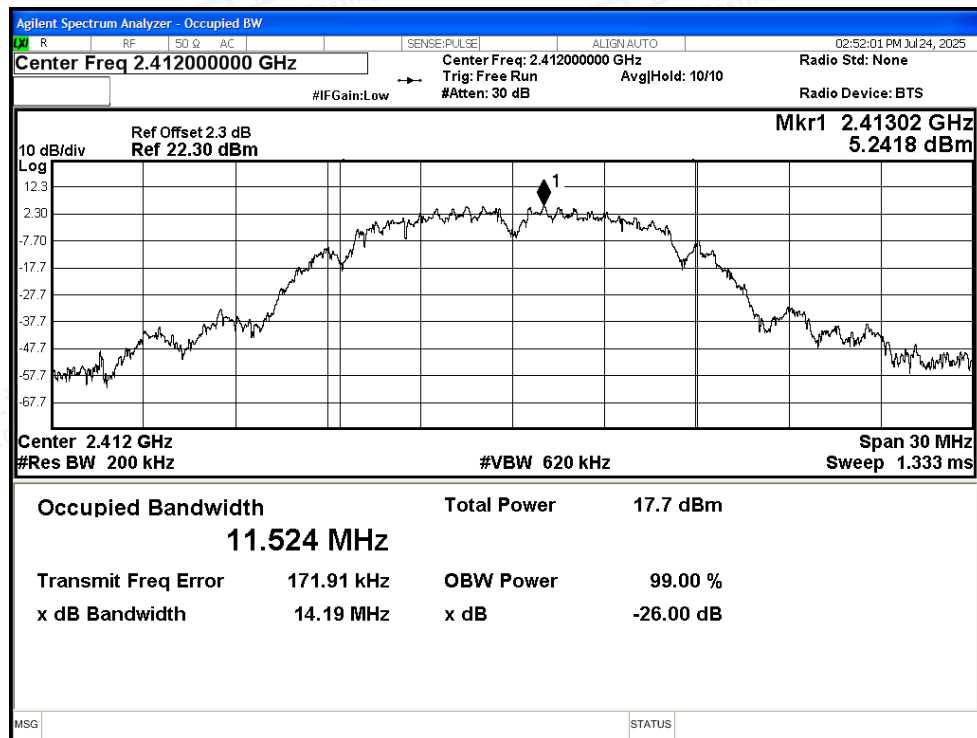
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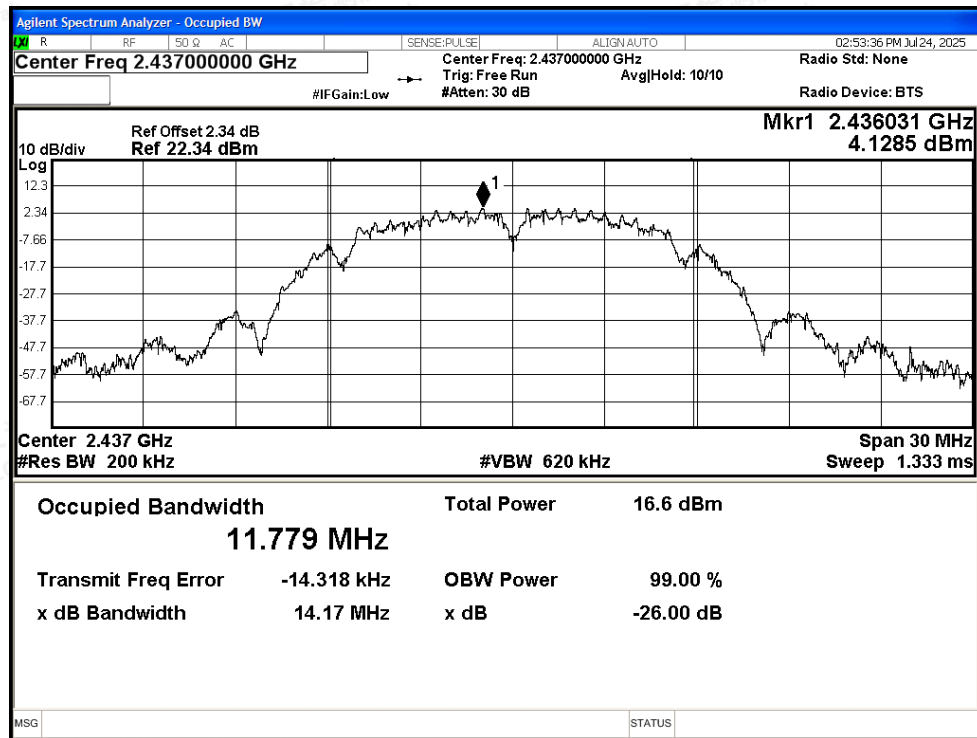


Test Graphs

OBW NVNT b 2412MHz Ant2



OBW NVNT b 2437MHz Ant2



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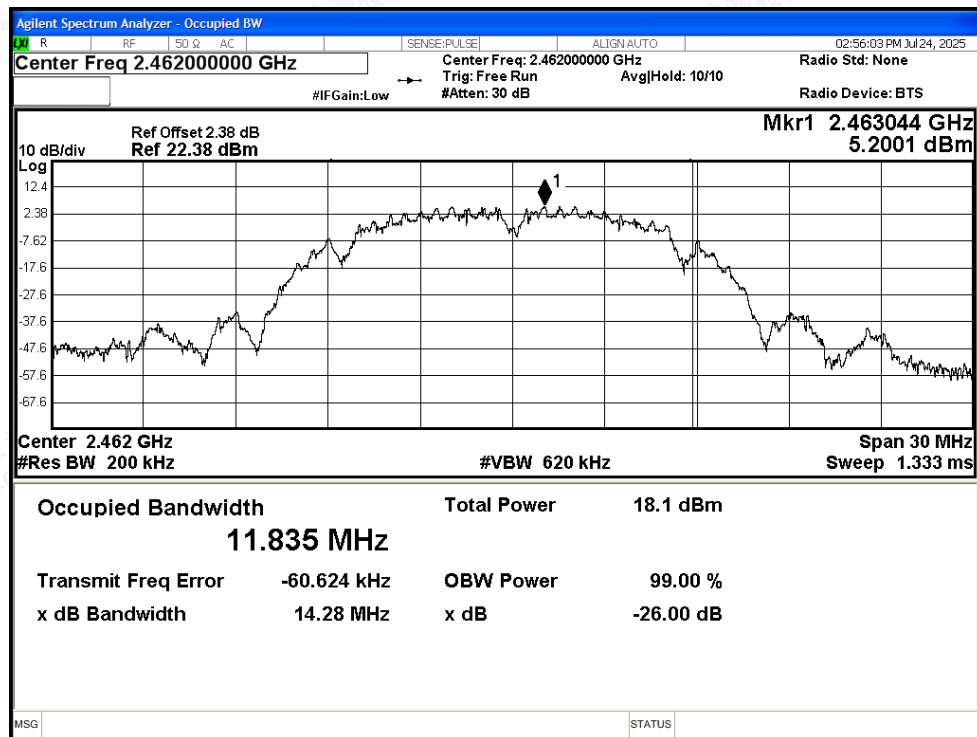
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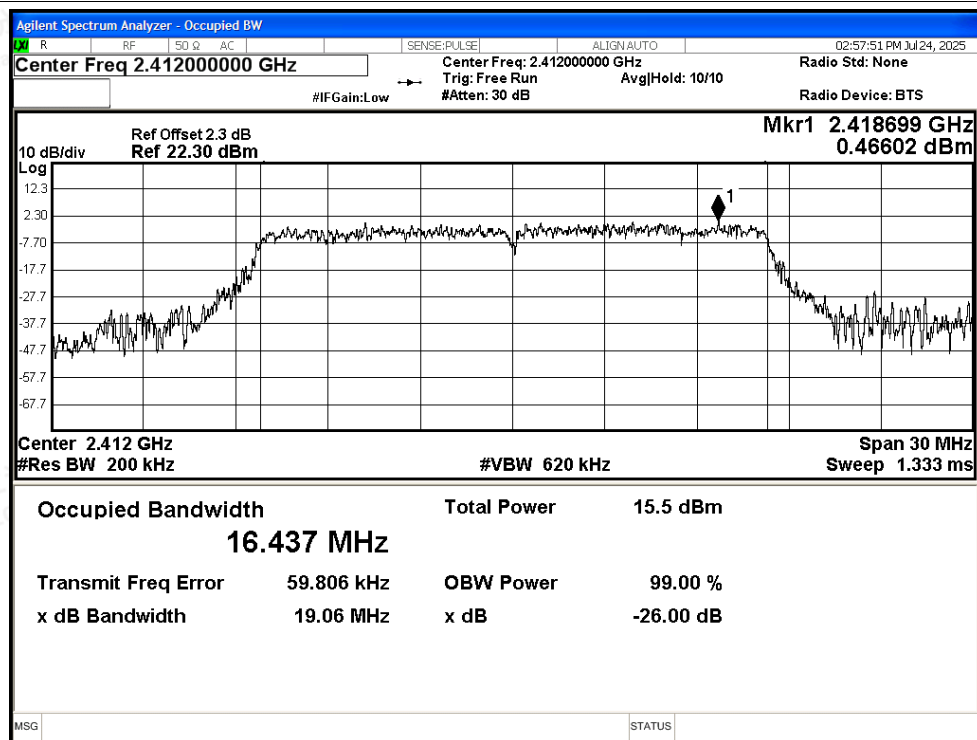
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OBW NVNT b 2462MHz Ant2



OBW NVNT g 2412MHz Ant2



Shenzhen LCS Compliance Testing Laboratory Ltd.

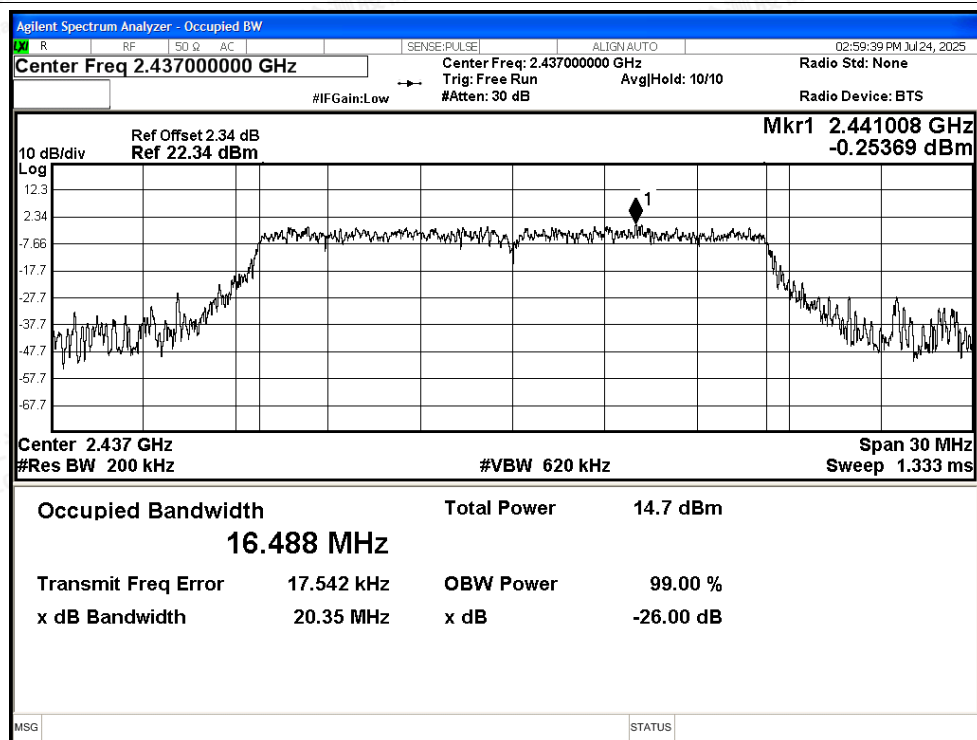
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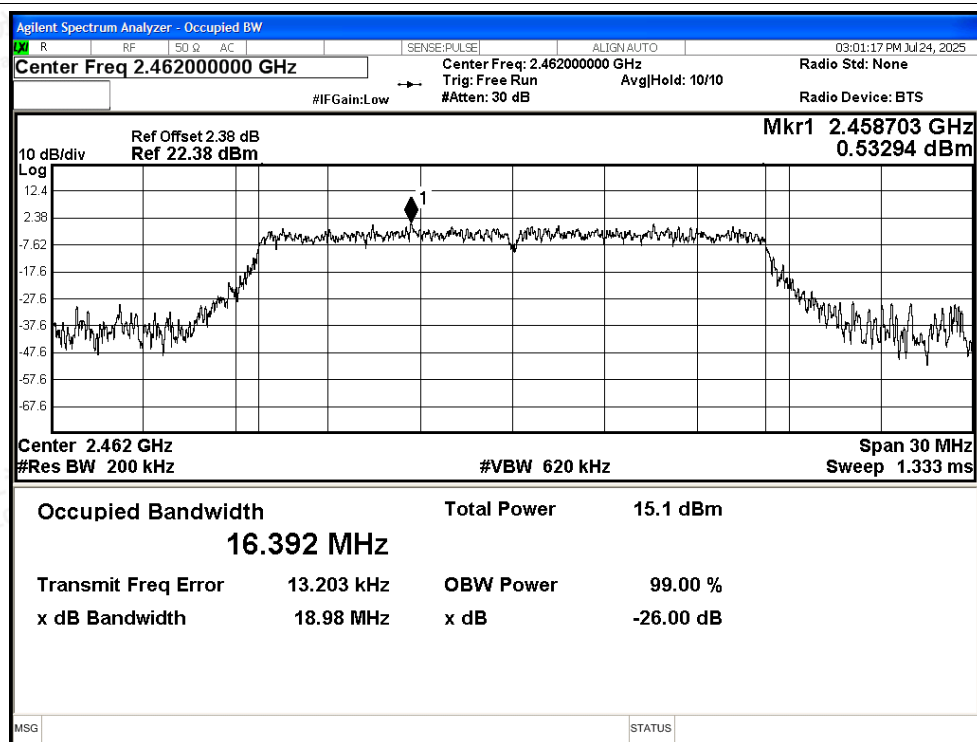
Scan code to check authenticity



OBW NVNT g 2437MHz Ant2



OBW NVNT g 2462MHz Ant2



Shenzhen LCS Compliance Testing Laboratory Ltd.

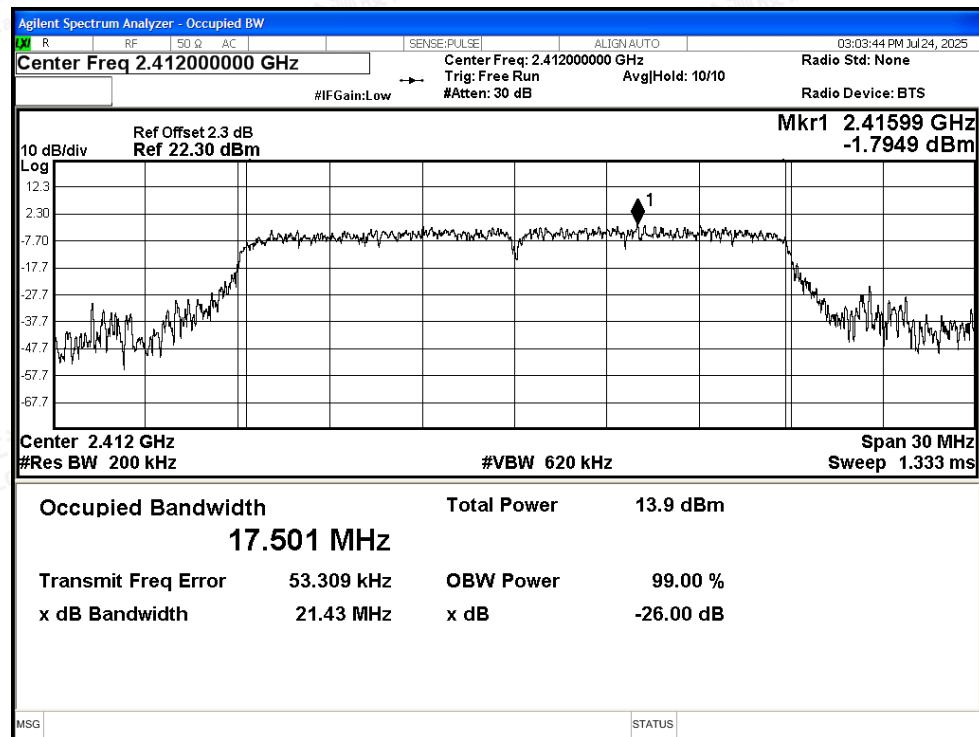
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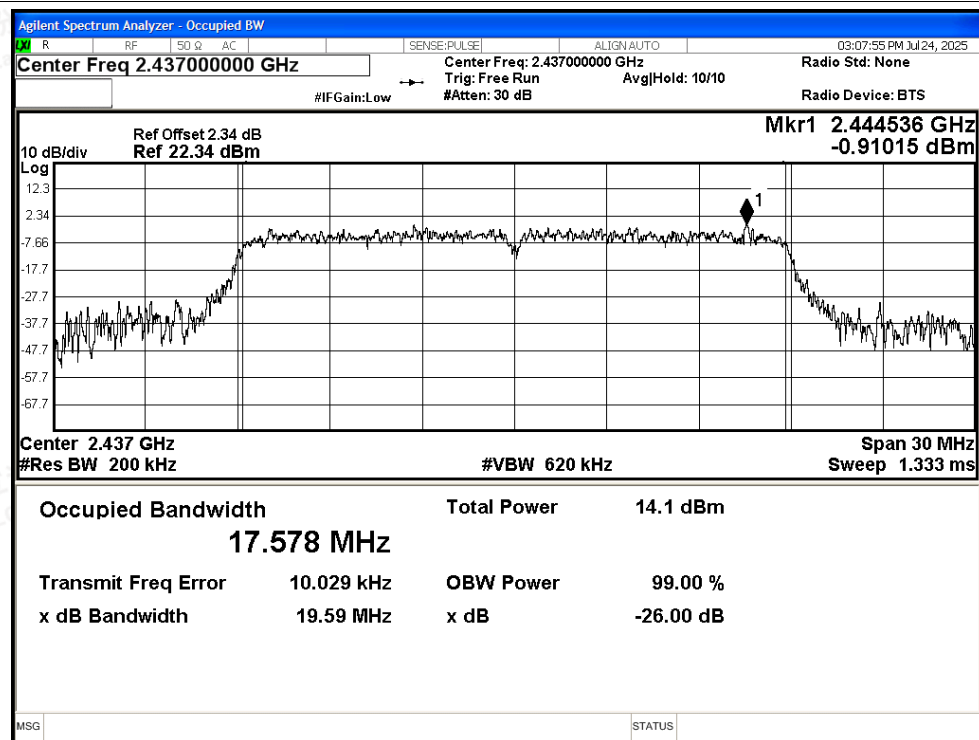
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OBW NVNT n20 2412MHz Ant2



OBW NVNT n20 2437MHz Ant2



Shenzhen LCS Compliance Testing Laboratory Ltd.

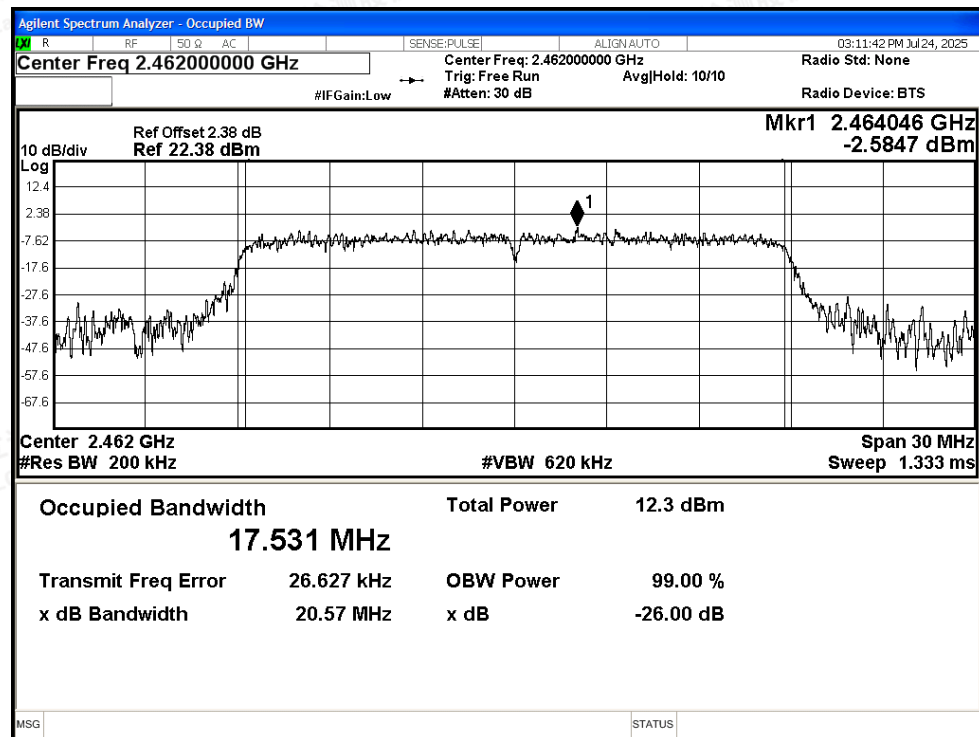
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Tel: +(86) 0755-82591330 | E-mail: webmaster@lcs-cert.com | Web: www.lcs-cert.com

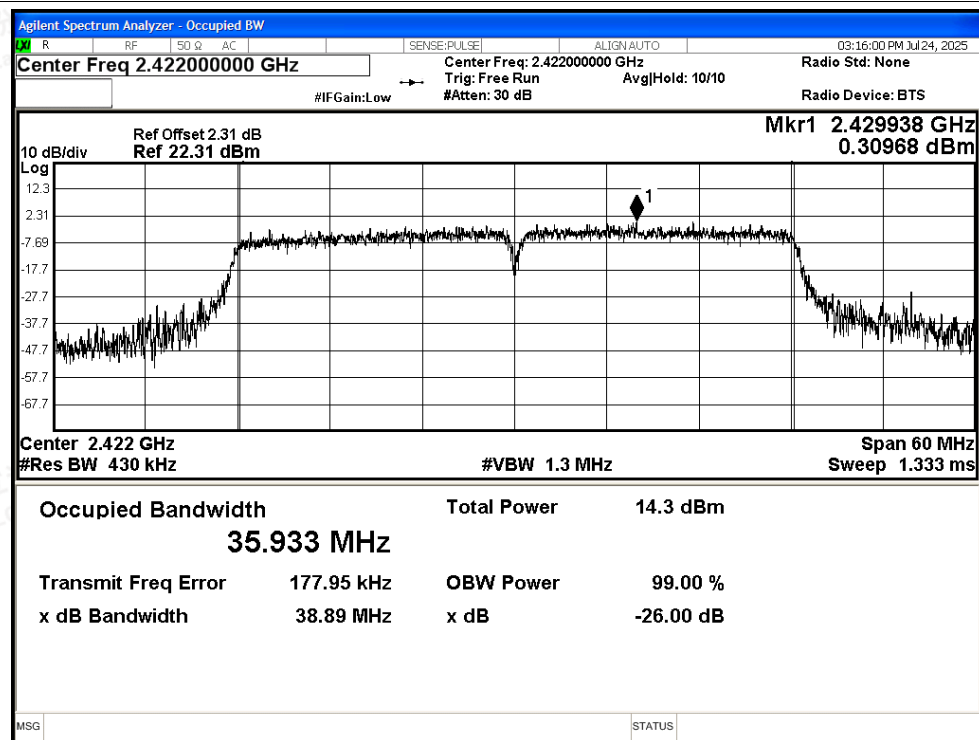
Scan code to check authenticity



OBW NVNT n20 2462MHz Ant2



OBW NVNT n40 2422MHz Ant2



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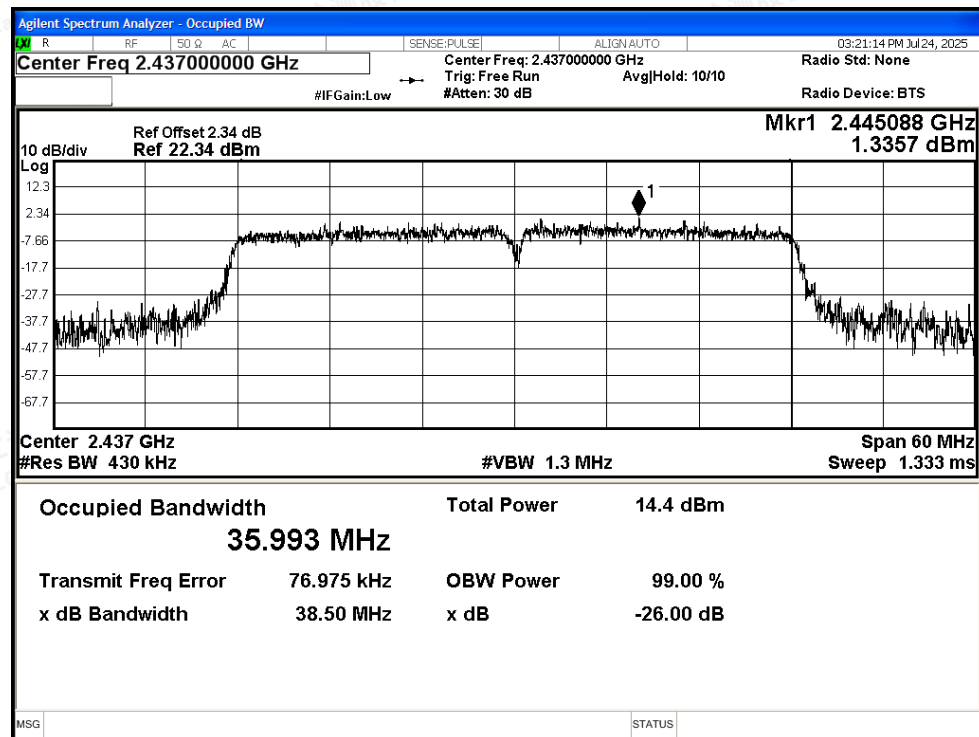
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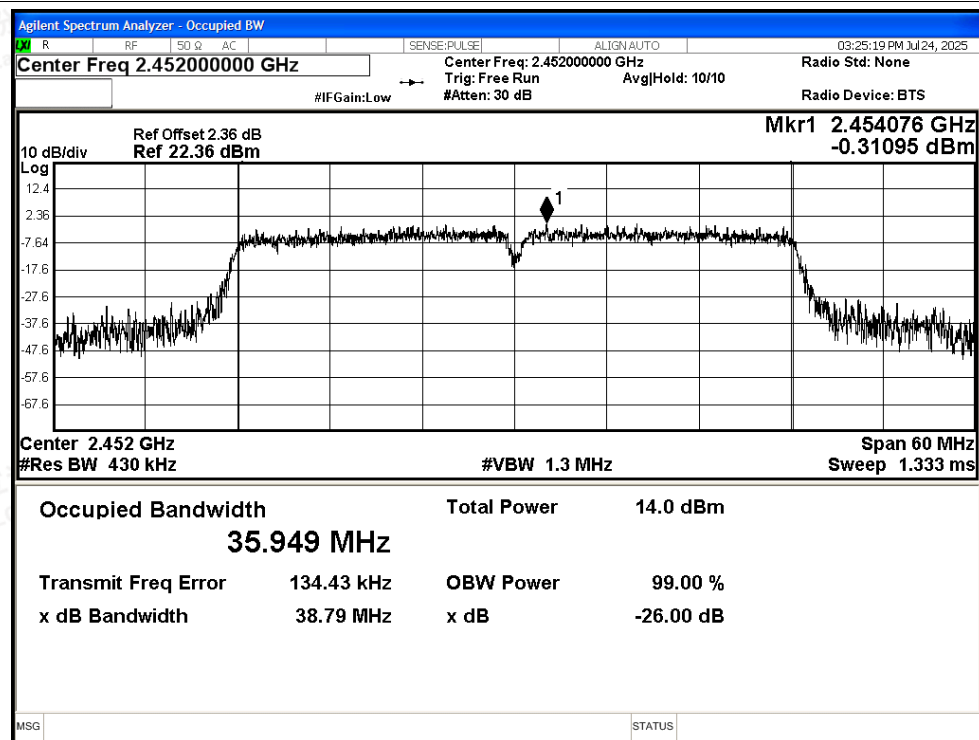
Scan code to check authenticity



OBW NVNT n40 2437MHz Ant2



OBW NVNT n40 2452MHz Ant2



Shenzhen LCS Compliance Testing Laboratory Ltd.

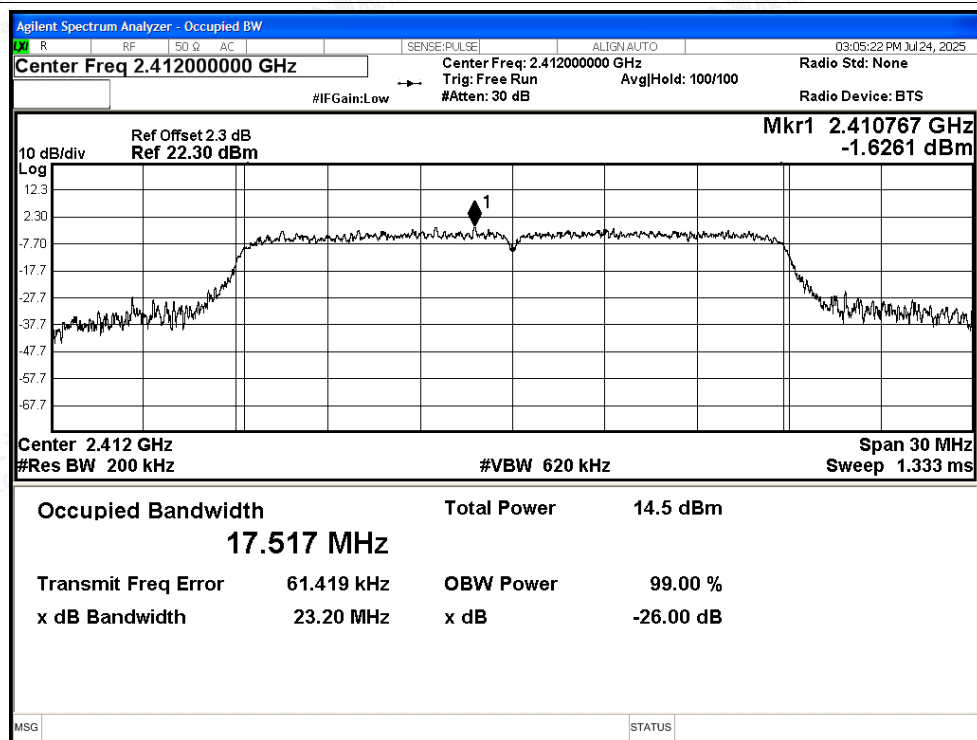
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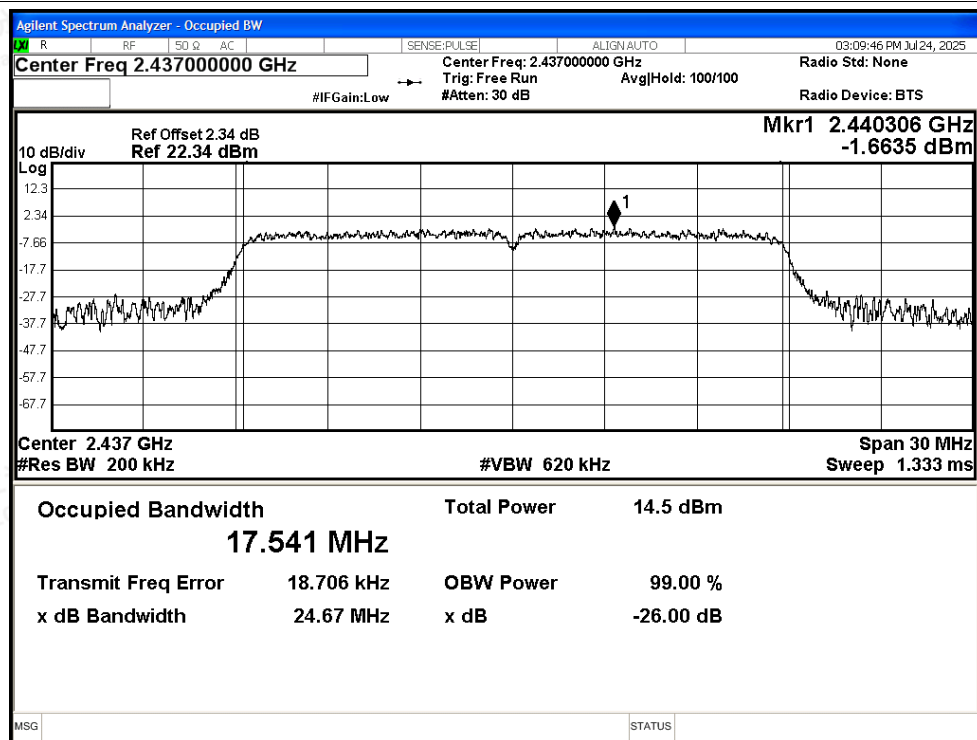
Scan code to check authenticity



OBW NVNT ax20 2412MHz Ant2



OBW NVNT ax20 2437MHz Ant2



Shenzhen LCS Compliance Testing Laboratory Ltd.

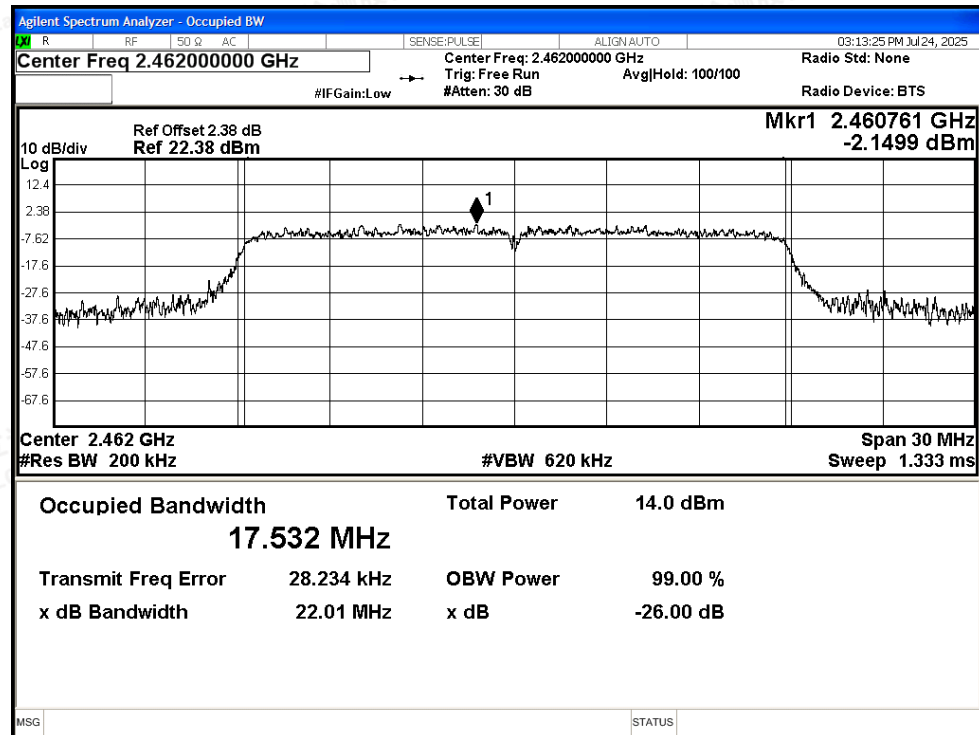
Add: 101, 201 Bldg A & 301 Bldg C, Juji Industrial Park Yabianxueziwei, Shajing Street, Baoan District, Shenzhen, 518000, China

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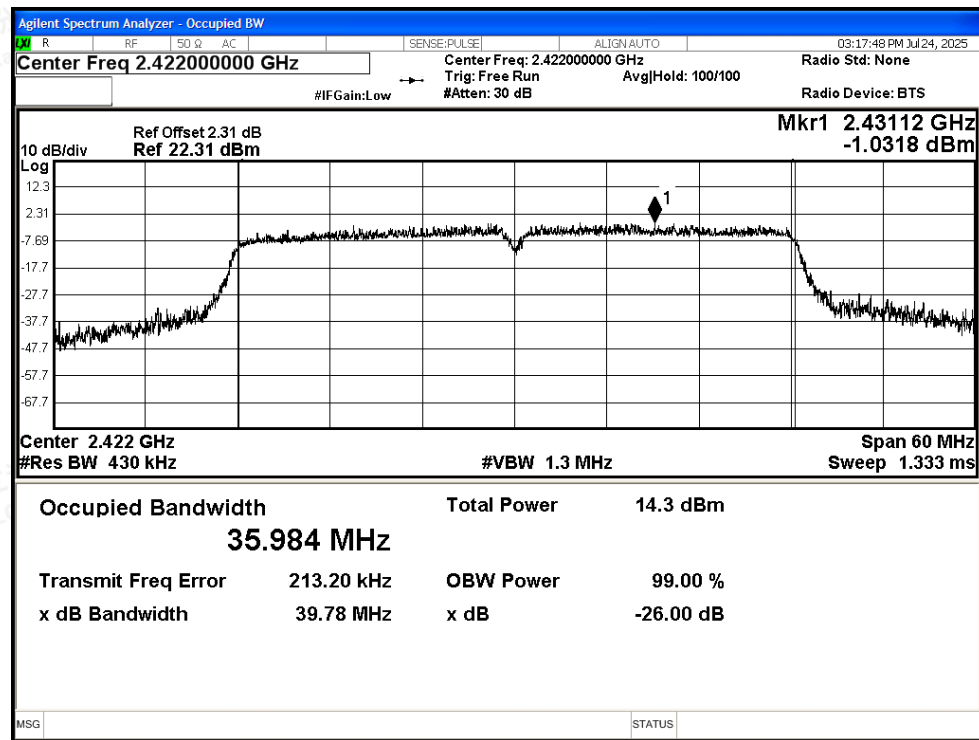
Scan code to check authenticity



OBW NVNT ax20 2462MHz Ant2



OBW NVNT ax40 2422MHz Ant2



Shenzhen LCS Compliance Testing Laboratory Ltd.

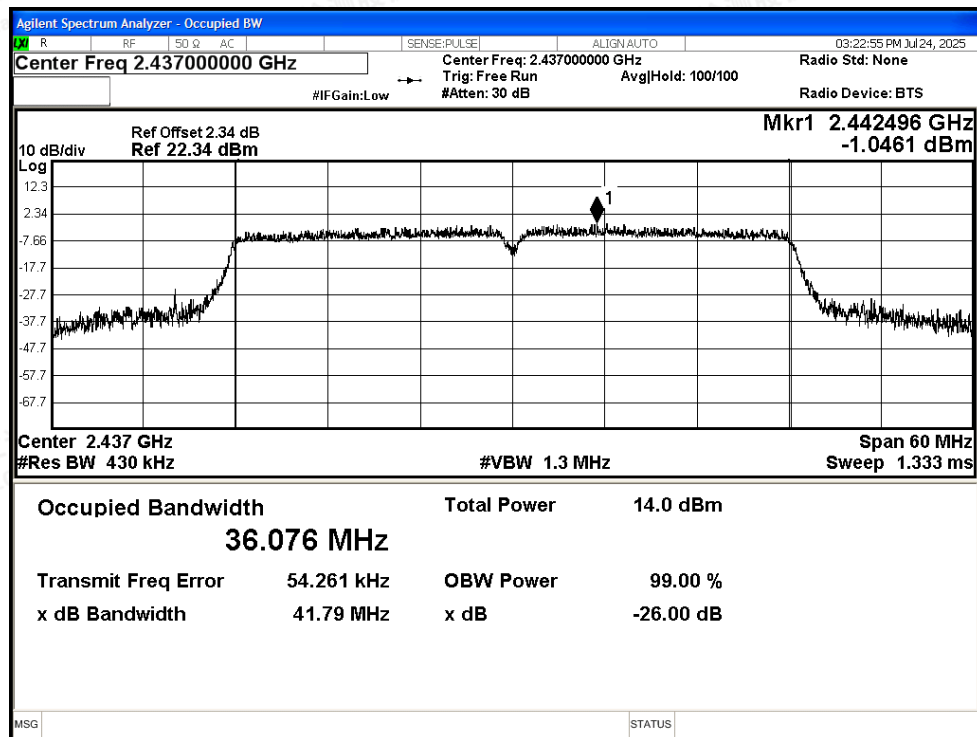
Add: 101, 201 Bldg A & 301 Bldg C, Juji Industrial Park Yabianxueziwei, Shajing Street, Baoan District, Shenzhen, 518000, China

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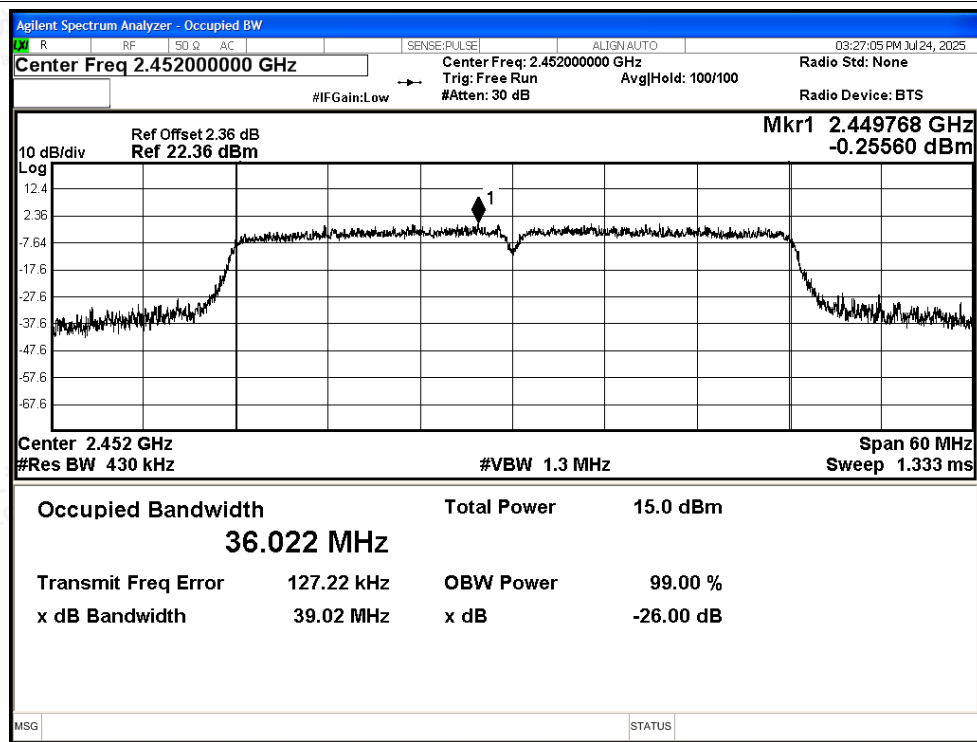
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OBW NVNT ax40 2437MHz Ant2



OBW NVNT ax40 2452MHz Ant2



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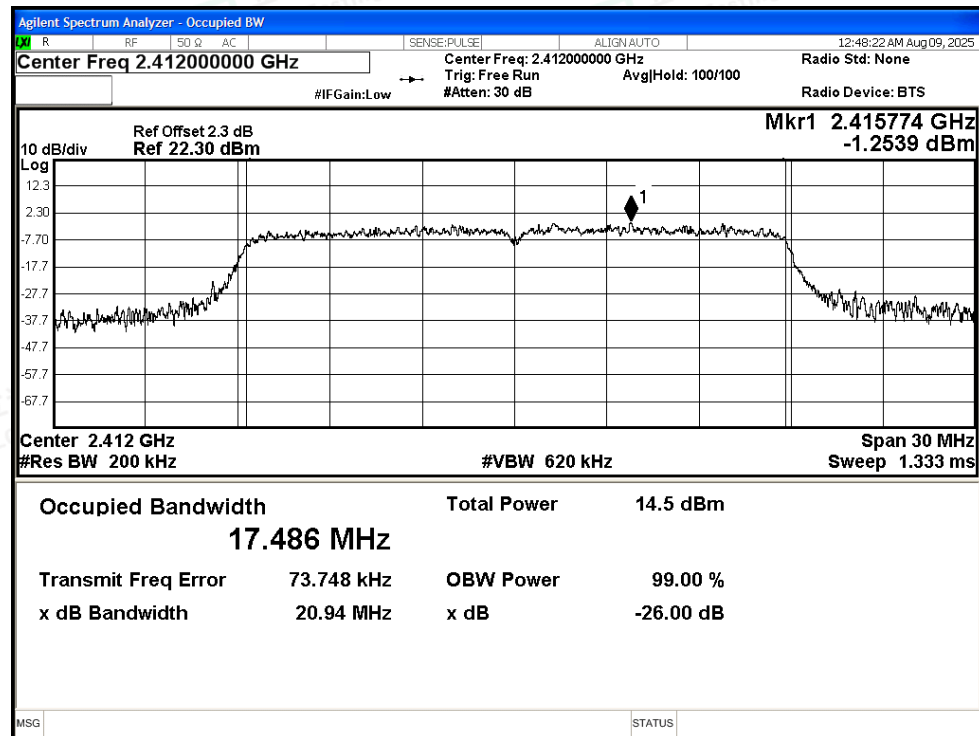
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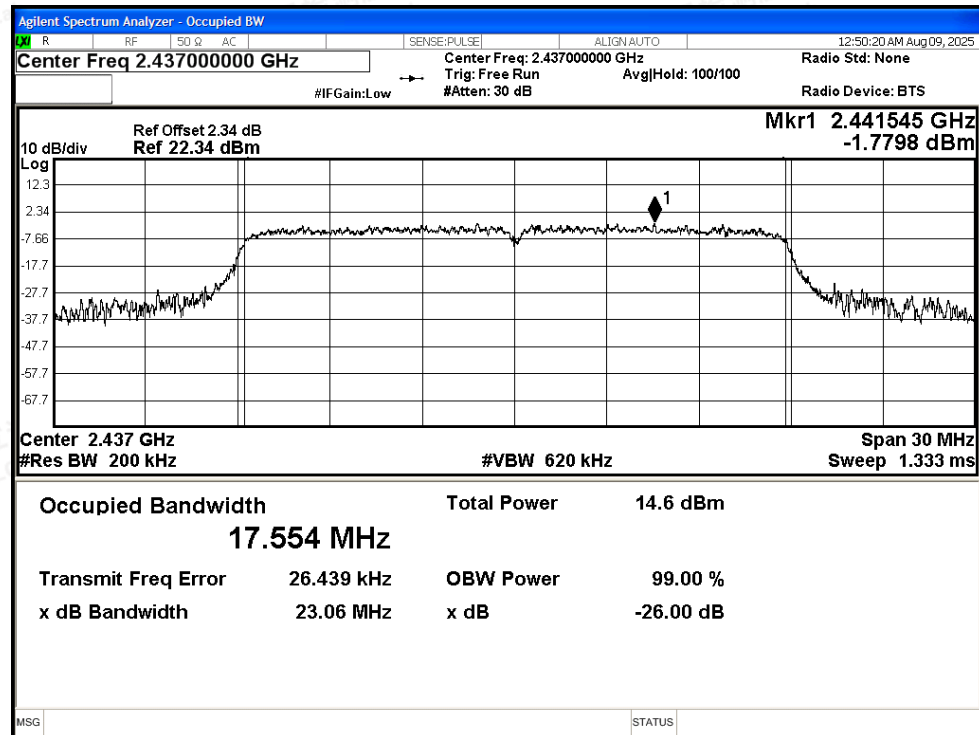
Scan code to check authenticity



OBW NVNT be20 2412MHz Ant2



OBW NVNT be20 2437MHz Ant2



Shenzhen LCS Compliance Testing Laboratory Ltd.

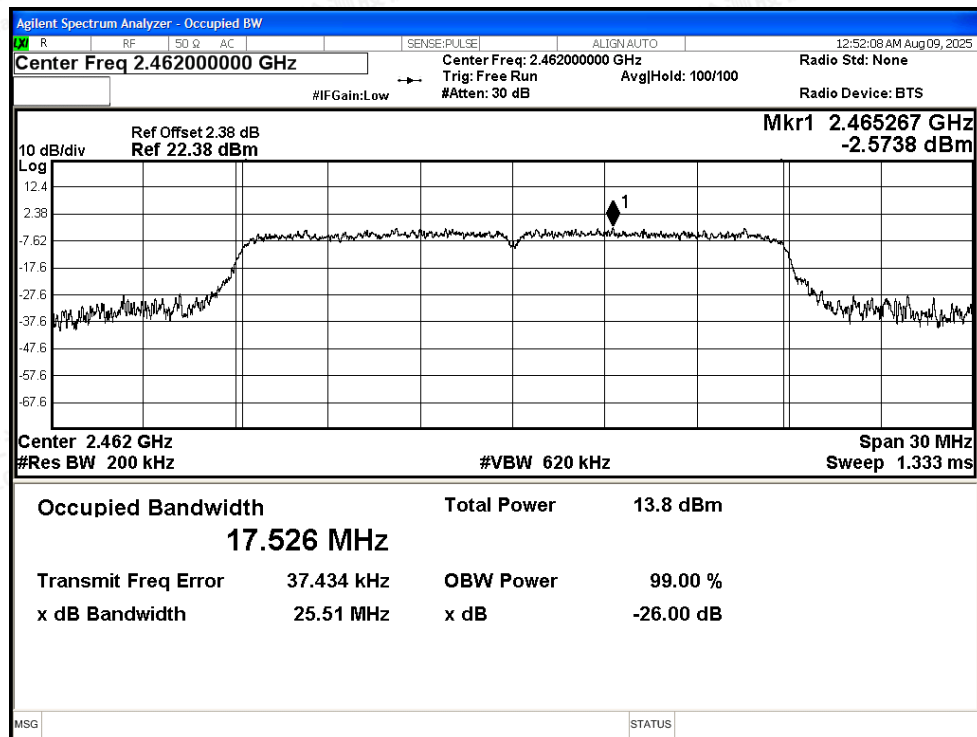
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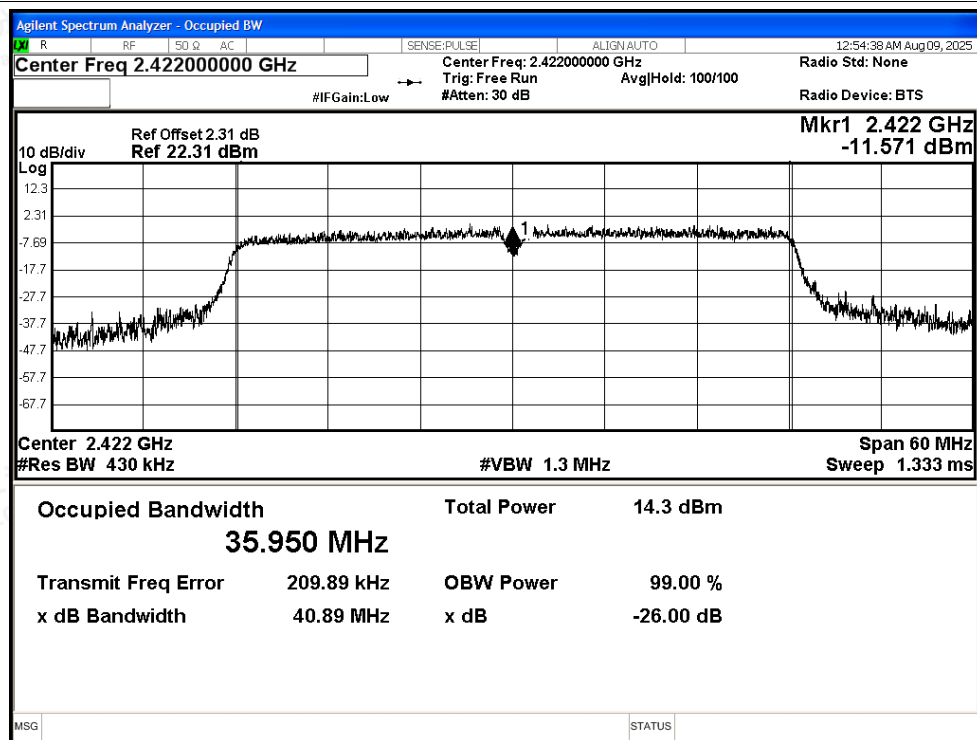
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OBW NVNT be20 2462MHz Ant2



OBW NVNT be40 2422MHz Ant2



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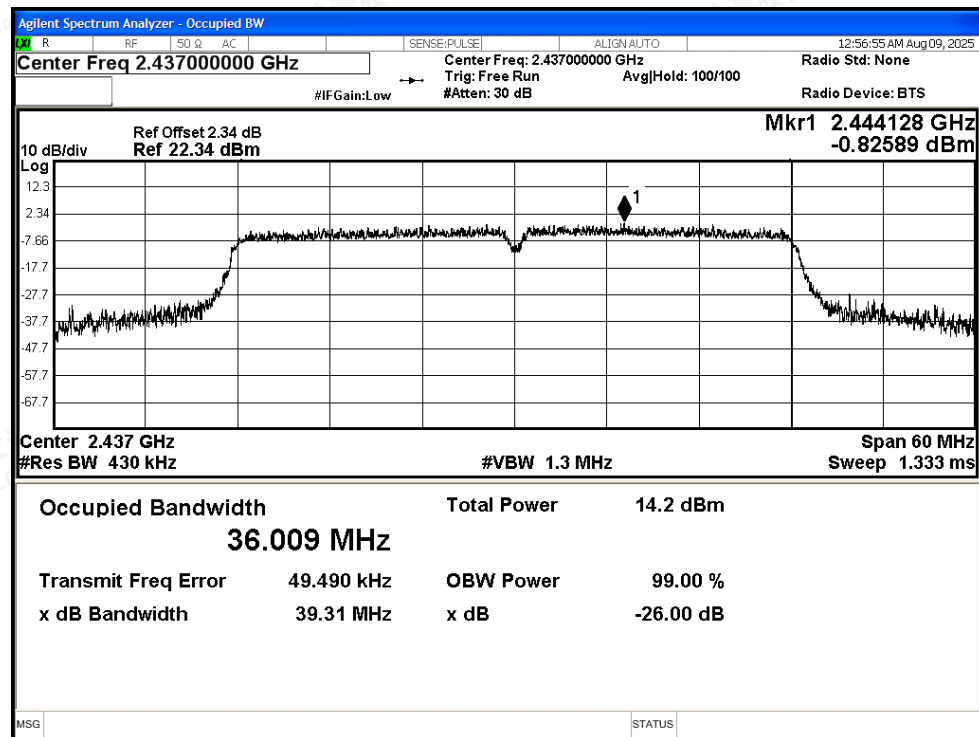
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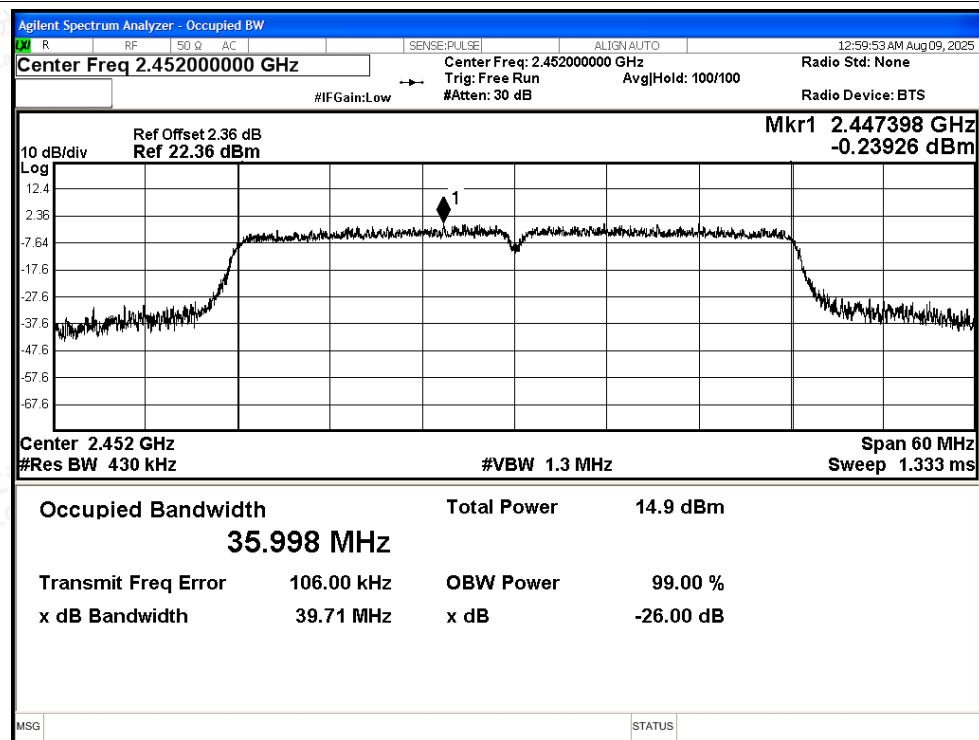
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OBW NVNT be40 2437MHz Ant2



OBW NVNT be40 2452MHz Ant2



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A.2 Maximum Peak Conducted Output Power

Condition	Mode	Frequency (MHz)	Antenna	Conducted Power (dBm)	Limit (dBm)	Verdict
NVNT	b	2412	Ant1	23.42	30	Pass
NVNT	b	2437	Ant1	23.87	30	Pass
NVNT	b	2462	Ant1	24.75	30	Pass
NVNT	g	2412	Ant1	24.46	30	Pass
NVNT	g	2437	Ant1	23.23	30	Pass
NVNT	g	2462	Ant1	24.32	30	Pass
NVNT	n20	2412	Ant1	24.81	30	Pass
NVNT	n20	2437	Ant1	23.44	30	Pass
NVNT	n20	2462	Ant1	24.35	30	Pass
NVNT	n40	2422	Ant1	24.50	30	Pass
NVNT	n40	2437	Ant1	23.83	30	Pass
NVNT	n40	2452	Ant1	24.21	30	Pass
NVNT	ax20	2412	Ant1	24.59	30	Pass
NVNT	ax20	2437	Ant1	23.99	30	Pass
NVNT	ax20	2462	Ant1	24.25	30	Pass
NVNT	ax40	2422	Ant1	23.70	30	Pass
NVNT	ax40	2437	Ant1	23.60	30	Pass
NVNT	ax40	2452	Ant1	24.18	30	Pass
NVNT	be20	2412	Ant1	23.36	30	Pass
NVNT	be20	2437	Ant1	23.22	30	Pass
NVNT	be20	2462	Ant1	23.39	30	Pass
NVNT	be40	2422	Ant1	24.01	30	Pass
NVNT	be40	2437	Ant1	24.74	30	Pass
NVNT	be40	2452	Ant1	24.48	30	Pass

Condition	Mode	Frequency (MHz)	Antenna	Conducted Power (dBm)	Limit (dBm)	Verdict
NVNT	b	2412	Ant2	24.64	30	Pass
NVNT	b	2437	Ant2	23.57	30	Pass
NVNT	b	2462	Ant2	23.76	30	Pass
NVNT	g	2412	Ant2	24.72	30	Pass
NVNT	g	2437	Ant2	23.35	30	Pass
NVNT	g	2462	Ant2	23.62	30	Pass
NVNT	n20	2412	Ant2	24.50	30	Pass
NVNT	n20	2437	Ant2	23.20	30	Pass
NVNT	n20	2462	Ant2	24.40	30	Pass
NVNT	n40	2422	Ant2	24.28	30	Pass
NVNT	n40	2437	Ant2	24.50	30	Pass
NVNT	n40	2452	Ant2	23.34	30	Pass



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NVNT	ax20	2412	Ant2	23.31	30	Pass
NVNT	ax20	2437	Ant2	24.88	30	Pass
NVNT	ax20	2462	Ant2	23.57	30	Pass
NVNT	ax40	2422	Ant2	23.78	30	Pass
NVNT	ax40	2437	Ant2	23.41	30	Pass
NVNT	ax40	2452	Ant2	24.68	30	Pass
NVNT	be20	2412	Ant2	24.25	30	Pass
NVNT	be20	2437	Ant2	23.25	30	Pass
NVNT	be20	2462	Ant2	23.16	30	Pass
NVNT	be40	2422	Ant2	24.03	30	Pass
NVNT	be40	2437	Ant2	24.38	30	Pass
NVNT	be40	2452	Ant2	24.62	30	Pass

MIMO

Condition	Mode	Frequency (MHz)	Conducted Power (dBm)			Limit (dBm)	Verdict
			Ant1	Ant2	Ant1+Ant2		
NVNT	n20	2412	24.81	24.50	27.67	30	Pass
NVNT	n20	2437	23.44	23.20	26.33	30	Pass
NVNT	n20	2462	24.35	24.40	27.39	30	Pass
NVNT	n40	2422	24.50	24.28	27.40	30	Pass
NVNT	n40	2437	23.83	24.50	27.19	30	Pass
NVNT	n40	2452	24.21	23.34	26.81	30	Pass
NVNT	ax20	2412	24.59	23.31	27.01	30	Pass
NVNT	ax20	2437	23.99	24.88	27.47	30	Pass
NVNT	ax20	2462	24.25	23.57	26.93	30	Pass
NVNT	ax40	2422	23.70	23.78	26.75	30	Pass
NVNT	ax40	2437	23.60	23.41	26.52	30	Pass
NVNT	ax40	2452	24.18	24.68	27.45	30	Pass
NVNT	be20	2412	23.36	24.25	26.84	30	Pass
NVNT	be20	2437	23.22	23.25	26.25	30	Pass
NVNT	be20	2462	23.39	23.16	26.29	30	Pass
NVNT	be40	2422	24.01	24.03	27.03	30	Pass
NVNT	be40	2437	24.74	24.38	27.57	30	Pass
NVNT	be40	2452	24.48	24.62	27.56	30	Pass



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A.3 Maximum Power Spectral Density Level

Condition	Mode	Frequency (MHz)	Antenna	Conducted PSD (dBm/3kHz)	Limit (dBm/3kHz)	Verdict
NVNT	b	2412	Ant1	-9.4	8	Pass
NVNT	b	2437	Ant1	-8.66	8	Pass
NVNT	b	2462	Ant1	-10.52	8	Pass
NVNT	g	2412	Ant1	-13.87	8	Pass
NVNT	g	2437	Ant1	-15.13	8	Pass
NVNT	g	2462	Ant1	-14.58	8	Pass
NVNT	n20	2412	Ant1	-15.03	8	Pass
NVNT	n20	2437	Ant1	-14.63	8	Pass
NVNT	n20	2462	Ant1	-18.06	8	Pass
NVNT	n40	2422	Ant1	-18.18	8	Pass
NVNT	n40	2437	Ant1	-18.2	8	Pass
NVNT	n40	2452	Ant1	-18.44	8	Pass
NVNT	ax20	2412	Ant1	-16.21	8	Pass
NVNT	ax20	2437	Ant1	-16.03	8	Pass
NVNT	ax20	2462	Ant1	-16.35	8	Pass
NVNT	ax40	2422	Ant1	-19.58	8	Pass
NVNT	ax40	2437	Ant1	-20.49	8	Pass
NVNT	ax40	2452	Ant1	-19.17	8	Pass
NVNT	be20	2412	Ant1	-16.67	8	Pass
NVNT	be20	2437	Ant1	-16.77	8	Pass
NVNT	be20	2462	Ant1	-16.71	8	Pass
NVNT	be40	2422	Ant1	-19.33	8	Pass
NVNT	be40	2437	Ant1	-20.3	8	Pass
NVNT	be40	2452	Ant1	-18.47	8	Pass

Condition	Mode	Frequency (MHz)	Antenna	Conducted PSD (dBm/3kHz)	Limit (dBm/3kHz)	Verdict
NVNT	b	2412	Ant2	-5.95	8	Pass
NVNT	b	2437	Ant2	-10.78	8	Pass
NVNT	b	2462	Ant2	-8.73	8	Pass
NVNT	g	2412	Ant2	-14.15	8	Pass
NVNT	g	2437	Ant2	-14.35	8	Pass
NVNT	g	2462	Ant2	-14.14	8	Pass
NVNT	n20	2412	Ant2	-14.65	8	Pass
NVNT	n20	2437	Ant2	-14.85	8	Pass
NVNT	n20	2462	Ant2	-16.65	8	Pass
NVNT	n40	2422	Ant2	-18.11	8	Pass
NVNT	n40	2437	Ant2	-18	8	Pass
NVNT	n40	2452	Ant2	-19.08	8	Pass



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NVNT	ax20	2412	Ant2	-15.37	8	Pass
NVNT	ax20	2437	Ant2	-16.64	8	Pass
NVNT	ax20	2462	Ant2	-17.1	8	Pass
NVNT	ax40	2422	Ant2	-19.73	8	Pass
NVNT	ax40	2437	Ant2	-20	8	Pass
NVNT	ax40	2452	Ant2	-19.09	8	Pass
NVNT	be20	2412	Ant2	-16.96	8	Pass
NVNT	be20	2437	Ant2	-16.1	8	Pass
NVNT	be20	2462	Ant2	-17.13	8	Pass
NVNT	be40	2422	Ant2	-20.64	8	Pass
NVNT	be40	2437	Ant2	-20.75	8	Pass
NVNT	be40	2452	Ant2	-19.72	8	Pass

MIMO

Condition	Mode	Frequency (MHz)	Conducted PSD (dBm/3kHz)			Limit (dBm)	Verdict
			Ant1	Ant2	Ant1+Ant2		
NVNT	n20	2412	-15.03	-14.65	-11.83	6.9	Pass
NVNT	n20	2437	-14.63	-14.85	-11.73	6.9	Pass
NVNT	n20	2462	-18.06	-16.65	-14.29	6.9	Pass
NVNT	n40	2422	-18.18	-18.11	-15.13	6.9	Pass
NVNT	n40	2437	-18.2	-18	-15.09	6.9	Pass
NVNT	n40	2452	-18.44	-19.08	-15.74	6.9	Pass
NVNT	ax20	2412	-16.21	-15.37	-12.76	6.9	Pass
NVNT	ax20	2437	-16.03	-16.64	-13.31	6.9	Pass
NVNT	ax20	2462	-16.35	-17.1	-13.70	6.9	Pass
NVNT	ax40	2422	-19.58	-19.73	-16.64	6.9	Pass
NVNT	ax40	2437	-20.49	-20	-17.23	6.9	Pass
NVNT	ax40	2452	-19.17	-19.09	-16.12	6.9	Pass
NVNT	be20	2412	-16.67	-16.96	-13.80	6.9	Pass
NVNT	be20	2437	-16.77	-16.1	-13.41	6.9	Pass
NVNT	be20	2462	-16.71	-17.13	-13.90	6.9	Pass
NVNT	be40	2422	-19.33	-20.64	-16.93	6.9	Pass
NVNT	be40	2437	-20.3	-20.75	-17.51	6.9	Pass
NVNT	be40	2452	-18.47	-19.72	-16.04	6.9	Pass



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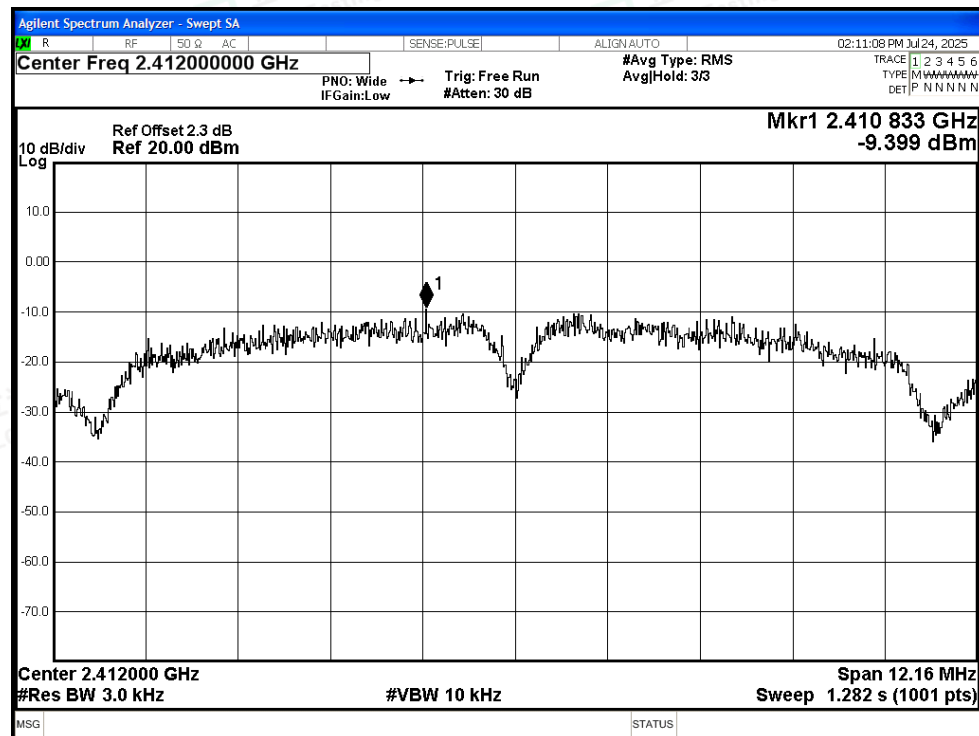
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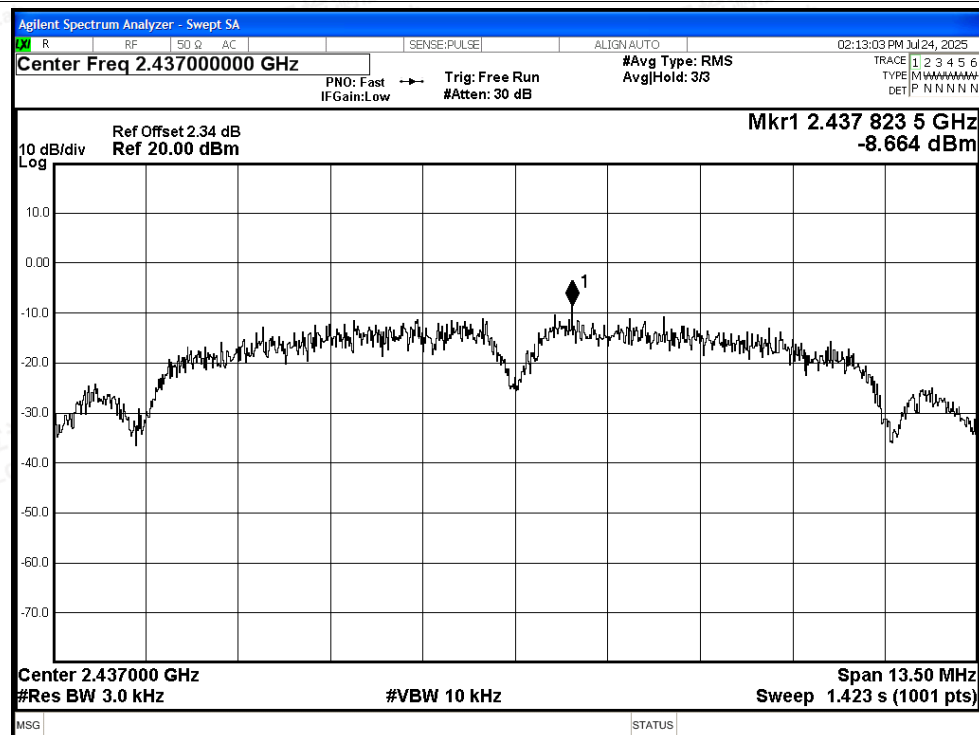


Test Graphs

PSD NVNT b 2412MHz Ant1



PSD NVNT b 2437MHz Ant1



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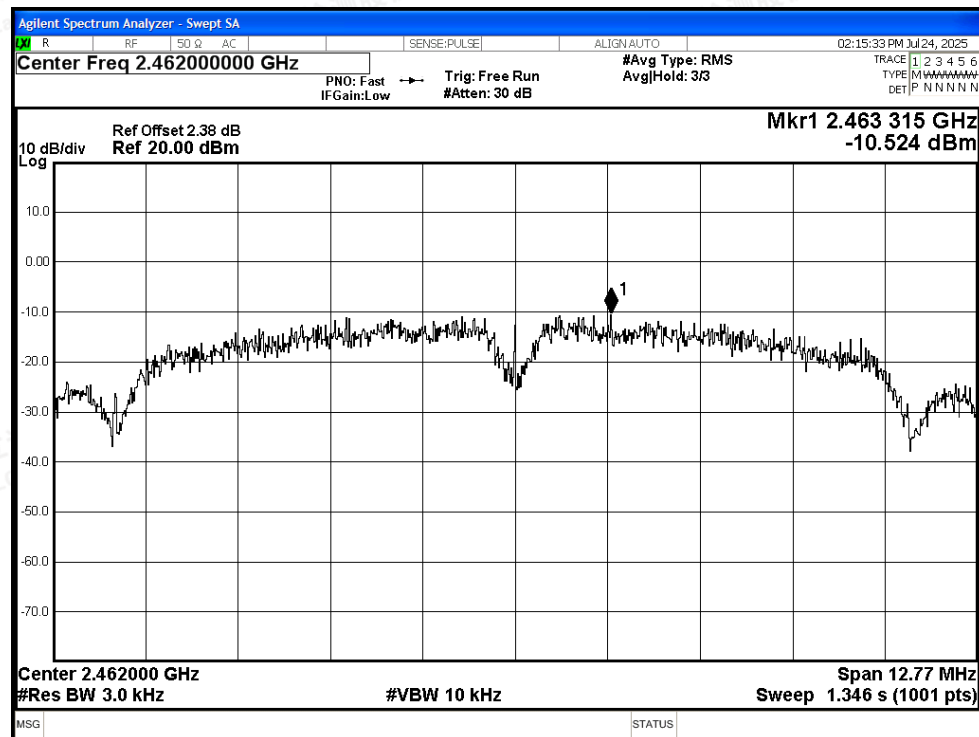
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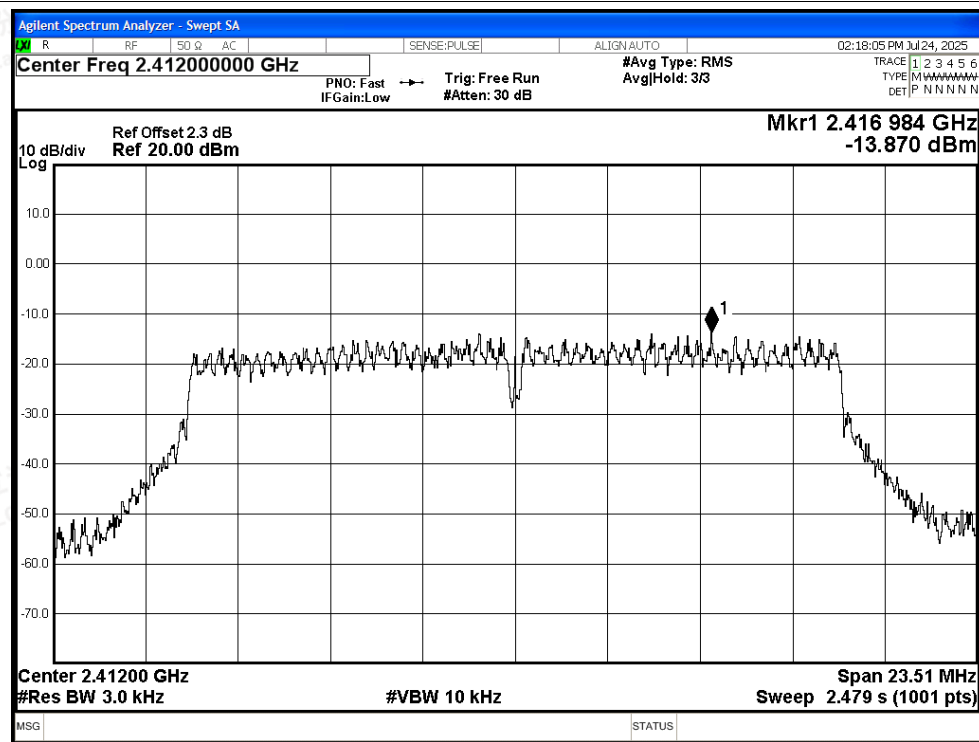
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PSD NVNT b 2462MHz Ant1



PSD NVNT g 2412MHz Ant1



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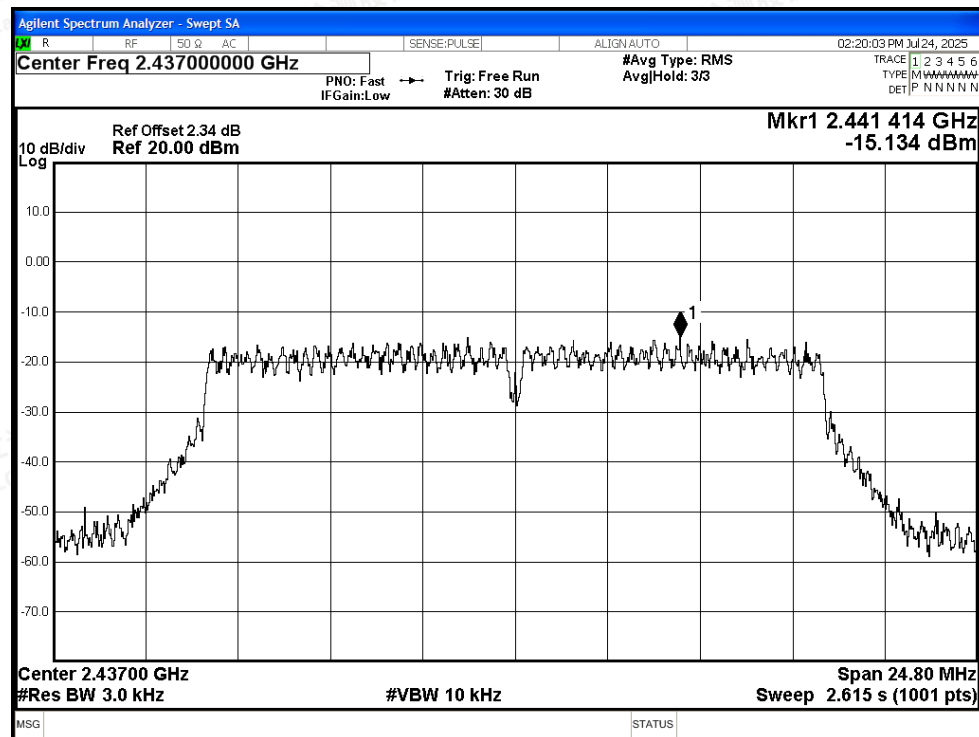
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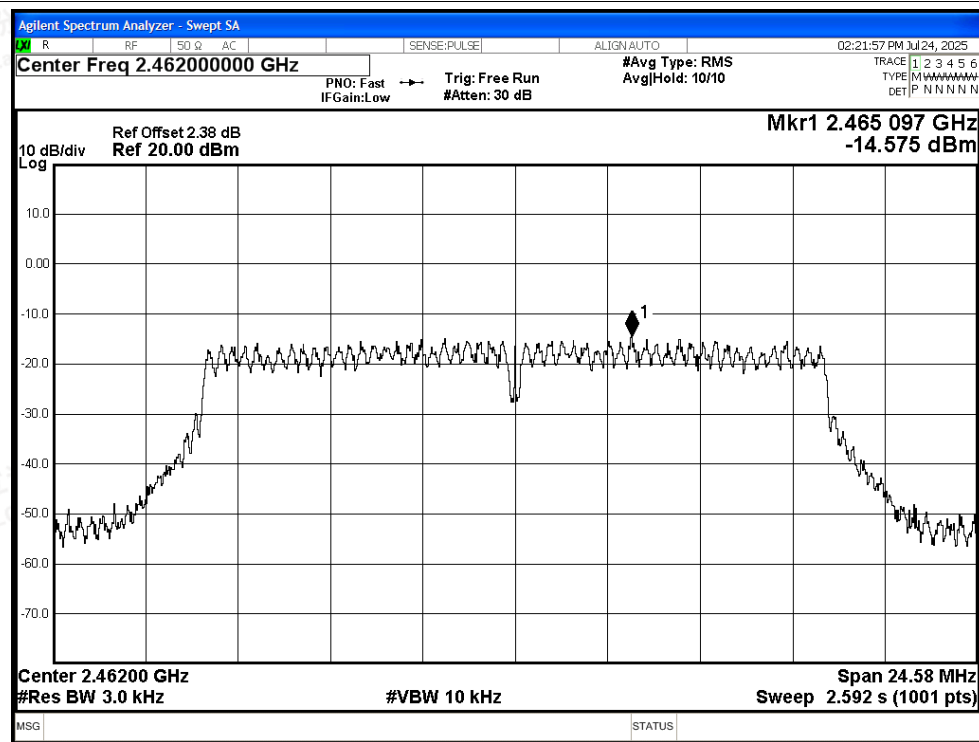
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PSD NVNT g 2437MHz Ant1



PSD NVNT g 2462MHz Ant1

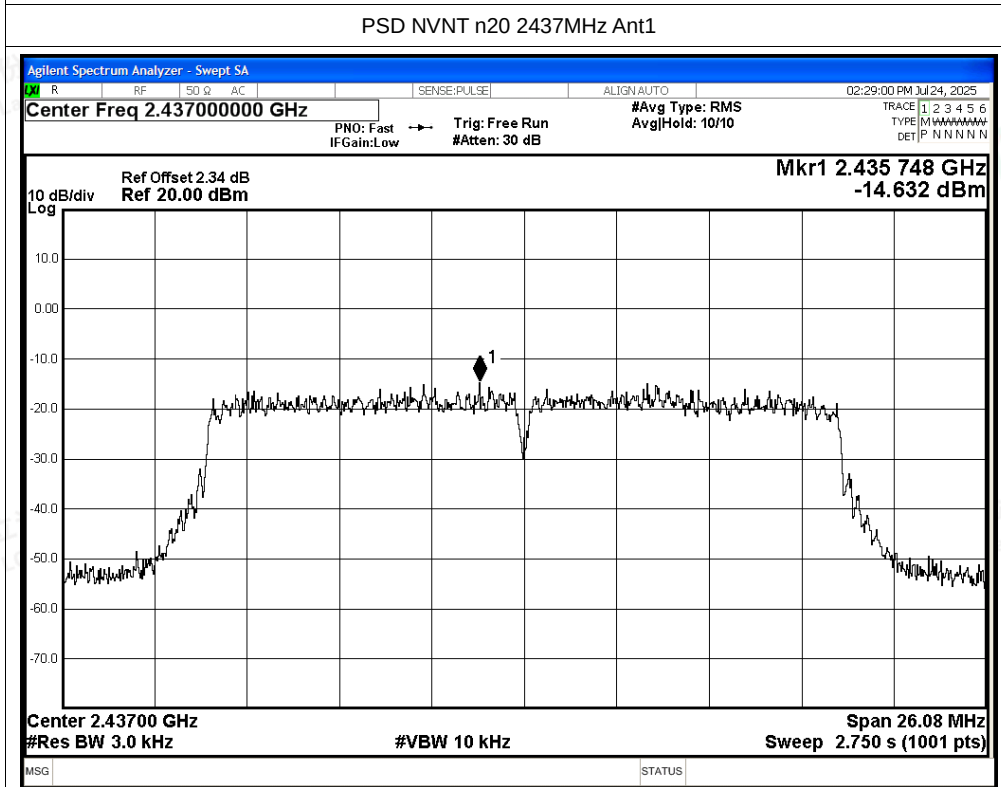
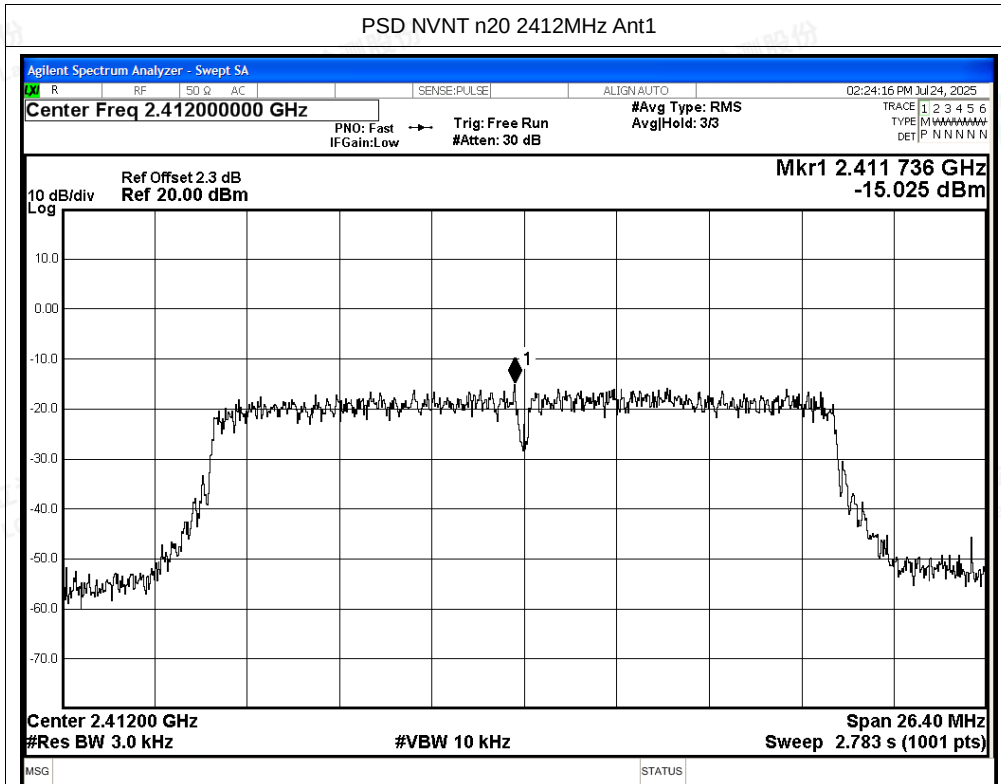


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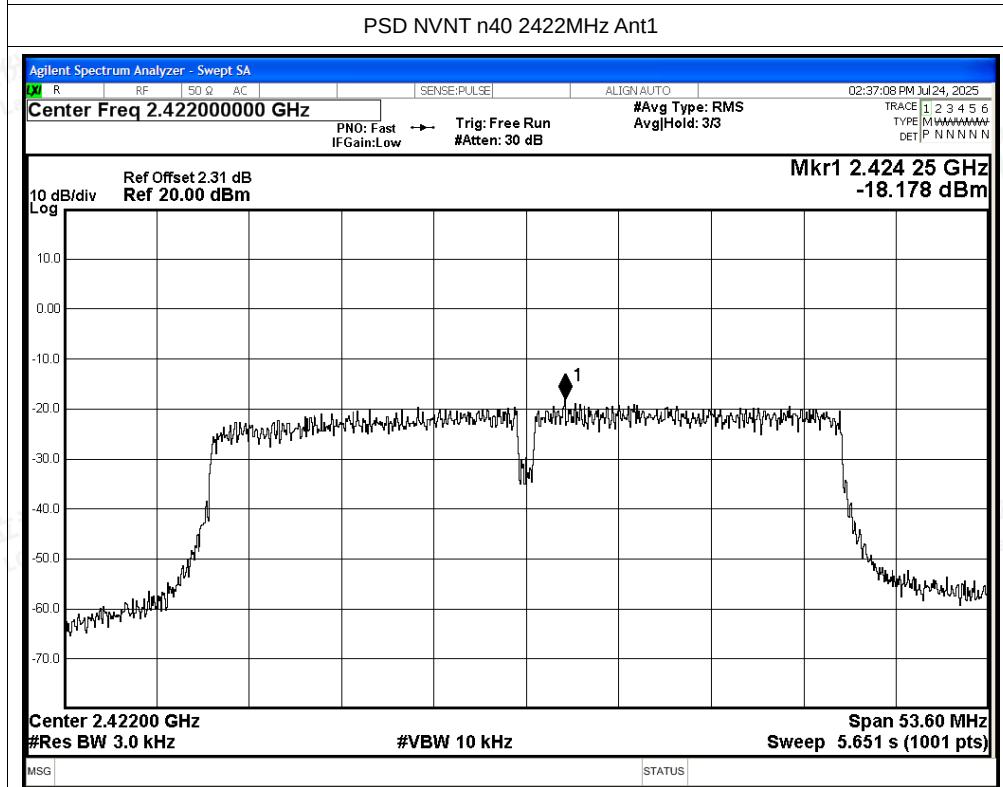
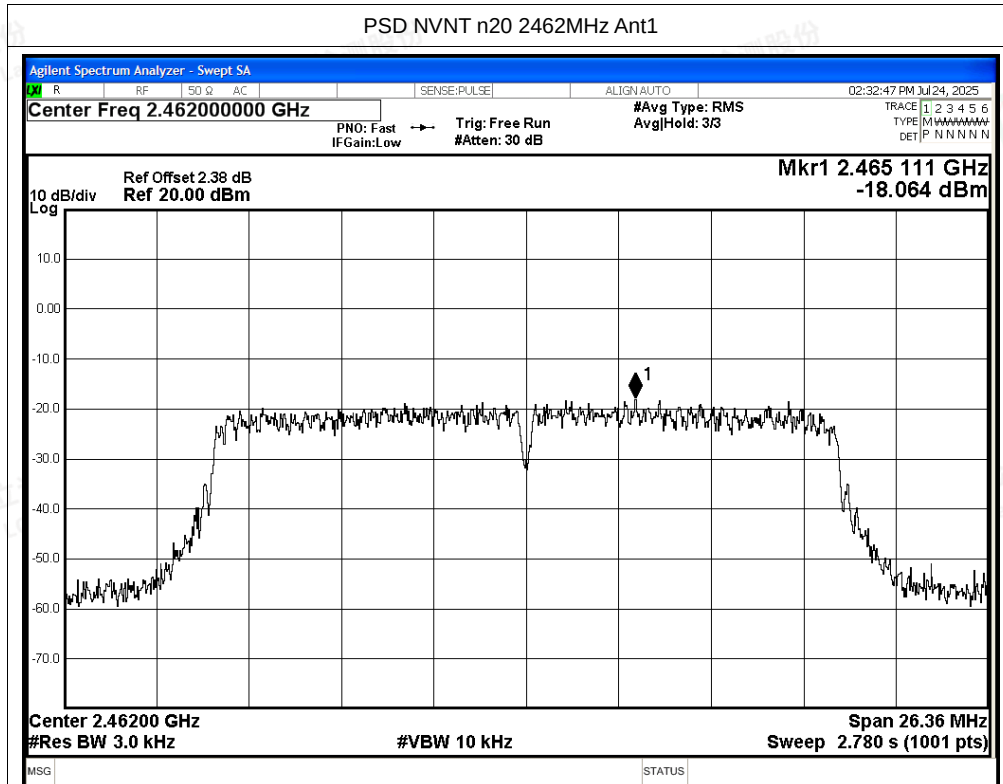


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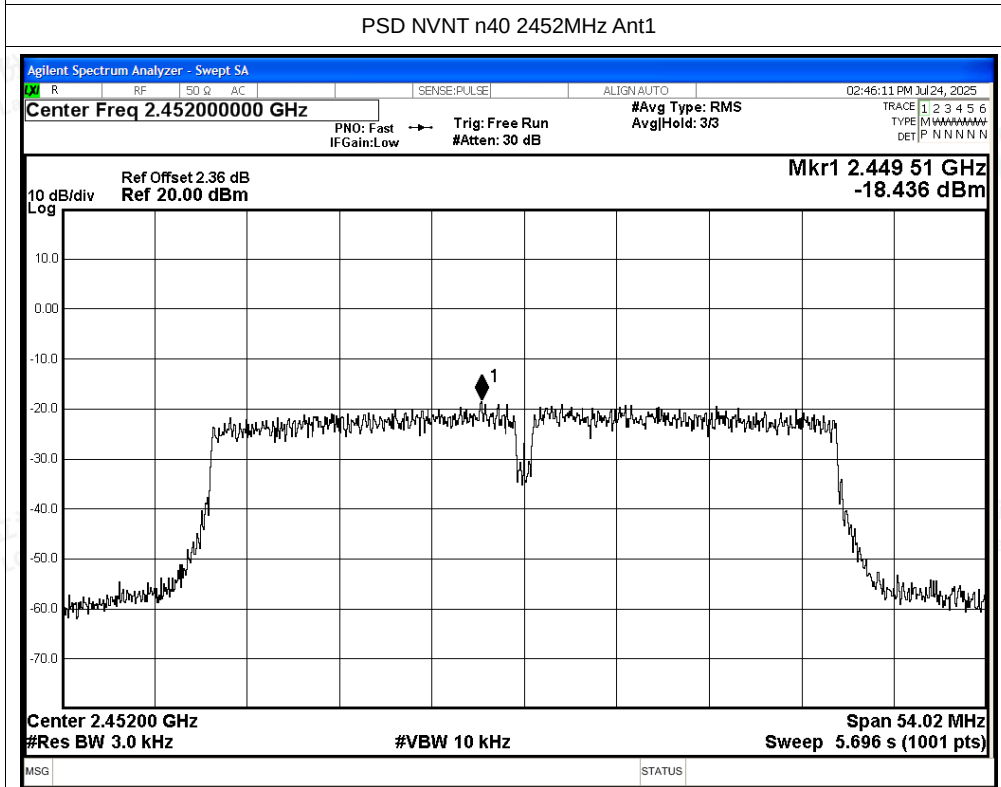
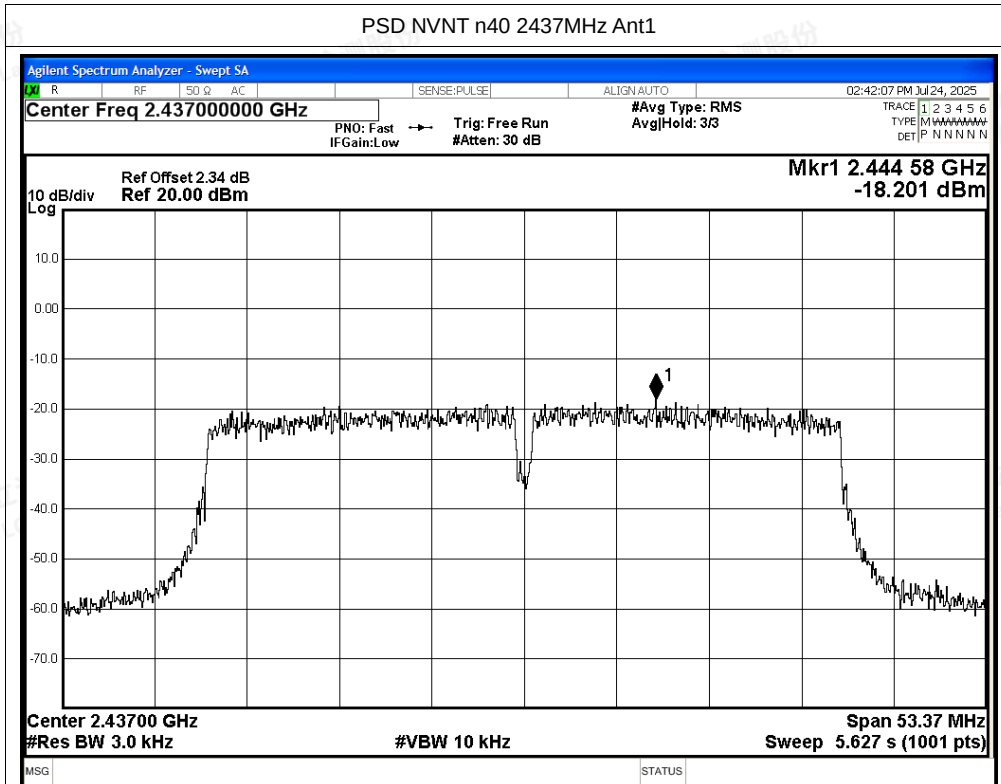


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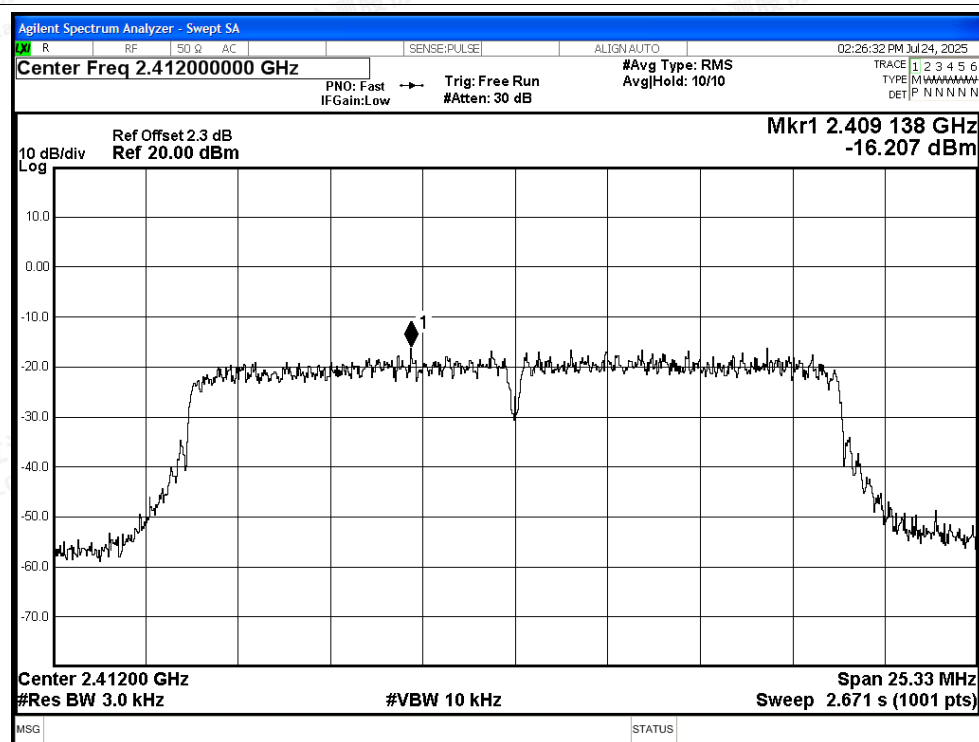
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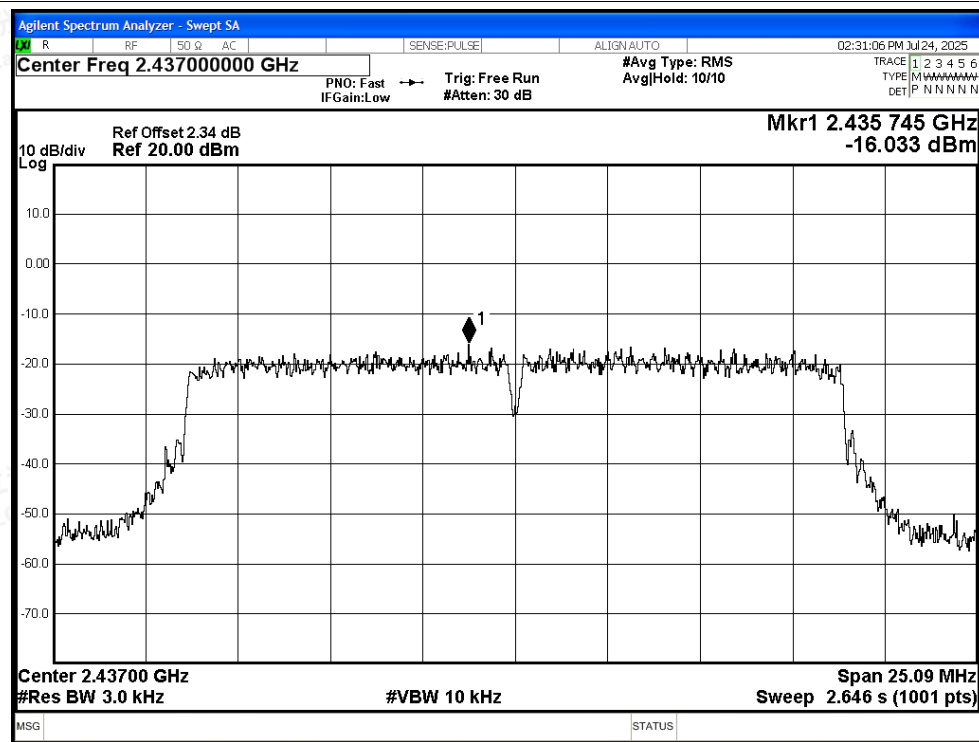
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PSD NVNT ax20 2412MHz Ant1



PSD NVNT ax20 2437MHz Ant1

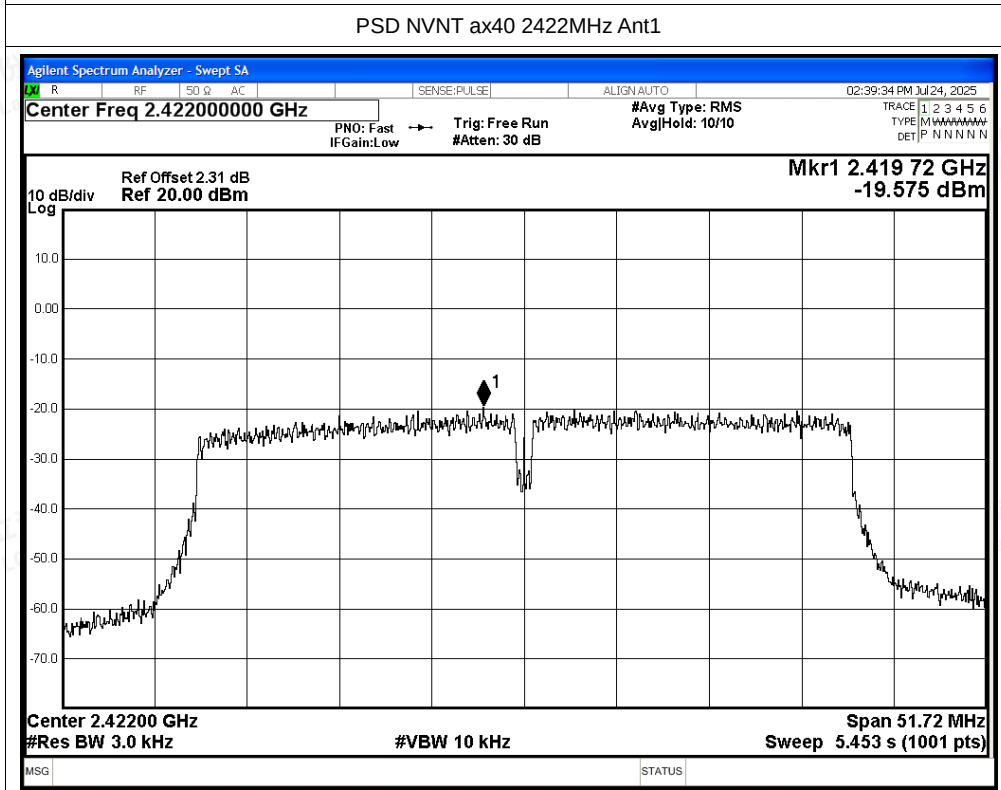
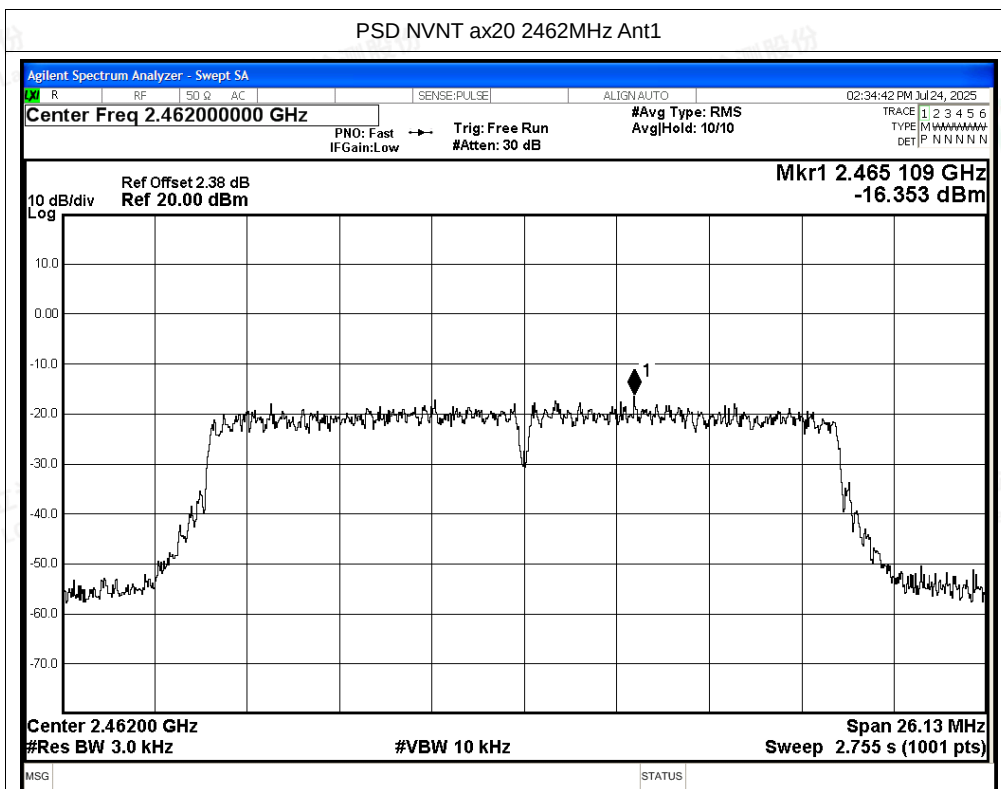


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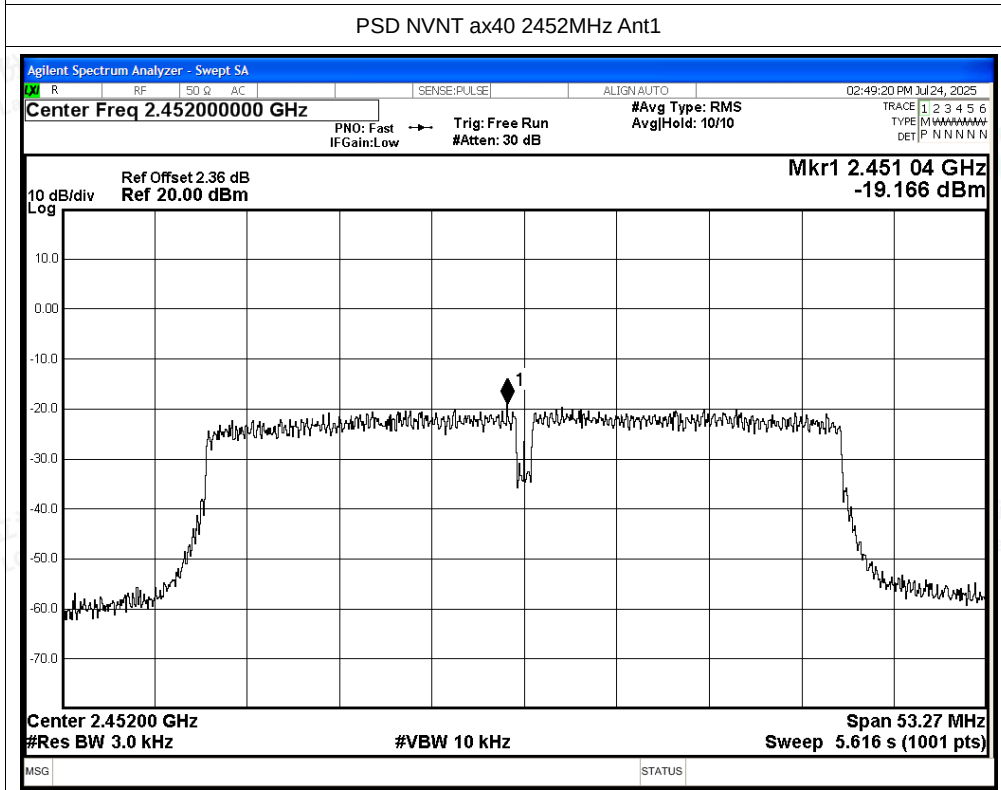
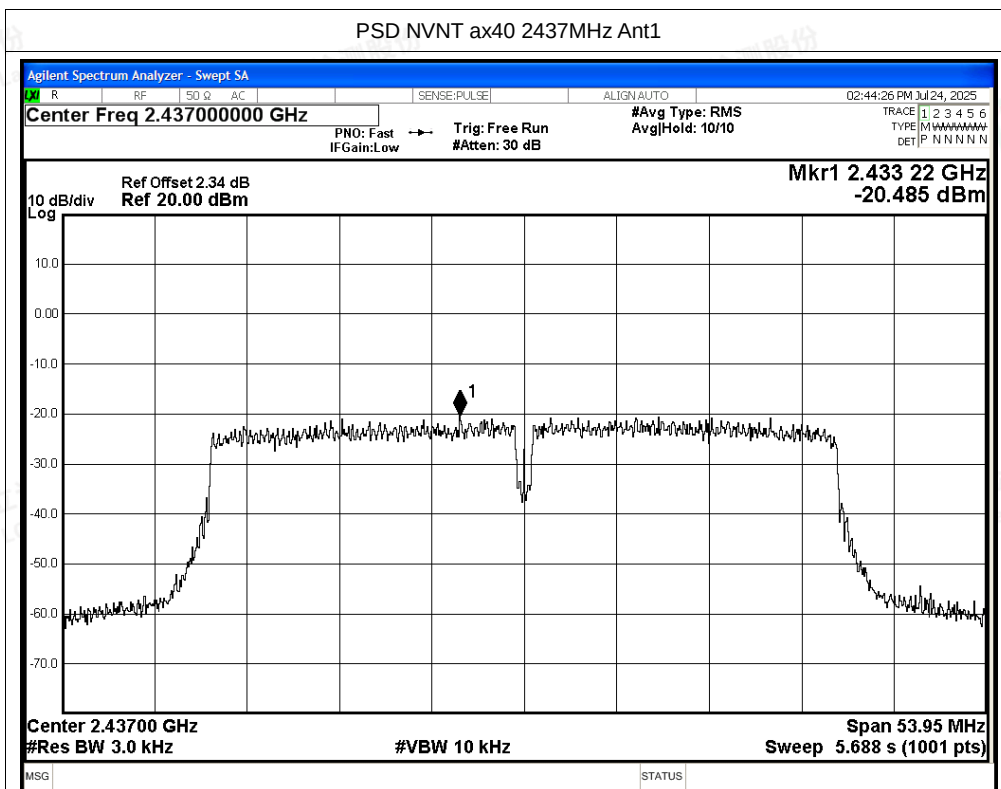


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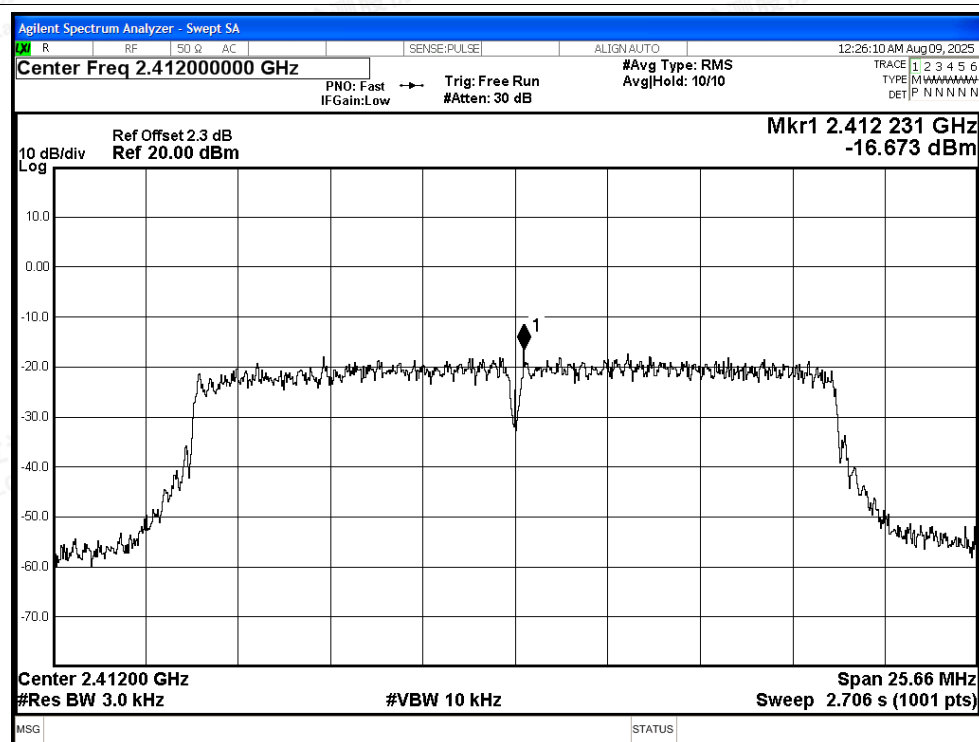
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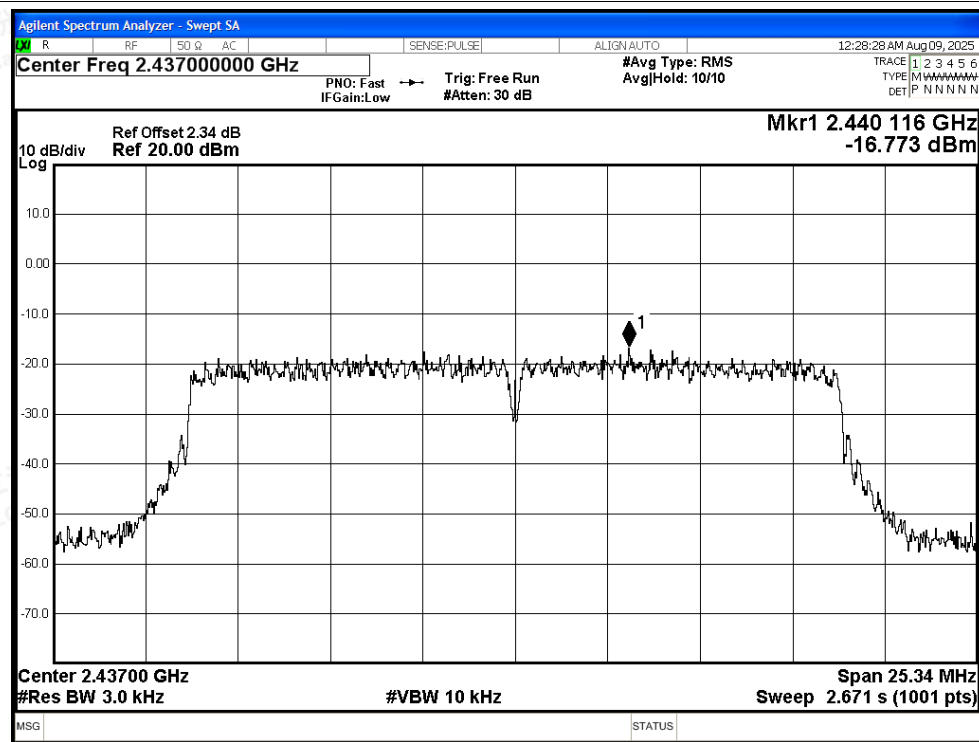
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PSD NVNT be20 2437MHz Ant1



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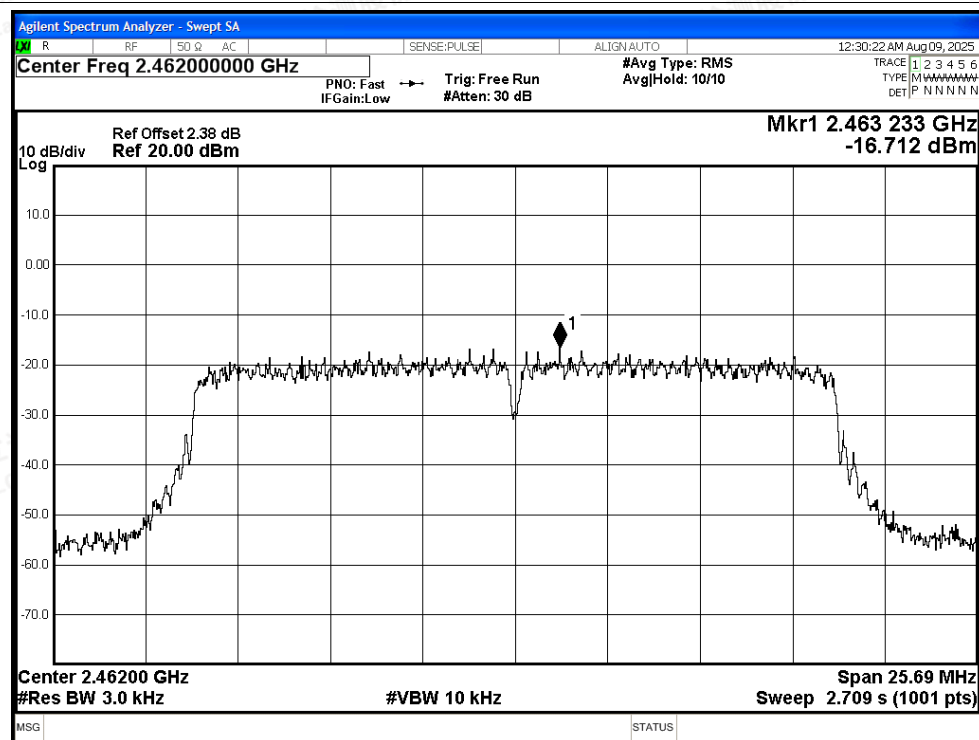
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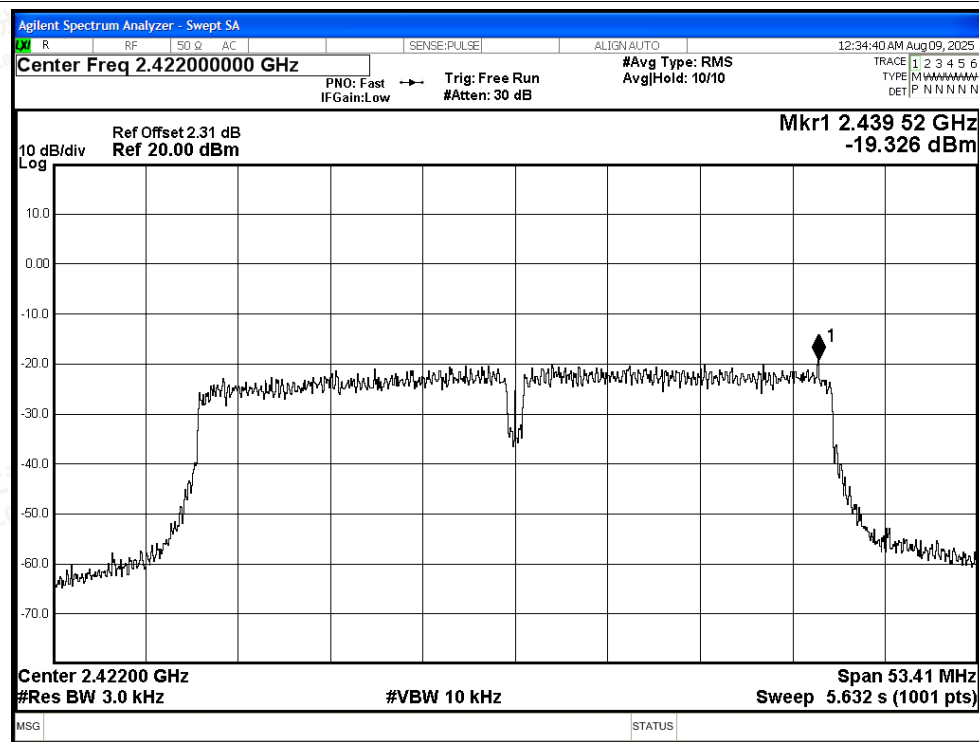
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PSD NVNT be20 2462MHz Ant1



PSD NVNT be40 2422MHz Ant1



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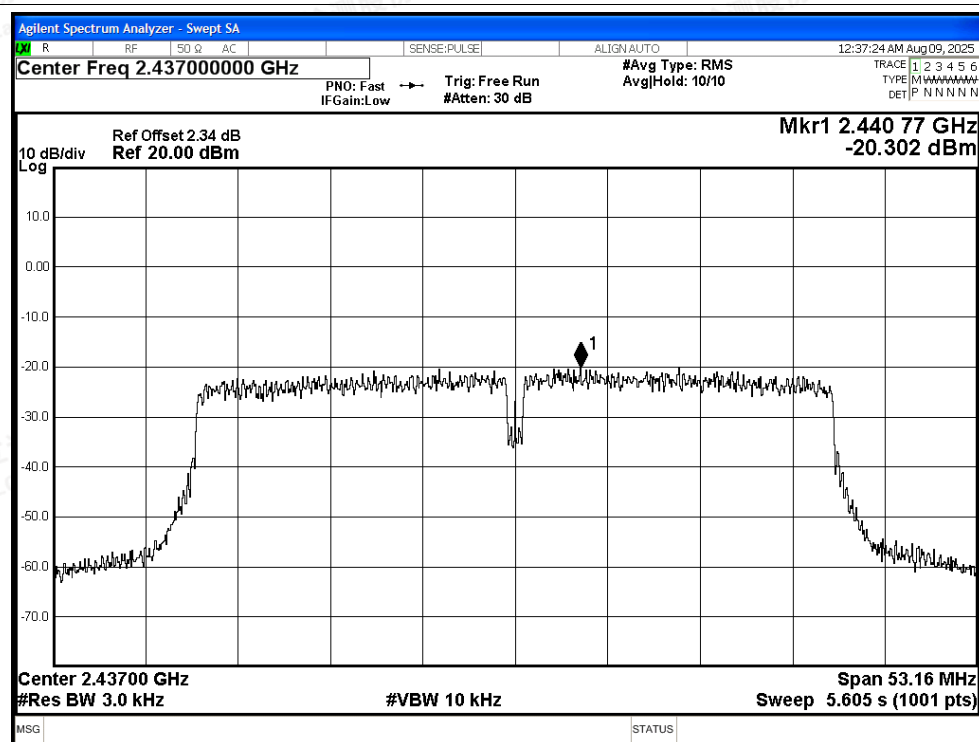
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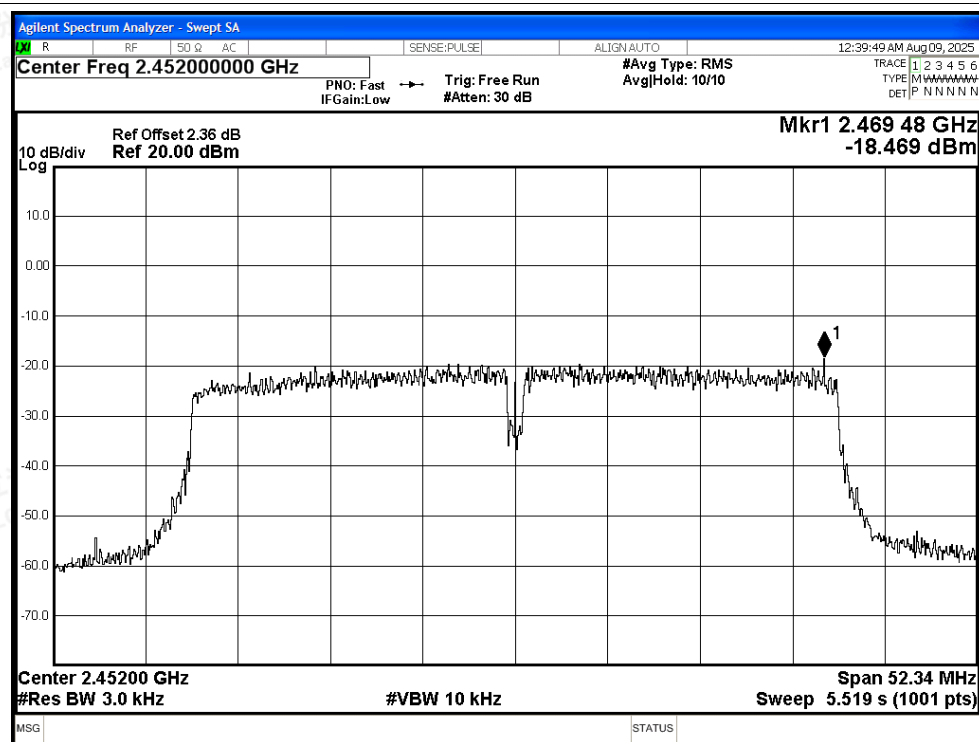
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PSD NVNT be40 2437MHz Ant1



PSD NVNT be40 2452MHz Ant1

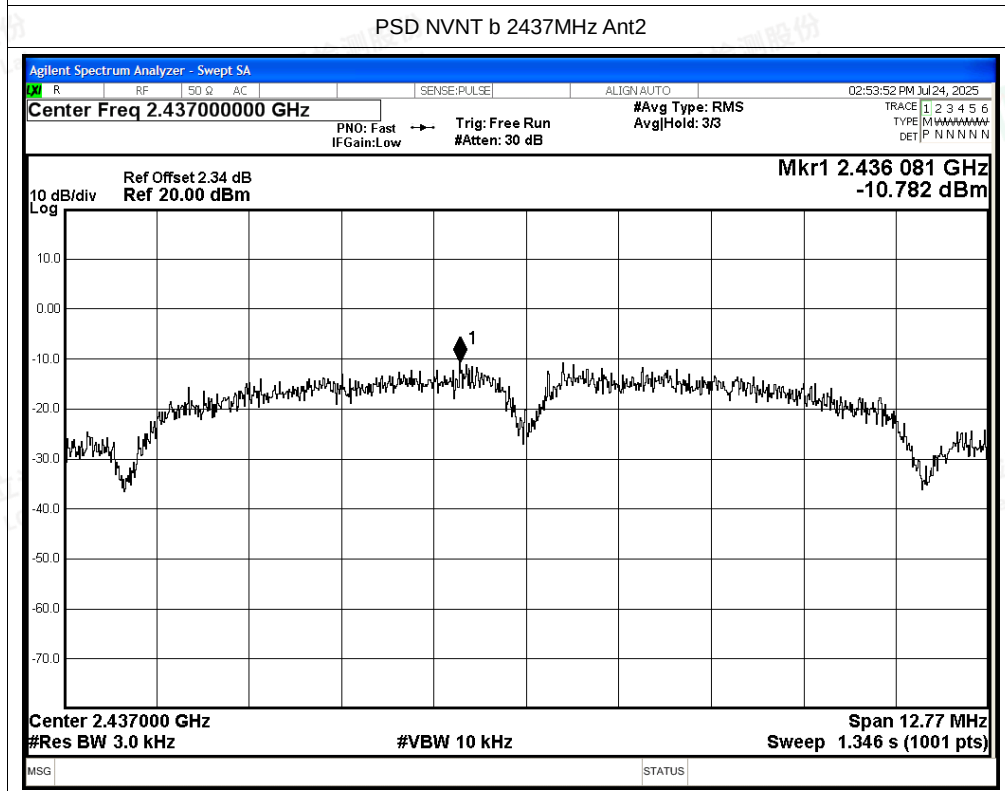
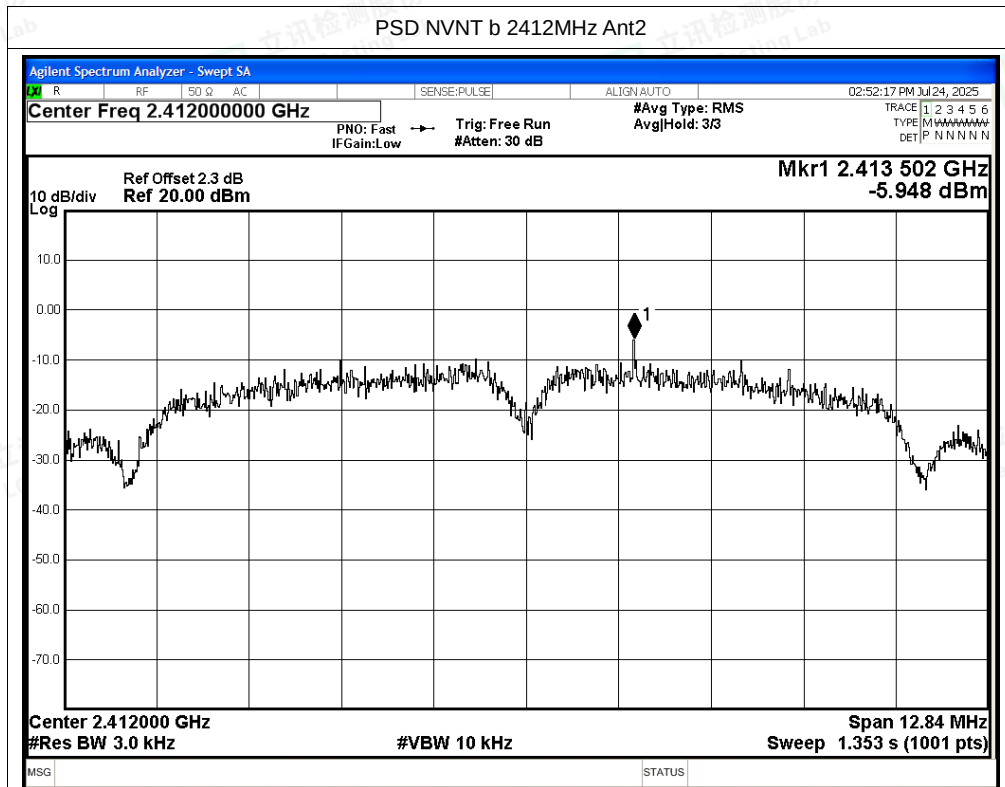


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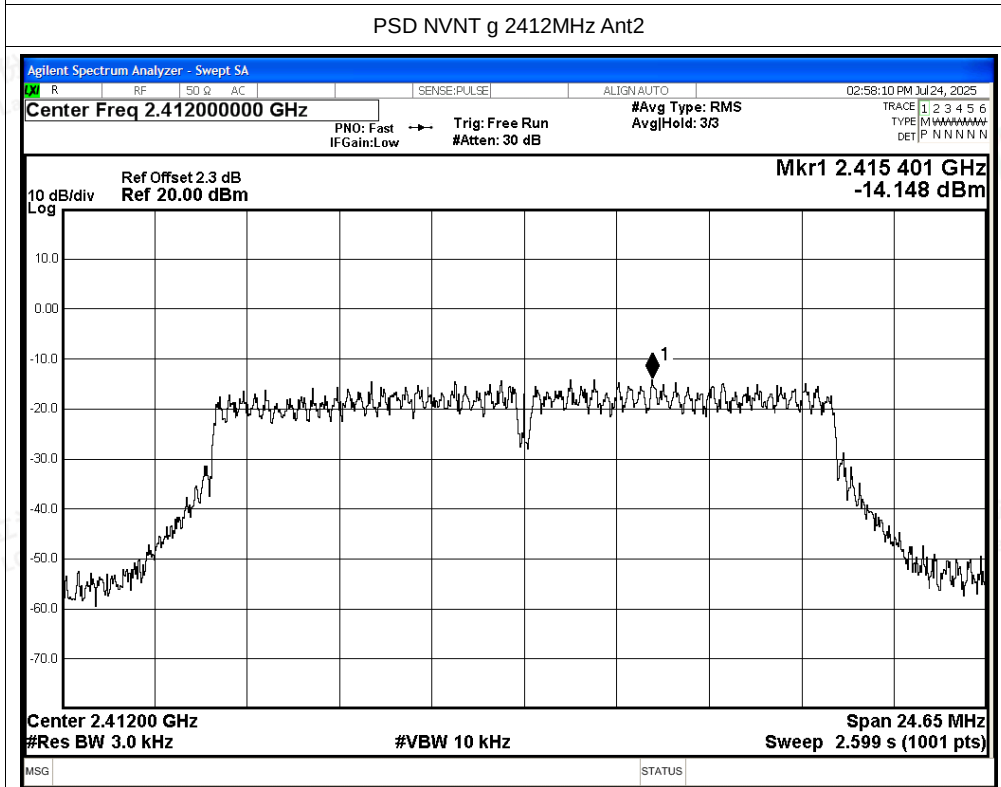
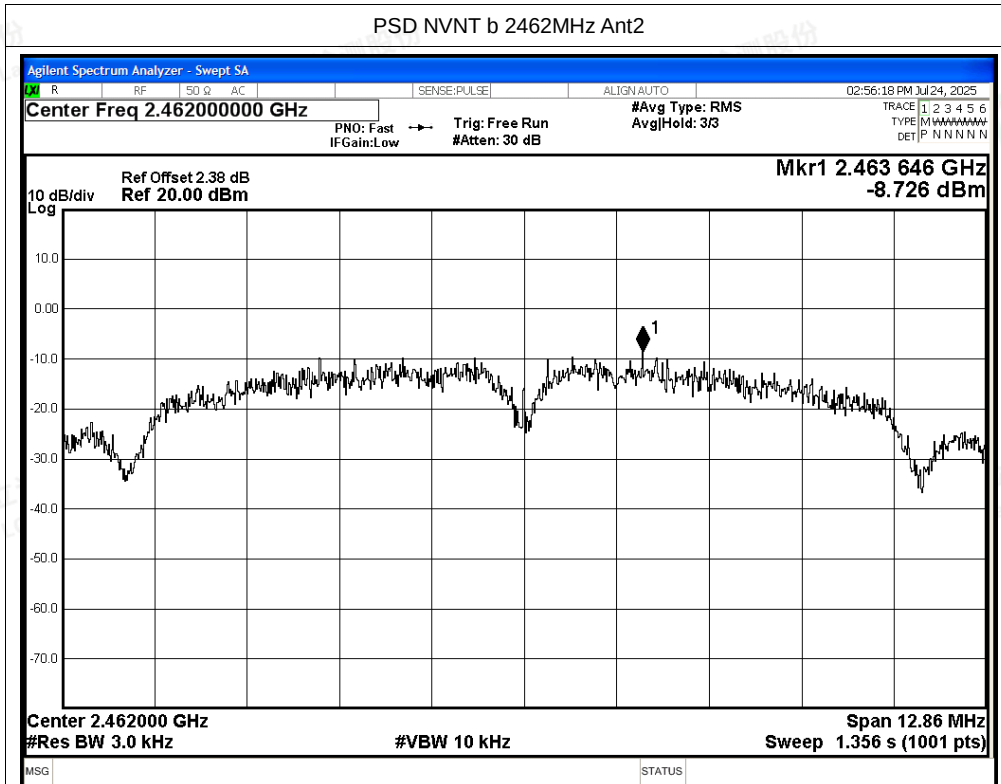


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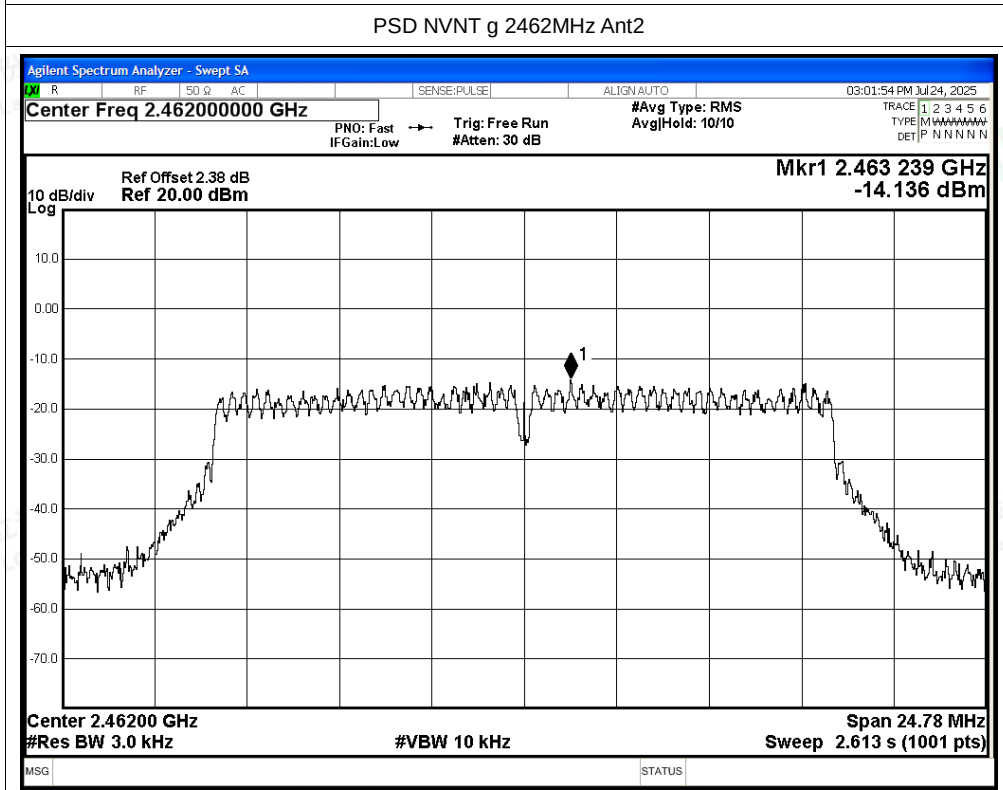
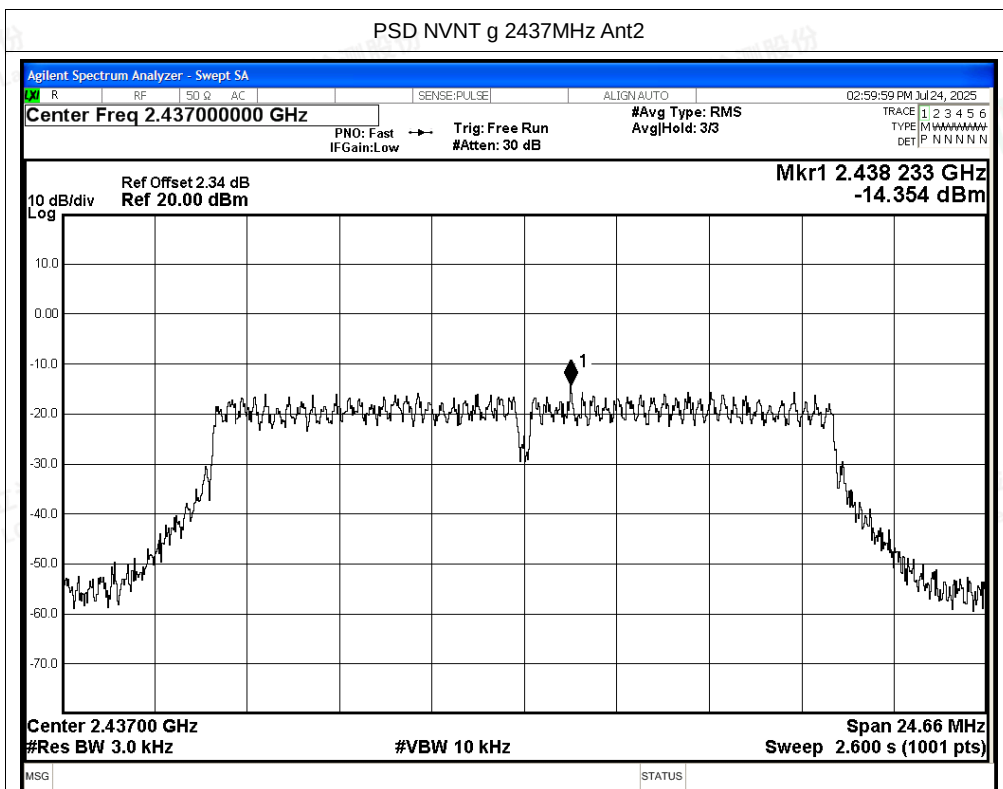


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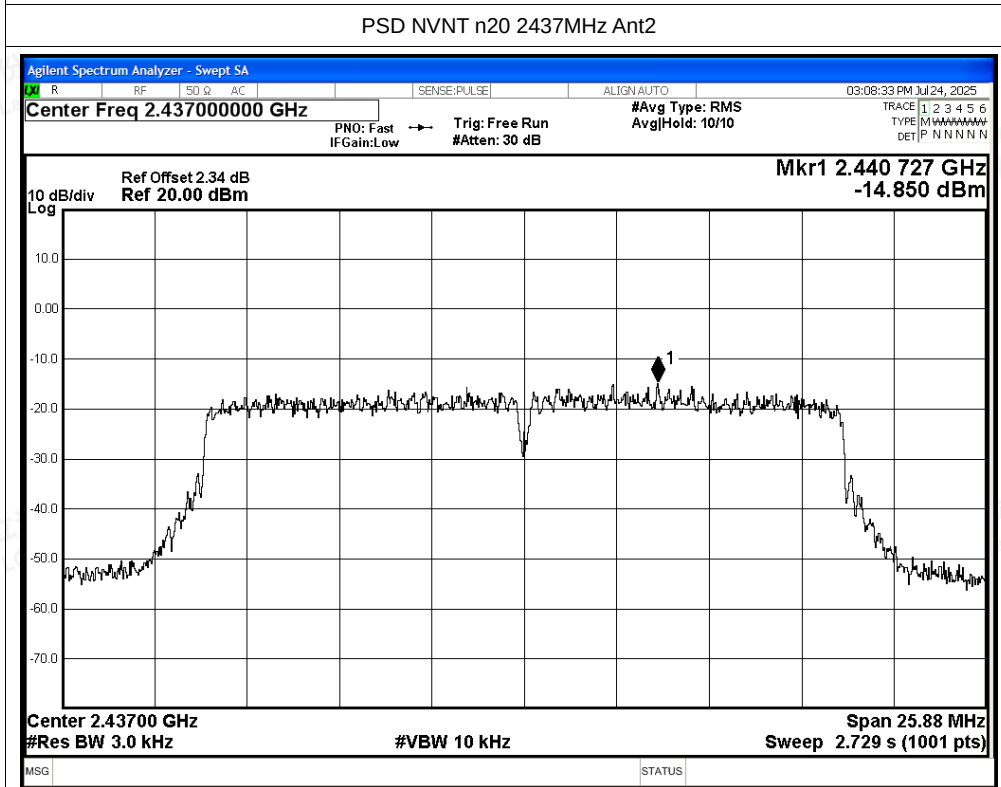
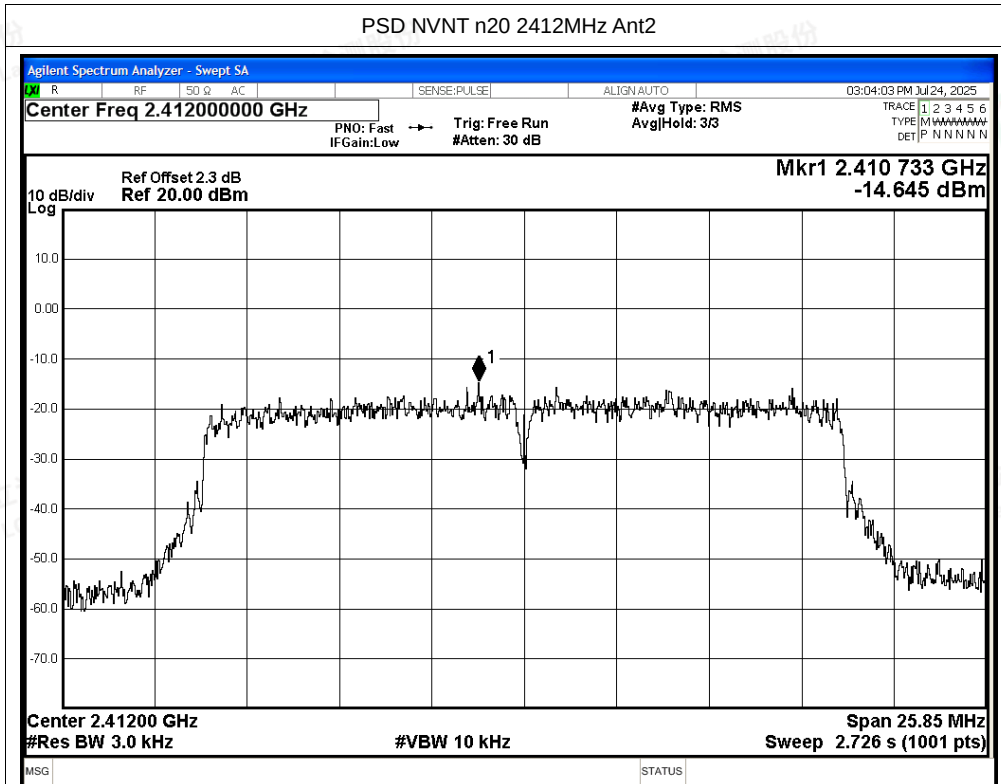


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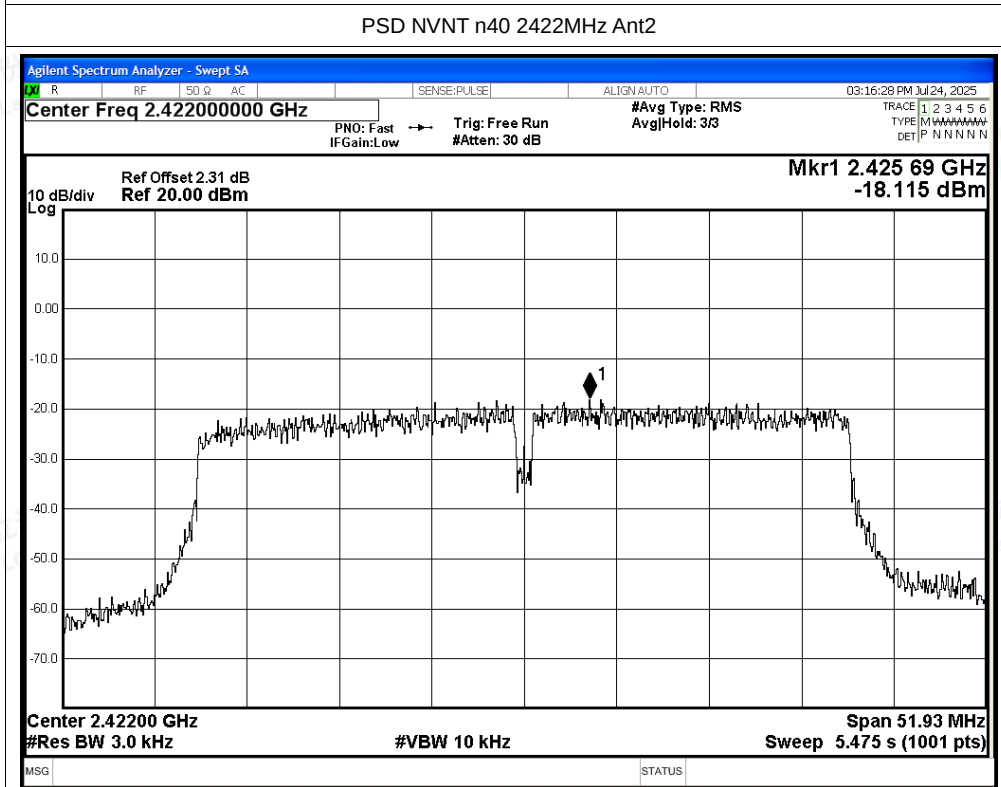
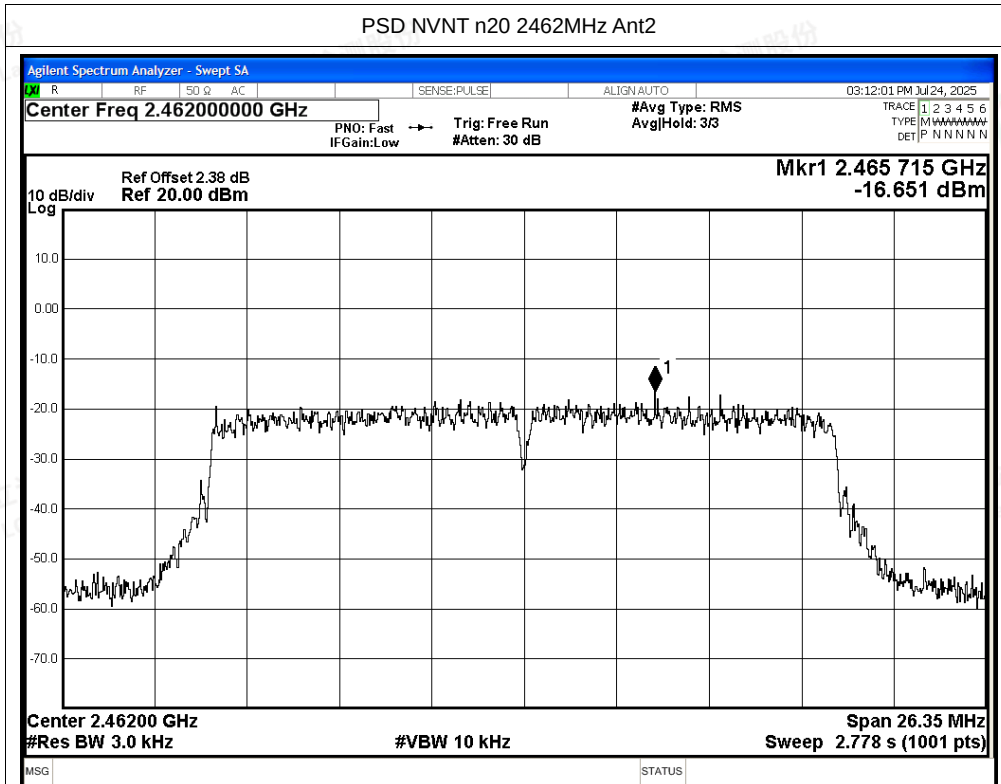


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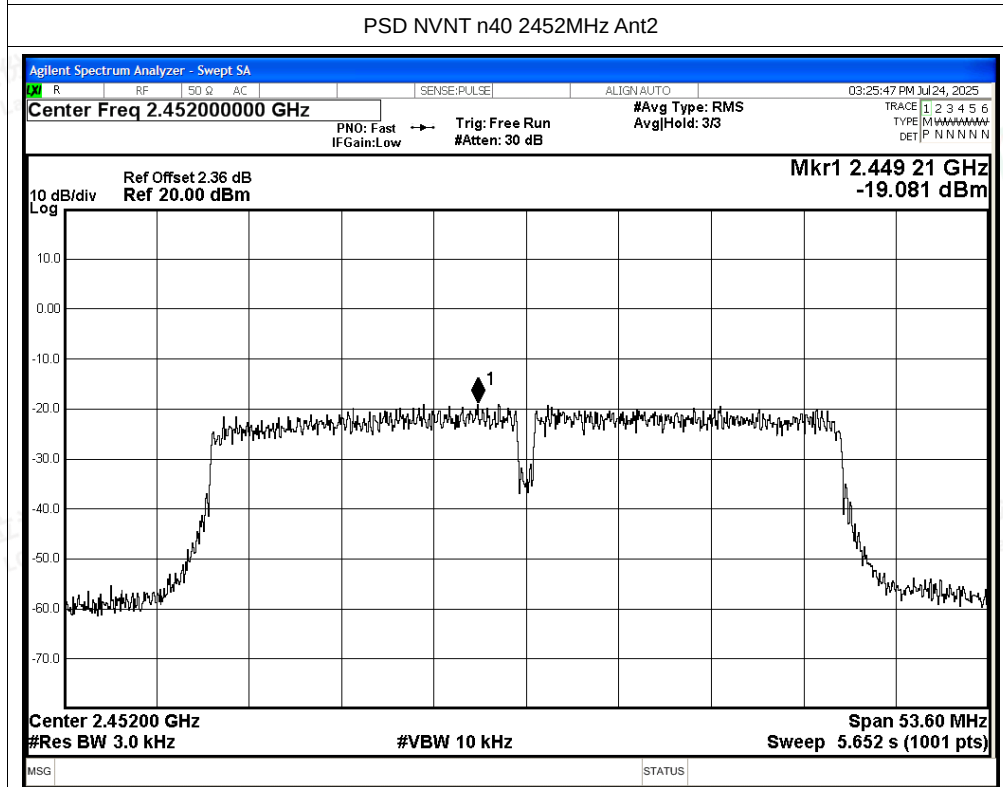
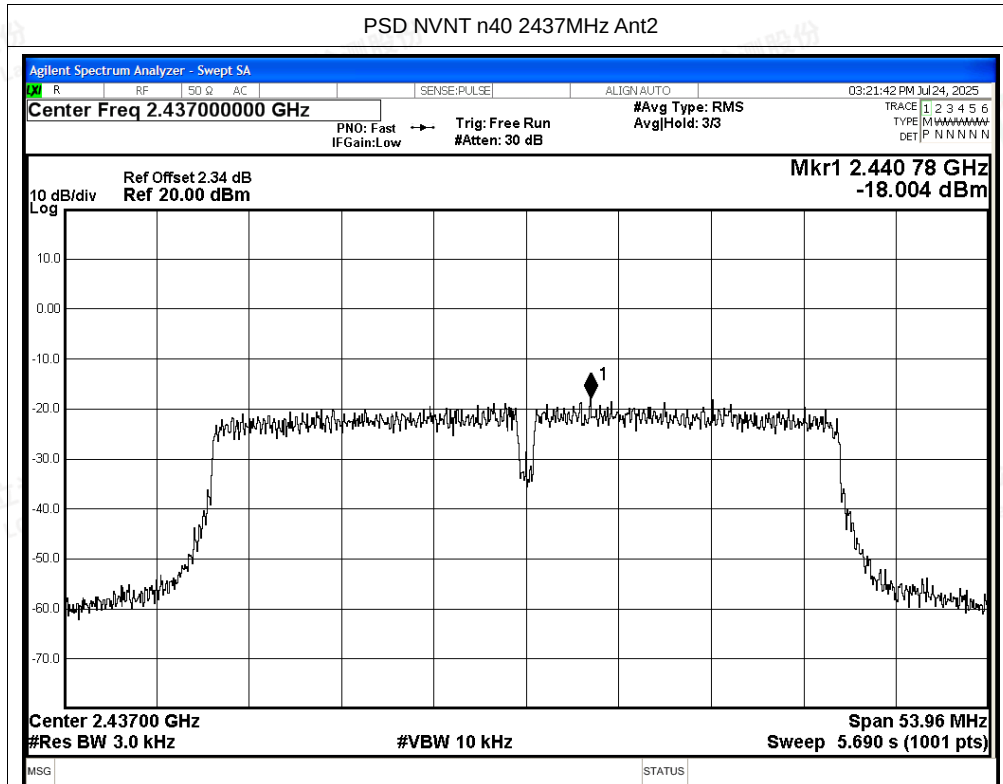


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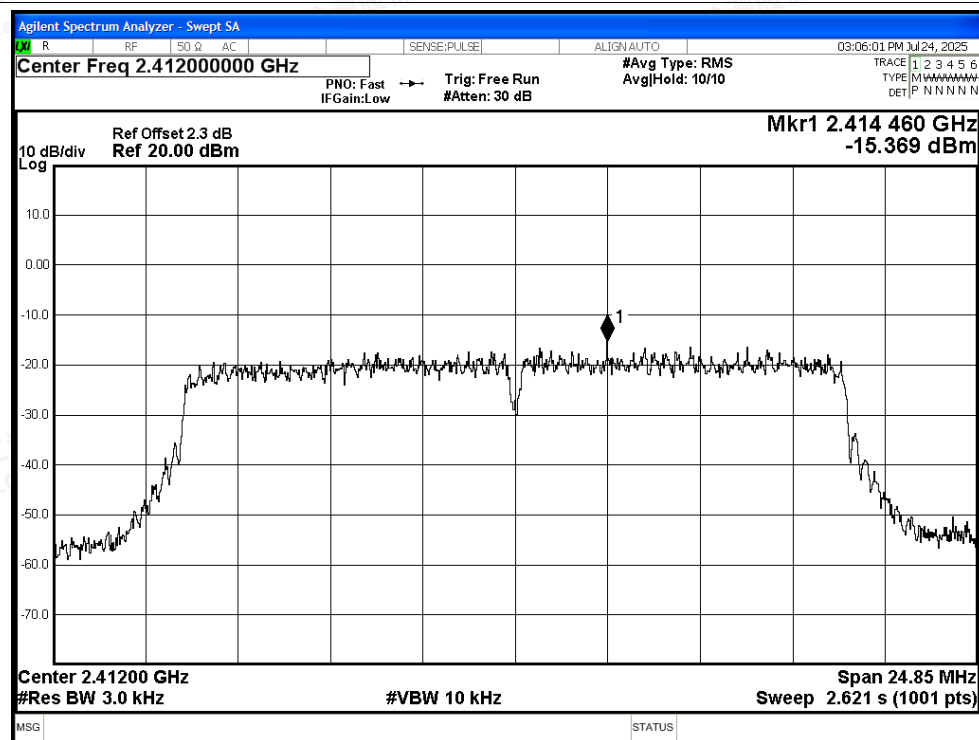
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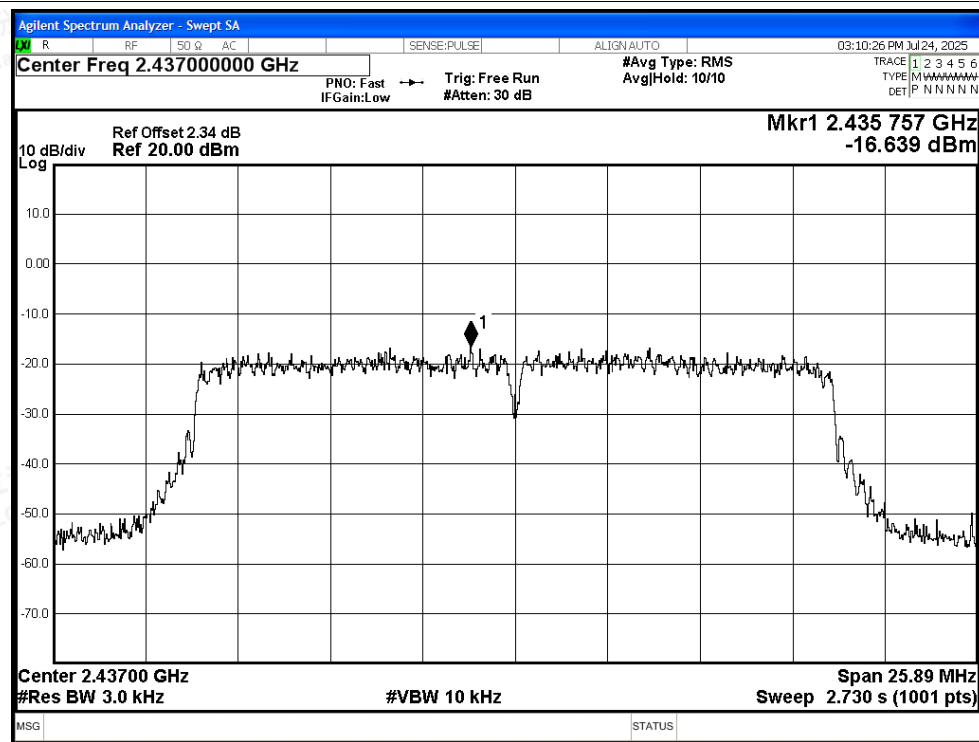
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PSD NVNT ax20 2412MHz Ant2



PSD NVNT ax20 2437MHz Ant2



Shenzhen LCS Compliance Testing Laboratory Ltd.

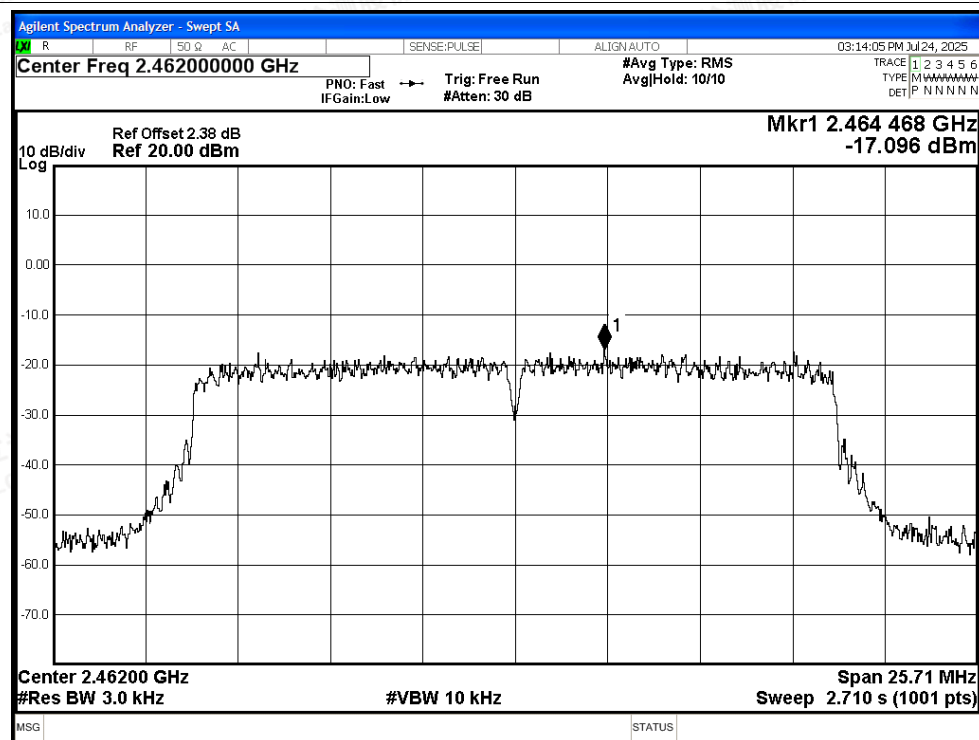
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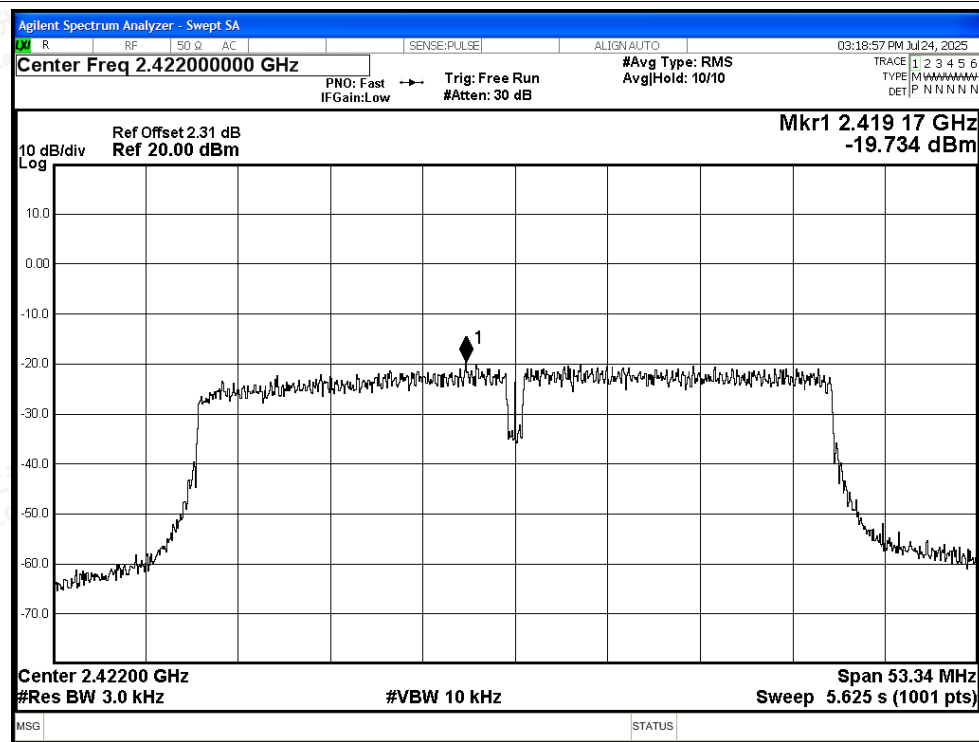
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PSD NVNT ax20 2462MHz Ant2



PSD NVNT ax40 2422MHz Ant2



Shenzhen LCS Compliance Testing Laboratory Ltd.

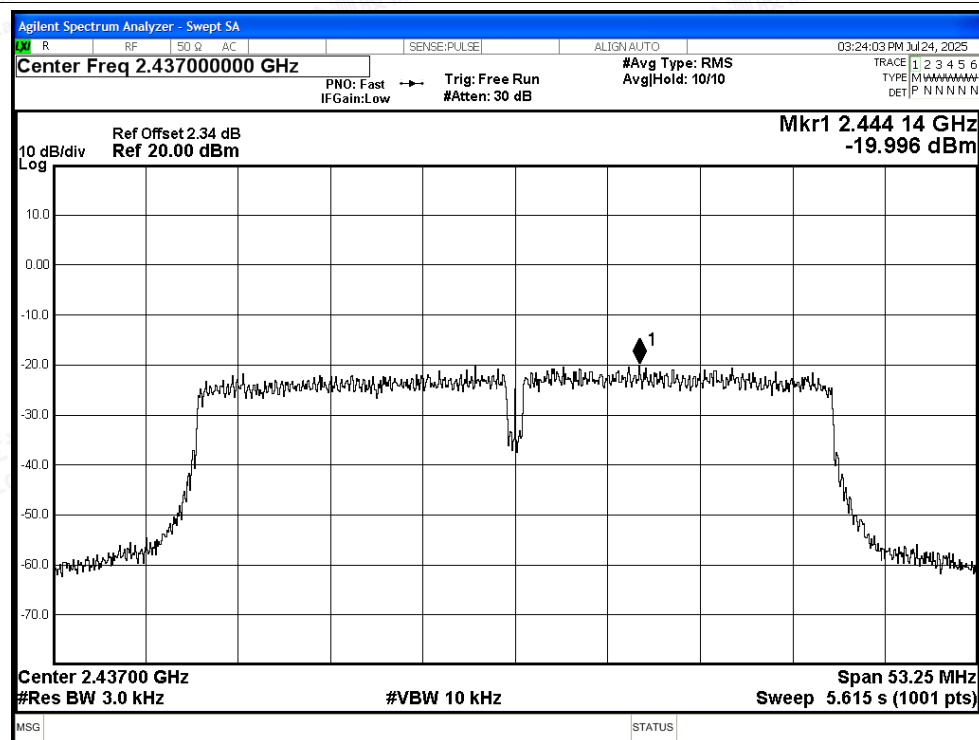
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Tel: +(86) 0755-82591330 | E-mail: webmaster@lcs-cert.com | Web: www.lcs-cert.com

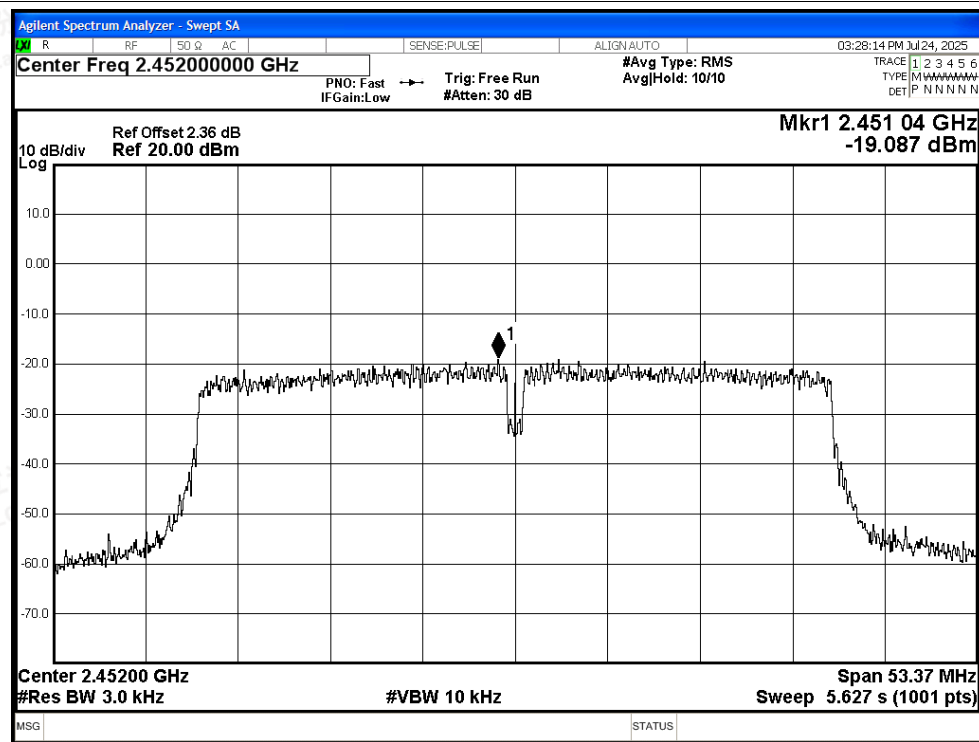
Scan code to check authenticity



PSD NVNT ax40 2437MHz Ant2



PSD NVNT ax40 2452MHz Ant2



Shenzhen LCS Compliance Testing Laboratory Ltd.

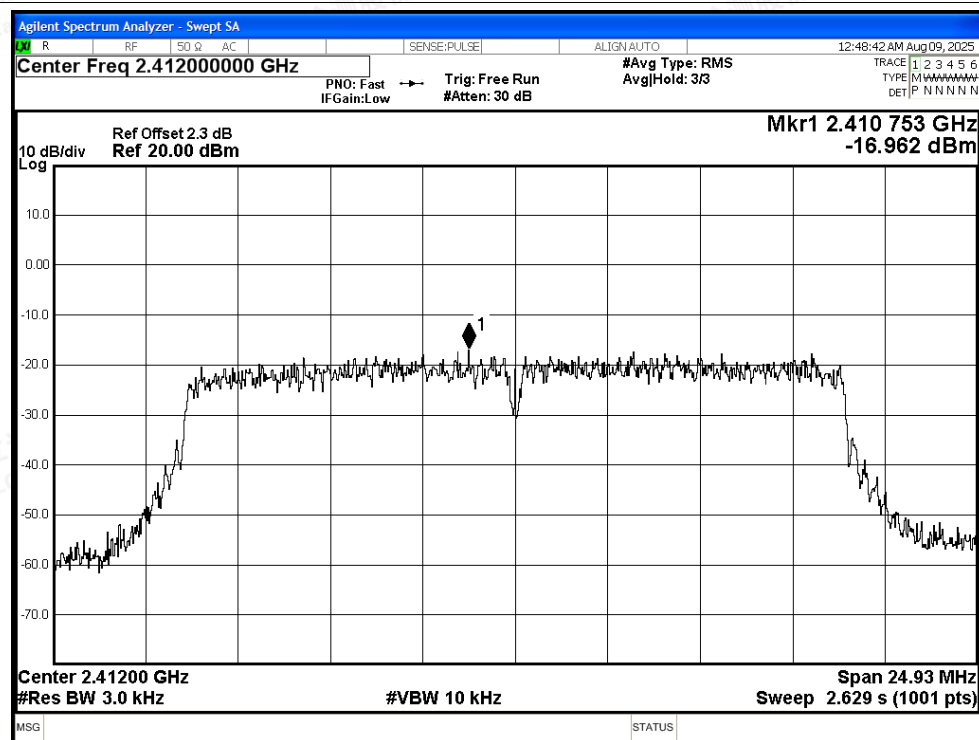
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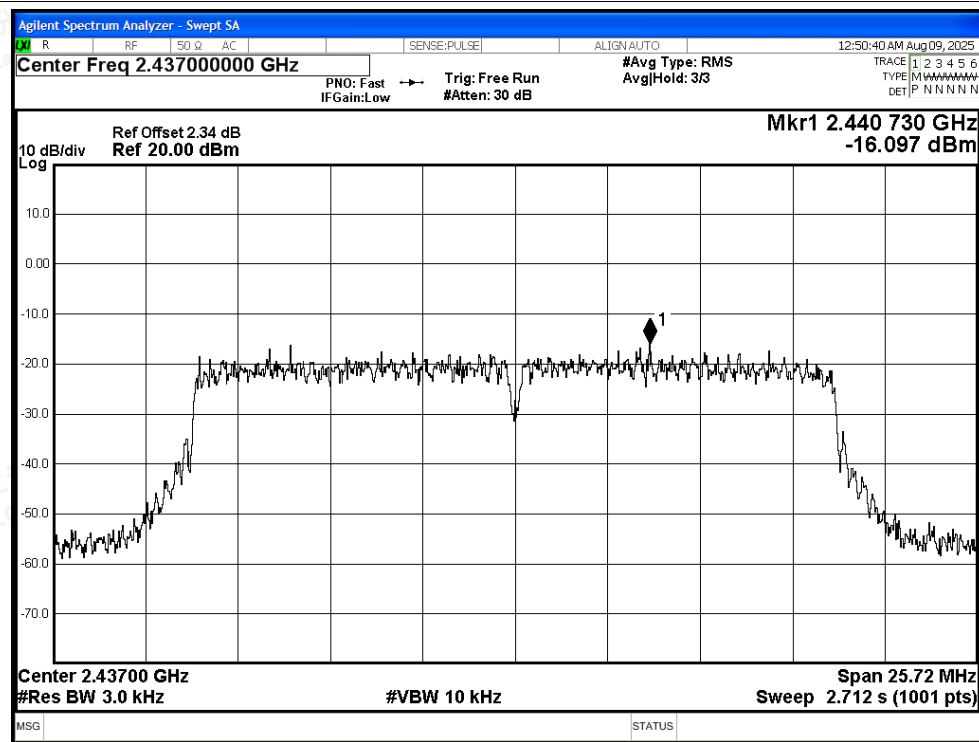
Scan code to check authenticity



PSD NVNT be20 2412MHz Ant2



PSD NVNT be20 2437MHz Ant2



Shenzhen LCS Compliance Testing Laboratory Ltd.

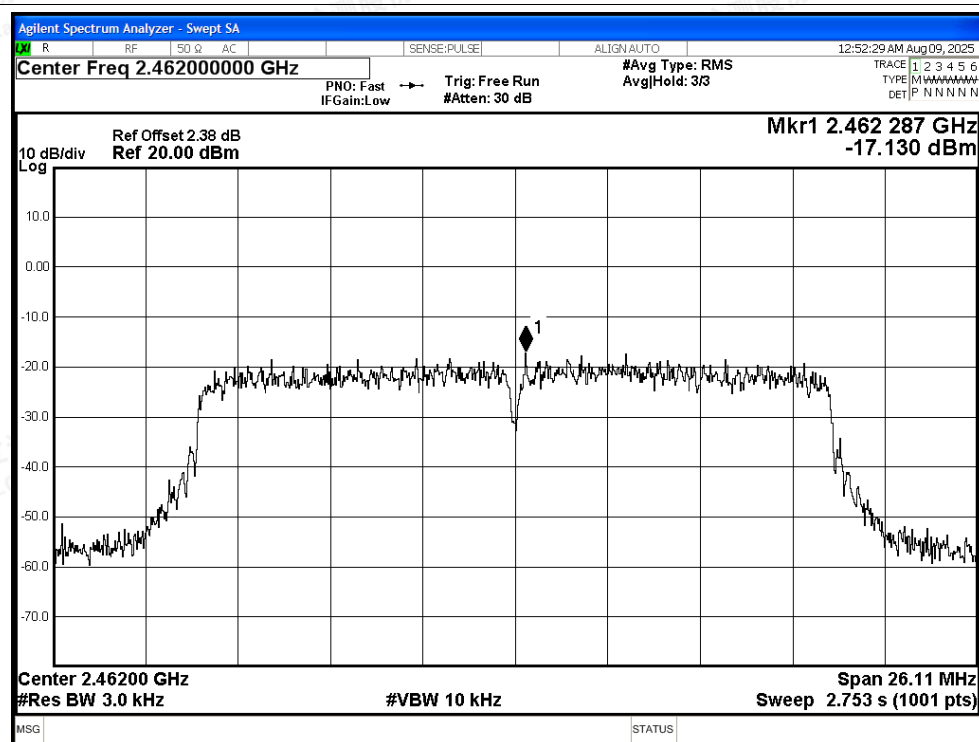
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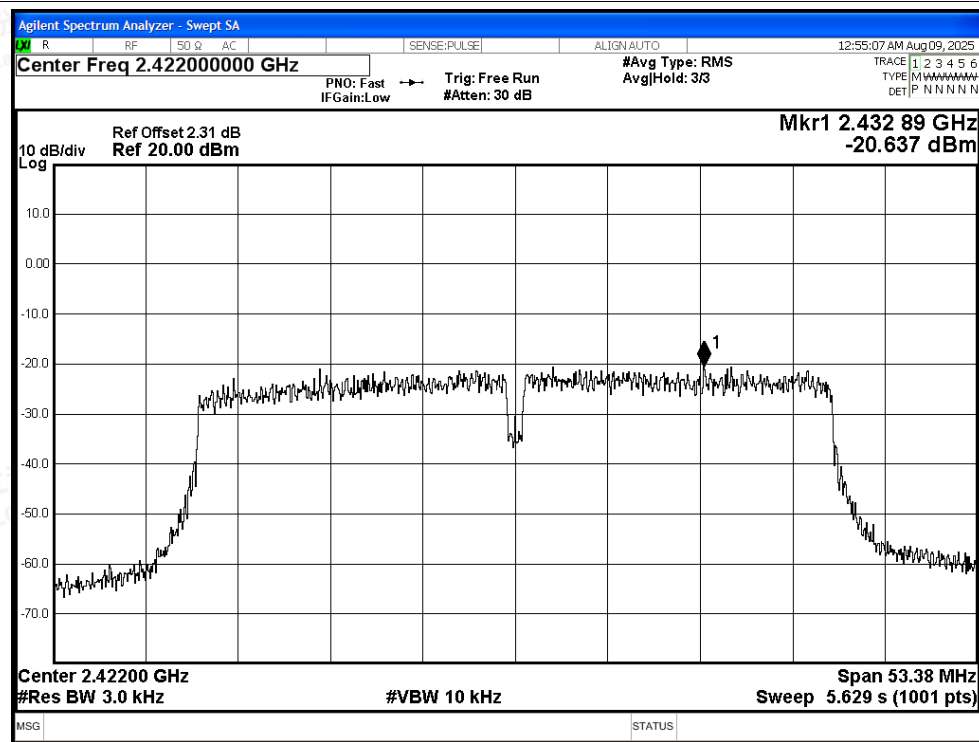
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PSD NVNT be20 2462MHz Ant2



PSD NVNT be40 2422MHz Ant2



Shenzhen LCS Compliance Testing Laboratory Ltd.

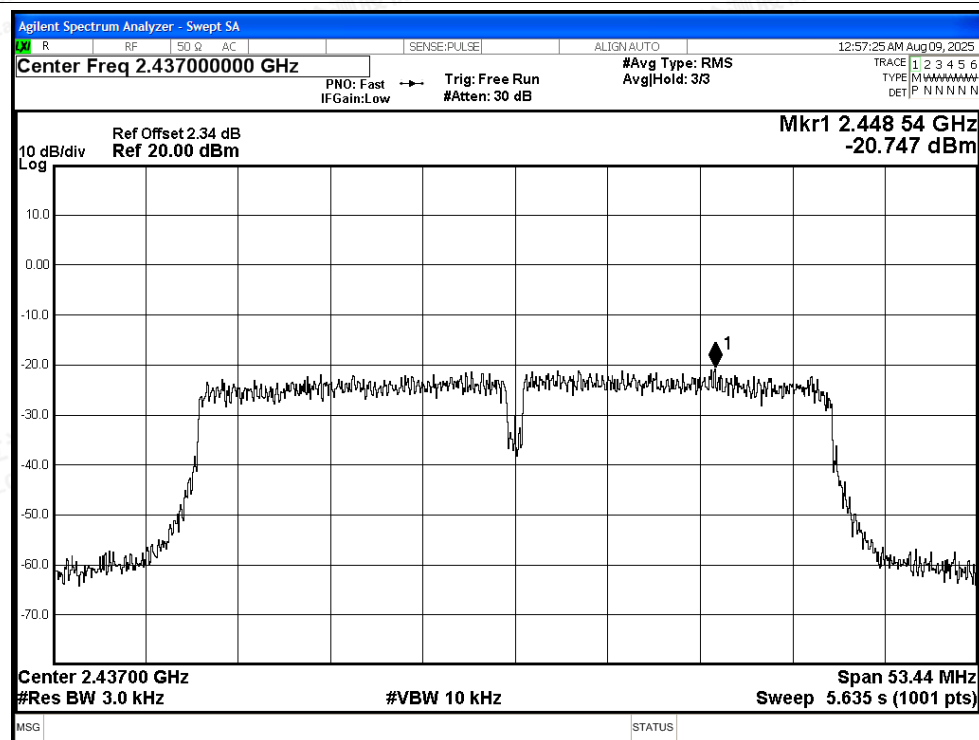
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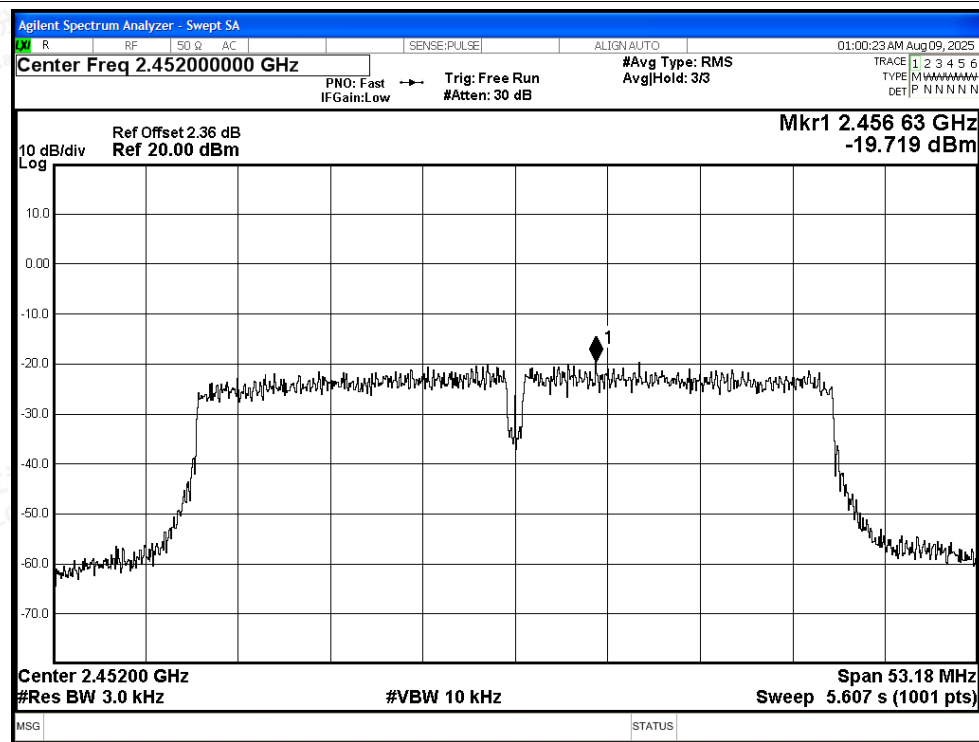
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PSD NVNT be40 2437MHz Ant2



PSD NVNT be40 2452MHz Ant2



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A.4 Band Edge

Condition	Mode	Frequency (MHz)	Antenna	Max Value (dBc)	Limit (dBc)	Verdict
NVNT	b	2412	Ant1	-49.55	-20	Pass
NVNT	b	2462	Ant1	-60.17	-20	Pass
NVNT	g	2412	Ant1	-35.54	-20	Pass
NVNT	g	2462	Ant1	-45.8	-20	Pass
NVNT	n20	2412	Ant1	-33.5	-20	Pass
NVNT	n20	2462	Ant1	-44.89	-20	Pass
NVNT	n40	2422	Ant1	-38.09	-20	Pass
NVNT	n40	2452	Ant1	-41.87	-20	Pass
NVNT	ax20	2412	Ant1	-31.17	-20	Pass
NVNT	ax20	2462	Ant1	-41.22	-20	Pass
NVNT	ax40	2422	Ant1	-37.12	-20	Pass
NVNT	ax40	2452	Ant1	-37.71	-20	Pass
NVNT	be20	2412	Ant1	-30.15	-20	Pass
NVNT	be20	2462	Ant1	-40.5	-20	Pass
NVNT	be40	2422	Ant1	-35.95	-20	Pass
NVNT	be40	2452	Ant1	-37.81	-20	Pass



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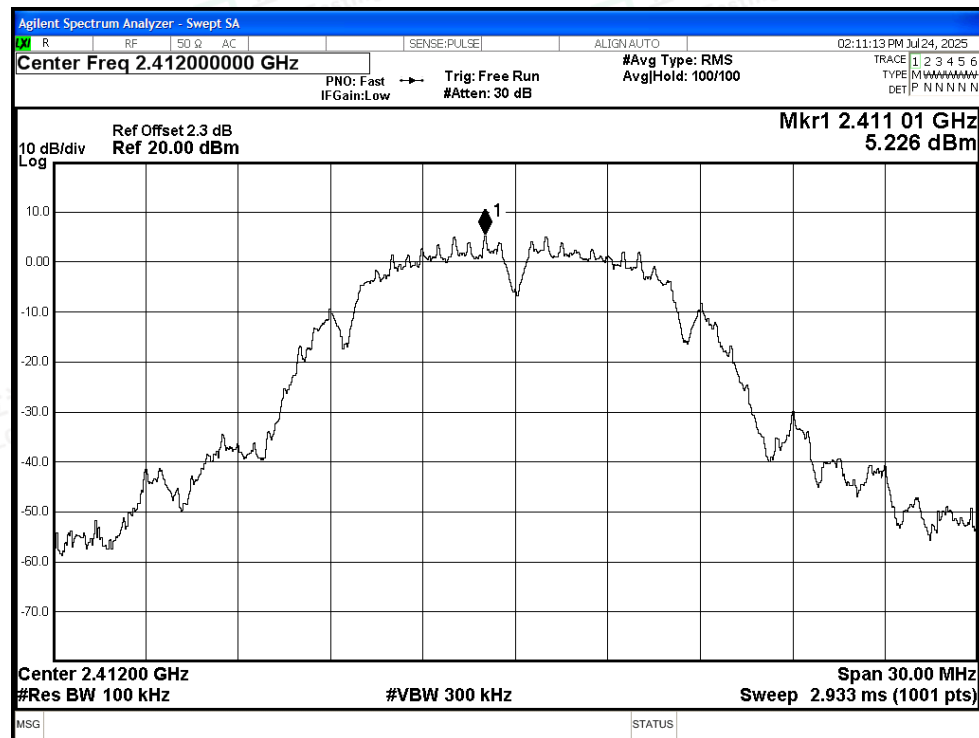
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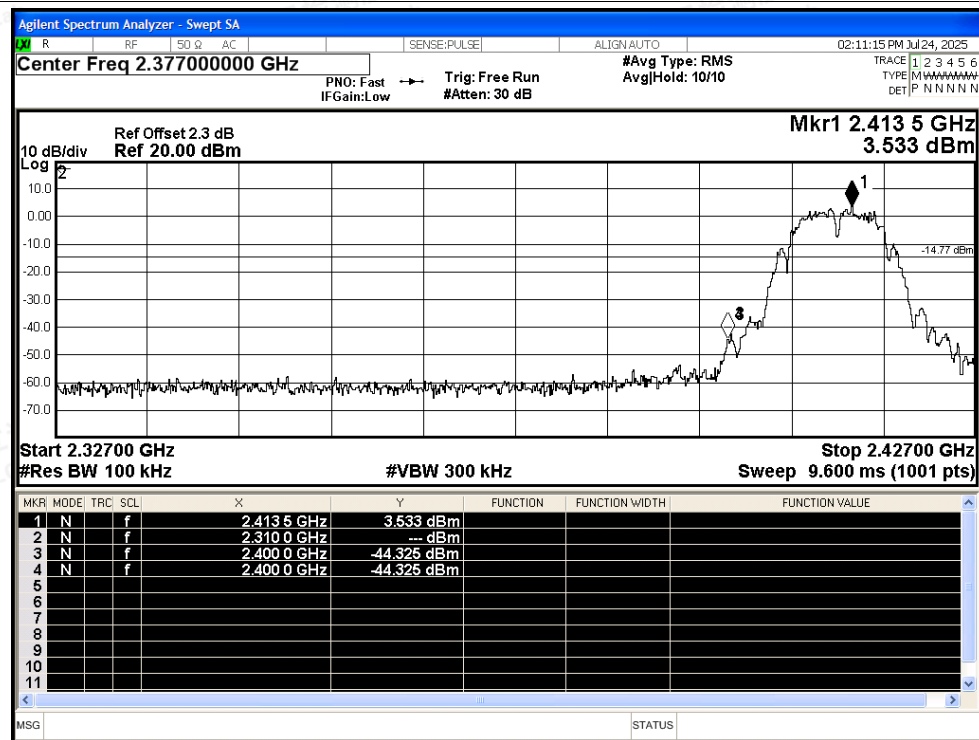


Test Graphs

Band Edge NVNT b 2412MHz Ant1 Ref



Band Edge NVNT b 2412MHz Ant1 Emission



Shenzhen LCS Compliance Testing Laboratory Ltd.

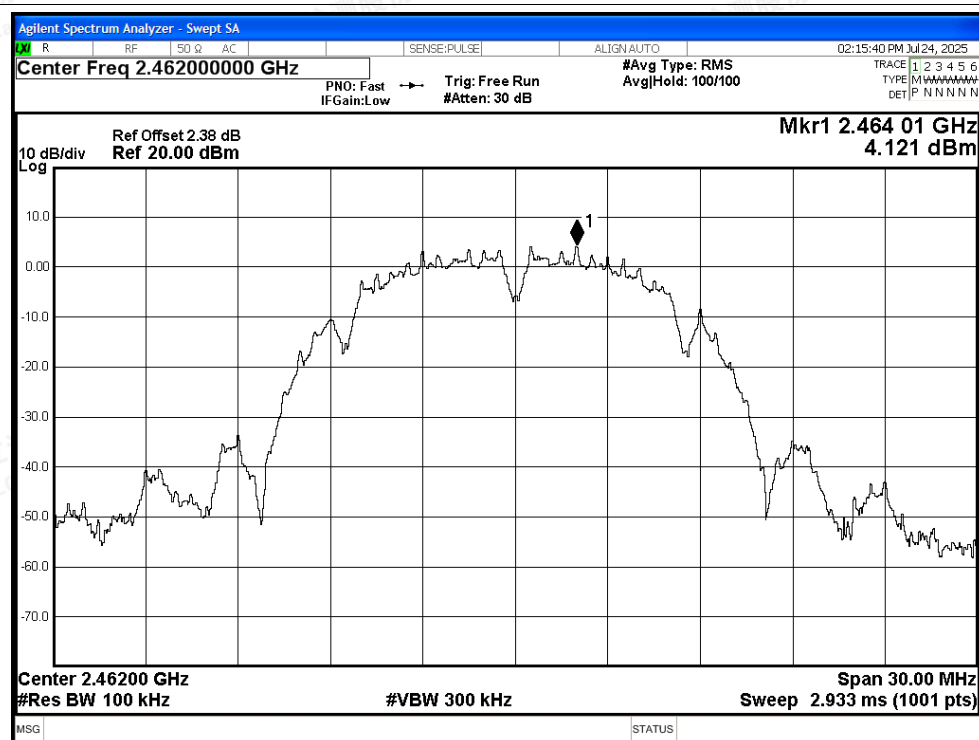
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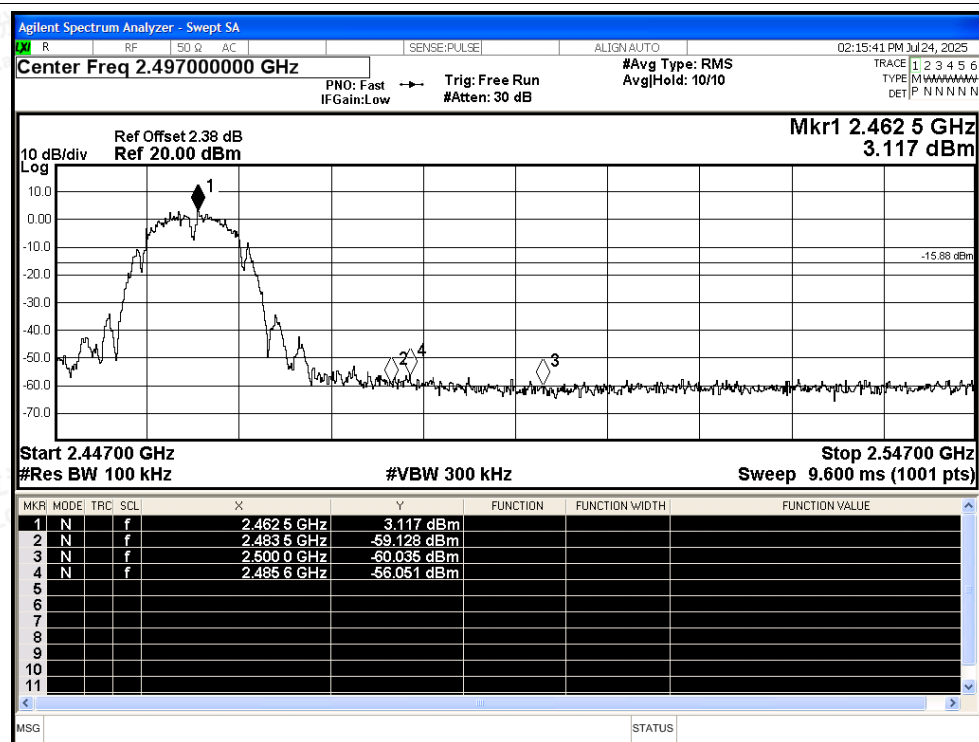
Scan code to check authenticity



Band Edge NVNT b 2462MHz Ant1 Ref



Band Edge NVNT b 2462MHz Ant1 Emission



Shenzhen LCS Compliance Testing Laboratory Ltd.

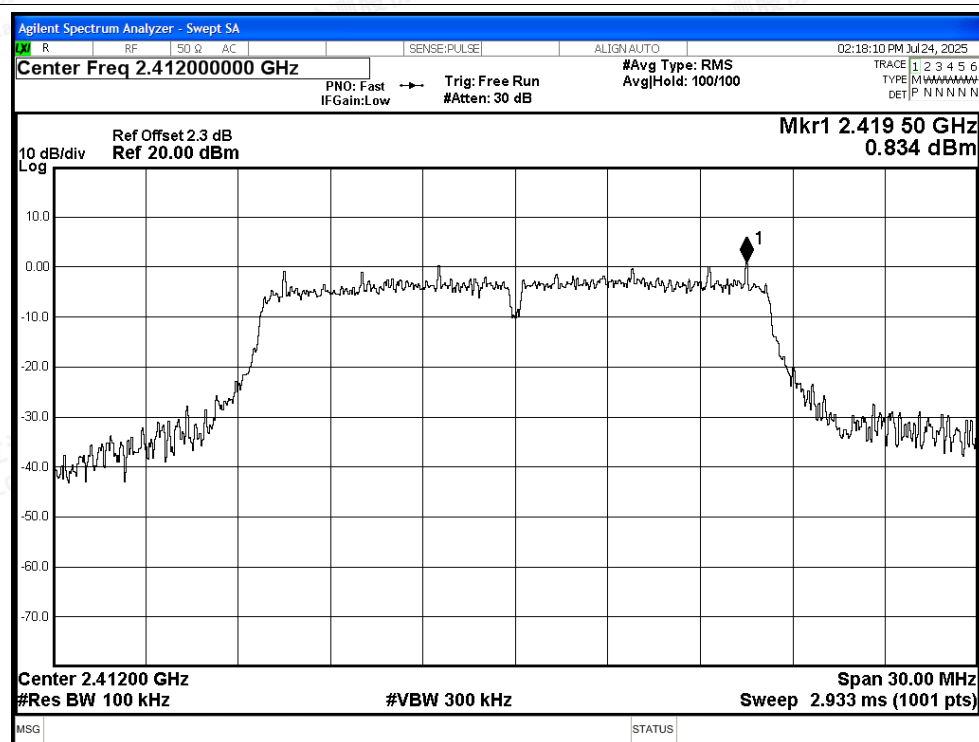
Add: 101, 201 Bldg A & 301 Bldg C, Juji Industrial Park Yabianxueziwei, Shajing Street, Baoan District, Shenzhen, 518000, China

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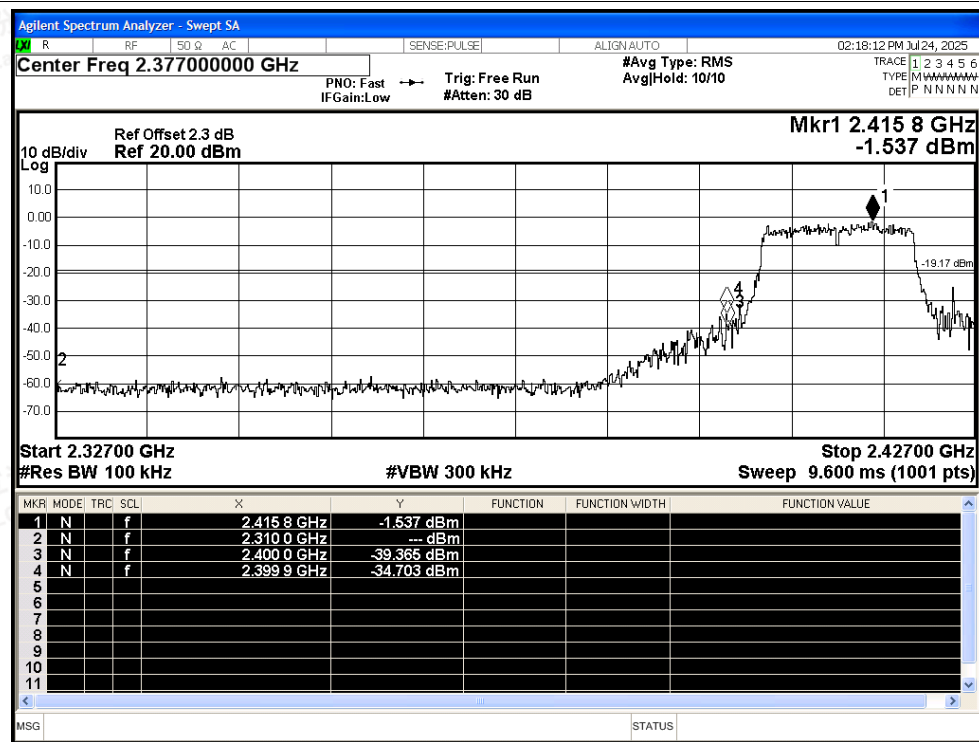
Scan code to check authenticity



Band Edge NVNT g 2412MHz Ant1 Ref



Band Edge NVNT g 2412MHz Ant1 Emission



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