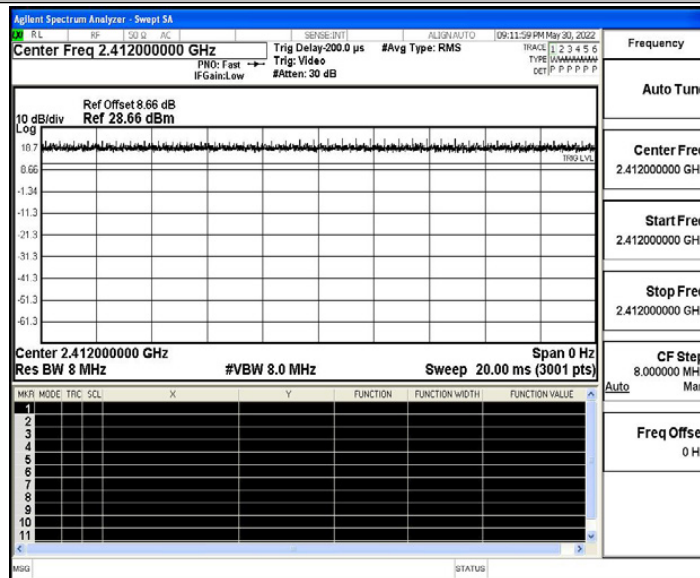
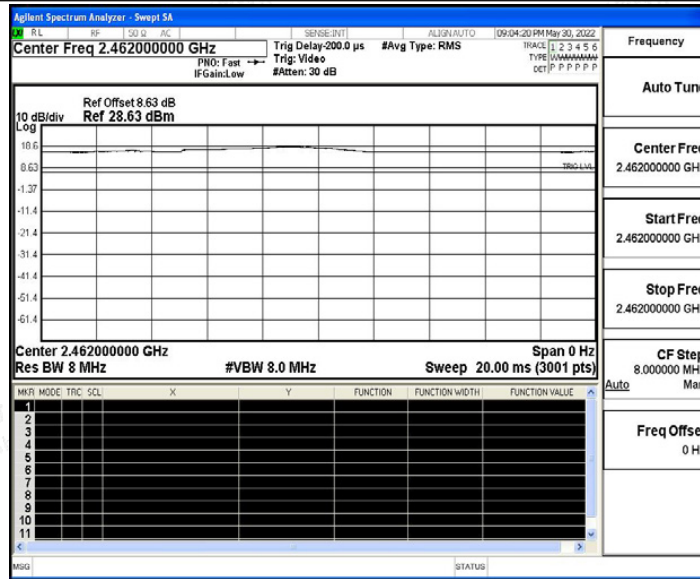


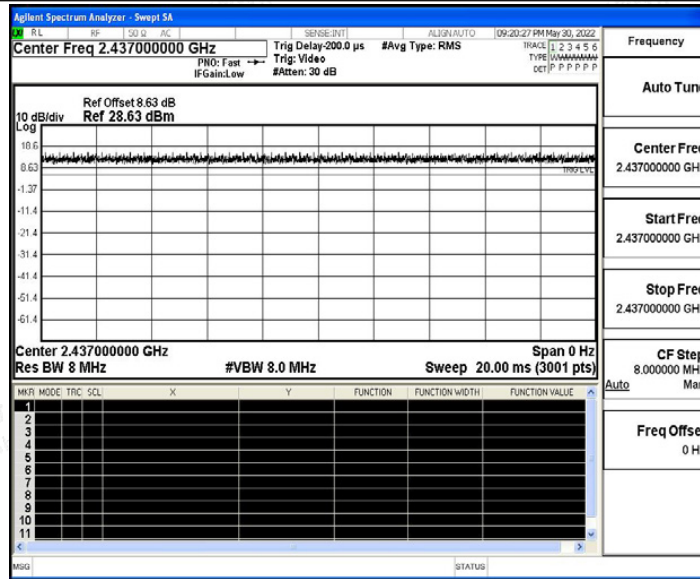


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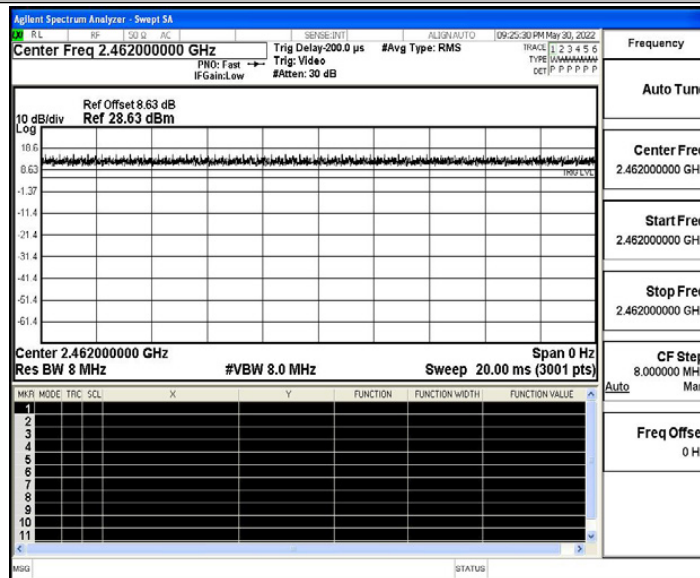
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11G_Ant0_2462



11N20SISO_Ant0_2412

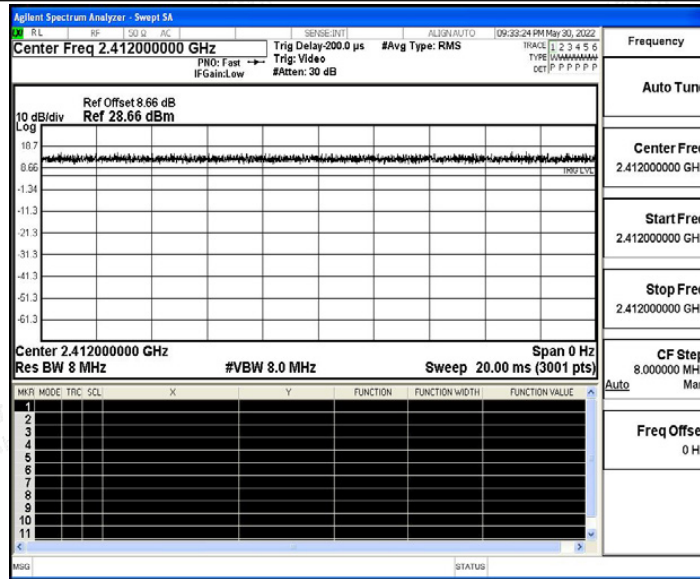


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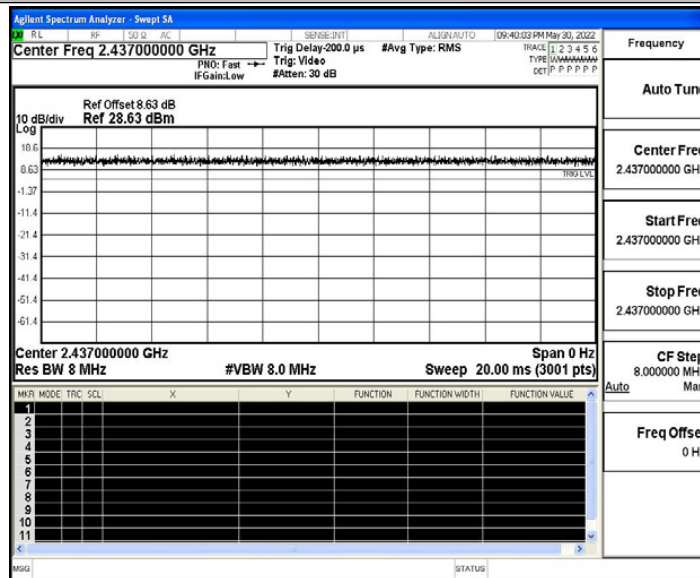
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11N20SISO_Ant0_2437



11N20SISO_Ant0_2462

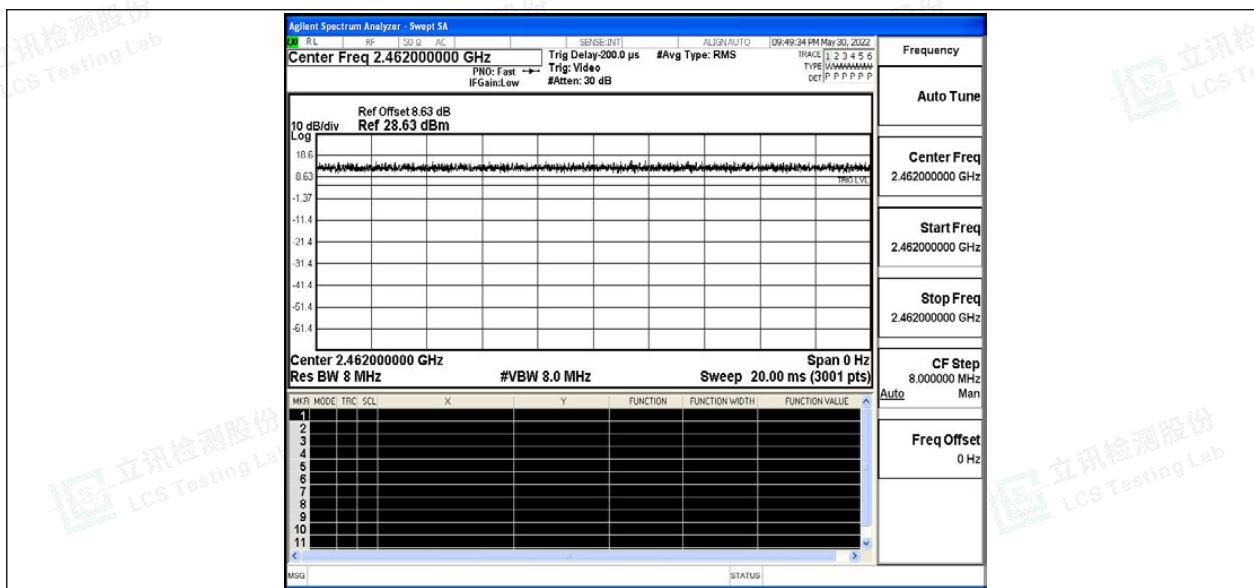


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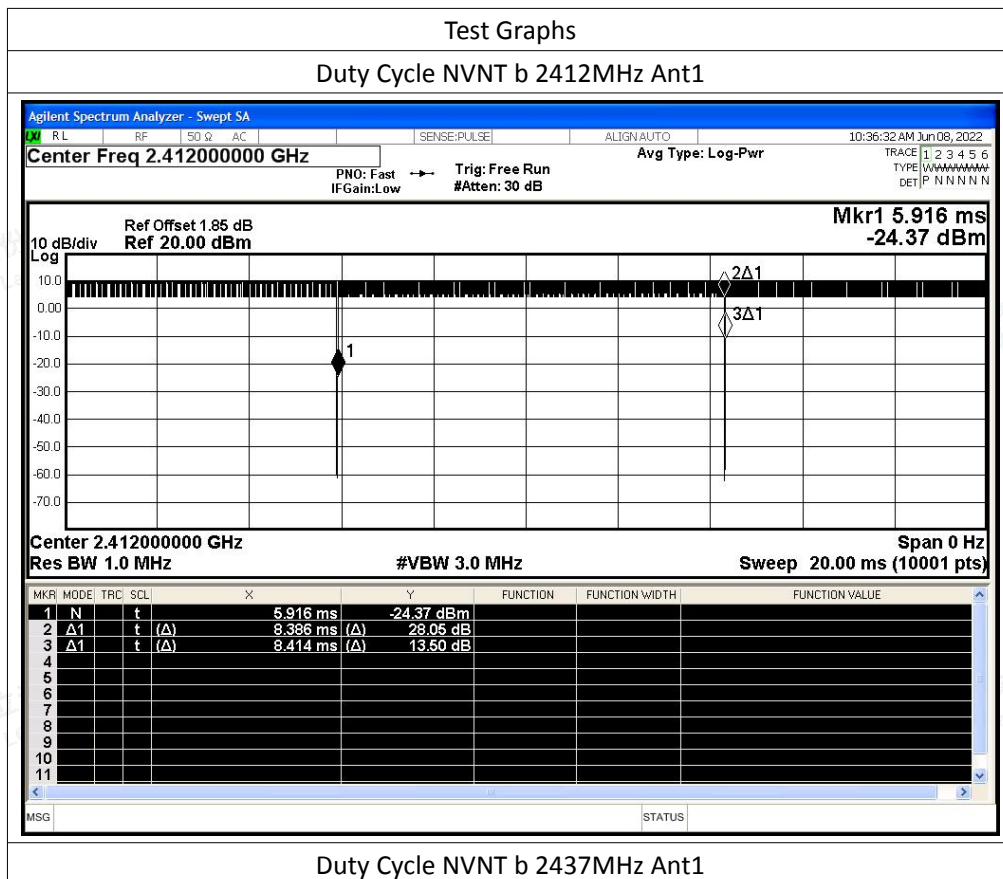
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Condition	Mode	Frequency (MHz)	Antenna	Duty Cycle (%)	Correction Factor (dB)	1/T (kHz)
NVNT	b	2412	Ant1	99.67	0	0.01
NVNT	b	2437	Ant1	99.67	0	0.01
NVNT	b	2462	Ant1	99.67	0	0.01
NVNT	g	2412	Ant1	97.48	0.11	0.72
NVNT	g	2437	Ant1	97.48	0.11	0.72
NVNT	g	2462	Ant1	97.62	0.1	0.72
NVNT	n20	2412	Ant1	97.31	0.12	0.77
NVNT	n20	2437	Ant1	97.31	0.12	0.77
NVNT	n20	2462	Ant1	97.31	0.12	0.77

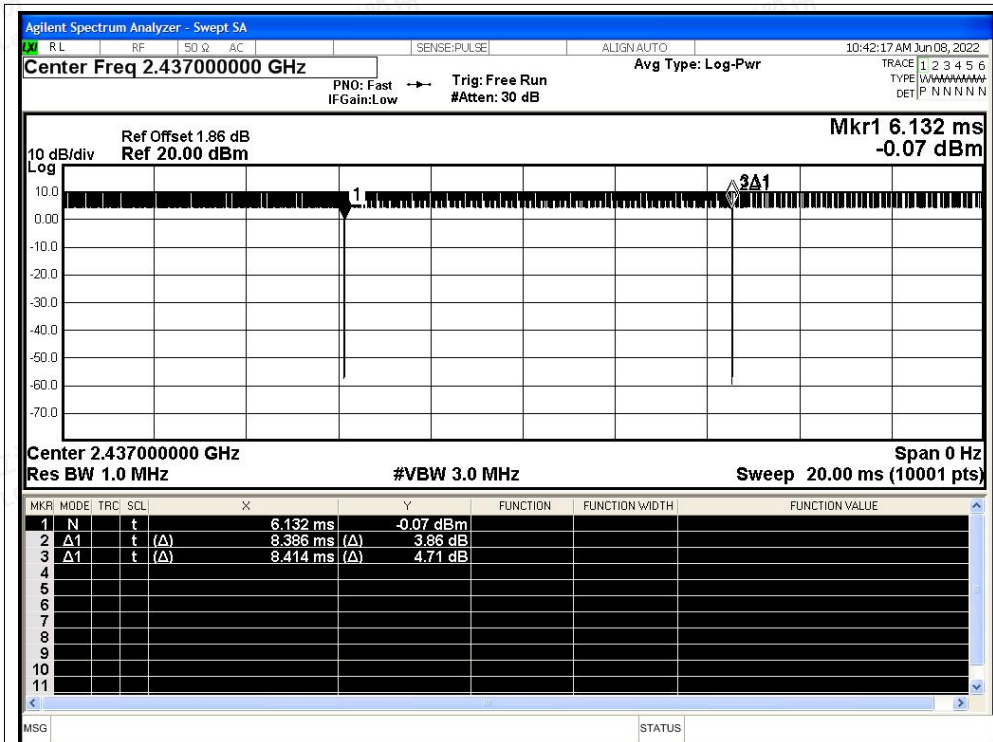


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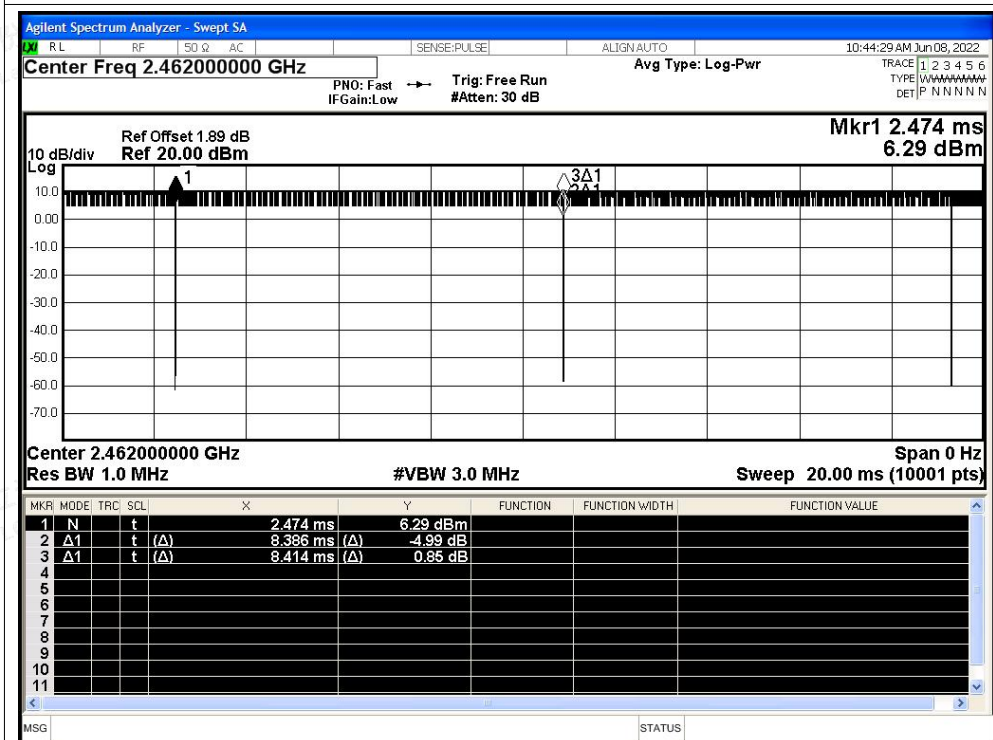
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Duty Cycle NVNT b 2462MHz Ant1



Duty Cycle NVNT g 2412MHz Ant1

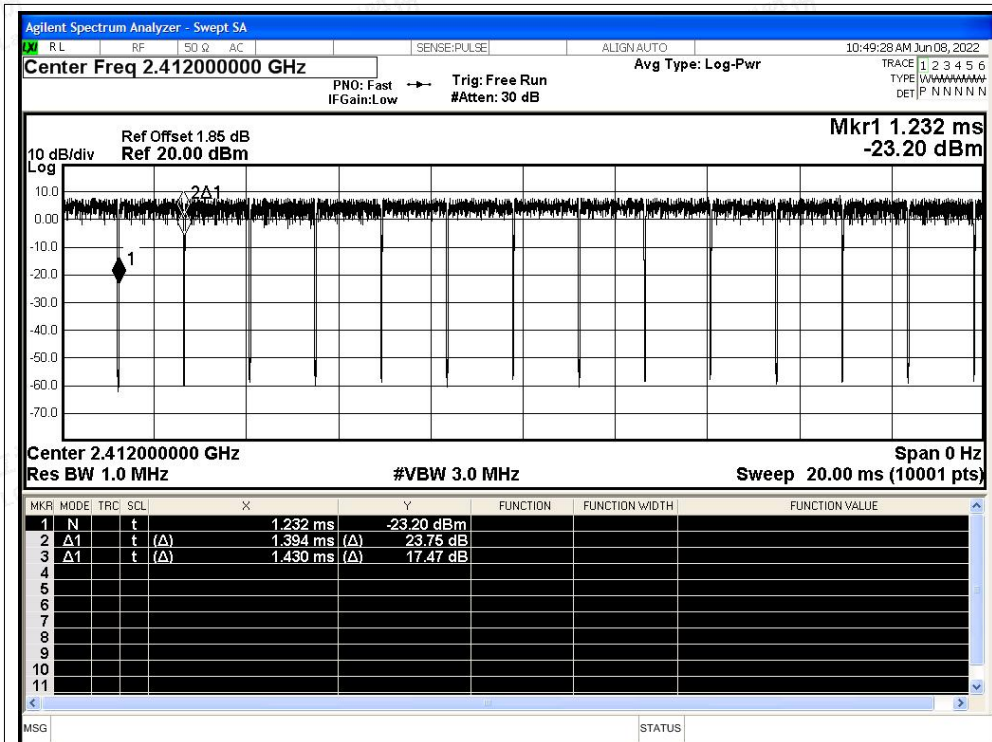


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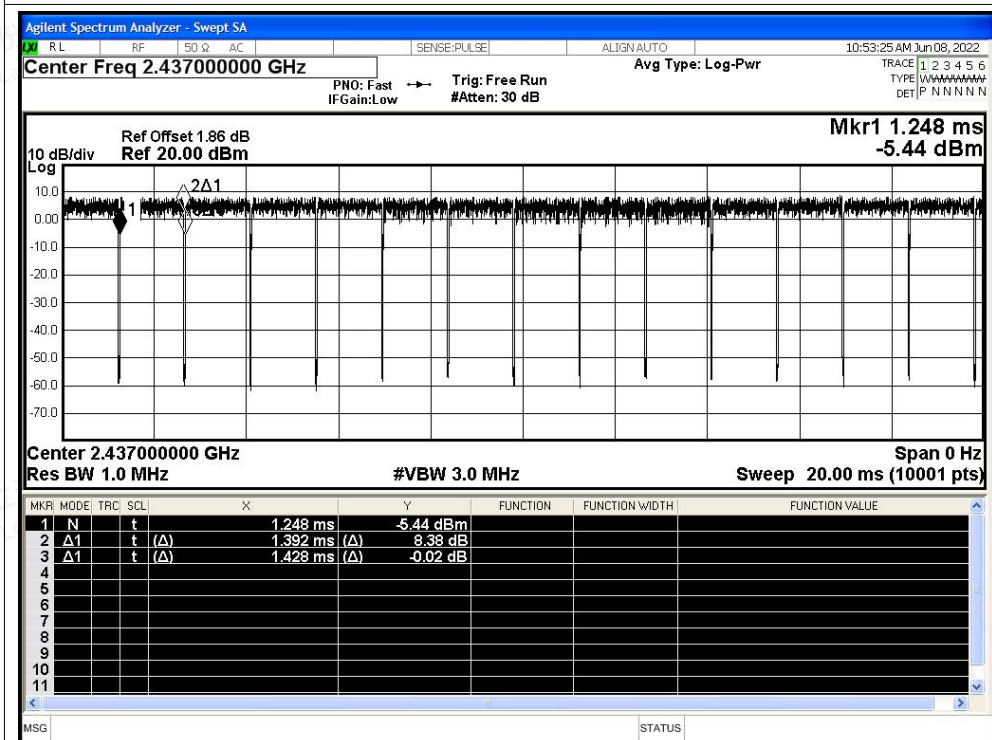
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Duty Cycle NVNT g 2437MHz Ant1



Duty Cycle NVNT g 2462MHz Ant1

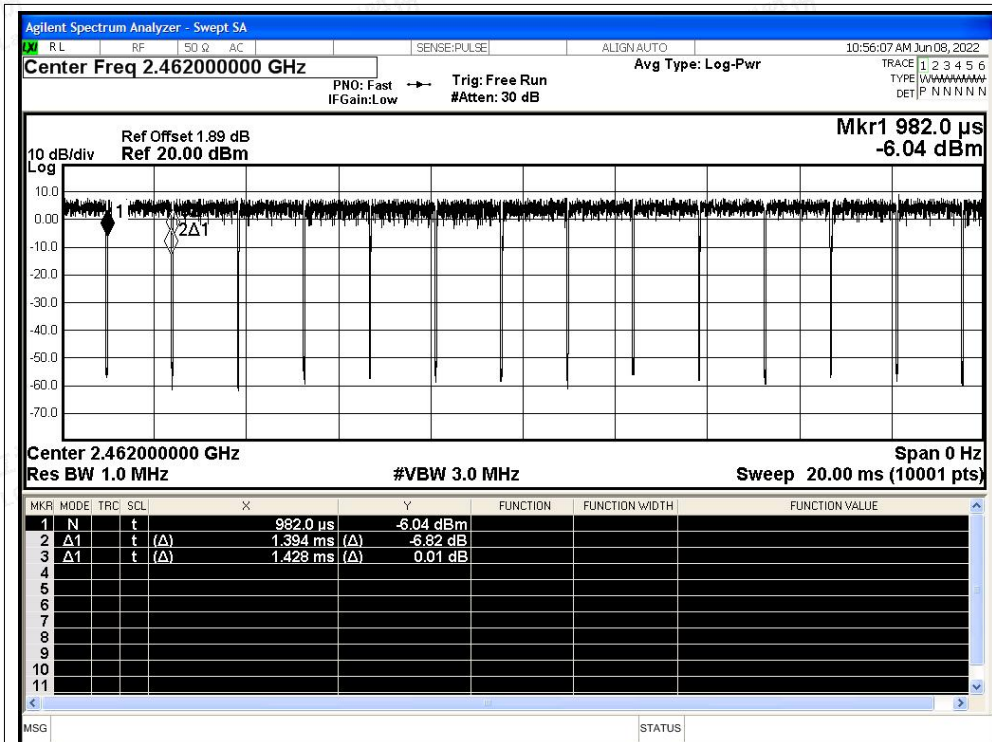


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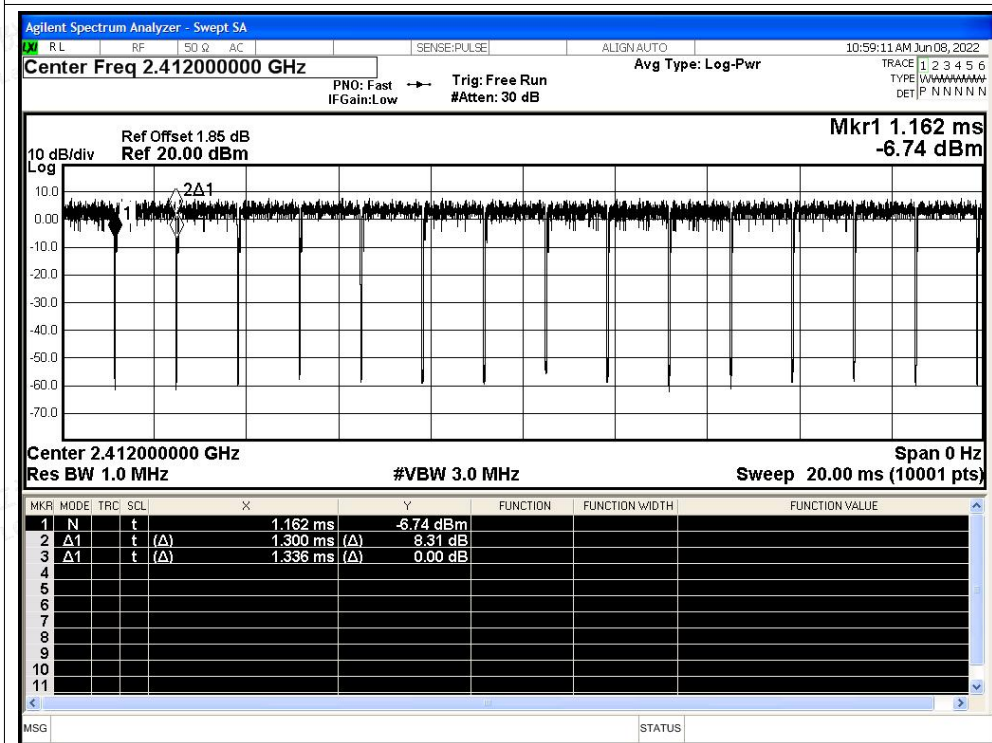
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Duty Cycle NVNT n20 2412MHz Ant1



Duty Cycle NVNT n20 2437MHz Ant1

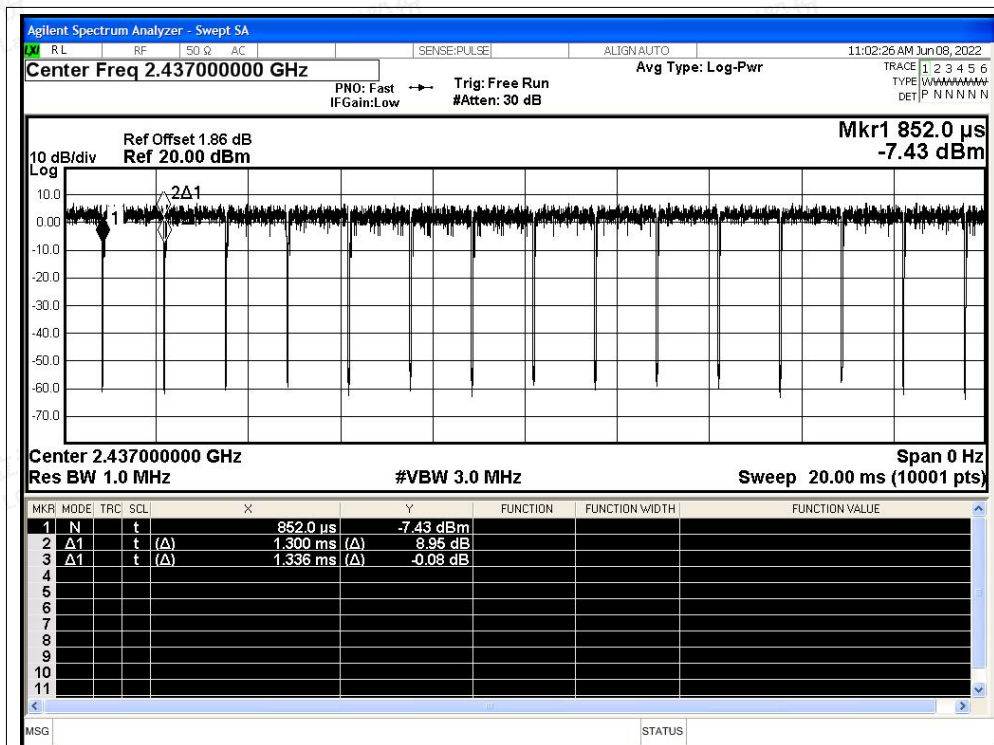


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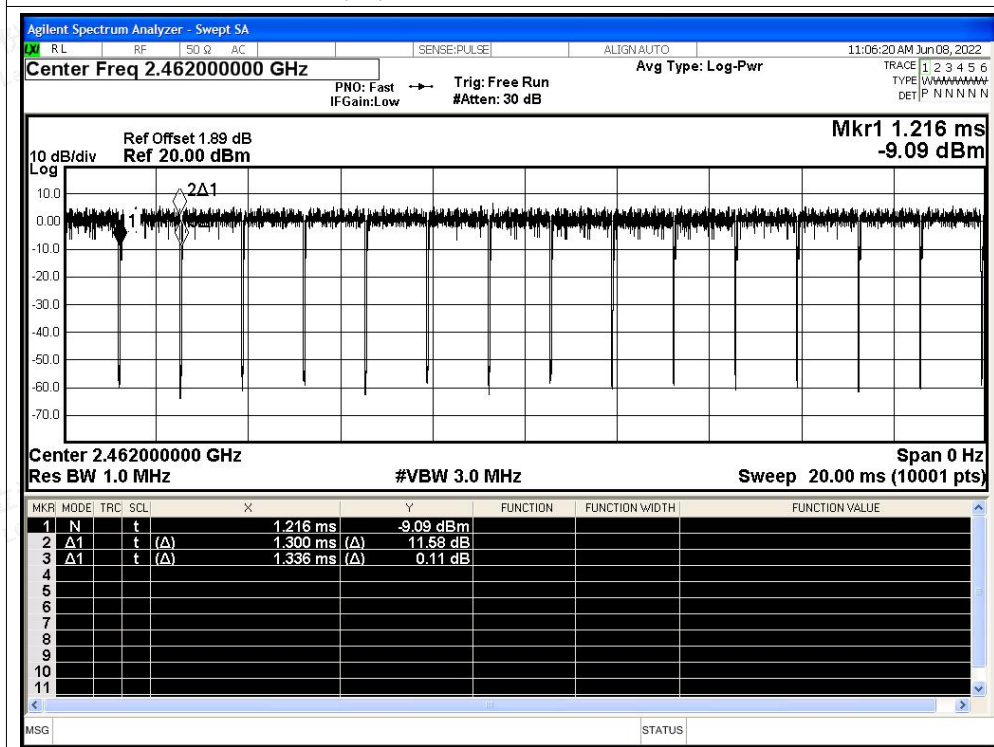
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Duty Cycle NVNT n20 2462MHz Ant1



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A.7 Emissions in Restricted Bands

Test Result

TestMode	Antenna	ChName	Channel	Detector	Freq. [MHz]	Result [dBm]	Limit [dBm]	Result [dBuV/m]	Limit [dBuV/m]	Verdict
11B	Ant0	Low	2412	AV	2310.000	-57.34	≤-41.20	37.86	≤54	PASS
				AV	2386.710	-53.13	≤-41.20	42.07	≤54	PASS
				AV	2390.000	-54.1	≤-41.20	41.10	≤54	PASS
				Peak	2310.000	-46.92	≤-21.20	48.28	≤74	PASS
				Peak	2386.320	-42.29	≤-21.20	52.91	≤74	PASS
				Peak	2390.000	-44.36	≤-21.20	50.84	≤74	PASS
		High	2462	AV	2483.500	-53.99	≤-41.20	41.21	≤54	PASS
				AV	2483.560	-54.1	≤-41.20	41.10	≤54	PASS
				AV	2500.000	-55.18	≤-41.20	40.02	≤54	PASS
				Peak	2483.500	-42.85	≤-21.20	52.35	≤74	PASS
				Peak	2486.090	-42.56	≤-21.20	52.64	≤74	PASS
				Peak	2500.000	-44.74	≤-21.20	50.46	≤74	PASS
11G	Ant0	Low	2412	AV	2310.000	-57.69	≤-41.20	37.51	≤54	PASS
				AV	2389.960	-45.02	≤-41.20	50.18	≤54	PASS
				AV	2390.000	-45.02	≤-41.20	50.18	≤54	PASS
				Peak	2310.000	-46.94	≤-21.20	48.26	≤74	PASS
				Peak	2389.960	-32.35	≤-21.20	62.85	≤74	PASS
				Peak	2390.000	-32.36	≤-21.20	62.84	≤74	PASS
		High	2462	AV	2483.500	-43.91	≤-41.20	51.29	≤54	PASS
				AV	2483.560	-43.97	≤-41.20	51.23	≤54	PASS
				AV	2500.000	-55.64	≤-41.20	39.56	≤54	PASS
				Peak	2483.500	-32.44	≤-21.20	62.76	≤74	PASS
				Peak	2483.560	-32.78	≤-21.20	62.42	≤74	PASS
				Peak	2500.000	-43.18	≤-21.20	52.02	≤74	PASS
11N20SISO	Ant0	Low	2412	AV	2310.000	-57.74	≤-41.20	37.46	≤54	PASS
				AV	2389.960	-45.37	≤-41.20	49.83	≤54	PASS
				AV	2390.000	-45.37	≤-41.20	49.83	≤54	PASS
				Peak	2310.000	-47.08	≤-21.20	48.12	≤74	PASS
				Peak	2389.570	-30.41	≤-21.20	64.79	≤74	PASS
				Peak	2390.000	-30.44	≤-21.20	64.76	≤74	PASS
		High	2462	AV	2483.500	-43.12	≤-41.20	52.08	≤54	PASS
				AV	2483.560	-43.25	≤-41.20	51.95	≤54	PASS
				AV	2500.000	-55.12	≤-41.20	40.08	≤54	PASS
				Peak	2483.500	-28.77	≤-21.20	66.43	≤74	PASS
				Peak	2483.560	-28.91	≤-21.20	66.29	≤74	PASS



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				Peak	2500.000	-40.38	≤-21.20	54.82	≤74	PASS
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Condition	Mode	Frequency (MHz)	Antenna	Spur Freq (MHz)	Power (dBm)	Gain (dBi)	E (dBuV/m)	Detector	Limit (dBuV/m)	Verdict
NVNT	b	2412	Ant1	2310	-49.86	2	47.4	Peak	74	Pass
NVNT	b	2412	Ant1	2310	-60.31	2	36.95	Average	54	Pass
NVNT	b	2412	Ant1	2385.348	-44.51	2	52.75	Peak	74	Pass
NVNT	b	2412	Ant1	2386.518	-52.77	2	44.49	Average	54	Pass
NVNT	b	2412	Ant1	2390	-46.74	2	50.52	Peak	74	Pass
NVNT	b	2412	Ant1	2390	-55.02	2	42.24	Average	54	Pass
NVNT	b	2462	Ant1	2483.5	-48.13	2	49.13	Peak	74	Pass
NVNT	b	2462	Ant1	2483.5	-58.34	2	38.92	Average	54	Pass
NVNT	b	2462	Ant1	2486.167	-45.11	2	52.15	Peak	74	Pass
NVNT	b	2462	Ant1	2488.181	-57.78	2	39.48	Average	54	Pass
NVNT	b	2462	Ant1	2500	-47.68	2	49.58	Peak	74	Pass
NVNT	b	2462	Ant1	2500	-58.66	2	38.6	Average	54	Pass
NVNT	g	2412	Ant1	2310	-51.29	2	45.97	Peak	74	Pass
NVNT	g	2412	Ant1	2310	-59.65	2	37.61	Average	54	Pass
NVNT	g	2412	Ant1	2389.794	-28.79	2	68.47	Peak	74	Pass
NVNT	g	2412	Ant1	2389.911	-46.8	2	50.46	Average	54	Pass
NVNT	g	2412	Ant1	2390	-33.16	2	64.1	Peak	74	Pass
NVNT	g	2412	Ant1	2390	-46.45	2	50.81	Average	54	Pass
NVNT	g	2462	Ant1	2483.5	-33.01	2	64.25	Peak	74	Pass
NVNT	g	2462	Ant1	2483.5	-45.19	2	52.07	Average	54	Pass
NVNT	g	2462	Ant1	2486.167	-30.25	2	67.01	Peak	74	Pass
NVNT	g	2462	Ant1	2483.517	-45.19	2	52.07	Average	54	Pass
NVNT	g	2462	Ant1	2500	-46.42	2	50.84	Peak	74	Pass
NVNT	g	2462	Ant1	2500	-55.79	2	41.47	Average	54	Pass
NVNT	n20	2412	Ant1	2310	-51.42	2	45.84	Peak	74	Pass
NVNT	n20	2412	Ant1	2310	-59.79	2	37.47	Average	54	Pass
NVNT	n20	2412	Ant1	2389.677	-27.32	2	69.94	Peak	74	Pass
NVNT	n20	2412	Ant1	2389.911	-48.48	2	48.78	Average	54	Pass
NVNT	n20	2412	Ant1	2390	-32.32	2	64.94	Peak	74	Pass
NVNT	n20	2412	Ant1	2390	-48.2	2	49.06	Average	54	Pass
NVNT	n20	2462	Ant1	2483.5	-34.75	2	62.51	Peak	74	Pass
NVNT	n20	2462	Ant1	2483.5	-46.92	2	50.34	Average	54	Pass
NVNT	n20	2462	Ant1	2485.107	-29.67	2	67.59	Peak	74	Pass
NVNT	n20	2462	Ant1	2483.517	-46.92	2	50.34	Average	54	Pass
NVNT	n20	2462	Ant1	2500	-41.93	2	55.33	Peak	74	Pass
NVNT	n20	2462	Ant1	2500	-56.23	2	41.03	Average	54	Pass



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MIMO

Condition	Mode	Frequency (MHz)	Spur Freq (MHz)	Covert Radiated E Level At 3m (dBuV/m)			E (dBuV/m)	Detector	Limit (dBuV/m)	Verdict
				Ant0	Ant1	Ant0+Ant1				
NVNT	n20	2412	2310	-57.74	-59.79	-55.63	39.59	Average	≤54	Pass
NVNT	n20	2412	2310	-45.37	-48.48	-43.64	51.59	Average	≤54	Pass
NVNT	n20	2412	2389.794	-45.37	-48.2	-43.55	51.68	Average	≤54	Pass
NVNT	n20	2412	2389.911	-47.08	-51.42	-45.72	49.51	Peak	≤74	Pass
NVNT	n20	2412	2390	-30.41	-27.32	-25.59	69.64	Peak	≤74	Pass
NVNT	n20	2412	2390	-30.44	-32.32	-28.27	66.96	Peak	≤74	Pass
NVNT	n20	2462	2483.5	-43.12	-46.92	-41.61	53.62	Average	≤54	Pass
NVNT	n20	2462	2483.5	-43.25	-46.92	-41.70	53.53	Average	≤54	Pass
NVNT	n20	2462	2490.142	-55.12	-56.23	-52.63	42.60	Average	≤54	Pass
NVNT	n20	2462	2483.994	-28.77	-34.75	-27.79	67.43	Peak	≤74	Pass
NVNT	n20	2462	2500	-28.91	-29.67	-26.26	68.96	Peak	≤74	Pass
NVNT	n20	2462	2500	-40.38	-41.93	-38.08	57.15	Peak	≤74	Pass

Note:

1. The Antenna Gain is compensated in the graph.
2. The limit in dBm for average detector is conversion from 54dBuV/m, according to 15.209(a). The limit in dBm for peak detector is 20dB above the limit of average detector in dBm.



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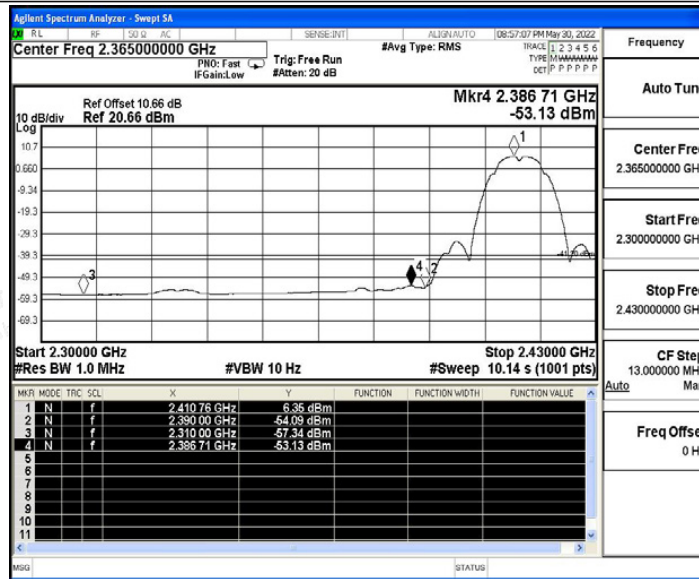
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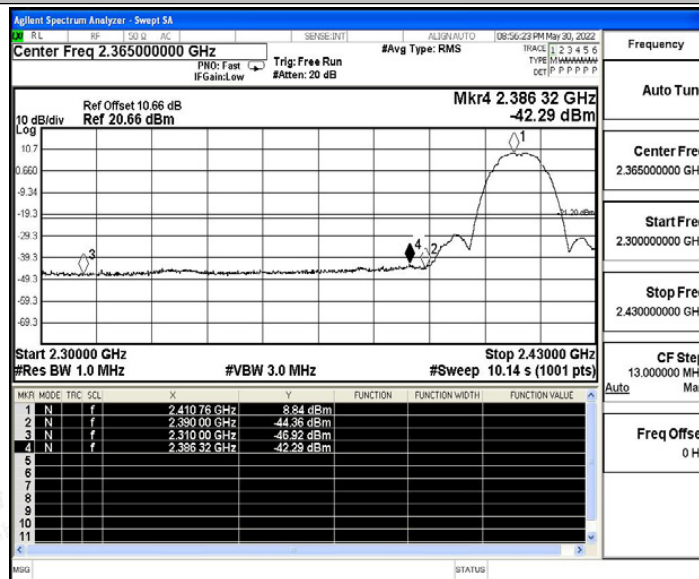


Test Graphs

11B_Ant0_Low_2412_AV



11B_Ant0_Low_2412_Peak



11B_Ant0_High_2462_AV

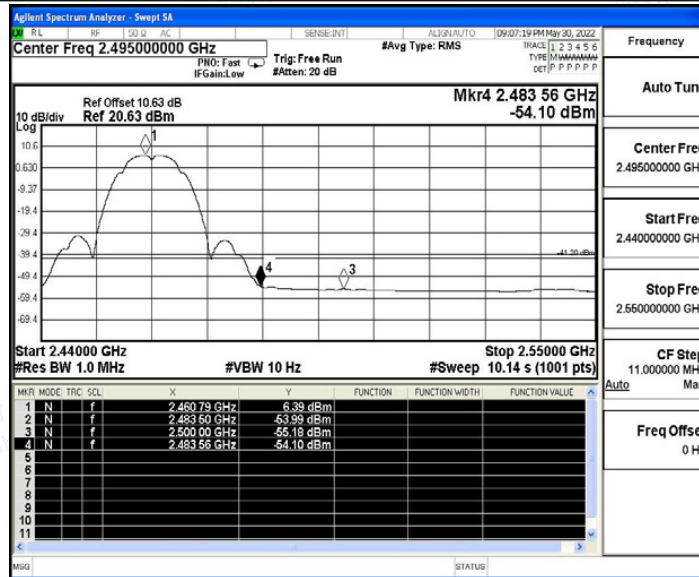


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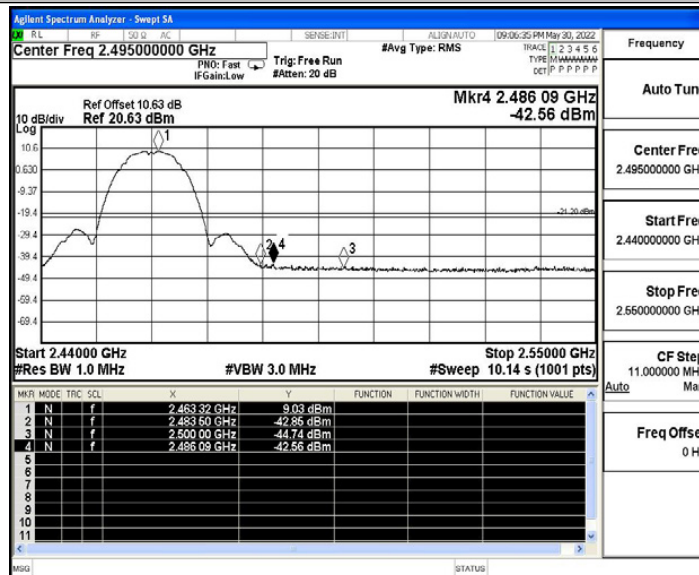
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11B_Ant0_High_2462_Peak



11G_Ant0_Low_2412_AV

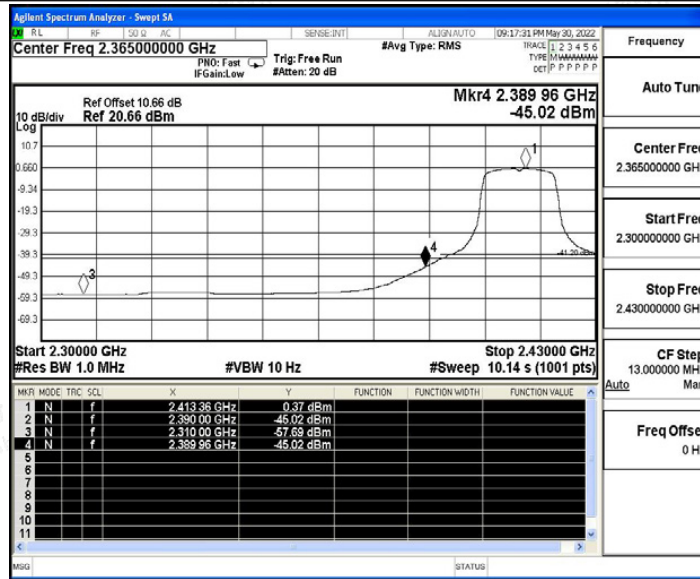


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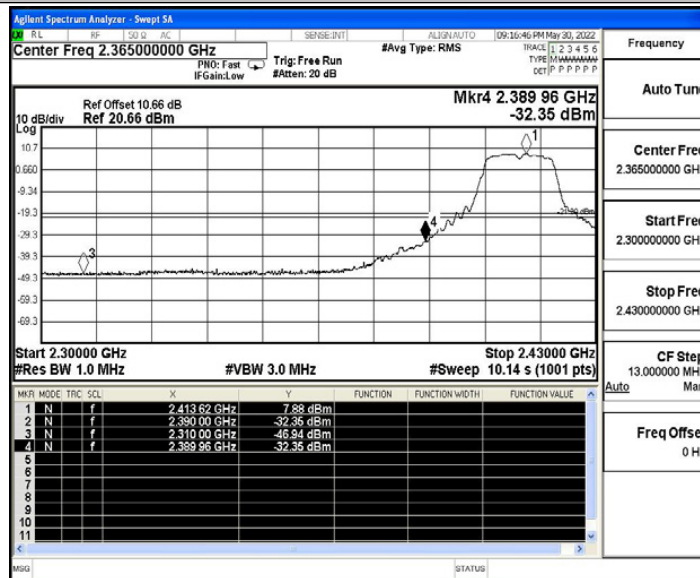
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11G_Ant0_Low_2412_Peak



11G_Ant0_High_2462_AV

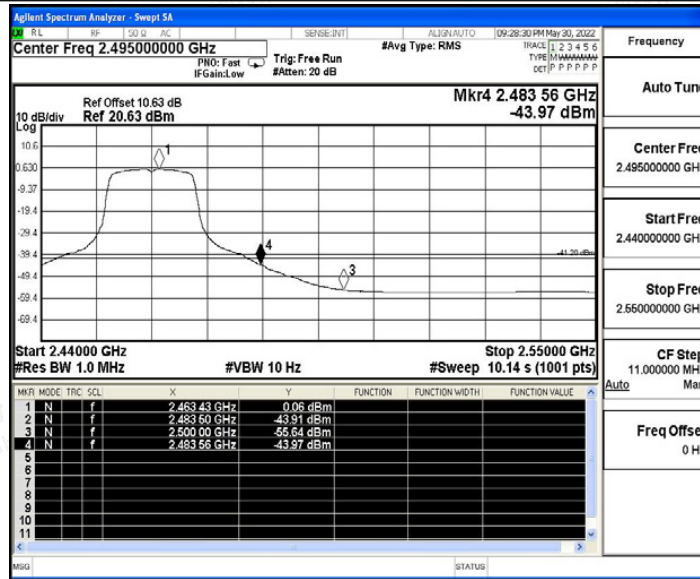


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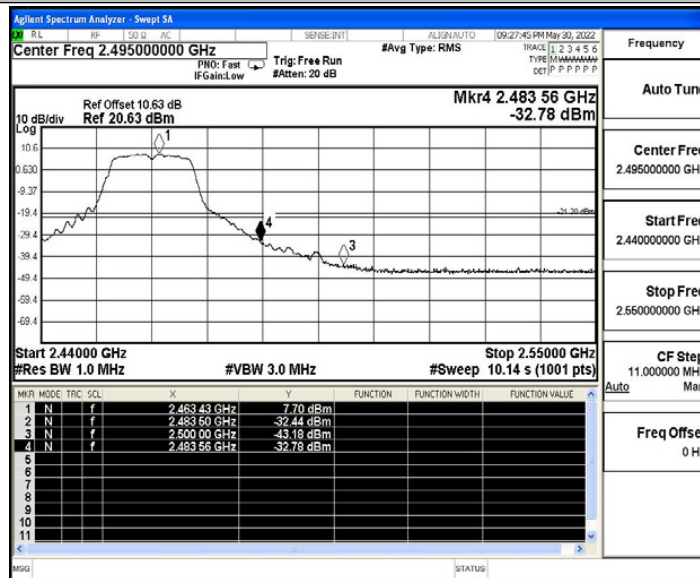
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11G_Ant0_High_2462_Peak



11N20SISO_Ant0_Low_2412_AV

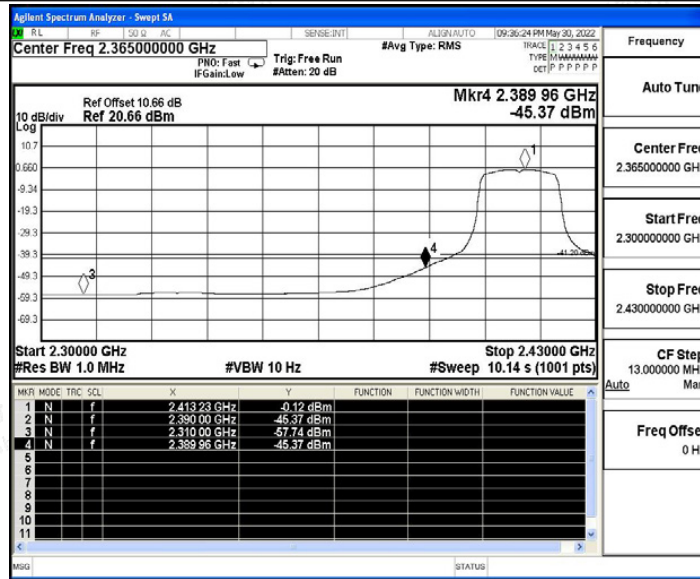


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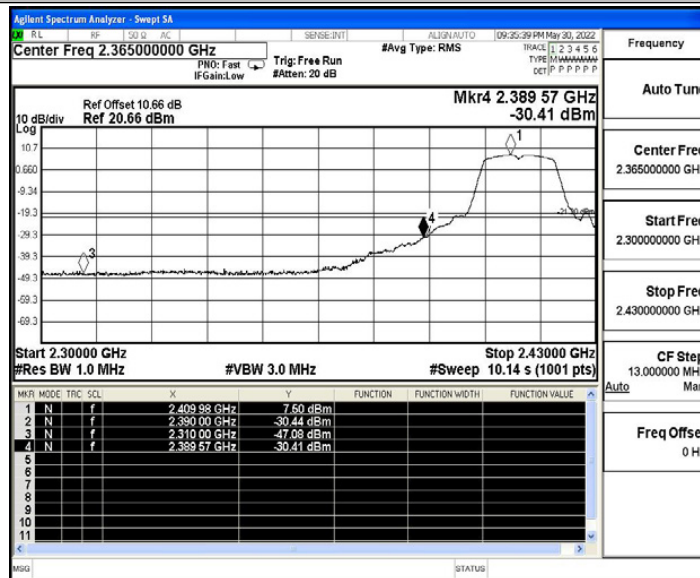
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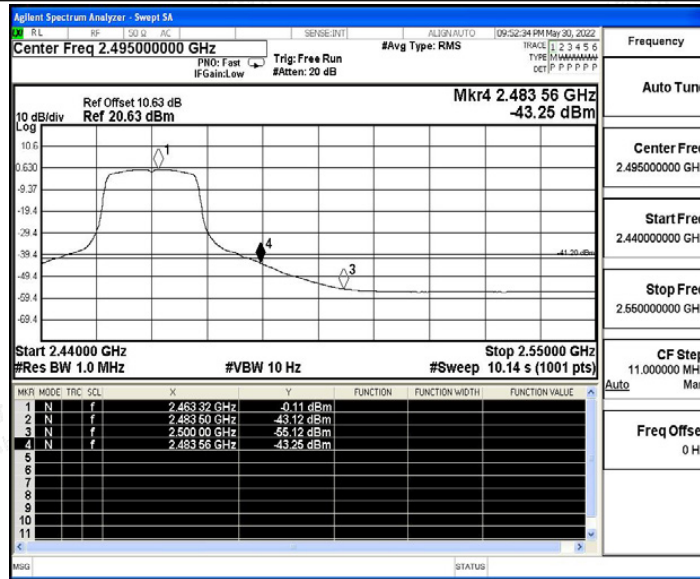


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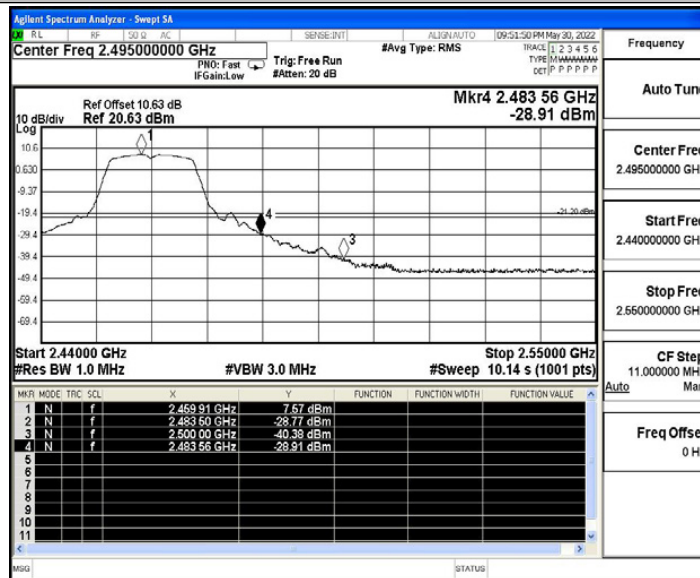
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11N20ISO_Ant0_High_2462_Peak



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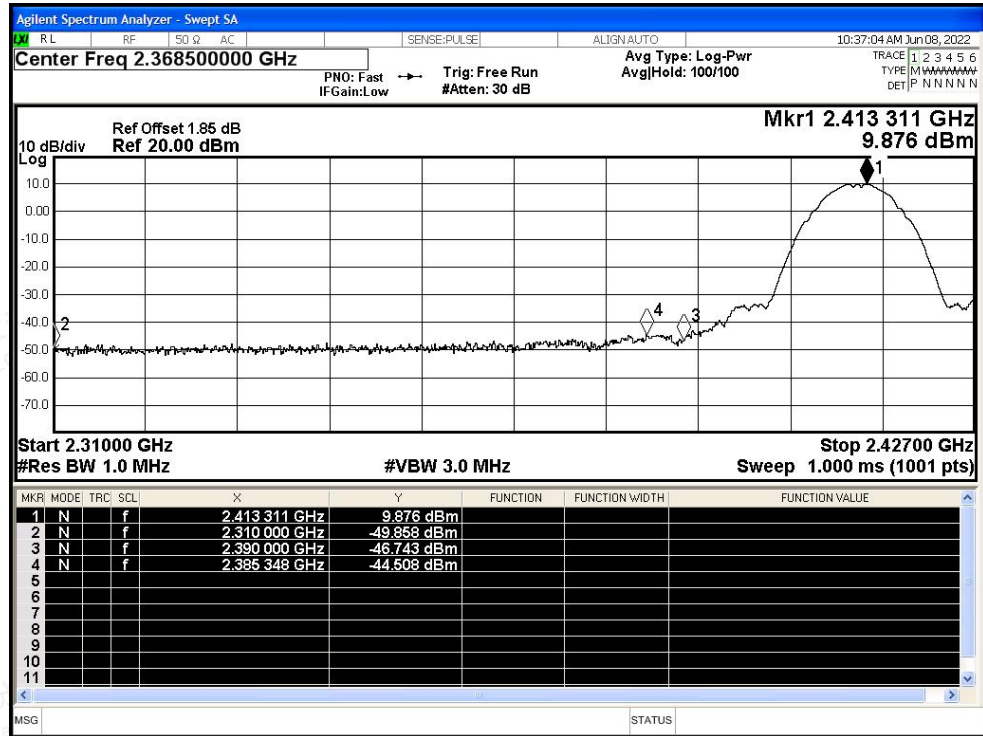
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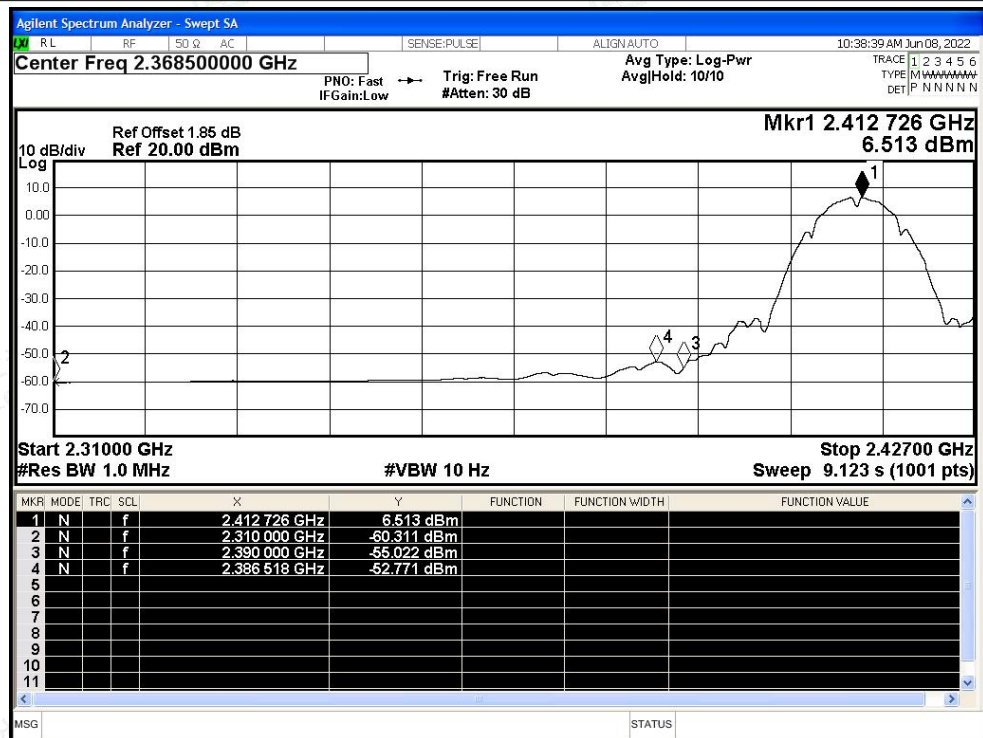


Test Graphs

Restrict Band NVNT b 2412MHz Ant1 Peak



Restrict Band NVNT b 2412MHz Ant1 Average



Shenzhen LCS Compliance Testing Laboratory Ltd.

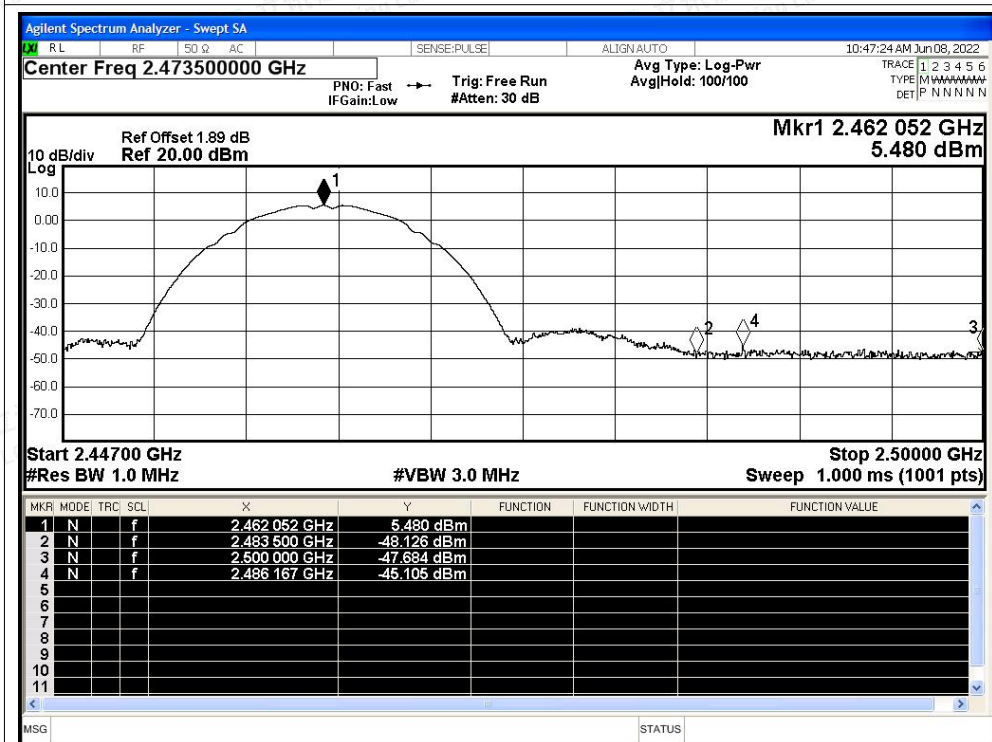
Add: 101, 201 Bldg A & 301 Bldg C, Juji Industrial Park Yabianxueziwei, Shajing Street, Baoan District, Shenzhen, 518000, China

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

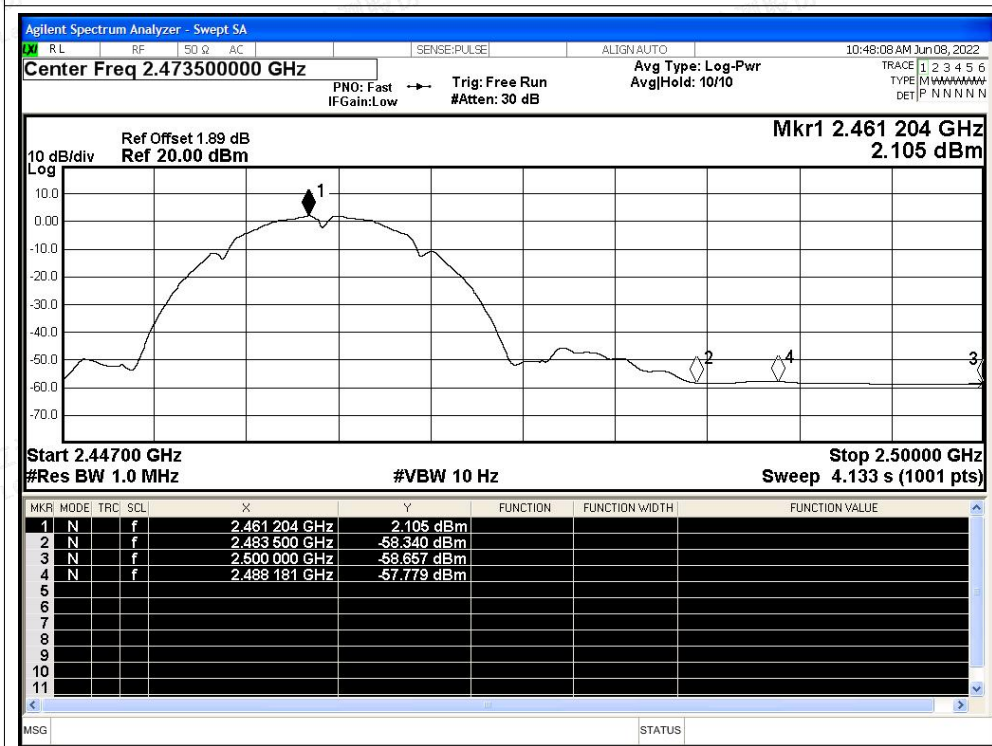
Scan code to check authenticity



Restrict Band NVNT b 2462MHz Ant1 Peak



Restrict Band NVNT b 2462MHz Ant1 Average



Shenzhen LCS Compliance Testing Laboratory Ltd.

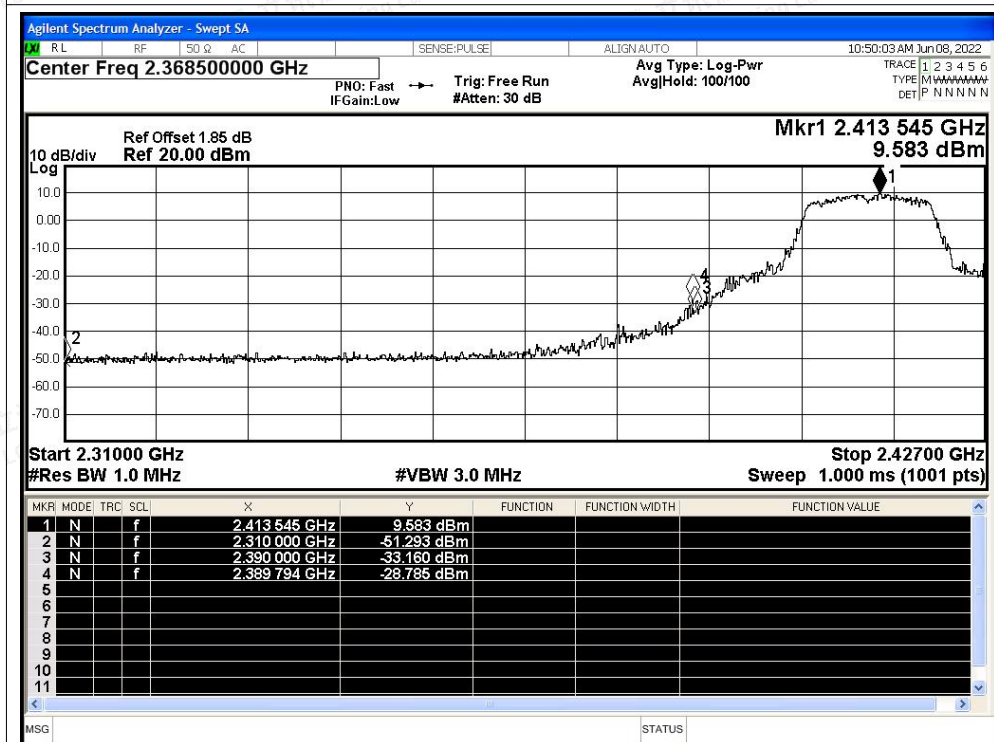
Add: 101, 201 Bldg A & 301 Bldg C, Juji Industrial Park Yabianxueziwei, Shajing Street, Baoan District, Shenzhen, 518000, China

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

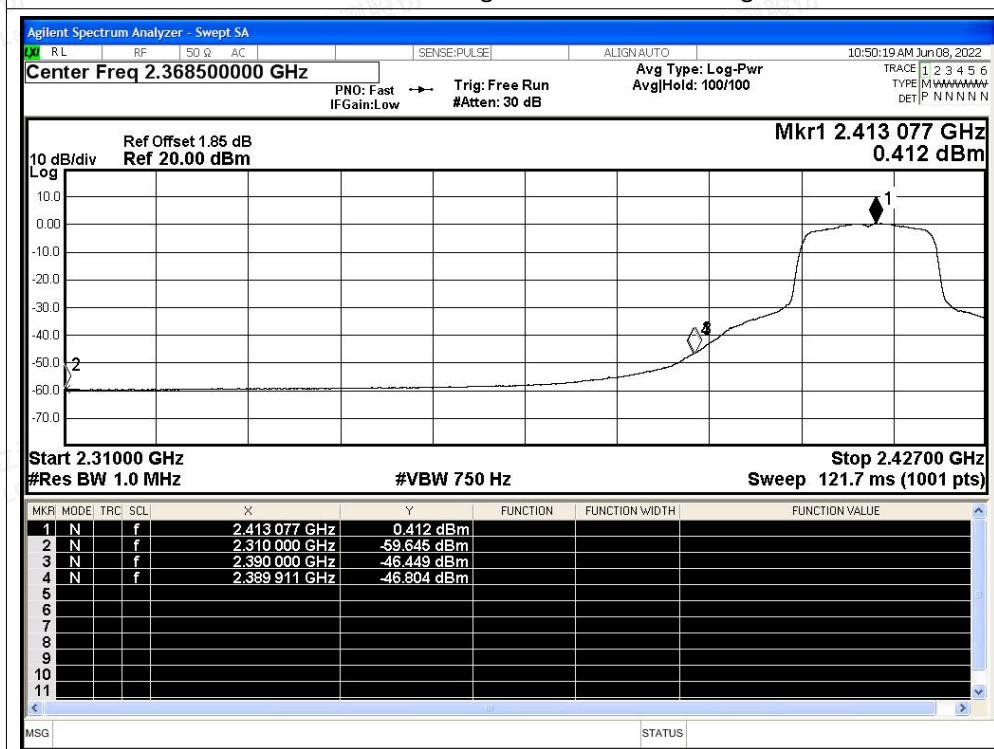
Scan code to check authenticity



Restrict Band NVNT g 2412MHz Ant1 Peak



Restrict Band NVNT g 2412MHz Ant1 Average



Shenzhen LCS Compliance Testing Laboratory Ltd.

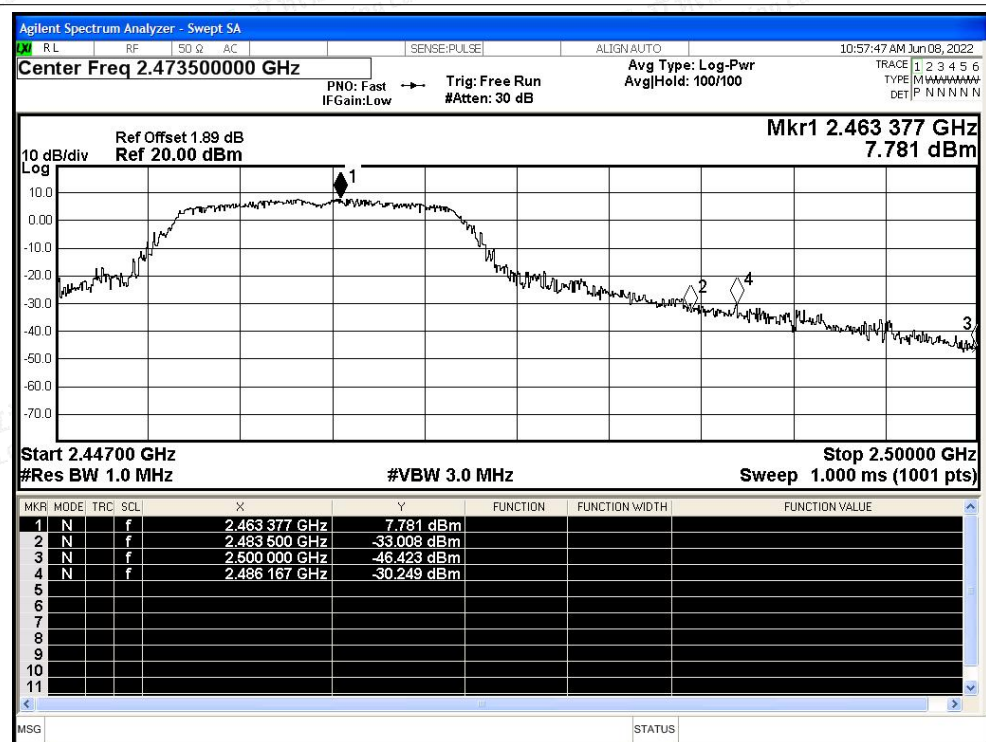
Add: 101, 201 Bldg A & 301 Bldg C, Juji Industrial Park Yabianxueziwei, Shajing Street, Baoan District, Shenzhen, 518000, China

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

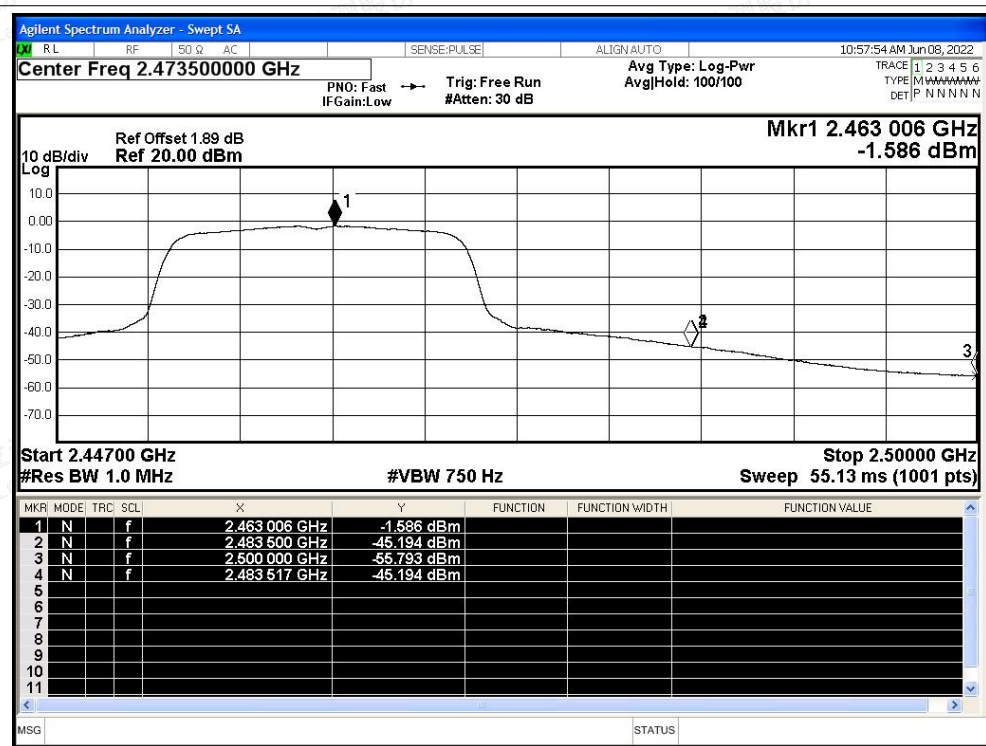
Scan code to check authenticity



Restrict Band NVNT g 2462MHz Ant1 Peak



Restrict Band NVNT g 2462MHz Ant1 Average



Shenzhen LCS Compliance Testing Laboratory Ltd.

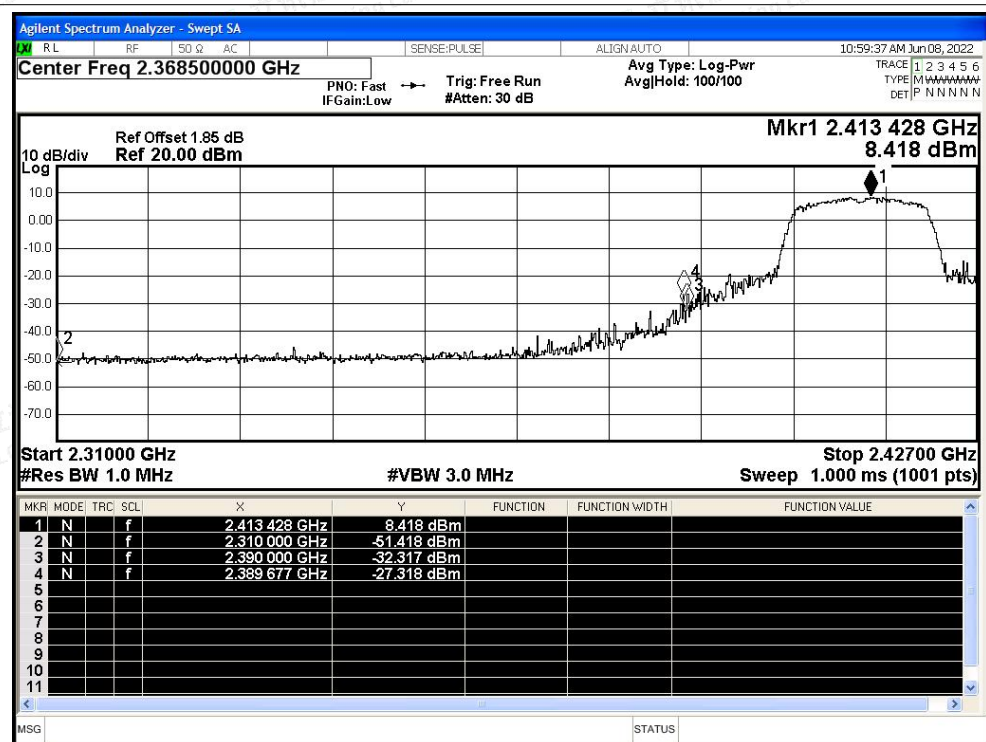
Add: 101, 201 Bldg A & 301 Bldg C, Juji Industrial Park Yabianxueziwei, Shajing Street, Baoan District, Shenzhen, 518000, China

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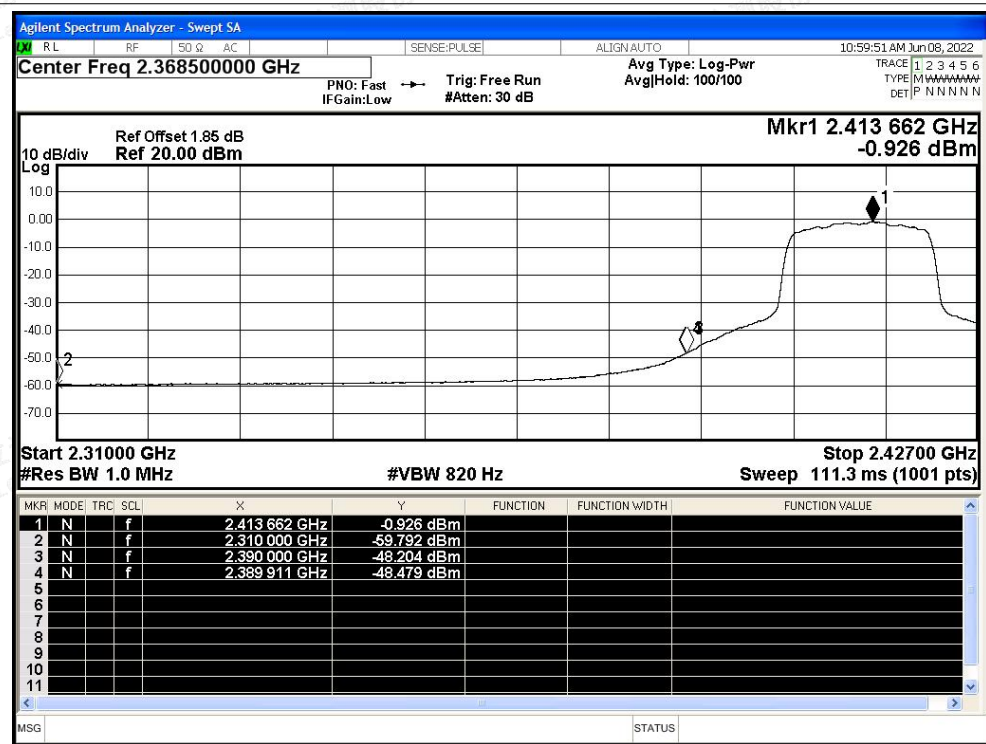
Scan code to check authenticity



Restrict Band NVNT n20 2412MHz Ant1 Peak



Restrict Band NVNT n20 2412MHz Ant1 Average



Shenzhen LCS Compliance Testing Laboratory Ltd.

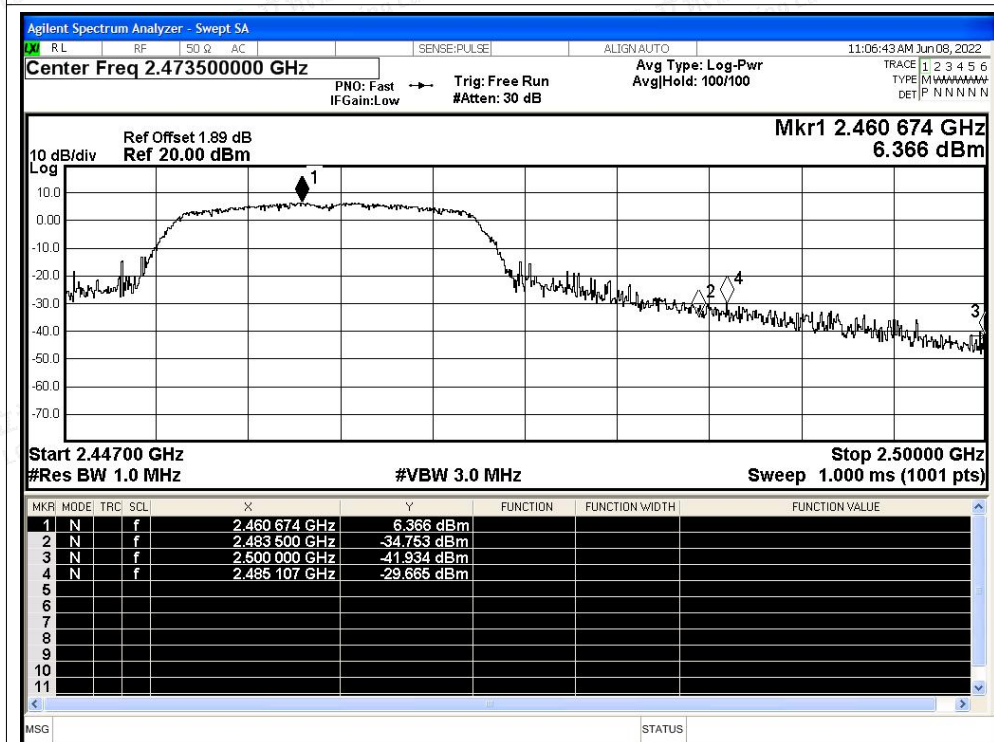
Add: 101, 201 Bldg A & 301 Bldg C, Juji Industrial Park Yabianxueziwei, Shajing Street, Baoan District, Shenzhen, 518000, China

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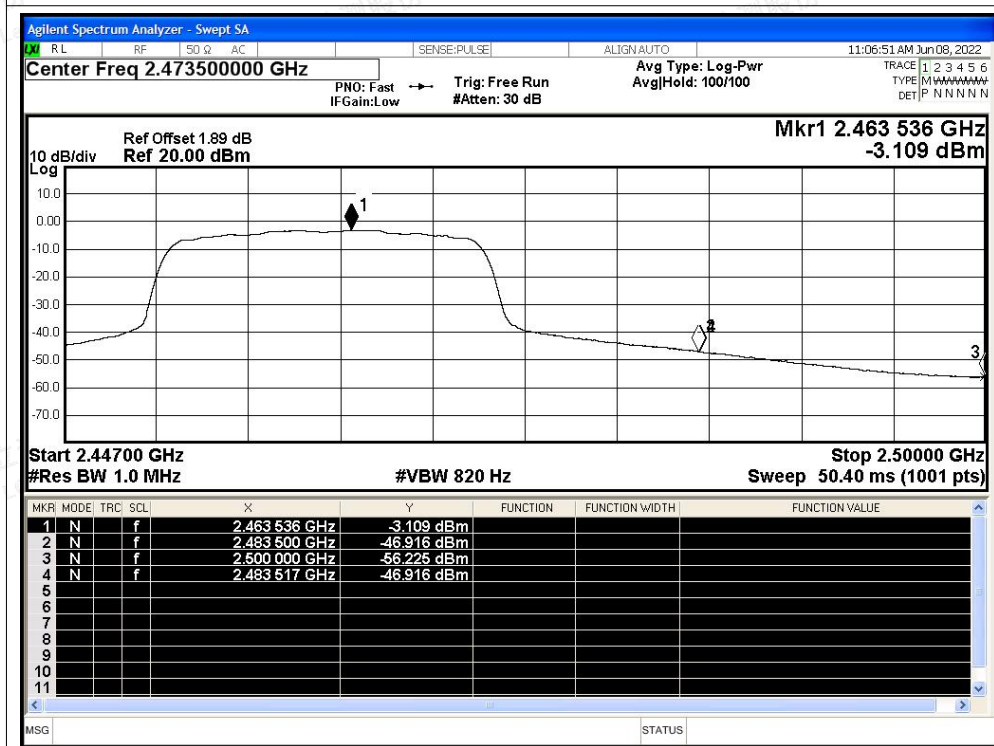
Scan code to check authenticity



Restrict Band NVNT n20 2462MHz Ant1 Peak



Restrict Band NVNT n20 2462MHz Ant1 Average



Shenzhen LCS Compliance Testing Laboratory Ltd.

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