



Appendix D

RF Test Data for 5.2G WIFI (Conducted Measurement)

Product Name: Touch Screen Panel

Test Model: WP20

Environmental Conditions

Temperature:	23.8 ° C
Relative Humidity:	52.1%
ATM Pressure:	100.0 kPa
Test Engineer:	Ling Zhu
Supervised by:	Kay Hu





D.1 -26dB Bandwidth

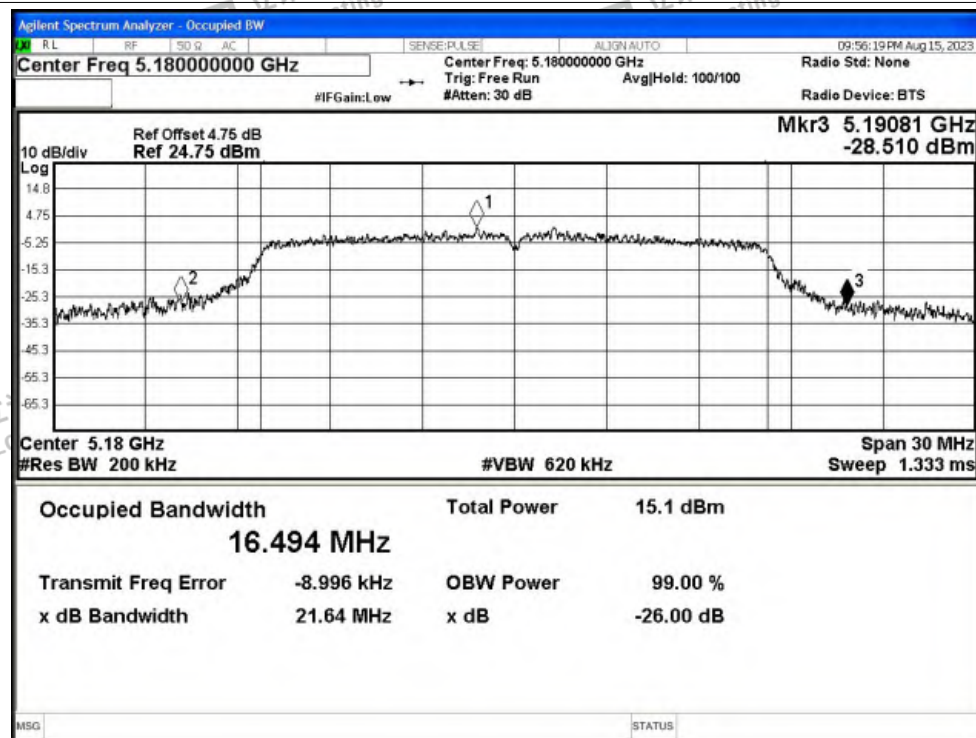
Condition	Mode	Frequency (MHz)	Antenna	-26 dB Bandwidth (MHz)	Limit -26 dB Bandwidth (MHz)	Verdict
NVNT	a	5180	Ant1	21.639	≥ 0.5	Pass
NVNT	a	5200	Ant1	23.114	≥ 0.5	Pass
NVNT	a	5240	Ant1	26.874	≥ 0.5	Pass
NVNT	n20	5180	Ant1	24.866	≥ 0.5	Pass
NVNT	n20	5200	Ant1	23.621	≥ 0.5	Pass
NVNT	n20	5240	Ant1	24.673	≥ 0.5	Pass
NVNT	n40	5190	Ant1	54.6	≥ 0.5	Pass
NVNT	n40	5230	Ant1	54.377	≥ 0.5	Pass
NVNT	ac20	5180	Ant1	21.484	≥ 0.5	Pass
NVNT	ac20	5200	Ant1	23.777	≥ 0.5	Pass
NVNT	ac20	5240	Ant1	24.843	≥ 0.5	Pass
NVNT	ac40	5190	Ant1	55.58	≥ 0.5	Pass
NVNT	ac40	5230	Ant1	57.504	≥ 0.5	Pass
NVNT	ac80	5210	Ant1	113.45	≥ 0.5	Pass



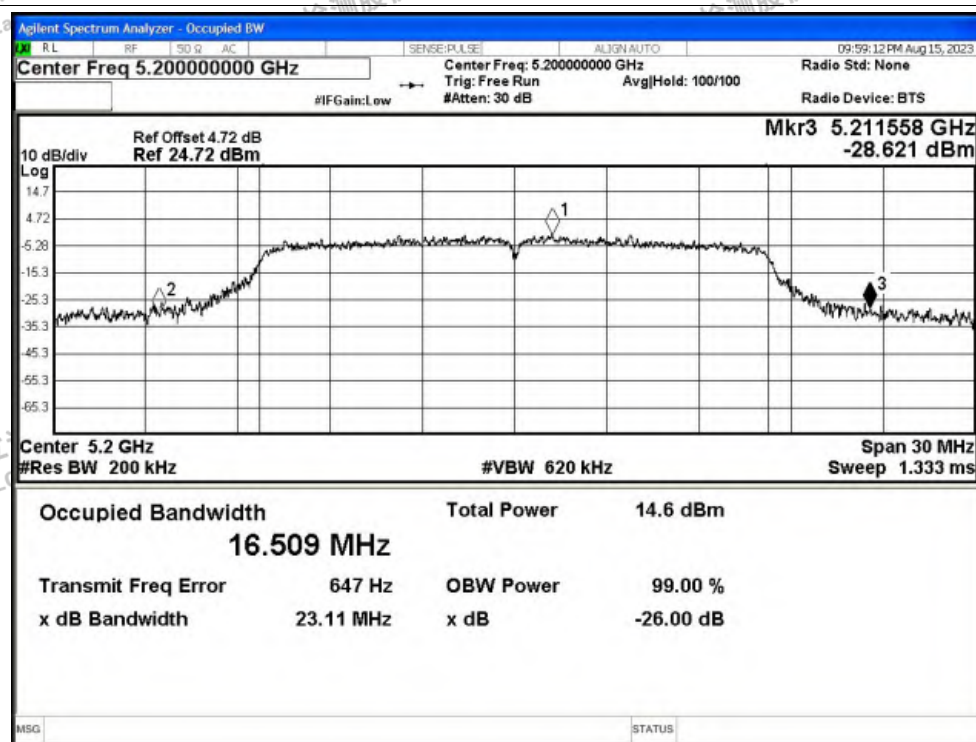


Test Graphs

-26dB Bandwidth NVNT a 5180MHz Ant1



-26dB Bandwidth NVNT a 5200MHz Ant1



Shenzhen LCS Compliance Testing Laboratory Ltd.

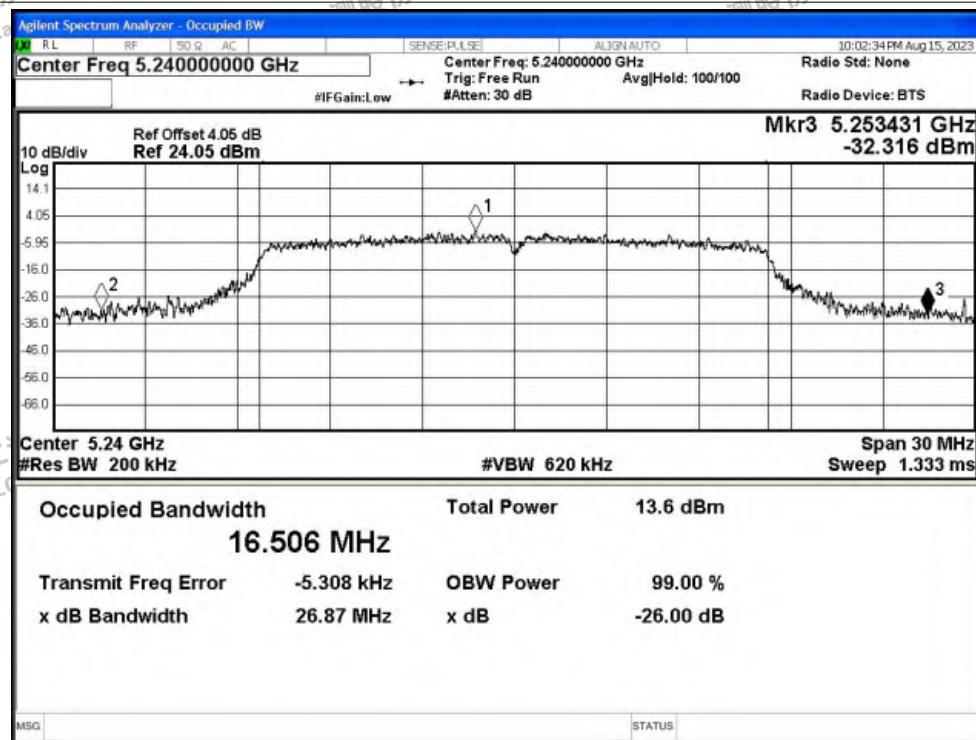
Add: 101, 201 Bldg A & 301 Bldg C, Juji Industrial Park Yabianxueziwei, Shajing Street, Baoan District, Shenzhen, 518000, China

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

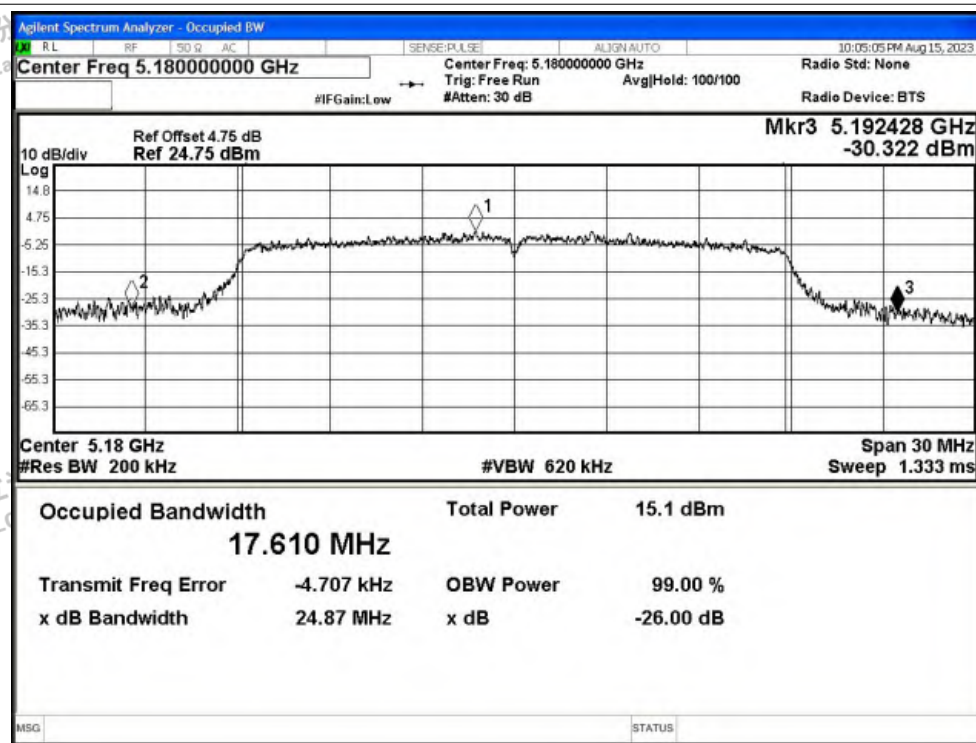
Scan code to check authenticity



-26dB Bandwidth NVNT a 5240MHz Ant1



-26dB Bandwidth NVNT n20 5180MHz Ant1



Shenzhen LCS Compliance Testing Laboratory Ltd.

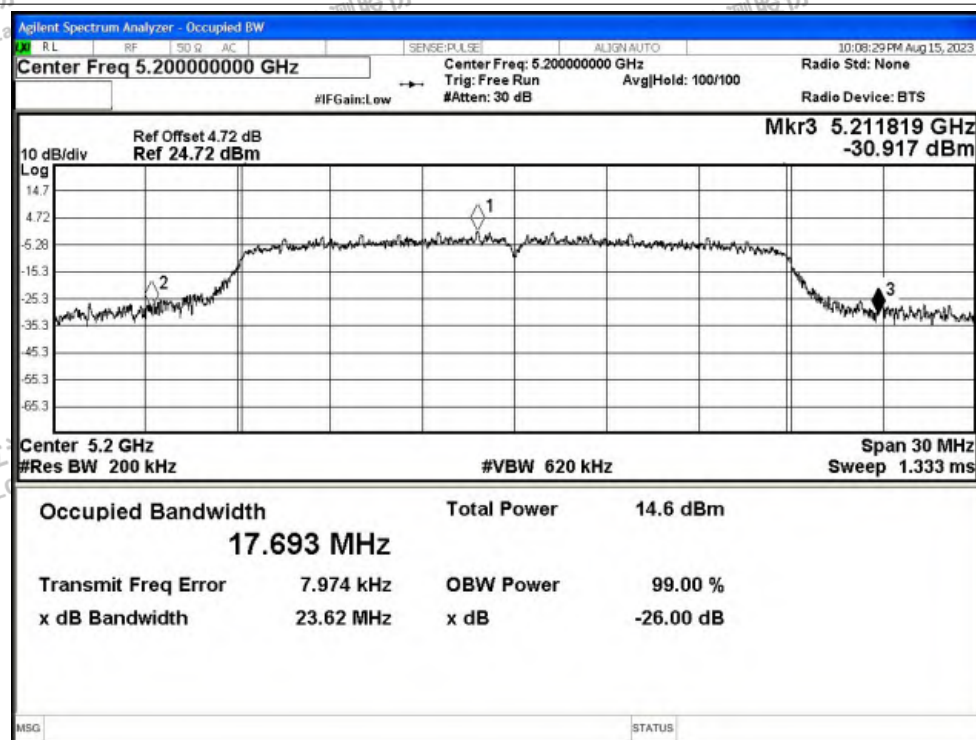
Add: 101, 201 Bldg A & 301 Bldg C, Juji Industrial Park Yabianxueziwei, Shajing Street, Baoan District, Shenzhen, 518000, China

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

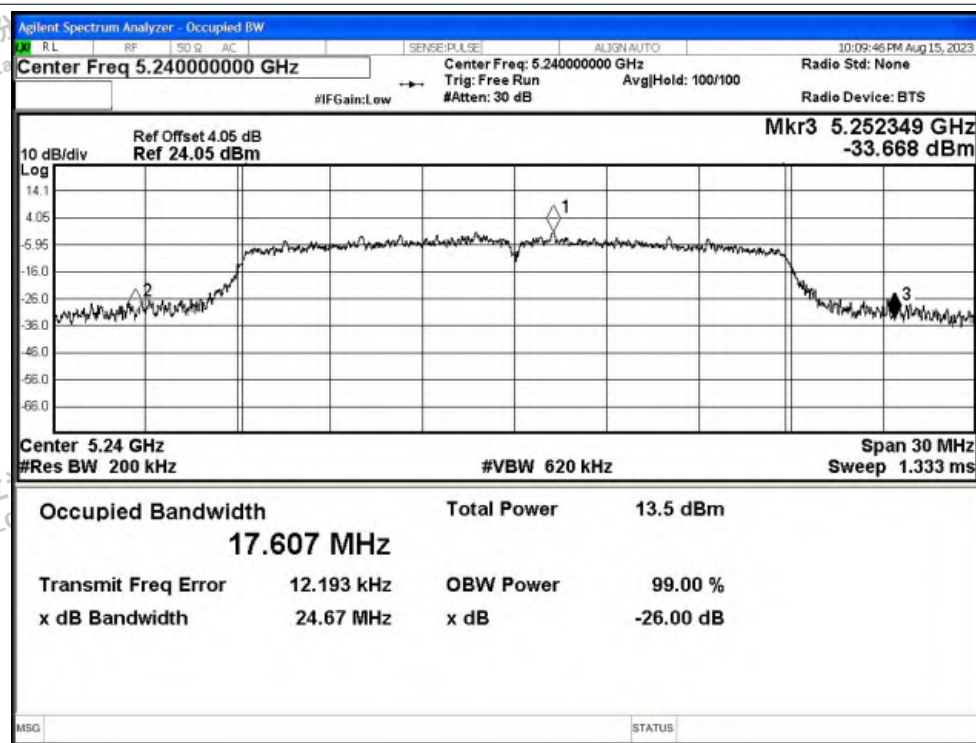
Scan code to check authenticity



-26dB Bandwidth NVNT n20 5200MHz Ant1



-26dB Bandwidth NVNT n20 5240MHz Ant1



Shenzhen LCS Compliance Testing Laboratory Ltd.

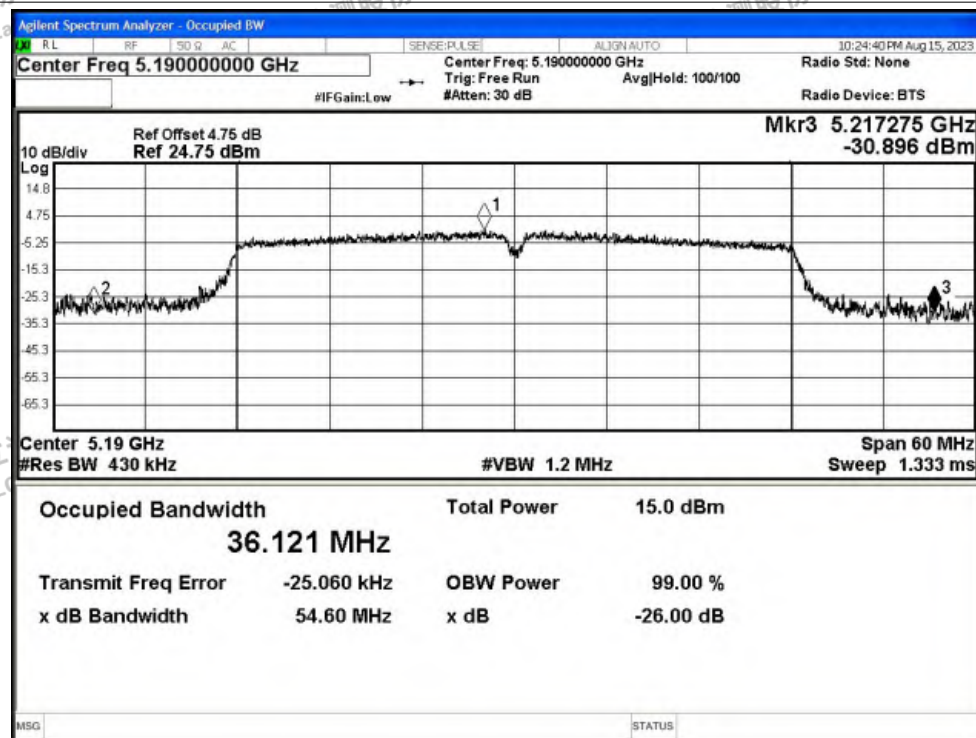
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Tel: +(86) 0755-82591330 | E-mail: webmaster@lcs-cert.com | Web: www.lcs-cert.com

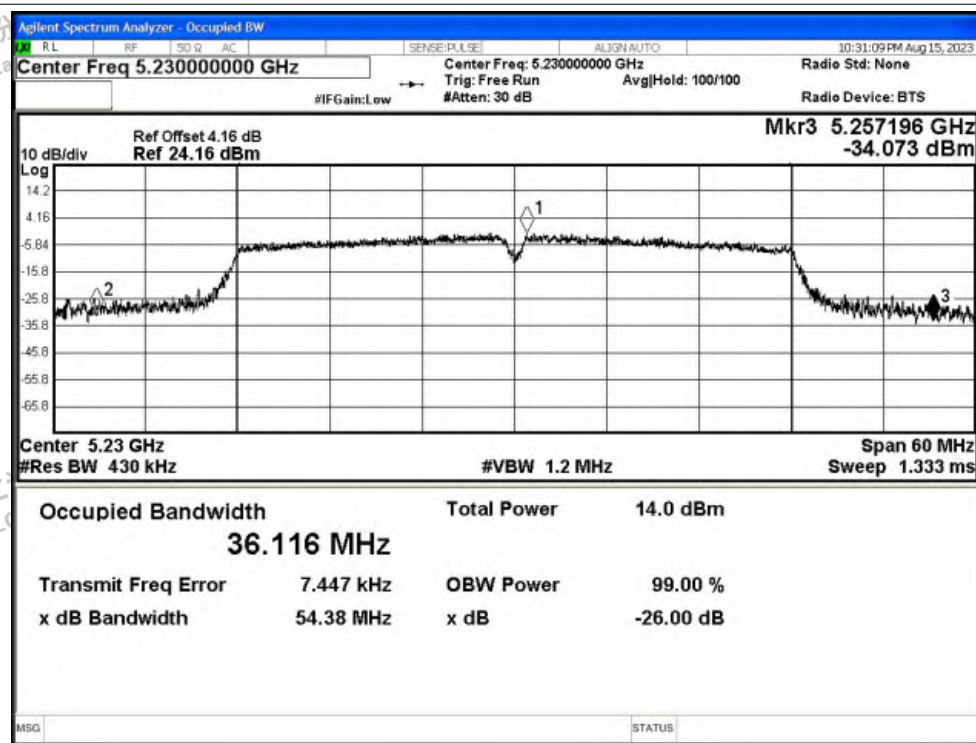
Scan code to check authenticity



-26dB Bandwidth NVNT n40 5190MHz Ant1



-26dB Bandwidth NVNT n40 5230MHz Ant1



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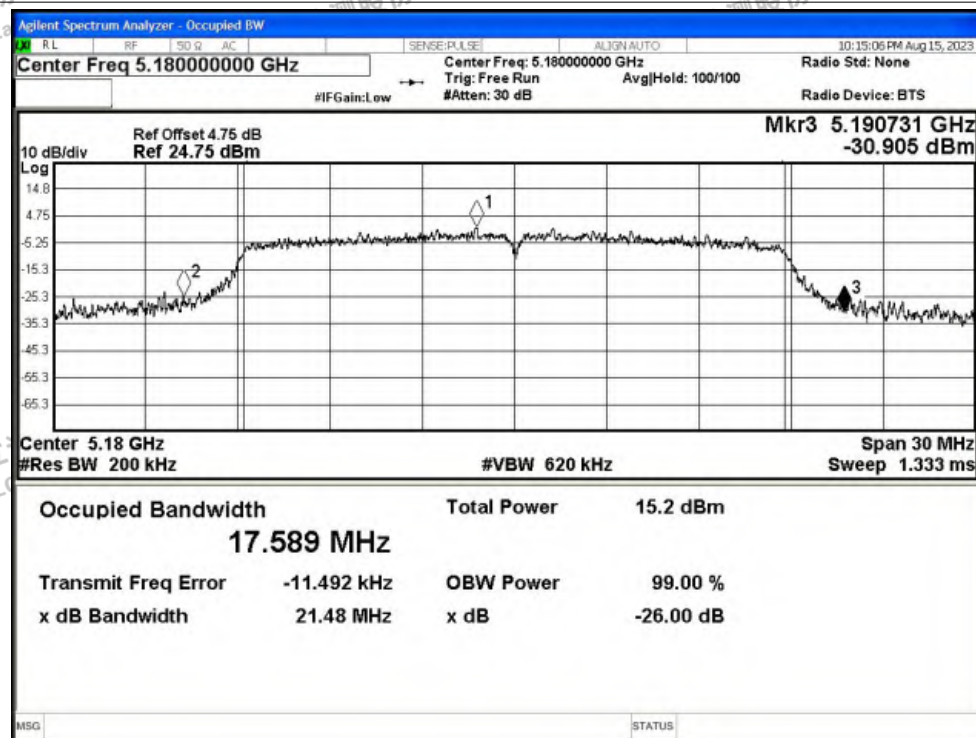
Add: 101, 201 Bldg A & 301 Bldg C, Juji Industrial Park Yabianxueziwei, Shajing Street, Baoan District, Shenzhen, 518000, China

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

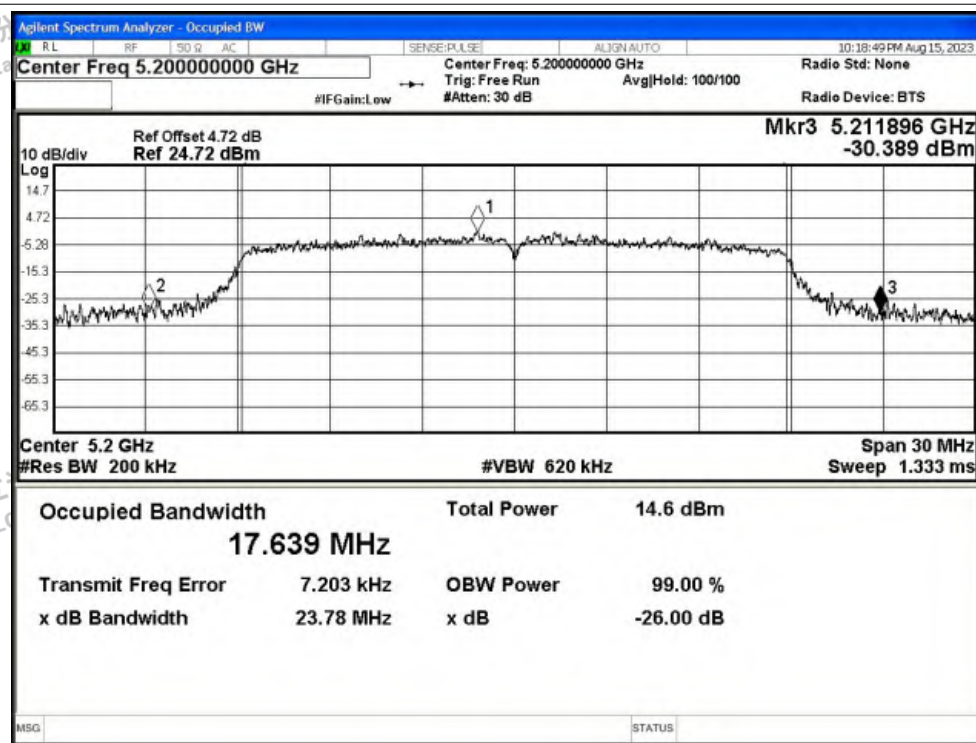
Scan code to check authenticity



-26dB Bandwidth NVNT ac20 5180MHz Ant1



-26dB Bandwidth NVNT ac20 5200MHz Ant1



Shenzhen LCS Compliance Testing Laboratory Ltd.

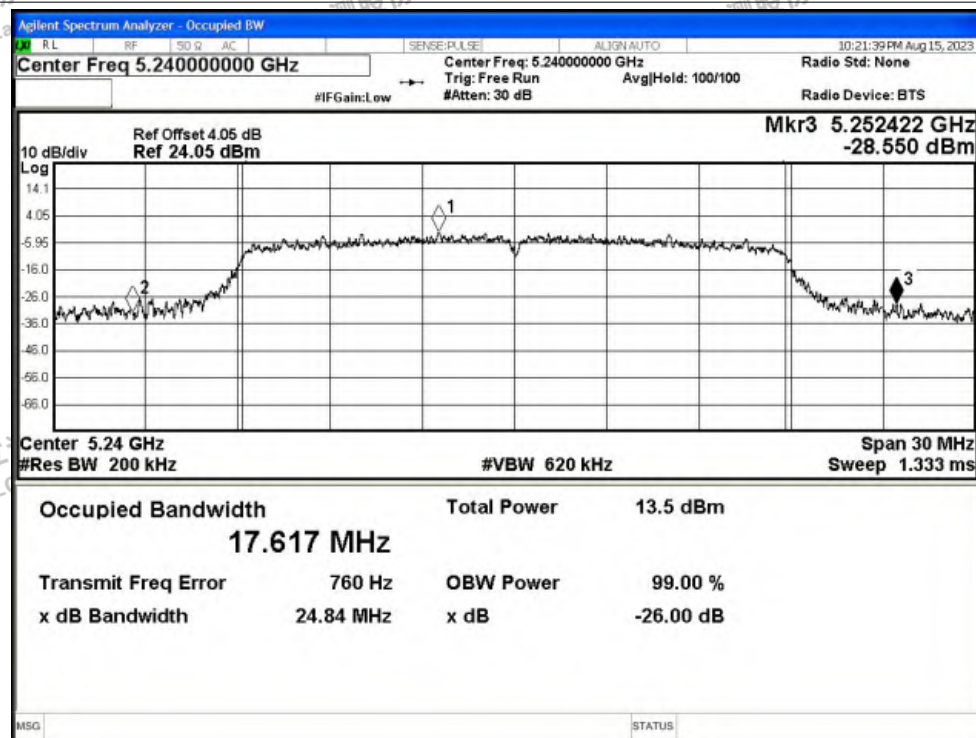
Add: 101, 201 Bldg A & 301 Bldg C, Juji Industrial Park Yabianxueziwei, Shajing Street, Baoan District, Shenzhen, 518000, China

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

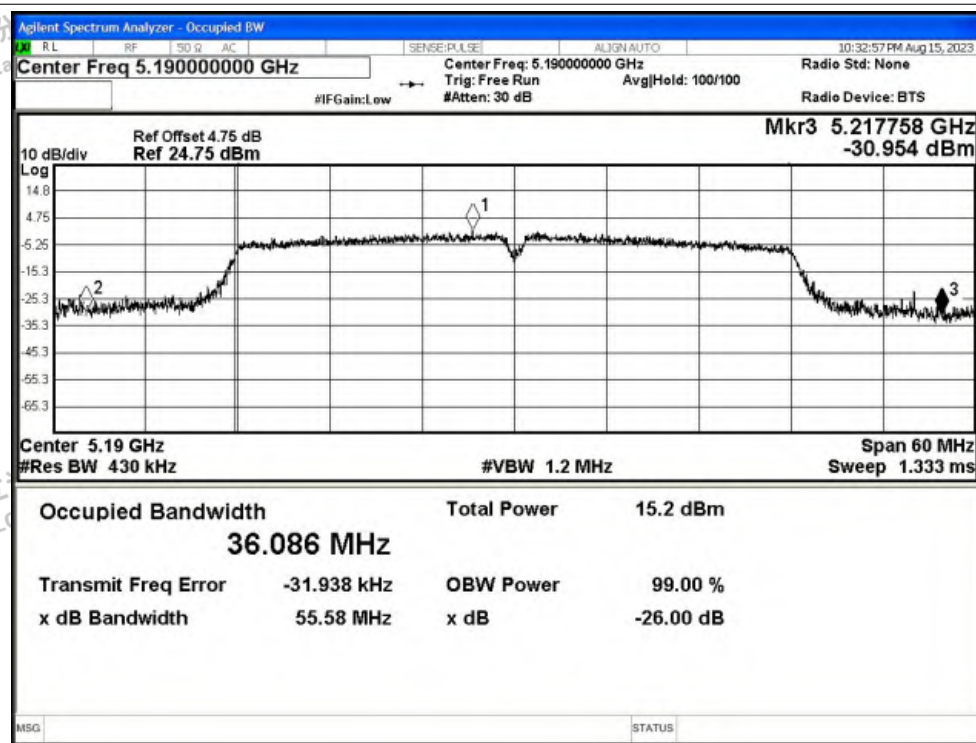
Scan code to check authenticity



-26dB Bandwidth NVNT ac20 5240MHz Ant1



-26dB Bandwidth NVNT ac40 5190MHz Ant1



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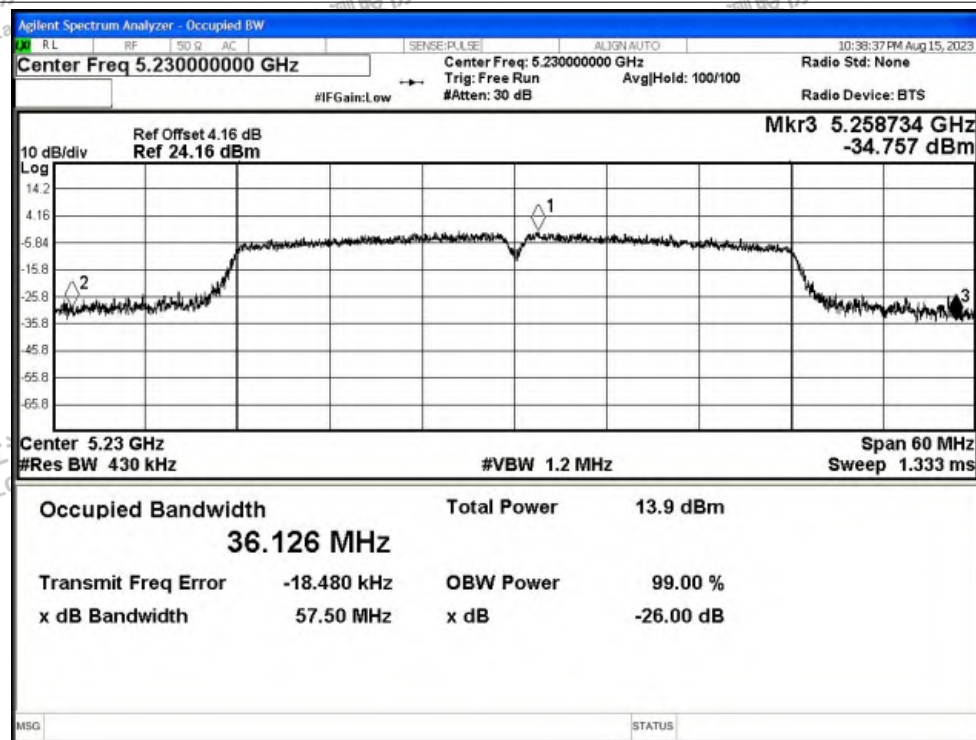
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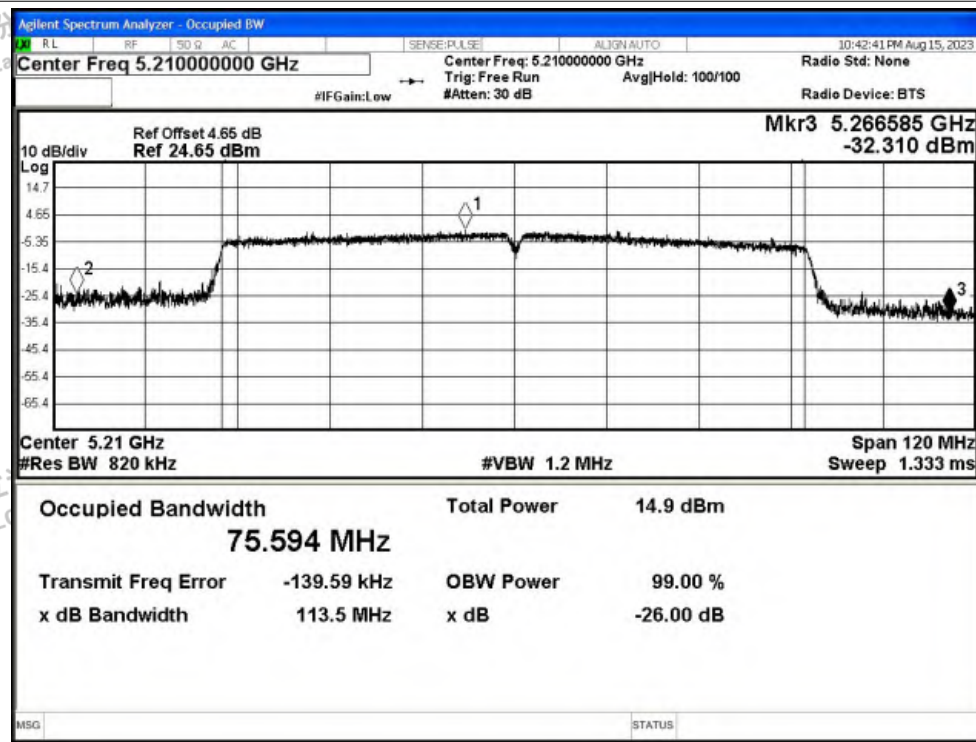
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-26dB Bandwidth NVNT ac40 5230MHz Ant1



-26dB Bandwidth NVNT ac80 5210MHz Ant1



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D.2 Maximum Conducted Output Power

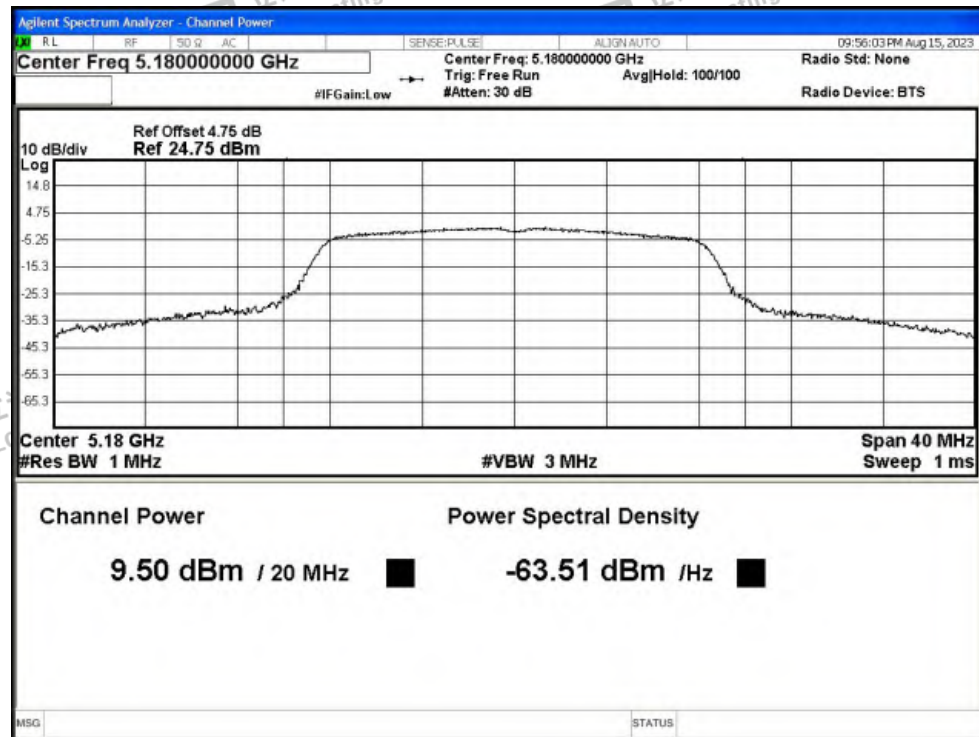
Condition	Mode	Frequency (MHz)	Antenna	Conducted Power (dBm)	Duty Factor (dB)	Total Power (dBm)	Limit (dBm)	Verdict
NVNT	a	5180	Ant1	9.5	0.13	9.63	24	Pass
NVNT	a	5200	Ant1	9.16	0.13	9.29	24	Pass
NVNT	a	5240	Ant1	7.85	0.13	7.98	24	Pass
NVNT	n20	5180	Ant1	9.53	0.15	9.68	24	Pass
NVNT	n20	5200	Ant1	8.85	0.15	9	24	Pass
NVNT	n20	5240	Ant1	7.73	0.15	7.88	24	Pass
NVNT	n40	5190	Ant1	9.25	0.29	9.54	24	Pass
NVNT	n40	5230	Ant1	8.13	0.28	8.41	24	Pass
NVNT	ac20	5180	Ant1	9.53	0.14	9.67	24	Pass
NVNT	ac20	5200	Ant1	8.86	0.14	9	24	Pass
NVNT	ac20	5240	Ant1	7.76	0.14	7.9	24	Pass
NVNT	ac40	5190	Ant1	9.18	0.28	9.46	24	Pass
NVNT	ac40	5230	Ant1	7.96	0.28	8.24	24	Pass
NVNT	ac80	5210	Ant1	8.23	0.55	8.78	24	Pass



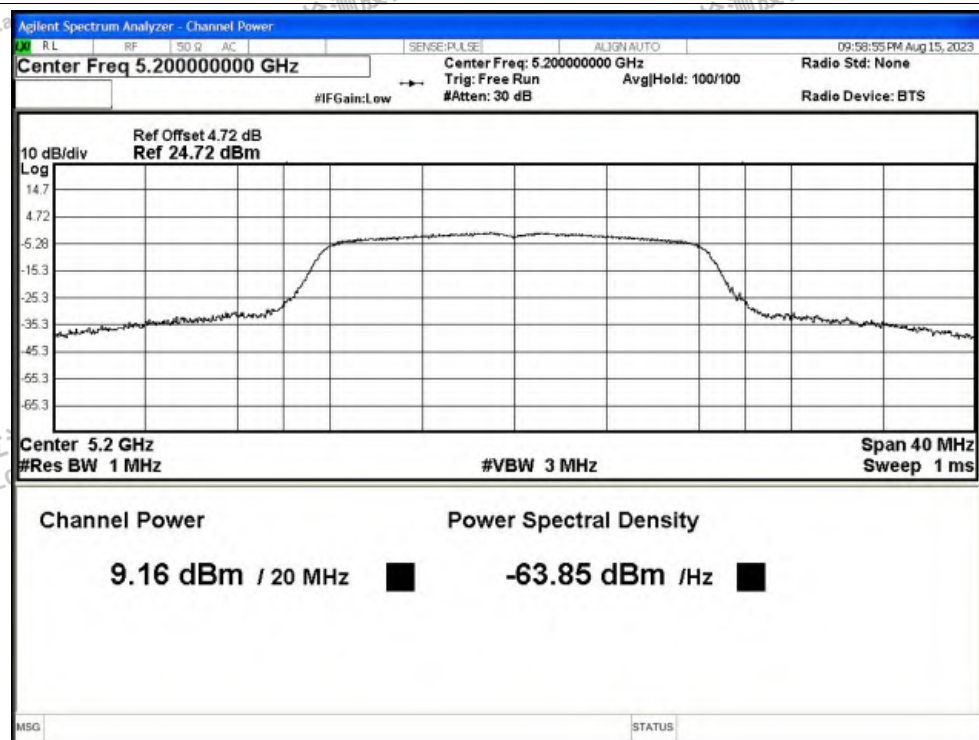


Test Graphs

Power NVNT a 5180MHz Ant1



Power NVNT a 5200MHz Ant1



Shenzhen LCS Compliance Testing Laboratory Ltd.

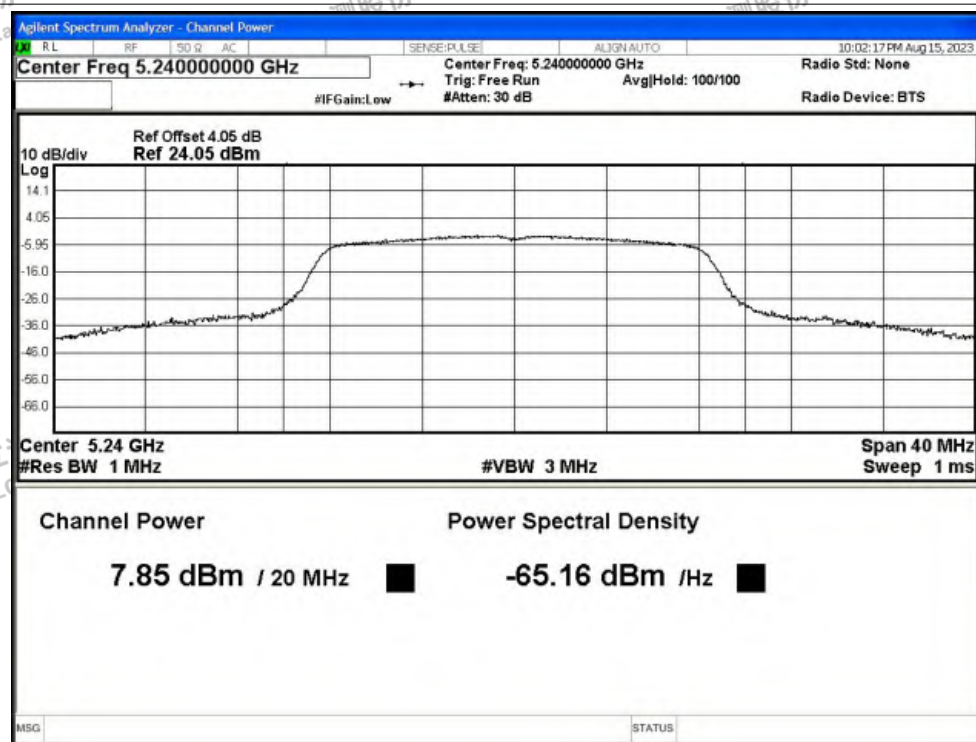
Add: 101, 201 Bldg A & 301 Bldg C, Juji Industrial Park Yabianxueziwei, Shajing Street, Baoan District, Shenzhen, 518000, China

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

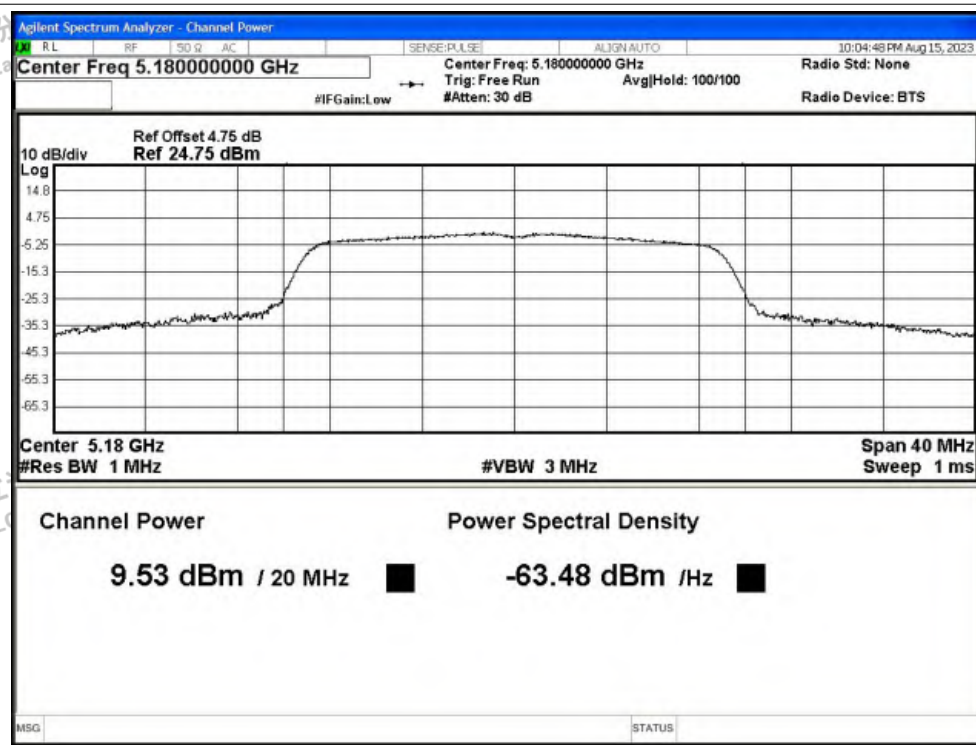
Scan code to check authenticity



Power NVNT a 5240MHz Ant1



Power NVNT n20 5180MHz Ant1



Shenzhen LCS Compliance Testing Laboratory Ltd.

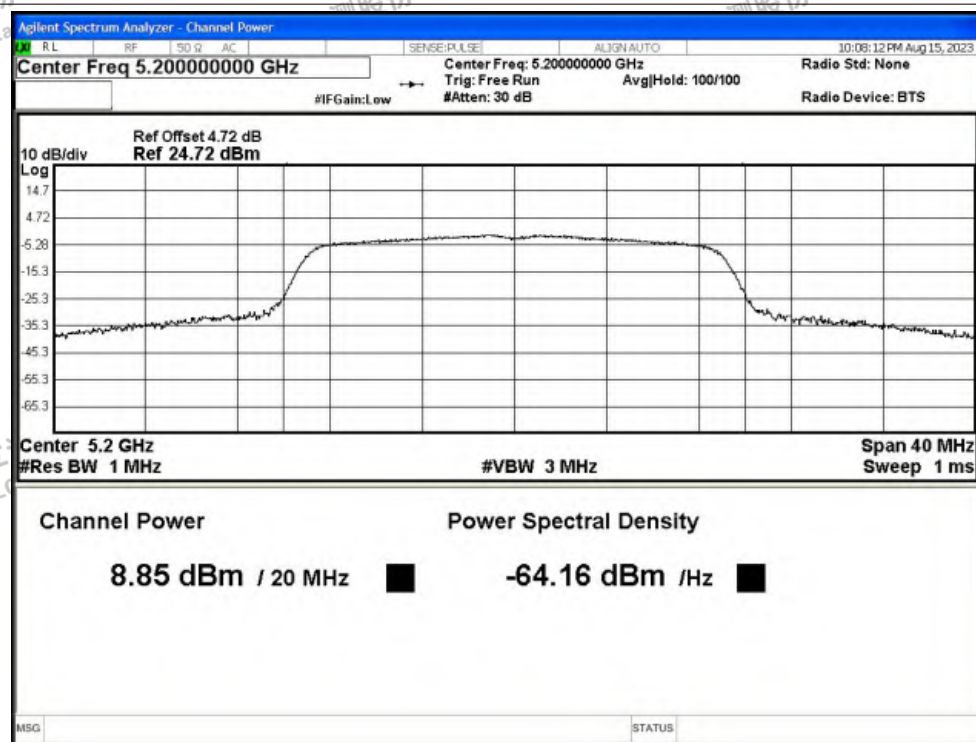
Add: 101, 201 Bldg A & 301 Bldg C, Juji Industrial Park Yabianxueziwei, Shajing Street, Baoan District, Shenzhen, 518000, China

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

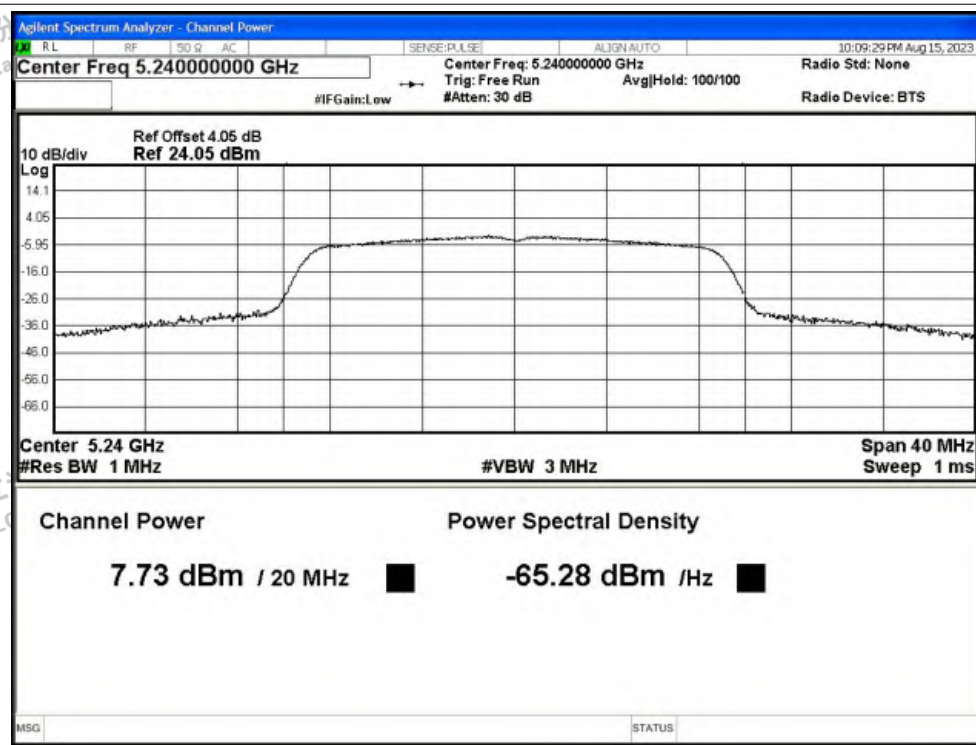
Scan code to check authenticity



Power NVNT n20 5200MHz Ant1



Power NVNT n20 5240MHz Ant1

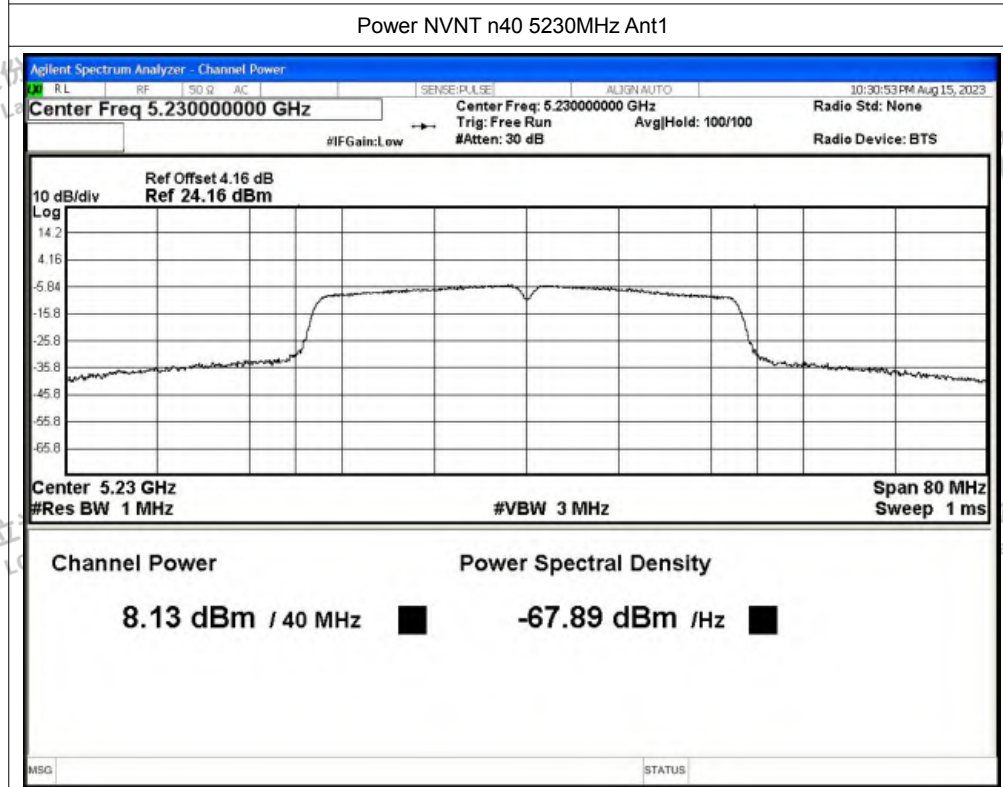
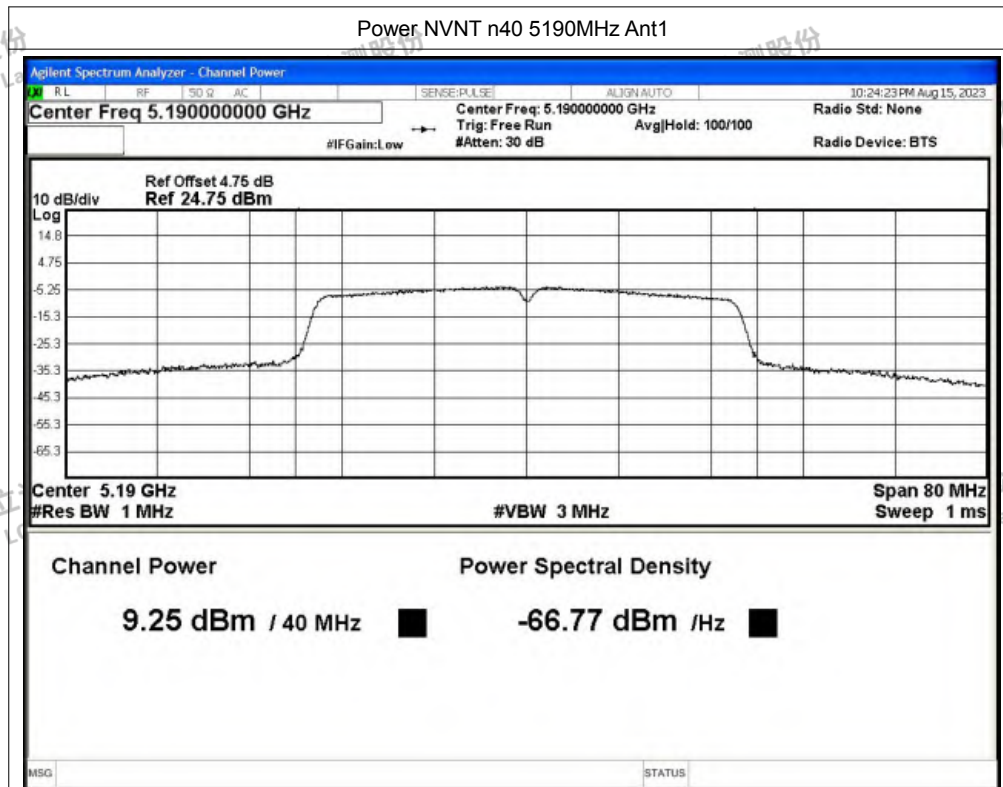


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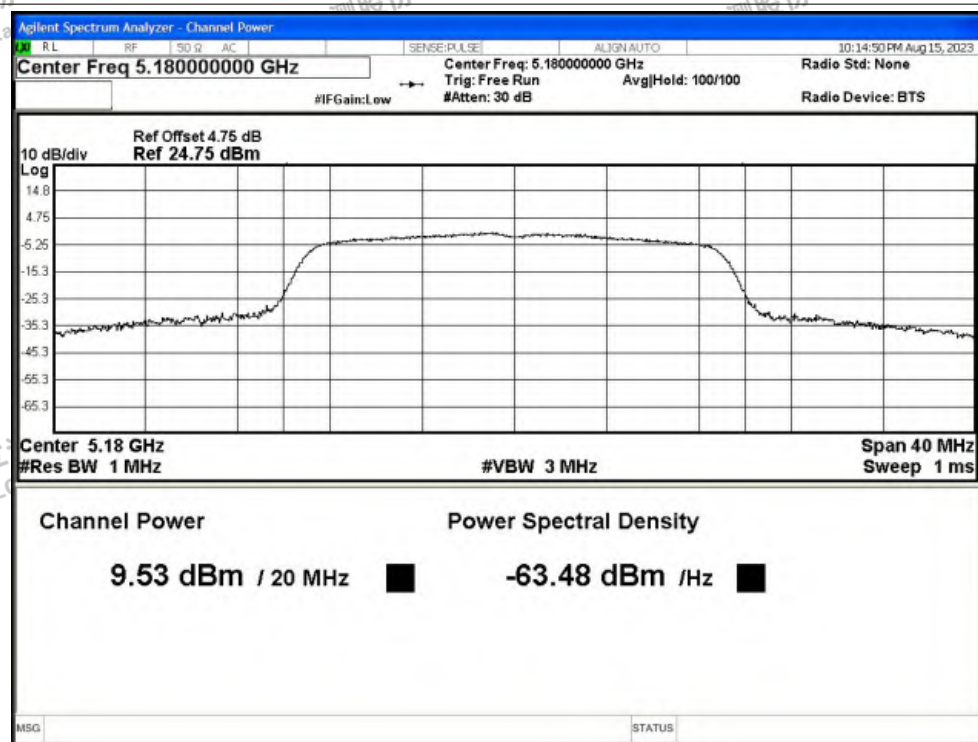
Add: 101, 201 Bldg A & 301 Bldg C, Juji Industrial Park Yabianxueziwei, Shajing Street, Baoan District, Shenzhen, 518000, China

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

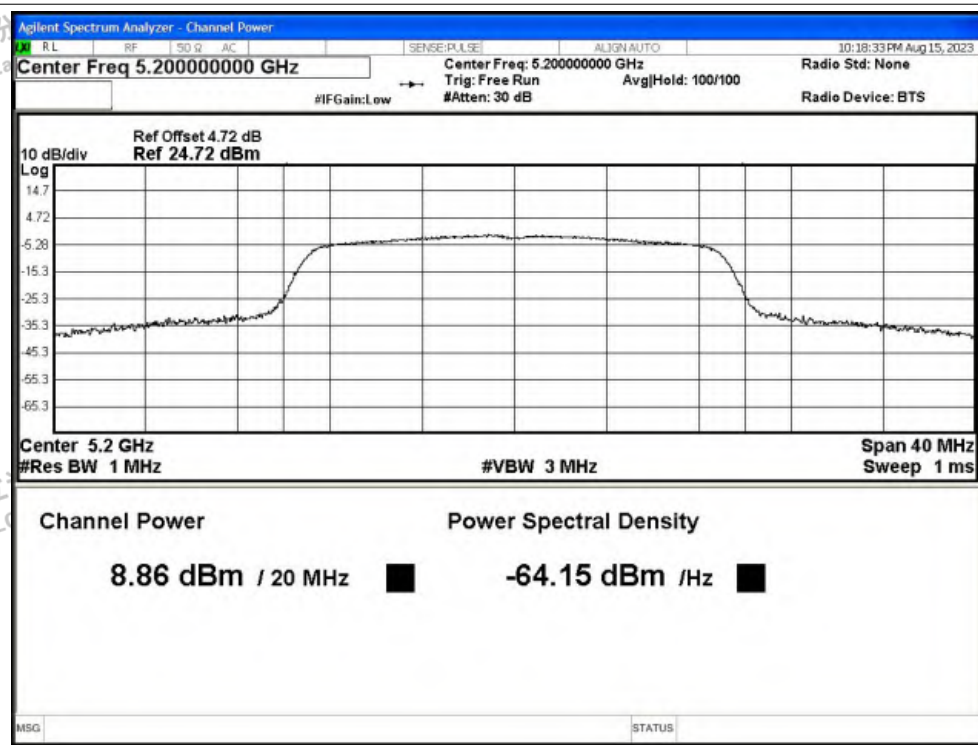
Scan code to check authenticity



Power NVNT ac20 5180MHz Ant1



Power NVNT ac20 5200MHz Ant1



Shenzhen LCS Compliance Testing Laboratory Ltd.

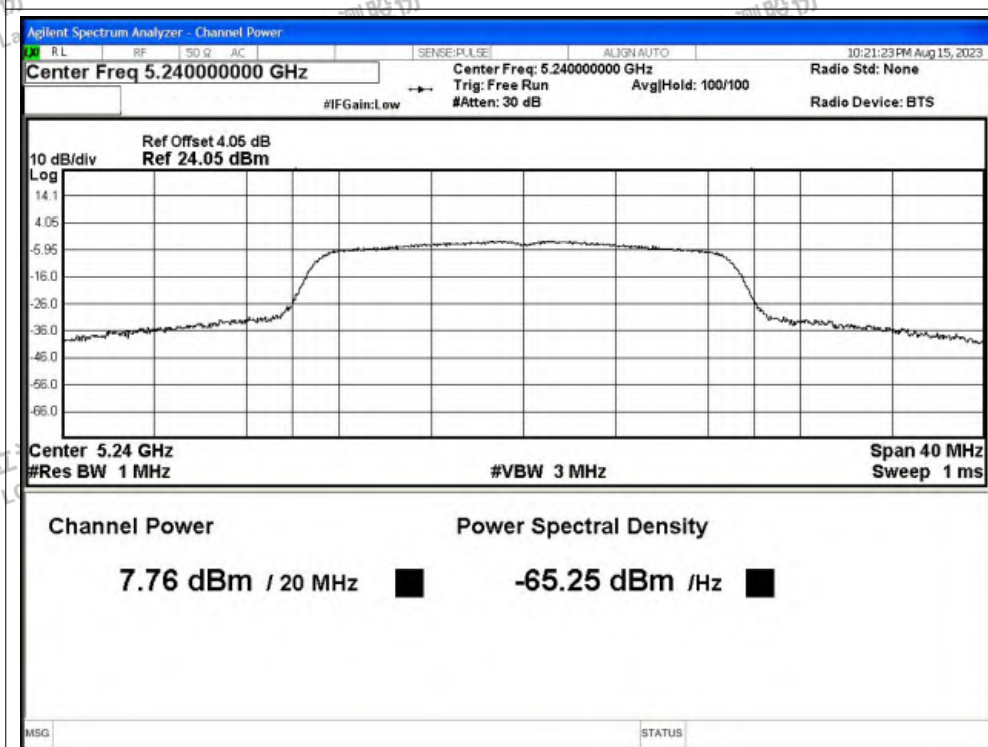
Add: 101, 201 Bldg A & 301 Bldg C, Juji Industrial Park Yabianxueziwei, Shajing Street, Baoan District, Shenzhen, 518000, China

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

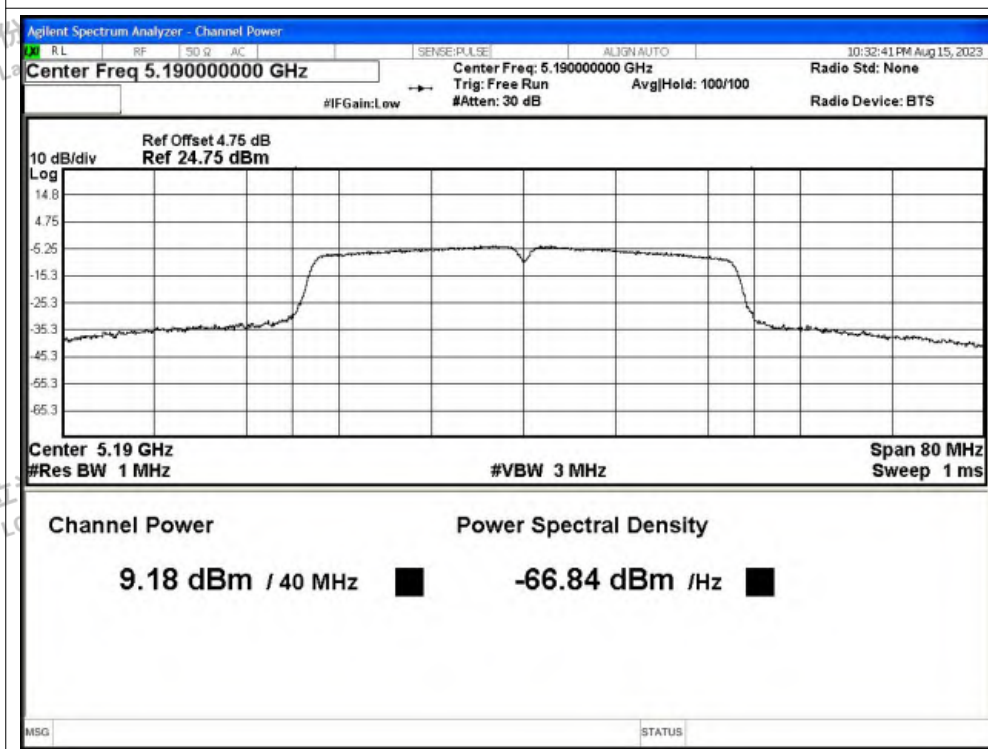
Scan code to check authenticity



Power NVNT ac20 5240MHz Ant1



Power NVNT ac40 5190MHz Ant1



Shenzhen LCS Compliance Testing Laboratory Ltd.

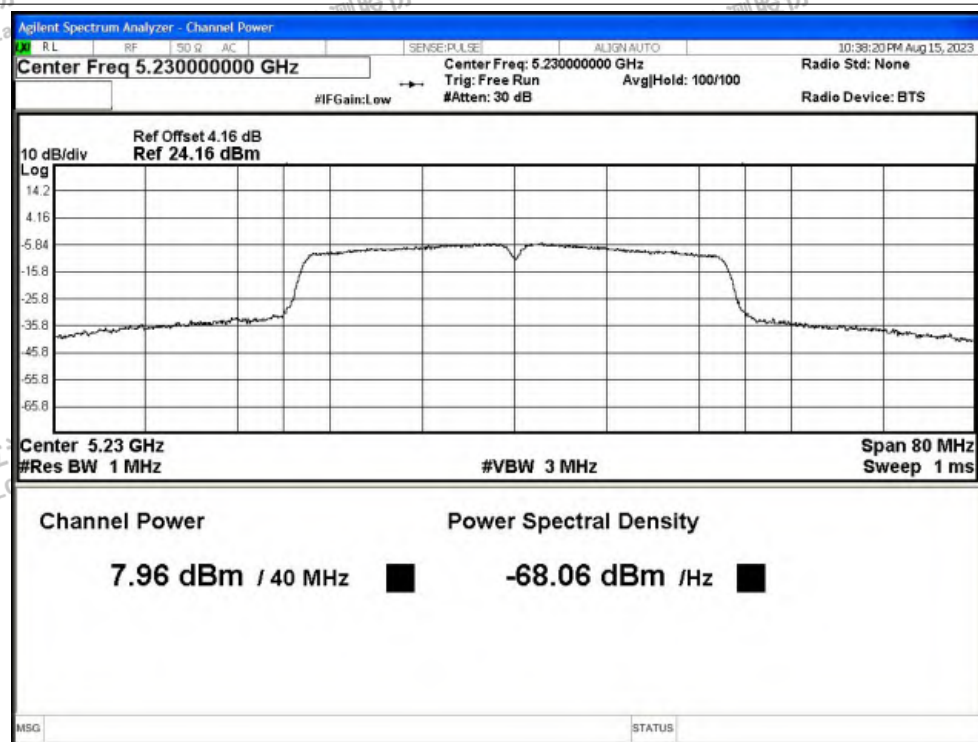
Add: 101, 201 Bldg A & 301 Bldg C, Juji Industrial Park Yabianxueziwei, Shajing Street, Baoan District, Shenzhen, 518000, China

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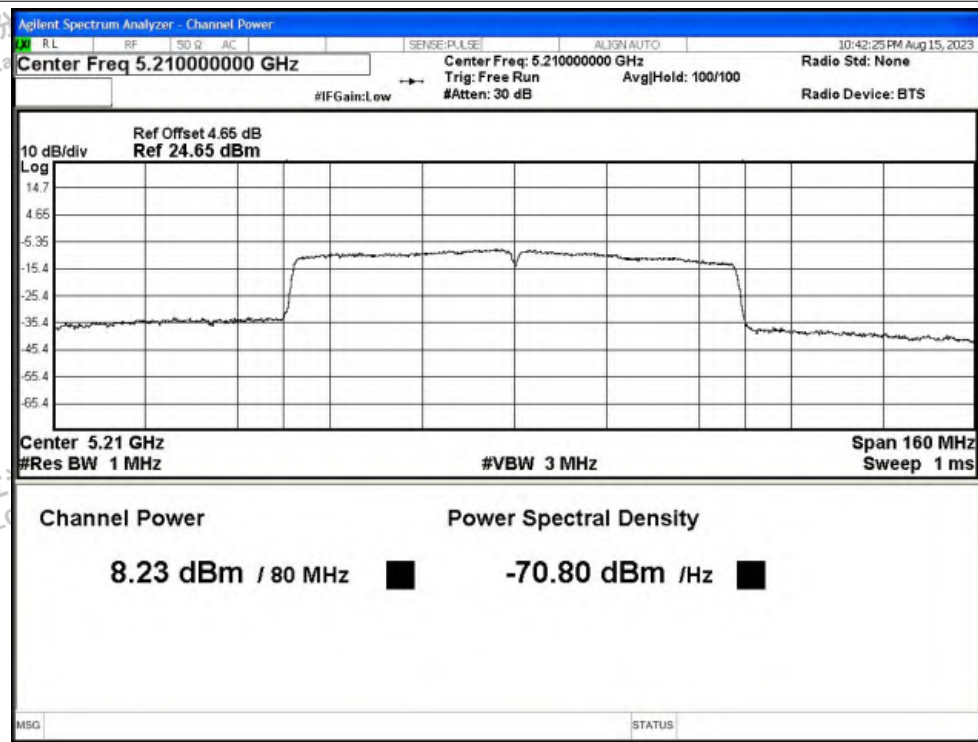
Scan code to check authenticity



Power NVNT ac40 5230MHz Ant1



Power NVNT ac80 5210MHz Ant1



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D.3 Maximum Power Spectral Density Level

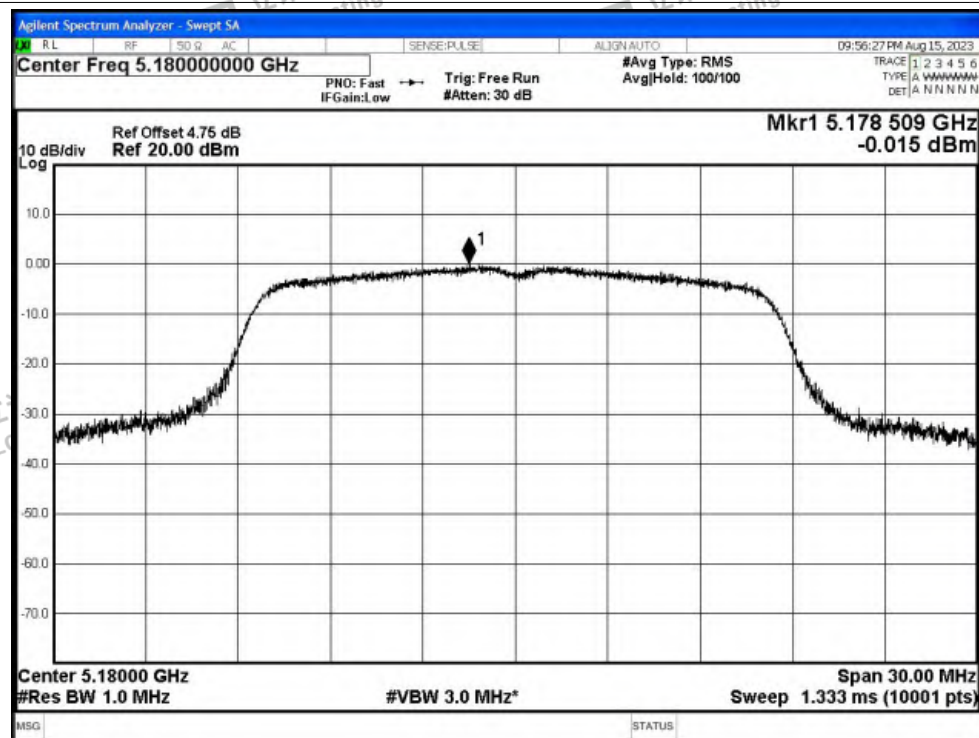
Condition	Mode	Frequency (MHz)	Antenna	Conducted PSD (dBm)	Duty Factor (dB)	Total PSD (dBm)	Limit (dBm)	Verdict
NVNT	a	5180	Ant1	-0.02	0.13	0.11	11	Pass
NVNT	a	5200	Ant1	-0.54	0.13	-0.41	11	Pass
NVNT	a	5240	Ant1	-1.81	0.13	-1.68	11	Pass
NVNT	n20	5180	Ant1	-0.33	0.15	-0.18	11	Pass
NVNT	n20	5200	Ant1	-0.98	0.15	-0.83	11	Pass
NVNT	n20	5240	Ant1	-2.22	0.15	-2.07	11	Pass
NVNT	n40	5190	Ant1	-3.63	0.29	-3.34	11	Pass
NVNT	n40	5230	Ant1	-4.63	0.28	-4.35	11	Pass
NVNT	ac20	5180	Ant1	-0.57	0.14	-0.43	11	Pass
NVNT	ac20	5200	Ant1	-1.05	0.14	-0.91	11	Pass
NVNT	ac20	5240	Ant1	-2.24	0.14	-2.1	11	Pass
NVNT	ac40	5190	Ant1	-3.42	0.28	-3.14	11	Pass
NVNT	ac40	5230	Ant1	-4.78	0.28	-4.5	11	Pass
NVNT	ac80	5210	Ant1	-7.48	0.55	-6.93	11	Pass



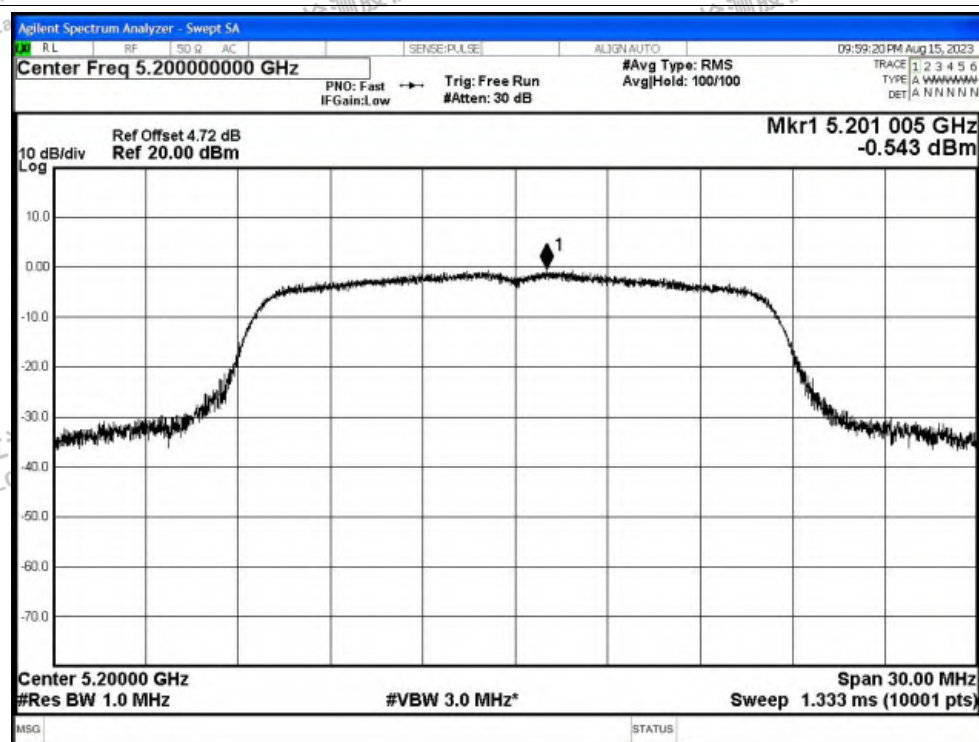


Test Graphs

PSD NVNT a 5180MHz Ant1



PSD NVNT a 5200MHz Ant1



Shenzhen LCS Compliance Testing Laboratory Ltd.

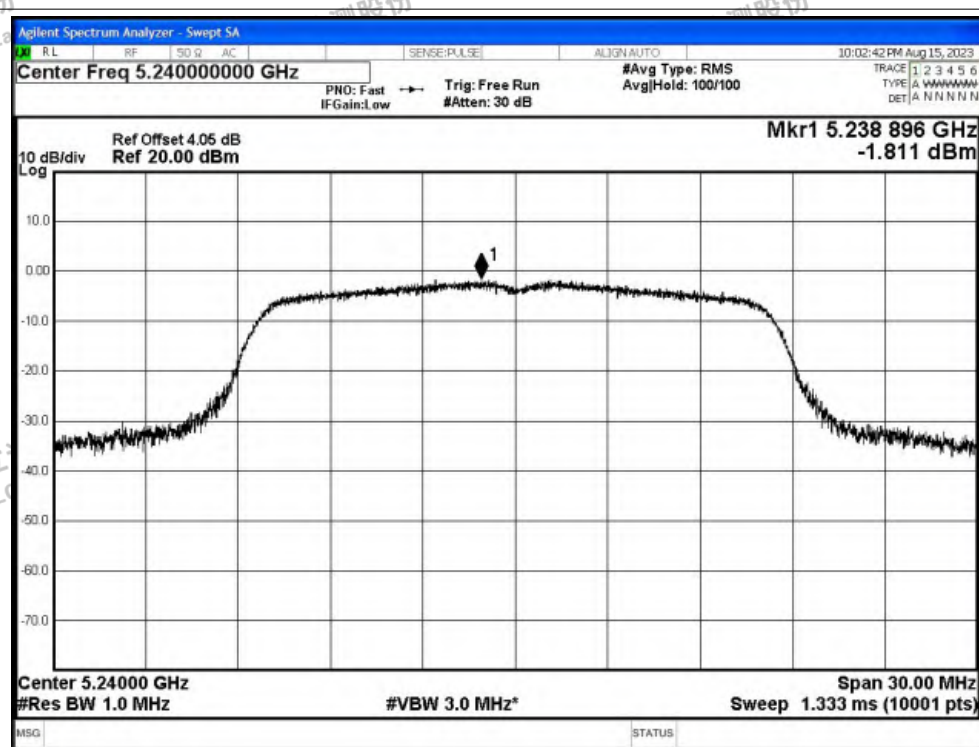
Add: 101, 201 Bldg A & 301 Bldg C, Juji Industrial Park Yabianxueziwei, Shajing Street, Baoan District, Shenzhen, 518000, China

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

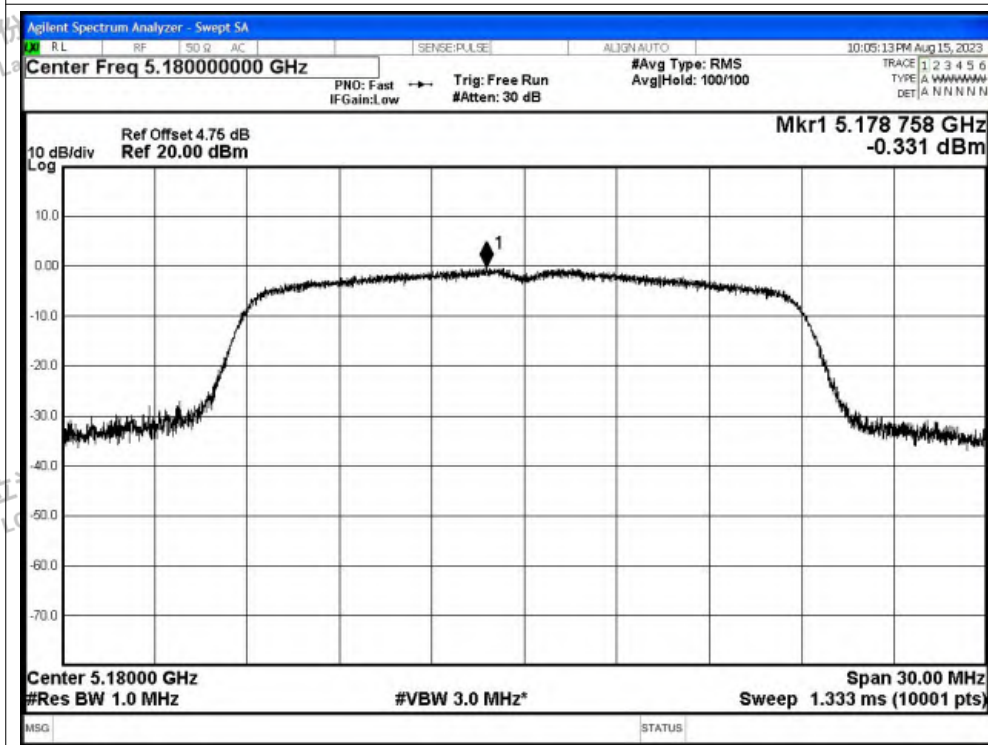
Scan code to check authenticity

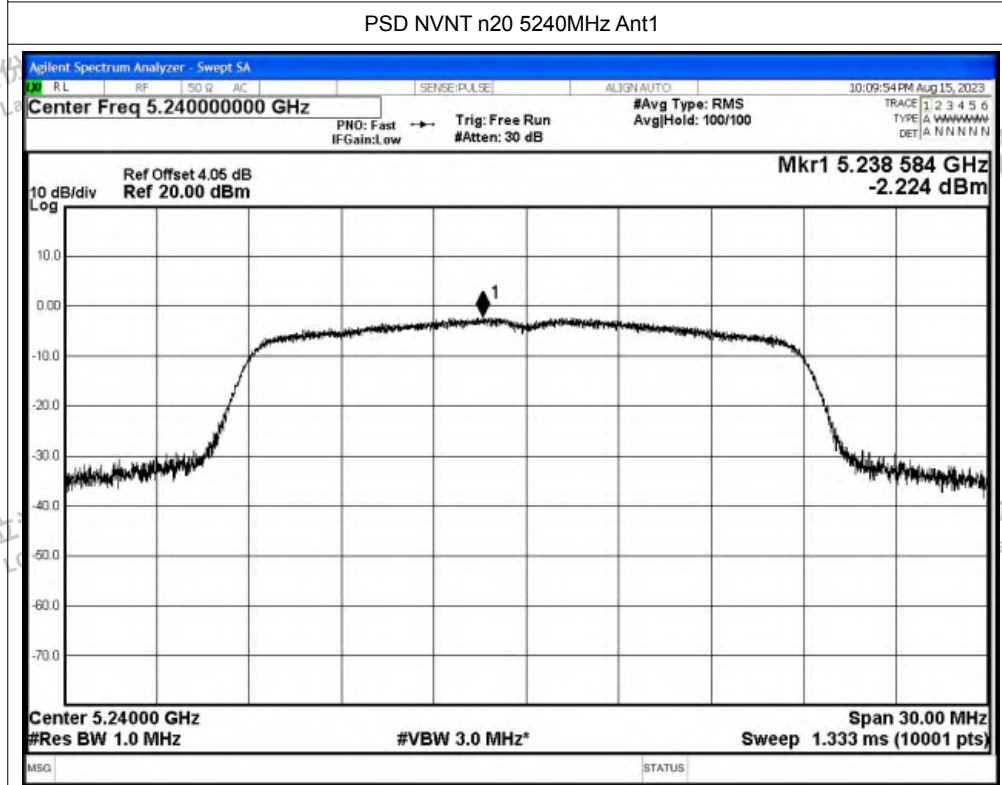
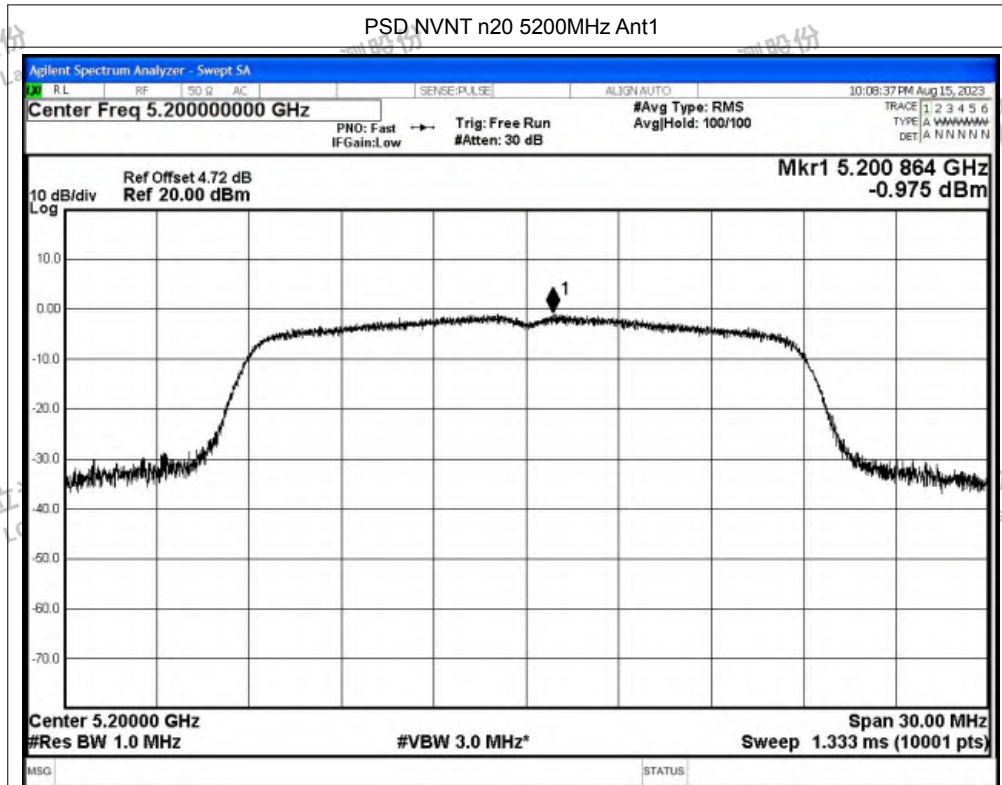


PSD NVNT a 5240MHz Ant1



PSD NVNT n20 5180MHz Ant1



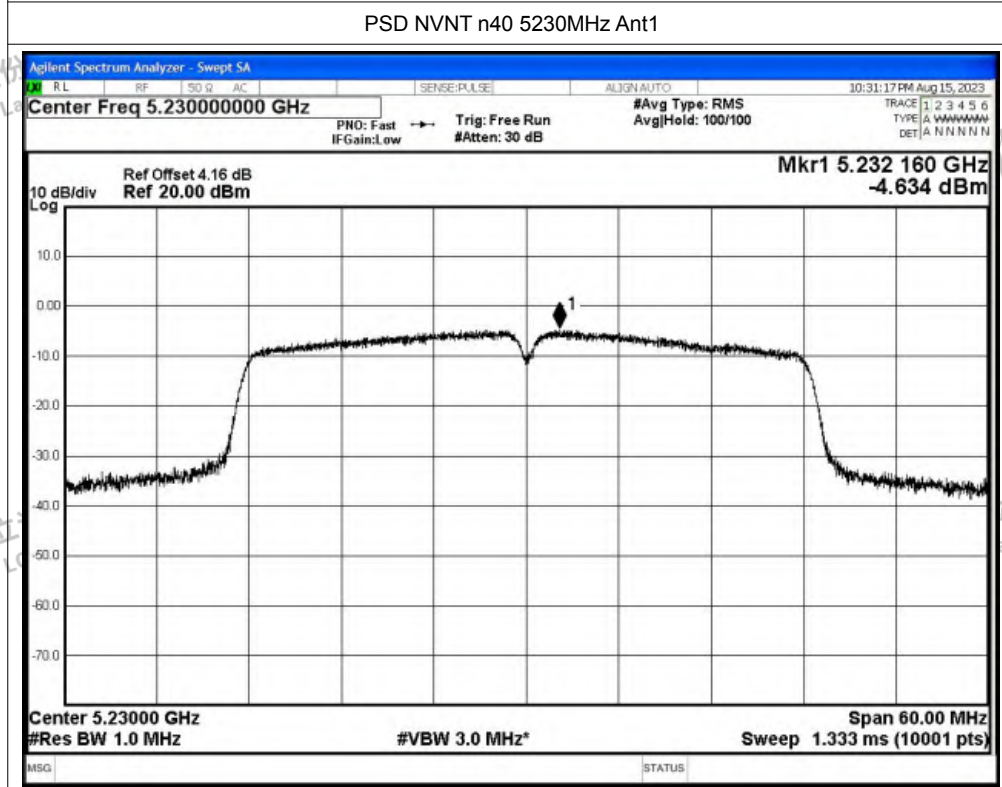
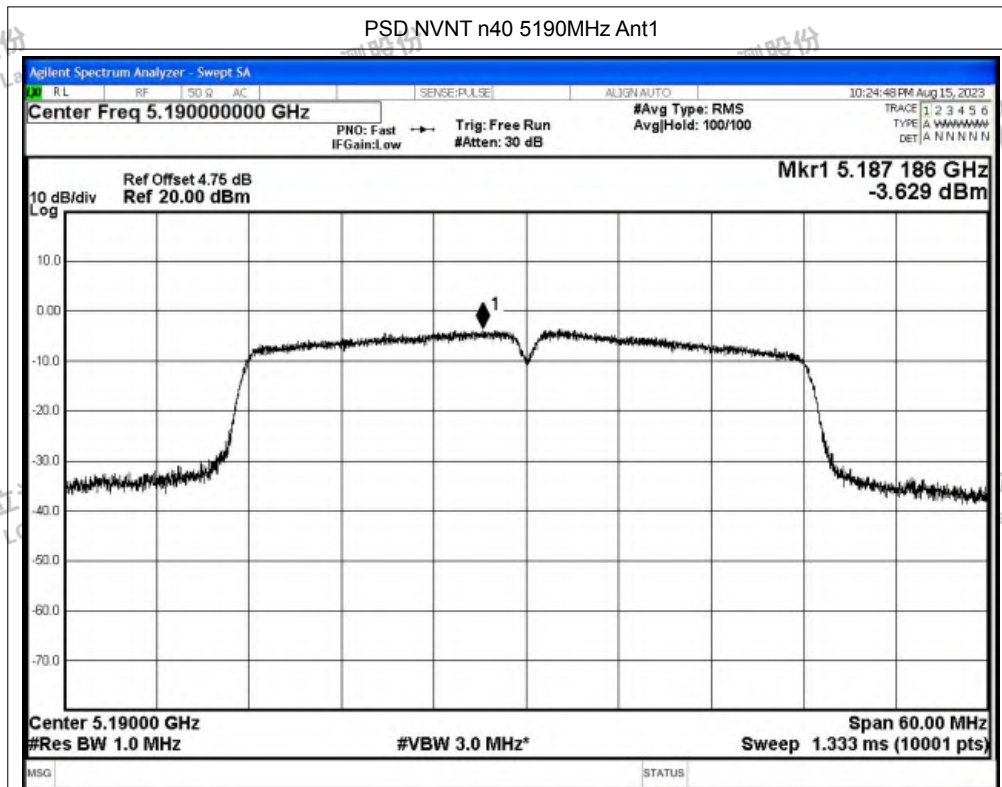


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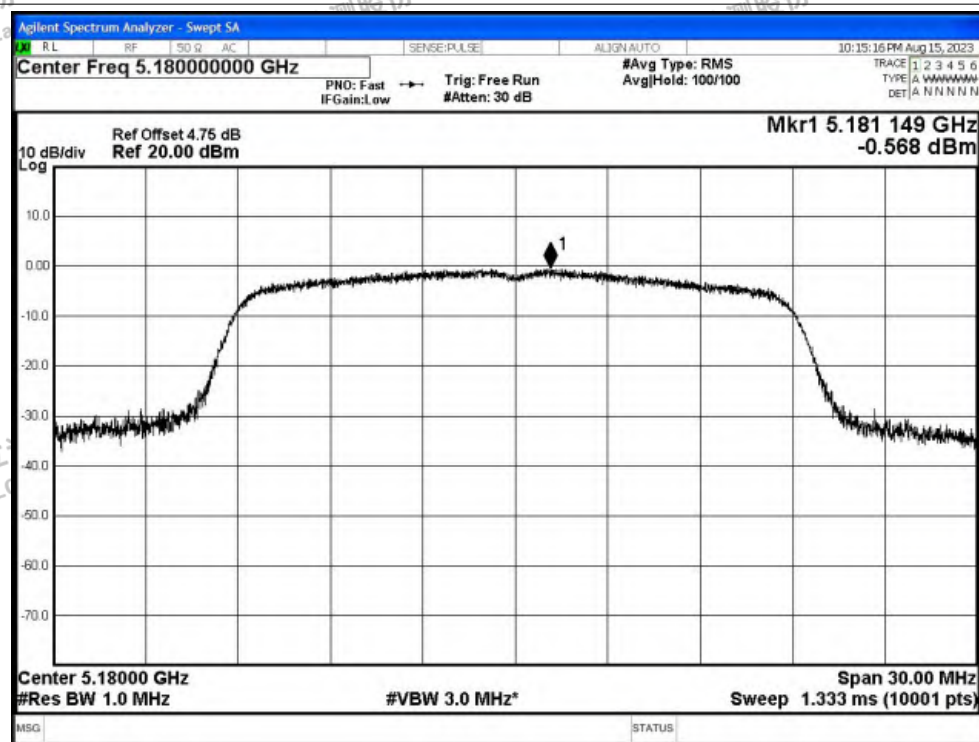
Add: 101, 201 Bldg A & 301 Bldg C, Juji Industrial Park Yabianxueziwei, Shajing Street, Baoan District, Shenzhen, 518000, China

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

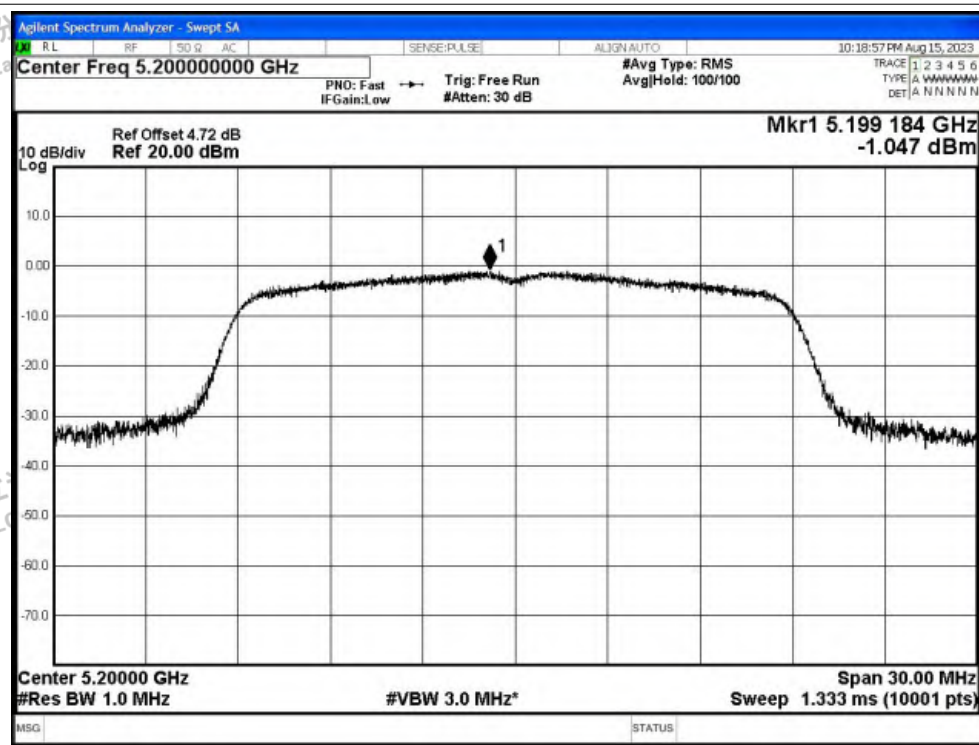
Scan code to check authenticity



PSD NVNT ac20 5180MHz Ant1



PSD NVNT ac20 5200MHz Ant1



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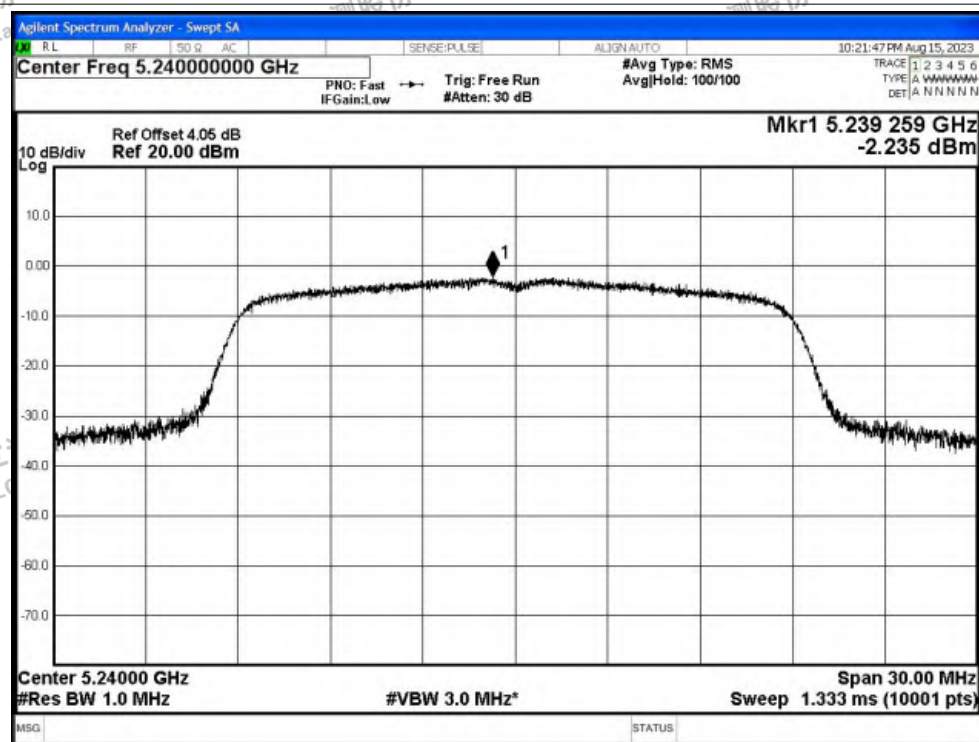
Add: 101, 201 Bldg A & 301 Bldg C, Juji Industrial Park Yabianxueziwei, Shajing Street, Baoan District, Shenzhen, 518000, China

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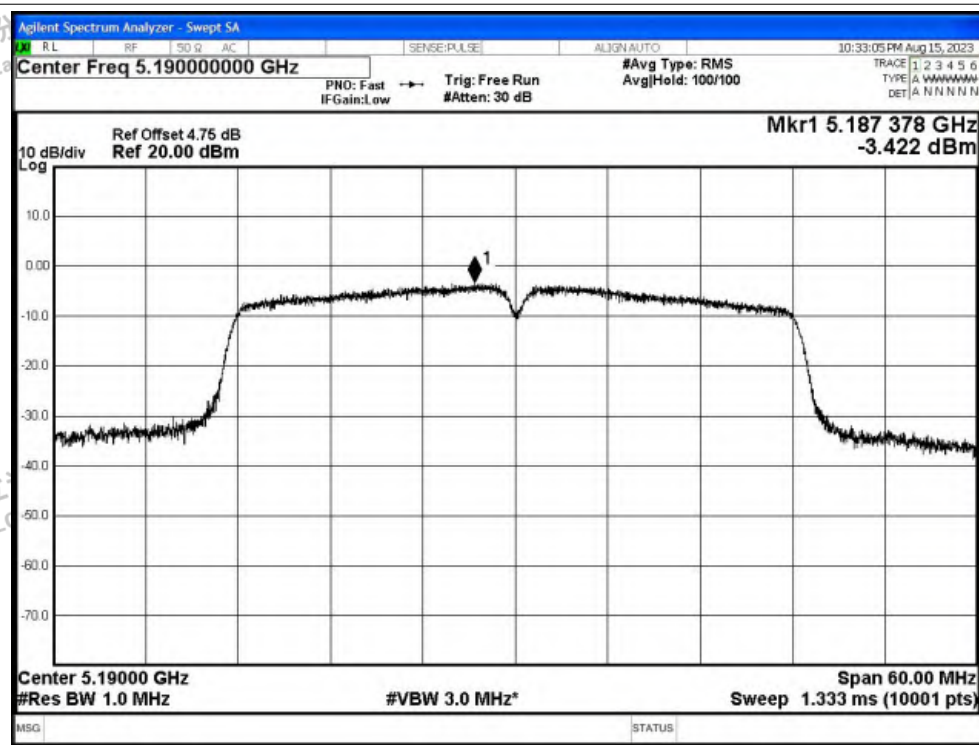
Scan code to check authenticity



PSD NVNT ac20 5240MHz Ant1



PSD NVNT ac40 5190MHz Ant1



Shenzhen LCS Compliance Testing Laboratory Ltd.

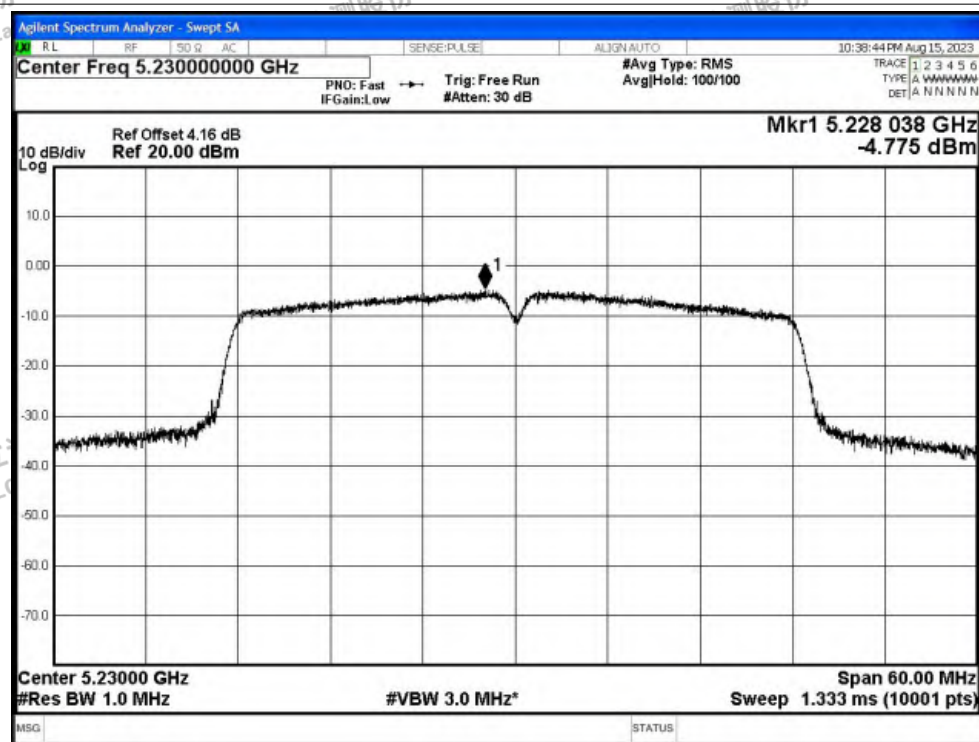
Add: 101, 201 Bldg A & 301 Bldg C, Juji Industrial Park Yabianxueziwei, Shajing Street, Baoan District, Shenzhen, 518000, China

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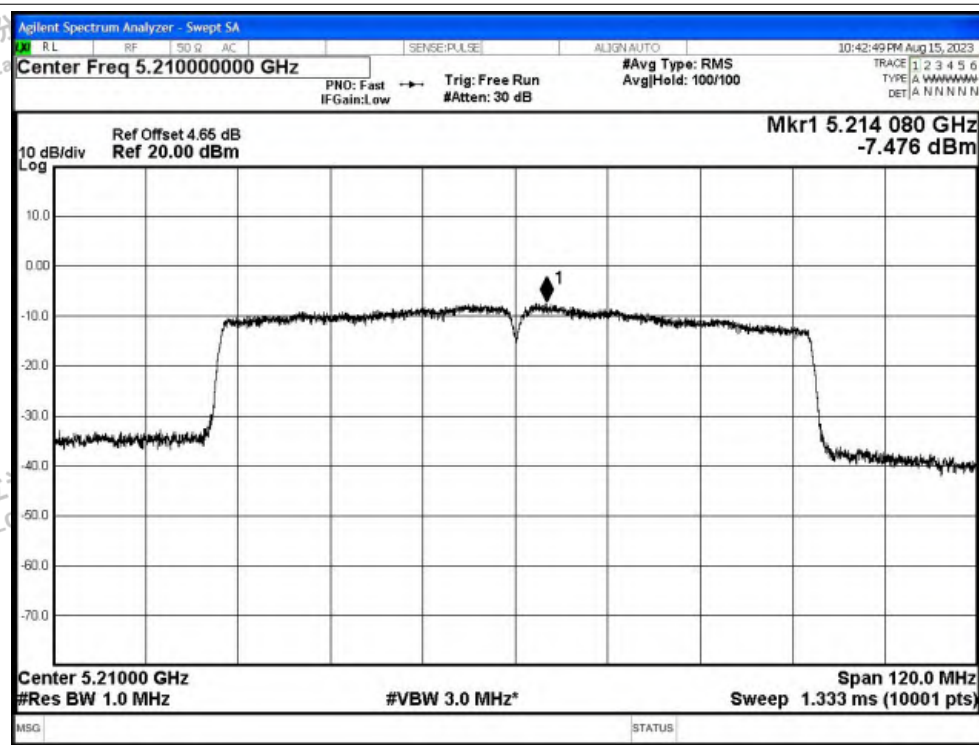
Scan code to check authenticity



PSD NVNT ac40 5230MHz Ant1



PSD NVNT ac80 5210MHz Ant1



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D.4 Restrict Band

Condition	Mode	Frequency (MHz)	Antenna	Spur Freq (MHz)	Power (dBm)	Gain (dBi)	E (dBuV/m)	Detector	Limit (dBuV/m)	Verdict
NVNT	a	5180	Ant1	4500	-49.09	2	48.14	Peak	68.2	Pass
NVNT	a	5180	Ant1	4500	-56.25	2	40.98	Average	54	Pass
NVNT	a	5180	Ant1	5149.6	-38.88	2	58.35	Peak	68.2	Pass
NVNT	a	5180	Ant1	5149.6	-46.98	2	50.25	Average	54	Pass
NVNT	a	5180	Ant1	5150	-40.84	2	56.39	Peak	68.2	Pass
NVNT	a	5180	Ant1	5150	-46.24	2	50.99	Average	54	Pass
NVNT	a	5240	Ant1	5350	-47.79	2	49.44	Peak	68.2	Pass
NVNT	a	5240	Ant1	5350	-55.71	2	41.52	Average	54	Pass
NVNT	a	5240	Ant1	5439.84	-45.79	2	51.44	Peak	68.2	Pass
NVNT	a	5240	Ant1	5361.84	-47.55	2	49.68	Average	54	Pass
NVNT	a	5240	Ant1	5460	-47.94	2	49.29	Peak	68.2	Pass
NVNT	a	5240	Ant1	5460	-56.28	2	40.95	Average	54	Pass
NVNT	n20	5180	Ant1	4500	-50.05	2	47.18	Peak	68.2	Pass
NVNT	n20	5180	Ant1	4500	-56.32	2	40.91	Average	54	Pass
NVNT	n20	5180	Ant1	5149.6	-35.88	2	61.35	Peak	68.2	Pass
NVNT	n20	5180	Ant1	5149.6	-45.58	2	51.65	Average	54	Pass
NVNT	n20	5180	Ant1	5150	-35.2	2	62.03	Peak	68.2	Pass
NVNT	n20	5180	Ant1	5150	-46.15	2	51.08	Average	54	Pass
NVNT	n20	5240	Ant1	5350	-47.9	2	49.33	Peak	68.2	Pass
NVNT	n20	5240	Ant1	5350	-55.79	2	41.44	Average	54	Pass
NVNT	n20	5240	Ant1	5380.8	-46.07	2	51.16	Peak	68.2	Pass
NVNT	n20	5240	Ant1	5406.24	-55.15	2	42.08	Average	54	Pass
NVNT	n20	5240	Ant1	5460	-50.15	2	47.08	Peak	68.2	Pass
NVNT	n20	5240	Ant1	5460	-56.03	2	41.2	Average	54	Pass
NVNT	n40	5190	Ant1	4500	-48.15	2	49.08	Peak	68.2	Pass
NVNT	n40	5190	Ant1	4500	-56.04	2	41.19	Average	54	Pass
NVNT	n40	5190	Ant1	5149.7	-41.52	2	55.71	Peak	68.2	Pass
NVNT	n40	5190	Ant1	5148.97	-51.12	2	46.11	Average	54	Pass
NVNT	n40	5190	Ant1	5150	-41.52	2	55.71	Peak	68.2	Pass
NVNT	n40	5190	Ant1	5150	-51.14	2	46.09	Average	54	Pass
NVNT	n40	5230	Ant1	5350	-47.51	2	49.72	Peak	68.2	Pass
NVNT	n40	5230	Ant1	5350	-55.23	2	42	Average	54	Pass
NVNT	n40	5230	Ant1	5372.25	-45.66	2	51.57	Peak	68.2	Pass
NVNT	n40	5230	Ant1	5380.89	-54.84	2	42.39	Average	54	Pass
NVNT	n40	5230	Ant1	5460	-47.71	2	49.52	Peak	68.2	Pass
NVNT	n40	5230	Ant1	5460	-55.82	2	41.41	Average	54	Pass
NVNT	ac20	5180	Ant1	4500	-47.53	2	49.7	Peak	68.2	Pass
NVNT	ac20	5180	Ant1	4500	-56.25	2	40.98	Average	54	Pass
NVNT	ac20	5180	Ant1	5146.8	-37.23	2	60	Peak	68.2	Pass



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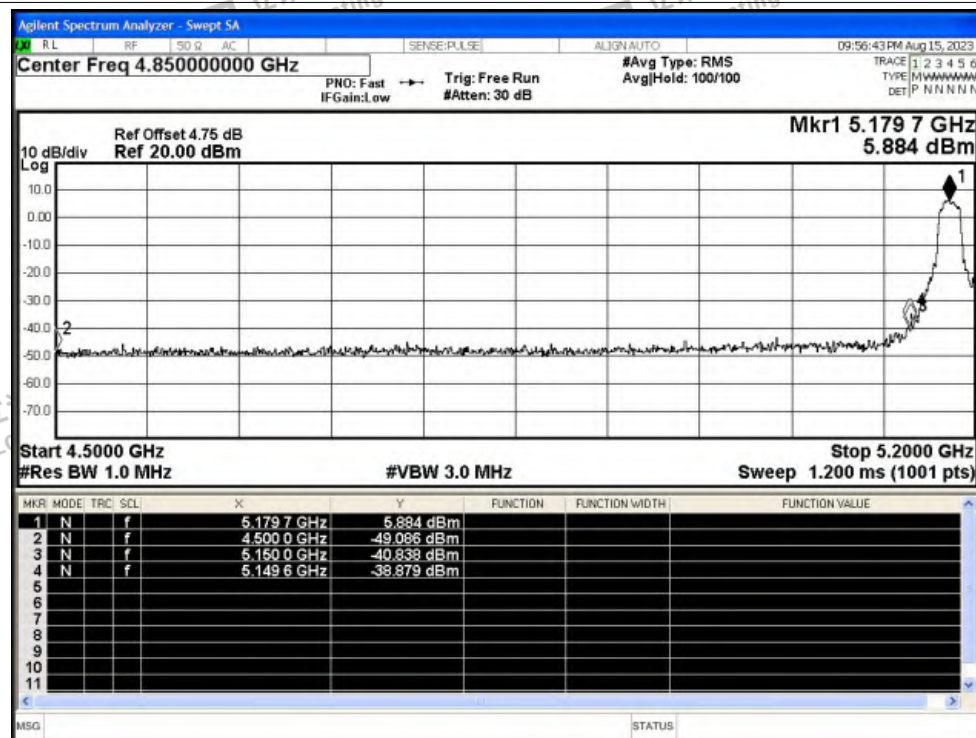
NVNT	ac20	5180	Ant1	5149.6	-46.44	2	50.79	Average	54	Pass
NVNT	ac20	5180	Ant1	5150	-36.95	2	60.28	Peak	68.2	Pass
NVNT	ac20	5180	Ant1	5150	-46.08	2	51.15	Average	54	Pass
NVNT	ac20	5240	Ant1	5350	-47.66	2	49.57	Peak	68.2	Pass
NVNT	ac20	5240	Ant1	5350	-55.81	2	41.42	Average	54	Pass
NVNT	ac20	5240	Ant1	5400.96	-45.6	2	51.63	Peak	68.2	Pass
NVNT	ac20	5240	Ant1	5382	-50.07	2	47.16	Average	54	Pass
NVNT	ac20	5240	Ant1	5460	-48.1	2	49.13	Peak	68.2	Pass
NVNT	ac20	5240	Ant1	5460	-56.12	2	41.11	Average	54	Pass
NVNT	ac40	5190	Ant1	4500	-47.51	2	49.72	Peak	68.2	Pass
NVNT	ac40	5190	Ant1	4500	-55.97	2	41.26	Average	54	Pass
NVNT	ac40	5190	Ant1	5149.7	-42.6	2	54.63	Peak	68.2	Pass
NVNT	ac40	5190	Ant1	5148.24	-50.98	2	46.25	Average	54	Pass
NVNT	ac40	5190	Ant1	5150	-42.6	2	54.63	Peak	68.2	Pass
NVNT	ac40	5190	Ant1	5150	-51.01	2	46.22	Average	54	Pass
NVNT	ac40	5230	Ant1	5350	-49.21	2	48.02	Peak	68.2	Pass
NVNT	ac40	5230	Ant1	5350	-55.3	2	41.93	Average	54	Pass
NVNT	ac40	5230	Ant1	5351.46	-45.69	2	51.54	Peak	68.2	Pass
NVNT	ac40	5230	Ant1	5393.85	-54.88	2	42.35	Average	54	Pass
NVNT	ac40	5230	Ant1	5460	-49.39	2	47.84	Peak	68.2	Pass
NVNT	ac40	5230	Ant1	5460	-55.84	2	41.39	Average	54	Pass
NVNT	ac80	5210	Ant1	5350	-41.43	2	55.8	Peak	68.2	Pass
NVNT	ac80	5210	Ant1	5350	-49.75	2	47.48	Average	54	Pass
NVNT	ac80	5210	Ant1	5360.01	-40.44	2	56.79	Peak	68.2	Pass
NVNT	ac80	5210	Ant1	5350.77	-49.22	2	48.01	Average	54	Pass
NVNT	ac80	5210	Ant1	5460	-48.32	2	48.91	Peak	68.2	Pass
NVNT	ac80	5210	Ant1	5460	-54.53	2	42.7	Average	54	Pass
NVNT	ac80	5210	Ant1	4500	-48.46	2	48.77	Peak	68.2	Pass
NVNT	ac80	5210	Ant1	4500	-55.91	2	41.32	Average	54	Pass
NVNT	ac80	5210	Ant1	5149.38	-41.24	2	55.99	Peak	68.2	Pass
NVNT	ac80	5210	Ant1	5149.38	-48.25	2	48.98	Average	54	Pass
NVNT	ac80	5210	Ant1	5150	-42.61	2	54.62	Peak	68.2	Pass
NVNT	ac80	5210	Ant1	5150	-48.43	2	48.8	Average	54	Pass



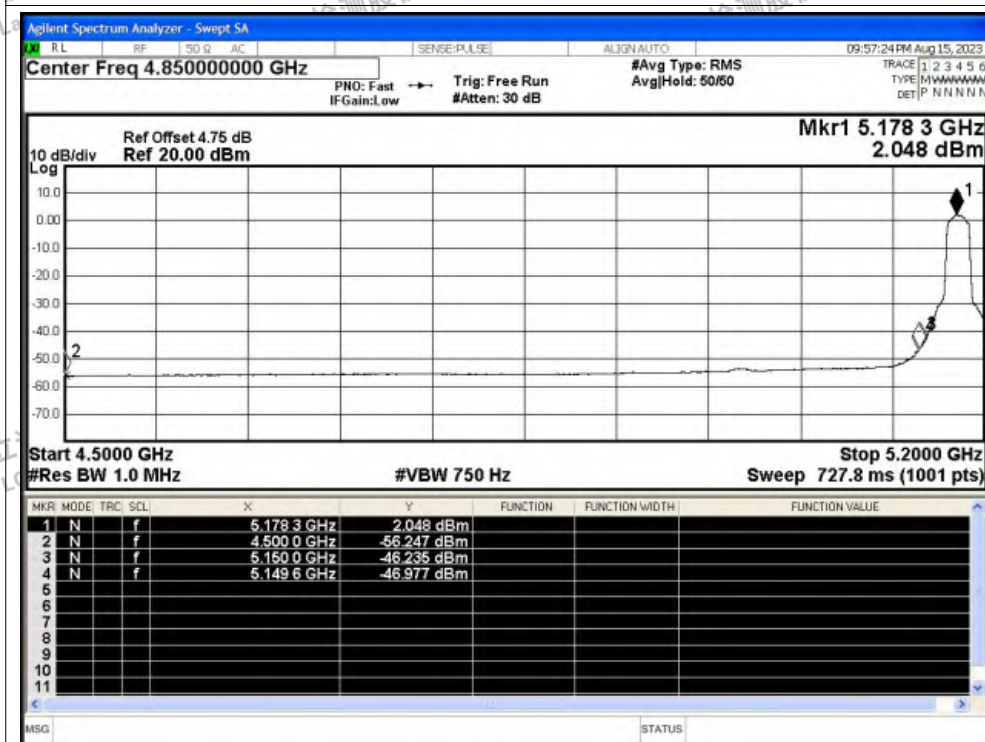


Test Graphs

Restrict Band NVNT a 5180MHz Ant1 Peak



Restrict Band NVNT a 5180MHz Ant1 Average



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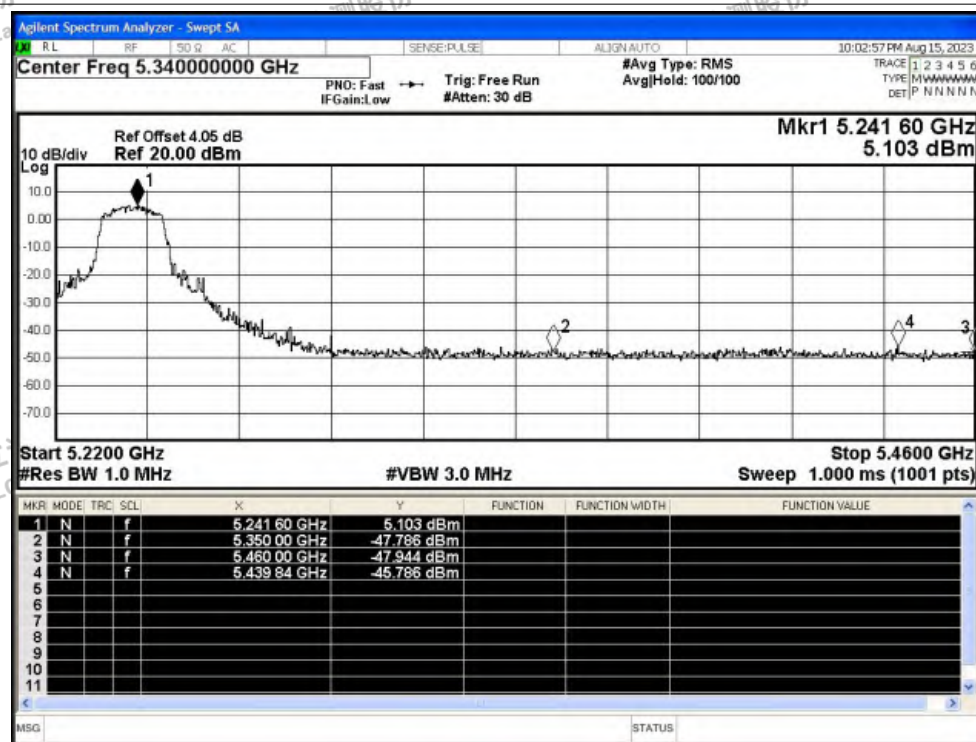
Add: 101, 201 Bldg A & 301 Bldg C, Juji Industrial Park Yabianxueziwei, Shajing Street, Baoan District, Shenzhen, 518000, China

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

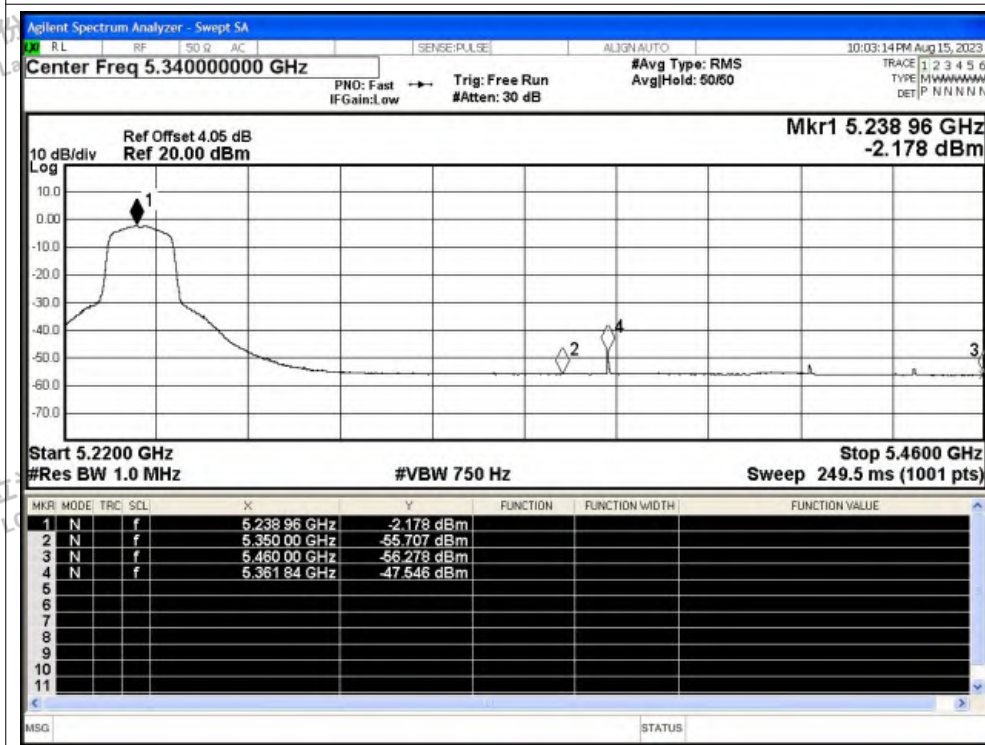
Scan code to check authenticity



Restrict Band NVNT a 5240MHz Ant1 Peak



Restrict Band NVNT a 5240MHz Ant1 Average



Shenzhen LCS Compliance Testing Laboratory Ltd.

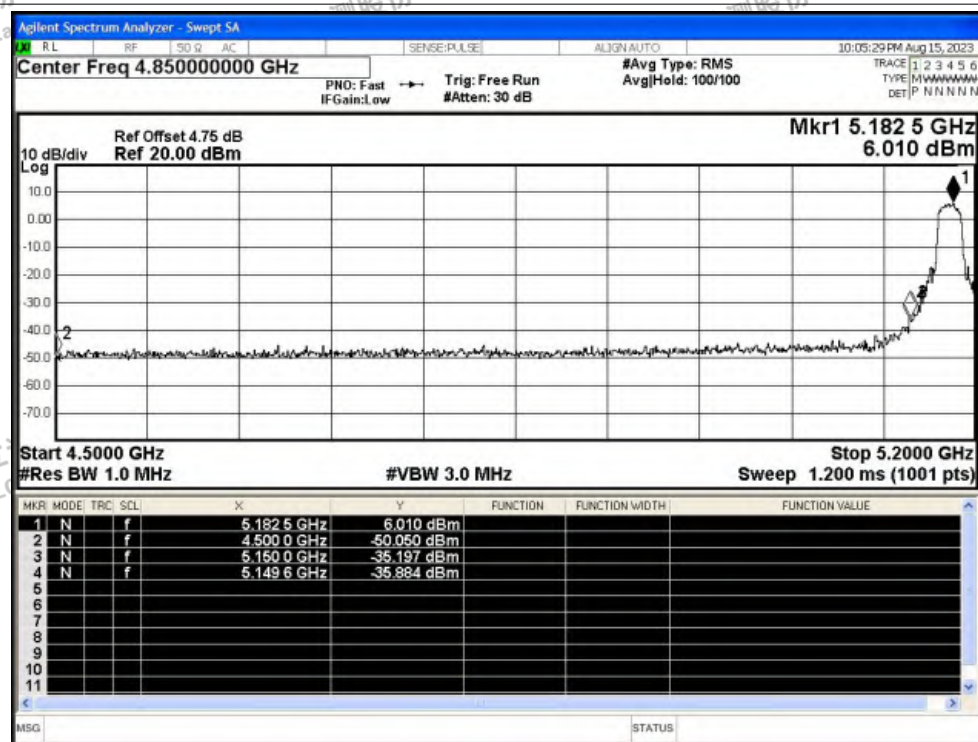
Add: 101, 201 Bldg A & 301 Bldg C, Juji Industrial Park Yabianxueziwei, Shajing Street, Baoan District, Shenzhen, 518000, China

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

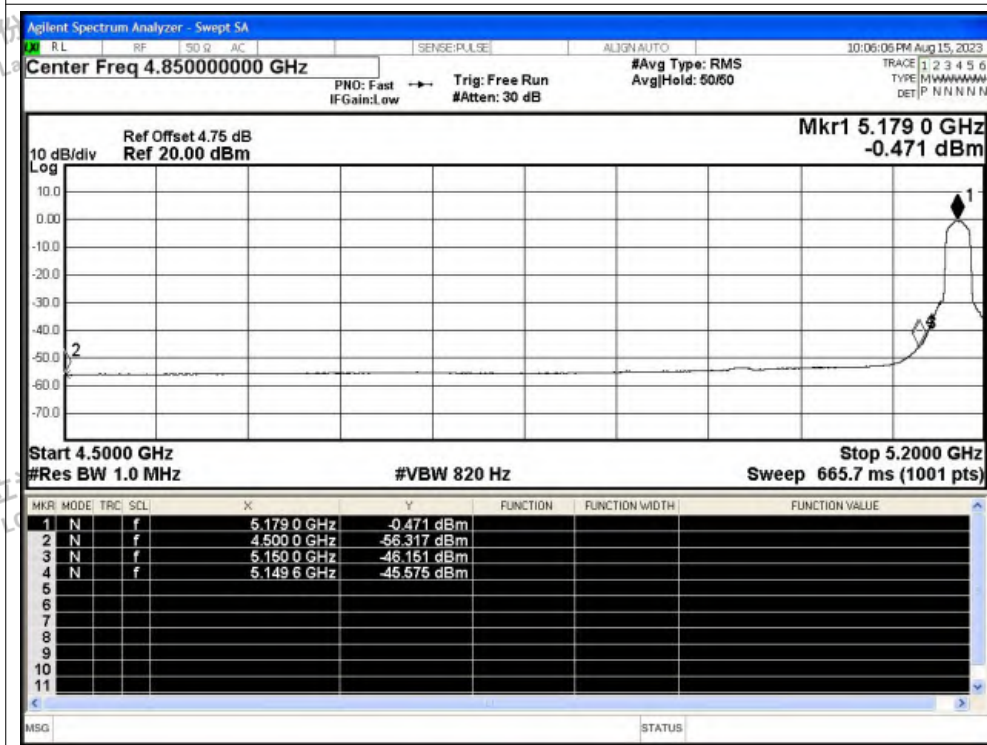
Scan code to check authenticity



Restrict Band NVNT n20 5180MHz Ant1 Peak



Restrict Band NVNT n20 5180MHz Ant1 Average



Shenzhen LCS Compliance Testing Laboratory Ltd.

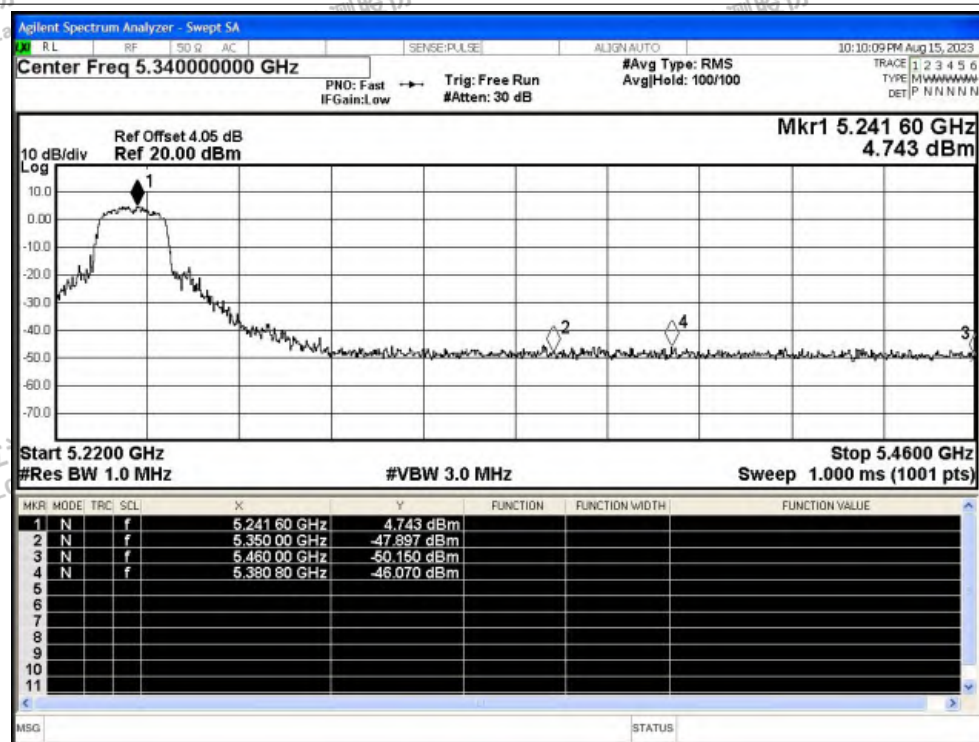
Add: 101, 201 Bldg A & 301 Bldg C, Juji Industrial Park Yabianxueziwei, Shajing Street, Baoan District, Shenzhen, 518000, China

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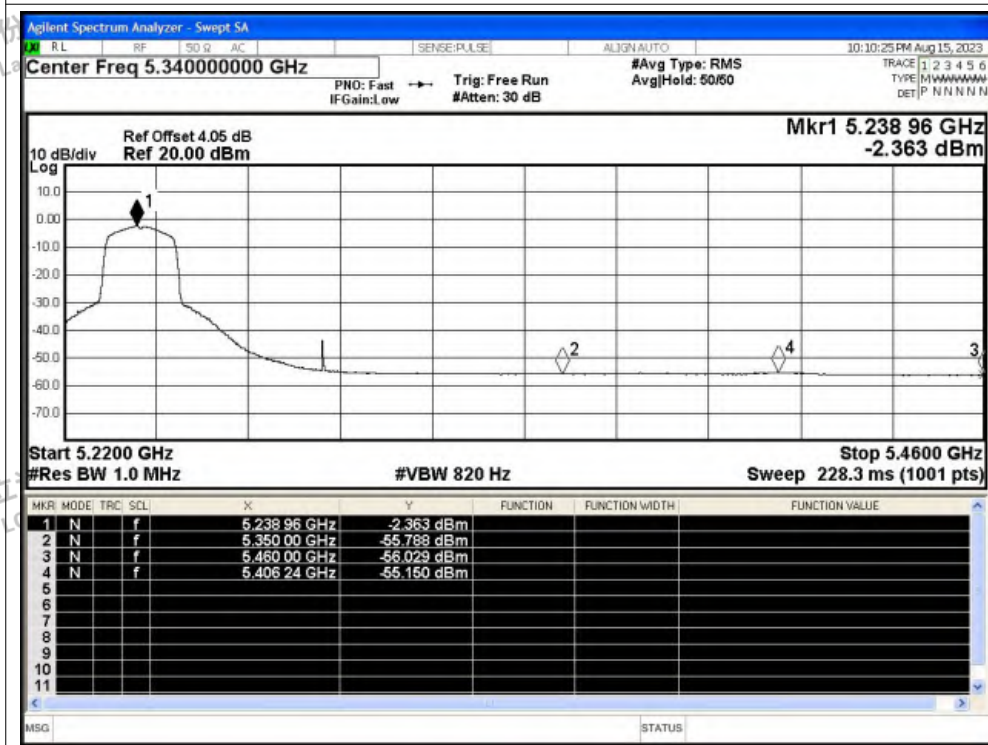
Scan code to check authenticity



Restrict Band NVNT n20 5240MHz Ant1 Peak



Restrict Band NVNT n20 5240MHz Ant1 Average



Shenzhen LCS Compliance Testing Laboratory Ltd.

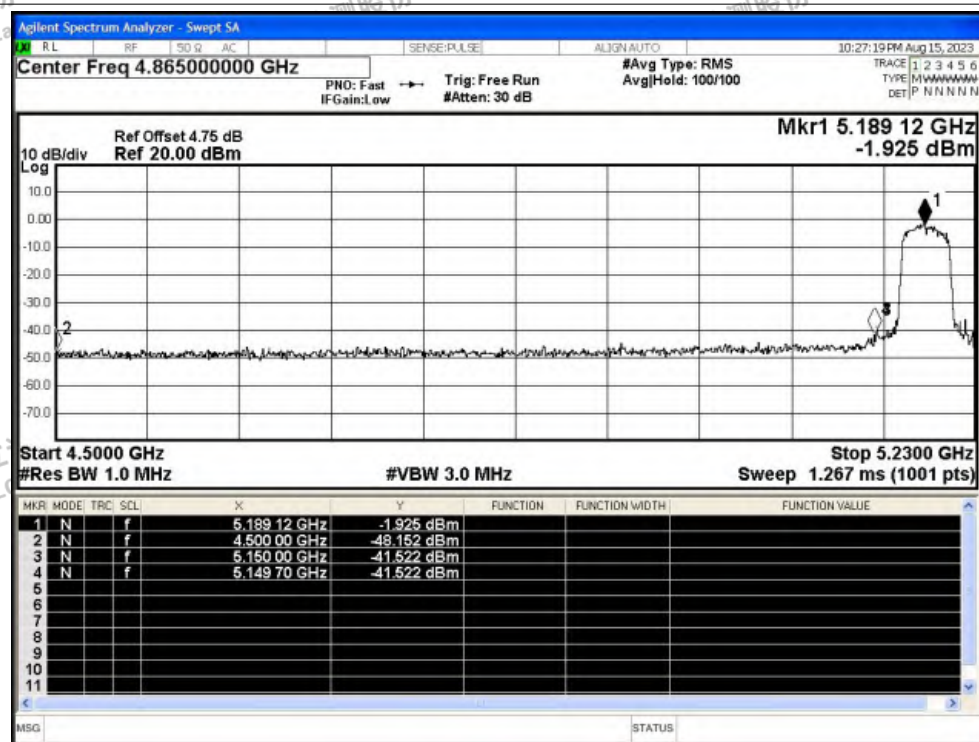
Add: 101, 201 Bldg A & 301 Bldg C, Juji Industrial Park Yabianxueziwei, Shajing Street, Baoan District, Shenzhen, 518000, China

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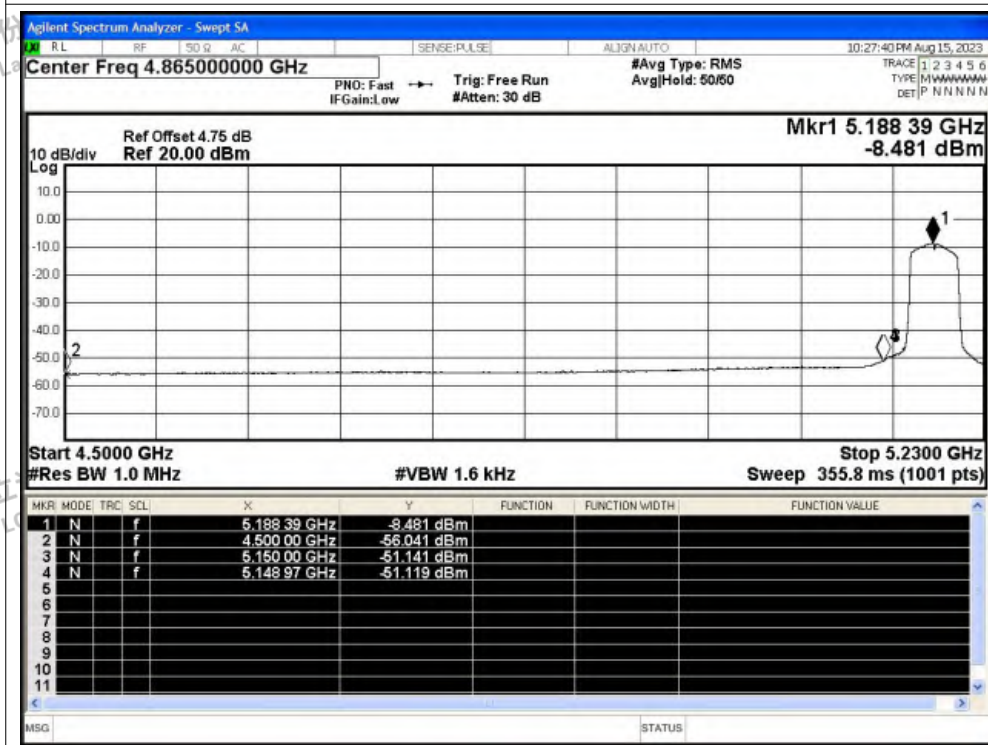
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Restrict Band NVNT n40 5190MHz Ant1 Peak



Restrict Band NVNT n40 5190MHz Ant1 Average



Shenzhen LCS Compliance Testing Laboratory Ltd.

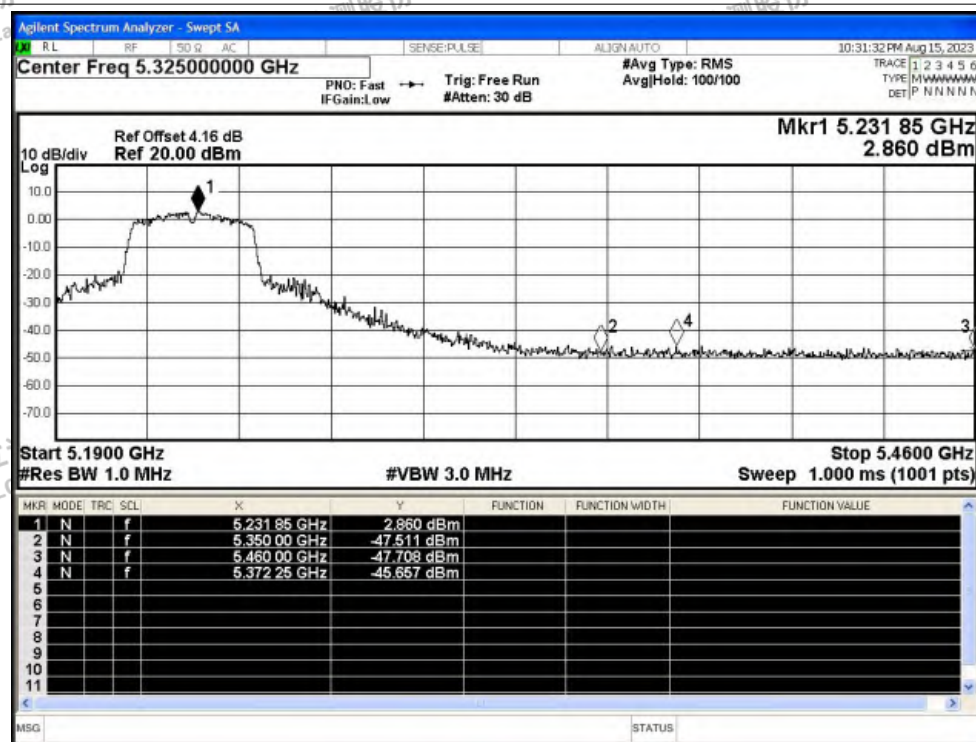
Add: 101, 201 Bldg A & 301 Bldg C, Juji Industrial Park Yabianxueziwei, Shajing Street, Baoan District, Shenzhen, 518000, China

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

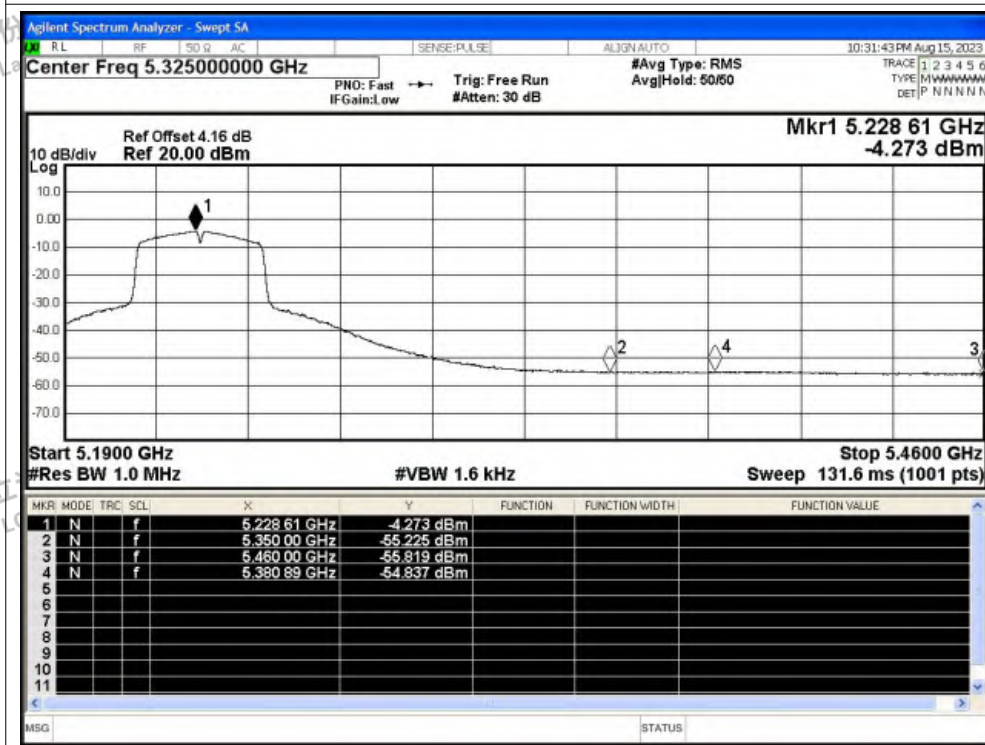
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Restrict Band NVNT n40 5230MHz Ant1 Peak



Restrict Band NVNT n40 5230MHz Ant1 Average



Shenzhen LCS Compliance Testing Laboratory Ltd.

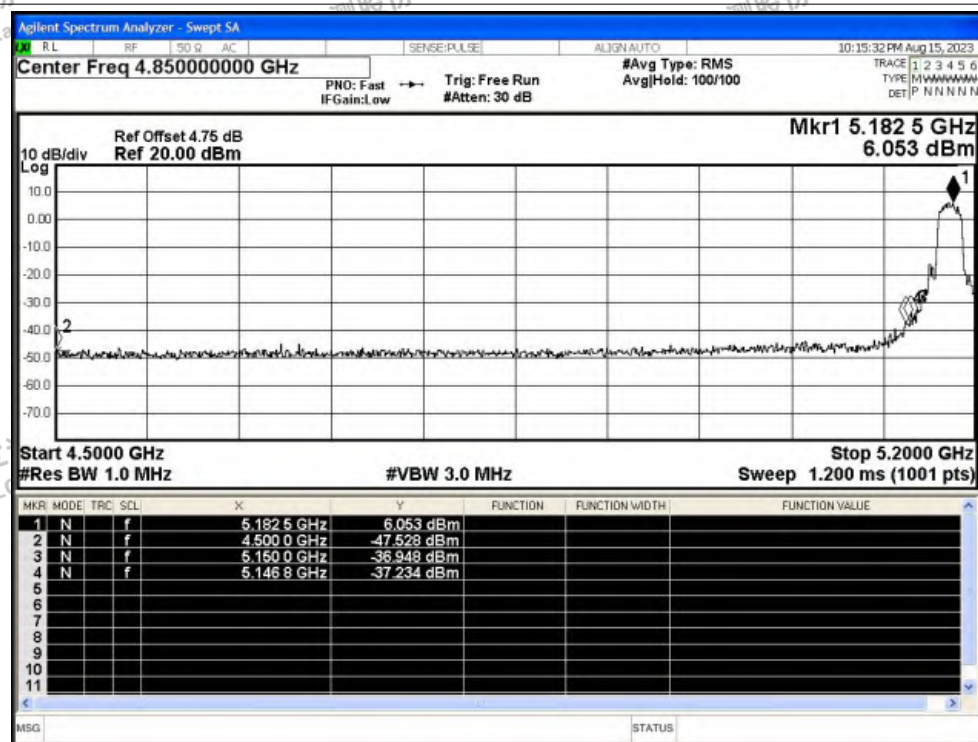
Add: 101, 201 Bldg A & 301 Bldg C, Juji Industrial Park Yabianxueziwei, Shajing Street, Baoan District, Shenzhen, 518000, China

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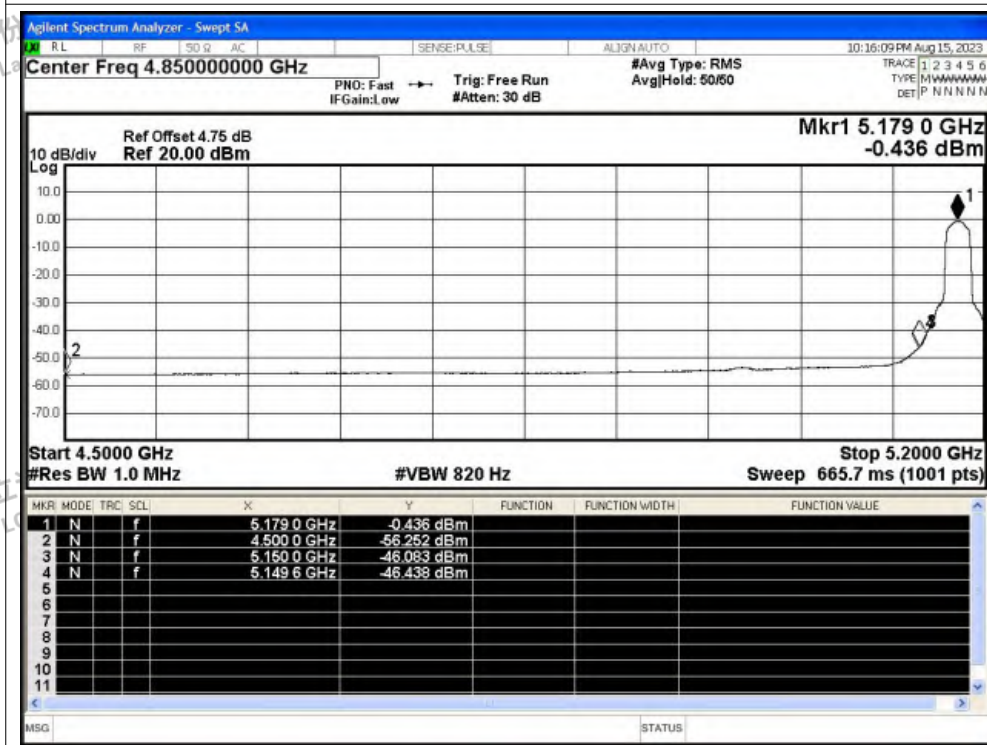
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Restrict Band NVNT ac20 5180MHz Ant1 Peak



Restrict Band NVNT ac20 5180MHz Ant1 Average



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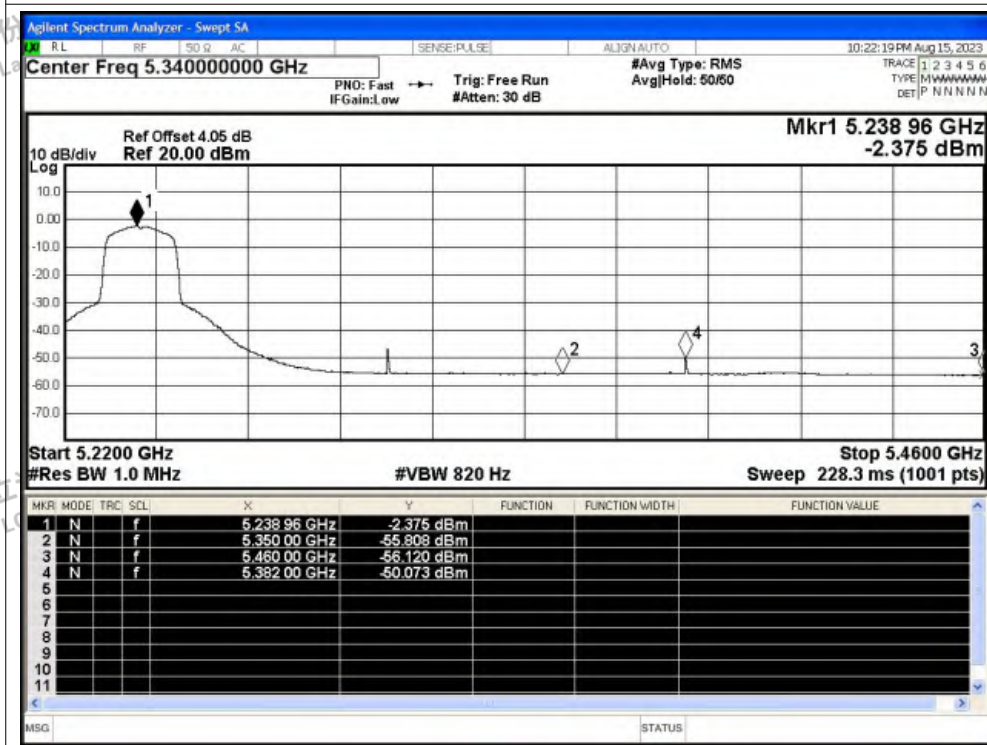
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Restrict Band NVNT ac20 5240MHz Ant1 Peak



Restrict Band NVNT ac20 5240MHz Ant1 Average



Shenzhen LCS Compliance Testing Laboratory Ltd.

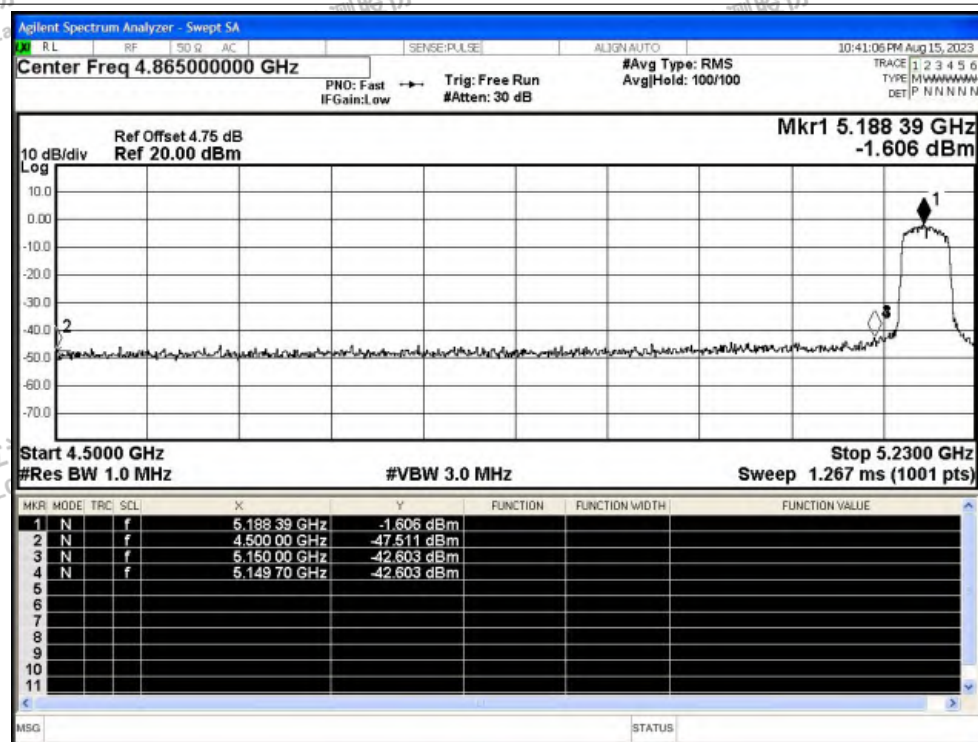
Add: 101, 201 Bldg A & 301 Bldg C, Juji Industrial Park Yabianxueziwei, Shajing Street, Baoan District, Shenzhen, 518000, China

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

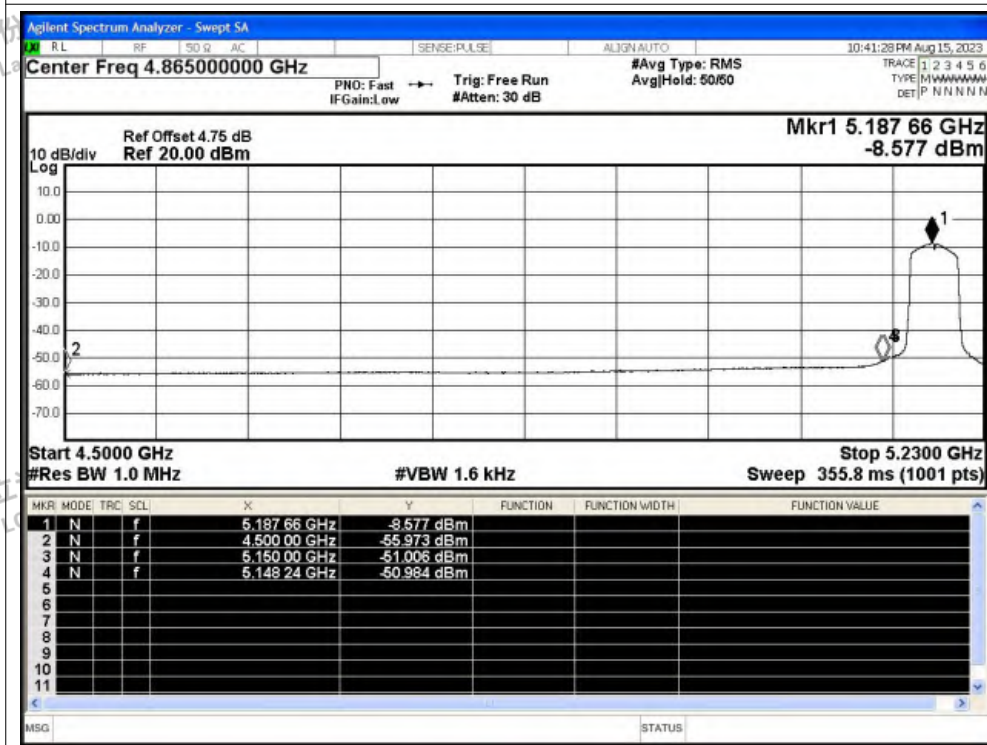
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Restrict Band NVNT ac40 5190MHz Ant1 Peak



Restrict Band NVNT ac40 5190MHz Ant1 Average



Shenzhen LCS Compliance Testing Laboratory Ltd.

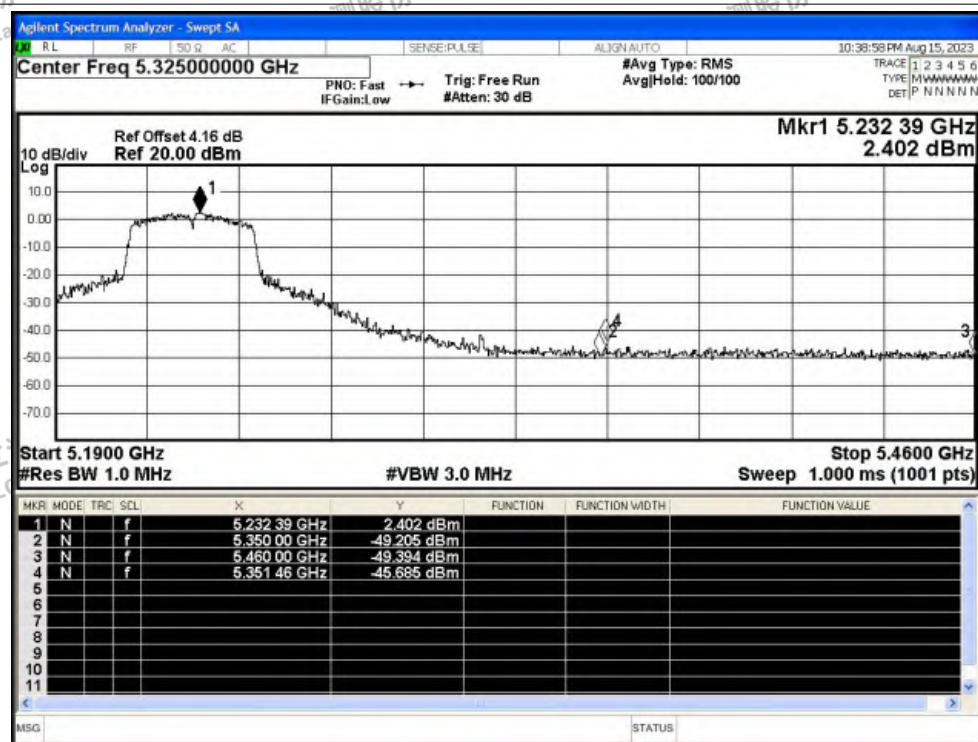
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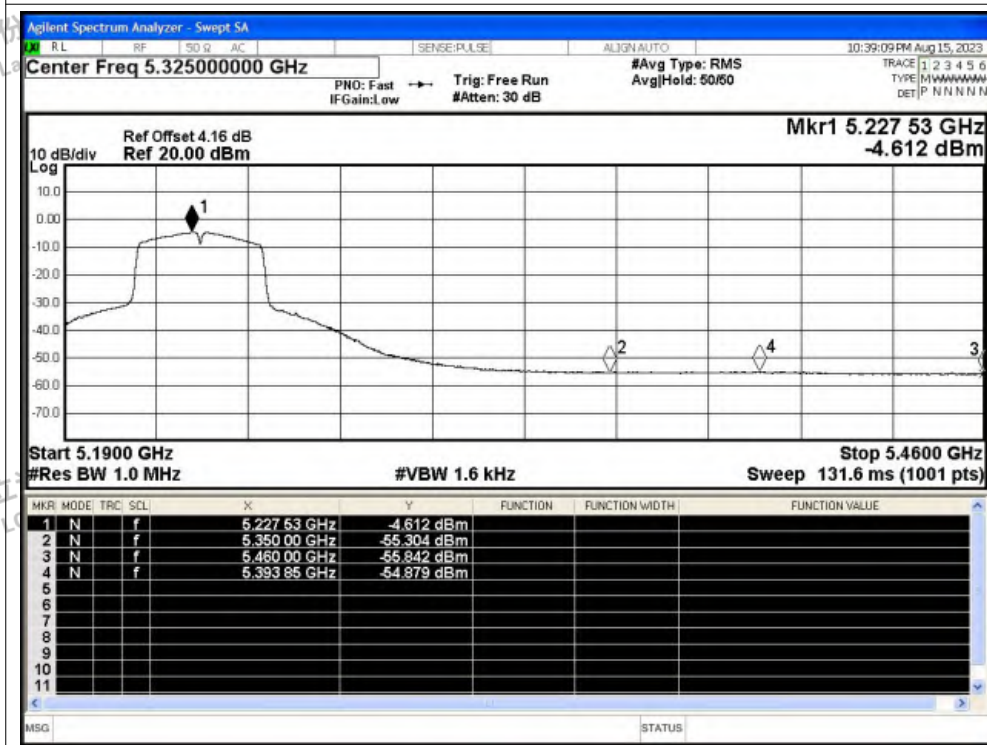
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Restrict Band NVNT ac40 5230MHz Ant1 Peak



Restrict Band NVNT ac40 5230MHz Ant1 Average



Shenzhen LCS Compliance Testing Laboratory Ltd.

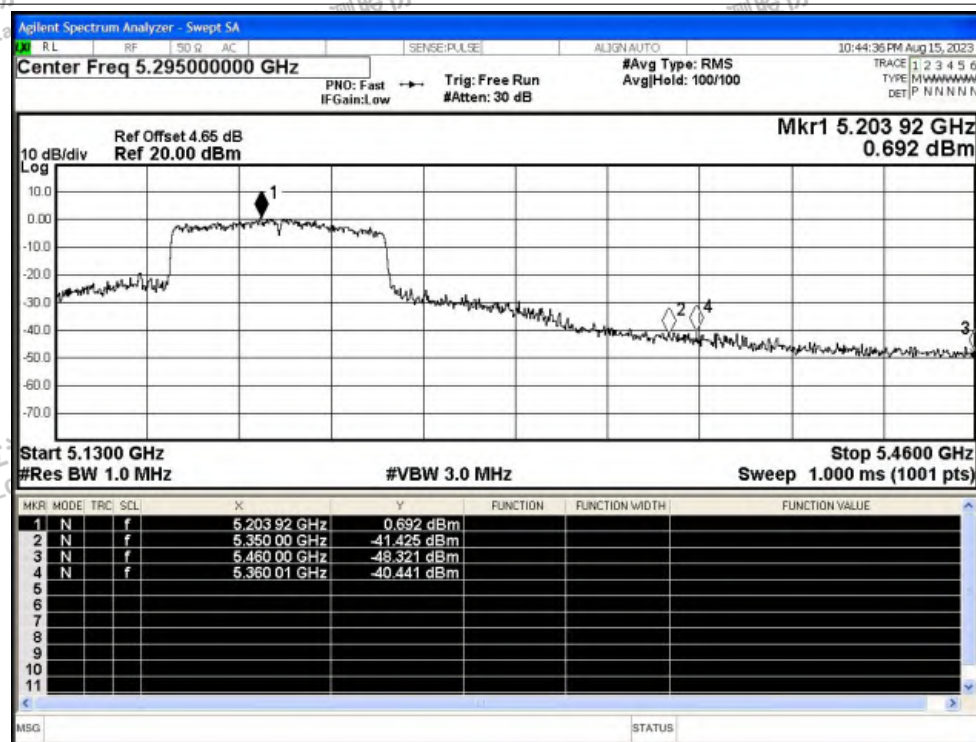
Add: 101, 201 Bldg A & 301 Bldg C, Juji Industrial Park Yabianxueziwei, Shajing Street, Baoan District, Shenzhen, 518000, China

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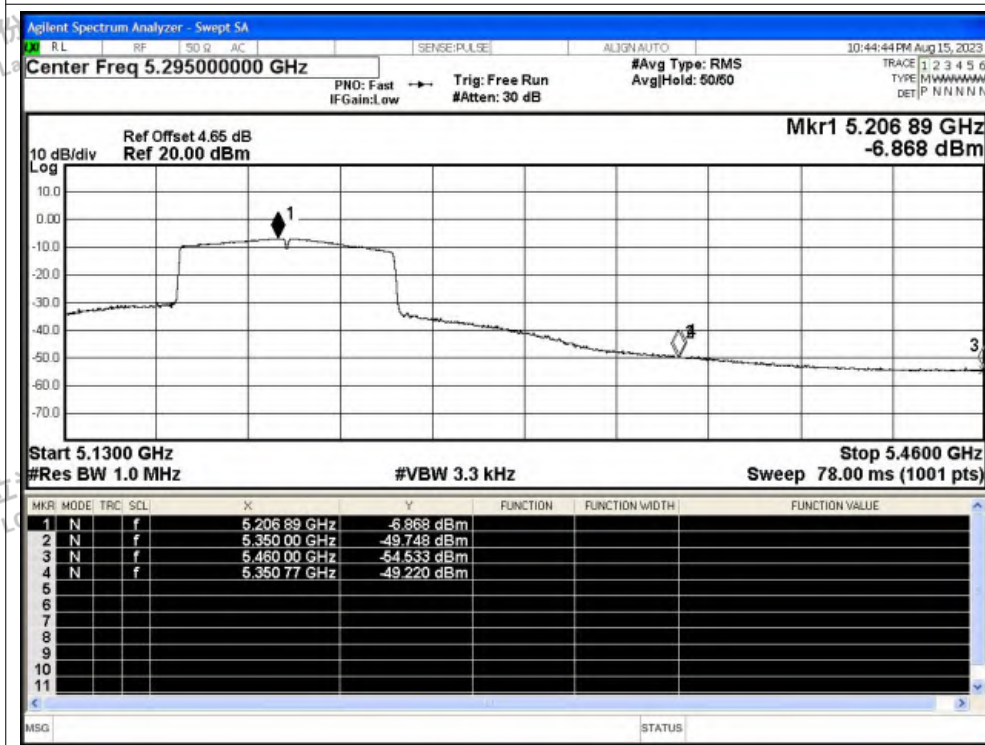
Scan code to check authenticity



Restrict Band NVNT ac80 5210MHz Ant1 Peak



Restrict Band NVNT ac80 5210MHz Ant1 Average



Shenzhen LCS Compliance Testing Laboratory Ltd.

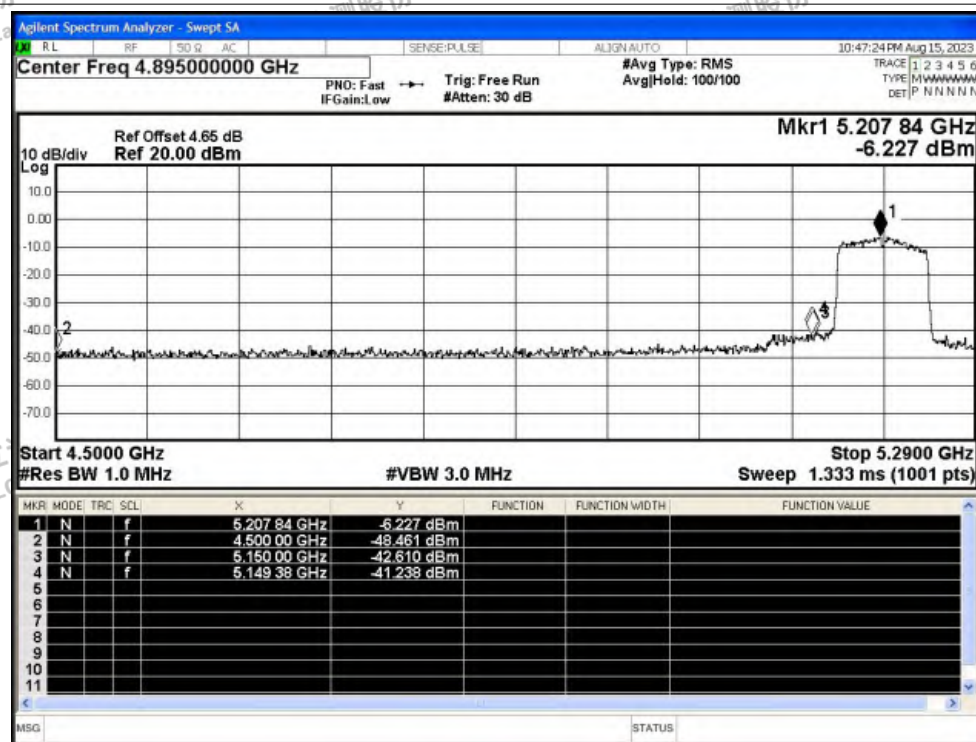
Add: 101, 201 Bldg A & 301 Bldg C, Juji Industrial Park Yabianxueziwei, Shajing Street, Baoan District, Shenzhen, 518000, China

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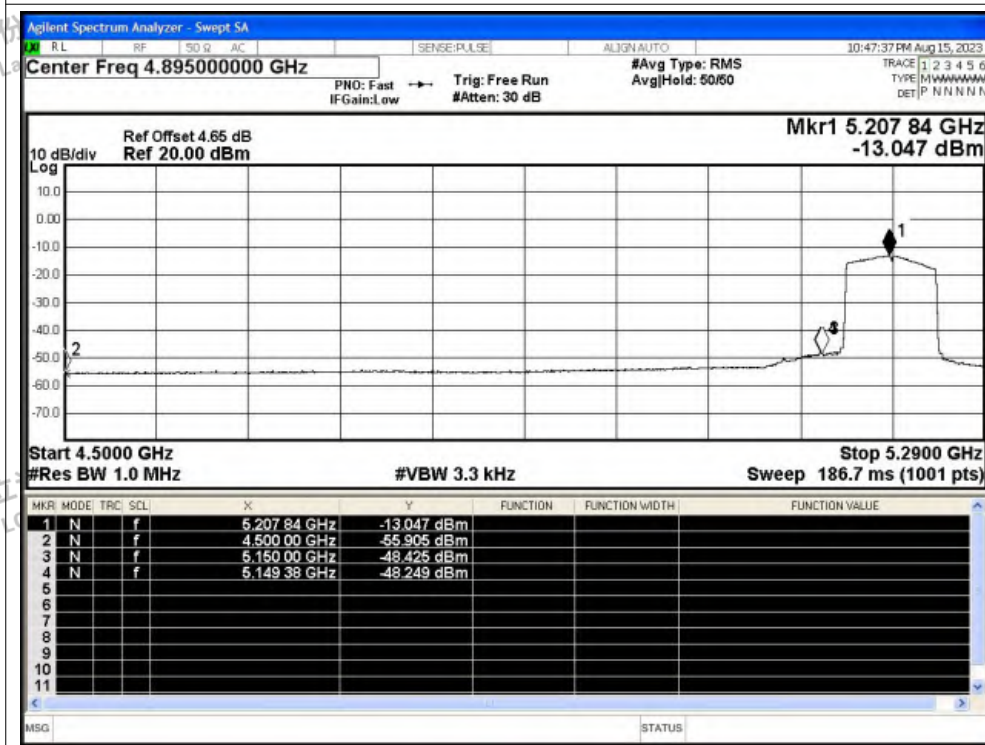
Scan code to check authenticity



Restrict Band NVNT ac80 5210MHz Ant1 Peak



Restrict Band NVNT ac80 5210MHz Ant1 Average



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D.5 Frequency Stability

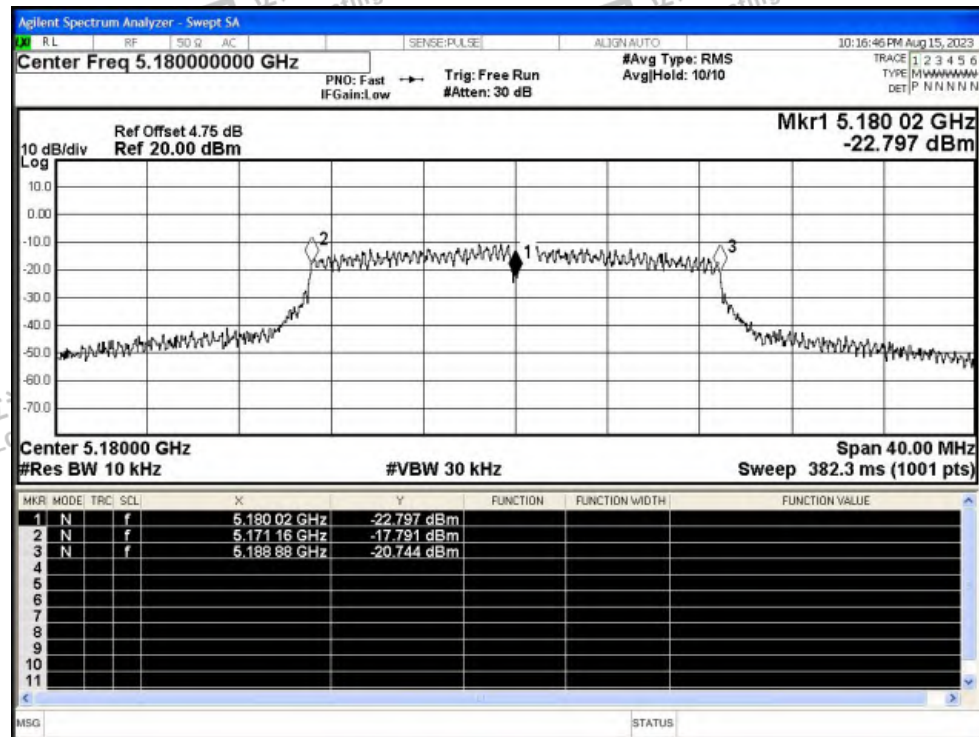
Condition	Mode	Frequency (MHz)	Antenna	Measured Frequency (MHz)	Frequency Error (Hz)	Deviation (ppm)	Limit (ppm)	Verdict
NVNT	ac20	5180	Ant1	5180.02	20000	3.86	25	Pass
NVNT	ac20	5200	Ant1	5200	0	0	25	Pass
NVNT	ac20	5240	Ant1	5240.02	20000	3.82	25	Pass
NVNT	ac40	5190	Ant1	5189.96	-40000	-7.71	25	Pass
NVNT	ac40	5230	Ant1	5229.92	-80000	-15.3	25	Pass
NVNT	ac80	5210	Ant1	5210	0	0	25	Pass



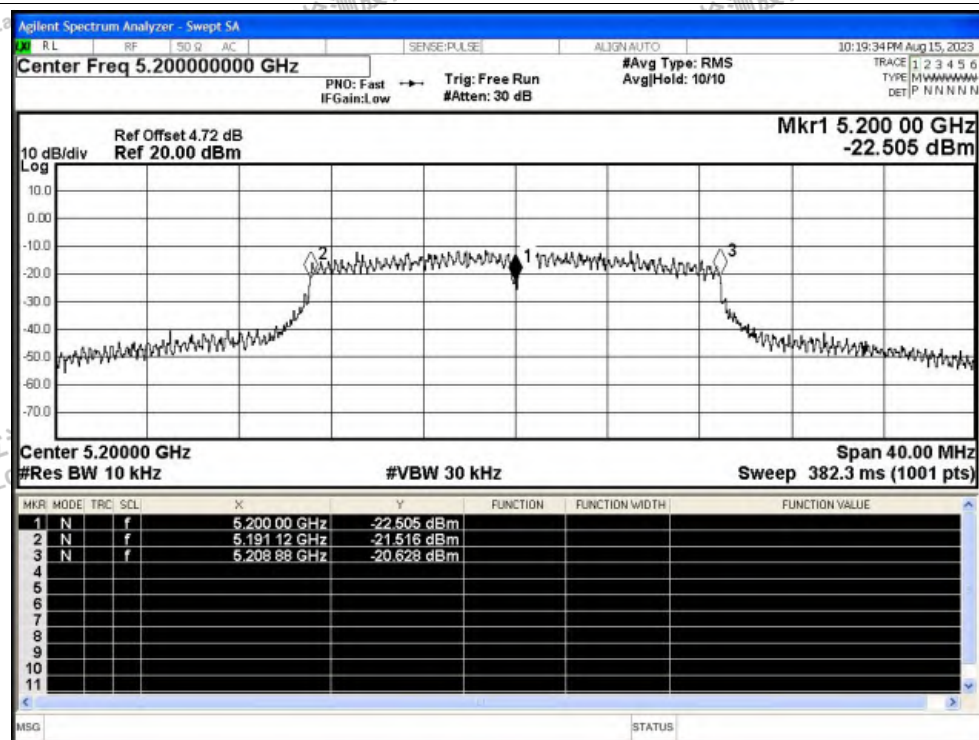


Test Graphs

Freq. Stability NVNT ac20 5180MHz Ant1



Freq. Stability NVNT ac20 5200MHz Ant1



Shenzhen LCS Compliance Testing Laboratory Ltd.

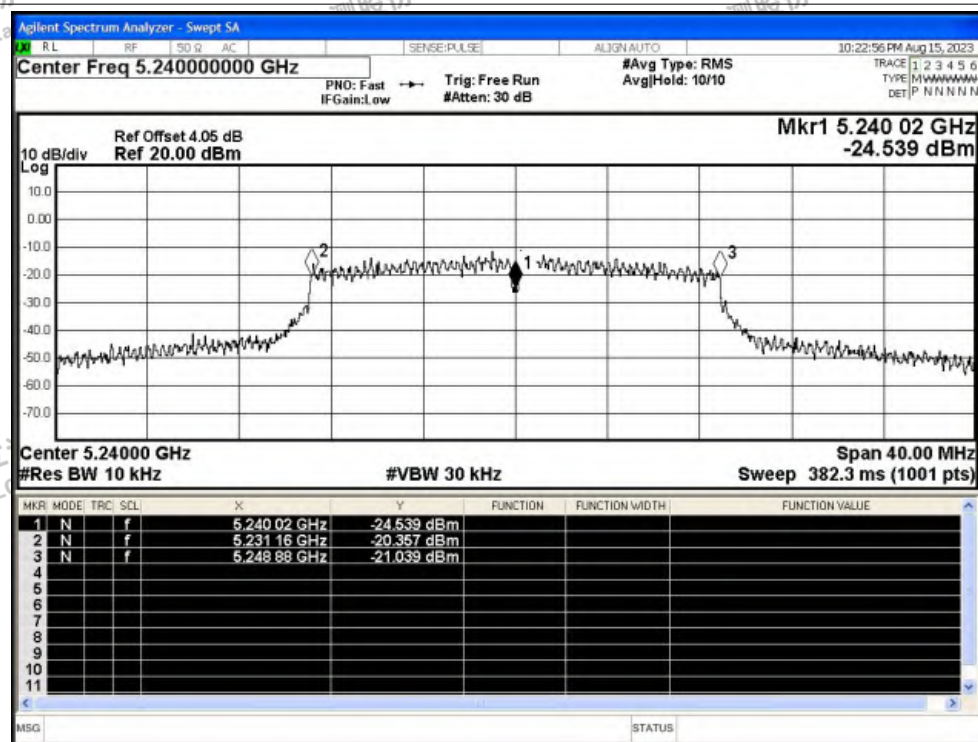
Add: 101, 201 Bldg A & 301 Bldg C, Juji Industrial Park Yabianxueziwei, Shajing Street, Baoan District, Shenzhen, 518000, China

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

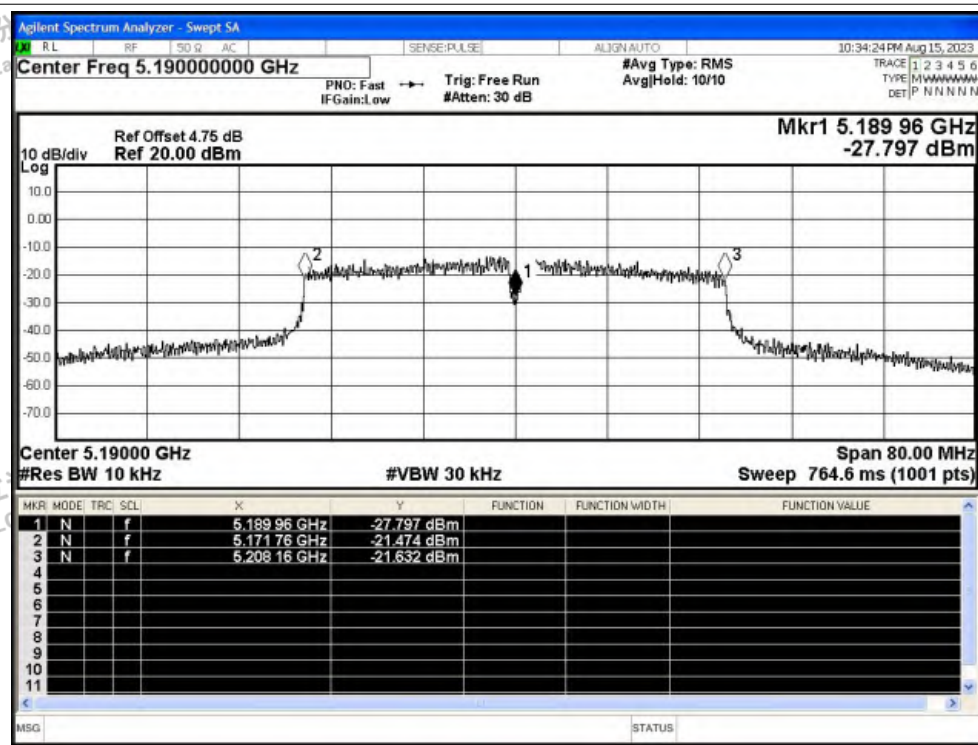
Scan code to check authenticity



Freq. Stability NVNT ac20 5240MHz Ant1



Freq. Stability NVNT ac40 5190MHz Ant1



Shenzhen LCS Compliance Testing Laboratory Ltd.

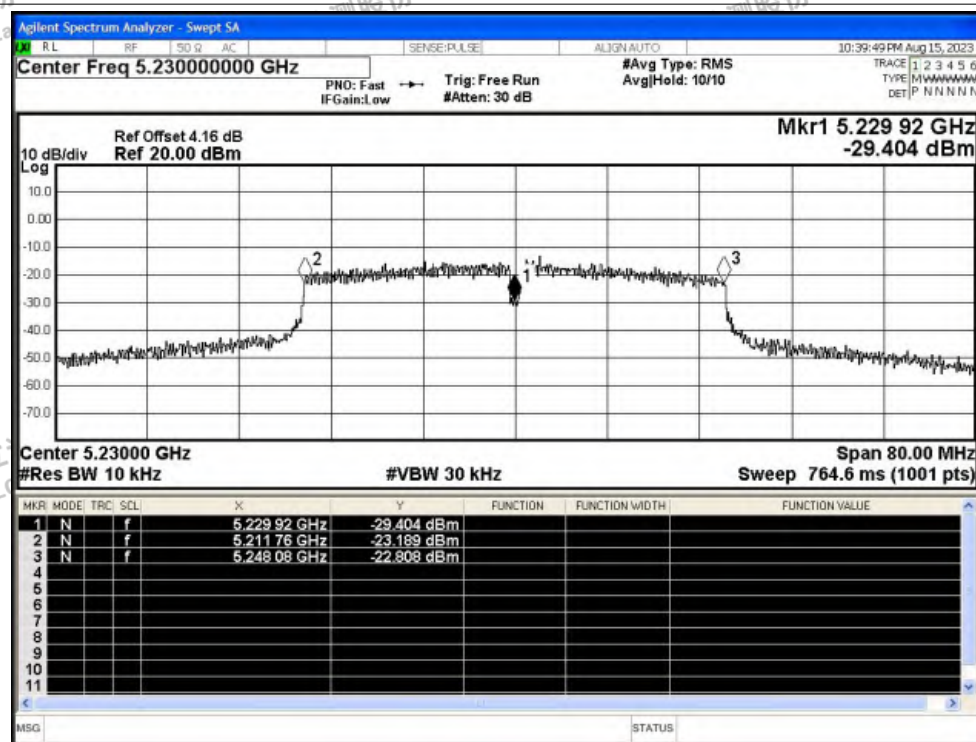
Add: 101, 201 Bldg A & 301 Bldg C, Juji Industrial Park Yabianxueziwei, Shajing Street, Baoan District, Shenzhen, 518000, China

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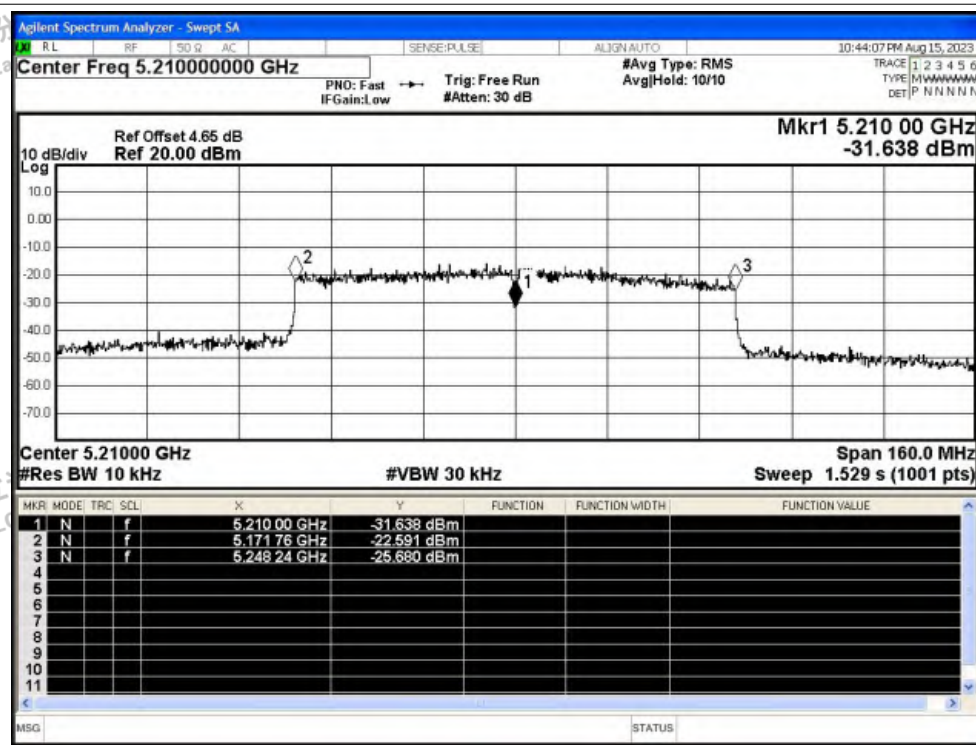
Scan code to check authenticity



Freq. Stability NVNT ac40 5230MHz Ant1



Freq. Stability NVNT ac80 5210MHz Ant1



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D.6 Duty Cycle

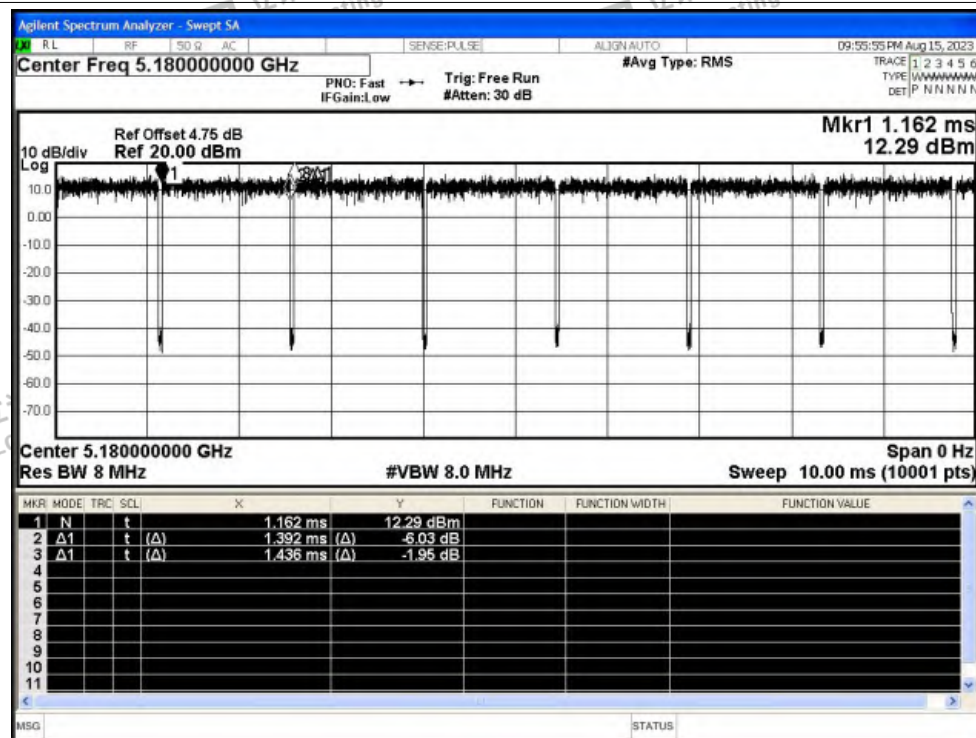
Condition	Mode	Frequency (MHz)	Antenna	Duty Cycle (%)	Correction Factor (dB)	1/T (kHz)
NVNT	a	5180	Ant1	96.94	0.13	0.72
NVNT	a	5200	Ant1	96.94	0.13	0.72
NVNT	a	5240	Ant1	96.94	0.13	0.72
NVNT	n20	5180	Ant1	96.7	0.15	0.78
NVNT	n20	5200	Ant1	96.7	0.15	0.78
NVNT	n20	5240	Ant1	96.7	0.15	0.78
NVNT	n40	5190	Ant1	93.53	0.29	1.57
NVNT	n40	5230	Ant1	93.68	0.28	1.57
NVNT	ac20	5180	Ant1	96.77	0.14	0.76
NVNT	ac20	5200	Ant1	96.76	0.14	0.76
NVNT	ac20	5240	Ant1	96.76	0.14	0.76
NVNT	ac40	5190	Ant1	93.68	0.28	1.53
NVNT	ac40	5230	Ant1	93.68	0.28	1.53
NVNT	ac80	5210	Ant1	88.08	0.55	3.08



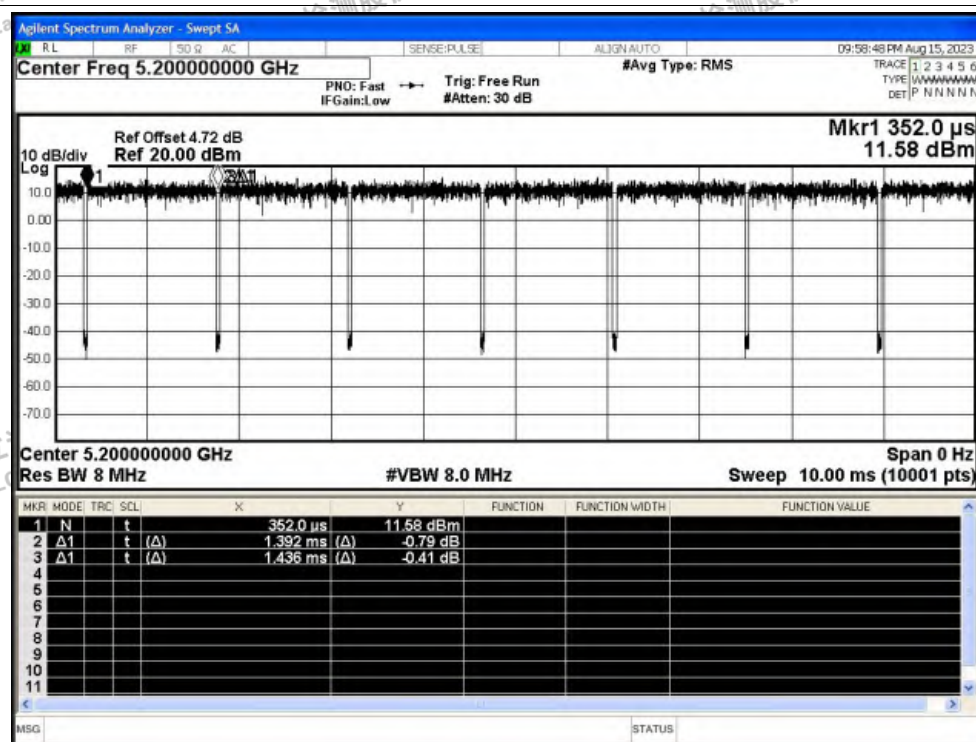


Test Graphs

Duty Cycle NVNT a 5180MHz Ant1



Duty Cycle NVNT a 5200MHz Ant1



Shenzhen LCS Compliance Testing Laboratory Ltd.

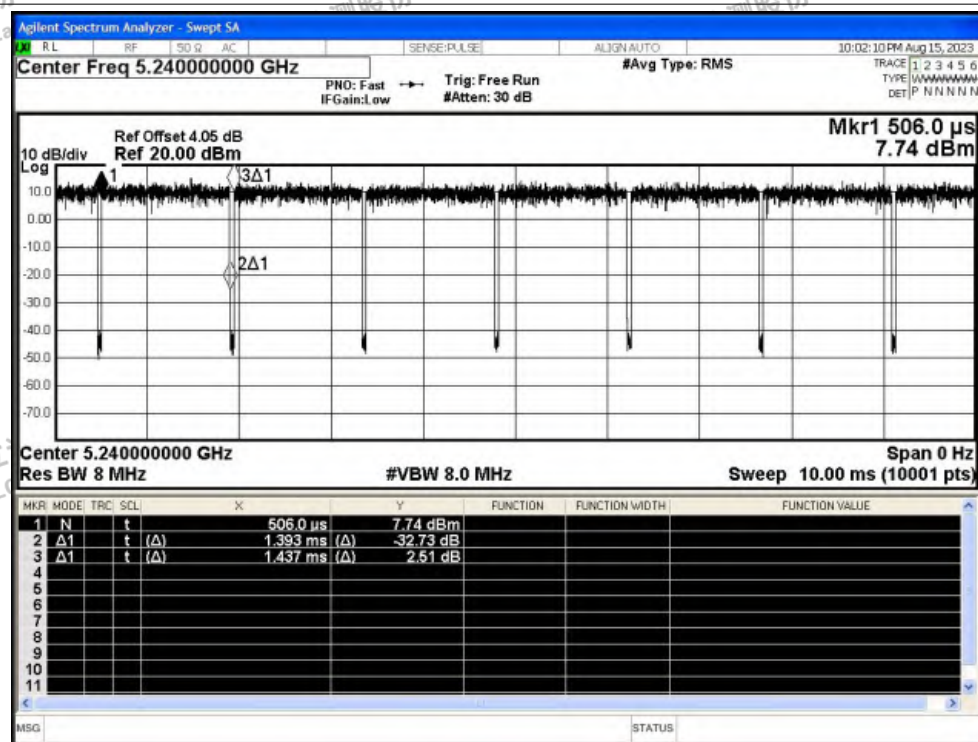
Add: 101, 201 Bldg A & 301 Bldg C, Juji Industrial Park Yabianxueziwei, Shajing Street, Baoan District, Shenzhen, 518000, China

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

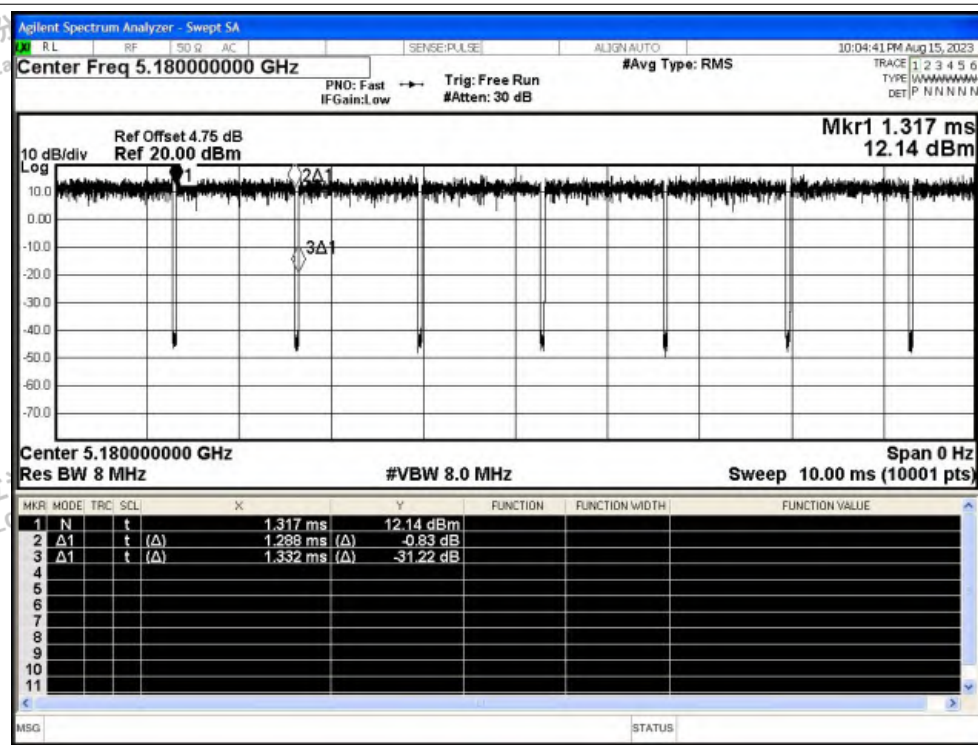
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Duty Cycle NVNT a 5240MHz Ant1



Duty Cycle NVNT n20 5180MHz Ant1



Shenzhen LCS Compliance Testing Laboratory Ltd.

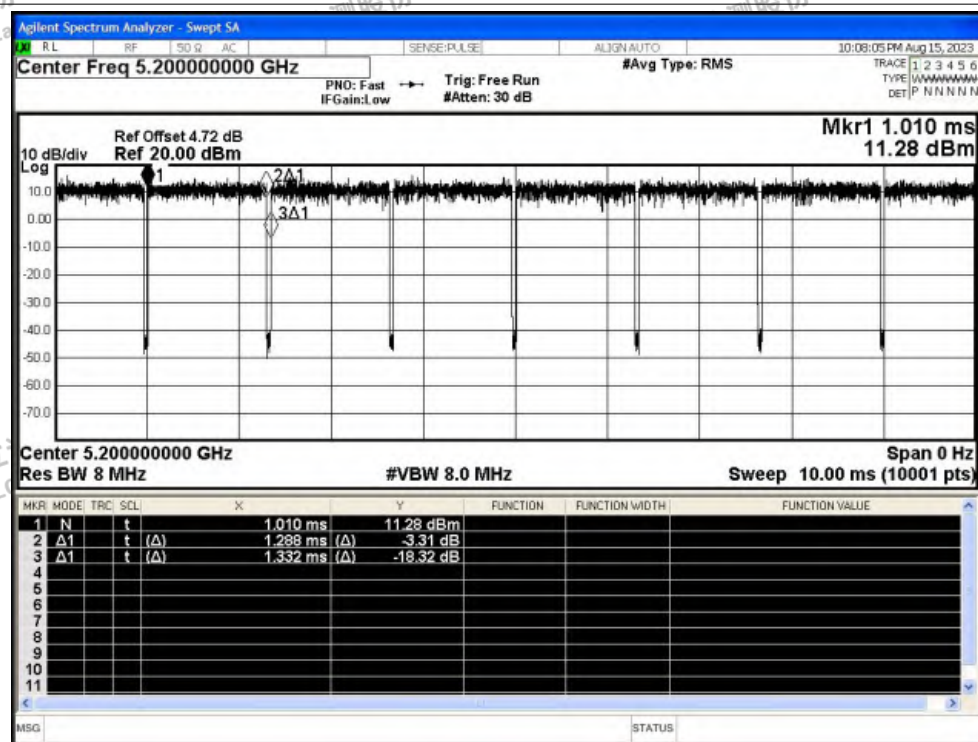
Add: 101, 201 Bldg A & 301 Bldg C, Juji Industrial Park Yabianxueziwei, Shajing Street, Baoan District, Shenzhen, 518000, China

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

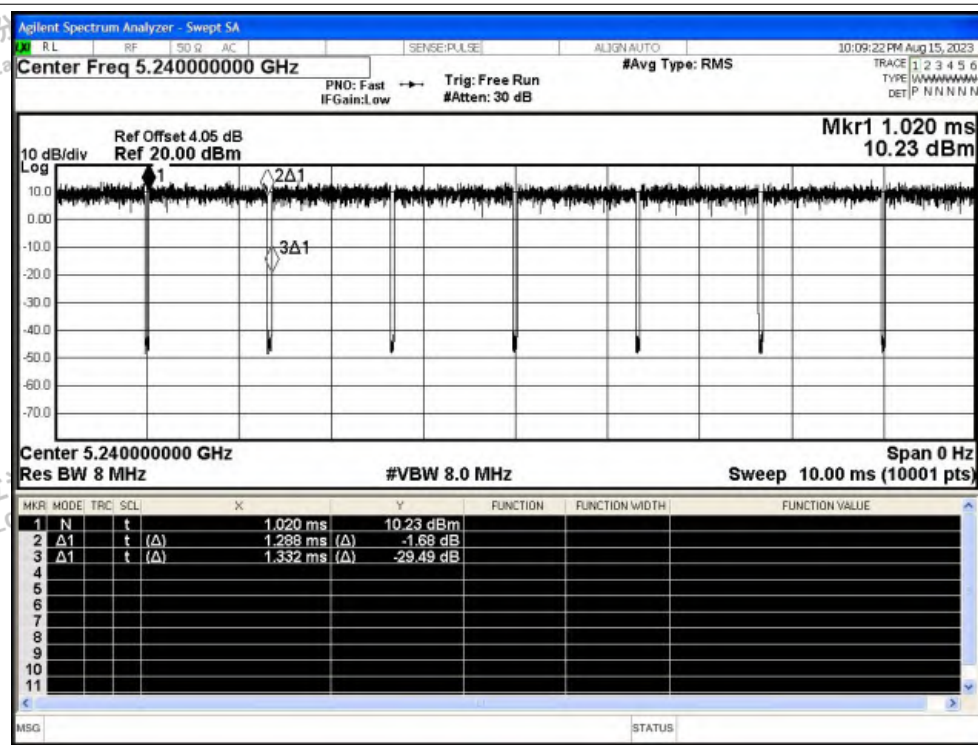
Scan code to check authenticity



Duty Cycle NVNT n20 5200MHz Ant1



Duty Cycle NVNT n20 5240MHz Ant1



Shenzhen LCS Compliance Testing Laboratory Ltd.

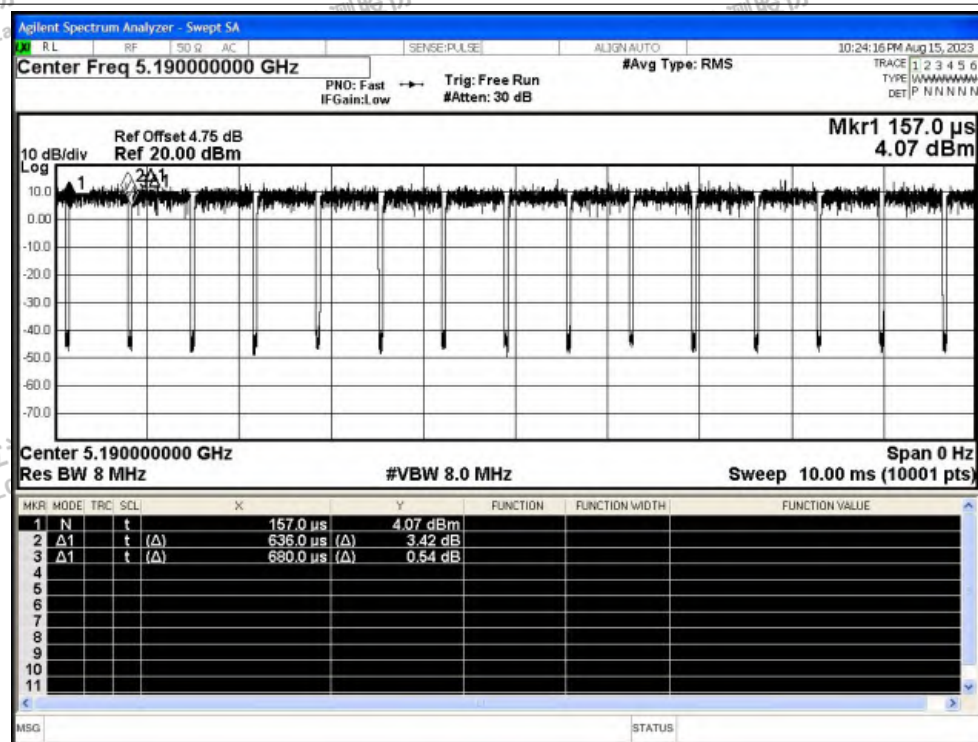
Add: 101, 201 Bldg A & 301 Bldg C, Juji Industrial Park Yabianxueziwei, Shajing Street, Baoan District, Shenzhen, 518000, China

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

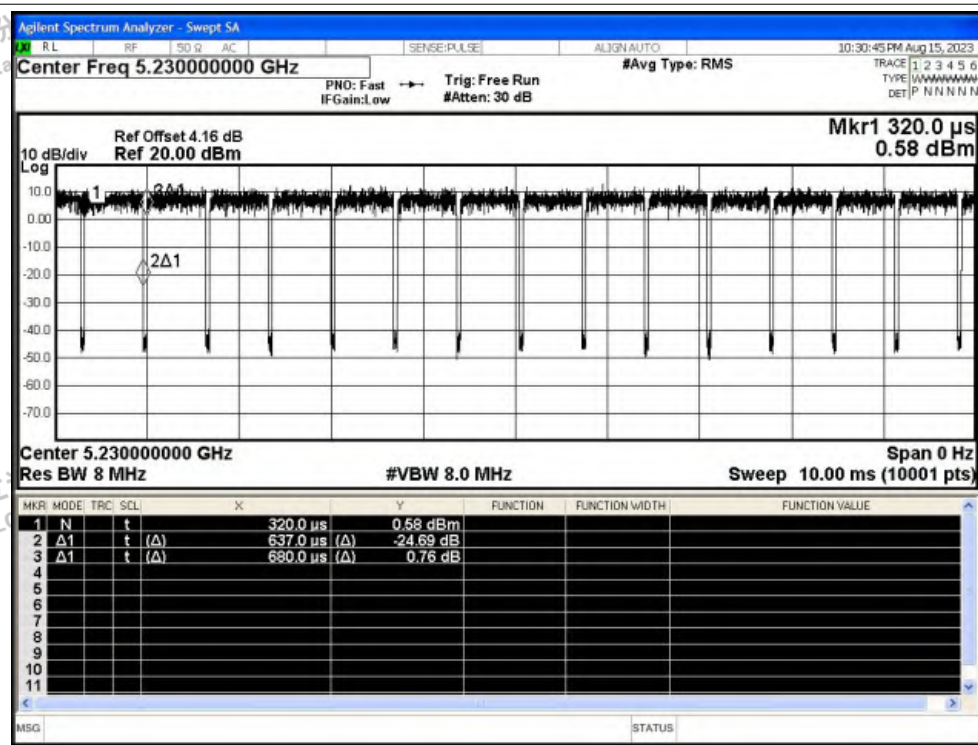
Scan code to check authenticity



Duty Cycle NVNT n40 5190MHz Ant1



Duty Cycle NVNT n40 5230MHz Ant1



Shenzhen LCS Compliance Testing Laboratory Ltd.

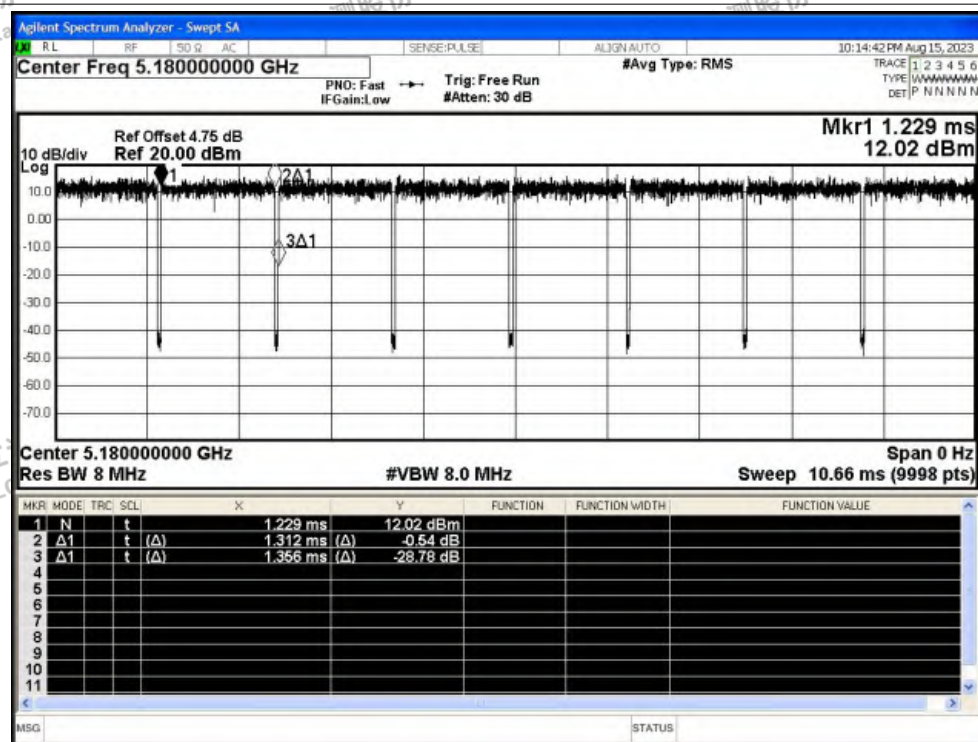
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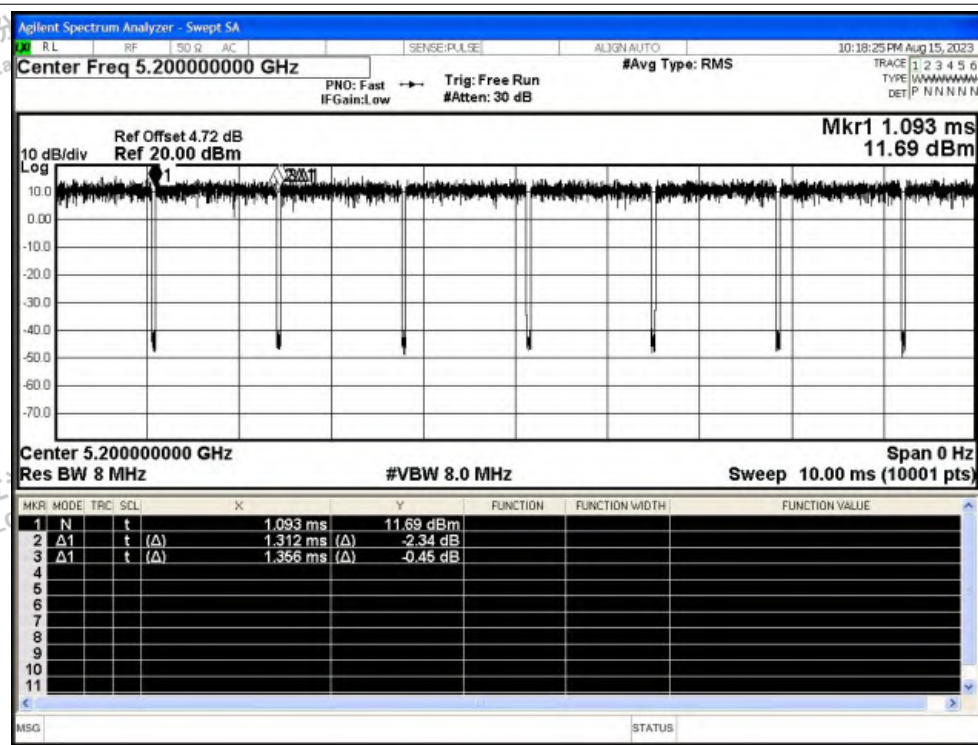
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Duty Cycle NVNT ac20 5180MHz Ant1



Duty Cycle NVNT ac20 5200MHz Ant1



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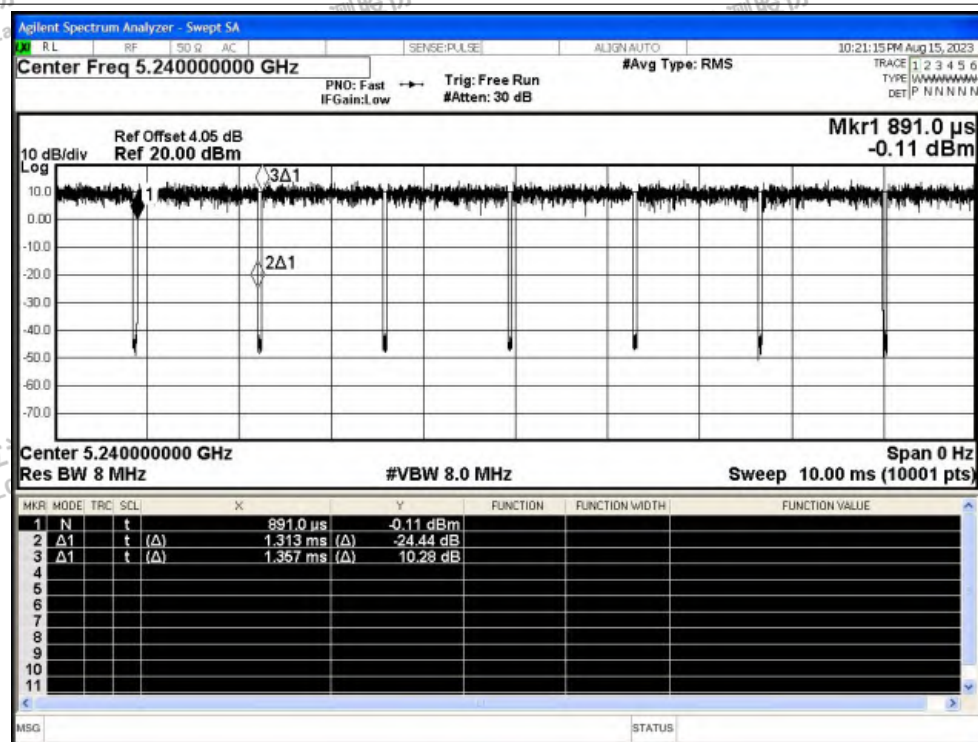
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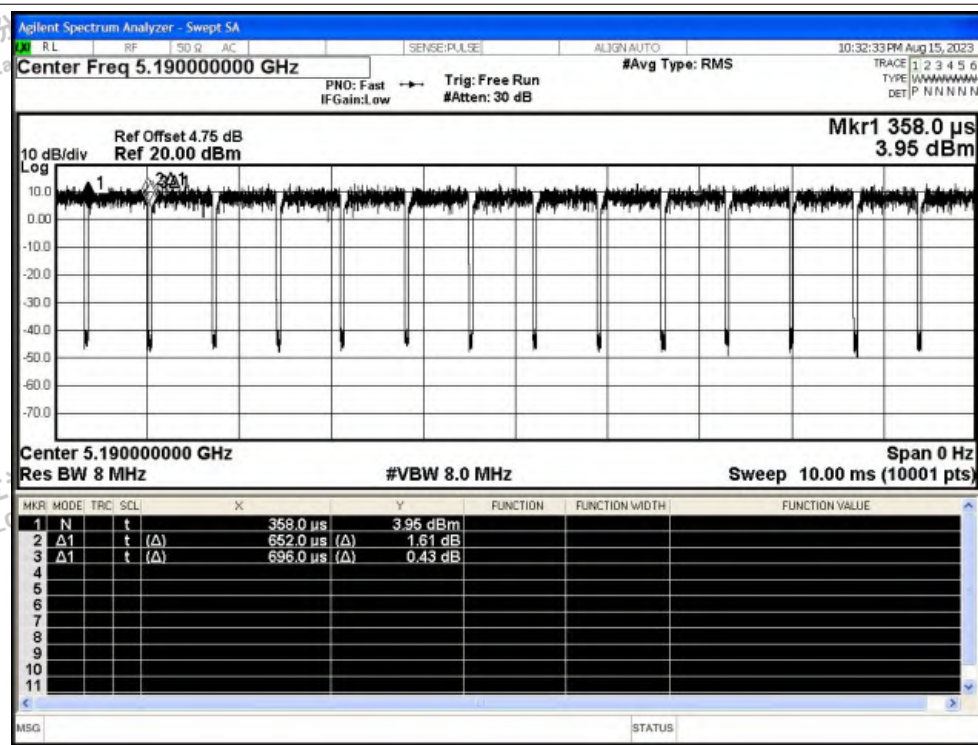
Scan code to check authenticity



Duty Cycle NVNT ac20 5240MHz Ant1



Duty Cycle NVNT ac40 5190MHz Ant1



Shenzhen LCS Compliance Testing Laboratory Ltd.

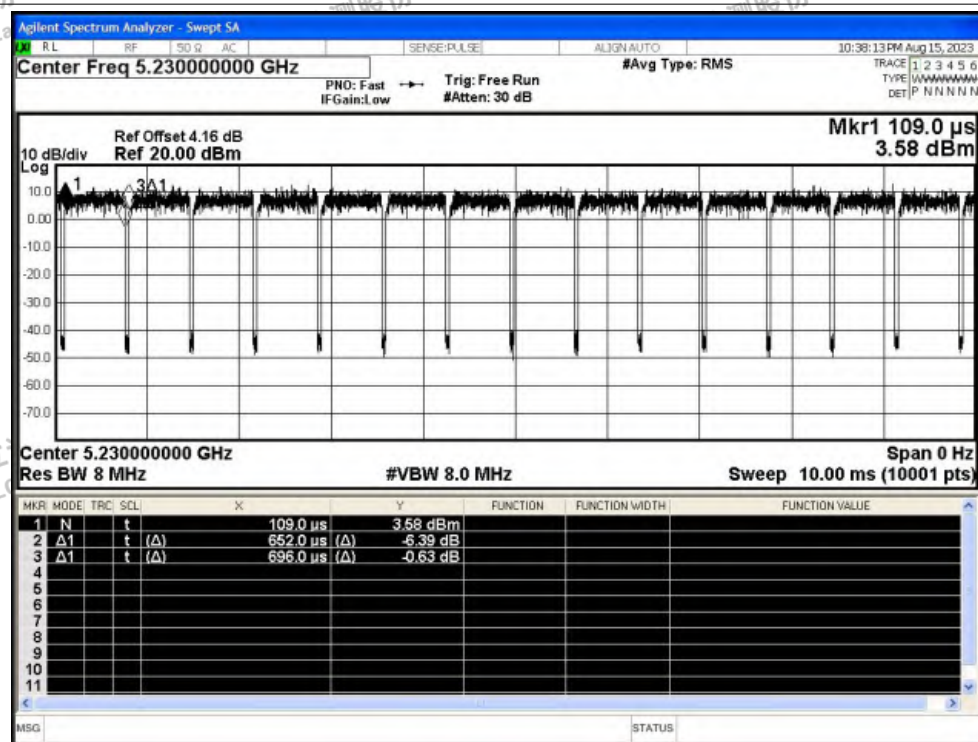
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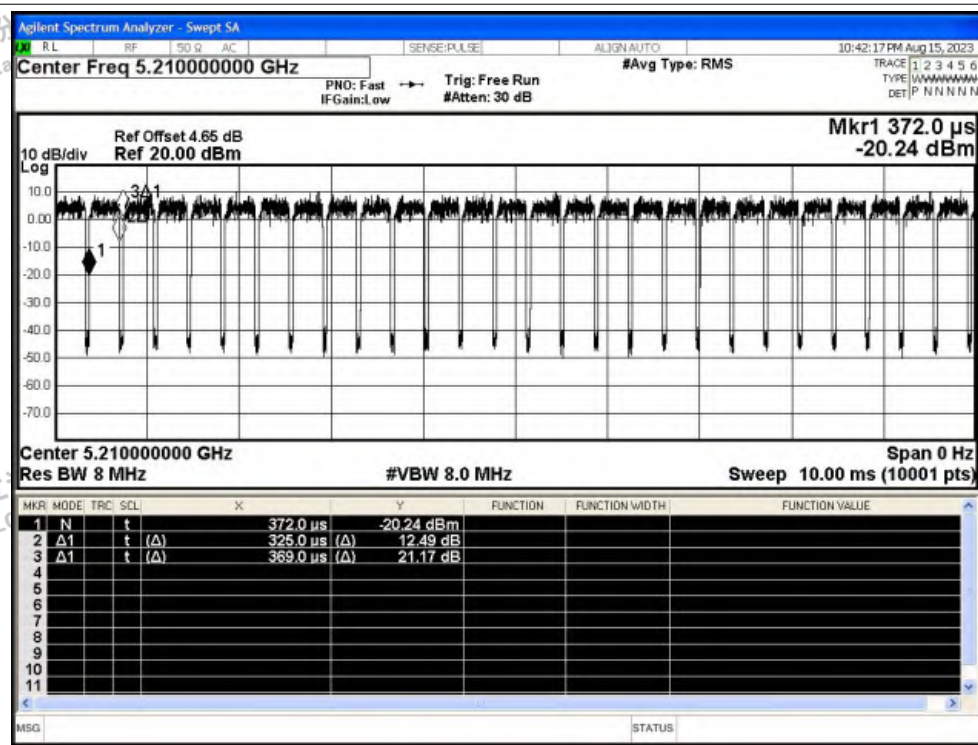
Scan code to check authenticity



Duty Cycle NVNT ac40 5230MHz Ant1



Duty Cycle NVNT ac80 5210MHz Ant1



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