



Appendix D

RF Test Data for 5.2GWIFI (Conducted Measurement)

Product Name: Touch Panel

Test Model: TOUCHPAD.One

Environmental Conditions

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





D.1 -26dB Bandwidth

Condition	Mode	Frequency (MHz)	Antenna	-26 dB Bandwidth (MHz)	Limit -26 dB Bandwidth (MHz)	Verdict
NVNT	a	5180	Ant	26.027	---	Pass
NVNT	a	5200	Ant	26.878	---	Pass
NVNT	a	5240	Ant	26.159	---	Pass
NVNT	n20	5180	Ant	28.075	---	Pass
NVNT	n20	5200	Ant	27.558	---	Pass
NVNT	n20	5240	Ant	27.105	---	Pass
NVNT	n40	5190	Ant	44.974	---	Pass
NVNT	n40	5230	Ant	49.219	---	Pass
NVNT	ac20	5180	Ant	29.506	---	Pass
NVNT	ac20	5200	Ant	26.718	---	Pass
NVNT	ac20	5240	Ant	28.347	---	Pass
NVNT	ac40	5190	Ant	42.61	---	Pass
NVNT	ac40	5230	Ant	44.649	---	Pass
NVNT	ac80	5210	Ant	84.222	---	Pass



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

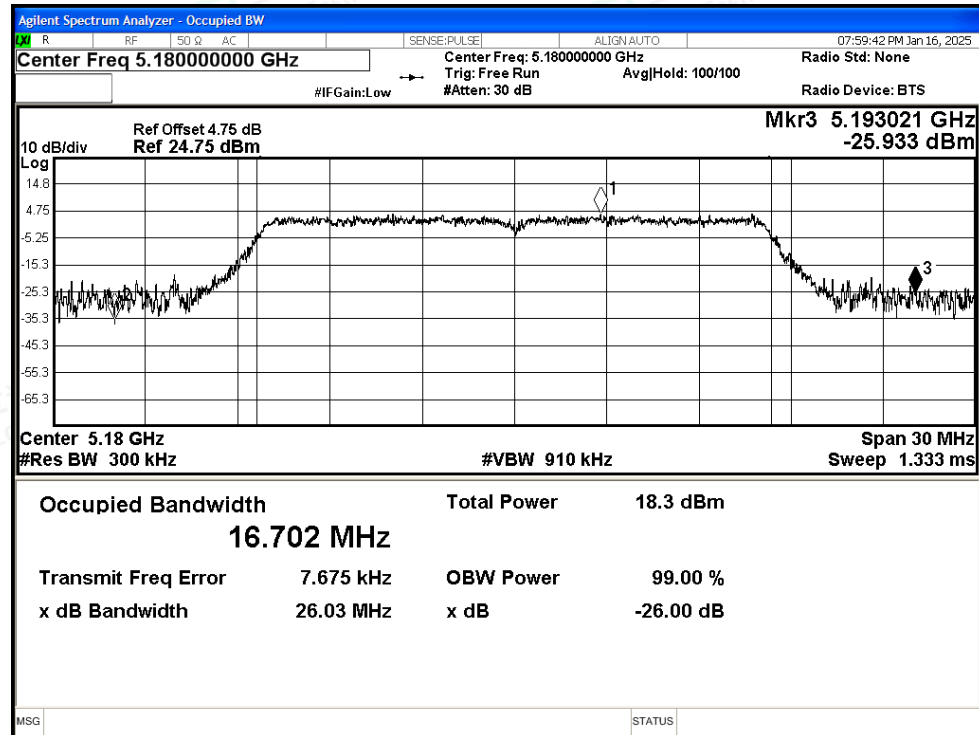
Tel: +(86) 0755-82591330 | E-mail: webmaster@lcs-cert.com | Web: www.lcs-cert.com

Scan code to check authenticity

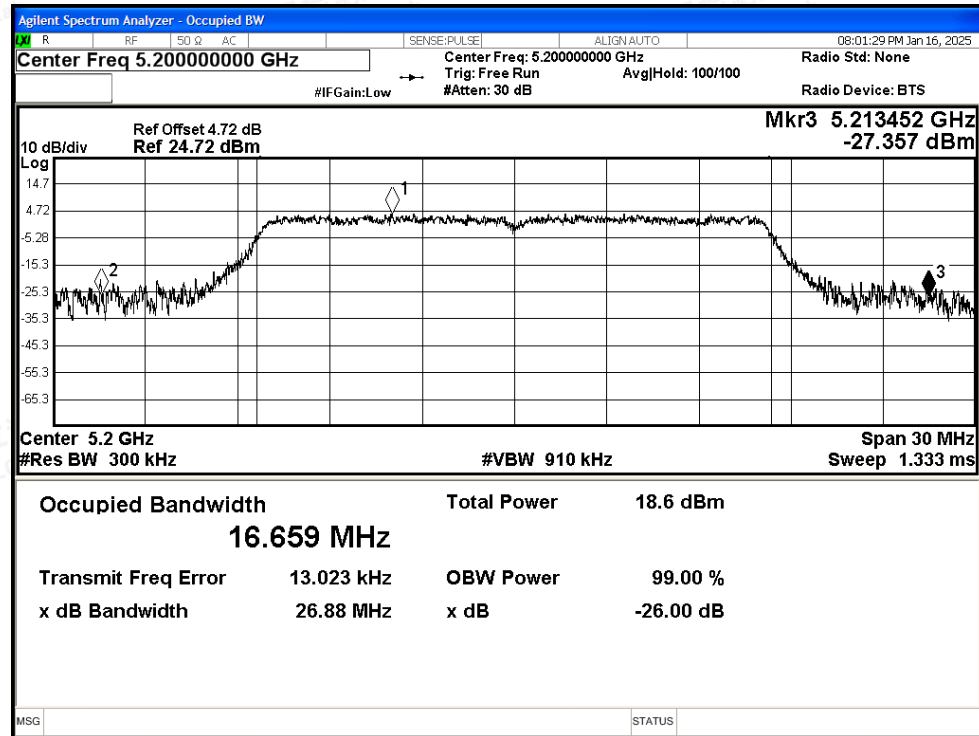


Test Graphs

-26dB Bandwidth NVNT a 5180MHz Ant



-26dB Bandwidth NVNT a 5200MHz Ant



Shenzhen LCS Compliance Testing Laboratory Ltd.

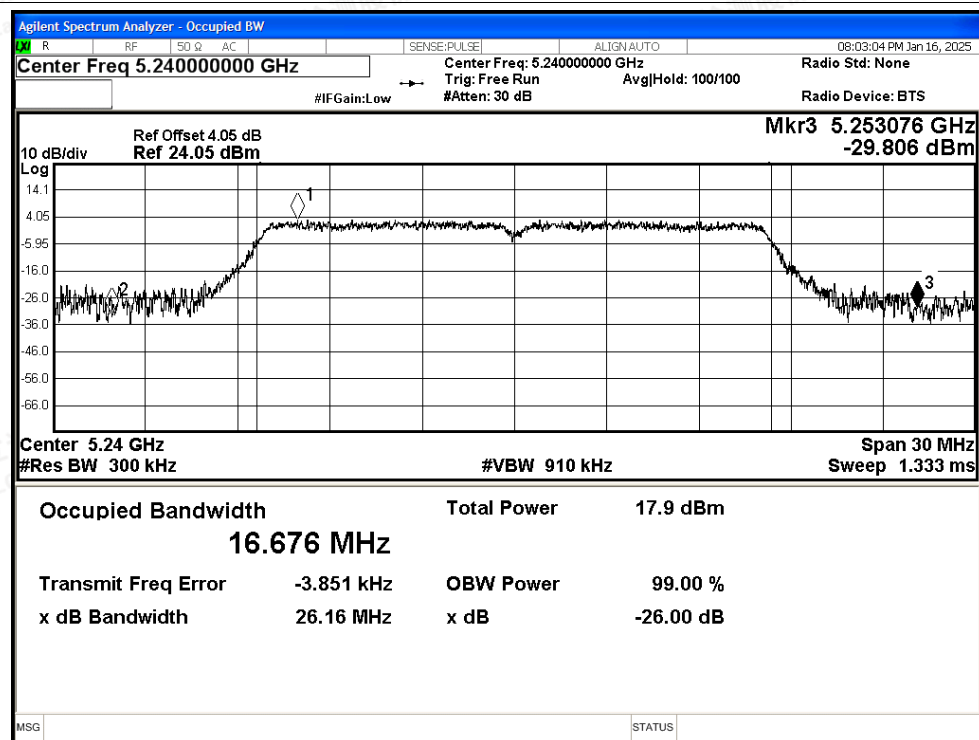
Add: 101, 201 Bldg A & 301 Bldg C, Juji Industrial Park Yabianxueziwei, Shajing Street, Baoan District, Shenzhen, 518000, China

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

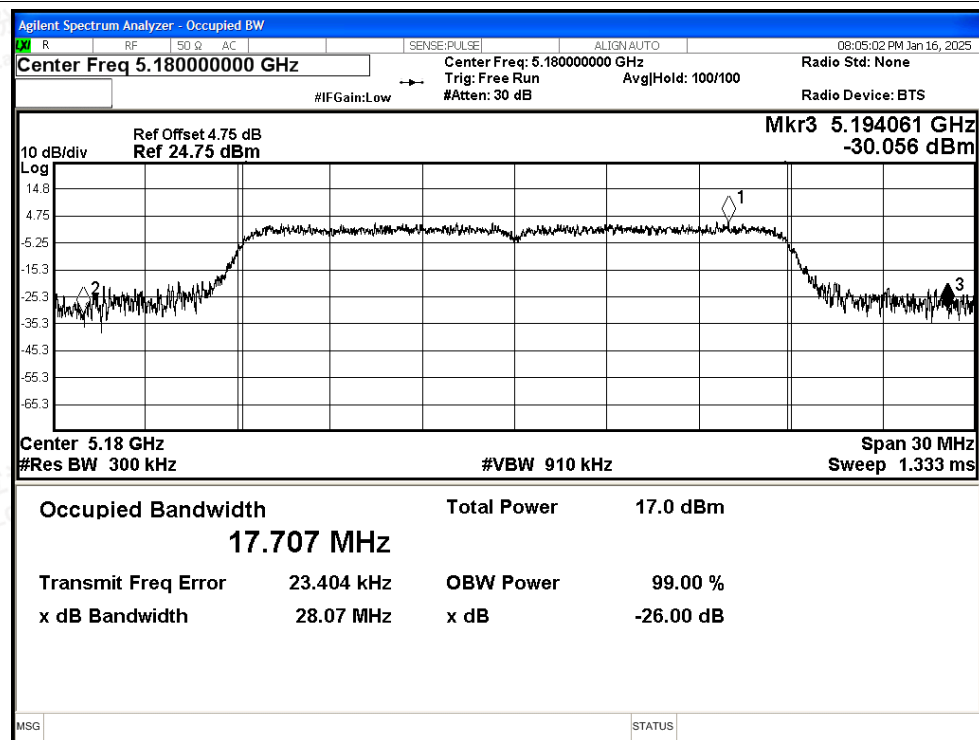
Scan code to check authenticity



-26dB Bandwidth NVNT a 5240MHz Ant



-26dB Bandwidth NVNT n20 5180MHz Ant



Shenzhen LCS Compliance Testing Laboratory Ltd.

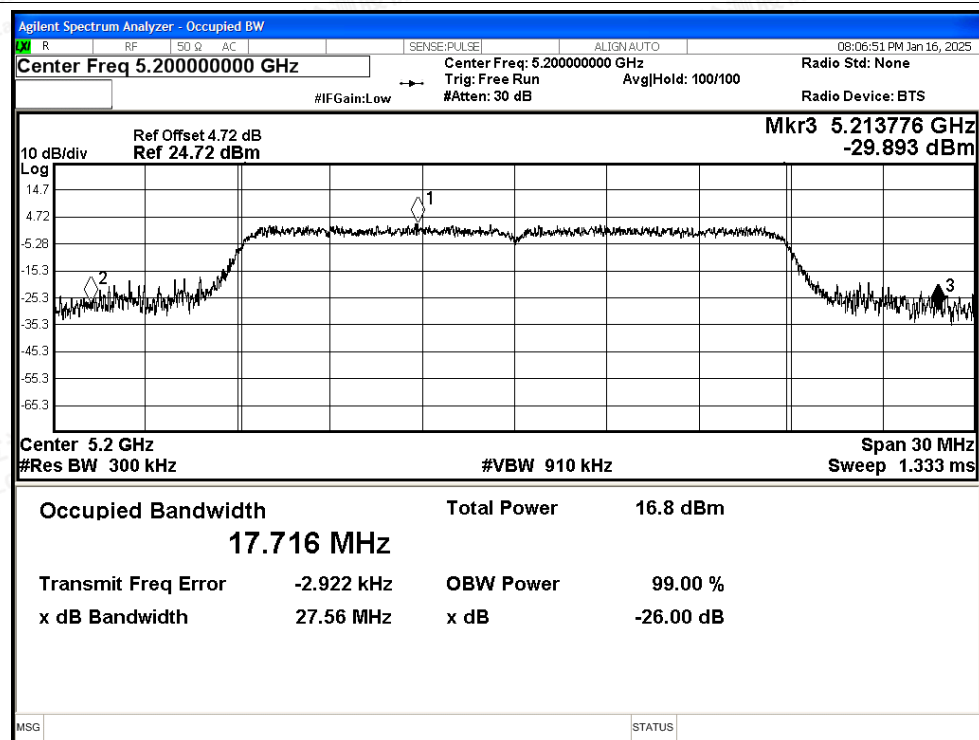
Add: 101, 201 Bldg A & 301 Bldg C, Juji Industrial Park Yabianxueziwei, Shajing Street, Baoan District, Shenzhen, 518000, China

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

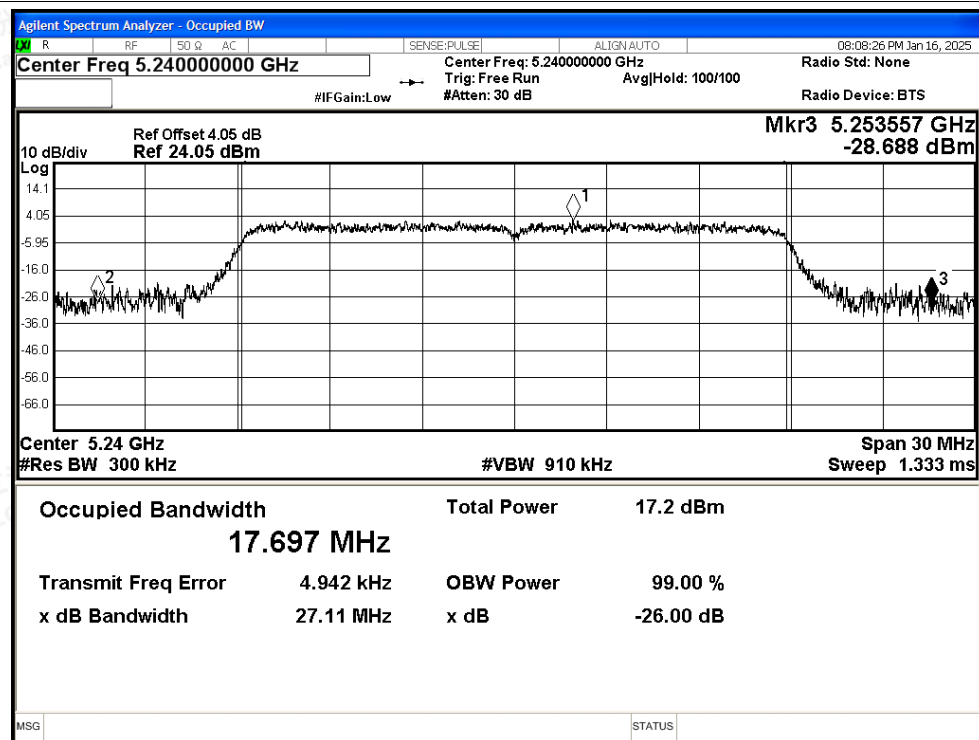
Scan code to check authenticity



-26dB Bandwidth NVNT n20 5200MHz Ant



-26dB Bandwidth NVNT n20 5240MHz Ant



Shenzhen LCS Compliance Testing Laboratory Ltd.

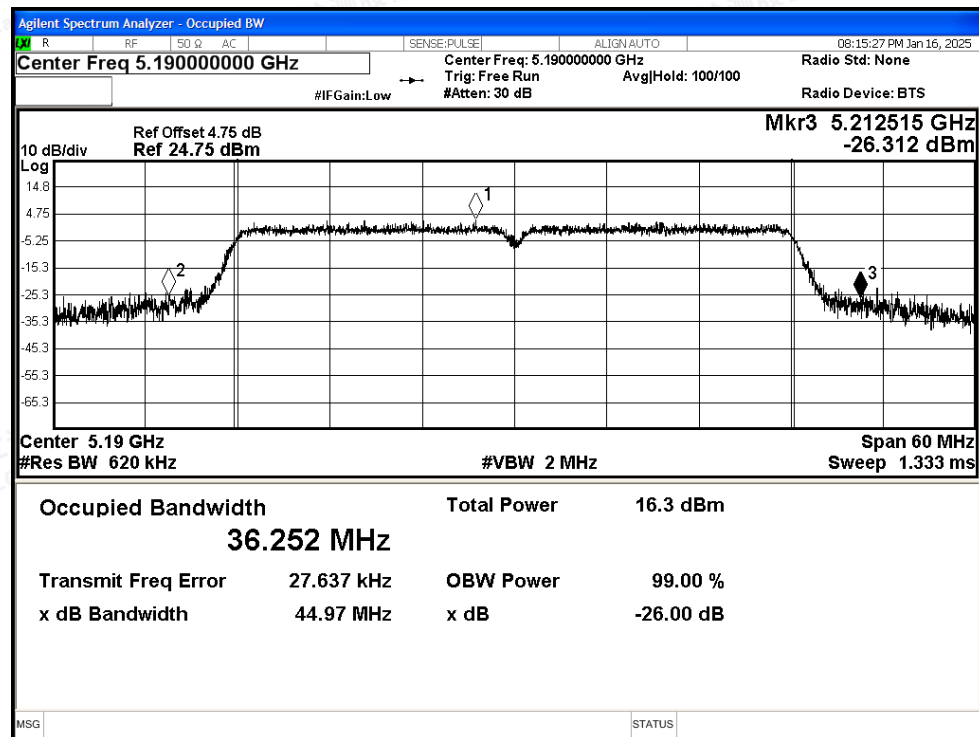
Add: 101, 201 Bldg A & 301 Bldg C, Juji Industrial Park Yabianxueziwei, Shajing Street, Baoan District, Shenzhen, 518000, China

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

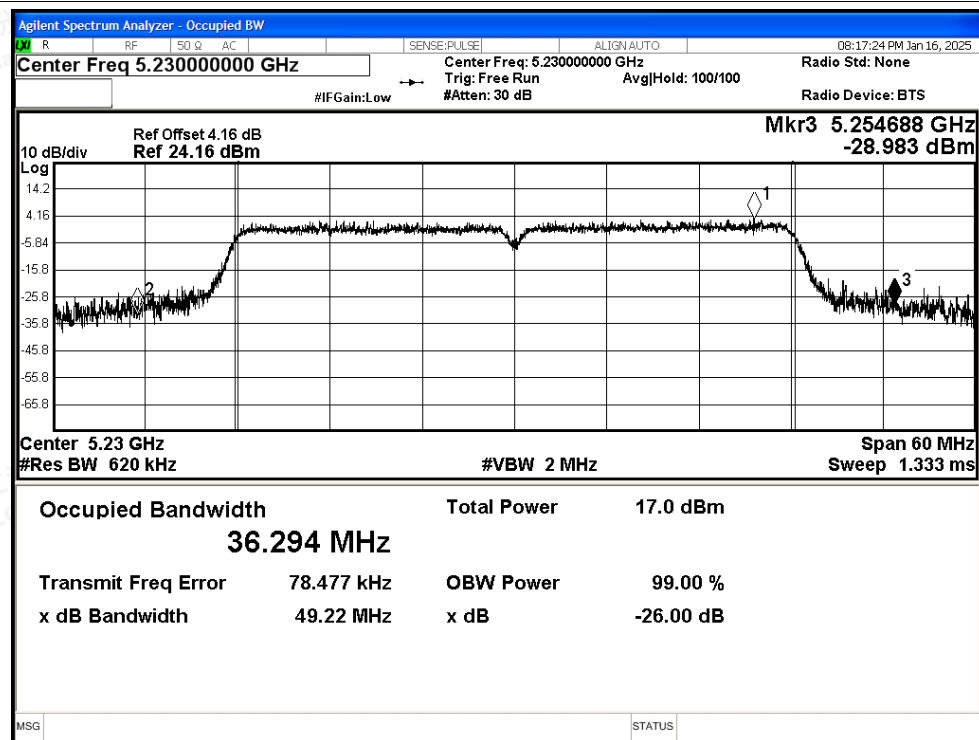
Scan code to check authenticity



-26dB Bandwidth NVNT n40 5190MHz Ant



-26dB Bandwidth NVNT n40 5230MHz Ant



Shenzhen LCS Compliance Testing Laboratory Ltd.

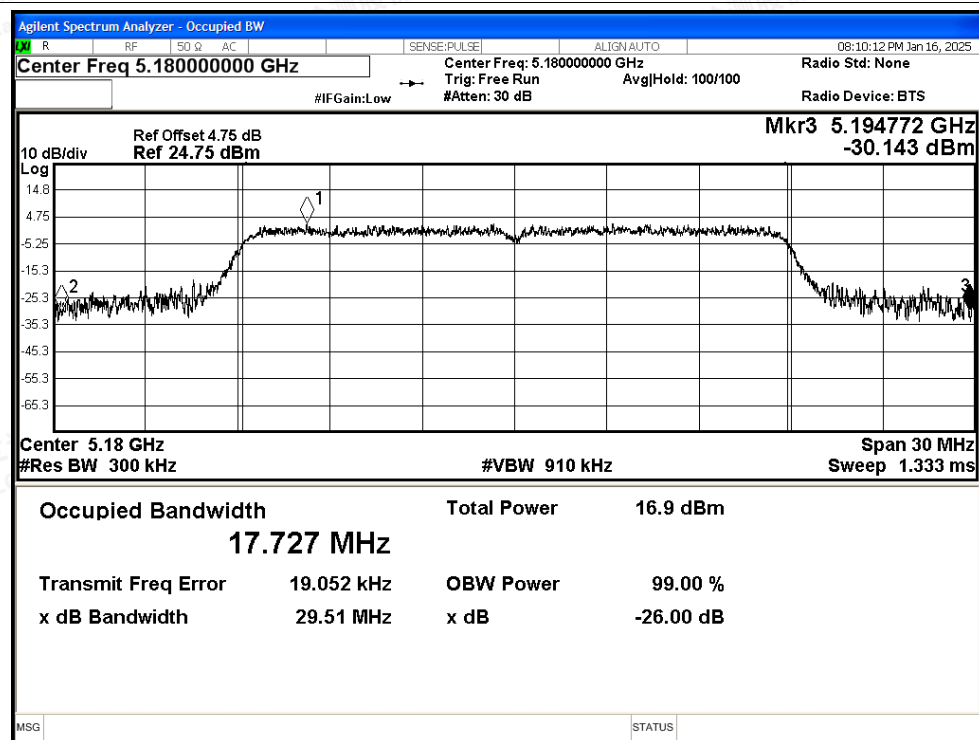
Add: 101, 201 Bldg A & 301 Bldg C, Juji Industrial Park Yabianxueziwei, Shajing Street, Baoan District, Shenzhen, 518000, China

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

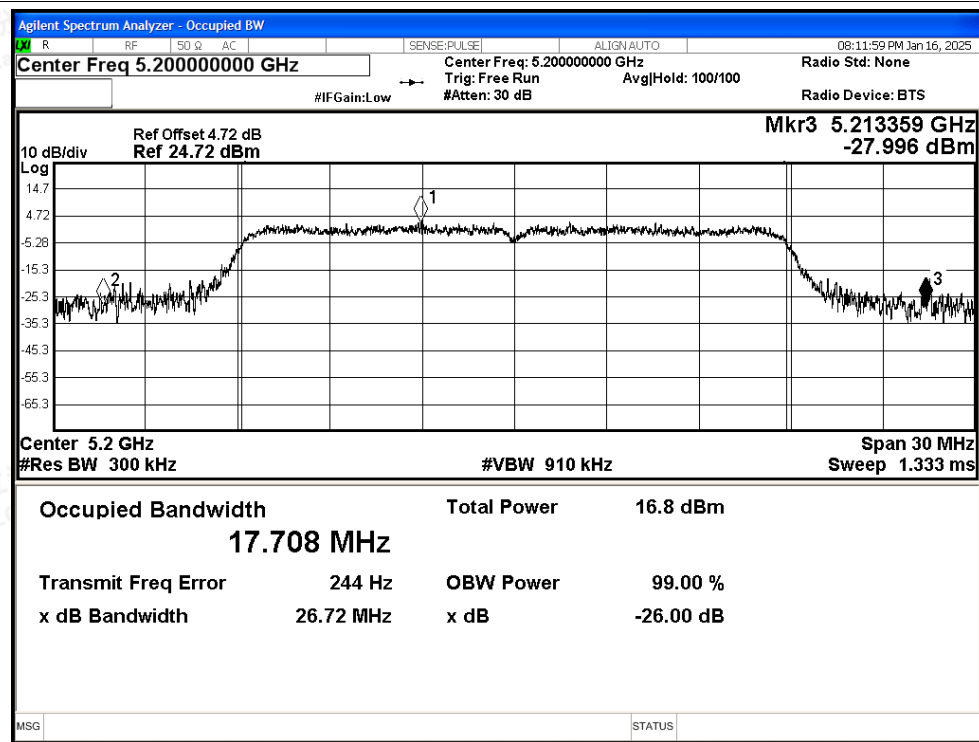
Scan code to check authenticity



-26dB Bandwidth NVNT ac20 5180MHz Ant



-26dB Bandwidth NVNT ac20 5200MHz Ant



Shenzhen LCS Compliance Testing Laboratory Ltd.

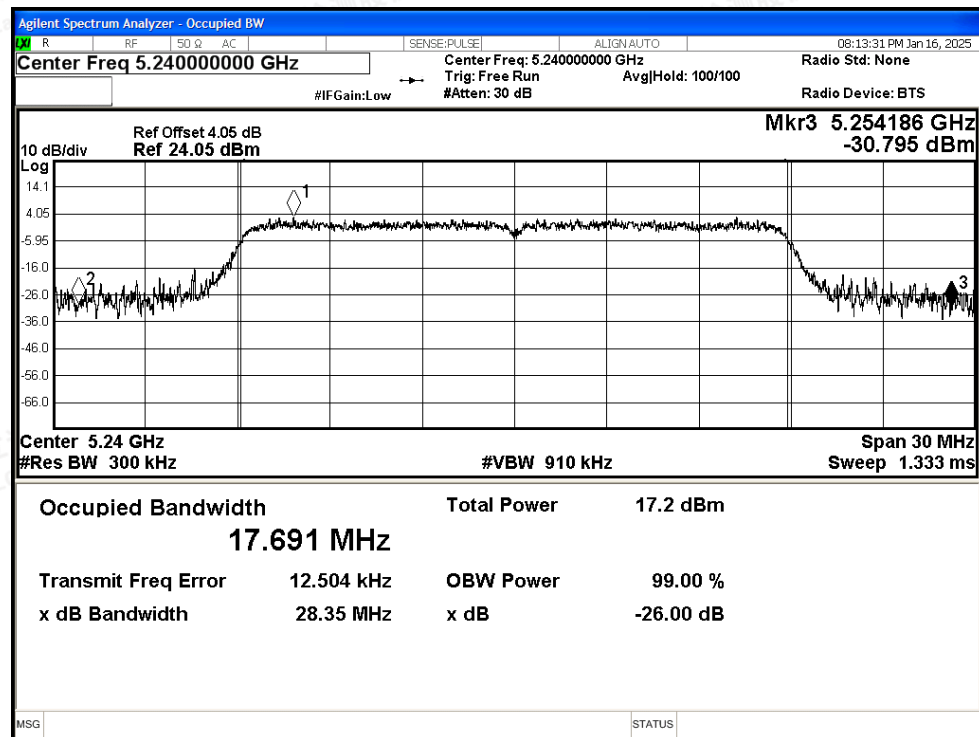
Add: 101, 201 Bldg A & 301 Bldg C, Juji Industrial Park Yabianxueziwei, Shajing Street, Baoan District, Shenzhen, 518000, China

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

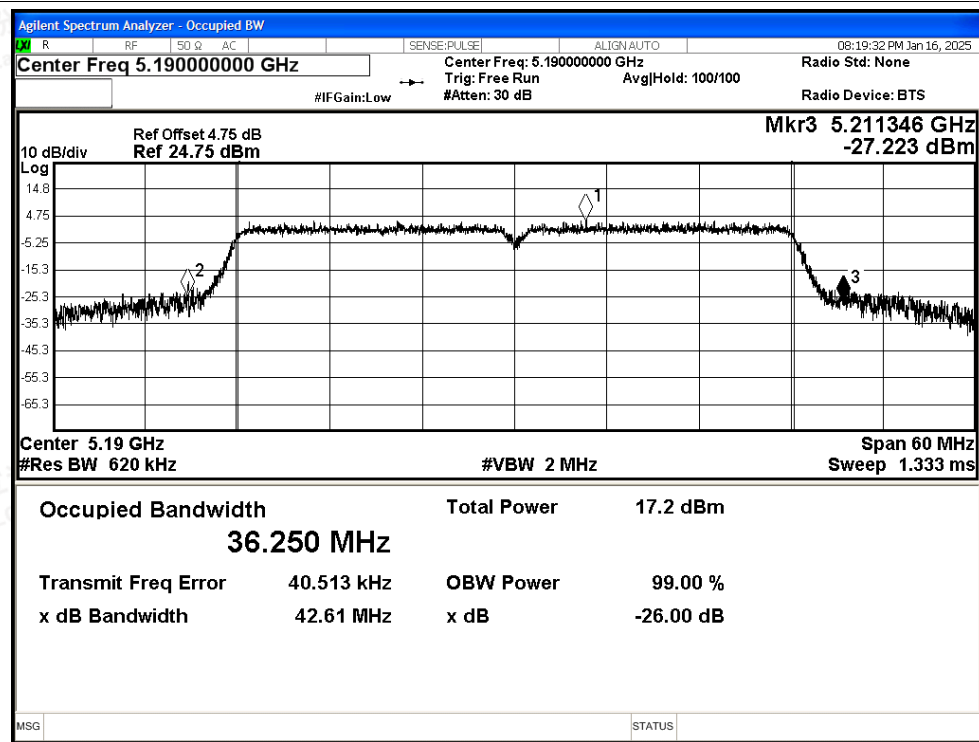
Scan code to check authenticity



-26dB Bandwidth NVNT ac20 5240MHz Ant



-26dB Bandwidth NVNT ac40 5190MHz Ant



Shenzhen LCS Compliance Testing Laboratory Ltd.

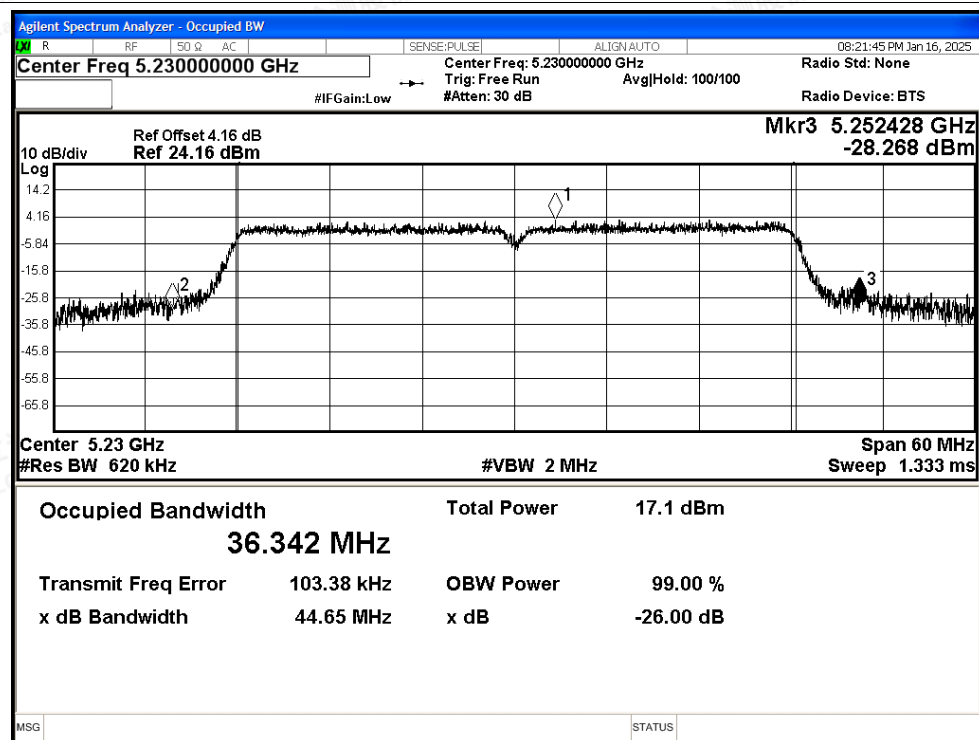
Add: 101, 201 Bldg A & 301 Bldg C, Juji Industrial Park Yabianxueziwei, Shajing Street, Baoan District, Shenzhen, 518000, China

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

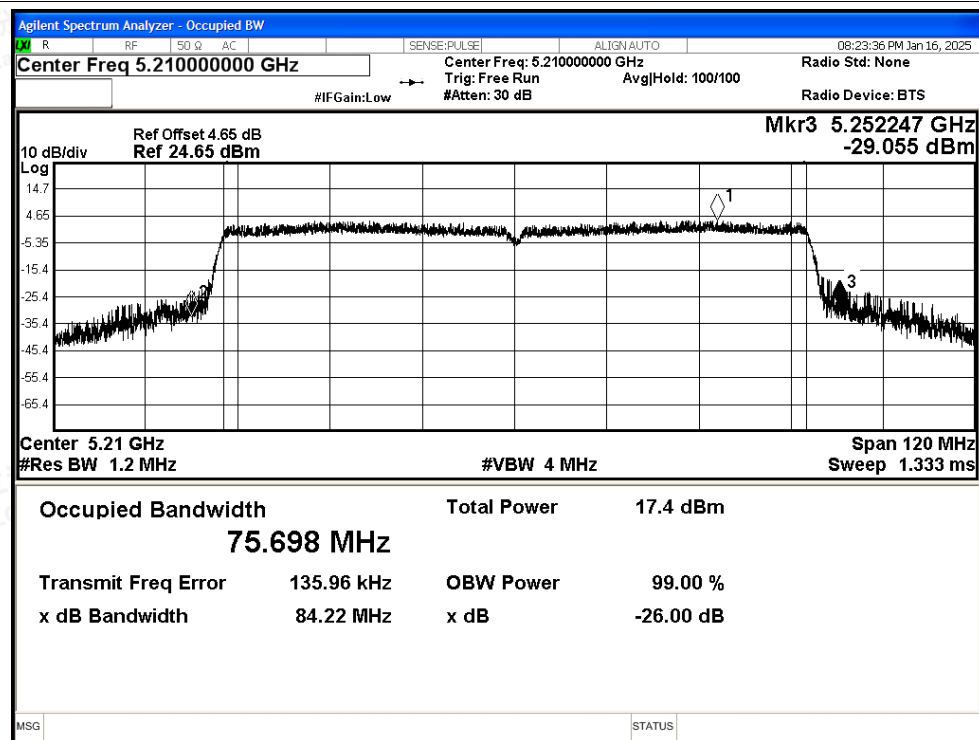
Scan code to check authenticity



-26dB Bandwidth NVNT ac40 5230MHz Ant



-26dB Bandwidth NVNT ac80 5210MHz Ant



Shenzhen LCS Compliance Testing Laboratory Ltd.

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

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

Scan code to check authenticity



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	Ant	12.62	0.24	12.86	24	Pass
NVNT	a	5200	Ant	12.9	0.24	13.14	24	Pass
NVNT	a	5240	Ant	12.13	0.24	12.37	24	Pass
NVNT	n20	5180	Ant	11.5	0.12	11.62	24	Pass
NVNT	n20	5200	Ant	11.28	0.12	11.4	24	Pass
NVNT	n20	5240	Ant	11.64	0.12	11.76	24	Pass
NVNT	n40	5190	Ant	11.02	0.24	11.26	24	Pass
NVNT	n40	5230	Ant	10.63	0.24	10.87	24	Pass
NVNT	ac20	5180	Ant	11.42	0.12	11.54	24	Pass
NVNT	ac20	5200	Ant	11.21	0.12	11.33	24	Pass
NVNT	ac20	5240	Ant	11.73	0.12	11.85	24	Pass
NVNT	ac40	5190	Ant	10.94	0.23	11.17	24	Pass
NVNT	ac40	5230	Ant	10.76	0.24	11	24	Pass
NVNT	ac80	5210	Ant	10.04	0.47	10.51	24	Pass





D.3 Maximum Power Spectral Density Level

Condition	Mode	Frequency (MHz)	Antenna	Conducted PSD (dBm/MHz)	Duty Factor (dB)	Total PSD (dBm/MHz)	Limit (dBm/MHz)	Verdict
NVNT	a	5180	Ant	2.01	0.24	2.25	11	Pass
NVNT	a	5200	Ant	2.59	0.24	2.83	11	Pass
NVNT	a	5240	Ant	1.76	0.24	2	11	Pass
NVNT	n20	5180	Ant	0.47	0.12	0.59	11	Pass
NVNT	n20	5200	Ant	0.58	0.12	0.7	11	Pass
NVNT	n20	5240	Ant	0.95	0.12	1.07	11	Pass
NVNT	n40	5190	Ant	-3.92	0.24	-3.68	11	Pass
NVNT	n40	5230	Ant	-2.75	0.24	-2.51	11	Pass
NVNT	ac20	5180	Ant	0.5	0.12	0.62	11	Pass
NVNT	ac20	5200	Ant	0.34	0.12	0.46	11	Pass
NVNT	ac20	5240	Ant	0.87	0.12	0.99	11	Pass
NVNT	ac40	5190	Ant	-3.05	0.23	-2.82	11	Pass
NVNT	ac40	5230	Ant	-2.9	0.24	-2.66	11	Pass
NVNT	ac80	5210	Ant	-6.25	0.47	-5.78	11	Pass



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

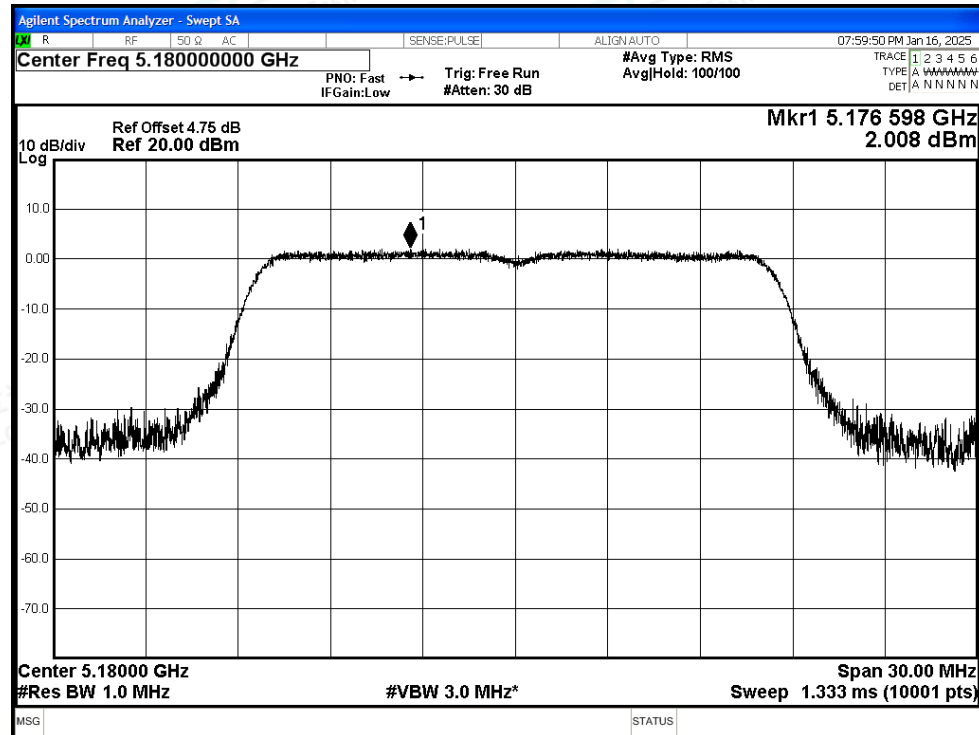
Tel: +(86) 0755-82591330 | E-mail: webmaster@lcs-cert.com | Web: www.lcs-cert.com

Scan code to check authenticity

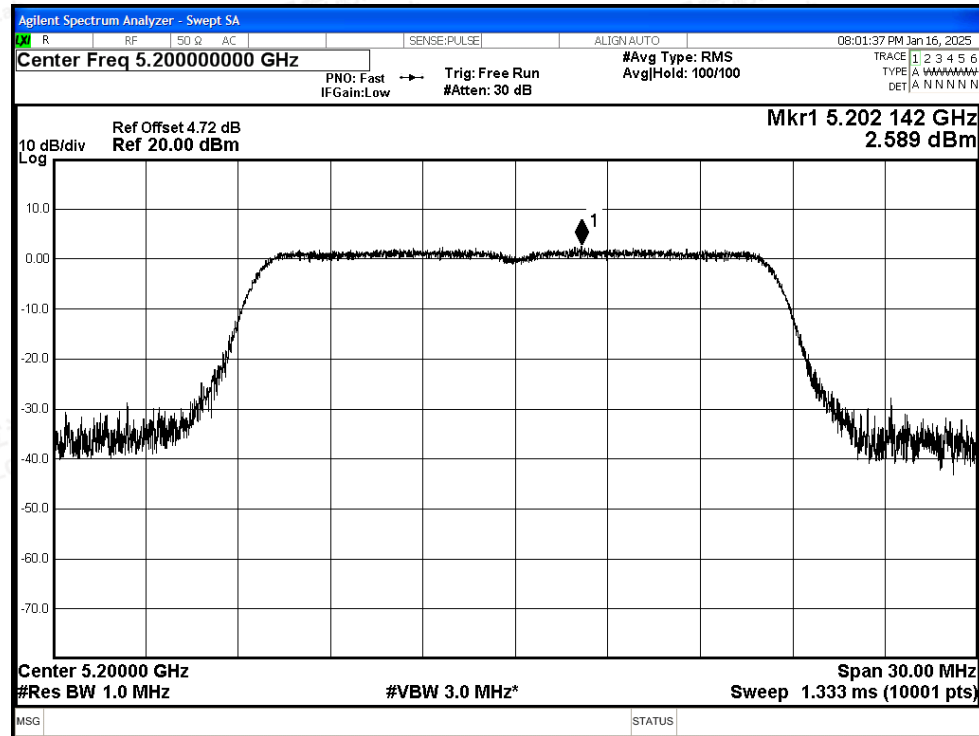


Test Graphs

PSD NVNT a 5180MHz Ant



PSD NVNT a 5200MHz Ant

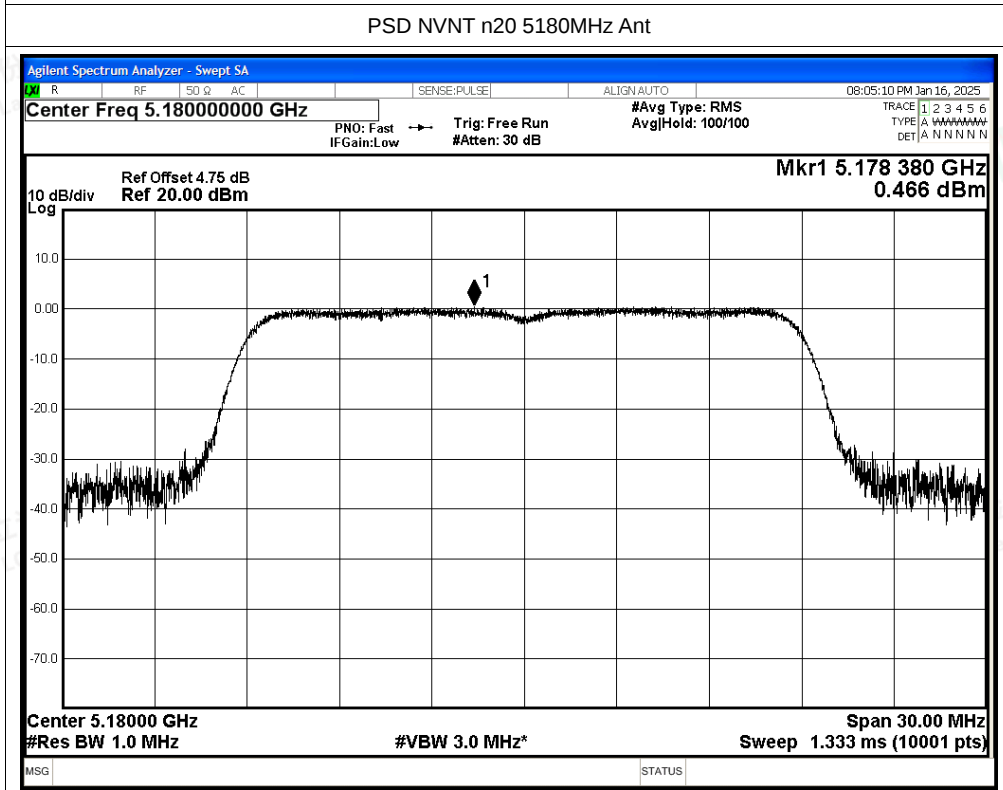
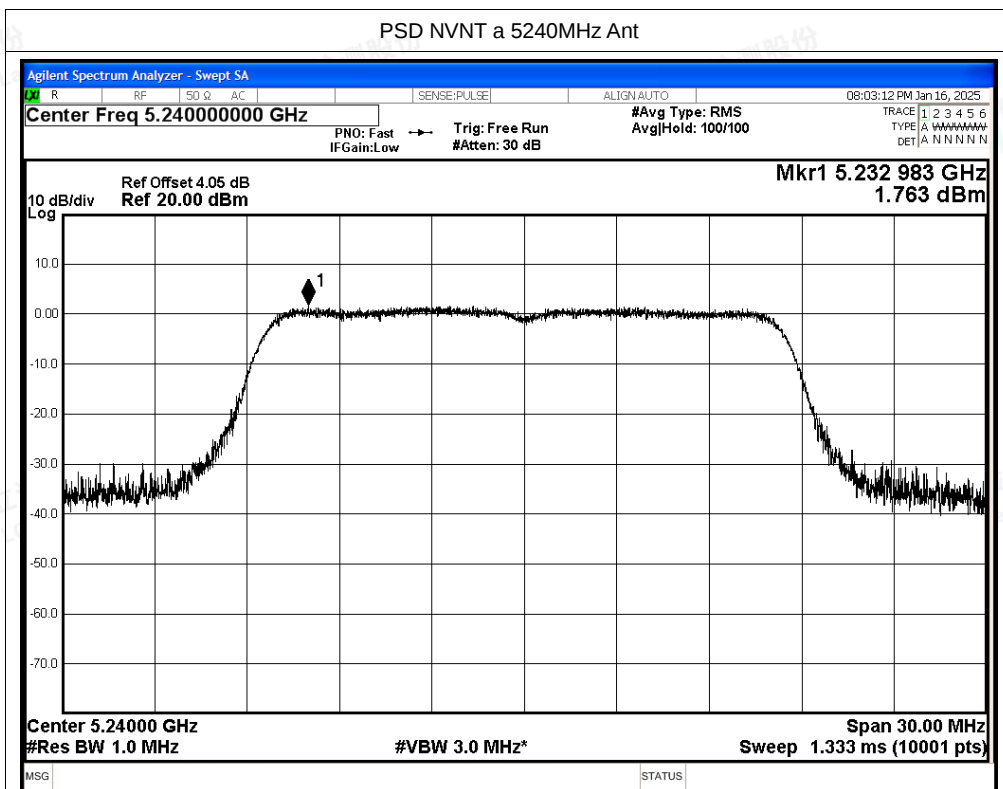


Shenzhen LCS Compliance Testing Laboratory Ltd.

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

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

Scan code to check authenticity

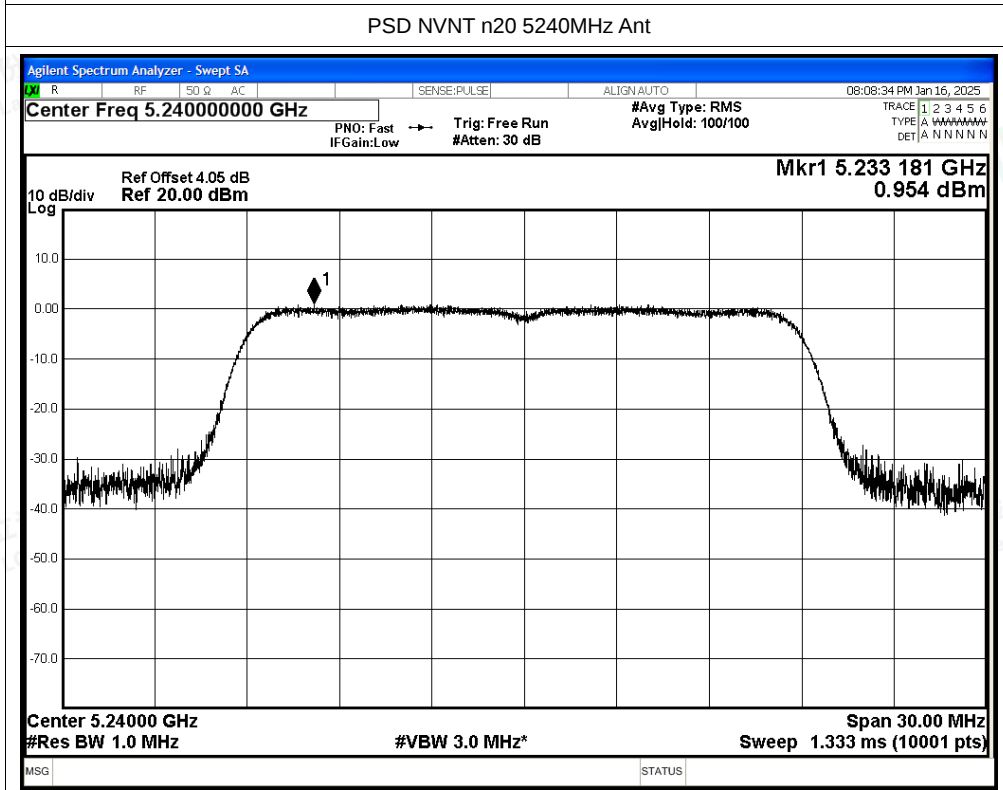
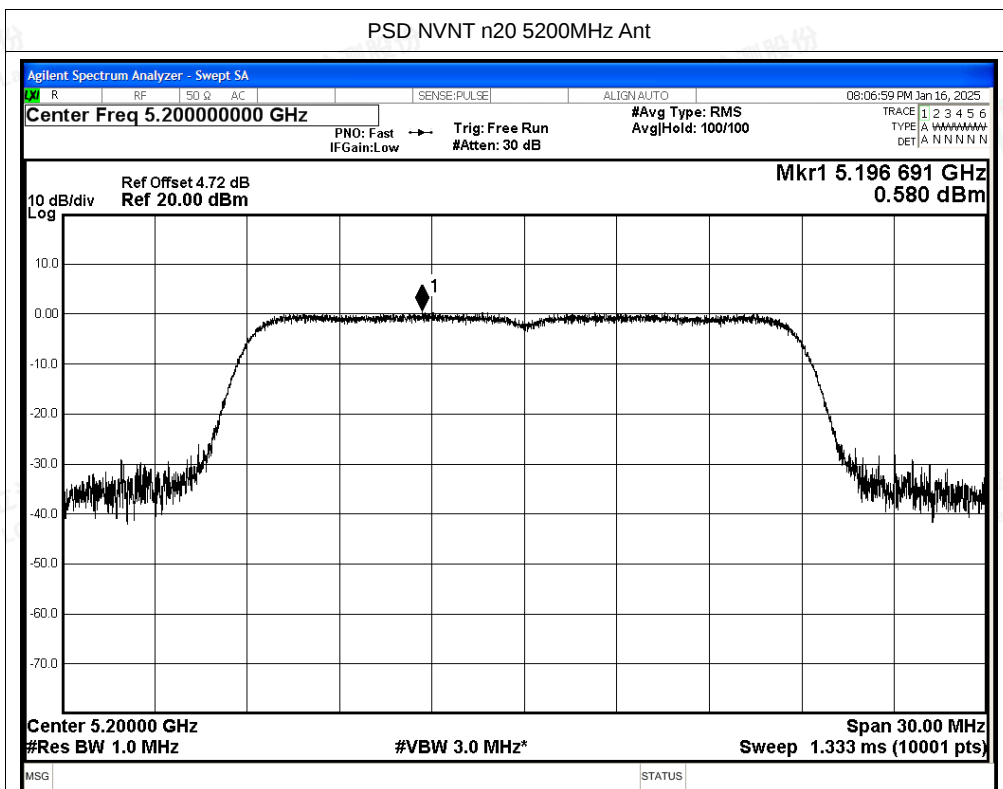


Shenzhen LCS Compliance Testing Laboratory Ltd.

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

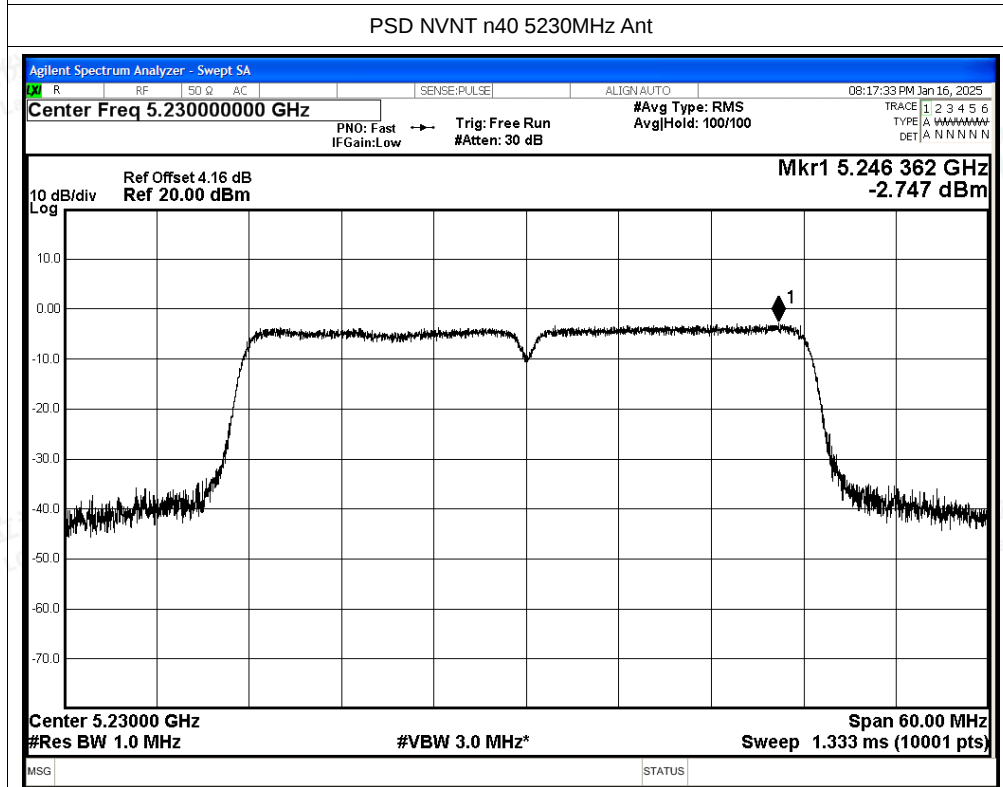
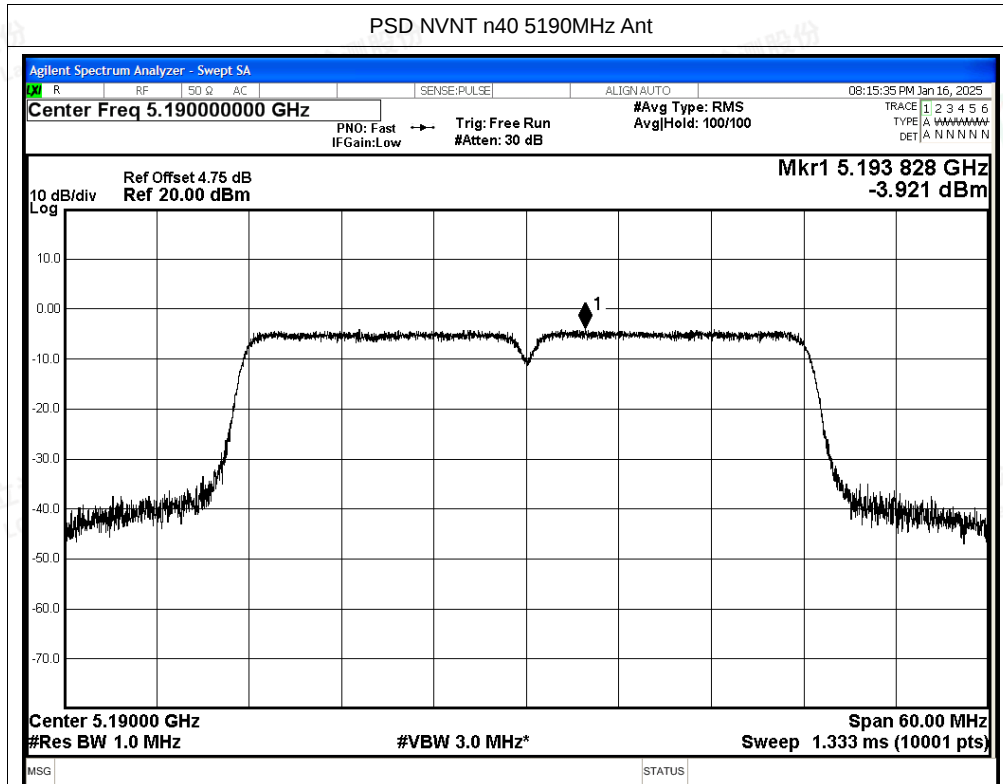


Shenzhen LCS Compliance Testing Laboratory Ltd.

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

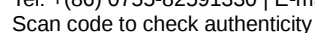
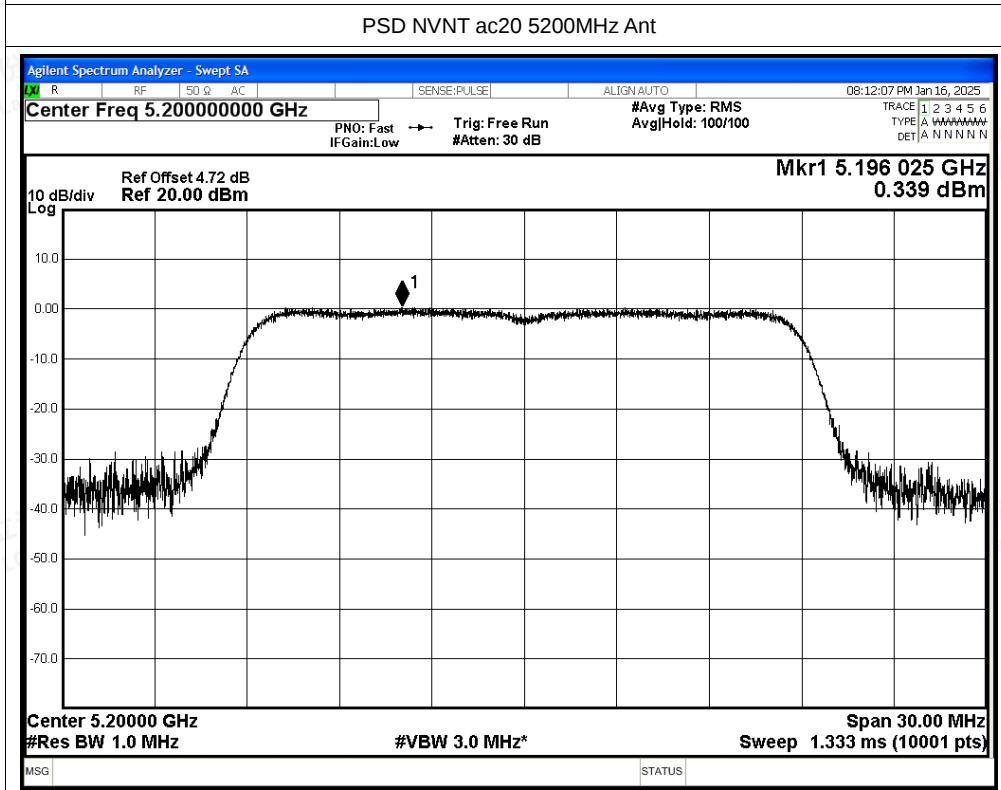


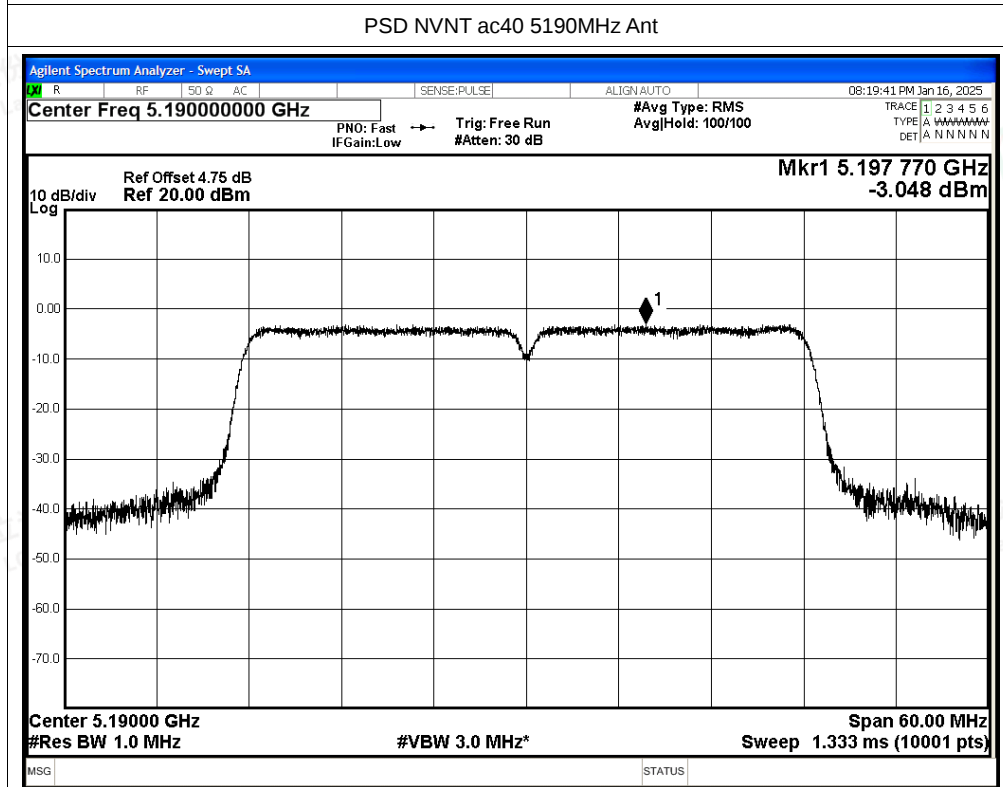
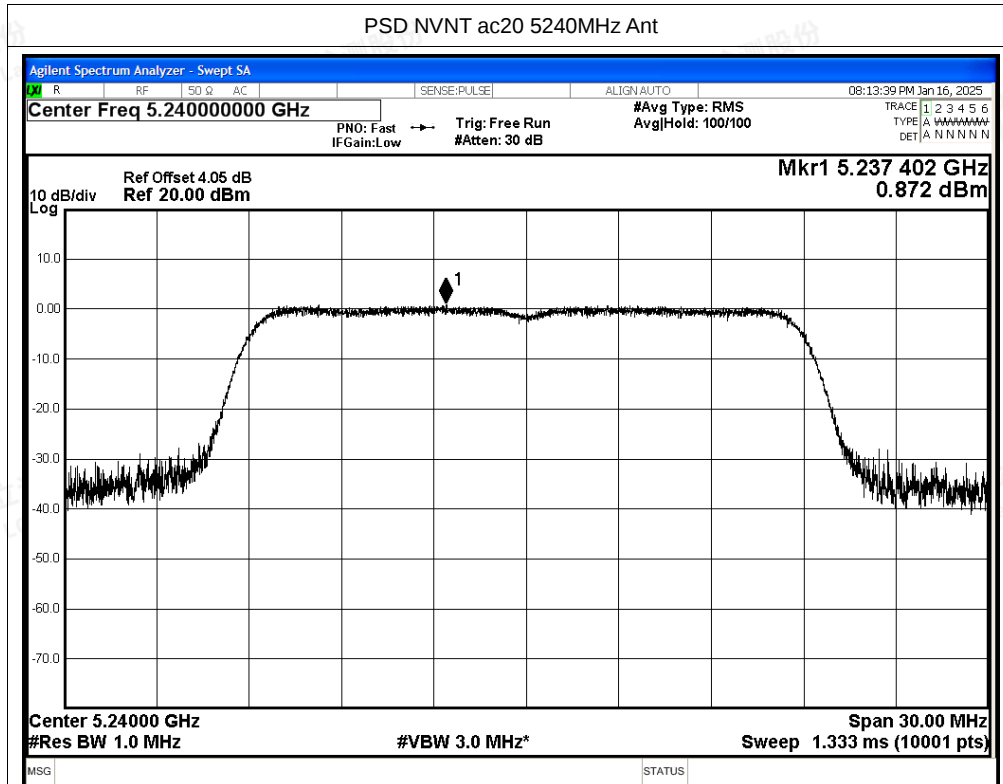
Shenzhen LCS Compliance Testing Laboratory Ltd.

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



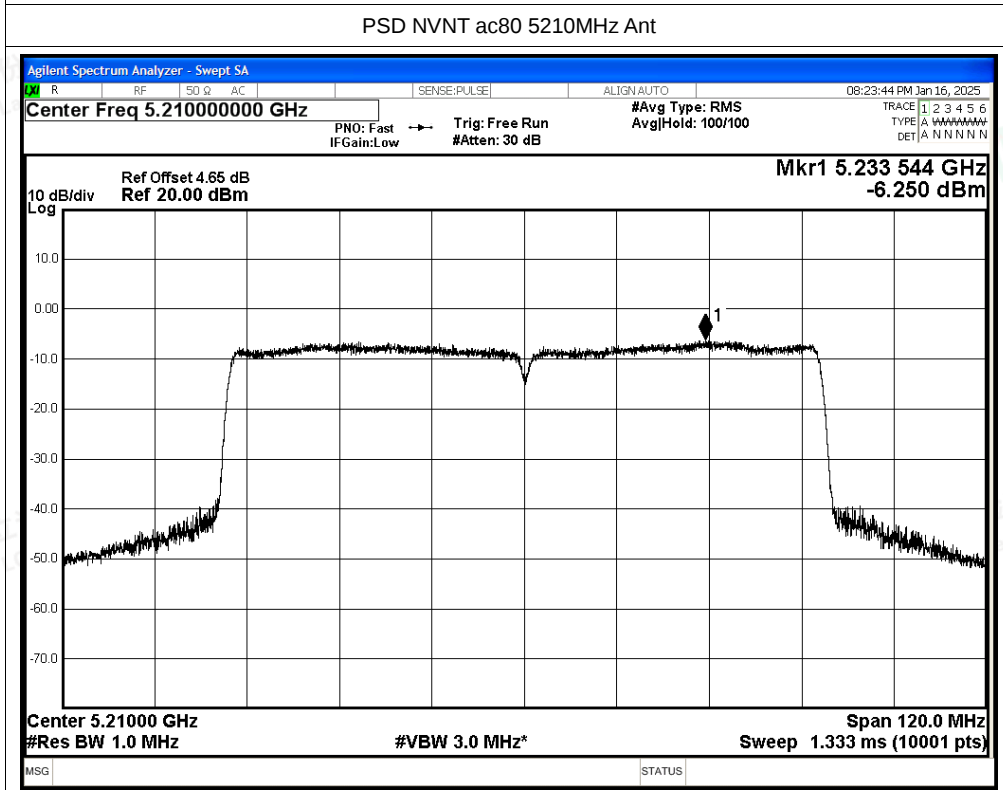
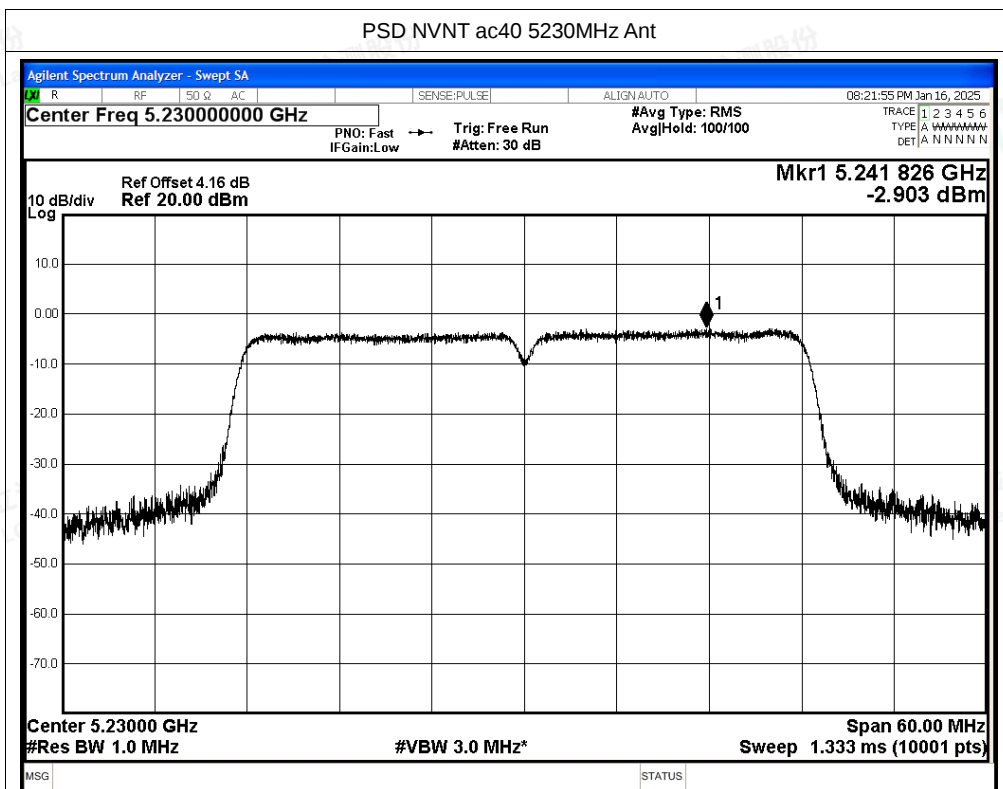


Shenzhen LCS Compliance Testing Laboratory Ltd.

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



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



D.4 Restrict Band

Condition	Mode	Frequency (MHz)	Antenna	Spur Freq (MHz)	Power (dBm)	Gain (dBi)	Duty Factor (dB)	E (dBuV/m)	Detector	Limit (dBuV/m)	Verdict
NVNT	a	5180	Ant	4500	-49.93	2	-	47.3	Peak	68.2	Pass
NVNT	a	5180	Ant	4500	-57.72	2	0.24	39.75	Average	54	Pass
NVNT	a	5180	Ant	5149.6	-42.56	2	-	54.67	Peak	68.2	Pass
NVNT	a	5180	Ant	5149.6	-54.73	2	0.24	42.74	Average	54	Pass
NVNT	a	5180	Ant	5150	-45.13	2	-	52.1	Peak	68.2	Pass
NVNT	a	5180	Ant	5150	-54.7	2	0.24	42.77	Average	54	Pass
NVNT	a	5240	Ant	5350	-48.24	2	-	48.99	Peak	68.2	Pass
NVNT	a	5240	Ant	5350	-56.77	2	0.24	40.7	Average	54	Pass
NVNT	a	5240	Ant	5373.36	-44.96	2	-	52.27	Peak	68.2	Pass
NVNT	a	5240	Ant	5353.68	-56.22	2	0.24	41.25	Average	54	Pass
NVNT	a	5240	Ant	5460	-50.51	2	-	46.72	Peak	68.2	Pass
NVNT	a	5240	Ant	5460	-57.03	2	0.24	40.44	Average	54	Pass
NVNT	n20	5180	Ant	4500	-49.92	2	-	47.31	Peak	68.2	Pass
NVNT	n20	5180	Ant	4500	-57.18	2	0.12	40.17	Average	54	Pass
NVNT	n20	5180	Ant	5149.6	-41.25	2	-	55.98	Peak	68.2	Pass
NVNT	n20	5180	Ant	5148.9	-54.13	2	0.12	43.22	Average	54	Pass
NVNT	n20	5180	Ant	5150	-40.12	2	-	57.11	Peak	68.2	Pass
NVNT	n20	5180	Ant	5150	-54.66	2	0.12	42.69	Average	54	Pass
NVNT	n20	5240	Ant	5350	-48.41	2	-	48.82	Peak	68.2	Pass
NVNT	n20	5240	Ant	5350	-57.56	2	0.12	39.79	Average	54	Pass
NVNT	n20	5240	Ant	5418.72	-46.18	2	-	51.05	Peak	68.2	Pass
NVNT	n20	5240	Ant	5436.48	-56.33	2	0.12	41.02	Average	54	Pass
NVNT	n20	5240	Ant	5460	-48.38	2	-	48.85	Peak	68.2	Pass
NVNT	n20	5240	Ant	5460	-56.98	2	0.12	40.37	Average	54	Pass
NVNT	n40	5190	Ant	4500	-49.42	2	-	47.81	Peak	68.2	Pass
NVNT	n40	5190	Ant	4500	-56.93	2	0.24	40.54	Average	54	Pass
NVNT	n40	5190	Ant	5148.97	-41.36	2	-	55.87	Peak	68.2	Pass
NVNT	n40	5190	Ant	5149.7	-53.35	2	0.24	44.12	Average	54	Pass
NVNT	n40	5190	Ant	5150	-41.85	2	-	55.38	Peak	68.2	Pass
NVNT	n40	5190	Ant	5150	-53.35	2	0.24	44.12	Average	54	Pass
NVNT	n40	5230	Ant	5350	-48.83	2	-	48.4	Peak	68.2	Pass
NVNT	n40	5230	Ant	5350	-56.95	2	0.24	40.52	Average	54	Pass
NVNT	n40	5230	Ant	5422.47	-45.88	2	-	51.35	Peak	68.2	Pass
NVNT	n40	5230	Ant	5401.95	-56.27	2	0.24	41.2	Average	54	Pass
NVNT	n40	5230	Ant	5460	-48.87	2	-	48.36	Peak	68.2	Pass
NVNT	n40	5230	Ant	5460	-56.86	2	0.24	40.61	Average	54	Pass
NVNT	ac20	5180	Ant	4500	-49.75	2	-	47.48	Peak	68.2	Pass



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



NVNT	ac20	5180	Ant	4500	-57.49	2	0.12	39.86	Average	54	Pass
NVNT	ac20	5180	Ant	5149.6	-43.52	2	-	53.71	Peak	68.2	Pass
NVNT	ac20	5180	Ant	5148.9	-54.4	2	0.12	42.95	Average	54	Pass
NVNT	ac20	5180	Ant	5150	-42.32	2	-	54.91	Peak	68.2	Pass
NVNT	ac20	5180	Ant	5150	-54.46	2	0.12	42.89	Average	54	Pass
NVNT	ac20	5240	Ant	5350	-50.12	2	-	47.11	Peak	68.2	Pass
NVNT	ac20	5240	Ant	5350	-57.2	2	0.12	40.15	Average	54	Pass
NVNT	ac20	5240	Ant	5432.4	-46.06	2	-	51.17	Peak	68.2	Pass
NVNT	ac20	5240	Ant	5418	-56.35	2	0.12	41	Average	54	Pass
NVNT	ac20	5240	Ant	5460	-46.86	2	-	50.37	Peak	68.2	Pass
NVNT	ac20	5240	Ant	5460	-57.09	2	0.12	40.26	Average	54	Pass
NVNT	ac40	5190	Ant	4500	-48.18	2	-	49.05	Peak	68.2	Pass
NVNT	ac40	5190	Ant	4500	-57.83	2	0.23	39.63	Average	54	Pass
NVNT	ac40	5190	Ant	5148.97	-38.05	2	-	59.18	Peak	68.2	Pass
NVNT	ac40	5190	Ant	5148.97	-53.52	2	0.23	43.94	Average	54	Pass
NVNT	ac40	5190	Ant	5150	-43.39	2	-	53.84	Peak	68.2	Pass
NVNT	ac40	5190	Ant	5150	-53.59	2	0.23	43.87	Average	54	Pass
NVNT	ac40	5230	Ant	5350	-49.63	2	-	47.6	Peak	68.2	Pass
NVNT	ac40	5230	Ant	5350	-56.9	2	0.24	40.57	Average	54	Pass
NVNT	ac40	5230	Ant	5383.86	-46.77	2	-	50.46	Peak	68.2	Pass
NVNT	ac40	5230	Ant	5408.16	-56.15	2	0.24	41.32	Average	54	Pass
NVNT	ac40	5230	Ant	5460	-49.1	2	-	48.13	Peak	68.2	Pass
NVNT	ac40	5230	Ant	5460	-57.38	2	0.24	40.09	Average	54	Pass
NVNT	ac80	5210	Ant	5350	-47.97	2	-	49.26	Peak	68.2	Pass
NVNT	ac80	5210	Ant	5350	-56.04	2	0.47	41.66	Average	54	Pass
NVNT	ac80	5210	Ant	5370.9	-45.83	2	-	51.4	Peak	68.2	Pass
NVNT	ac80	5210	Ant	5353.08	-55.21	2	0.47	42.49	Average	54	Pass
NVNT	ac80	5210	Ant	5460	-48.7	2	-	48.53	Peak	68.2	Pass
NVNT	ac80	5210	Ant	5460	-56.29	2	0.47	41.41	Average	54	Pass
NVNT	ac80	5210	Ant	4500	-49.67	2	-	47.56	Peak	68.2	Pass
NVNT	ac80	5210	Ant	4500	-57.47	2	0.47	40.23	Average	54	Pass
NVNT	ac80	5210	Ant	5149.38	-40.14	2	-	57.09	Peak	68.2	Pass
NVNT	ac80	5210	Ant	5149.38	-53.37	2	0.47	44.33	Average	54	Pass
NVNT	ac80	5210	Ant	5150	-42.35	2	-	54.88	Peak	68.2	Pass
NVNT	ac80	5210	Ant	5150	-53.04	2	0.47	44.66	Average	54	Pass



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

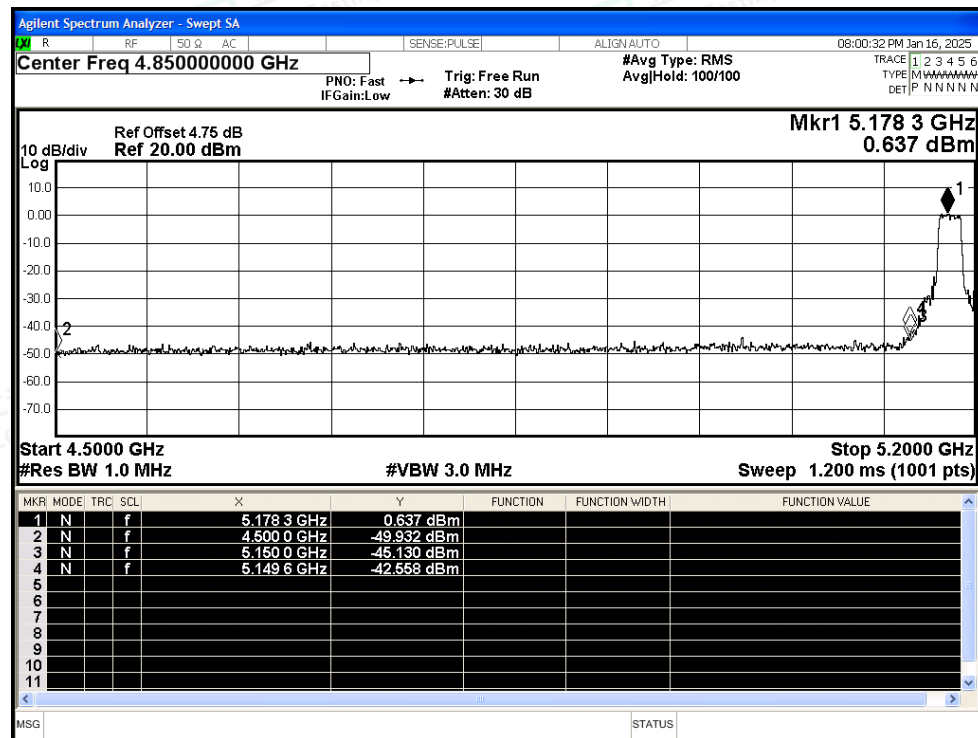
Tel: +(86) 0755-82591330 | E-mail: webmaster@lcs-cert.com | Web: www.lcs-cert.com

Scan code to check authenticity

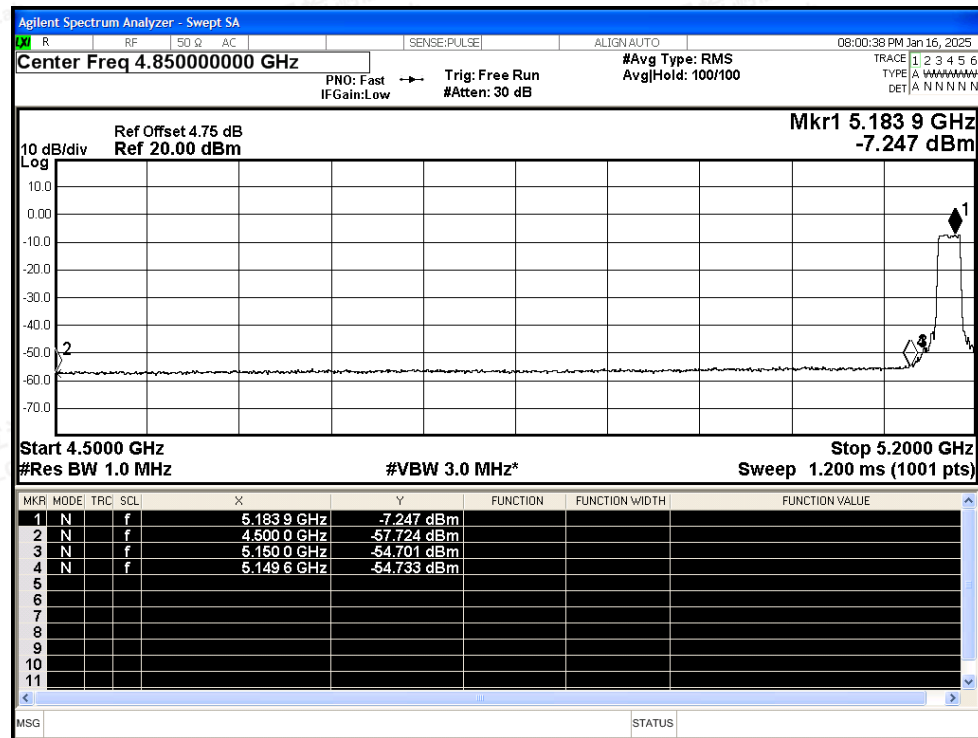


Test Graphs

Restrict Band NVNT a 5180MHz Ant Peak



Restrict Band NVNT a 5180MHz Ant Average



Shenzhen LCS Compliance Testing Laboratory Ltd.

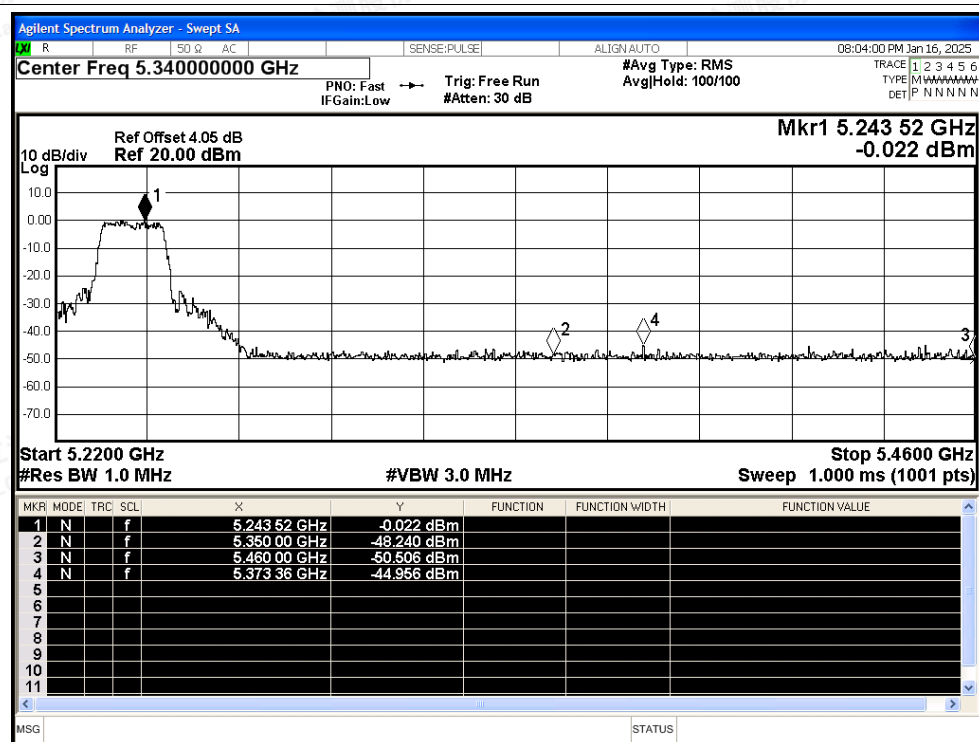
Add: 101, 201 Bldg A & 301 Bldg C, Juji Industrial Park Yabianxueziwei, Shajing Street, Baoan District, Shenzhen, 518000, China

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

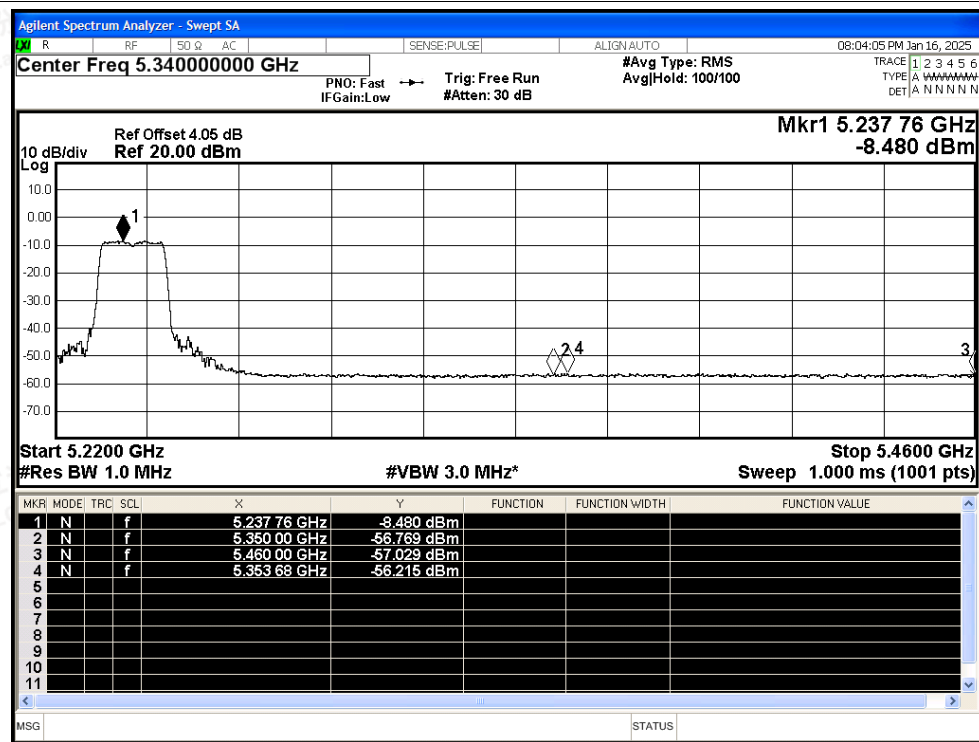
Scan code to check authenticity



Restrict Band NVNT a 5240MHz Ant Peak



Restrict Band NVNT a 5240MHz Ant Average



Shenzhen LCS Compliance Testing Laboratory Ltd.

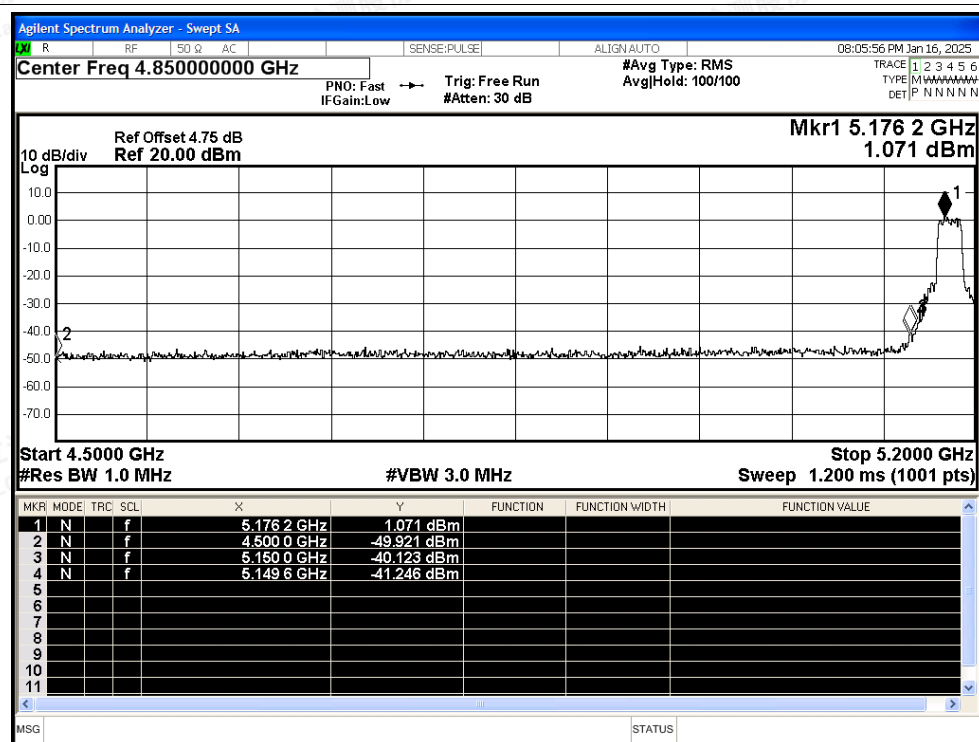
Add: 101, 201 Bldg A & 301 Bldg C, Juji Industrial Park Yabianxueziwei, Shajing Street, Baoan District, Shenzhen, 518000, China

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

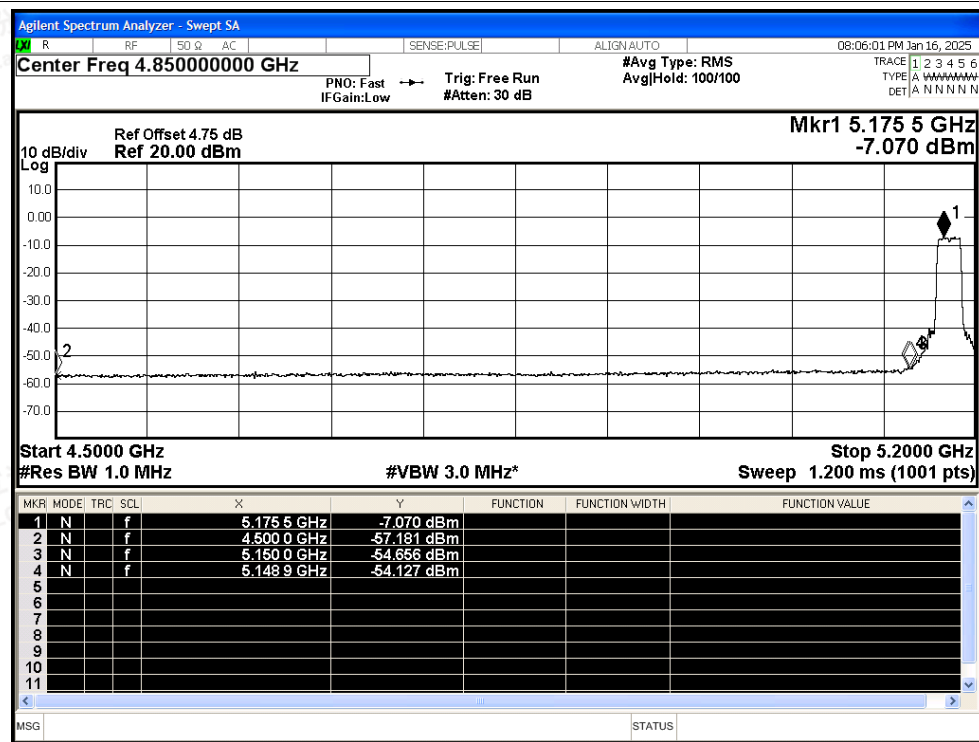
Scan code to check authenticity



Restrict Band NVNT n20 5180MHz Ant Peak



Restrict Band NVNT n20 5180MHz Ant Average



Shenzhen LCS Compliance Testing Laboratory Ltd.

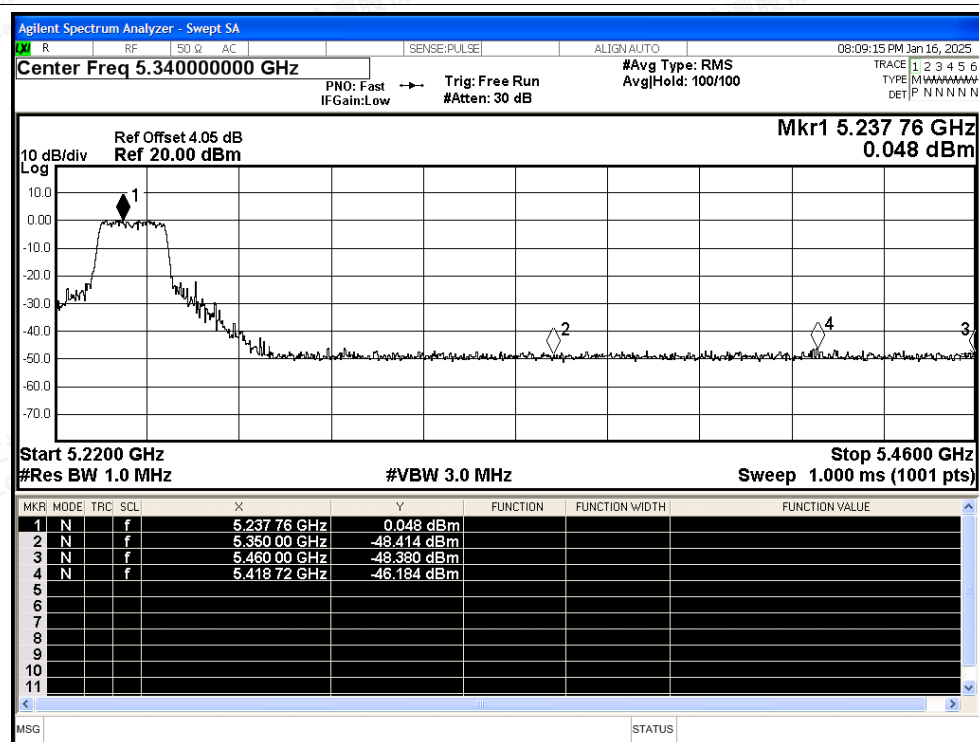
Add: 101, 201 Bldg A & 301 Bldg C, Juji Industrial Park Yabianxueziwei, Shajing Street, Baoan District, Shenzhen, 518000, China

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

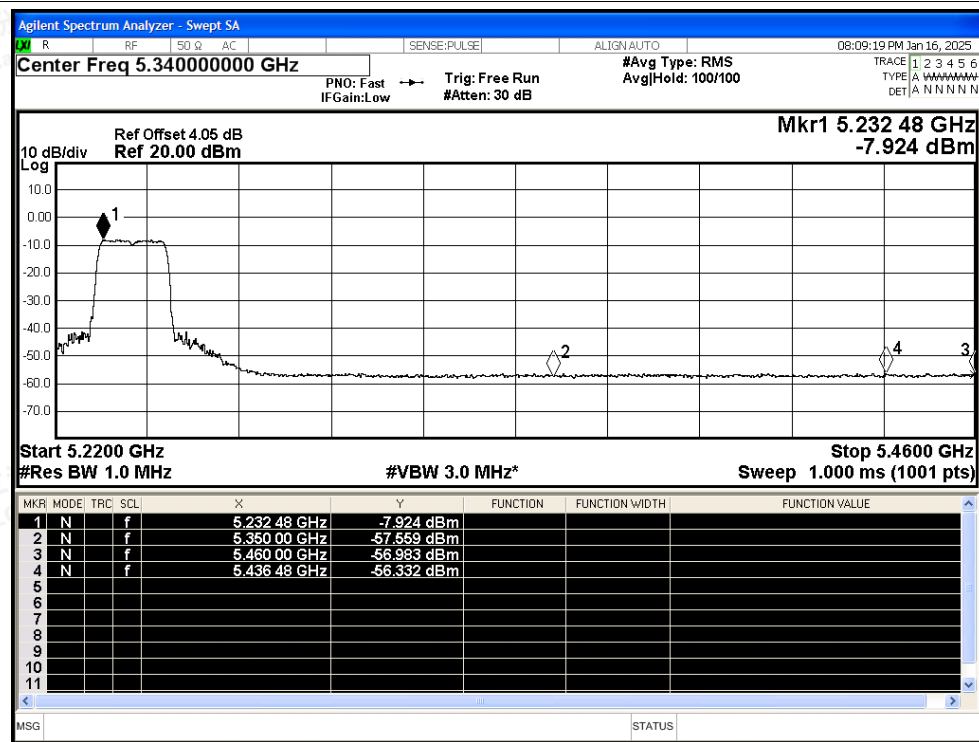
Scan code to check authenticity



Restrict Band NVNT n20 5240MHz Ant Peak



Restrict Band NVNT n20 5240MHz Ant Average



Shenzhen LCS Compliance Testing Laboratory Ltd.

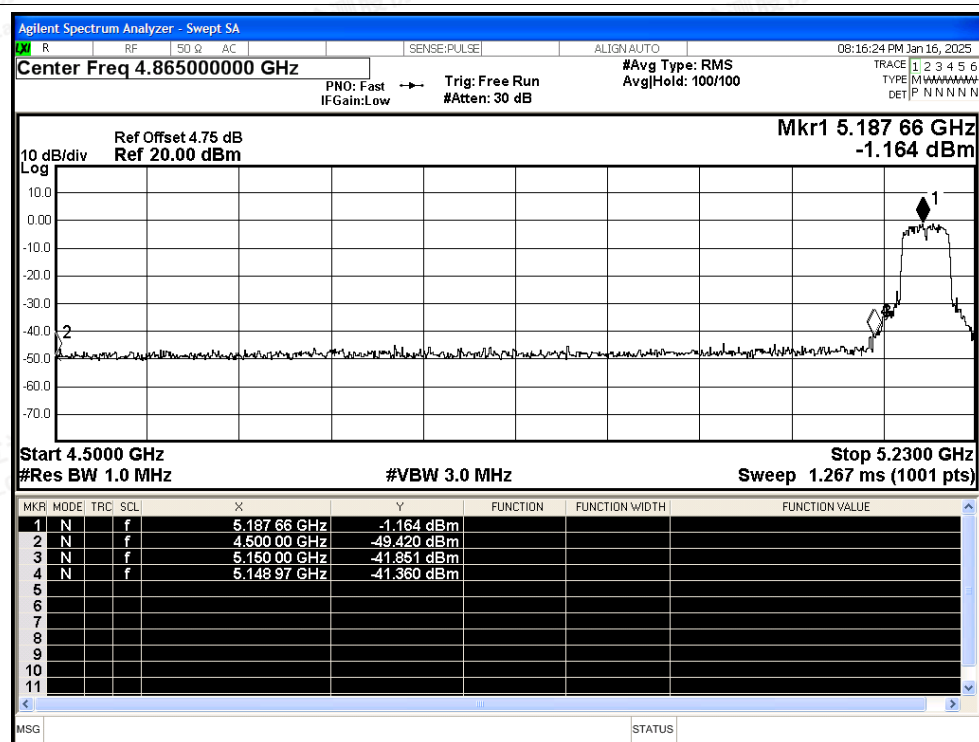
Add: 101, 201 Bldg A & 301 Bldg C, Juji Industrial Park Yabianxueziwei, Shajing Street, Baoan District, Shenzhen, 518000, China

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

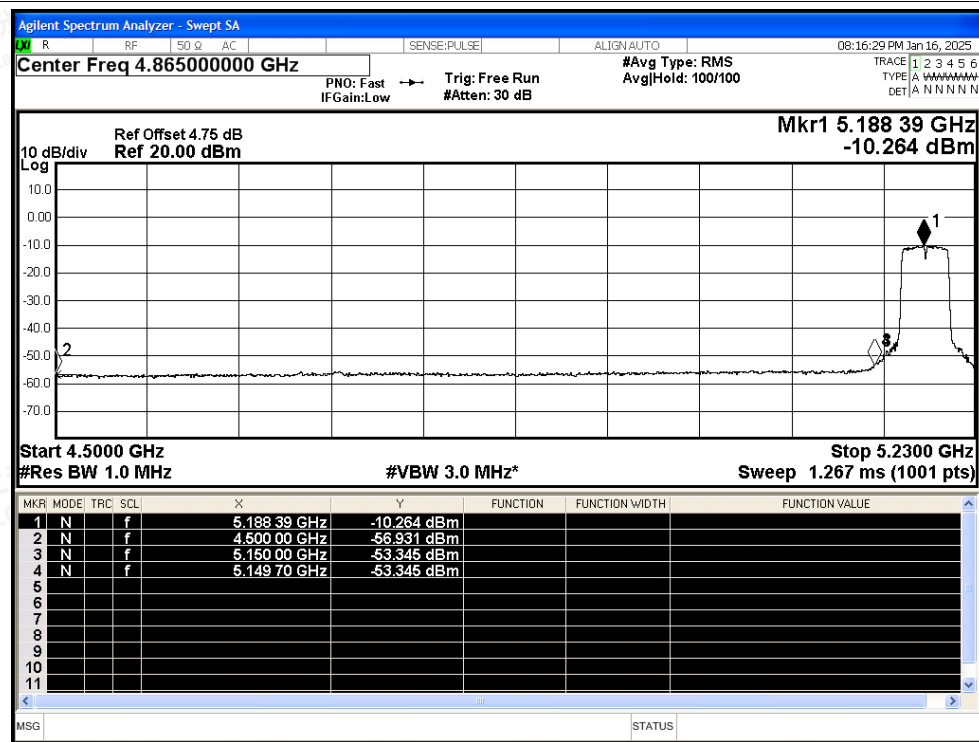
Scan code to check authenticity



Restrict Band NVNT n40 5190MHz Ant Peak



Restrict Band NVNT n40 5190MHz Ant Average



Shenzhen LCS Compliance Testing Laboratory Ltd.

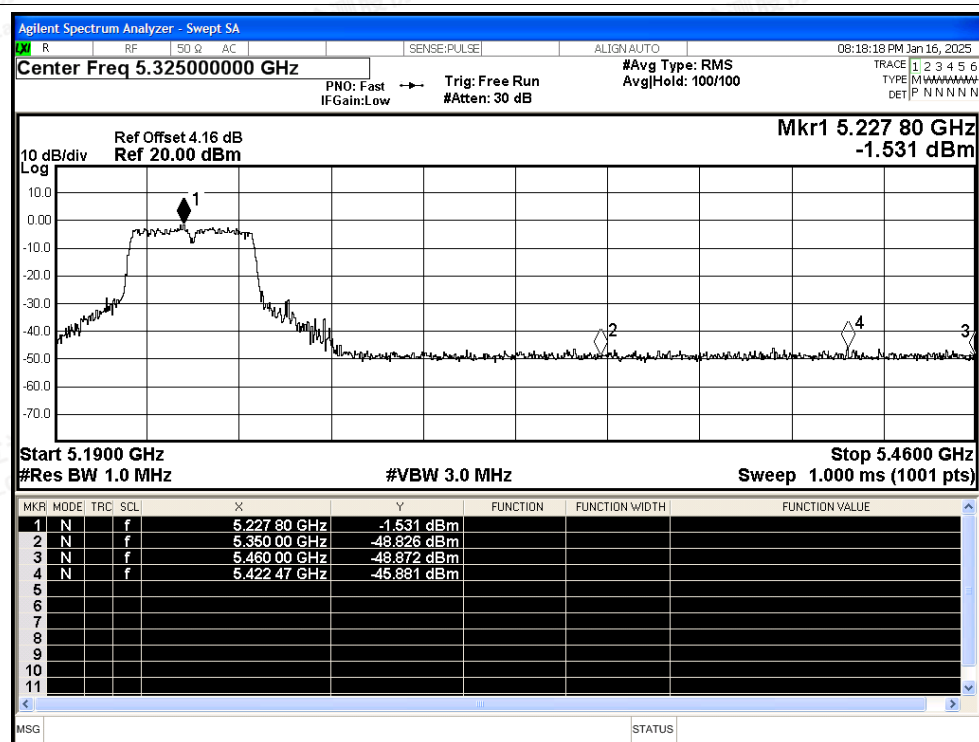
Add: 101, 201 Bldg A & 301 Bldg C, Juji Industrial Park Yabianxueziwei, Shajing Street, Baoan District, Shenzhen, 518000, China

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

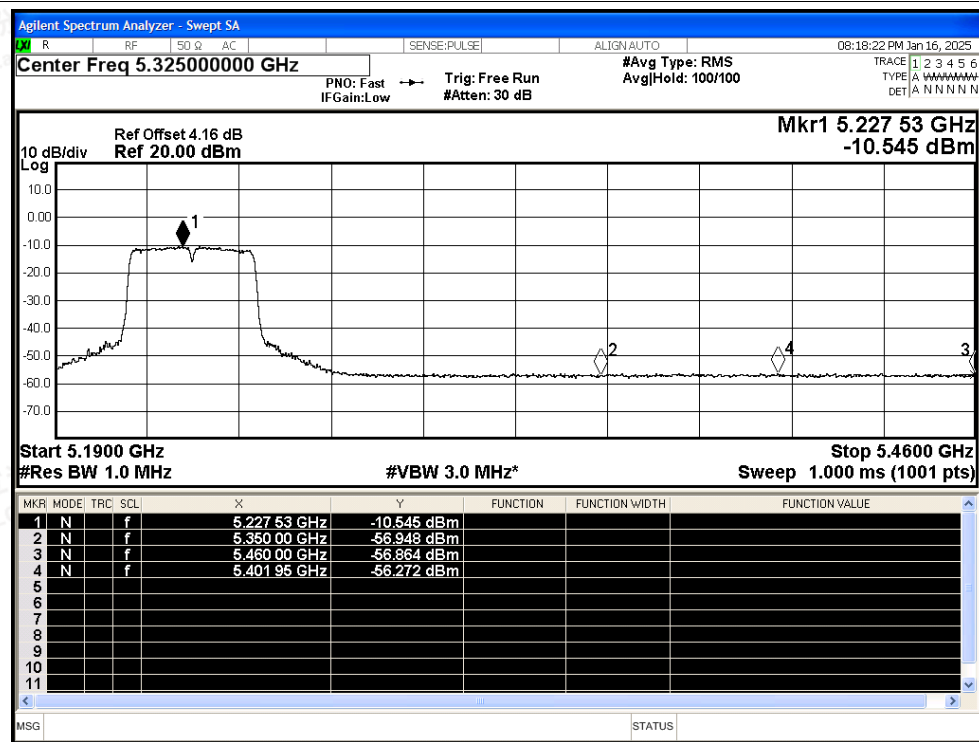
Scan code to check authenticity



Restrict Band NVNT n40 5230MHz Ant Peak



Restrict Band NVNT n40 5230MHz Ant Average



Shenzhen LCS Compliance Testing Laboratory Ltd.

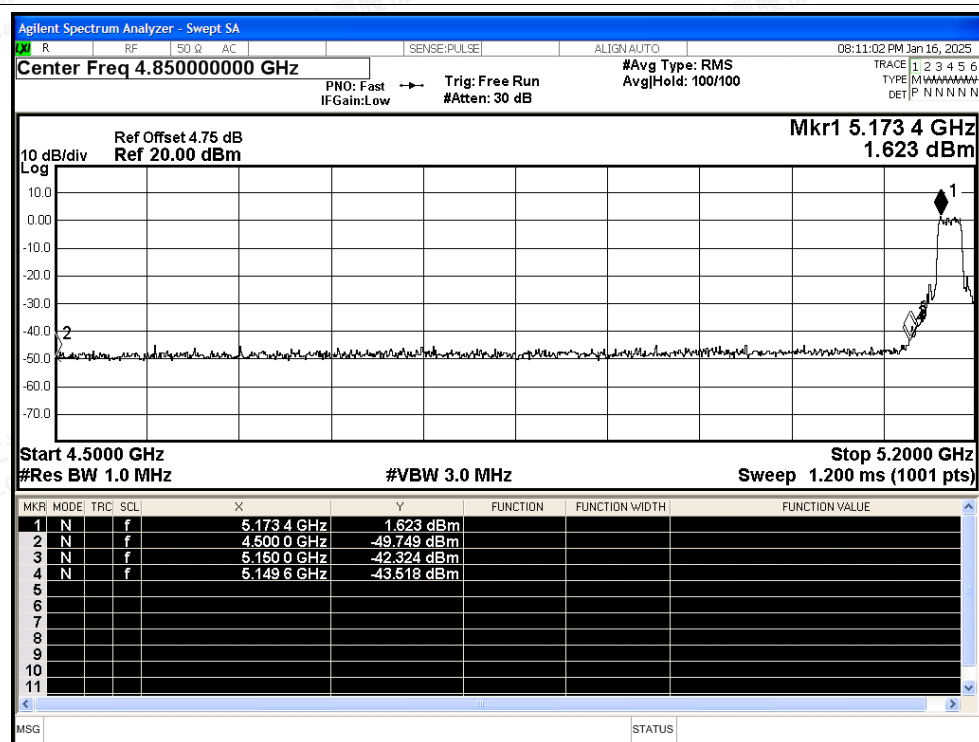
Add: 101, 201 Bldg A & 301 Bldg C, Juji Industrial Park Yabianxueziwei, Shajing Street, Baoan District, Shenzhen, 518000, China

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

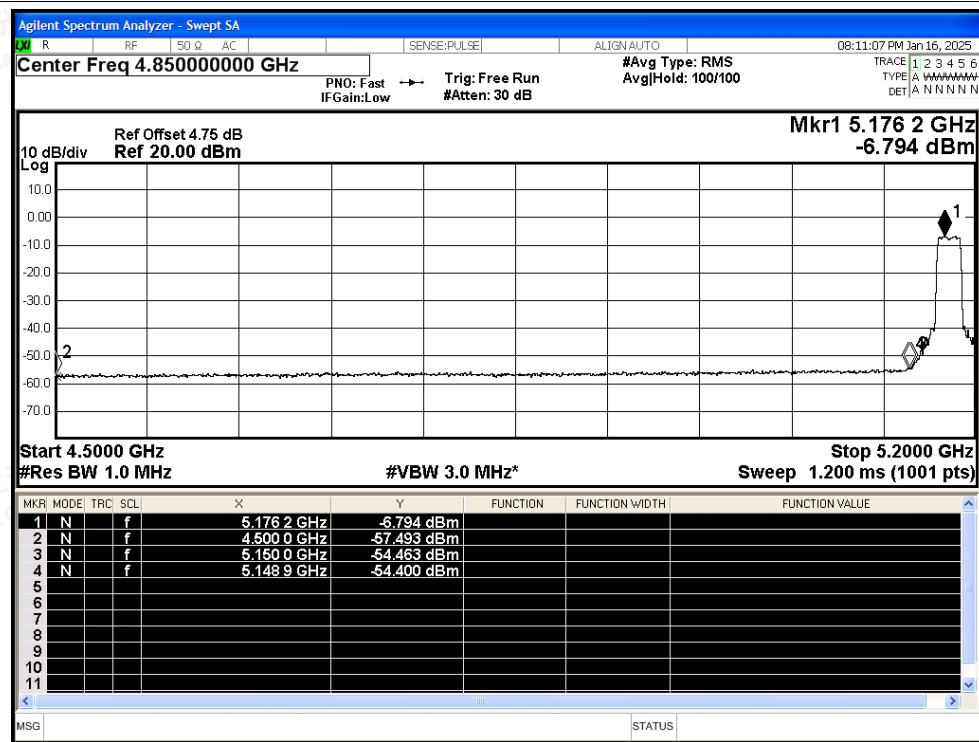
Scan code to check authenticity



Restrict Band NVNT ac20 5180MHz Ant Peak



Restrict Band NVNT ac20 5180MHz Ant Average



Shenzhen LCS Compliance Testing Laboratory Ltd.

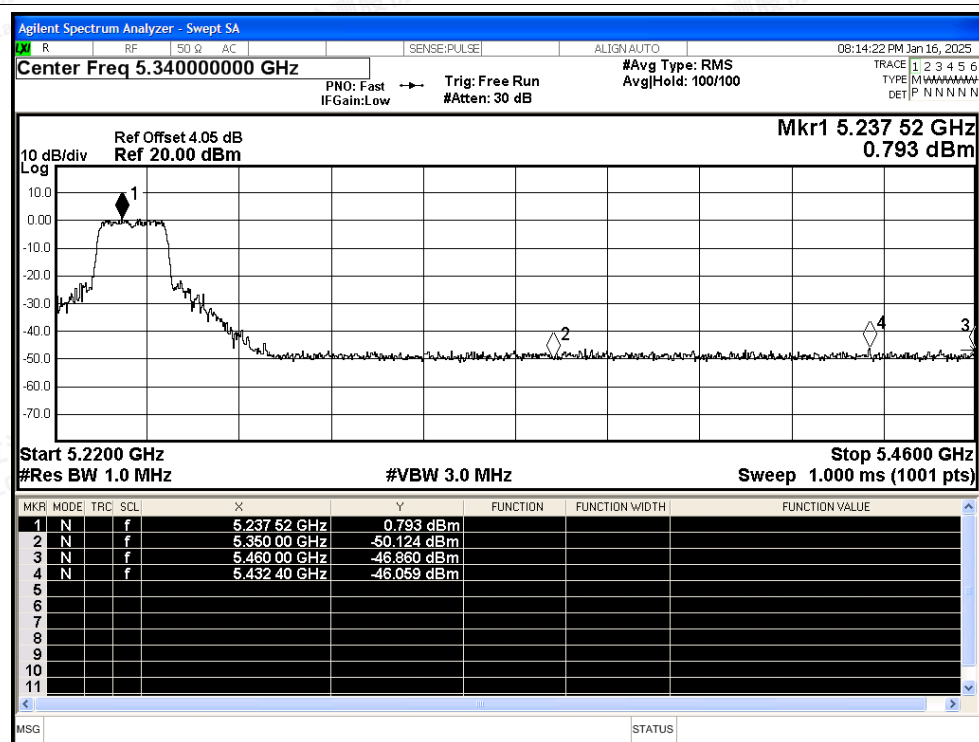
Add: 101, 201 Bldg A & 301 Bldg C, Juji Industrial Park Yabianxueziwei, Shajing Street, Baoan District, Shenzhen, 518000, China

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

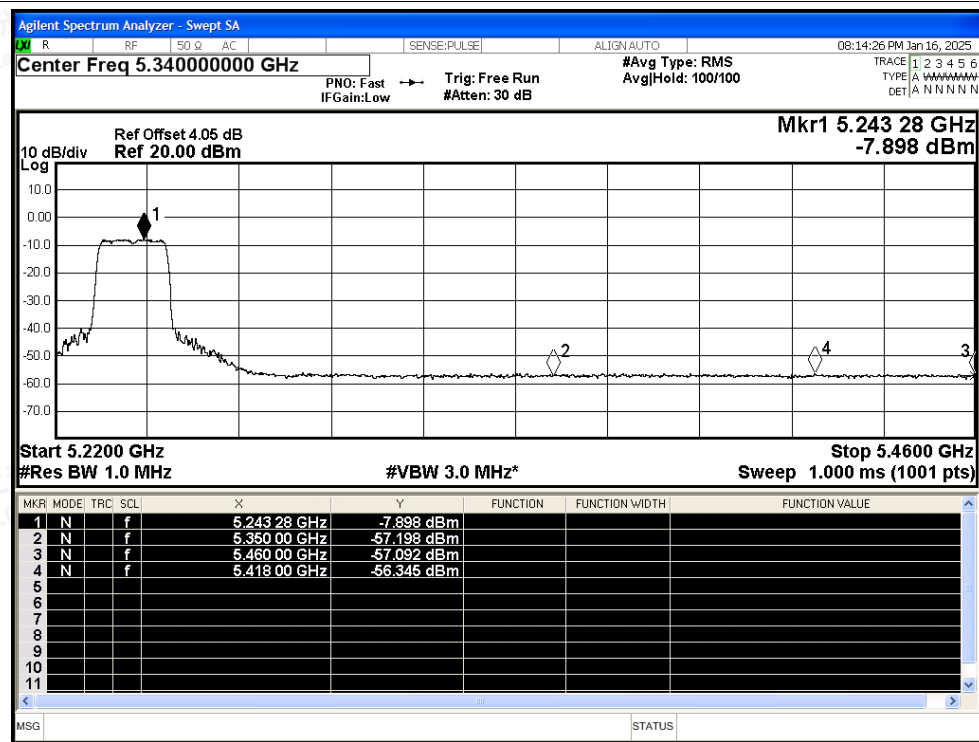
Scan code to check authenticity



Restrict Band NVNT ac20 5240MHz Ant Peak



Restrict Band NVNT ac20 5240MHz Ant Average



Shenzhen LCS Compliance Testing Laboratory Ltd.

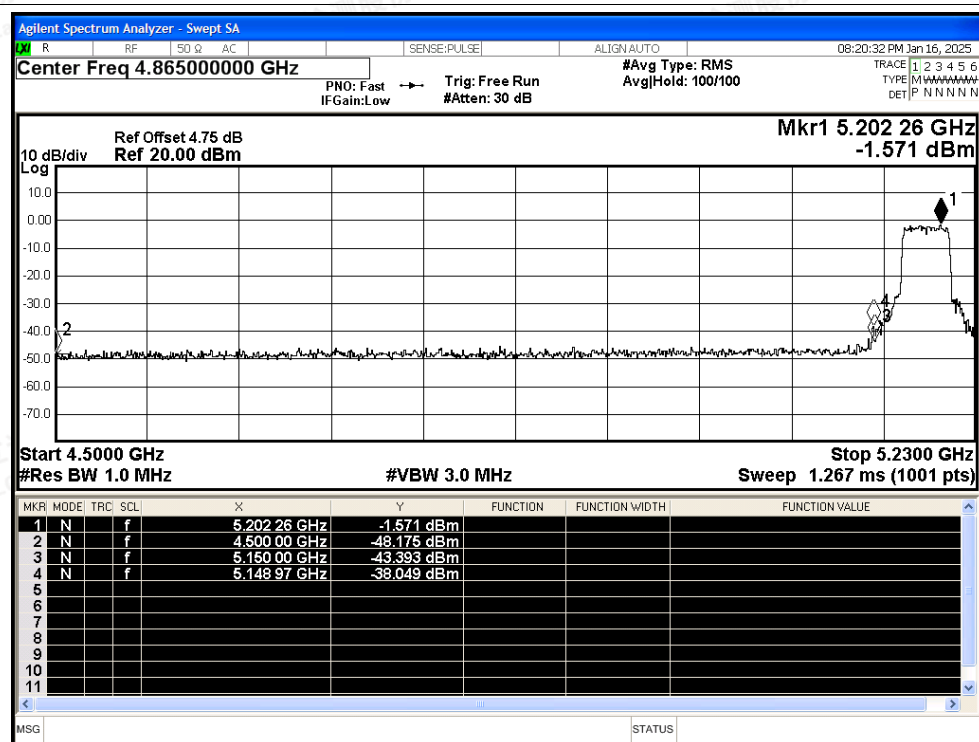
Add: 101, 201 Bldg A & 301 Bldg C, Juji Industrial Park Yabianxueziwei, Shajing Street, Baoan District, Shenzhen, 518000, China

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

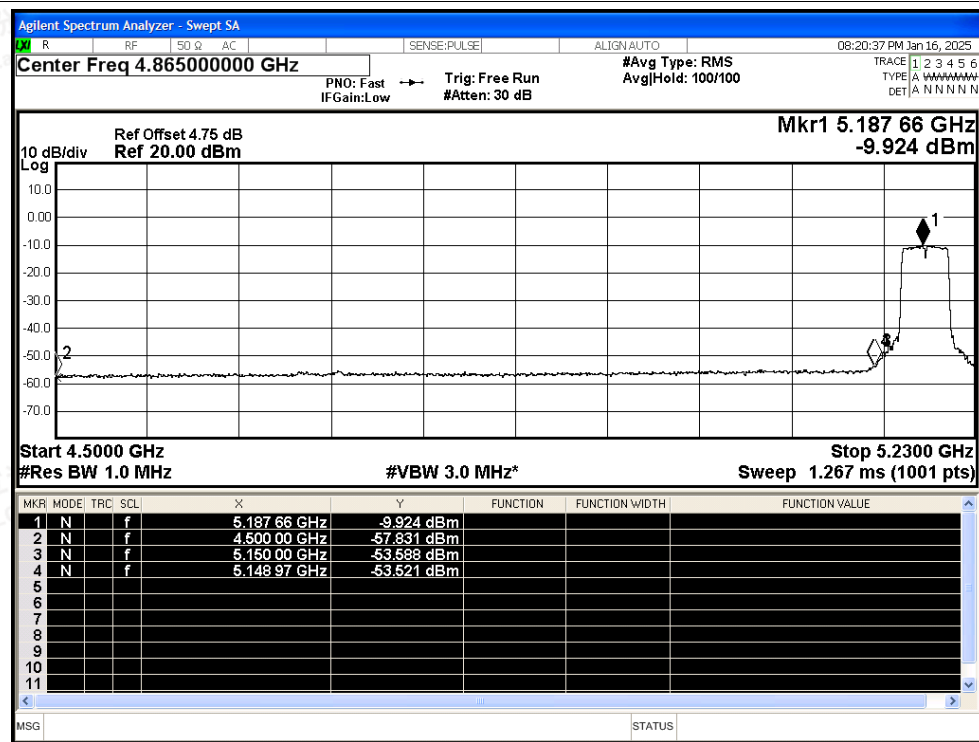
Scan code to check authenticity



Restrict Band NVNT ac40 5190MHz Ant Peak



Restrict Band NVNT ac40 5190MHz Ant Average



Shenzhen LCS Compliance Testing Laboratory Ltd.

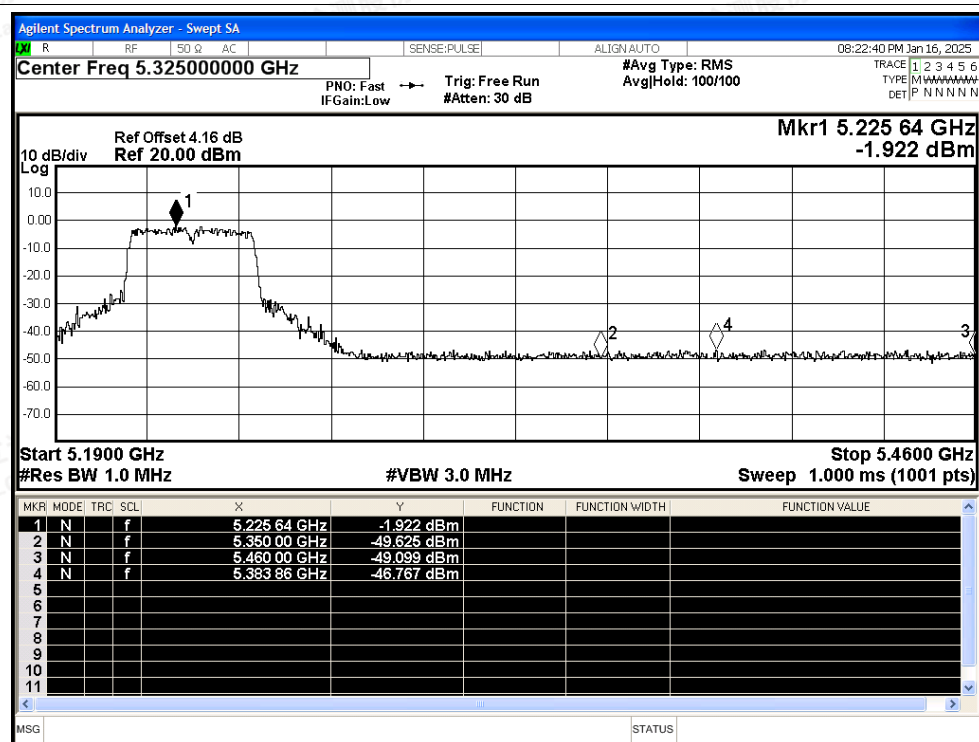
Add: 101, 201 Bldg A & 301 Bldg C, Juji Industrial Park Yabianxueziwei, Shajing Street, Baoan District, Shenzhen, 518000, China

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

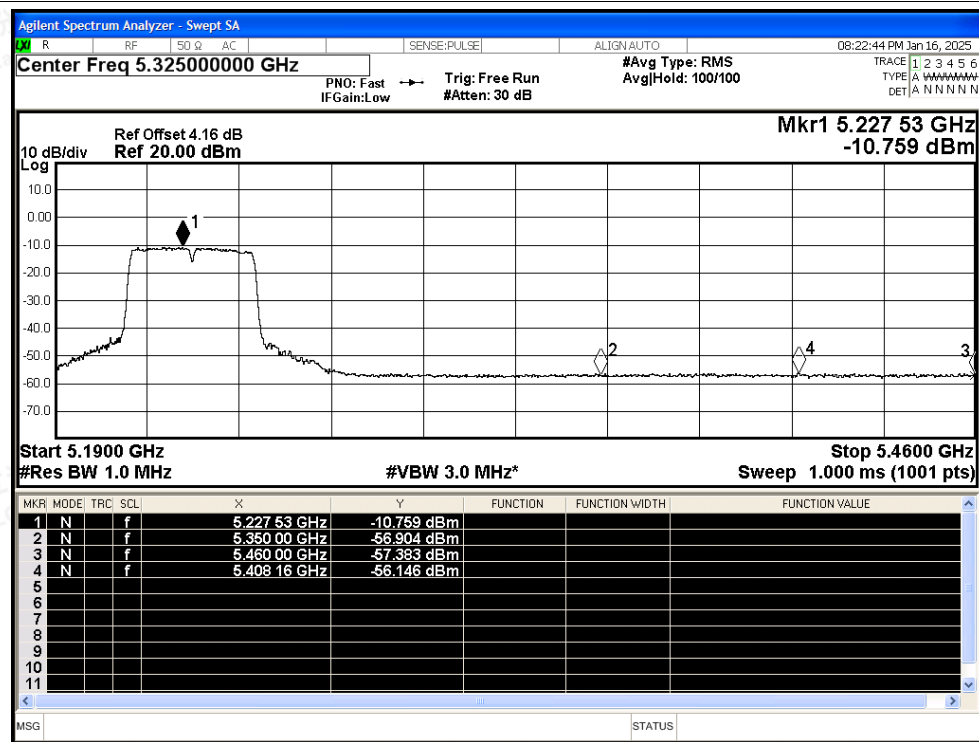
Scan code to check authenticity



Restrict Band NVNT ac40 5230MHz Ant Peak



Restrict Band NVNT ac40 5230MHz Ant Average



Shenzhen LCS Compliance Testing Laboratory Ltd.

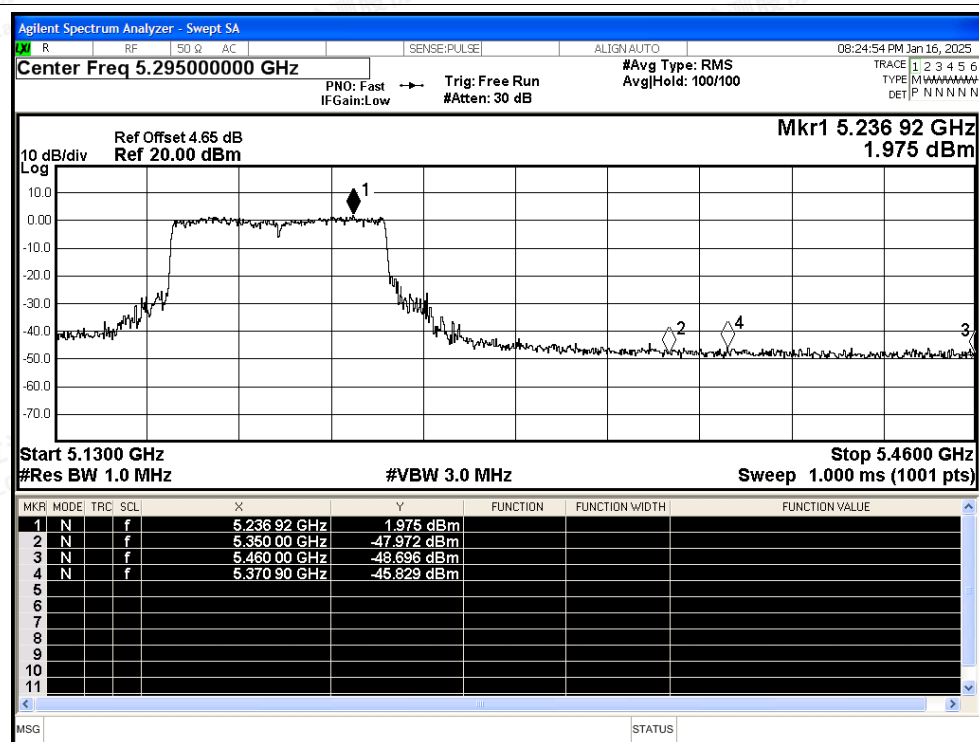
Add: 101, 201 Bldg A & 301 Bldg C, Juji Industrial Park Yabianxueziwei, Shajing Street, Baoan District, Shenzhen, 518000, China

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

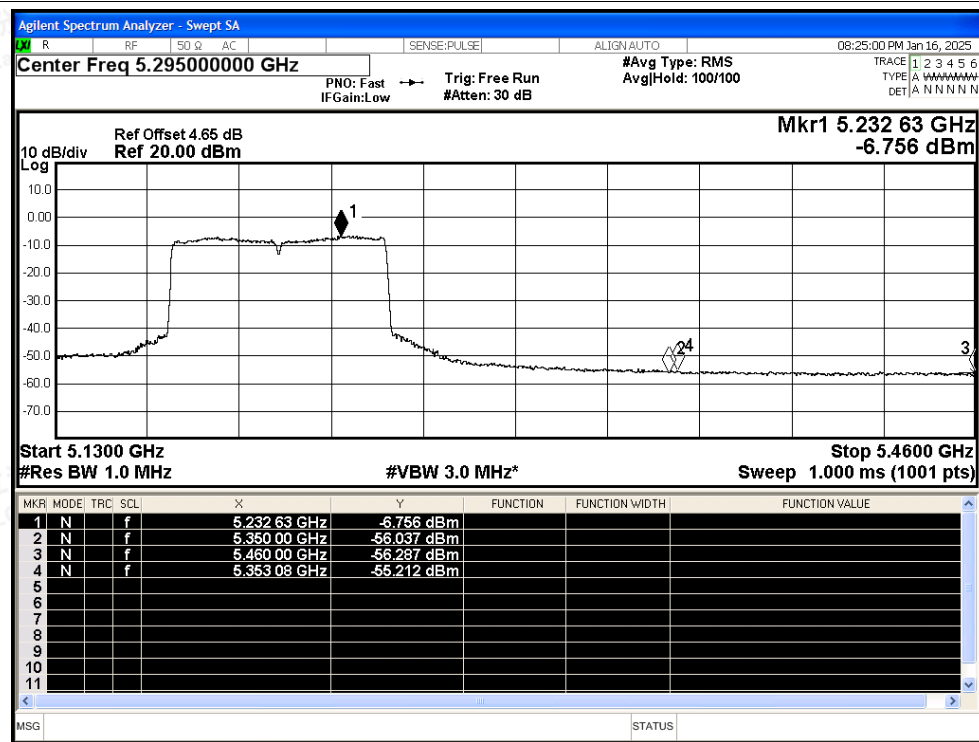
Scan code to check authenticity



Restrict Band NVNT ac80 5210MHz Ant Peak



Restrict Band NVNT ac80 5210MHz Ant Average



Shenzhen LCS Compliance Testing Laboratory Ltd.

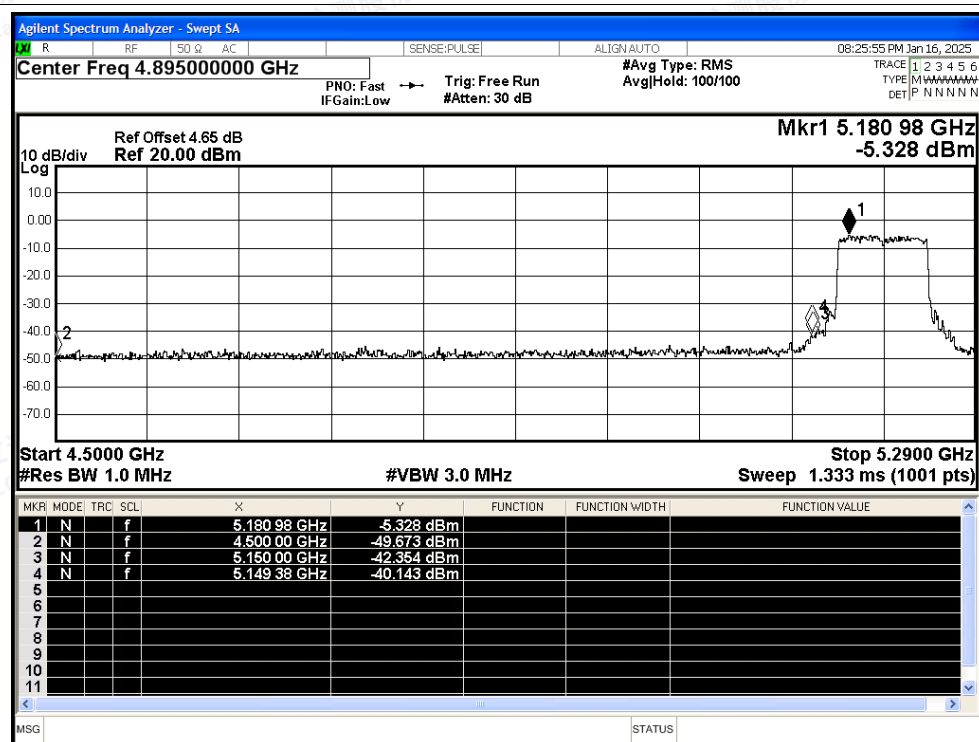
Add: 101, 201 Bldg A & 301 Bldg C, Juji Industrial Park Yabianxueziwei, Shajing Street, Baoan District, Shenzhen, 518000, China

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

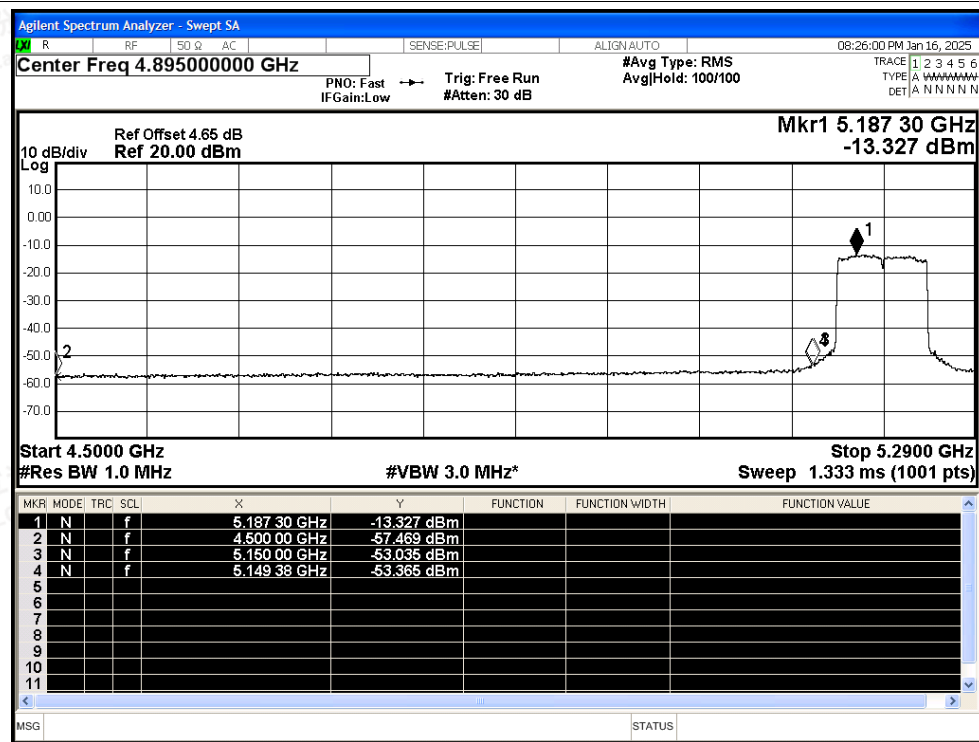
Scan code to check authenticity



Restrict Band NVNT ac80 5210MHz Ant Peak



Restrict Band NVNT ac80 5210MHz Ant 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



D.5 Frequency Stability

Condition	Mode	Frequency (MHz)	Antenna	Measured Frequency (MHz)	Frequency Error (Hz)	Deviation (ppm)	Limit (ppm)	Verdict
NVNT	a	5180	Ant	5180	0	0	25	Pass
NVNT	a	5200	Ant	5200	0	0	25	Pass
NVNT	a	5240	Ant	5240	0	0	25	Pass
NVNT	n20	5180	Ant	5179.98	-20000	-3.86	25	Pass
NVNT	n20	5200	Ant	5199.98	-20000	-3.85	25	Pass
NVNT	n20	5240	Ant	5239.98	-20000	-3.82	25	Pass
NVNT	n40	5190	Ant	5190	0	0	25	Pass
NVNT	n40	5230	Ant	5230	0	0	25	Pass
NVNT	ac20	5180	Ant	5180	0	0	25	Pass
NVNT	ac20	5200	Ant	5199.98	-20000	-3.85	25	Pass
NVNT	ac20	5240	Ant	5239.98	-20000	-3.82	25	Pass
NVNT	ac40	5190	Ant	5190	0	0	25	Pass
NVNT	ac40	5230	Ant	5230	0	0	25	Pass
NVNT	ac80	5210	Ant	5210	0	0	25	Pass



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

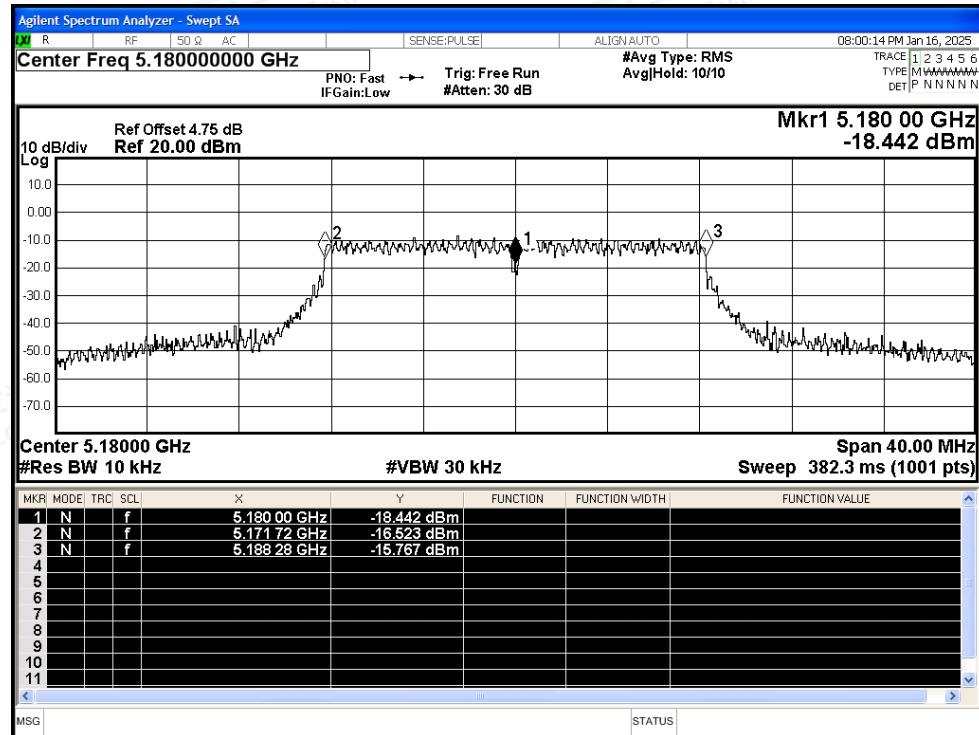
Tel: +(86) 0755-82591330 | E-mail: webmaster@lcs-cert.com | Web: www.lcs-cert.com

Scan code to check authenticity

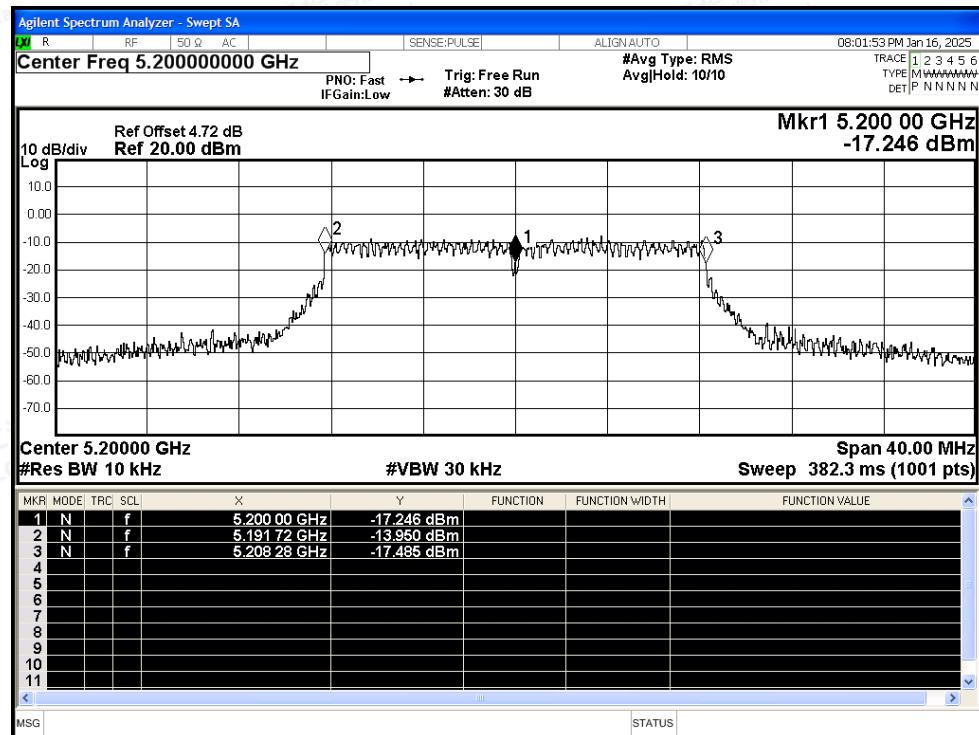


Test Graphs

Freq. Stability NVNT a 5180MHz Ant



Freq. Stability NVNT a 5200MHz Ant



Shenzhen LCS Compliance Testing Laboratory Ltd.

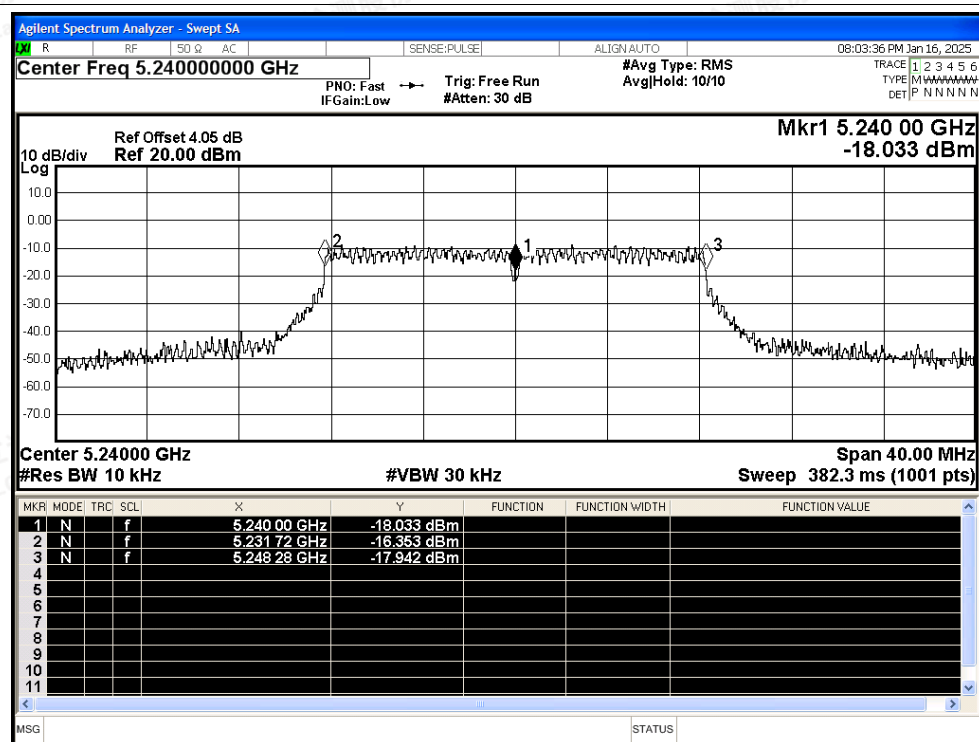
Add: 101, 201 Bldg A & 301 Bldg C, Juji Industrial Park Yabianxueziwei, Shajing Street, Baoan District, Shenzhen, 518000, China

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

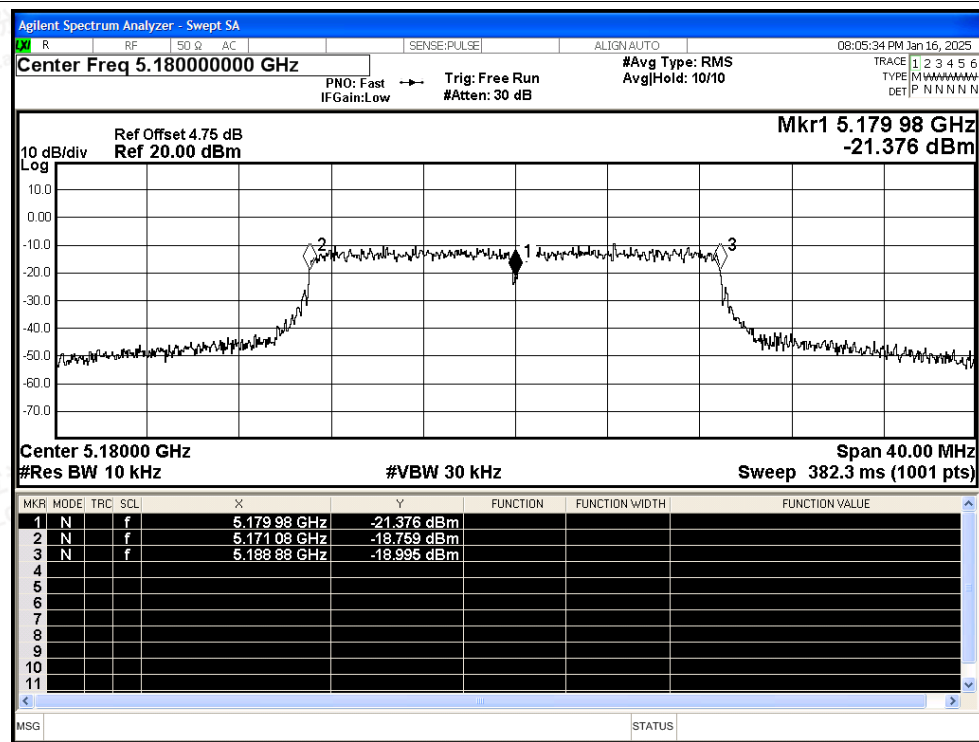
Scan code to check authenticity



Freq. Stability NVNT a 5240MHz Ant



Freq. Stability NVNT n20 5180MHz Ant



Shenzhen LCS Compliance Testing Laboratory Ltd.

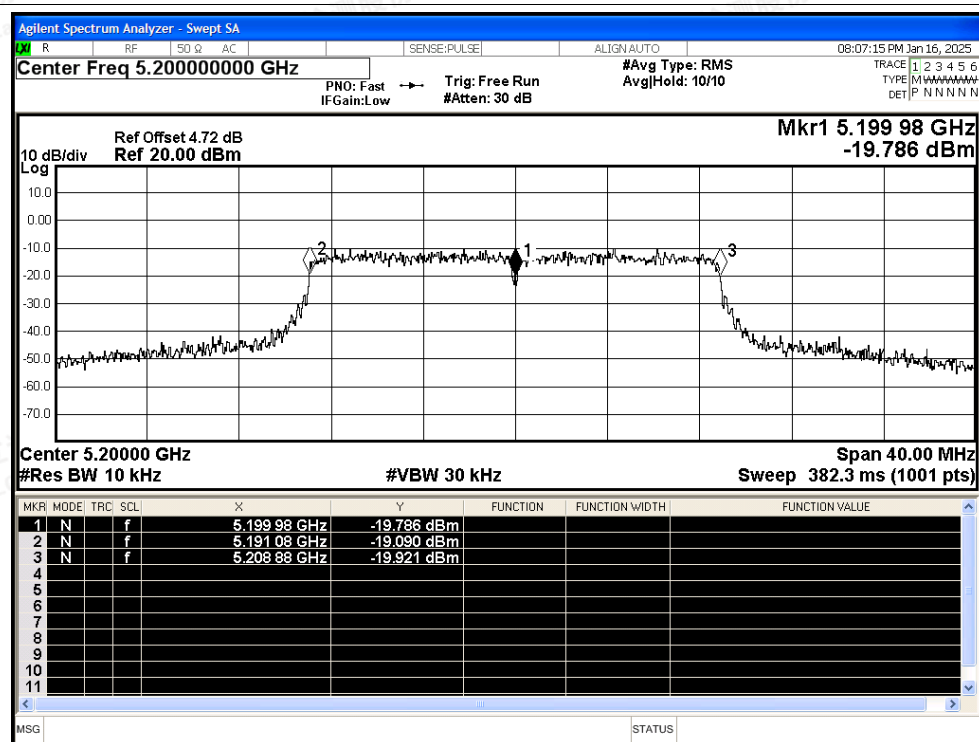
Add: 101, 201 Bldg A & 301 Bldg C, Juji Industrial Park Yabianxueziwei, Shajing Street, Baoan District, Shenzhen, 518000, China

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

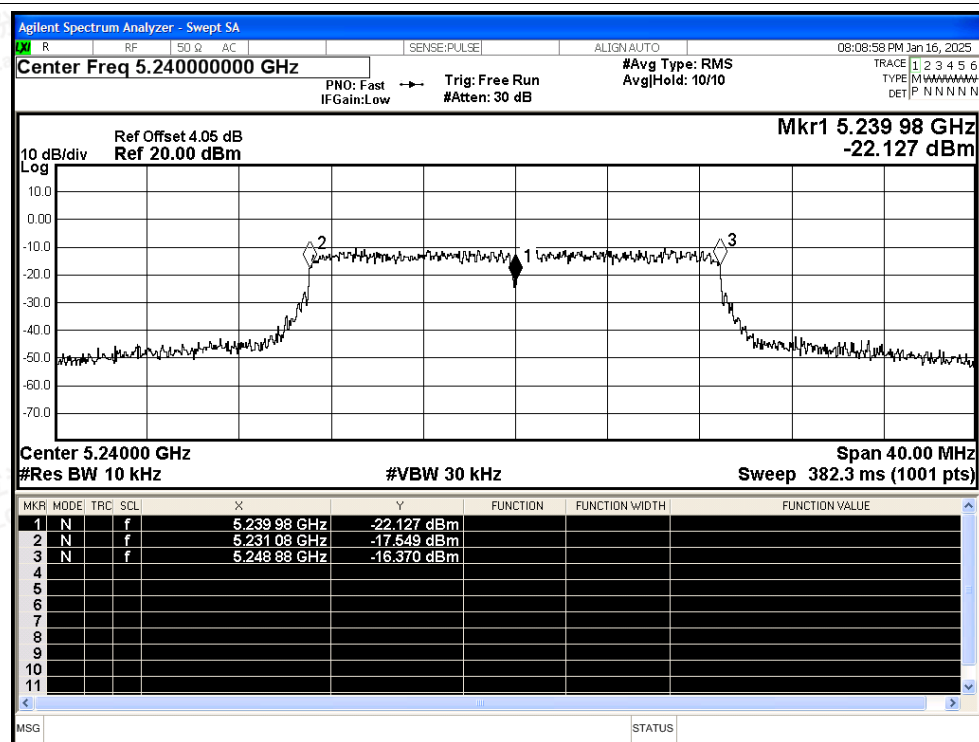
Scan code to check authenticity



Freq. Stability NVNT n20 5200MHz Ant



Freq. Stability NVNT n20 5240MHz Ant



Shenzhen LCS Compliance Testing Laboratory Ltd.

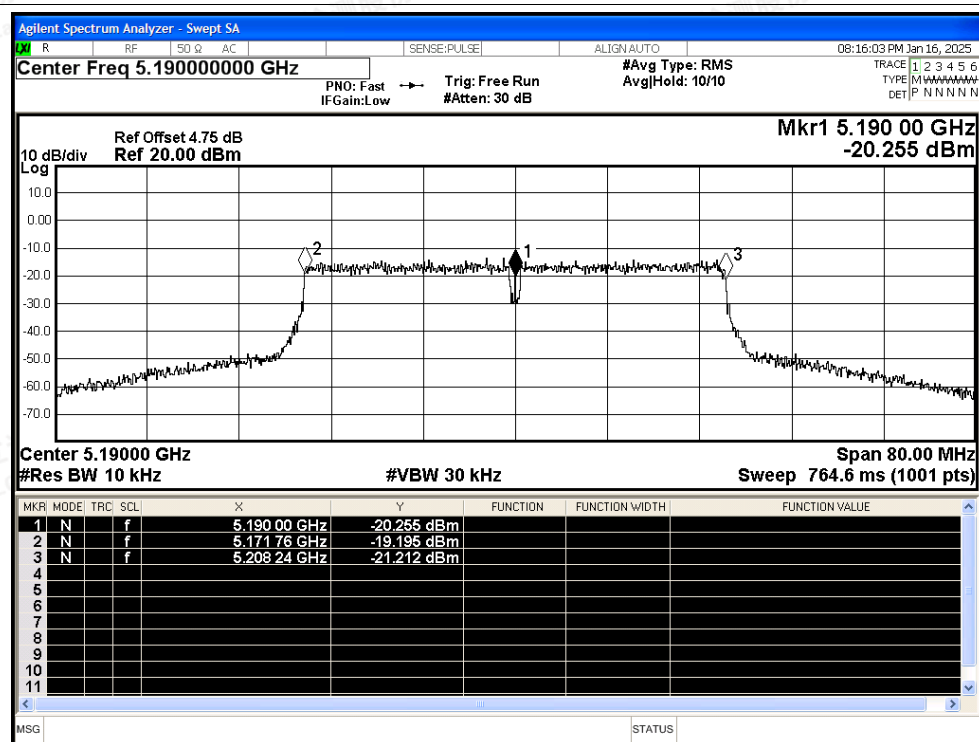
Add: 101, 201 Bldg A & 301 Bldg C, Juji Industrial Park Yabianxueziwei, Shajing Street, Baoan District, Shenzhen, 518000, China

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

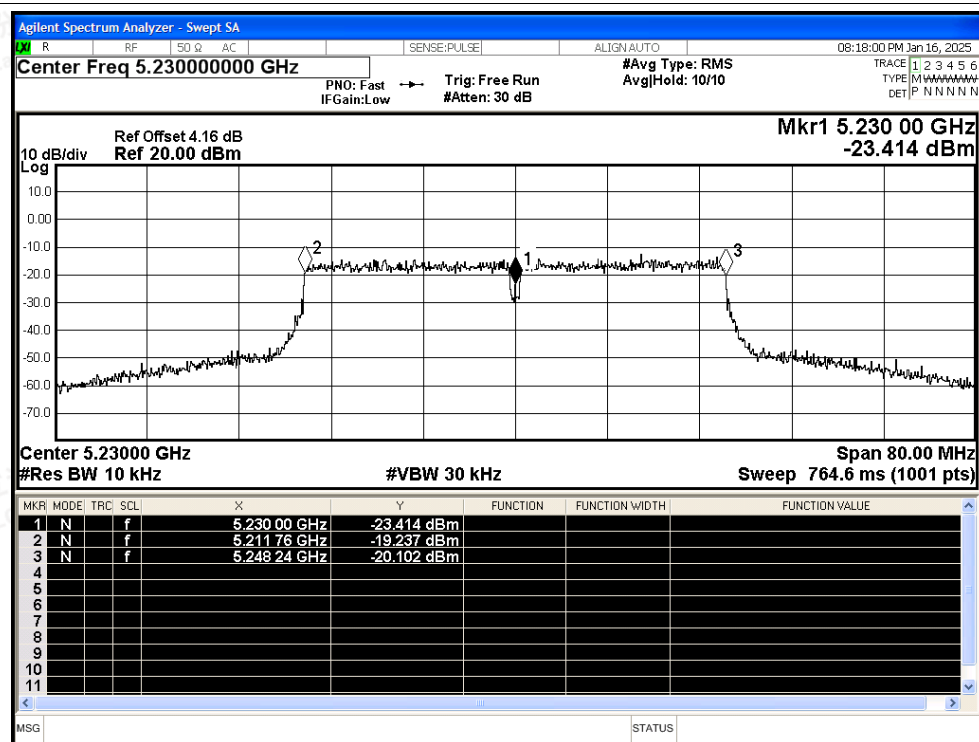
Scan code to check authenticity



Freq. Stability NVNT n40 5190MHz Ant



Freq. Stability NVNT n40 5230MHz Ant



Shenzhen LCS Compliance Testing Laboratory Ltd.

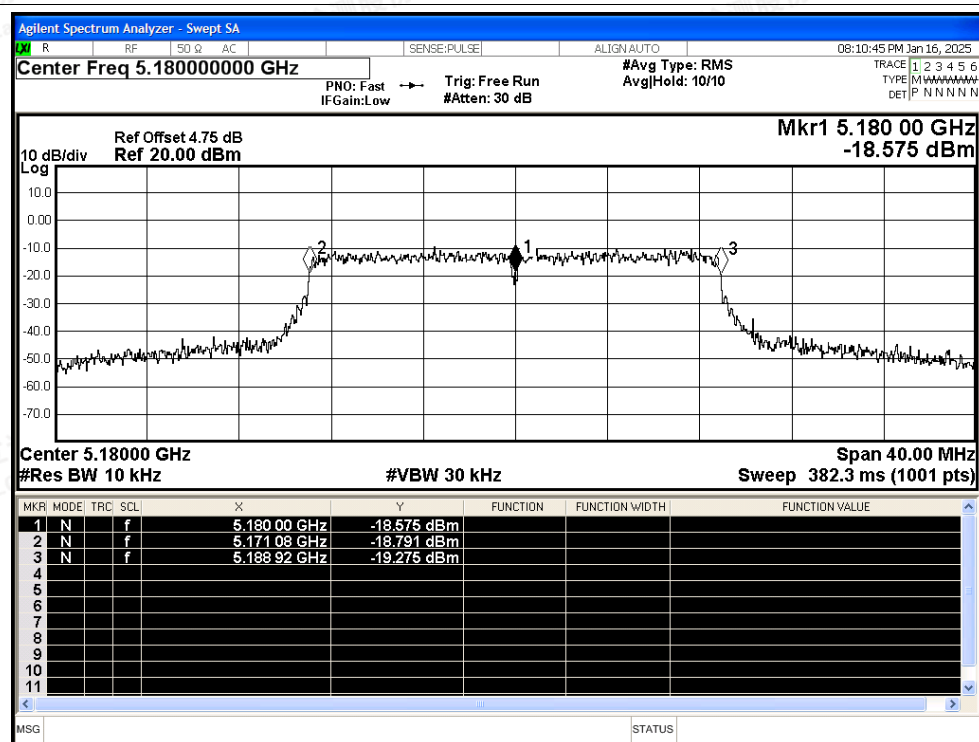
Add: 101, 201 Bldg A & 301 Bldg C, Juji Industrial Park Yabianxueziwei, Shajing Street, Baoan District, Shenzhen, 518000, China

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

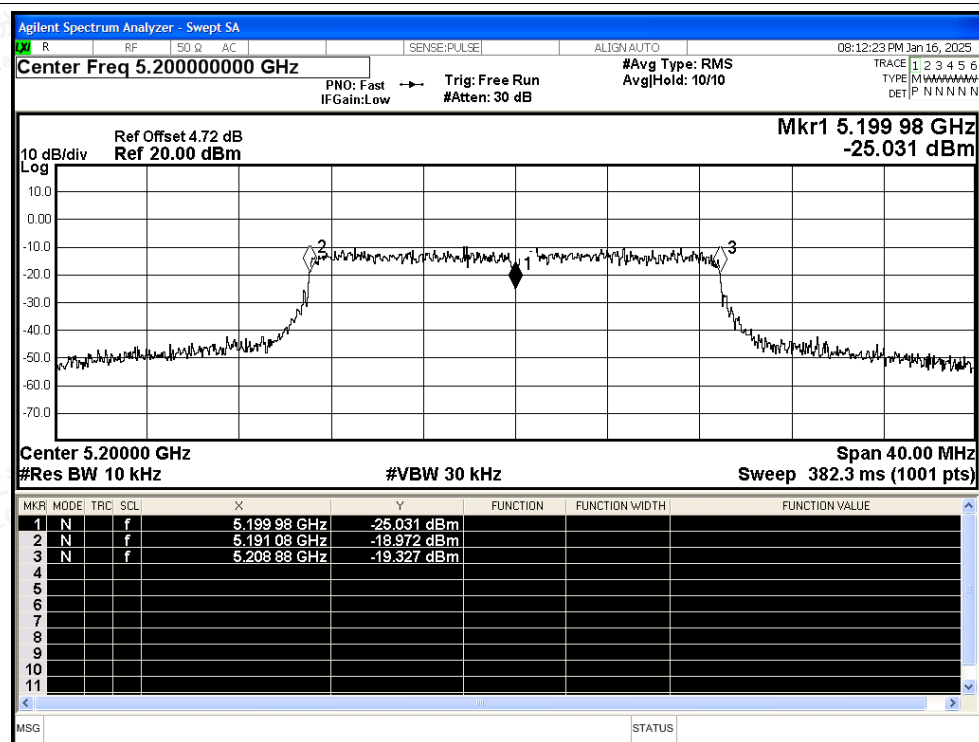
Scan code to check authenticity



Freq. Stability NVNT ac20 5180MHz Ant



Freq. Stability NVNT ac20 5200MHz Ant



Shenzhen LCS Compliance Testing Laboratory Ltd.

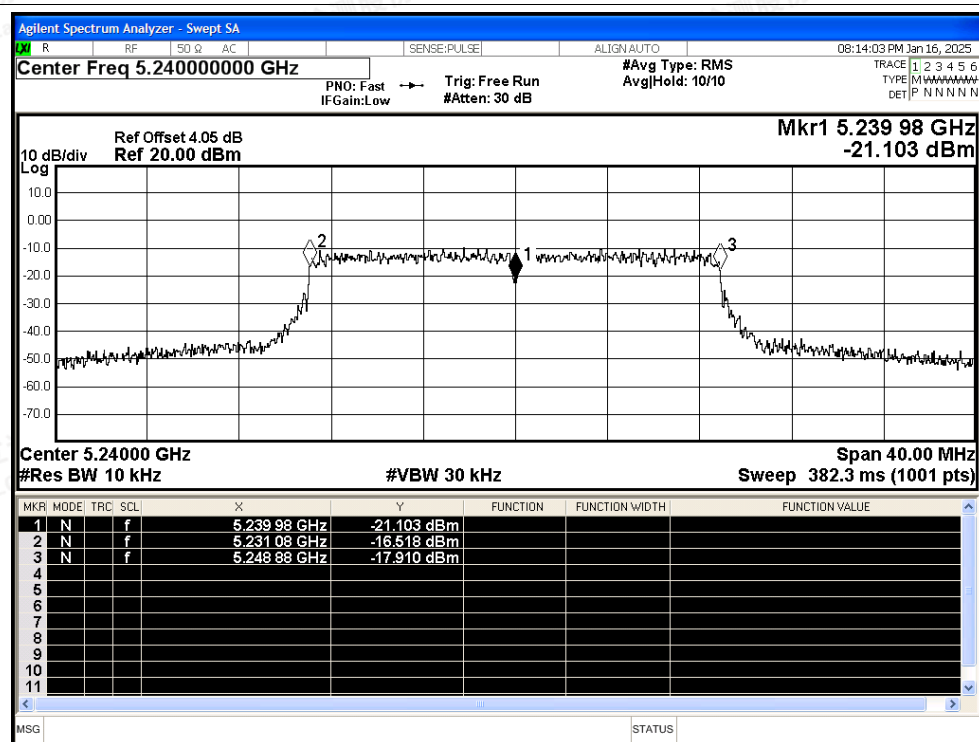
Add: 101, 201 Bldg A & 301 Bldg C, Juji Industrial Park Yabianxueziwei, Shajing Street, Baoan District, Shenzhen, 518000, China

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

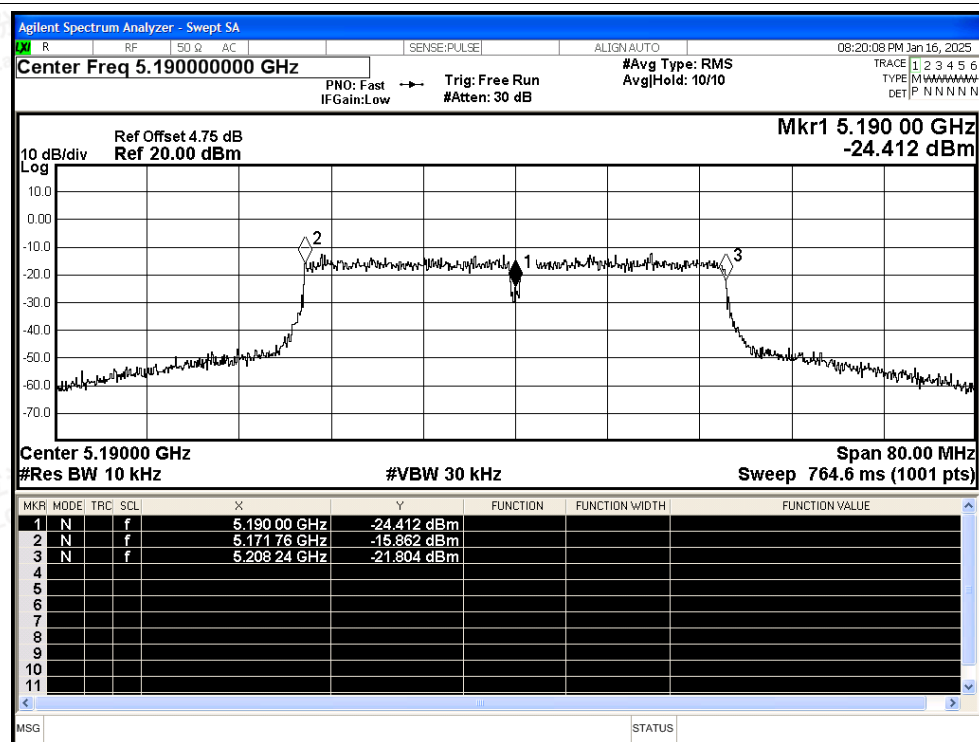
Scan code to check authenticity



Freq. Stability NVNT ac20 5240MHz Ant



Freq. Stability NVNT ac40 5190MHz Ant



Shenzhen LCS Compliance Testing Laboratory Ltd.

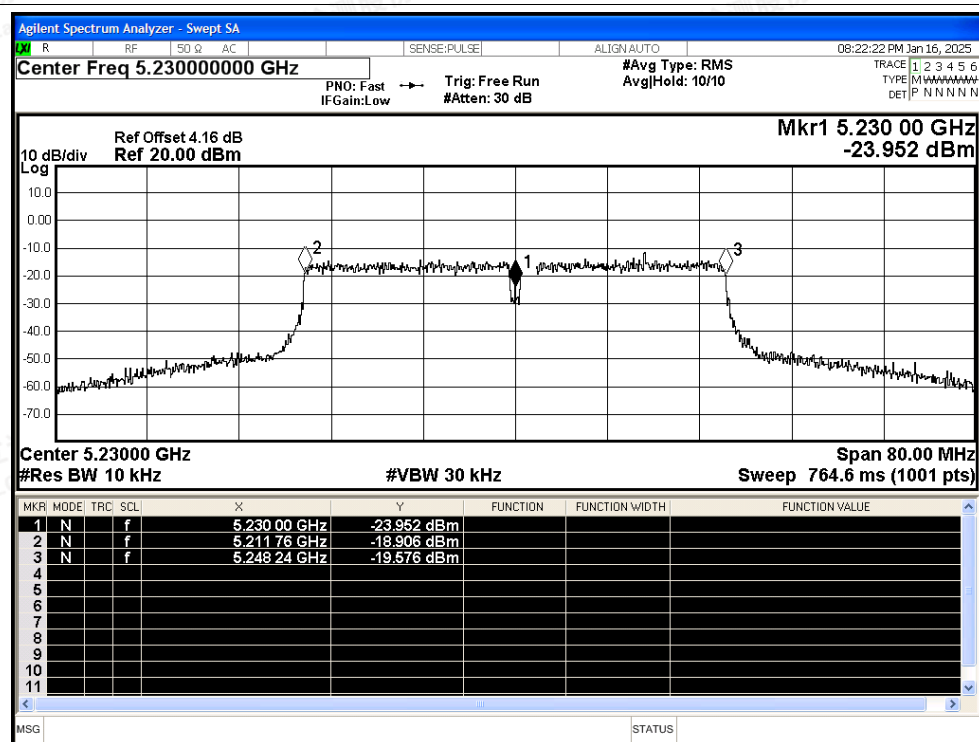
Add: 101, 201 Bldg A & 301 Bldg C, Juji Industrial Park Yabianxueziwei, Shajing Street, Baoan District, Shenzhen, 518000, China

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

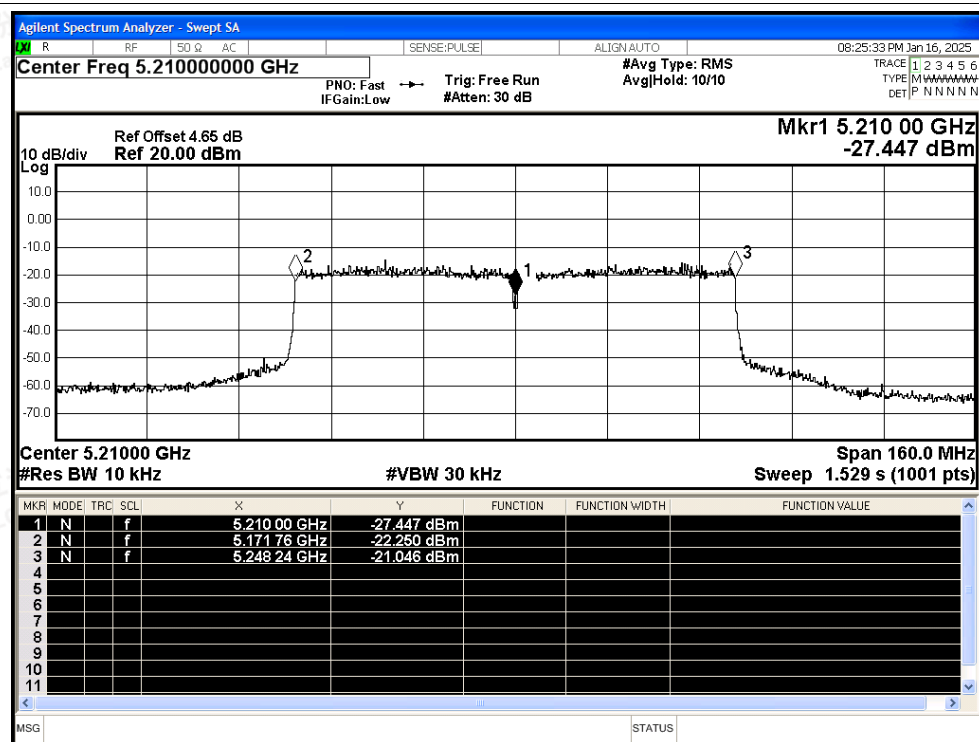
Scan code to check authenticity



Freq. Stability NVNT ac40 5230MHz Ant



Freq. Stability NVNT ac80 5210MHz Ant

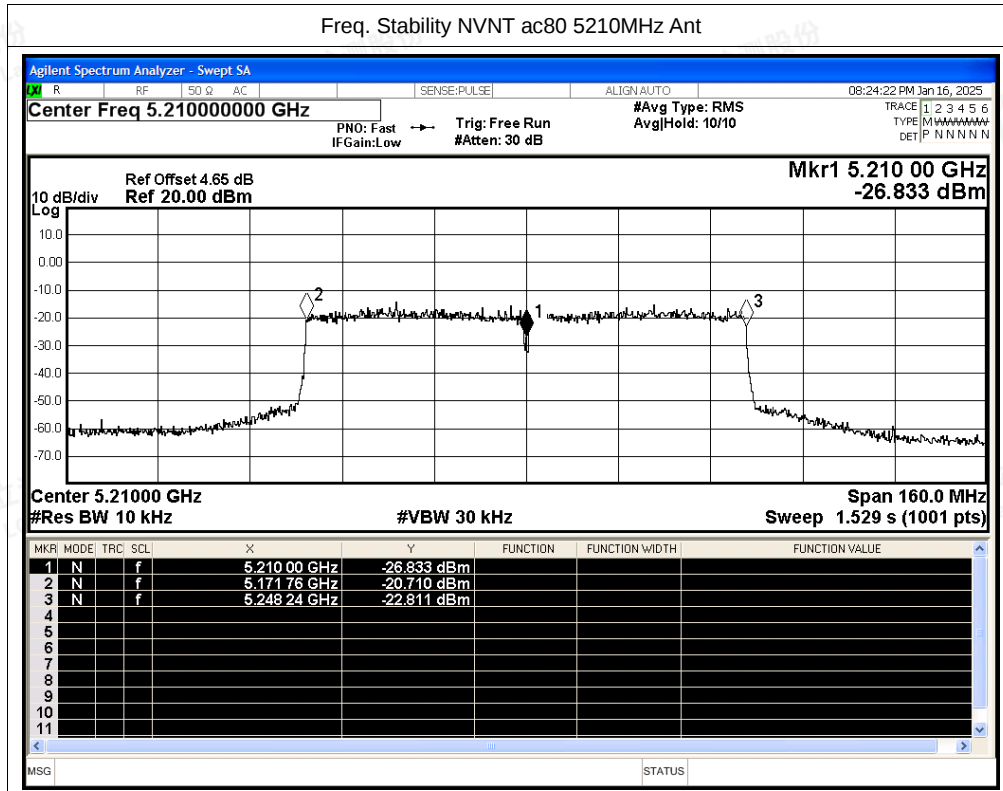


Shenzhen LCS Compliance Testing Laboratory Ltd.

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

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

Scan code to check authenticity



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



D.6 Duty Cycle

Condition	Mode	Frequency (MHz)	Antenna	Duty Cycle (%)	Correction Factor (dB)	1/T (kHz)
NVNT	a	5180	Ant	94.56	0.24	0.91
NVNT	a	5200	Ant	94.56	0.24	0.91
NVNT	a	5240	Ant	94.56	0.24	0.91
NVNT	n20	5180	Ant	97.33	0.12	0.44
NVNT	n20	5200	Ant	97.29	0.12	0.44
NVNT	n20	5240	Ant	97.29	0.12	0.44
NVNT	n40	5190	Ant	94.71	0.24	0.9
NVNT	n40	5230	Ant	94.71	0.24	0.9
NVNT	ac20	5180	Ant	97.35	0.12	0.44
NVNT	ac20	5200	Ant	97.3	0.12	0.44
NVNT	ac20	5240	Ant	97.34	0.12	0.44
NVNT	ac40	5190	Ant	94.81	0.23	0.9
NVNT	ac40	5230	Ant	94.72	0.24	0.9
NVNT	ac80	5210	Ant	89.65	0.47	1.86



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

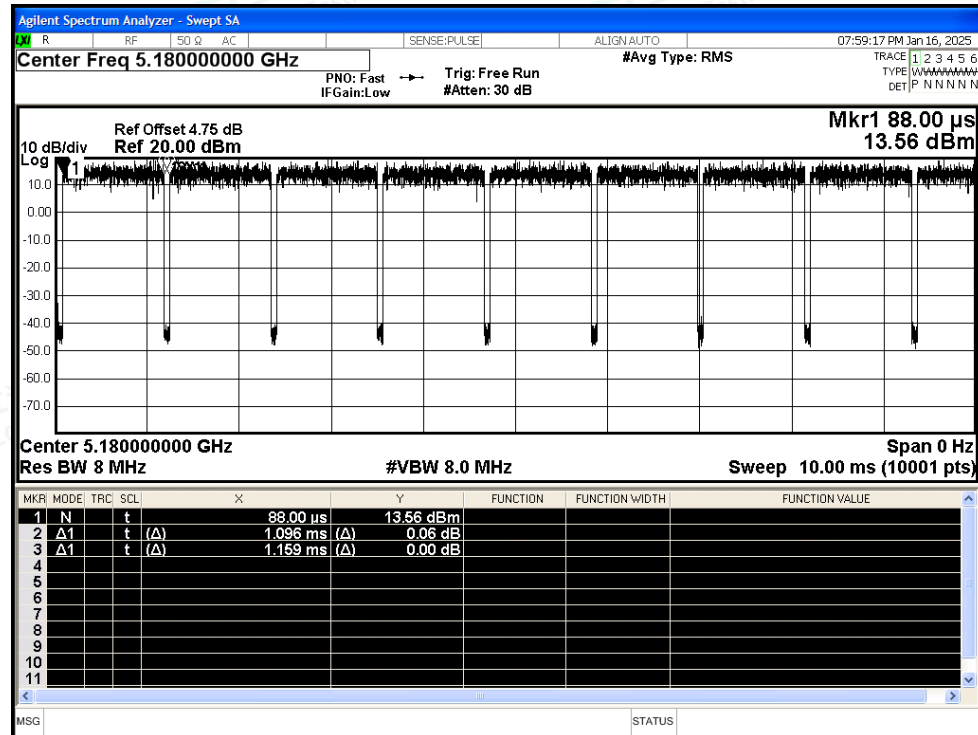
Tel: +(86) 0755-82591330 | E-mail: webmaster@lcs-cert.com | Web: www.lcs-cert.com

Scan code to check authenticity

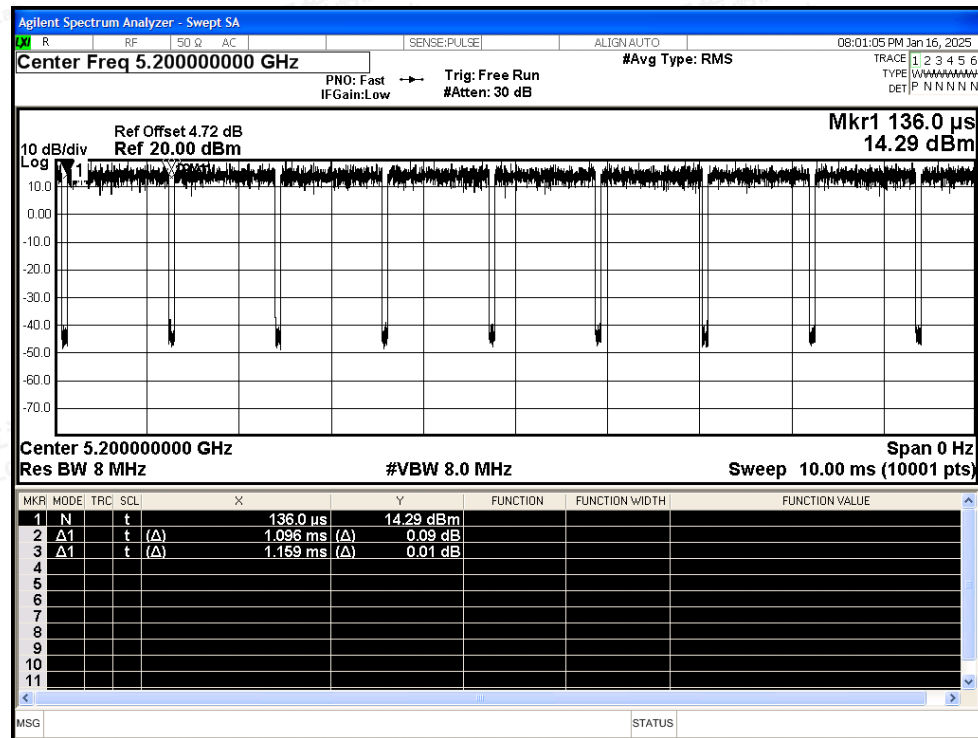


Test Graphs

Duty Cycle NVNT a 5180MHz Ant



Duty Cycle NVNT a 5200MHz Ant



Shenzhen LCS Compliance Testing Laboratory Ltd.

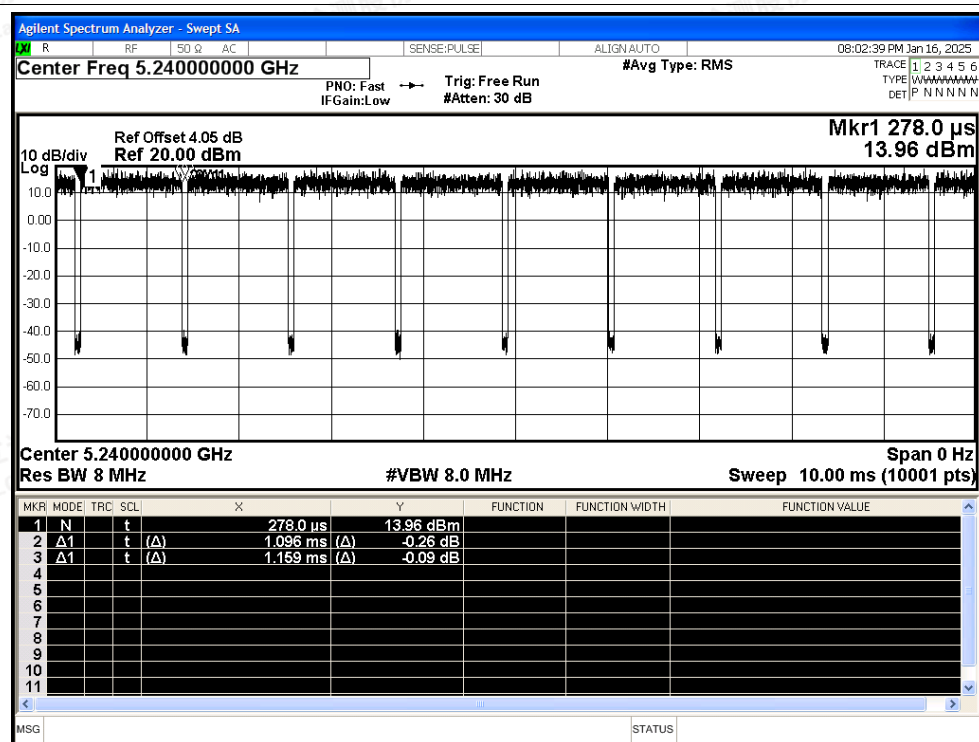
Add: 101, 201 Bldg A & 301 Bldg C, Juji Industrial Park Yabianxueziwei, Shajing Street, Baoan District, Shenzhen, 518000, China

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

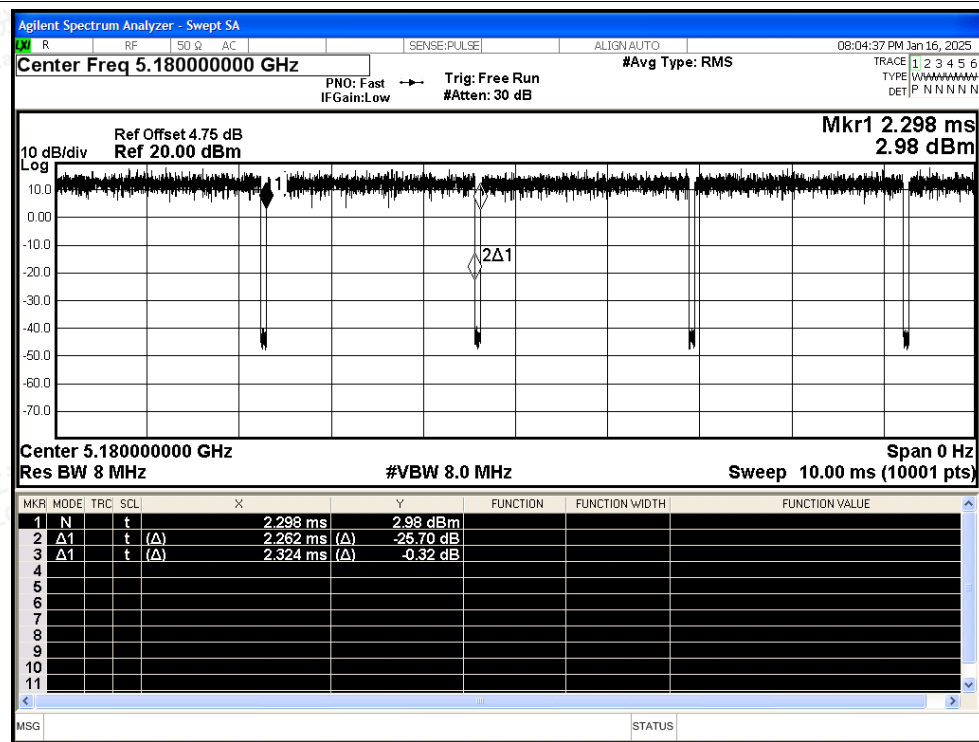
Scan code to check authenticity



Duty Cycle NVNT a 5240MHz Ant



Duty Cycle NVNT n20 5180MHz Ant



Shenzhen LCS Compliance Testing Laboratory Ltd.

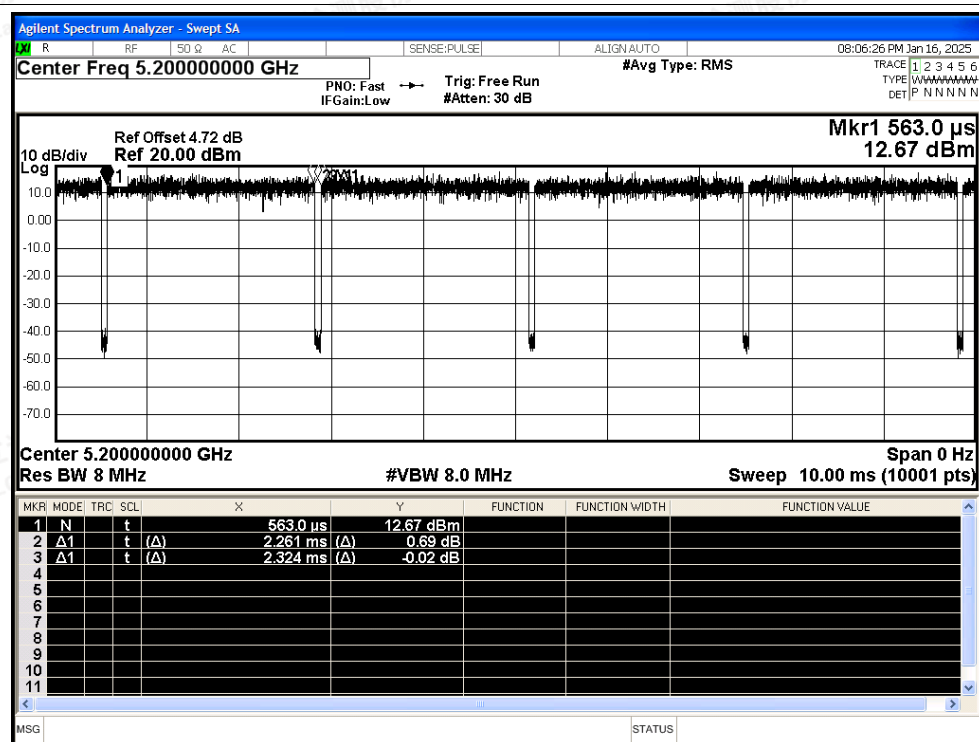
Add: 101, 201 Bldg A & 301 Bldg C, Juji Industrial Park Yabianxueziwei, Shajing Street, Baoan District, Shenzhen, 518000, China

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

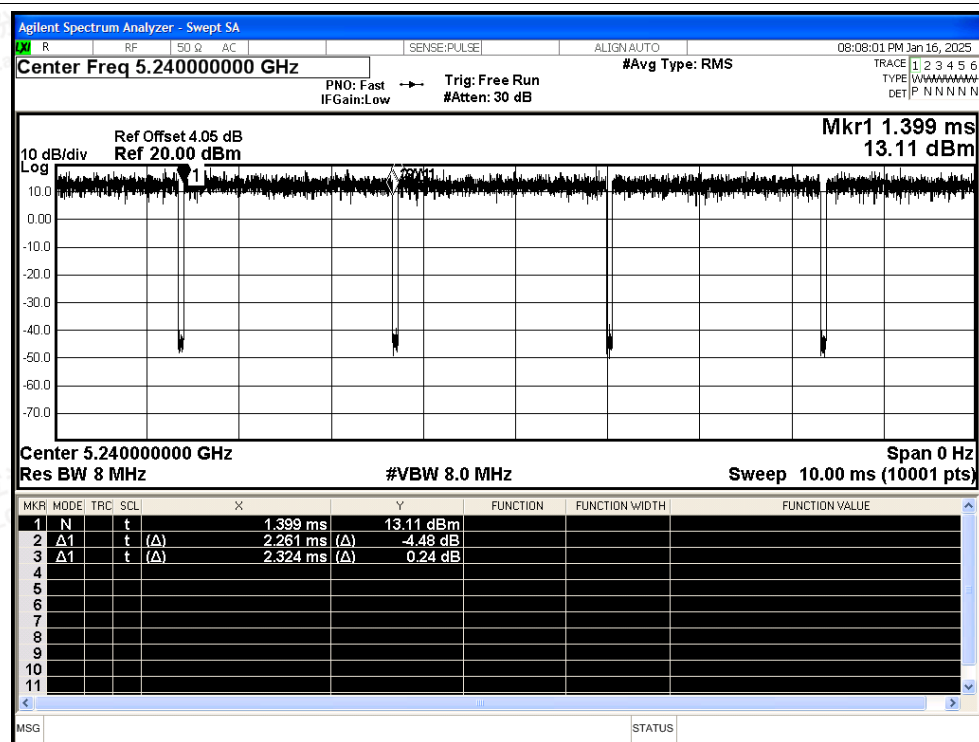
Scan code to check authenticity



Duty Cycle NVNT n20 5200MHz Ant



Duty Cycle NVNT n20 5240MHz Ant



Shenzhen LCS Compliance Testing Laboratory Ltd.

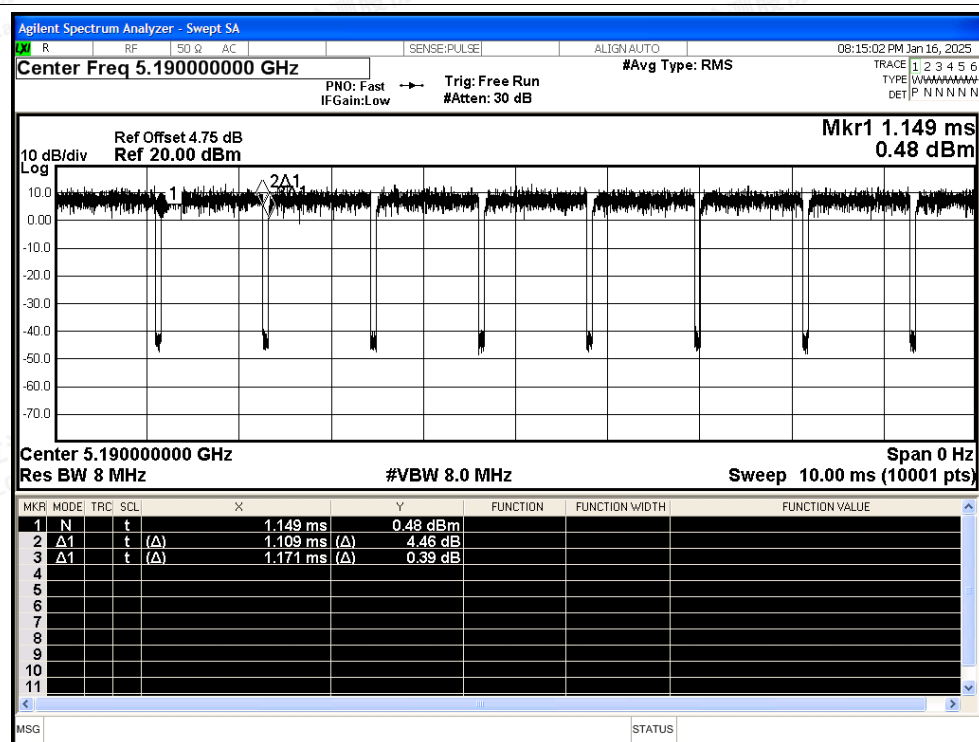
Add: 101, 201 Bldg A & 301 Bldg C, Juji Industrial Park Yabianxueziwei, Shajing Street, Baoan District, Shenzhen, 518000, China

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

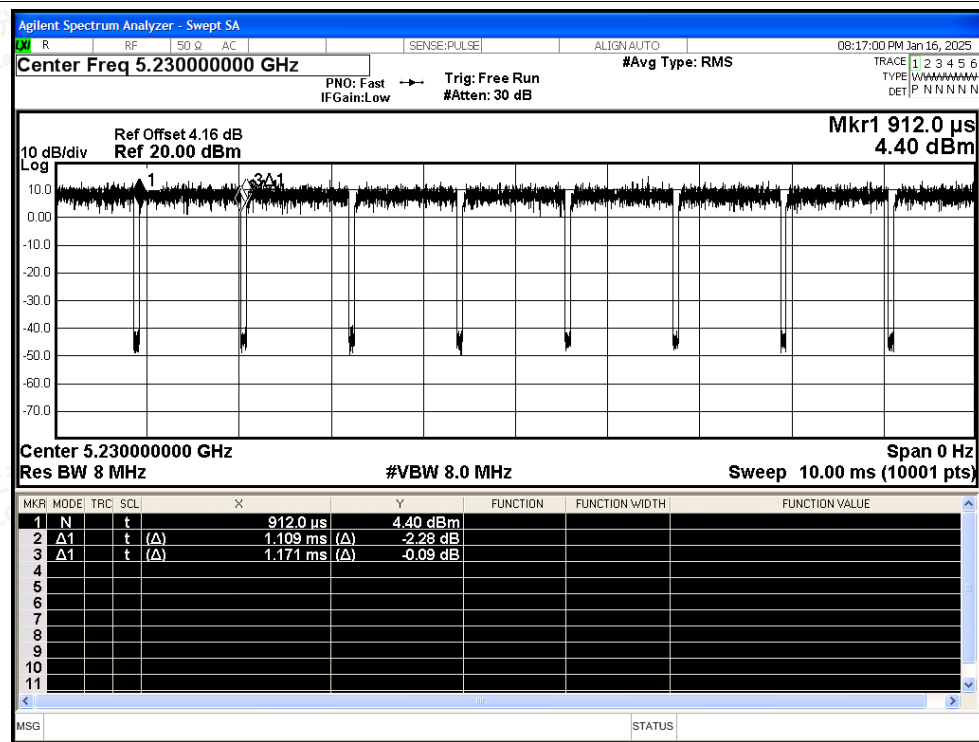
Scan code to check authenticity



Duty Cycle NVNT n40 5190MHz Ant



Duty Cycle NVNT n40 5230MHz Ant

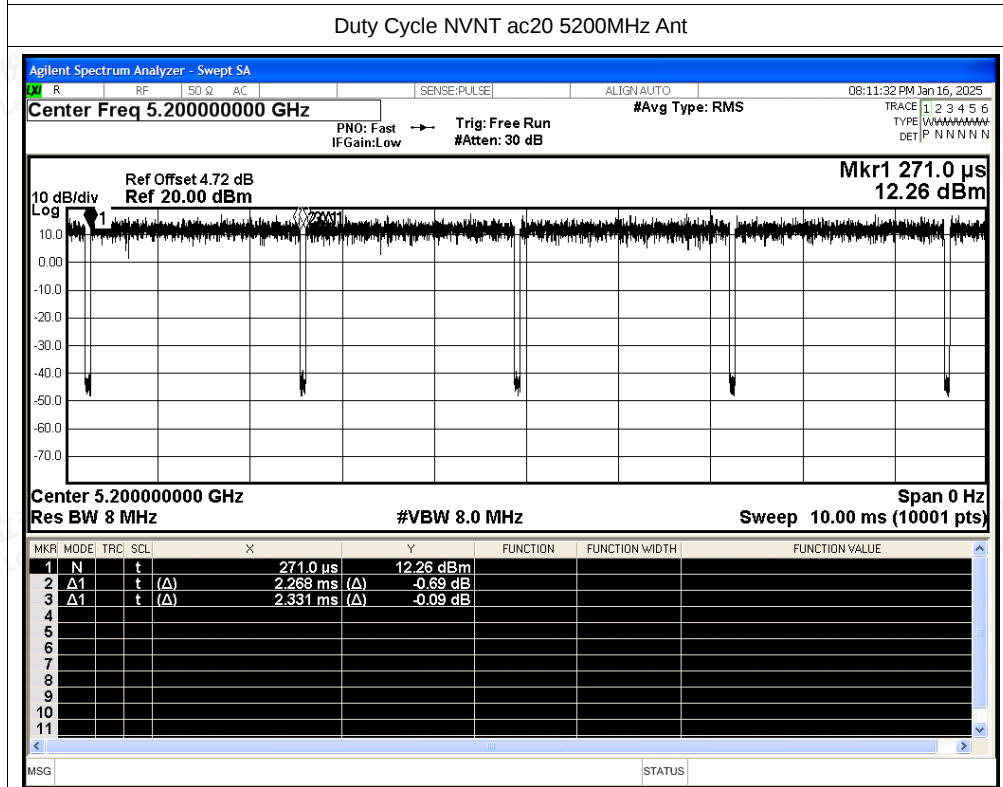
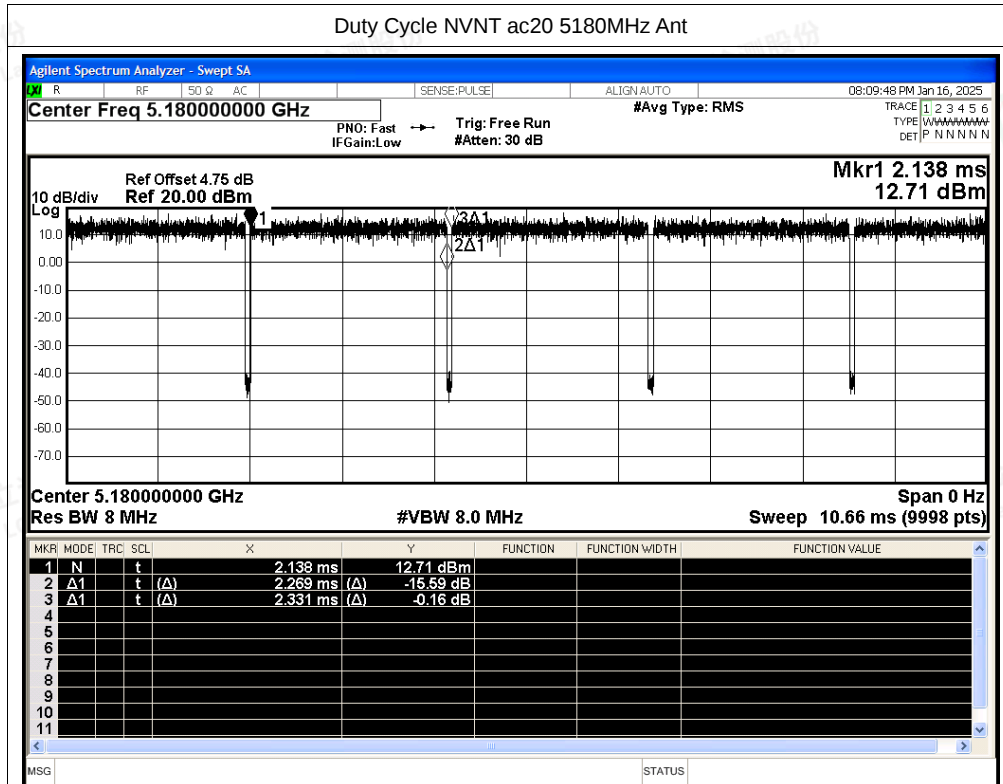


Shenzhen LCS Compliance Testing Laboratory Ltd.

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

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

Scan code to check authenticity



Shenzhen LCS Compliance Testing Laboratory Ltd.

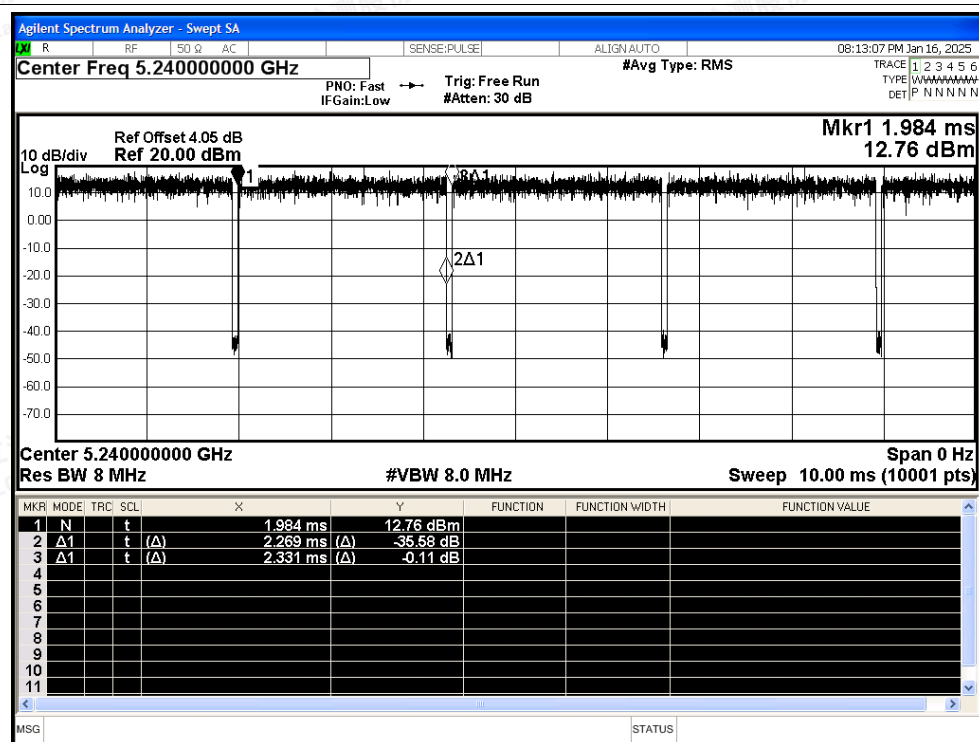
Add: 101, 201 Bldg A & 301 Bldg C, Juji Industrial Park Yabianxueziwei, Shajing Street, Baoan District, Shenzhen, 518000, China

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

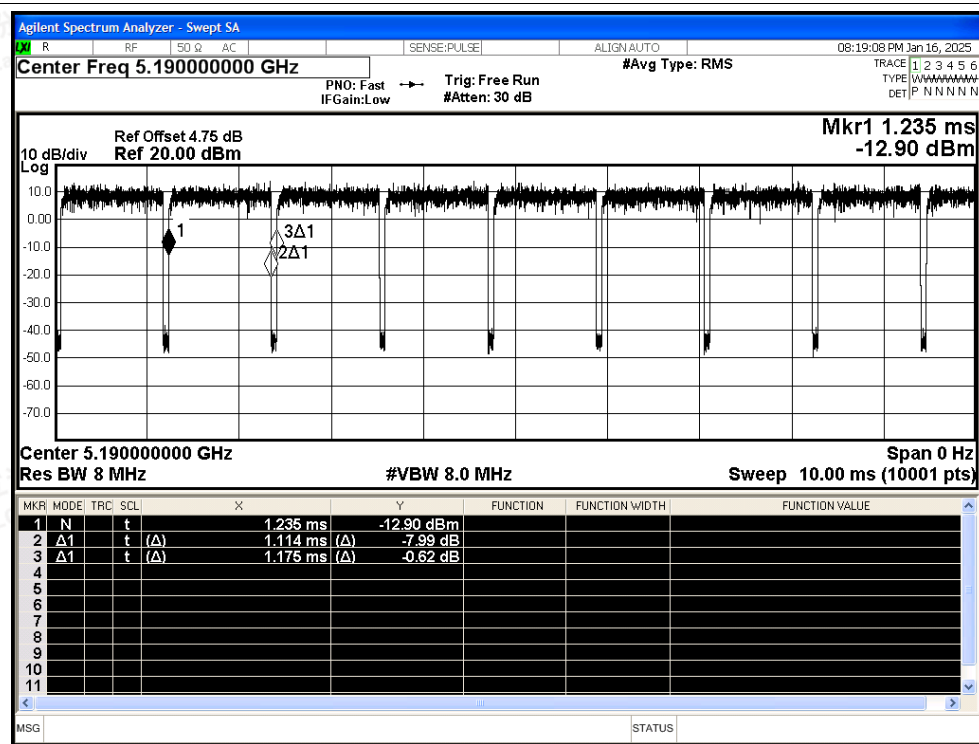
Scan code to check authenticity



Duty Cycle NVNT ac20 5240MHz Ant



Duty Cycle NVNT ac40 5190MHz Ant



Shenzhen LCS Compliance Testing Laboratory Ltd.

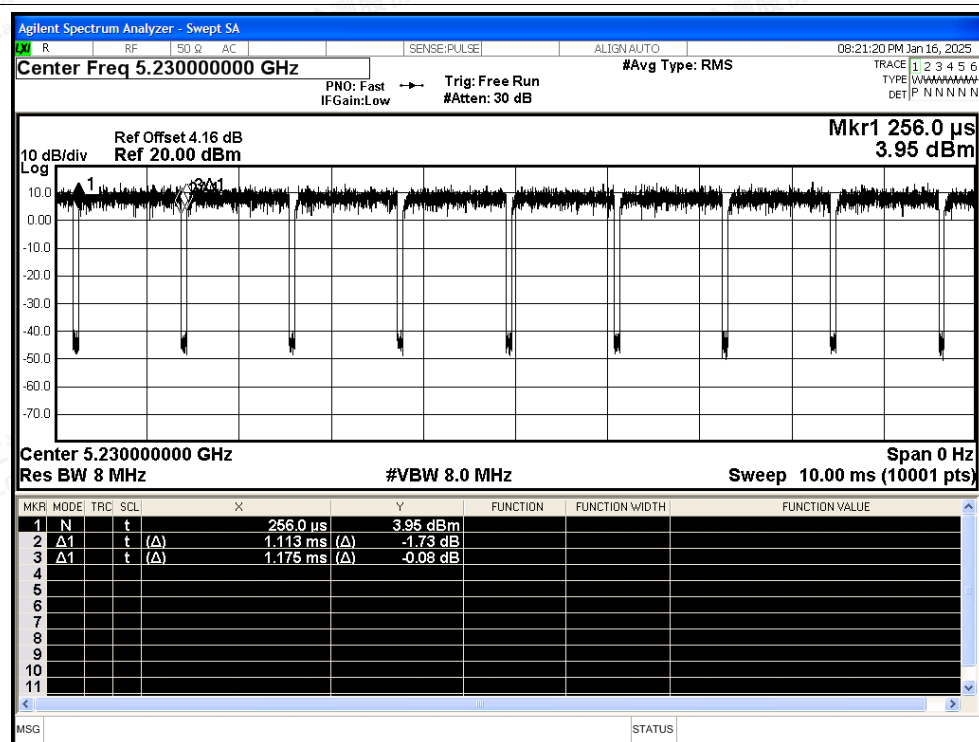
Add: 101, 201 Bldg A & 301 Bldg C, Juji Industrial Park Yabianxueziwei, Shajing Street, Baoan District, Shenzhen, 518000, China

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

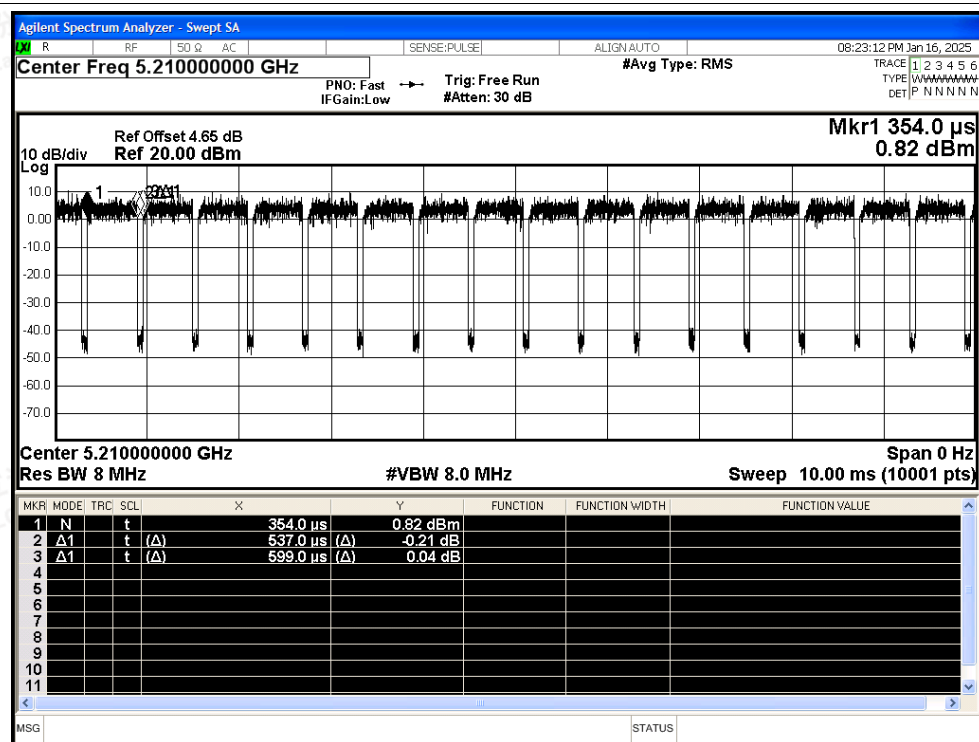
Scan code to check authenticity



Duty Cycle NVNT ac40 5230MHz Ant



Duty Cycle NVNT ac80 5210MHz Ant



Shenzhen LCS Compliance Testing Laboratory Ltd.

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

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

Scan code to check authenticity