



Appendix D

RF Test Data for 5.8GWIFI(Conducted Measurement)

Product Name: Carplay

Test Model: DX01

Environmental Conditions

Temperature:	23.8°C
Relative Humidity:	52.1%
ATM Pressure:	100.0 kPa
Test Engineer:	Can Kun
Supervised by:	Nick Peng



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.1 -6dB Bandwidth

Condition	Mode	Frequency (MHz)	Antenna	-6 dB Bandwidth (MHz)	Limit -6 dB Bandwidth (MHz)	Verdict
NVNT	a	5745	Ant3	16.342	≥ 0.5	Pass
NVNT	a	5785	Ant3	16.33	≥ 0.5	Pass
NVNT	a	5825	Ant3	16.299	≥ 0.5	Pass
NVNT	n20	5745	Ant3	17.368	≥ 0.5	Pass
NVNT	n20	5785	Ant3	17.411	≥ 0.5	Pass
NVNT	n20	5825	Ant3	17.344	≥ 0.5	Pass
NVNT	n40	5755	Ant3	36.267	≥ 0.5	Pass
NVNT	n40	5795	Ant3	36.146	≥ 0.5	Pass
NVNT	ac20	5745	Ant3	17.551	≥ 0.5	Pass
NVNT	ac20	5785	Ant3	17.42	≥ 0.5	Pass
NVNT	ac20	5825	Ant3	17.366	≥ 0.5	Pass
NVNT	ac40	5755	Ant3	36.302	≥ 0.5	Pass
NVNT	ac40	5795	Ant3	36.164	≥ 0.5	Pass
NVNT	ac80	5775	Ant3	75.476	≥ 0.5	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

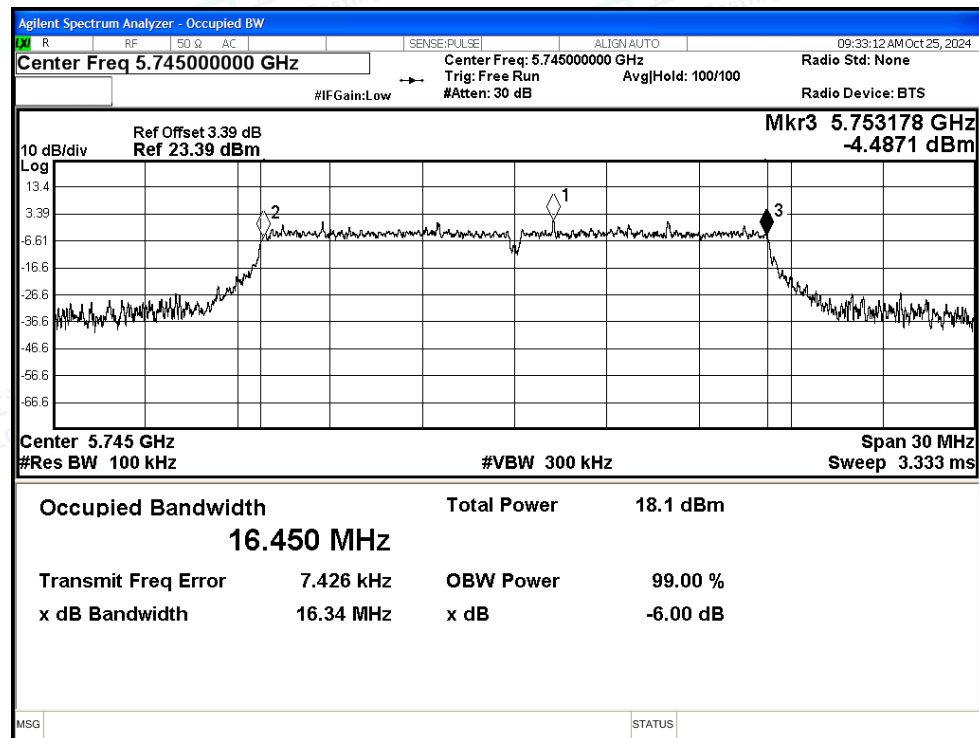
Tel: +(86) 0755-82591330 | E-mail: webmaster@lcs-cert.com | Web: www.lcs-cert.com

Scan code to check authenticity

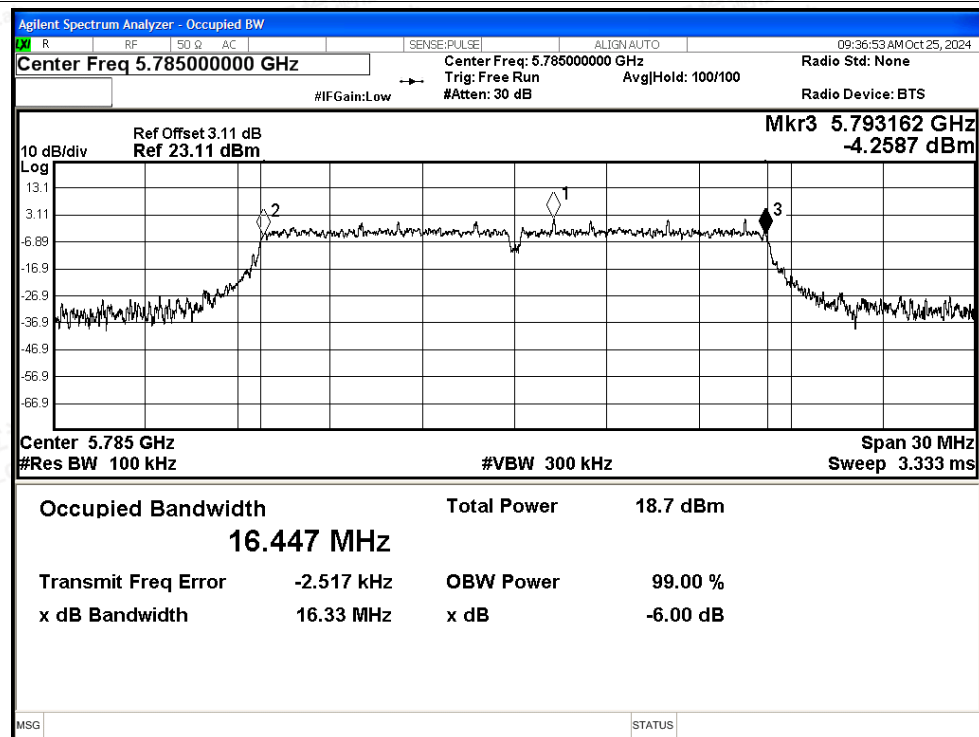


Test Graphs

-6dB Bandwidth NVNT a 5745MHz Ant3



-6dB Bandwidth NVNT a 5785MHz Ant3



Shenzhen LCS Compliance Testing Laboratory Ltd.

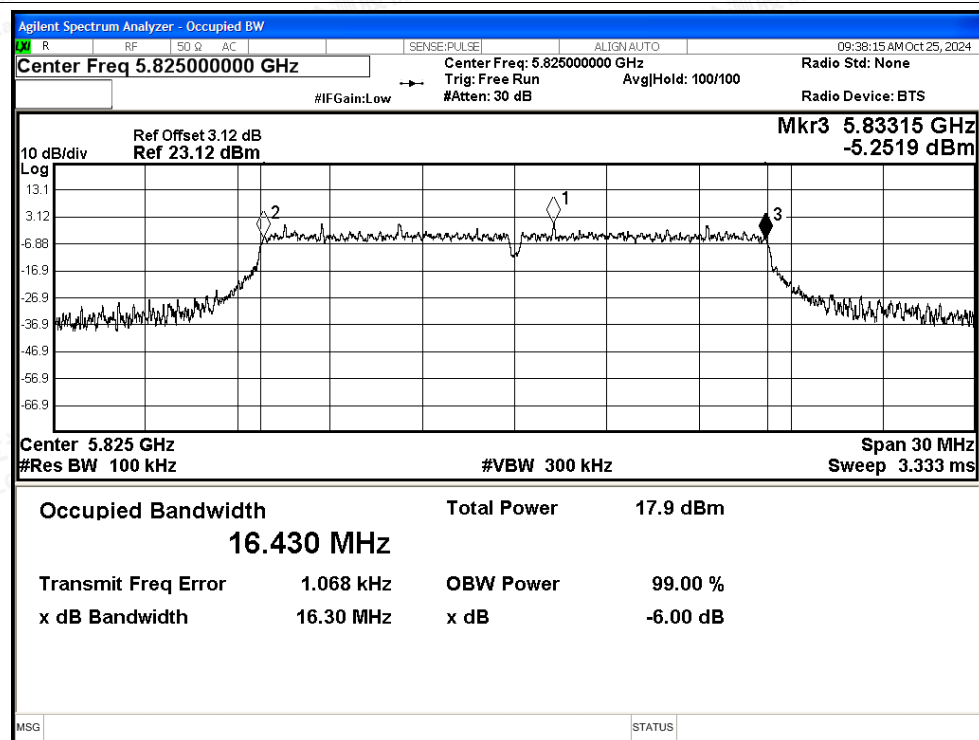
Add: 101, 201 Bldg A & 301 Bldg C, Juji Industrial Park Yabianxueziwei, Shajing Street, Baoan District, Shenzhen, 518000, China

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

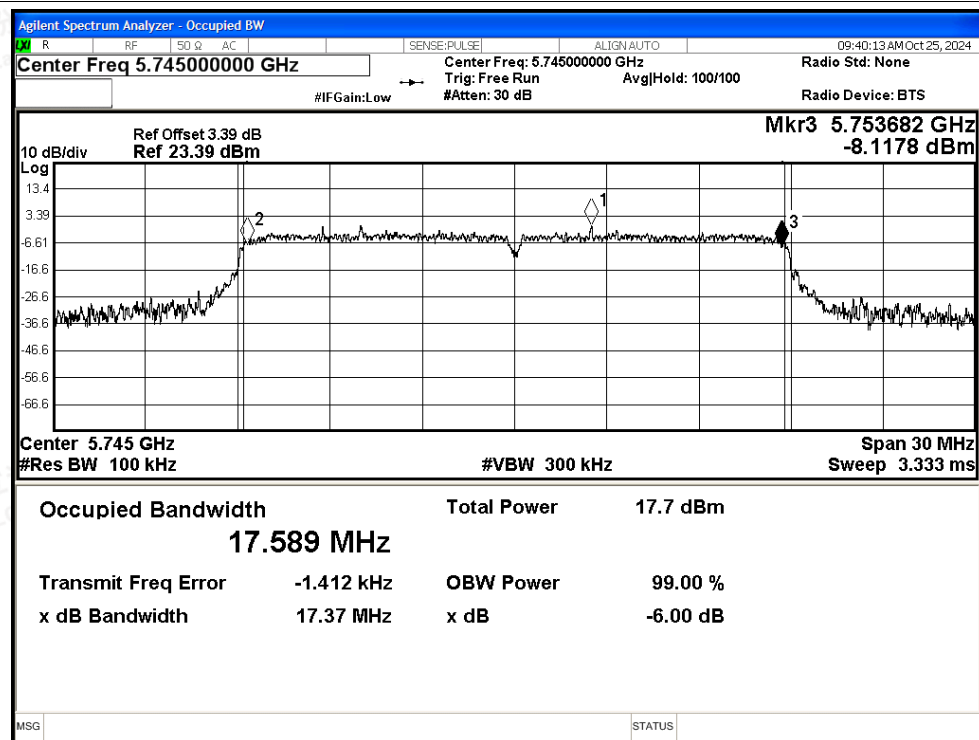
Scan code to check authenticity



-6dB Bandwidth NVNT a 5825MHz Ant3



-6dB Bandwidth NVNT n20 5745MHz Ant3



Shenzhen LCS Compliance Testing Laboratory Ltd.

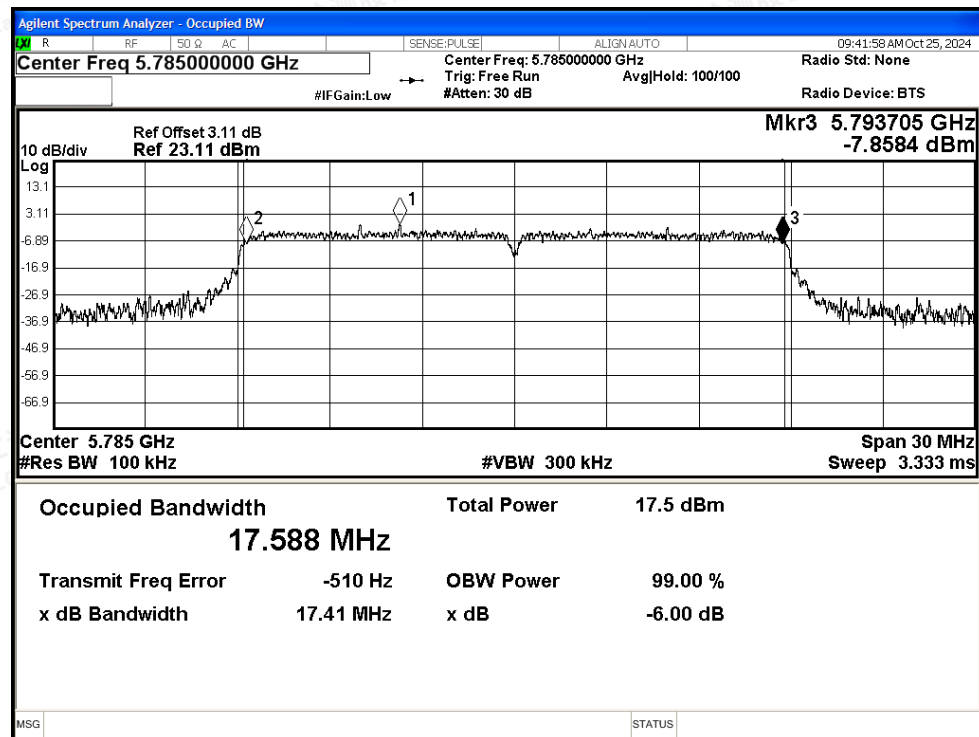
Add: 101, 201 Bldg A & 301 Bldg C, Juji Industrial Park Yabianxueziwei, Shajing Street, Baoan District, Shenzhen, 518000, China

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

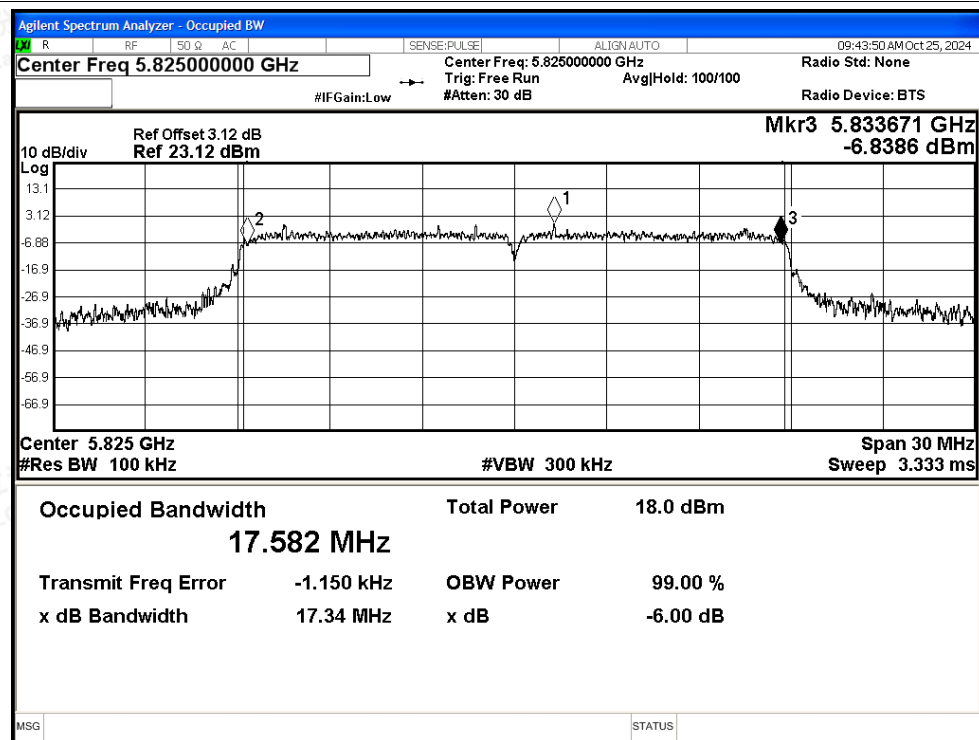
Scan code to check authenticity



-6dB Bandwidth NVNT n20 5785MHz Ant3



-6dB Bandwidth NVNT n20 5825MHz Ant3



Shenzhen LCS Compliance Testing Laboratory Ltd.

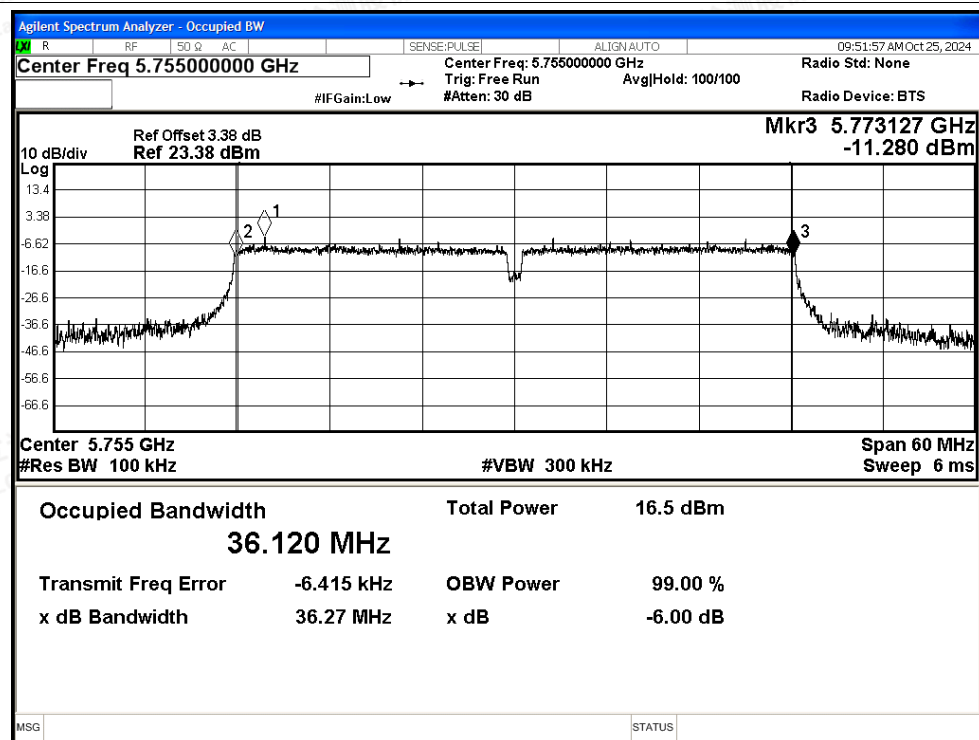
Add: 101, 201 Bldg A & 301 Bldg C, Juji Industrial Park Yabianxueziwei, Shajing Street, Baoan District, Shenzhen, 518000, China

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

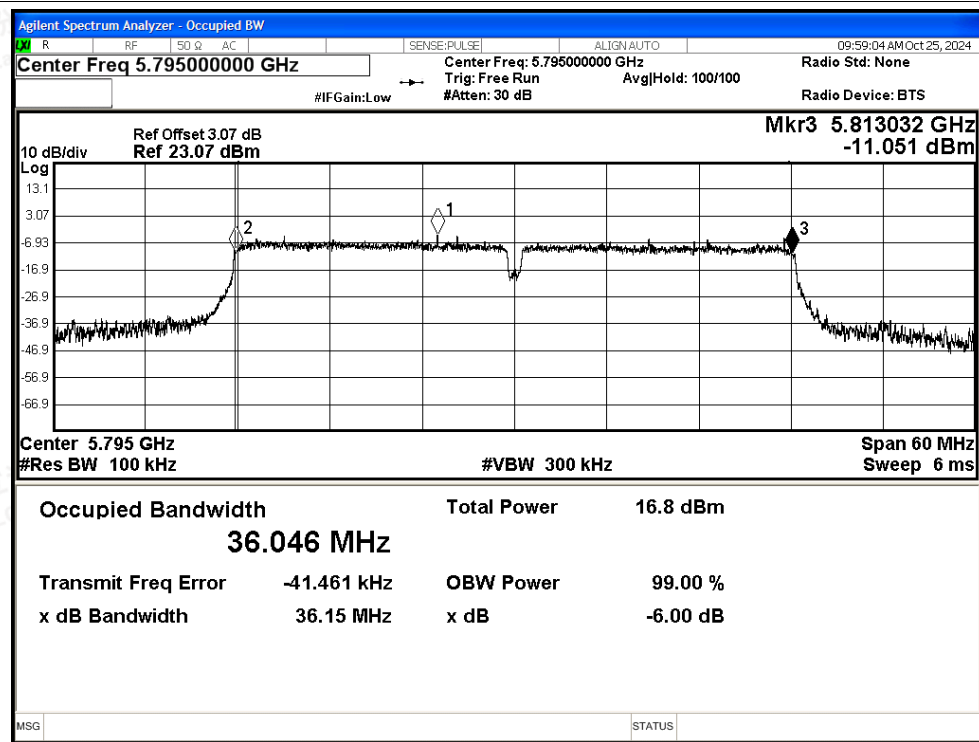
Scan code to check authenticity



-6dB Bandwidth NVNT n40 5755MHz Ant3



-6dB Bandwidth NVNT n40 5795MHz Ant3



Shenzhen LCS Compliance Testing Laboratory Ltd.

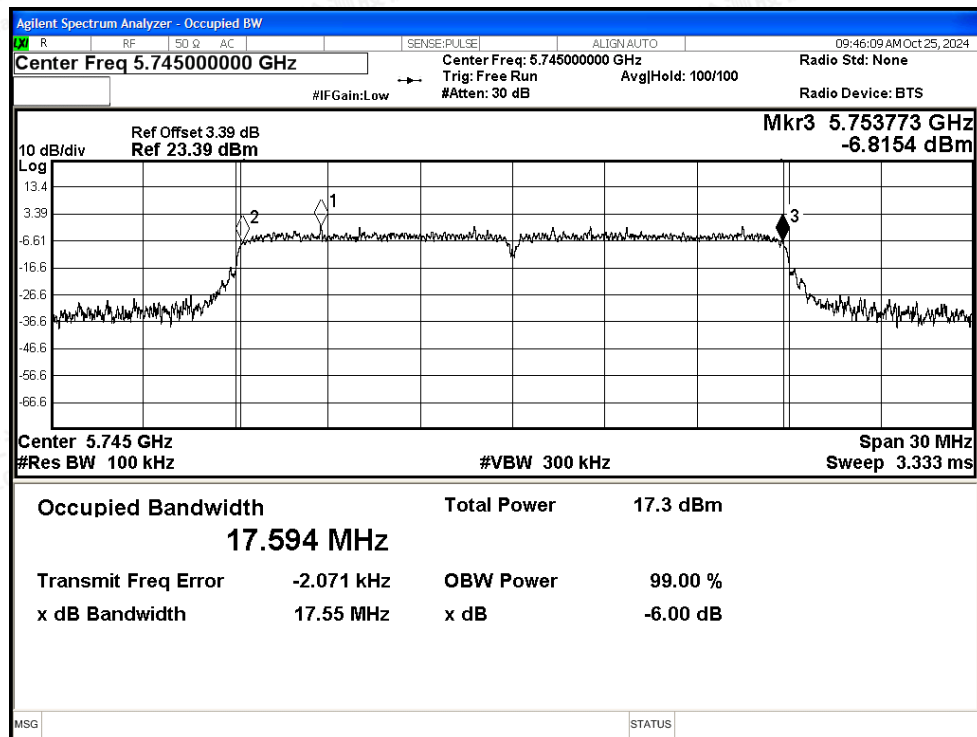
Add: 101, 201 Bldg A & 301 Bldg C, Juji Industrial Park Yabianxueziwei, Shajing Street, Baoan District, Shenzhen, 518000, China

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

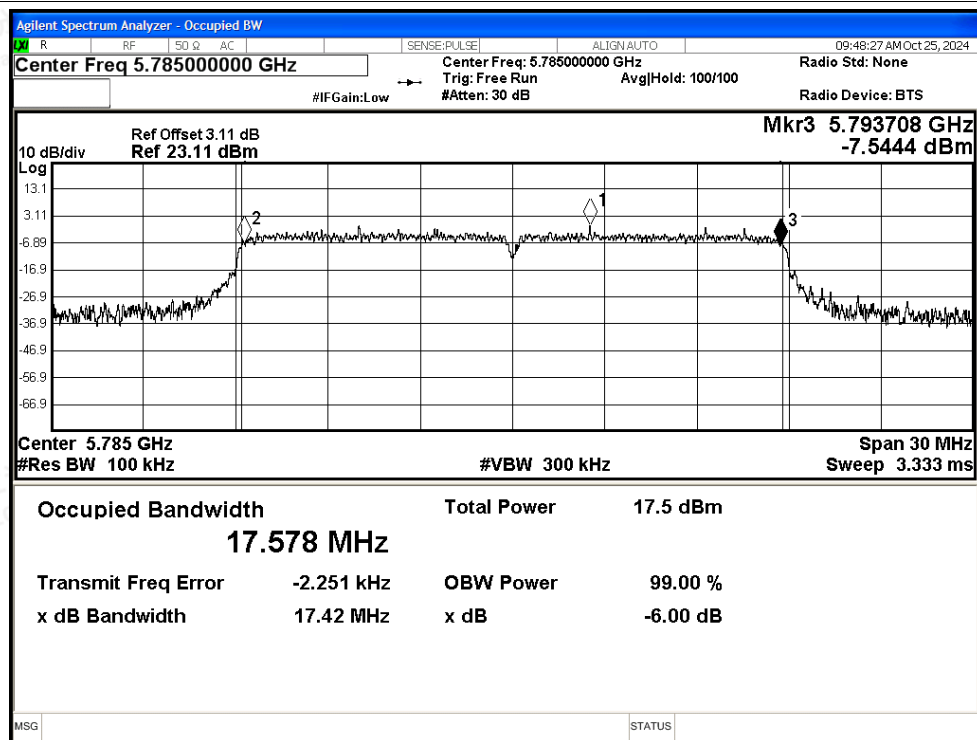
Scan code to check authenticity



-6dB Bandwidth NVNT ac20 5745MHz Ant3



-6dB Bandwidth NVNT ac20 5785MHz Ant3



Shenzhen LCS Compliance Testing Laboratory Ltd.

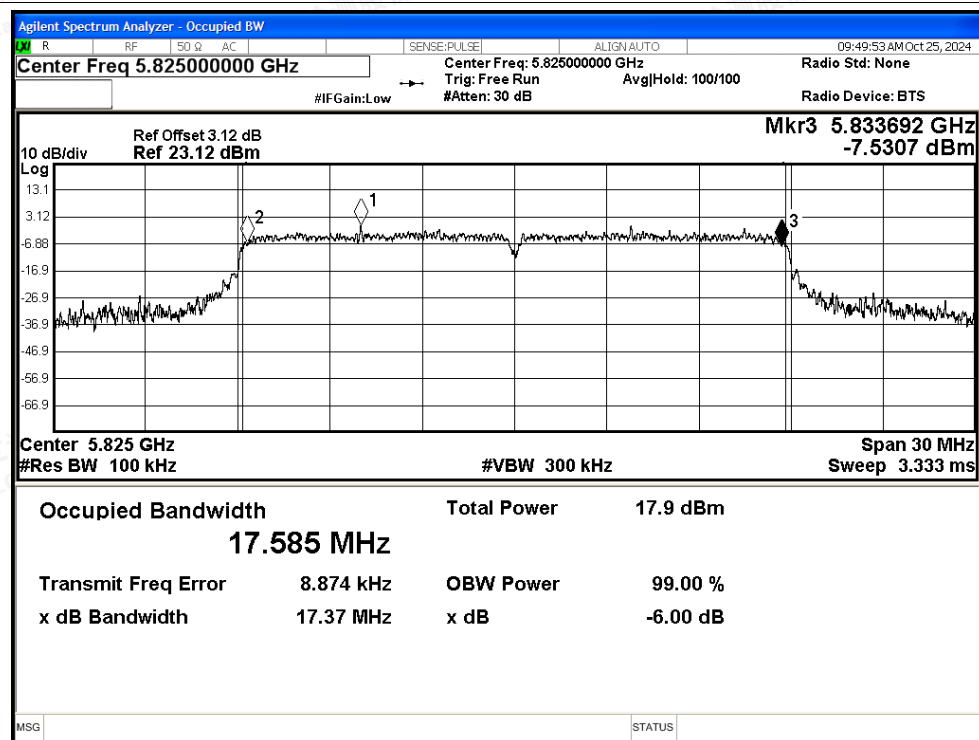
Add: 101, 201 Bldg A & 301 Bldg C, Juji Industrial Park Yabianxueziwei, Shajing Street, Baoan District, Shenzhen, 518000, China

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

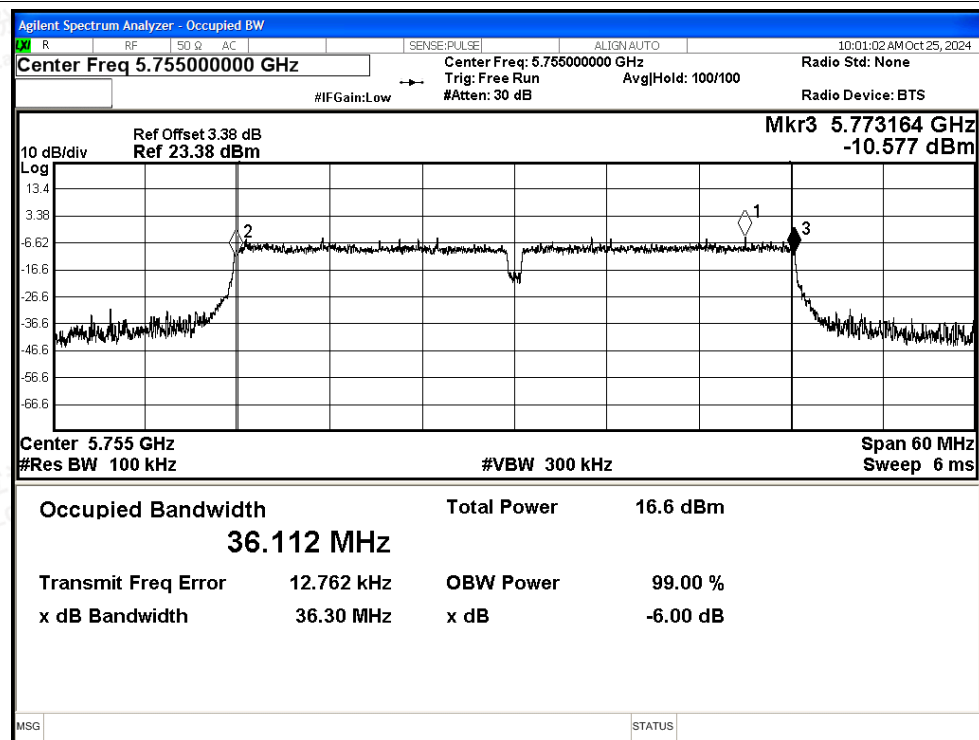
Scan code to check authenticity



-6dB Bandwidth NVNT ac20 5825MHz Ant3



-6dB Bandwidth NVNT ac40 5755MHz Ant3



Shenzhen LCS Compliance Testing Laboratory Ltd.

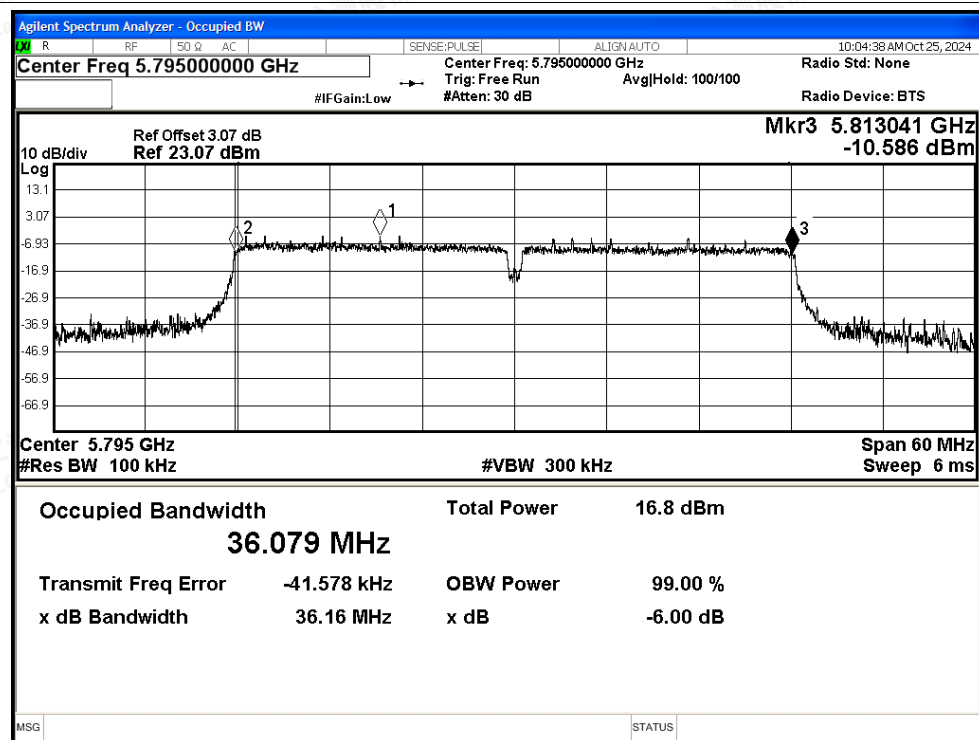
Add: 101, 201 Bldg A & 301 Bldg C, Juji Industrial Park Yabianxueziwei, Shajing Street, Baoan District, Shenzhen, 518000, China

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

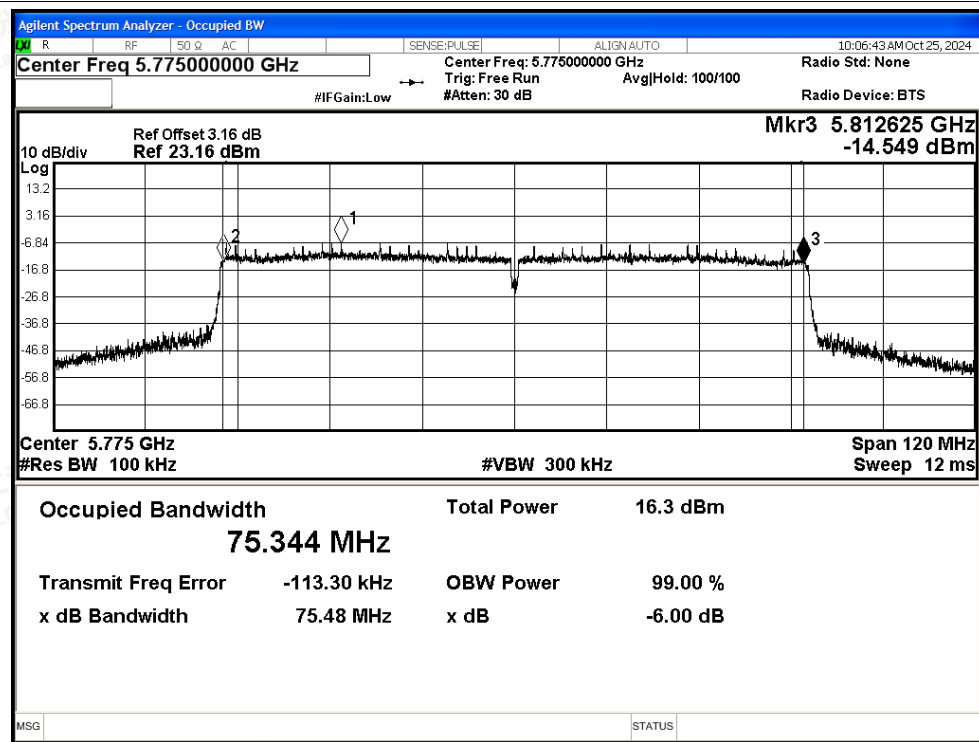
Scan code to check authenticity



-6dB Bandwidth NVNT ac40 5795MHz Ant3



-6dB Bandwidth NVNT ac80 5775MHz Ant3



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	5745	Ant3	12.18	0.24	12.42	30	Pass
NVNT	a	5785	Ant3	12.74	0.24	12.98	30	Pass
NVNT	a	5825	Ant3	11.91	0.24	12.15	30	Pass
NVNT	n20	5745	Ant3	11.58	0.12	11.7	30	Pass
NVNT	n20	5785	Ant3	11.16	0.12	11.28	30	Pass
NVNT	n20	5825	Ant3	11.69	0.12	11.81	30	Pass
NVNT	n40	5755	Ant3	10.19	0.12	10.31	30	Pass
NVNT	n40	5795	Ant3	10.43	0.12	10.55	30	Pass
NVNT	ac20	5745	Ant3	11.09	0.12	11.21	30	Pass
NVNT	ac20	5785	Ant3	11.29	0.12	11.41	30	Pass
NVNT	ac20	5825	Ant3	11.82	0.12	11.94	30	Pass
NVNT	ac40	5755	Ant3	10.27	0.12	10.39	30	Pass
NVNT	ac40	5795	Ant3	10.29	0.12	10.41	30	Pass
NVNT	ac80	5775	Ant3	9.3	0.25	9.55	30	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



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	5745	Ant3	-1.46	0.24	-1.22	30	Pass
NVNT	a	5785	Ant3	-1	0.24	-0.76	30	Pass
NVNT	a	5825	Ant3	-1.72	0.24	-1.48	30	Pass
NVNT	n20	5745	Ant3	-2.43	0.12	-2.31	30	Pass
NVNT	n20	5785	Ant3	-2.45	0.12	-2.33	30	Pass
NVNT	n20	5825	Ant3	-2.08	0.12	-1.96	30	Pass
NVNT	n40	5755	Ant3	-6.65	0.12	-6.53	30	Pass
NVNT	n40	5795	Ant3	-5.9	0.12	-5.78	30	Pass
NVNT	ac20	5745	Ant3	-2.81	0.12	-2.69	30	Pass
NVNT	ac20	5785	Ant3	-2.34	0.12	-2.22	30	Pass
NVNT	ac20	5825	Ant3	-2.11	0.12	-1.99	30	Pass
NVNT	ac40	5755	Ant3	-6.56	0.12	-6.44	30	Pass
NVNT	ac40	5795	Ant3	-5.96	0.12	-5.84	30	Pass
NVNT	ac80	5775	Ant3	-9.88	0.25	-9.63	30	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

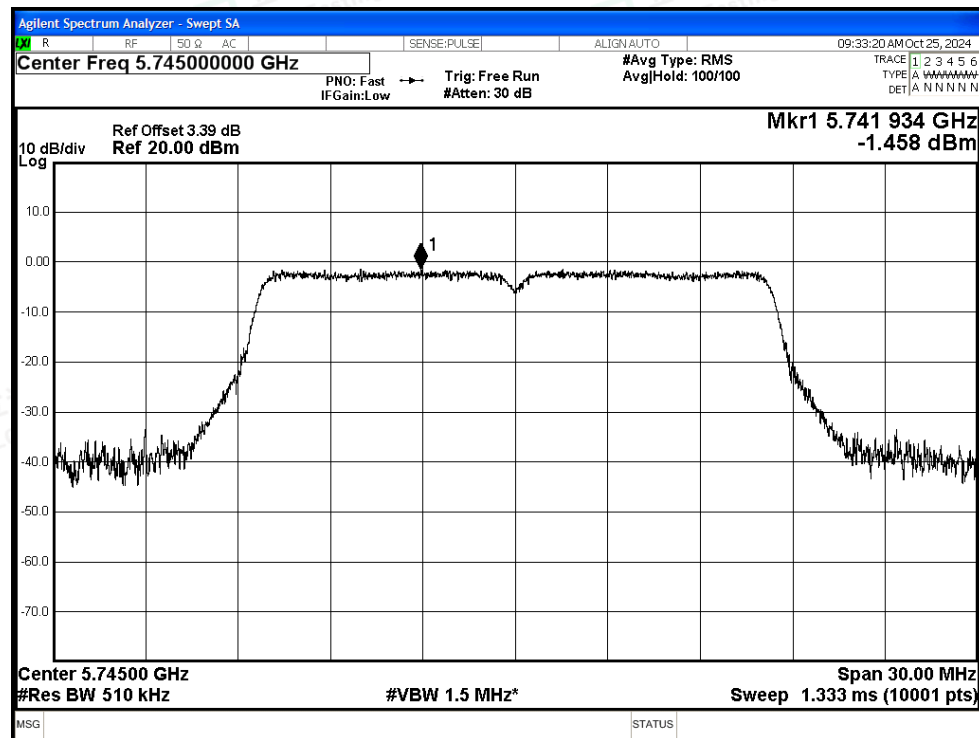
Tel: +(86) 0755-82591330 | E-mail: webmaster@lcs-cert.com | Web: www.lcs-cert.com

Scan code to check authenticity

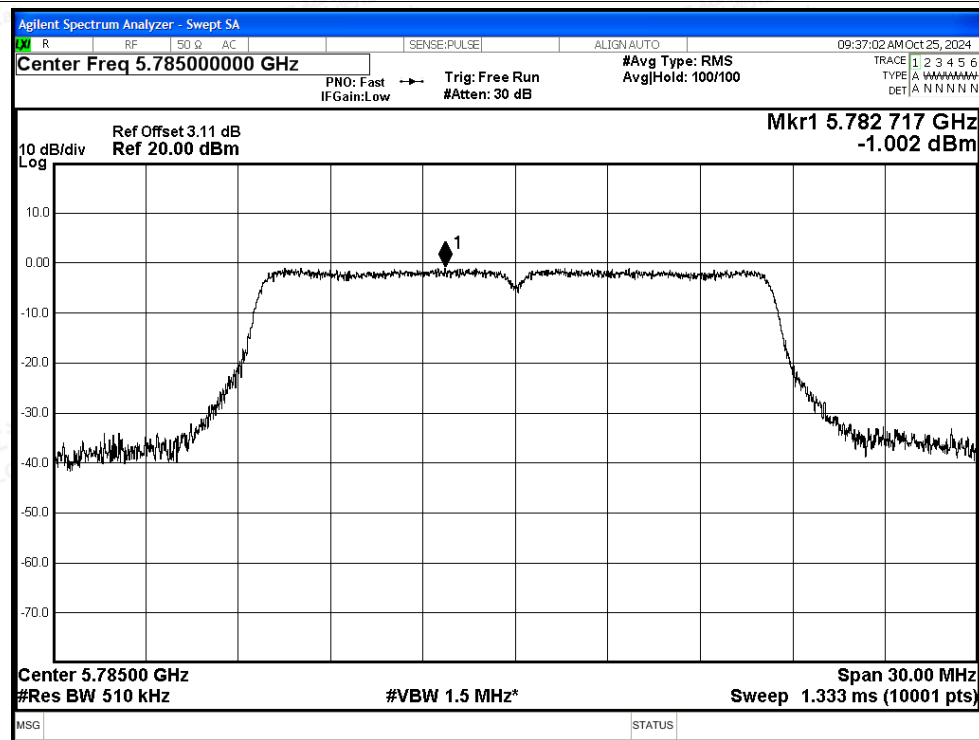


Test Graphs

PSD NVNT a 5745MHz Ant3



PSD NVNT a 5785MHz Ant3



Shenzhen LCS Compliance Testing Laboratory Ltd.

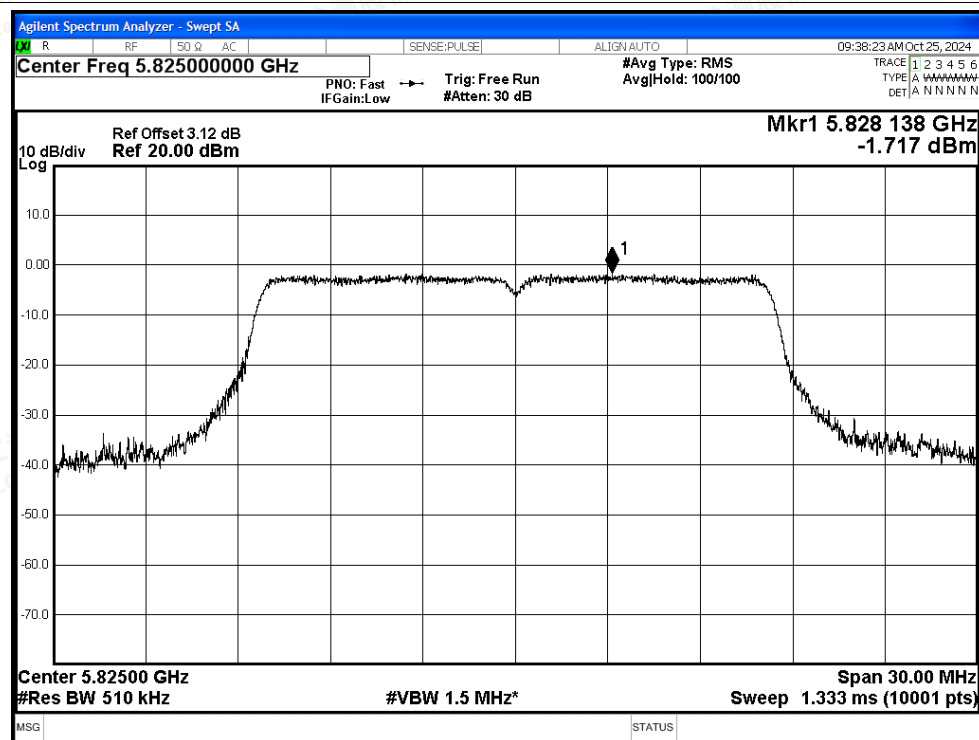
Add: 101, 201 Bldg A & 301 Bldg C, Juji Industrial Park Yabianxueziwei, Shajing Street, Baoan District, Shenzhen, 518000, China

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

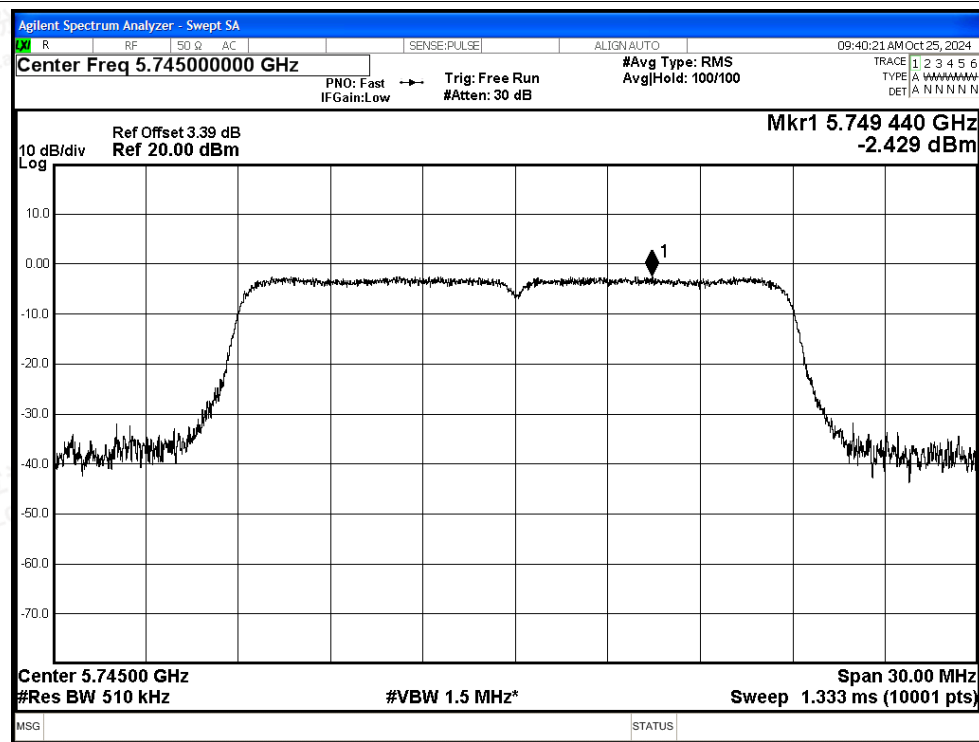
Scan code to check authenticity



PSD NVNT a 5825MHz Ant3



PSD NVNT n20 5745MHz Ant3

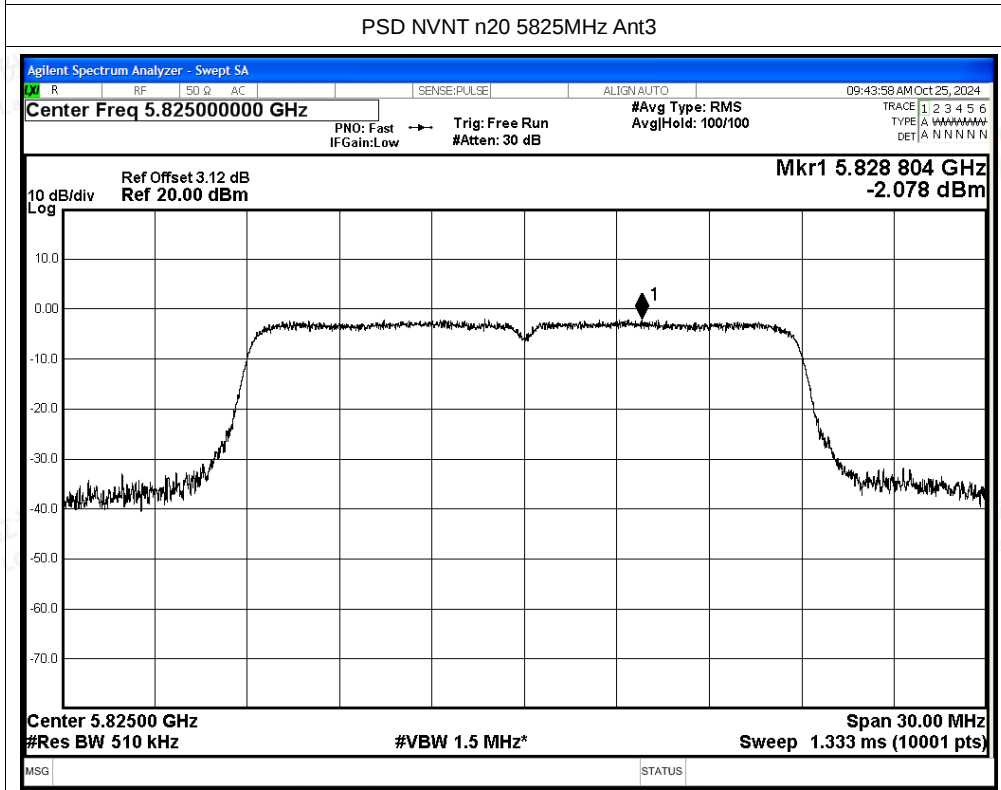
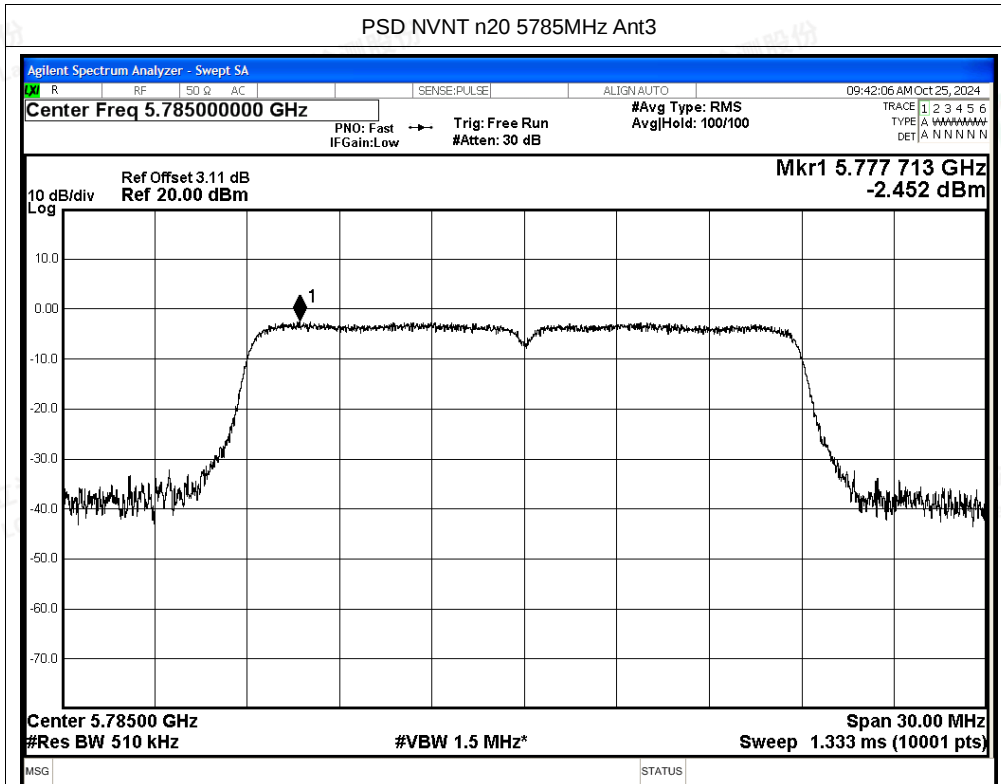


Shenzhen LCS Compliance Testing Laboratory Ltd.

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

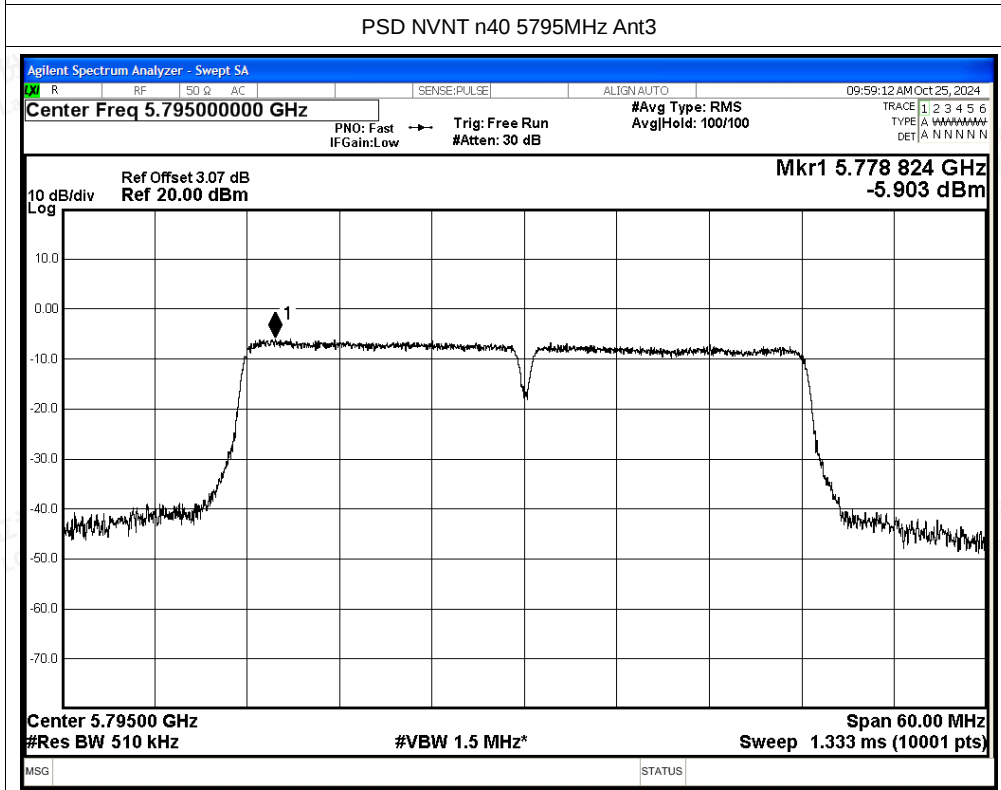
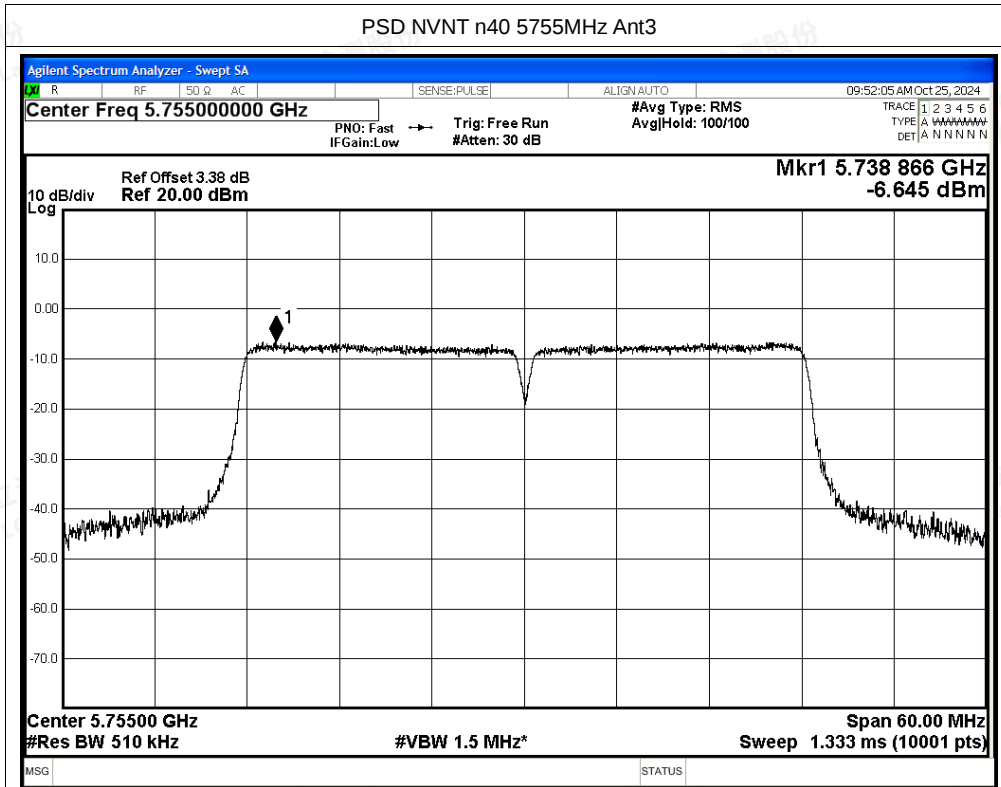


Shenzhen LCS Compliance Testing Laboratory Ltd.

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.

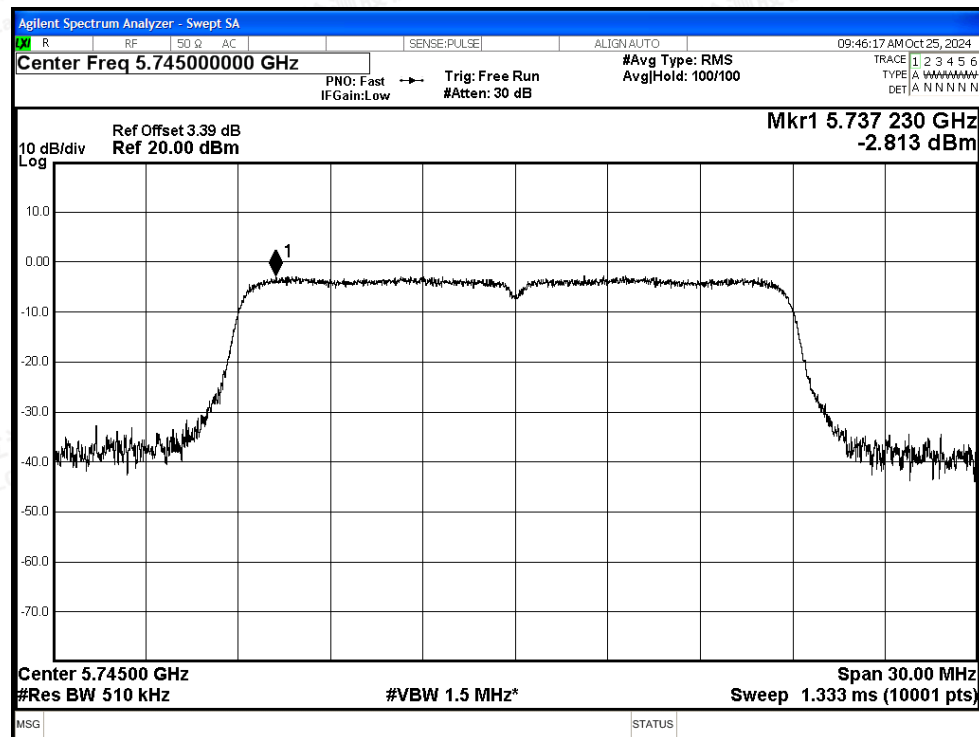
Add: 101, 201 Bldg A & 301 Bldg C, Juji Industrial Park Yabianxueziwei, Shajing Street, Baoan District, Shenzhen, 518000, China

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

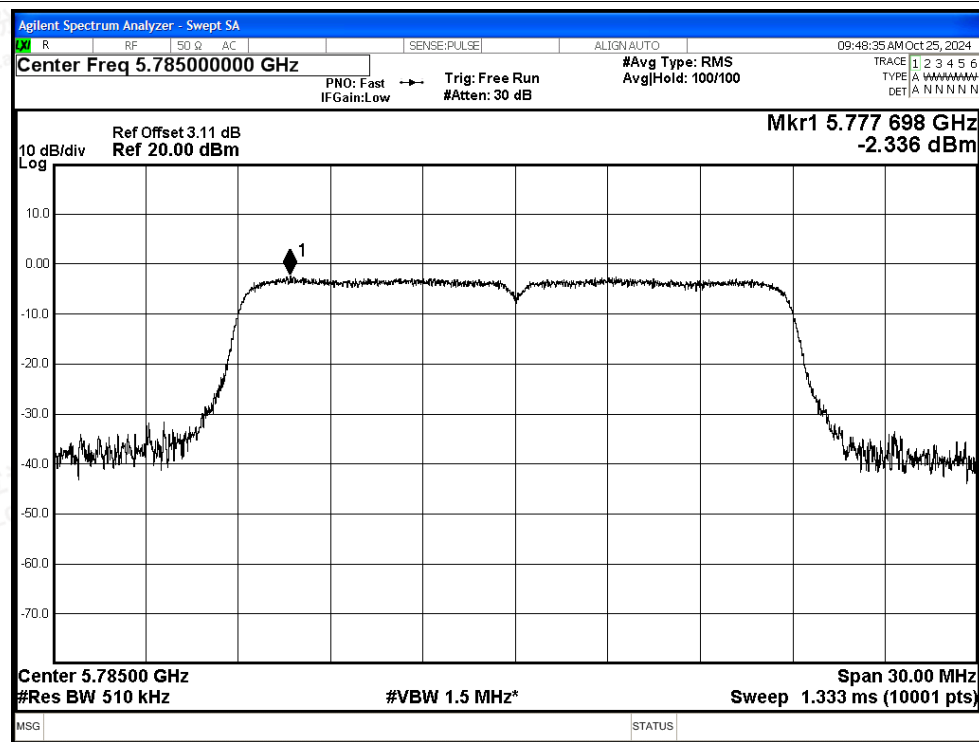
Scan code to check authenticity



PSD NVNT ac20 5745MHz Ant3



PSD NVNT ac20 5785MHz Ant3



Shenzhen LCS Compliance Testing Laboratory Ltd.

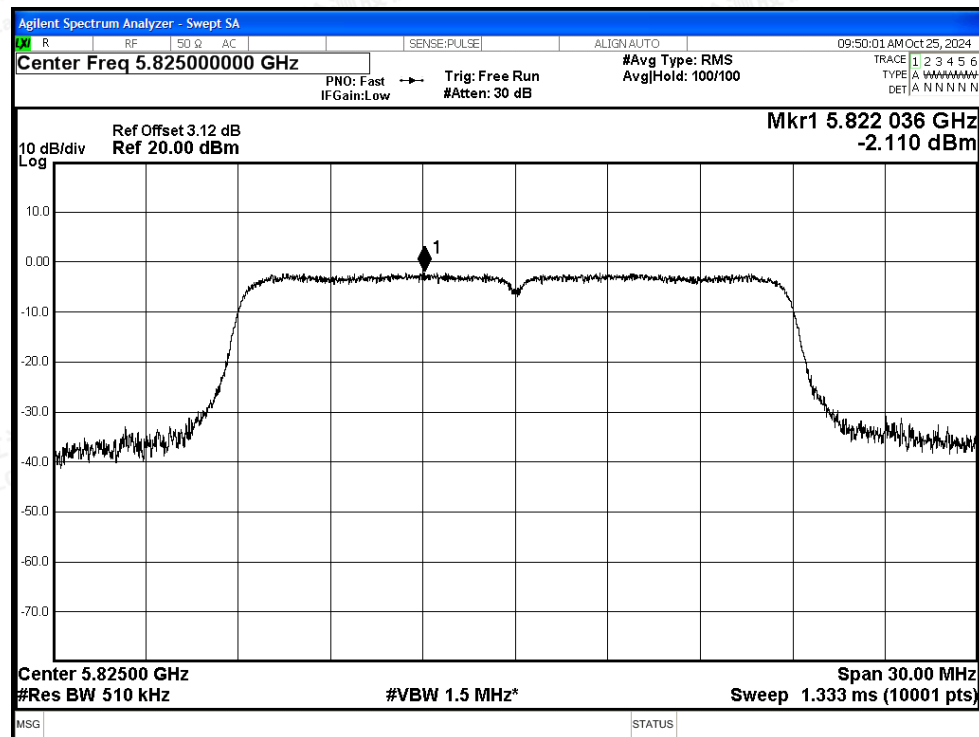
Add: 101, 201 Bldg A & 301 Bldg C, Juji Industrial Park Yabianxueziwei, Shajing Street, Baoan District, Shenzhen, 518000, China

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

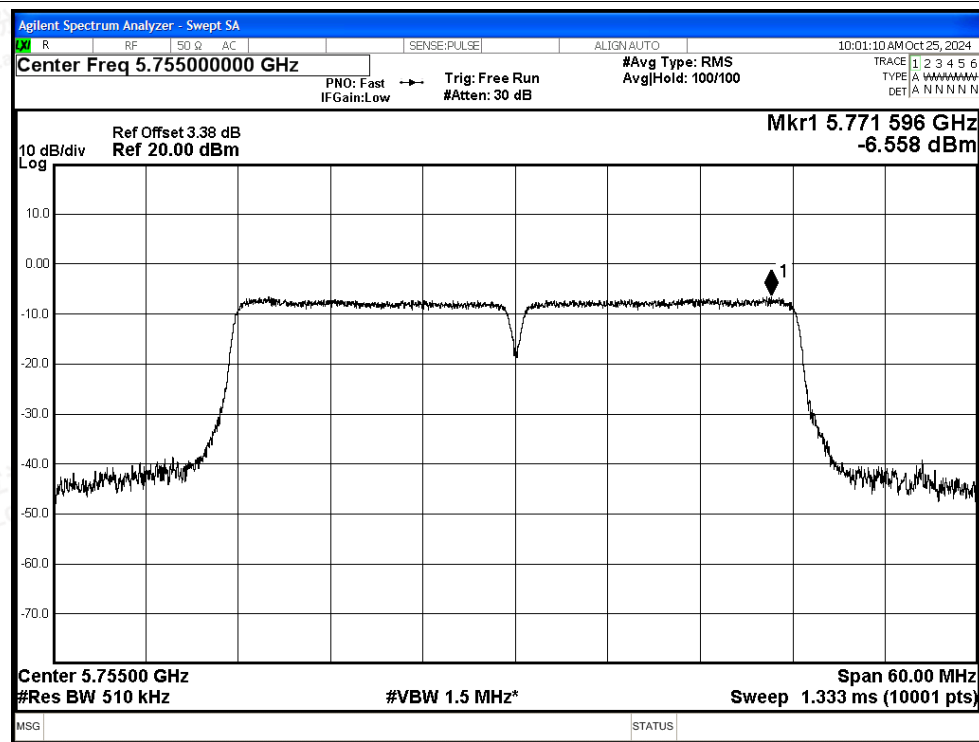
Scan code to check authenticity



PSD NVNT ac20 5825MHz Ant3



PSD NVNT ac40 5755MHz Ant3



Shenzhen LCS Compliance Testing Laboratory Ltd.

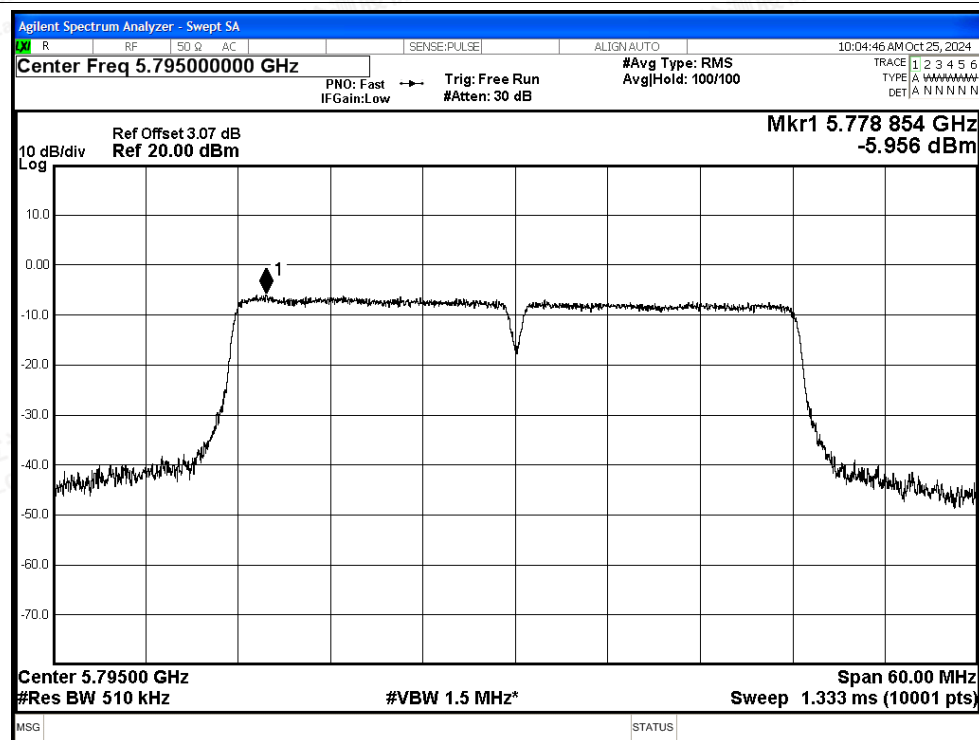
Add: 101, 201 Bldg A & 301 Bldg C, Juji Industrial Park Yabianxueziwei, Shajing Street, Baoan District, Shenzhen, 518000, China

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

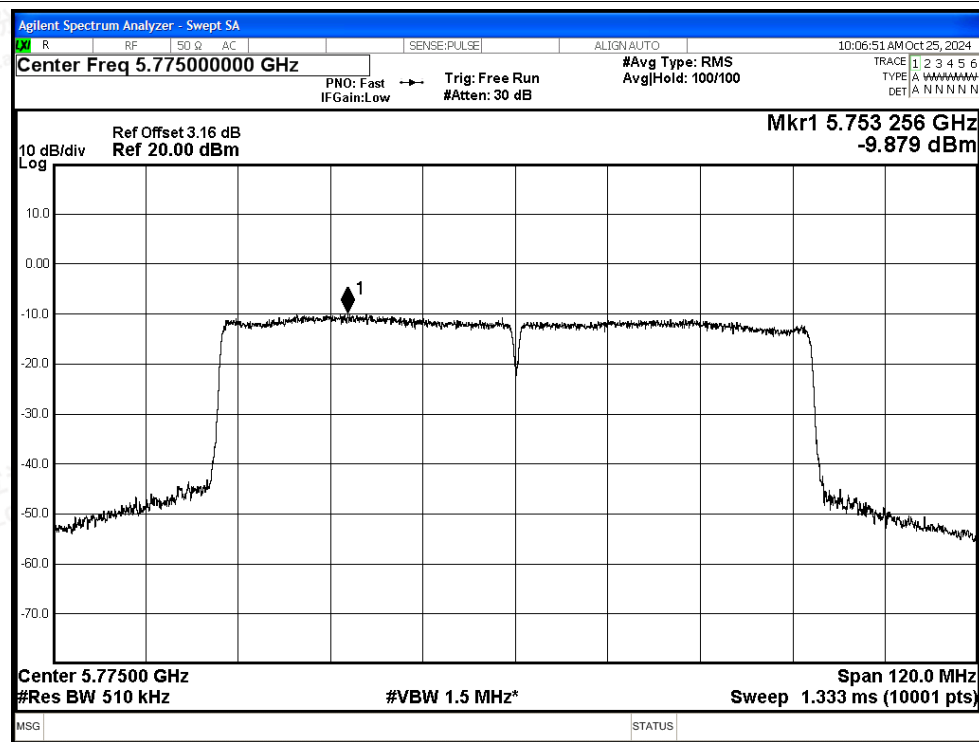
Scan code to check authenticity



PSD NVNT ac40 5795MHz Ant3



PSD NVNT ac80 5775MHz Ant3



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)	EIRP Power (dBm)	Detector	Limit (dBm)	Verdict
NVNT	a	5745	Ant3	5650	-49.26	2	-	-47.26	Peak	-27	Pass
NVNT	a	5745	Ant3	5650	-56.97	2	0.24	-54.73	Average	-27	Pass
NVNT	a	5745	Ant3	5700	-46.46	2	-	-44.46	Peak	10	Pass
NVNT	a	5745	Ant3	5700	-54.67	2	0.24	-52.43	Average	10	Pass
NVNT	a	5745	Ant3	5720	-30.85	2	-	-28.85	Peak	15.6	Pass
NVNT	a	5745	Ant3	5720	-46.37	2	0.24	-44.13	Average	15.6	Pass
NVNT	a	5745	Ant3	5725	-24.48	2	-	-22.48	Peak	27	Pass
NVNT	a	5745	Ant3	5725	-41.9	2	0.24	-39.66	Average	27	Pass
NVNT	a	5825	Ant3	5850	-32.49	2	-	-30.49	Peak	27	Pass
NVNT	a	5825	Ant3	5850	-49.17	2	0.24	-46.93	Average	27	Pass
NVNT	a	5825	Ant3	5855	-37.06	2	-	-35.06	Peak	15.6	Pass
NVNT	a	5825	Ant3	5855	-51.78	2	0.24	-49.54	Average	15.6	Pass
NVNT	a	5825	Ant3	5875	-46.14	2	-	-44.14	Peak	10	Pass
NVNT	a	5825	Ant3	5875	-55.38	2	0.24	-53.14	Average	10	Pass
NVNT	a	5825	Ant3	5925	-49.26	2	-	-47.26	Peak	-27	Pass
NVNT	a	5825	Ant3	5925	-56	2	0.24	-53.76	Average	-27	Pass
NVNT	n20	5745	Ant3	5650	-47.74	2	-	-45.74	Peak	-27	Pass
NVNT	n20	5745	Ant3	5650	-57.5	2	0.12	-55.38	Average	-27	Pass
NVNT	n20	5745	Ant3	5700	-45.65	2	-	-43.65	Peak	10	Pass
NVNT	n20	5745	Ant3	5700	-54.89	2	0.12	-52.77	Average	10	Pass
NVNT	n20	5745	Ant3	5720	-30.29	2	-	-28.29	Peak	15.6	Pass
NVNT	n20	5745	Ant3	5720	-45.44	2	0.12	-43.32	Average	15.6	Pass
NVNT	n20	5745	Ant3	5725	-22.79	2	-	-20.79	Peak	27	Pass
NVNT	n20	5745	Ant3	5725	-38.54	2	0.12	-36.42	Average	27	Pass
NVNT	n20	5825	Ant3	5850	-35.74	2	-	-33.74	Peak	27	Pass
NVNT	n20	5825	Ant3	5850	-47.46	2	0.12	-45.34	Average	27	Pass
NVNT	n20	5825	Ant3	5855	-35.78	2	-	-33.78	Peak	15.6	Pass
NVNT	n20	5825	Ant3	5855	-51.66	2	0.12	-49.54	Average	15.6	Pass
NVNT	n20	5825	Ant3	5875	-45.86	2	-	-43.86	Peak	10	Pass
NVNT	n20	5825	Ant3	5875	-56.02	2	0.12	-53.9	Average	10	Pass
NVNT	n20	5825	Ant3	5925	-48.48	2	-	-46.48	Peak	-27	Pass
NVNT	n20	5825	Ant3	5925	-56.48	2	0.12	-54.36	Average	-27	Pass
NVNT	n40	5755	Ant3	5650	-50.03	2	-	-48.03	Peak	-27	Pass
NVNT	n40	5755	Ant3	5650	-56.94	2	0.12	-54.82	Average	-27	Pass
NVNT	n40	5755	Ant3	5700	-44.44	2	-	-42.44	Peak	10	Pass
NVNT	n40	5755	Ant3	5700	-54.65	2	0.12	-52.53	Average	10	Pass
NVNT	n40	5755	Ant3	5720	-30.77	2	-	-28.77	Peak	15.6	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	n40	5755	Ant3	5720	-45.71	2	0.12	-43.59	Average	15.6	Pass
NVNT	n40	5755	Ant3	5725	-28.53	2	-	-26.53	Peak	27	Pass
NVNT	n40	5755	Ant3	5725	-44.74	2	0.12	-42.62	Average	27	Pass
NVNT	n40	5795	Ant3	5850	-46.46	2	-	-44.46	Peak	27	Pass
NVNT	n40	5795	Ant3	5850	-55.75	2	0.12	-53.63	Average	27	Pass
NVNT	n40	5795	Ant3	5855	-48.06	2	-	-46.06	Peak	15.6	Pass
NVNT	n40	5795	Ant3	5855	-55.93	2	0.12	-53.81	Average	15.6	Pass
NVNT	n40	5795	Ant3	5875	-48.54	2	-	-46.54	Peak	10	Pass
NVNT	n40	5795	Ant3	5875	-57.1	2	0.12	-54.98	Average	10	Pass
NVNT	n40	5795	Ant3	5925	-47.63	2	-	-45.63	Peak	-27	Pass
NVNT	n40	5795	Ant3	5925	-57.42	2	0.12	-55.3	Average	-27	Pass
NVNT	ac20	5745	Ant3	5650	-49.48	2	-	-47.48	Peak	-27	Pass
NVNT	ac20	5745	Ant3	5650	-57.04	2	0.12	-54.92	Average	-27	Pass
NVNT	ac20	5745	Ant3	5700	-46.51	2	-	-44.51	Peak	10	Pass
NVNT	ac20	5745	Ant3	5700	-55.11	2	0.12	-52.99	Average	10	Pass
NVNT	ac20	5745	Ant3	5720	-32.99	2	-	-30.99	Peak	15.6	Pass
NVNT	ac20	5745	Ant3	5720	-44.05	2	0.12	-41.93	Average	15.6	Pass
NVNT	ac20	5745	Ant3	5725	-27.02	2	-	-25.02	Peak	27	Pass
NVNT	ac20	5745	Ant3	5725	-39.53	2	0.12	-37.41	Average	27	Pass
NVNT	ac20	5825	Ant3	5850	-34.91	2	-	-32.91	Peak	27	Pass
NVNT	ac20	5825	Ant3	5850	-46.26	2	0.12	-44.14	Average	27	Pass
NVNT	ac20	5825	Ant3	5855	-37.15	2	-	-35.15	Peak	15.6	Pass
NVNT	ac20	5825	Ant3	5855	-51.87	2	0.12	-49.75	Average	15.6	Pass
NVNT	ac20	5825	Ant3	5875	-47.85	2	-	-45.85	Peak	10	Pass
NVNT	ac20	5825	Ant3	5875	-55.78	2	0.12	-53.66	Average	10	Pass
NVNT	ac20	5825	Ant3	5925	-47.38	2	-	-45.38	Peak	-27	Pass
NVNT	ac20	5825	Ant3	5925	-56.53	2	0.12	-54.41	Average	-27	Pass
NVNT	ac40	5755	Ant3	5650	-50.74	2	-	-48.74	Peak	-27	Pass
NVNT	ac40	5755	Ant3	5650	-57.24	2	0.12	-55.12	Average	-27	Pass
NVNT	ac40	5755	Ant3	5700	-47.33	2	-	-45.33	Peak	10	Pass
NVNT	ac40	5755	Ant3	5700	-54.57	2	0.12	-52.45	Average	10	Pass
NVNT	ac40	5755	Ant3	5720	-29.75	2	-	-27.75	Peak	15.6	Pass
NVNT	ac40	5755	Ant3	5720	-44.99	2	0.12	-42.87	Average	15.6	Pass
NVNT	ac40	5755	Ant3	5725	-27.74	2	-	-25.74	Peak	27	Pass
NVNT	ac40	5755	Ant3	5725	-42.18	2	0.12	-40.06	Average	27	Pass
NVNT	ac40	5795	Ant3	5850	-48.24	2	-	-46.24	Peak	27	Pass
NVNT	ac40	5795	Ant3	5850	-56.28	2	0.12	-54.16	Average	27	Pass
NVNT	ac40	5795	Ant3	5855	-47.57	2	-	-45.57	Peak	15.6	Pass
NVNT	ac40	5795	Ant3	5855	-56.18	2	0.12	-54.06	Average	15.6	Pass
NVNT	ac40	5795	Ant3	5875	-50.06	2	-	-48.06	Peak	10	Pass
NVNT	ac40	5795	Ant3	5875	-58.28	2	0.12	-56.16	Average	10	Pass
NVNT	ac40	5795	Ant3	5925	-50.56	2	-	-48.56	Peak	-27	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	ac40	5795	Ant3	5925	-58.19	2	0.12	-56.07	Average	-27	Pass
NVNT	ac80	5775	Ant3	5650	-47.94	2	-	-45.94	Peak	-27	Pass
NVNT	ac80	5775	Ant3	5650	-56.58	2	0.25	-54.33	Average	-27	Pass
NVNT	ac80	5775	Ant3	5700	-43.99	2	-	-41.99	Peak	10	Pass
NVNT	ac80	5775	Ant3	5700	-52.72	2	0.25	-50.47	Average	10	Pass
NVNT	ac80	5775	Ant3	5720	-34.19	2	-	-32.19	Peak	15.6	Pass
NVNT	ac80	5775	Ant3	5720	-48.23	2	0.25	-45.98	Average	15.6	Pass
NVNT	ac80	5775	Ant3	5725	-34.93	2	-	-32.93	Peak	27	Pass
NVNT	ac80	5775	Ant3	5725	-45.34	2	0.25	-43.09	Average	27	Pass
NVNT	ac80	5775	Ant3	5850	-41.84	2	-	-39.84	Peak	27	Pass
NVNT	ac80	5775	Ant3	5850	-53.33	2	0.25	-51.08	Average	27	Pass
NVNT	ac80	5775	Ant3	5855	-44.3	2	-	-42.3	Peak	15.6	Pass
NVNT	ac80	5775	Ant3	5855	-53.55	2	0.25	-51.3	Average	15.6	Pass
NVNT	ac80	5775	Ant3	5875	-47.32	2	-	-45.32	Peak	10	Pass
NVNT	ac80	5775	Ant3	5875	-56.31	2	0.25	-54.06	Average	10	Pass
NVNT	ac80	5775	Ant3	5925	-47.75	2	-	-45.75	Peak	-27	Pass
NVNT	ac80	5775	Ant3	5925	-56.98	2	0.25	-54.73	Average	-27	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

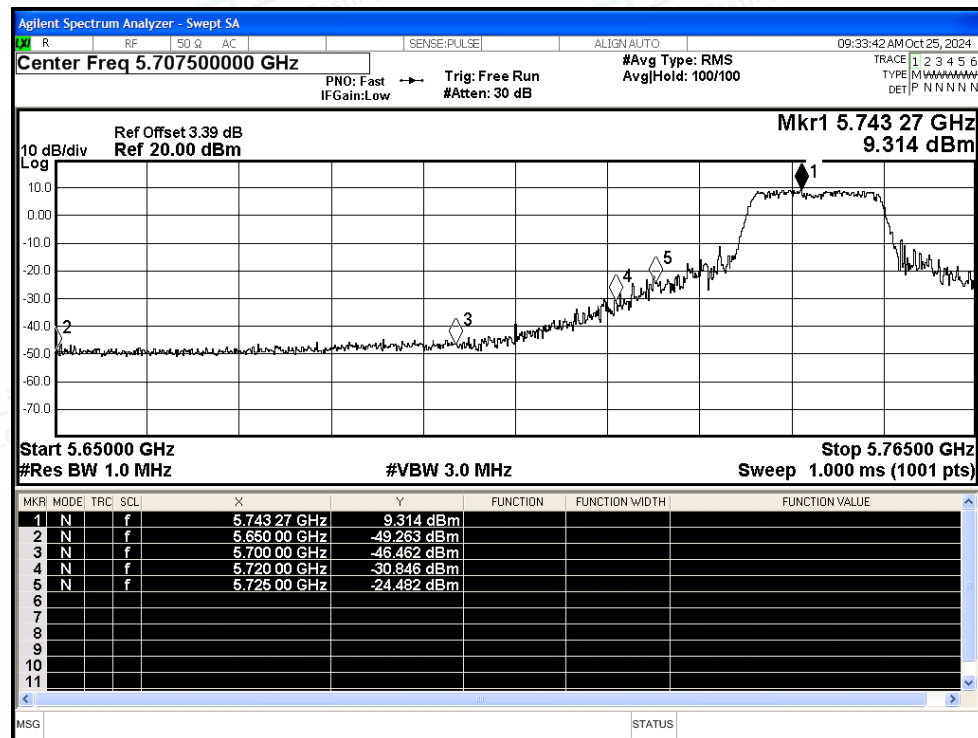
Tel: +(86) 0755-82591330 | E-mail: webmaster@lcs-cert.com | Web: www.lcs-cert.com

Scan code to check authenticity

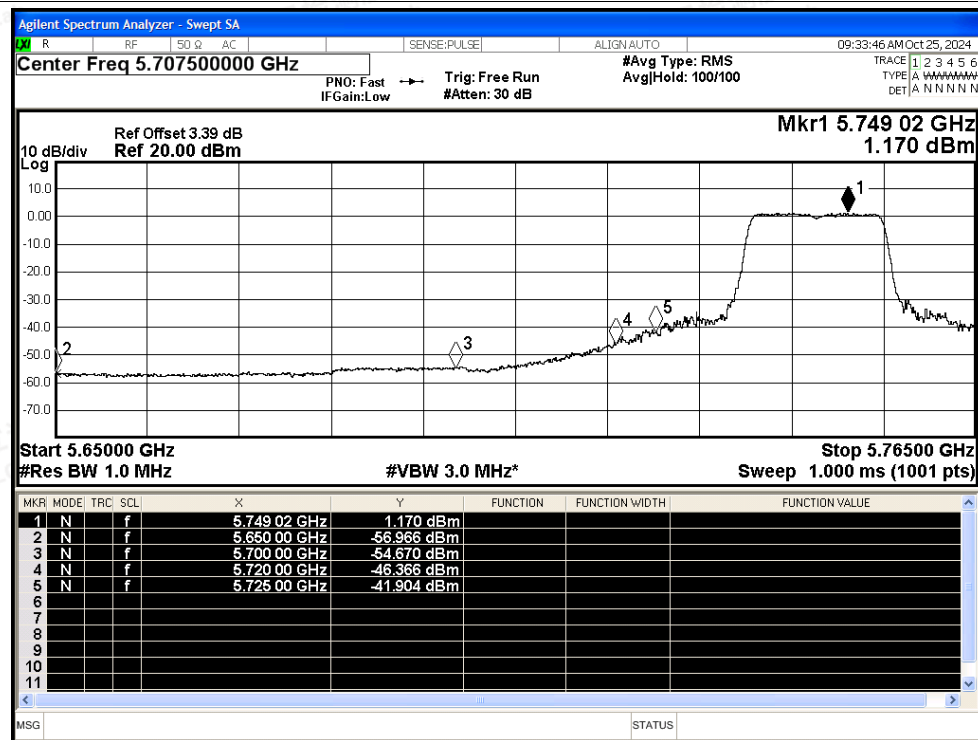


Test Graphs

Restrict Band NVNT a 5745MHz Ant3 Peak



Restrict Band NVNT a 5745MHz Ant3 Average



Shenzhen LCS Compliance Testing Laboratory Ltd.

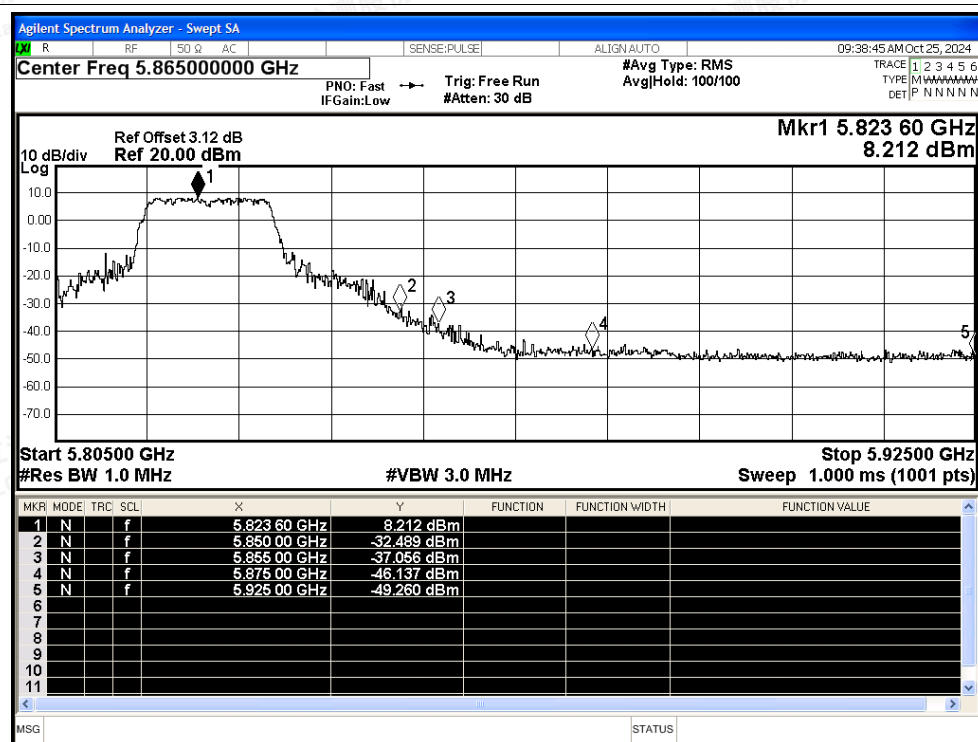
Add: 101, 201 Bldg A & 301 Bldg C, Juji Industrial Park Yabianxueziwei, Shajing Street, Baoan District, Shenzhen, 518000, China

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

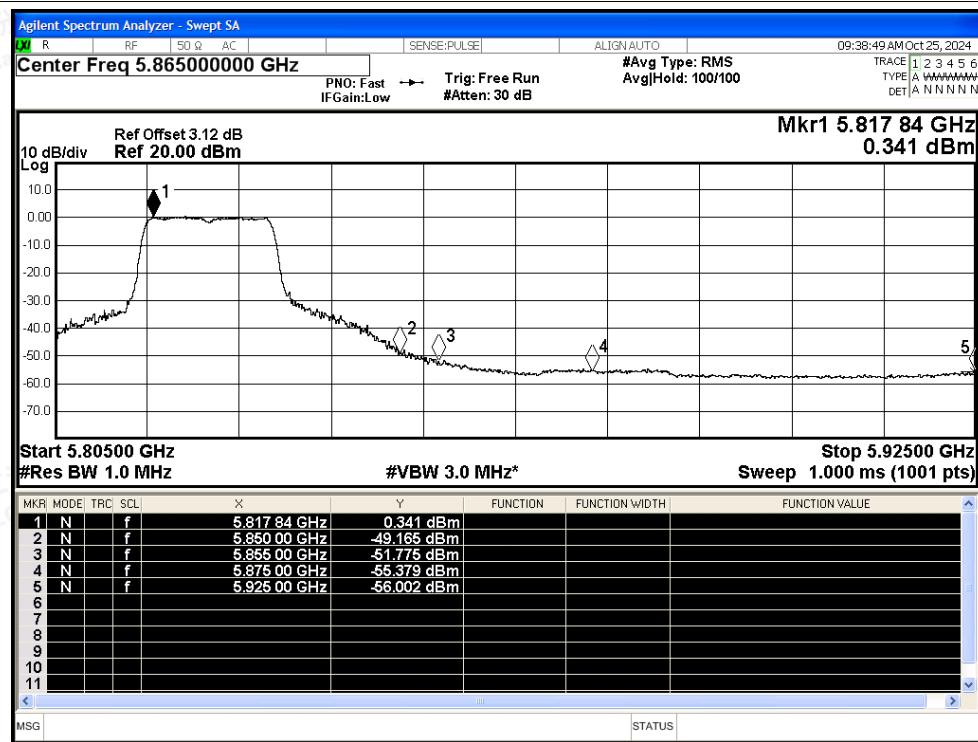
Scan code to check authenticity



Restrict Band NVNT a 5825MHz Ant3 Peak



Restrict Band NVNT a 5825MHz Ant3 Average



Shenzhen LCS Compliance Testing Laboratory Ltd.

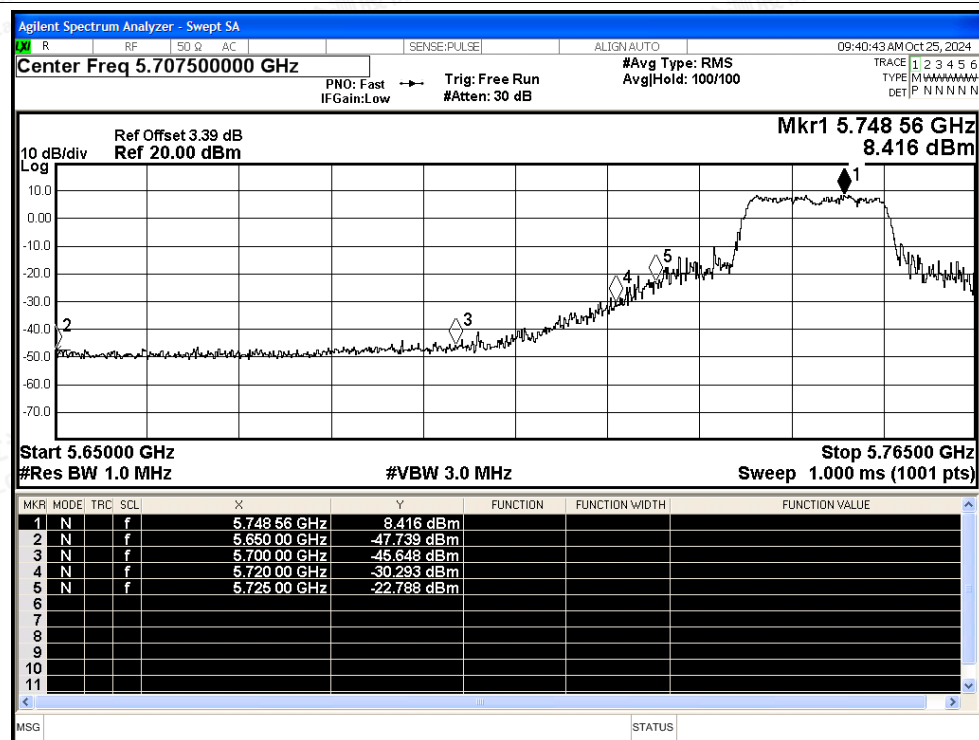
Add: 101, 201 Bldg A & 301 Bldg C, Juji Industrial Park Yabianxueziwei, Shajing Street, Baoan District, Shenzhen, 518000, China

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

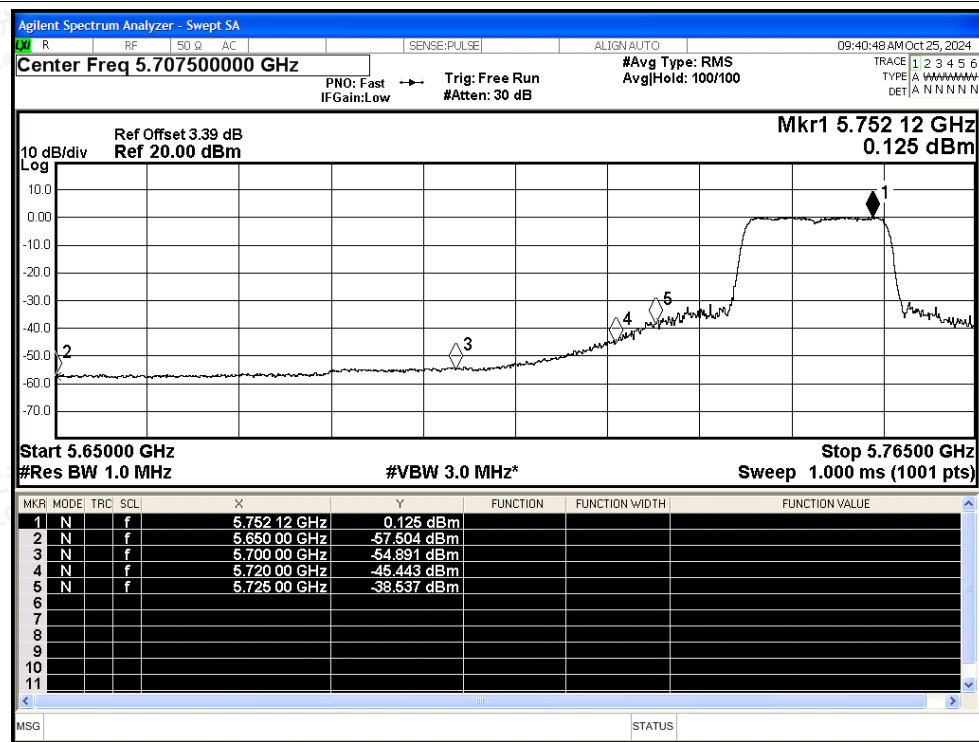
Scan code to check authenticity



Restrict Band NVNT n20 5745MHz Ant3 Peak



Restrict Band NVNT n20 5745MHz Ant3 Average



Shenzhen LCS Compliance Testing Laboratory Ltd.

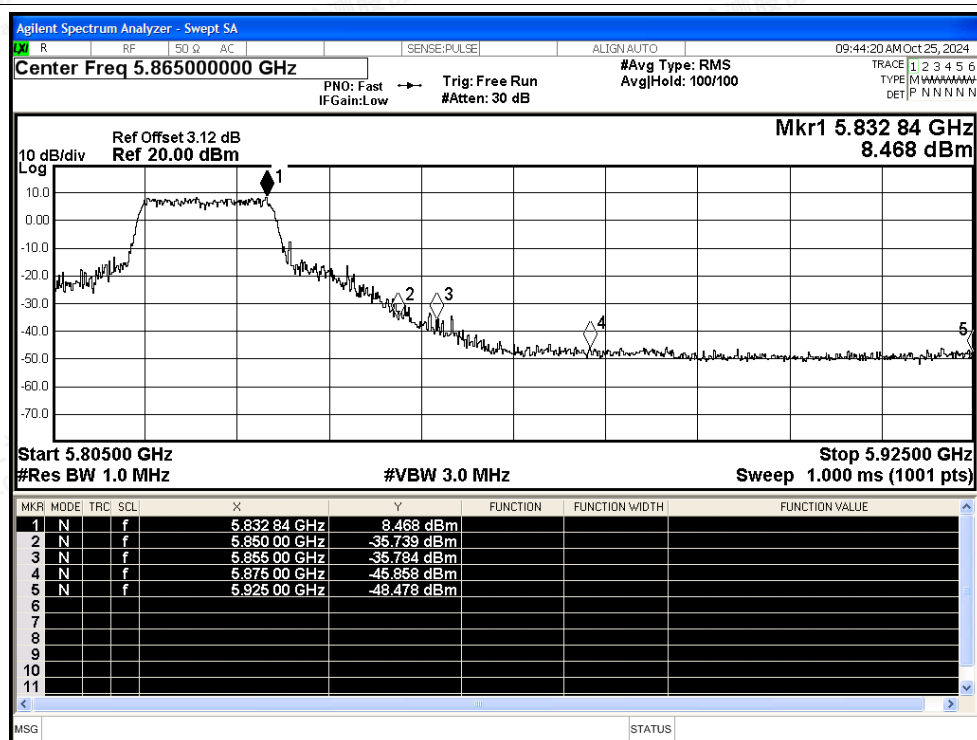
Add: 101, 201 Bldg A & 301 Bldg C, Juji Industrial Park Yabianxueziwei, Shajing Street, Baoan District, Shenzhen, 518000, China

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

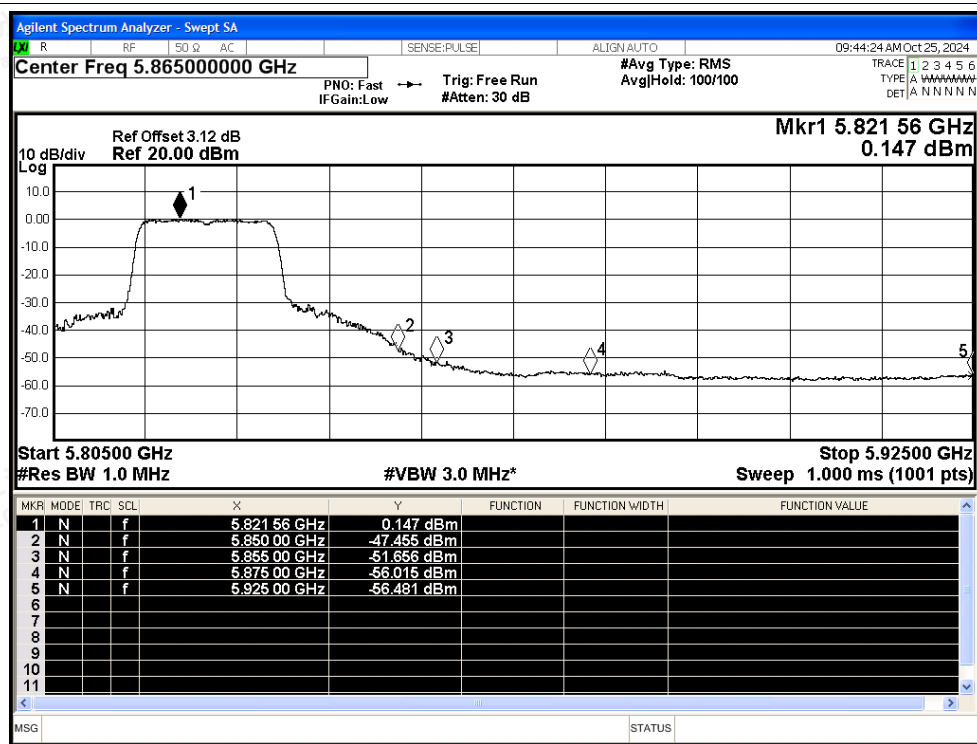
Scan code to check authenticity



Restrict Band NVNT n20 5825MHz Ant3 Peak



Restrict Band NVNT n20 5825MHz Ant3 Average



Shenzhen LCS Compliance Testing Laboratory Ltd.

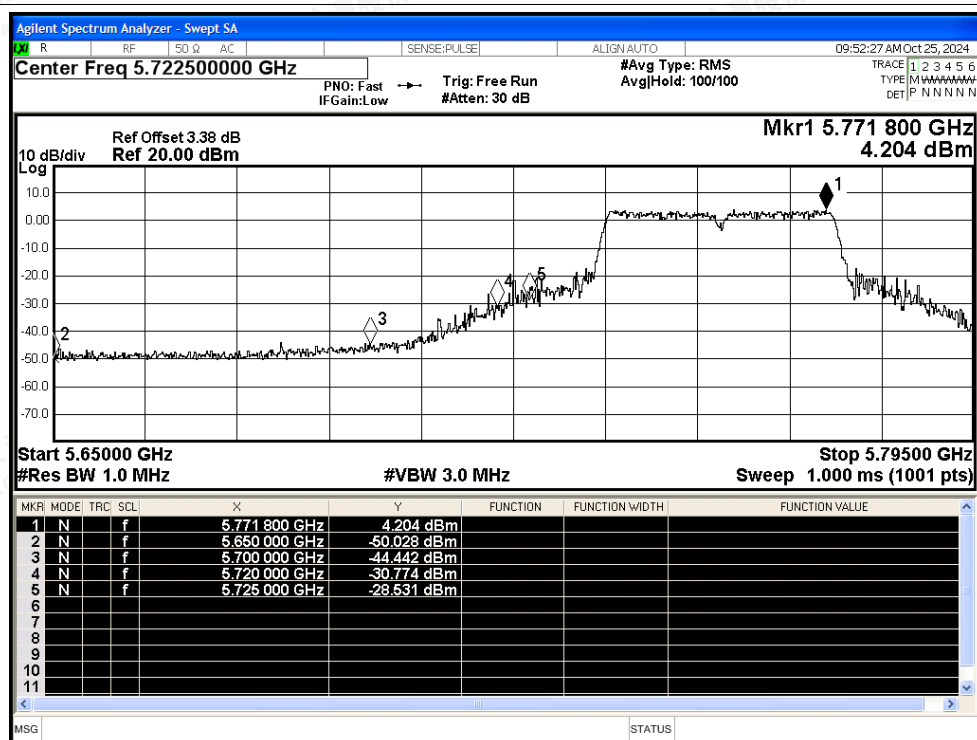
Add: 101, 201 Bldg A & 301 Bldg C, Juji Industrial Park Yabianxueziwei, Shajing Street, Baoan District, Shenzhen, 518000, China

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

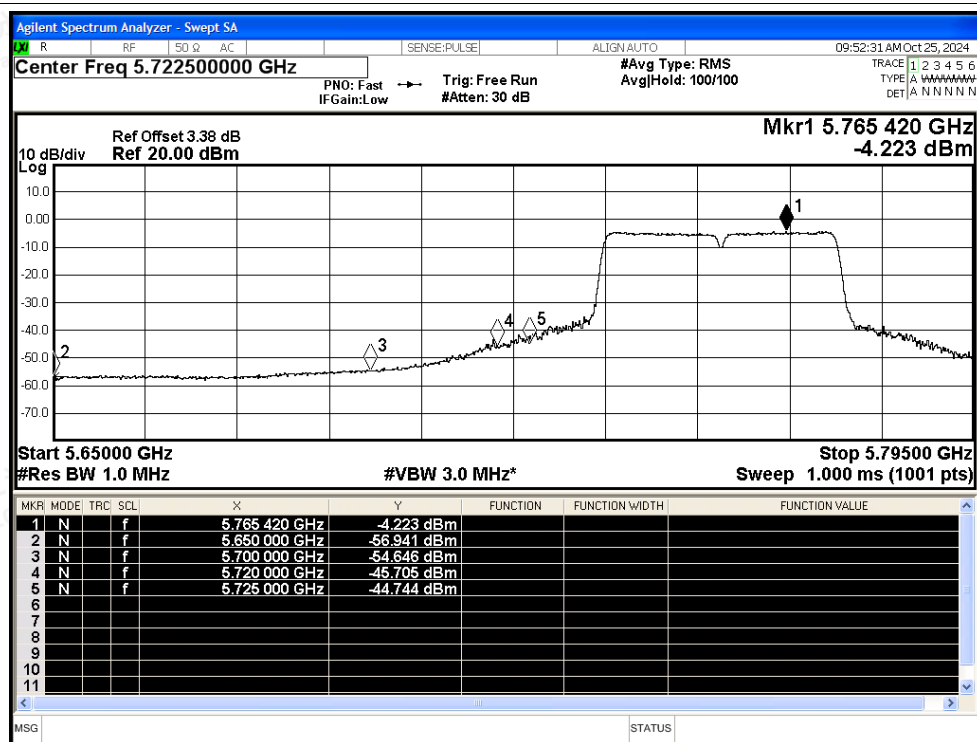
Scan code to check authenticity



Restrict Band NVNT n40 5755MHz Ant3 Peak



Restrict Band NVNT n40 5755MHz Ant3 Average



Shenzhen LCS Compliance Testing Laboratory Ltd.

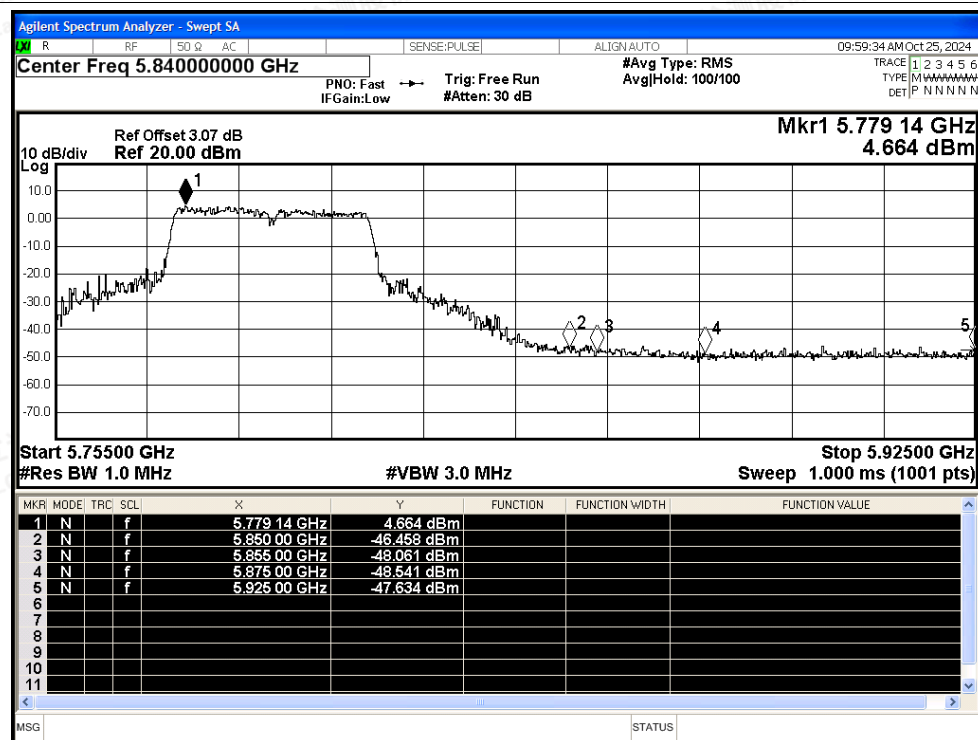
Add: 101, 201 Bldg A & 301 Bldg C, Juji Industrial Park Yabianxueziwei, Shajing Street, Baoan District, Shenzhen, 518000, China

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

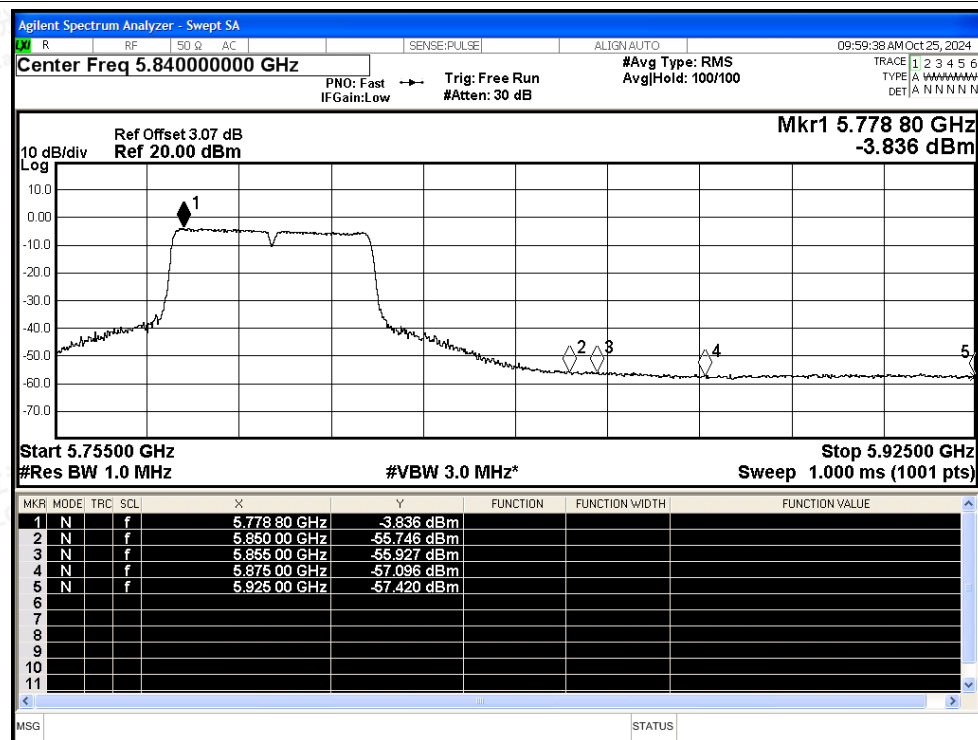
Scan code to check authenticity



Restrict Band NVNT n40 5795MHz Ant3 Peak



Restrict Band NVNT n40 5795MHz Ant3 Average



Shenzhen LCS Compliance Testing Laboratory Ltd.

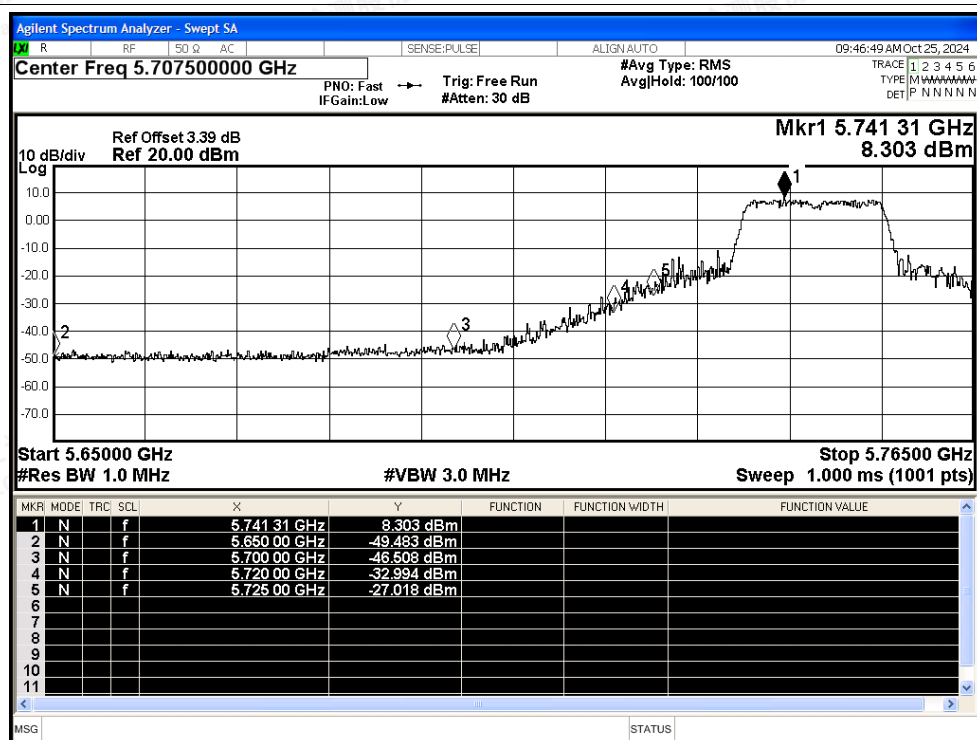
Add: 101, 201 Bldg A & 301 Bldg C, Juji Industrial Park Yabianxueziwei, Shajing Street, Baoan District, Shenzhen, 518000, China

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

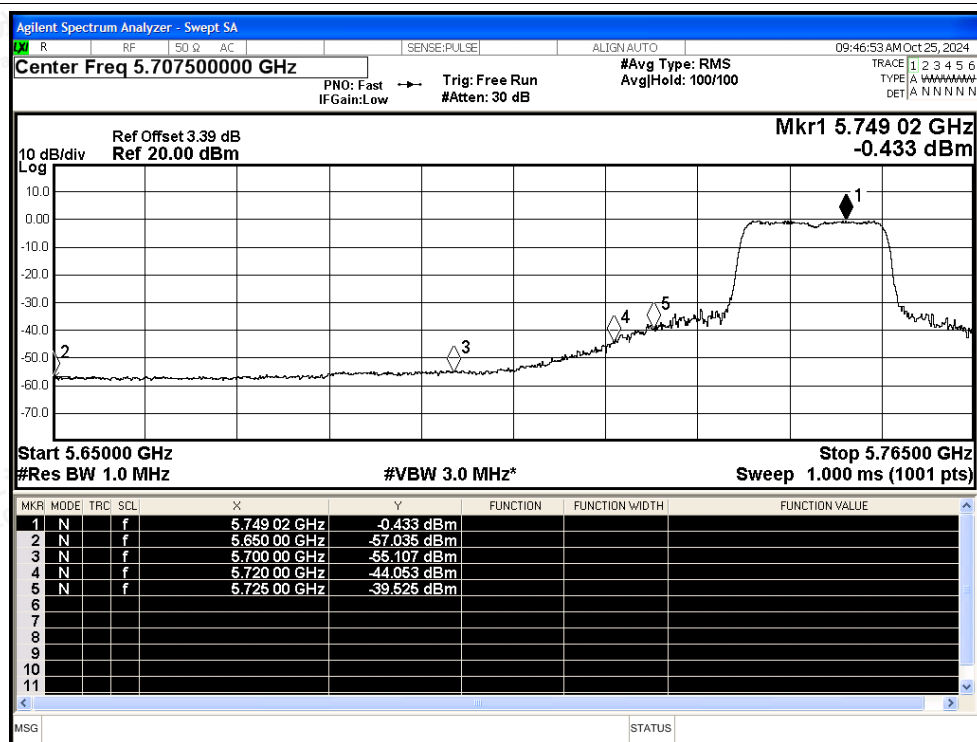
Scan code to check authenticity



Restrict Band NVNT ac20 5745MHz Ant3 Peak



Restrict Band NVNT ac20 5745MHz Ant3 Average



Shenzhen LCS Compliance Testing Laboratory Ltd.

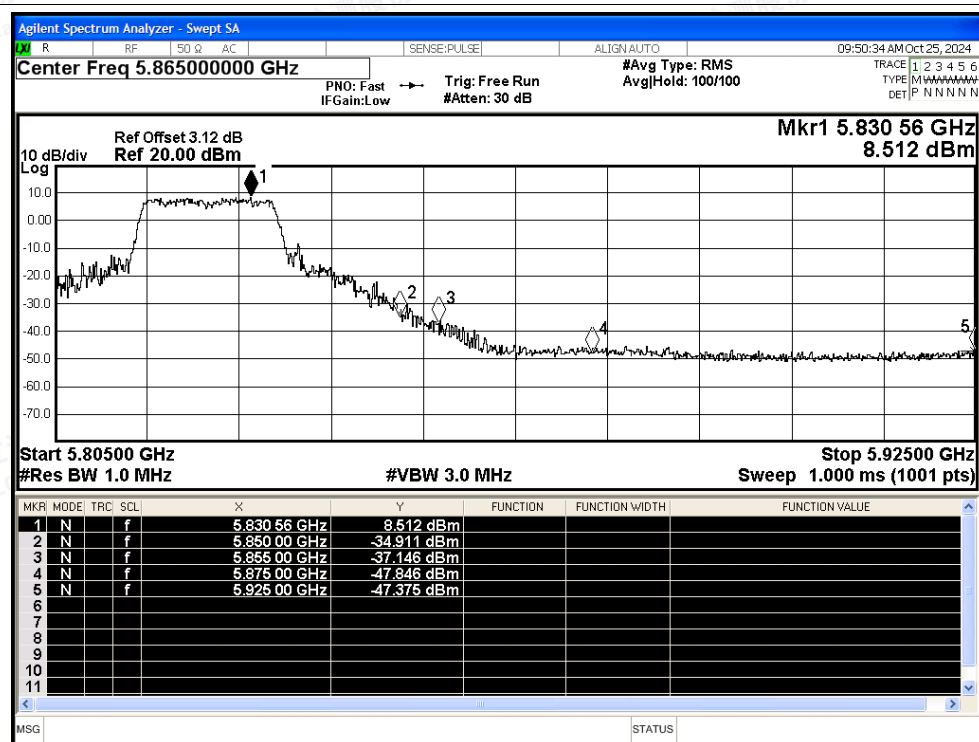
Add: 101, 201 Bldg A & 301 Bldg C, Juji Industrial Park Yabianxueziwei, Shajing Street, Baoan District, Shenzhen, 518000, China

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

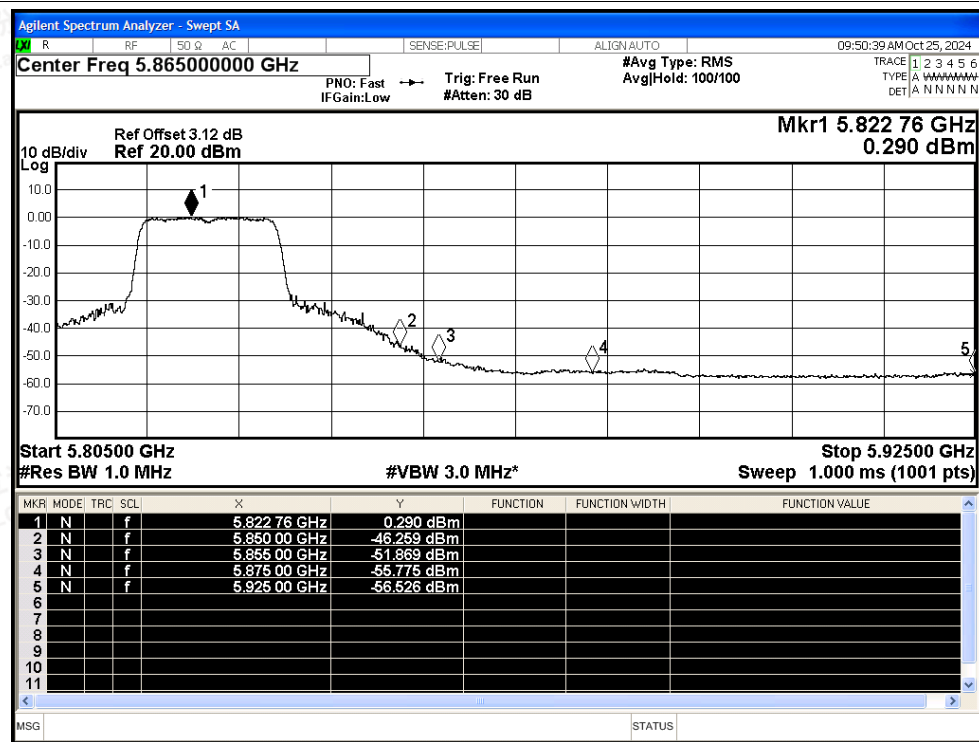
Scan code to check authenticity



Restrict Band NVNT ac20 5825MHz Ant3 Peak



Restrict Band NVNT ac20 5825MHz Ant3 Average



Shenzhen LCS Compliance Testing Laboratory Ltd.

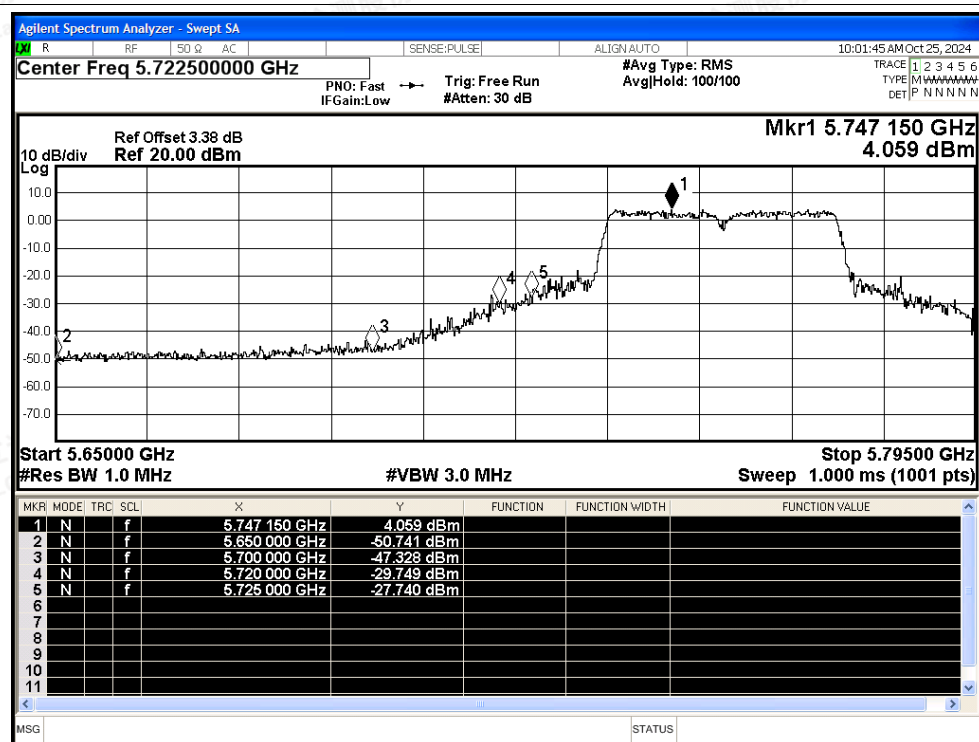
Add: 101, 201 Bldg A & 301 Bldg C, Juji Industrial Park Yabianxueziwei, Shajing Street, Baoan District, Shenzhen, 518000, China

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

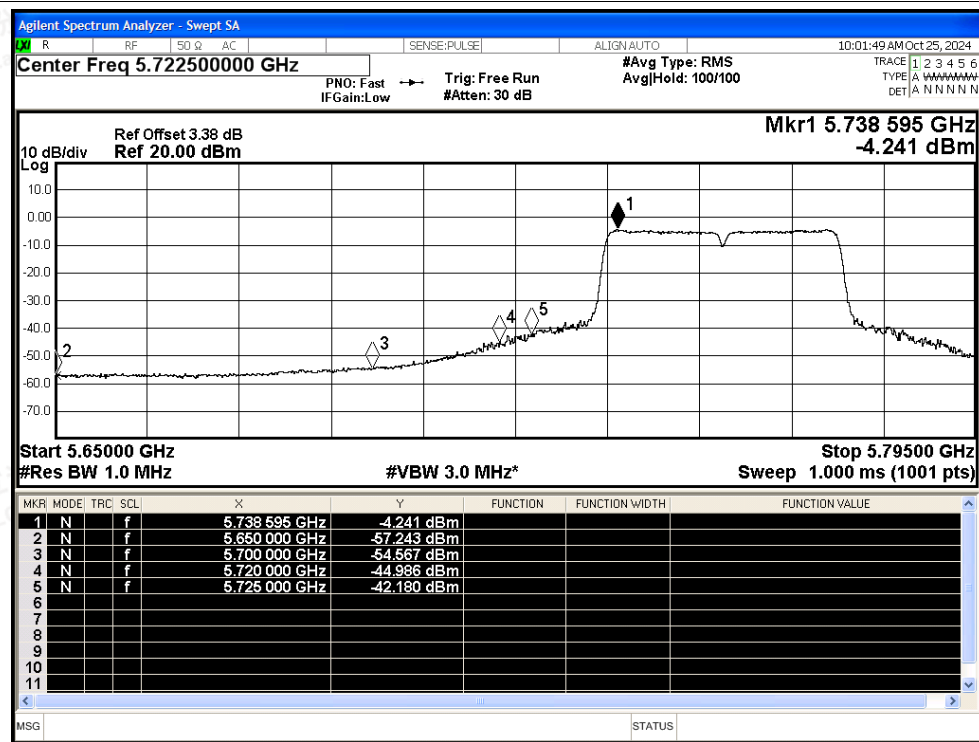
Scan code to check authenticity



Restrict Band NVNT ac40 5755MHz Ant3 Peak



Restrict Band NVNT ac40 5755MHz Ant3 Average



Shenzhen LCS Compliance Testing Laboratory Ltd.

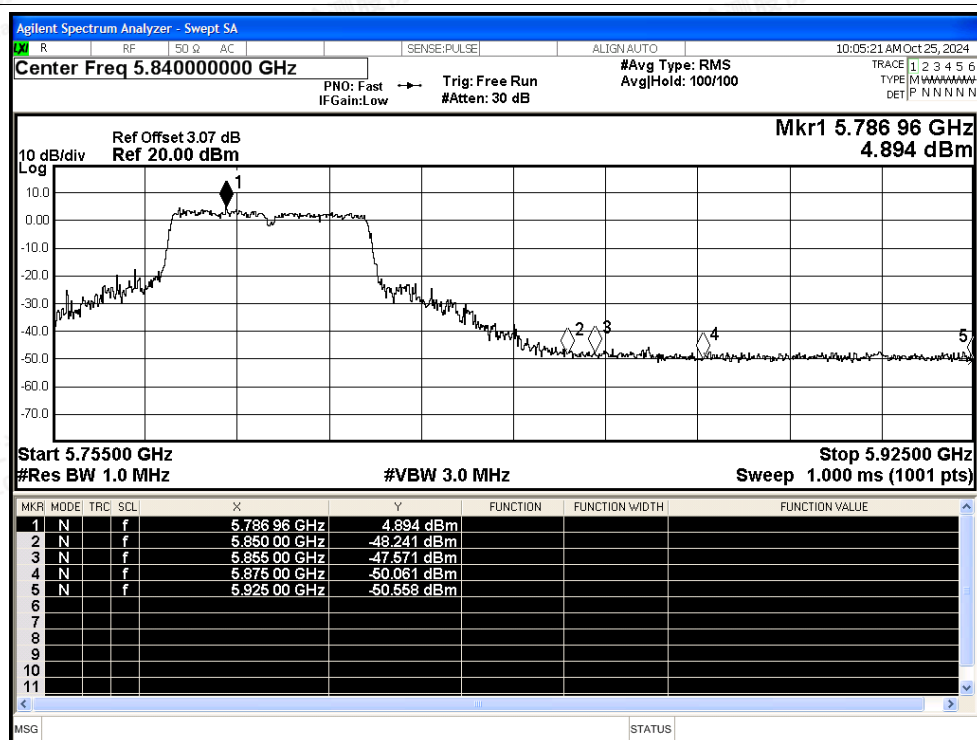
Add: 101, 201 Bldg A & 301 Bldg C, Juji Industrial Park Yabianxueziwei, Shajing Street, Baoan District, Shenzhen, 518000, China

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

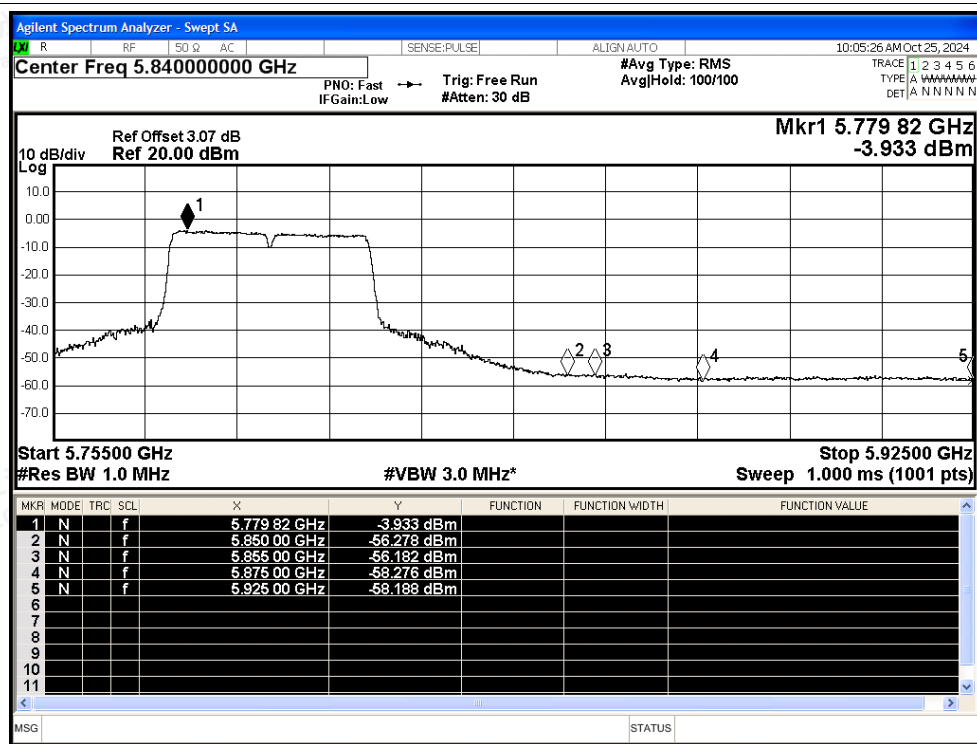
Scan code to check authenticity



Restrict Band NVNT ac40 5795MHz Ant3 Peak



Restrict Band NVNT ac40 5795MHz Ant3 Average



Shenzhen LCS Compliance Testing Laboratory Ltd.

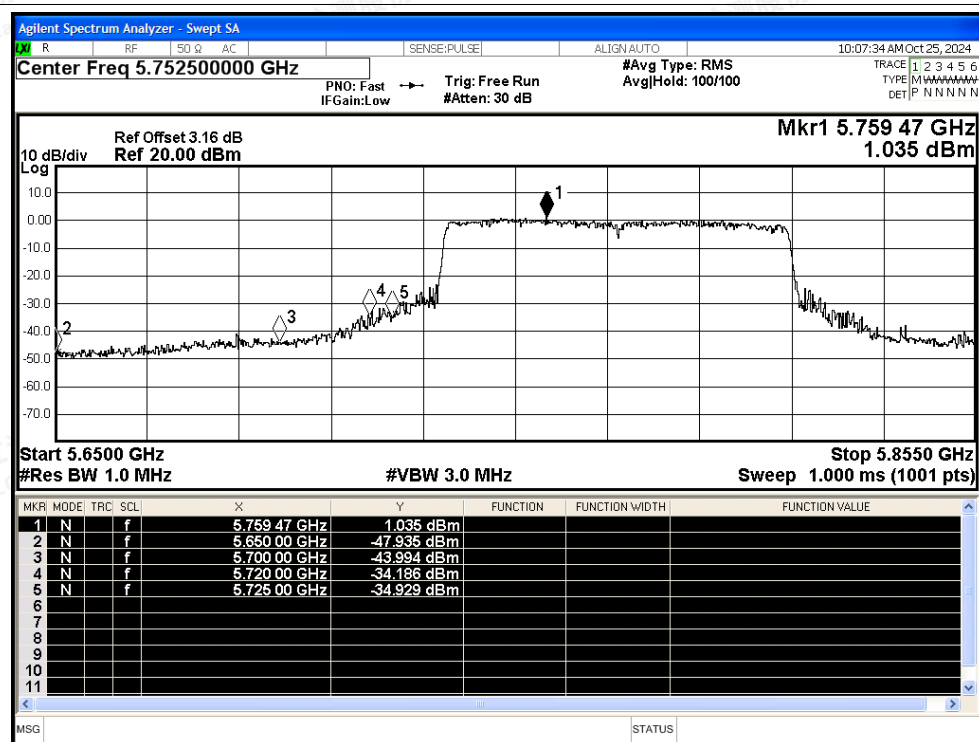
Add: 101, 201 Bldg A & 301 Bldg C, Juji Industrial Park Yabianxueziwei, Shajing Street, Baoan District, Shenzhen, 518000, China

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

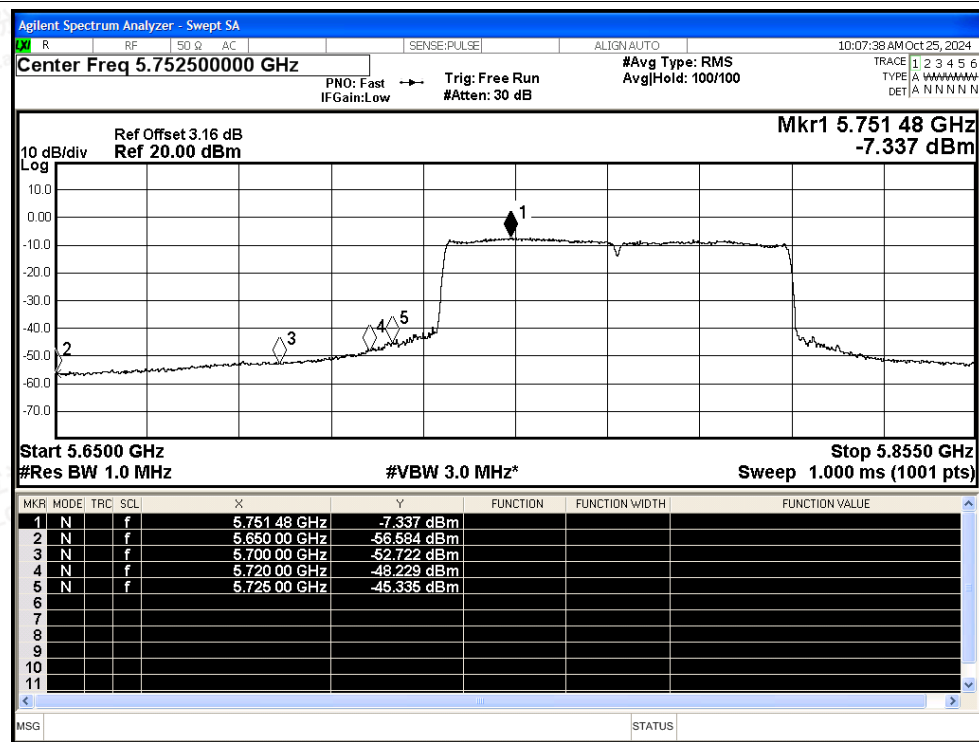
Scan code to check authenticity



Restrict Band NVNT ac80 5775MHz Ant3 Peak



Restrict Band NVNT ac80 5775MHz Ant3 Average



Shenzhen LCS Compliance Testing Laboratory Ltd.

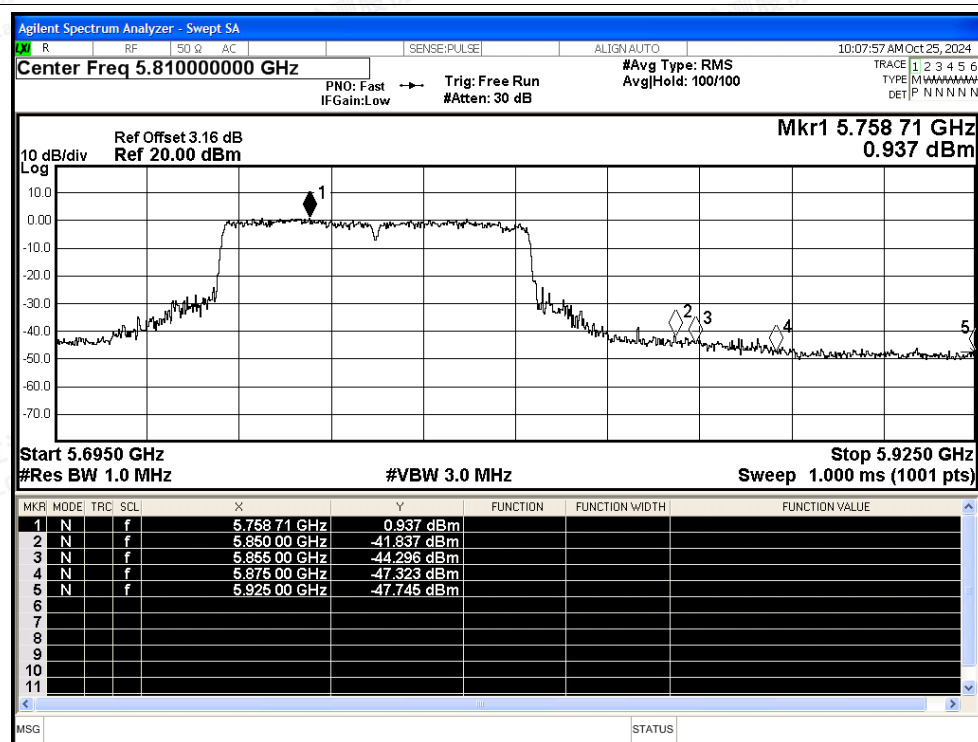
Add: 101, 201 Bldg A & 301 Bldg C, Juji Industrial Park Yabianxueziwei, Shajing Street, Baoan District, Shenzhen, 518000, China

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

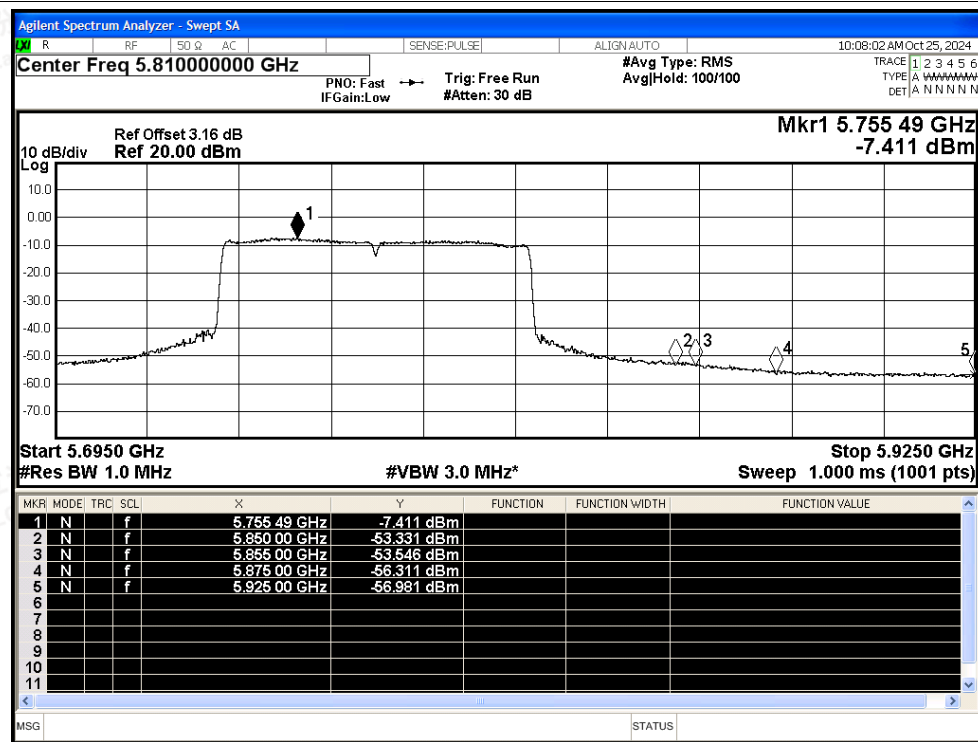
Scan code to check authenticity



Restrict Band NVNT ac80 5775MHz Ant3 Peak



Restrict Band NVNT ac80 5775MHz Ant3 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	5745	Ant3	5744.98	-20000	-3.48	25	Pass
NVNT	a	5785	Ant3	5785	0	0	25	Pass
NVNT	a	5825	Ant3	5824.98	-20000	-3.43	25	Pass
NVNT	n20	5745	Ant3	5745	0	0	25	Pass
NVNT	n20	5785	Ant3	5784.98	-20000	-3.46	25	Pass
NVNT	n20	5825	Ant3	5824.98	-20000	-3.43	25	Pass
NVNT	n40	5755	Ant3	5754.96	-40000	-6.95	25	Pass
NVNT	n40	5795	Ant3	5795	0	0	25	Pass
NVNT	ac20	5745	Ant3	5744.98	-20000	-3.48	25	Pass
NVNT	ac20	5785	Ant3	5785	0	0	25	Pass
NVNT	ac20	5825	Ant3	5824.98	-20000	-3.43	25	Pass
NVNT	ac40	5755	Ant3	5755	0	0	25	Pass
NVNT	ac40	5795	Ant3	5794.96	-40000	-6.9	25	Pass
NVNT	ac80	5775	Ant3	5775	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

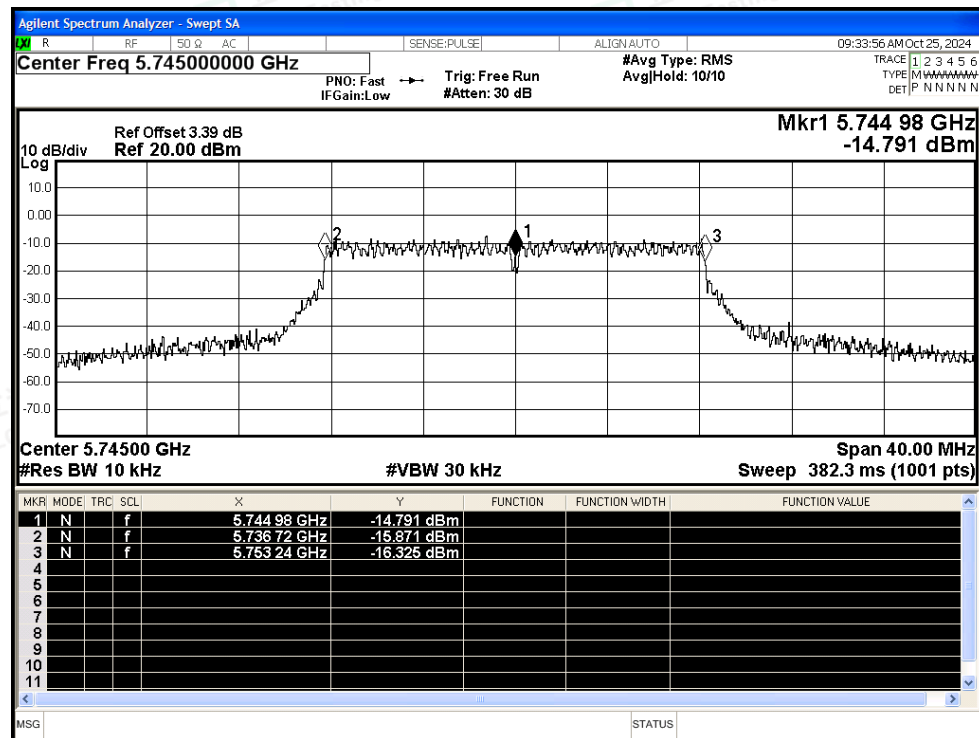
Tel: +(86) 0755-82591330 | E-mail: webmaster@lcs-cert.com | Web: www.lcs-cert.com

Scan code to check authenticity

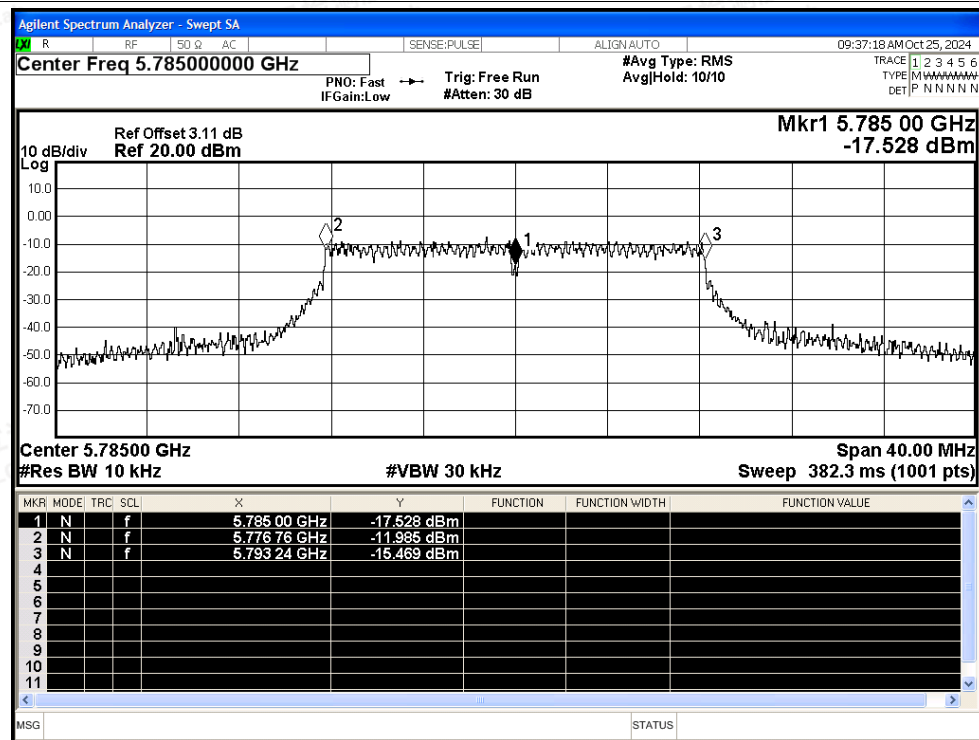


Test Graphs

Freq. Stability NVNT a 5745MHz Ant3



Freq. Stability NVNT a 5785MHz Ant3



Shenzhen LCS Compliance Testing Laboratory Ltd.

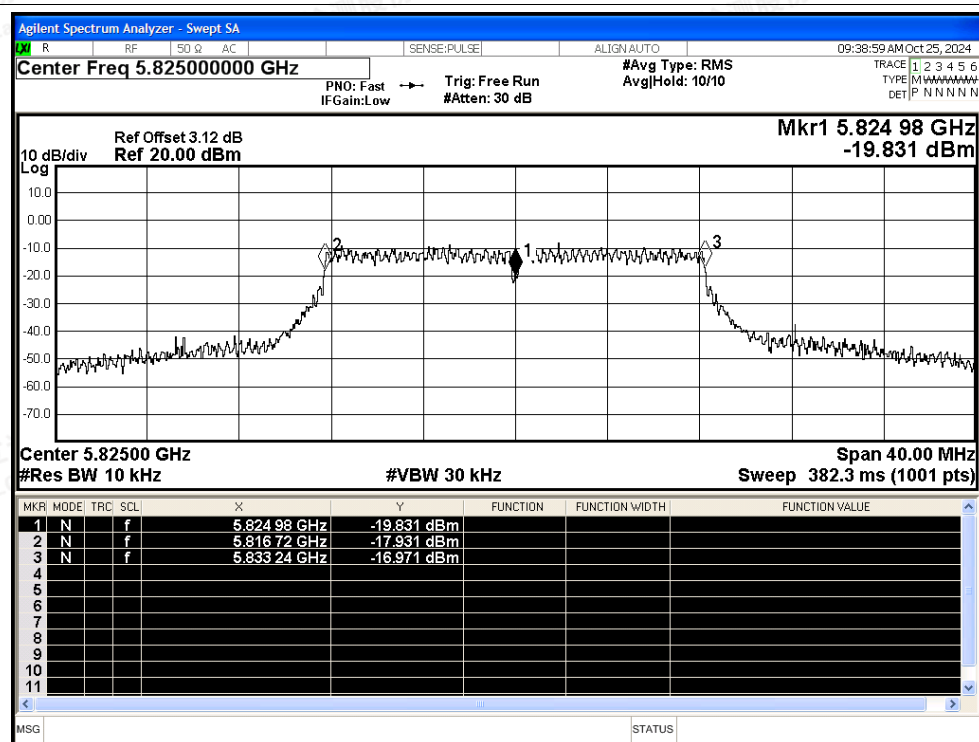
Add: 101, 201 Bldg A & 301 Bldg C, Juji Industrial Park Yabianxueziwei, Shajing Street, Baoan District, Shenzhen, 518000, China

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

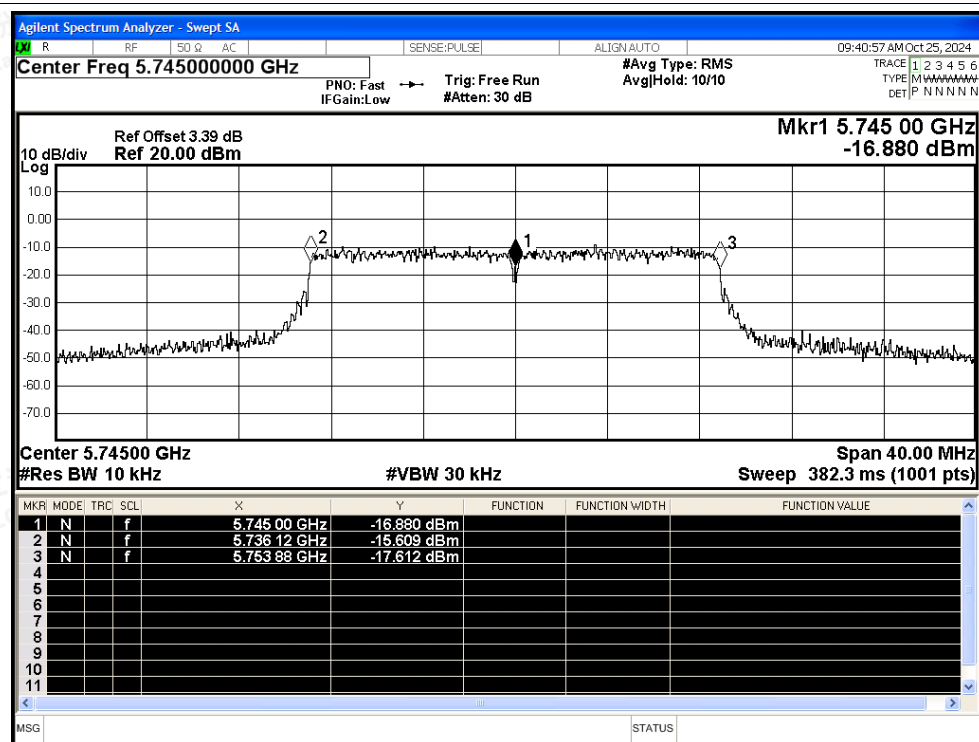
Scan code to check authenticity



Freq. Stability NVNT a 5825MHz Ant3



Freq. Stability NVNT n20 5745MHz Ant3



Shenzhen LCS Compliance Testing Laboratory Ltd.

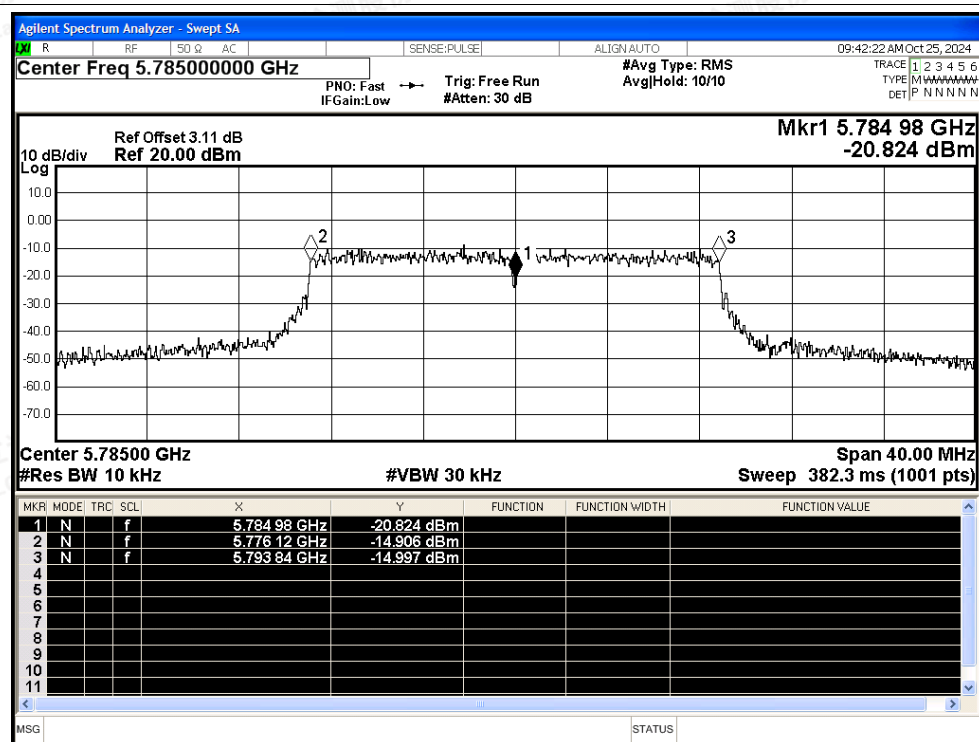
Add: 101, 201 Bldg A & 301 Bldg C, Juji Industrial Park Yabianxueziwei, Shajing Street, Baoan District, Shenzhen, 518000, China

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

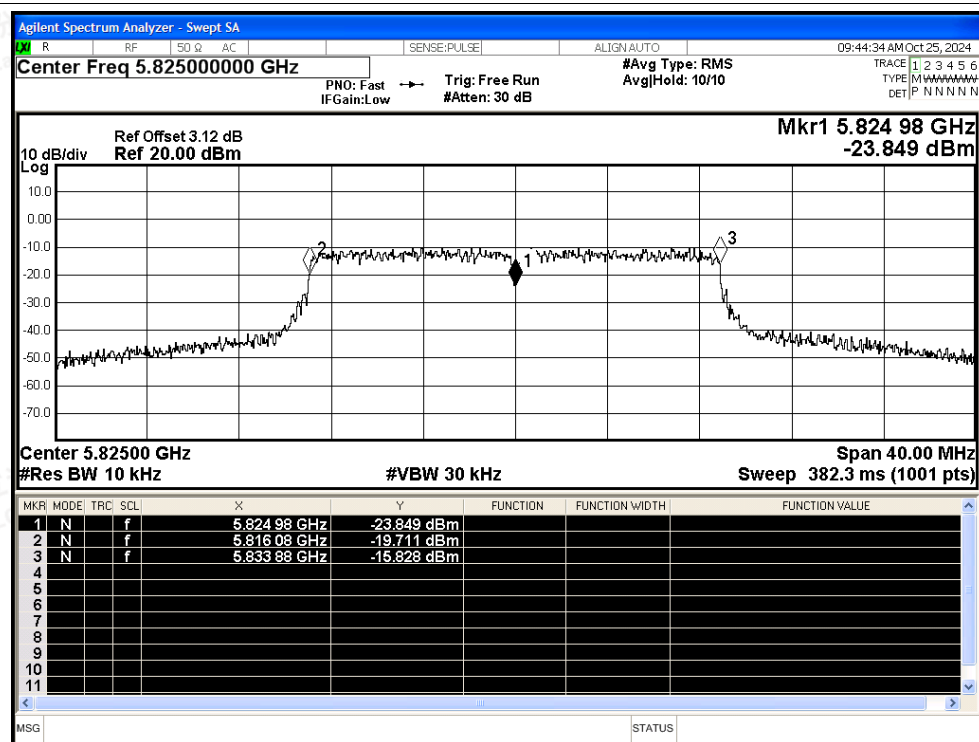
Scan code to check authenticity



Freq. Stability NVNT n20 5785MHz Ant3



Freq. Stability NVNT n20 5825MHz Ant3



Shenzhen LCS Compliance Testing Laboratory Ltd.

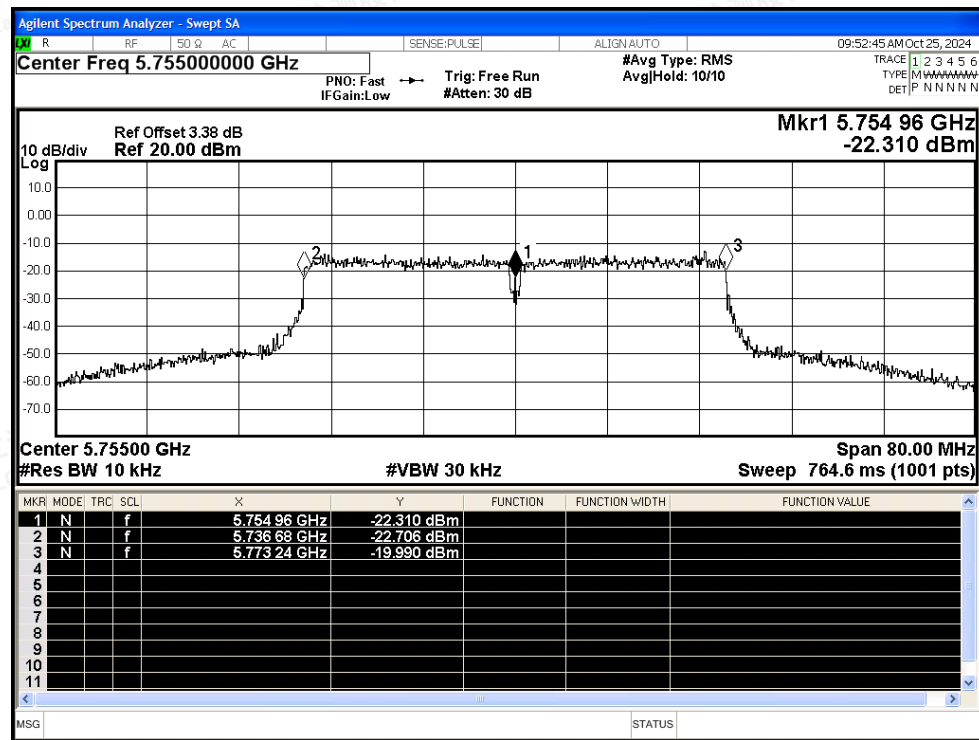
Add: 101, 201 Bldg A & 301 Bldg C, Juji Industrial Park Yabianxueziwei, Shajing Street, Baoan District, Shenzhen, 518000, China

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

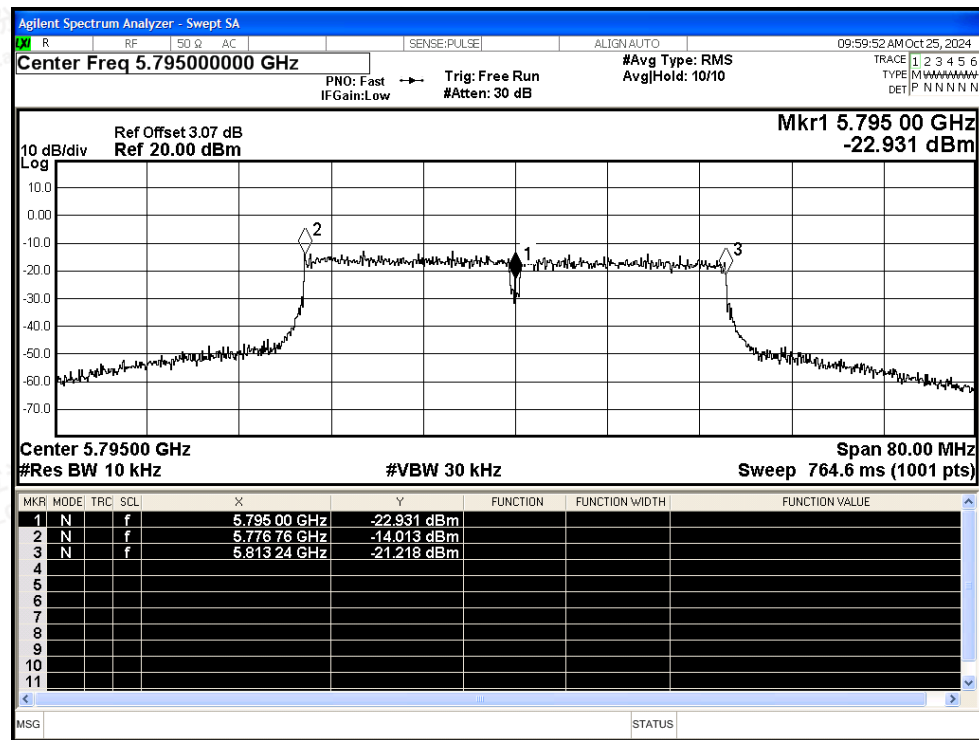
Scan code to check authenticity



Freq. Stability NVNT n40 5755MHz Ant3



Freq. Stability NVNT n40 5795MHz Ant3



Shenzhen LCS Compliance Testing Laboratory Ltd.

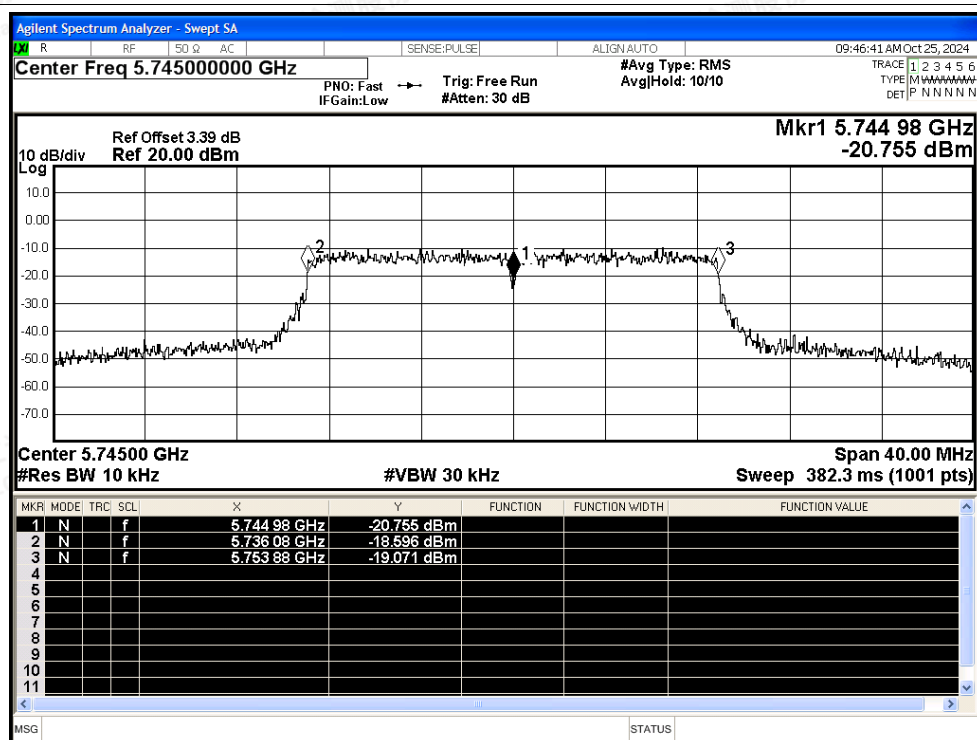
Add: 101, 201 Bldg A & 301 Bldg C, Juji Industrial Park Yabianxueziwei, Shajing Street, Baoan District, Shenzhen, 518000, China

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

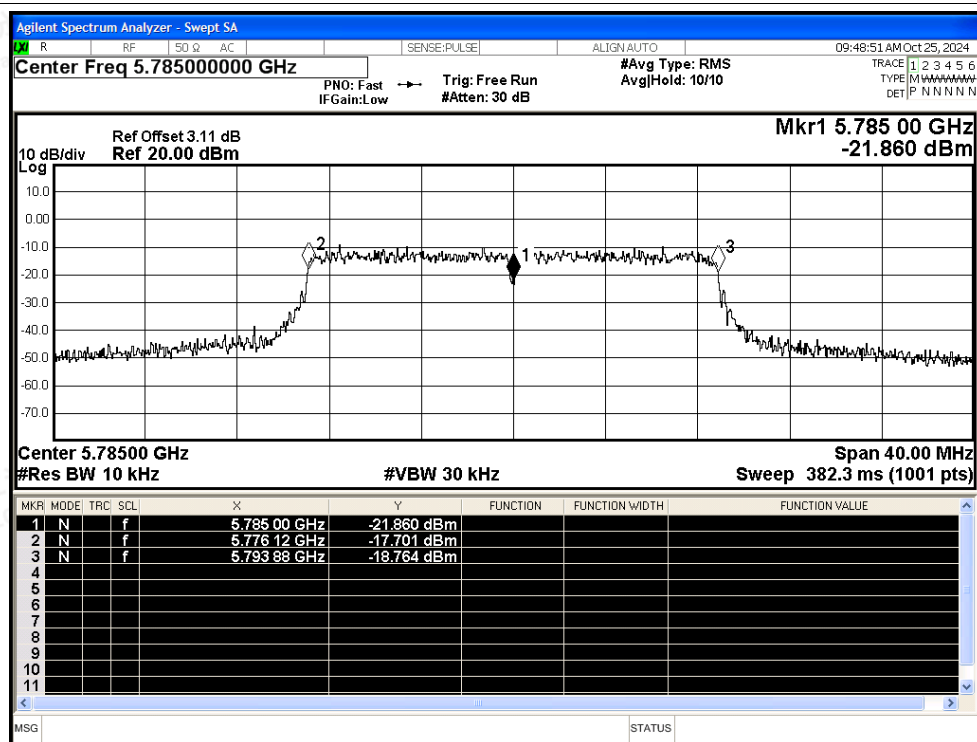
Scan code to check authenticity



Freq. Stability NVNT ac20 5745MHz Ant3



Freq. Stability NVNT ac20 5785MHz Ant3



Shenzhen LCS Compliance Testing Laboratory Ltd.

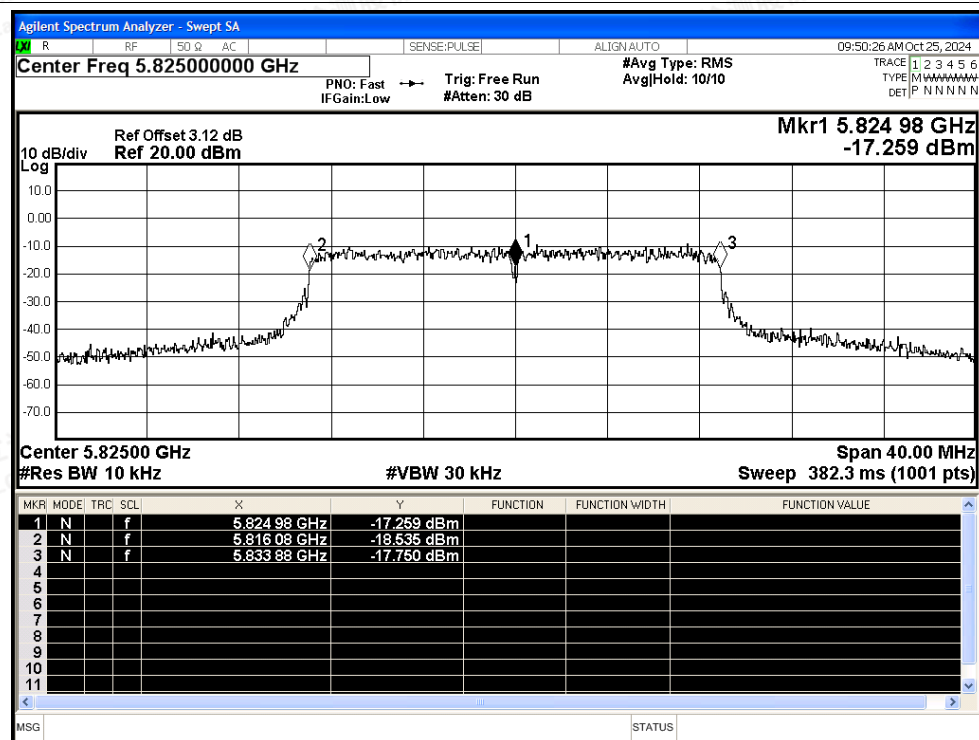
Add: 101, 201 Bldg A & 301 Bldg C, Juji Industrial Park Yabianxueziwei, Shajing Street, Baoan District, Shenzhen, 518000, China

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

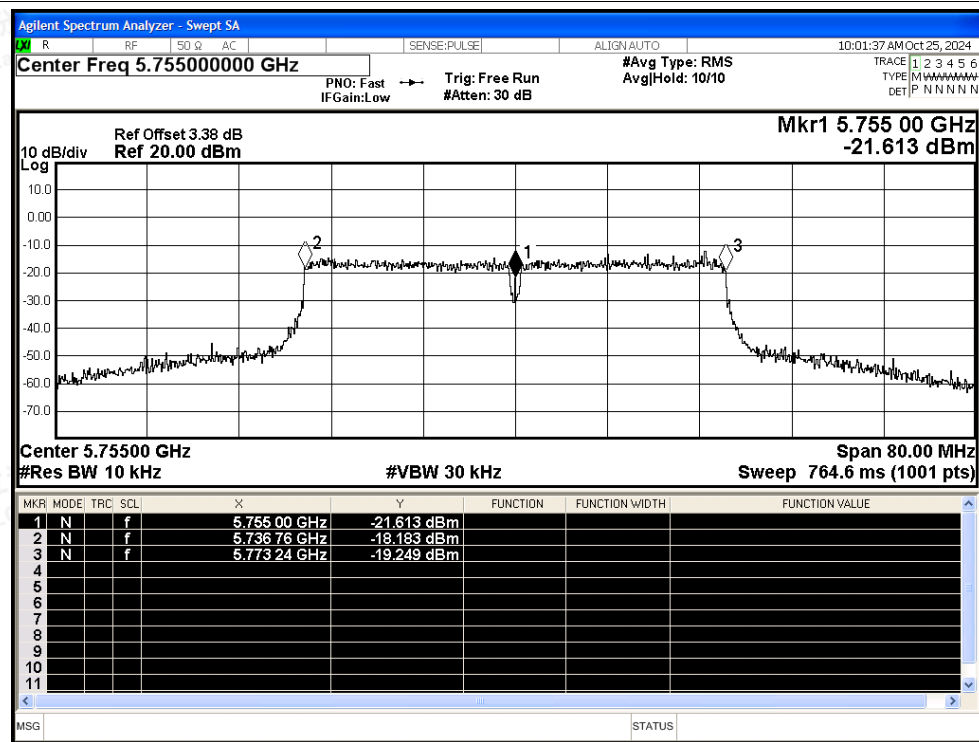
Scan code to check authenticity



Freq. Stability NVNT ac20 5825MHz Ant3



Freq. Stability NVNT ac40 5755MHz Ant3



Shenzhen LCS Compliance Testing Laboratory Ltd.

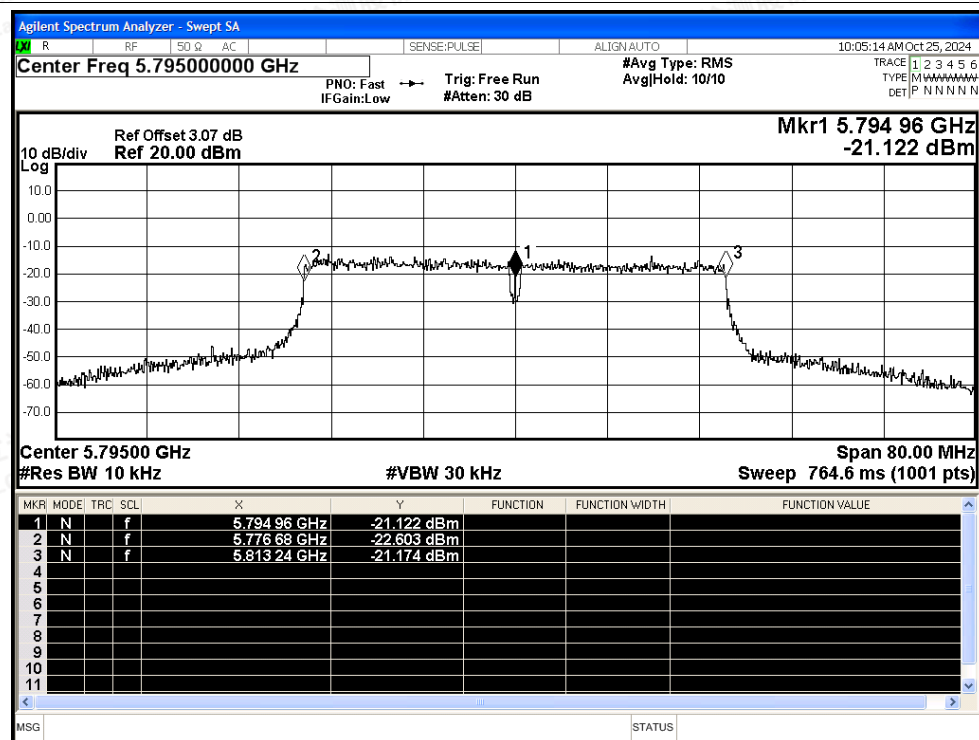
Add: 101, 201 Bldg A & 301 Bldg C, Juji Industrial Park Yabianxueziwei, Shajing Street, Baoan District, Shenzhen, 518000, China

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

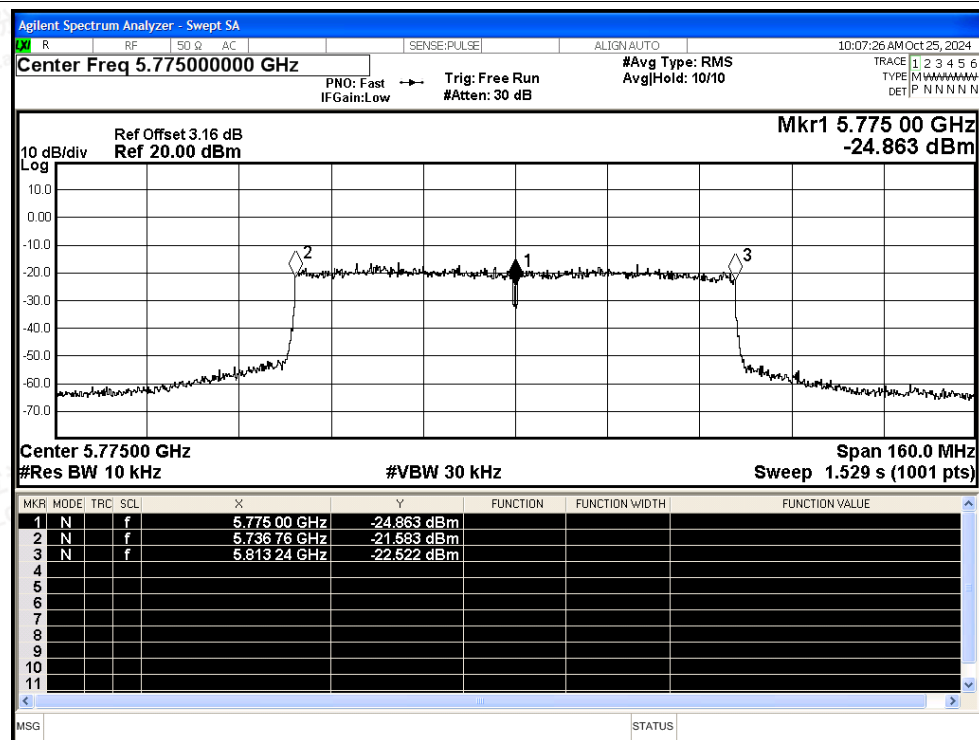
Scan code to check authenticity



Freq. Stability NVNT ac40 5795MHz Ant3



Freq. Stability NVNT ac80 5775MHz Ant3



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	5745	Ant3	94.65	0.24	0.91
NVNT	a	5785	Ant3	94.56	0.24	0.91
NVNT	a	5825	Ant3	94.56	0.24	0.91
NVNT	n20	5745	Ant3	97.29	0.12	0.44
NVNT	n20	5785	Ant3	97.29	0.12	0.44
NVNT	n20	5825	Ant3	97.29	0.12	0.44
NVNT	n40	5755	Ant3	97.23	0.12	0.46
NVNT	n40	5795	Ant3	97.23	0.12	0.46
NVNT	ac20	5745	Ant3	97.34	0.12	0.44
NVNT	ac20	5785	Ant3	97.34	0.12	0.44
NVNT	ac20	5825	Ant3	97.34	0.12	0.44
NVNT	ac40	5755	Ant3	97.19	0.12	0.46
NVNT	ac40	5795	Ant3	97.19	0.12	0.46
NVNT	ac80	5775	Ant3	94.41	0.25	0.97



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

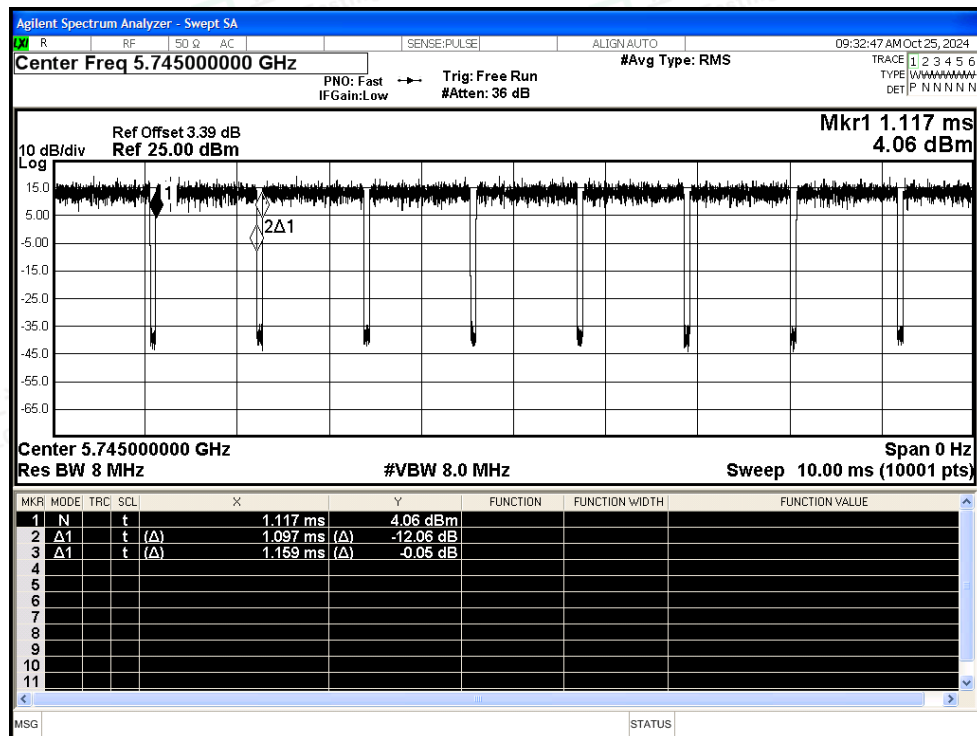
Tel: +(86) 0755-82591330 | E-mail: webmaster@lcs-cert.com | Web: www.lcs-cert.com

Scan code to check authenticity

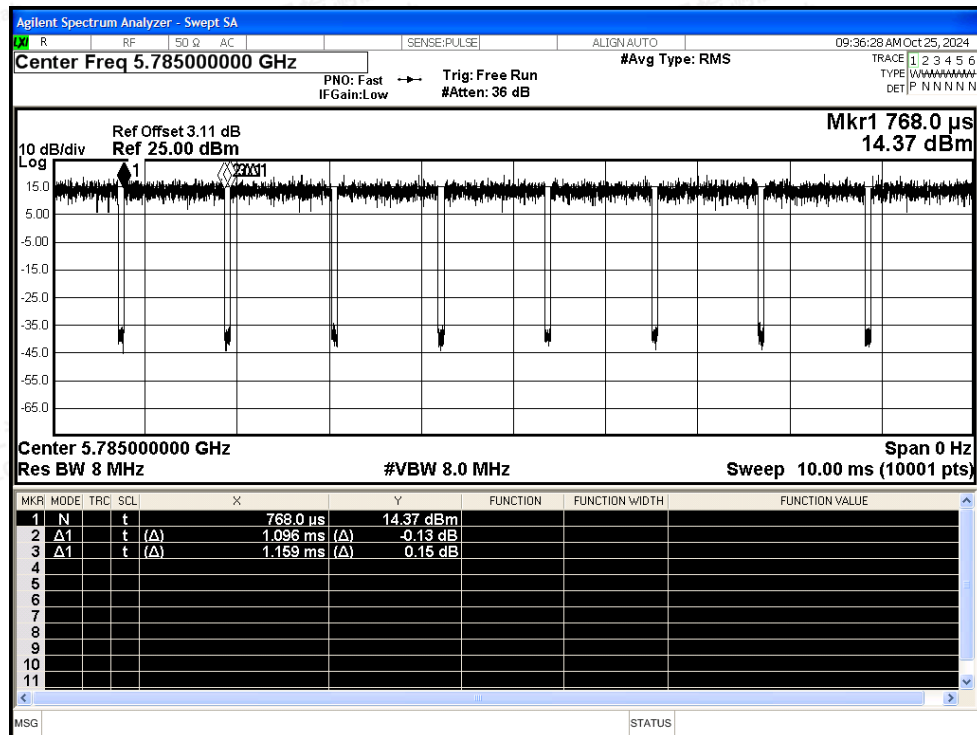


Test Graphs

Duty Cycle NVNT a 5745MHz Ant3



Duty Cycle NVNT a 5785MHz Ant3



Shenzhen LCS Compliance Testing Laboratory Ltd.

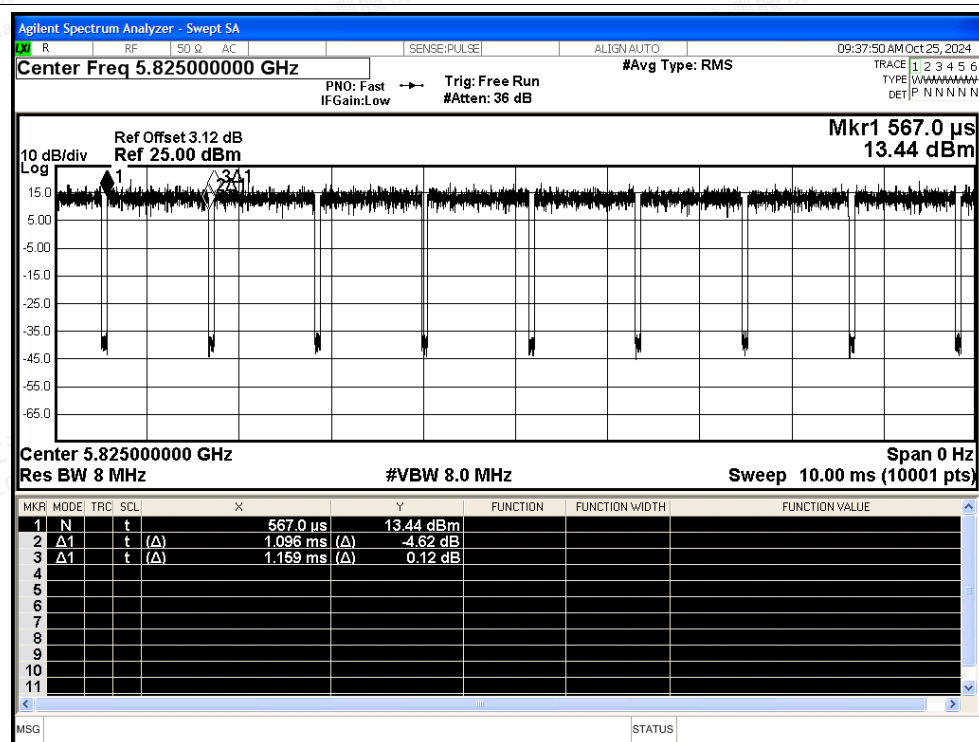
Add: 101, 201 Bldg A & 301 Bldg C, Juji Industrial Park Yabianxueziwei, Shajing Street, Baoan District, Shenzhen, 518000, China

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

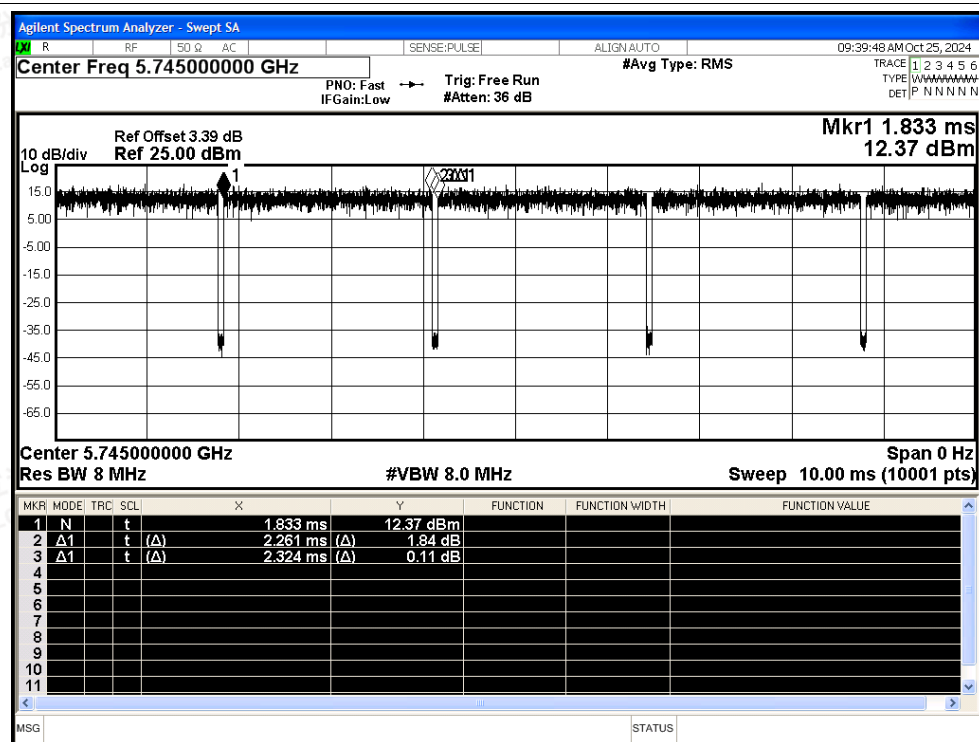
Scan code to check authenticity



Duty Cycle NVNT a 5825MHz Ant3



Duty Cycle NVNT n20 5745MHz Ant3



Shenzhen LCS Compliance Testing Laboratory Ltd.

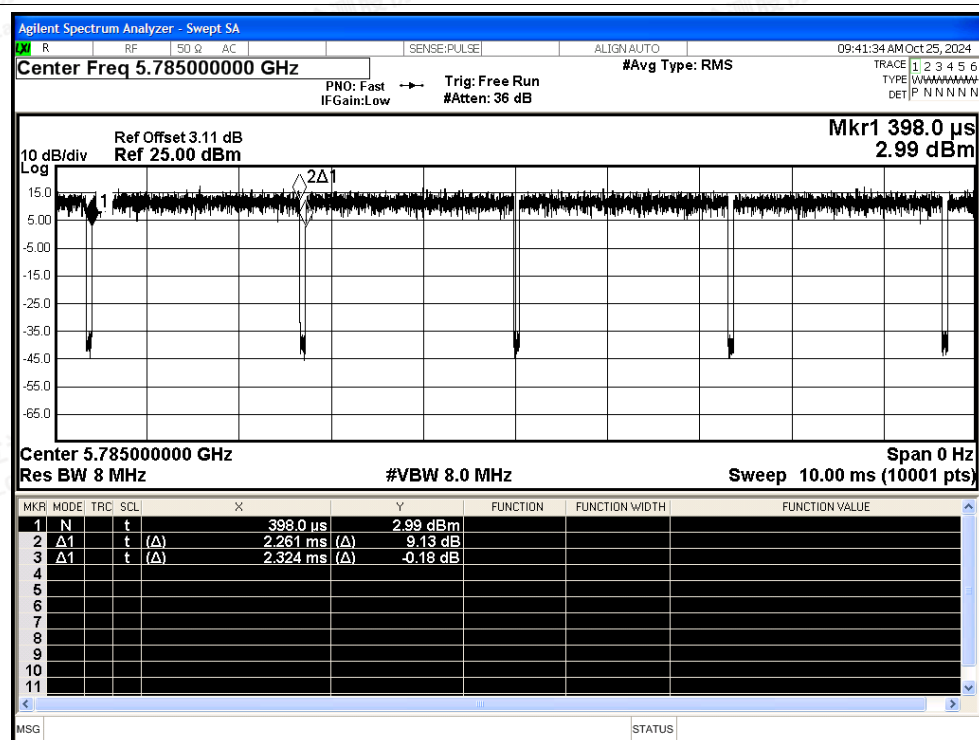
Add: 101, 201 Bldg A & 301 Bldg C, Juji Industrial Park Yabianxueziwei, Shajing Street, Baoan District, Shenzhen, 518000, China

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

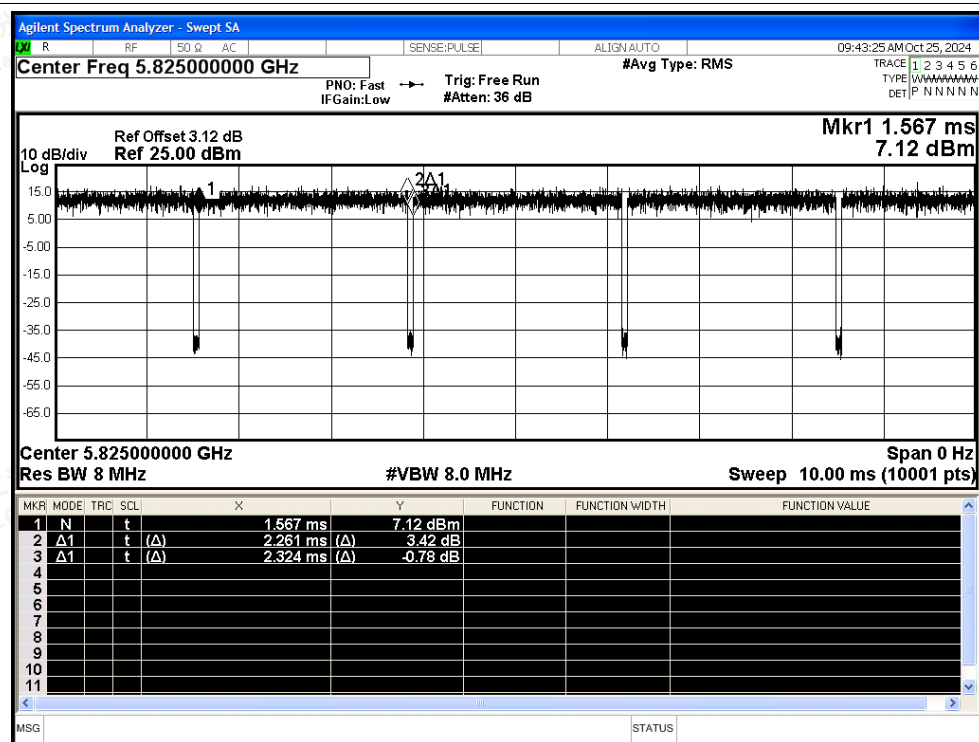
Scan code to check authenticity



Duty Cycle NVNT n20 5785MHz Ant3



Duty Cycle NVNT n20 5825MHz Ant3



Shenzhen LCS Compliance Testing Laboratory Ltd.

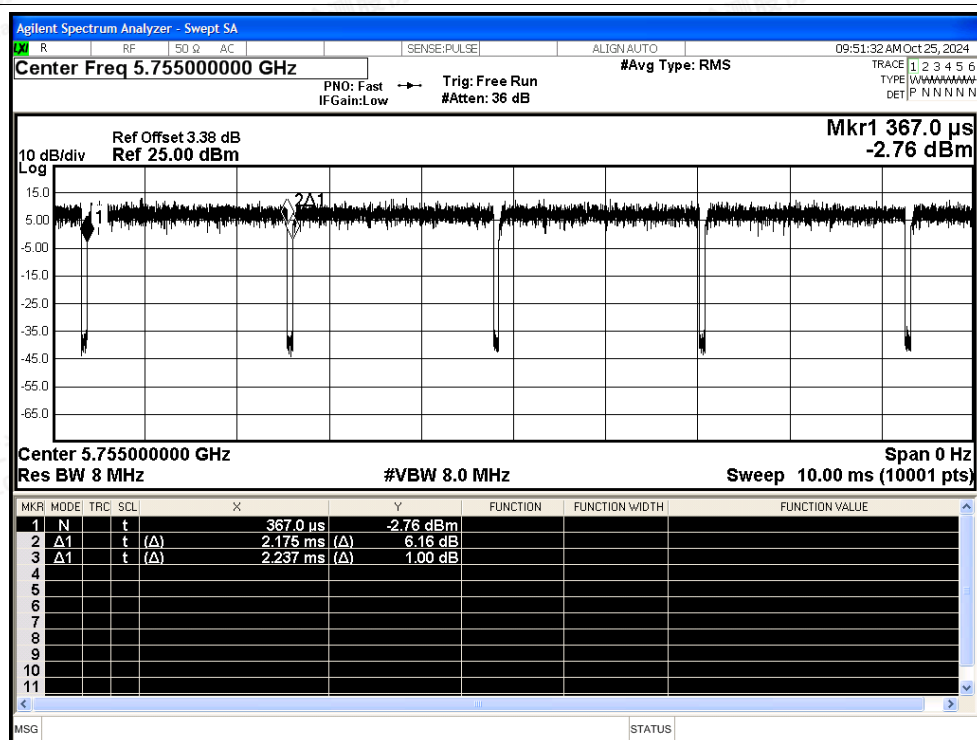
Add: 101, 201 Bldg A & 301 Bldg C, Juji Industrial Park Yabianxueziwei, Shajing Street, Baoan District, Shenzhen, 518000, China

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

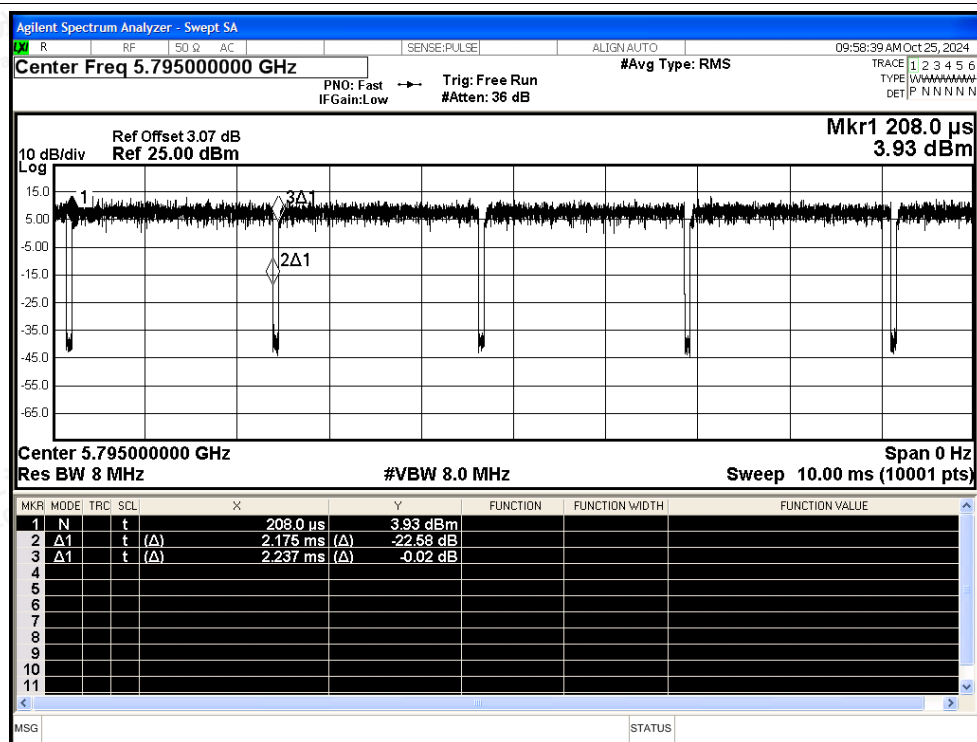
Scan code to check authenticity



Duty Cycle NVNT n40 5755MHz Ant3



Duty Cycle NVNT n40 5795MHz Ant3



Shenzhen LCS Compliance Testing Laboratory Ltd.

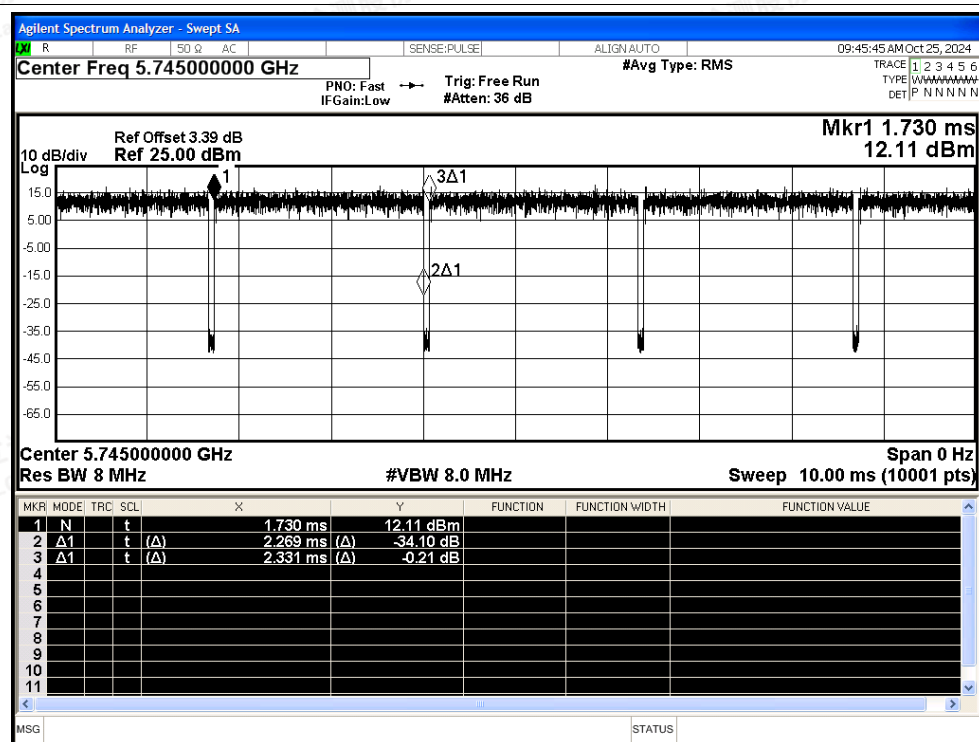
Add: 101, 201 Bldg A & 301 Bldg C, Juji Industrial Park Yabianxueziwei, Shajing Street, Baoan District, Shenzhen, 518000, China

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

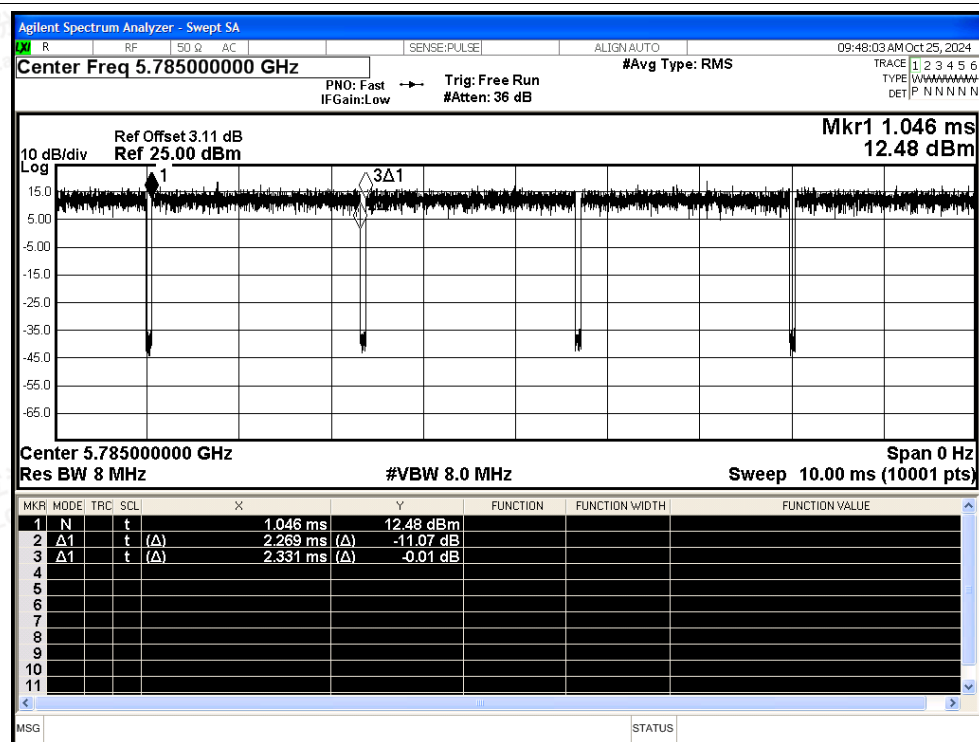
Scan code to check authenticity



Duty Cycle NVNT ac20 5745MHz Ant3



Duty Cycle NVNT ac20 5785MHz Ant3



Shenzhen LCS Compliance Testing Laboratory Ltd.

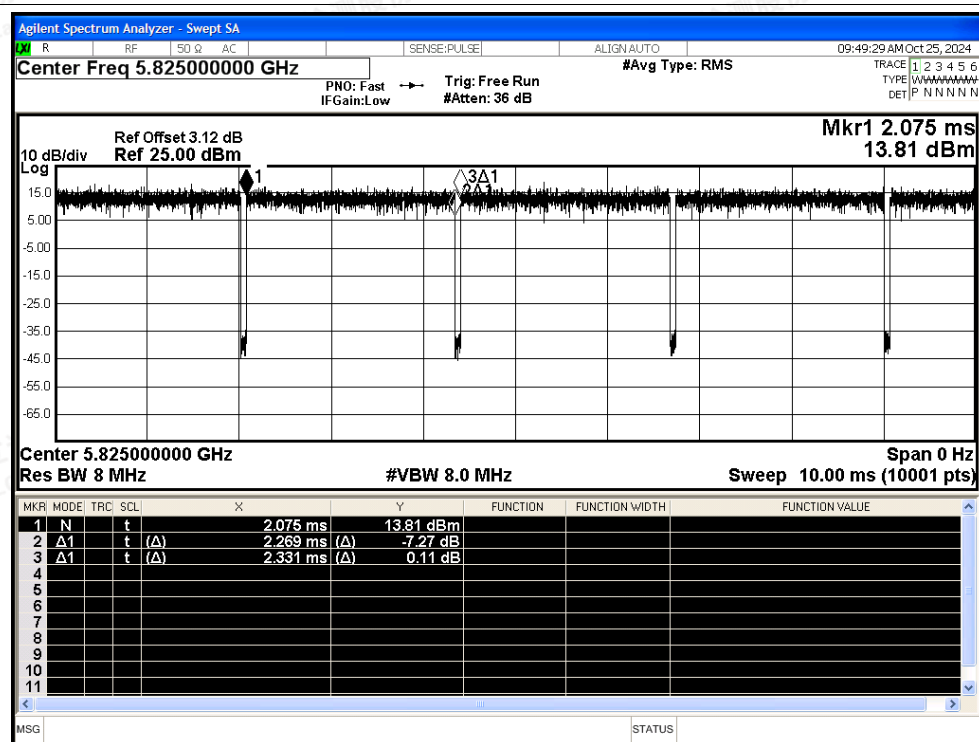
Add: 101, 201 Bldg A & 301 Bldg C, Juji Industrial Park Yabianxueziwei, Shajing Street, Baoan District, Shenzhen, 518000, China

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

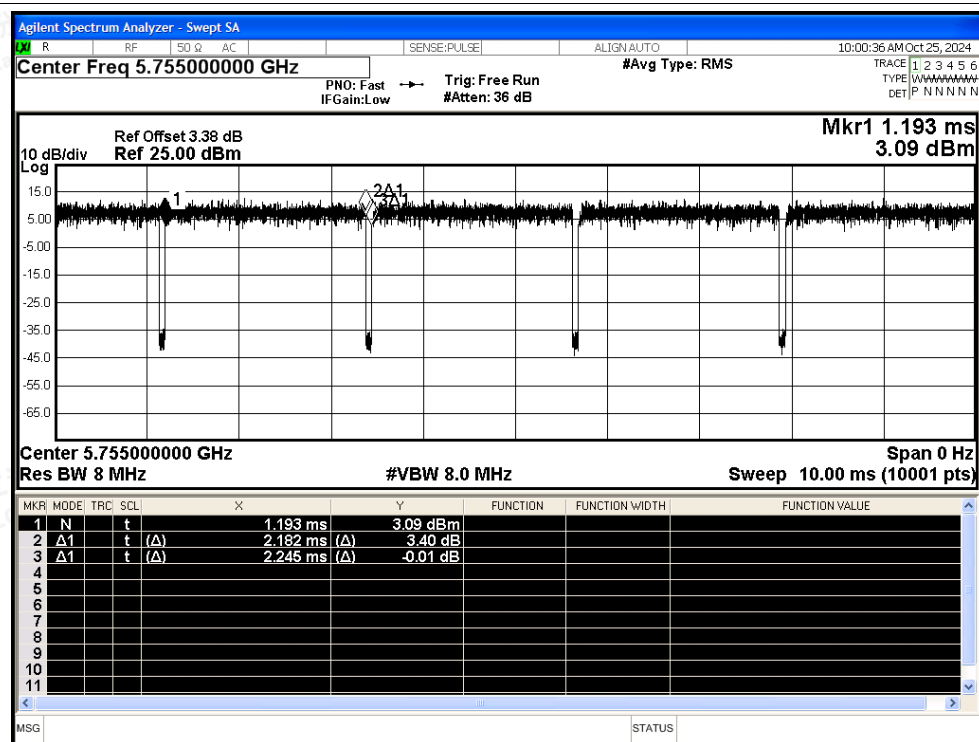
Scan code to check authenticity



Duty Cycle NVNT ac20 5825MHz Ant3



Duty Cycle NVNT ac40 5755MHz Ant3



Shenzhen LCS Compliance Testing Laboratory Ltd.

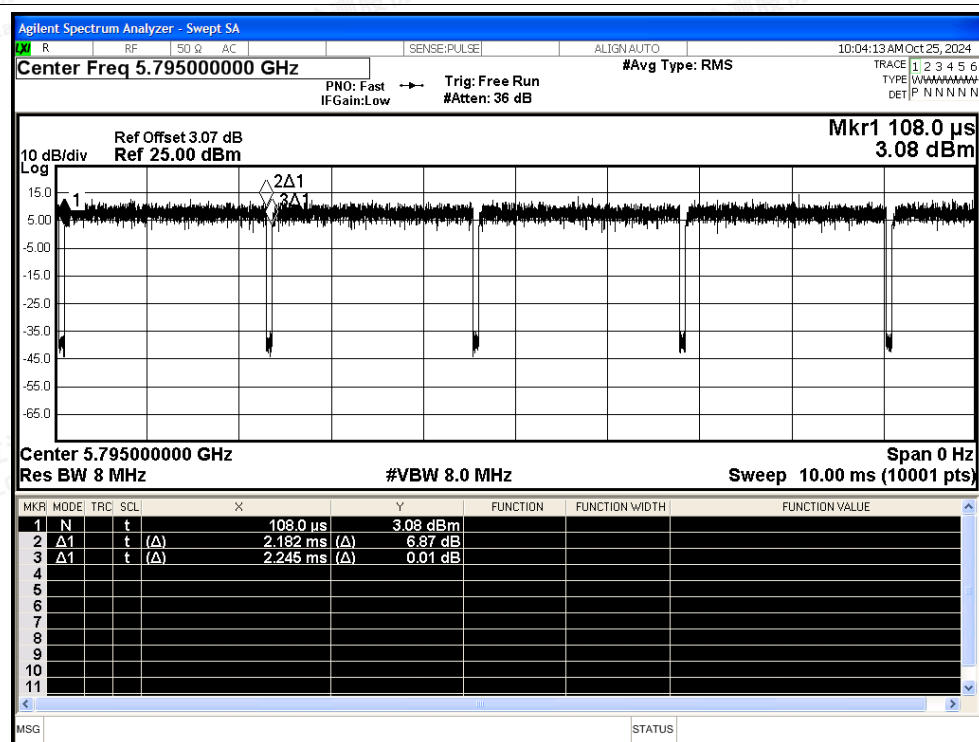
Add: 101, 201 Bldg A & 301 Bldg C, Juji Industrial Park Yabianxueziwei, Shajing Street, Baoan District, Shenzhen, 518000, China

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

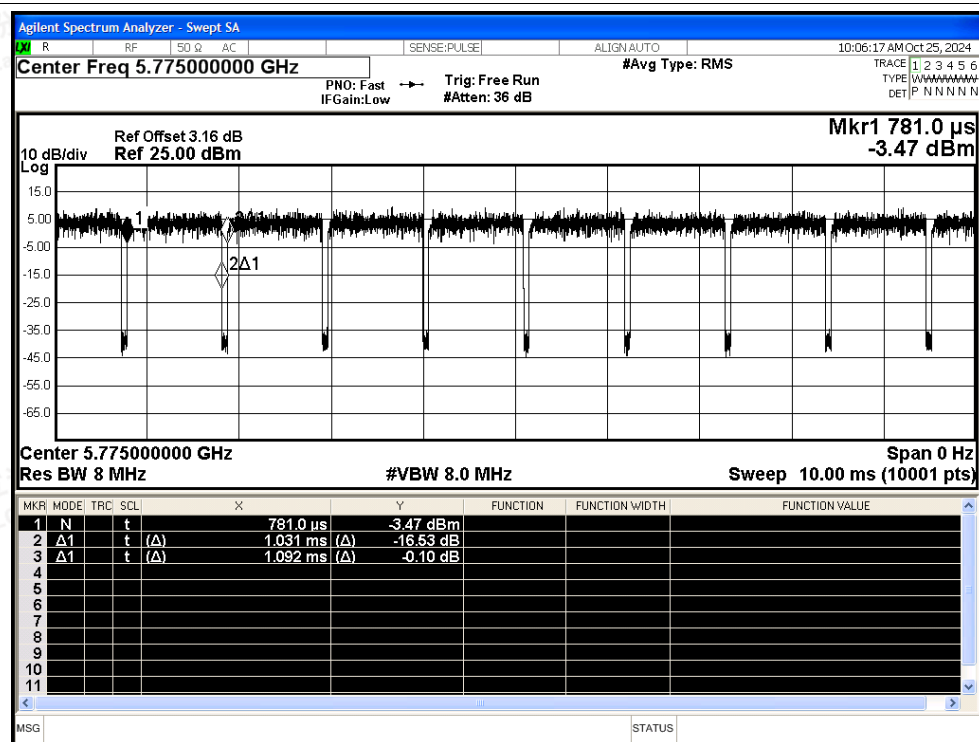
Scan code to check authenticity



Duty Cycle NVNT ac40 5795MHz Ant3



Duty Cycle NVNT ac80 5775MHz Ant3



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