



Appendix E

RF Test Data for 5.3GWIFI (Conducted Measurement)

Product Name: AI SMART PHONE

Test Model: NM-D1001U

Environmental Conditions

Temperature:	23.6°C
Relative Humidity:	54.8%
ATM Pressure:	100.0 kPa
Test Engineer:	Jerry Chu
Supervised by:	Paddi Chen





E.1 -26dB Bandwidth

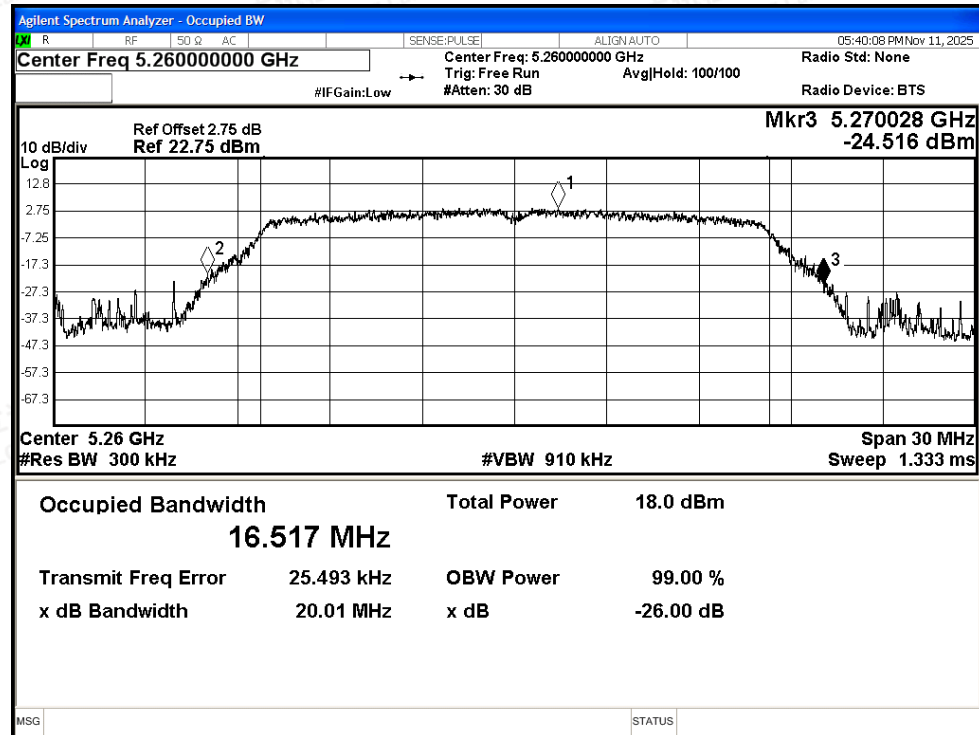
Condition	Mode	Frequency (MHz)	Antenna	-26 dB Bandwidth (MHz)	Limit -26 dB Bandwidth (MHz)	Verdict
NVNT	a	5260	Ant1	20.005	---	Pass
NVNT	a	5300	Ant1	19.779	---	Pass
NVNT	a	5320	Ant1	19.9	---	Pass
NVNT	n20	5260	Ant1	20.199	---	Pass
NVNT	n20	5300	Ant1	20.765	---	Pass
NVNT	n20	5320	Ant1	20.304	---	Pass
NVNT	n40	5270	Ant1	40.792	---	Pass
NVNT	n40	5310	Ant1	40.622	---	Pass
NVNT	ac20	5260	Ant1	20.271	---	Pass
NVNT	ac20	5300	Ant1	20.717	---	Pass
NVNT	ac20	5320	Ant1	20.335	---	Pass
NVNT	ac40	5270	Ant1	40.806	---	Pass
NVNT	ac40	5310	Ant1	40.87	---	Pass
NVNT	ac80	5290	Ant1	81.239	---	Pass



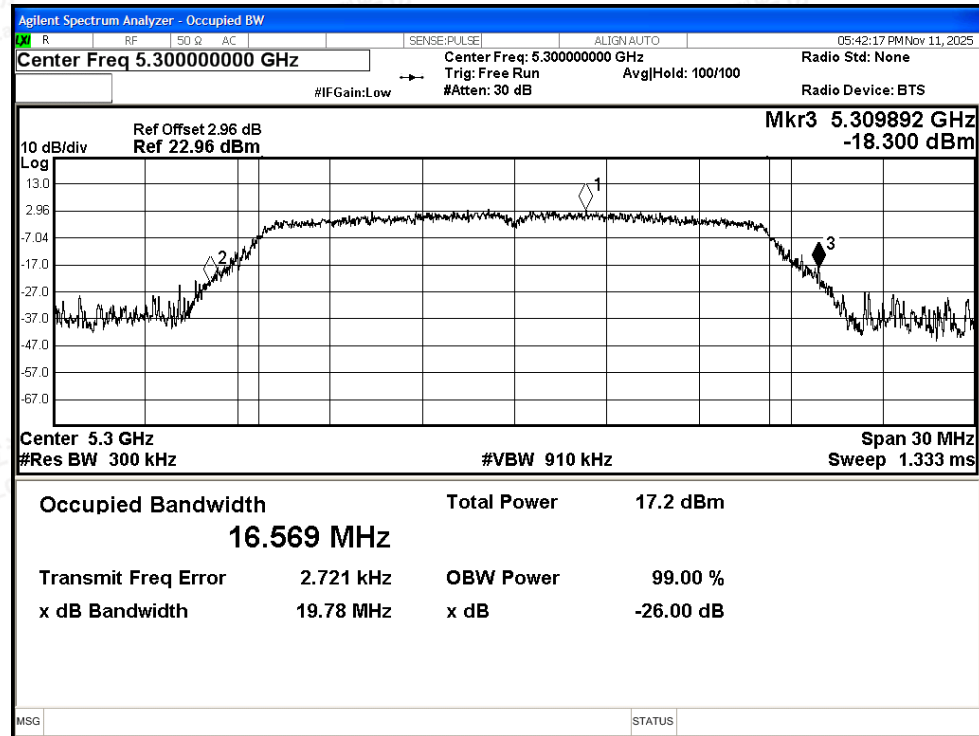


Test Graphs

-26dB Bandwidth NVNT a 5260MHz Ant1



-26dB Bandwidth NVNT a 5300MHz Ant1



Shenzhen LCS Compliance Testing Laboratory Ltd.

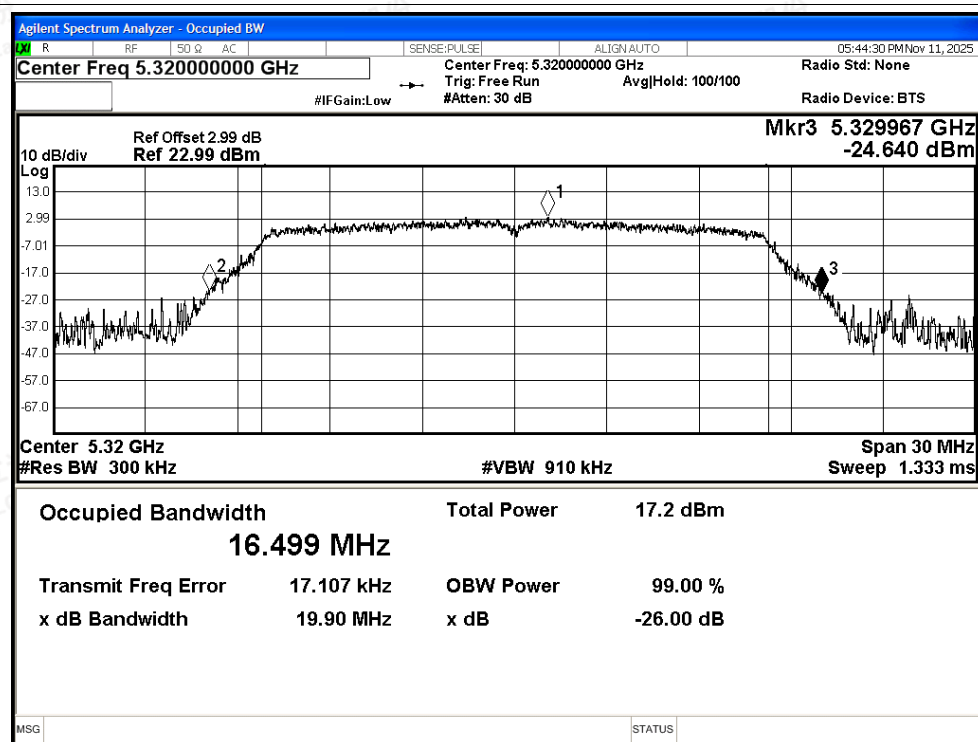
Add: 101, 201 Bldg A & 301 Bldg C, Juji Industrial Park Yabianxueziwei, Shajing Street, Baoan District, Shenzhen, 518000, China

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

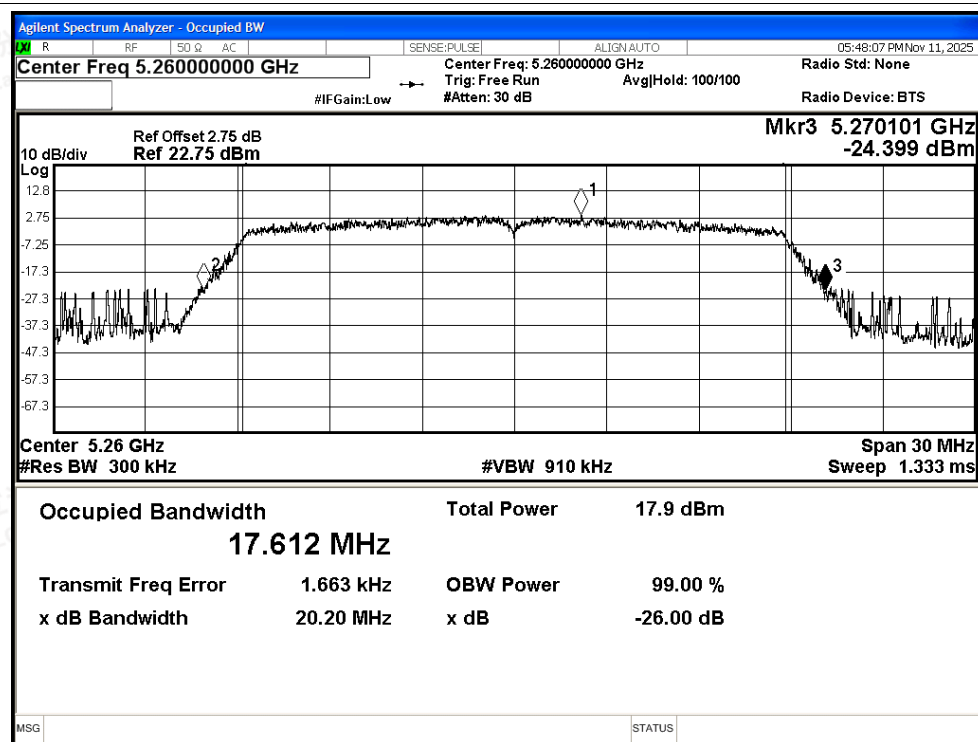
Scan code to check authenticity



-26dB Bandwidth NVNT a 5320MHz Ant1



-26dB Bandwidth NVNT n20 5260MHz Ant1



Shenzhen LCS Compliance Testing Laboratory Ltd.

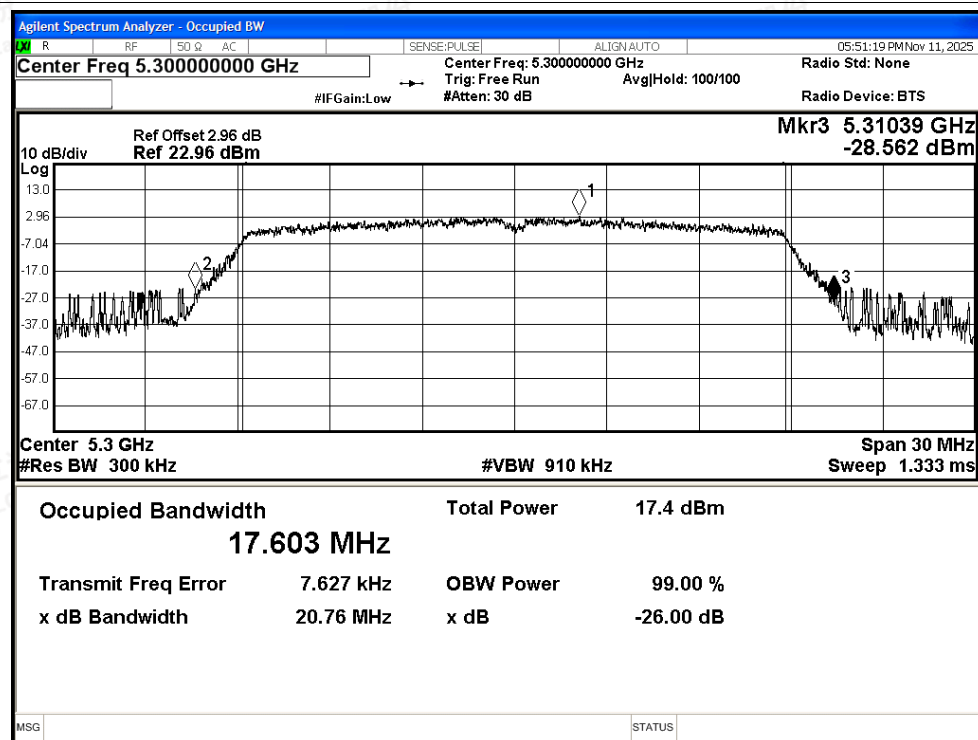
Add: 101, 201 Bldg A & 301 Bldg C, Juji Industrial Park Yabianxueziwei, Shajing Street, Baoan District, Shenzhen, 518000, China

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

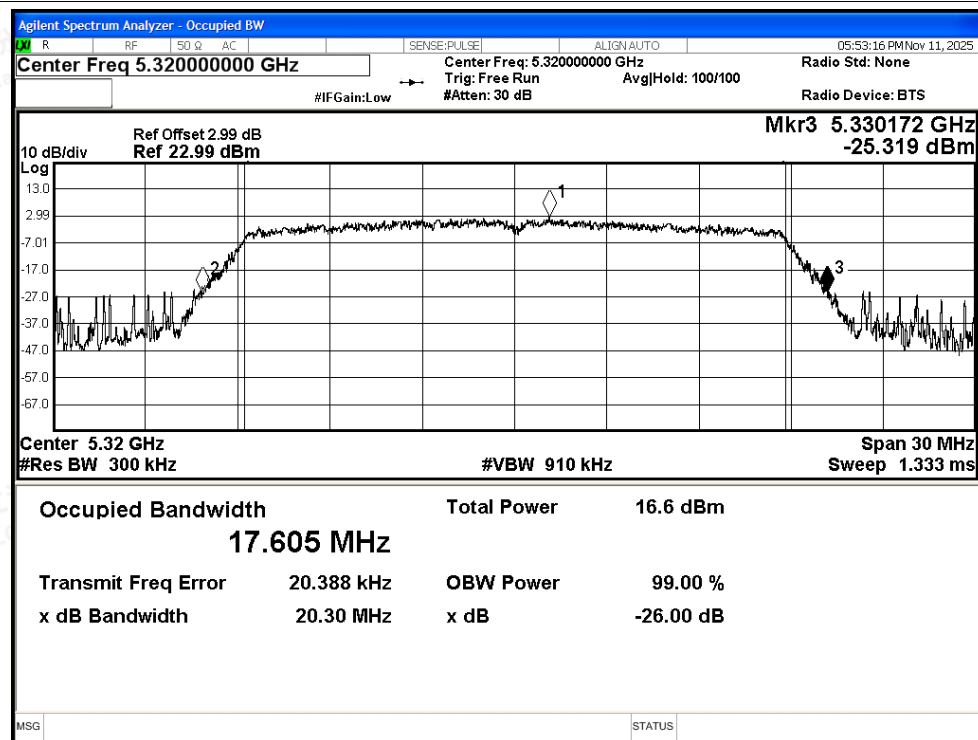
Scan code to check authenticity



-26dB Bandwidth NVNT n20 5300MHz Ant1



-26dB Bandwidth NVNT n20 5320MHz Ant1



Shenzhen LCS Compliance Testing Laboratory Ltd.

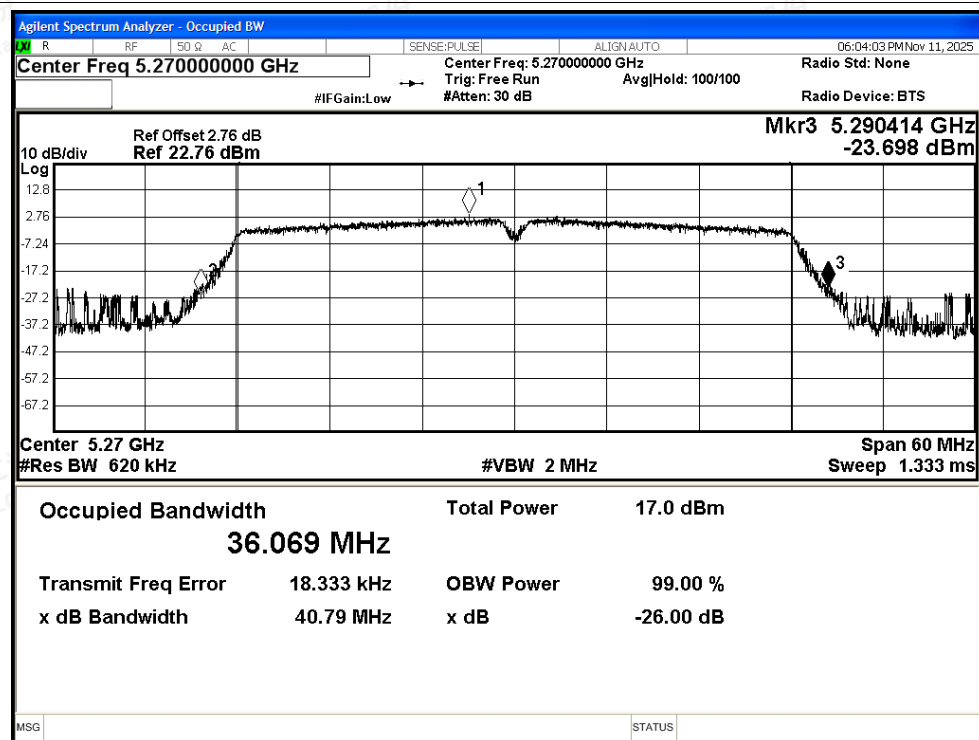
Add: 101, 201 Bldg A & 301 Bldg C, Juji Industrial Park Yabianxueziwei, Shajing Street, Baoan District, Shenzhen, 518000, China

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

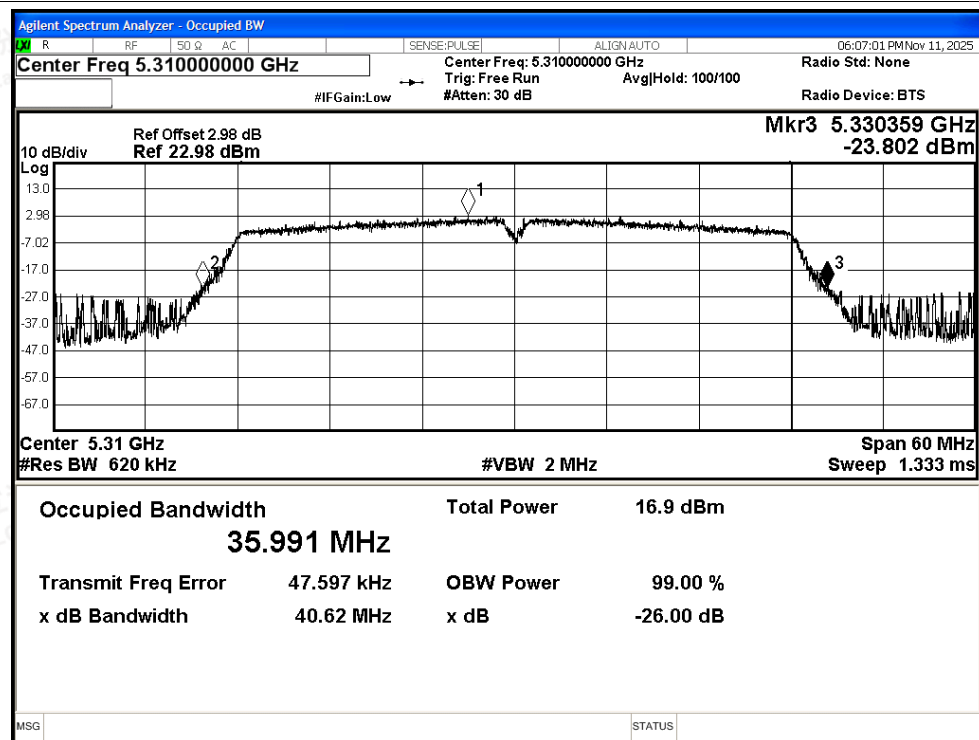
Scan code to check authenticity



-26dB Bandwidth NVNT n40 5270MHz Ant1



-26dB Bandwidth NVNT n40 5310MHz Ant1



Shenzhen LCS Compliance Testing Laboratory Ltd.

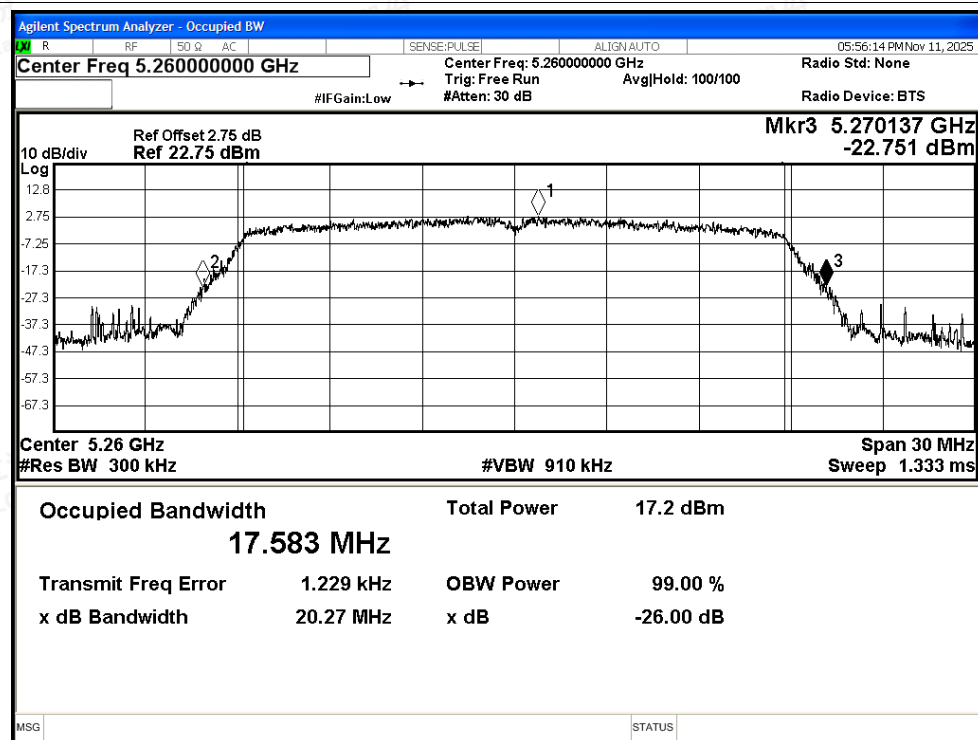
Add: 101, 201 Bldg A & 301 Bldg C, Juji Industrial Park Yabianxueziwei, Shajing Street, Baoan District, Shenzhen, 518000, China

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

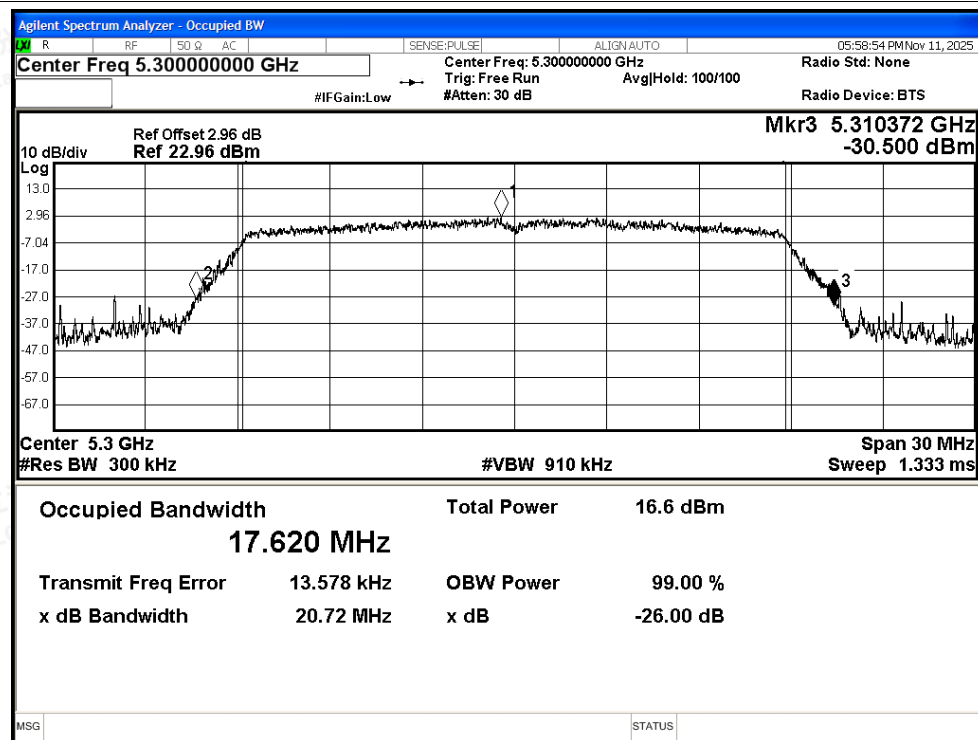
Scan code to check authenticity



-26dB Bandwidth NVNT ac20 5260MHz Ant1



-26dB Bandwidth NVNT ac20 5300MHz Ant1



Shenzhen LCS Compliance Testing Laboratory Ltd.

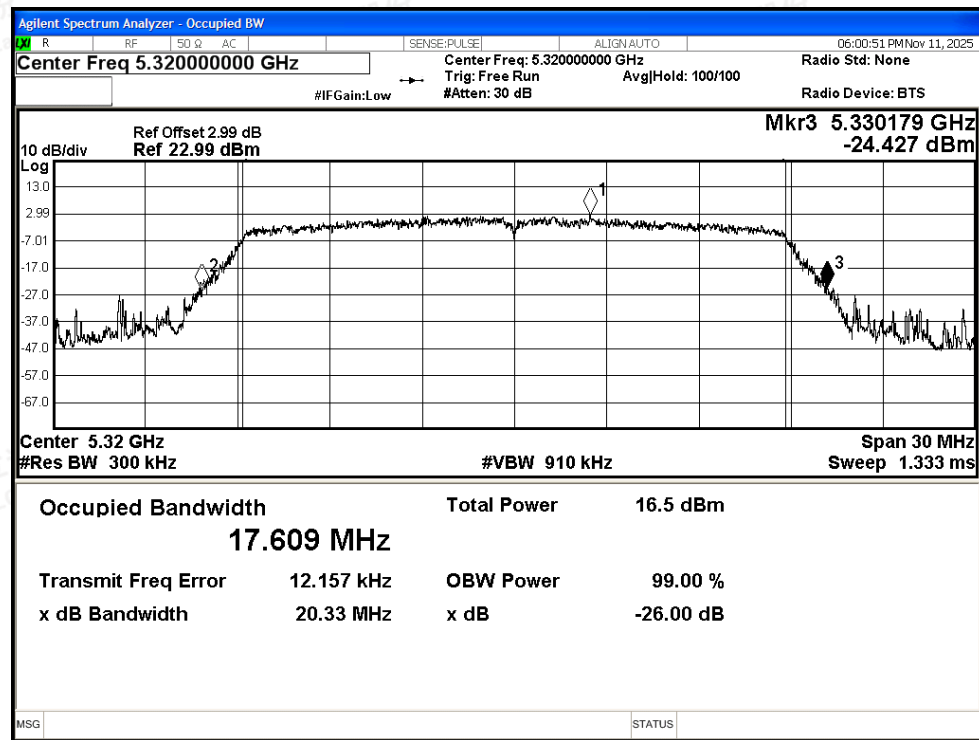
Add: 101, 201 Bldg A & 301 Bldg C, Juji Industrial Park Yabianxueziwei, Shajing Street, Baoan District, Shenzhen, 518000, China

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

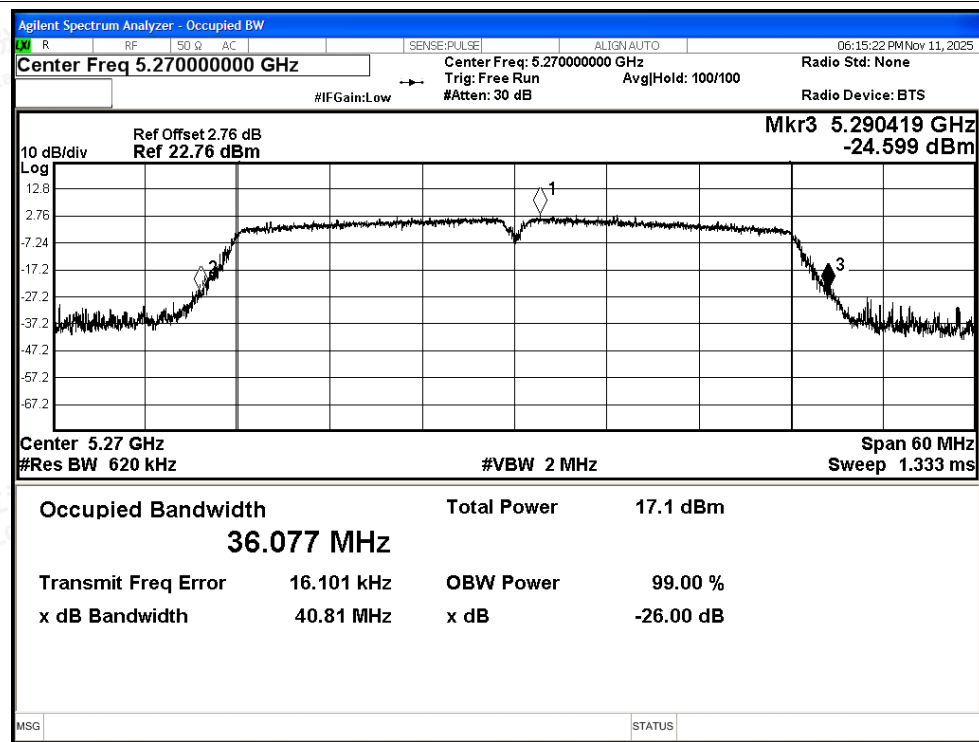
Scan code to check authenticity



-26dB Bandwidth NVNT ac20 5320MHz Ant1



-26dB Bandwidth NVNT ac40 5270MHz Ant1



Shenzhen LCS Compliance Testing Laboratory Ltd.

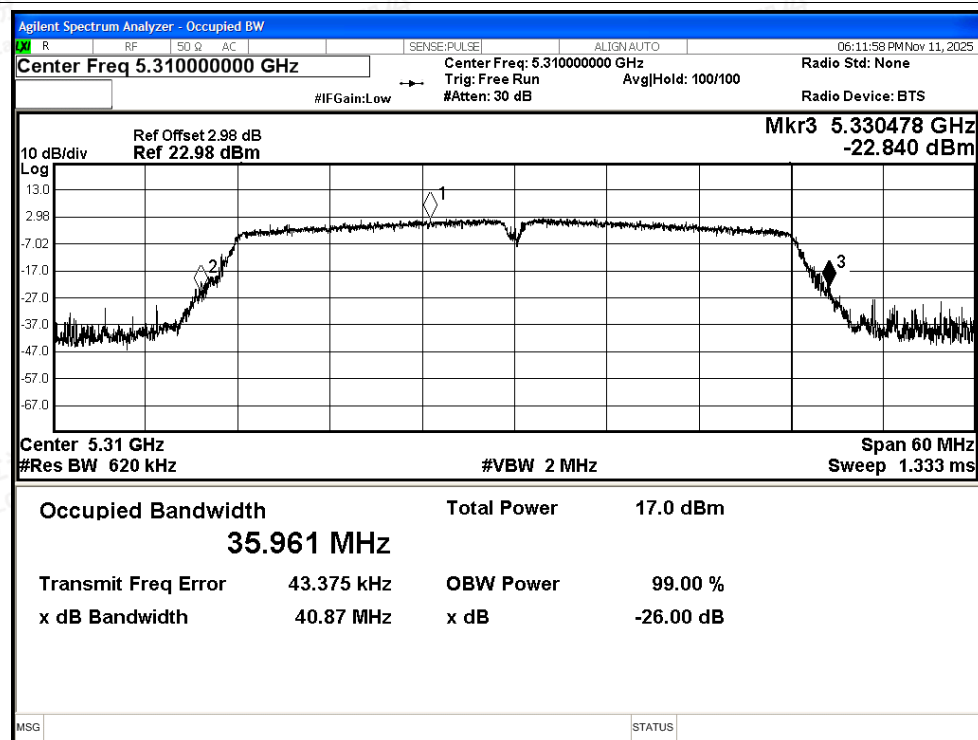
Add: 101, 201 Bldg A & 301 Bldg C, Juji Industrial Park Yabianxueziwei, Shajing Street, Baoan District, Shenzhen, 518000, China

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

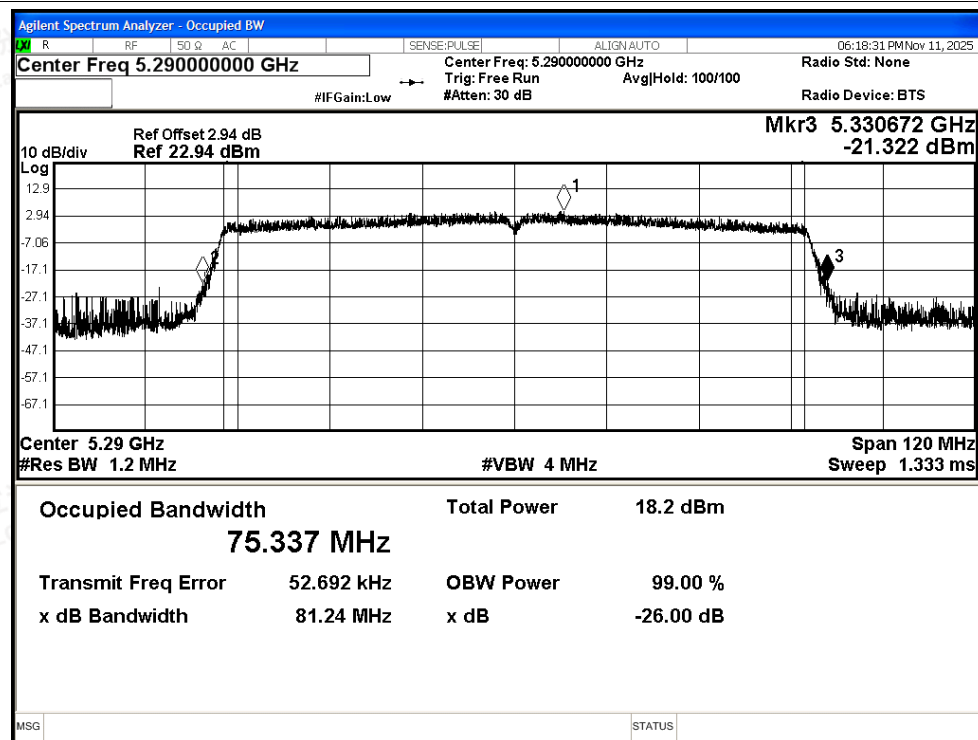
Scan code to check authenticity



-26dB Bandwidth NVNT ac40 5310MHz Ant1



-26dB Bandwidth NVNT ac80 5290MHz 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



E.2 Maximum Conducted Output Power

Condition	Mode	Frequency (MHz)	Antenna	Conducted Power (dBm)	Duty Factor (dB)	Total Power (dBm)	Limit (dBm)	Verdict
NVNT	a	5260	Ant1	12.09	0.38	12.47	24	Pass
NVNT	a	5300	Ant1	11.43	0.37	11.8	24	Pass
NVNT	a	5320	Ant1	11.34	0.38	11.72	24	Pass
NVNT	n20	5260	Ant1	11.77	0.4	12.17	24	Pass
NVNT	n20	5300	Ant1	11.67	0.4	12.07	24	Pass
NVNT	n20	5320	Ant1	10.76	0.4	11.16	24	Pass
NVNT	n40	5270	Ant1	10.67	0.75	11.42	24	Pass
NVNT	n40	5310	Ant1	10.58	0.76	11.34	24	Pass
NVNT	ac20	5260	Ant1	11.2	0.39	11.59	24	Pass
NVNT	ac20	5300	Ant1	10.82	0.39	11.21	24	Pass
NVNT	ac20	5320	Ant1	10.73	0.39	11.12	24	Pass
NVNT	ac40	5270	Ant1	10.7	0.76	11.46	24	Pass
NVNT	ac40	5310	Ant1	10.68	0.76	11.44	24	Pass
NVNT	ac80	5290	Ant1	10.46	1.41	11.87	24	Pass





E.3 Maximum Power Spectral Density Level

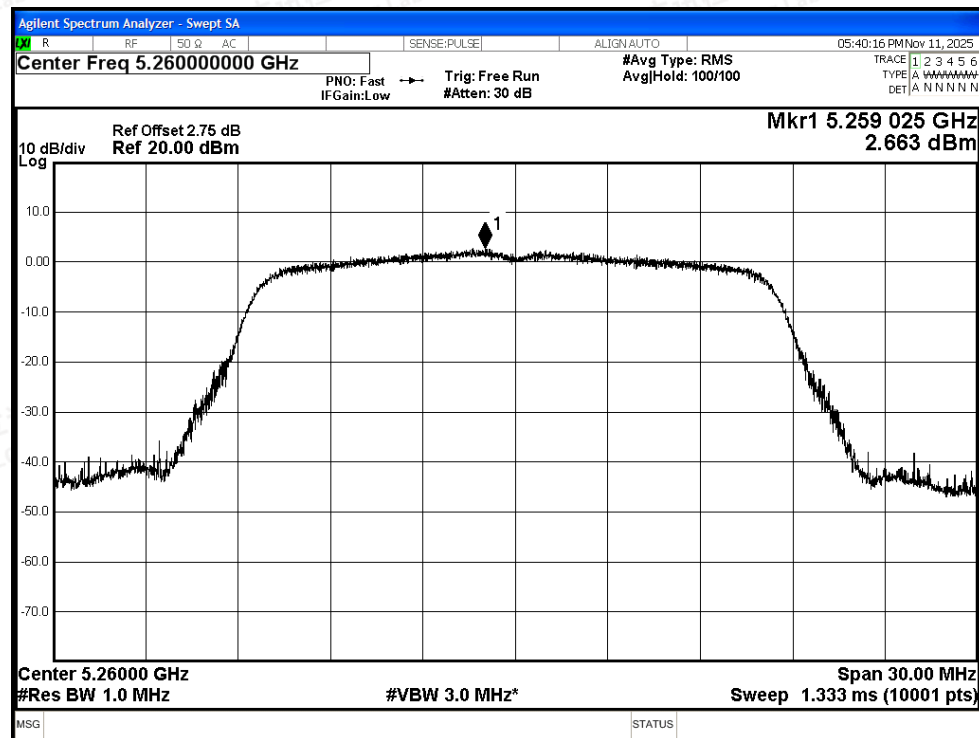
Condition	Mode	Frequency (MHz)	Antenna	Conducted PSD(dBm/MHz)	Duty Factor (dB)	Total PSD (dBm/MHz)	Limit (dBm/MHz)	Verdict
NVNT	a	5260	Ant1	2.66	0.38	3.04	11	Pass
NVNT	a	5300	Ant1	1.87	0.37	2.24	11	Pass
NVNT	a	5320	Ant1	2.13	0.38	2.51	11	Pass
NVNT	n20	5260	Ant1	2.04	0.4	2.44	11	Pass
NVNT	n20	5300	Ant1	0.93	0.4	1.33	11	Pass
NVNT	n20	5320	Ant1	1.02	0.4	1.42	11	Pass
NVNT	n40	5270	Ant1	-2.3	0.75	-1.55	11	Pass
NVNT	n40	5310	Ant1	-2.45	0.76	-1.69	11	Pass
NVNT	ac20	5260	Ant1	1.8	0.39	2.19	11	Pass
NVNT	ac20	5300	Ant1	1.07	0.39	1.46	11	Pass
NVNT	ac20	5320	Ant1	0.75	0.39	1.14	11	Pass
NVNT	ac40	5270	Ant1	-2.11	0.76	-1.35	11	Pass
NVNT	ac40	5310	Ant1	-2.34	0.76	-1.58	11	Pass
NVNT	ac80	5290	Ant1	-5.28	1.41	-3.87	11	Pass



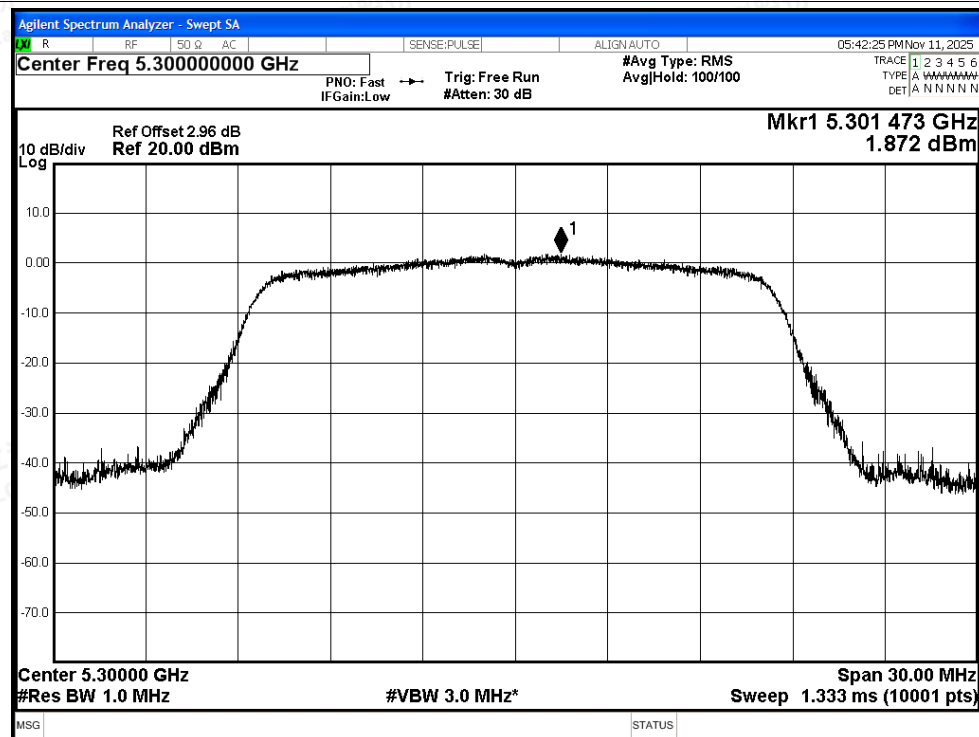


Test Graphs

PSD NVNT a 5260MHz Ant1



PSD NVNT a 5300MHz Ant1



Shenzhen LCS Compliance Testing Laboratory Ltd.

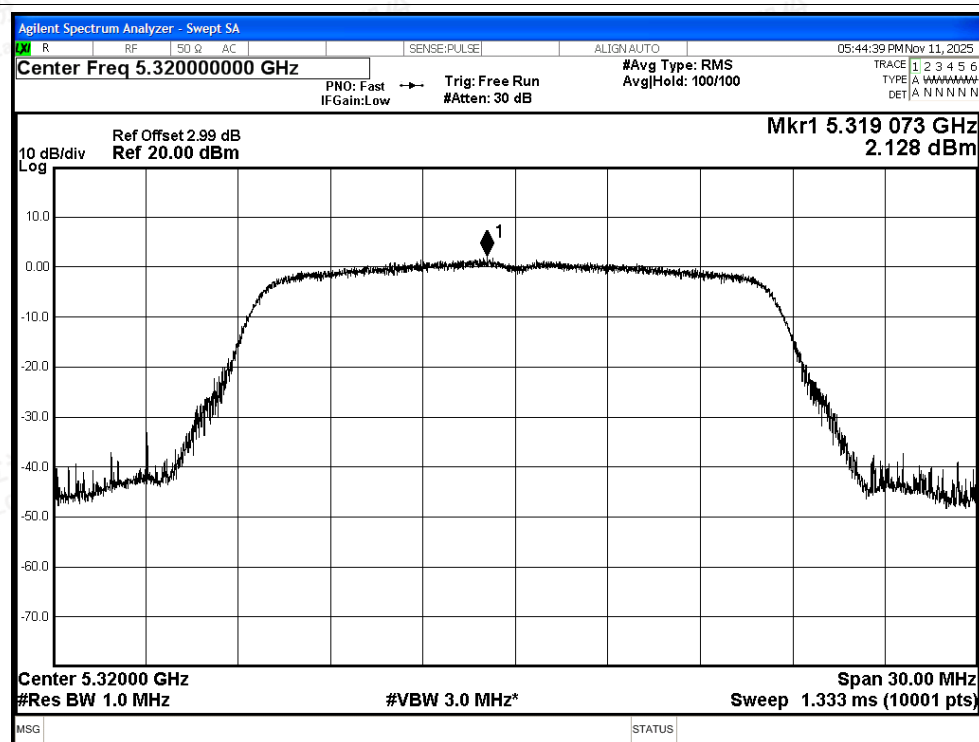
Add: 101, 201 Bldg A & 301 Bldg C, Juji Industrial Park Yabianxueziwei, Shajing Street, Baoan District, Shenzhen, 518000, China

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

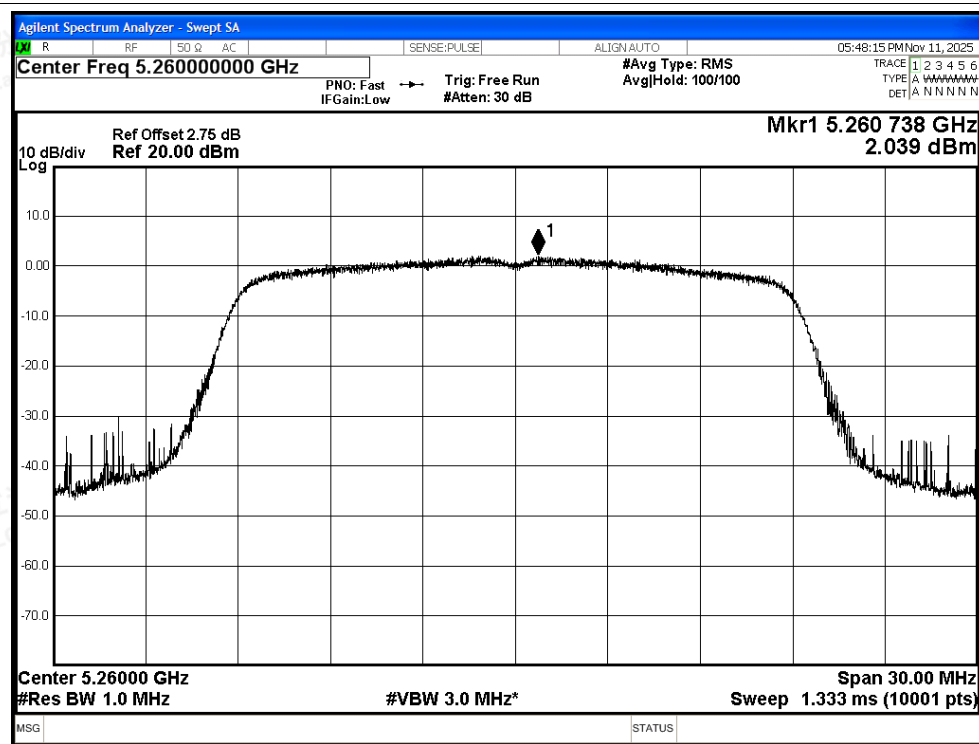
Scan code to check authenticity



PSD NVNT a 5320MHz Ant1



PSD NVNT n20 5260MHz Ant1

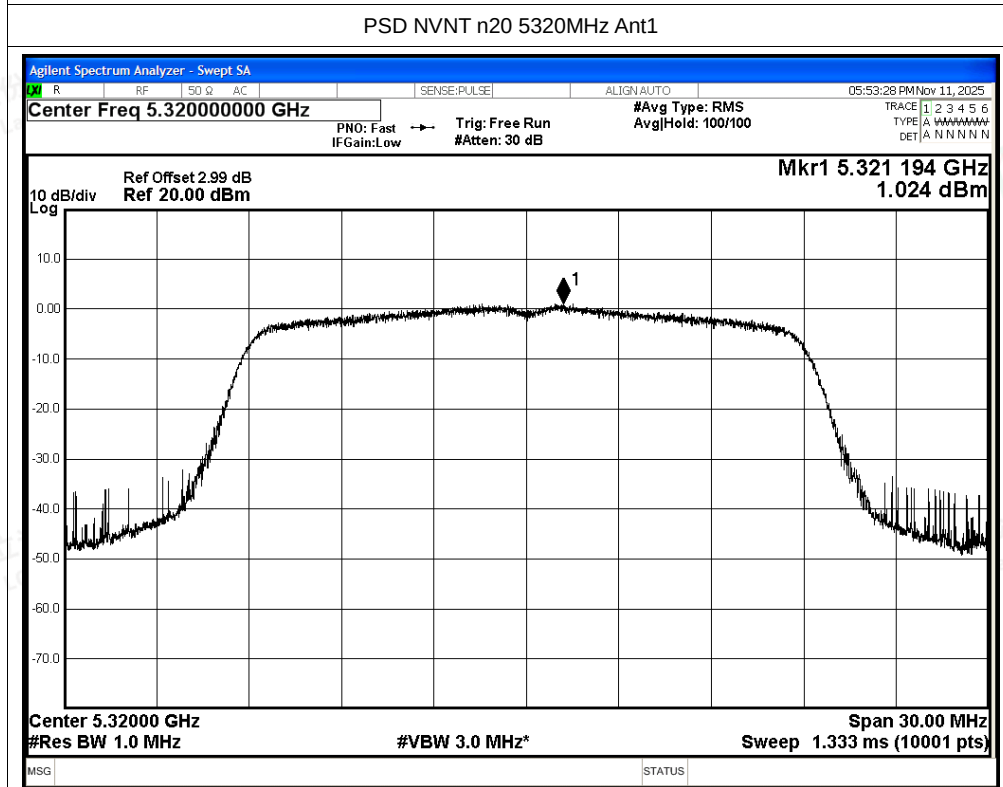
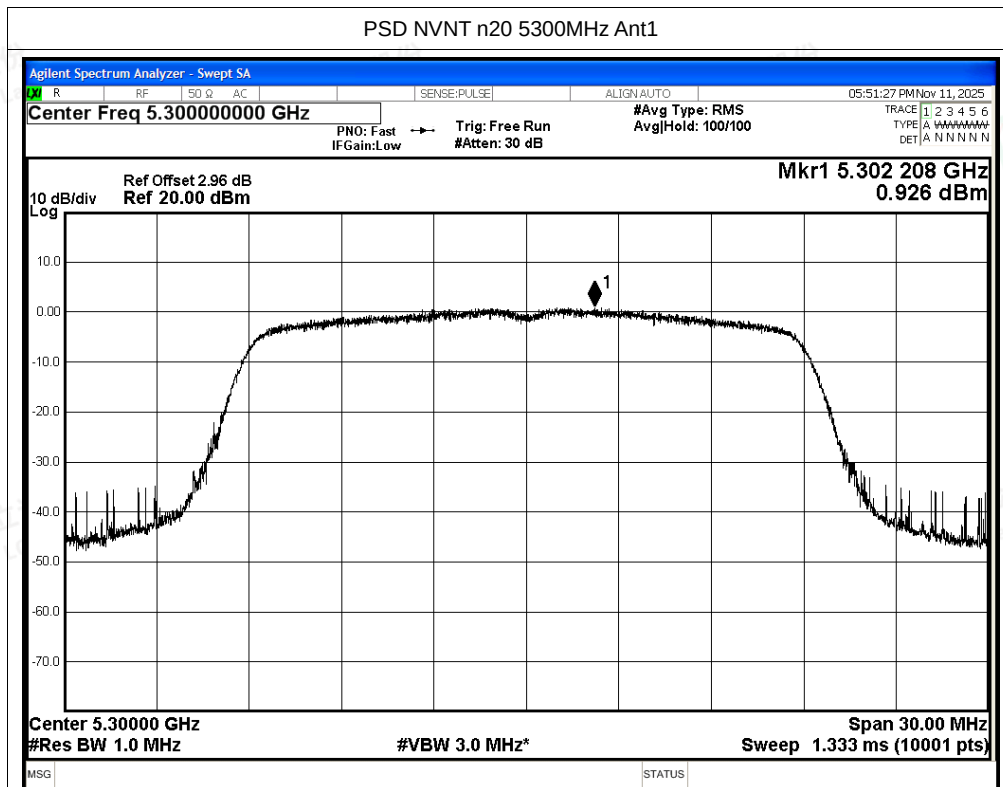


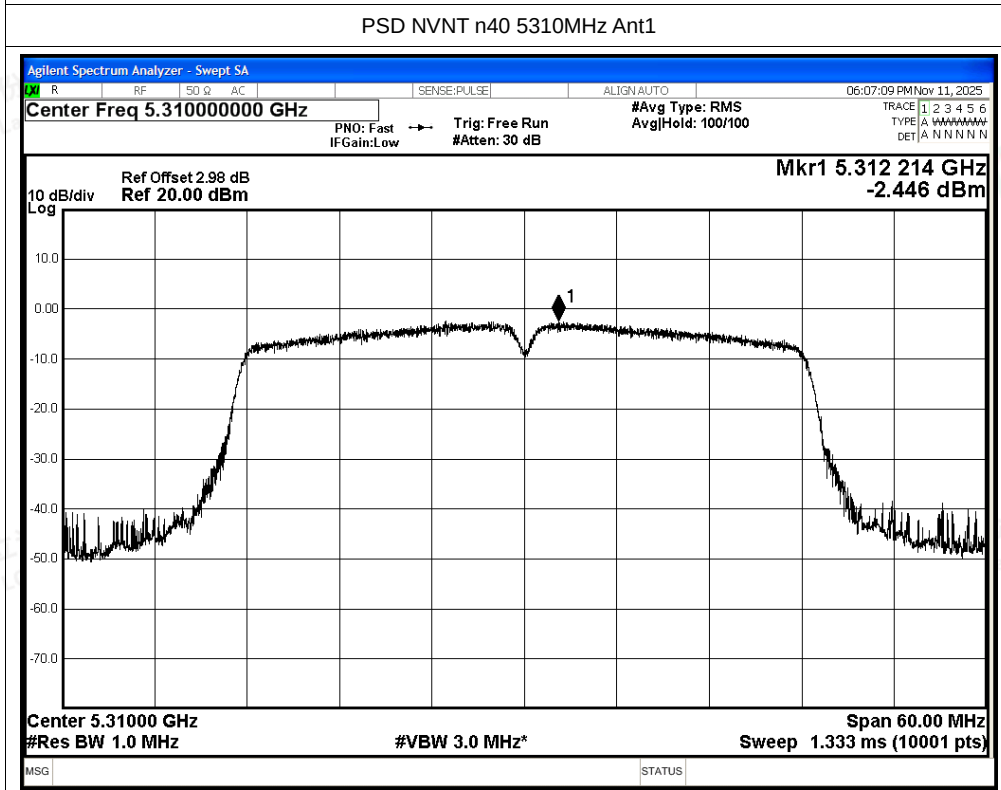
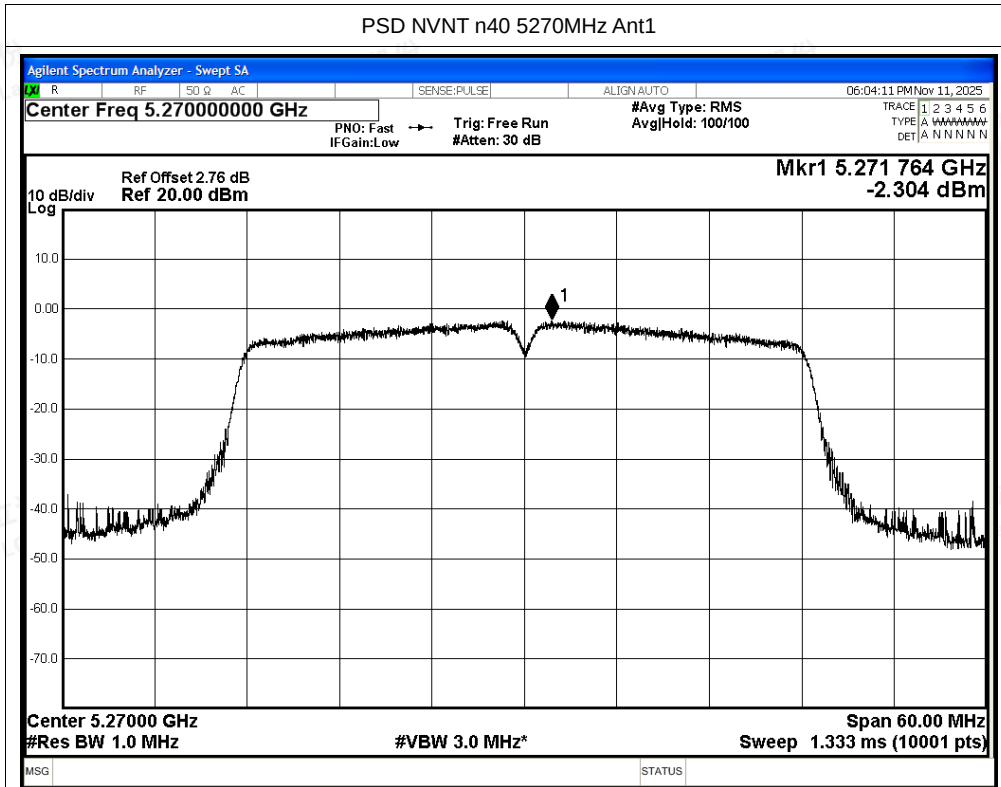
Shenzhen LCS Compliance Testing Laboratory Ltd.

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





Shenzhen LCS Compliance Testing Laboratory Ltd.

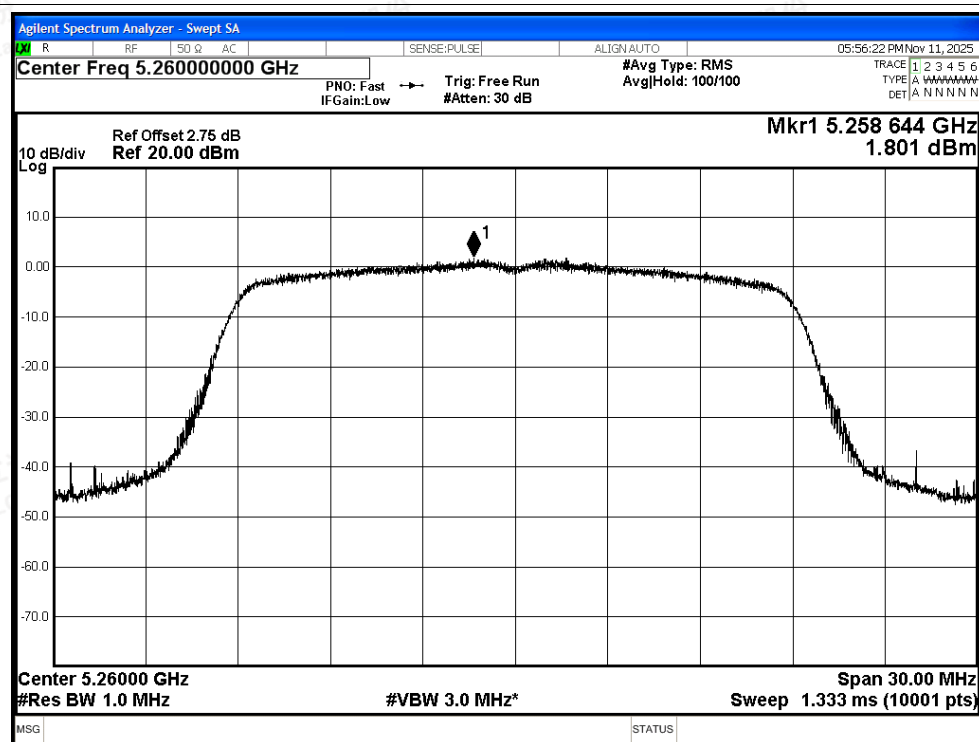
Add: 101, 201 Bldg A & 301 Bldg C, Juji Industrial Park Yabianxueziwei, Shajing Street, Baoan District, Shenzhen, 518000, China

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

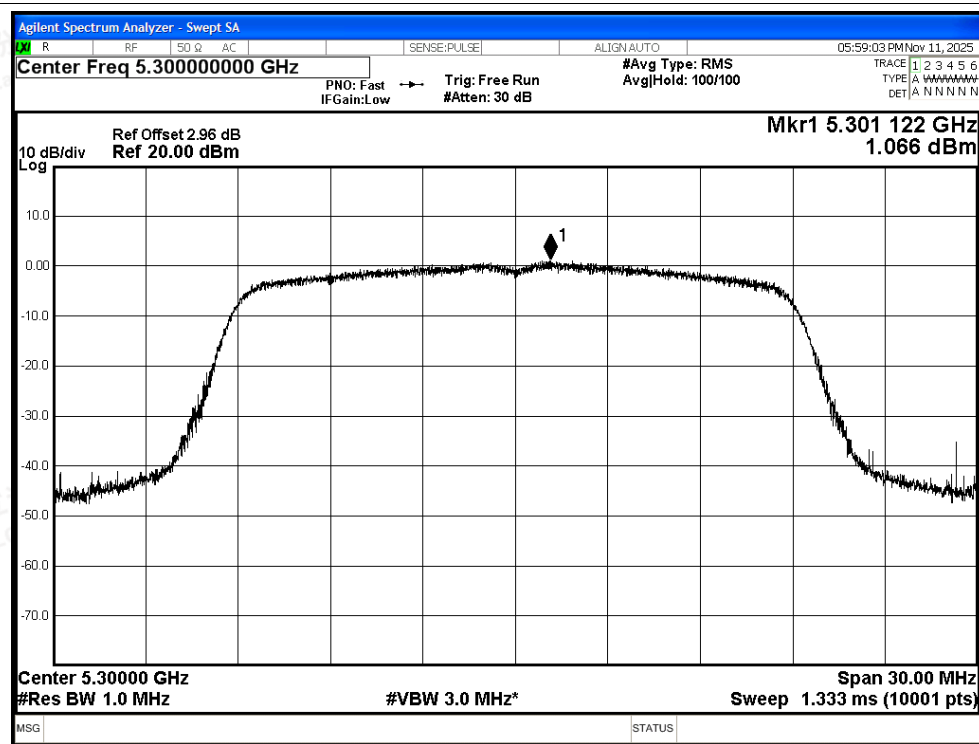
Scan code to check authenticity



PSD NVNT ac20 5260MHz Ant1



PSD NVNT ac20 5300MHz Ant1



Shenzhen LCS Compliance Testing Laboratory Ltd.

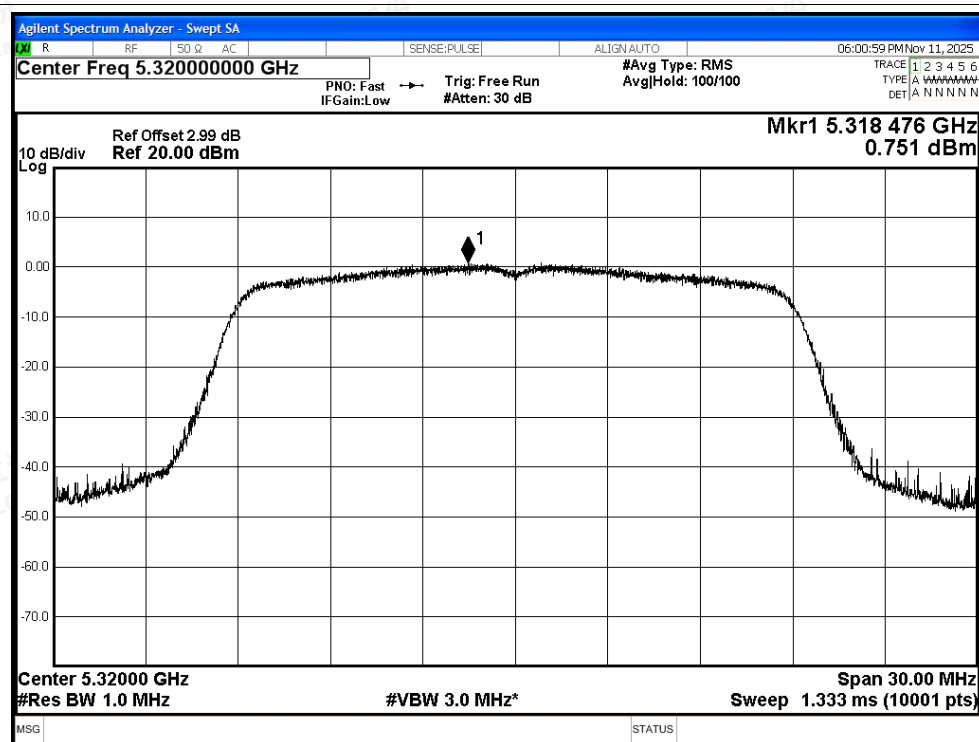
Add: 101, 201 Bldg A & 301 Bldg C, Juji Industrial Park Yabianxueziwei, Shajing Street, Baoan District, Shenzhen, 518000, China

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

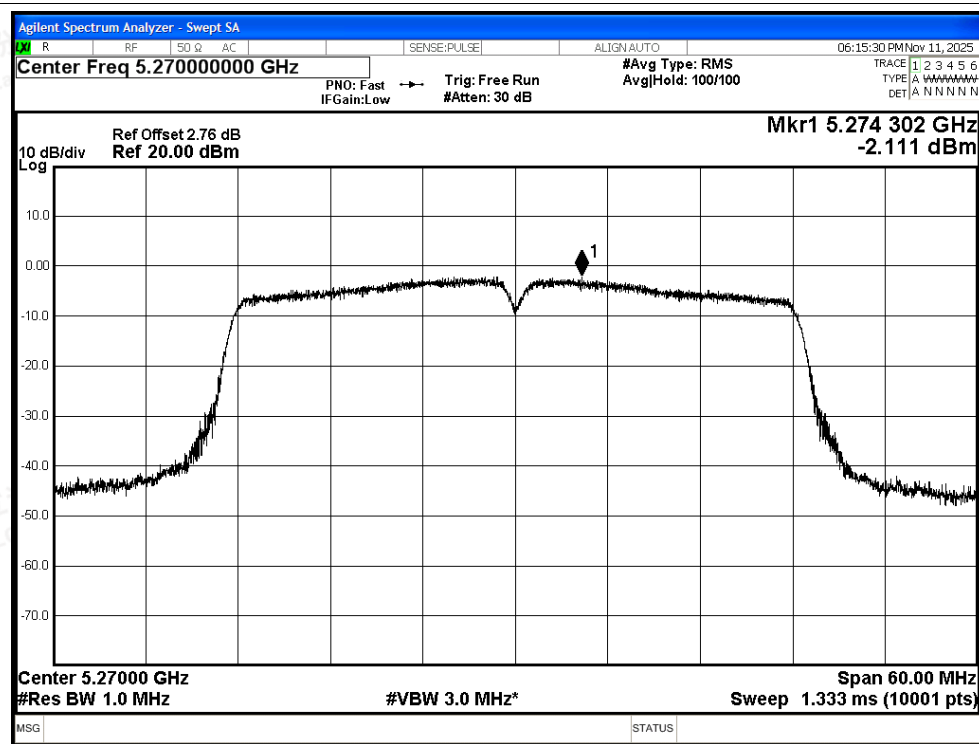
Scan code to check authenticity



PSD NVNT ac20 5320MHz Ant1



PSD NVNT ac40 5270MHz Ant1



Shenzhen LCS Compliance Testing Laboratory Ltd.

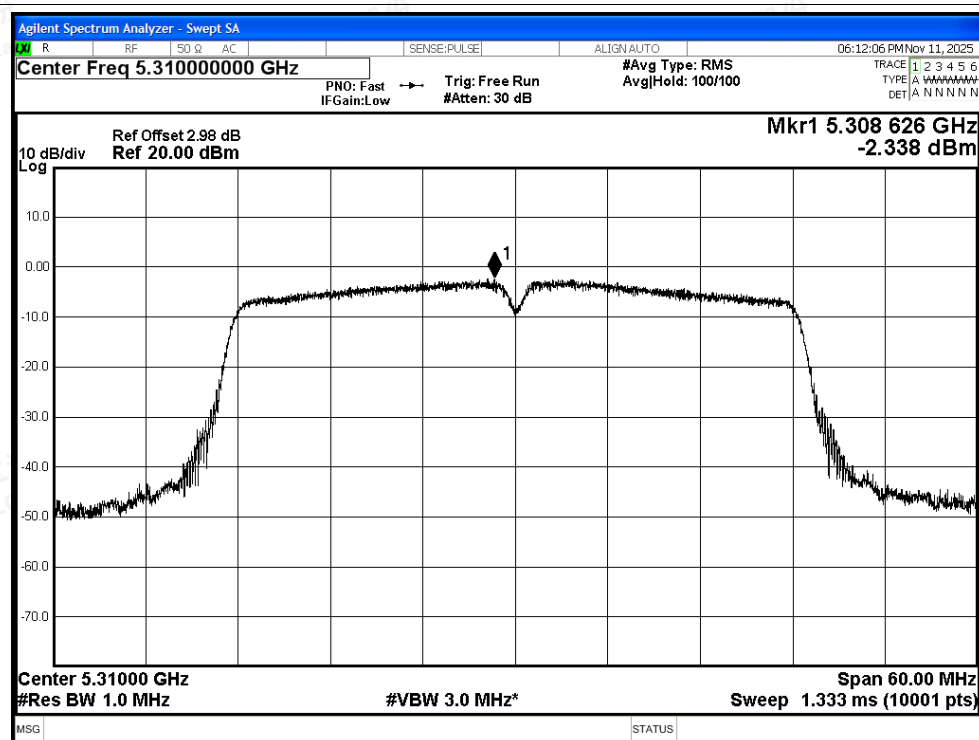
Add: 101, 201 Bldg A & 301 Bldg C, Juji Industrial Park Yabianxueziwei, Shajing Street, Baoan District, Shenzhen, 518000, China

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

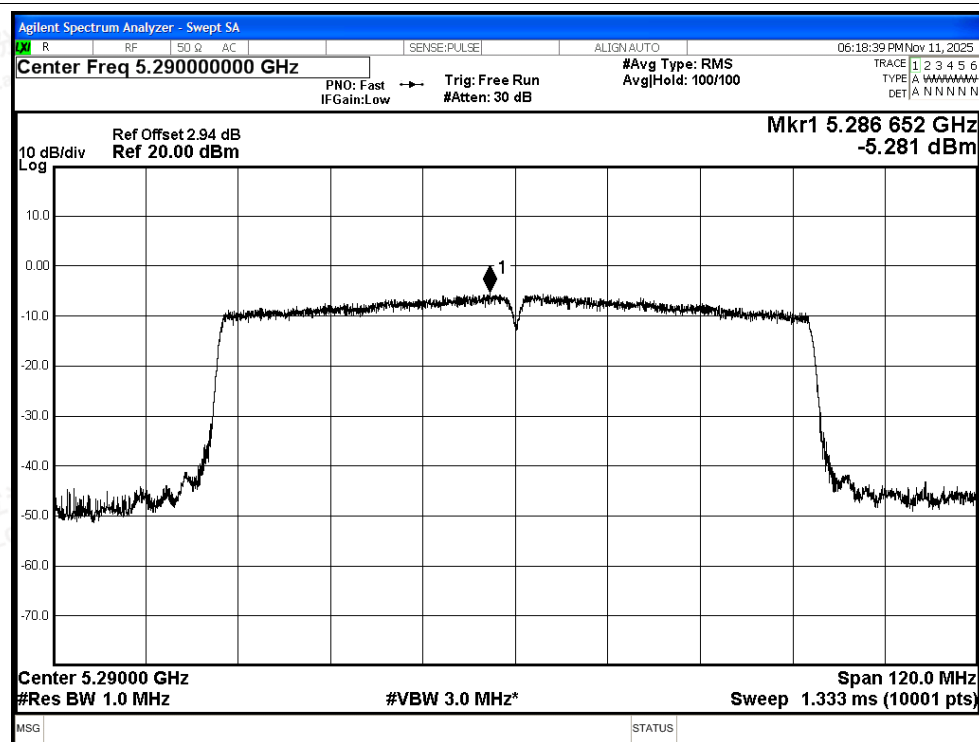
Scan code to check authenticity



PSD NVNT ac40 5310MHz Ant1



PSD NVNT ac80 5290MHz Ant1





E.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	5260	Ant1	4500	-49.59	2	-	47.64	Peak	68.2	Pass
NVNT	a	5260	Ant1	4500	-59.08	2	0.38	38.53	Average	54	Pass
NVNT	a	5260	Ant1	5123.22	-47.14	2	-	50.09	Peak	68.2	Pass
NVNT	a	5260	Ant1	5071.74	-56.67	2	0.38	40.94	Average	54	Pass
NVNT	a	5260	Ant1	5150	-48.98	2	-	48.25	Peak	68.2	Pass
NVNT	a	5260	Ant1	5150	-57.12	2	0.38	40.49	Average	54	Pass
NVNT	a	5320	Ant1	5350	-47.88	2	-	49.35	Peak	68.2	Pass
NVNT	a	5320	Ant1	5350	-57.4	2	0.38	40.21	Average	54	Pass
NVNT	a	5320	Ant1	5405	-46.87	2	-	50.36	Peak	68.2	Pass
NVNT	a	5320	Ant1	5354.2	-56.7	2	0.38	40.91	Average	54	Pass
NVNT	a	5320	Ant1	5460	-49.67	2	-	47.56	Peak	68.2	Pass
NVNT	a	5320	Ant1	5460	-57.86	2	0.38	39.75	Average	54	Pass
NVNT	n20	5260	Ant1	4500	-51.04	2	-	46.19	Peak	68.2	Pass
NVNT	n20	5260	Ant1	4500	-58.82	2	0.4	38.81	Average	54	Pass
NVNT	n20	5260	Ant1	5070.96	-46.28	2	-	50.95	Peak	68.2	Pass
NVNT	n20	5260	Ant1	5126.34	-56.85	2	0.4	40.78	Average	54	Pass
NVNT	n20	5260	Ant1	5150	-49.68	2	-	47.55	Peak	68.2	Pass
NVNT	n20	5260	Ant1	5150	-58.18	2	0.4	39.45	Average	54	Pass
NVNT	n20	5320	Ant1	5350	-48.25	2	-	48.98	Peak	68.2	Pass
NVNT	n20	5320	Ant1	5350	-57.13	2	0.4	40.5	Average	54	Pass
NVNT	n20	5320	Ant1	5351.6	-44.74	2	-	52.49	Peak	68.2	Pass
NVNT	n20	5320	Ant1	5419.6	-56.58	2	0.4	41.05	Average	54	Pass
NVNT	n20	5320	Ant1	5460	-50.41	2	-	46.82	Peak	68.2	Pass
NVNT	n20	5320	Ant1	5460	-58.53	2	0.4	39.1	Average	54	Pass
NVNT	n40	5270	Ant1	4500	-50.26	2	-	46.97	Peak	68.2	Pass
NVNT	n40	5270	Ant1	4500	-59.03	2	0.75	38.95	Average	54	Pass
NVNT	n40	5270	Ant1	4809.42	-47.26	2	-	49.97	Peak	68.2	Pass
NVNT	n40	5270	Ant1	5069.43	-57.01	2	0.75	40.97	Average	54	Pass
NVNT	n40	5270	Ant1	5150	-49.45	2	-	47.78	Peak	68.2	Pass
NVNT	n40	5270	Ant1	5150	-57.46	2	0.75	40.52	Average	54	Pass
NVNT	n40	5310	Ant1	5350	-45.52	2	-	51.71	Peak	68.2	Pass
NVNT	n40	5310	Ant1	5350	-57.66	2	0.76	40.33	Average	54	Pass
NVNT	n40	5310	Ant1	5350.2	-43.55	2	-	53.68	Peak	68.2	Pass
NVNT	n40	5310	Ant1	5362.8	-56.67	2	0.76	41.32	Average	54	Pass
NVNT	n40	5310	Ant1	5460	-50.61	2	-	46.62	Peak	68.2	Pass
NVNT	n40	5310	Ant1	5460	-58.19	2	0.76	39.8	Average	54	Pass
NVNT	ac20	5260	Ant1	4500	-51.51	2	-	45.72	Peak	68.2	Pass
NVNT	ac20	5260	Ant1	4500	-58.74	2	0.39	38.88	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



NVNT	ac20	5260	Ant1	5074.86	-47.02	2	-	50.21	Peak	68.2	Pass
NVNT	ac20	5260	Ant1	5113.86	-56.83	2	0.39	40.79	Average	54	Pass
NVNT	ac20	5260	Ant1	5150	-49.88	2	-	47.35	Peak	68.2	Pass
NVNT	ac20	5260	Ant1	5150	-57.49	2	0.39	40.13	Average	54	Pass
NVNT	ac20	5320	Ant1	5350	-50.04	2	-	47.19	Peak	68.2	Pass
NVNT	ac20	5320	Ant1	5350	-57.49	2	0.39	40.13	Average	54	Pass
NVNT	ac20	5320	Ant1	5444	-46.55	2	-	50.68	Peak	68.2	Pass
NVNT	ac20	5320	Ant1	5351.8	-56.52	2	0.39	41.1	Average	54	Pass
NVNT	ac20	5320	Ant1	5460	-49.51	2	-	47.72	Peak	68.2	Pass
NVNT	ac20	5320	Ant1	5460	-58.16	2	0.39	39.46	Average	54	Pass
NVNT	ac40	5270	Ant1	4500	-50.83	2	-	46.4	Peak	68.2	Pass
NVNT	ac40	5270	Ant1	4500	-58.9	2	0.76	39.09	Average	54	Pass
NVNT	ac40	5270	Ant1	5149.62	-46.29	2	-	50.94	Peak	68.2	Pass
NVNT	ac40	5270	Ant1	5115.6	-56.97	2	0.76	41.02	Average	54	Pass
NVNT	ac40	5270	Ant1	5150	-46.29	2	-	50.94	Peak	68.2	Pass
NVNT	ac40	5270	Ant1	5150	-58.02	2	0.76	39.97	Average	54	Pass
NVNT	ac40	5310	Ant1	5350	-49.41	2	-	47.82	Peak	68.2	Pass
NVNT	ac40	5310	Ant1	5350	-57.71	2	0.76	40.28	Average	54	Pass
NVNT	ac40	5310	Ant1	5395.8	-46.67	2	-	50.56	Peak	68.2	Pass
NVNT	ac40	5310	Ant1	5363.6	-56.72	2	0.76	41.27	Average	54	Pass
NVNT	ac40	5310	Ant1	5460	-49.54	2	-	47.69	Peak	68.2	Pass
NVNT	ac40	5310	Ant1	5460	-57.7	2	0.76	40.29	Average	54	Pass
NVNT	ac80	5290	Ant1	4500	-50.73	2	-	46.5	Peak	68.2	Pass
NVNT	ac80	5290	Ant1	4500	-58.86	2	1.41	39.78	Average	54	Pass
NVNT	ac80	5290	Ant1	5145.54	-46.23	2	-	51	Peak	68.2	Pass
NVNT	ac80	5290	Ant1	5107.26	-56.7	2	1.41	41.94	Average	54	Pass
NVNT	ac80	5290	Ant1	5150	-48.53	2	-	48.7	Peak	68.2	Pass
NVNT	ac80	5290	Ant1	5150	-57.84	2	1.41	40.8	Average	54	Pass
NVNT	ac80	5290	Ant1	5350	-48.75	2	-	48.48	Peak	68.2	Pass
NVNT	ac80	5290	Ant1	5350	-56.93	2	1.41	41.71	Average	54	Pass
NVNT	ac80	5290	Ant1	5457.5	-46	2	-	51.23	Peak	68.2	Pass
NVNT	ac80	5290	Ant1	5351	-56.24	2	1.41	42.4	Average	54	Pass
NVNT	ac80	5290	Ant1	5460	-50.08	2	-	47.15	Peak	68.2	Pass
NVNT	ac80	5290	Ant1	5460	-57.61	2	1.41	41.03	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

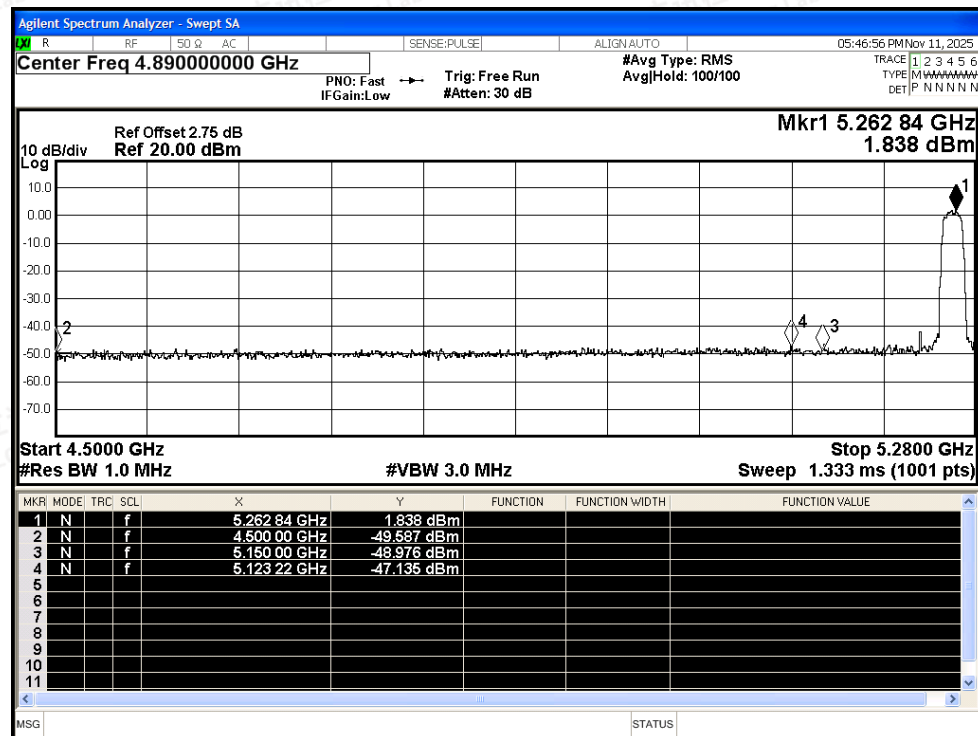
Tel: +(86) 0755-82591330 | E-mail: webmaster@lcs-cert.com | Web: www.lcs-cert.com

Scan code to check authenticity

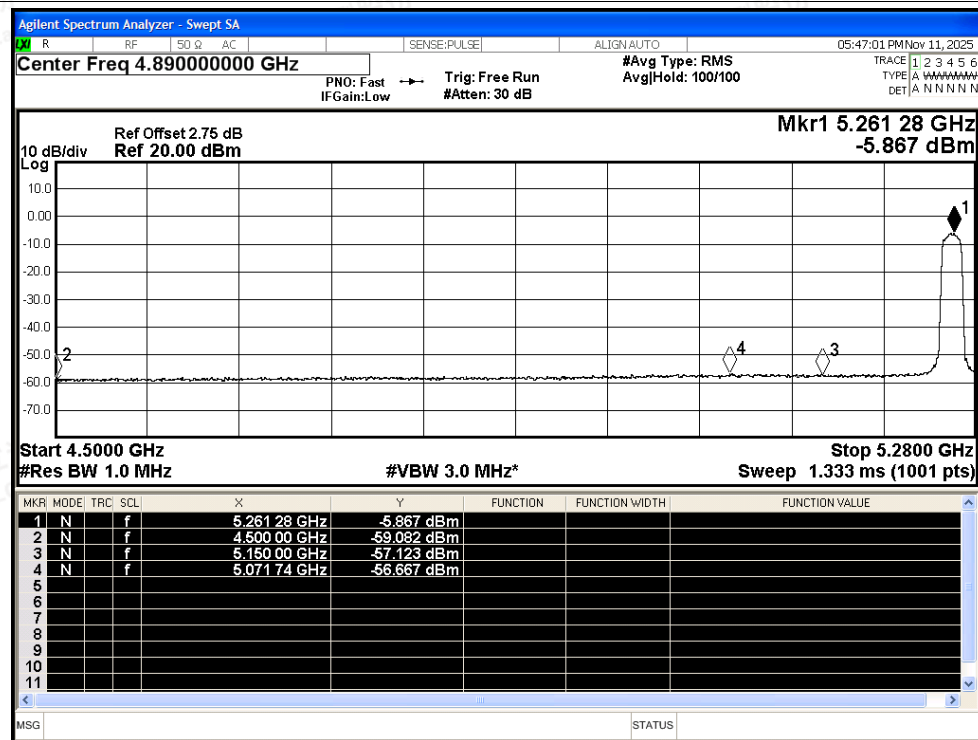


Test Graphs

Restrict Band NVNT a 5260MHz Ant1 Peak



Restrict Band NVNT a 5260MHz Ant1 Average



Shenzhen LCS Compliance Testing Laboratory Ltd.

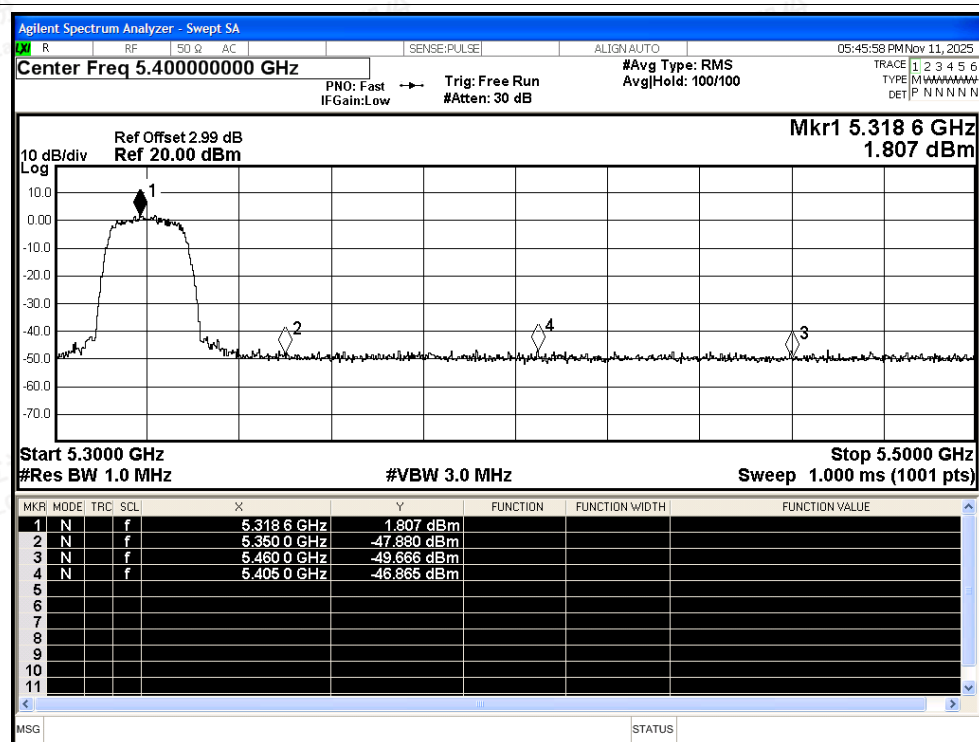
Add: 101, 201 Bldg A & 301 Bldg C, Juji Industrial Park Yabianxueziwei, Shajing Street, Baoan District, Shenzhen, 518000, China

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

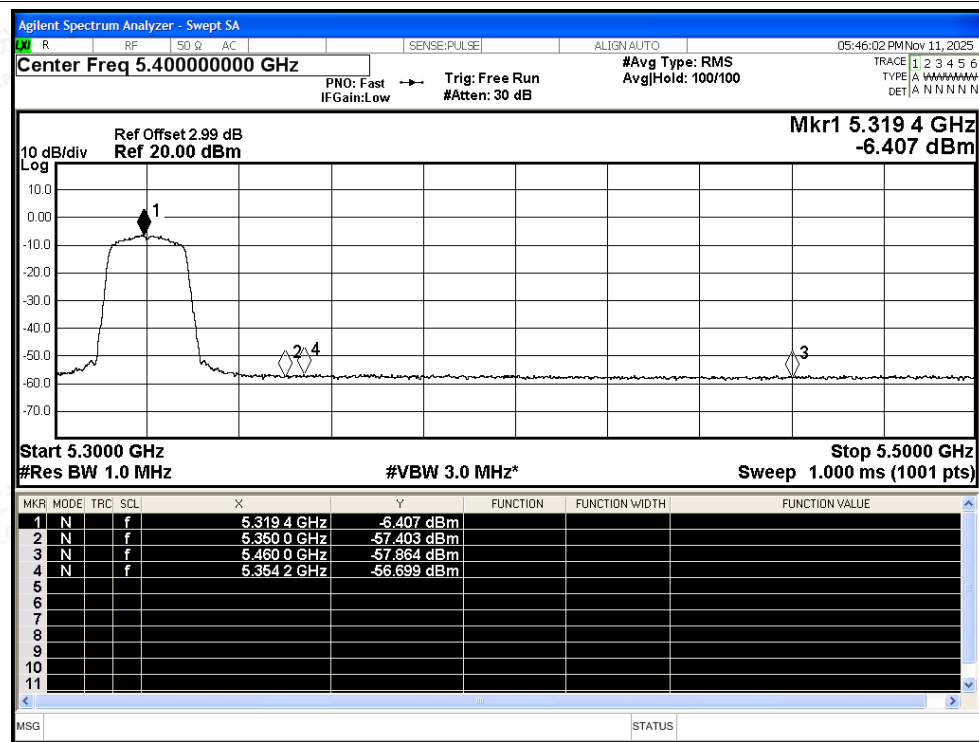
Scan code to check authenticity



Restrict Band NVNT a 5320MHz Ant1 Peak



Restrict Band NVNT a 5320MHz Ant1 Average



Shenzhen LCS Compliance Testing Laboratory Ltd.

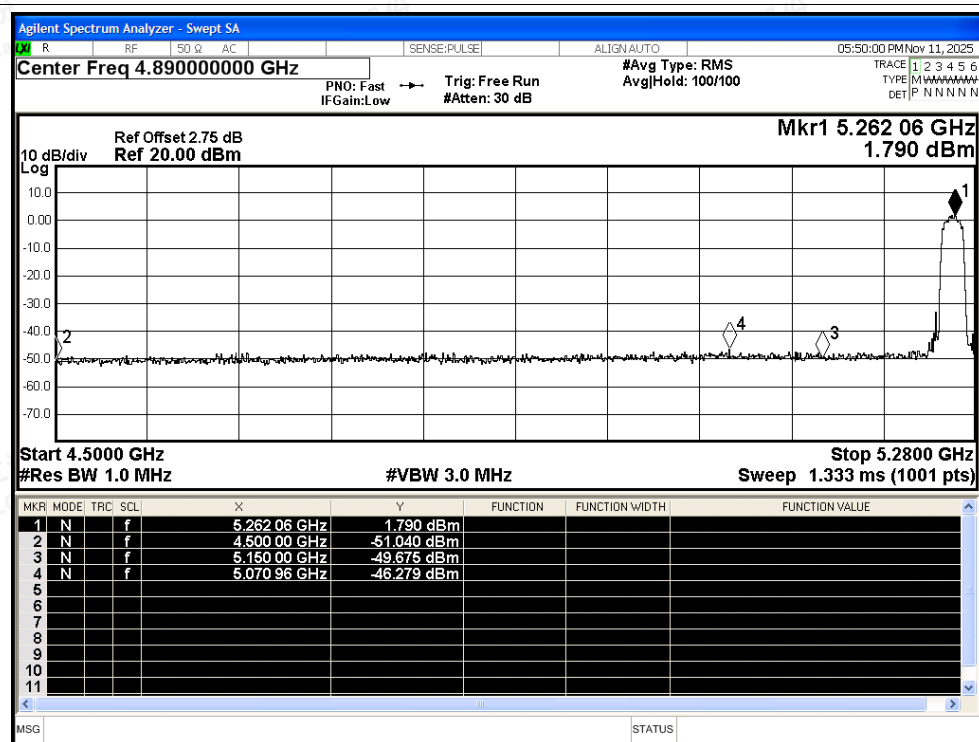
Add: 101, 201 Bldg A & 301 Bldg C, Juji Industrial Park Yabianxueziwei, Shajing Street, Baoan District, Shenzhen, 518000, China

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

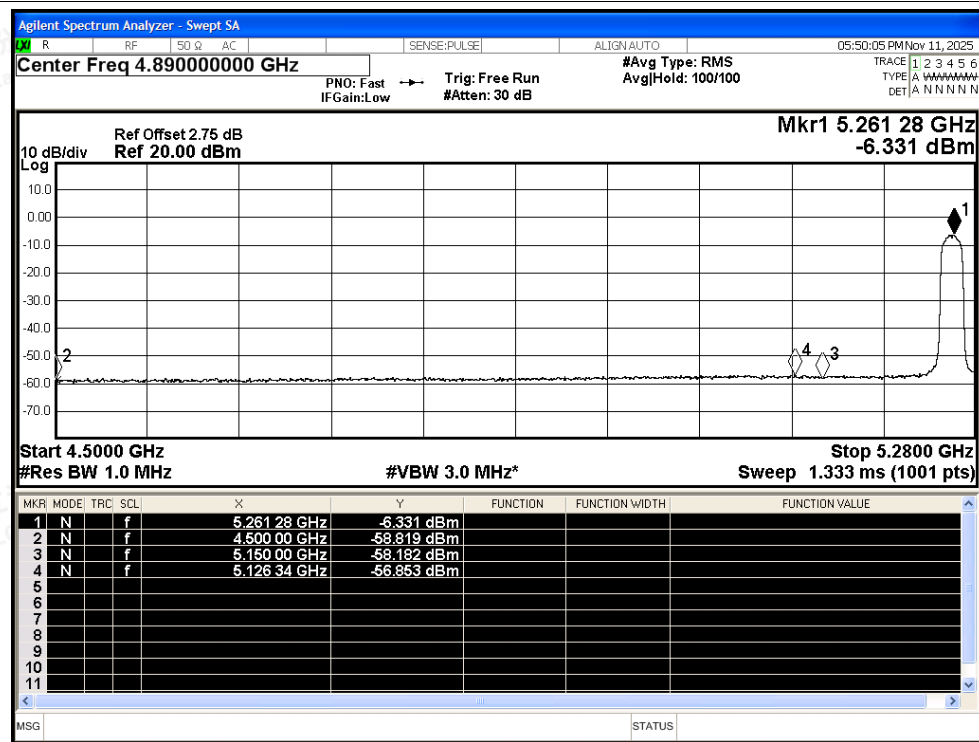
Scan code to check authenticity



Restrict Band NVNT n20 5260MHz Ant1 Peak



Restrict Band NVNT n20 5260MHz Ant1 Average



Shenzhen LCS Compliance Testing Laboratory Ltd.

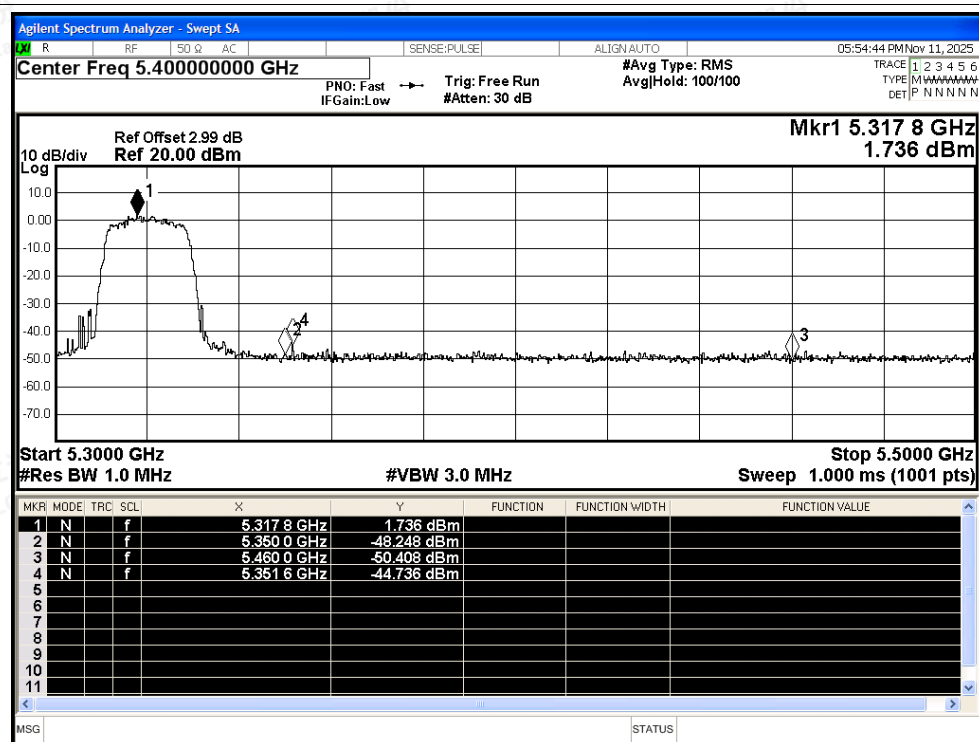
Add: 101, 201 Bldg A & 301 Bldg C, Juji Industrial Park Yabianxueziwei, Shajing Street, Baoan District, Shenzhen, 518000, China

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

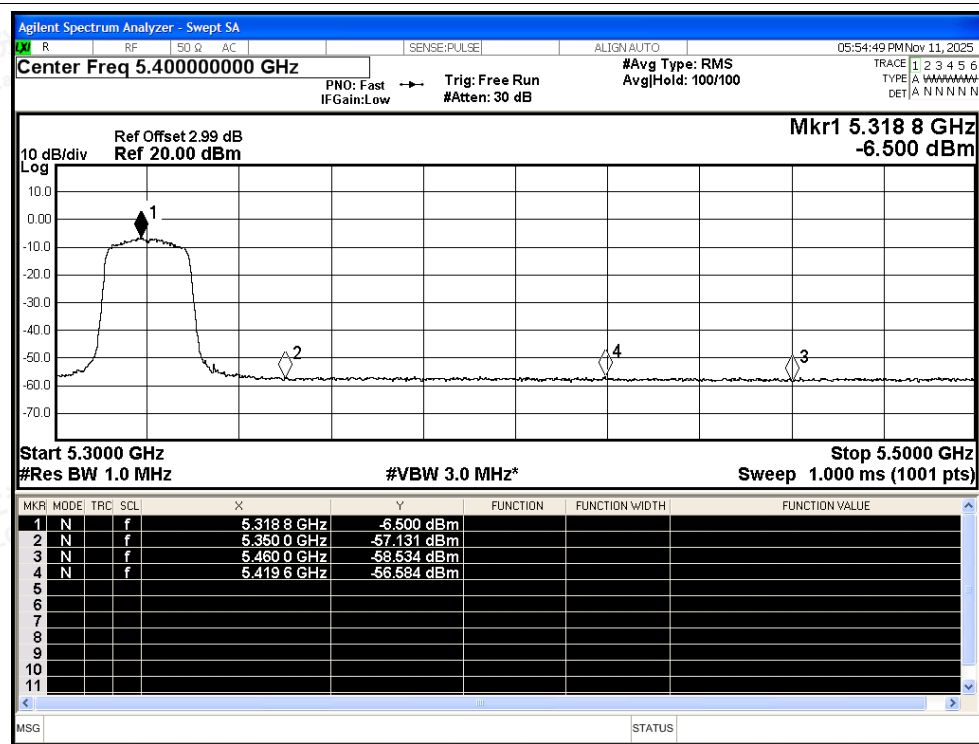
Scan code to check authenticity



Restrict Band NVNT n20 5320MHz Ant1 Peak



Restrict Band NVNT n20 5320MHz Ant1 Average



Shenzhen LCS Compliance Testing Laboratory Ltd.

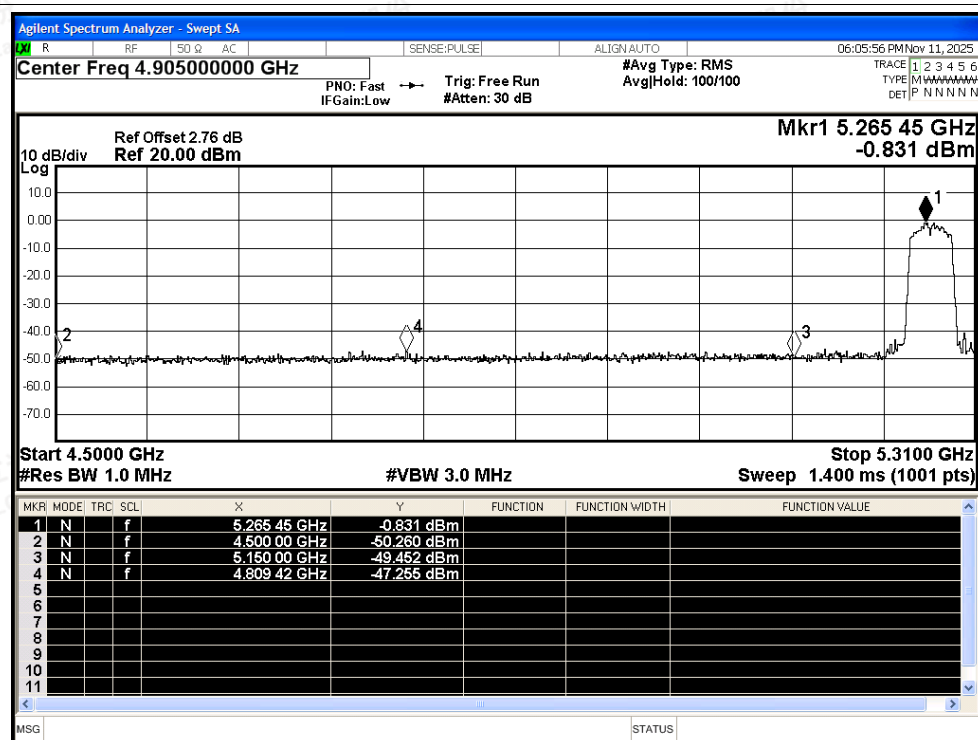
Add: 101, 201 Bldg A & 301 Bldg C, Juji Industrial Park Yabianxueziwei, Shajing Street, Baoan District, Shenzhen, 518000, China

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

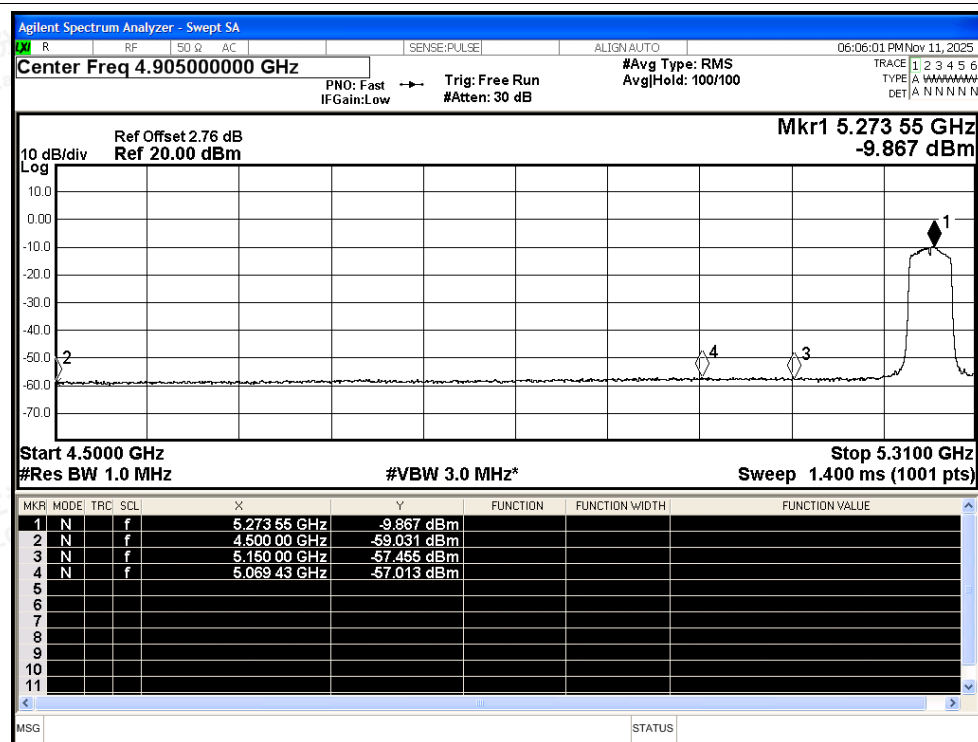
Scan code to check authenticity



Restrict Band NVNT n40 5270MHz Ant1 Peak



Restrict Band NVNT n40 5270MHz Ant1 Average



Shenzhen LCS Compliance Testing Laboratory Ltd.

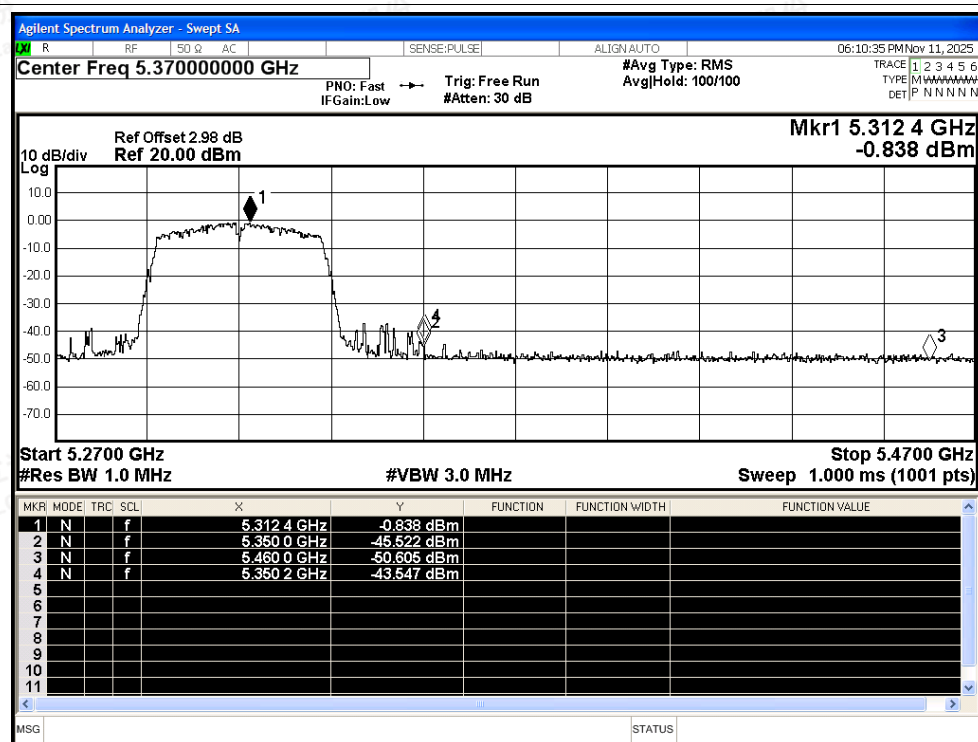
Add: 101, 201 Bldg A & 301 Bldg C, Juji Industrial Park Yabianxueziwei, Shajing Street, Baoan District, Shenzhen, 518000, China

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

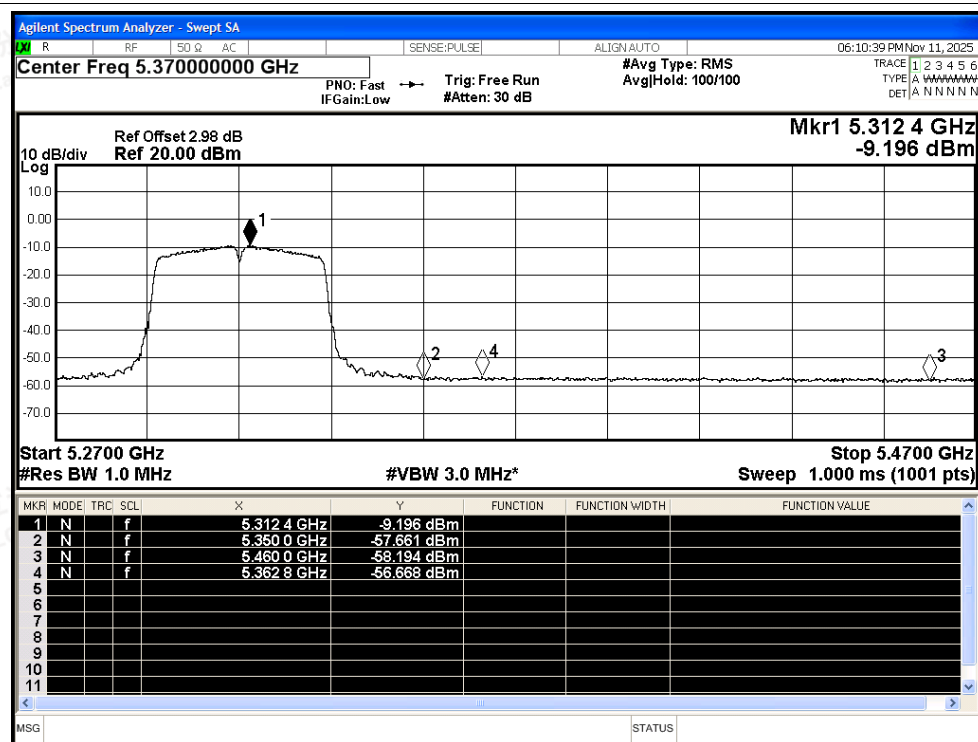
Scan code to check authenticity



Restrict Band NVNT n40 5310MHz Ant1 Peak



Restrict Band NVNT n40 5310MHz Ant1 Average



Shenzhen LCS Compliance Testing Laboratory Ltd.

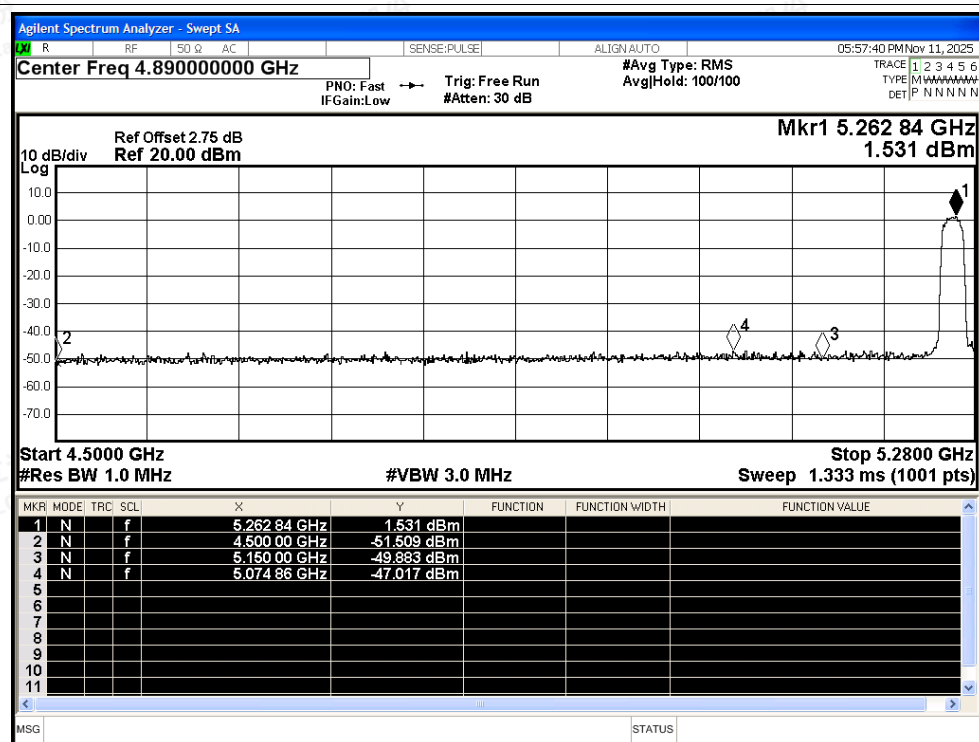
Add: 101, 201 Bldg A & 301 Bldg C, Juji Industrial Park Yabianxueziwei, Shajing Street, Baoan District, Shenzhen, 518000, China

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

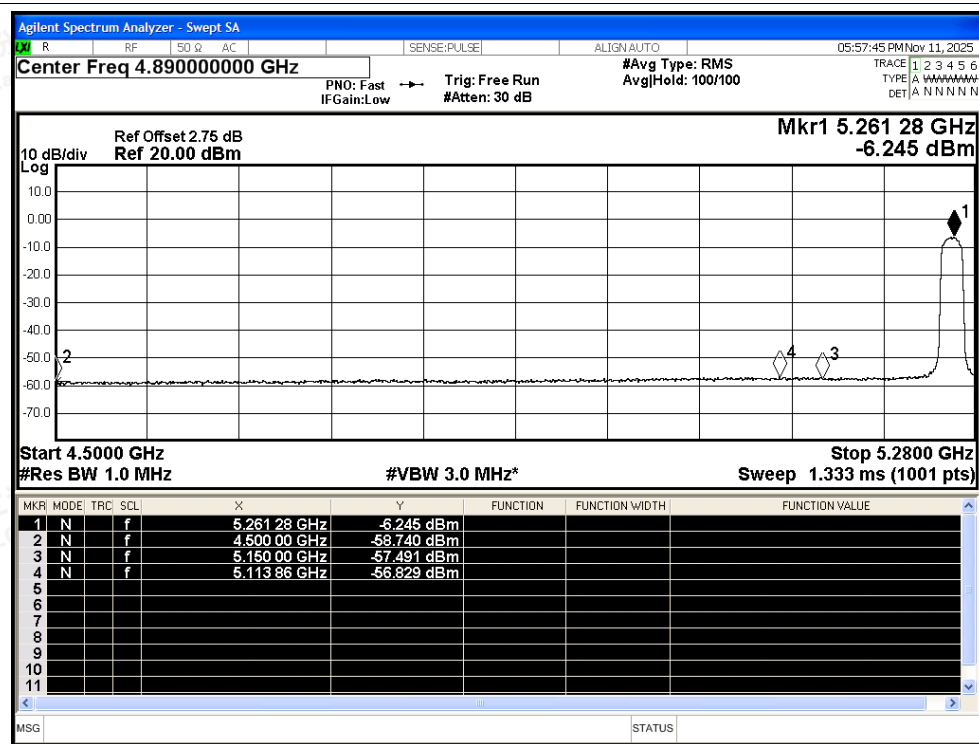
Scan code to check authenticity



Restrict Band NVNT ac20 5260MHz Ant1 Peak



Restrict Band NVNT ac20 5260MHz Ant1 Average



Shenzhen LCS Compliance Testing Laboratory Ltd.

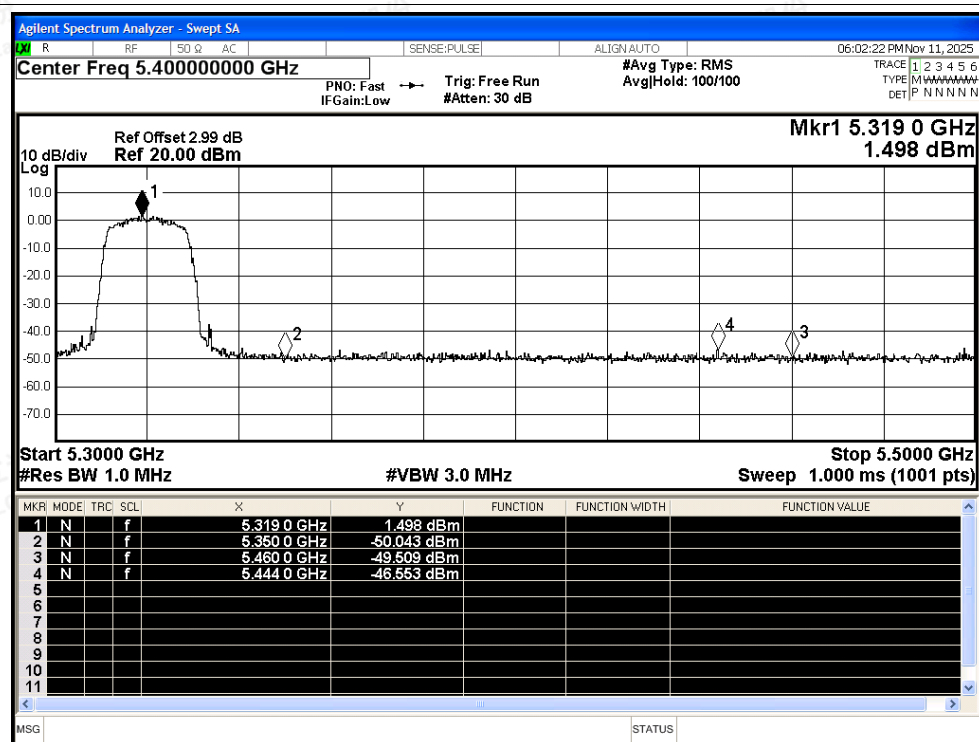
Add: 101, 201 Bldg A & 301 Bldg C, Juji Industrial Park Yabianxueziwei, Shajing Street, Baoan District, Shenzhen, 518000, China

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

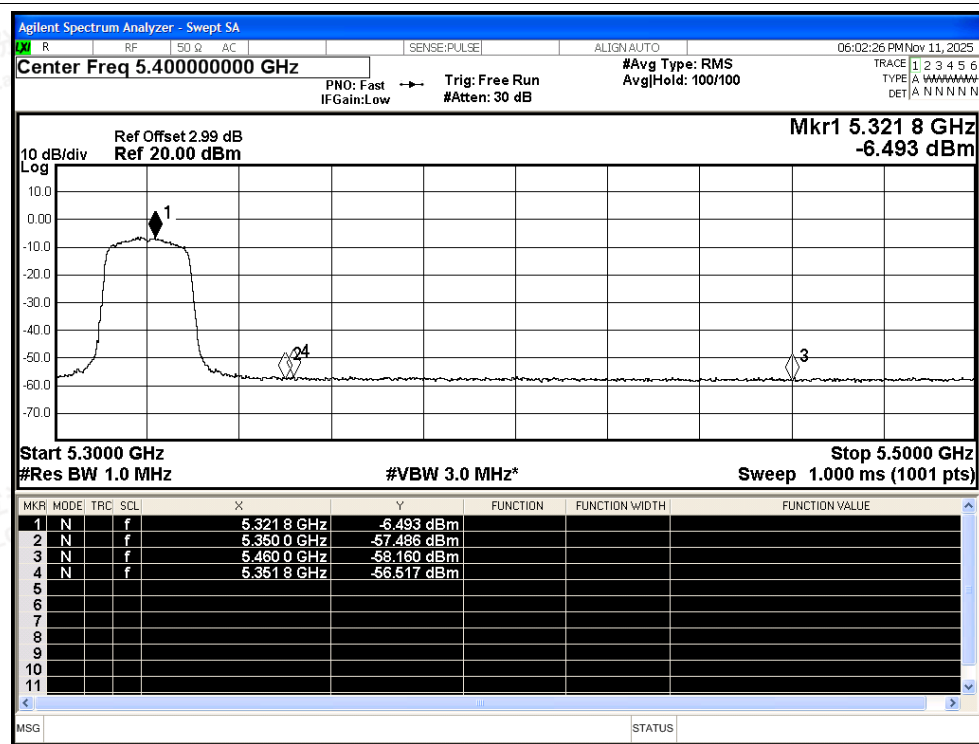
Scan code to check authenticity



Restrict Band NVNT ac20 5320MHz Ant1 Peak



Restrict Band NVNT ac20 5320MHz Ant1 Average



Shenzhen LCS Compliance Testing Laboratory Ltd.

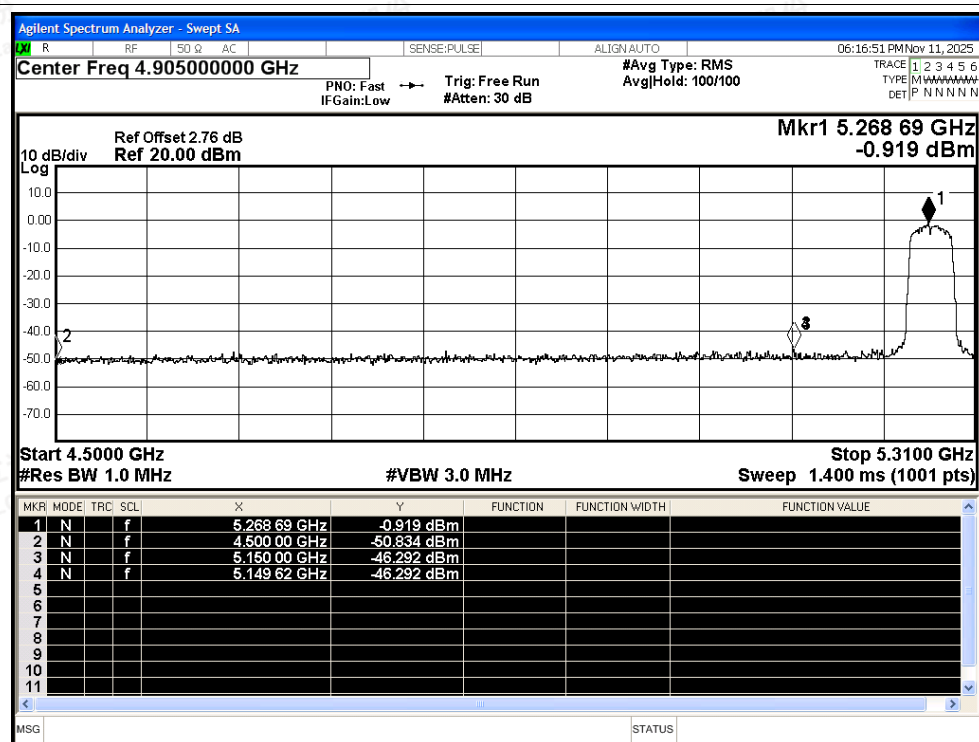
Add: 101, 201 Bldg A & 301 Bldg C, Juji Industrial Park Yabianxueziwei, Shajing Street, Baoan District, Shenzhen, 518000, China

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

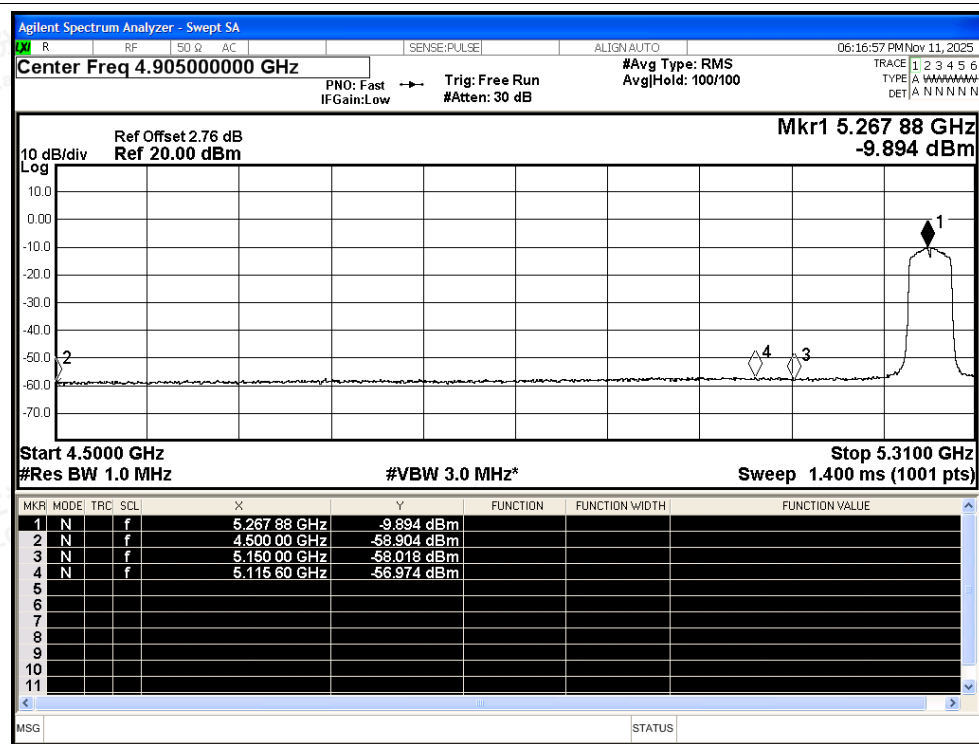
Scan code to check authenticity



Restrict Band NVNT ac40 5270MHz Ant1 Peak



Restrict Band NVNT ac40 5270MHz Ant1 Average



Shenzhen LCS Compliance Testing Laboratory Ltd.

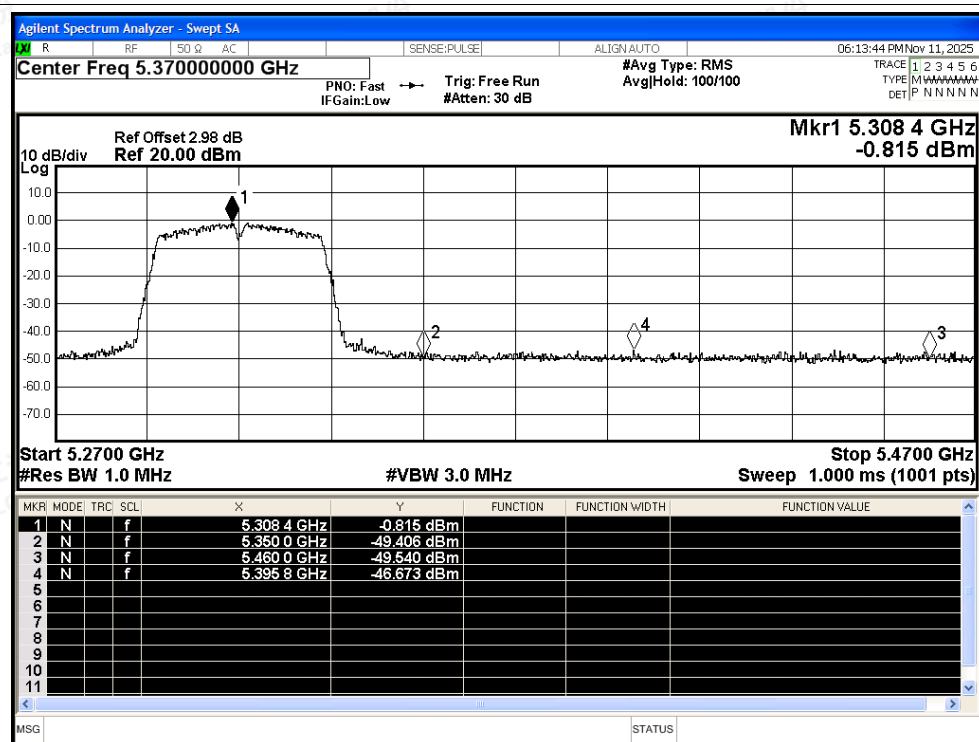
Add: 101, 201 Bldg A & 301 Bldg C, Juji Industrial Park Yabianxueziwei, Shajing Street, Baoan District, Shenzhen, 518000, China

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

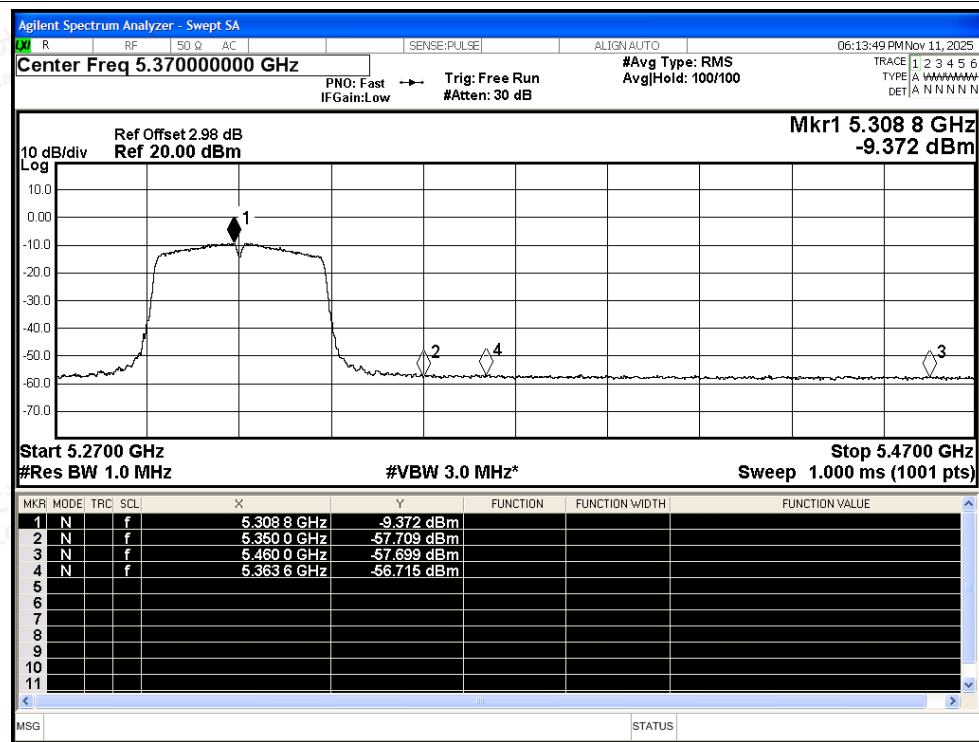
Scan code to check authenticity



Restrict Band NVNT ac40 5310MHz Ant1 Peak



Restrict Band NVNT ac40 5310MHz Ant1 Average



Shenzhen LCS Compliance Testing Laboratory Ltd.

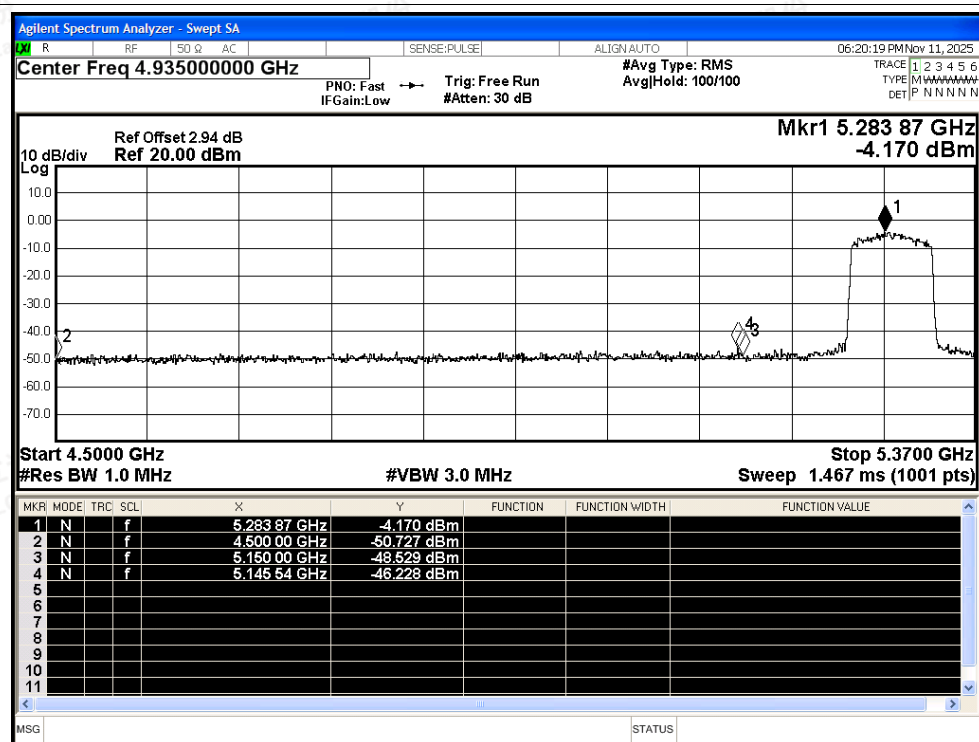
Add: 101, 201 Bldg A & 301 Bldg C, Juji Industrial Park Yabianxueziwei, Shajing Street, Baoan District, Shenzhen, 518000, China

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

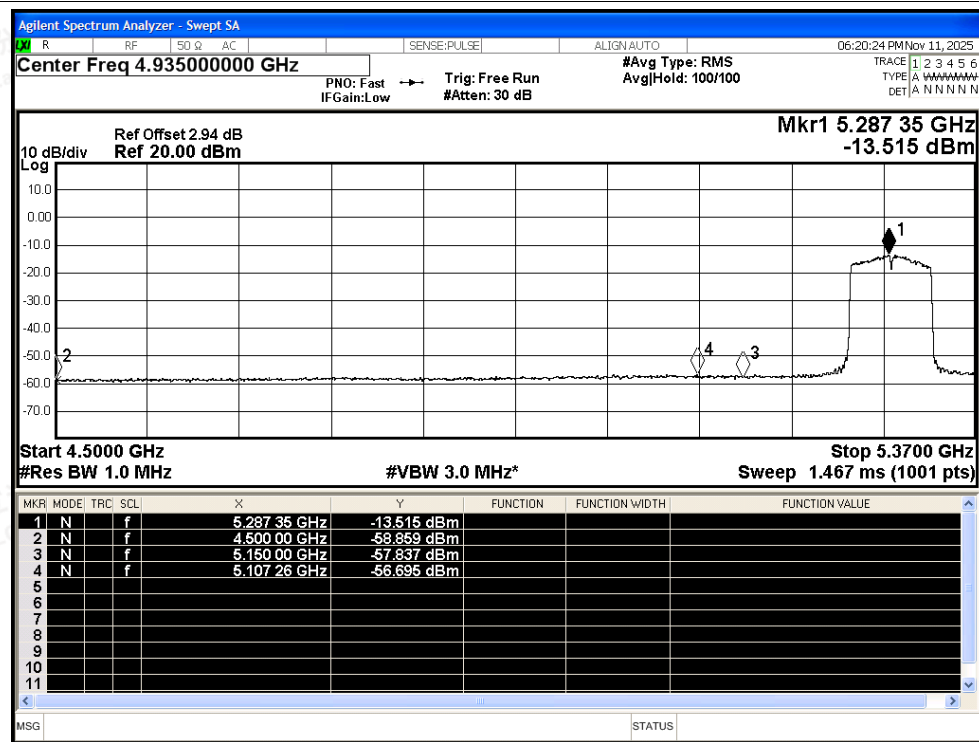
Scan code to check authenticity



Restrict Band NVNT ac80 5290MHz Ant1 Peak



Restrict Band NVNT ac80 5290MHz Ant1 Average



Shenzhen LCS Compliance Testing Laboratory Ltd.

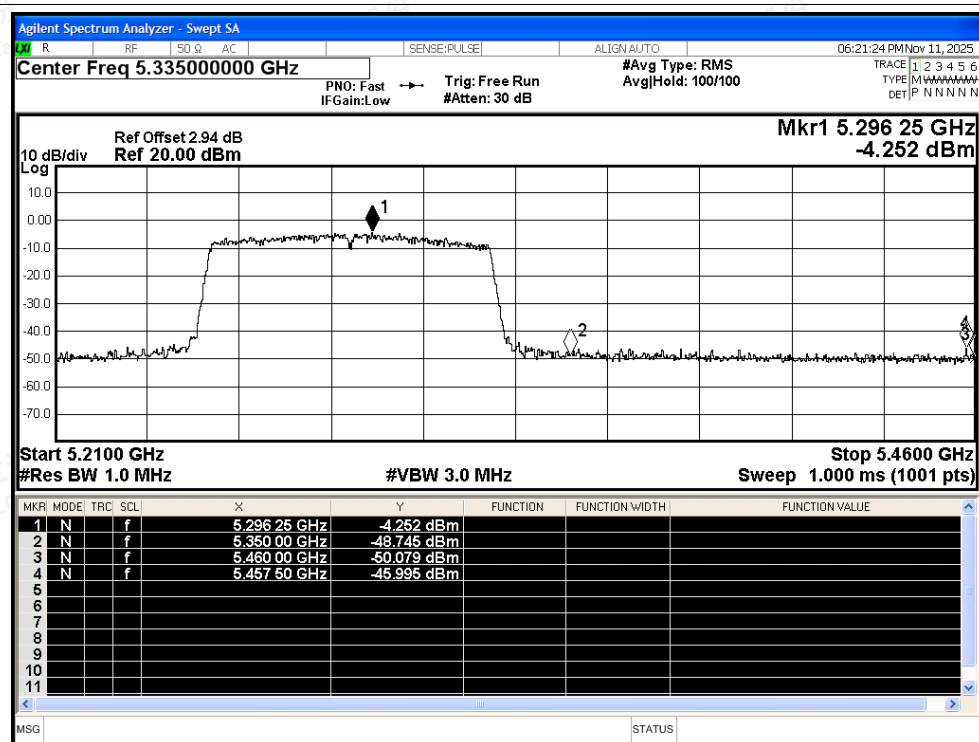
Add: 101, 201 Bldg A & 301 Bldg C, Juji Industrial Park Yabianxueziwei, Shajing Street, Baoan District, Shenzhen, 518000, China

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

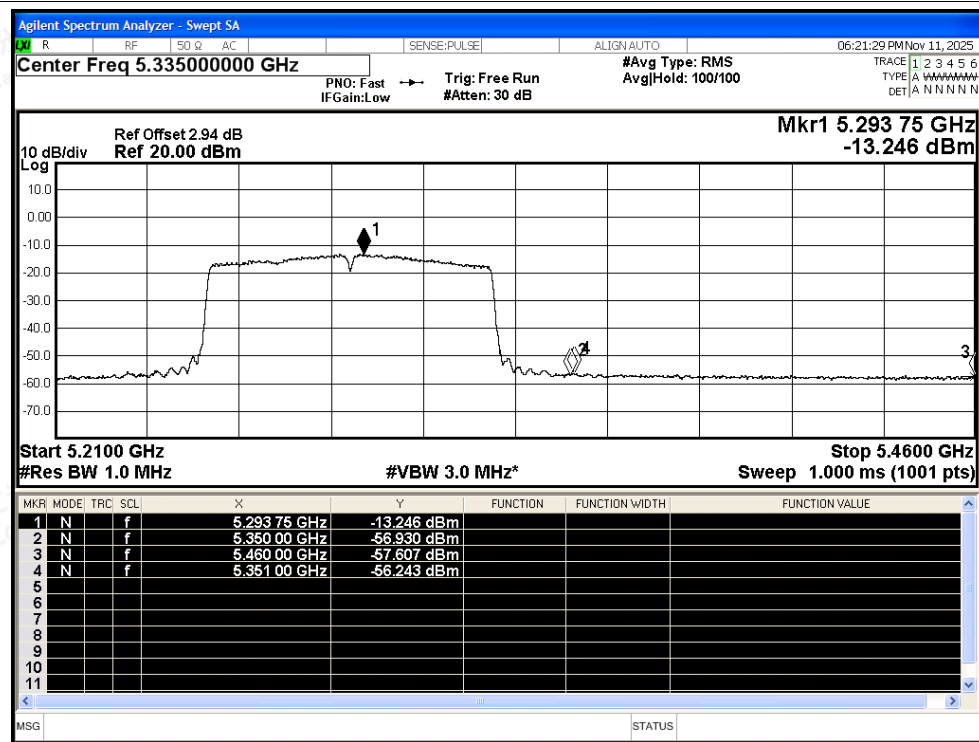
Scan code to check authenticity



Restrict Band NVNT ac80 5290MHz Ant1 Peak



Restrict Band NVNT ac80 5290MHz 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



E.5 Frequency Stability

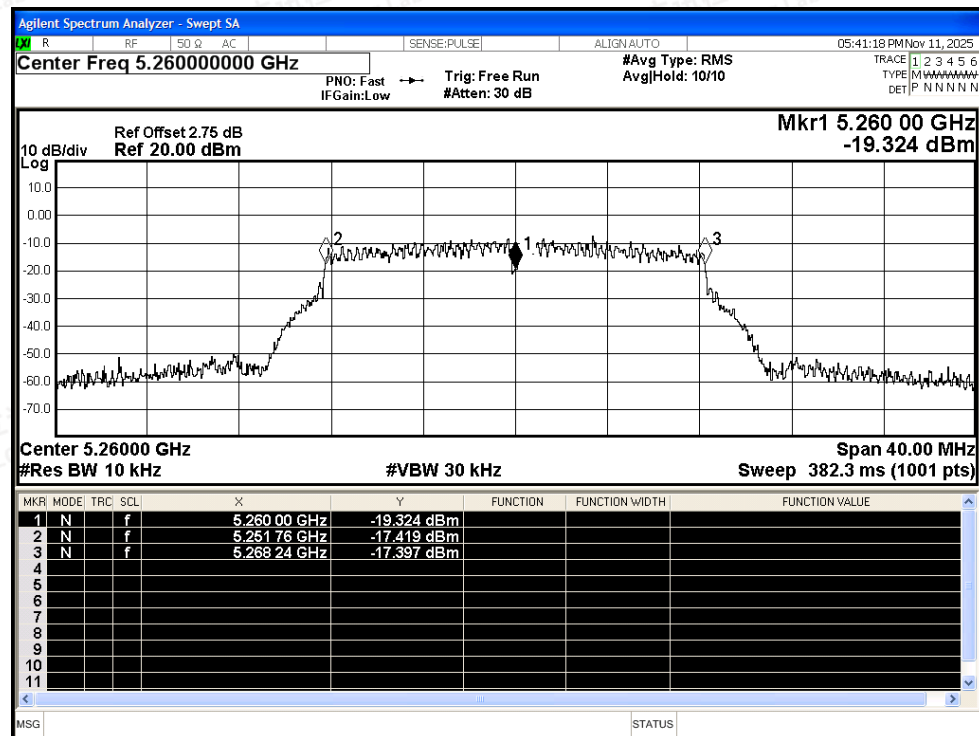
Condition	Mode	Frequency (MHz)	Antenna	Measured Frequency (MHz)	Frequency Error (Hz)	Deviation (ppm)	Limit (ppm)	Verdict
NVNT	a	5260	Ant1	5260	0	0	25	Pass
NVNT	a	5300	Ant1	5300	0	0	25	Pass
NVNT	a	5320	Ant1	5319.98	-20000	-3.76	25	Pass
NVNT	n20	5260	Ant1	5259.98	-20000	-3.8	25	Pass
NVNT	n20	5300	Ant1	5300	0	0	25	Pass
NVNT	n20	5320	Ant1	5320	0	0	25	Pass
NVNT	n40	5270	Ant1	5270	0	0	25	Pass
NVNT	n40	5310	Ant1	5309.96	-40000	-7.53	25	Pass
NVNT	ac20	5260	Ant1	5260.02	20000	3.8	25	Pass
NVNT	ac20	5300	Ant1	5300.04	40000	7.55	25	Pass
NVNT	ac20	5320	Ant1	5320.02	20000	3.76	25	Pass
NVNT	ac40	5270	Ant1	5270	0	0	25	Pass
NVNT	ac40	5310	Ant1	5309.96	-40000	-7.53	25	Pass
NVNT	ac80	5290	Ant1	5290	0	0	25	Pass



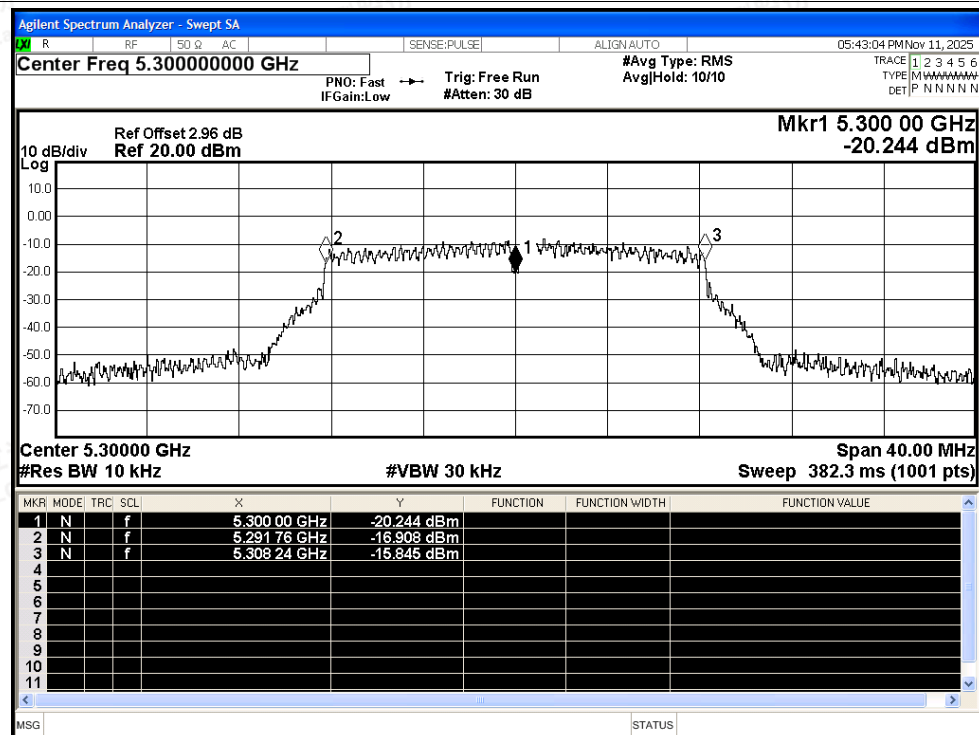


Test Graphs

Freq. Stability NVNT a 5260MHz Ant1



Freq. Stability NVNT a 5300MHz Ant1



Shenzhen LCS Compliance Testing Laboratory Ltd.

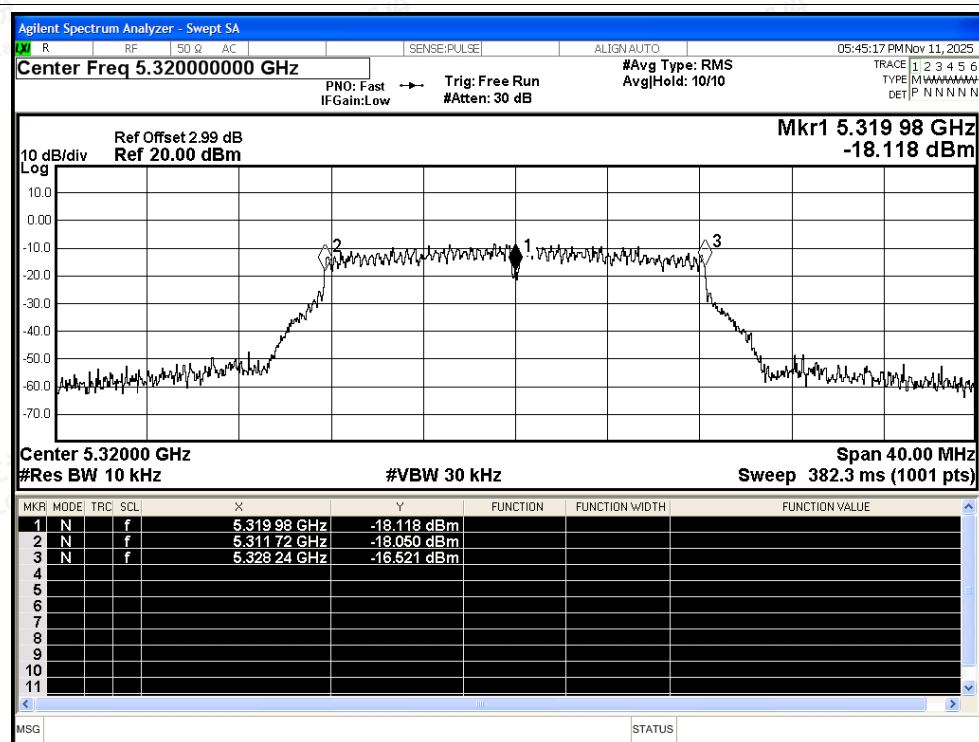
Add: 101, 201 Bldg A & 301 Bldg C, Juji Industrial Park Yabianxueziwei, Shajing Street, Baoan District, Shenzhen, 518000, China

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

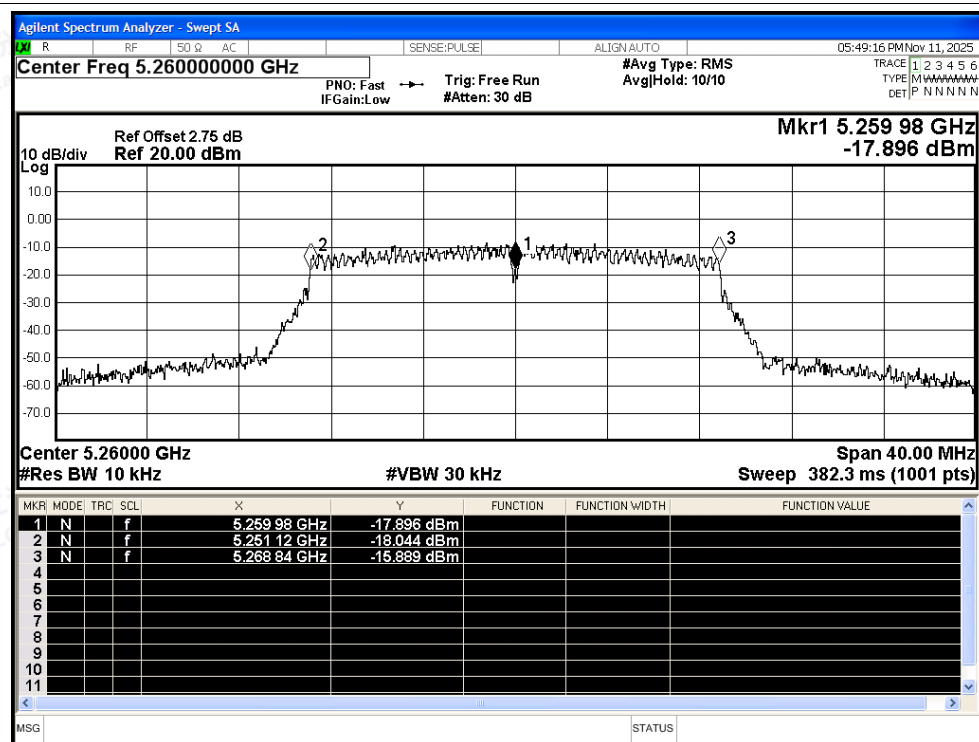
Scan code to check authenticity



Freq. Stability NVNT a 5320MHz Ant1



Freq. Stability NVNT n20 5260MHz Ant1



Shenzhen LCS Compliance Testing Laboratory Ltd.

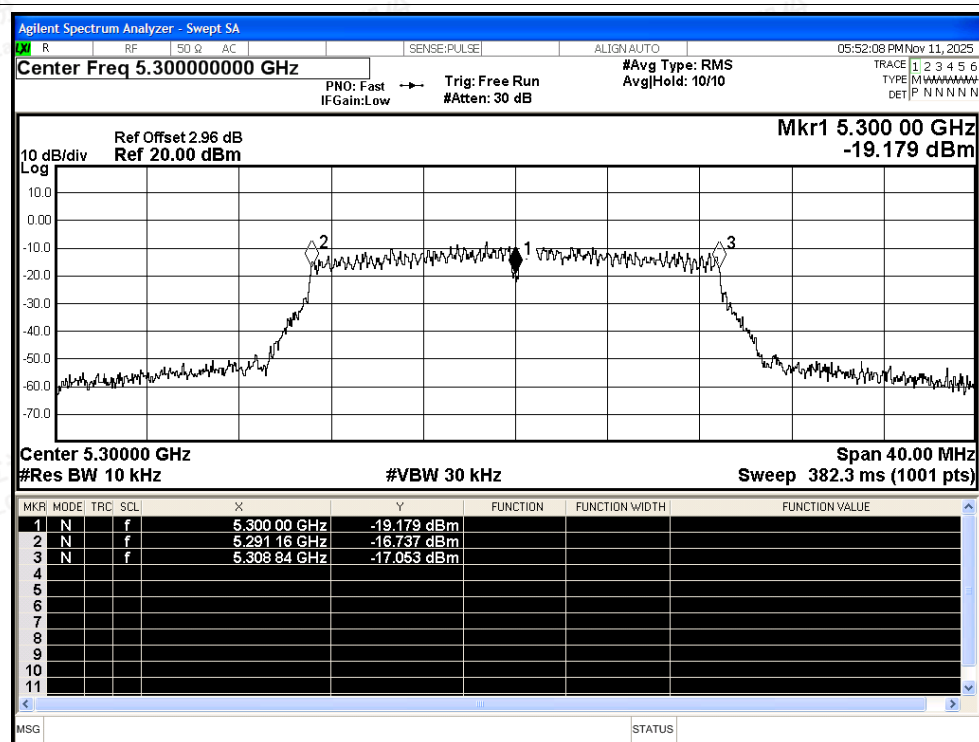
Add: 101, 201 Bldg A & 301 Bldg C, Juji Industrial Park Yabianxueziwei, Shajing Street, Baoan District, Shenzhen, 518000, China

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

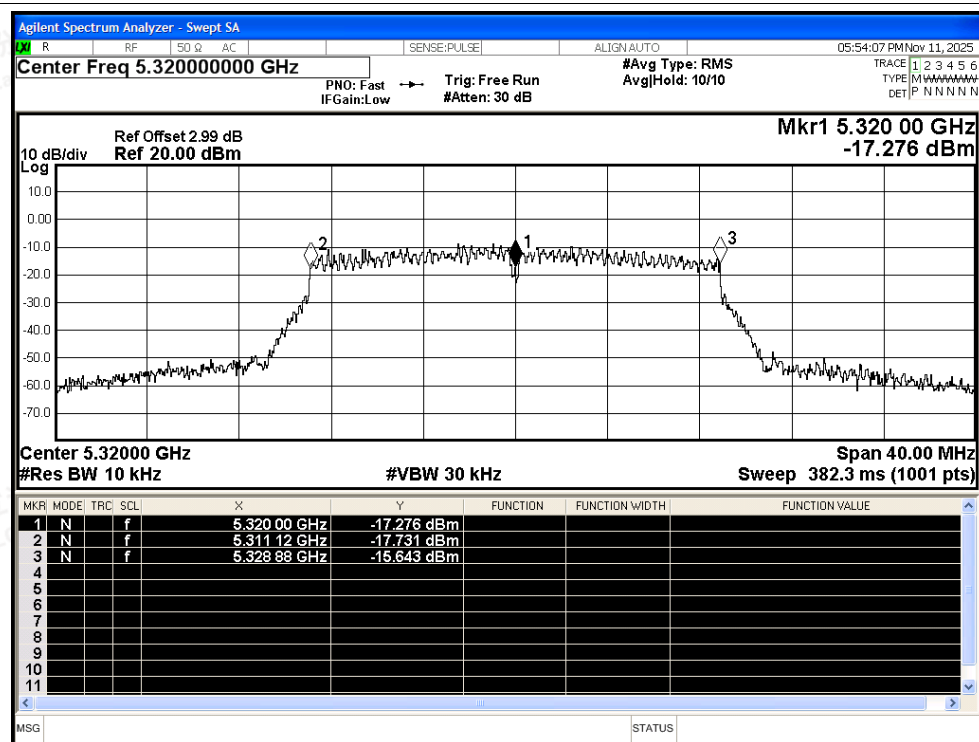
Scan code to check authenticity



Freq. Stability NVNT n20 5300MHz Ant1



Freq. Stability NVNT n20 5320MHz Ant1



Shenzhen LCS Compliance Testing Laboratory Ltd.

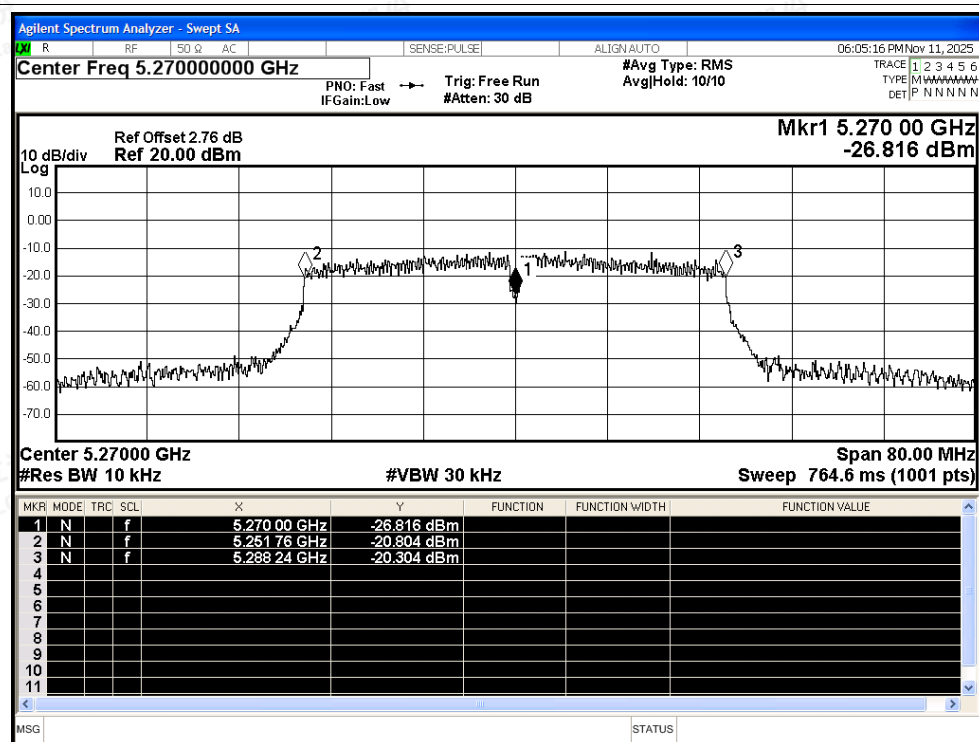
Add: 101, 201 Bldg A & 301 Bldg C, Juji Industrial Park Yabianxueziwei, Shajing Street, Baoan District, Shenzhen, 518000, China

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

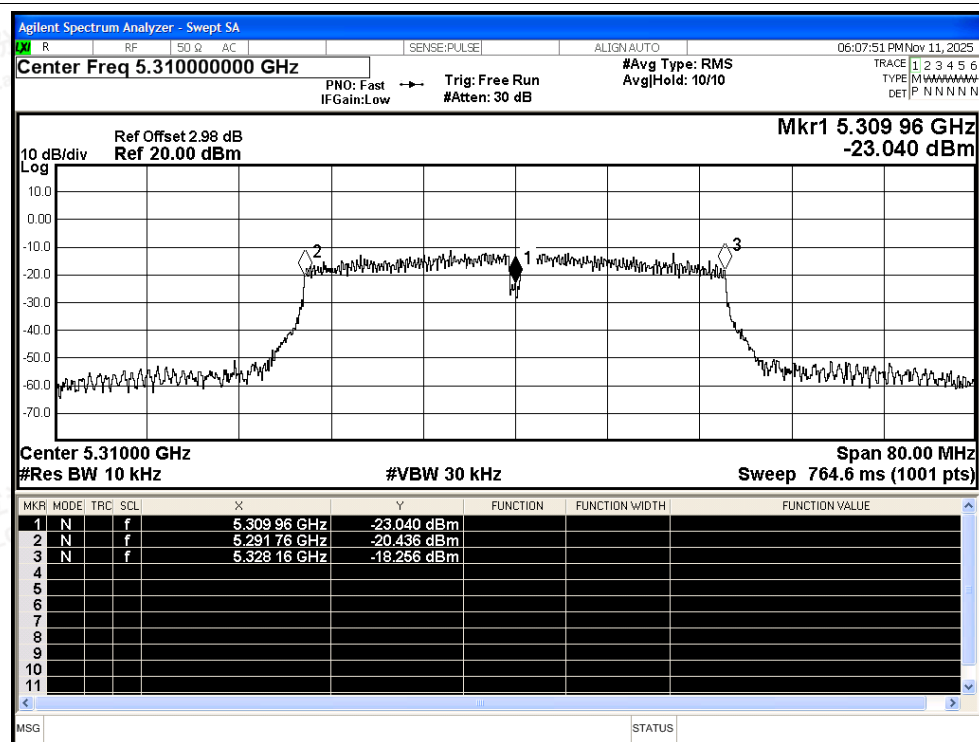
Scan code to check authenticity



Freq. Stability NVNT n40 5270MHz Ant1



Freq. Stability NVNT n40 5310MHz Ant1



Shenzhen LCS Compliance Testing Laboratory Ltd.

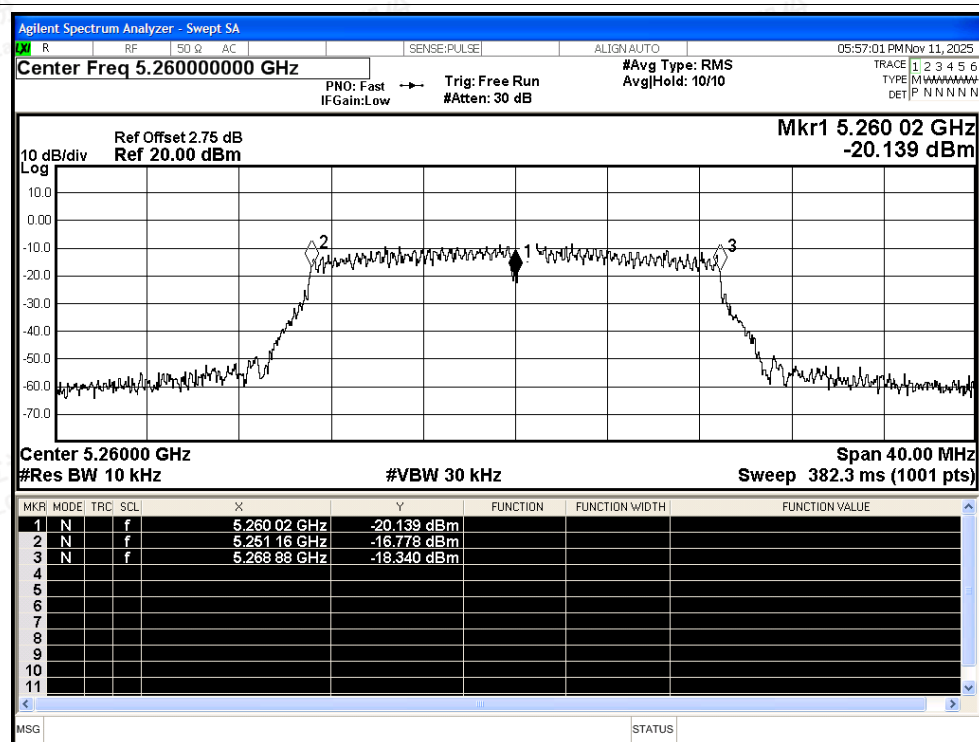
Add: 101, 201 Bldg A & 301 Bldg C, Juji Industrial Park Yabianxueziwei, Shajing Street, Baoan District, Shenzhen, 518000, China

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

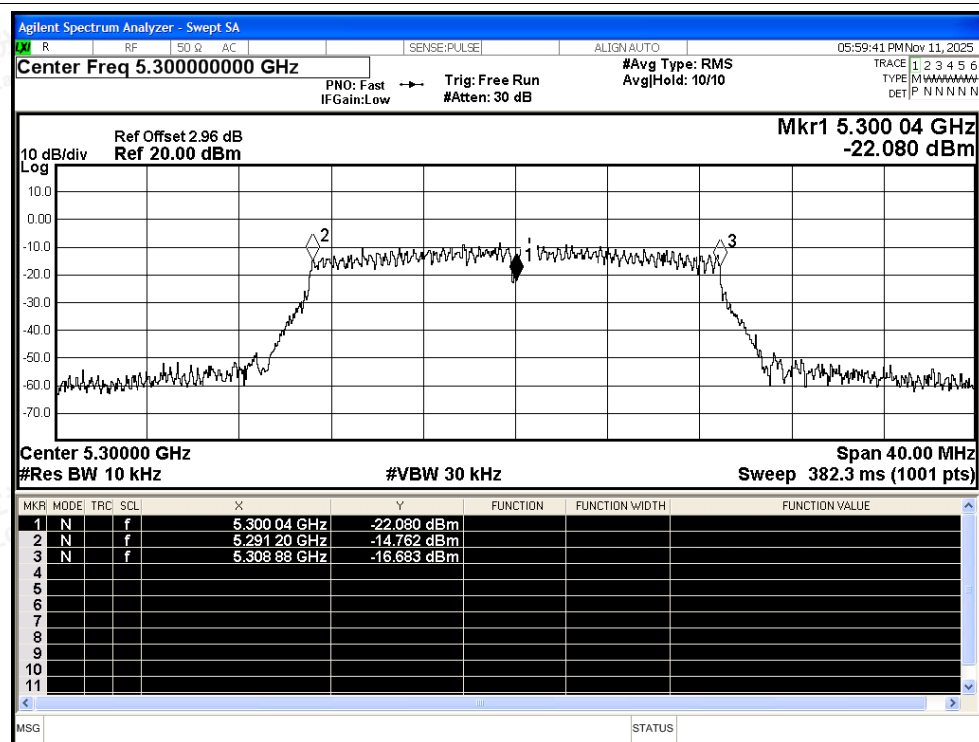
Scan code to check authenticity



Freq. Stability NVNT ac20 5260MHz Ant1



Freq. Stability NVNT ac20 5300MHz Ant1



Shenzhen LCS Compliance Testing Laboratory Ltd.

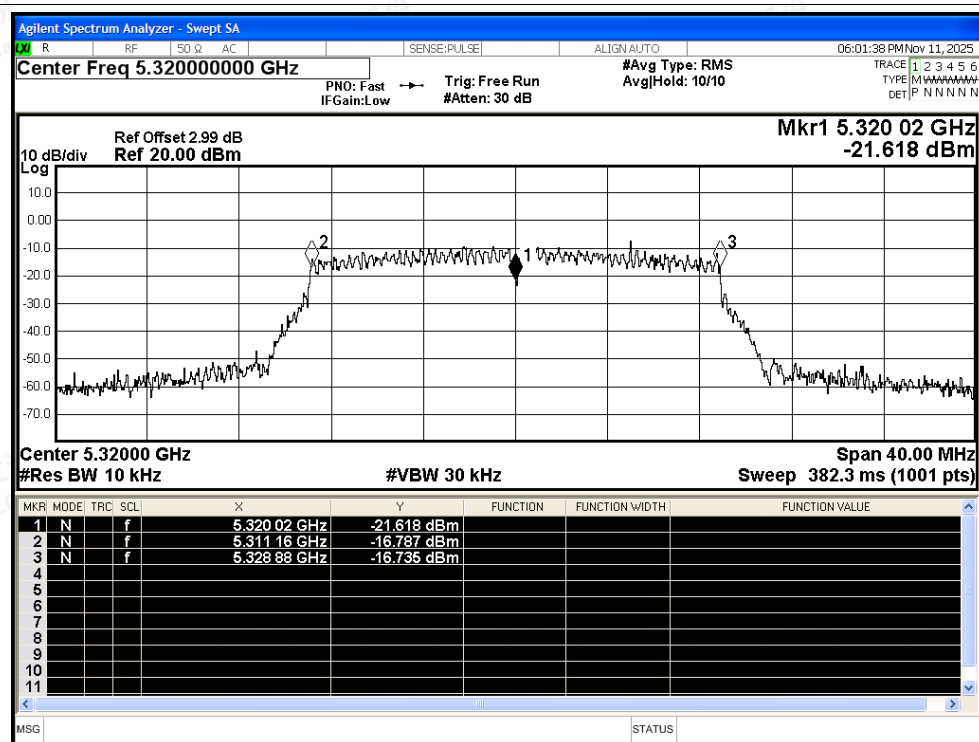
Add: 101, 201 Bldg A & 301 Bldg C, Juji Industrial Park Yabianxueziwei, Shajing Street, Baoan District, Shenzhen, 518000, China

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

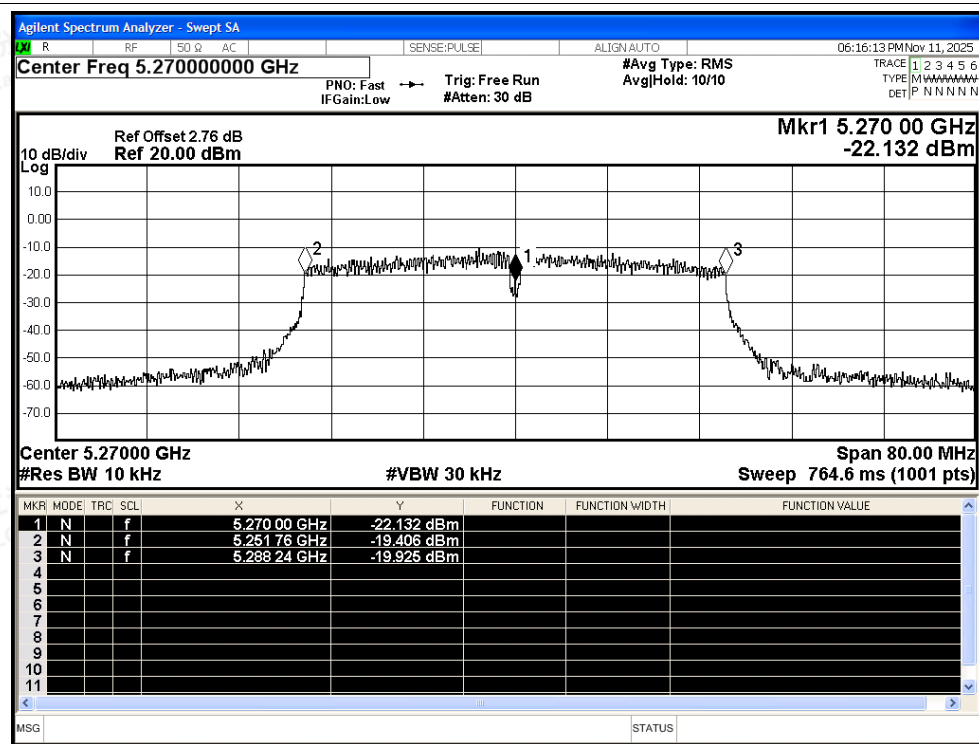
Scan code to check authenticity



Freq. Stability NVNT ac20 5320MHz Ant1



Freq. Stability NVNT ac40 5270MHz Ant1



Shenzhen LCS Compliance Testing Laboratory Ltd.

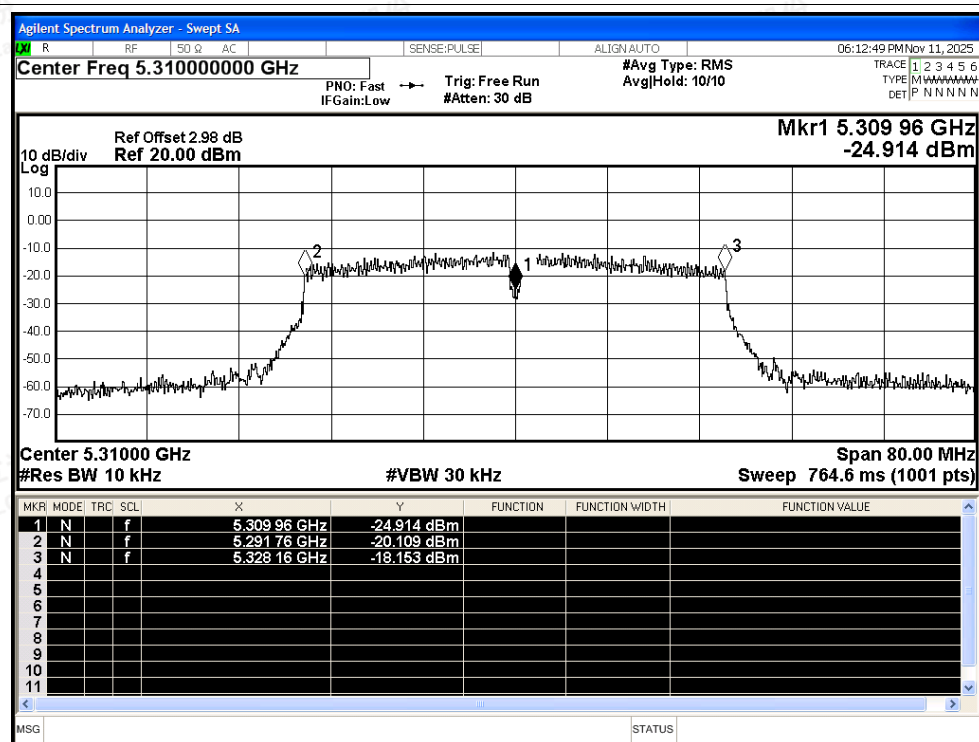
Add: 101, 201 Bldg A & 301 Bldg C, Juji Industrial Park Yabianxueziwei, Shajing Street, Baoan District, Shenzhen, 518000, China

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

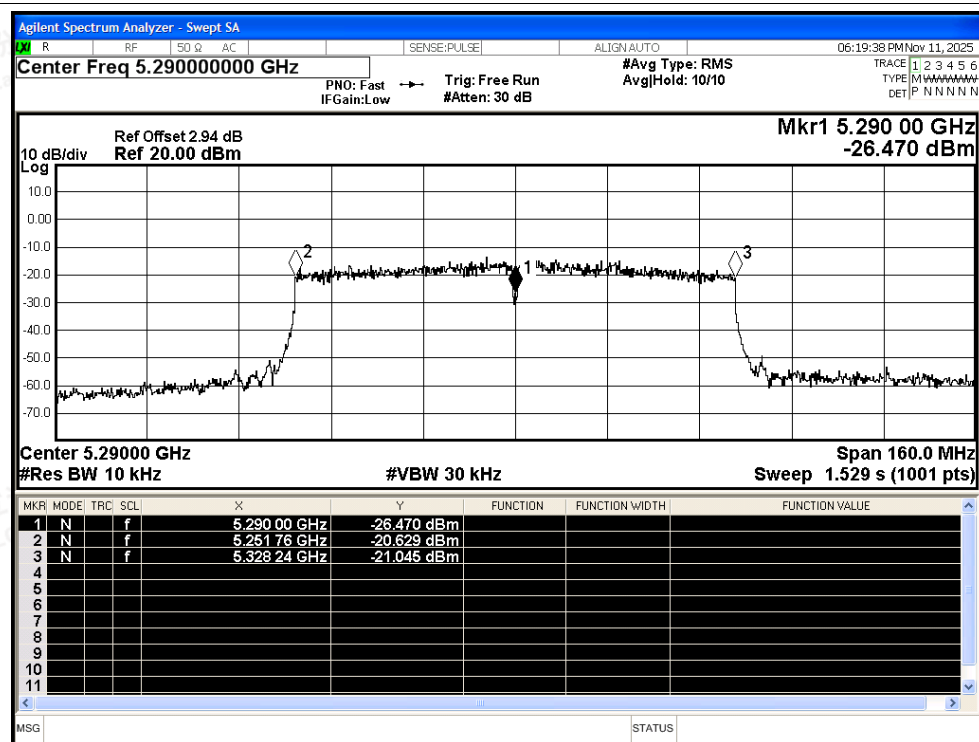
Scan code to check authenticity



Freq. Stability NVNT ac40 5310MHz Ant1



Freq. Stability NVNT ac80 5290MHz 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



E.6 Duty Cycle

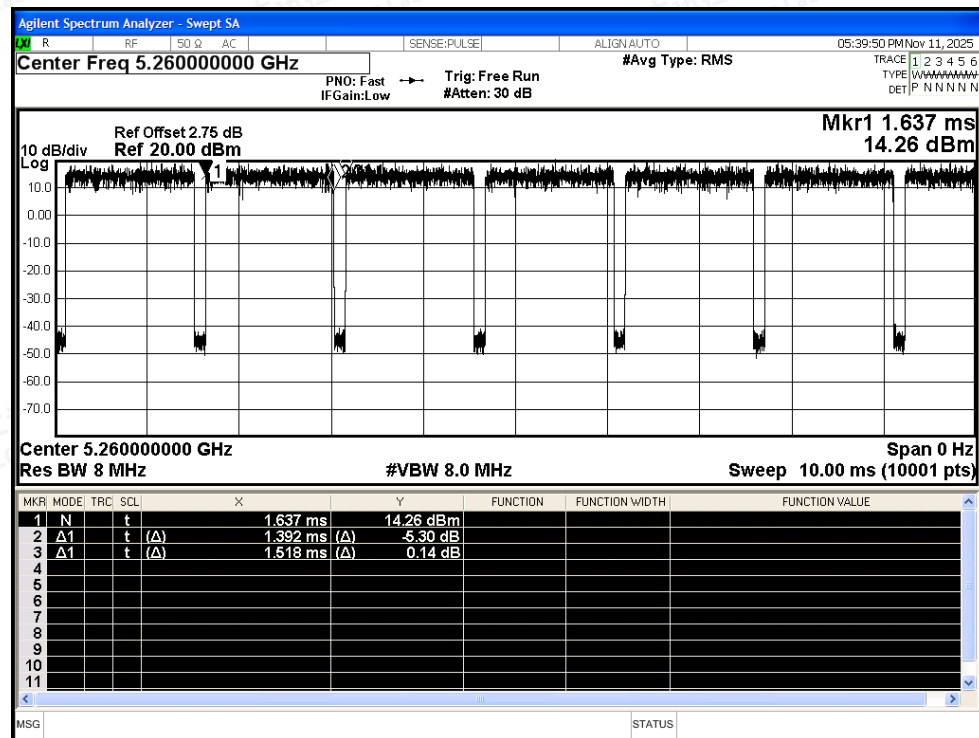
Condition	Mode	Frequency (MHz)	Antenna	Duty Cycle (%)	Correction Factor (dB)	1/T (kHz)
NVNT	a	5260	Ant1	91.7	0.38	0.72
NVNT	a	5300	Ant1	91.77	0.37	0.72
NVNT	a	5320	Ant1	91.7	0.38	0.72
NVNT	n20	5260	Ant1	91.16	0.4	0.77
NVNT	n20	5300	Ant1	91.23	0.4	0.77
NVNT	n20	5320	Ant1	91.23	0.4	0.77
NVNT	n40	5270	Ant1	84.09	0.75	1.54
NVNT	n40	5310	Ant1	83.96	0.76	1.54
NVNT	ac20	5260	Ant1	91.31	0.39	0.76
NVNT	ac20	5300	Ant1	91.31	0.39	0.76
NVNT	ac20	5320	Ant1	91.31	0.39	0.76
NVNT	ac40	5270	Ant1	84.04	0.76	1.53
NVNT	ac40	5310	Ant1	84.04	0.76	1.53
NVNT	ac80	5290	Ant1	72.32	1.41	3.09



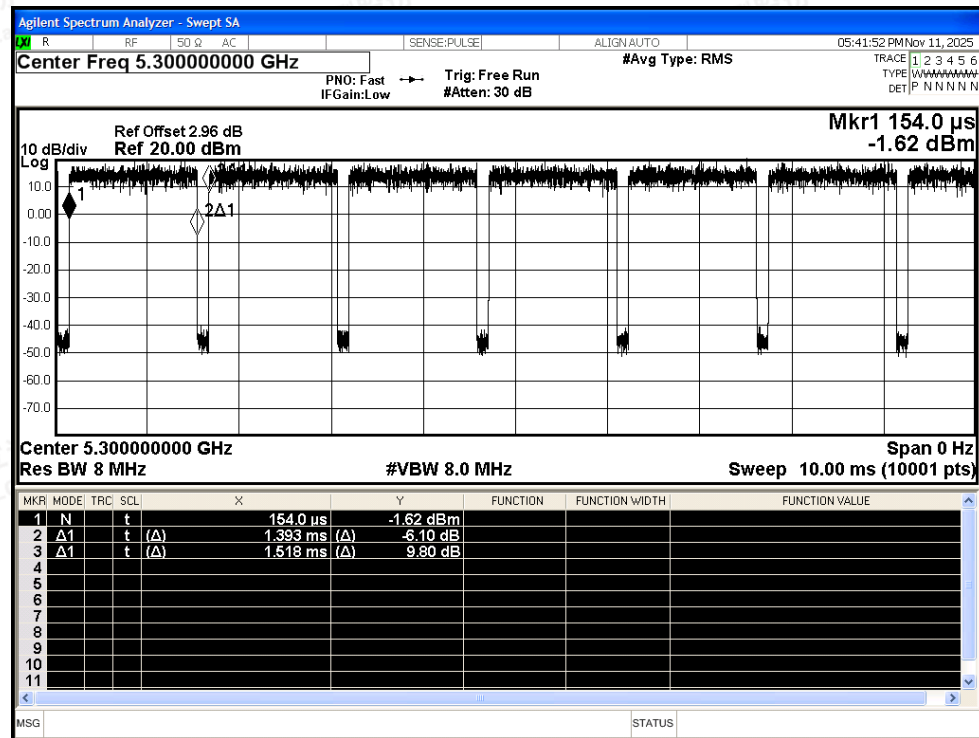


Test Graphs

Duty Cycle NVNT a 5260MHz Ant1



Duty Cycle NVNT a 5300MHz Ant1



Shenzhen LCS Compliance Testing Laboratory Ltd.

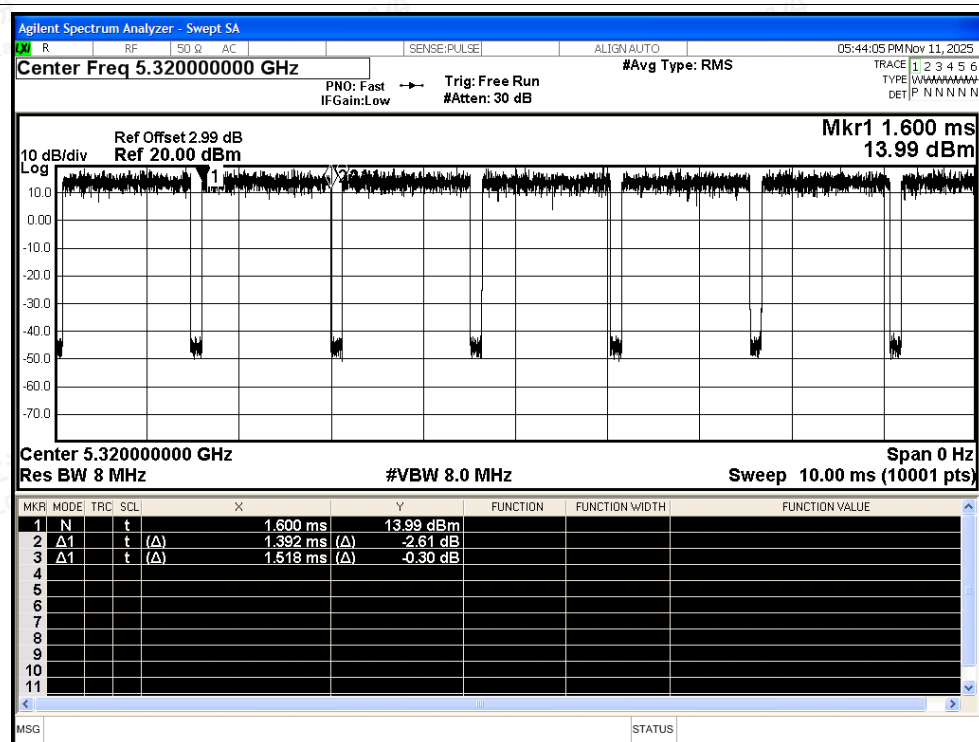
Add: 101, 201 Bldg A & 301 Bldg C, Juji Industrial Park Yabianxueziwei, Shajing Street, Baoan District, Shenzhen, 518000, China

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

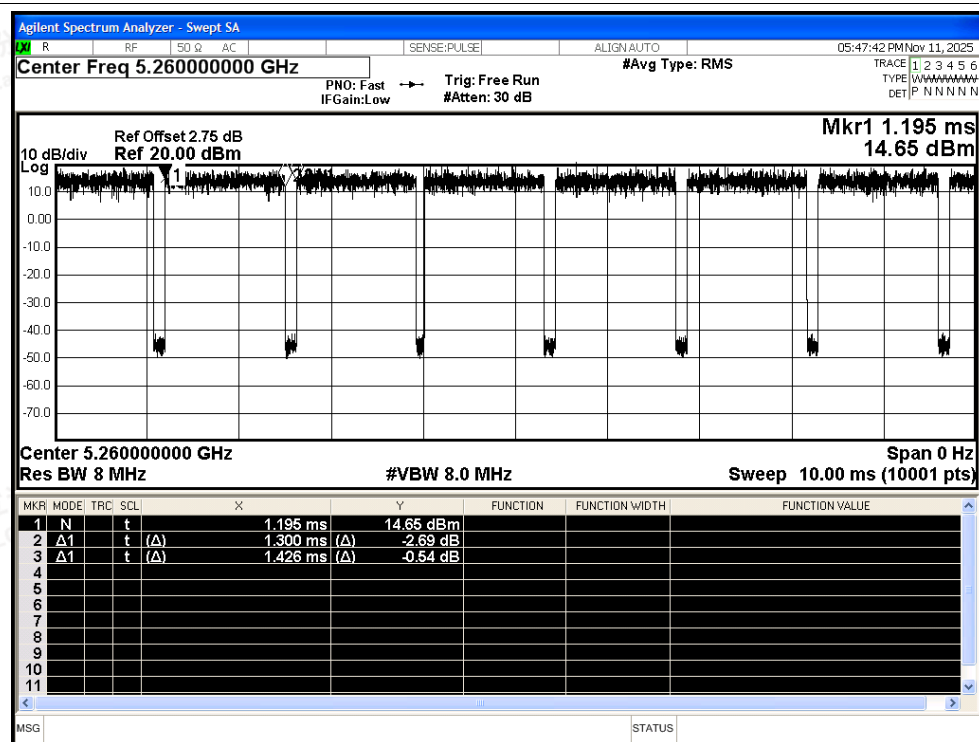
Scan code to check authenticity



Duty Cycle NVNT a 5320MHz Ant1



Duty Cycle NVNT n20 5260MHz Ant1



Shenzhen LCS Compliance Testing Laboratory Ltd.

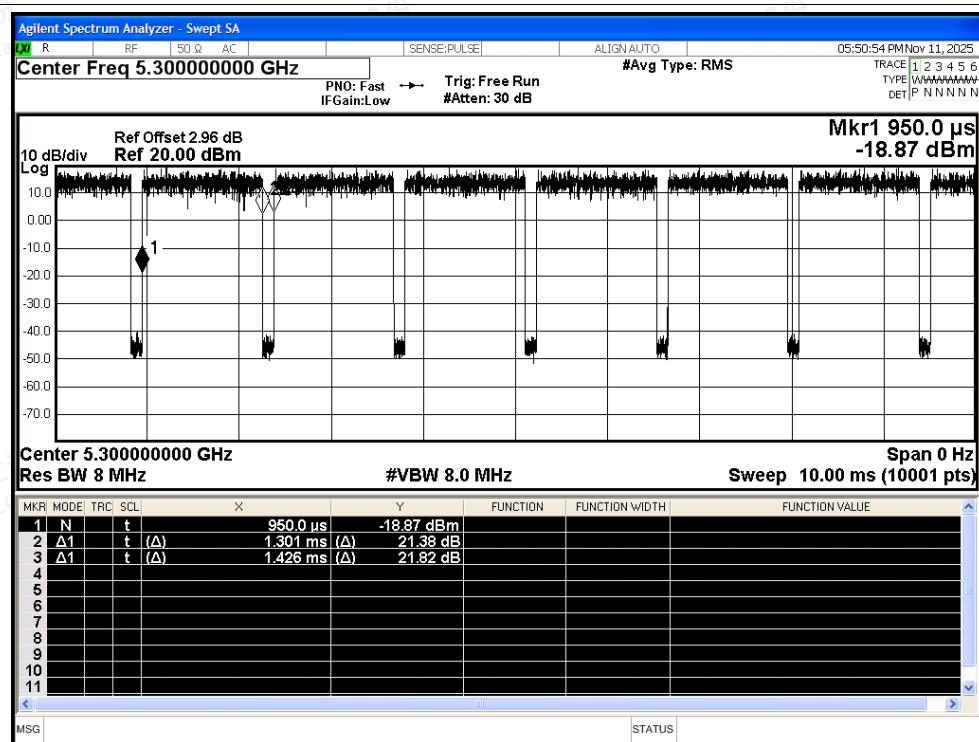
Add: 101, 201 Bldg A & 301 Bldg C, Juji Industrial Park Yabianxueziwei, Shajing Street, Baoan District, Shenzhen, 518000, China

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

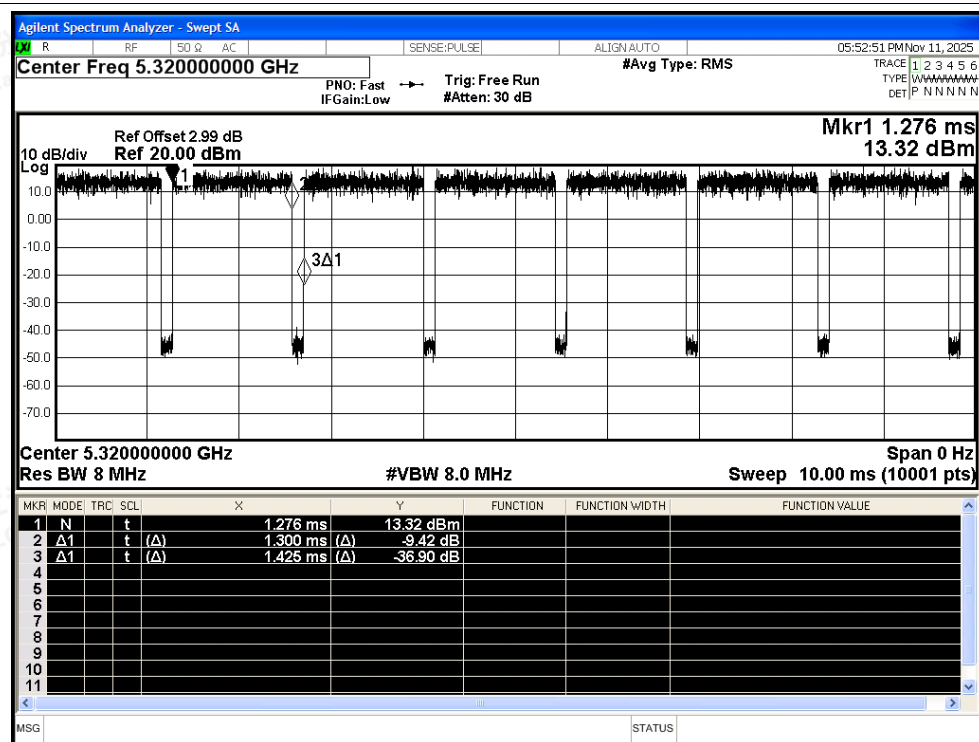
Scan code to check authenticity



Duty Cycle NVNT n20 5300MHz Ant1



Duty Cycle NVNT n20 5320MHz Ant1



Shenzhen LCS Compliance Testing Laboratory Ltd.

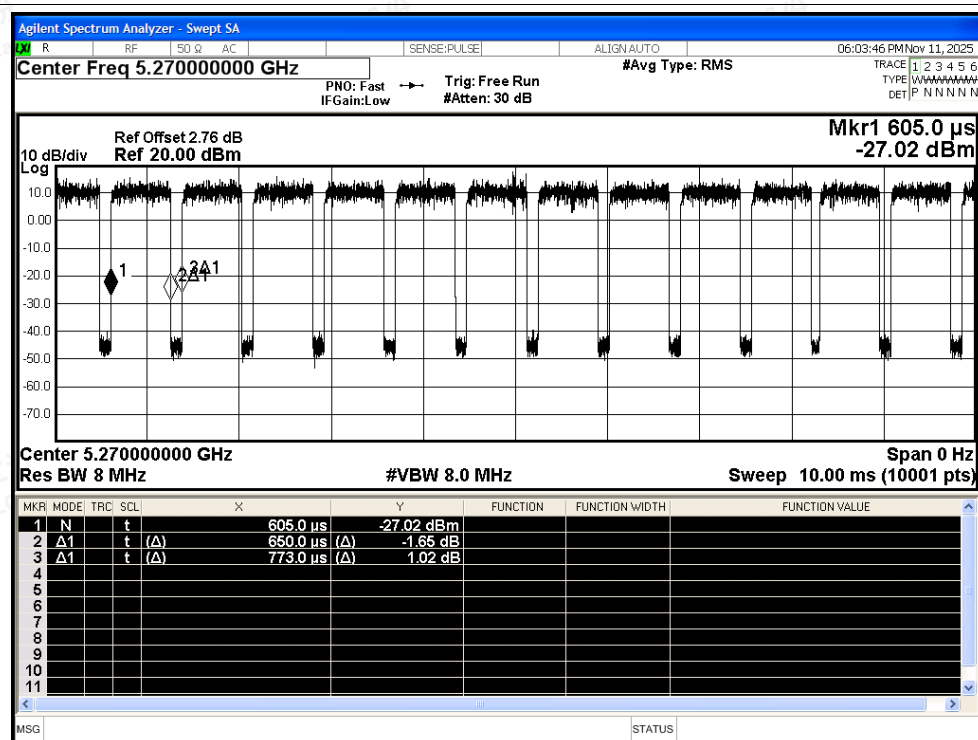
Add: 101, 201 Bldg A & 301 Bldg C, Juji Industrial Park Yabianxueziwei, Shajing Street, Baoan District, Shenzhen, 518000, China

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

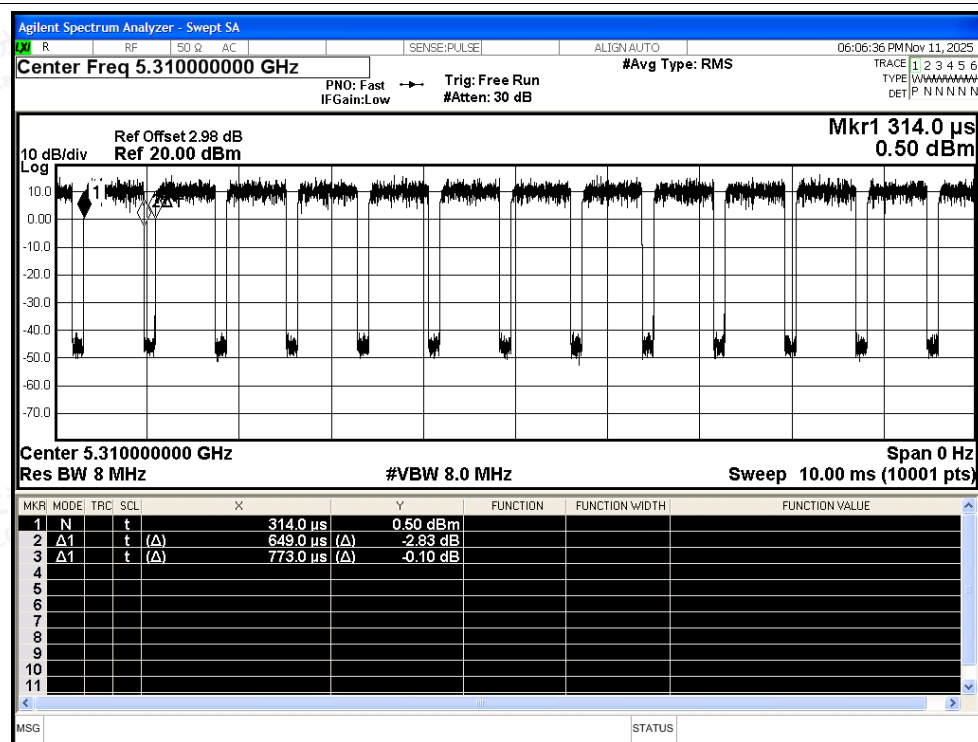
Scan code to check authenticity



Duty Cycle NVNT n40 5270MHz Ant1



Duty Cycle NVNT n40 5310MHz Ant1



Shenzhen LCS Compliance Testing Laboratory Ltd.

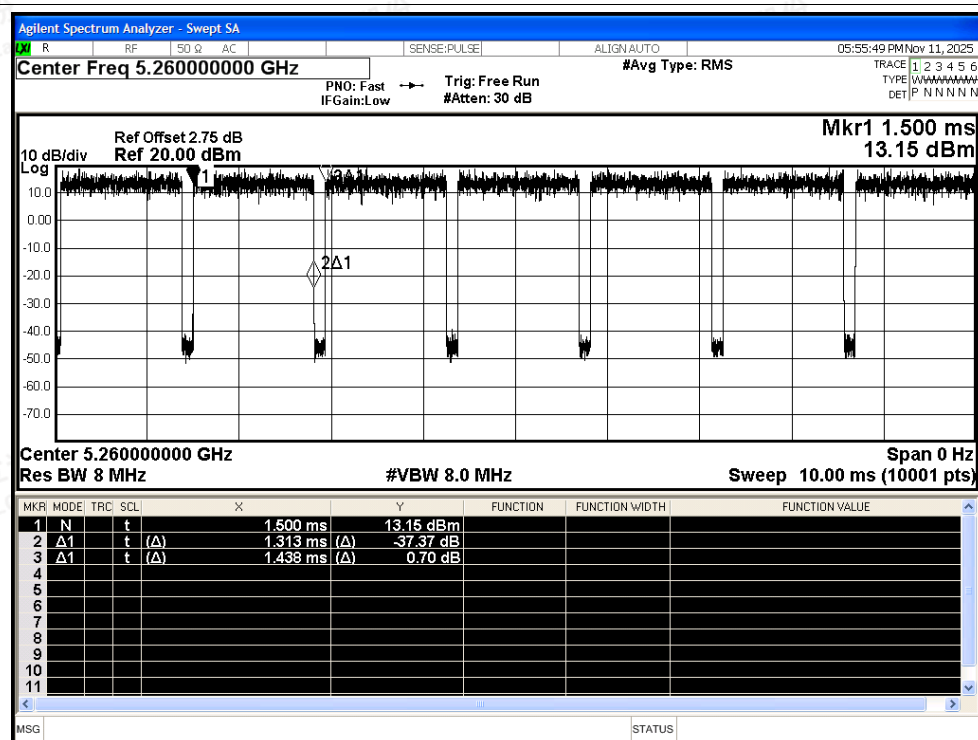
Add: 101, 201 Bldg A & 301 Bldg C, Juji Industrial Park Yabianxueziwei, Shajing Street, Baoan District, Shenzhen, 518000, China

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

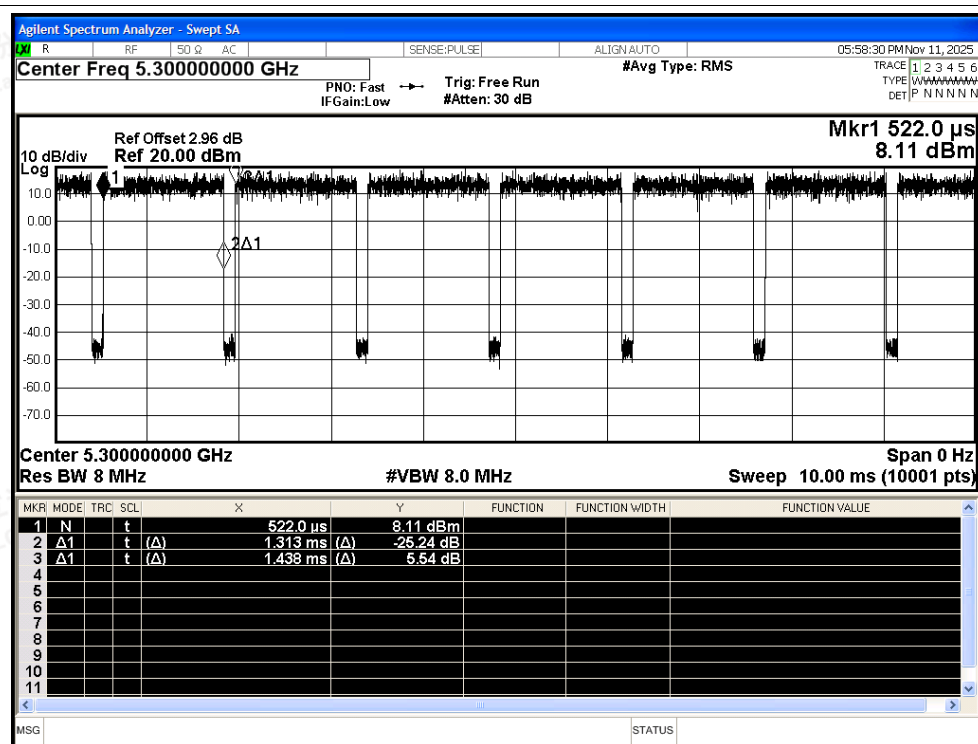
Scan code to check authenticity



Duty Cycle NVNT ac20 5260MHz Ant1



Duty Cycle NVNT ac20 5300MHz Ant1



Shenzhen LCS Compliance Testing Laboratory Ltd.

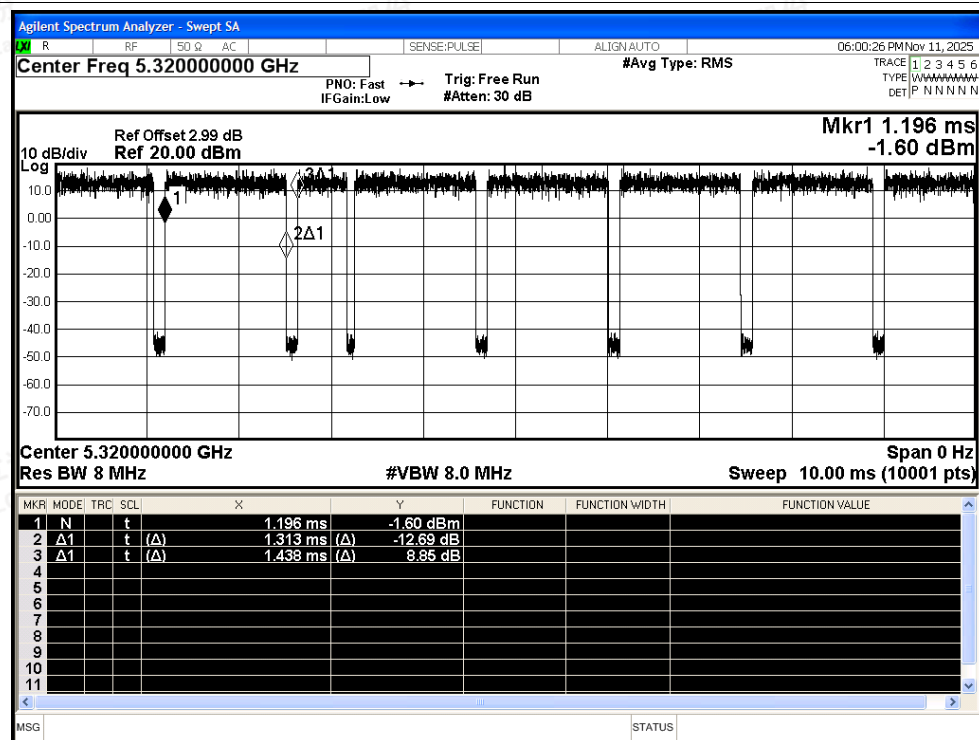
Add: 101, 201 Bldg A & 301 Bldg C, Juji Industrial Park Yabianxueziwei, Shajing Street, Baoan District, Shenzhen, 518000, China

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

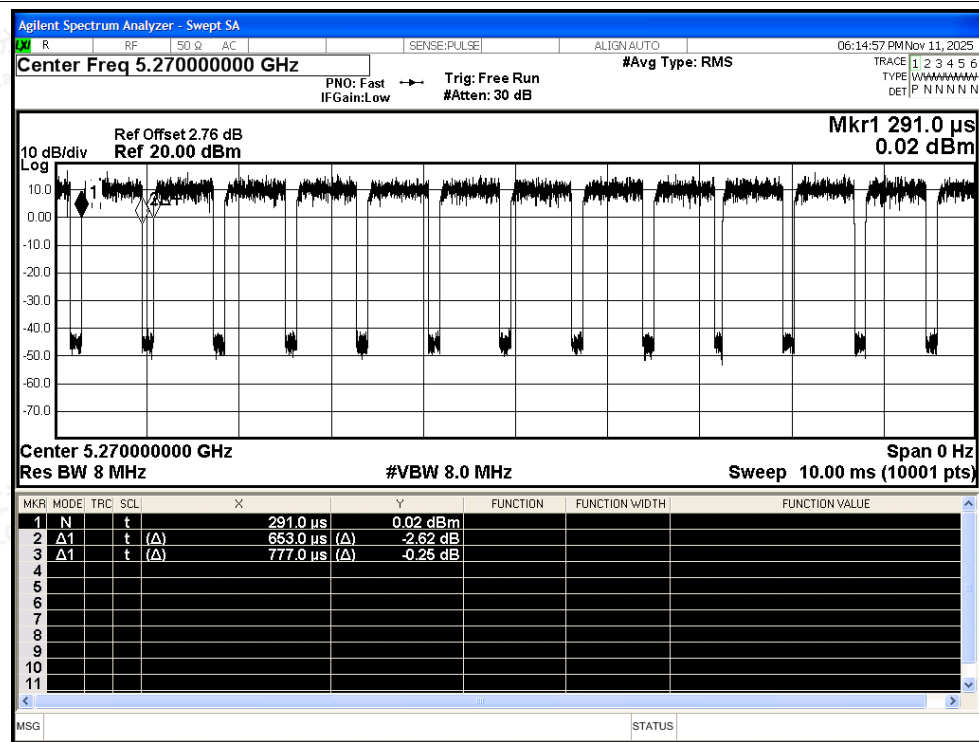
Scan code to check authenticity



Duty Cycle NVNT ac20 5320MHz Ant1



Duty Cycle NVNT ac40 5270MHz Ant1



Shenzhen LCS Compliance Testing Laboratory Ltd.

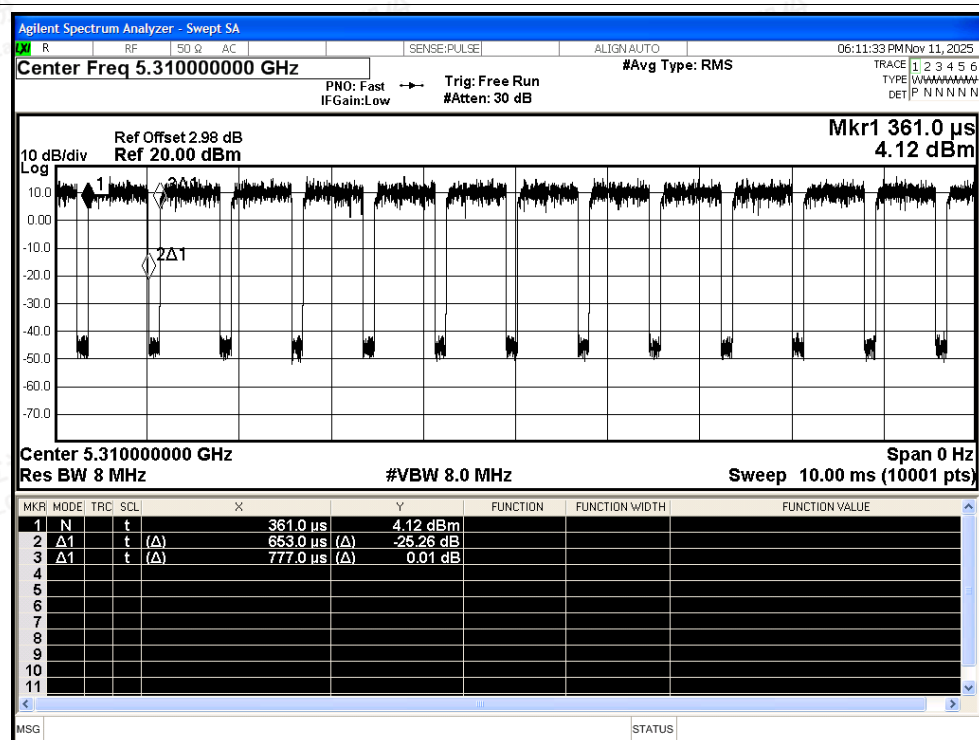
Add: 101, 201 Bldg A & 301 Bldg C, Juji Industrial Park Yabianxueziwei, Shajing Street, Baoan District, Shenzhen, 518000, China

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

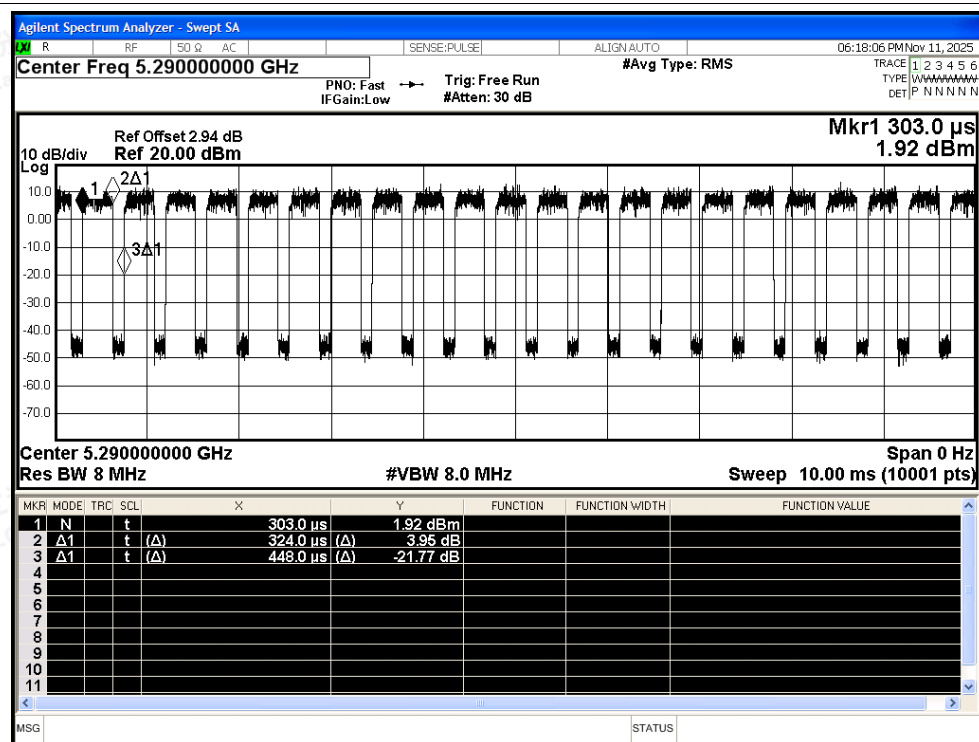
Scan code to check authenticity



Duty Cycle NVNT ac40 5310MHz Ant1



Duty Cycle NVNT ac80 5290MHz 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