



Appendix E

RF Test Data for 5.3GWIFI(Conducted Measurement)

Product Name: Looki L1

Test Model: LNMBB001

Environmental Conditions

Temperature:	24.5°C
Relative Humidity:	53.6%
ATM Pressure:	100.0 kPa
Test Engineer:	Paddi Chen
Supervised by:	Nick Peng





E.1 -26dB Bandwidth

Condition	Mode	Frequency (MHz)	Antenna	-26 dB Bandwidth (MHz)	Limit -26 dB Bandwidth (MHz)	Verdict
NVNT	a	5260	Ant1	30	---	Pass
NVNT	a	5300	Ant1	30	---	Pass
NVNT	a	5320	Ant1	29.839	---	Pass
NVNT	n20	5260	Ant1	30	---	Pass
NVNT	n20	5300	Ant1	29.968	---	Pass
NVNT	n20	5320	Ant1	30	---	Pass
NVNT	n40	5270	Ant1	58.334	---	Pass
NVNT	n40	5310	Ant1	59.092	---	Pass
NVNT	ac20	5260	Ant1	29.406	---	Pass
NVNT	ac20	5300	Ant1	29.712	---	Pass
NVNT	ac20	5320	Ant1	29.186	---	Pass
NVNT	ac40	5270	Ant1	51.932	---	Pass
NVNT	ac40	5310	Ant1	52.976	---	Pass



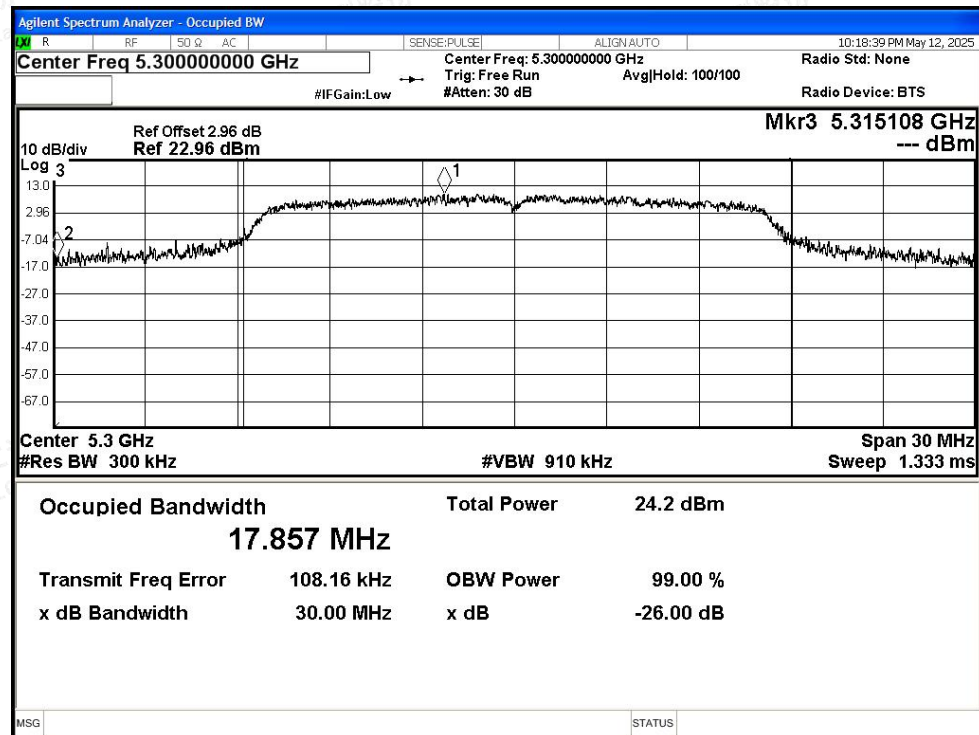


Test Graphs

-26dB Bandwidth NVNT a 5260MHz Ant1



-26dB Bandwidth NVNT a 5300MHz Ant1

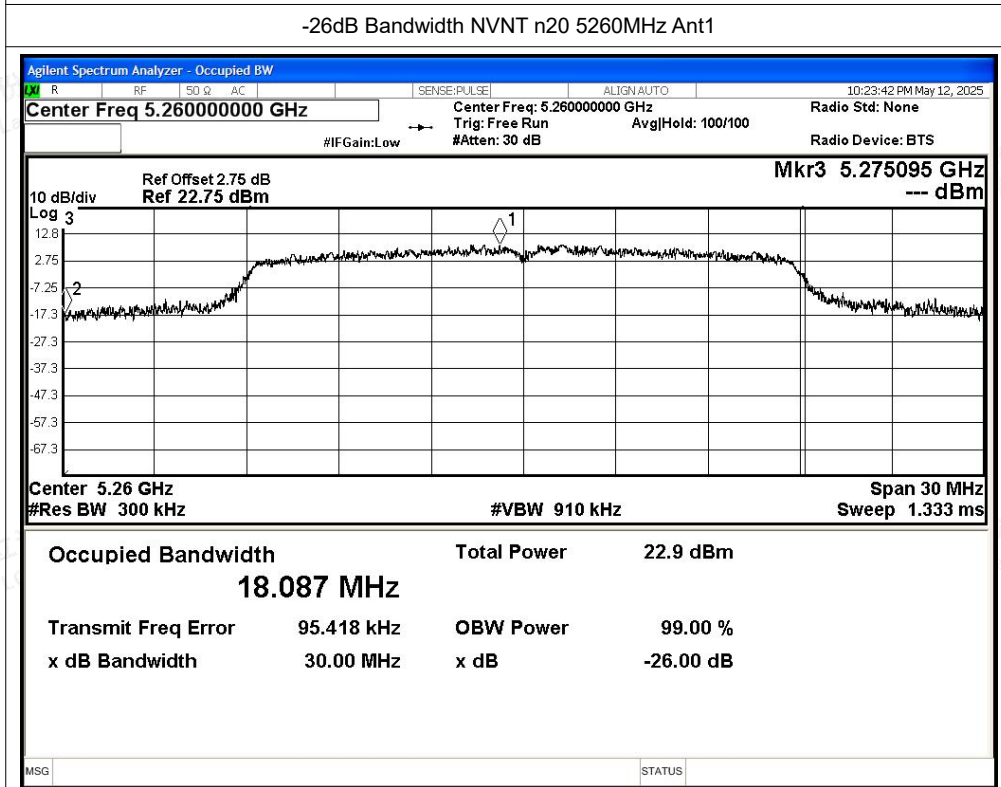
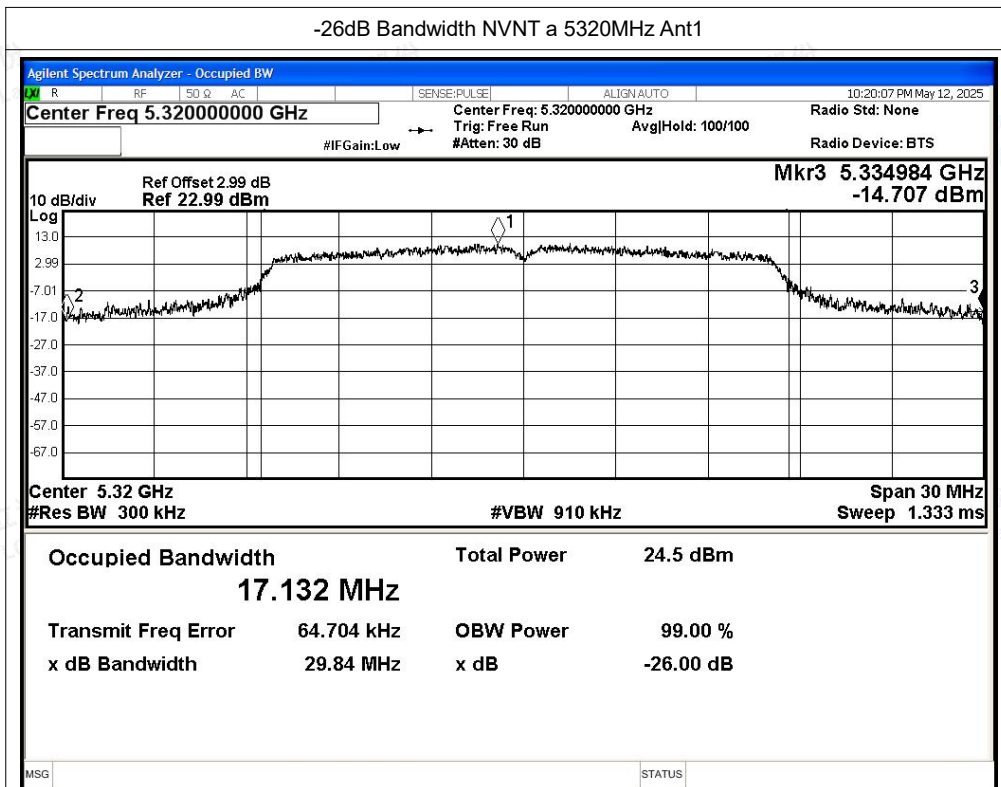


Shenzhen LCS Compliance Testing Laboratory Ltd.

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

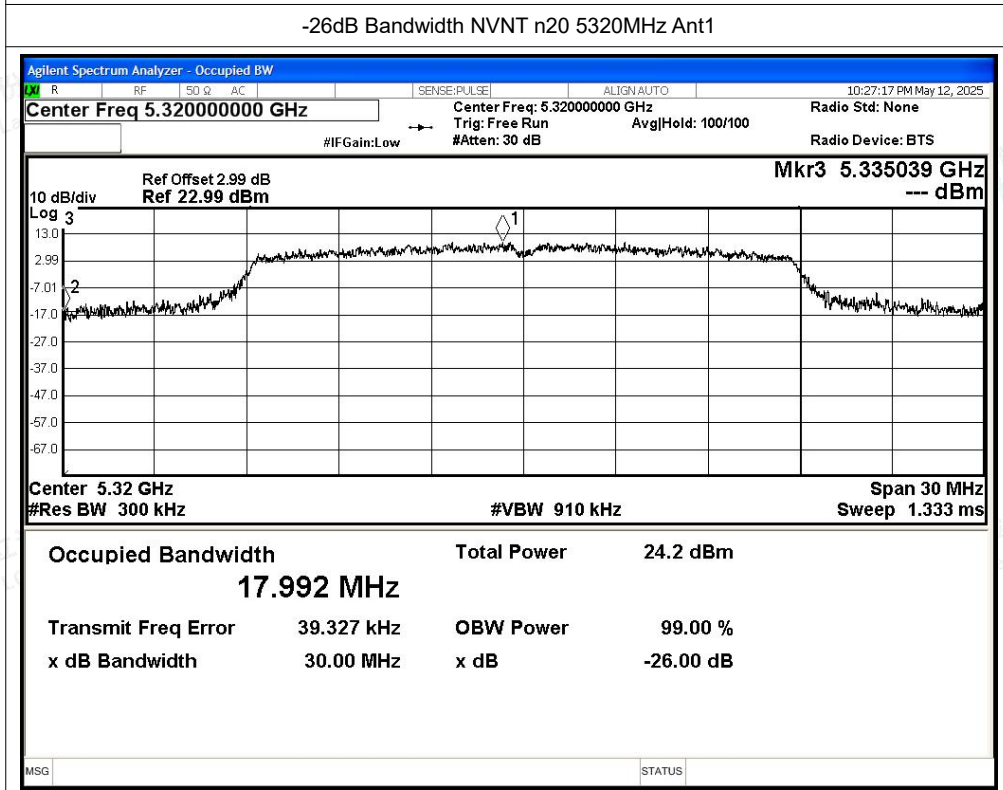
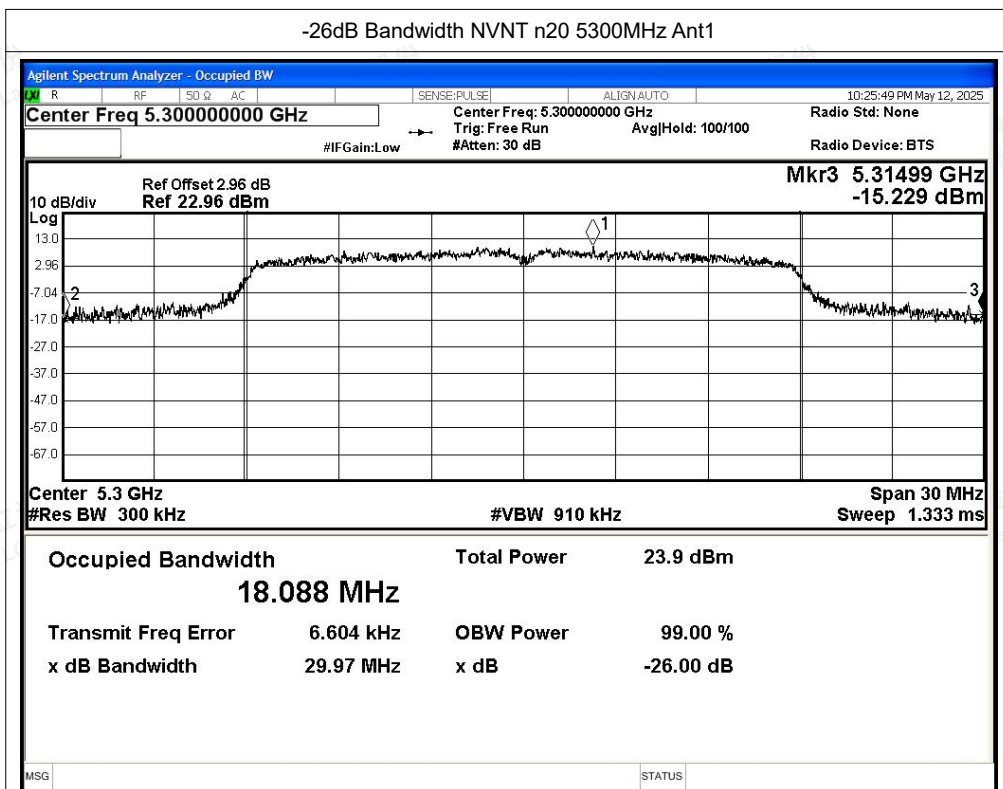


Shenzhen LCS Compliance Testing Laboratory Ltd.

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

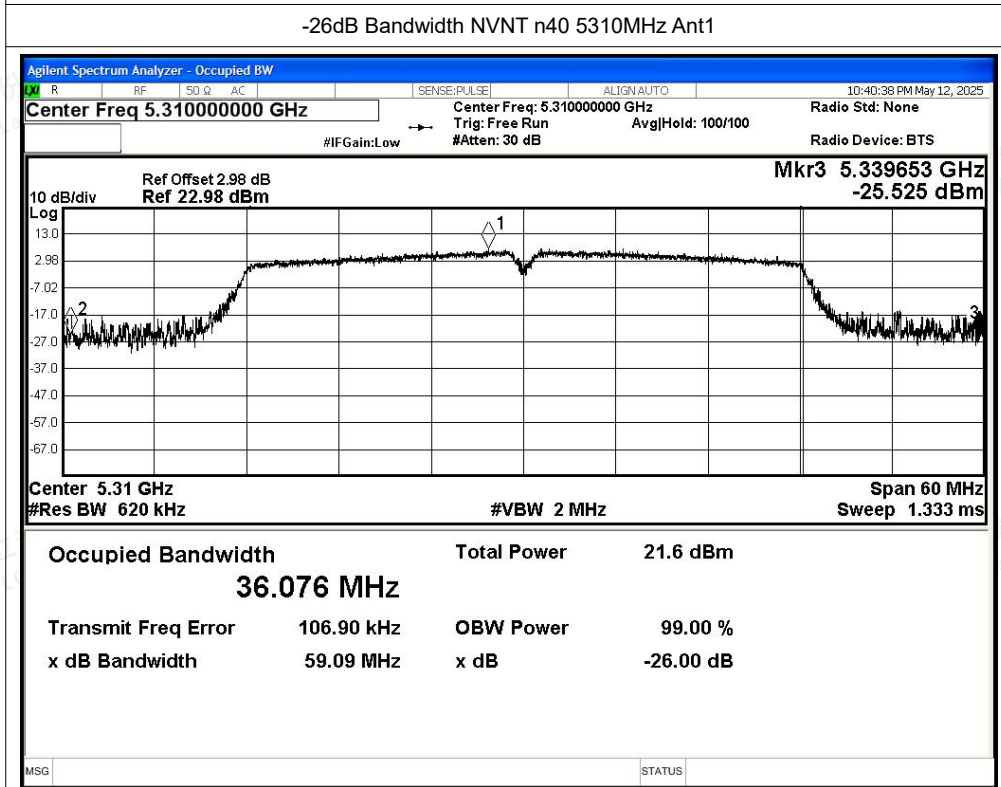
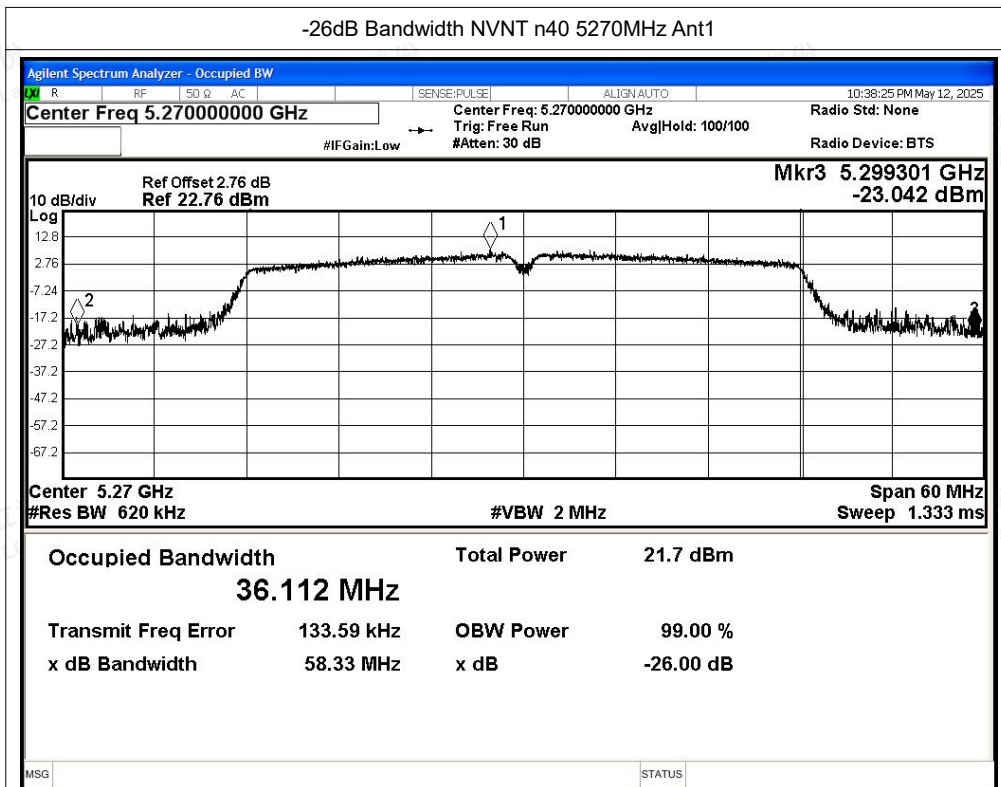


Shenzhen LCS Compliance Testing Laboratory Ltd.

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.

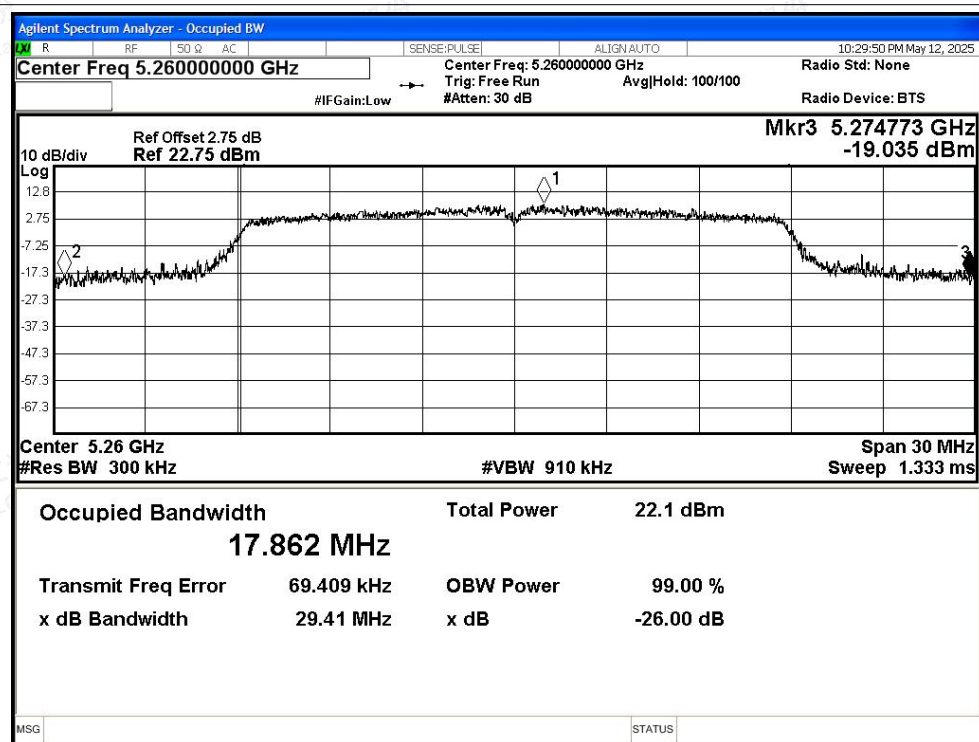
Add: 101, 201 Bldg A & 301 Bldg C, Juji Industrial Park Yabianxueziwei, Shajing Street, Baoan District, Shenzhen, 518000, China

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

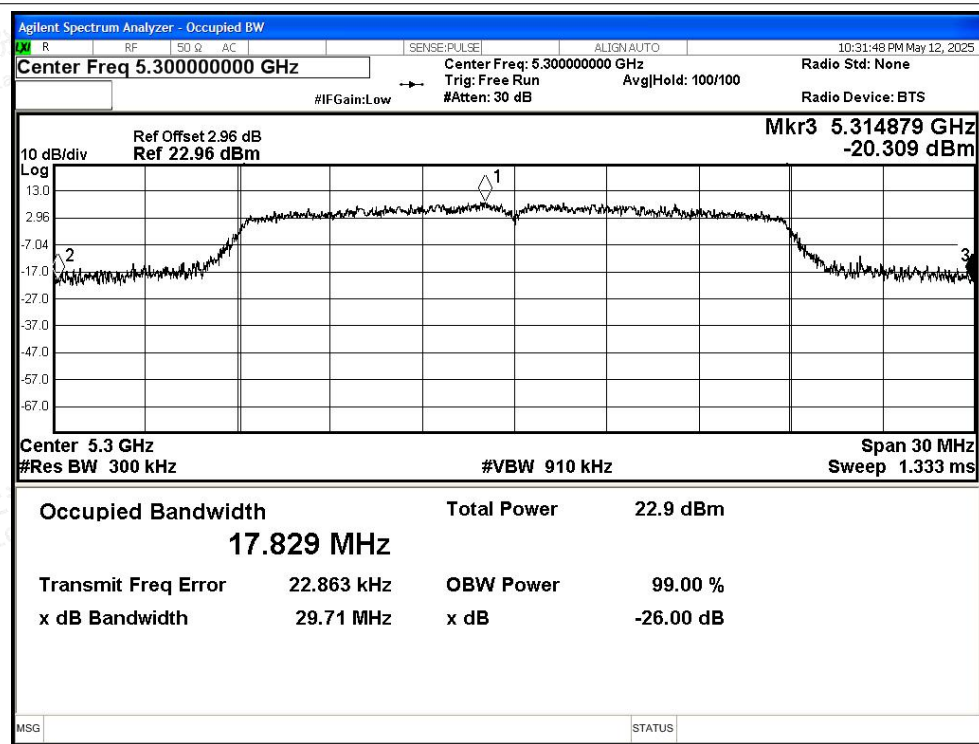
Scan code to check authenticity



-26dB Bandwidth NVNT ac20 5260MHz Ant1



-26dB Bandwidth NVNT ac20 5300MHz Ant1



Shenzhen LCS Compliance Testing Laboratory Ltd.

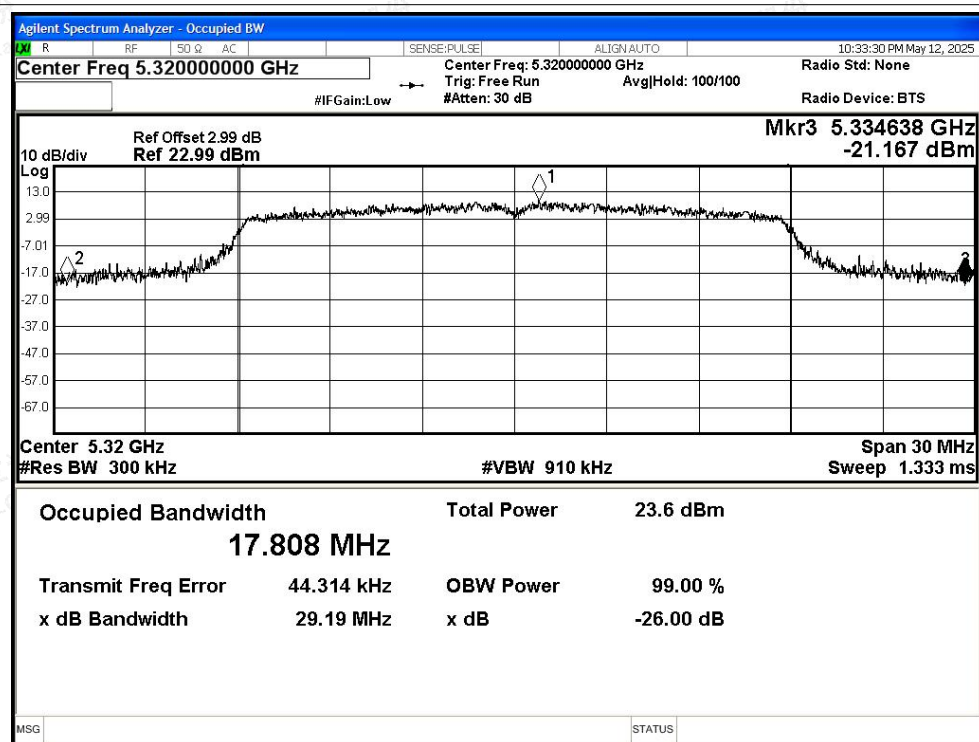
Add: 101, 201 Bldg A & 301 Bldg C, Juji Industrial Park Yabianxueziwei, Shajing Street, Baoan District, Shenzhen, 518000, China

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

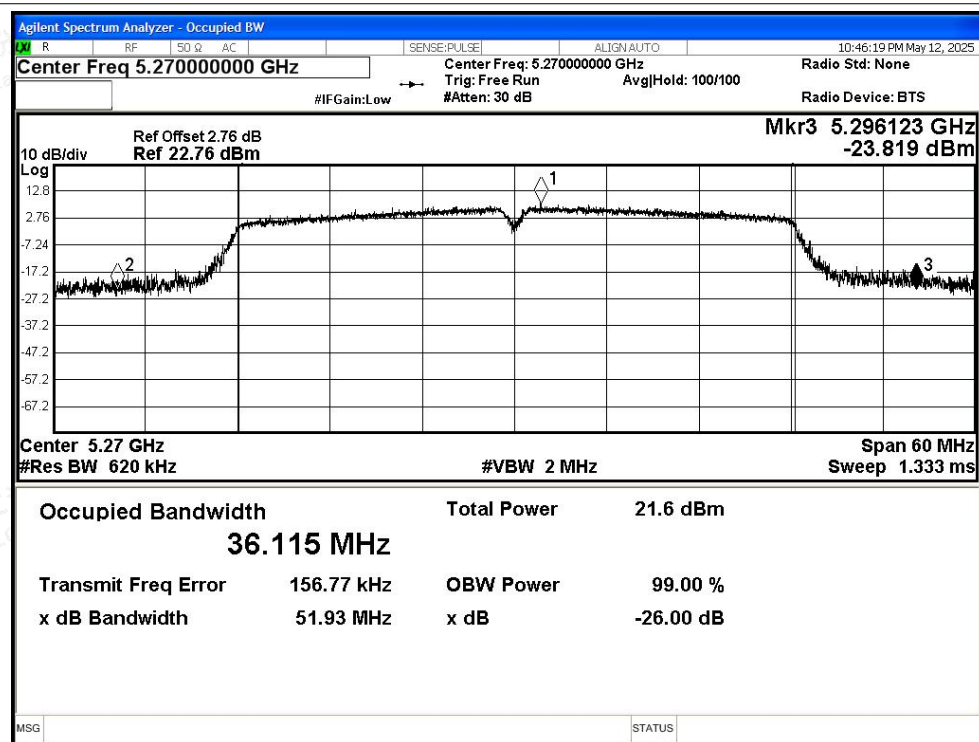
Scan code to check authenticity



-26dB Bandwidth NVNT ac20 5320MHz Ant1



-26dB Bandwidth NVNT ac40 5270MHz Ant1

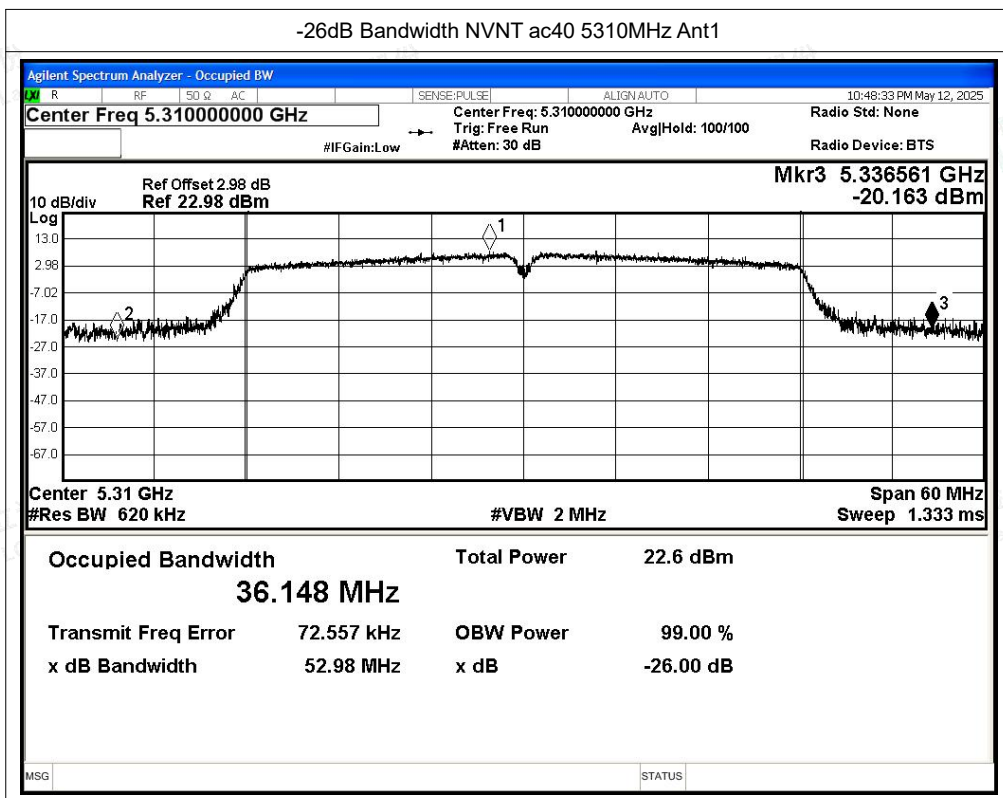


Shenzhen LCS Compliance Testing Laboratory Ltd.

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



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	17.84	0.13	17.97	24	Pass
NVNT	a	5300	Ant1	18.51	0.13	18.64	24	Pass
NVNT	a	5320	Ant1	18.78	0.13	18.91	24	Pass
NVNT	n20	5260	Ant1	17.15	0.14	17.29	24	Pass
NVNT	n20	5300	Ant1	18.12	0.14	18.26	24	Pass
NVNT	n20	5320	Ant1	18.48	0.14	18.62	24	Pass
NVNT	n40	5270	Ant1	15.68	0.27	15.95	24	Pass
NVNT	n40	5310	Ant1	15.63	0.29	15.92	24	Pass
NVNT	ac20	5260	Ant1	16.18	0.14	16.32	24	Pass
NVNT	ac20	5300	Ant1	17.25	0.14	17.39	24	Pass
NVNT	ac20	5320	Ant1	17.82	0.14	17.96	24	Pass
NVNT	ac40	5270	Ant1	15.64	0.28	15.92	24	Pass
NVNT	ac40	5310	Ant1	16.68	0.28	16.96	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	8.15	0.13	8.28	11	Pass
NVNT	a	5300	Ant1	8.62	0.13	8.75	11	Pass
NVNT	a	5320	Ant1	9.06	0.13	9.19	11	Pass
NVNT	n20	5260	Ant1	7.67	0.14	7.81	11	Pass
NVNT	n20	5300	Ant1	8.32	0.14	8.46	11	Pass
NVNT	n20	5320	Ant1	8.62	0.14	8.76	11	Pass
NVNT	n40	5270	Ant1	2.95	0.27	3.22	11	Pass
NVNT	n40	5310	Ant1	2.73	0.29	3.02	11	Pass
NVNT	ac20	5260	Ant1	6.6	0.14	6.74	11	Pass
NVNT	ac20	5300	Ant1	7.34	0.14	7.48	11	Pass
NVNT	ac20	5320	Ant1	8.05	0.14	8.19	11	Pass
NVNT	ac40	5270	Ant1	2.86	0.28	3.14	11	Pass
NVNT	ac40	5310	Ant1	3.86	0.28	4.14	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

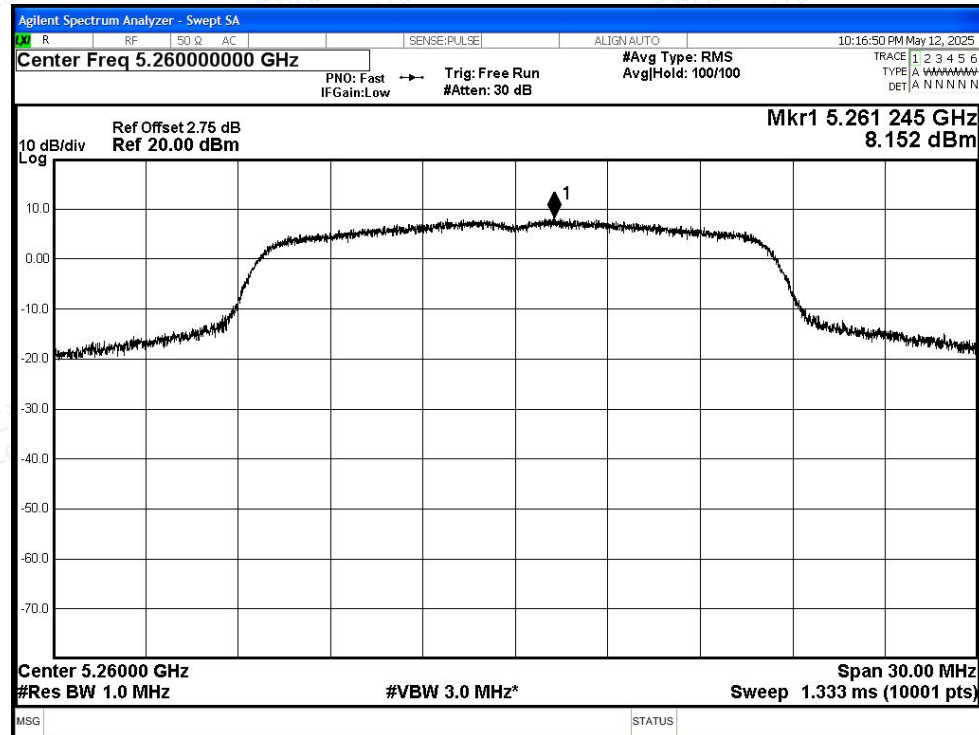
Tel: +(86) 0755-82591330 | E-mail: webmaster@lcs-cert.com | Web: www.lcs-cert.com

Scan code to check authenticity

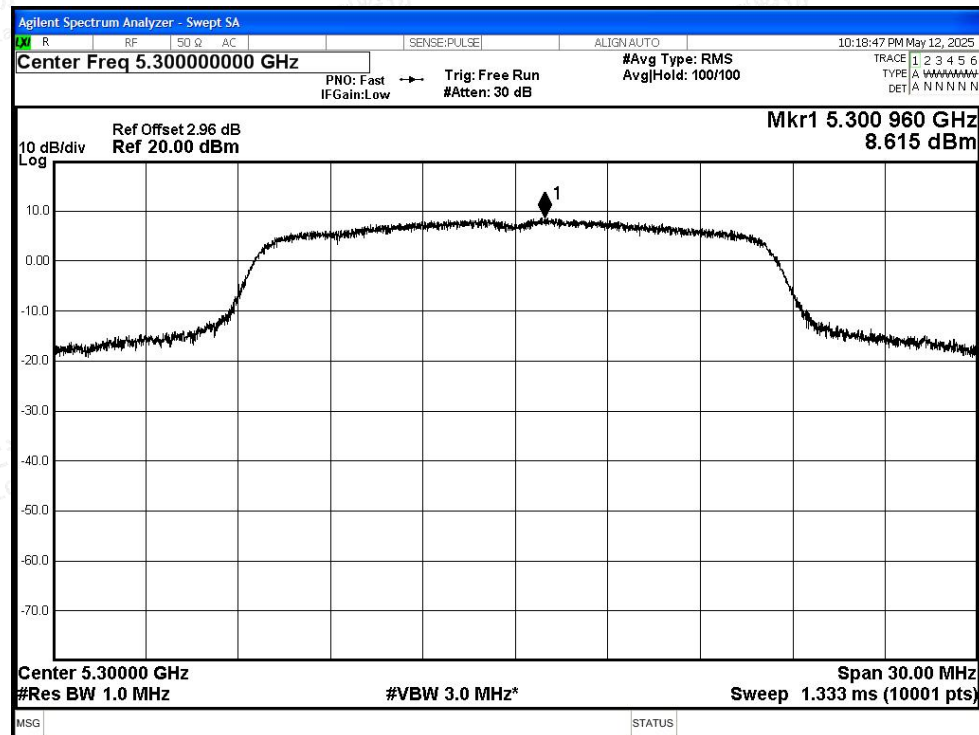


Test Graphs

PSD NVNT a 5260MHz Ant1



PSD NVNT a 5300MHz Ant1



Shenzhen LCS Compliance Testing Laboratory Ltd.

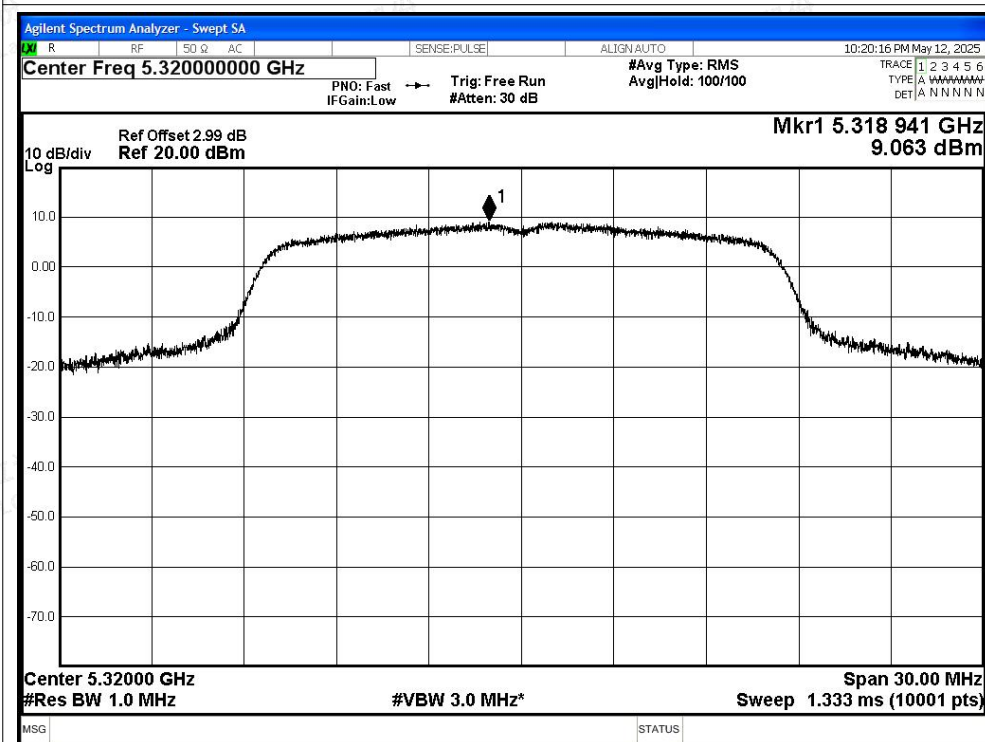
Add: 101, 201 Bldg A & 301 Bldg C, Juji Industrial Park Yabianxueziwei, Shajing Street, Baoan District, Shenzhen, 518000, China

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

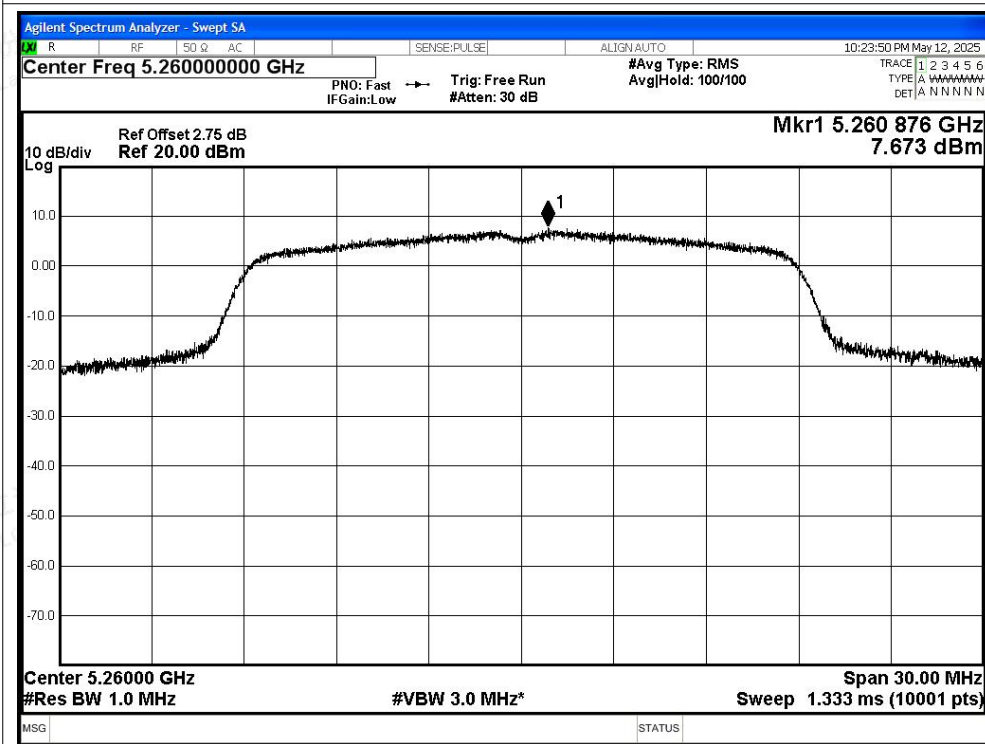
Scan code to check authenticity



PSD NVNT a 5320MHz Ant1



PSD NVNT n20 5260MHz Ant1

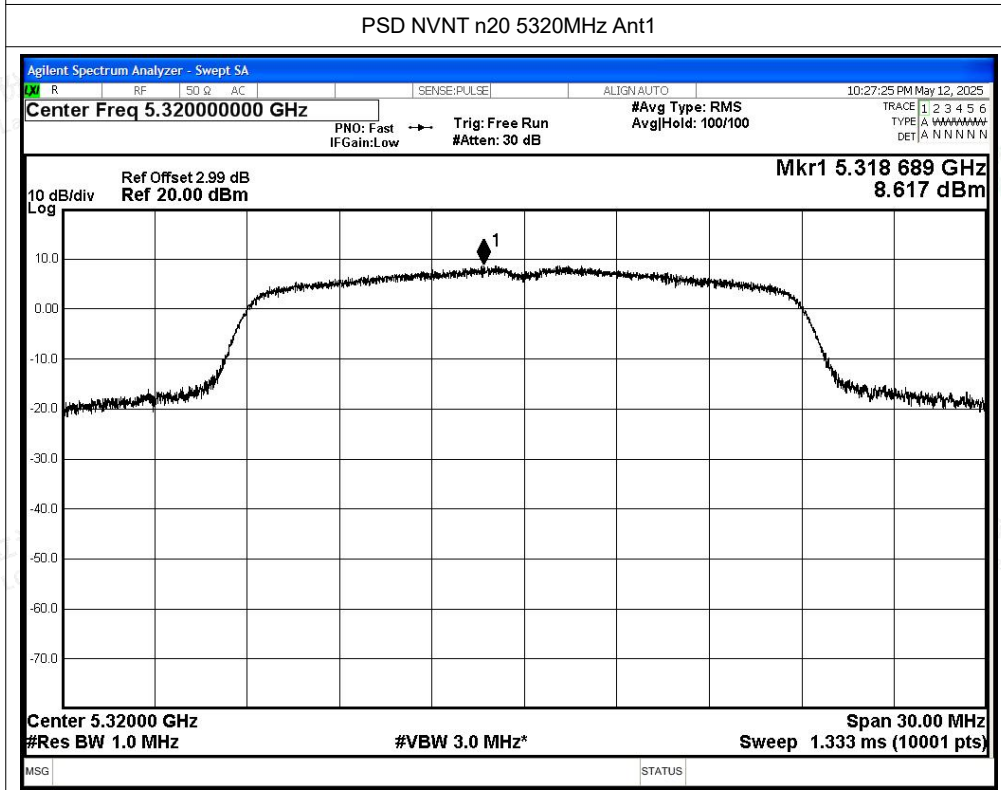
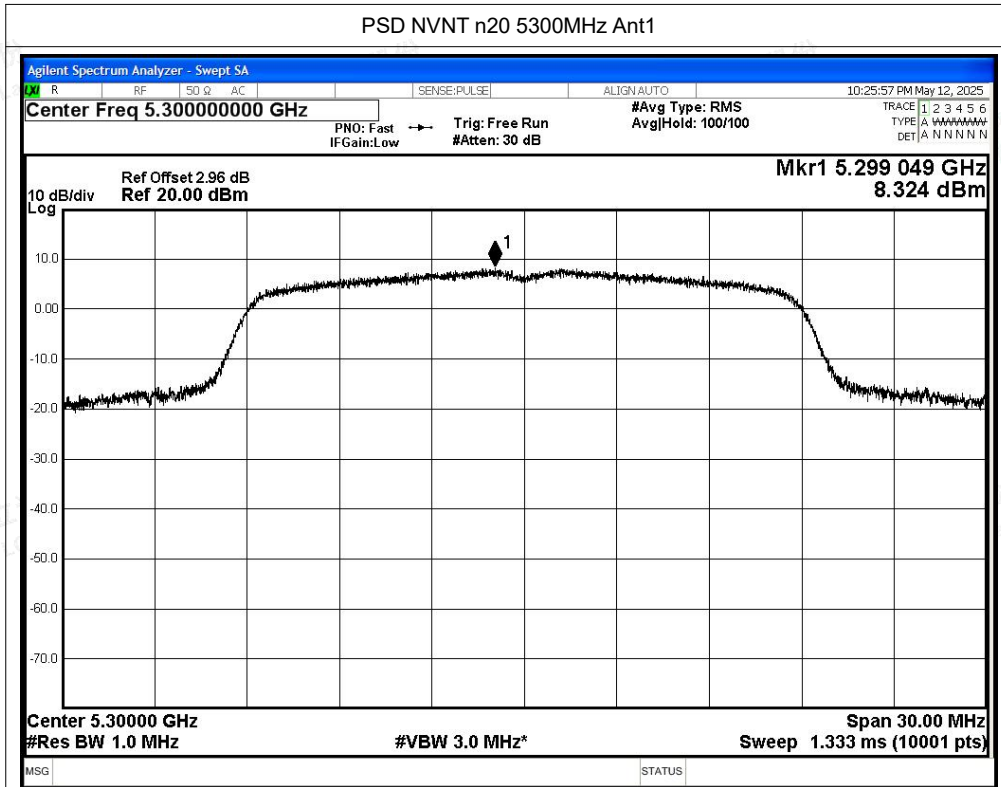


Shenzhen LCS Compliance Testing Laboratory Ltd.

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

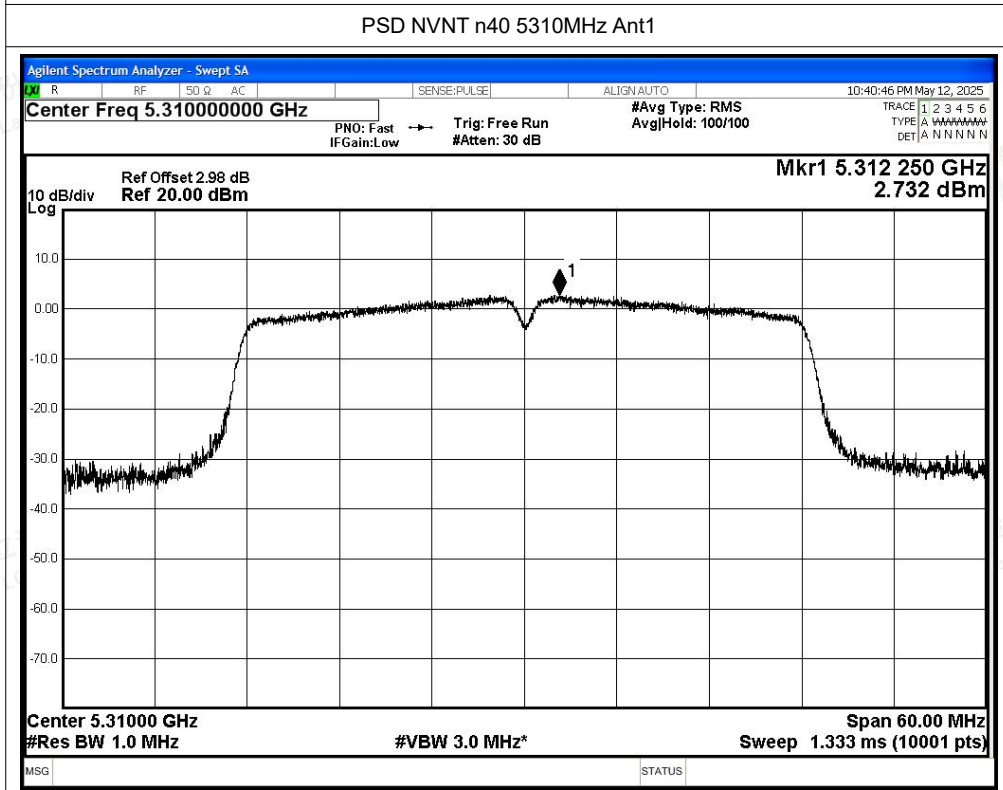
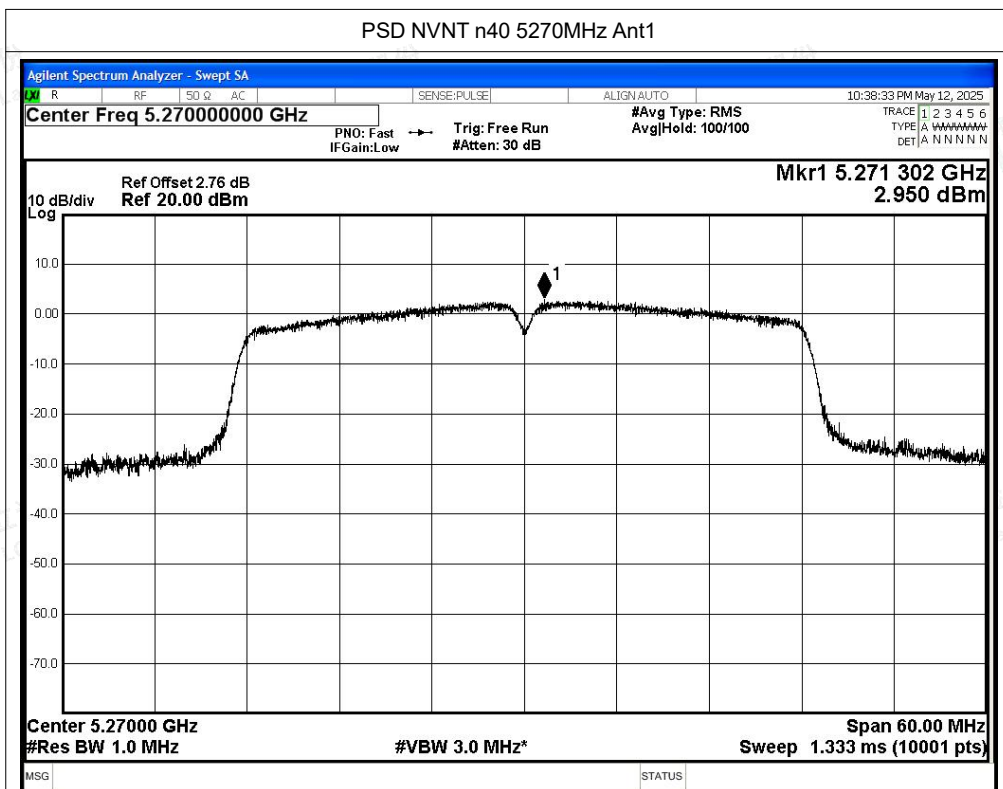


Shenzhen LCS Compliance Testing Laboratory Ltd.

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

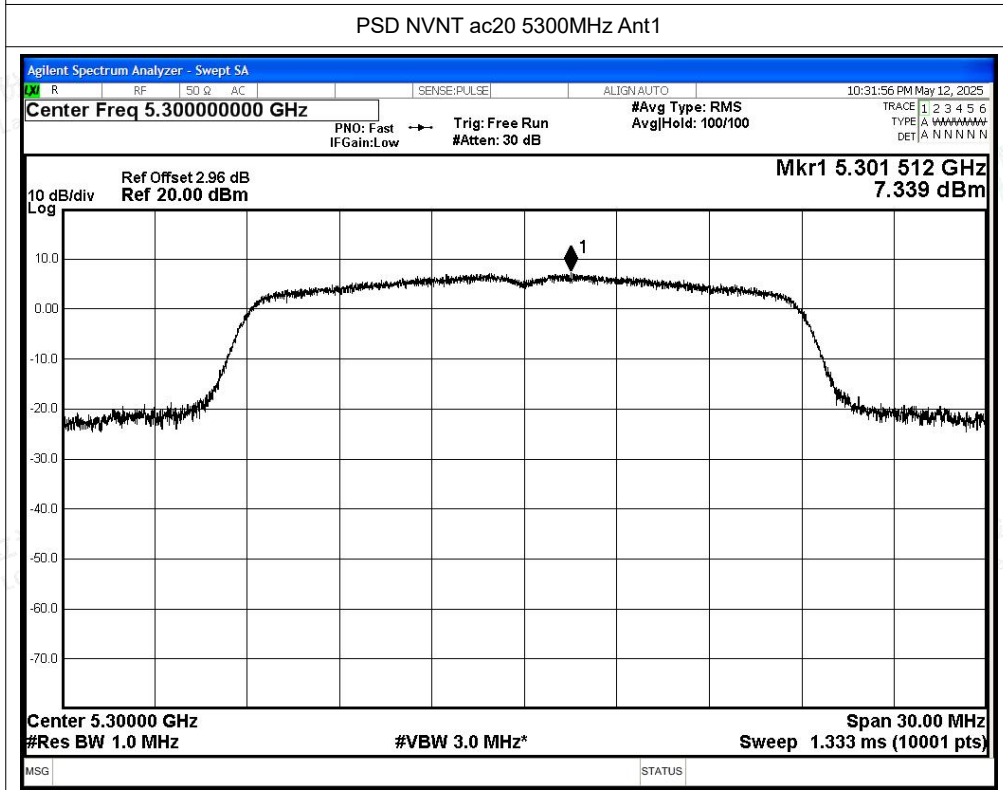
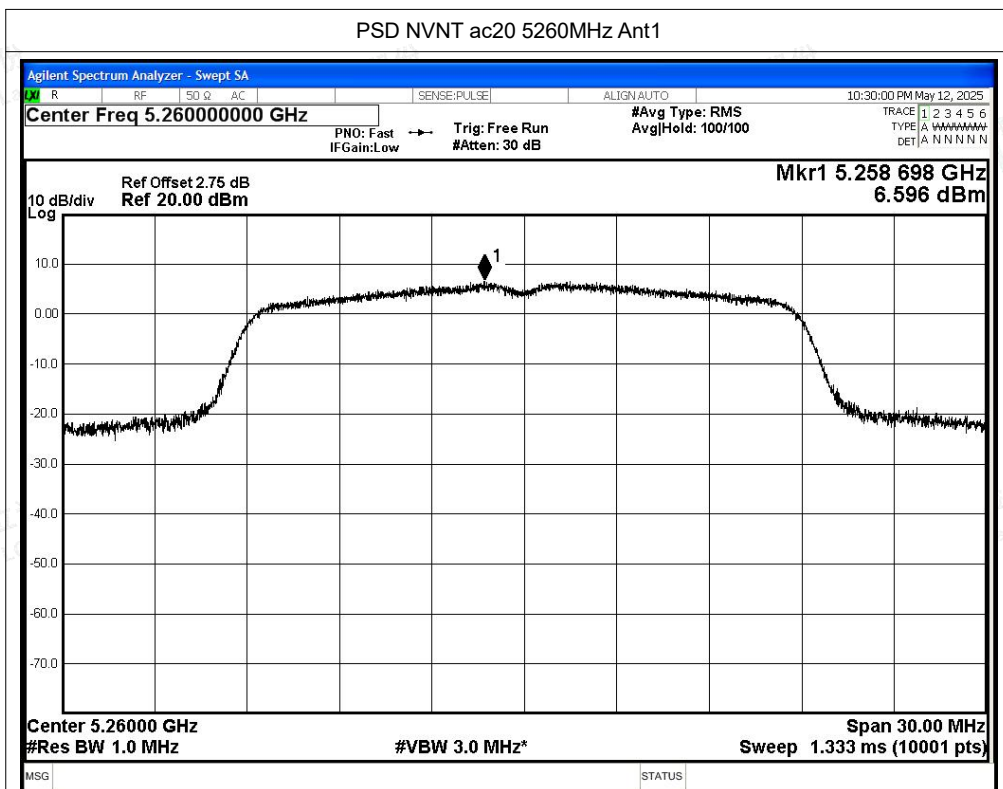


Shenzhen LCS Compliance Testing Laboratory Ltd.

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

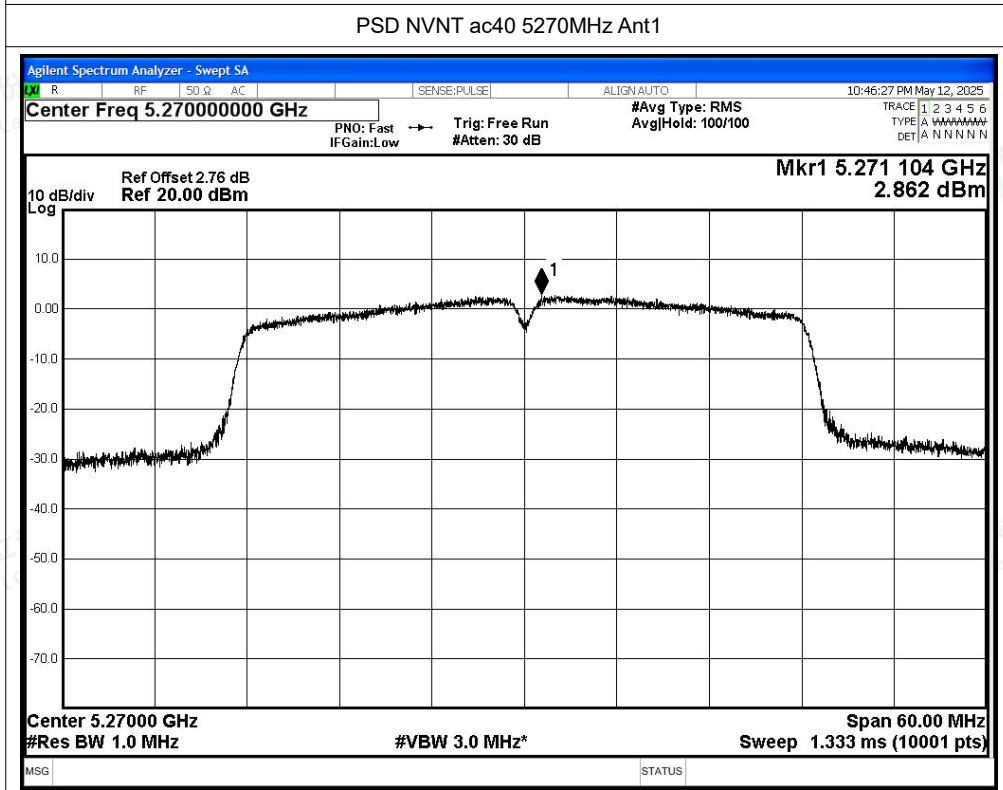
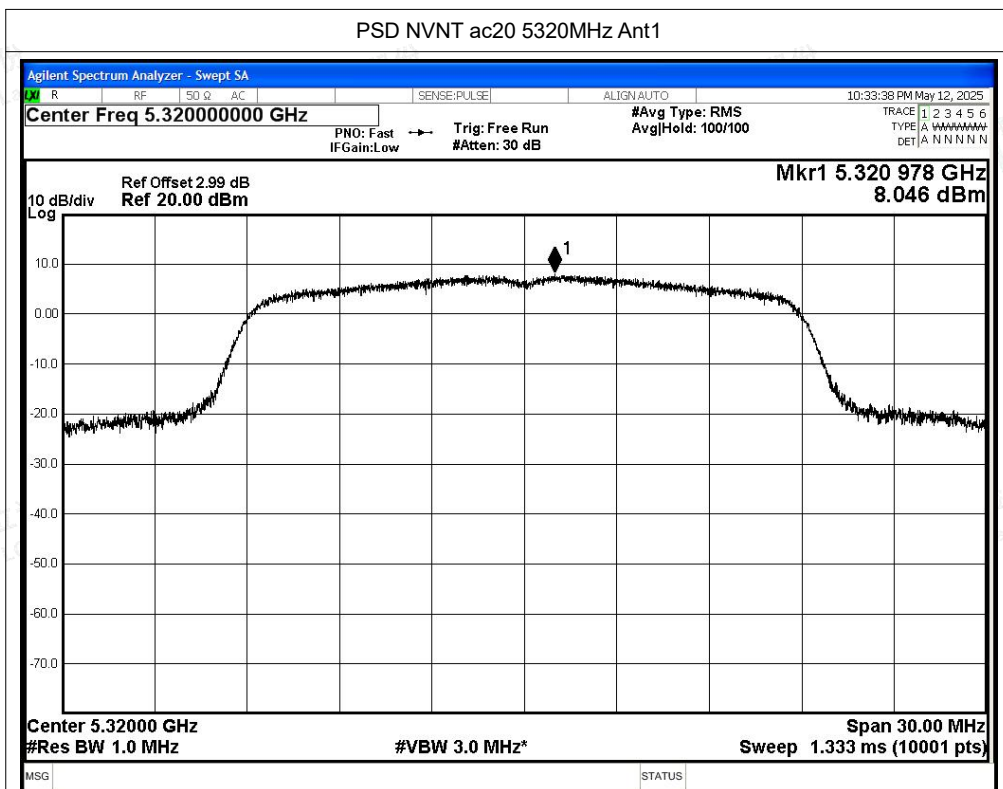


Shenzhen LCS Compliance Testing Laboratory Ltd.

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

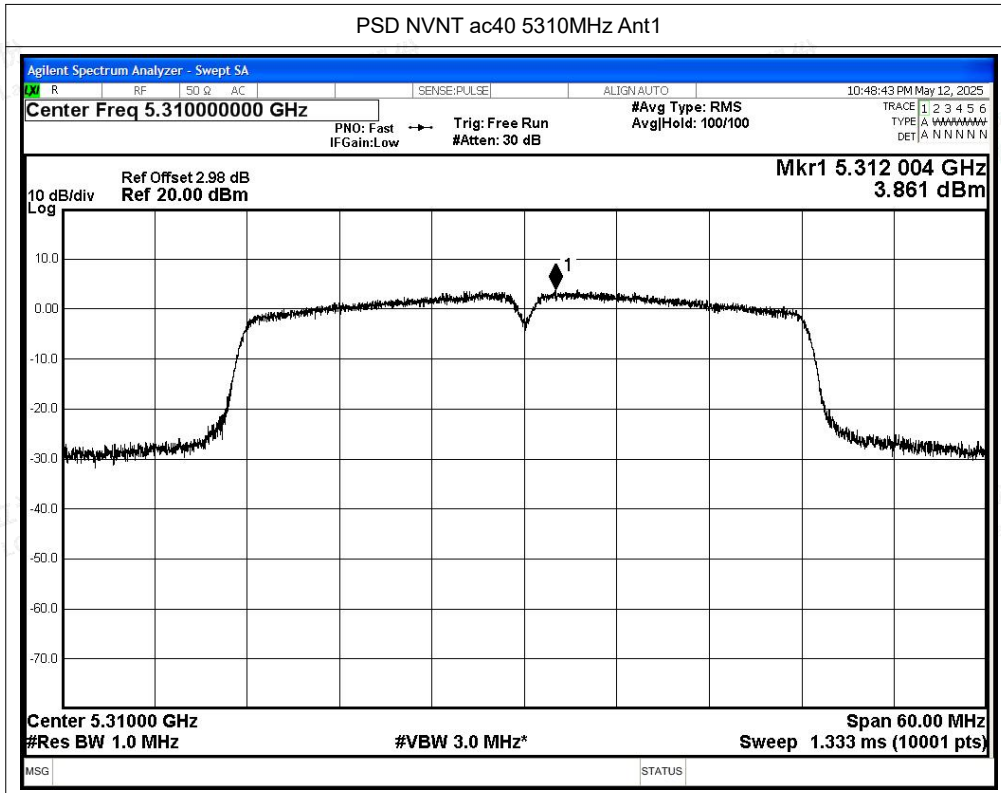


Shenzhen LCS Compliance Testing Laboratory Ltd.

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



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	-50.13	2.0	-	47.1	Peak	68.2	Pass
NVNT	a	5260	Ant1	4500	-59.01	2.0	0.13	38.35	Average	54	Pass
NVNT	a	5260	Ant1	5145.84	-47.38	2.0	-	49.85	Peak	68.2	Pass
NVNT	a	5260	Ant1	5065.5	-57.06	2.0	0.13	40.3	Average	54	Pass
NVNT	a	5260	Ant1	5150	-50.11	2.0	-	47.12	Peak	68.2	Pass
NVNT	a	5260	Ant1	5150	-57.3	2.0	0.13	40.06	Average	54	Pass
NVNT	a	5320	Ant1	5350	-46.71	2.0	-	50.52	Peak	68.2	Pass
NVNT	a	5320	Ant1	5350	-57.23	2.0	0.13	40.13	Average	54	Pass
NVNT	a	5320	Ant1	5350.4	-44.69	2.0	-	52.54	Peak	68.2	Pass
NVNT	a	5320	Ant1	5350.4	-56.59	2.0	0.13	40.77	Average	54	Pass
NVNT	a	5320	Ant1	5460	-51.05	2.0	-	46.18	Peak	68.2	Pass
NVNT	a	5320	Ant1	5460	-58.05	2.0	0.13	39.31	Average	54	Pass
NVNT	n20	5260	Ant1	4500	-47.91	2.0	-	49.32	Peak	68.2	Pass
NVNT	n20	5260	Ant1	4500	-59.11	2.0	0.14	38.26	Average	54	Pass
NVNT	n20	5260	Ant1	4988.28	-46.39	2.0	-	50.84	Peak	68.2	Pass
NVNT	n20	5260	Ant1	5068.62	-57.08	2.0	0.14	40.29	Average	54	Pass
NVNT	n20	5260	Ant1	5150	-49.81	2.0	-	47.42	Peak	68.2	Pass
NVNT	n20	5260	Ant1	5150	-57.6	2.0	0.14	39.77	Average	54	Pass
NVNT	n20	5320	Ant1	5350	-43.2	2.0	-	54.03	Peak	68.2	Pass
NVNT	n20	5320	Ant1	5350	-55.21	2.0	0.14	42.16	Average	54	Pass
NVNT	n20	5320	Ant1	5351.8	-40.21	2.0	-	57.02	Peak	68.2	Pass
NVNT	n20	5320	Ant1	5351.2	-54.71	2.0	0.14	42.66	Average	54	Pass
NVNT	n20	5320	Ant1	5460	-48.8	2.0	-	48.43	Peak	68.2	Pass
NVNT	n20	5320	Ant1	5460	-58.28	2.0	0.14	39.09	Average	54	Pass
NVNT	n40	5270	Ant1	4500	-51.64	2.0	-	45.59	Peak	68.2	Pass
NVNT	n40	5270	Ant1	4500	-59.35	2.0	0.27	38.15	Average	54	Pass
NVNT	n40	5270	Ant1	5115.6	-46.82	2.0	-	50.41	Peak	68.2	Pass
NVNT	n40	5270	Ant1	5135.85	-56.99	2.0	0.27	40.51	Average	54	Pass
NVNT	n40	5270	Ant1	5150	-48.59	2.0	-	48.64	Peak	68.2	Pass
NVNT	n40	5270	Ant1	5150	-57.97	2.0	0.27	39.53	Average	54	Pass
NVNT	n40	5310	Ant1	5350	-44.92	2.0	-	52.31	Peak	68.2	Pass
NVNT	n40	5310	Ant1	5350	-56.37	2.0	0.29	41.15	Average	54	Pass
NVNT	n40	5310	Ant1	5354.2	-43.29	2.0	-	53.94	Peak	68.2	Pass
NVNT	n40	5310	Ant1	5351.2	-55.62	2.0	0.29	41.9	Average	54	Pass
NVNT	n40	5310	Ant1	5460	-50.21	2.0	-	47.02	Peak	68.2	Pass
NVNT	n40	5310	Ant1	5460	-58.35	2.0	0.29	39.17	Average	54	Pass
NVNT	ac20	5260	Ant1	4500	-50.46	2.0	-	46.77	Peak	68.2	Pass
NVNT	ac20	5260	Ant1	4500	-59.69	2.0	0.14	37.68	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	4980.48	-47.32	2.0	-	49.91	Peak	68.2	Pass
NVNT	ac20	5260	Ant1	5036.64	-56.99	2.0	0.14	40.38	Average	54	Pass
NVNT	ac20	5260	Ant1	5150	-50.21	2.0	-	47.02	Peak	68.2	Pass
NVNT	ac20	5260	Ant1	5150	-57.93	2.0	0.14	39.44	Average	54	Pass
NVNT	ac20	5320	Ant1	5350	-46.16	2.0	-	51.07	Peak	68.2	Pass
NVNT	ac20	5320	Ant1	5350	-55.27	2.0	0.14	42.1	Average	54	Pass
NVNT	ac20	5320	Ant1	5352.6	-40.66	2.0	-	56.57	Peak	68.2	Pass
NVNT	ac20	5320	Ant1	5350.2	-55.07	2.0	0.14	42.3	Average	54	Pass
NVNT	ac20	5320	Ant1	5460	-49.48	2.0	-	47.75	Peak	68.2	Pass
NVNT	ac20	5320	Ant1	5460	-58.14	2.0	0.14	39.23	Average	54	Pass
NVNT	ac40	5270	Ant1	4500	-51.69	2.0	-	45.54	Peak	68.2	Pass
NVNT	ac40	5270	Ant1	4500	-58.86	2.0	0.28	38.65	Average	54	Pass
NVNT	ac40	5270	Ant1	5145.57	-46.41	2.0	-	50.82	Peak	68.2	Pass
NVNT	ac40	5270	Ant1	5015.16	-57.05	2.0	0.28	40.46	Average	54	Pass
NVNT	ac40	5270	Ant1	5150	-49.98	2.0	-	47.25	Peak	68.2	Pass
NVNT	ac40	5270	Ant1	5150	-58.13	2.0	0.28	39.38	Average	54	Pass
NVNT	ac40	5310	Ant1	5350	-43.63	2.0	-	53.6	Peak	68.2	Pass
NVNT	ac40	5310	Ant1	5350	-55.15	2.0	0.28	42.36	Average	54	Pass
NVNT	ac40	5310	Ant1	5352.2	-42.18	2.0	-	55.05	Peak	68.2	Pass
NVNT	ac40	5310	Ant1	5460	-51.17	2.0	0.28	46.34	Average	54	Pass
NVNT	ac40	5310	Ant1	5460	-57.93	2.0	-	39.3	Peak	68.2	Pass
NVNT	ac40	5310	Ant1	4500	-50.13	2.0	0.28	47.38	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

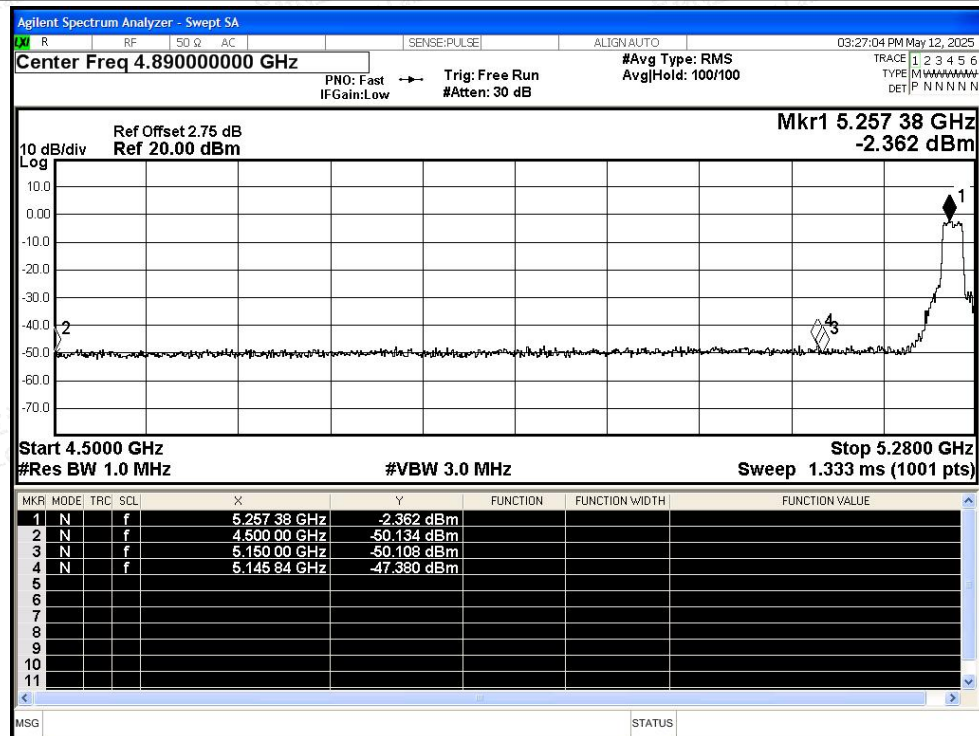
Tel: +(86) 0755-82591330 | E-mail: webmaster@lcs-cert.com | Web: www.lcs-cert.com

Scan code to check authenticity

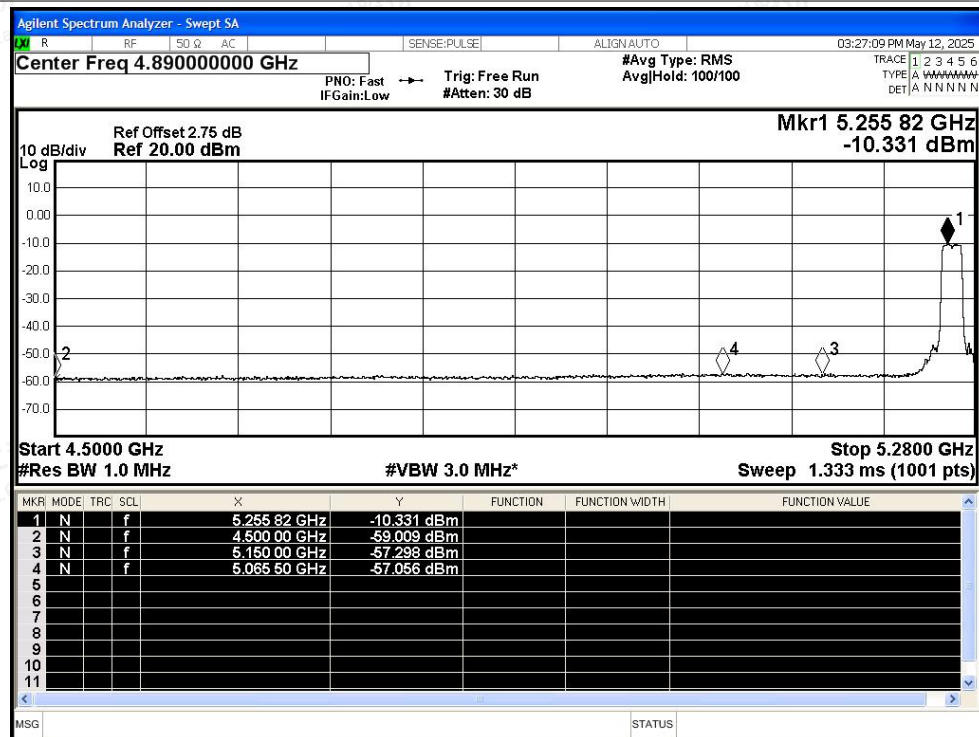


Test Graphs

Restrict Band NVNT a 5260MHz Ant1 Peak



Restrict Band NVNT a 5260MHz Ant1 Average



Shenzhen LCS Compliance Testing Laboratory Ltd.

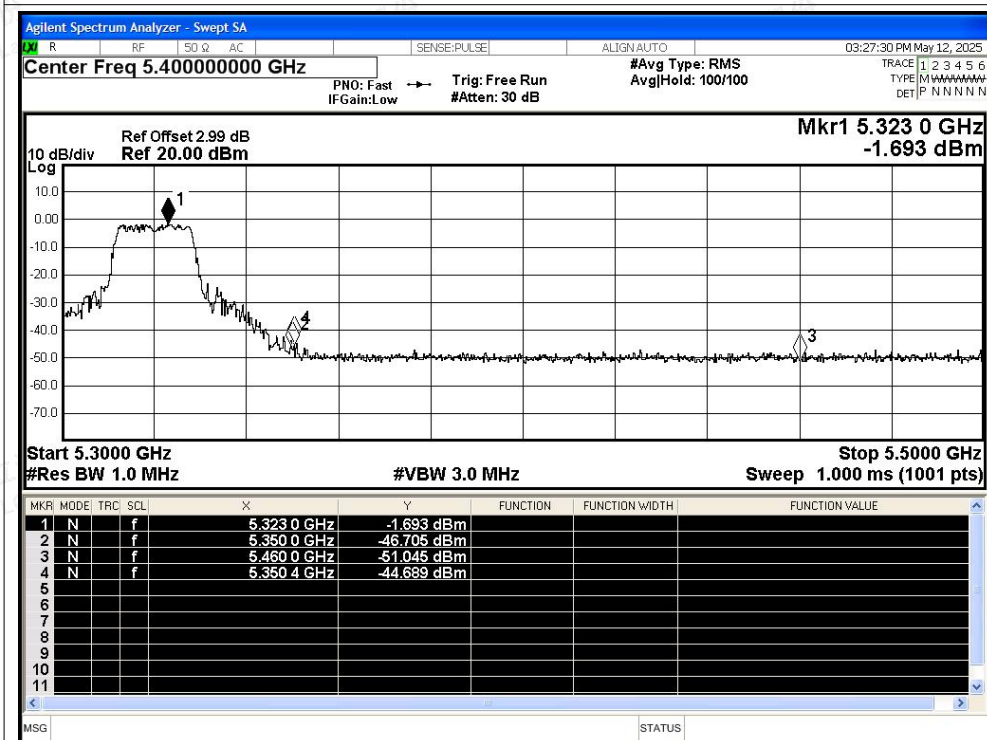
Add: 101, 201 Bldg A & 301 Bldg C, Juji Industrial Park Yabianxueziwei, Shajing Street, Baoan District, Shenzhen, 518000, China

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

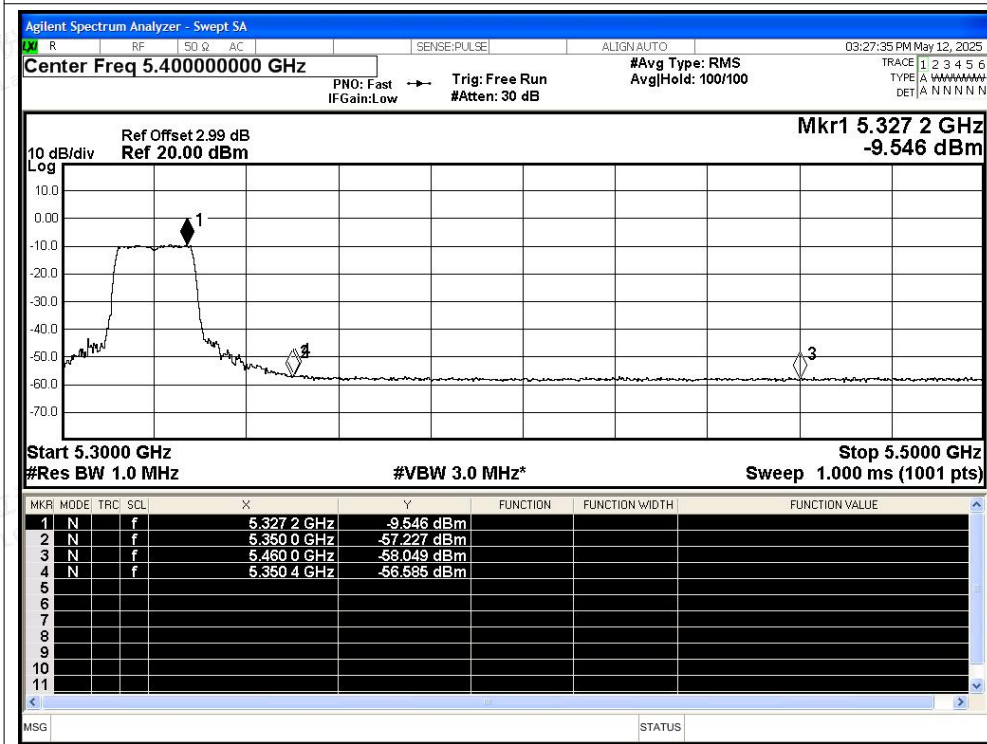
Scan code to check authenticity



Restrict Band NVNT a 5320MHz Ant1 Peak



Restrict Band NVNT a 5320MHz Ant1 Average



Shenzhen LCS Compliance Testing Laboratory Ltd.

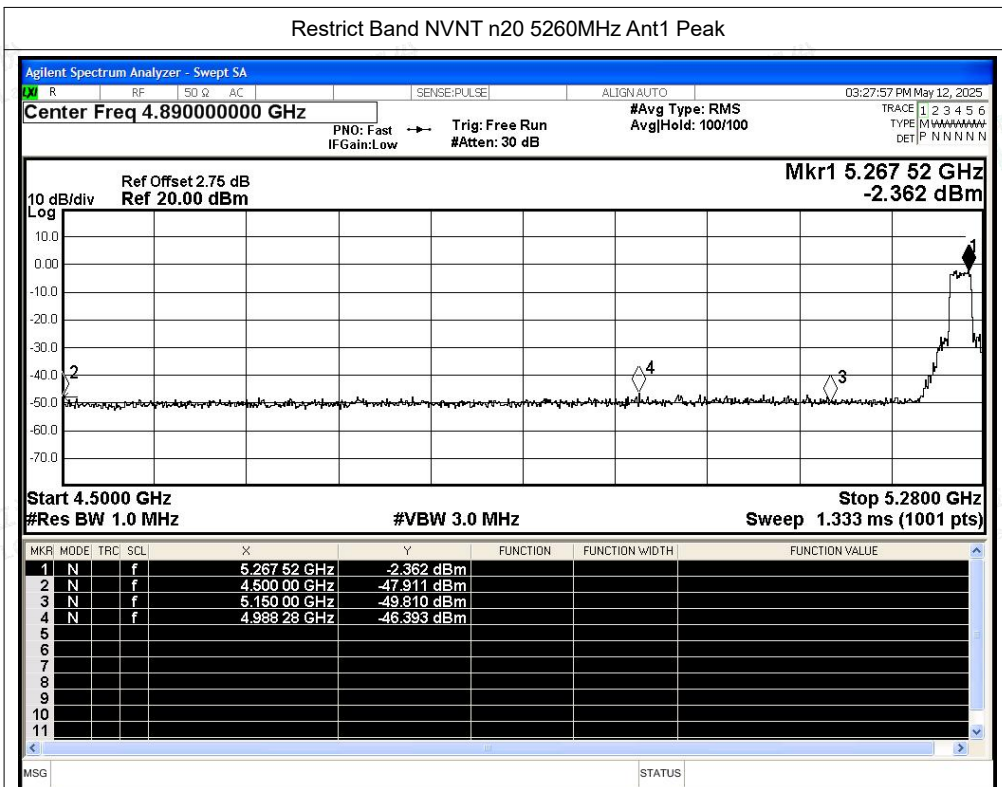
Add: 101, 201 Bldg A & 301 Bldg C, Juji Industrial Park Yabianxueziwei, Shajing Street, Baoan District, Shenzhen, 518000, China

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

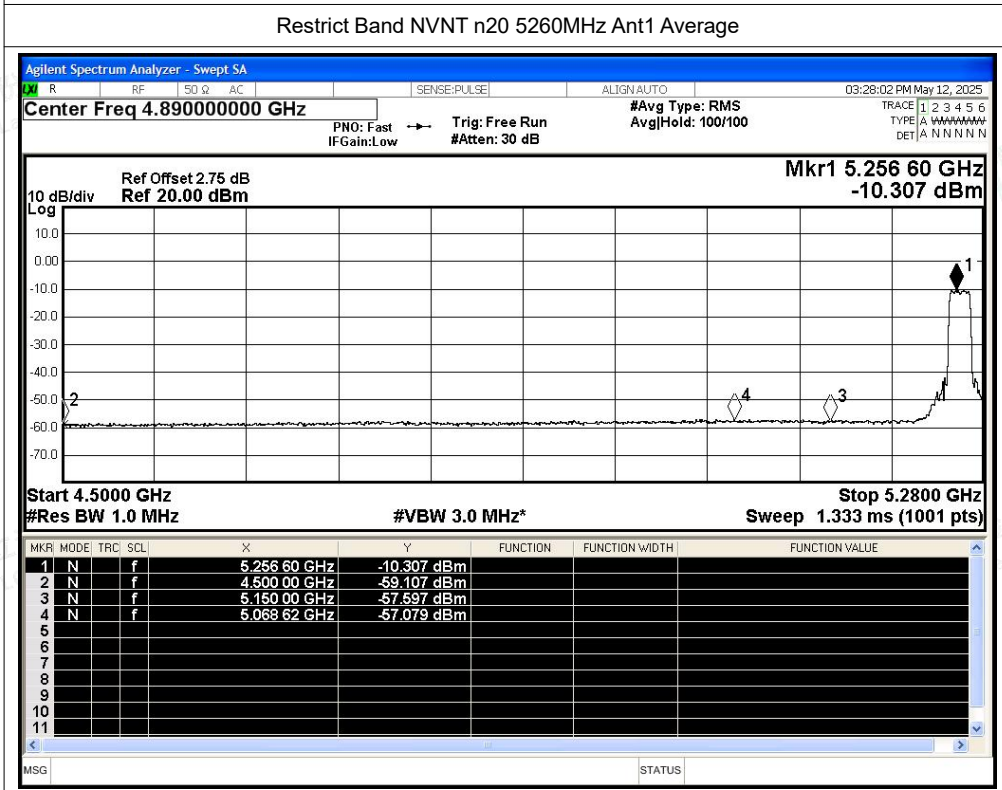
Scan code to check authenticity



Restrict Band NVNT n20 5260MHz Ant1 Peak



Restrict Band NVNT n20 5260MHz Ant1 Average



Shenzhen LCS Compliance Testing Laboratory Ltd.

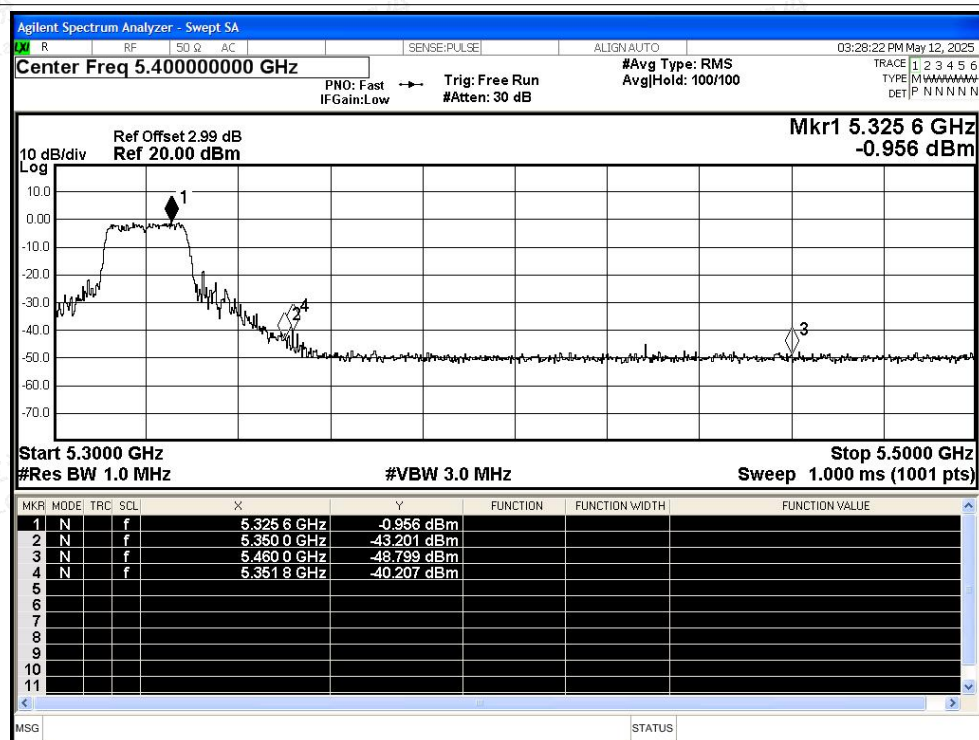
Add: 101, 201 Bldg A & 301 Bldg C, Juji Industrial Park Yabianxueziwei, Shajing Street, Baoan District, Shenzhen, 518000, China

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

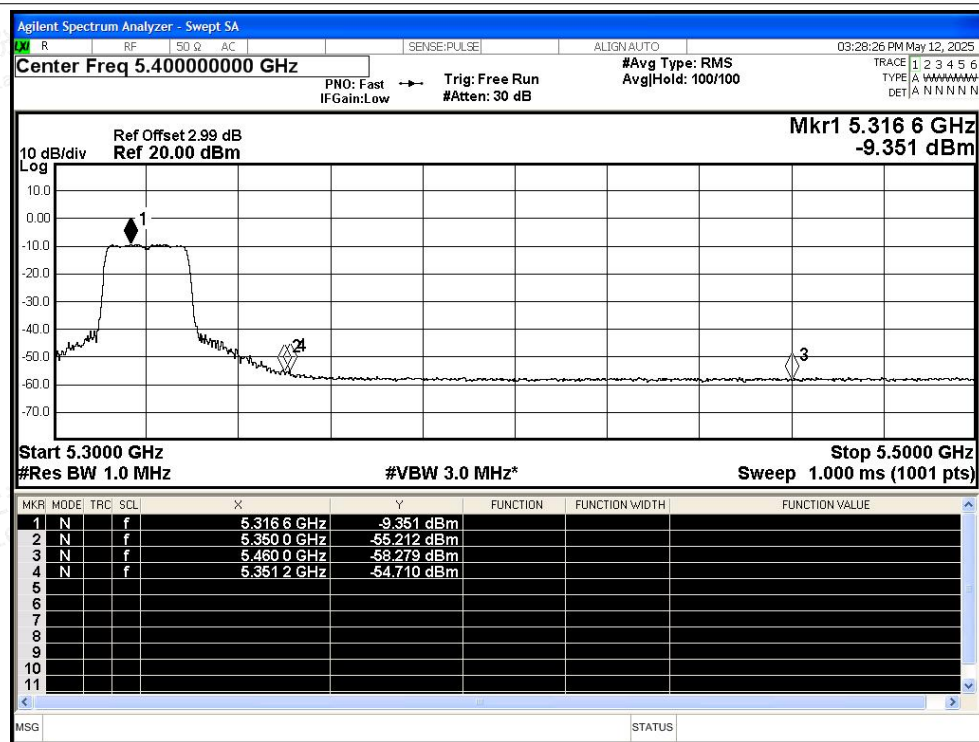
Scan code to check authenticity



Restrict Band NVNT n20 5320MHz Ant1 Peak



Restrict Band NVNT n20 5320MHz Ant1 Average



Shenzhen LCS Compliance Testing Laboratory Ltd.

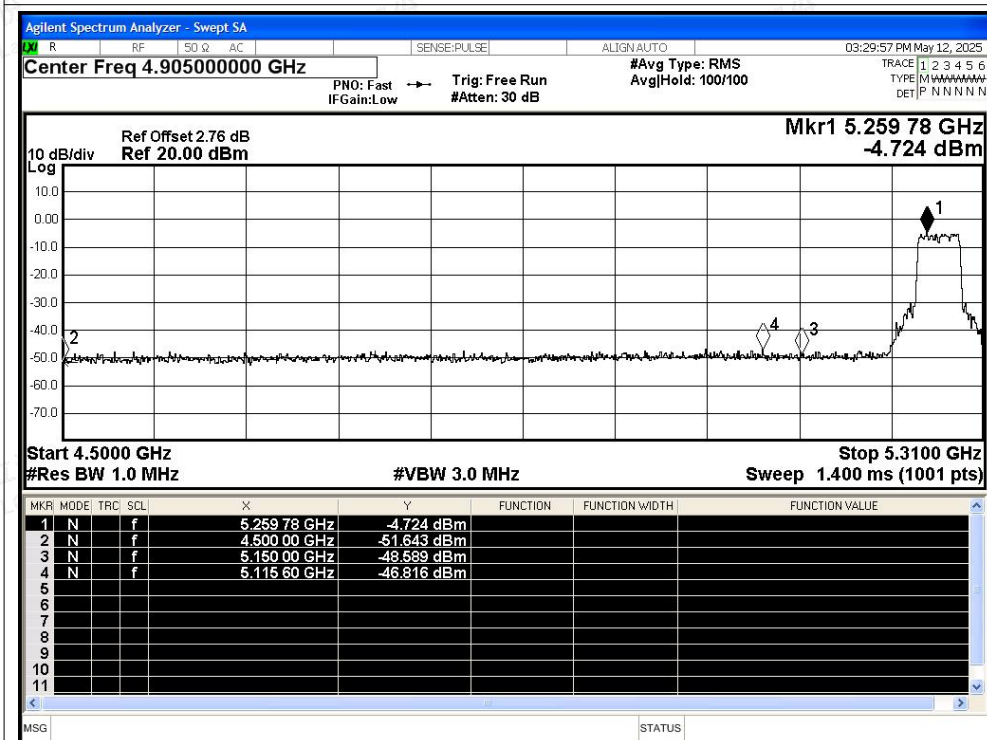
Add: 101, 201 Bldg A & 301 Bldg C, Juji Industrial Park Yabianxueziwei, Shajing Street, Baoan District, Shenzhen, 518000, China

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

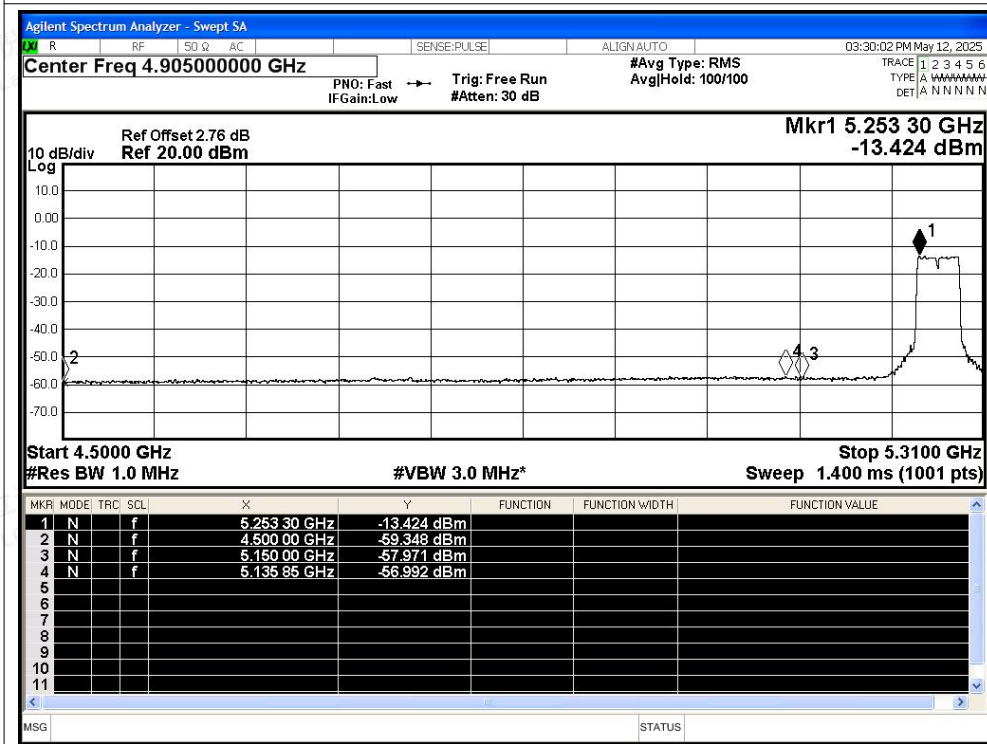
Scan code to check authenticity



Restrict Band NVNT n40 5270MHz Ant1 Peak



Restrict Band NVNT n40 5270MHz Ant1 Average



Shenzhen LCS Compliance Testing Laboratory Ltd.

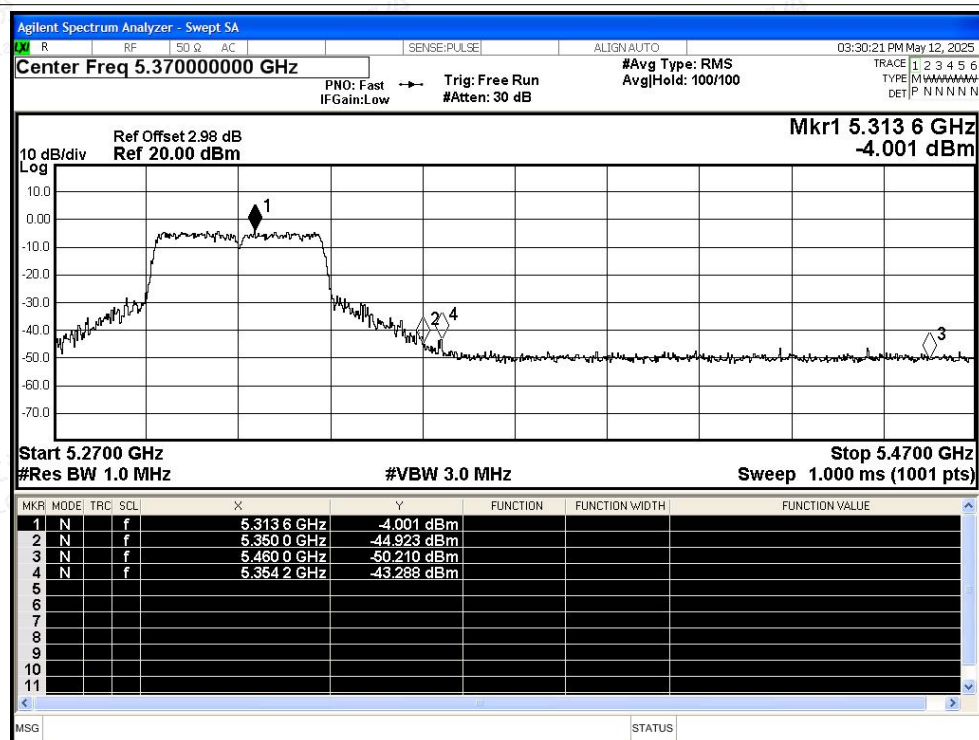
Add: 101, 201 Bldg A & 301 Bldg C, Juji Industrial Park Yabianxueziwei, Shajing Street, Baoan District, Shenzhen, 518000, China

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

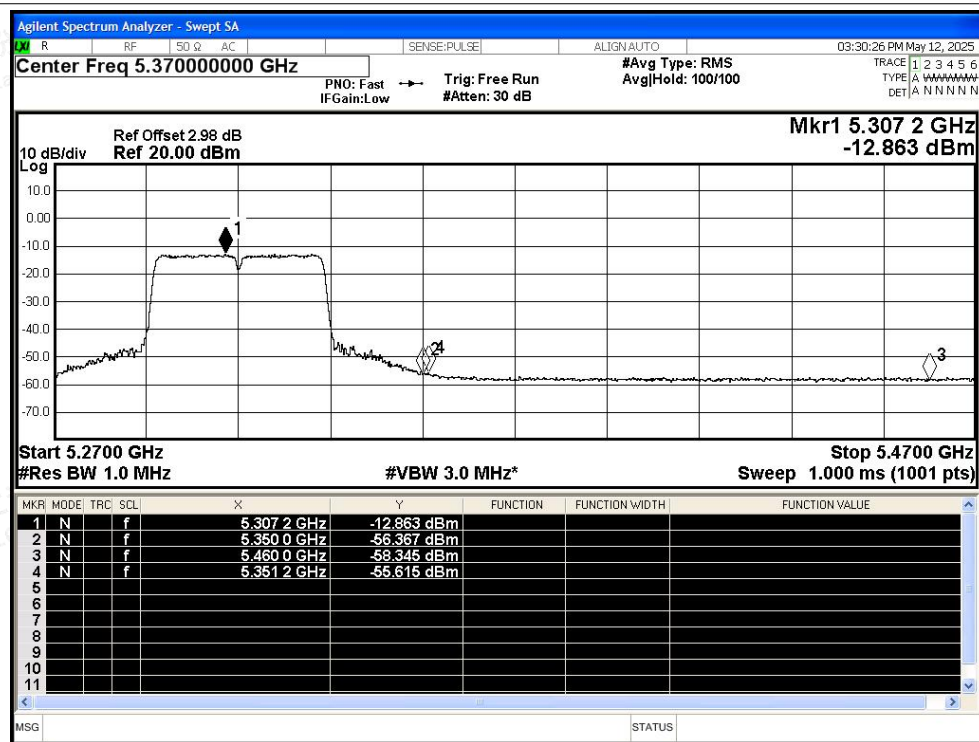
Scan code to check authenticity



Restrict Band NVNT n40 5310MHz Ant1 Peak



Restrict Band NVNT n40 5310MHz Ant1 Average



Shenzhen LCS Compliance Testing Laboratory Ltd.

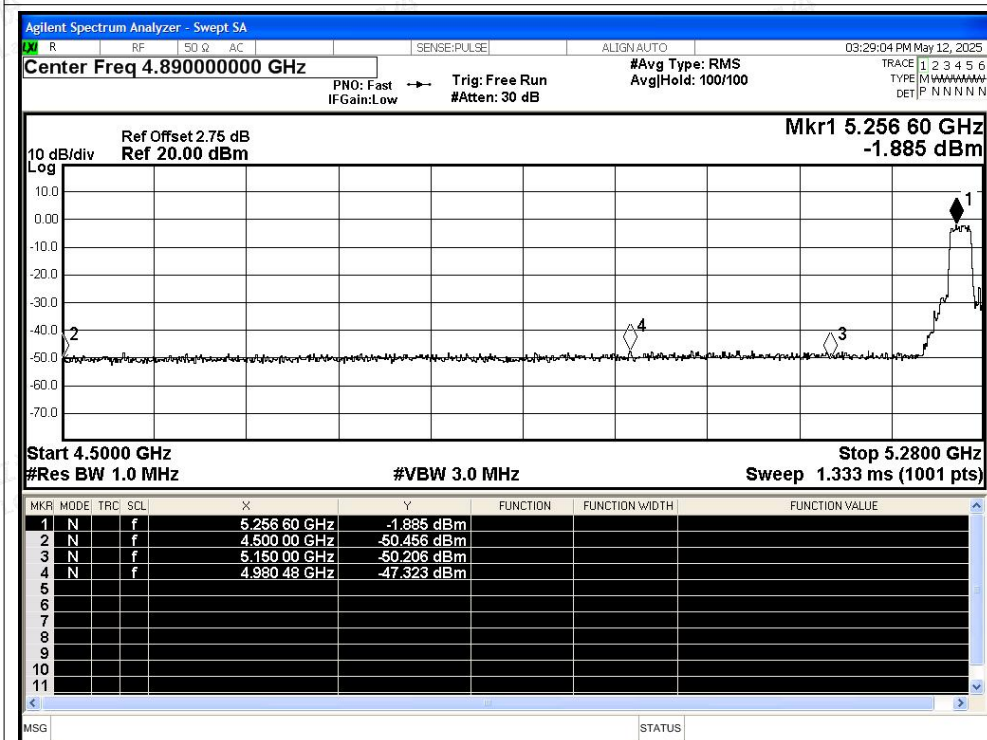
Add: 101, 201 Bldg A & 301 Bldg C, Juji Industrial Park Yabianxueziwei, Shajing Street, Baoan District, Shenzhen, 518000, China

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

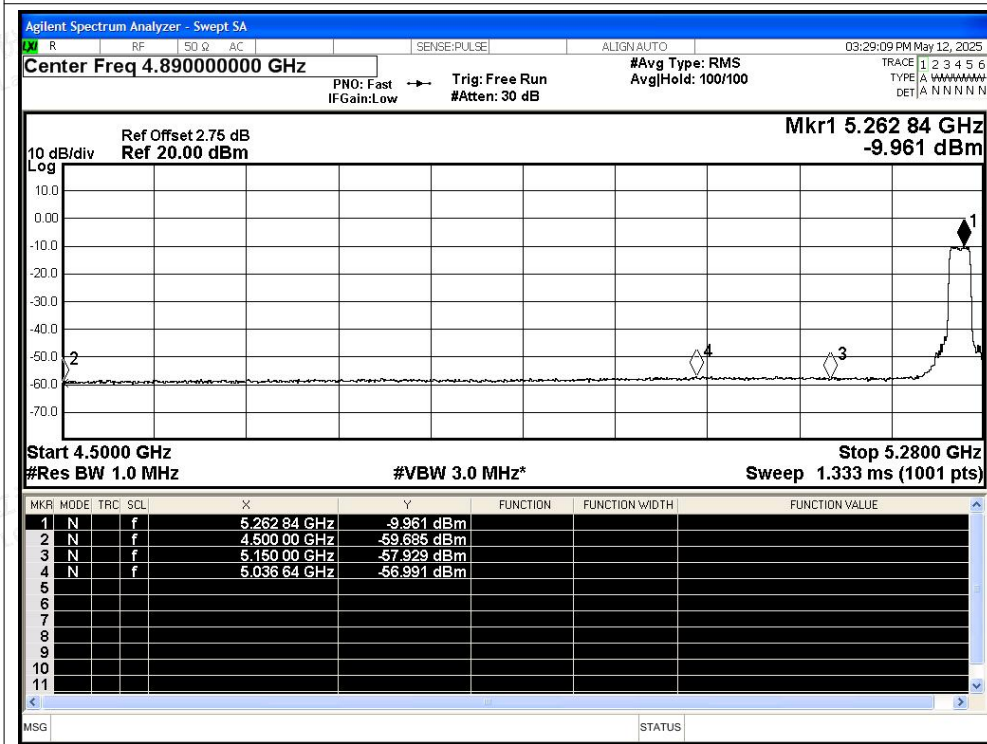
Scan code to check authenticity



Restrict Band NVNT ac20 5260MHz Ant1 Peak



Restrict Band NVNT ac20 5260MHz Ant1 Average



Shenzhen LCS Compliance Testing Laboratory Ltd.

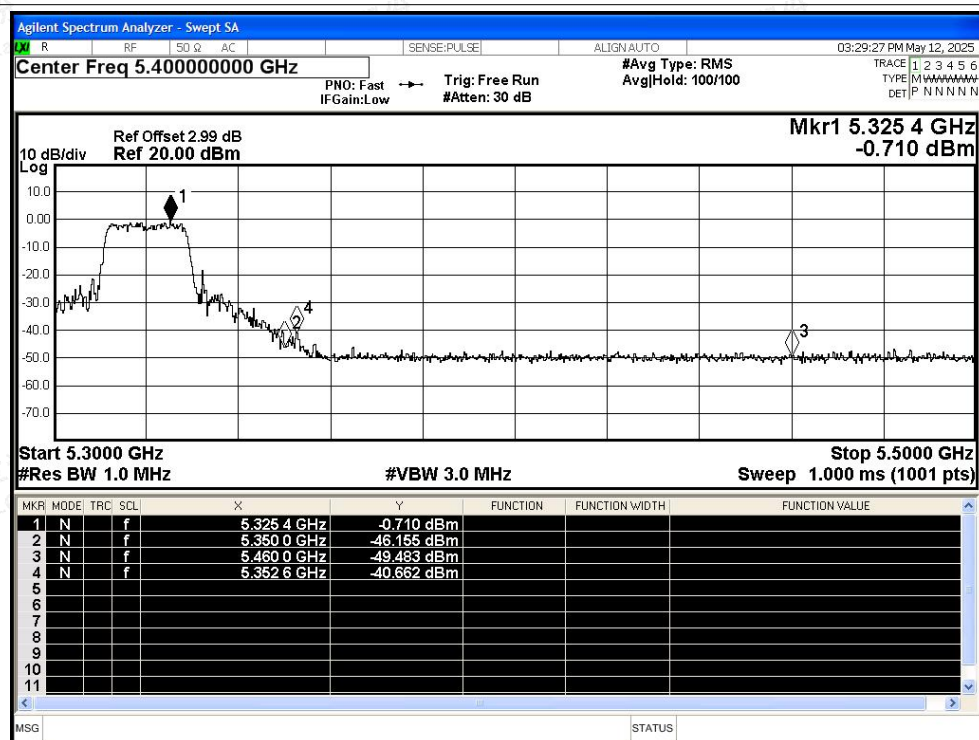
Add: 101, 201 Bldg A & 301 Bldg C, Juji Industrial Park Yabianxueziwei, Shajing Street, Baoan District, Shenzhen, 518000, China

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

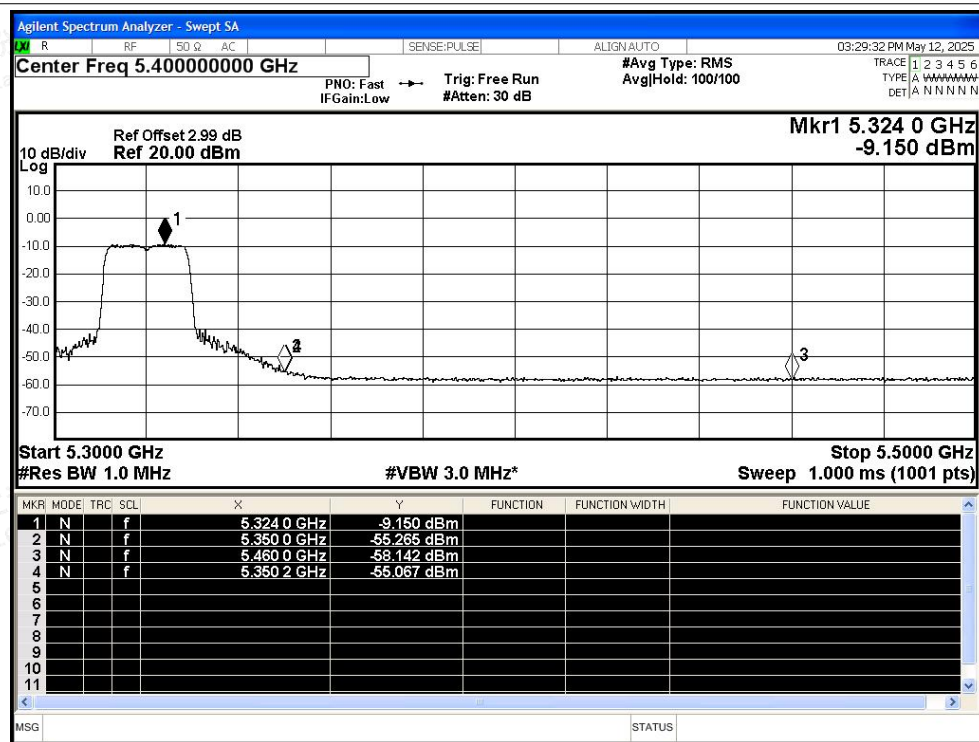
Scan code to check authenticity



Restrict Band NVNT ac20 5320MHz Ant1 Peak



Restrict Band NVNT ac20 5320MHz Ant1 Average



Shenzhen LCS Compliance Testing Laboratory Ltd.

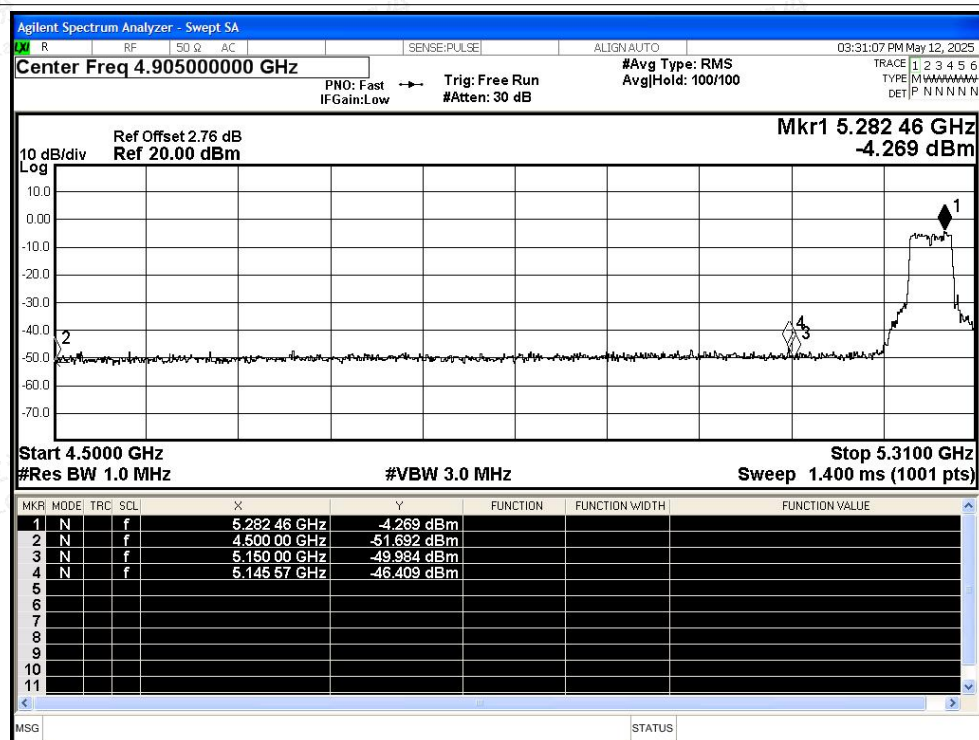
Add: 101, 201 Bldg A & 301 Bldg C, Juji Industrial Park Yabianxueziwei, Shajing Street, Baoan District, Shenzhen, 518000, China

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

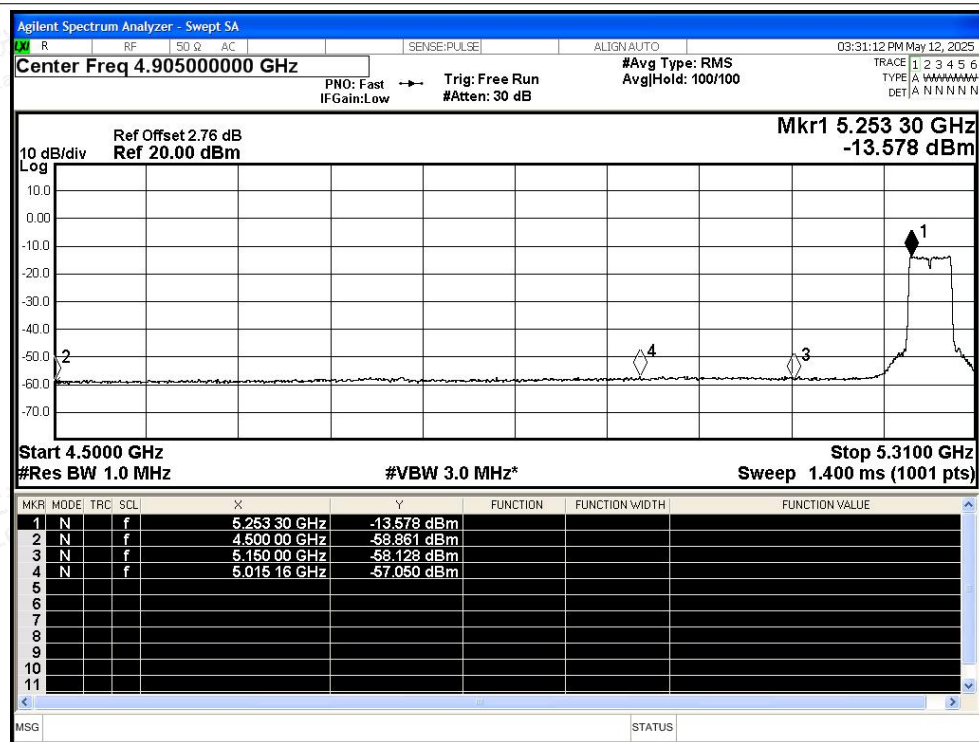
Scan code to check authenticity



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