



Appendix D

RF Test Data for 5.2GWIFI(Conducted Measurement)

Product Name: LAVA STUDIO

Test Model: LAVA STUDIO

Environmental Conditions

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





D.1 -26dB Bandwidth

Condition	Mode	Frequency (MHz)	Antenna	-26 dB Bandwidth (MHz)	Limit -26 dB Bandwidth (MHz)	Verdict
NVNT	a	5180	Ant1	26.396	---	Pass
NVNT	a	5200	Ant1	22.324	---	Pass
NVNT	a	5240	Ant1	25.511	---	Pass
NVNT	n20	5180	Ant1	25.145	---	Pass
NVNT	n20	5200	Ant1	25.77	---	Pass
NVNT	n20	5240	Ant1	27.051	---	Pass
NVNT	n40	5190	Ant1	49.035	---	Pass
NVNT	n40	5230	Ant1	44.668	---	Pass
NVNT	ac20	5180	Ant1	28.737	---	Pass
NVNT	ac20	5200	Ant1	25.962	---	Pass
NVNT	ac20	5240	Ant1	24.365	---	Pass
NVNT	ac40	5190	Ant1	42.802	---	Pass
NVNT	ac40	5230	Ant1	40.813	---	Pass
NVNT	ac80	5210	Ant1	82.257	---	Pass



Shenzhen LCS Compliance Testing Laboratory Ltd.

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

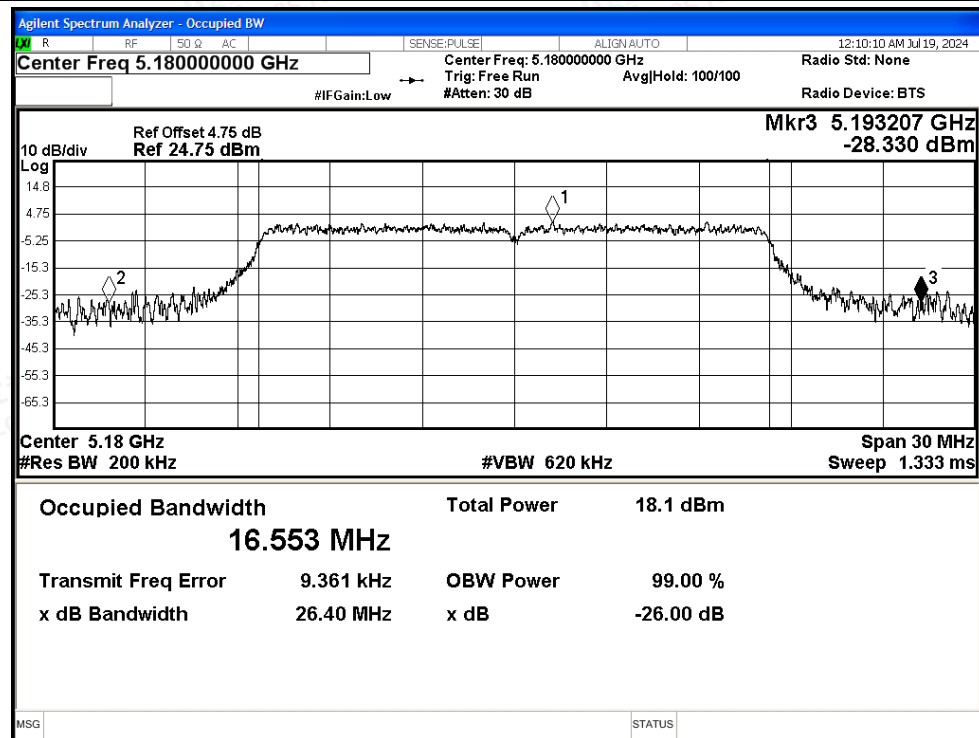
Tel: +(86) 0755-82591330 | E-mail: webmaster@lcs-cert.com | Web: www.lcs-cert.com

Scan code to check authenticity

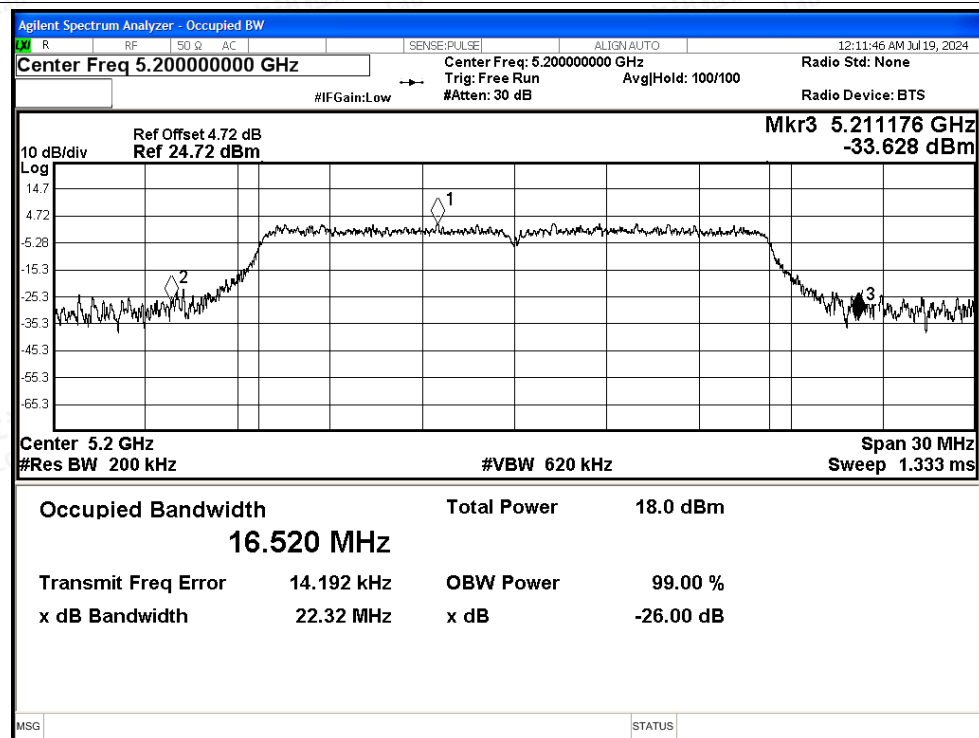


Test Graphs

-26dB Bandwidth NVNT a 5180MHz Ant1



-26dB Bandwidth NVNT a 5200MHz Ant1



Shenzhen LCS Compliance Testing Laboratory Ltd.

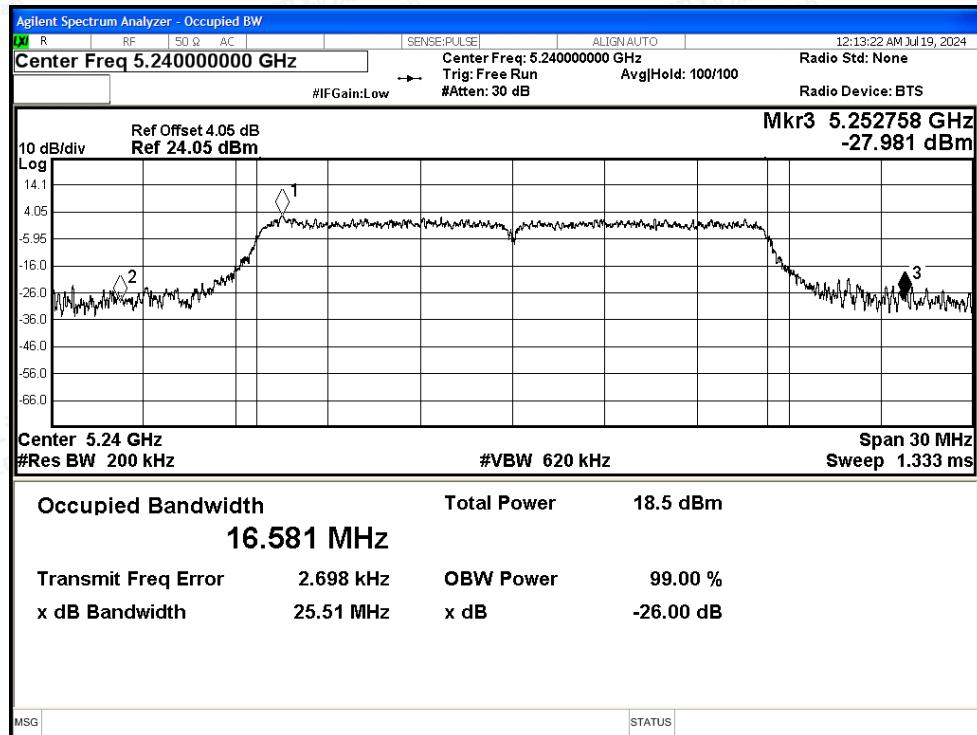
Add: 101, 201 Bldg A & 301 Bldg C, Juji Industrial Park Yabianxueziwei, Shajing Street, Baoan District, Shenzhen, 518000, China

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

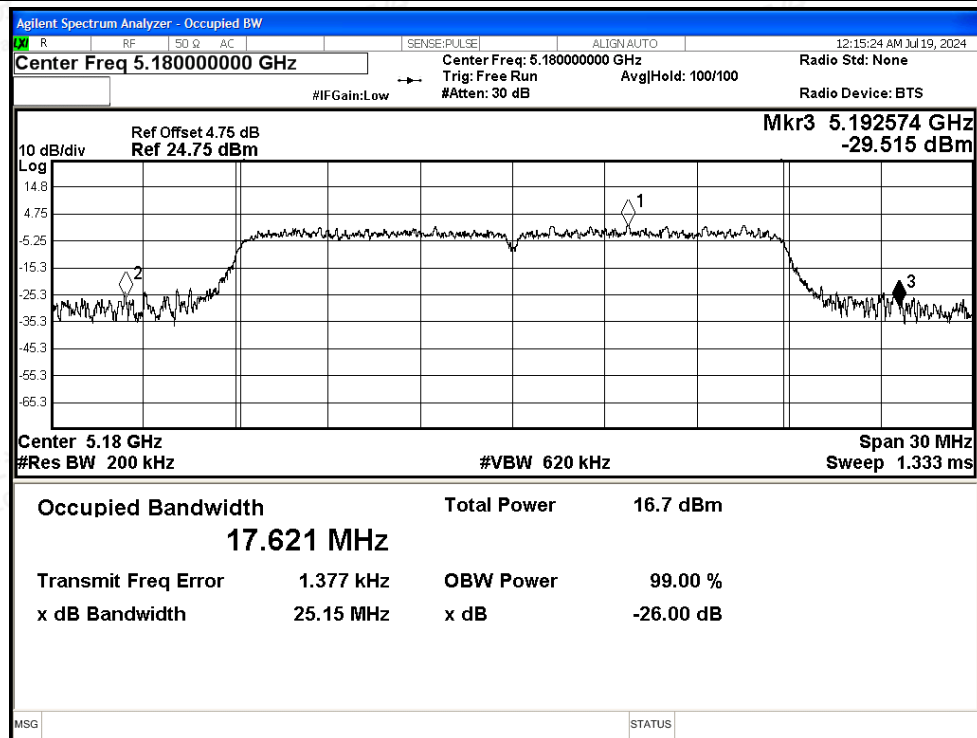
Scan code to check authenticity



-26dB Bandwidth NVNT a 5240MHz Ant1



-26dB Bandwidth NVNT n20 5180MHz Ant1



Shenzhen LCS Compliance Testing Laboratory Ltd.

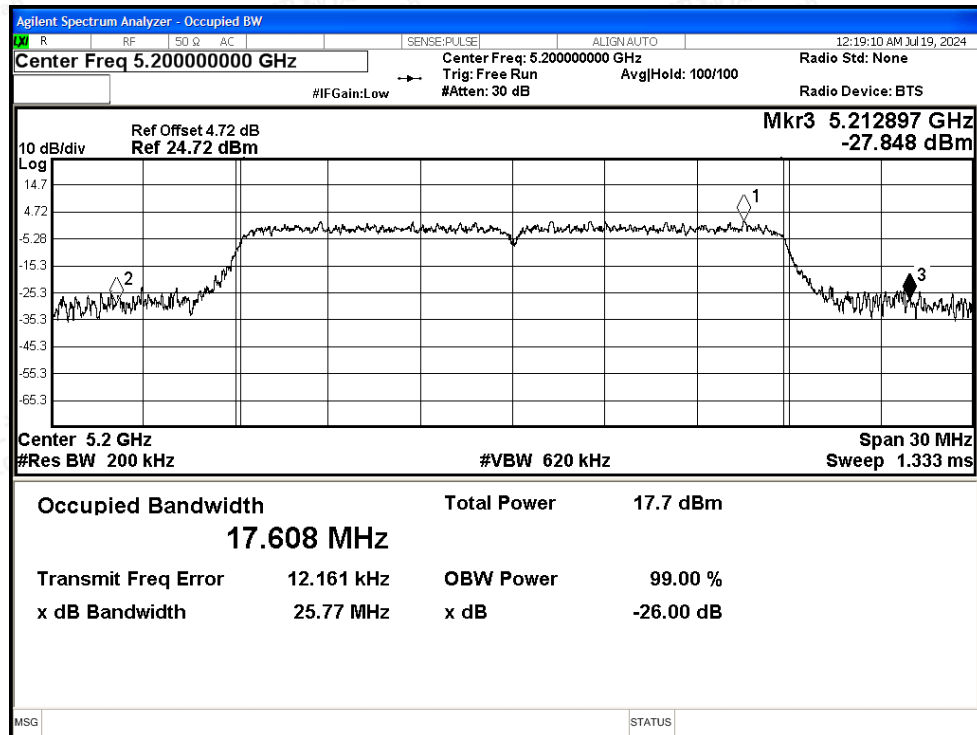
Add: 101, 201 Bldg A & 301 Bldg C, Juji Industrial Park Yabianxueziwei, Shajing Street, Baoan District, Shenzhen, 518000, China

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

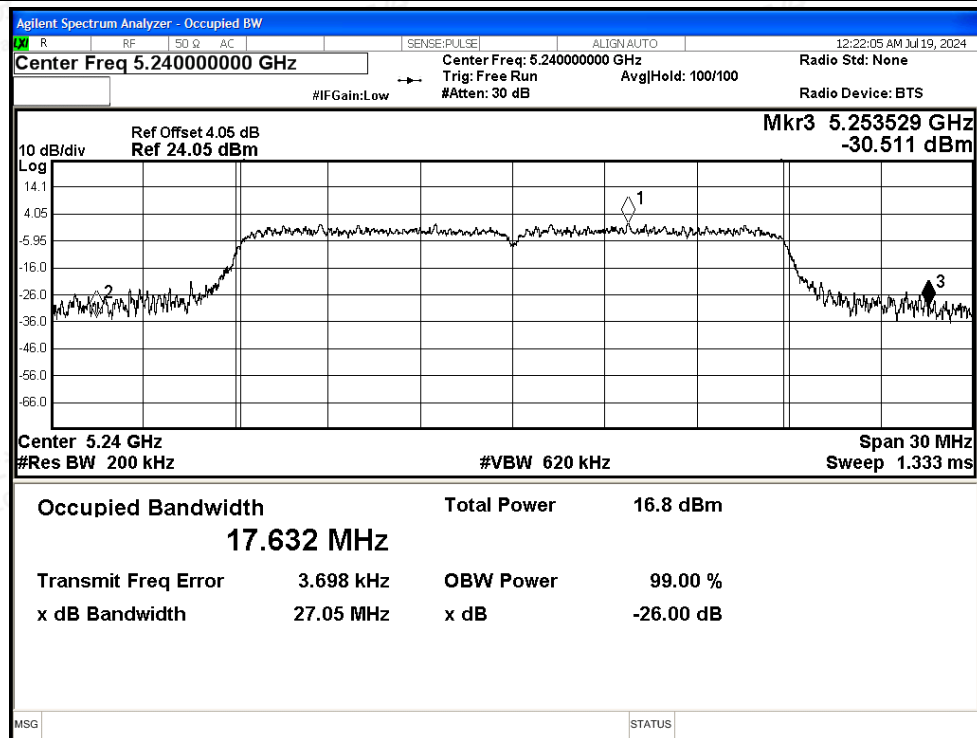
Scan code to check authenticity



-26dB Bandwidth NVNT n20 5200MHz Ant1



-26dB Bandwidth NVNT n20 5240MHz Ant1



Shenzhen LCS Compliance Testing Laboratory Ltd.

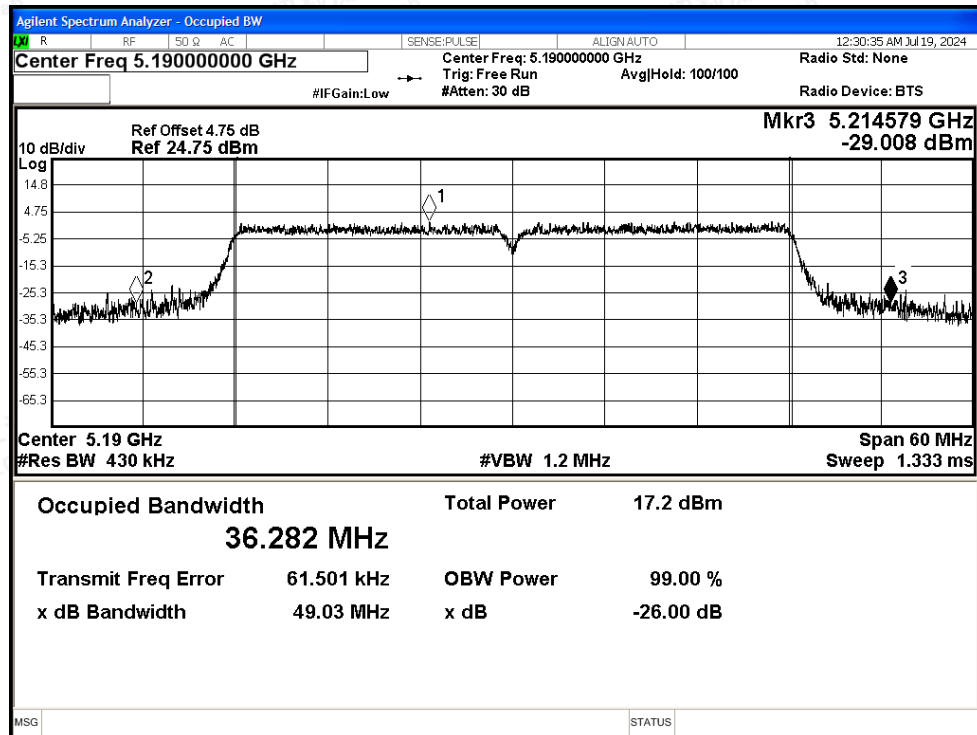
Add: 101, 201 Bldg A & 301 Bldg C, Juji Industrial Park Yabianxueziwei, Shajing Street, Baoan District, Shenzhen, 518000, China

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

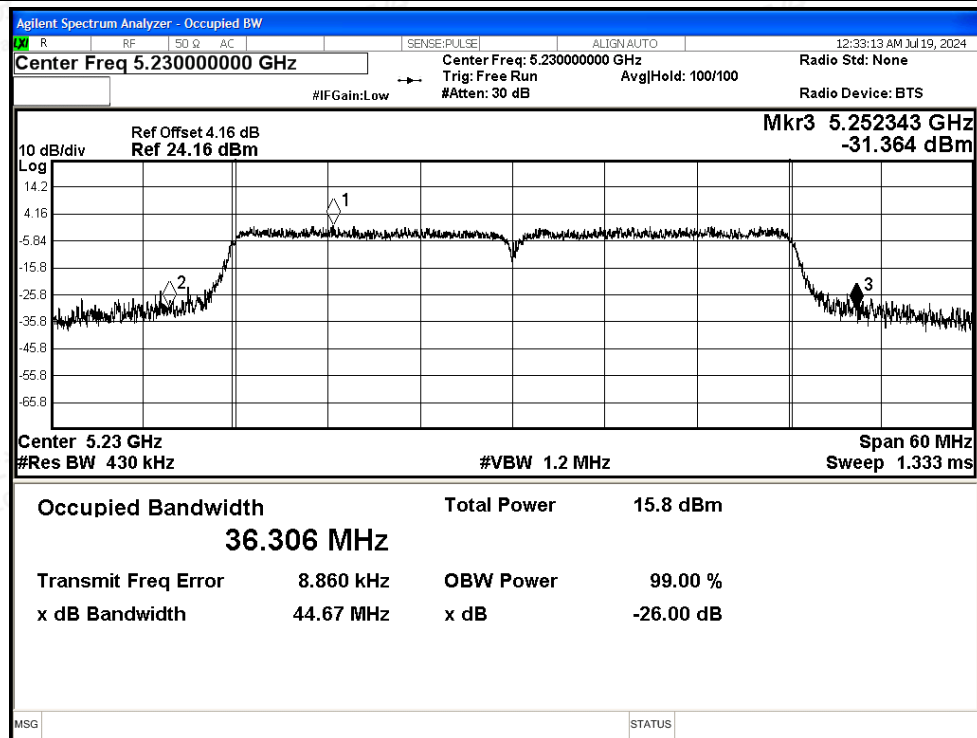
Scan code to check authenticity



-26dB Bandwidth NVNT n40 5190MHz Ant1



-26dB Bandwidth NVNT n40 5230MHz Ant1



Shenzhen LCS Compliance Testing Laboratory Ltd.

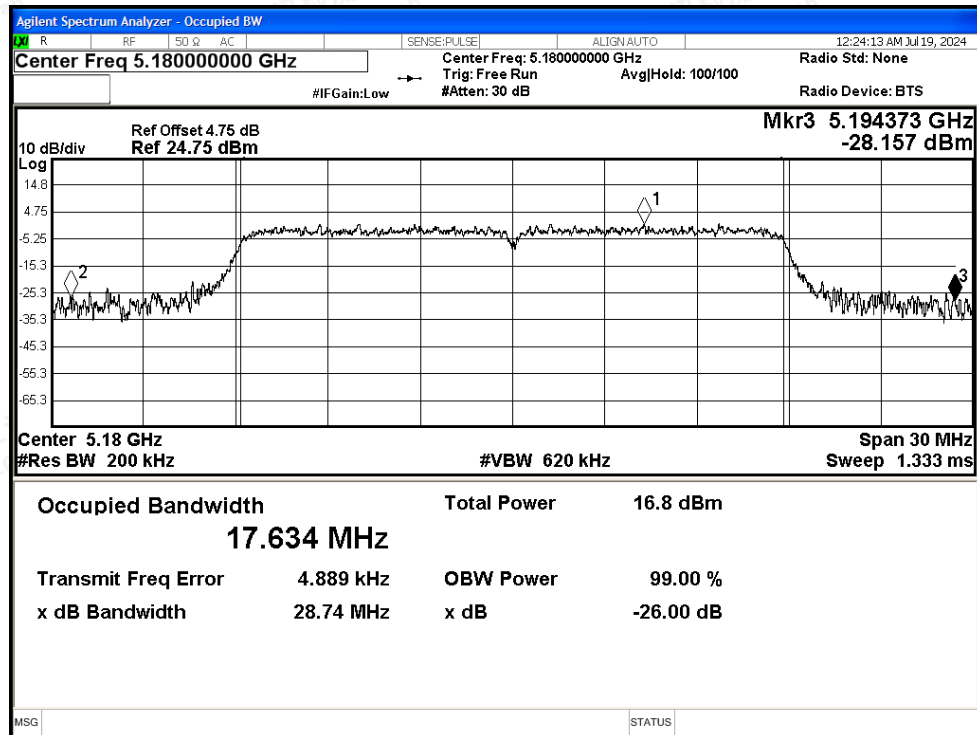
Add: 101, 201 Bldg A & 301 Bldg C, Juji Industrial Park Yabianxueziwei, Shajing Street, Baoan District, Shenzhen, 518000, China

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

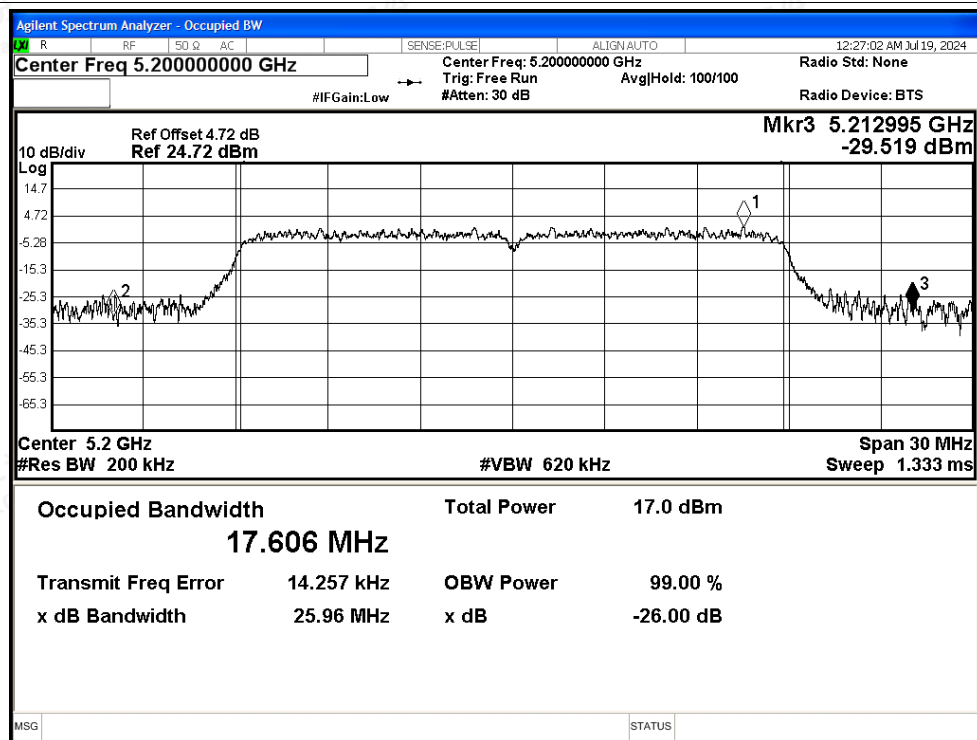
Scan code to check authenticity



-26dB Bandwidth NVNT ac20 5180MHz Ant1



-26dB Bandwidth NVNT ac20 5200MHz Ant1



Shenzhen LCS Compliance Testing Laboratory Ltd.

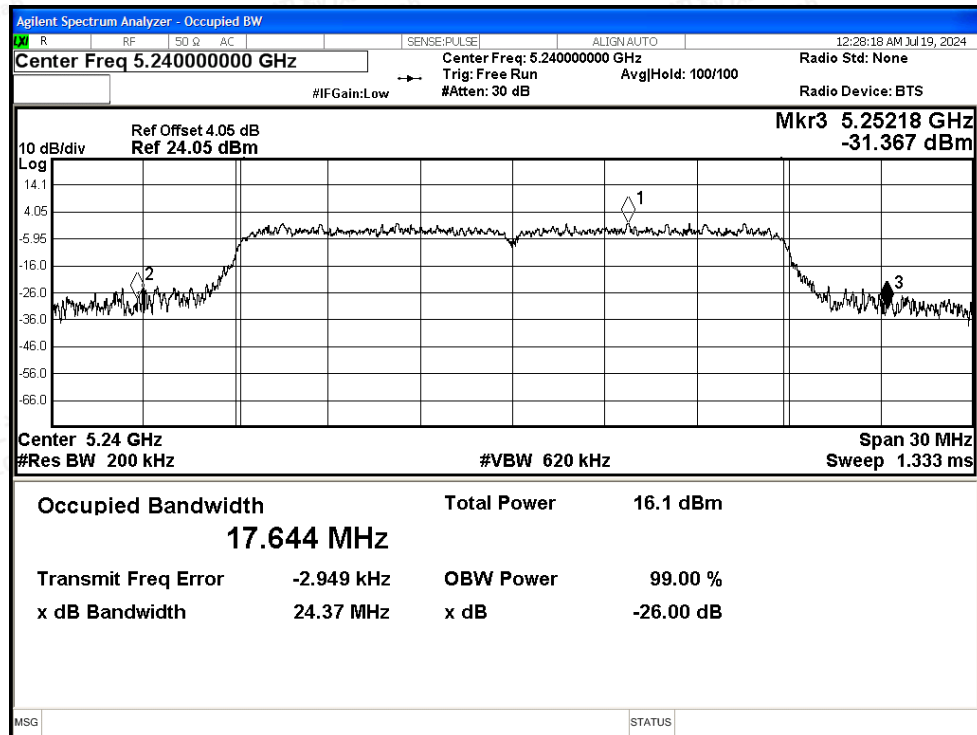
Add: 101, 201 Bldg A & 301 Bldg C, Juji Industrial Park Yabianxueziwei, Shajing Street, Baoan District, Shenzhen, 518000, China

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

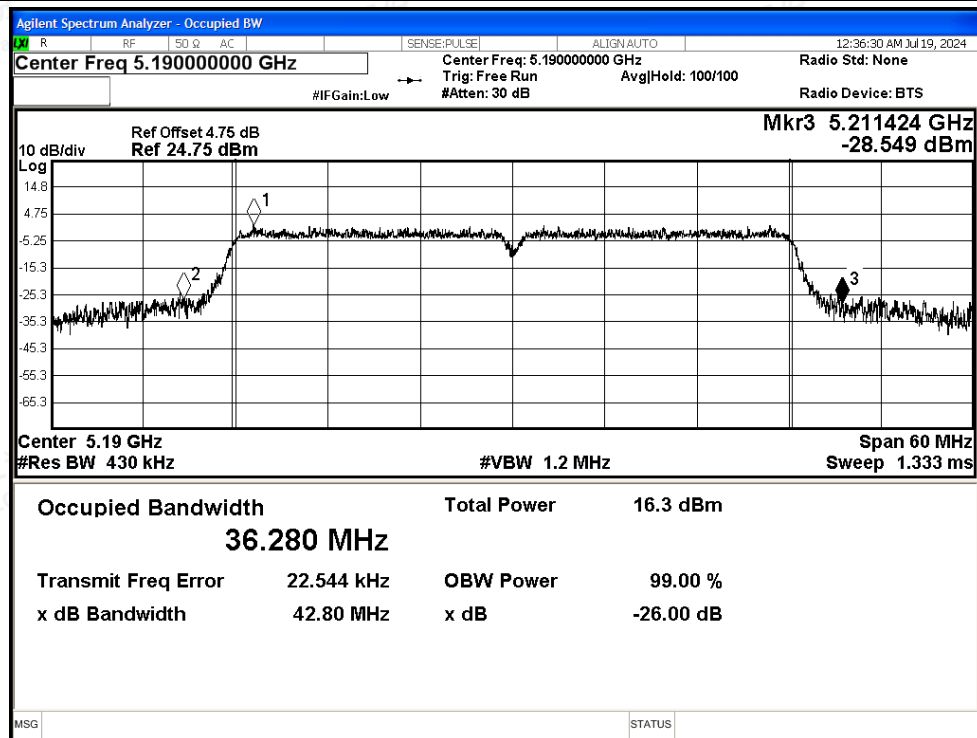
Scan code to check authenticity



-26dB Bandwidth NVNT ac20 5240MHz Ant1



-26dB Bandwidth NVNT ac40 5190MHz Ant1



Shenzhen LCS Compliance Testing Laboratory Ltd.

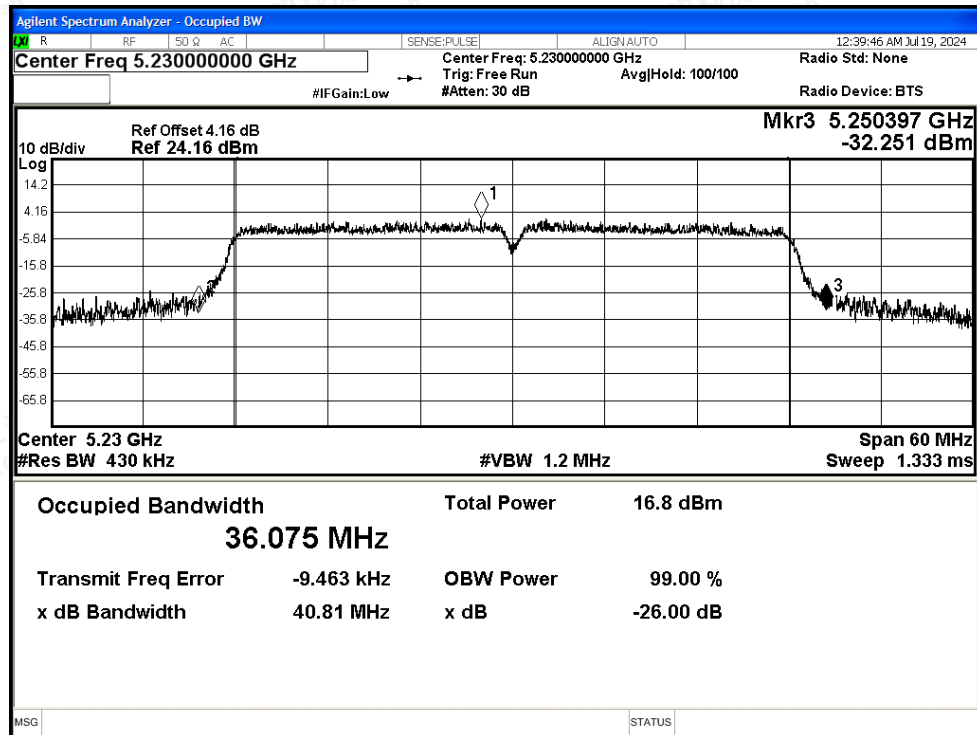
Add: 101, 201 Bldg A & 301 Bldg C, Juji Industrial Park Yabianxueziwei, Shajing Street, Baoan District, Shenzhen, 518000, China

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

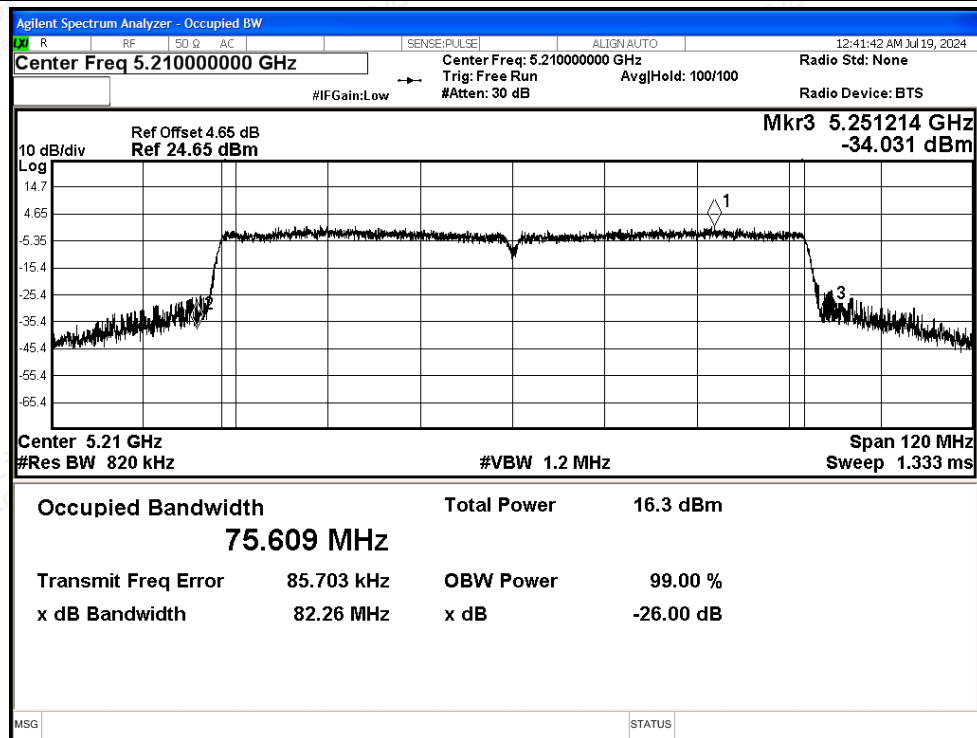
Scan code to check authenticity



-26dB Bandwidth NVNT ac40 5230MHz Ant1



-26dB Bandwidth NVNT ac80 5210MHz 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



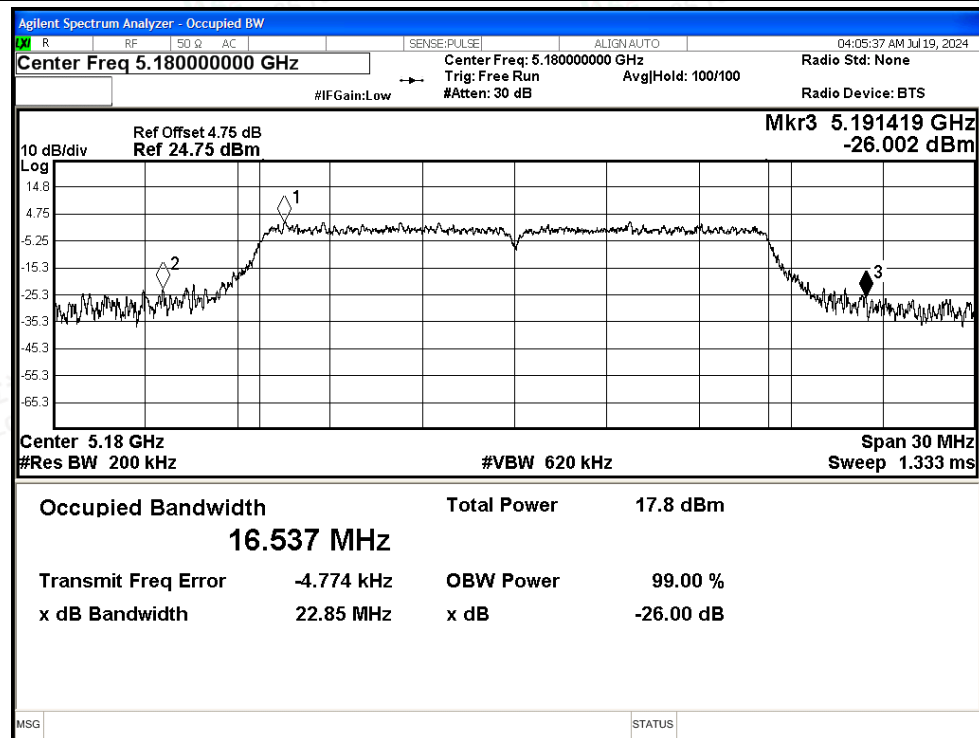
Condition	Mode	Frequency (MHz)	Antenna	-26 dB Bandwidth (MHz)	Limit -26 dB Bandwidth (MHz)	Verdict
NVNT	a	5180	Ant2	22.847	---	Pass
NVNT	a	5200	Ant2	23.042	---	Pass
NVNT	a	5240	Ant2	23.072	---	Pass
NVNT	n20	5180	Ant2	28.253	---	Pass
NVNT	n20	5200	Ant2	26.23	---	Pass
NVNT	n20	5240	Ant2	26.454	---	Pass
NVNT	n40	5190	Ant2	44.887	---	Pass
NVNT	n40	5230	Ant2	41.999	---	Pass
NVNT	ac20	5180	Ant2	26.229	---	Pass
NVNT	ac20	5200	Ant2	26.543	---	Pass
NVNT	ac20	5240	Ant2	26.736	---	Pass
NVNT	ac40	5190	Ant2	40.755	---	Pass
NVNT	ac40	5230	Ant2	40.762	---	Pass
NVNT	ac80	5210	Ant2	79.696	---	Pass



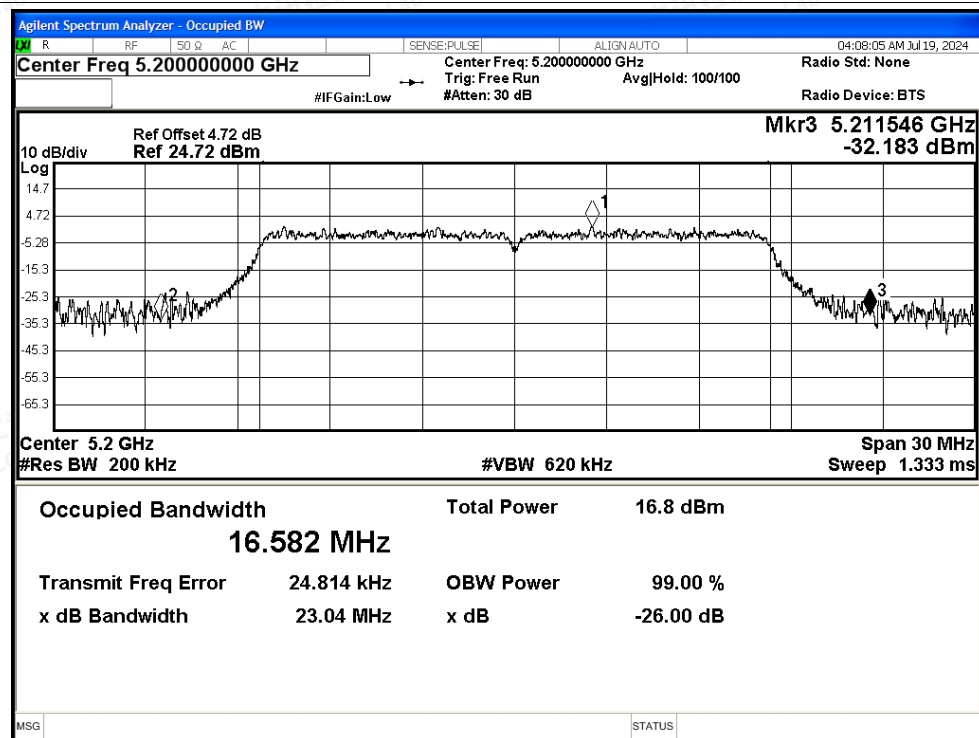


Test Graphs

-26dB Bandwidth NVNT a 5180MHz Ant2



-26dB Bandwidth NVNT a 5200MHz Ant2



Shenzhen LCS Compliance Testing Laboratory Ltd.

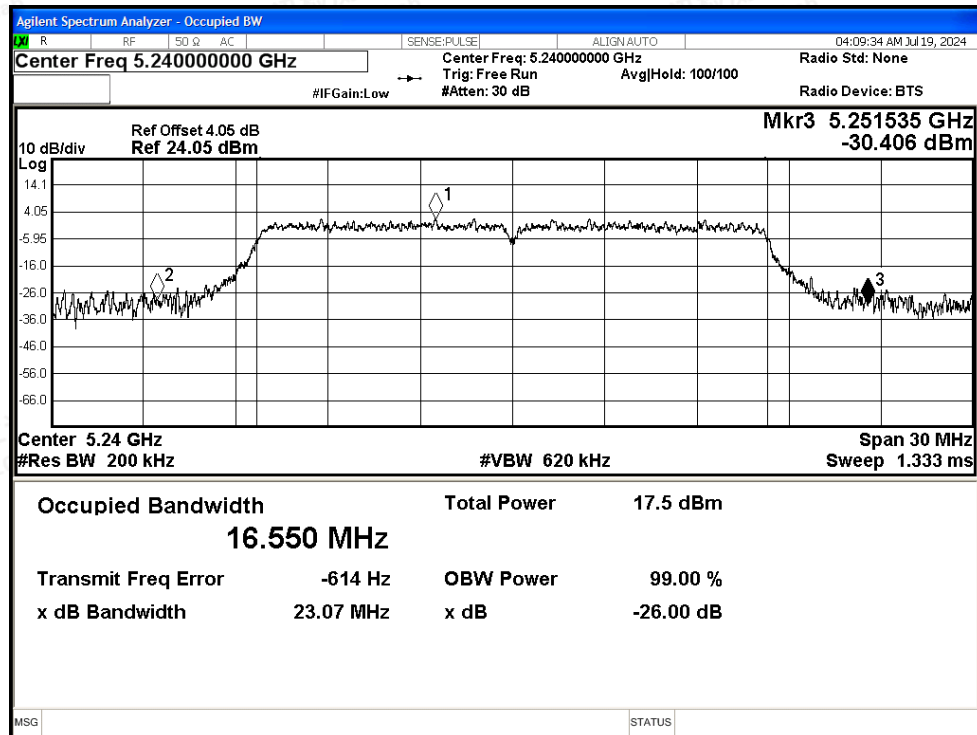
Add: 101, 201 Bldg A & 301 Bldg C, Juji Industrial Park Yabianxueziwei, Shajing Street, Baoan District, Shenzhen, 518000, China

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

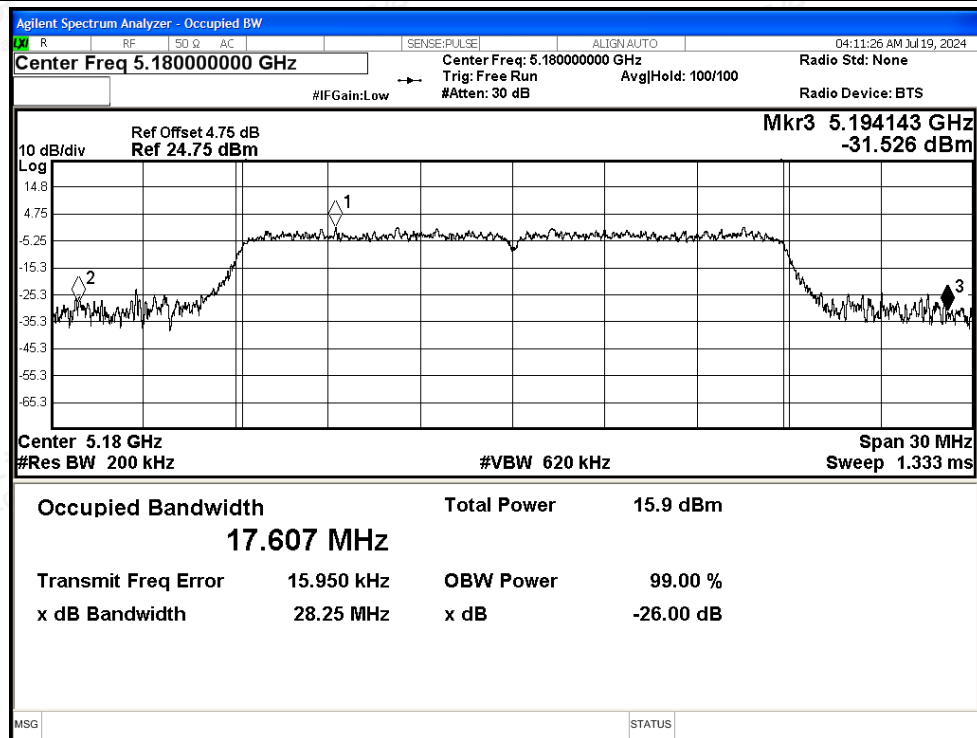
Scan code to check authenticity



-26dB Bandwidth NVNT a 5240MHz Ant2



-26dB Bandwidth NVNT n20 5180MHz Ant2



Shenzhen LCS Compliance Testing Laboratory Ltd.

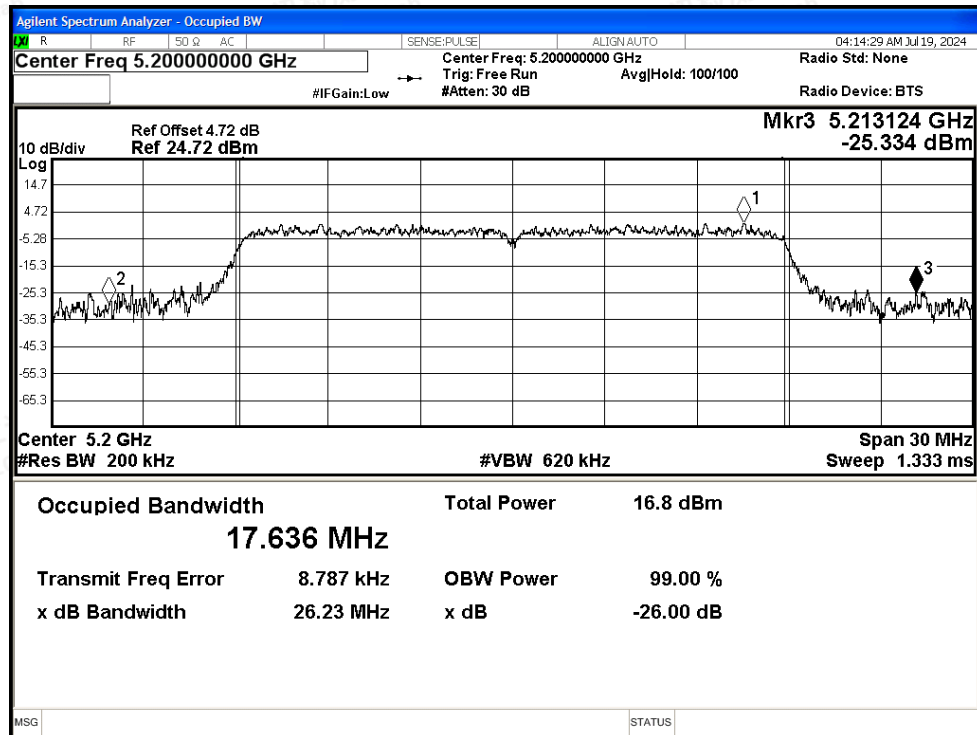
Add: 101, 201 Bldg A & 301 Bldg C, Juji Industrial Park Yabianxueziwei, Shajing Street, Baoan District, Shenzhen, 518000, China

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

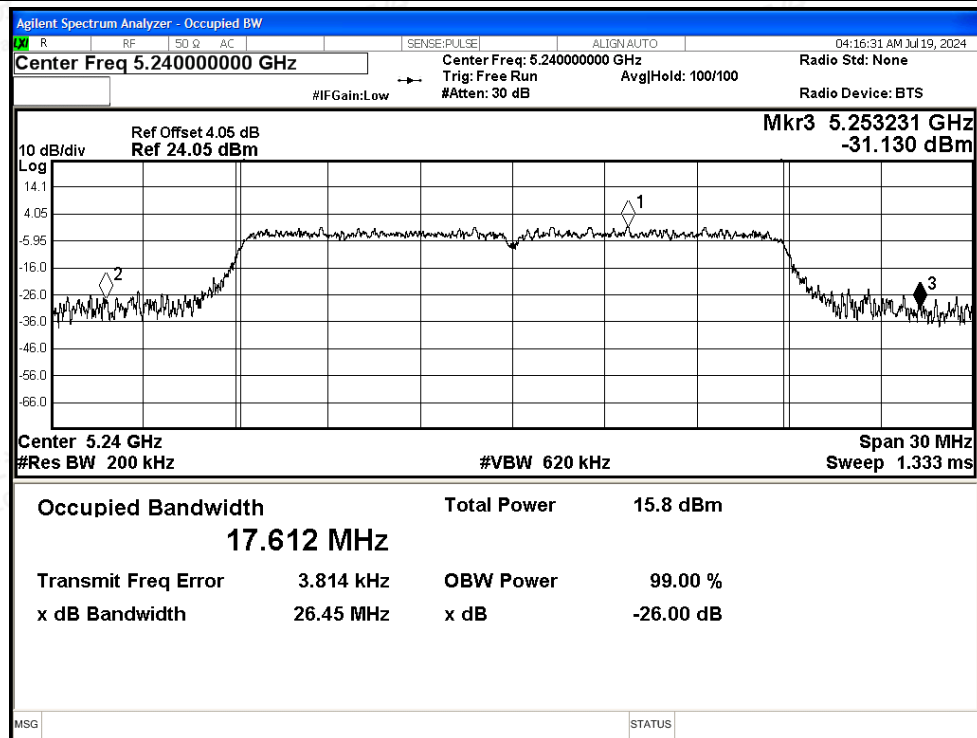
Scan code to check authenticity



-26dB Bandwidth NVNT n20 5200MHz Ant2



-26dB Bandwidth NVNT n20 5240MHz Ant2



Shenzhen LCS Compliance Testing Laboratory Ltd.

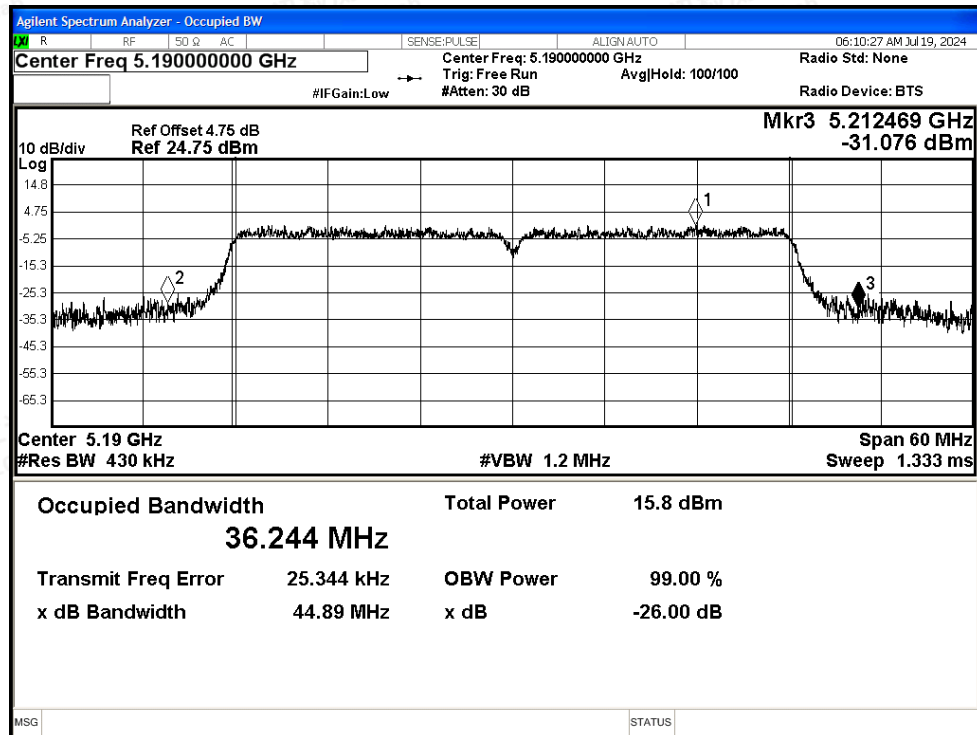
Add: 101, 201 Bldg A & 301 Bldg C, Juji Industrial Park Yabianxueziwei, Shajing Street, Baoan District, Shenzhen, 518000, China

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

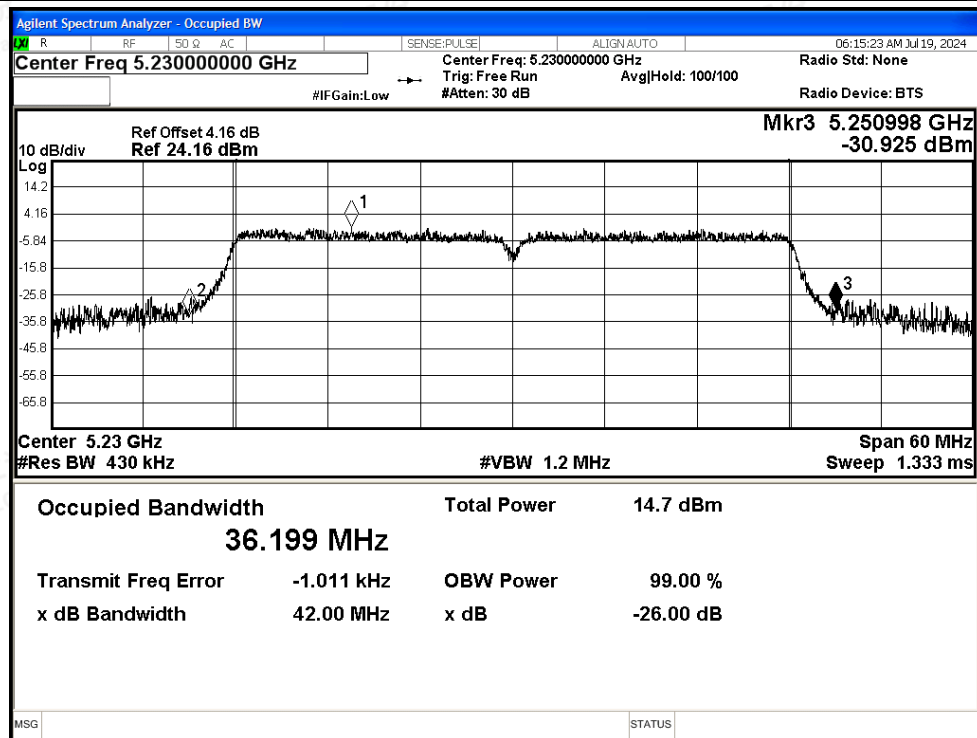
Scan code to check authenticity



-26dB Bandwidth NVNT n40 5190MHz Ant2



-26dB Bandwidth NVNT n40 5230MHz Ant2



Shenzhen LCS Compliance Testing Laboratory Ltd.

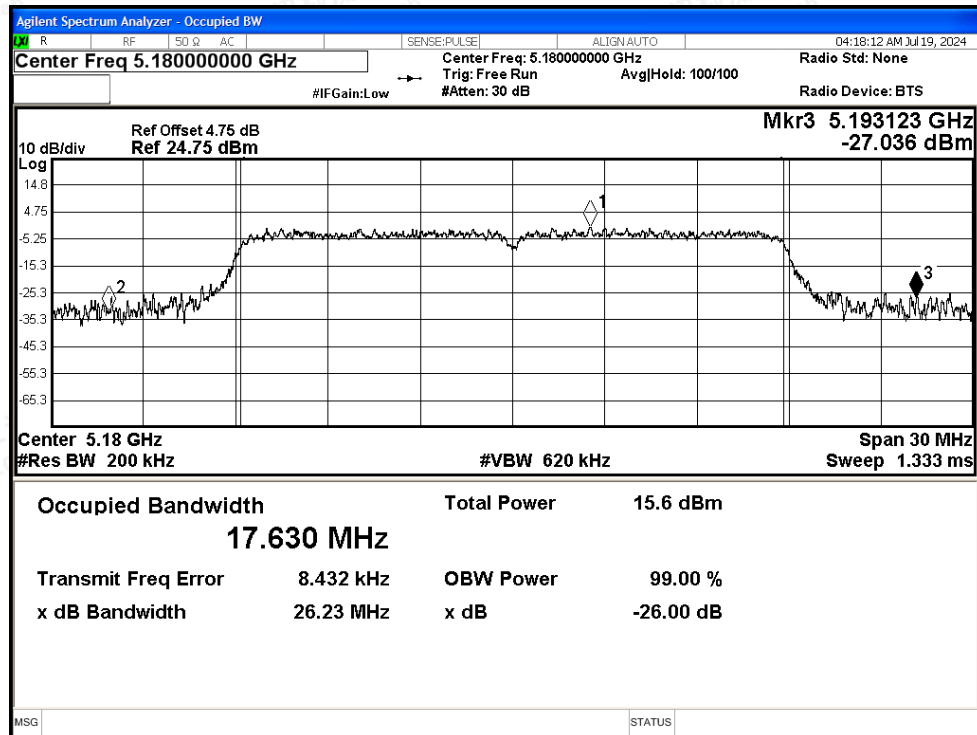
Add: 101, 201 Bldg A & 301 Bldg C, Juji Industrial Park Yabianxueziwei, Shajing Street, Baoan District, Shenzhen, 518000, China

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

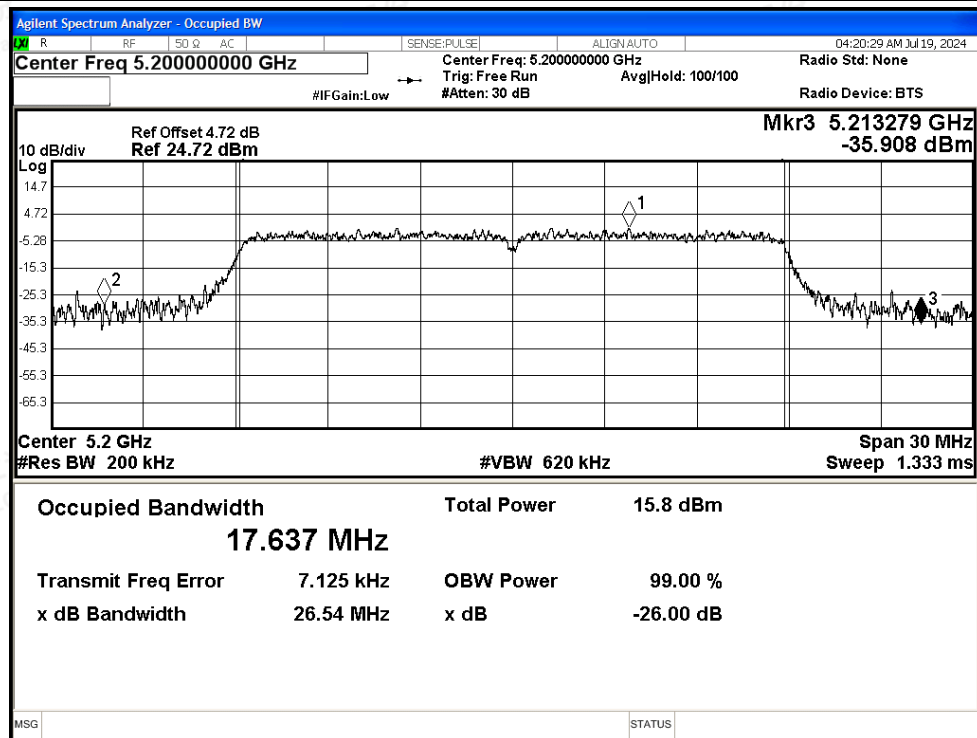
Scan code to check authenticity



-26dB Bandwidth NVNT ac20 5180MHz Ant2



-26dB Bandwidth NVNT ac20 5200MHz Ant2



Shenzhen LCS Compliance Testing Laboratory Ltd.

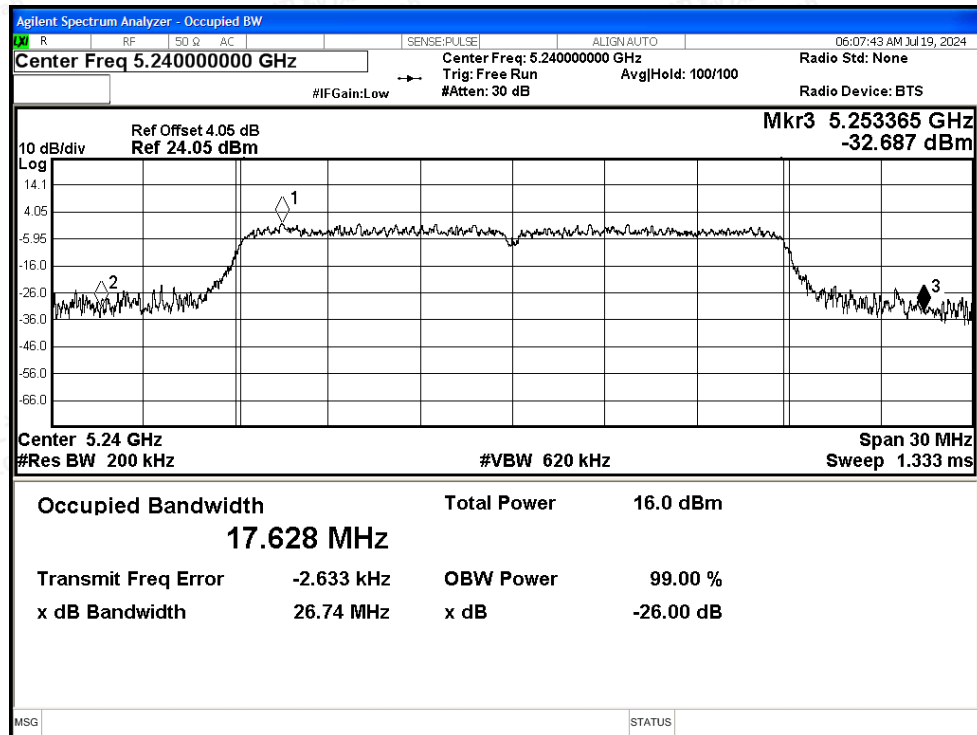
Add: 101, 201 Bldg A & 301 Bldg C, Juji Industrial Park Yabianxueziwei, Shajing Street, Baoan District, Shenzhen, 518000, China

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

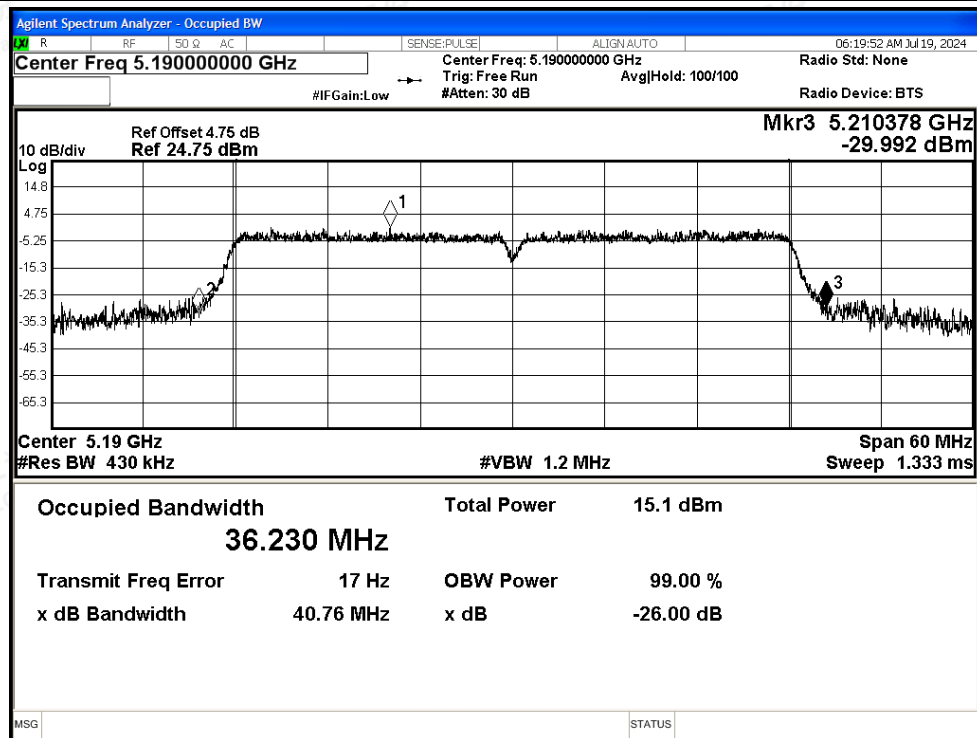
Scan code to check authenticity



-26dB Bandwidth NVNT ac20 5240MHz Ant2



-26dB Bandwidth NVNT ac40 5190MHz Ant2



Shenzhen LCS Compliance Testing Laboratory Ltd.

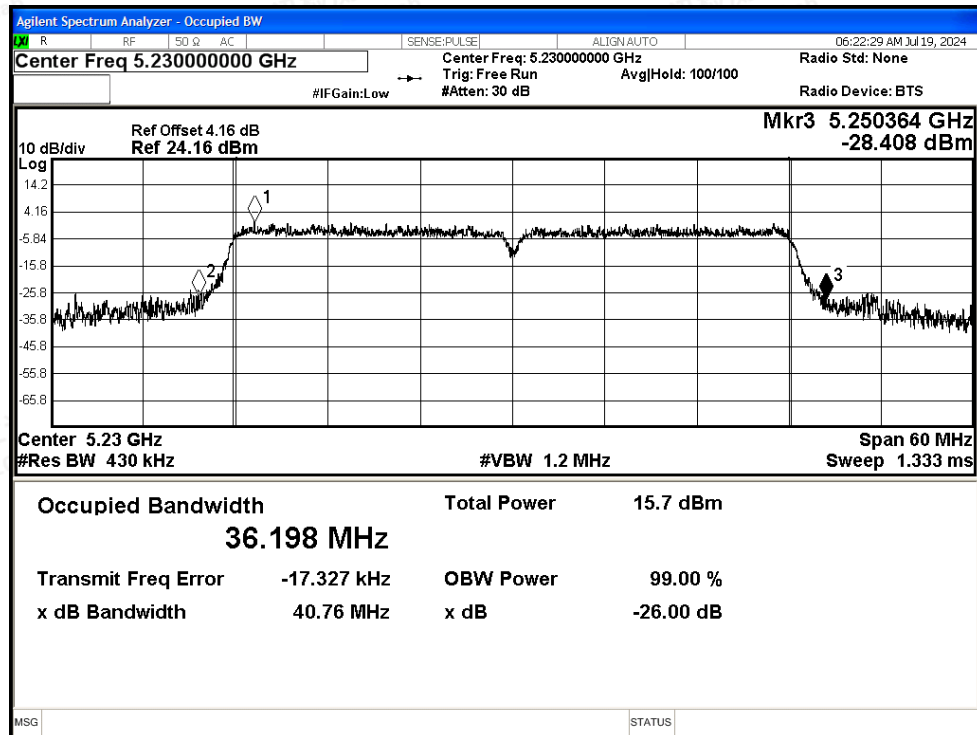
Add: 101, 201 Bldg A & 301 Bldg C, Juji Industrial Park Yabianxueziwei, Shajing Street, Baoan District, Shenzhen, 518000, China

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

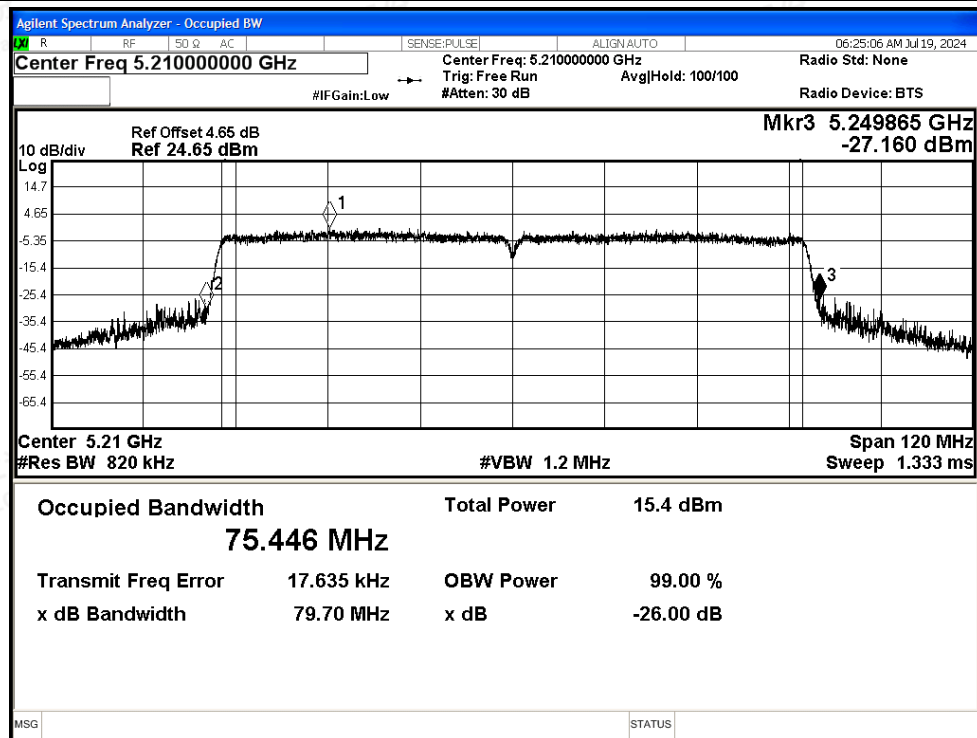
Scan code to check authenticity



-26dB Bandwidth NVNT ac40 5230MHz Ant2



-26dB Bandwidth NVNT ac80 5210MHz Ant2



Shenzhen LCS Compliance Testing Laboratory Ltd.

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

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

Scan code to check authenticity



D.2 Maximum Conducted Output Power

Condition	Mode	Frequency (MHz)	Antenna	Conducted Power (dBm)	Duty Factor (dB)	Total Power (dBm)	Limit (dBm)	Verdict
NVNT	a	5180	Ant1	12.46	0.24	12.7	24	Pass
NVNT	a	5200	Ant1	12.21	0.24	12.45	24	Pass
NVNT	a	5240	Ant1	12.72	0.24	12.96	24	Pass
NVNT	n20	5180	Ant1	11.39	0.28	11.67	24	Pass
NVNT	n20	5200	Ant1	11.46	0.28	11.74	24	Pass
NVNT	n20	5240	Ant1	10.93	0.28	11.21	24	Pass
NVNT	n40	5190	Ant1	10.84	0.44	11.28	24	Pass
NVNT	n40	5230	Ant1	10	0.45	10.45	24	Pass
NVNT	ac20	5180	Ant1	11.21	0.28	11.49	24	Pass
NVNT	ac20	5200	Ant1	11.12	0.28	11.4	24	Pass
NVNT	ac20	5240	Ant1	10.14	0.28	10.42	24	Pass
NVNT	ac40	5190	Ant1	10.4	0.45	10.85	24	Pass
NVNT	ac40	5230	Ant1	10.65	0.44	11.09	24	Pass
NVNT	ac80	5210	Ant1	9.26	0.62	9.88	24	Pass

Condition	Mode	Frequency (MHz)	Antenna	Conducted Power (dBm)	Duty Factor (dB)	Total Power (dBm)	Limit (dBm)	Verdict
NVNT	a	5180	Ant2	11.77	0.24	12.01	24	Pass
NVNT	a	5200	Ant2	11.06	0.24	11.3	24	Pass
NVNT	a	5240	Ant2	11.39	0.24	11.63	24	Pass
NVNT	n20	5180	Ant2	10.16	0.28	10.44	24	Pass
NVNT	n20	5200	Ant2	10.16	0.28	10.44	24	Pass
NVNT	n20	5240	Ant2	10.17	0.28	10.45	24	Pass
NVNT	n40	5190	Ant2	9.72	0.12	9.84	24	Pass
NVNT	n40	5230	Ant2	9.8	0.12	9.92	24	Pass
NVNT	ac20	5180	Ant2	10	0.28	10.28	24	Pass
NVNT	ac20	5200	Ant2	10.08	0.28	10.36	24	Pass
NVNT	ac20	5240	Ant2	10.11	0.28	10.39	24	Pass
NVNT	ac40	5190	Ant2	9.34	0.12	9.46	24	Pass
NVNT	ac40	5230	Ant2	9.81	0.12	9.93	24	Pass
NVNT	ac80	5210	Ant2	8.95	0.25	9.2	24	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



MIMO

Condition	Mode	Frequency (MHz)	Total Power (dBm)			Limit (dBm)	Verdict
			Ant1	Ant2	Ant1+Ant2		
NVNT	n20	5180	11.67	10.44	14.11	24	Pass
NVNT	n20	5200	11.74	10.44	14.15	24	Pass
NVNT	n20	5240	11.21	10.45	13.86	24	Pass
NVNT	n40	5190	11.28	9.84	13.63	24	Pass
NVNT	n40	5230	10.45	9.92	13.20	24	Pass
NVNT	ac20	5180	11.49	10.28	13.94	24	Pass
NVNT	ac20	5200	11.4	10.36	13.92	24	Pass
NVNT	ac20	5240	10.42	10.39	13.42	24	Pass
NVNT	ac40	5190	10.85	9.46	13.22	24	Pass
NVNT	ac40	5230	11.09	9.93	13.56	24	Pass
NVNT	ac80	5210	9.88	9.2	12.56	24	Pass





D.3 Maximum Power Spectral Density Level

Condition	Mode	Frequency (MHz)	Antenna	Conducted PSD (dBm/MHz)	Duty Factor (dB)	Total PSD(dBm/MHz)	Limit (dBm/MHz)	Verdict
NVNT	a	5180	Ant1	1.8	0.24	2.04	11	Pass
NVNT	a	5200	Ant1	1.13	0.24	1.37	11	Pass
NVNT	a	5240	Ant1	2.19	0.24	2.43	11	Pass
NVNT	n20	5180	Ant1	0.09	0.28	0.37	11	Pass
NVNT	n20	5200	Ant1	1.06	0.28	1.34	11	Pass
NVNT	n20	5240	Ant1	0.17	0.28	0.45	11	Pass
NVNT	n40	5190	Ant1	-2.44	0.44	-2	11	Pass
NVNT	n40	5230	Ant1	-4.09	0.45	-3.64	11	Pass
NVNT	ac20	5180	Ant1	0.43	0.28	0.71	11	Pass
NVNT	ac20	5200	Ant1	0.41	0.28	0.69	11	Pass
NVNT	ac20	5240	Ant1	-0.45	0.28	-0.17	11	Pass
NVNT	ac40	5190	Ant1	-3.55	0.45	-3.1	11	Pass
NVNT	ac40	5230	Ant1	-2.68	0.44	-2.24	11	Pass
NVNT	ac80	5210	Ant1	-6.93	0.62	-6.31	11	Pass

Condition	Mode	Frequency (MHz)	Antenna	Conducted PSD (dBm/MHz)	Duty Factor (dB)	Total PSD (dBm/MHz)	Limit (dBm/MHz)	Verdict
NVNT	a	5180	Ant2	1.62	0.24	1.86	11	Pass
NVNT	a	5200	Ant2	0.33	0.24	0.57	11	Pass
NVNT	a	5240	Ant2	1.54	0.24	1.78	11	Pass
NVNT	n20	5180	Ant2	-0.34	0.28	-0.06	11	Pass
NVNT	n20	5200	Ant2	-0.89	0.28	-0.61	11	Pass
NVNT	n20	5240	Ant2	-0.71	0.28	-0.43	11	Pass
NVNT	n40	5190	Ant2	-3.56	0.12	-3.44	11	Pass
NVNT	n40	5230	Ant2	-4.53	0.12	-4.41	11	Pass
NVNT	ac20	5180	Ant2	-0.84	0.28	-0.56	11	Pass
NVNT	ac20	5200	Ant2	-0.68	0.28	-0.4	11	Pass
NVNT	ac20	5240	Ant2	-0.03	0.28	0.25	11	Pass
NVNT	ac40	5190	Ant2	-4.52	0.12	-4.4	11	Pass
NVNT	ac40	5230	Ant2	-3.7	0.12	-3.58	11	Pass
NVNT	ac80	5210	Ant2	-7.47	0.25	-7.22	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



MIMO

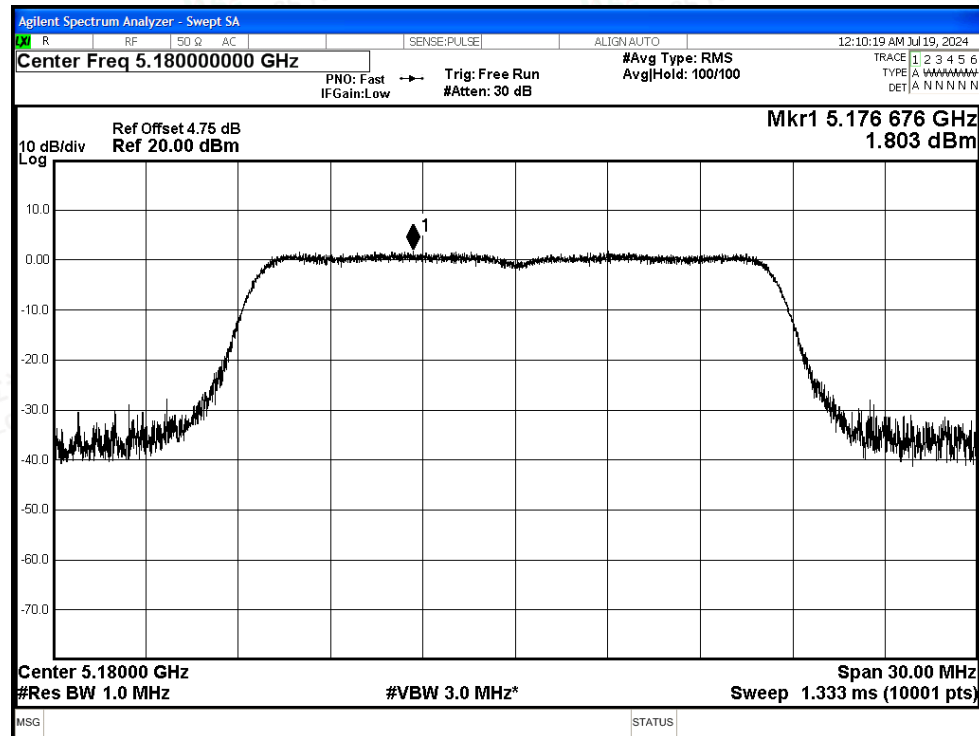
Condition	Mode	Frequency (MHz)	Total PSD (dBm/MHz)			Limit (dBm/MHz)	Verdict
			Ant1	Ant2	Ant1+Ant2		
NVNT	n20	5180	0.37	-0.06	3.17	10.69	Pass
NVNT	n20	5200	1.34	-0.61	3.48	10.69	Pass
NVNT	n20	5240	0.45	-0.43	3.04	10.69	Pass
NVNT	n40	5190	-2	-3.44	0.35	10.69	Pass
NVNT	n40	5230	-3.64	-4.41	-1.00	10.69	Pass
NVNT	ac20	5180	0.71	-0.56	3.13	10.69	Pass
NVNT	ac20	5200	0.69	-0.4	3.19	10.69	Pass
NVNT	ac20	5240	-0.17	0.25	3.06	10.69	Pass
NVNT	ac40	5190	-3.1	-4.4	-0.69	10.69	Pass
NVNT	ac40	5230	-2.24	-3.58	0.15	10.69	Pass
NVNT	ac80	5210	-6.31	-7.22	-3.73	10.69	Pass



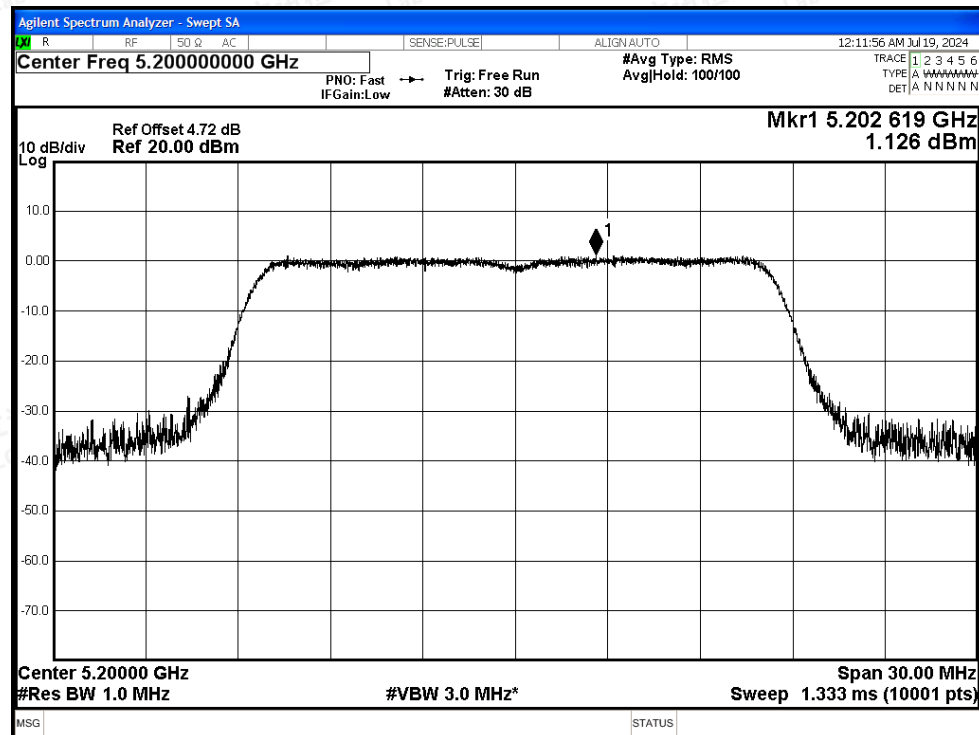


Test Graphs

PSD NVNT a 5180MHz Ant1



PSD NVNT a 5200MHz Ant1



Shenzhen LCS Compliance Testing Laboratory Ltd.

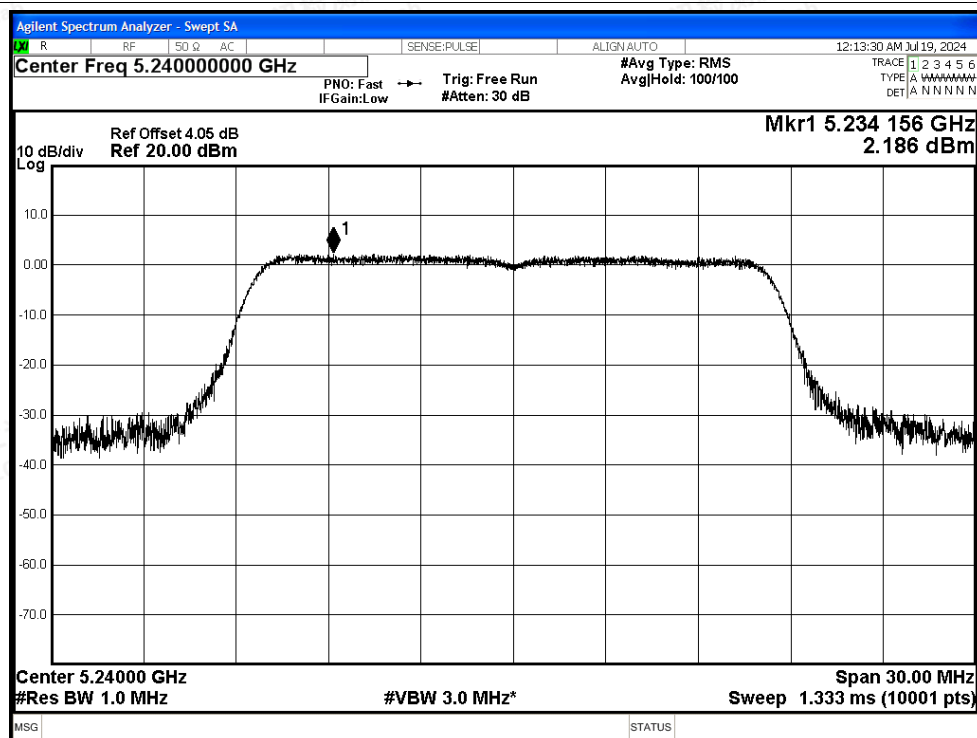
Add: 101, 201 Bldg A & 301 Bldg C, Juji Industrial Park Yabianxueziwei, Shajing Street, Baoan District, Shenzhen, 518000, China

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

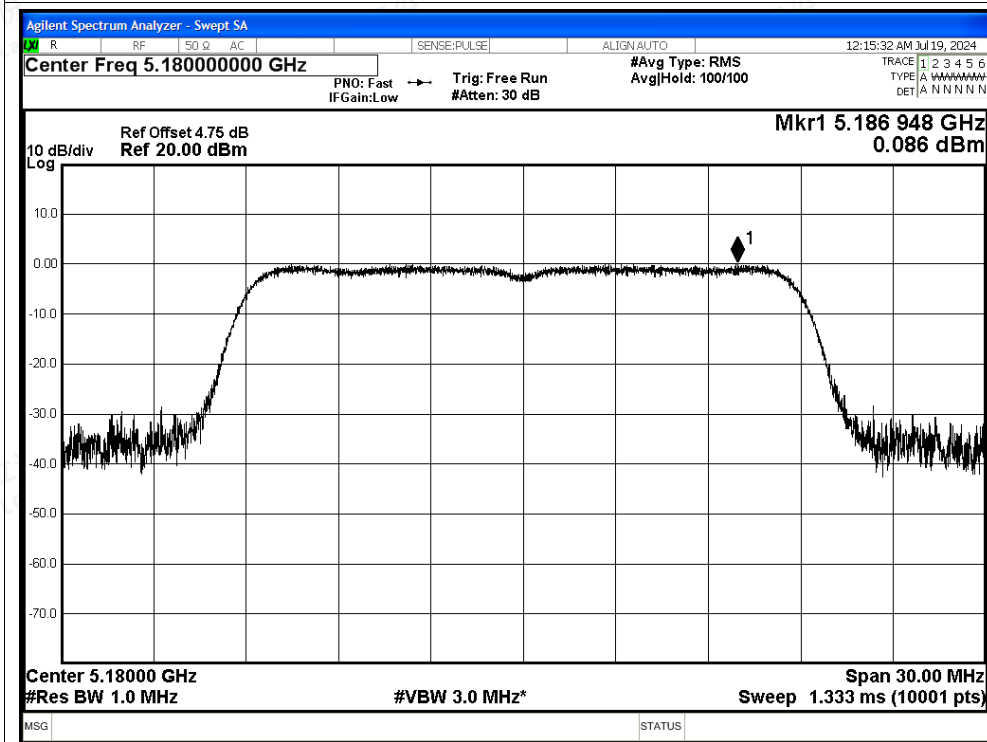
Scan code to check authenticity



PSD NVNT a 5240MHz Ant1



PSD NVNT n20 5180MHz Ant1

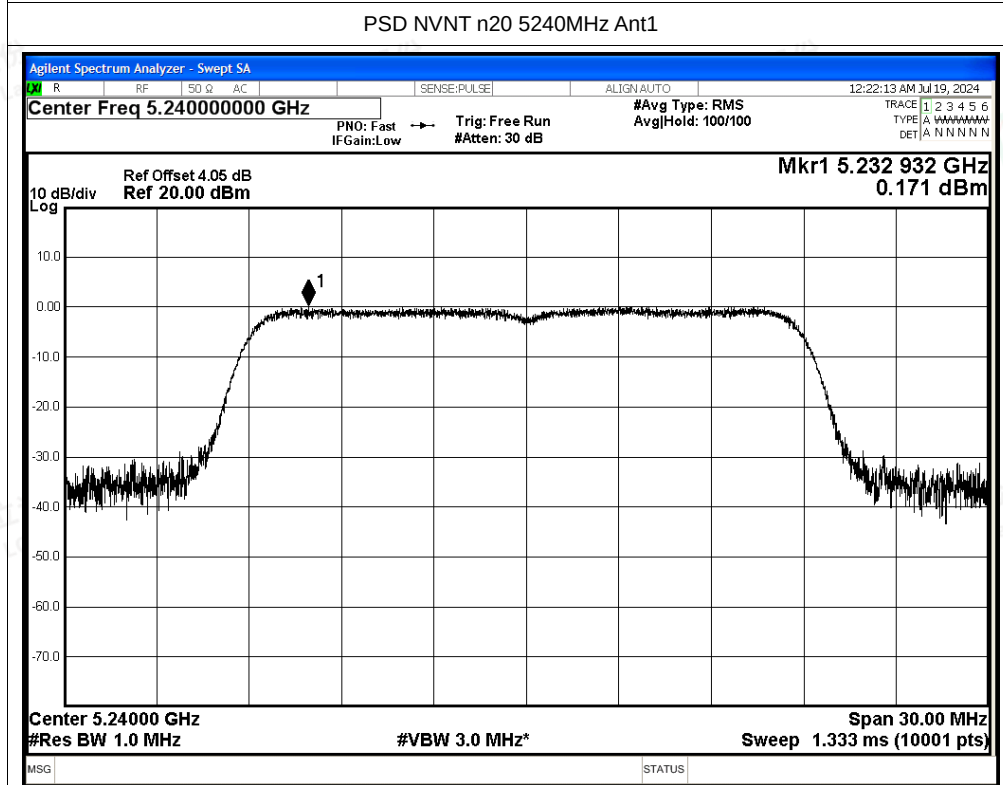
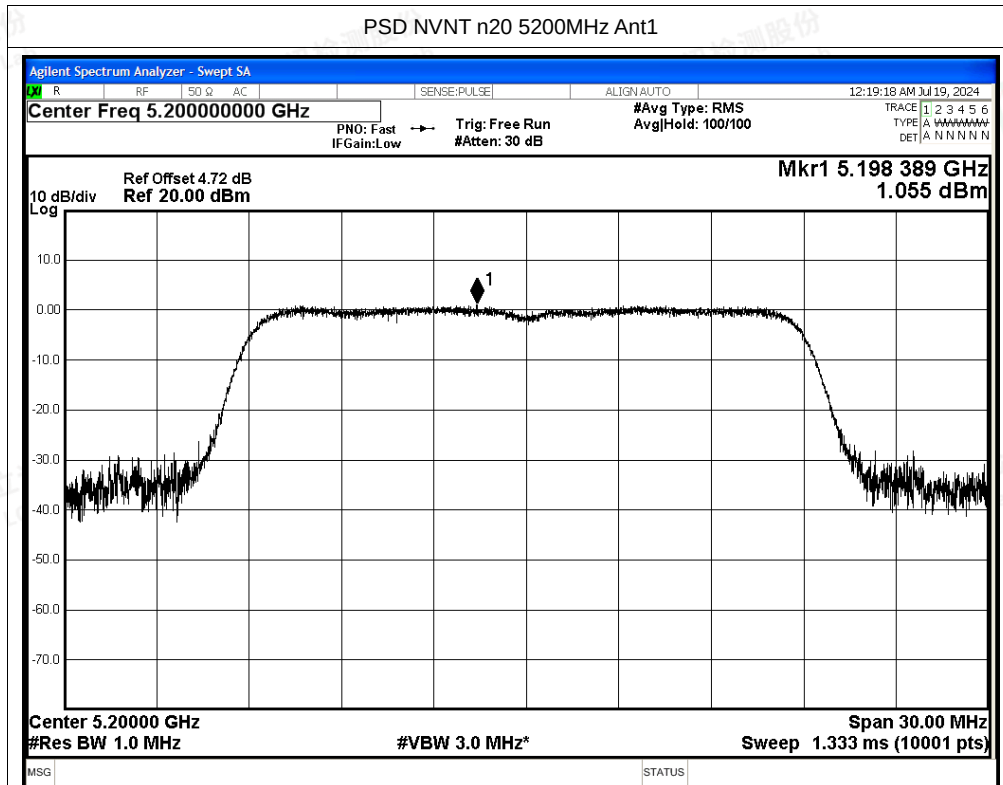


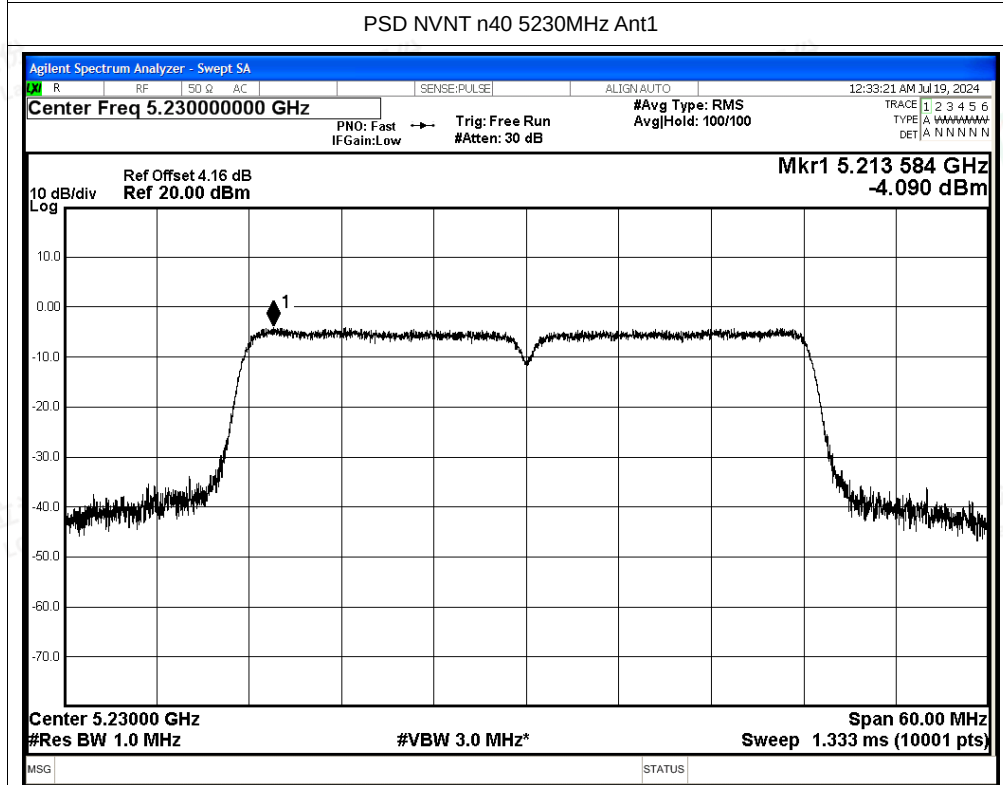
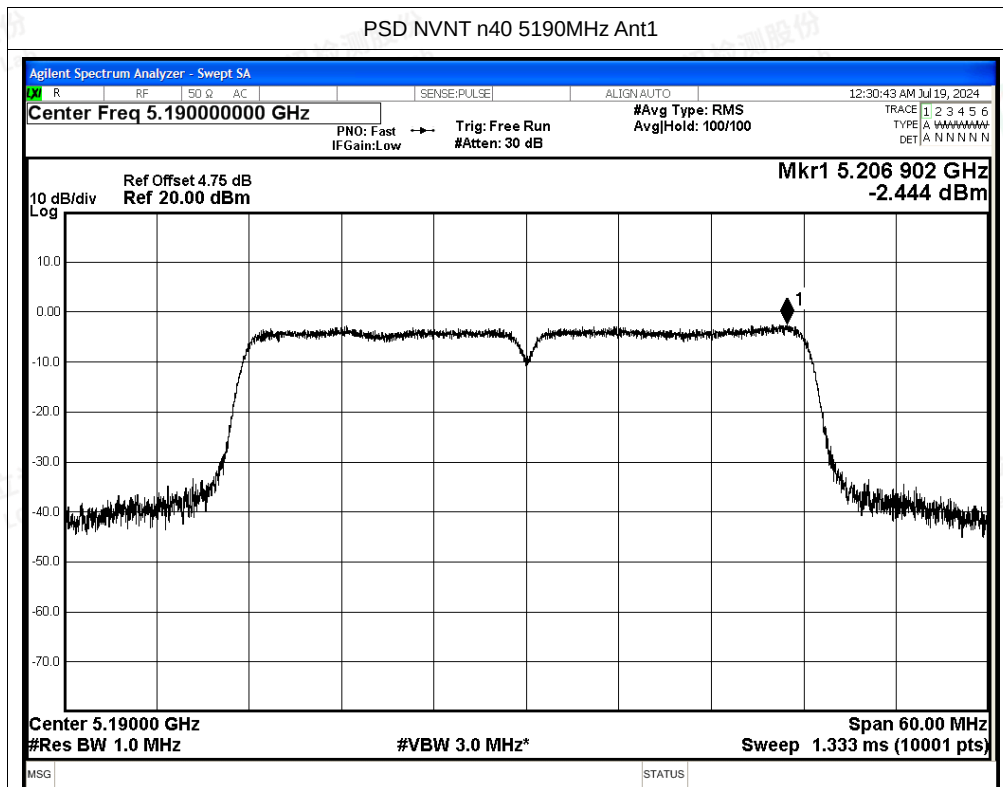
Shenzhen LCS Compliance Testing Laboratory Ltd.

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

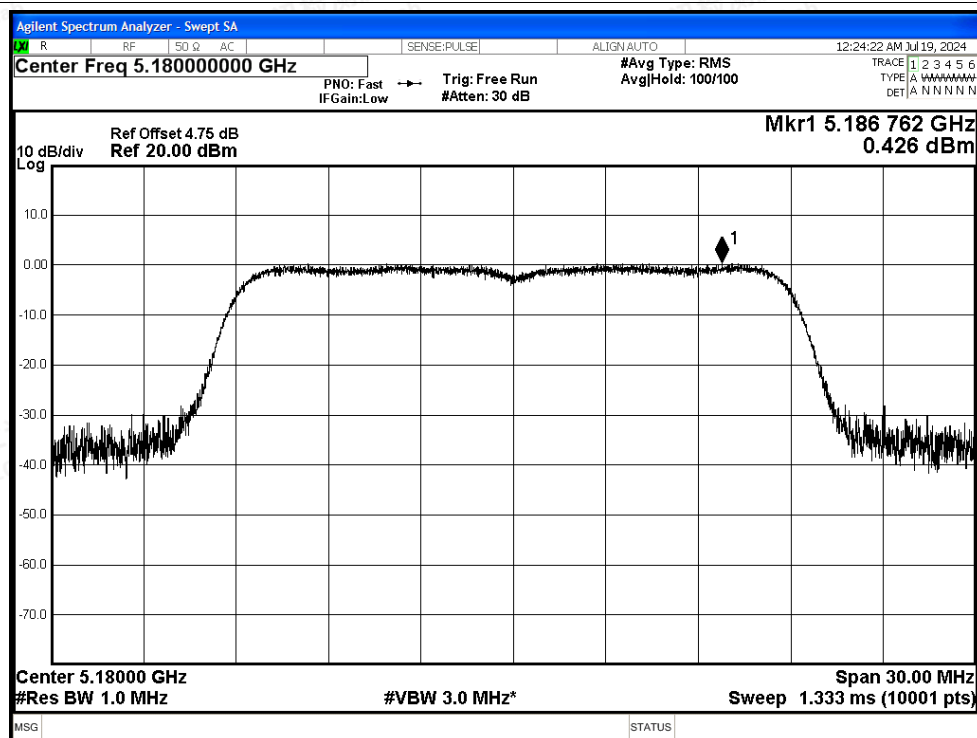
Scan code to check authenticity



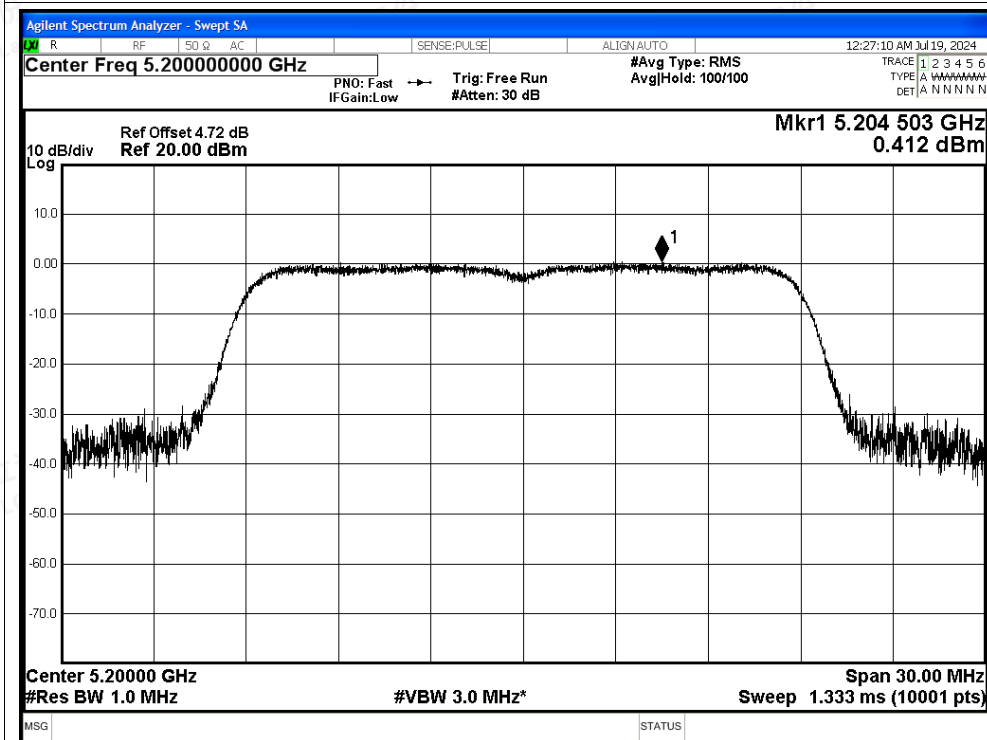




PSD NVNT ac20 5180MHz Ant1



PSD NVNT ac20 5200MHz Ant1

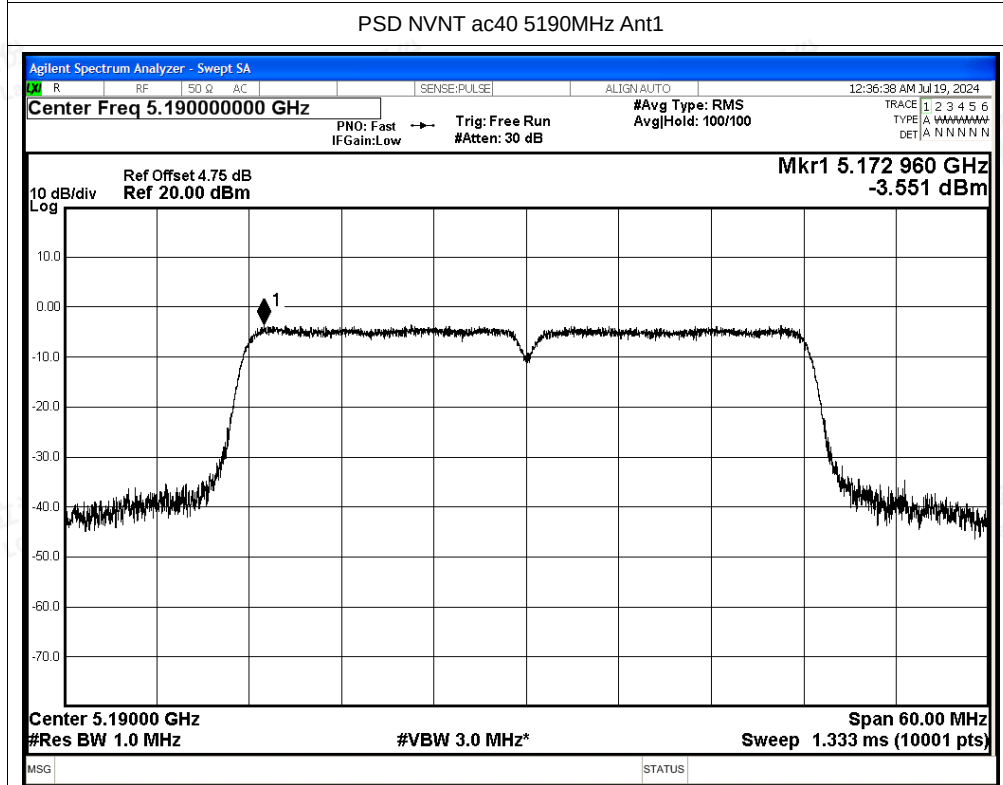
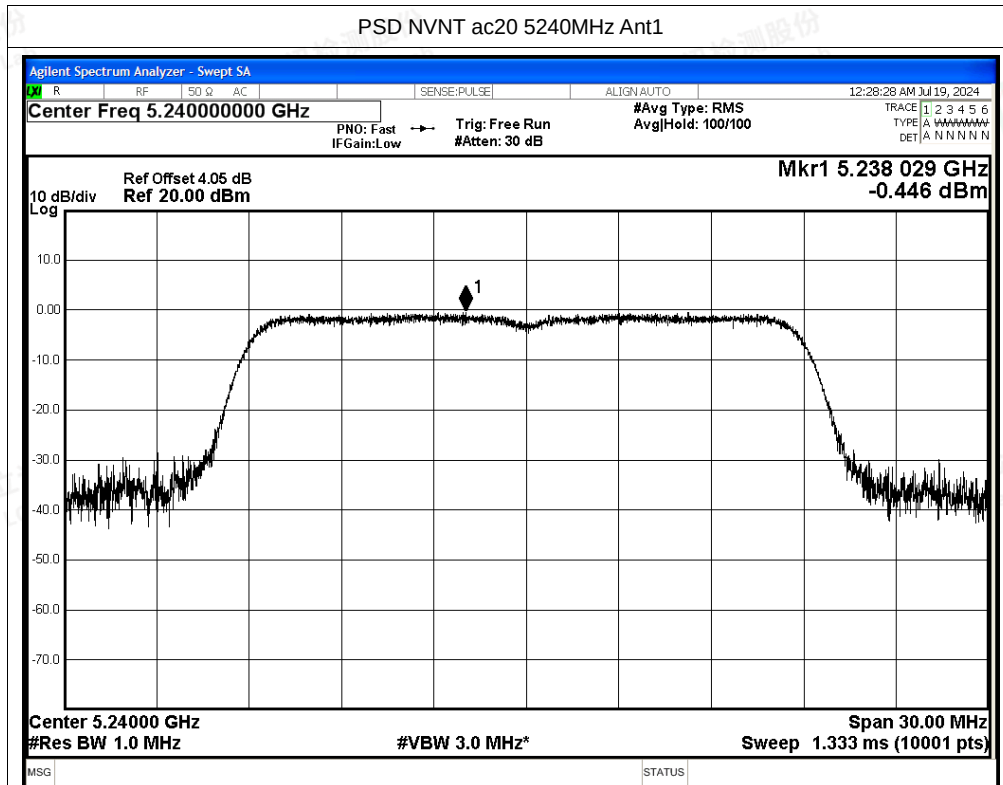


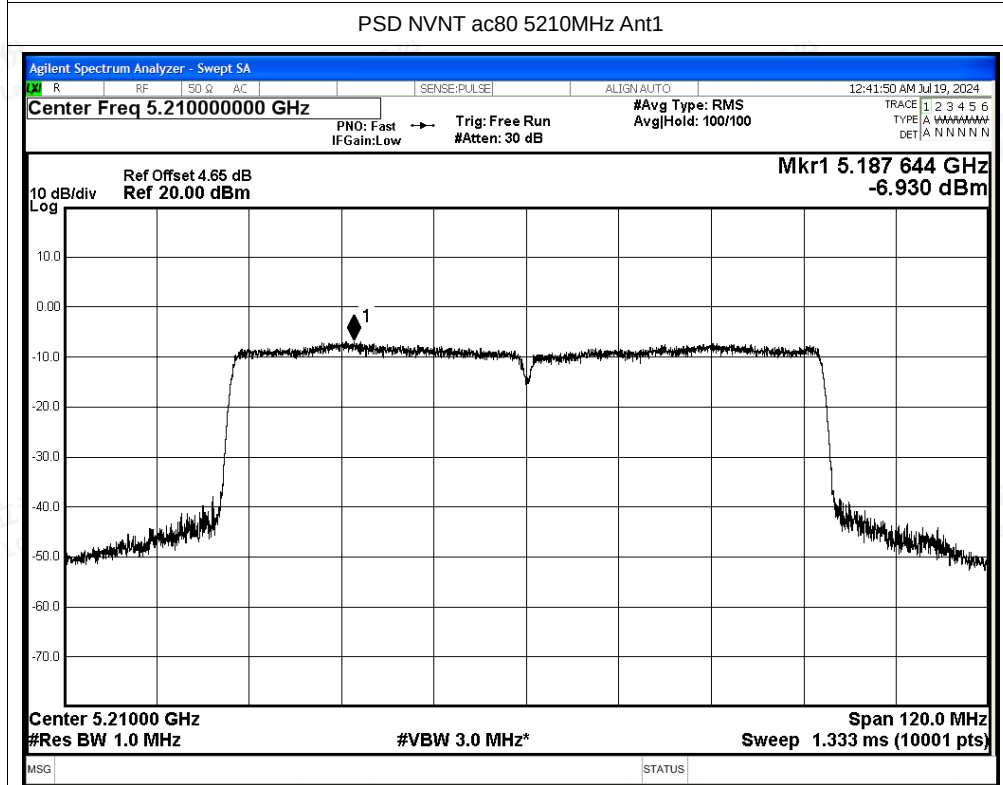
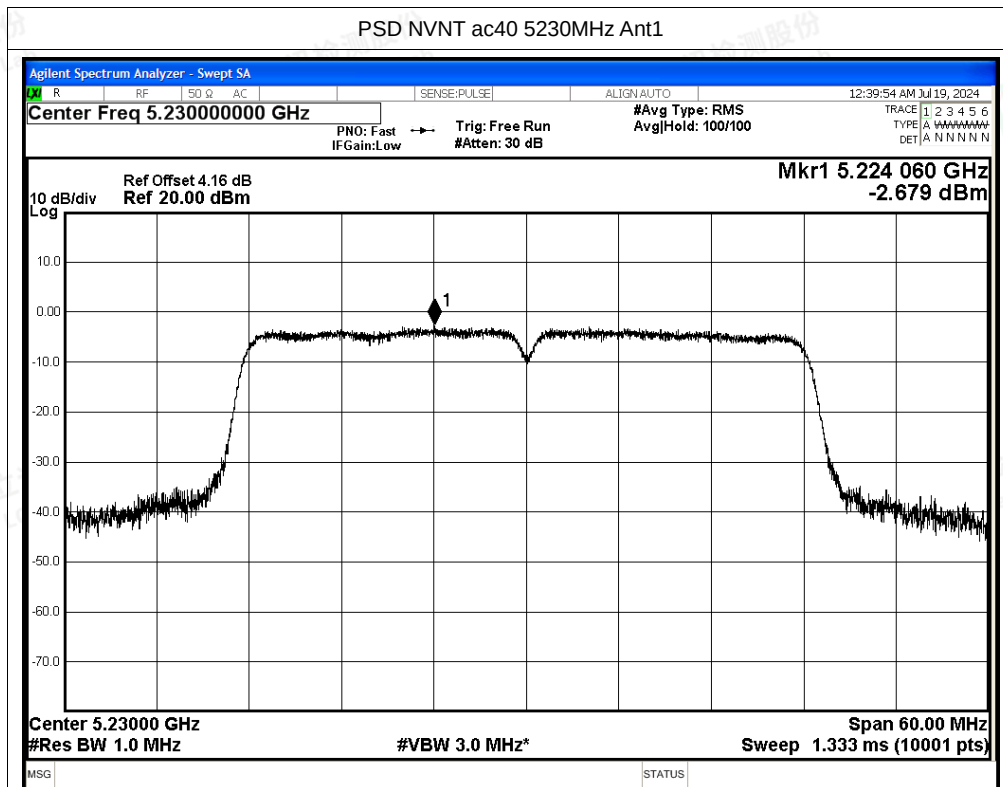
Shenzhen LCS Compliance Testing Laboratory Ltd.

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

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

Scan code to check authenticity





Shenzhen LCS Compliance Testing Laboratory Ltd.

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

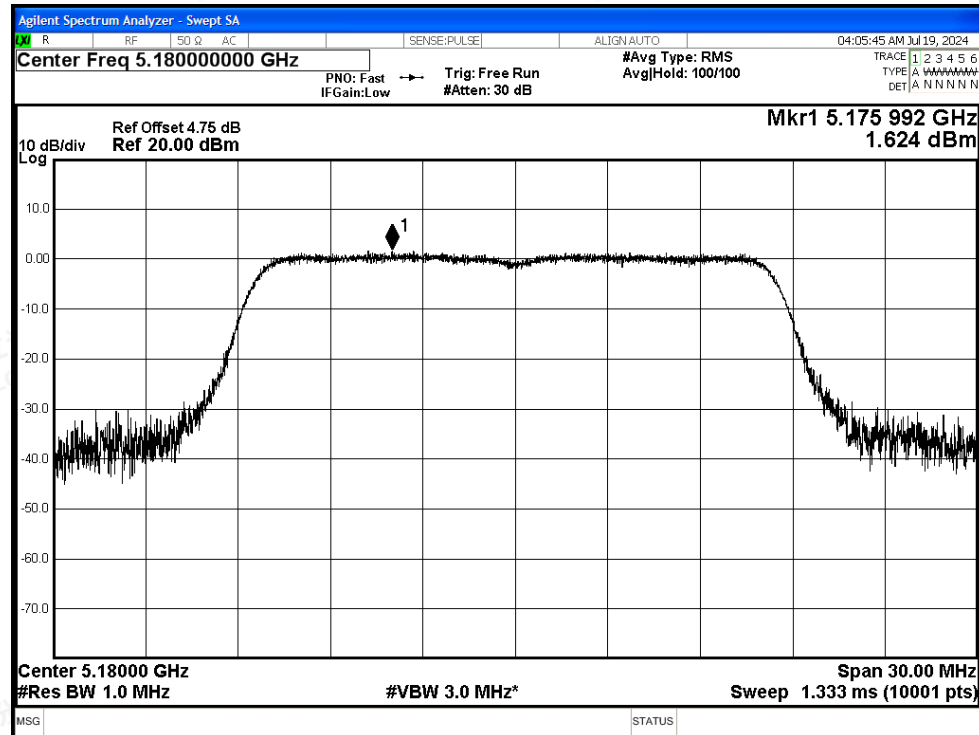
Tel: +(86) 0755-82591330 | E-mail: webmaster@lcs-cert.com | Web: www.lcs-cert.com

Scan code to check authenticity

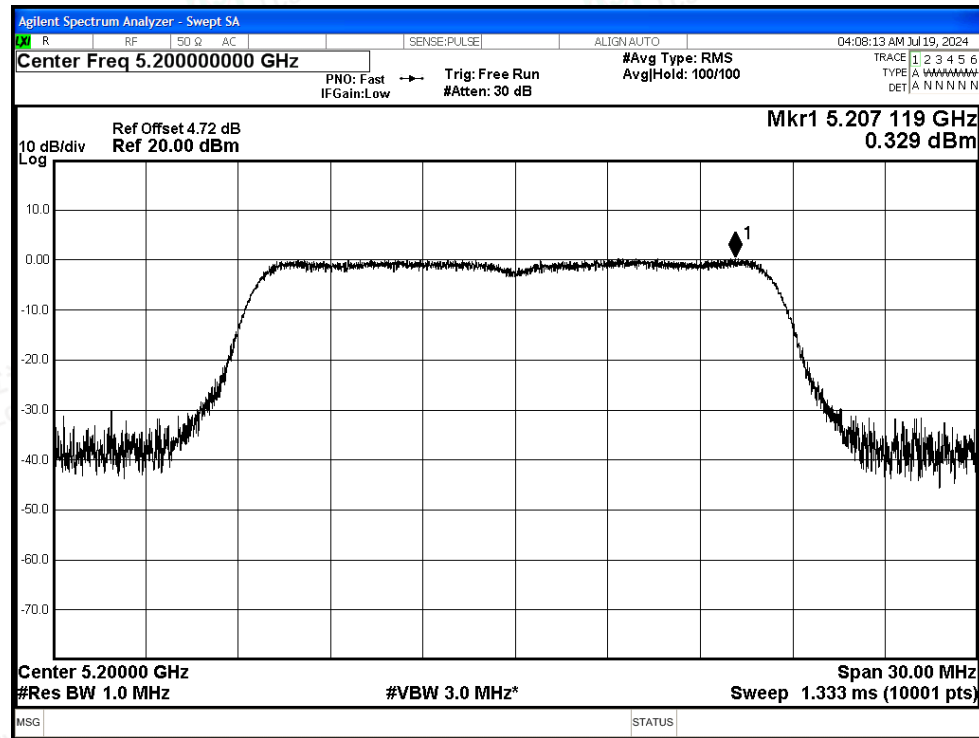


Test Graphs

PSD NVNT a 5180MHz Ant2



PSD NVNT a 5200MHz Ant2



Shenzhen LCS Compliance Testing Laboratory Ltd.

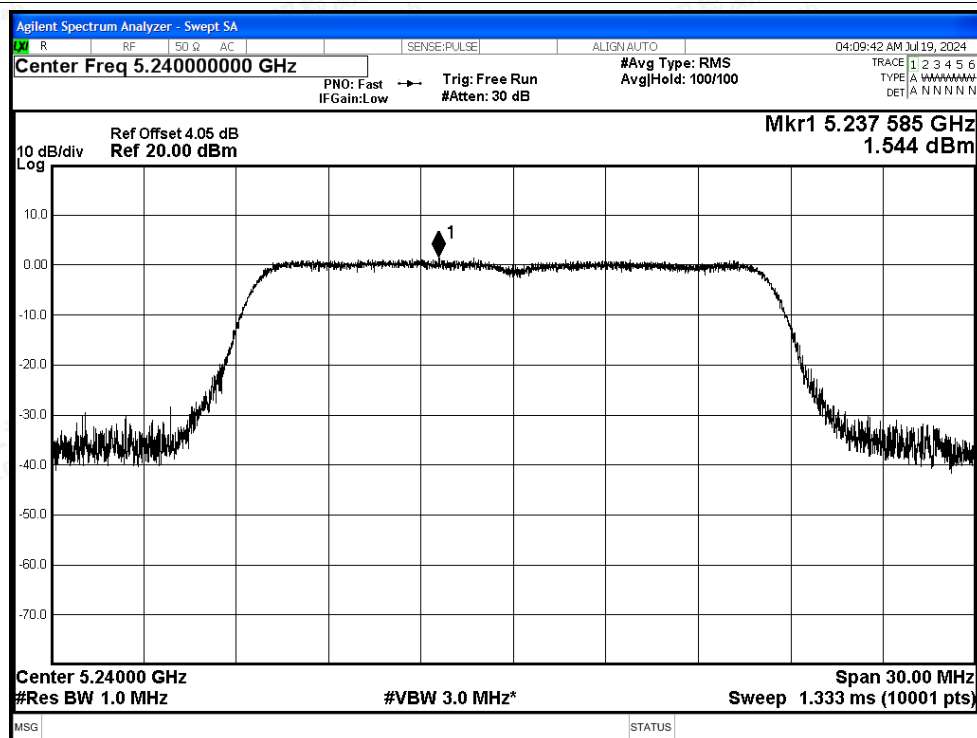
Add: 101, 201 Bldg A & 301 Bldg C, Juji Industrial Park Yabianxueziwei, Shajing Street, Baoan District, Shenzhen, 518000, China

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

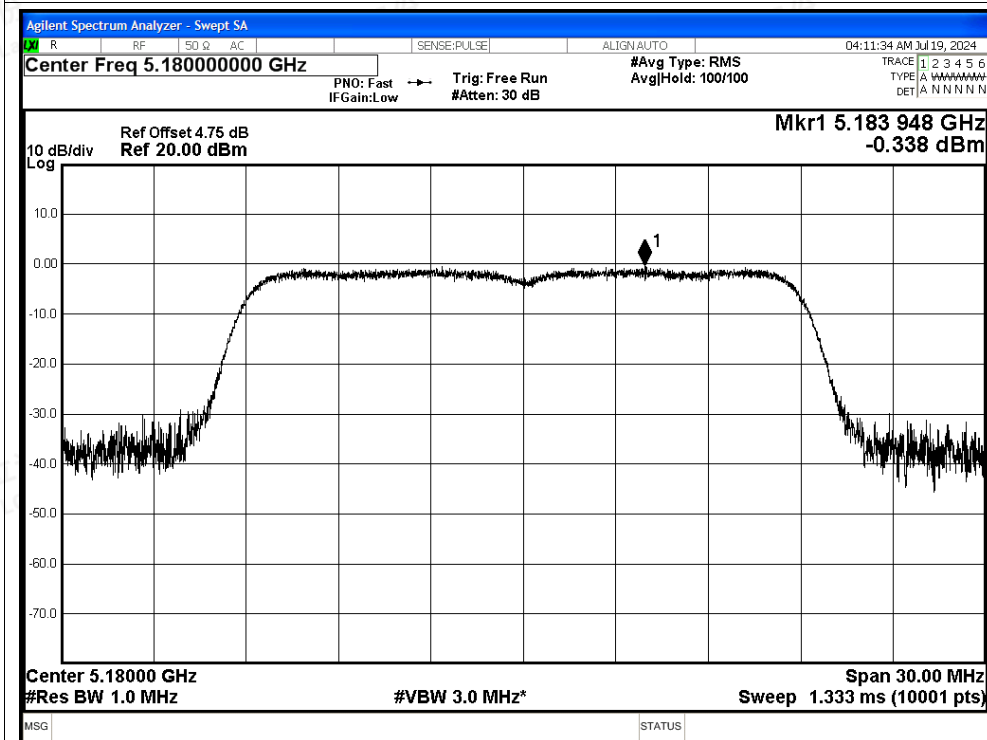
Scan code to check authenticity



PSD NVNT a 5240MHz Ant2



PSD NVNT n20 5180MHz Ant2

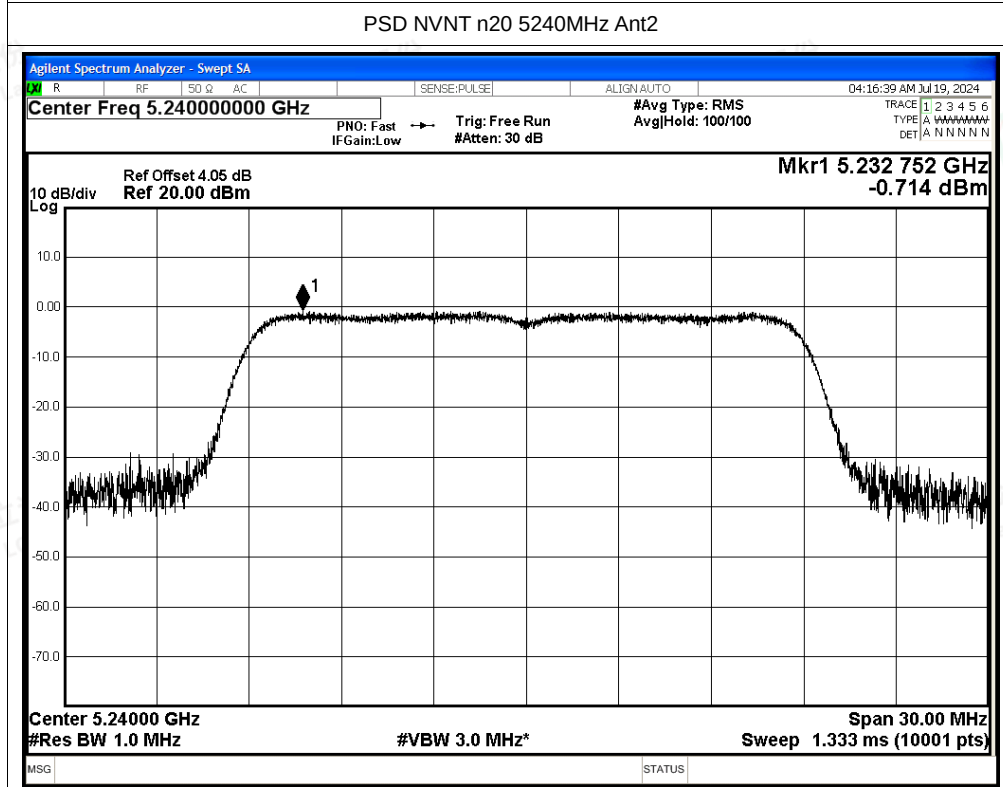
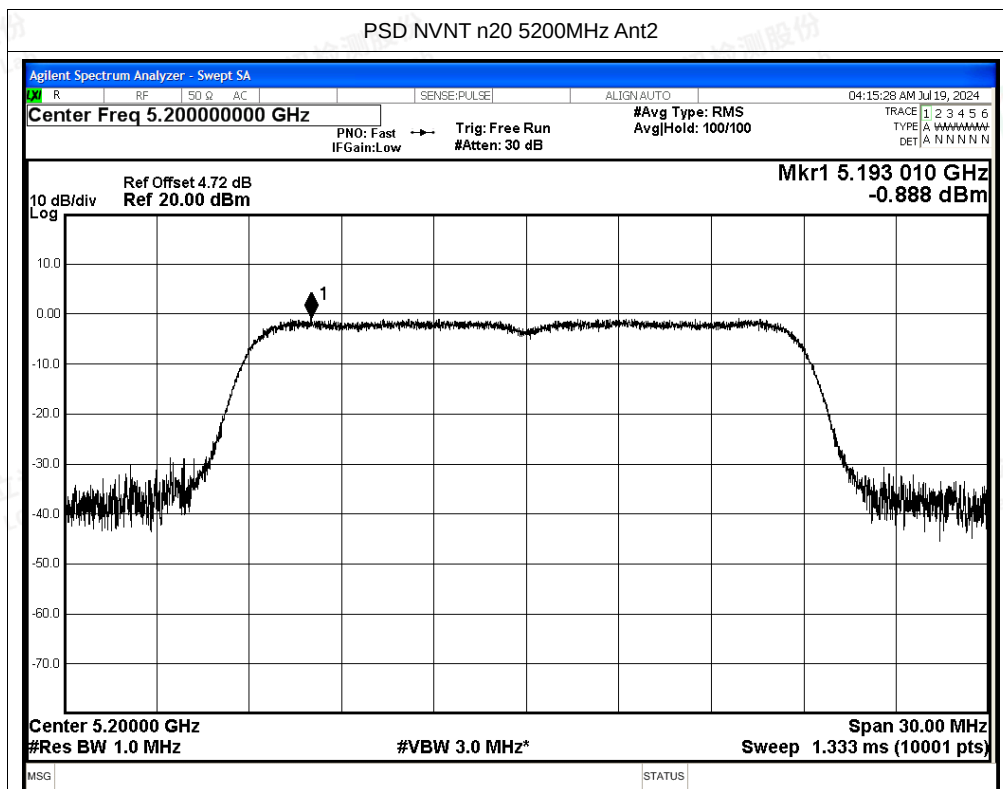


Shenzhen LCS Compliance Testing Laboratory Ltd.

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

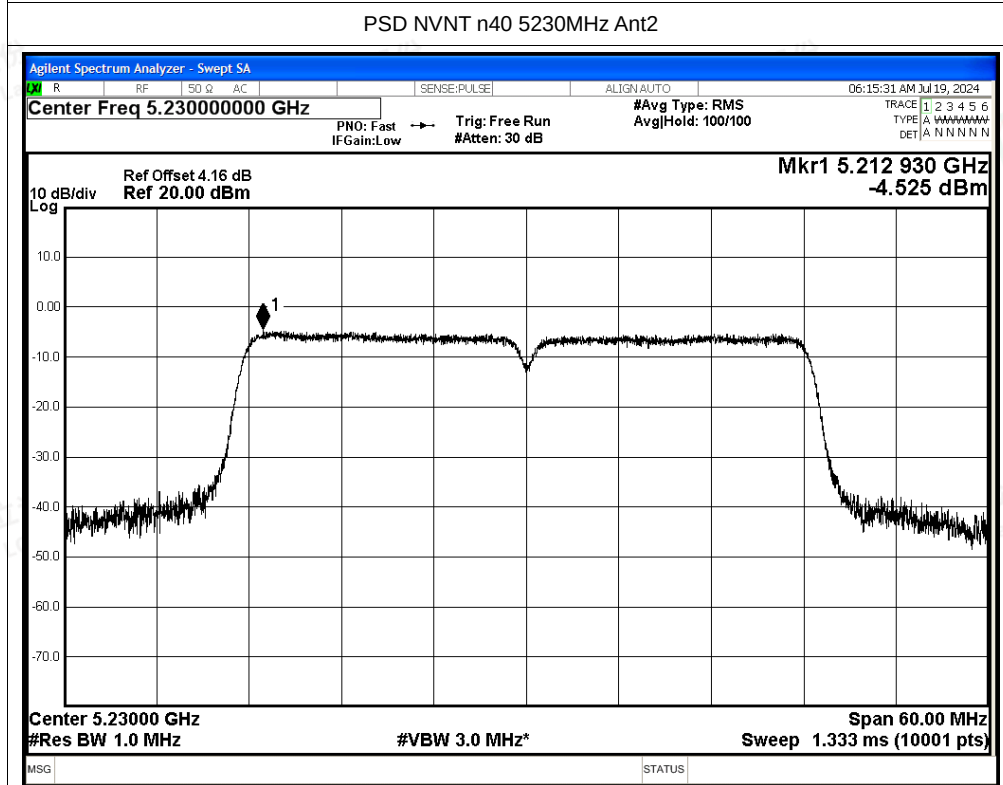
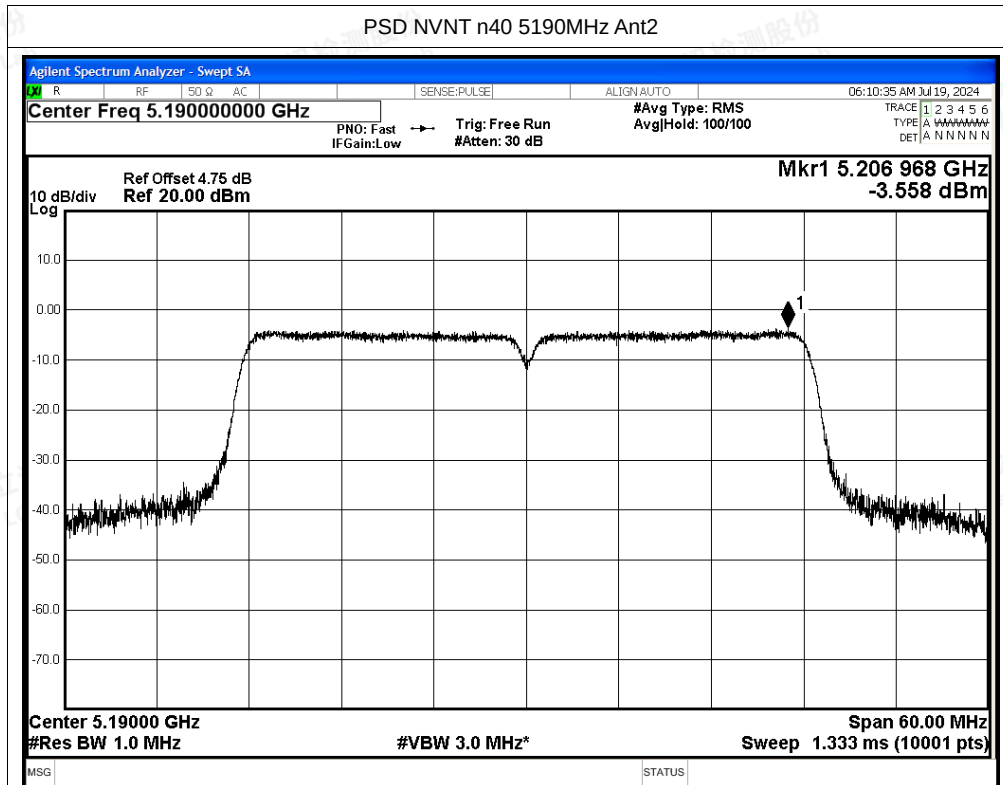


Shenzhen LCS Compliance Testing Laboratory Ltd.

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.

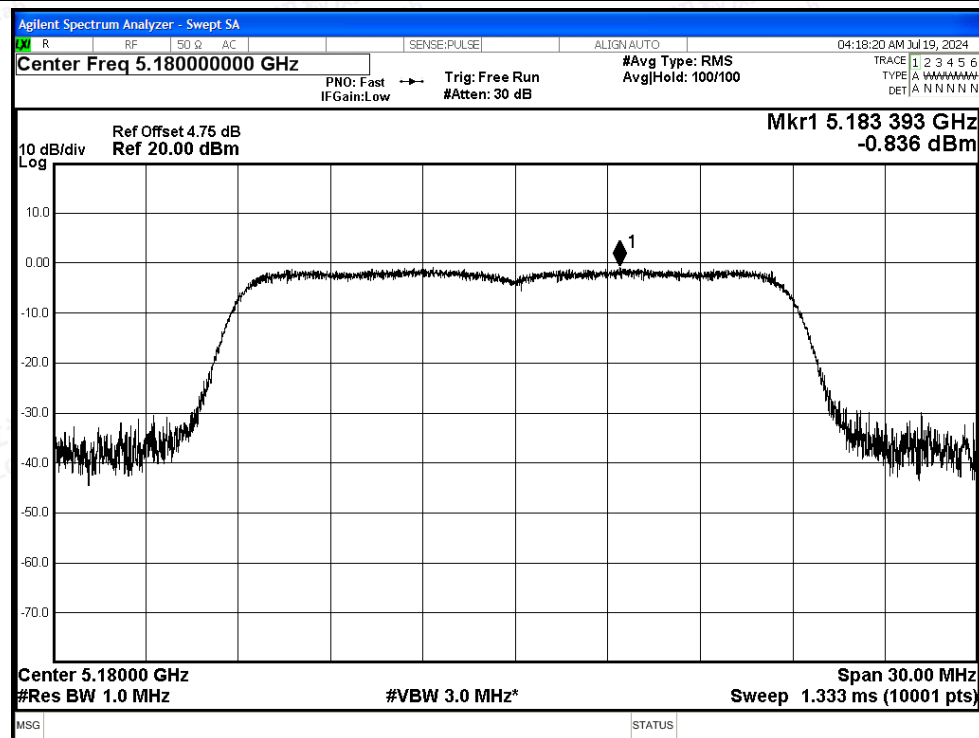
Add: 101, 201 Bldg A & 301 Bldg C, Juji Industrial Park Yabianxueziwei, Shajing Street, Baoan District, Shenzhen, 518000, China

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

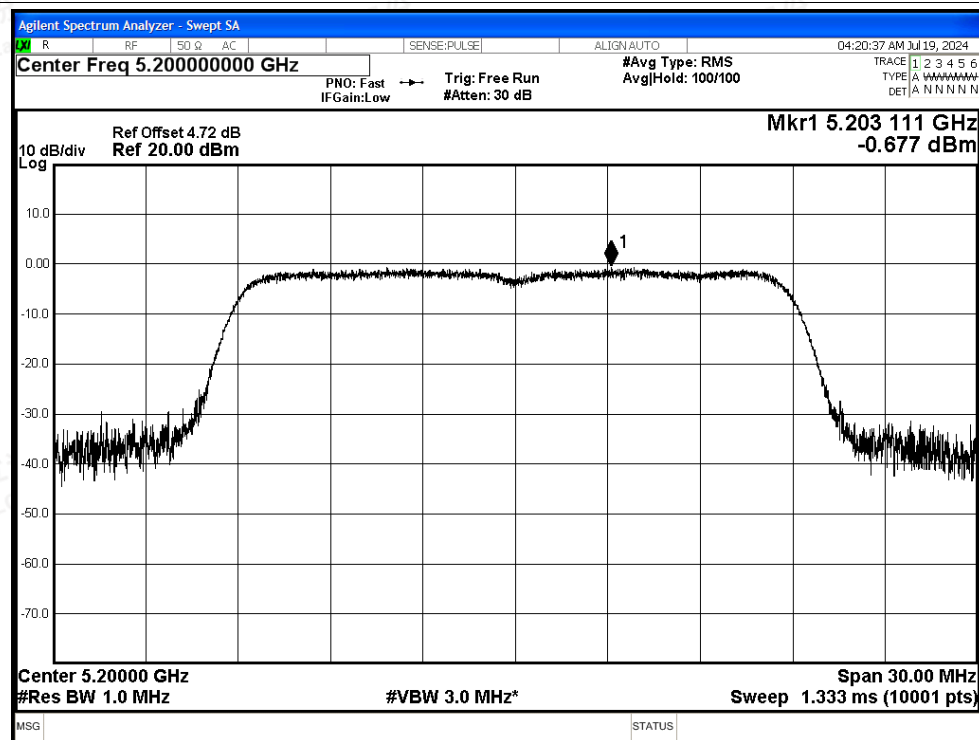
Scan code to check authenticity

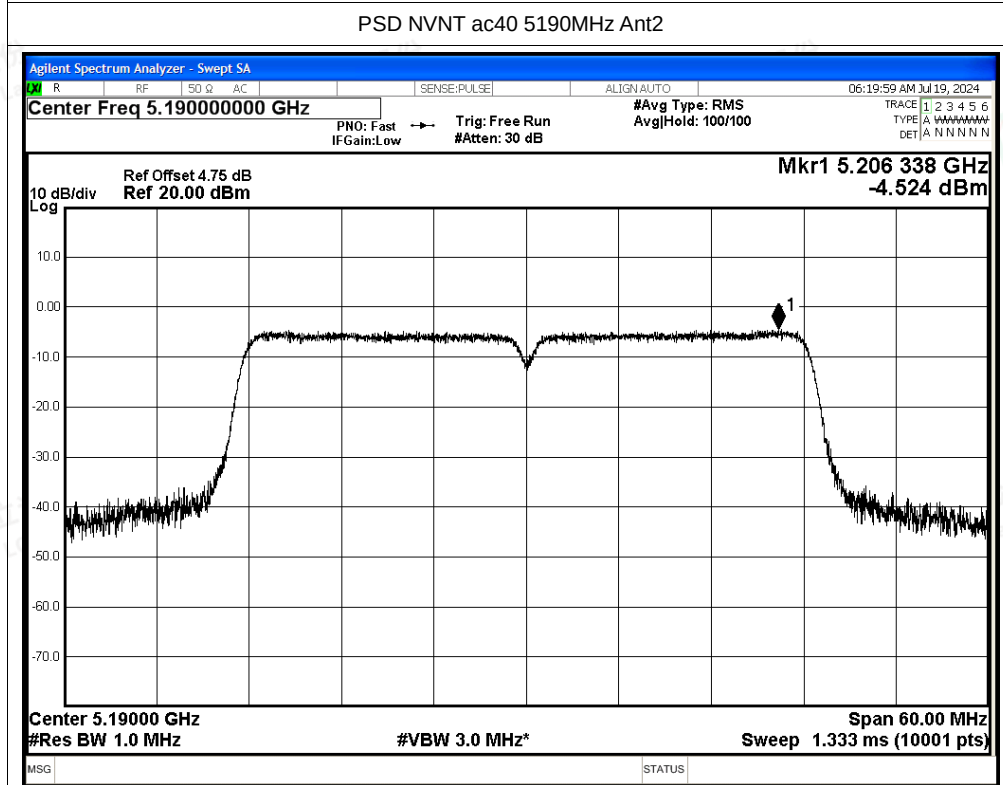
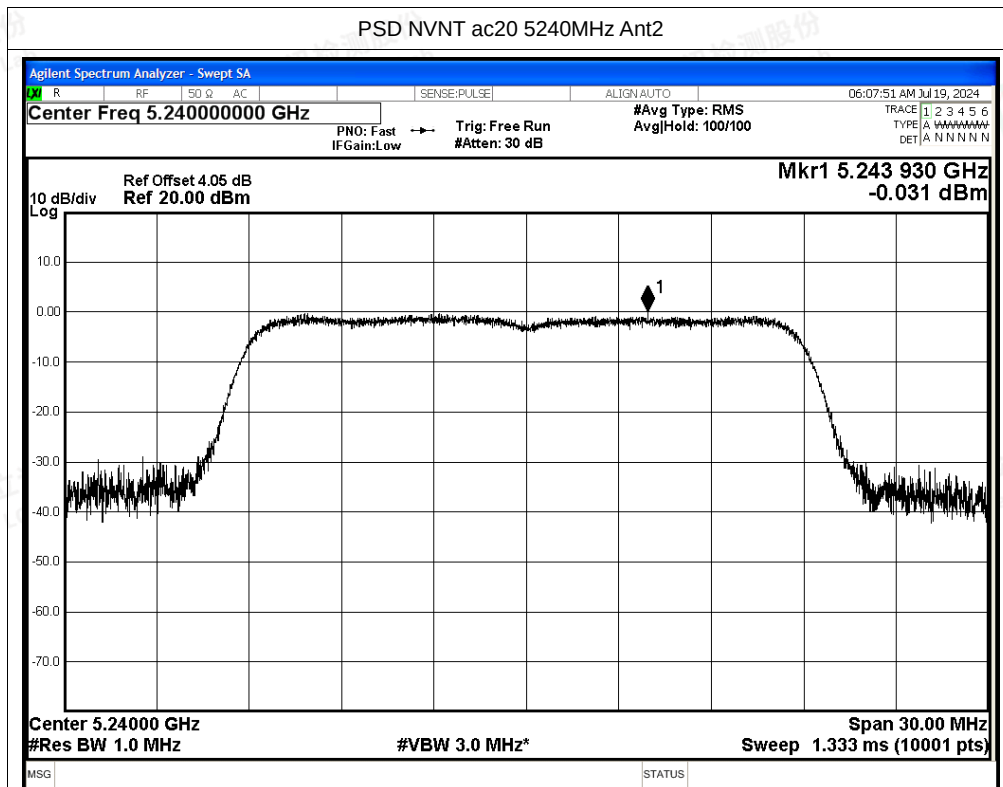


PSD NVNT ac20 5180MHz Ant2



PSD NVNT ac20 5200MHz Ant2



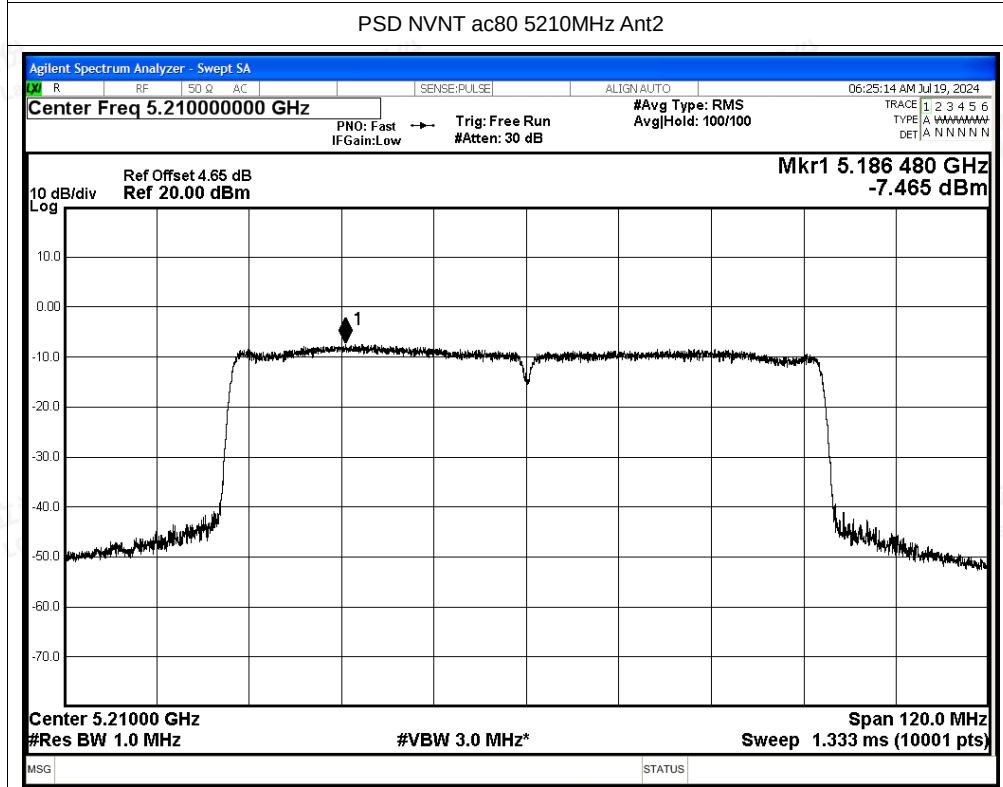
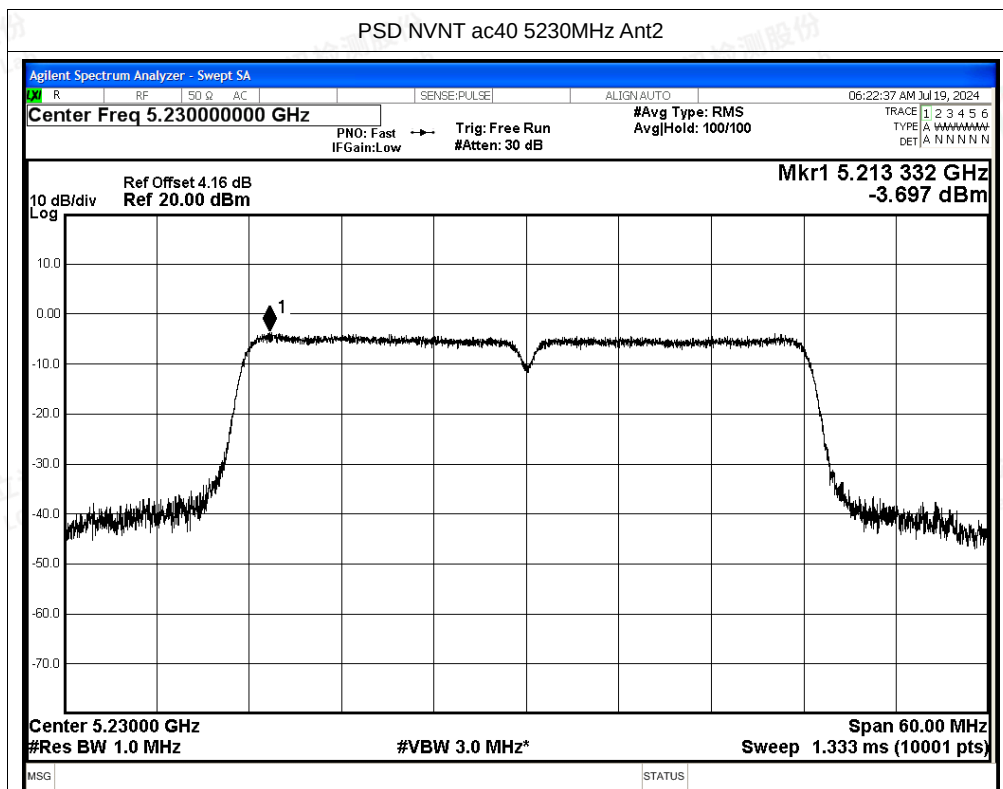


Shenzhen LCS Compliance Testing Laboratory Ltd.

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

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

Scan code to check authenticity



Shenzhen LCS Compliance Testing Laboratory Ltd.

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

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

Scan code to check authenticity



D.4 Restrict Band

Condition	Mode	Frequency (MHz)	Antenna	Spur Freq (MHz)	Power (dBm)	Gain (dBi)	Duty Factor (dB)	E (dBuV/m)	Detector	Limit (dBuV/m)	Verdict
NVNT	a	5180	Ant1	4500	-49.23	3.3	-	49.30	Peak	74	Pass
NVNT	a	5180	Ant1	4500	-57.1	3.3	0.24	41.67	Average	54	Pass
NVNT	a	5180	Ant1	5149.6	-38.74	3.3	-	59.79	Peak	74	Pass
NVNT	a	5180	Ant1	5149.6	-50.01	3.3	0.24	48.76	Average	54	Pass
NVNT	a	5180	Ant1	5150	-37.11	3.3	-	61.42	Peak	74	Pass
NVNT	a	5180	Ant1	5150	-49.43	3.3	0.24	49.34	Average	54	Pass
NVNT	a	5240	Ant1	5350	-47.63	3.3	-	50.90	Peak	74	Pass
NVNT	a	5240	Ant1	5350	-56.33	3.3	0.24	42.44	Average	54	Pass
NVNT	a	5240	Ant1	5367.6	-46.48	3.3	-	52.05	Peak	74	Pass
NVNT	a	5240	Ant1	5351.04	-55.74	3.3	0.24	43.03	Average	54	Pass
NVNT	a	5240	Ant1	5460	-49.06	3.3	-	49.47	Peak	74	Pass
NVNT	a	5240	Ant1	5460	-57.11	3.3	0.24	41.66	Average	54	Pass
NVNT	n20	5180	Ant1	4500	-48.86	3.3	-	49.67	Peak	74	Pass
NVNT	n20	5180	Ant1	4500	-57.59	3.3	0.28	41.22	Average	54	Pass
NVNT	n20	5180	Ant1	5147.5	-37.56	3.3	-	60.97	Peak	74	Pass
NVNT	n20	5180	Ant1	5149.6	-50.41	3.3	0.28	48.40	Average	54	Pass
NVNT	n20	5180	Ant1	5150	-37.62	3.3	-	60.91	Peak	74	Pass
NVNT	n20	5180	Ant1	5150	-49.45	3.3	0.28	49.36	Average	54	Pass
NVNT	n20	5240	Ant1	5350	-46.34	3.3	-	52.19	Peak	74	Pass
NVNT	n20	5240	Ant1	5350	-56.56	3.3	0.28	42.25	Average	54	Pass
NVNT	n20	5240	Ant1	5350.08	-46.34	3.3	-	52.19	Peak	74	Pass
NVNT	n20	5240	Ant1	5351.04	-56.09	3.3	0.28	42.72	Average	54	Pass
NVNT	n20	5240	Ant1	5460	-49.79	3.3	-	48.74	Peak	74	Pass
NVNT	n20	5240	Ant1	5460	-57.08	3.3	0.28	41.73	Average	54	Pass
NVNT	n40	5190	Ant1	4500	-49.53	3.3	-	49.00	Peak	74	Pass
NVNT	n40	5190	Ant1	4500	-57.19	3.3	0.44	41.78	Average	54	Pass
NVNT	n40	5190	Ant1	5148.24	-35.39	3.3	-	63.14	Peak	74	Pass
NVNT	n40	5190	Ant1	5149.7	-51.26	3.3	0.44	47.71	Average	54	Pass
NVNT	n40	5190	Ant1	5150	-40.24	3.3	-	58.29	Peak	74	Pass
NVNT	n40	5190	Ant1	5150	-51.26	3.3	0.44	47.71	Average	54	Pass
NVNT	n40	5230	Ant1	5350	-49	3.3	-	49.53	Peak	74	Pass
NVNT	n40	5230	Ant1	5350	-56.83	3.3	0.45	42.15	Average	54	Pass
NVNT	n40	5230	Ant1	5440.02	-46.43	3.3	-	52.10	Peak	74	Pass
NVNT	n40	5230	Ant1	5350.92	-56.05	3.3	0.45	42.93	Average	54	Pass
NVNT	n40	5230	Ant1	5460	-48.32	3.3	-	50.21	Peak	74	Pass
NVNT	n40	5230	Ant1	5460	-57.02	3.3	0.45	41.96	Average	54	Pass
NVNT	ac20	5180	Ant1	4500	-48.8	3.3	-	49.73	Peak	74	Pass



Shenzhen LCS Compliance Testing Laboratory Ltd.

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

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

Scan code to check authenticity



NVNT	ac20	5180	Ant1	4500	-57.4	3.3	0.28	41.41	Average	54	Pass
NVNT	ac20	5180	Ant1	5149.6	-36.47	3.3	-	62.06	Peak	74	Pass
NVNT	ac20	5180	Ant1	5149.6	-50.52	3.3	0.28	48.29	Average	54	Pass
NVNT	ac20	5180	Ant1	5150	-40.33	3.3	-	58.20	Peak	74	Pass
NVNT	ac20	5180	Ant1	5150	-50.55	3.3	0.28	48.26	Average	54	Pass
NVNT	ac20	5240	Ant1	5350	-49.5	3.3	-	49.03	Peak	74	Pass
NVNT	ac20	5240	Ant1	5350	-56.07	3.3	0.28	42.74	Average	54	Pass
NVNT	ac20	5240	Ant1	5371.68	-46.02	3.3	-	52.51	Peak	74	Pass
NVNT	ac20	5240	Ant1	5350.08	-56.07	3.3	0.28	42.74	Average	54	Pass
NVNT	ac20	5240	Ant1	5460	-49.14	3.3	-	49.39	Peak	74	Pass
NVNT	ac20	5240	Ant1	5460	-57.42	3.3	0.28	41.39	Average	54	Pass
NVNT	ac40	5190	Ant1	4500	-48.55	3.3	-	49.98	Peak	74	Pass
NVNT	ac40	5190	Ant1	4500	-57.45	3.3	0.45	41.53	Average	54	Pass
NVNT	ac40	5190	Ant1	5149.7	-38.14	3.3	-	60.39	Peak	74	Pass
NVNT	ac40	5190	Ant1	5149.7	-50.43	3.3	0.45	48.55	Average	54	Pass
NVNT	ac40	5190	Ant1	5150	-38.14	3.3	-	60.39	Peak	74	Pass
NVNT	ac40	5190	Ant1	5150	-50.43	3.3	0.45	48.55	Average	54	Pass
NVNT	ac40	5230	Ant1	5350	-49.22	3.3	-	49.31	Peak	74	Pass
NVNT	ac40	5230	Ant1	5350	-56.98	3.3	0.44	41.99	Average	54	Pass
NVNT	ac40	5230	Ant1	5458.65	-45.94	3.3	-	52.59	Peak	74	Pass
NVNT	ac40	5230	Ant1	5351.19	-55.84	3.3	0.44	43.13	Average	54	Pass
NVNT	ac40	5230	Ant1	5460	-47.59	3.3	-	50.94	Peak	74	Pass
NVNT	ac40	5230	Ant1	5460	-56.75	3.3	0.44	42.22	Average	54	Pass
NVNT	ac80	5210	Ant1	5350	-47.84	3.3	-	50.69	Peak	74	Pass
NVNT	ac80	5210	Ant1	5350	-55.51	3.3	0.62	43.64	Average	54	Pass
NVNT	ac80	5210	Ant1	5402.25	-45.41	3.3	-	53.12	Peak	74	Pass
NVNT	ac80	5210	Ant1	5370.57	-55.32	3.3	0.62	43.83	Average	54	Pass
NVNT	ac80	5210	Ant1	5460	-47.3	3.3	-	51.23	Peak	74	Pass
NVNT	ac80	5210	Ant1	5460	-56.16	3.3	0.62	42.99	Average	54	Pass
NVNT	ac80	5210	Ant1	4500	-49.94	3.3	-	48.59	Peak	74	Pass
NVNT	ac80	5210	Ant1	4500	-57.73	3.3	0.62	41.42	Average	54	Pass
NVNT	ac80	5210	Ant1	5139.11	-39.34	3.3	-	59.19	Peak	74	Pass
NVNT	ac80	5210	Ant1	5145.43	-50.31	3.3	0.62	48.84	Average	54	Pass
NVNT	ac80	5210	Ant1	5150	-42.33	3.3	-	56.20	Peak	74	Pass
NVNT	ac80	5210	Ant1	5150	-49.97	3.3	0.62	49.18	Average	54	Pass



Shenzhen LCS Compliance Testing Laboratory Ltd.

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

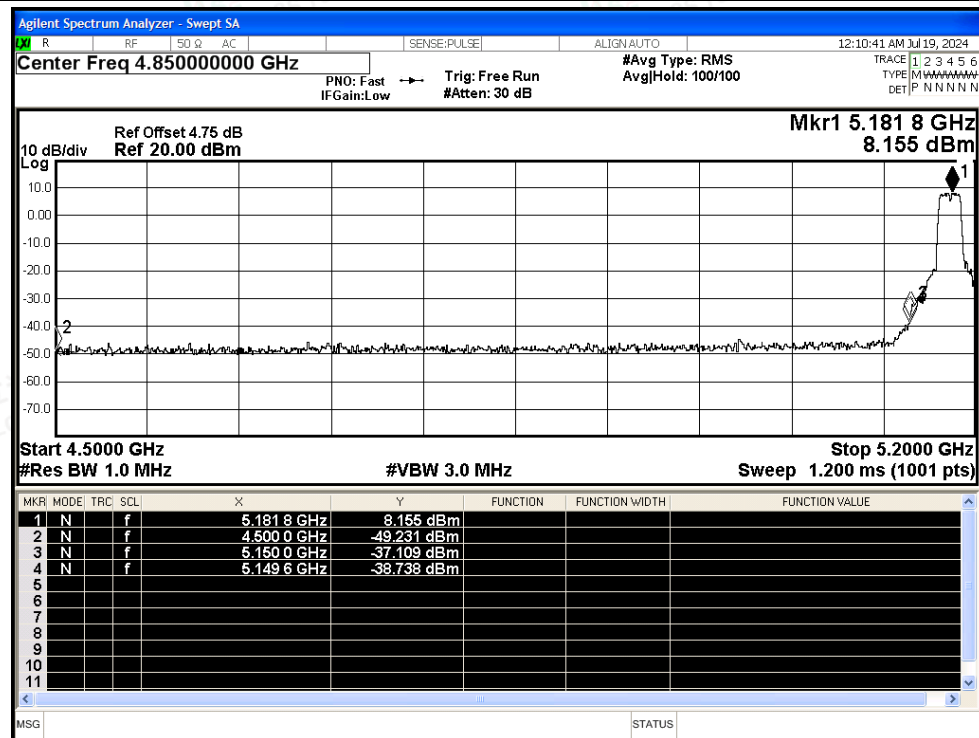
Tel: +(86) 0755-82591330 | E-mail: webmaster@lcs-cert.com | Web: www.lcs-cert.com

Scan code to check authenticity

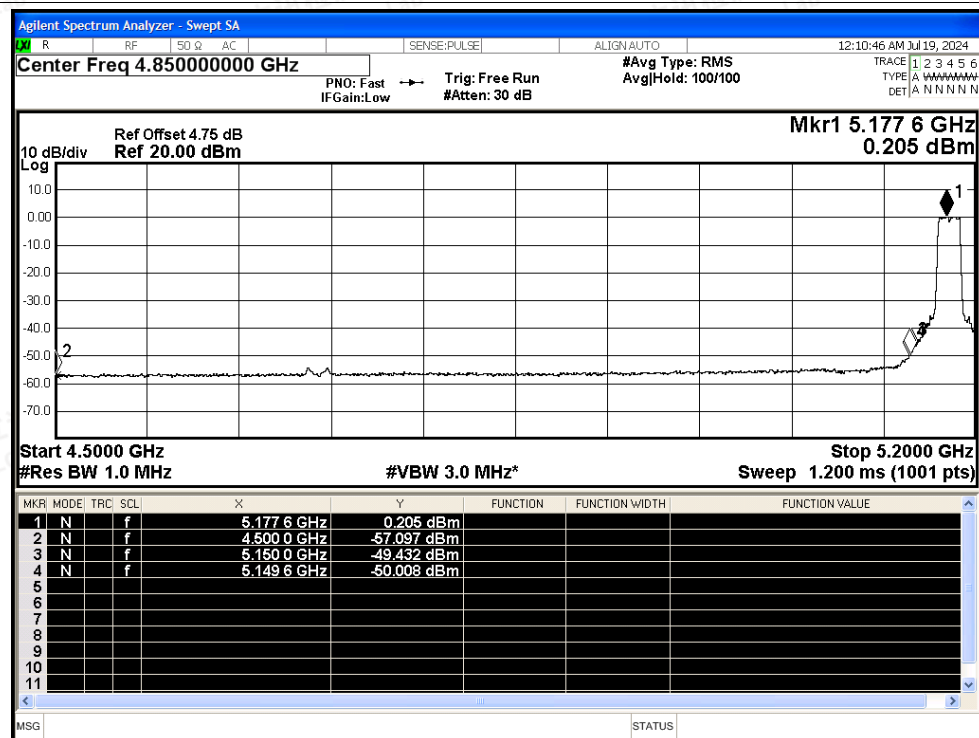


Test Graphs

Restrict Band NVNT a 5180MHz Ant1 Peak



Restrict Band NVNT a 5180MHz Ant1 Average



Shenzhen LCS Compliance Testing Laboratory Ltd.

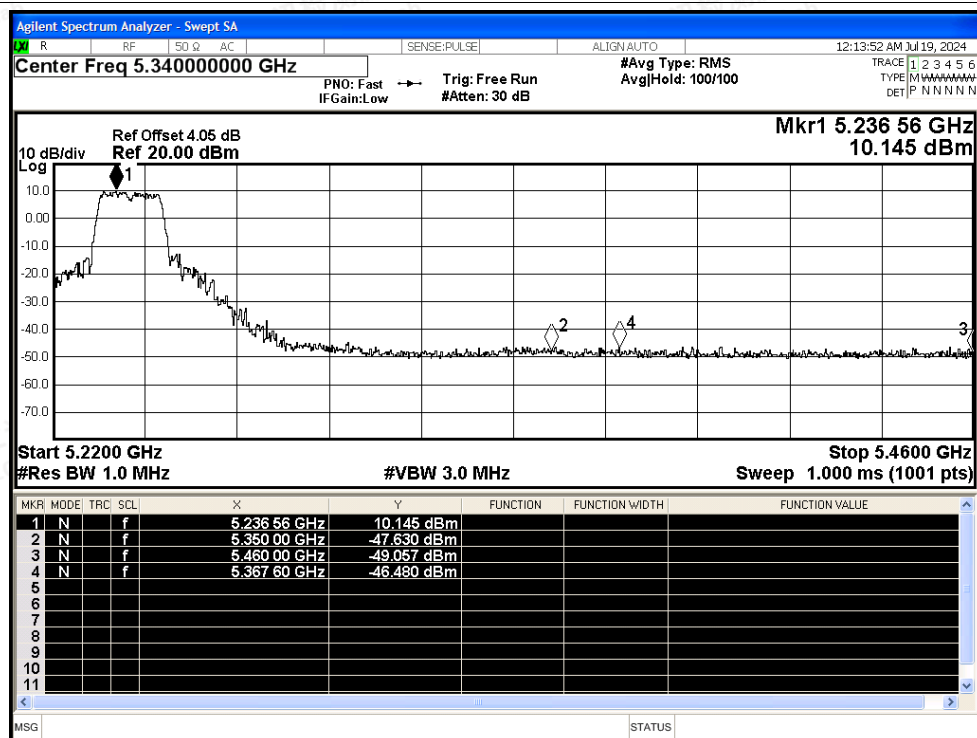
Add: 101, 201 Bldg A & 301 Bldg C, Juji Industrial Park Yabianxueziwei, Shajing Street, Baoan District, Shenzhen, 518000, China

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

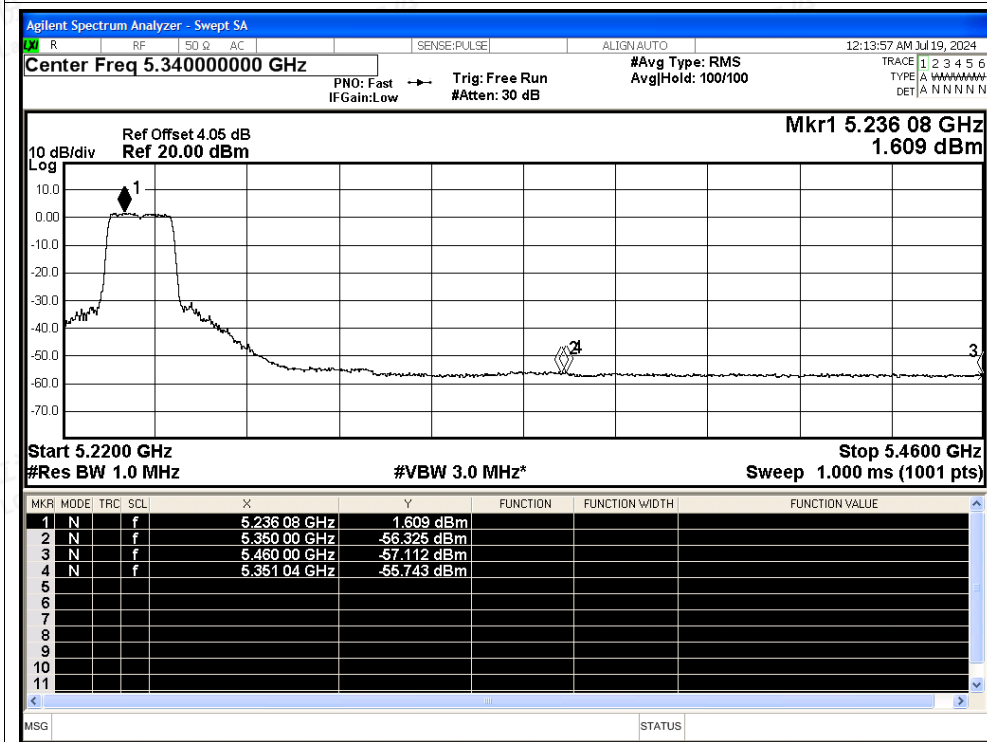
Scan code to check authenticity



Restrict Band NVNT a 5240MHz Ant1 Peak



Restrict Band NVNT a 5240MHz Ant1 Average



Shenzhen LCS Compliance Testing Laboratory Ltd.

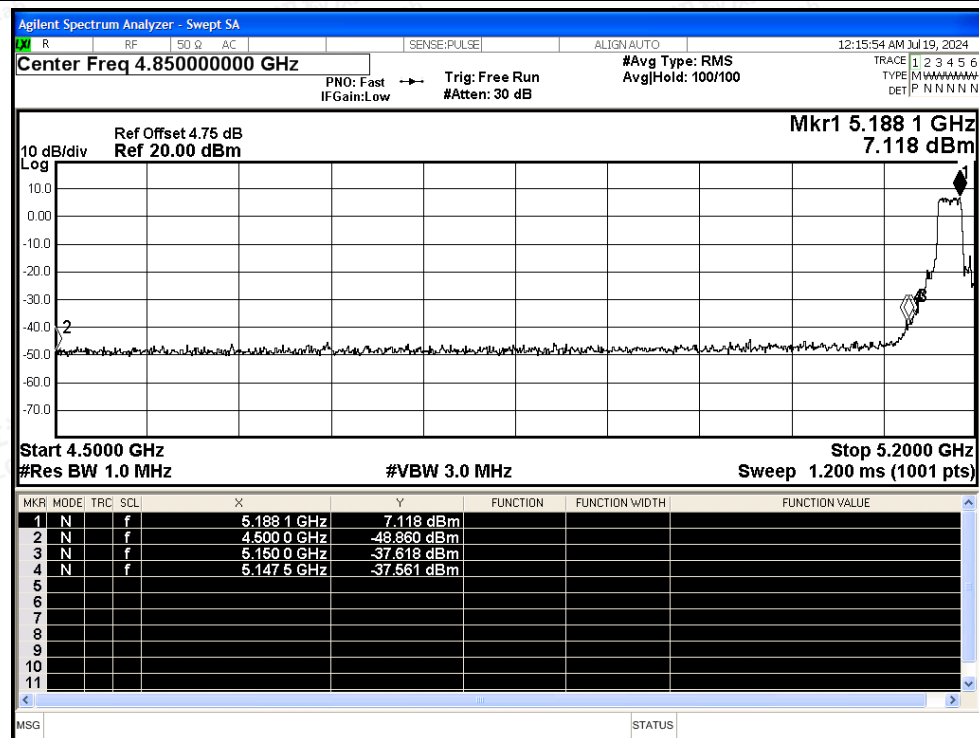
Add: 101, 201 Bldg A & 301 Bldg C, Juji Industrial Park Yabianxueziwei, Shajing Street, Baoan District, Shenzhen, 518000, China

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

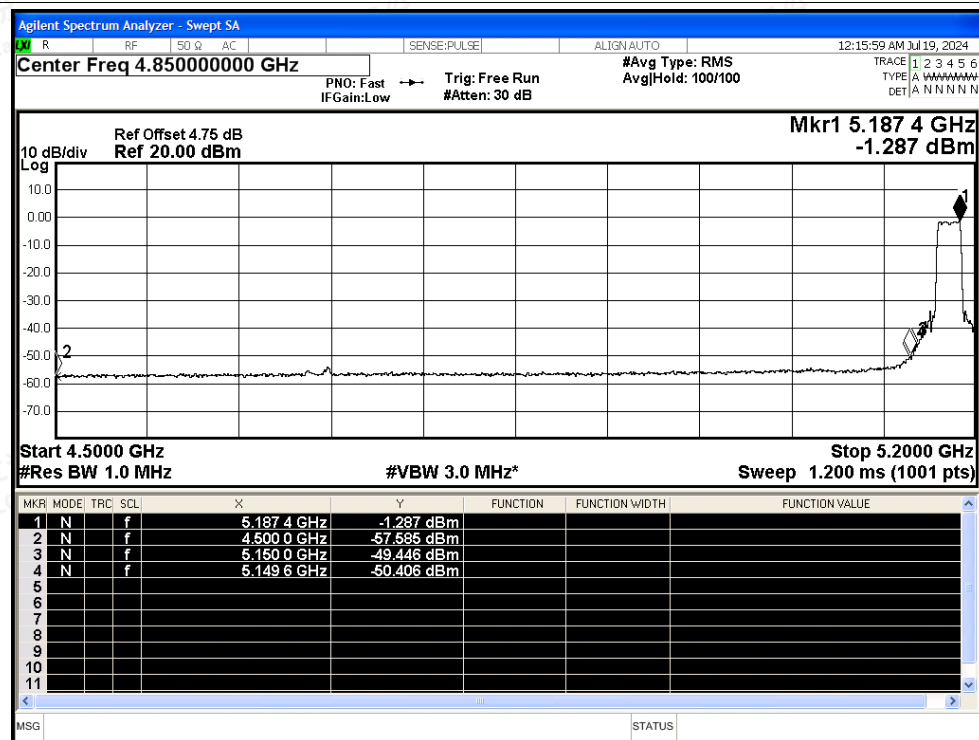
Scan code to check authenticity



Restrict Band NVNT n20 5180MHz Ant1 Peak



Restrict Band NVNT n20 5180MHz Ant1 Average



Shenzhen LCS Compliance Testing Laboratory Ltd.

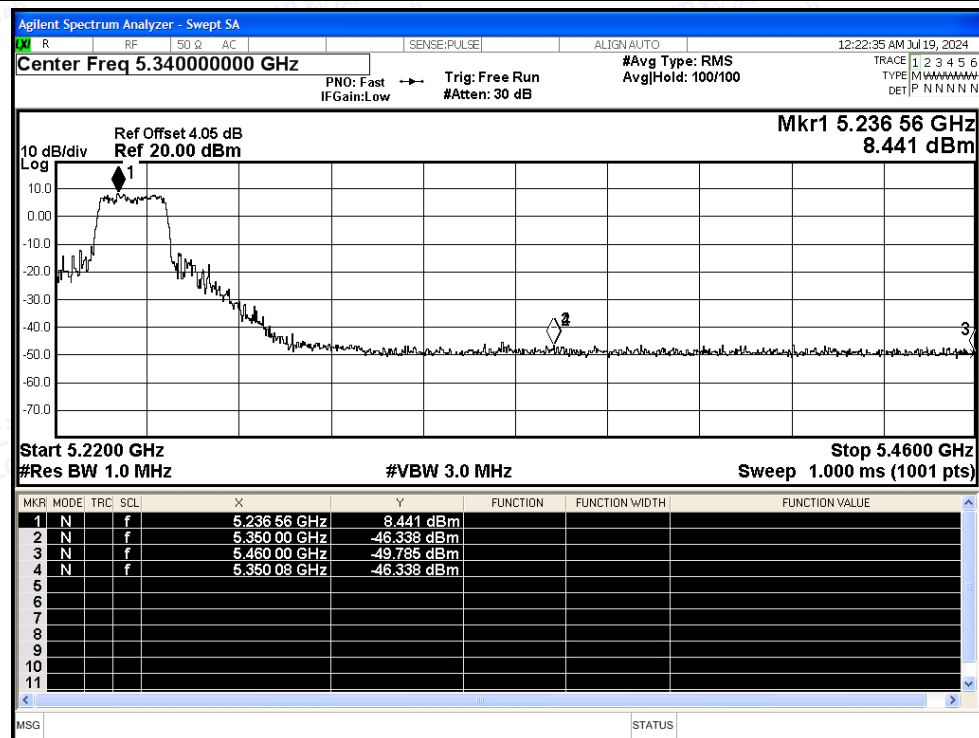
Add: 101, 201 Bldg A & 301 Bldg C, Juji Industrial Park Yabianxueziwei, Shajing Street, Baoan District, Shenzhen, 518000, China

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

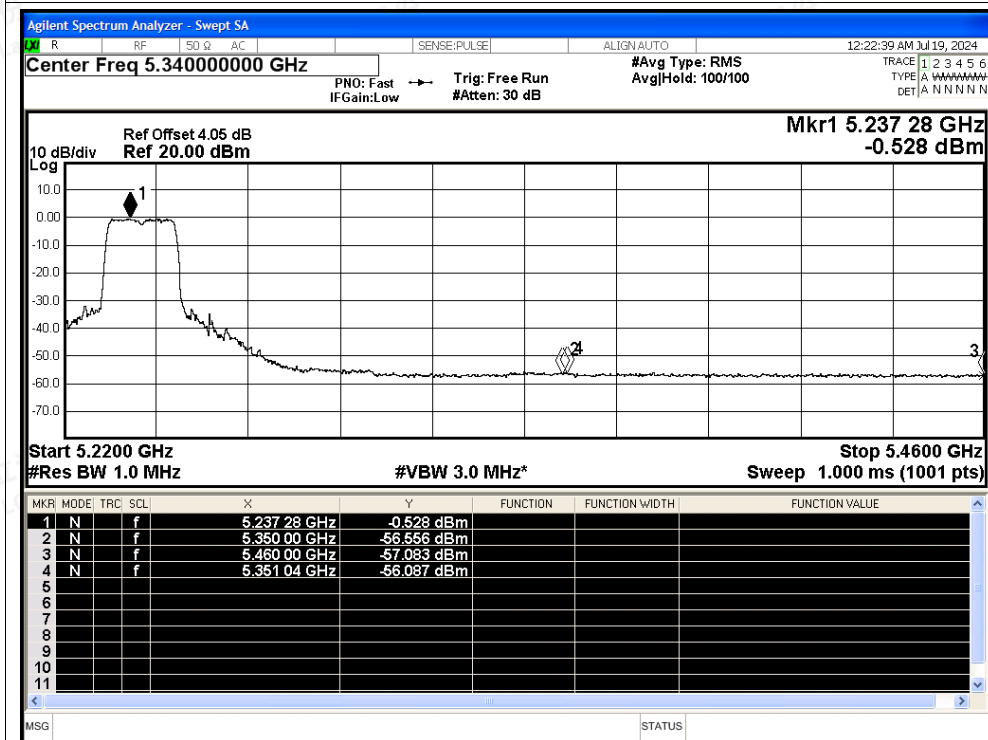
Scan code to check authenticity



Restrict Band NVNT n20 5240MHz Ant1 Peak



Restrict Band NVNT n20 5240MHz Ant1 Average



Shenzhen LCS Compliance Testing Laboratory Ltd.

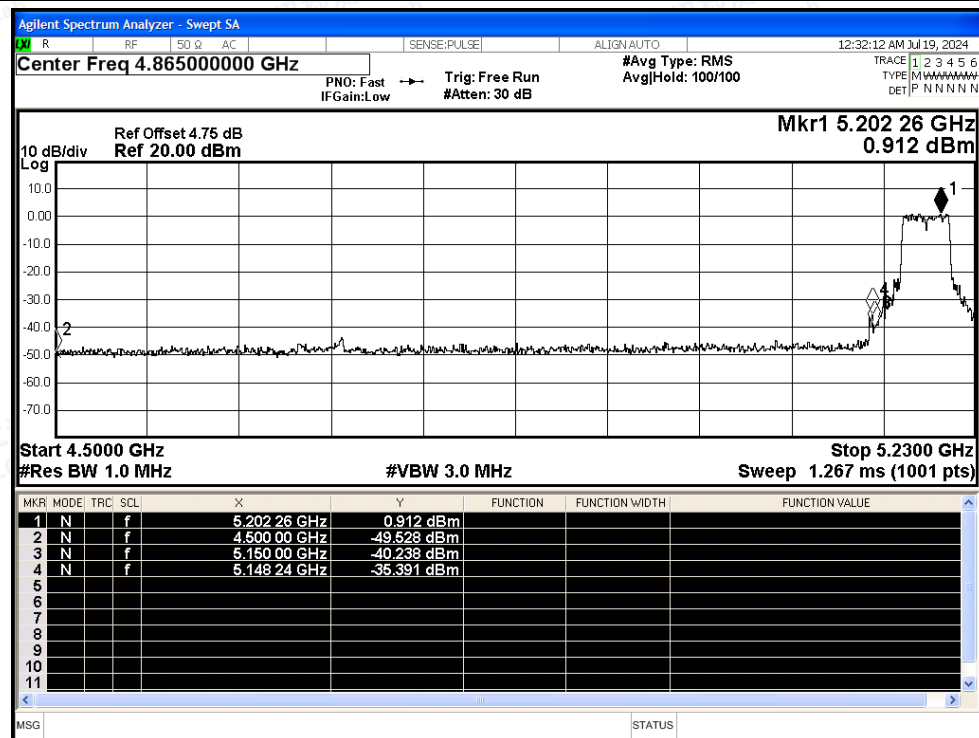
Add: 101, 201 Bldg A & 301 Bldg C, Juji Industrial Park Yabianxueziwei, Shajing Street, Baoan District, Shenzhen, 518000, China

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

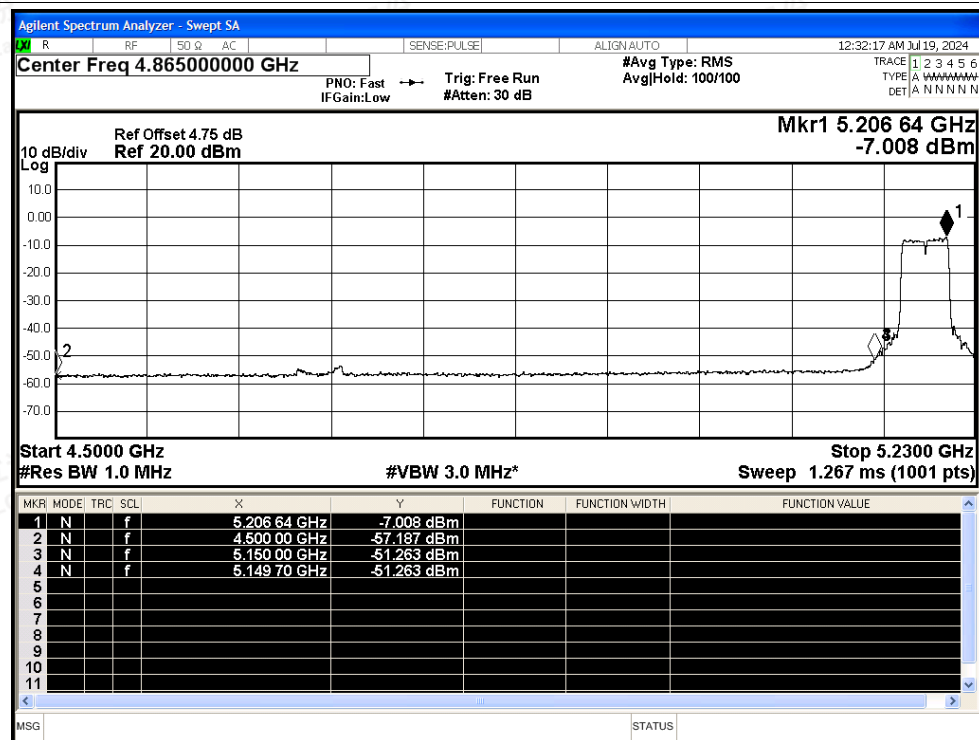
Scan code to check authenticity



Restrict Band NVNT n40 5190MHz Ant1 Peak



Restrict Band NVNT n40 5190MHz Ant1 Average



Shenzhen LCS Compliance Testing Laboratory Ltd.

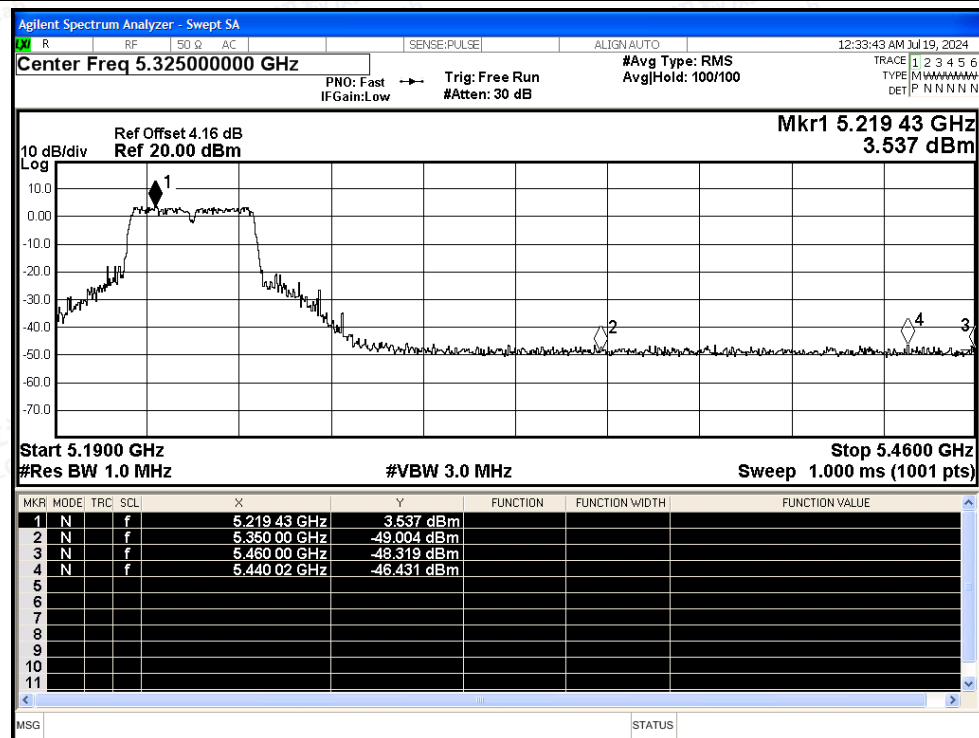
Add: 101, 201 Bldg A & 301 Bldg C, Juji Industrial Park Yabianxueziwei, Shajing Street, Baoan District, Shenzhen, 518000, China

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

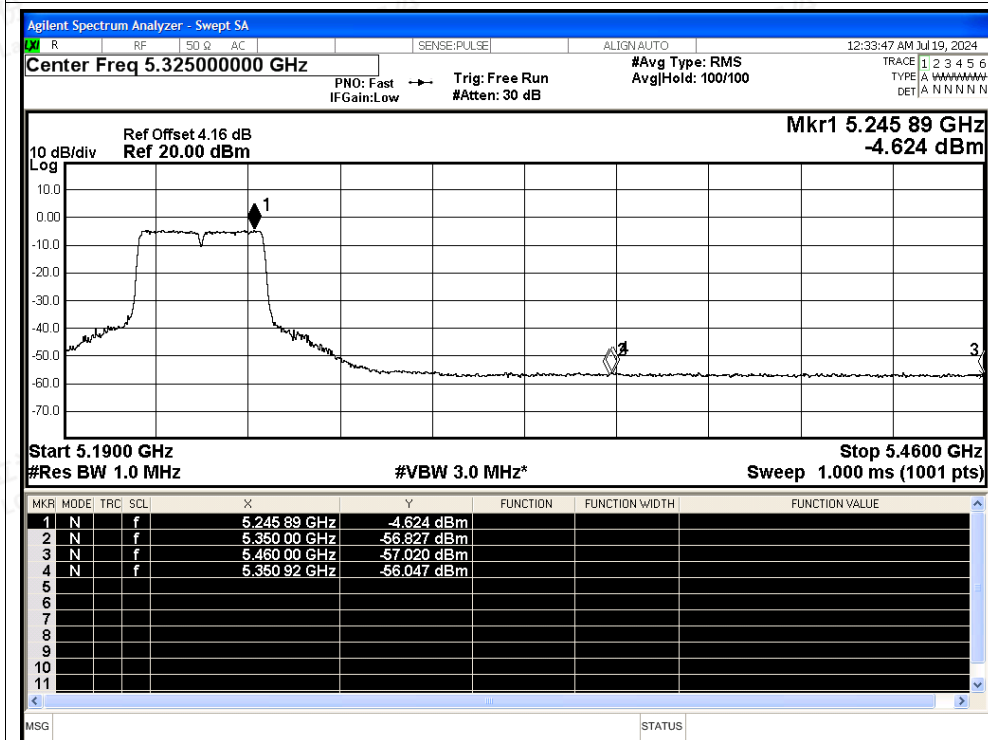
Scan code to check authenticity



Restrict Band NVNT n40 5230MHz Ant1 Peak



Restrict Band NVNT n40 5230MHz Ant1 Average



Shenzhen LCS Compliance Testing Laboratory Ltd.

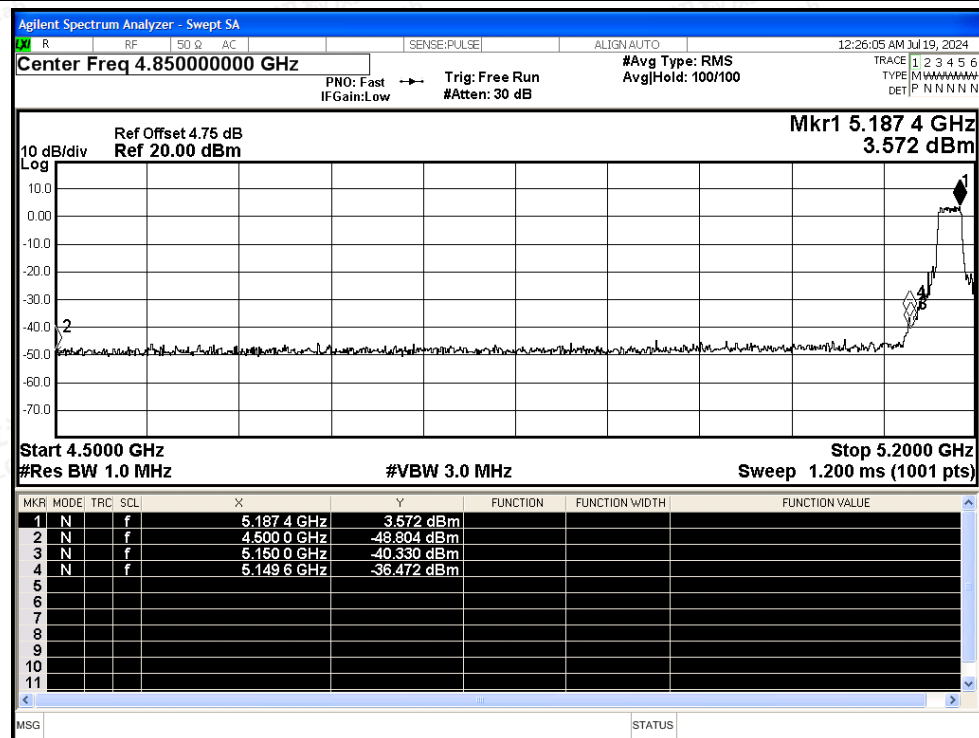
Add: 101, 201 Bldg A & 301 Bldg C, Juji Industrial Park Yabianxueziwei, Shajing Street, Baoan District, Shenzhen, 518000, China

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

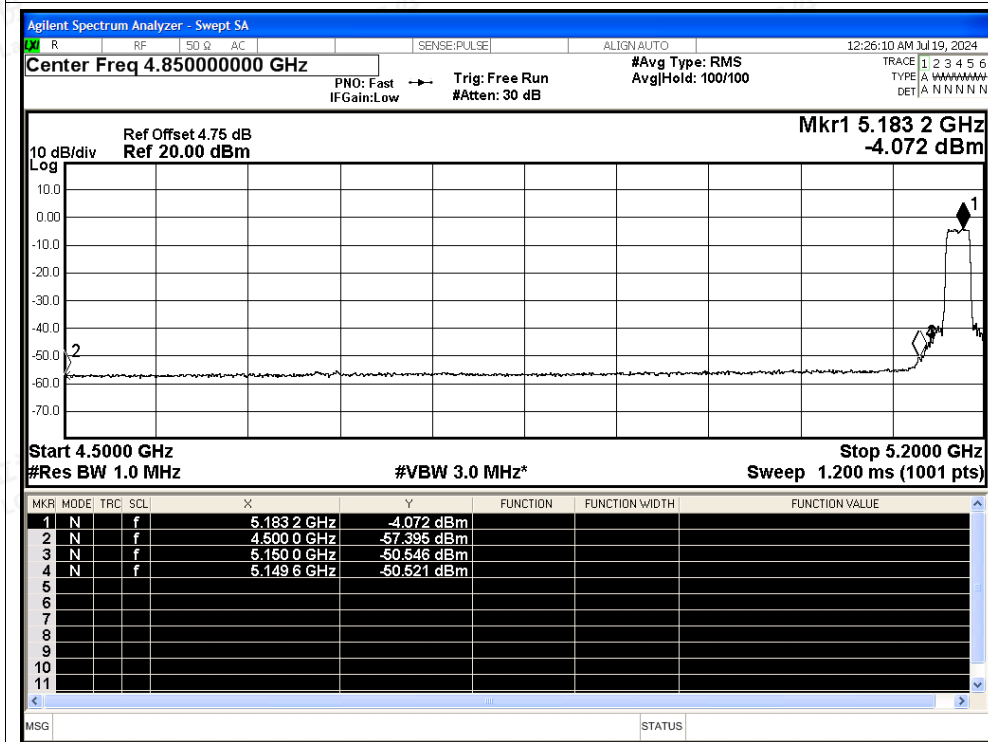
Scan code to check authenticity



Restrict Band NVNT ac20 5180MHz Ant1 Peak



Restrict Band NVNT ac20 5180MHz Ant1 Average



Shenzhen LCS Compliance Testing Laboratory Ltd.

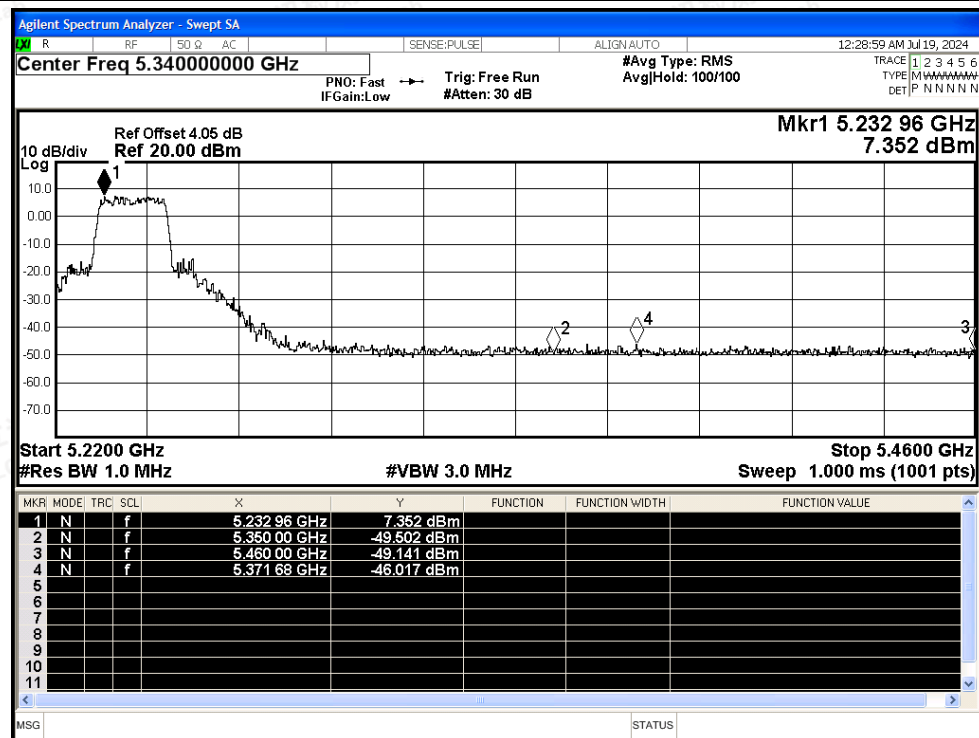
Add: 101, 201 Bldg A & 301 Bldg C, Juji Industrial Park Yabianxueziwei, Shajing Street, Baoan District, Shenzhen, 518000, China

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

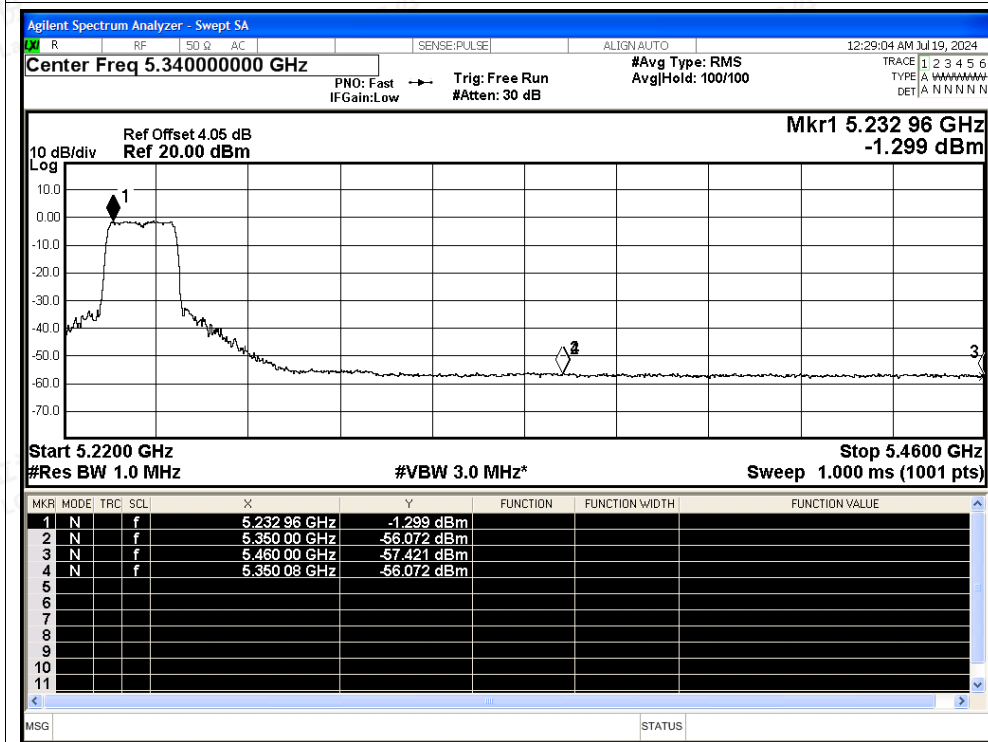
Scan code to check authenticity



Restrict Band NVNT ac20 5240MHz Ant1 Peak



Restrict Band NVNT ac20 5240MHz Ant1 Average



Shenzhen LCS Compliance Testing Laboratory Ltd.

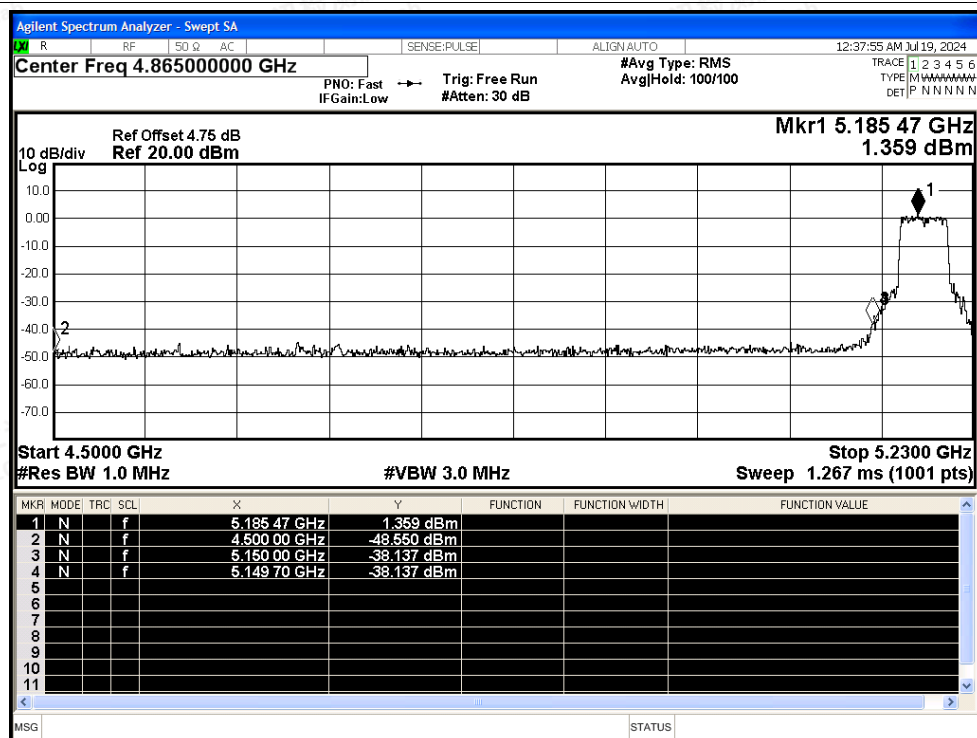
Add: 101, 201 Bldg A & 301 Bldg C, Juji Industrial Park Yabianxueziwei, Shajing Street, Baoan District, Shenzhen, 518000, China

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

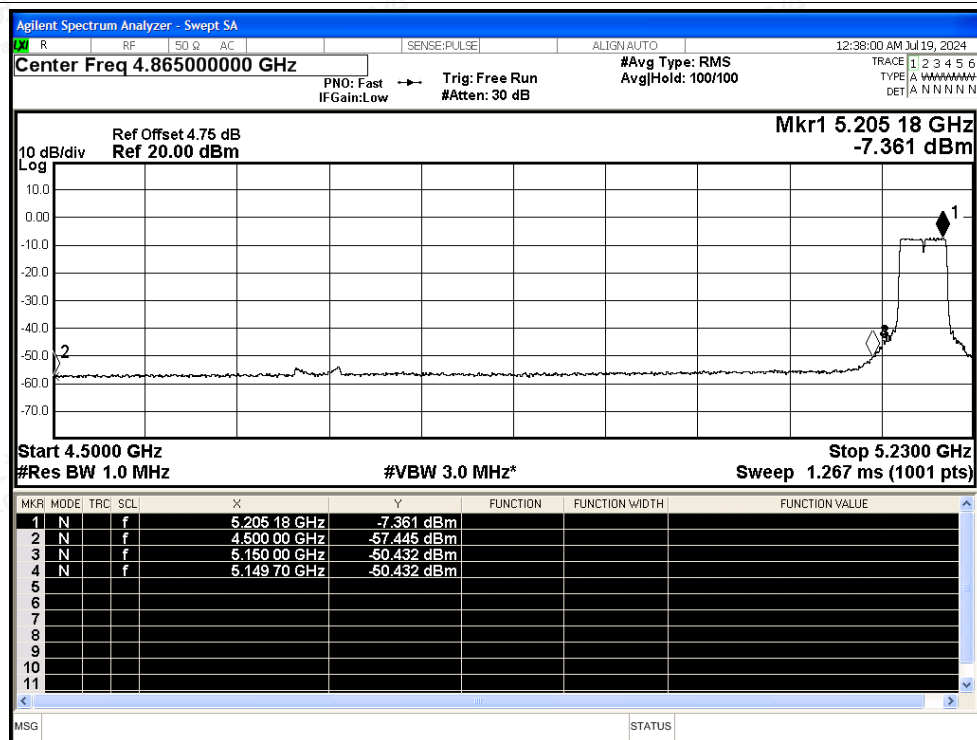
Scan code to check authenticity



Restrict Band NVNT ac40 5190MHz Ant1 Peak



Restrict Band NVNT ac40 5190MHz Ant1 Average



Shenzhen LCS Compliance Testing Laboratory Ltd.

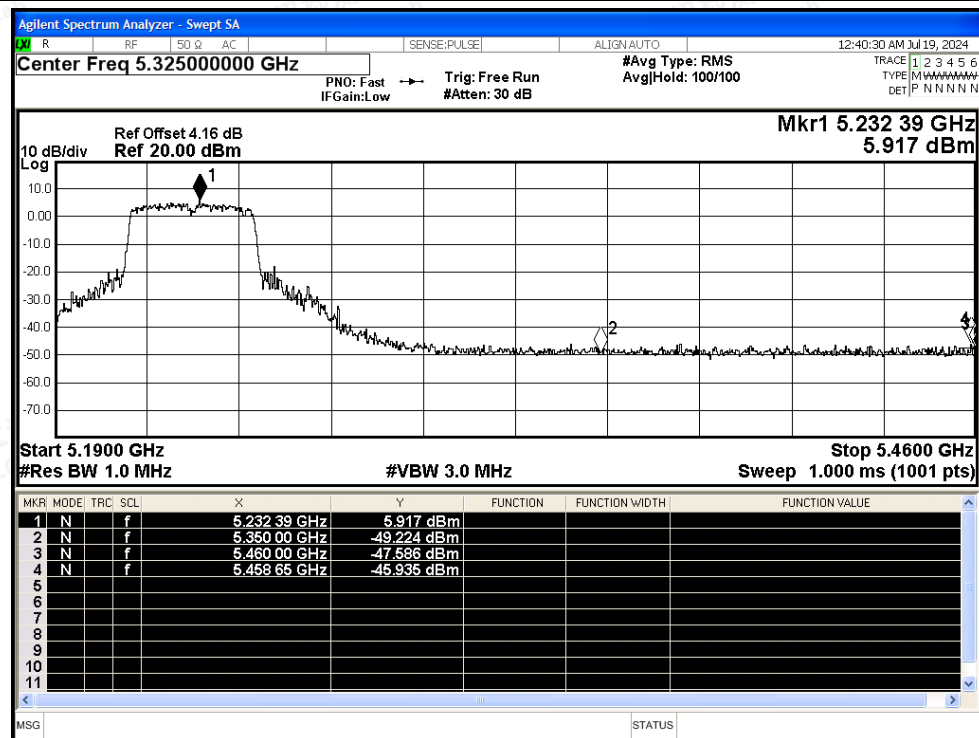
Add: 101, 201 Bldg A & 301 Bldg C, Juji Industrial Park Yabianxueziwei, Shajing Street, Baoan District, Shenzhen, 518000, China

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

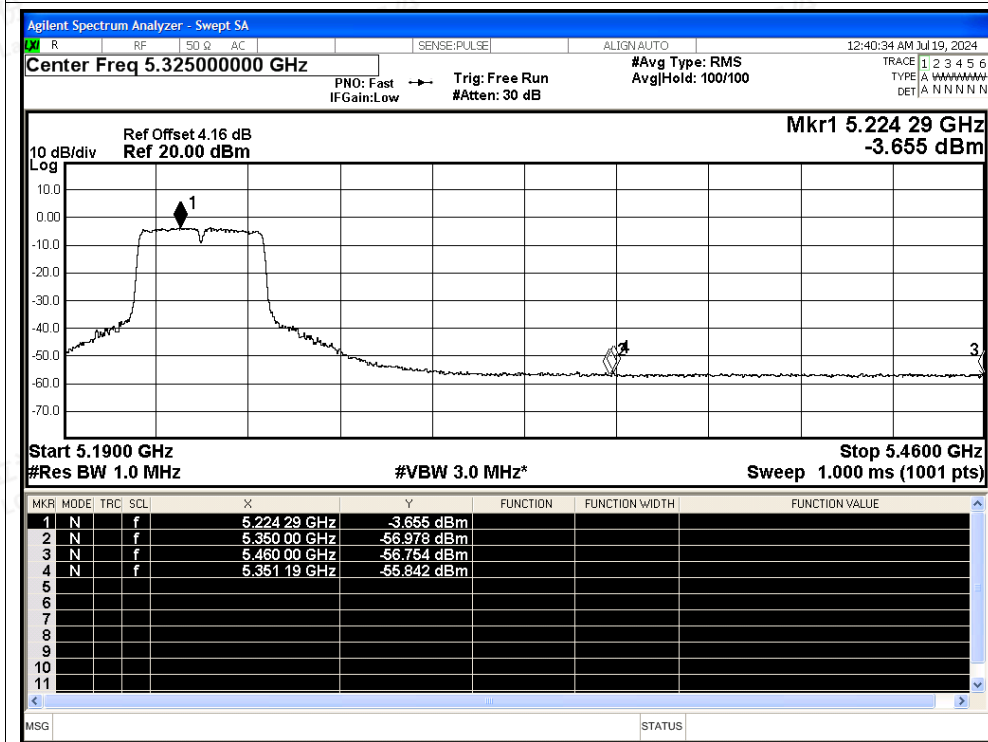
Scan code to check authenticity



Restrict Band NVNT ac40 5230MHz Ant1 Peak



Restrict Band NVNT ac40 5230MHz Ant1 Average



Shenzhen LCS Compliance Testing Laboratory Ltd.

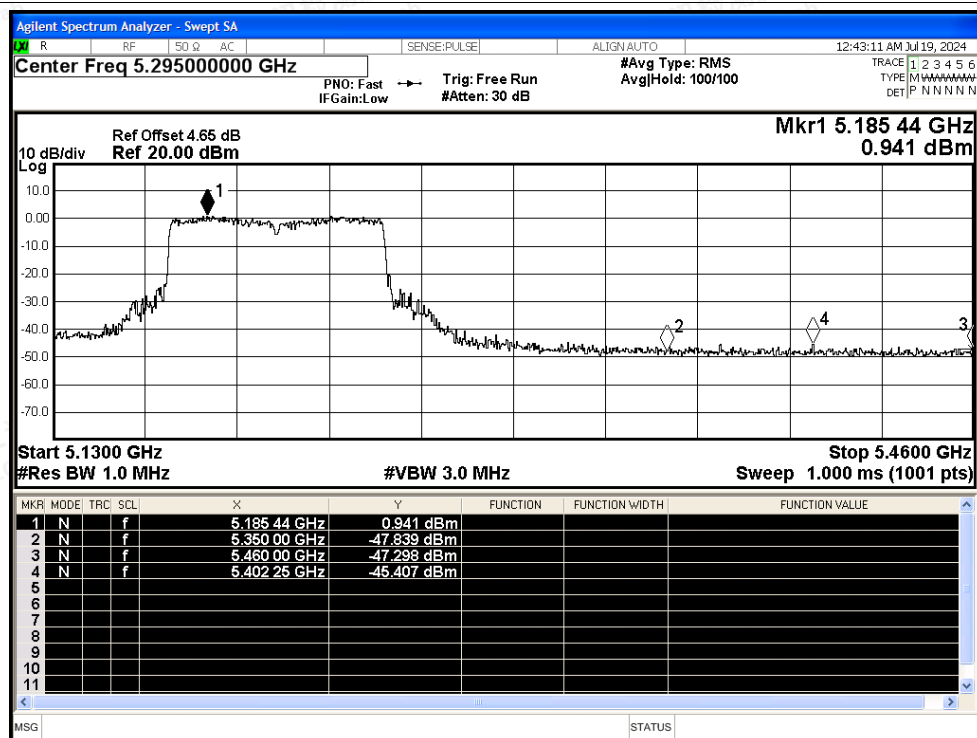
Add: 101, 201 Bldg A & 301 Bldg C, Juji Industrial Park Yabianxueziwei, Shajing Street, Baoan District, Shenzhen, 518000, China

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

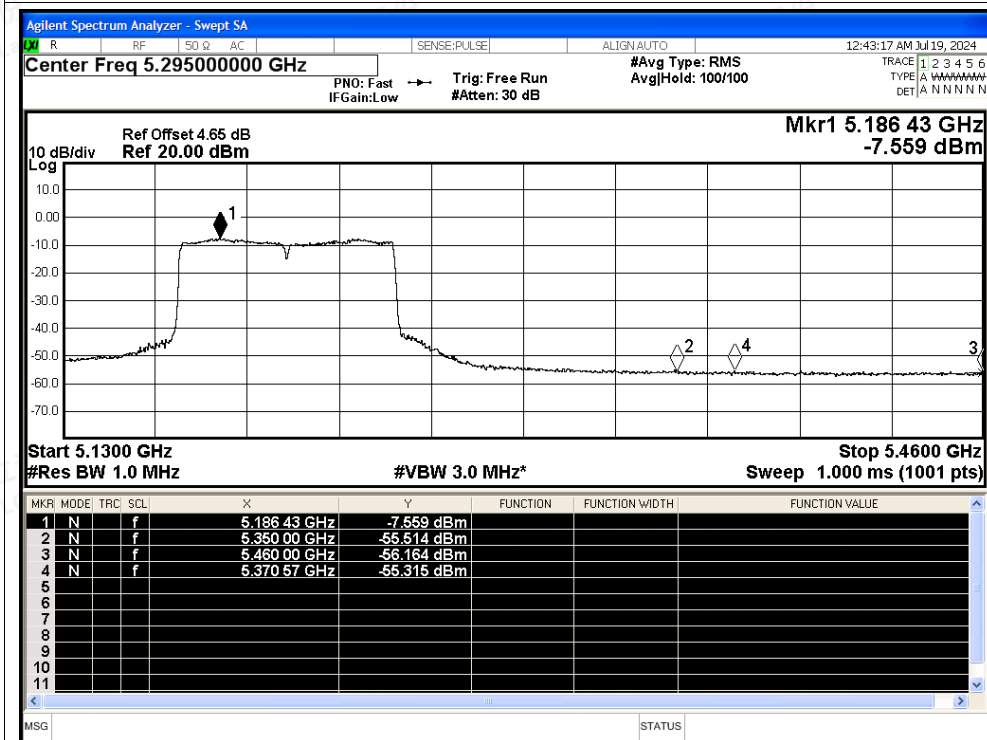
Scan code to check authenticity



Restrict Band NVNT ac80 5210MHz Ant1 Peak



Restrict Band NVNT ac80 5210MHz Ant1 Average



Shenzhen LCS Compliance Testing Laboratory Ltd.

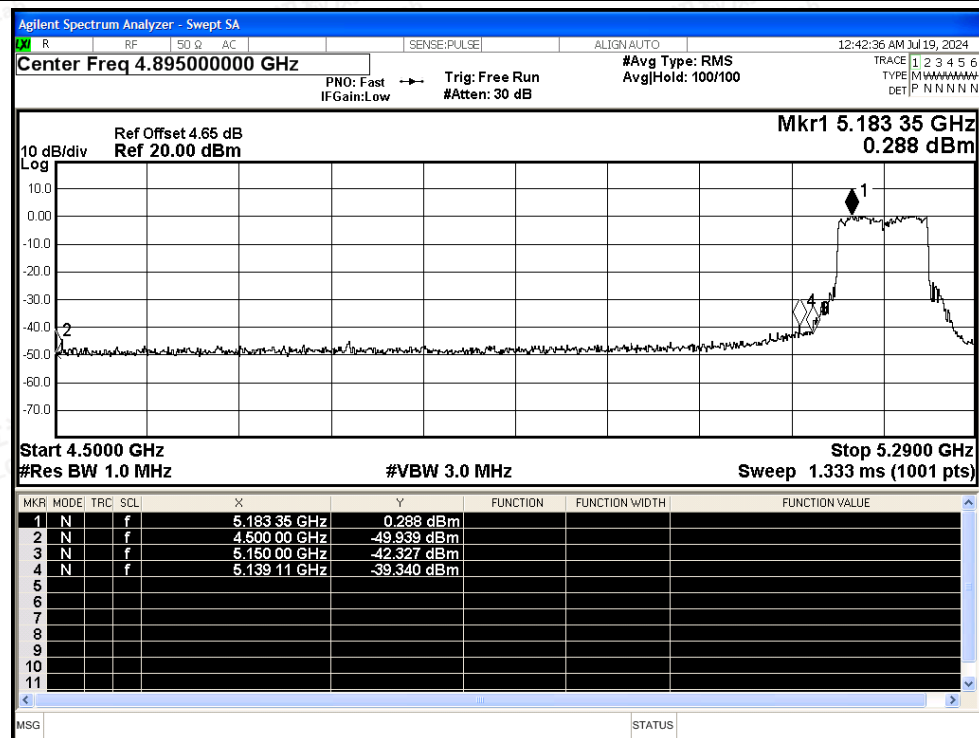
Add: 101, 201 Bldg A & 301 Bldg C, Juji Industrial Park Yabianxueziwei, Shajing Street, Baoan District, Shenzhen, 518000, China

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

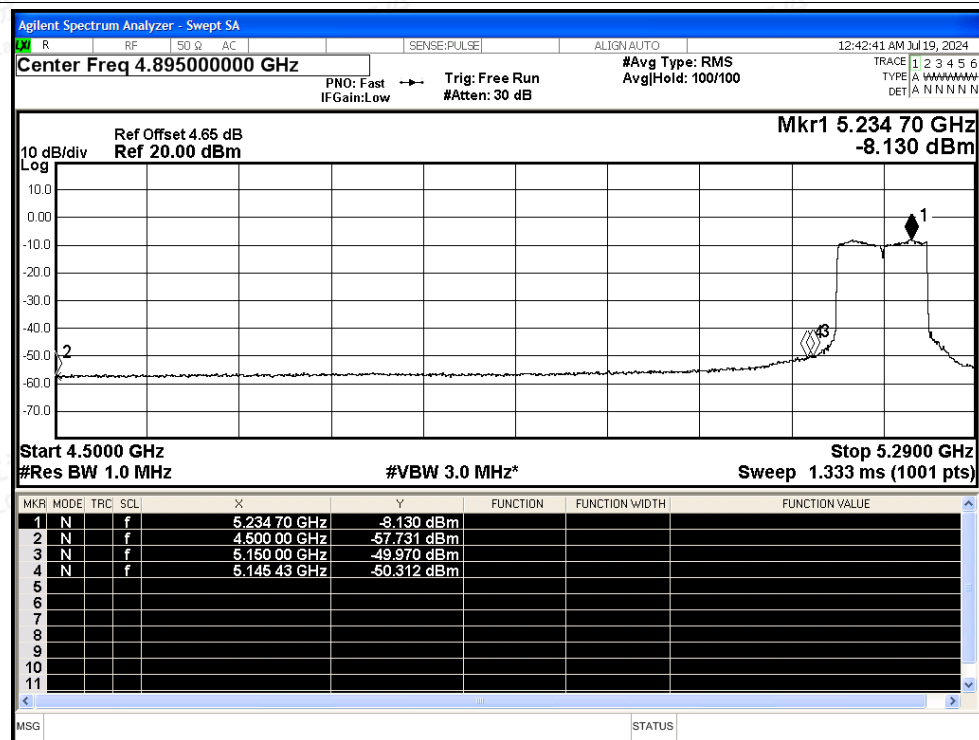
Scan code to check authenticity



Restrict Band NVNT ac80 5210MHz Ant1 Peak



Restrict Band NVNT ac80 5210MHz Ant1 Average



Shenzhen LCS Compliance Testing Laboratory Ltd.

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

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

Scan code to check authenticity



Condition	Mode	Frequency (MHz)	Antenna	Spur Freq (MHz)	Power (dBm)	Gain (dBi)	Duty Factor (dB)	E (dBuV/m)	Detector	Limit (dBuV/m)	Verdict
NVNT	a	5180	Ant2	4500	-49.4	3.3	-	49.13	Peak	74	Pass
NVNT	a	5180	Ant2	4500	-57.27	3.3	0.24	41.50	Average	54	Pass
NVNT	a	5180	Ant2	5148.2	-39.35	3.3	-	59.18	Peak	74	Pass
NVNT	a	5180	Ant2	5148.2	-51.82	3.3	0.24	46.95	Average	54	Pass
NVNT	a	5180	Ant2	5150	-41.02	3.3	-	57.51	Peak	74	Pass
NVNT	a	5180	Ant2	5150	-51.5	3.3	0.24	47.27	Average	54	Pass
NVNT	a	5240	Ant2	5350	-49.61	3.3	-	48.92	Peak	74	Pass
NVNT	a	5240	Ant2	5350	-56.22	3.3	0.24	42.55	Average	54	Pass
NVNT	a	5240	Ant2	5373.36	-46.19	3.3	-	52.34	Peak	74	Pass
NVNT	a	5240	Ant2	5363.52	-55.91	3.3	0.24	42.86	Average	54	Pass
NVNT	a	5240	Ant2	5460	-49.9	3.3	-	48.63	Peak	74	Pass
NVNT	a	5240	Ant2	5460	-57.28	3.3	0.24	41.49	Average	54	Pass
NVNT	n20	5180	Ant2	4500	-48.3	3.3	-	50.23	Peak	74	Pass
NVNT	n20	5180	Ant2	4500	-57.34	3.3	0.28	41.47	Average	54	Pass
NVNT	n20	5180	Ant2	5149.6	-38.56	3.3	-	59.97	Peak	74	Pass
NVNT	n20	5180	Ant2	5149.6	-52.84	3.3	0.28	45.97	Average	54	Pass
NVNT	n20	5180	Ant2	5150	-42.38	3.3	-	56.15	Peak	74	Pass
NVNT	n20	5180	Ant2	5150	-51.87	3.3	0.28	46.94	Average	54	Pass
NVNT	n20	5240	Ant2	5350	-48.06	3.3	-	50.47	Peak	74	Pass
NVNT	n20	5240	Ant2	5350	-56.44	3.3	0.28	42.37	Average	54	Pass
NVNT	n20	5240	Ant2	5382.96	-46.18	3.3	-	52.35	Peak	74	Pass
NVNT	n20	5240	Ant2	5350.8	-55.85	3.3	0.28	42.96	Average	54	Pass
NVNT	n20	5240	Ant2	5460	-48.58	3.3	-	49.95	Peak	74	Pass
NVNT	n20	5240	Ant2	5460	-57.38	3.3	0.28	41.43	Average	54	Pass
NVNT	n40	5190	Ant2	4500	-48.82	3.3	-	49.71	Peak	74	Pass
NVNT	n40	5190	Ant2	4500	-57.35	3.3	0.12	41.30	Average	54	Pass
NVNT	n40	5190	Ant2	5148.24	-40.53	3.3	-	58.00	Peak	74	Pass
NVNT	n40	5190	Ant2	5148.97	-52.62	3.3	0.12	46.03	Average	54	Pass
NVNT	n40	5190	Ant2	5150	-41.14	3.3	-	57.39	Peak	74	Pass
NVNT	n40	5190	Ant2	5150	-52.64	3.3	0.12	46.01	Average	54	Pass
NVNT	n40	5230	Ant2	5350	-49.16	3.3	-	49.37	Peak	74	Pass
NVNT	n40	5230	Ant2	5350	-57.11	3.3	0.12	41.54	Average	54	Pass
NVNT	n40	5230	Ant2	5429.22	-46.06	3.3	-	52.47	Peak	74	Pass
NVNT	n40	5230	Ant2	5385.21	-56.07	3.3	0.12	42.58	Average	54	Pass
NVNT	n40	5230	Ant2	5460	-47.64	3.3	-	50.89	Peak	74	Pass
NVNT	n40	5230	Ant2	5460	-56.75	3.3	0.12	41.90	Average	54	Pass
NVNT	ac20	5180	Ant2	4500	-49.61	3.3	-	48.92	Peak	74	Pass
NVNT	ac20	5180	Ant2	4500	-57.03	3.3	0.28	41.78	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