



Appendix B

RF Test Data for 5.2GWIFI (Conducted Measurement)

Product Name: Wi-Fi Router
Test Model: WR3000

Environmental Conditions

Temperature:	23.8° C
Relative Humidity:	52.1%
ATM Pressure:	100.0 kPa
Test Engineer:	Taylor Hu
Supervised by:	Ling Zhu





B.1 -26dB Bandwidth

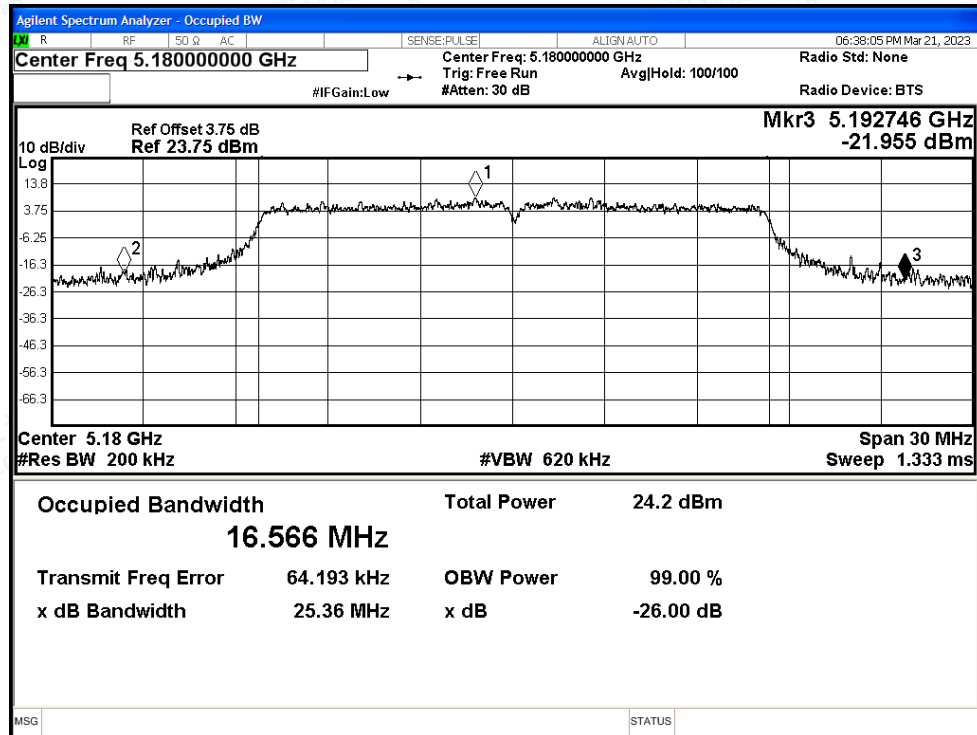
Condition	Mode	Frequency (MHz)	Antenna	-26 dB Bandwidth (MHz)	Limit -26 dB Bandwidth (MHz)	Verdict
NVNT	a	5180	Ant0	25.363	≥ 0.5	Pass
NVNT	a	5200	Ant0	25.477	≥ 0.5	Pass
NVNT	a	5240	Ant0	20.138	≥ 0.5	Pass
NVNT	n20	5180	Ant0	23.927	≥ 0.5	Pass
NVNT	n20	5200	Ant0	28.963	≥ 0.5	Pass
NVNT	n20	5240	Ant0	20.279	≥ 0.5	Pass
NVNT	n40	5190	Ant0	49.748	≥ 0.5	Pass
NVNT	n40	5230	Ant0	40.174	≥ 0.5	Pass
NVNT	ac20	5180	Ant0	25.04	≥ 0.5	Pass
NVNT	ac20	5200	Ant0	24.655	≥ 0.5	Pass
NVNT	ac20	5240	Ant0	20.173	≥ 0.5	Pass
NVNT	ac40	5190	Ant0	55.446	≥ 0.5	Pass
NVNT	ac40	5230	Ant0	40.485	≥ 0.5	Pass
NVNT	ac80	5210	Ant0	94.289	≥ 0.5	Pass
NVNT	ac160	5250	Ant0	166.611	≥ 0.5	Pass
NVNT	ax20	5180	Ant0	26.029	≥ 0.5	Pass
NVNT	ax20	5200	Ant0	26.028	≥ 0.5	Pass
NVNT	ax20	5240	Ant0	19.952	≥ 0.5	Pass
NVNT	ax40	5190	Ant0	51.89	≥ 0.5	Pass
NVNT	ax40	5230	Ant0	39.268	≥ 0.5	Pass
NVNT	ax80	5210	Ant0	83.268	≥ 0.5	Pass
NVNT	ax160	5250	Ant0	162.143	≥ 0.5	Pass



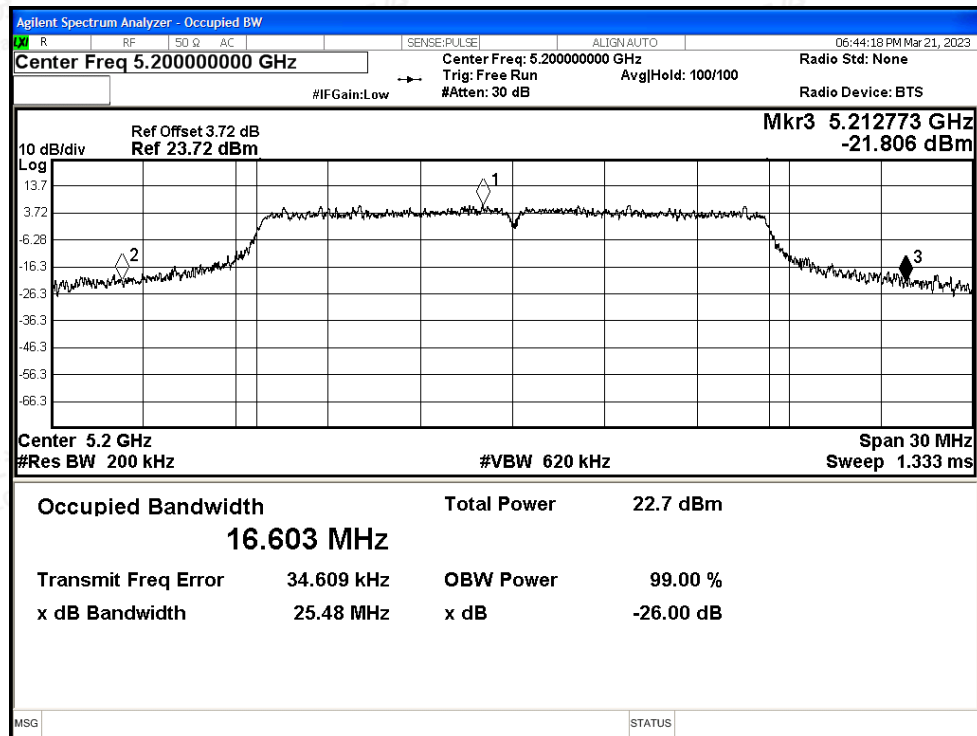


Test Graphs

-26dB Bandwidth NVNT a 5180MHz Ant0



-26dB Bandwidth NVNT a 5200MHz Ant0

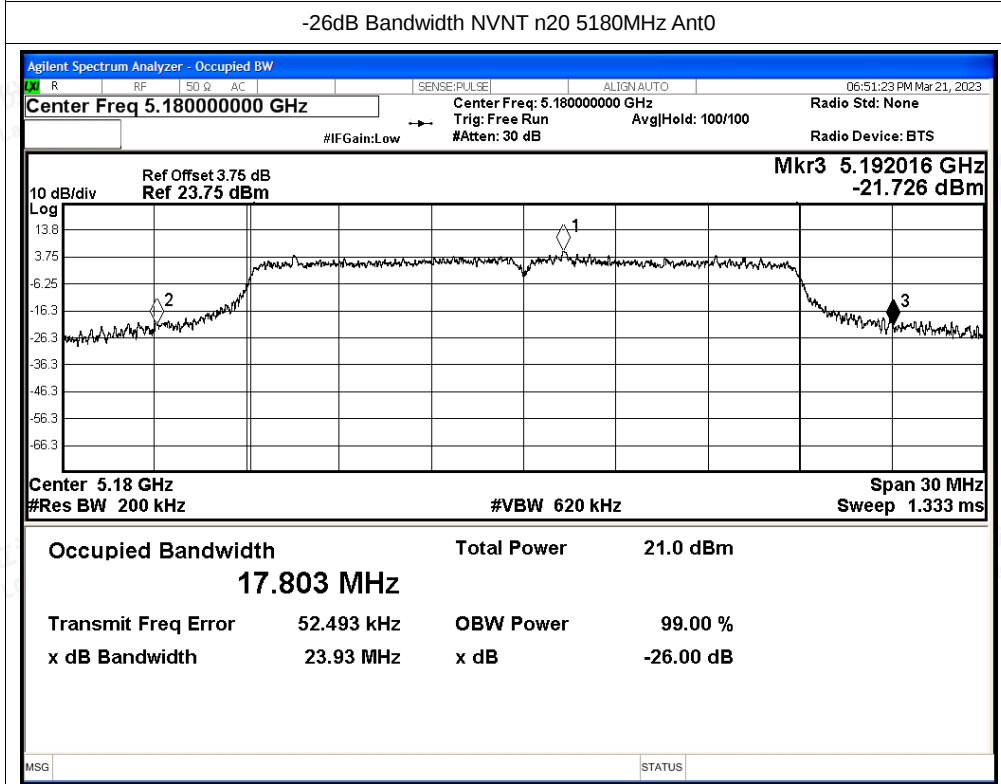
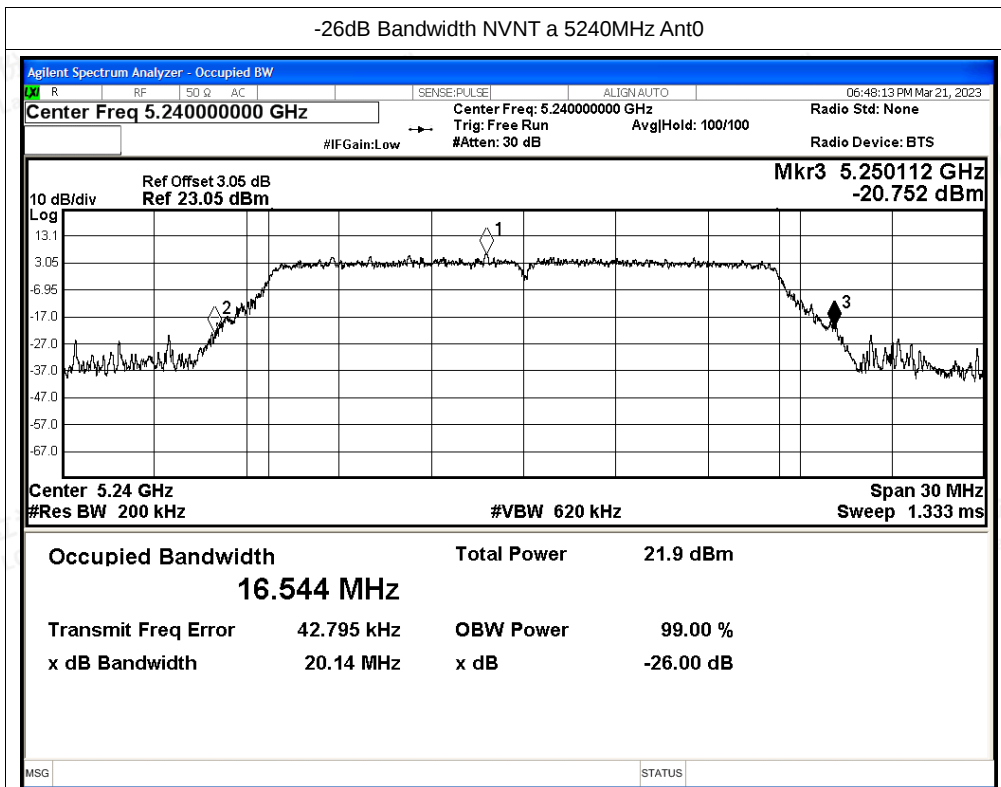


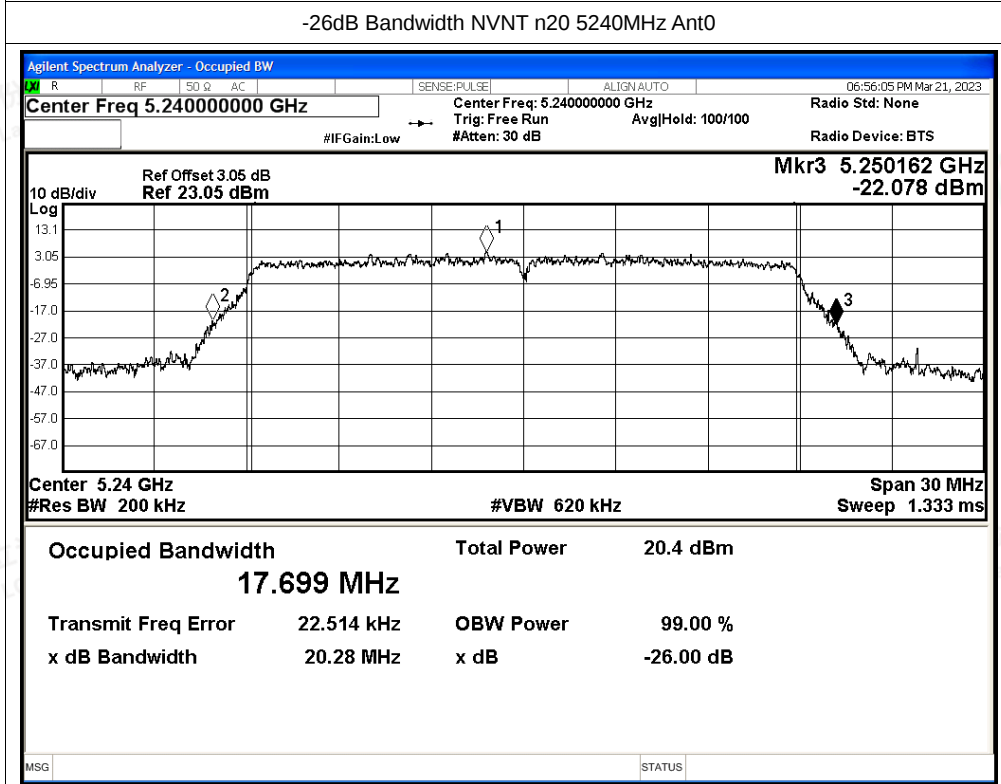
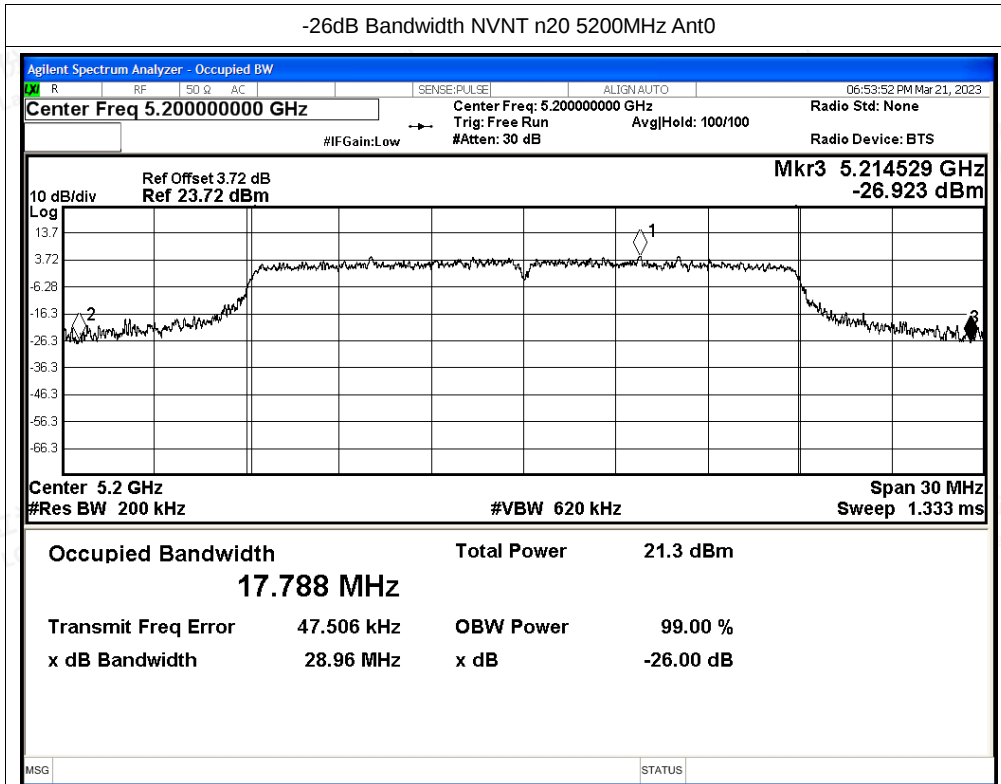
Shenzhen LCS Compliance Testing Laboratory Ltd.

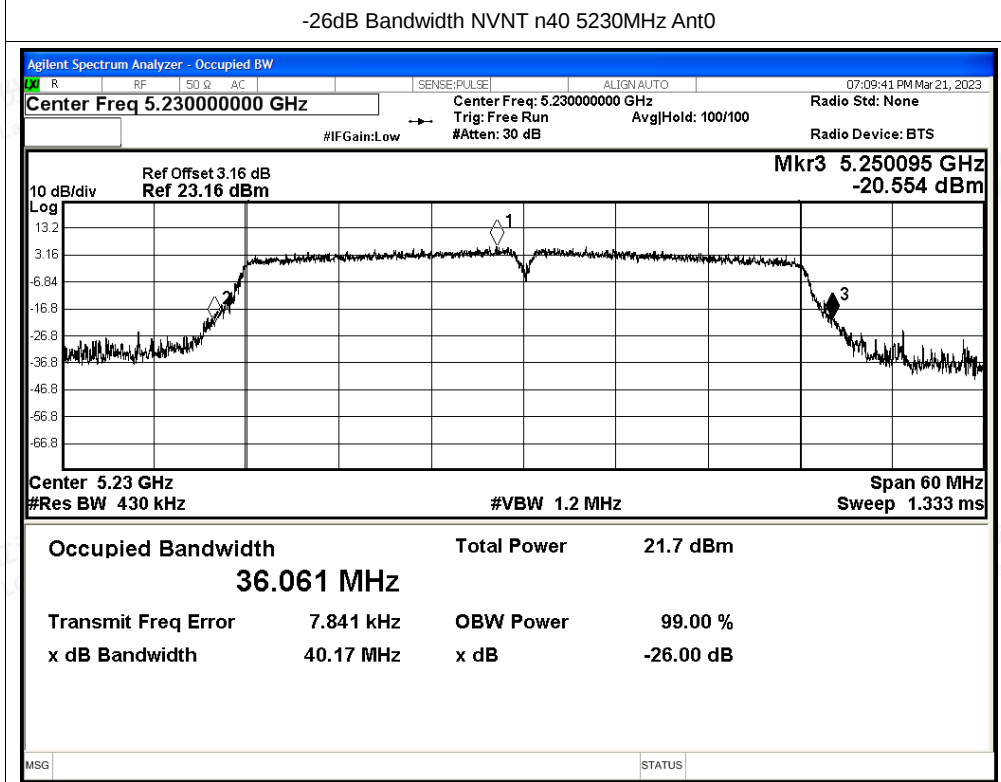
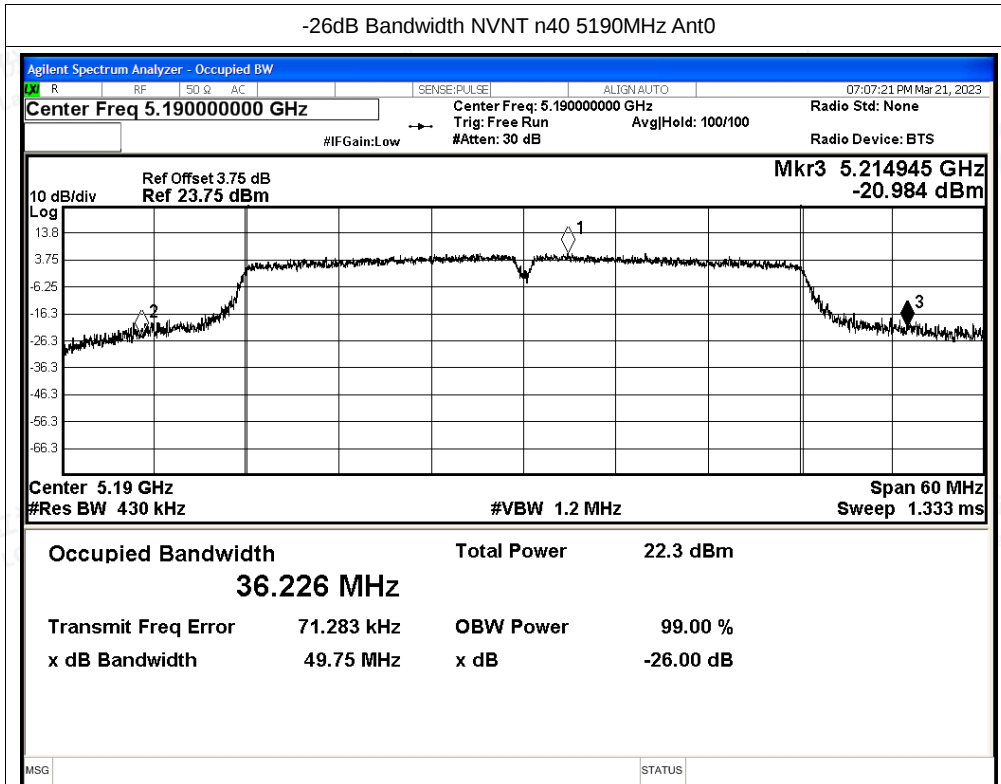
Add: 101, 201 Bldg A & 301 Bldg C, Juji Industrial Park Yabianxueziwei, Shajing Street, Baoan District, Shenzhen, 518000, China

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.

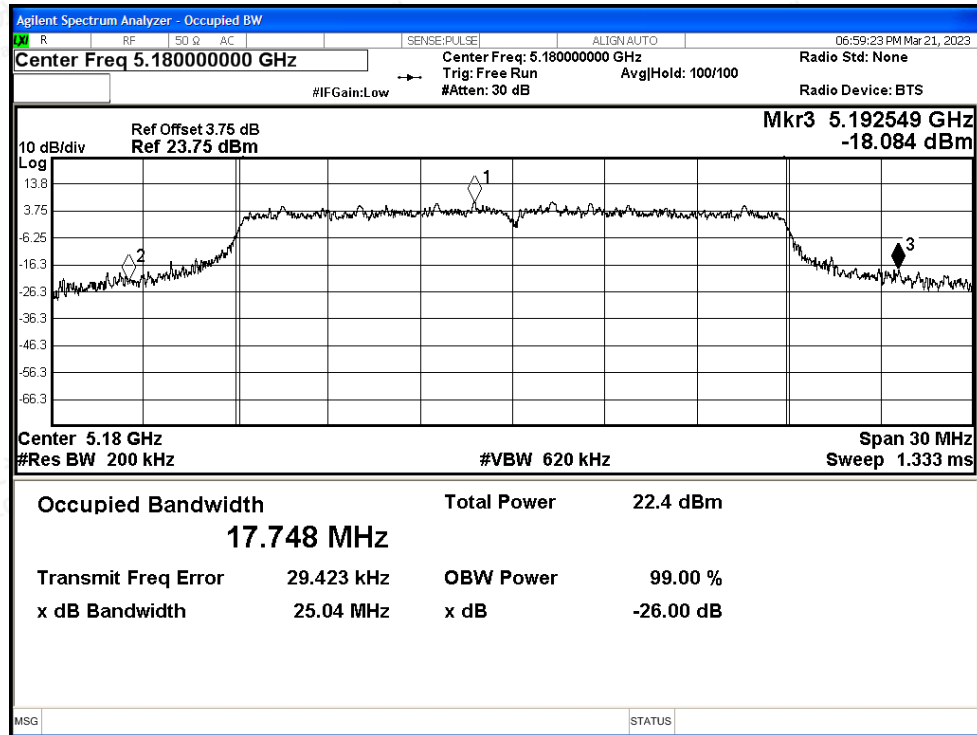
Add: 101, 201 Bldg A & 301 Bldg C, Juji Industrial Park Yabianxueziwei, Shajing Street, Baoan District, Shenzhen, 518000, China

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

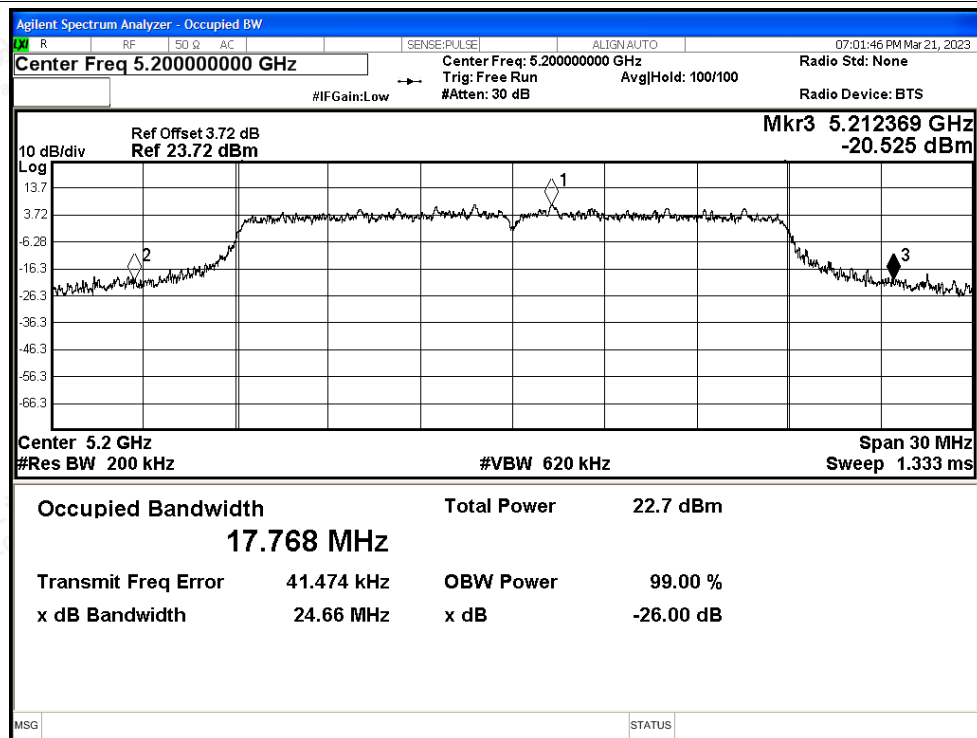
Scan code to check authenticity

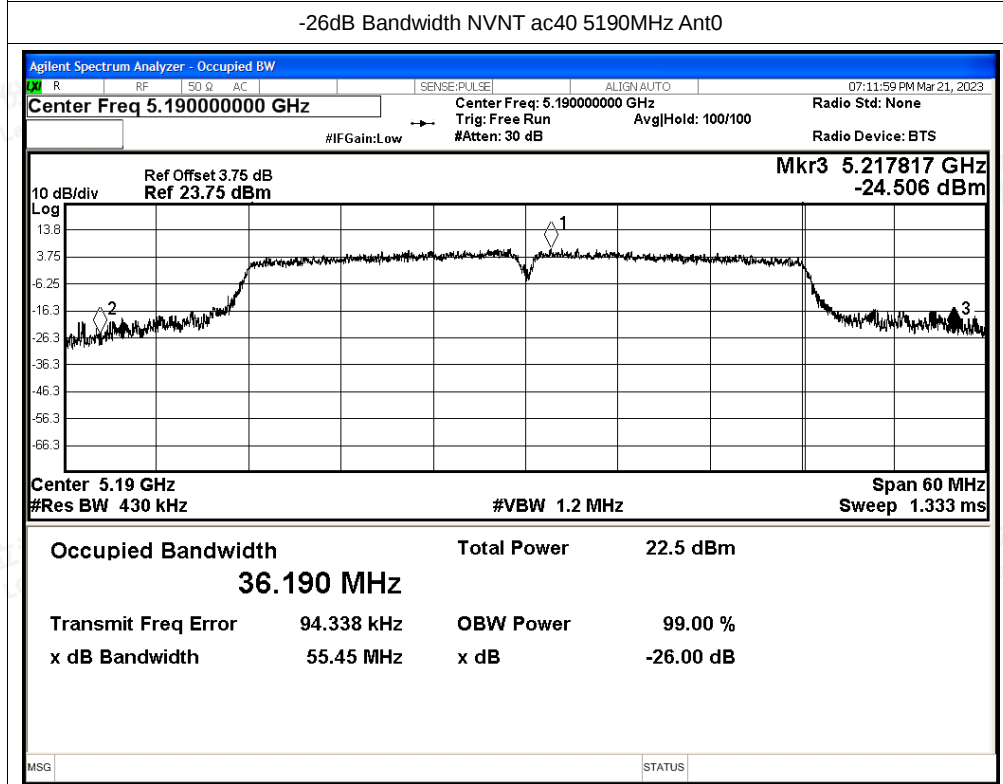
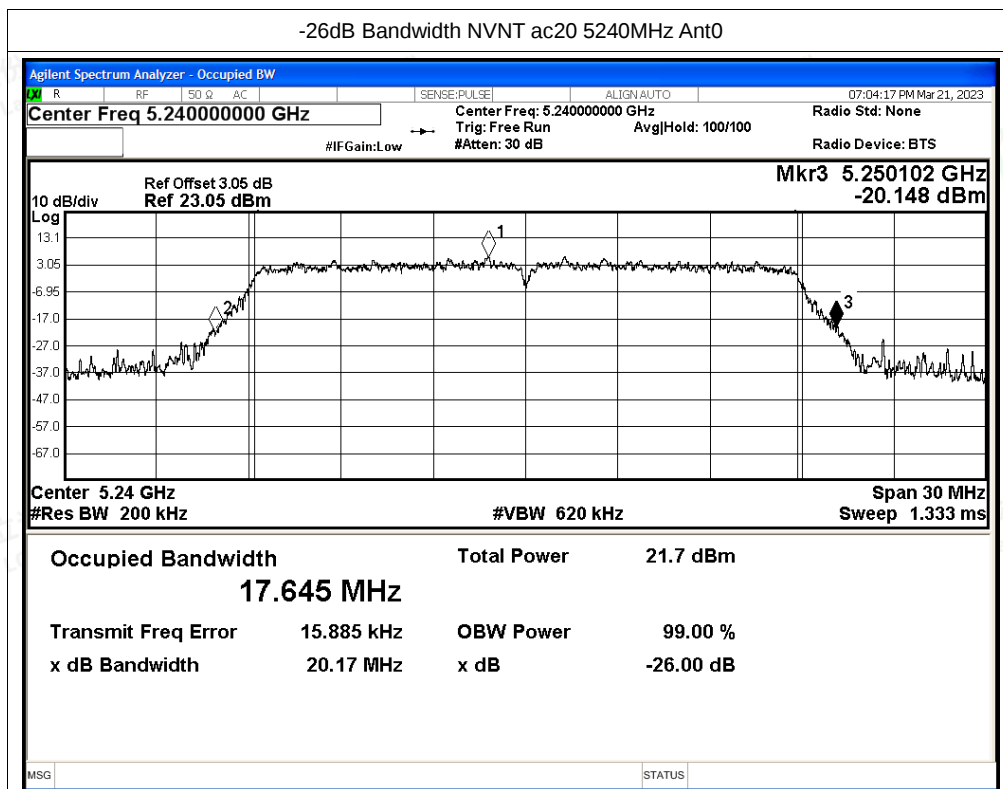


-26dB Bandwidth NVNT ac20 5180MHz Ant0



-26dB Bandwidth NVNT ac20 5200MHz Ant0





Shenzhen LCS Compliance Testing Laboratory Ltd.

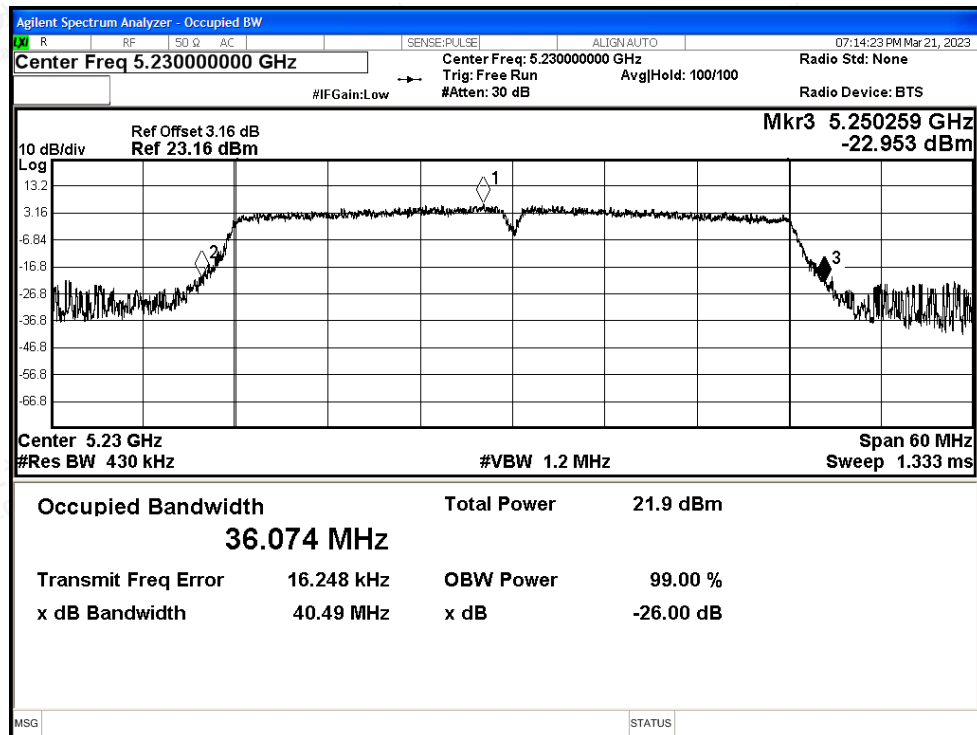
Add: 101, 201 Bldg A & 301 Bldg C, Juji Industrial Park Yabianxueziwei, Shajing Street, Baoan District, Shenzhen, 518000, China

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

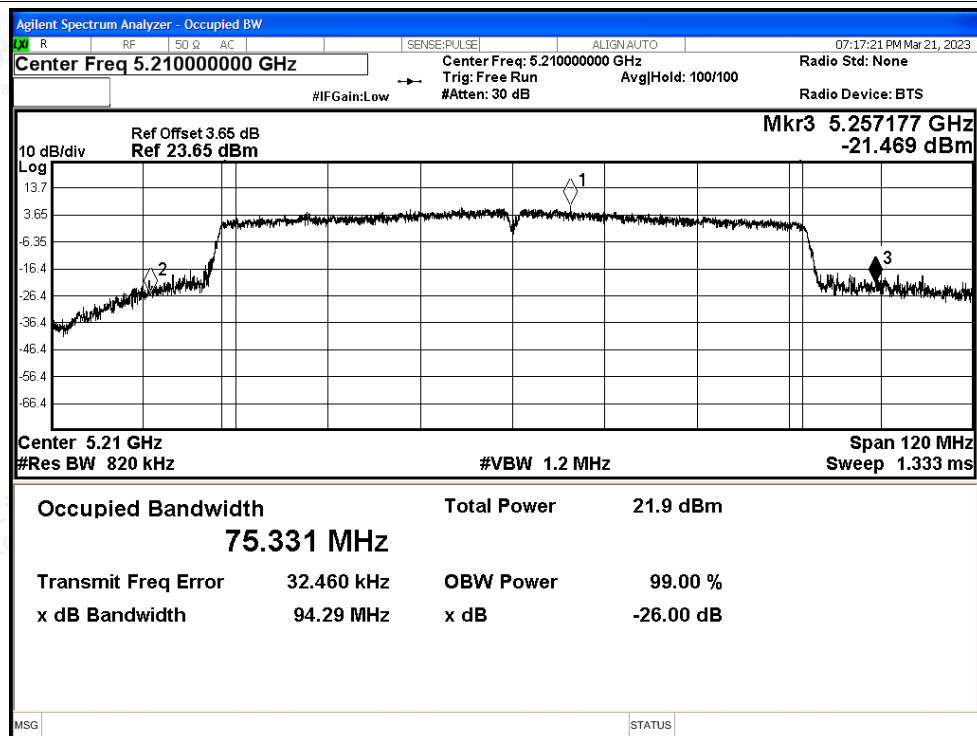
Scan code to check authenticity



-26dB Bandwidth NVNT ac40 5230MHz Ant0



-26dB Bandwidth NVNT ac80 5210MHz Ant0



-26dB Bandwidth NVNT ac160 5250MHz Ant1

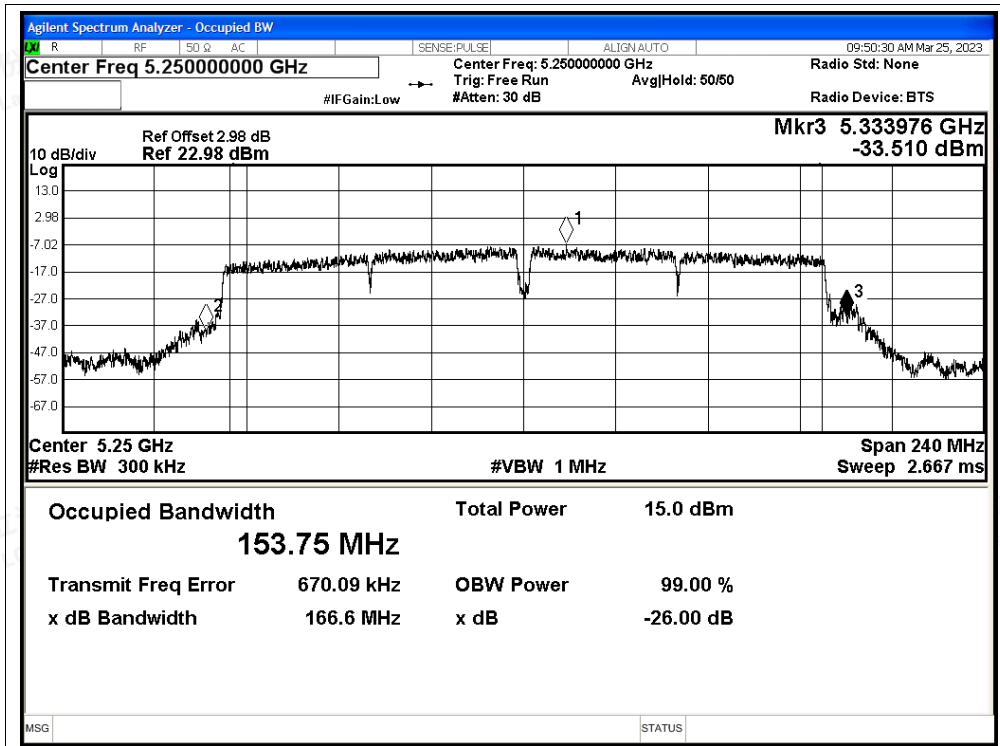


Shenzhen LCS Compliance Testing Laboratory Ltd.

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.

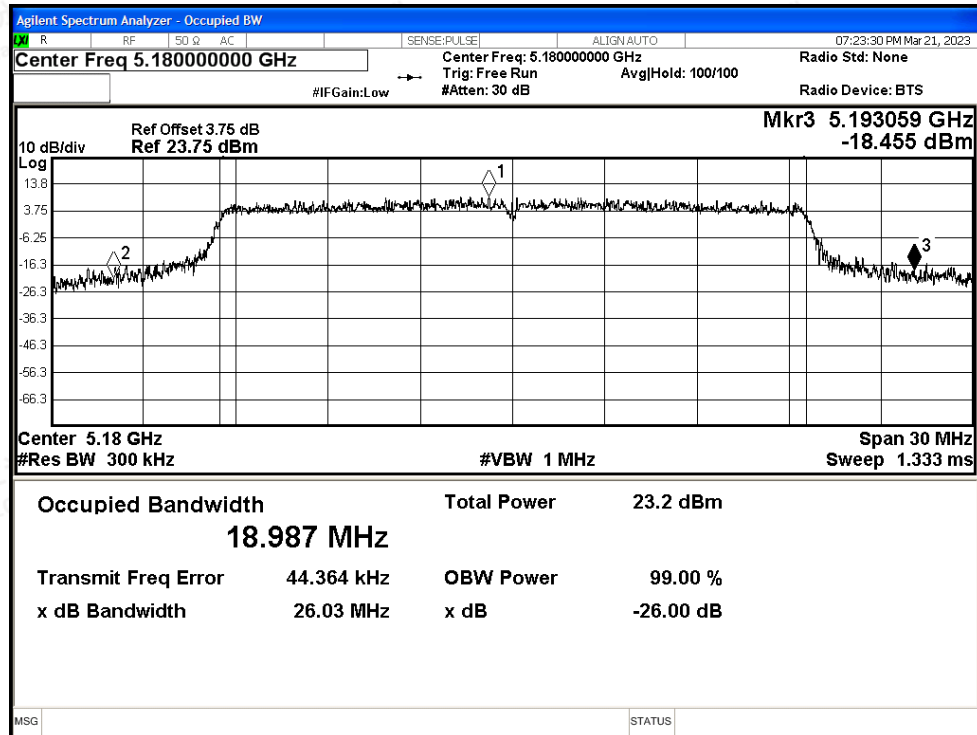
Add: 101, 201 Bldg A & 301 Bldg C, Juji Industrial Park Yabianxueziwei, Shajing Street, Baoan District, Shenzhen, 518000, China

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

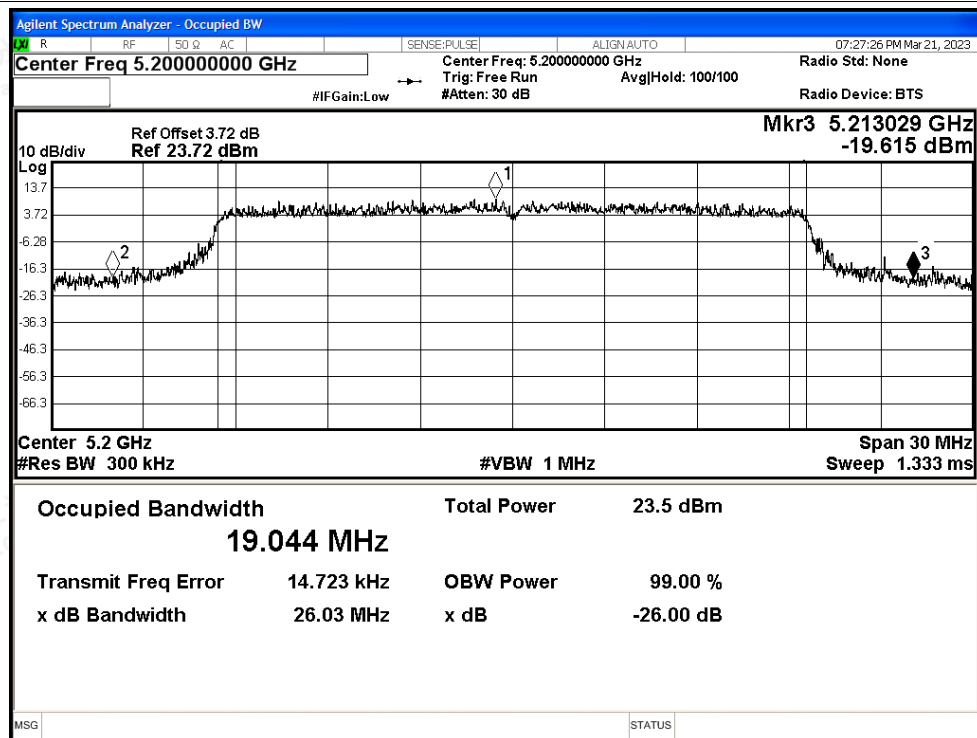
Scan code to check authenticity



-26dB Bandwidth NVNT ax20 5180MHz Ant0



-26dB Bandwidth NVNT ax20 5200MHz Ant0



Shenzhen LCS Compliance Testing Laboratory Ltd.

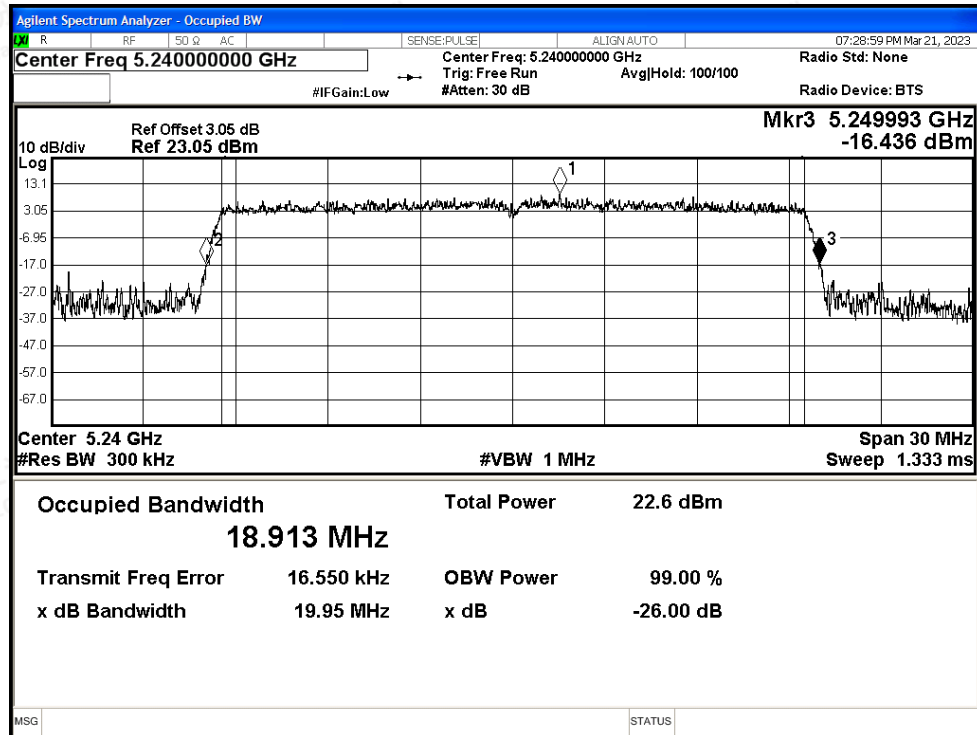
Add: 101, 201 Bldg A & 301 Bldg C, Juji Industrial Park Yabianxueziwei, Shajing Street, Baoan District, Shenzhen, 518000, China

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

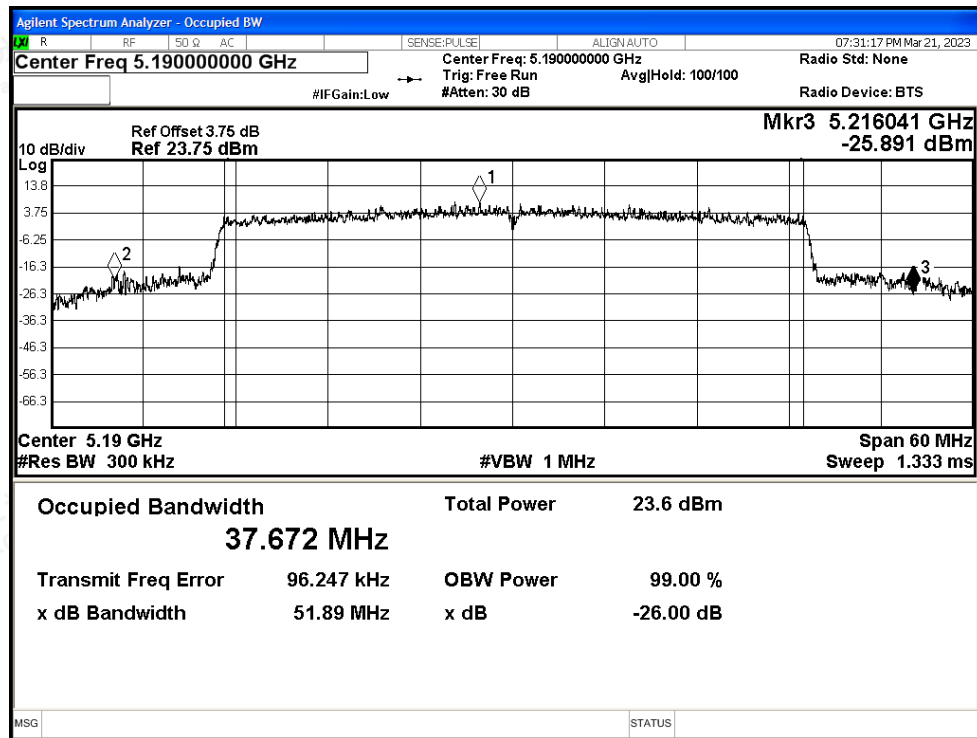
Scan code to check authenticity



-26dB Bandwidth NVNT ax20 5240MHz Ant0



-26dB Bandwidth NVNT ax40 5190MHz Ant0



Shenzhen LCS Compliance Testing Laboratory Ltd.

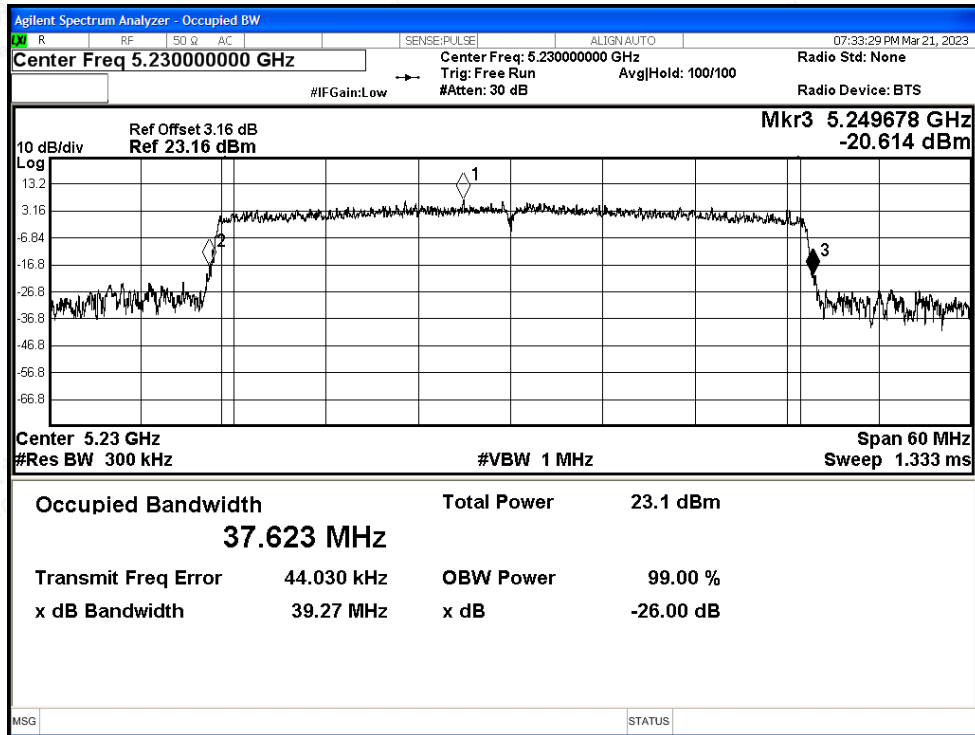
Add: 101, 201 Bldg A & 301 Bldg C, Juji Industrial Park Yabianxueziwei, Shajing Street, Baoan District, Shenzhen, 518000, China

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

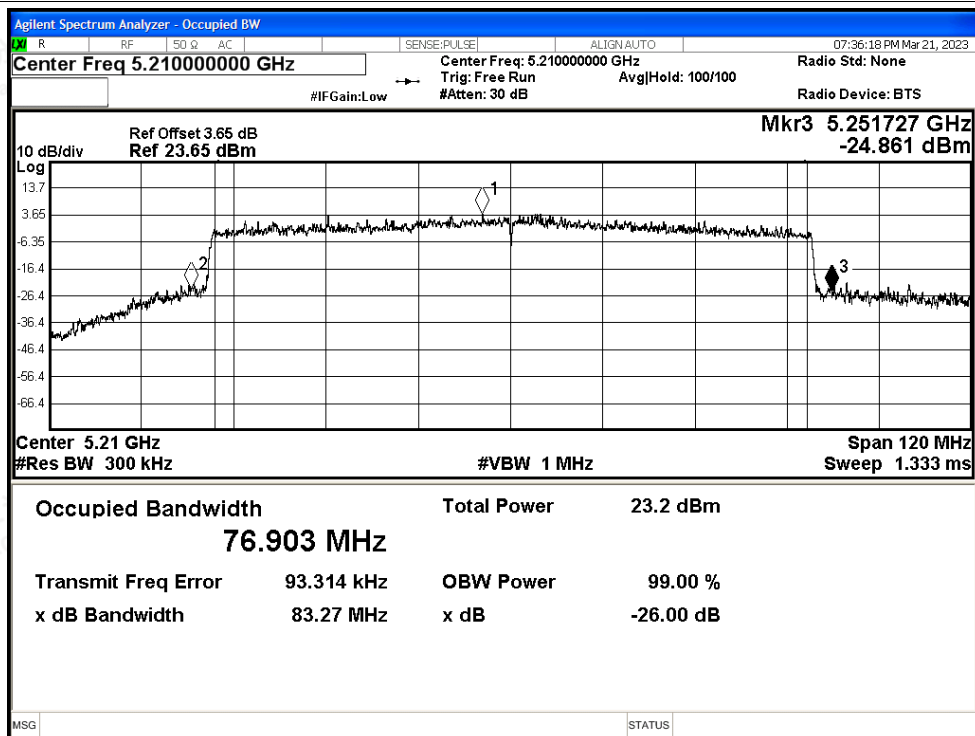
Scan code to check authenticity



-26dB Bandwidth NVNT ax40 5230MHz Ant0



-26dB Bandwidth NVNT ax80 5210MHz Ant0



-26dB Bandwidth NVNT ax160 5250MHz Ant0

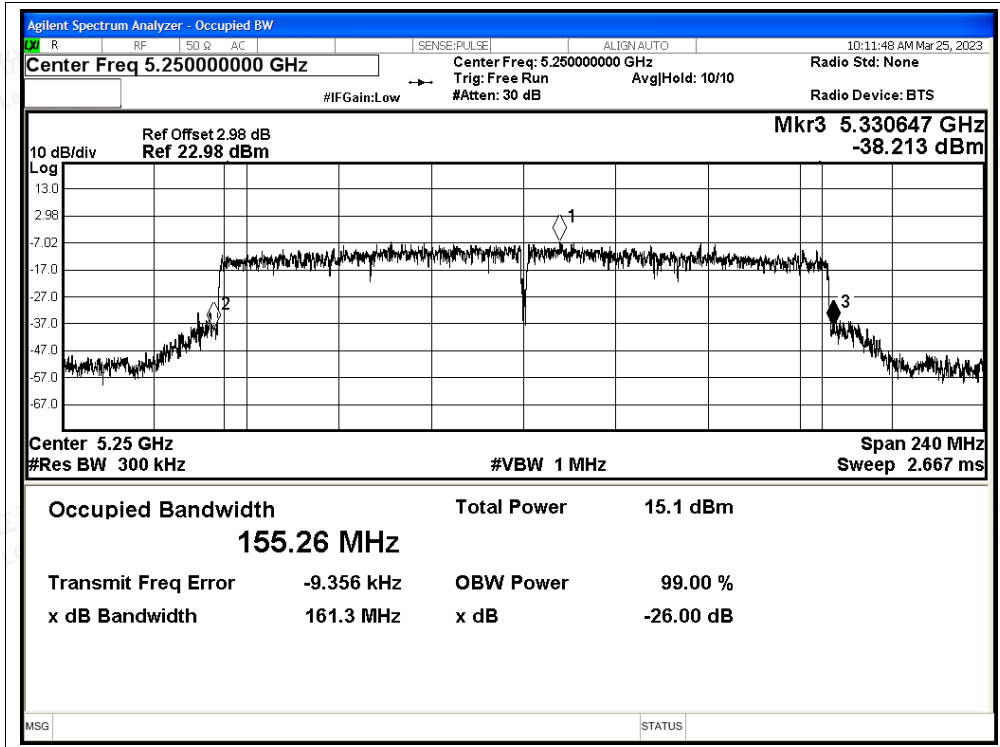


Shenzhen LCS Compliance Testing Laboratory Ltd.

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



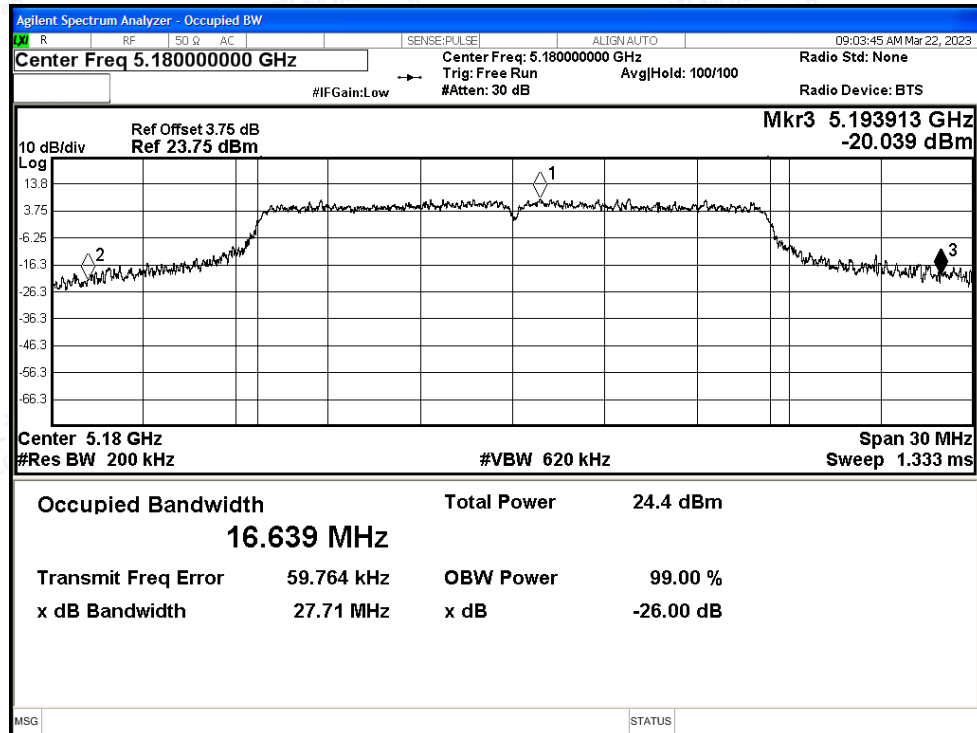
Condition	Mode	Frequency (MHz)	Antenna	-26 dB Bandwidth (MHz)	Limit -26 dB Bandwidth (MHz)	Verdict
NVNT	a	5180	Ant1	27.707	>=0.5	Pass
NVNT	a	5200	Ant1	25.324	>=0.5	Pass
NVNT	a	5240	Ant1	22.51	>=0.5	Pass
NVNT	n20	5180	Ant1	24.308	>=0.5	Pass
NVNT	n20	5200	Ant1	21.629	>=0.5	Pass
NVNT	n20	5240	Ant1	20.036	>=0.5	Pass
NVNT	n40	5190	Ant1	48.293	>=0.5	Pass
NVNT	n40	5230	Ant1	40.464	>=0.5	Pass
NVNT	ac20	5180	Ant1	25.629	>=0.5	Pass
NVNT	ac20	5200	Ant1	25.703	>=0.5	Pass
NVNT	ac20	5240	Ant1	20.241	>=0.5	Pass
NVNT	ac40	5190	Ant1	53.199	>=0.5	Pass
NVNT	ac40	5230	Ant1	40.779	>=0.5	Pass
NVNT	ac80	5210	Ant1	103.71	>=0.5	Pass
NVNT	ac160	5250	Ant1	171.918	>=0.5	Pass
NVNT	ax20	5180	Ant1	26.42	>=0.5	Pass
NVNT	ax20	5200	Ant1	27.979	>=0.5	Pass
NVNT	ax20	5240	Ant1	19.947	>=0.5	Pass
NVNT	ax40	5190	Ant1	47.755	>=0.5	Pass
NVNT	ax40	5230	Ant1	39.241	>=0.5	Pass
NVNT	ax80	5210	Ant1	84.901	>=0.5	Pass
NVNT	ax160	5250	Ant1	162.143	>=0.5	Pass



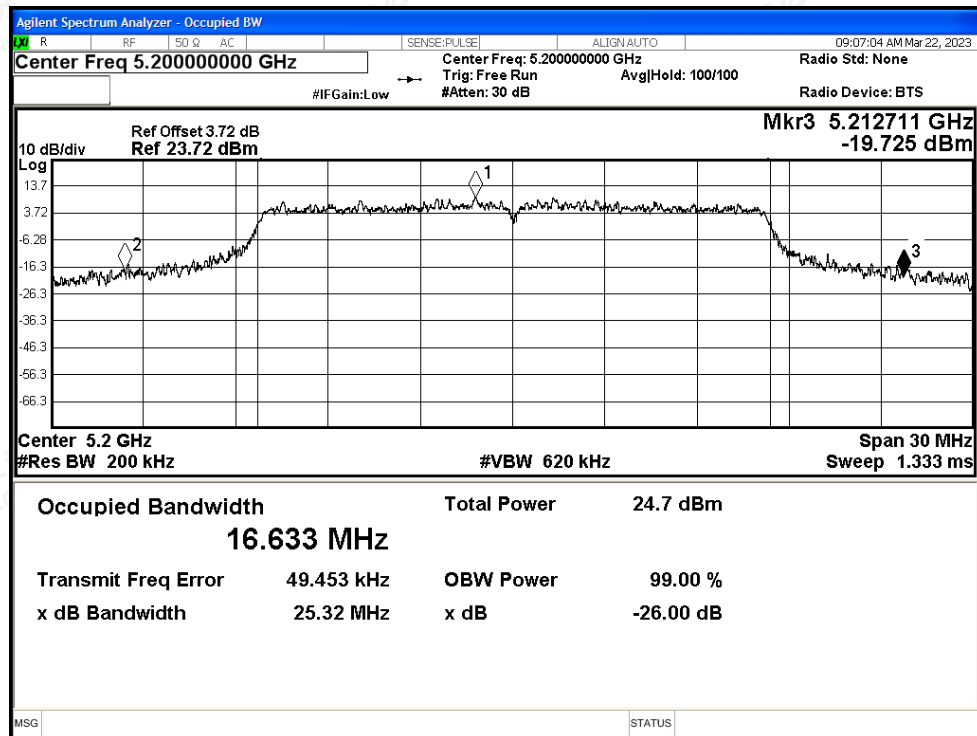


Test Graphs

-26dB Bandwidth NVNT a 5180MHz Ant1



-26dB Bandwidth NVNT a 5200MHz Ant1

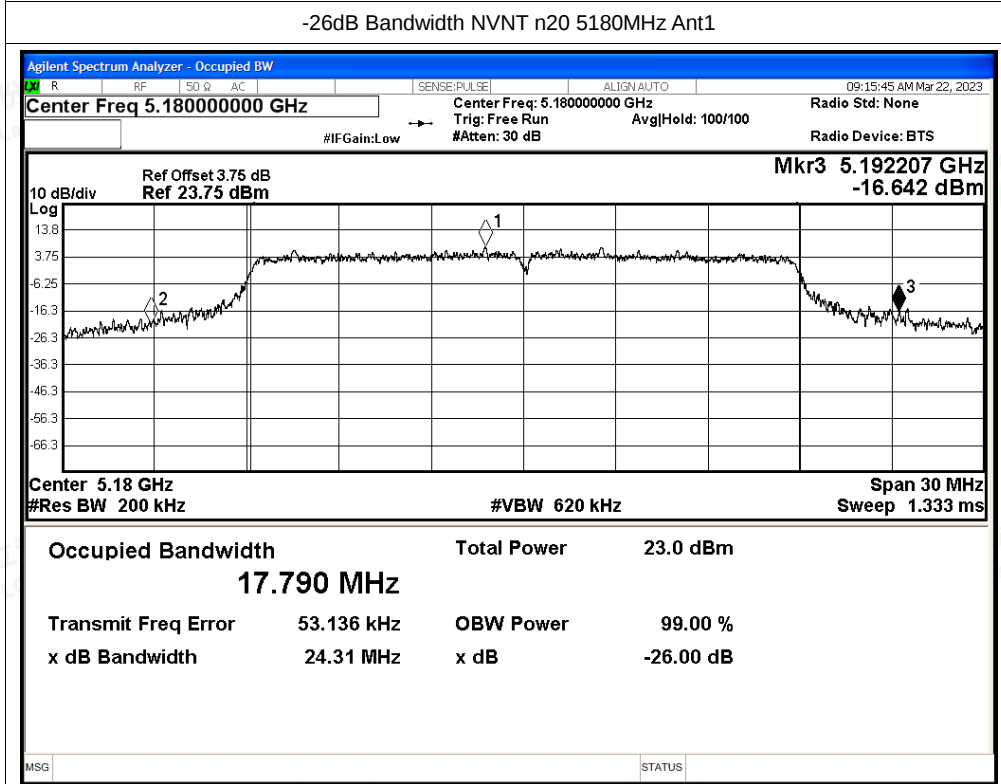
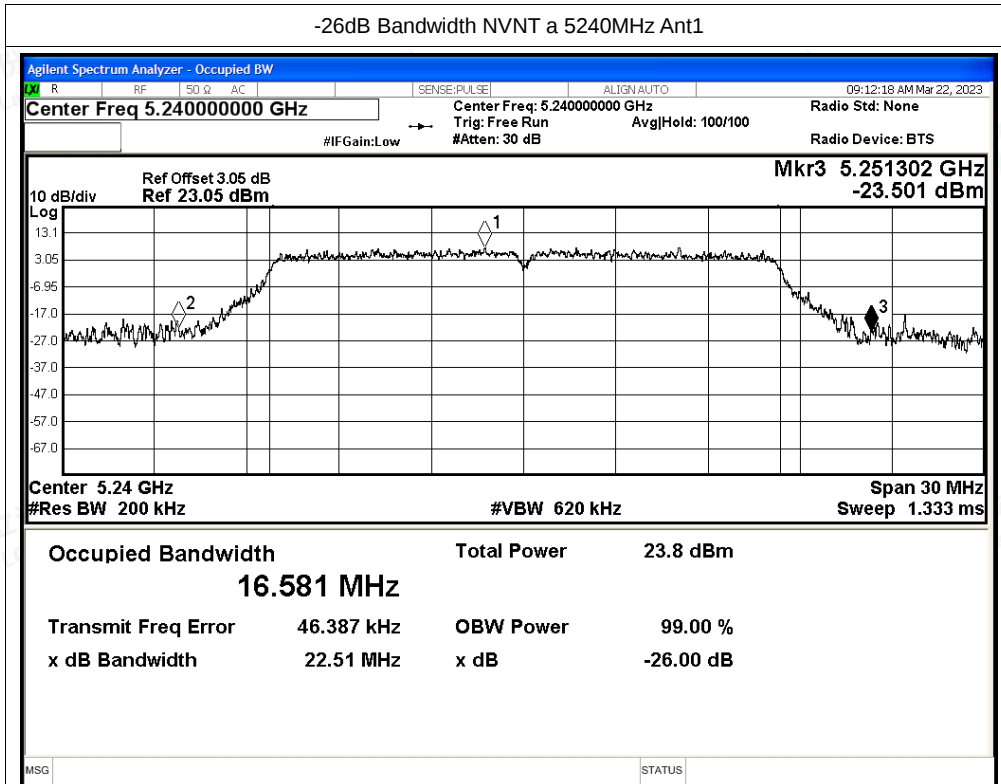


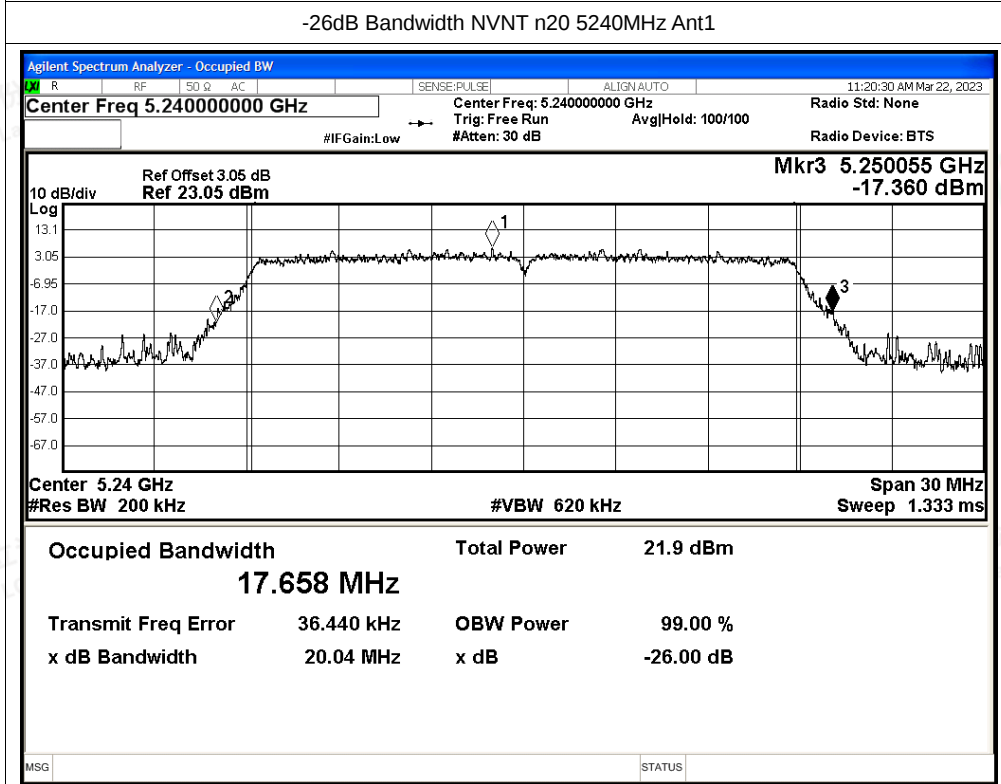
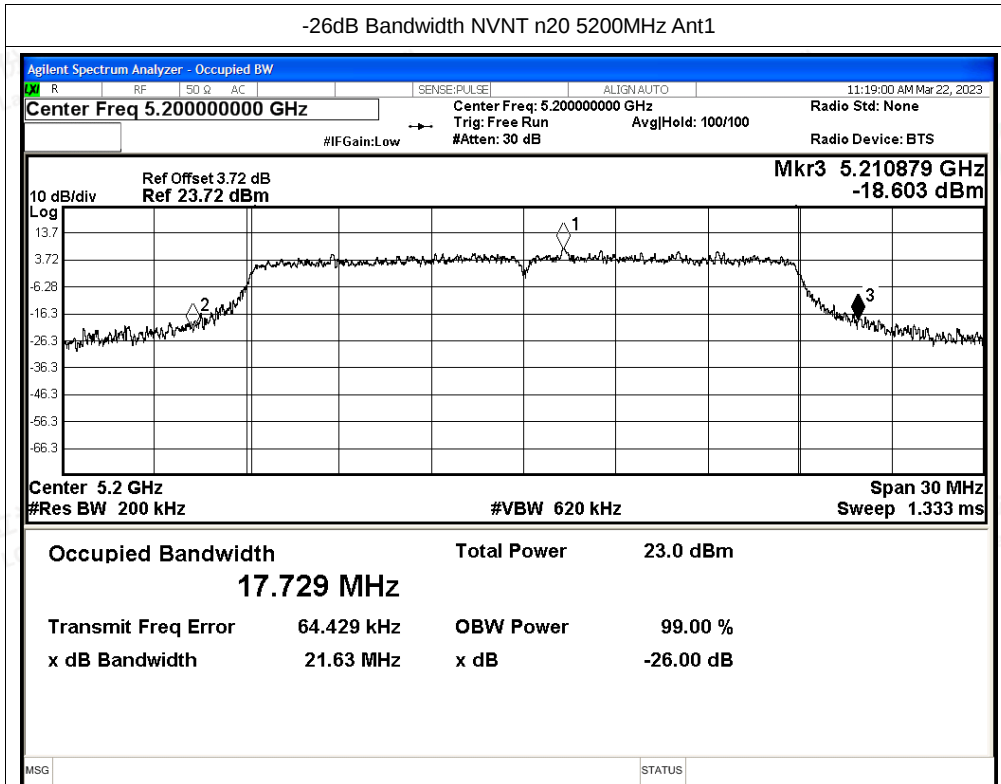
Shenzhen LCS Compliance Testing Laboratory Ltd.

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



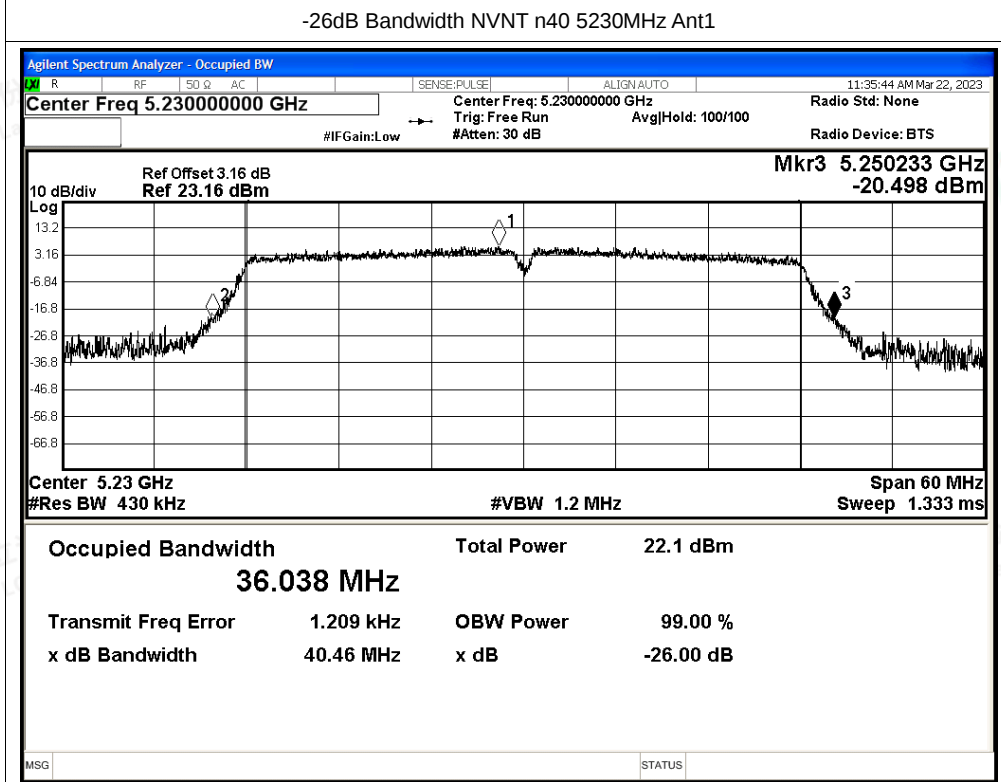
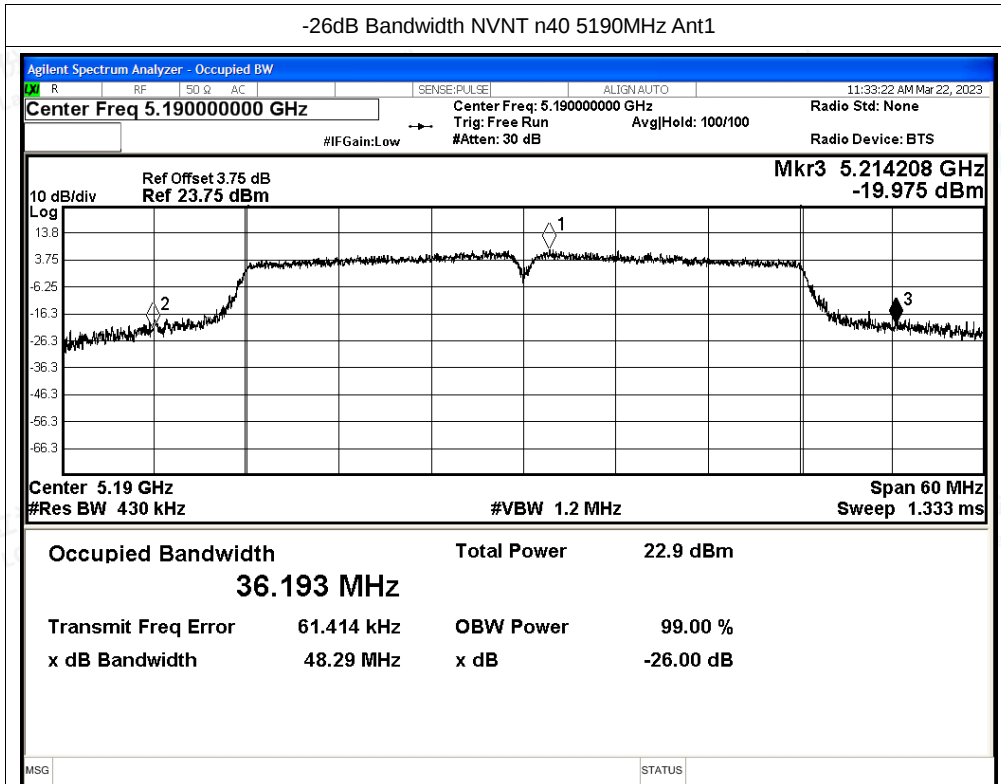


Shenzhen LCS Compliance Testing Laboratory Ltd.

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

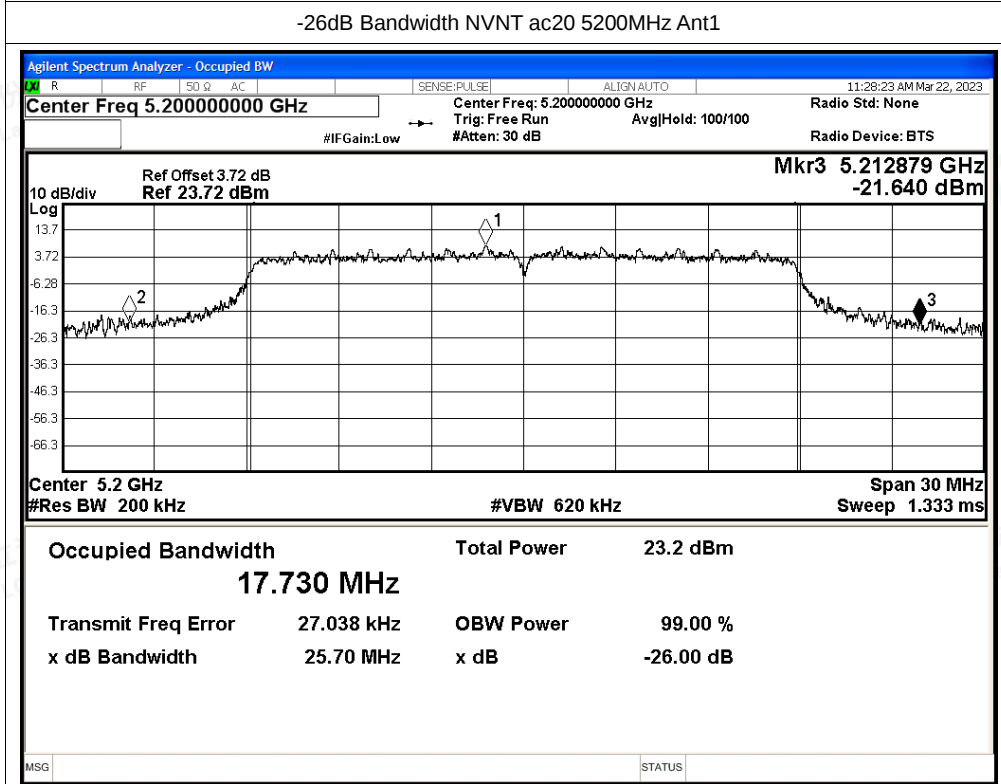
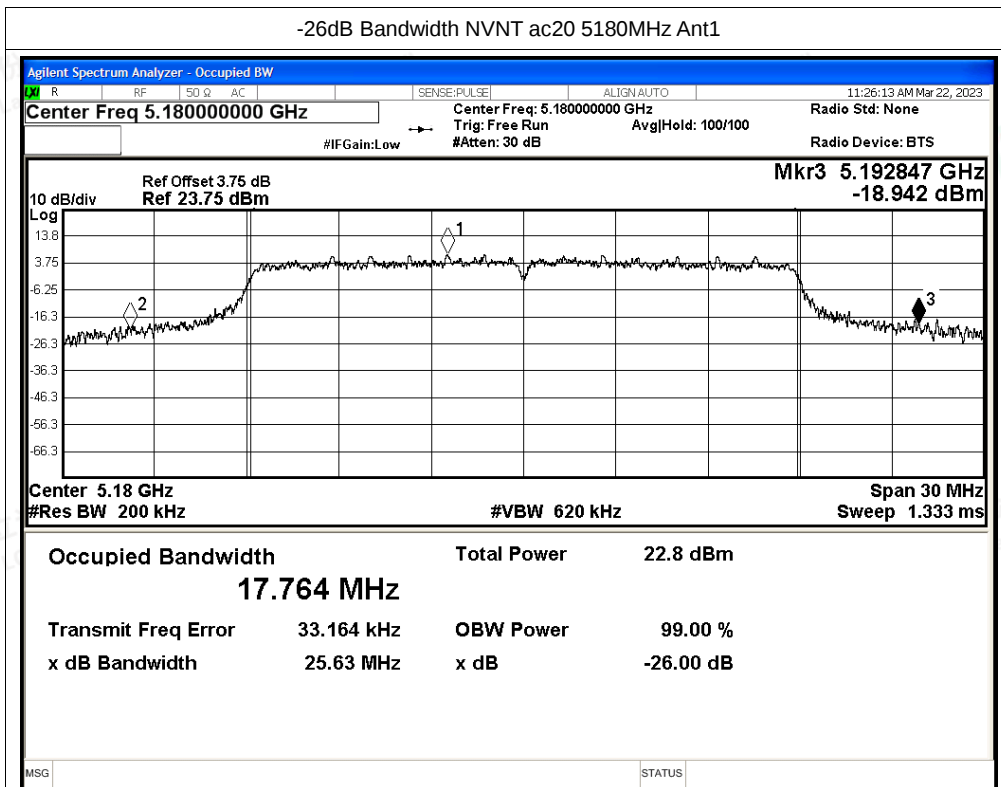


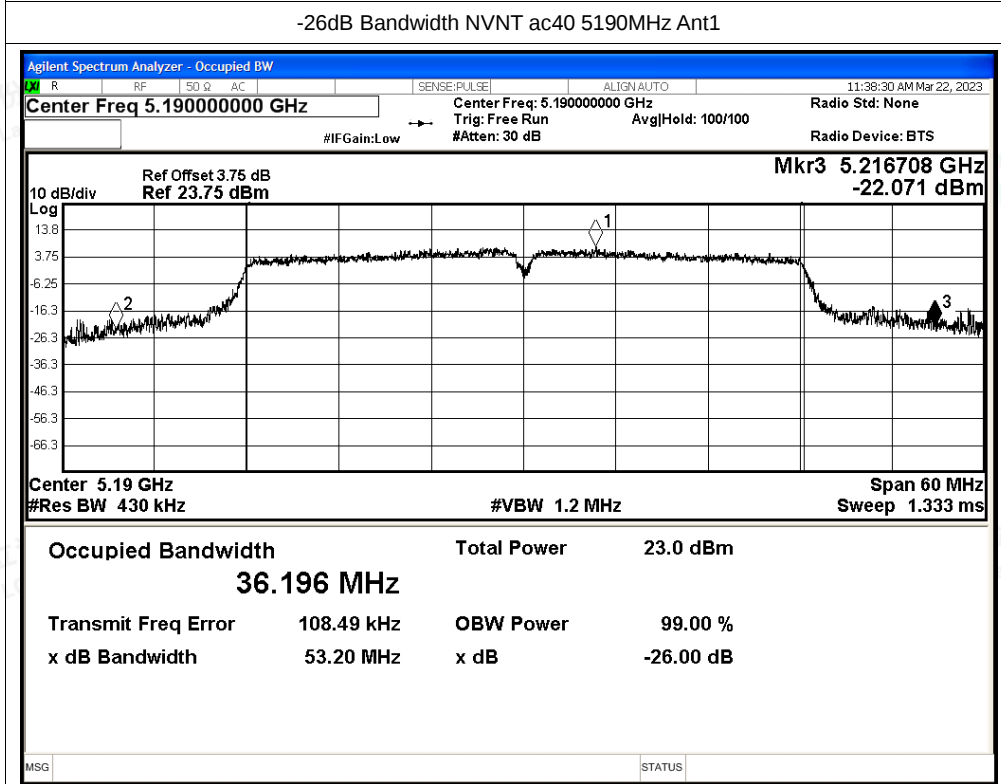
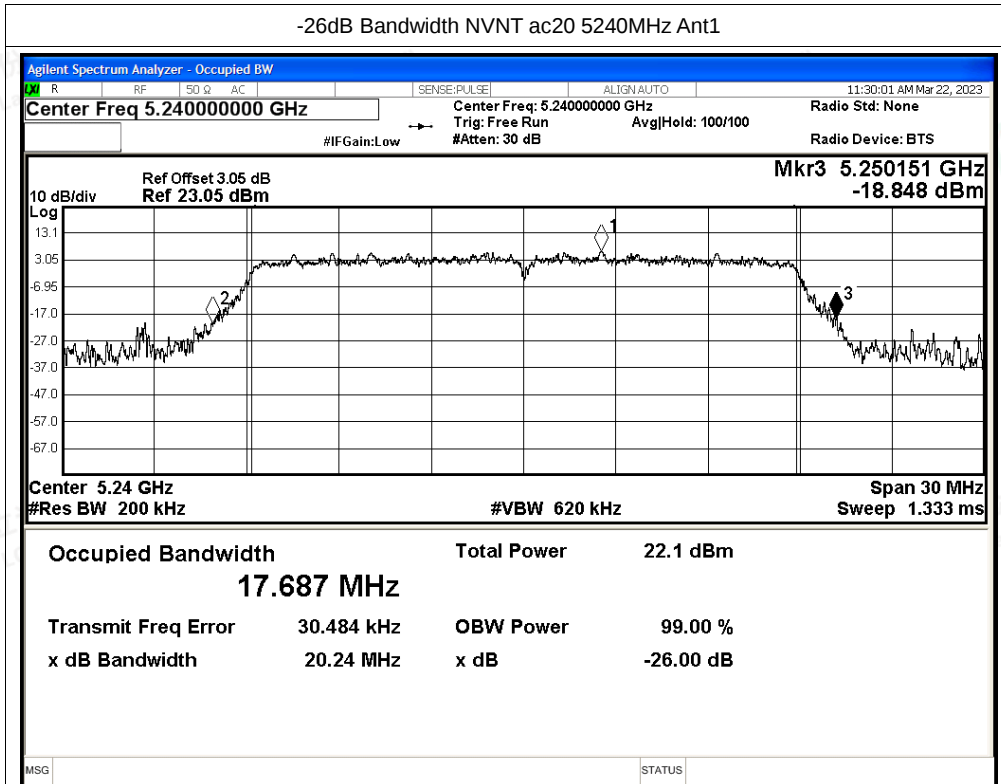
Shenzhen LCS Compliance Testing Laboratory Ltd.

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.

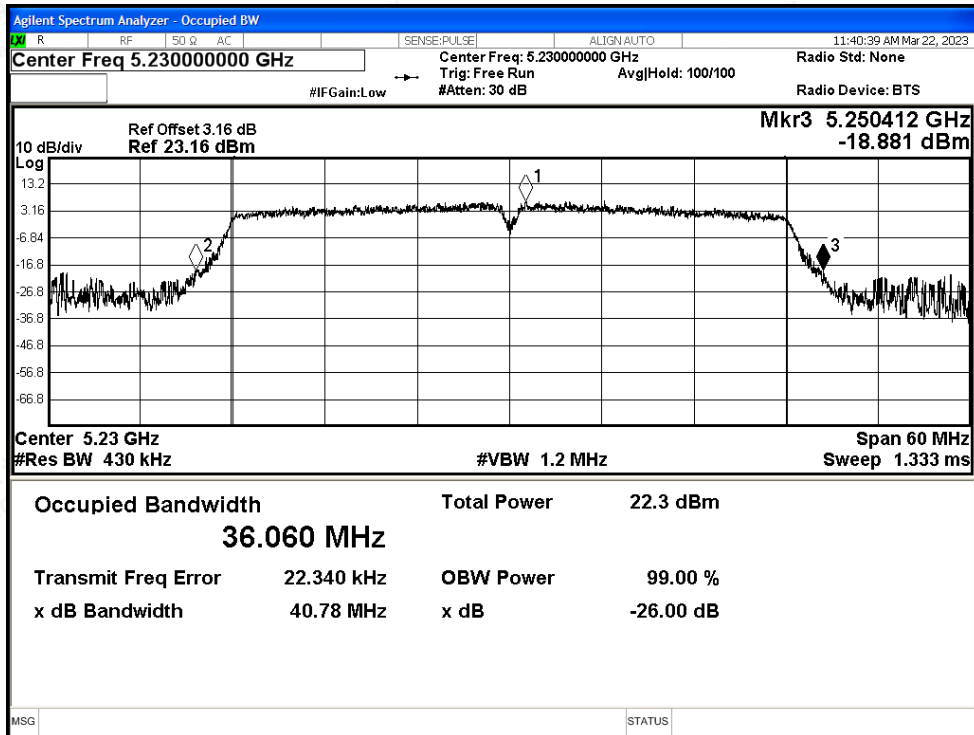
Add: 101, 201 Bldg A & 301 Bldg C, Juji Industrial Park Yabianxueziwei, Shajing Street, Baoan District, Shenzhen, 518000, China

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

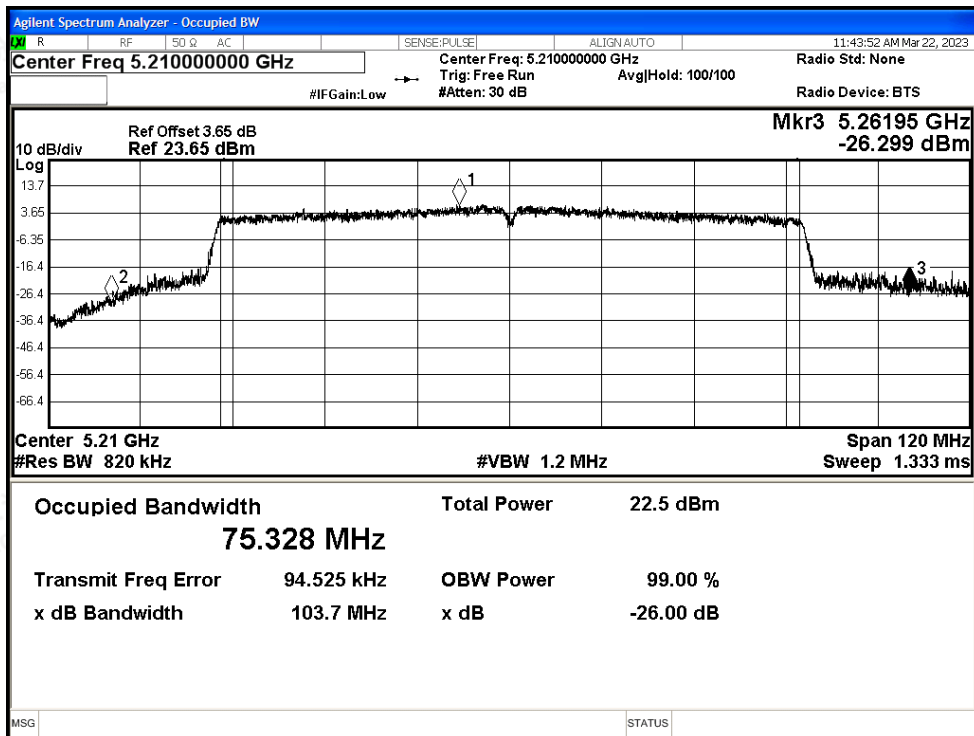
Scan code to check authenticity



-26dB Bandwidth NVNT ac40 5230MHz Ant1



-26dB Bandwidth NVNT ac80 5210MHz Ant1



-26dB Bandwidth NVNT ac160 5250MHz Ant1

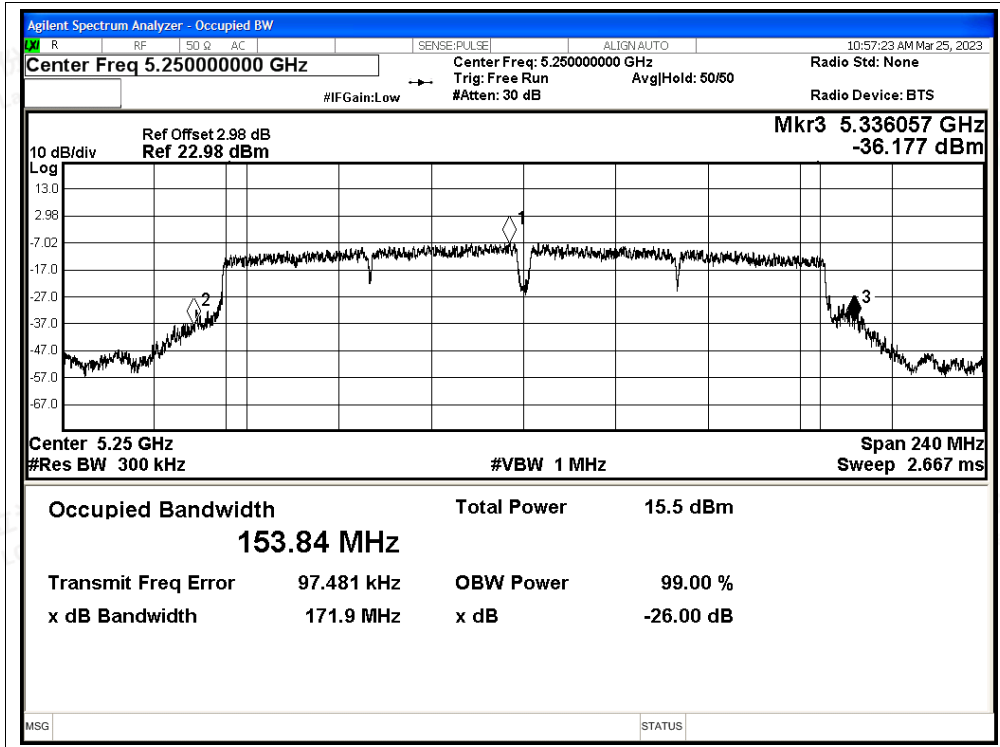


Shenzhen LCS Compliance Testing Laboratory Ltd.

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

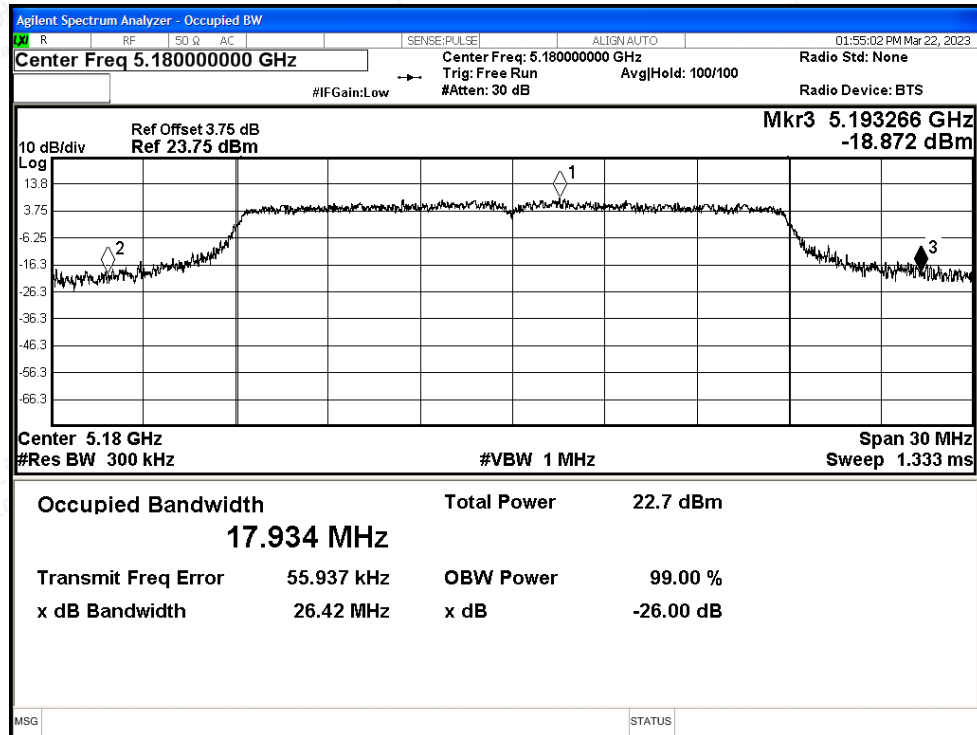
Tel: +(86) 0755-82591330 | E-mail: webmaster@lcs-cert.com | Web: www.lcs-cert.com

Scan code to check authenticity

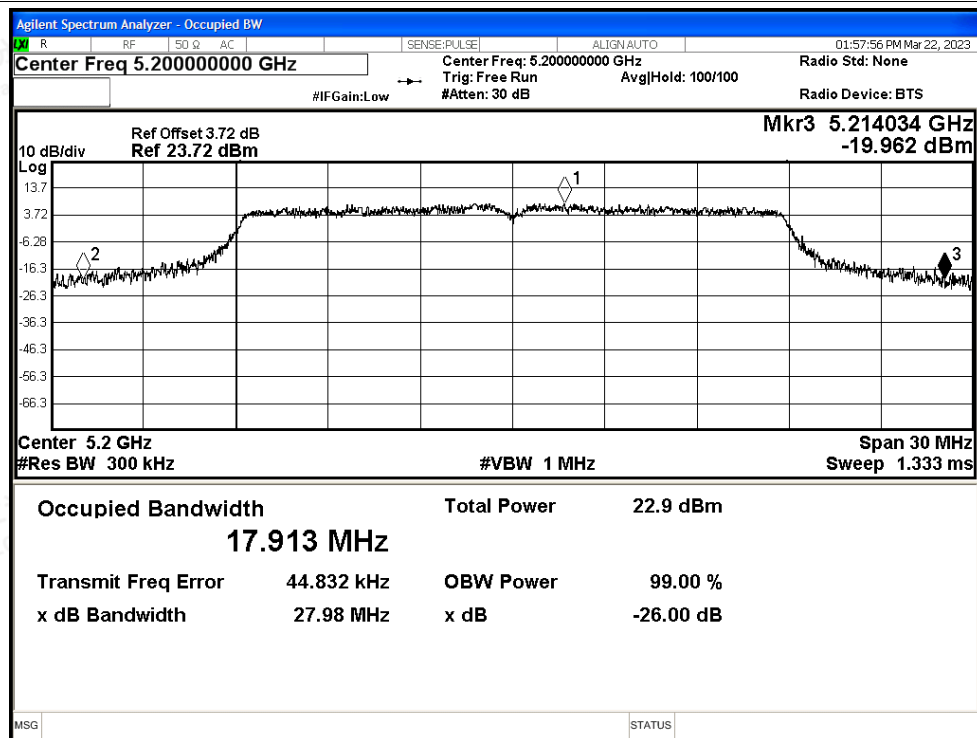




-26dB Bandwidth NVNT ax20 5180MHz Ant1



-26dB Bandwidth NVNT ax20 5200MHz Ant1



Shenzhen LCS Compliance Testing Laboratory Ltd.

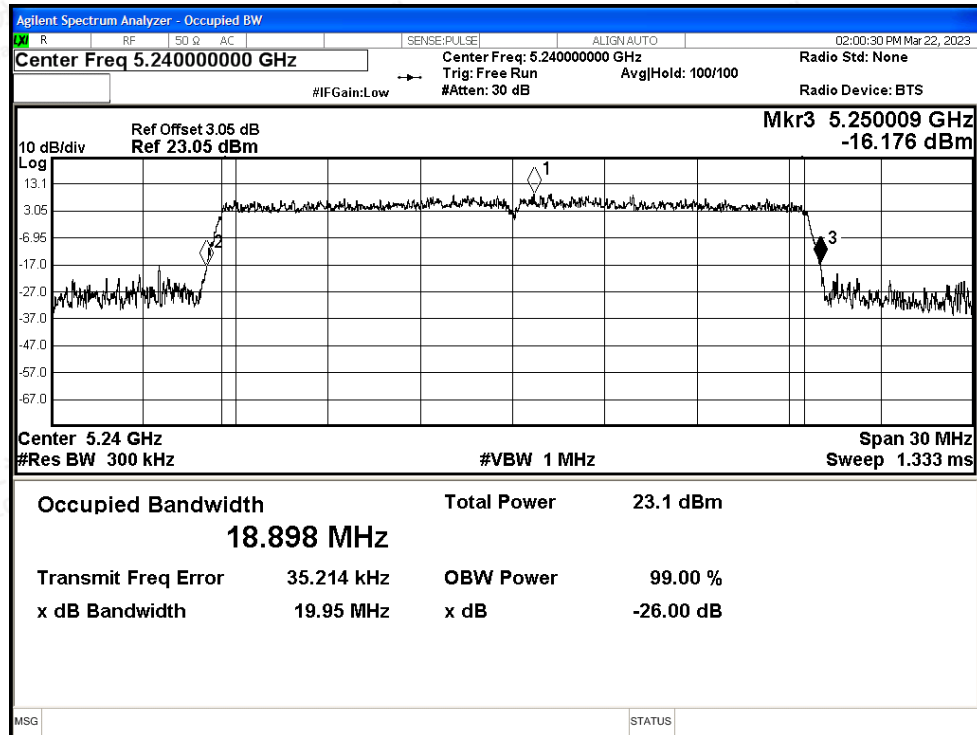
Add: 101, 201 Bldg A & 301 Bldg C, Juji Industrial Park Yabianxueziwei, Shajing Street, Baoan District, Shenzhen, 518000, China

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

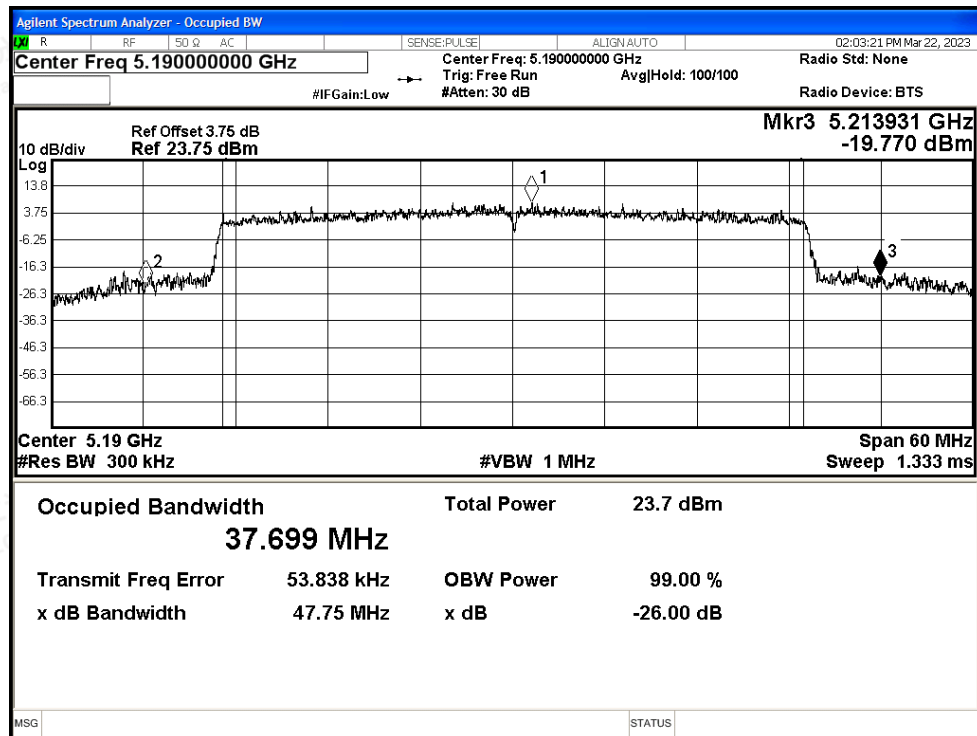
Scan code to check authenticity



-26dB Bandwidth NVNT ax20 5240MHz Ant1



-26dB Bandwidth NVNT ax40 5190MHz Ant1



Shenzhen LCS Compliance Testing Laboratory Ltd.

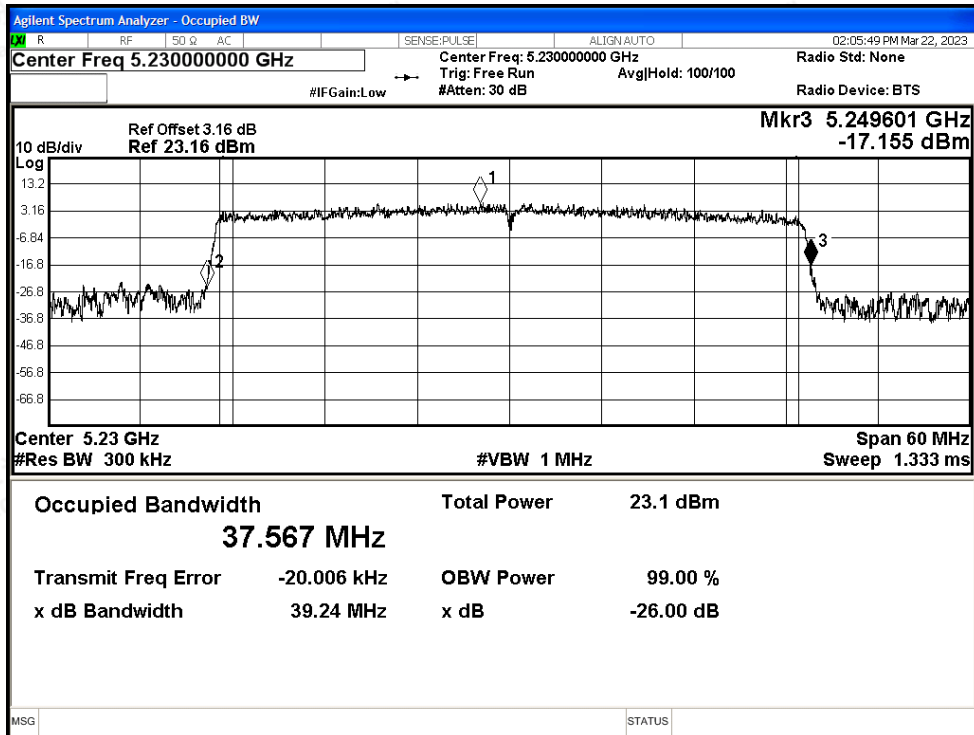
Add: 101, 201 Bldg A & 301 Bldg C, Juji Industrial Park Yabianxueziwei, Shajing Street, Baoan District, Shenzhen, 518000, China

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

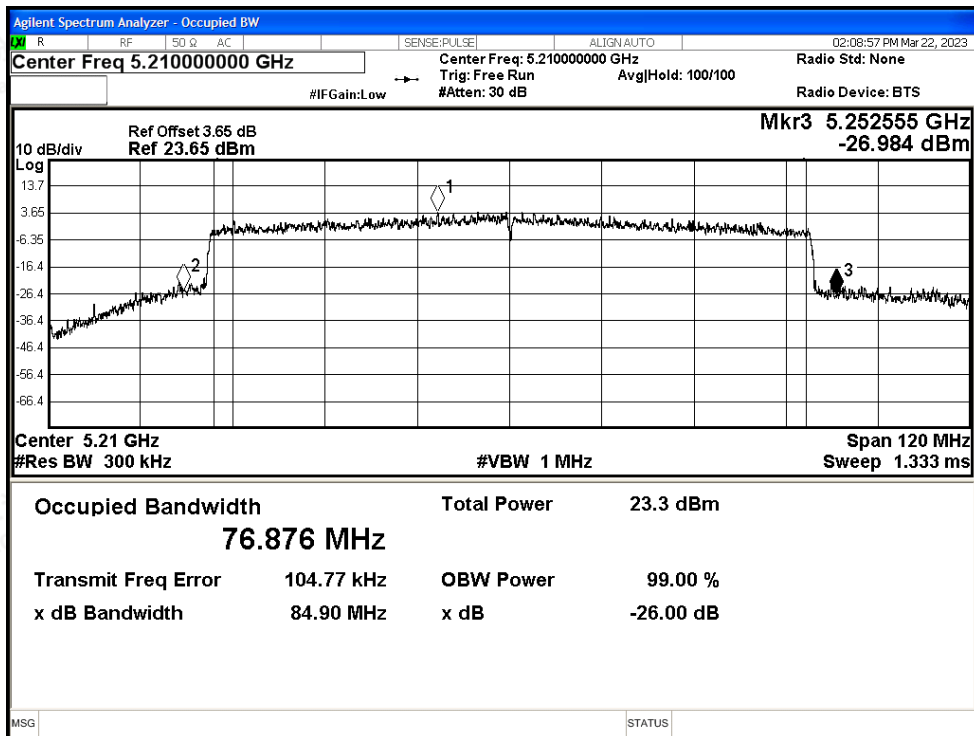
Scan code to check authenticity



-26dB Bandwidth NVNT ax40 5230MHz Ant1



-26dB Bandwidth NVNT ax80 5210MHz Ant1



-26dB Bandwidth NVNT ax160 5250MHz Ant1

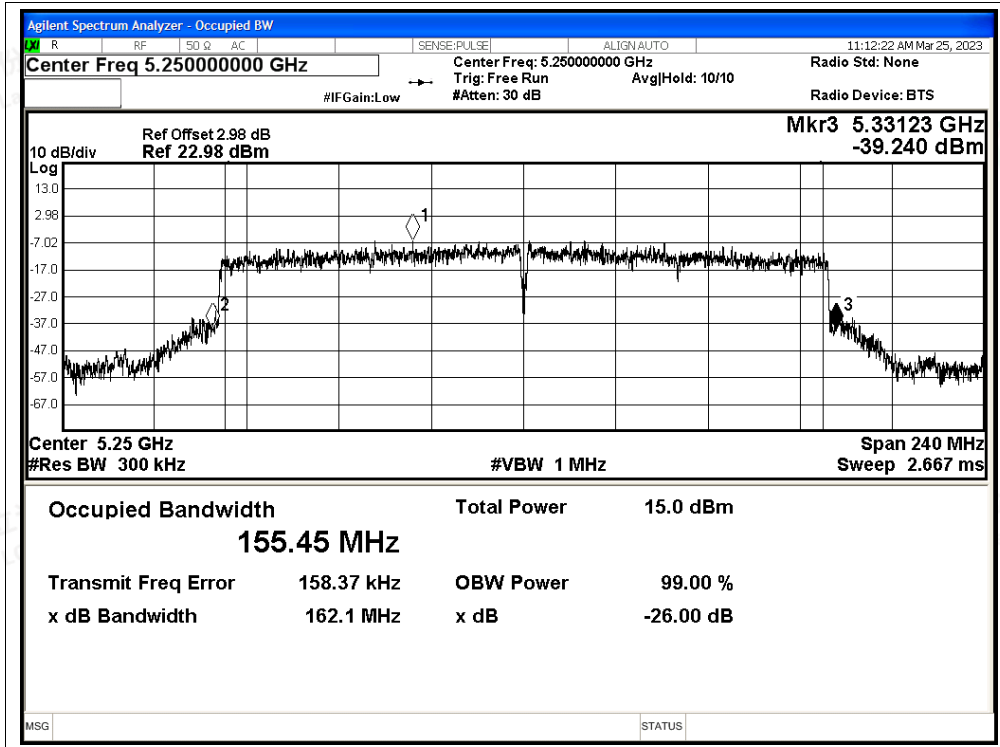


Shenzhen LCS Compliance Testing Laboratory Ltd.

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



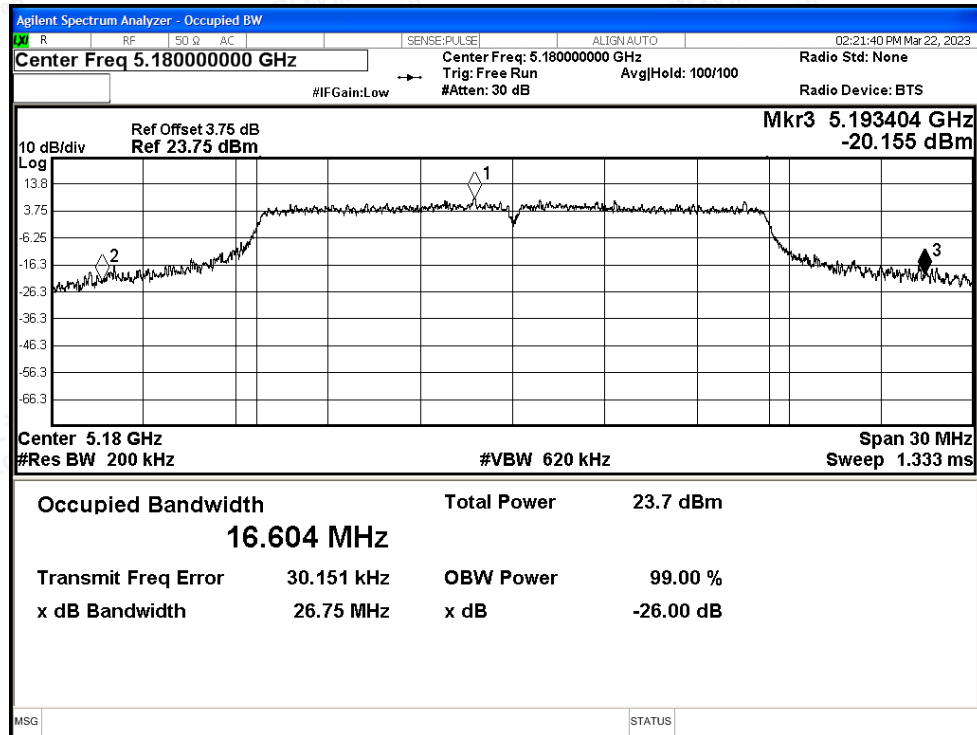
Condition	Mode	Frequency (MHz)	Antenna	-26 dB Bandwidth (MHz)	Limit -26 dB Bandwidth (MHz)	Verdict
NVNT	a	5180	Ant2	26.747	>=0.5	Pass
NVNT	a	5200	Ant2	25.656	>=0.5	Pass
NVNT	a	5240	Ant2	20.971	>=0.5	Pass
NVNT	n20	5180	Ant2	25.511	>=0.5	Pass
NVNT	n20	5200	Ant2	23.382	>=0.5	Pass
NVNT	n20	5240	Ant2	20.06	>=0.5	Pass
NVNT	n40	5190	Ant2	49.297	>=0.5	Pass
NVNT	n40	5230	Ant2	40.391	>=0.5	Pass
NVNT	ac20	5180	Ant2	25.154	>=0.5	Pass
NVNT	ac20	5200	Ant2	28.874	>=0.5	Pass
NVNT	ac20	5240	Ant2	20.078	>=0.5	Pass
NVNT	ac40	5190	Ant2	48.992	>=0.5	Pass
NVNT	ac40	5230	Ant2	40.341	>=0.5	Pass
NVNT	ac80	5210	Ant2	96.383	>=0.5	Pass
NVNT	ac160	5250	Ant2	171.427	>=0.5	Pass
NVNT	ax20	5180	Ant2	26.02	>=0.5	Pass
NVNT	ax20	5200	Ant2	27.037	>=0.5	Pass
NVNT	ax20	5240	Ant2	19.939	>=0.5	Pass
NVNT	ax40	5190	Ant2	51.867	>=0.5	Pass
NVNT	ax40	5230	Ant2	39.159	>=0.5	Pass
NVNT	ax80	5210	Ant2	79.332	>=0.5	Pass
NVNT	ax160	5250	Ant2	159.01	>=0.5	Pass



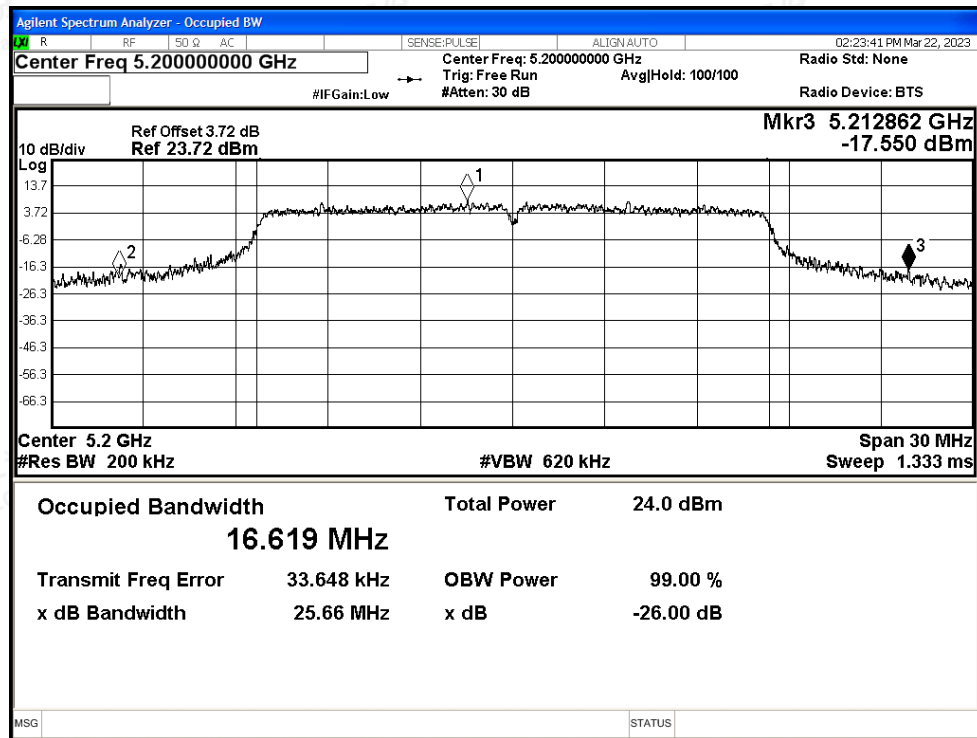


Test Graphs

-26dB Bandwidth NVNT a 5180MHz Ant2



-26dB Bandwidth NVNT a 5200MHz Ant2



Shenzhen LCS Compliance Testing Laboratory Ltd.

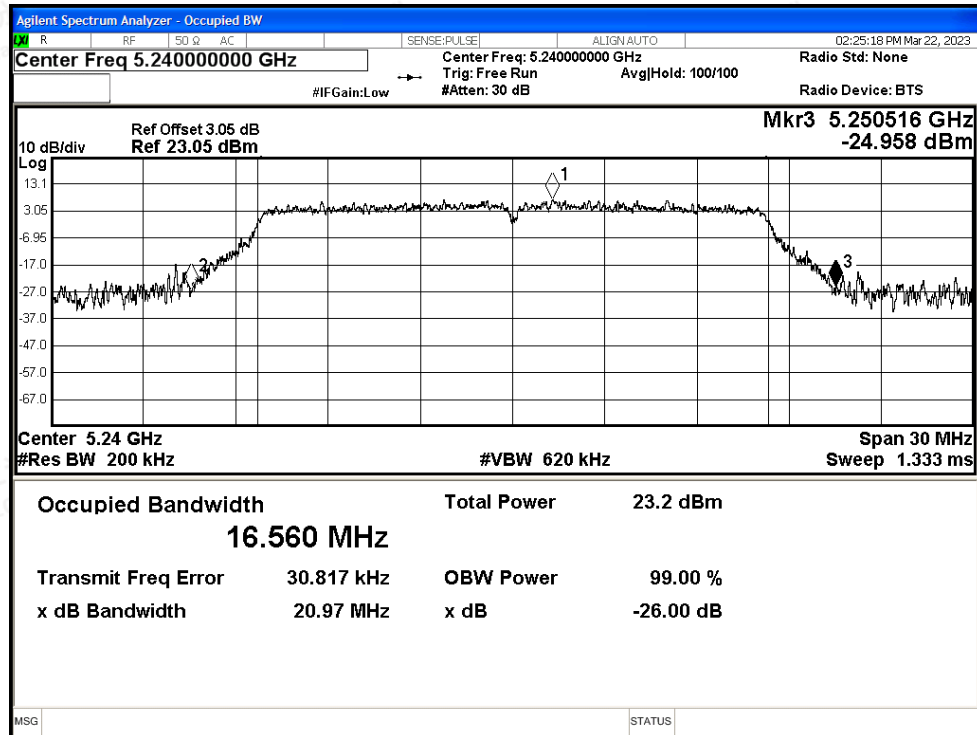
Add: 101, 201 Bldg A & 301 Bldg C, Juji Industrial Park Yabianxueziwei, Shajing Street, Baoan District, Shenzhen, 518000, China

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

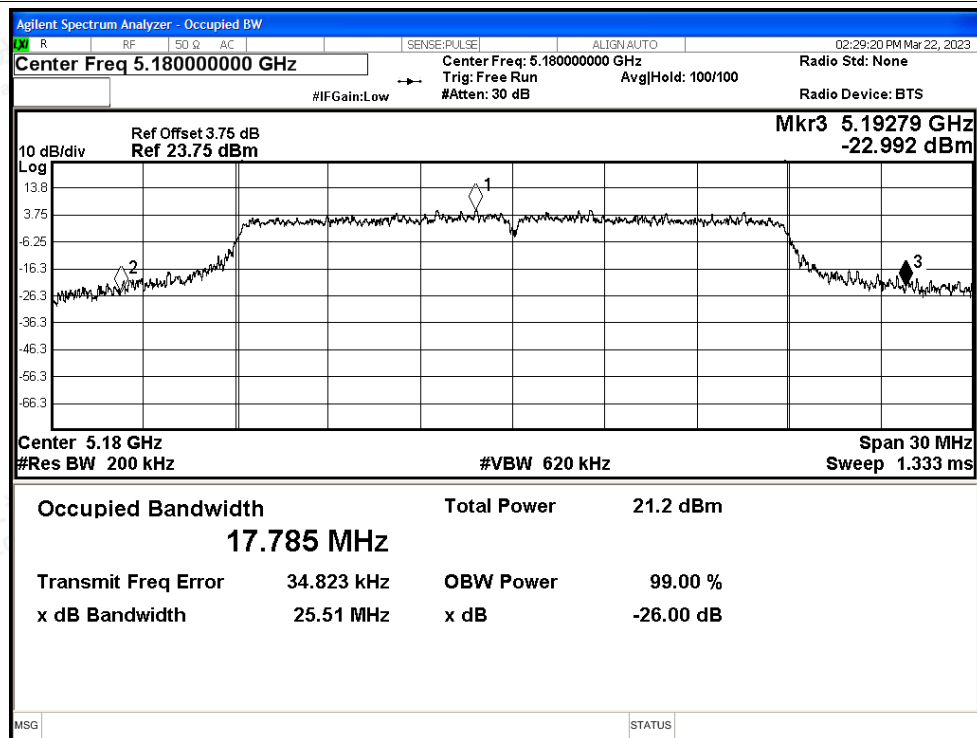
Scan code to check authenticity



-26dB Bandwidth NVNT a 5240MHz Ant2



-26dB Bandwidth NVNT n20 5180MHz Ant2

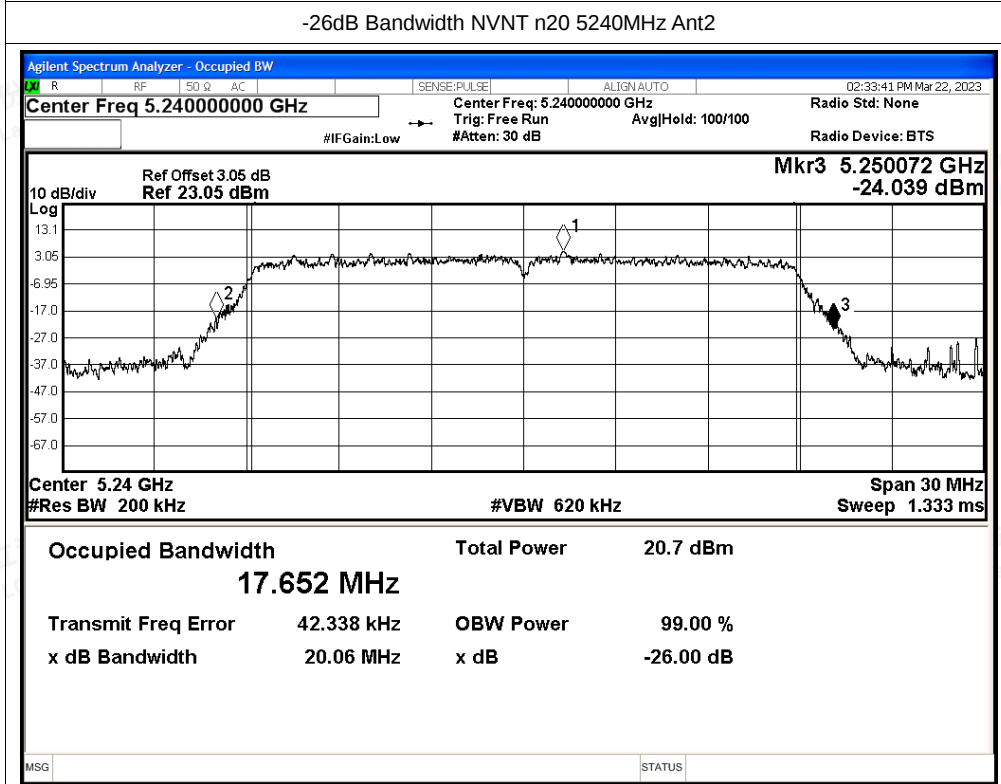
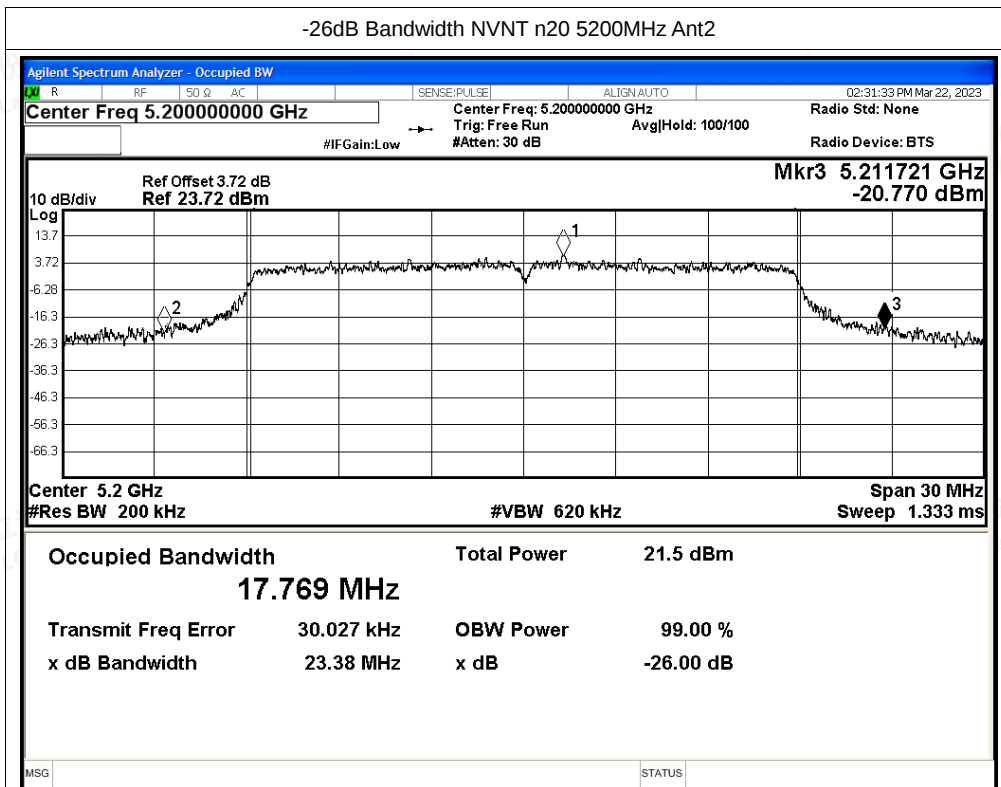


Shenzhen LCS Compliance Testing Laboratory Ltd.

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

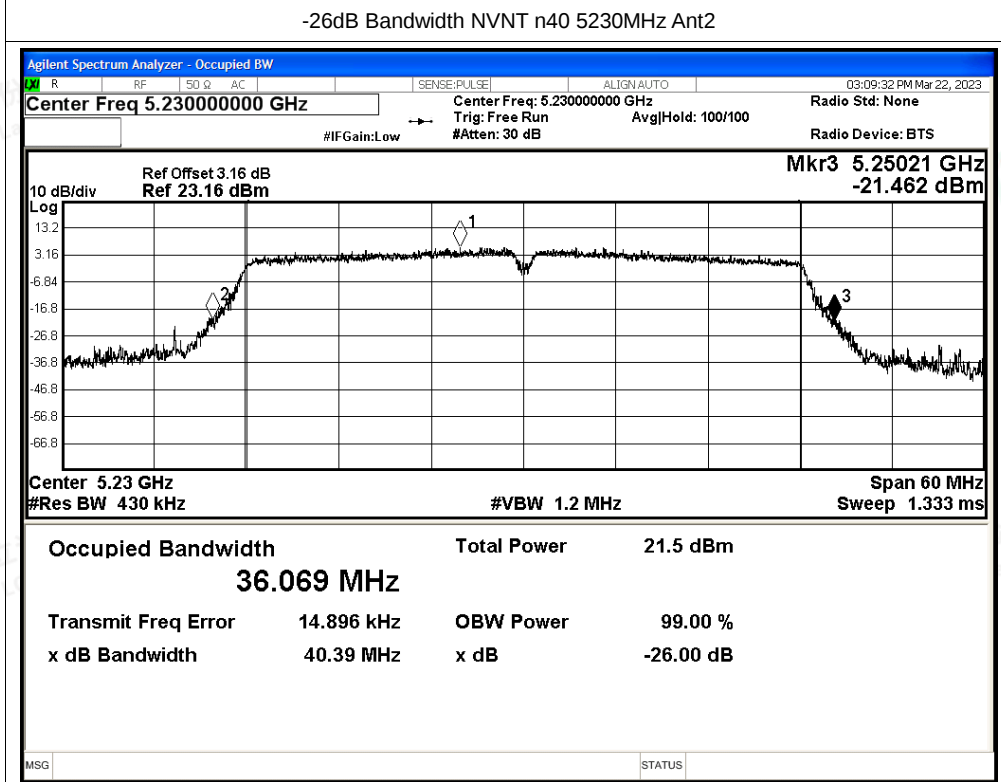
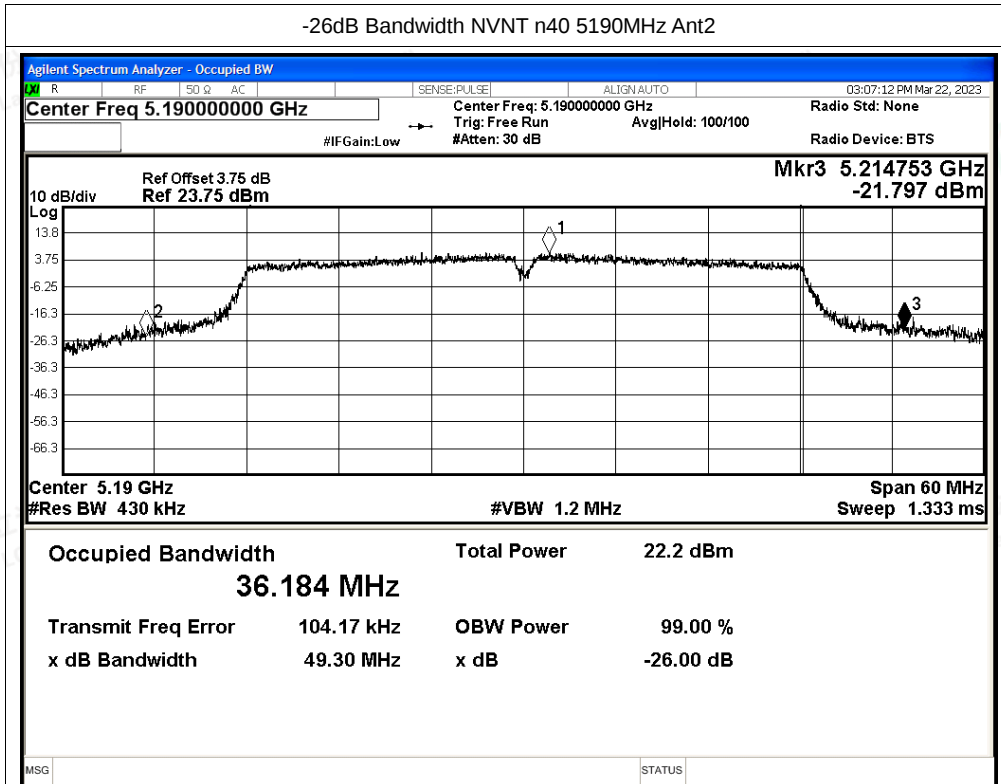


Shenzhen LCS Compliance Testing Laboratory Ltd.

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.

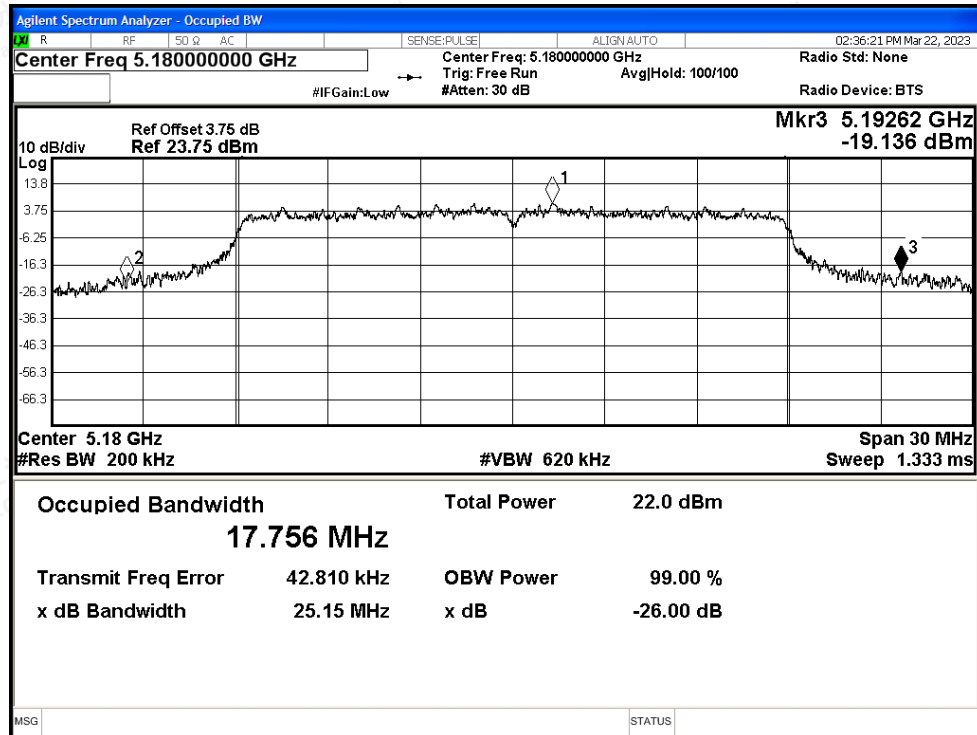
Add: 101, 201 Bldg A & 301 Bldg C, Juji Industrial Park Yabianxueziwei, Shajing Street, Baoan District, Shenzhen, 518000, China

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

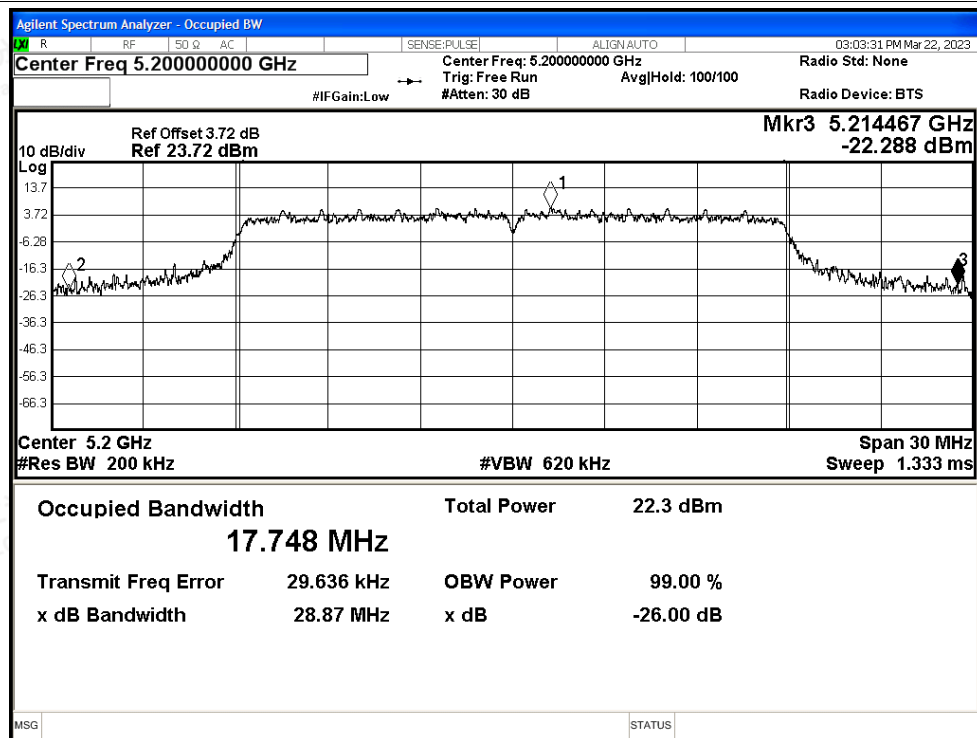
Scan code to check authenticity



-26dB Bandwidth NVNT ac20 5180MHz Ant2



-26dB Bandwidth NVNT ac20 5200MHz Ant2



Shenzhen LCS Compliance Testing Laboratory Ltd.

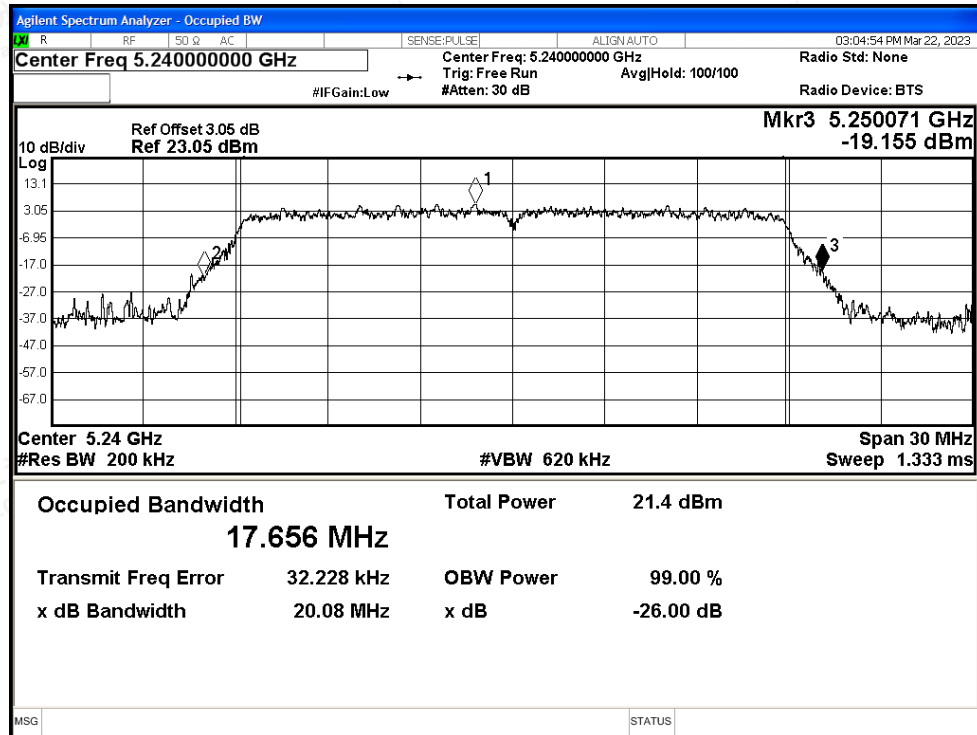
Add: 101, 201 Bldg A & 301 Bldg C, Juji Industrial Park Yabianxueziwei, Shajing Street, Baoan District, Shenzhen, 518000, China

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

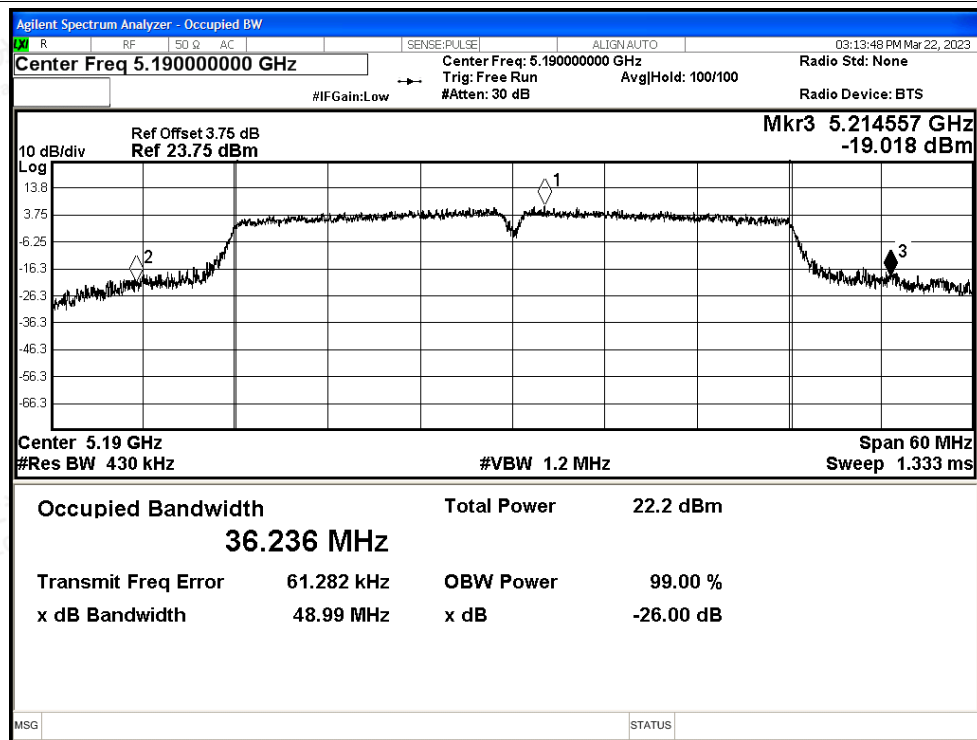
Scan code to check authenticity



-26dB Bandwidth NVNT ac20 5240MHz Ant2



-26dB Bandwidth NVNT ac40 5190MHz Ant2



Shenzhen LCS Compliance Testing Laboratory Ltd.

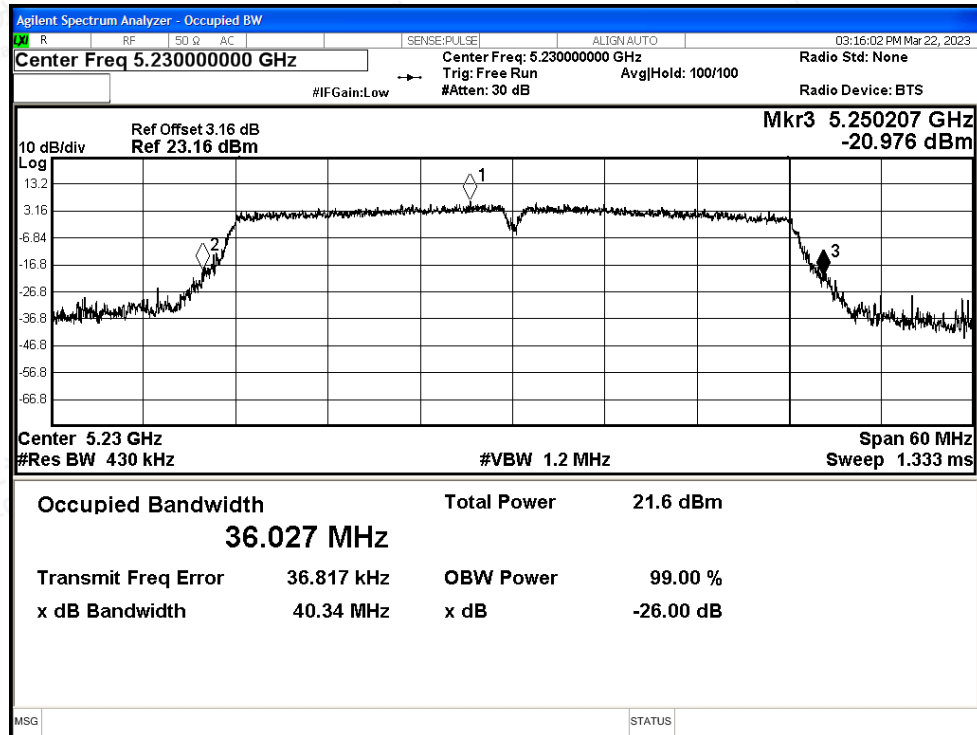
Add: 101, 201 Bldg A & 301 Bldg C, Juji Industrial Park Yabianxueziwei, Shajing Street, Baoan District, Shenzhen, 518000, China

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

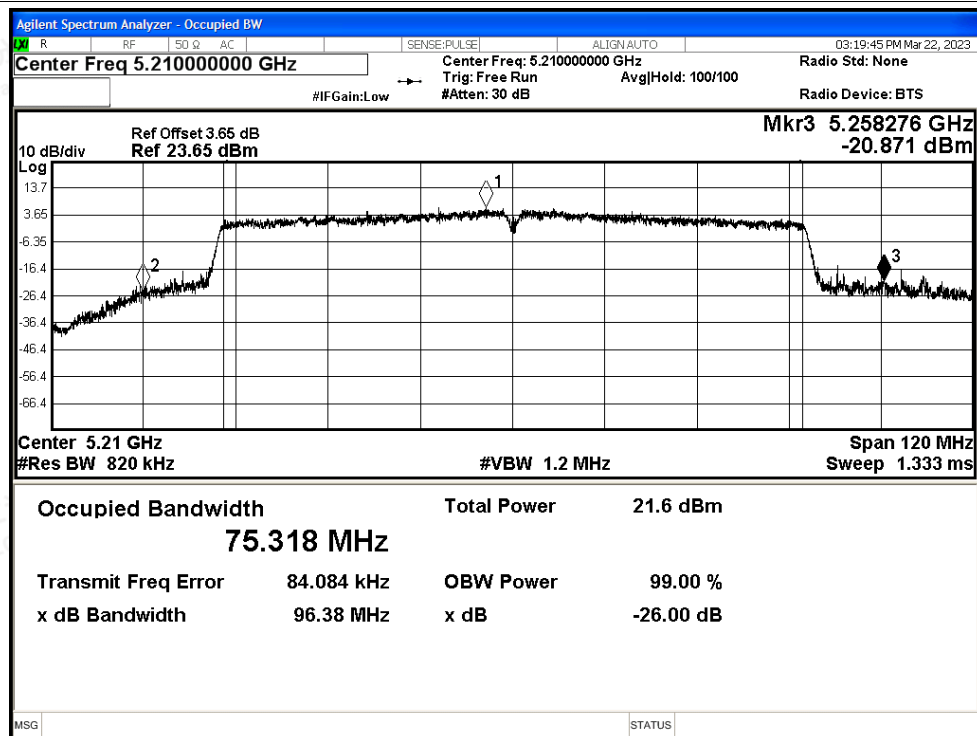
Scan code to check authenticity



-26dB Bandwidth NVNT ac40 5230MHz Ant2



-26dB Bandwidth NVNT ac80 5210MHz Ant2



-26dB Bandwidth NVNT ac160 5250MHz Ant2

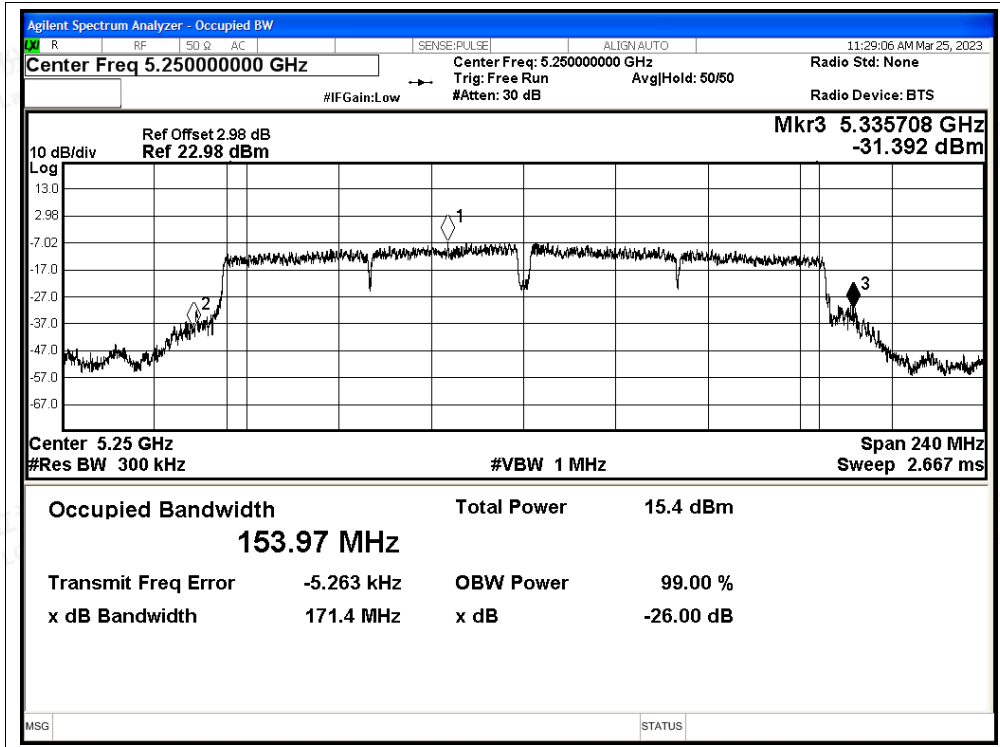


Shenzhen LCS Compliance Testing Laboratory Ltd.

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

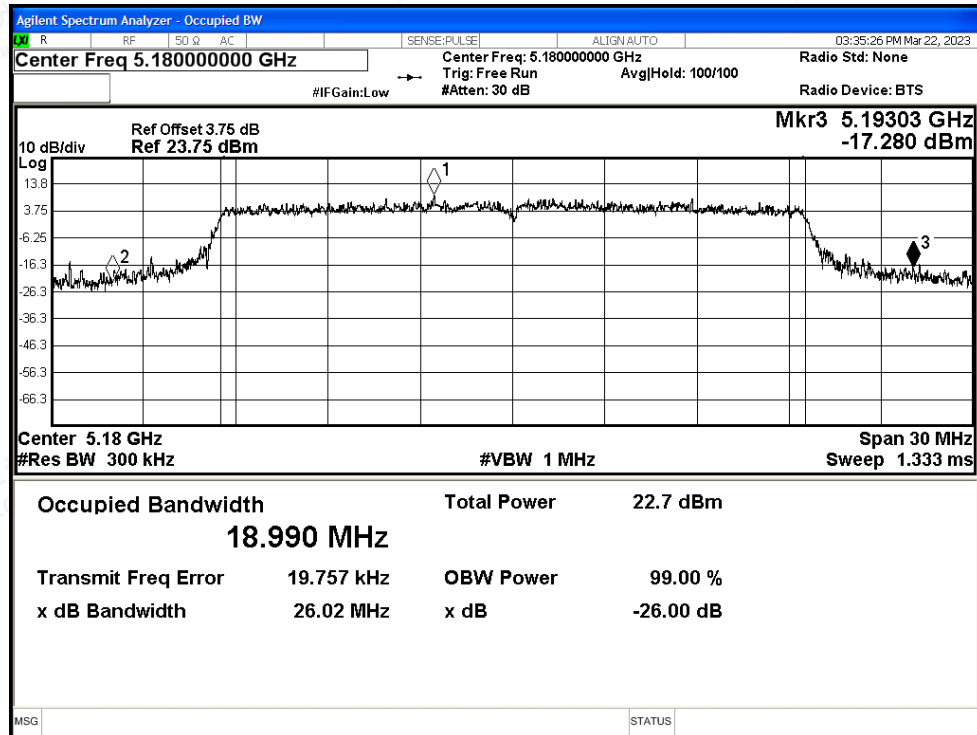
Tel: +(86) 0755-82591330 | E-mail: webmaster@lcs-cert.com | Web: www.lcs-cert.com

Scan code to check authenticity

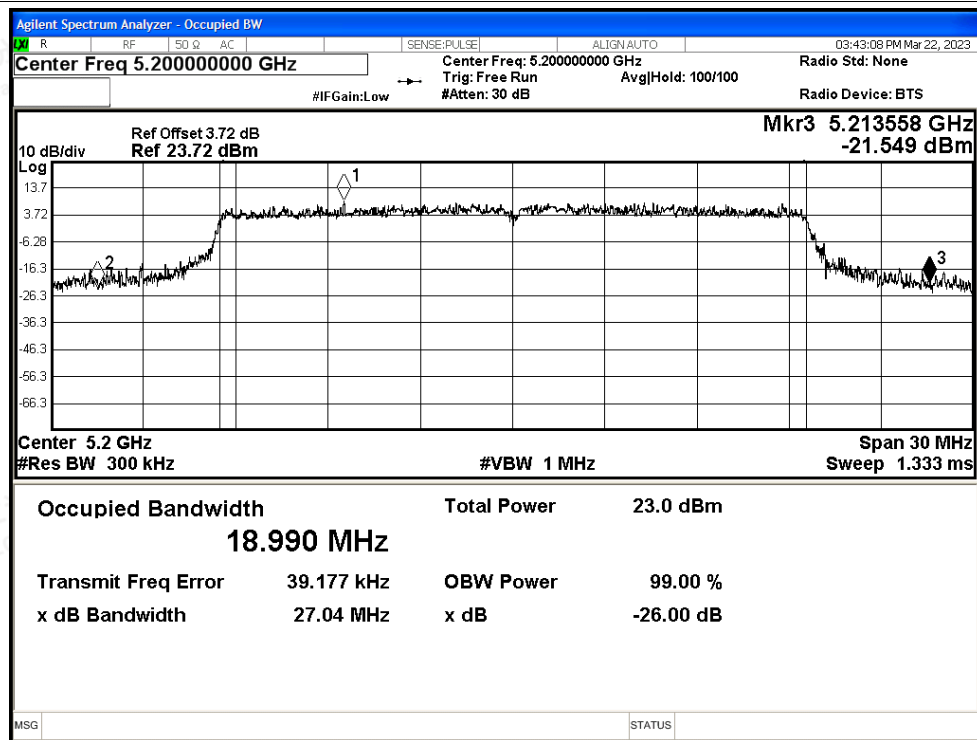




-26dB Bandwidth NVNT ax20 5180MHz Ant2



-26dB Bandwidth NVNT ax20 5200MHz Ant2



Shenzhen LCS Compliance Testing Laboratory Ltd.

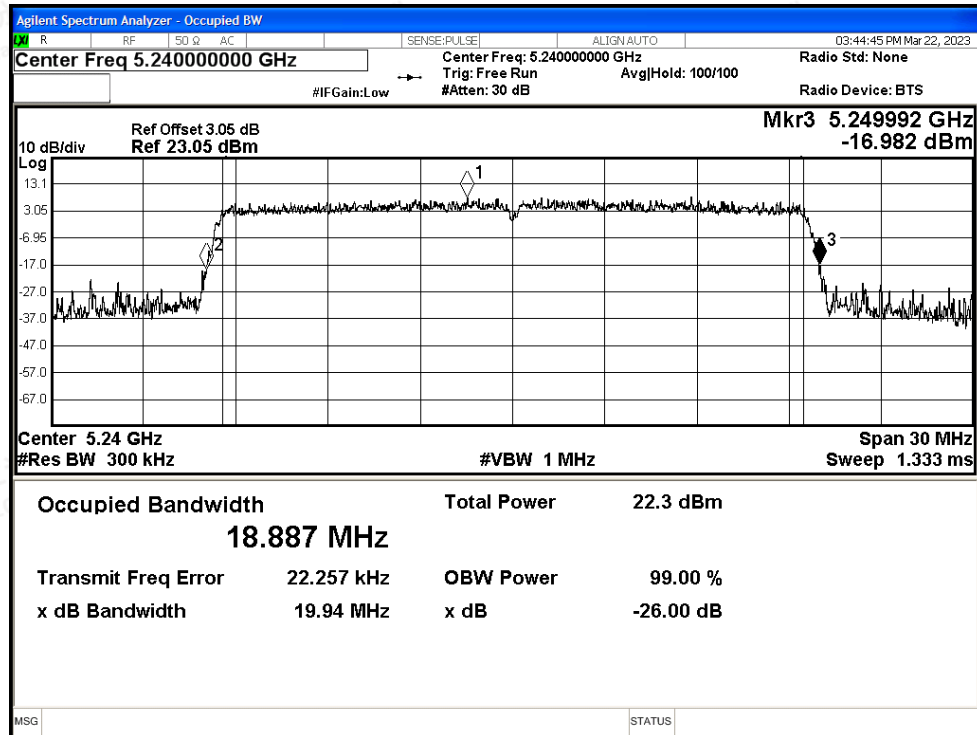
Add: 101, 201 Bldg A & 301 Bldg C, Juji Industrial Park Yabianxueziwei, Shajing Street, Baoan District, Shenzhen, 518000, China

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

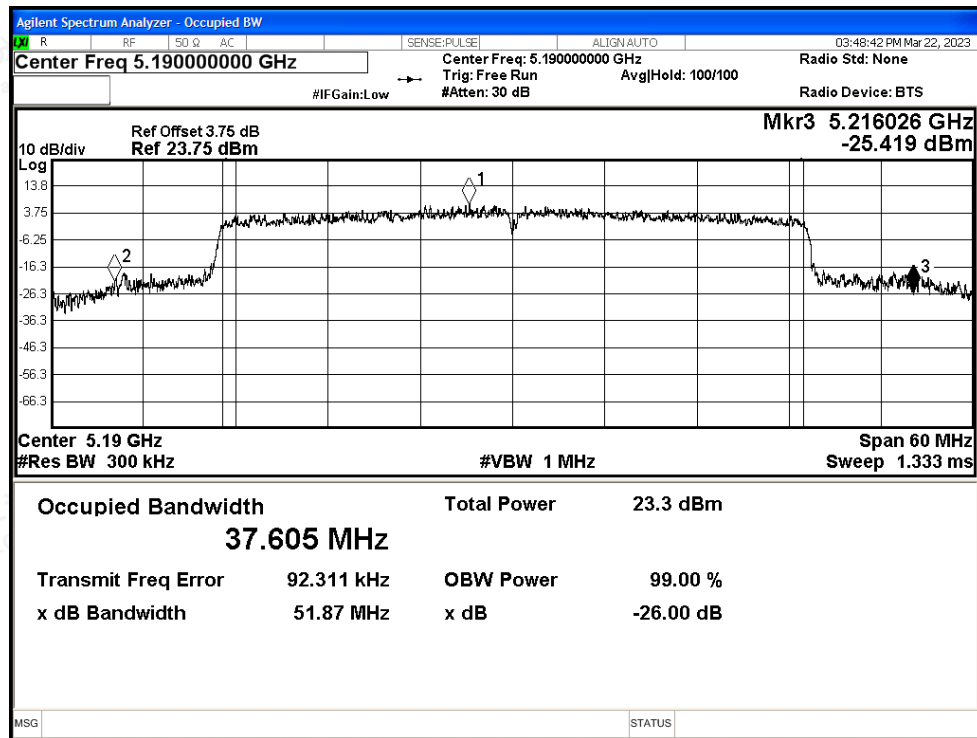
Scan code to check authenticity



-26dB Bandwidth NVNT ax20 5240MHz Ant2



-26dB Bandwidth NVNT ax40 5190MHz Ant2



Shenzhen LCS Compliance Testing Laboratory Ltd.

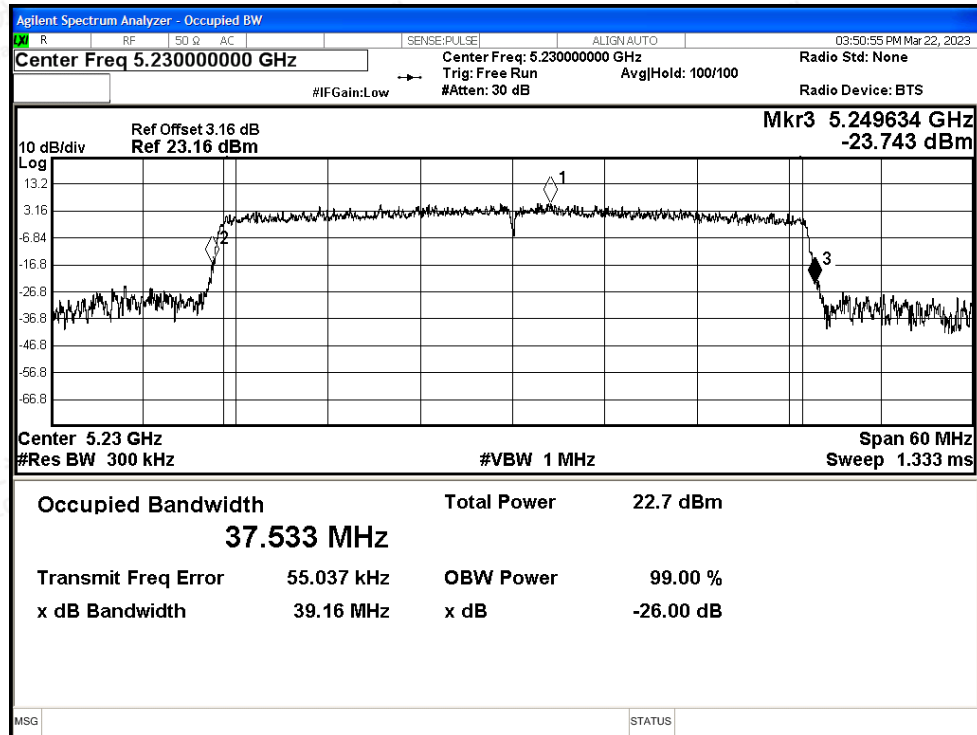
Add: 101, 201 Bldg A & 301 Bldg C, Juji Industrial Park Yabianxueziwei, Shajing Street, Baoan District, Shenzhen, 518000, China

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

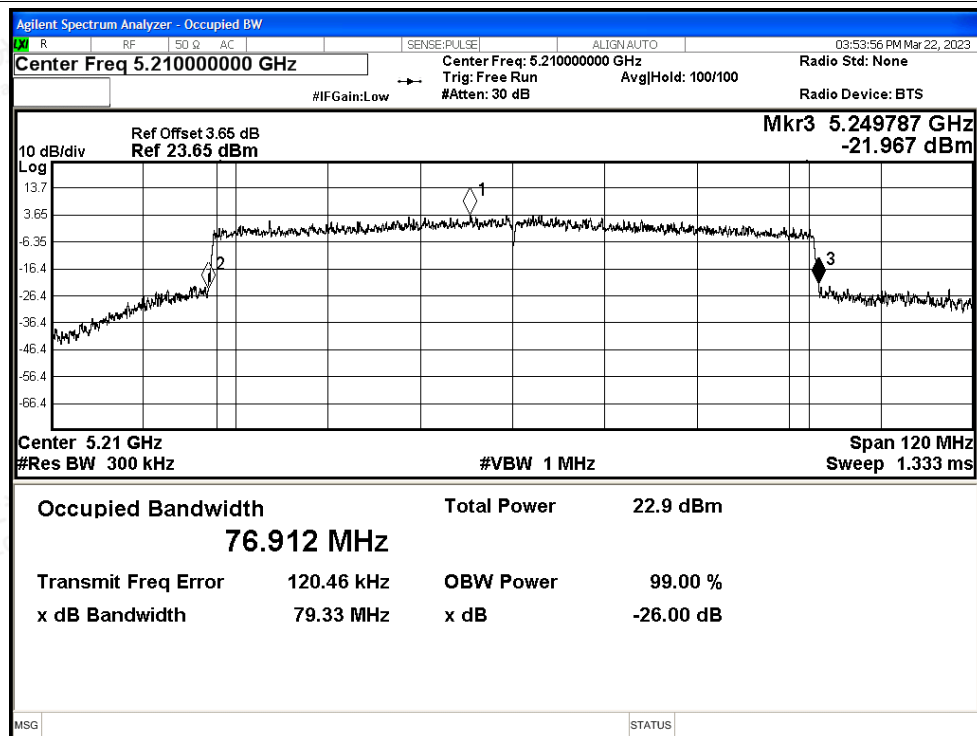
Scan code to check authenticity



-26dB Bandwidth NVNT ax40 5230MHz Ant2



-26dB Bandwidth NVNT ax80 5210MHz Ant2



-26dB Bandwidth NVNT ax160 5250MHz Ant2

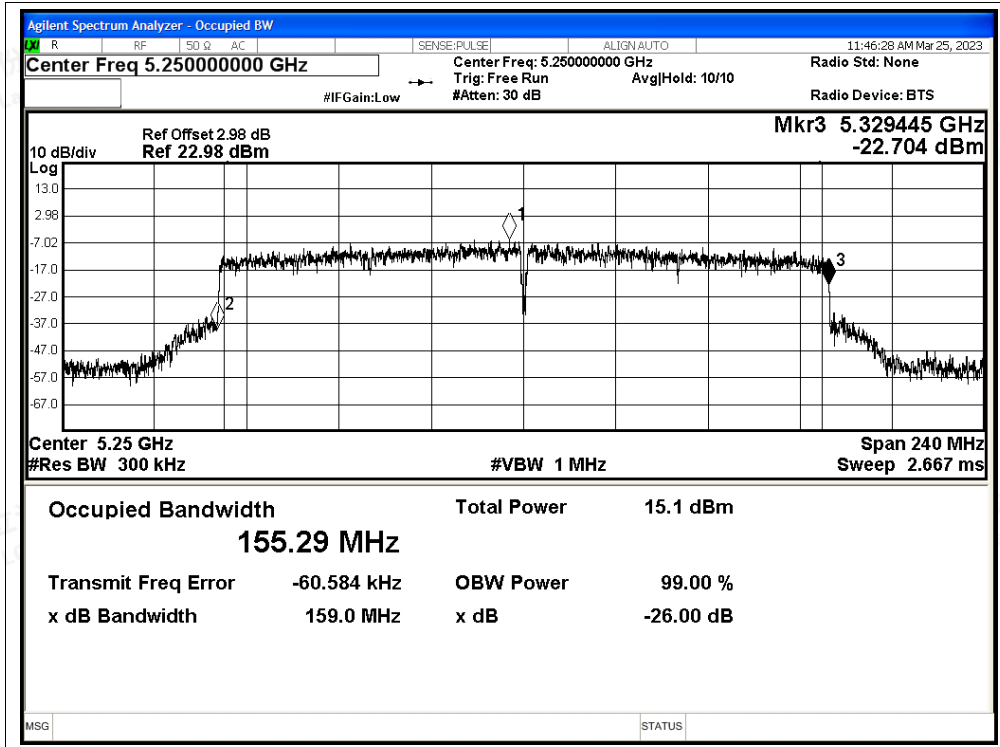


Shenzhen LCS Compliance Testing Laboratory Ltd.

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





B.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	Ant0	16.98	0.17	17.15	30	Pass
NVNT	a	5200	Ant0	16.97	0.17	17.14	30	Pass
NVNT	a	5240	Ant0	16.29	0.17	16.46	30	Pass
NVNT	n20	5180	Ant0	15.21	0.18	15.39	30	Pass
NVNT	n20	5200	Ant0	15.51	0.18	15.69	30	Pass
NVNT	n20	5240	Ant0	14.67	0.19	14.86	30	Pass
NVNT	n40	5190	Ant0	16.48	0.37	16.85	30	Pass
NVNT	n40	5230	Ant0	15.44	0.36	15.8	30	Pass
NVNT	ac20	5180	Ant0	16.15	0.49	16.64	30	Pass
NVNT	ac20	5200	Ant0	16.43	0.48	16.91	30	Pass
NVNT	ac20	5240	Ant0	15.62	0.49	16.11	30	Pass
NVNT	ac40	5190	Ant0	16	0.84	16.84	30	Pass
NVNT	ac40	5230	Ant0	15.33	0.86	16.19	30	Pass
NVNT	ac80	5210	Ant0	14.58	1.39	15.97	30	Pass
NVNT	ac160	5250	Ant0	7.92	1.76	9.68	30	Pass
NVNT	ax20	5180	Ant0	14.99	0.48	15.47	30	Pass
NVNT	ax20	5200	Ant0	16.65	0.54	17.19	30	Pass
NVNT	ax20	5240	Ant0	15.83	0.53	16.36	30	Pass
NVNT	ax40	5190	Ant0	16.65	0.54	17.19	30	Pass
NVNT	ax40	5230	Ant0	15.92	0.54	16.46	30	Pass
NVNT	ax80	5210	Ant0	15.71	0.56	16.27	30	Pass
NVNT	ax160	5250	Ant0	10.02	0.51	10.53	30	Pass

Condition	Mode	Frequency (MHz)	Antenna	Conducted Power (dBm)	Duty Factor (dB)	Total Power (dBm)	Limit (dBm)	Verdict
NVNT	a	5180	Ant1	18.67	0.17	18.84	30	Pass
NVNT	a	5200	Ant1	18.92	0.17	19.09	30	Pass
NVNT	a	5240	Ant1	18.23	0.17	18.4	30	Pass
NVNT	n20	5180	Ant1	17.19	0.18	17.37	30	Pass
NVNT	n20	5200	Ant1	17.17	0.19	17.36	30	Pass
NVNT	n20	5240	Ant1	16.23	0.19	16.42	30	Pass
NVNT	n40	5190	Ant1	16.84	0.37	17.21	30	Pass
NVNT	n40	5230	Ant1	16.02	0.36	16.38	30	Pass
NVNT	ac20	5180	Ant1	16.6	0.48	17.08	30	Pass
NVNT	ac20	5200	Ant1	16.89	0.48	17.37	30	Pass
NVNT	ac20	5240	Ant1	16.11	0.49	16.6	30	Pass
NVNT	ac40	5190	Ant1	16.58	0.84	17.42	30	Pass
NVNT	ac40	5230	Ant1	15.77	0.86	16.63	30	Pass
NVNT	ac80	5210	Ant1	15.03	1.39	16.42	30	Pass
NVNT	ac160	5250	Ant1	8.41	1.79	10.2	30	Pass





NVNT	ax20	5180	Ant1	16.89	0.18	17.07	30	Pass
NVNT	ax20	5200	Ant1	17.18	0.18	17.36	30	Pass
NVNT	ax20	5240	Ant1	16.34	0.54	16.88	30	Pass
NVNT	ax40	5190	Ant1	16.73	0.55	17.28	30	Pass
NVNT	ax40	5230	Ant1	15.94	0.55	16.49	30	Pass
NVNT	ax80	5210	Ant1	15.8	0.55	16.35	30	Pass
NVNT	ax160	5250	Ant1	10.13	0.5	10.63	30	Pass

Condition	Mode	Frequency (MHz)	Antenna	Conducted Power (dBm)	Duty Factor (dB)	Total Power (dBm)	Limit (dBm)	Verdict
NVNT	a	5180	Ant2	18.03	0	18.03	30	Pass
NVNT	a	5200	Ant2	18.38	0	18.38	30	Pass
NVNT	a	5240	Ant2	17.6	0.09	17.69	30	Pass
NVNT	n20	5180	Ant2	15.45	0.18	15.63	30	Pass
NVNT	n20	5200	Ant2	15.74	0.19	15.93	30	Pass
NVNT	n20	5240	Ant2	14.87	0.19	15.06	30	Pass
NVNT	n40	5190	Ant2	16.15	0.36	16.51	30	Pass
NVNT	n40	5230	Ant2	15.4	0.37	15.77	30	Pass
NVNT	ac20	5180	Ant2	15.86	0.48	16.34	30	Pass
NVNT	ac20	5200	Ant2	16.14	0.48	16.62	30	Pass
NVNT	ac20	5240	Ant2	15.34	0.49	15.83	30	Pass
NVNT	ac40	5190	Ant2	15.75	0.86	16.61	30	Pass
NVNT	ac40	5230	Ant2	15.05	0.86	15.91	30	Pass
NVNT	ac80	5210	Ant2	14.09	1.39	15.48	30	Pass
NVNT	ac160	5250	Ant2	8.44	1.75	10.19	30	Pass
NVNT	ax20	5180	Ant2	15.84	0.53	16.37	30	Pass
NVNT	ax20	5200	Ant2	16.13	0.53	16.66	30	Pass
NVNT	ax20	5240	Ant2	15.44	0.54	15.98	30	Pass
NVNT	ax40	5190	Ant2	16.36	0.54	16.9	30	Pass
NVNT	ax40	5230	Ant2	15.76	0.55	16.31	30	Pass
NVNT	ax80	5210	Ant2	15.2	0.56	15.76	30	Pass
NVNT	ax160	5250	Ant2	10.18	0.5	10.68	30	Pass





MIMO

Condition	Mode	Frequency (MHz)	Total Power (dBm)				Limit (dBm)	Verdict
			Ant0	Ant1	Ant2	Ant0+Ant1+ Ant2		
NVNT	n20	5180	15.39	17.37	15.63	20.99	27.09	Pass
NVNT	n20	5200	15.69	17.36	15.93	21.16	27.09	Pass
NVNT	n20	5240	14.86	16.42	15.06	20.27	27.09	Pass
NVNT	n40	5190	16.85	17.21	16.51	21.64	27.09	Pass
NVNT	n40	5230	15.8	16.38	15.77	20.76	27.09	Pass
NVNT	ac20	5180	16.64	17.08	16.34	21.47	27.09	Pass
NVNT	ac20	5200	16.91	17.37	16.62	21.75	27.09	Pass
NVNT	ac20	5240	16.11	16.6	15.83	20.96	27.09	Pass
NVNT	ac40	5190	16.84	17.42	16.61	21.74	27.09	Pass
NVNT	ac40	5230	16.19	16.63	15.91	21.02	27.09	Pass
NVNT	ac80	5210	15.97	16.42	15.48	20.74	27.09	Pass
NVNT	ac160	5250	9.68	10.2	10.19	14.80	27.09	Pass
NVNT	ax20	5180	15.47	17.07	16.37	21.12	27.09	Pass
NVNT	ax20	5200	17.19	17.36	16.66	21.85	27.09	Pass
NVNT	ax20	5240	16.36	16.88	15.98	21.19	27.09	Pass
NVNT	ax40	5190	17.19	17.28	16.9	21.90	27.09	Pass
NVNT	ax40	5230	16.46	16.49	16.31	21.19	27.09	Pass
NVNT	ax80	5210	16.27	16.35	15.76	20.91	27.09	Pass
NVNT	ax160	5250	10.53	10.63	10.68	15.38	27.09	Pass





B.3 Maximum Power Spectral Density Level

Condition	Mode	Frequency (MHz)	Antenna	Conducted PSD (dBm)	Duty Factor (dB)	Total PSD (dBm)	Limit (dBm)	Verdict
NVNT	a	5180	Ant0	4.83	0.17	5	17	Pass
NVNT	a	5200	Ant0	4.24	0.17	4.41	17	Pass
NVNT	a	5240	Ant0	4.07	0.17	4.24	17	Pass
NVNT	n20	5180	Ant0	1.46	0.18	1.64	17	Pass
NVNT	n20	5200	Ant0	2.35	0.18	2.53	17	Pass
NVNT	n20	5240	Ant0	1.42	0.19	1.61	17	Pass
NVNT	n40	5190	Ant0	-0.31	0.37	0.06	17	Pass
NVNT	n40	5230	Ant0	-2.44	0.36	-2.08	17	Pass
NVNT	ac20	5180	Ant0	0.93	0.49	1.42	17	Pass
NVNT	ac20	5200	Ant0	0.52	0.48	1	17	Pass
NVNT	ac20	5240	Ant0	0.1	0.49	0.59	17	Pass
NVNT	ac40	5190	Ant0	-5.79	0.84	-4.95	17	Pass
NVNT	ac40	5230	Ant0	-7.51	0.86	-6.65	17	Pass
NVNT	ac80	5210	Ant0	-14	1.41	-12.59	17	Pass
NVNT	ac160	5250	Ant0	-23.59	1.76	-21.83	17	Pass
NVNT	ax20	5180	Ant0	1.18	0.48	1.66	17	Pass
NVNT	ax20	5200	Ant0	2.37	0.54	2.91	17	Pass
NVNT	ax20	5240	Ant0	-0.65	0.53	-0.12	17	Pass
NVNT	ax40	5190	Ant0	-2.56	0.54	-2.02	17	Pass
NVNT	ax40	5230	Ant0	-2.4	0.54	-1.86	17	Pass
NVNT	ax80	5210	Ant0	-6.6	0.56	-6.04	17	Pass
NVNT	ax160	5250	Ant0	-14.14	0.51	-13.63	17	Pass

Condition	Mode	Frequency (MHz)	Antenna	Conducted PSD (dBm)	Duty Factor (dB)	Total PSD (dBm)	Limit (dBm)	Verdict
NVNT	a	5180	Ant1	5.19	0.17	5.36	17	Pass
NVNT	a	5200	Ant1	6.83	0.17	7	17	Pass
NVNT	a	5240	Ant1	5.63	0.17	5.8	17	Pass
NVNT	n20	5180	Ant1	3.46	0.18	3.64	17	Pass
NVNT	n20	5200	Ant1	4.33	0.19	4.52	17	Pass
NVNT	n20	5240	Ant1	2.55	0.19	2.74	17	Pass
NVNT	n40	5190	Ant1	1.48	0.37	1.85	17	Pass
NVNT	n40	5230	Ant1	0.24	0.36	0.6	17	Pass
NVNT	ac20	5180	Ant1	0.28	0.48	0.76	17	Pass
NVNT	ac20	5200	Ant1	1.18	0.48	1.66	17	Pass
NVNT	ac20	5240	Ant1	1.97	0.49	2.46	17	Pass
NVNT	ac40	5190	Ant1	-4.96	0.84	-4.12	17	Pass
NVNT	ac40	5230	Ant1	-2.75	0.86	-1.89	17	Pass
NVNT	ac80	5210	Ant1	-13.14	1.39	-11.75	17	Pass
NVNT	ac160	5250	Ant1	-22.45	1.79	-20.66	17	Pass
NVNT	ax20	5180	Ant1	2.85	0.18	3.03	17	Pass
NVNT	ax20	5200	Ant1	3.62	0.18	3.8	17	Pass





NVNT	ax20	5240	Ant1	-1.07	0.54	-0.53	17	Pass
NVNT	ax40	5190	Ant1	-2.32	0.55	-1.77	17	Pass
NVNT	ax40	5230	Ant1	-3.22	0.55	-2.67	17	Pass
NVNT	ax80	5210	Ant1	-6.37	0.55	-5.82	17	Pass
NVNT	ax160	5250	Ant1	-12.95	0.5	-12.45	17	Pass

Condition	Mode	Frequency (MHz)	Antenna	Conducted PSD (dBm)	Duty Factor (dB)	Total PSD (dBm)	Limit (dBm)	Verdict
NVNT	a	5180	Ant2	5.34	0	5.34	17	Pass
NVNT	a	5200	Ant2	6	0	6	17	Pass
NVNT	a	5240	Ant2	5.34	0.09	5.43	17	Pass
NVNT	n20	5180	Ant2	2.11	0.18	2.29	17	Pass
NVNT	n20	5200	Ant2	1.96	0.19	2.15	17	Pass
NVNT	n20	5240	Ant2	1.73	0.19	1.92	17	Pass
NVNT	n40	5190	Ant2	-0.24	0.36	0.12	17	Pass
NVNT	n40	5230	Ant2	0.56	0.37	0.93	17	Pass
NVNT	ac20	5180	Ant2	0.75	0.48	1.23	17	Pass
NVNT	ac20	5200	Ant2	0.1	0.48	0.58	17	Pass
NVNT	ac20	5240	Ant2	-0.97	0.49	-0.48	17	Pass
NVNT	ac40	5190	Ant2	-5.34	0.86	-4.48	17	Pass
NVNT	ac40	5230	Ant2	-7.57	0.86	-6.71	17	Pass
NVNT	ac80	5210	Ant2	-12.02	1.39	-10.63	17	Pass
NVNT	ac160	5250	Ant2	-25.08	1.75	-23.33	17	Pass
NVNT	ax20	5180	Ant2	-0.1	0.53	0.43	17	Pass
NVNT	ax20	5200	Ant2	-0.2	0.53	0.33	17	Pass
NVNT	ax20	5240	Ant2	-0.66	0.54	-0.12	17	Pass
NVNT	ax40	5190	Ant2	-0.57	0.54	-0.03	17	Pass
NVNT	ax40	5230	Ant2	-3.07	0.55	-2.52	17	Pass
NVNT	ax80	5210	Ant2	-5.4	0.56	-4.84	17	Pass
NVNT	ax160	5570	Ant2	-20.39	3.98	-16.41	17	Pass





MIMO

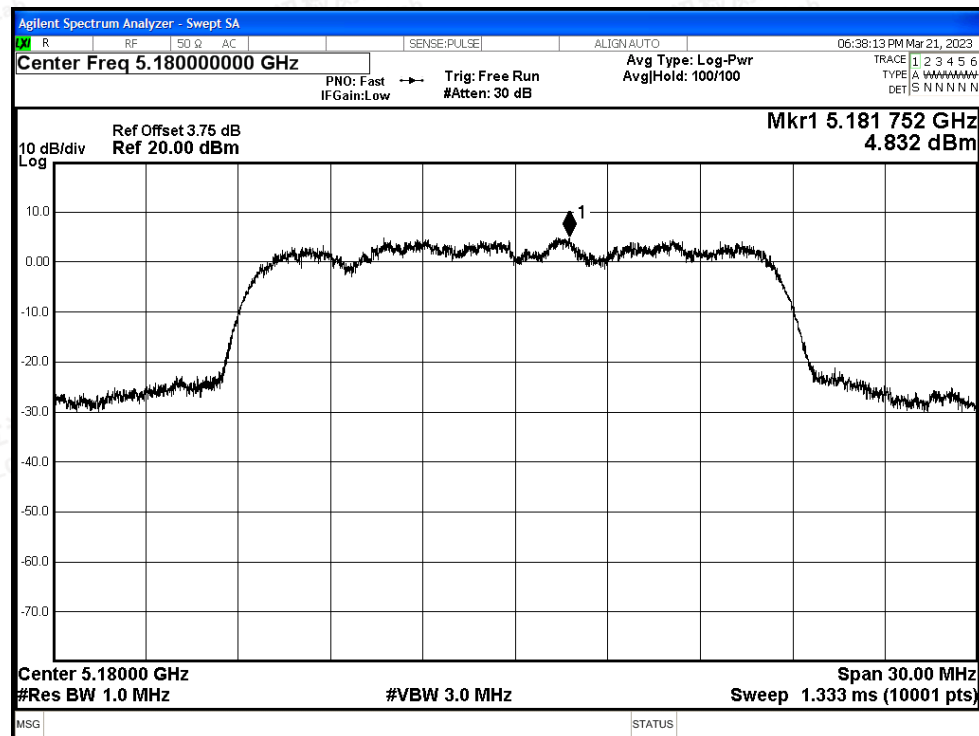
Condition	Mode	Frequency (MHz)	Total PSD (dBm/MHz)				Limit (dBm)	Verdict
			Ant0	Ant1	Ant2	Ant0+Ant1+ Ant2		
NVNT	n20	5180	1.64	3.64	2.29	7.38	14.09	Pass
NVNT	n20	5200	2.53	4.52	2.15	7.97	14.09	Pass
NVNT	n20	5240	1.61	2.74	1.92	6.89	14.09	Pass
NVNT	n40	5190	0.06	1.85	0.12	5.53	14.09	Pass
NVNT	n40	5230	-2.08	0.6	0.93	4.78	14.09	Pass
NVNT	ac20	5180	1.42	0.76	1.23	5.92	14.09	Pass
NVNT	ac20	5200	1	1.66	0.58	5.87	14.09	Pass
NVNT	ac20	5240	0.59	2.46	-0.48	5.80	14.09	Pass
NVNT	ac40	5190	-4.95	-4.12	-4.48	0.27	14.09	Pass
NVNT	ac40	5230	-6.65	-1.89	-6.71	0.32	14.09	Pass
NVNT	ac80	5210	-12.59	-11.75	-10.63	-6.81	14.09	Pass
NVNT	ac160	5250	-21.83	-20.66	-23.33	-17.03	14.09	Pass
NVNT	ax20	5180	1.66	3.03	0.43	6.61	14.09	Pass
NVNT	ax20	5200	2.91	3.8	0.33	7.35	14.09	Pass
NVNT	ax20	5240	-0.12	-0.53	-0.12	4.52	14.09	Pass
NVNT	ax40	5190	-2.02	-1.77	-0.03	3.59	14.09	Pass
NVNT	ax40	5230	-1.86	-2.67	-2.52	2.44	14.09	Pass
NVNT	ax80	5210	-6.04	-5.82	-4.84	-0.76	14.09	Pass
NVNT	ax160	5250	-13.63	-12.45	-16.41	-9.10	14.09	Pass



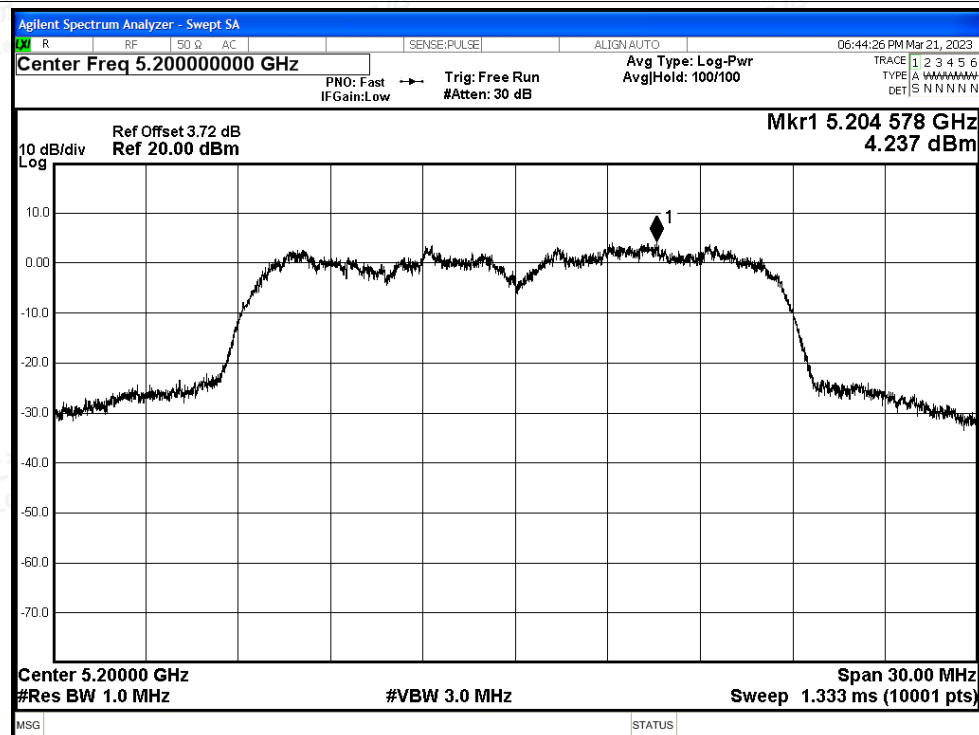


Test Graphs

PSD NVNT a 5180MHz Ant0



PSD NVNT a 5200MHz Ant0

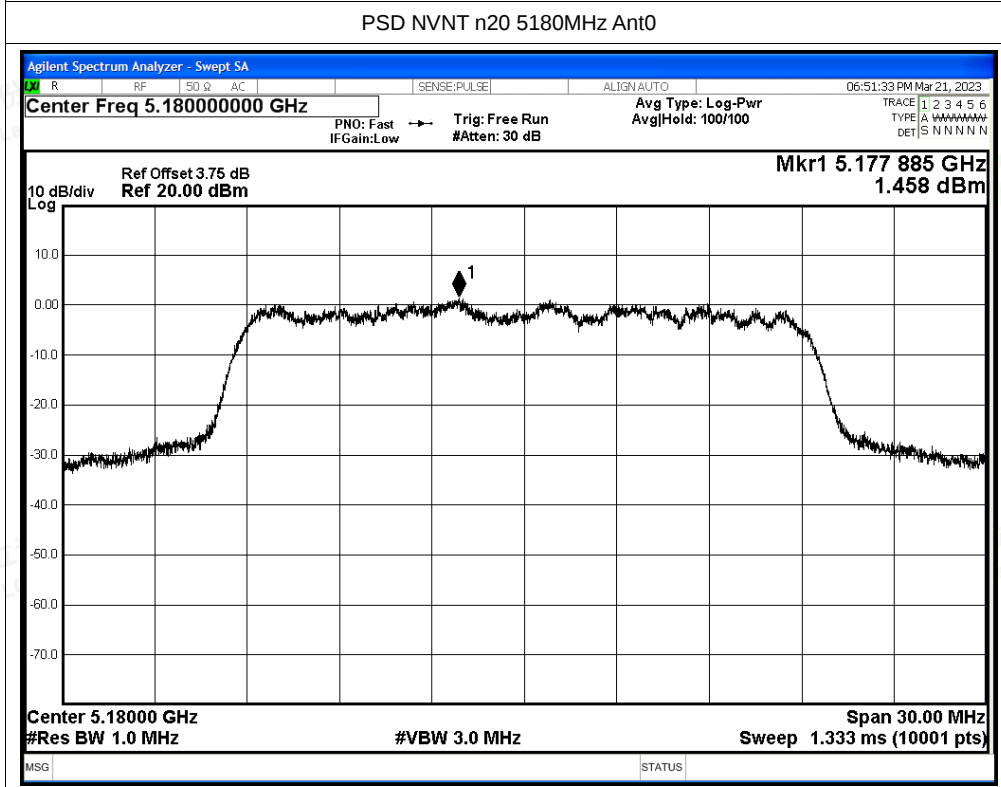
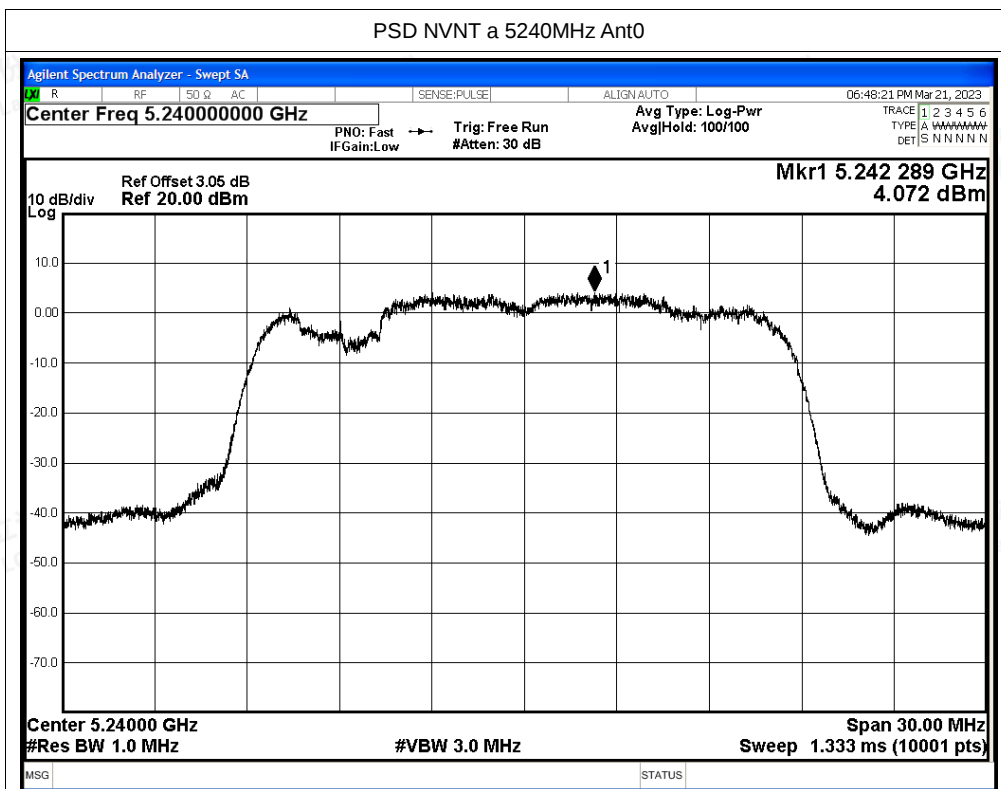


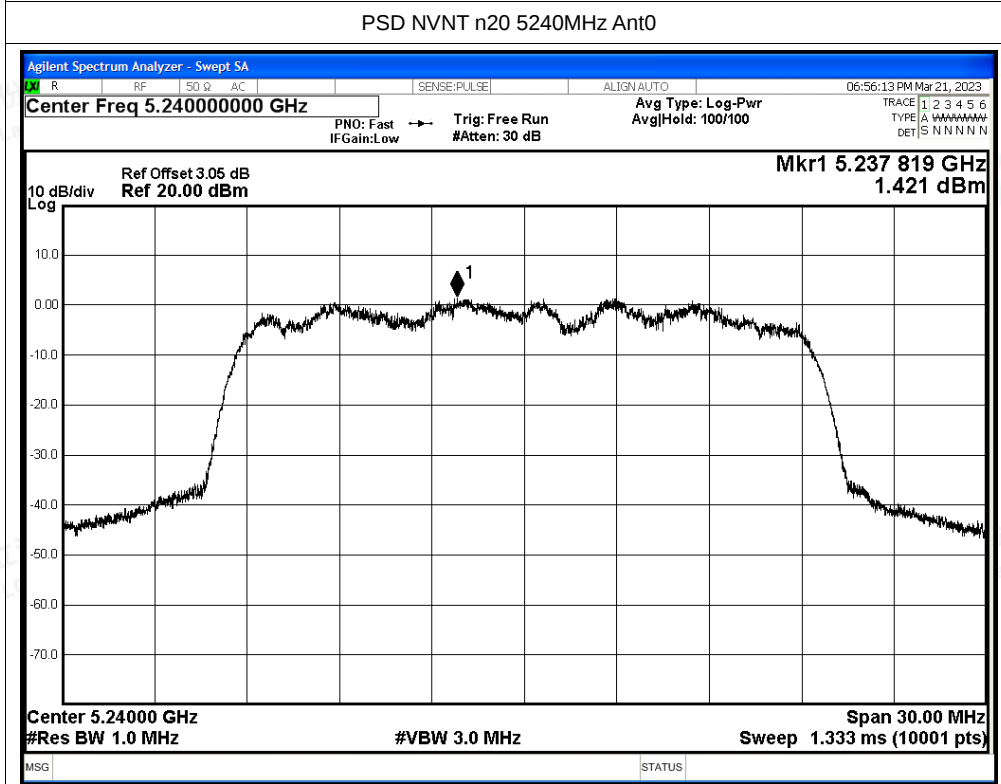
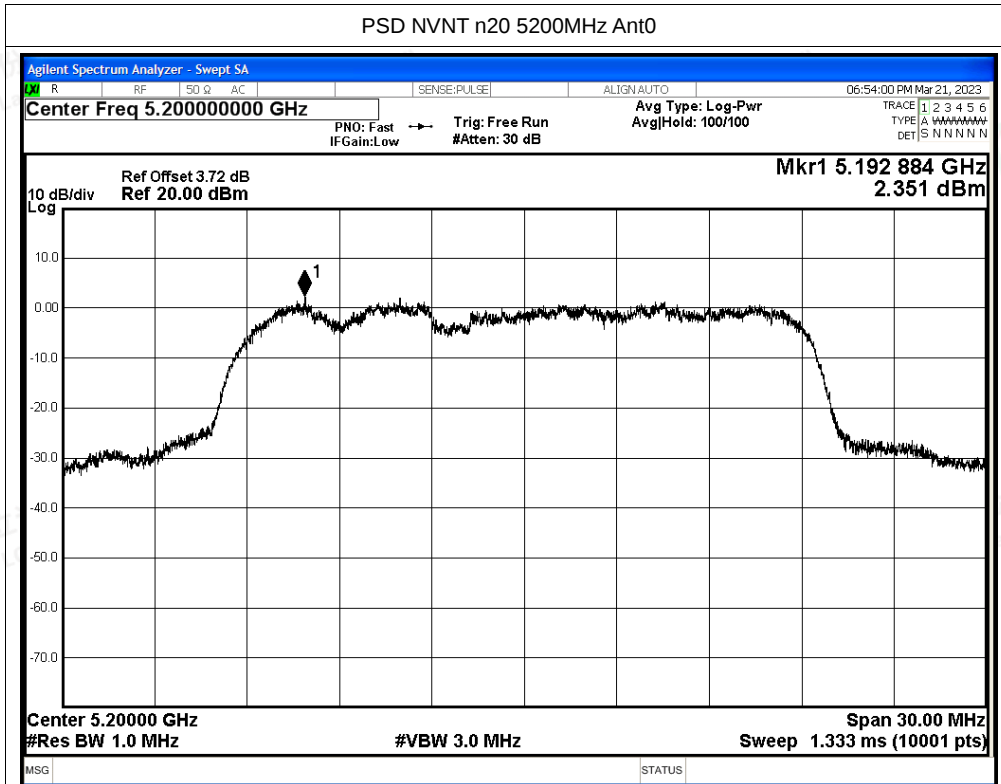
Shenzhen LCS Compliance Testing Laboratory Ltd.

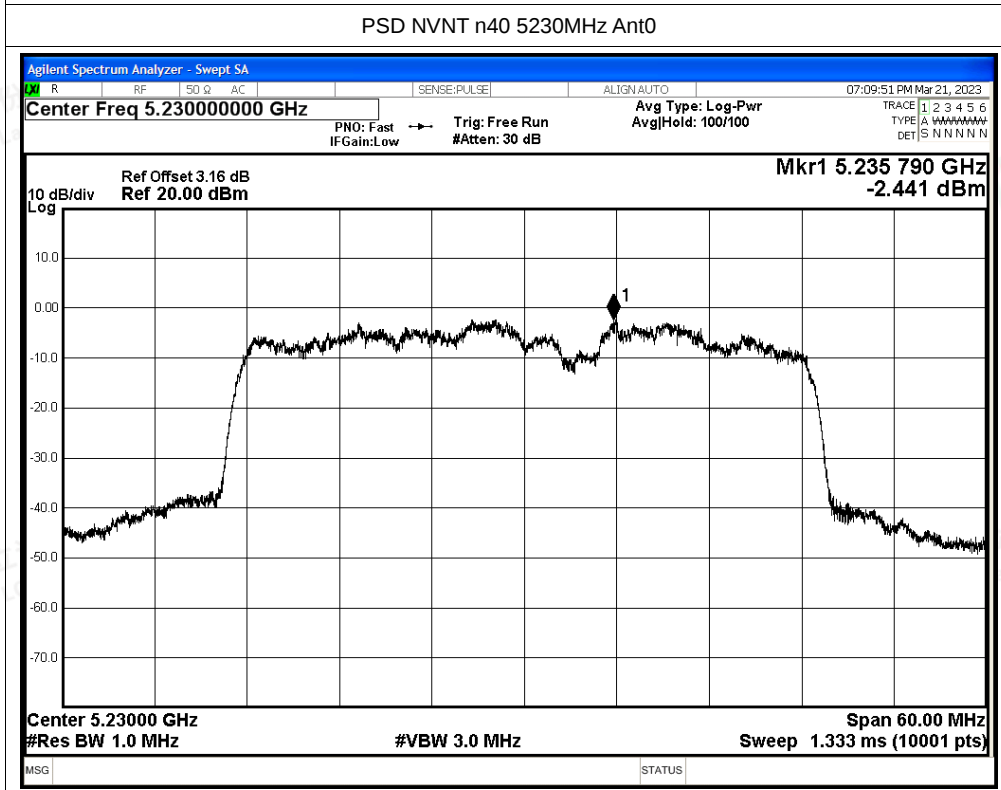
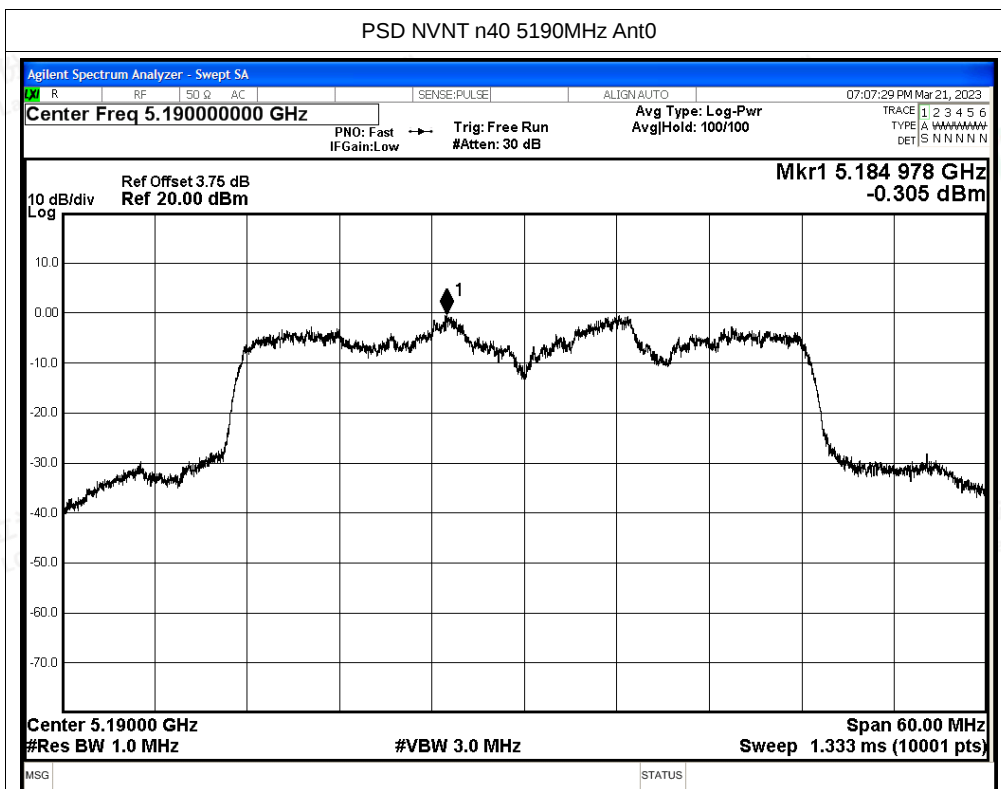
Add: 101, 201 Bldg A & 301 Bldg C, Juji Industrial Park Yabianxueziwei, Shajing Street, Baoan District, Shenzhen, 518000, China

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

Scan code to check authenticity

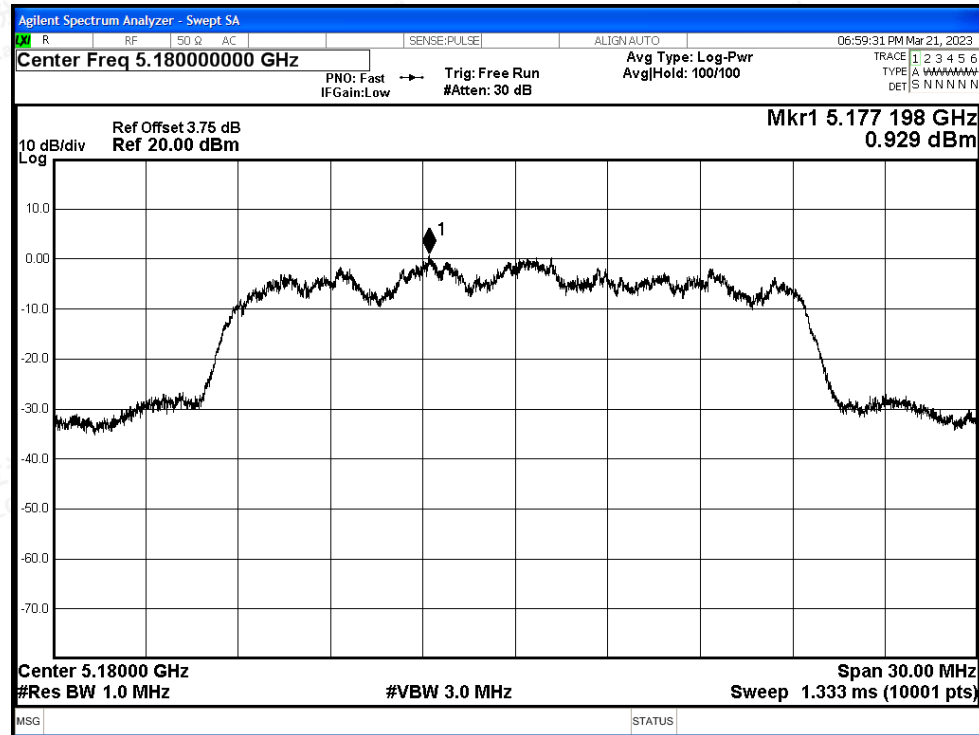




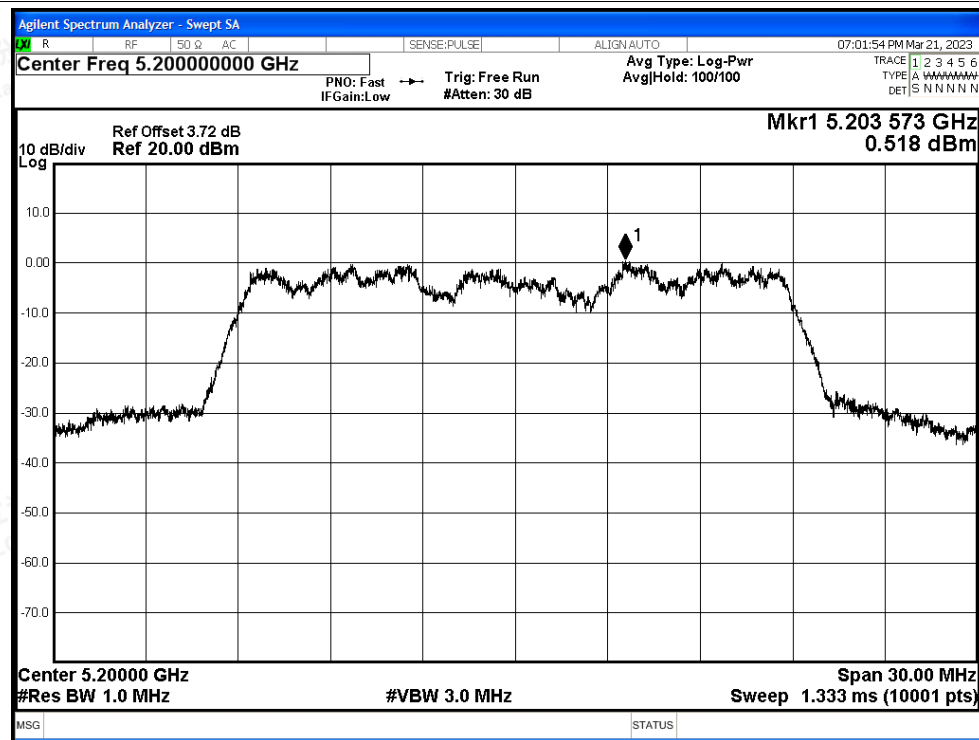




PSD NVNT ac20 5180MHz Ant0



PSD NVNT ac20 5200MHz Ant0



Shenzhen LCS Compliance Testing Laboratory Ltd.

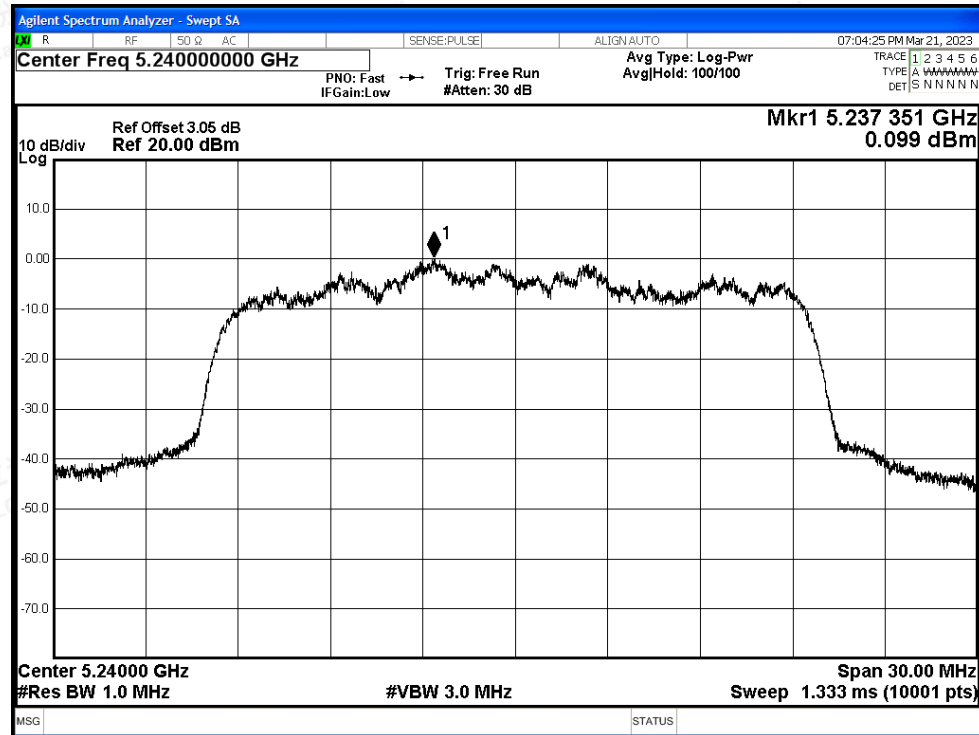
Add: 101, 201 Bldg A & 301 Bldg C, Juji Industrial Park Yabianxueziwei, Shajing Street, Baoan District, Shenzhen, 518000, China

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

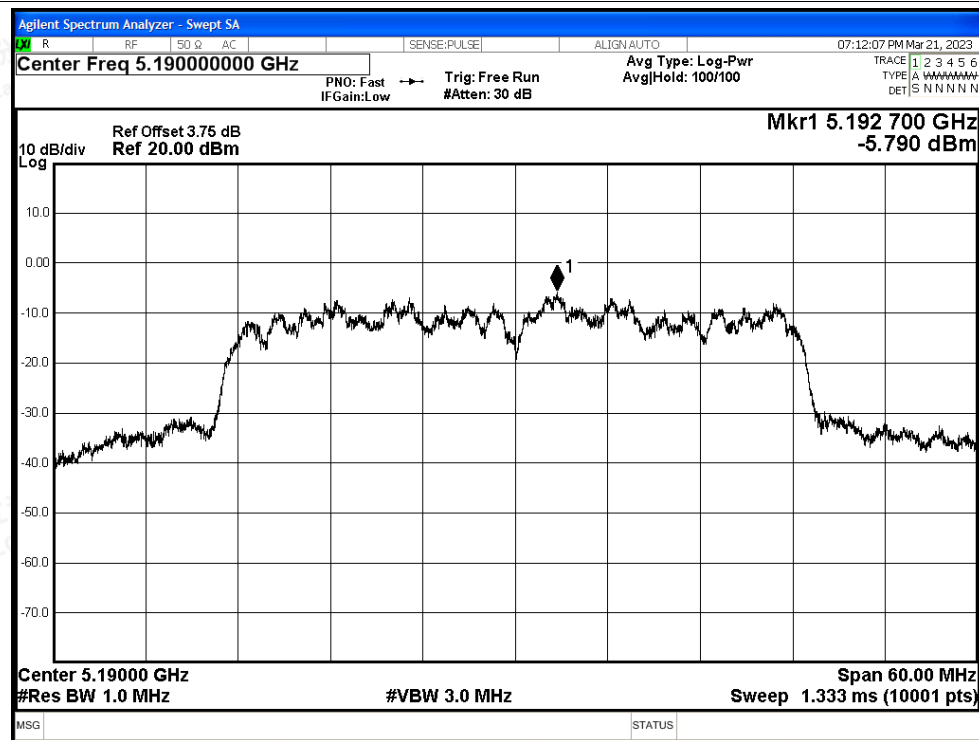
Scan code to check authenticity



PSD NVNT ac20 5240MHz Ant0



PSD NVNT ac40 5190MHz Ant0



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