



Appendix E

RF Test Data for 5.8GWIFI (Conducted Measurement)

Product Name: Legends Pinball HDP

Test Model: HA9919A

Environmental Conditions

Temperature:	23.6°C
Relative Humidity:	52.8%
ATM Pressure:	100.0 kPa
Test Engineer:	Paddi Chen
Supervised by:	Nick Peng





E.1 -6dB Bandwidth

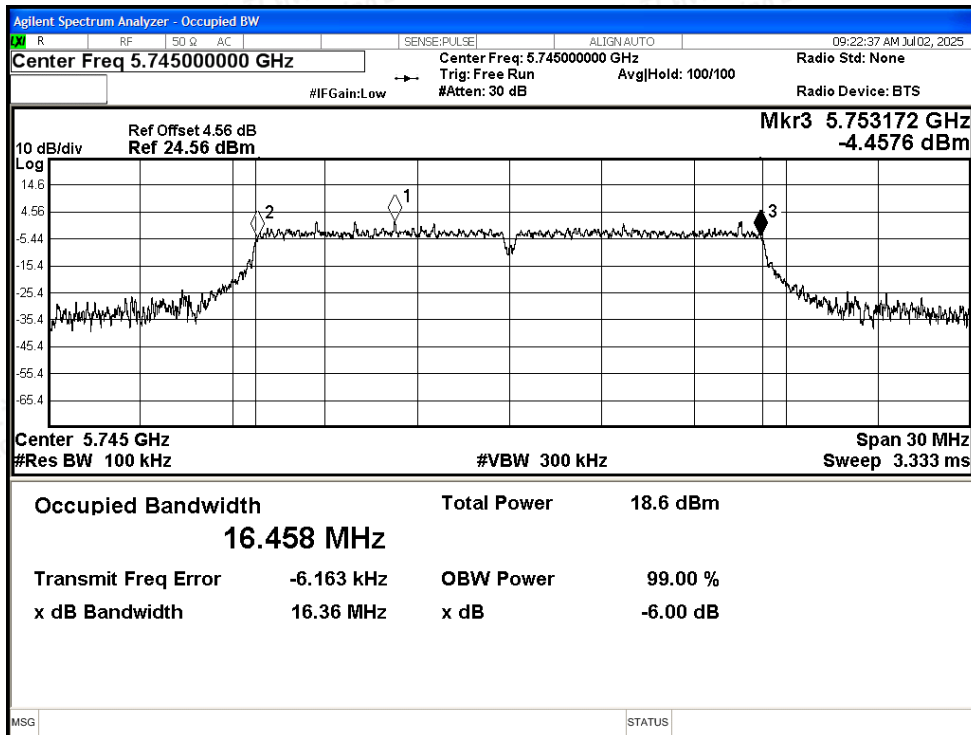
Condition	Mode	Frequency (MHz)	Antenna	-6 dB Bandwidth (MHz)	Limit -6 dB Bandwidth (MHz)	Verdict
NVNT	a	5745	Ant1	16.357	≥ 0.5	Pass
NVNT	a	5785	Ant1	16.328	≥ 0.5	Pass
NVNT	a	5825	Ant1	16.333	≥ 0.5	Pass
NVNT	n20	5745	Ant1	17.378	≥ 0.5	Pass
NVNT	n20	5785	Ant1	17.404	≥ 0.5	Pass
NVNT	n20	5825	Ant1	17.421	≥ 0.5	Pass
NVNT	n40	5755	Ant1	36.158	≥ 0.5	Pass
NVNT	n40	5795	Ant1	36.309	≥ 0.5	Pass
NVNT	ac20	5745	Ant1	17.427	≥ 0.5	Pass
NVNT	ac20	5785	Ant1	17.537	≥ 0.5	Pass
NVNT	ac20	5825	Ant1	17.155	≥ 0.5	Pass
NVNT	ac40	5755	Ant1	36.418	≥ 0.5	Pass
NVNT	ac40	5795	Ant1	36.422	≥ 0.5	Pass
NVNT	ac80	5775	Ant1	75.576	≥ 0.5	Pass



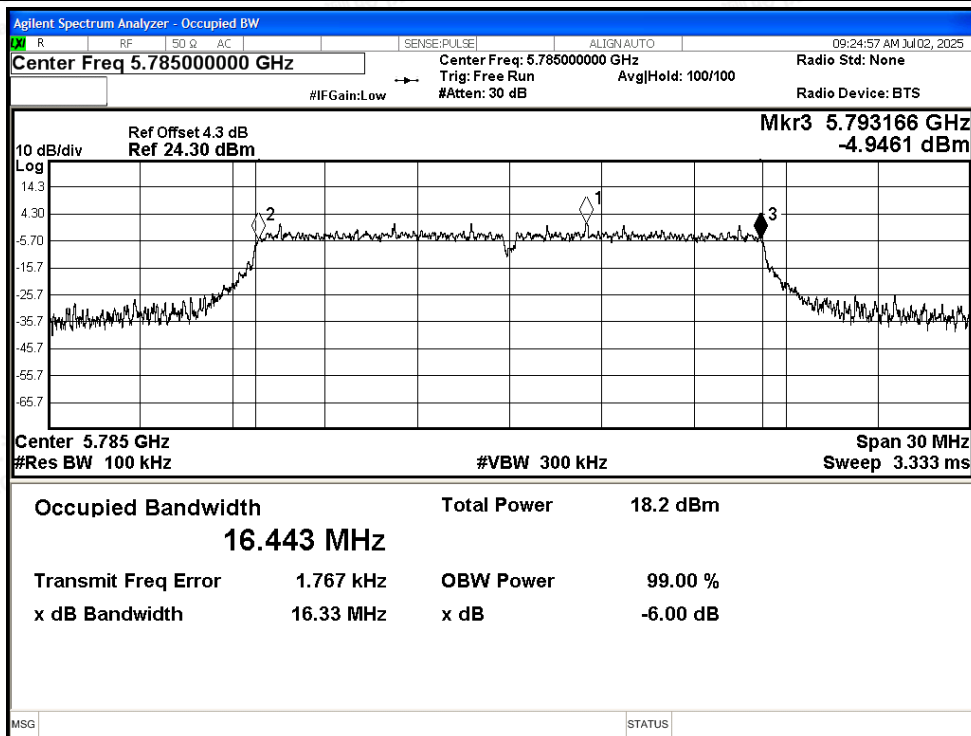


Test Graphs

-6dB Bandwidth NVNT a 5745MHz Ant1



-6dB Bandwidth NVNT a 5785MHz Ant1



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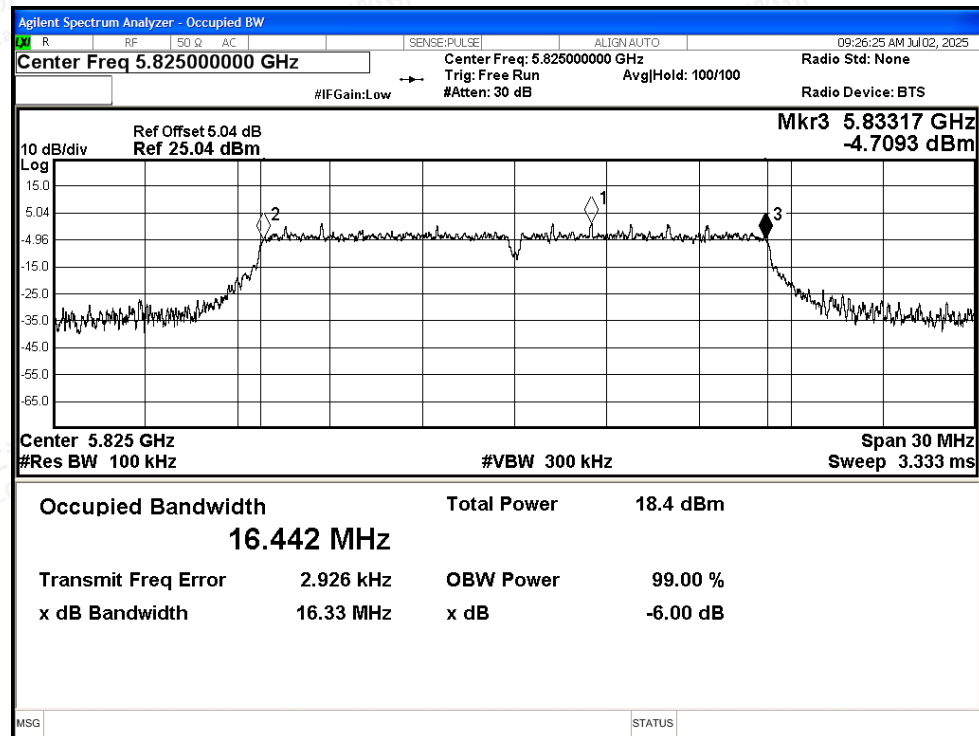
Add: 101, 201 Bldg A & 301 Bldg C, Juji Industrial Park Yabianxueziwei, Shajing Street, Baoan District, Shenzhen, 518000, China

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

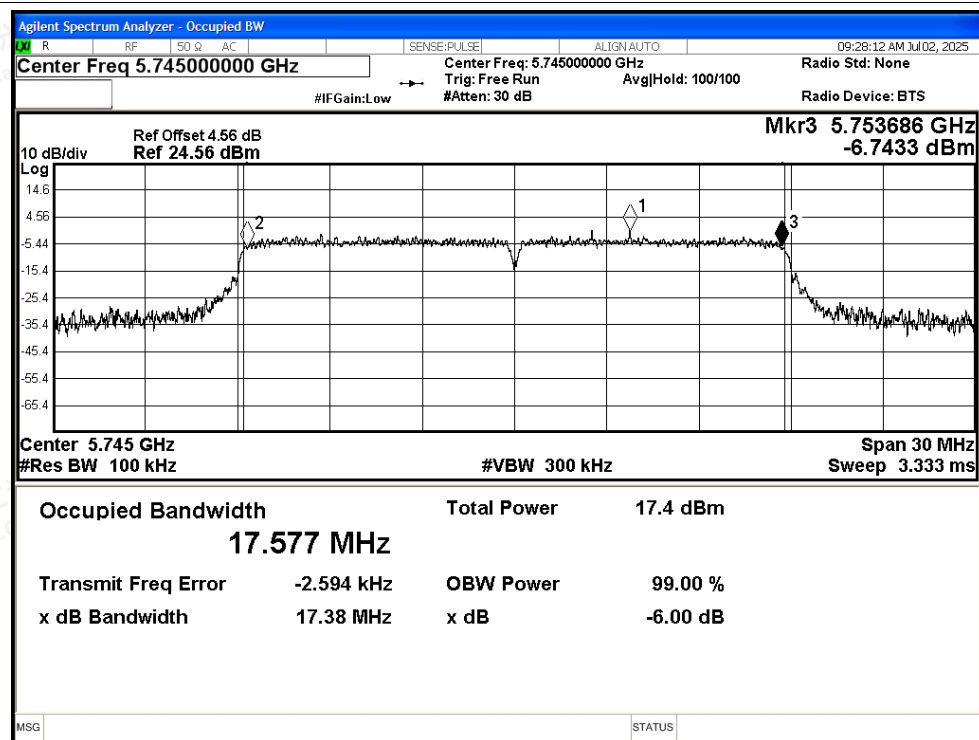
Scan code to check authenticity



-6dB Bandwidth NVNT a 5825MHz Ant1



-6dB Bandwidth NVNT n20 5745MHz Ant1



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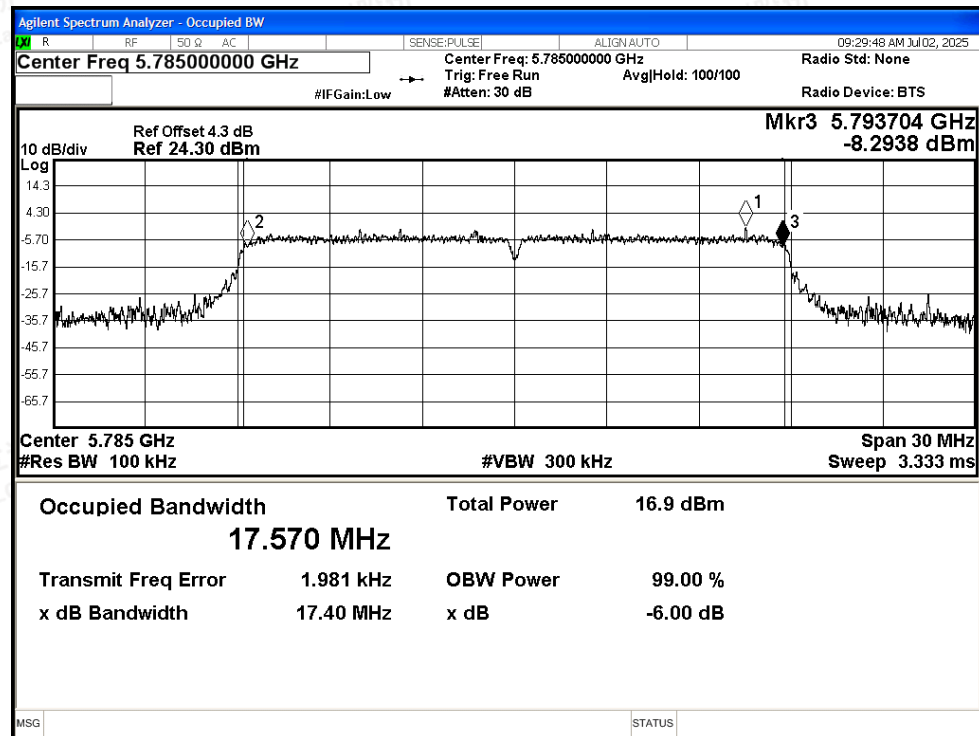
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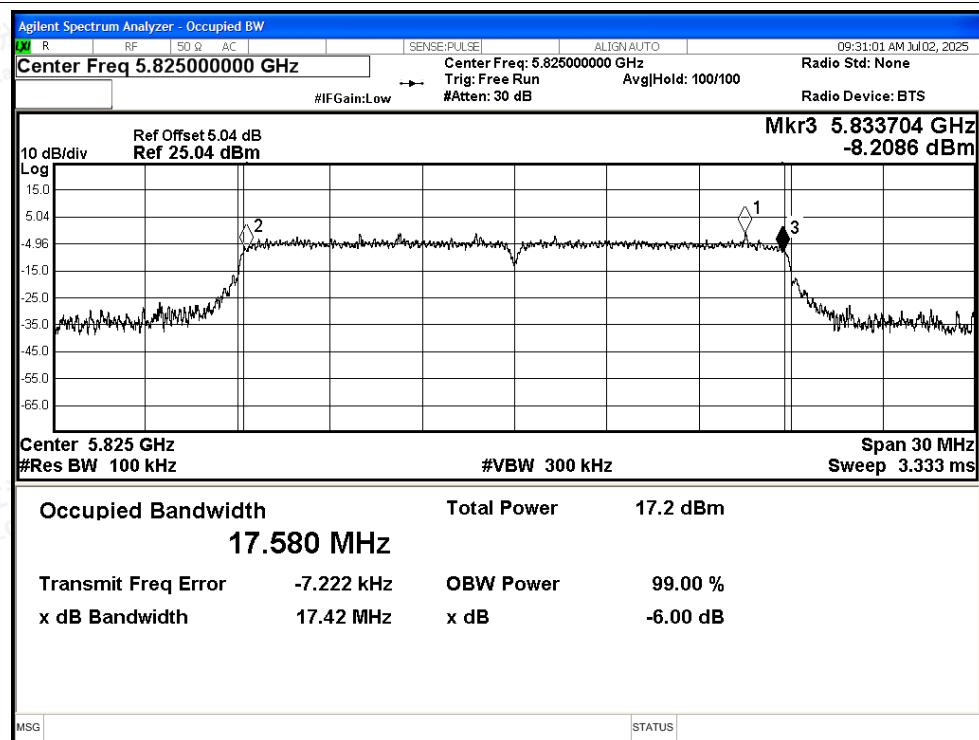
Scan code to check authenticity



-6dB Bandwidth NVNT n20 5785MHz Ant1



-6dB Bandwidth NVNT n20 5825MHz Ant1



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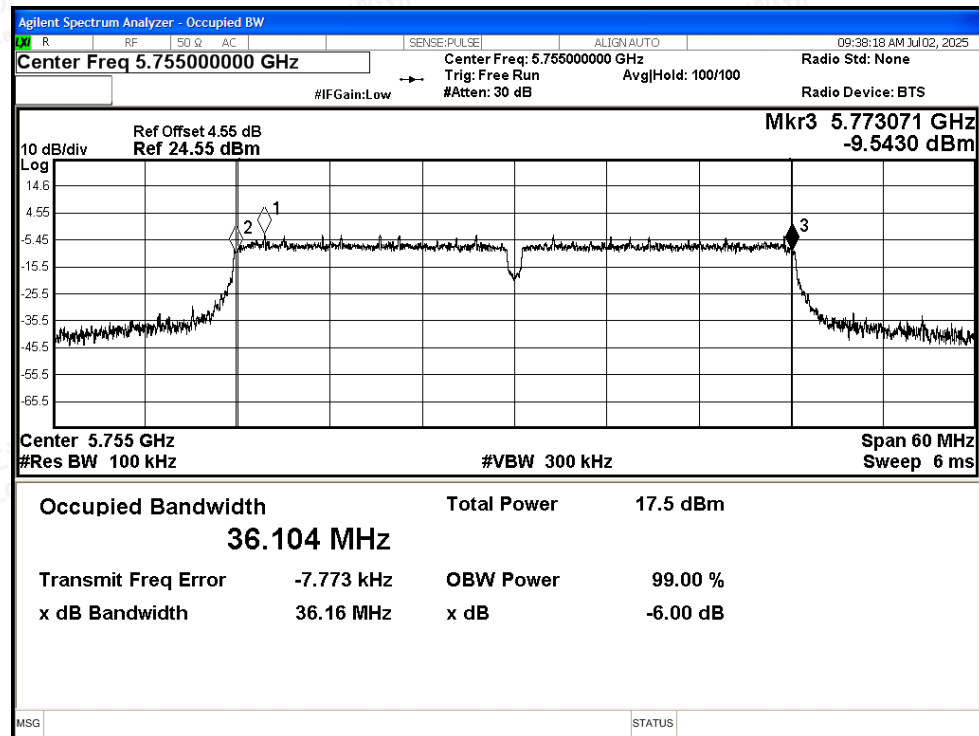
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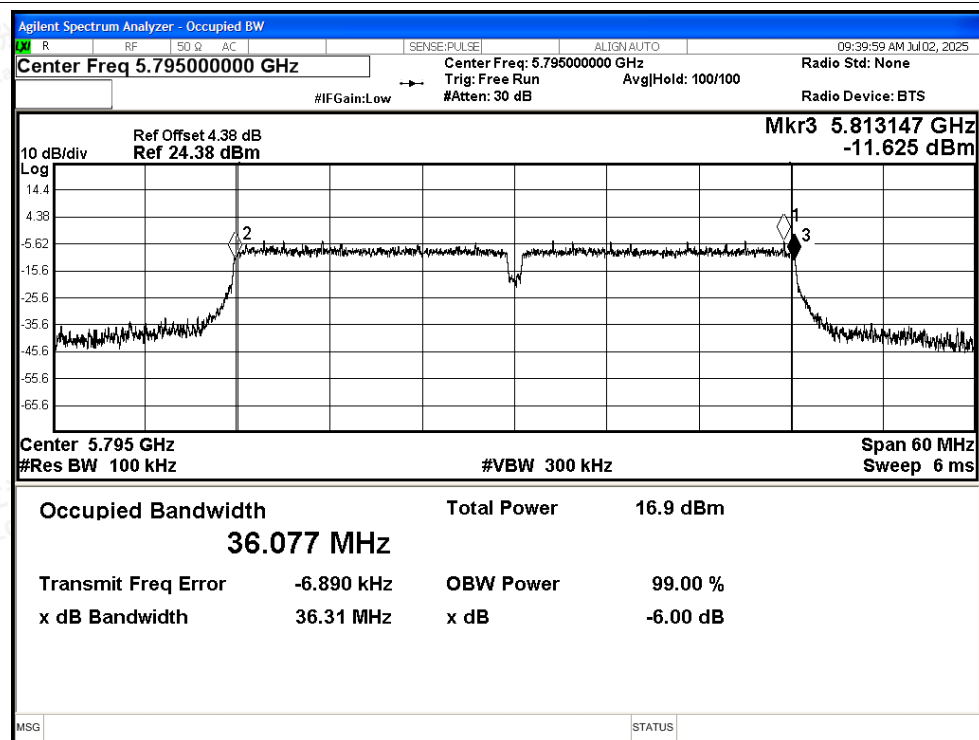
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-6dB Bandwidth NVNT n40 5755MHz Ant1



-6dB Bandwidth NVNT n40 5795MHz Ant1



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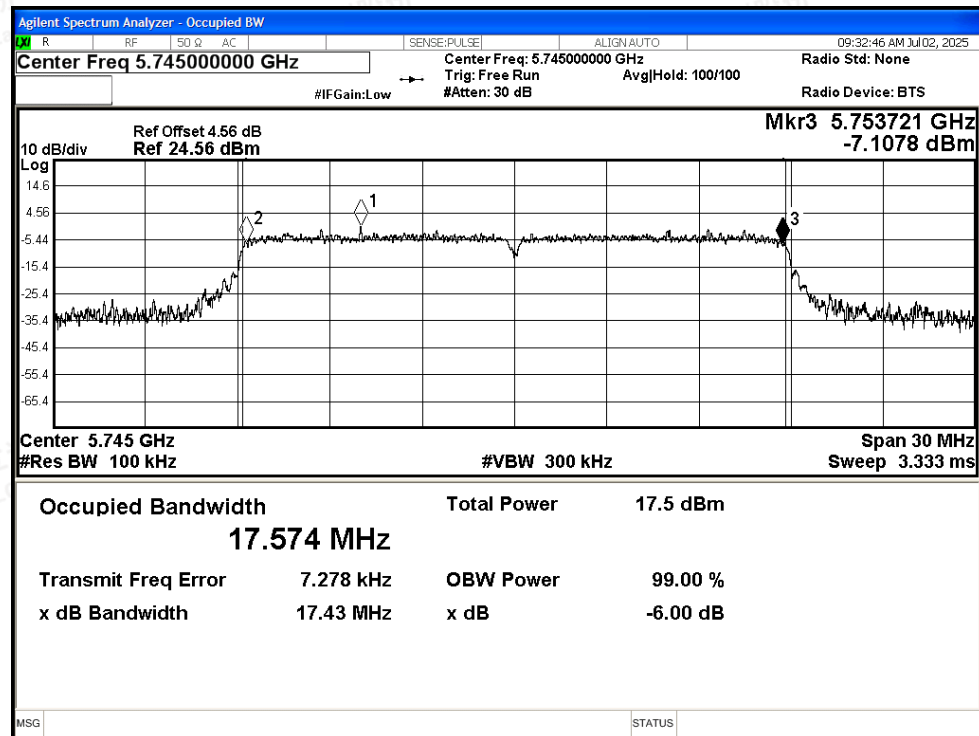
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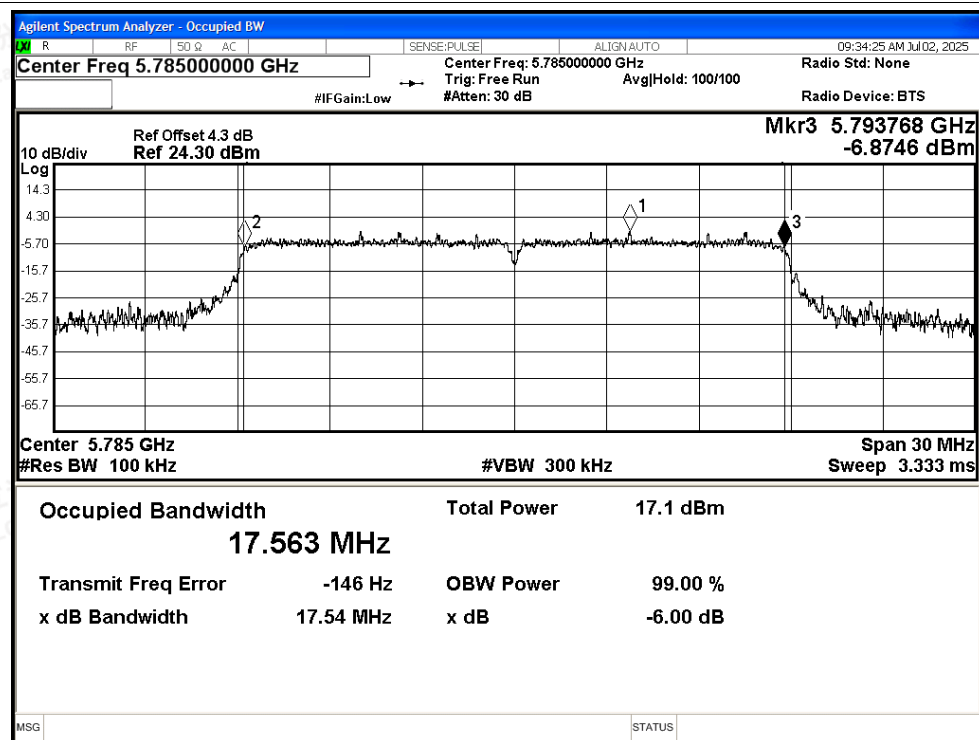
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-6dB Bandwidth NVNT ac20 5745MHz Ant1



-6dB Bandwidth NVNT ac20 5785MHz Ant1



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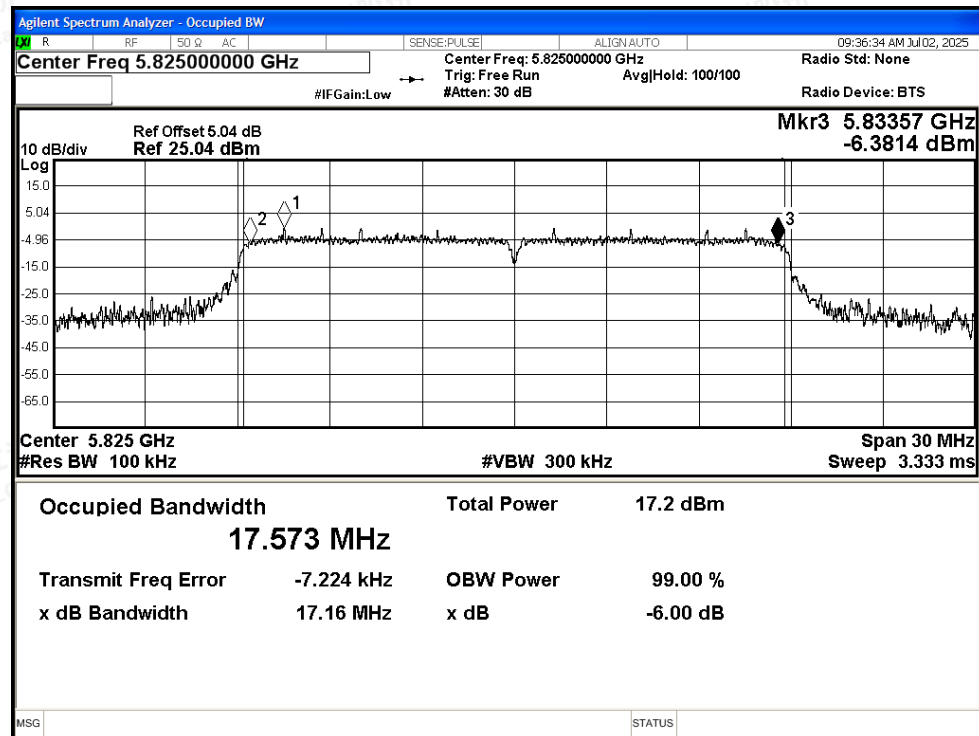
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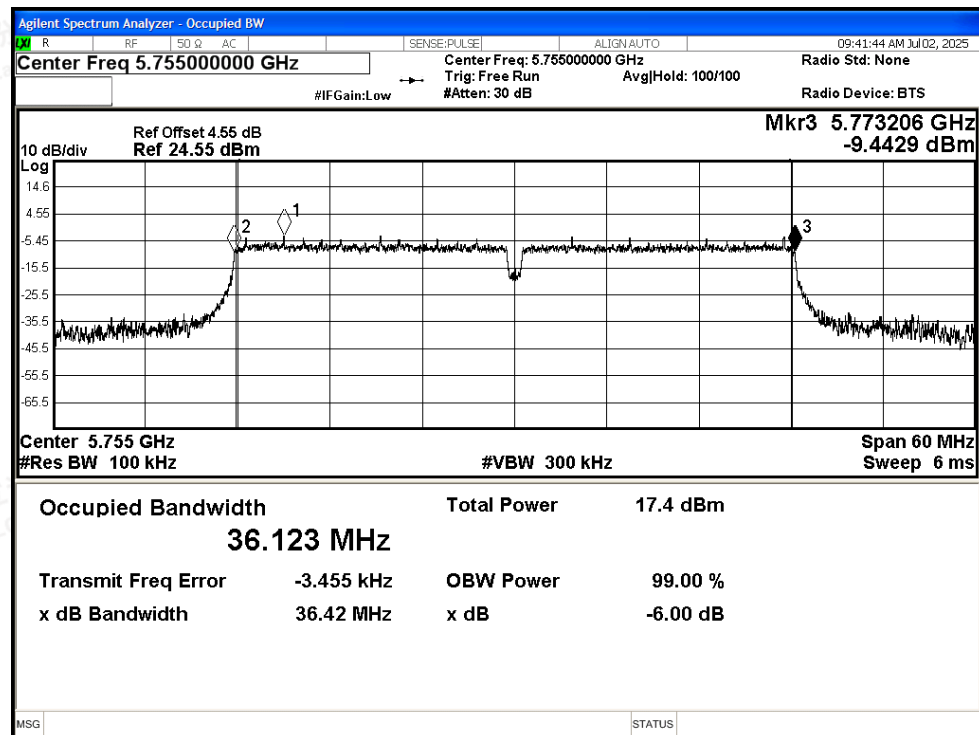
Scan code to check authenticity



-6dB Bandwidth NVNT ac20 5825MHz Ant1



-6dB Bandwidth NVNT ac40 5755MHz Ant1



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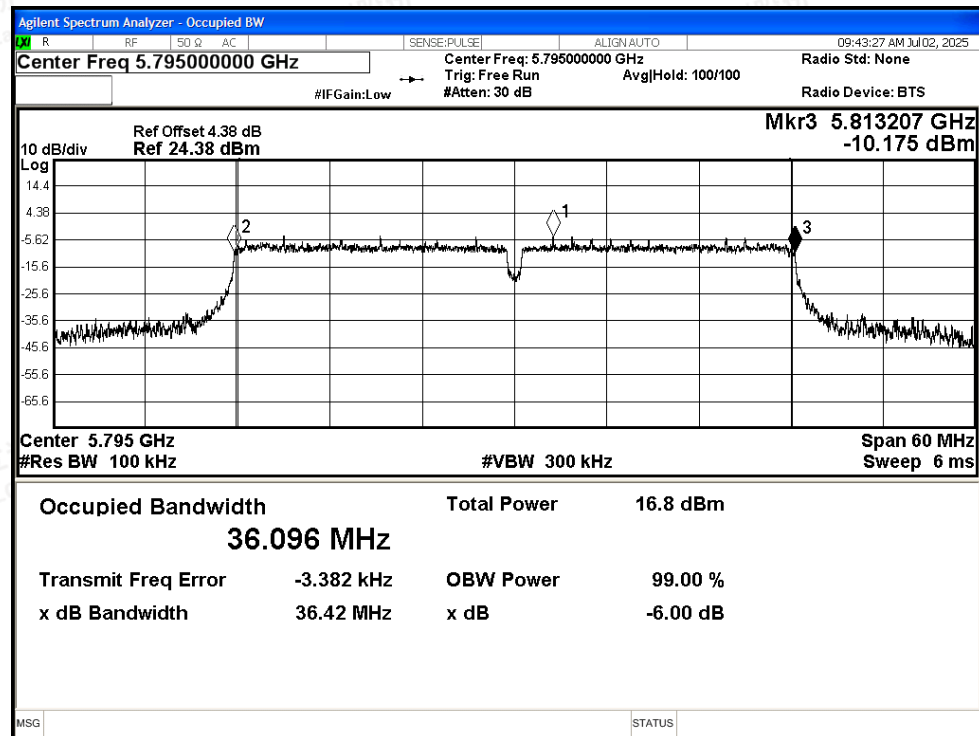
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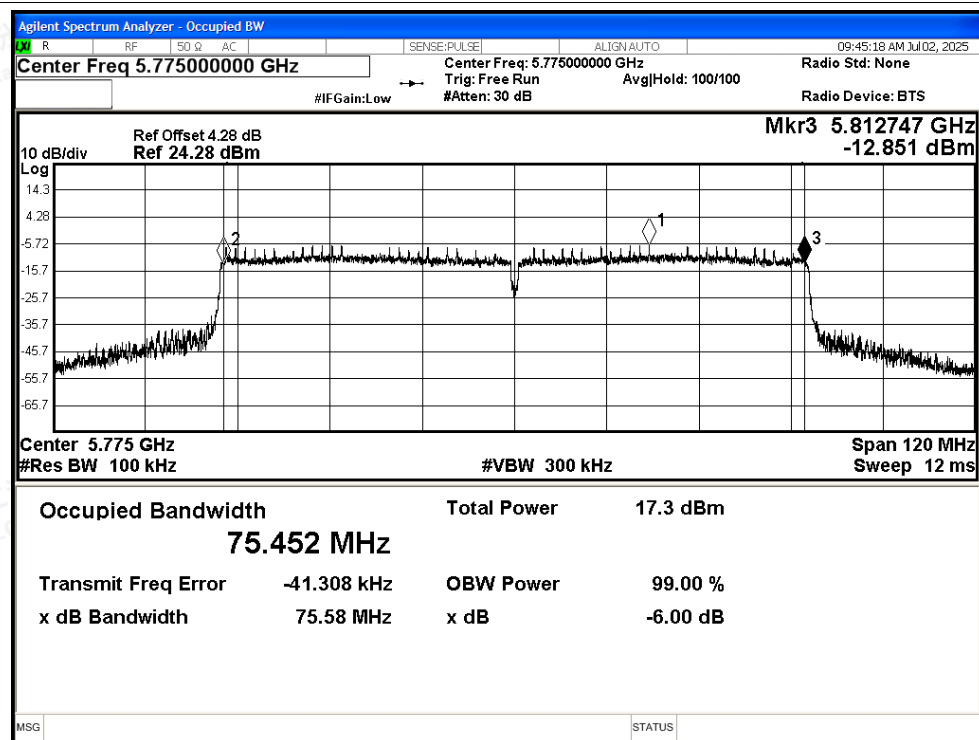
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-6dB Bandwidth NVNT ac40 5795MHz Ant1



-6dB Bandwidth NVNT ac80 5775MHz Ant1



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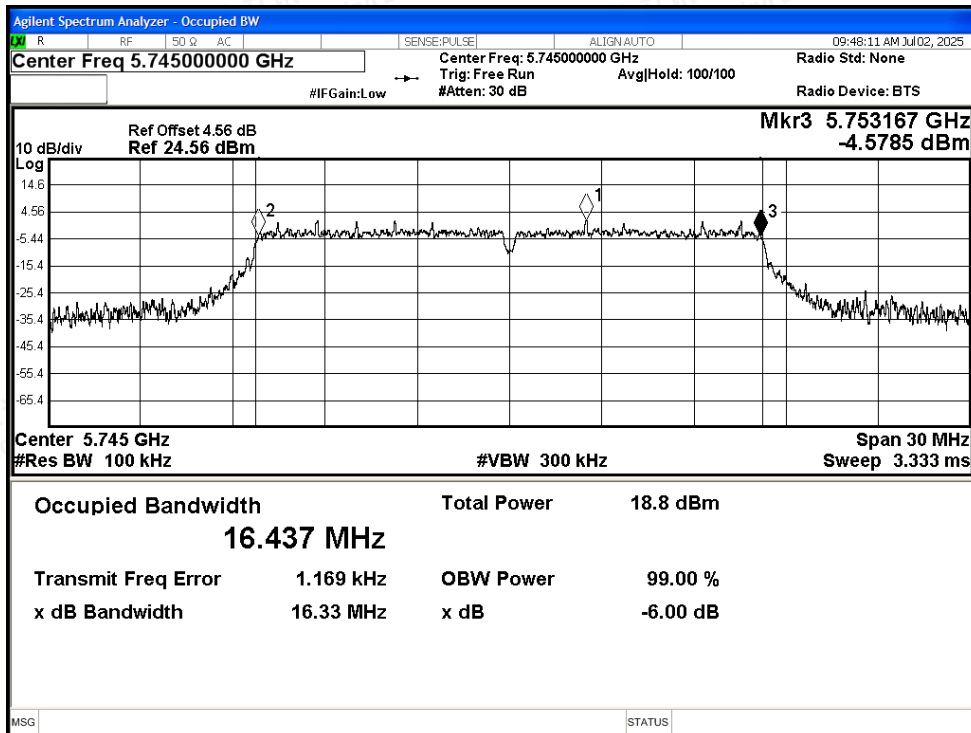
Condition	Mode	Frequency (MHz)	Antenna	-6 dB Bandwidth (MHz)	Limit -6 dB Bandwidth (MHz)	Verdict
NVNT	a	5745	Ant2	16.331	≥ 0.5	Pass
NVNT	a	5785	Ant2	16.346	≥ 0.5	Pass
NVNT	a	5825	Ant2	16.315	≥ 0.5	Pass
NVNT	n20	5745	Ant2	17.395	≥ 0.5	Pass
NVNT	n20	5785	Ant2	17.404	≥ 0.5	Pass
NVNT	n20	5825	Ant2	17.518	≥ 0.5	Pass
NVNT	n40	5755	Ant2	36.237	≥ 0.5	Pass
NVNT	n40	5795	Ant2	36.155	≥ 0.5	Pass
NVNT	ac20	5745	Ant2	17.389	≥ 0.5	Pass
NVNT	ac20	5785	Ant2	17.413	≥ 0.5	Pass
NVNT	ac20	5825	Ant2	17.554	≥ 0.5	Pass
NVNT	ac40	5755	Ant2	36.44	≥ 0.5	Pass
NVNT	ac40	5795	Ant2	36.299	≥ 0.5	Pass
NVNT	ac80	5775	Ant2	75.809	≥ 0.5	Pass



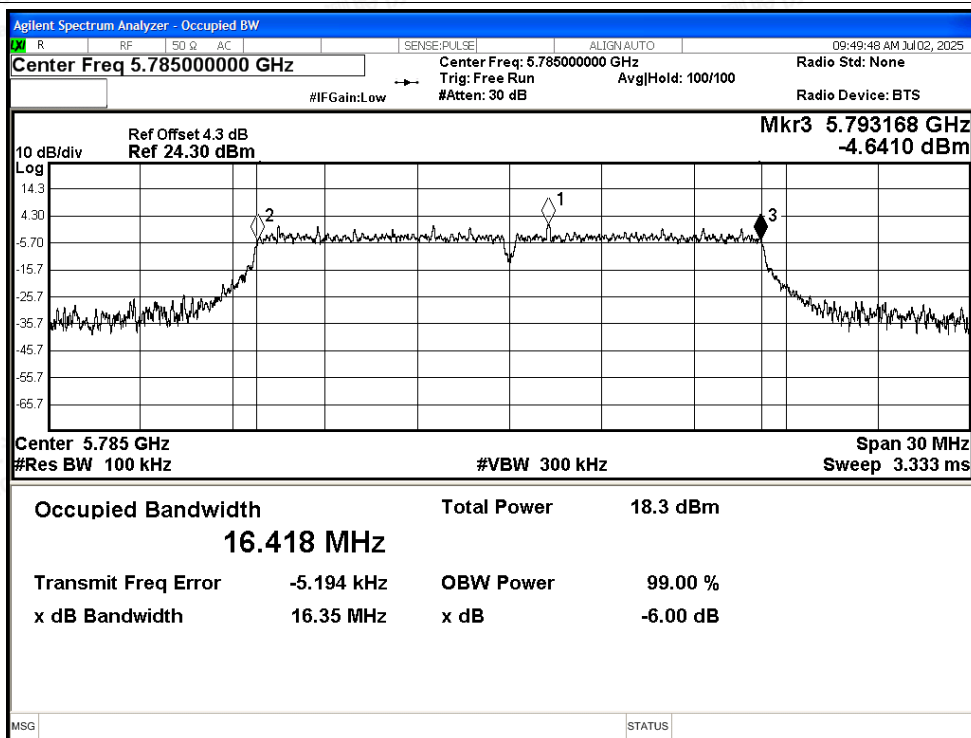


Test Graphs

-6dB Bandwidth NVNT a 5745MHz Ant2



-6dB Bandwidth NVNT a 5785MHz Ant2



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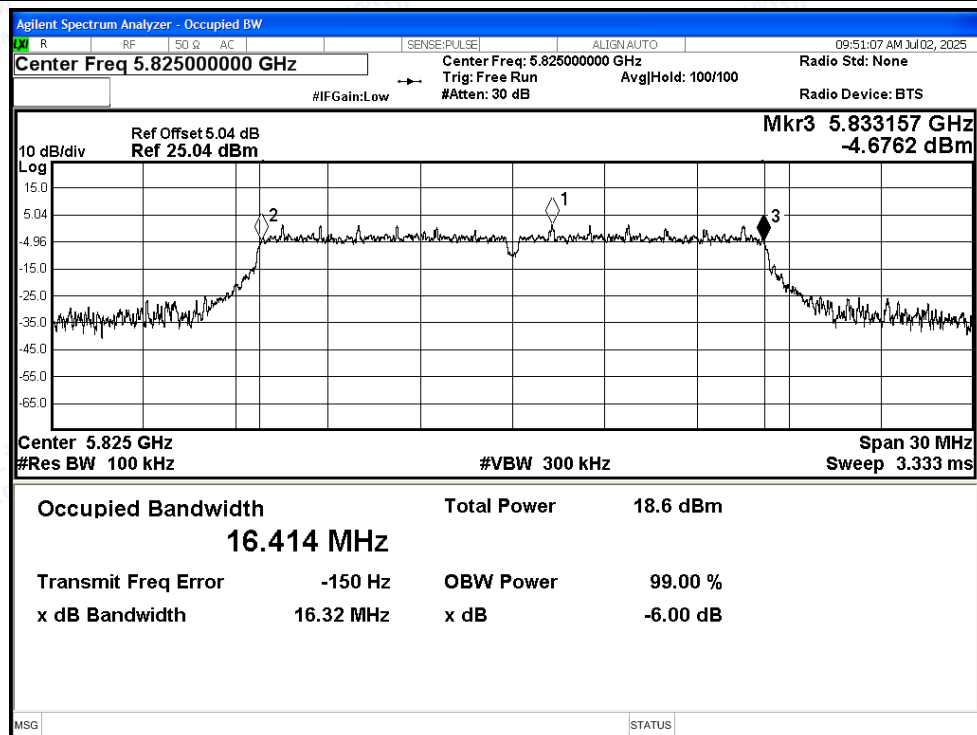
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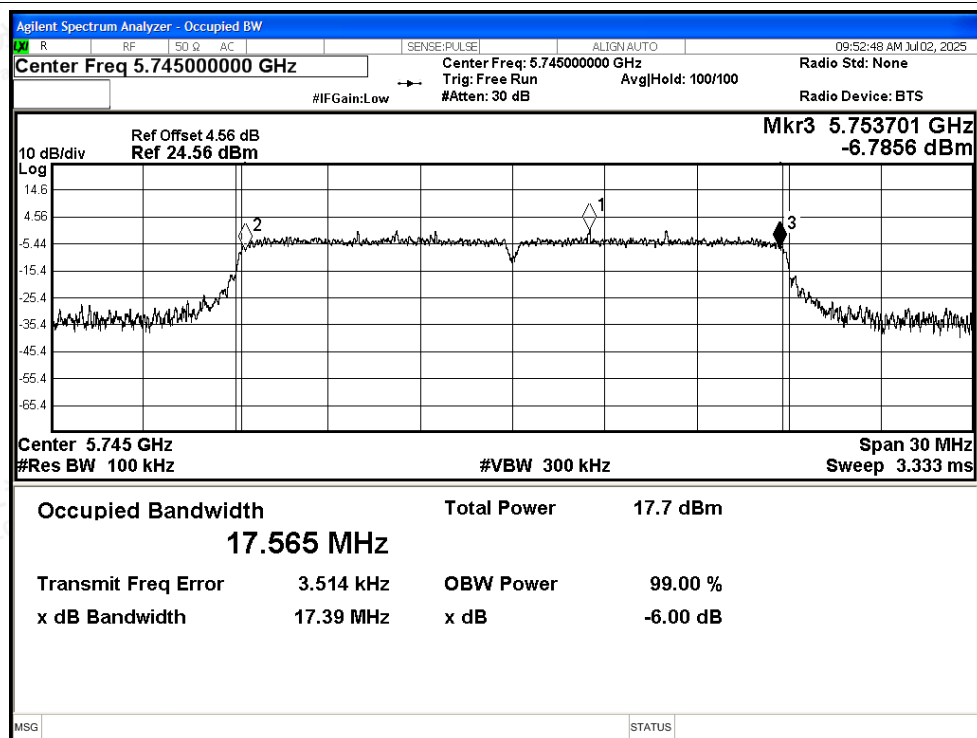
Scan code to check authenticity



-6dB Bandwidth NVNT a 5825MHz Ant2



-6dB Bandwidth NVNT n20 5745MHz Ant2



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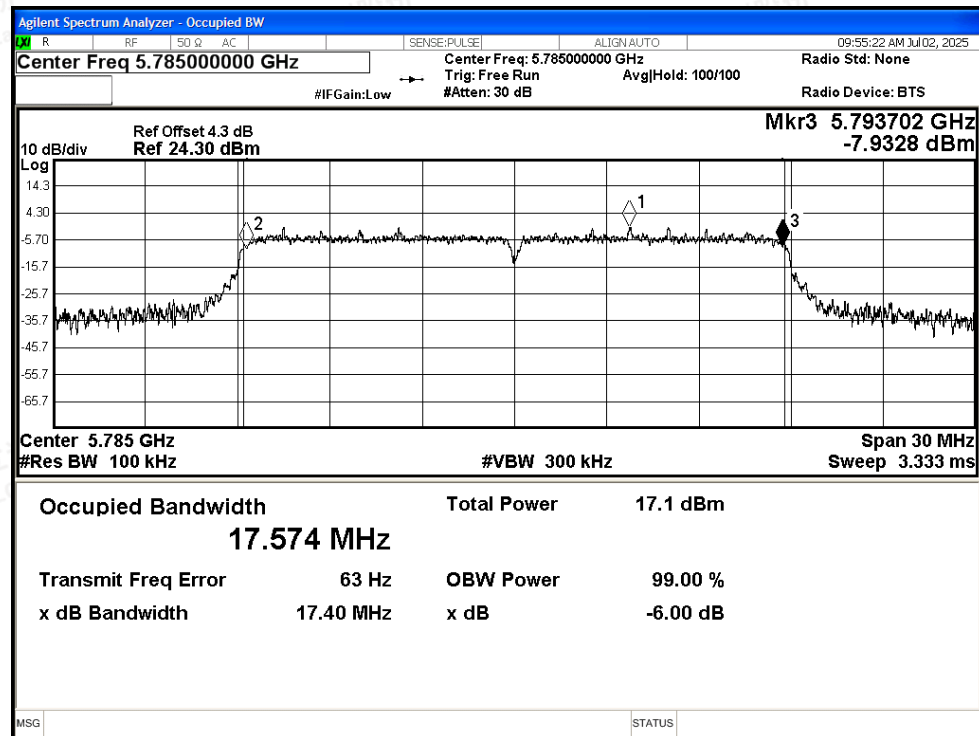
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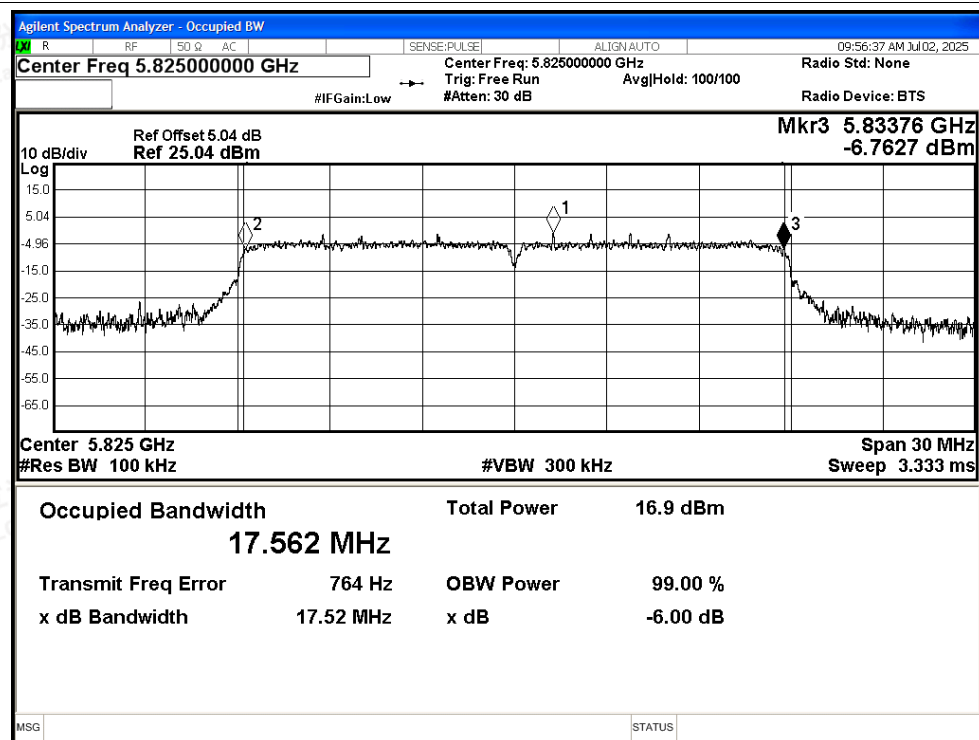
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-6dB Bandwidth NVNT n20 5785MHz Ant2



-6dB Bandwidth NVNT n20 5825MHz Ant2



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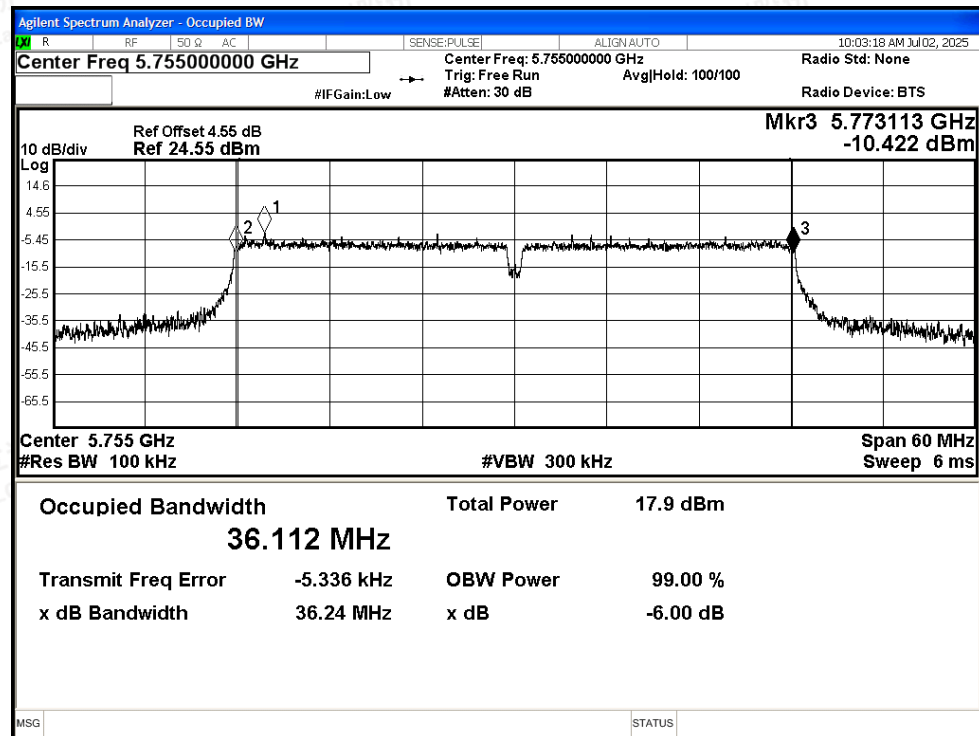
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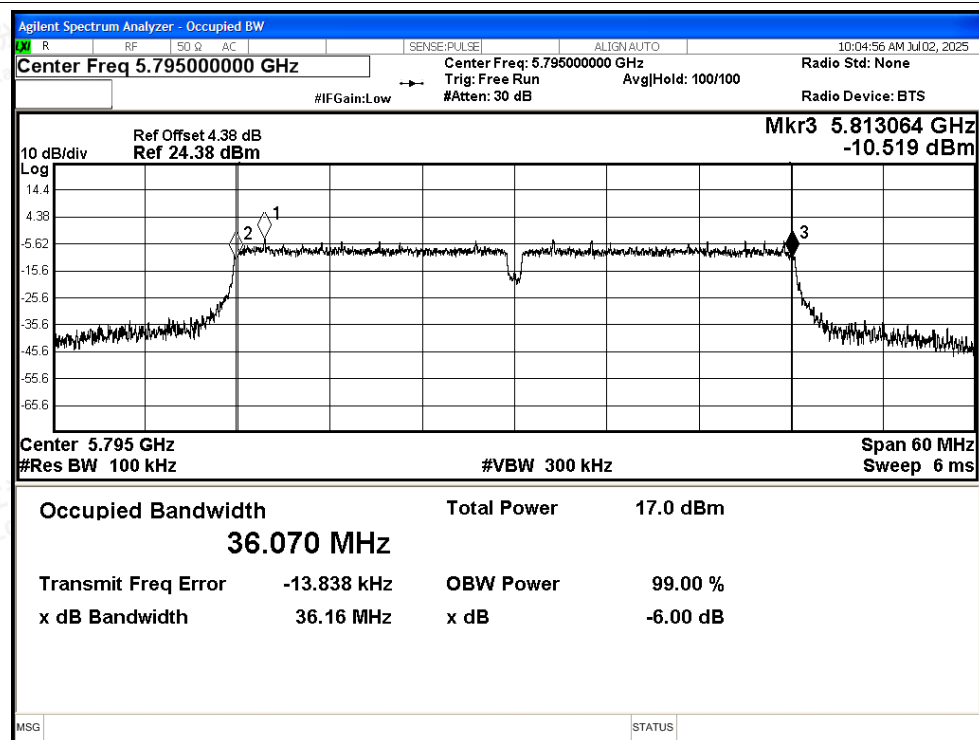
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-6dB Bandwidth NVNT n40 5755MHz Ant2



-6dB Bandwidth NVNT n40 5795MHz Ant2



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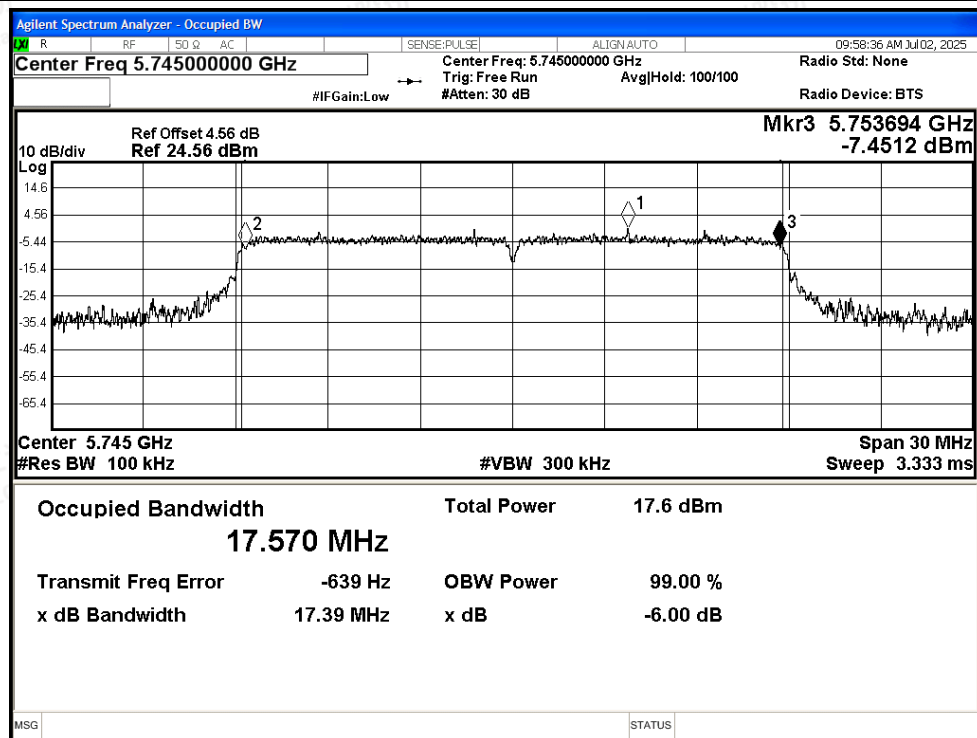
Add: 101, 201 Bldg A & 301 Bldg C, Juji Industrial Park Yabianxueziwei, Shajing Street, Baoan District, Shenzhen, 518000, China

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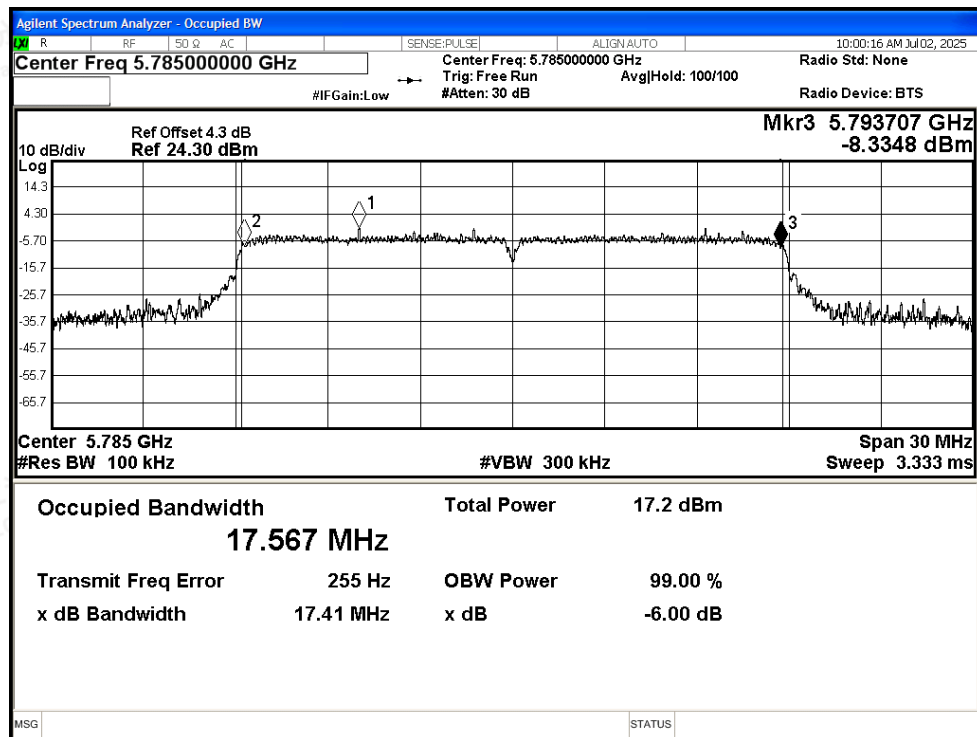
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-6dB Bandwidth NVNT ac20 5745MHz Ant2



-6dB Bandwidth NVNT ac20 5785MHz Ant2



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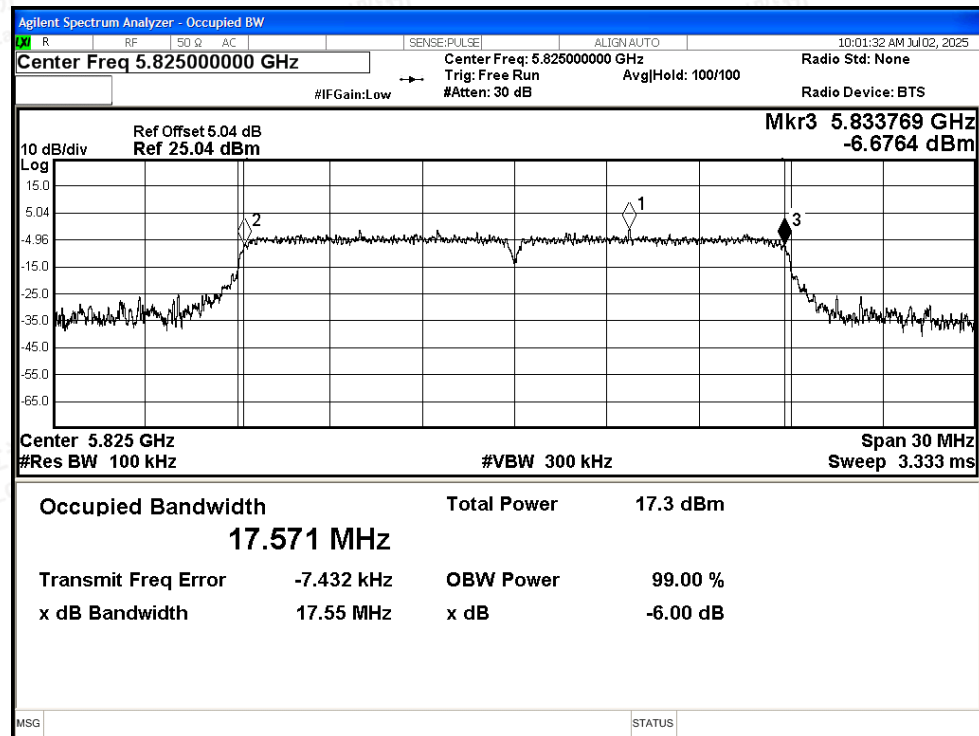
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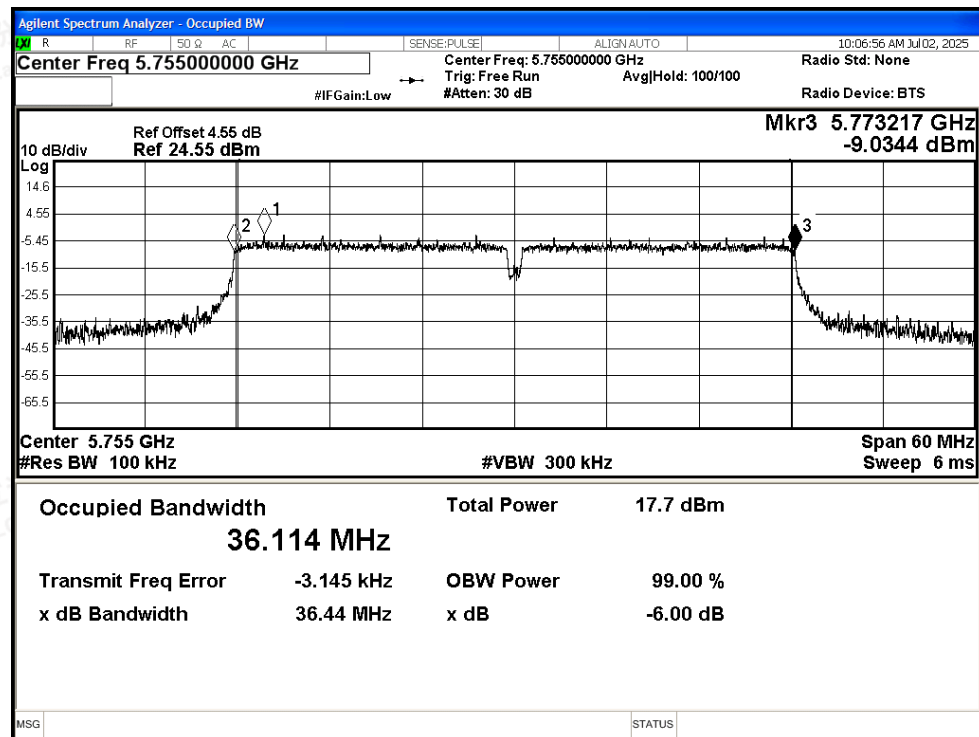
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-6dB Bandwidth NVNT ac20 5825MHz Ant2



-6dB Bandwidth NVNT ac40 5755MHz Ant2



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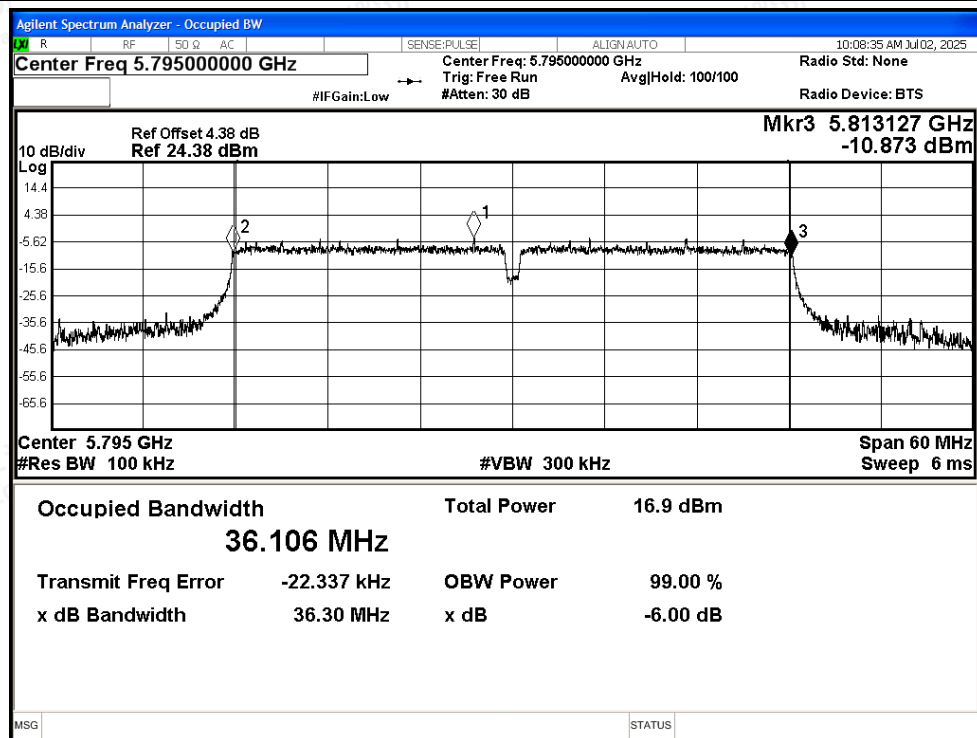
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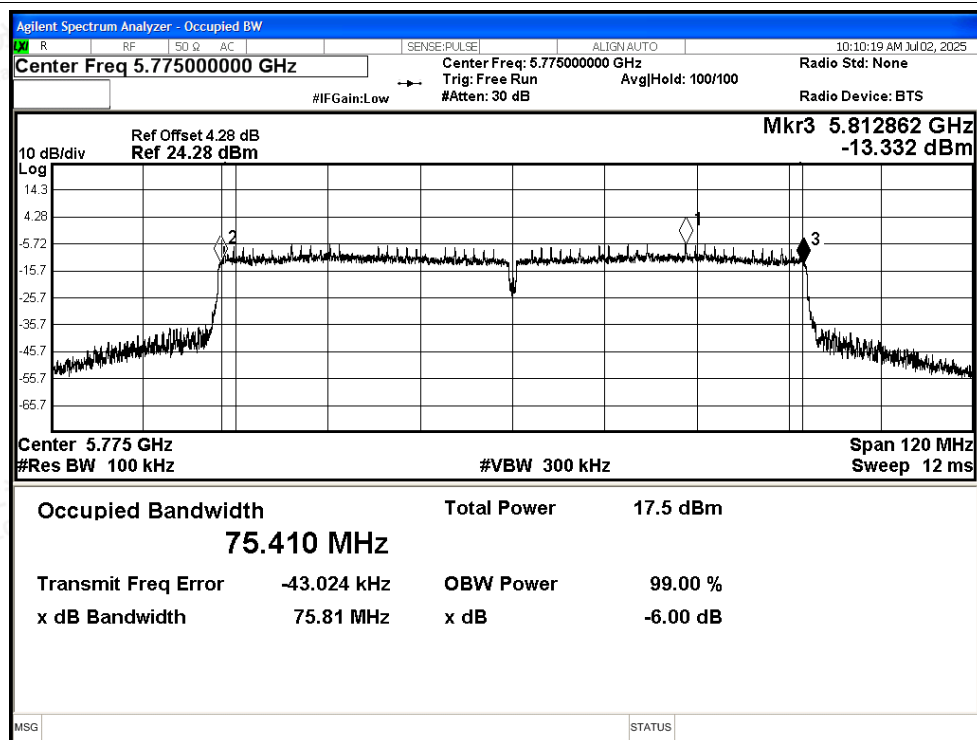
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-6dB Bandwidth NVNT ac40 5795MHz Ant2



-6dB Bandwidth NVNT ac80 5775MHz Ant2



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E.2 Maximum Peak Conducted Output Power

Condition	Mode	Frequency (MHz)	Antenna	Conducted Power (dBm)	Duty Factor (dB)	Total Power (dBm)	Limit (dBm)	Verdict
NVNT	a	5745	Ant1	12.8	0.24	13.04	30	Pass
NVNT	a	5785	Ant1	12.19	0.24	12.43	30	Pass
NVNT	a	5825	Ant1	12.46	0.24	12.7	30	Pass
NVNT	n20	5745	Ant1	11.28	0.12	11.4	30	Pass
NVNT	n20	5785	Ant1	10.81	0.12	10.93	30	Pass
NVNT	n20	5825	Ant1	11.01	0.12	11.13	30	Pass
NVNT	n40	5755	Ant1	10.91	0.24	11.15	30	Pass
NVNT	n40	5795	Ant1	10.28	0.24	10.52	30	Pass
NVNT	ac20	5745	Ant1	11.33	0.12	11.45	30	Pass
NVNT	ac20	5785	Ant1	10.8	0.12	10.92	30	Pass
NVNT	ac20	5825	Ant1	10.99	0.12	11.11	30	Pass
NVNT	ac40	5755	Ant1	10.86	0.24	11.1	30	Pass
NVNT	ac40	5795	Ant1	10.22	0.24	10.46	30	Pass
NVNT	ac80	5775	Ant1	10.03	0.47	10.5	30	Pass

Condition	Mode	Frequency (MHz)	Antenna	Conducted Power (dBm)	Duty Factor (dB)	Total Power (dBm)	Limit (dBm)	Verdict
NVNT	a	5745	Ant2	12.8	0.24	13.04	30	Pass
NVNT	a	5785	Ant2	12.23	0.24	12.47	30	Pass
NVNT	a	5825	Ant2	12.5	0.24	12.74	30	Pass
NVNT	n20	5745	Ant2	11.4	0.28	11.68	30	Pass
NVNT	n20	5785	Ant2	10.81	0.28	11.09	30	Pass
NVNT	n20	5825	Ant2	10.87	0.28	11.15	30	Pass
NVNT	n40	5755	Ant2	11.36	0.24	11.6	30	Pass
NVNT	n40	5795	Ant2	10.42	0.24	10.66	30	Pass
NVNT	ac20	5745	Ant2	11.21	0.12	11.33	30	Pass
NVNT	ac20	5785	Ant2	11.11	0.12	11.23	30	Pass
NVNT	ac20	5825	Ant2	11.18	0.12	11.3	30	Pass
NVNT	ac40	5755	Ant2	11.13	0.24	11.37	30	Pass
NVNT	ac40	5795	Ant2	10.37	0.24	10.61	30	Pass
NVNT	ac80	5775	Ant2	10.22	0.47	10.69	30	Pass



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MIMO

Condition	Mode	Frequency (MHz)	Conducted Power (dBm)			Limit (dBm)	Verdict
			Ant1	Ant2	Ant1+Ant2		
NVNT	n20	5745	11.4	11.68	14.55	30	Pass
NVNT	n20	5785	10.93	11.09	14.02	30	Pass
NVNT	n20	5825	11.13	11.15	14.15	30	Pass
NVNT	n40	5755	11.15	11.6	14.39	30	Pass
NVNT	n40	5795	10.52	10.66	13.60	30	Pass
NVNT	ac20	5745	11.45	11.33	14.40	30	Pass
NVNT	ac20	5785	10.92	11.23	14.09	30	Pass
NVNT	ac20	5825	11.11	11.3	14.22	30	Pass
NVNT	ac40	5755	11.1	11.37	14.25	30	Pass
NVNT	ac40	5795	10.46	10.61	13.55	30	Pass
NVNT	ac80	5775	10.5	10.69	13.61	30	Pass





E.3 Maximum Power Spectral Density Level

Condition	Mode	Frequency (MHz)	Antenna	Conducted PSD (dBm/500KHz)	Duty Factor (dB)	Total PSD (dBm/500KHz)	Limit (dBm/500KHz)	Verdict
NVNT	a	5745	Ant1	-0.7	0.24	-0.46	30	Pass
NVNT	a	5785	Ant1	-1.17	0.24	-0.93	30	Pass
NVNT	a	5825	Ant1	-1.22	0.24	-0.98	30	Pass
NVNT	n20	5745	Ant1	-2.53	0.12	-2.41	30	Pass
NVNT	n20	5785	Ant1	-3.03	0.12	-2.91	30	Pass
NVNT	n20	5825	Ant1	-2.79	0.12	-2.67	30	Pass
NVNT	n40	5755	Ant1	-5.78	0.24	-5.54	30	Pass
NVNT	n40	5795	Ant1	-6.56	0.24	-6.32	30	Pass
NVNT	ac20	5745	Ant1	-2.3	0.12	-2.18	30	Pass
NVNT	ac20	5785	Ant1	-3.27	0.12	-3.15	30	Pass
NVNT	ac20	5825	Ant1	-2.81	0.12	-2.69	30	Pass
NVNT	ac40	5755	Ant1	-5.73	0.24	-5.49	30	Pass
NVNT	ac40	5795	Ant1	-6.52	0.24	-6.28	30	Pass
NVNT	ac80	5775	Ant1	-9.4	0.47	-8.93	30	Pass

Condition	Mode	Frequency (MHz)	Antenna	Conducted PSD (dBm/500KHz)	Duty Factor (dB)	Total PSD (dBm/500KHz)	Limit (dBm/500KHz)	Verdict
NVNT	a	5745	Ant2	-0.48	0.24	-0.24	30	Pass
NVNT	a	5785	Ant2	-1.4	0.24	-1.16	30	Pass
NVNT	a	5825	Ant2	-1.15	0.24	-0.91	30	Pass
NVNT	n20	5745	Ant2	-2.41	0.28	-2.13	30	Pass
NVNT	n20	5785	Ant2	-3.03	0.28	-2.75	30	Pass
NVNT	n20	5825	Ant2	-3.24	0.28	-2.96	30	Pass
NVNT	n40	5755	Ant2	-5.45	0.24	-5.21	30	Pass
NVNT	n40	5795	Ant2	-6.6	0.24	-6.36	30	Pass
NVNT	ac20	5745	Ant2	-2.21	0.12	-2.09	30	Pass
NVNT	ac20	5785	Ant2	-2.69	0.12	-2.57	30	Pass
NVNT	ac20	5825	Ant2	-2.56	0.12	-2.44	30	Pass
NVNT	ac40	5755	Ant2	-5.58	0.24	-5.34	30	Pass
NVNT	ac40	5795	Ant2	-6.56	0.24	-6.32	30	Pass
NVNT	ac80	5775	Ant2	-9.45	0.47	-8.98	30	Pass



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MIMO

Condition	Mode	Frequency (MHz)	Total PSD (dBm/500KHz)			Limit (dBm/500KHz)	Verdict
			Ant1	Ant2	Ant1+Ant2		
NVNT	n20	5745	-2.41	-2.13	0.74	30	Pass
NVNT	n20	5785	-2.91	-2.75	0.18	30	Pass
NVNT	n20	5825	-2.67	-2.96	0.20	30	Pass
NVNT	n40	5755	-5.54	-5.21	-2.36	30	Pass
NVNT	n40	5795	-6.32	-6.36	-3.33	30	Pass
NVNT	ac20	5745	-2.18	-2.09	0.88	30	Pass
NVNT	ac20	5785	-3.15	-2.57	0.16	30	Pass
NVNT	ac20	5825	-2.69	-2.44	0.45	30	Pass
NVNT	ac40	5755	-5.49	-5.34	-2.40	30	Pass
NVNT	ac40	5795	-6.28	-6.32	-3.29	30	Pass
NVNT	ac80	5775	-8.93	-8.98	-5.94	30	Pass

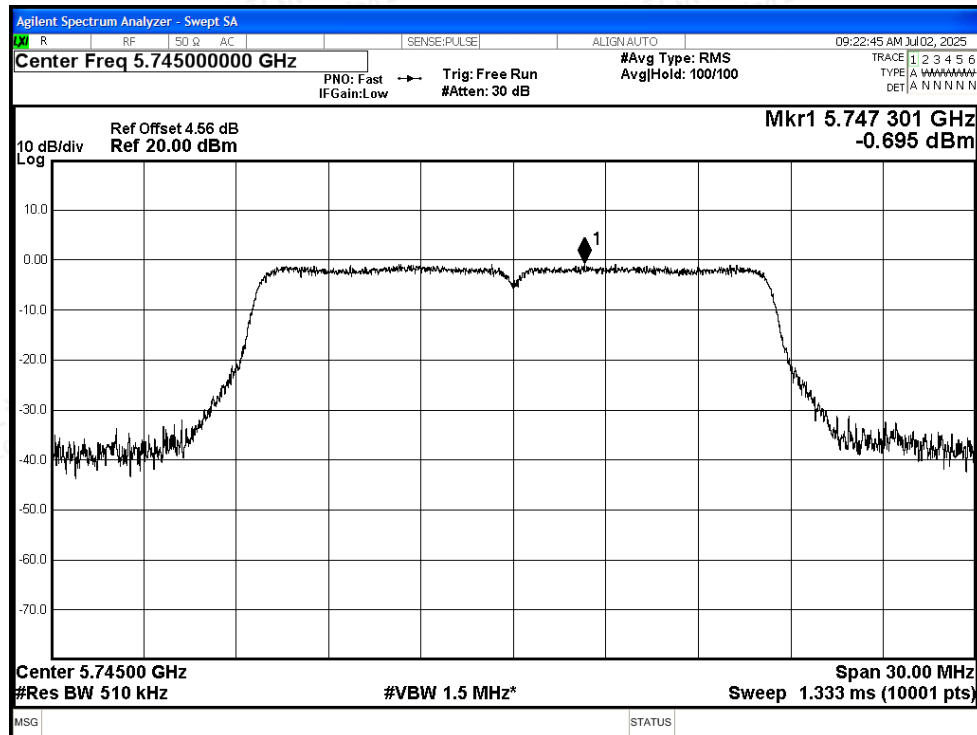


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Tel: +(86) 0755-82591330 | E-mail: webmaster@lcs-cert.com | Web: www.lcs-cert.com
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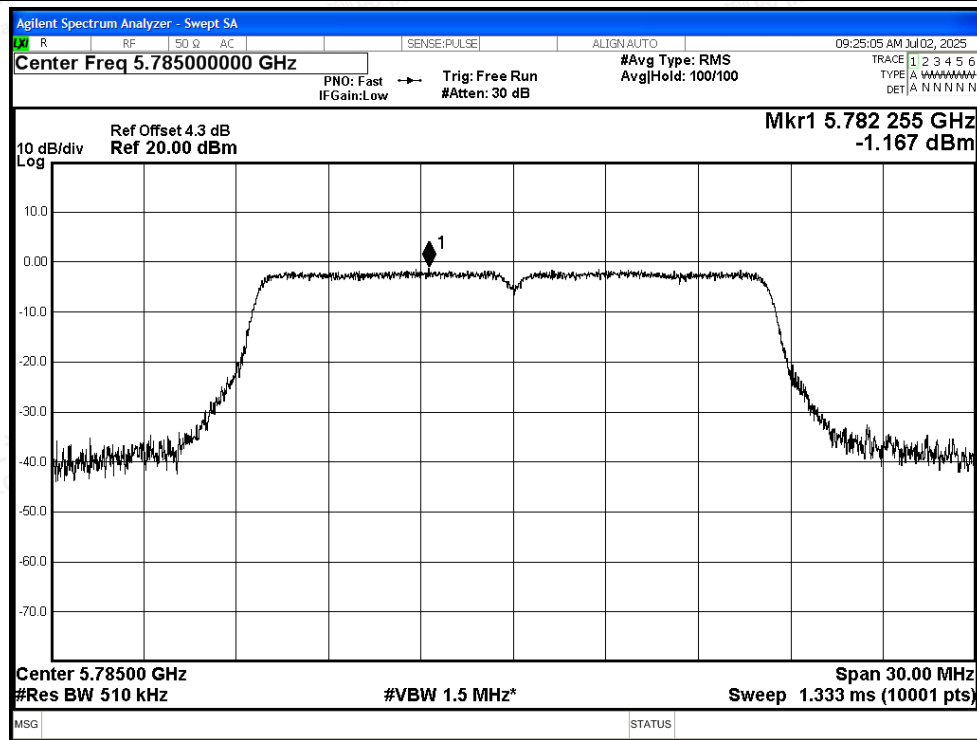


Test Graphs

PSD NVNT a 5745MHz Ant1



PSD NVNT a 5785MHz Ant1



Shenzhen LCS Compliance Testing Laboratory Ltd.

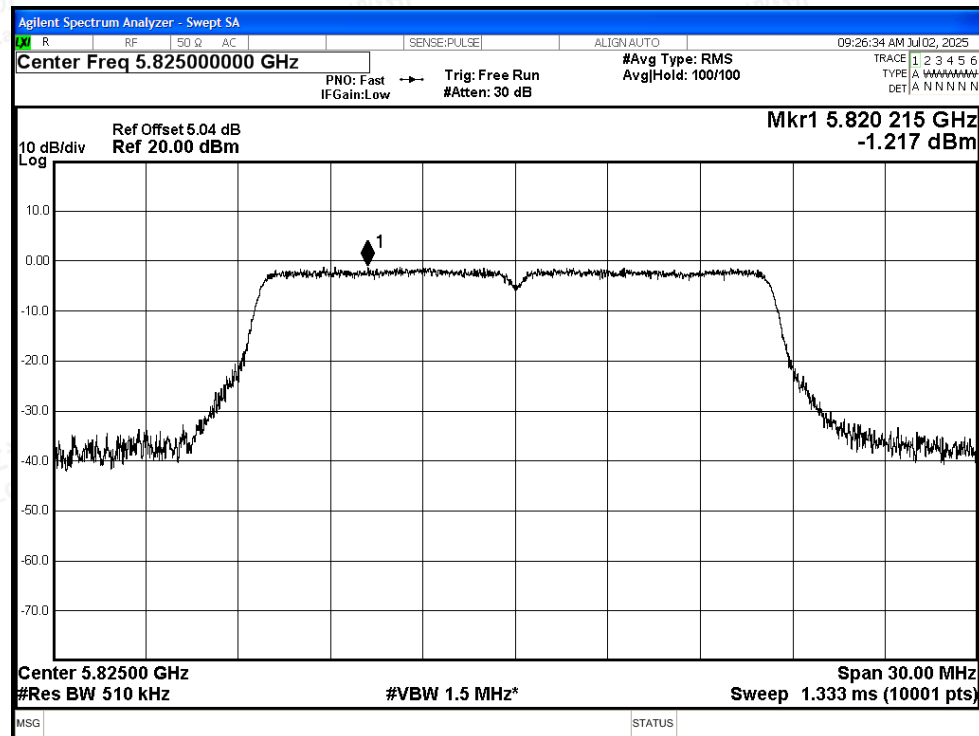
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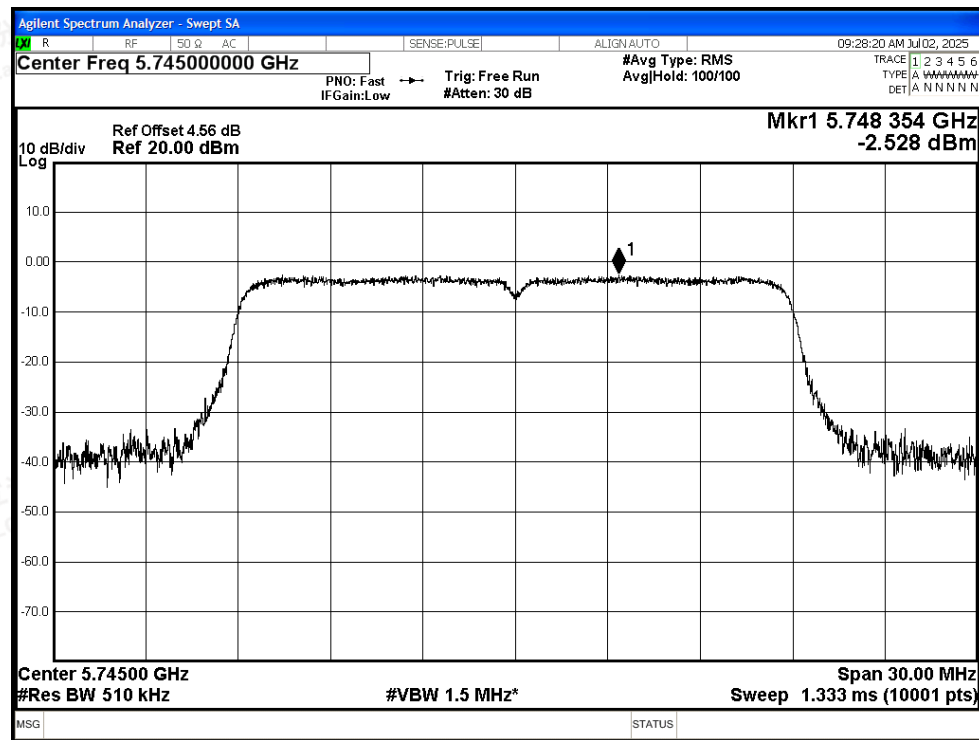
Scan code to check authenticity



PSD NVNT a 5825MHz Ant1



PSD NVNT n20 5745MHz Ant1

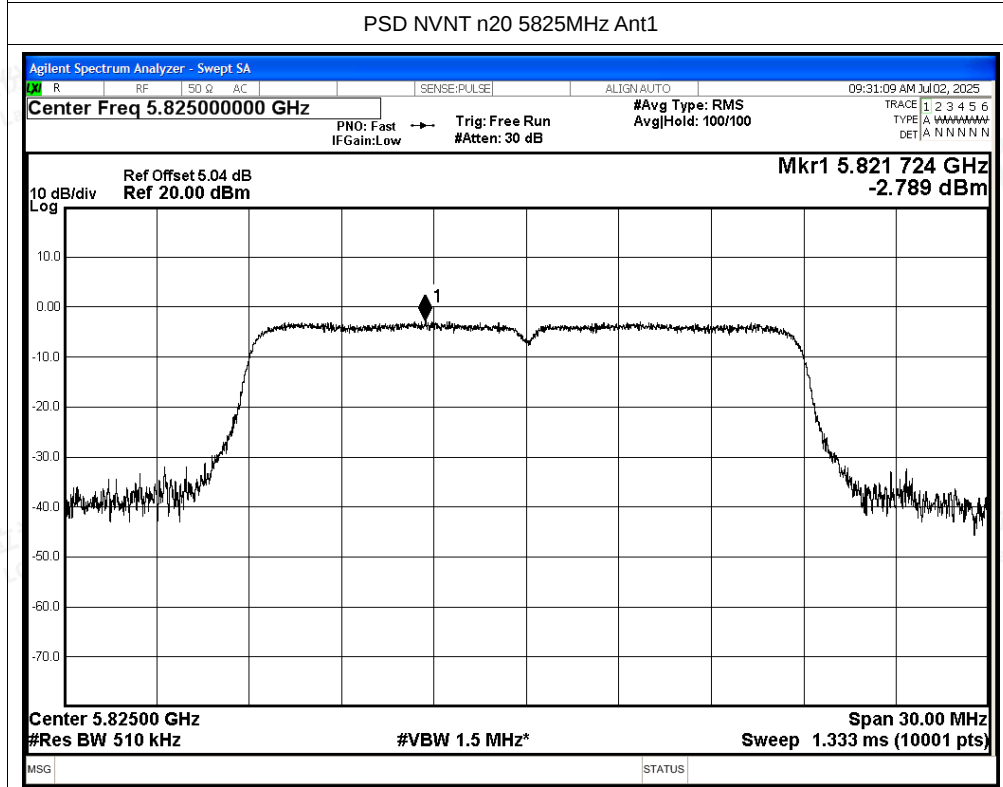
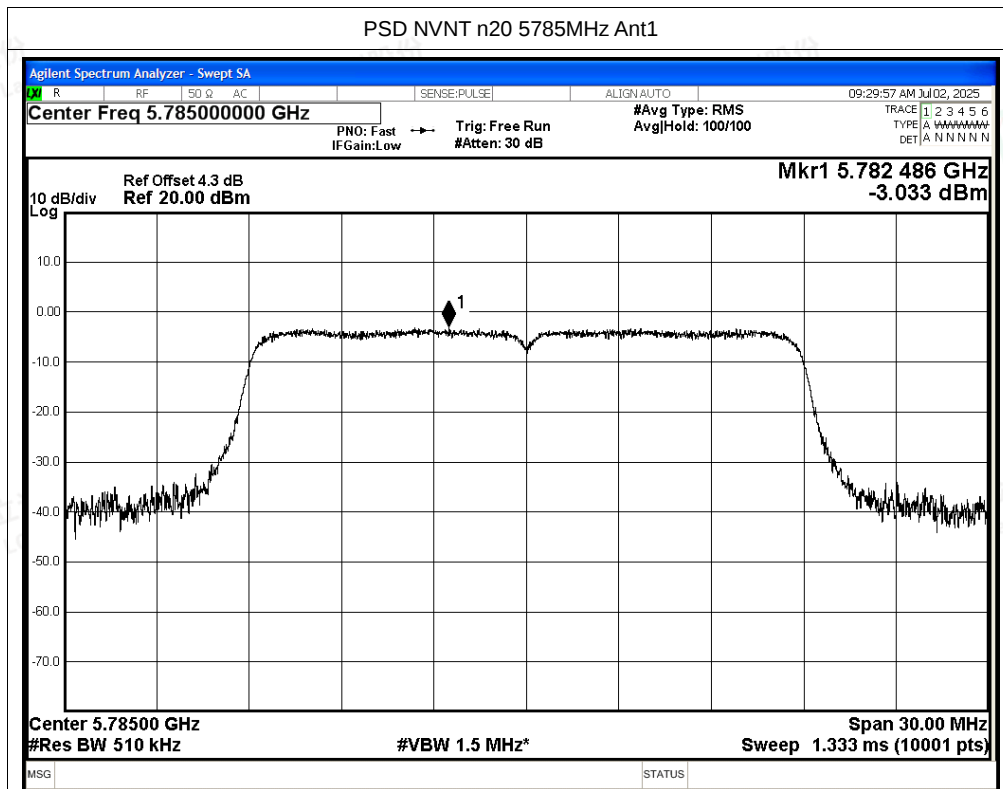


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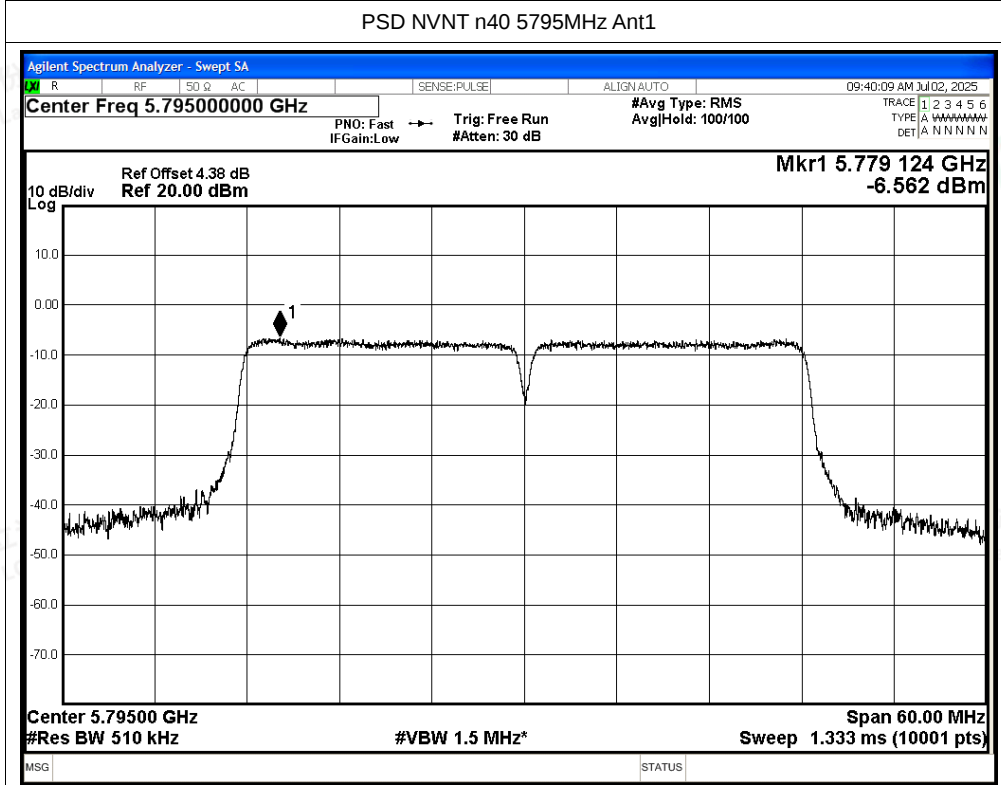
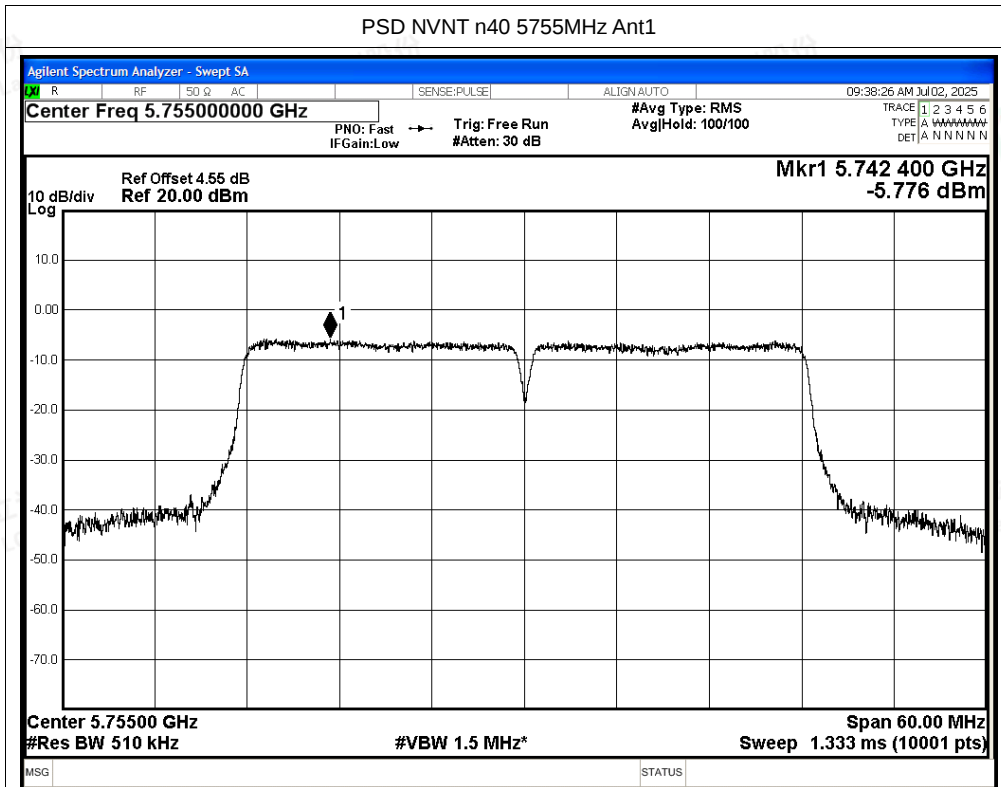


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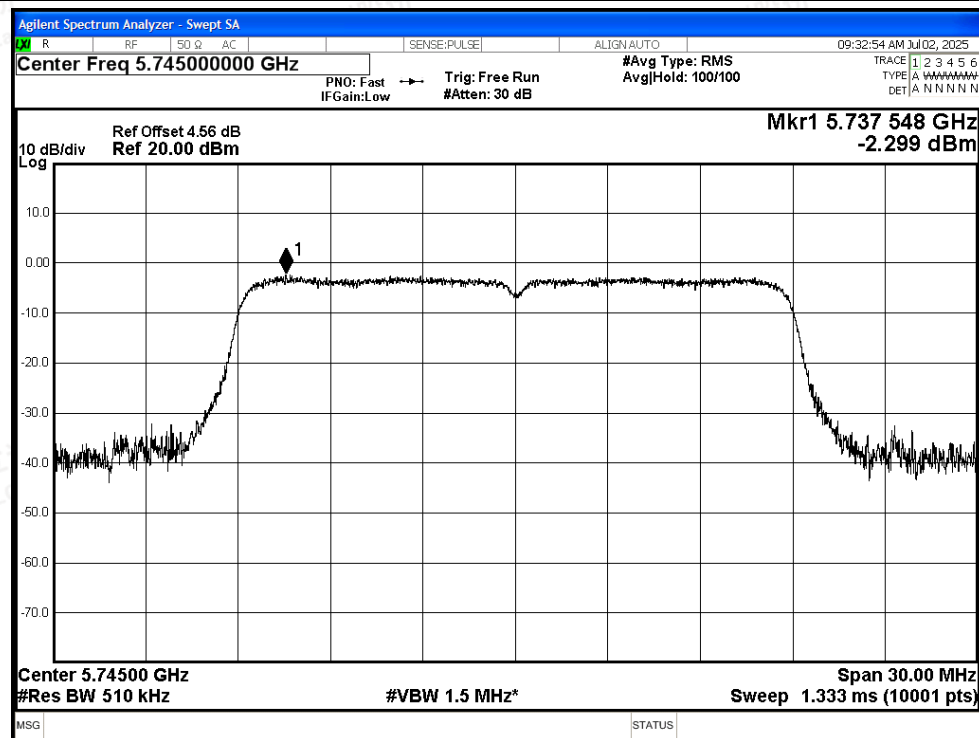
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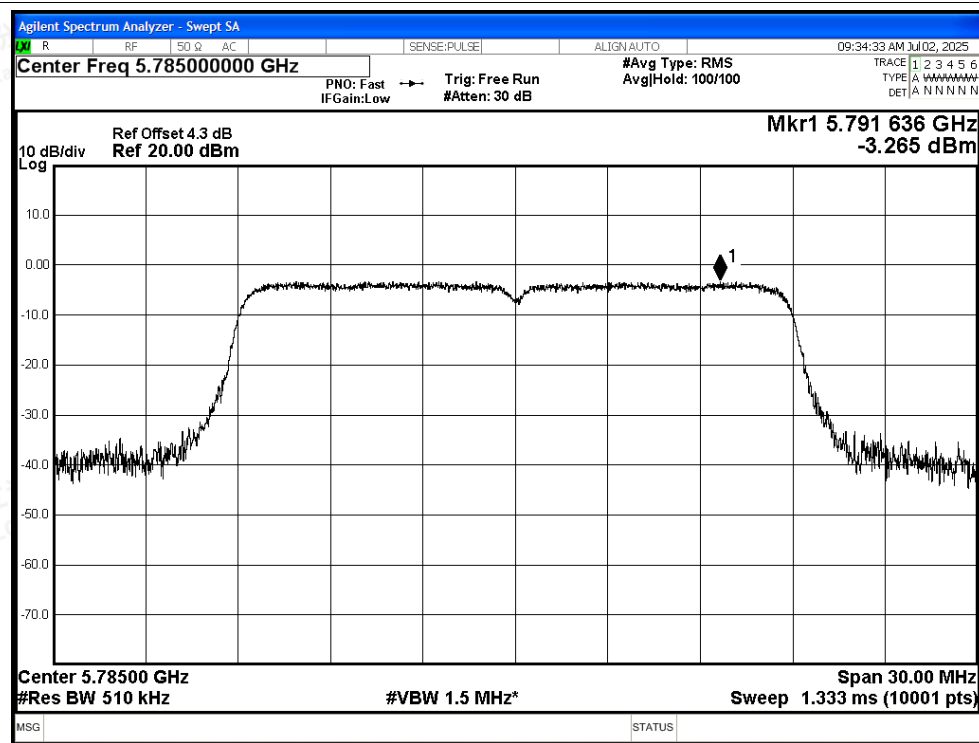
Scan code to check authenticity



PSD NVNT ac20 5745MHz Ant1



PSD NVNT ac20 5785MHz Ant1



Shenzhen LCS Compliance Testing Laboratory Ltd.

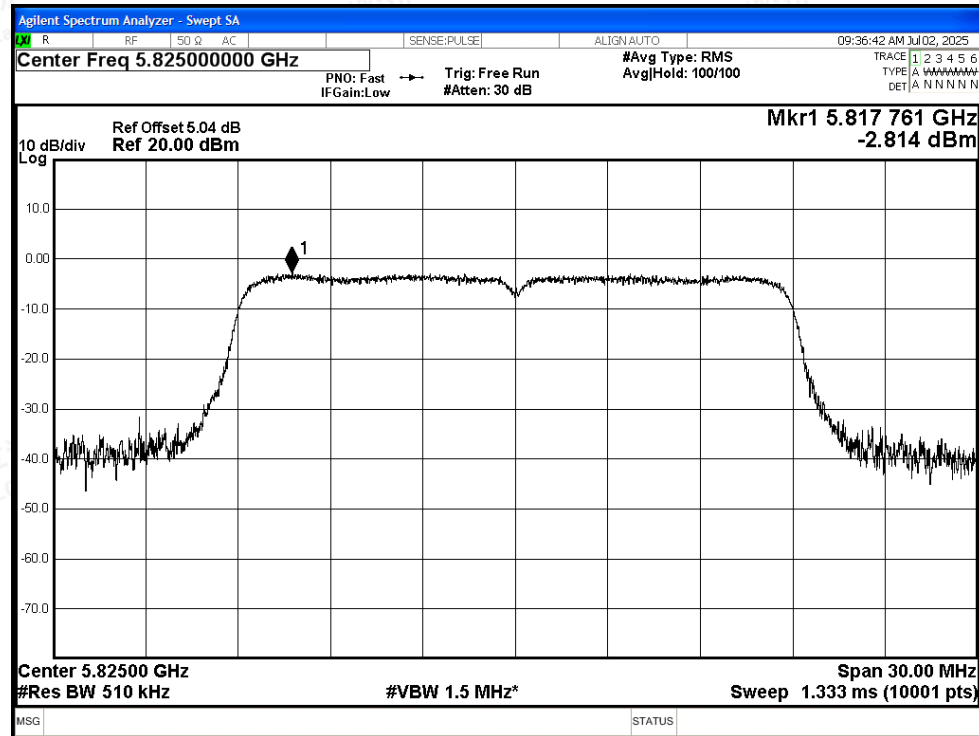
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Tel: +(86) 0755-82591330 | E-mail: webmaster@lcs-cert.com | Web: www.lcs-cert.com

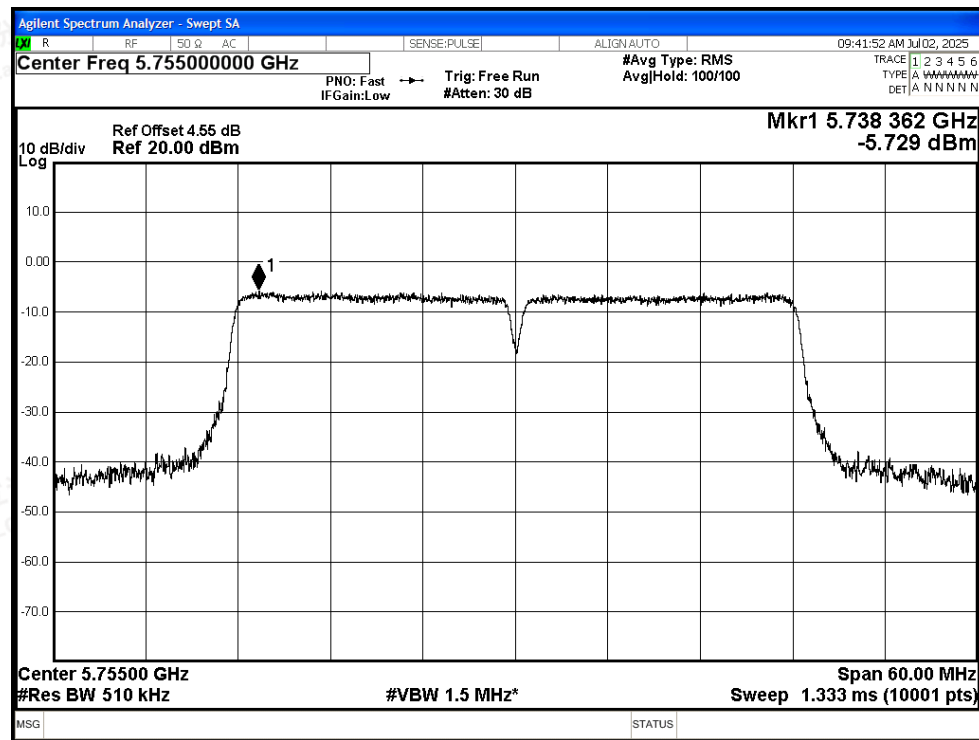
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PSD NVNT ac20 5825MHz Ant1



PSD NVNT ac40 5755MHz Ant1



Shenzhen LCS Compliance Testing Laboratory Ltd.

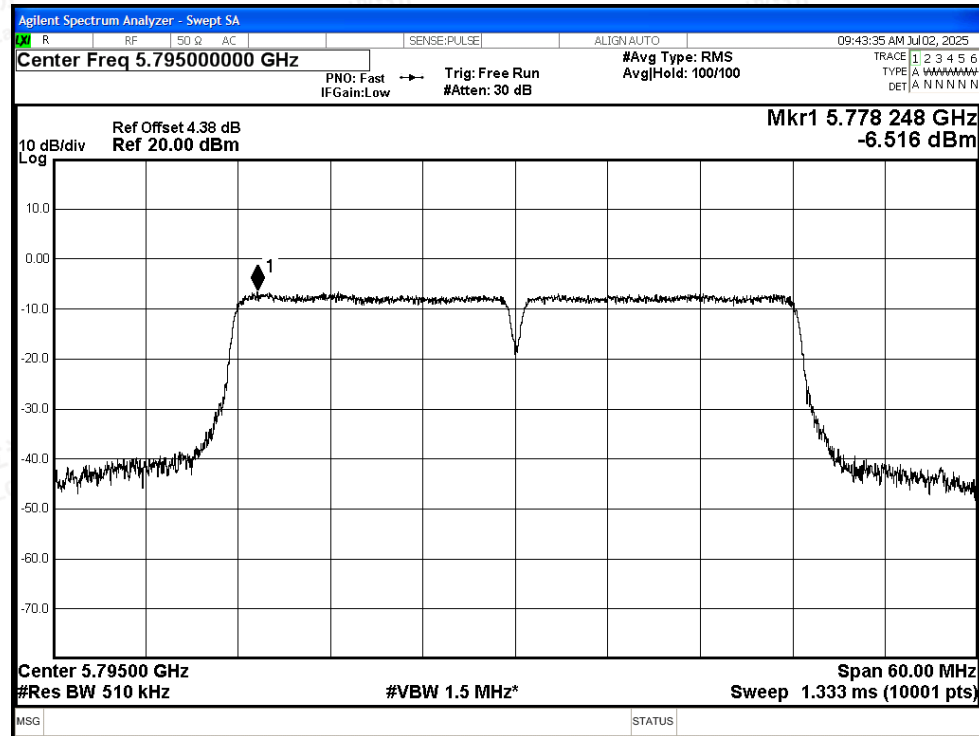
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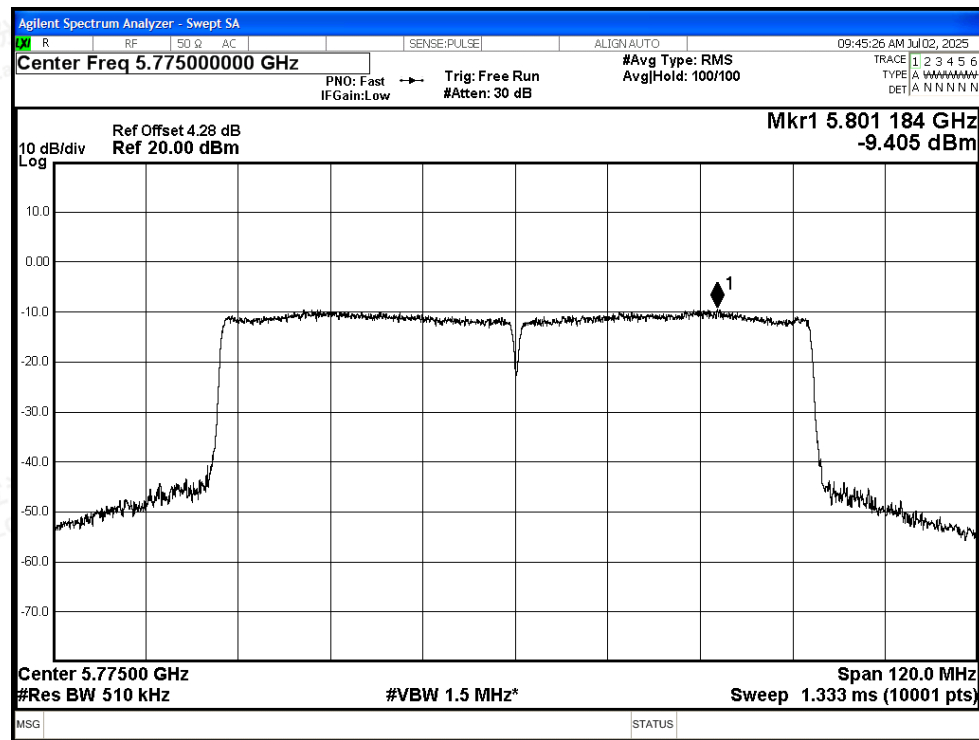
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PSD NVNT ac40 5795MHz Ant1



PSD NVNT ac80 5775MHz Ant1



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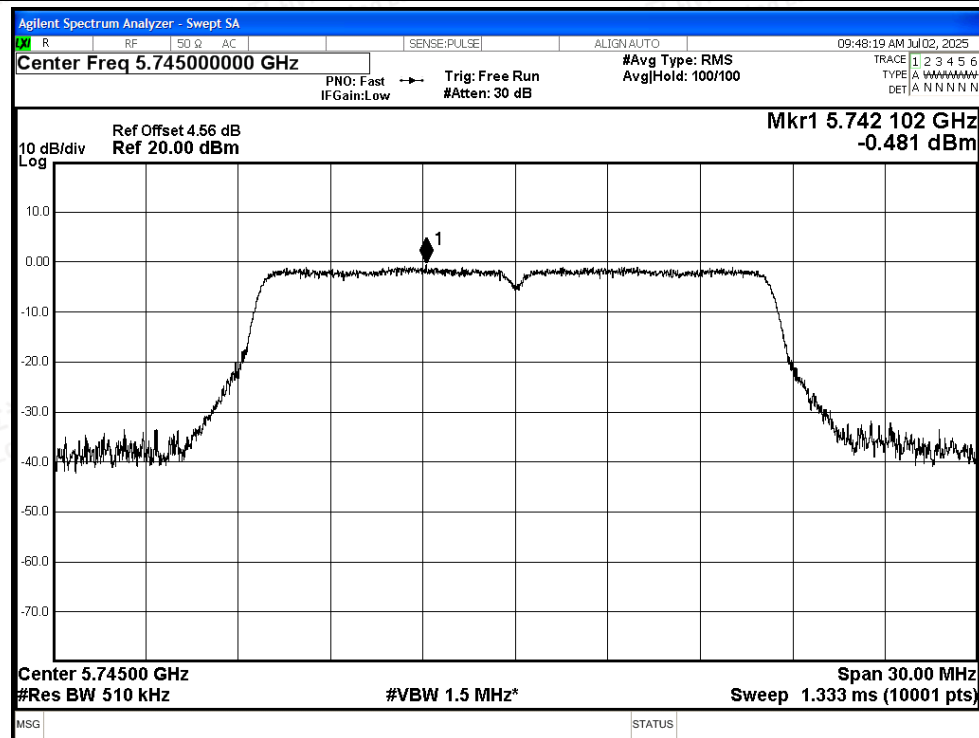
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Tel: +(86) 0755-82591330 | E-mail: webmaster@lcs-cert.com | Web: www.lcs-cert.com

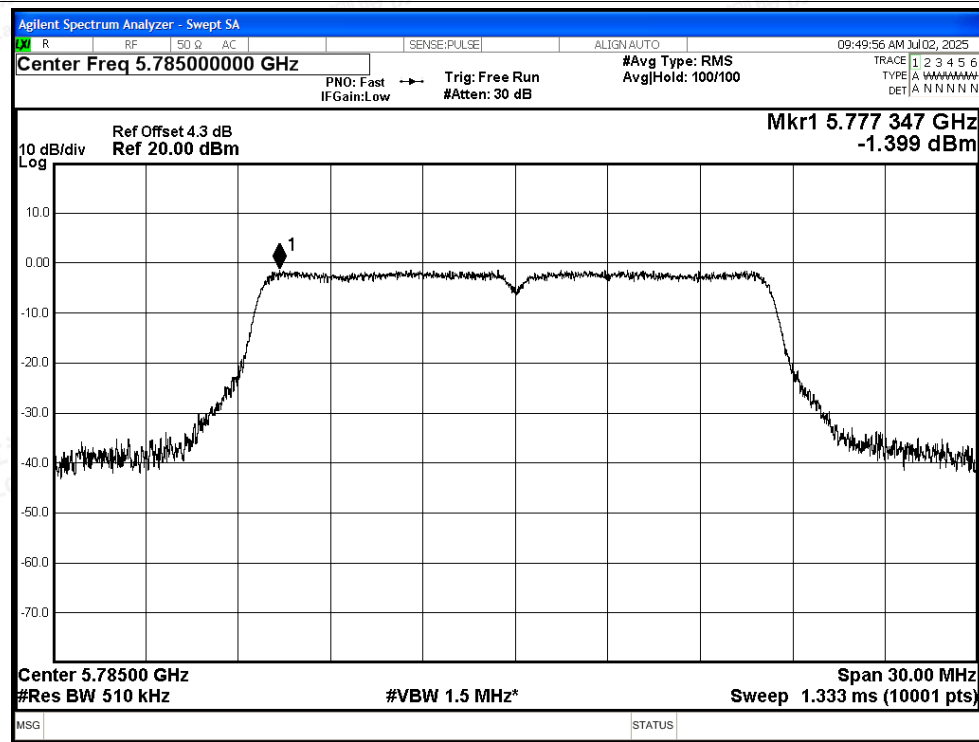
Scan code to check authenticity



PSD NVNT a 5745MHz Ant2



PSD NVNT a 5785MHz Ant2



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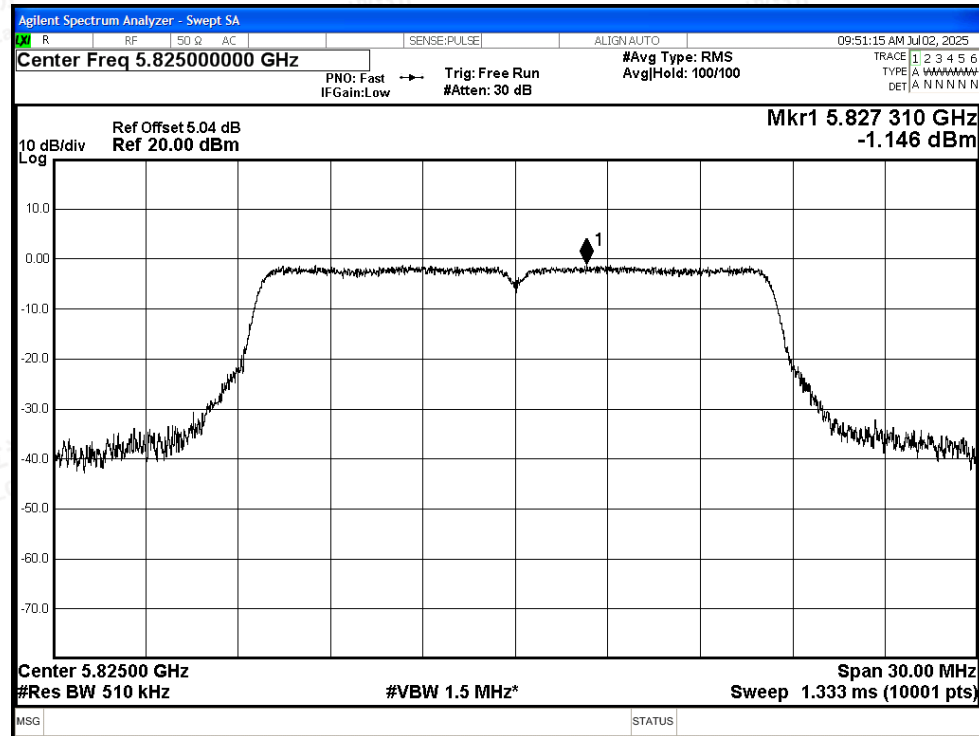
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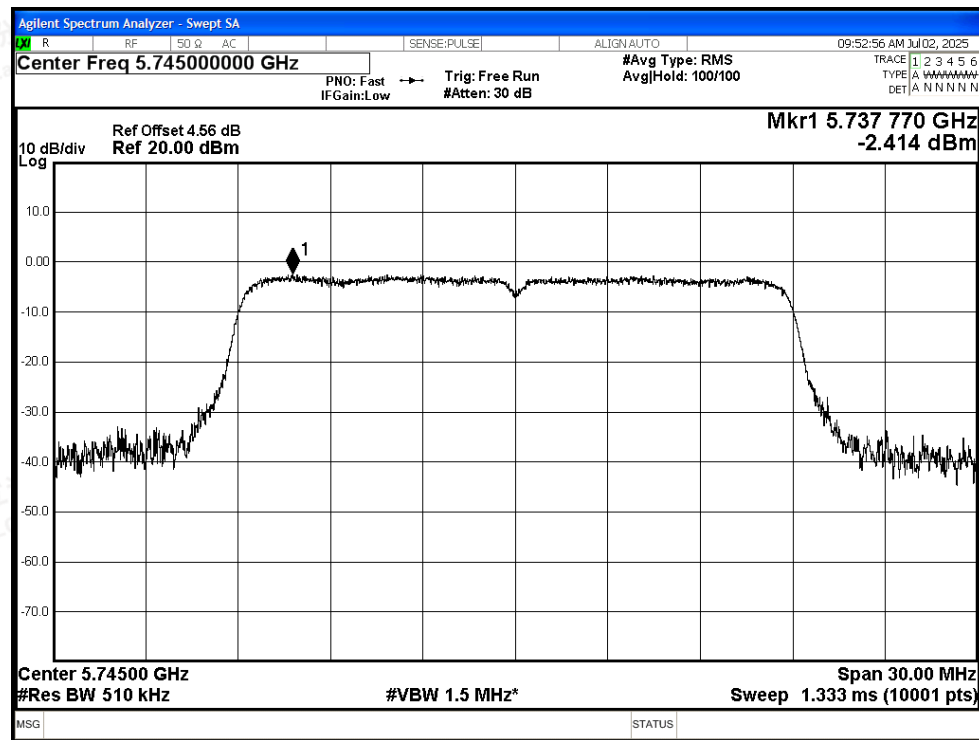
Scan code to check authenticity



PSD NVNT a 5825MHz Ant2



PSD NVNT n20 5745MHz Ant2

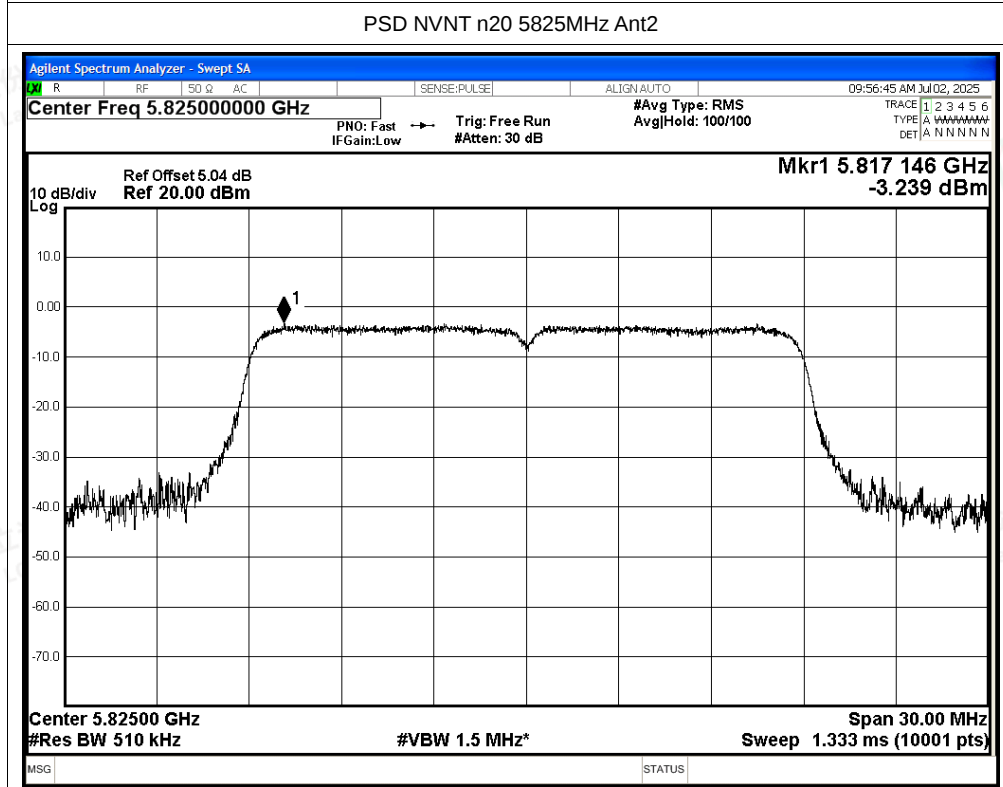
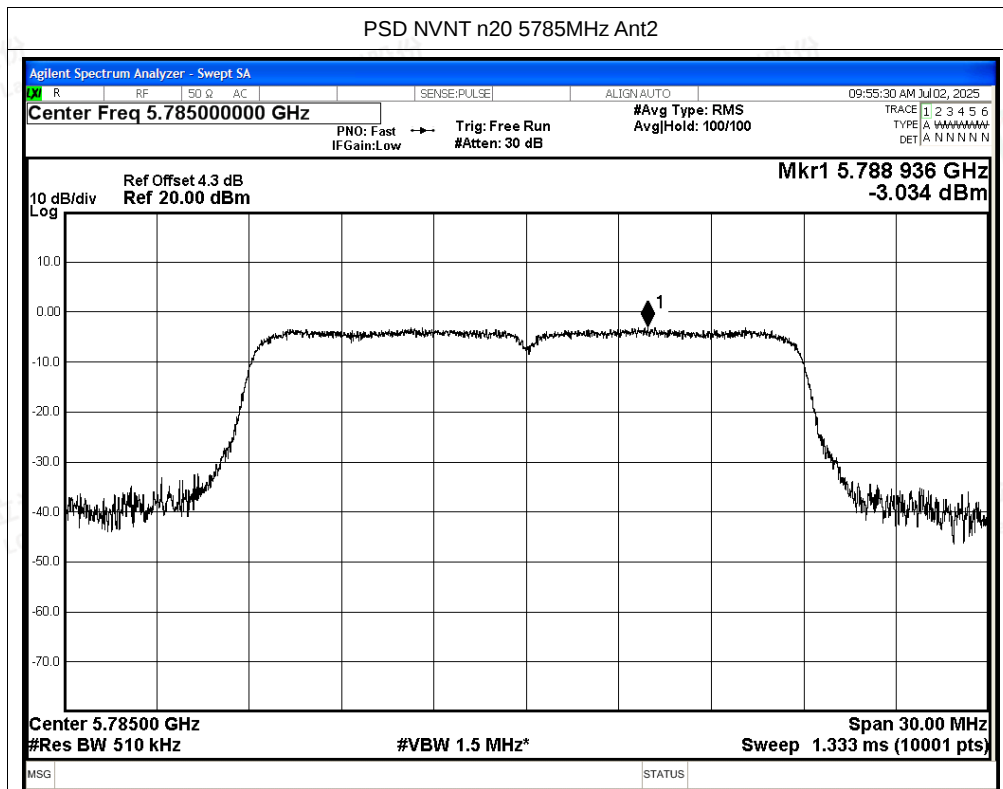


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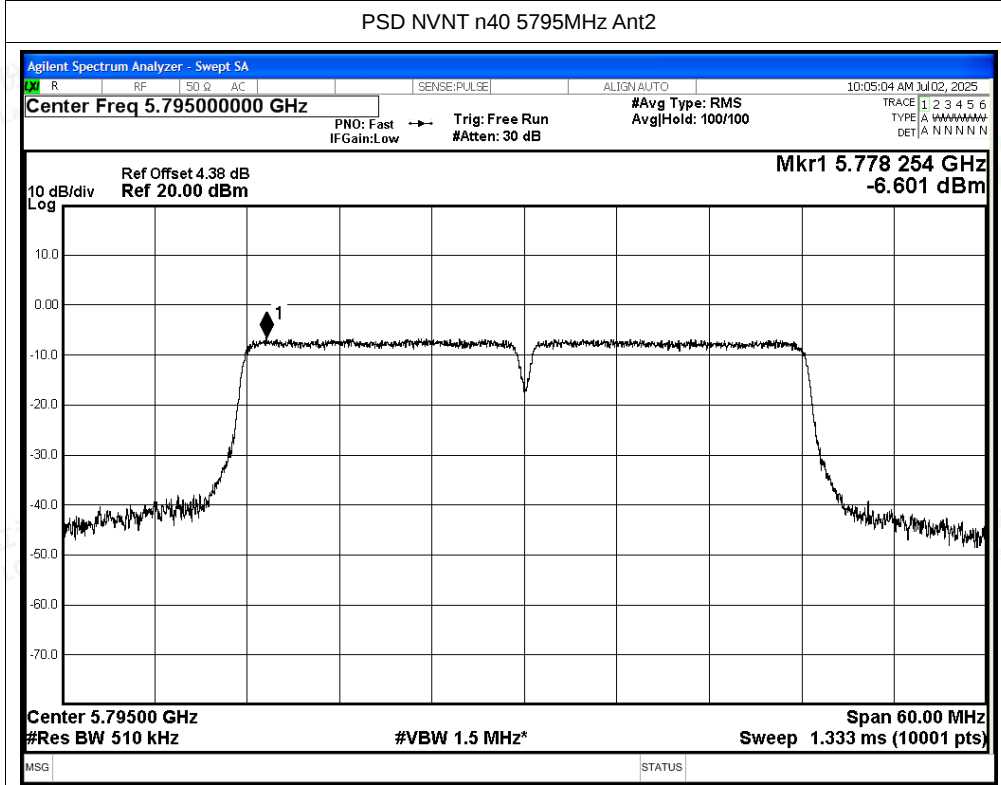
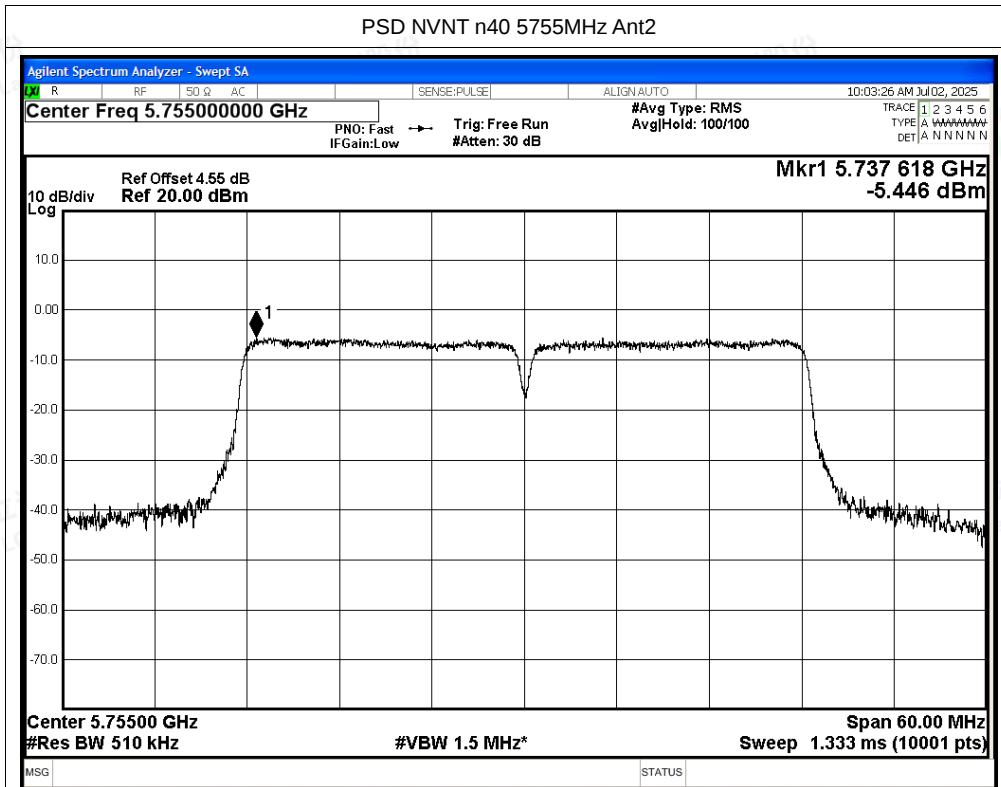


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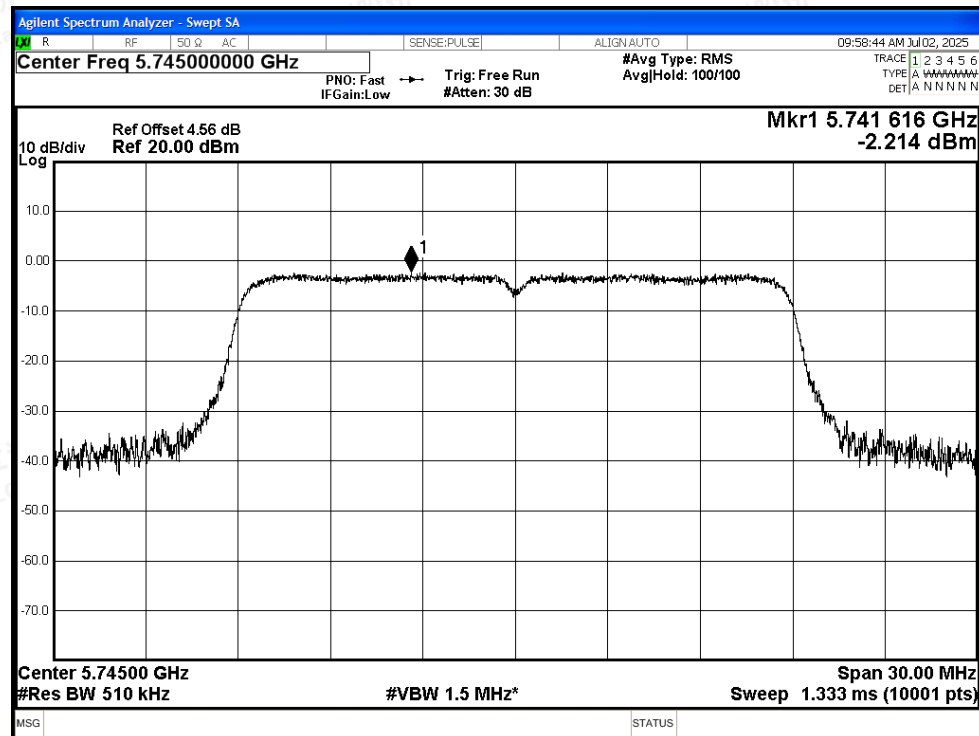
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Tel: +(86) 0755-82591330 | E-mail: webmaster@lcs-cert.com | Web: www.lcs-cert.com

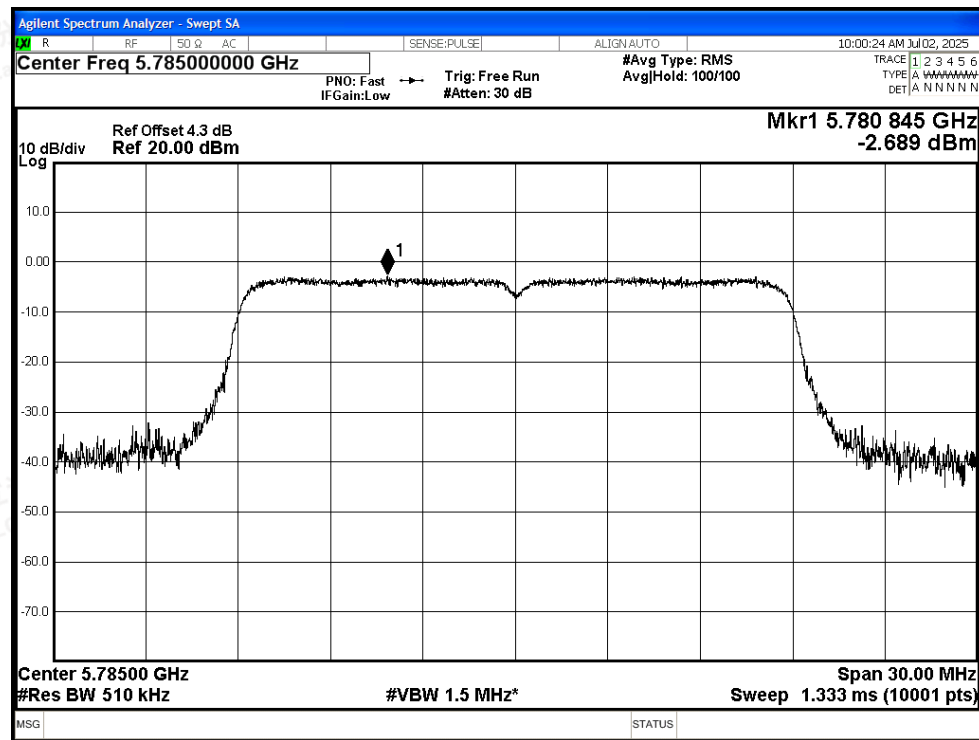
Scan code to check authenticity



PSD NVNT ac20 5745MHz Ant2



PSD NVNT ac20 5785MHz Ant2



Shenzhen LCS Compliance Testing Laboratory Ltd.

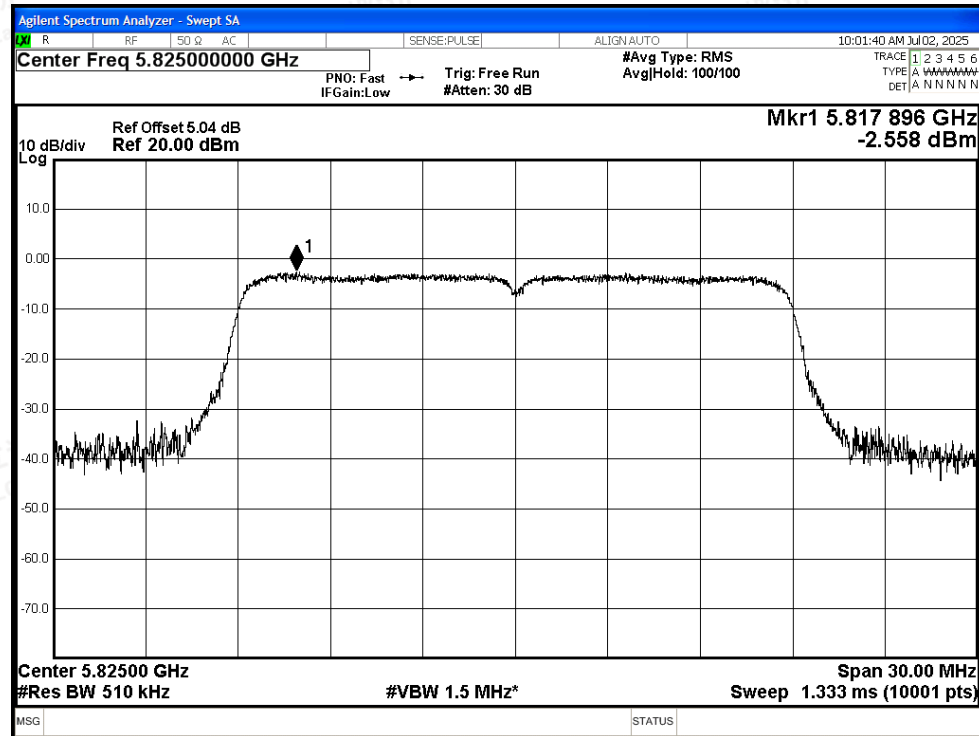
Add: 101, 201 Bldg A & 301 Bldg C, Juji Industrial Park Yabianxueziwei, Shajing Street, Baoan District, Shenzhen, 518000, China

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

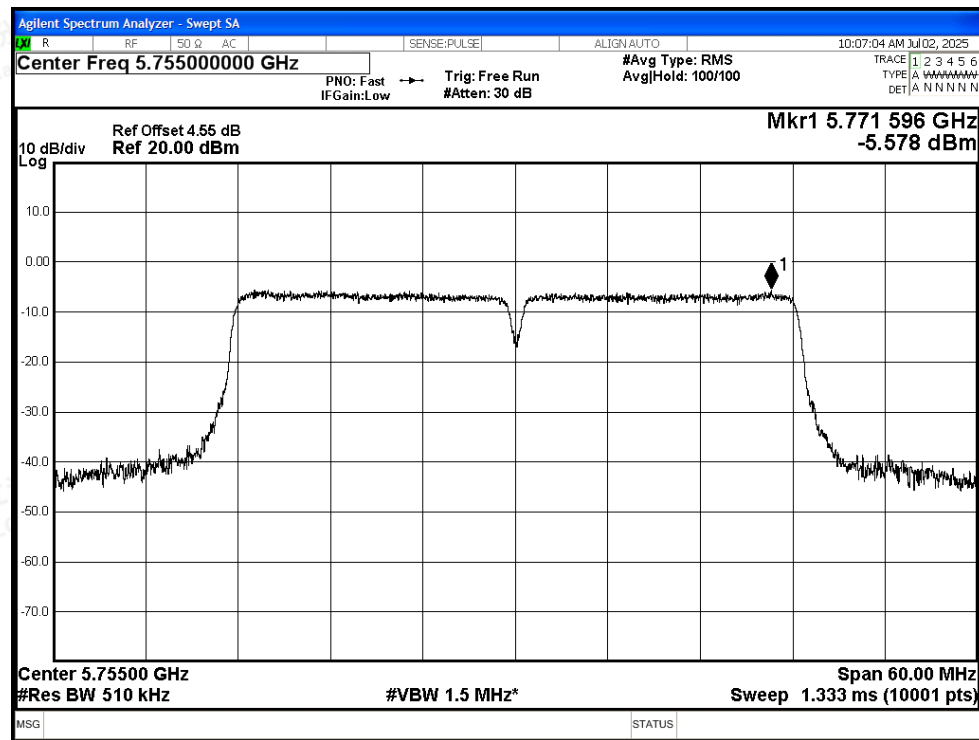
Scan code to check authenticity



PSD NVNT ac20 5825MHz Ant2



PSD NVNT ac40 5755MHz Ant2



Shenzhen LCS Compliance Testing Laboratory Ltd.

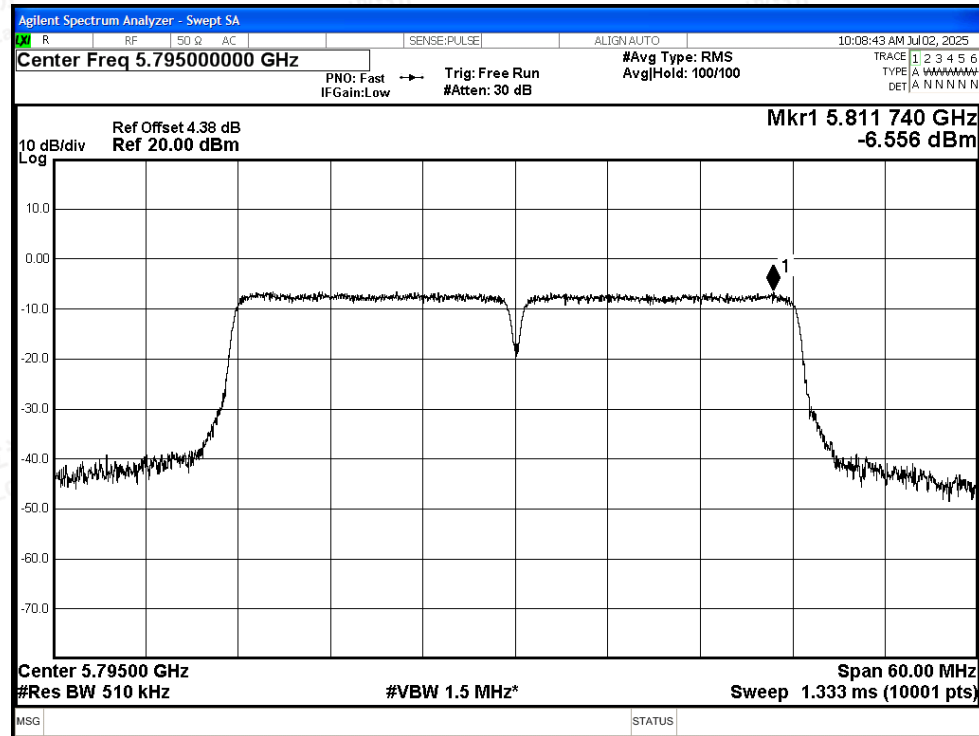
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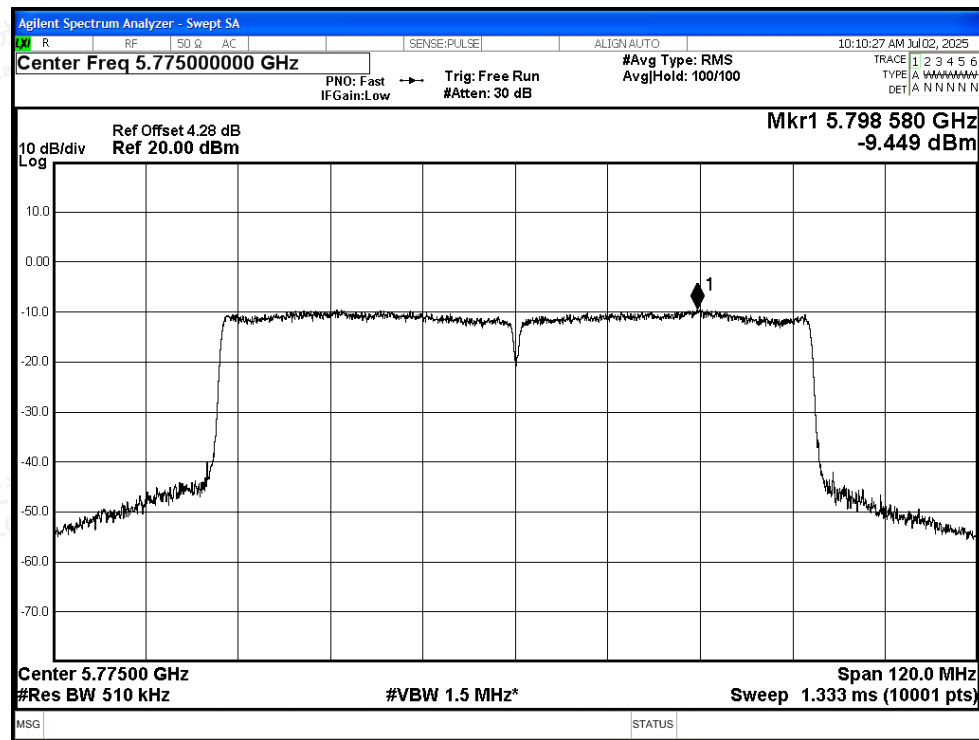
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PSD NVNT ac40 5795MHz Ant2



PSD NVNT ac80 5775MHz Ant2



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E.4 Restrict Band

Condition	Mode	Frequency (MHz)	Antenna	Spur Freq (MHz)	Power (dBm)	Gain (dBi)	Duty Factor (dB)	EIRP Power (dBm)	Detector	Limit (dBm)	Verdict
NVNT	a	5745	Ant1	5650	-46.65	2	-	-44.65	Peak	-27	Pass
NVNT	a	5745	Ant1	5650	-56.1	2	0.24	-53.86	Average	-27	Pass
NVNT	a	5745	Ant1	5700	-45.2	2	-	-43.2	Peak	10	Pass
NVNT	a	5745	Ant1	5700	-54.33	2	0.24	-52.09	Average	10	Pass
NVNT	a	5745	Ant1	5720	-33.06	2	-	-31.06	Peak	15.6	Pass
NVNT	a	5745	Ant1	5720	-46.73	2	0.24	-44.49	Average	15.6	Pass
NVNT	a	5745	Ant1	5725	-27.54	2	-	-25.54	Peak	27	Pass
NVNT	a	5745	Ant1	5725	-42.94	2	0.24	-40.7	Average	27	Pass
NVNT	a	5825	Ant1	5850	-34.65	2	-	-32.65	Peak	27	Pass
NVNT	a	5825	Ant1	5850	-47.9	2	0.24	-45.66	Average	27	Pass
NVNT	a	5825	Ant1	5855	-40.13	2	-	-38.13	Peak	15.6	Pass
NVNT	a	5825	Ant1	5855	-51.86	2	0.24	-49.62	Average	15.6	Pass
NVNT	a	5825	Ant1	5875	-45.41	2	-	-43.41	Peak	10	Pass
NVNT	a	5825	Ant1	5875	-54.44	2	0.24	-52.2	Average	10	Pass
NVNT	a	5825	Ant1	5925	-46.19	2	-	-44.19	Peak	-27	Pass
NVNT	a	5825	Ant1	5925	-55.02	2	0.24	-52.78	Average	-27	Pass
NVNT	n20	5745	Ant1	5650	-47.31	2	-	-45.31	Peak	-27	Pass
NVNT	n20	5745	Ant1	5650	-56.67	2	0.12	-54.55	Average	-27	Pass
NVNT	n20	5745	Ant1	5700	-46.91	2	-	-44.91	Peak	10	Pass
NVNT	n20	5745	Ant1	5700	-54.17	2	0.12	-52.05	Average	10	Pass
NVNT	n20	5745	Ant1	5720	-29.11	2	-	-27.11	Peak	15.6	Pass
NVNT	n20	5745	Ant1	5720	-46.6	2	0.12	-44.48	Average	15.6	Pass
NVNT	n20	5745	Ant1	5725	-25.05	2	-	-23.05	Peak	27	Pass
NVNT	n20	5745	Ant1	5725	-40.4	2	0.12	-38.28	Average	27	Pass
NVNT	n20	5825	Ant1	5850	-32.73	2	-	-30.73	Peak	27	Pass
NVNT	n20	5825	Ant1	5850	-45.19	2	0.12	-43.07	Average	27	Pass
NVNT	n20	5825	Ant1	5855	-38.92	2	-	-36.92	Peak	15.6	Pass
NVNT	n20	5825	Ant1	5855	-49.88	2	0.12	-47.76	Average	15.6	Pass
NVNT	n20	5825	Ant1	5875	-46.06	2	-	-44.06	Peak	10	Pass
NVNT	n20	5825	Ant1	5875	-53.99	2	0.12	-51.87	Average	10	Pass
NVNT	n20	5825	Ant1	5925	-47.6	2	-	-45.6	Peak	-27	Pass
NVNT	n20	5825	Ant1	5925	-55.1	2	0.12	-52.98	Average	-27	Pass
NVNT	n40	5755	Ant1	5650	-47.18	2	-	-45.18	Peak	-27	Pass
NVNT	n40	5755	Ant1	5650	-56.26	2	0.24	-54.02	Average	-27	Pass
NVNT	n40	5755	Ant1	5700	-46.09	2	-	-44.09	Peak	10	Pass
NVNT	n40	5755	Ant1	5700	-53.31	2	0.24	-51.07	Average	10	Pass
NVNT	n40	5755	Ant1	5720	-29.83	2	-	-27.83	Peak	15.6	Pass
NVNT	n40	5755	Ant1	5720	-45.46	2	0.24	-43.22	Average	15.6	Pass



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NVNT	n40	5755	Ant1	5725	-27.37	2	-	-25.37	Peak	27	Pass
NVNT	n40	5755	Ant1	5725	-41.58	2	0.24	-39.34	Average	27	Pass
NVNT	n40	5795	Ant1	5850	-45.96	2	-	-43.96	Peak	27	Pass
NVNT	n40	5795	Ant1	5850	-55.59	2	0.24	-53.35	Average	27	Pass
NVNT	n40	5795	Ant1	5855	-46.18	2	-	-44.18	Peak	15.6	Pass
NVNT	n40	5795	Ant1	5855	-55.11	2	0.24	-52.87	Average	15.6	Pass
NVNT	n40	5795	Ant1	5875	-47.12	2	-	-45.12	Peak	10	Pass
NVNT	n40	5795	Ant1	5875	-56.34	2	0.24	-54.1	Average	10	Pass
NVNT	n40	5795	Ant1	5925	-48.59	2	-	-46.59	Peak	-27	Pass
NVNT	n40	5795	Ant1	5925	-56.45	2	0.24	-54.21	Average	-27	Pass
NVNT	ac20	5745	Ant1	5650	-47.82	2	-	-45.82	Peak	-27	Pass
NVNT	ac20	5745	Ant1	5650	-55.87	2	0.12	-53.75	Average	-27	Pass
NVNT	ac20	5745	Ant1	5700	-45.64	2	-	-43.64	Peak	10	Pass
NVNT	ac20	5745	Ant1	5700	-54.62	2	0.12	-52.5	Average	10	Pass
NVNT	ac20	5745	Ant1	5720	-31.1	2	-	-29.1	Peak	15.6	Pass
NVNT	ac20	5745	Ant1	5720	-47.62	2	0.12	-45.5	Average	15.6	Pass
NVNT	ac20	5745	Ant1	5725	-25.79	2	-	-23.79	Peak	27	Pass
NVNT	ac20	5745	Ant1	5725	-40.06	2	0.12	-37.94	Average	27	Pass
NVNT	ac20	5825	Ant1	5850	-31.86	2	-	-29.86	Peak	27	Pass
NVNT	ac20	5825	Ant1	5850	-45.01	2	0.12	-42.89	Average	27	Pass
NVNT	ac20	5825	Ant1	5855	-39.16	2	-	-37.16	Peak	15.6	Pass
NVNT	ac20	5825	Ant1	5855	-50.46	2	0.12	-48.34	Average	15.6	Pass
NVNT	ac20	5825	Ant1	5875	-45.78	2	-	-43.78	Peak	10	Pass
NVNT	ac20	5825	Ant1	5875	-54.01	2	0.12	-51.89	Average	10	Pass
NVNT	ac20	5825	Ant1	5925	-45.91	2	-	-43.91	Peak	-27	Pass
NVNT	ac20	5825	Ant1	5925	-54.46	2	0.12	-52.34	Average	-27	Pass
NVNT	ac40	5755	Ant1	5650	-47.68	2	-	-45.68	Peak	-27	Pass
NVNT	ac40	5755	Ant1	5650	-55.86	2	0.24	-53.62	Average	-27	Pass
NVNT	ac40	5755	Ant1	5700	-46.33	2	-	-44.33	Peak	10	Pass
NVNT	ac40	5755	Ant1	5700	-53.37	2	0.24	-51.13	Average	10	Pass
NVNT	ac40	5755	Ant1	5720	-29.01	2	-	-27.01	Peak	15.6	Pass
NVNT	ac40	5755	Ant1	5720	-44.34	2	0.24	-42.1	Average	15.6	Pass
NVNT	ac40	5755	Ant1	5725	-27.23	2	-	-25.23	Peak	27	Pass
NVNT	ac40	5755	Ant1	5725	-42.28	2	0.24	-40.04	Average	27	Pass
NVNT	ac40	5795	Ant1	5850	-46.12	2	-	-44.12	Peak	27	Pass
NVNT	ac40	5795	Ant1	5850	-55.5	2	0.24	-53.26	Average	27	Pass
NVNT	ac40	5795	Ant1	5855	-45.82	2	-	-43.82	Peak	15.6	Pass
NVNT	ac40	5795	Ant1	5855	-55.37	2	0.24	-53.13	Average	15.6	Pass
NVNT	ac40	5795	Ant1	5875	-47.93	2	-	-45.93	Peak	10	Pass
NVNT	ac40	5795	Ant1	5875	-56.06	2	0.24	-53.82	Average	10	Pass
NVNT	ac40	5795	Ant1	5925	-49.18	2	-	-47.18	Peak	-27	Pass
NVNT	ac40	5795	Ant1	5925	-55.8	2	0.24	-53.56	Average	-27	Pass
NVNT	ac80	5775	Ant1	5650	-47.78	2	-	-45.78	Peak	-27	Pass



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NVNT	ac80	5775	Ant1	5650	-55.05	2	0.47	-52.58	Average	-27	Pass
NVNT	ac80	5775	Ant1	5700	-44.8	2	-	-42.8	Peak	10	Pass
NVNT	ac80	5775	Ant1	5700	-53.65	2	0.47	-51.18	Average	10	Pass
NVNT	ac80	5775	Ant1	5720	-38.44	2	-	-36.44	Peak	15.6	Pass
NVNT	ac80	5775	Ant1	5720	-48.2	2	0.47	-45.73	Average	15.6	Pass
NVNT	ac80	5775	Ant1	5725	-27.94	2	-	-25.94	Peak	27	Pass
NVNT	ac80	5775	Ant1	5725	-45.18	2	0.47	-42.71	Average	27	Pass
NVNT	ac80	5775	Ant1	5850	-43.54	2	-	-41.54	Peak	27	Pass
NVNT	ac80	5775	Ant1	5850	-52.08	2	0.47	-49.61	Average	27	Pass
NVNT	ac80	5775	Ant1	5855	-42.96	2	-	-40.96	Peak	15.6	Pass
NVNT	ac80	5775	Ant1	5855	-52.73	2	0.47	-50.26	Average	15.6	Pass
NVNT	ac80	5775	Ant1	5875	-43.5	2	-	-41.5	Peak	10	Pass
NVNT	ac80	5775	Ant1	5875	-54.95	2	0.47	-52.48	Average	10	Pass
NVNT	ac80	5775	Ant1	5925	-48.42	2	-	-46.42	Peak	-27	Pass
NVNT	ac80	5775	Ant1	5925	-55.94	2	0.47	-53.47	Average	-27	Pass



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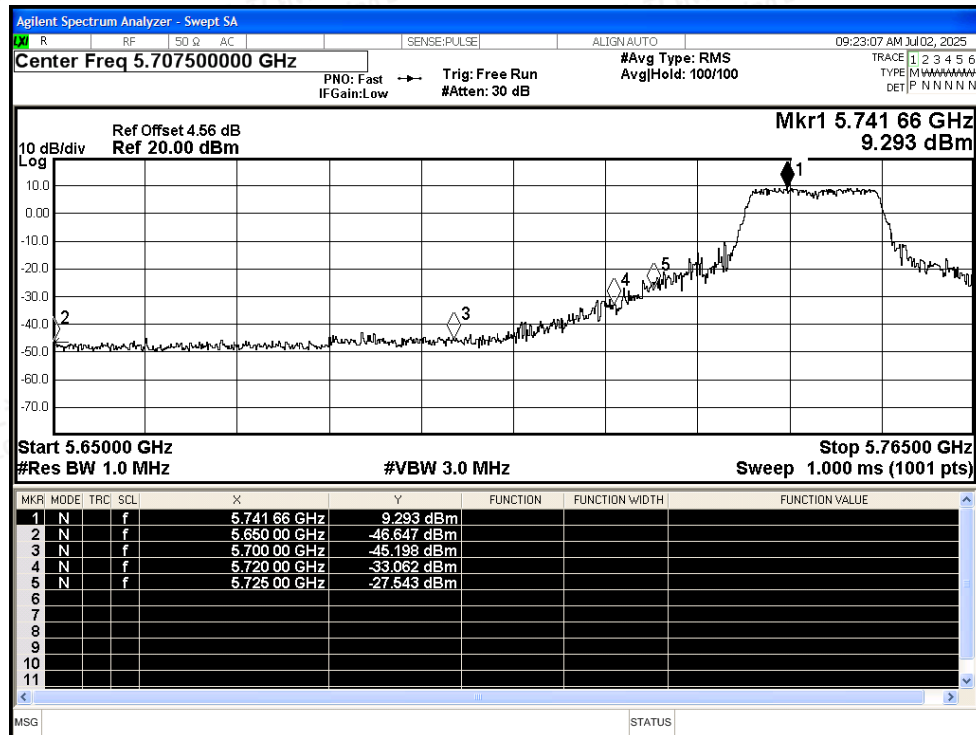
Tel: +(86) 0755-82591330 | E-mail: webmaster@lcs-cert.com | Web: www.lcs-cert.com

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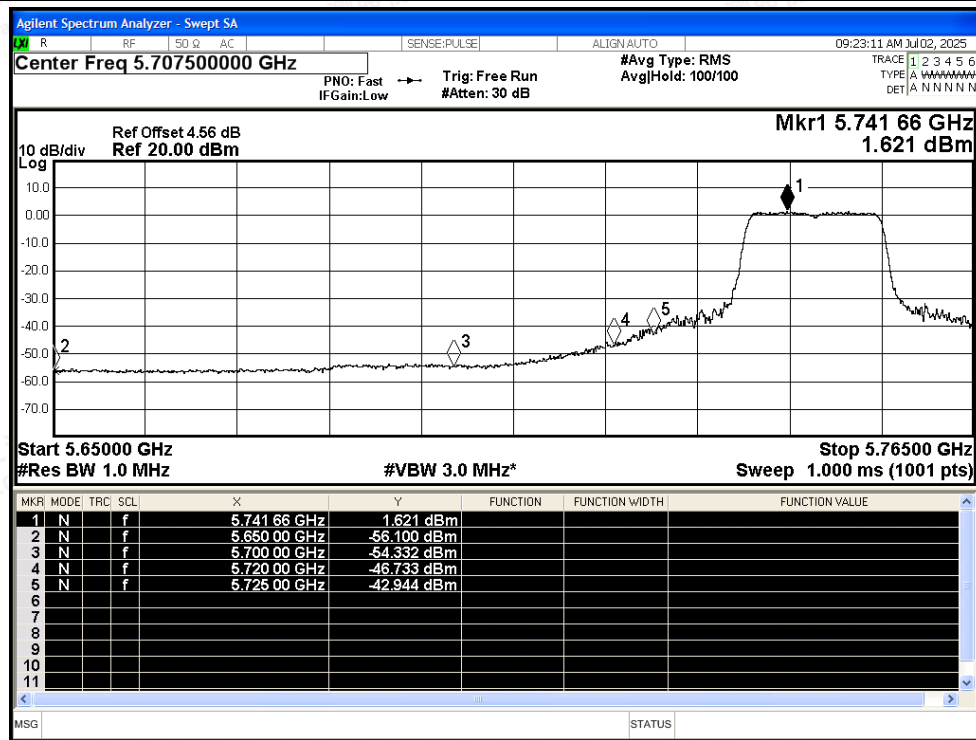


Test Graphs

Restrict Band NVNT a 5745MHz Ant1 Peak



Restrict Band NVNT a 5745MHz Ant1 Average



Shenzhen LCS Compliance Testing Laboratory Ltd.

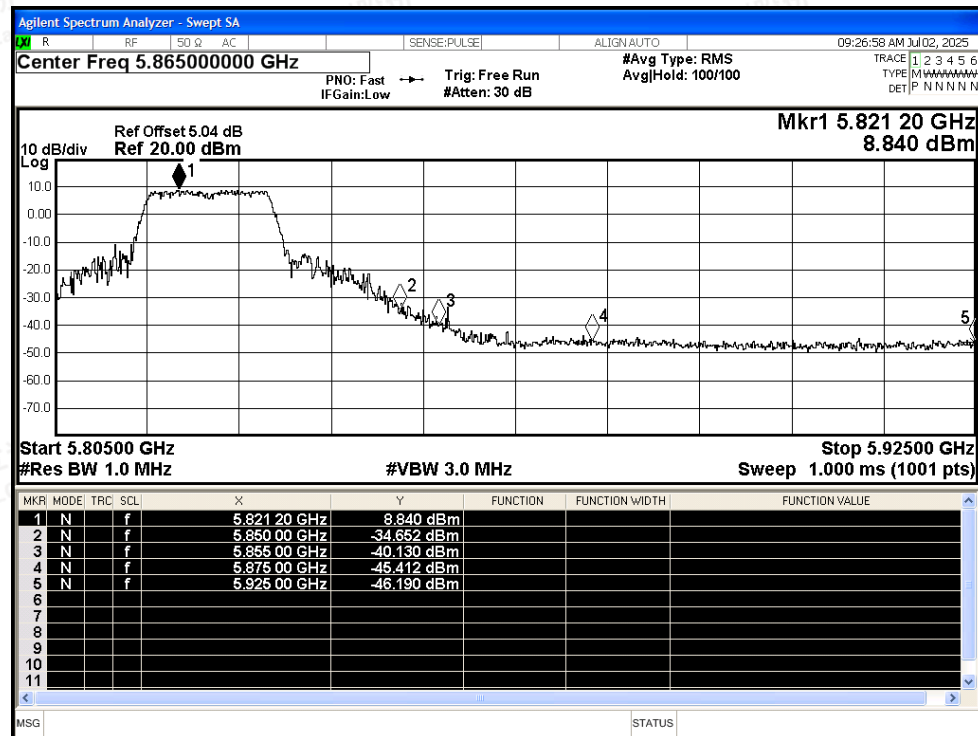
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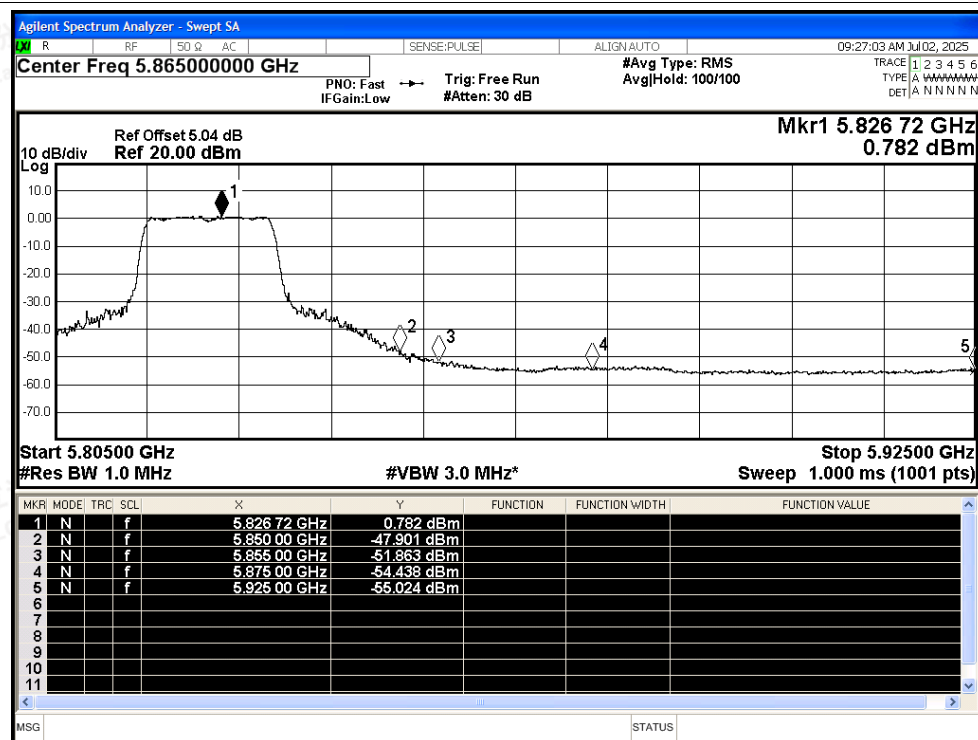
Scan code to check authenticity



Restrict Band NVNT a 5825MHz Ant1 Peak



Restrict Band NVNT a 5825MHz Ant1 Average



Shenzhen LCS Compliance Testing Laboratory Ltd.

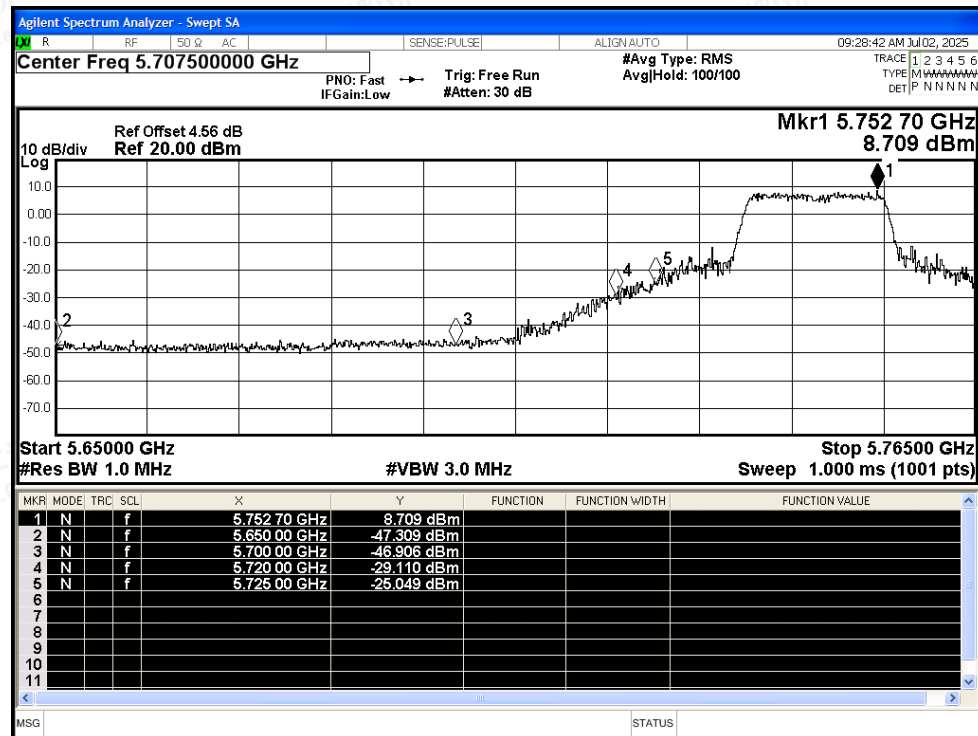
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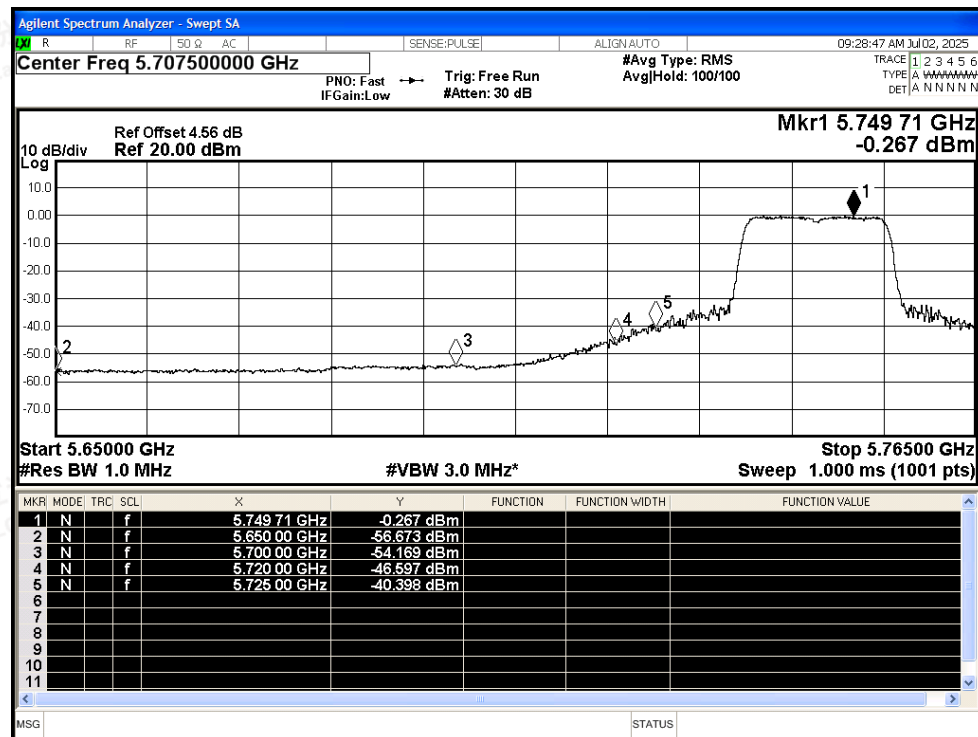
Scan code to check authenticity



Restrict Band NVNT n20 5745MHz Ant1 Peak



Restrict Band NVNT n20 5745MHz Ant1 Average



Shenzhen LCS Compliance Testing Laboratory Ltd.

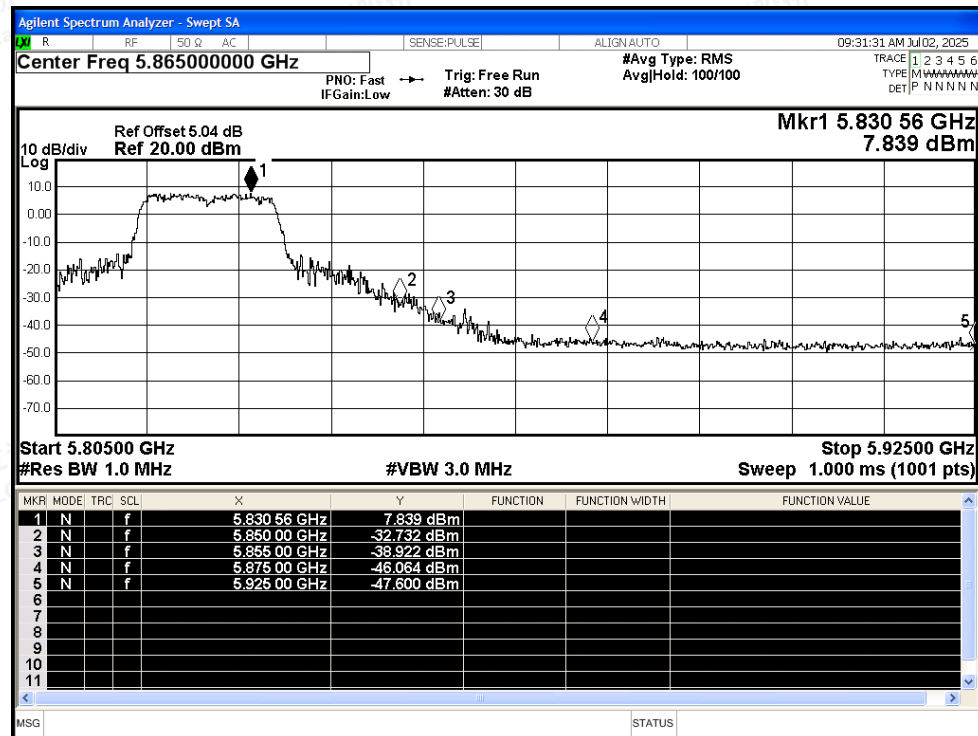
Add: 101, 201 Bldg A & 301 Bldg C, Juji Industrial Park Yabianxueziwei, Shajing Street, Baoan District, Shenzhen, 518000, China

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

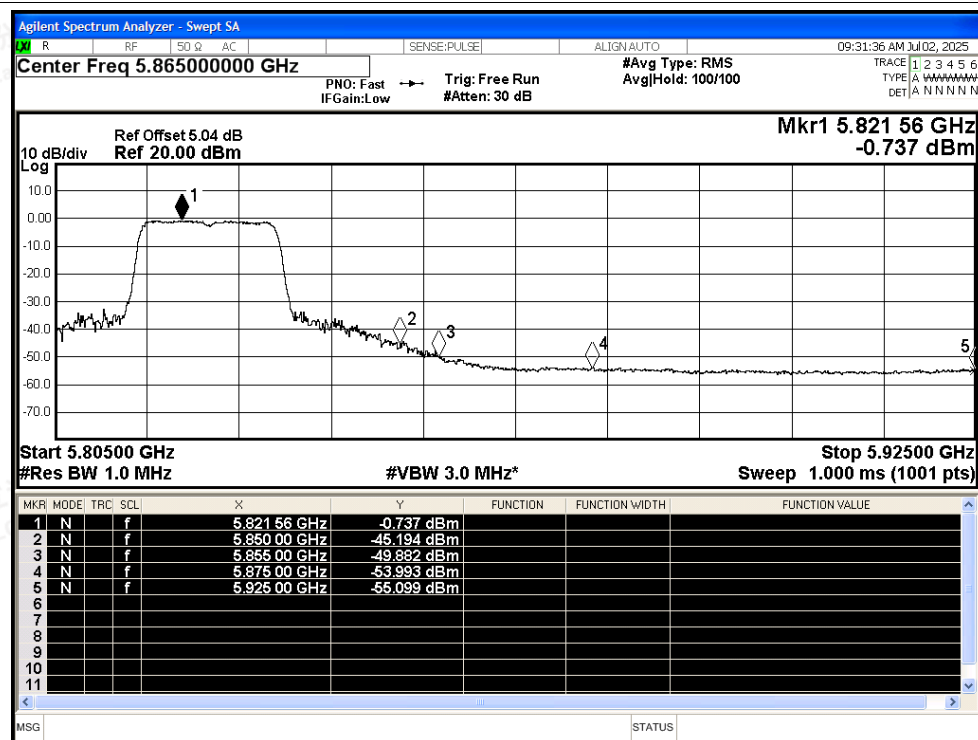
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Restrict Band NVNT n20 5825MHz Ant1 Peak



Restrict Band NVNT n20 5825MHz Ant1 Average



Shenzhen LCS Compliance Testing Laboratory Ltd.

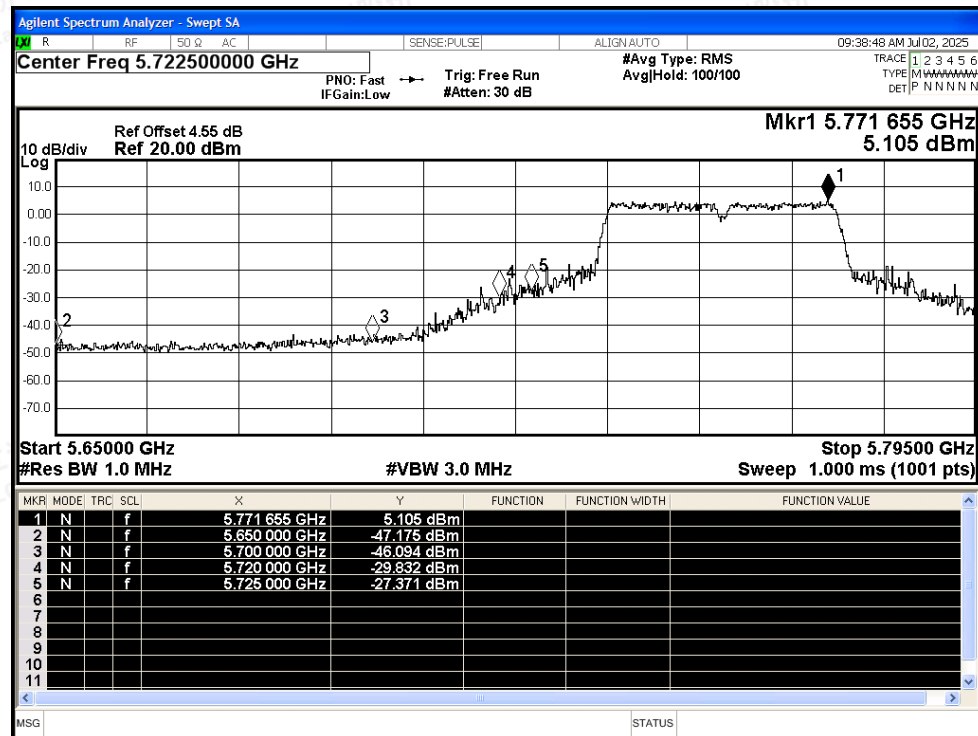
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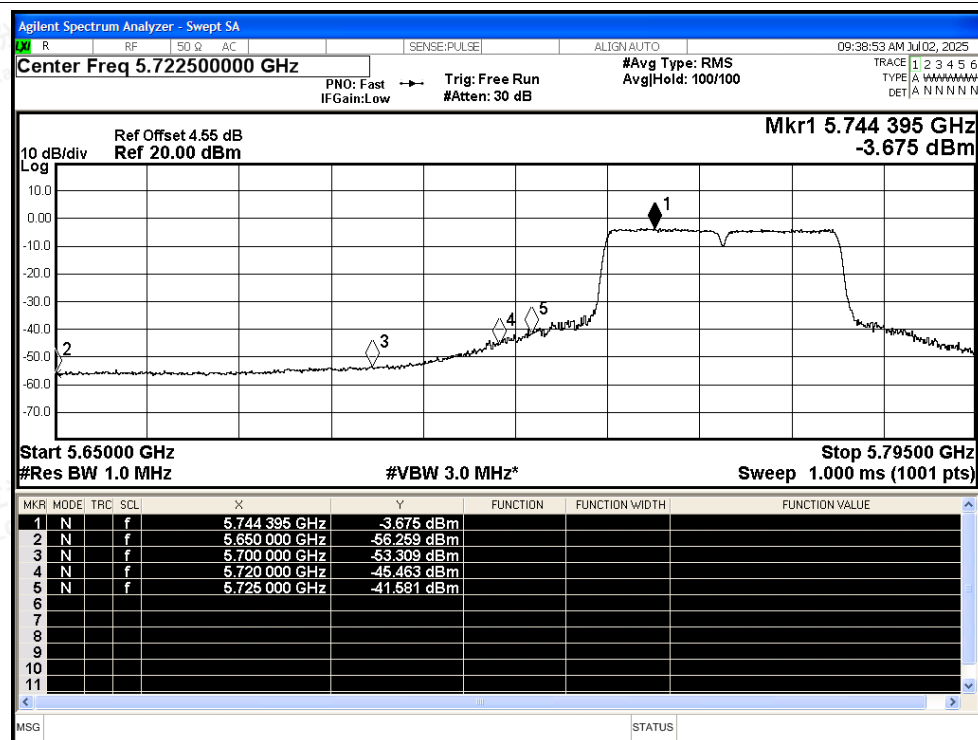
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Restrict Band NVNT n40 5755MHz Ant1 Peak



Restrict Band NVNT n40 5755MHz Ant1 Average



Shenzhen LCS Compliance Testing Laboratory Ltd.

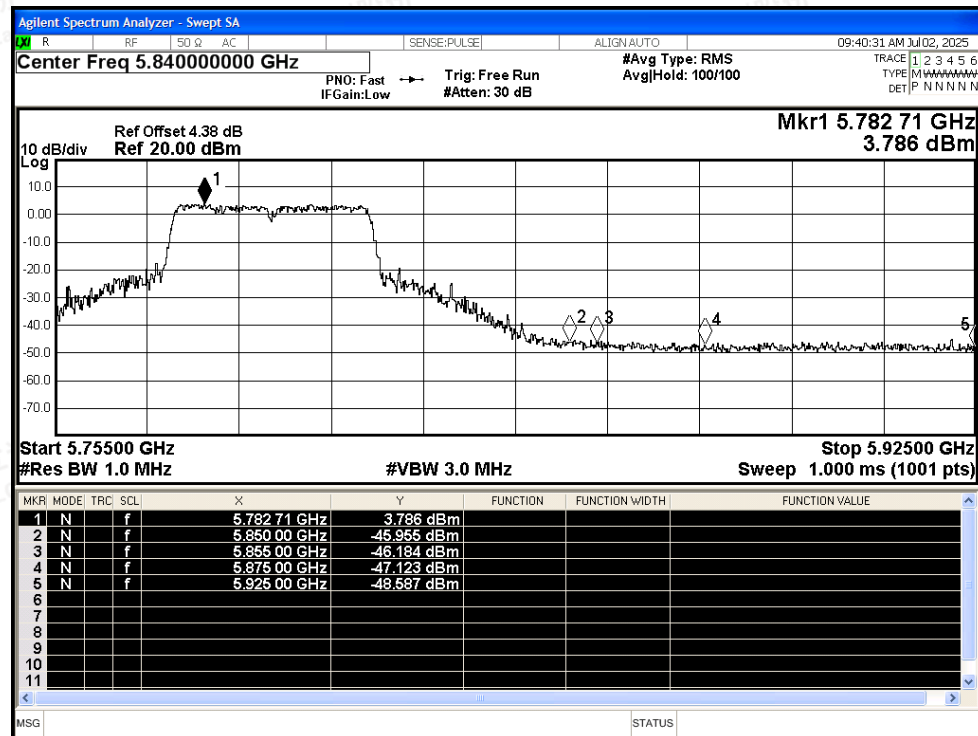
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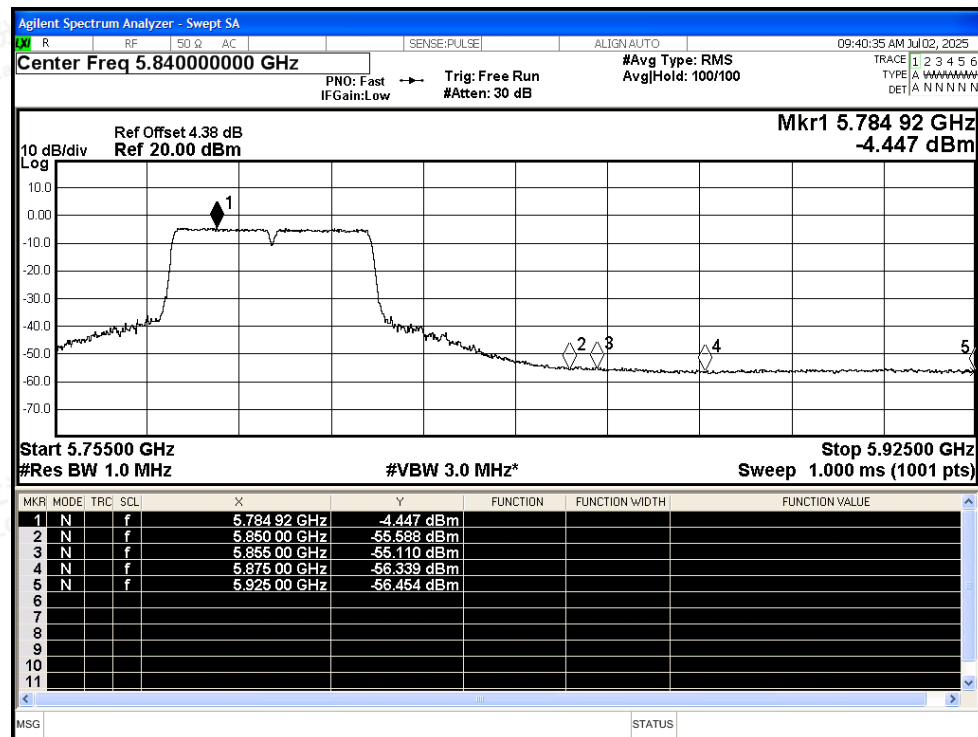
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Restrict Band NVNT n40 5795MHz Ant1 Peak



Restrict Band NVNT n40 5795MHz Ant1 Average



Shenzhen LCS Compliance Testing Laboratory Ltd.

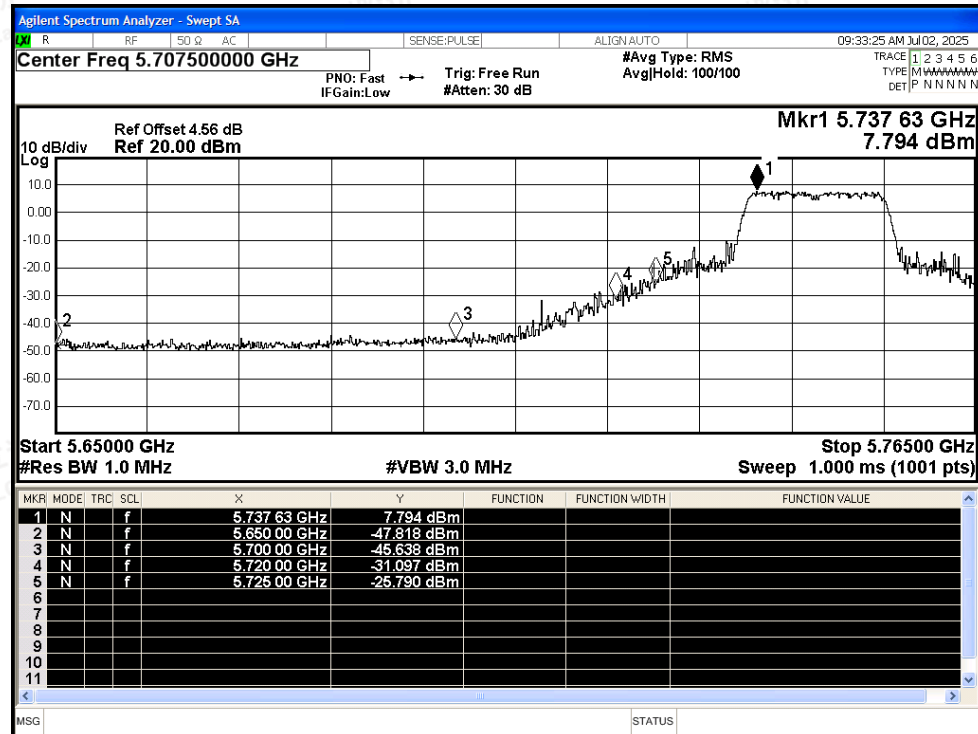
Add: 101, 201 Bldg A & 301 Bldg C, Juji Industrial Park Yabianxueziwei, Shajing Street, Baoan District, Shenzhen, 518000, China

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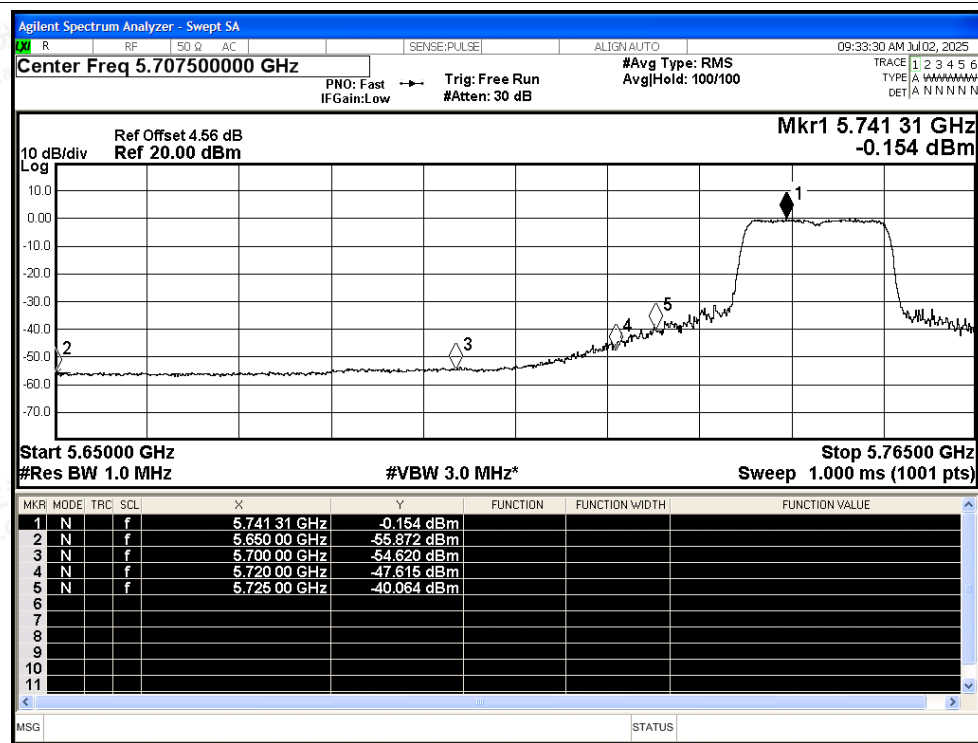
Scan code to check authenticity



Restrict Band NVNT ac20 5745MHz Ant1 Peak



Restrict Band NVNT ac20 5745MHz Ant1 Average



Shenzhen LCS Compliance Testing Laboratory Ltd.

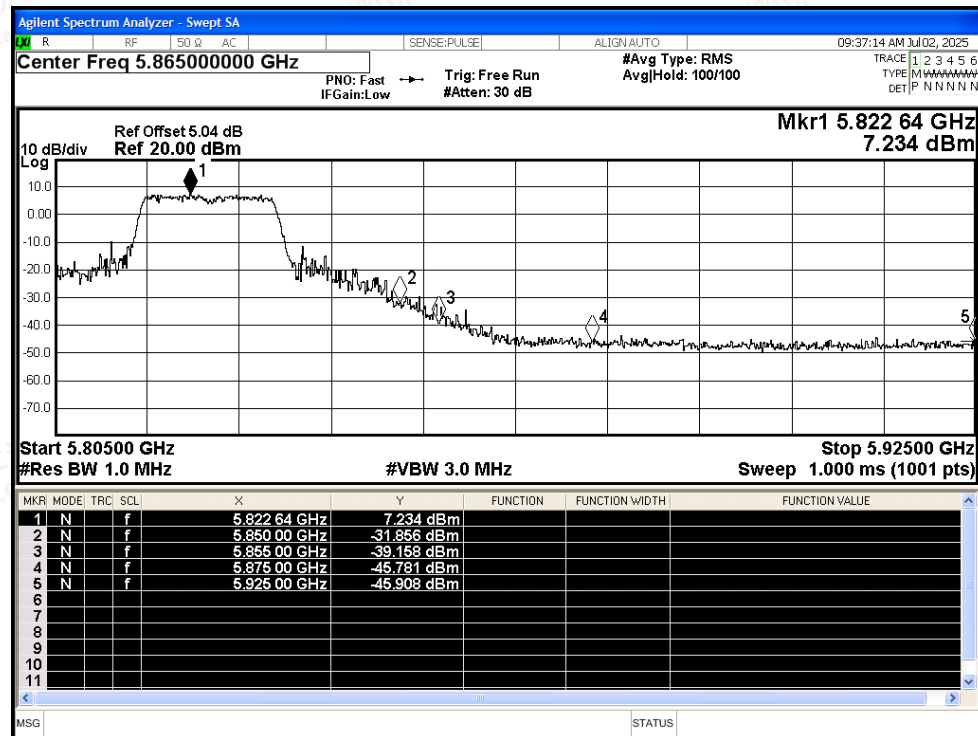
Add: 101, 201 Bldg A & 301 Bldg C, Juji Industrial Park Yabianxueziwei, Shajing Street, Baoan District, Shenzhen, 518000, China

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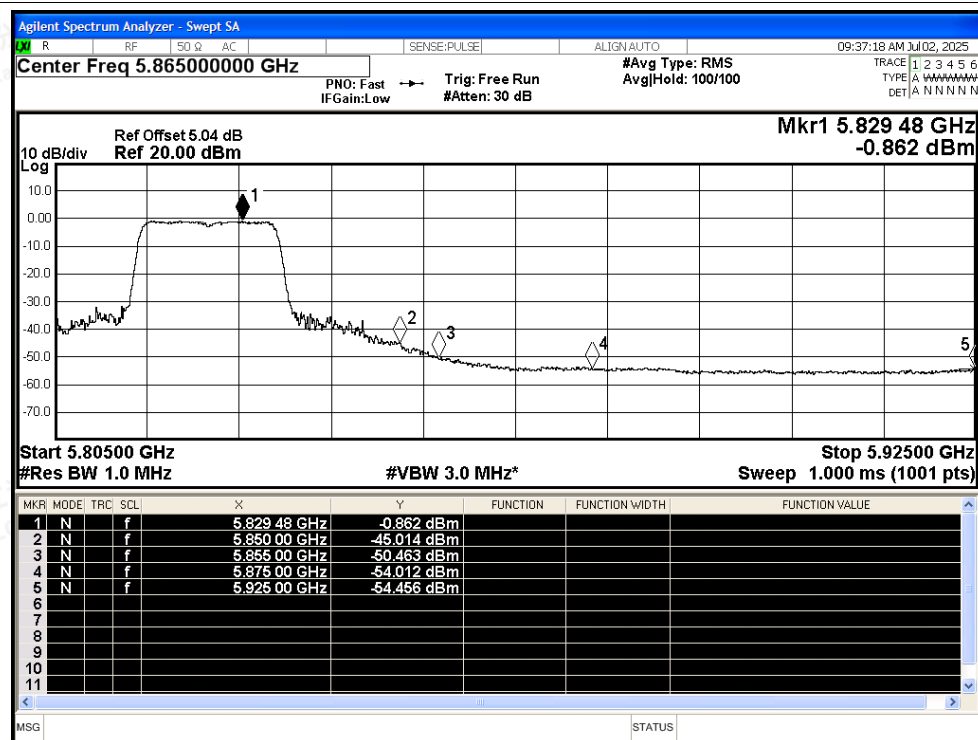
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Restrict Band NVNT ac20 5825MHz Ant1 Peak



Restrict Band NVNT ac20 5825MHz Ant1 Average



Shenzhen LCS Compliance Testing Laboratory Ltd.

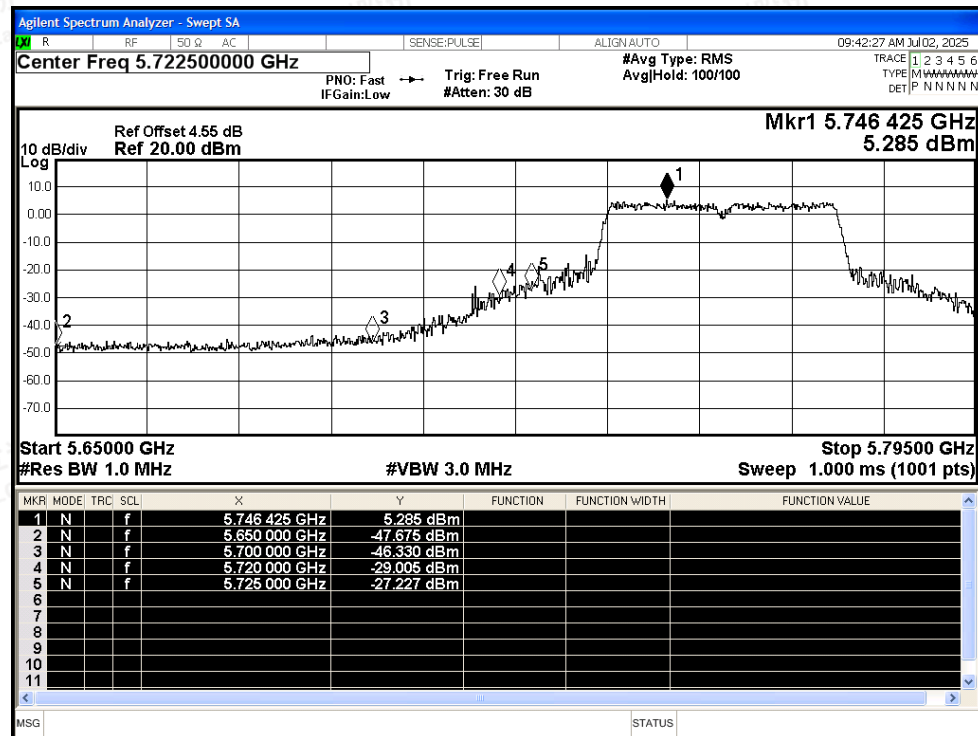
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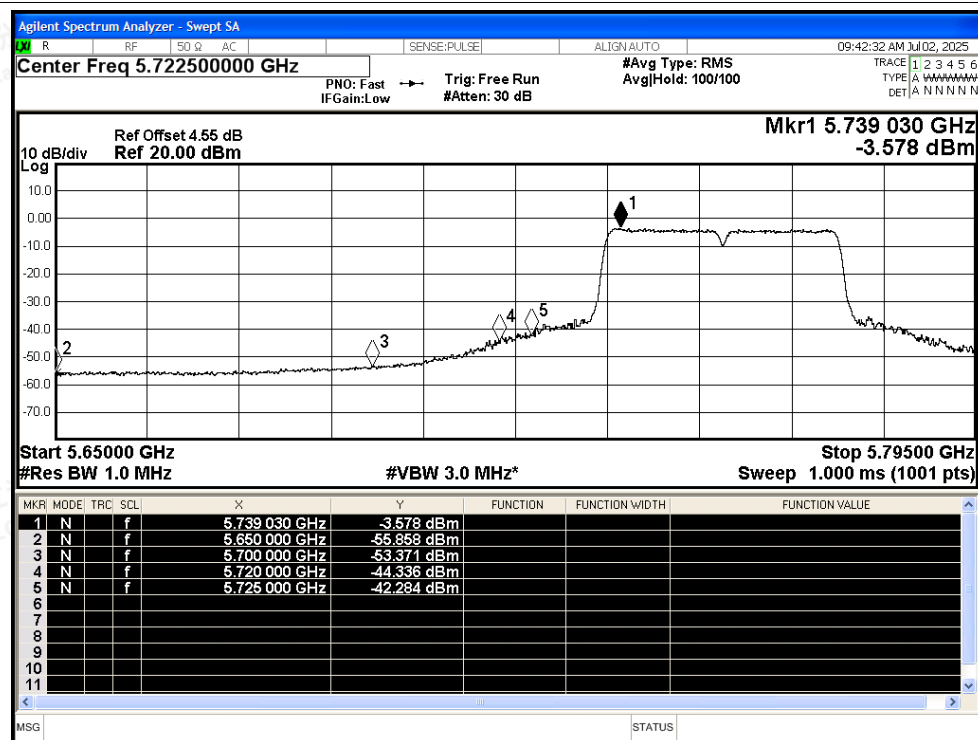
Scan code to check authenticity



Restrict Band NVNT ac40 5755MHz Ant1 Peak



Restrict Band NVNT ac40 5755MHz Ant1 Average



Shenzhen LCS Compliance Testing Laboratory Ltd.

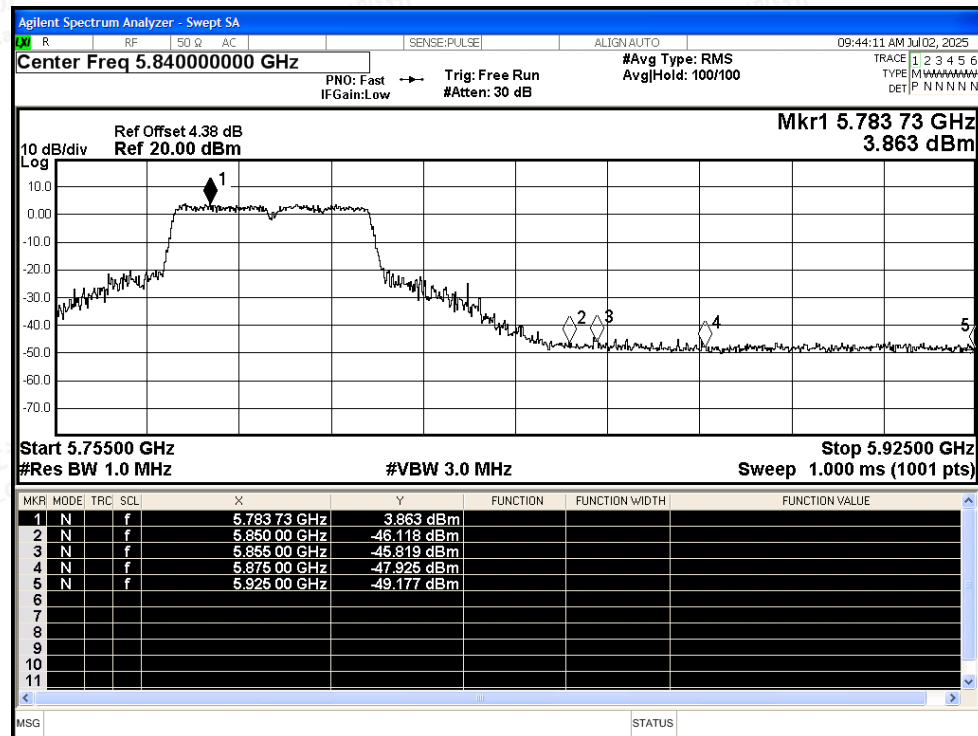
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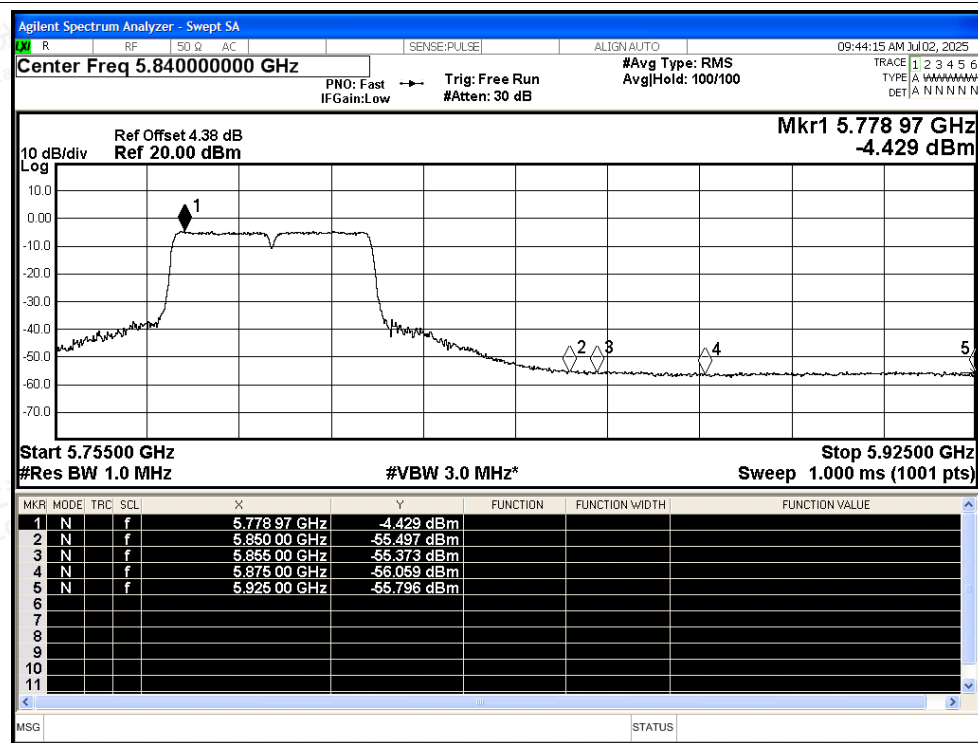
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Restrict Band NVNT ac40 5795MHz Ant1 Peak



Restrict Band NVNT ac40 5795MHz Ant1 Average



Shenzhen LCS Compliance Testing Laboratory Ltd.

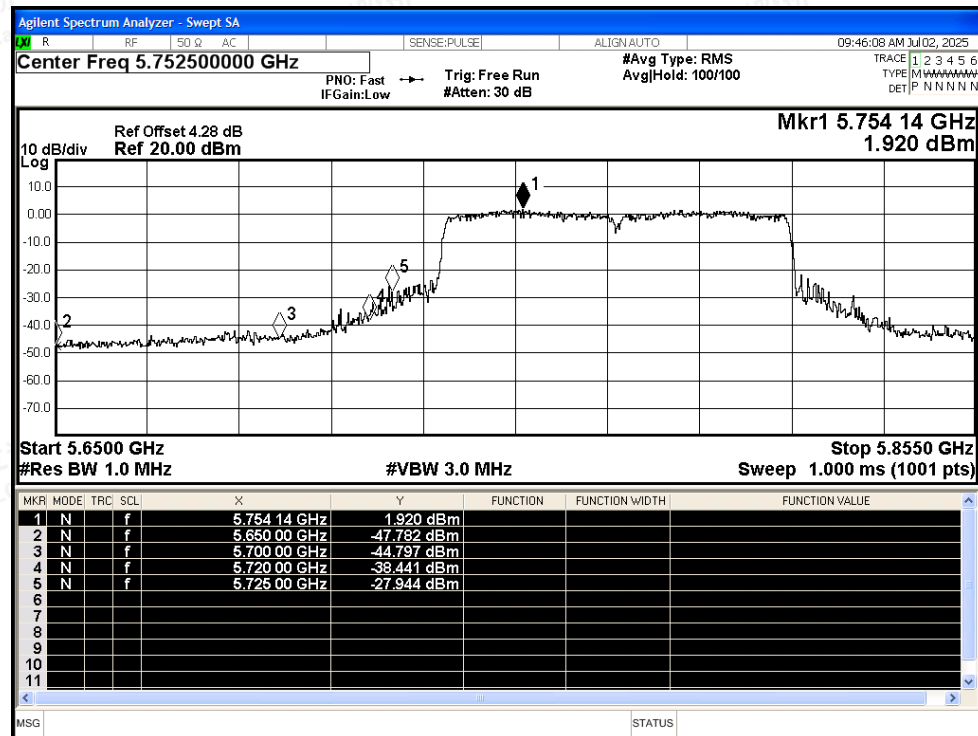
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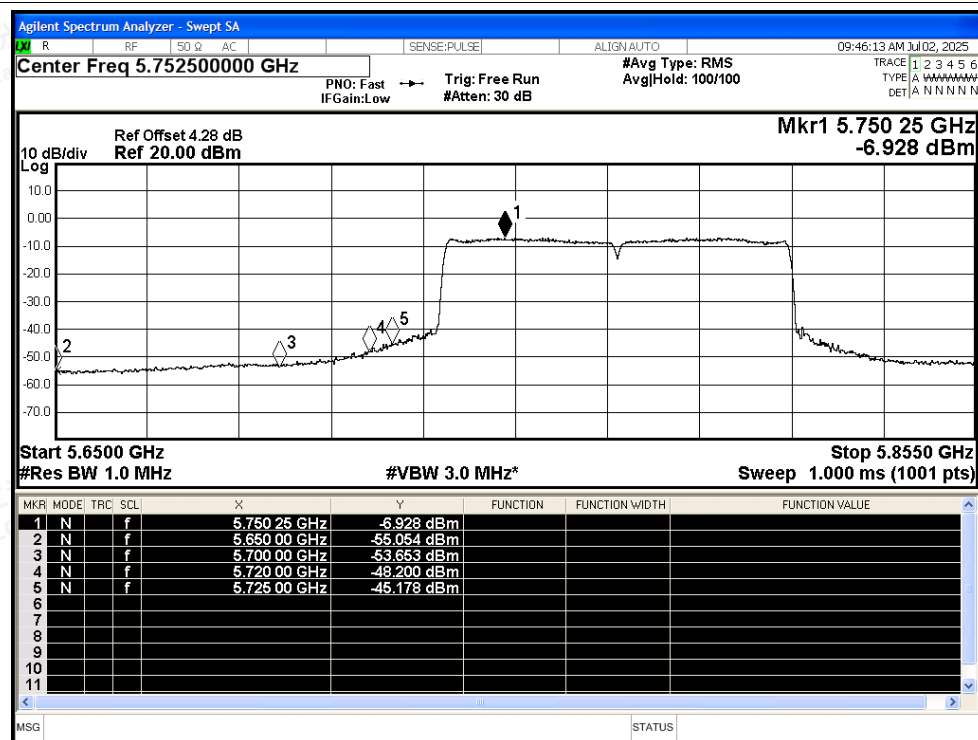
Scan code to check authenticity



Restrict Band NVNT ac80 5775MHz Ant1 Peak



Restrict Band NVNT ac80 5775MHz Ant1 Average



Shenzhen LCS Compliance Testing Laboratory Ltd.

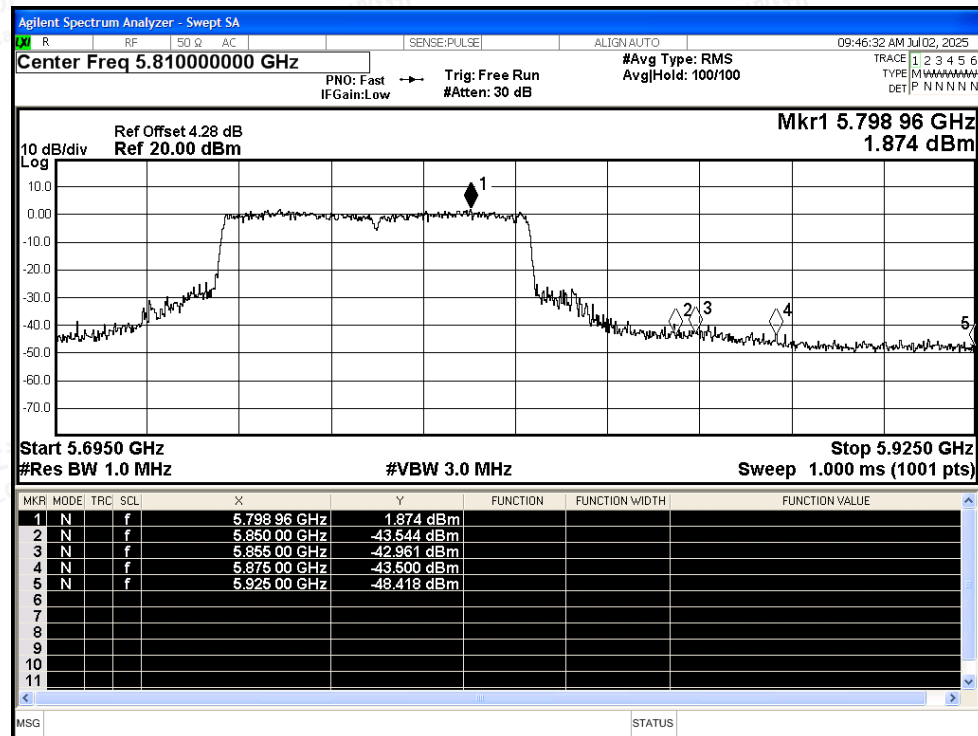
Add: 101, 201 Bldg A & 301 Bldg C, Juji Industrial Park Yabianxueziwei, Shajing Street, Baoan District, Shenzhen, 518000, China

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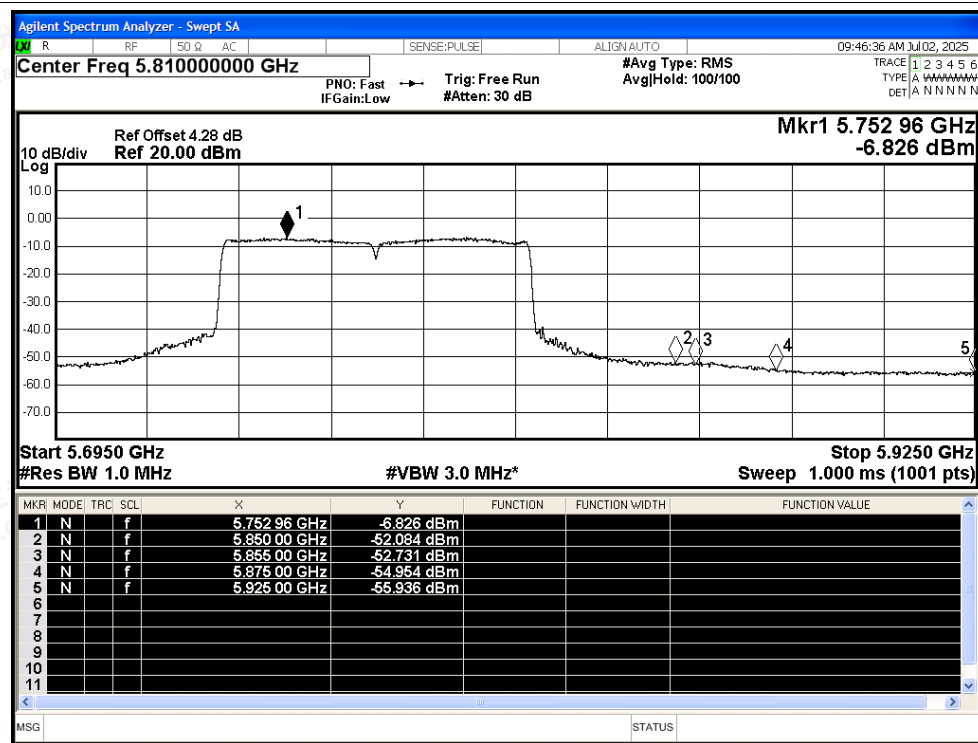
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Restrict Band NVNT ac80 5775MHz Ant1 Peak



Restrict Band NVNT ac80 5775MHz Ant1 Average



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Condition	Mode	Frequency (MHz)	Antenna	Spur Freq (MHz)	Power (dBm)	Gain (dBi)	Duty Factor (dB)	EIRP Power (dBm)	Detector	Limit (dBm)	Verdict
NVNT	a	5745	Ant2	5650	-48.66	2	-	-46.66	Peak	-27	Pass
NVNT	a	5745	Ant2	5650	-55.77	2	0.24	-53.53	Average	-27	Pass
NVNT	a	5745	Ant2	5700	-46.62	2	-	-44.62	Peak	10	Pass
NVNT	a	5745	Ant2	5700	-53.32	2	0.24	-51.08	Average	10	Pass
NVNT	a	5745	Ant2	5720	-33.85	2	-	-31.85	Peak	15.6	Pass
NVNT	a	5745	Ant2	5720	-45.78	2	0.24	-43.54	Average	15.6	Pass
NVNT	a	5745	Ant2	5725	-27.68	2	-	-25.68	Peak	27	Pass
NVNT	a	5745	Ant2	5725	-41.57	2	0.24	-39.33	Average	27	Pass
NVNT	a	5825	Ant2	5850	-34.1	2	-	-32.1	Peak	27	Pass
NVNT	a	5825	Ant2	5850	-49.07	2	0.24	-46.83	Average	27	Pass
NVNT	a	5825	Ant2	5855	-42.57	2	-	-40.57	Peak	15.6	Pass
NVNT	a	5825	Ant2	5855	-52.11	2	0.24	-49.87	Average	15.6	Pass
NVNT	a	5825	Ant2	5875	-46.96	2	-	-44.96	Peak	10	Pass
NVNT	a	5825	Ant2	5875	-54.26	2	0.24	-52.02	Average	10	Pass
NVNT	a	5825	Ant2	5925	-46.39	2	-	-44.39	Peak	-27	Pass
NVNT	a	5825	Ant2	5925	-54.43	2	0.24	-52.19	Average	-27	Pass
NVNT	n20	5745	Ant2	5650	-47.23	2	-	-45.23	Peak	-27	Pass
NVNT	n20	5745	Ant2	5650	-55.85	2	0.28	-53.57	Average	-27	Pass
NVNT	n20	5745	Ant2	5700	-46.8	2	-	-44.8	Peak	10	Pass
NVNT	n20	5745	Ant2	5700	-54.32	2	0.28	-52.04	Average	10	Pass
NVNT	n20	5745	Ant2	5720	-35.61	2	-	-33.61	Peak	15.6	Pass
NVNT	n20	5745	Ant2	5720	-45.45	2	0.28	-43.17	Average	15.6	Pass
NVNT	n20	5745	Ant2	5725	-21.28	2	-	-19.28	Peak	27	Pass
NVNT	n20	5745	Ant2	5725	-38.51	2	0.28	-36.23	Average	27	Pass
NVNT	n20	5825	Ant2	5850	-30.77	2	-	-28.77	Peak	27	Pass
NVNT	n20	5825	Ant2	5850	-44.22	2	0.28	-41.94	Average	27	Pass
NVNT	n20	5825	Ant2	5855	-33.08	2	-	-31.08	Peak	15.6	Pass
NVNT	n20	5825	Ant2	5855	-47.8	2	0.28	-45.52	Average	15.6	Pass
NVNT	n20	5825	Ant2	5875	-48.01	2	-	-46.01	Peak	10	Pass
NVNT	n20	5825	Ant2	5875	-54.8	2	0.28	-52.52	Average	10	Pass
NVNT	n20	5825	Ant2	5925	-46.56	2	-	-44.56	Peak	-27	Pass
NVNT	n20	5825	Ant2	5925	-55.25	2	0.28	-52.97	Average	-27	Pass
NVNT	n40	5755	Ant2	5650	-48.26	2	-	-46.26	Peak	-27	Pass
NVNT	n40	5755	Ant2	5650	-55.89	2	0.24	-53.65	Average	-27	Pass
NVNT	n40	5755	Ant2	5700	-43.52	2	-	-41.52	Peak	10	Pass
NVNT	n40	5755	Ant2	5700	-53.07	2	0.24	-50.83	Average	10	Pass
NVNT	n40	5755	Ant2	5720	-30.1	2	-	-28.1	Peak	15.6	Pass
NVNT	n40	5755	Ant2	5720	-43.82	2	0.24	-41.58	Average	15.6	Pass
NVNT	n40	5755	Ant2	5725	-29.52	2	-	-27.52	Peak	27	Pass



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NVNT	n40	5755	Ant2	5725	-41.29	2	0.24	-39.05	Average	27	Pass
NVNT	n40	5795	Ant2	5850	-46.81	2	-	-44.81	Peak	27	Pass
NVNT	n40	5795	Ant2	5850	-55.65	2	0.24	-53.41	Average	27	Pass
NVNT	n40	5795	Ant2	5855	-47.68	2	-	-45.68	Peak	15.6	Pass
NVNT	n40	5795	Ant2	5855	-55.55	2	0.24	-53.31	Average	15.6	Pass
NVNT	n40	5795	Ant2	5875	-49.44	2	-	-47.44	Peak	10	Pass
NVNT	n40	5795	Ant2	5875	-56.47	2	0.24	-54.23	Average	10	Pass
NVNT	n40	5795	Ant2	5925	-48.41	2	-	-46.41	Peak	-27	Pass
NVNT	n40	5795	Ant2	5925	-56.29	2	0.24	-54.05	Average	-27	Pass
NVNT	ac20	5745	Ant2	5650	-49.51	2	-	-47.51	Peak	-27	Pass
NVNT	ac20	5745	Ant2	5650	-56.36	2	0.12	-54.24	Average	-27	Pass
NVNT	ac20	5745	Ant2	5700	-44.98	2	-	-42.98	Peak	10	Pass
NVNT	ac20	5745	Ant2	5700	-54.2	2	0.12	-52.08	Average	10	Pass
NVNT	ac20	5745	Ant2	5720	-29.45	2	-	-27.45	Peak	15.6	Pass
NVNT	ac20	5745	Ant2	5720	-44.59	2	0.12	-42.47	Average	15.6	Pass
NVNT	ac20	5745	Ant2	5725	-23.91	2	-	-21.91	Peak	27	Pass
NVNT	ac20	5745	Ant2	5725	-37.4	2	0.12	-35.28	Average	27	Pass
NVNT	ac20	5825	Ant2	5850	-33.07	2	-	-31.07	Peak	27	Pass
NVNT	ac20	5825	Ant2	5850	-46.19	2	0.12	-44.07	Average	27	Pass
NVNT	ac20	5825	Ant2	5855	-39.77	2	-	-37.77	Peak	15.6	Pass
NVNT	ac20	5825	Ant2	5855	-50.55	2	0.12	-48.43	Average	15.6	Pass
NVNT	ac20	5825	Ant2	5875	-46.08	2	-	-44.08	Peak	10	Pass
NVNT	ac20	5825	Ant2	5875	-54.63	2	0.12	-52.51	Average	10	Pass
NVNT	ac20	5825	Ant2	5925	-46.65	2	-	-44.65	Peak	-27	Pass
NVNT	ac20	5825	Ant2	5925	-55.09	2	0.12	-52.97	Average	-27	Pass
NVNT	ac40	5755	Ant2	5650	-46.57	2	-	-44.57	Peak	-27	Pass
NVNT	ac40	5755	Ant2	5650	-55.44	2	0.24	-53.2	Average	-27	Pass
NVNT	ac40	5755	Ant2	5700	-45	2	-	-43	Peak	10	Pass
NVNT	ac40	5755	Ant2	5700	-53.29	2	0.24	-51.05	Average	10	Pass
NVNT	ac40	5755	Ant2	5720	-27.45	2	-	-25.45	Peak	15.6	Pass
NVNT	ac40	5755	Ant2	5720	-43.01	2	0.24	-40.77	Average	15.6	Pass
NVNT	ac40	5755	Ant2	5725	-26.16	2	-	-24.16	Peak	27	Pass
NVNT	ac40	5755	Ant2	5725	-41.04	2	0.24	-38.8	Average	27	Pass
NVNT	ac40	5795	Ant2	5850	-47.38	2	-	-45.38	Peak	27	Pass
NVNT	ac40	5795	Ant2	5850	-54.53	2	0.24	-52.29	Average	27	Pass
NVNT	ac40	5795	Ant2	5855	-47.47	2	-	-45.47	Peak	15.6	Pass
NVNT	ac40	5795	Ant2	5855	-55.16	2	0.24	-52.92	Average	15.6	Pass
NVNT	ac40	5795	Ant2	5875	-47.58	2	-	-45.58	Peak	10	Pass
NVNT	ac40	5795	Ant2	5875	-56.21	2	0.24	-53.97	Average	10	Pass
NVNT	ac40	5795	Ant2	5925	-48.74	2	-	-46.74	Peak	-27	Pass
NVNT	ac40	5795	Ant2	5925	-56.37	2	0.24	-54.13	Average	-27	Pass
NVNT	ac80	5775	Ant2	5650	-47.25	2	-	-45.25	Peak	-27	Pass
NVNT	ac80	5775	Ant2	5650	-55.13	2	0.47	-52.66	Average	-27	Pass



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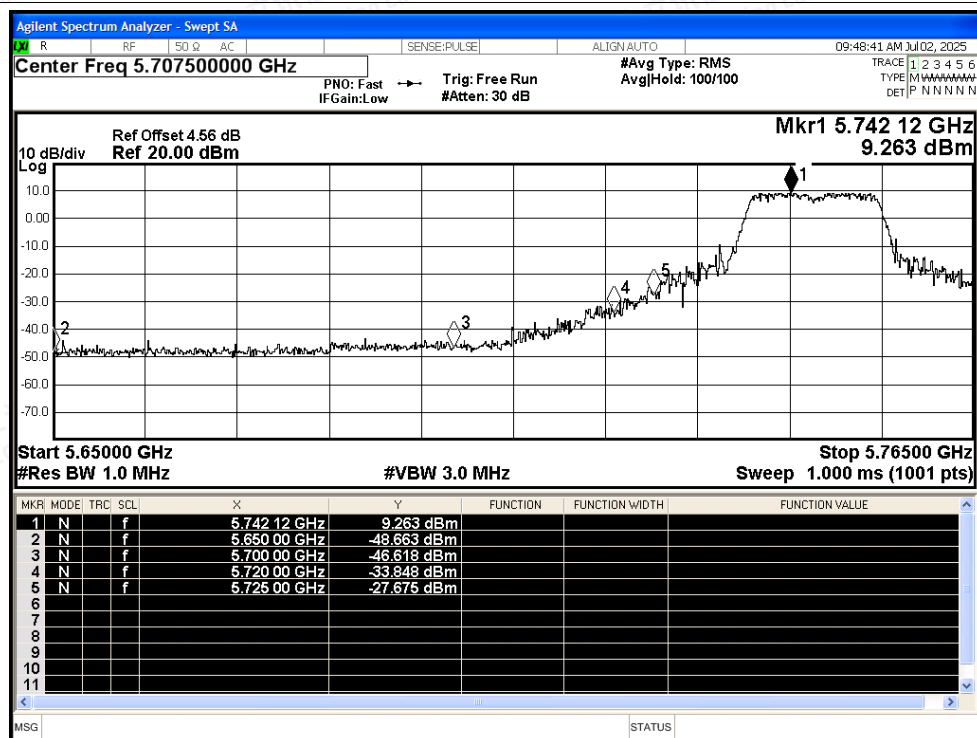
NVNT	ac80	5775	Ant2	5700	-44.37	2	-	-42.37	Peak	10	Pass
NVNT	ac80	5775	Ant2	5700	-52.86	2	0.47	-50.39	Average	10	Pass
NVNT	ac80	5775	Ant2	5720	-35.48	2	-	-33.48	Peak	15.6	Pass
NVNT	ac80	5775	Ant2	5720	-49.07	2	0.47	-46.6	Average	15.6	Pass
NVNT	ac80	5775	Ant2	5725	-34.07	2	-	-32.07	Peak	27	Pass
NVNT	ac80	5775	Ant2	5725	-46.37	2	0.47	-43.9	Average	27	Pass
NVNT	ac80	5775	Ant2	5850	-43.07	2	-	-41.07	Peak	27	Pass
NVNT	ac80	5775	Ant2	5850	-52.6	2	0.47	-50.13	Average	27	Pass
NVNT	ac80	5775	Ant2	5855	-43.05	2	-	-41.05	Peak	15.6	Pass
NVNT	ac80	5775	Ant2	5855	-53.82	2	0.47	-51.35	Average	15.6	Pass
NVNT	ac80	5775	Ant2	5875	-46.28	2	-	-44.28	Peak	10	Pass
NVNT	ac80	5775	Ant2	5875	-54.56	2	0.47	-52.09	Average	10	Pass
NVNT	ac80	5775	Ant2	5925	-49.21	2	-	-47.21	Peak	-27	Pass
NVNT	ac80	5775	Ant2	5925	-55.76	2	0.47	-53.29	Average	-27	Pass



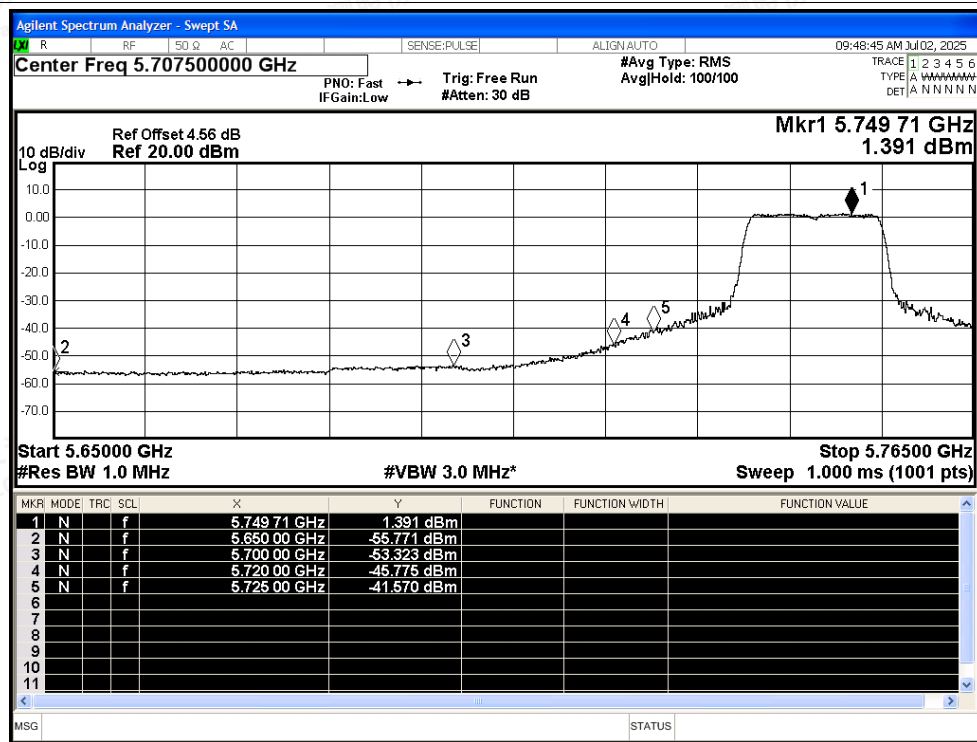


Test Graphs

Restrict Band NVNT a 5745MHz Ant2 Peak



Restrict Band NVNT a 5745MHz Ant2 Average



Shenzhen LCS Compliance Testing Laboratory Ltd.

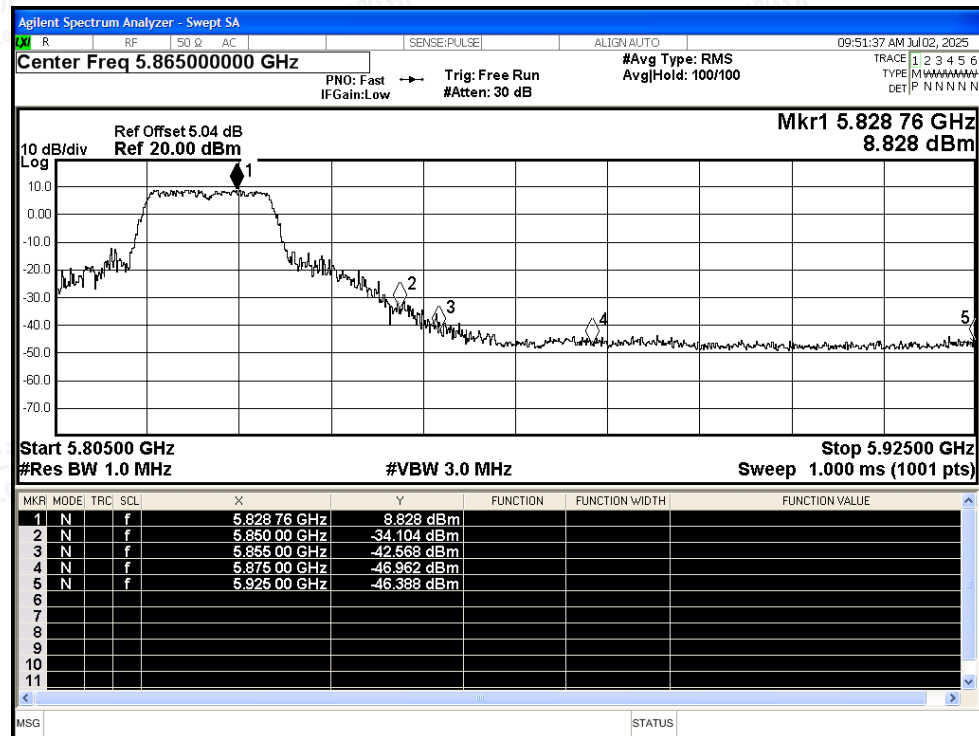
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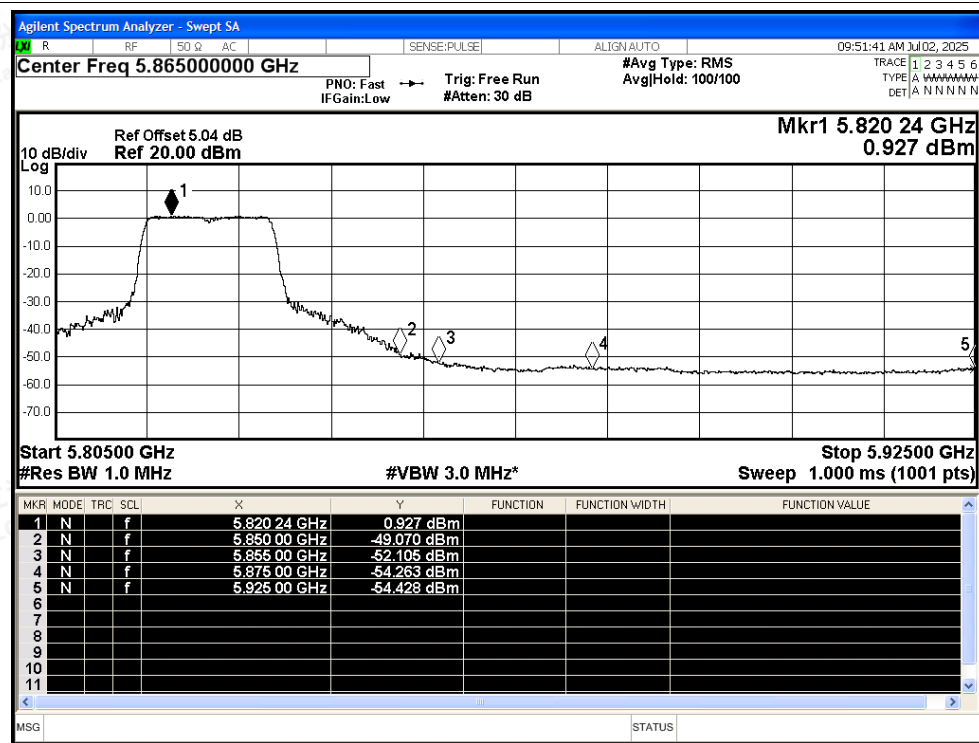
Scan code to check authenticity



Restrict Band NVNT a 5825MHz Ant2 Peak



Restrict Band NVNT a 5825MHz Ant2 Average



Shenzhen LCS Compliance Testing Laboratory Ltd.

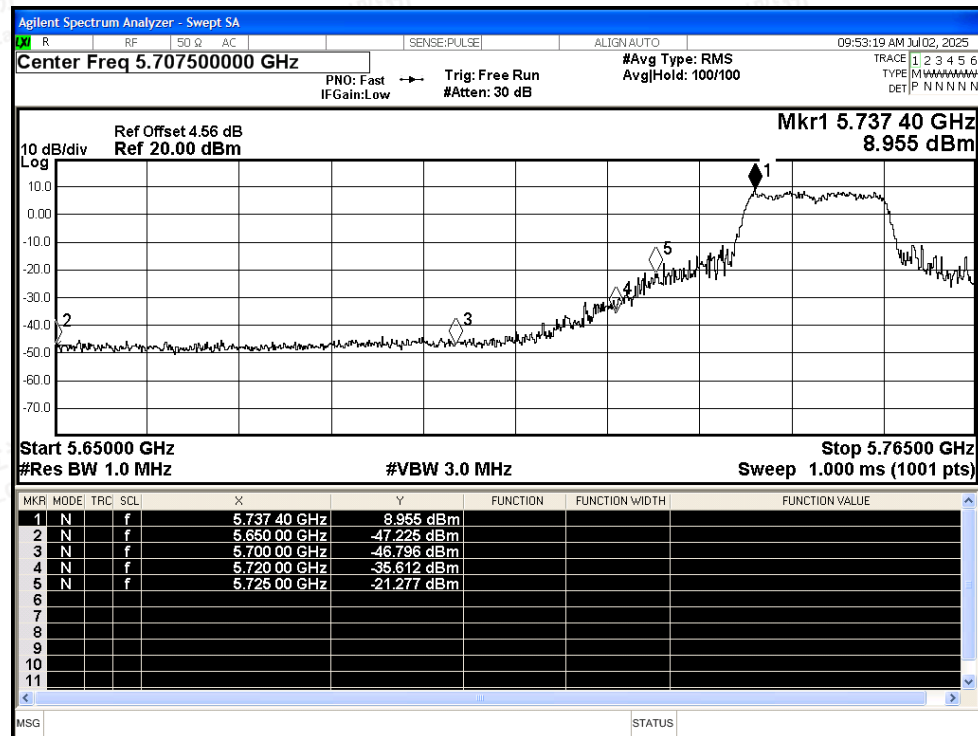
Add: 101, 201 Bldg A & 301 Bldg C, Juji Industrial Park Yabianxueziwei, Shajing Street, Baoan District, Shenzhen, 518000, China

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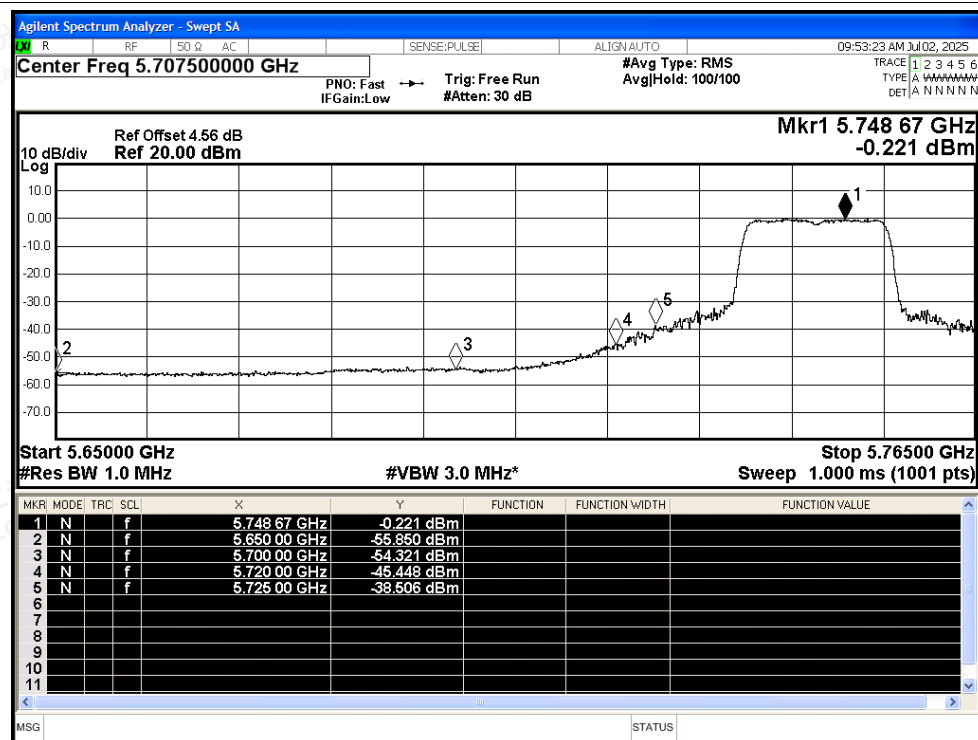
Scan code to check authenticity



Restrict Band NVNT n20 5745MHz Ant2 Peak



Restrict Band NVNT n20 5745MHz Ant2 Average



Shenzhen LCS Compliance Testing Laboratory Ltd.

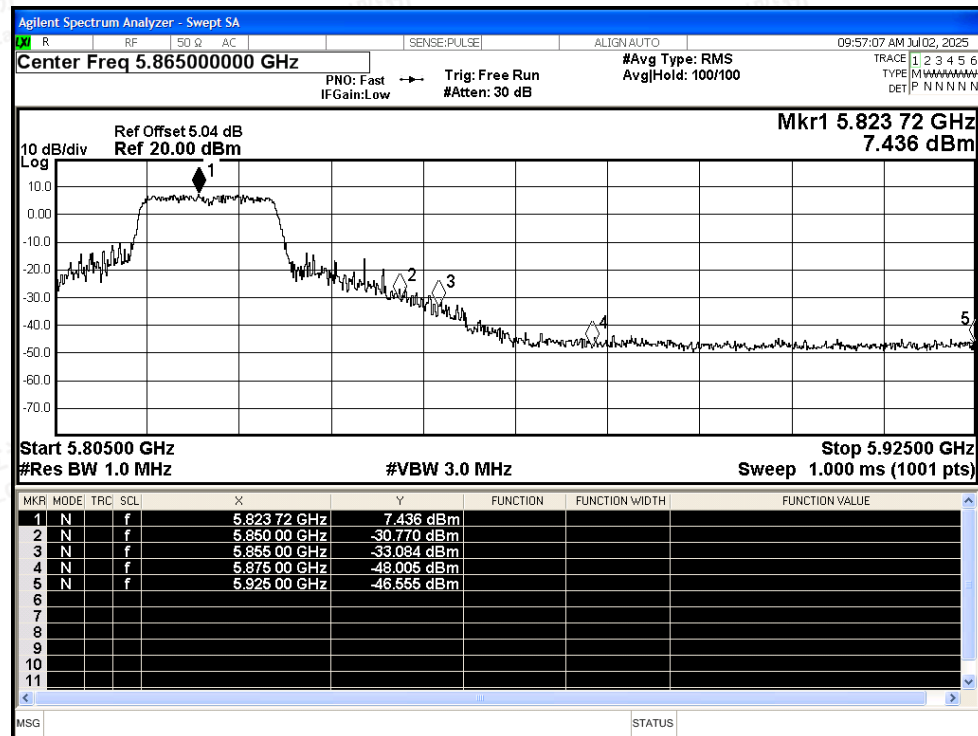
Add: 101, 201 Bldg A & 301 Bldg C, Juji Industrial Park Yabianxueziwei, Shajing Street, Baoan District, Shenzhen, 518000, China

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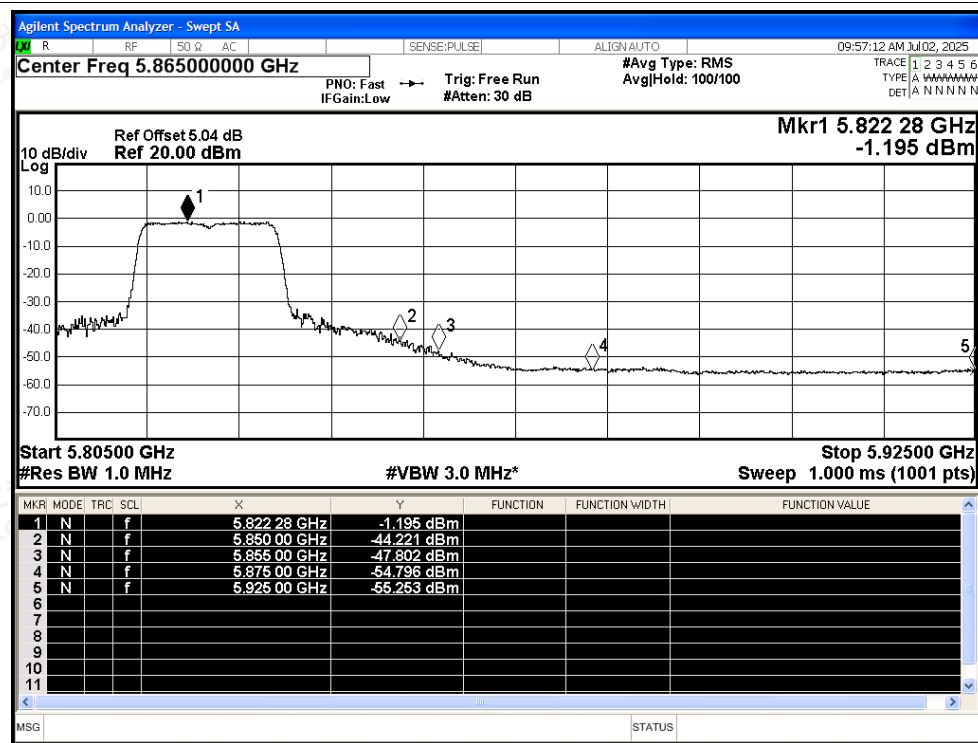
Scan code to check authenticity



Restrict Band NVNT n20 5825MHz Ant2 Peak



Restrict Band NVNT n20 5825MHz Ant2 Average



Shenzhen LCS Compliance Testing Laboratory Ltd.

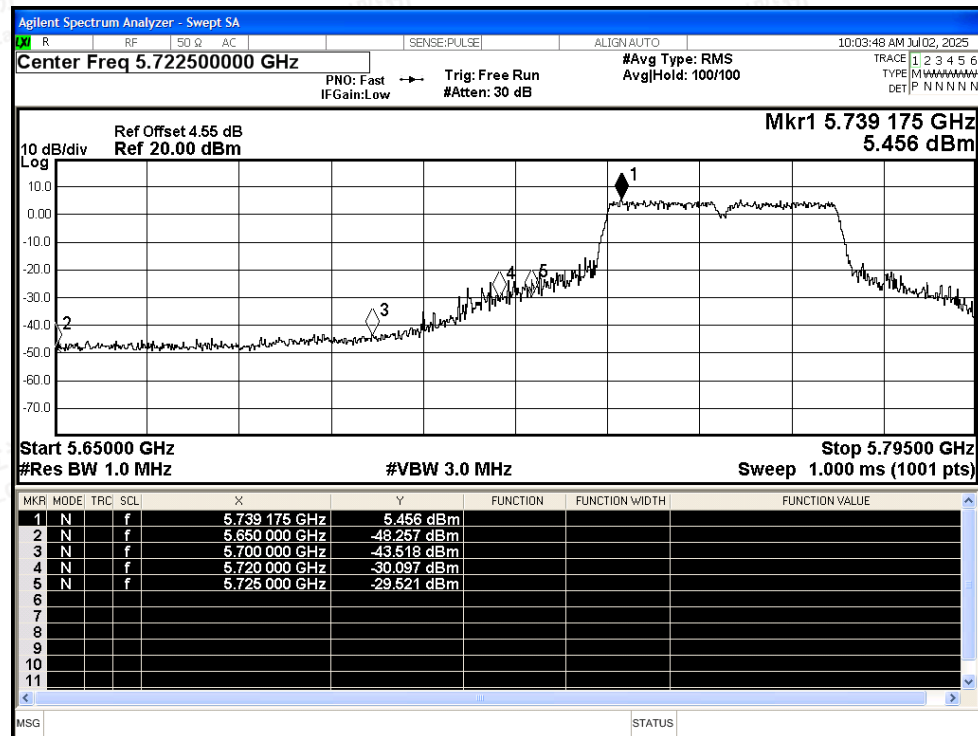
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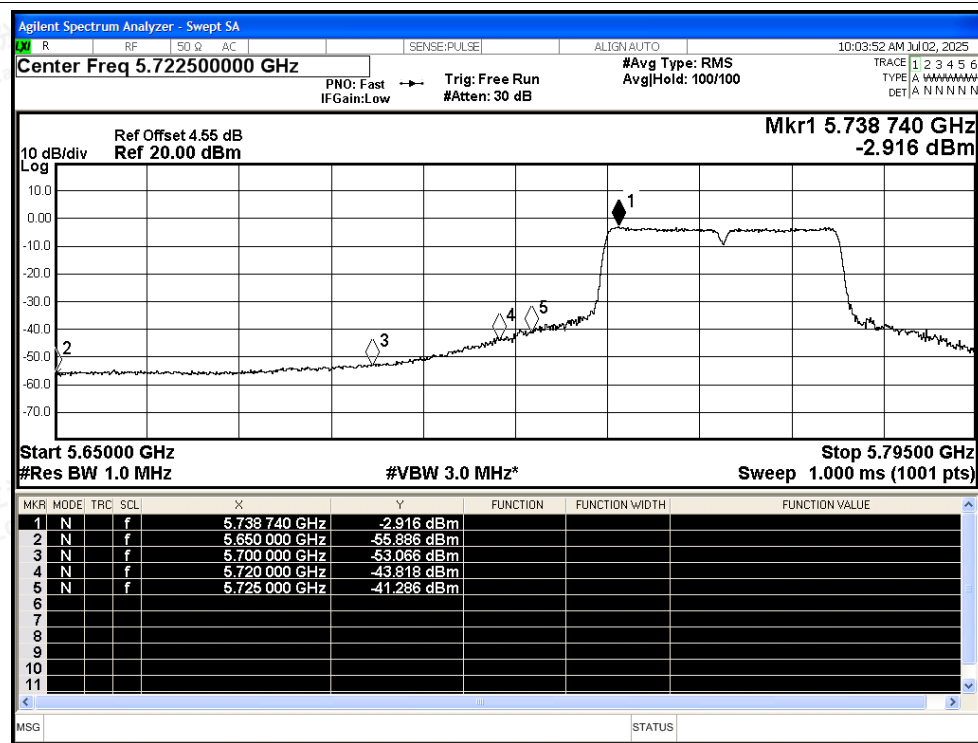
Scan code to check authenticity



Restrict Band NVNT n40 5755MHz Ant2 Peak



Restrict Band NVNT n40 5755MHz Ant2 Average



Shenzhen LCS Compliance Testing Laboratory Ltd.

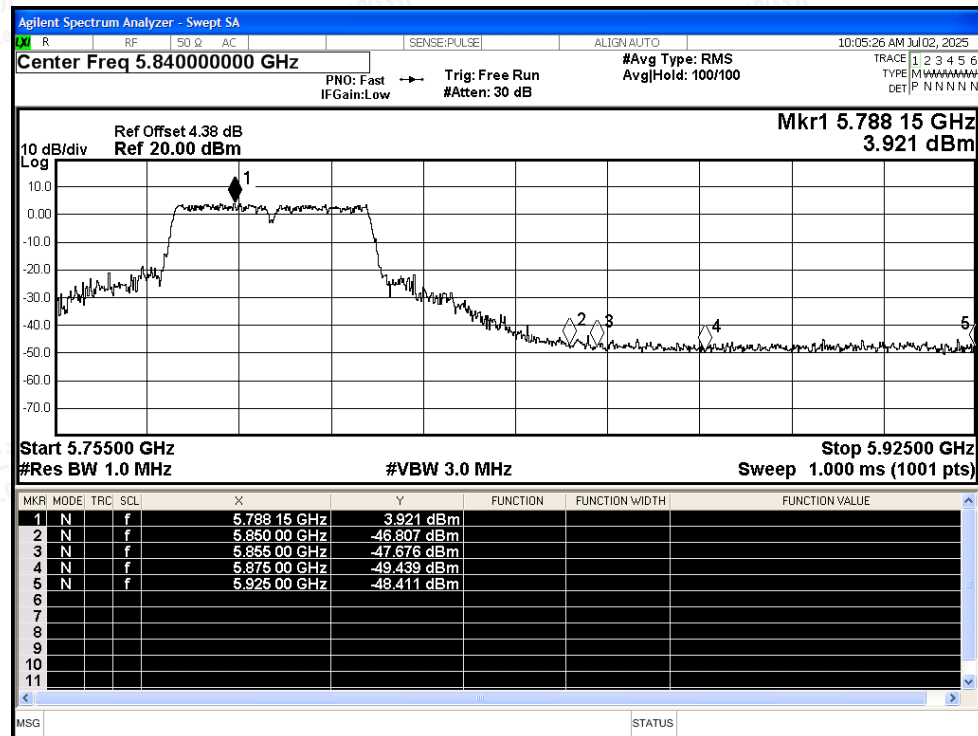
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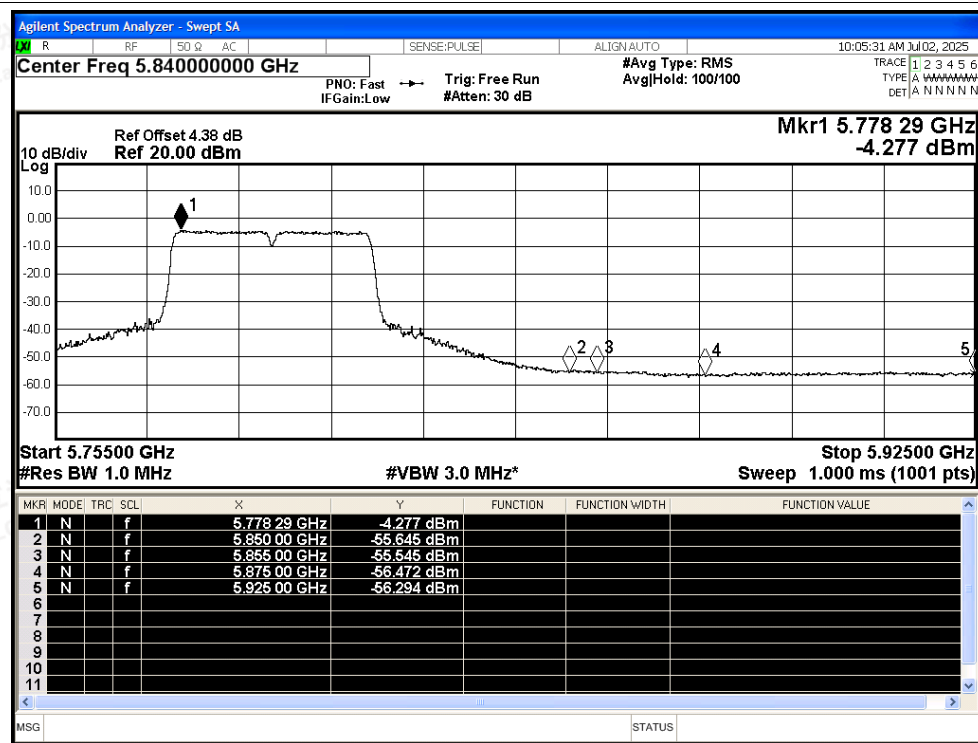
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Restrict Band NVNT n40 5795MHz Ant2 Peak



Restrict Band NVNT n40 5795MHz Ant2 Average



Shenzhen LCS Compliance Testing Laboratory Ltd.

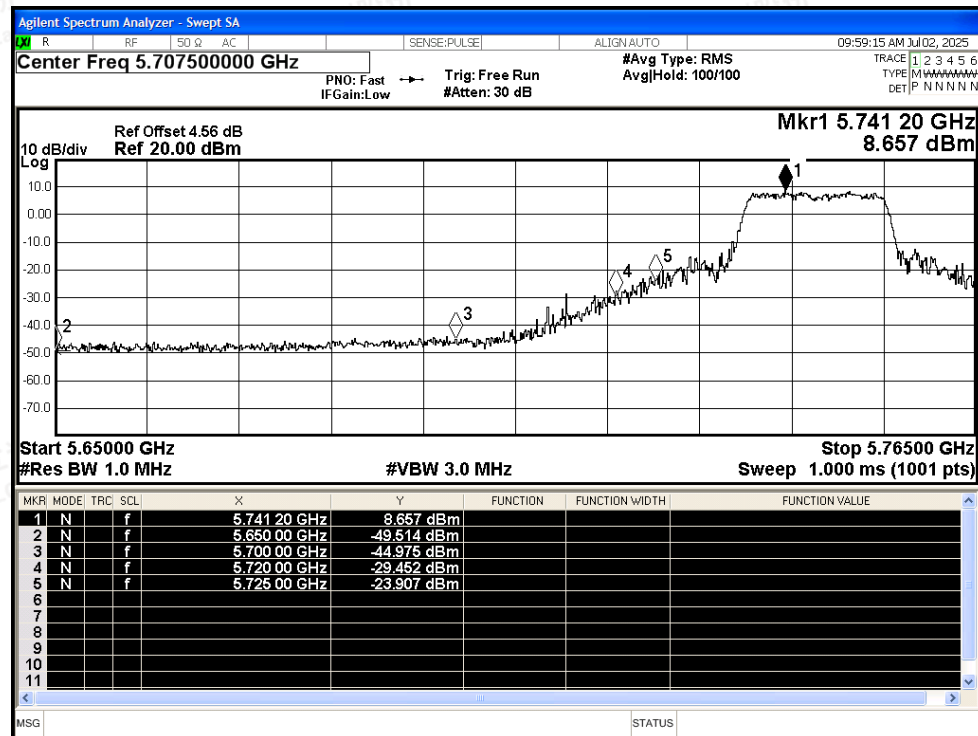
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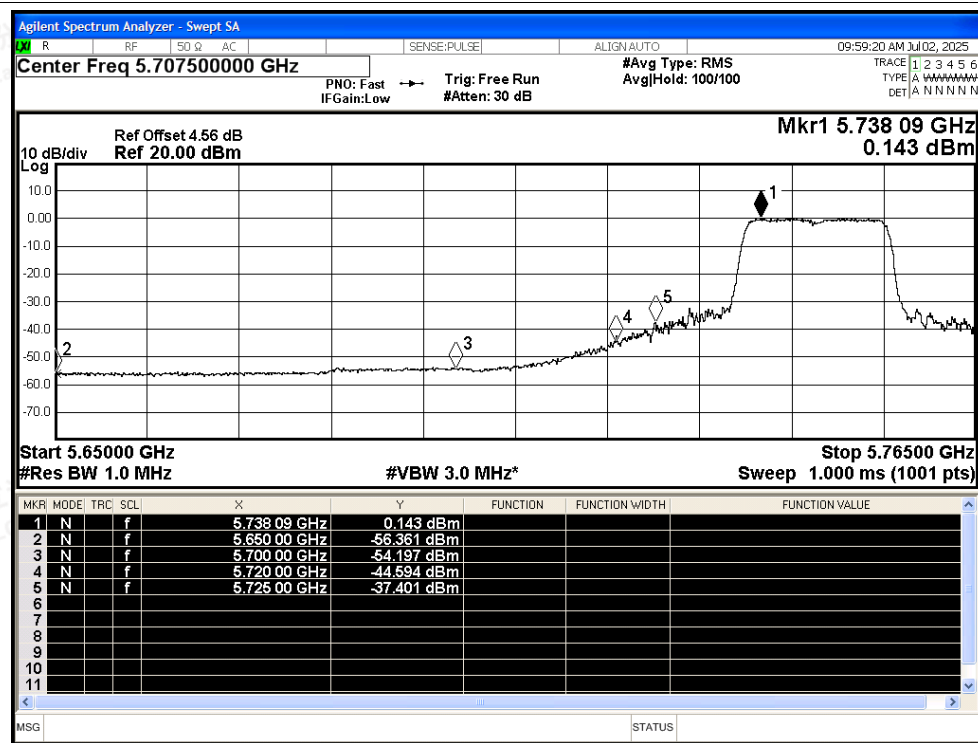
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Restrict Band NVNT ac20 5745MHz Ant2 Peak



Restrict Band NVNT ac20 5745MHz Ant2 Average



Shenzhen LCS Compliance Testing Laboratory Ltd.

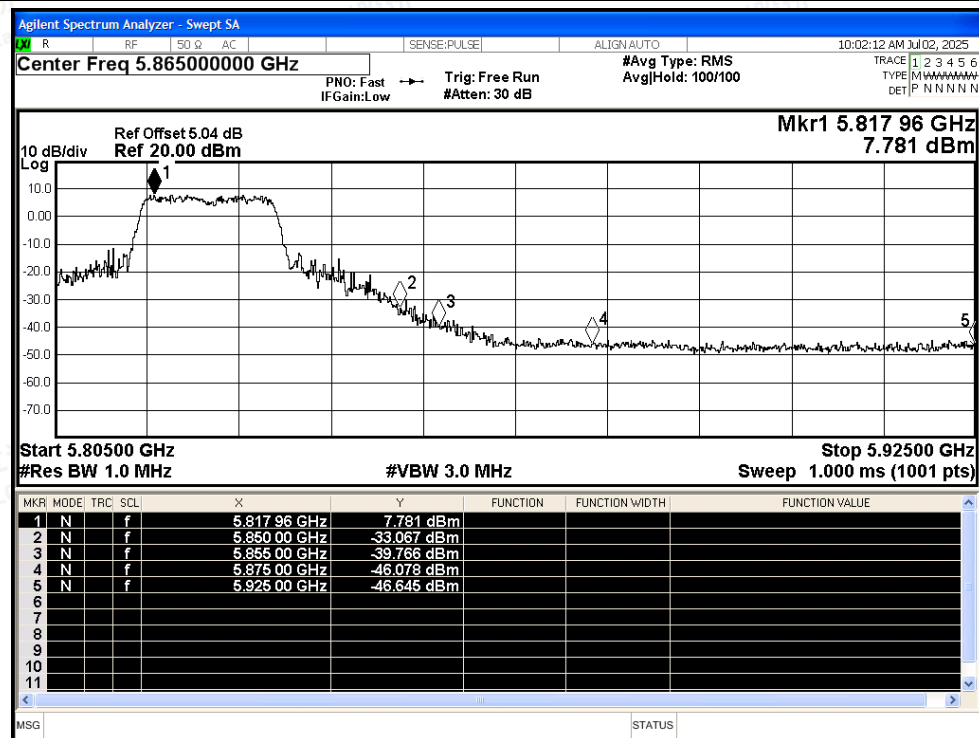
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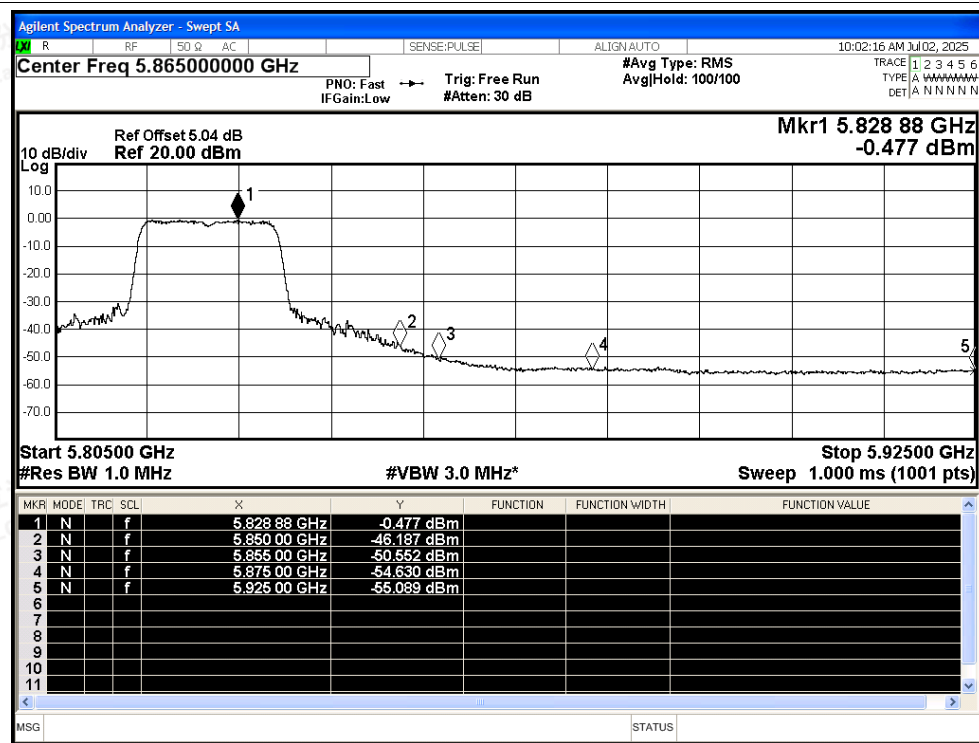
Scan code to check authenticity



Restrict Band NVNT ac20 5825MHz Ant2 Peak



Restrict Band NVNT ac20 5825MHz Ant2 Average



Shenzhen LCS Compliance Testing Laboratory Ltd.

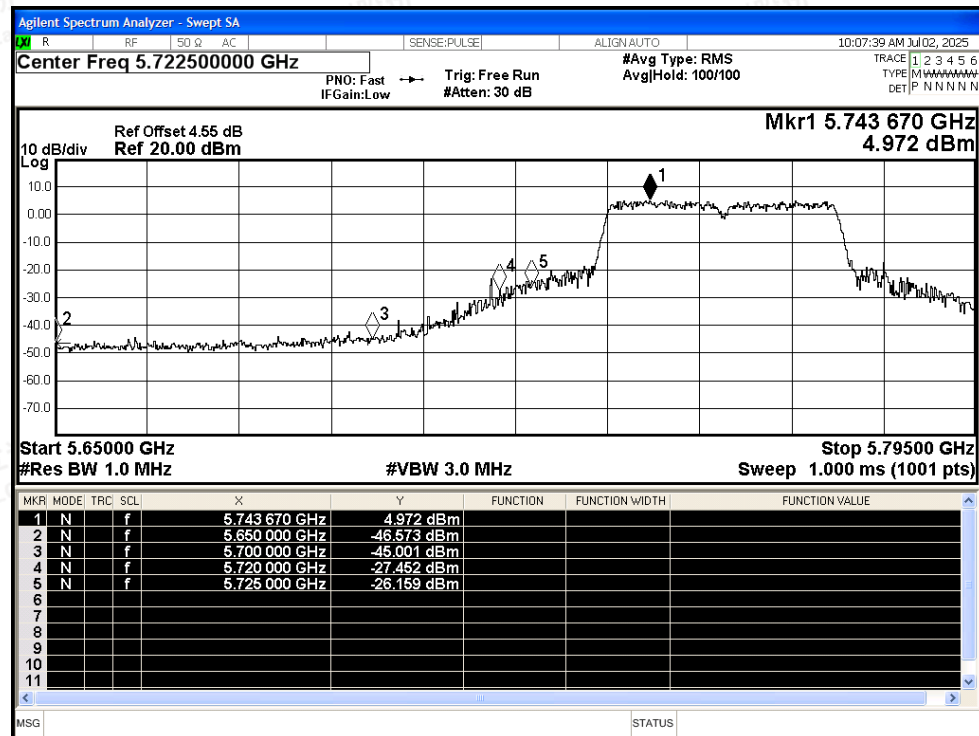
Add: 101, 201 Bldg A & 301 Bldg C, Juji Industrial Park Yabianxueziwei, Shajing Street, Baoan District, Shenzhen, 518000, China

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

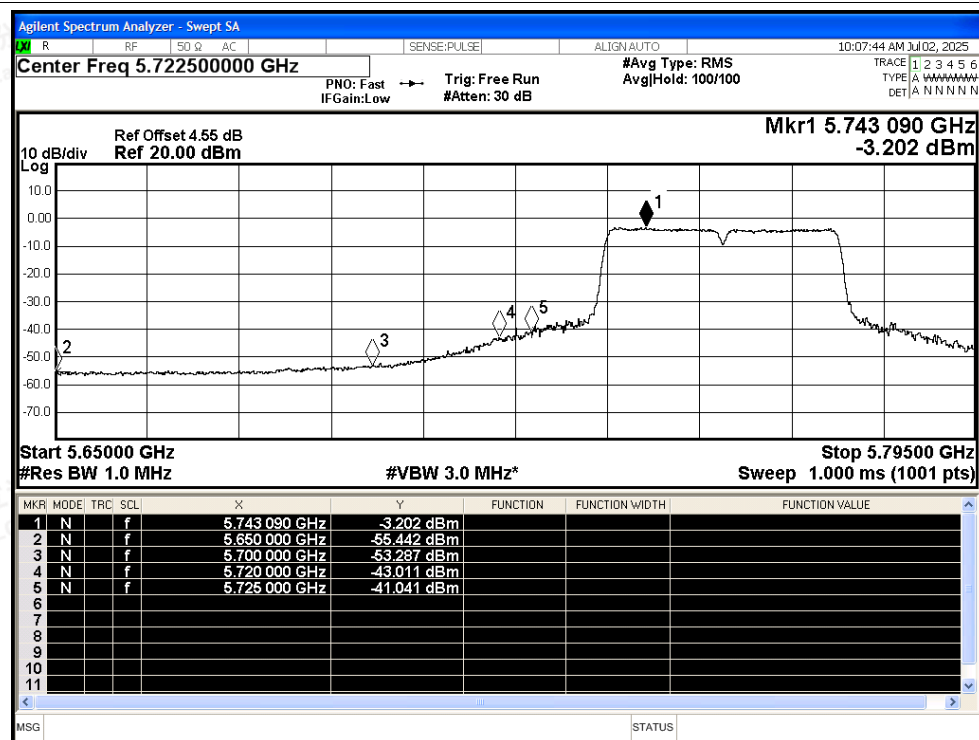
Scan code to check authenticity



Restrict Band NVNT ac40 5755MHz Ant2 Peak



Restrict Band NVNT ac40 5755MHz Ant2 Average



Shenzhen LCS Compliance Testing Laboratory Ltd.

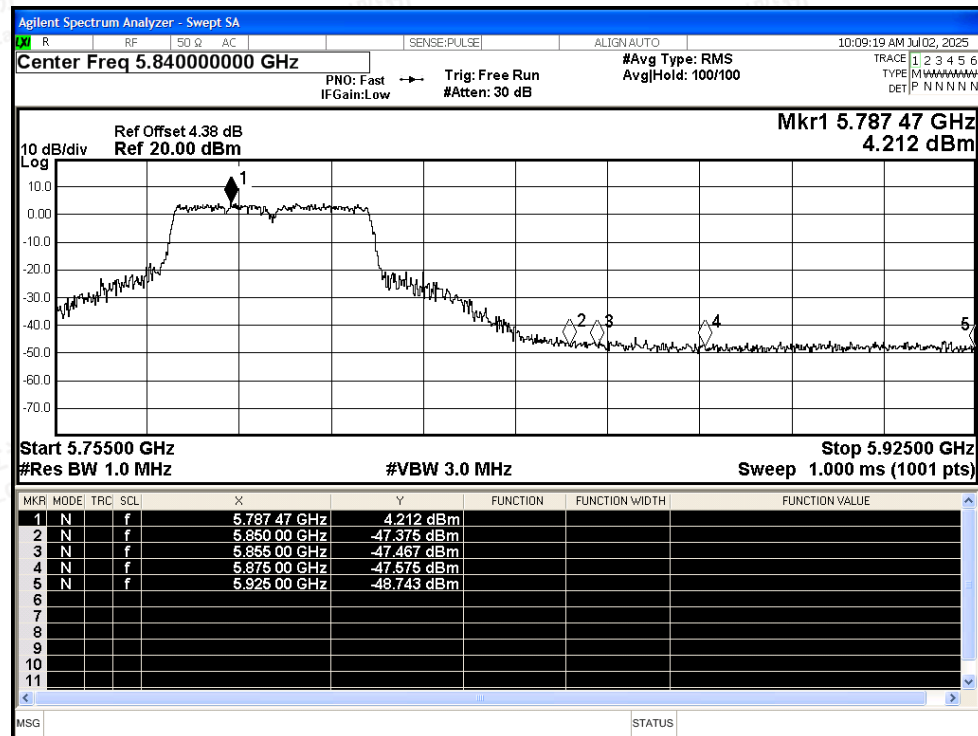
Add: 101, 201 Bldg A & 301 Bldg C, Juji Industrial Park Yabianxueziwei, Shajing Street, Baoan District, Shenzhen, 518000, China

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

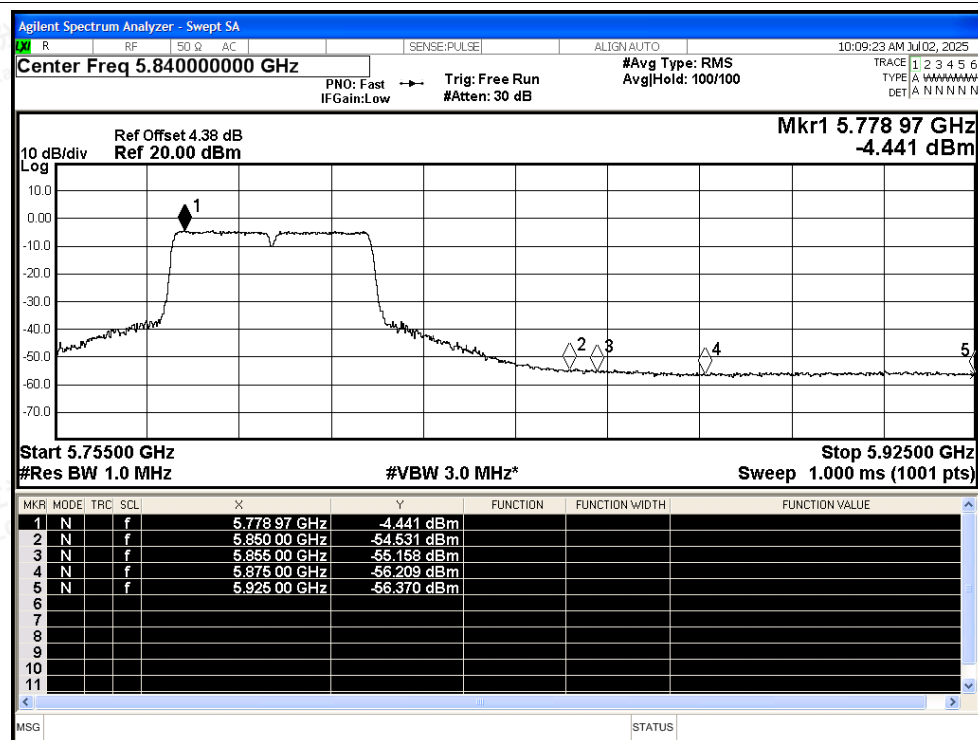
Scan code to check authenticity



Restrict Band NVNT ac40 5795MHz Ant2 Peak



Restrict Band NVNT ac40 5795MHz Ant2 Average



Shenzhen LCS Compliance Testing Laboratory Ltd.

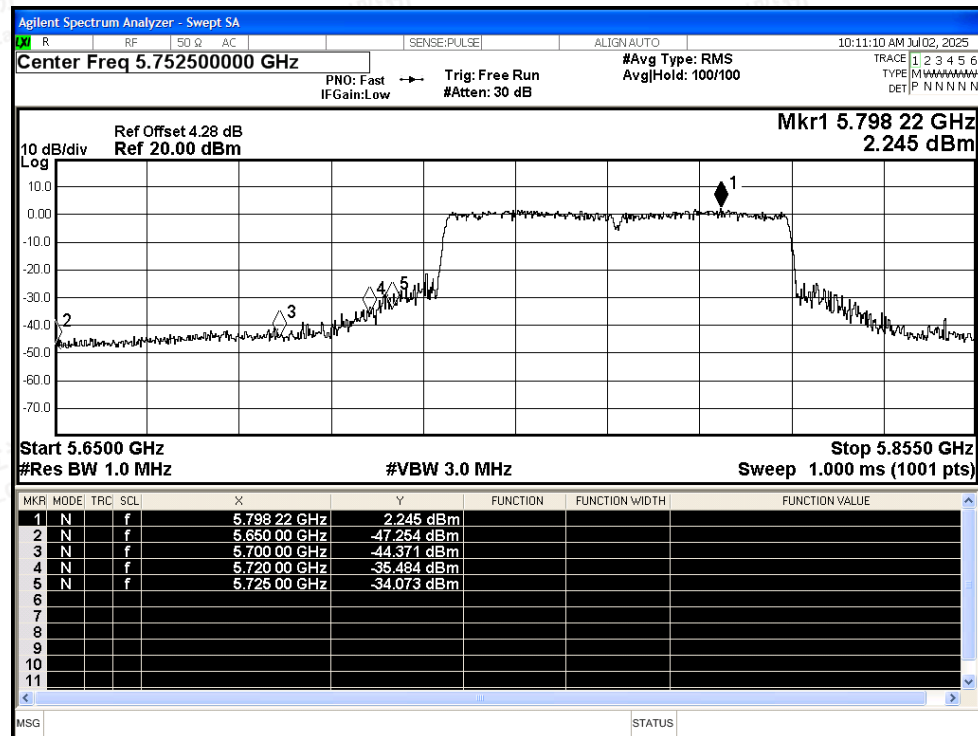
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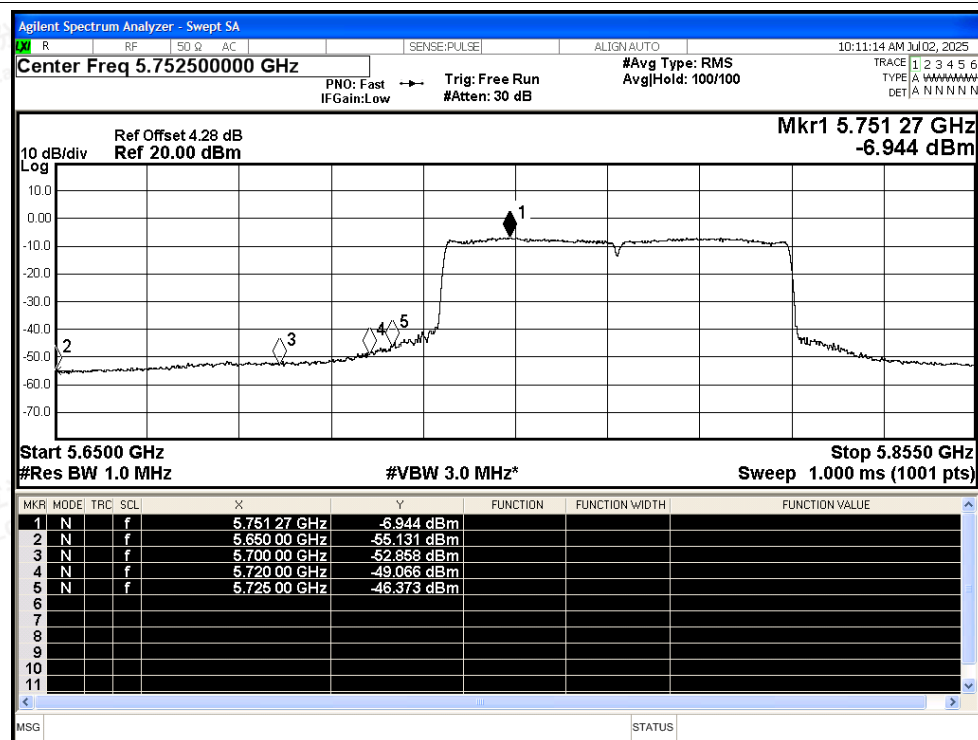
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Restrict Band NVNT ac80 5775MHz Ant2 Peak



Restrict Band NVNT ac80 5775MHz Ant2 Average



Shenzhen LCS Compliance Testing Laboratory Ltd.

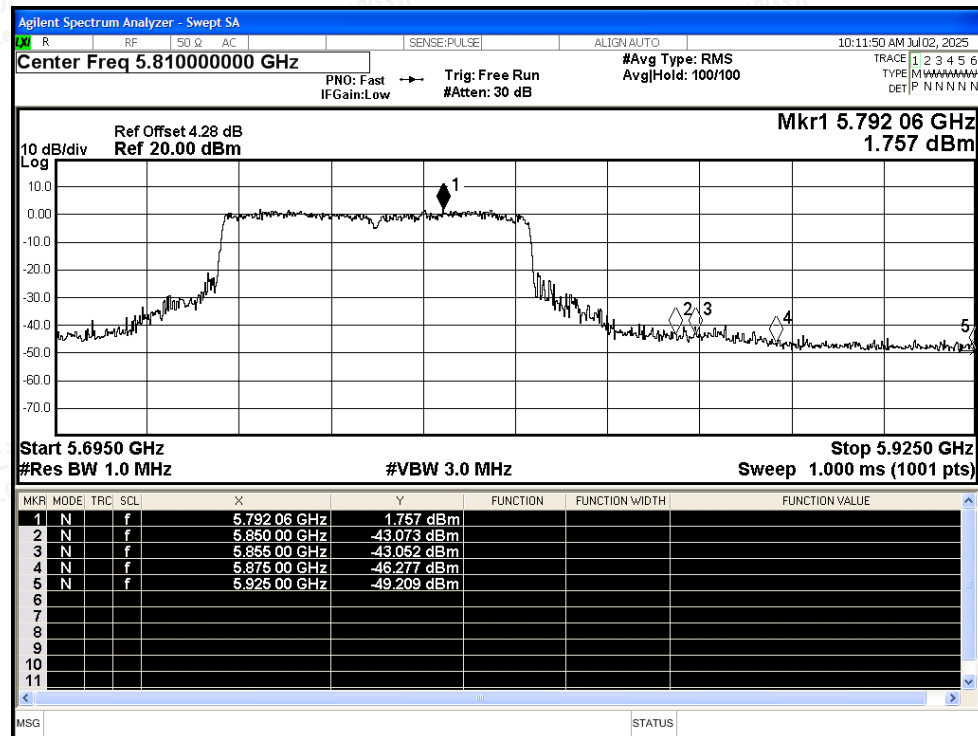
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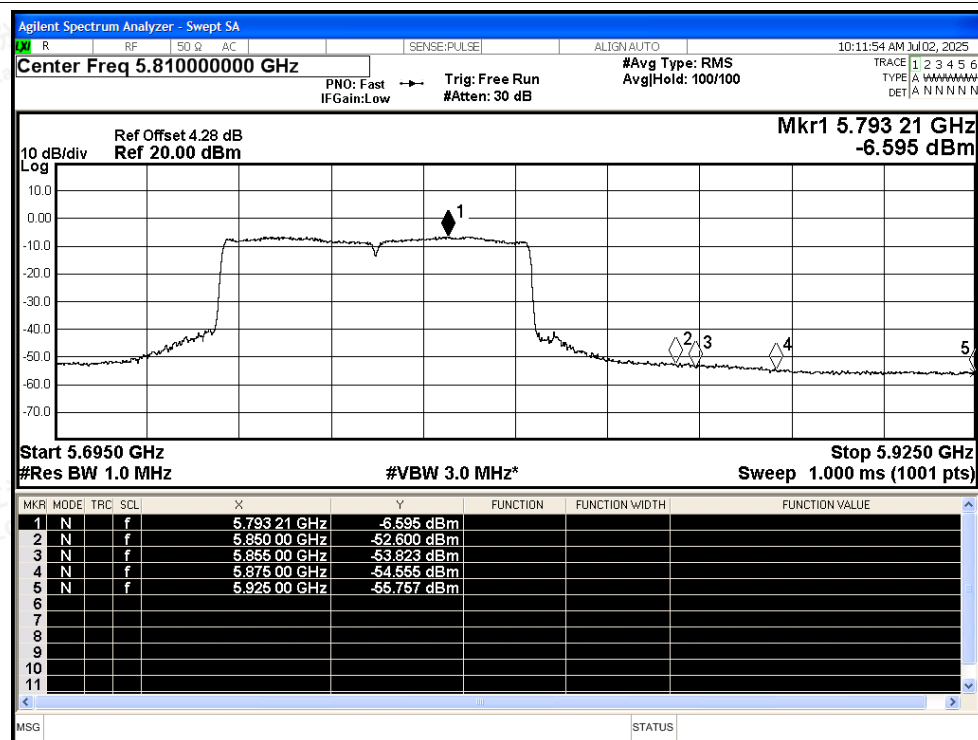
Scan code to check authenticity



Restrict Band NVNT ac80 5775MHz Ant2 Peak



Restrict Band NVNT ac80 5775MHz Ant2 Average



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MIMO

Condition	Mode	Frequency (MHz)	Ant1 Power (dBm)	Ant2 Power (dBm)	Gain (dBi)	EIRP Power (dBm)	Detector	Limit (dBm)	Verdict
NVNT	n20	5745	-47.31	-47.23	5.01	-39.25	Peak	-27	Pass
NVNT	n20	5745	-56.67	-55.85	5.01	-48.22	Average	-27	Pass
NVNT	n20	5745	-46.91	-46.8	5.01	-38.83	Peak	10	Pass
NVNT	n20	5745	-54.17	-54.32	5.01	-46.22	Average	10	Pass
NVNT	n20	5745	-29.11	-35.61	5.01	-23.22	Peak	15.6	Pass
NVNT	n20	5745	-46.6	-45.45	5.01	-37.97	Average	15.6	Pass
NVNT	n20	5745	-25.05	-21.28	5.01	-14.75	Peak	27	Pass
NVNT	n20	5745	-40.4	-38.51	5.01	-31.33	Average	27	Pass
NVNT	n20	5825	-32.73	-30.77	5.01	-23.62	Peak	27	Pass
NVNT	n20	5825	-45.19	-44.22	5.01	-36.66	Average	27	Pass
NVNT	n20	5825	-38.92	-33.08	5.01	-27.06	Peak	15.6	Pass
NVNT	n20	5825	-49.88	-47.8	5.01	-40.70	Average	15.6	Pass
NVNT	n20	5825	-46.06	-48.01	5.01	-38.91	Peak	10	Pass
NVNT	n20	5825	-53.99	-54.8	5.01	-46.36	Average	10	Pass
NVNT	n20	5825	-47.6	-46.56	5.01	-39.03	Peak	-27	Pass
NVNT	n20	5825	-55.1	-55.25	5.01	-47.15	Average	-27	Pass
NVNT	n40	5755	-47.18	-48.26	5.01	-39.67	Peak	-27	Pass
NVNT	n40	5755	-56.26	-55.89	5.01	-48.05	Average	-27	Pass
NVNT	n40	5755	-46.09	-43.52	5.01	-36.60	Peak	10	Pass
NVNT	n40	5755	-53.31	-53.07	5.01	-45.17	Average	10	Pass
NVNT	n40	5755	-29.83	-30.1	5.01	-21.94	Peak	15.6	Pass
NVNT	n40	5755	-45.46	-43.82	5.01	-36.54	Average	15.6	Pass
NVNT	n40	5755	-27.37	-29.52	5.01	-20.29	Peak	27	Pass
NVNT	n40	5755	-41.58	-41.29	5.01	-33.41	Average	27	Pass
NVNT	n40	5795	-45.96	-46.81	5.01	-38.34	Peak	27	Pass
NVNT	n40	5795	-55.59	-55.65	5.01	-47.60	Average	27	Pass
NVNT	n40	5795	-46.18	-47.68	5.01	-38.85	Peak	15.6	Pass
NVNT	n40	5795	-55.11	-55.55	5.01	-47.30	Average	15.6	Pass
NVNT	n40	5795	-47.12	-49.44	5.01	-40.11	Peak	10	Pass
NVNT	n40	5795	-56.34	-56.47	5.01	-48.38	Average	10	Pass
NVNT	n40	5795	-48.59	-48.41	5.01	-40.48	Peak	-27	Pass
NVNT	n40	5795	-56.45	-56.29	5.01	-48.35	Average	-27	Pass
NVNT	ac20	5745	-47.82	-49.51	5.01	-40.56	Peak	-27	Pass
NVNT	ac20	5745	-55.87	-56.36	5.01	-48.09	Average	-27	Pass
NVNT	ac20	5745	-45.64	-44.98	5.01	-37.28	Peak	10	Pass
NVNT	ac20	5745	-54.62	-54.2	5.01	-46.38	Average	10	Pass
NVNT	ac20	5745	-31.1	-29.45	5.01	-22.18	Peak	15.6	Pass
NVNT	ac20	5745	-47.62	-44.59	5.01	-37.83	Average	15.6	Pass
NVNT	ac20	5745	-25.79	-23.91	5.01	-16.73	Peak	27	Pass



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NVNT	ac20	5745	-40.06	-37.4	5.01	-30.51	Average	27	Pass
NVNT	ac20	5825	-31.86	-33.07	5.01	-24.40	Peak	27	Pass
NVNT	ac20	5825	-45.01	-46.19	5.01	-37.54	Average	27	Pass
NVNT	ac20	5825	-39.16	-39.77	5.01	-31.43	Peak	15.6	Pass
NVNT	ac20	5825	-50.46	-50.55	5.01	-42.48	Average	15.6	Pass
NVNT	ac20	5825	-45.78	-46.08	5.01	-37.91	Peak	10	Pass
NVNT	ac20	5825	-54.01	-54.63	5.01	-46.29	Average	10	Pass
NVNT	ac20	5825	-45.91	-46.65	5.01	-38.24	Peak	-27	Pass
NVNT	ac20	5825	-54.46	-55.09	5.01	-46.74	Average	-27	Pass
NVNT	ac40	5755	-47.68	-46.57	5.01	-39.07	Peak	-27	Pass
NVNT	ac40	5755	-55.86	-55.44	5.01	-47.62	Average	-27	Pass
NVNT	ac40	5755	-46.33	-45	5.01	-37.59	Peak	10	Pass
NVNT	ac40	5755	-53.37	-53.29	5.01	-45.31	Average	10	Pass
NVNT	ac40	5755	-29.01	-27.45	5.01	-20.14	Peak	15.6	Pass
NVNT	ac40	5755	-44.34	-43.01	5.01	-35.60	Average	15.6	Pass
NVNT	ac40	5755	-27.23	-26.16	5.01	-18.64	Peak	27	Pass
NVNT	ac40	5755	-42.28	-41.04	5.01	-33.60	Average	27	Pass
NVNT	ac40	5795	-46.12	-47.38	5.01	-38.68	Peak	27	Pass
NVNT	ac40	5795	-55.5	-54.53	5.01	-46.97	Average	27	Pass
NVNT	ac40	5795	-45.82	-47.47	5.01	-38.55	Peak	15.6	Pass
NVNT	ac40	5795	-55.37	-55.16	5.01	-47.24	Average	15.6	Pass
NVNT	ac40	5795	-47.93	-47.58	5.01	-39.73	Peak	10	Pass
NVNT	ac40	5795	-56.06	-56.21	5.01	-48.11	Average	10	Pass
NVNT	ac40	5795	-49.18	-48.74	5.01	-40.93	Peak	-27	Pass
NVNT	ac40	5795	-55.8	-56.37	5.01	-48.06	Average	-27	Pass
NVNT	ac80	5775	-47.78	-47.25	5.01	-39.49	Peak	-27	Pass
NVNT	ac80	5775	-55.05	-55.13	5.01	-47.07	Average	-27	Pass
NVNT	ac80	5775	-44.8	-44.37	5.01	-36.56	Peak	10	Pass
NVNT	ac80	5775	-53.65	-52.86	5.01	-45.22	Average	10	Pass
NVNT	ac80	5775	-38.44	-35.48	5.01	-28.69	Peak	15.6	Pass
NVNT	ac80	5775	-48.2	-49.07	5.01	-40.59	Average	15.6	Pass
NVNT	ac80	5775	-27.94	-34.07	5.01	-21.98	Peak	27	Pass
NVNT	ac80	5775	-45.18	-46.37	5.01	-37.71	Average	27	Pass
NVNT	ac80	5775	-43.54	-43.07	5.01	-35.28	Peak	27	Pass
NVNT	ac80	5775	-52.08	-52.6	5.01	-44.31	Average	27	Pass
NVNT	ac80	5775	-42.96	-43.05	5.01	-34.98	Peak	15.6	Pass
NVNT	ac80	5775	-52.73	-53.82	5.01	-45.22	Average	15.6	Pass
NVNT	ac80	5775	-43.5	-46.28	5.01	-36.65	Peak	10	Pass
NVNT	ac80	5775	-54.95	-54.56	5.01	-46.73	Average	10	Pass
NVNT	ac80	5775	-48.42	-49.21	5.01	-40.78	Peak	-27	Pass
NVNT	ac80	5775	-55.94	-55.76	5.01	-47.83	Average	-27	Pass



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E.5 Frequency Stability

Condition	Mode	Frequency (MHz)	Antenna	Measured Frequency (MHz)	Frequency Error (Hz)	Deviation (ppm)	Limit (ppm)	Verdict
NVNT	a	5745	Ant1	5744.98	-20000	-3.48	25	Pass
NVNT	a	5785	Ant1	5784.98	-20000	-3.46	25	Pass
NVNT	a	5825	Ant1	5825	0	0	25	Pass
NVNT	n20	5745	Ant1	5744.96	-40000	-6.96	25	Pass
NVNT	n20	5785	Ant1	5785	0	0	25	Pass
NVNT	n20	5825	Ant1	5824.98	-20000	-3.43	25	Pass
NVNT	n40	5755	Ant1	5754.96	-40000	-6.95	25	Pass
NVNT	n40	5795	Ant1	5794.96	-40000	-6.9	25	Pass
NVNT	ac20	5745	Ant1	5744.98	-20000	-3.48	25	Pass
NVNT	ac20	5785	Ant1	5784.98	-20000	-3.46	25	Pass
NVNT	ac20	5825	Ant1	5824.98	-20000	-3.43	25	Pass
NVNT	ac40	5755	Ant1	5754.96	-40000	-6.95	25	Pass
NVNT	ac40	5795	Ant1	5794.96	-40000	-6.9	25	Pass
NVNT	ac80	5775	Ant1	5775	0	0	25	Pass



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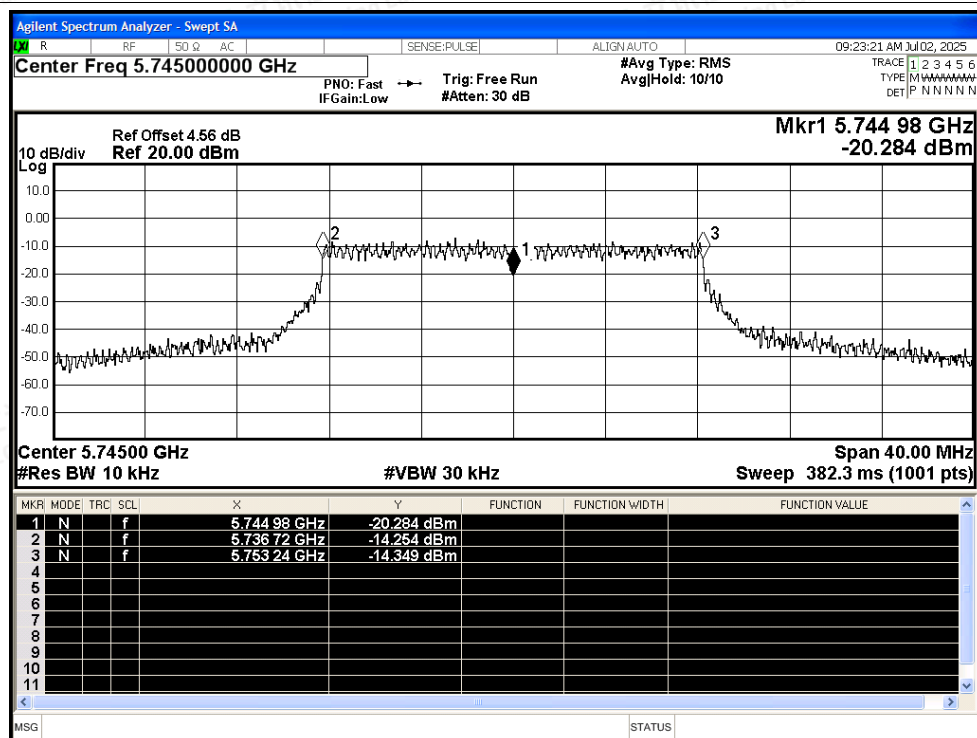
Tel: +(86) 0755-82591330 | E-mail: webmaster@lcs-cert.com | Web: www.lcs-cert.com

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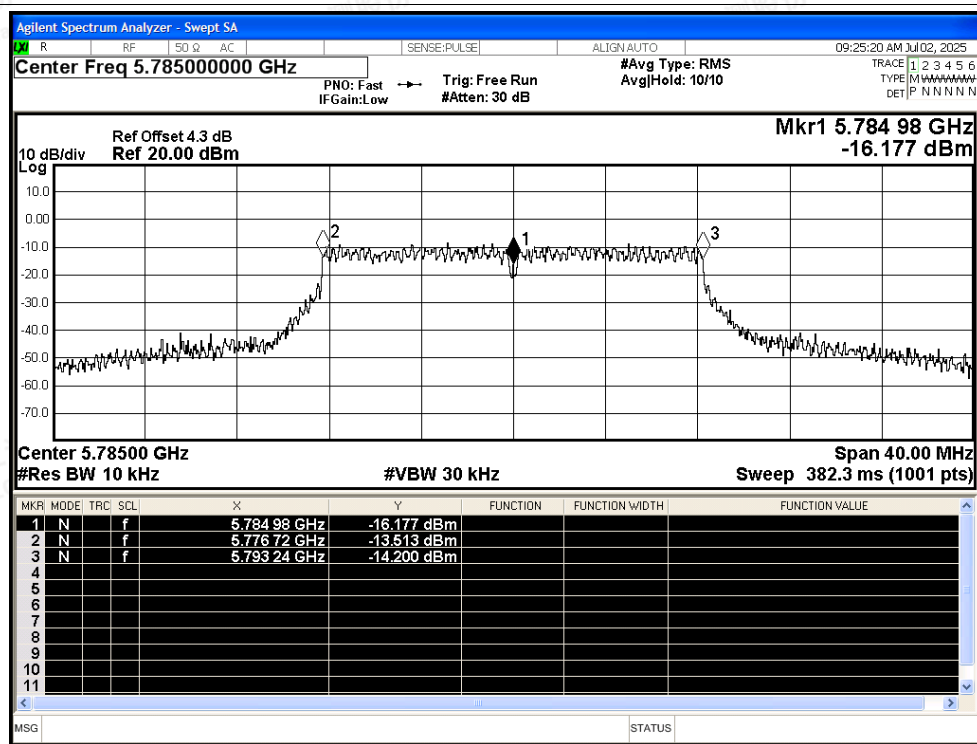


Test Graphs

Freq. Stability NVNT a 5745MHz Ant1



Freq. Stability NVNT a 5785MHz Ant1



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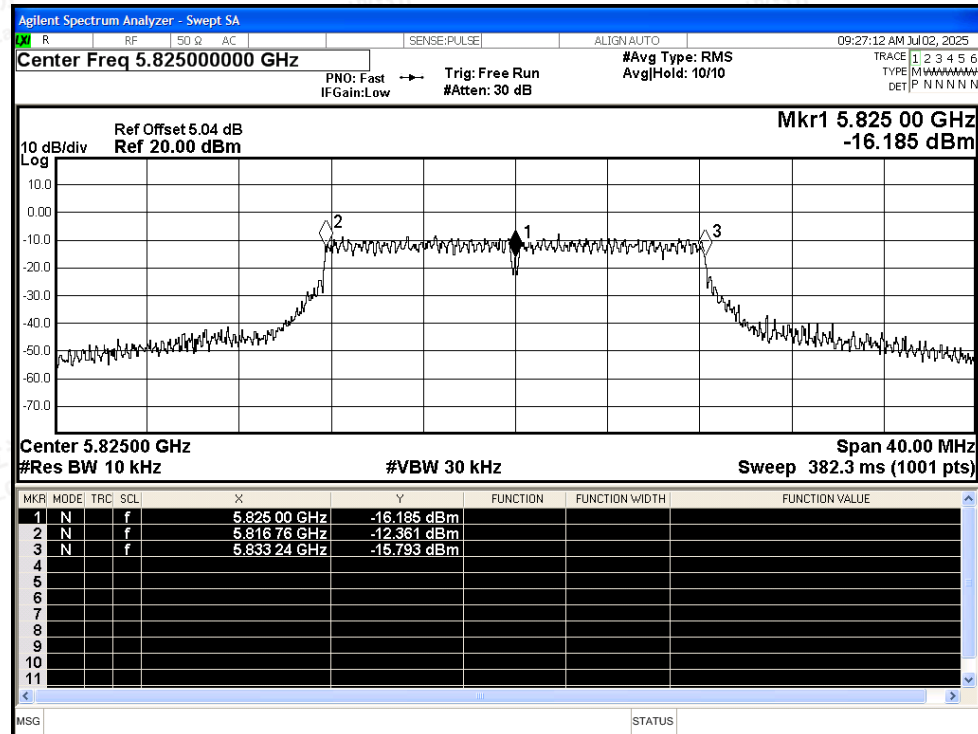
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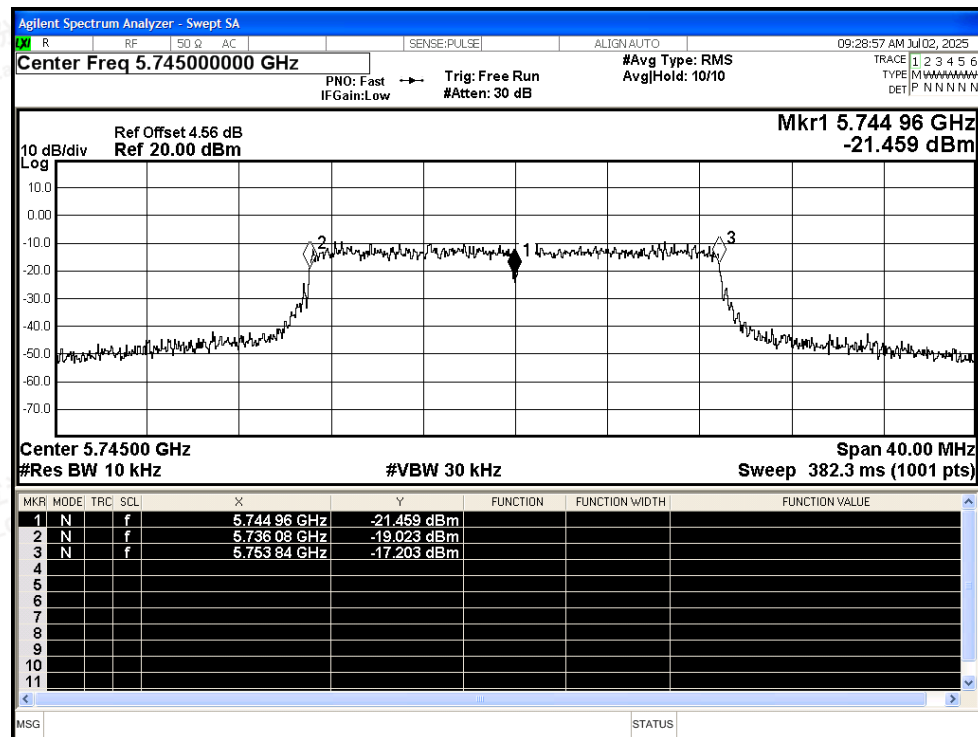
Scan code to check authenticity



Freq. Stability NVNT a 5825MHz Ant1



Freq. Stability NVNT n20 5745MHz Ant1



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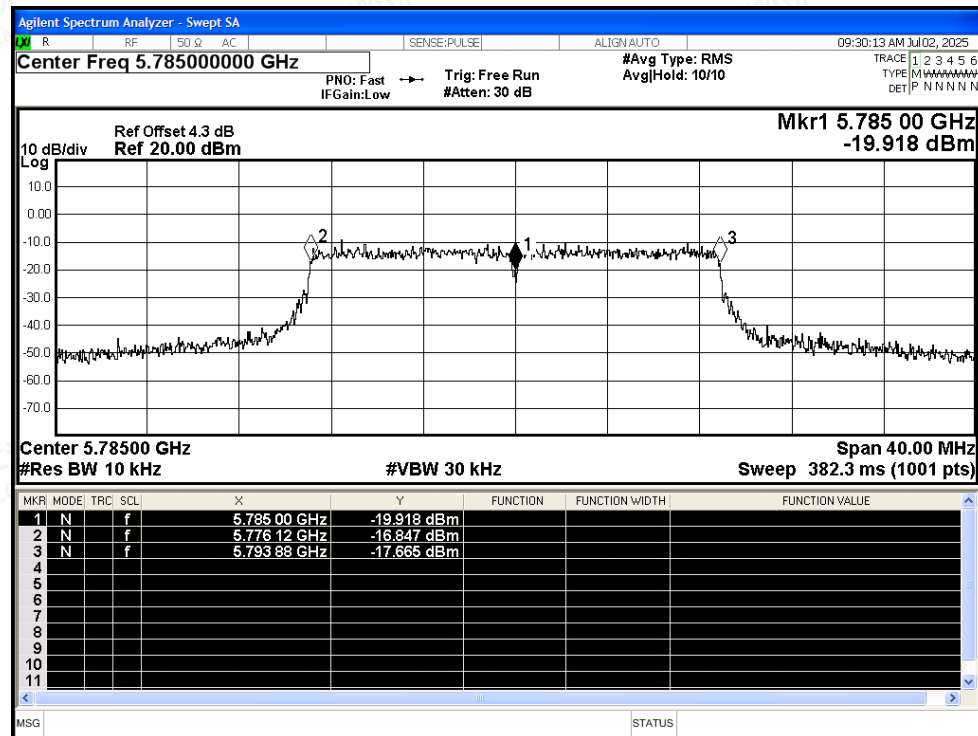
Add: 101, 201 Bldg A & 301 Bldg C, Juji Industrial Park Yabianxueziwei, Shajing Street, Baoan District, Shenzhen, 518000, China

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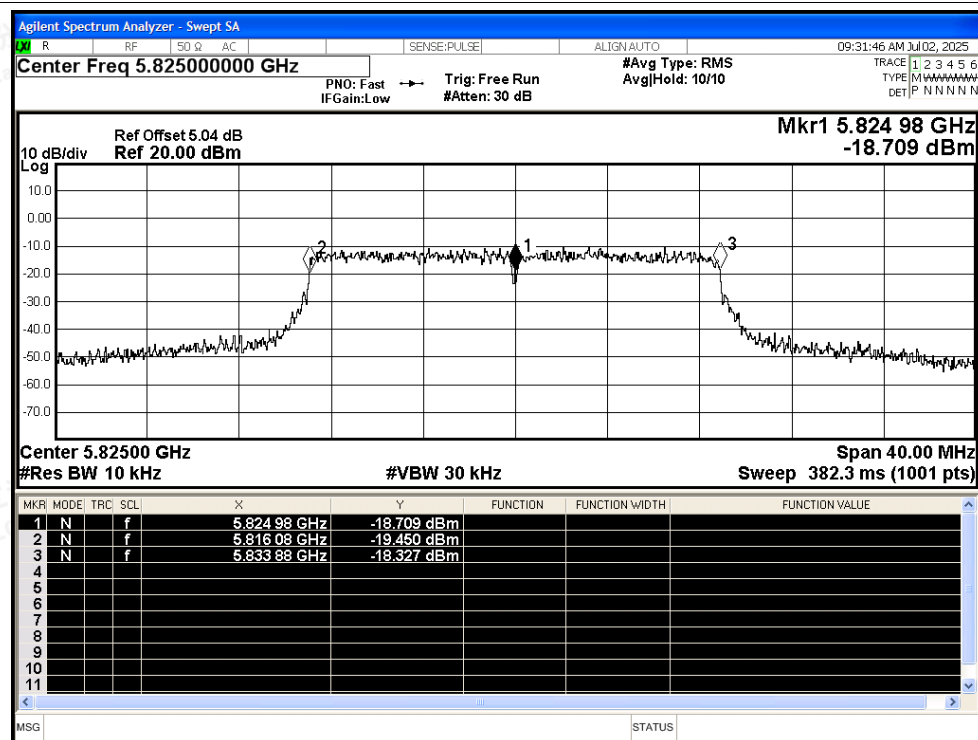
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Freq. Stability NVNT n20 5785MHz Ant1



Freq. Stability NVNT n20 5825MHz Ant1



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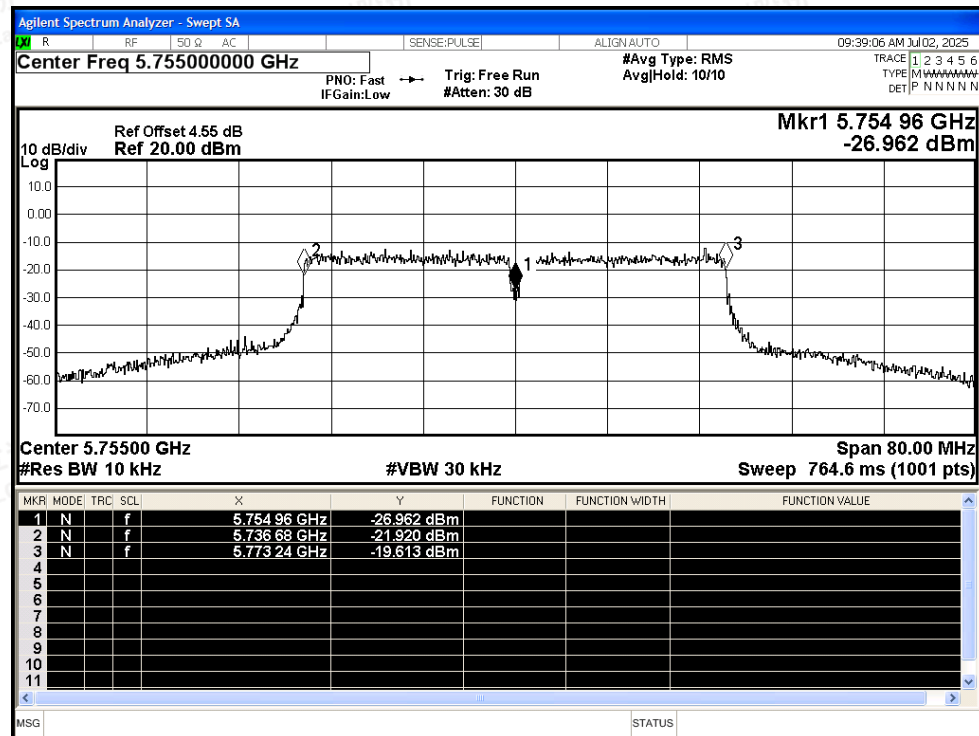
Add: 101, 201 Bldg A & 301 Bldg C, Juji Industrial Park Yabianxueziwei, Shajing Street, Baoan District, Shenzhen, 518000, China

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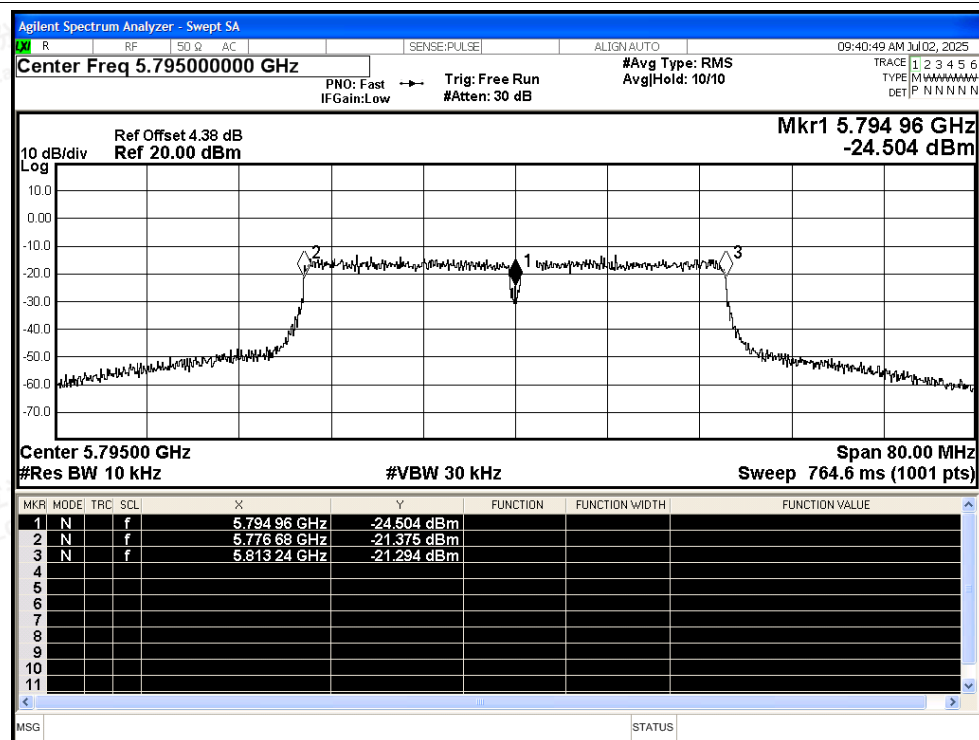
Scan code to check authenticity



Freq. Stability NVNT n40 5755MHz Ant1



Freq. Stability NVNT n40 5795MHz Ant1



Shenzhen LCS Compliance Testing Laboratory Ltd.

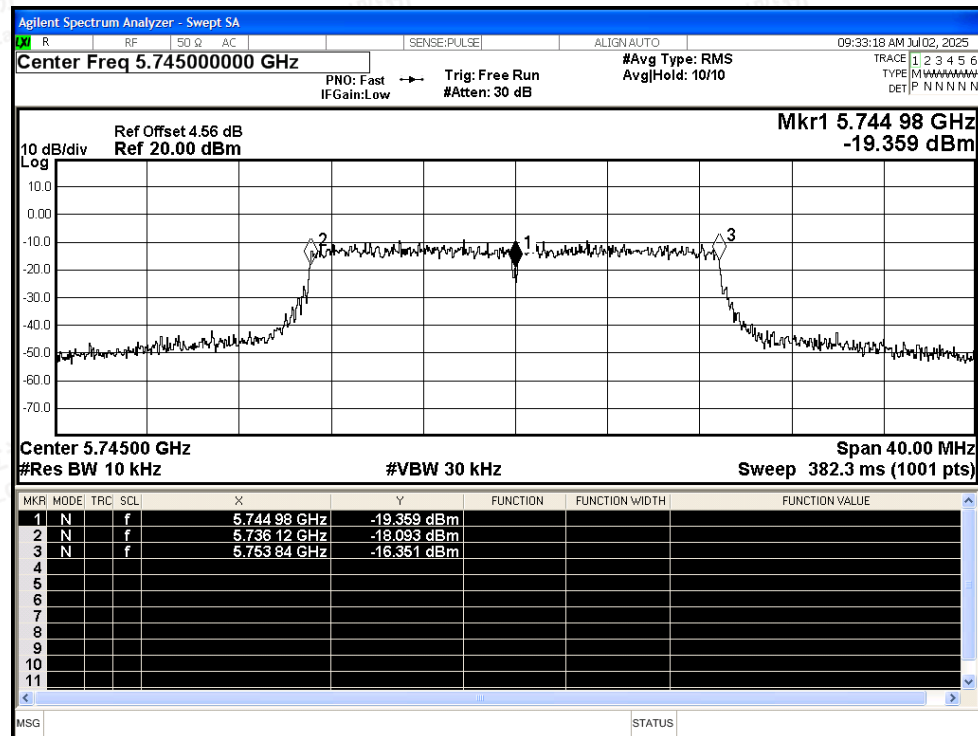
Add: 101, 201 Bldg A & 301 Bldg C, Juji Industrial Park Yabianxueziwei, Shajing Street, Baoan District, Shenzhen, 518000, China

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

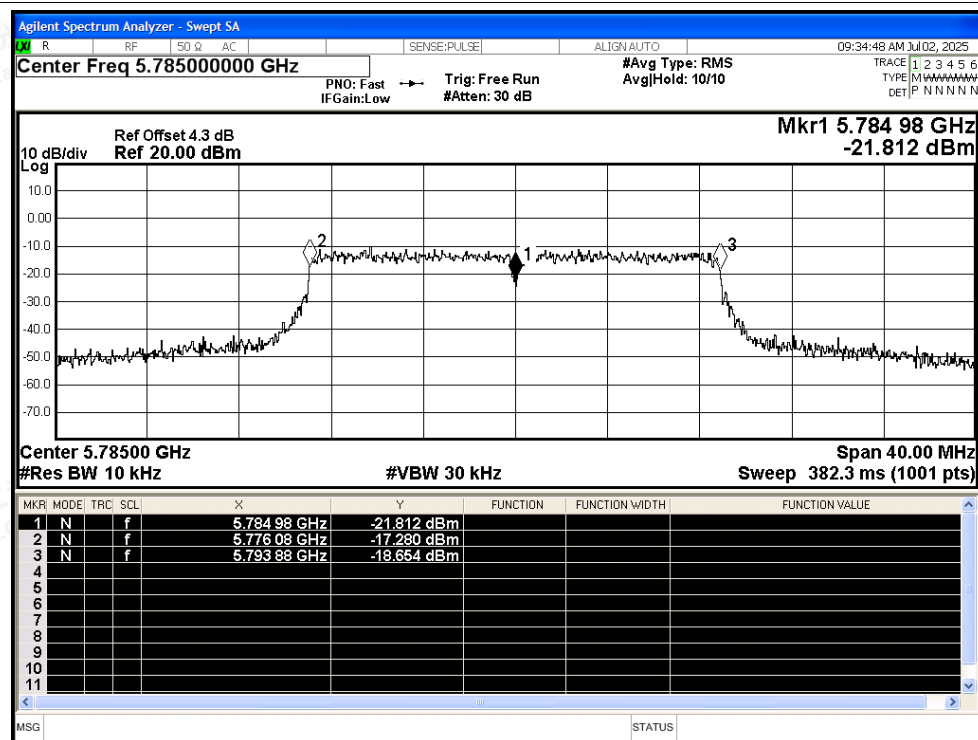
Scan code to check authenticity



Freq. Stability NVNT ac20 5745MHz Ant1



Freq. Stability NVNT ac20 5785MHz Ant1



Shenzhen LCS Compliance Testing Laboratory Ltd.

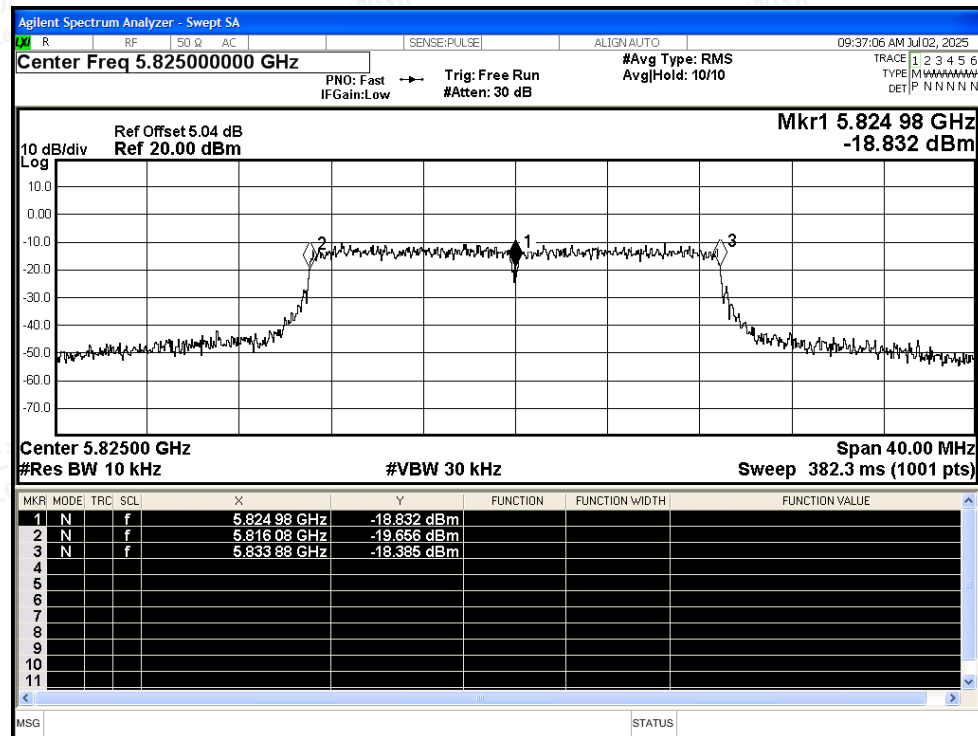
Add: 101, 201 Bldg A & 301 Bldg C, Juji Industrial Park Yabianxueziwei, Shajing Street, Baoan District, Shenzhen, 518000, China

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

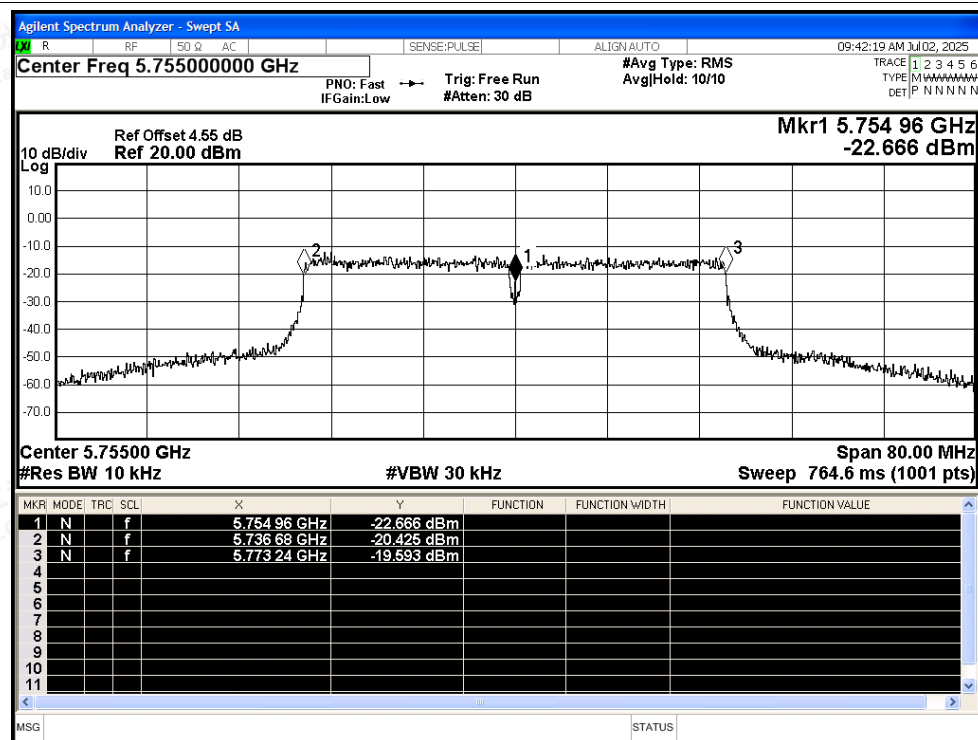
Scan code to check authenticity



Freq. Stability NVNT ac20 5825MHz Ant1



Freq. Stability NVNT ac40 5755MHz Ant1



Shenzhen LCS Compliance Testing Laboratory Ltd.

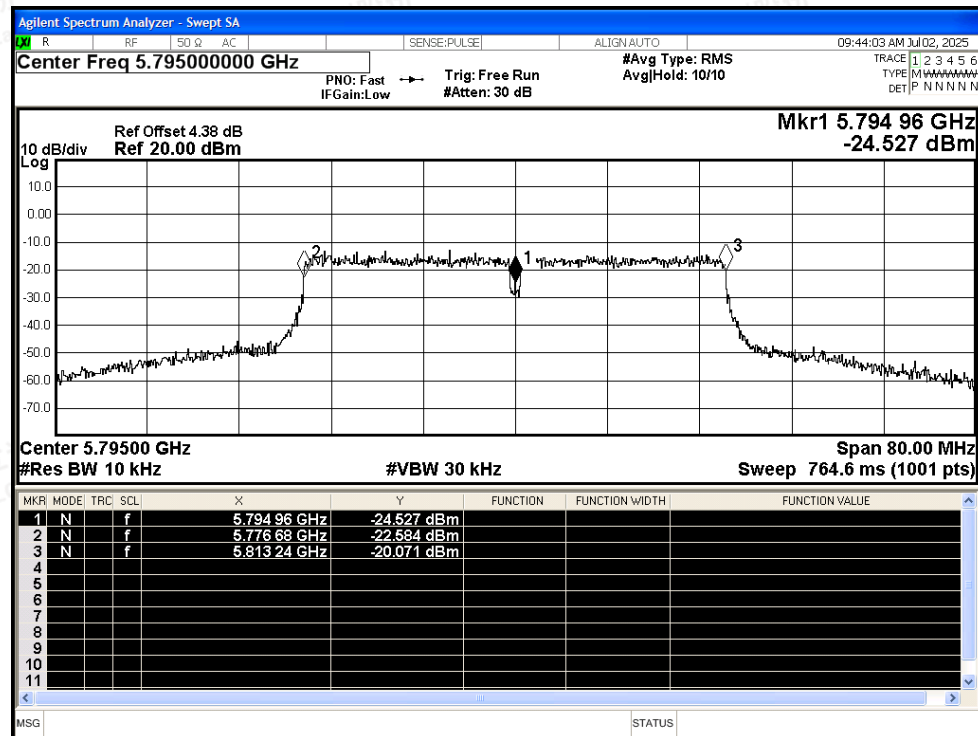
Add: 101, 201 Bldg A & 301 Bldg C, Juji Industrial Park Yabianxueziwei, Shajing Street, Baoan District, Shenzhen, 518000, China

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

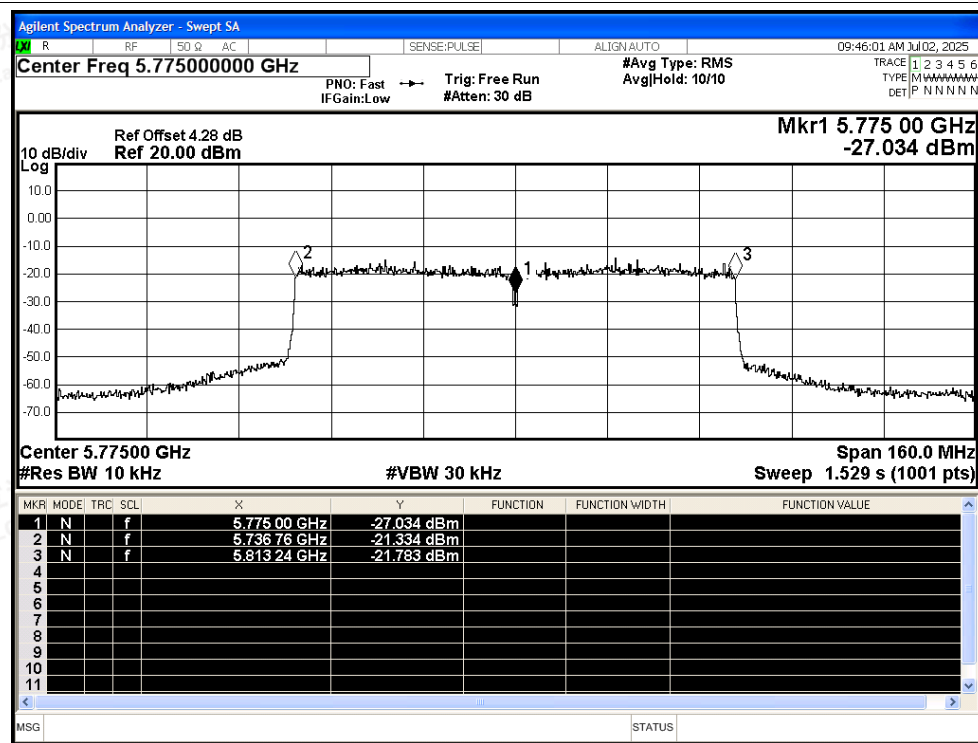
Scan code to check authenticity



Freq. Stability NVNT ac40 5795MHz Ant1



Freq. Stability NVNT ac80 5775MHz Ant1



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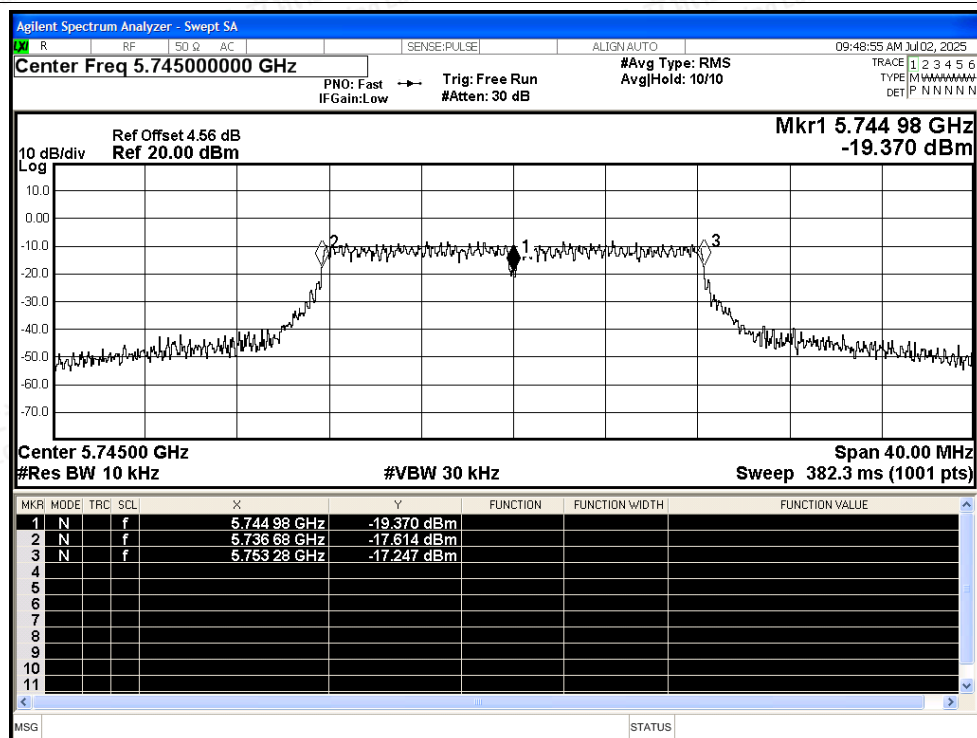
Condition	Mode	Frequency (MHz)	Antenna	Measured Frequency (MHz)	Frequency Error (Hz)	Deviation (ppm)	Limit (ppm)	Verdict
NVNT	a	5745	Ant2	5744.98	-20000	-3.48	25	Pass
NVNT	a	5785	Ant2	5785	0	0	25	Pass
NVNT	a	5825	Ant2	5825	0	0	25	Pass
NVNT	n20	5745	Ant2	5745	0	0	25	Pass
NVNT	n20	5785	Ant2	5784.98	-20000	-3.46	25	Pass
NVNT	n20	5825	Ant2	5824.98	-20000	-3.43	25	Pass
NVNT	n40	5755	Ant2	5755	0	0	25	Pass
NVNT	n40	5795	Ant2	5795	0	0	25	Pass
NVNT	ac20	5745	Ant2	5745	0	0	25	Pass
NVNT	ac20	5785	Ant2	5784.98	-20000	-3.46	25	Pass
NVNT	ac20	5825	Ant2	5825	0	0	25	Pass
NVNT	ac40	5755	Ant2	5754.96	-40000	-6.95	25	Pass
NVNT	ac40	5795	Ant2	5795	0	0	25	Pass
NVNT	ac80	5775	Ant2	5775	0	0	25	Pass



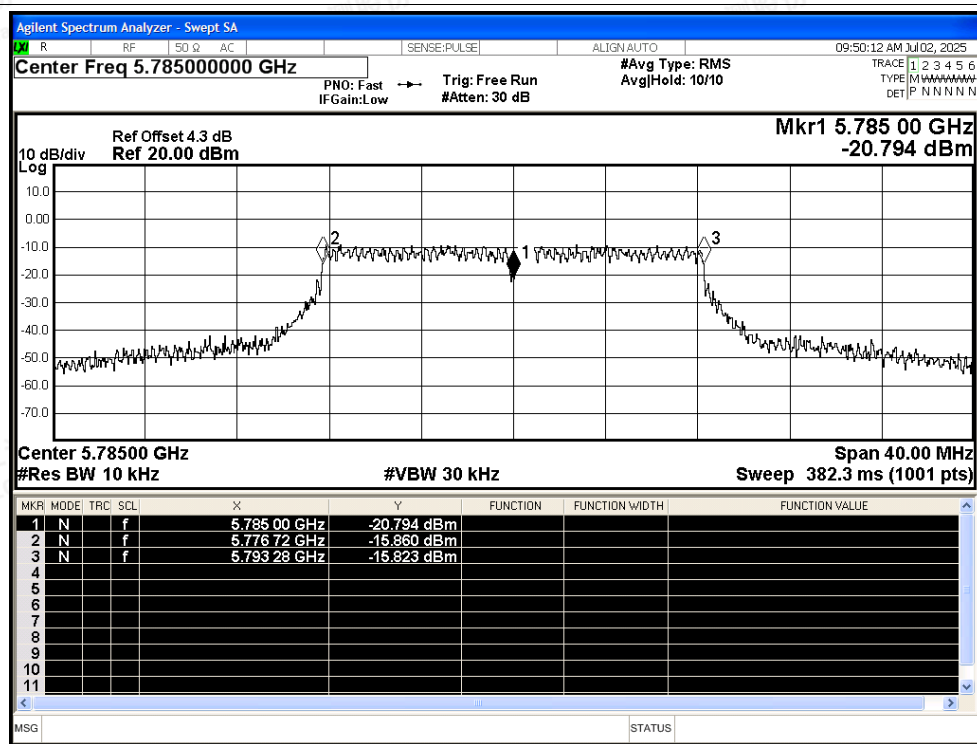


Test Graphs

Freq. Stability NVNT a 5745MHz Ant2



Freq. Stability NVNT a 5785MHz Ant2



Shenzhen LCS Compliance Testing Laboratory Ltd.

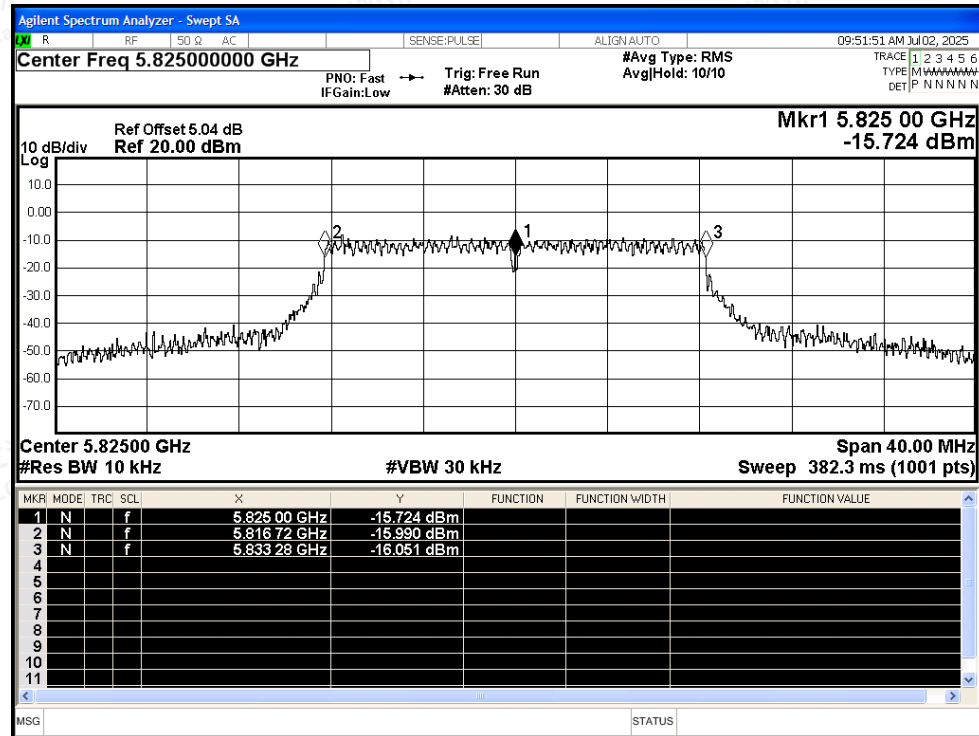
Add: 101, 201 Bldg A & 301 Bldg C, Juji Industrial Park Yabianxueziwei, Shajing Street, Baoan District, Shenzhen, 518000, China

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

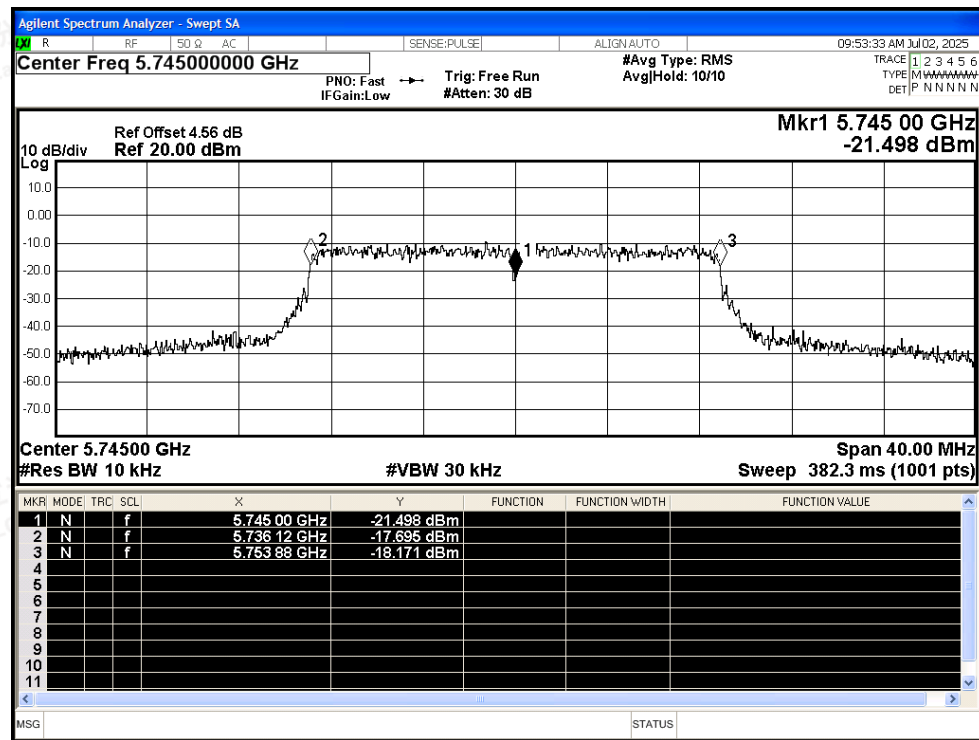
Scan code to check authenticity



Freq. Stability NVNT a 5825MHz Ant2



Freq. Stability NVNT n20 5745MHz Ant2



Shenzhen LCS Compliance Testing Laboratory Ltd.

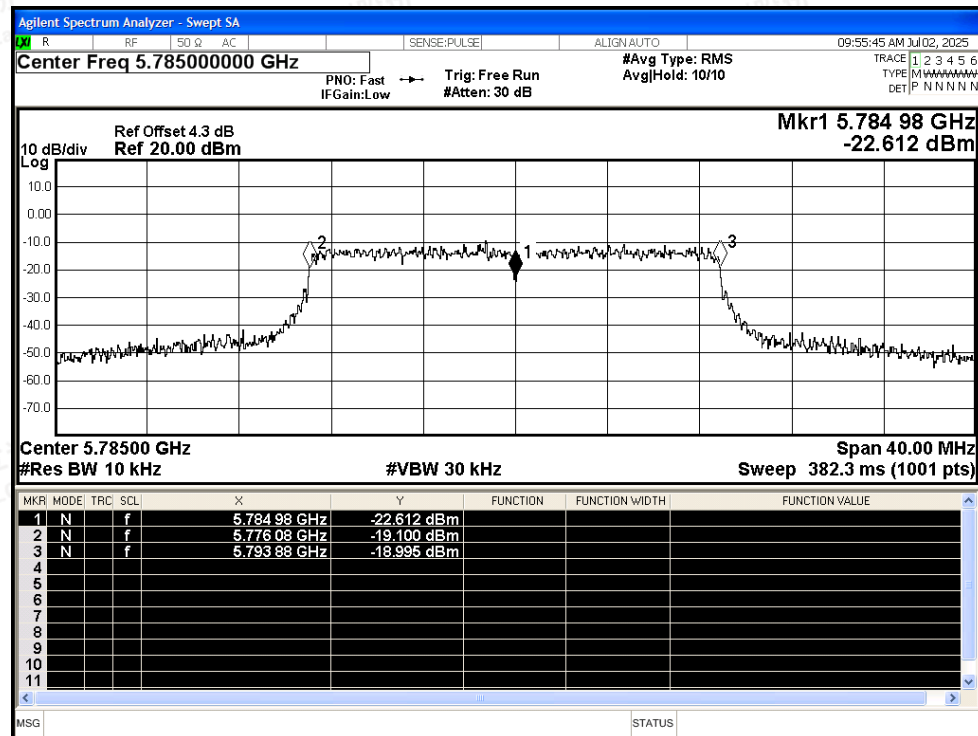
Add: 101, 201 Bldg A & 301 Bldg C, Juji Industrial Park Yabianxueziwei, Shajing Street, Baoan District, Shenzhen, 518000, China

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

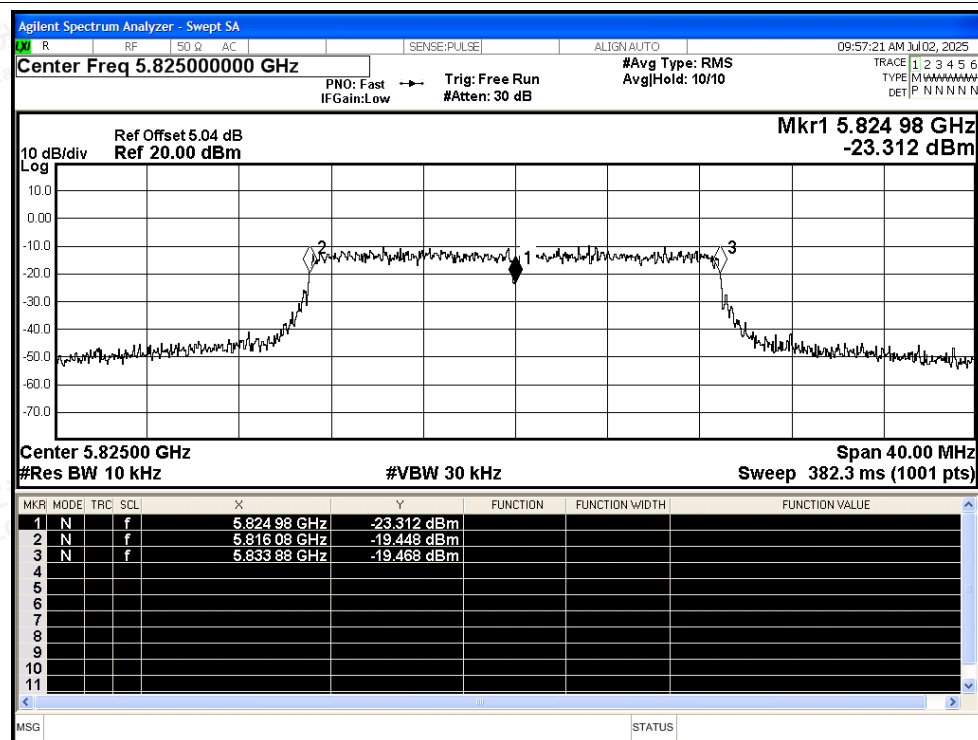
Scan code to check authenticity



Freq. Stability NVNT n20 5785MHz Ant2



Freq. Stability NVNT n20 5825MHz Ant2



Shenzhen LCS Compliance Testing Laboratory Ltd.

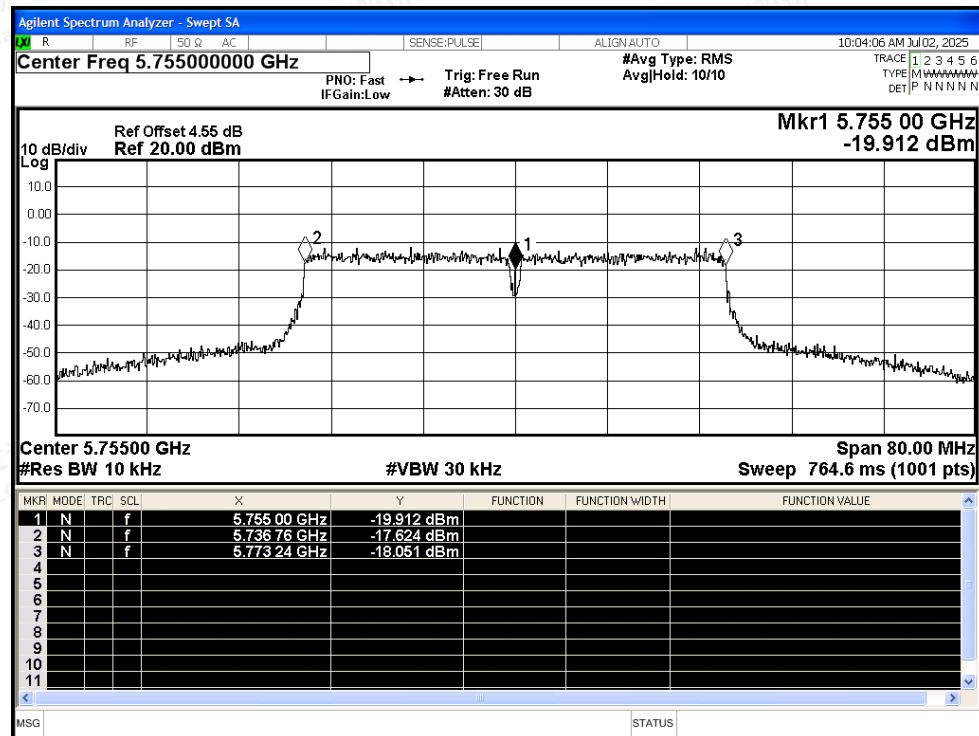
Add: 101, 201 Bldg A & 301 Bldg C, Juji Industrial Park Yabianxueziwei, Shajing Street, Baoan District, Shenzhen, 518000, China

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

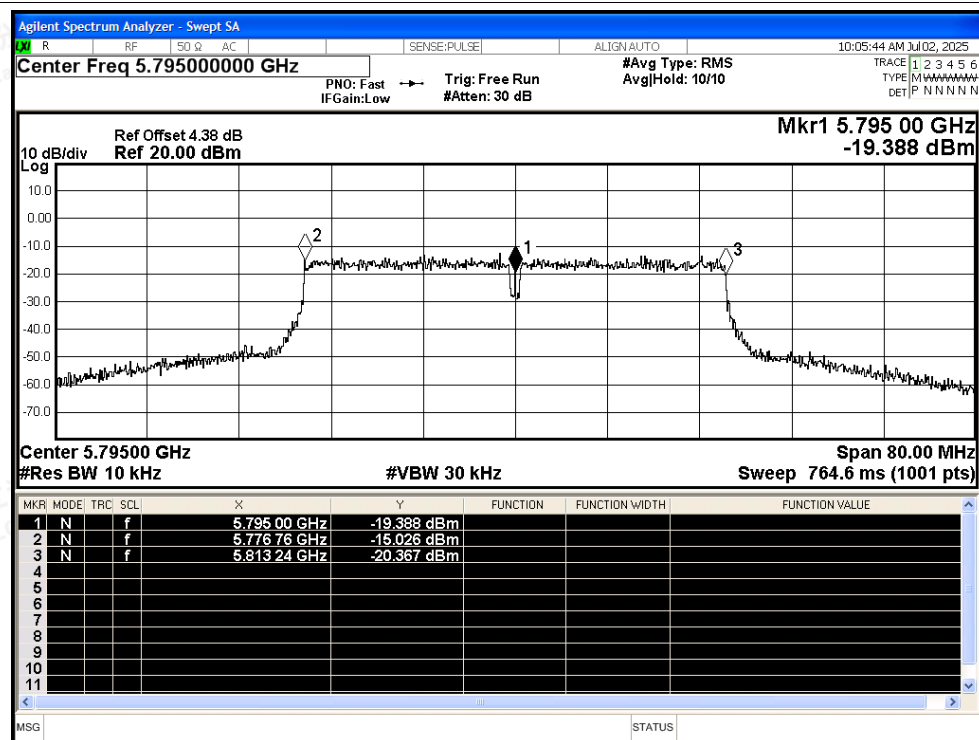
Scan code to check authenticity



Freq. Stability NVNT n40 5755MHz Ant2



Freq. Stability NVNT n40 5795MHz Ant2



Shenzhen LCS Compliance Testing Laboratory Ltd.

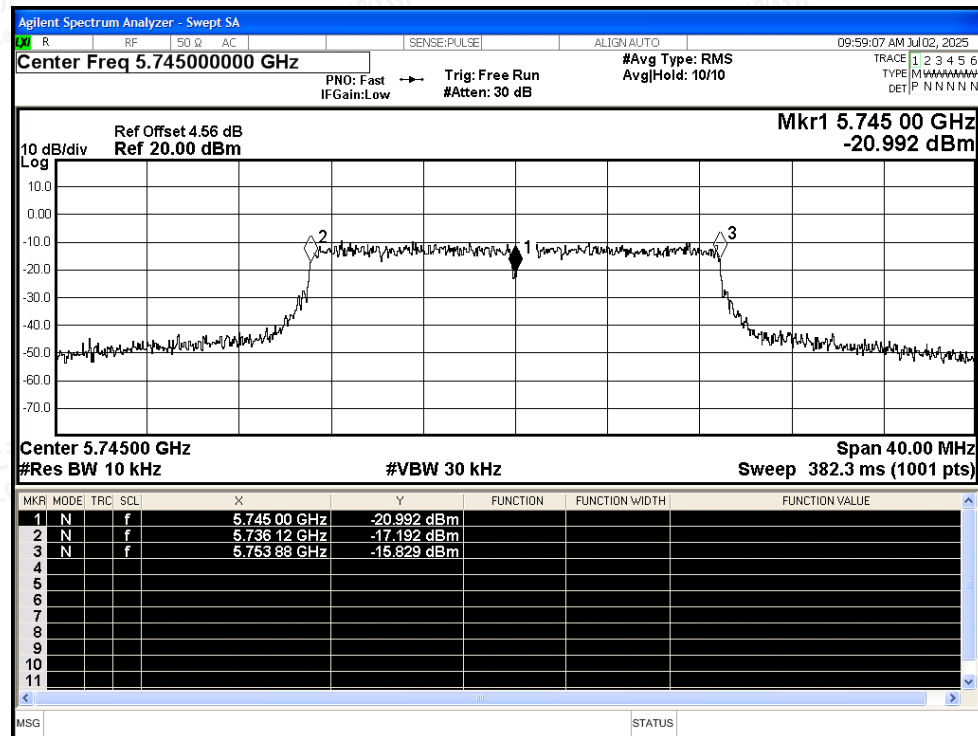
Add: 101, 201 Bldg A & 301 Bldg C, Juji Industrial Park Yabianxueziwei, Shajing Street, Baoan District, Shenzhen, 518000, China

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

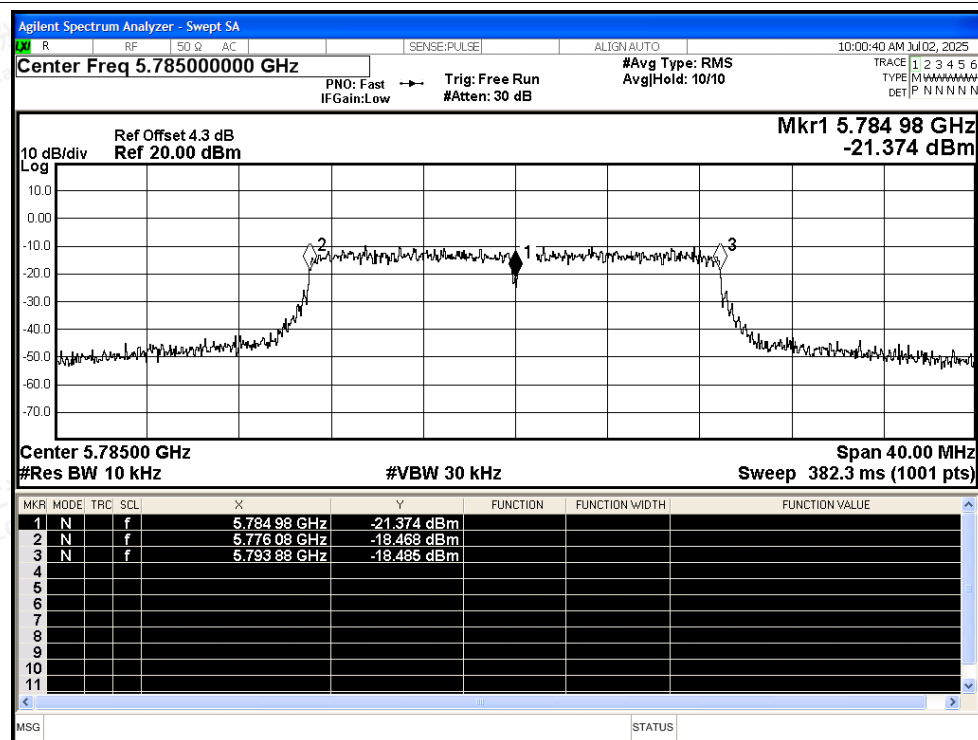
Scan code to check authenticity



Freq. Stability NVNT ac20 5745MHz Ant2



Freq. Stability NVNT ac20 5785MHz Ant2



Shenzhen LCS Compliance Testing Laboratory Ltd.

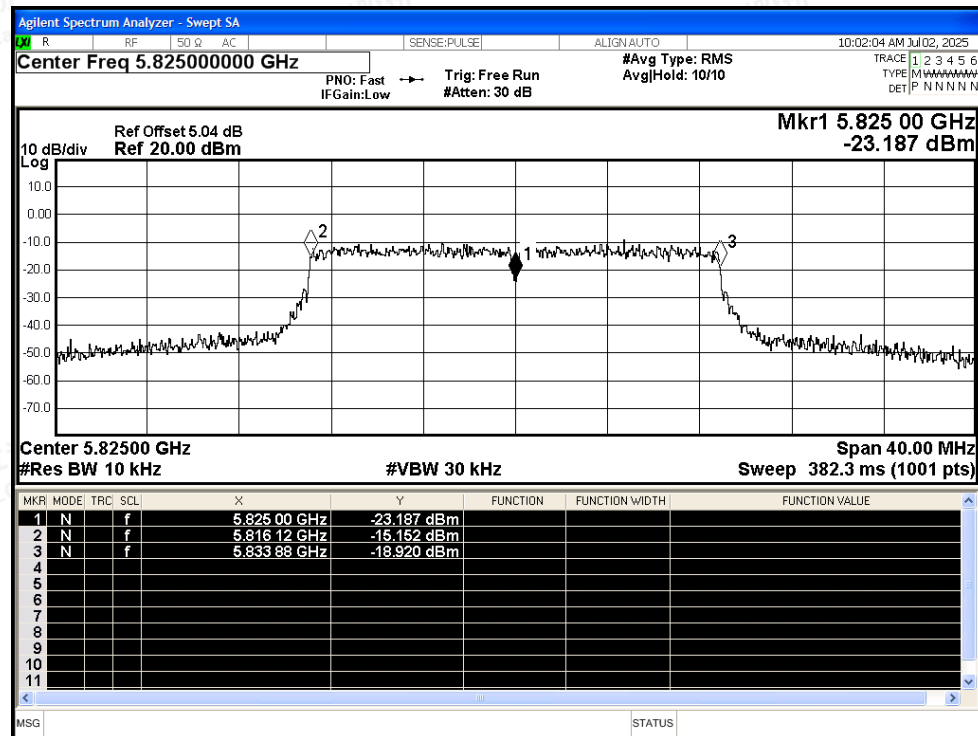
Add: 101, 201 Bldg A & 301 Bldg C, Juji Industrial Park Yabianxueziwei, Shajing Street, Baoan District, Shenzhen, 518000, China

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

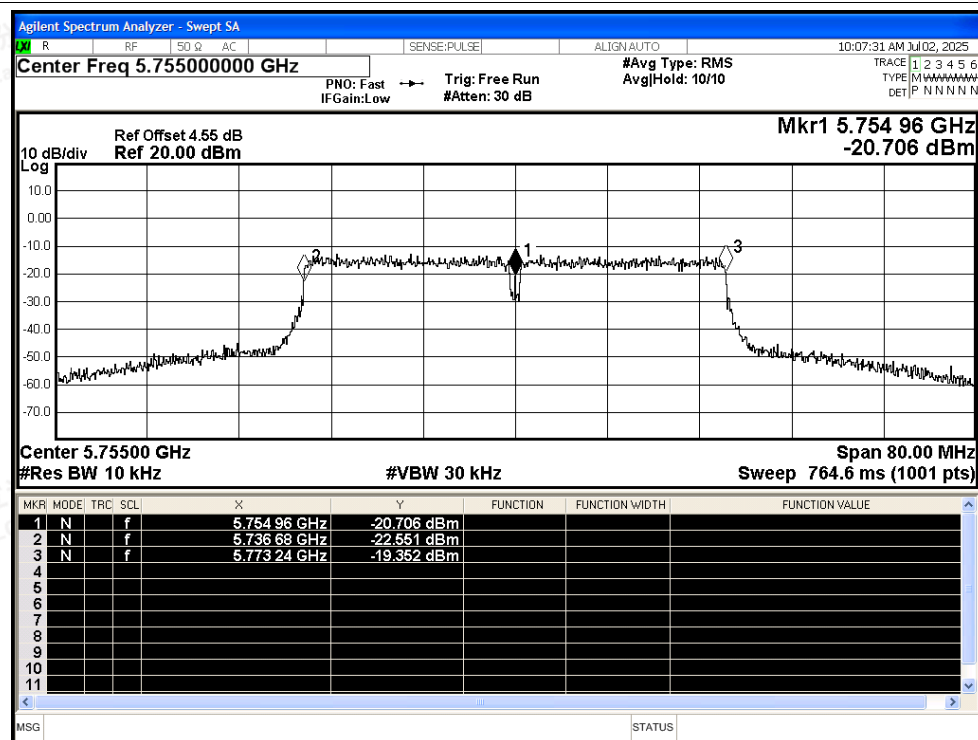
Scan code to check authenticity



Freq. Stability NVNT ac20 5825MHz Ant2



Freq. Stability NVNT ac40 5755MHz Ant2



Shenzhen LCS Compliance Testing Laboratory Ltd.

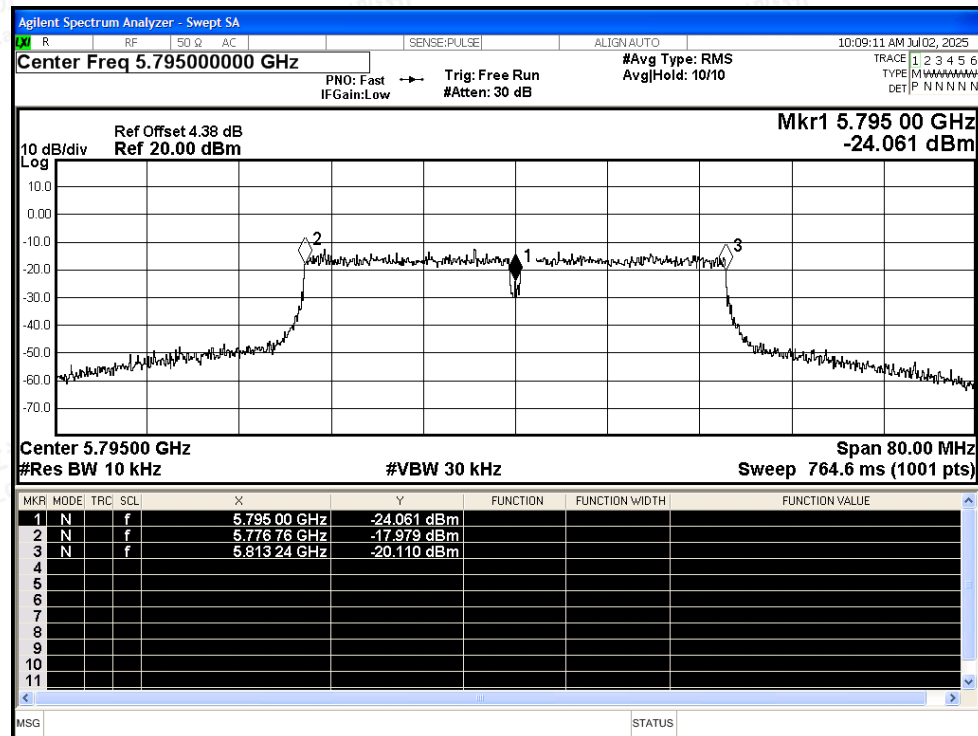
Add: 101, 201 Bldg A & 301 Bldg C, Juji Industrial Park Yabianxueziwei, Shajing Street, Baoan District, Shenzhen, 518000, China

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

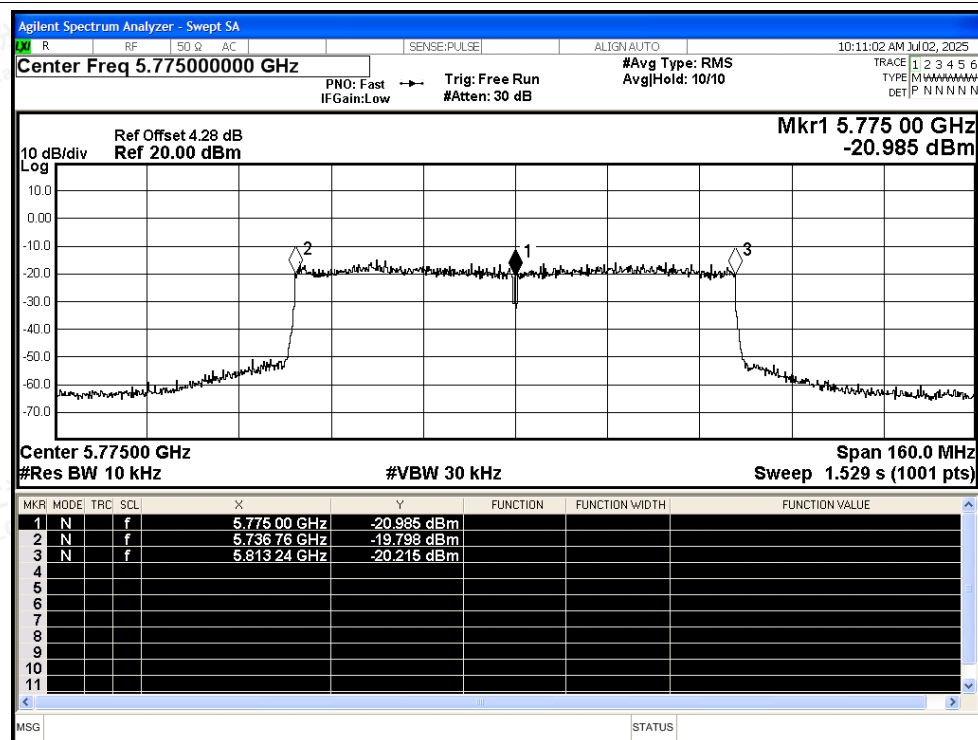
Scan code to check authenticity



Freq. Stability NVNT ac40 5795MHz Ant2



Freq. Stability NVNT ac80 5775MHz Ant2



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E.6 Duty Cycle

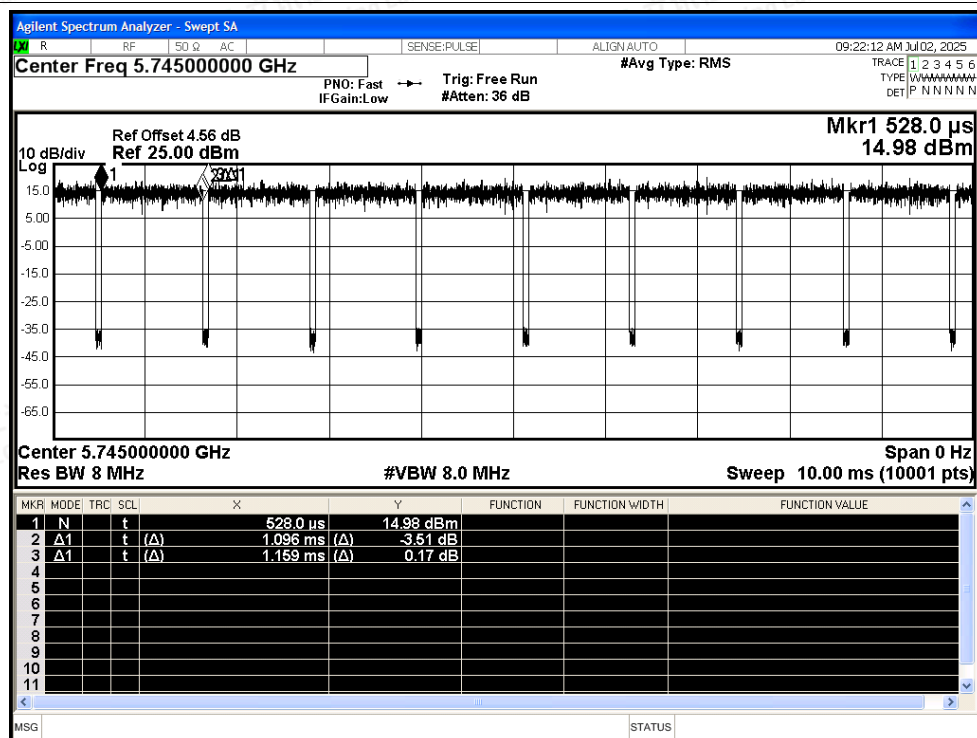
Condition	Mode	Frequency (MHz)	Antenna	Duty Cycle (%)	Correction Factor (dB)	1/T (kHz)
NVNT	a	5745	Ant1	94.56	0.24	0.91
NVNT	a	5785	Ant1	94.56	0.24	0.91
NVNT	a	5825	Ant1	94.65	0.24	0.91
NVNT	n20	5745	Ant1	97.29	0.12	0.44
NVNT	n20	5785	Ant1	97.29	0.12	0.44
NVNT	n20	5825	Ant1	97.29	0.12	0.44
NVNT	n40	5755	Ant1	94.71	0.24	0.9
NVNT	n40	5795	Ant1	94.71	0.24	0.9
NVNT	ac20	5745	Ant1	97.34	0.12	0.44
NVNT	ac20	5785	Ant1	97.3	0.12	0.44
NVNT	ac20	5825	Ant1	97.34	0.12	0.44
NVNT	ac40	5755	Ant1	94.72	0.24	0.9
NVNT	ac40	5795	Ant1	94.72	0.24	0.9
NVNT	ac80	5775	Ant1	89.65	0.47	1.86



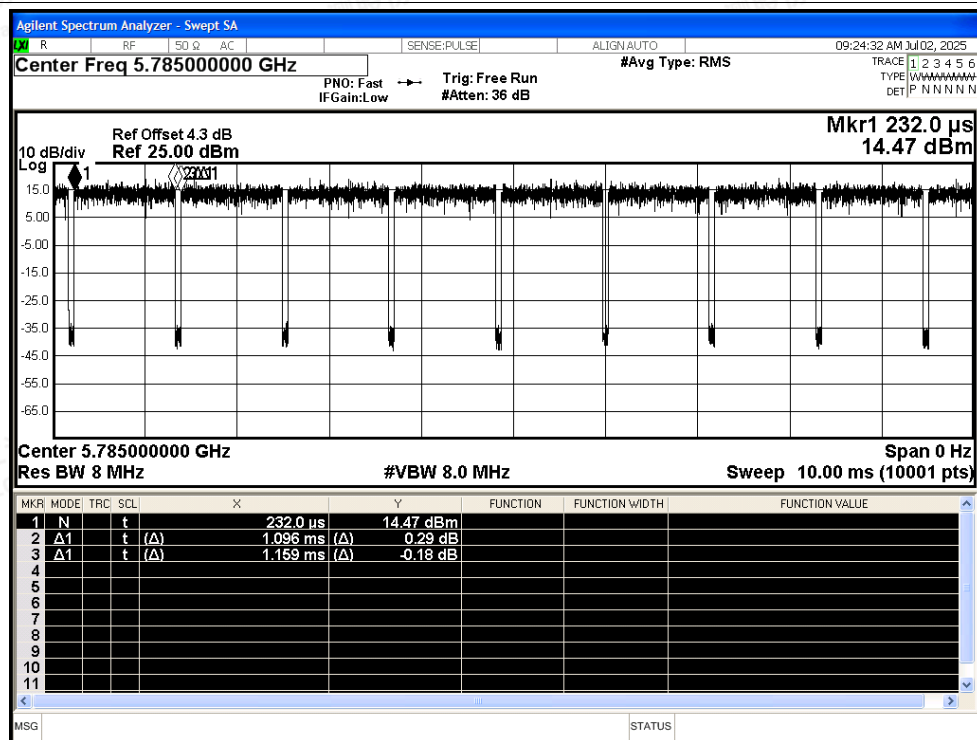


Test Graphs

Duty Cycle NVNT a 5745MHz Ant1



Duty Cycle NVNT a 5785MHz Ant1



Shenzhen LCS Compliance Testing Laboratory Ltd.

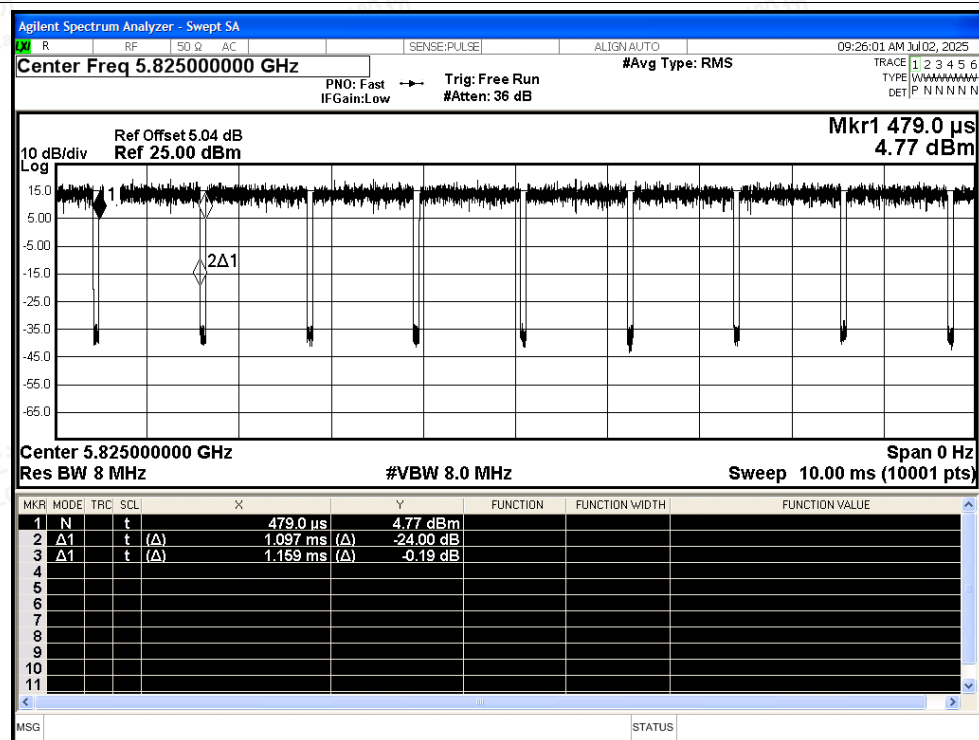
Add: 101, 201 Bldg A & 301 Bldg C, Juji Industrial Park Yabianxueziwei, Shajing Street, Baoan District, Shenzhen, 518000, China

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

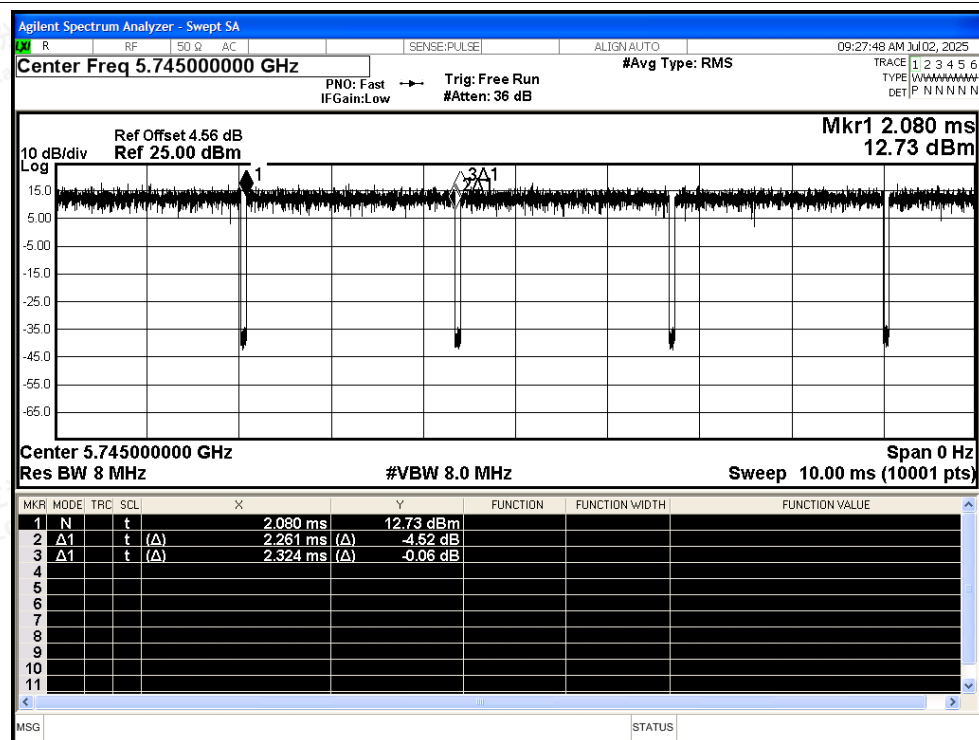
Scan code to check authenticity



Duty Cycle NVNT a 5825MHz Ant1



Duty Cycle NVNT n20 5745MHz Ant1



Shenzhen LCS Compliance Testing Laboratory Ltd.

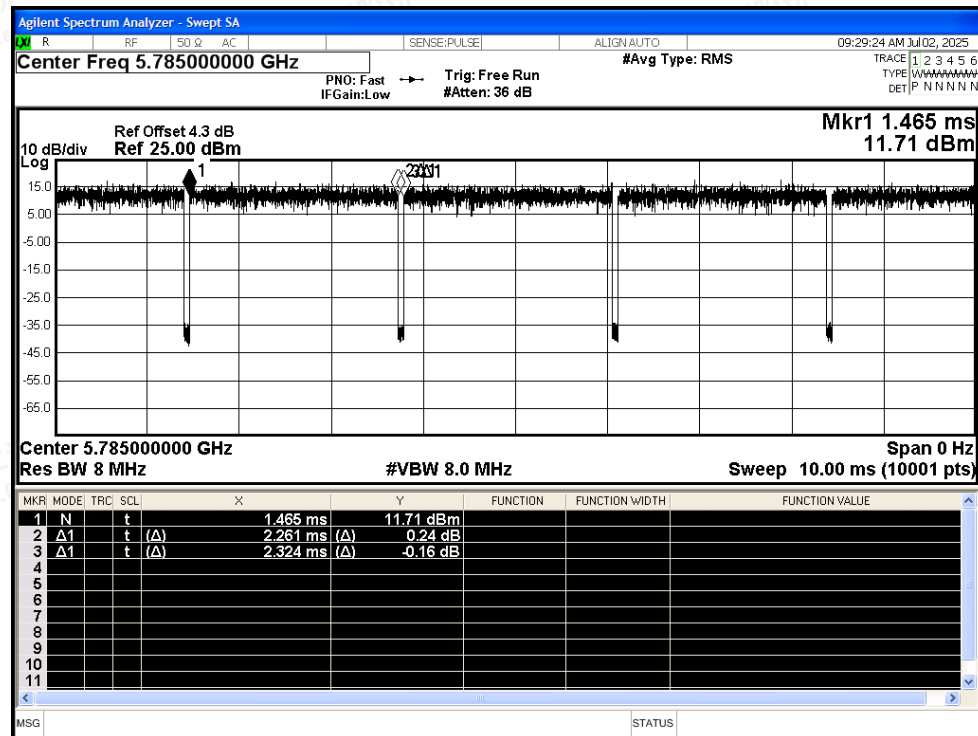
Add: 101, 201 Bldg A & 301 Bldg C, Juji Industrial Park Yabianxueziwei, Shajing Street, Baoan District, Shenzhen, 518000, China

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

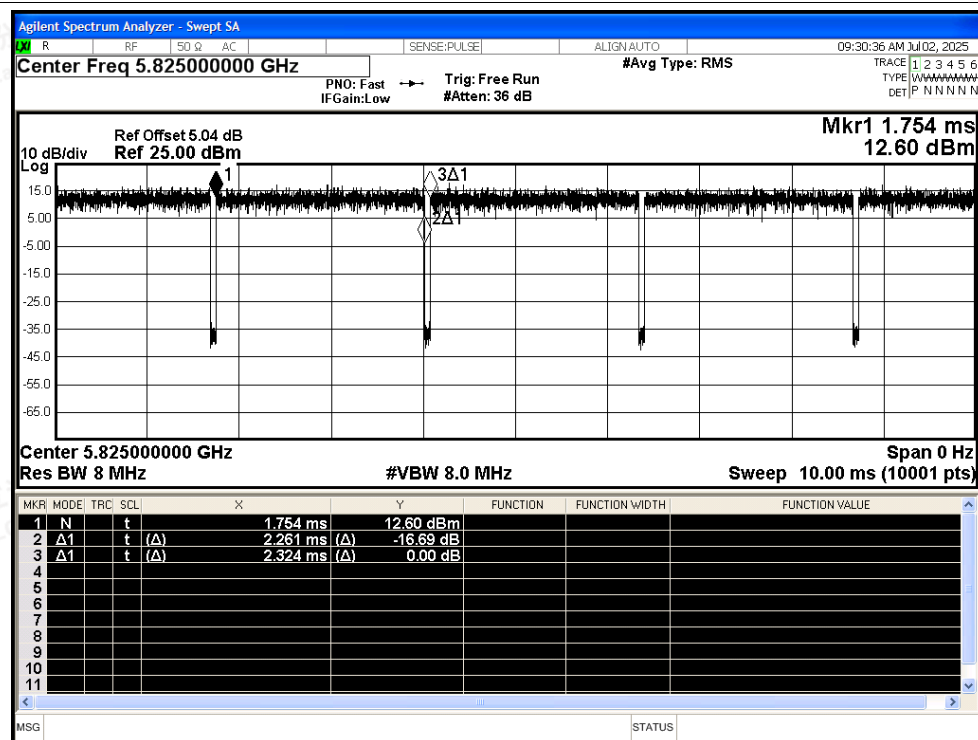
Scan code to check authenticity



Duty Cycle NVNT n20 5785MHz Ant1



Duty Cycle NVNT n20 5825MHz Ant1



Shenzhen LCS Compliance Testing Laboratory Ltd.

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