



Appendix G

RF Test Data for 5.8GWIFI (Conducted Measurement)

Product Name: IP PHONE

Test Model: CIP280V2

Environmental Conditions

Temperature:	23.2°C
Relative Humidity:	53.1%
ATM Pressure:	100.0 kPa
Test Engineer:	Jerry Chu
Supervised by:	Can Kun



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G.1 Min emission bandwidth

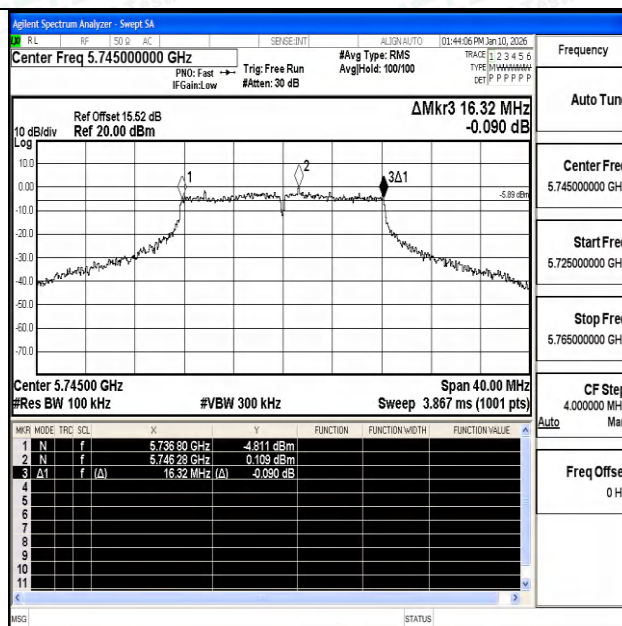
Test Result B4

TestMode	Antenna	Frequency[MHz]	6db EBW [MHz]	FL[MHz]	FH[MHz]	Limit[MHz]	Verdict
11A	Ant1	5745	16.320	5736.800	5753.120	0.5	PASS
11A	Ant1	5785	16.040	5776.840	5792.880	0.5	PASS
11A	Ant1	5825	15.880	5816.960	5832.840	0.5	PASS
11N20SISO	Ant1	5745	17.560	5736.160	5753.720	0.5	PASS
11N20SISO	Ant1	5785	17.560	5776.160	5793.720	0.5	PASS
11N20SISO	Ant1	5825	16.920	5816.160	5833.080	0.5	PASS
11N40SISO	Ant1	5755	34.960	5737.480	5772.440	0.5	PASS
11N40SISO	Ant1	5795	34.960	5777.480	5812.440	0.5	PASS
11AC20SISO	Ant1	5745	15.920	5737.400	5753.320	0.5	PASS
11AC20SISO	Ant1	5785	16.600	5776.440	5793.040	0.5	PASS
11AC20SISO	Ant1	5825	16.640	5816.440	5833.080	0.5	PASS
11AC40SISO	Ant1	5755	28.720	5738.680	5767.400	0.5	PASS
11AC40SISO	Ant1	5795	34.960	5777.480	5812.440	0.5	PASS
11AC80SISO	Ant1	5775	73.760	5738.680	5812.440	0.5	PASS

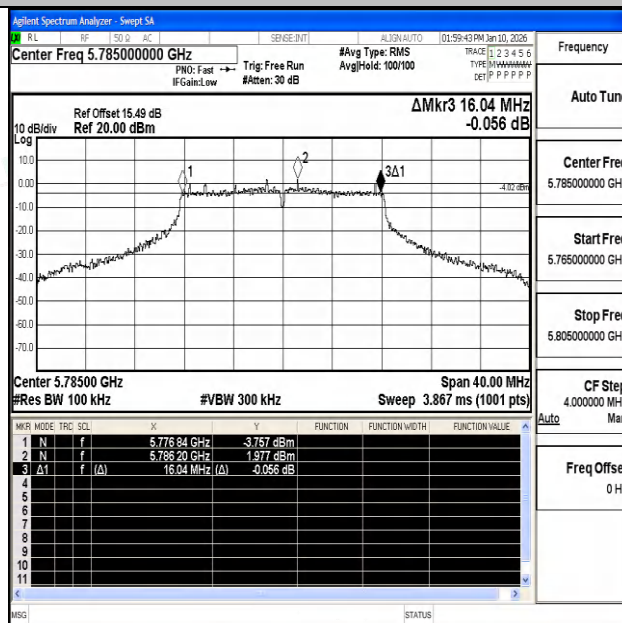


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Test Graphs B4



11A-Ant1-5745-PASS



11A-Ant1-5785-PASS



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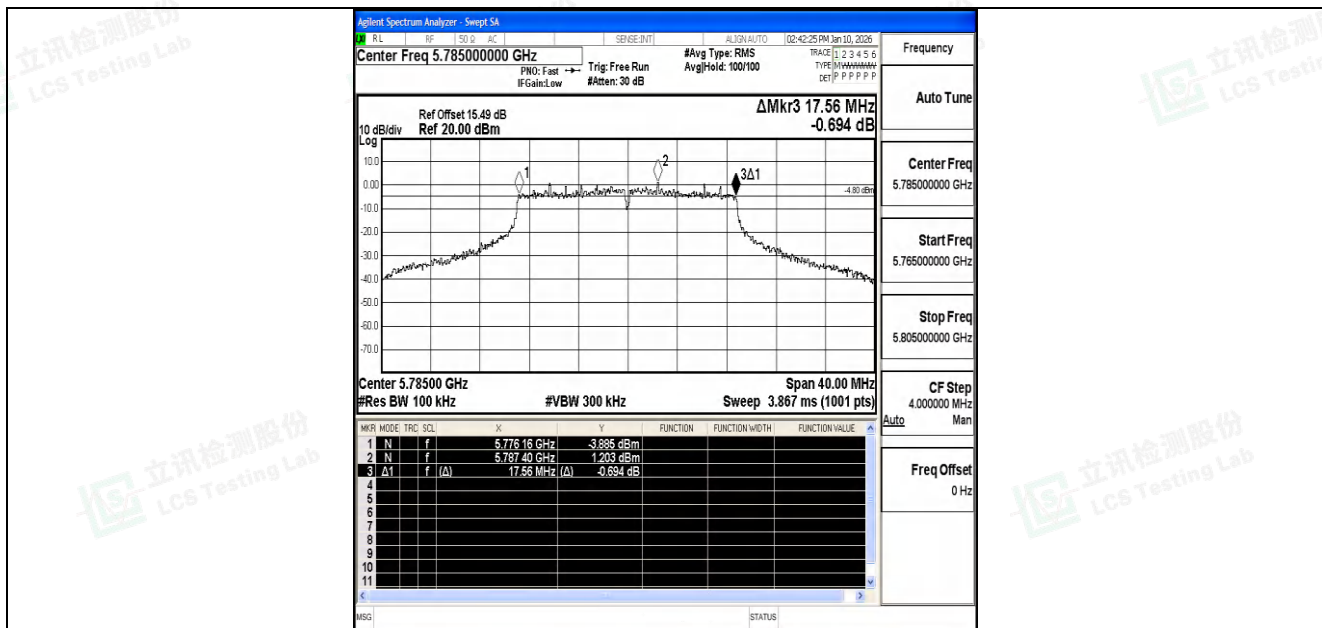


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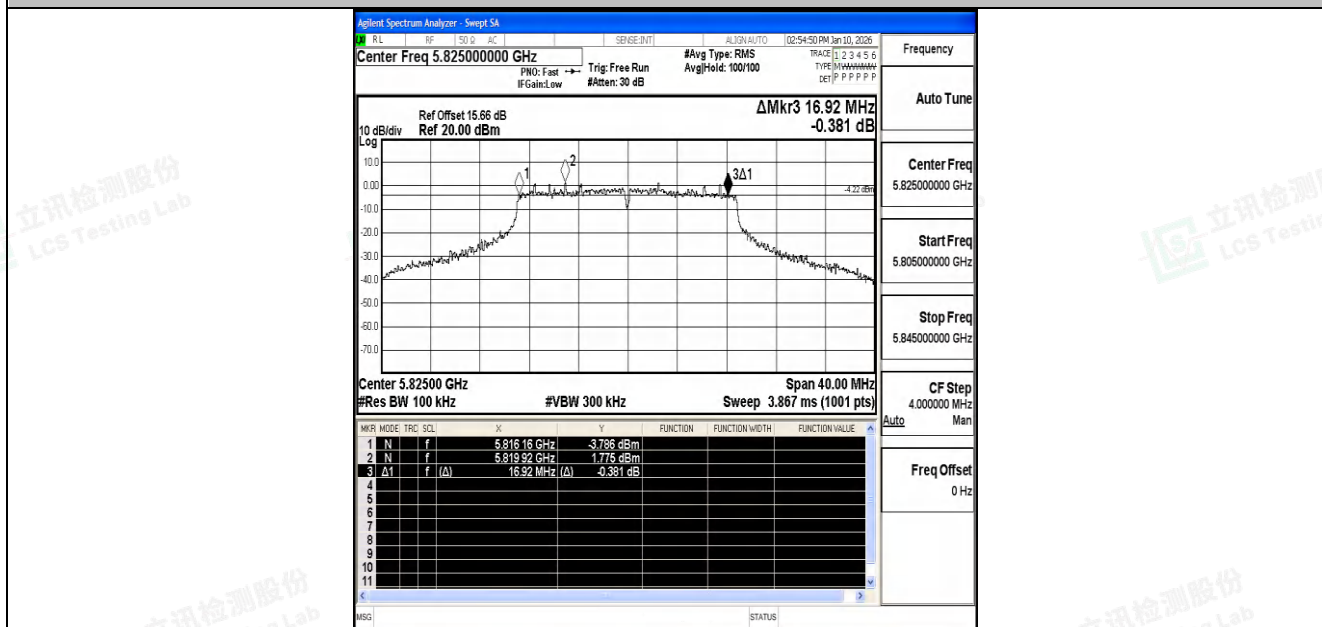
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11N20SISO-Ant1-5785-PASS



11N20SISO-Ant1-5825-PASS

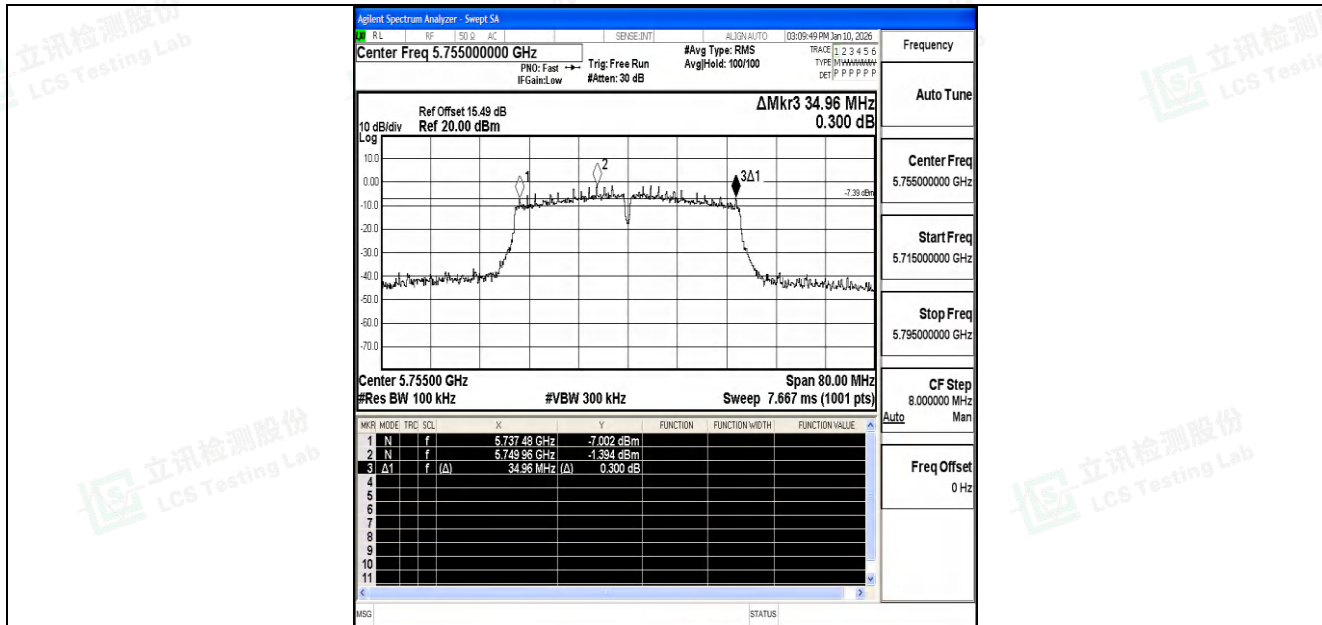


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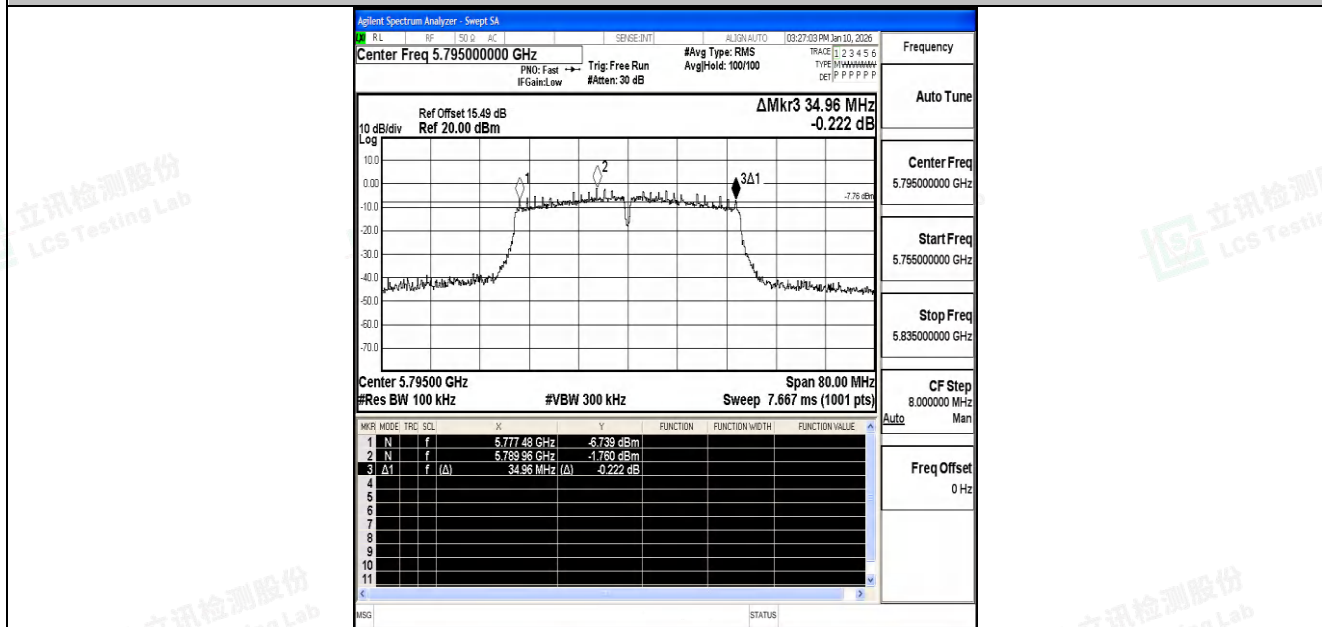
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11N40SISO-Ant1-5755-PASS



11N40SISO-Ant1-5795-PASS

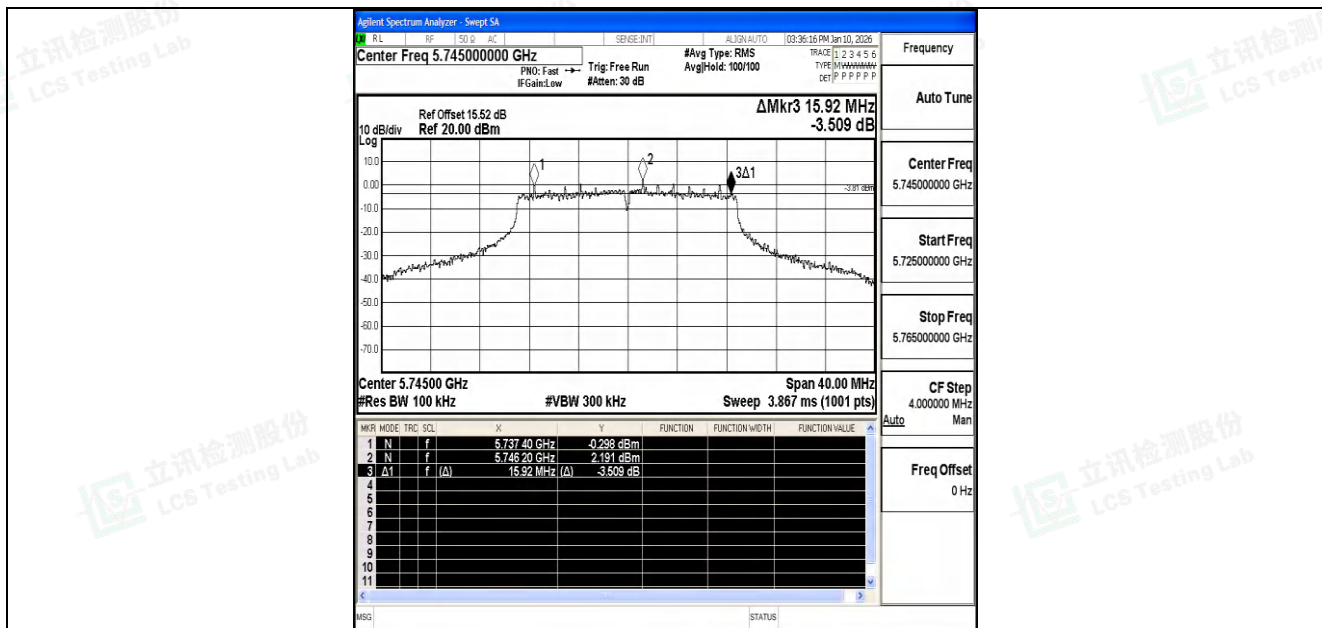


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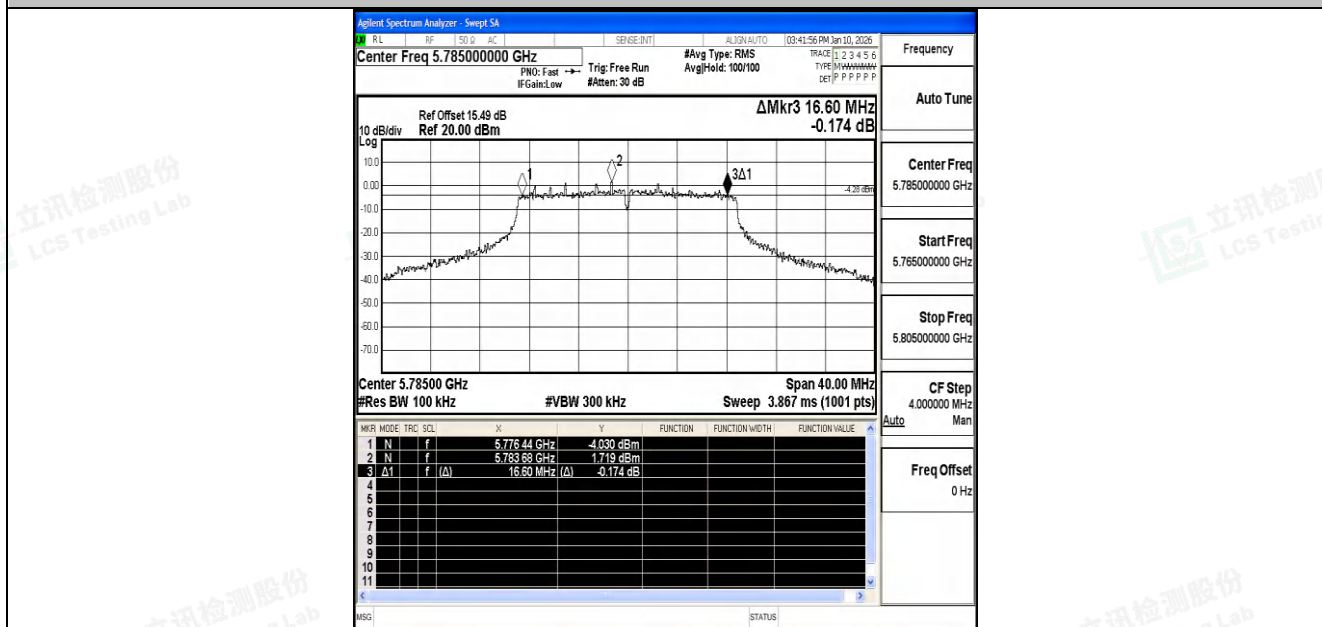
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11AC20SISO-Ant1-5745-PASS



11AC20SISO-Ant1-5785-PASS



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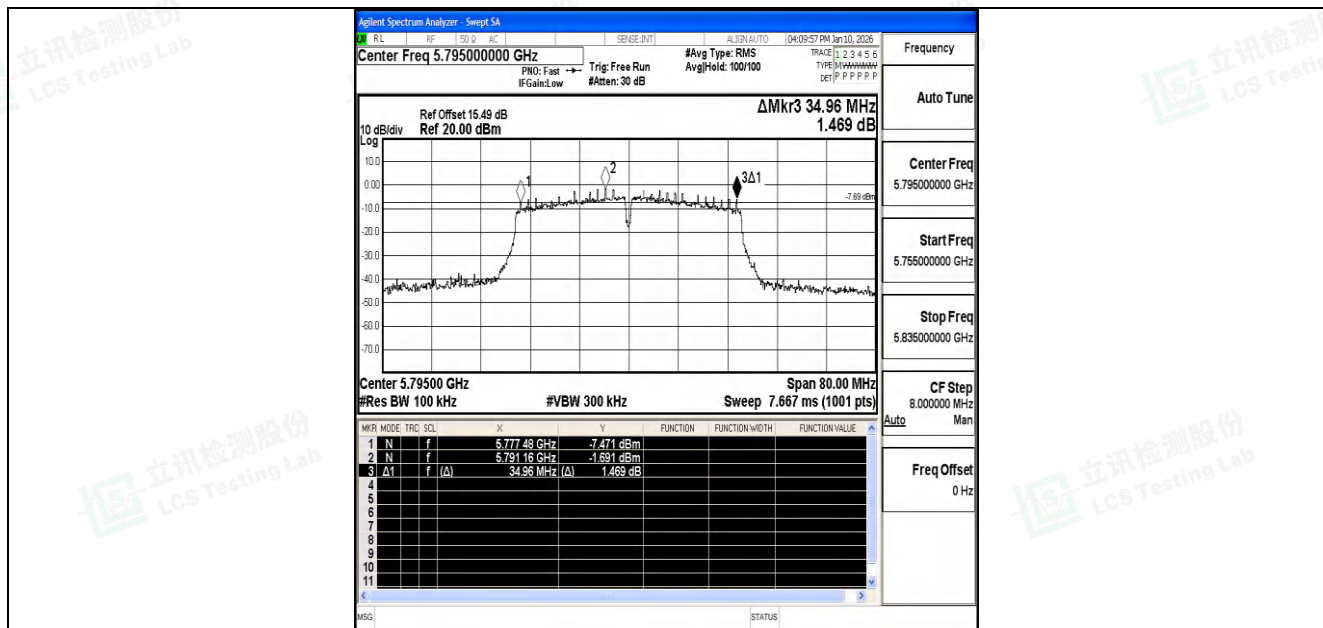


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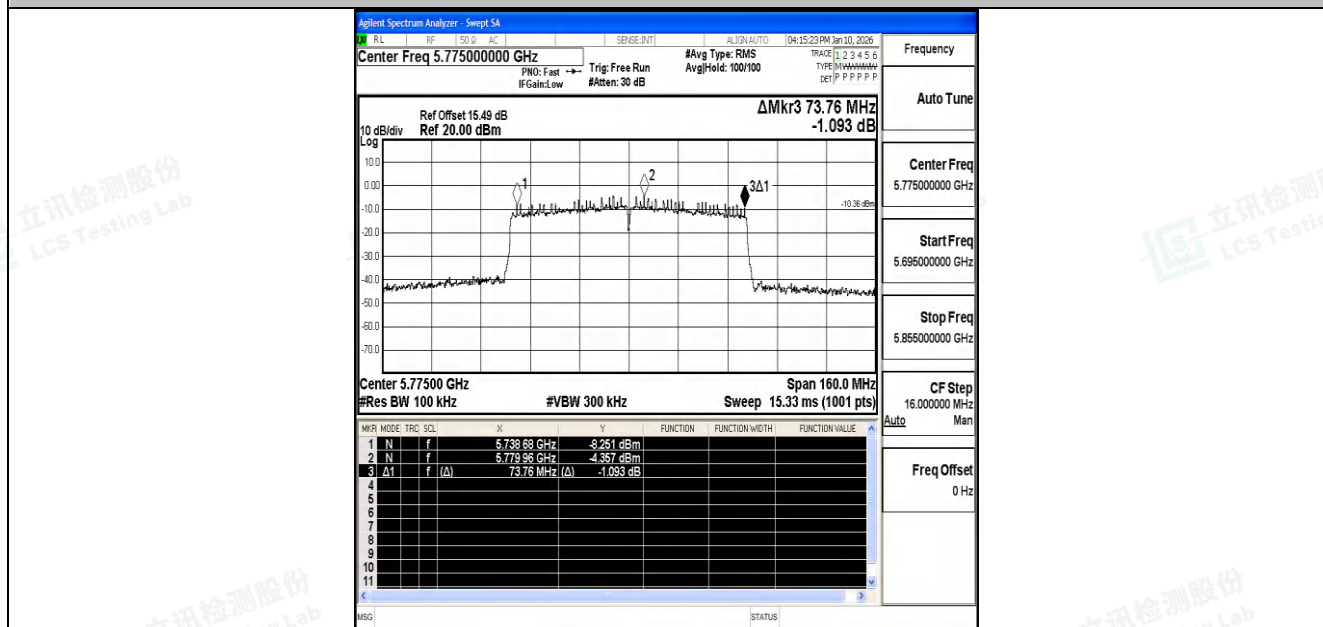
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11AC40SISO-Ant1-5795-PASS



11AC80SISO-Ant1-5775-PASS



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**Test Result B4**

TestMode	Antenna	Frequency[MHz]	6db EBW [MHz]	FL[MHz]	FH[MHz]	Limit[MHz]	Verdict
11A	Ant2	5745	16.320	5736.760	5753.080	0.5	PASS
11A	Ant2	5785	16.280	5776.800	5793.080	0.5	PASS
11A	Ant2	5825	16.280	5816.800	5833.080	0.5	PASS
11N20SISO	Ant2	5745	15.760	5737.040	5752.800	0.5	PASS
11N20SISO	Ant2	5785	17.520	5776.160	5793.680	0.5	PASS
11N20SISO	Ant2	5825	17.240	5816.160	5833.400	0.5	PASS
11N40SISO	Ant2	5755	33.760	5737.480	5771.240	0.5	PASS
11N40SISO	Ant2	5795	33.760	5778.680	5812.440	0.5	PASS
11AC20SISO	Ant2	5745	17.560	5736.160	5753.720	0.5	PASS
11AC20SISO	Ant2	5785	17.280	5776.160	5793.440	0.5	PASS
11AC20SISO	Ant2	5825	17.520	5816.160	5833.680	0.5	PASS
11AC40SISO	Ant2	5755	33.760	5737.480	5771.240	0.5	PASS
11AC40SISO	Ant2	5795	32.560	5779.880	5812.440	0.5	PASS
11AC80SISO	Ant2	5775	73.920	5737.400	5811.320	0.5	PASS



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Test Graphs B4

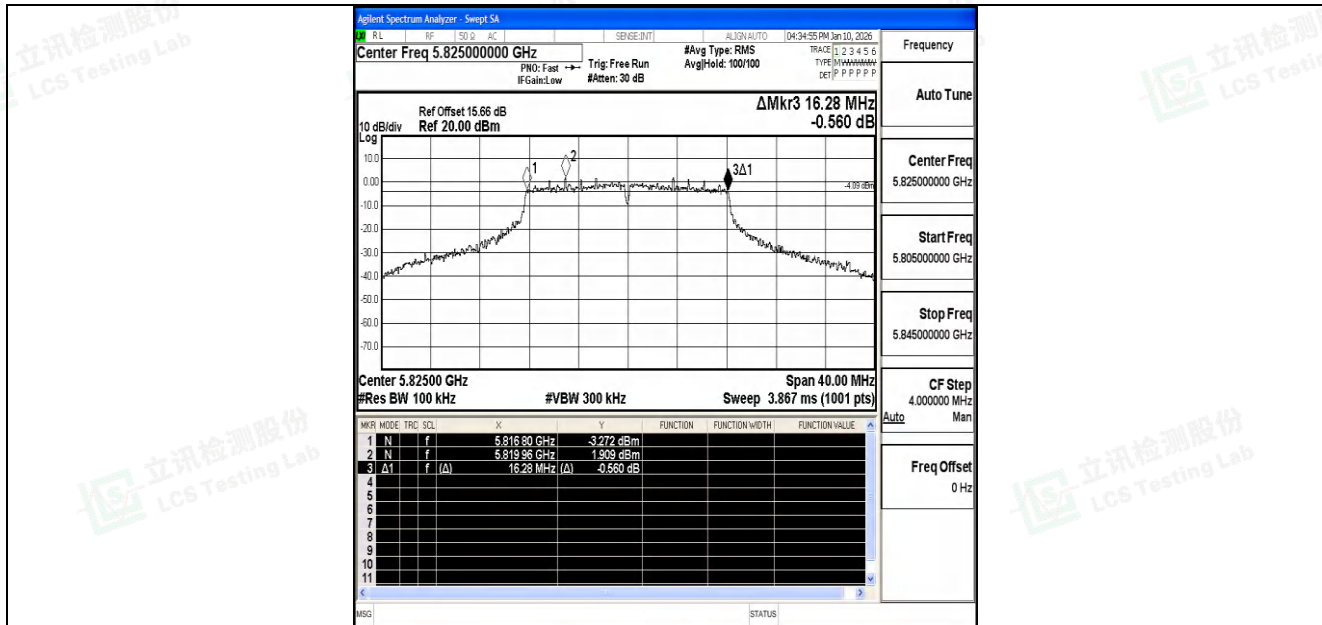


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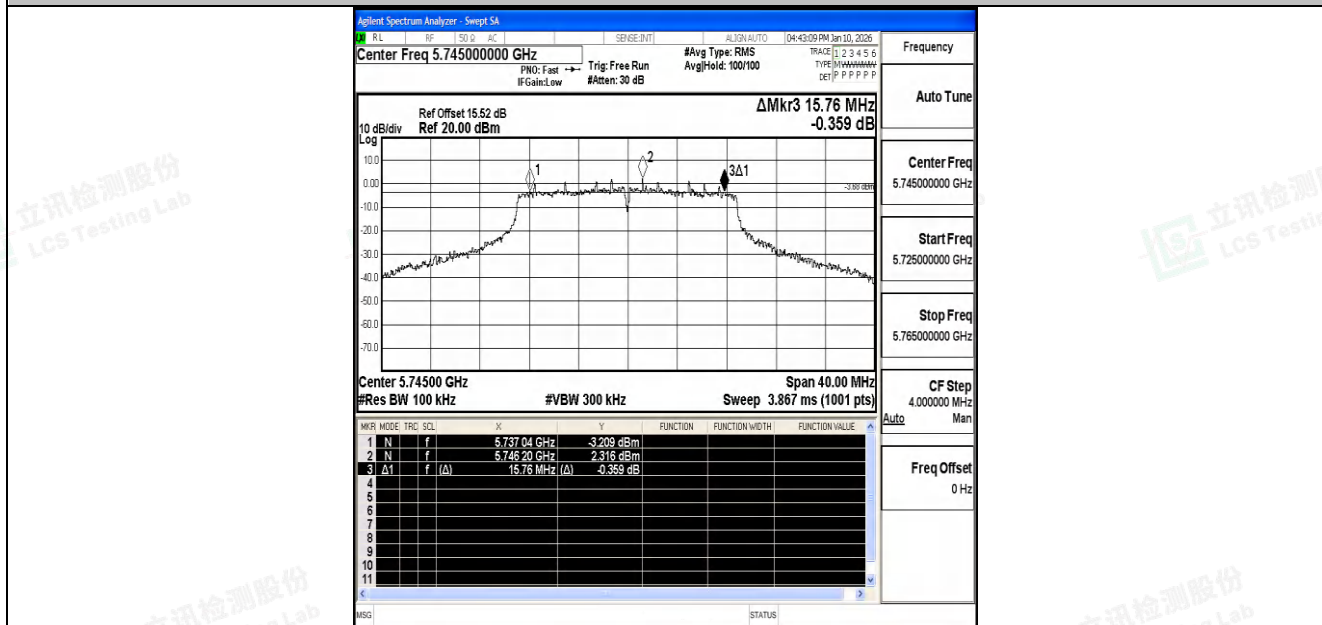
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11A-Ant2-5825-PASS



11N20SISO-Ant2-5745-PASS

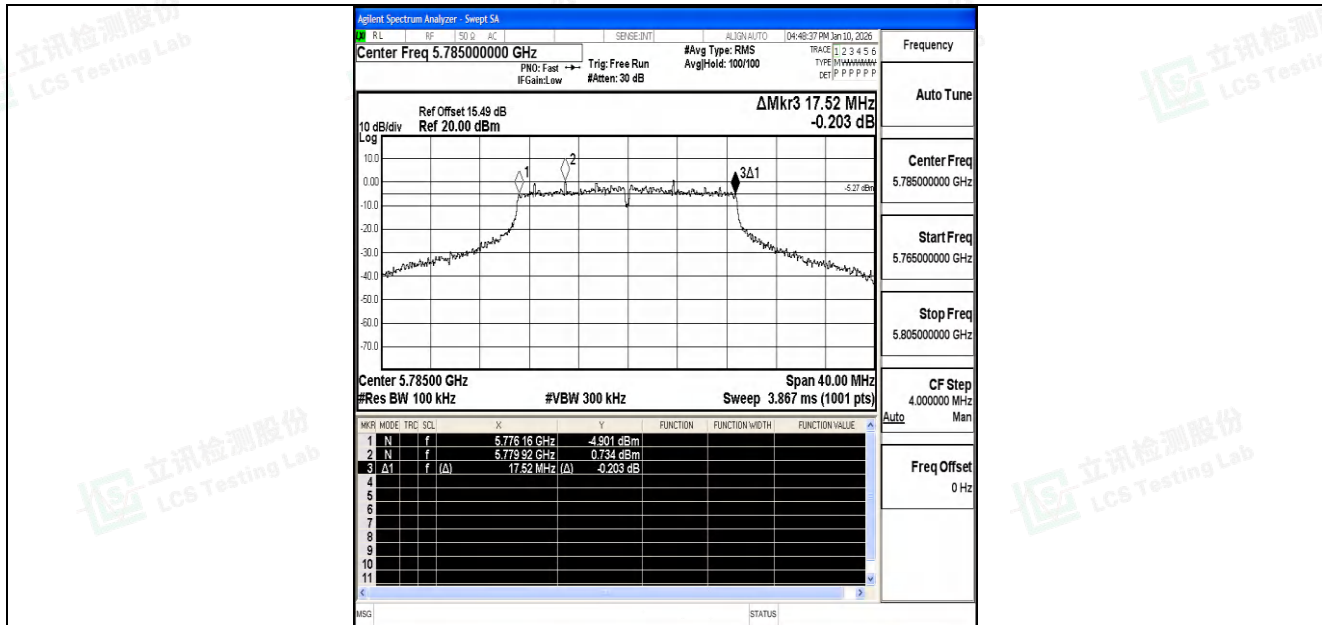


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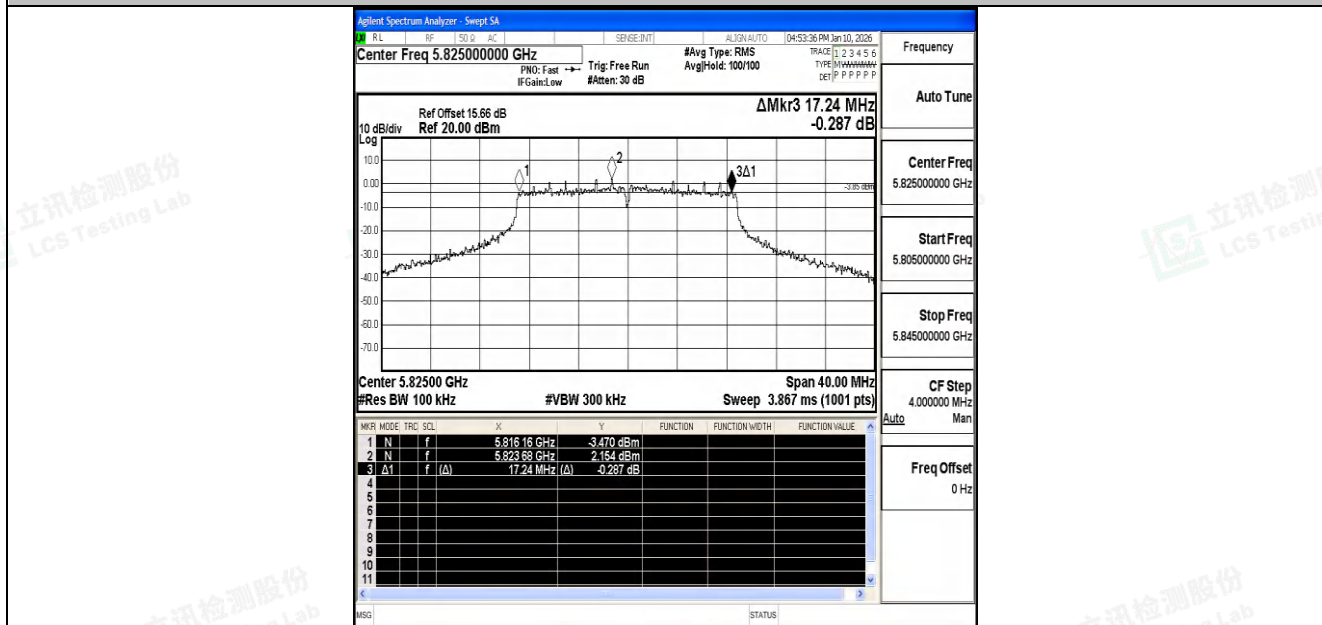
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11N20SISO-Ant2-5785-PASS



11N20SISO-Ant2-5825-PASS

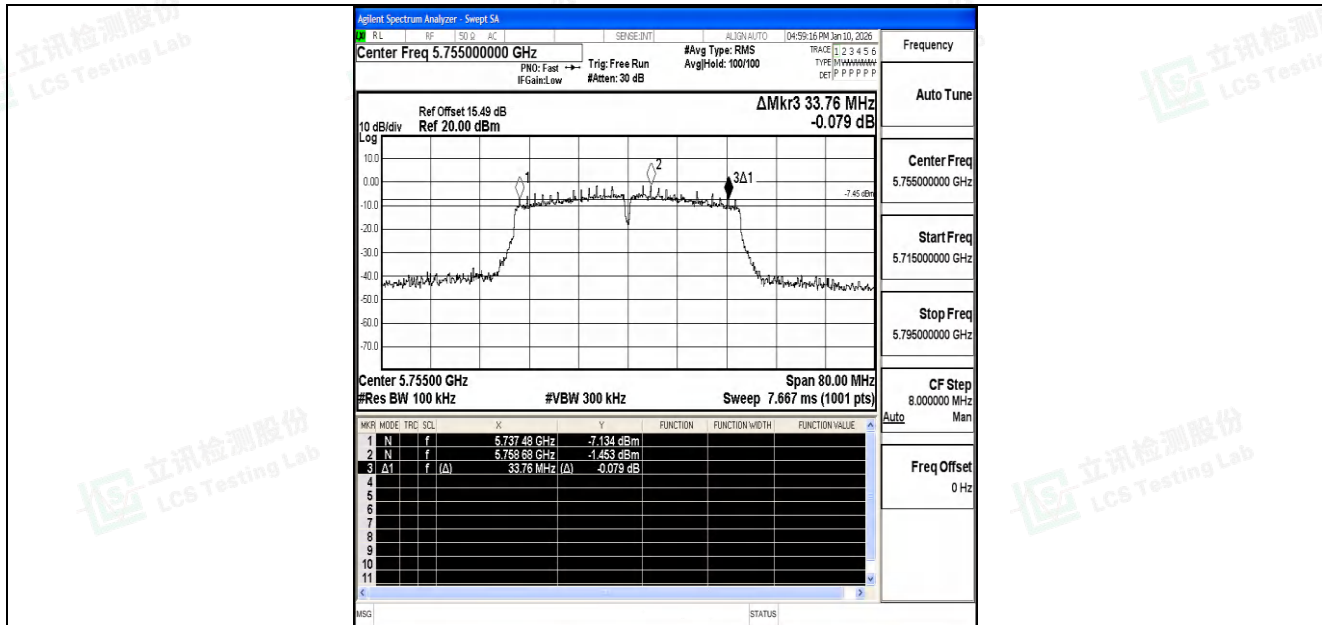


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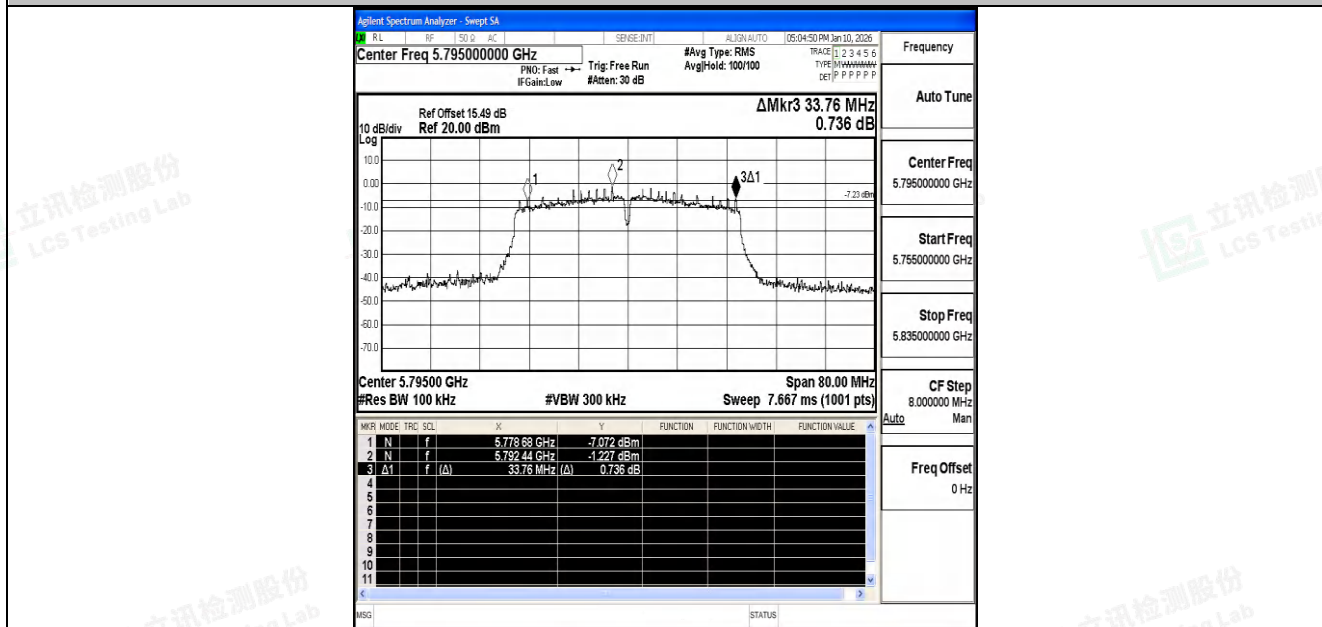
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11N40SISO-Ant2-5755-PASS



11N40SISO-Ant2-5795-PASS

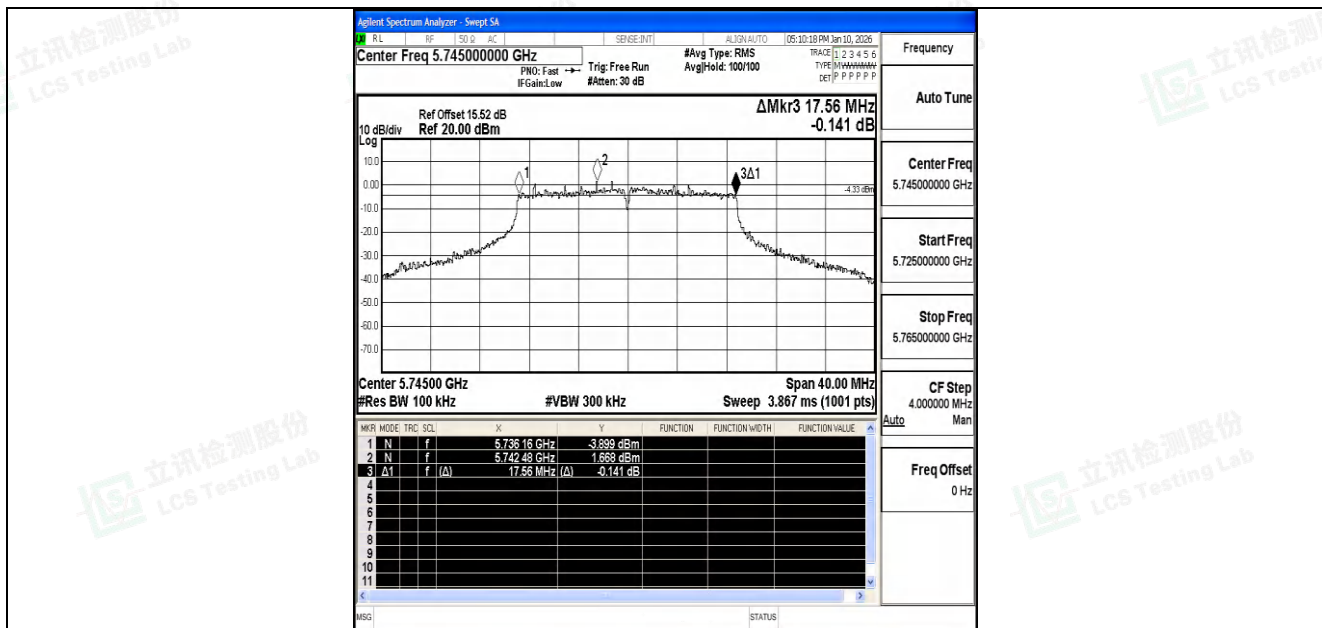


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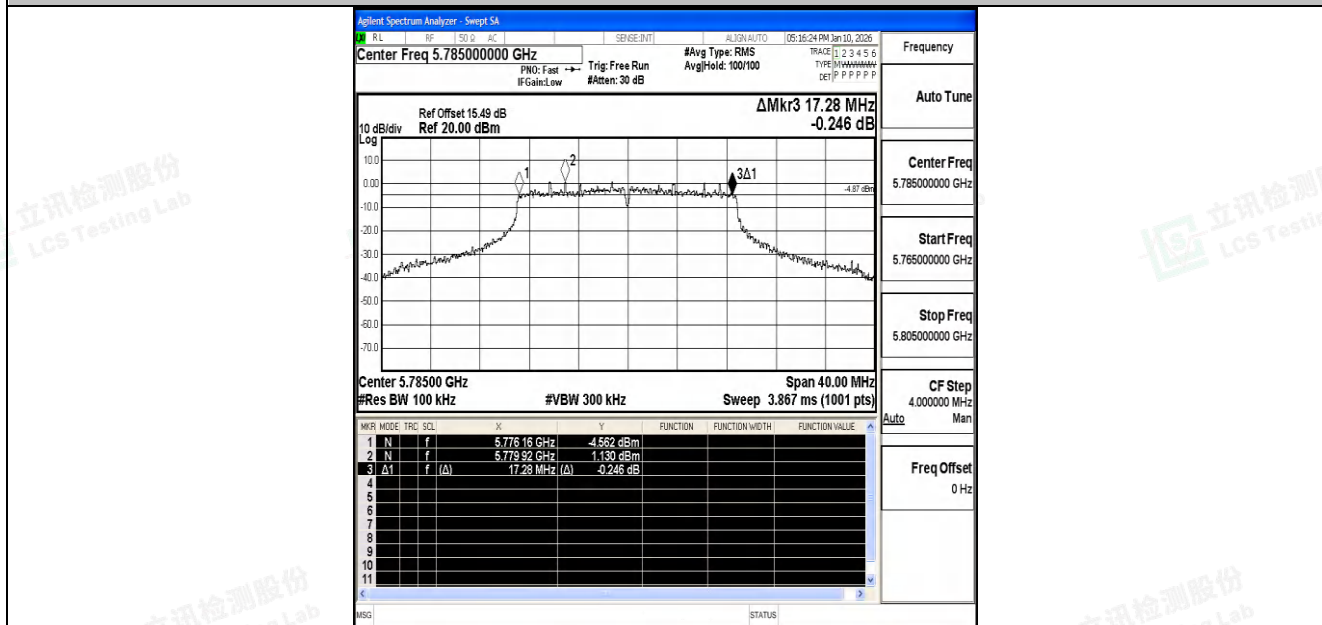
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11AC20SISO-Ant2-5745-PASS



11AC20SISO-Ant2-5785-PASS

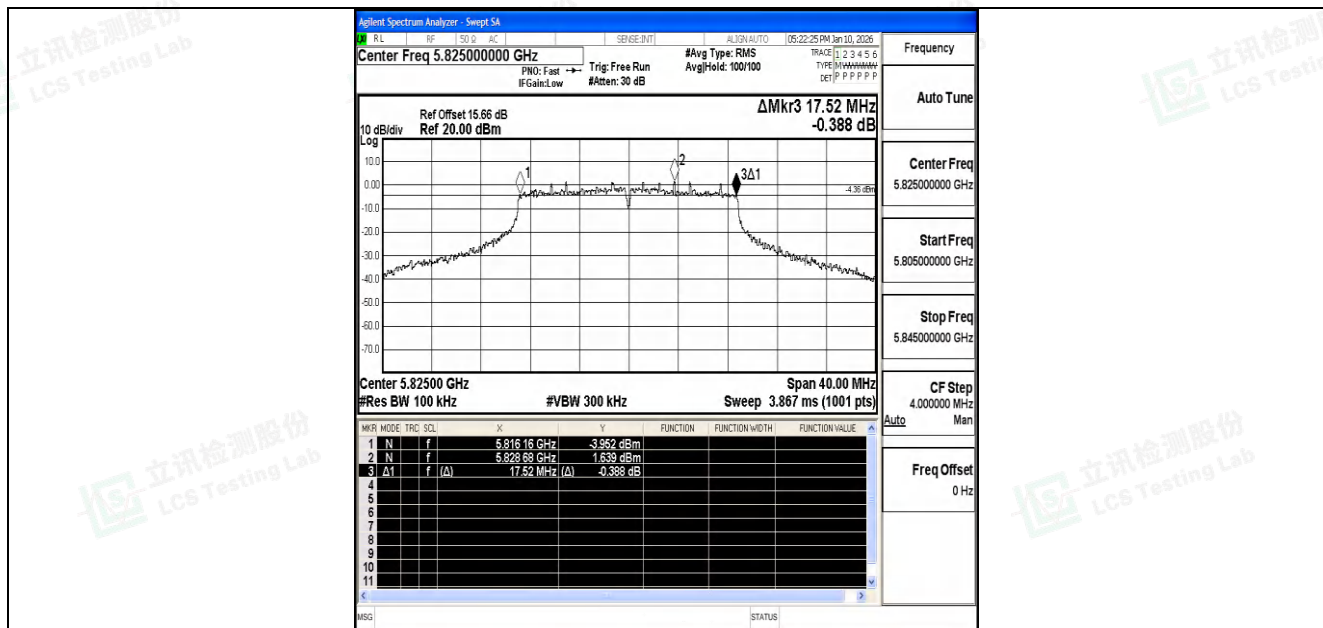


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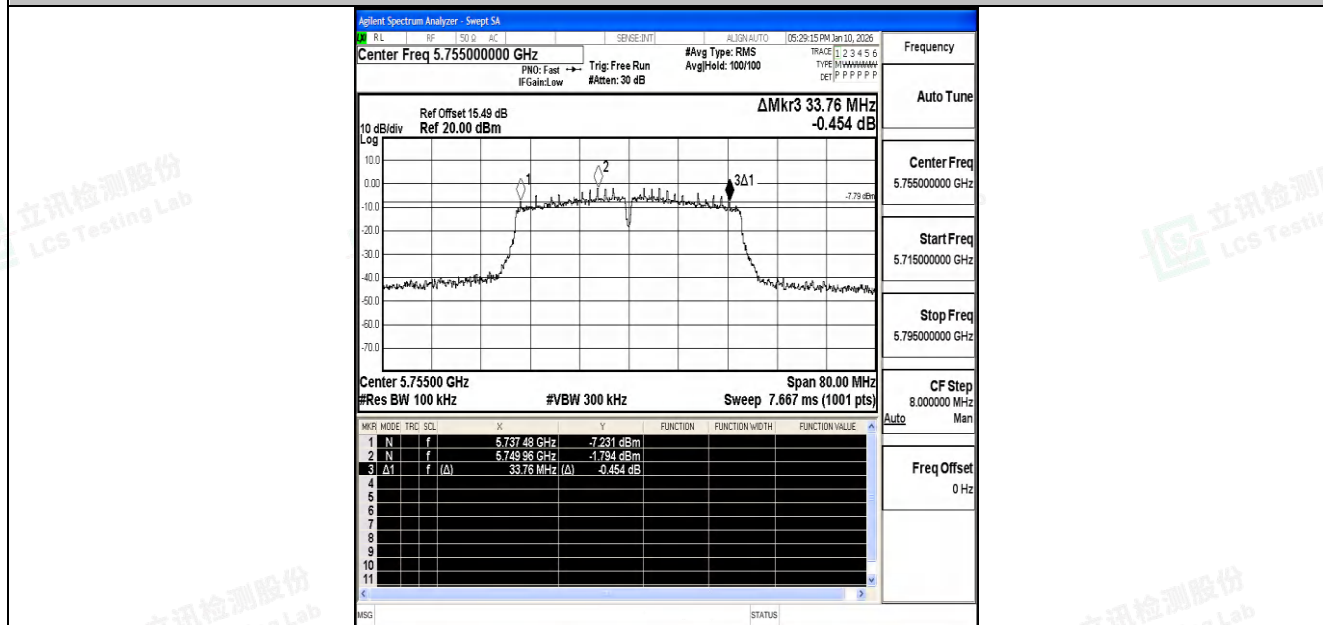
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11AC20SISO-Ant2-5825-PASS



11AC40SISO-Ant2-5755-PASS

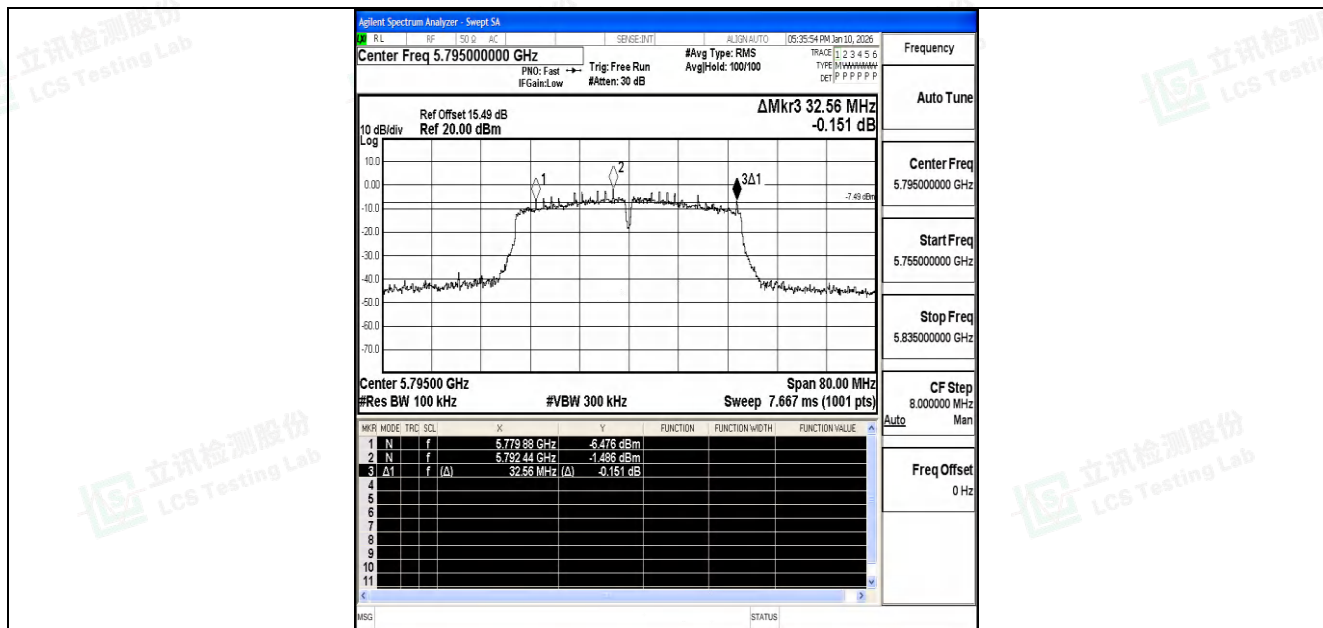


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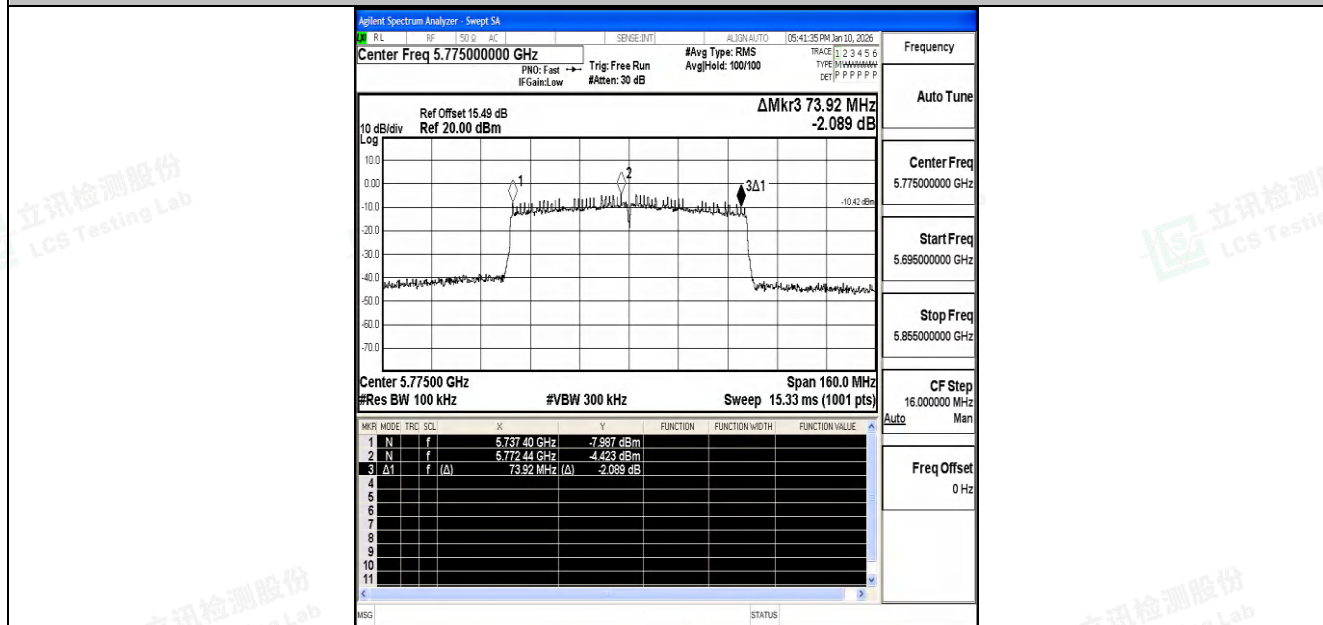
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11AC40SISO-Ant2-5795-PASS



11AC80SISO-Ant2-5775-PASS



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G.2 Maximum Conducted Output Power

Condition	Mode	Frequency (MHz)	Antenna	Conducted Power (dBm)	Duty Factor (dB)	Total Power (dBm)	Limit (dBm)	Verdict
NVNT	a	5745	Ant1	10.31	1.67	11.98	30	Pass
NVNT	a	5785	Ant1	11.92	0.09	12.01	30	Pass
NVNT	a	5825	Ant1	12.92	0.12	13.04	30	Pass
NVNT	n20	5745	Ant1	11.41	0.1	11.51	30	Pass
NVNT	n20	5785	Ant1	12.05	0.1	12.15	30	Pass
NVNT	n20	5825	Ant1	12.45	0.13	12.58	30	Pass
NVNT	n40	5755	Ant1	10.68	0.2	10.88	30	Pass
NVNT	n40	5795	Ant1	10.48	0.26	10.74	30	Pass
NVNT	ac20	5745	Ant1	12.26	0.13	12.39	30	Pass
NVNT	ac20	5785	Ant1	12.32	0.13	12.45	30	Pass
NVNT	ac20	5825	Ant1	12.7	0.13	12.83	30	Pass
NVNT	ac40	5755	Ant1	10.93	0.26	11.19	30	Pass
NVNT	ac40	5795	Ant1	10.97	0.26	11.23	30	Pass
NVNT	ac80	5775	Ant1	10.73	0.51	11.24	30	Pass

Condition	Mode	Frequency (MHz)	Antenna	Conducted Power (dBm)	Duty Factor (dB)	Total Power (dBm)	Limit (dBm)	Verdict
NVNT	a	5745	Ant2	12.36	0.09	12.45	30	Pass
NVNT	a	5785	Ant2	11.85	0.09	11.94	30	Pass
NVNT	a	5825	Ant2	13.14	0.12	13.26	30	Pass
NVNT	n20	5745	Ant2	12.37	0.1	12.47	30	Pass
NVNT	n20	5785	Ant2	12.08	0.1	12.18	30	Pass
NVNT	n20	5825	Ant2	12.98	0.1	13.08	30	Pass
NVNT	n40	5755	Ant2	10.81	3.11	13.92	30	Pass
NVNT	n40	5795	Ant2	10.82	0.26	11.08	30	Pass
NVNT	ac20	5745	Ant2	12.73	0.13	12.86	30	Pass
NVNT	ac20	5785	Ant2	12.23	0.1	12.33	30	Pass
NVNT	ac20	5825	Ant2	13.03	0.1	13.13	30	Pass
NVNT	ac40	5755	Ant2	11.13	0.26	11.39	30	Pass
NVNT	ac40	5795	Ant2	10.75	0.2	10.95	30	Pass
NVNT	ac80	5775	Ant2	10.89	0.51	11.40	30	Pass



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MIMO

Condition	Mode	Frequency (MHz)	Total Power (dBm)			Limit (dBm)	Verdict
			Ant1	Ant2	Ant1+Ant2		
NVNT	n20	5745	11.51	12.47	15.03	30	Pass
NVNT	n20	5785	12.15	12.18	15.18	30	Pass
NVNT	n20	5825	12.58	13.08	15.85	30	Pass
NVNT	n40	5755	10.88	13.92	15.67	30	Pass
NVNT	n40	5795	10.74	11.08	13.92	30	Pass
NVNT	ac20	5745	12.39	12.86	15.64	30	Pass
NVNT	ac20	5785	12.45	12.33	15.40	30	Pass
NVNT	ac20	5825	12.83	13.13	15.99	30	Pass
NVNT	ac40	5755	11.19	11.39	14.30	30	Pass
NVNT	ac40	5795	11.23	10.95	14.10	30	Pass
NVNT	ac80	5775	11.24	11.40	14.33	30	Pass



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G.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	-2.76	1.67	-1.09	30	Pass
NVNT	a	5785	Ant1	-0.99	0.09	-0.9	30	Pass
NVNT	a	5825	Ant1	0.32	0.12	0.44	30	Pass
NVNT	n20	5745	Ant1	-1.56	0.1	-1.46	30	Pass
NVNT	n20	5785	Ant1	-1.07	0.1	-0.97	30	Pass
NVNT	n20	5825	Ant1	-0.37	0.13	-0.24	30	Pass
NVNT	n40	5755	Ant1	-4.67	0.2	-4.47	30	Pass
NVNT	n40	5795	Ant1	-4.97	0.26	-4.71	30	Pass
NVNT	ac20	5745	Ant1	-0.8	0.13	-0.67	30	Pass
NVNT	ac20	5785	Ant1	-0.88	0.13	-0.75	30	Pass
NVNT	ac20	5825	Ant1	0.16	0.13	0.29	30	Pass
NVNT	ac40	5755	Ant1	-4.24	0.26	-3.98	30	Pass
NVNT	ac40	5795	Ant1	-4.45	0.26	-4.19	30	Pass
NVNT	ac80	5775	Ant1	-7.82	0.51	-7.31	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	-1.16	0.09	-1.07	30	Pass
NVNT	a	5785	Ant2	-0.54	0.09	-0.45	30	Pass
NVNT	a	5825	Ant2	0.02	0.12	0.14	30	Pass
NVNT	n20	5745	Ant2	-1.01	0.1	-0.91	30	Pass
NVNT	n20	5785	Ant2	-1.38	0.1	-1.28	30	Pass
NVNT	n20	5825	Ant2	0.06	0.1	0.16	30	Pass
NVNT	n40	5755	Ant2	-4.55	3.11	-1.44	30	Pass
NVNT	n40	5795	Ant2	-5.04	0.26	-4.78	30	Pass
NVNT	ac20	5745	Ant2	-0.4	0.13	-0.27	30	Pass
NVNT	ac20	5785	Ant2	-1.03	0.1	-0.93	30	Pass
NVNT	ac20	5825	Ant2	-0.37	0.1	-0.27	30	Pass
NVNT	ac40	5755	Ant2	-4.41	0.26	-4.15	30	Pass
NVNT	ac40	5795	Ant2	-4.64	0.2	-4.44	30	Pass
NVNT	ac80	5775	Ant2	-8.41	0.51	-7.9	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	-1.46	-0.91	1.83	27.69	Pass
NVNT	n20	5785	-0.97	-1.28	1.89	27.69	Pass
NVNT	n20	5825	-0.24	0.16	2.97	27.69	Pass
NVNT	n40	5755	-4.47	-1.44	0.31	27.69	Pass
NVNT	n40	5795	-4.71	-4.78	-1.73	27.69	Pass
NVNT	ac20	5745	-0.67	-0.27	2.54	27.69	Pass
NVNT	ac20	5785	-0.75	-0.93	2.17	27.69	Pass
NVNT	ac20	5825	0.29	-0.27	3.03	27.69	Pass
NVNT	ac40	5755	-3.98	-4.15	-1.05	27.69	Pass
NVNT	ac40	5795	-4.19	-4.44	-1.30	27.69	Pass
NVNT	ac80	5775	-7.31	-7.9	-4.58	27.69	Pass



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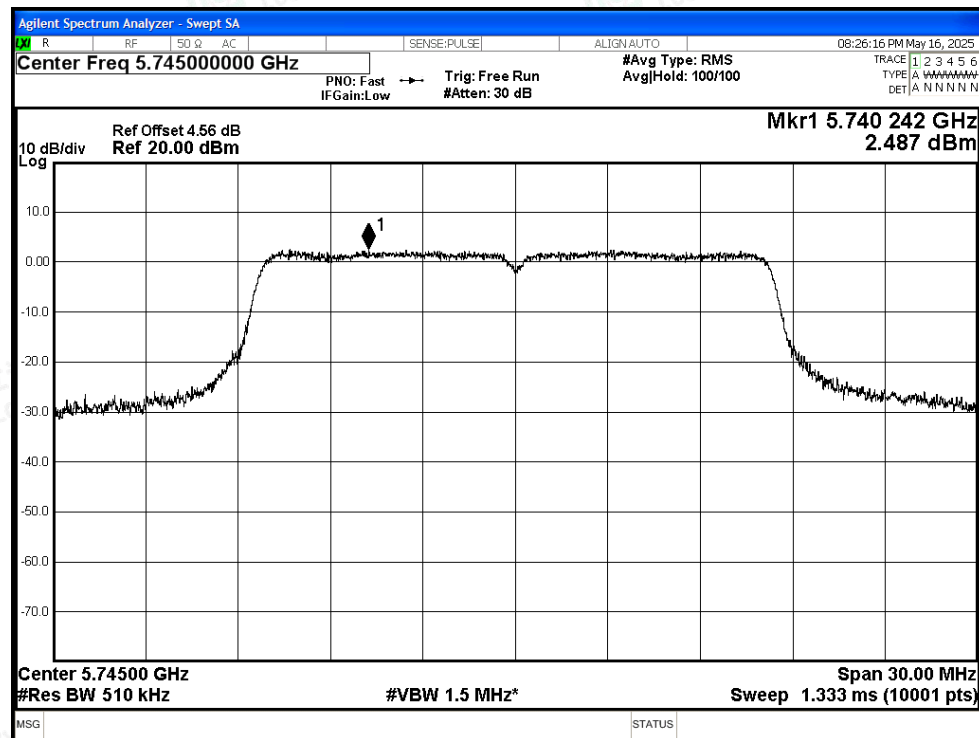
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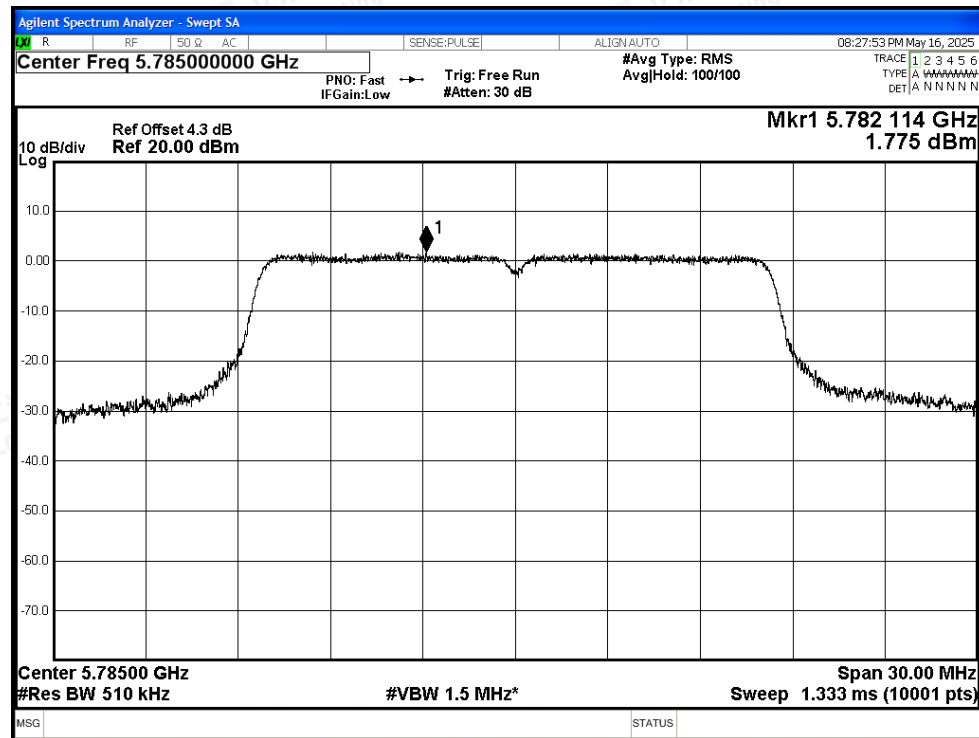


Test Graphs

PSD NVNT a 5745MHz Ant1



PSD NVNT a 5785MHz Ant1



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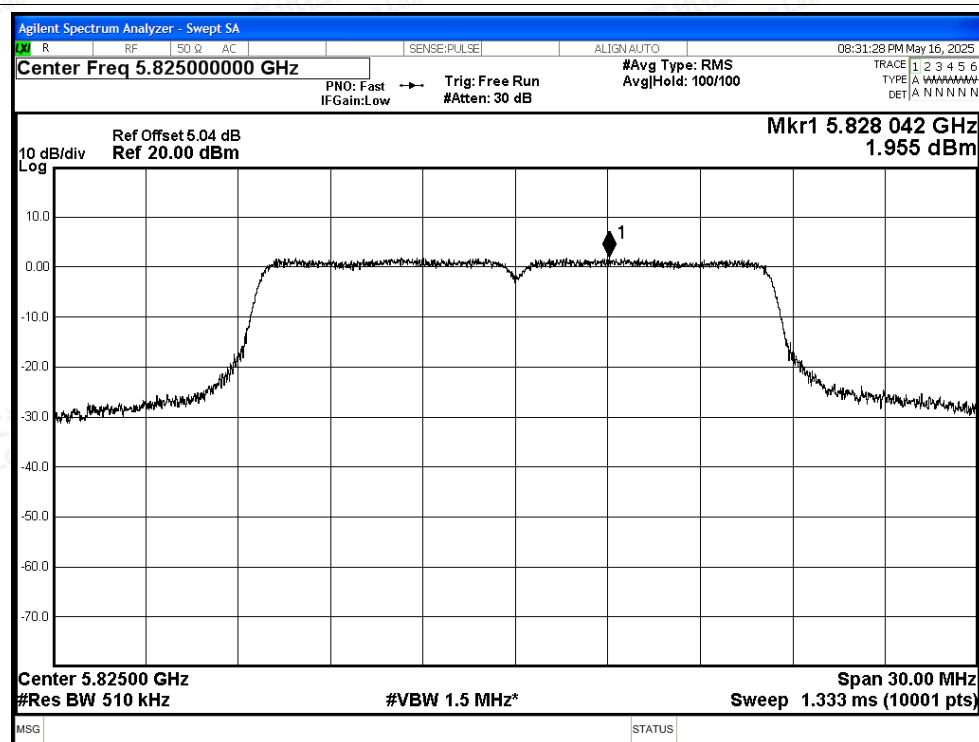
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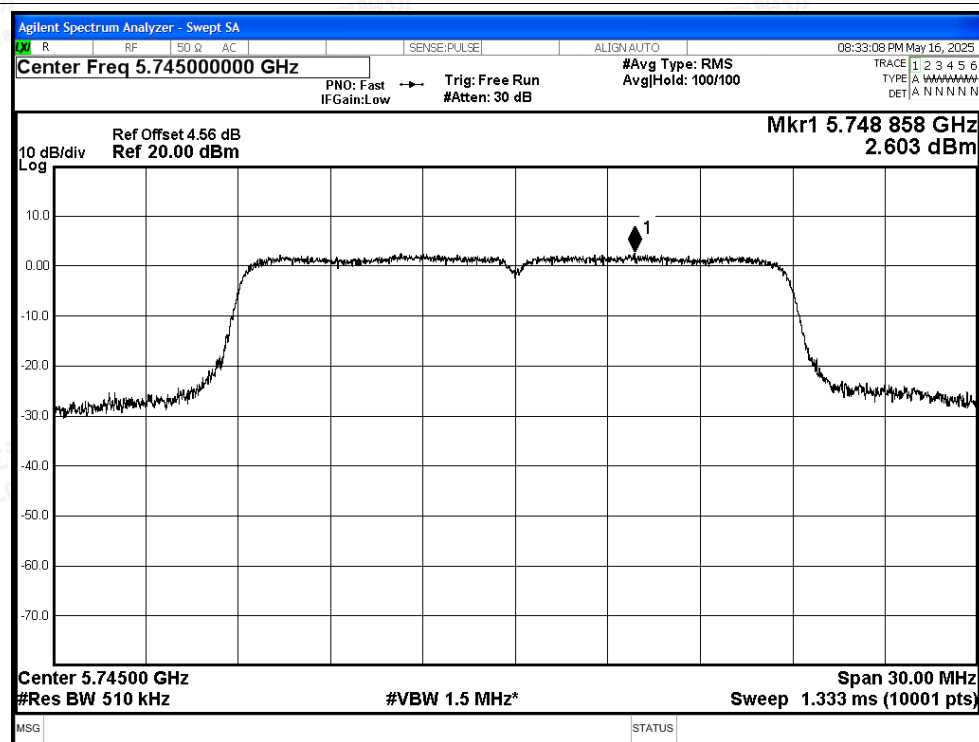
Scan code to check authenticity



PSD NVNT a 5825MHz Ant1



PSD NVNT n20 5745MHz Ant1

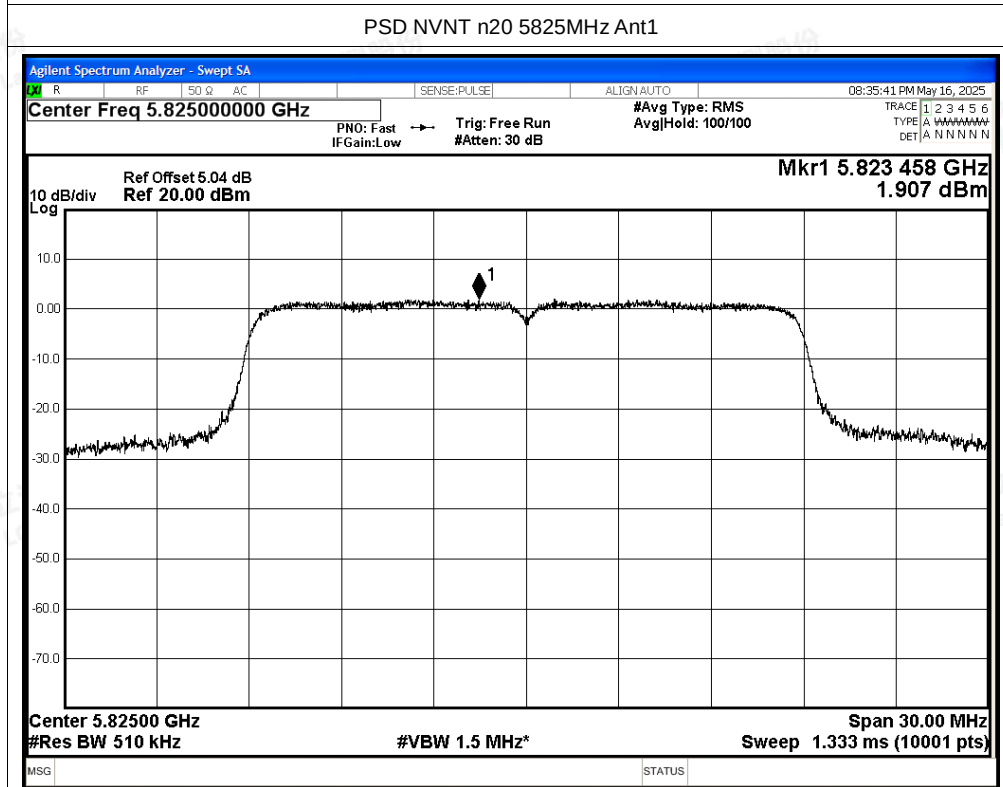
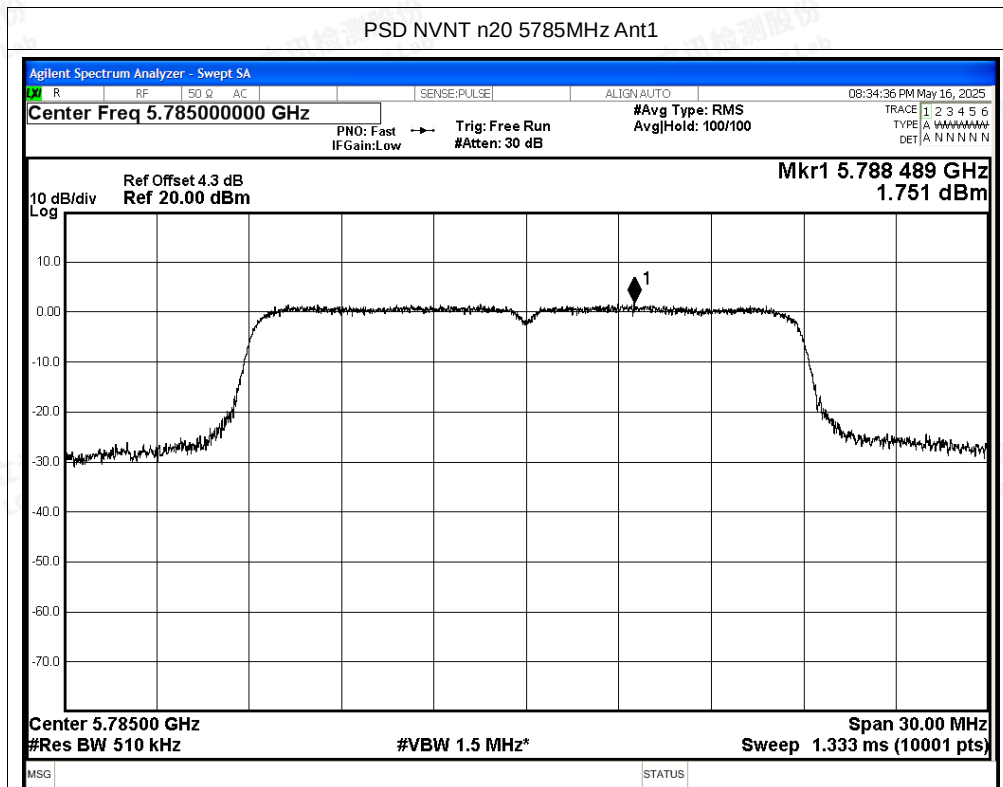


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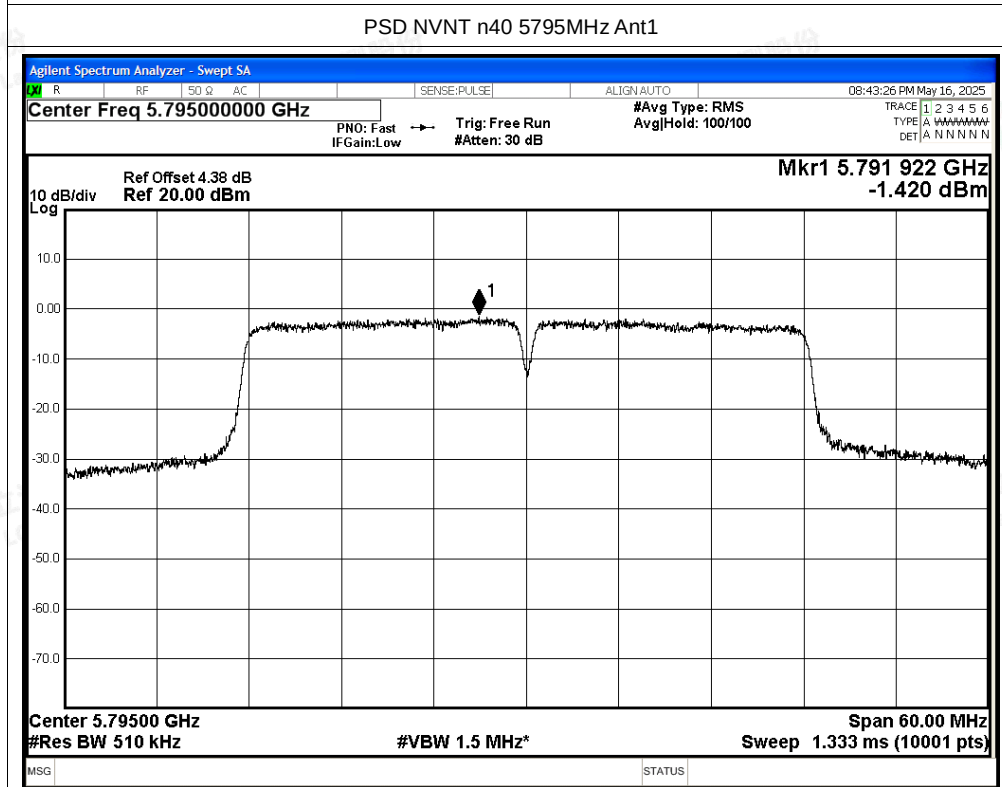
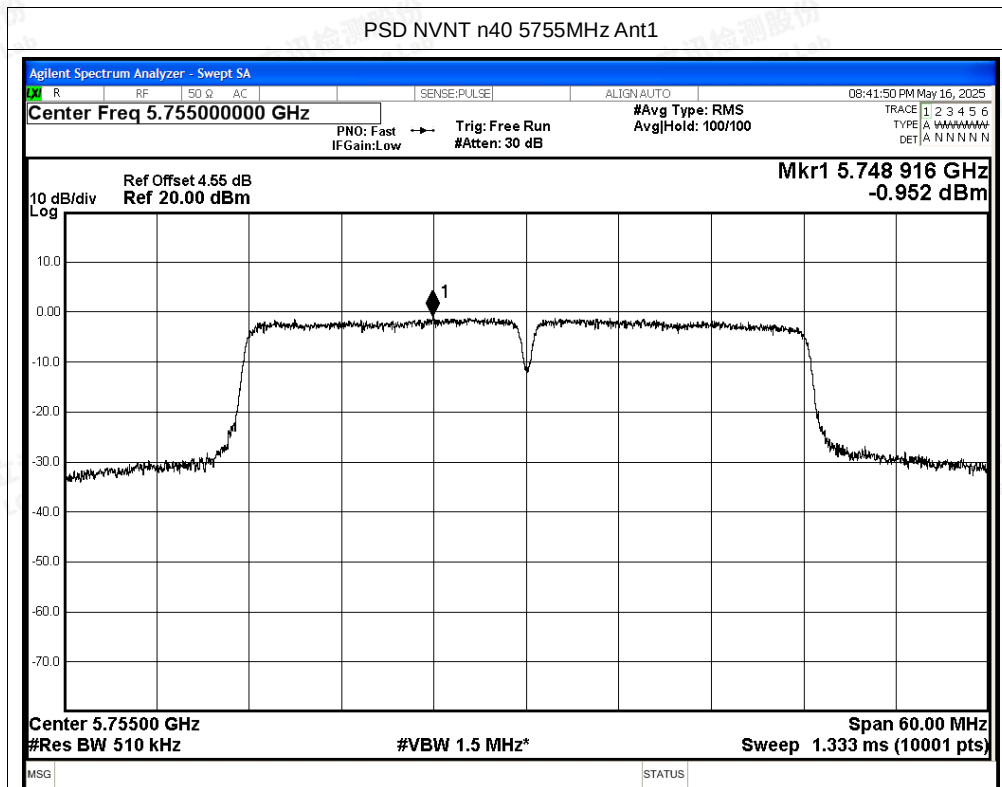


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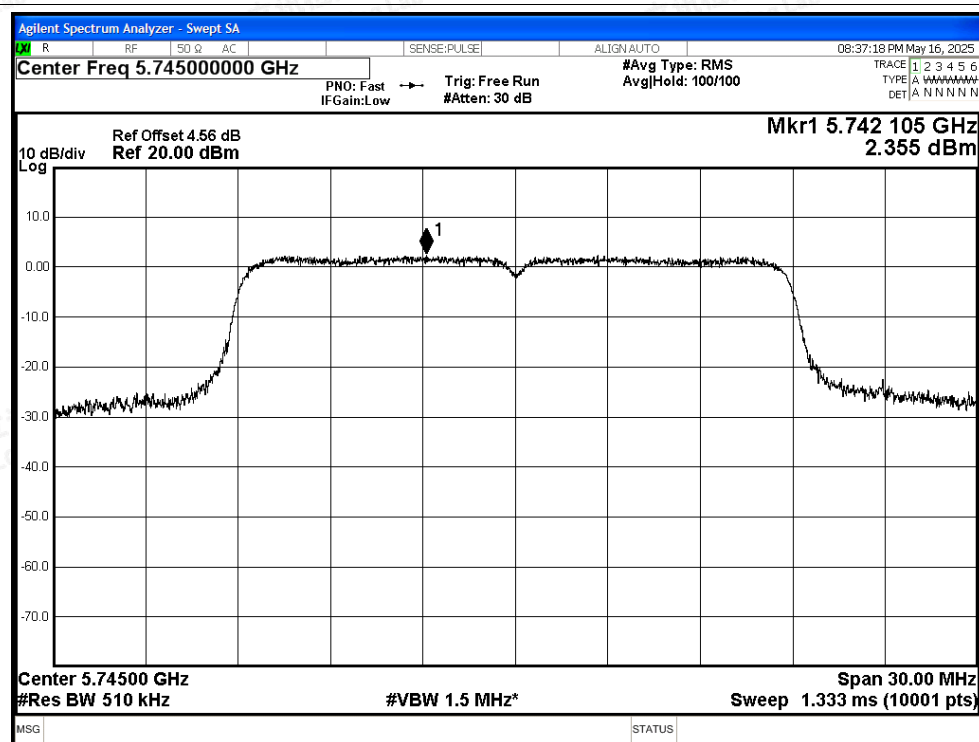
Add: 101, 201 Bldg A & 301 Bldg C, Juji Industrial Park Yabianxueziwei, Shajing Street, Baoan District, Shenzhen, 518000, China

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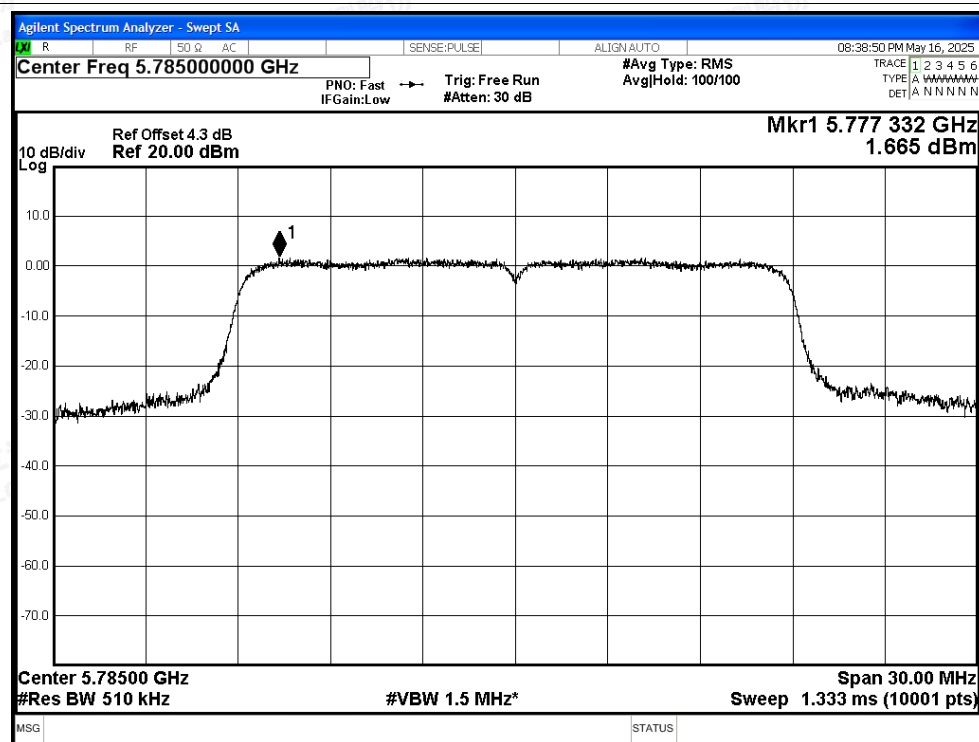
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PSD NVNT ac20 5745MHz Ant1



PSD NVNT ac20 5785MHz Ant1



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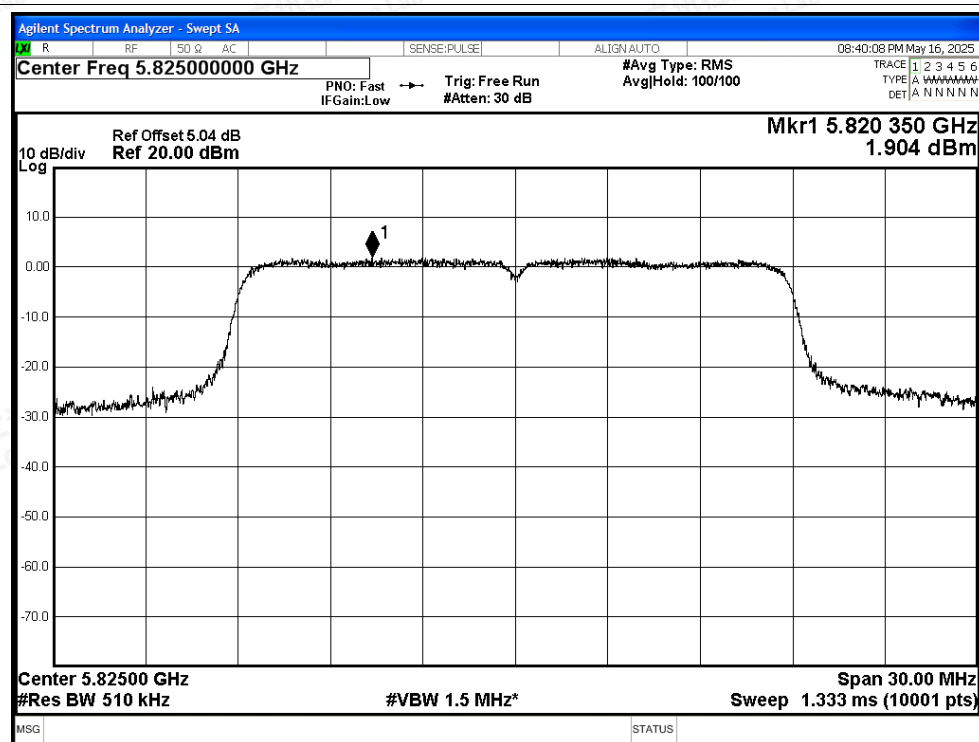
Add: 101, 201 Bldg A & 301 Bldg C, Juji Industrial Park Yabianxueziwei, Shajing Street, Baoan District, Shenzhen, 518000, China

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

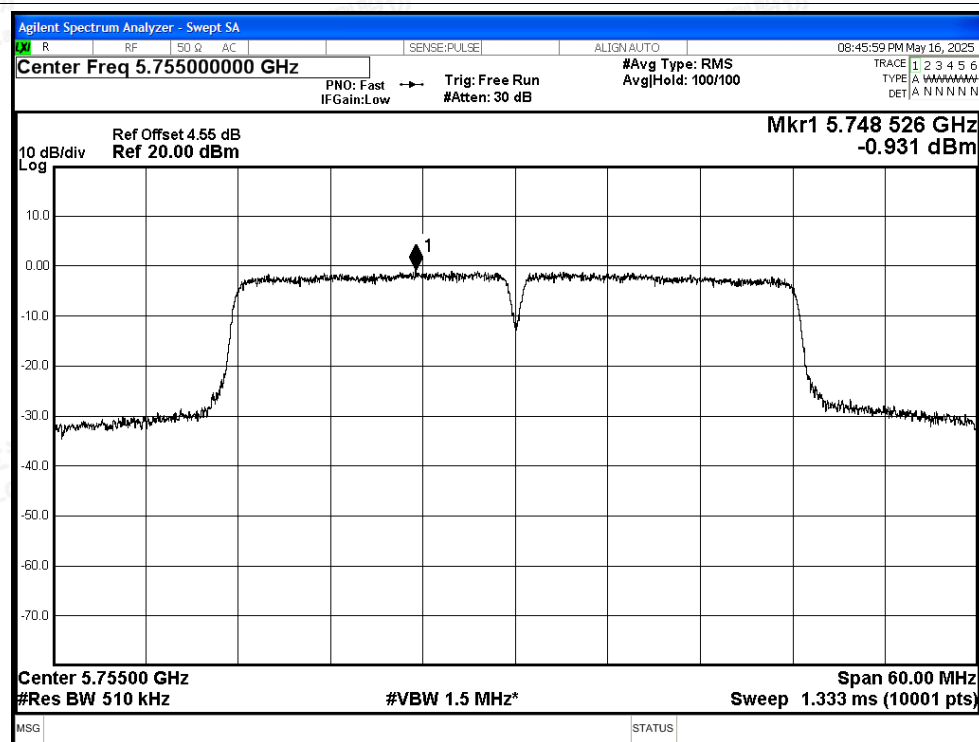
Scan code to check authenticity



PSD NVNT ac20 5825MHz Ant1



PSD NVNT ac40 5755MHz Ant1



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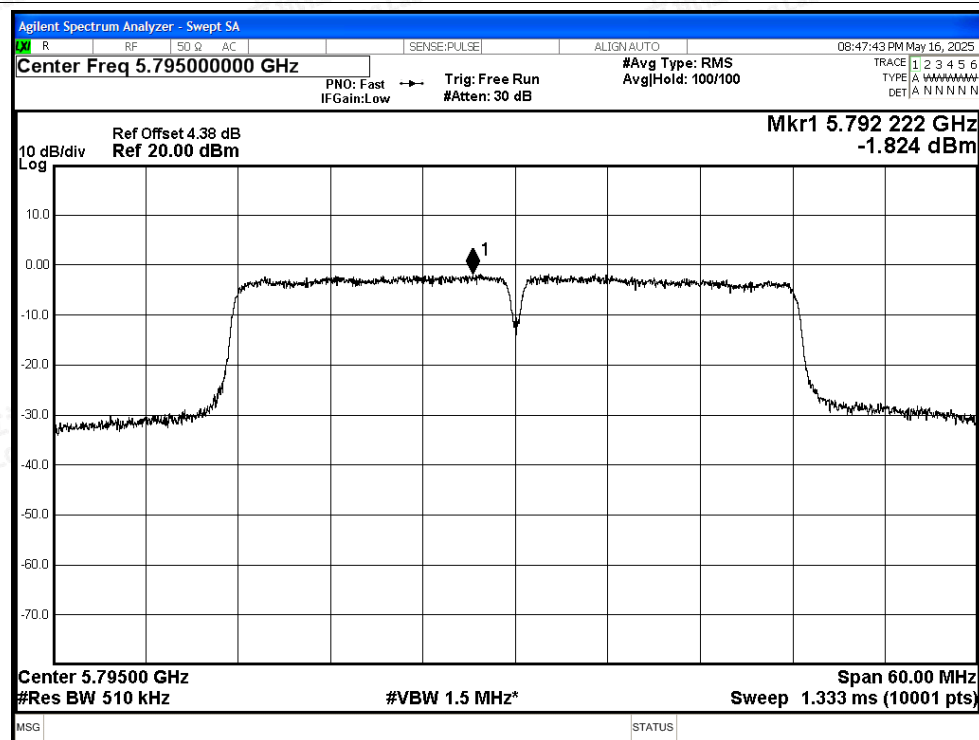
Add: 101, 201 Bldg A & 301 Bldg C, Juji Industrial Park Yabianxueziwei, Shajing Street, Baoan District, Shenzhen, 518000, China

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

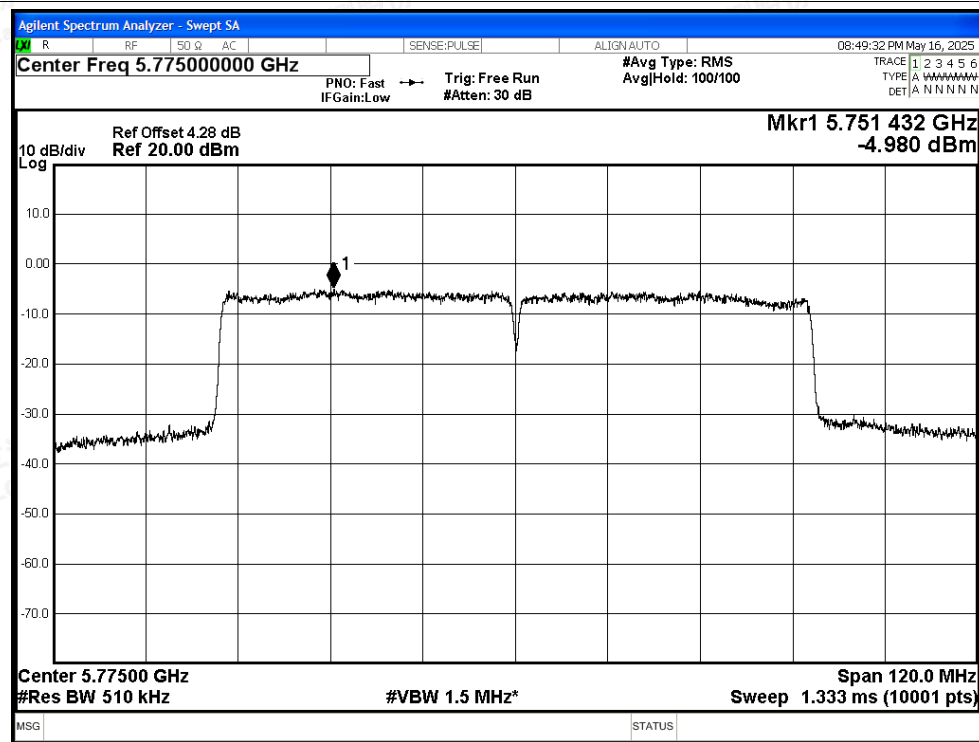
Scan code to check authenticity



PSD NVNT ac40 5795MHz Ant1



PSD NVNT ac80 5775MHz Ant1



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G.4 Emissions in Restricted Bands

Test Result

TestMode	Antenna	ChName	Frequency [MHz]	Detector	Freq [MHz]	Result [dBm]	Limit [dBm]	Verdict
11A	Ant1	Low	5745	Peak	5650.000	-42.102	≤-27.00	PASS
11A	Ant1	Low	5745	Peak	5700.000	-38.2	≤10.00	PASS
11A	Ant1	Low	5745	Peak	5720.000	-35.93	≤15.60	PASS
11A	Ant1	Low	5745	Peak	5725.000	-25.18	≤27.00	PASS
11A	Ant1	High	5825	Peak	5850.000	-32.542	≤27.00	PASS
11A	Ant1	High	5825	Peak	5855.000	-36.22	≤15.60	PASS
11A	Ant1	High	5825	Peak	5875.000	-39.75	≤10.00	PASS
11A	Ant1	High	5825	Peak	5925.000	-43.71	≤-27.00	PASS
11N20SISO	Ant1	Low	5745	Peak	5650.000	-41.796	≤-27.00	PASS
11N20SISO	Ant1	Low	5745	Peak	5700.000	-38.78	≤10.00	PASS
11N20SISO	Ant1	Low	5745	Peak	5720.000	-34.23	≤15.60	PASS
11N20SISO	Ant1	Low	5745	Peak	5725.000	-24.28	≤27.00	PASS
11N20SISO	Ant1	High	5825	Peak	5850.000	-36.183	≤27.00	PASS
11N20SISO	Ant1	High	5825	Peak	5855.000	-35.44	≤15.60	PASS
11N20SISO	Ant1	High	5825	Peak	5875.000	-40.43	≤10.00	PASS
11N20SISO	Ant1	High	5825	Peak	5925.000	-43	≤-27.00	PASS
11N40SISO	Ant1	Low	5755	Peak	5650.000	-41.834	≤-27.00	PASS
11N40SISO	Ant1	Low	5755	Peak	5700.000	-38.92	≤10.00	PASS
11N40SISO	Ant1	Low	5755	Peak	5720.000	-34.42	≤15.60	PASS
11N40SISO	Ant1	Low	5755	Peak	5725.000	-27.25	≤27.00	PASS
11N40SISO	Ant1	High	5795	Peak	5850.000	-39.689	≤27.00	PASS
11N40SISO	Ant1	High	5795	Peak	5855.000	-41.63	≤15.60	PASS
11N40SISO	Ant1	High	5795	Peak	5875.000	-43.41	≤10.00	PASS
11N40SISO	Ant1	High	5795	Peak	5925.000	-45.25	≤-27.00	PASS
11AC20SISO	Ant1	Low	5745	Peak	5650.000	-41.466	≤-27.00	PASS
11AC20SISO	Ant1	Low	5745	Peak	5700.000	-39.91	≤10.00	PASS
11AC20SISO	Ant1	Low	5745	Peak	5720.000	-33.27	≤15.60	PASS
11AC20SISO	Ant1	Low	5745	Peak	5725.000	-22.31	≤27.00	PASS
11AC20SISO	Ant1	High	5825	Peak	5850.000	-35.735	≤27.00	PASS
11AC20SISO	Ant1	High	5825	Peak	5855.000	-36.44	≤15.60	PASS
11AC20SISO	Ant1	High	5825	Peak	5875.000	-39.92	≤10.00	PASS
11AC20SISO	Ant1	High	5825	Peak	5925.000	-42.87	≤-27.00	PASS
11AC40SISO	Ant1	Low	5755	Peak	5650.000	-43.111	≤-27.00	PASS
11AC40SISO	Ant1	Low	5755	Peak	5700.000	-40.06	≤10.00	PASS
11AC40SISO	Ant1	Low	5755	Peak	5720.000	-32.87	≤15.60	PASS



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11AC40SISO	Ant1	Low	5755	Peak	5725.000	-31.06	≤27.00	PASS
11AC40SISO	Ant1	High	5795	Peak	5850.000	-41.659	≤27.00	PASS
11AC40SISO	Ant1	High	5795	Peak	5855.000	-42.71	≤15.60	PASS
11AC40SISO	Ant1	High	5795	Peak	5875.000	-44.04	≤10.00	PASS
11AC40SISO	Ant1	High	5795	Peak	5925.000	-44.86	≤-27.00	PASS
11AC80SISO	Ant1	Low	5775	Peak	5650.000	-42.683	≤-27.00	PASS
11AC80SISO	Ant1	Low	5775	Peak	5700.000	-33.54	≤10.00	PASS
11AC80SISO	Ant1	Low	5775	Peak	5720.000	-30.74	≤15.60	PASS
11AC80SISO	Ant1	Low	5775	Peak	5725.000	-27.94	≤27.00	PASS
11AC80SISO	Ant1	High	5775	Peak	5850.000	-40.477	≤27.00	PASS
11AC80SISO	Ant1	High	5775	Peak	5855.000	-41.46	≤15.60	PASS
11AC80SISO	Ant1	High	5775	Peak	5875.000	-40.1	≤10.00	PASS
11AC80SISO	Ant1	High	5775	Peak	5925.000	-44.57	≤-27.00	PASS

Note:

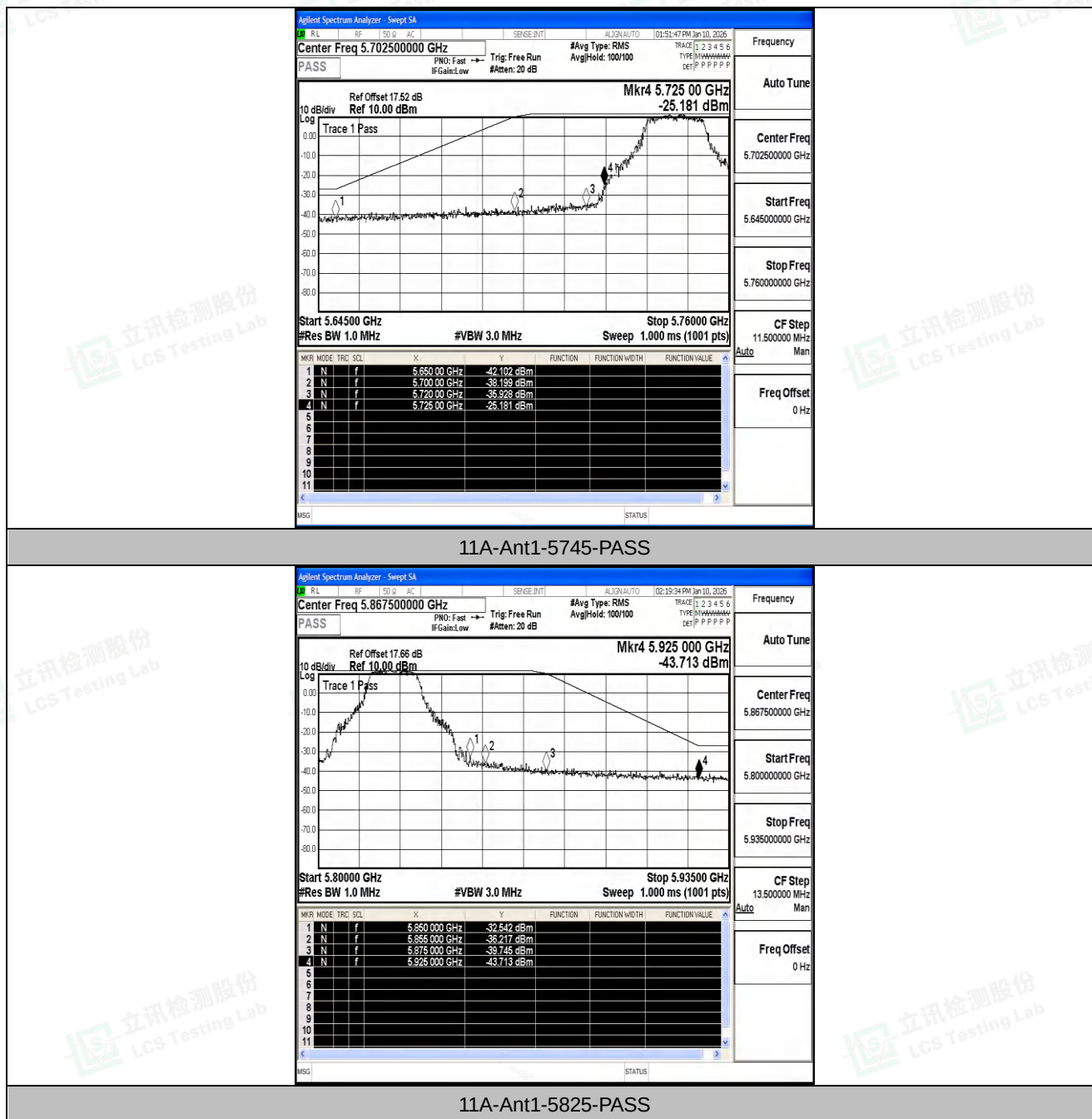
1. The Antenna Gain is compensated in the graph.
2. For transmitters operating in 5150-5350 GHz band and 5470-5725 GHz band: The limit in dBm for average detector is conversion from 54dBuV/m, according to 15.209(a). The limit in dBm for peak detector is 20dB above the limit of average detector in dBm.



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Test Graphs

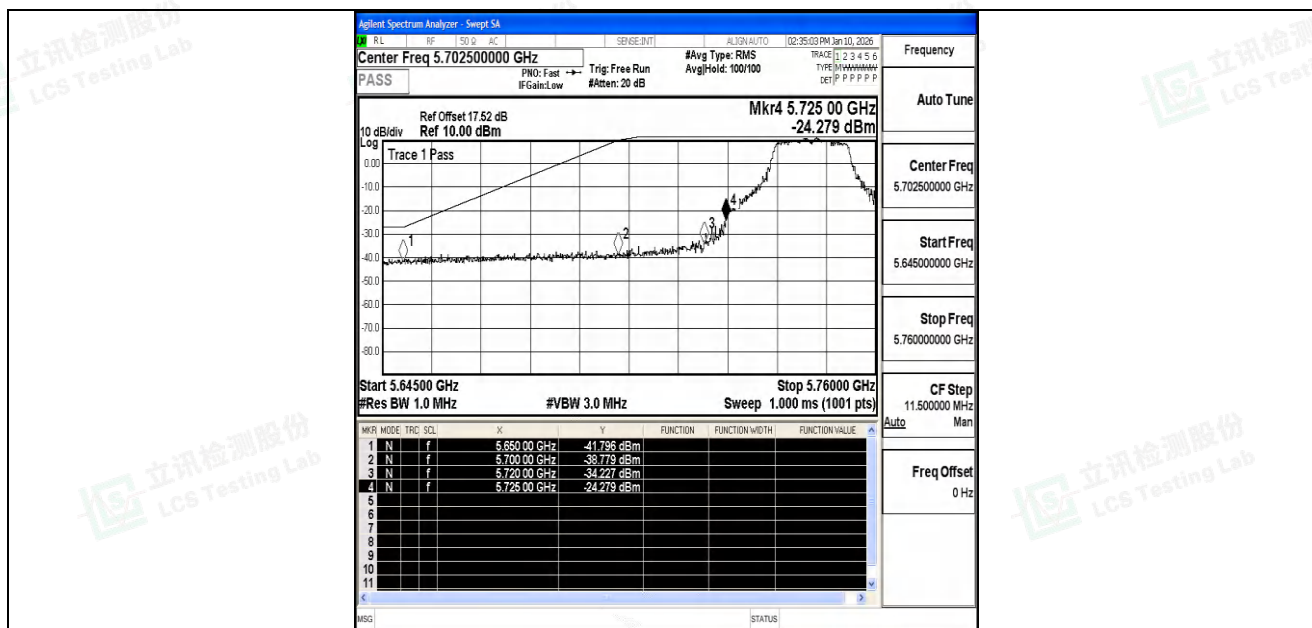


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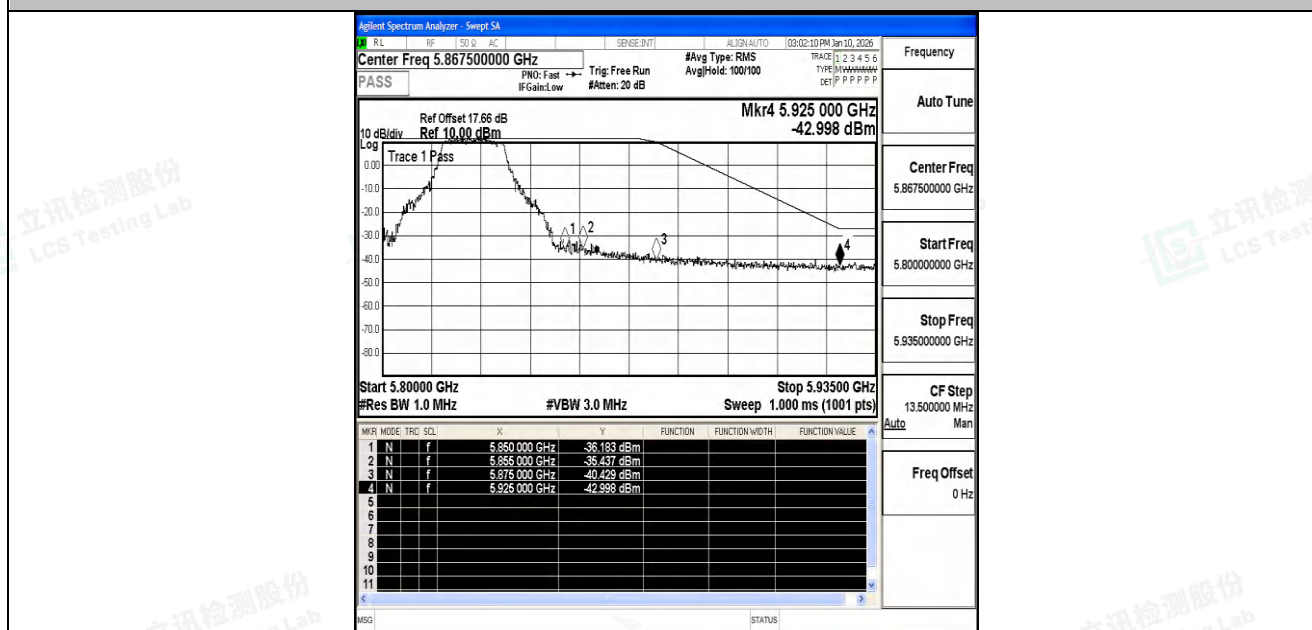
Add: 101, 201 Bldg A & 301 Bldg C, Juji Industrial Park Yabianxueziwei, Shajing Street, Baoan District, Shenzhen, 518000, China

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11N20SISO-Ant1-5745-PASS



11N20SISO-Ant1-5825-PASS

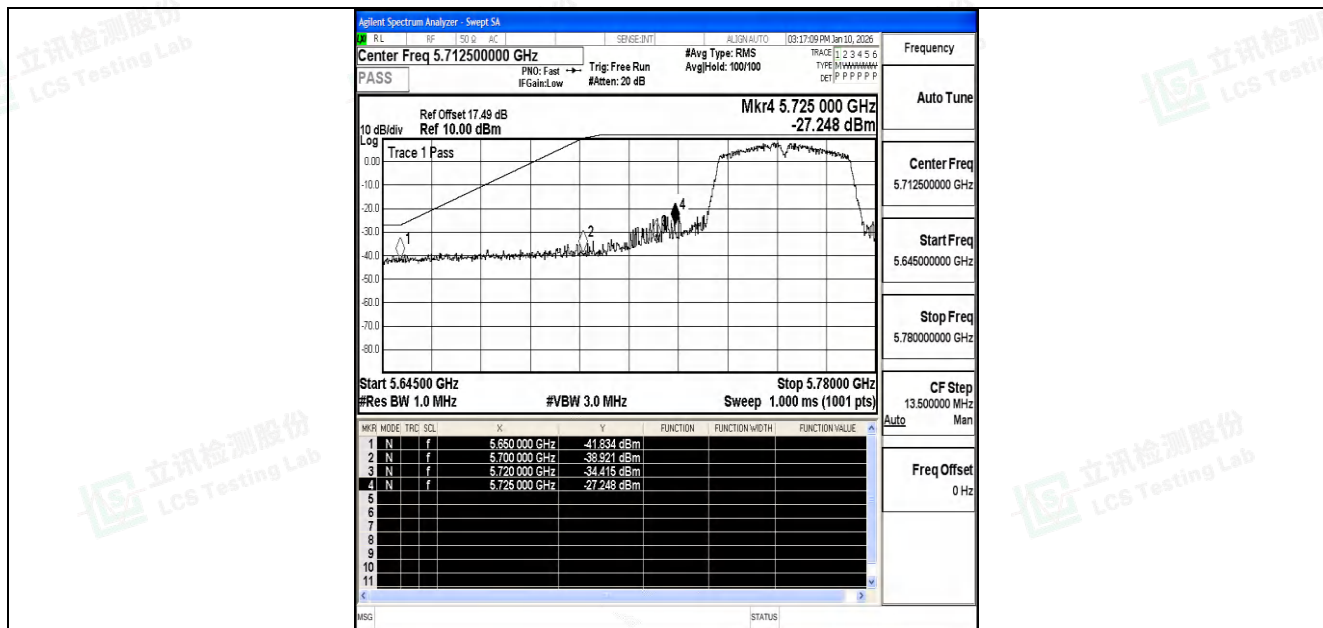


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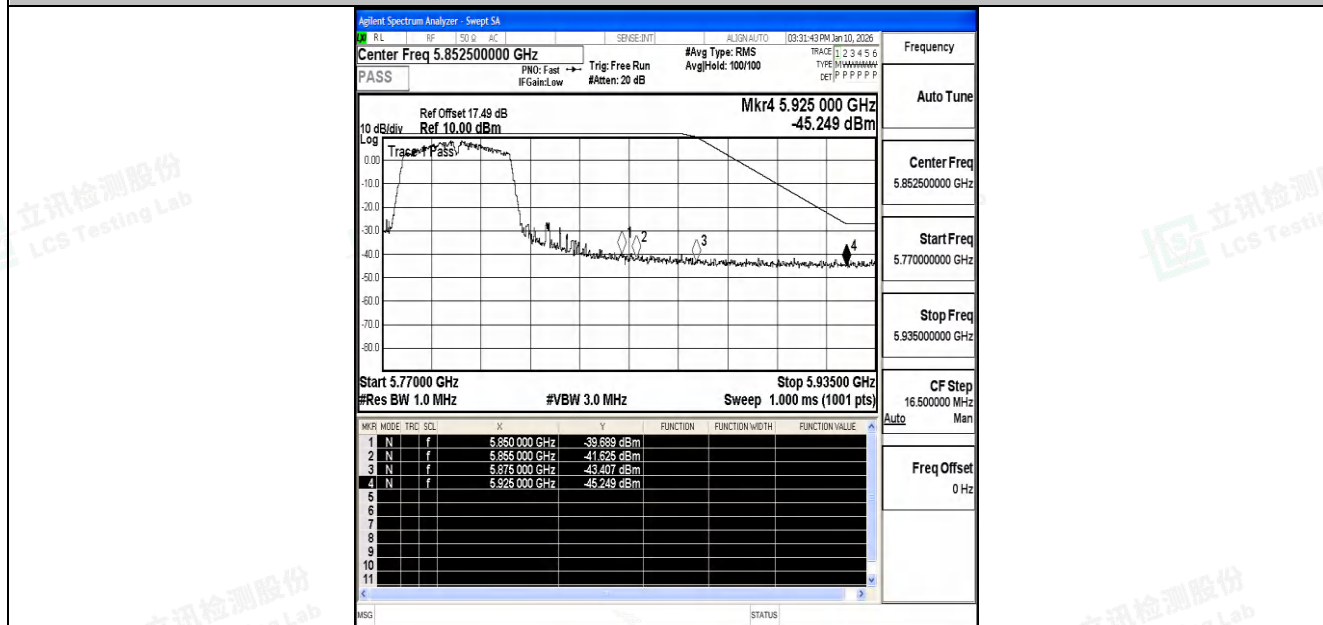
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11N40SISO-Ant1-5755-PASS



11N40SISO-Ant1-5795-PASS

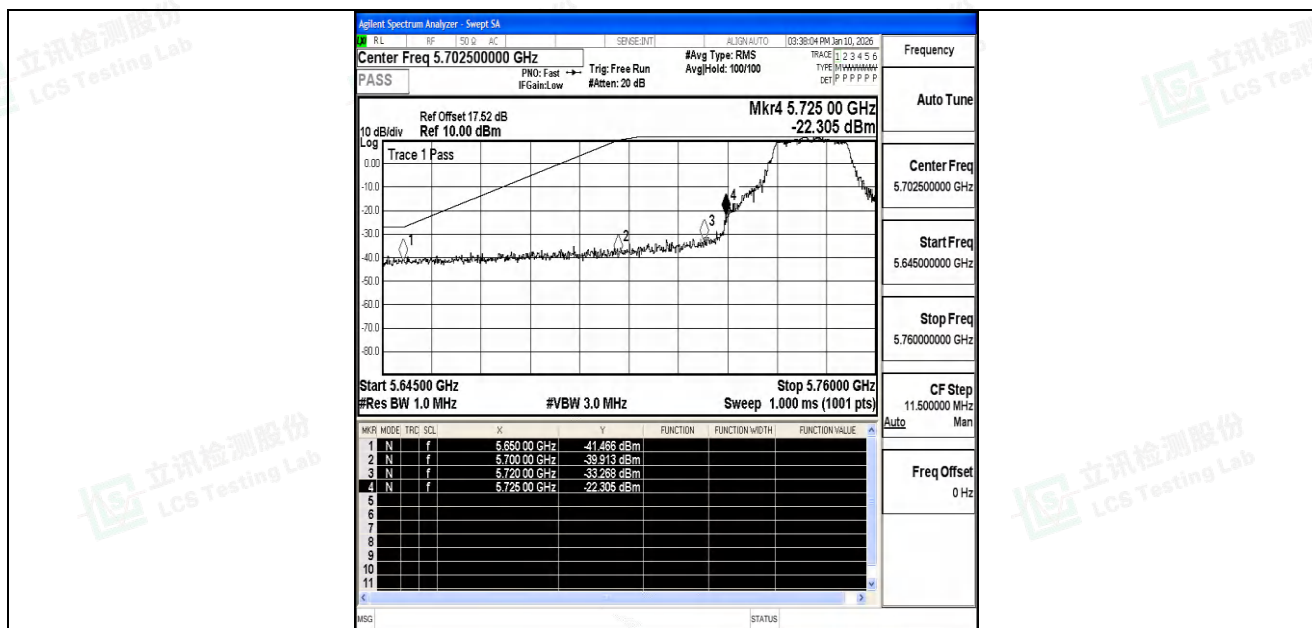


Shenzhen LCS Compliance Testing Laboratory Ltd.

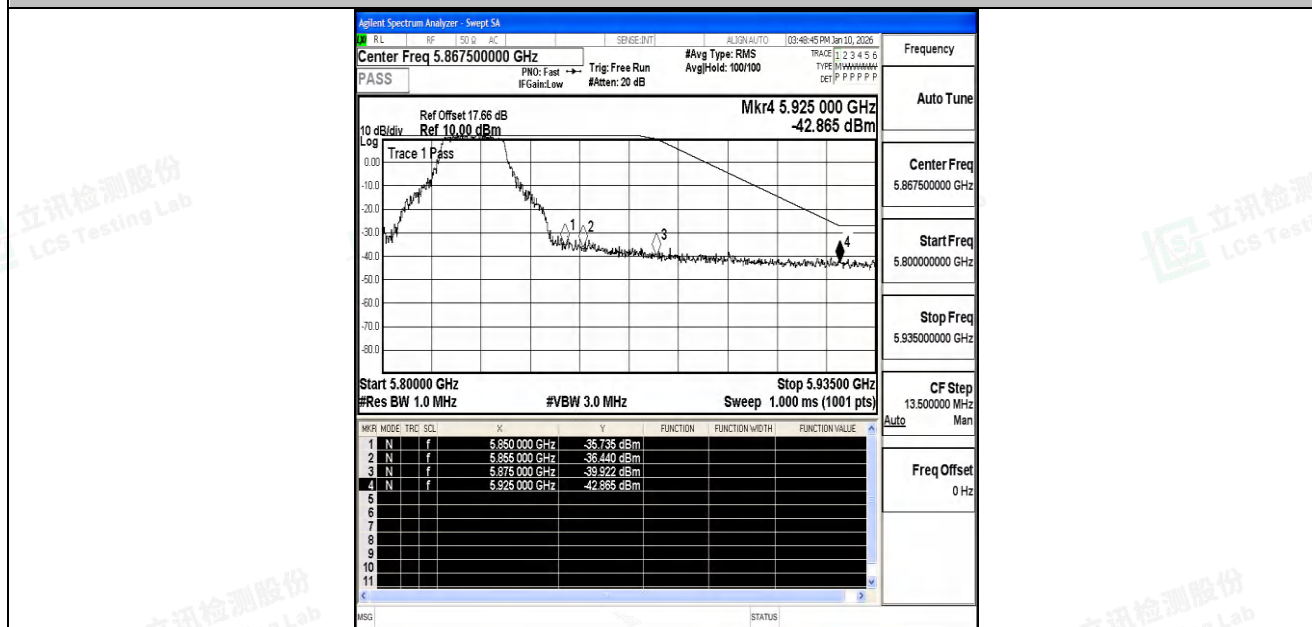
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11AC20SISO-Ant1-5745-PASS



11AC20SISO-Ant1-5825-PASS

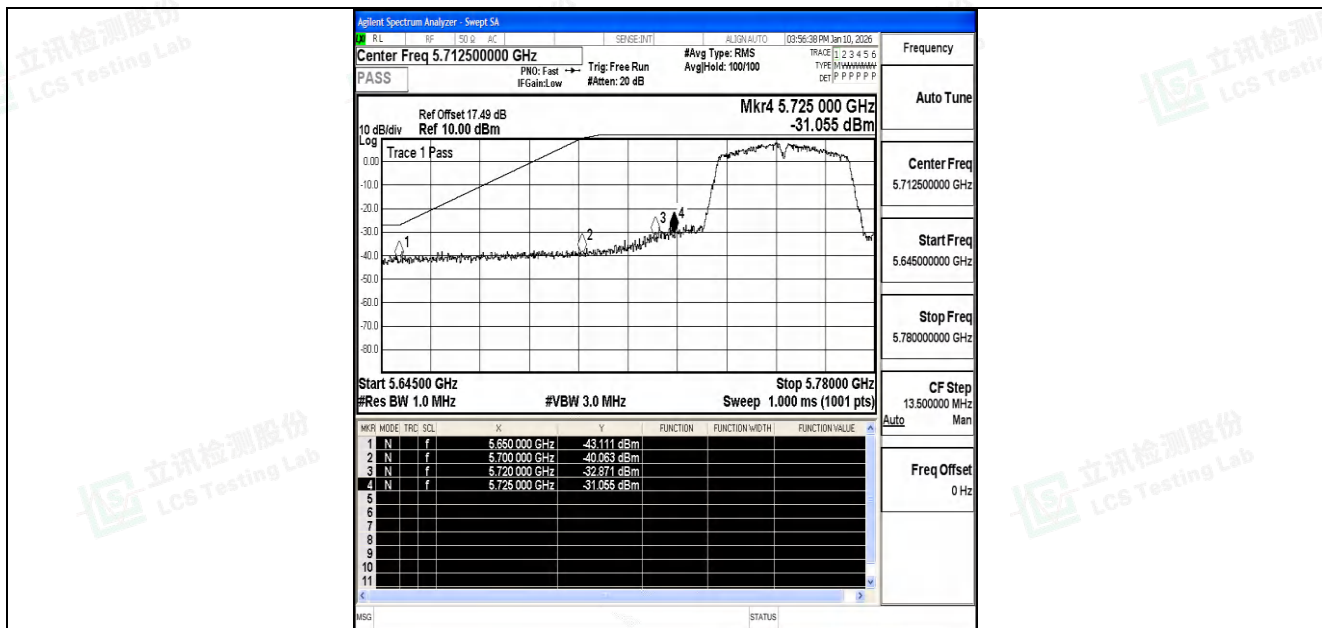


Shenzhen LCS Compliance Testing Laboratory Ltd.

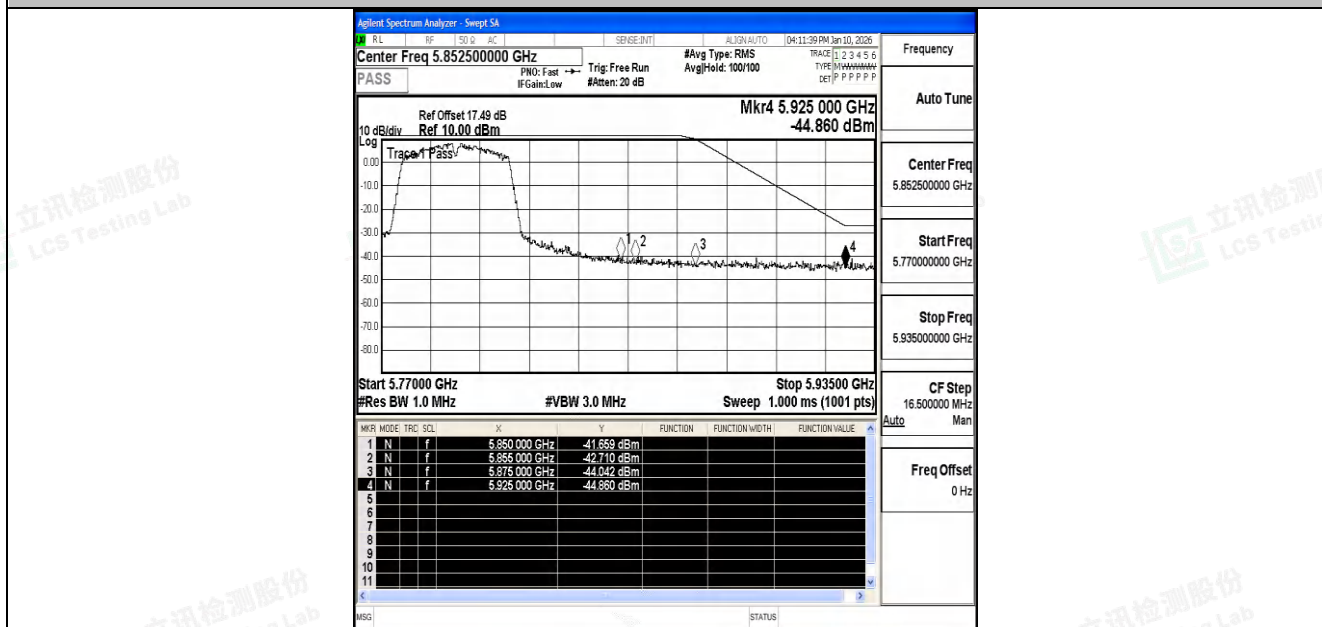
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11AC40SISO-Ant1-5755-PASS



11AC40SISO-Ant1-5795-PASS

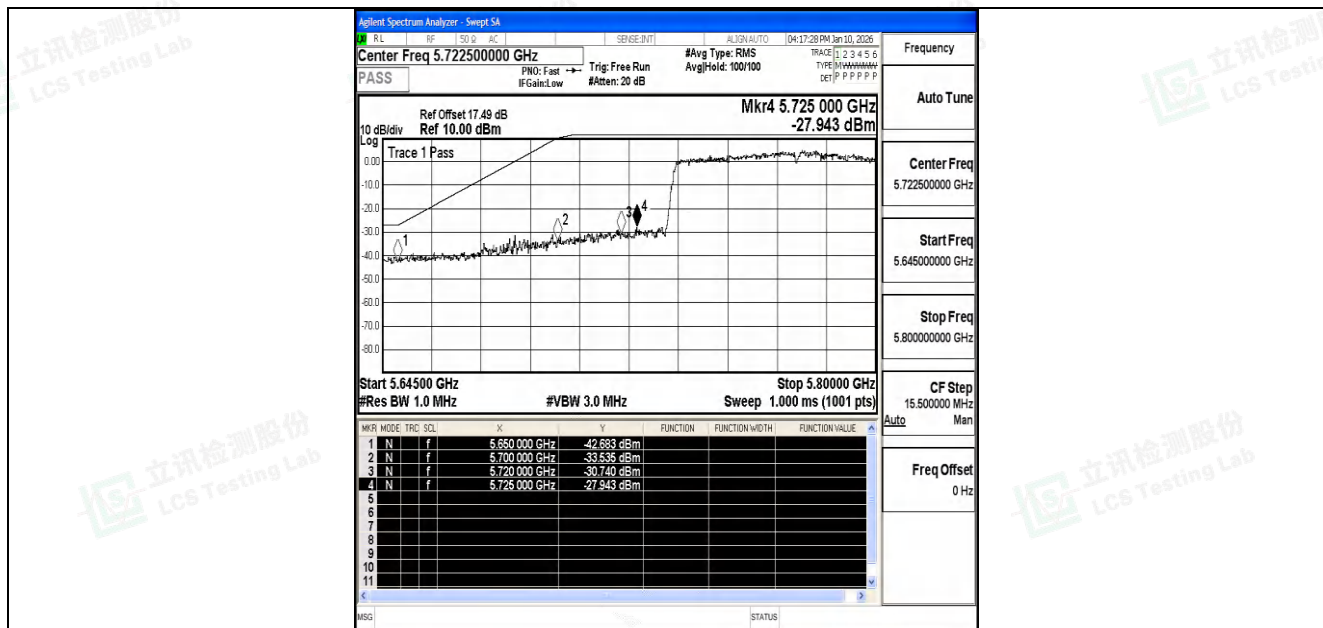


Shenzhen LCS Compliance Testing Laboratory Ltd.

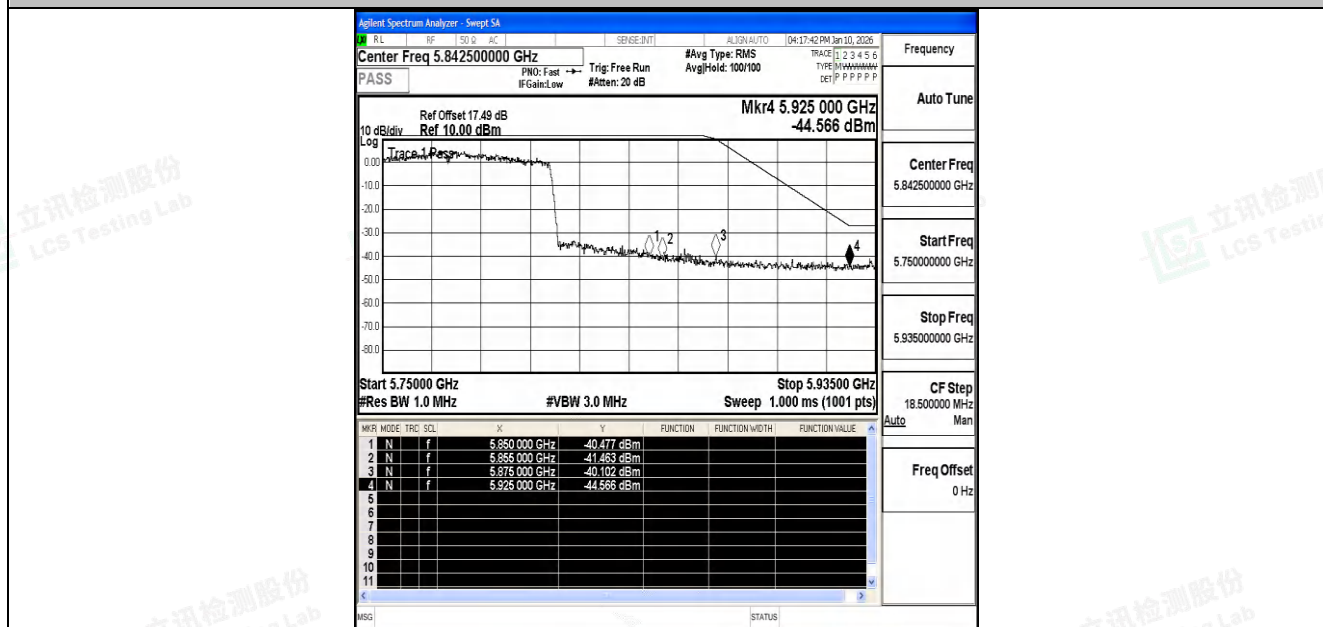
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11AC80SISO-Ant1-5775-PASS



11AC80SISO-Ant1-5775-PASS



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**Test Result**

TestMode	Antenna	ChName	Frequency [MHz]	Detector	Freq [MHz]	Result [dBm]	Limit [dBm]	Verdict
11A	Ant2	Low	5745	Peak	5650.000	-42.432	≤-27.00	PASS
11A	Ant2	Low	5745	Peak	5700.000	-38.56	≤10.00	PASS
11A	Ant2	Low	5745	Peak	5720.000	-36.53	≤15.60	PASS
11A	Ant2	Low	5745	Peak	5725.000	-27.27	≤27.00	PASS
11A	Ant2	High	5825	Peak	5850.000	-35.597	≤27.00	PASS
11A	Ant2	High	5825	Peak	5855.000	-37.21	≤15.60	PASS
11A	Ant2	High	5825	Peak	5875.000	-40.38	≤10.00	PASS
11A	Ant2	High	5825	Peak	5925.000	-42.96	≤-27.00	PASS
11N20SISO	Ant2	Low	5745	Peak	5650.000	-41.061	≤-27.00	PASS
11N20SISO	Ant2	Low	5745	Peak	5700.000	-36.21	≤10.00	PASS
11N20SISO	Ant2	Low	5745	Peak	5720.000	-35.2	≤15.60	PASS
11N20SISO	Ant2	Low	5745	Peak	5725.000	-24.81	≤27.00	PASS
11N20SISO	Ant2	High	5825	Peak	5850.000	-33.189	≤27.00	PASS
11N20SISO	Ant2	High	5825	Peak	5855.000	-35.29	≤15.60	PASS
11N20SISO	Ant2	High	5825	Peak	5875.000	-38.95	≤10.00	PASS
11N20SISO	Ant2	High	5825	Peak	5925.000	-44.33	≤-27.00	PASS
11N40SISO	Ant2	Low	5755	Peak	5650.000	-42.095	≤-27.00	PASS
11N40SISO	Ant2	Low	5755	Peak	5700.000	-34.54	≤10.00	PASS
11N40SISO	Ant2	Low	5755	Peak	5720.000	-34.28	≤15.60	PASS
11N40SISO	Ant2	Low	5755	Peak	5725.000	-27.46	≤27.00	PASS
11N40SISO	Ant2	High	5795	Peak	5850.000	-42.247	≤27.00	PASS
11N40SISO	Ant2	High	5795	Peak	5855.000	-43.02	≤15.60	PASS
11N40SISO	Ant2	High	5795	Peak	5875.000	-41.59	≤10.00	PASS
11N40SISO	Ant2	High	5795	Peak	5925.000	-45.35	≤-27.00	PASS
11AC20SISO	Ant2	Low	5745	Peak	5650.000	-39.935	≤-27.00	PASS
11AC20SISO	Ant2	Low	5745	Peak	5700.000	-36.09	≤10.00	PASS
11AC20SISO	Ant2	Low	5745	Peak	5720.000	-33.23	≤15.60	PASS
11AC20SISO	Ant2	Low	5745	Peak	5725.000	-25.89	≤27.00	PASS
11AC20SISO	Ant2	High	5825	Peak	5850.000	-36.447	≤27.00	PASS
11AC20SISO	Ant2	High	5825	Peak	5855.000	-36.48	≤15.60	PASS
11AC20SISO	Ant2	High	5825	Peak	5875.000	-38.81	≤10.00	PASS
11AC20SISO	Ant2	High	5825	Peak	5925.000	-41.78	≤-27.00	PASS
11AC40SISO	Ant2	Low	5755	Peak	5650.000	-41.219	≤-27.00	PASS
11AC40SISO	Ant2	Low	5755	Peak	5700.000	-39.14	≤10.00	PASS
11AC40SISO	Ant2	Low	5755	Peak	5720.000	-30.95	≤15.60	PASS
11AC40SISO	Ant2	Low	5755	Peak	5725.000	-31.16	≤27.00	PASS
11AC40SISO	Ant2	High	5795	Peak	5850.000	-40.834	≤27.00	PASS



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11AC40SISO	Ant2	High	5795	Peak	5855.000	-41.63	≤15.60	PASS
11AC40SISO	Ant2	High	5795	Peak	5875.000	-42.99	≤10.00	PASS
11AC40SISO	Ant2	High	5795	Peak	5925.000	-43.73	≤-27.00	PASS
11AC80SISO	Ant2	Low	5775	Peak	5650.000	-41.121	≤-27.00	PASS
11AC80SISO	Ant2	Low	5775	Peak	5700.000	-35.72	≤10.00	PASS
11AC80SISO	Ant2	Low	5775	Peak	5720.000	-30.85	≤15.60	PASS
11AC80SISO	Ant2	Low	5775	Peak	5725.000	-31.1	≤27.00	PASS
11AC80SISO	Ant2	High	5775	Peak	5850.000	-41.886	≤27.00	PASS
11AC80SISO	Ant2	High	5775	Peak	5855.000	-41.04	≤15.60	PASS
11AC80SISO	Ant2	High	5775	Peak	5875.000	-41.29	≤10.00	PASS
11AC80SISO	Ant2	High	5775	Peak	5925.000	-44.42	≤-27.00	PASS

Note:

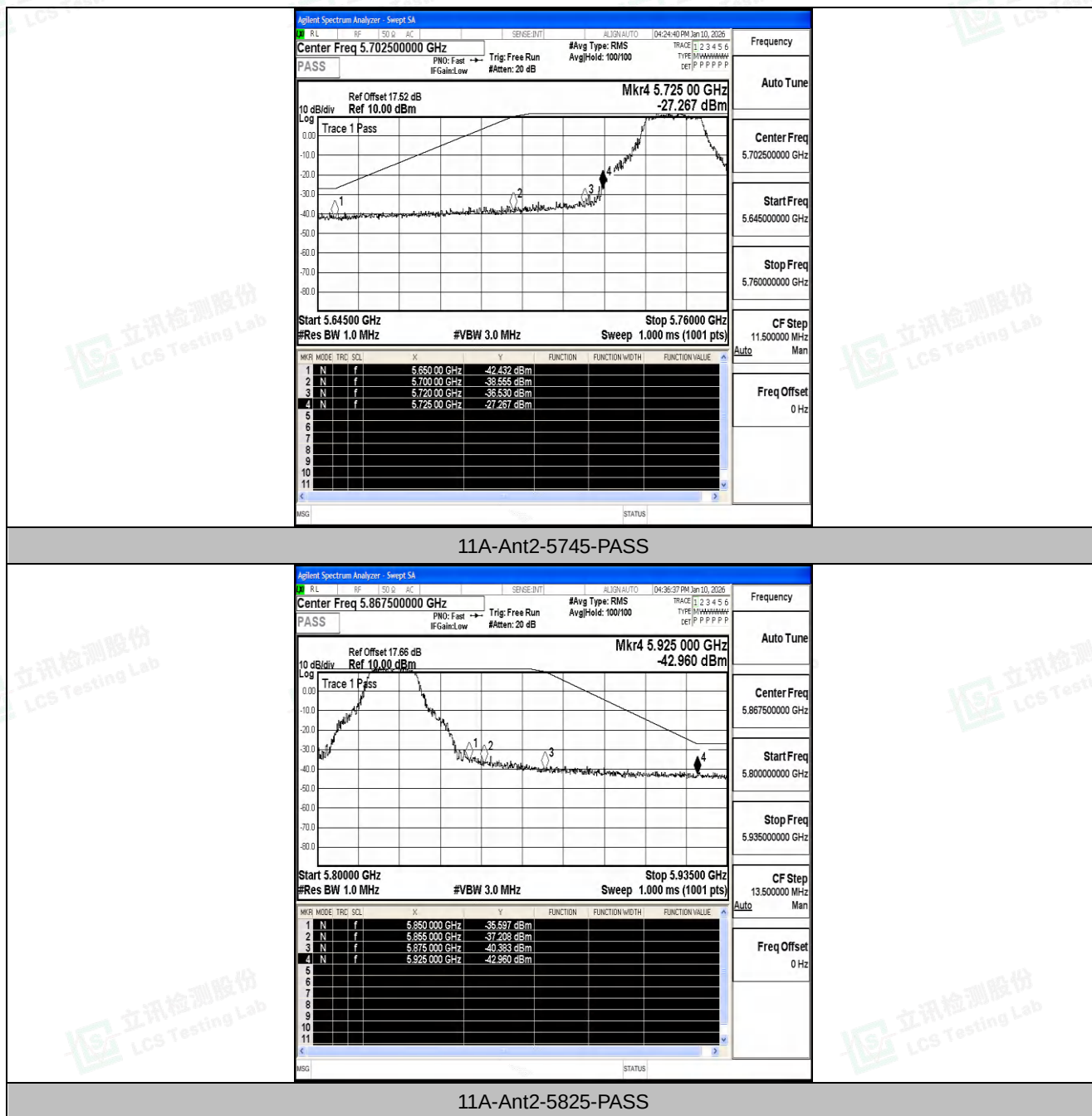
- The Antenna Gain is compensated in the graph.
- For transmitters operating in 5150-5350 GHz band and 5470-5725 GHz band: The limit in dBm for average detector is conversion from 54dBuV/m, according to 15.209(a). The limit in dBm for peak detector is 20dB above the limit of average detector in dBm.



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Test Graphs

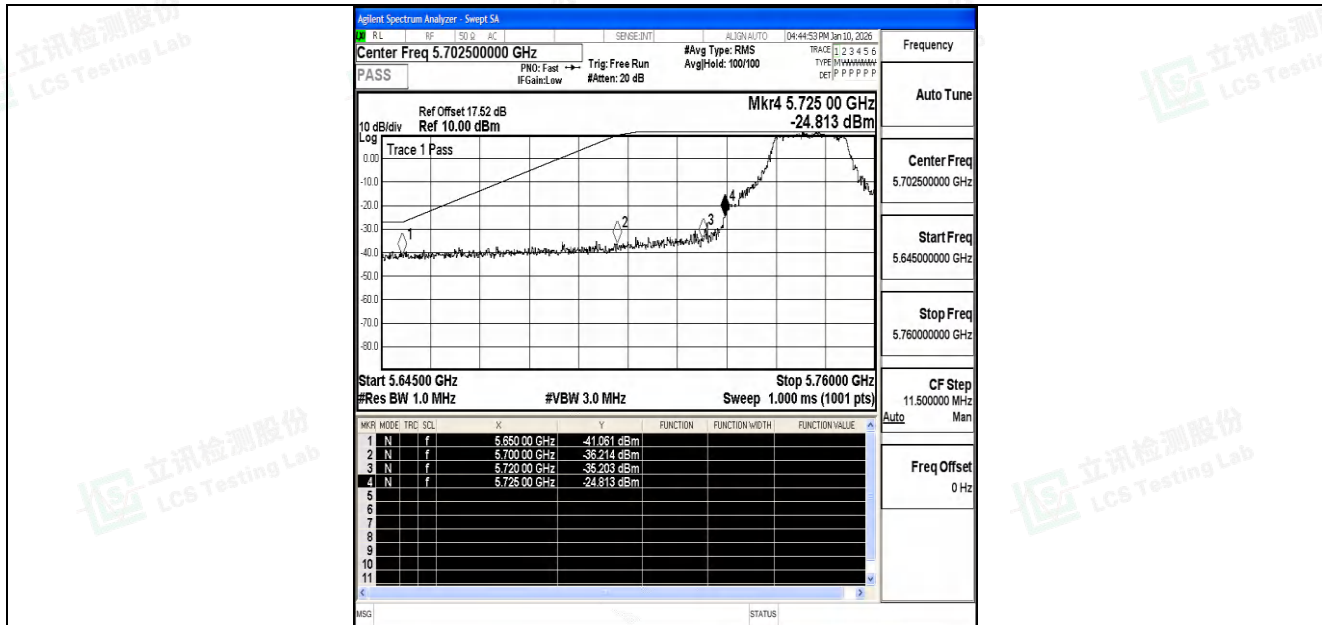


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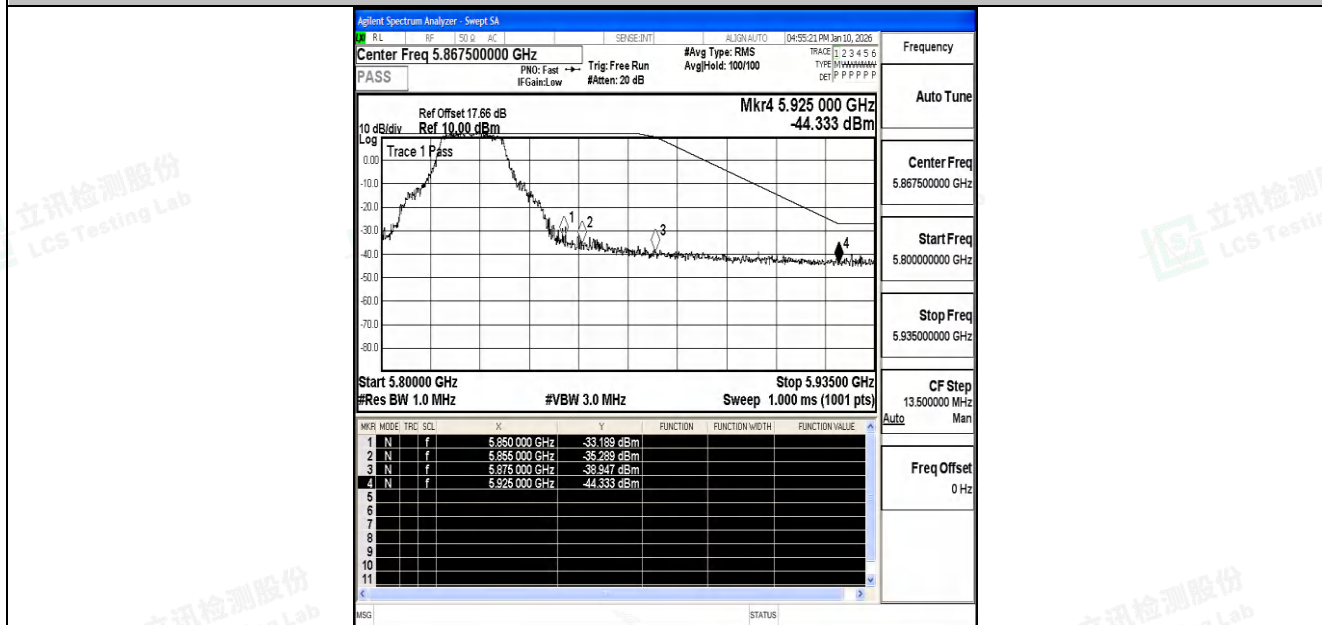
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11N20SISO-Ant2-5745-PASS



11N20SISO-Ant2-5825-PASS

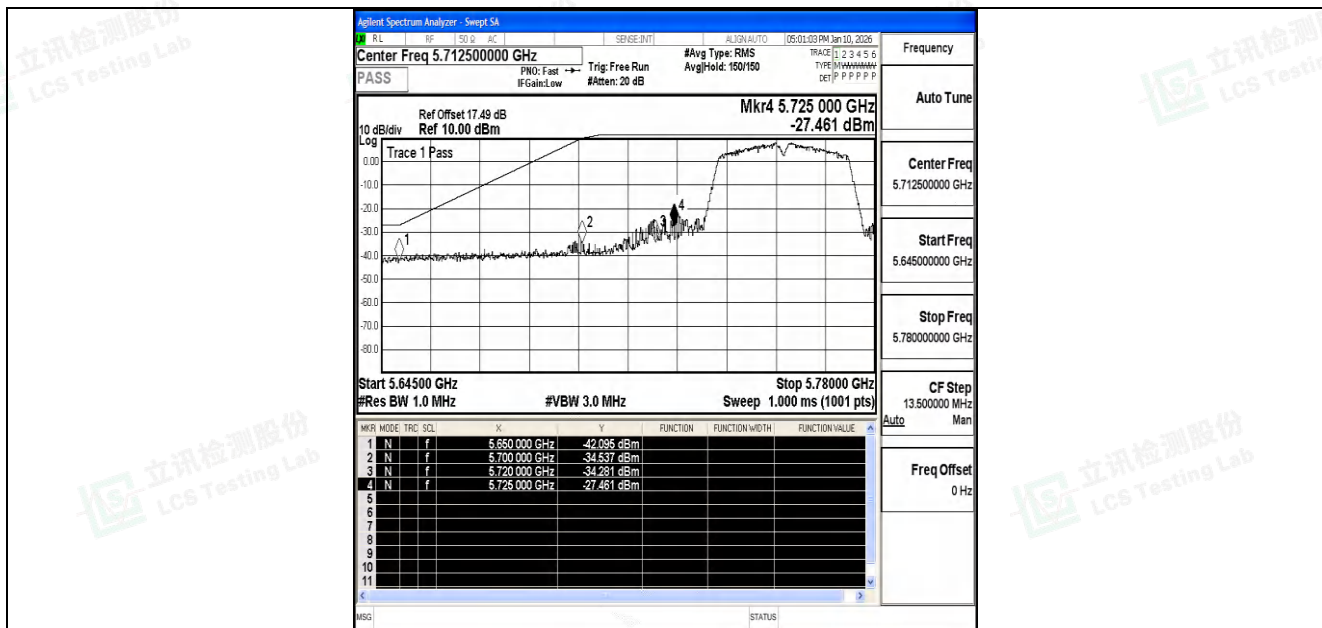


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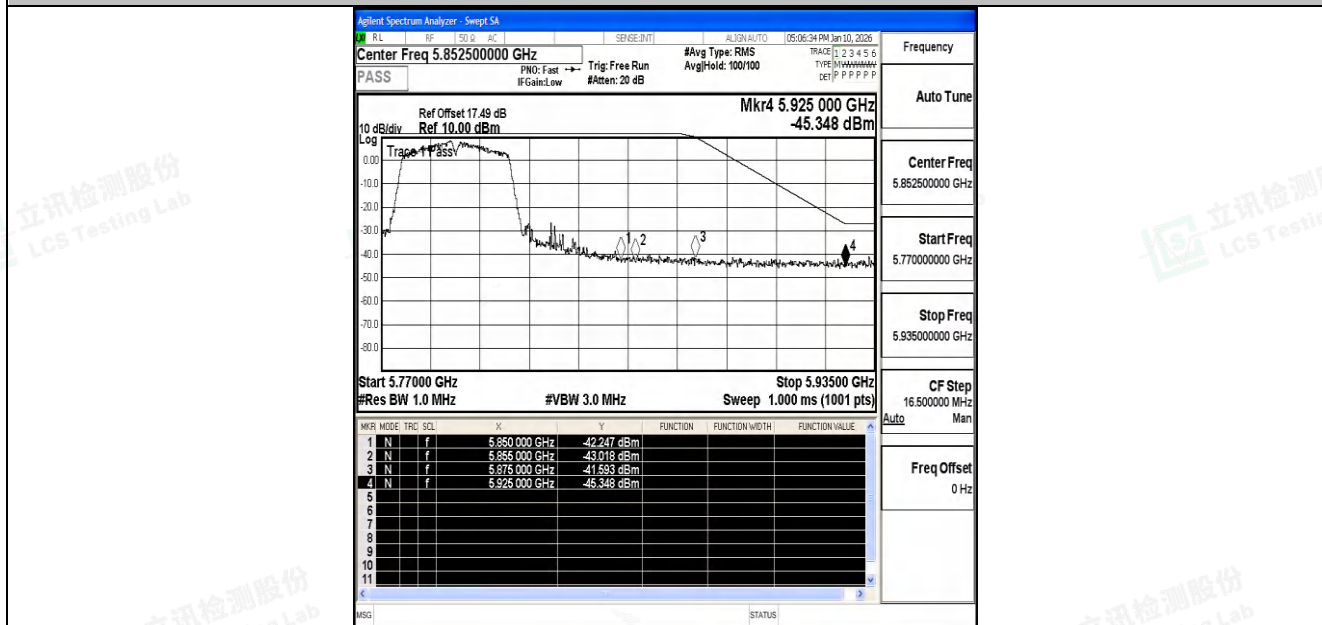
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11N40SISO-Ant2-5755-PASS



11N40SISO-Ant2-5795-PASS

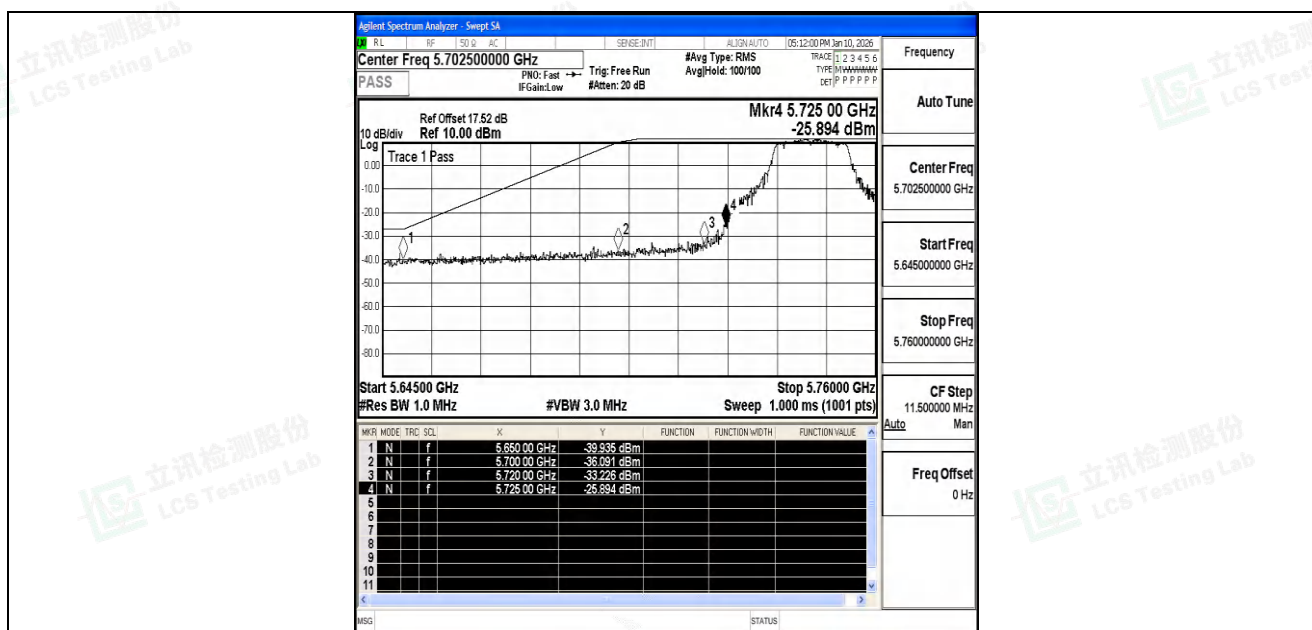


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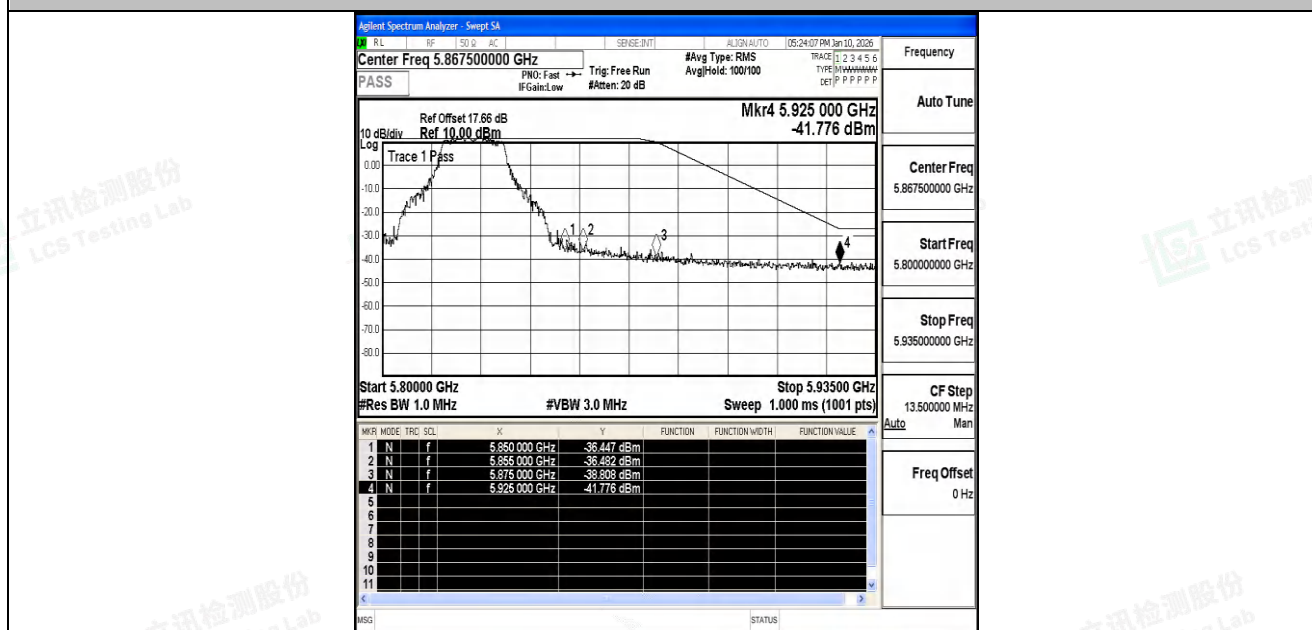
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11AC20SISO-Ant2-5745-PASS



11AC20SISO-Ant2-5825-PASS

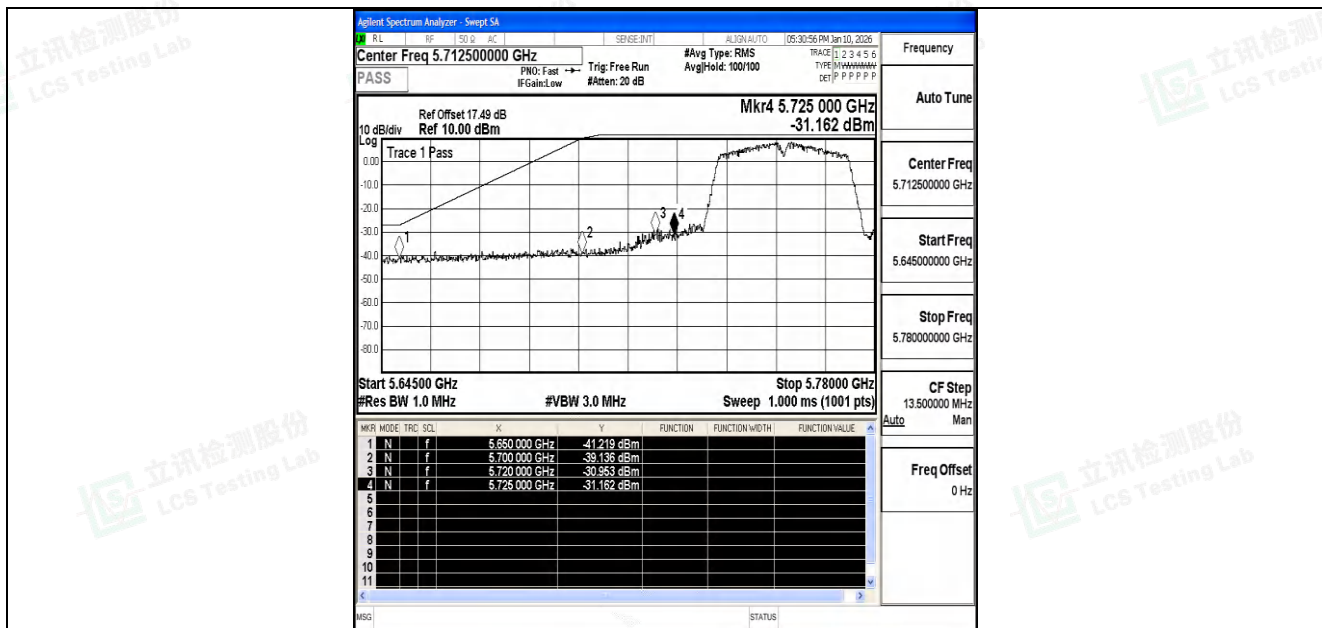


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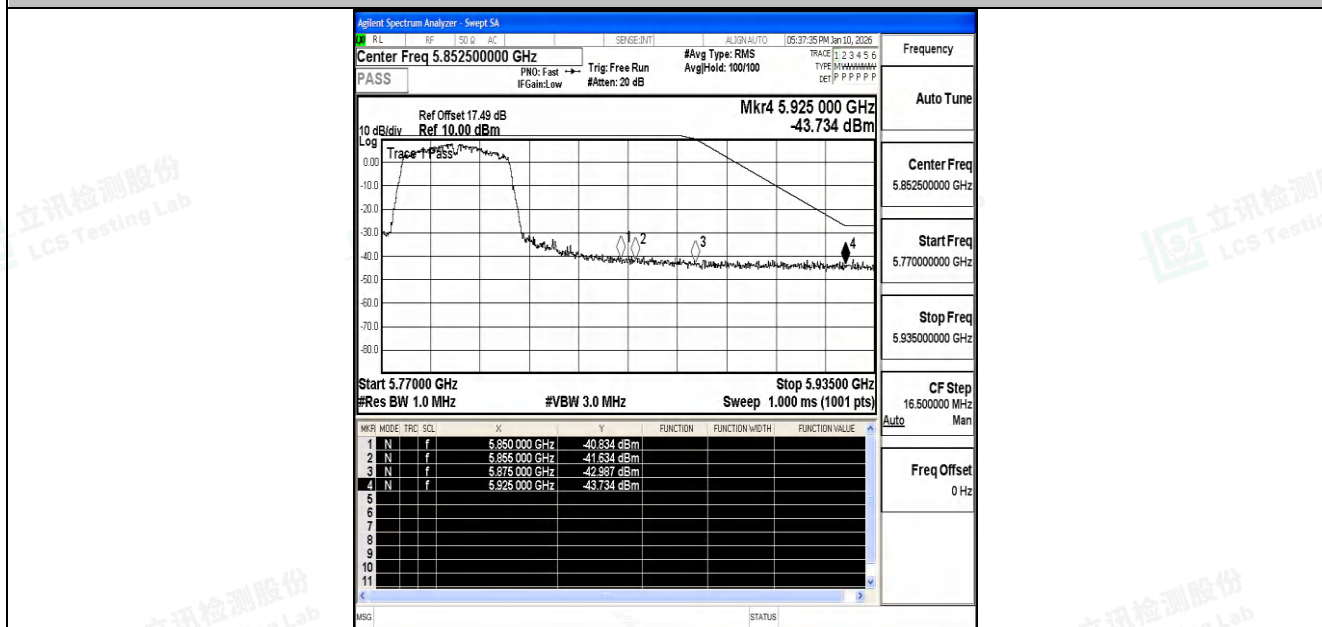
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11AC40SISO-Ant2-5755-PASS



11AC40SISO-Ant2-5795-PASS

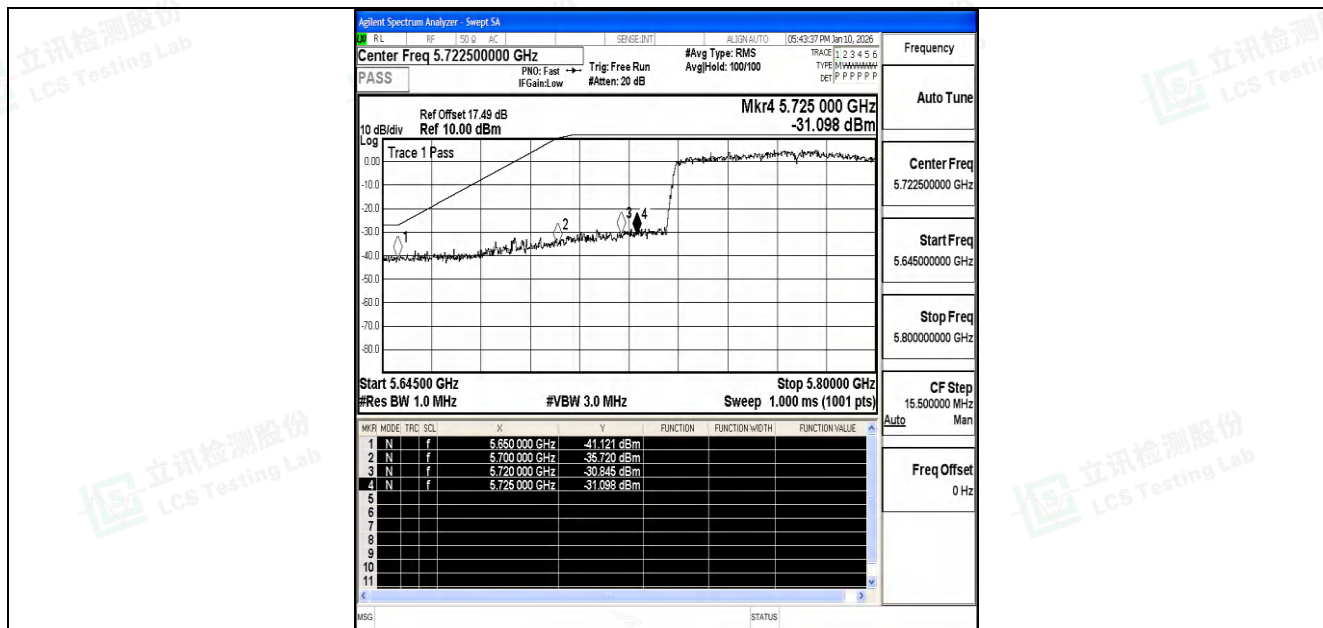


Shenzhen LCS Compliance Testing Laboratory Ltd.

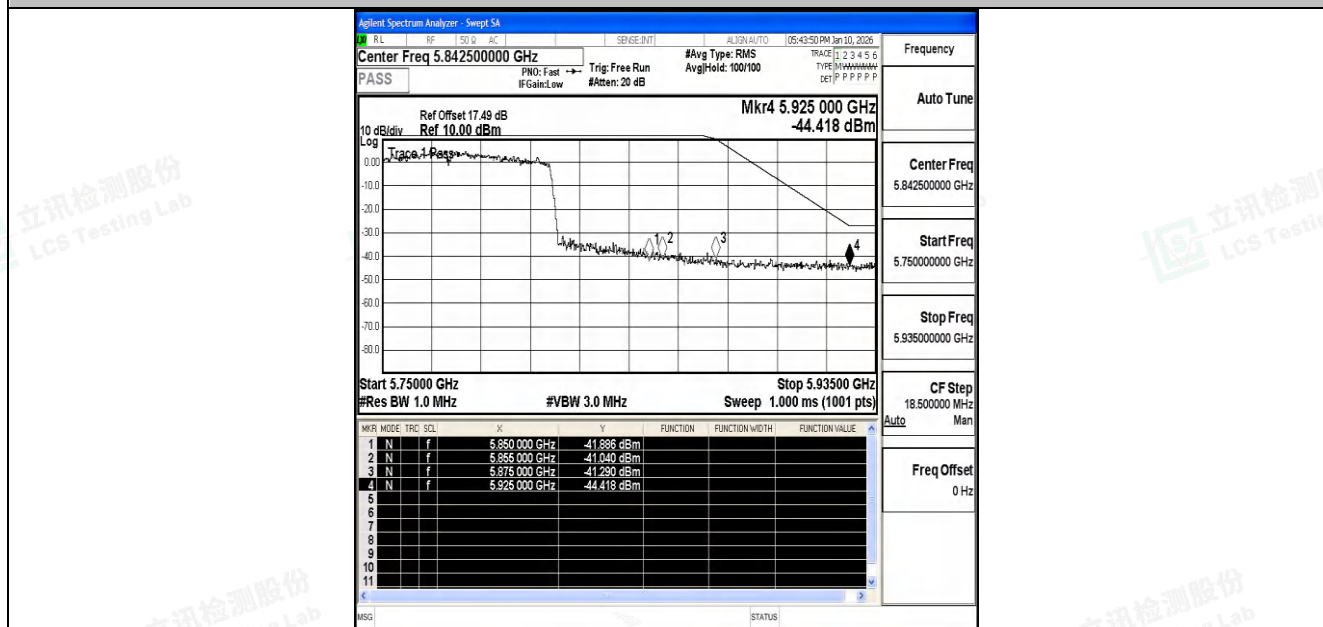
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11AC80SISO-Ant2-5775-PASS



11AC80SISO-Ant2-5775-PASS



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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	11N20SISO	5745	-43.01	-42.26	8.31	-31.30	Peak	≤-27.00	Pass
NVNT	11N20SISO	5745	-39.94	-37.26	8.31	-27.08	Peak	≤10.00	Pass
NVNT	11N20SISO	5745	-35.35	-36.23	8.31	-24.45	Peak	≤15.60	Pass
NVNT	11N20SISO	5745	-25.33	-26.03	8.31	-14.35	Peak	≤27.00	Pass
NVNT	11N20SISO	5825	-37.36	-34.31	8.31	-24.25	Peak	≤27.00	Pass
NVNT	11N20SISO	5825	-36.55	-36.47	8.31	-25.19	Peak	≤15.60	Pass
NVNT	11N20SISO	5825	-41.64	-40.06	8.31	-29.46	Peak	≤10.00	Pass
NVNT	11N20SISO	5825	-44.14	-45.50	8.31	-33.45	Peak	≤-27.00	Pass
NVNT	11N40SISO	5755	-42.94	-43.31	8.31	-31.80	Peak	≤-27.00	Pass
NVNT	11N40SISO	5755	-40.10	-35.74	8.31	-26.07	Peak	≤10.00	Pass
NVNT	11N40SISO	5755	-35.64	-35.50	8.31	-24.25	Peak	≤15.60	Pass
NVNT	11N40SISO	5755	-28.31	-28.60	8.31	-17.13	Peak	≤27.00	Pass
NVNT	11N40SISO	5795	-40.78	-43.28	8.31	-30.53	Peak	≤27.00	Pass
NVNT	11N40SISO	5795	-42.80	-44.25	8.31	-32.14	Peak	≤15.60	Pass
NVNT	11N40SISO	5795	-44.63	-42.63	8.31	-32.20	Peak	≤10.00	Pass
NVNT	11N40SISO	5795	-46.45	-46.49	8.31	-35.15	Peak	≤-27.00	Pass
NVNT	11AC20SISO	5745	-42.58	-41.03	8.31	-30.42	Peak	≤-27.00	Pass
NVNT	11AC20SISO	5745	-41.10	-37.17	8.31	-27.38	Peak	≤10.00	Pass
NVNT	11AC20SISO	5745	-34.32	-34.33	8.31	-23.00	Peak	≤15.60	Pass
NVNT	11AC20SISO	5745	-23.41	-27.04	8.31	-13.54	Peak	≤27.00	Pass
NVNT	11AC20SISO	5825	-36.84	-37.48	8.31	-25.83	Peak	≤27.00	Pass
NVNT	11AC20SISO	5825	-37.65	-37.59	8.31	-26.30	Peak	≤15.60	Pass
NVNT	11AC20SISO	5825	-41.13	-39.97	8.31	-29.19	Peak	≤10.00	Pass
NVNT	11AC20SISO	5825	-44.02	-42.99	8.31	-32.15	Peak	≤-27.00	Pass
NVNT	11AC40SISO	5755	-44.15	-42.28	8.31	-31.79	Peak	≤-27.00	Pass
NVNT	11AC40SISO	5755	-41.19	-40.23	8.31	-29.36	Peak	≤10.00	Pass
NVNT	11AC40SISO	5755	-33.95	-32.08	8.31	-21.59	Peak	≤15.60	Pass
NVNT	11AC40SISO	5755	-32.10	-32.37	8.31	-20.91	Peak	≤27.00	Pass
NVNT	11AC40SISO	5795	-42.80	-41.92	8.31	-31.02	Peak	≤27.00	Pass
NVNT	11AC40SISO	5795	-43.79	-42.78	8.31	-31.94	Peak	≤15.60	Pass
NVNT	11AC40SISO	5795	-45.11	-44.13	8.31	-33.27	Peak	≤10.00	Pass
NVNT	11AC40SISO	5795	-46.02	-44.82	8.31	-34.06	Peak	≤-27.00	Pass
NVNT	11AC80SISO	5775	-43.87	-42.30	8.31	-31.69	Peak	≤-27.00	Pass
NVNT	11AC80SISO	5775	-34.69	-36.92	8.31	-24.34	Peak	≤10.00	Pass
NVNT	11AC80SISO	5775	-31.84	-32.08	8.31	-20.64	Peak	≤15.60	Pass



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NVNT	11AC80SISO	5775	-29.03	-32.30	8.31	-19.04	Peak	≤27.00	Pass
NVNT	11AC80SISO	5775	-41.70	-43.02	8.31	-30.99	Peak	≤27.00	Pass
NVNT	11AC80SISO	5775	-42.55	-42.15	8.31	-31.03	Peak	≤15.60	Pass
NVNT	11AC80SISO	5775	-41.27	-42.49	8.31	-30.52	Peak	≤10.00	Pass
NVNT	11AC80SISO	5775	-45.74	-45.57	8.31	-34.33	Peak	≤-27.00	Pass



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G.5 Frequency Stability

Test Result

TestMode	Antenna	Frequency [MHz]	Voltage [Vdc]	Temperature (°C)	Deviation (Hz)	Deviation (ppm)	Limit (ppm)	Verdict
11A	Ant1	5745	NV	NT	-40000.00	-6.962576	20	PASS
11A	Ant1	5745	LV	NT	-40000.00	-6.962576	20	PASS
11A	Ant1	5745	HV	NT	-40000.00	-6.962576	20	PASS
11A	Ant1	5785	NV	NT	-60000.00	-10.371651	20	PASS
11A	Ant1	5785	LV	NT	-60000.00	-10.371651	20	PASS
11A	Ant1	5785	HV	NT	-60000.00	-10.371651	20	PASS
11A	Ant1	5825	NV	NT	-60000.00	-10.300429	20	PASS
11A	Ant1	5825	LV	NT	-60000.00	-10.300429	20	PASS
11A	Ant1	5825	HV	NT	-60000.00	-10.300429	20	PASS
11N20SISO	Ant1	5745	NV	NT	-60000.00	-10.443864	20	PASS
11N20SISO	Ant1	5745	LV	NT	-60000.00	-10.443864	20	PASS
11N20SISO	Ant1	5745	HV	NT	-80000.00	-13.925152	20	PASS
11N20SISO	Ant1	5785	NV	NT	-80000.00	-13.828868	20	PASS
11N20SISO	Ant1	5785	LV	NT	-80000.00	-13.828868	20	PASS
11N20SISO	Ant1	5785	HV	NT	-80000.00	-13.828868	20	PASS
11N20SISO	Ant1	5825	NV	NT	-80000.00	-13.733906	20	PASS
11N20SISO	Ant1	5825	LV	NT	-80000.00	-13.733906	20	PASS
11N20SISO	Ant1	5825	HV	NT	-80000.00	-13.733906	20	PASS
11N40SISO	Ant1	5755	NV	NT	-40000.00	-6.950478	20	PASS
11N40SISO	Ant1	5755	LV	NT	-80000.00	-13.900956	20	PASS
11N40SISO	Ant1	5755	HV	NT	-40000.00	-6.950478	20	PASS
11N40SISO	Ant1	5795	NV	NT	-80000.00	-13.805004	20	PASS
11N40SISO	Ant1	5795	LV	NT	-40000.00	-6.902502	20	PASS
11N40SISO	Ant1	5795	HV	NT	-80000.00	-13.805004	20	PASS
11AC20SISO	Ant1	5745	NV	NT	-80000.00	-13.925152	20	PASS
11AC20SISO	Ant1	5745	LV	NT	-80000.00	-13.925152	20	PASS
11AC20SISO	Ant1	5745	HV	NT	-60000.00	-10.443864	20	PASS
11AC20SISO	Ant1	5785	NV	NT	-80000.00	-13.828868	20	PASS
11AC20SISO	Ant1	5785	LV	NT	-80000.00	-13.828868	20	PASS
11AC20SISO	Ant1	5785	HV	NT	-80000.00	-13.828868	20	PASS
11AC20SISO	Ant1	5825	NV	NT	-80000.00	-13.733906	20	PASS
11AC20SISO	Ant1	5825	LV	NT	-80000.00	-13.733906	20	PASS
11AC20SISO	Ant1	5825	HV	NT	-80000.00	-13.733906	20	PASS
11AC40SISO	Ant1	5755	NV	NT	-80000.00	-13.900956	20	PASS



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11AC40SISO	Ant1	5755	LV	NT	-40000.00	-6.950478	20	PASS
11AC40SISO	Ant1	5755	HV	NT	-40000.00	-6.950478	20	PASS
11AC40SISO	Ant1	5795	NV	NT	-80000.00	-13.805004	20	PASS
11AC40SISO	Ant1	5795	LV	NT	-40000.00	-6.902502	20	PASS
11AC40SISO	Ant1	5795	HV	NT	-40000.00	-6.902502	20	PASS
11AC80SISO	Ant1	5775	NV	NT	-80000.00	-13.852814	20	PASS
11AC80SISO	Ant1	5775	LV	NT	-80000.00	-13.852814	20	PASS
11AC80SISO	Ant1	5775	HV	NT	-80000.00	-13.852814	20	PASS

TestMode	Antenna	Frequency [MHz]	Voltage [Vdc]	Temperature (°C)	Deviation (Hz)	Deviation (ppm)	Limit (ppm)	Verdict
11A	Ant1	5745	NV	-30	-40000.00	-6.962576	20	PASS
11A	Ant1	5745	NV	-20	-60000.00	-10.443864	20	PASS
11A	Ant1	5745	NV	-10	-40000.00	-6.962576	20	PASS
11A	Ant1	5745	NV	0	-60000.00	-10.443864	20	PASS
11A	Ant1	5745	NV	10	-60000.00	-10.443864	20	PASS
11A	Ant1	5745	NV	20	-40000.00	-6.962576	20	PASS
11A	Ant1	5745	NV	30	-40000.00	-6.962576	20	PASS
11A	Ant1	5745	NV	40	-40000.00	-6.962576	20	PASS
11A	Ant1	5745	NV	50	-60000.00	-10.443864	20	PASS
11A	Ant1	5785	NV	-30	-60000.00	-10.371651	20	PASS
11A	Ant1	5785	NV	-20	-60000.00	-10.371651	20	PASS
11A	Ant1	5785	NV	-10	-60000.00	-10.371651	20	PASS
11A	Ant1	5785	NV	0	-40000.00	-6.914434	20	PASS
11A	Ant1	5785	NV	10	-80000.00	-13.828868	20	PASS
11A	Ant1	5785	NV	20	-60000.00	-10.371651	20	PASS
11A	Ant1	5785	NV	30	-80000.00	-13.828868	20	PASS
11A	Ant1	5785	NV	40	-40000.00	-6.914434	20	PASS
11A	Ant1	5785	NV	50	-60000.00	-10.371651	20	PASS
11A	Ant1	5825	NV	-30	-60000.00	-10.300429	20	PASS
11A	Ant1	5825	NV	-20	-60000.00	-10.300429	20	PASS
11A	Ant1	5825	NV	-10	-60000.00	-10.300429	20	PASS
11A	Ant1	5825	NV	0	-60000.00	-10.300429	20	PASS
11A	Ant1	5825	NV	10	-60000.00	-10.300429	20	PASS
11A	Ant1	5825	NV	20	-60000.00	-10.300429	20	PASS
11A	Ant1	5825	NV	30	-60000.00	-10.300429	20	PASS
11A	Ant1	5825	NV	40	-80000.00	-13.733906	20	PASS
11A	Ant1	5825	NV	50	-60000.00	-10.300429	20	PASS
11N20SISO	Ant1	5745	NV	-30	-80000.00	-13.925152	20	PASS
11N20SISO	Ant1	5745	NV	-20	-80000.00	-13.925152	20	PASS



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11N20SISO	Ant1	5745	NV	0	-80000.00	-13.925152	20	PASS
11N20SISO	Ant1	5745	NV	10	-80000.00	-13.925152	20	PASS
11N20SISO	Ant1	5745	NV	20	-80000.00	-13.925152	20	PASS
11N20SISO	Ant1	5745	NV	30	-60000.00	-10.443864	20	PASS
11N20SISO	Ant1	5745	NV	40	-80000.00	-13.925152	20	PASS
11N20SISO	Ant1	5745	NV	50	-80000.00	-13.925152	20	PASS
11N20SISO	Ant1	5785	NV	-30	-80000.00	-13.828868	20	PASS
11N20SISO	Ant1	5785	NV	-20	-80000.00	-13.828868	20	PASS
11N20SISO	Ant1	5785	NV	-10	-80000.00	-13.828868	20	PASS
11N20SISO	Ant1	5785	NV	0	-80000.00	-13.828868	20	PASS
11N20SISO	Ant1	5785	NV	10	-80000.00	-13.828868	20	PASS
11N20SISO	Ant1	5785	NV	20	-60000.00	-10.371651	20	PASS
11N20SISO	Ant1	5785	NV	30	-60000.00	-10.371651	20	PASS
11N20SISO	Ant1	5785	NV	40	-80000.00	-13.828868	20	PASS
11N20SISO	Ant1	5785	NV	50	-80000.00	-13.828868	20	PASS
11N20SISO	Ant1	5825	NV	-30	-80000.00	-13.733906	20	PASS
11N20SISO	Ant1	5825	NV	-20	-80000.00	-13.733906	20	PASS
11N20SISO	Ant1	5825	NV	-10	-80000.00	-13.733906	20	PASS
11N20SISO	Ant1	5825	NV	0	-80000.00	-13.733906	20	PASS
11N20SISO	Ant1	5825	NV	10	-80000.00	-13.733906	20	PASS
11N20SISO	Ant1	5825	NV	20	-80000.00	-13.733906	20	PASS
11N20SISO	Ant1	5825	NV	30	-80000.00	-13.733906	20	PASS
11N20SISO	Ant1	5825	NV	40	-60000.00	-10.300429	20	PASS
11N20SISO	Ant1	5825	NV	50	-80000.00	-13.733906	20	PASS
11N40SISO	Ant1	5755	NV	-30	-40000.00	-6.950478	20	PASS
11N40SISO	Ant1	5755	NV	-20	-40000.00	-6.950478	20	PASS
11N40SISO	Ant1	5755	NV	-10	-40000.00	-6.950478	20	PASS
11N40SISO	Ant1	5755	NV	0	-40000.00	-6.950478	20	PASS
11N40SISO	Ant1	5755	NV	10	-80000.00	-13.900956	20	PASS
11N40SISO	Ant1	5755	NV	20	-80000.00	-13.900956	20	PASS
11N40SISO	Ant1	5755	NV	30	-80000.00	-13.900956	20	PASS
11N40SISO	Ant1	5755	NV	40	-40000.00	-6.950478	20	PASS
11N40SISO	Ant1	5755	NV	50	-40000.00	-6.950478	20	PASS
11N40SISO	Ant1	5795	NV	-30	-40000.00	-6.902502	20	PASS
11N40SISO	Ant1	5795	NV	-20	-80000.00	-13.805004	20	PASS
11N40SISO	Ant1	5795	NV	-10	-40000.00	-6.902502	20	PASS
11N40SISO	Ant1	5795	NV	0	-80000.00	-13.805004	20	PASS
11N40SISO	Ant1	5795	NV	10	-40000.00	-6.902502	20	PASS
11N40SISO	Ant1	5795	NV	20	-80000.00	-13.805004	20	PASS



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11N40SISO	Ant1	5795	NV	30	80000.00	13.805004	20	PASS
11N40SISO	Ant1	5795	NV	40	-80000.00	-13.805004	20	PASS
11N40SISO	Ant1	5795	NV	50	-80000.00	-13.805004	20	PASS
11AC20SISO	Ant1	5745	NV	-30	-80000.00	-13.925152	20	PASS
11AC20SISO	Ant1	5745	NV	-20	-80000.00	-13.925152	20	PASS
11AC20SISO	Ant1	5745	NV	-10	-80000.00	-13.925152	20	PASS
11AC20SISO	Ant1	5745	NV	0	-80000.00	-13.925152	20	PASS
11AC20SISO	Ant1	5745	NV	10	-80000.00	-13.925152	20	PASS
11AC20SISO	Ant1	5745	NV	20	-80000.00	-13.925152	20	PASS
11AC20SISO	Ant1	5745	NV	30	-80000.00	-13.925152	20	PASS
11AC20SISO	Ant1	5745	NV	40	-80000.00	-13.925152	20	PASS
11AC20SISO	Ant1	5745	NV	50	-80000.00	-13.925152	20	PASS
11AC20SISO	Ant1	5785	NV	-30	-80000.00	-13.828868	20	PASS
11AC20SISO	Ant1	5785	NV	-20	-80000.00	-13.828868	20	PASS
11AC20SISO	Ant1	5785	NV	-10	-80000.00	-13.828868	20	PASS
11AC20SISO	Ant1	5785	NV	0	-80000.00	-13.828868	20	PASS
11AC20SISO	Ant1	5785	NV	10	-80000.00	-13.828868	20	PASS
11AC20SISO	Ant1	5785	NV	20	-80000.00	-13.828868	20	PASS
11AC20SISO	Ant1	5785	NV	30	-80000.00	-13.828868	20	PASS
11AC20SISO	Ant1	5785	NV	40	-80000.00	-13.828868	20	PASS
11AC20SISO	Ant1	5785	NV	50	-60000.00	-10.371651	20	PASS
11AC20SISO	Ant1	5825	NV	-30	-80000.00	-13.733906	20	PASS
11AC20SISO	Ant1	5825	NV	-20	-80000.00	-13.733906	20	PASS
11AC20SISO	Ant1	5825	NV	-10	-80000.00	-13.733906	20	PASS
11AC20SISO	Ant1	5825	NV	0	-80000.00	-13.733906	20	PASS
11AC20SISO	Ant1	5825	NV	10	-80000.00	-13.733906	20	PASS
11AC20SISO	Ant1	5825	NV	20	-80000.00	-13.733906	20	PASS
11AC20SISO	Ant1	5825	NV	30	-100000.00	-17.167382	20	PASS
11AC20SISO	Ant1	5825	NV	40	-80000.00	-13.733906	20	PASS
11AC20SISO	Ant1	5825	NV	50	-80000.00	-13.733906	20	PASS
11AC40SISO	Ant1	5755	NV	-30	-40000.00	-6.950478	20	PASS
11AC40SISO	Ant1	5755	NV	-20	-40000.00	-6.950478	20	PASS
11AC40SISO	Ant1	5755	NV	-10	-40000.00	-6.950478	20	PASS
11AC40SISO	Ant1	5755	NV	0	-80000.00	-13.900956	20	PASS
11AC40SISO	Ant1	5755	NV	10	-40000.00	-6.950478	20	PASS
11AC40SISO	Ant1	5755	NV	20	-40000.00	-6.950478	20	PASS
11AC40SISO	Ant1	5755	NV	30	-80000.00	-13.900956	20	PASS
11AC40SISO	Ant1	5755	NV	40	-80000.00	-13.900956	20	PASS
11AC40SISO	Ant1	5755	NV	50	-80000.00	-13.900956	20	PASS
11AC40SISO	Ant1	5795	NV	-30	-40000.00	-6.902502	20	PASS



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11AC40SISO	Ant1	5795	NV	-20	-40000.00	-6.902502	20	PASS
11AC40SISO	Ant1	5795	NV	-10	-40000.00	-6.902502	20	PASS
11AC40SISO	Ant1	5795	NV	0	-40000.00	-6.902502	20	PASS
11AC40SISO	Ant1	5795	NV	10	-40000.00	-6.902502	20	PASS
11AC40SISO	Ant1	5795	NV	20	-80000.00	-13.805004	20	PASS
11AC40SISO	Ant1	5795	NV	30	-40000.00	-6.902502	20	PASS
11AC40SISO	Ant1	5795	NV	40	-40000.00	-6.902502	20	PASS
11AC40SISO	Ant1	5795	NV	50	-40000.00	-6.902502	20	PASS
11AC80SISO	Ant1	5775	NV	-30	-80000.00	-13.852814	20	PASS
11AC80SISO	Ant1	5775	NV	-20	-80000.00	-13.852814	20	PASS
11AC80SISO	Ant1	5775	NV	-10	-80000.00	-13.852814	20	PASS
11AC80SISO	Ant1	5775	NV	0	-80000.00	-13.852814	20	PASS
11AC80SISO	Ant1	5775	NV	10	-80000.00	-13.852814	20	PASS
11AC80SISO	Ant1	5775	NV	20	-80000.00	-13.852814	20	PASS
11AC80SISO	Ant1	5775	NV	30	-80000.00	-13.852814	20	PASS
11AC80SISO	Ant1	5775	NV	40	-80000.00	-13.852814	20	PASS
11AC80SISO	Ant1	5775	NV	50	-80000.00	-13.852814	20	PASS



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**Test Result**

TestMode	Antenna	Frequency [MHz]	Voltage [Vdc]	Temperature (°C)	Deviation (Hz)	Deviation (ppm)	Limit (ppm)	Verdict
11A	Ant2	5745	NV	NT	-60000.00	-10.443864	20	PASS
11A	Ant2	5745	LV	NT	-60000.00	-10.443864	20	PASS
11A	Ant2	5745	HV	NT	-80000.00	-13.925152	20	PASS
11A	Ant2	5785	NV	NT	-60000.00	-10.371651	20	PASS
11A	Ant2	5785	LV	NT	-60000.00	-10.371651	20	PASS
11A	Ant2	5785	HV	NT	-60000.00	-10.371651	20	PASS
11A	Ant2	5825	NV	NT	-60000.00	-10.300429	20	PASS
11A	Ant2	5825	LV	NT	-60000.00	-10.300429	20	PASS
11A	Ant2	5825	HV	NT	-80000.00	-13.733906	20	PASS
11N20SISO	Ant2	5745	NV	NT	-80000.00	-13.925152	20	PASS
11N20SISO	Ant2	5745	LV	NT	-80000.00	-13.925152	20	PASS
11N20SISO	Ant2	5745	HV	NT	-60000.00	-10.443864	20	PASS
11N20SISO	Ant2	5785	NV	NT	-80000.00	-13.828868	20	PASS
11N20SISO	Ant2	5785	LV	NT	-80000.00	-13.828868	20	PASS
11N20SISO	Ant2	5785	HV	NT	-80000.00	-13.828868	20	PASS
11N20SISO	Ant2	5825	NV	NT	-80000.00	-13.733906	20	PASS
11N20SISO	Ant2	5825	LV	NT	-80000.00	-13.733906	20	PASS
11N20SISO	Ant2	5825	HV	NT	-80000.00	-13.733906	20	PASS
11N40SISO	Ant2	5755	NV	NT	-80000.00	-13.900956	20	PASS
11N40SISO	Ant2	5755	LV	NT	-40000.00	-6.950478	20	PASS
11N40SISO	Ant2	5755	HV	NT	-80000.00	-13.900956	20	PASS
11N40SISO	Ant2	5795	NV	NT	-40000.00	-6.902502	20	PASS
11N40SISO	Ant2	5795	LV	NT	-40000.00	-6.902502	20	PASS
11N40SISO	Ant2	5795	HV	NT	-40000.00	-6.902502	20	PASS
11AC20SISO	Ant2	5745	NV	NT	-80000.00	-13.925152	20	PASS
11AC20SISO	Ant2	5745	LV	NT	-80000.00	-13.925152	20	PASS
11AC20SISO	Ant2	5745	HV	NT	-80000.00	-13.925152	20	PASS
11AC20SISO	Ant2	5785	NV	NT	-80000.00	-13.828868	20	PASS
11AC20SISO	Ant2	5785	LV	NT	-80000.00	-13.828868	20	PASS
11AC20SISO	Ant2	5785	HV	NT	-80000.00	-13.828868	20	PASS
11AC20SISO	Ant2	5825	NV	NT	-80000.00	-13.733906	20	PASS
11AC20SISO	Ant2	5825	LV	NT	-80000.00	-13.733906	20	PASS
11AC20SISO	Ant2	5825	HV	NT	-80000.00	-13.733906	20	PASS
11AC40SISO	Ant2	5755	NV	NT	-40000.00	-6.950478	20	PASS
11AC40SISO	Ant2	5755	LV	NT	-80000.00	-13.900956	20	PASS
11AC40SISO	Ant2	5755	HV	NT	-80000.00	-13.900956	20	PASS
11AC40SISO	Ant2	5795	NV	NT	-80000.00	-13.805004	20	PASS



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11AC40SISO	Ant2	5795	LV	NT	-40000.00	-6.902502	20	PASS
11AC40SISO	Ant2	5795	HV	NT	-40000.00	-6.902502	20	PASS
11AC80SISO	Ant2	5775	NV	NT	-80000.00	-13.852814	20	PASS
11AC80SISO	Ant2	5775	LV	NT	-80000.00	-13.852814	20	PASS
11AC80SISO	Ant2	5775	HV	NT	-80000.00	-13.852814	20	PASS

TestMode	Antenna	Frequenc y[MHz]	Voltage [Vdc]	Tempera ture (°C)	Deviation (Hz)	Deviation (ppm)	Limit (ppm)	Verdict
11A	Ant2	5745	NV	-30	-80000.00	-13.925152	20	PASS
11A	Ant2	5745	NV	-20	-60000.00	-10.443864	20	PASS
11A	Ant2	5745	NV	-10	-60000.00	-10.443864	20	PASS
11A	Ant2	5745	NV	0	-80000.00	-13.925152	20	PASS
11A	Ant2	5745	NV	10	-60000.00	-10.443864	20	PASS
11A	Ant2	5745	NV	20	-60000.00	-10.443864	20	PASS
11A	Ant2	5745	NV	30	-60000.00	-10.443864	20	PASS
11A	Ant2	5745	NV	40	-60000.00	-10.443864	20	PASS
11A	Ant2	5745	NV	50	-60000.00	-10.443864	20	PASS
11A	Ant2	5785	NV	-30	-80000.00	-13.828868	20	PASS
11A	Ant2	5785	NV	-20	-60000.00	-10.371651	20	PASS
11A	Ant2	5785	NV	-10	-60000.00	-10.371651	20	PASS
11A	Ant2	5785	NV	0	-60000.00	-10.371651	20	PASS
11A	Ant2	5785	NV	10	-60000.00	-10.371651	20	PASS
11A	Ant2	5785	NV	20	-60000.00	-10.371651	20	PASS
11A	Ant2	5785	NV	30	-60000.00	-10.371651	20	PASS
11A	Ant2	5785	NV	40	-60000.00	-10.371651	20	PASS
11A	Ant2	5785	NV	50	-60000.00	-10.371651	20	PASS
11A	Ant2	5825	NV	-30	-60000.00	-10.300429	20	PASS
11A	Ant2	5825	NV	-20	-80000.00	-13.733906	20	PASS
11A	Ant2	5825	NV	-10	-80000.00	-13.733906	20	PASS
11A	Ant2	5825	NV	0	-60000.00	-10.300429	20	PASS
11A	Ant2	5825	NV	10	-80000.00	-13.733906	20	PASS
11A	Ant2	5825	NV	20	-60000.00	-10.300429	20	PASS
11A	Ant2	5825	NV	30	-60000.00	-10.300429	20	PASS
11A	Ant2	5825	NV	40	-80000.00	-13.733906	20	PASS
11A	Ant2	5825	NV	50	-60000.00	-10.300429	20	PASS
11N20SISO	Ant2	5745	NV	-30	-80000.00	-13.925152	20	PASS
11N20SISO	Ant2	5745	NV	-20	-80000.00	-13.925152	20	PASS
11N20SISO	Ant2	5745	NV	-10	-60000.00	-10.443864	20	PASS
11N20SISO	Ant2	5745	NV	0	-80000.00	-13.925152	20	PASS
11N20SISO	Ant2	5745	NV	10	-80000.00	-13.925152	20	PASS



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11N20SISO	Ant2	5745	NV	20	-60000.00	-10.443864	20	PASS
11N20SISO	Ant2	5745	NV	30	-80000.00	-13.925152	20	PASS
11N20SISO	Ant2	5745	NV	40	-60000.00	-10.443864	20	PASS
11N20SISO	Ant2	5745	NV	50	-80000.00	-13.925152	20	PASS
11N20SISO	Ant2	5785	NV	-30	-80000.00	-13.828868	20	PASS
11N20SISO	Ant2	5785	NV	-20	-80000.00	-13.828868	20	PASS
11N20SISO	Ant2	5785	NV	-10	-80000.00	-13.828868	20	PASS
11N20SISO	Ant2	5785	NV	0	-80000.00	-13.828868	20	PASS
11N20SISO	Ant2	5785	NV	10	-80000.00	-13.828868	20	PASS
11N20SISO	Ant2	5785	NV	20	-60000.00	-10.371651	20	PASS
11N20SISO	Ant2	5785	NV	30	-80000.00	-13.828868	20	PASS
11N20SISO	Ant2	5785	NV	40	-80000.00	-13.828868	20	PASS
11N20SISO	Ant2	5785	NV	50	-60000.00	-10.371651	20	PASS
11N20SISO	Ant2	5825	NV	-30	-80000.00	-13.733906	20	PASS
11N20SISO	Ant2	5825	NV	-20	-80000.00	-13.733906	20	PASS
11N20SISO	Ant2	5825	NV	-10	-80000.00	-13.733906	20	PASS
11N20SISO	Ant2	5825	NV	0	-80000.00	-13.733906	20	PASS
11N20SISO	Ant2	5825	NV	10	-80000.00	-13.733906	20	PASS
11N20SISO	Ant2	5825	NV	20	-80000.00	-13.733906	20	PASS
11N20SISO	Ant2	5825	NV	30	-80000.00	-13.733906	20	PASS
11N20SISO	Ant2	5825	NV	40	-80000.00	-13.733906	20	PASS
11N20SISO	Ant2	5825	NV	50	-80000.00	-13.733906	20	PASS
11N40SISO	Ant2	5755	NV	-30	-40000.00	-6.950478	20	PASS
11N40SISO	Ant2	5755	NV	-20	-40000.00	-6.950478	20	PASS
11N40SISO	Ant2	5755	NV	-10	-80000.00	-13.900956	20	PASS
11N40SISO	Ant2	5755	NV	0	-40000.00	-6.950478	20	PASS
11N40SISO	Ant2	5755	NV	10	-40000.00	-6.950478	20	PASS
11N40SISO	Ant2	5755	NV	20	-80000.00	-13.900956	20	PASS
11N40SISO	Ant2	5755	NV	30	-80000.00	-13.900956	20	PASS
11N40SISO	Ant2	5755	NV	40	-80000.00	-13.900956	20	PASS
11N40SISO	Ant2	5755	NV	50	80000.00	13.900956	20	PASS
11N40SISO	Ant2	5795	NV	-30	-40000.00	-6.902502	20	PASS
11N40SISO	Ant2	5795	NV	-20	-40000.00	-6.902502	20	PASS
11N40SISO	Ant2	5795	NV	-10	-40000.00	-6.902502	20	PASS
11N40SISO	Ant2	5795	NV	0	-40000.00	-6.902502	20	PASS
11N40SISO	Ant2	5795	NV	10	-40000.00	-6.902502	20	PASS
11N40SISO	Ant2	5795	NV	20	-80000.00	-13.805004	20	PASS
11N40SISO	Ant2	5795	NV	30	-40000.00	-6.902502	20	PASS
11N40SISO	Ant2	5795	NV	40	-40000.00	-6.902502	20	PASS
11N40SISO	Ant2	5795	NV	50	-40000.00	-6.902502	20	PASS



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11AC20SISO	Ant2	5745	NV	-30	-80000.00	-13.925152	20	PASS
11AC20SISO	Ant2	5745	NV	-20	-80000.00	-13.925152	20	PASS
11AC20SISO	Ant2	5745	NV	-10	-80000.00	-13.925152	20	PASS
11AC20SISO	Ant2	5745	NV	0	-80000.00	-13.925152	20	PASS
11AC20SISO	Ant2	5745	NV	10	-80000.00	-13.925152	20	PASS
11AC20SISO	Ant2	5745	NV	20	-80000.00	-13.925152	20	PASS
11AC20SISO	Ant2	5745	NV	30	-80000.00	-13.925152	20	PASS
11AC20SISO	Ant2	5745	NV	40	-80000.00	-13.925152	20	PASS
11AC20SISO	Ant2	5745	NV	50	-80000.00	-13.925152	20	PASS
11AC20SISO	Ant2	5785	NV	-30	-80000.00	-13.828868	20	PASS
11AC20SISO	Ant2	5785	NV	-20	-80000.00	-13.828868	20	PASS
11AC20SISO	Ant2	5785	NV	-10	-60000.00	-10.371651	20	PASS
11AC20SISO	Ant2	5785	NV	0	-80000.00	-13.828868	20	PASS
11AC20SISO	Ant2	5785	NV	10	-80000.00	-13.828868	20	PASS
11AC20SISO	Ant2	5785	NV	20	-60000.00	-10.371651	20	PASS
11AC20SISO	Ant2	5785	NV	30	-80000.00	-13.828868	20	PASS
11AC20SISO	Ant2	5785	NV	40	-60000.00	-10.371651	20	PASS
11AC20SISO	Ant2	5785	NV	50	-80000.00	-13.828868	20	PASS
11AC20SISO	Ant2	5825	NV	-30	-80000.00	-13.733906	20	PASS
11AC20SISO	Ant2	5825	NV	-20	-80000.00	-13.733906	20	PASS
11AC20SISO	Ant2	5825	NV	-10	-100000.00	-17.167382	20	PASS
11AC20SISO	Ant2	5825	NV	0	-80000.00	-13.733906	20	PASS
11AC20SISO	Ant2	5825	NV	10	-100000.00	-17.167382	20	PASS
11AC20SISO	Ant2	5825	NV	20	-80000.00	-13.733906	20	PASS
11AC20SISO	Ant2	5825	NV	30	-80000.00	-13.733906	20	PASS
11AC20SISO	Ant2	5825	NV	40	-100000.00	-17.167382	20	PASS
11AC20SISO	Ant2	5825	NV	50	-80000.00	-13.733906	20	PASS
11AC40SISO	Ant2	5755	NV	-30	-40000.00	-6.950478	20	PASS
11AC40SISO	Ant2	5755	NV	-20	-40000.00	-6.950478	20	PASS
11AC40SISO	Ant2	5755	NV	-10	-40000.00	-6.950478	20	PASS
11AC40SISO	Ant2	5755	NV	0	-40000.00	-6.950478	20	PASS
11AC40SISO	Ant2	5755	NV	10	-80000.00	-13.900956	20	PASS
11AC40SISO	Ant2	5755	NV	20	-80000.00	-13.900956	20	PASS
11AC40SISO	Ant2	5755	NV	30	-40000.00	-6.950478	20	PASS
11AC40SISO	Ant2	5755	NV	40	-80000.00	-13.900956	20	PASS
11AC40SISO	Ant2	5755	NV	50	-40000.00	-6.950478	20	PASS
11AC40SISO	Ant2	5795	NV	-30	-80000.00	-13.805004	20	PASS
11AC40SISO	Ant2	5795	NV	-20	-40000.00	-6.902502	20	PASS
11AC40SISO	Ant2	5795	NV	-10	-40000.00	-6.902502	20	PASS
11AC40SISO	Ant2	5795	NV	0	-40000.00	-6.902502	20	PASS



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11AC40SISO	Ant2	5795	NV	10	-80000.00	-13.805004	20	PASS
11AC40SISO	Ant2	5795	NV	20	0.00	0.000000	20	PASS
11AC40SISO	Ant2	5795	NV	30	-40000.00	-6.902502	20	PASS
11AC40SISO	Ant2	5795	NV	40	-40000.00	-6.902502	20	PASS
11AC40SISO	Ant2	5795	NV	50	-40000.00	-6.902502	20	PASS
11AC80SISO	Ant2	5775	NV	-30	-80000.00	-13.852814	20	PASS
11AC80SISO	Ant2	5775	NV	-20	-80000.00	-13.852814	20	PASS
11AC80SISO	Ant2	5775	NV	-10	-80000.00	-13.852814	20	PASS
11AC80SISO	Ant2	5775	NV	0	-80000.00	-13.852814	20	PASS
11AC80SISO	Ant2	5775	NV	10	-80000.00	-13.852814	20	PASS
11AC80SISO	Ant2	5775	NV	20	-80000.00	-13.852814	20	PASS
11AC80SISO	Ant2	5775	NV	30	-80000.00	-13.852814	20	PASS
11AC80SISO	Ant2	5775	NV	40	-80000.00	-13.852814	20	PASS
11AC80SISO	Ant2	5775	NV	50	-80000.00	-13.852814	20	PASS



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G.6 Duty Cycle

Test Result

TestMode	Antenna	Frequency[MHz]	Transmission Duration [ms]	Transmission Period [ms]	Duty Cycle [%]	Dc Factor [%]	1/T
11A	Ant1	5745	1.39	2.04	68.14	1.67	0.72
11A	Ant1	5785	1.39	1.42	97.89	0.09	0.72
11A	Ant1	5825	1.39	1.43	97.20	0.12	0.72
11N20SISO	Ant1	5745	1.30	1.33	97.74	0.10	0.77
11N20SISO	Ant1	5785	1.30	1.33	97.74	0.10	0.77
11N20SISO	Ant1	5825	1.30	1.34	97.01	0.13	0.77
11N40SISO	Ant1	5755	0.65	0.68	95.59	0.20	1.54
11N40SISO	Ant1	5795	0.65	0.69	94.20	0.26	1.54
11AC20SISO	Ant1	5745	1.31	1.35	97.04	0.13	0.76
11AC20SISO	Ant1	5785	1.31	1.35	97.04	0.13	0.76
11AC20SISO	Ant1	5825	1.31	1.35	97.04	0.13	0.76
11AC40SISO	Ant1	5755	0.65	0.69	94.20	0.26	1.54
11AC40SISO	Ant1	5795	0.65	0.69	94.20	0.26	1.54
11AC80SISO	Ant1	5775	0.32	0.36	88.89	0.51	3.13



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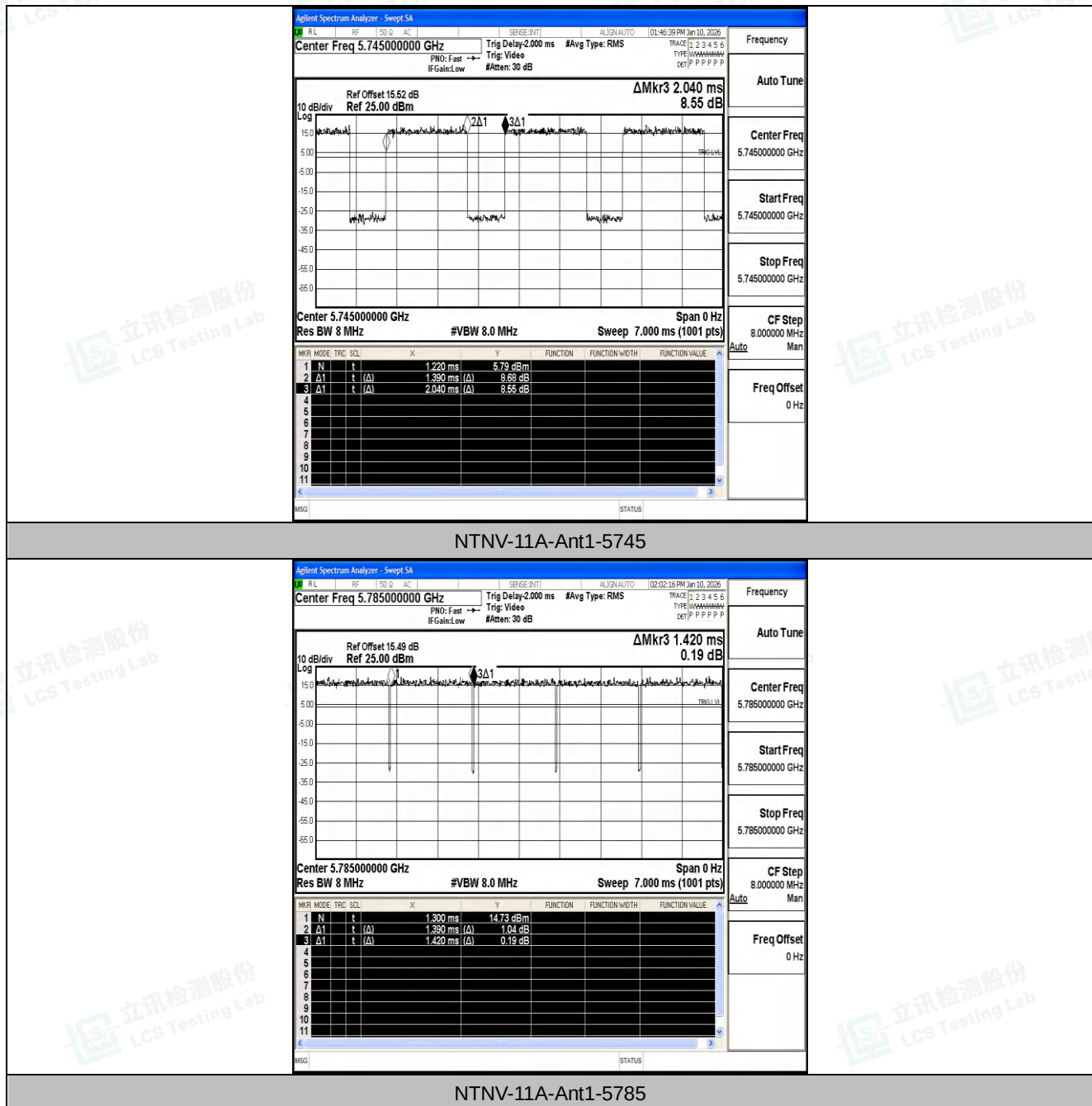
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Test Graphs

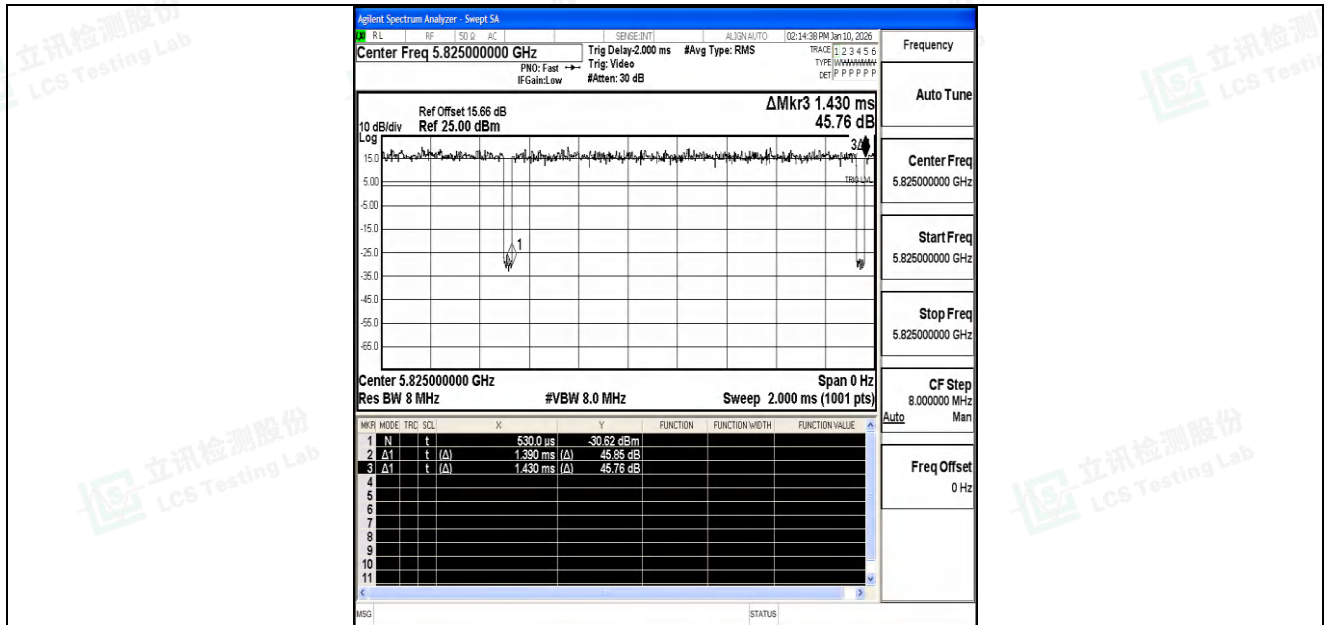


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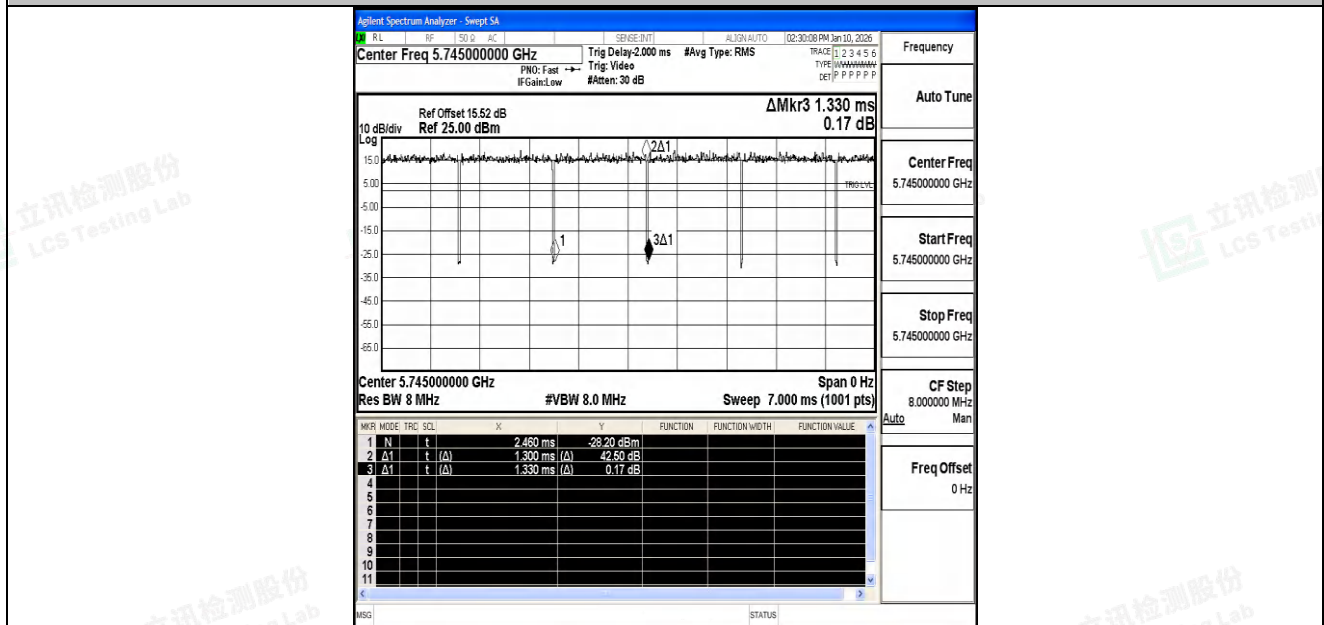
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NTNV-11A-Ant1-5825



NTNV-11N20SISO-Ant1-5745

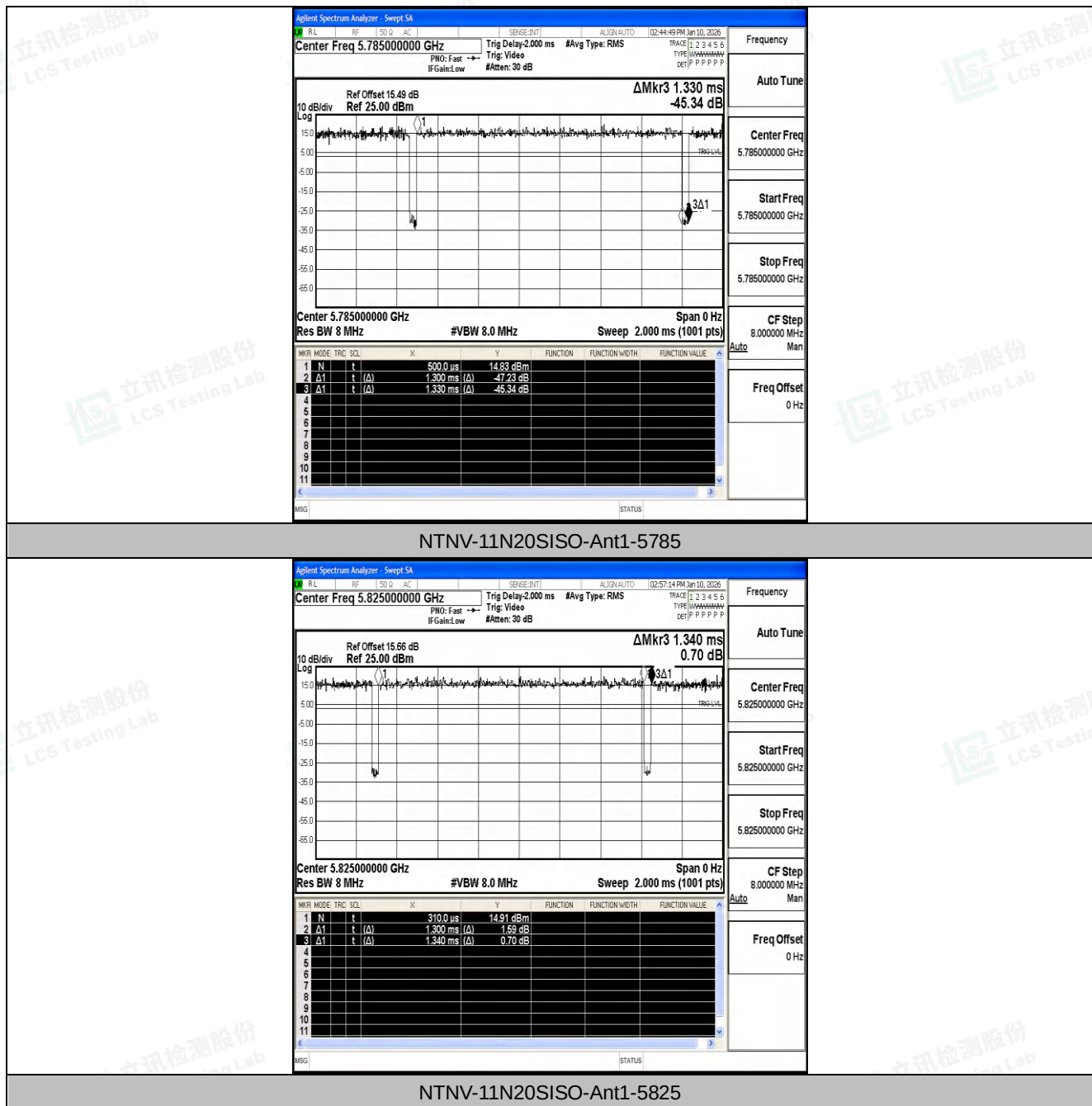


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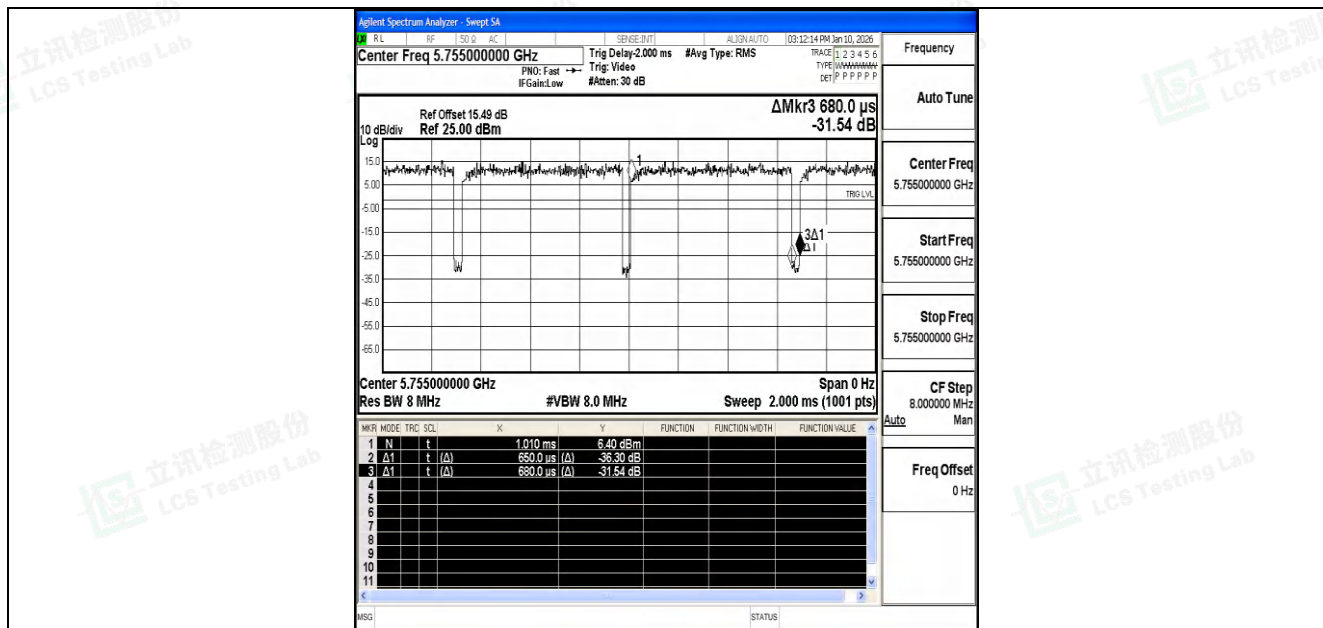


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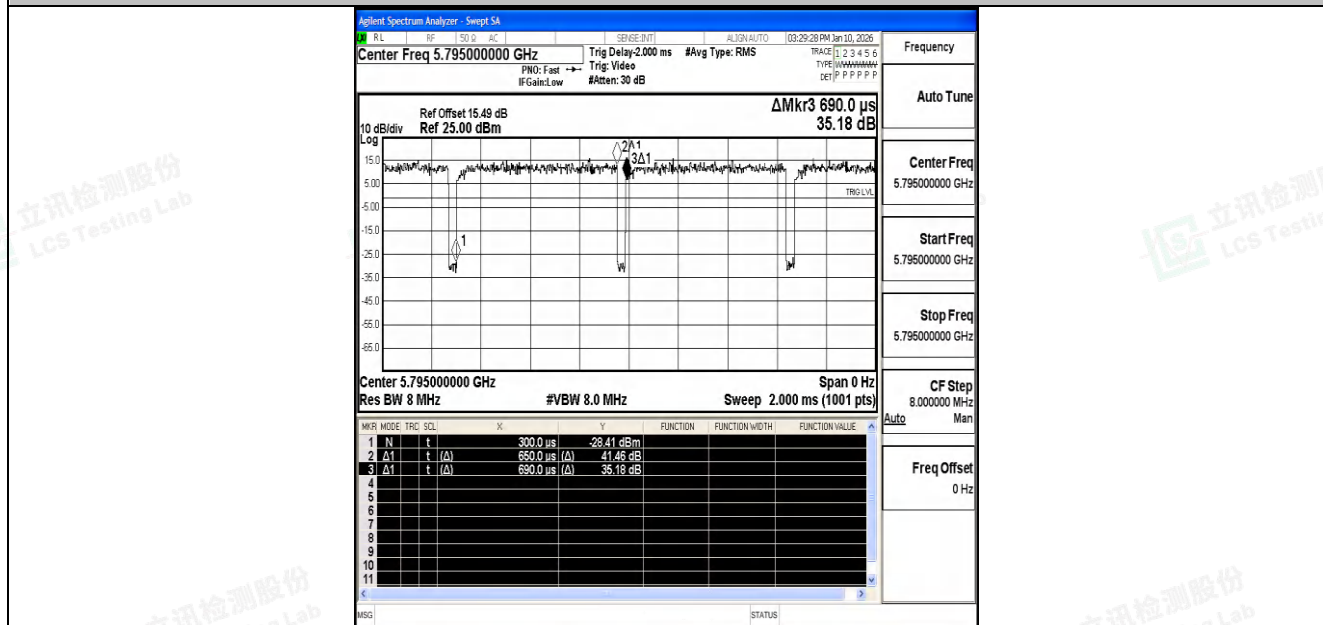
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NTNV-11N40SISO-Ant1-5795

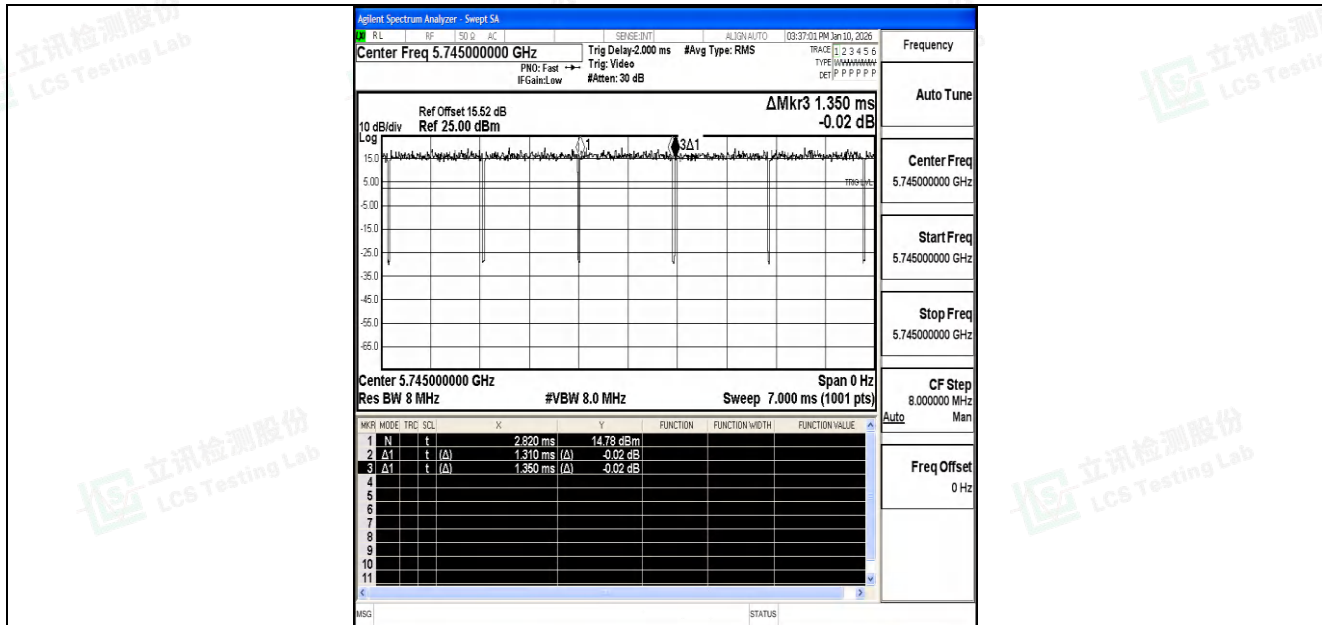


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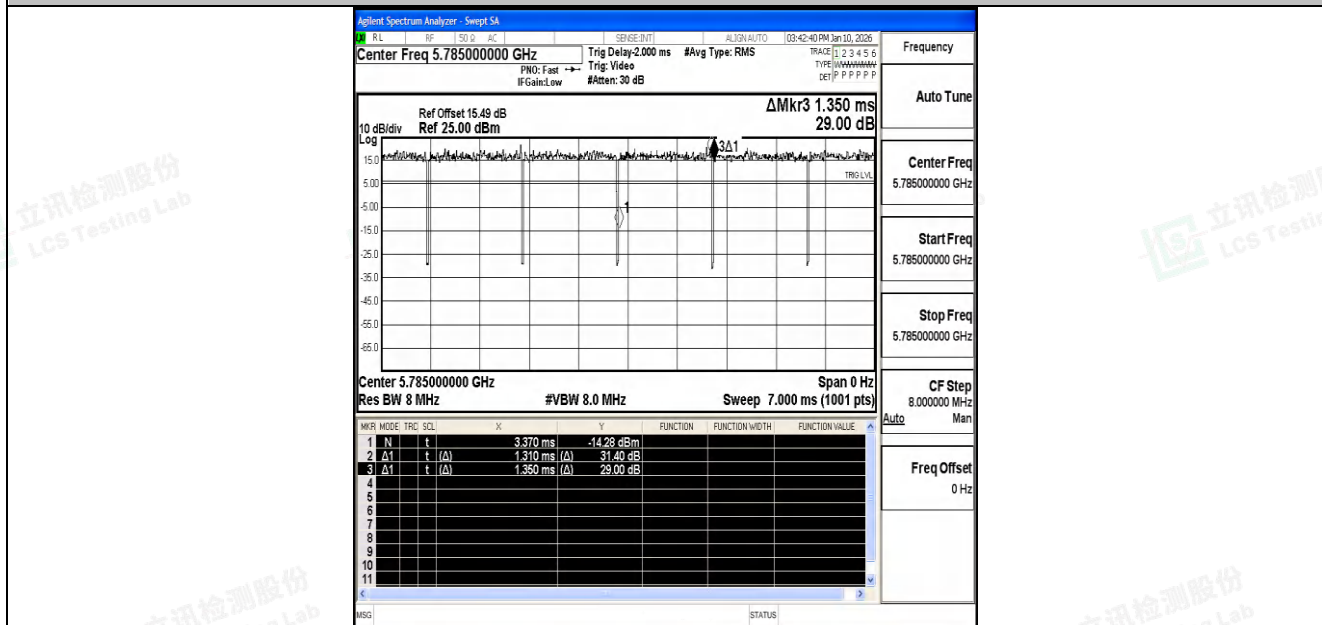
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NTNV-11AC20SISO-Ant1-5785

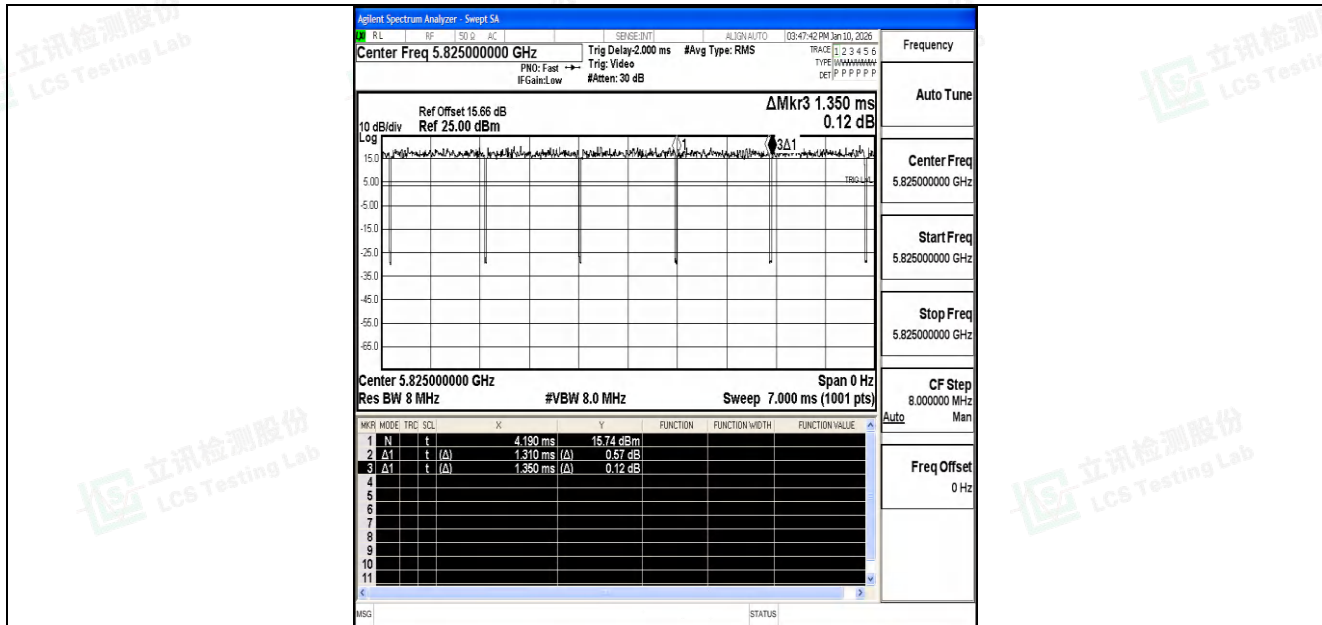


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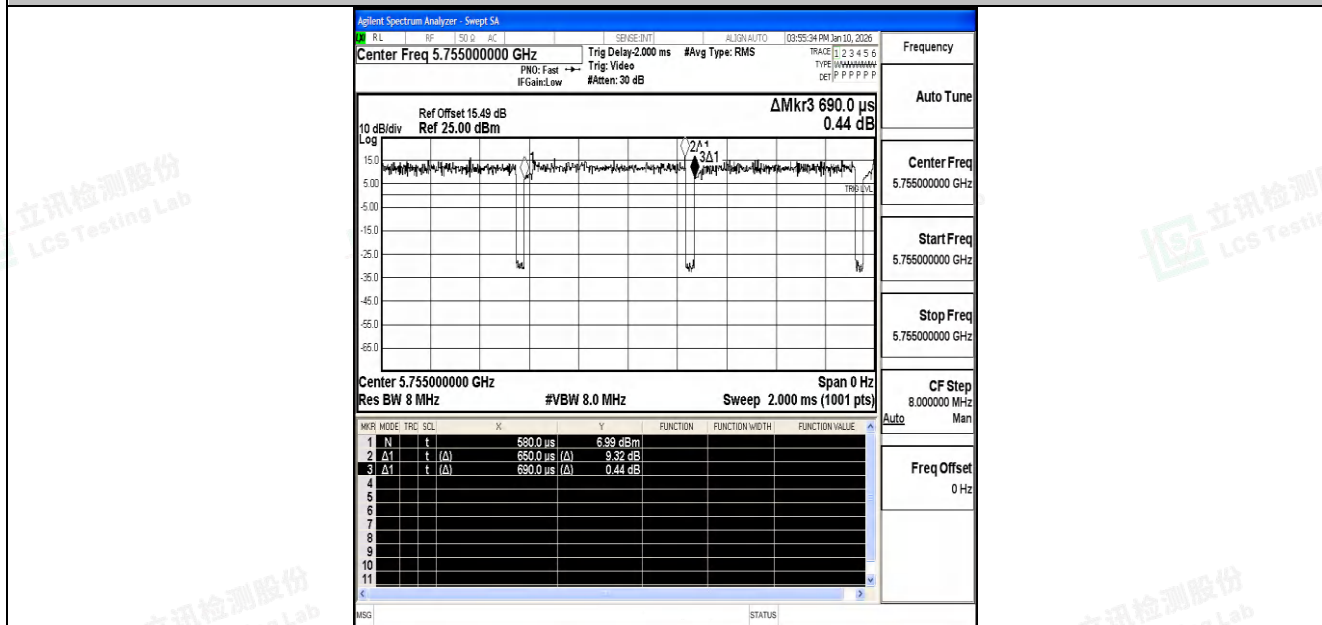
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NTNV-11AC40SISO-Ant1-5755

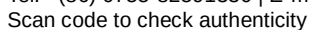


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**Test Result**

TestMode	Antenna	Frequency[MHz]	Transmission Duration [ms]	Transmission Period [ms]	Duty Cycle [%]	Dc Factor [%]	1/T
11A	Ant2	5745	1.39	1.42	97.89	0.09	0.72
11A	Ant2	5785	1.39	1.42	97.89	0.09	0.72
11A	Ant2	5825	1.39	1.43	97.20	0.12	0.72
11N20SISO	Ant2	5745	1.30	1.33	97.74	0.10	0.77
11N20SISO	Ant2	5785	1.30	1.33	97.74	0.10	0.77
11N20SISO	Ant2	5825	1.30	1.33	97.74	0.10	0.77
11N40SISO	Ant2	5755	0.64	1.31	48.85	3.11	1.56
11N40SISO	Ant2	5795	0.65	0.69	94.20	0.26	1.54
11AC20SISO	Ant2	5745	1.31	1.35	97.04	0.13	0.76
11AC20SISO	Ant2	5785	1.31	1.34	97.76	0.10	0.76
11AC20SISO	Ant2	5825	1.31	1.34	97.76	0.10	0.76
11AC40SISO	Ant2	5755	0.65	0.69	94.20	0.26	1.54
11AC40SISO	Ant2	5795	0.65	0.68	95.59	0.20	1.54
11AC80SISO	Ant2	5775	0.32	0.36	88.89	0.51	3.13



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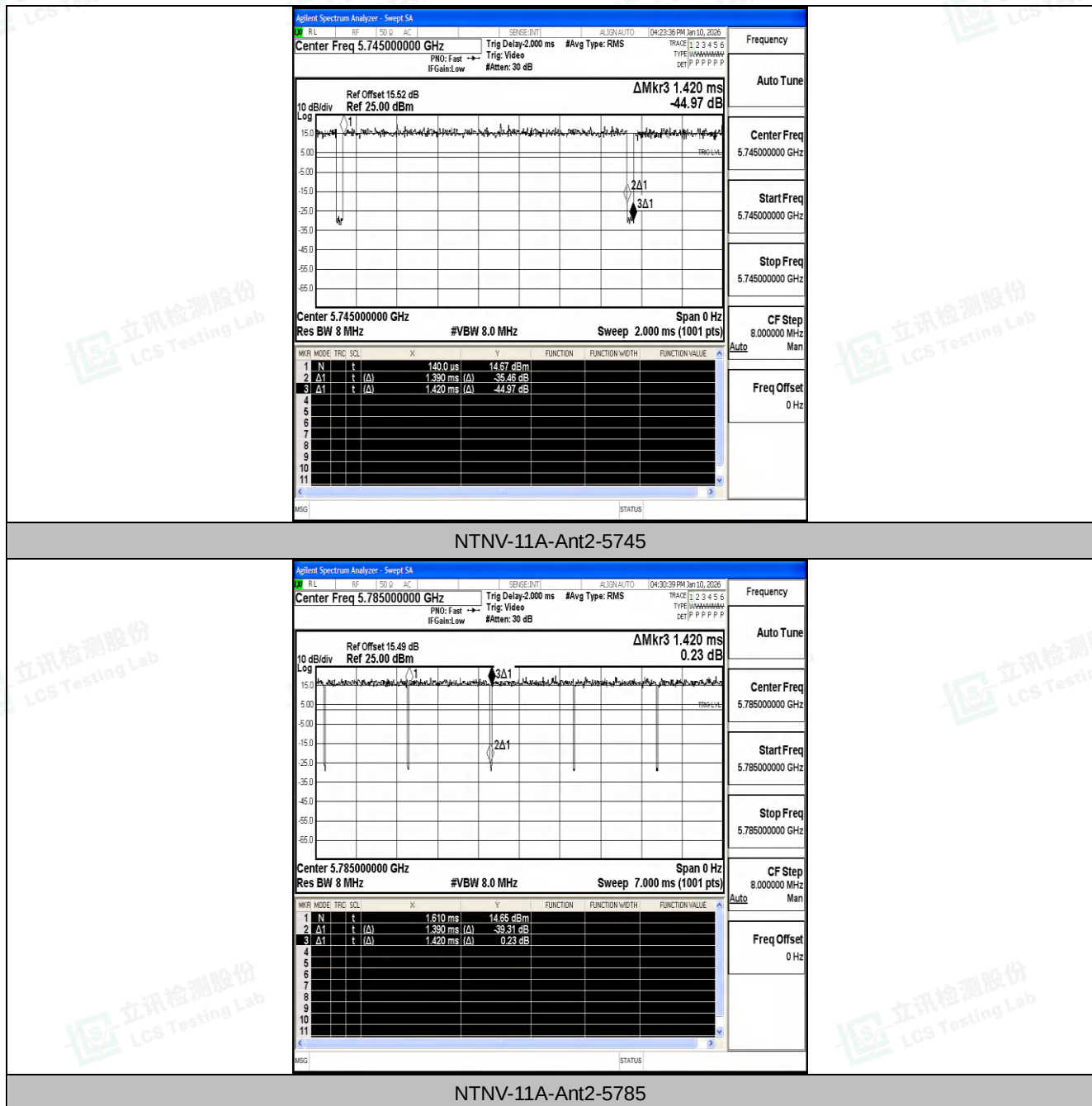
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Test Graphs

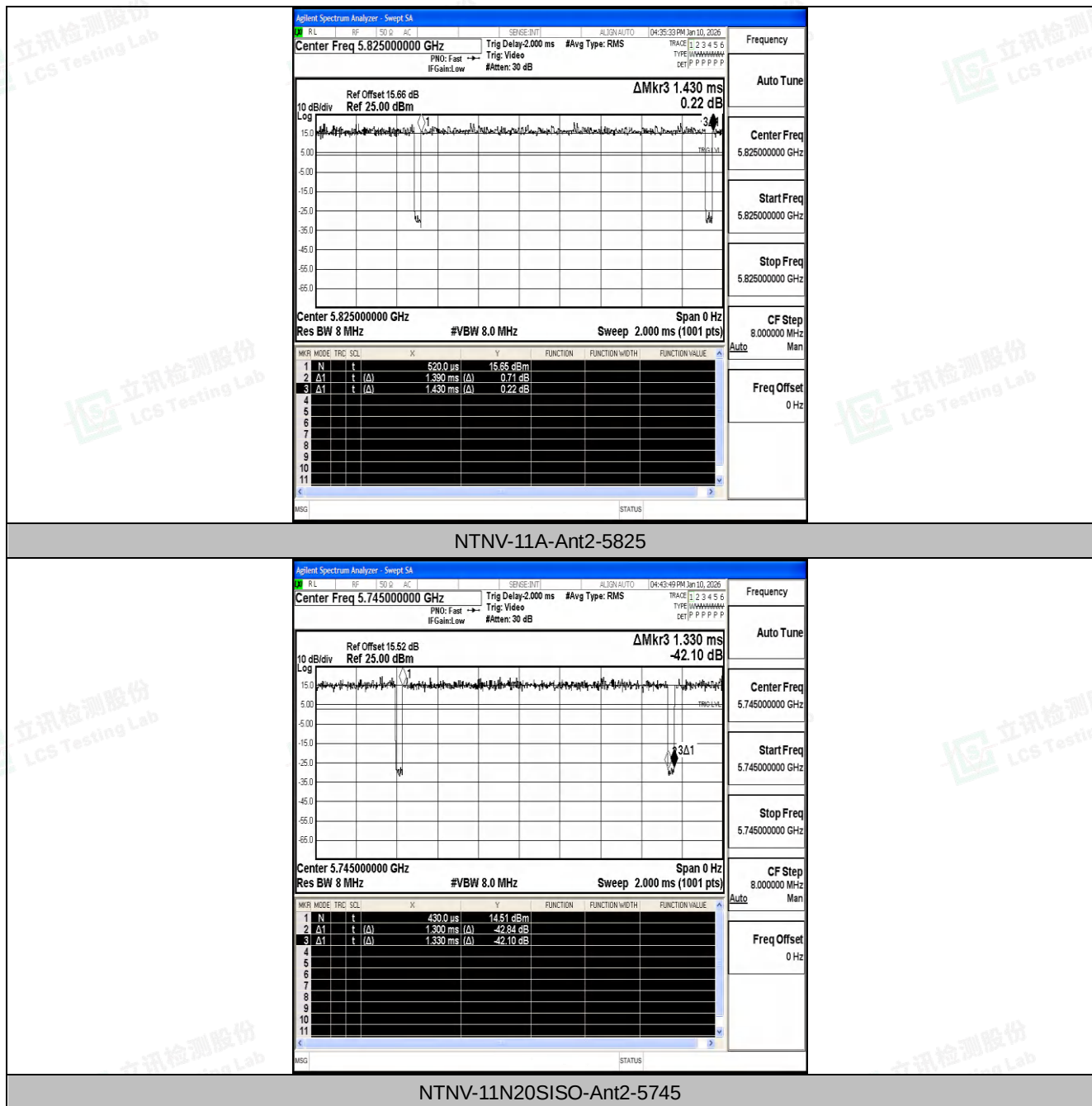


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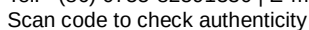
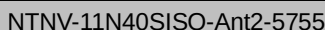


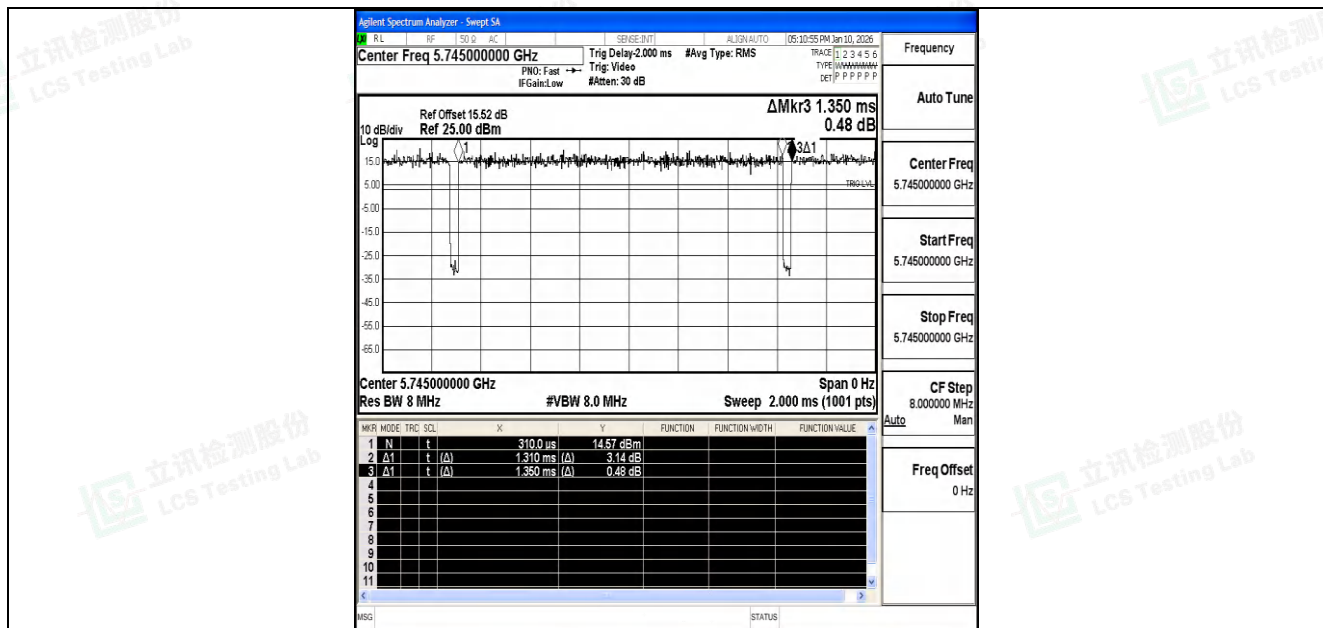
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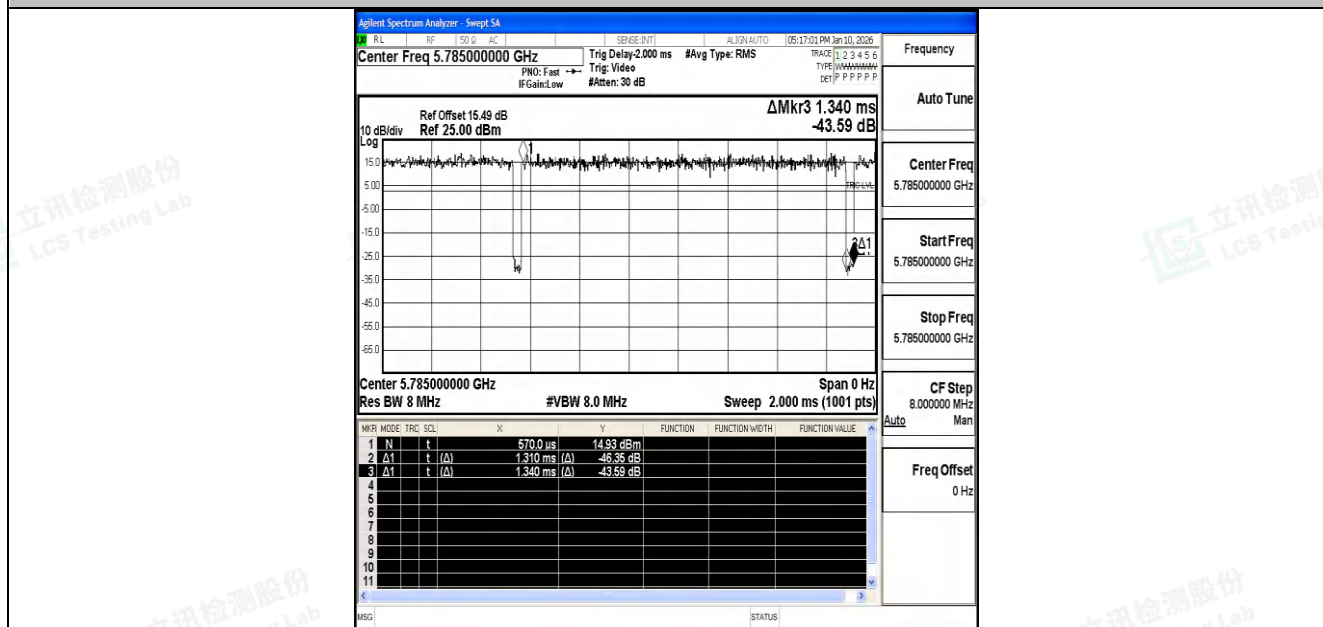
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NTNV-11AC20SISO-Ant2-5785

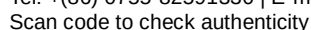
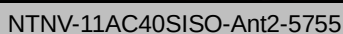


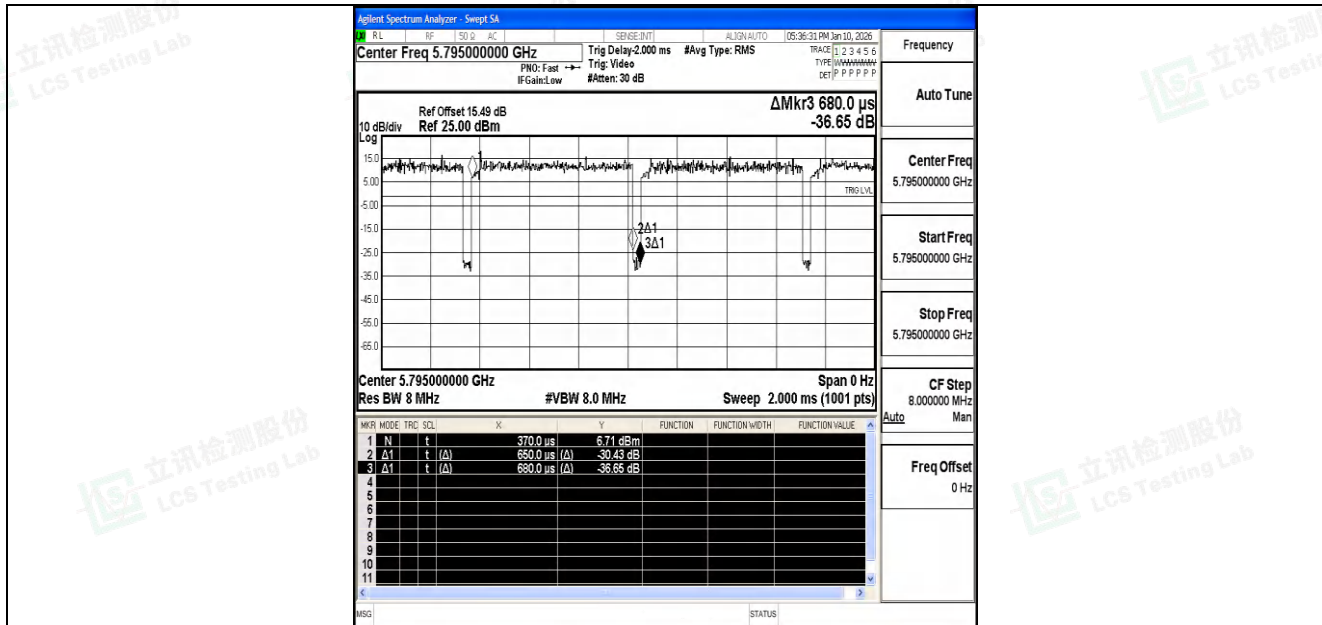
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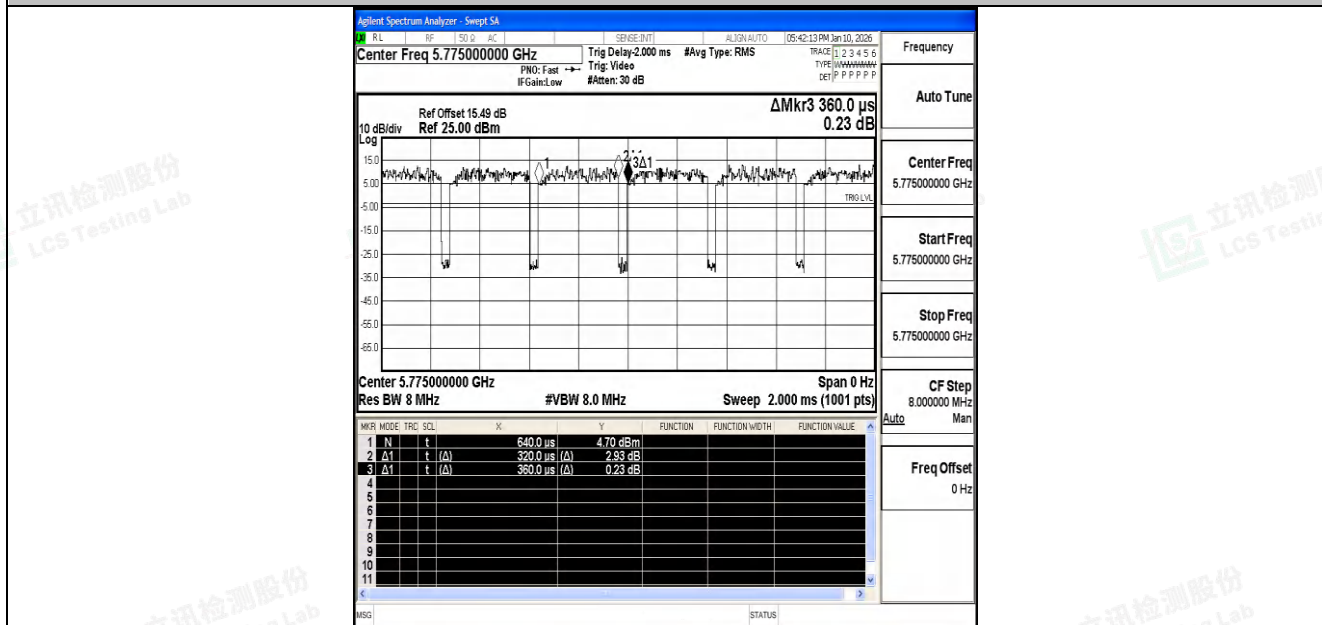
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NTNV-11AC80SISO-Ant2-5775



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