



Appendix F

RF Test Data for 5.5GWIFI (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





F.1 Emission Bandwidth

Test Result

TestMode	Antenna	Frequency[MHz]	26db EBW [MHz]	FL[MHz]	FH[MHz]	Limit[MHz]	Verdict
11A	Ant1	5500	24.080	5487.840	5511.920	---	---
11A	Ant1	5600	24.320	5587.880	5612.200	---	---
11A	Ant1	5700	26.120	5687.240	5713.360	---	---
11N20SISO	Ant1	5500	26.080	5487.440	5513.520	---	---
11N20SISO	Ant1	5600	24.040	5588.120	5612.160	---	---
11N20SISO	Ant1	5700	25.360	5687.440	5712.800	---	---
11N40SISO	Ant1	5510	39.840	5490.000	5529.840	---	---
11N40SISO	Ant1	5590	39.920	5569.920	5609.840	---	---
11N40SISO	Ant1	5670	39.920	5650.160	5690.080	---	---
11AC20SISO	Ant1	5500	25.160	5487.560	5512.720	---	---
11AC20SISO	Ant1	5600	24.720	5587.520	5612.240	---	---
11AC20SISO	Ant1	5700	24.880	5687.400	5712.280	---	---
11AC40SISO	Ant1	5510	39.760	5490.000	5529.760	---	---
11AC40SISO	Ant1	5590	39.840	5570.000	5609.840	---	---
11AC40SISO	Ant1	5670	39.760	5650.160	5689.920	---	---
11AC80SISO	Ant1	5530	80.000	5490.000	5570.000	---	---
11AC80SISO	Ant1	5610	80.000	5570.160	5650.160	---	---



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Test Graphs

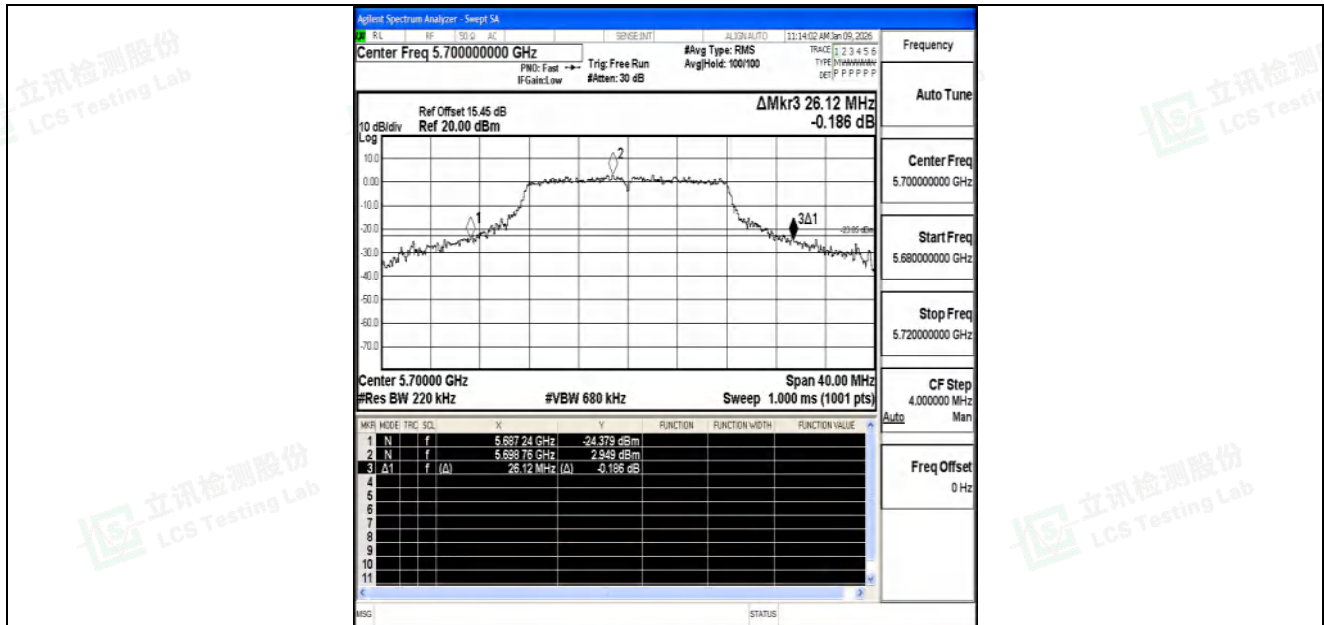


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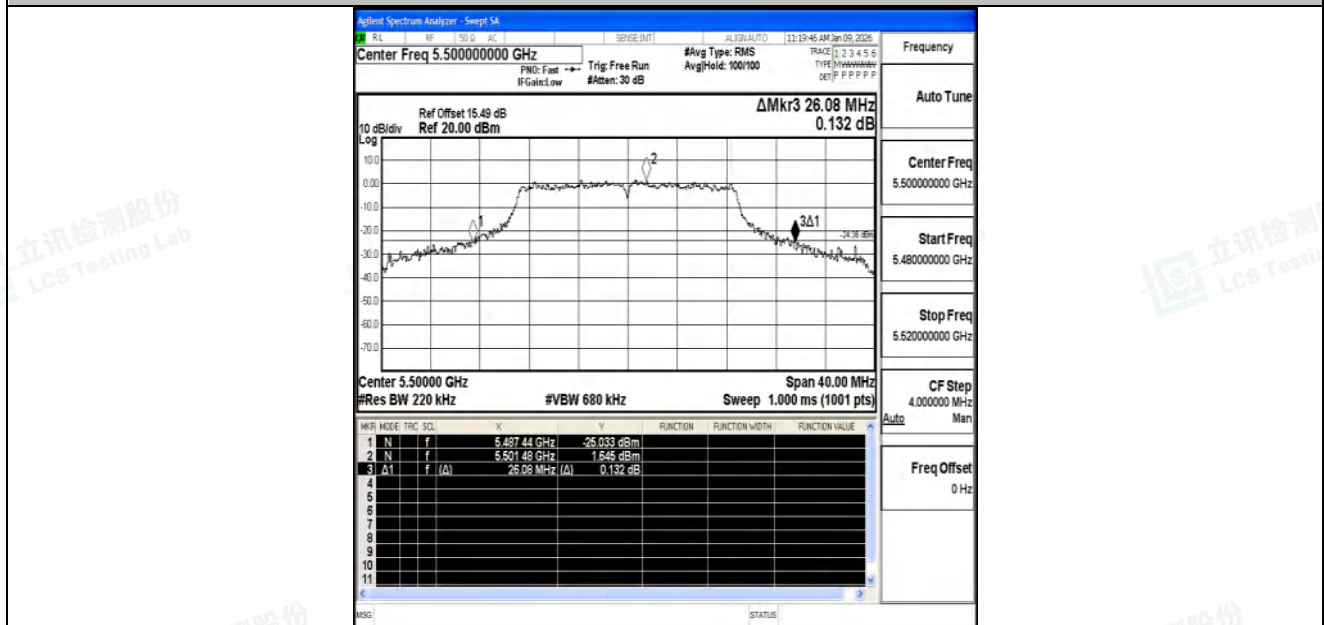
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11A-Ant1-5700



11N20SISO-Ant1-5500

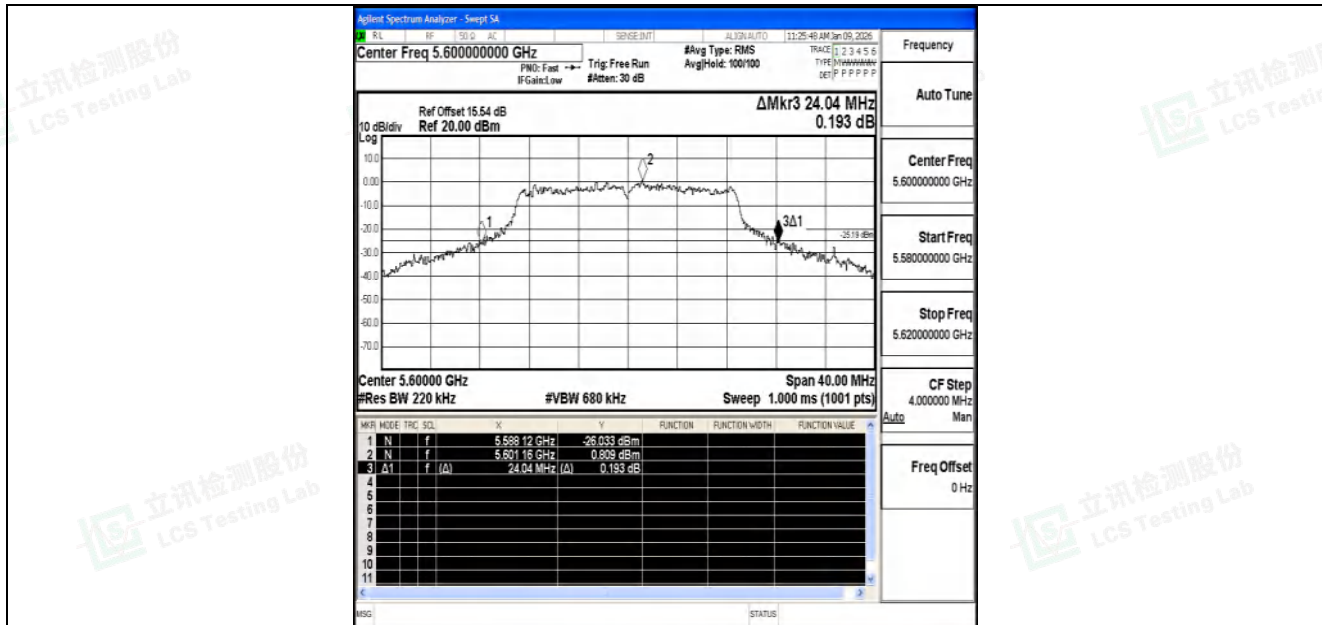


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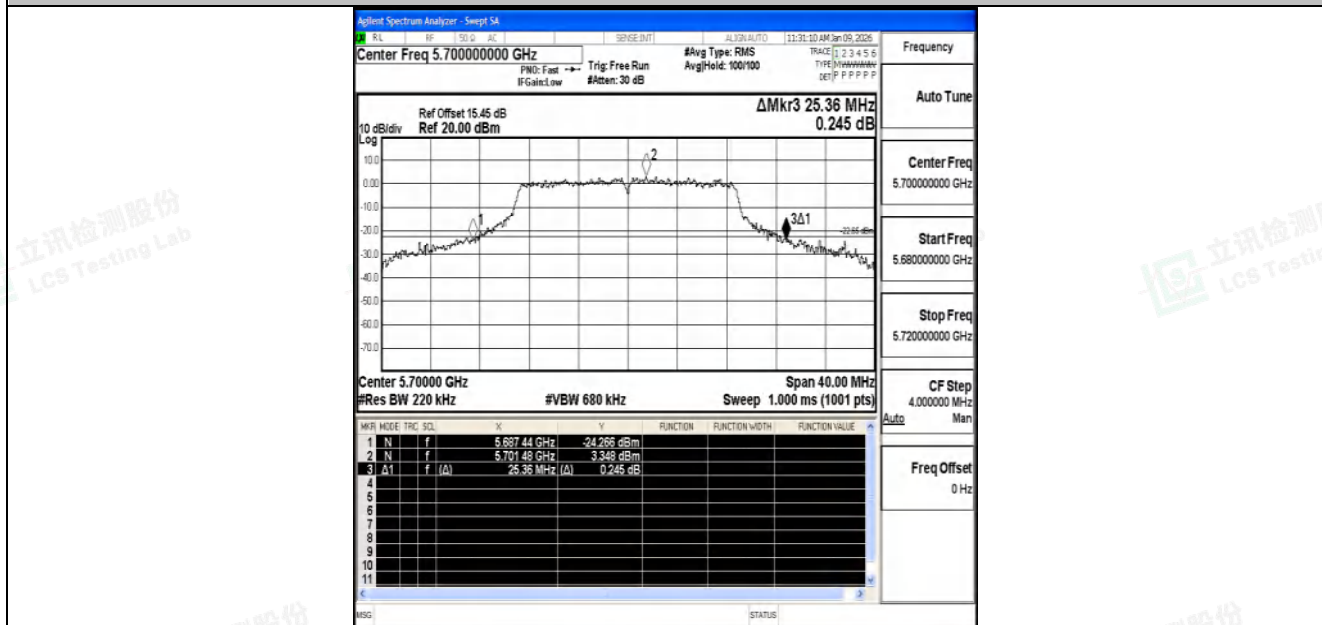
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11N20SISO-Ant1-5600



11N20SISO-Ant1-5700

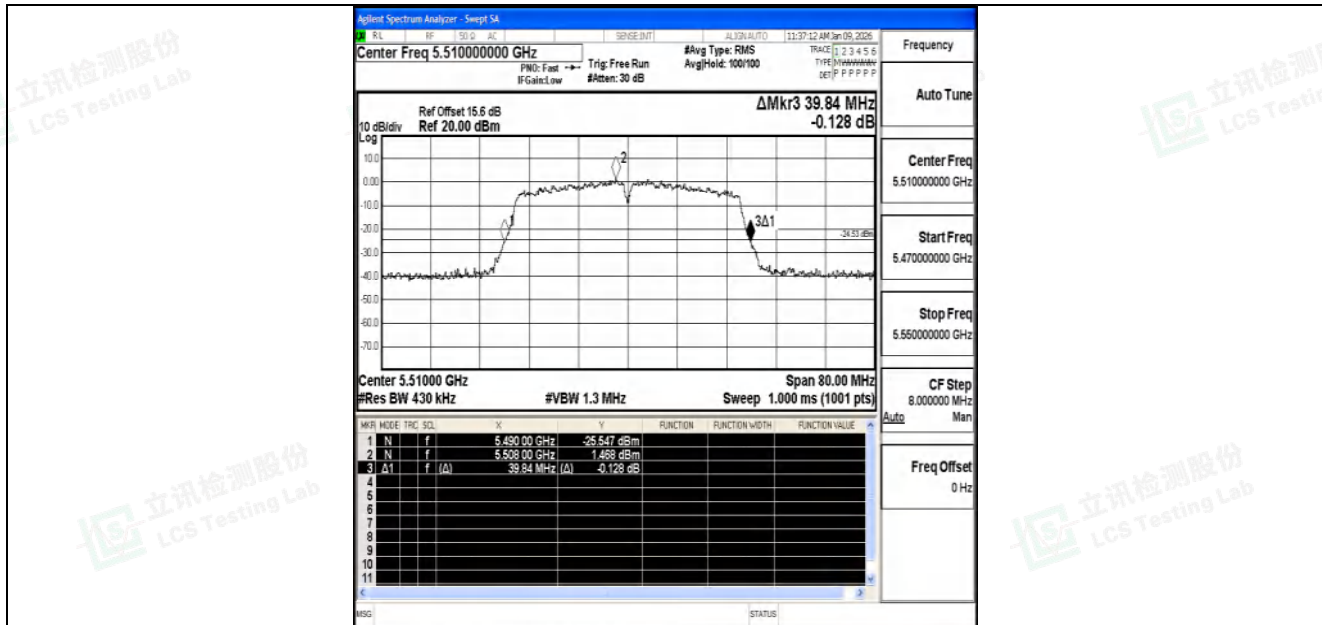


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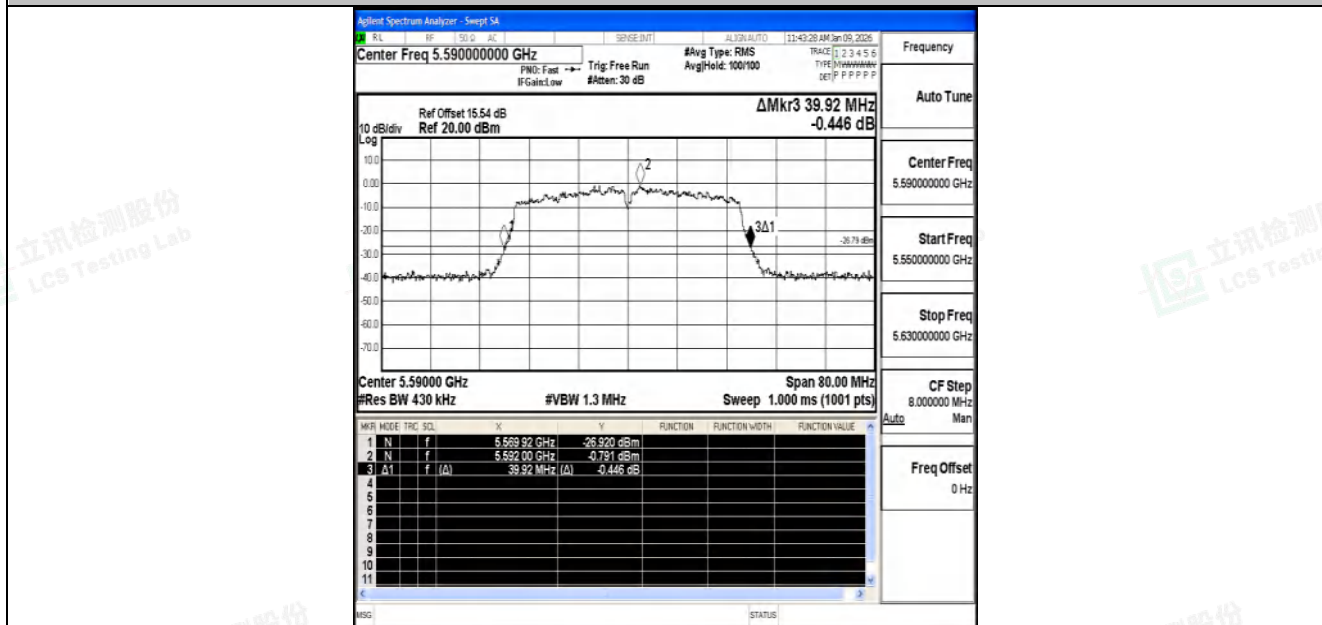
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11N40SISO-Ant1-5510



11N40SISO-Ant1-5590

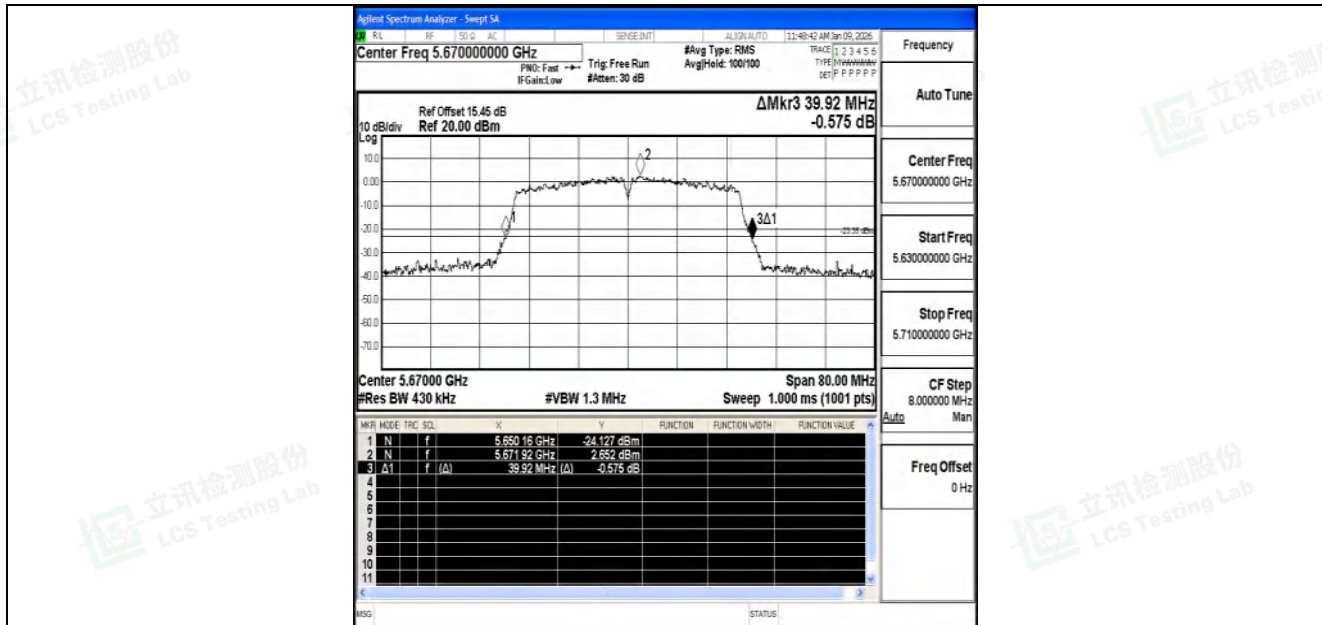


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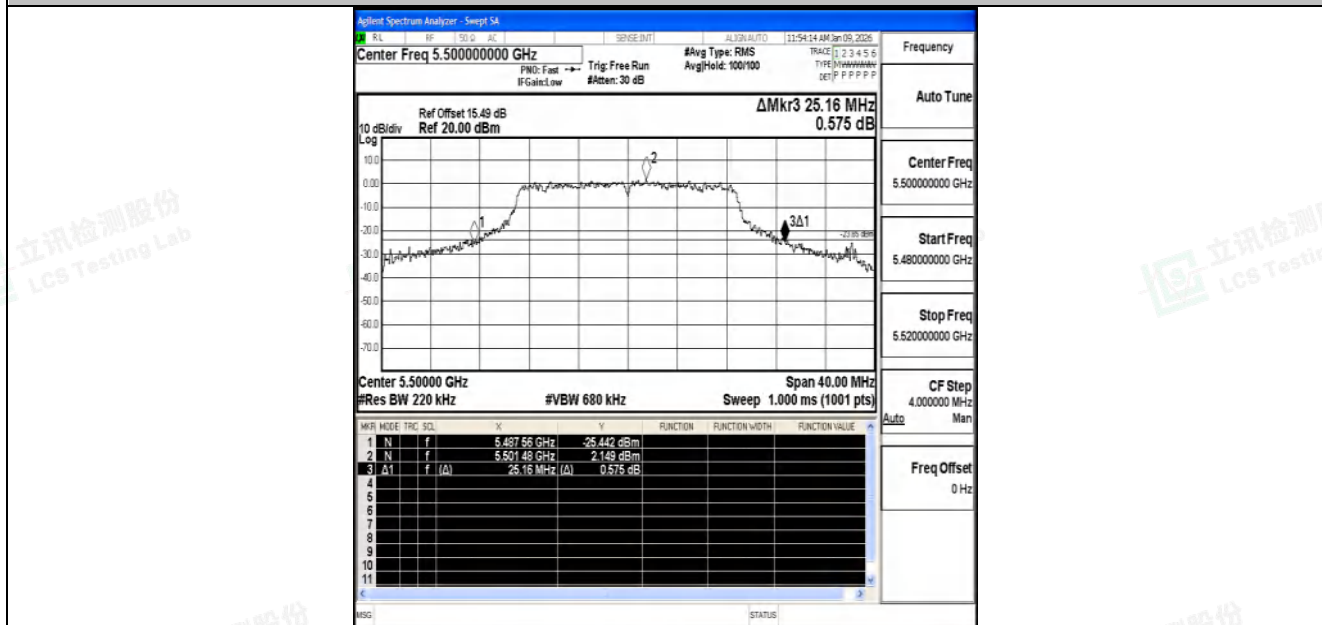
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11N40SISO-Ant1-5670



11AC20SISO-Ant1-5500

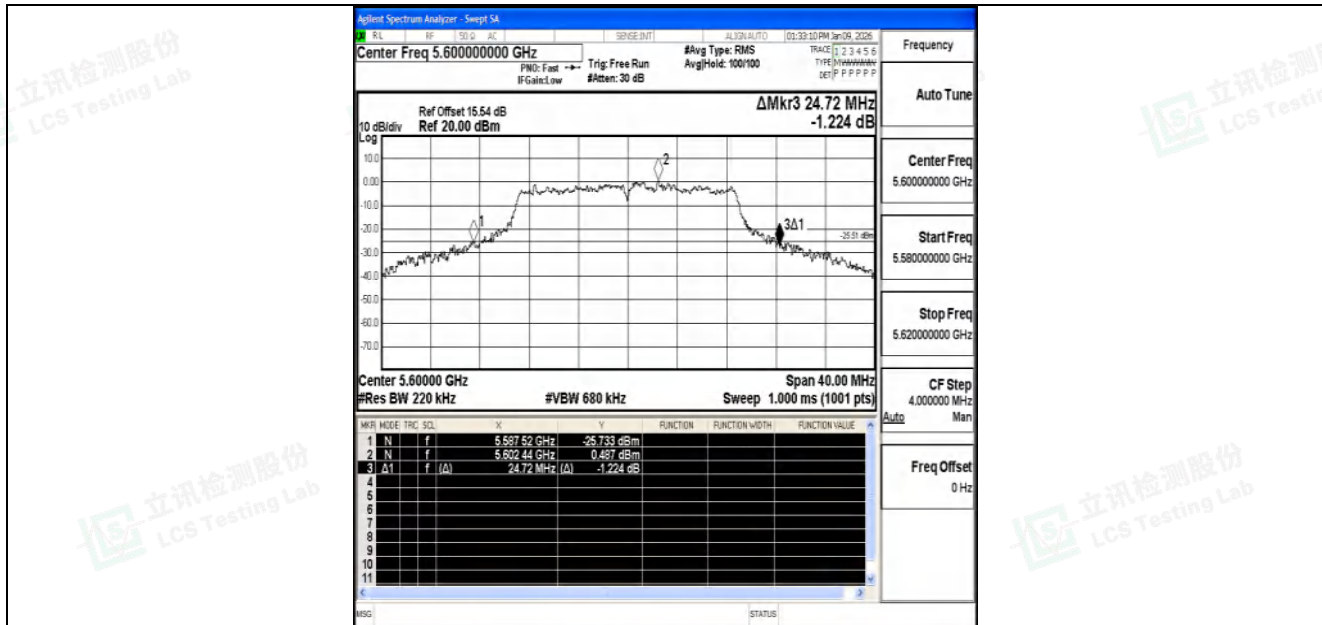


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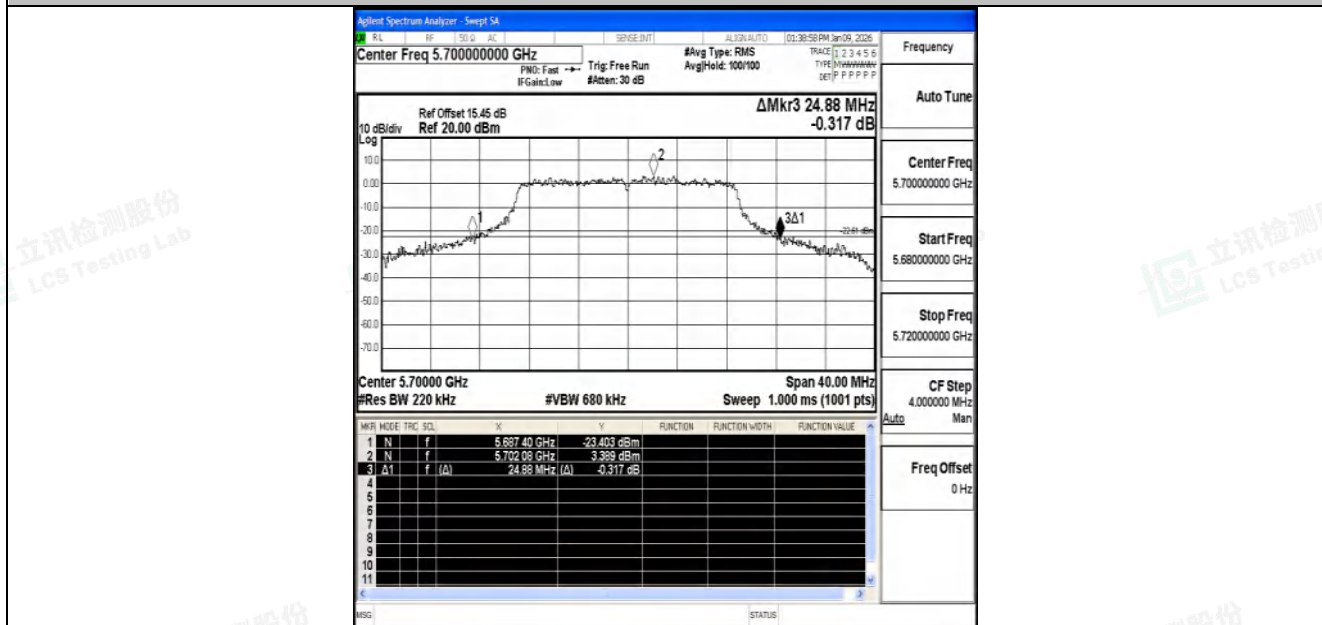
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11AC20SISO-Ant1-5600



11AC20SISO-Ant1-5700

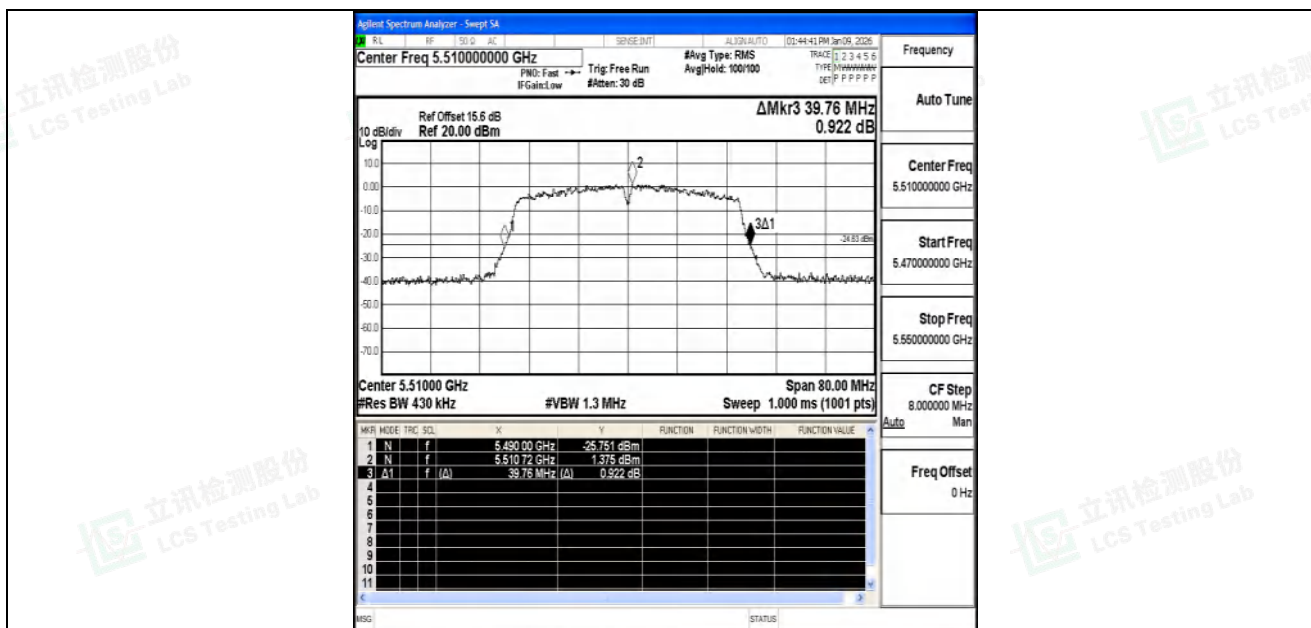


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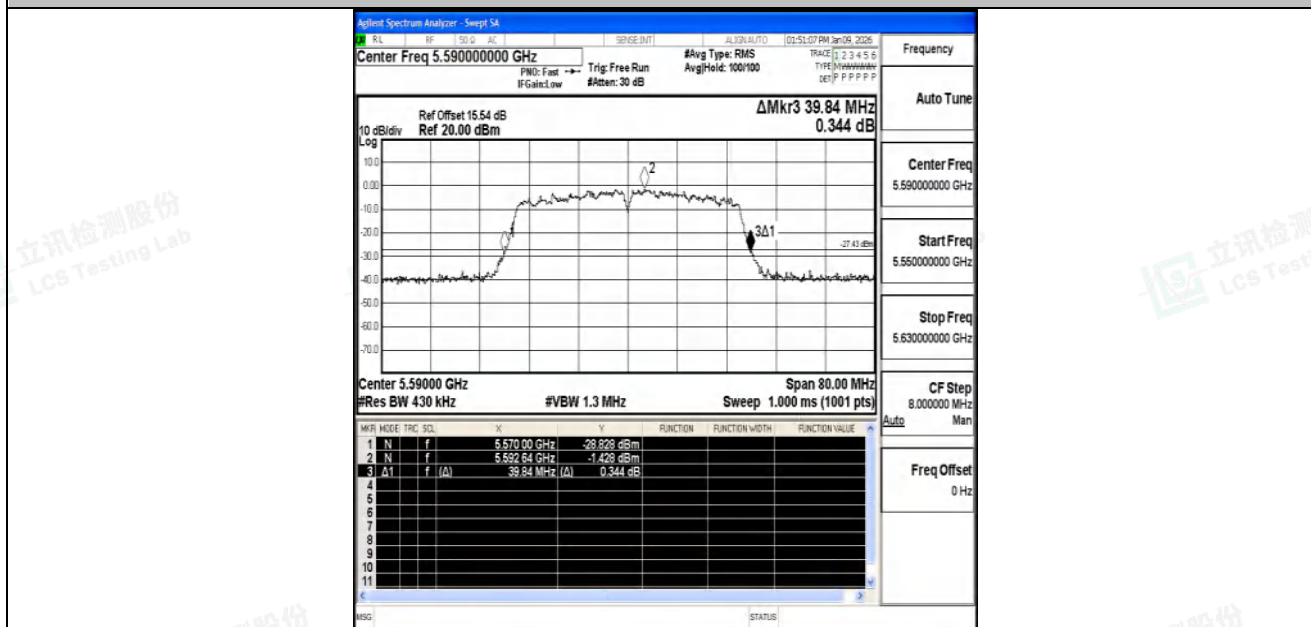
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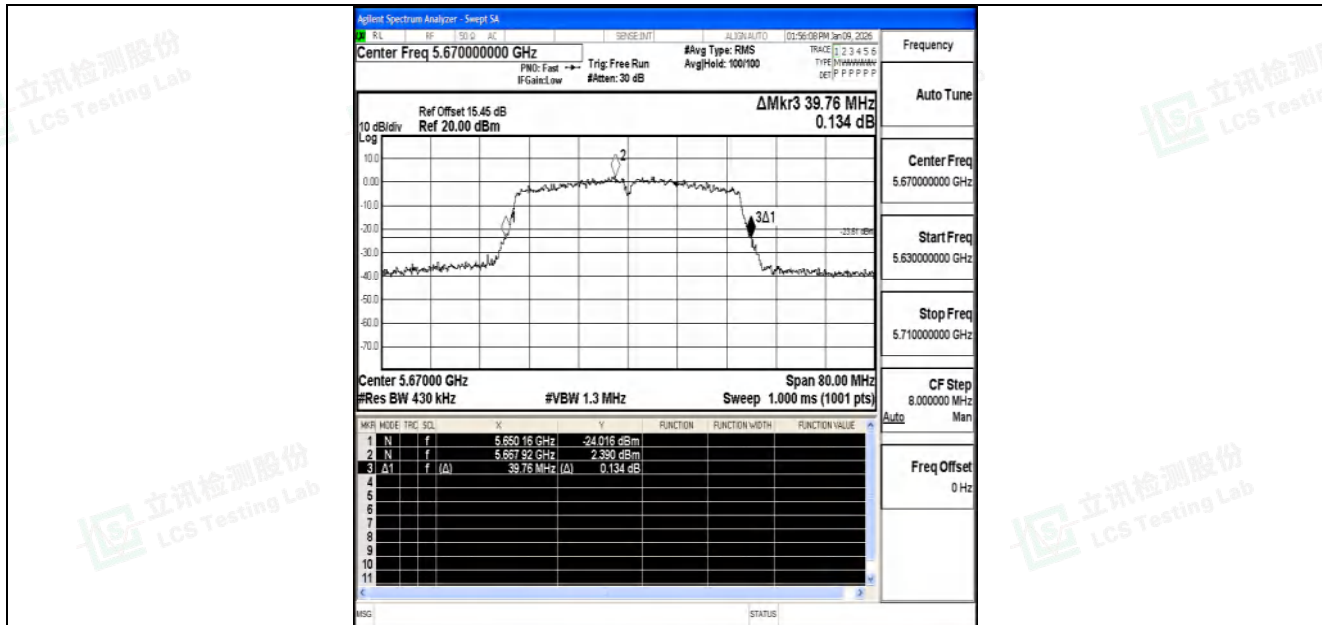


11AC40SISO-Ant1-5510

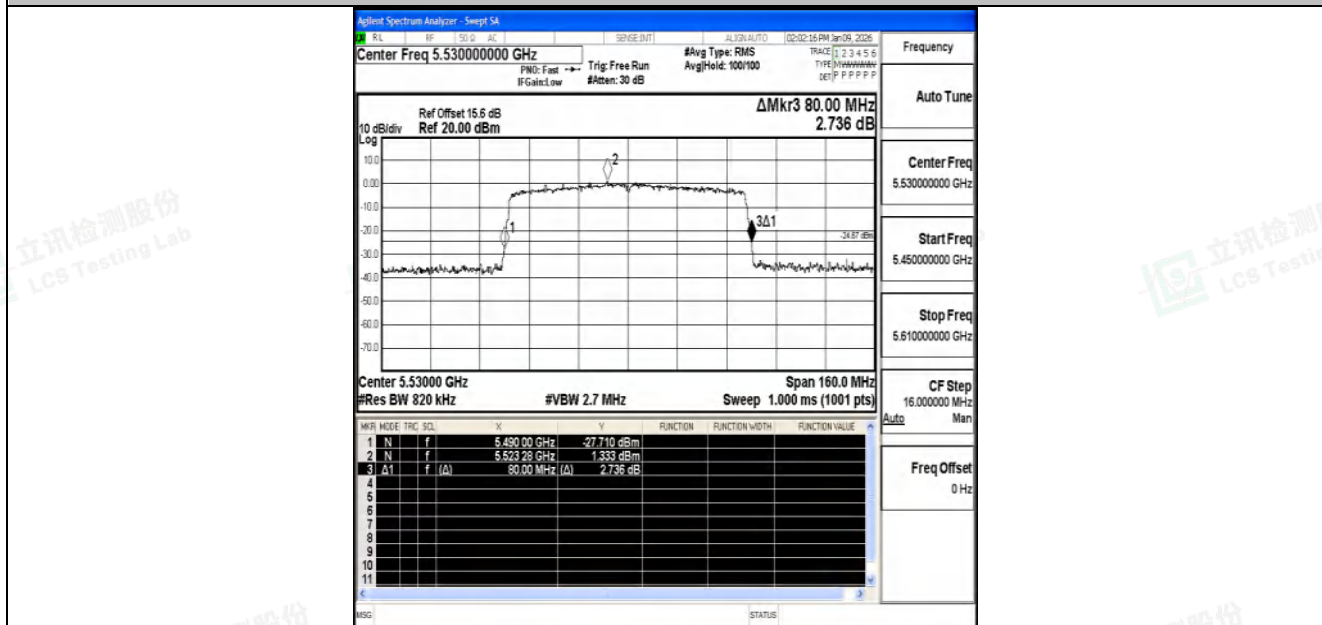


11AC40SISO-Ant1-5590





11AC40SISO-Ant1-5670



11AC80SISO-Ant1-5530

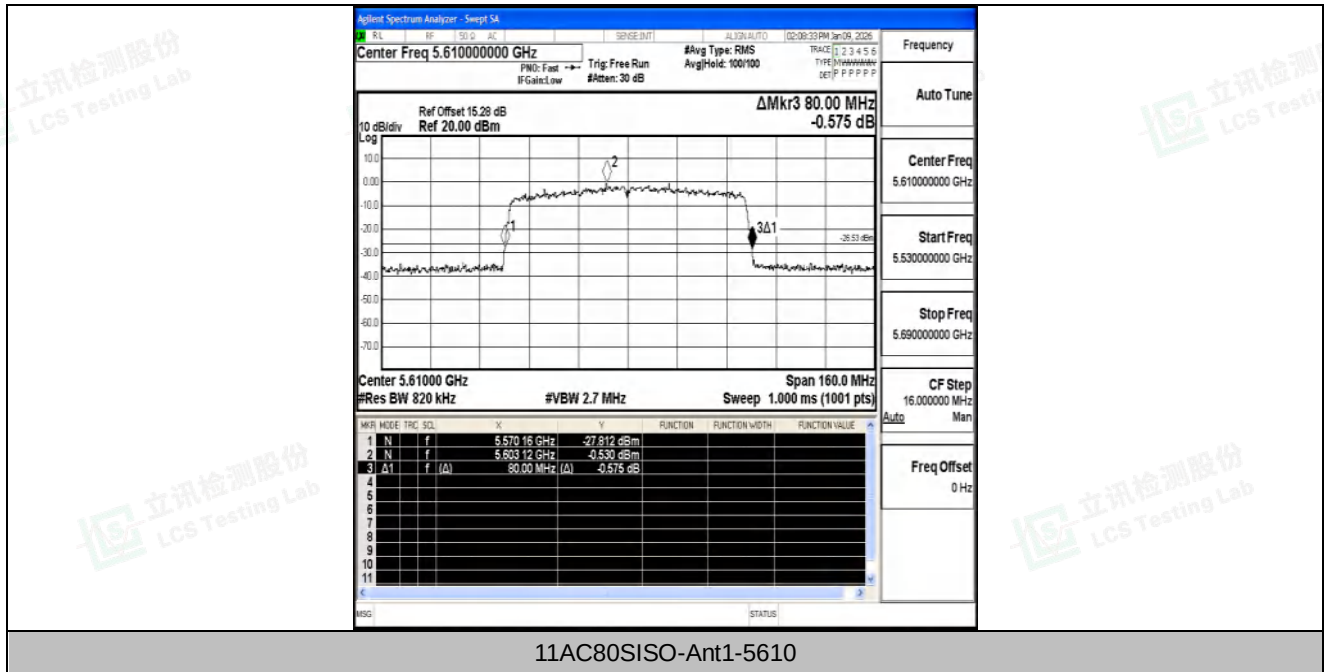


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Test Result

TestMode	Antenna	Frequency[MHz]	26db EBW [MHz]	FL[MHz]	FH[MHz]	Limit[MHz]	Verdict
11A	Ant2	5500	25.480	5487.840	5513.320	---	---
11A	Ant2	5600	24.480	5587.920	5612.400	---	---
11A	Ant2	5700	24.440	5687.520	5711.960	---	---
11N20SISO	Ant2	5500	25.160	5487.880	5513.040	---	---
11N20SISO	Ant2	5600	25.480	5587.440	5612.920	---	---
11N20SISO	Ant2	5700	25.320	5687.280	5712.600	---	---
11N40SISO	Ant2	5510	39.680	5490.160	5529.840	---	---
11N40SISO	Ant2	5590	40.000	5570.000	5610.000	---	---
11N40SISO	Ant2	5670	39.760	5650.080	5689.840	---	---
11AC20SISO	Ant2	5500	26.120	5487.120	5513.240	---	---
11AC20SISO	Ant2	5600	25.640	5587.240	5612.880	---	---
11AC20SISO	Ant2	5700	24.880	5687.480	5712.360	---	---
11AC40SISO	Ant2	5510	39.840	5490.160	5530.000	---	---
11AC40SISO	Ant2	5590	39.840	5570.160	5610.000	---	---
11AC40SISO	Ant2	5670	39.680	5650.240	5689.920	---	---
11AC80SISO	Ant2	5530	79.840	5490.000	5569.840	---	---
11AC80SISO	Ant2	5610	79.840	5570.000	5649.840	---	---



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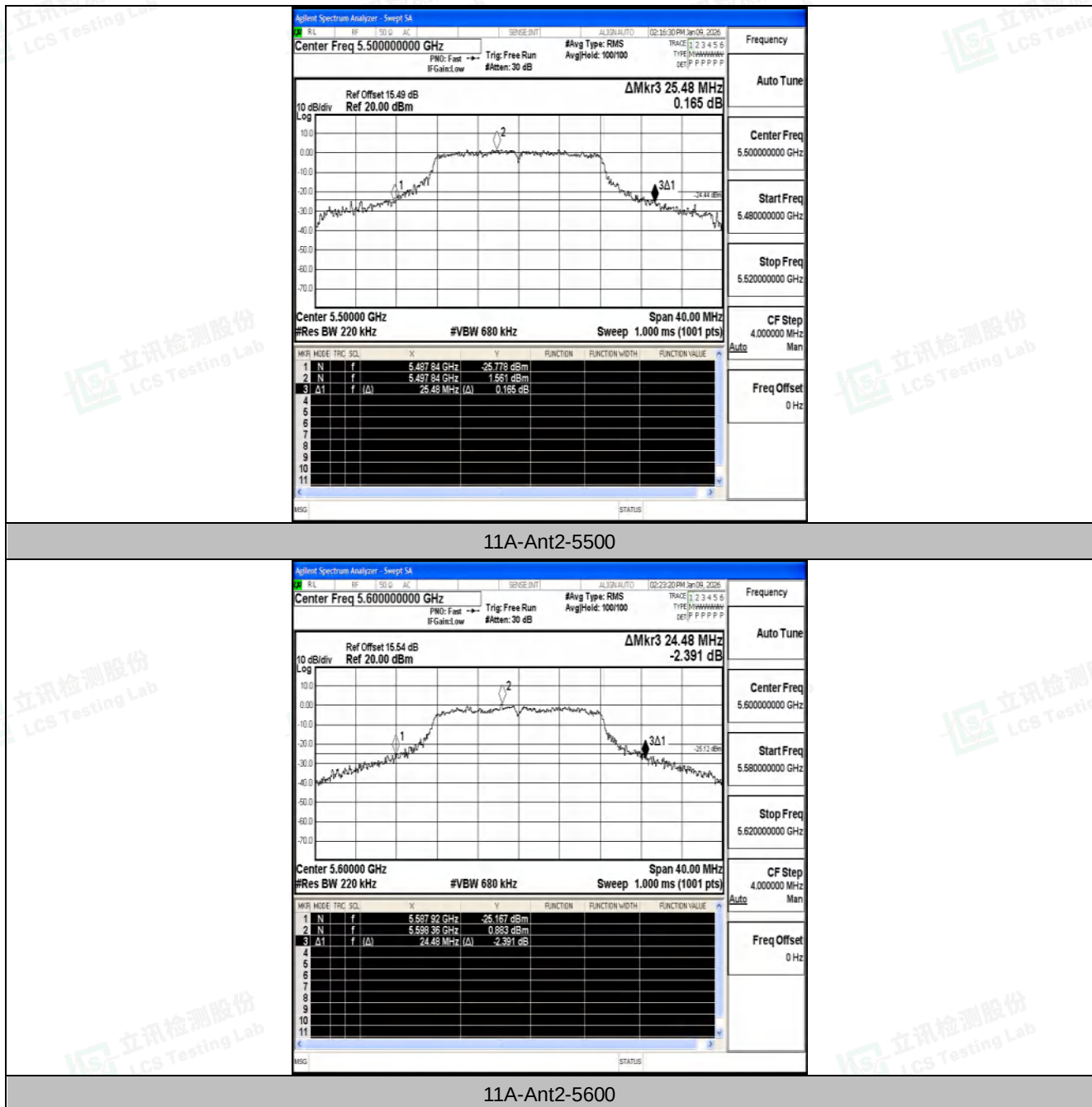
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Test Graphs

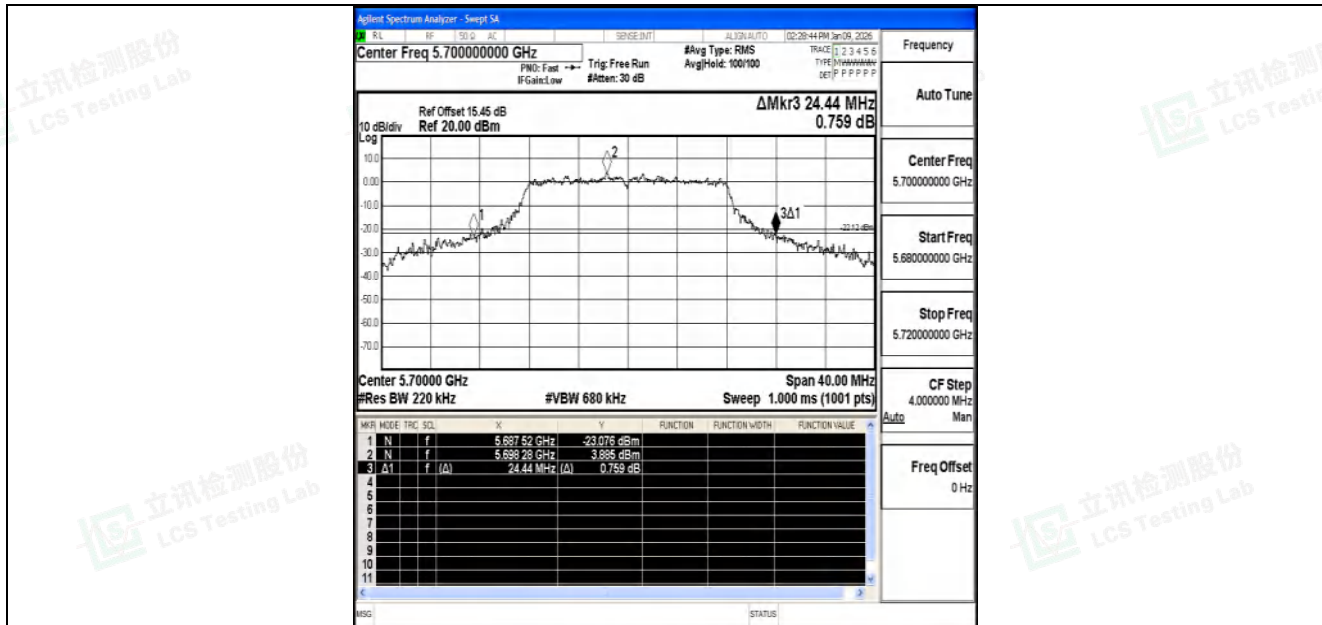


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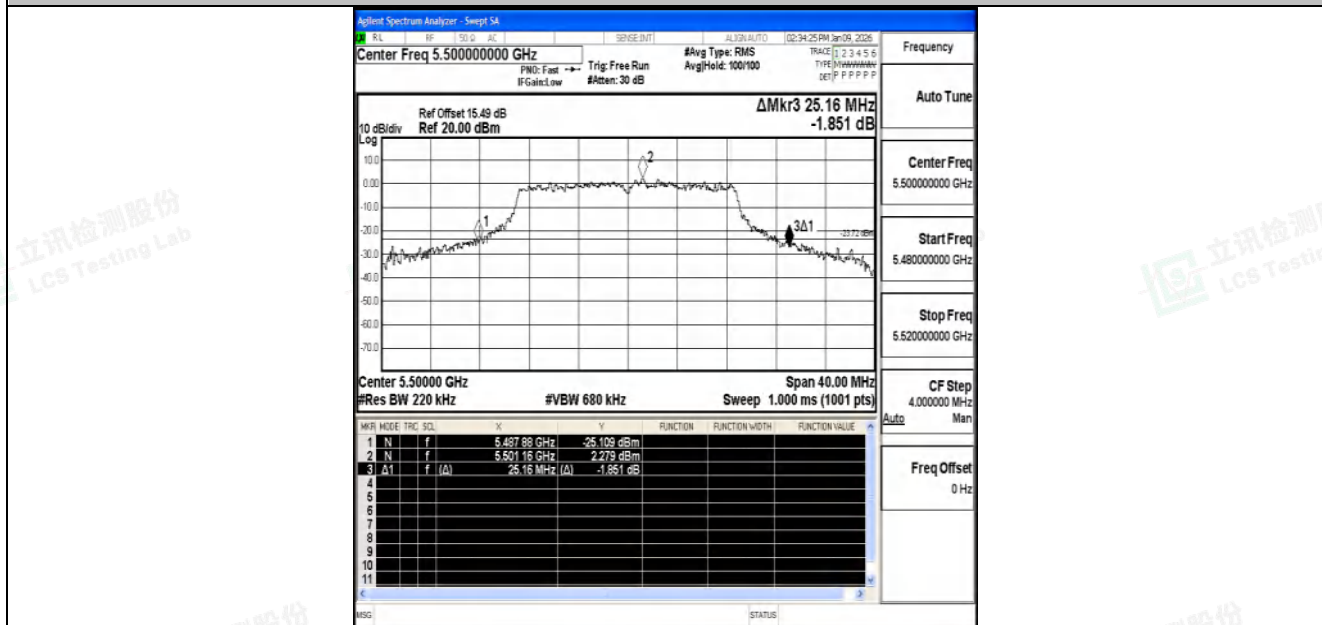
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11A-Ant2-5700



11N20ISO-Ant2-5500

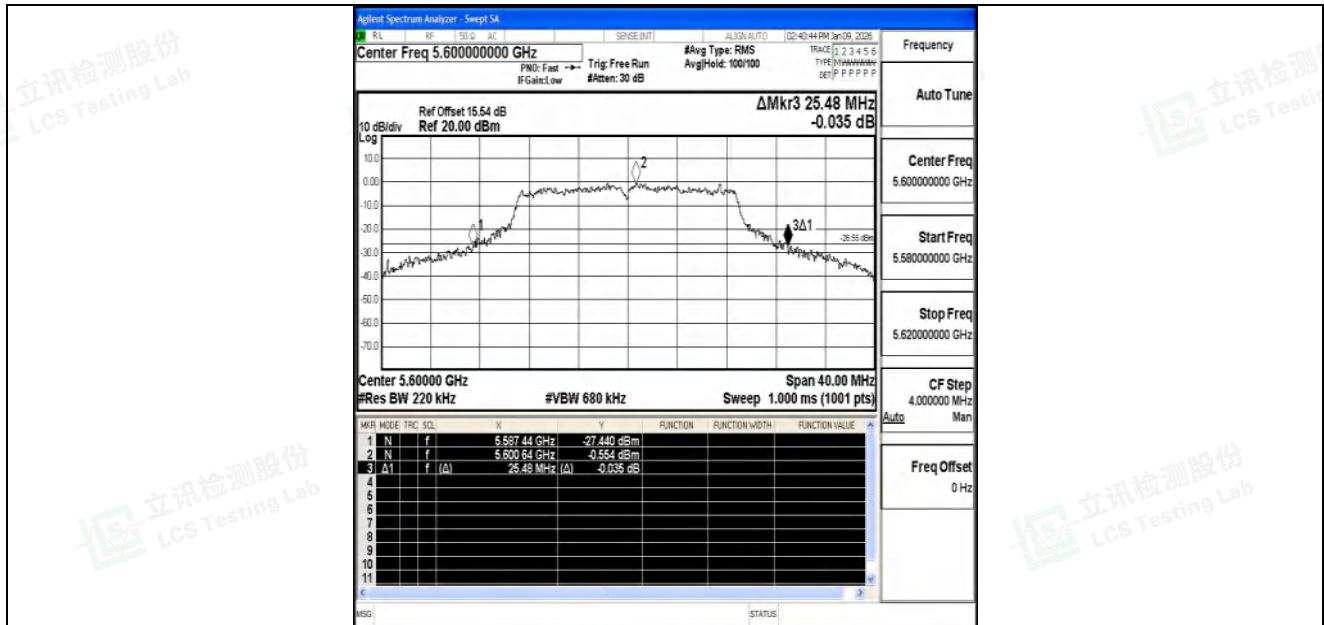


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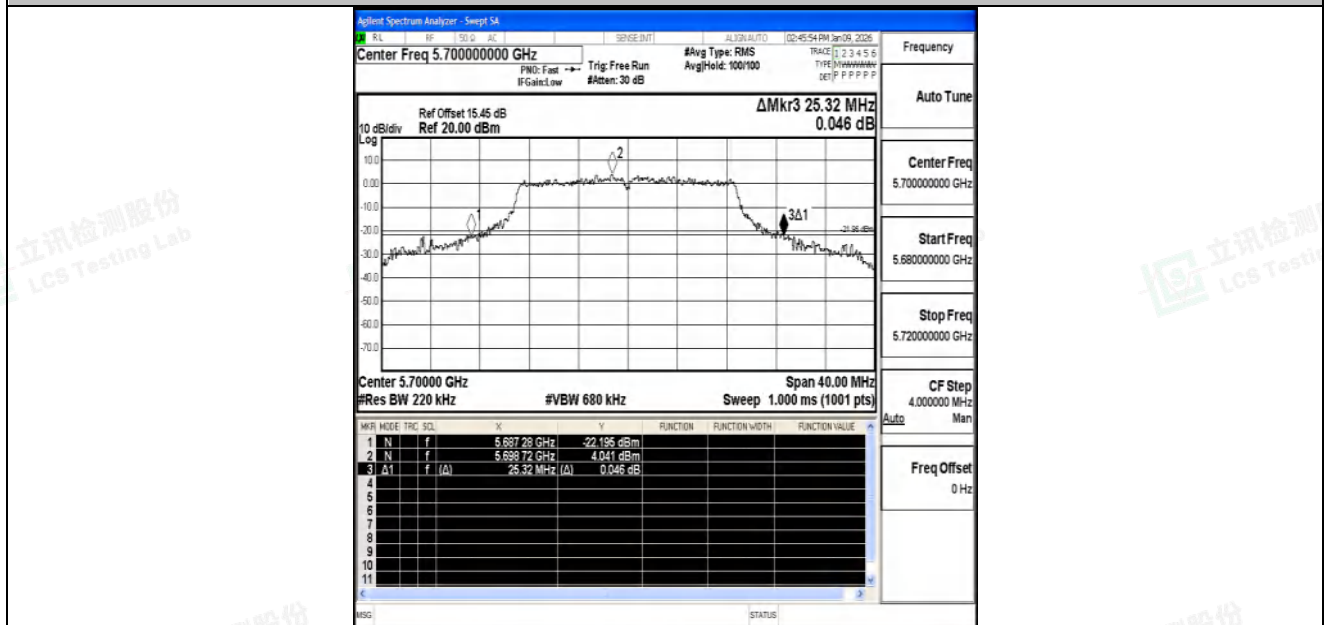
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11N20SISO-Ant2-5600



11N20SISO-Ant2-5700

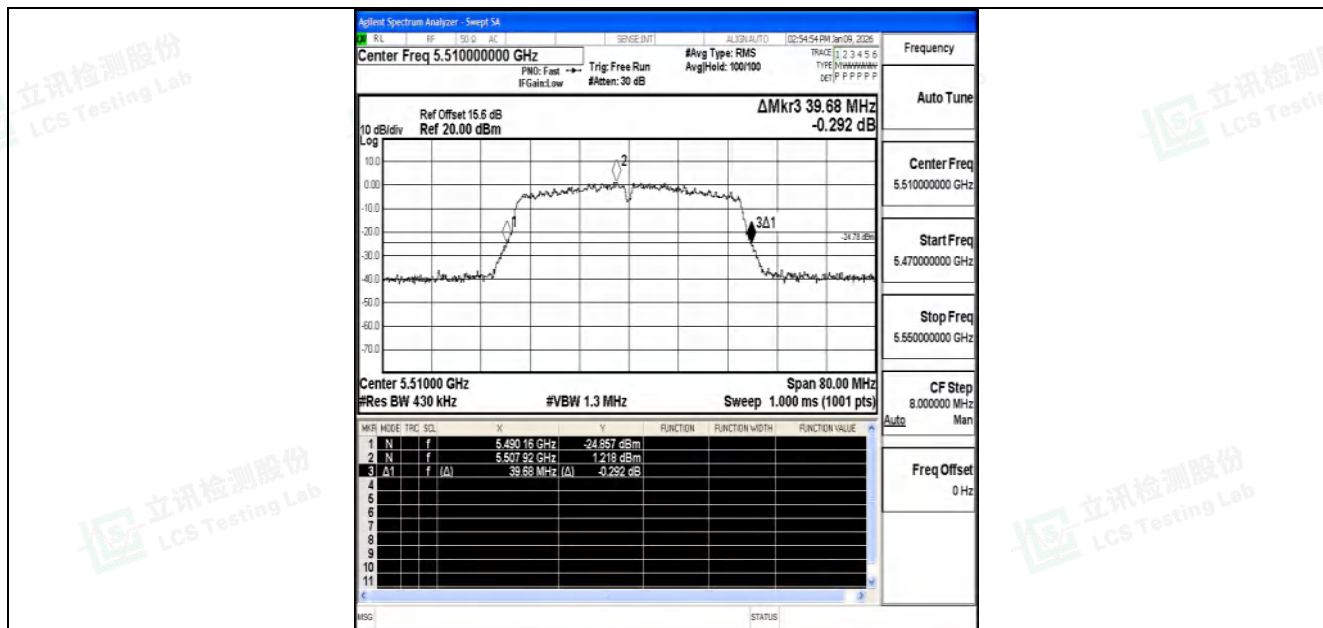


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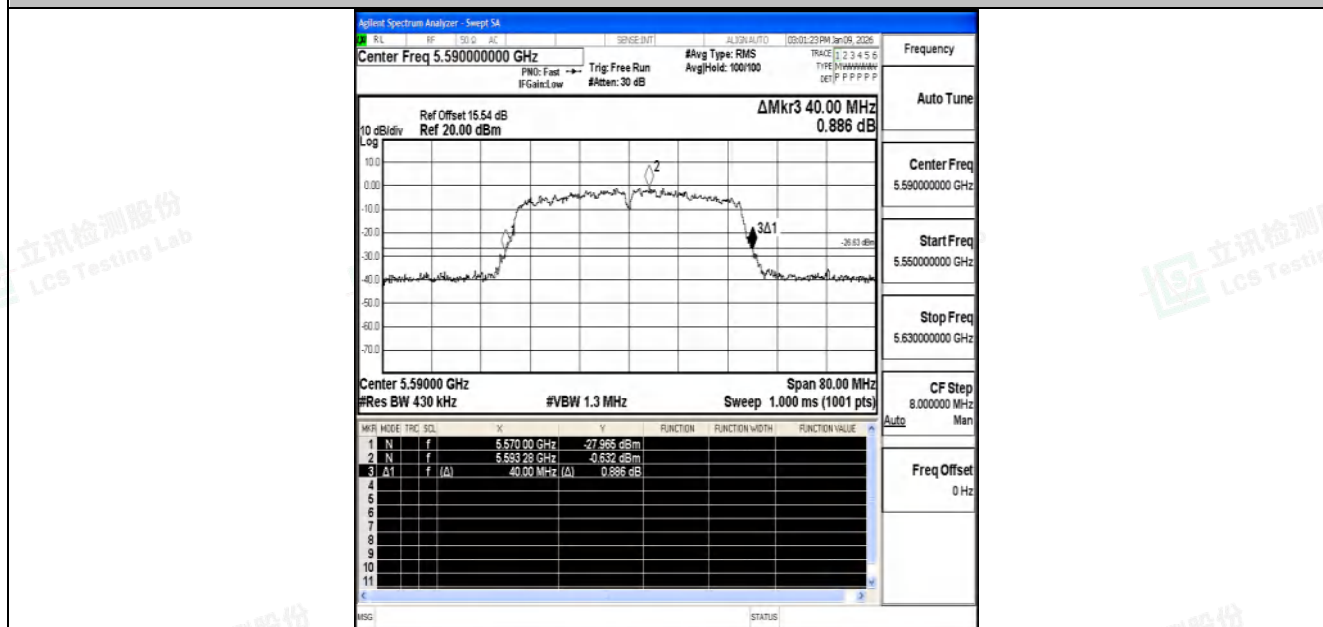
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11N40SISO-Ant2-5510



11N40SISO-Ant2-5590

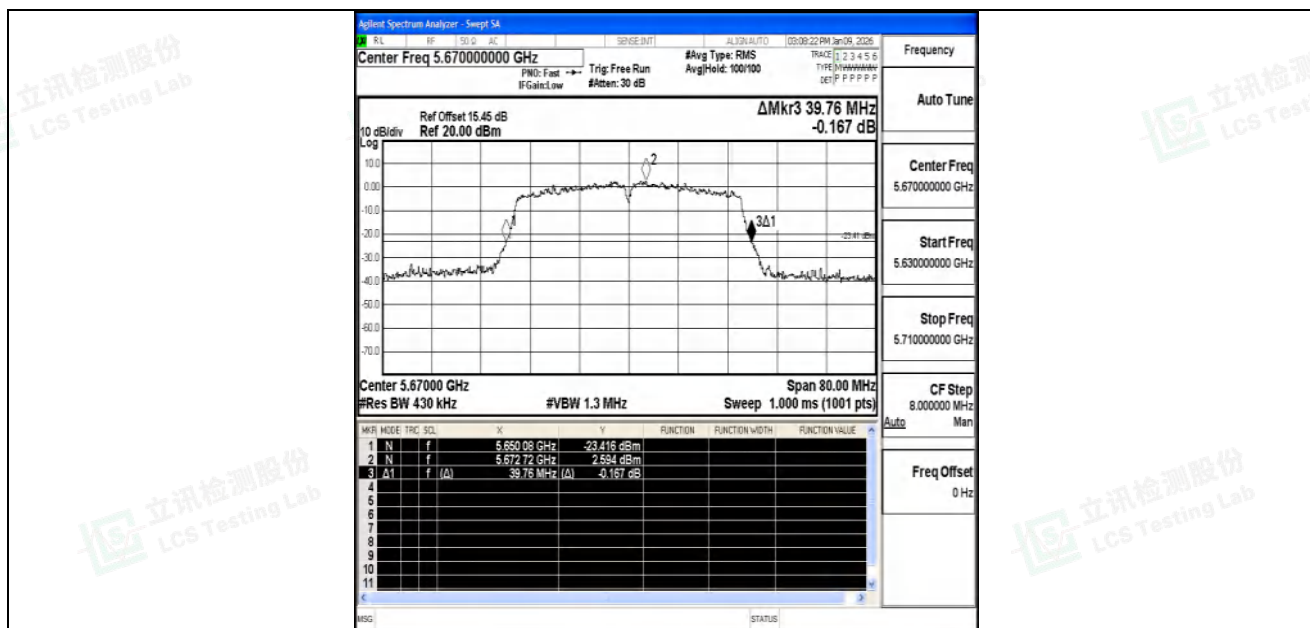


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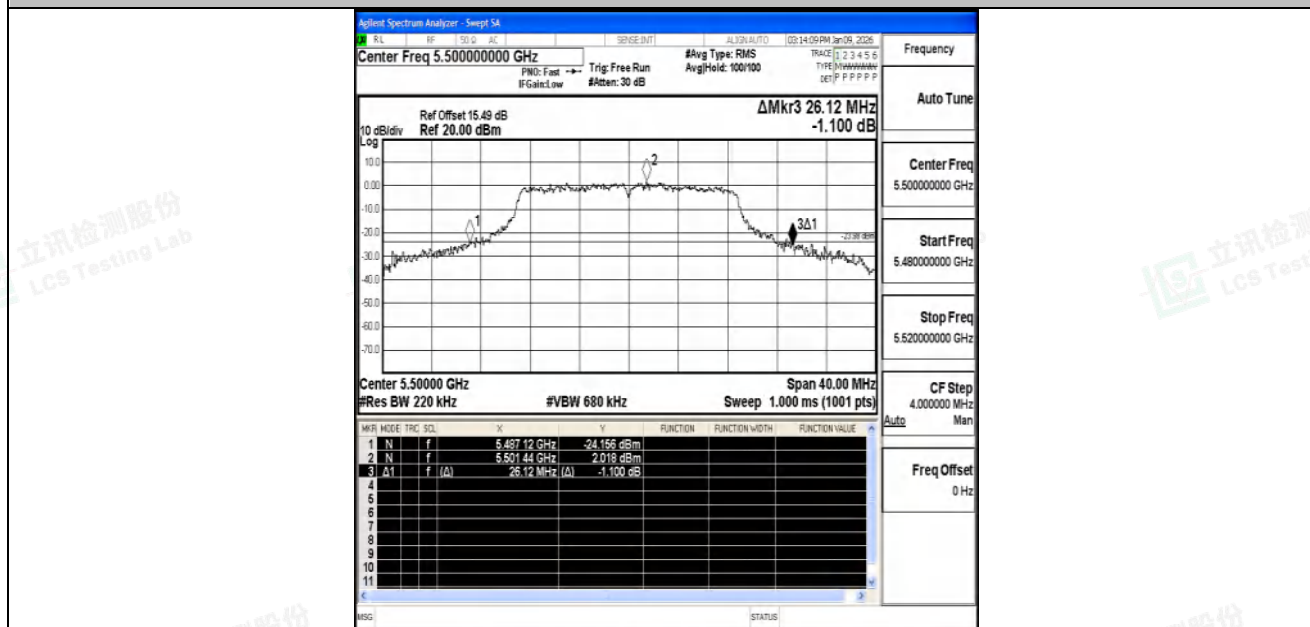
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11N40SISO-Ant2-5670



11AC20SISO-Ant2-5500

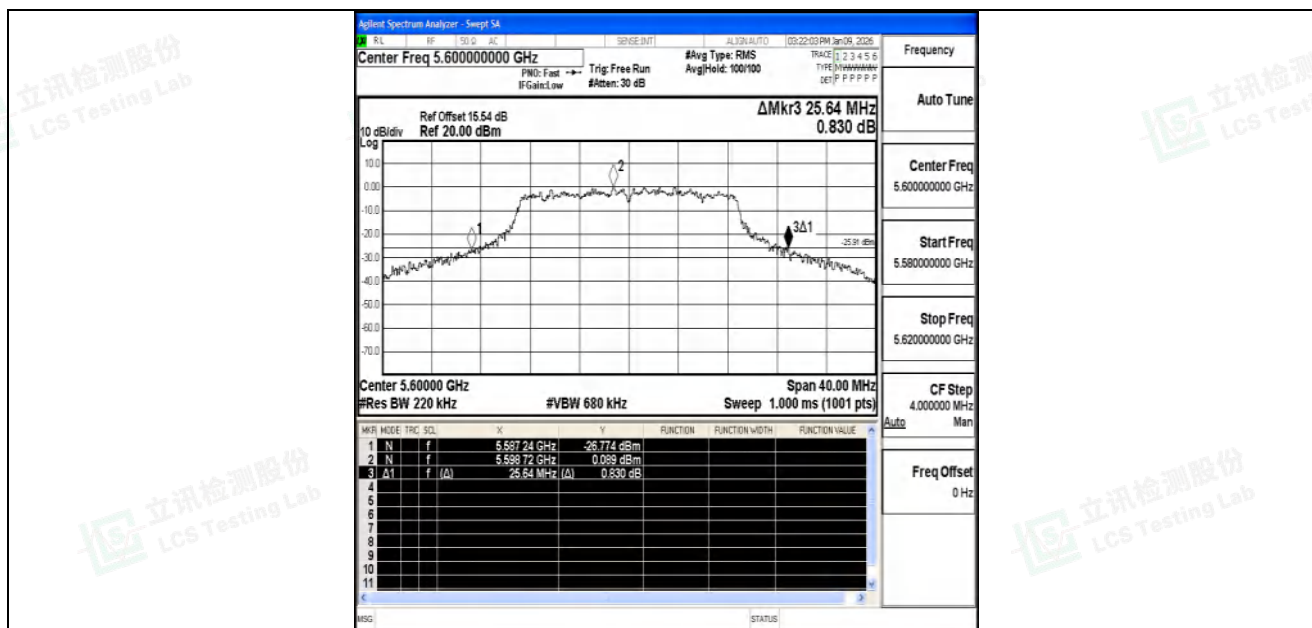


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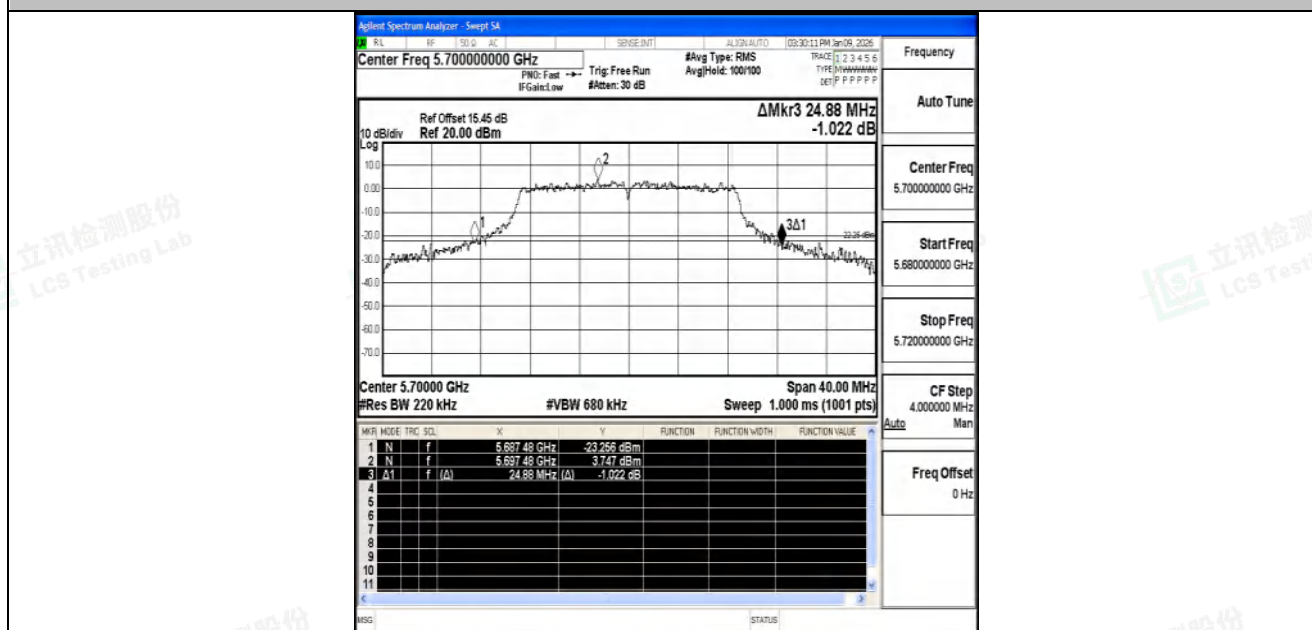
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11AC20SISO-Ant2-5600



11AC20SISO-Ant2-5700

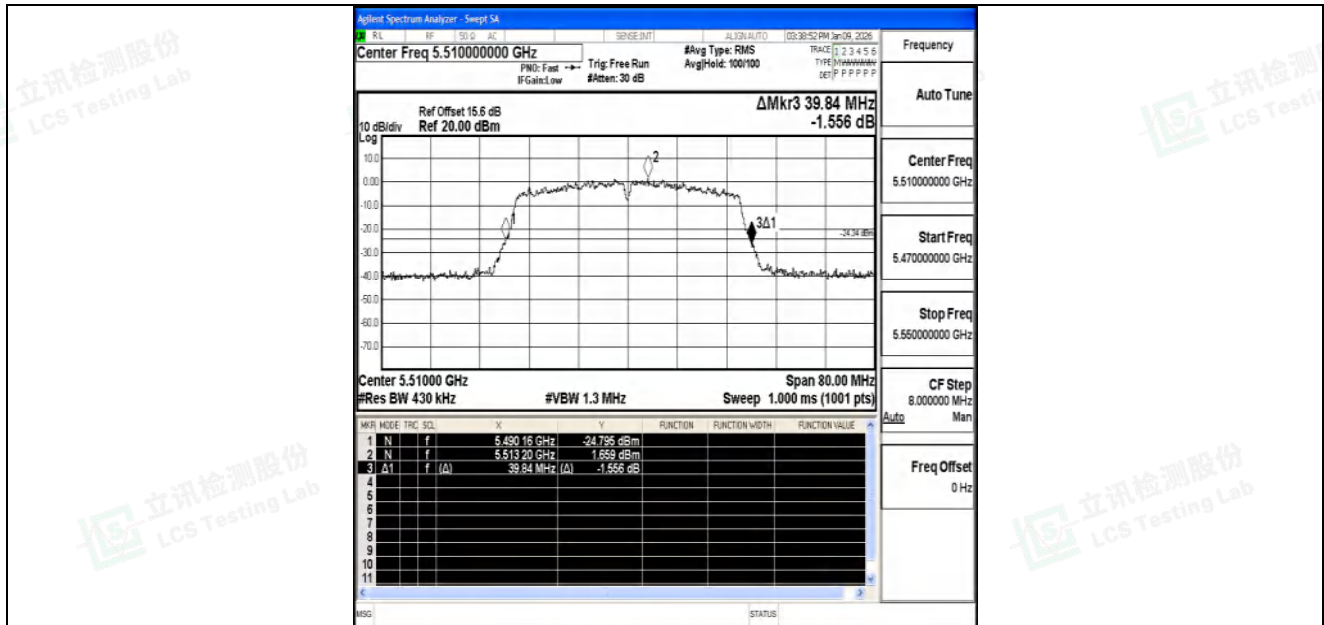


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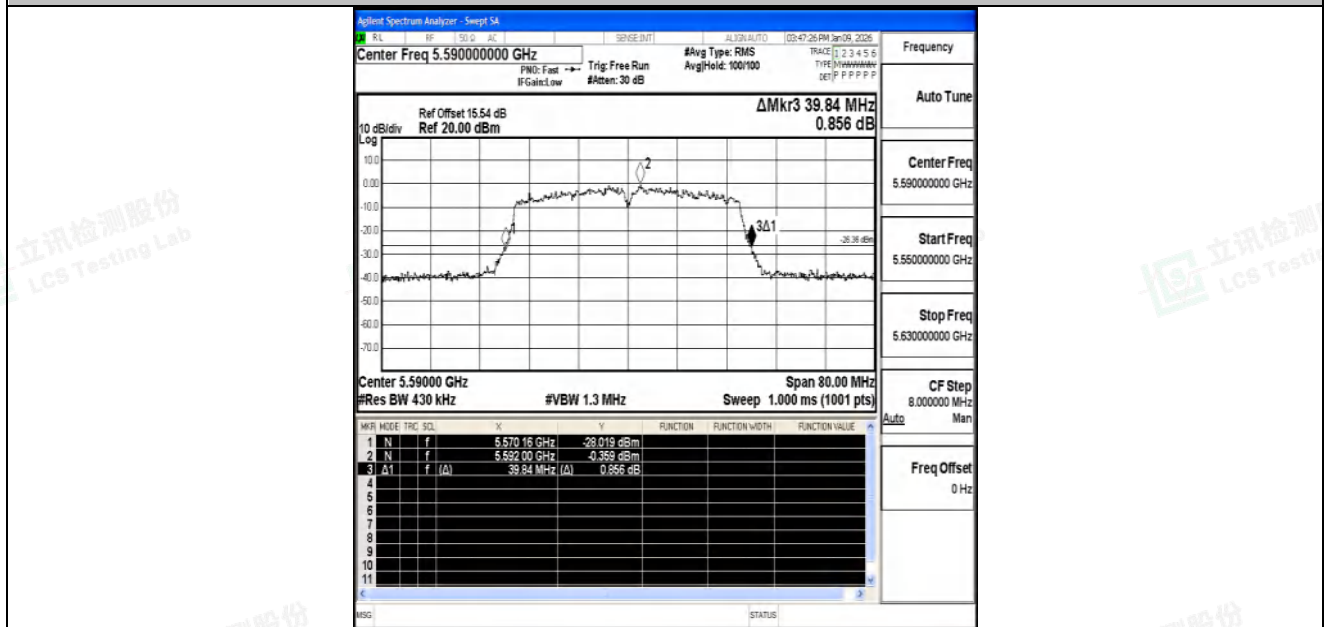
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11AC40SISO-Ant2-5510



11AC40SISO-Ant2-5590

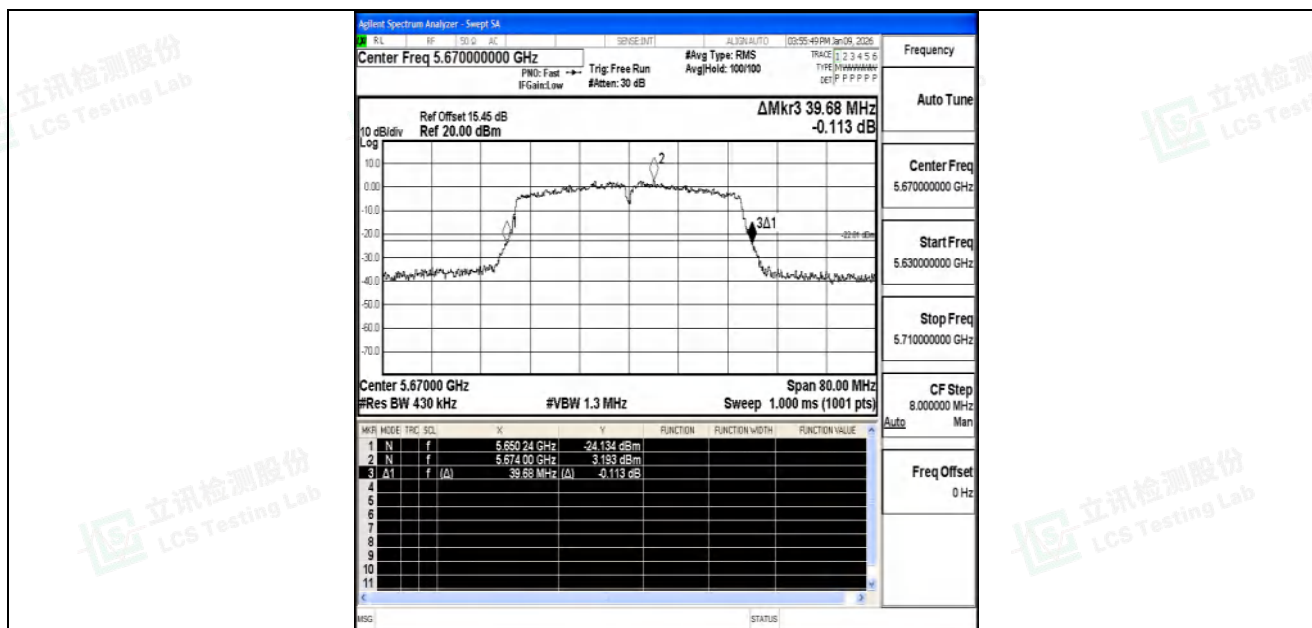


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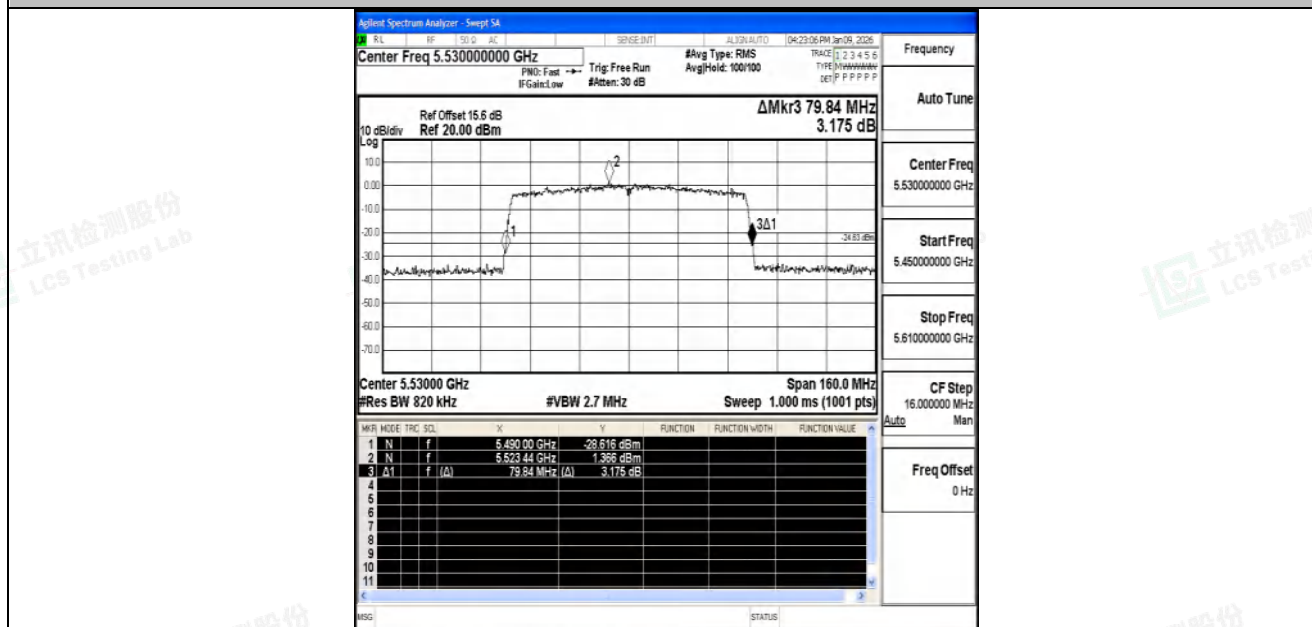
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11AC40SISO-Ant2-5670



11AC80SISO-Ant2-5530

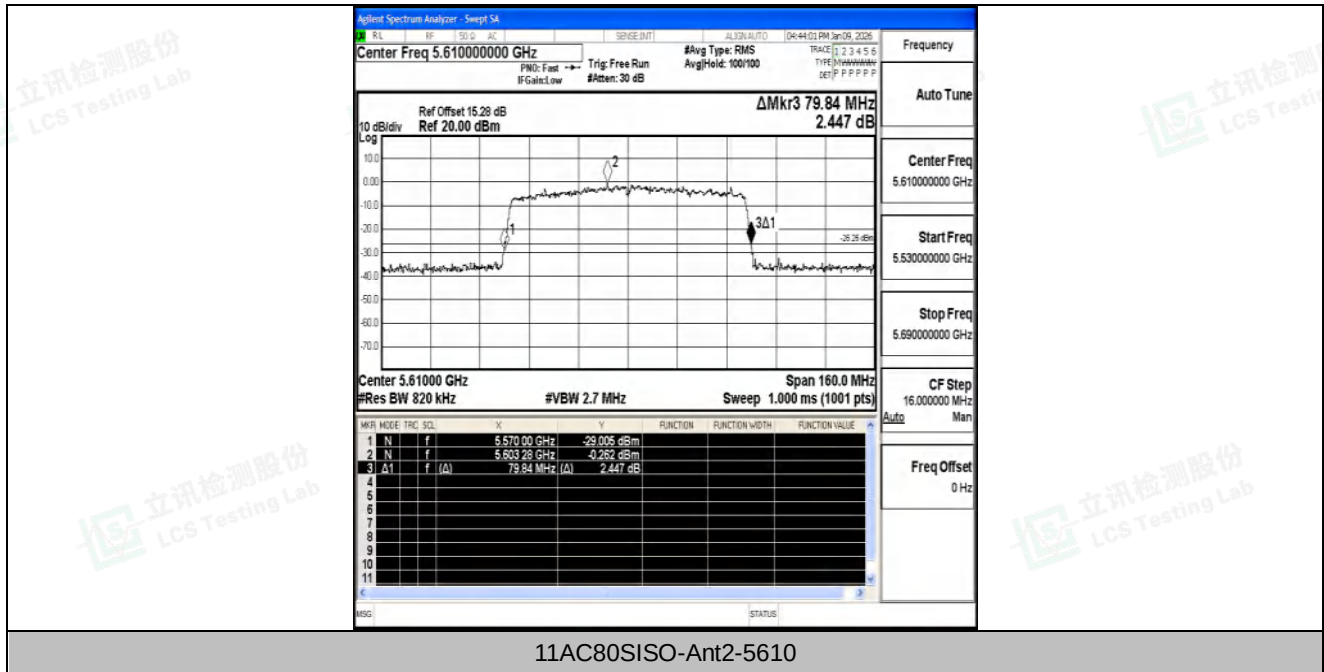


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F.2 Maximum Conducted Output Power

Condition	Mode	Frequency (MHz)	Antenna	Conducted Power (dBm)	Duty Factor (dB)	Total Power (dBm)	Limit (dBm)	Verdict
NVNT	a	5500	Ant1	12.25	1.64	13.89	24	Pass
NVNT	a	5580	Ant1	13.67	0.09	13.76	24	Pass
NVNT	a	5700	Ant1	13.48	0.09	13.57	24	Pass
NVNT	n20	5500	Ant1	12.45	0.13	12.58	24	Pass
NVNT	n20	5580	Ant1	12.13	0.13	12.26	24	Pass
NVNT	n20	5700	Ant1	13.4	0.1	13.50	24	Pass
NVNT	n40	5510	Ant1	12.5	0.2	12.70	24	Pass
NVNT	n40	5550	Ant1	12.01	0.26	12.27	24	Pass
NVNT	n40	5670	Ant1	11.99	0.26	12.25	24	Pass
NVNT	ac20	5500	Ant1	11.99	0.13	12.12	24	Pass
NVNT	ac20	5580	Ant1	12.63	0.19	12.82	24	Pass
NVNT	ac20	5700	Ant1	13.5	0.13	13.63	24	Pass
NVNT	ac40	5510	Ant1	11.67	0.26	11.93	24	Pass
NVNT	ac40	5550	Ant1	11.29	0.26	11.55	24	Pass
NVNT	ac40	5670	Ant1	11.88	0.26	12.14	24	Pass
NVNT	ac80	5530	Ant1	12.68	0.51	13.19	24	Pass
NVNT	ac80	5610	Ant1	12.69	0.51	13.20	24	Pass

Condition	Mode	Frequency (MHz)	Antenna	Conducted Power (dBm)	Duty Factor (dB)	Total Power (dBm)	Limit (dBm)	Verdict
NVNT	a	5500	Ant2	11.5	0.09	11.59	24	Pass
NVNT	a	5580	Ant2	12.43	0.12	12.55	24	Pass
NVNT	a	5700	Ant2	12.03	0.09	12.12	24	Pass
NVNT	n20	5500	Ant2	11.67	0.13	11.80	24	Pass
NVNT	n20	5580	Ant2	12.75	0.1	12.85	24	Pass
NVNT	n20	5700	Ant2	12.07	0.1	12.17	24	Pass
NVNT	n40	5510	Ant2	11.35	0.26	11.61	24	Pass
NVNT	n40	5550	Ant2	11.21	0.2	11.41	24	Pass
NVNT	n40	5670	Ant2	11.77	0.26	12.03	24	Pass
NVNT	ac20	5500	Ant2	11.48	0.1	11.58	24	Pass
NVNT	ac20	5580	Ant2	12.61	0.13	12.74	24	Pass
NVNT	ac20	5700	Ant2	12.28	0.13	12.41	24	Pass
NVNT	ac40	5510	Ant2	12.68	0.26	12.94	24	Pass
NVNT	ac40	5550	Ant2	12.31	0.26	12.57	24	Pass
NVNT	ac40	5670	Ant2	12.12	0.26	12.38	24	Pass
NVNT	ac80	5530	Ant2	13.21	0.51	13.72	24	Pass
NVNT	ac80	5610	Ant2	13.06	0.51	13.57	24	Pass



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**MIMO**

Condition	Mode	Frequency (MHz)	Total Power (dBm)			Limit (dBm)	Verdict
			Ant1	Ant2	Ant1+Ant2		
NVNT	n20	5500	12.58	11.80	15.22	24	Pass
NVNT	n20	5580	12.26	12.85	15.58	24	Pass
NVNT	n20	5700	13.50	12.17	15.90	24	Pass
NVNT	n40	5510	12.70	11.61	15.20	24	Pass
NVNT	n40	5550	12.27	11.41	14.87	24	Pass
NVNT	n40	5670	12.25	12.03	15.15	24	Pass
NVNT	ac20	5500	12.12	11.58	14.87	24	Pass
NVNT	ac20	5580	12.82	12.74	15.79	24	Pass
NVNT	ac20	5700	13.63	12.41	16.07	24	Pass
NVNT	ac40	5510	11.93	12.94	15.47	24	Pass
NVNT	ac40	5550	11.55	12.57	15.10	24	Pass
NVNT	ac40	5670	12.14	12.38	15.27	24	Pass
NVNT	ac80	5530	13.19	13.72	16.47	24	Pass
NVNT	ac80	5610	13.20	13.57	16.40	24	Pass



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F.3 Maximum Power Spectral Density Level

Condition	Mode	Frequency (MHz)	Antenna	Conducted PSD (dBm/MHz)	Duty Factor (dB)	Total PSD (dBm/MHz)	Limit (dBm/MHz)	Verdict
NVNT	a	5500	Ant1	0.15	1.64	1.79	11	Pass
NVNT	a	5580	Ant1	-0.19	0.09	-0.1	11	Pass
NVNT	a	5700	Ant1	3.32	0.09	3.41	11	Pass
NVNT	n20	5500	Ant1	1.11	0.13	1.24	11	Pass
NVNT	n20	5580	Ant1	-0.47	0.13	-0.34	11	Pass
NVNT	n20	5700	Ant1	2.9	0.1	3	11	Pass
NVNT	n40	5510	Ant1	-2.21	0.2	-2.01	11	Pass
NVNT	n40	5550	Ant1	-4.64	0.26	-4.38	11	Pass
NVNT	n40	5670	Ant1	-0.57	0.26	-0.31	11	Pass
NVNT	ac20	5500	Ant1	1.58	0.13	1.71	11	Pass
NVNT	ac20	5580	Ant1	-0.19	0.19	0	11	Pass
NVNT	ac20	5700	Ant1	3.02	0.13	3.15	11	Pass
NVNT	ac40	5510	Ant1	-1.74	0.26	-1.48	11	Pass
NVNT	ac40	5550	Ant1	-3.85	0.26	-3.59	11	Pass
NVNT	ac40	5670	Ant1	-0.75	0.26	-0.49	11	Pass
NVNT	ac80	5530	Ant1	-5.99	0.51	-5.48	11	Pass
NVNT	ac80	5610	Ant1	-7.93	0.51	-7.42	11	Pass

Condition	Mode	Frequency (MHz)	Antenna	Conducted PSD (dBm/MHz)	Duty Factor (dB)	Total PSD (dBm/MHz)	Limit (dBm/MHz)	Verdict
NVNT	a	5500	Ant2	1.38	0.09	1.47	11	Pass
NVNT	a	5580	Ant2	-0.21	0.12	-0.09	11	Pass
NVNT	a	5700	Ant2	2.69	0.09	2.78	11	Pass
NVNT	n20	5500	Ant2	1.52	0.13	1.65	11	Pass
NVNT	n20	5580	Ant2	-0.53	0.1	-0.43	11	Pass
NVNT	n20	5700	Ant2	2.46	0.1	2.56	11	Pass
NVNT	n40	5510	Ant2	-2.19	0.26	-1.93	11	Pass
NVNT	n40	5550	Ant2	-4.4	0.2	-4.2	11	Pass
NVNT	n40	5670	Ant2	-0.76	0.26	-0.5	11	Pass
NVNT	ac20	5500	Ant2	1.54	0.1	1.64	11	Pass
NVNT	ac20	5580	Ant2	-0.84	0.13	-0.71	11	Pass
NVNT	ac20	5700	Ant2	3	0.13	3.13	11	Pass
NVNT	ac40	5510	Ant2	-1.8	0.26	-1.54	11	Pass
NVNT	ac40	5550	Ant2	-4.21	0.26	-3.95	11	Pass
NVNT	ac40	5670	Ant2	-0.46	0.26	-0.2	11	Pass
NVNT	ac80	5530	Ant2	-5.94	0.51	-5.43	11	Pass
NVNT	ac80	5610	Ant2	-7.88	0.51	-7.37	11	Pass



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**MIMO**

Condition	Mode	Frequency (MHz)	Total PSD (dBm/MHz)			Limit (dBm/MHz)	Verdict
			Ant1	Ant2	Ant1+Ant2		
NVNT	n20	5500	1.24	1.65	4.46	9.96	Pass
NVNT	n20	5580	-0.34	-0.43	2.63	9.96	Pass
NVNT	n20	5700	3	2.56	5.80	9.96	Pass
NVNT	n40	5510	-2.01	-1.93	1.04	9.96	Pass
NVNT	n40	5550	-4.38	-4.2	-1.28	9.96	Pass
NVNT	n40	5670	-0.31	-0.5	2.61	9.96	Pass
NVNT	ac20	5500	1.71	1.64	4.69	9.96	Pass
NVNT	ac20	5580	0	-0.71	2.67	9.96	Pass
NVNT	ac20	5700	3.15	3.13	6.15	9.96	Pass
NVNT	ac40	5510	-1.48	-1.54	1.50	9.96	Pass
NVNT	ac40	5550	-3.59	-3.95	-0.76	9.96	Pass
NVNT	ac40	5670	-0.49	-0.2	2.67	9.96	Pass
NVNT	ac80	5530	-5.48	-5.43	-2.44	9.96	Pass
NVNT	ac80	5610	-7.42	-7.37	-4.38	9.96	Pass



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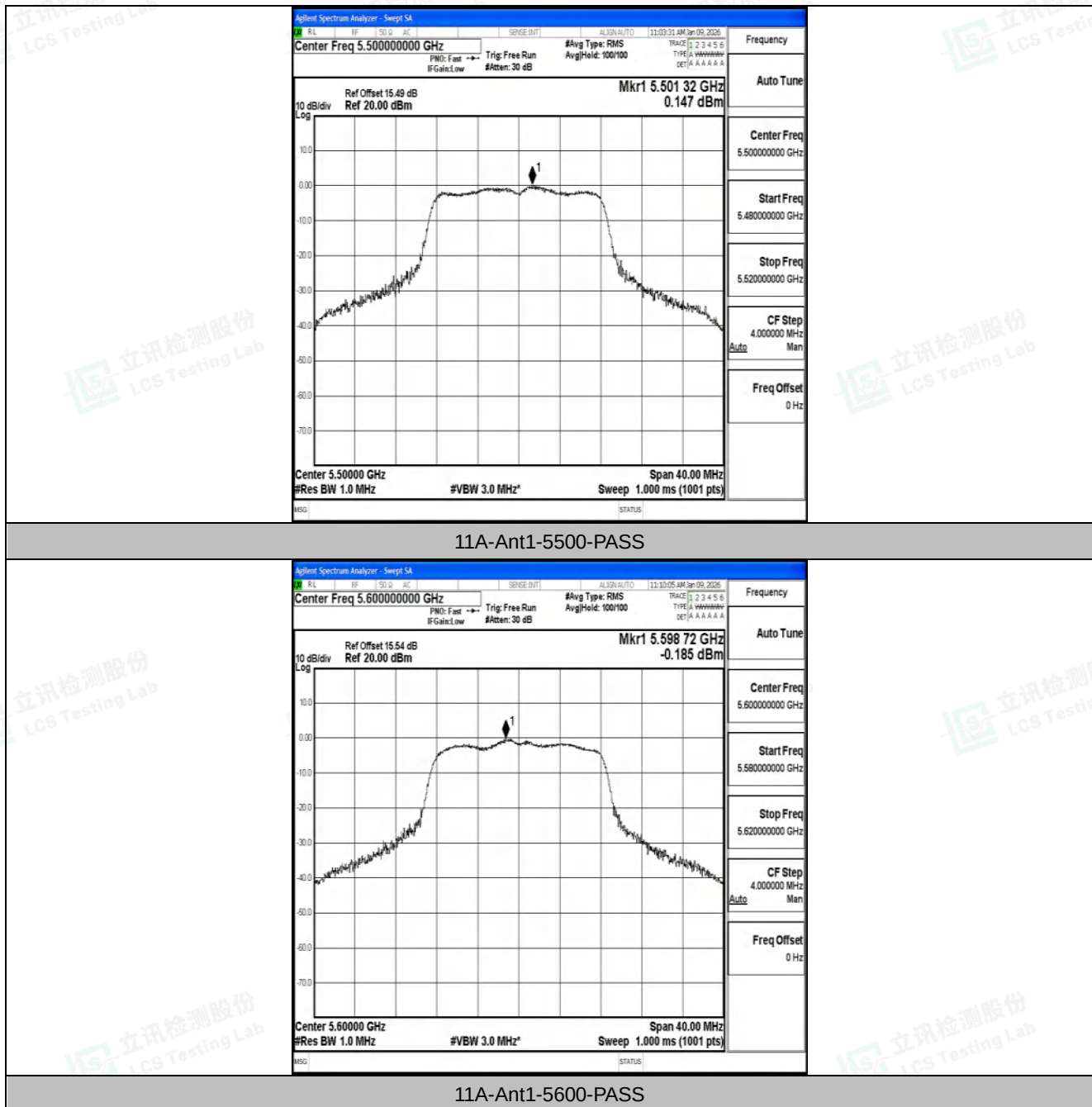
Add: 101, 201 Bldg A & 301 Bldg C, Juji Industrial Park Yabianxueziwei, Shajing Street, Baoan District, Shenzhen, 518000, China

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Test Graphs

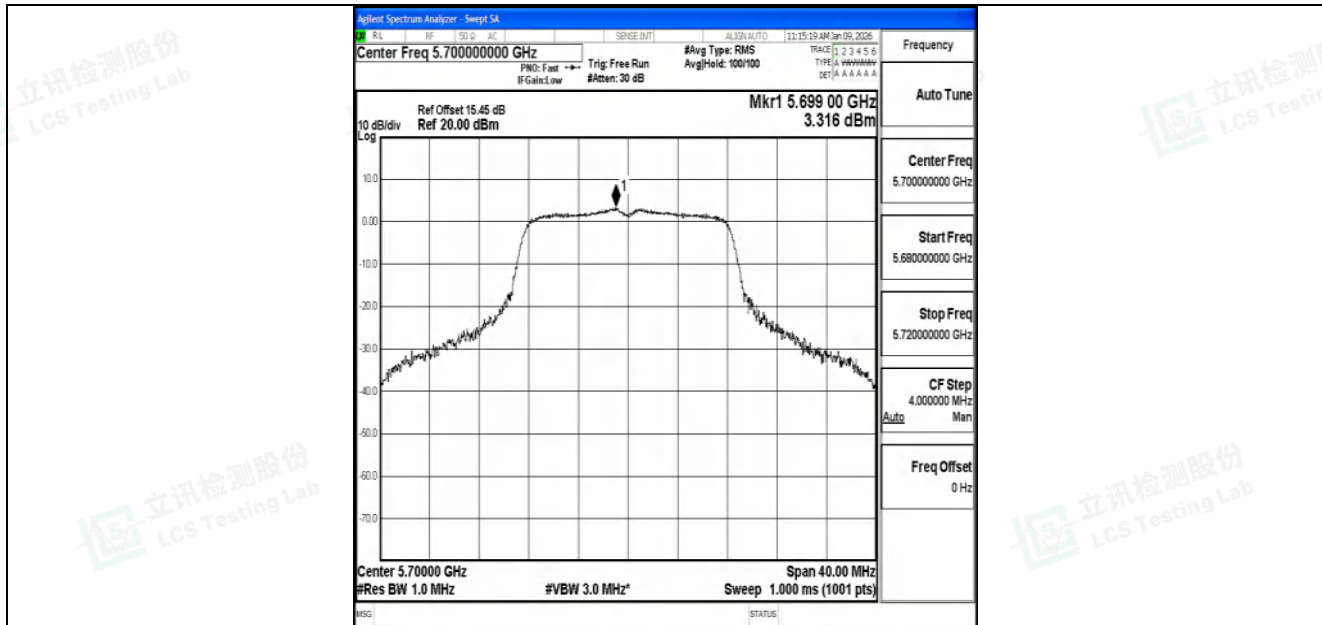


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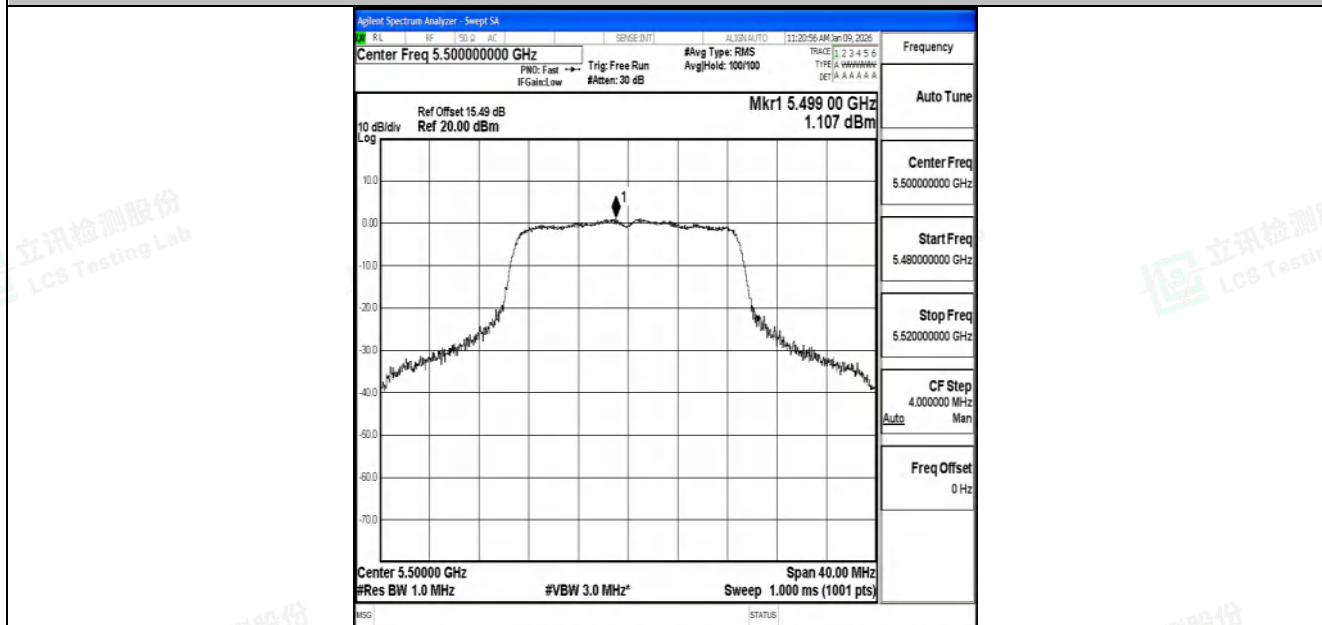
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11A-Ant1-5700-PASS



11N20SISO-Ant1-5500-PASS

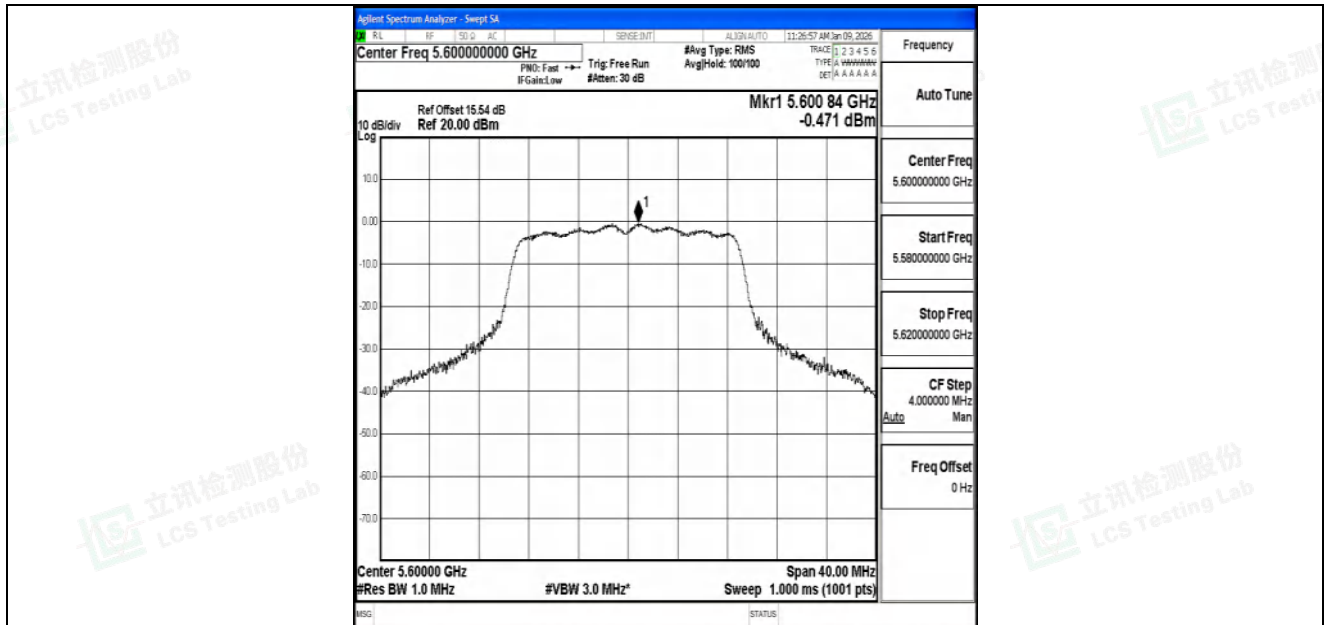


Shenzhen LCS Compliance Testing Laboratory Ltd.

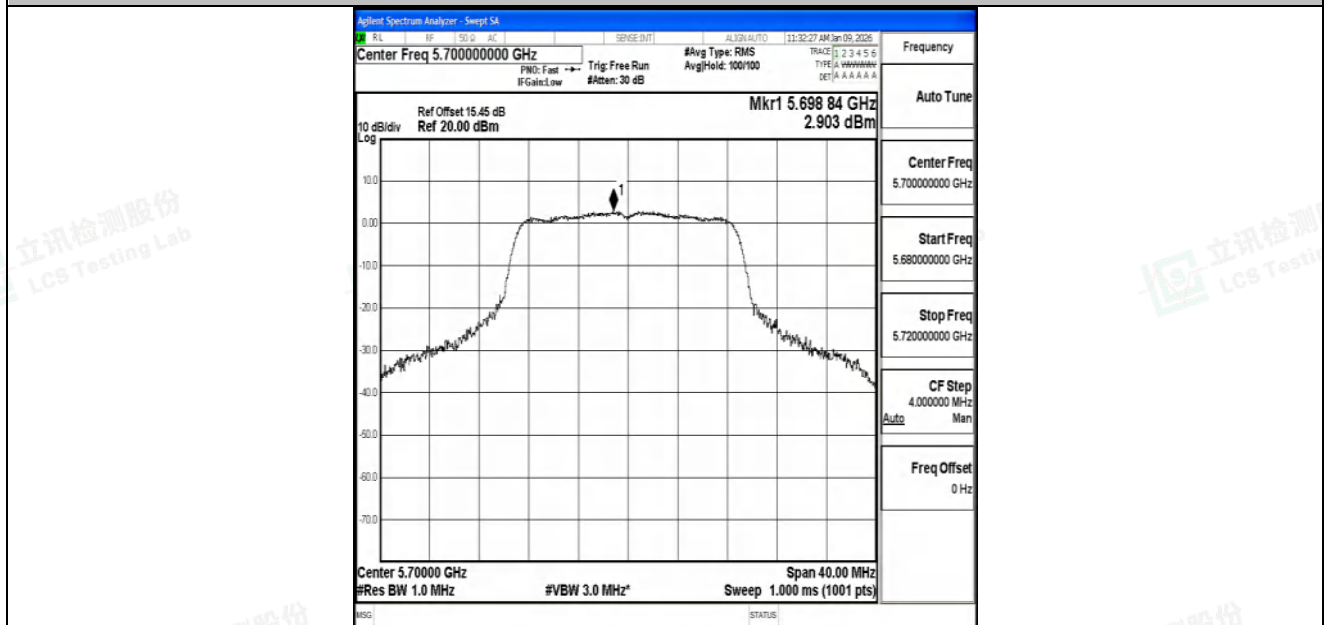
Add: 101, 201 Bldg A & 301 Bldg C, Juji Industrial Park Yabianxueziwei, Shajing Street, Baoan District, Shenzhen, 518000, China

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11N20SISO-Ant1-5600-PASS



11N20SISO-Ant1-5700-PASS

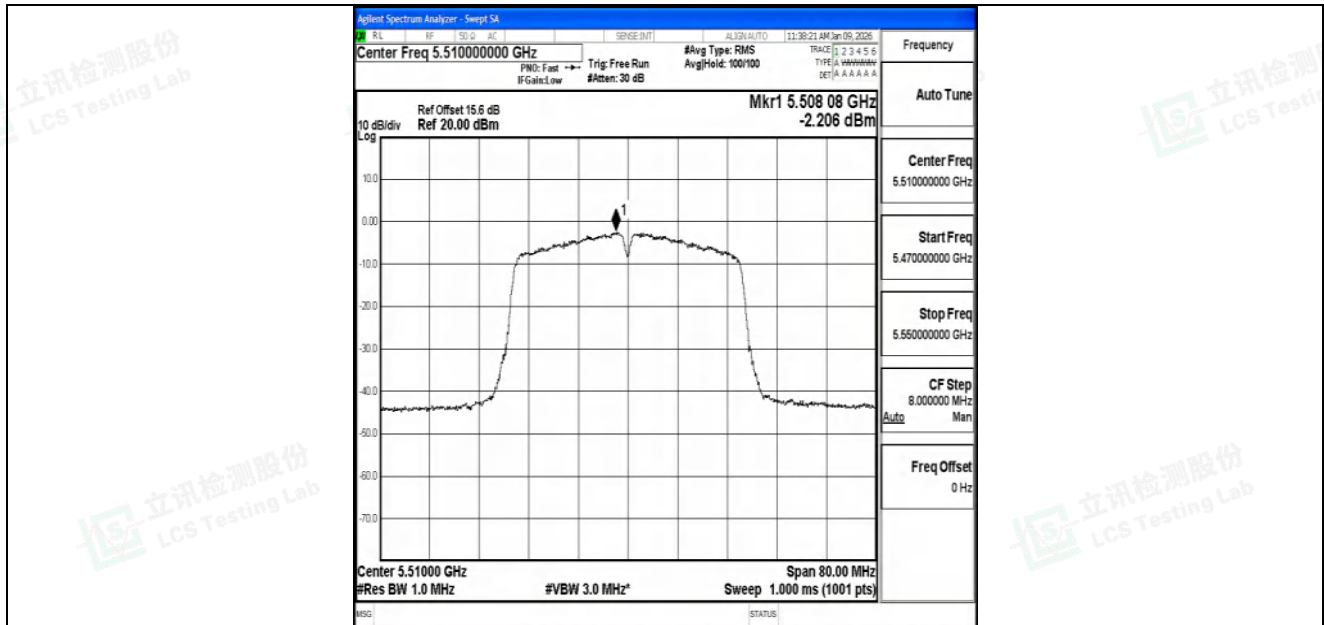


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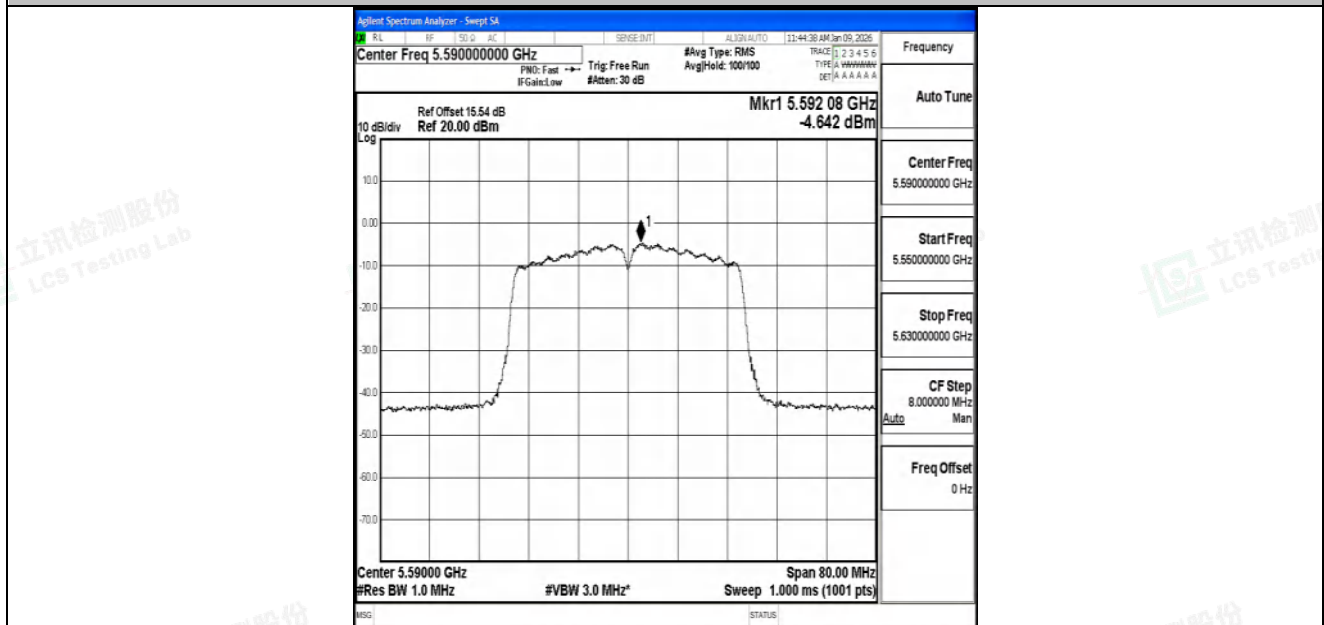
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11N40SISO-Ant1-5510-PASS



11N40SISO-Ant1-5590-PASS

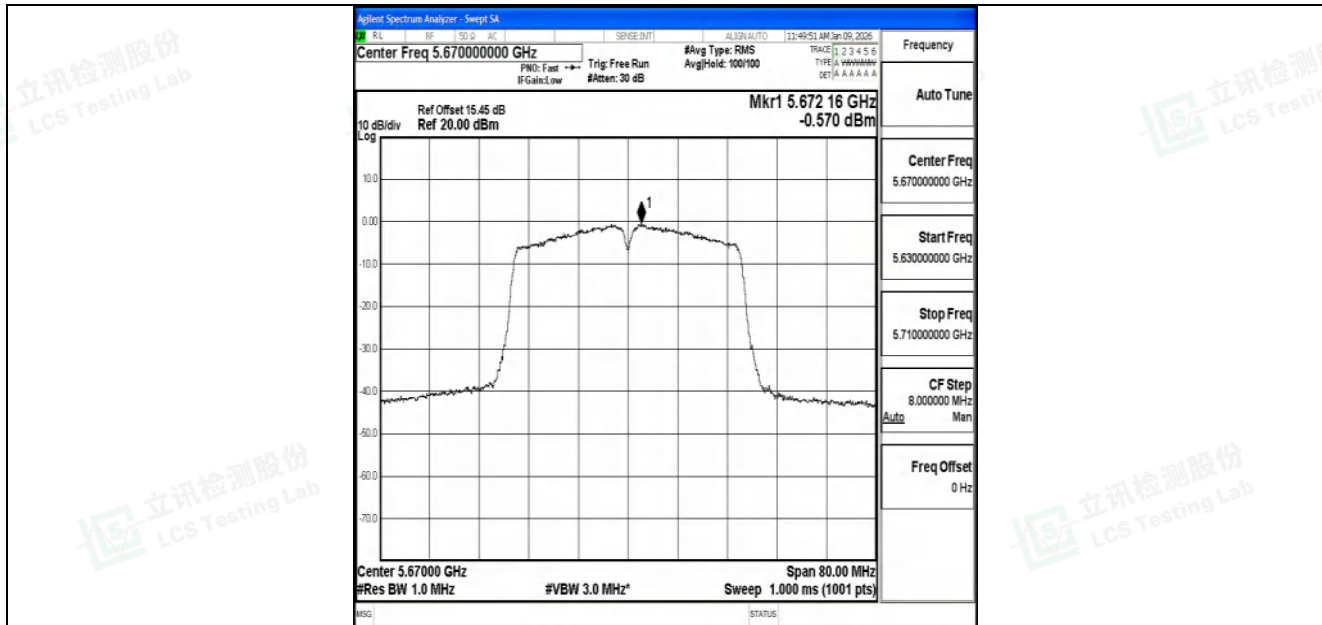


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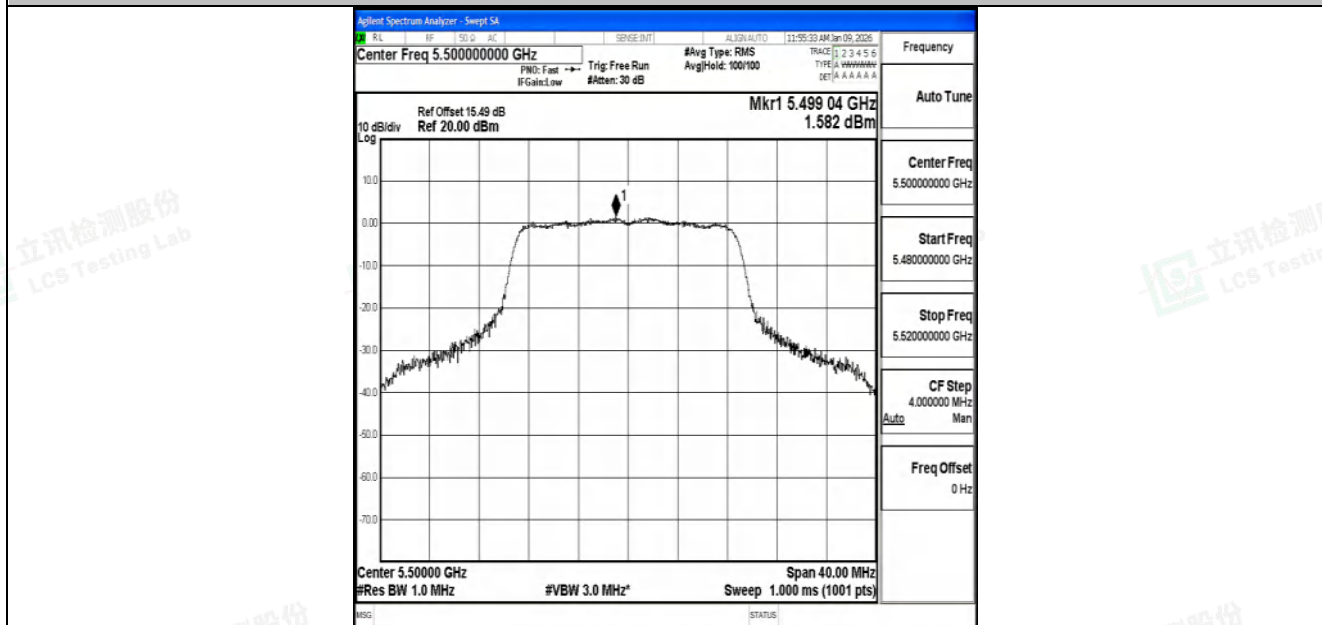
Add: 101, 201 Bldg A & 301 Bldg C, Juji Industrial Park Yabianxueziwei, Shajing Street, Baoan District, Shenzhen, 518000, China

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11N40SISO-Ant1-5670-PASS



11AC20SISO-Ant1-5500-PASS

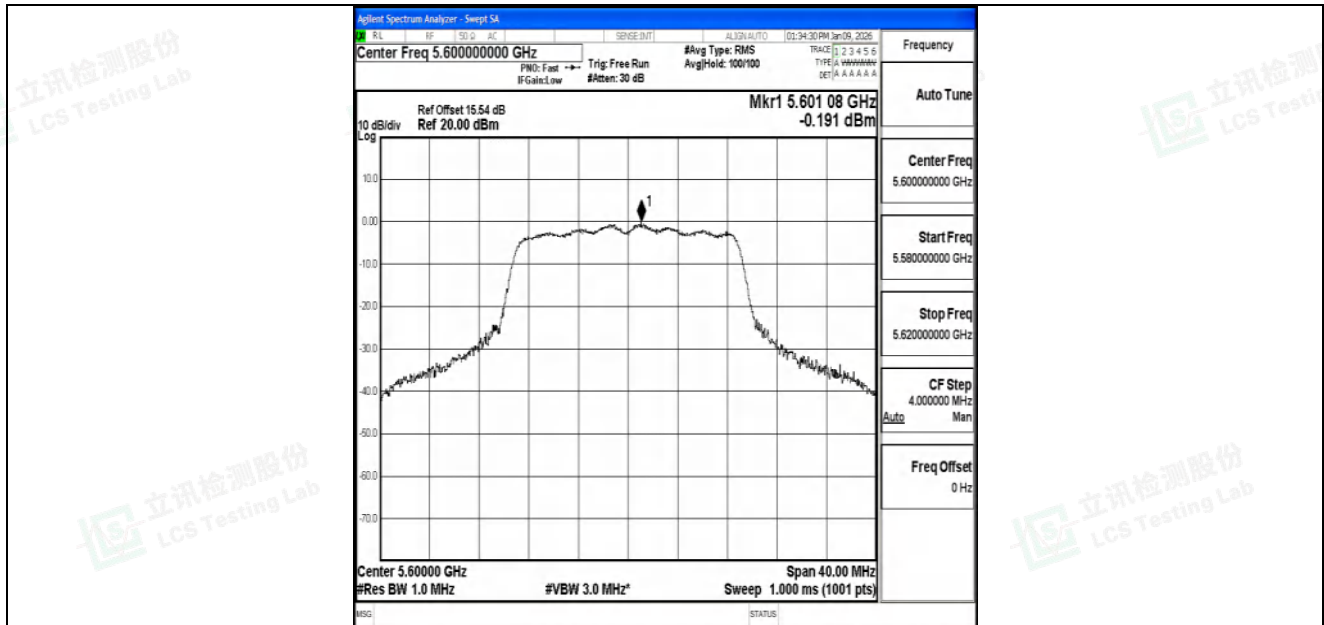


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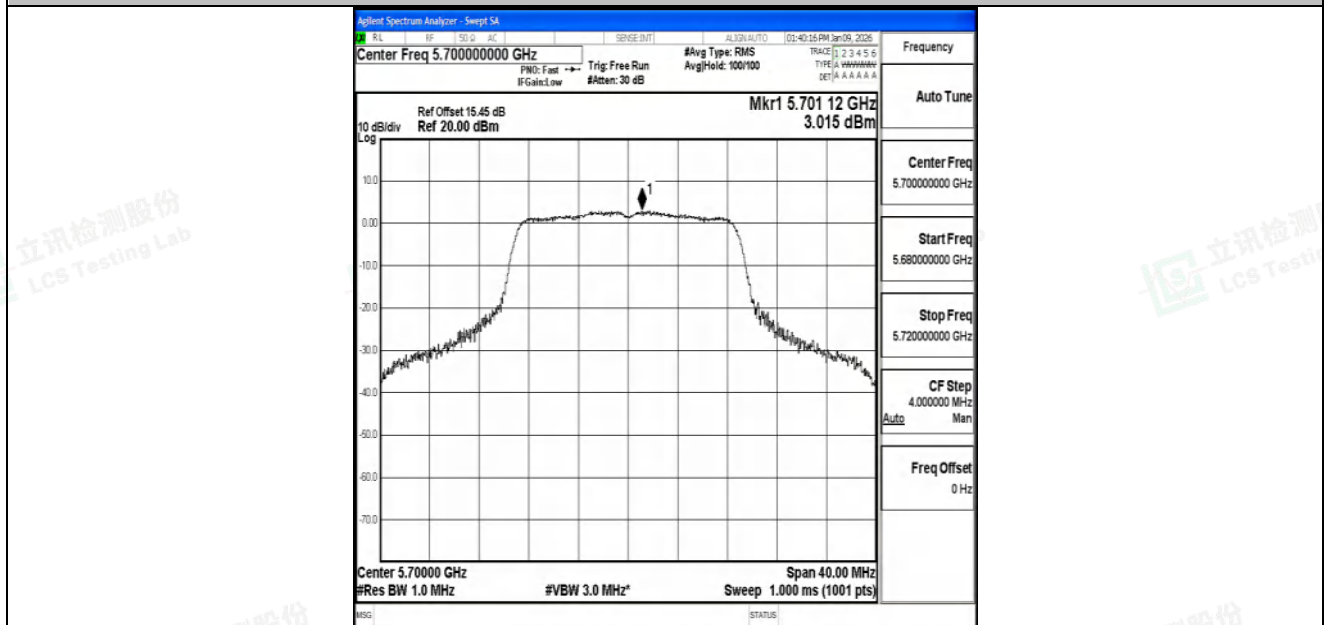
Add: 101, 201 Bldg A & 301 Bldg C, Juji Industrial Park Yabianxueziwei, Shajing Street, Baoan District, Shenzhen, 518000, China

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11AC20SISO-Ant1-5600-PASS



11AC20SISO-Ant1-5700-PASS

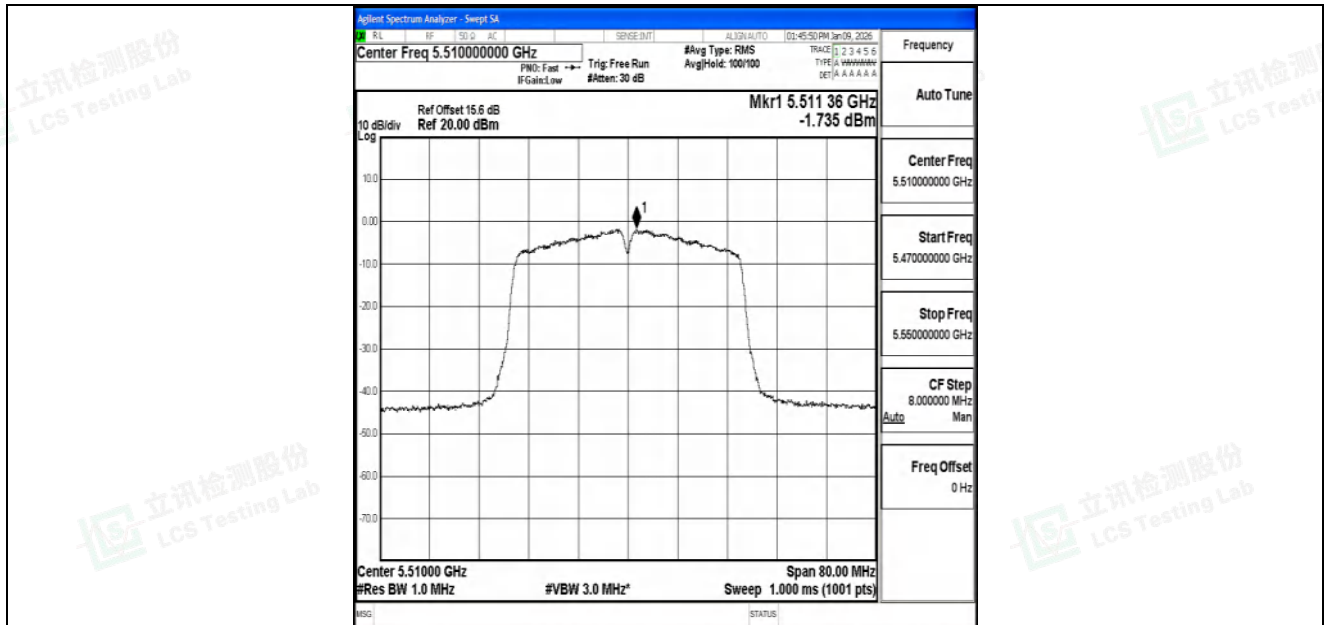


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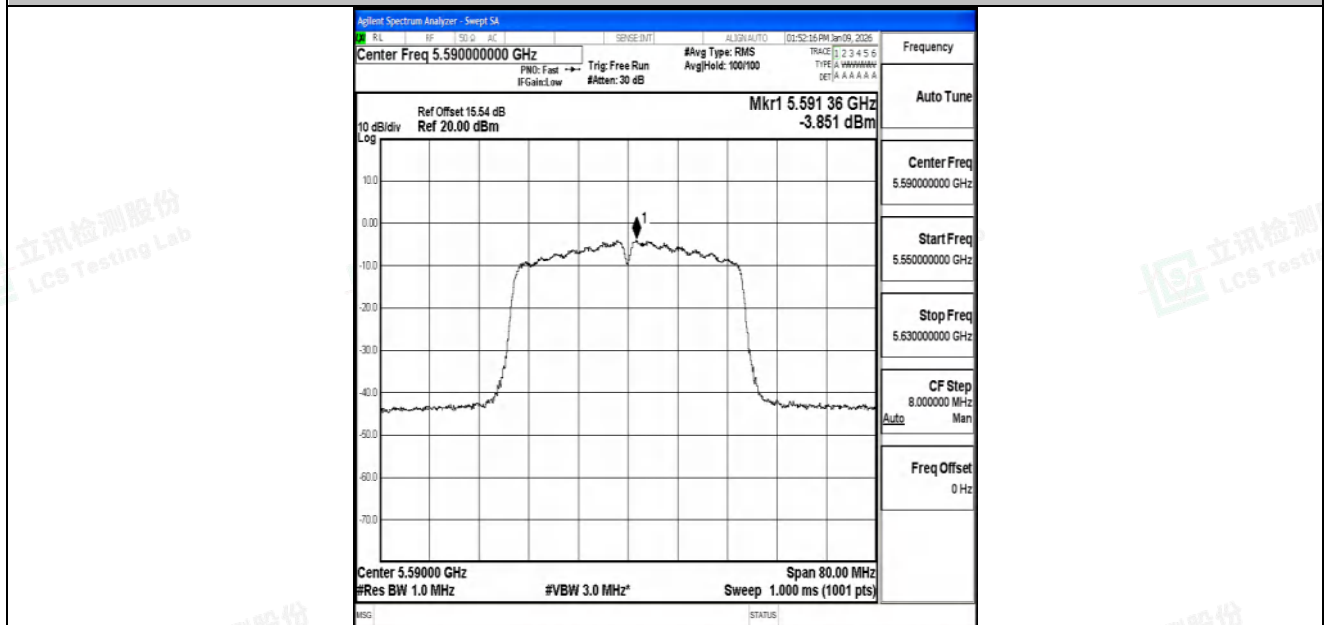
Add: 101, 201 Bldg A & 301 Bldg C, Juji Industrial Park Yabianxueziwei, Shajing Street, Baoan District, Shenzhen, 518000, China

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11AC40SISO-Ant1-5510-PASS



11AC40SISO-Ant1-5590-PASS

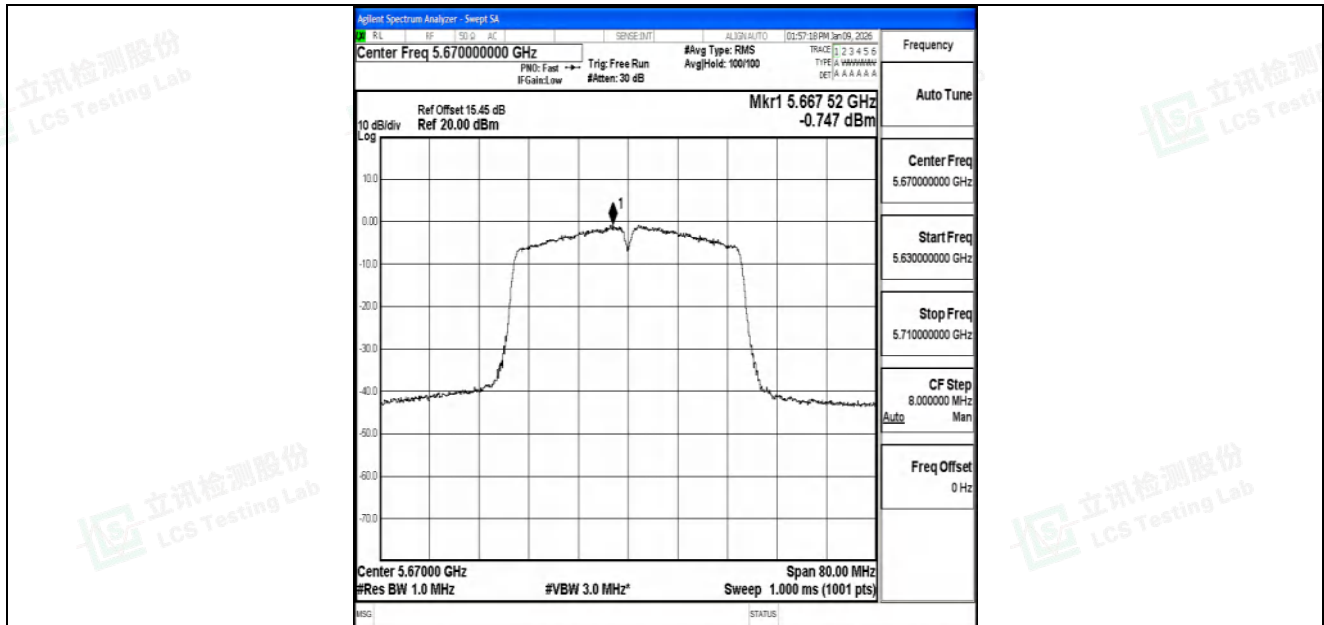


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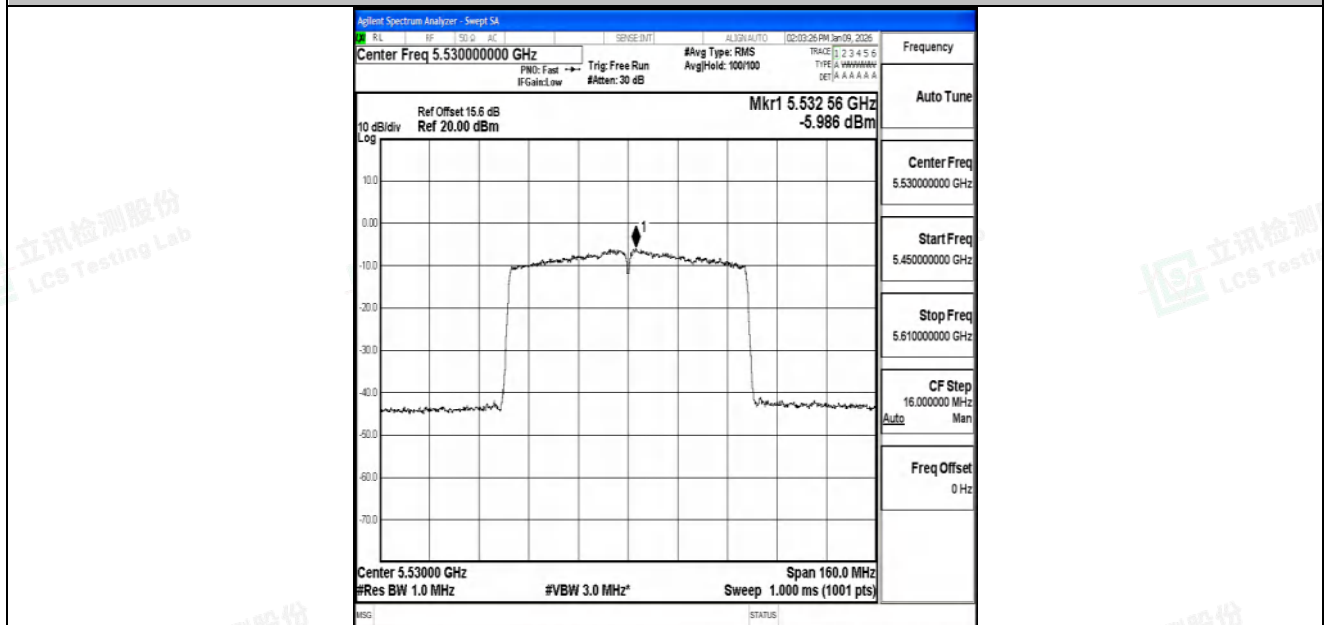
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11AC40SISO-Ant1-5670-PASS



11AC80SISO-Ant1-5530-PASS

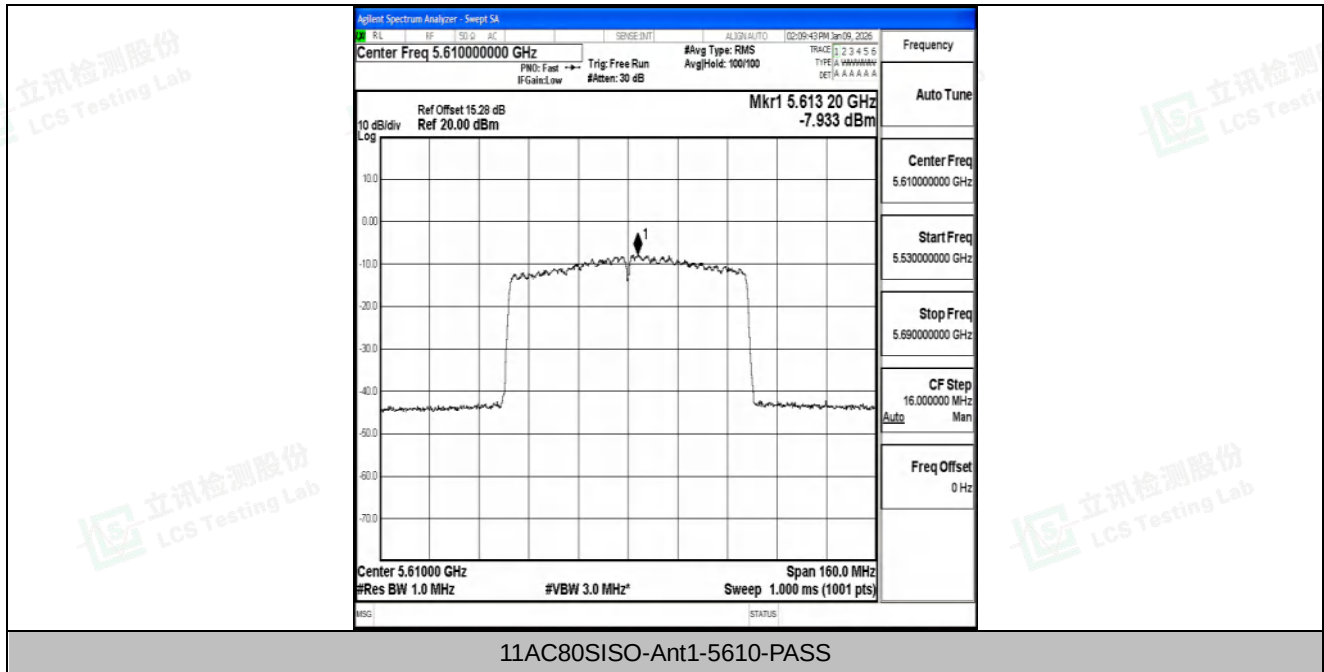


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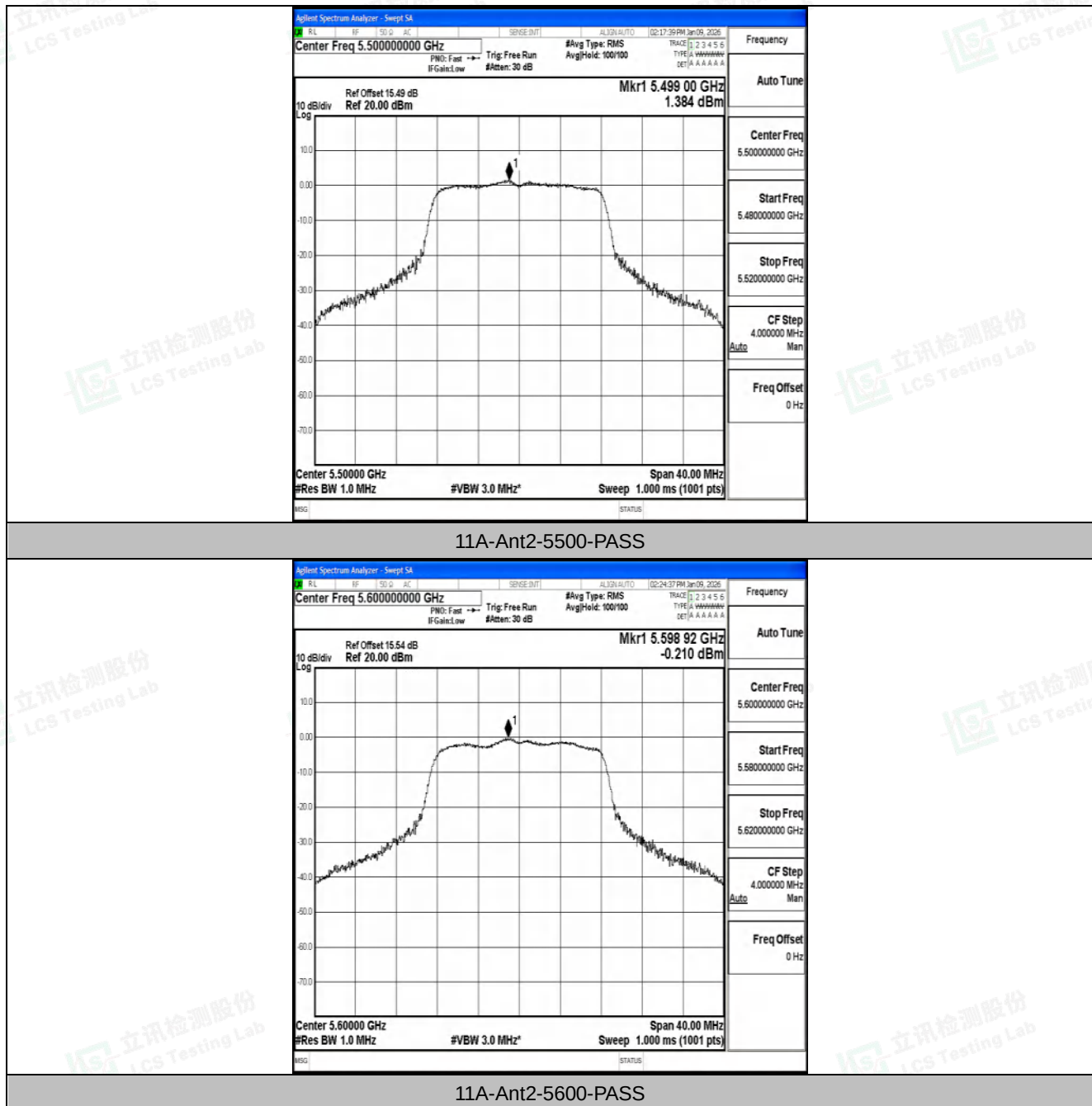
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Test Graphs

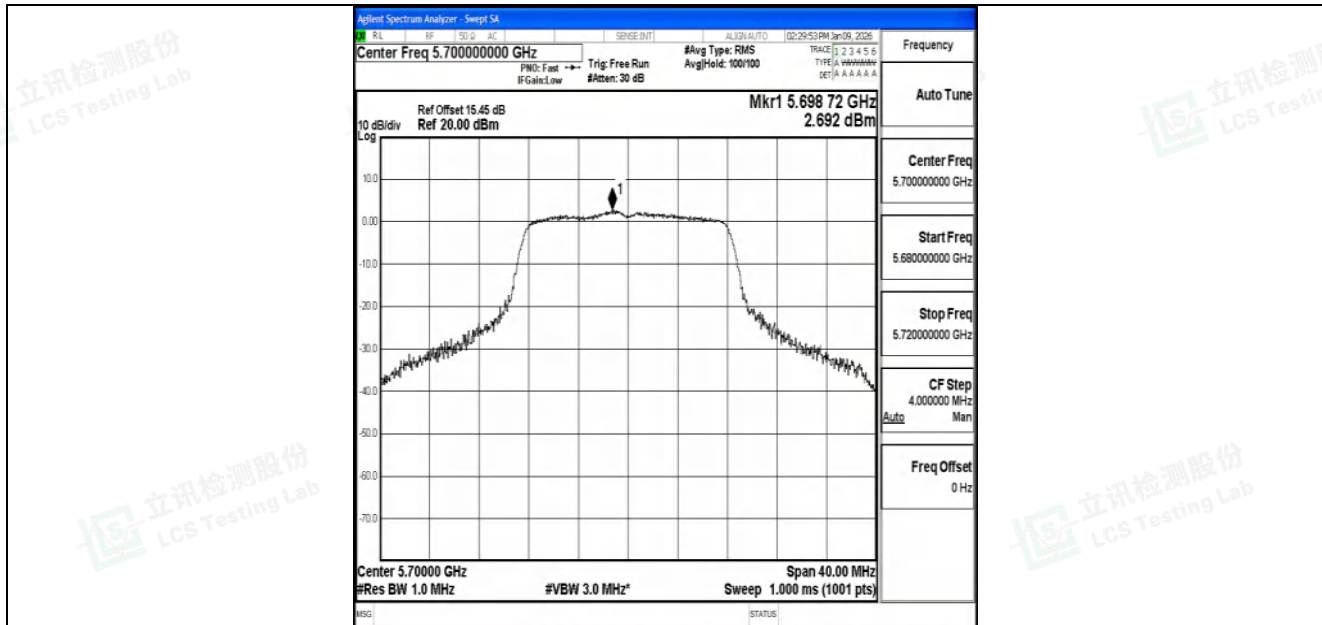


Shenzhen LCS Compliance Testing Laboratory Ltd.

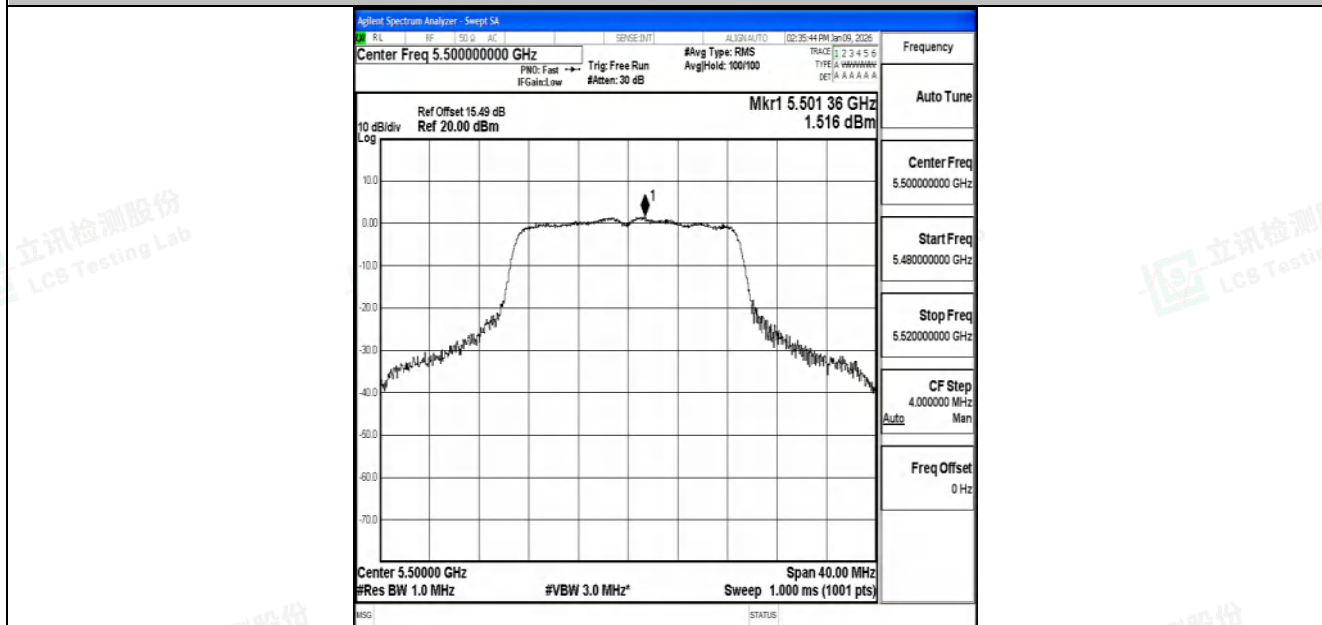
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11A-Ant2-5700-PASS



11N20SISO-Ant2-5500-PASS

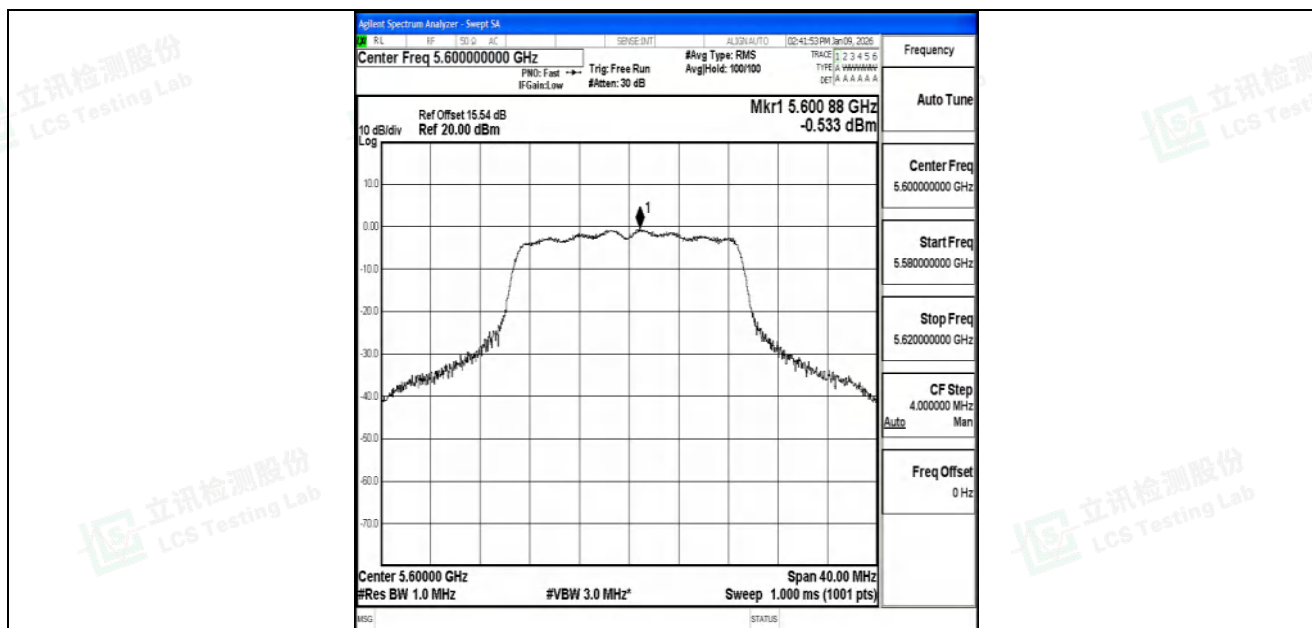


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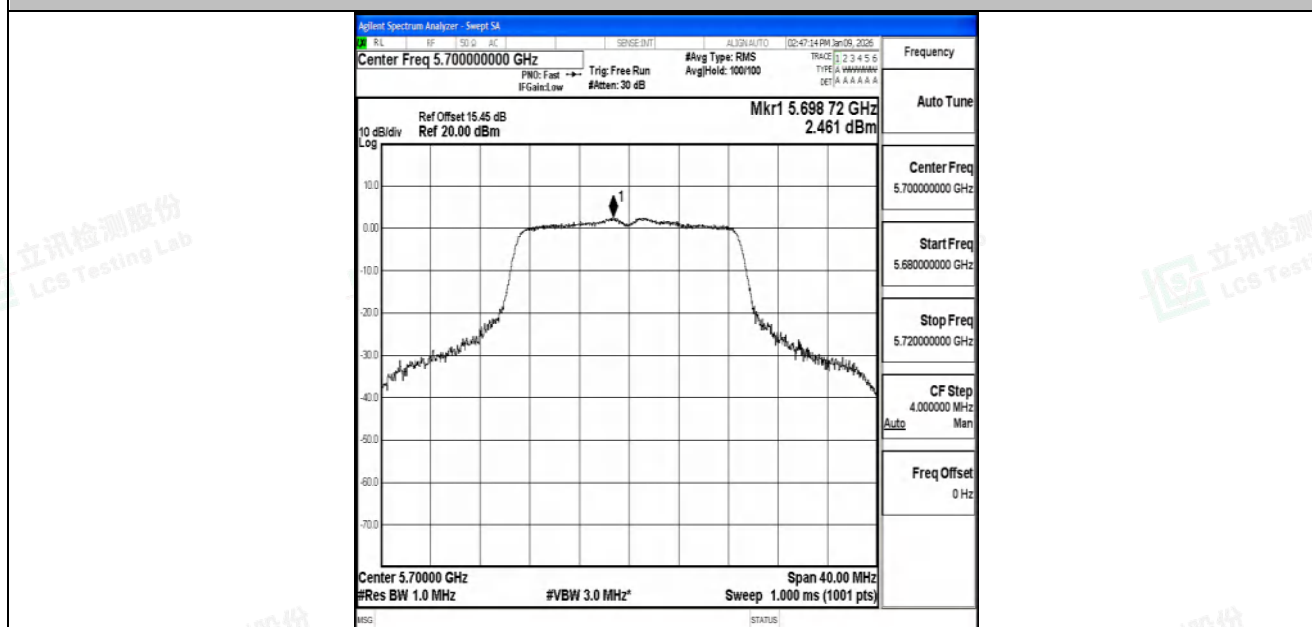
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11N20SISO-Ant2-5600-PASS



11N20SISO-Ant2-5700-PASS

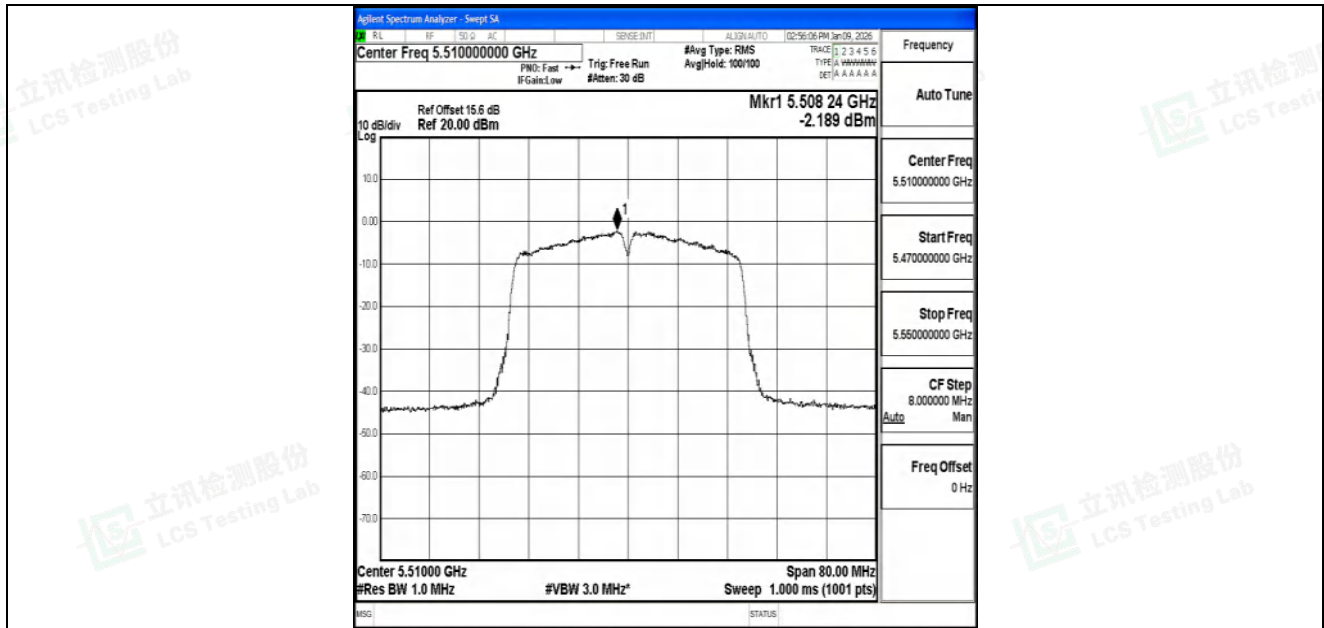


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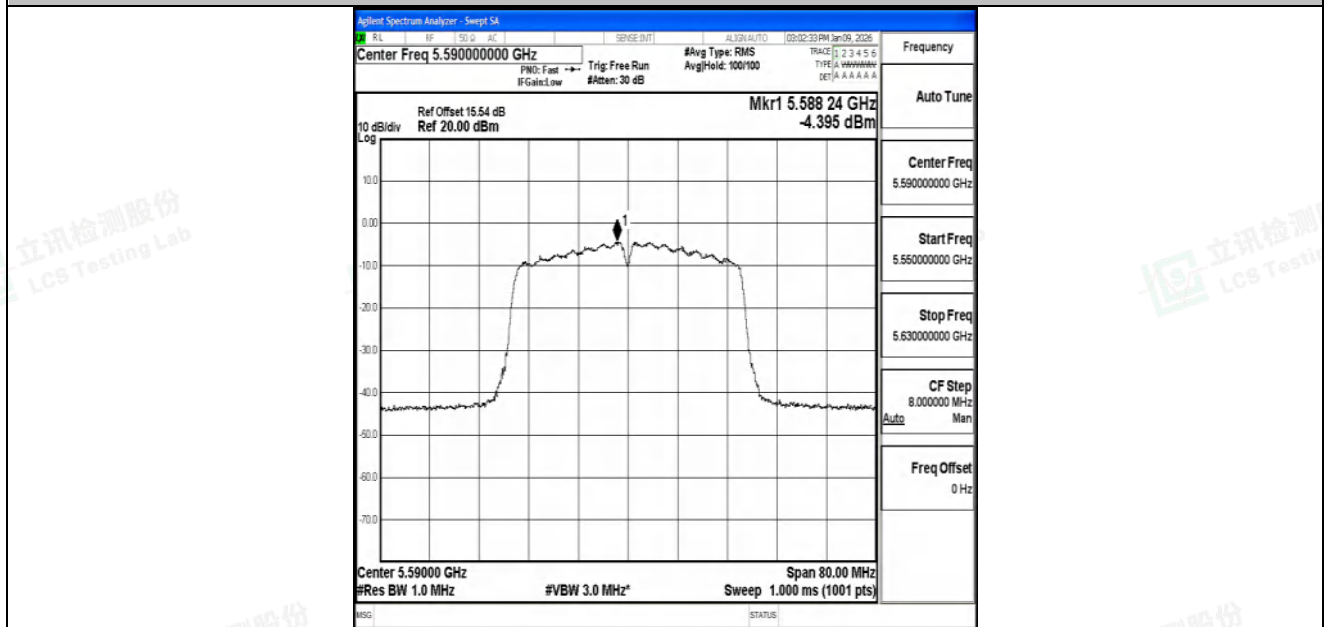
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11N40SISO-Ant2-5510-PASS



11N40SISO-Ant2-5590-PASS

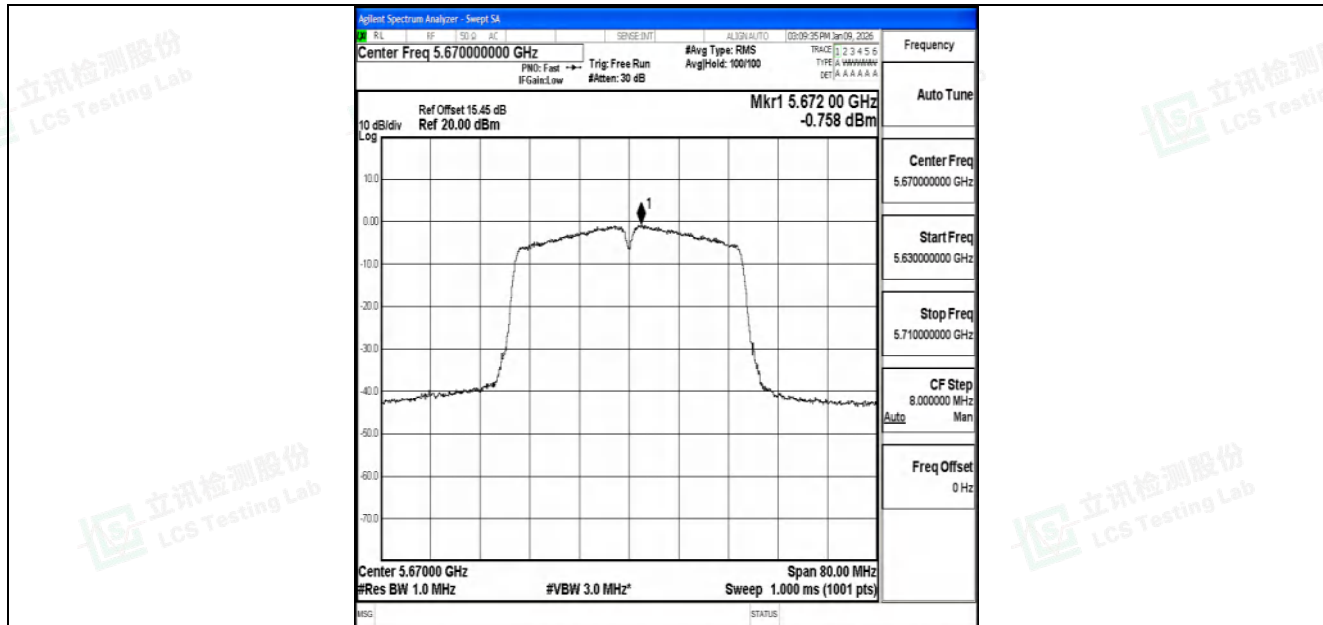


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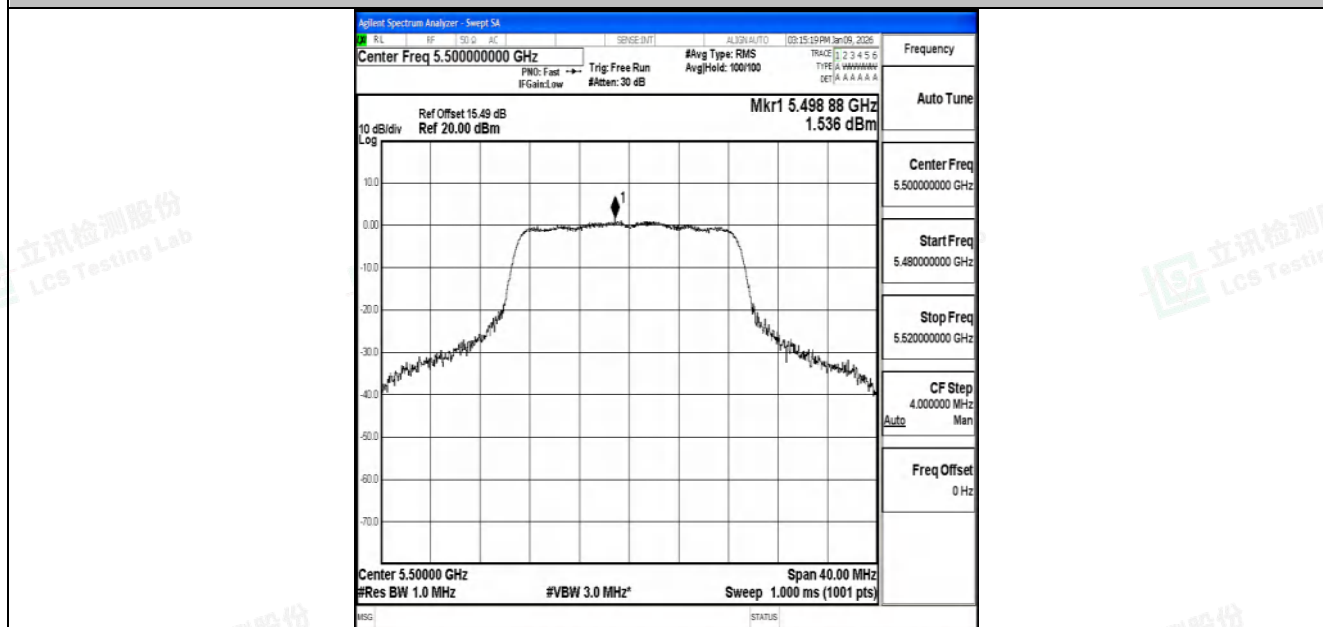
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11N40SISO-Ant2-5670-PASS



11AC20SISO-Ant2-5500-PASS

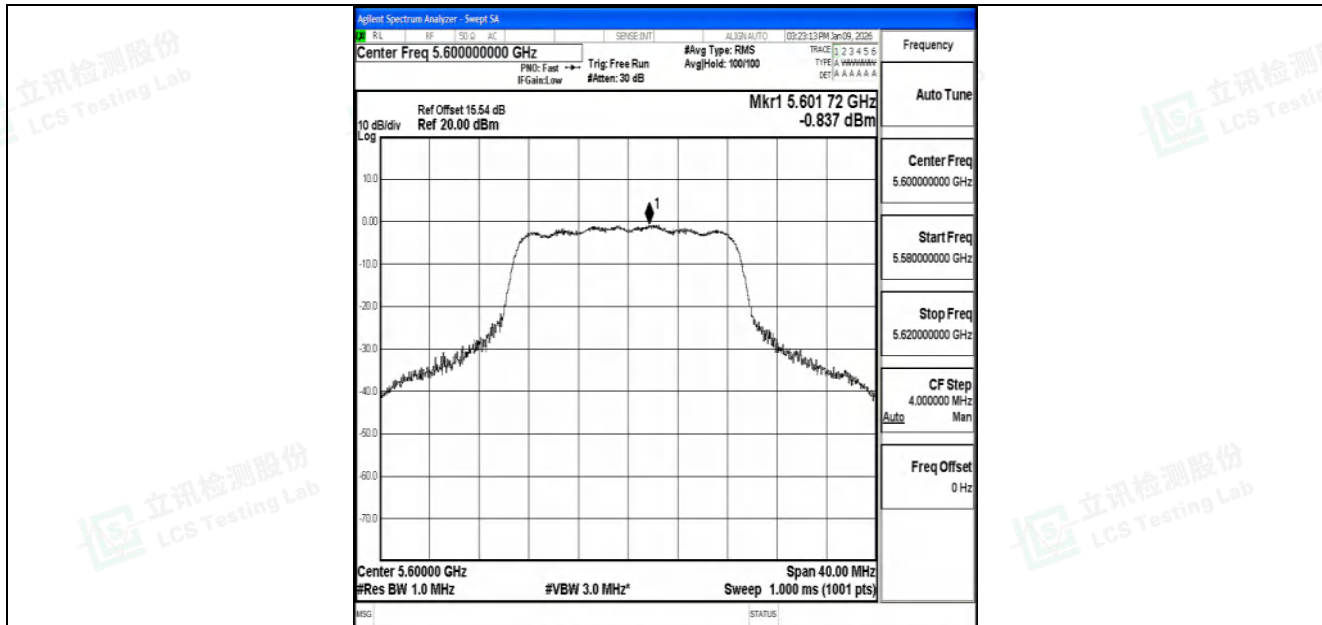


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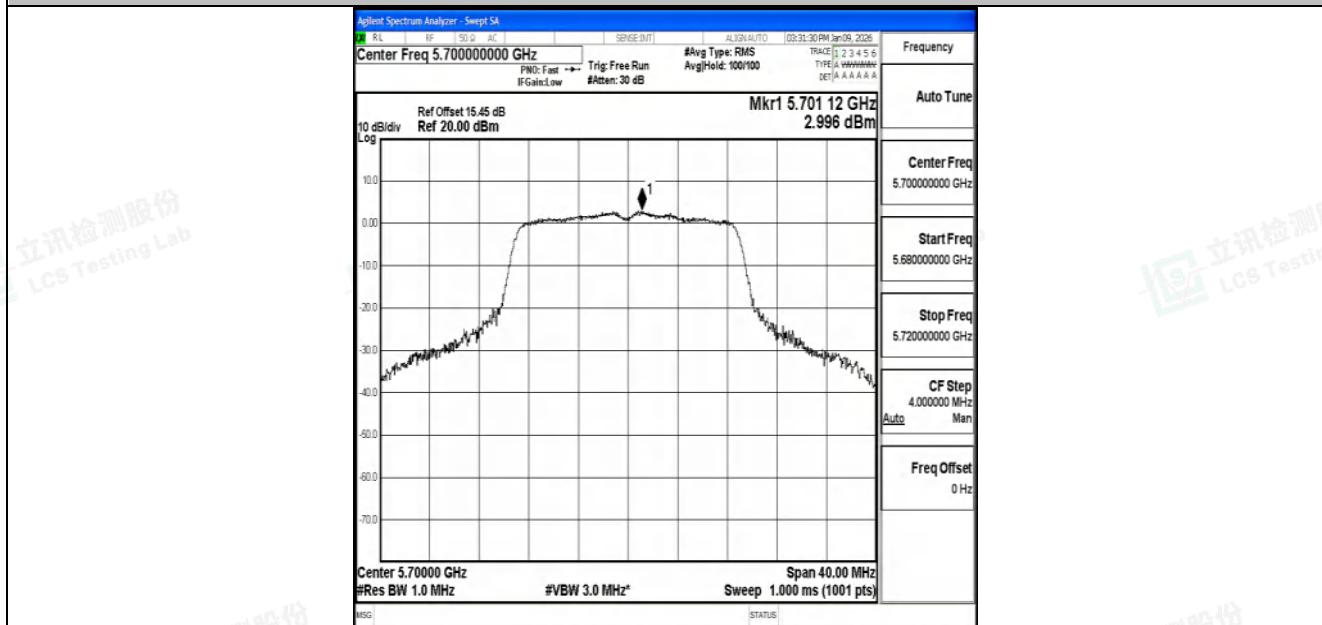
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11AC20SISO-Ant2-5600-PASS



11AC20SISO-Ant2-5700-PASS

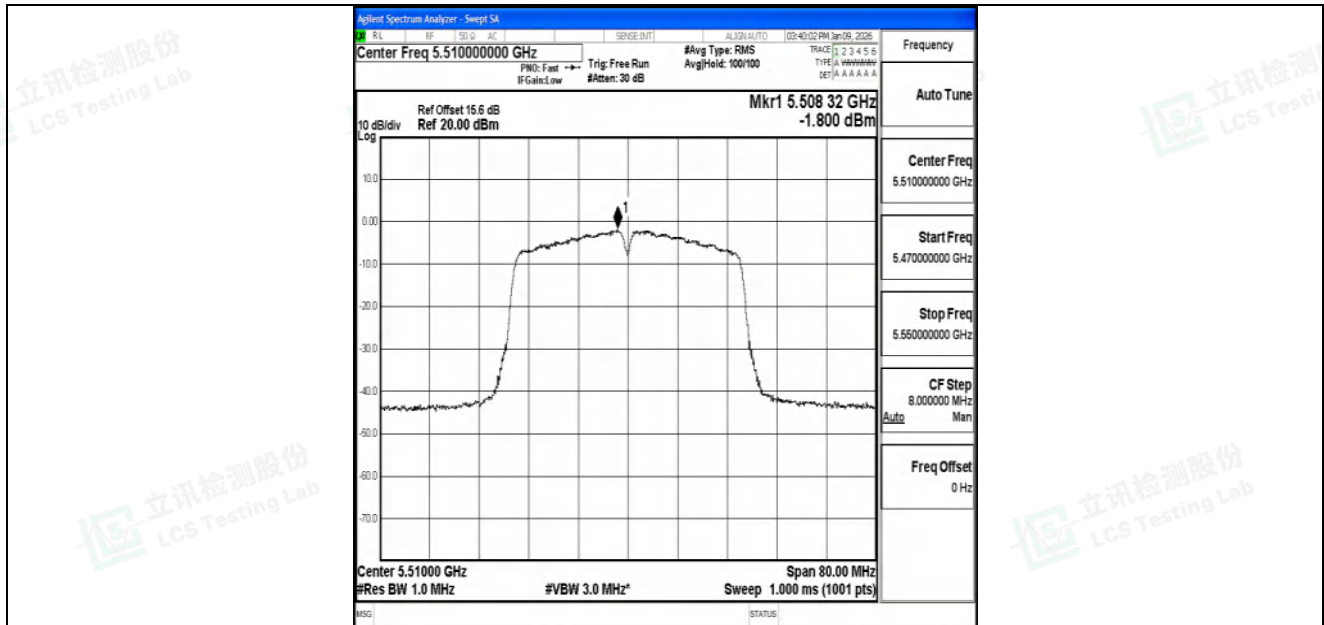


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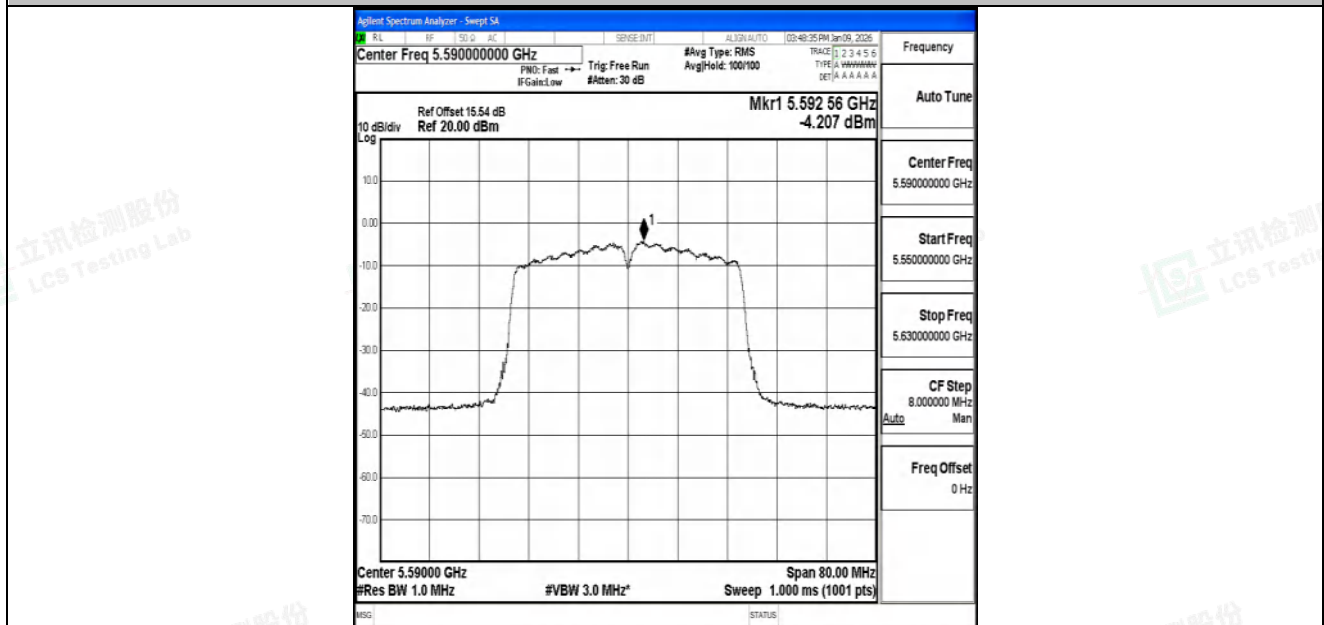
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11AC40SISO-Ant2-5510-PASS



11AC40SISO-Ant2-5590-PASS

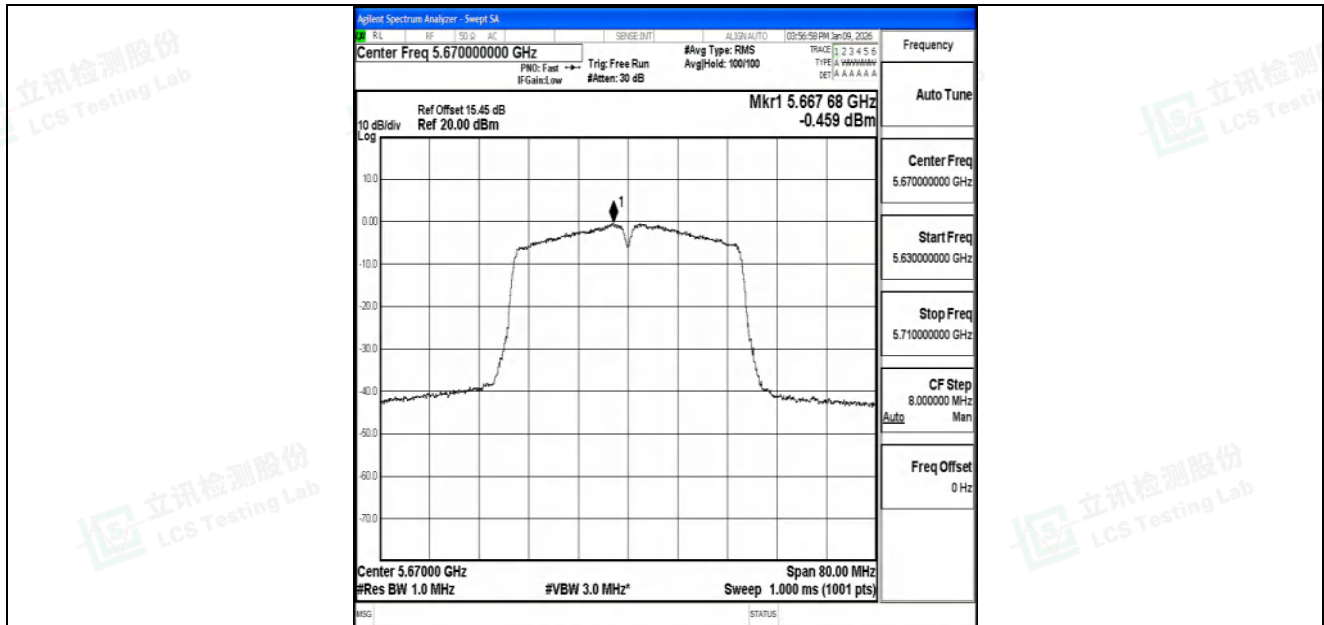


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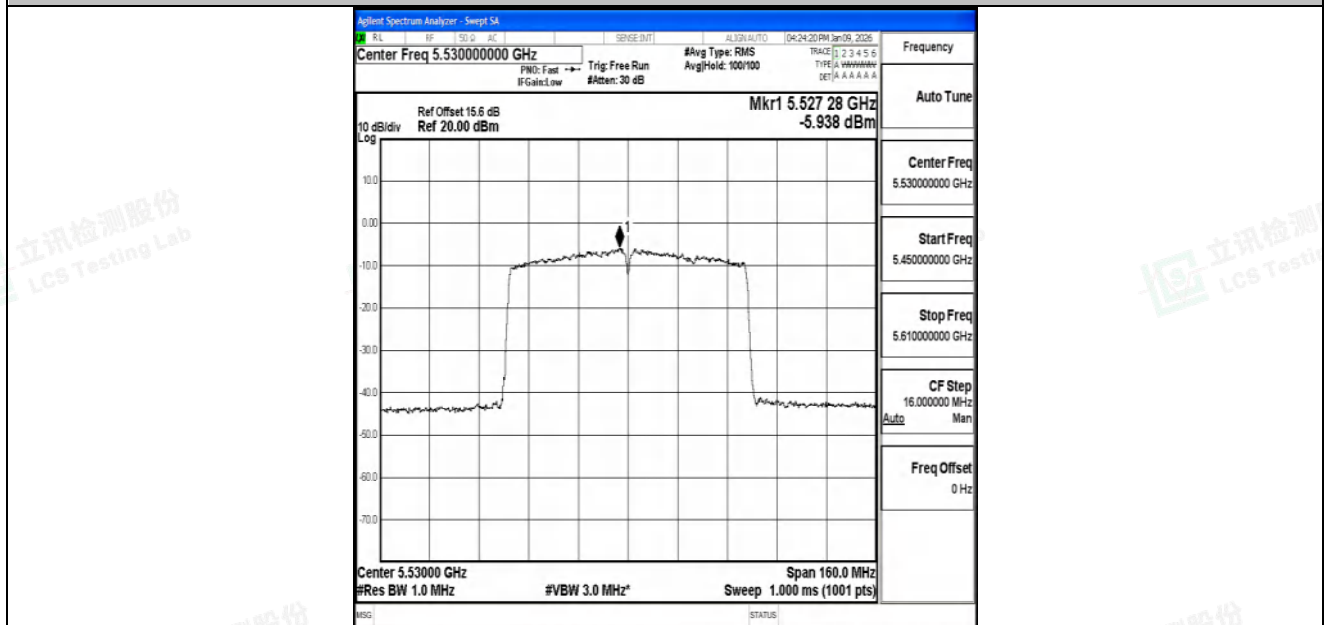
Add: 101, 201 Bldg A & 301 Bldg C, Juji Industrial Park Yabianxueziwei, Shajing Street, Baoan District, Shenzhen, 518000, China

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11AC40SISO-Ant2-5670-PASS



11AC80SISO-Ant2-5530-PASS

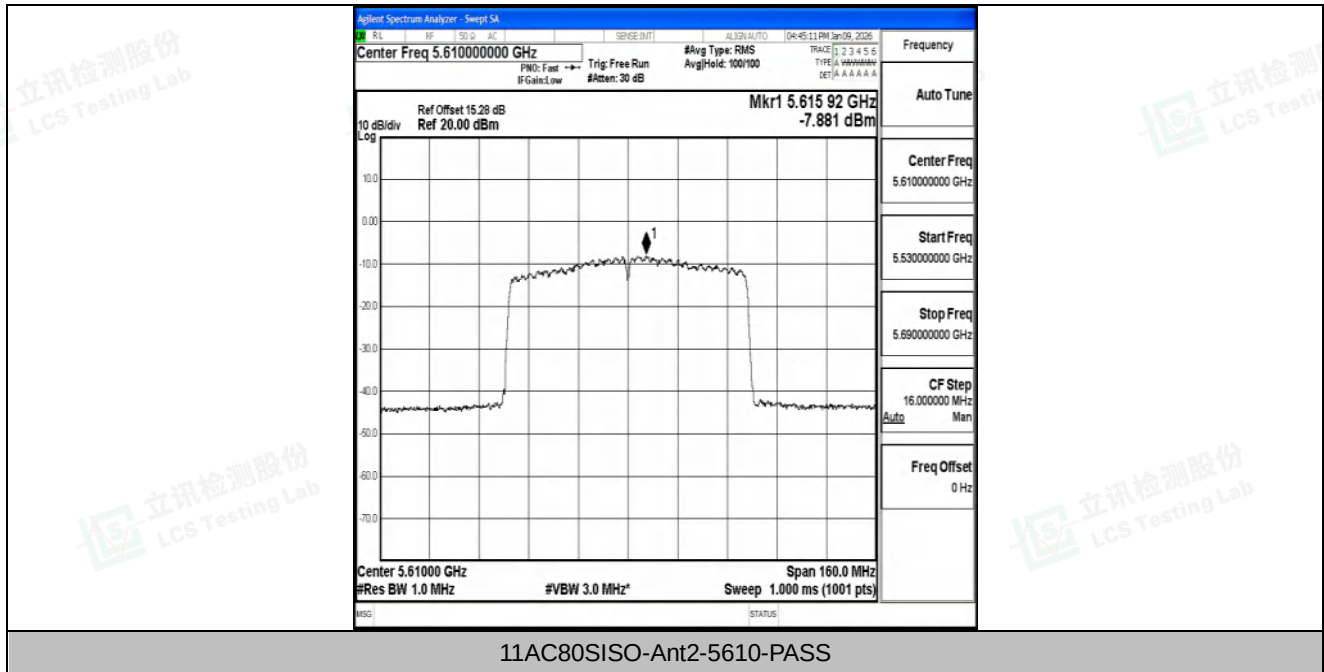


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F.4 Emissions in Restricted Bands

Test Result

TestMode	Antenna	Channel Name	Frequency [MHz]	Detector	Freq [MHz]	Result [dBm]	Limit [dBm]	Result [dBuV/m]	Limit [dBuV/m]	Verdict
11A	Ant1	Low	5500	Peak	5350.000	-44.9	≤-21.20	50.30	≤74	PASS
11A	Ant1	Low	5500	Peak	5460.000	-42.54	≤-21.20	52.66	≤74	PASS
11A	Ant1	Low	5500	Peak	5391.980	-40.47	≤-21.20	54.73	≤74	PASS
11A	Ant1	Low	5500	AV	5350.000	-51.16	≤-41.20	44.04	≤54	PASS
11A	Ant1	Low	5500	AV	5460.000	-48.86	≤-41.20	46.34	≤54	PASS
11A	Ant1	Low	5500	AV	5459.600	-48.84	≤-41.20	46.36	≤54	PASS
11N20SISO	Ant1	Low	5500	Peak	5350.000	-42.84	≤-21.20	52.36	≤74	PASS
11N20SISO	Ant1	Low	5500	Peak	5460.000	-39.77	≤-21.20	55.43	≤74	PASS
11N20SISO	Ant1	Low	5500	Peak	5459.810	-38.57	≤-21.20	56.63	≤74	PASS
11N20SISO	Ant1	Low	5500	AV	5350.000	-50.54	≤-41.20	44.66	≤54	PASS
11N20SISO	Ant1	Low	5500	AV	5460.000	-47.5	≤-41.20	47.70	≤54	PASS
11N20SISO	Ant1	Low	5500	AV	5459.810	-47.47	≤-41.20	47.73	≤54	PASS
11N40SISO	Ant1	Low	5510	Peak	5350.000	-44.07	≤-21.20	51.13	≤74	PASS
11N40SISO	Ant1	Low	5510	Peak	5460.000	-42.23	≤-21.20	52.97	≤74	PASS
11N40SISO	Ant1	Low	5510	Peak	5453.560	-39.91	≤-21.20	55.29	≤74	PASS
11N40SISO	Ant1	Low	5510	AV	5350.000	-50.71	≤-41.20	44.49	≤54	PASS
11N40SISO	Ant1	Low	5510	AV	5460.000	-48.37	≤-41.20	46.83	≤54	PASS
11N40SISO	Ant1	Low	5510	AV	5458.400	-48.29	≤-41.20	46.91	≤54	PASS
11AC20SISO	Ant1	Low	5500	Peak	5350.000	-43.2	≤-21.20	52.00	≤74	PASS
11AC20SISO	Ant1	Low	5500	Peak	5460.000	-39.17	≤-21.20	56.03	≤74	PASS
11AC20SISO	Ant1	Low	5500	Peak	5444.480	-38.03	≤-21.20	57.17	≤74	PASS
11AC20SISO	Ant1	Low	5500	AV	5350.000	-50.56	≤-41.20	44.64	≤54	PASS
11AC20SISO	Ant1	Low	5500	AV	5460.000	-47.53	≤-41.20	47.67	≤54	PASS
11AC20SISO	Ant1	Low	5500	AV	5458.970	-47.4	≤-41.20	47.80	≤54	PASS
11AC40SISO	Ant1	Low	5510	Peak	5350.000	-43.88	≤-21.20	51.32	≤74	PASS
11AC40SISO	Ant1	Low	5510	Peak	5460.000	-41.89	≤-21.20	53.31	≤74	PASS
11AC40SISO	Ant1	Low	5510	Peak	5459.500	-39.42	≤-21.20	55.78	≤74	PASS
11AC40SISO	Ant1	Low	5510	AV	5350.000	-50.93	≤-41.20	44.27	≤54	PASS
11AC40SISO	Ant1	Low	5510	AV	5460.000	-48.29	≤-41.20	46.91	≤54	PASS
11AC40SISO	Ant1	Low	5510	AV	5453.780	-48.19	≤-41.20	47.01	≤54	PASS
11AC80SISO	Ant1	Low	5530	Peak	5350.000	-43	≤-21.20	52.20	≤74	PASS
11AC80SISO	Ant1	Low	5530	Peak	5460.000	-40.28	≤-21.20	54.92	≤74	PASS
11AC80SISO	Ant1	Low	5530	Peak	5457.640	-38.61	≤-21.20	56.59	≤74	PASS
11AC80SISO	Ant1	Low	5530	AV	5350.000	-50.9	≤-41.20	44.30	≤54	PASS
11AC80SISO	Ant1	Low	5530	AV	5460.000	-46.81	≤-41.20	48.39	≤54	PASS



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11AC80SISO	Ant1	Low	5530	AV	5457.360	-46.09	≤-41.20	49.11	≤54	PASS
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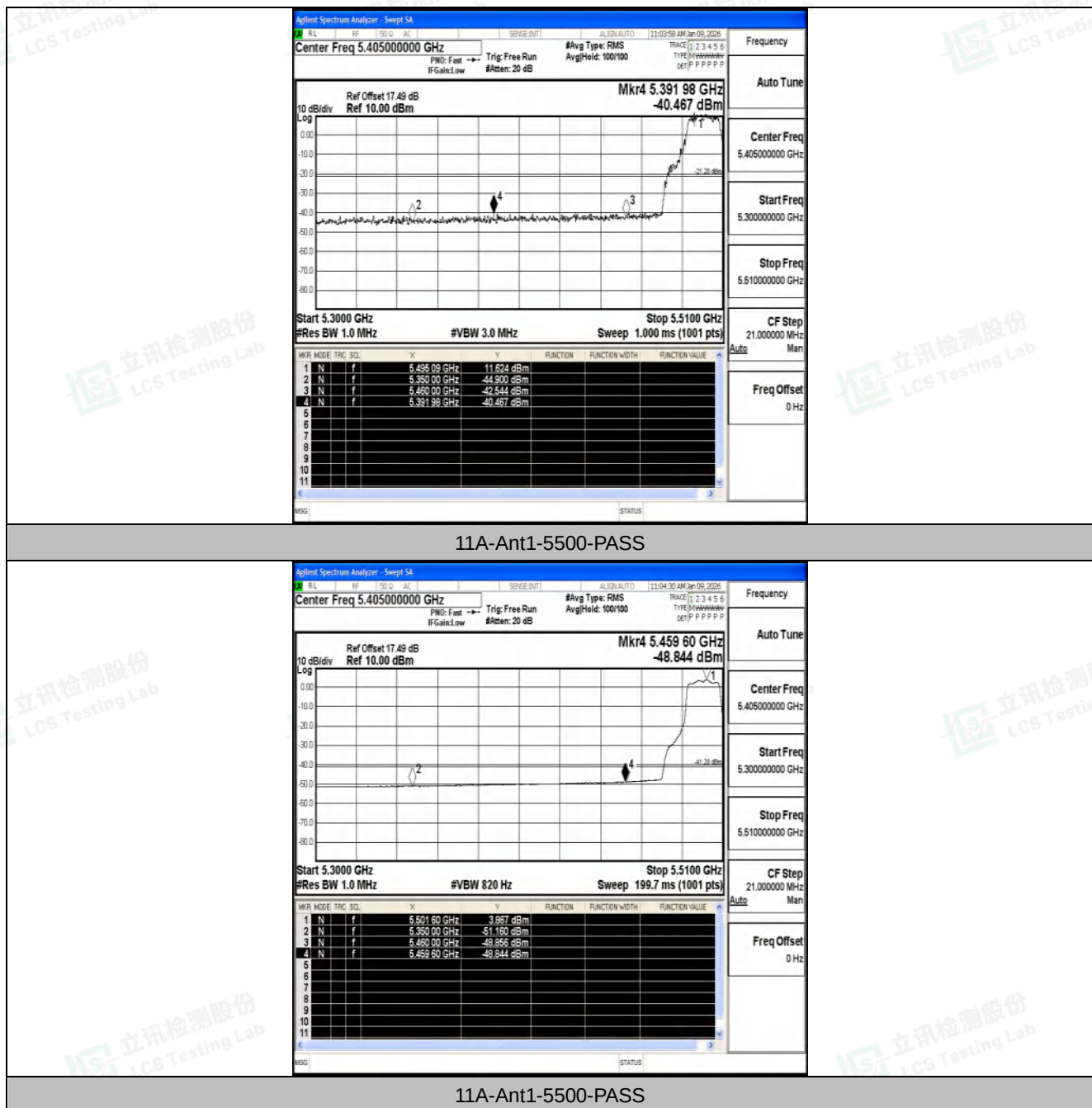
Note:

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.





Test Graphs

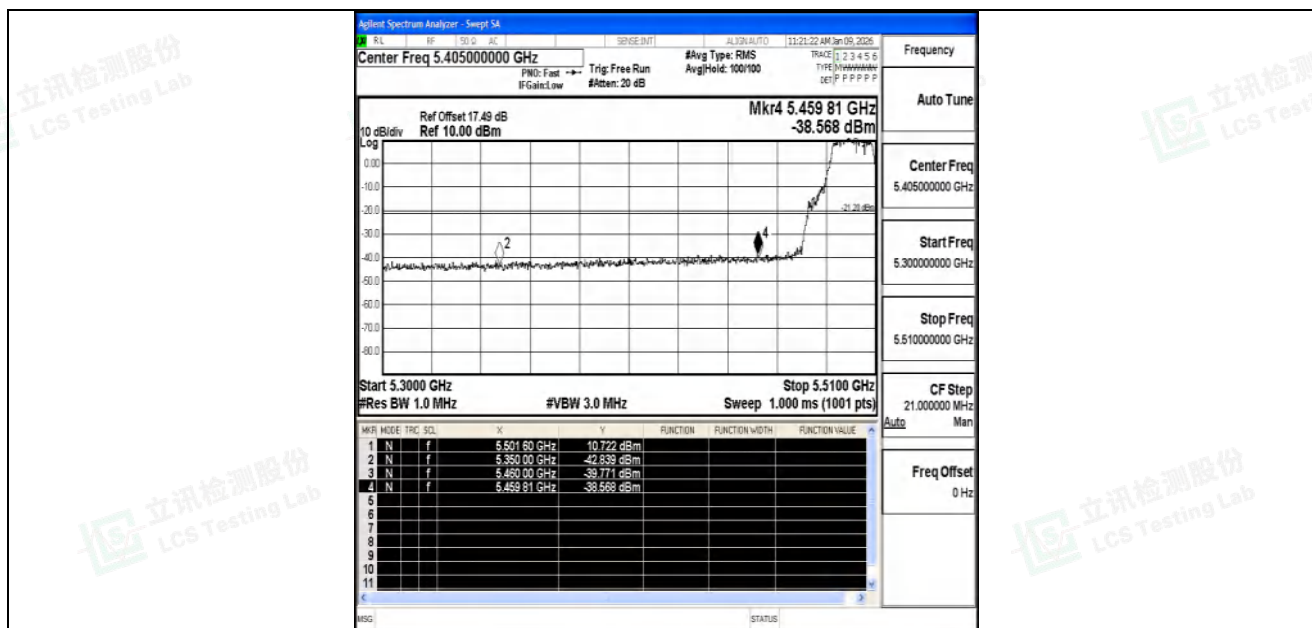


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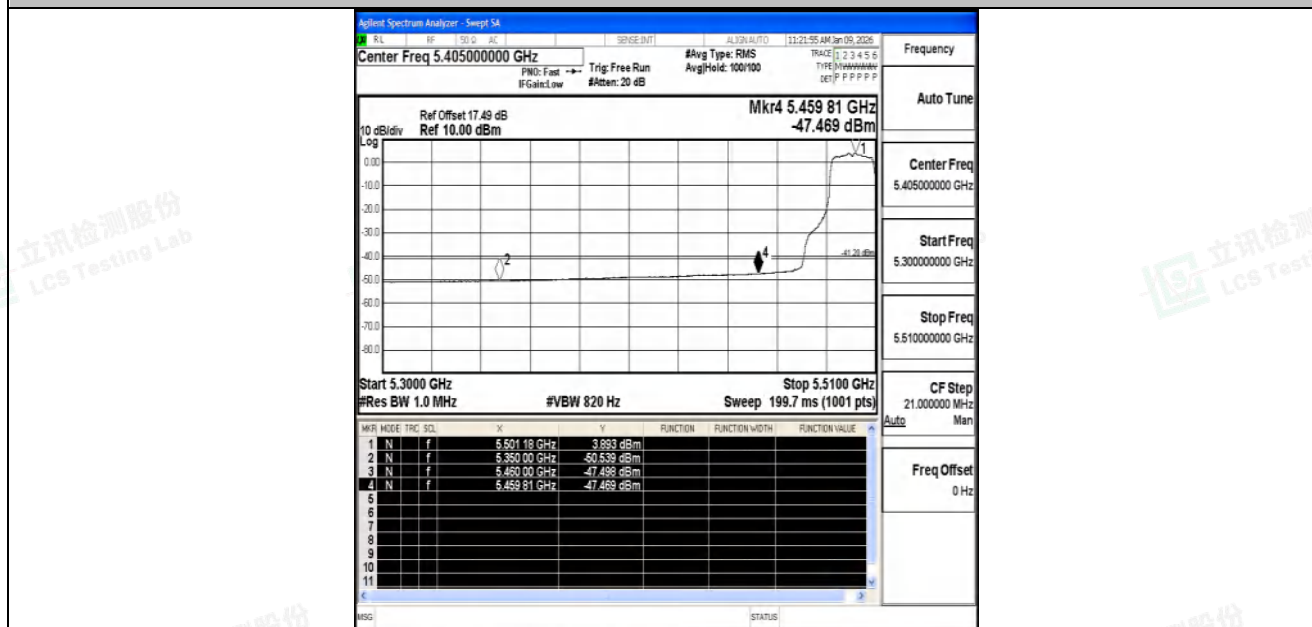
Add: 101, 201 Bldg A & 301 Bldg C, Juji Industrial Park Yabianxueziwei, Shajing Street, Baoan District, Shenzhen, 518000, China

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11N20SISO-Ant1-5500-PASS



11N20SISO-Ant1-5500-PASS

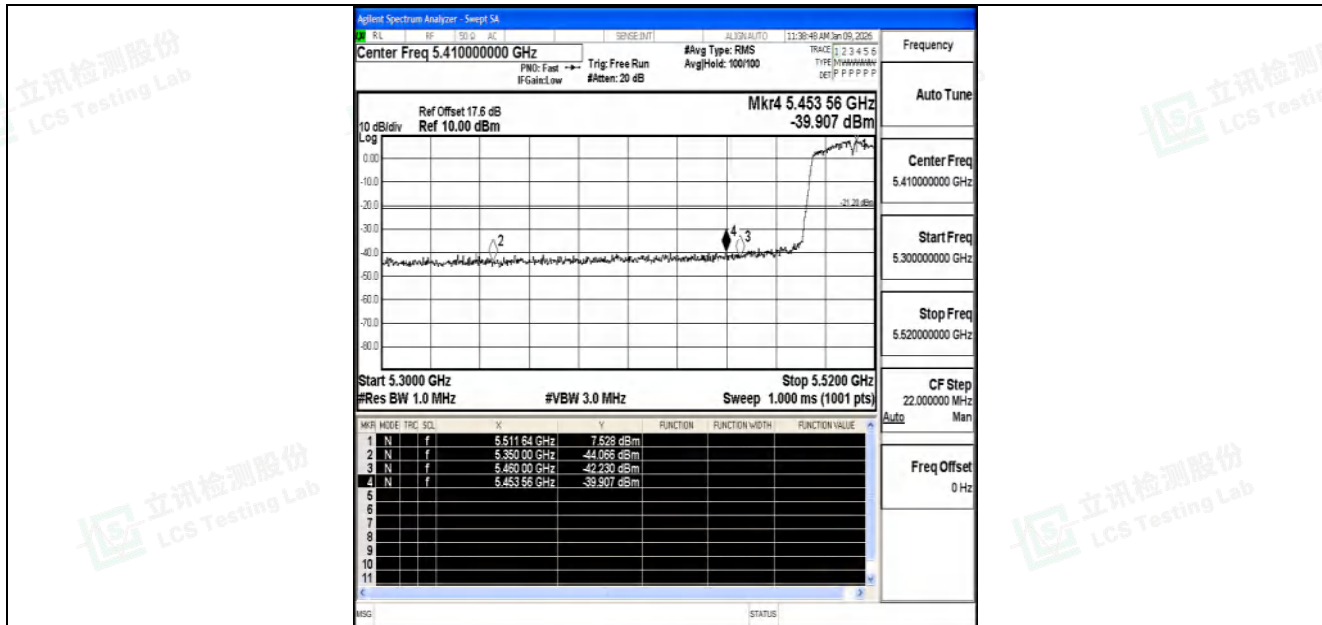


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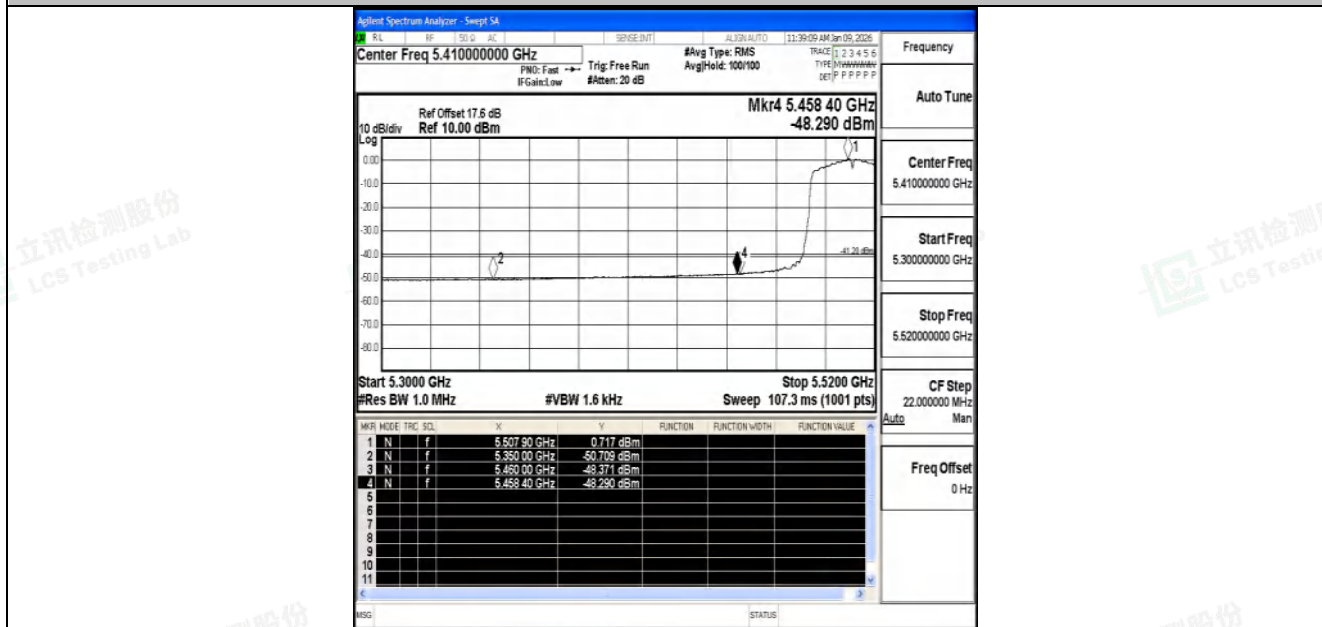
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11N40SISO-Ant1-5510-PASS



11N40SISO-Ant1-5510-PASS

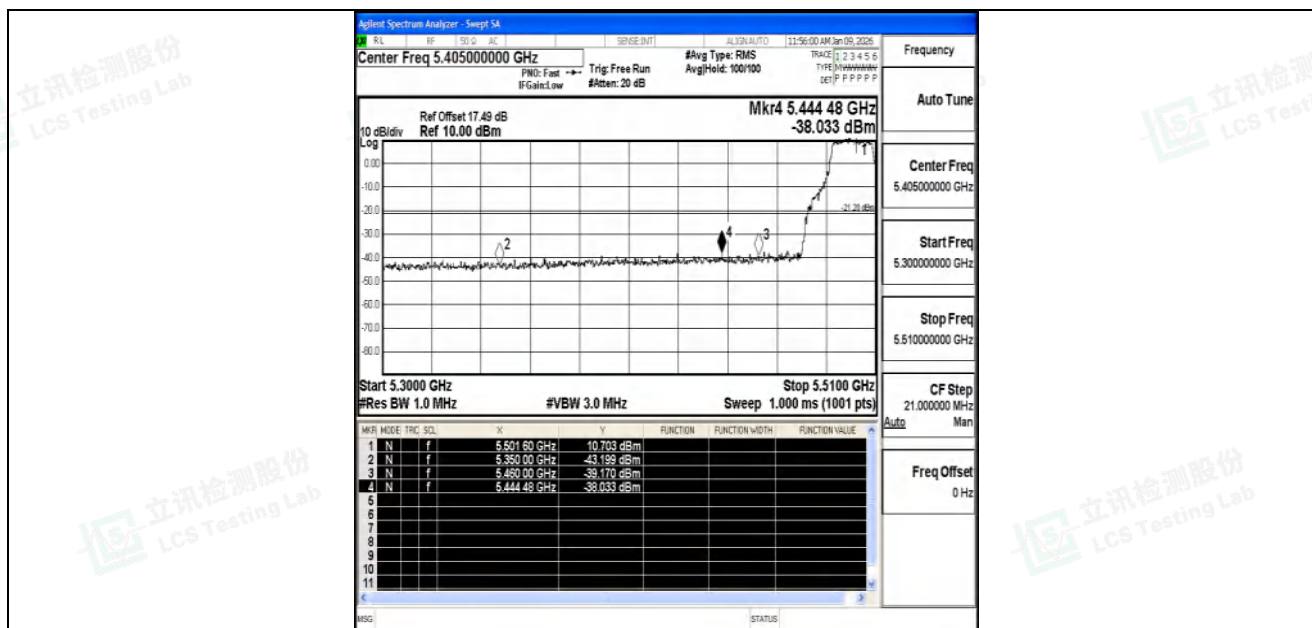


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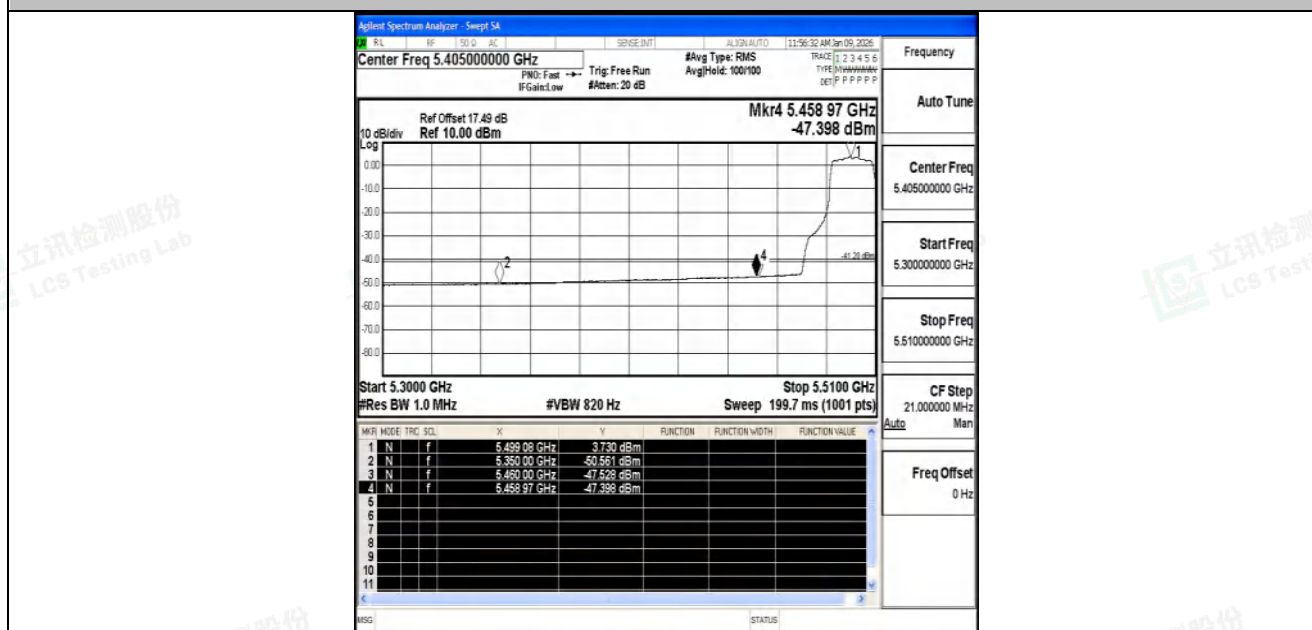
Add: 101, 201 Bldg A & 301 Bldg C, Juji Industrial Park Yabianxueziwei, Shajing Street, Baoan District, Shenzhen, 518000, China

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11AC20SISO-Ant1-5500-PASS



11AC20SISO-Ant1-5500-PASS

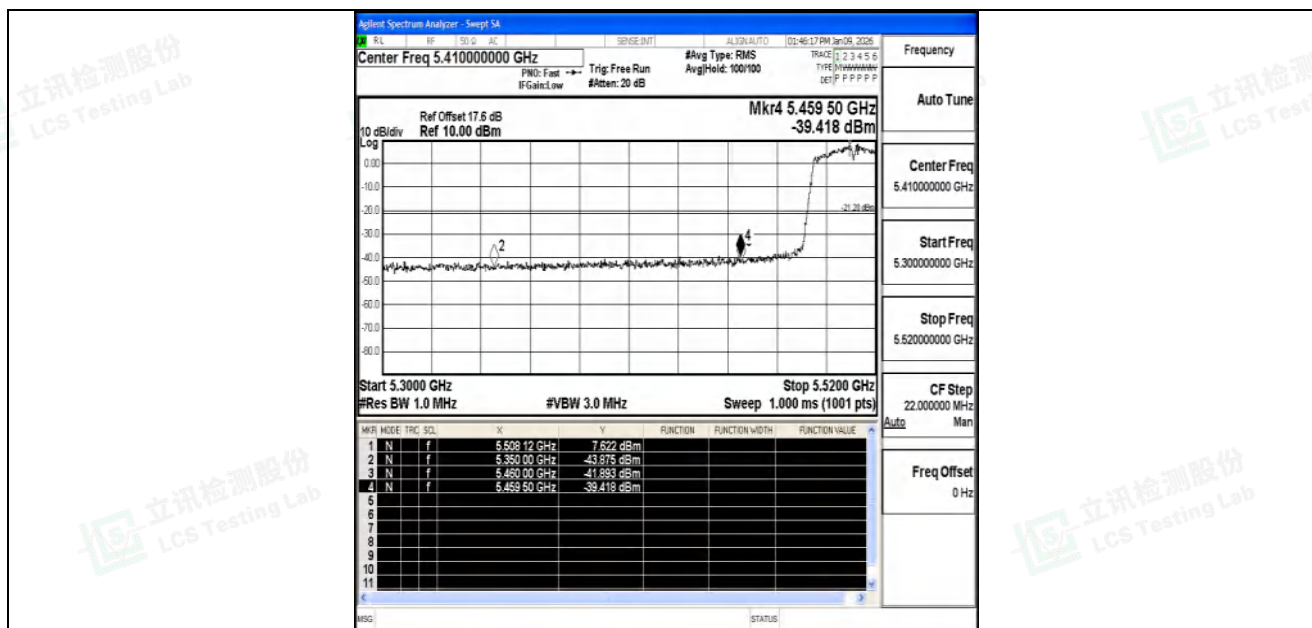


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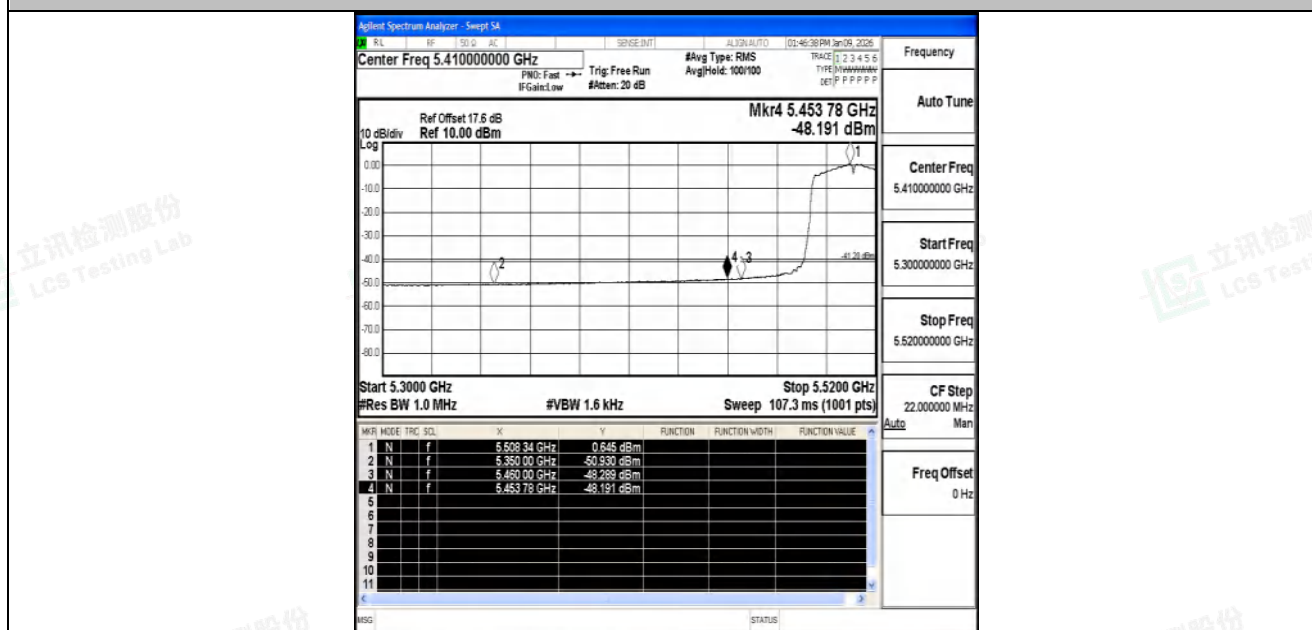
Add: 101, 201 Bldg A & 301 Bldg C, Juji Industrial Park Yabianxueziwei, Shajing Street, Baoan District, Shenzhen, 518000, China

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11AC40SISO-Ant1-5510-PASS



11AC40SISO-Ant1-5510-PASS

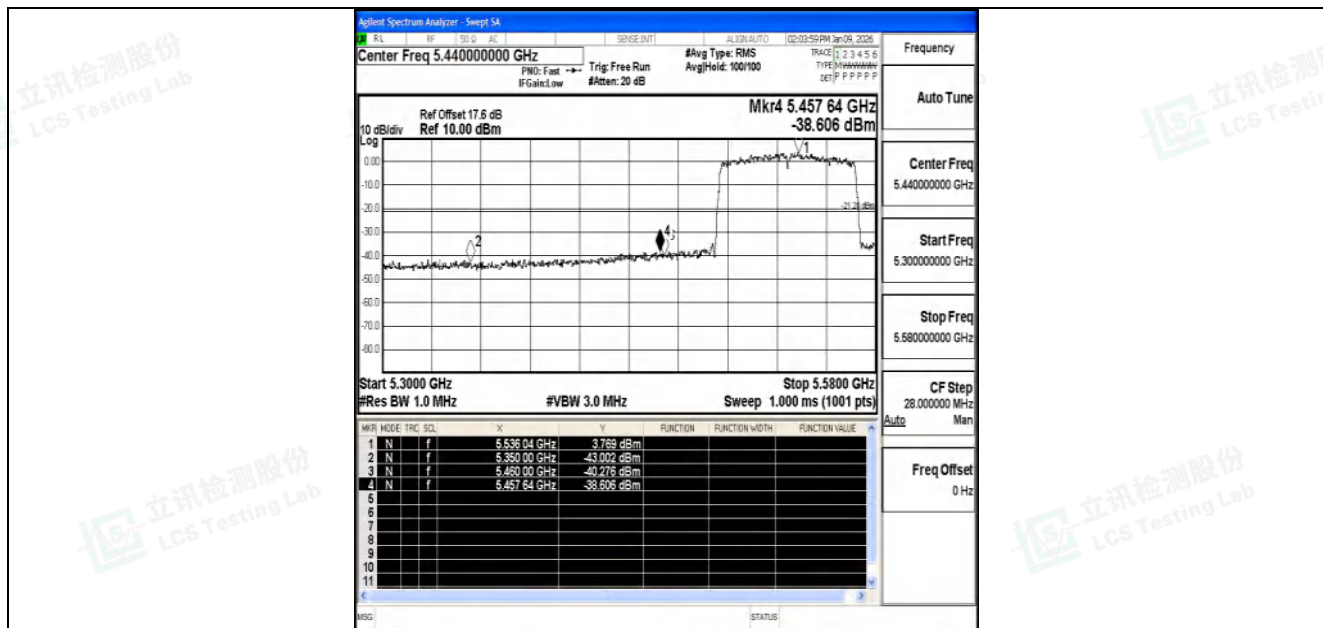


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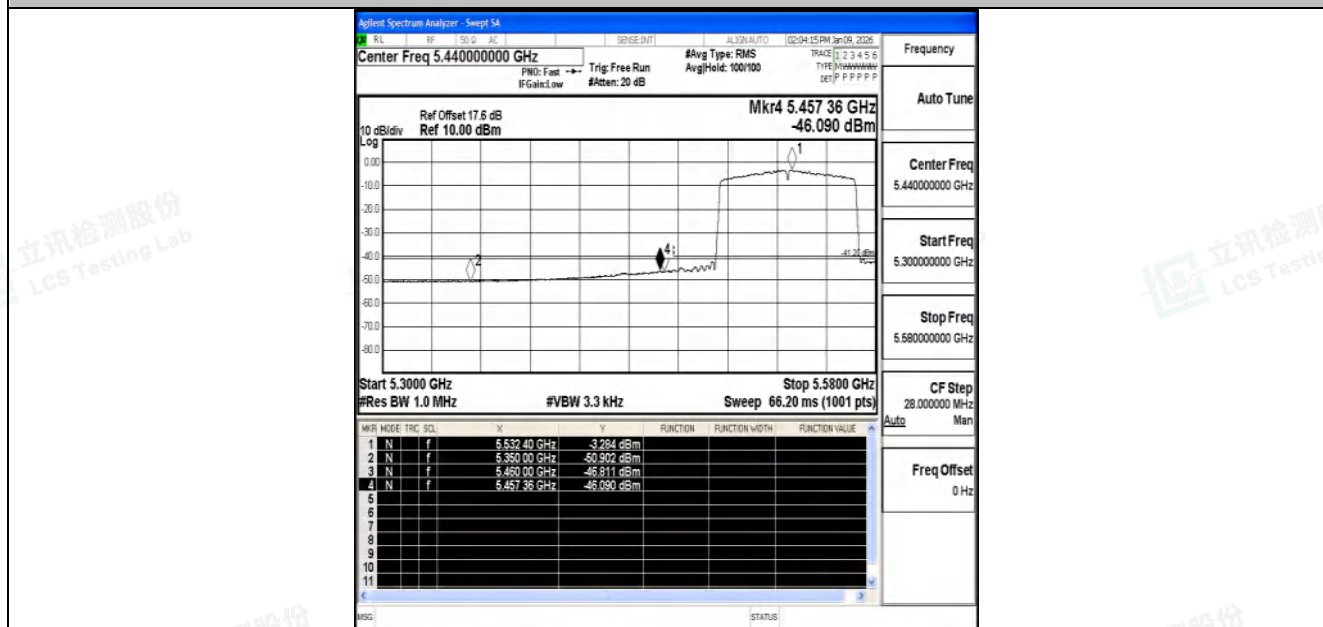
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11AC80SISO-Ant1-5530-PASS



11AC80SISO-Ant1-5530-PASS



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**Test Result**

TestMode	Antenna	Channel Name	Frequency [MHz]	Detector	Freq [MHz]	Result [dBm]	Limit [dBm]	Result [dBuV/m]	Limit [dBuV/m]	Verdict
11A	Ant2	Low	5500	Peak	5350.000	-42.06	≤-21.20	53.14	≤74	PASS
11A	Ant2	Low	5500	Peak	5460.000	-39.13	≤-21.20	56.07	≤74	PASS
11A	Ant2	Low	5500	Peak	5446.580	-38.32	≤-21.20	56.88	≤74	PASS
11A	Ant2	Low	5500	AV	5350.000	-50.64	≤-41.20	44.56	≤54	PASS
11A	Ant2	Low	5500	AV	5460.000	-47.36	≤-41.20	47.84	≤54	PASS
11A	Ant2	Low	5500	AV	5457.920	-47.35	≤-41.20	47.85	≤54	PASS
11N20SISO	Ant2	Low	5500	Peak	5350.000	-43.52	≤-21.20	51.68	≤74	PASS
11N20SISO	Ant2	Low	5500	Peak	5460.000	-40.88	≤-21.20	54.32	≤74	PASS
11N20SISO	Ant2	Low	5500	Peak	5440.490	-38.72	≤-21.20	56.48	≤74	PASS
11N20SISO	Ant2	Low	5500	AV	5350.000	-50.4	≤-41.20	44.80	≤54	PASS
11N20SISO	Ant2	Low	5500	AV	5460.000	-47.26	≤-41.20	47.94	≤54	PASS
11N20SISO	Ant2	Low	5500	AV	5457.920	-47.37	≤-41.20	47.83	≤54	PASS
11N40SISO	Ant2	Low	5510	Peak	5350.000	-44.64	≤-21.20	50.56	≤74	PASS
11N40SISO	Ant2	Low	5510	Peak	5460.000	-42.03	≤-21.20	53.17	≤74	PASS
11N40SISO	Ant2	Low	5510	Peak	5456.860	-39.14	≤-21.20	56.06	≤74	PASS
11N40SISO	Ant2	Low	5510	AV	5350.000	-50.78	≤-41.20	44.42	≤54	PASS
11N40SISO	Ant2	Low	5510	AV	5460.000	-48.23	≤-41.20	46.97	≤54	PASS
11N40SISO	Ant2	Low	5510	AV	5455.980	-48.12	≤-41.20	47.08	≤54	PASS
11AC20SISO	Ant2	Low	5500	Peak	5350.000	-43.37	≤-21.20	51.83	≤74	PASS
11AC20SISO	Ant2	Low	5500	Peak	5460.000	-39.61	≤-21.20	55.59	≤74	PASS
11AC20SISO	Ant2	Low	5500	Peak	5448.470	-37.95	≤-21.20	57.25	≤74	PASS
11AC20SISO	Ant2	Low	5500	AV	5350.000	-50.55	≤-41.20	44.65	≤54	PASS
11AC20SISO	Ant2	Low	5500	AV	5460.000	-47.39	≤-41.20	47.81	≤54	PASS
11AC20SISO	Ant2	Low	5500	AV	5459.180	-47.28	≤-41.20	47.92	≤54	PASS
11AC40SISO	Ant2	Low	5510	Peak	5350.000	-42.18	≤-21.20	53.02	≤74	PASS
11AC40SISO	Ant2	Low	5510	Peak	5460.000	-41.9	≤-21.20	53.30	≤74	PASS
11AC40SISO	Ant2	Low	5510	Peak	5454.000	-39.82	≤-21.20	55.38	≤74	PASS
11AC40SISO	Ant2	Low	5510	AV	5350.000	-50.55	≤-41.20	44.65	≤54	PASS
11AC40SISO	Ant2	Low	5510	AV	5460.000	-48.17	≤-41.20	47.03	≤54	PASS
11AC40SISO	Ant2	Low	5510	AV	5457.740	-47.97	≤-41.20	47.23	≤54	PASS
11AC80SISO	Ant2	Low	5530	Peak	5350.000	-43.21	≤-21.20	51.99	≤74	PASS
11AC80SISO	Ant2	Low	5530	Peak	5460.000	-39.4	≤-21.20	55.80	≤74	PASS
11AC80SISO	Ant2	Low	5530	Peak	5435.520	-37.43	≤-21.20	57.77	≤74	PASS
11AC80SISO	Ant2	Low	5530	AV	5350.000	-50.57	≤-41.20	44.63	≤54	PASS
11AC80SISO	Ant2	Low	5530	AV	5460.000	-46.49	≤-41.20	48.71	≤54	PASS
11AC80SISO	Ant2	Low	5530	AV	5457.640	-46.06	≤-41.20	49.14	≤54	PASS

Note:



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3. The Antenna Gain is compensated in the graph.
4. 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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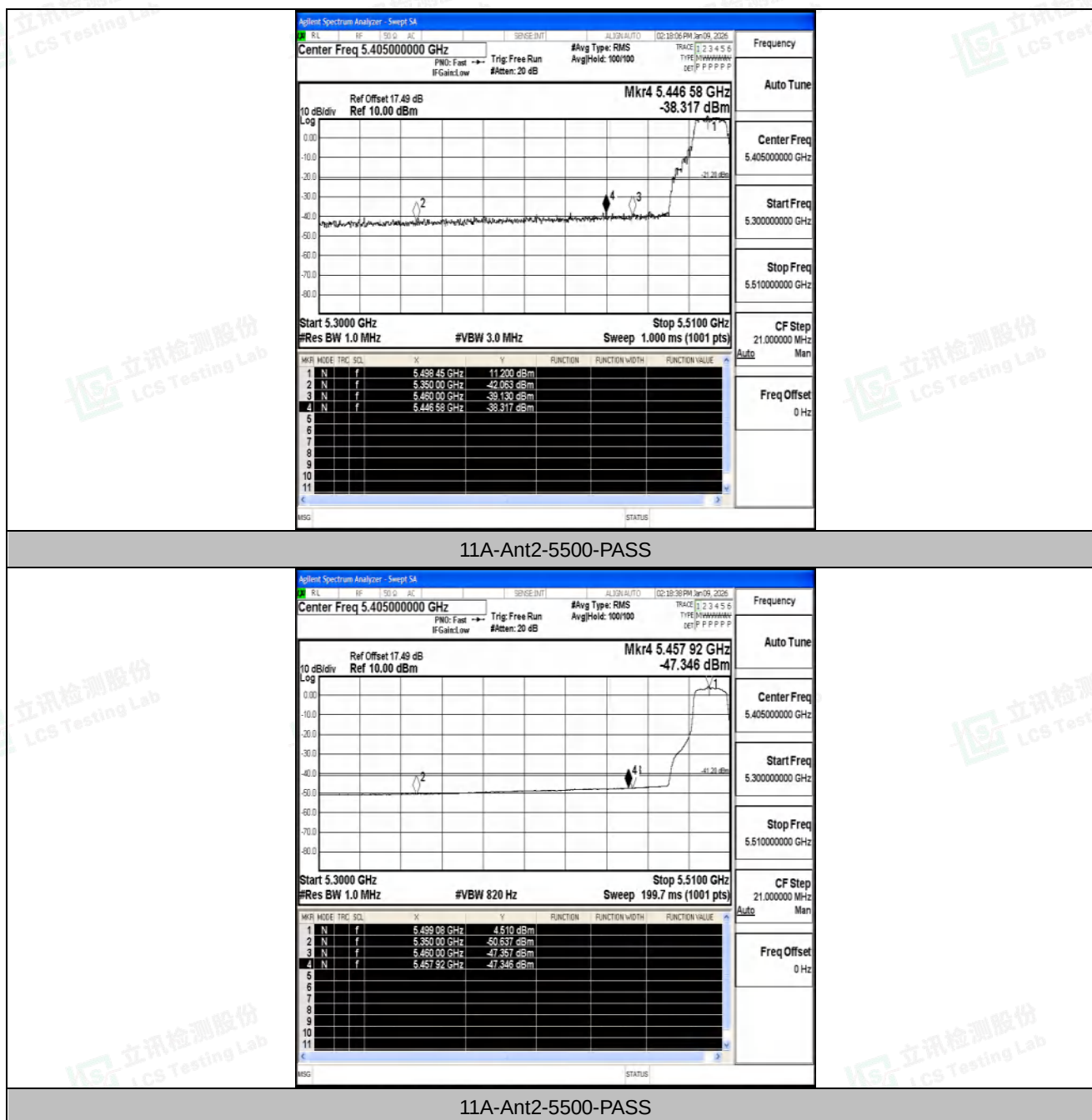
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Test Graphs

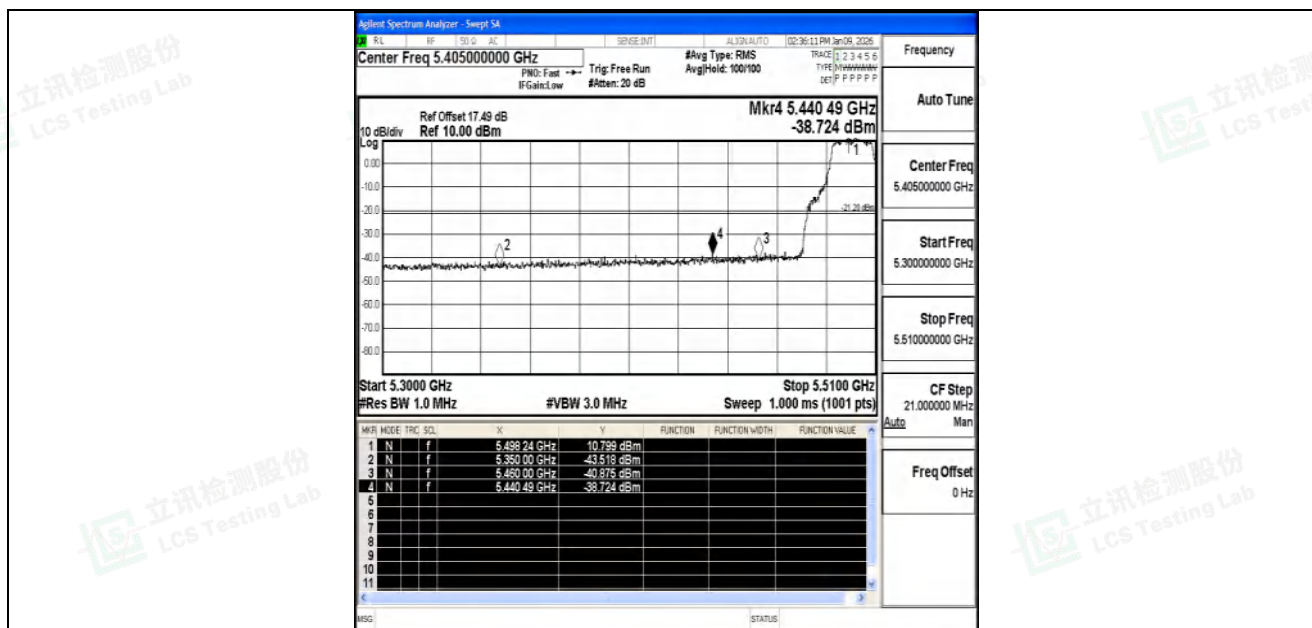


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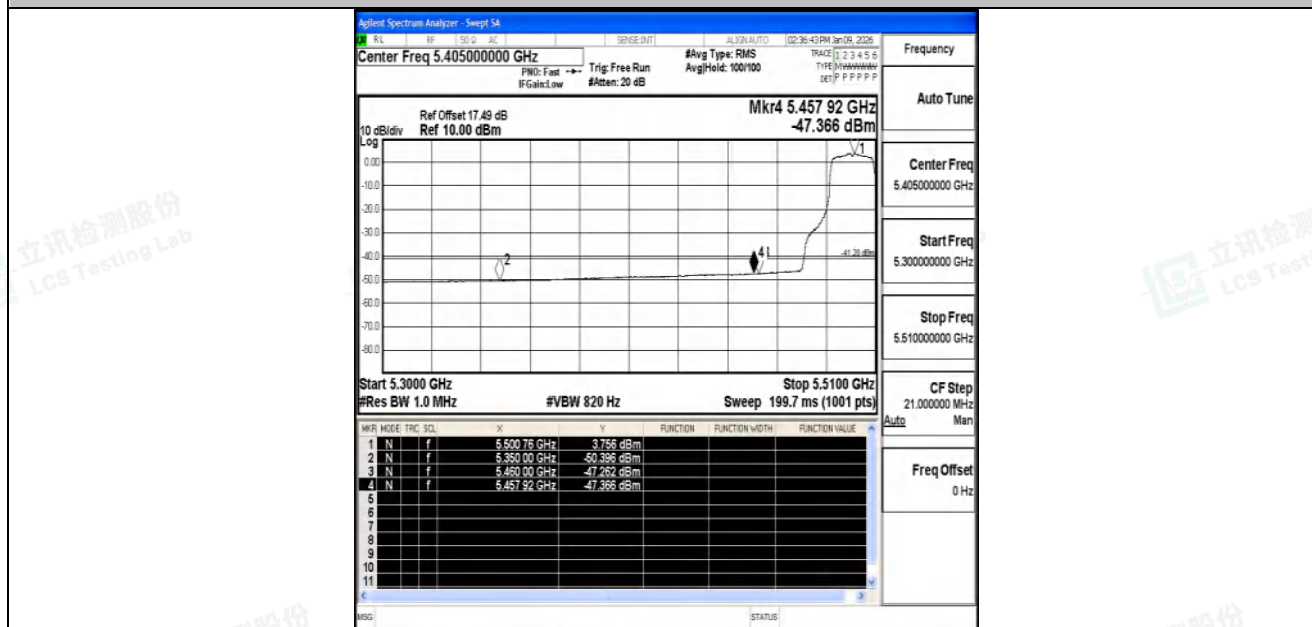
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11N20SISO-Ant2-5500-PASS



11N20SISO-Ant2-5500-PASS

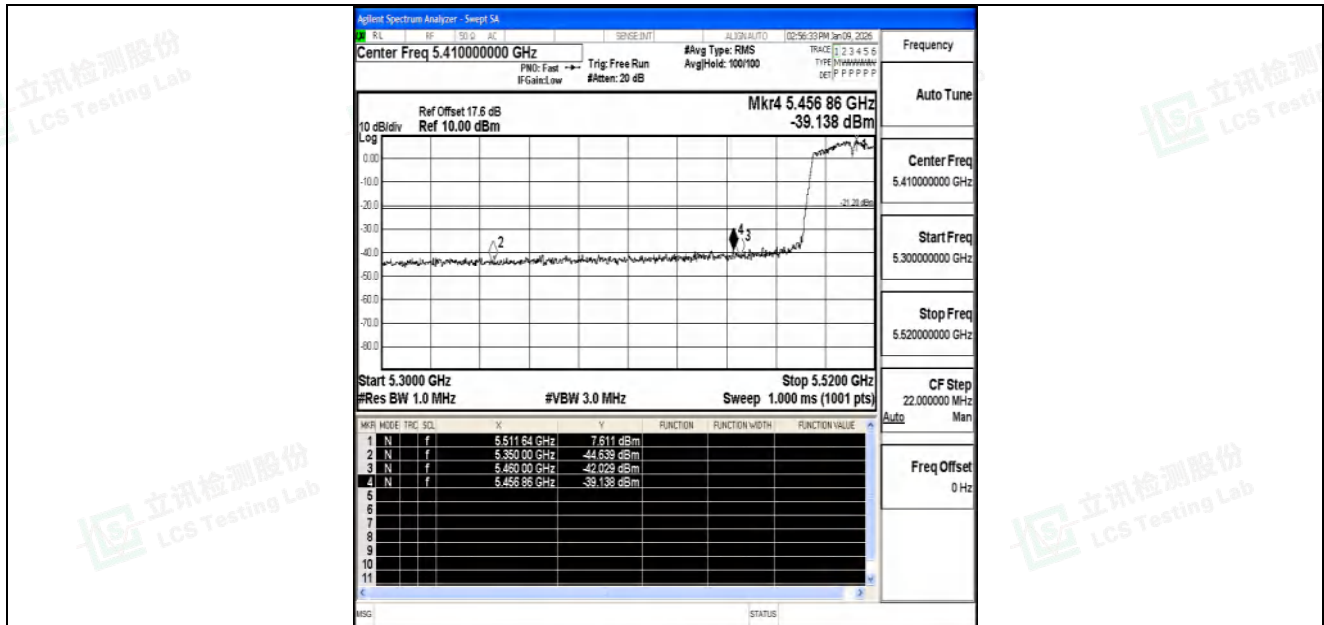


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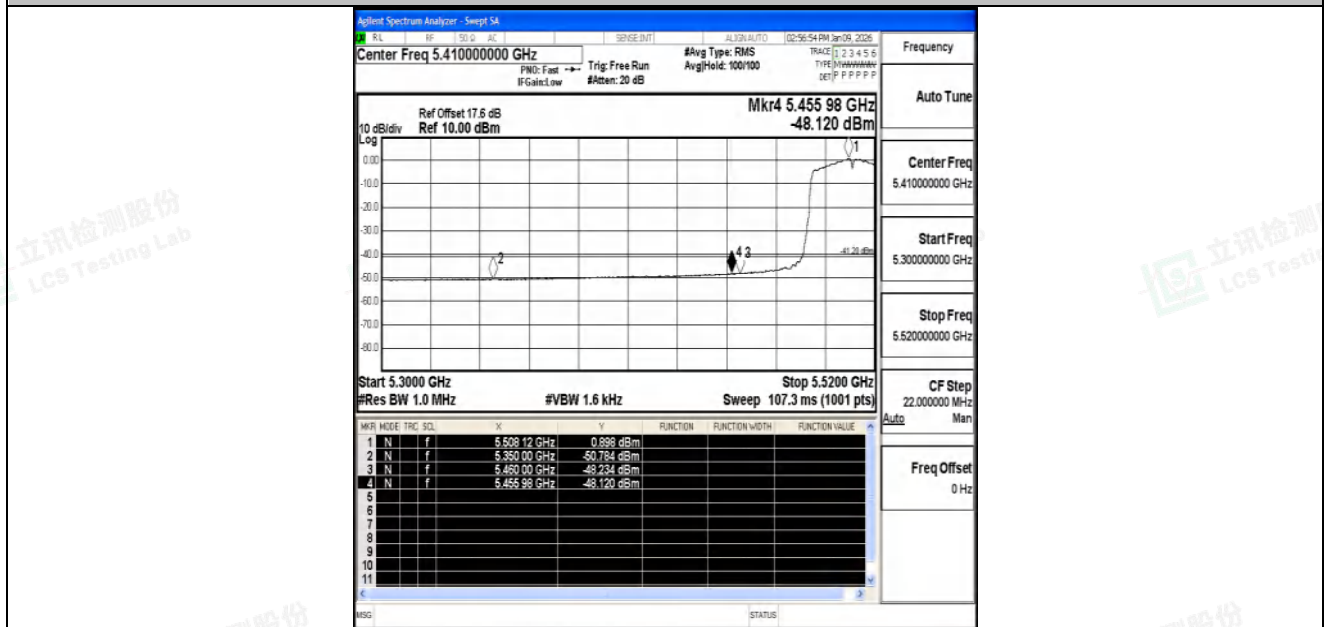
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11N40SISO-Ant2-5510-PASS



11N40SISO-Ant2-5510-PASS

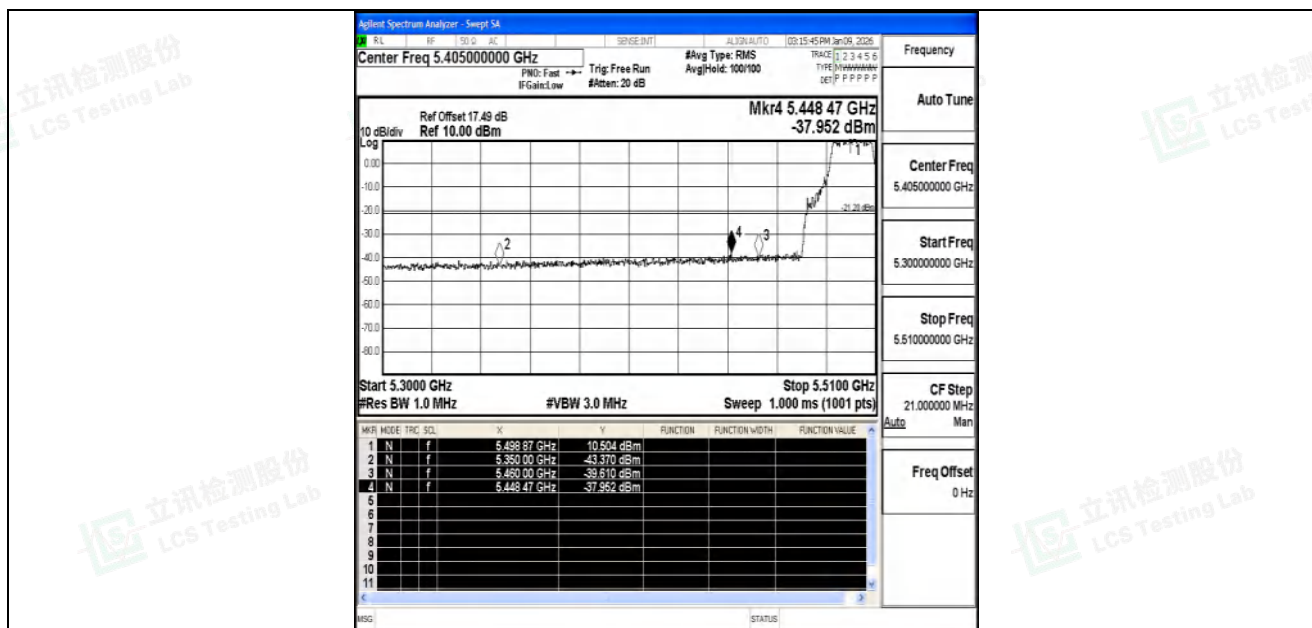


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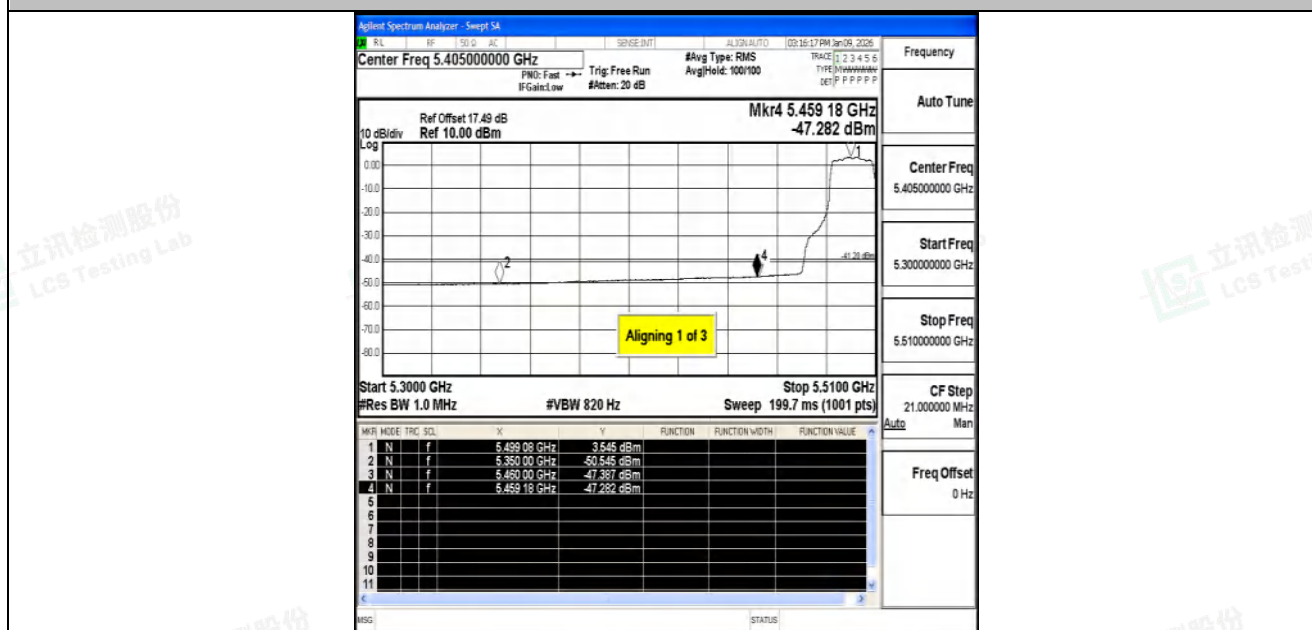
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11AC20SISO-Ant2-5500-PASS



11AC20SISO-Ant2-5500-PASS

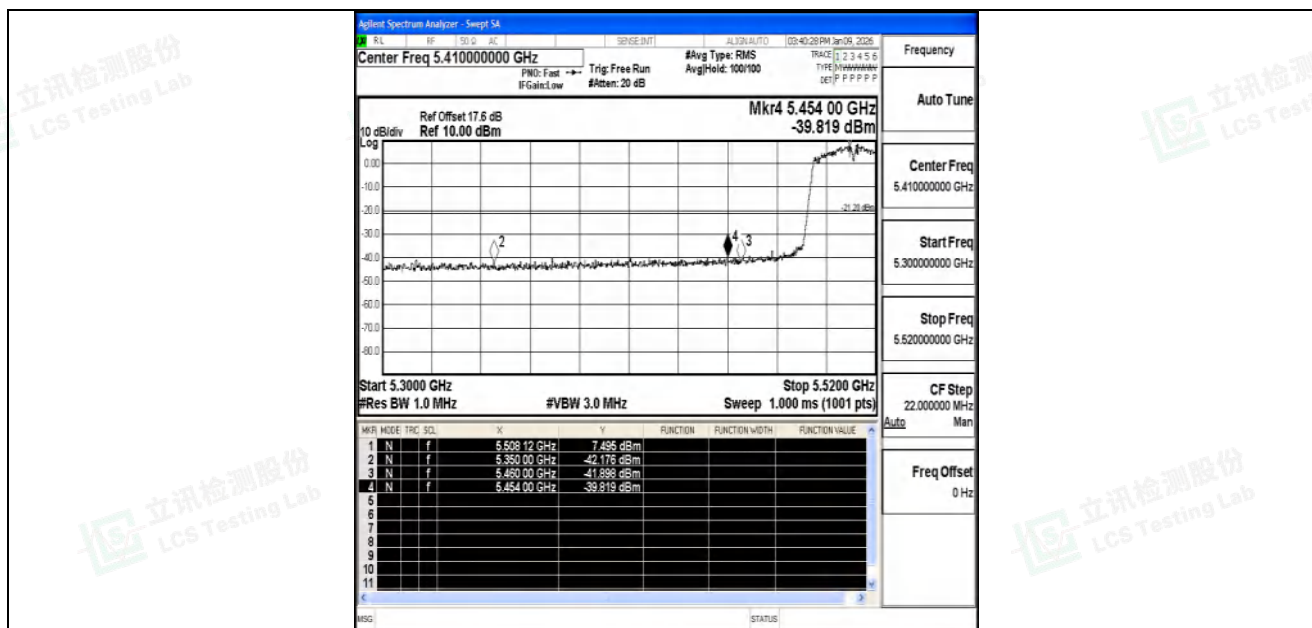


Shenzhen LCS Compliance Testing Laboratory Ltd.

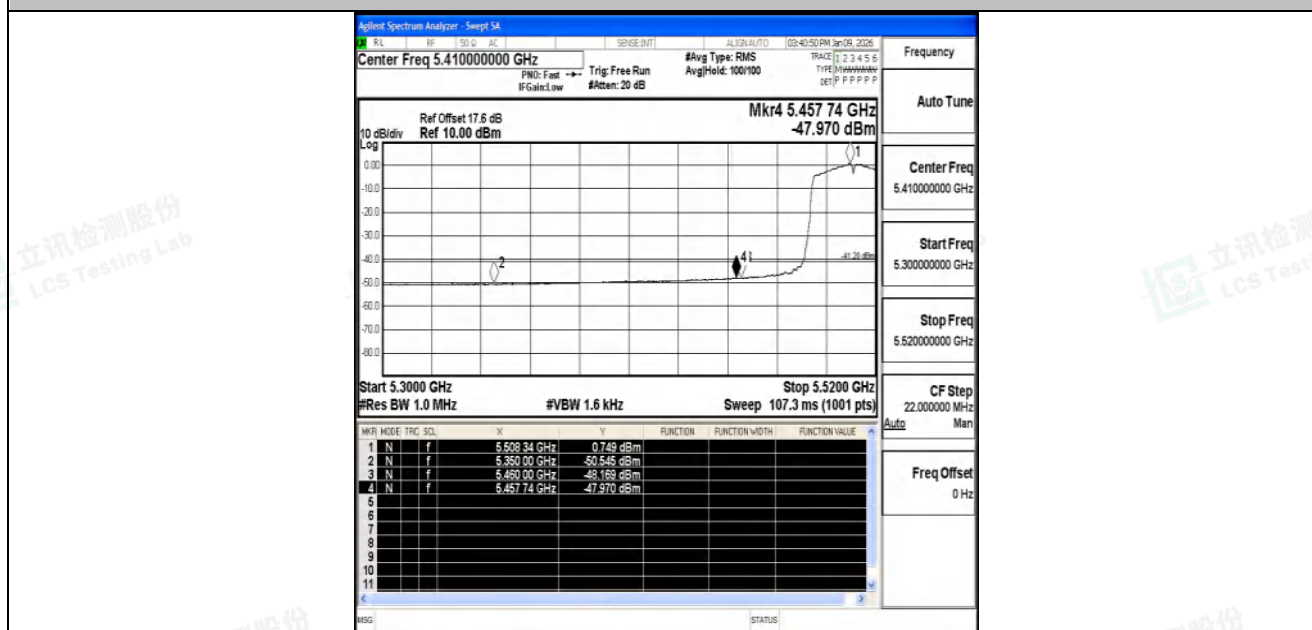
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11AC40SISO-Ant2-5510-PASS



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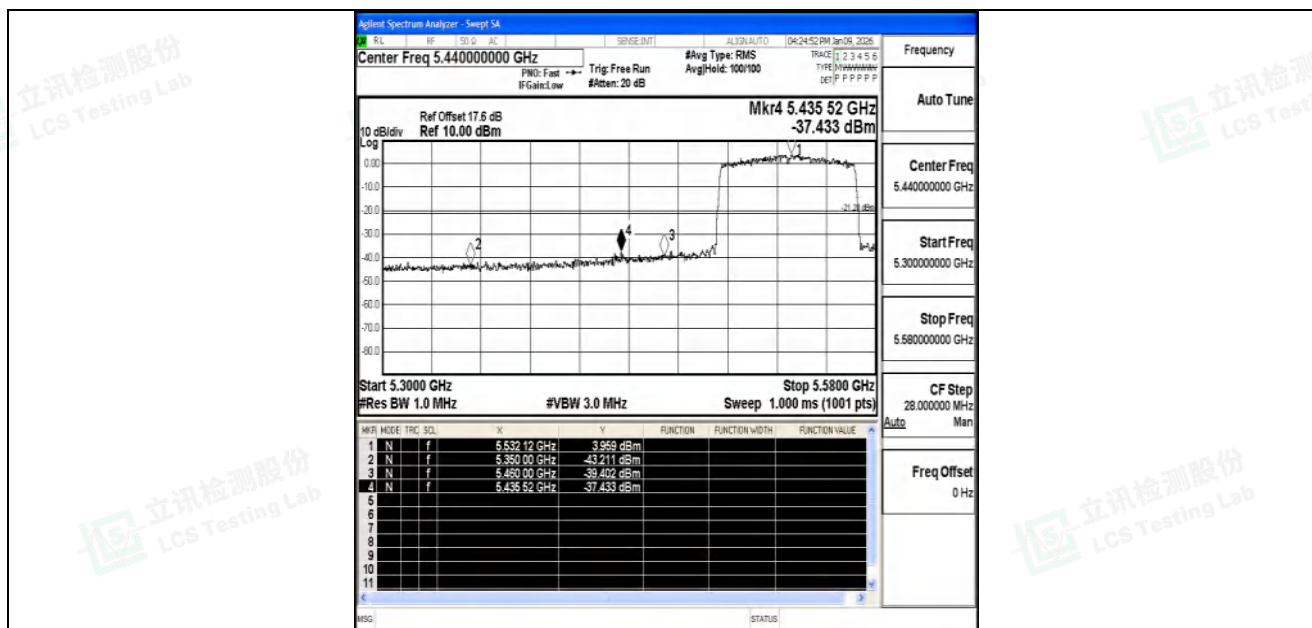


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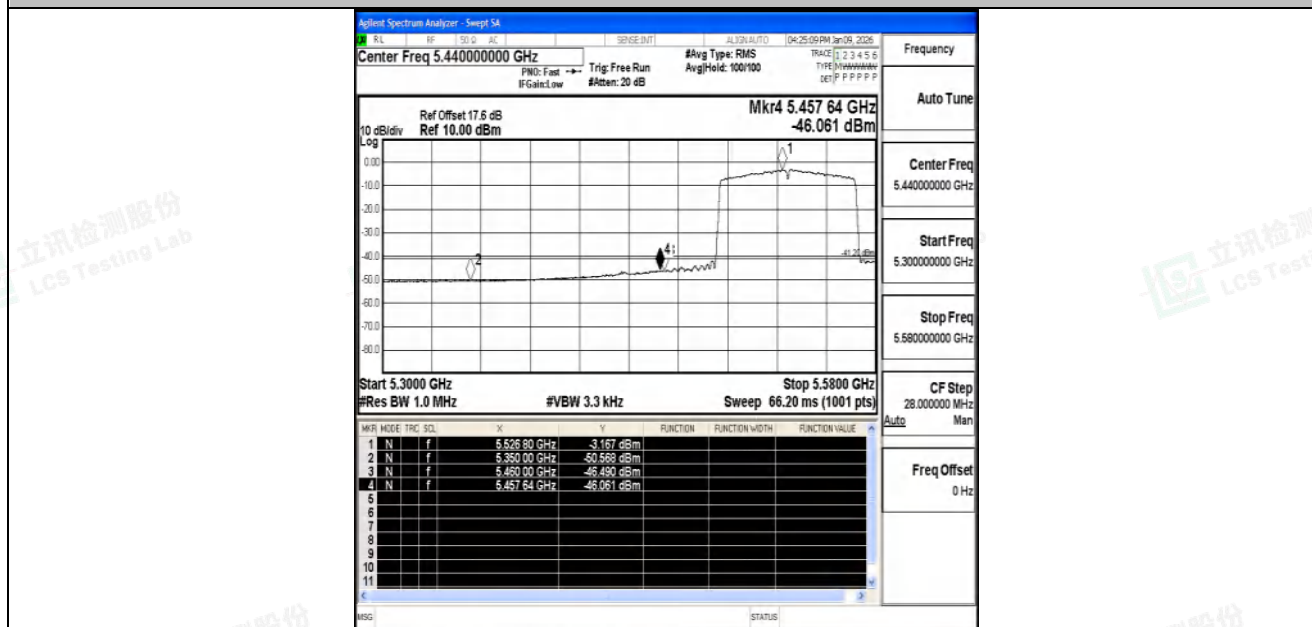
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11AC80SISO-Ant2-5530-PASS



11AC80SISO-Ant2-5530-PASS



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MIMO

Condition	Mode	Frequency (MHz)	Spur Freq (MHz)	Ant1 Power (dBm)	Ant2 Power (dBm)	Gain (dBi)	E (dBuV/m)	Detector	Limit (dBuV/m)	Verdict
NVNT	11N20SISO	5500	5350.000	-44.06	-44.63	8.31	62.21	Peak	74	Pass
NVNT	11N20SISO	5500	5460.000	-50.95	-42.07	8.31	62.00	Peak	74	Pass
NVNT	11N20SISO	5500	5459.810	-49.76	-49.88	8.31	56.73	Peak	74	Pass
NVNT	11N20SISO	5500	5350.000	-56.67	-51.54	8.31	53.16	AV	54	Pass
NVNT	11N20SISO	5500	5460.000	-58.65	-58.45	8.31	48.00	AV	54	Pass
NVNT	11N20SISO	5500	5459.810	-58.69	-58.4	8.31	48.01	AV	54	Pass
NVNT	11N40SISO	5510	5350.000	-65.28	-45.7	8.31	57.89	Peak	74	Pass
NVNT	11N40SISO	5510	5460.000	-43.32	-43.18	8.31	63.30	Peak	74	Pass
NVNT	11N40SISO	5510	5453.560	-51	-50.25	8.31	55.94	Peak	74	Pass
NVNT	11N40SISO	5510	5350.000	-56.77	-51.96	8.31	52.82	AV	54	Pass
NVNT	11N40SISO	5510	5460.000	-59.45	-59.4	8.31	47.12	AV	54	Pass
NVNT	11N40SISO	5510	5458.400	-59.34	-59.21	8.31	47.27	AV	54	Pass
NVNT	11AC20SISO	5500	5350.000	-44.25	-44.53	8.31	62.16	Peak	74	Pass
NVNT	11AC20SISO	5500	5460.000	-50.29	-50.77	8.31	56.02	Peak	74	Pass
NVNT	11AC20SISO	5500	5444.480	-49.23	-49.05	8.31	57.41	Peak	74	Pass
NVNT	11AC20SISO	5500	5350.000	-56.6	-51.71	8.31	53.05	AV	54	Pass
NVNT	11AC20SISO	5500	5460.000	-58.65	-58.44	8.31	48.00	AV	54	Pass
NVNT	11AC20SISO	5500	5458.970	-58.62	-58.39	8.31	48.04	AV	54	Pass
NVNT	11AC40SISO	5510	5350.000	-45.02	-43.29	8.31	62.48	Peak	74	Pass
NVNT	11AC40SISO	5510	5460.000	-42.95	-43.01	8.31	63.57	Peak	74	Pass
NVNT	11AC40SISO	5510	5459.500	-50.53	-50.95	8.31	55.81	Peak	74	Pass
NVNT	11AC40SISO	5510	5350.000	-52.08	-56.67	8.31	52.75	AV	54	Pass
NVNT	11AC40SISO	5510	5460.000	-59.41	-59.24	8.31	47.22	AV	54	Pass
NVNT	11AC40SISO	5510	5453.780	-59.38	-59.06	8.31	47.33	AV	54	Pass
NVNT	11AC80SISO	5530	5350.000	-44.2	-44.31	8.31	62.29	Peak	74	Pass
NVNT	11AC80SISO	5530	5460.000	-41.41	-50.53	8.31	62.63	Peak	74	Pass
NVNT	11AC80SISO	5530	5457.640	-49.82	-48.65	8.31	57.35	Peak	74	Pass
NVNT	11AC80SISO	5530	5350.000	-56.96	-51.75	8.31	52.93	AV	54	Pass
NVNT	11AC80SISO	5530	5460.000	-54.06	-57.65	8.31	51.05	AV	54	Pass
NVNT	11AC80SISO	5530	5457.360	-50.95	-67.13	8.31	52.69	AV	54	Pass



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F.5 Frequency Stability

Test Result

TestMode	Antenna	Frequency [MHz]	Voltage [Vdc]	Temperature (°C)	Deviation (Hz)	Deviation (ppm)	Limit (ppm)	Verdict
11A	Ant1	5500	NV	NT	-40000.00	-7.272727	20	PASS
11A	Ant1	5500	LV	NT	-60000.00	-10.909091	20	PASS
11A	Ant1	5500	HV	NT	-40000.00	-7.272727	20	PASS
11A	Ant1	5600	NV	NT	-60000.00	-10.714286	20	PASS
11A	Ant1	5600	LV	NT	-60000.00	-10.714286	20	PASS
11A	Ant1	5600	HV	NT	-60000.00	-10.714286	20	PASS
11A	Ant1	5700	NV	NT	-60000.00	-10.526316	20	PASS
11A	Ant1	5700	LV	NT	-60000.00	-10.526316	20	PASS
11A	Ant1	5700	HV	NT	-60000.00	-10.526316	20	PASS
11N20SISO	Ant1	5500	NV	NT	-60000.00	-10.909091	20	PASS
11N20SISO	Ant1	5500	LV	NT	-60000.00	-10.909091	20	PASS
11N20SISO	Ant1	5500	HV	NT	-60000.00	-10.909091	20	PASS
11N20SISO	Ant1	5600	NV	NT	-60000.00	-10.714286	20	PASS
11N20SISO	Ant1	5600	LV	NT	-60000.00	-10.714286	20	PASS
11N20SISO	Ant1	5600	HV	NT	-60000.00	-10.714286	20	PASS
11N20SISO	Ant1	5700	NV	NT	-60000.00	-10.526316	20	PASS
11N20SISO	Ant1	5700	LV	NT	-60000.00	-10.526316	20	PASS
11N20SISO	Ant1	5700	HV	NT	-60000.00	-10.526316	20	PASS
11N40SISO	Ant1	5510	NV	NT	-40000.00	-7.259528	20	PASS
11N40SISO	Ant1	5510	LV	NT	0.00	0.000000	20	PASS
11N40SISO	Ant1	5510	HV	NT	-40000.00	-7.259528	20	PASS
11N40SISO	Ant1	5590	NV	NT	-40000.00	-7.155635	20	PASS
11N40SISO	Ant1	5590	LV	NT	-40000.00	-7.155635	20	PASS
11N40SISO	Ant1	5590	HV	NT	-80000.00	-14.311270	20	PASS
11N40SISO	Ant1	5670	NV	NT	0.00	0.000000	20	PASS
11N40SISO	Ant1	5670	LV	NT	-40000.00	-7.054674	20	PASS
11N40SISO	Ant1	5670	HV	NT	-40000.00	-7.054674	20	PASS
11AC20SISO	Ant1	5500	NV	NT	-60000.00	-10.909091	20	PASS
11AC20SISO	Ant1	5500	LV	NT	-60000.00	-10.909091	20	PASS
11AC20SISO	Ant1	5500	HV	NT	-80000.00	-14.545455	20	PASS
11AC20SISO	Ant1	5600	NV	NT	-80000.00	-14.285714	20	PASS
11AC20SISO	Ant1	5600	LV	NT	-60000.00	-10.714286	20	PASS
11AC20SISO	Ant1	5600	HV	NT	-60000.00	-10.714286	20	PASS
11AC20SISO	Ant1	5700	NV	NT	-60000.00	-10.526316	20	PASS
11AC20SISO	Ant1	5700	LV	NT	-80000.00	-14.035088	20	PASS
11AC20SISO	Ant1	5700	HV	NT	-80000.00	-14.035088	20	PASS
11AC40SISO	Ant1	5510	NV	NT	-40000.00	-7.259528	20	PASS



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11AC40SISO	Ant1	5510	LV	NT	-40000.00	-7.259528	20	PASS
11AC40SISO	Ant1	5510	HV	NT	-40000.00	-7.259528	20	PASS
11AC40SISO	Ant1	5590	NV	NT	-40000.00	-7.155635	20	PASS
11AC40SISO	Ant1	5590	LV	NT	0.00	0.000000	20	PASS
11AC40SISO	Ant1	5590	HV	NT	-40000.00	-7.155635	20	PASS
11AC40SISO	Ant1	5670	NV	NT	-40000.00	-7.054674	20	PASS
11AC40SISO	Ant1	5670	LV	NT	-40000.00	-7.054674	20	PASS
11AC40SISO	Ant1	5670	HV	NT	-40000.00	-7.054674	20	PASS
11AC80SISO	Ant1	5530	NV	NT	-80000.00	-14.466546	20	PASS
11AC80SISO	Ant1	5530	LV	NT	-80000.00	-14.466546	20	PASS
11AC80SISO	Ant1	5530	HV	NT	-80000.00	-14.466546	20	PASS
11AC80SISO	Ant1	5610	NV	NT	-80000.00	-14.260250	20	PASS
11AC80SISO	Ant1	5610	LV	NT	0.00	0.000000	20	PASS
11AC80SISO	Ant1	5610	HV	NT	-80000.00	-14.260250	20	PASS

TestMode	Antenna	Frequency [MHz]	Voltage [Vdc]	Temperature (°C)	Deviation (Hz)	Deviation (ppm)	Limit (ppm)	Verdict
11A	Ant1	5500	NV	-30	-60000.00	-10.909091	20	PASS
11A	Ant1	5500	NV	-20	-40000.00	-7.272727	20	PASS
11A	Ant1	5500	NV	-10	-40000.00	-7.272727	20	PASS
11A	Ant1	5500	NV	0	-60000.00	-10.909091	20	PASS
11A	Ant1	5500	NV	10	-40000.00	-7.272727	20	PASS
11A	Ant1	5500	NV	20	-60000.00	-10.909091	20	PASS
11A	Ant1	5500	NV	30	-40000.00	-7.272727	20	PASS
11A	Ant1	5500	NV	40	-60000.00	-10.909091	20	PASS
11A	Ant1	5500	NV	50	-40000.00	-7.272727	20	PASS
11A	Ant1	5600	NV	-30	-60000.00	-10.714286	20	PASS
11A	Ant1	5600	NV	-20	-60000.00	-10.714286	20	PASS
11A	Ant1	5600	NV	-10	-60000.00	-10.714286	20	PASS
11A	Ant1	5600	NV	0	-60000.00	-10.714286	20	PASS
11A	Ant1	5600	NV	10	-60000.00	-10.714286	20	PASS
11A	Ant1	5600	NV	20	-60000.00	-10.714286	20	PASS
11A	Ant1	5600	NV	30	-60000.00	-10.714286	20	PASS
11A	Ant1	5600	NV	40	-40000.00	-7.142857	20	PASS
11A	Ant1	5600	NV	50	-60000.00	-10.714286	20	PASS
11A	Ant1	5700	NV	-30	-60000.00	-10.526316	20	PASS
11A	Ant1	5700	NV	-20	-60000.00	-10.526316	20	PASS
11A	Ant1	5700	NV	-10	-60000.00	-10.526316	20	PASS
11A	Ant1	5700	NV	0	-60000.00	-10.526316	20	PASS
11A	Ant1	5700	NV	10	-60000.00	-10.526316	20	PASS
11A	Ant1	5700	NV	20	-60000.00	-10.526316	20	PASS
11A	Ant1	5700	NV	30	-60000.00	-10.526316	20	PASS



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11A	Ant1	5700	NV	40	-60000.00	-10.526316	20	PASS
11A	Ant1	5700	NV	50	-60000.00	-10.526316	20	PASS
11N20SISO	Ant1	5500	NV	-30	-80000.00	-14.545455	20	PASS
11N20SISO	Ant1	5500	NV	-20	-80000.00	-14.545455	20	PASS
11N20SISO	Ant1	5500	NV	-10	-60000.00	-10.909091	20	PASS
11N20SISO	Ant1	5500	NV	0	-80000.00	-14.545455	20	PASS
11N20SISO	Ant1	5500	NV	10	-60000.00	-10.909091	20	PASS
11N20SISO	Ant1	5500	NV	20	-60000.00	-10.909091	20	PASS
11N20SISO	Ant1	5500	NV	30	-80000.00	-14.545455	20	PASS
11N20SISO	Ant1	5500	NV	40	-60000.00	-10.909091	20	PASS
11N20SISO	Ant1	5500	NV	50	-80000.00	-14.545455	20	PASS
11N20SISO	Ant1	5600	NV	-30	-80000.00	-14.285714	20	PASS
11N20SISO	Ant1	5600	NV	-20	-80000.00	-14.285714	20	PASS
11N20SISO	Ant1	5600	NV	-10	-60000.00	-10.714286	20	PASS
11N20SISO	Ant1	5600	NV	0	-60000.00	-10.714286	20	PASS
11N20SISO	Ant1	5600	NV	10	-40000.00	-7.142857	20	PASS
11N20SISO	Ant1	5600	NV	20	-60000.00	-10.714286	20	PASS
11N20SISO	Ant1	5600	NV	30	-80000.00	-14.285714	20	PASS
11N20SISO	Ant1	5600	NV	40	-80000.00	-14.285714	20	PASS
11N20SISO	Ant1	5600	NV	50	-80000.00	-14.285714	20	PASS
11N20SISO	Ant1	5700	NV	-30	-60000.00	-10.526316	20	PASS
11N20SISO	Ant1	5700	NV	-20	-80000.00	-14.035088	20	PASS
11N20SISO	Ant1	5700	NV	-10	-80000.00	-14.035088	20	PASS
11N20SISO	Ant1	5700	NV	0	-80000.00	-14.035088	20	PASS
11N20SISO	Ant1	5700	NV	10	-80000.00	-14.035088	20	PASS
11N20SISO	Ant1	5700	NV	20	-80000.00	-14.035088	20	PASS
11N20SISO	Ant1	5700	NV	30	-80000.00	-14.035088	20	PASS
11N20SISO	Ant1	5700	NV	40	-60000.00	-10.526316	20	PASS
11N20SISO	Ant1	5700	NV	50	-80000.00	-14.035088	20	PASS
11N40SISO	Ant1	5510	NV	-30	-40000.00	-7.259528	20	PASS
11N40SISO	Ant1	5510	NV	-20	-40000.00	-7.259528	20	PASS
11N40SISO	Ant1	5510	NV	-10	-40000.00	-7.259528	20	PASS
11N40SISO	Ant1	5510	NV	0	-80000.00	-14.519056	20	PASS
11N40SISO	Ant1	5510	NV	10	-40000.00	-7.259528	20	PASS
11N40SISO	Ant1	5510	NV	20	-40000.00	-7.259528	20	PASS
11N40SISO	Ant1	5510	NV	30	-40000.00	-7.259528	20	PASS
11N40SISO	Ant1	5510	NV	40	-40000.00	-7.259528	20	PASS
11N40SISO	Ant1	5510	NV	50	-40000.00	-7.259528	20	PASS
11N40SISO	Ant1	5590	NV	-30	-40000.00	-7.155635	20	PASS
11N40SISO	Ant1	5590	NV	-20	-40000.00	-7.155635	20	PASS
11N40SISO	Ant1	5590	NV	-10	-40000.00	-7.155635	20	PASS
11N40SISO	Ant1	5590	NV	0	-80000.00	-14.311270	20	PASS



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11N40SISO	Ant1	5590	NV	10	-40000.00	-7.155635	20	PASS
11N40SISO	Ant1	5590	NV	20	-80000.00	-14.311270	20	PASS
11N40SISO	Ant1	5590	NV	30	-80000.00	-14.311270	20	PASS
11N40SISO	Ant1	5590	NV	40	-40000.00	-7.155635	20	PASS
11N40SISO	Ant1	5590	NV	50	-40000.00	-7.155635	20	PASS
11N40SISO	Ant1	5670	NV	-30	-80000.00	-14.109347	20	PASS
11N40SISO	Ant1	5670	NV	-20	-80000.00	-14.109347	20	PASS
11N40SISO	Ant1	5670	NV	-10	-80000.00	-14.109347	20	PASS
11N40SISO	Ant1	5670	NV	0	-80000.00	-14.109347	20	PASS
11N40SISO	Ant1	5670	NV	10	-40000.00	-7.054674	20	PASS
11N40SISO	Ant1	5670	NV	20	-40000.00	-7.054674	20	PASS
11N40SISO	Ant1	5670	NV	30	-40000.00	-7.054674	20	PASS
11N40SISO	Ant1	5670	NV	40	-40000.00	-7.054674	20	PASS
11N40SISO	Ant1	5670	NV	50	-80000.00	-14.109347	20	PASS
11AC20SISO	Ant1	5500	NV	-30	-80000.00	-14.545455	20	PASS
11AC20SISO	Ant1	5500	NV	-20	-60000.00	-10.909091	20	PASS
11AC20SISO	Ant1	5500	NV	-10	-80000.00	-14.545455	20	PASS
11AC20SISO	Ant1	5500	NV	0	-80000.00	-14.545455	20	PASS
11AC20SISO	Ant1	5500	NV	10	-80000.00	-14.545455	20	PASS
11AC20SISO	Ant1	5500	NV	20	-80000.00	-14.545455	20	PASS
11AC20SISO	Ant1	5500	NV	30	-80000.00	-14.545455	20	PASS
11AC20SISO	Ant1	5500	NV	40	-60000.00	-10.909091	20	PASS
11AC20SISO	Ant1	5500	NV	50	-60000.00	-10.909091	20	PASS
11AC20SISO	Ant1	5600	NV	-30	-80000.00	-14.285714	20	PASS
11AC20SISO	Ant1	5600	NV	-20	-80000.00	-14.285714	20	PASS
11AC20SISO	Ant1	5600	NV	-10	-80000.00	-14.285714	20	PASS
11AC20SISO	Ant1	5600	NV	0	-80000.00	-14.285714	20	PASS
11AC20SISO	Ant1	5600	NV	10	-80000.00	-14.285714	20	PASS
11AC20SISO	Ant1	5600	NV	20	-80000.00	-14.285714	20	PASS



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O								
11AC20SIS O	Ant1	5600	NV	30	-80000.00	-14.285714	20	PASS
11AC20SIS O	Ant1	5600	NV	40	-80000.00	-14.285714	20	PASS
11AC20SIS O	Ant1	5600	NV	50	-80000.00	-14.285714	20	PASS
11AC20SIS O	Ant1	5700	NV	-30	-80000.00	-14.035088	20	PASS
11AC20SIS O	Ant1	5700	NV	-20	-80000.00	-14.035088	20	PASS
11AC20SIS O	Ant1	5700	NV	-10	-80000.00	-14.035088	20	PASS
11AC20SIS O	Ant1	5700	NV	0	-80000.00	-14.035088	20	PASS
11AC20SIS O	Ant1	5700	NV	10	-60000.00	-10.526316	20	PASS
11AC20SIS O	Ant1	5700	NV	20	-80000.00	-14.035088	20	PASS
11AC20SIS O	Ant1	5700	NV	30	-80000.00	-14.035088	20	PASS
11AC20SIS O	Ant1	5700	NV	40	-80000.00	-14.035088	20	PASS
11AC20SIS O	Ant1	5700	NV	50	-60000.00	-10.526316	20	PASS
11AC40SIS O	Ant1	5510	NV	-30	-40000.00	-7.259528	20	PASS
11AC40SIS O	Ant1	5510	NV	-20	-40000.00	-7.259528	20	PASS
11AC40SIS O	Ant1	5510	NV	-10	-40000.00	-7.259528	20	PASS
11AC40SIS O	Ant1	5510	NV	0	-40000.00	-7.259528	20	PASS
11AC40SIS O	Ant1	5510	NV	10	-40000.00	-7.259528	20	PASS
11AC40SIS O	Ant1	5510	NV	20	-80000.00	-14.519056	20	PASS
11AC40SIS O	Ant1	5510	NV	30	-40000.00	-7.259528	20	PASS
11AC40SIS O	Ant1	5510	NV	40	0.00	0.000000	20	PASS
11AC40SIS O	Ant1	5510	NV	50	-40000.00	-7.259528	20	PASS



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11AC40SIS O	Ant1	5590	NV	-30	0.00	0.000000	20	PASS
11AC40SIS O	Ant1	5590	NV	-20	-40000.00	-7.155635	20	PASS
11AC40SIS O	Ant1	5590	NV	-10	-40000.00	-7.155635	20	PASS
11AC40SIS O	Ant1	5590	NV	0	-40000.00	-7.155635	20	PASS
11AC40SIS O	Ant1	5590	NV	10	-40000.00	-7.155635	20	PASS
11AC40SIS O	Ant1	5590	NV	20	-40000.00	-7.155635	20	PASS
11AC40SIS O	Ant1	5590	NV	30	-40000.00	-7.155635	20	PASS
11AC40SIS O	Ant1	5590	NV	40	-40000.00	-7.155635	20	PASS
11AC40SIS O	Ant1	5590	NV	50	0.00	0.000000	20	PASS
11AC40SIS O	Ant1	5670	NV	-30	-40000.00	-7.054674	20	PASS
11AC40SIS O	Ant1	5670	NV	-20	-40000.00	-7.054674	20	PASS
11AC40SIS O	Ant1	5670	NV	-10	-40000.00	-7.054674	20	PASS
11AC40SIS O	Ant1	5670	NV	0	-40000.00	-7.054674	20	PASS
11AC40SIS O	Ant1	5670	NV	10	-40000.00	-7.054674	20	PASS
11AC40SIS O	Ant1	5670	NV	20	-40000.00	-7.054674	20	PASS
11AC40SIS O	Ant1	5670	NV	30	-40000.00	-7.054674	20	PASS
11AC40SIS O	Ant1	5670	NV	40	-40000.00	-7.054674	20	PASS
11AC40SIS O	Ant1	5670	NV	50	-40000.00	-7.054674	20	PASS
11AC80SIS O	Ant1	5530	NV	-30	-80000.00	-14.466546	20	PASS
11AC80SIS O	Ant1	5530	NV	-20	-80000.00	-14.466546	20	PASS
11AC80SIS O	Ant1	5530	NV	-10	-80000.00	-14.466546	20	PASS
11AC80SIS	Ant1	5530	NV	0	-80000.00	-14.466546	20	PASS



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O								
11AC80SIS O	Ant1	5530	NV	10	-80000.00	-14.466546	20	PASS
11AC80SIS O	Ant1	5530	NV	20	-80000.00	-14.466546	20	PASS
11AC80SIS O	Ant1	5530	NV	30	-80000.00	-14.466546	20	PASS
11AC80SIS O	Ant1	5530	NV	40	-80000.00	-14.466546	20	PASS
11AC80SIS O	Ant1	5530	NV	50	-80000.00	-14.466546	20	PASS
11AC80SIS O	Ant1	5610	NV	-30	0.00	0.000000	20	PASS
11AC80SIS O	Ant1	5610	NV	-20	-80000.00	-14.260250	20	PASS
11AC80SIS O	Ant1	5610	NV	-10	0.00	0.000000	20	PASS
11AC80SIS O	Ant1	5610	NV	0	-80000.00	-14.260250	20	PASS
11AC80SIS O	Ant1	5610	NV	10	0.00	0.000000	20	PASS
11AC80SIS O	Ant1	5610	NV	20	-80000.00	-14.260250	20	PASS
11AC80SIS O	Ant1	5610	NV	30	-80000.00	-14.260250	20	PASS
11AC80SIS O	Ant1	5610	NV	40	0.00	0.000000	20	PASS
11AC80SIS O	Ant1	5610	NV	50	0.00	0.000000	20	PASS



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Test Result

TestMode	Antenna	Frequenc y[MHz]	Voltage [Vdc]	Temperat ure (°C)	Deviation (Hz)	Deviation (ppm)	Limit (ppm)	Verdict
11A	Ant2	5500	NV	NT	-60000.00	-10.909091	20	PASS
11A	Ant2	5500	LV	NT	-60000.00	-10.909091	20	PASS
11A	Ant2	5500	HV	NT	-60000.00	-10.909091	20	PASS
11A	Ant2	5600	NV	NT	-40000.00	-7.142857	20	PASS
11A	Ant2	5600	LV	NT	-60000.00	-10.714286	20	PASS
11A	Ant2	5600	HV	NT	-60000.00	-10.714286	20	PASS
11A	Ant2	5700	NV	NT	-80000.00	-14.035088	20	PASS
11A	Ant2	5700	LV	NT	-40000.00	-7.017544	20	PASS
11A	Ant2	5700	HV	NT	-60000.00	-10.526316	20	PASS
11N20SISO	Ant2	5500	NV	NT	-60000.00	-10.909091	20	PASS
11N20SISO	Ant2	5500	LV	NT	-80000.00	-14.545455	20	PASS
11N20SISO	Ant2	5500	HV	NT	-80000.00	-14.545455	20	PASS
11N20SISO	Ant2	5600	NV	NT	-60000.00	-10.714286	20	PASS
11N20SISO	Ant2	5600	LV	NT	-60000.00	-10.714286	20	PASS
11N20SISO	Ant2	5600	HV	NT	-80000.00	-14.285714	20	PASS
11N20SISO	Ant2	5700	NV	NT	-80000.00	-14.035088	20	PASS
11N20SISO	Ant2	5700	LV	NT	-60000.00	-10.526316	20	PASS
11N20SISO	Ant2	5700	HV	NT	-80000.00	-14.035088	20	PASS
11N40SISO	Ant2	5510	NV	NT	-40000.00	-7.259528	20	PASS
11N40SISO	Ant2	5510	LV	NT	-80000.00	-14.519056	20	PASS
11N40SISO	Ant2	5510	HV	NT	-40000.00	-7.259528	20	PASS
11N40SISO	Ant2	5590	NV	NT	0.00	0.000000	20	PASS
11N40SISO	Ant2	5590	LV	NT	0.00	0.000000	20	PASS
11N40SISO	Ant2	5590	HV	NT	-40000.00	-7.155635	20	PASS
11N40SISO	Ant2	5670	NV	NT	-40000.00	-7.054674	20	PASS
11N40SISO	Ant2	5670	LV	NT	-40000.00	-7.054674	20	PASS
11N40SISO	Ant2	5670	HV	NT	0.00	0.000000	20	PASS
11AC20SISO	Ant2	5500	NV	NT	-80000.00	-14.545455	20	PASS
11AC20SISO	Ant2	5500	LV	NT	-80000.00	-14.545455	20	PASS
11AC20SISO	Ant2	5500	HV	NT	-80000.00	-14.545455	20	PASS
11AC20SISO	Ant2	5600	NV	NT	-60000.00	-10.714286	20	PASS
11AC20SISO	Ant2	5600	LV	NT	-60000.00	-10.714286	20	PASS
11AC20SISO	Ant2	5600	HV	NT	-60000.00	-10.714286	20	PASS
11AC20SISO	Ant2	5700	NV	NT	-80000.00	-14.035088	20	PASS
11AC20SISO	Ant2	5700	LV	NT	-80000.00	-14.035088	20	PASS
11AC20SISO	Ant2	5700	HV	NT	-80000.00	-14.035088	20	PASS
11AC40SISO	Ant2	5510	NV	NT	-40000.00	-7.259528	20	PASS
11AC40SISO	Ant2	5510	LV	NT	-40000.00	-7.259528	20	PASS



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11AC40SISO	Ant2	5510	HV	NT	-40000.00	-7.259528	20	PASS
11AC40SISO	Ant2	5590	NV	NT	-40000.00	-7.155635	20	PASS
11AC40SISO	Ant2	5590	LV	NT	-40000.00	-7.155635	20	PASS
11AC40SISO	Ant2	5590	HV	NT	-80000.00	-14.311270	20	PASS
11AC40SISO	Ant2	5670	NV	NT	-40000.00	-7.054674	20	PASS
11AC40SISO	Ant2	5670	LV	NT	-80000.00	-14.109347	20	PASS
11AC40SISO	Ant2	5670	HV	NT	-80000.00	-14.109347	20	PASS
11AC80SISO	Ant2	5530	NV	NT	-80000.00	-14.466546	20	PASS
11AC80SISO	Ant2	5530	LV	NT	-80000.00	-14.466546	20	PASS
11AC80SISO	Ant2	5530	HV	NT	-80000.00	-14.466546	20	PASS
11AC80SISO	Ant2	5610	NV	NT	0.00	0.000000	20	PASS
11AC80SISO	Ant2	5610	LV	NT	0.00	0.000000	20	PASS
11AC80SISO	Ant2	5610	HV	NT	-80000.00	-14.260250	20	PASS

TestMode	Antenna	Frequenc y[MHz]	Voltage [Vdc]	Temperat ure (°C)	Deviation (Hz)	Deviation (ppm)	Limit (ppm)	Verdict
11A	Ant2	5500	NV	-30	-60000.00	-10.909091	20	PASS
11A	Ant2	5500	NV	-20	-60000.00	-10.909091	20	PASS
11A	Ant2	5500	NV	-10	-60000.00	-10.909091	20	PASS
11A	Ant2	5500	NV	0	-60000.00	-10.909091	20	PASS
11A	Ant2	5500	NV	10	-60000.00	-10.909091	20	PASS
11A	Ant2	5500	NV	20	-80000.00	-14.545455	20	PASS
11A	Ant2	5500	NV	30	-60000.00	-10.909091	20	PASS
11A	Ant2	5500	NV	40	-40000.00	-7.272727	20	PASS
11A	Ant2	5500	NV	50	-60000.00	-10.909091	20	PASS
11A	Ant2	5600	NV	-30	-60000.00	-10.714286	20	PASS
11A	Ant2	5600	NV	-20	-60000.00	-10.714286	20	PASS
11A	Ant2	5600	NV	-10	-60000.00	-10.714286	20	PASS
11A	Ant2	5600	NV	0	-60000.00	-10.714286	20	PASS
11A	Ant2	5600	NV	10	-60000.00	-10.714286	20	PASS
11A	Ant2	5600	NV	20	-60000.00	-10.714286	20	PASS
11A	Ant2	5600	NV	30	-60000.00	-10.714286	20	PASS
11A	Ant2	5600	NV	40	-60000.00	-10.714286	20	PASS
11A	Ant2	5600	NV	50	-60000.00	-10.714286	20	PASS
11A	Ant2	5700	NV	-30	-60000.00	-10.526316	20	PASS
11A	Ant2	5700	NV	-20	-60000.00	-10.526316	20	PASS
11A	Ant2	5700	NV	-10	-60000.00	-10.526316	20	PASS
11A	Ant2	5700	NV	0	-60000.00	-10.526316	20	PASS
11A	Ant2	5700	NV	10	-60000.00	-10.526316	20	PASS
11A	Ant2	5700	NV	20	-60000.00	-10.526316	20	PASS
11A	Ant2	5700	NV	30	-60000.00	-10.526316	20	PASS
11A	Ant2	5700	NV	40	-60000.00	-10.526316	20	PASS



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11A	Ant2	5700	NV	50	-60000.00	-10.526316	20	PASS
11N20SISO	Ant2	5500	NV	-30	-80000.00	-14.545455	20	PASS
11N20SISO	Ant2	5500	NV	-20	-80000.00	-14.545455	20	PASS
11N20SISO	Ant2	5500	NV	-10	-80000.00	-14.545455	20	PASS
11N20SISO	Ant2	5500	NV	0	-80000.00	-14.545455	20	PASS
11N20SISO	Ant2	5500	NV	10	-80000.00	-14.545455	20	PASS
11N20SISO	Ant2	5500	NV	20	-80000.00	-14.545455	20	PASS
11N20SISO	Ant2	5500	NV	30	-80000.00	-14.545455	20	PASS
11N20SISO	Ant2	5500	NV	40	-80000.00	-14.545455	20	PASS
11N20SISO	Ant2	5500	NV	50	-80000.00	-14.545455	20	PASS
11N20SISO	Ant2	5600	NV	-30	-40000.00	-7.142857	20	PASS
11N20SISO	Ant2	5600	NV	-20	-80000.00	-14.285714	20	PASS
11N20SISO	Ant2	5600	NV	-10	-80000.00	-14.285714	20	PASS
11N20SISO	Ant2	5600	NV	0	-80000.00	-14.285714	20	PASS
11N20SISO	Ant2	5600	NV	10	-80000.00	-14.285714	20	PASS
11N20SISO	Ant2	5600	NV	20	-60000.00	-10.714286	20	PASS
11N20SISO	Ant2	5600	NV	30	-80000.00	-14.285714	20	PASS
11N20SISO	Ant2	5600	NV	40	-80000.00	-14.285714	20	PASS
11N20SISO	Ant2	5600	NV	50	-60000.00	-10.714286	20	PASS
11N20SISO	Ant2	5700	NV	-30	-80000.00	-14.035088	20	PASS
11N20SISO	Ant2	5700	NV	-20	-80000.00	-14.035088	20	PASS
11N20SISO	Ant2	5700	NV	-10	-80000.00	-14.035088	20	PASS
11N20SISO	Ant2	5700	NV	0	-80000.00	-14.035088	20	PASS
11N20SISO	Ant2	5700	NV	10	-80000.00	-14.035088	20	PASS
11N20SISO	Ant2	5700	NV	20	-80000.00	-14.035088	20	PASS
11N20SISO	Ant2	5700	NV	30	-80000.00	-14.035088	20	PASS
11N20SISO	Ant2	5700	NV	40	-80000.00	-14.035088	20	PASS
11N20SISO	Ant2	5700	NV	50	-80000.00	-14.035088	20	PASS
11N40SISO	Ant2	5510	NV	-30	-40000.00	-7.259528	20	PASS
11N40SISO	Ant2	5510	NV	-20	-40000.00	-7.259528	20	PASS
11N40SISO	Ant2	5510	NV	-10	-40000.00	-7.259528	20	PASS
11N40SISO	Ant2	5510	NV	0	-40000.00	-7.259528	20	PASS
11N40SISO	Ant2	5510	NV	10	-40000.00	-7.259528	20	PASS
11N40SISO	Ant2	5510	NV	20	-40000.00	-7.259528	20	PASS
11N40SISO	Ant2	5510	NV	30	-40000.00	-7.259528	20	PASS
11N40SISO	Ant2	5510	NV	40	-40000.00	-7.259528	20	PASS
11N40SISO	Ant2	5510	NV	50	-40000.00	-7.259528	20	PASS
11N40SISO	Ant2	5590	NV	-30	-40000.00	-7.155635	20	PASS
11N40SISO	Ant2	5590	NV	-20	0.00	0.000000	20	PASS
11N40SISO	Ant2	5590	NV	-10	0.00	0.000000	20	PASS
11N40SISO	Ant2	5590	NV	0	-40000.00	-7.155635	20	PASS
11N40SISO	Ant2	5590	NV	10	-40000.00	-7.155635	20	PASS



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11N40SISO	Ant2	5590	NV	20	0.00	0.000000	20	PASS
11N40SISO	Ant2	5590	NV	30	0.00	0.000000	20	PASS
11N40SISO	Ant2	5590	NV	40	-40000.00	-7.155635	20	PASS
11N40SISO	Ant2	5590	NV	50	0.00	0.000000	20	PASS
11N40SISO	Ant2	5670	NV	-30	-40000.00	-7.054674	20	PASS
11N40SISO	Ant2	5670	NV	-20	-40000.00	-7.054674	20	PASS
11N40SISO	Ant2	5670	NV	-10	-40000.00	-7.054674	20	PASS
11N40SISO	Ant2	5670	NV	0	-40000.00	-7.054674	20	PASS
11N40SISO	Ant2	5670	NV	10	-40000.00	-7.054674	20	PASS
11N40SISO	Ant2	5670	NV	20	-80000.00	-14.109347	20	PASS
11N40SISO	Ant2	5670	NV	30	-80000.00	-14.109347	20	PASS
11N40SISO	Ant2	5670	NV	40	-80000.00	-14.109347	20	PASS
11N40SISO	Ant2	5670	NV	50	-80000.00	-14.109347	20	PASS
11AC20SISO	Ant2	5500	NV	-30	-80000.00	-14.545455	20	PASS
11AC20SISO	Ant2	5500	NV	-20	-80000.00	-14.545455	20	PASS
11AC20SISO	Ant2	5500	NV	-10	-80000.00	-14.545455	20	PASS
11AC20SISO	Ant2	5500	NV	0	-60000.00	-10.909091	20	PASS
11AC20SISO	Ant2	5500	NV	10	-80000.00	-14.545455	20	PASS
11AC20SISO	Ant2	5500	NV	20	-80000.00	-14.545455	20	PASS
11AC20SISO	Ant2	5500	NV	30	-80000.00	-14.545455	20	PASS
11AC20SISO	Ant2	5500	NV	40	-80000.00	-14.545455	20	PASS
11AC20SISO	Ant2	5500	NV	50	-80000.00	-14.545455	20	PASS
11AC20SISO	Ant2	5600	NV	-30	-60000.00	-10.714286	20	PASS
11AC20SISO	Ant2	5600	NV	-20	-60000.00	-10.714286	20	PASS
11AC20SISO	Ant2	5600	NV	-10	-60000.00	-10.714286	20	PASS
11AC20SISO	Ant2	5600	NV	0	-80000.00	-14.285714	20	PASS
11AC20SISO	Ant2	5600	NV	10	-60000.00	-10.714286	20	PASS
11AC20SISO	Ant2	5600	NV	20	-60000.00	-10.714286	20	PASS



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11AC20SIS O	Ant2	5600	NV	30	-60000.00	-10.714286	20	PASS
11AC20SIS O	Ant2	5600	NV	40	-60000.00	-10.714286	20	PASS
11AC20SIS O	Ant2	5600	NV	50	-80000.00	-14.285714	20	PASS
11AC20SIS O	Ant2	5700	NV	-30	-60000.00	-10.526316	20	PASS
11AC20SIS O	Ant2	5700	NV	-20	-80000.00	-14.035088	20	PASS
11AC20SIS O	Ant2	5700	NV	-10	-60000.00	-10.526316	20	PASS
11AC20SIS O	Ant2	5700	NV	0	-80000.00	-14.035088	20	PASS
11AC20SIS O	Ant2	5700	NV	10	-80000.00	-14.035088	20	PASS
11AC20SIS O	Ant2	5700	NV	20	-80000.00	-14.035088	20	PASS
11AC20SIS O	Ant2	5700	NV	30	-80000.00	-14.035088	20	PASS
11AC20SIS O	Ant2	5700	NV	40	-80000.00	-14.035088	20	PASS
11AC20SIS O	Ant2	5700	NV	50	-80000.00	-14.035088	20	PASS
11AC40SIS O	Ant2	5510	NV	-30	-80000.00	-14.519056	20	PASS
11AC40SIS O	Ant2	5510	NV	-20	-80000.00	-14.519056	20	PASS
11AC40SIS O	Ant2	5510	NV	-10	0.00	0.000000	20	PASS
11AC40SIS O	Ant2	5510	NV	0	-40000.00	-7.259528	20	PASS
11AC40SIS O	Ant2	5510	NV	10	-40000.00	-7.259528	20	PASS
11AC40SIS O	Ant2	5510	NV	20	-40000.00	-7.259528	20	PASS
11AC40SIS O	Ant2	5510	NV	30	-40000.00	-7.259528	20	PASS
11AC40SIS O	Ant2	5510	NV	40	-40000.00	-7.259528	20	PASS
11AC40SIS O	Ant2	5510	NV	50	-40000.00	-7.259528	20	PASS
11AC40SIS	Ant2	5590	NV	-30	-40000.00	-7.155635	20	PASS



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O								
11AC40SIS O	Ant2	5590	NV	-20	-80000.00	-14.311270	20	PASS
11AC40SIS O	Ant2	5590	NV	-10	-80000.00	-14.311270	20	PASS
11AC40SIS O	Ant2	5590	NV	0	-80000.00	-14.311270	20	PASS
11AC40SIS O	Ant2	5590	NV	10	-40000.00	-7.155635	20	PASS
11AC40SIS O	Ant2	5590	NV	20	-40000.00	-7.155635	20	PASS
11AC40SIS O	Ant2	5590	NV	30	-40000.00	-7.155635	20	PASS
11AC40SIS O	Ant2	5590	NV	40	-80000.00	-14.311270	20	PASS
11AC40SIS O	Ant2	5590	NV	50	-40000.00	-7.155635	20	PASS
11AC40SIS O	Ant2	5670	NV	-30	-40000.00	-7.054674	20	PASS
11AC40SIS O	Ant2	5670	NV	-20	-80000.00	-14.109347	20	PASS
11AC40SIS O	Ant2	5670	NV	-10	-40000.00	-7.054674	20	PASS
11AC40SIS O	Ant2	5670	NV	0	-40000.00	-7.054674	20	PASS
11AC40SIS O	Ant2	5670	NV	10	-40000.00	-7.054674	20	PASS
11AC40SIS O	Ant2	5670	NV	20	-40000.00	-7.054674	20	PASS
11AC40SIS O	Ant2	5670	NV	30	-40000.00	-7.054674	20	PASS
11AC40SIS O	Ant2	5670	NV	40	-40000.00	-7.054674	20	PASS
11AC40SIS O	Ant2	5670	NV	50	-80000.00	-14.109347	20	PASS
11AC80SIS O	Ant2	5530	NV	-30	-80000.00	-14.466546	20	PASS
11AC80SIS O	Ant2	5530	NV	-20	-80000.00	-14.466546	20	PASS
11AC80SIS O	Ant2	5530	NV	-10	-80000.00	-14.466546	20	PASS
11AC80SIS O	Ant2	5530	NV	0	-80000.00	-14.466546	20	PASS



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11AC80SIS O	Ant2	5530	NV	10	-80000.00	-14.466546	20	PASS
11AC80SIS O	Ant2	5530	NV	20	-80000.00	-14.466546	20	PASS
11AC80SIS O	Ant2	5530	NV	30	0.00	0.000000	20	PASS
11AC80SIS O	Ant2	5530	NV	40	-80000.00	-14.466546	20	PASS
11AC80SIS O	Ant2	5530	NV	50	-80000.00	-14.466546	20	PASS
11AC80SIS O	Ant2	5610	NV	-30	-80000.00	-14.260250	20	PASS
11AC80SIS O	Ant2	5610	NV	-20	-80000.00	-14.260250	20	PASS
11AC80SIS O	Ant2	5610	NV	-10	-80000.00	-14.260250	20	PASS
11AC80SIS O	Ant2	5610	NV	0	-80000.00	-14.260250	20	PASS
11AC80SIS O	Ant2	5610	NV	10	-80000.00	-14.260250	20	PASS
11AC80SIS O	Ant2	5610	NV	20	-80000.00	-14.260250	20	PASS
11AC80SIS O	Ant2	5610	NV	30	0.00	0.000000	20	PASS
11AC80SIS O	Ant2	5610	NV	40	-80000.00	-14.260250	20	PASS
11AC80SIS O	Ant2	5610	NV	50	-80000.00	-14.260250	20	PASS



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F.6 Duty Cycle

Test Result

TestMode	Antenna	Frequency[MHz]	Transmission Duration [ms]	Transmission Period [ms]	Duty Cycle [%]	Dc Factor [%]	1/T
11A	Ant1	5500	1.39	2.03	68.47	1.64	0.72
11A	Ant1	5600	1.39	1.42	97.89	0.09	0.72
11A	Ant1	5700	1.39	1.42	97.89	0.09	0.72
11N20SISO	Ant1	5500	1.30	1.34	97.01	0.13	0.77
11N20SISO	Ant1	5600	1.30	1.34	97.01	0.13	0.77
11N20SISO	Ant1	5700	1.30	1.33	97.74	0.10	0.77
11N40SISO	Ant1	5510	0.65	0.68	95.59	0.20	1.54
11N40SISO	Ant1	5590	0.65	0.69	94.20	0.26	1.54
11N40SISO	Ant1	5670	0.65	0.69	94.20	0.26	1.54
11AC20SISO	Ant1	5500	1.31	1.35	97.04	0.13	0.76
11AC20SISO	Ant1	5600	1.31	1.37	95.62	0.19	0.76
11AC20SISO	Ant1	5700	1.31	1.35	97.04	0.13	0.76
11AC40SISO	Ant1	5510	0.65	0.69	94.20	0.26	1.54
11AC40SISO	Ant1	5590	0.65	0.69	94.20	0.26	1.54
11AC40SISO	Ant1	5670	0.65	0.69	94.20	0.26	1.54
11AC80SISO	Ant1	5530	0.32	0.36	88.89	0.51	3.13
11AC80SISO	Ant1	5610	0.32	0.36	88.89	0.51	3.13



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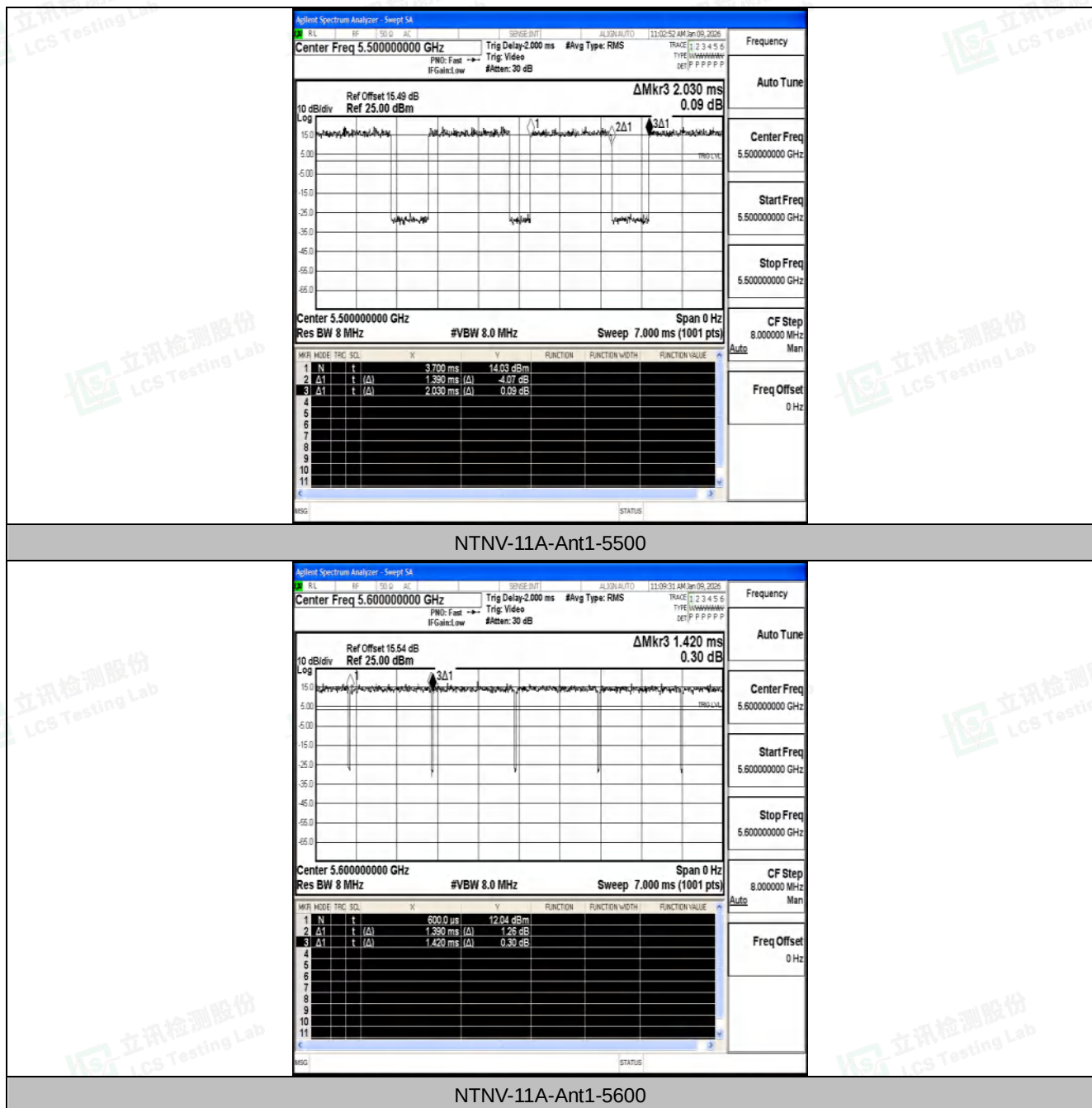
Add: 101, 201 Bldg A & 301 Bldg C, Juji Industrial Park Yabianxueziwei, Shajing Street, Baoan District, Shenzhen, 518000, China

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Test Graphs

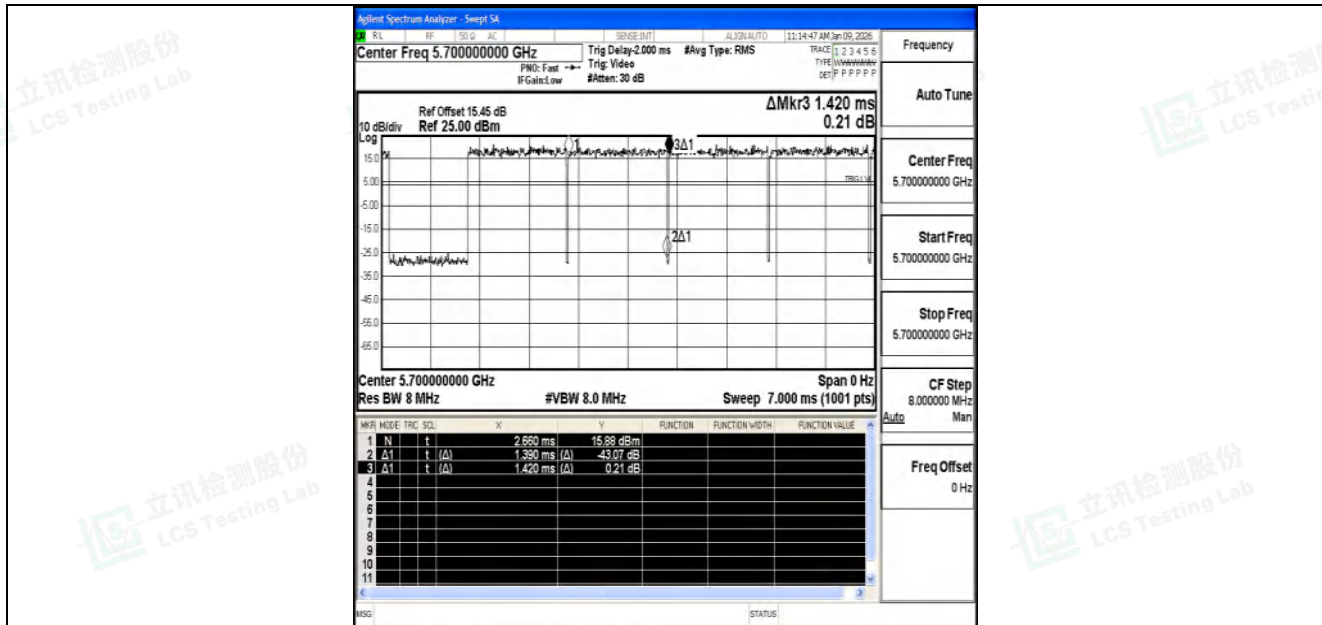


Shenzhen LCS Compliance Testing Laboratory Ltd.

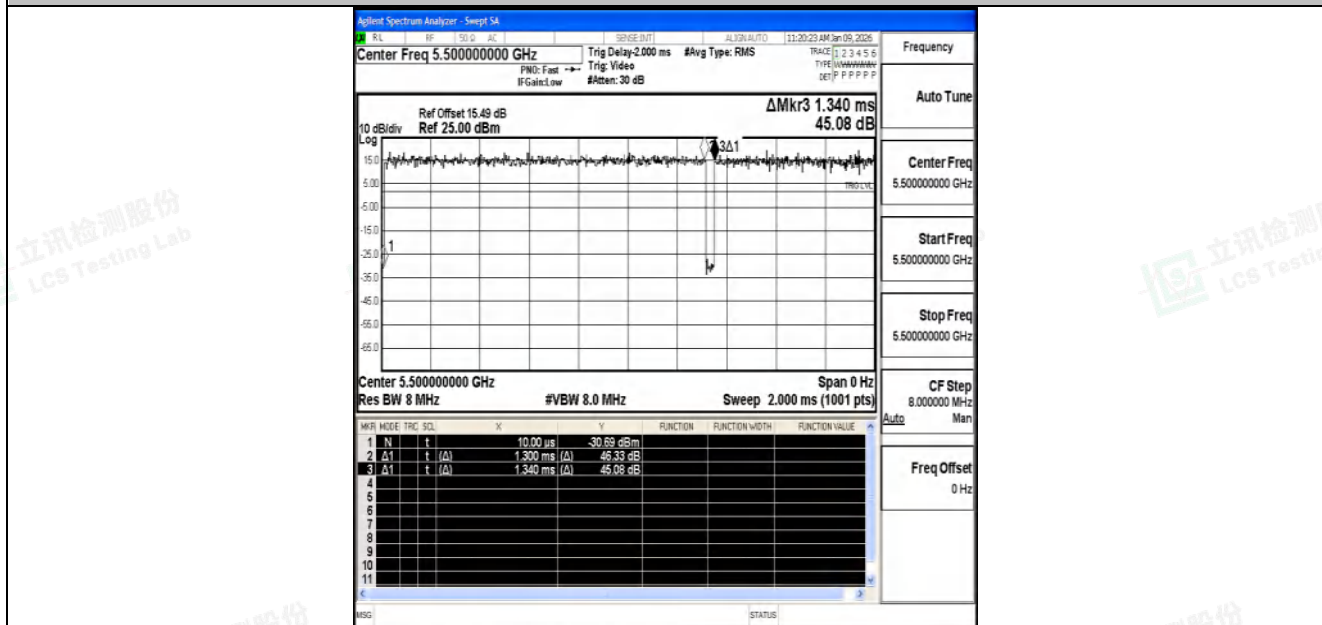
Add: 101, 201 Bldg A & 301 Bldg C, Juji Industrial Park Yabianxueziwei, Shajing Street, Baoan District, Shenzhen, 518000, China

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NTNV-11A-Ant1-5700



NTNV-11N20SISO-Ant1-5500



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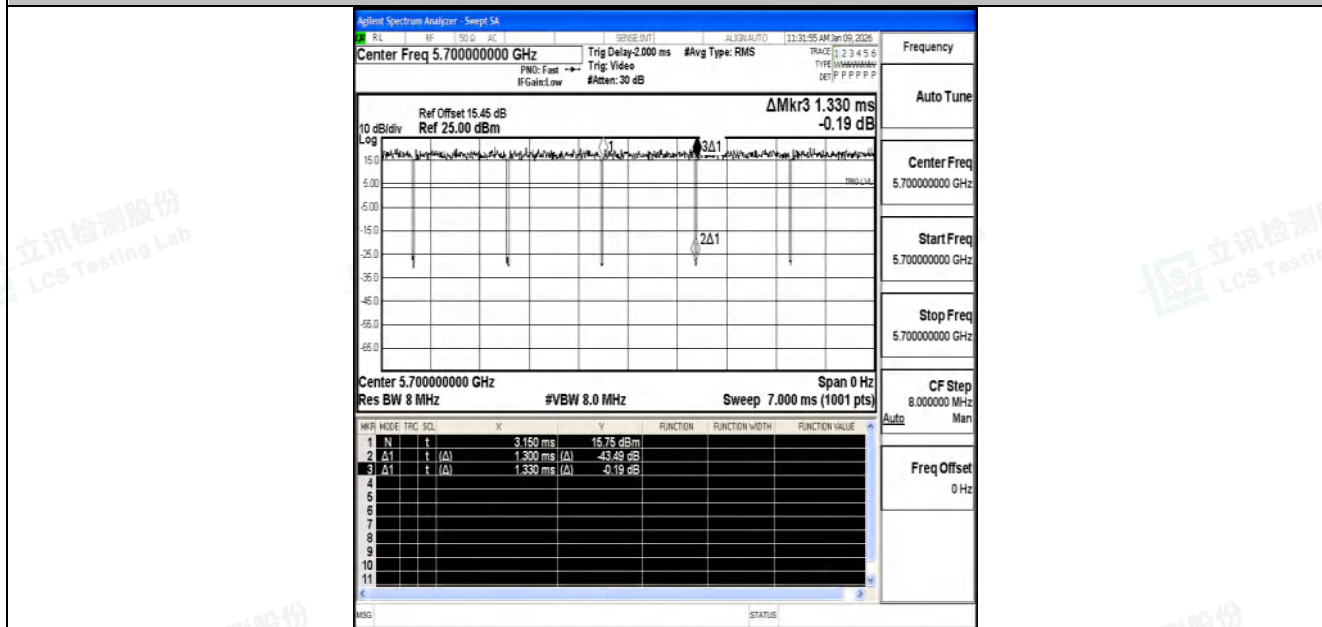
Add: 101, 201 Bldg A & 301 Bldg C, Juji Industrial Park Yabianxueziwei, Shajing Street, Baoan District, Shenzhen, 518000, China

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NTNV-11N20SISO-Ant1-5600



NTNV-11N20SISO-Ant1-5700

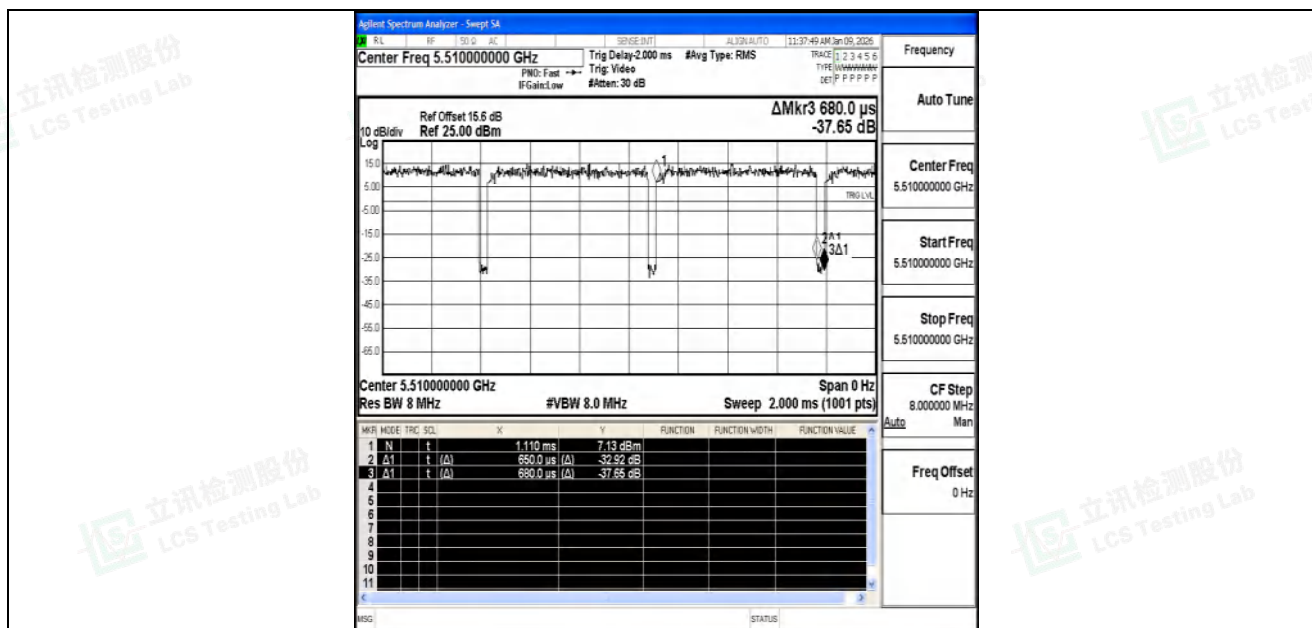


Shenzhen LCS Compliance Testing Laboratory Ltd.

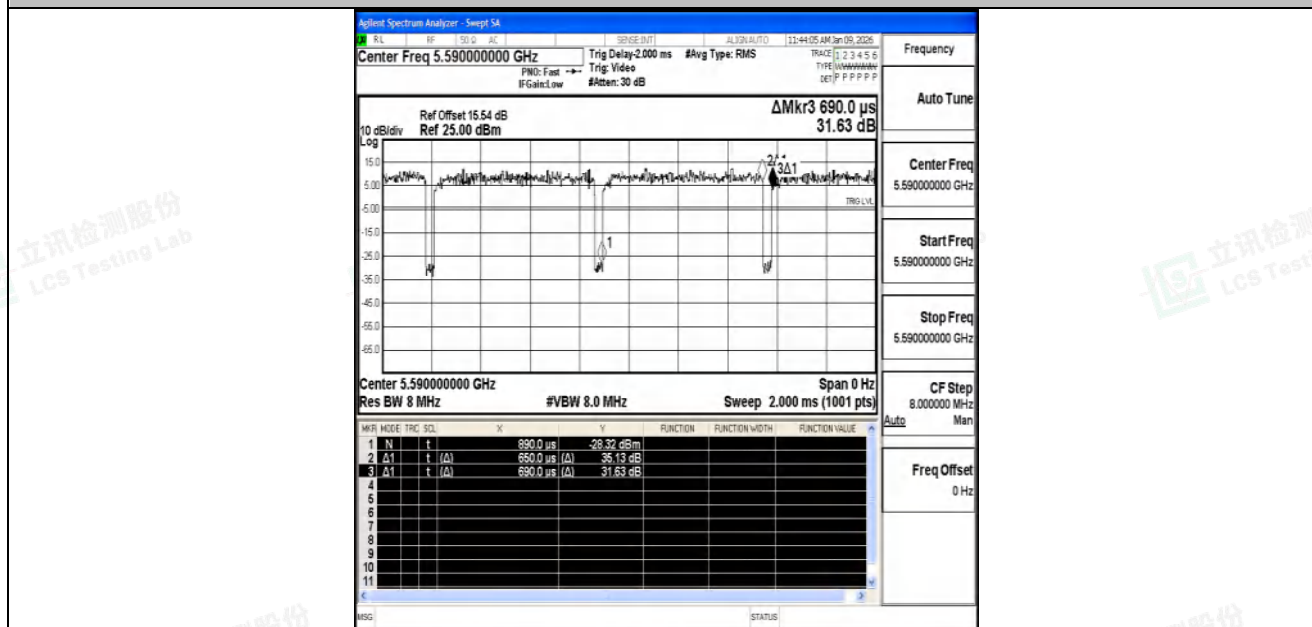
Add: 101, 201 Bldg A & 301 Bldg C, Juji Industrial Park Yabianxueziwei, Shajing Street, Baoan District, Shenzhen, 518000, China

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Scan code to check authenticity



NTNV-11N40SISO-Ant1-5510



NTNV-11N40SISO-Ant1-5590

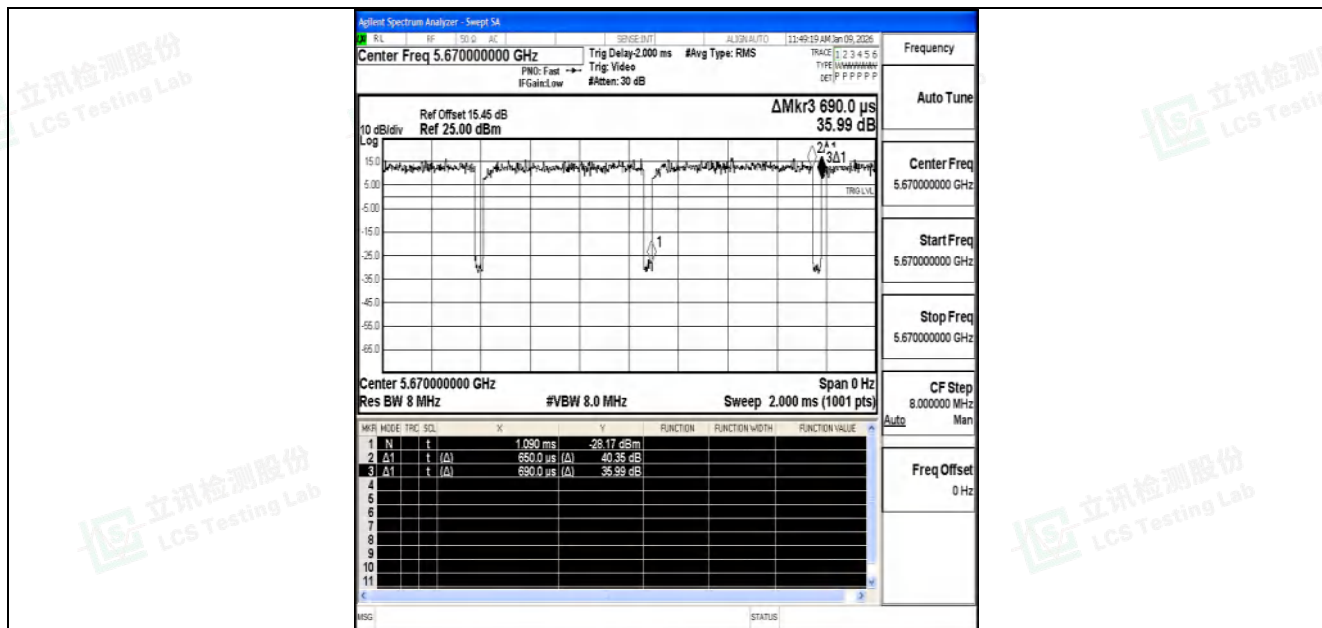


Shenzhen LCS Compliance Testing Laboratory Ltd.

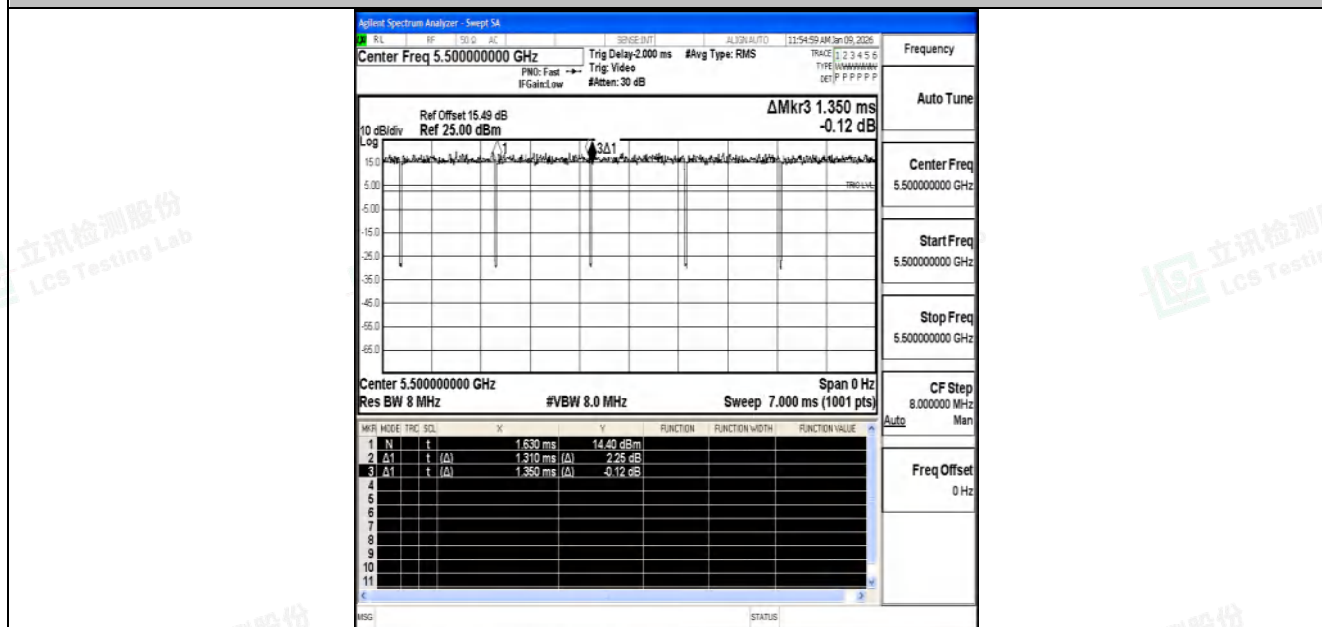
Add: 101, 201 Bldg A & 301 Bldg C, Juji Industrial Park Yabianxueziwei, Shajing Street, Baoan District, Shenzhen, 518000, China

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NTNV-11N40SISO-Ant1-5670



NTNV-11AC20SISO-Ant1-5500

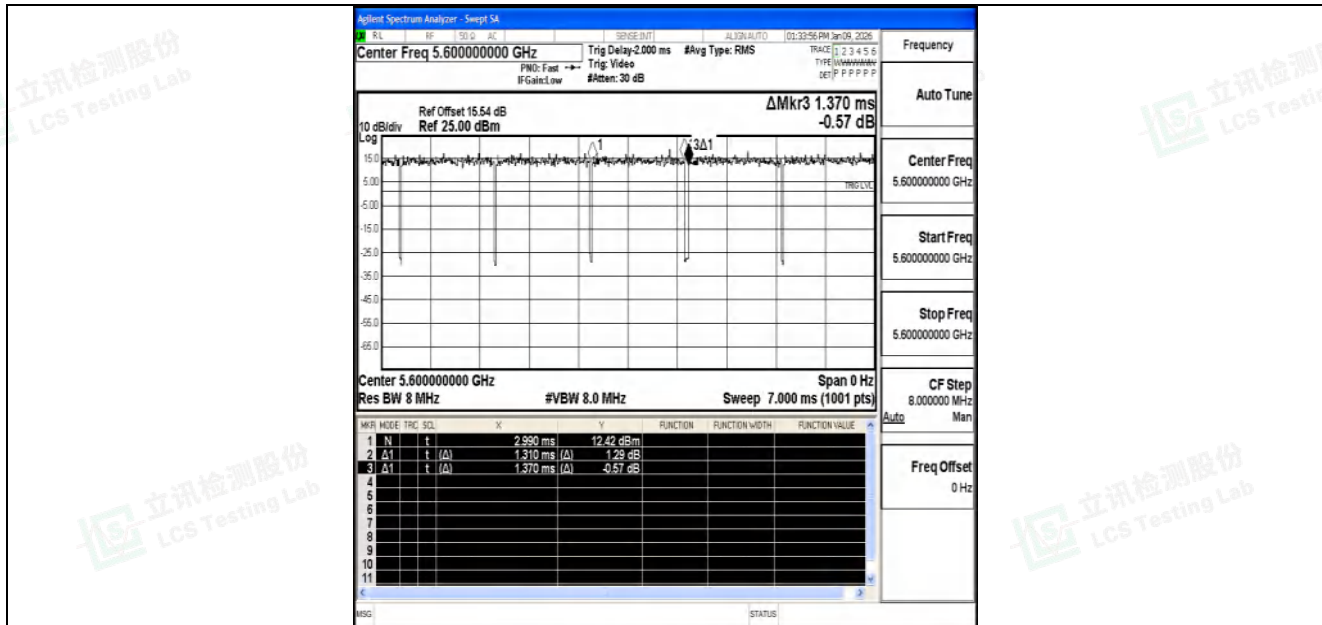


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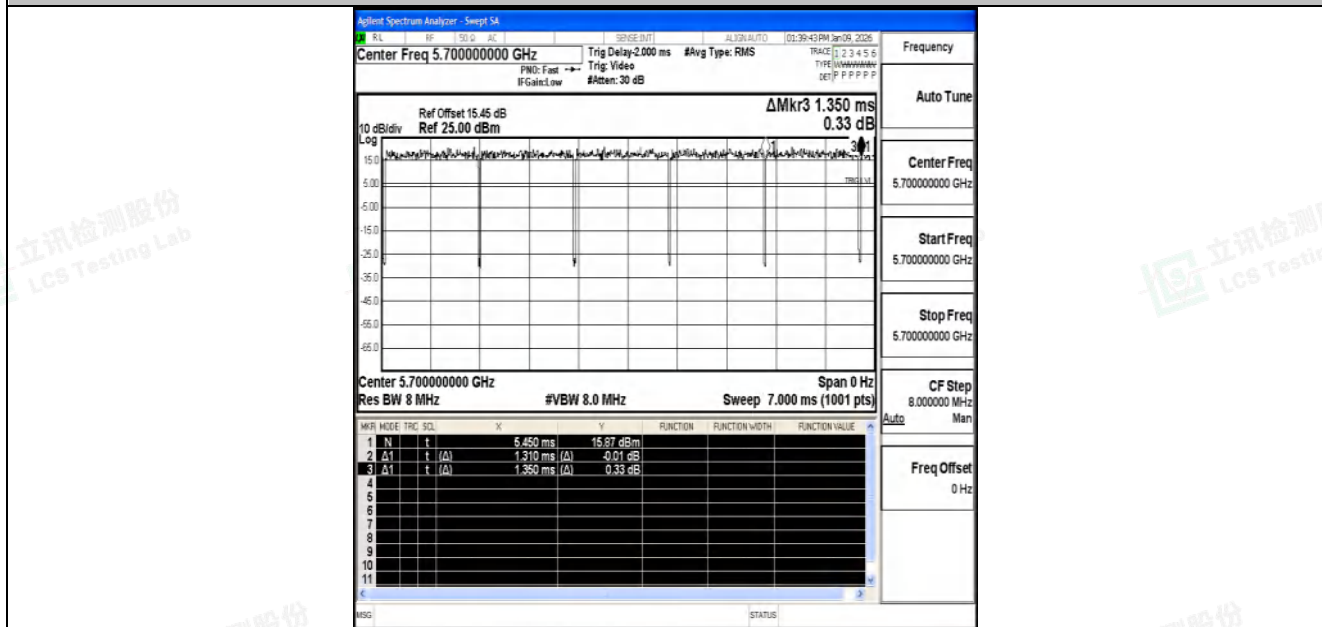
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NTNV-11AC20SISO-Ant1-5600



NTNV-11AC20SISO-Ant1-5700

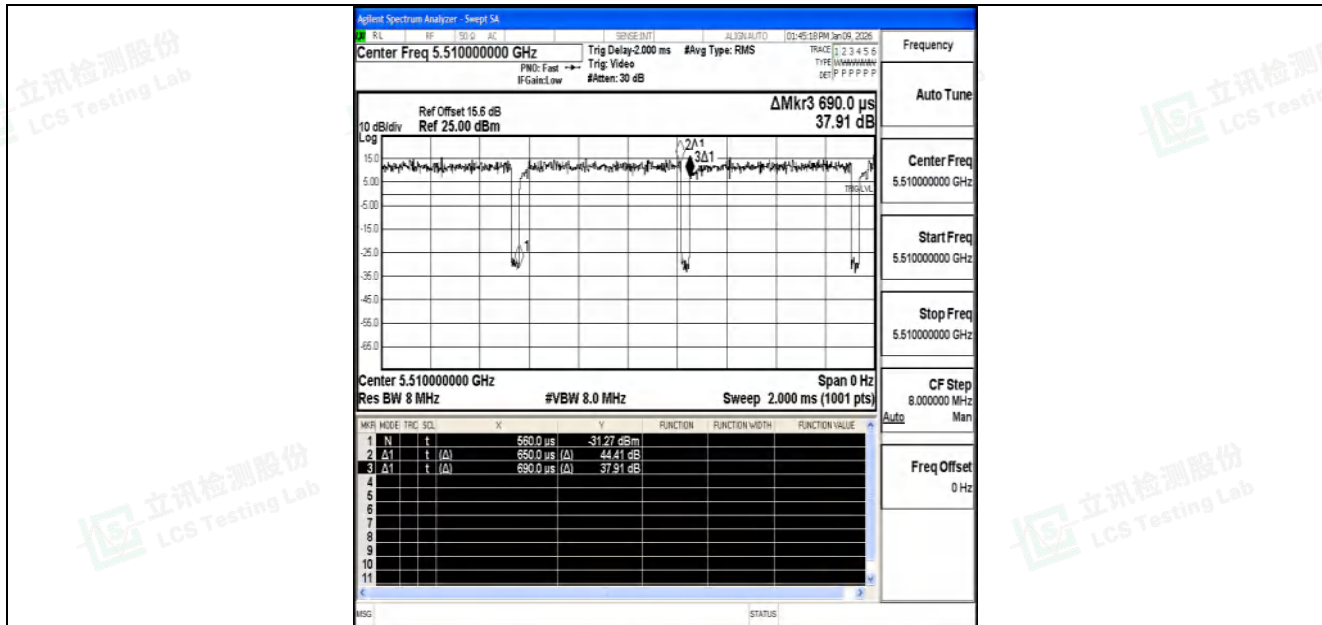


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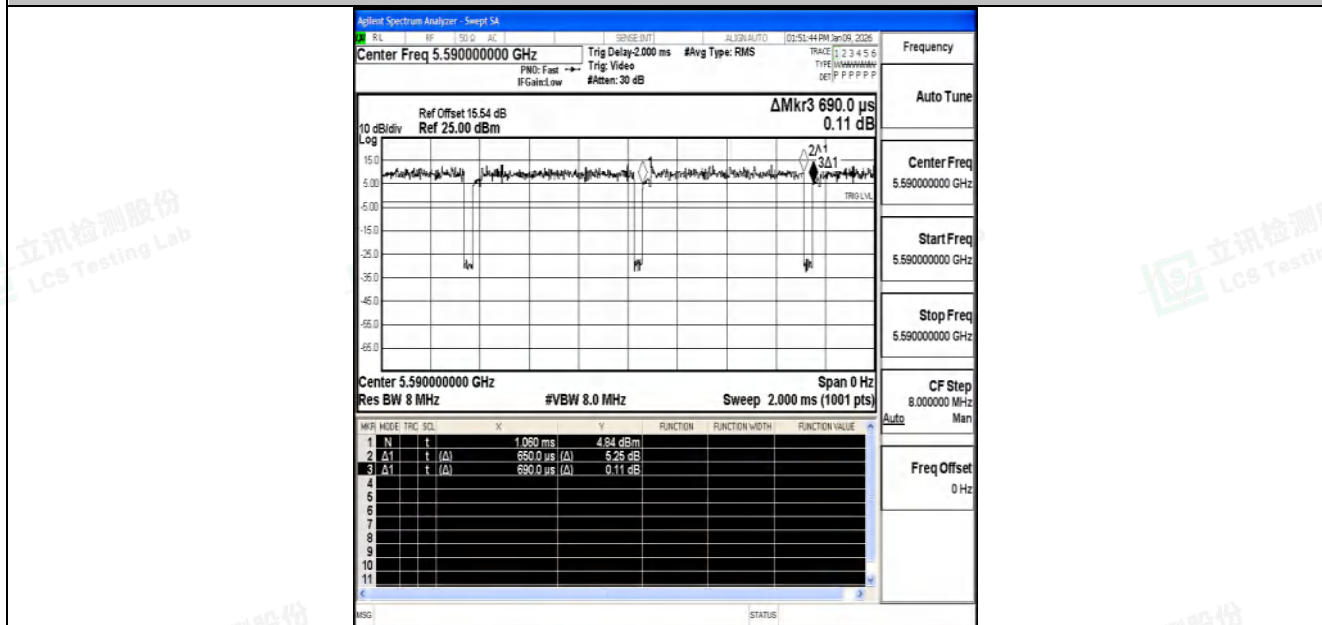
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NTNV-11AC40SISO-Ant1-5590

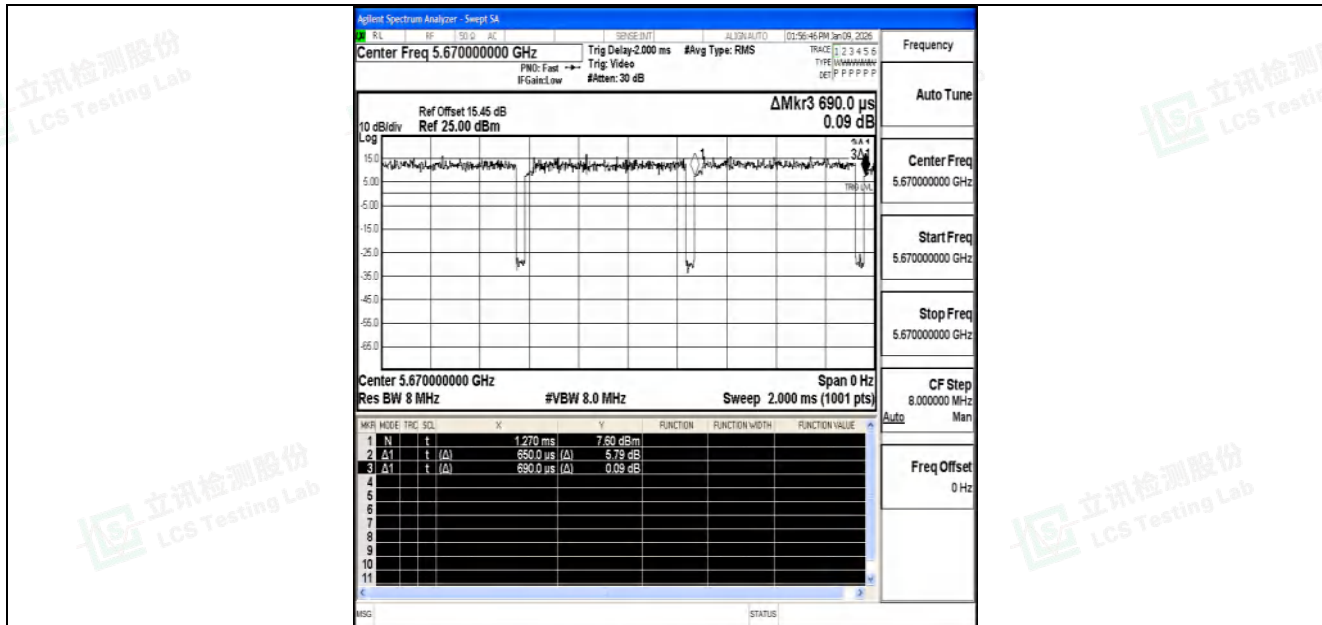


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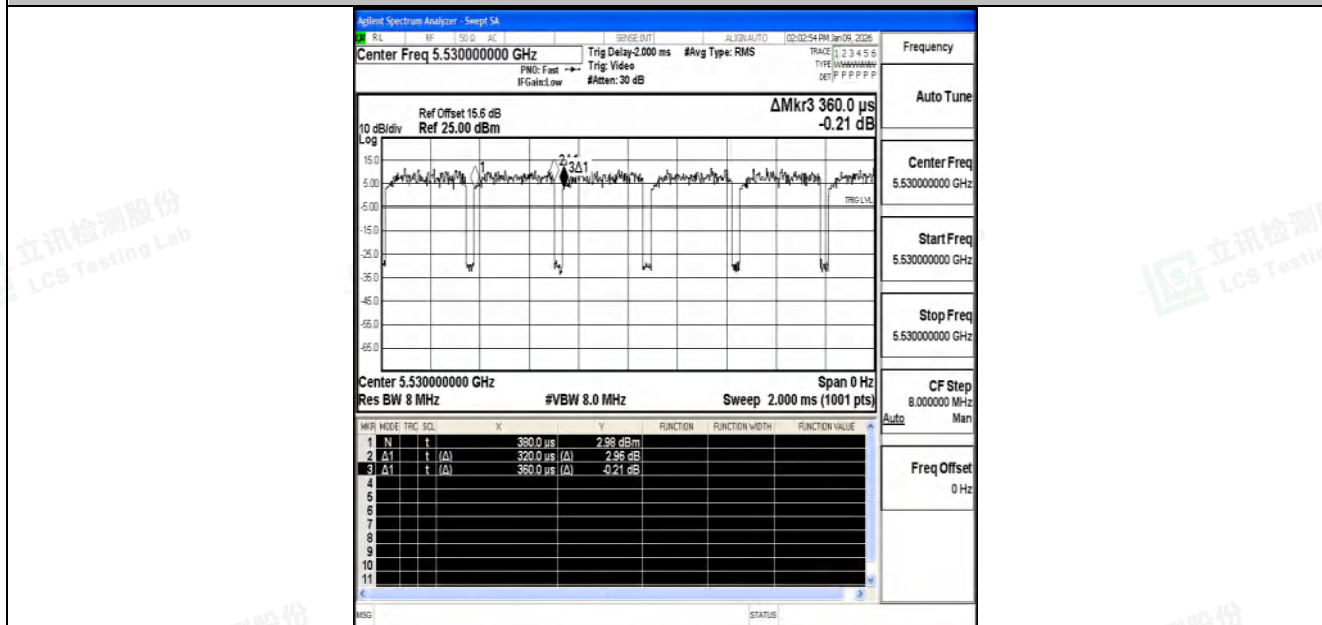
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NTNV-11AC80SISO-Ant1-5530

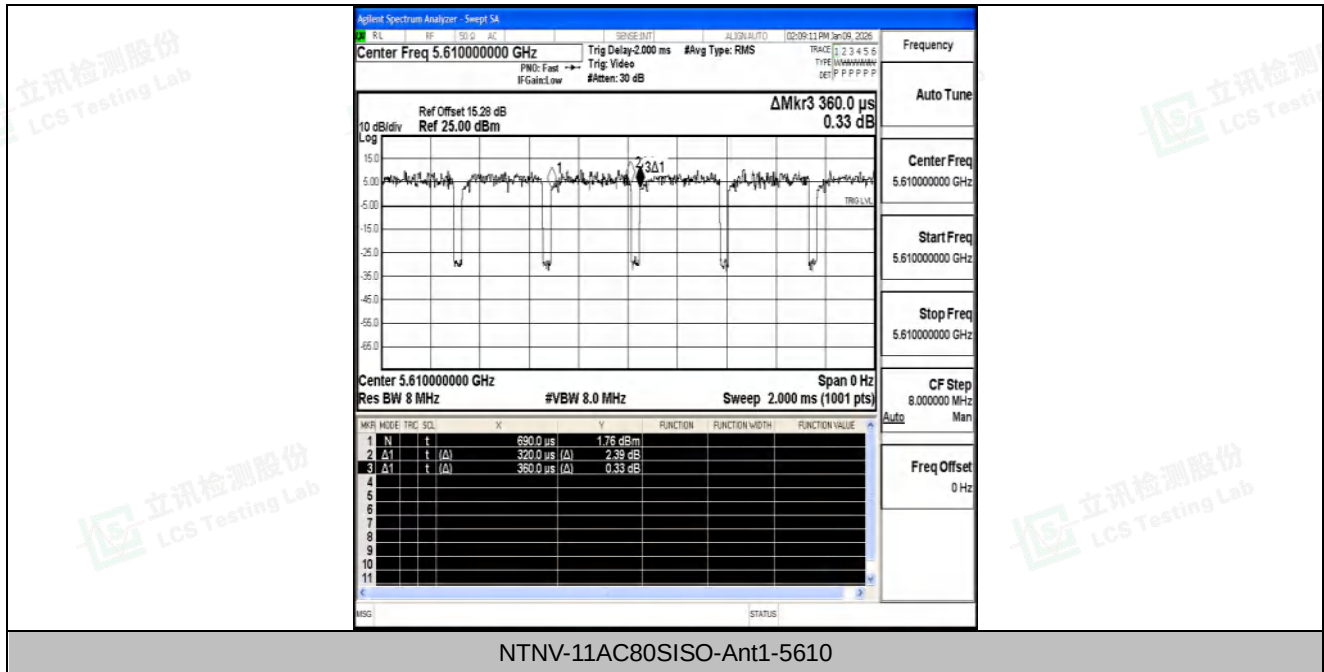


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Test Result

TestMode	Antenna	Frequency[MHz]	Transmission Duration [ms]	Transmission Period [ms]	Duty Cycle [%]	Dc Factor [%]	1/T
11A	Ant2	5500	1.39	1.42	97.89	0.09	0.72
11A	Ant2	5600	1.38	1.42	97.18	0.12	0.72
11A	Ant2	5700	1.39	1.42	97.89	0.09	0.72
11N20SISO	Ant2	5500	1.29	1.33	96.99	0.13	0.78
11N20SISO	Ant2	5600	1.30	1.33	97.74	0.10	0.77
11N20SISO	Ant2	5700	1.30	1.33	97.74	0.10	0.77
11N40SISO	Ant2	5510	0.65	0.69	94.20	0.26	1.54
11N40SISO	Ant2	5590	0.65	0.68	95.59	0.20	1.54
11N40SISO	Ant2	5670	0.65	0.69	94.20	0.26	1.54
11AC20SISO	Ant2	5500	1.32	1.35	97.78	0.10	0.76
11AC20SISO	Ant2	5600	1.31	1.35	97.04	0.13	0.76
11AC20SISO	Ant2	5700	1.30	1.34	97.01	0.13	0.77
11AC40SISO	Ant2	5510	0.65	0.69	94.20	0.26	1.54
11AC40SISO	Ant2	5590	0.65	0.69	94.20	0.26	1.54
11AC40SISO	Ant2	5670	0.65	0.69	94.20	0.26	1.54
11AC80SISO	Ant2	5530	0.32	0.36	88.89	0.51	3.13
11AC80SISO	Ant2	5610	0.32	0.36	88.89	0.51	3.13



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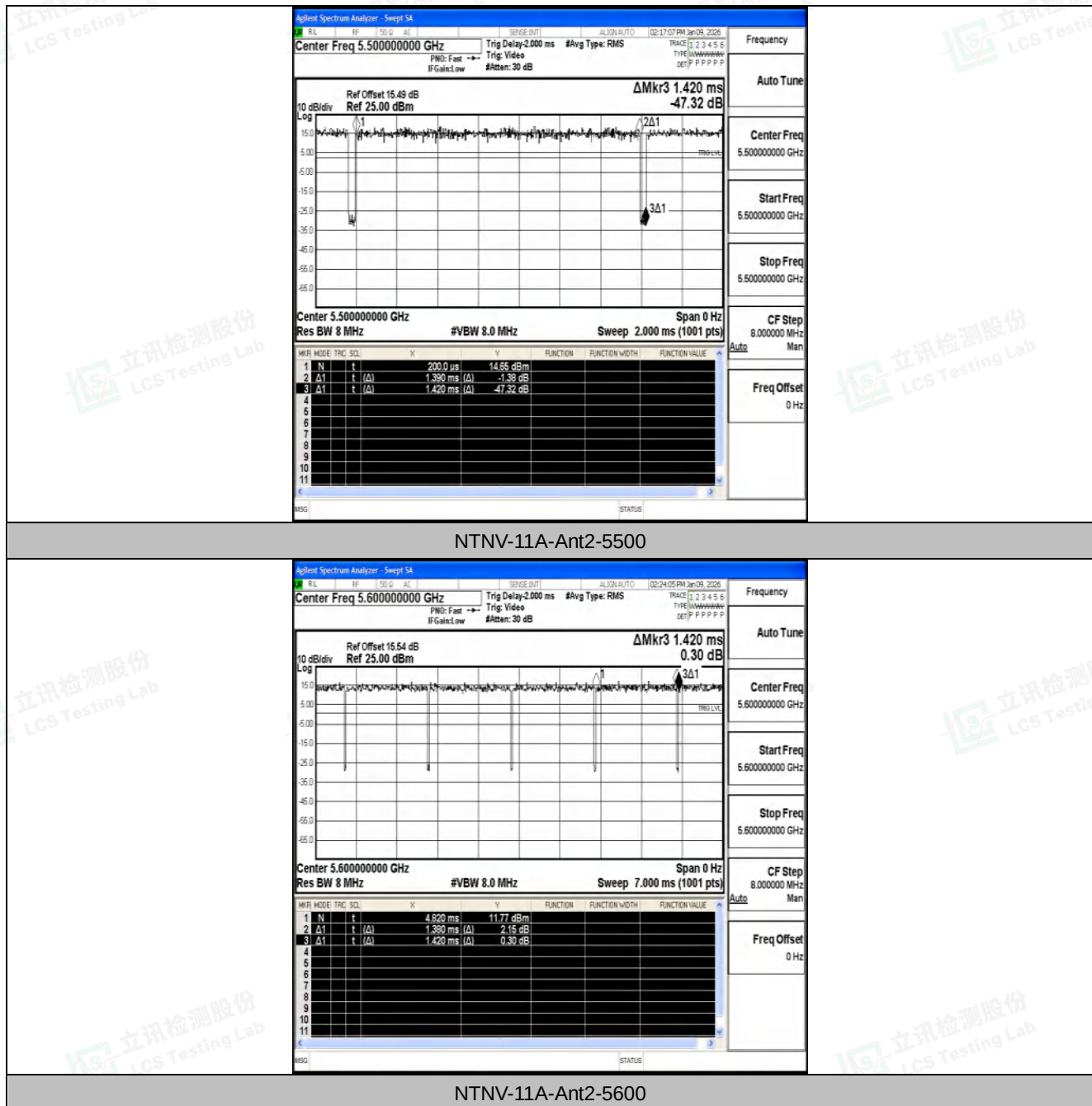
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Test Graphs

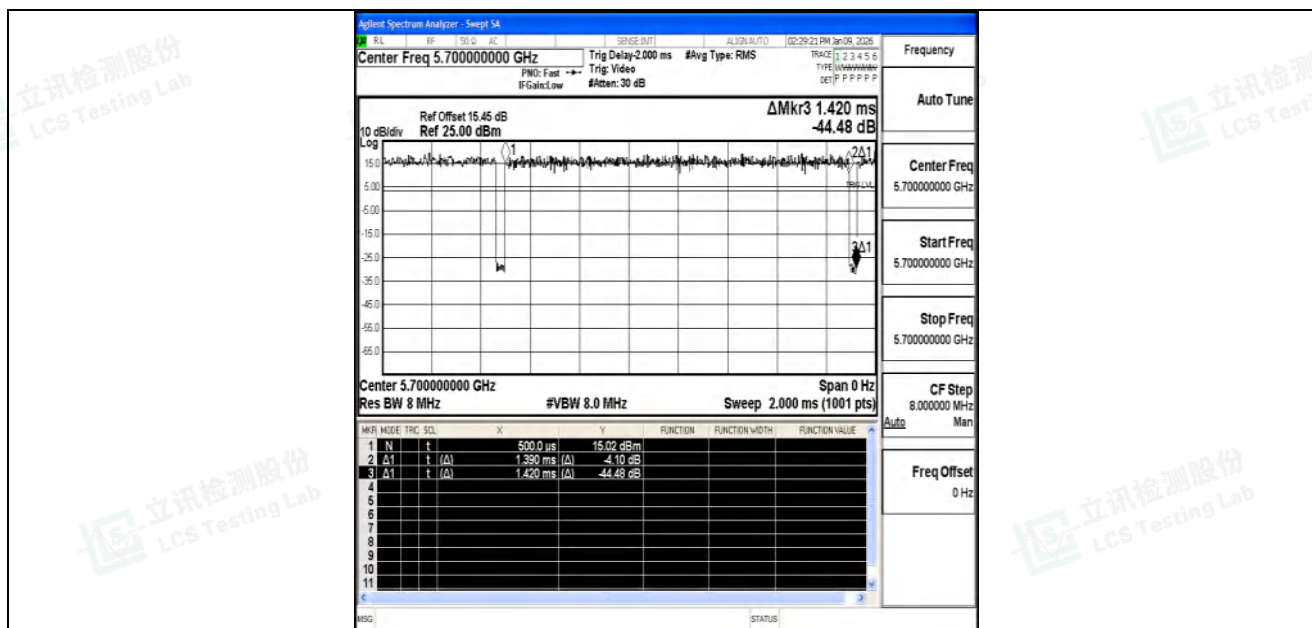


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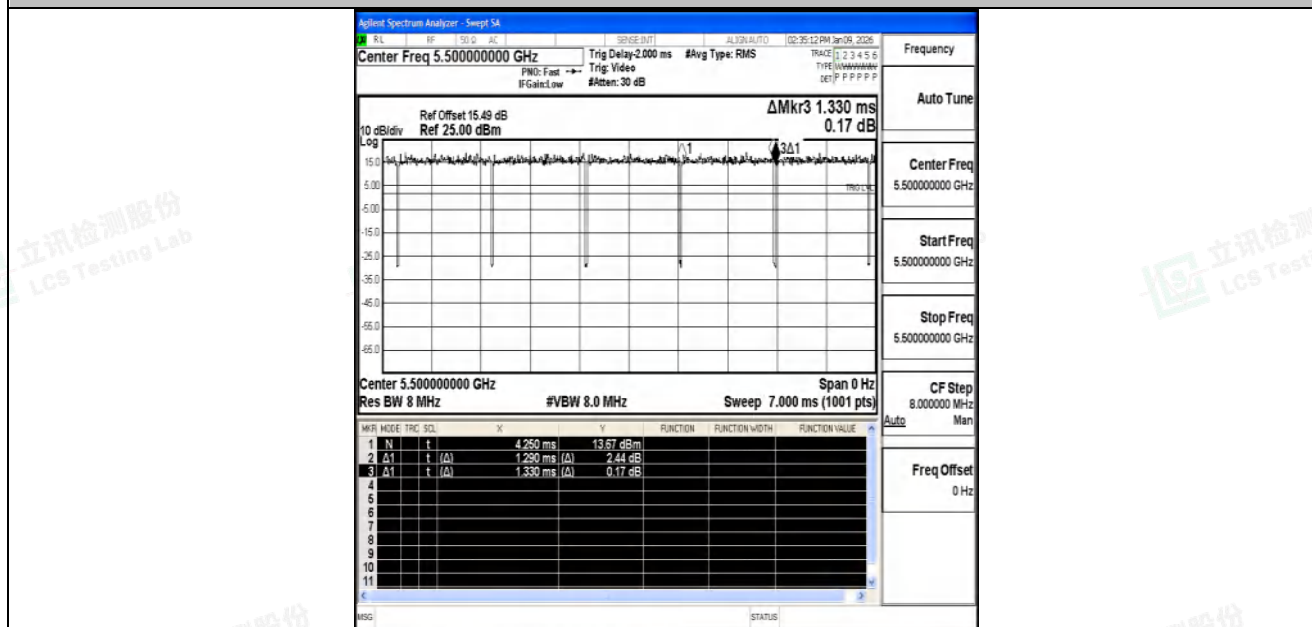
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NTNV-11A-Ant2-5700



NTNV-11N20SISO-Ant2-5500

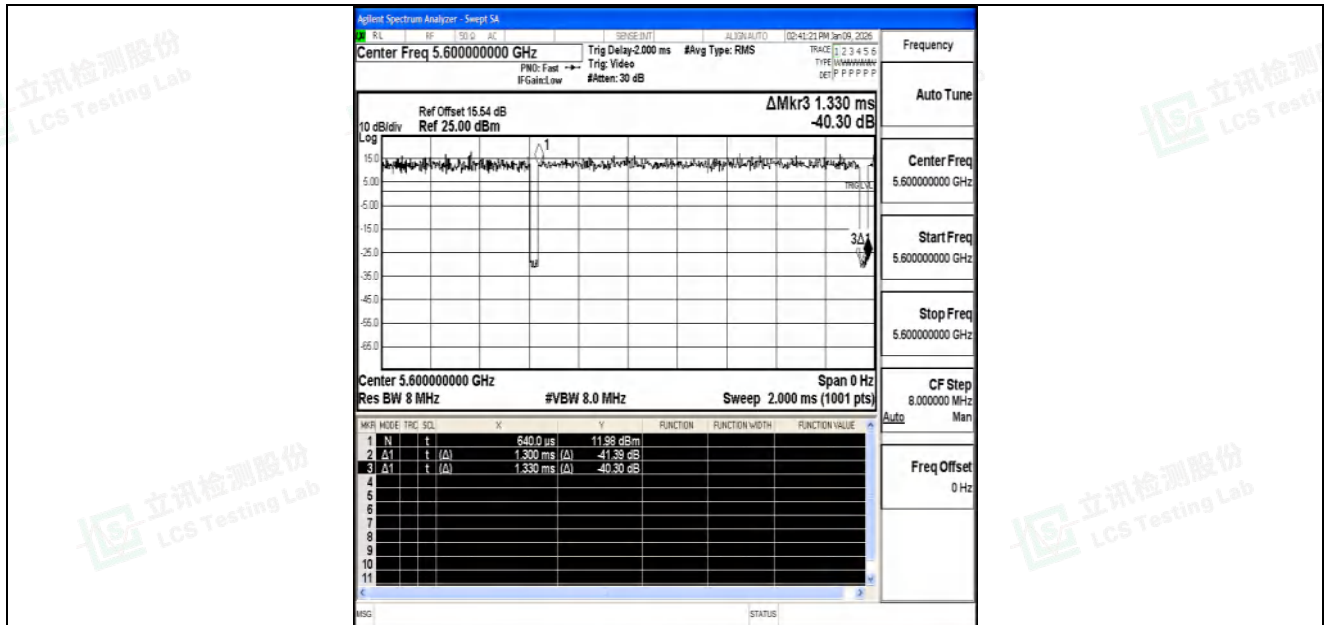


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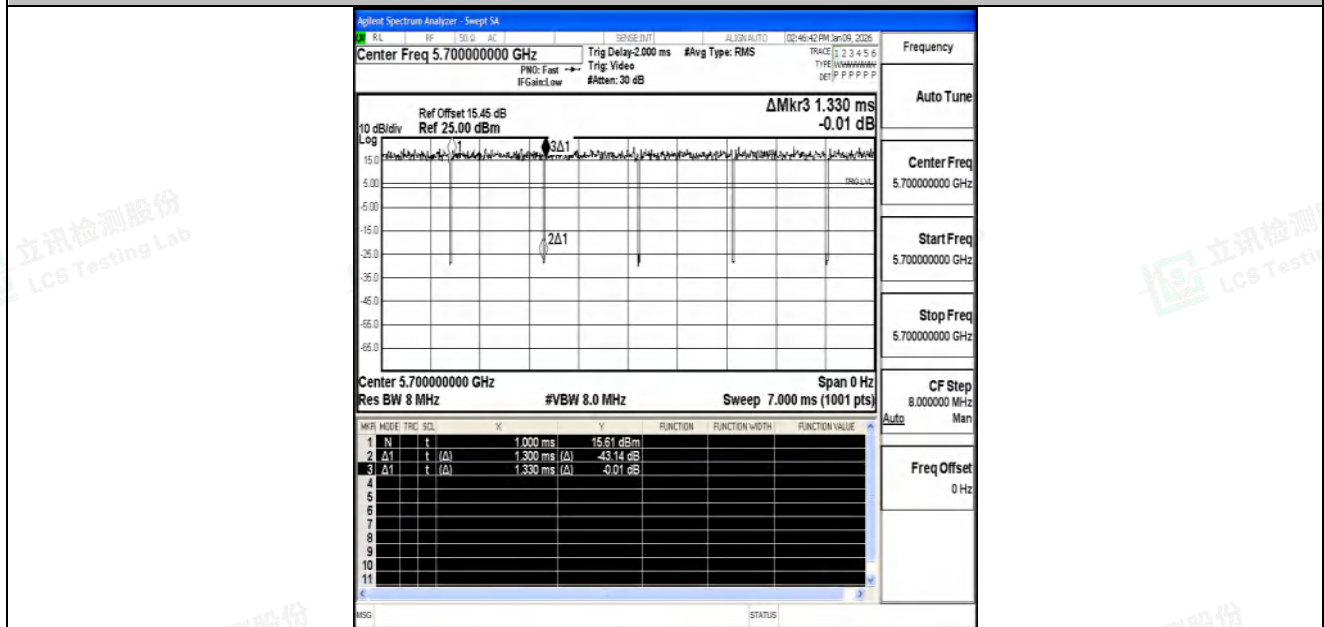
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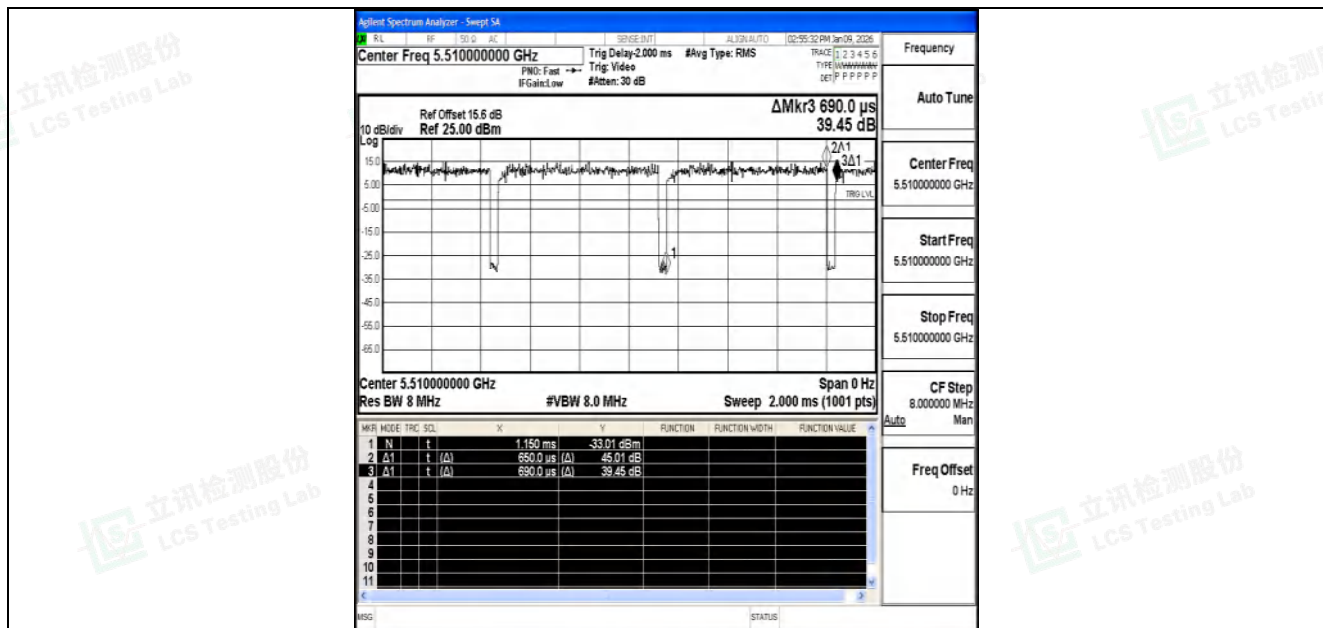


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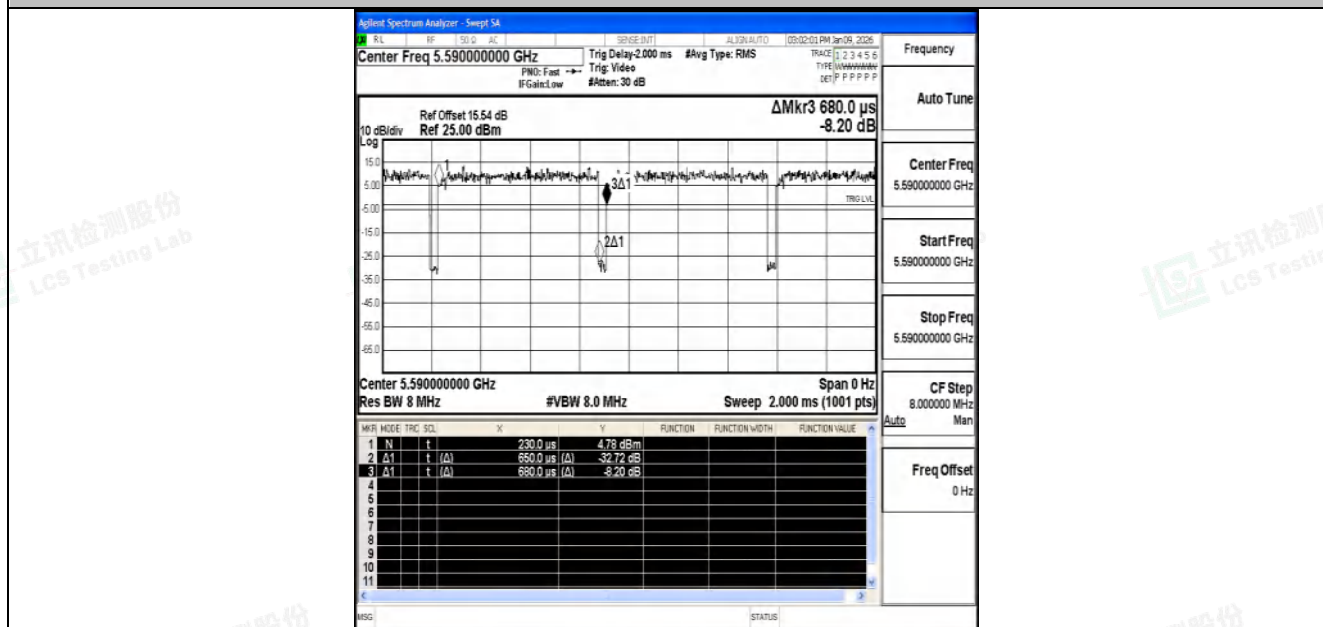
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NTNV-11N40SISO-Ant2-5590

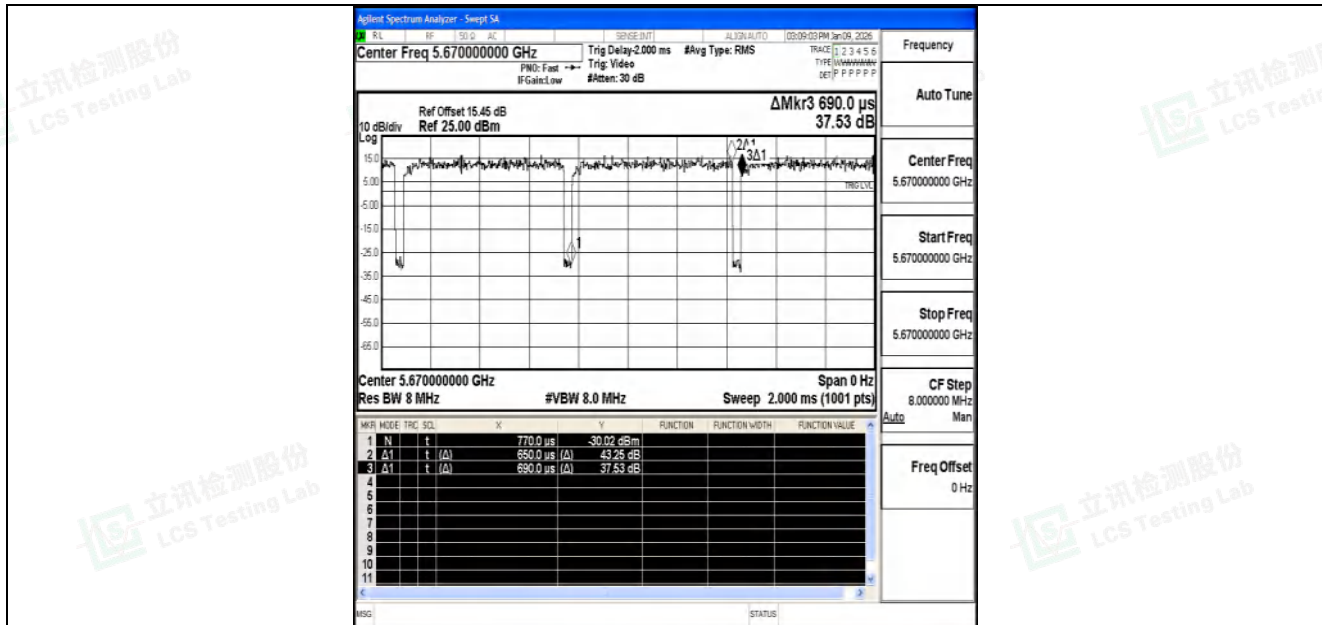


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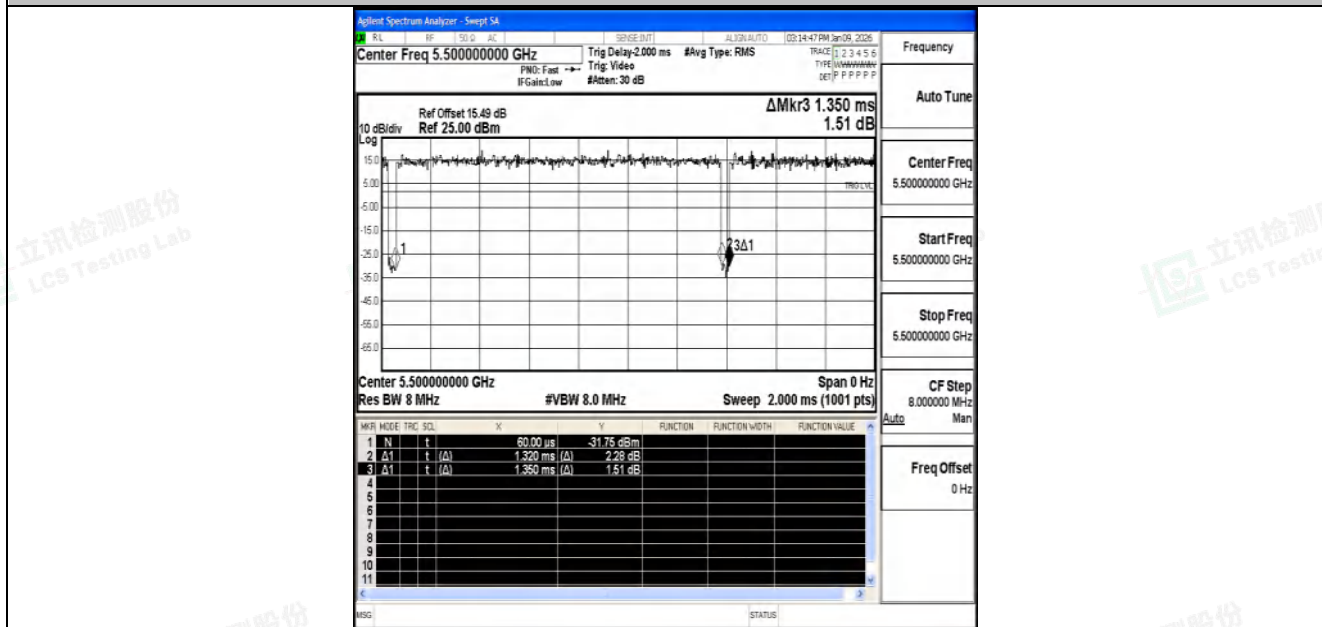
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NTNV-11N40SISO-Ant2-5670



NTNV-11AC20SISO-Ant2-5500

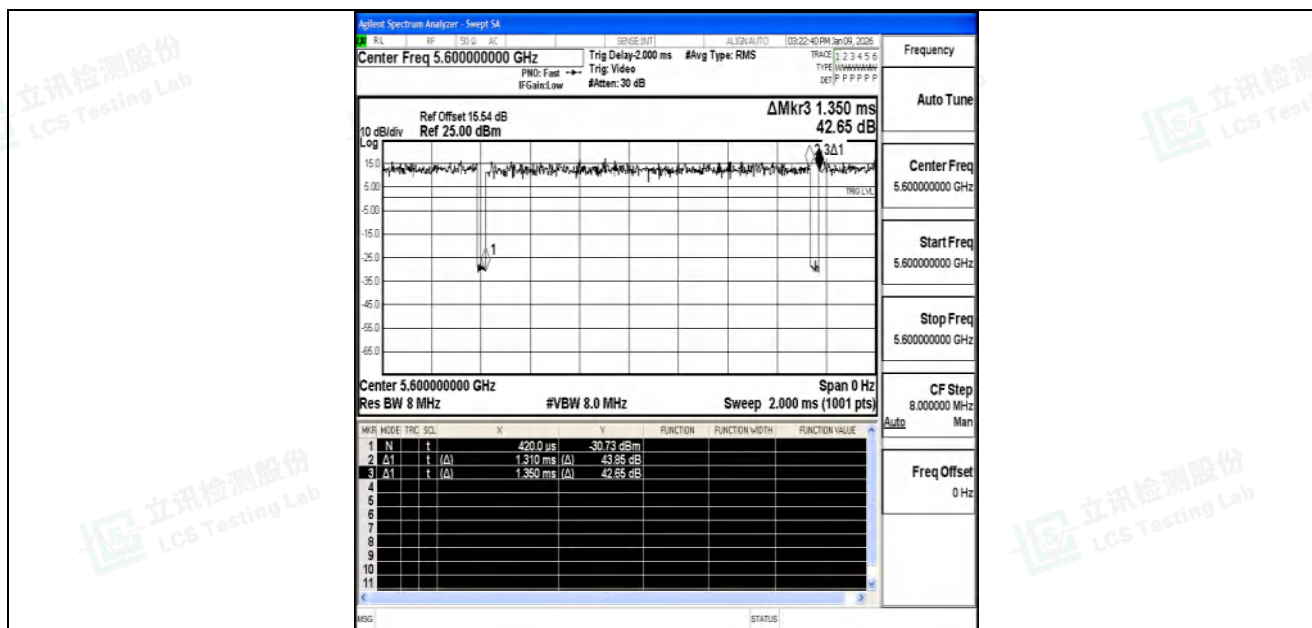


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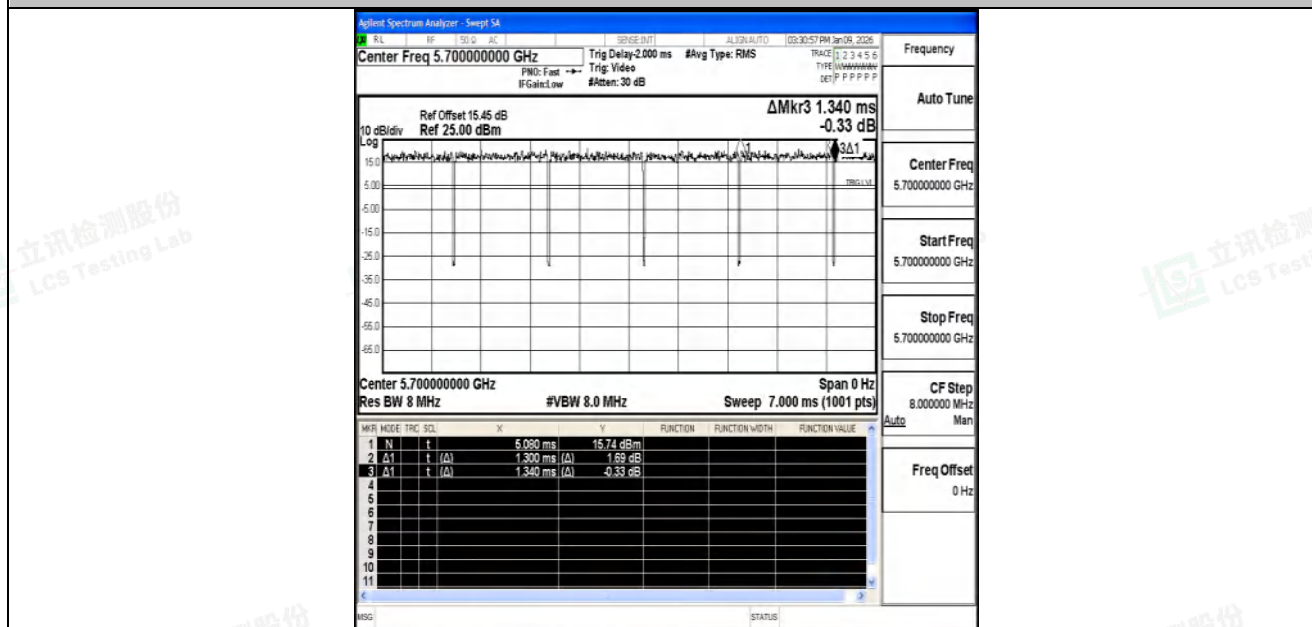
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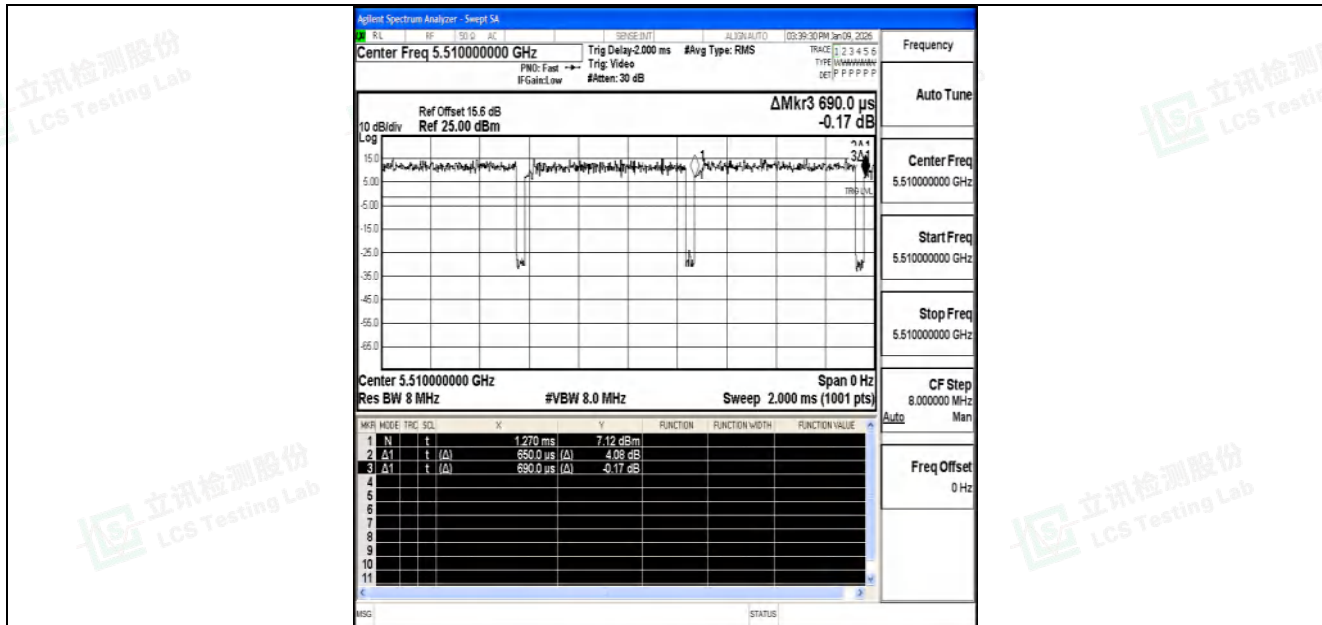


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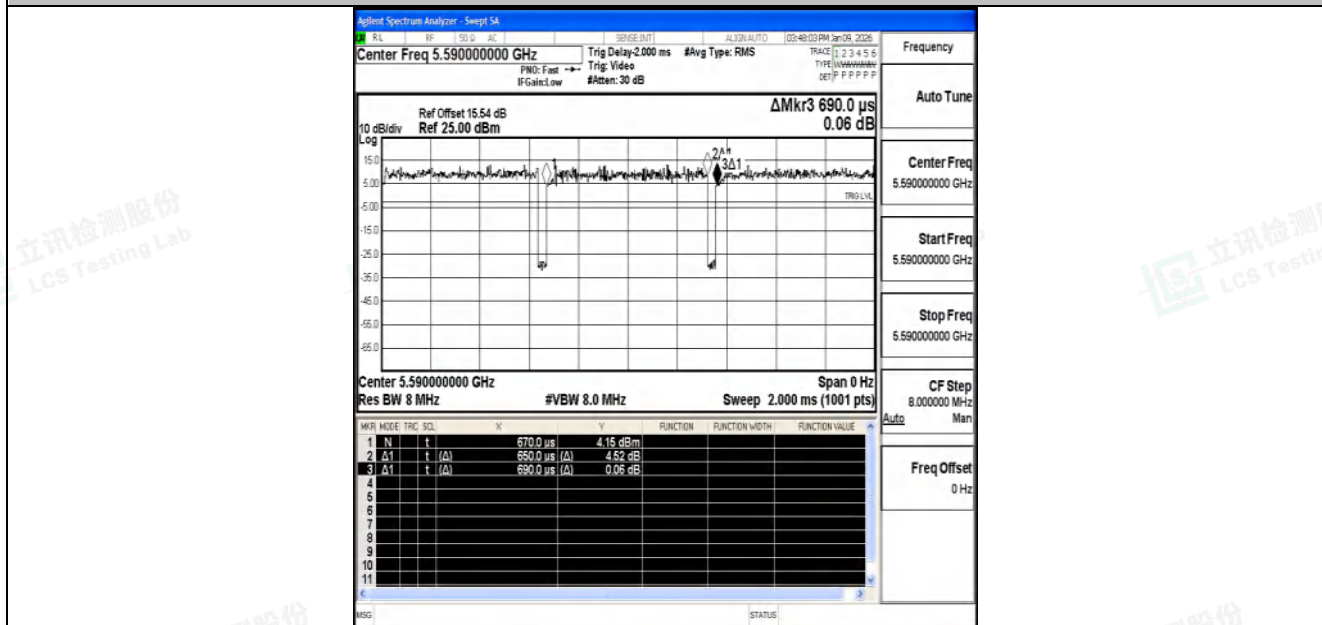
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NTNV-11AC40SISO-Ant2-5590

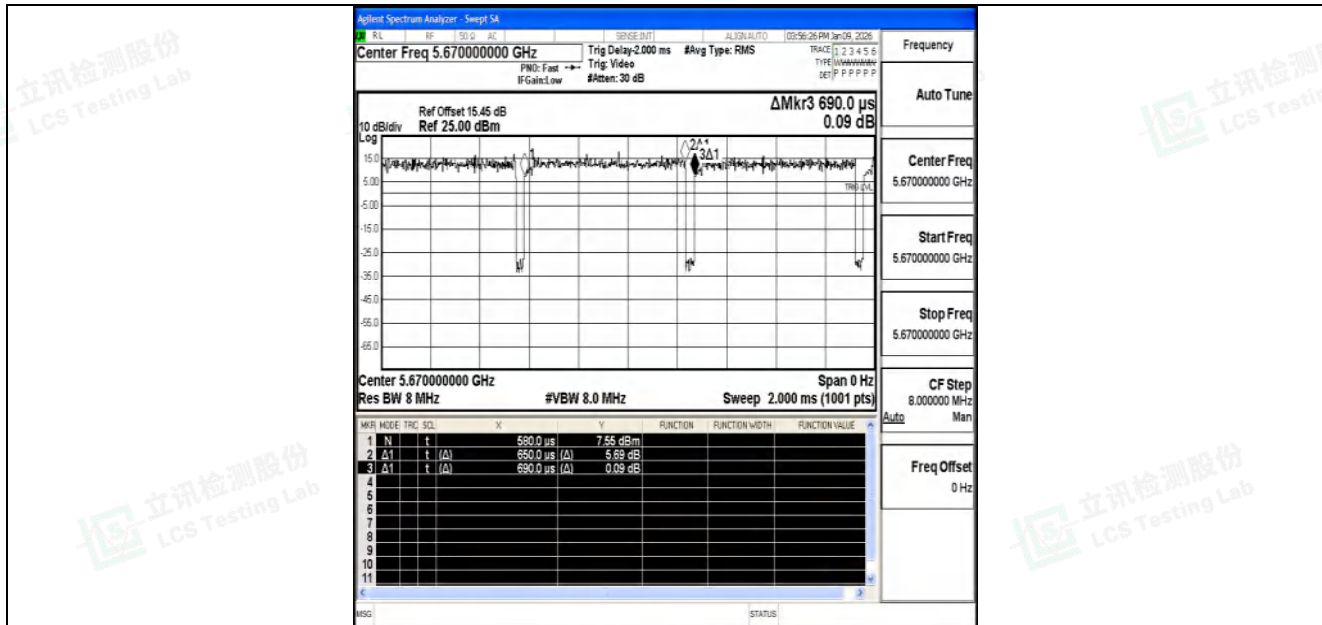


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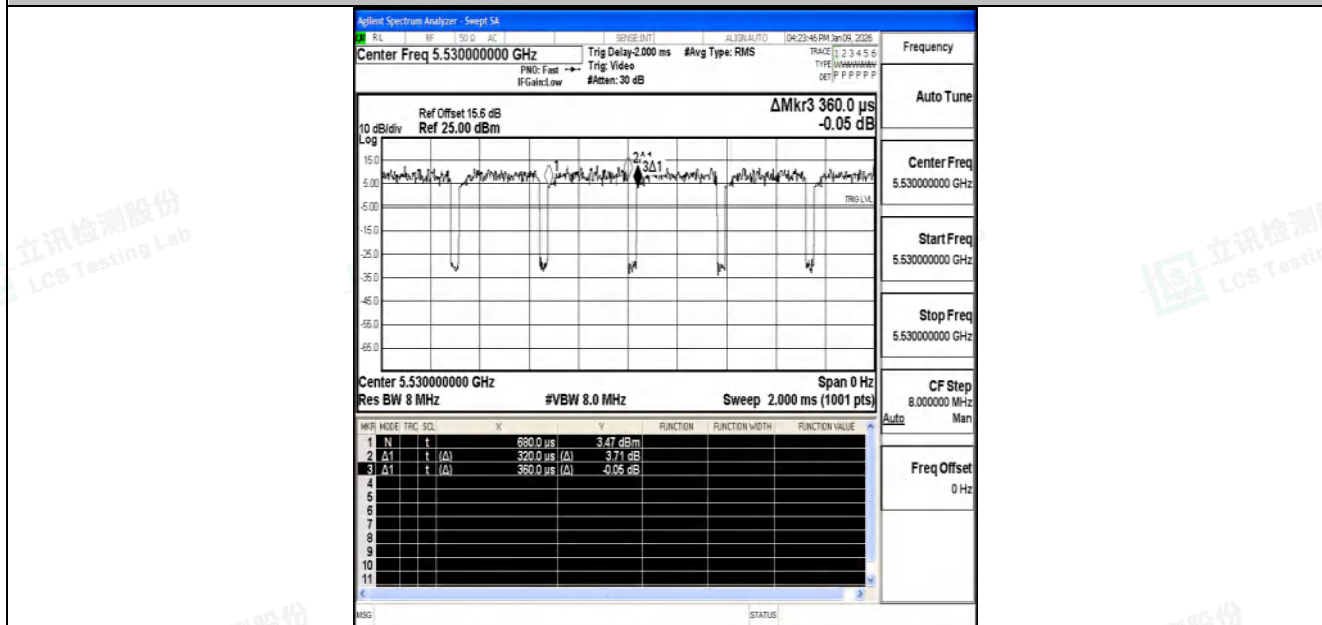
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NTNV-11AC40SISO-Ant2-5670



NTNV-11AC80SISO-Ant2-5530

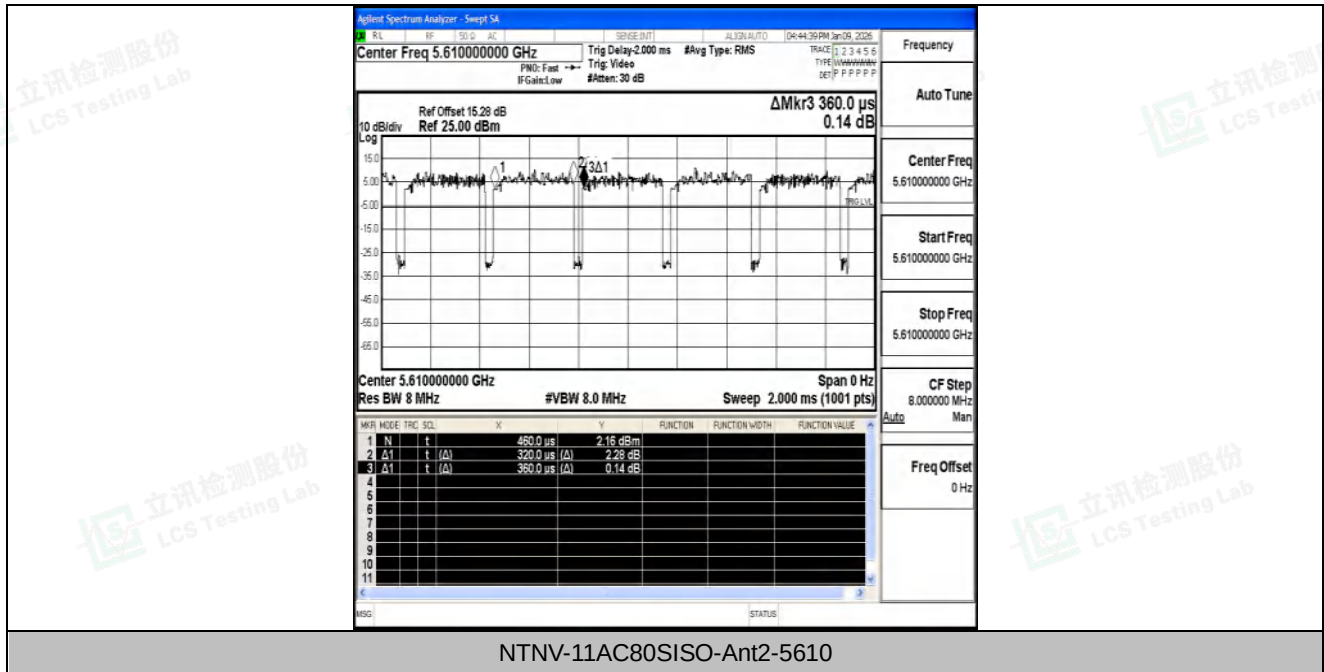


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