



Appendix D

RF Test Data for 5.2GWIFI (Conducted Measurement)

Product Name: All-In-One Touch Screen

Test Model: HS-65IW-L06PA

Environmental Conditions

Temperature:	24.1℃
Relative Humidity:	52.4%
ATM Pressure:	100.0 kPa
Test Engineer:	Monkey Li
Supervised by:	Li Huan





D.1 Emission Bandwidth

Test Result

TestMode	Antenna	Frequency[MHz]	26db EBW [MHz]	FL[MHz]	FH[MHz]	Limit[MHz]	Verdict
11A	Ant0	5180	20.800	5169.680	5190.480	---	---
		5220	20.800	5209.640	5230.440	---	---
		5240	20.840	5229.600	5250.440	---	---
11N20SISO	Ant0	5180	21.080	5169.440	5190.520	---	---
		5220	21.080	5209.480	5230.560	---	---
		5240	21.200	5229.320	5250.520	---	---
11N40SISO	Ant0	5190	39.280	5170.400	5209.680	---	---
		5230	39.120	5210.480	5249.600	---	---
11AC20SISO	Ant0	5180	21.200	5169.320	5190.520	---	---
		5220	21.200	5209.480	5230.680	---	---
		5240	21.160	5229.400	5250.560	---	---
11AC40SISO	Ant0	5190	39.120	5170.480	5209.600	---	---
		5230	39.280	5210.400	5249.680	---	---
11AC80SISO	Ant0	5210	80.640	5169.680	5250.320	---	---



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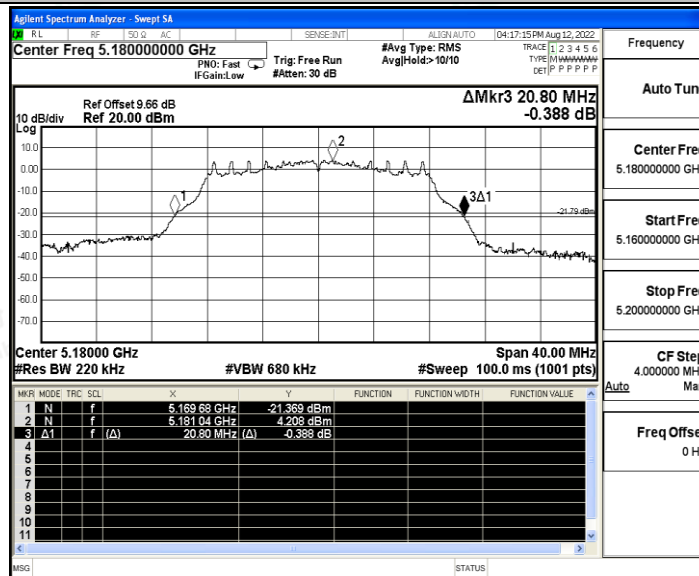
Tel: +(86) 0755-82591330 | E-mail: webmaster@lcs-cert.com | Web: www.lcs-cert.com

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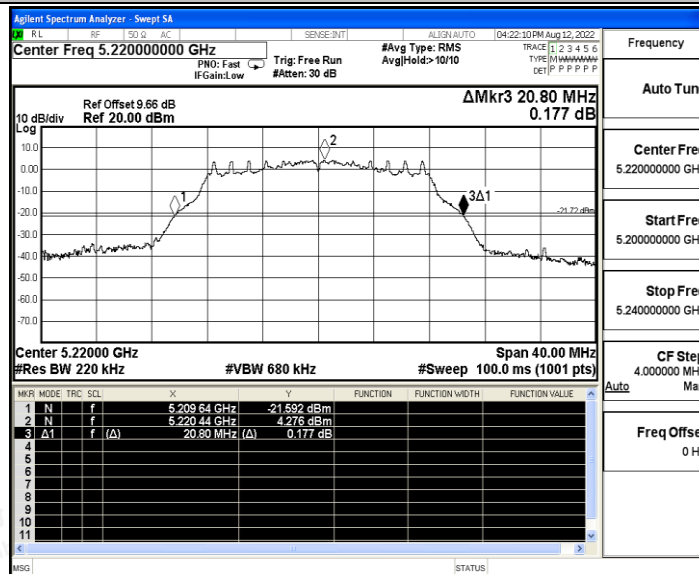


Test Graphs

11A_Ant0_5180

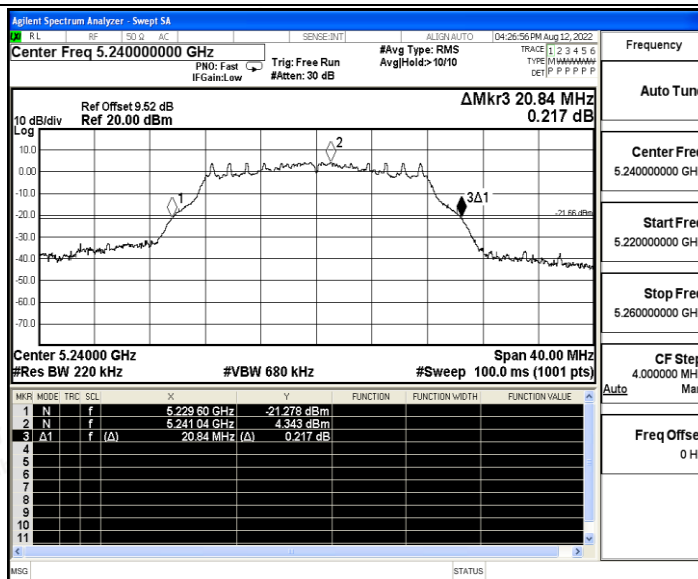


11A_Ant0_5220

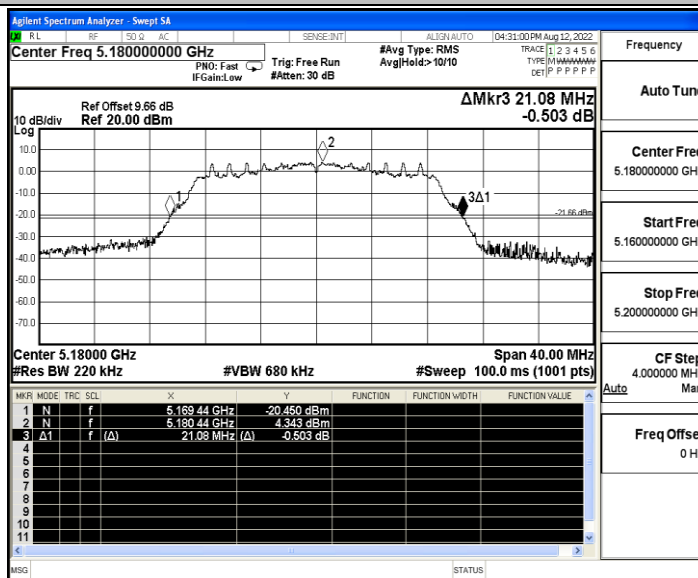


11A_Ant0_5240



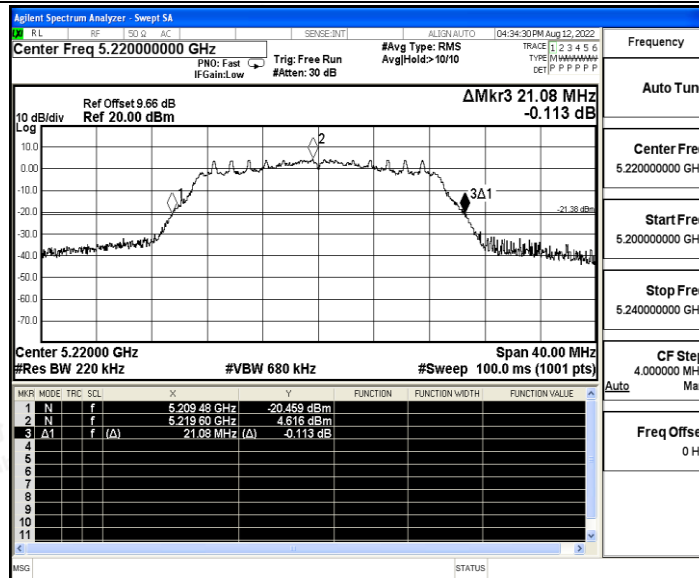


11N20SISO_Ant0_5180

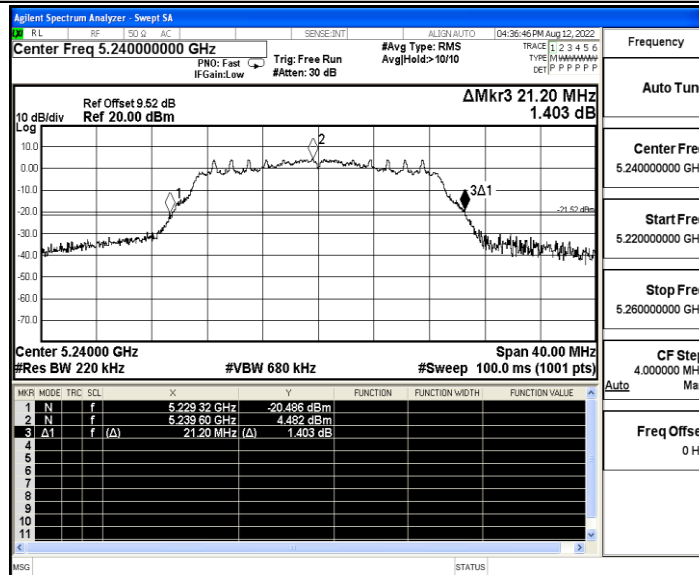


11N20SISO_Ant0_5220





11N20SISO_Ant0_5240



11N40SISO_Ant0_5190



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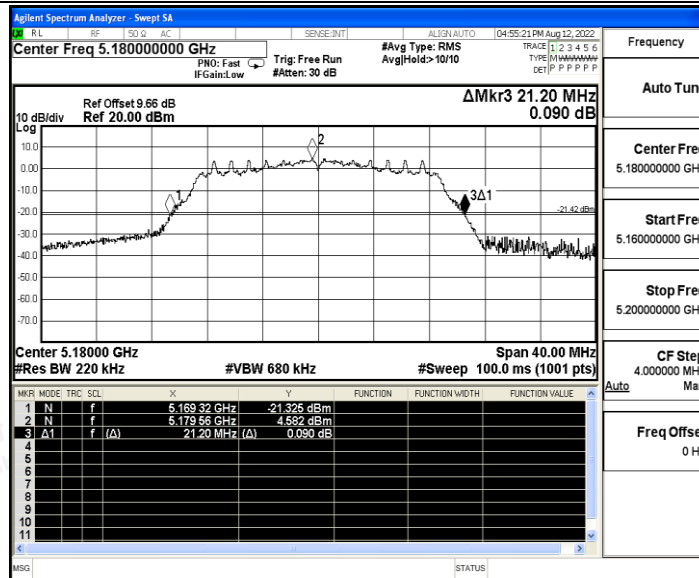


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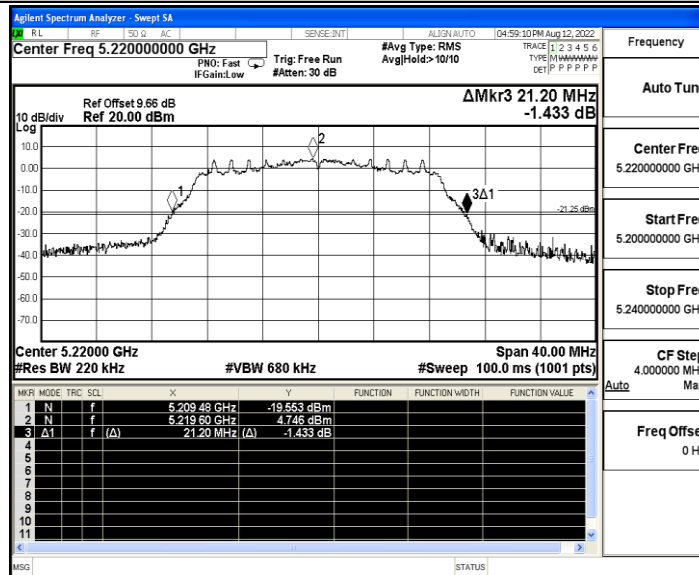
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11AC20SISO_Ant0_5220



11AC20SISO_Ant0_5240

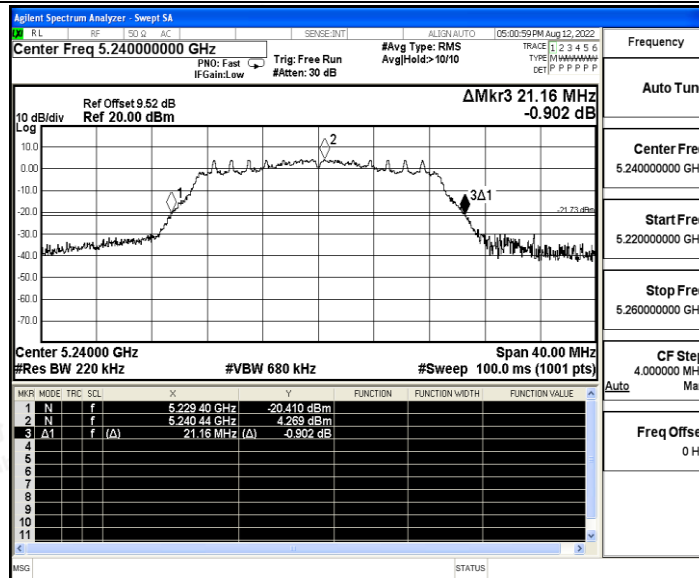


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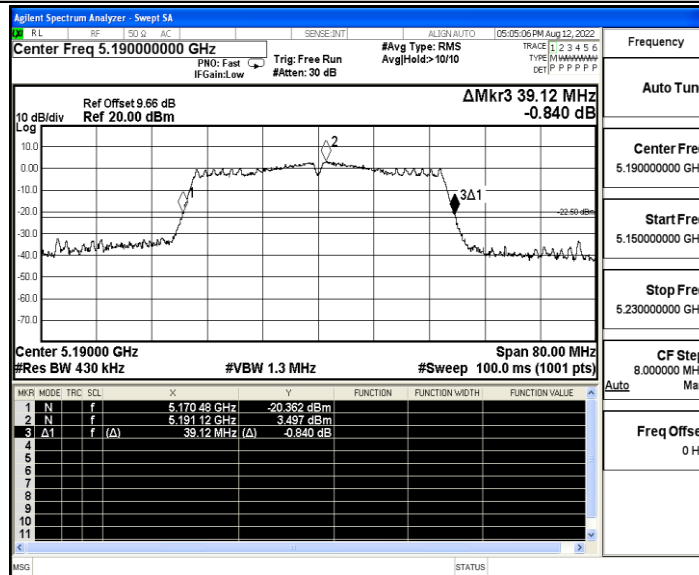
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11AC40SISO_Ant0_5190



11AC40SISO_Ant0_5230

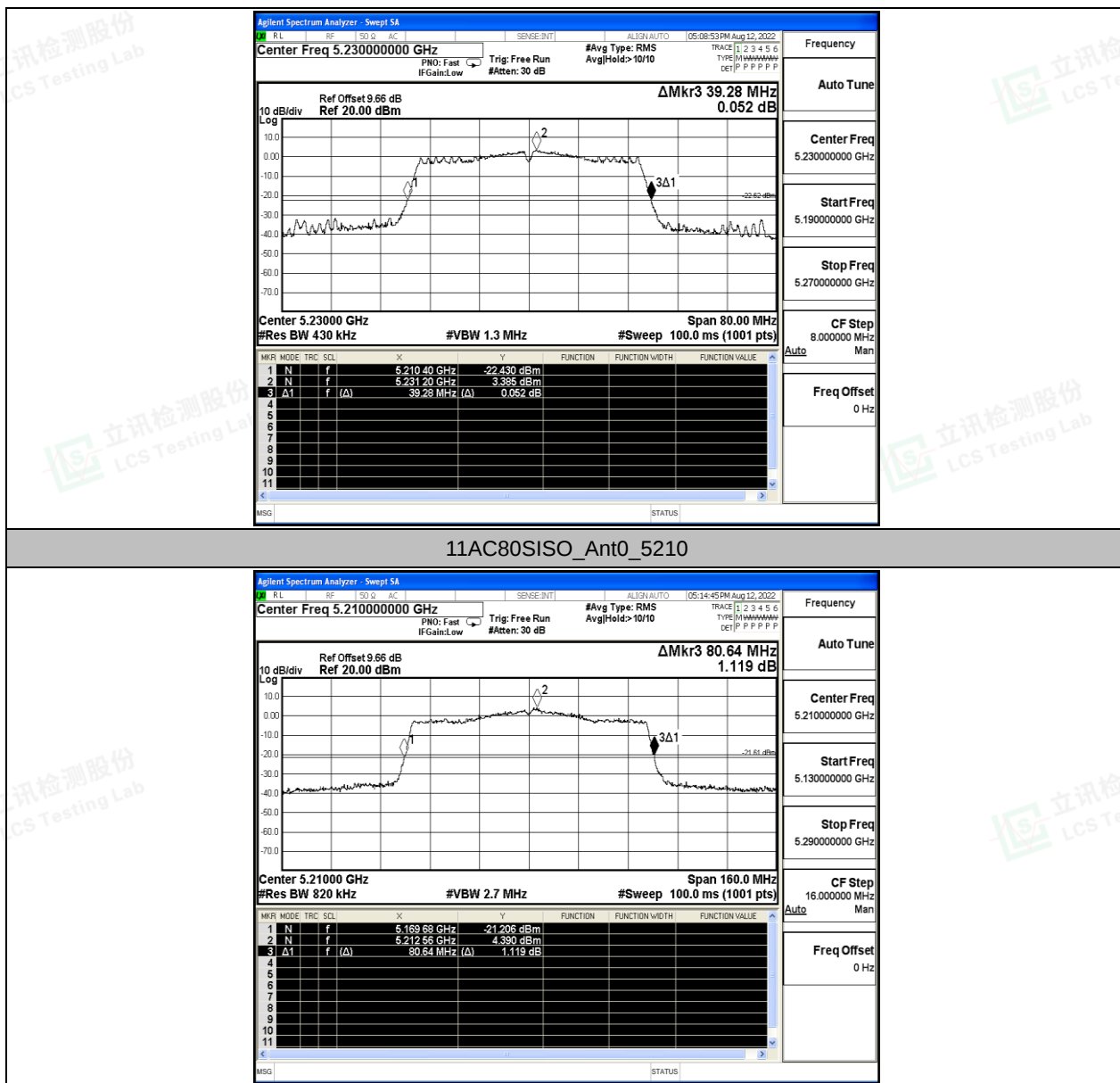


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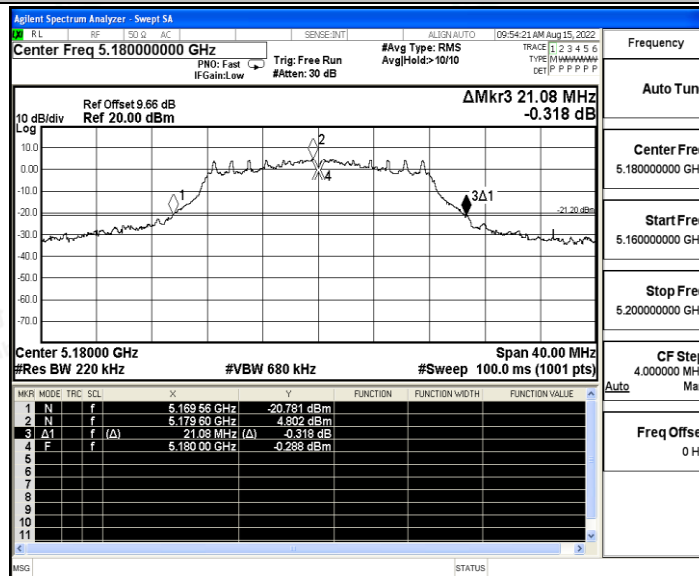
TestMode	Antenna	Frequency[MHz]	26db EBW [MHz]	FL[MHz]	FH[MHz]	Limit[MHz]	Verdict
11A	Ant1	5180	21.080	5169.560	5190.640	---	---
		5220	20.800	5209.640	5230.440	---	---
		5240	20.720	5229.680	5250.400	---	---
11N20SISO	Ant1	5180	21.040	5169.440	5190.480	---	---
		5220	21.400	5209.320	5230.720	---	---
		5240	21.160	5229.400	5250.560	---	---
11N40SISO	Ant1	5190	39.280	5170.400	5209.680	---	---
		5230	39.280	5210.400	5249.680	---	---
11AC20SISO	Ant1	5180	21.120	5169.520	5190.640	---	---
		5220	21.160	5209.440	5230.600	---	---
		5240	21.240	5229.360	5250.600	---	---
11AC40SISO	Ant1	5190	39.440	5170.240	5209.680	---	---
		5230	39.280	5210.400	5249.680	---	---
11AC80SISO	Ant1	5210	80.800	5169.520	5250.320	---	---



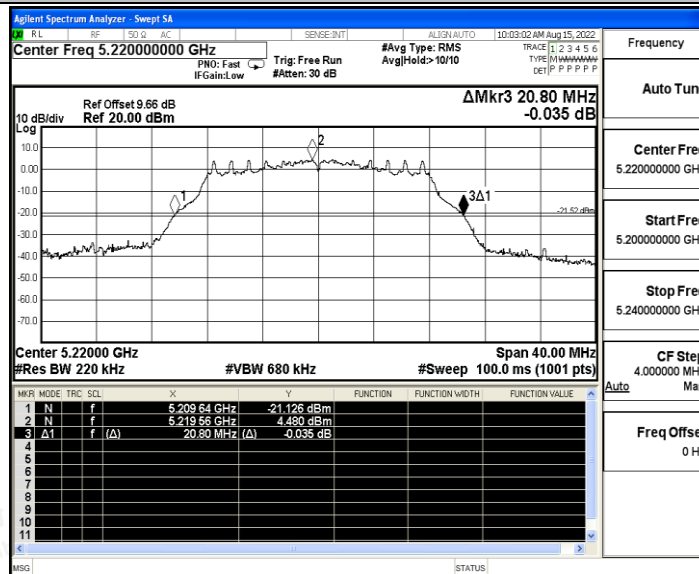


Test Graphs

11A_Ant1_5180

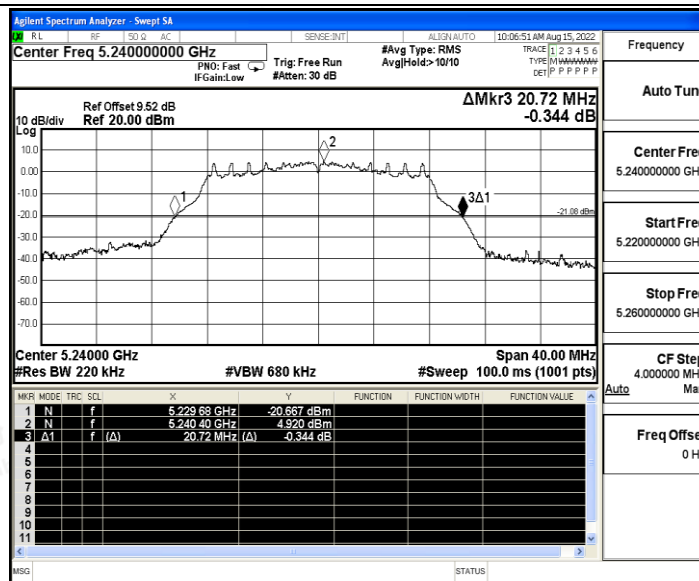


11A_Ant1_5220

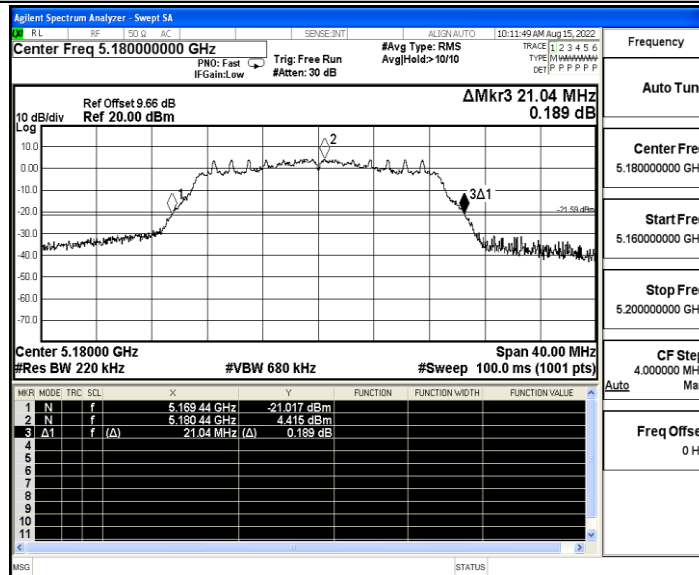


11A_Ant1_5240





11N20SISO_Ant1_5180



11N20SISO_Ant1_5220

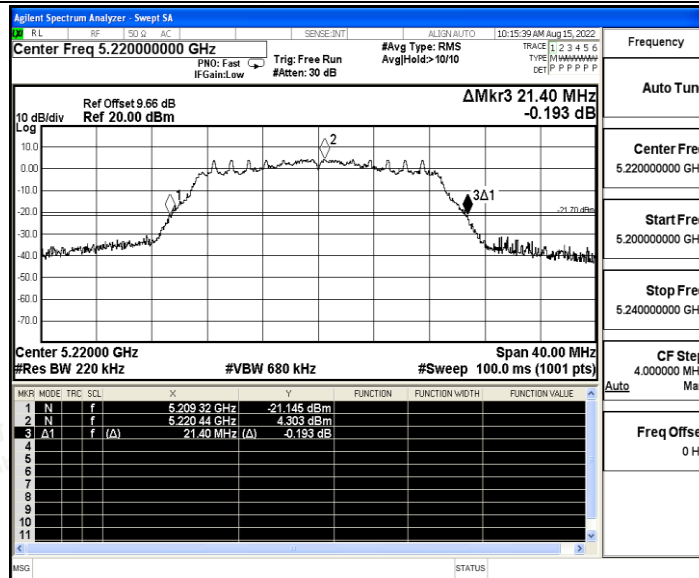


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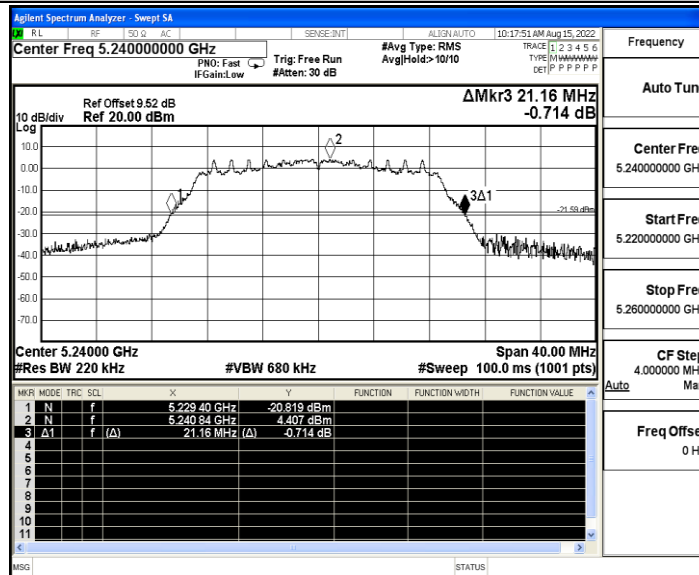
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11N20SISO_Ant1_5240



11N40SISO_Ant1_5190

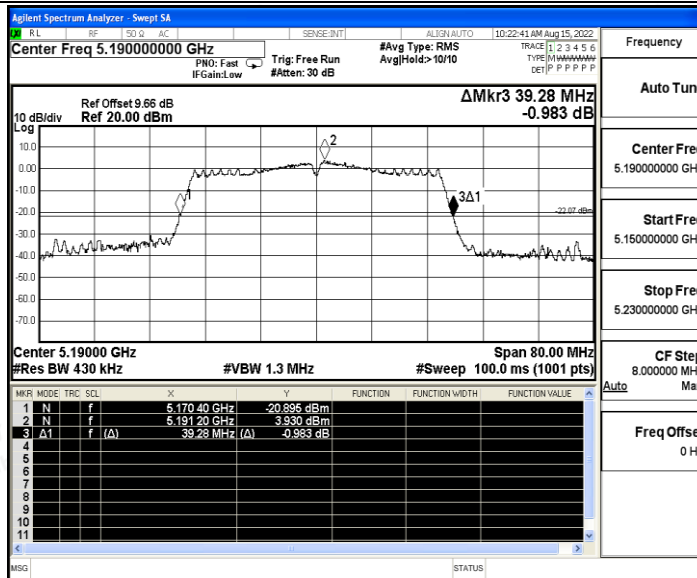


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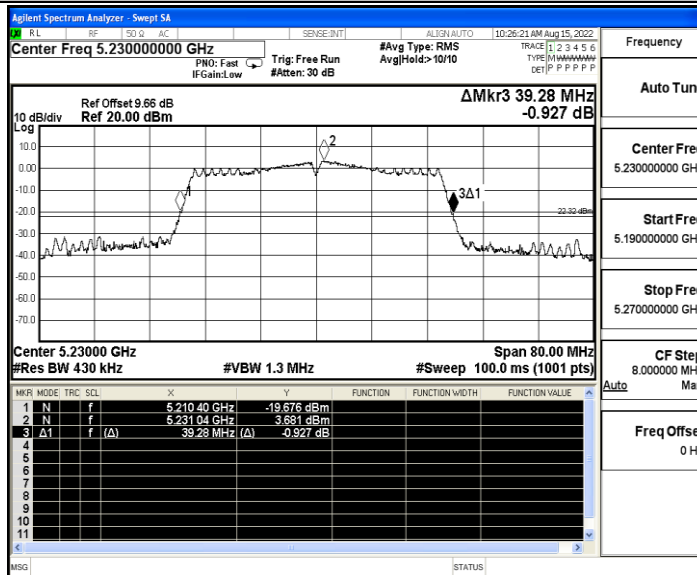
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11N40SISO_Ant1_5230



11AC20SISO_Ant1_5180

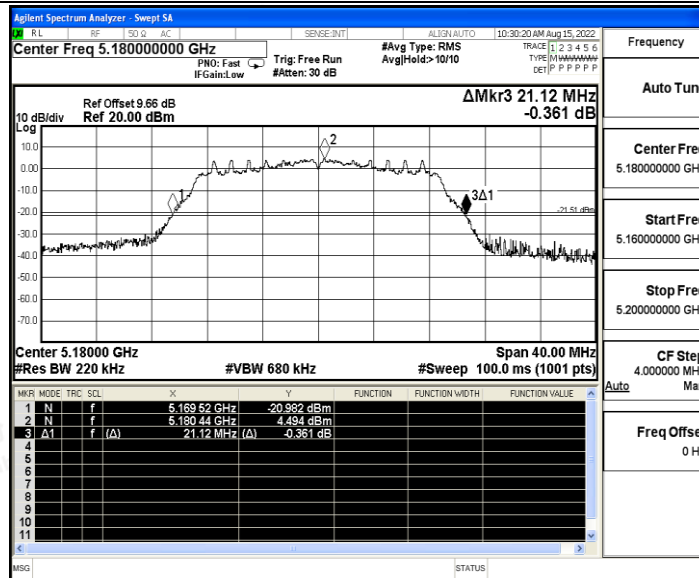


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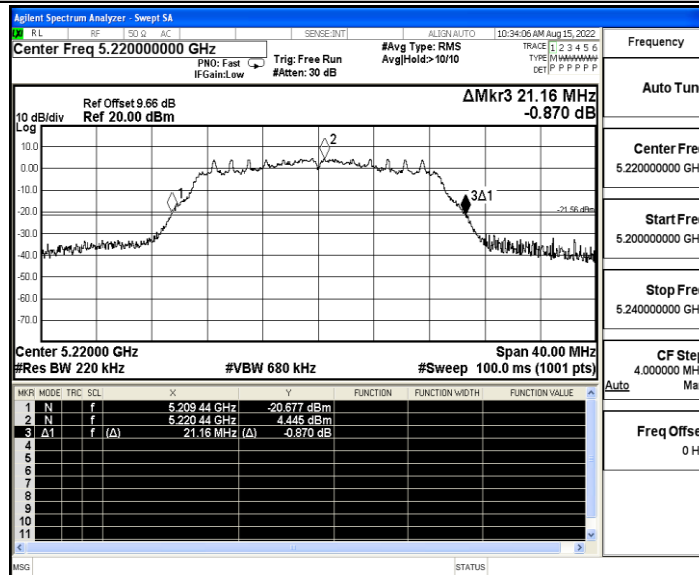
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11AC20SISO_Ant1_5220



11AC20SISO_Ant1_5240



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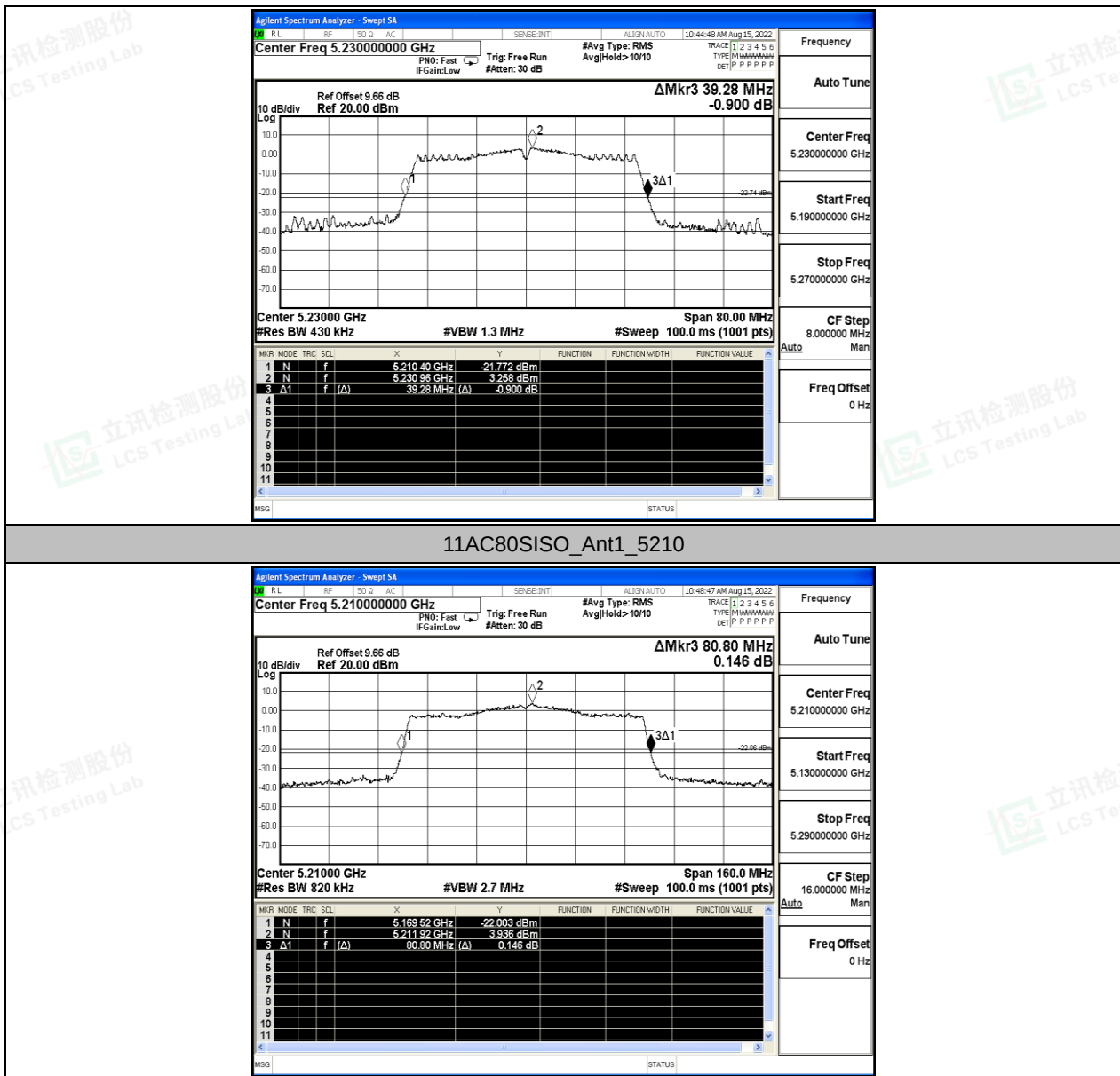


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D.2 Maximum conducted output power

Test Result Channel Power

Test Mode	Antenna	Frequency [MHz]	Set Power	Channel Power [dBm]	Duty Cycle [%]	DC Factor [dBm]	Result [dBm]	Limit [dBm]	Verdict
11A	Ant0	5180	---	11.78	93.33	0.30	12.08	≤23.98	PASS
		5220	---	11.98	93.33	0.30	12.28	≤23.98	PASS
		5240	---	12.04	93.33	0.30	12.34	≤23.98	PASS
11N20SISO	Ant0	5180	---	11.75	92.86	0.32	12.07	≤23.98	PASS
		5220	---	11.85	92.91	0.32	12.17	≤23.98	PASS
		5240	---	11.93	92.91	0.32	12.25	≤23.98	PASS
11N40SISO	Ant0	5190	---	10.10	86.49	0.63	10.73	≤23.98	PASS
		5230	---	10.16	86.49	0.63	10.79	≤23.98	PASS
11AC20SISO	Ant0	5180	---	11.78	92.96	0.32	12.10	≤23.98	PASS
		5220	---	11.93	92.96	0.32	12.25	≤23.98	PASS
		5240	---	11.91	92.91	0.32	12.23	≤23.98	PASS
11AC40SISO	Ant0	5190	---	10.12	86.84	0.61	10.73	≤23.98	PASS
		5230	---	10.32	86.84	0.61	10.93	≤23.98	PASS
11AC80SISO	Ant0	5210	---	9.59	76.19	1.18	10.77	≤23.98	PASS

Test Mode	Antenna	Frequency [MHz]	Set Power	Channel Power [dBm]	Duty Cycle [%]	DC Factor [dBm]	Result [dBm]	Limit [dBm]	Verdict
11A	Ant1	5180	---	12.35	93.33	0.30	12.65	≤23.98	PASS
		5220	---	12.38	93.29	0.30	12.68	≤23.98	PASS
		5240	---	12.49	93.33	0.30	12.79	≤23.98	PASS
11N20SISO	Ant1	5180	---	12.02	92.86	0.32	12.34	≤23.98	PASS
		5220	---	12.21	92.91	0.32	12.53	≤23.98	PASS
		5240	---	12.19	92.91	0.32	12.51	≤23.98	PASS
11N40SISO	Ant1	5190	---	10.43	86.67	0.62	11.05	≤23.98	PASS
		5230	---	10.70	86.67	0.62	11.32	≤23.98	PASS
11AC20SISO	Ant1	5180	---	12.05	92.91	0.32	12.37	≤23.98	PASS
		5220	---	12.28	92.96	0.32	12.60	≤23.98	PASS
		5240	---	12.25	92.96	0.32	12.57	≤23.98	PASS
11AC40SISO	Ant1	5190	---	10.41	86.67	0.62	11.03	≤23.98	PASS
		5230	---	10.59	86.67	0.62	11.21	≤23.98	PASS
11AC80SISO	Ant1	5210	---	9.93	76.74	1.15	11.08	≤23.98	PASS



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MIMO

Condition	Mode	Frequency (MHz)	Total Power (dBm)			Limit (dBm)	Verdict
			Ant0	Ant1	Ant0+Ant1		
NVNT	n20	5180	12.07	12.34	15.22	23.67	Pass
NVNT	n20	5200	12.17	12.53	15.36	23.67	Pass
NVNT	n20	5240	12.25	12.51	15.39	23.67	Pass
NVNT	n40	5190	10.73	11.05	13.90	23.67	Pass
NVNT	n40	5230	10.79	11.32	14.07	23.67	Pass
NVNT	ac20	5180	12.10	12.37	15.25	23.67	Pass
NVNT	ac20	5200	12.25	12.60	15.44	23.67	Pass
NVNT	ac20	5240	12.23	12.57	15.41	23.67	Pass
NVNT	ac40	5190	10.73	11.03	13.89	23.67	Pass
NVNT	ac40	5230	10.93	11.21	14.08	23.67	Pass
NVNT	ac80	5210	10.77	11.08	13.94	23.67	Pass





D.3 Maximum power spectral density

Test Result

TestMode	Antenna	Frequency[MHz]	Result [dBm/MHz]	Limit[dBm/MHz]	Verdict
11A	Ant0	5180	3.24	≤11.00	PASS
		5220	3.43	≤11.00	PASS
		5240	3.4	≤11.00	PASS
11N20SISO	Ant0	5180	3.09	≤11.00	PASS
		5220	3.2	≤11.00	PASS
		5240	3.1	≤11.00	PASS
11N40SISO	Ant0	5190	-1.11	≤11.00	PASS
		5230	-0.73	≤11.00	PASS
11AC20SISO	Ant0	5180	3.02	≤11.00	PASS
		5220	3.09	≤11.00	PASS
		5240	3.18	≤11.00	PASS
11AC40SISO	Ant0	5190	-0.9	≤11.00	PASS
		5230	-0.83	≤11.00	PASS
11AC80SISO	Ant0	5210	-3.53	≤11.00	PASS

TestMode	Antenna	Frequency[MHz]	Result [dBm/MHz]	Limit[dBm/MHz]	Verdict
11A	Ant1	5180	3.62	≤11.00	PASS
		5220	3.7	≤11.00	PASS
		5240	3.68	≤11.00	PASS
11N20SISO	Ant1	5180	3.15	≤11.00	PASS
		5220	3.29	≤11.00	PASS
		5240	3.31	≤11.00	PASS
11N40SISO	Ant1	5190	-0.68	≤11.00	PASS
		5230	-0.41	≤11.00	PASS
11AC20SISO	Ant1	5180	3.22	≤11.00	PASS
		5220	3.38	≤11.00	PASS
		5240	3.35	≤11.00	PASS
11AC40SISO	Ant1	5190	-0.83	≤11.00	PASS
		5230	-0.74	≤11.00	PASS
11AC80SISO	Ant1	5210	-3.55	≤11.00	PASS





MIMO

Test Mode	Channel	Frequency (MHz)	Ant 0 Conducted Power (dBm/MHz)	Ant 1 Conducted Power (dBm/MHz)	MIMO AV Conducted Power (dBm/MHz)	Limit (dBm/MHz)	Verdict
n20	36	5180	3.09	3.15	6.13	≤10.67	Pass
	40	5200	3.2	3.29	6.26		Pass
	48	5240	3.1	3.31	6.22		Pass
N40	38	5190	-1.11	-0.68	2.12	≤10.67	Pass
	46	5230	-0.73	-0.41	2.44		Pass
ac20	36	5180	3.02	3.22	6.13	≤10.67	Pass
	40	5200	3.09	3.38	6.25		Pass
	48	5240	3.18	3.35	6.28		Pass
ac40	38	5190	-0.9	-0.83	2.15	≤10.67	Pass
	46	5230	-0.83	-0.74	2.23		Pass
ac80	42	5210	-3.53	-3.55	-0.53	≤10.67	Pass

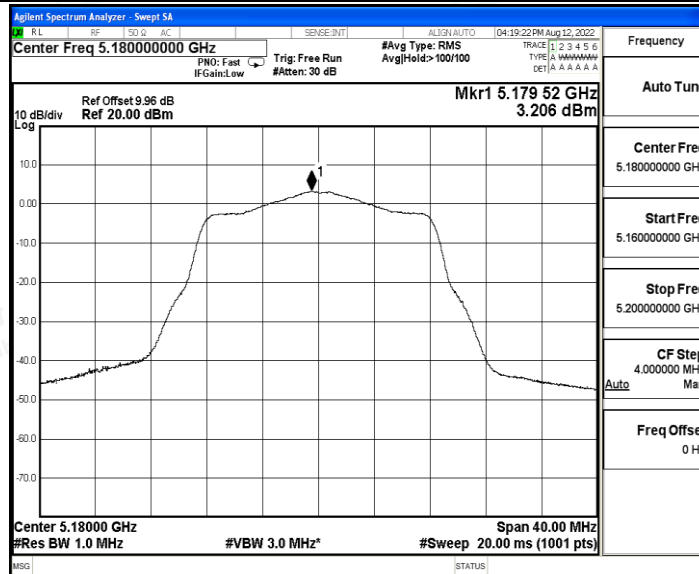
Note: The Duty Cycle Factor is compensated in the graph.



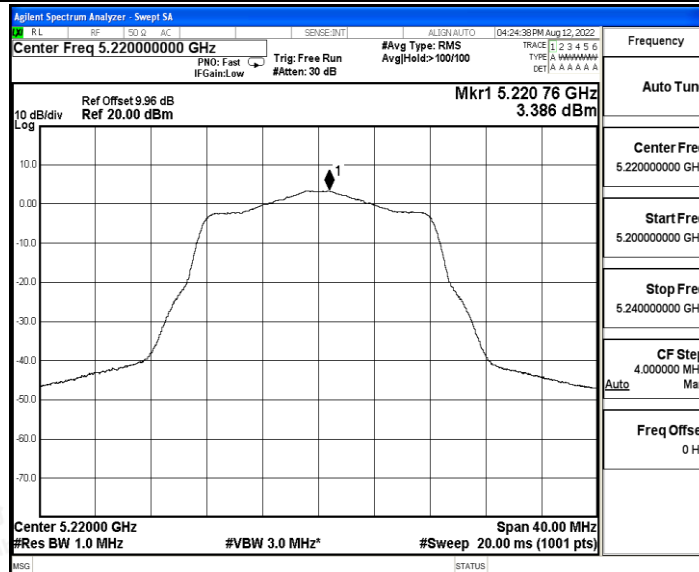


Test Graphs

11A_Ant0_5180



11A_Ant0_5220



11A_Ant0_5240

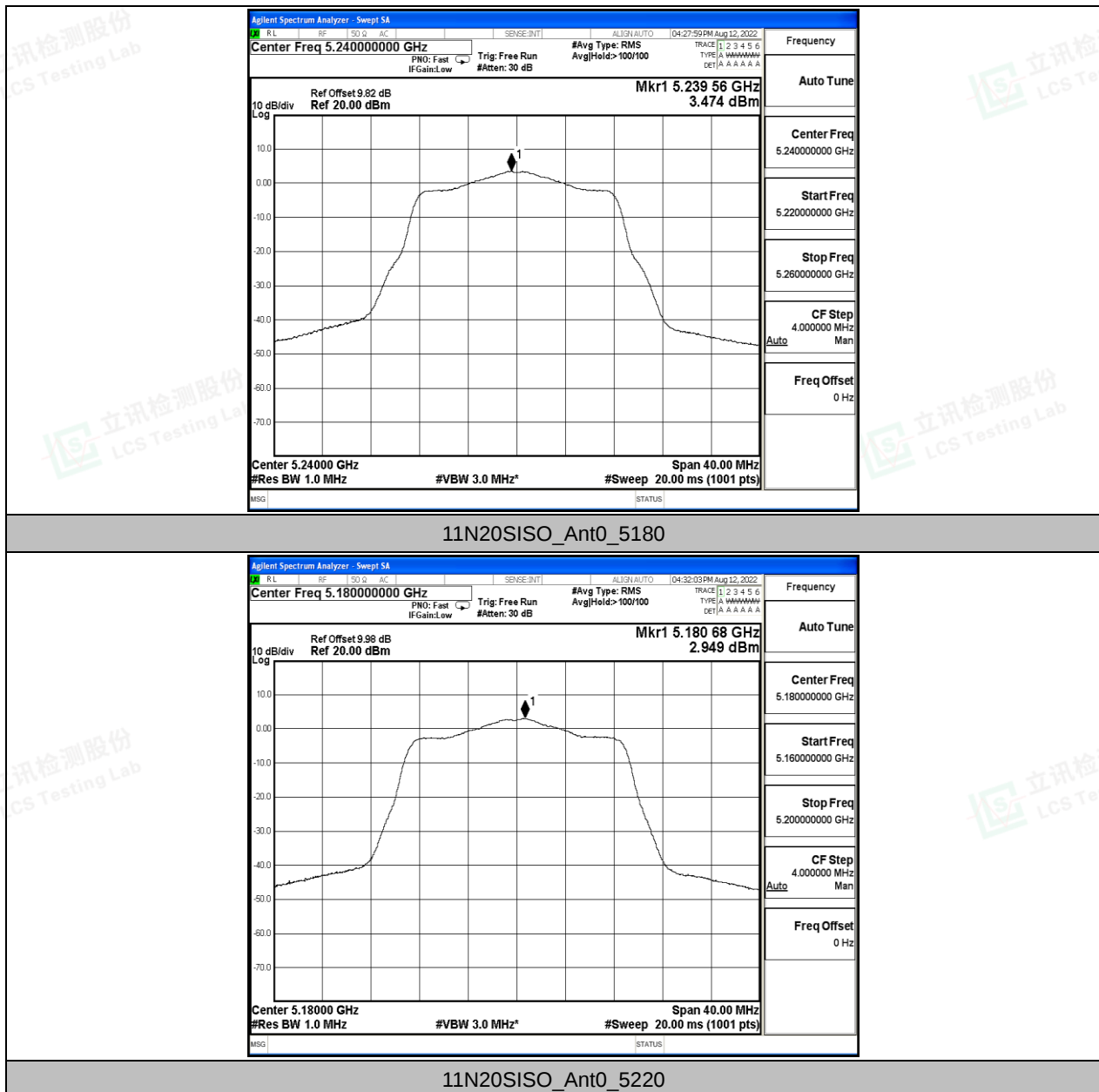


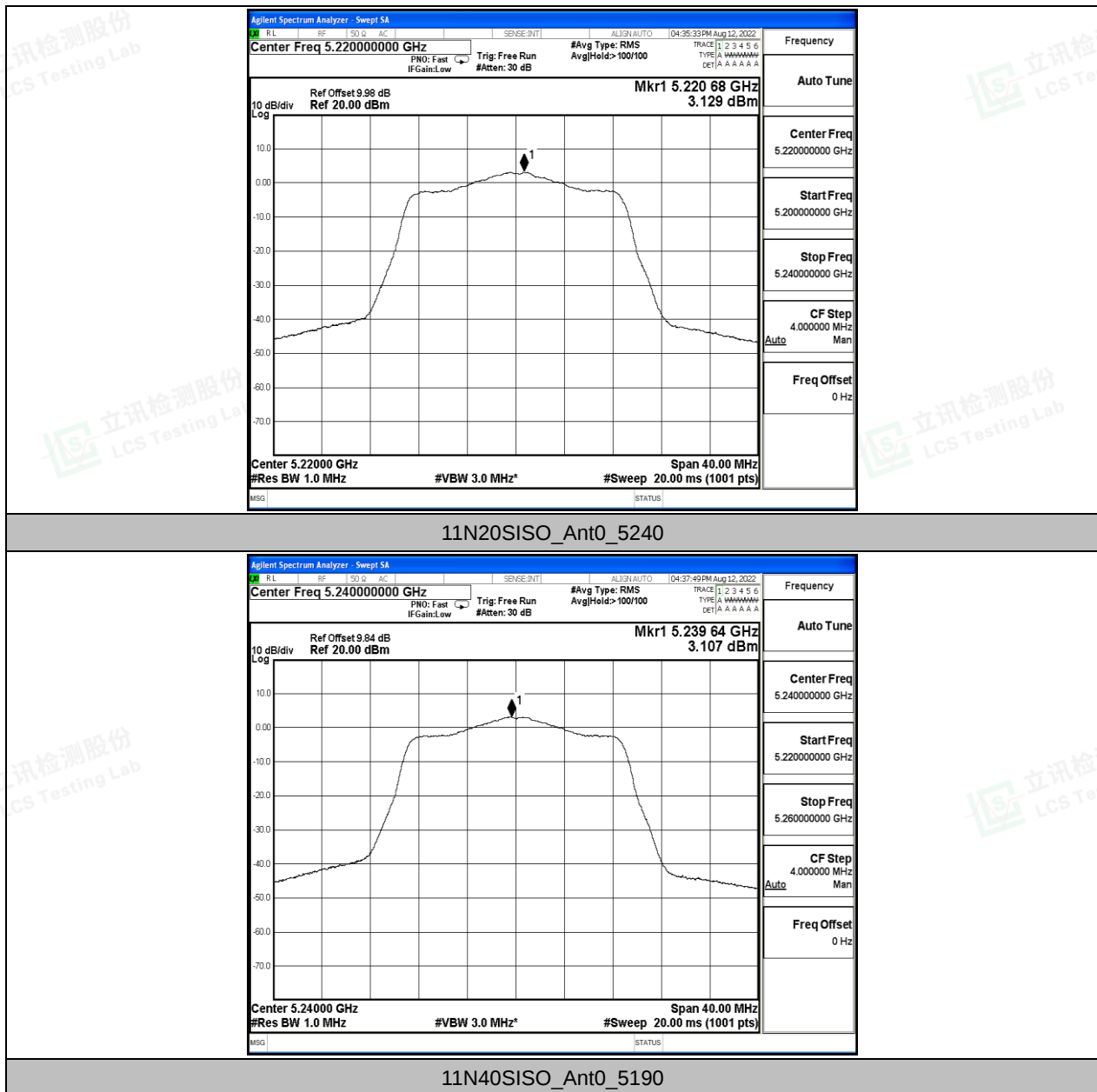
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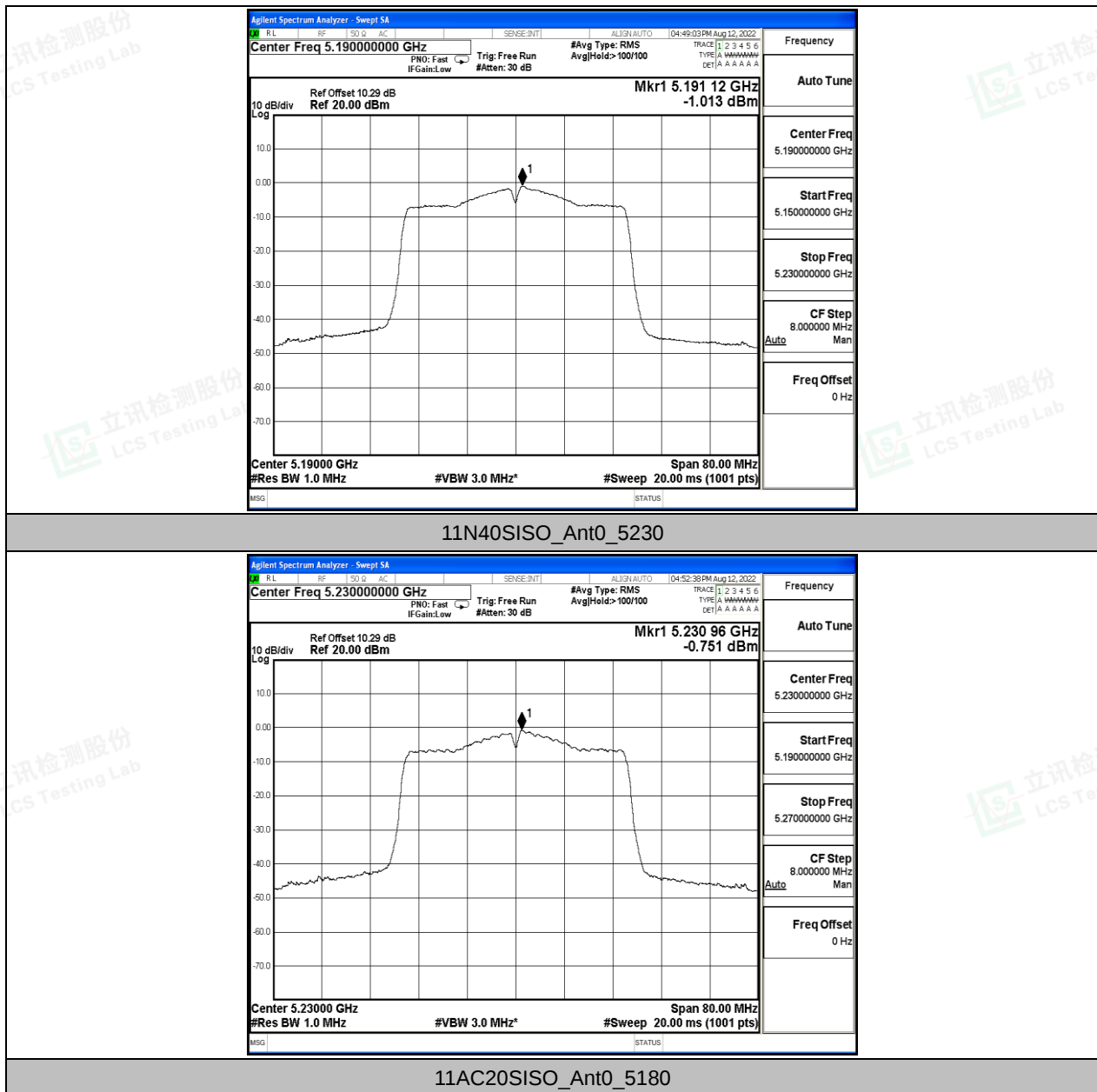
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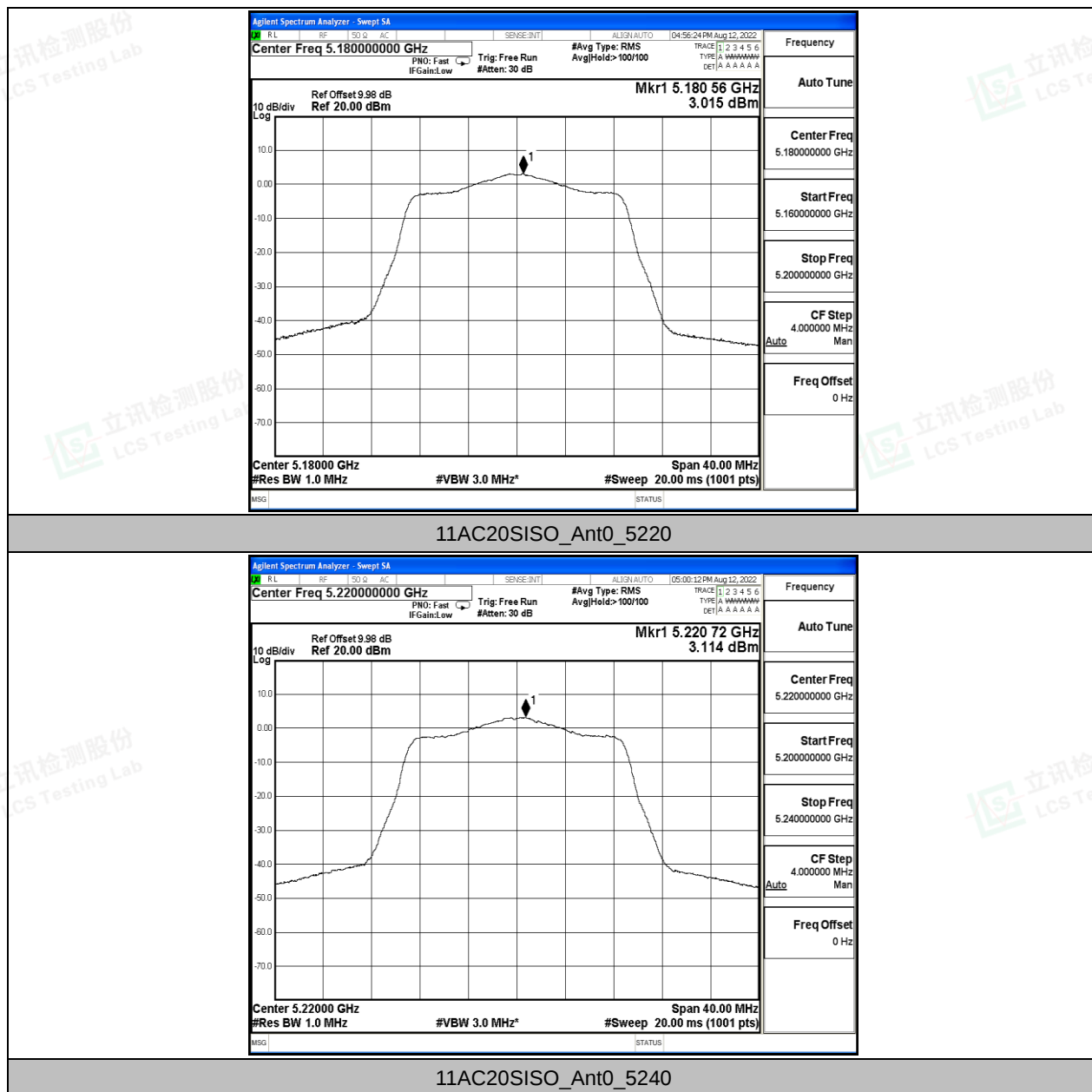
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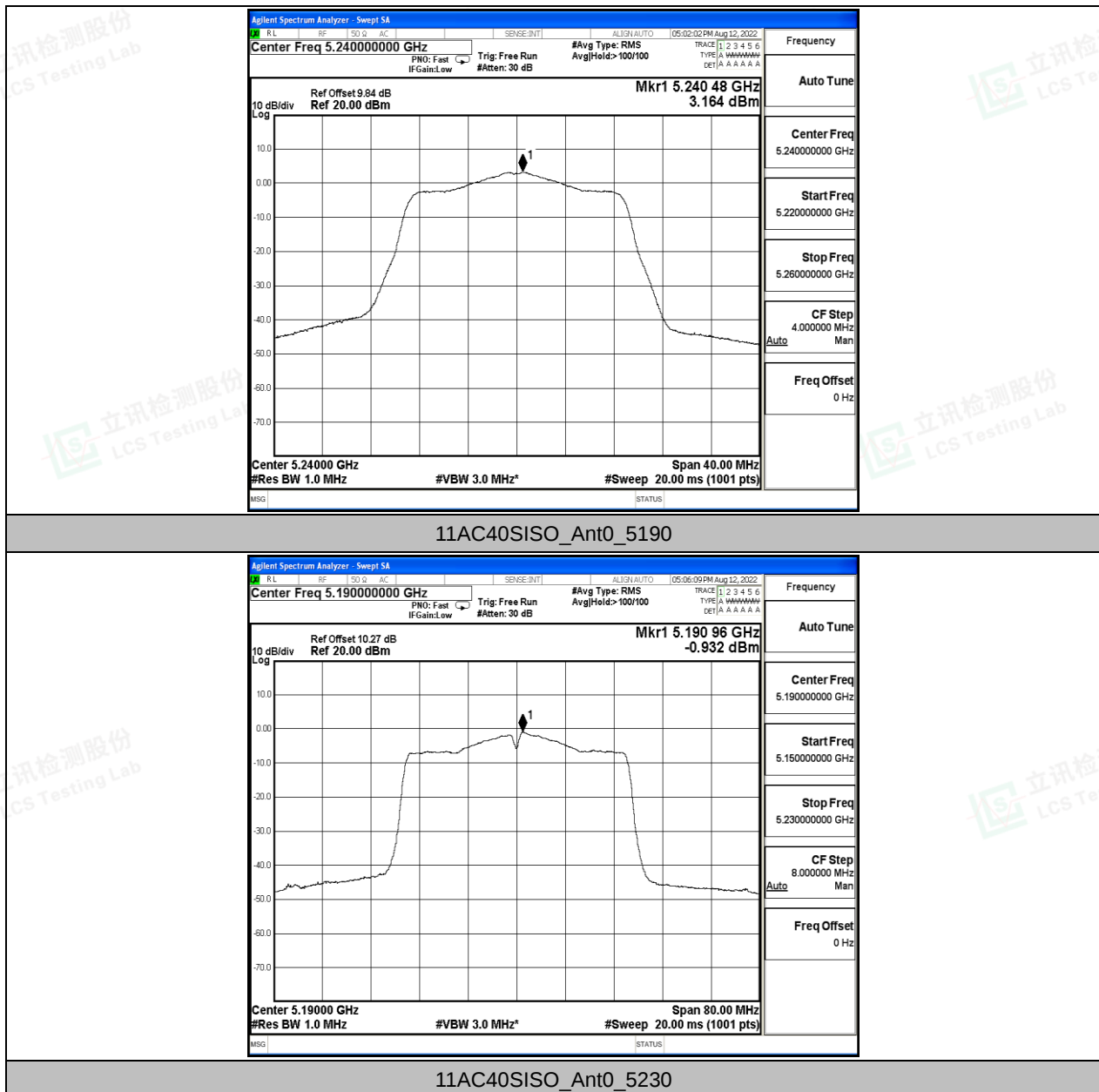
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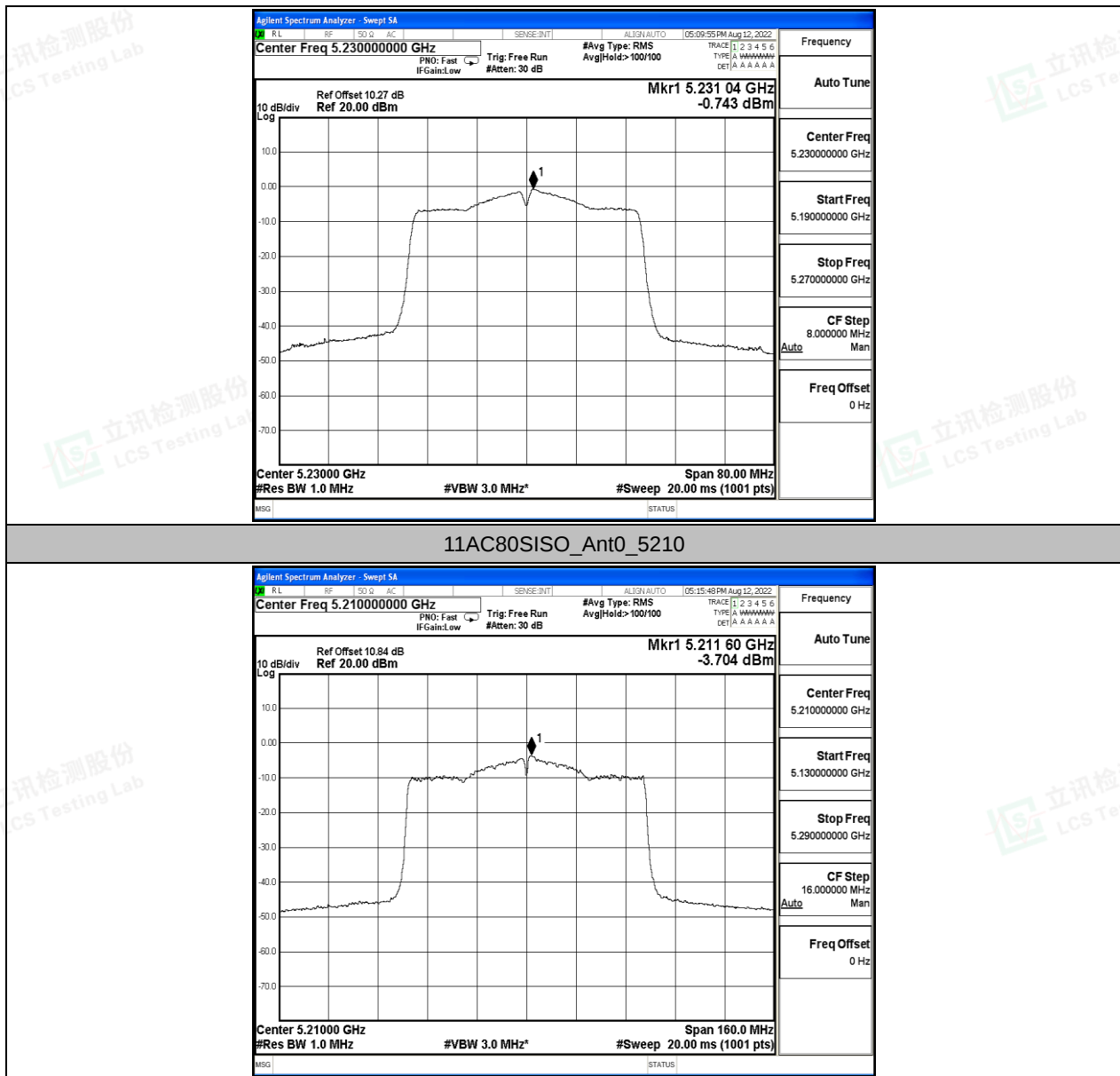


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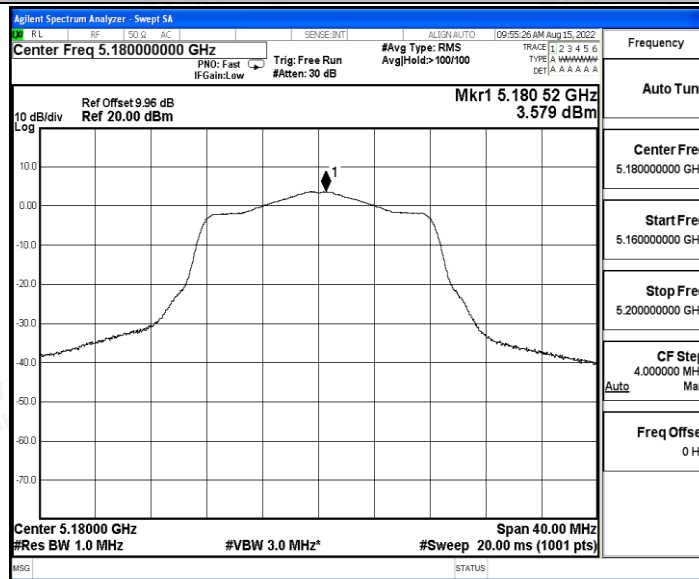
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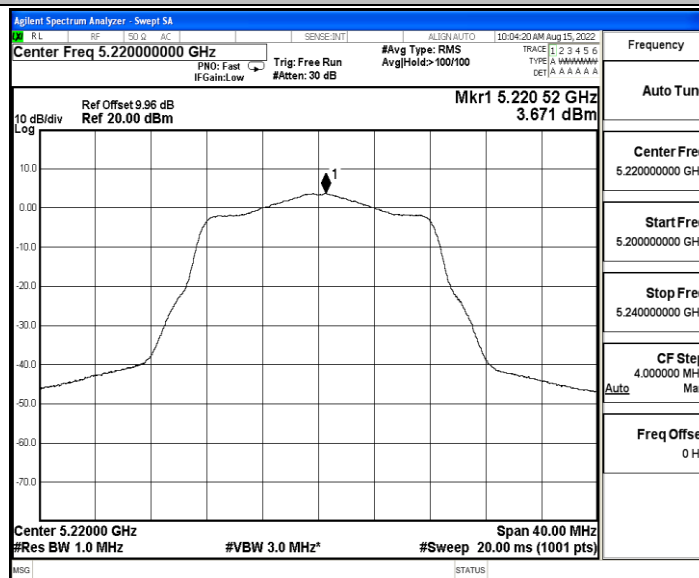
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11A_Ant1_5180

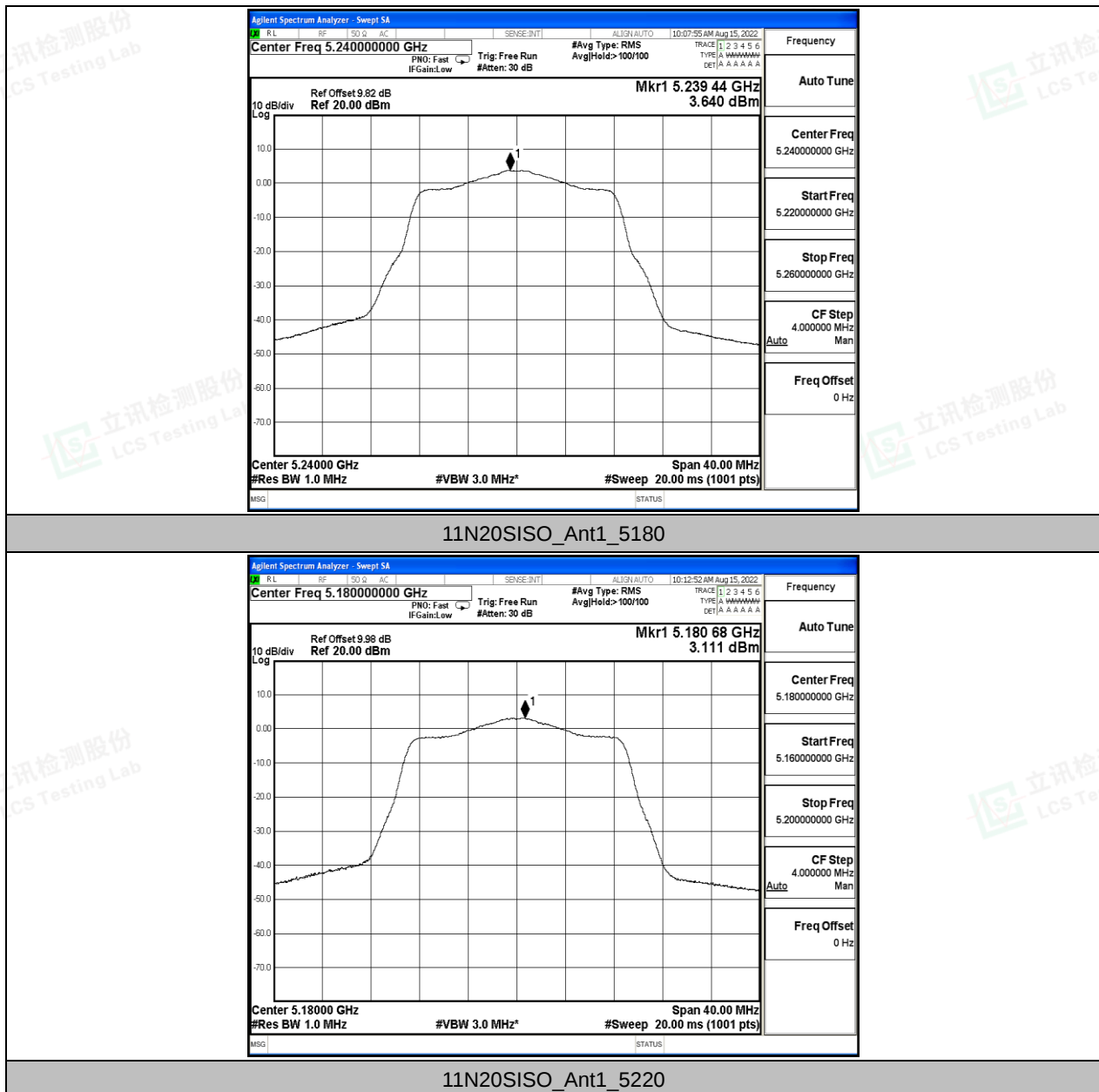


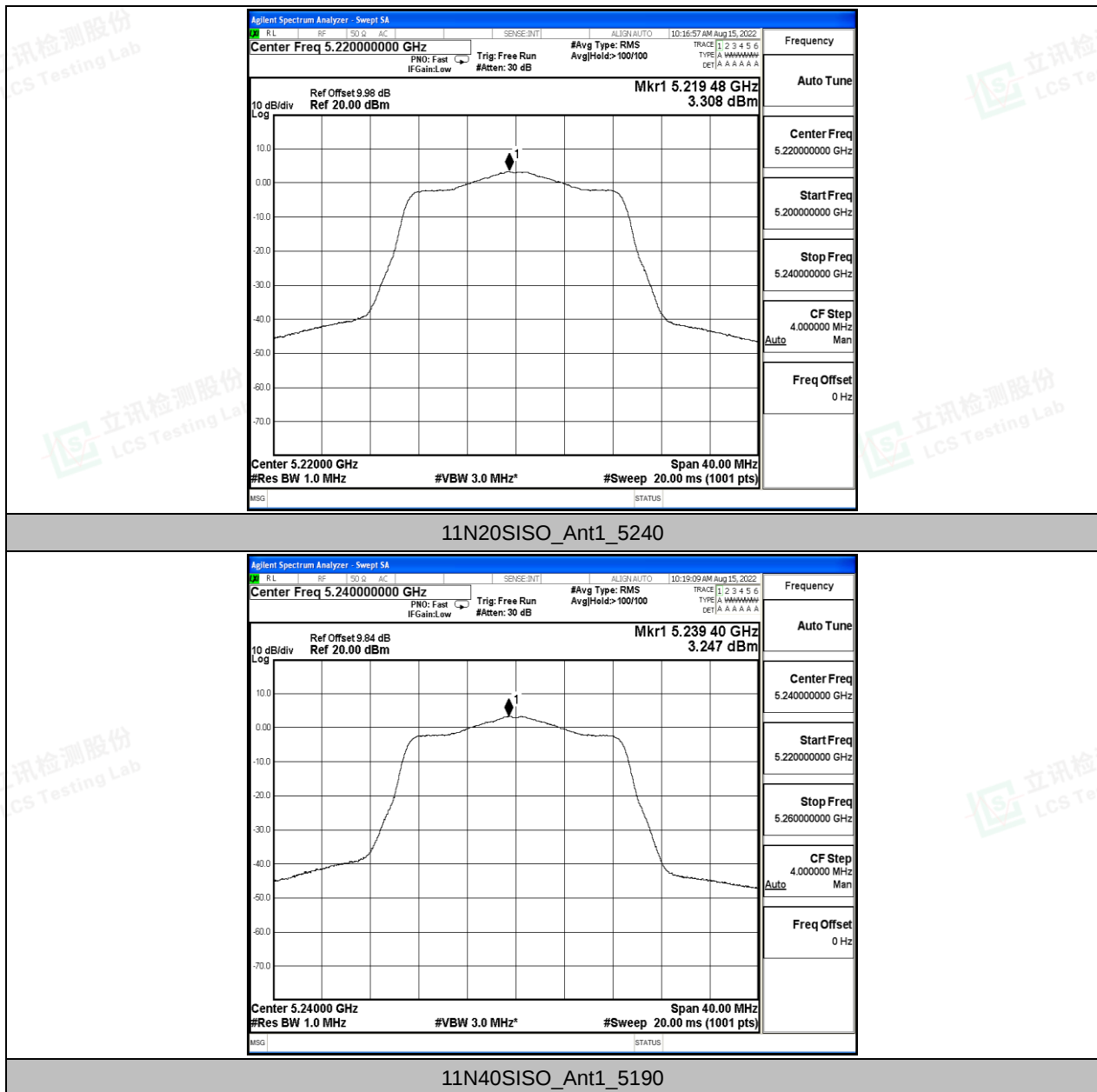
11A_Ant1_5220

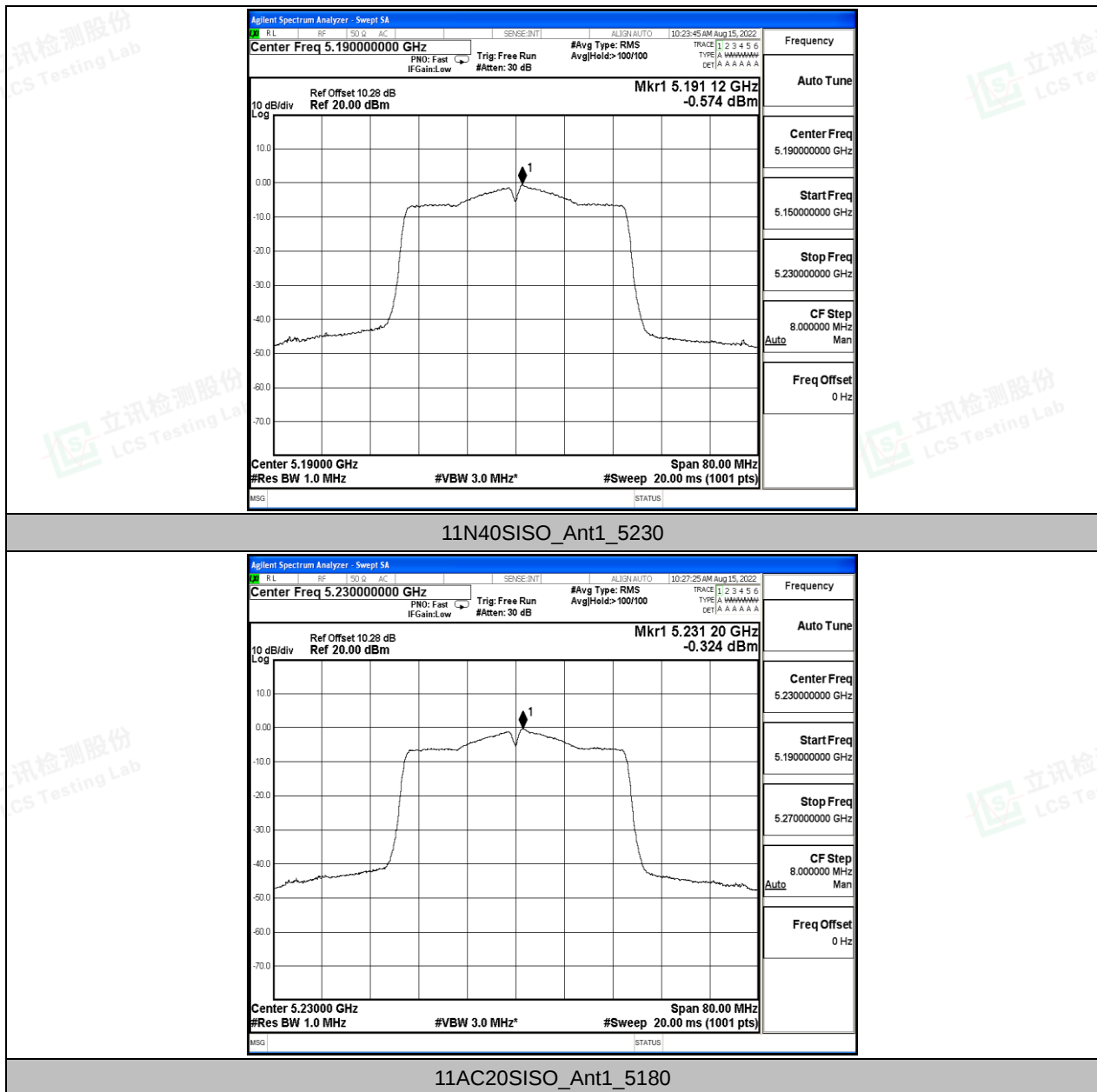


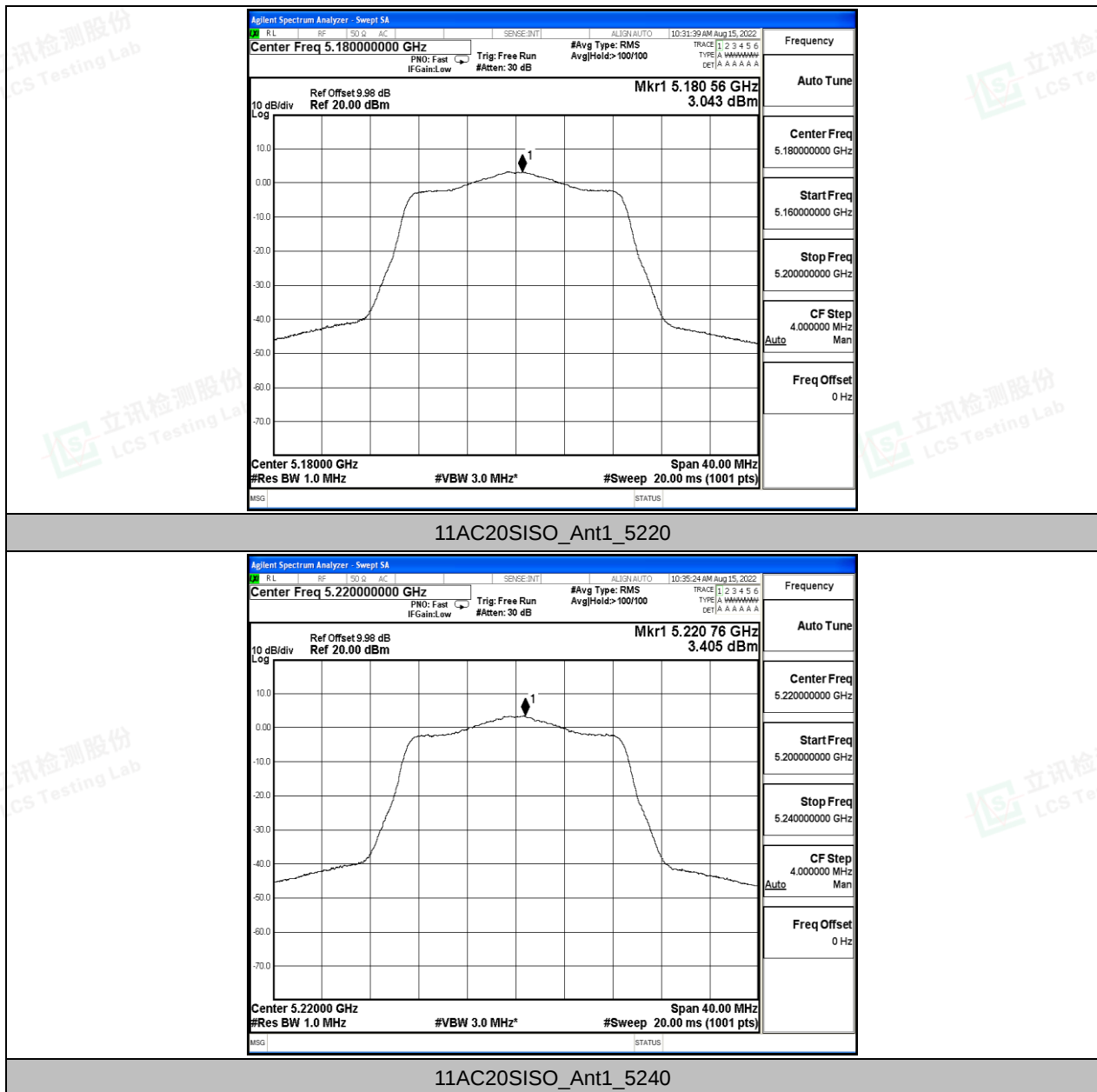
11A_Ant1_5240

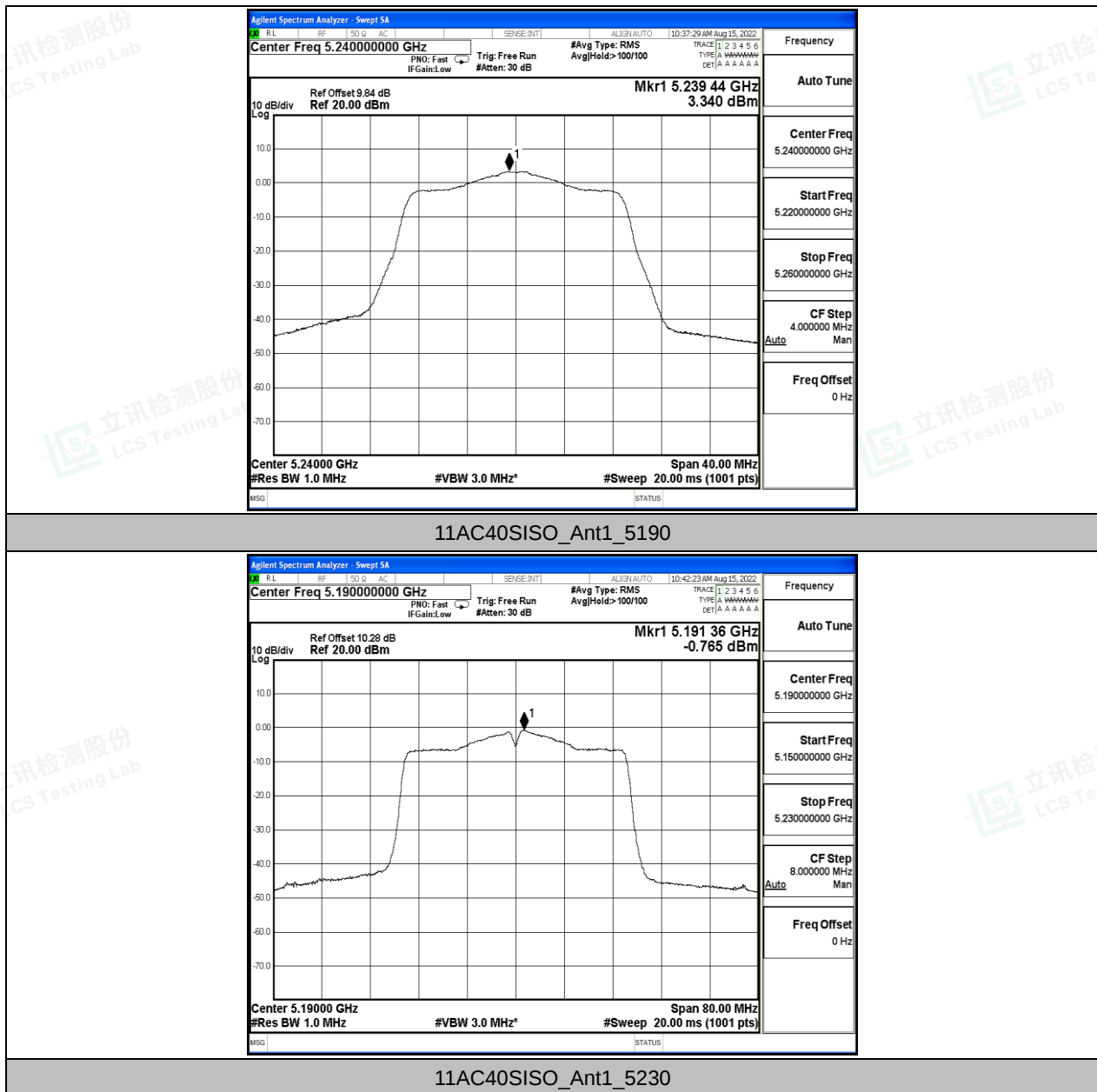










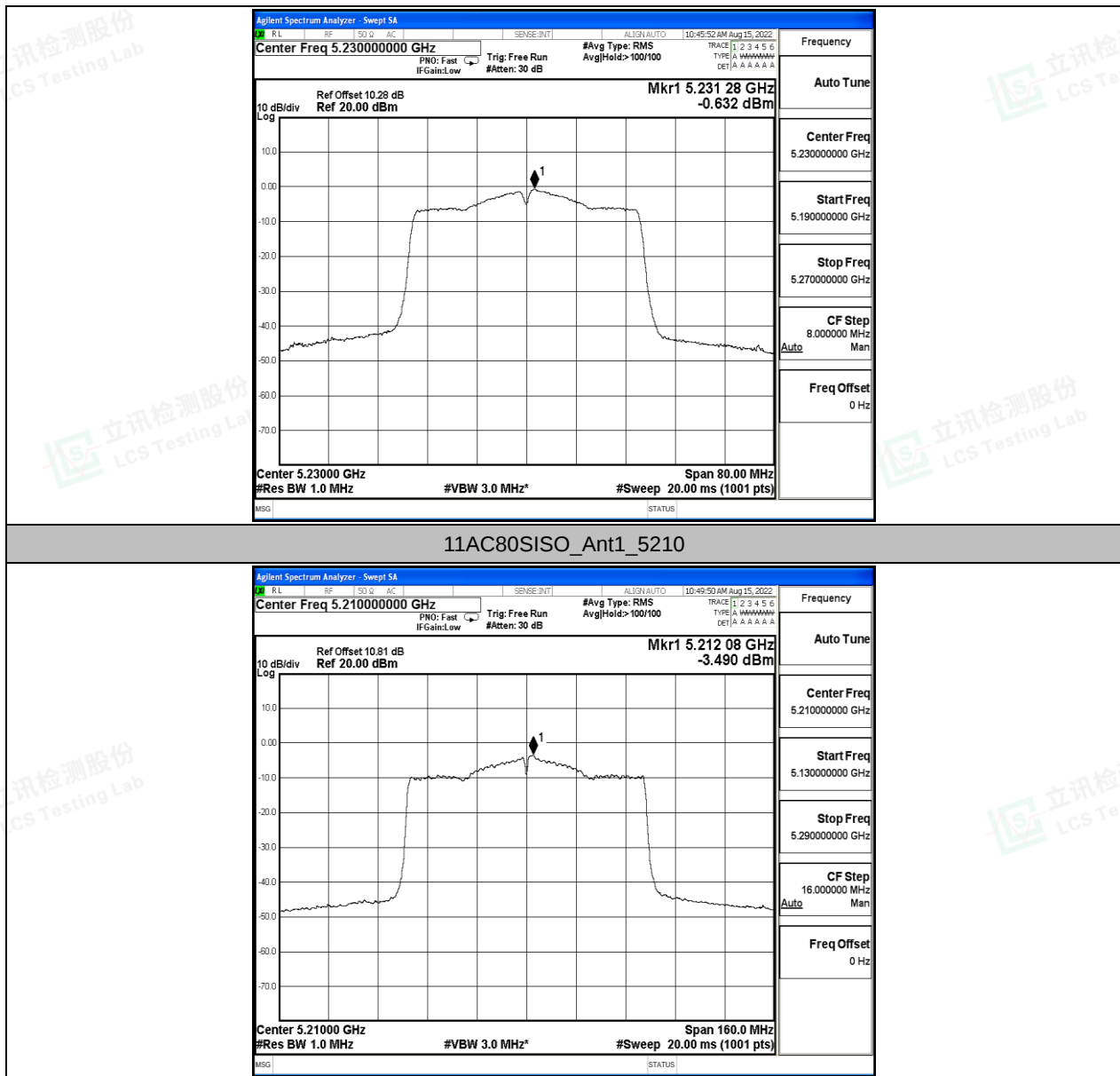


Shenzhen LCS Compliance Testing Laboratory Ltd.

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

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

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D.4 Emissions in Restricted Bands

Ant0

TestMode	Antenna	ChName	Frequency [MHz]	Detector	Freq [MHz]	Result [dBm]	Limit [dBm]	Result [dBuV/m]	Limit [dBuV/m]	Verdict
11A	Ant0	Low	5180	AV	4500.000	-58.06	≤-41.20	40.49	≤54	PASS
				AV	5149.600	-54.91	≤-41.20	43.64	≤54	PASS
				AV	5150.000	-54.97	≤-41.20	43.58	≤54	PASS
				Peak	4500.000	-52.43	≤-21.20	46.12	≤68.2	PASS
				Peak	5145.400	-46.35	≤-21.20	52.20	≤68.2	PASS
				Peak	5150.000	-47.16	≤-21.20	51.39	≤68.2	PASS
		High	5240	AV	5350.000	-56.06	≤-41.20	42.49	≤54	PASS
				AV	5354.640	-55.89	≤-41.20	42.66	≤54	PASS
				AV	5460.000	-57.15	≤-41.20	41.40	≤54	PASS
				Peak	5350.000	-50.7	≤-21.20	47.85	≤68.2	PASS
				Peak	5386.080	-47.94	≤-21.20	50.61	≤68.2	PASS
				Peak	5460.000	-51.84	≤-21.20	46.71	≤68.2	PASS
11N20SISO	Ant0	Low	5180	AV	4500.000	-57.86	≤-41.20	40.69	≤54	PASS
				AV	5149.600	-54.92	≤-41.20	43.63	≤54	PASS
				AV	5150.000	-54.85	≤-41.20	43.70	≤54	PASS
				Peak	4500.000	-52.06	≤-21.20	46.49	≤68.2	PASS
				Peak	4909.500	-47.39	≤-21.20	51.16	≤68.2	PASS
				Peak	5150.000	-48.33	≤-21.20	50.22	≤68.2	PASS
		High	5240	AV	5350.000	-55.75	≤-41.20	42.80	≤54	PASS
				AV	5353.440	-55.37	≤-41.20	43.18	≤54	PASS
				AV	5460.000	-56.94	≤-41.20	41.61	≤54	PASS
				Peak	5350.000	-50.07	≤-21.20	48.48	≤68.2	PASS
				Peak	5411.040	-47.76	≤-21.20	50.79	≤68.2	PASS
				Peak	5460.000	-50.41	≤-21.20	48.14	≤68.2	PASS
11N40SISO	Ant0	Low	5190	AV	4500.000	-57.6	≤-41.20	40.95	≤54	PASS
				AV	5148.900	-53.91	≤-41.20	44.64	≤54	PASS
				AV	5150.000	-53.99	≤-41.20	44.56	≤54	PASS
				Peak	4500.000	-55.79	≤-21.20	42.76	≤68.2	PASS
				Peak	5000.500	-46.4	≤-21.20	52.15	≤68.2	PASS
				Peak	5150.000	-50.53	≤-21.20	48.02	≤68.2	PASS
		High	5230	AV	5350.000	-55.45	≤-41.20	43.10	≤54	PASS
				AV	5350.020	-55.45	≤-41.20	43.10	≤54	PASS
				AV	5460.000	-56.98	≤-41.20	41.57	≤54	PASS
				Peak	5350.000	-51.01	≤-21.20	47.54	≤68.2	PASS
				Peak	5434.520	-47.78	≤-21.20	50.77	≤68.2	PASS





				Peak	5460.000	-53.77	≤-21.20	44.78	≤68.2	PASS
11AC20SI SO	Ant0	Low	5180	AV	4500.000	-57.89	≤-41.20	40.66	≤54	PASS
				AV	5149.600	-54.91	≤-41.20	43.64	≤54	PASS
				AV	5150.000	-54.86	≤-41.20	43.69	≤54	PASS
				Peak	4500.000	-52.48	≤-21.20	46.07	≤68.2	PASS
				Peak	5095.700	-46.57	≤-21.20	51.98	≤68.2	PASS
				Peak	5150.000	-48.72	≤-21.20	49.83	≤68.2	PASS
		High	5240	AV	5350.000	-55.81	≤-41.20	42.74	≤54	PASS
				AV	5350.080	-55.81	≤-41.20	42.74	≤54	PASS
				AV	5460.000	-57.01	≤-41.20	41.54	≤54	PASS
				Peak	5350.000	-51.95	≤-21.20	46.60	≤68.2	PASS
				Peak	5357.280	-48.01	≤-21.20	50.54	≤68.2	PASS
				Peak	5460.000	-54.69	≤-21.20	43.86	≤68.2	PASS
11AC40SI SO	Ant0	Low	5190	AV	4500.000	-57.89	≤-41.20	40.66	≤54	PASS
				AV	5148.200	-53.78	≤-41.20	44.77	≤54	PASS
				AV	5150.000	-53.83	≤-41.20	44.72	≤54	PASS
				Peak	4500.000	-52.4	≤-21.20	46.15	≤68.2	PASS
				Peak	5130.000	-45.14	≤-21.20	53.41	≤68.2	PASS
				Peak	5150.000	-49.24	≤-21.20	49.31	≤68.2	PASS
		High	5230	AV	5350.000	-55.31	≤-41.20	43.24	≤54	PASS
				AV	5350.280	-55.16	≤-41.20	43.39	≤54	PASS
				AV	5460.000	-56.68	≤-41.20	41.87	≤54	PASS
				Peak	5350.000	-52.82	≤-21.20	45.73	≤68.2	PASS
				Peak	5363.020	-47.95	≤-21.20	50.60	≤68.2	PASS
				Peak	5460.000	-51.25	≤-21.20	47.30	≤68.2	PASS
11AC80SI SO	Ant0	Low	5210	AV	4500.000	-57.58	≤-41.20	40.97	≤54	PASS
				AV	5149.500	-51.92	≤-41.20	46.63	≤54	PASS
				AV	5150.000	-52.07	≤-41.20	46.48	≤54	PASS
				Peak	4500.000	-53.74	≤-21.20	44.81	≤68.2	PASS
				Peak	5143.500	-44.42	≤-21.20	54.13	≤68.2	PASS
				Peak	5150.000	-48.69	≤-21.20	49.86	≤68.2	PASS
		High	5210	AV	5350.000	-55.25	≤-41.20	43.30	≤54	PASS
				AV	5353.600	-54.83	≤-41.20	43.72	≤54	PASS
				AV	5460.000	-56.35	≤-41.20	42.20	≤54	PASS
				Peak	5350.000	-49.24	≤-21.20	49.31	≤68.2	PASS
				Peak	5396.160	-47.35	≤-21.20	51.20	≤68.2	PASS
				Peak	5460.000	-54.76	≤-21.20	43.79	≤68.2	PASS



**Ant1**

TestMode	Antenna	ChName	Frequency [MHz]	Detector	Freq [MHz]	Result [dBm]	Limit [dBm]	Result [dBuV/m]	Limit [dBuV/m]	Verdict
11A	Ant1	Low	5180	AV	4500.000	-57.94	≤-41.20	40.61	≤54	PASS
				AV	5149.600	-54.78	≤-41.20	43.77	≤54	PASS
				AV	5150.000	-54.92	≤-41.20	43.63	≤54	PASS
				Peak	4500.000	-51.32	≤-21.20	47.23	≤68.2	PASS
				Peak	4980.900	-45.97	≤-21.20	52.58	≤68.2	PASS
				Peak	5150.000	-49.07	≤-21.20	49.48	≤68.2	PASS
		High	5240	AV	5350.000	-55.88	≤-41.20	42.67	≤54	PASS
				AV	5352.000	-55.87	≤-41.20	42.68	≤54	PASS
				AV	5460.000	-57.06	≤-41.20	41.49	≤54	PASS
				Peak	5350.000	-51.99	≤-21.20	46.56	≤68.2	PASS
				Peak	5396.640	-47.34	≤-21.20	51.21	≤68.2	PASS
				Peak	5460.000	-53.76	≤-21.20	44.79	≤68.2	PASS
11N20SIS O	Ant1	Low	5180	AV	4500.000	-58.04	≤-41.20	40.51	≤54	PASS
				AV	5149.600	-54.86	≤-41.20	43.69	≤54	PASS
				AV	5150.000	-54.81	≤-41.20	43.74	≤54	PASS
				Peak	4500.000	-53.06	≤-21.20	45.49	≤68.2	PASS
				Peak	4829.000	-46.36	≤-21.20	52.19	≤68.2	PASS
				Peak	5150.000	-48.34	≤-21.20	50.21	≤68.2	PASS
		High	5240	AV	5350.000	-55.9	≤-41.20	42.65	≤54	PASS
				AV	5351.760	-55.68	≤-41.20	42.87	≤54	PASS
				AV	5460.000	-56.91	≤-41.20	41.64	≤54	PASS
				Peak	5350.000	-49.54	≤-21.20	49.01	≤68.2	PASS
				Peak	5359.200	-47.79	≤-21.20	50.76	≤68.2	PASS
				Peak	5460.000	-52.63	≤-21.20	45.92	≤68.2	PASS
11N40SIS O	Ant1	Low	5190	AV	4500.000	-57.72	≤-41.20	40.83	≤54	PASS
				AV	5147.500	-53.96	≤-41.20	44.59	≤54	PASS
				AV	5150.000	-53.91	≤-41.20	44.64	≤54	PASS
				Peak	4500.000	-50.77	≤-21.20	47.78	≤68.2	PASS
				Peak	4804.500	-45.41	≤-21.20	53.14	≤68.2	PASS
				Peak	5150.000	-47.01	≤-21.20	51.54	≤68.2	PASS
		High	5230	AV	5350.000	-55.69	≤-41.20	42.86	≤54	PASS
				AV	5352.880	-55.24	≤-41.20	43.31	≤54	PASS
				AV	5460.000	-56.77	≤-41.20	41.78	≤54	PASS
				Peak	5350.000	-49.15	≤-21.20	49.40	≤68.2	PASS
				Peak	5352.360	-46.6	≤-21.20	51.95	≤68.2	PASS
				Peak	5460.000	-53.04	≤-21.20	45.51	≤68.2	PASS
11AC20SI	Ant1	Low	5180	AV	4500.000	-57.83	≤-41.20	40.72	≤54	PASS





SO				AV	5149.600	-54.66	≤-41.20	43.89	≤54	PASS
				AV	5150.000	-54.94	≤-41.20	43.61	≤54	PASS
				Peak	4500.000	-52.77	≤-21.20	45.78	≤68.2	PASS
				Peak	4872.400	-46.42	≤-21.20	52.13	≤68.2	PASS
				Peak	5150.000	-47.48	≤-21.20	51.07	≤68.2	PASS
		High	5240	AV	5350.000	-56.5	≤-41.20	42.05	≤54	PASS
				AV	5350.800	-56.5	≤-41.20	42.05	≤54	PASS
				AV	5460.000	-57.34	≤-41.20	41.21	≤54	PASS
				Peak	5350.000	-49.78	≤-21.20	48.77	≤68.2	PASS
				Peak	5409.840	-47.99	≤-21.20	50.56	≤68.2	PASS
11AC40SI SO	Ant1	Low	5190	AV	4500.000	-57.75	≤-41.20	40.80	≤54	PASS
				AV	5149.600	-54.03	≤-41.20	44.52	≤54	PASS
				AV	5150.000	-54.07	≤-41.20	44.48	≤54	PASS
				Peak	4500.000	-50.72	≤-21.20	47.83	≤68.2	PASS
				Peak	5137.700	-46.72	≤-21.20	51.83	≤68.2	PASS
				Peak	5150.000	-48.13	≤-21.20	50.42	≤68.2	PASS
		High	5230	AV	5350.000	-55.6	≤-41.20	42.95	≤54	PASS
				AV	5350.800	-55.53	≤-41.20	43.02	≤54	PASS
				AV	5460.000	-56.8	≤-41.20	41.75	≤54	PASS
				Peak	5350.000	-50.6	≤-21.20	47.95	≤68.2	PASS
11AC80SI SO	Ant1	Low	5210	Peak	5393.960	-48.11	≤-21.20	50.44	≤68.2	PASS
				Peak	5460.000	-50.73	≤-21.20	47.82	≤68.2	PASS
		High	5210	AV	4500.000	-57.67	≤-41.20	40.88	≤54	PASS
				AV	5149.500	-51.74	≤-41.20	46.81	≤54	PASS
				AV	5150.000	-51.69	≤-41.20	46.86	≤54	PASS
				Peak	4500.000	-53.04	≤-21.20	45.51	≤68.2	PASS
				Peak	5149.500	-45.19	≤-21.20	53.36	≤68.2	PASS
				Peak	5150.000	-44.89	≤-21.20	53.66	≤68.2	PASS
				AV	5350.000	-55.28	≤-41.20	43.27	≤54	PASS
				AV	5363.960	-54.92	≤-41.20	43.63	≤54	PASS
		Low	5210	AV	5460.000	-56.62	≤-41.20	41.93	≤54	PASS
				Peak	5350.000	-47.86	≤-21.20	50.69	≤68.2	PASS
				Peak	5365.360	-46.79	≤-21.20	51.76	≤68.2	PASS
				Peak	5460.000	-51.29	≤-21.20	47.26	≤68.2	PASS
		High	5210	AV	5350.000	-55.28	≤-41.20	43.27	≤54	PASS
				AV	5363.960	-54.92	≤-41.20	43.63	≤54	PASS
				AV	5460.000	-56.62	≤-41.20	41.93	≤54	PASS
				Peak	5350.000	-47.86	≤-21.20	50.69	≤68.2	PASS
				Peak	5365.360	-46.79	≤-21.20	51.76	≤68.2	PASS
				Peak	5460.000	-51.29	≤-21.20	47.26	≤68.2	PASS



**MIMO**

Condition	Mode	Frequency (MHz)	Spur Freq (MHz)	Power (dBm)			E (dBuV/m)	Detector	Limit (dBuV/m)	Verdict
				Ant0	Ant1	Ant0+A nt1				
NVNT	n20	5180	4500.000	-57.86	-58.04	-54.94	46.62	AV	≤54	Pass
NVNT	n20	5180	5149.600	-54.92	-54.86	-51.88	49.68	AV	≤54	Pass
NVNT	n20	5180	5150.000	-54.85	-54.81	-51.82	49.74	AV	≤54	Pass
NVNT	n20	5180	4500.000	-52.06	-53.06	-49.52	52.04	Peak	≤68.2	Pass
NVNT	n20	5180	4909.500	-47.39	-46.36	-43.83	57.72	Peak	≤68.2	Pass
NVNT	n20	5180	5150.000	-48.33	-48.34	-45.32	56.23	Peak	≤68.2	Pass
NVNT	n20	5240	5350.000	-55.75	-55.9	-52.81	48.74	AV	≤54	Pass
NVNT	n20	5240	5353.440	-55.37	-55.68	-52.51	49.05	AV	≤54	Pass
NVNT	n20	5240	5460.000	-56.94	-56.91	-53.91	47.64	AV	≤54	Pass
NVNT	n20	5240	5350.000	-50.07	-49.54	-46.79	54.77	Peak	≤68.2	Pass
NVNT	n20	5240	5411.040	-47.76	-47.79	-44.76	56.79	Peak	≤68.2	Pass
NVNT	n20	5240	5460.000	-50.41	-52.63	-48.37	53.19	Peak	≤68.2	Pass
NVNT	n40	5190	4500.000	-57.6	-57.72	-54.65	46.91	AV	≤54	Pass
NVNT	n40	5190	5148.900	-53.91	-53.96	-50.92	50.63	AV	≤54	Pass
NVNT	n40	5190	5150.000	-53.99	-53.91	-50.94	50.62	AV	≤54	Pass
NVNT	n40	5190	4500.000	-55.79	-50.77	-49.58	51.98	Peak	≤68.2	Pass
NVNT	n40	5190	5000.500	-46.4	-45.41	-42.87	58.69	Peak	≤68.2	Pass
NVNT	n40	5190	5150.000	-50.53	-47.01	-45.41	56.15	Peak	≤68.2	Pass
NVNT	n40	5230	5350.000	-55.45	-55.69	-52.56	49.00	AV	≤54	Pass
NVNT	n40	5230	5350.020	-55.45	-55.24	-52.33	49.22	AV	≤54	Pass
NVNT	n40	5230	5460.000	-56.98	-56.77	-53.86	47.69	AV	≤54	Pass
NVNT	n40	5230	5350.000	-51.01	-49.15	-46.97	54.59	Peak	≤68.2	Pass
NVNT	n40	5230	5434.520	-47.78	-46.6	-44.14	57.42	Peak	≤68.2	Pass
NVNT	n40	5230	5460.000	-53.77	-53.04	-50.38	51.18	Peak	≤68.2	Pass
NVNT	ac20	5180	4500.000	-57.89	-57.83	-54.85	46.71	AV	≤54	Pass
NVNT	ac20	5180	5149.600	-54.91	-54.66	-51.77	49.78	AV	≤54	Pass
NVNT	ac20	5180	5150.000	-54.86	-54.94	-51.89	49.67	AV	≤54	Pass
NVNT	ac20	5180	4500.000	-52.48	-52.77	-49.61	51.95	Peak	≤68.2	Pass
NVNT	ac20	5180	5095.700	-46.57	-46.42	-43.48	58.07	Peak	≤68.2	Pass
NVNT	ac20	5180	5150.000	-48.72	-47.48	-45.05	56.51	Peak	≤68.2	Pass
NVNT	ac20	5240	5350.000	-55.81	-56.5	-53.13	48.43	AV	≤54	Pass
NVNT	ac20	5240	5350.080	-55.81	-56.5	-53.13	48.43	AV	≤54	Pass
NVNT	ac20	5240	5460.000	-57.01	-57.34	-54.16	47.40	AV	≤54	Pass
NVNT	ac20	5240	5350.000	-51.95	-49.78	-47.72	53.84	Peak	≤68.2	Pass
NVNT	ac20	5240	5357.280	-48.01	-47.99	-44.99	56.57	Peak	≤68.2	Pass
NVNT	ac20	5240	5460.000	-54.69	-53.95	-51.29	50.26	Peak	≤68.2	Pass
NVNT	ac40	5190	4500.000	-57.89	-57.75	-54.81	46.75	AV	≤54	Pass





NVNT	ac40	5190	5148.200	-53.78	-54.03	-50.89	50.66	AV	≤54	Pass
NVNT	ac40	5190	5150.000	-53.83	-54.07	-50.94	50.62	AV	≤54	Pass
NVNT	ac40	5190	4500.000	-52.4	-50.72	-48.47	53.09	Peak	≤68.2	Pass
NVNT	ac40	5190	5130.000	-45.14	-46.72	-42.85	58.71	Peak	≤68.2	Pass
NVNT	ac40	5190	5150.000	-49.24	-48.13	-45.64	55.92	Peak	≤68.2	Pass
NVNT	ac40	5230	5350.000	-55.31	-55.6	-52.44	49.12	AV	≤54	Pass
NVNT	ac40	5230	5350.280	-55.16	-55.53	-52.33	49.23	AV	≤54	Pass
NVNT	ac40	5230	5460.000	-56.68	-56.8	-53.73	47.83	AV	≤54	Pass
NVNT	ac40	5230	5350.000	-52.82	-50.6	-48.56	53.00	Peak	≤68.2	Pass
NVNT	ac40	5230	5363.020	-47.95	-48.11	-45.02	56.54	Peak	≤68.2	Pass
NVNT	ac40	5230	5460.000	-51.25	-50.73	-47.97	53.59	Peak	≤68.2	Pass
NVNT	ac80	5210	4500.000	-57.58	-57.67	-54.61	46.94	AV	≤54	Pass
NVNT	ac80	5210	5149.500	-51.92	-51.74	-48.82	52.74	AV	≤54	Pass
NVNT	ac80	5210	5150.000	-52.07	-51.69	-48.87	52.69	AV	≤54	Pass
NVNT	ac80	5210	4500.000	-53.74	-53.04	-50.37	51.19	Peak	≤68.2	Pass
NVNT	ac80	5210	5143.500	-44.42	-45.19	-41.78	59.78	Peak	≤68.2	Pass
NVNT	ac80	5210	5150.000	-48.69	-44.89	-43.38	58.18	Peak	≤68.2	Pass
NVNT	ac80	5210	5350.000	-55.25	-55.28	-52.25	49.30	AV	≤54	Pass
NVNT	ac80	5210	5353.600	-54.83	-54.92	-51.86	49.69	AV	≤54	Pass
NVNT	ac80	5210	5460.000	-56.35	-56.62	-53.47	48.08	AV	≤54	Pass
NVNT	ac80	5210	5350.000	-49.24	-47.86	-45.49	56.07	Peak	≤68.2	Pass
NVNT	ac80	5210	5396.160	-47.35	-46.79	-44.05	57.51	Peak	≤68.2	Pass
NVNT	ac80	5210	5460.000	-54.76	-51.29	-49.68	51.88	Peak	≤68.2	Pass



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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

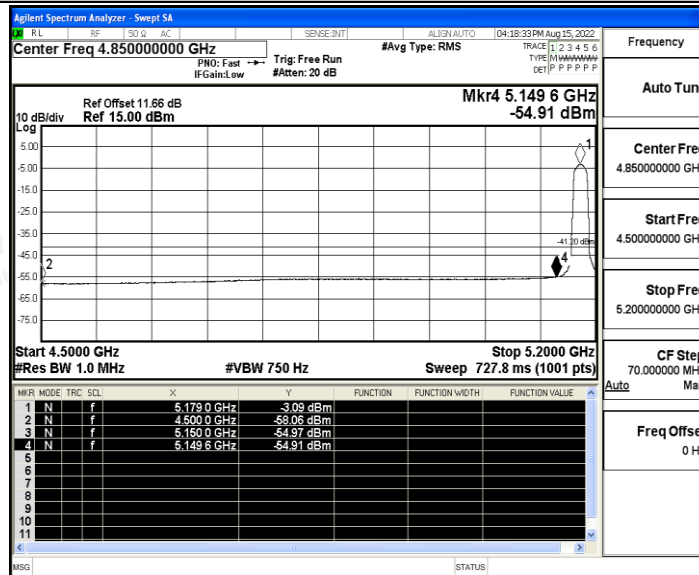
Scan code to check authenticity



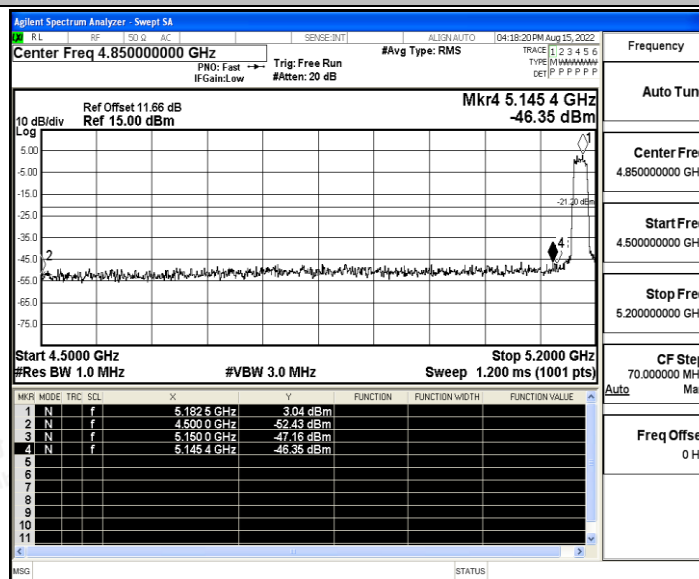
Test Graphs

Ant0

11A_Ant0_Low_5180_AV



11A_Ant0_Low_5180_Peak



11A_Ant0_High_5240_AV



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