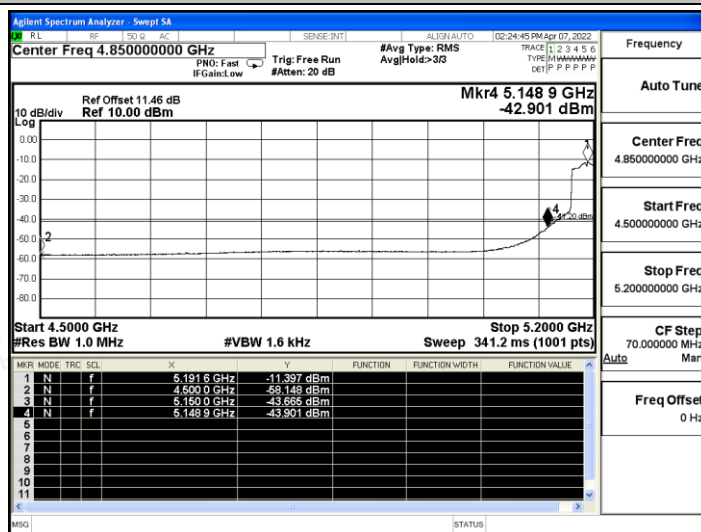
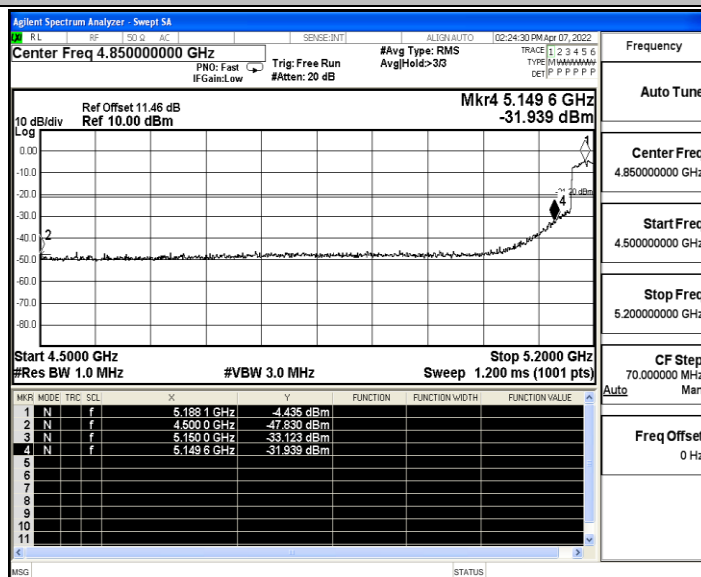




11AX40SISO_MIMO_Low_5190_AV



11AX40SISO_MIMO_Low_5190_Peak



11AX40SISO_MIMO_High_5230_AV

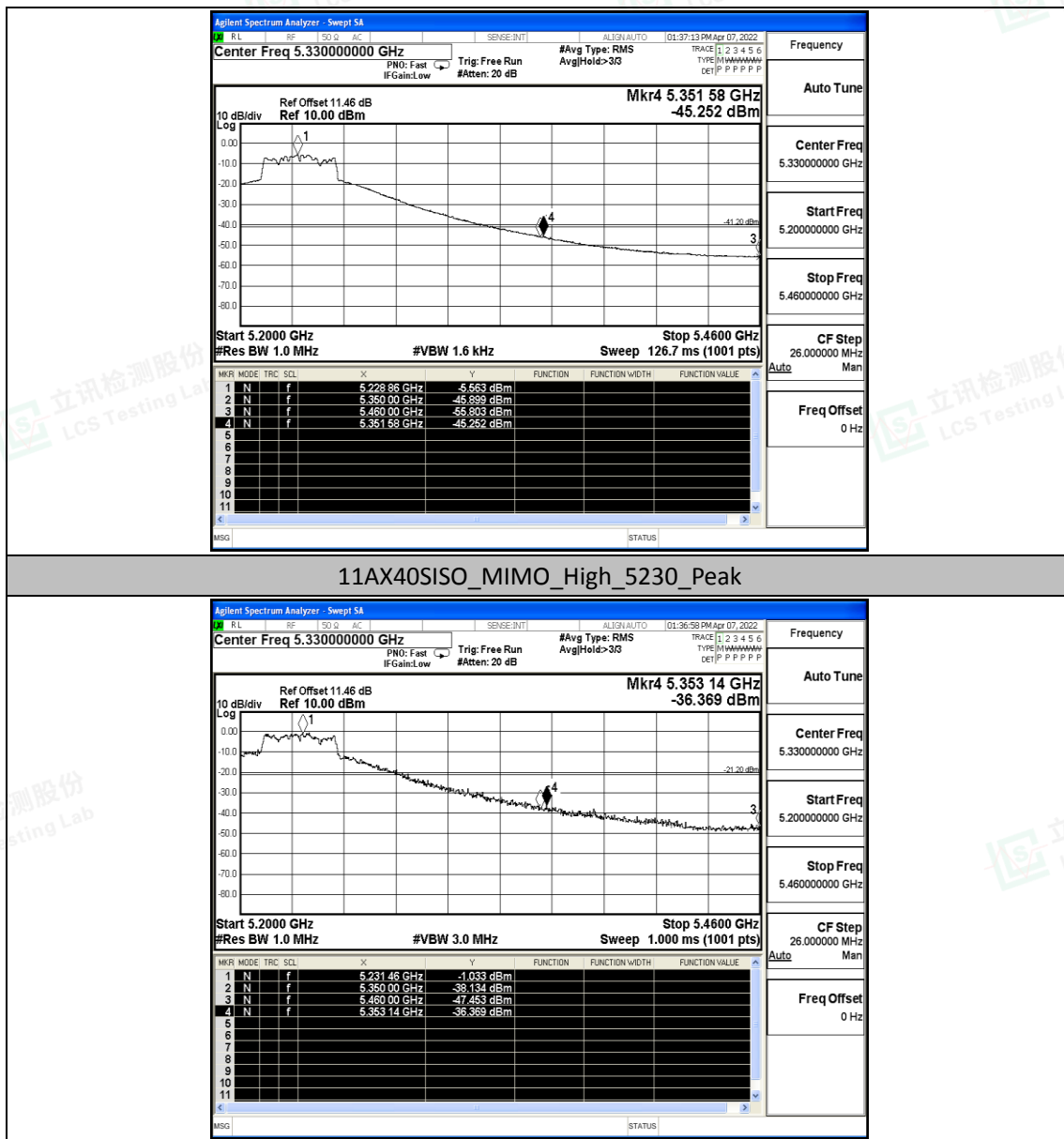


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D.5 Frequency Stability

Test Result

Voltage								
TestMode	Antenna	Frequen cy[MHz]	Voltage [Vdc]	Temper ature (°C)	Deviation (Hz)	Deviation (ppm)	Limit (ppm)	Verdict
11A	Ant A	5180	NV	NT	0	0	20	PASS
			LV	NT	0	0	20	PASS
			HV	NT	0	0	20	PASS
		5220	NV	NT	0	0	20	PASS
			LV	NT	0	0	20	PASS
			HV	NT	0	0	20	PASS
		5240	NV	NT	0	0	20	PASS
			LV	NT	0	0	20	PASS
			HV	NT	0	0	20	PASS
11N20SI SO	Ant A	5180	NV	NT	0	0	20	PASS
			LV	NT	0	0	20	PASS
			HV	NT	0	0	20	PASS
		5220	NV	NT	0	0	20	PASS
			LV	NT	0	0	20	PASS
			HV	NT	0	0	20	PASS
		5240	NV	NT	0	0	20	PASS
			LV	NT	0	0	20	PASS
			HV	NT	0	0	20	PASS
11N40SI SO	Ant A	5190	NV	NT	0	0	20	PASS
			LV	NT	0	0	20	PASS
			HV	NT	0	0	20	PASS
		5230	NV	NT	0	0	20	PASS
			LV	NT	40000	7.648184	20	PASS
			HV	NT	0	0	20	PASS
11AC20S ISO	Ant A	5180	NV	NT	0	0	20	PASS
			LV	NT	0	0	20	PASS
			HV	NT	0	0	20	PASS
		5220	NV	NT	0	0	20	PASS
			LV	NT	0	0	20	PASS
			HV	NT	-20000	-3.831418	20	PASS
		5240	NV	NT	0	0	20	PASS
			LV	NT	0	0	20	PASS
			HV	NT	0	0	20	PASS
11AC40S	Ant A	5190	NV	NT	0	0	20	PASS



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ISO			LV	NT	0	0	20	PASS
			HV	NT	0	0	20	PASS
		5230	NV	NT	0	0	20	PASS
			LV	NT	40000	7.648184	20	PASS
			HV	NT	0	0	20	PASS
11AX20SI SO	Ant A	5180	NV	NT	-54000	-10.42471	20	PASS
			LV	NT	-52000	-10.03861	20	PASS
			HV	NT	-51000	-9.84556	20	PASS
		5220	NV	NT	-52000	-9.961686	20	PASS
			LV	NT	-51000	-9.770115	20	PASS
			HV	NT	-51000	-9.770115	20	PASS
		5240	NV	NT	-52000	-9.923664	20	PASS
			LV	NT	-51000	-9.732824	20	PASS
			HV	NT	-51000	-9.732824	20	PASS
11AX40SI SO	Ant A	5190	NV	NT	-56000	-10.789981	20	PASS
			LV	NT	-55000	-10.597303	20	PASS
			HV	NT	-53000	-10.211946	20	PASS
		5230	NV	NT	-58000	-11.089866	20	PASS
			LV	NT	-56000	-10.707457	20	PASS
			HV	NT	-55000	-10.516252	20	PASS
11A	Ant B	5180	NV	NT	0	0	20	PASS
			LV	NT	0	0	20	PASS
			HV	NT	0	0	20	PASS
		5220	NV	NT	0	0	20	PASS
			LV	NT	0	0	20	PASS
			HV	NT	0	0	20	PASS
		5240	NV	NT	0	0	20	PASS
			LV	NT	0	0	20	PASS
			HV	NT	0	0	20	PASS
11N20SI SO	Ant B	5180	NV	NT	0	0	20	PASS
			LV	NT	0	0	20	PASS
			HV	NT	0	0	20	PASS
		5220	NV	NT	0	0	20	PASS
			LV	NT	0	0	20	PASS
			HV	NT	0	0	20	PASS
		5240	NV	NT	0	0	20	PASS
			LV	NT	0	0	20	PASS
			HV	NT	0	0	20	PASS
11N40SI SO	Ant B	5190	NV	NT	0	0	20	PASS
			LV	NT	0	0	20	PASS



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		5230	HV	NT	0	0	20	PASS
			NV	NT	0	0	20	PASS
			LV	NT	40000	7.648184	20	PASS
			HV	NT	-40000	-7.48184	20	PASS
11AC20S ISO	Ant B	5180	NV	NT	0	0	20	PASS
			LV	NT	0	0	20	PASS
			HV	NT	0	0	20	PASS
		5220	NV	NT	0	0	20	PASS
			LV	NT	0	0	20	PASS
			HV	NT	0	0	20	PASS
		5240	NV	NT	0	0	20	PASS
			LV	NT	0	0	20	PASS
			HV	NT	0	0	20	PASS
11AC40S ISO	Ant B	5190	NV	NT	0	0	20	PASS
			LV	NT	0	0	20	PASS
			HV	NT	0	0	20	PASS
		5230	NV	NT	0	0	20	PASS
			LV	NT	0	0	20	PASS
			HV	NT	0	0	20	PASS
11AX20SI SO	Ant B	5180	NV	NT	-4000	-0.772201	20	PASS
			LV	NT	-4000	-0.772201	20	PASS
			HV	NT	-4000	-0.772201	20	PASS
		5220	NV	NT	-4000	-0.766284	20	PASS
			LV	NT	-4000	-0.766284	20	PASS
			HV	NT	-4000	-0.766284	20	PASS
		5240	NV	NT	-5000	-0.954198	20	PASS
			LV	NT	-4000	-0.763359	20	PASS
			HV	NT	-5000	-0.954198	20	PASS
11AX40SI SO	Ant B	5190	NV	NT	-5000	-0.963391	20	PASS
			LV	NT	-4000	-0.770713	20	PASS
			HV	NT	-4000	-0.770713	20	PASS
		5230	NV	NT	-5000	-0.956023	20	PASS
			LV	NT	-4000	-0.764818	20	PASS
			HV	NT	-4000	-0.764818	20	PASS



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D.6 Duty Cycle

Test Result

TestMode	Antenna	Frequency [MHz]	Transmission Duration [ms]	Transmission Period [ms]	Duty Cycle [%]	1/T [kHz]	Limit	Verdict
11A	Ant A	5180	1.30	1.33	97.74	0.769	---	---
		5220	1.30	1.34	97.01	0.769	---	---
		5240	1.30	1.33	97.74	0.769	---	---
11N20SISO	Ant A	5180	1.30	1.33	97.74	0.769	---	---
		5220	1.30	1.34	97.01	0.769	---	---
		5240	1.30	1.33	97.74	0.769	---	---
11N40SISO	Ant A	5190	0.64	0.68	94.12	1.563	---	---
		5230	0.65	0.68	95.59	1.538	---	---
11AC20SISO	Ant A	5180	1.29	1.33	96.99	0.775	---	---
		5220	1.31	1.35	97.04	0.763	---	---
		5240	1.31	1.34	97.76	0.763	---	---
11AC40SISO	Ant A	5190	0.66	0.69	95.65	1.515	---	---
		5230	0.66	0.69	95.65	1.515	---	---
11AX20SISO	Ant A	5180	1.31	1.35	97.04	0.763	---	---
		5220	1.31	1.35	97.04	0.763	---	---
		5240	1.31	1.35	97.04	0.763	---	---
11AX40SISO	Ant A	5190	0.65	0.68	95.59	1.538	---	---
		5230	0.65	0.69	94.20	1.538	---	---
11A	Ant B	5180	1.30	1.34	97.01	0.769	---	---
		5220	1.30	1.34	97.01	0.769	---	---
		5240	1.29	1.34	96.27	0.775	---	---
11N20SISO	Ant B	5180	1.29	1.34	96.27	0.775	---	---
		5220	1.29	1.34	96.27	0.775	---	---
		5240	1.30	1.34	97.01	0.769	---	---
11N40SISO	Ant B	5190	0.64	0.68	94.12	1.563	---	---
		5230	0.65	0.69	94.20	1.538	---	---
11AC20SISO	Ant B	5180	1.29	1.33	96.99	0.775	---	---
		5220	1.30	1.34	97.01	0.769	---	---
		5240	1.30	1.33	97.74	0.769	---	---
11AC40SISO	Ant B	5190	0.65	0.69	94.20	1.538	---	---
		5230	0.64	0.68	94.12	1.563	---	---
11AX20SISO	Ant B	5180	1.30	1.34	97.01	0.769	---	---
		5220	1.30	1.34	97.01	0.769	---	---



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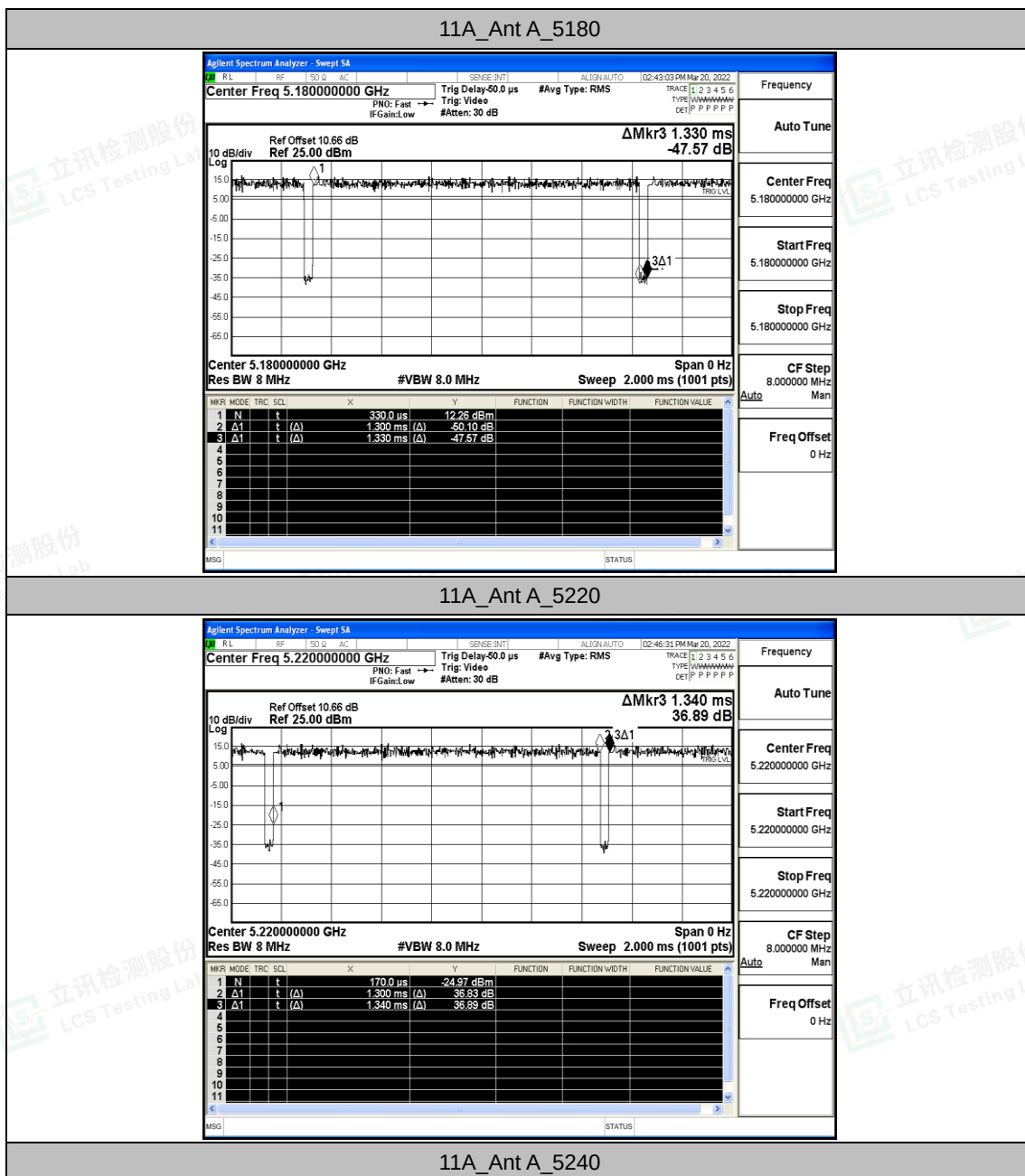
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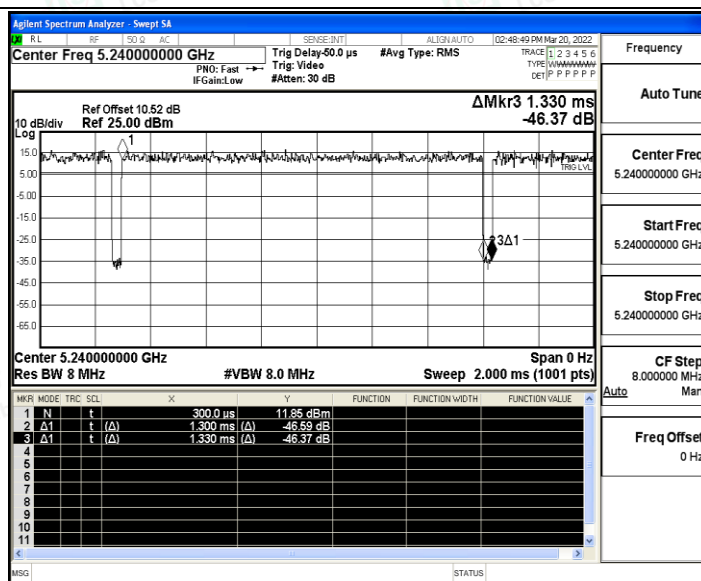
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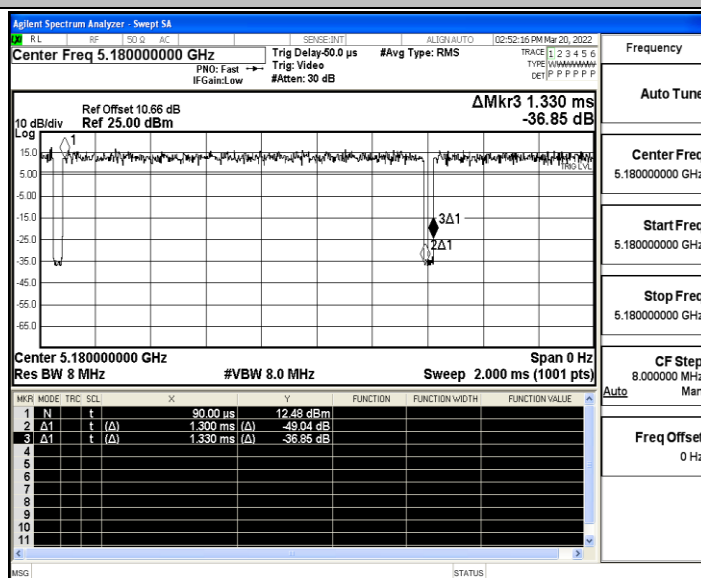
		5240	1.29	1.33	96.99	0.775	---	---
11AX40SISO	Ant B	5190	0.65	0.68	95.59	1.538	---	---
		5230	0.65	0.69	94.20	1.538	---	---

Test Graphs





11N20SISO Ant A 5180



11N20SISO Ant A 5220

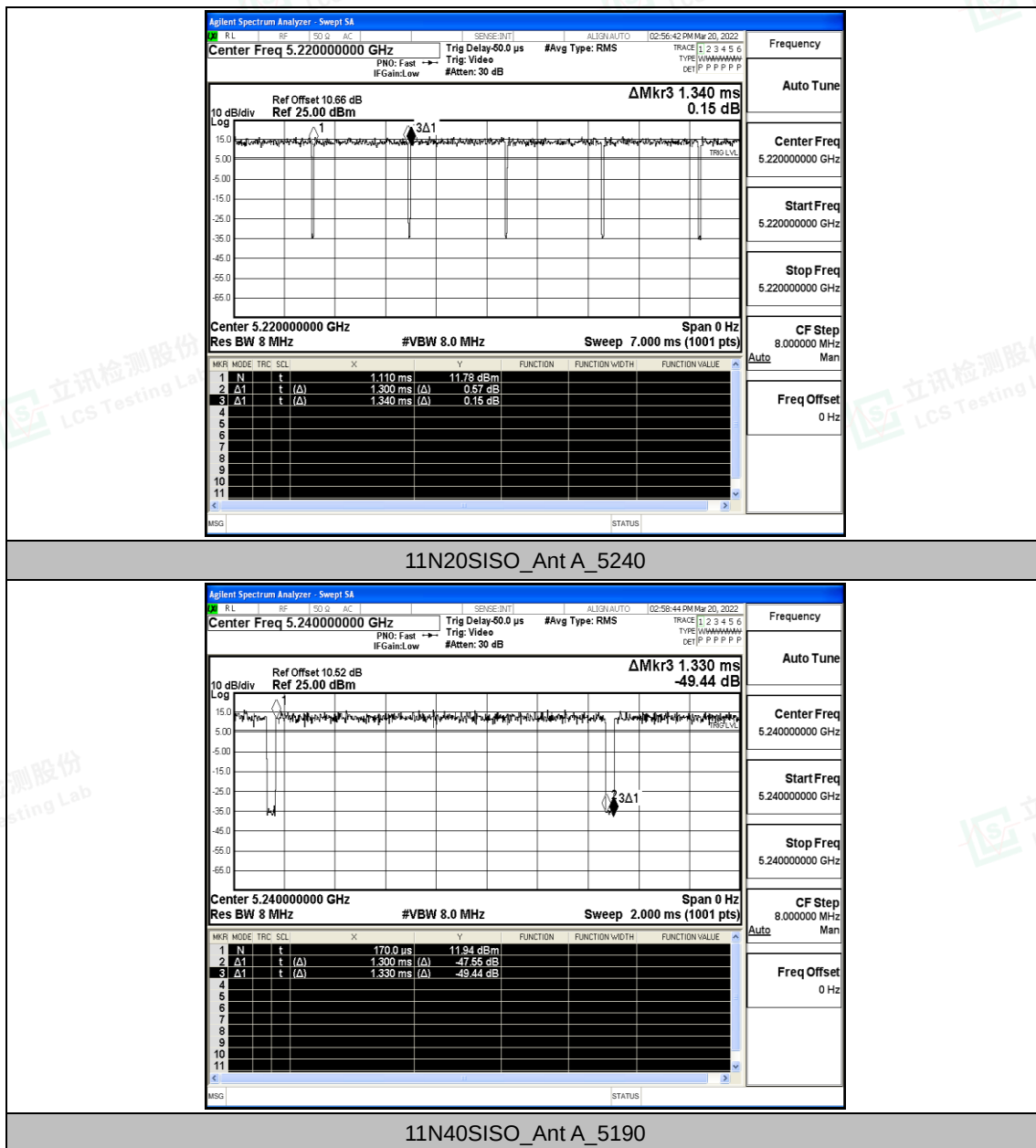


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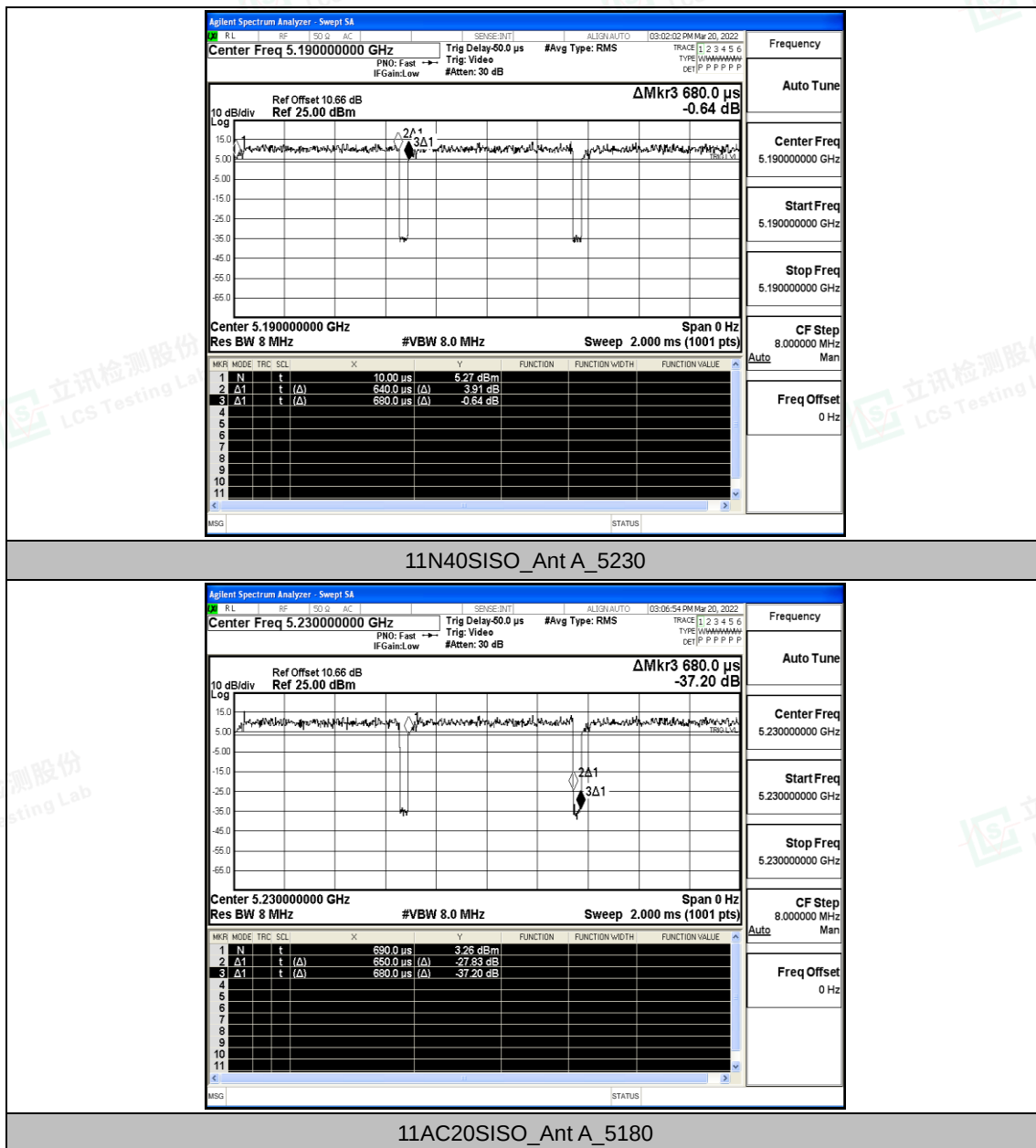


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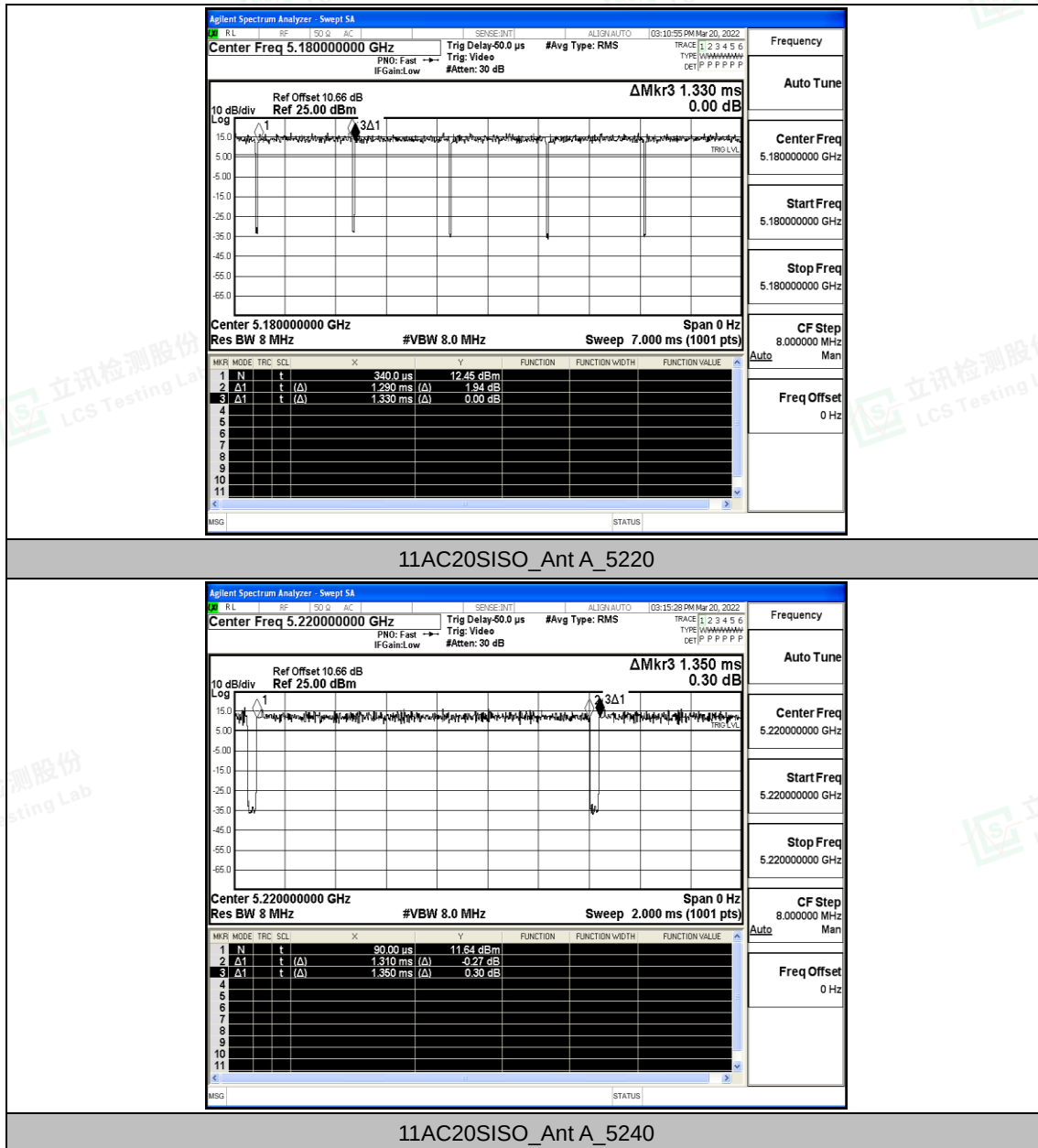


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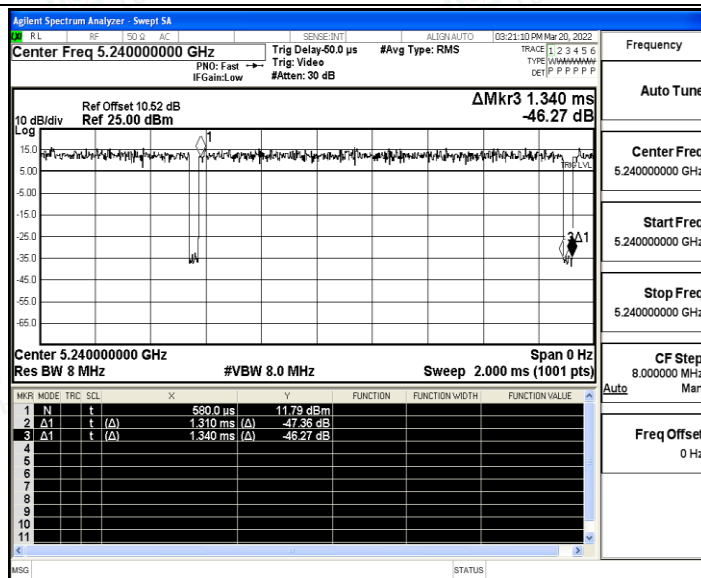


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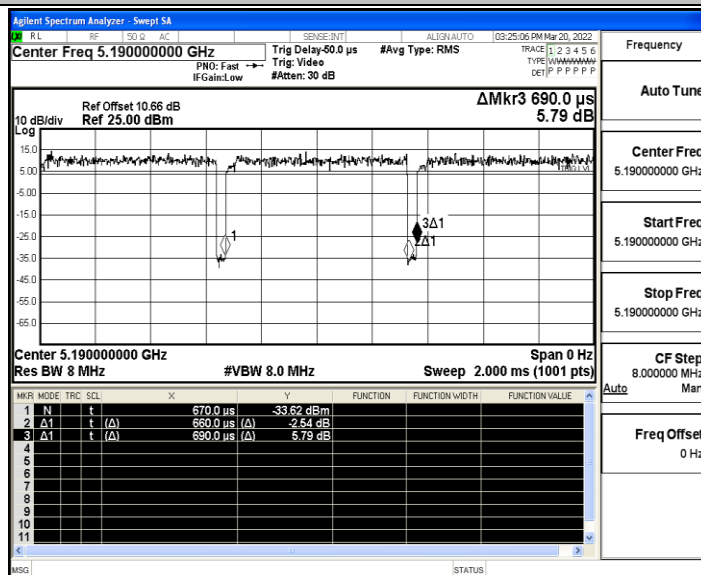
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11AC40SISO_Ant A_5190



11AC40SISO_Ant A_5230

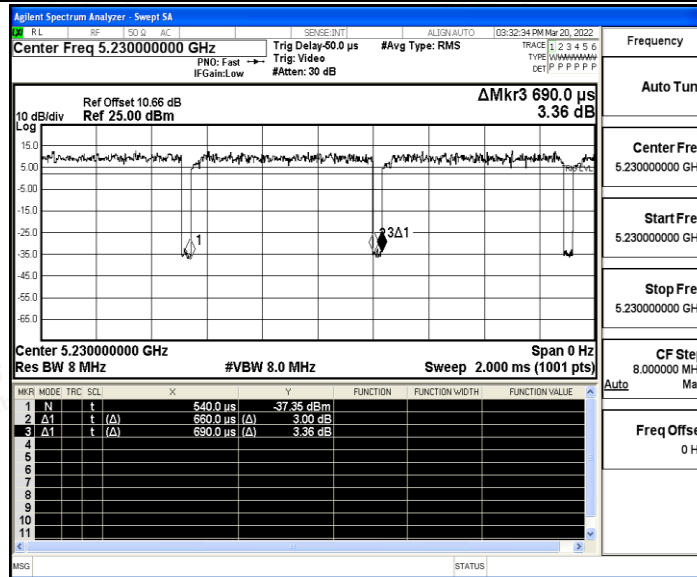


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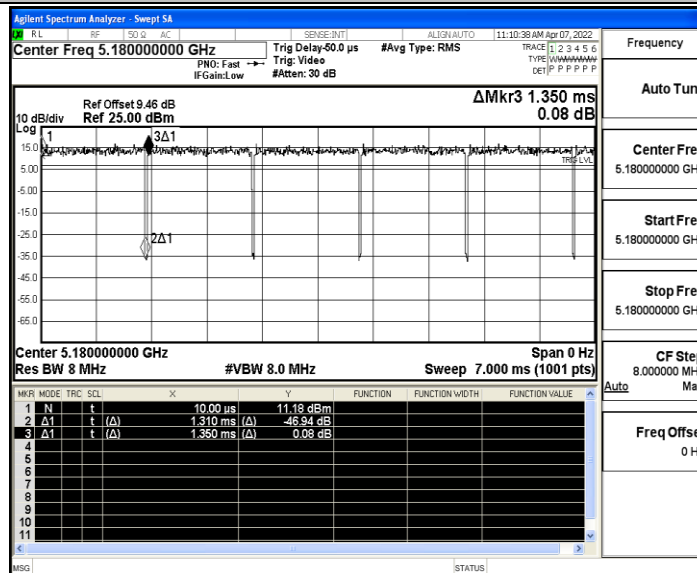
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11AX20SISO_Ant A_5180



11AX20SISO_Ant A_5220

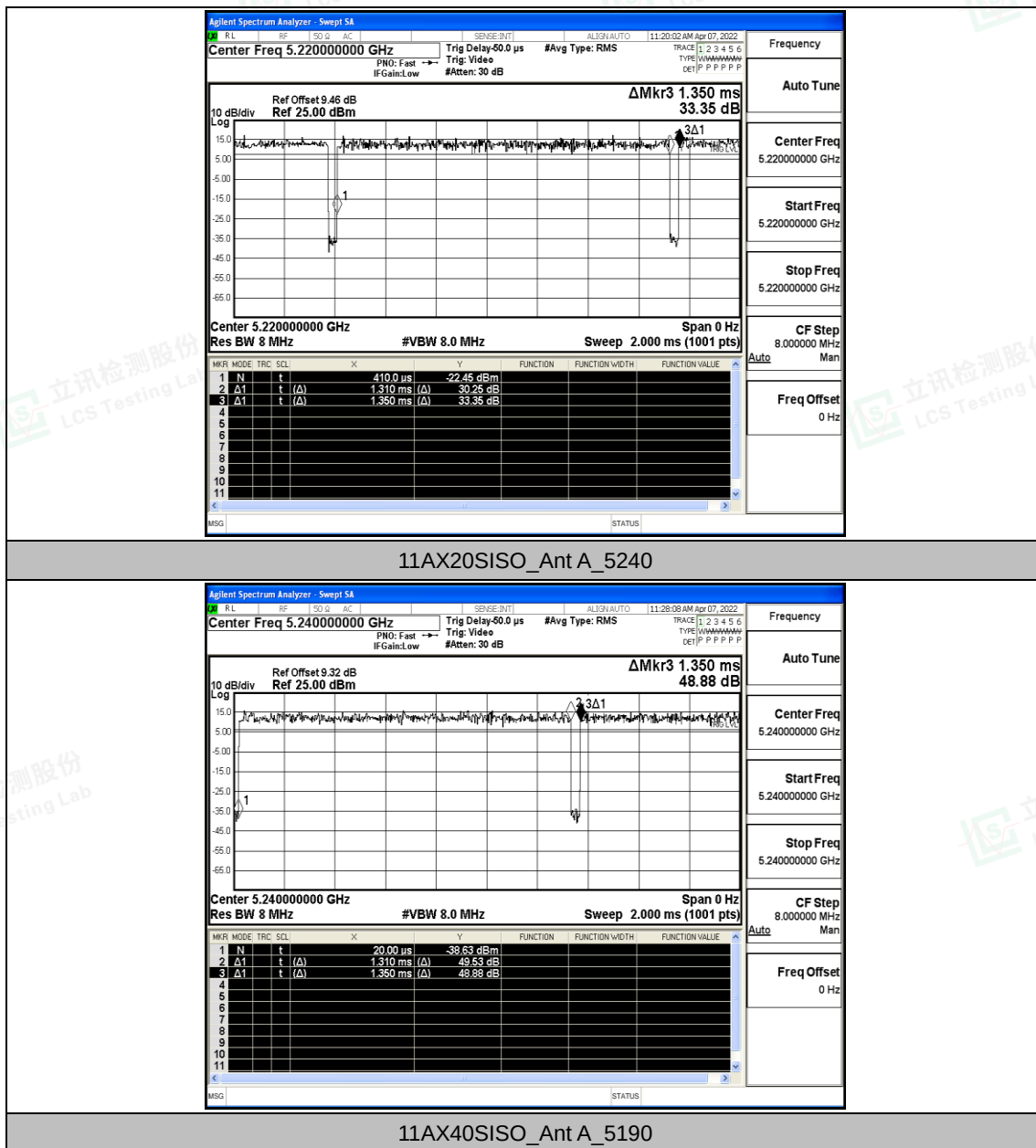


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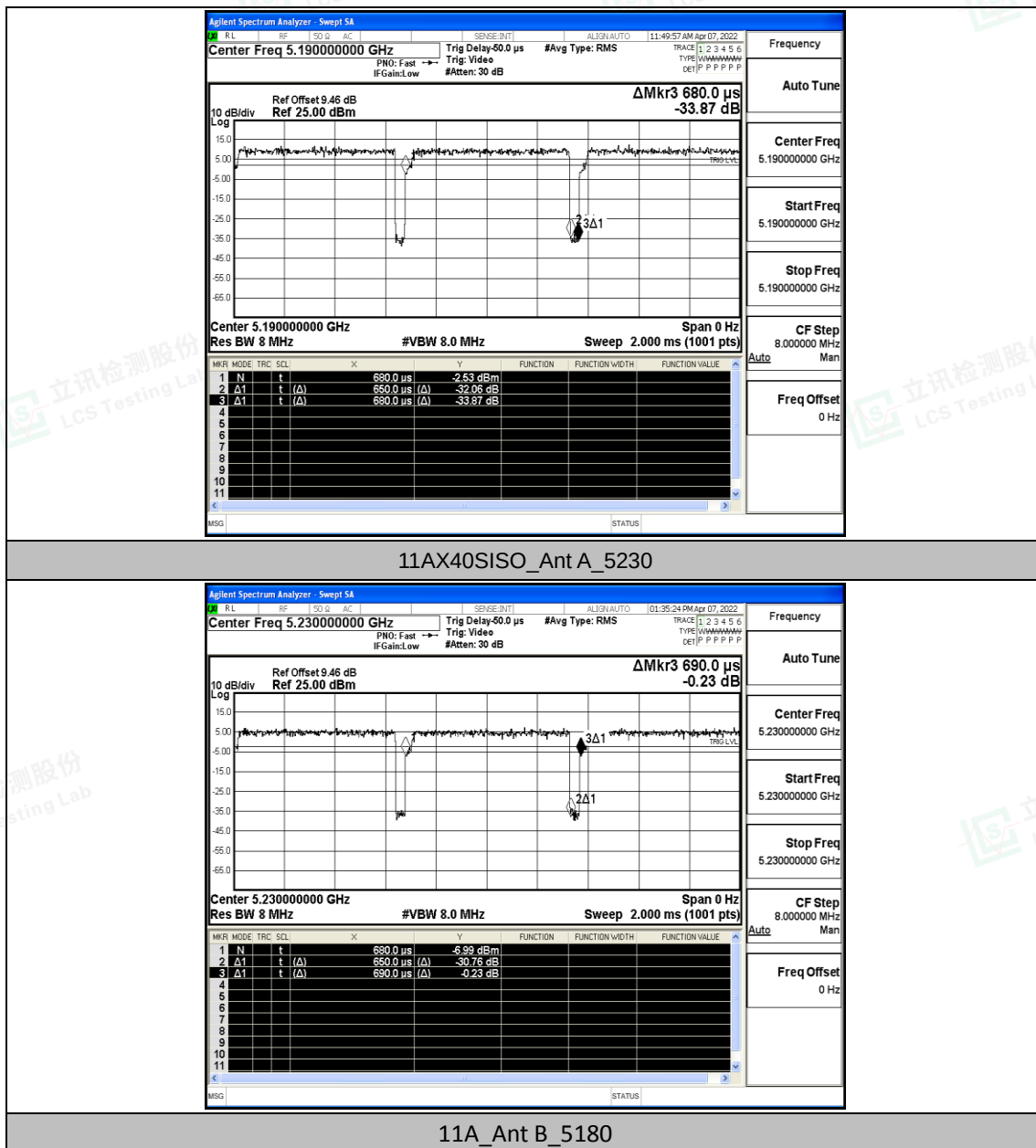


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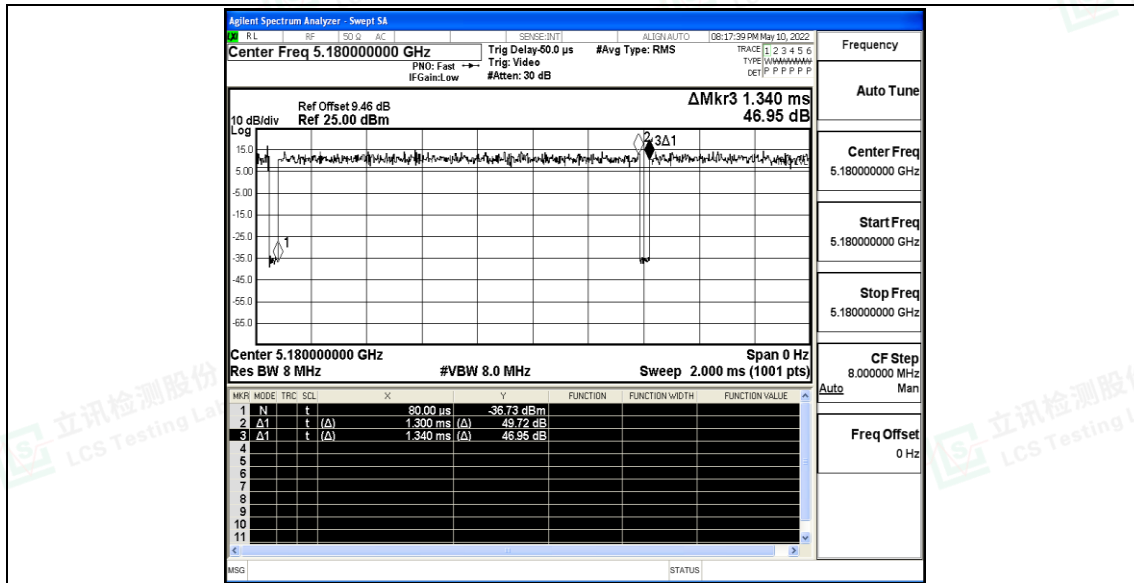


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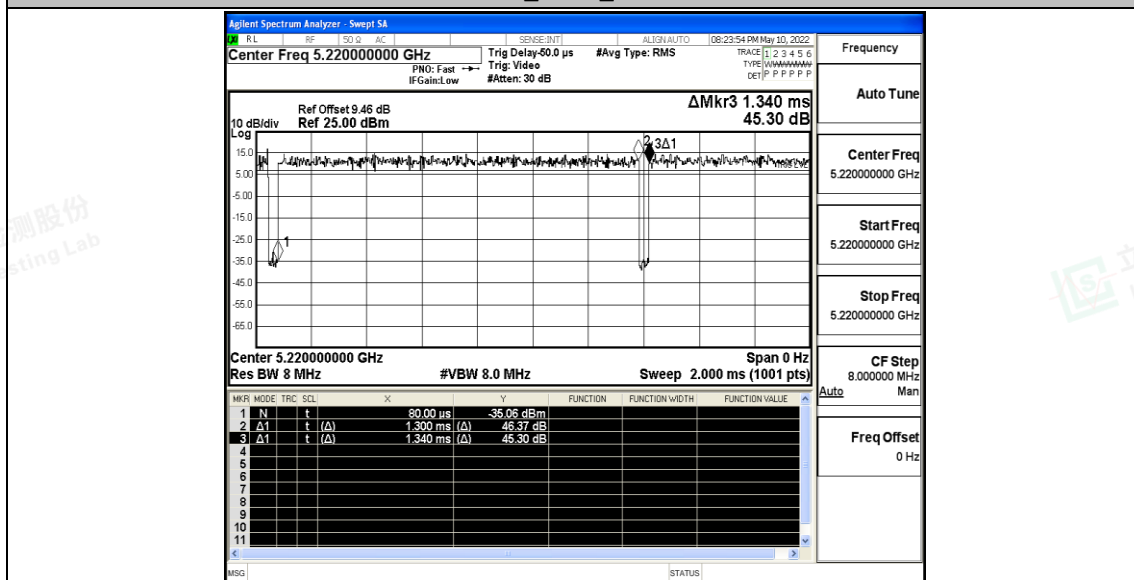
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11A_Ant B_5220



11A_Ant B_5240

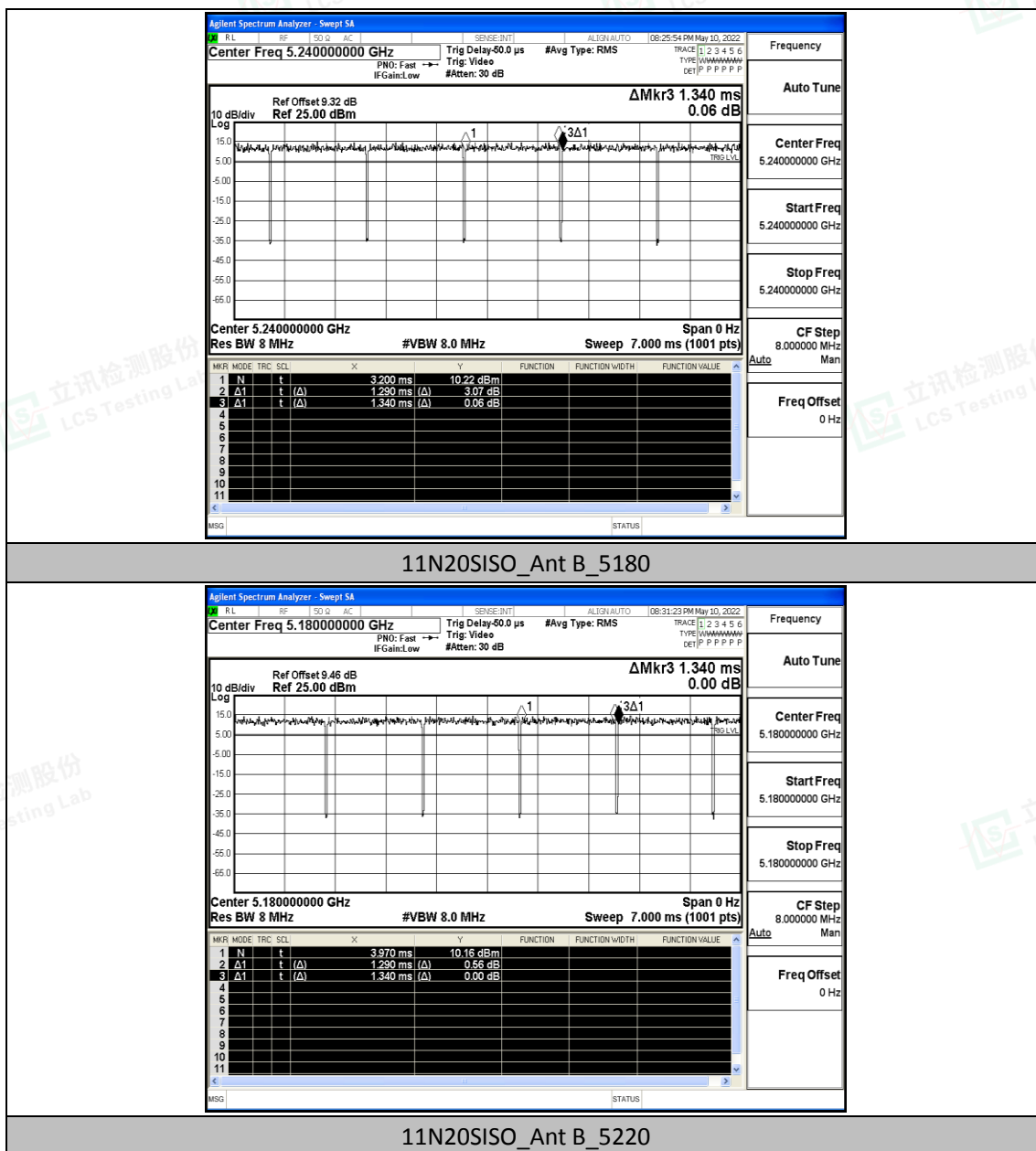


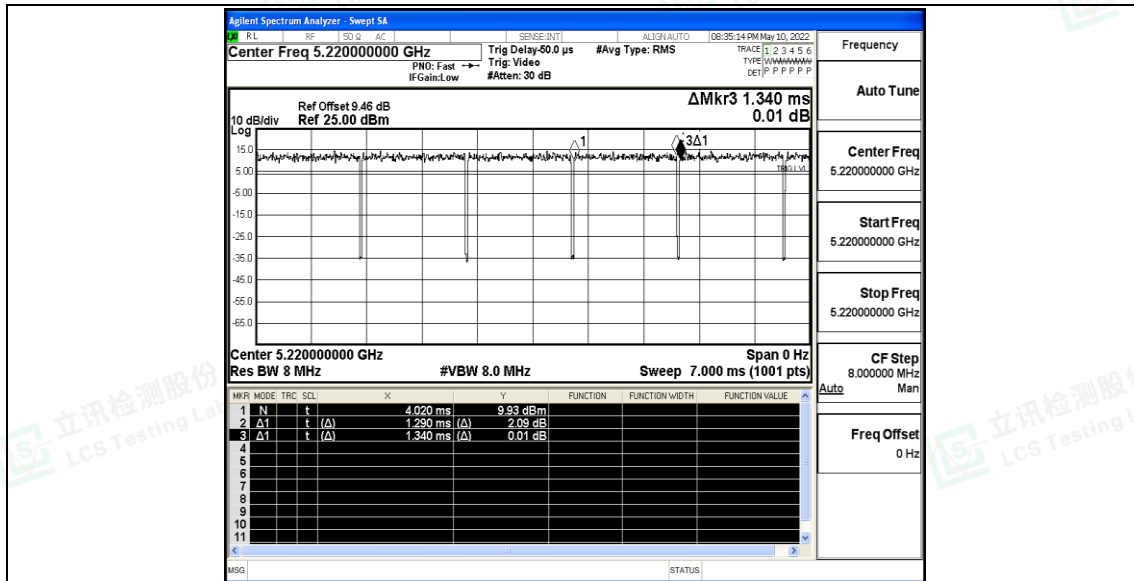
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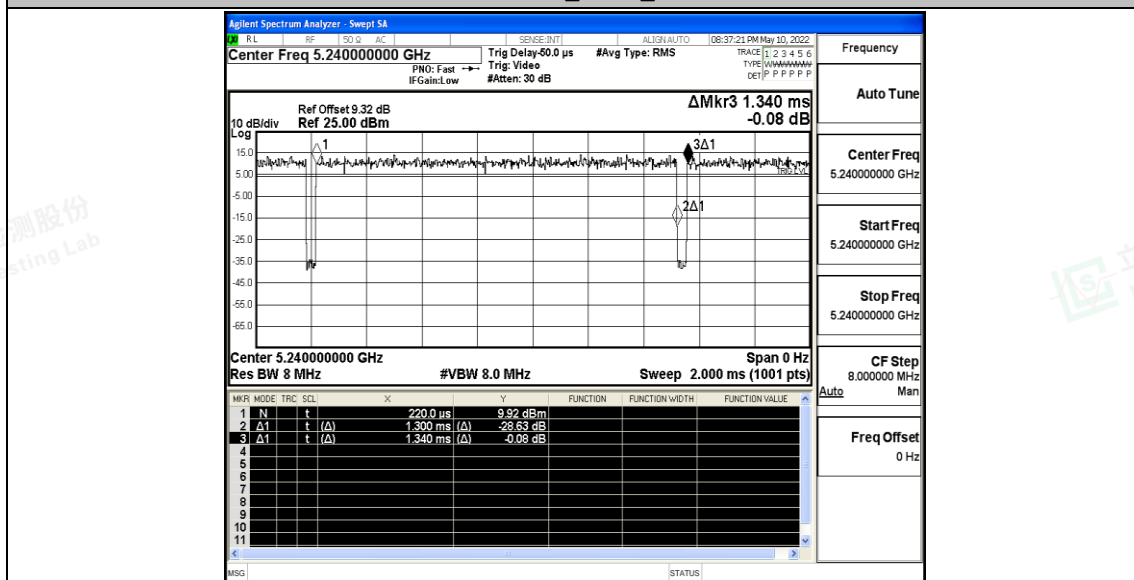
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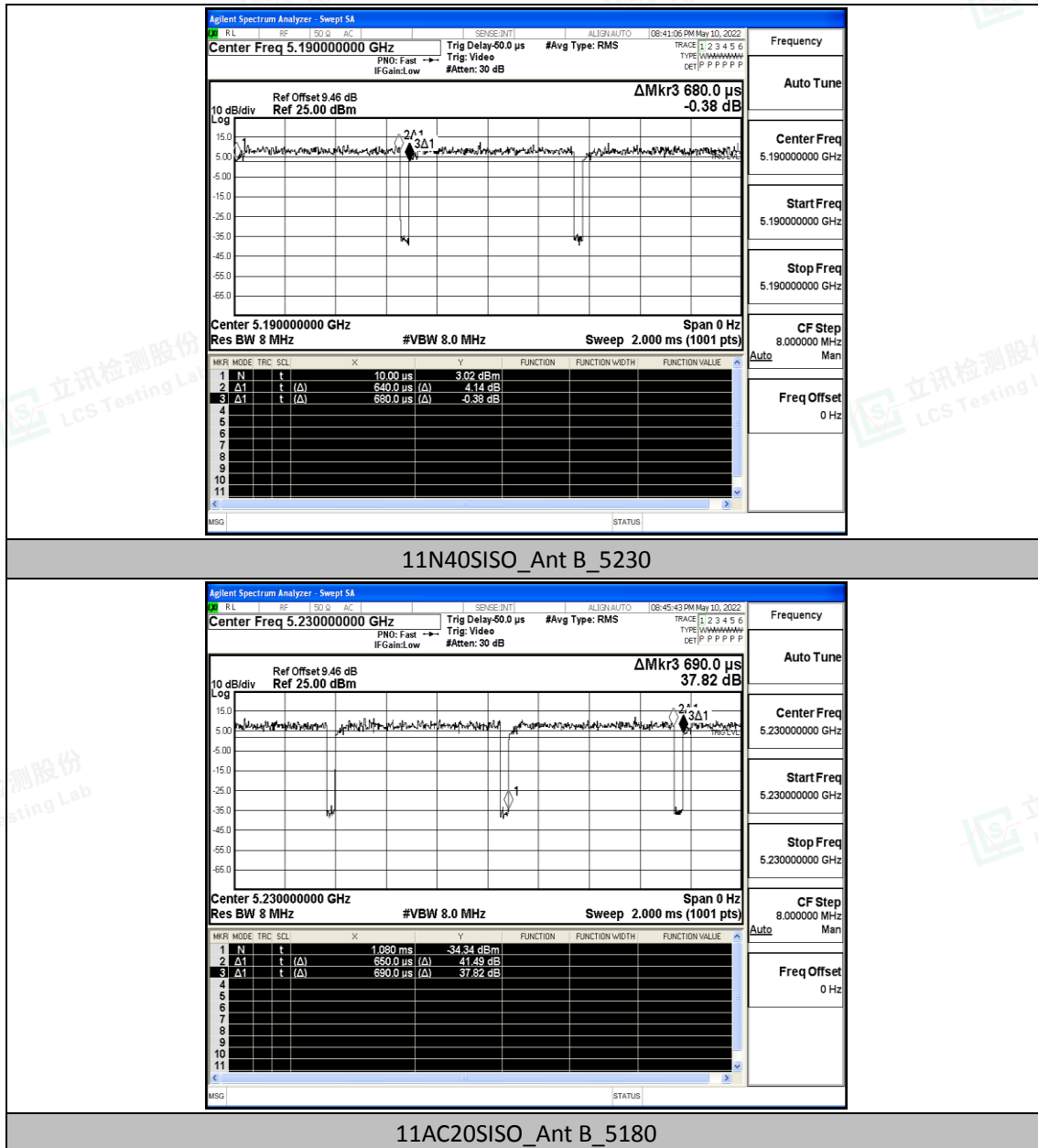


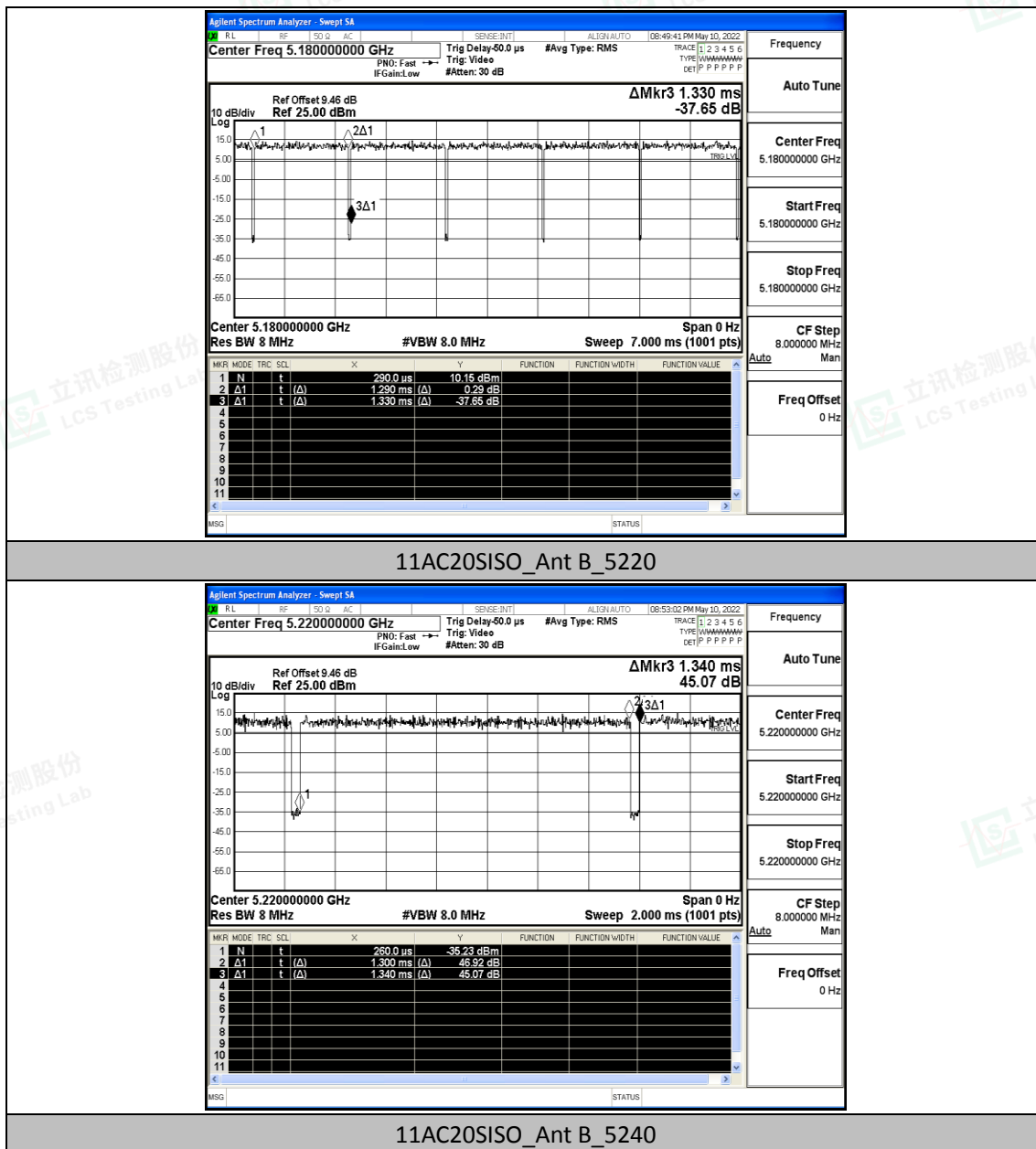
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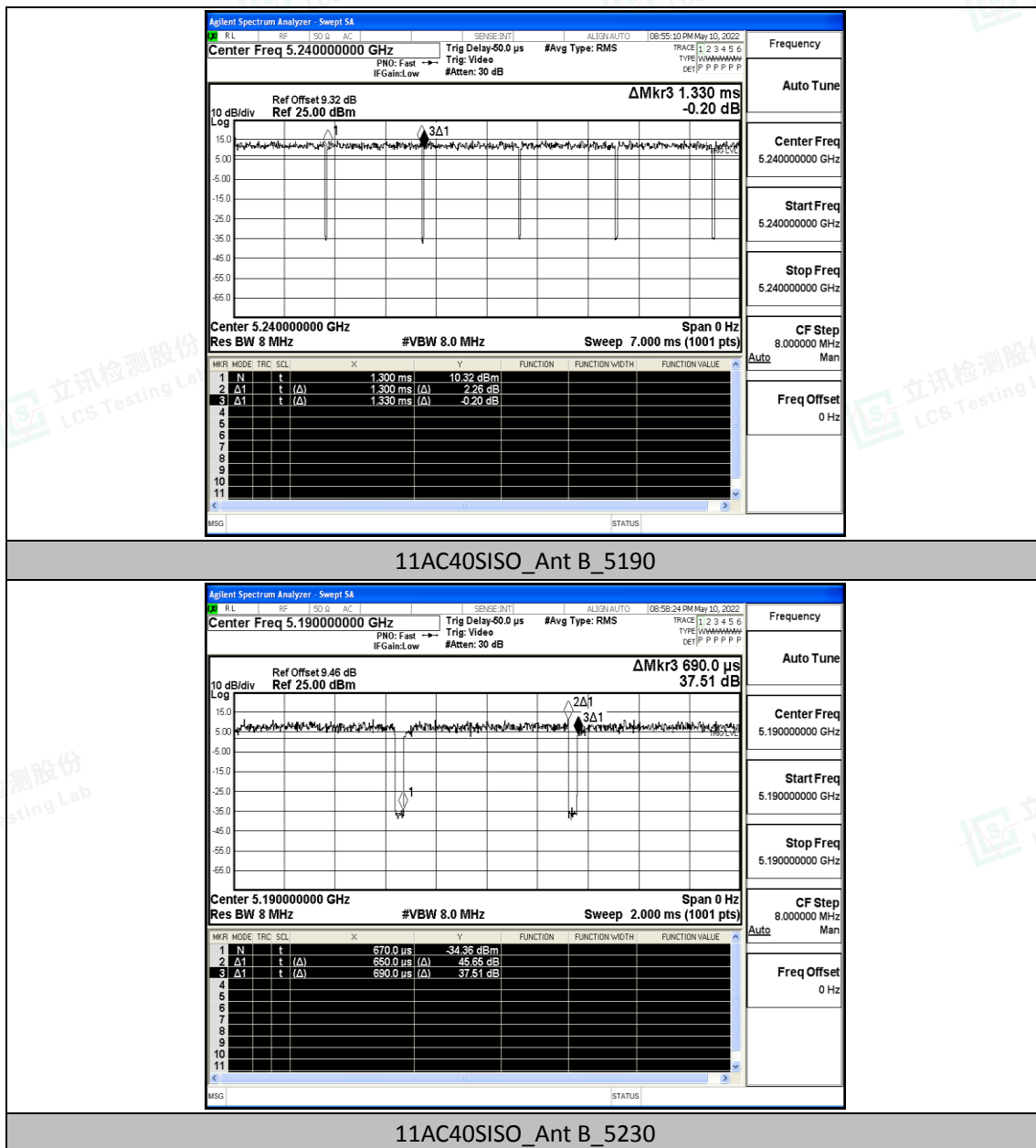


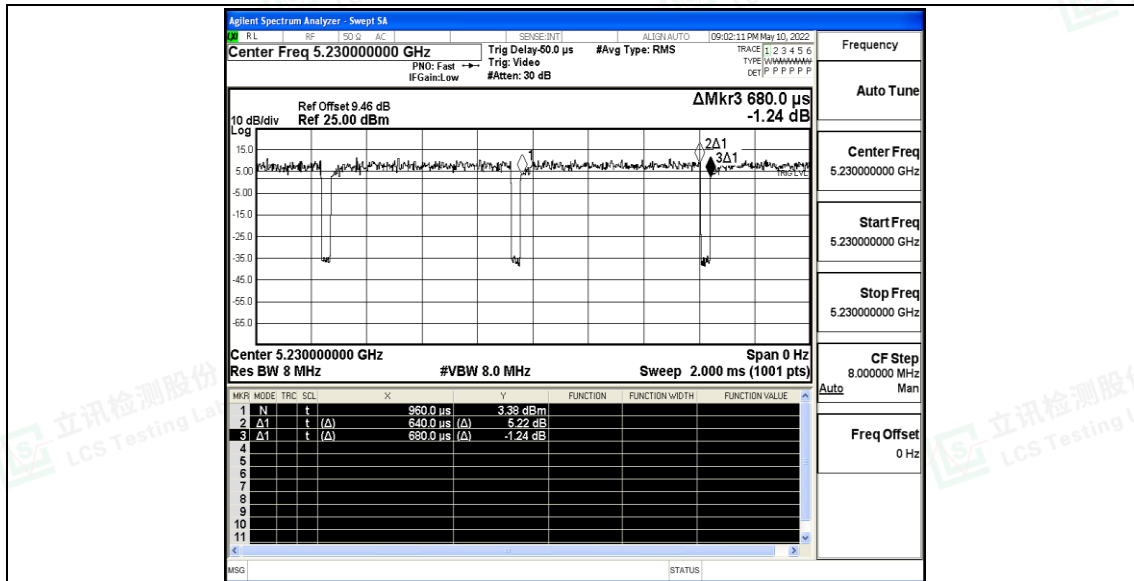
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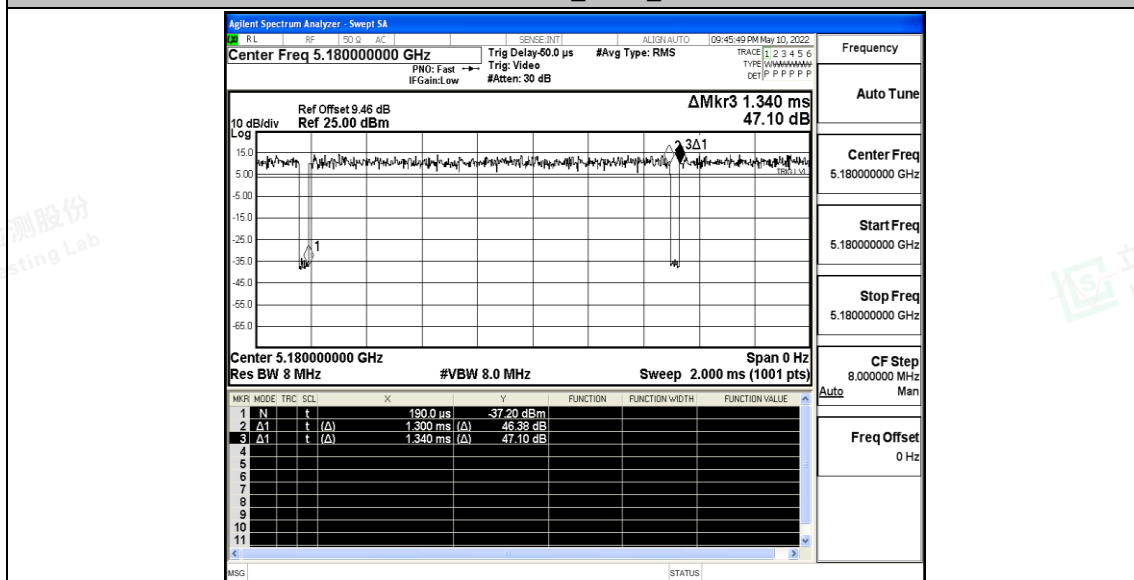






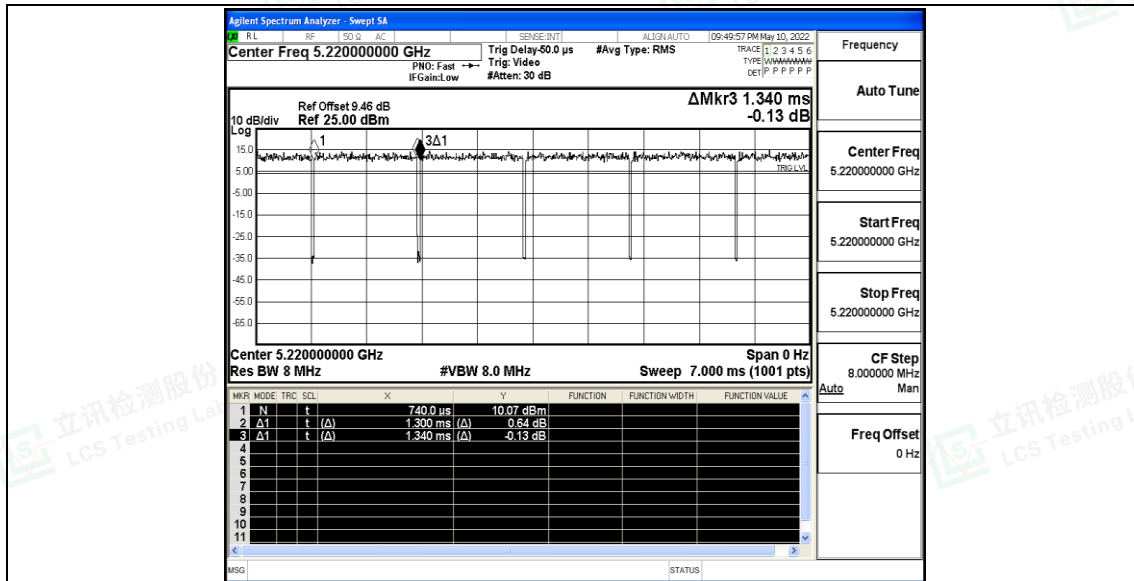


11AX20SISO_Ant B_5180

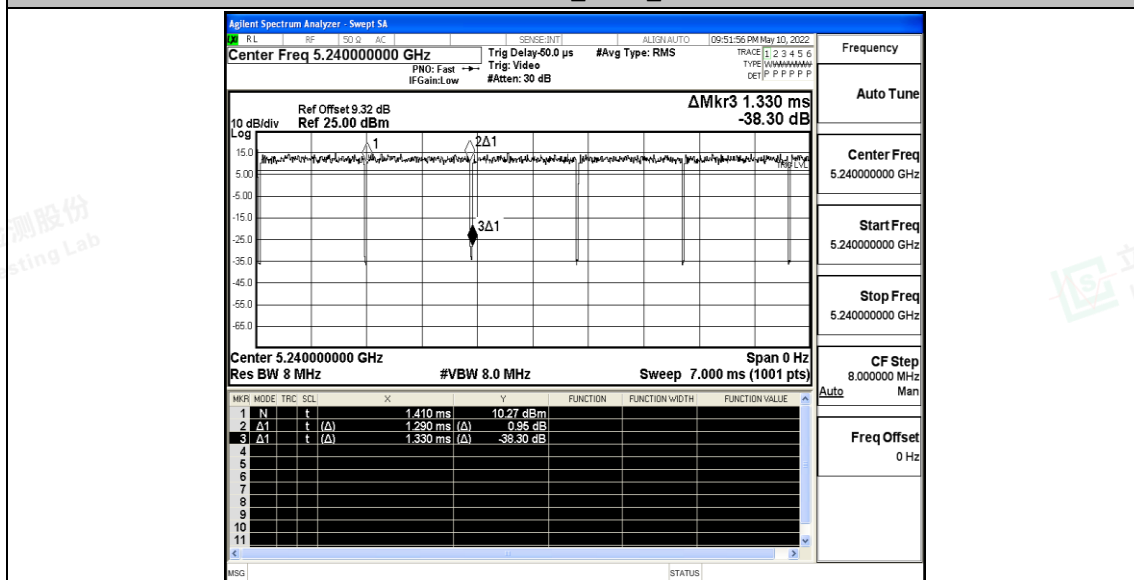


11AX20SISO_Ant B_5220





11AX20SISO_Ant B_5240



11AX40SISO_Ant B_5190



