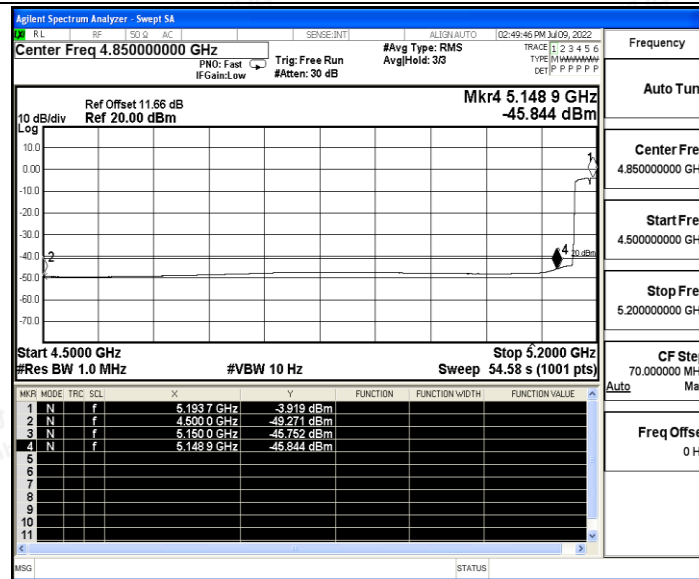
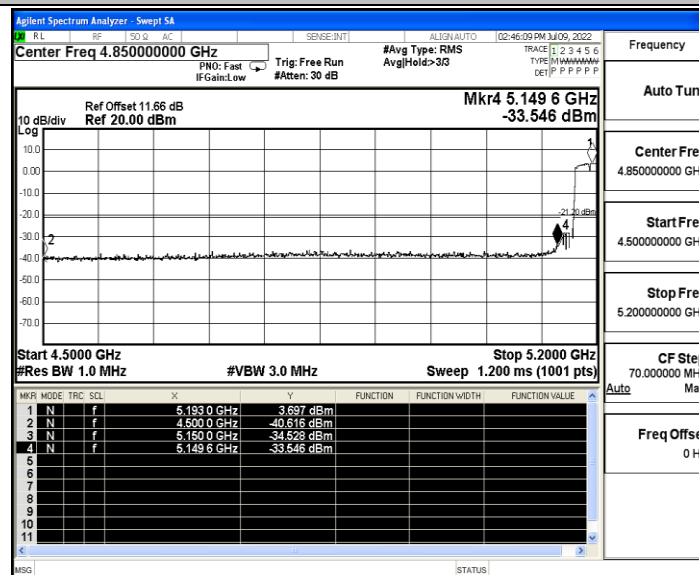


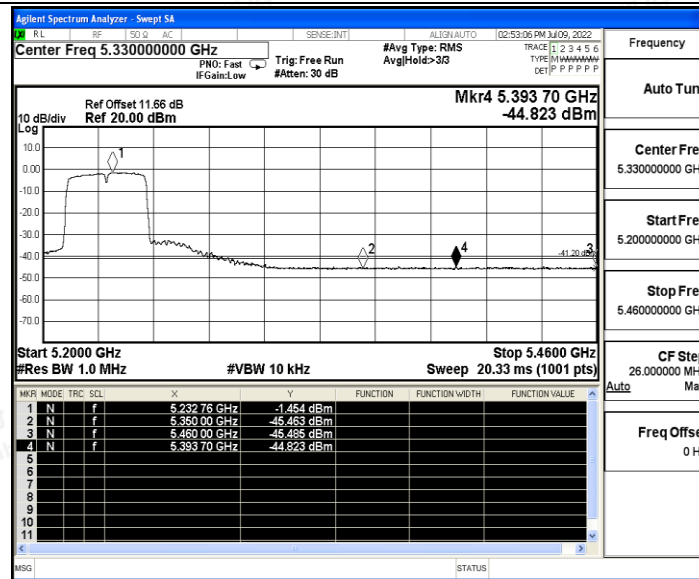


11N40SISO_Ant1_Low_5190_Peak

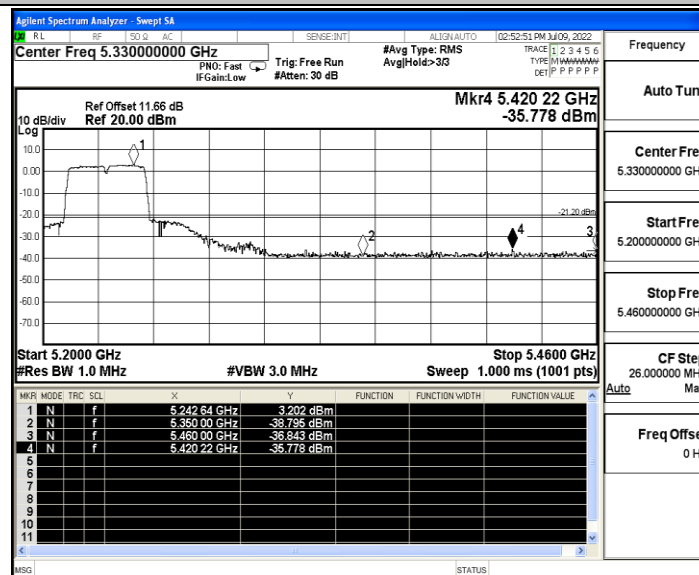


11N40SISO_Ant1_High_5230_AV



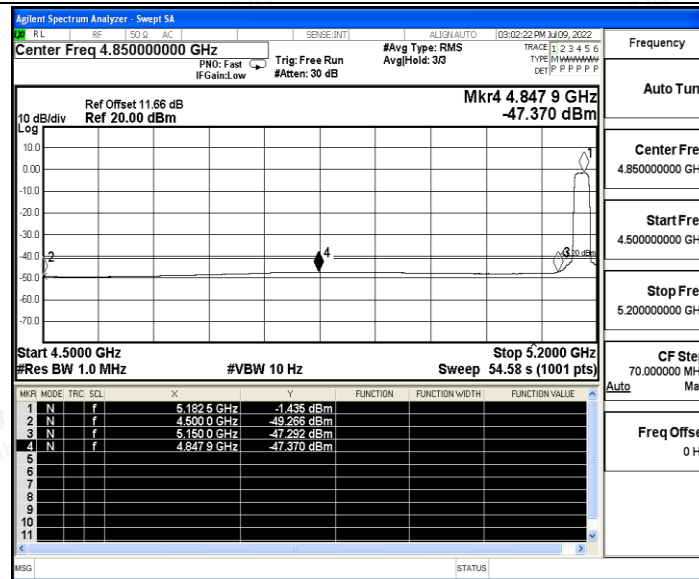


11N40SISO_Ant1_High_5230_Peak

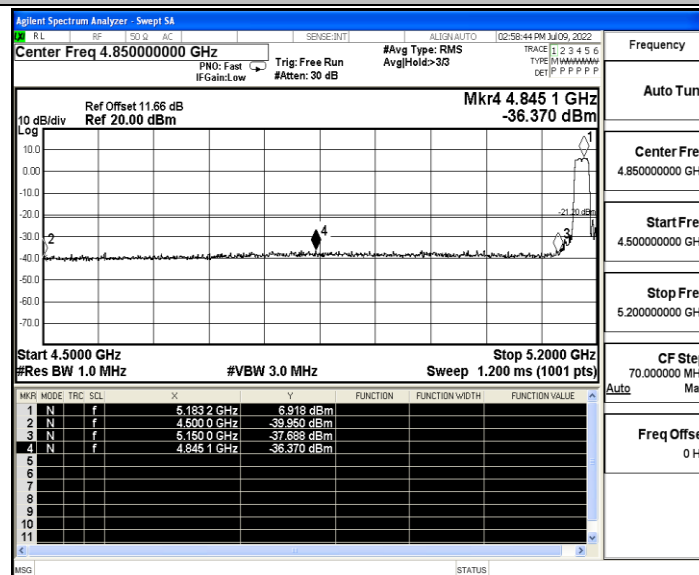


11AC20SISO_Ant1_Low_5180_AV



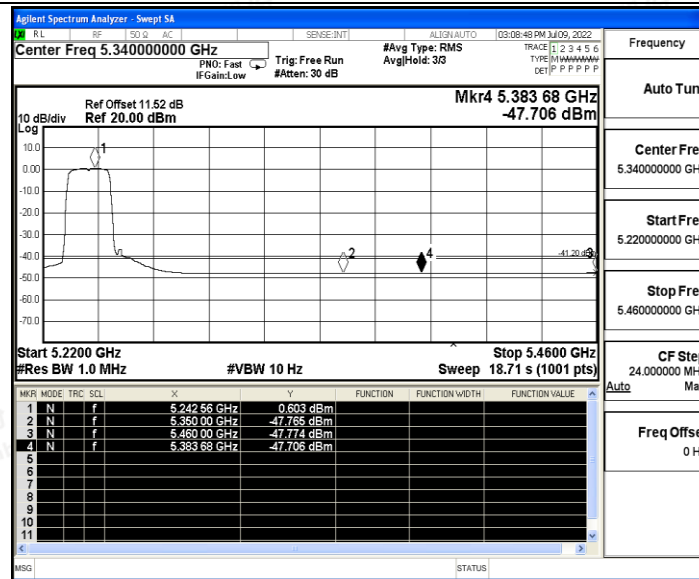


11AC20SISO_Ant1_Low_5180_Peak

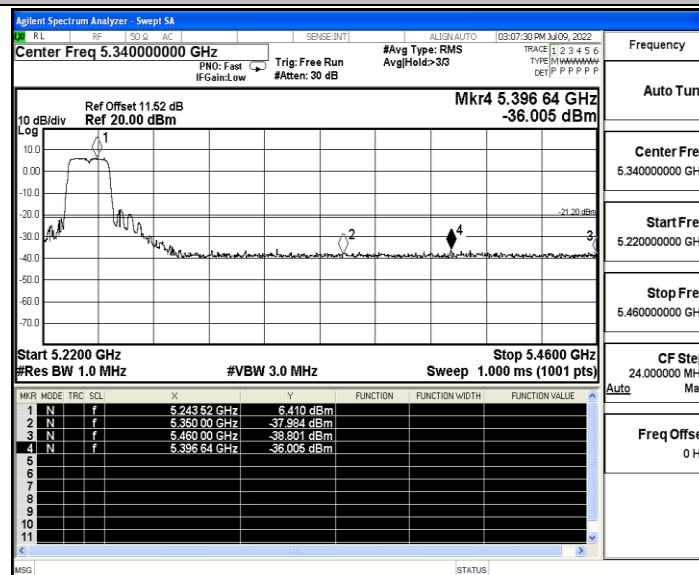


11AC20SISO_Ant1_High_5240_AV



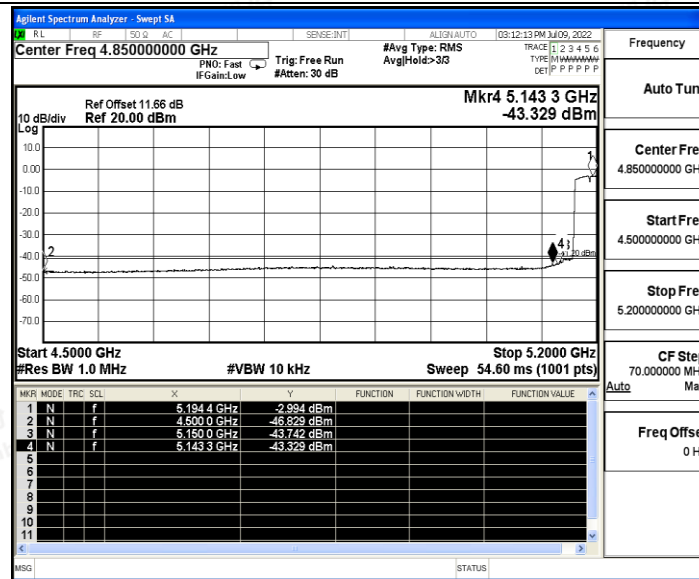


11AC20SISO_Ant1_High_5240_Peak

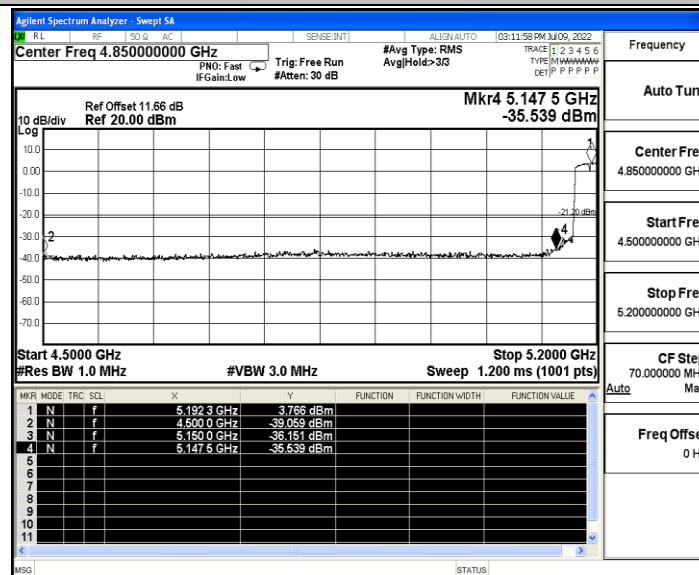


11AC40SISO_Ant1_Low_5190_AV



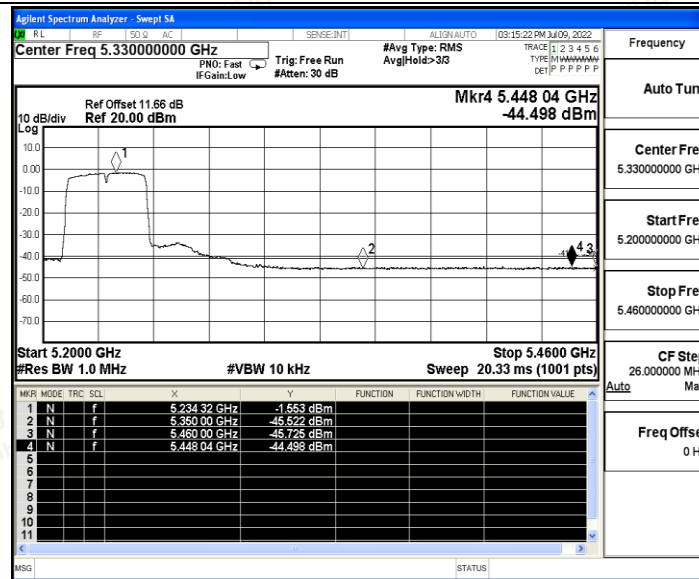


11AC40SISO_Ant1_Low_5190_Peak

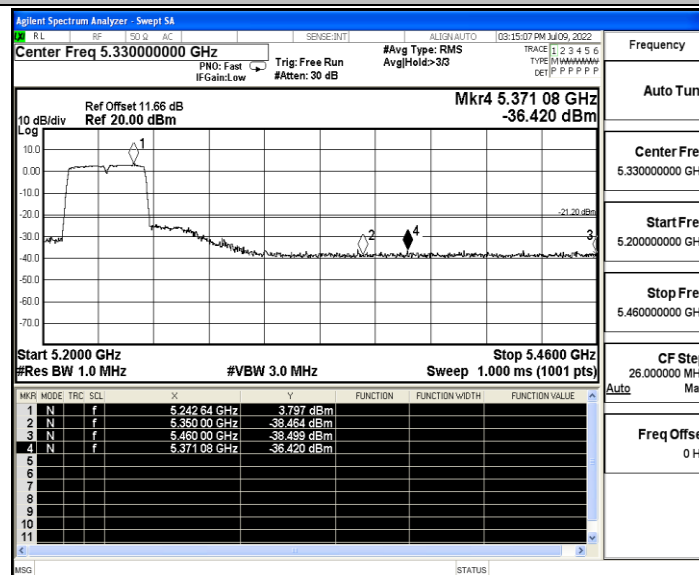


11AC40SISO_Ant1_High_5230_AV



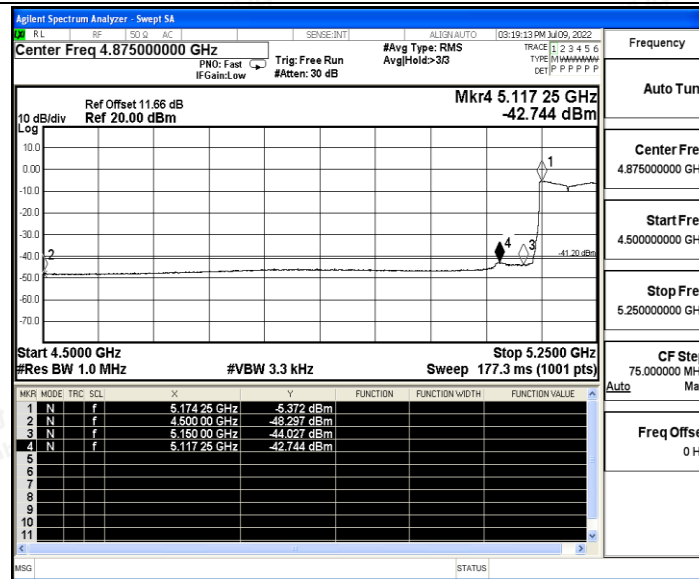


11AC40SISO_Ant1_High_5230_Peak

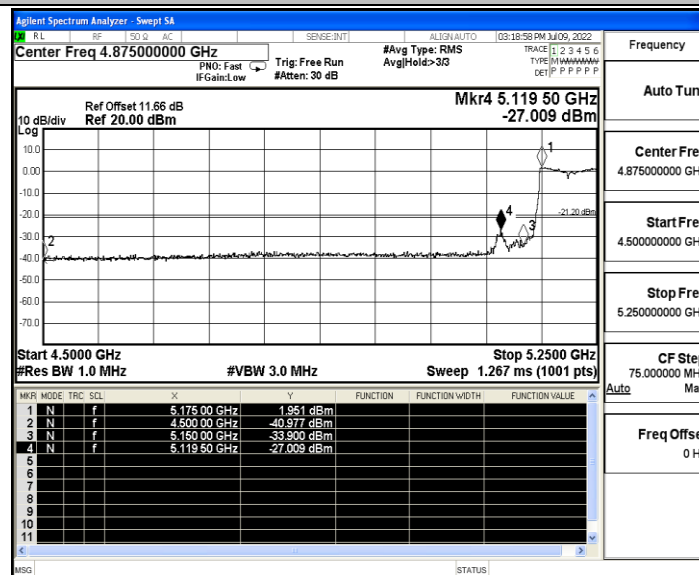


11AC80SISO_Ant1_Low_5210_AV



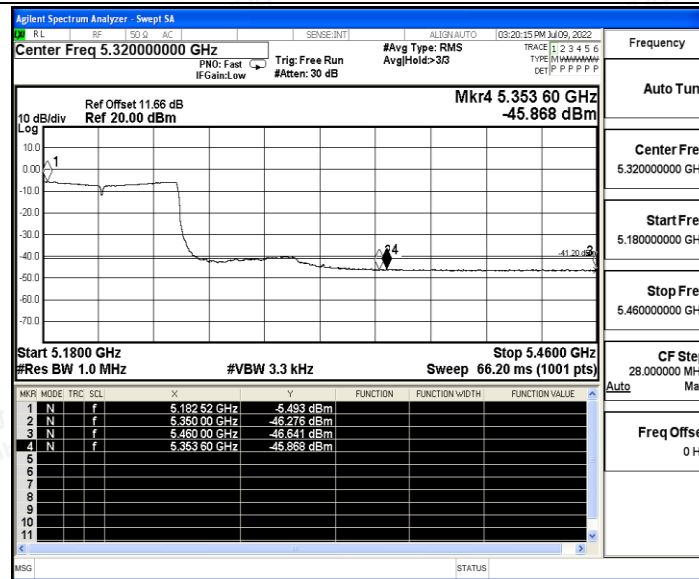


11AC80SISO_Ant1_Low_5210_Peak

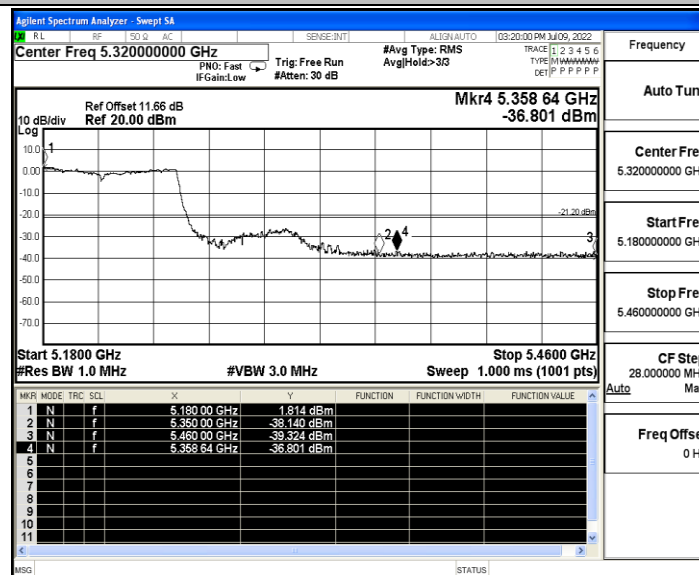


11AC80SISO_Ant1_High_5210_AV



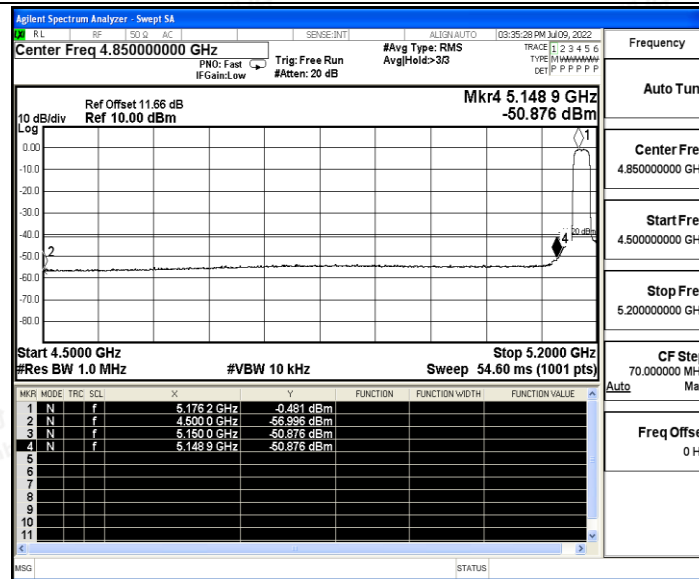


11AC80SISO_Ant1_High_5210_Peak

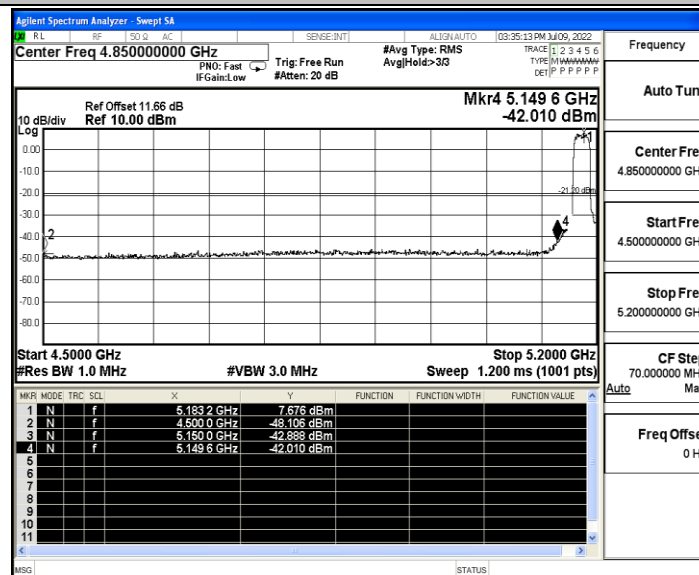


11AX20SISO_Ant1_Low_5180_AV



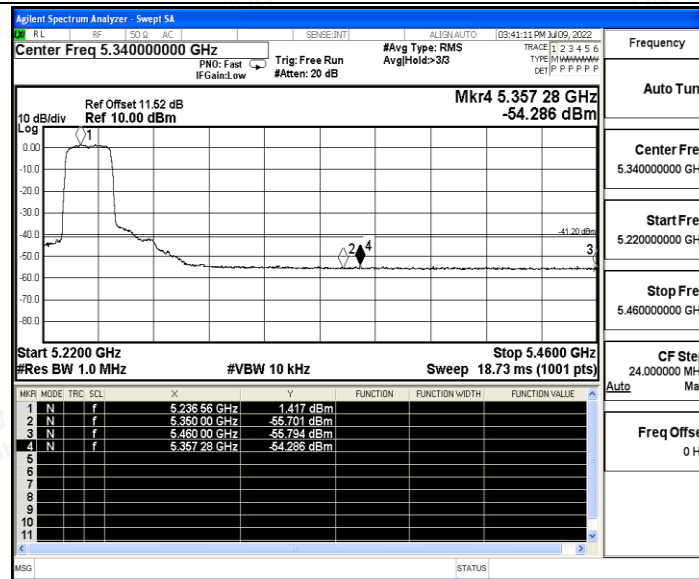


11AX20SISO_Ant1_Low_5180_Peak

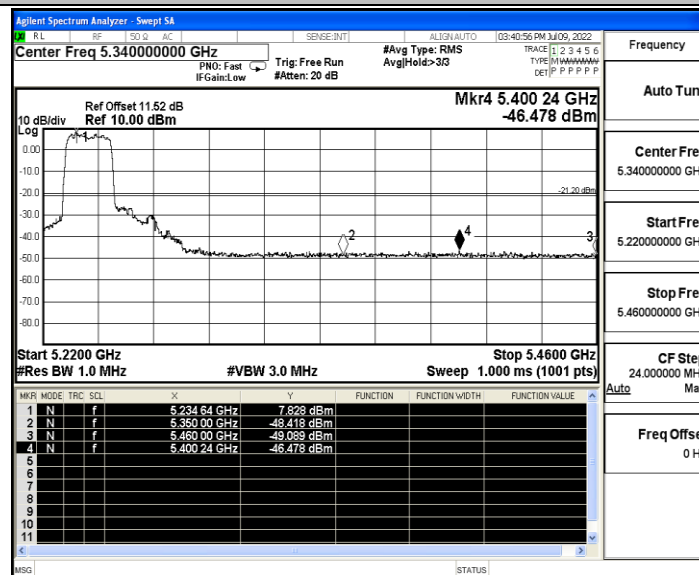


11AX20SISO_Ant1_High_5240_AV



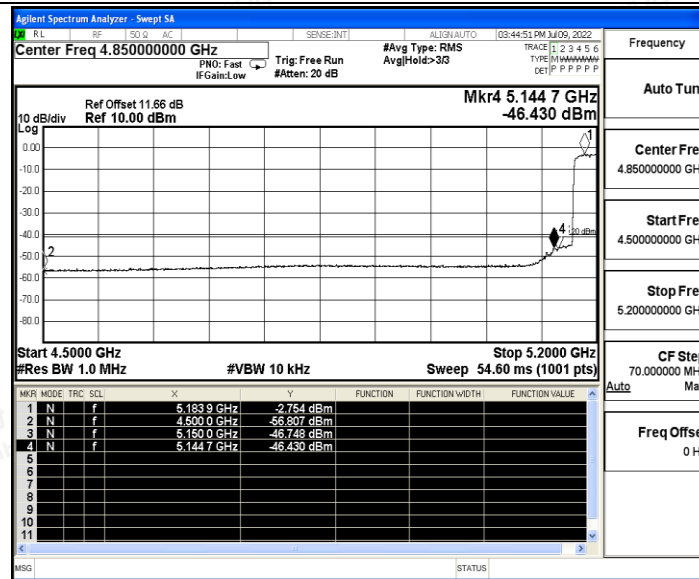


11AX20SISO_Ant1_High_5240_Peak

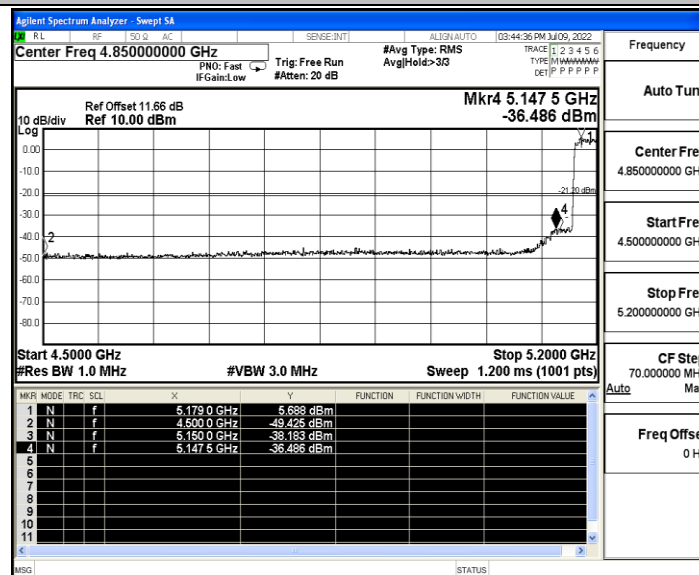


11AX40SISO_Ant1_Low_5190_AV



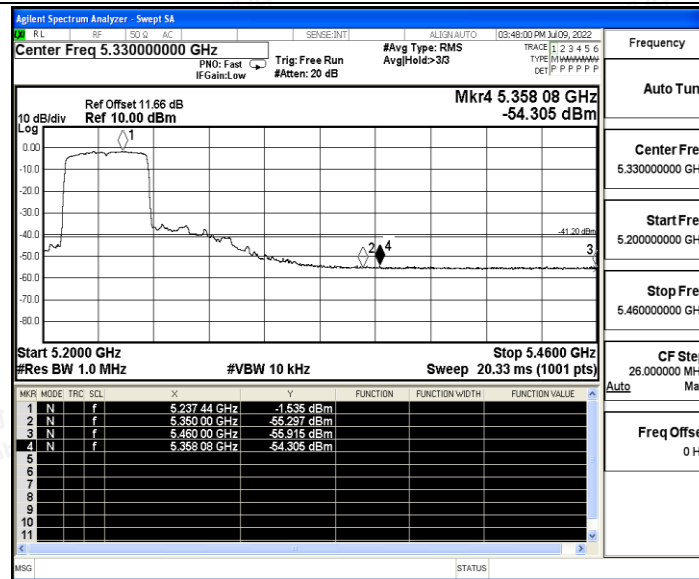


11AX40SISO_Ant1_Low_5190_Peak

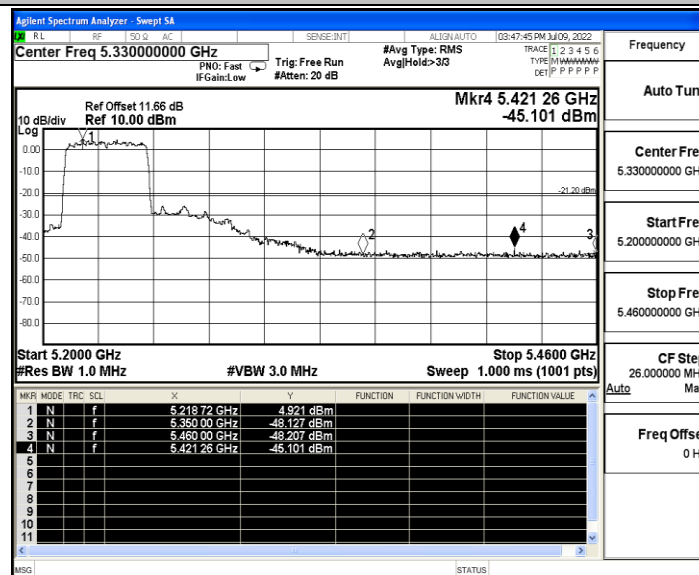


11AX40SISO_Ant1_High_5230_AV



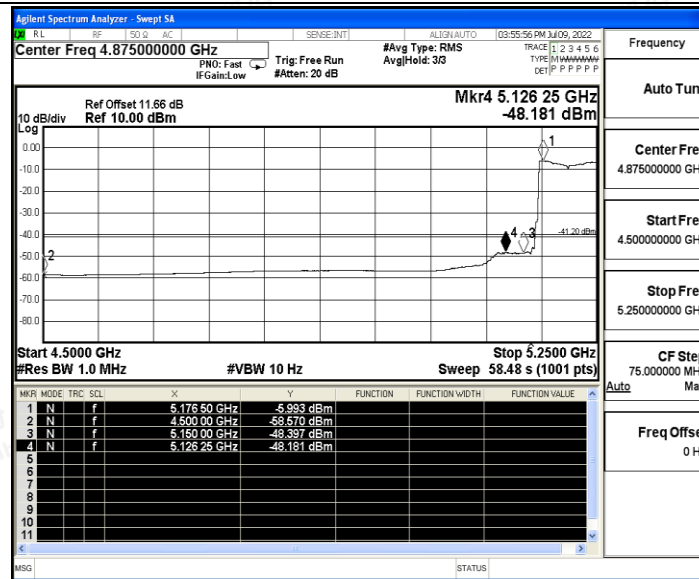


11AX40SISO_Ant1_High_5230_Peak

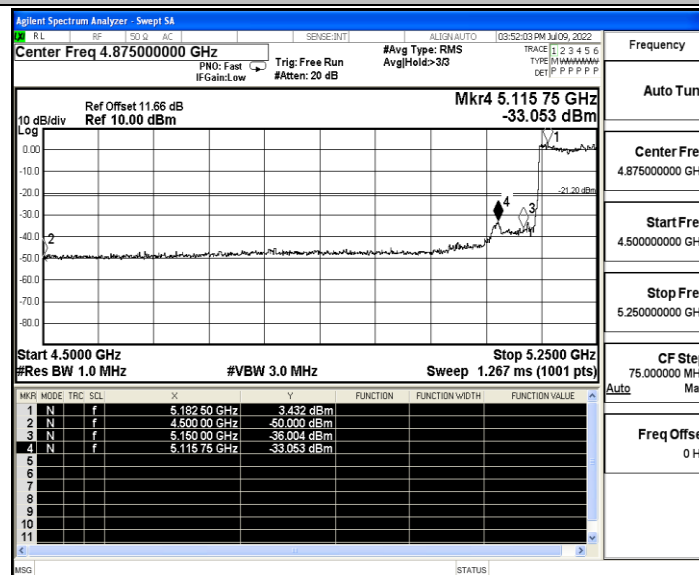


11AX80SISO_Ant1_Low_5210_AV



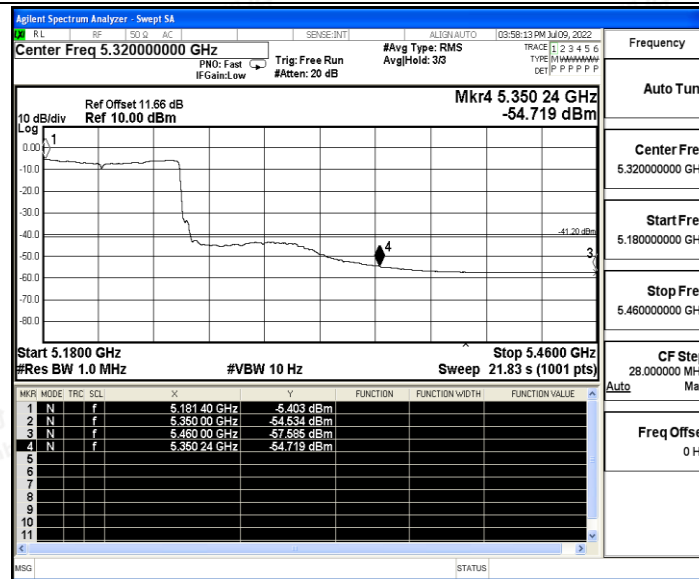


11AX80SISO_Ant1_Low_5210_Peak

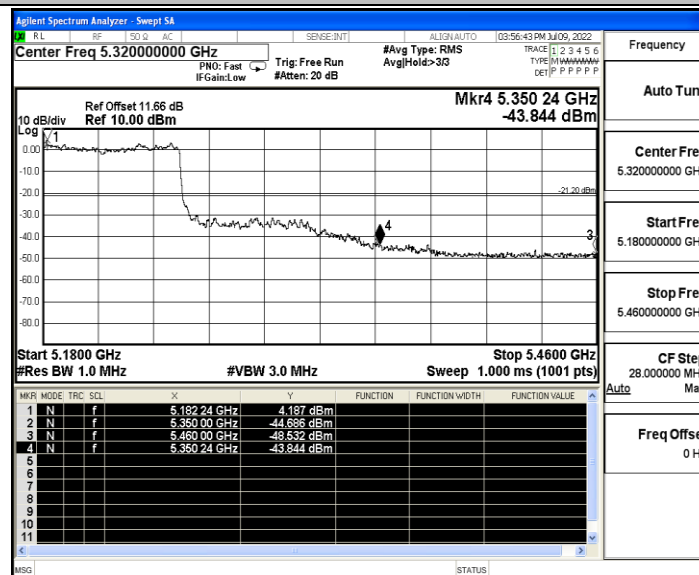


11AX80SISO_Ant1_High_5210_AV





11AX80SISO_Ant1_High_5210_Peak





D.5 Frequency Stability

Test Result

Voltage								
TestMode	Antenna	Channel	Voltage [Vdc]	Temperature (°C)	Deviation (Hz)	Deviation (ppm)	Limit (ppm)	Verdict
11AC20SIS O	Ant0	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	20000	3.831418	20	PASS
			HV	NT	40000	7.662835	20	PASS
		5240	NV	NT	0	0	20	PASS
			LV	NT	40000	7.633588	20	PASS
			HV	NT	40000	7.633588	20	PASS
11AC40SIS O	Ant0	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	40000	7.648184	20	PASS
11AC80SIS O	Ant0	5210	NV	NT	0	0	20	PASS
			LV	NT	0	0	20	PASS
			HV	NT	0	0	20	PASS

Temperature								
TestMode	Antenna	Channel	Voltage [Vdc]	Temperature (°C)	Deviation (Hz)	Deviation (ppm)	Limit (ppm)	Verdict
11AC20SIS O	Ant0	5180	NV	-30	20000	3.861004	20	PASS
			NV	-20	40000	7.722008	20	PASS
			NV	-10	20000	3.861004	20	PASS
			NV	0	40000	7.722008	20	PASS
			NV	10	40000	7.722008	20	PASS
			NV	20	40000	7.722008	20	PASS
			NV	30	40000	7.722008	20	PASS
			NV	40	20000	3.861004	20	PASS
			NV	50	40000	7.722008	20	PASS
		5220	NV	-30	40000	7.662835	20	PASS
			NV	-20	20000	3.831418	20	PASS
			NV	-10	40000	7.662835	20	PASS





			NV	0	40000	7.662835	20	PASS
			NV	10	40000	7.662835	20	PASS
			NV	20	40000	7.662835	20	PASS
			NV	30	20000	3.831418	20	PASS
			NV	40	40000	7.662835	20	PASS
			NV	50	40000	7.662835	20	PASS
		5240	NV	-30	40000	7.633588	20	PASS
			NV	-20	40000	7.633588	20	PASS
			NV	-10	40000	7.633588	20	PASS
			NV	0	40000	7.633588	20	PASS
			NV	10	40000	7.633588	20	PASS
			NV	20	40000	7.633588	20	PASS
			NV	30	60000	11.450382	20	PASS
			NV	40	20000	3.816794	20	PASS
			NV	50	40000	7.633588	20	PASS
11AC40SIS O	Ant0	5190	NV	-30	0	0	20	PASS
			NV	-20	0	0	20	PASS
			NV	-10	40000	7.707129	20	PASS
			NV	0	40000	7.707129	20	PASS
			NV	10	40000	7.707129	20	PASS
			NV	20	0	0	20	PASS
			NV	30	40000	7.707129	20	PASS
			NV	40	40000	7.707129	20	PASS
			NV	50	0	0	20	PASS
		5230	NV	-30	40000	7.648184	20	PASS
			NV	-20	40000	7.648184	20	PASS
			NV	-10	0	0	20	PASS
			NV	0	40000	7.648184	20	PASS
			NV	10	40000	7.648184	20	PASS
			NV	20	0	0	20	PASS
			NV	30	0	0	20	PASS
			NV	40	0	0	20	PASS
			NV	50	40000	7.648184	20	PASS
11AC80SIS O	Ant0	5210	NV	-30	0	0	20	PASS
			NV	-20	0	0	20	PASS
			NV	-10	0	0	20	PASS
			NV	0	0	0	20	PASS
			NV	10	0	0	20	PASS
			NV	20	0	0	20	PASS
			NV	30	0	0	20	PASS



Shenzhen LCS Compliance Testing Laboratory Ltd.

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			NV	40	0	0	20	PASS
			NV	50	0	0	20	PASS



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Voltage								
TestMode	Antenna	Channel	Voltage [Vdc]	Temperature (°C)	Deviation (Hz)	Deviation (ppm)	Limit (ppm)	Verdict
11AC20SIS O	Ant1	5180	NV	NT	0	0	20	PASS
			LV	NT	20000	3.861004	20	PASS
			HV	NT	40000	7.722008	20	PASS
		5220	NV	NT	40000	7.662835	20	PASS
			LV	NT	20000	3.831418	20	PASS
			HV	NT	20000	3.831418	20	PASS
		5240	NV	NT	20000	3.816794	20	PASS
			LV	NT	20000	3.816794	20	PASS
			HV	NT	40000	7.633588	20	PASS
11AC40SIS O	Ant1	5190	NV	NT	0	0	20	PASS
			LV	NT	0	0	20	PASS
			HV	NT	40000	7.707129	20	PASS
		5230	NV	NT	0	0	20	PASS
			LV	NT	40000	7.648184	20	PASS
			HV	NT	40000	7.648184	20	PASS
11AC80SIS O	Ant1	5210	NV	NT	0	0	20	PASS
			LV	NT	0	0	20	PASS
			HV	NT	0	0	20	PASS

Temperature								
TestMode	Antenna	Channel	Voltage [Vdc]	Temperature (°C)	Deviation (Hz)	Deviation (ppm)	Limit (ppm)	Verdict
11AC20SIS O	Ant1	5180	NV	-30	20000	3.861004	20	PASS
			NV	-20	20000	3.861004	20	PASS
			NV	-10	40000	7.722008	20	PASS
			NV	0	20000	3.861004	20	PASS
			NV	10	20000	3.861004	20	PASS
			NV	20	20000	3.861004	20	PASS
			NV	30	20000	3.861004	20	PASS
			NV	40	20000	3.861004	20	PASS
			NV	50	20000	3.861004	20	PASS
		5220	NV	-30	20000	3.831418	20	PASS
			NV	-20	20000	3.831418	20	PASS
			NV	-10	40000	7.662835	20	PASS
			NV	0	40000	7.662835	20	PASS
			NV	10	40000	7.662835	20	PASS
			NV	20	40000	7.662835	20	PASS



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			NV	30	40000	7.662835	20	PASS
			NV	40	40000	7.662835	20	PASS
			NV	50	20000	3.831418	20	PASS
		5240	NV	-30	40000	7.633588	20	PASS
			NV	-20	40000	7.633588	20	PASS
			NV	-10	20000	3.816794	20	PASS
			NV	0	40000	7.633588	20	PASS
			NV	10	20000	3.816794	20	PASS
			NV	20	20000	3.816794	20	PASS
			NV	30	20000	3.816794	20	PASS
			NV	40	40000	7.633588	20	PASS
			NV	50	40000	7.633588	20	PASS
11AC40SIS O	Ant1	5190	NV	-30	0	0	20	PASS
			NV	-20	0	0	20	PASS
			NV	-10	0	0	20	PASS
			NV	0	40000	7.707129	20	PASS
			NV	10	0	0	20	PASS
			NV	20	0	0	20	PASS
			NV	30	40000	7.707129	20	PASS
			NV	40	0	0	20	PASS
			NV	50	80000	15.414258	20	PASS
		5230	NV	-30	40000	7.648184	20	PASS
			NV	-20	0	0	20	PASS
			NV	-10	40000	7.648184	20	PASS
			NV	0	40000	7.648184	20	PASS
			NV	10	40000	7.648184	20	PASS
			NV	20	40000	7.648184	20	PASS
			NV	30	40000	7.648184	20	PASS
			NV	40	40000	7.648184	20	PASS
			NV	50	40000	7.648184	20	PASS
11AC80SIS O	Ant1	5210	NV	-30	0	0	20	PASS
			NV	-20	0	0	20	PASS
			NV	-10	0	0	20	PASS
			NV	0	0	0	20	PASS
			NV	10	0	0	20	PASS
			NV	20	0	0	20	PASS
			NV	30	0	0	20	PASS
			NV	40	0	0	20	PASS
			NV	50	0	0	20	PASS



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D.6 Duty Cycle

Test Result

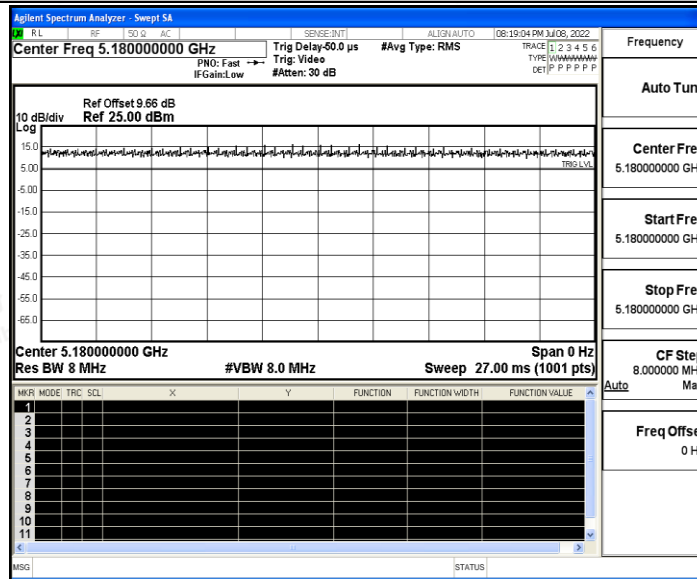
TestMode	Antenna	Channel	Transmission Duration [ms]	Transmission Period [ms]	Duty Cycle [%]	Limit	Verdict
11A	Ant0	5180	27.00	27.00	100.00	---	---
		5220	27.00	27.00	100.00	---	---
		5240	27.00	27.00	100.00	---	---
11N20SISO	Ant0	5180	27.00	27.00	100.00	---	---
		5220	1.27	1.28	99.22	---	---
		5240	1.27	1.28	99.22	---	---
11N40SISO	Ant0	5190	0.63	0.64	98.44	---	---
		5230	0.63	0.64	98.44	---	---
11AC20SISO	Ant0	5180	27.00	27.00	100.00	---	---
		5220	1.28	1.28	100.00	---	---
		5240	1.28	1.28	100.00	---	---
11AC40SISO	Ant0	5190	0.64	0.65	98.46	---	---
		5230	0.64	0.65	98.46	---	---
11AC80SISO	Ant0	5210	0.31	0.32	96.88	---	---
11AX20SISO	Ant0	5180	0.12	0.13	92.31	---	---
		5220	0.12	0.13	92.31	---	---
		5240	0.12	0.12	100.00	---	---
11AX40SISO	Ant0	5190	0.10	0.10	100.00	---	---
		5230	0.52	0.53	98.11	---	---
11AX80SISO	Ant0	5210	0.27	0.28	96.43	---	---



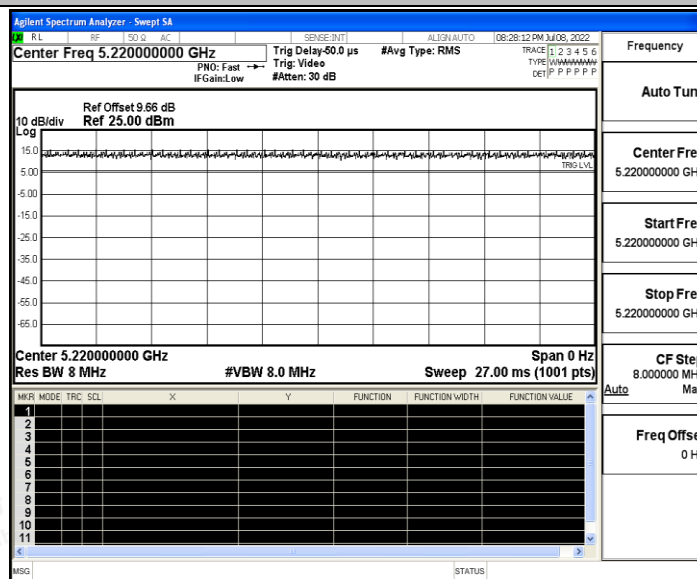


Test Graphs

11A_Ant0_5180

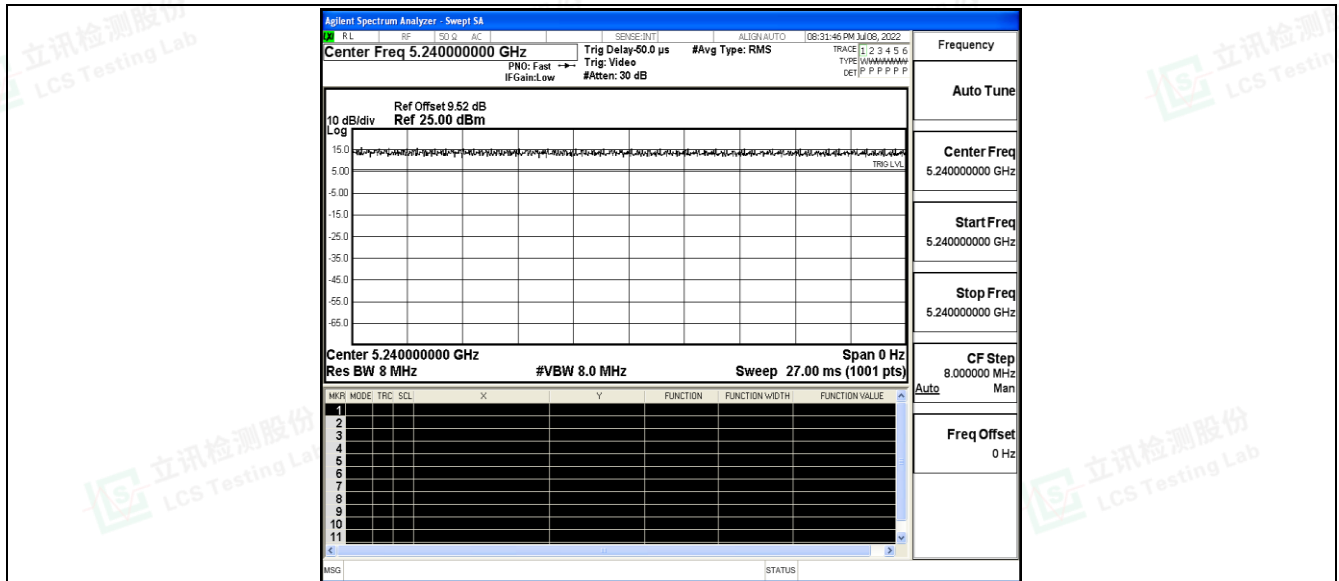


11A_Ant0_5220

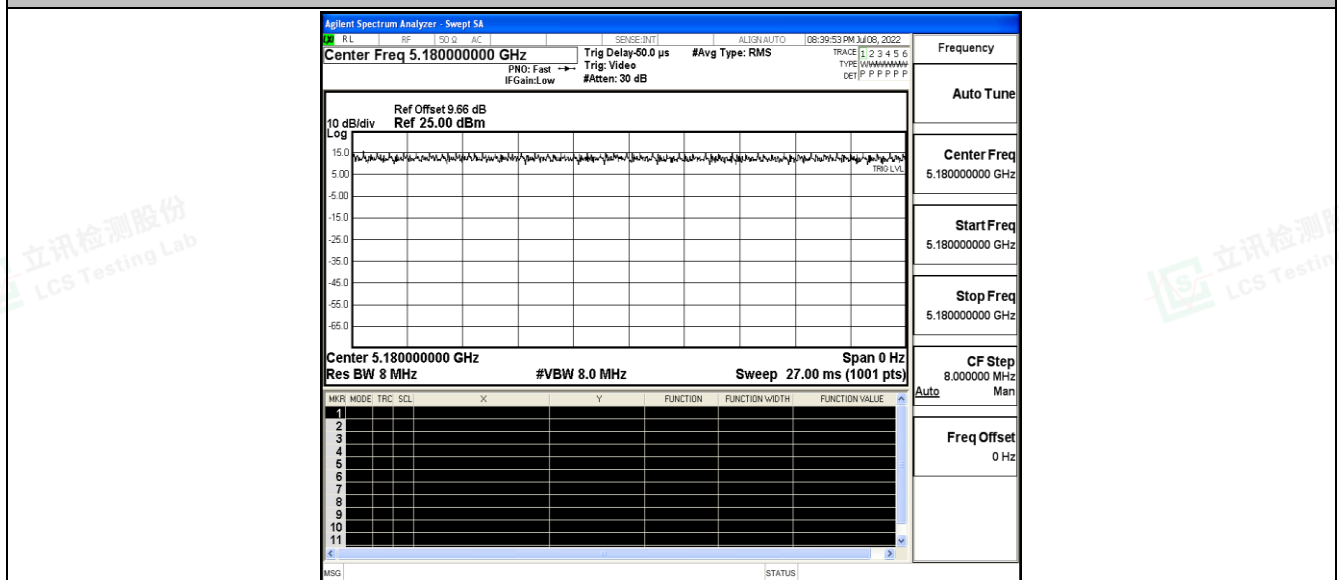


11A_Ant0_5240



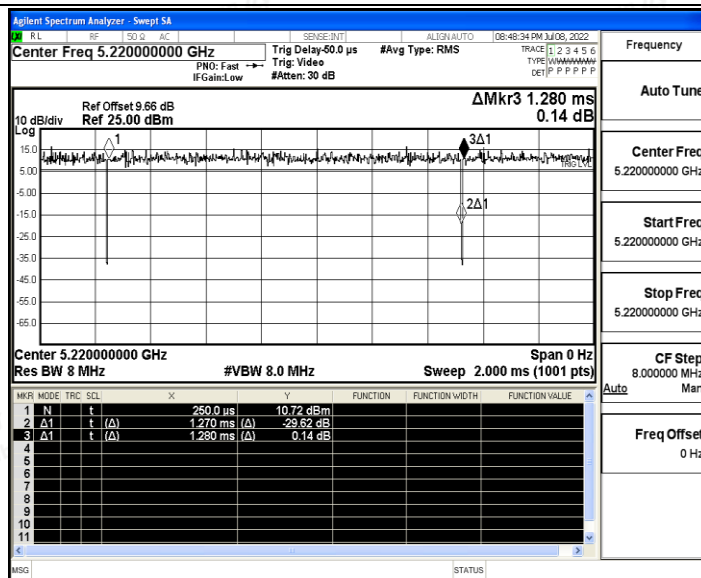


11N20SISO_Ant0_5180

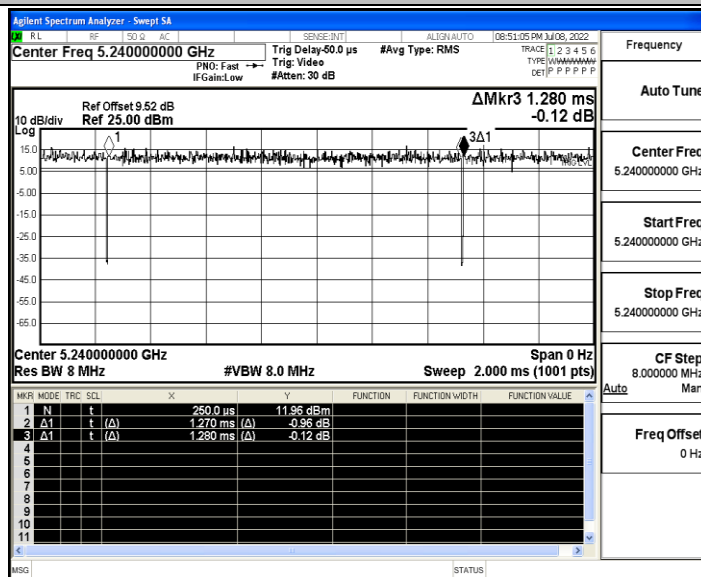


11N20SISO_Ant0_5220



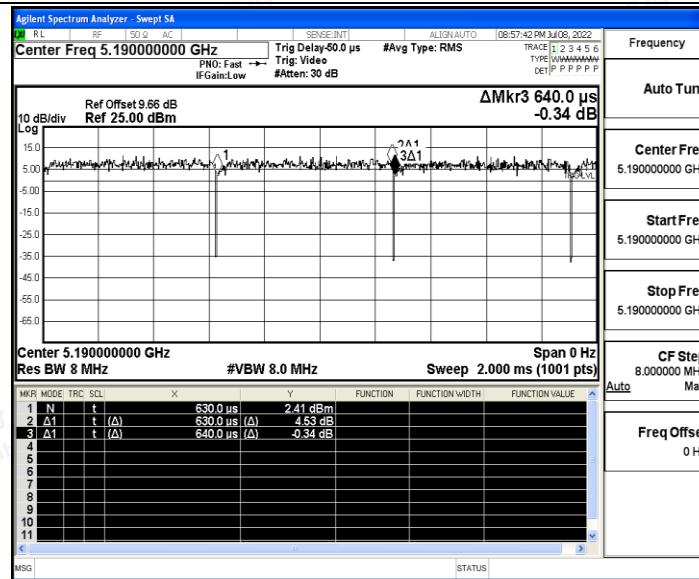


11N20SISO_Ant0_5240

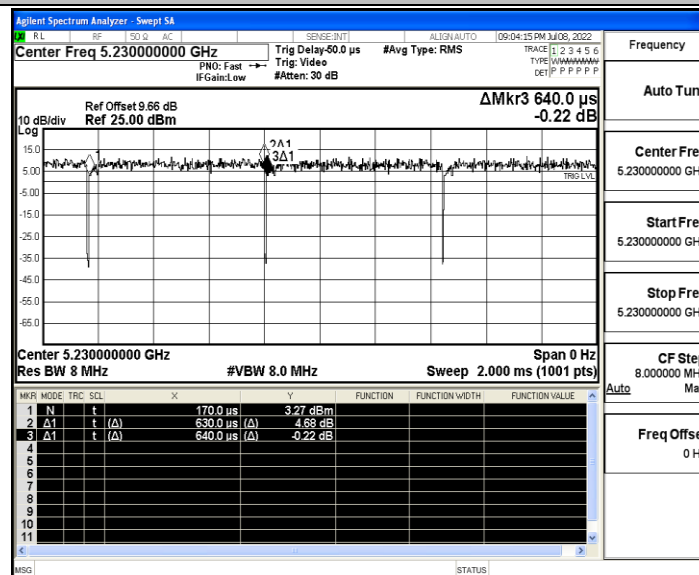


11N40SISO_Ant0_5190



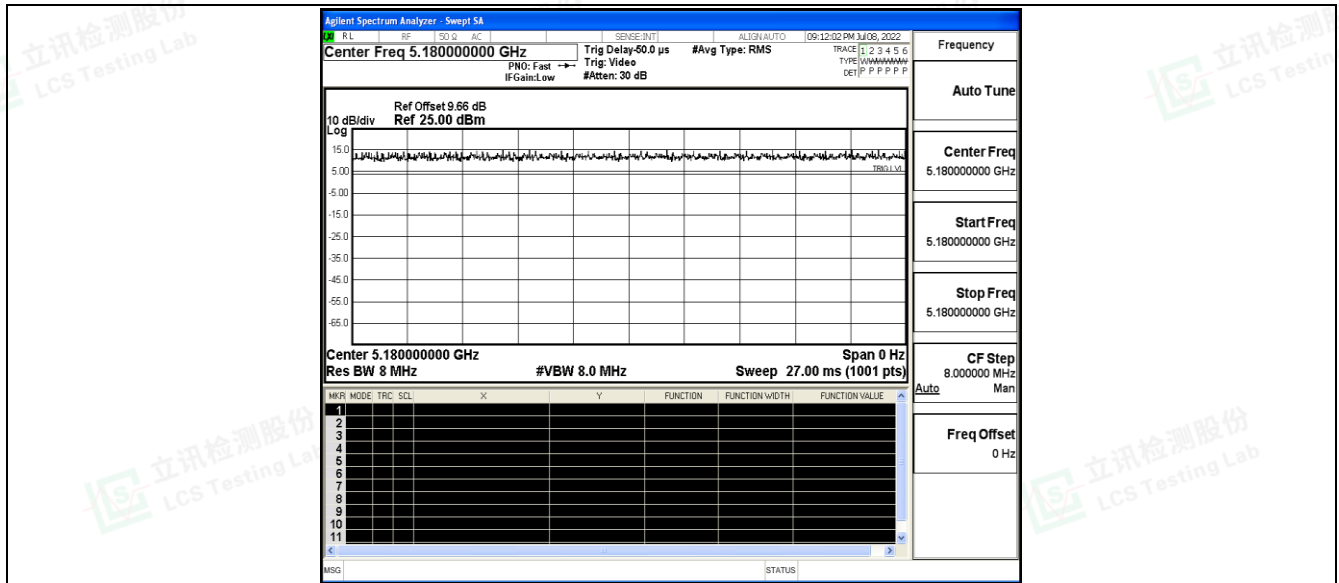


11N40SISO_Ant0_5230

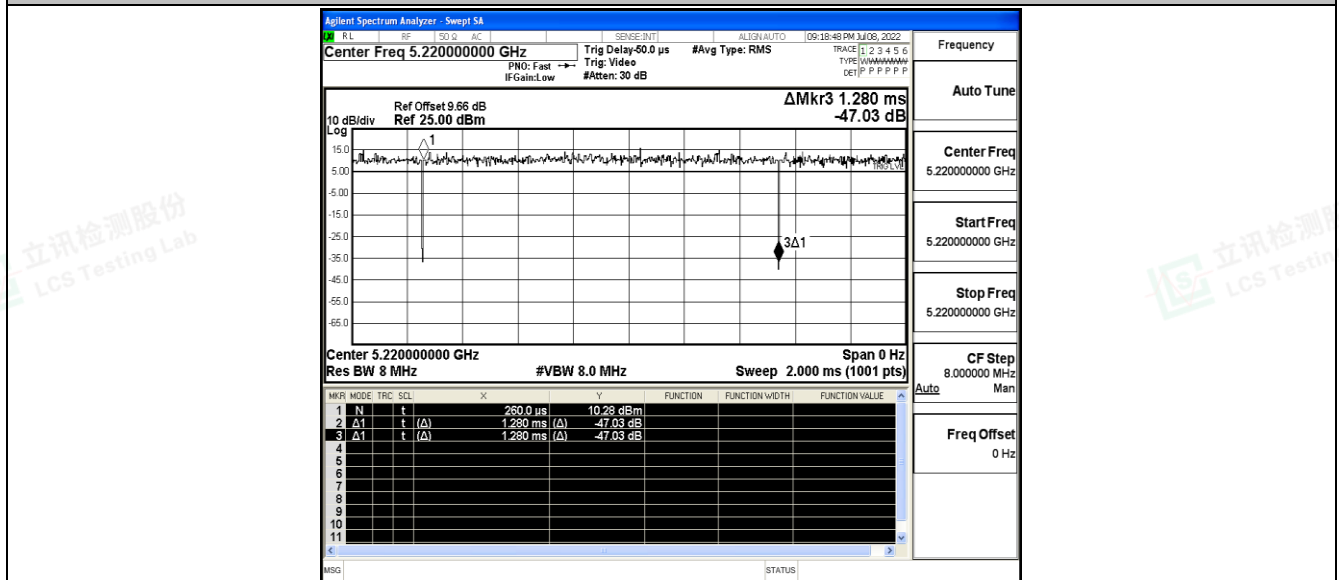


11AC20SISO_Ant0_5180



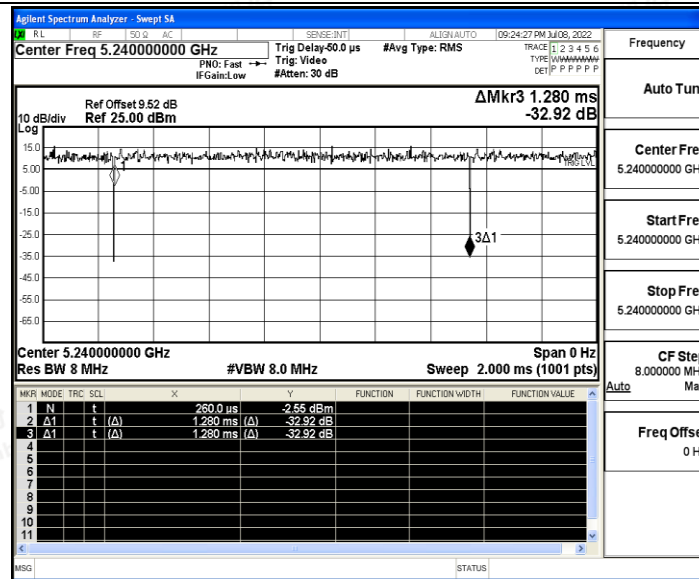


11AC20SISO_Ant0_5220

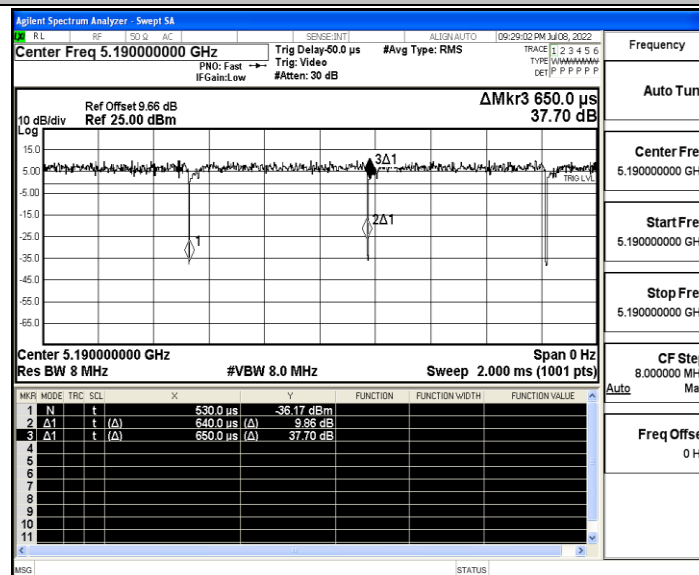


11AC20SISO_Ant0_5240



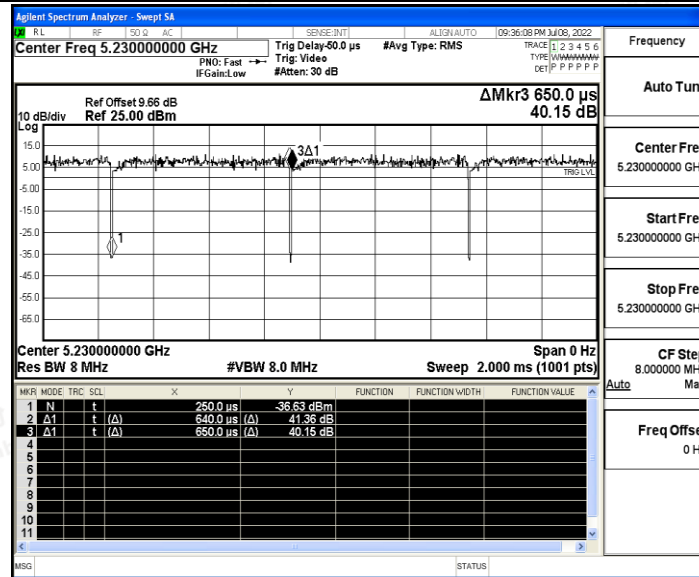


11AC40SISO_Ant0_5190

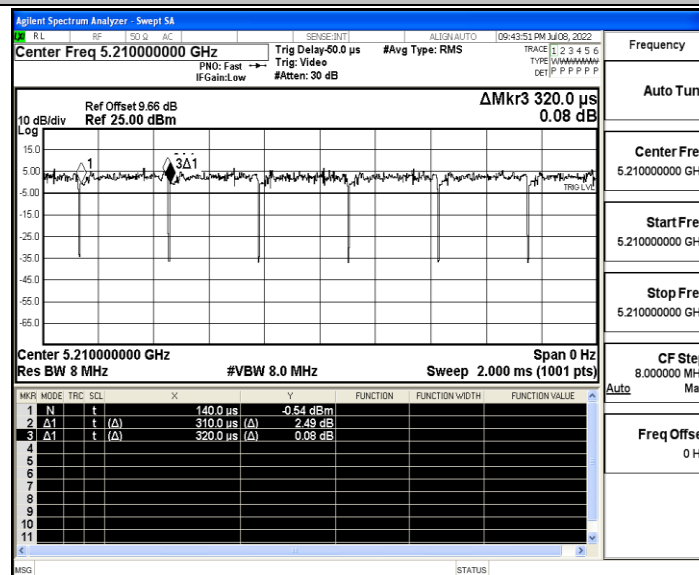


11AC40SISO_Ant0_5230



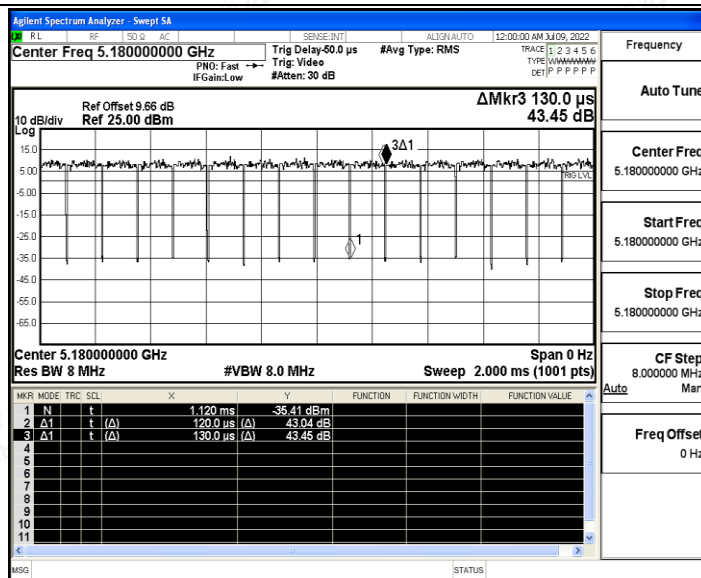


11AC80SISO_Ant0_5210

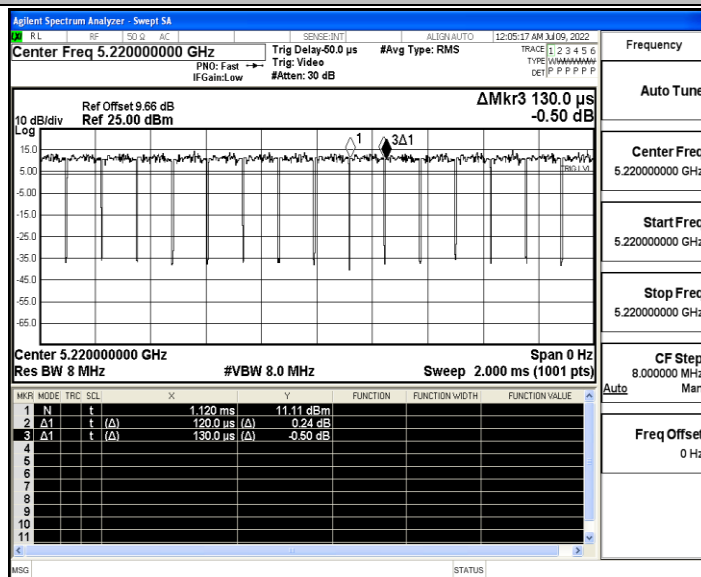


11AX20SISO_Ant0_5180



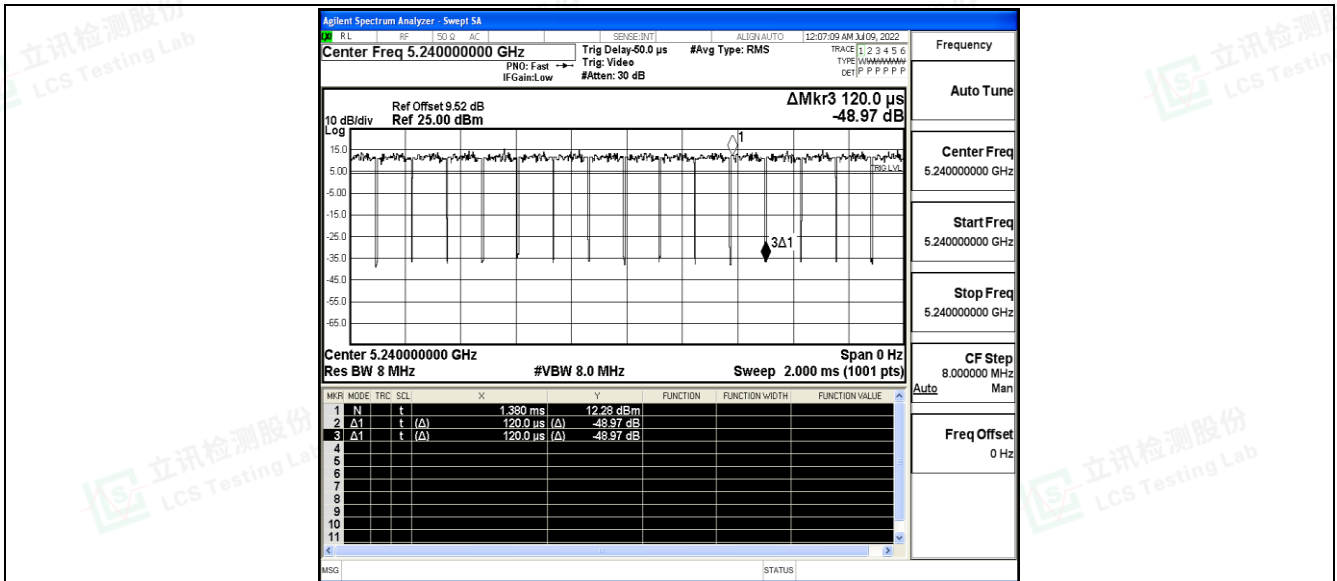


11AX20SISO_Ant0_5220

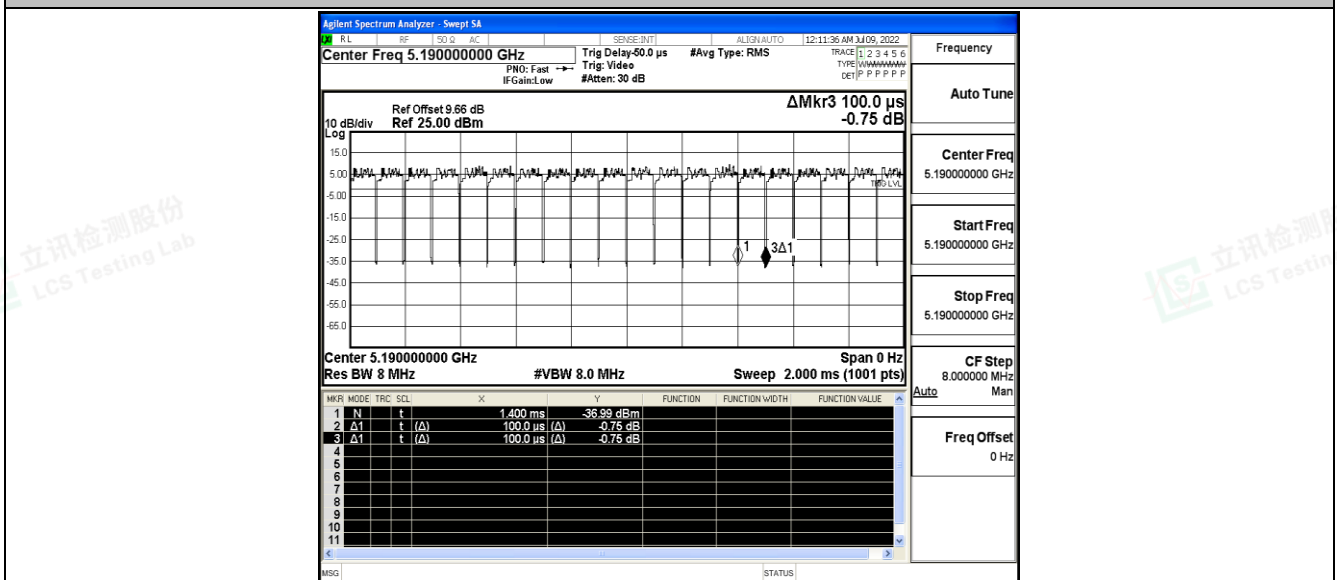


11AX20SISO_Ant0_5240



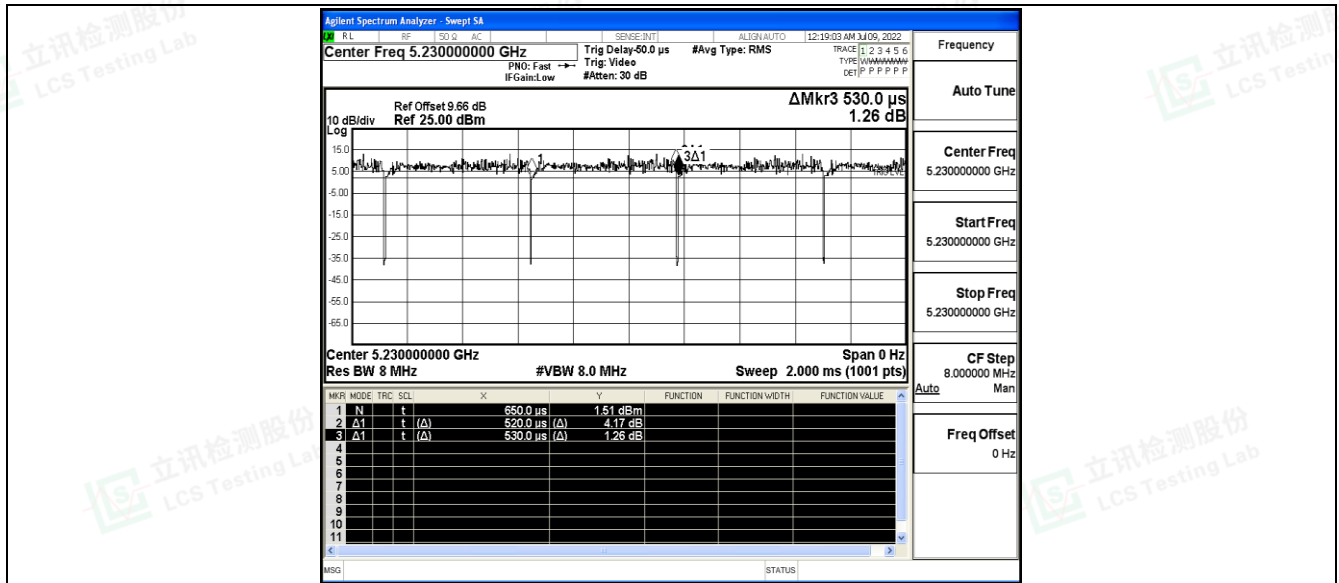


11AX40SISO_Ant0_5190

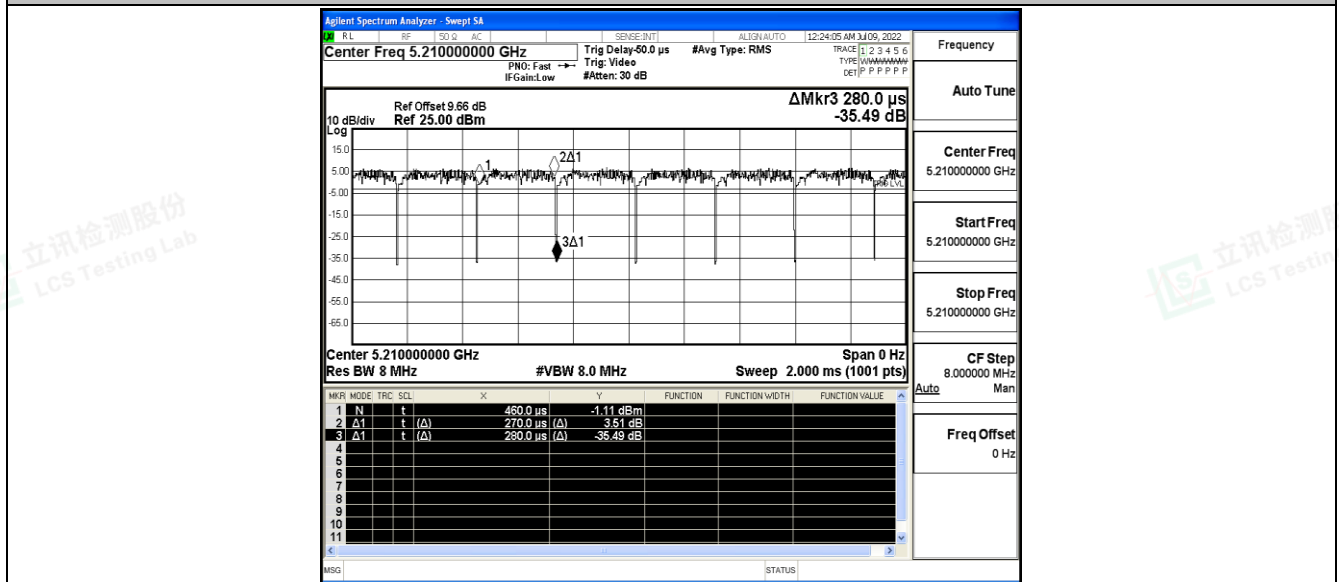


11AX40SISO_Ant0_5230





11AX80SISO_Ant0_5210



**Test Result**

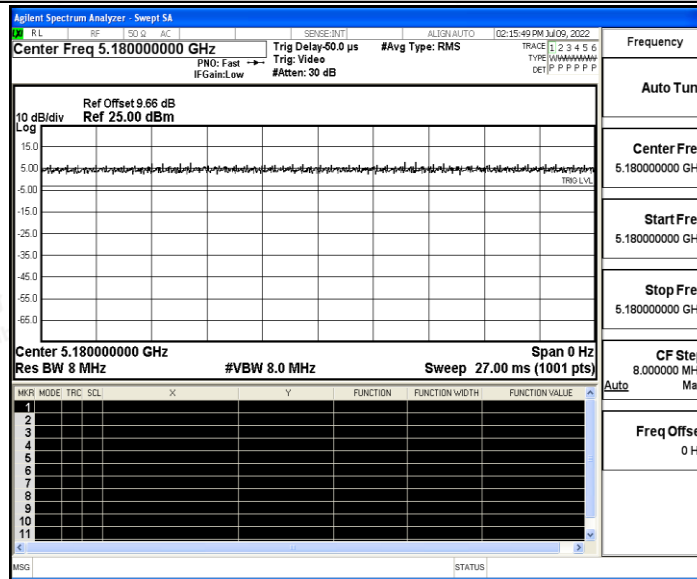
TestMode	Antenna	Channel	Transmission Duration [ms]	Transmission Period [ms]	Duty Cycle [%]	Limit	Verdict
11A	Ant1	5180	27.00	27.00	100.00	---	---
		5220	27.00	27.00	100.00	---	---
		5240	27.00	27.00	100.00	---	---
11N20SISO	Ant1	5180	1.27	1.28	99.22	---	---
		5220	27.00	27.00	100.00	---	---
		5240	27.00	27.00	100.00	---	---
11N40SISO	Ant1	5190	0.64	0.64	100.00	---	---
		5230	0.63	0.64	98.44	---	---
11AC20SISO	Ant1	5180	27.00	27.00	100.00	---	---
		5220	1.28	1.28	100.00	---	---
		5240	1.28	1.28	100.00	---	---
11AC40SISO	Ant1	5190	0.64	0.65	98.46	---	---
		5230	0.64	0.65	98.46	---	---
11AC80SISO	Ant1	5210	0.32	0.33	96.97	---	---
11AX20SISO	Ant1	5180	0.98	0.99	98.99	---	---
		5220	0.98	0.99	98.99	---	---
		5240	0.98	0.99	98.99	---	---
11AX40SISO	Ant1	5190	0.52	0.53	98.11	---	---
		5230	0.52	0.53	98.11	---	---
11AX80SISO	Ant1	5210	0.28	0.28	100.00	---	---



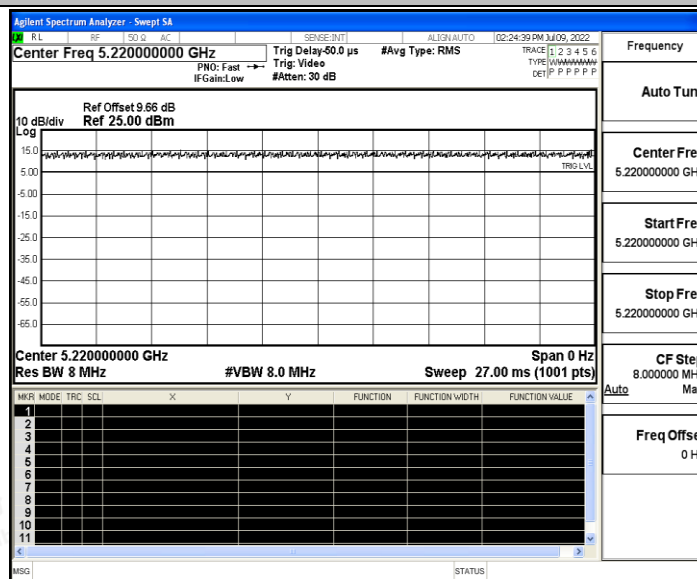


Test Graphs

11A_Ant1_5180

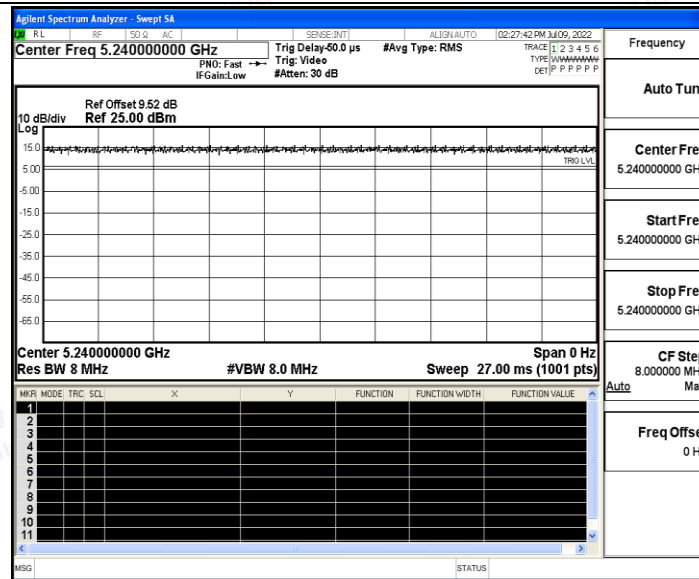


11A_Ant1_5220

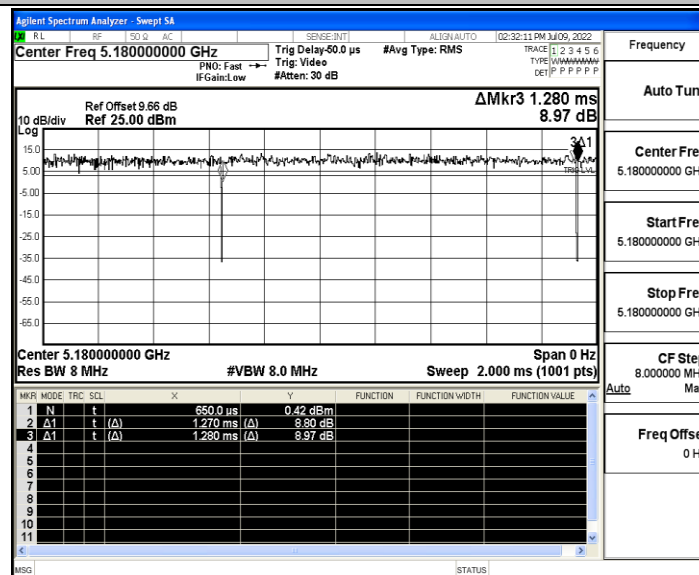


11A_Ant1_5240



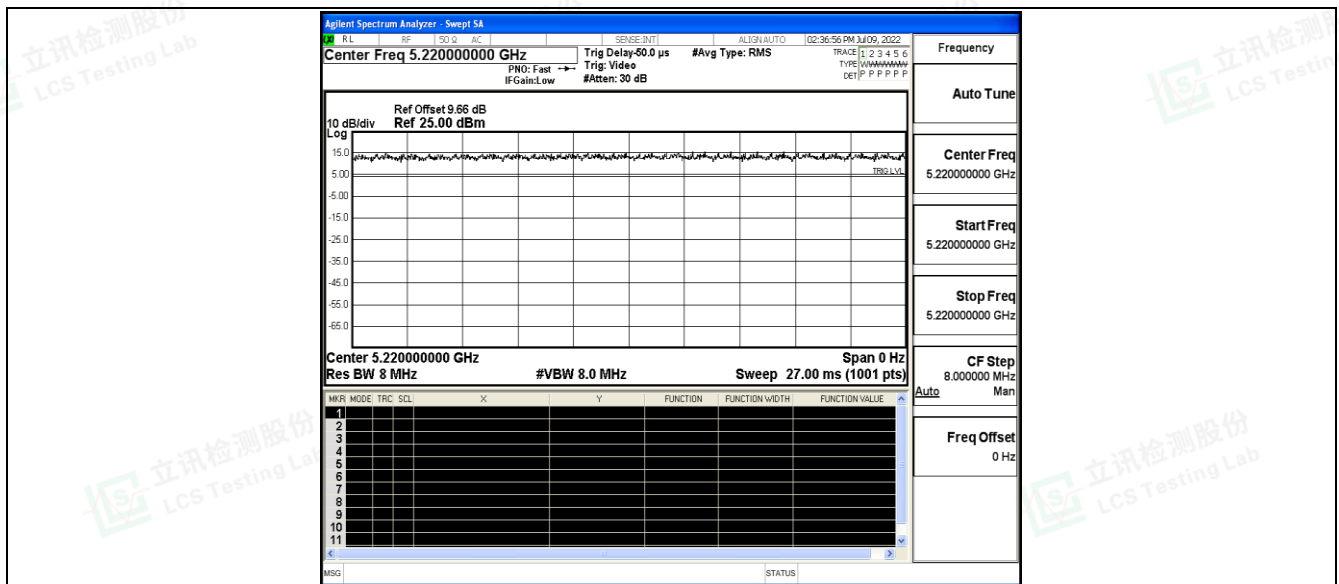


11N20SISO_Ant1_5180

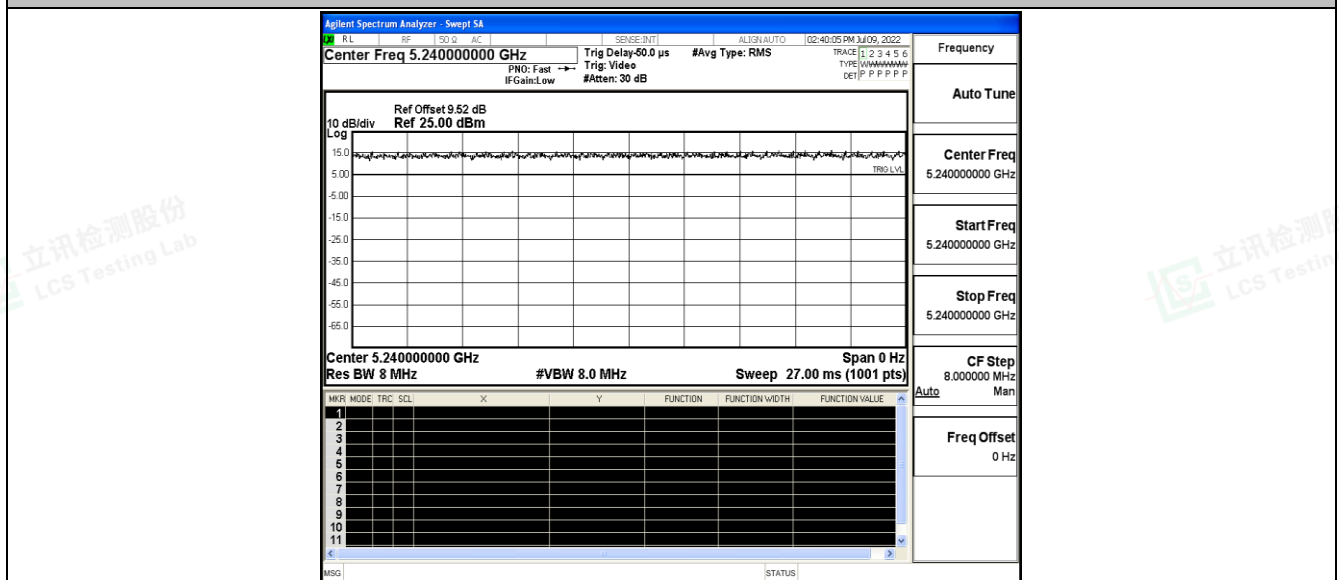


11N20SISO_Ant1_5220



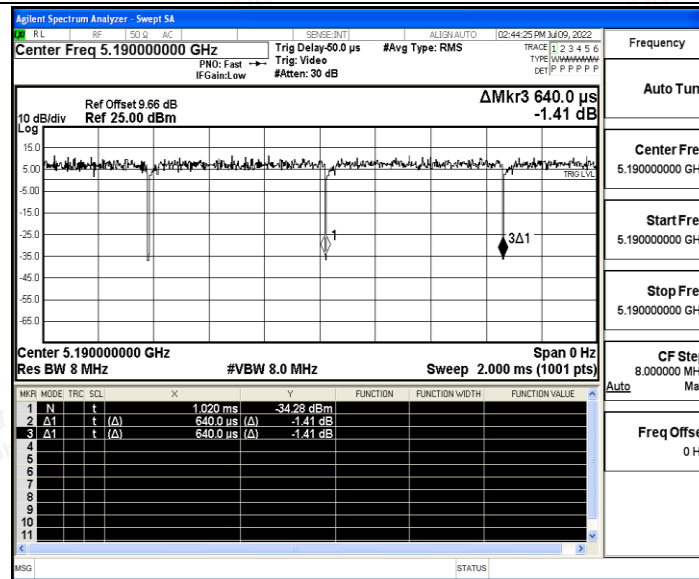


11N20SISO_Ant1_5240

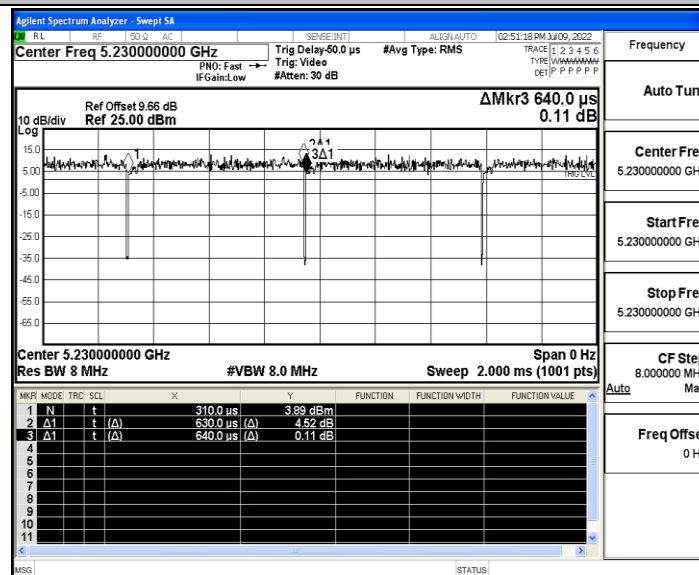


11N40SISO_Ant1_5190



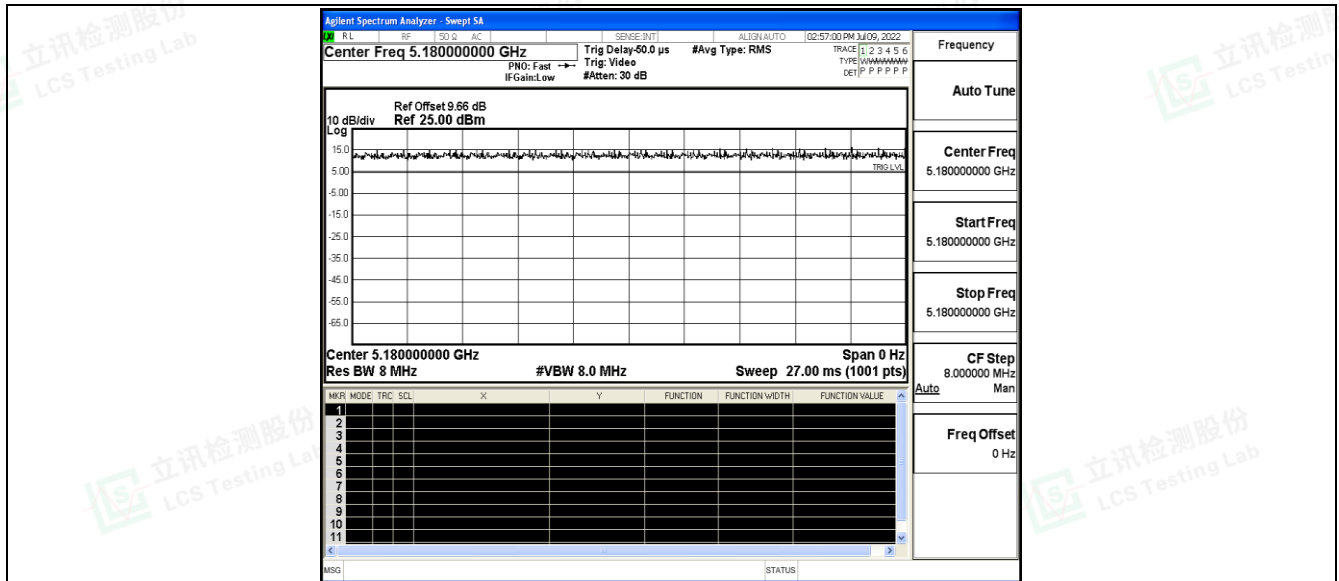


11N40SISO_Ant1_5230

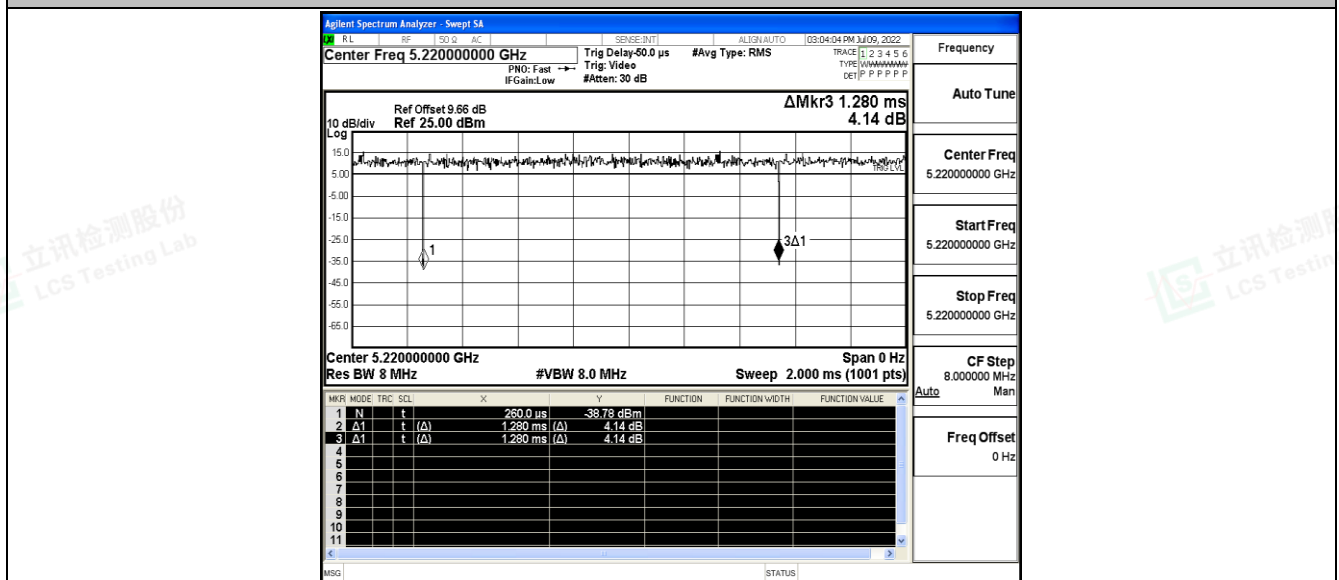


11AC20SISO_Ant1_5180



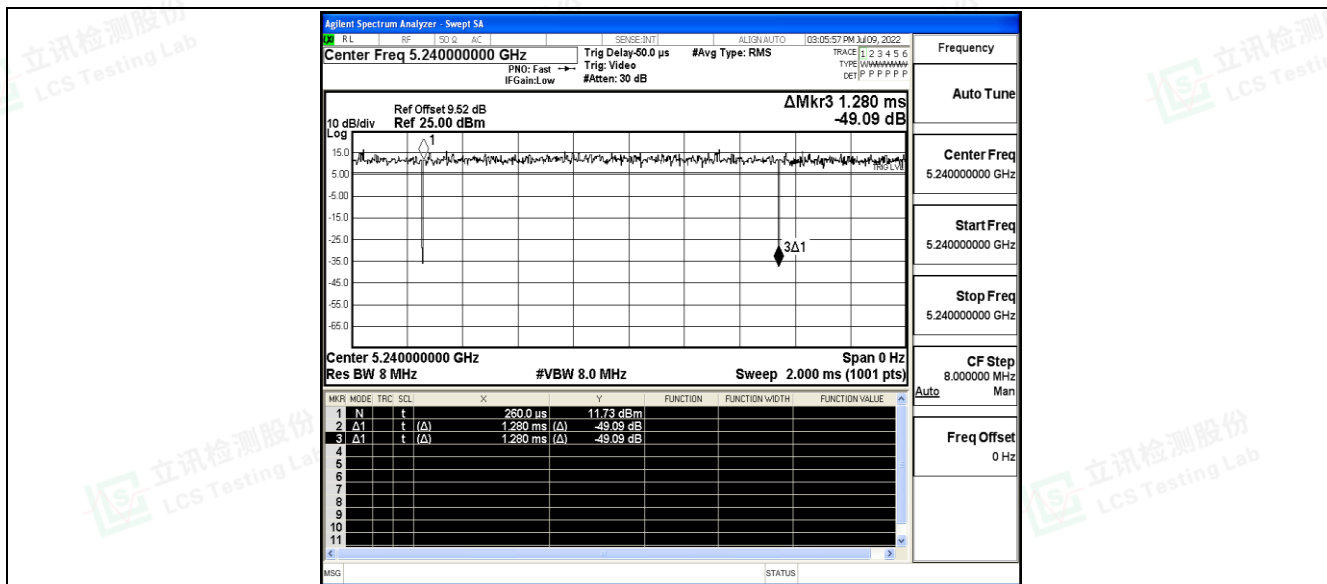


11AC20SISO_Ant1_5220

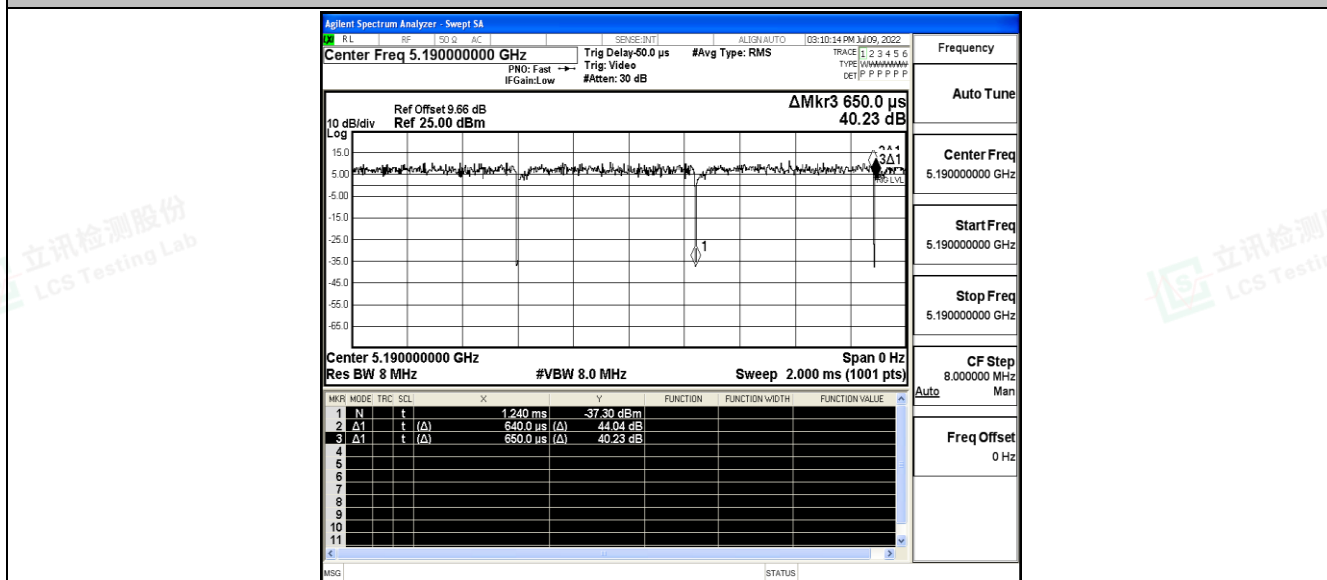


11AC20SISO_Ant1_5240



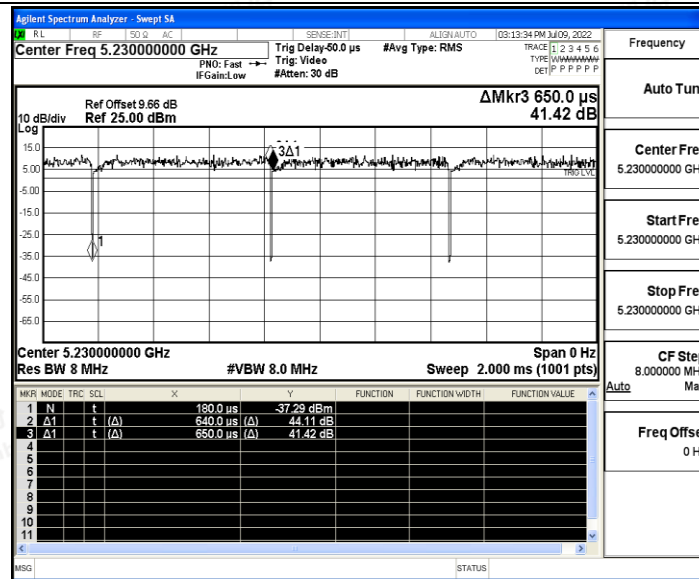


11AC40SISO_Ant1_5190

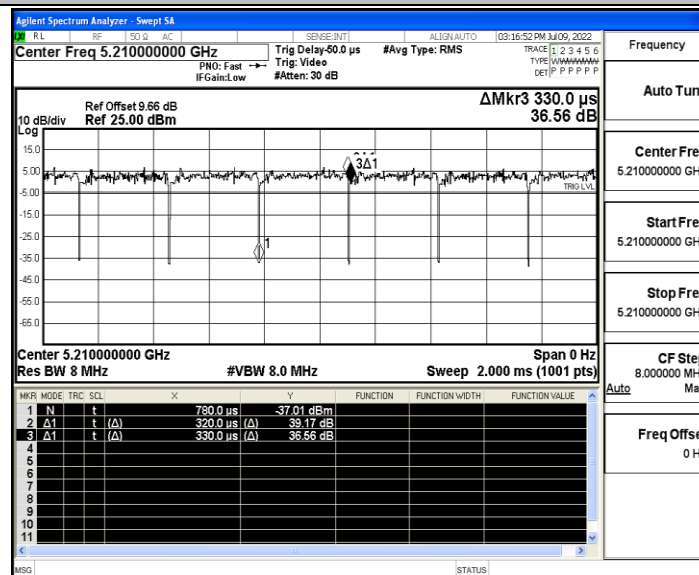


11AC40SISO_Ant1_5230



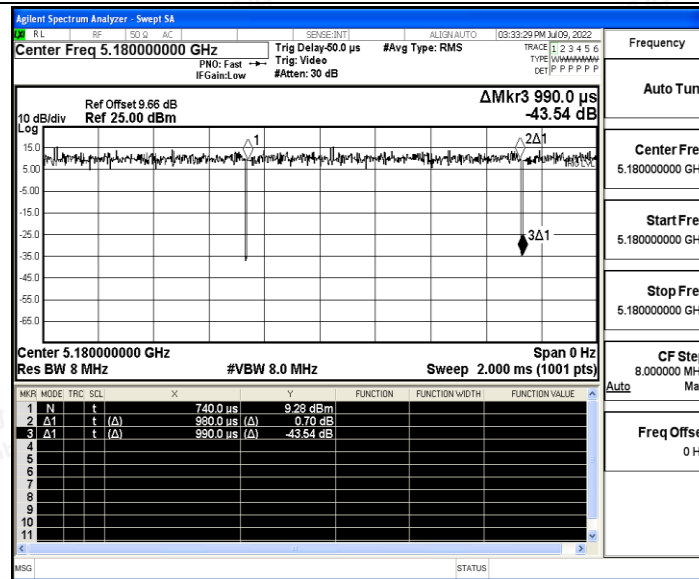


11AC80SISO_Ant1_5210

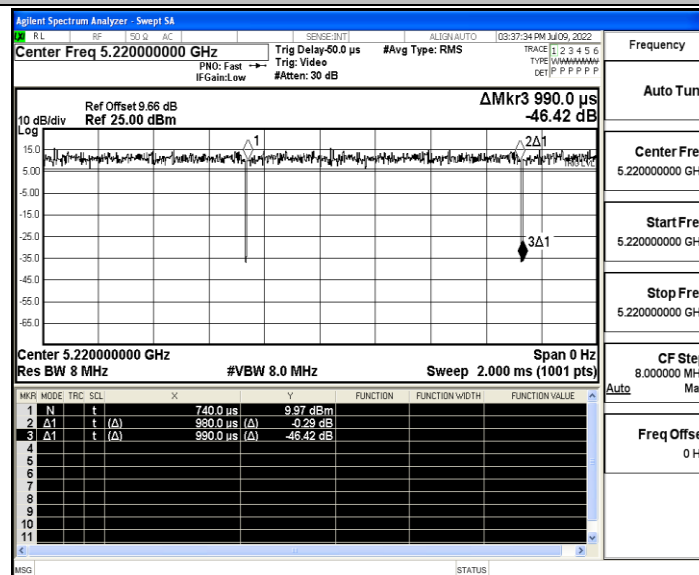


11AX20SISO_Ant1_5180



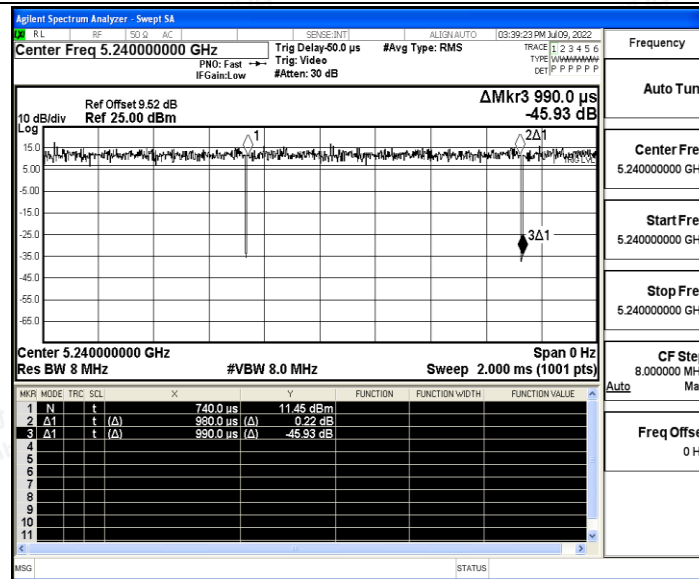


11AX20SISO_Ant1_5220

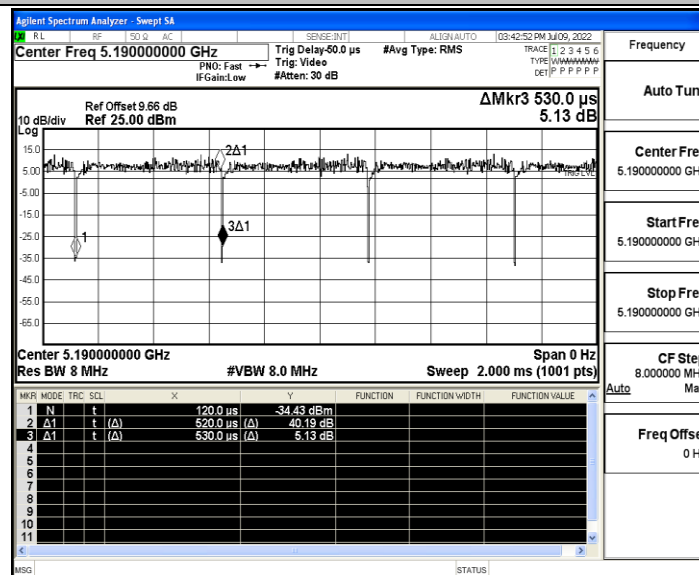


11AX20SISO_Ant1_5240



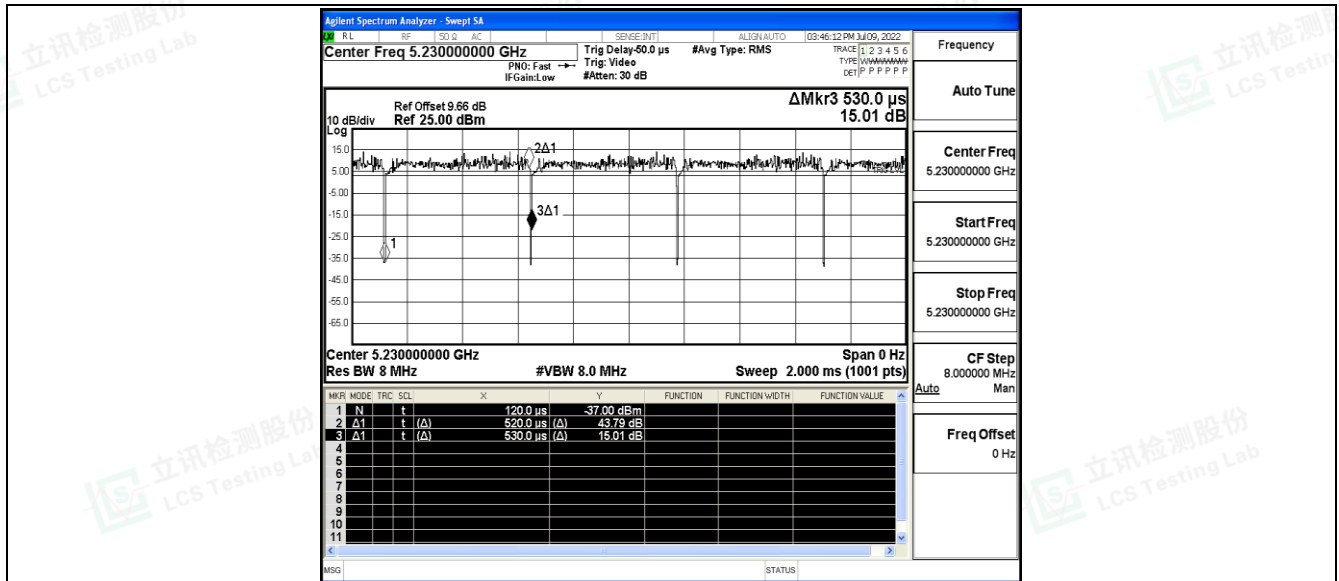


11AX40SISO_Ant1_5190



11AX40SISO_Ant1_5230





11AX80SISO_Ant1_5210

