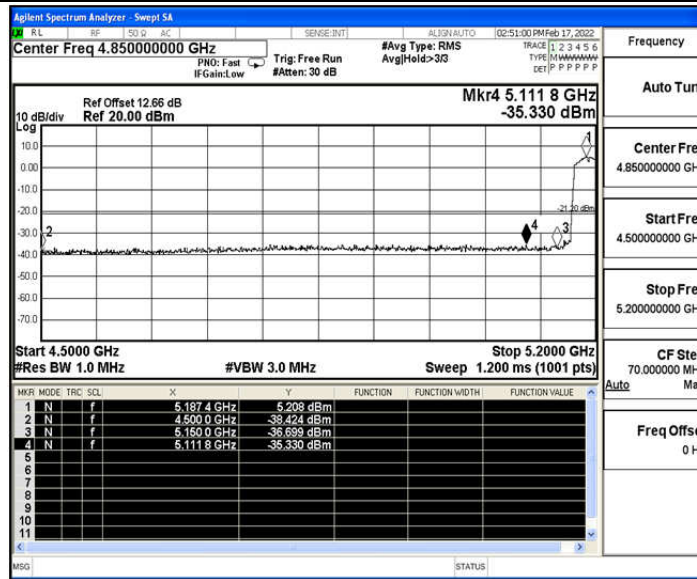
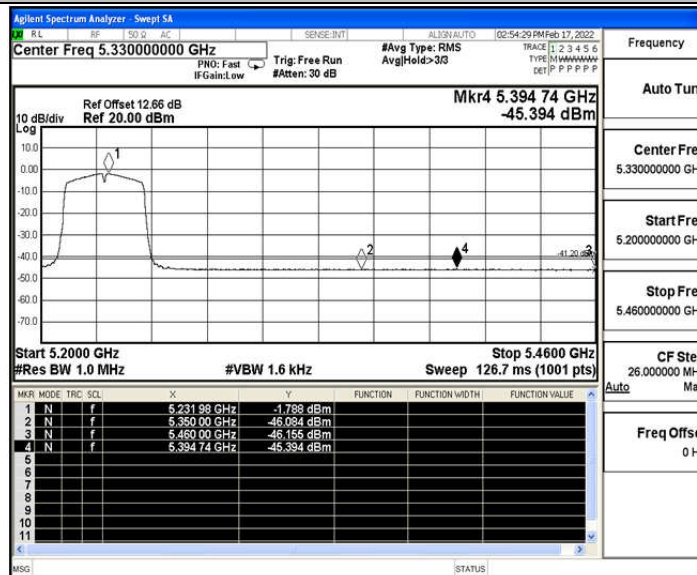
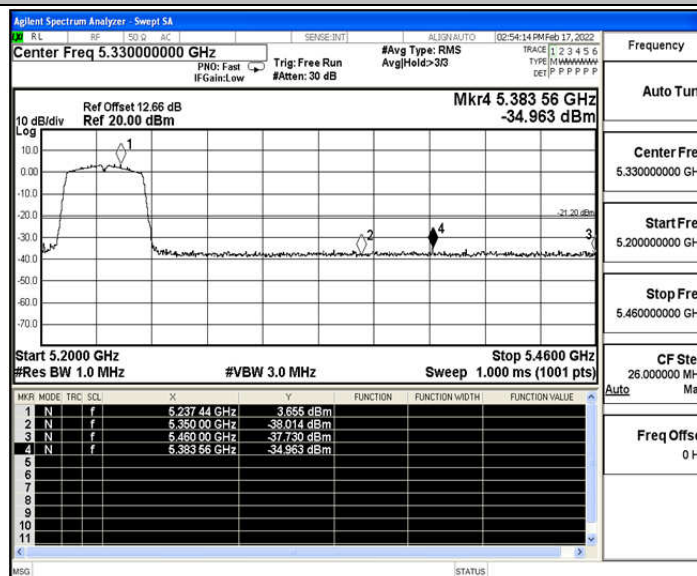




11AC40SISO_Ant0_High_5230_AV

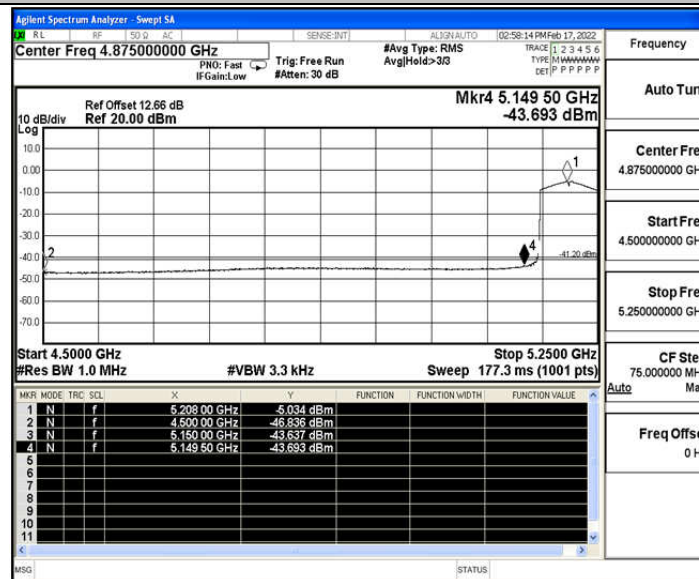


11AC40SISO_Ant0_High_5230_Peak

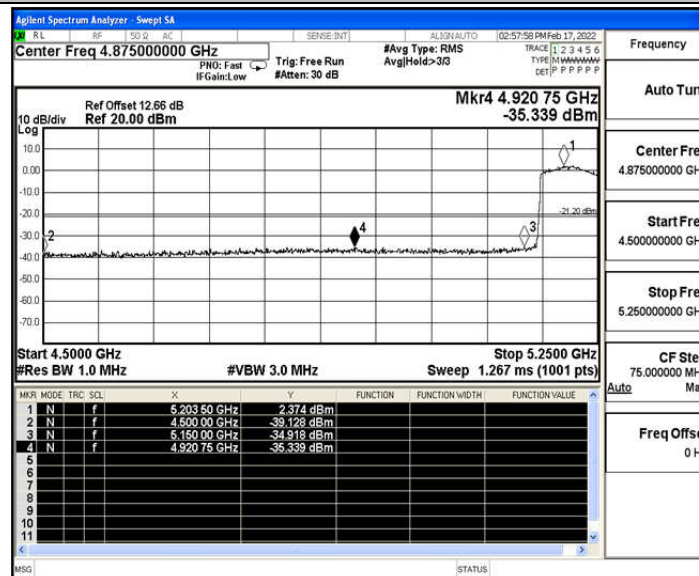




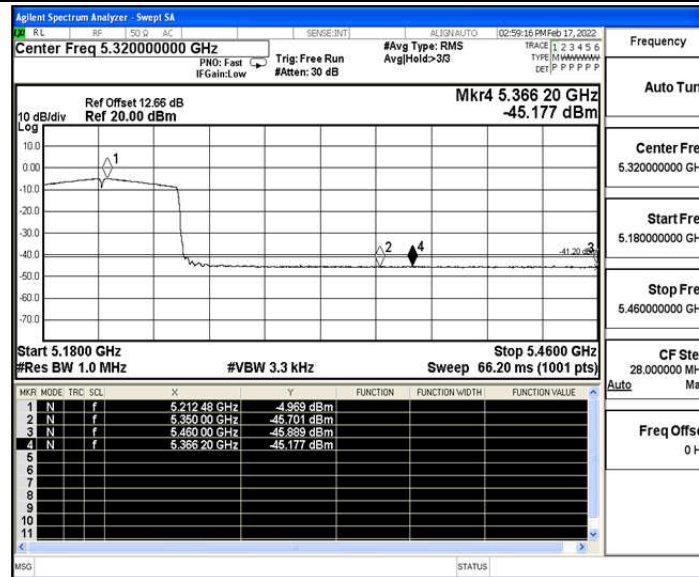
11AC80SISO_Ant0_Low_5210_AV



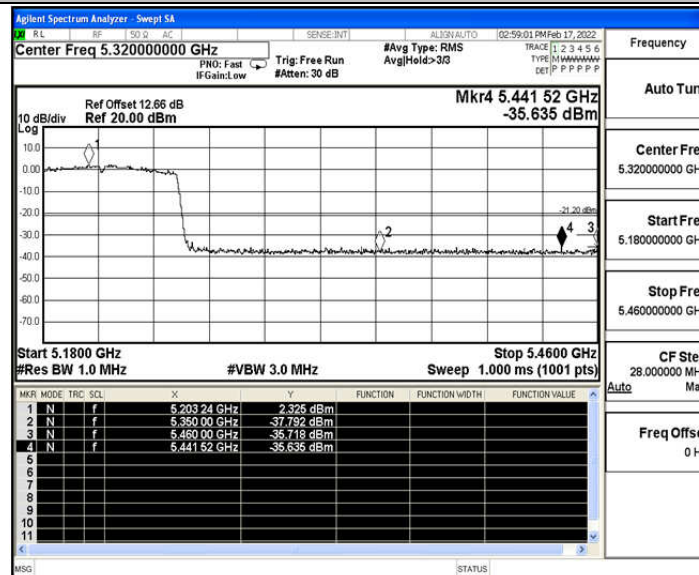
11AC80SISO_Ant0_Low_5210_Peak



11AC80SISO_Ant0_High_5210_AV



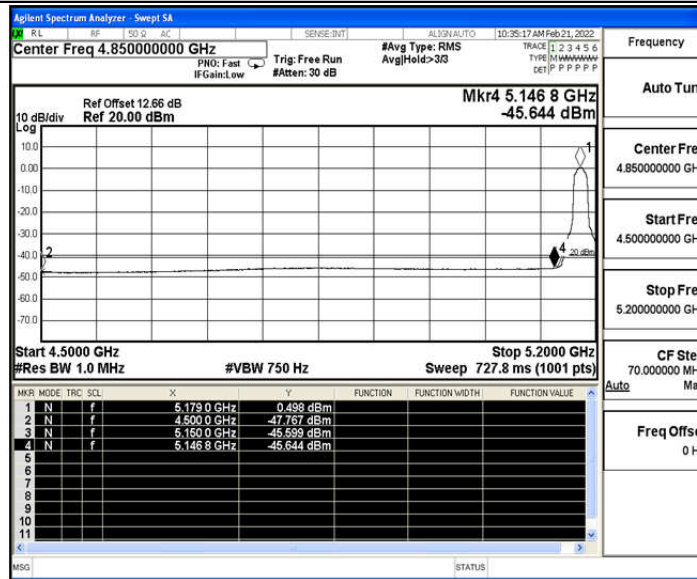
11AC80SISO_Ant0_High_5210_Peak



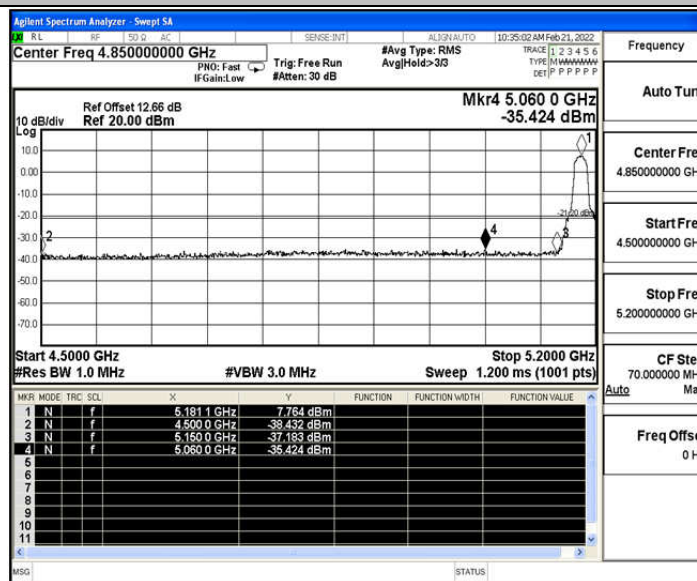


Test Graphs

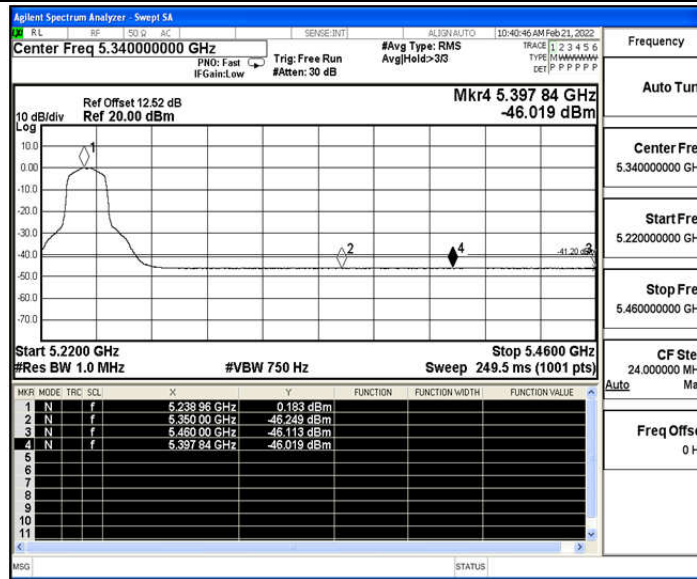
11A_Ant1_Low_5180_AV



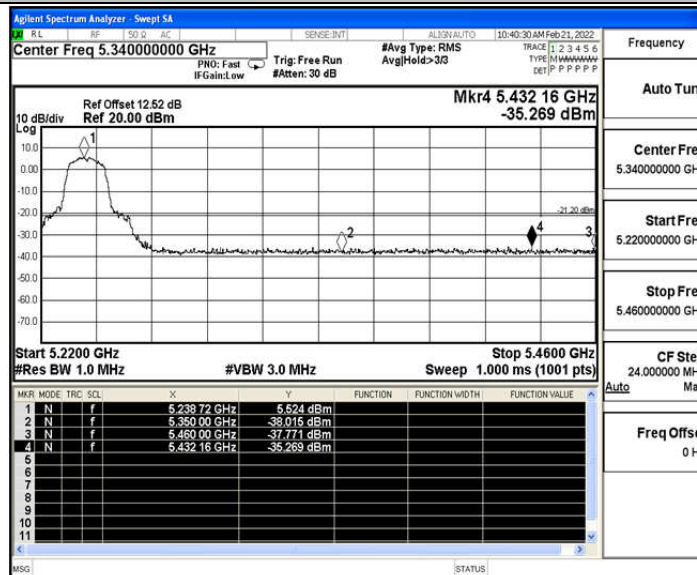
11A_Ant1_Low_5180_Peak



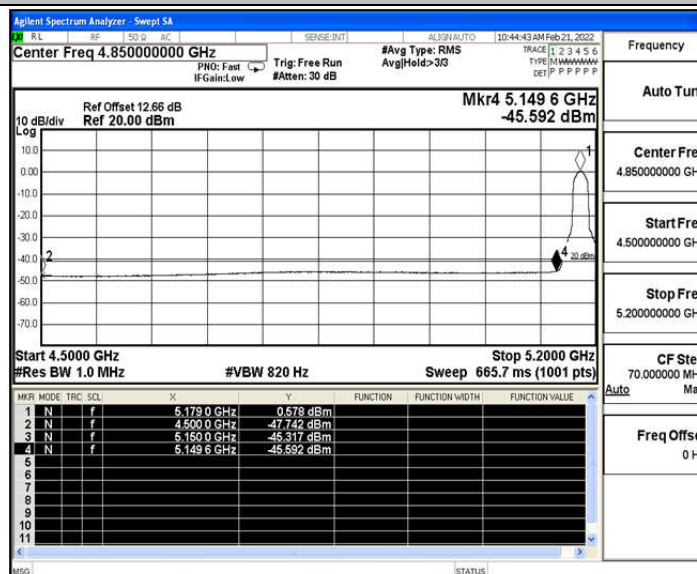
11A_Ant1_High_5240_AV



11A_Ant1_High_5240_Peak

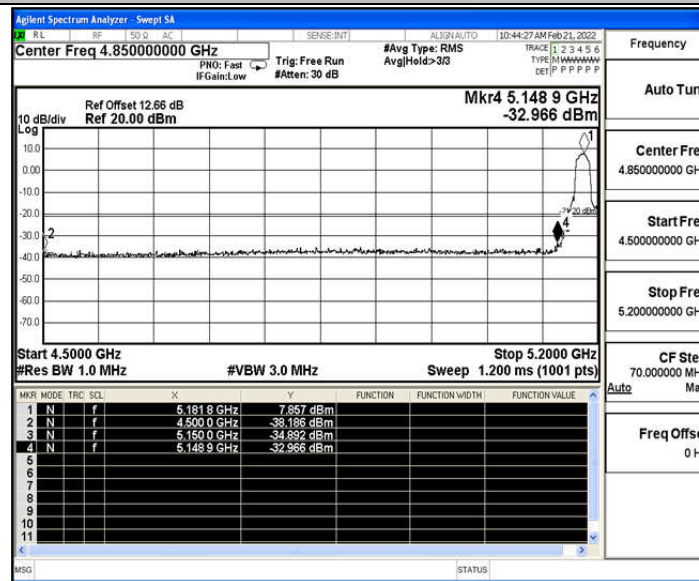


11N20SISO_Ant1_Low_5180_AV

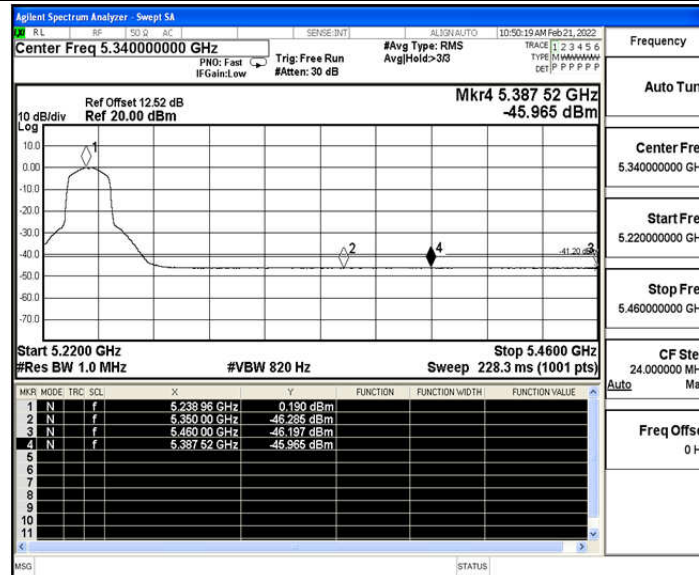




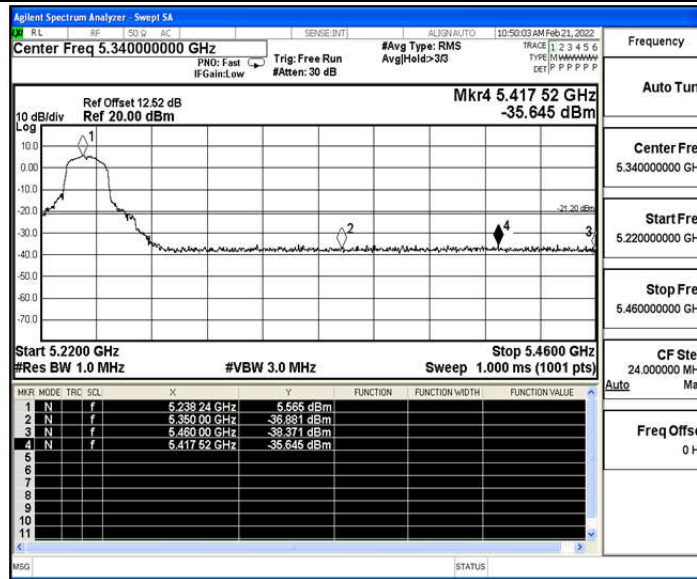
11N20SISO_Ant1_Low_5180_Peak



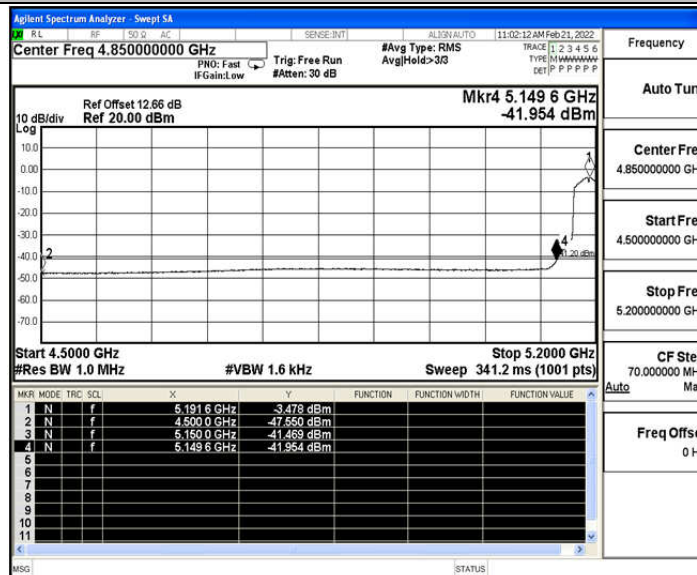
11N20SISO_Ant1_High_5240_AV



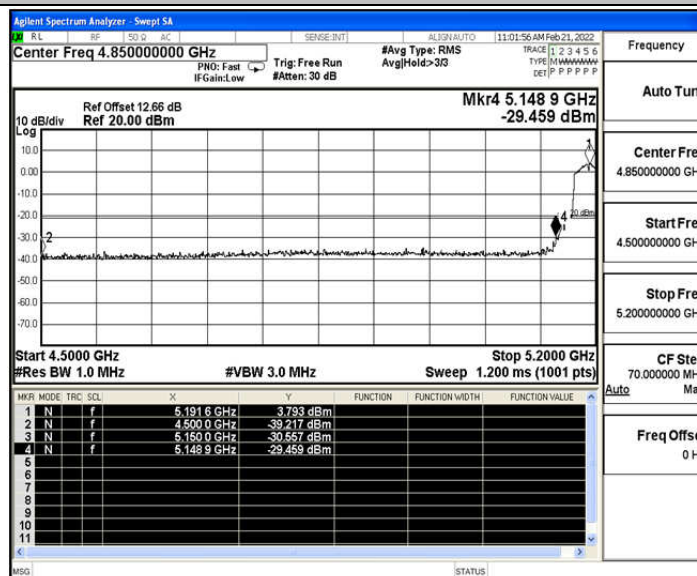
11N20SISO_Ant1_High_5240_Peak



11N40SISO_Ant1_Low_5190_AV

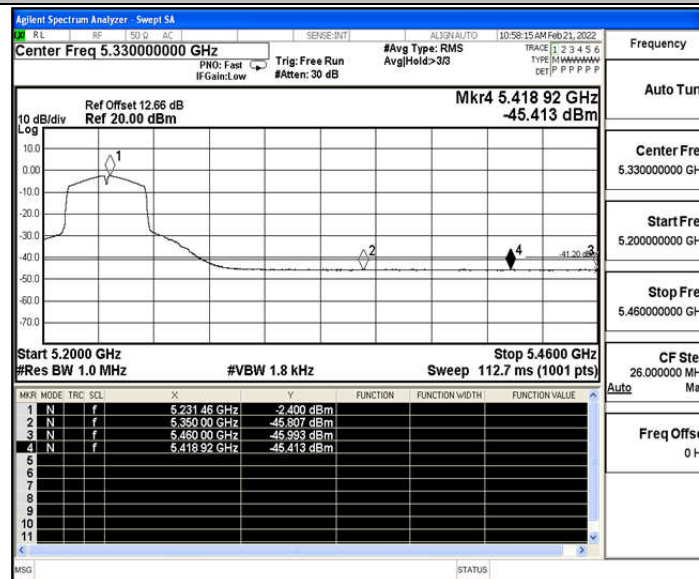


11N40SISO_Ant1_Low_5190_Peak

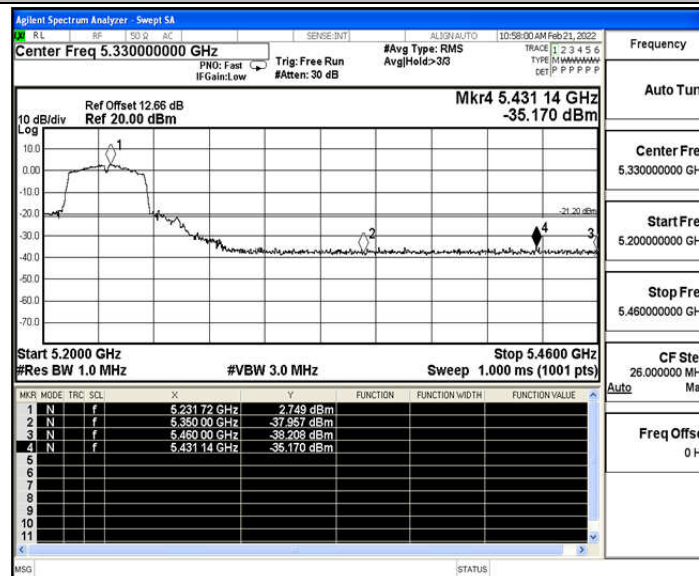




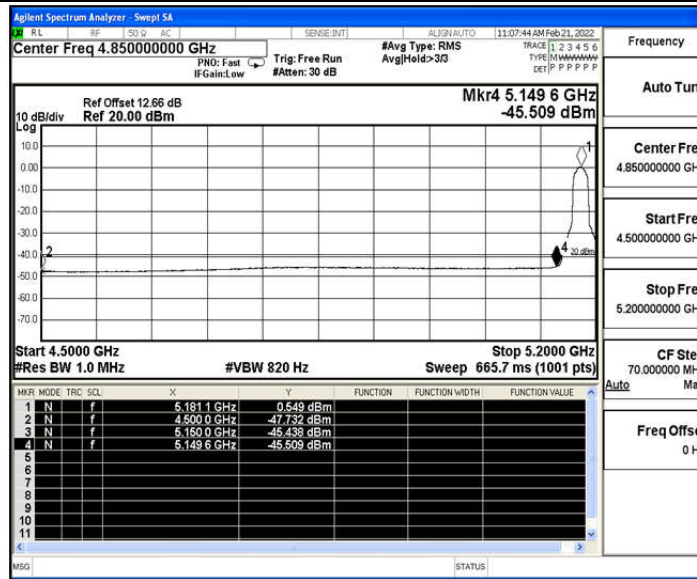
11N40SISO_Ant1_High_5230_AV



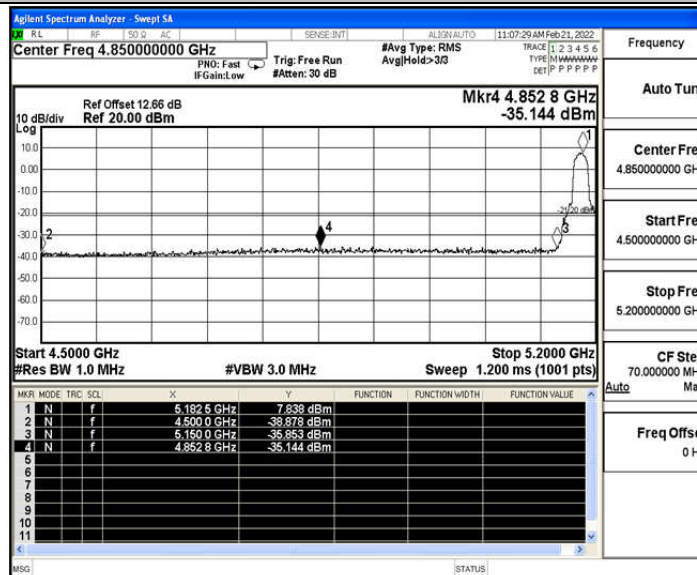
11N40SISO_Ant1_High_5230_Peak



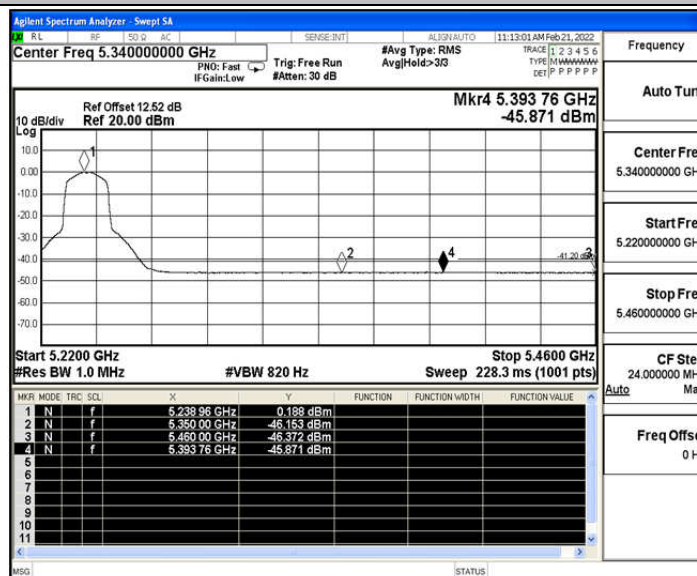
11AC20SISO_Ant1_Low_5180_AV



11AC20SISO_Ant1_Low_5180_Peak

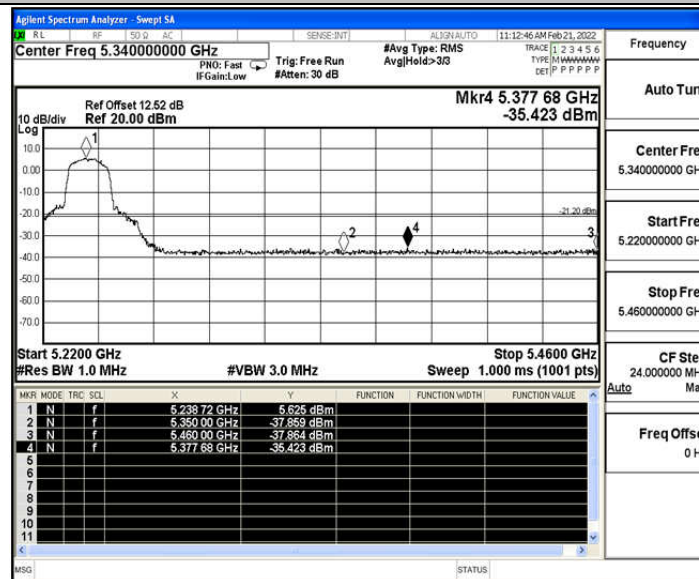


11AC20SISO_Ant1_High_5240_AV

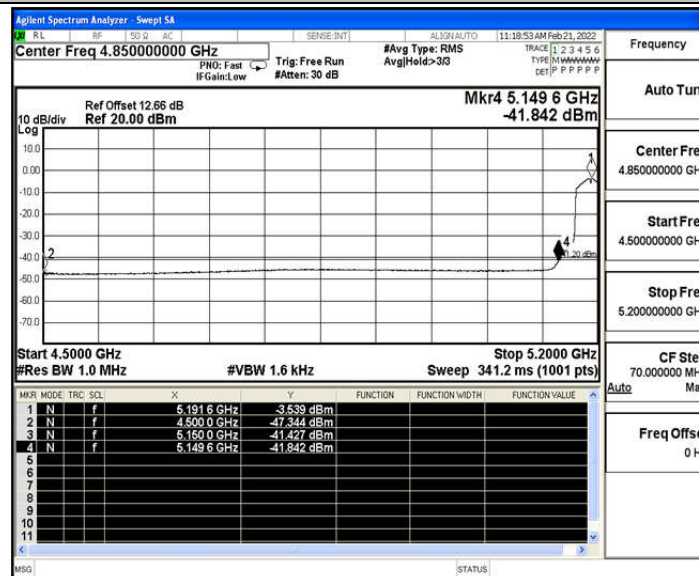




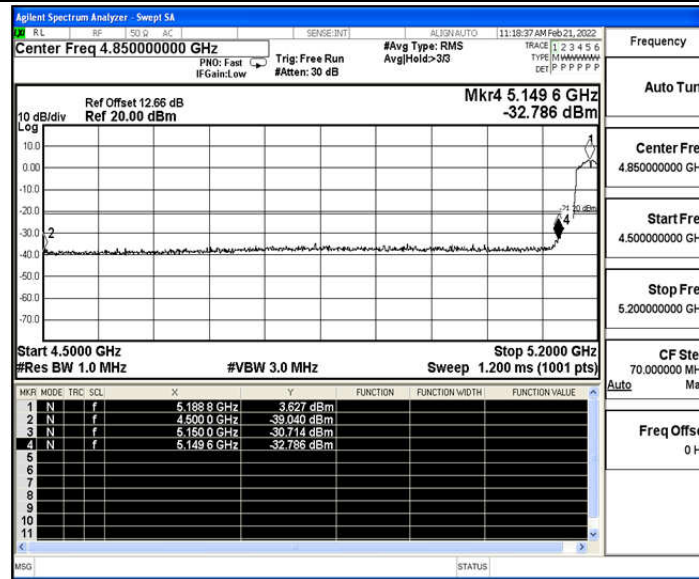
11AC20SISO_Ant1_High_5240_Peak



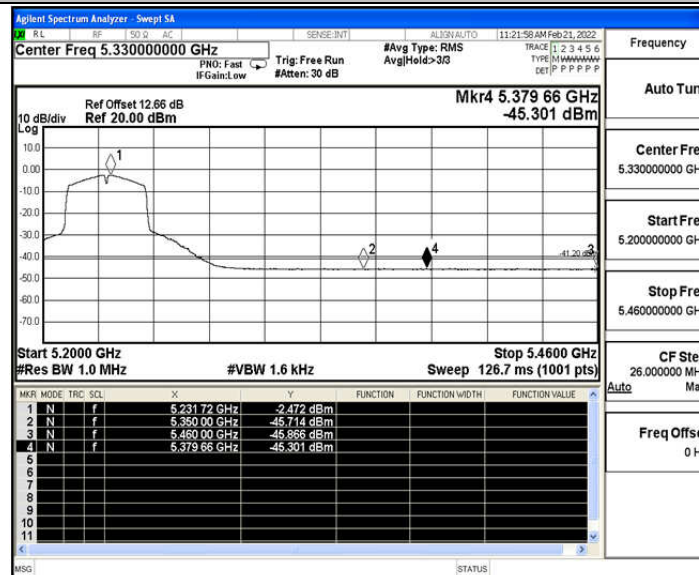
11AC40SISO_Ant1_Low_5190_AV



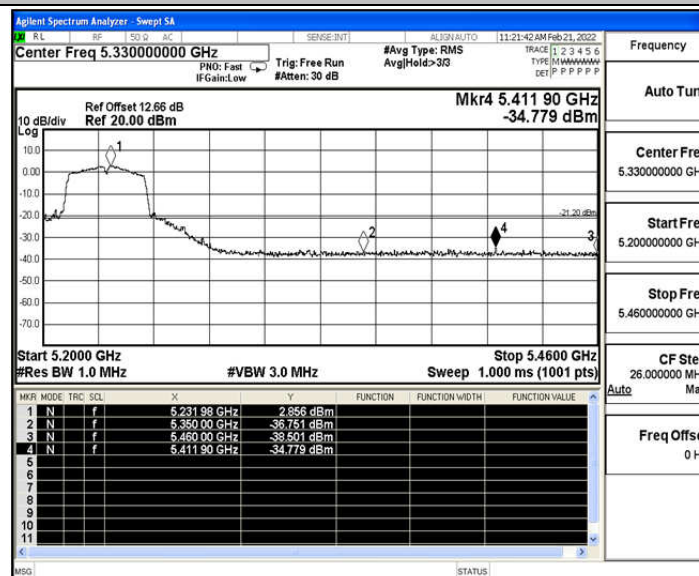
11AC40SISO_Ant1_Low_5190_Peak



11AC40SISO_Ant1_High_5230_AV

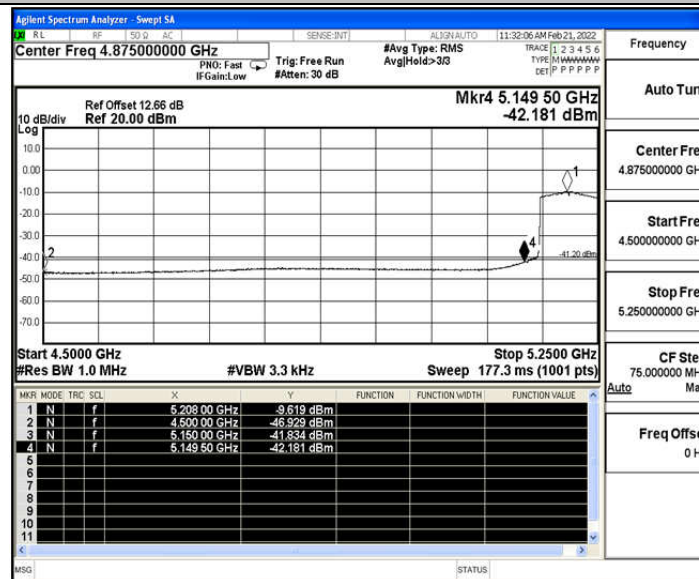


11AC40SISO_Ant1_High_5230_Peak

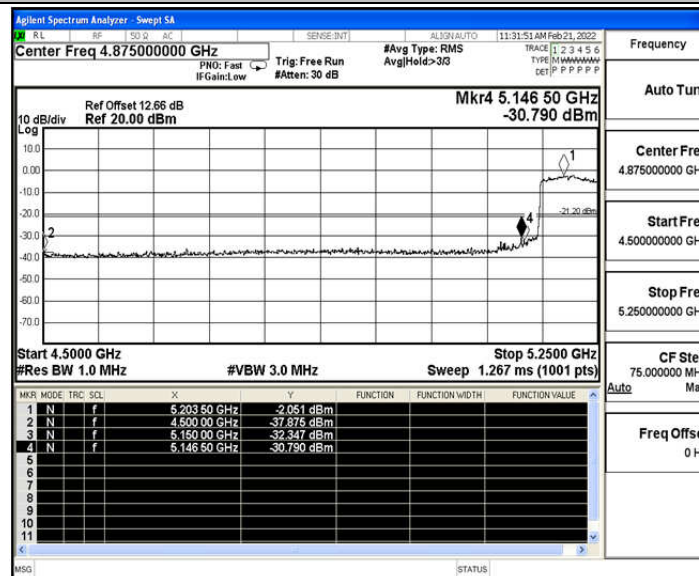




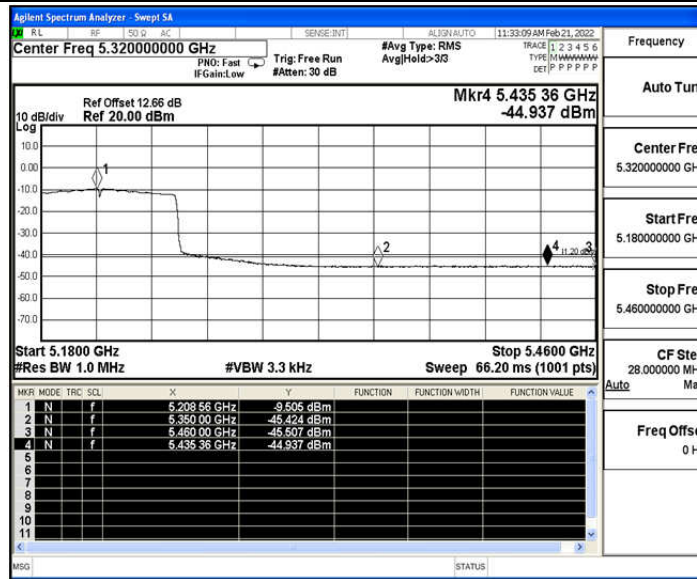
11AC80SISO_Ant1_Low_5210_AV



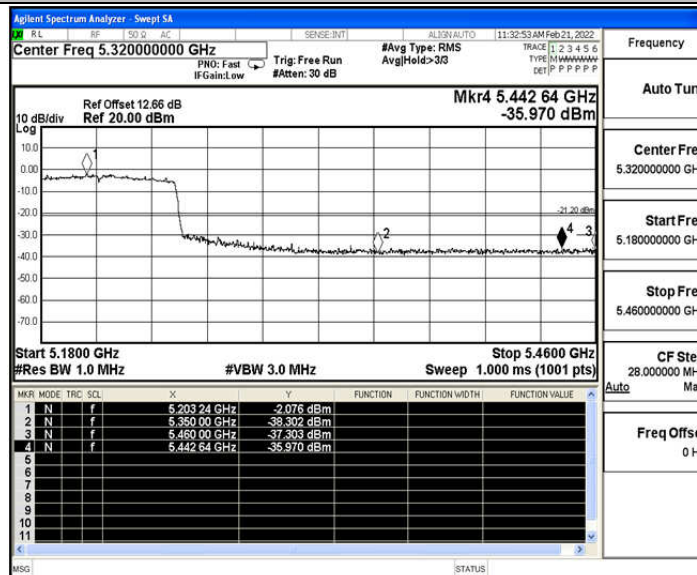
11AC80SISO_Ant1_Low_5210_Peak



11AC80SISO_Ant1_High_5210_AV



11AC80SISO_Ant1_High_5210_Peak





D.5 Frequency Stability

Test Result

Voltage								
TestMode	Antenna	Channel	Voltage [Vdc]	Temperature (°C)	Deviation (Hz)	Deviation (ppm)	Limit (ppm)	Verdict
11AC20SISO	Ant0	5180	NV	NT	-20000	-3.861004	20	PASS
			LV	NT	-20000	-3.861004	20	PASS
			HV	NT	-20000	-3.861004	20	PASS
		5220	NV	NT	-21000	-4.022989	20	PASS
			LV	NT	-21000	-4.022989	20	PASS
			HV	NT	-21000	-4.022989	20	PASS
		5240	NV	NT	-21000	-4.007634	20	PASS
			LV	NT	-21000	-4.007634	20	PASS
			HV	NT	-21000	-4.007634	20	PASS
11AC40SISO	Ant0	5190	NV	NT	-21000	-4.046243	20	PASS
			LV	NT	-21000	-4.046243	20	PASS
			HV	NT	-20000	-3.853565	20	PASS
		5230	NV	NT	-21000	-4.015296	20	PASS
			LV	NT	-21000	-4.015296	20	PASS
			HV	NT	-20000	-3.824092	20	PASS
11AC80SISO	Ant0	5210	NV	NT	-21000	-4.03071	20	PASS
			LV	NT	-21000	-4.03071	20	PASS
			HV	NT	-21000	-4.03071	20	PASS

Temperature								
TestMode	Antenna	Channel	Voltage [Vdc]	Temperature (°C)	Deviation (Hz)	Deviation (ppm)	Limit (ppm)	Verdict
11AC20SISO	Ant0	5180	NV	-30	-20000	-3.861004	20	PASS
			NV	-20	-20000	-3.861004	20	PASS
			NV	-10	-21000	-4.054054	20	PASS
			NV	0	-21000	-4.054054	20	PASS
			NV	10	-21000	-4.054054	20	PASS
			NV	20	-21000	-4.054054	20	PASS
			NV	30	-21000	-4.054054	20	PASS
			NV	40	-21000	-4.054054	20	PASS
			NV	50	-21000	-4.054054	20	PASS
		5220	NV	-30	-21000	-4.022989	20	PASS
			NV	-20	-21000	-4.022989	20	PASS
			NV	-10	-21000	-4.022989	20	PASS
			NV	0	-21000	-4.022989	20	PASS
			NV	10	-21000	-4.022989	20	PASS
			NV					



			NV	20	-21000	-4.022989	20	PASS
			NV	30	-21000	-4.022989	20	PASS
			NV	40	-21000	-4.022989	20	PASS
			NV	50	-20000	-3.831418	20	PASS
		5240	NV	-30	-21000	-4.007634	20	PASS
			NV	-20	-21000	-4.007634	20	PASS
			NV	-10	-20000	-3.816794	20	PASS
			NV	0	-21000	-4.007634	20	PASS
			NV	10	-21000	-4.007634	20	PASS
			NV	20	-21000	-4.007634	20	PASS
			NV	30	-21000	-4.007634	20	PASS
			NV	40	-20000	-3.816794	20	PASS
			NV	50	-20000	-3.816794	20	PASS
11AC40SIS O	Ant0	5190	NV	-30	-20000	-3.853565	20	PASS
			NV	-20	-21000	-4.046243	20	PASS
			NV	-10	-20000	-3.853565	20	PASS
			NV	0	-20000	-3.853565	20	PASS
			NV	10	-20000	-3.853565	20	PASS
			NV	20	-20000	-3.853565	20	PASS
			NV	30	-20000	-3.853565	20	PASS
			NV	40	-20000	-3.853565	20	PASS
		5230	NV	50	-20000	-3.853565	20	PASS
			NV	-30	-20000	-3.824092	20	PASS
			NV	-20	-20000	-3.824092	20	PASS
			NV	-10	-20000	-3.824092	20	PASS
			NV	0	-20000	-3.824092	20	PASS
			NV	10	-20000	-3.824092	20	PASS
			NV	20	-20000	-3.824092	20	PASS
			NV	30	-20000	-3.824092	20	PASS
11AC80SIS O	Ant0	5210	NV	40	-20000	-3.824092	20	PASS
			NV	50	-20000	-3.824092	20	PASS
			NV	-30	-21000	-4.03071	20	PASS
			NV	-20	-20000	-3.838772	20	PASS
			NV	-10	-20000	-3.838772	20	PASS
			NV	0	-20000	-3.838772	20	PASS
			NV	10	-20000	-3.838772	20	PASS
			NV	20	-20000	-3.838772	20	PASS
			NV	30	-20000	-3.838772	20	PASS



Test Result

Voltage								
TestMode	Antenna	Channel	Voltage [Vdc]	Temperature (°C)	Deviation (Hz)	Deviation (ppm)	Limit (ppm)	Verdict
11AC20SISO	Ant1	5180	NV	NT	-3000	-0.579151	20	PASS
			LV	NT	-3000	-0.579151	20	PASS
			HV	NT	-3000	-0.579151	20	PASS
		5220	NV	NT	-3000	-0.574713	20	PASS
			LV	NT	-3000	-0.574713	20	PASS
			HV	NT	-3000	-0.574713	20	PASS
		5240	NV	NT	-3000	-0.572519	20	PASS
			LV	NT	-3000	-0.572519	20	PASS
			HV	NT	-3000	-0.572519	20	PASS
11AC40SISO	Ant1	5190	NV	NT	-3000	-0.578035	20	PASS
			LV	NT	-3000	-0.578035	20	PASS
			HV	NT	-3000	-0.578035	20	PASS
		5230	NV	NT	-4000	-0.764818	20	PASS
			LV	NT	-4000	-0.764818	20	PASS
			HV	NT	-3000	-0.573614	20	PASS
11AC80SISO	Ant1	5210	NV	NT	-3000	-0.575816	20	PASS
			LV	NT	-3000	-0.575816	20	PASS
			HV	NT	-3000	-0.575816	20	PASS

Temperature								
TestMode	Antenna	Channel	Voltage [Vdc]	Temperature (°C)	Deviation (Hz)	Deviation (ppm)	Limit (ppm)	Verdict
11AC20SISO	Ant1	5180	NV	-30	-3000	-0.579151	20	PASS
			NV	-20	-3000	-0.579151	20	PASS
			NV	-10	-3000	-0.579151	20	PASS
			NV	0	-3000	-0.579151	20	PASS
			NV	10	-3000	-0.579151	20	PASS
			NV	20	-3000	-0.579151	20	PASS
			NV	30	-3000	-0.579151	20	PASS
			NV	40	-4000	-0.772201	20	PASS
			NV	50	-3000	-0.579151	20	PASS
		5220	NV	-30	-4000	-0.766284	20	PASS
			NV	-20	-3000	-0.574713	20	PASS
			NV	-10	-3000	-0.574713	20	PASS
			NV	0	-3000	-0.574713	20	PASS
			NV	10	-3000	-0.574713	20	PASS
			NV	20	-3000	-0.574713	20	PASS
			NV	30	-4000	-0.766284	20	PASS



			NV	40	-3000	-0.574713	20	PASS
			NV	50	-3000	-0.574713	20	PASS
		5240	NV	-30	-4000	-0.763359	20	PASS
			NV	-20	-3000	-0.572519	20	PASS
			NV	-10	-3000	-0.572519	20	PASS
			NV	0	-4000	-0.763359	20	PASS
			NV	10	-3000	-0.572519	20	PASS
			NV	20	-3000	-0.572519	20	PASS
			NV	30	-3000	-0.572519	20	PASS
			NV	40	-3000	-0.572519	20	PASS
			NV	50	-3000	-0.572519	20	PASS
11AC40SIS O	Ant1	5190	NV	-30	-3000	-0.578035	20	PASS
			NV	-20	-3000	-0.578035	20	PASS
			NV	-10	-3000	-0.578035	20	PASS
			NV	0	-3000	-0.578035	20	PASS
			NV	10	-3000	-0.578035	20	PASS
			NV	20	-3000	-0.578035	20	PASS
			NV	30	-3000	-0.578035	20	PASS
			NV	40	-3000	-0.578035	20	PASS
			NV	50	-3000	-0.578035	20	PASS
		5230	NV	-30	-3000	-0.573614	20	PASS
			NV	-20	-3000	-0.573614	20	PASS
			NV	-10	-3000	-0.573614	20	PASS
			NV	0	-3000	-0.573614	20	PASS
			NV	10	-3000	-0.573614	20	PASS
			NV	20	-3000	-0.573614	20	PASS
			NV	30	-3000	-0.573614	20	PASS
			NV	40	-3000	-0.573614	20	PASS
			NV	50	-3000	-0.573614	20	PASS
11AC80SIS O	Ant1	5210	NV	-30	-3000	-0.575816	20	PASS
			NV	-20	-3000	-0.575816	20	PASS
			NV	-10	-3000	-0.575816	20	PASS
			NV	0	-3000	-0.575816	20	PASS
			NV	10	-4000	-0.767754	20	PASS
			NV	20	-3000	-0.575816	20	PASS
			NV	30	-3000	-0.575816	20	PASS
			NV	40	-3000	-0.575816	20	PASS
			NV	50	-3000	-0.575816	20	PASS



D.6 Duty Cycle

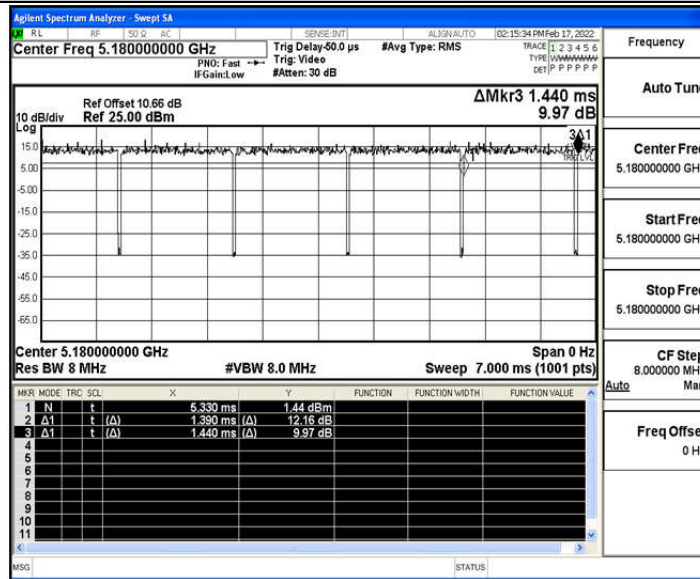
Test Result

TestMode	Antenna	Channel	Transmission Duration [ms]	Transmission Period [ms]	Duty Cycle [%]	Limit	Verdict
11A	Ant0	5180	1.39	1.44	96.53	---	---
		5220	1.38	1.43	96.50	---	---
		5240	1.39	1.43	97.20	---	---
11N20SISO	Ant0	5180	1.30	1.34	97.01	---	---
		5220	1.29	1.34	96.27	---	---
		5240	1.31	1.35	97.04	---	---
11N40SISO	Ant0	5190	0.64	0.69	92.75	---	---
		5230	0.65	0.69	94.20	---	---
11AC20SISO	Ant0	5180	1.31	1.36	96.32	---	---
		5220	1.31	1.36	96.32	---	---
		5240	1.31	1.36	96.32	---	---
11AC40SISO	Ant0	5190	0.65	0.69	94.20	---	---
		5230	0.65	0.70	92.86	---	---
11AC80SISO	Ant0	5210	0.33	0.37	89.19	---	---

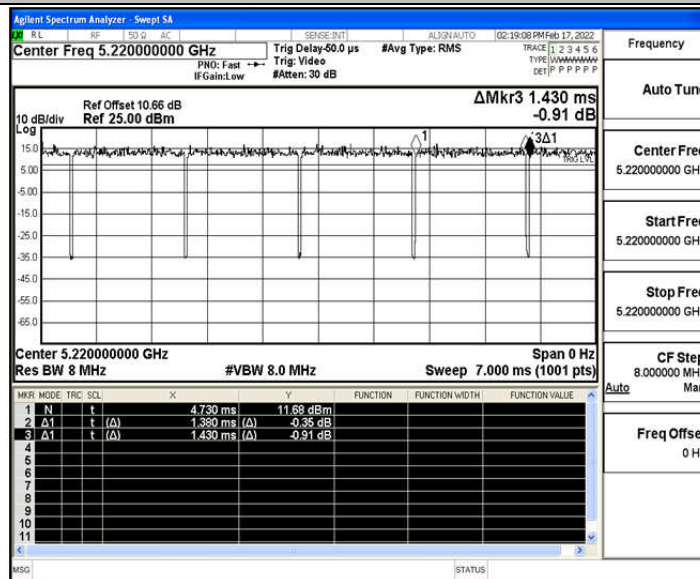


Test Graphs

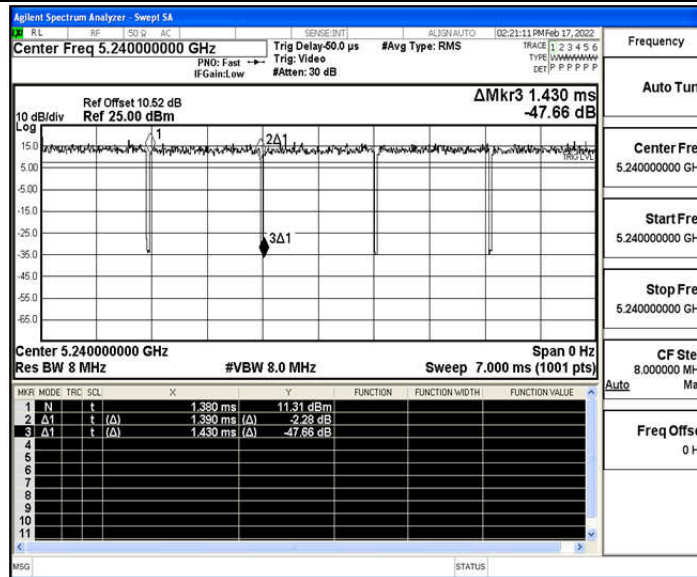
11A_Ant0_5180



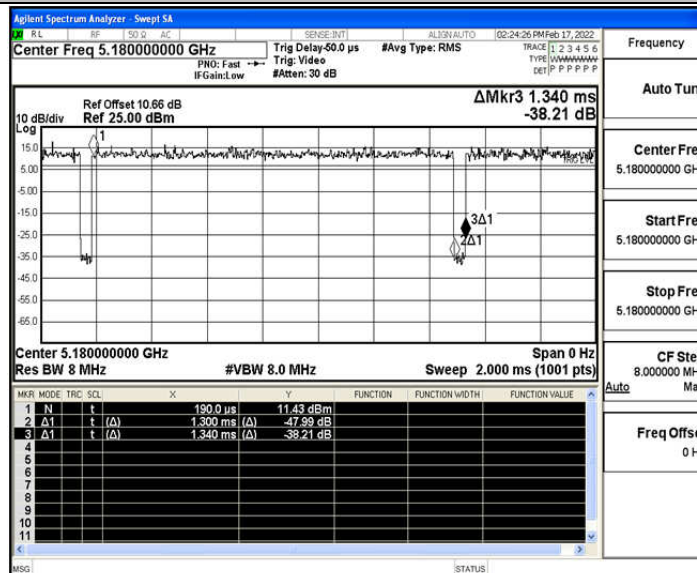
11A_Ant0_5220



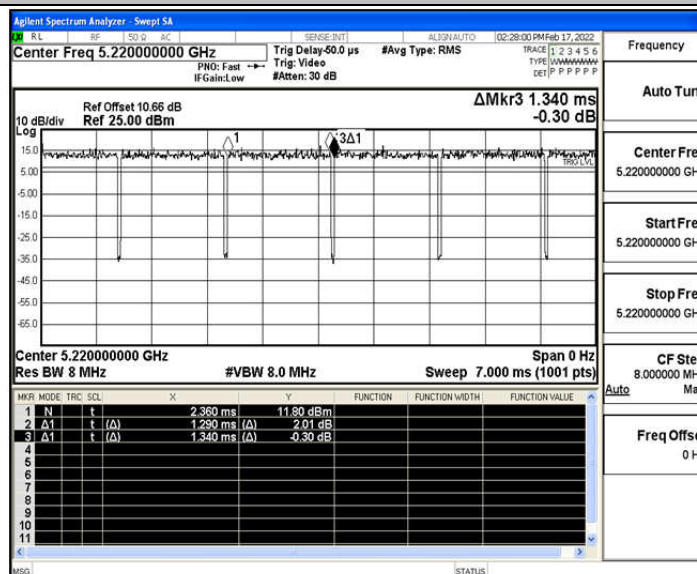
11A_Ant0_5240



11N20SISO_Ant0_5180

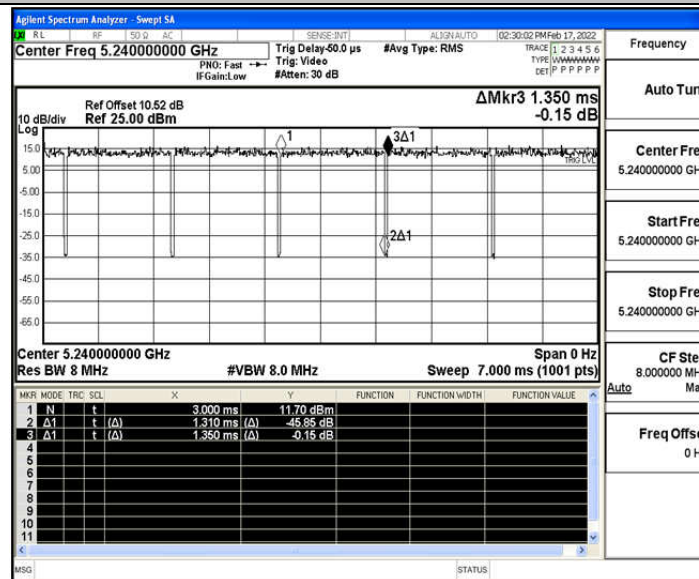


11N20SISO_Ant0_5220

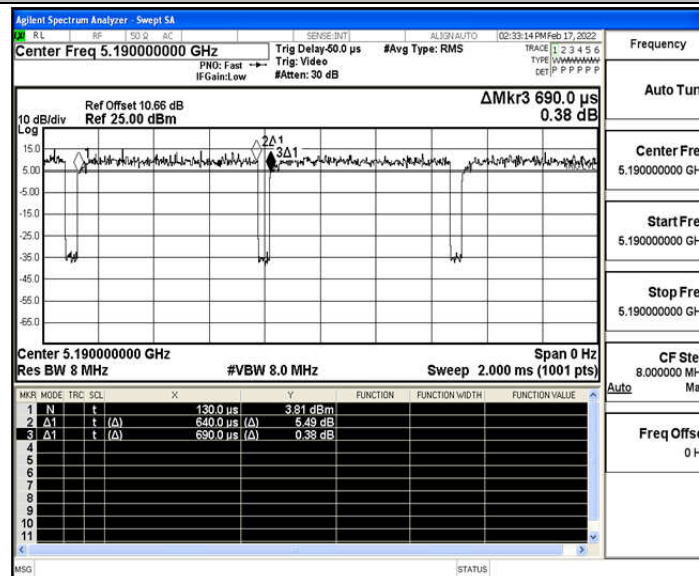




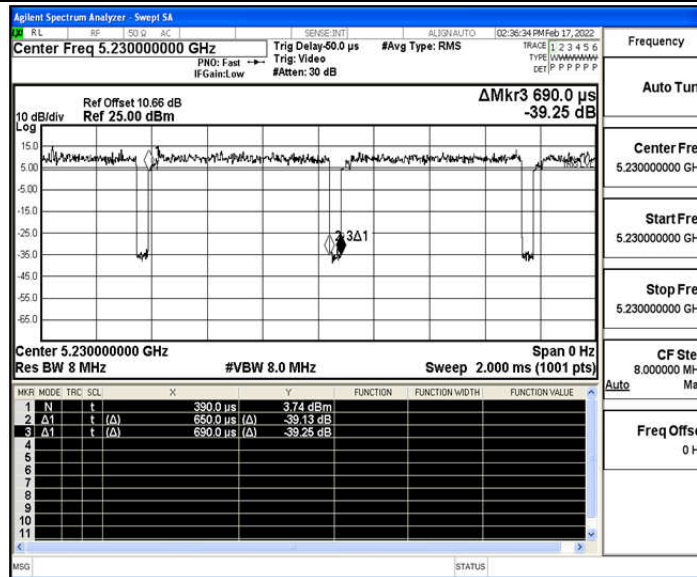
11N20SISO_Ant0_5240



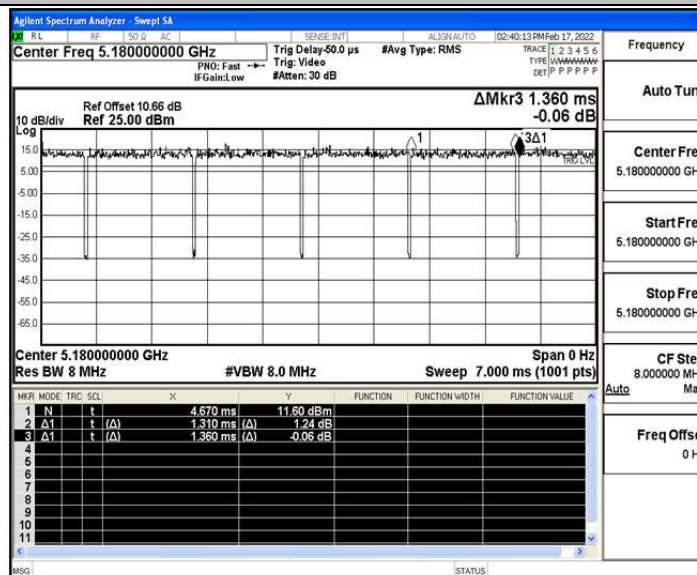
11N40SISO_Ant0_5190



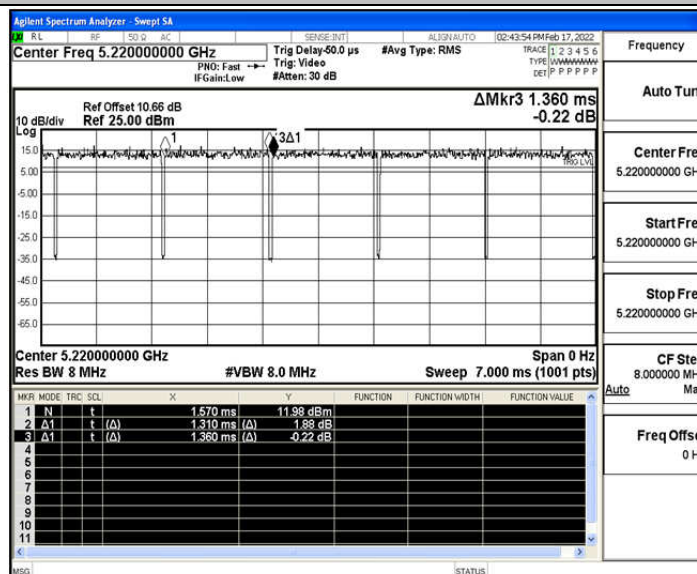
11N40SISO_Ant0_5230



11AC20SISO_Ant0_5180

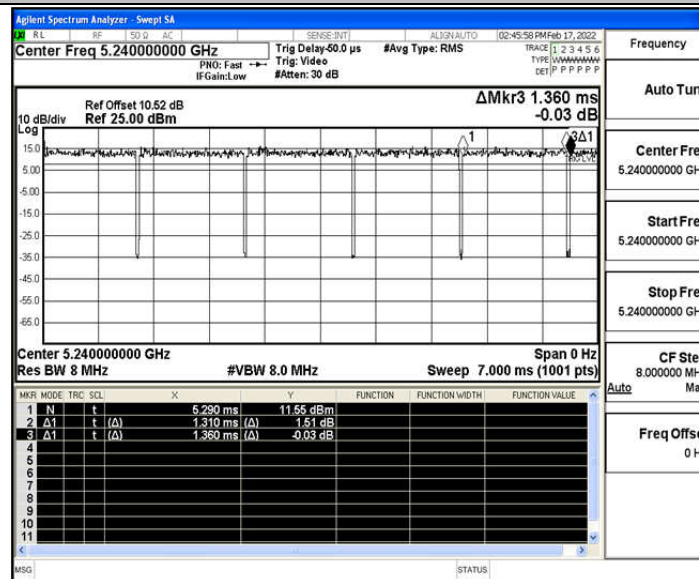


11AC20SISO_Ant0_5220

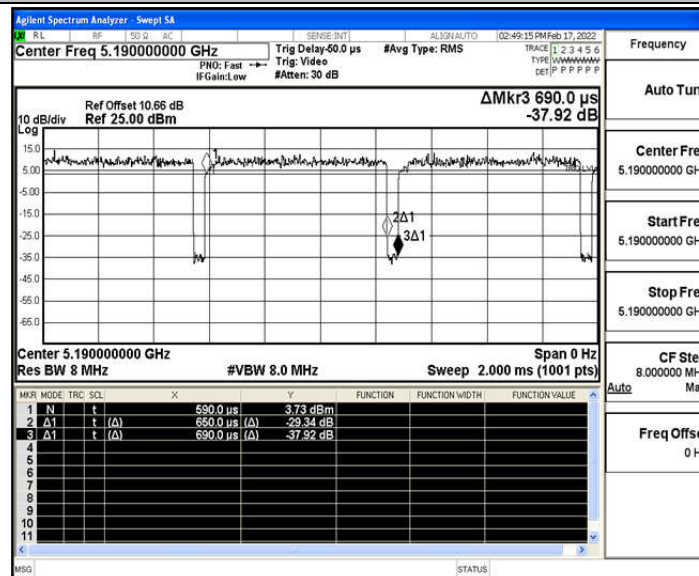




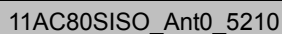
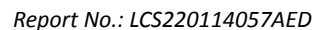
11AC20SISO_Ant0_5240



11AC40SISO_Ant0_5190



11AC40SISO_Ant0_5230





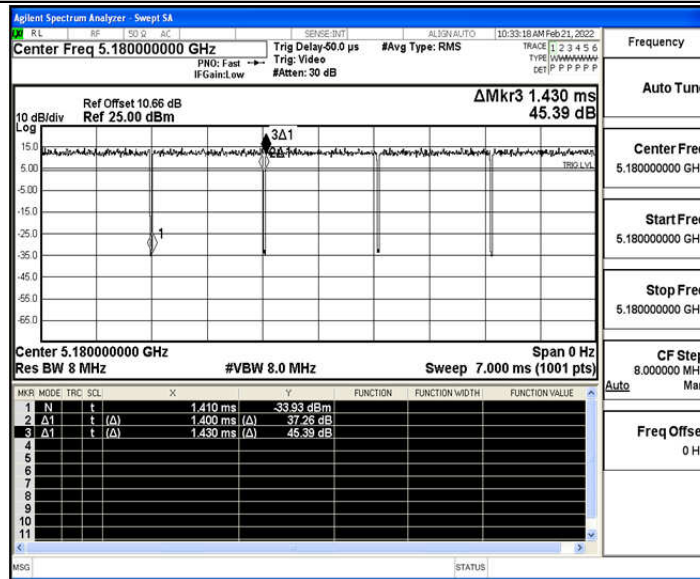
Test Result

TestMode	Antenna	Channel	Transmission Duration [ms]	Transmission Period [ms]	Duty Cycle [%]	Limit	Verdict
11A	Ant1	5180	1.40	1.43	97.90	---	---
		5220	1.39	1.43	97.20	---	---
		5240	1.40	1.43	97.90	---	---
11N20SISO	Ant1	5180	1.29	1.34	96.27	---	---
		5220	1.30	1.34	97.01	---	---
		5240	1.30	1.33	97.74	---	---
11N40SISO	Ant1	5190	0.65	0.68	95.59	---	---
		5230	0.64	0.68	94.12	---	---
11AC20SISO	Ant1	5180	1.31	1.35	97.04	---	---
		5220	1.32	1.35	97.78	---	---
		5240	1.32	1.35	97.78	---	---
11AC40SISO	Ant1	5190	0.65	0.69	94.20	---	---
		5230	0.65	0.69	94.20	---	---
11AC80SISO	Ant1	5210	0.32	0.36	88.89	---	---

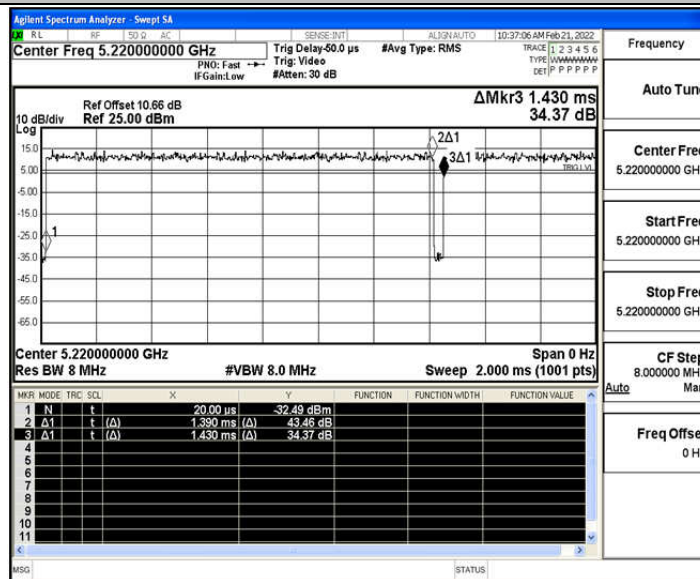


Test Graphs

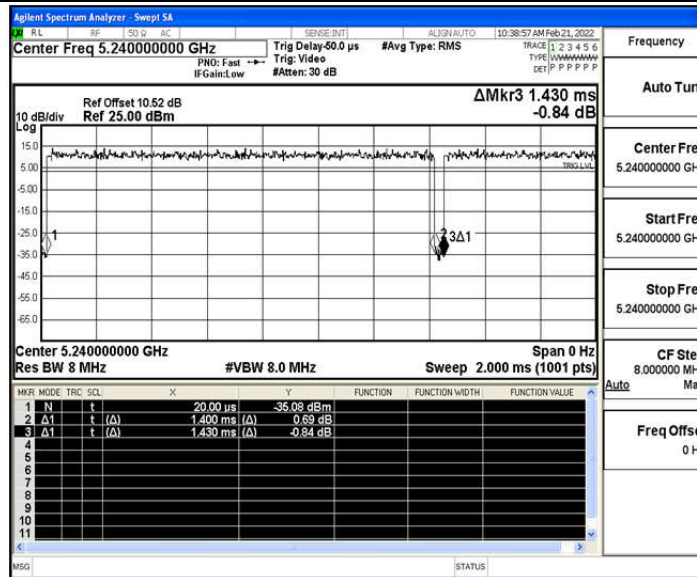
11A_Ant1_5180



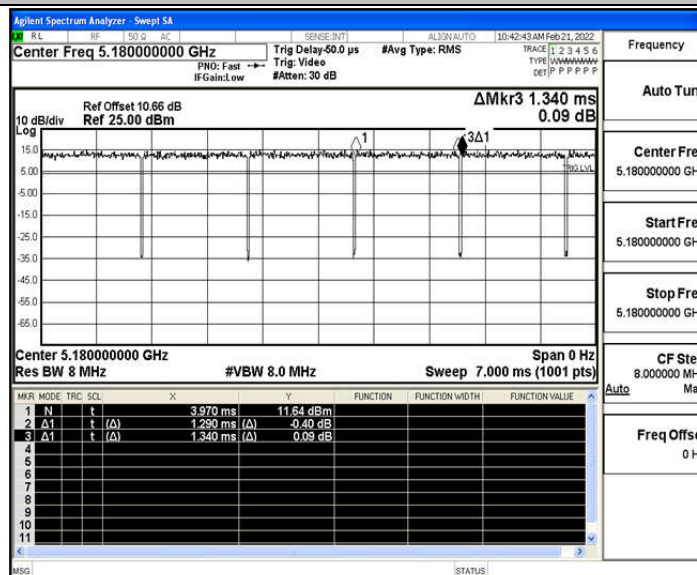
11A_Ant1_5220



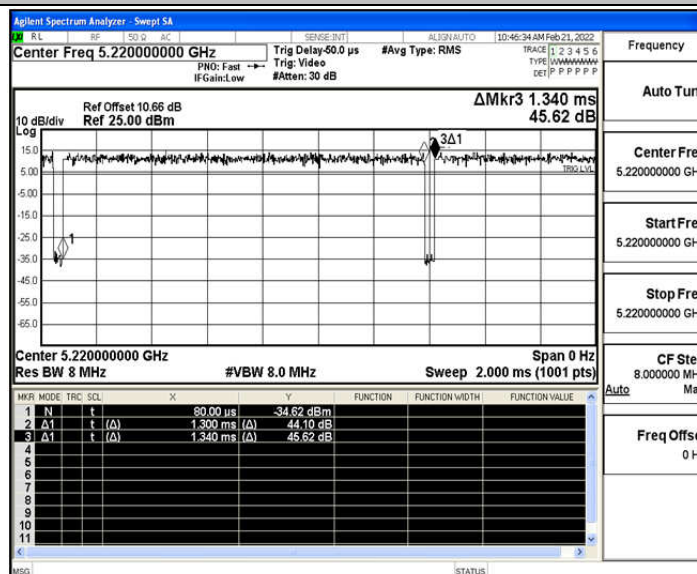
11A_Ant1_5240



11N20SISO_Ant1_5180

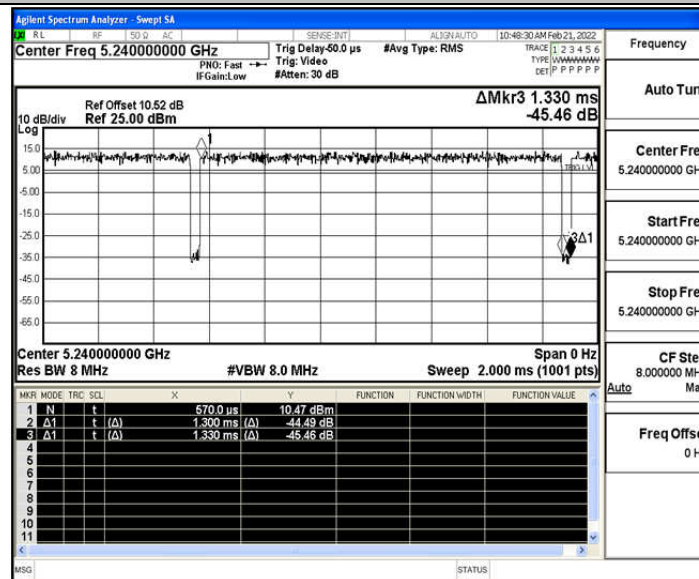


11N20SISO_Ant1_5220

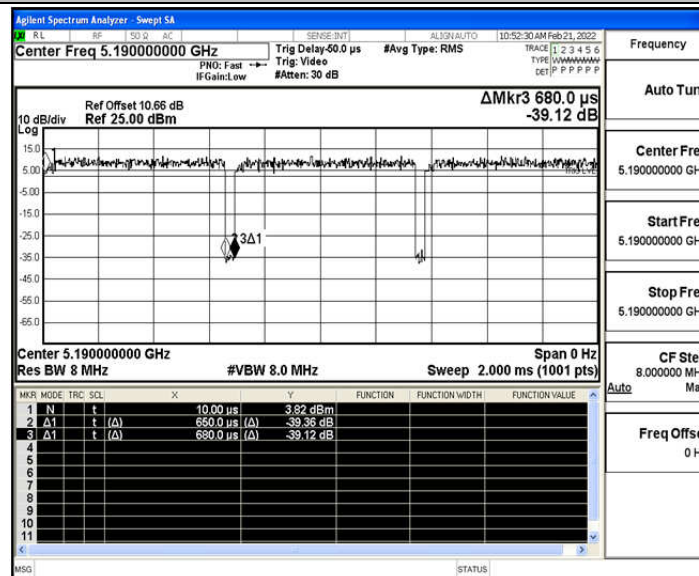




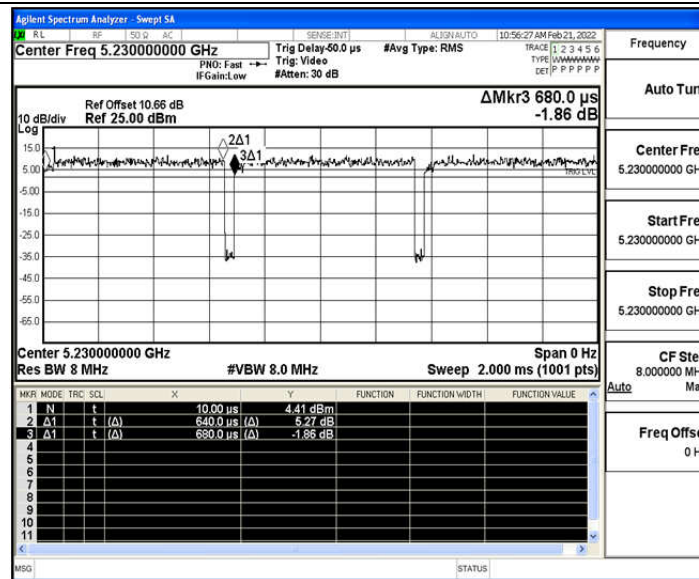
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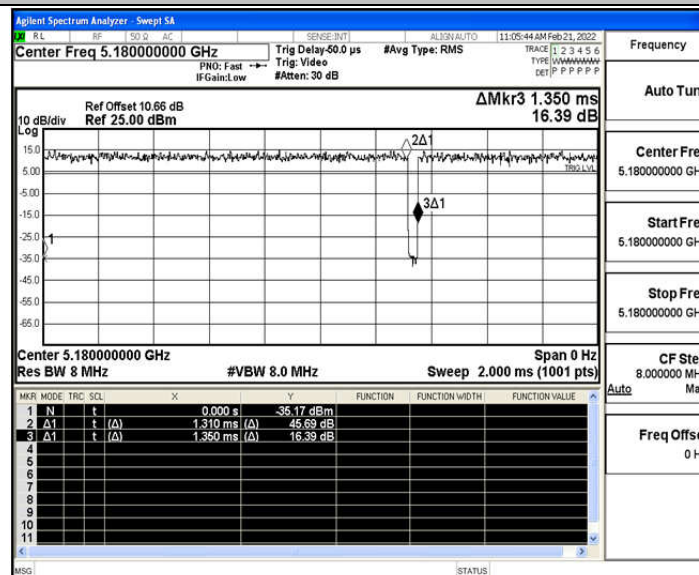
11N40SISO_Ant1_5190



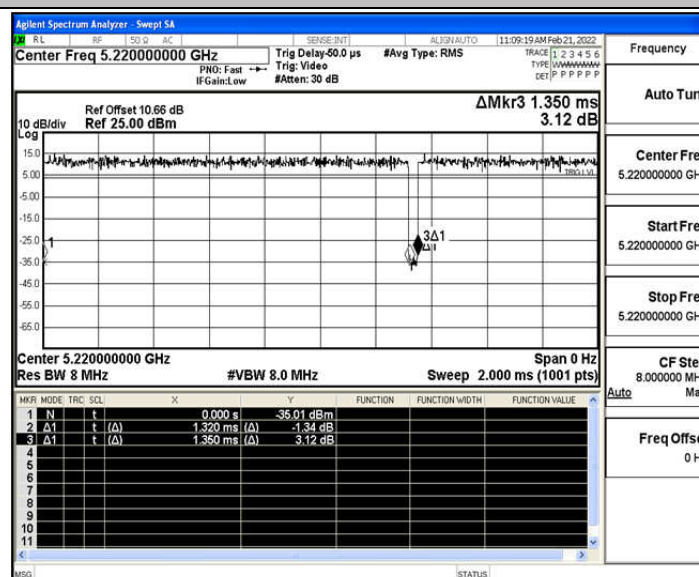
11N40SISO_Ant1_5230



11AC20SISO_Ant1_5180

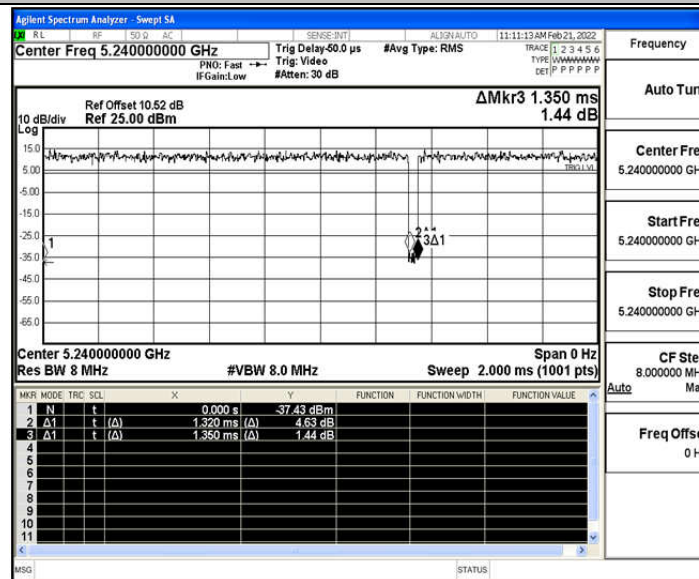


11AC20SISO_Ant1_5220

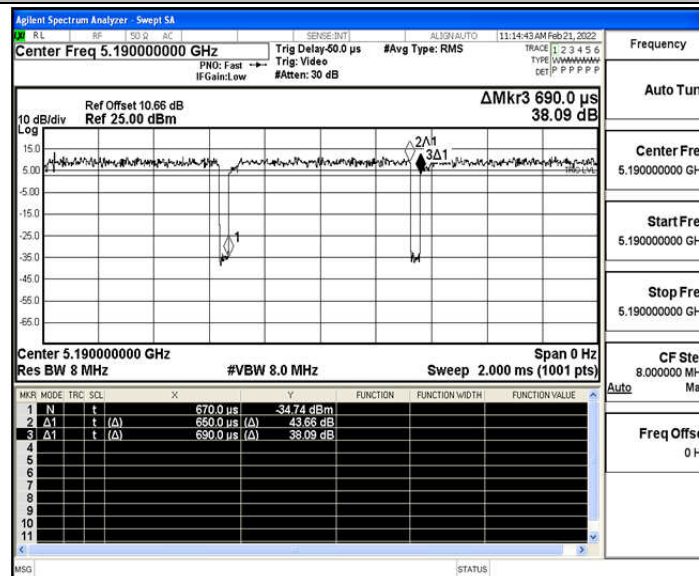




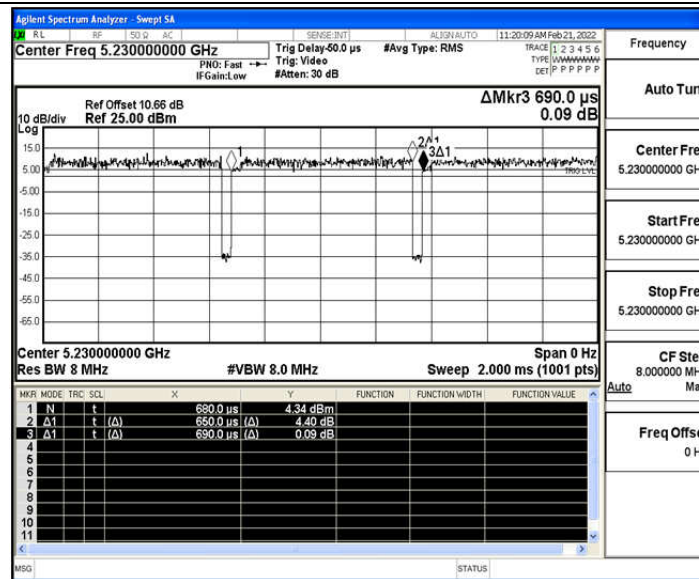
11AC20SISO_Ant1_5240



11AC40SISO_Ant1_5190



11AC40SISO_Ant1_5230



11AC80SISO_Ant1_5210

