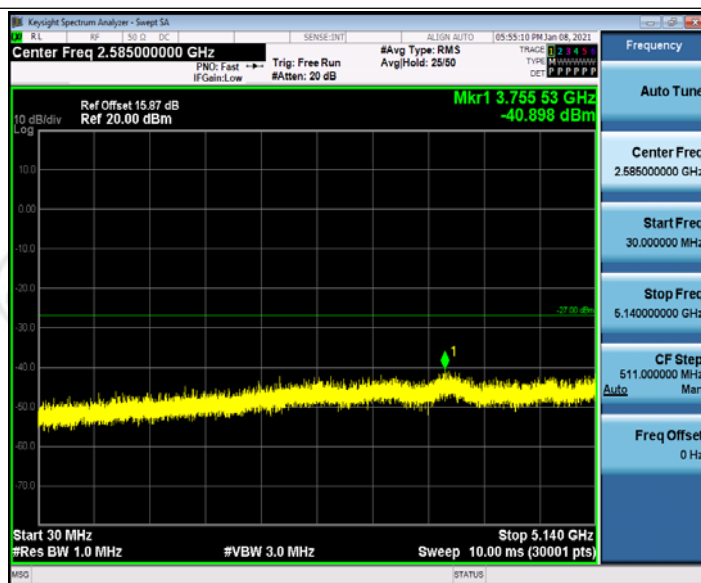
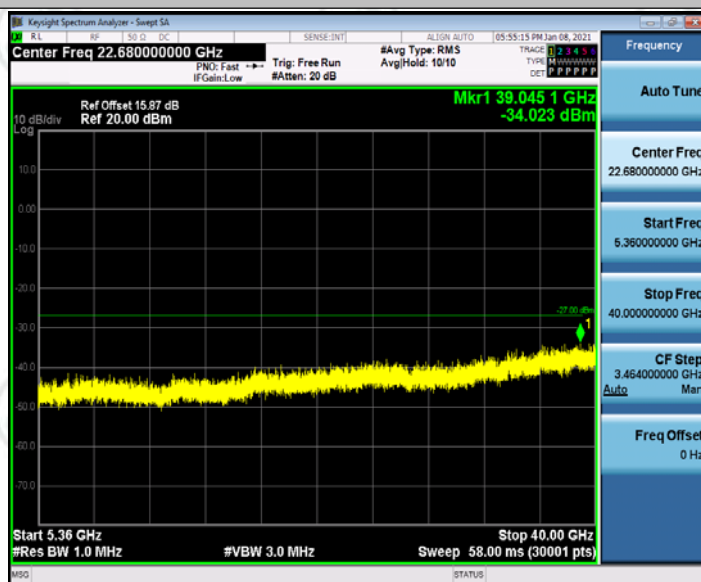
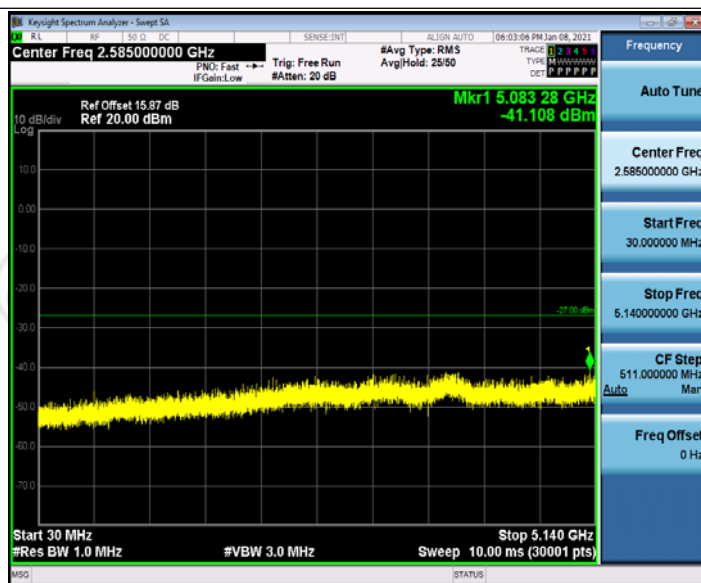




11AC20SISO_Ant1_5180_30~5140



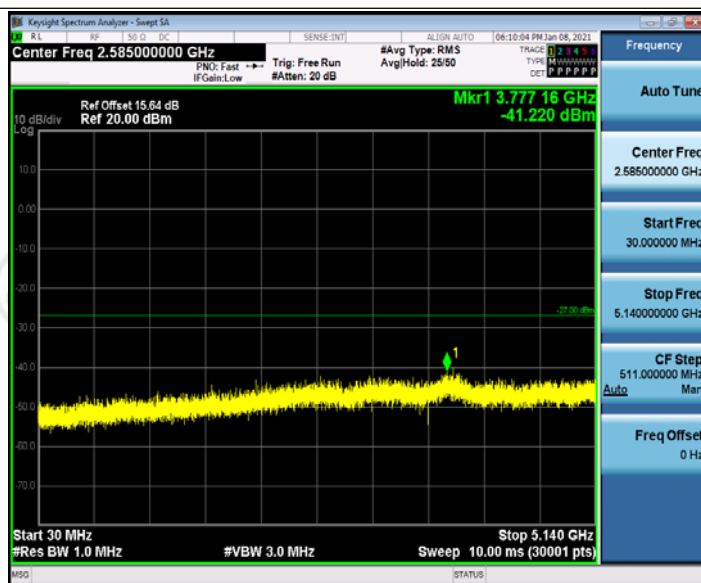
11AC20SISO_Ant1_5180_5360~40000



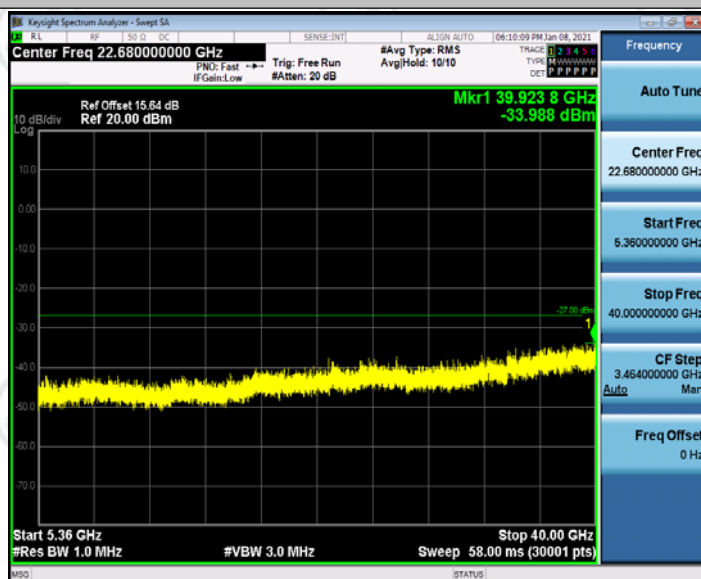
11AC20SISO_Ant1_5200_30~5140



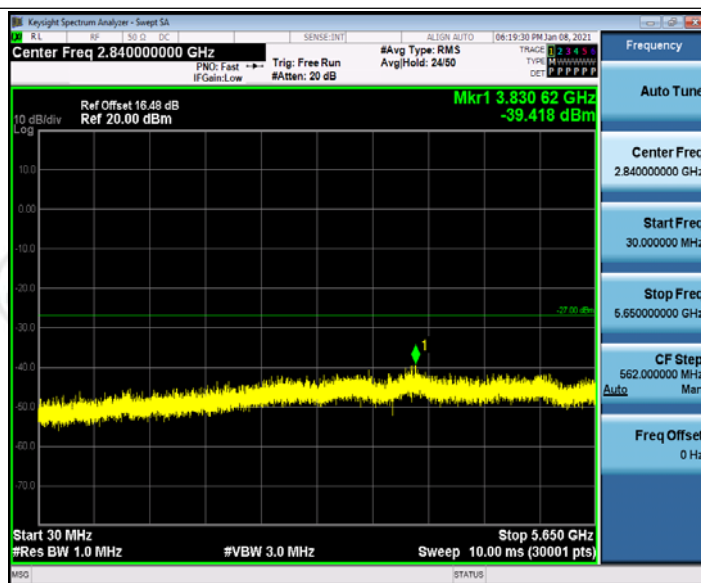
11AC20SISO_Ant1_5200_5360~40000



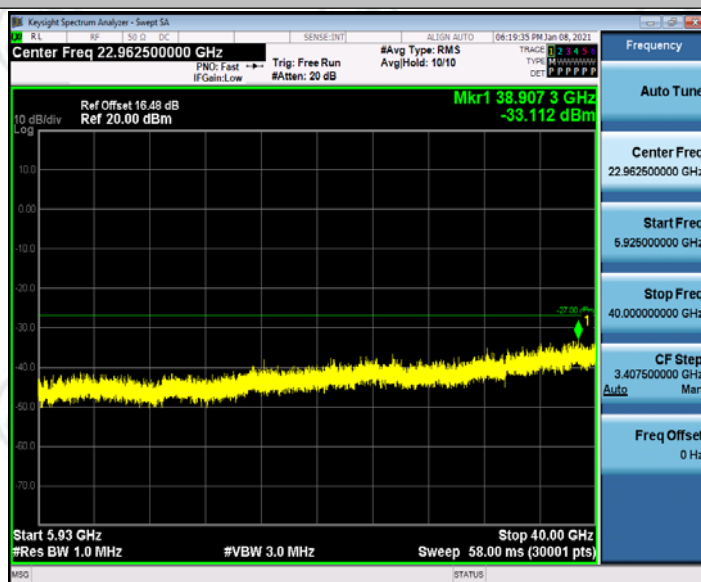
11AC20SISO_Ant1_5240_30~5140



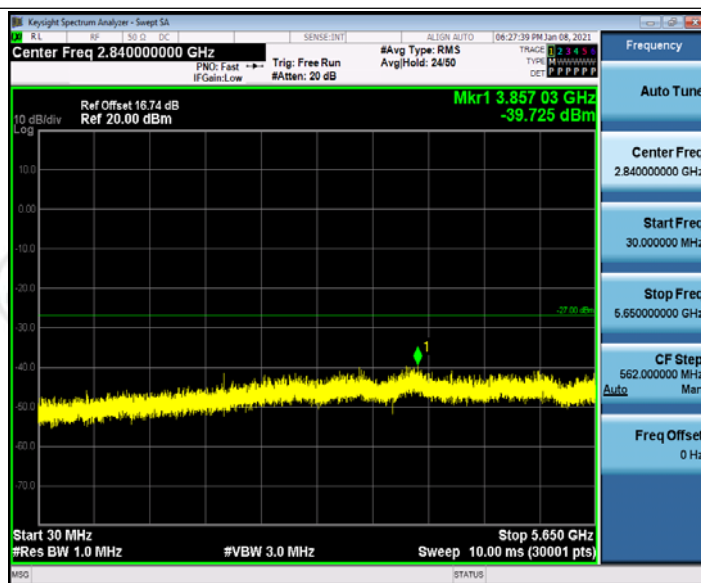
11AC20SISO_Ant1_5240_5360~40000



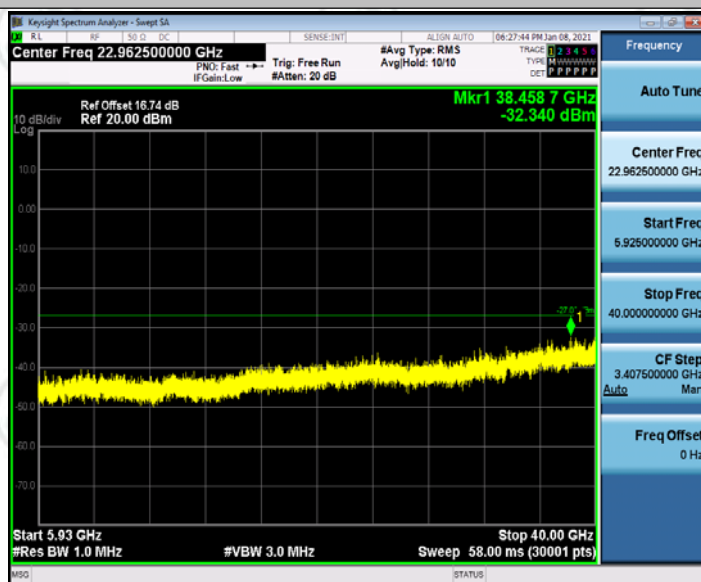
11AC20SISO_Ant1_5745_30~5650



11AC20SISO_Ant1_5745_5925~40000



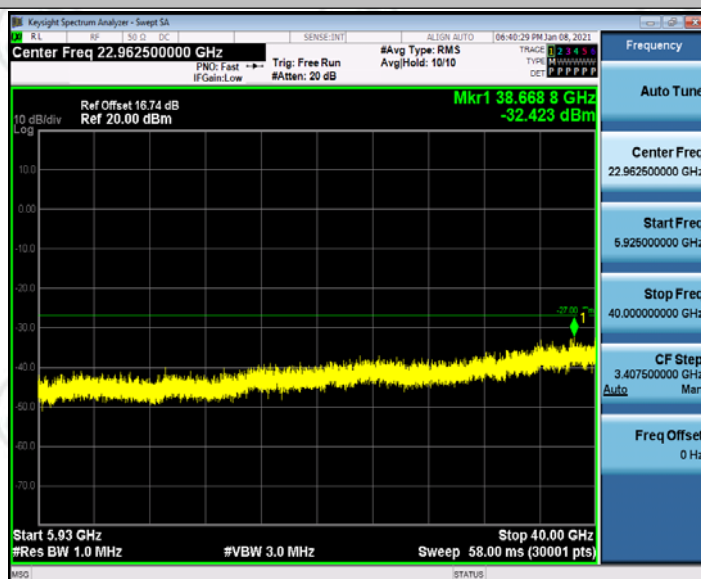
11AC20SISO_Ant1_5785_30~5650



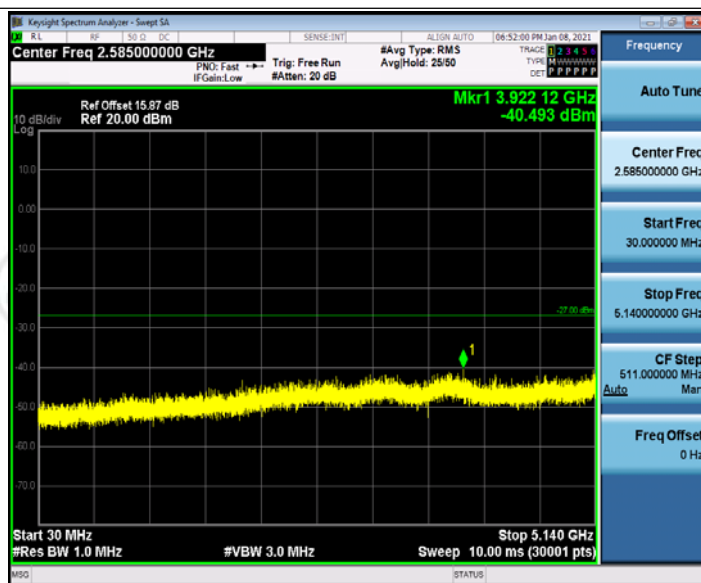
11AC20SISO_Ant1_5785_5925~40000



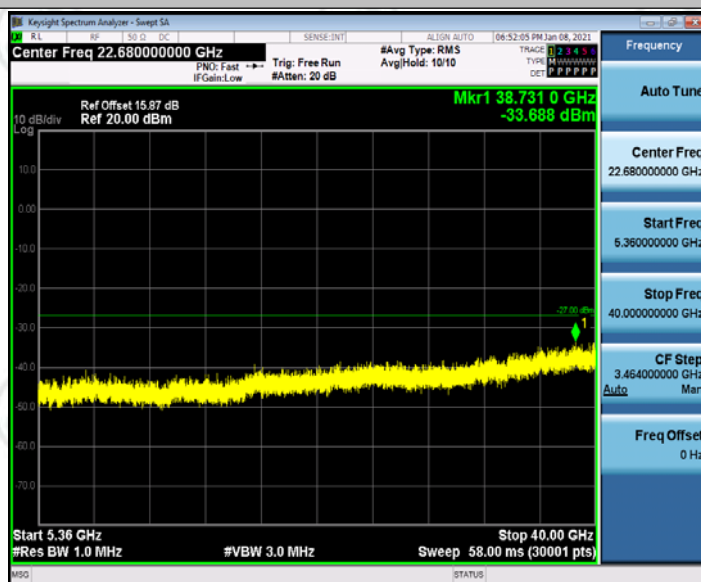
11AC20SISO_Ant1_5825_30~5650



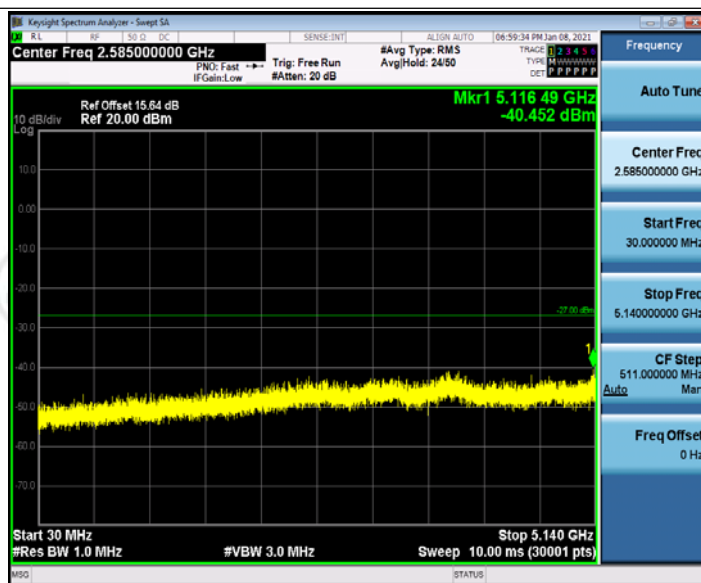
11AC20SISO_Ant1_5825_5925~40000



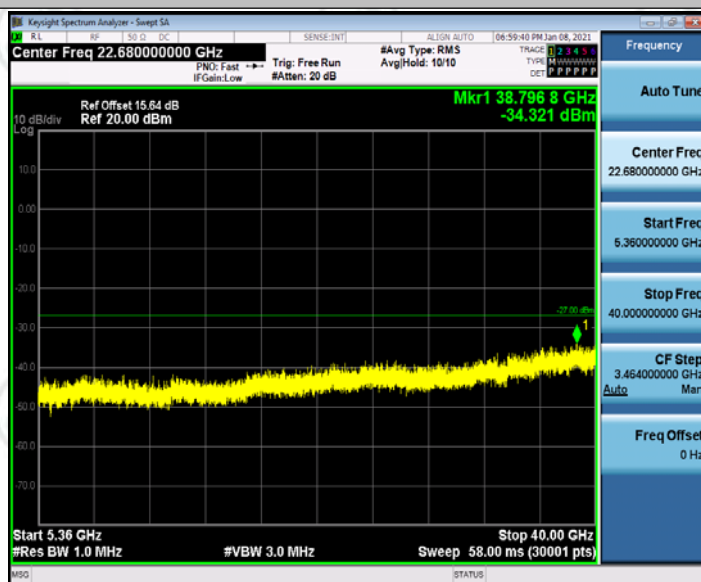
11AC40SISO_Ant1_5190_30~5140



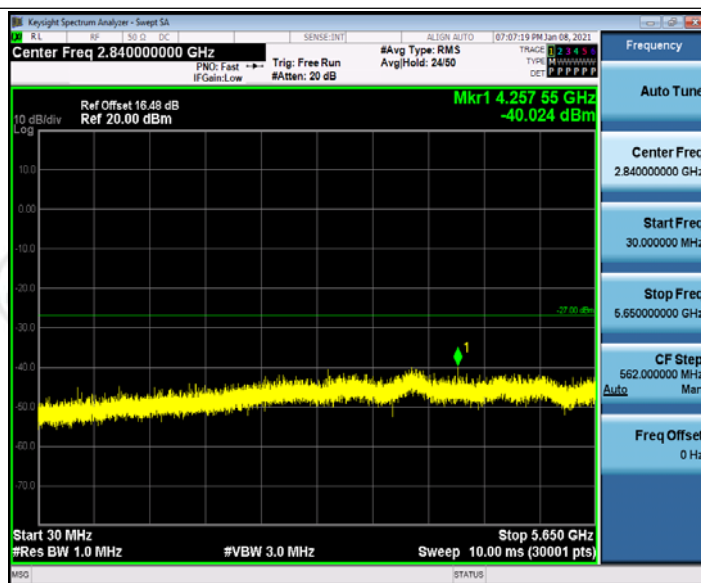
11AC40SISO_Ant1_5190_5360~40000



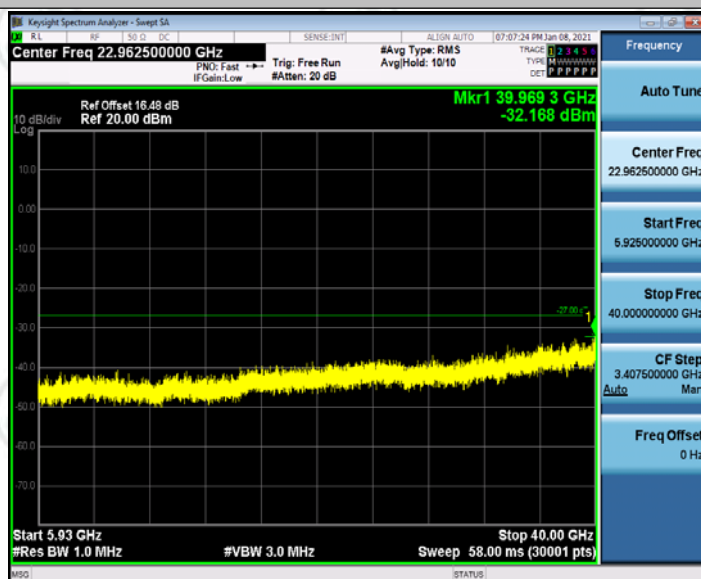
11AC40SISO_Ant1_5230_30~5140



11AC40SISO_Ant1_5230_5360~40000



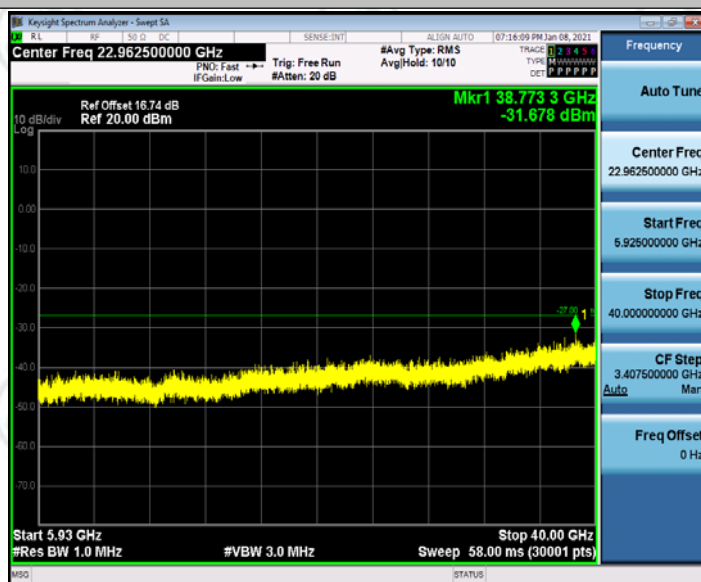
11AC40SISO_Ant1_5755_30~5650



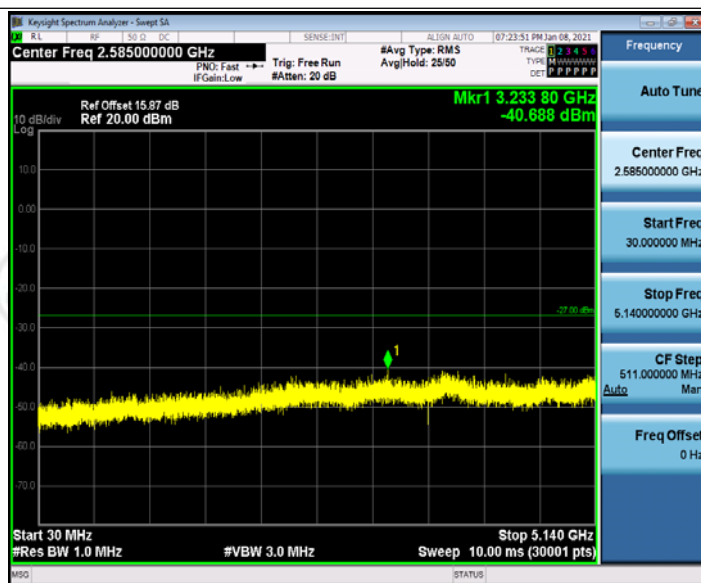
11AC40SISO_Ant1_5755_5925~40000



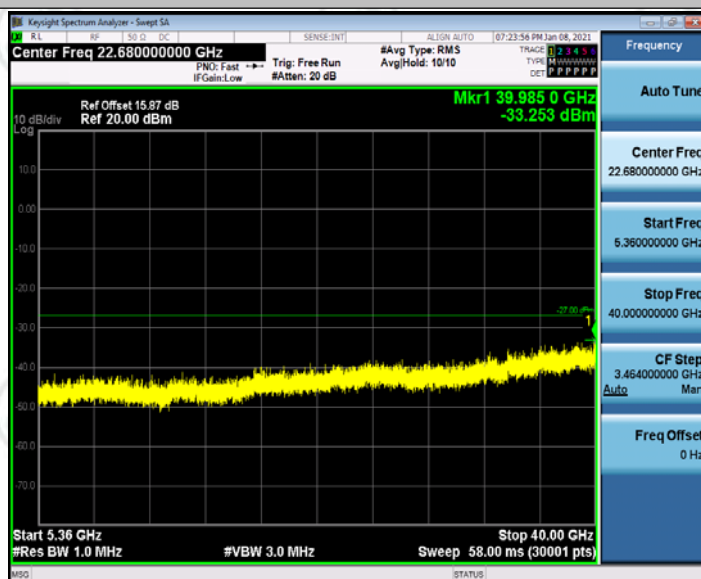
11AC40SISO_Ant1_5795_30~5650



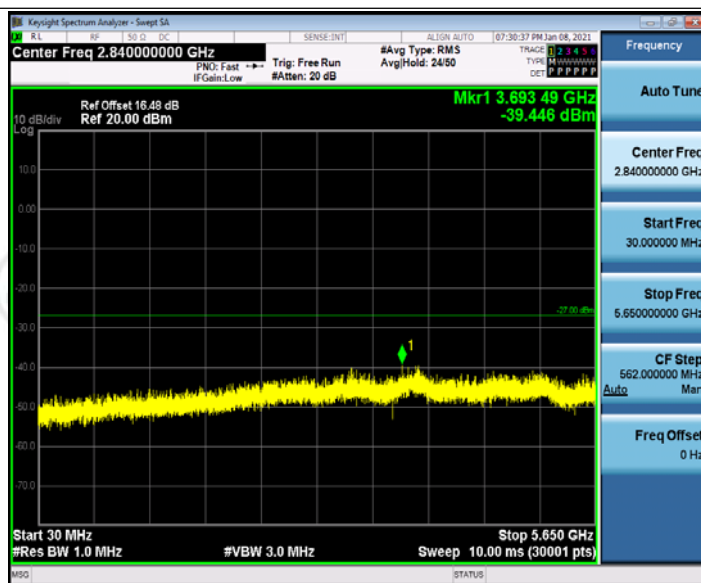
11AC40SISO_Ant1_5795_5925~40000



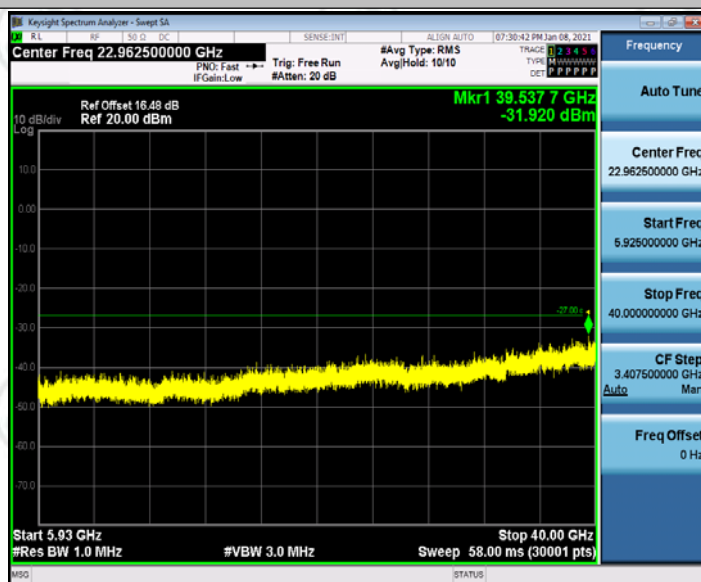
11AC80SISO_Ant1_5210_30~5140



11AC80SISO_Ant1_5210_5360~40000



11AC80SISO_Ant1_5775_30~5650



11AC80SISO_Ant1_5775_5925~40000

Appendix F: Frequency Stability

Test Result

Voltage								
TestMode	Antenna	Channel	Voltage [Vdc]	Temperature (°C)	Deviation (Hz)	Deviation (ppm)	Limit (ppm)	Verdict
11A	Ant1	5180	NV	NT	73000	14.092664	20	PASS
			LV	NT	73000	14.092664	20	PASS
			HV	NT	72000	13.899614	20	PASS
		5200	NV	NT	73000	14.038462	20	PASS
			LV	NT	73000	14.038462	20	PASS
			HV	NT	73000	14.038462	20	PASS
		5240	NV	NT	74000	14.122137	20	PASS
			LV	NT	75000	14.312977	20	PASS
			HV	NT	75000	14.312977	20	PASS
		5745	NV	NT	79000	13.751088	20	PASS
			LV	NT	79000	13.751088	20	PASS
			HV	NT	79000	13.751088	20	PASS
		5785	NV	NT	77000	13.310285	20	PASS
			LV	NT	76000	13.137424	20	PASS
			HV	NT	75000	12.964564	20	PASS
		5825	NV	NT	75000	12.875536	20	PASS
			LV	NT	75000	12.875536	20	PASS
			HV	NT	75000	12.875536	20	PASS
11N20SI SO	Ant1	5180	NV	NT	69000	13.320463	20	PASS
			LV	NT	69000	13.320463	20	PASS
			HV	NT	68000	13.127413	20	PASS
		5200	NV	NT	68000	13.076923	20	PASS
			LV	NT	68000	13.076923	20	PASS
			HV	NT	68000	13.076923	20	PASS
		5240	NV	NT	69000	13.167939	20	PASS
			LV	NT	69000	13.167939	20	PASS
			HV	NT	69000	13.167939	20	PASS
		5745	NV	NT	75000	13.05483	20	PASS
			LV	NT	75000	13.05483	20	PASS
			HV	NT	75000	13.05483	20	PASS
		5785	NV	NT	76000	13.137424	20	PASS
			LV	NT	76000	13.137424	20	PASS
			HV	NT	76000	13.137424	20	PASS
		5825	NV	NT	76000	13.04721	20	PASS

11N40SI SO	Ant1	5190	LV	NT	76000	13.04721	20	PASS
			HV	NT	76000	13.04721	20	PASS
			NV	NT	68000	13.102119	20	PASS
		5230	LV	NT	68000	13.102119	20	PASS
			HV	NT	68000	13.102119	20	PASS
			NV	NT	69000	13.193117	20	PASS
		5755	LV	NT	69000	13.193117	20	PASS
			HV	NT	69000	13.193117	20	PASS
			NV	NT	76000	13.205908	20	PASS
		5795	LV	NT	76000	13.205908	20	PASS
			HV	NT	76000	13.205908	20	PASS
			NV	NT	77000	13.287317	20	PASS
11AC20S ISO	Ant1	5180	LV	NT	77000	13.287317	20	PASS
			HV	NT	77000	13.287317	20	PASS
			NV	NT	69000	13.320463	20	PASS
		5200	LV	NT	69000	13.320463	20	PASS
			HV	NT	69000	13.320463	20	PASS
			NV	NT	70000	13.461538	20	PASS
		5240	LV	NT	70000	13.461538	20	PASS
			HV	NT	70000	13.461538	20	PASS
			NV	NT	71000	13.549618	20	PASS
		5745	LV	NT	71000	13.549618	20	PASS
			HV	NT	71000	13.549618	20	PASS
			NV	NT	77000	13.402959	20	PASS
		5785	LV	NT	77000	13.402959	20	PASS
			HV	NT	77000	13.402959	20	PASS
			NV	NT	78000	13.483146	20	PASS
11AC40S ISO	Ant1	5190	LV	NT	78000	13.483146	20	PASS
			HV	NT	78000	13.483146	20	PASS
			NV	NT	69000	13.294798	20	PASS
		5230	LV	NT	69000	13.294798	20	PASS
			HV	NT	69000	13.294798	20	PASS
			NV	NT	70000	13.384321	20	PASS
		5755	LV	NT	70000	13.384321	20	PASS
			HV	NT	70000	13.384321	20	PASS
			NV	NT	78000	13.553432	20	PASS

11AC80S ISO	Ant1	5795	NV	NT	77000	13.287317	20	PASS
			LV	NT	76000	13.114754	20	PASS
			HV	NT	76000	13.114754	20	PASS
		5210	NV	NT	74000	14.203455	20	PASS
			LV	NT	75000	14.395393	20	PASS
			HV	NT	76000	14.587332	20	PASS
		5775	NV	NT	79000	13.679654	20	PASS
			LV	NT	79000	13.679654	20	PASS
			HV	NT	79000	13.679654	20	PASS

Temperature								
TestMode	Antenna	Channel	Voltage [Vdc]	Temperature (°C)	Deviation (Hz)	Deviation (ppm)	Limit (ppm)	Verdict
11A	Ant1	5180	NV	-30	72000	13.899614	20	PASS
			NV	-20	72000	13.899614	20	PASS
			NV	-10	72000	13.899614	20	PASS
			NV	0	72000	13.899614	20	PASS
			NV	10	72000	13.899614	20	PASS
			NV	20	72000	13.899614	20	PASS
			NV	30	72000	13.899614	20	PASS
			NV	40	71000	13.706564	20	PASS
			NV	50	71000	13.706564	20	PASS
		5200	NV	-30	73000	14.038462	20	PASS
			NV	-20	73000	14.038462	20	PASS
			NV	-10	73000	14.038462	20	PASS
			NV	0	73000	14.038462	20	PASS
			NV	10	73000	14.038462	20	PASS
			NV	20	73000	14.038462	20	PASS
			NV	30	73000	14.038462	20	PASS
			NV	40	73000	14.038462	20	PASS
			NV	50	73000	14.038462	20	PASS
		5240	NV	-30	75000	14.312977	20	PASS
			NV	-20	75000	14.312977	20	PASS
			NV	-10	75000	14.312977	20	PASS
			NV	0	74000	14.122137	20	PASS
			NV	10	74000	14.122137	20	PASS
			NV	20	74000	14.122137	20	PASS
			NV	30	74000	14.122137	20	PASS
			NV	40	74000	14.122137	20	PASS
			NV	50	74000	14.122137	20	PASS
		5745	NV	-30	80000	13.925152	20	PASS

			NV	-20	79000	13.751088	20	PASS
			NV	-10	79000	13.751088	20	PASS
			NV	0	79000	13.751088	20	PASS
			NV	10	79000	13.751088	20	PASS
			NV	20	79000	13.751088	20	PASS
			NV	30	79000	13.751088	20	PASS
			NV	40	78000	13.577023	20	PASS
			NV	50	78000	13.577023	20	PASS
		5785	NV	-30	74000	12.791703	20	PASS
			NV	-20	74000	12.791703	20	PASS
			NV	-10	74000	12.791703	20	PASS
			NV	0	74000	12.791703	20	PASS
			NV	10	75000	12.964564	20	PASS
			NV	20	75000	12.964564	20	PASS
			NV	30	75000	12.964564	20	PASS
			NV	40	75000	12.964564	20	PASS
		5825	NV	50	75000	12.964564	20	PASS
			NV	-30	75000	12.875536	20	PASS
			NV	-20	75000	12.875536	20	PASS
			NV	-10	75000	12.875536	20	PASS
			NV	0	75000	12.875536	20	PASS
			NV	10	75000	12.875536	20	PASS
			NV	20	75000	12.875536	20	PASS
			NV	30	75000	12.875536	20	PASS
11N20SI SO	Ant1	5180	NV	40	75000	12.875536	20	PASS
			NV	50	75000	12.875536	20	PASS
			NV	-30	69000	13.320463	20	PASS
			NV	-20	69000	13.320463	20	PASS
			NV	-10	69000	13.320463	20	PASS
			NV	0	69000	13.320463	20	PASS
			NV	10	69000	13.320463	20	PASS
			NV	20	69000	13.320463	20	PASS
		5200	NV	30	68000	13.127413	20	PASS
			NV	40	68000	13.127413	20	PASS
			NV	50	68000	13.127413	20	PASS
			NV	-30	69000	13.269231	20	PASS
			NV	-20	68000	13.076923	20	PASS
			NV	-10	68000	13.076923	20	PASS
			NV	0	68000	13.076923	20	PASS
			NV	10	68000	13.076923	20	PASS
			NV	20	68000	13.076923	20	PASS

			NV	30	68000	13.076923	20	PASS
			NV	40	68000	13.076923	20	PASS
			NV	50	68000	13.076923	20	PASS
		5240	NV	-30	69000	13.167939	20	PASS
			NV	-20	69000	13.167939	20	PASS
			NV	-10	69000	13.167939	20	PASS
			NV	0	69000	13.167939	20	PASS
			NV	10	69000	13.167939	20	PASS
			NV	20	69000	13.167939	20	PASS
			NV	30	69000	13.167939	20	PASS
			NV	40	69000	13.167939	20	PASS
			NV	50	69000	13.167939	20	PASS
		5745	NV	-30	75000	13.05483	20	PASS
			NV	-20	75000	13.05483	20	PASS
			NV	-10	75000	13.05483	20	PASS
			NV	0	75000	13.05483	20	PASS
			NV	10	75000	13.05483	20	PASS
			NV	20	75000	13.05483	20	PASS
			NV	30	75000	13.05483	20	PASS
			NV	40	75000	13.05483	20	PASS
			NV	50	75000	13.05483	20	PASS
		5785	NV	-30	76000	13.137424	20	PASS
			NV	-20	76000	13.137424	20	PASS
			NV	-10	76000	13.137424	20	PASS
			NV	0	76000	13.137424	20	PASS
			NV	10	76000	13.137424	20	PASS
			NV	20	76000	13.137424	20	PASS
			NV	30	76000	13.137424	20	PASS
			NV	40	76000	13.137424	20	PASS
			NV	50	76000	13.137424	20	PASS
		5825	NV	-30	76000	13.04721	20	PASS
			NV	-20	76000	13.04721	20	PASS
			NV	-10	76000	13.04721	20	PASS
			NV	0	76000	13.04721	20	PASS
			NV	10	76000	13.04721	20	PASS
			NV	20	76000	13.04721	20	PASS
			NV	30	76000	13.04721	20	PASS
			NV	40	76000	13.04721	20	PASS
			NV	50	76000	13.04721	20	PASS
11N40SI SO	Ant1	5190	NV	-30	68000	13.102119	20	PASS
			NV	-20	68000	13.102119	20	PASS

			NV	-10	68000	13.102119	20	PASS
			NV	0	68000	13.102119	20	PASS
			NV	10	68000	13.102119	20	PASS
			NV	20	68000	13.102119	20	PASS
			NV	30	68000	13.102119	20	PASS
			NV	40	68000	13.102119	20	PASS
			NV	50	68000	13.102119	20	PASS
		5230	NV	-30	69000	13.193117	20	PASS
			NV	-20	69000	13.193117	20	PASS
			NV	-10	69000	13.193117	20	PASS
			NV	0	69000	13.193117	20	PASS
			NV	10	69000	13.193117	20	PASS
			NV	20	69000	13.193117	20	PASS
			NV	30	69000	13.193117	20	PASS
			NV	40	69000	13.193117	20	PASS
			NV	50	69000	13.193117	20	PASS
		5755	NV	-30	76000	13.205908	20	PASS
			NV	-20	76000	13.205908	20	PASS
			NV	-10	76000	13.205908	20	PASS
			NV	0	76000	13.205908	20	PASS
			NV	10	76000	13.205908	20	PASS
			NV	20	76000	13.205908	20	PASS
			NV	30	76000	13.205908	20	PASS
			NV	40	76000	13.205908	20	PASS
			NV	50	76000	13.205908	20	PASS
		5795	NV	-30	77000	13.287317	20	PASS
			NV	-20	77000	13.287317	20	PASS
			NV	-10	77000	13.287317	20	PASS
			NV	0	77000	13.287317	20	PASS
			NV	10	77000	13.287317	20	PASS
			NV	20	77000	13.287317	20	PASS
			NV	30	77000	13.287317	20	PASS
			NV	40	77000	13.287317	20	PASS
			NV	50	77000	13.287317	20	PASS
11AC20S ISO	Ant1	5180	NV	-30	69000	13.320463	20	PASS
			NV	-20	69000	13.320463	20	PASS
			NV	-10	69000	13.320463	20	PASS
			NV	0	69000	13.320463	20	PASS
			NV	10	69000	13.320463	20	PASS
			NV	20	69000	13.320463	20	PASS
			NV	30	69000	13.320463	20	PASS

			NV	40	69000	13.320463	20	PASS
			NV	50	69000	13.320463	20	PASS
		5200	NV	-30	70000	13.461538	20	PASS
			NV	-20	70000	13.461538	20	PASS
			NV	-10	70000	13.461538	20	PASS
			NV	0	70000	13.461538	20	PASS
			NV	10	70000	13.461538	20	PASS
			NV	20	70000	13.461538	20	PASS
			NV	30	70000	13.461538	20	PASS
			NV	40	70000	13.461538	20	PASS
			NV	50	70000	13.461538	20	PASS
		5240	NV	-30	71000	13.549618	20	PASS
			NV	-20	71000	13.549618	20	PASS
			NV	-10	71000	13.549618	20	PASS
			NV	0	71000	13.549618	20	PASS
			NV	10	71000	13.549618	20	PASS
			NV	20	71000	13.549618	20	PASS
			NV	30	71000	13.549618	20	PASS
			NV	40	71000	13.549618	20	PASS
			NV	50	71000	13.549618	20	PASS
		5745	NV	-30	77000	13.402959	20	PASS
			NV	-20	77000	13.402959	20	PASS
			NV	-10	77000	13.402959	20	PASS
			NV	0	77000	13.402959	20	PASS
			NV	10	77000	13.402959	20	PASS
			NV	20	77000	13.402959	20	PASS
			NV	30	77000	13.402959	20	PASS
			NV	40	77000	13.402959	20	PASS
			NV	50	77000	13.402959	20	PASS
		5785	NV	-30	78000	13.483146	20	PASS
			NV	-20	77000	13.310285	20	PASS
			NV	-10	77000	13.310285	20	PASS
			NV	0	78000	13.483146	20	PASS
			NV	10	78000	13.483146	20	PASS
			NV	20	78000	13.483146	20	PASS
			NV	30	78000	13.483146	20	PASS
			NV	40	77000	13.310285	20	PASS
			NV	50	77000	13.310285	20	PASS
		5825	NV	-30	78000	13.390558	20	PASS
			NV	-20	78000	13.390558	20	PASS
			NV	-10	78000	13.390558	20	PASS

11AC40S ISO	Ant1		NV	0	78000	13.390558	20	PASS
			NV	10	78000	13.390558	20	PASS
			NV	20	78000	13.390558	20	PASS
			NV	30	78000	13.390558	20	PASS
			NV	40	78000	13.390558	20	PASS
			NV	50	78000	13.390558	20	PASS
		5190	NV	-30	69000	13.294798	20	PASS
			NV	-20	69000	13.294798	20	PASS
			NV	-10	69000	13.294798	20	PASS
			NV	0	69000	13.294798	20	PASS
			NV	10	69000	13.294798	20	PASS
			NV	20	69000	13.294798	20	PASS
		5230	NV	30	69000	13.294798	20	PASS
			NV	40	69000	13.294798	20	PASS
			NV	50	69000	13.294798	20	PASS
			NV	-30	70000	13.384321	20	PASS
			NV	-20	70000	13.384321	20	PASS
			NV	-10	70000	13.384321	20	PASS
		5755	NV	0	69000	13.193117	20	PASS
			NV	10	69000	13.193117	20	PASS
			NV	20	69000	13.193117	20	PASS
			NV	30	70000	13.384321	20	PASS
			NV	40	69000	13.193117	20	PASS
			NV	50	69000	13.193117	20	PASS
		5795	NV	-30	76000	13.205908	20	PASS
			NV	-20	76000	13.205908	20	PASS
			NV	-10	76000	13.205908	20	PASS
			NV	0	76000	13.205908	20	PASS
			NV	10	76000	13.205908	20	PASS
			NV	20	76000	13.205908	20	PASS
			NV	30	76000	13.205908	20	PASS
			NV	40	76000	13.205908	20	PASS
			NV	50	76000	13.205908	20	PASS
			NV	-30	77000	13.287317	20	PASS
			NV	-20	77000	13.287317	20	PASS
			NV	-10	77000	13.287317	20	PASS
			NV	0	77000	13.287317	20	PASS
			NV	10	76000	13.114754	20	PASS
			NV	20	77000	13.287317	20	PASS
			NV	30	76000	13.114754	20	PASS
			NV	40	76000	13.114754	20	PASS

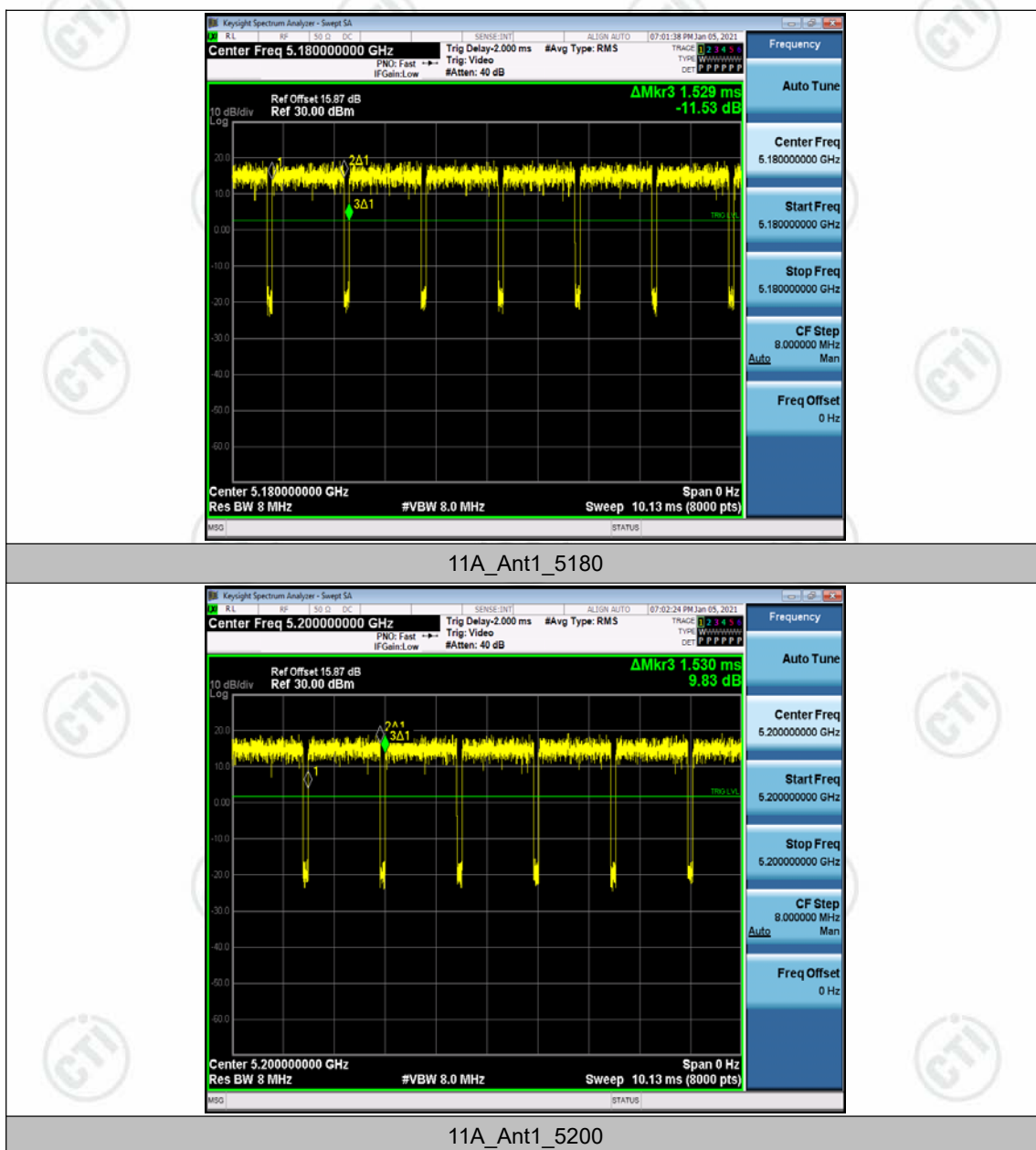
			NV	50	76000	13.114754	20	PASS
11AC80S ISO	Ant1	5210	NV	-30	74000	14.203455	20	PASS
			NV	-20	73000	14.011516	20	PASS
			NV	-10	73000	14.011516	20	PASS
			NV	0	72000	13.819578	20	PASS
			NV	10	72000	13.819578	20	PASS
			NV	20	72000	13.819578	20	PASS
			NV	30	72000	13.819578	20	PASS
			NV	40	71000	13.627639	20	PASS
			NV	50	71000	13.627639	20	PASS
		5775	NV	-30	79000	13.679654	20	PASS
			NV	-20	79000	13.679654	20	PASS
			NV	-10	79000	13.679654	20	PASS
			NV	0	79000	13.679654	20	PASS
			NV	10	79000	13.679654	20	PASS
			NV	20	79000	13.679654	20	PASS
			NV	30	79000	13.679654	20	PASS
			NV	40	78000	13.506494	20	PASS
			NV	50	78000	13.506494	20	PASS

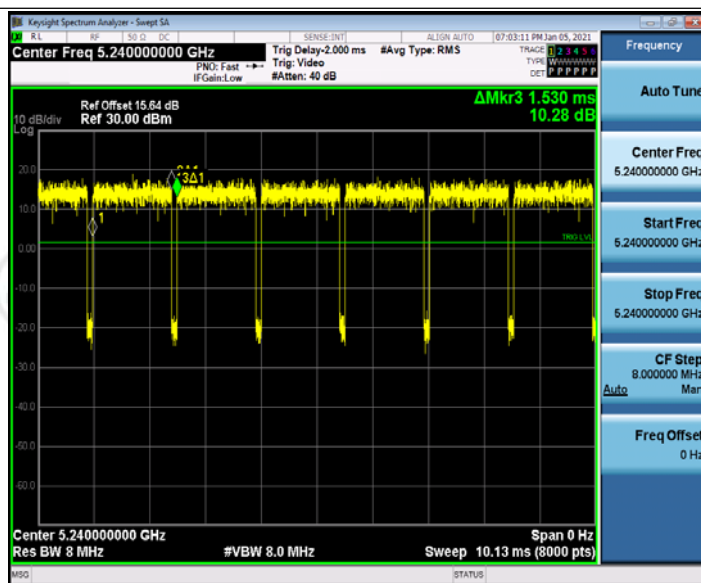
Appendix G: Duty Cycle

Test Result

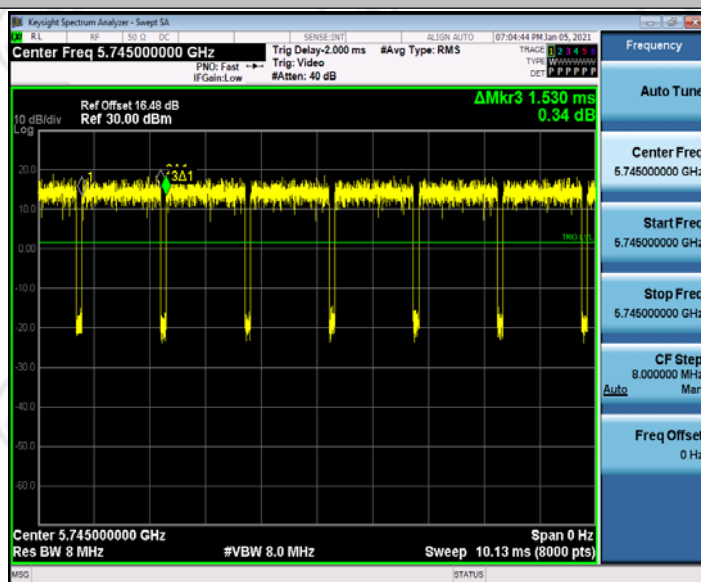
TestMode	Antenna	Channel	Transmission Duration [ms]	Transmission Period [ms]	Duty Cycle [%]	Limit	Verdict
11A	Ant1	5180	1.43	1.53	93.29	---	PASS
		5200	1.43	1.53	93.21	---	PASS
		5240	1.43	1.53	93.21	---	PASS
		5745	1.43	1.53	93.21	---	PASS
		5785	1.43	1.53	93.29	---	PASS
		5825	1.43	1.53	93.29	---	PASS
11N20SISO	Ant1	5180	1.34	1.44	92.86	---	PASS
		5200	1.33	1.44	92.78	---	PASS
		5240	1.33	1.44	92.78	---	PASS
		5745	1.34	1.44	92.86	---	PASS
		5785	1.34	1.44	92.86	---	PASS
		5825	1.33	1.44	92.86	---	PASS
11N40SISO	Ant1	5190	0.66	0.77	86.61	---	PASS
		5230	0.66	0.77	86.59	---	PASS
		5755	0.66	0.77	86.61	---	PASS
		5795	0.66	0.77	86.59	---	PASS
11AC20SISO	Ant1	5180	1.34	1.45	92.90	---	PASS
		5200	1.34	1.45	92.81	---	PASS
		5240	1.34	1.45	92.90	---	PASS
		5745	1.34	1.45	92.90	---	PASS
		5785	1.34	1.45	92.81	---	PASS
		5825	1.34	1.45	92.81	---	PASS
11AC40SISO	Ant1	5190	0.67	0.67	99.24	---	PASS
		5230	0.67	0.77	86.66	---	PASS
		5755	0.67	0.77	86.66	---	PASS
		5795	0.67	0.77	86.68	---	PASS
11AC80SISO	Ant1	5210	0.33	0.33	98.48	---	PASS
		5775	0.33	0.43	76.32	---	PASS

Test Graphs

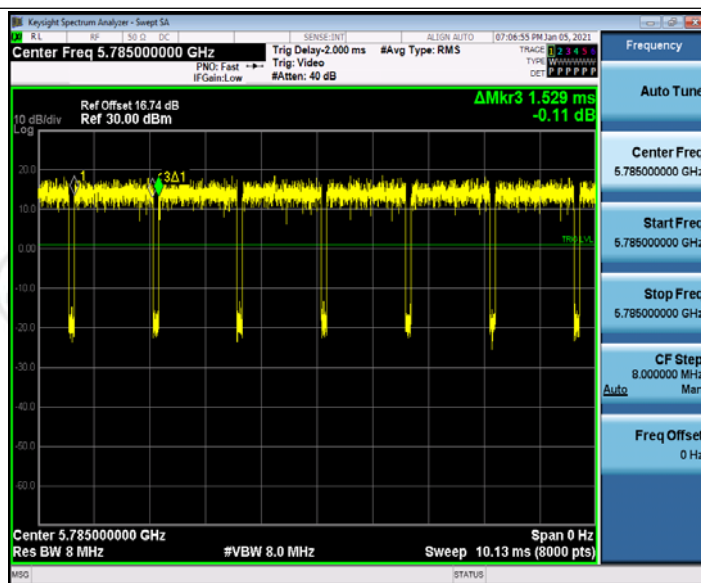




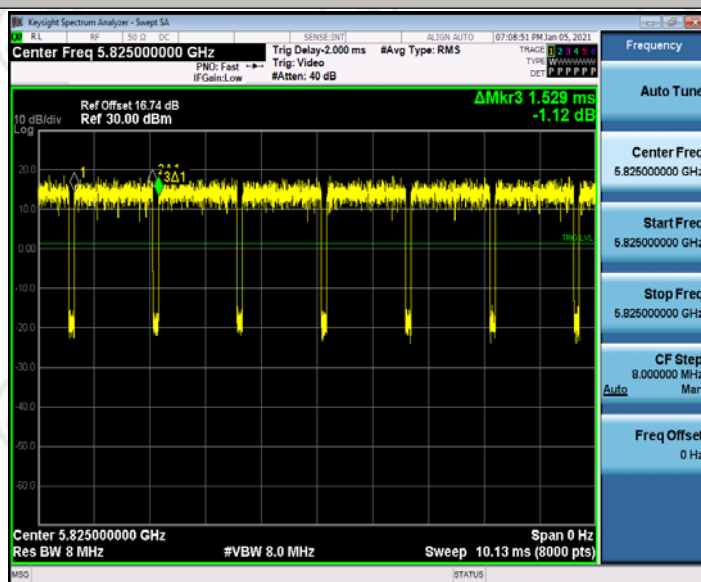
11A_Ant1_5240



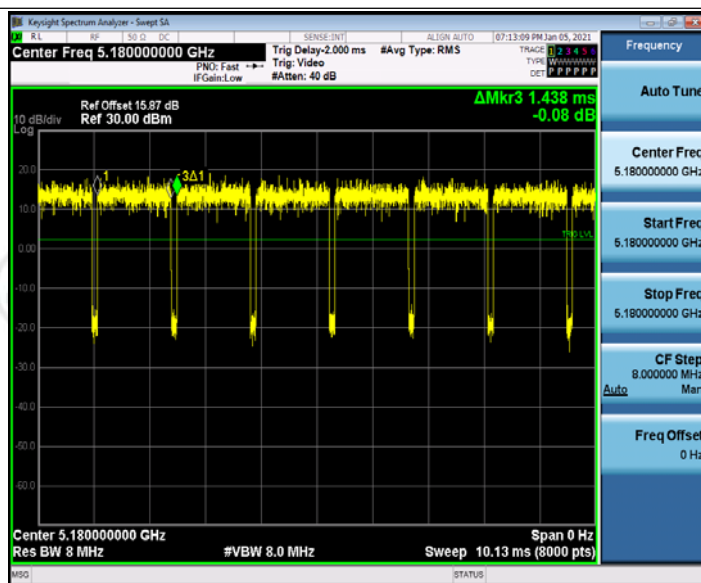
11A_Ant1_5745



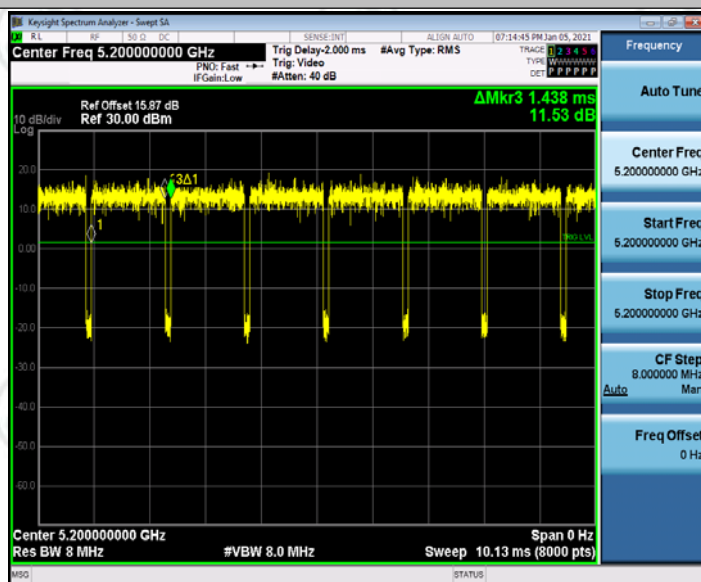
11A_Ant1_5785



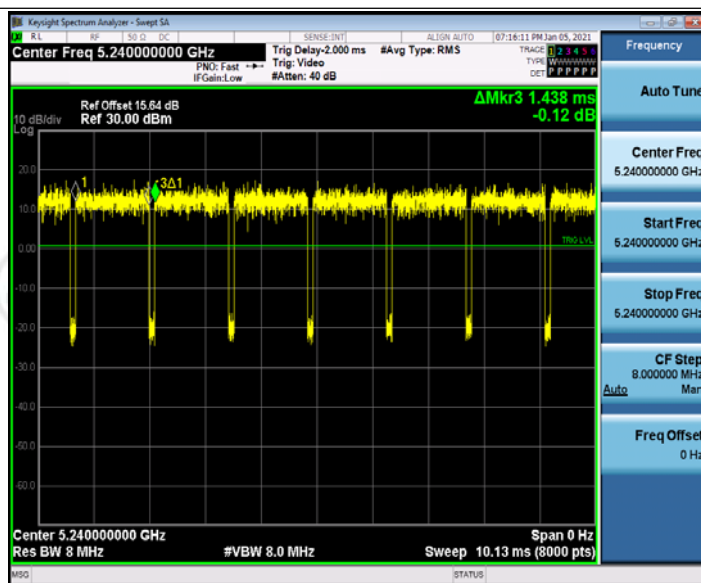
11A_Ant1_5825



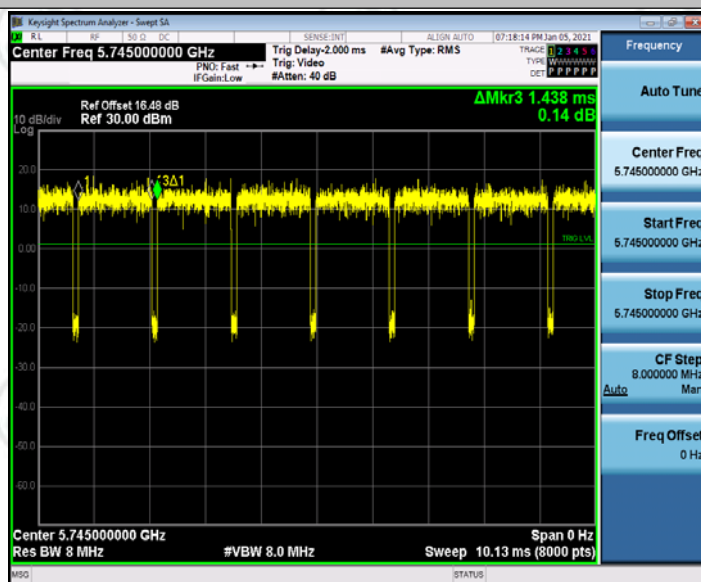
11N20SISO_Ant1_5180



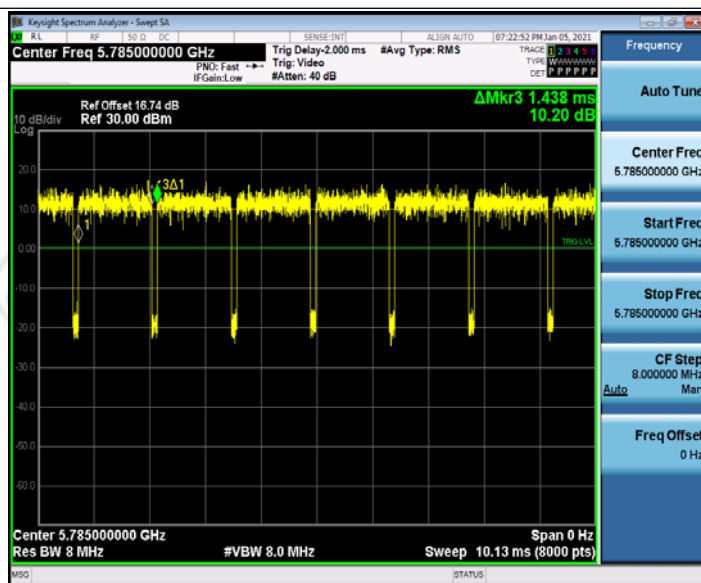
11N20SISO_Ant1_5200



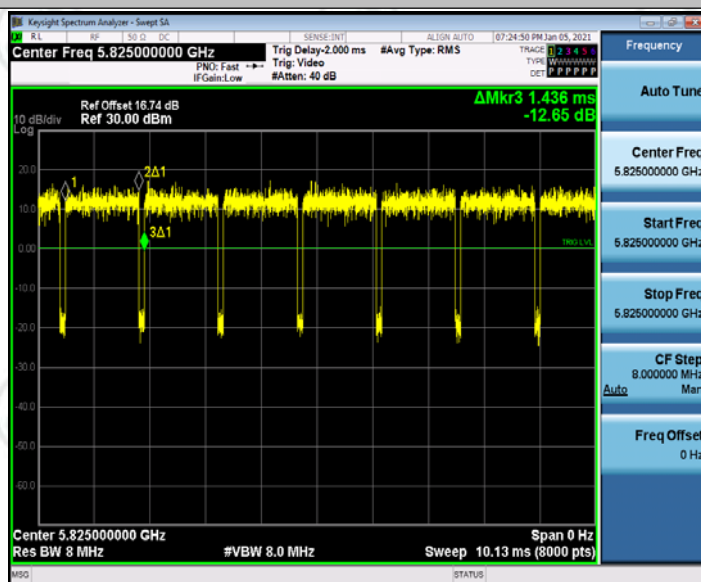
11N20SISO_Ant1_5240



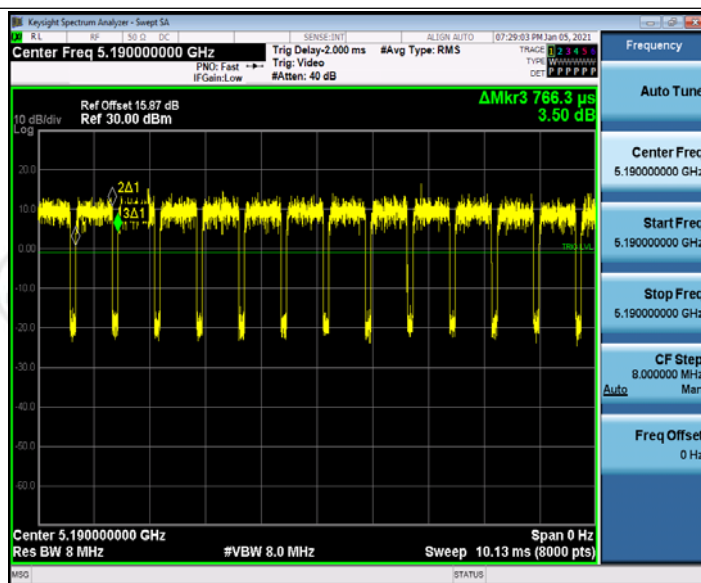
11N20SISO_Ant1_5745



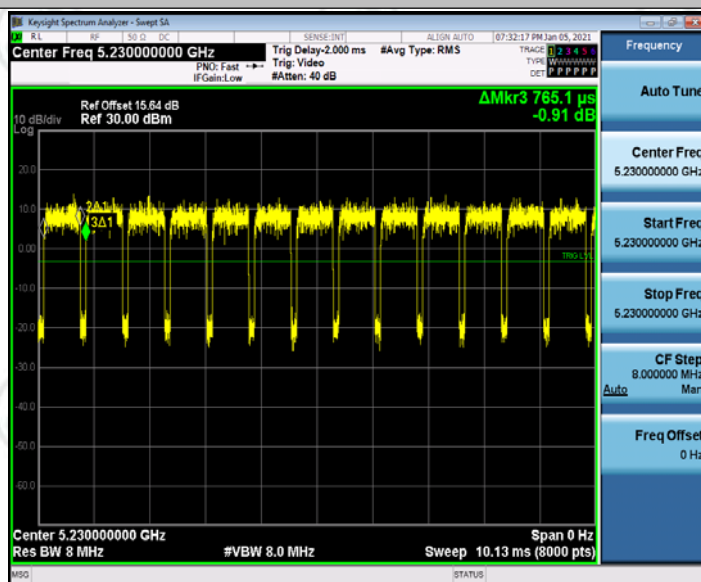
11N20SISO_Ant1_5785



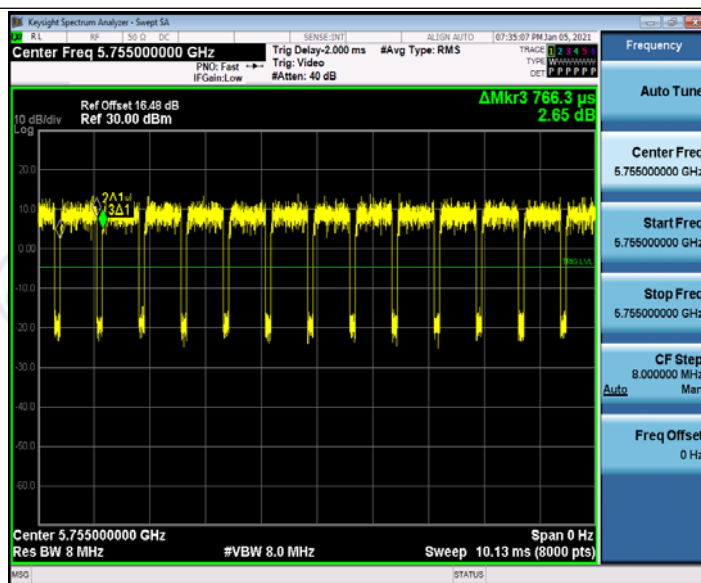
11N20SISO_Ant1_5825



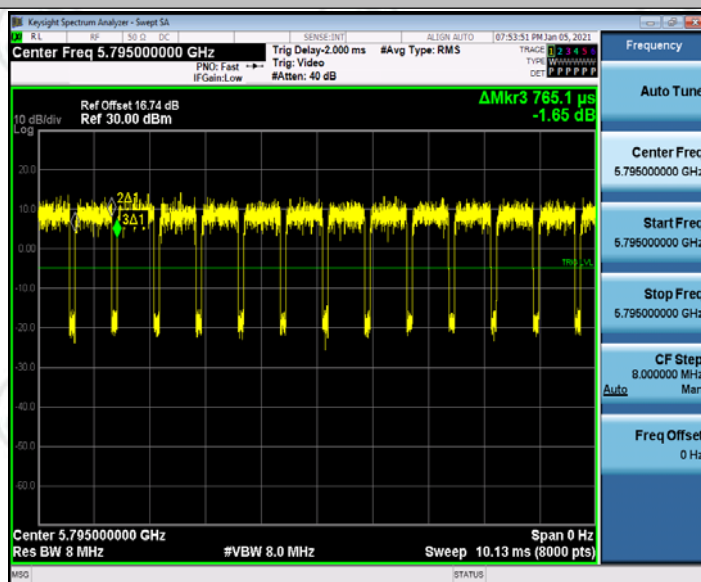
11N40SISO_Ant1_5190



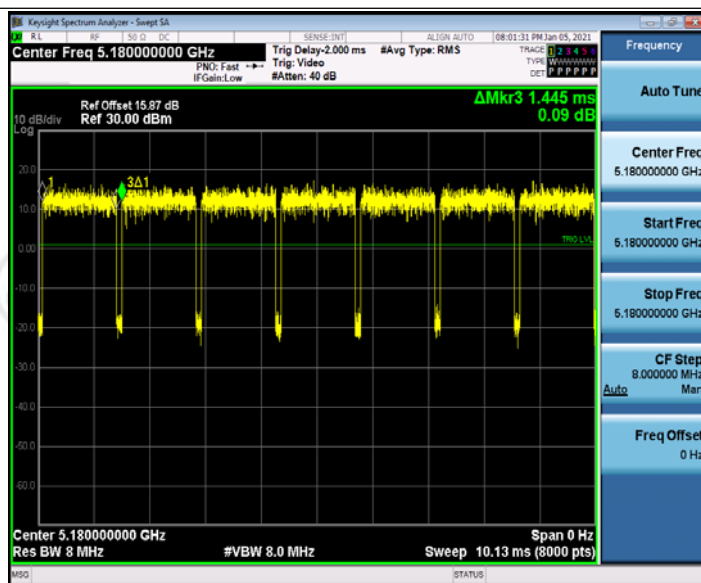
11N40SISO_Ant1_5230



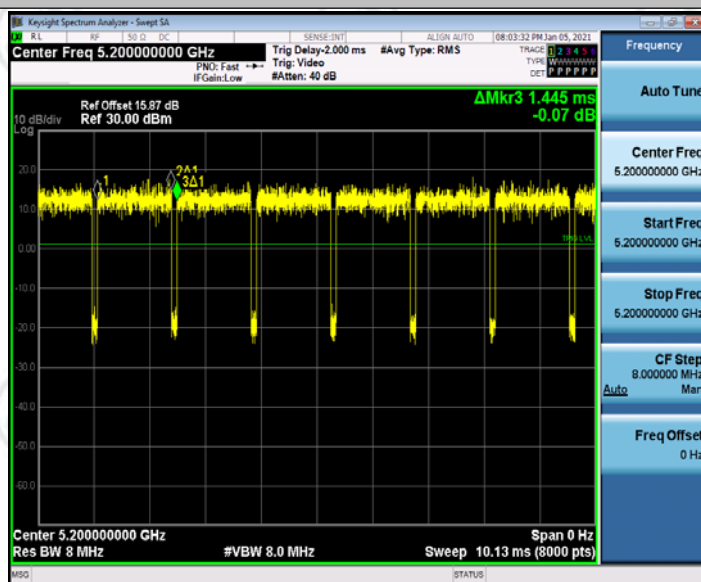
11N40SISO_Ant1_5755



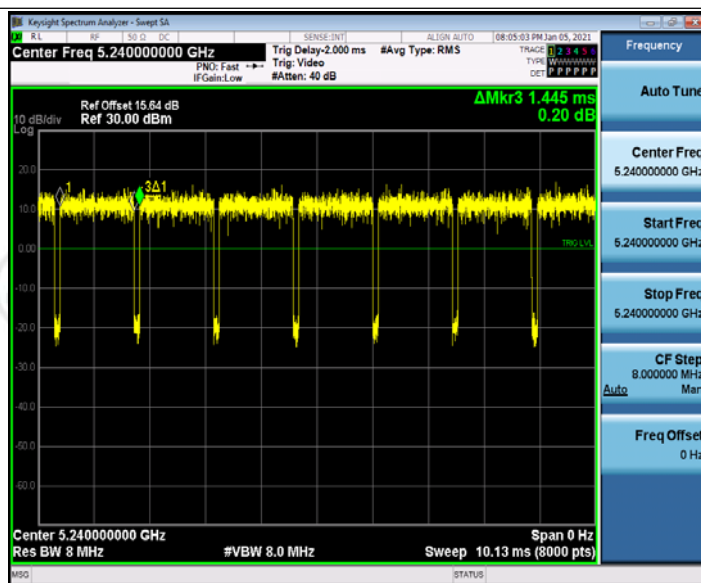
11N40SISO_Ant1_5795



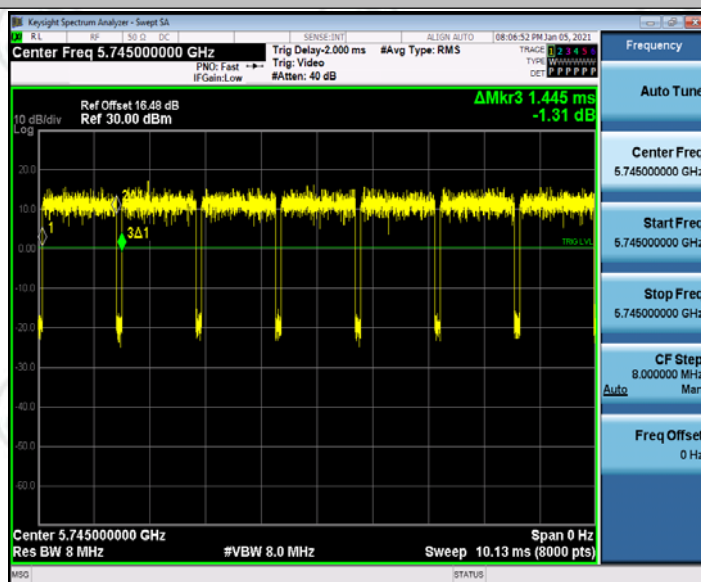
11AC20SISO_Ant1_5180



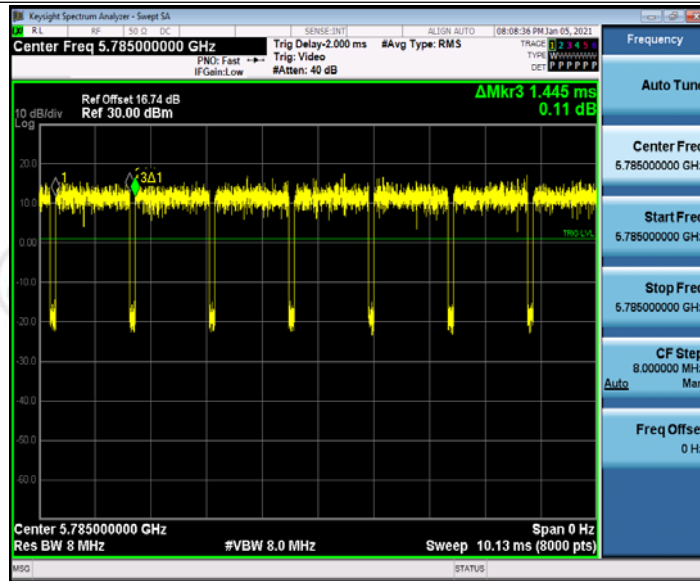
11AC20SISO_Ant1_5200



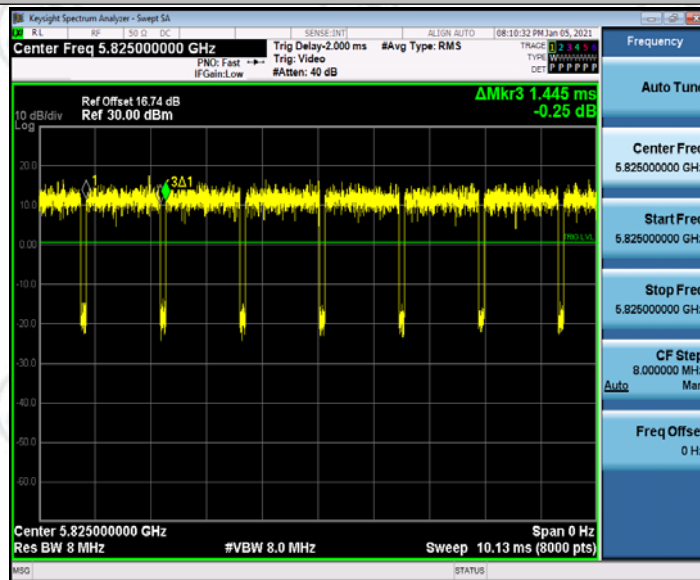
11AC20SISO_Ant1_5240



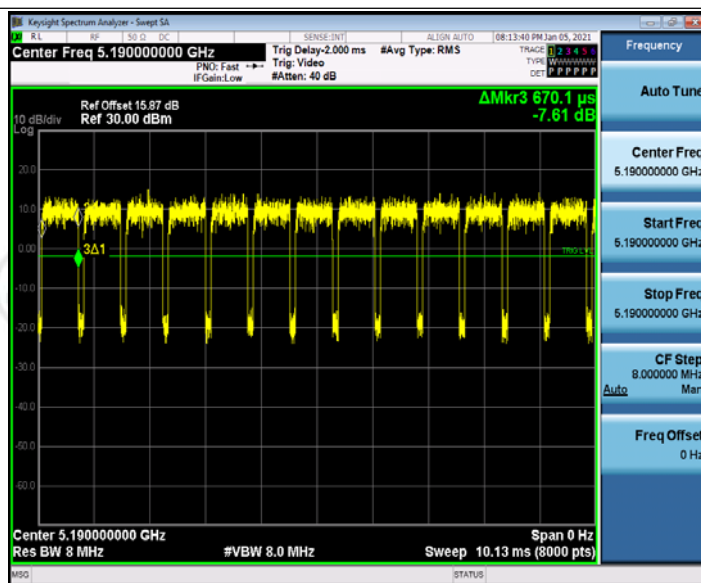
11AC20SISO_Ant1_5745



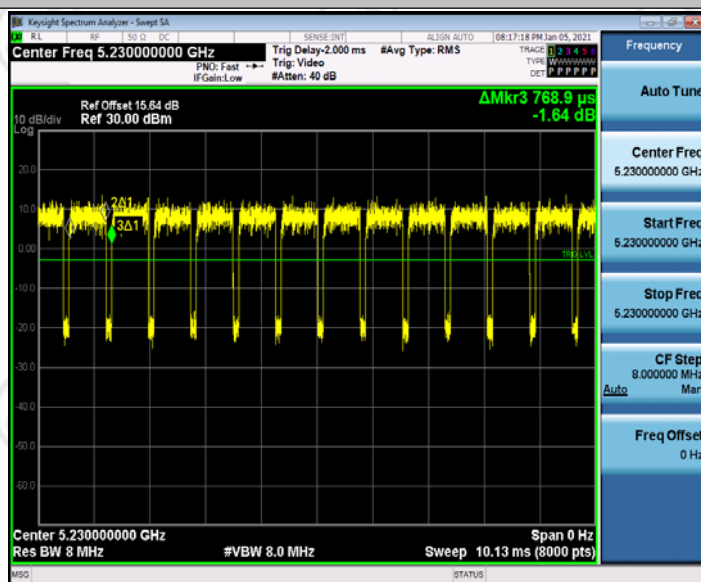
11AC20SISO_Ant1_5785



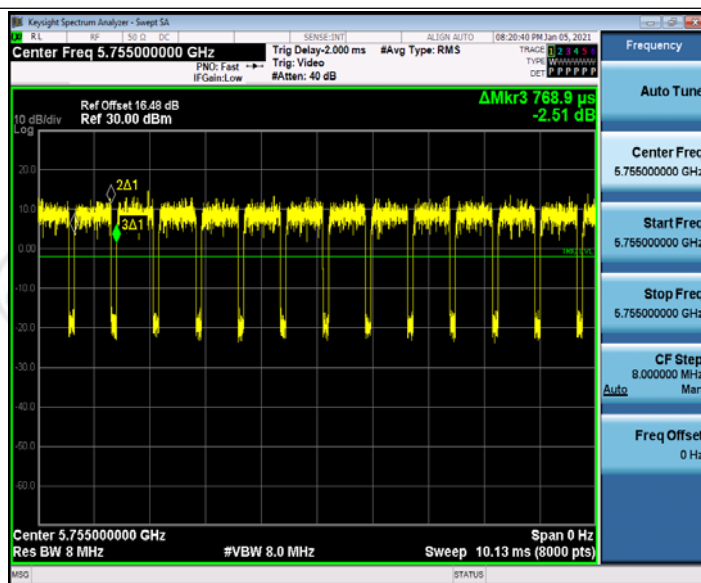
11AC20SISO_Ant1_5825



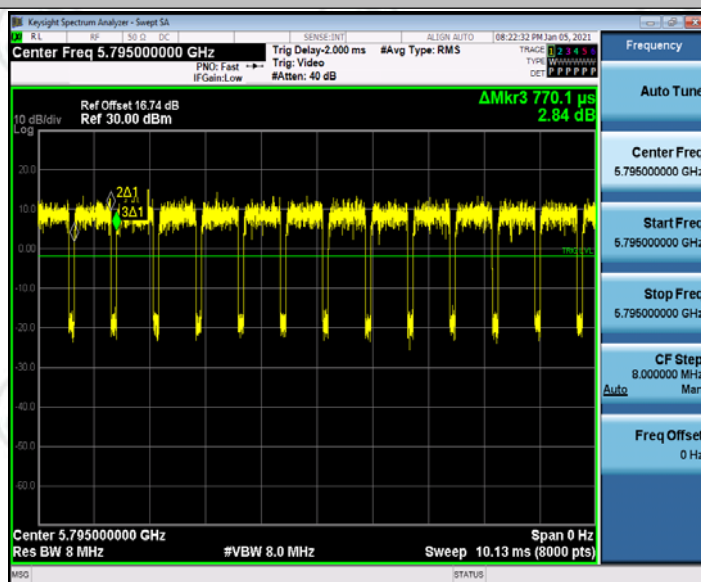
11AC40SISO_Ant1_5190



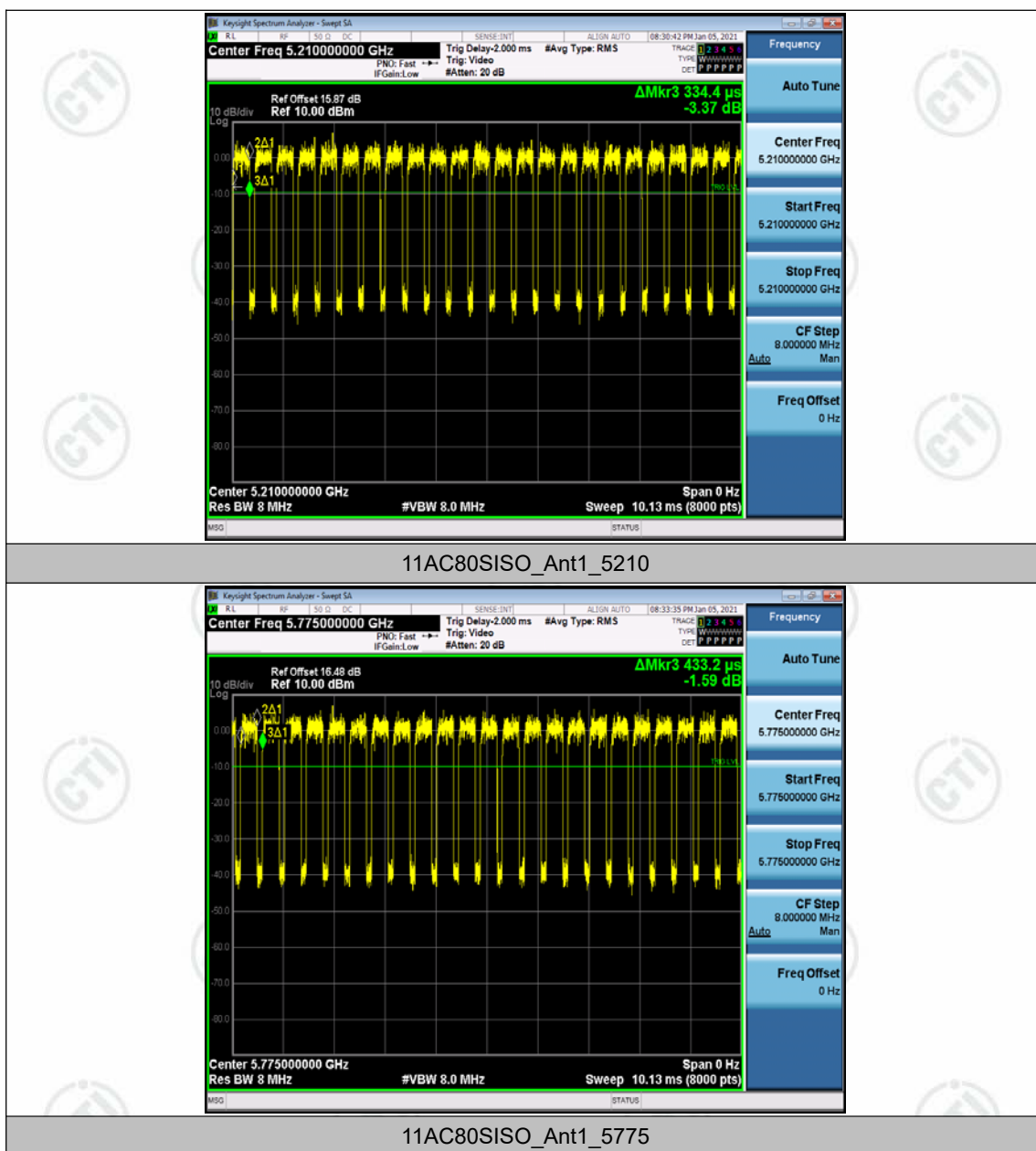
11AC40SISO_Ant1_5230



11AC40SISO_Ant1_5755



11AC40SISO_Ant1_5795



*** End of Report ***