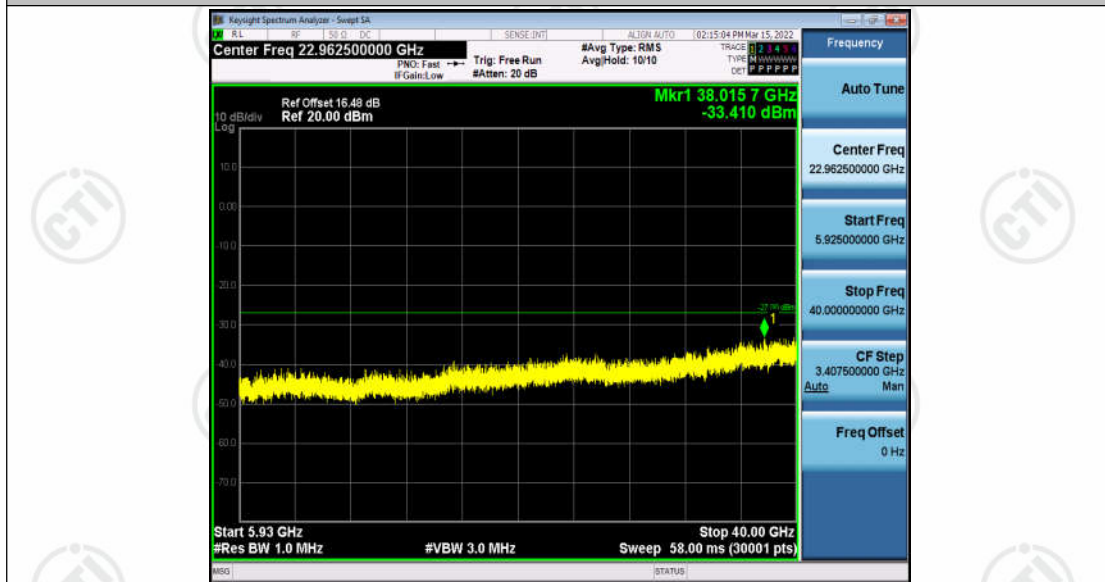


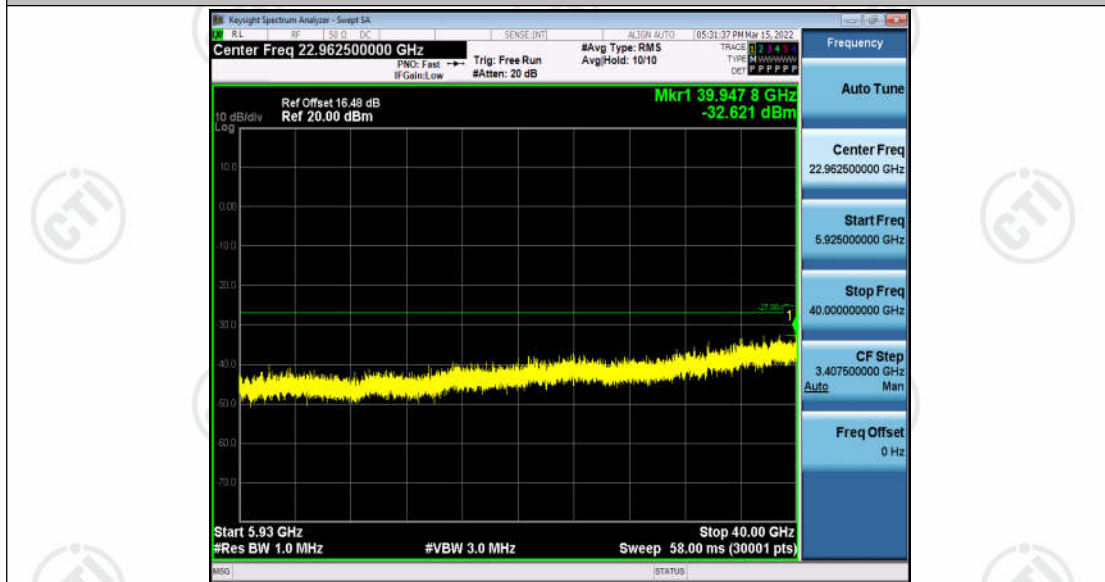
11N20SISO\_Ant1\_5745\_30~5650



11N20SISO\_Ant1\_5745\_5925~40000



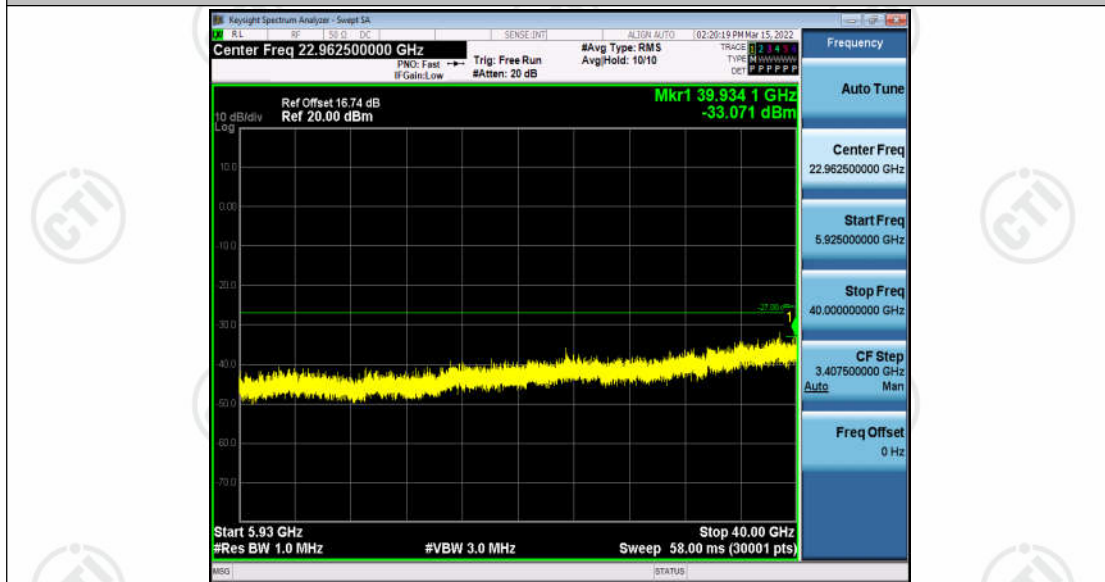
11N20SISO\_Ant2\_5745\_30~5650



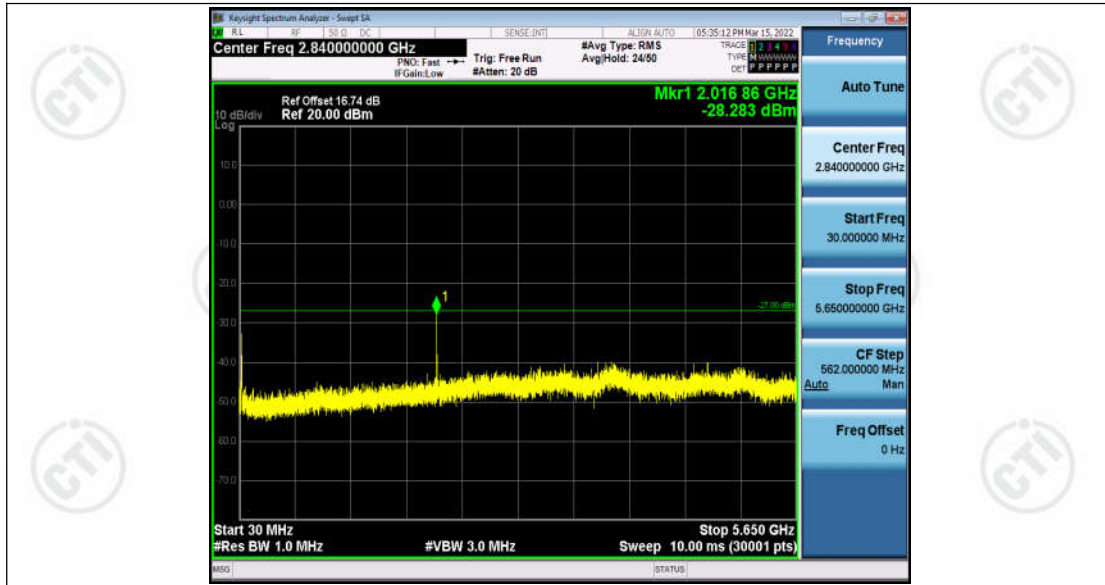
11N20SISO\_Ant2\_5745\_5925~40000



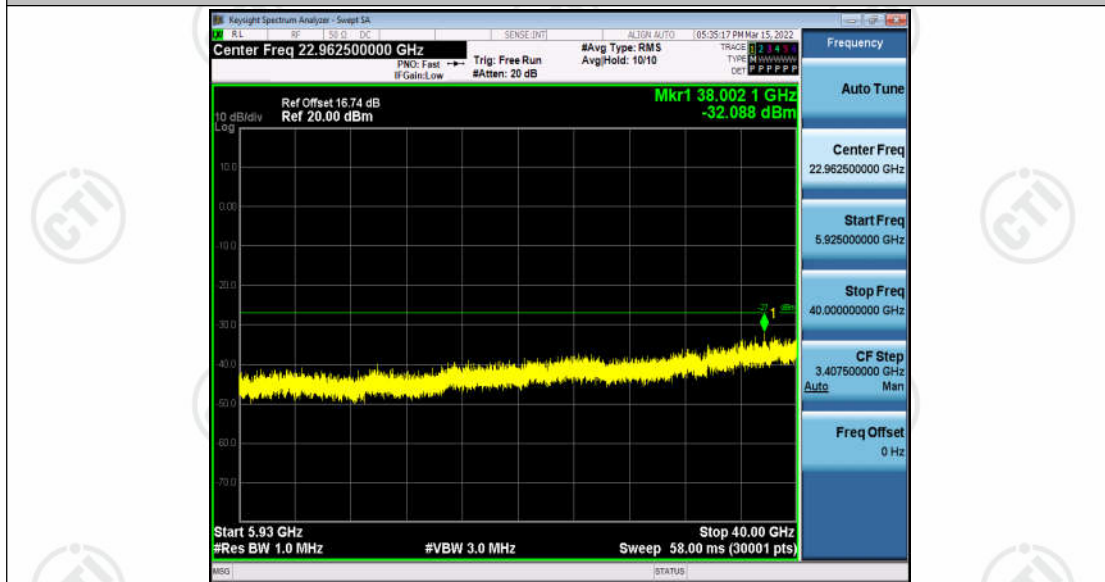
11N20SISO\_Ant1\_5785\_30~5650



11N20SISO\_Ant1\_5785\_5925~40000

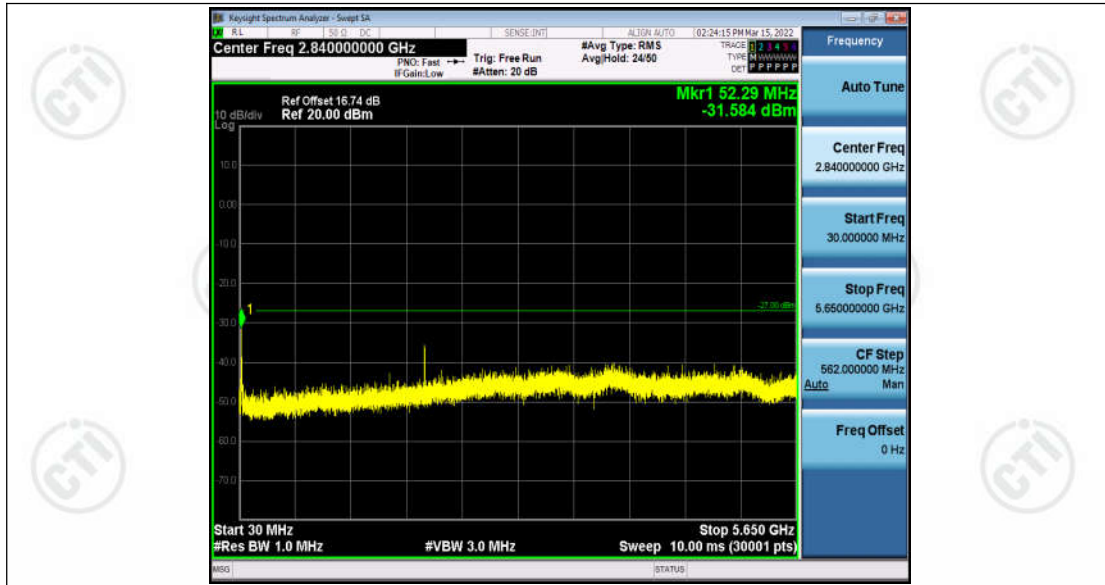


11N20SISO\_Ant2\_5785\_30~5650



11N20SISO\_Ant2\_5785\_5925~40000





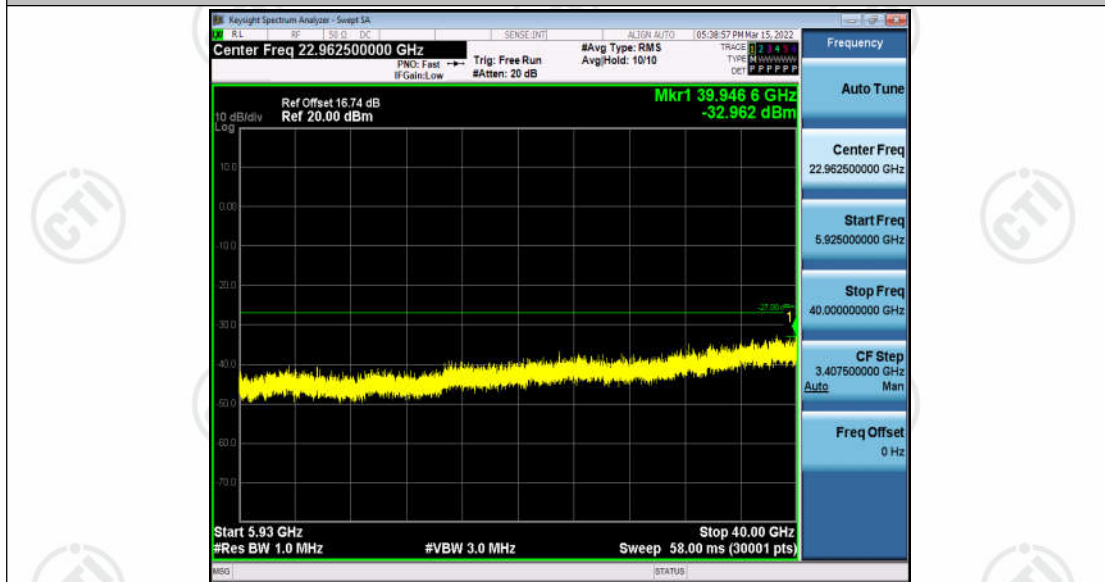
11N20SISO\_Ant1\_5825\_30~5650



11N20SISO\_Ant1\_5825\_5925~40000



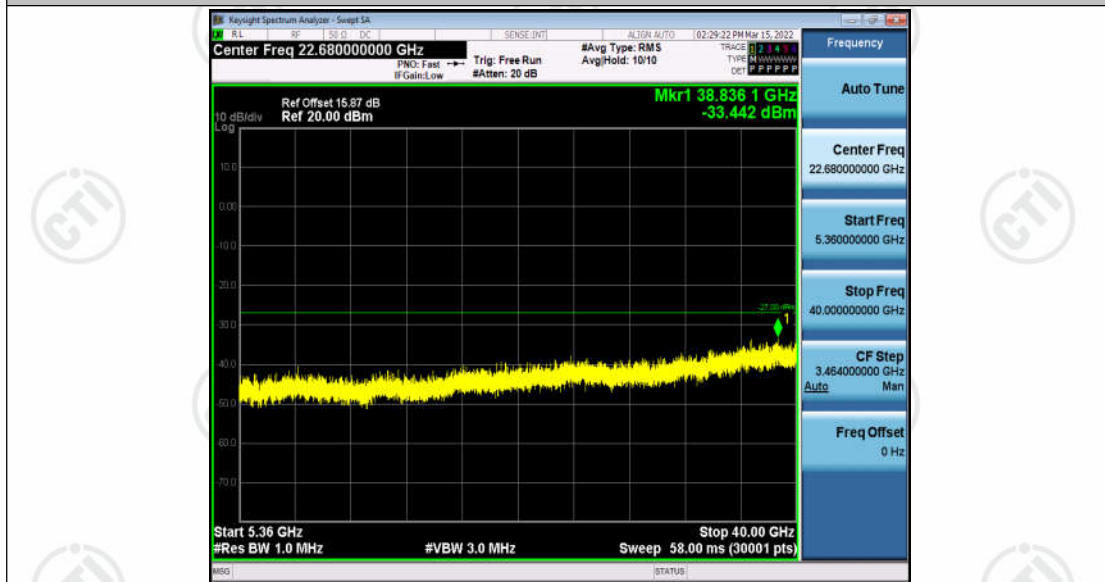
11N20SISO\_Ant2\_5825\_30~5650



11N20SISO\_Ant2\_5825\_5925~40000



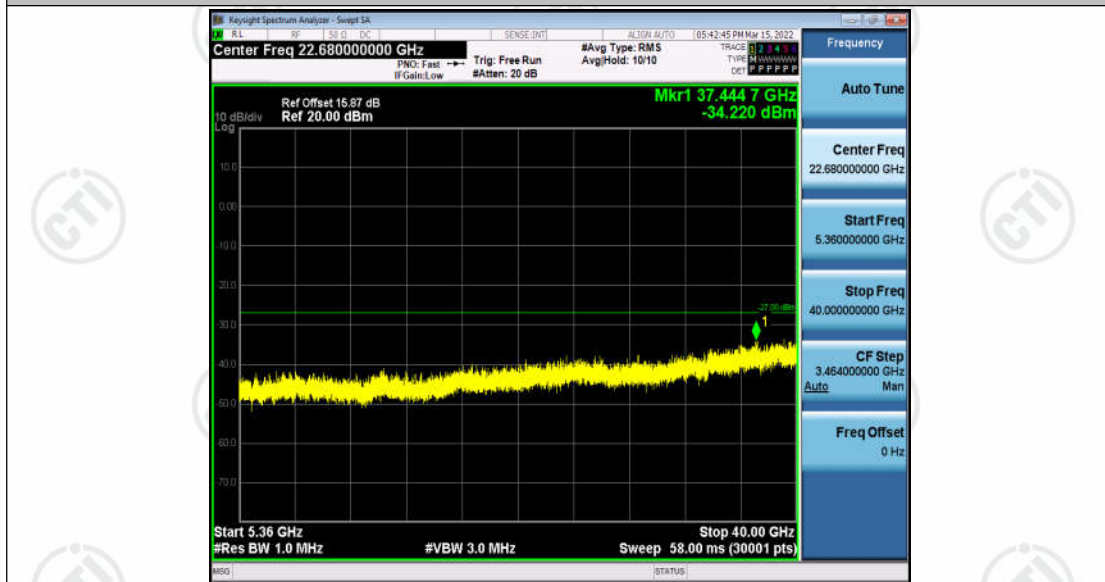
11N40SISO\_Ant1\_5190\_30~5140



11N40SISO\_Ant1\_5190\_5360~40000

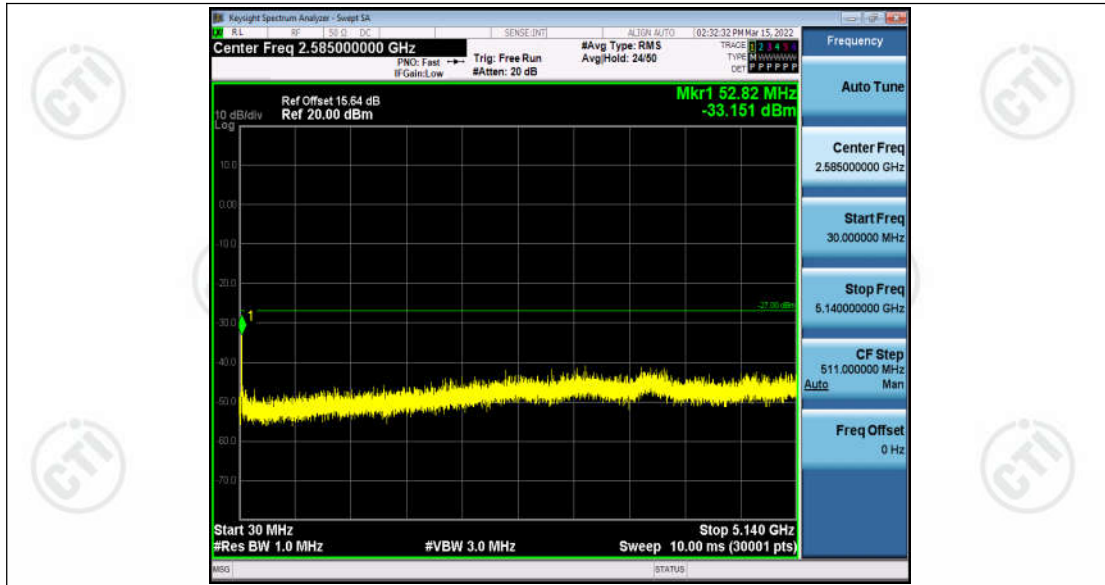


11N40SISO\_Ant2\_5190\_30~5140



11N40SISO\_Ant2\_5190\_5360~40000

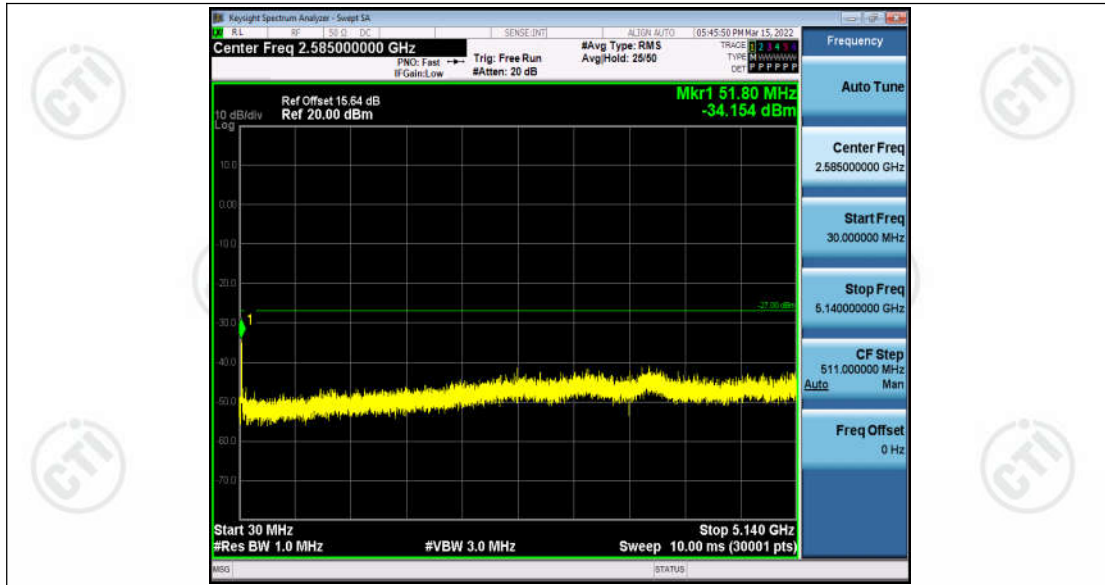




11N40SISO\_Ant1\_5230\_30~5140



11N40SISO\_Ant1\_5230\_5360~40000



11N40SISO\_Ant2\_5230\_30~5140



11N40SISO\_Ant2\_5230\_5360~40000



11N40SISO\_Ant1\_5755\_30~5650



11N40SISO\_Ant1\_5755\_5925~40000



11N40SISO\_Ant2\_5755\_30~5650

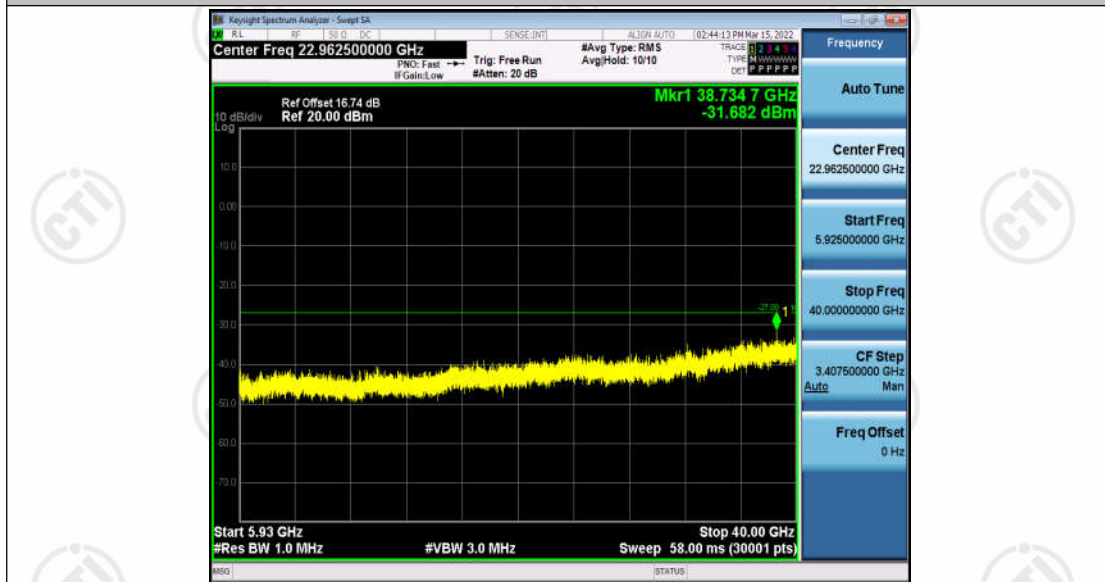


11N40SISO\_Ant2\_5755\_5925~40000

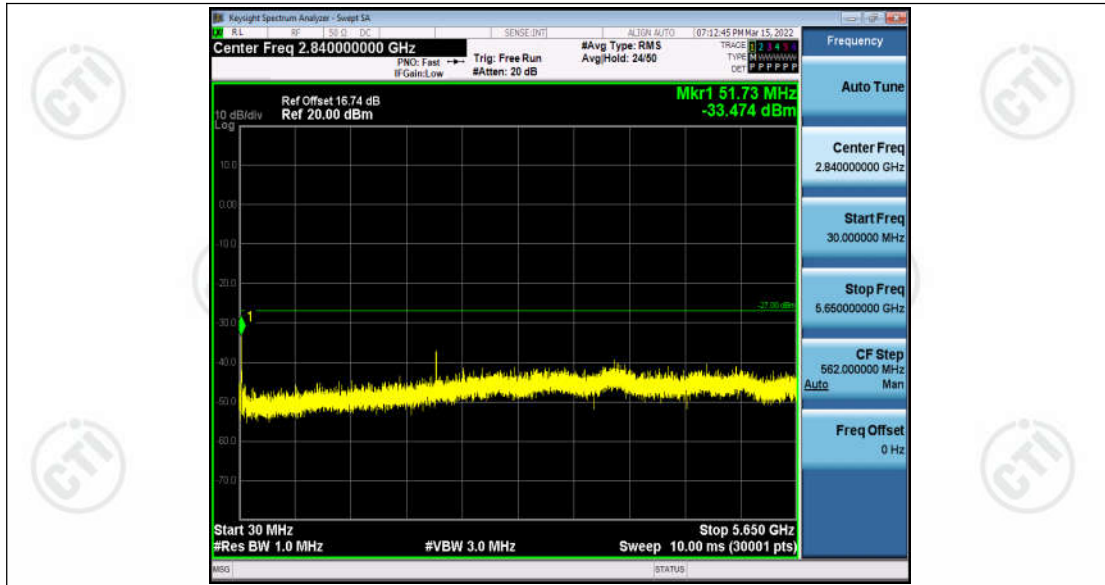




11N40SISO\_Ant1\_5795\_30~5650



11N40SISO\_Ant1\_5795\_5925~40000



11N40SISO\_Ant2\_5795\_30~5650



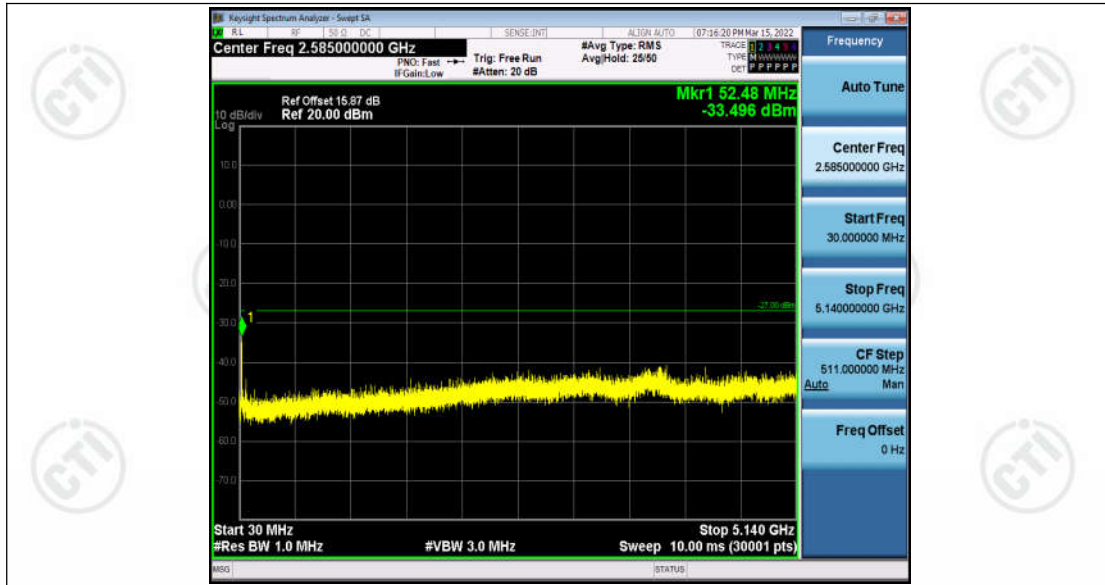
11N40SISO\_Ant2\_5795\_5925~40000



11AC20SISO\_Ant1\_5180\_30~5140



11AC20SISO\_Ant1\_5180\_5360~40000

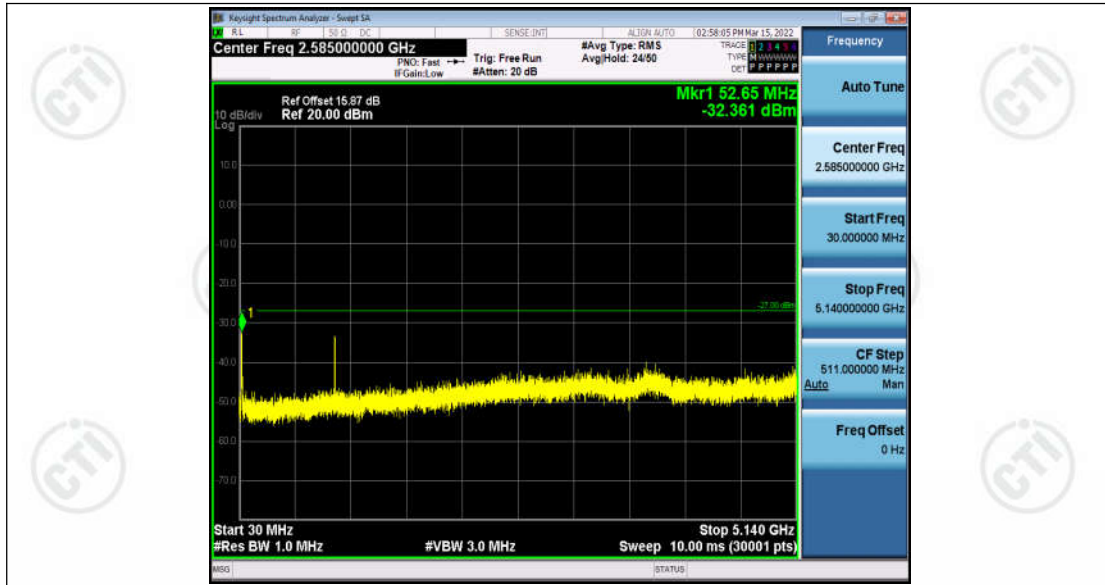


11AC20SISO\_Ant2\_5180\_30~5140

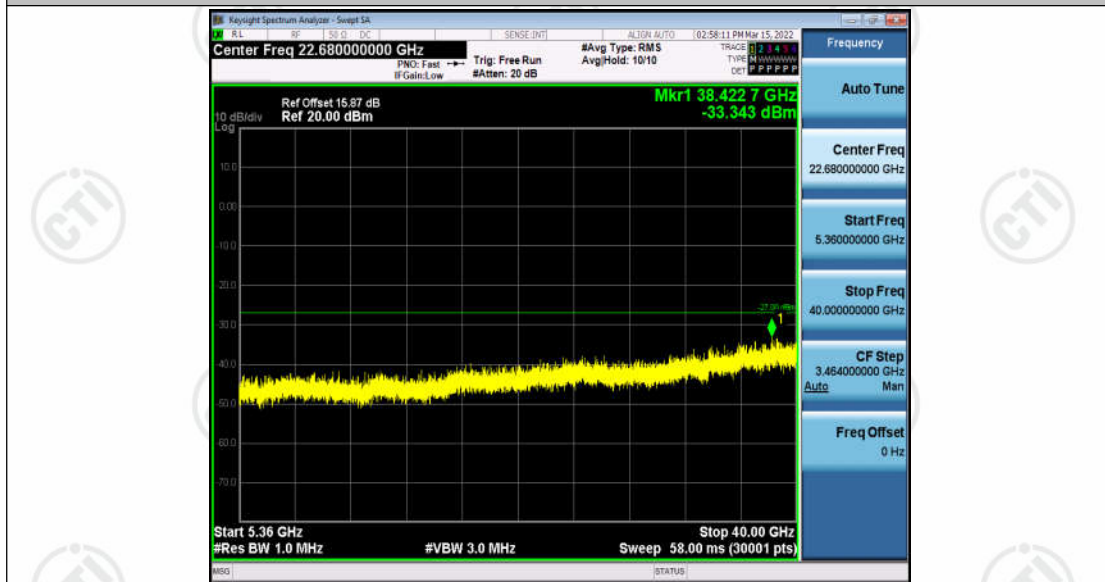


11AC20SISO\_Ant2\_5180\_5360~40000





11AC20SISO\_Ant1\_5200\_30~5140



11AC20SISO\_Ant1\_5200\_5360~40000



11AC20SISO\_Ant2\_5200\_30~5140



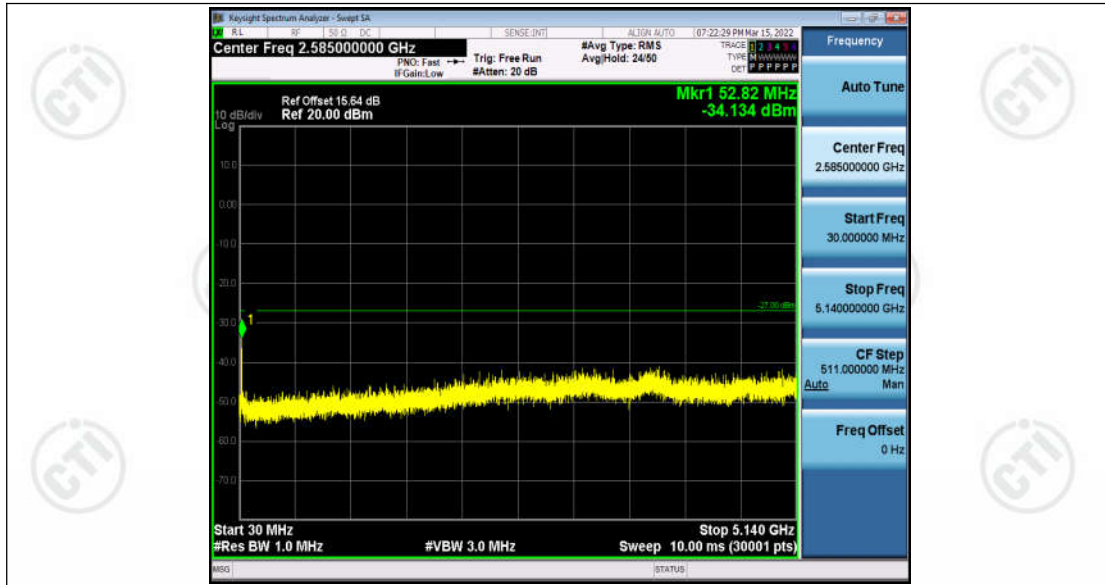
11AC20SISO\_Ant2\_5200\_5360~40000



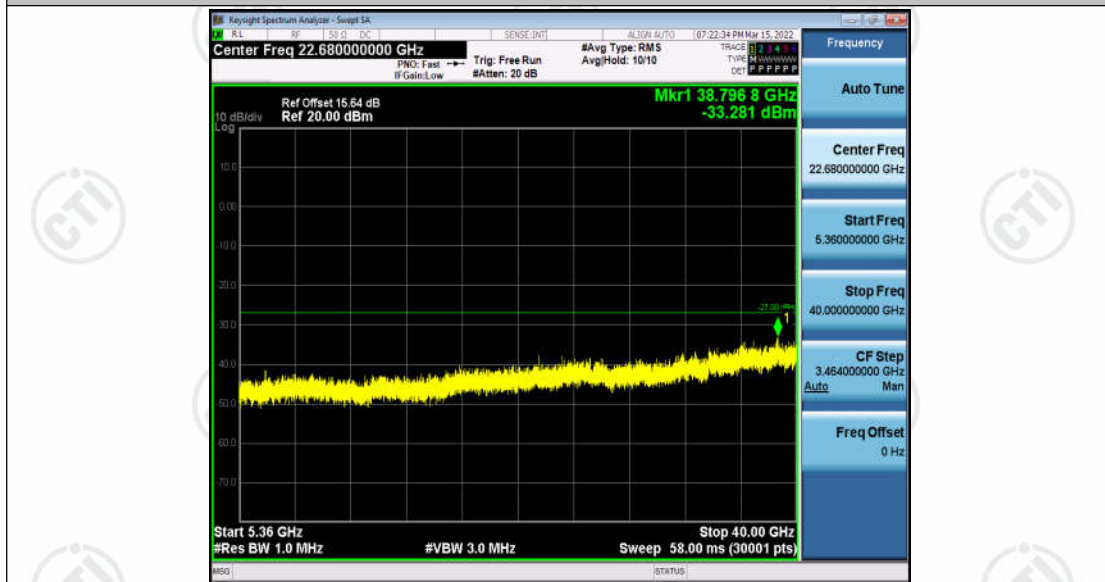
11AC20SISO\_Ant1\_5240\_30~5140



11AC20SISO\_Ant1\_5240\_5360~40000



11AC20SISO\_Ant2\_5240\_30~5140

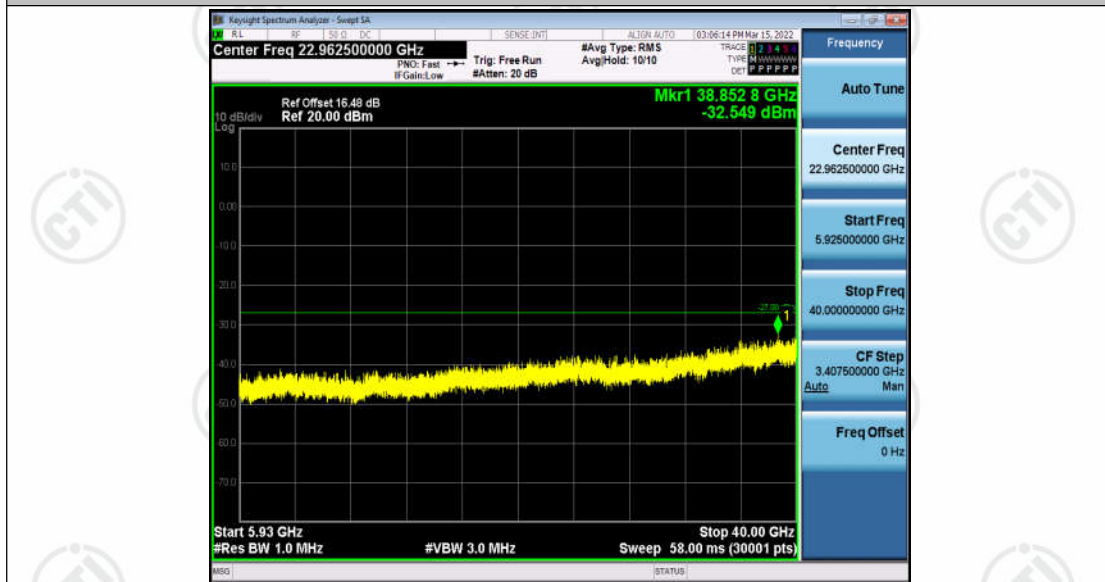


11AC20SISO\_Ant2\_5240\_5360~40000

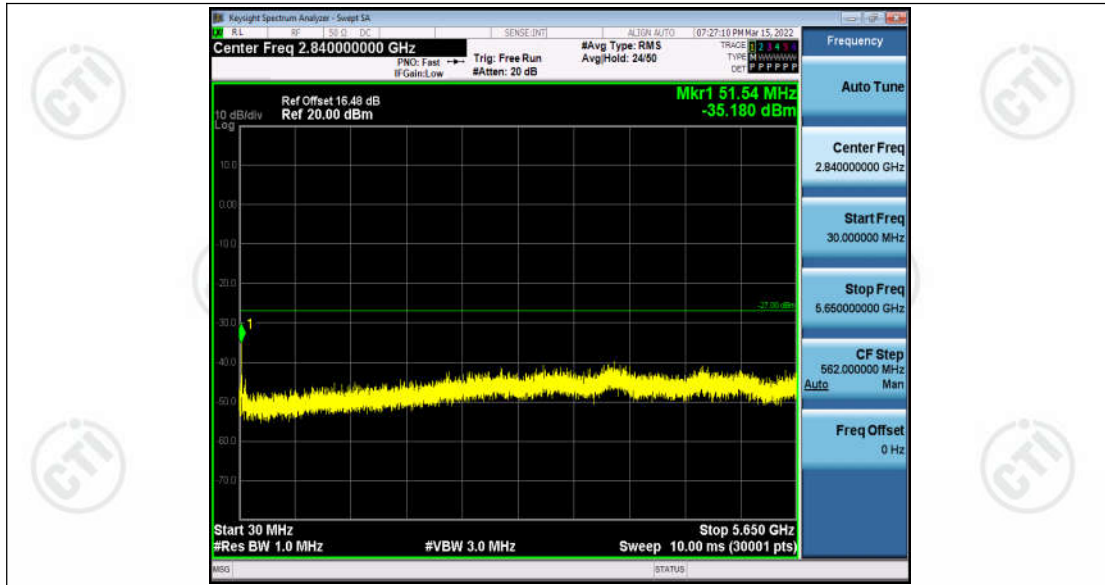




11AC20SISO\_Ant1\_5745\_30~5650



11AC20SISO\_Ant1\_5745\_5925~40000



11AC20SISO\_Ant2\_5745\_30~5650



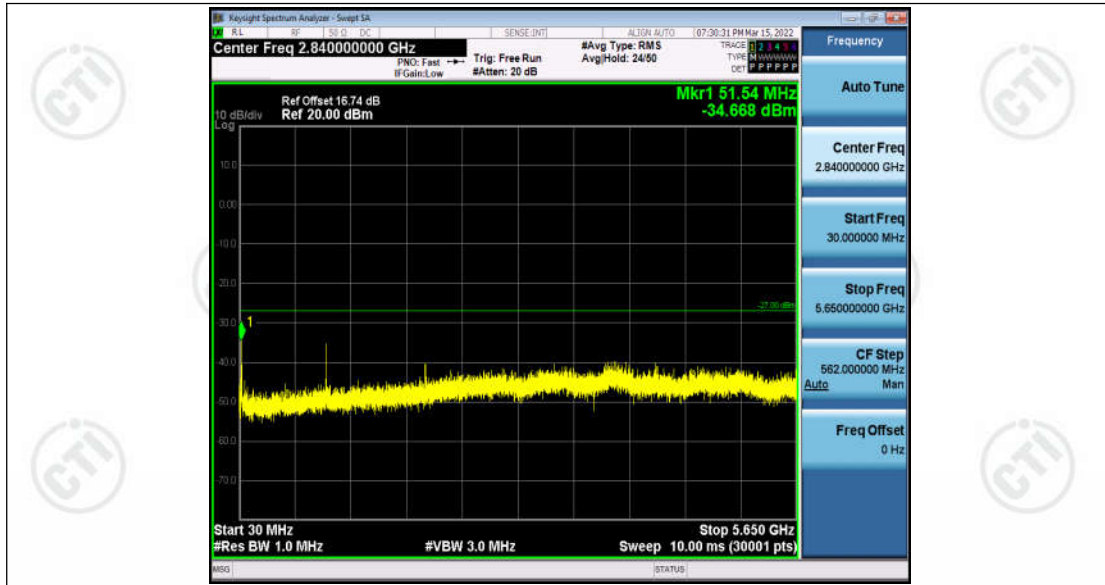
11AC20SISO\_Ant2\_5745\_5925~40000



11AC20SISO\_Ant1\_5785\_30~5650



11AC20SISO\_Ant1\_5785\_5925~40000

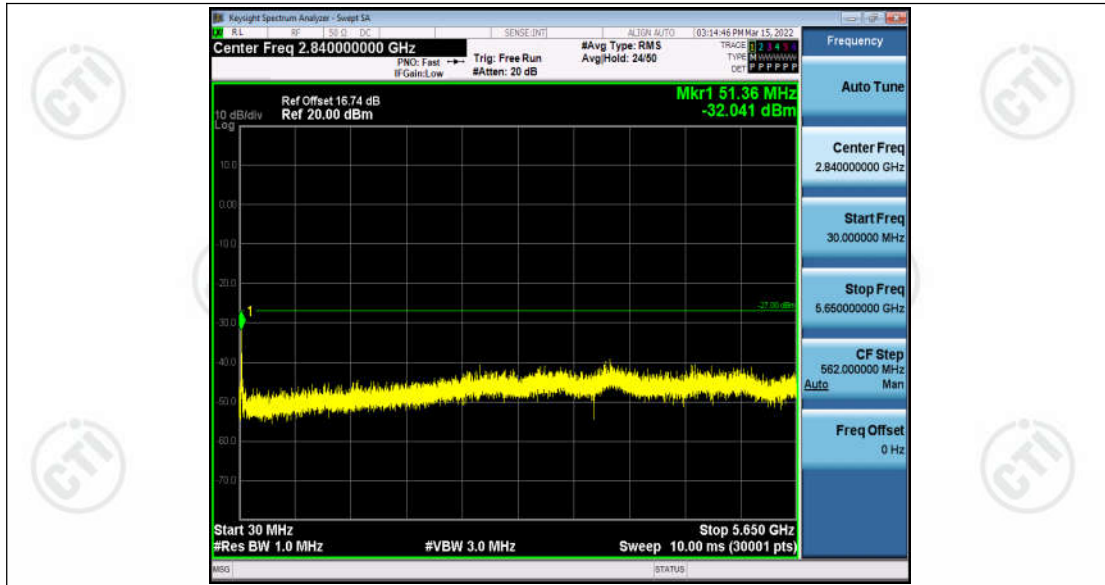


11AC20SISO\_Ant2\_5785\_30~5650



11AC20SISO\_Ant2\_5785\_5925~40000

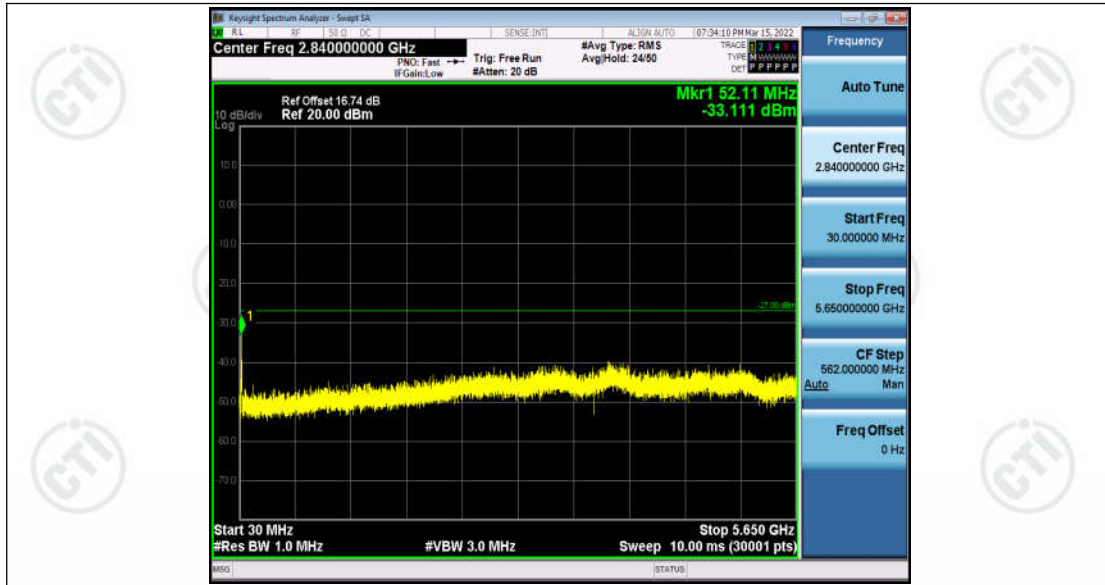




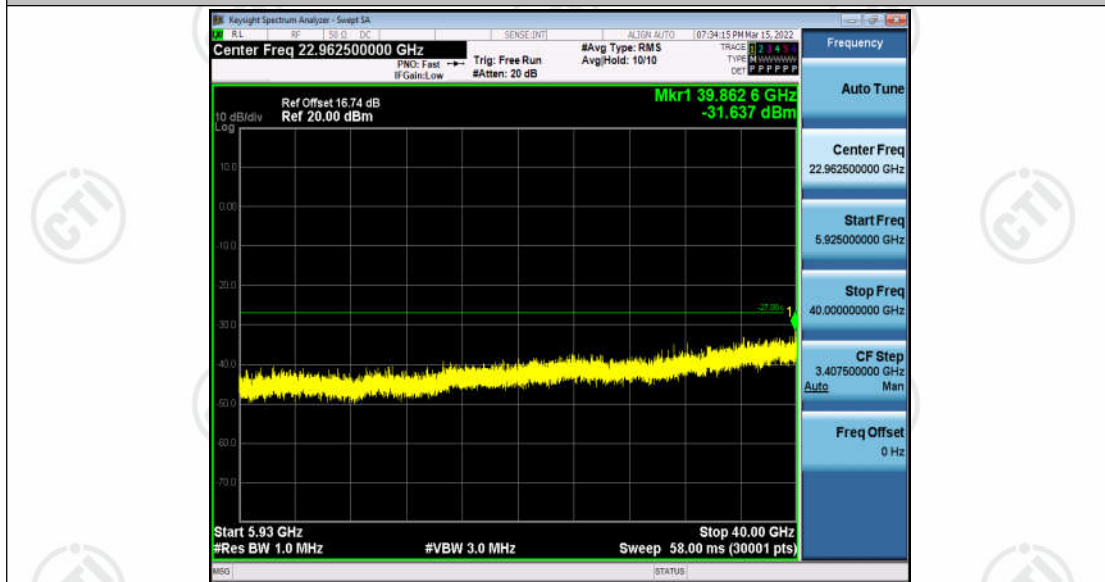
11AC20SISO\_Ant1\_5825\_30~5650



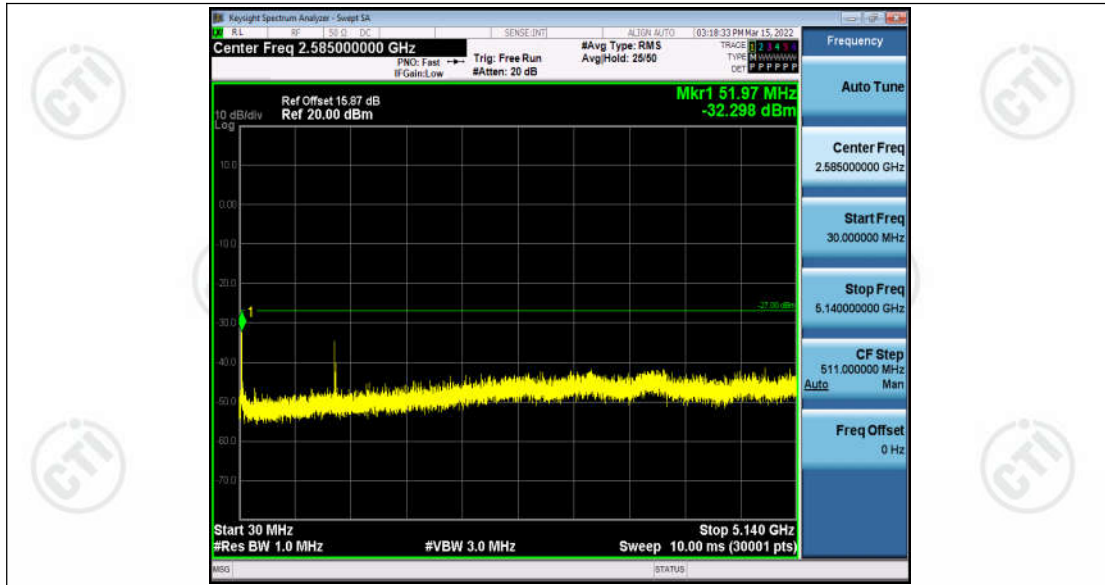
11AC20SISO\_Ant1\_5825\_5925~40000



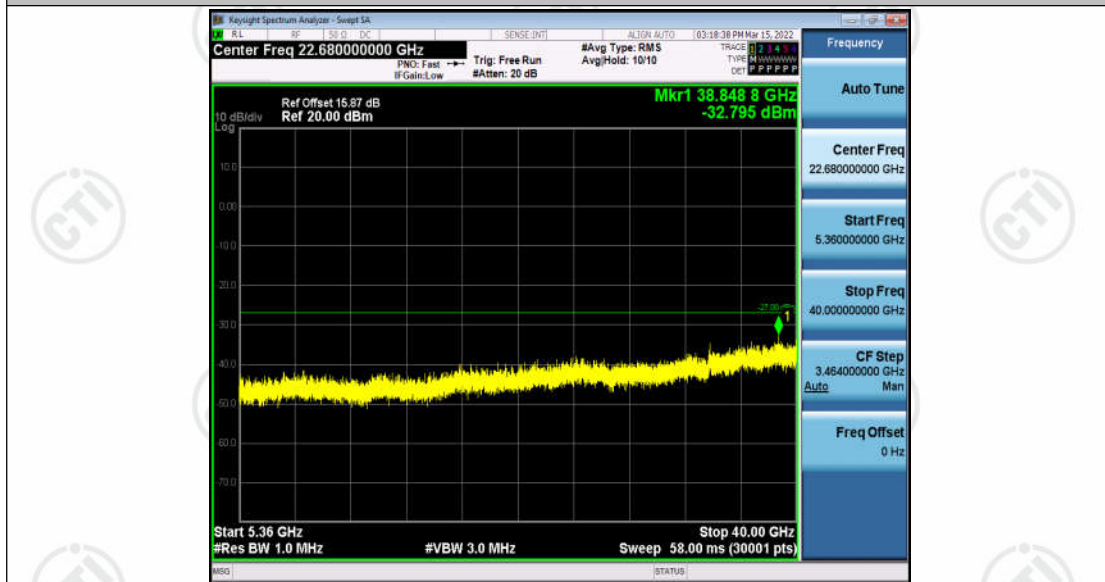
11AC20SISO\_Ant2\_5825\_30~5650



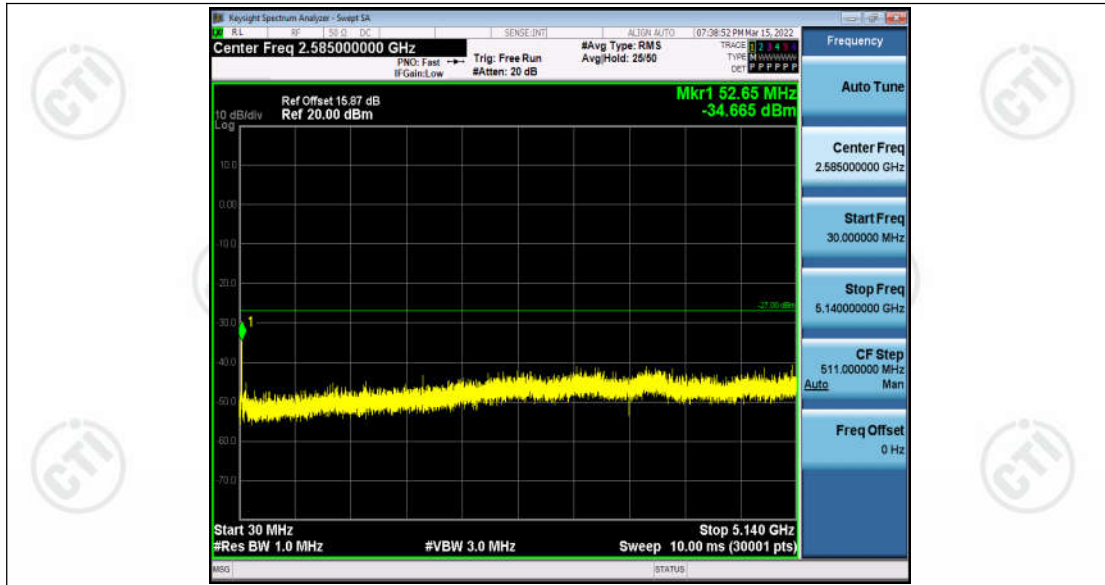
11AC20SISO\_Ant2\_5825\_5925~40000



11AC40SISO\_Ant1\_5190\_30~5140



11AC40SISO\_Ant1\_5190\_5360~40000

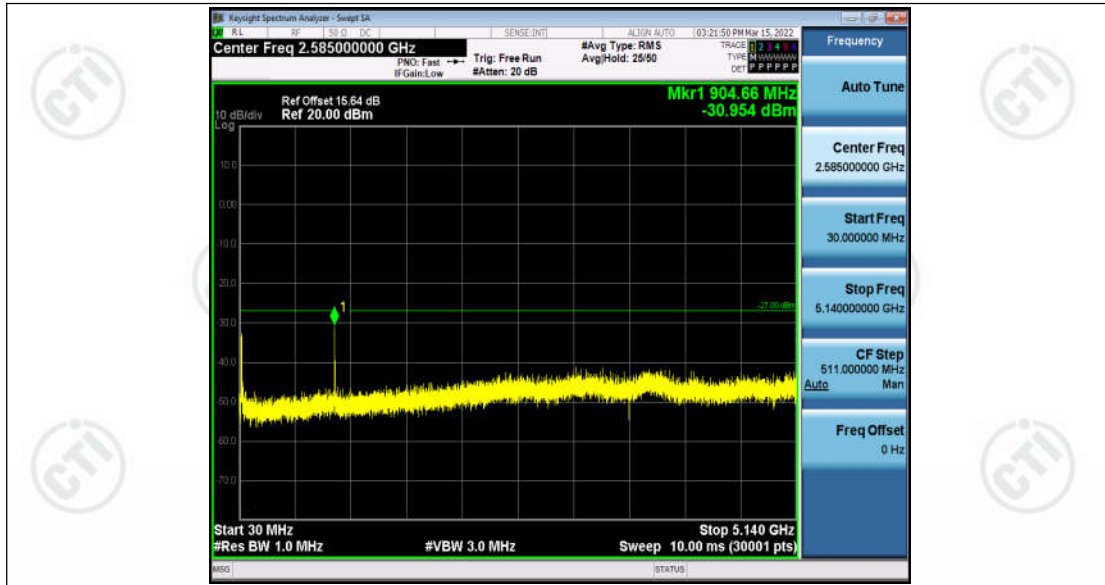


11AC40SISO\_Ant2\_5190\_30~5140



11AC40SISO\_Ant2\_5190\_5360~40000





11AC40SISO\_Ant1\_5230\_30~5140



11AC40SISO\_Ant1\_5230\_5360~40000



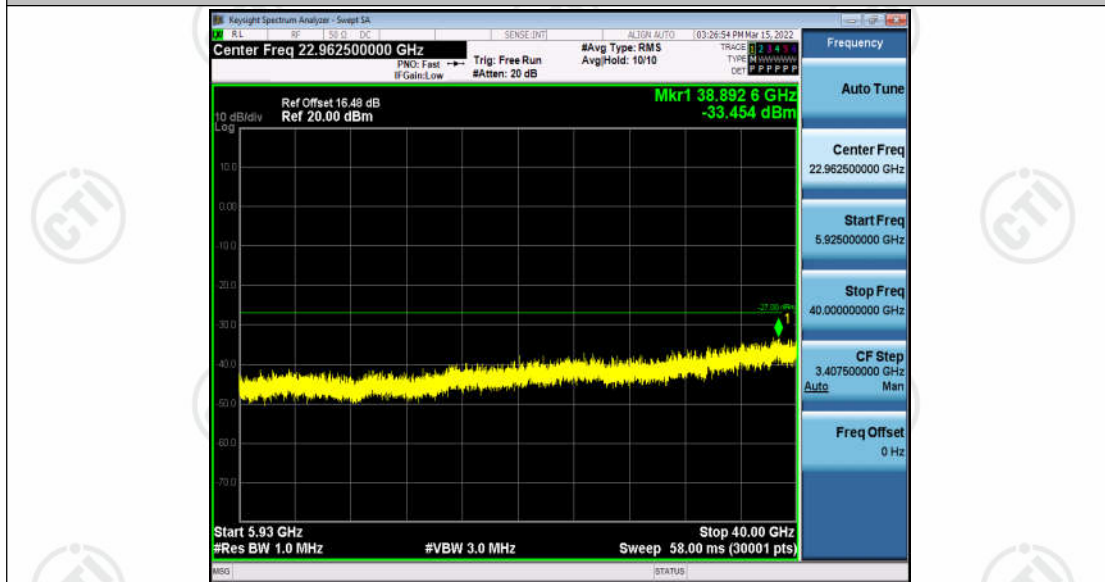
11AC40SISO\_Ant2\_5230\_30~5140



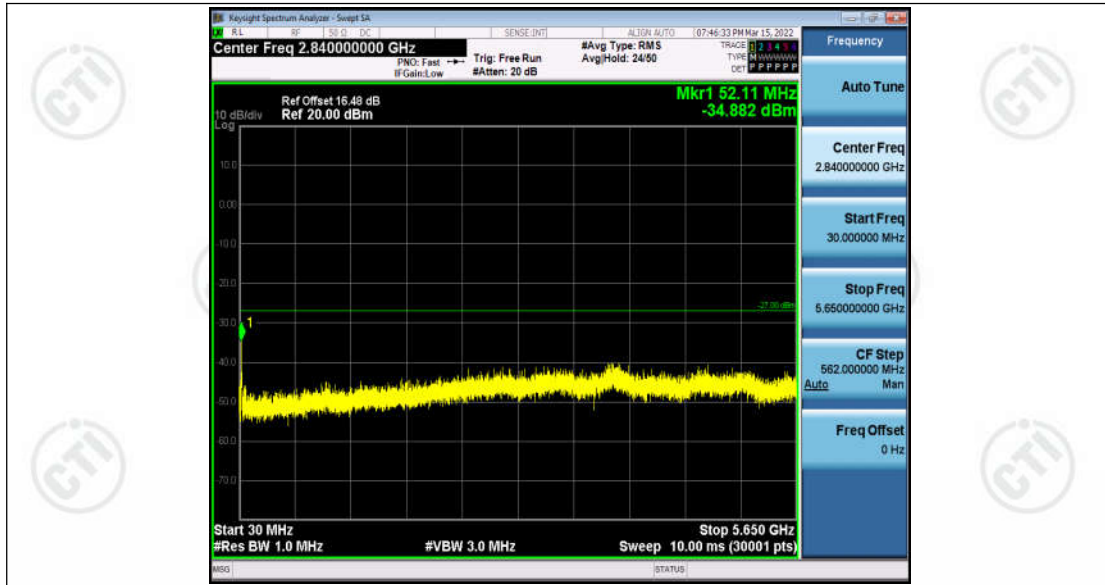
11AC40SISO\_Ant2\_5230\_5360~40000



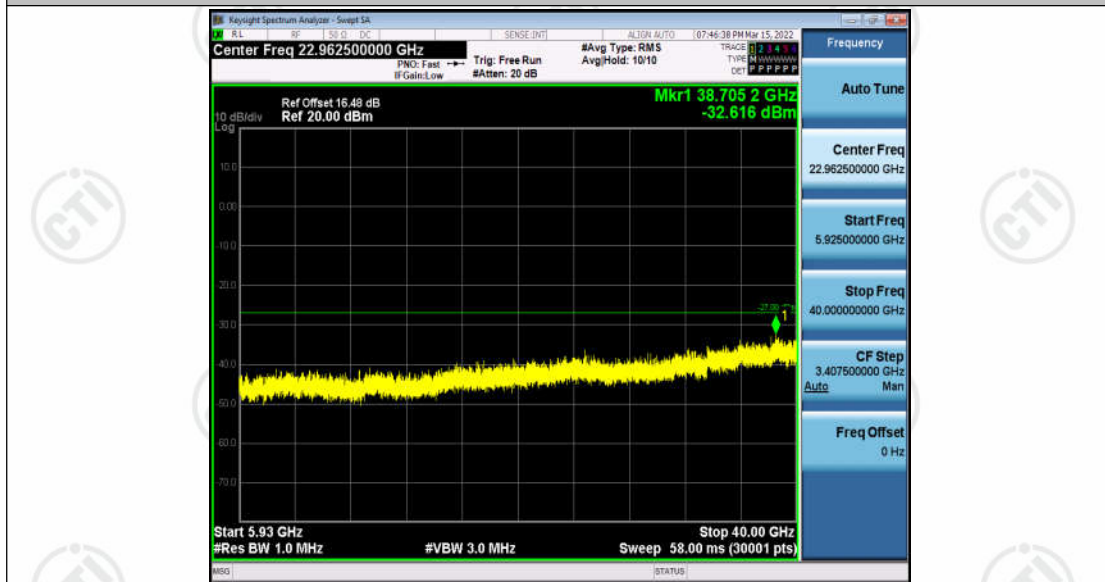
11AC40SISO\_Ant1\_5755\_30~5650



11AC40SISO\_Ant1\_5755\_5925~40000



11AC40SISO\_Ant2\_5755\_30~5650



11AC40SISO\_Ant2\_5755\_5925~40000





11AC40SISO\_Ant1\_5795\_30~5650



11AC40SISO\_Ant1\_5795\_5925~40000



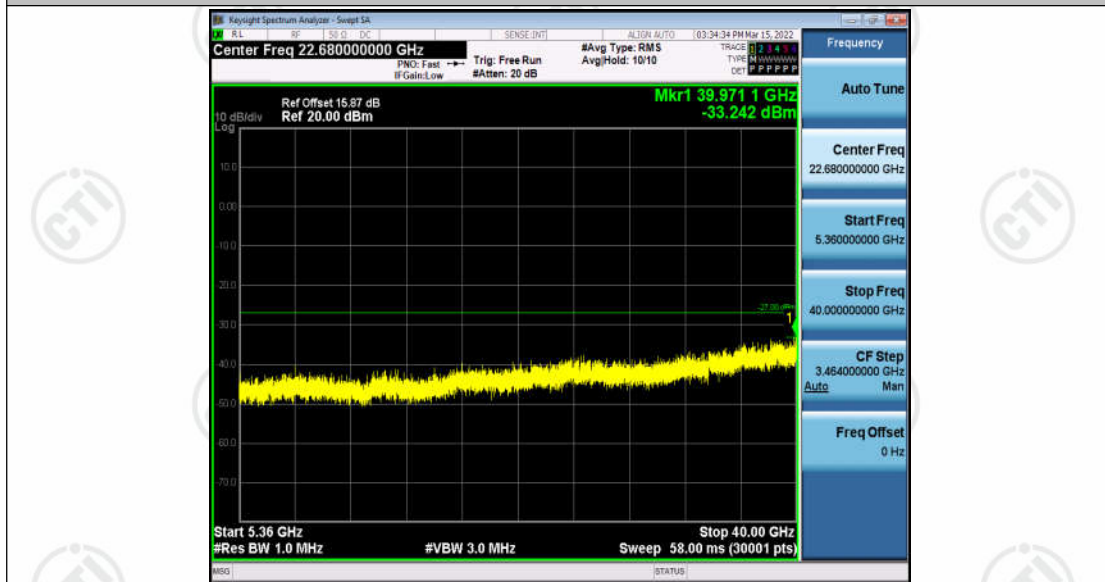
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11AC40SISO\_Ant2\_5795\_5925~40000



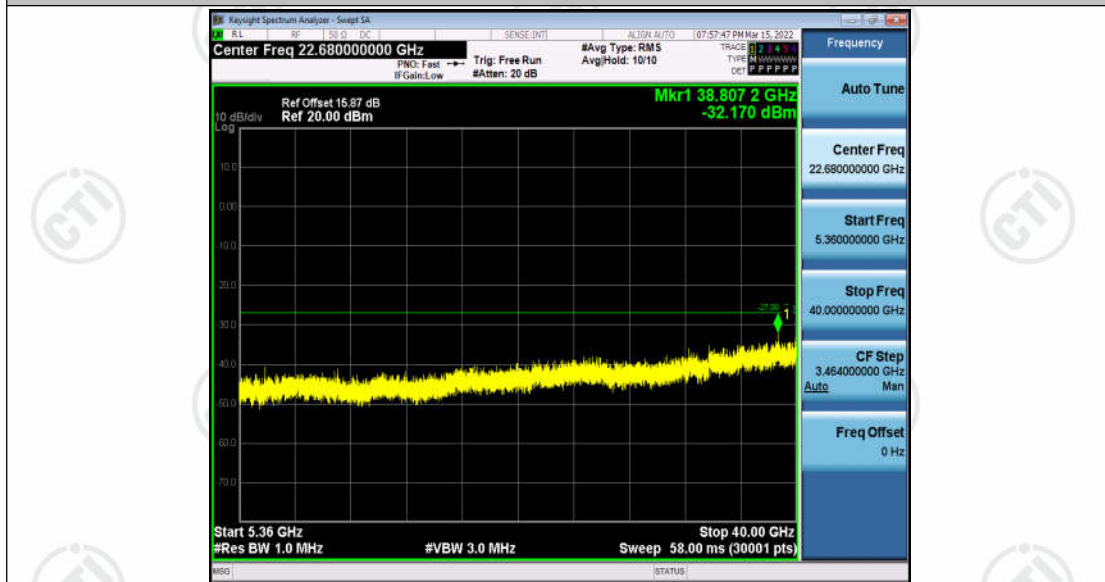
11AC80SISO\_Ant1\_5210\_30~5140



11AC80SISO\_Ant1\_5210\_5360~40000



11AC80SISO\_Ant2\_5210\_30~5140



11AC80SISO\_Ant2\_5210\_5360~40000





11AC80SISO\_Ant1\_5775\_30~5650



11AC80SISO\_Ant1\_5775\_5925~40000



11AC80SISO\_Ant2\_5775\_30~5650



11AC80SISO\_Ant2\_5775\_5925~40000

## Appendix H: Frequency Stability

### Test Result

Voltage								
Test Mode	Antenna	Channel	Voltage [Vdc]	Temperature (°C)	Deviation (Hz)	Deviation (ppm)	Limit (ppm)	Verdict
11A	Ant1	5180	NV	NT	-43000	-8.301158	20	PASS
			LV	NT	-44000	-8.494208	20	PASS
			HV	NT	-44000	-8.494208	20	PASS
	Ant2	5180	NV	NT	-44000	-8.494208	20	PASS
			LV	NT	-43000	-8.301158	20	PASS
			HV	NT	-43000	-8.301158	20	PASS
	Ant1	5200	NV	NT	-43000	-8.269231	20	PASS
			LV	NT	-44000	-8.461538	20	PASS
			HV	NT	-44000	-8.461538	20	PASS
	Ant2	5200	NV	NT	-42000	-8.076923	20	PASS
			LV	NT	-42000	-8.076923	20	PASS
			HV	NT	-42000	-8.076923	20	PASS
	Ant1	5240	NV	NT	-43000	-8.206107	20	PASS
			LV	NT	-44000	-8.396947	20	PASS
			HV	NT	-45000	-8.587786	20	PASS
	Ant2	5240	NV	NT	-43000	-8.206107	20	PASS
			LV	NT	-43000	-8.206107	20	PASS
			HV	NT	-43000	-8.206107	20	PASS
	Ant1	5745	NV	NT	-48000	-8.355091	20	PASS
			LV	NT	-48000	-8.355091	20	PASS
			HV	NT	-48000	-8.355091	20	PASS
	Ant2	5745	NV	NT	-47000	-8.181027	20	PASS
			LV	NT	-48000	-8.355091	20	PASS
			HV	NT	-48000	-8.355091	20	PASS
Ant1	5785	NV	NT	-49000	-8.470182	20	PASS	
		LV	NT	-49000	-8.470182	20	PASS	
		HV	NT	-49000	-8.470182	20	PASS	
Ant2	5785	NV	NT	-47000	-8.12446	20	PASS	
		LV	NT	-48000	-8.297321	20	PASS	
		HV	NT	-49000	-8.470182	20	PASS	
Ant1	5825	NV	NT	-48000	-8.240343	20	PASS	
		LV	NT	-49000	-8.412017	20	PASS	
		HV	NT	-49000	-8.412017	20	PASS	
Ant2	5825	NV	NT	-48000	-8.240343	20	PASS	

11N20SISO			LV	NT	-48000	-8.240343	20	PASS	
			HV	NT	-48000	-8.240343	20	PASS	
	Ant1	5180	NV	NT	-43000	-8.301158	20	PASS	
			LV	NT	-44000	-8.494208	20	PASS	
				HV	NT	-43000	-8.301158	20	PASS
				NV	NT	-29000	-5.598456	20	PASS
	Ant2	5180		LV	NT	-29000	-5.598456	20	PASS
				HV	NT	-29000	-5.598456	20	PASS
				NV	NT	-44000	-8.461538	20	PASS
				LV	NT	-44000	-8.461538	20	PASS
	Ant1	5200		HV	NT	-44000	-8.461538	20	PASS
				NV	NT	-32000	-6.153846	20	PASS
	Ant2	5200		LV	NT	-34000	-6.538462	20	PASS
				HV	NT	-33000	-6.346154	20	PASS
				NV	NT	-44000	-8.396947	20	PASS
				LV	NT	-44000	-8.396947	20	PASS
	Ant1	5240		HV	NT	-44000	-8.396947	20	PASS
				NV	NT	-44000	-8.396947	20	PASS
	Ant2	5240		LV	NT	-44000	-8.396947	20	PASS
				HV	NT	-43000	-8.206107	20	PASS
				NV	NT	-48000	-8.355091	20	PASS
				LV	NT	-49000	-8.529156	20	PASS
	Ant1	5745		HV	NT	-48000	-8.355091	20	PASS
				NV	NT	-48000	-8.355091	20	PASS
	Ant2	5745		LV	NT	-49000	-8.529156	20	PASS
				HV	NT	-47000	-8.181027	20	PASS
				NV	NT	-49000	-8.470182	20	PASS
				LV	NT	-49000	-8.470182	20	PASS
	Ant1	5785		HV	NT	-49000	-8.470182	20	PASS
				NV	NT	-47000	-8.12446	20	PASS
	Ant2	5785		LV	NT	-49000	-8.470182	20	PASS
				HV	NT	-48000	-8.297321	20	PASS
				NV	NT	-49000	-8.412017	20	PASS
				LV	NT	-49000	-8.412017	20	PASS
	Ant1	5825		HV	NT	-49000	-8.412017	20	PASS
				NV	NT	-48000	-8.240343	20	PASS
	Ant2	5825		LV	NT	-47000	-8.06867	20	PASS
				HV	NT	-47000	-8.06867	20	PASS
	11N40SISO	Ant1	5190	NV	NT	-43000	-8.285164	20	PASS
				LV	NT	-44000	-8.477842	20	PASS
				HV	NT	-43000	-8.285164	20	PASS



11AC20SISO	Ant2	5190	NV	NT	-44000	-8.477842	20	PASS
			LV	NT	-43000	-8.285164	20	PASS
			HV	NT	-43000	-8.285164	20	PASS
	Ant1	5230	NV	NT	-44000	-8.413002	20	PASS
			LV	NT	-44000	-8.413002	20	PASS
			HV	NT	-44000	-8.413002	20	PASS
	Ant2	5230	NV	NT	-43000	-8.221797	20	PASS
			LV	NT	-44000	-8.413002	20	PASS
			HV	NT	-42000	-8.030593	20	PASS
	Ant1	5755	NV	NT	-47000	-8.166811	20	PASS
			LV	NT	-47000	-8.166811	20	PASS
			HV	NT	-48000	-8.340573	20	PASS
	Ant2	5755	NV	NT	-47000	-8.166811	20	PASS
			LV	NT	-47000	-8.166811	20	PASS
			HV	NT	-47000	-8.166811	20	PASS
	Ant1	5795	NV	NT	-48000	-8.283003	20	PASS
			LV	NT	-48000	-8.283003	20	PASS
			HV	NT	-48000	-8.283003	20	PASS
	Ant2	5795	NV	NT	-48000	-8.283003	20	PASS
			LV	NT	-49000	-8.455565	20	PASS
			HV	NT	-46000	-7.937877	20	PASS
	Ant1	5180	NV	NT	-43000	-8.301158	20	PASS
			LV	NT	-42000	-8.108108	20	PASS
			HV	NT	-42000	-8.108108	20	PASS
Ant2		5180	NV	NT	-42000	-8.108108	20	PASS
			LV	NT	-42000	-8.108108	20	PASS
			HV	NT	-43000	-8.301158	20	PASS
Ant1		5200	NV	NT	-43000	-8.269231	20	PASS
			LV	NT	-43000	-8.269231	20	PASS
			HV	NT	-44000	-8.461538	20	PASS
Ant2	5200	NV	NT	-42000	-8.076923	20	PASS	
		LV	NT	-40000	-7.692308	20	PASS	
		HV	NT	-42000	-8.076923	20	PASS	
Ant1	5240	NV	NT	-43000	-8.206107	20	PASS	
		LV	NT	-44000	-8.396947	20	PASS	
		HV	NT	-43000	-8.206107	20	PASS	
Ant2	5240	NV	NT	-40000	-7.633588	20	PASS	
		LV	NT	-42000	-8.015267	20	PASS	
		HV	NT	-42000	-8.015267	20	PASS	
Ant1	5745	NV	NT	-47000	-8.181027	20	PASS	
		LV	NT	-48000	-8.355091	20	PASS	

	Ant2	5745	HV	NT	-47000	-8.181027	20	PASS
			NV	NT	-41000	-7.136641	20	PASS
			LV	NT	-42000	-7.310705	20	PASS
	Ant1	5785	HV	NT	-42000	-7.310705	20	PASS
			NV	NT	-48000	-8.297321	20	PASS
			LV	NT	-48000	-8.297321	20	PASS
	Ant2	5785	NV	NT	-41000	-7.087295	20	PASS
			LV	NT	-43000	-7.433016	20	PASS
			HV	NT	-42000	-7.260156	20	PASS
	Ant1	5825	NV	NT	-48000	-8.240343	20	PASS
			LV	NT	-48000	-8.240343	20	PASS
			HV	NT	-48000	-8.240343	20	PASS
Ant2	5825	NV	NT	-43000	-7.381974	20	PASS	
		LV	NT	-42000	-7.2103	20	PASS	
		HV	NT	-41000	-7.038627	20	PASS	
11AC40SISO	Ant1	5190	NV	NT	-42000	-8.092486	20	PASS
			LV	NT	-43000	-8.285164	20	PASS
			HV	NT	-43000	-8.285164	20	PASS
	Ant2	5190	NV	NT	-36000	-6.936416	20	PASS
			LV	NT	-36000	-6.936416	20	PASS
			HV	NT	-37000	-7.129094	20	PASS
	Ant1	5230	NV	NT	-43000	-8.221797	20	PASS
			LV	NT	-43000	-8.221797	20	PASS
			HV	NT	-44000	-8.413002	20	PASS
	Ant2	5230	NV	NT	-38000	-7.265774	20	PASS
			LV	NT	-36000	-6.883365	20	PASS
			HV	NT	-37000	-7.07457	20	PASS
	Ant1	5755	NV	NT	-47000	-8.166811	20	PASS
			LV	NT	-47000	-8.166811	20	PASS
			HV	NT	-48000	-8.340573	20	PASS
	Ant2	5755	NV	NT	-41000	-7.12424	20	PASS
			LV	NT	-40000	-6.950478	20	PASS
			HV	NT	-42000	-7.298002	20	PASS
	Ant1	5795	NV	NT	-48000	-8.283003	20	PASS
			LV	NT	-48000	-8.283003	20	PASS
			HV	NT	-48000	-8.283003	20	PASS
	Ant2	5795	NV	NT	-41000	-7.075065	20	PASS
			LV	NT	-42000	-7.247627	20	PASS
			HV	NT	-43000	-7.42019	20	PASS
11AC80SISO	Ant1	5210	NV	NT	-42000	-8.06142	20	PASS

	Ant2	5210	LV	NT	-43000	-8.253359	20	PASS
			HV	NT	-42000	-8.06142	20	PASS
			NV	NT	-36000	-6.909789	20	PASS
			LV	NT	-38000	-7.293666	20	PASS
			HV	NT	-39000	-7.485605	20	PASS
			NV	NT	-46000	-7.965368	20	PASS
	Ant1	5775	LV	NT	-48000	-8.311688	20	PASS
			HV	NT	-48000	-8.311688	20	PASS
			NV	NT	-41000	-7.099567	20	PASS
	Ant2	5775	LV	NT	-41000	-7.099567	20	PASS
			HV	NT	-42000	-7.272727	20	PASS
			NV	NT	-41000	-7.099567	20	PASS

Temperature								
Test Mode	Antenna	Channel	Voltage [Vdc]	Temperature (°C)	Deviation (Hz)	Deviation (ppm)	Limit (ppm)	Verdict
11A	Ant1	5180	NV	-30	-43000	-8.301158	20	PASS
			NV	-20	-43000	-8.301158	20	PASS
			NV	-10	-43000	-8.301158	20	PASS
			NV	0	-44000	-8.494208	20	PASS
			NV	10	-43000	-8.301158	20	PASS
			NV	20	-43000	-8.301158	20	PASS
			NV	30	-43000	-8.301158	20	PASS
			NV	40	-44000	-8.494208	20	PASS
			NV	50	-44000	-8.494208	20	PASS
	Ant2	5180	NV	-30	-43000	-8.301158	20	PASS
			NV	-20	-44000	-8.494208	20	PASS
			NV	-10	-44000	-8.494208	20	PASS
			NV	0	-43000	-8.301158	20	PASS
			NV	10	-43000	-8.301158	20	PASS
			NV	20	-44000	-8.494208	20	PASS
			NV	30	-43000	-8.301158	20	PASS
			NV	40	-43000	-8.301158	20	PASS
			NV	50	-43000	-8.301158	20	PASS
	Ant1	5200	NV	-30	-43000	-8.269231	20	PASS
			NV	-20	-44000	-8.461538	20	PASS
			NV	-10	-44000	-8.461538	20	PASS
			NV	0	-44000	-8.461538	20	PASS
			NV	10	-44000	-8.461538	20	PASS
			NV	20	-43000	-8.269231	20	PASS
			NV	30	-43000	-8.269231	20	PASS
			NV	40	-44000	-8.461538	20	PASS
			NV	50	-43000	-8.269231	20	PASS

	Ant2	5200	NV	-30	-43000	-8.269231	20	PASS
			NV	-20	-45000	-8.653846	20	PASS
			NV	-10	-43000	-8.269231	20	PASS
			NV	0	-44000	-8.461538	20	PASS
			NV	10	-42000	-8.076923	20	PASS
			NV	20	-42000	-8.076923	20	PASS
			NV	30	-43000	-8.269231	20	PASS
			NV	40	-43000	-8.269231	20	PASS
			NV	50	-42000	-8.076923	20	PASS
	Ant1	5240	NV	-30	-45000	-8.587786	20	PASS
			NV	-20	-44000	-8.396947	20	PASS
			NV	-10	-44000	-8.396947	20	PASS
			NV	0	-44000	-8.396947	20	PASS
			NV	10	-44000	-8.396947	20	PASS
			NV	20	-45000	-8.587786	20	PASS
			NV	30	-44000	-8.396947	20	PASS
			NV	40	-44000	-8.396947	20	PASS
			NV	50	-45000	-8.587786	20	PASS
	Ant2	5240	NV	-30	-45000	-8.587786	20	PASS
			NV	-20	-44000	-8.396947	20	PASS
NV			-10	-44000	-8.396947	20	PASS	
NV			0	-44000	-8.396947	20	PASS	
NV			10	-45000	-8.587786	20	PASS	
NV			20	-43000	-8.206107	20	PASS	
NV			30	-44000	-8.396947	20	PASS	
NV			40	-43000	-8.206107	20	PASS	
NV			50	-43000	-8.206107	20	PASS	
Ant1	5745	NV	-30	-48000	-8.355091	20	PASS	
		NV	-20	-49000	-8.529156	20	PASS	
		NV	-10	-48000	-8.355091	20	PASS	
		NV	0	-48000	-8.355091	20	PASS	
		NV	10	-48000	-8.355091	20	PASS	
		NV	20	-48000	-8.355091	20	PASS	
		NV	30	-49000	-8.529156	20	PASS	
		NV	40	-48000	-8.355091	20	PASS	
		NV	50	-48000	-8.355091	20	PASS	
Ant2	5745	NV	-30	-47000	-8.181027	20	PASS	
		NV	-20	-48000	-8.355091	20	PASS	
		NV	-10	-47000	-8.181027	20	PASS	
		NV	0	-48000	-8.355091	20	PASS	
		NV	10	-47000	-8.181027	20	PASS	



			NV	20	-47000	-8.181027	20	PASS		
			NV	30	-48000	-8.355091	20	PASS		
			NV	40	-47000	-8.181027	20	PASS		
			NV	50	-47000	-8.181027	20	PASS		
	Ant1	5785	NV	-30	-48000	-8.297321	20	PASS		
			NV	-20	-49000	-8.470182	20	PASS		
			NV	-10	-49000	-8.470182	20	PASS		
			NV	0	-49000	-8.470182	20	PASS		
			NV	10	-48000	-8.297321	20	PASS		
			NV	20	-49000	-8.470182	20	PASS		
			NV	30	-49000	-8.470182	20	PASS		
			NV	40	-49000	-8.470182	20	PASS		
			NV	50	-49000	-8.470182	20	PASS		
			Ant2	5785	NV	-30	-48000	-8.297321	20	PASS
					NV	-20	-48000	-8.297321	20	PASS
					NV	-10	-49000	-8.470182	20	PASS
	NV	0			-47000	-8.12446	20	PASS		
	NV	10			-49000	-8.470182	20	PASS		
	NV	20			-49000	-8.470182	20	PASS		
	NV	30			-48000	-8.297321	20	PASS		
	NV	40			-49000	-8.470182	20	PASS		
	Ant1	5825	NV	-30	-50000	-8.583691	20	PASS		
			NV	-20	-49000	-8.412017	20	PASS		
			NV	-10	-49000	-8.412017	20	PASS		
			NV	0	-50000	-8.583691	20	PASS		
			NV	10	-50000	-8.583691	20	PASS		
			NV	20	-49000	-8.412017	20	PASS		
			NV	30	-48000	-8.240343	20	PASS		
			NV	40	-49000	-8.412017	20	PASS		
			NV	50	-49000	-8.412017	20	PASS		
	Ant2	5825	NV	-30	-49000	-8.412017	20	PASS		
			NV	-20	-48000	-8.240343	20	PASS		
NV			-10	-48000	-8.240343	20	PASS			
NV			0	-48000	-8.240343	20	PASS			
NV			10	-48000	-8.240343	20	PASS			
NV			20	-50000	-8.583691	20	PASS			
NV			30	-48000	-8.240343	20	PASS			
NV			40	-49000	-8.412017	20	PASS			
NV			50	-48000	-8.240343	20	PASS			
11N20SISO	Ant1	5180	NV	-30	-43000	-8.301158	20	PASS		

			NV	-20	-43000	-8.301158	20	PASS
			NV	-10	-44000	-8.494208	20	PASS
			NV	0	-43000	-8.301158	20	PASS
			NV	10	-43000	-8.301158	20	PASS
			NV	20	-44000	-8.494208	20	PASS
			NV	30	-44000	-8.494208	20	PASS
			NV	40	-43000	-8.301158	20	PASS
			NV	50	-43000	-8.301158	20	PASS
	Ant2	5180	NV	-30	-31000	-5.984556	20	PASS
			NV	-20	-30000	-5.791506	20	PASS
			NV	-10	-32000	-6.177606	20	PASS
			NV	0	-32000	-6.177606	20	PASS
			NV	10	-30000	-5.791506	20	PASS
			NV	20	-30000	-5.791506	20	PASS
			NV	30	-31000	-5.984556	20	PASS
			NV	40	-34000	-6.563707	20	PASS
			NV	50	-33000	-6.370656	20	PASS
	Ant1	5200	NV	-30	-44000	-8.461538	20	PASS
			NV	-20	-43000	-8.269231	20	PASS
			NV	-10	-44000	-8.461538	20	PASS
			NV	0	-44000	-8.461538	20	PASS
			NV	10	-44000	-8.461538	20	PASS
			NV	20	-44000	-8.461538	20	PASS
			NV	30	-44000	-8.461538	20	PASS
			NV	40	-44000	-8.461538	20	PASS
			NV	50	-44000	-8.461538	20	PASS
	Ant2	5200	NV	-30	-34000	-6.538462	20	PASS
			NV	-20	-33000	-6.346154	20	PASS
			NV	-10	-34000	-6.538462	20	PASS
			NV	0	-35000	-6.730769	20	PASS
			NV	10	-34000	-6.538462	20	PASS
			NV	20	-35000	-6.730769	20	PASS
			NV	30	-35000	-6.730769	20	PASS
			NV	40	-36000	-6.923077	20	PASS
			NV	50	-33000	-6.346154	20	PASS
	Ant1	5240	NV	-30	-44000	-8.396947	20	PASS
			NV	-20	-44000	-8.396947	20	PASS
			NV	-10	-45000	-8.587786	20	PASS
			NV	0	-44000	-8.396947	20	PASS
			NV	10	-44000	-8.396947	20	PASS
			NV	20	-44000	-8.396947	20	PASS

			NV	30	-44000	-8.396947	20	PASS		
			NV	40	-44000	-8.396947	20	PASS		
			NV	50	-44000	-8.396947	20	PASS		
	Ant2	5240	NV	-30	-44000	-8.396947	20	PASS		
			NV	-20	-43000	-8.206107	20	PASS		
			NV	-10	-43000	-8.206107	20	PASS		
			NV	0	-43000	-8.206107	20	PASS		
			NV	10	-44000	-8.396947	20	PASS		
			NV	20	-42000	-8.015267	20	PASS		
			NV	30	-43000	-8.206107	20	PASS		
			NV	40	-44000	-8.396947	20	PASS		
			NV	50	-44000	-8.396947	20	PASS		
			Ant1	5745	NV	-30	-48000	-8.355091	20	PASS
					NV	-20	-48000	-8.355091	20	PASS
					NV	-10	-48000	-8.355091	20	PASS
	NV	0			-48000	-8.355091	20	PASS		
	NV	10			-49000	-8.529156	20	PASS		
	NV	20			-48000	-8.355091	20	PASS		
	NV	30			-49000	-8.529156	20	PASS		
	NV	40			-48000	-8.355091	20	PASS		
	NV	50			-48000	-8.355091	20	PASS		
	Ant2	5745			NV	-30	-47000	-8.181027	20	PASS
			NV	-20	-48000	-8.355091	20	PASS		
			NV	-10	-48000	-8.355091	20	PASS		
			NV	0	-46000	-8.006963	20	PASS		
			NV	10	-48000	-8.355091	20	PASS		
			NV	20	-49000	-8.529156	20	PASS		
			NV	30	-48000	-8.355091	20	PASS		
			NV	40	-48000	-8.355091	20	PASS		
			NV	50	-47000	-8.181027	20	PASS		
			Ant1	5785	NV	-30	-48000	-8.297321	20	PASS
	NV	-20			-48000	-8.297321	20	PASS		
	NV	-10			-49000	-8.470182	20	PASS		
	NV	0			-49000	-8.470182	20	PASS		
	NV	10			-49000	-8.470182	20	PASS		
	NV	20			-49000	-8.470182	20	PASS		
	NV	30			-49000	-8.470182	20	PASS		
	NV	40			-49000	-8.470182	20	PASS		
	NV	50			-50000	-8.643042	20	PASS		
	Ant2	5785			NV	-30	-47000	-8.12446	20	PASS
			NV	-20	-48000	-8.297321	20	PASS		

11N40SISO	Ant1	5825	NV	-10	-48000	-8.297321	20	PASS
			NV	0	-47000	-8.12446	20	PASS
			NV	10	-47000	-8.12446	20	PASS
			NV	20	-48000	-8.297321	20	PASS
			NV	30	-46000	-7.951599	20	PASS
			NV	40	-48000	-8.297321	20	PASS
			NV	50	-47000	-8.12446	20	PASS
	Ant2	5825	NV	-30	-49000	-8.412017	20	PASS
			NV	-20	-49000	-8.412017	20	PASS
			NV	-10	-49000	-8.412017	20	PASS
			NV	0	-49000	-8.412017	20	PASS
			NV	10	-49000	-8.412017	20	PASS
			NV	20	-49000	-8.412017	20	PASS
			NV	30	-50000	-8.583691	20	PASS
	Ant2	5825	NV	40	-49000	-8.412017	20	PASS
			NV	50	-49000	-8.412017	20	PASS
			NV	-30	-48000	-8.240343	20	PASS
			NV	-20	-47000	-8.06867	20	PASS
			NV	-10	-48000	-8.240343	20	PASS
			NV	0	-49000	-8.412017	20	PASS
			NV	10	-47000	-8.06867	20	PASS
	Ant1	5190	NV	20	-49000	-8.412017	20	PASS
			NV	30	-49000	-8.412017	20	PASS
			NV	40	-48000	-8.240343	20	PASS
			NV	50	-49000	-8.412017	20	PASS
			NV	-30	-44000	-8.477842	20	PASS
			NV	-20	-43000	-8.285164	20	PASS
			NV	-10	-43000	-8.285164	20	PASS
			NV	0	-43000	-8.285164	20	PASS
			NV	10	-44000	-8.477842	20	PASS
NV			20	-43000	-8.285164	20	PASS	
NV			30	-44000	-8.477842	20	PASS	
NV			40	-44000	-8.477842	20	PASS	
NV			50	-44000	-8.477842	20	PASS	
Ant2			5190	NV	-30	-42000	-8.092486	20
	NV	-20		-43000	-8.285164	20	PASS	
	NV	-10		-41000	-7.899807	20	PASS	
	NV	0		-43000	-8.285164	20	PASS	
	NV	10		-42000	-8.092486	20	PASS	
	NV	20		-43000	-8.285164	20	PASS	
	NV	30		-42000	-8.092486	20	PASS	



	Ant1	5230	NV	40	-44000	-8.477842	20	PASS
			NV	50	-43000	-8.285164	20	PASS
			NV	-30	-44000	-8.413002	20	PASS
			NV	-20	-43000	-8.221797	20	PASS
			NV	-10	-44000	-8.413002	20	PASS
			NV	0	-44000	-8.413002	20	PASS
			NV	10	-44000	-8.413002	20	PASS
			NV	20	-44000	-8.413002	20	PASS
			NV	30	-43000	-8.221797	20	PASS
			NV	40	-43000	-8.221797	20	PASS
			NV	50	-44000	-8.413002	20	PASS
			NV	-30	-43000	-8.221797	20	PASS
	Ant2	5230	NV	-20	-42000	-8.030593	20	PASS
			NV	-10	-44000	-8.413002	20	PASS
			NV	0	-43000	-8.221797	20	PASS
			NV	10	-42000	-8.030593	20	PASS
			NV	20	-43000	-8.221797	20	PASS
			NV	30	-44000	-8.413002	20	PASS
			NV	40	-42000	-8.030593	20	PASS
			NV	50	-43000	-8.221797	20	PASS
	Ant1	5755	NV	-30	-48000	-8.340573	20	PASS
			NV	-20	-48000	-8.340573	20	PASS
			NV	-10	-48000	-8.340573	20	PASS
			NV	0	-48000	-8.340573	20	PASS
			NV	10	-48000	-8.340573	20	PASS
			NV	20	-48000	-8.340573	20	PASS
			NV	30	-48000	-8.340573	20	PASS
			NV	40	-48000	-8.340573	20	PASS
	Ant2	5755	NV	50	-48000	-8.340573	20	PASS
			NV	-30	-46000	-7.99305	20	PASS
NV			-20	-47000	-8.166811	20	PASS	
NV			-10	-48000	-8.340573	20	PASS	
NV			0	-47000	-8.166811	20	PASS	
NV			10	-47000	-8.166811	20	PASS	
NV			20	-47000	-8.166811	20	PASS	
NV			30	-47000	-8.166811	20	PASS	
NV			40	-46000	-7.99305	20	PASS	
Ant1	5795	NV	50	-47000	-8.166811	20	PASS	
		NV	-30	-48000	-8.283003	20	PASS	
		NV	-20	-48000	-8.283003	20	PASS	
			NV	-10	-49000	-8.455565	20	PASS

11AC20SISO	Ant2	5795	NV	0	-48000	-8.283003	20	PASS
			NV	10	-48000	-8.283003	20	PASS
			NV	20	-48000	-8.283003	20	PASS
			NV	30	-48000	-8.283003	20	PASS
			NV	40	-48000	-8.283003	20	PASS
			NV	50	-49000	-8.455565	20	PASS
	Ant2	5795	NV	-30	-47000	-8.11044	20	PASS
			NV	-20	-46000	-7.937877	20	PASS
			NV	-10	-48000	-8.283003	20	PASS
			NV	0	-48000	-8.283003	20	PASS
			NV	10	-46000	-7.937877	20	PASS
			NV	20	-46000	-7.937877	20	PASS
	Ant1	5180	NV	30	-48000	-8.283003	20	PASS
			NV	40	-47000	-8.11044	20	PASS
			NV	50	-48000	-8.283003	20	PASS
			NV	-30	-42000	-8.108108	20	PASS
			NV	-20	-43000	-8.301158	20	PASS
			NV	-10	-44000	-8.494208	20	PASS
	Ant2	5180	NV	0	-43000	-8.301158	20	PASS
			NV	10	-43000	-8.301158	20	PASS
			NV	20	-43000	-8.301158	20	PASS
			NV	30	-43000	-8.301158	20	PASS
			NV	40	-44000	-8.494208	20	PASS
			NV	50	-42000	-8.108108	20	PASS
	Ant1	5200	NV	-30	-41000	-7.915058	20	PASS
			NV	-20	-42000	-8.108108	20	PASS
			NV	-10	-41000	-7.915058	20	PASS
			NV	0	-42000	-8.108108	20	PASS
NV			10	-43000	-8.301158	20	PASS	
NV			20	-40000	-7.722008	20	PASS	
Ant2	5200	NV	30	-42000	-8.108108	20	PASS	
		NV	40	-43000	-8.301158	20	PASS	
		NV	50	-42000	-8.108108	20	PASS	
		NV	-30	-43000	-8.269231	20	PASS	
		NV	-20	-43000	-8.269231	20	PASS	
		NV	-10	-43000	-8.269231	20	PASS	
Ant1	5200	NV	0	-43000	-8.269231	20	PASS	
		NV	10	-43000	-8.269231	20	PASS	
		NV	20	-44000	-8.461538	20	PASS	
		NV	30	-43000	-8.269231	20	PASS	
		NV	40	-43000	-8.269231	20	PASS	
		NV	50	-43000	-8.269231	20	PASS	

			NV	50	-44000	-8.461538	20	PASS
	Ant2	5200	NV	-30	-41000	-7.884615	20	PASS
			NV	-20	-44000	-8.461538	20	PASS
			NV	-10	-42000	-8.076923	20	PASS
			NV	0	-41000	-7.884615	20	PASS
			NV	10	-41000	-7.884615	20	PASS
			NV	20	-43000	-8.269231	20	PASS
			NV	30	-42000	-8.076923	20	PASS
			NV	40	-43000	-8.269231	20	PASS
			NV	50	-42000	-8.076923	20	PASS
			Ant1	5240	NV	-30	-44000	-8.396947
	NV	-20			-44000	-8.396947	20	PASS
	NV	-10			-44000	-8.396947	20	PASS
	NV	0			-44000	-8.396947	20	PASS
	NV	10			-43000	-8.206107	20	PASS
	NV	20			-43000	-8.206107	20	PASS
	NV	30			-44000	-8.396947	20	PASS
	NV	40			-44000	-8.396947	20	PASS
	NV	50			-43000	-8.206107	20	PASS
	Ant2	5240	NV	-30	-42000	-8.015267	20	PASS
			NV	-20	-41000	-7.824427	20	PASS
			NV	-10	-40000	-7.633588	20	PASS
			NV	0	-42000	-8.015267	20	PASS
			NV	10	-41000	-7.824427	20	PASS
			NV	20	-41000	-7.824427	20	PASS
			NV	30	-43000	-8.206107	20	PASS
			NV	40	-42000	-8.015267	20	PASS
			NV	50	-43000	-8.206107	20	PASS
	Ant1	5745	NV	-30	-48000	-8.355091	20	PASS
			NV	-20	-48000	-8.355091	20	PASS
			NV	-10	-48000	-8.355091	20	PASS
			NV	0	-48000	-8.355091	20	PASS
			NV	10	-47000	-8.181027	20	PASS
			NV	20	-48000	-8.355091	20	PASS
			NV	30	-48000	-8.355091	20	PASS
			NV	40	-48000	-8.355091	20	PASS
			NV	50	-48000	-8.355091	20	PASS
	Ant2	5745	NV	-30	-42000	-7.310705	20	PASS
			NV	-20	-42000	-7.310705	20	PASS
			NV	-10	-41000	-7.136641	20	PASS
			NV	0	-43000	-7.484769	20	PASS

			NV	10	-42000	-7.310705	20	PASS
			NV	20	-40000	-6.962576	20	PASS
			NV	30	-42000	-7.310705	20	PASS
			NV	40	-42000	-7.310705	20	PASS
			NV	50	-42000	-7.310705	20	PASS
	Ant1	5785	NV	-30	-48000	-8.297321	20	PASS
			NV	-20	-48000	-8.297321	20	PASS
			NV	-10	-49000	-8.470182	20	PASS
			NV	0	-48000	-8.297321	20	PASS
			NV	10	-48000	-8.297321	20	PASS
			NV	20	-48000	-8.297321	20	PASS
			NV	30	-48000	-8.297321	20	PASS
			NV	40	-48000	-8.297321	20	PASS
			NV	50	-48000	-8.297321	20	PASS
			Ant2	5785	NV	-30	-42000	-7.260156
	NV	-20			-42000	-7.260156	20	PASS
	NV	-10			-42000	-7.260156	20	PASS
	NV	0			-42000	-7.260156	20	PASS
	NV	10			-43000	-7.433016	20	PASS
	NV	20			-41000	-7.087295	20	PASS
	NV	30			-43000	-7.433016	20	PASS
	NV	40			-42000	-7.260156	20	PASS
	Ant1	5825	NV	50	-42000	-7.260156	20	PASS
			NV	-30	-49000	-8.412017	20	PASS
			NV	-20	-49000	-8.412017	20	PASS
			NV	-10	-49000	-8.412017	20	PASS
			NV	0	-48000	-8.240343	20	PASS
			NV	10	-49000	-8.412017	20	PASS
			NV	20	-48000	-8.240343	20	PASS
			NV	30	-48000	-8.240343	20	PASS
			NV	40	-49000	-8.412017	20	PASS
			NV	50	-48000	-8.240343	20	PASS
	Ant2	5825	NV	-30	-41000	-7.038627	20	PASS
			NV	-20	-42000	-7.2103	20	PASS
			NV	-10	-43000	-7.381974	20	PASS
			NV	0	-42000	-7.2103	20	PASS
			NV	10	-43000	-7.381974	20	PASS
			NV	20	-43000	-7.381974	20	PASS
			NV	30	-43000	-7.381974	20	PASS
			NV	40	-42000	-7.2103	20	PASS
			NV	50	-42000	-7.2103	20	PASS



11AC40SISO	Ant1	5190	NV	-30	-43000	-8.285164	20	PASS
			NV	-20	-43000	-8.285164	20	PASS
			NV	-10	-43000	-8.285164	20	PASS
			NV	0	-43000	-8.285164	20	PASS
			NV	10	-43000	-8.285164	20	PASS
			NV	20	-43000	-8.285164	20	PASS
			NV	30	-42000	-8.092486	20	PASS
			NV	40	-43000	-8.285164	20	PASS
			NV	50	-43000	-8.285164	20	PASS
	Ant2	5190	NV	-30	-38000	-7.321773	20	PASS
			NV	-20	-39000	-7.514451	20	PASS
			NV	-10	-37000	-7.129094	20	PASS
			NV	0	-37000	-7.129094	20	PASS
			NV	10	-36000	-6.936416	20	PASS
			NV	20	-37000	-7.129094	20	PASS
			NV	30	-38000	-7.321773	20	PASS
			NV	40	-38000	-7.321773	20	PASS
			NV	50	-39000	-7.514451	20	PASS
	Ant1	5230	NV	-30	-44000	-8.413002	20	PASS
			NV	-20	-43000	-8.221797	20	PASS
			NV	-10	-44000	-8.413002	20	PASS
			NV	0	-43000	-8.221797	20	PASS
			NV	10	-44000	-8.413002	20	PASS
			NV	20	-43000	-8.221797	20	PASS
			NV	30	-43000	-8.221797	20	PASS
			NV	40	-44000	-8.413002	20	PASS
			NV	50	-44000	-8.413002	20	PASS
	Ant2	5230	NV	-30	-38000	-7.265774	20	PASS
			NV	-20	-38000	-7.265774	20	PASS
			NV	-10	-37000	-7.07457	20	PASS
			NV	0	-37000	-7.07457	20	PASS
			NV	10	-37000	-7.07457	20	PASS
			NV	20	-38000	-7.265774	20	PASS
			NV	30	-37000	-7.07457	20	PASS
			NV	40	-36000	-6.883365	20	PASS
			NV	50	-38000	-7.265774	20	PASS
	Ant1	5755	NV	-30	-48000	-8.340573	20	PASS
			NV	-20	-48000	-8.340573	20	PASS
			NV	-10	-48000	-8.340573	20	PASS
			NV	0	-48000	-8.340573	20	PASS
			NV	10	-48000	-8.340573	20	PASS

			NV	20	-48000	-8.340573	20	PASS		
			NV	30	-48000	-8.340573	20	PASS		
			NV	40	-48000	-8.340573	20	PASS		
			NV	50	-48000	-8.340573	20	PASS		
	Ant2	5755	NV	-30	-41000	-7.12424	20	PASS		
			NV	-20	-41000	-7.12424	20	PASS		
			NV	-10	-40000	-6.950478	20	PASS		
			NV	0	-41000	-7.12424	20	PASS		
			NV	10	-41000	-7.12424	20	PASS		
			NV	20	-42000	-7.298002	20	PASS		
			NV	30	-42000	-7.298002	20	PASS		
			NV	40	-41000	-7.12424	20	PASS		
			NV	50	-41000	-7.12424	20	PASS		
			Ant1	5795	NV	-30	-49000	-8.455565	20	PASS
					NV	-20	-48000	-8.283003	20	PASS
					NV	-10	-48000	-8.283003	20	PASS
	NV	0			-48000	-8.283003	20	PASS		
	NV	10			-48000	-8.283003	20	PASS		
	NV	20			-48000	-8.283003	20	PASS		
	NV	30			-48000	-8.283003	20	PASS		
	NV	40			-48000	-8.283003	20	PASS		
	Ant2	5795	NV	-30	-41000	-7.075065	20	PASS		
			NV	-20	-41000	-7.075065	20	PASS		
			NV	-10	-41000	-7.075065	20	PASS		
			NV	0	-42000	-7.247627	20	PASS		
			NV	10	-40000	-6.902502	20	PASS		
			NV	20	-41000	-7.075065	20	PASS		
			NV	30	-42000	-7.247627	20	PASS		
			NV	40	-42000	-7.247627	20	PASS		
			NV	50	-41000	-7.075065	20	PASS		
	11AC80SISO	Ant1	5210	NV	-30	-43000	-8.253359	20	PASS	
				NV	-20	-43000	-8.253359	20	PASS	
NV				-10	-43000	-8.253359	20	PASS		
NV				0	-43000	-8.253359	20	PASS		
NV				10	-44000	-8.445298	20	PASS		
NV				20	-44000	-8.445298	20	PASS		
NV				30	-43000	-8.253359	20	PASS		
NV				40	-43000	-8.253359	20	PASS		
NV				50	-44000	-8.445298	20	PASS		
Ant2		5210	NV	-30	-38000	-7.293666	20	PASS		

			NV	-20	-36000	-6.909789	20	PASS
			NV	-10	-36000	-6.909789	20	PASS
			NV	0	-35000	-6.71785	20	PASS
			NV	10	-38000	-7.293666	20	PASS
			NV	20	-37000	-7.101727	20	PASS
			NV	30	-37000	-7.101727	20	PASS
			NV	40	-37000	-7.101727	20	PASS
			NV	50	-37000	-7.101727	20	PASS
	Ant1	5775	NV	-30	-48000	-8.311688	20	PASS
			NV	-20	-48000	-8.311688	20	PASS
			NV	-10	-48000	-8.311688	20	PASS
			NV	0	-48000	-8.311688	20	PASS
			NV	10	-48000	-8.311688	20	PASS
			NV	20	-48000	-8.311688	20	PASS
			NV	30	-48000	-8.311688	20	PASS
			NV	40	-48000	-8.311688	20	PASS
	Ant2	5775	NV	50	-48000	-8.311688	20	PASS
			NV	-30	-41000	-7.099567	20	PASS
			NV	-20	-40000	-6.926407	20	PASS
			NV	-10	-41000	-7.099567	20	PASS
			NV	0	-42000	-7.272727	20	PASS
			NV	10	-40000	-6.926407	20	PASS
			NV	20	-41000	-7.099567	20	PASS
			NV	30	-42000	-7.272727	20	PASS
			NV	40	-42000	-7.272727	20	PASS
			NV	50	-40000	-6.926407	20	PASS

## Appendix I: Duty Cycle

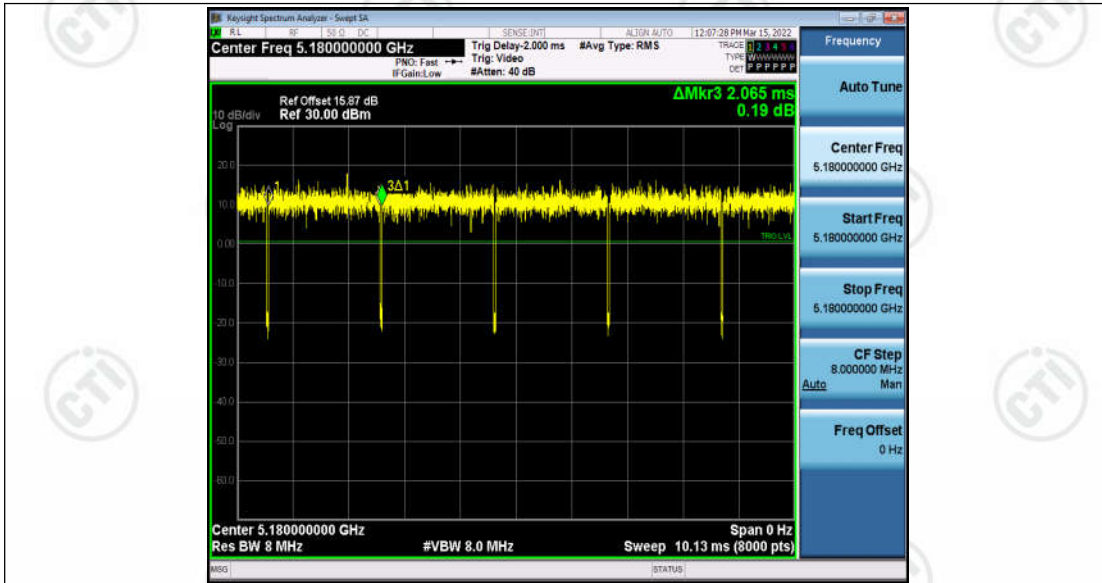
### Test Result

Test Mode	Antenna	Channel	Transmission Duration [ms]	Transmission Period [ms]	Duty Cycle [%]	Limit	Verdict
11A	Ant1	5180	2.03	2.06	98.10	---	PASS
	Ant2	5180	2.03	2.06	98.10	---	PASS
	Ant1	5200	2.03	2.06	98.16	---	PASS
	Ant2	5200	2.03	2.06	98.16	---	PASS
	Ant1	5240	2.03	2.06	98.16	---	PASS
	Ant2	5240	2.03	2.06	98.10	---	PASS
	Ant1	5745	2.03	2.06	98.16	---	PASS
	Ant2	5745	2.03	2.06	98.16	---	PASS
	Ant1	5785	2.03	2.06	98.16	---	PASS
	Ant2	5785	2.03	2.06	98.16	---	PASS
	Ant1	5825	2.03	2.06	98.16	---	PASS
	Ant2	5825	2.03	2.06	98.16	---	PASS
11N20SISO	Ant1	5180	1.88	1.92	97.96	---	PASS
	Ant2	5180	1.89	1.92	98.03	---	PASS
	Ant1	5200	1.88	1.92	97.96	---	PASS
	Ant2	5200	1.88	1.92	97.96	---	PASS
	Ant1	5240	1.89	1.92	98.03	---	PASS
	Ant2	5240	1.88	1.92	98.02	---	PASS
	Ant1	5745	1.89	1.92	98.03	---	PASS
	Ant2	5745	1.89	1.92	98.03	---	PASS
	Ant1	5785	1.89	1.92	98.03	---	PASS
	Ant2	5785	1.89	1.92	98.03	---	PASS
	Ant1	5825	1.89	1.92	98.03	---	PASS
	Ant2	5825	1.89	1.92	98.03	---	PASS
11N40SISO	Ant1	5190	0.93	0.96	96.06	---	PASS
	Ant2	5190	0.92	0.96	96.05	---	PASS
	Ant1	5230	0.93	0.96	96.18	---	PASS
	Ant2	5230	0.93	0.96	96.19	---	PASS
	Ant1	5755	0.93	0.97	96.06	---	PASS
	Ant2	5755	0.92	0.96	95.93	---	PASS
	Ant1	5795	0.93	0.96	96.19	---	PASS
	Ant2	5795	0.93	0.96	96.06	---	PASS
11AC20SISO	Ant1	5180	1.90	1.94	98.04	---	PASS
	Ant2	5180	1.90	1.94	98.04	---	PASS
	Ant1	5200	1.90	1.94	98.04	---	PASS

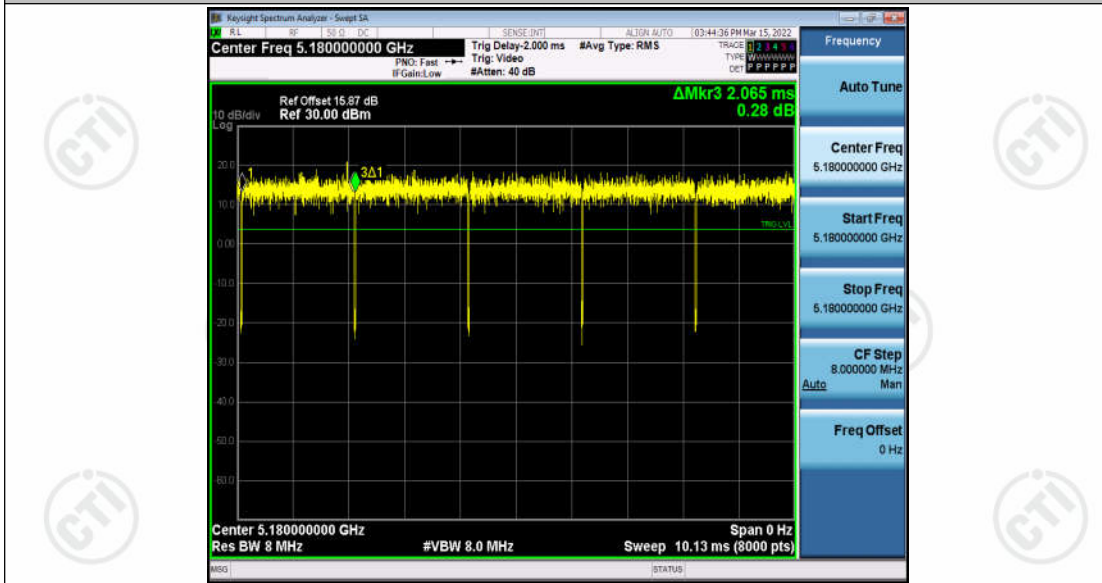


	Ant2	5200	1.90	1.94	98.04	---	PASS
	Ant1	5240	1.90	1.94	98.04	---	PASS
	Ant2	5240	1.90	1.94	97.97	---	PASS
	Ant1	5745	1.90	1.94	98.04	---	PASS
	Ant2	5745	1.90	1.94	97.97	---	PASS
	Ant1	5785	1.90	1.94	98.04	---	PASS
	Ant2	5785	1.90	1.94	98.04	---	PASS
	Ant1	5825	1.90	1.94	98.04	---	PASS
	Ant2	5825	1.90	1.94	97.97	---	PASS
11AC40SISO	Ant1	5190	0.93	0.97	96.09	---	PASS
	Ant2	5190	0.93	0.97	95.96	---	PASS
	Ant1	5230	0.93	0.97	96.09	---	PASS
	Ant2	5230	0.93	0.97	96.09	---	PASS
	Ant1	5755	0.93	0.97	96.22	---	PASS
	Ant2	5755	0.93	0.97	96.09	---	PASS
	Ant1	5795	0.93	0.97	96.22	---	PASS
	Ant2	5795	0.93	0.97	96.09	---	PASS
11AC80SISO	Ant1	5210	0.45	0.48	95.21	---	PASS
	Ant2	5210	0.45	0.49	92.29	---	PASS
	Ant1	5775	0.45	0.49	92.53	---	PASS
	Ant2	5775	0.45	0.49	92.29	---	PASS

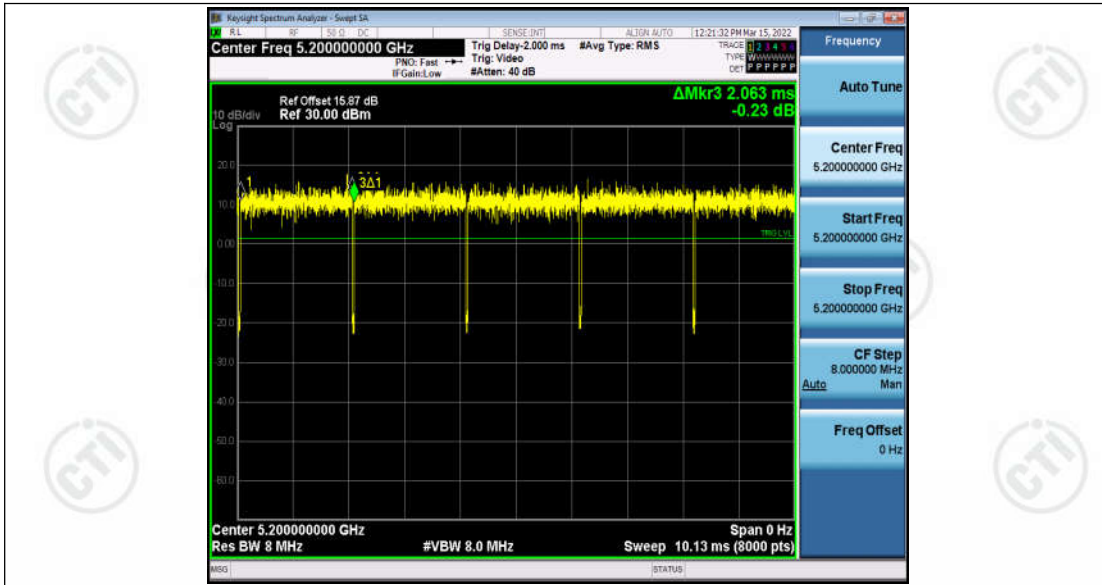
## Test Graphs



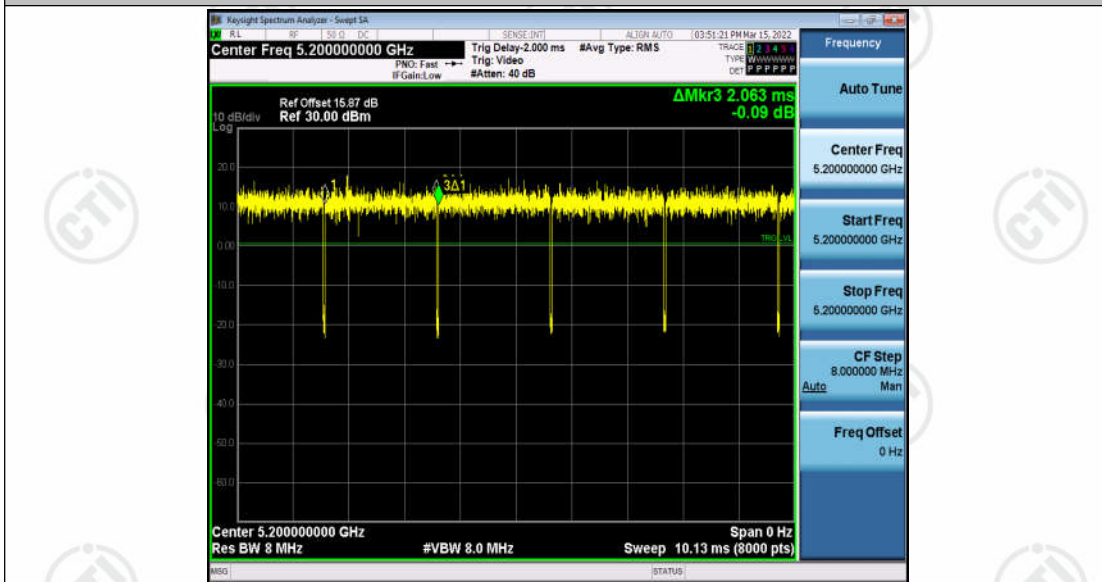
11A\_Ant1\_5180



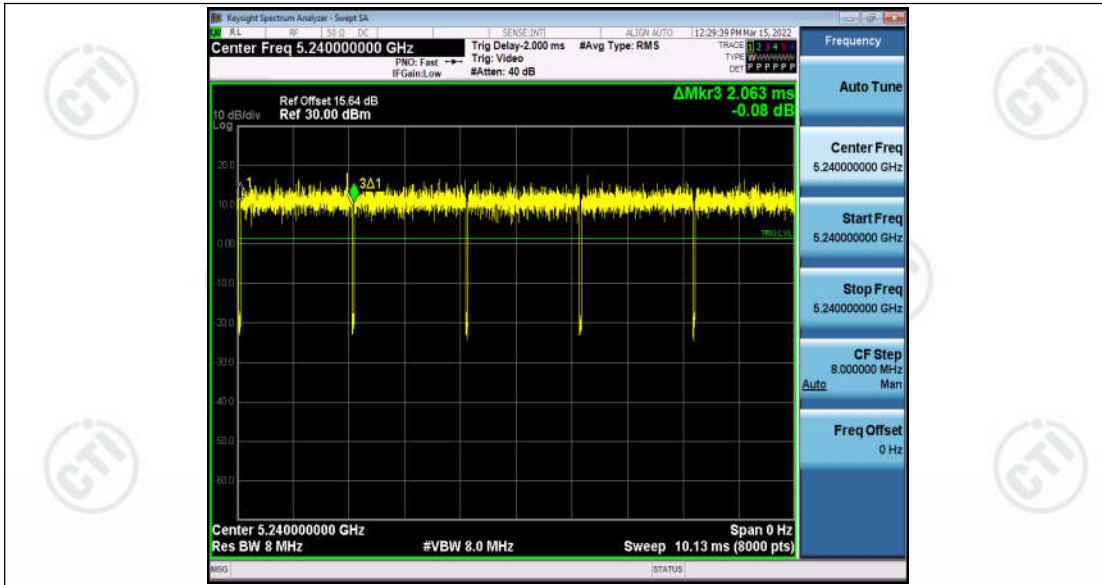
11A\_Ant2\_5180



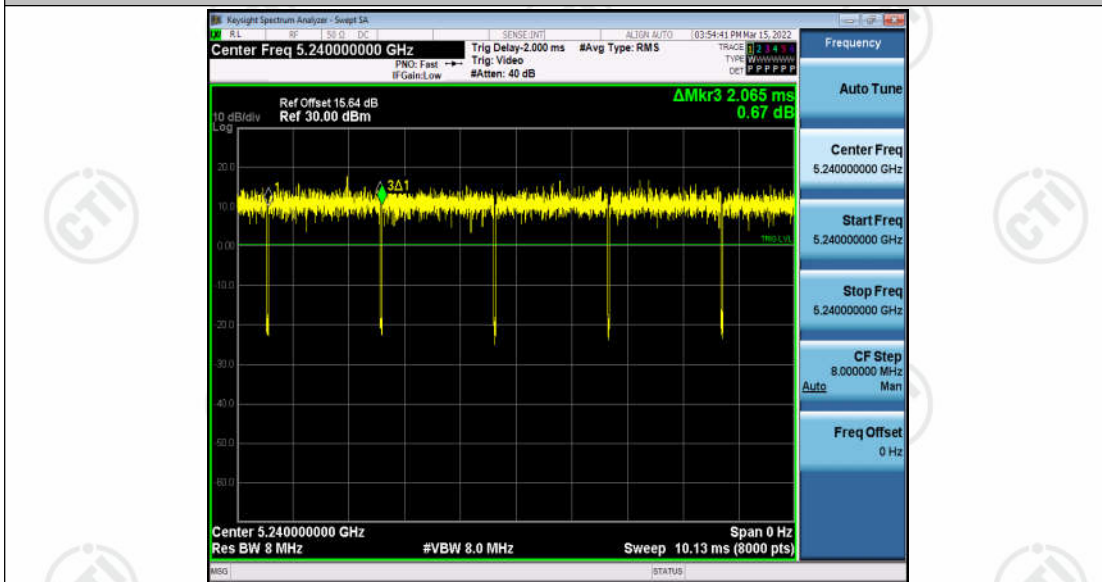
11A\_Ant1\_5200



11A\_Ant2\_5200

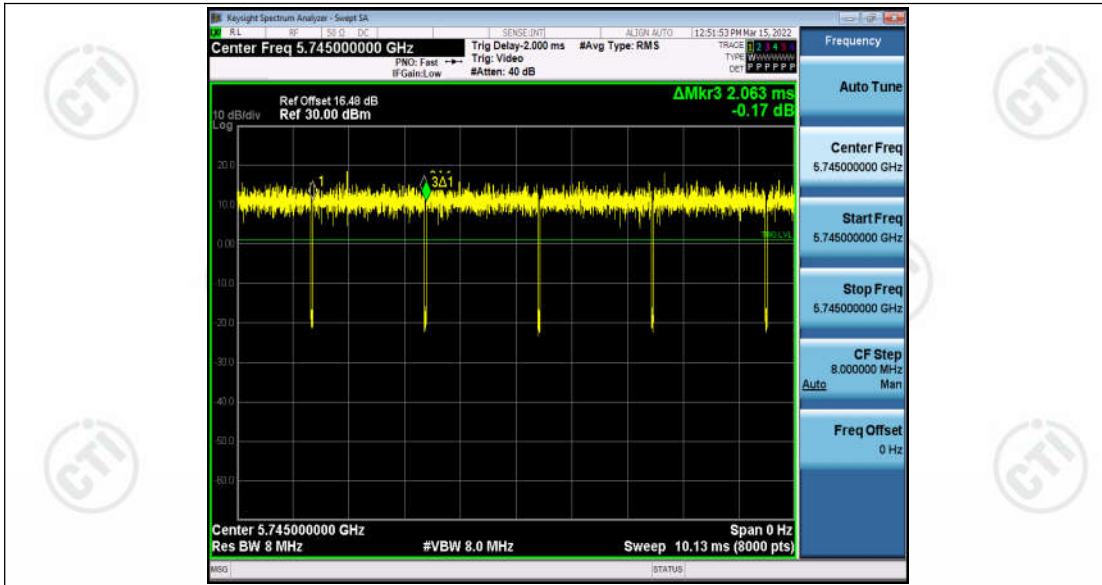


11A\_Ant1\_5240

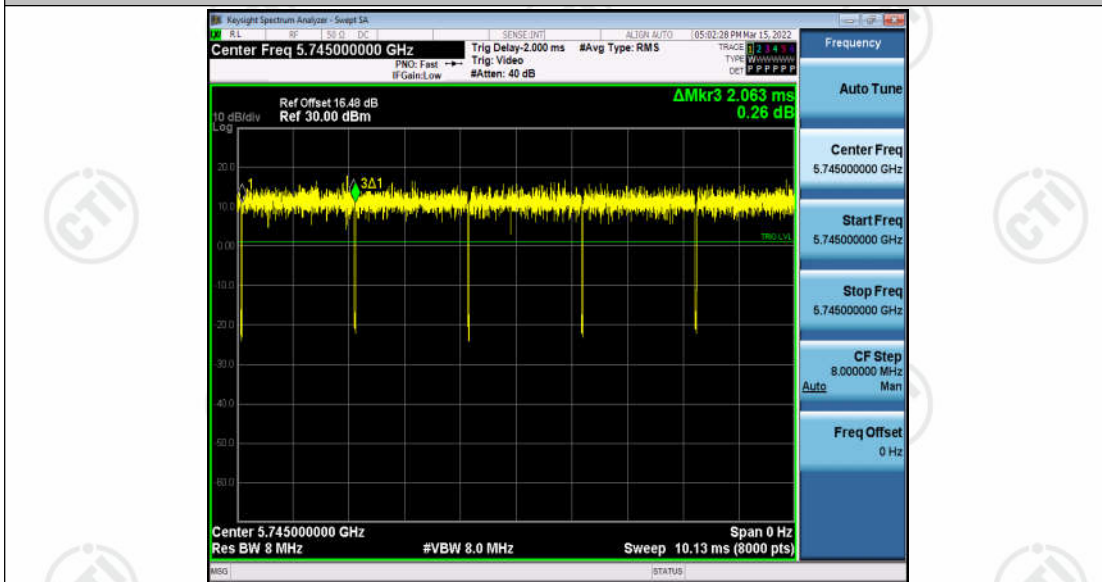


11A\_Ant2\_5240

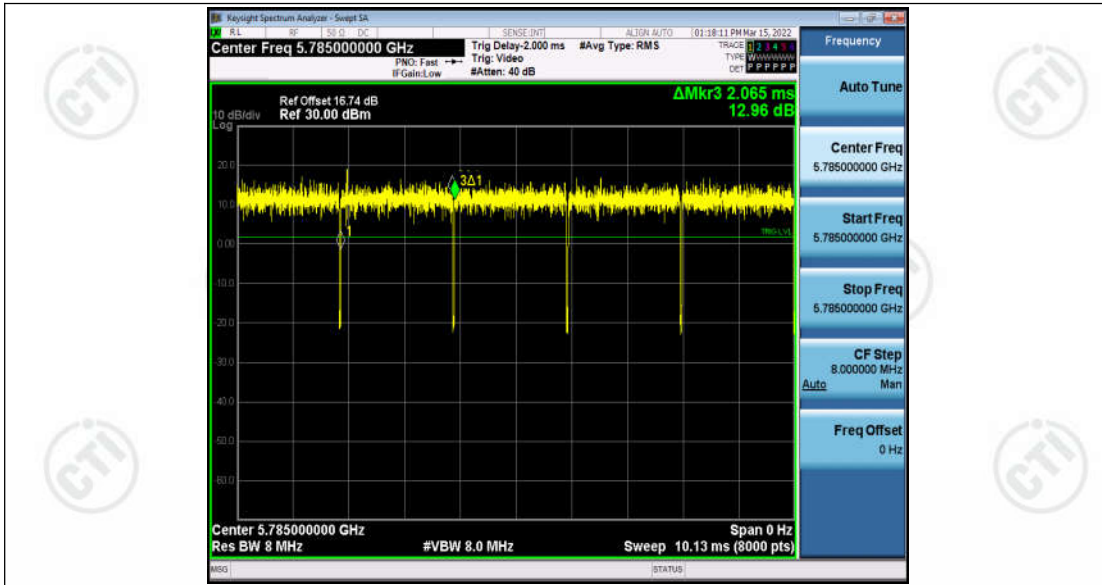




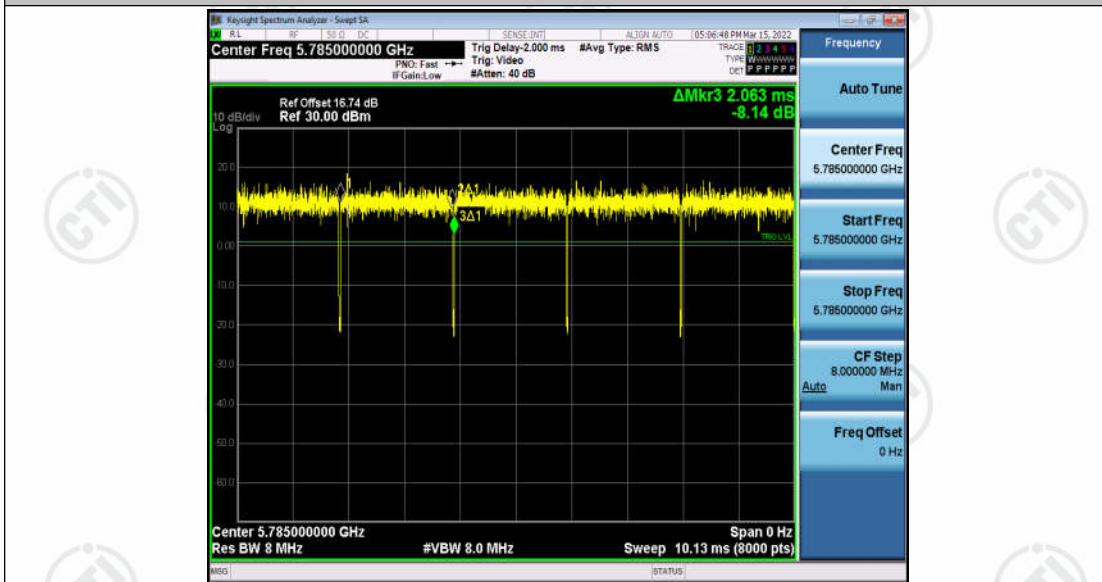
11A\_Ant1\_5745



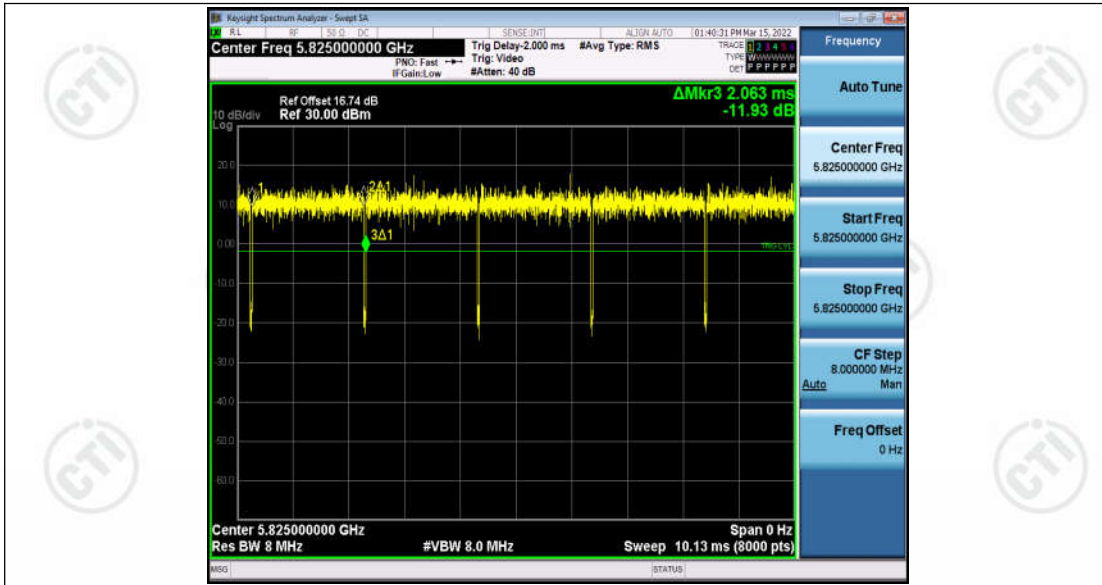
11A\_Ant2\_5745



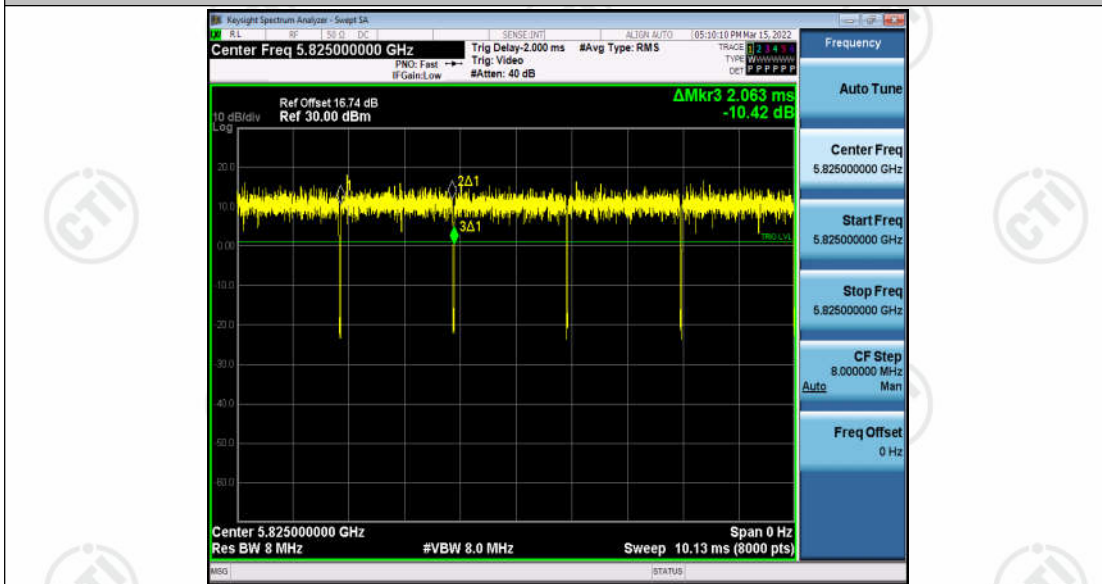
11A\_Ant1\_5785



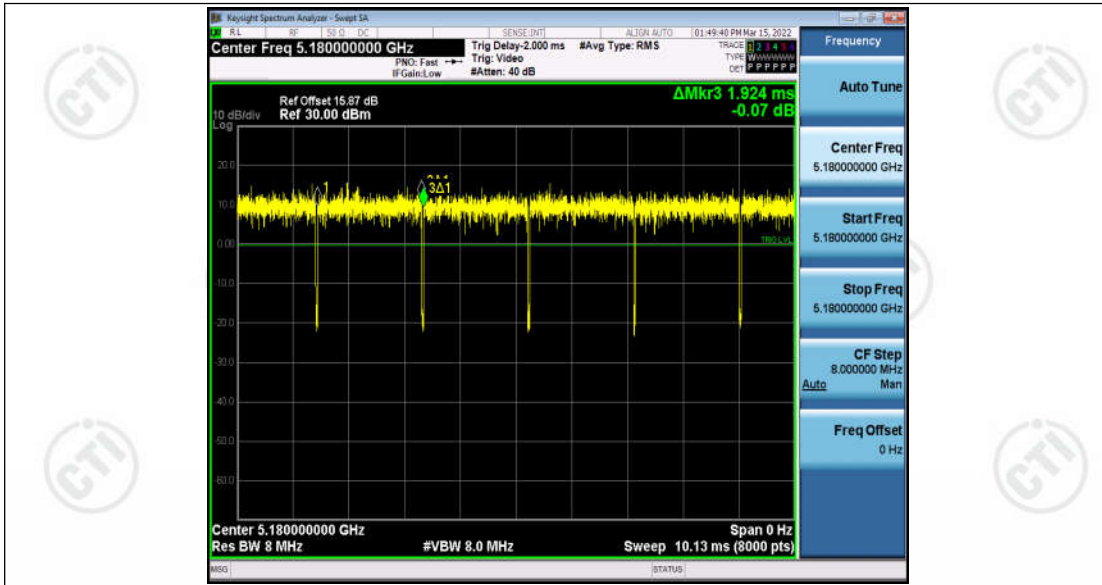
11A\_Ant2\_5785



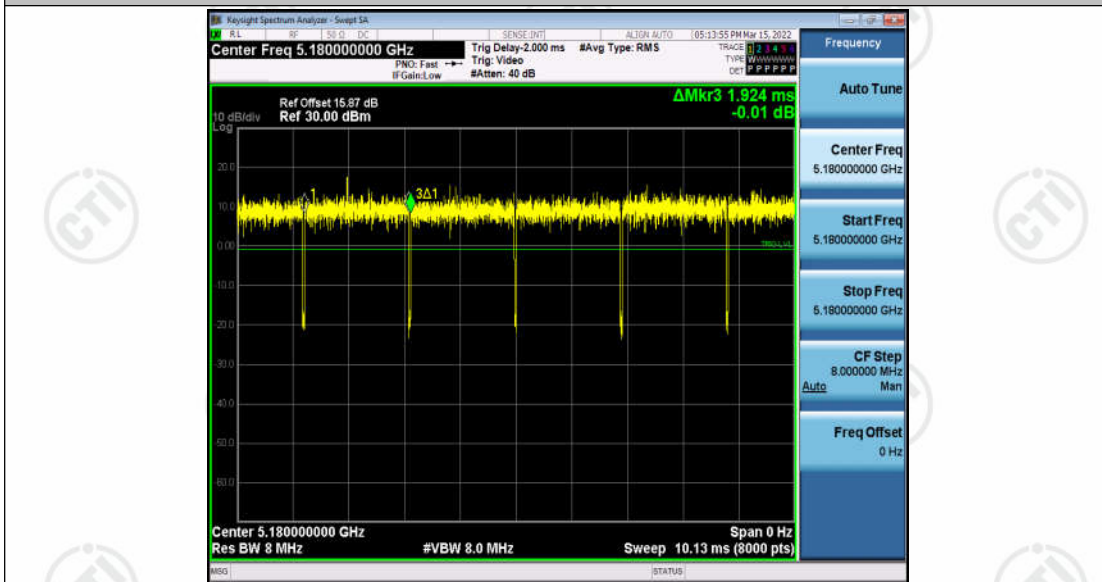
11A\_Ant1\_5825



11A\_Ant2\_5825

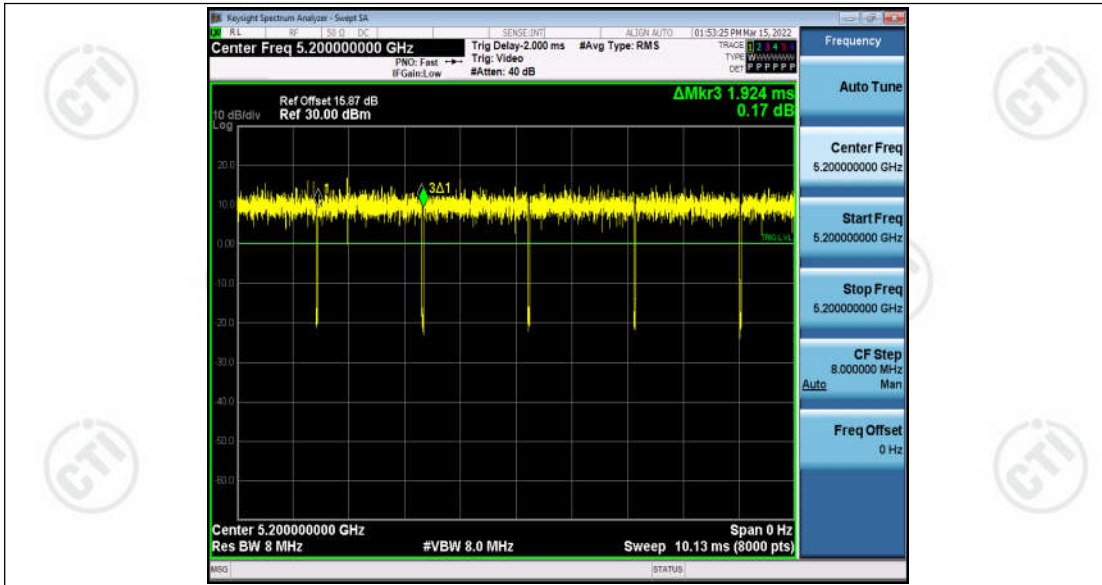


11N20SISO\_Ant1\_5180

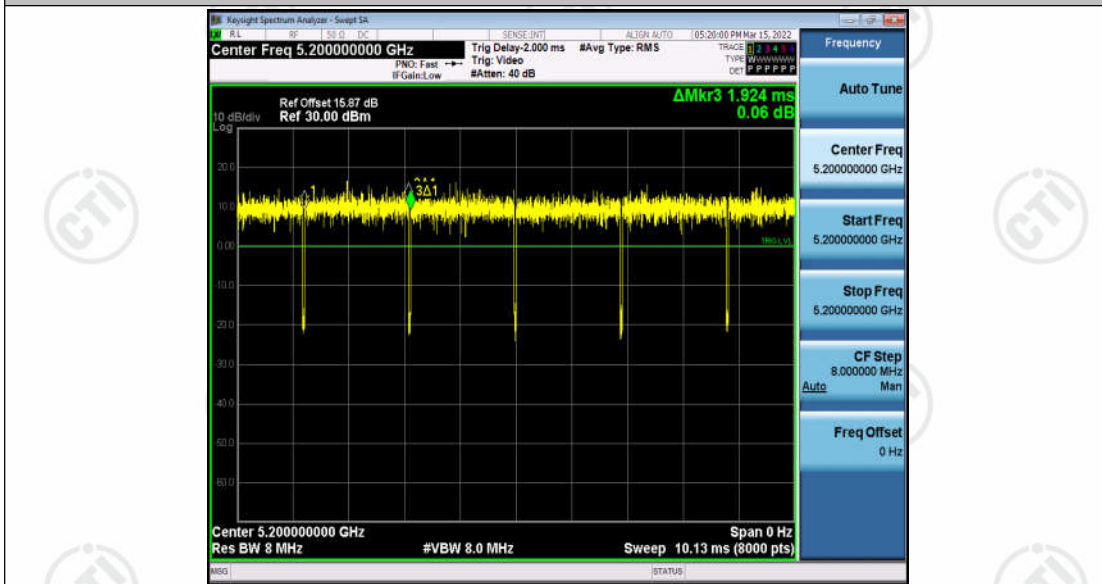


11N20SISO\_Ant2\_5180

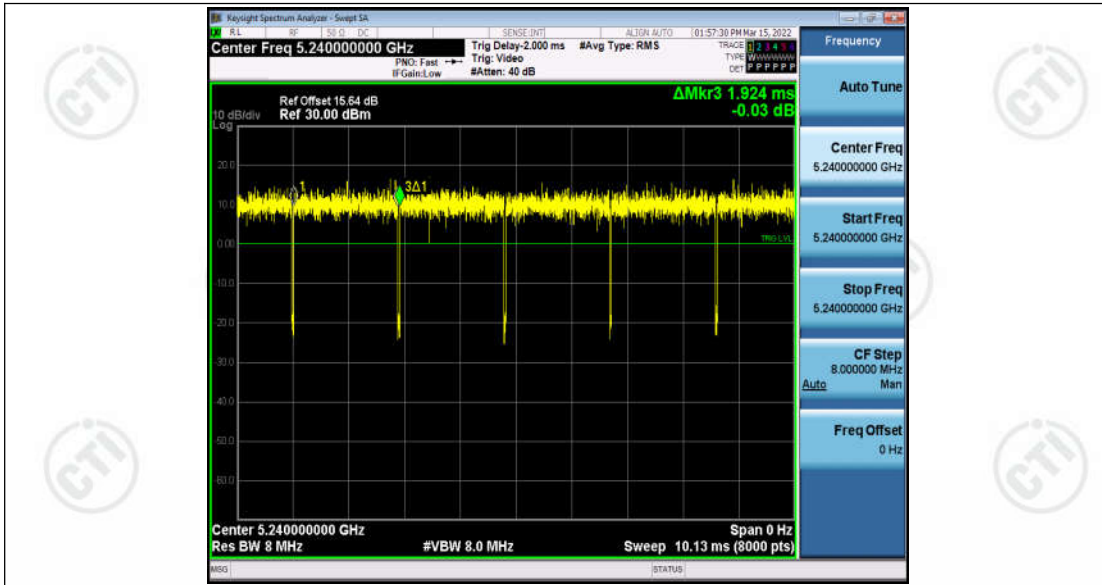




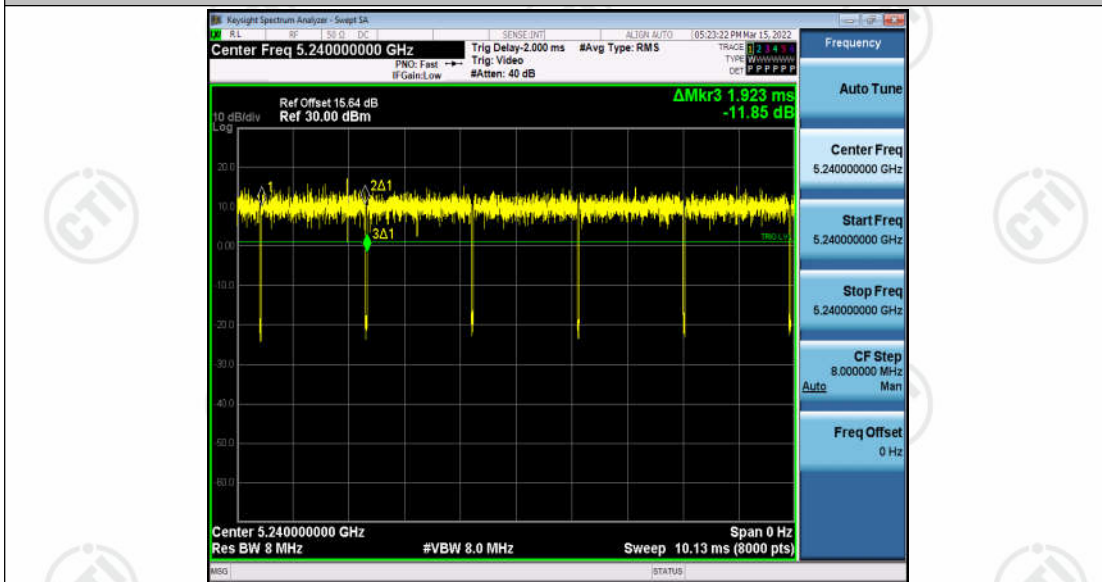
11N20SISO\_Ant1\_5200



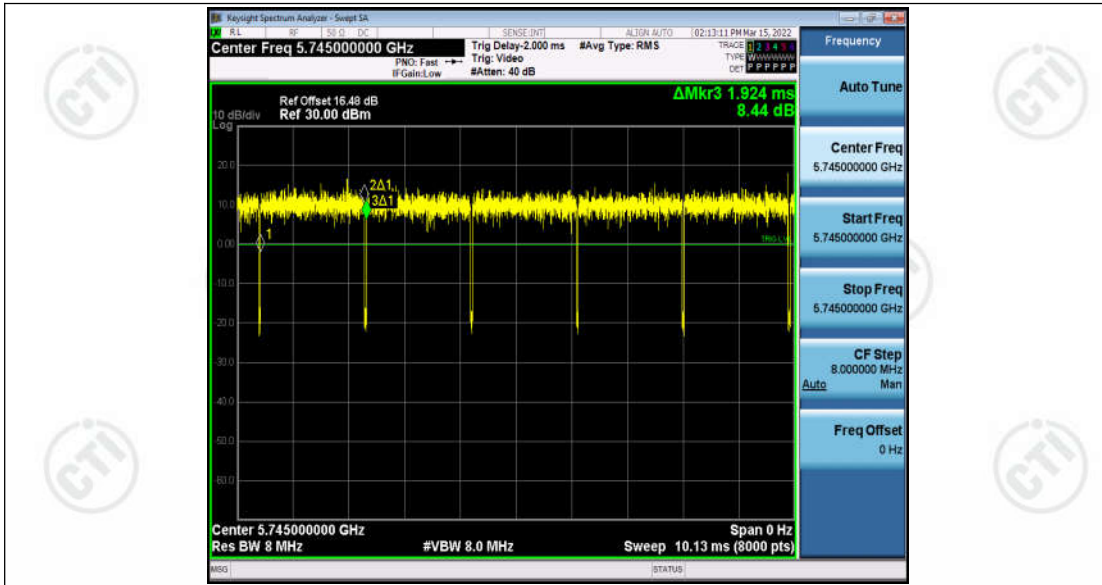
11N20SISO\_Ant2\_5200



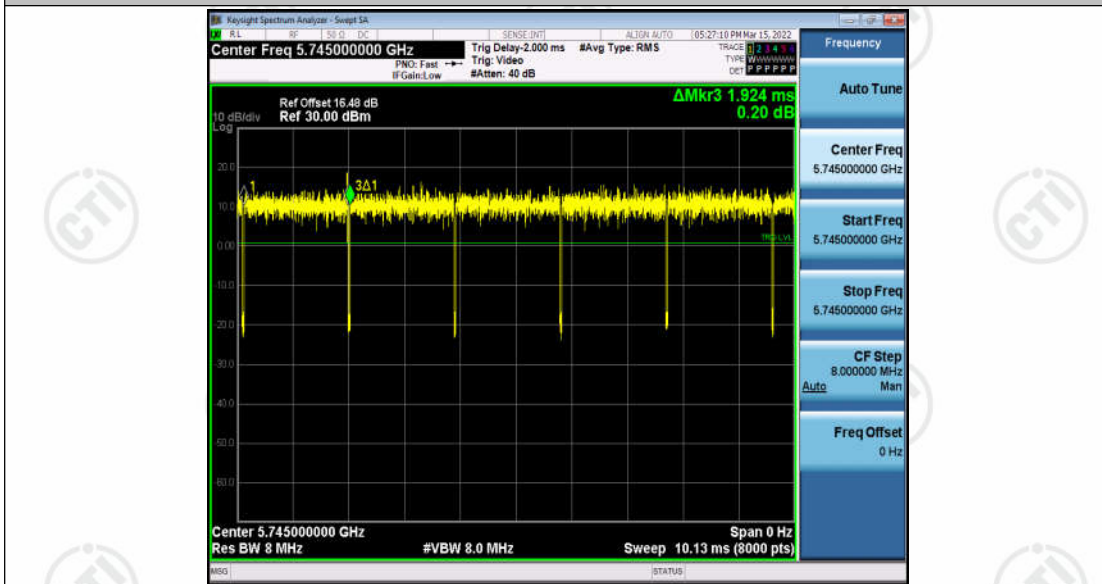
11N20SISO\_Ant1\_5240



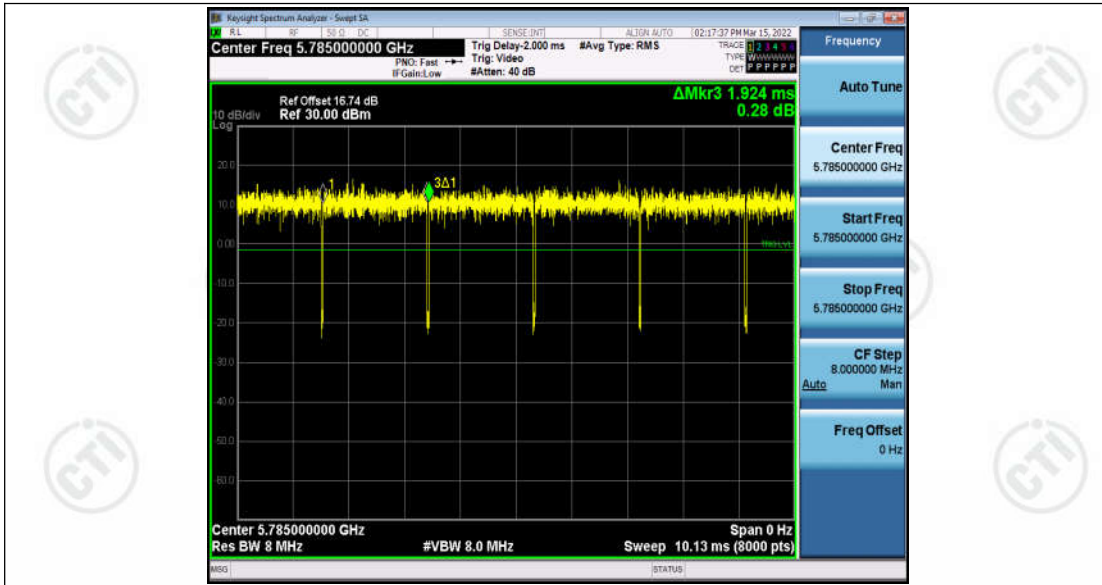
11N20SISO\_Ant2\_5240



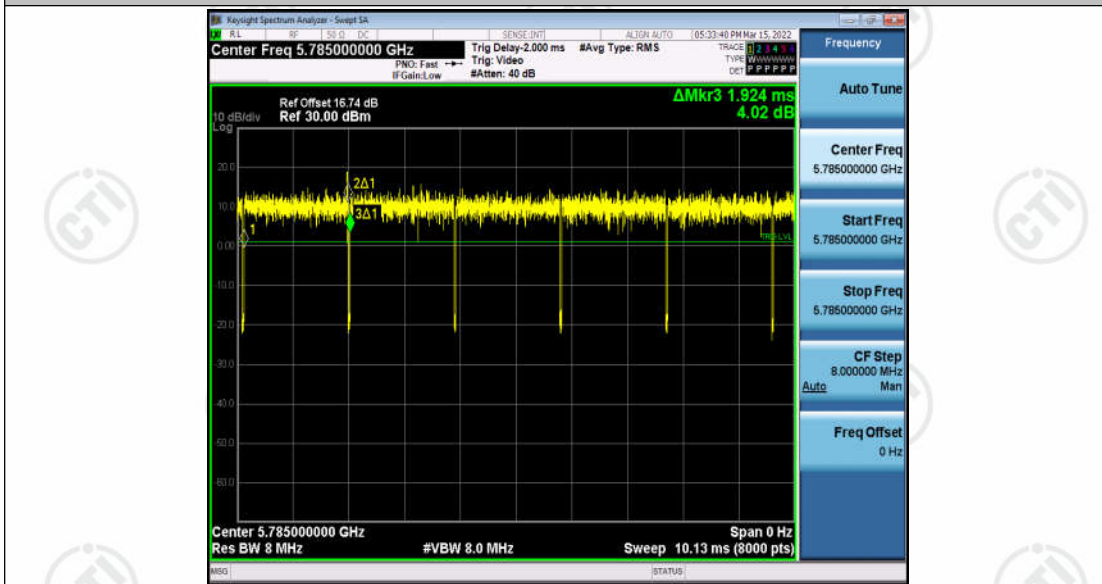
11N20SISO\_Ant1\_5745



11N20SISO\_Ant2\_5745

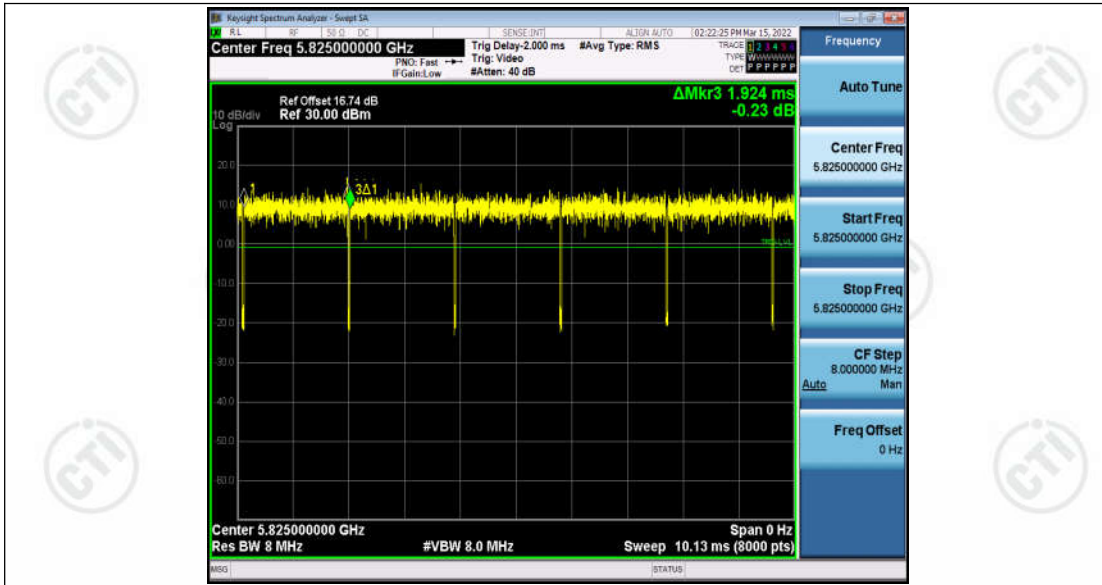


11N20SISO\_Ant1\_5785

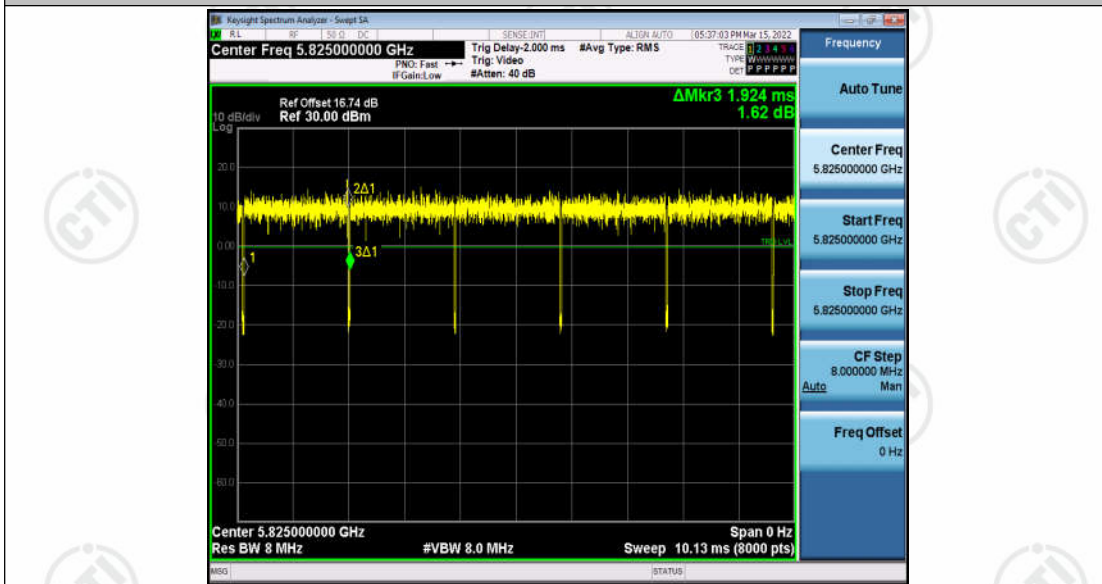


11N20SISO\_Ant2\_5785

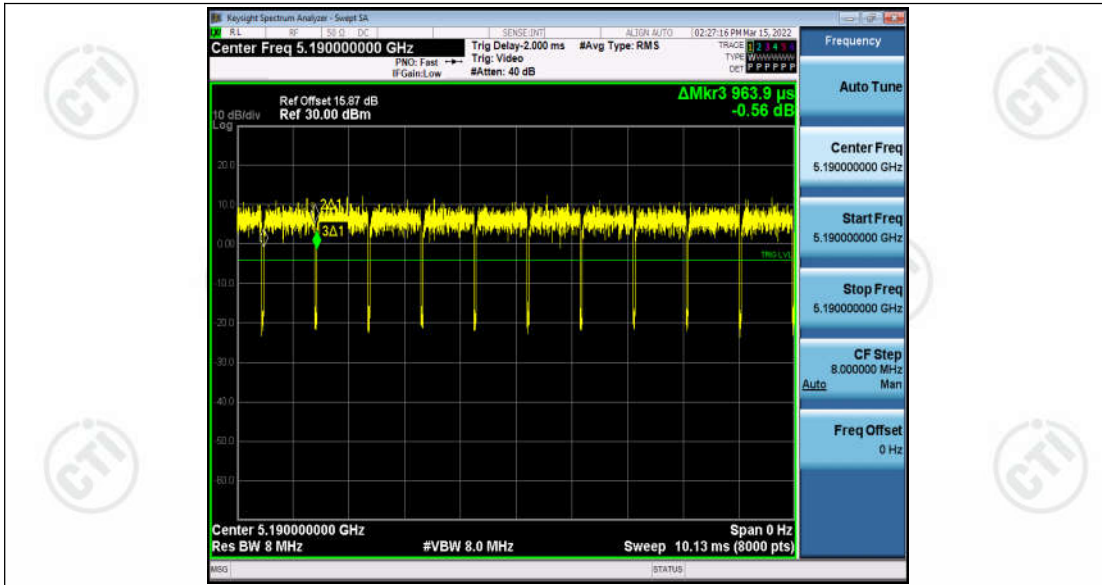




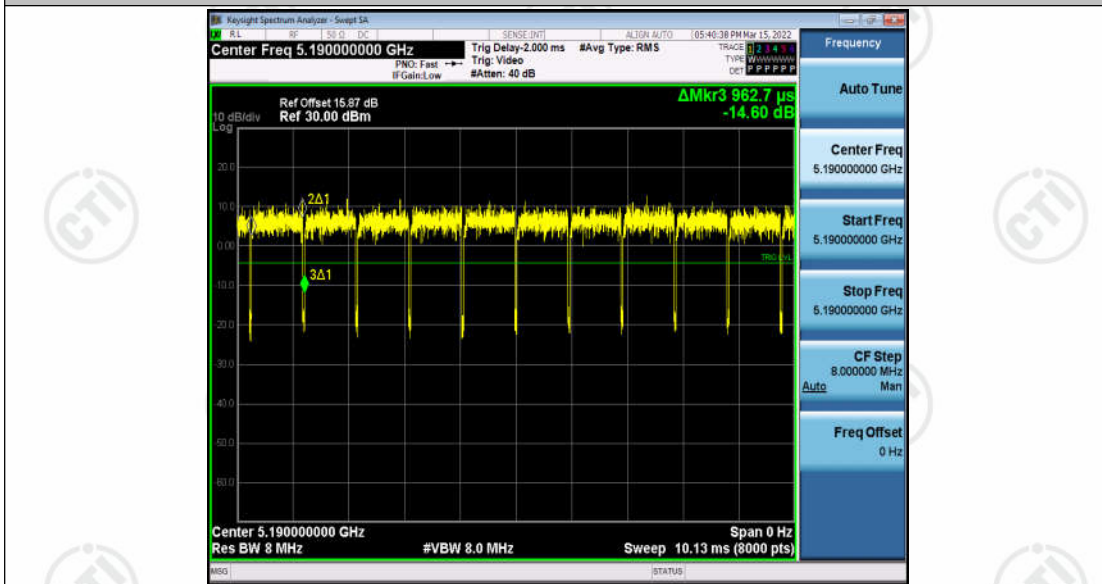
11N20SISO\_Ant1\_5825



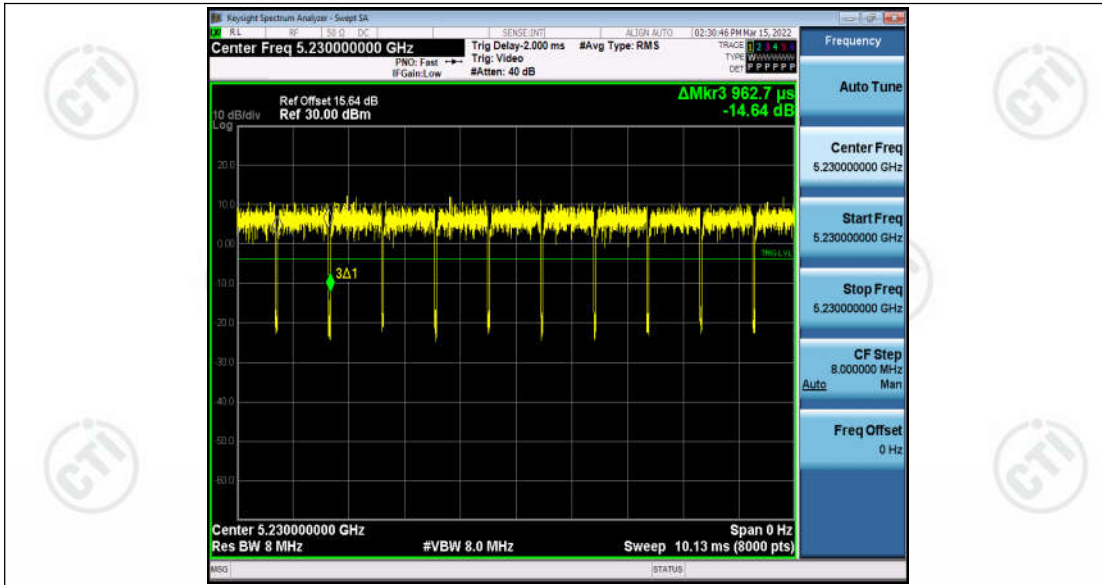
11N20SISO\_Ant2\_5825



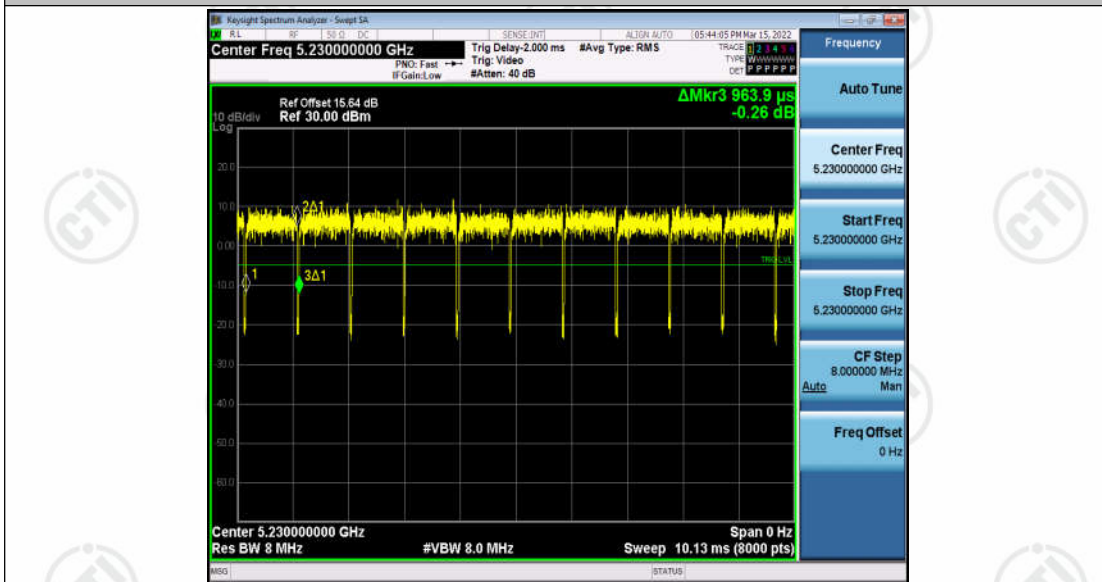
11N40SISO\_Ant1\_5190



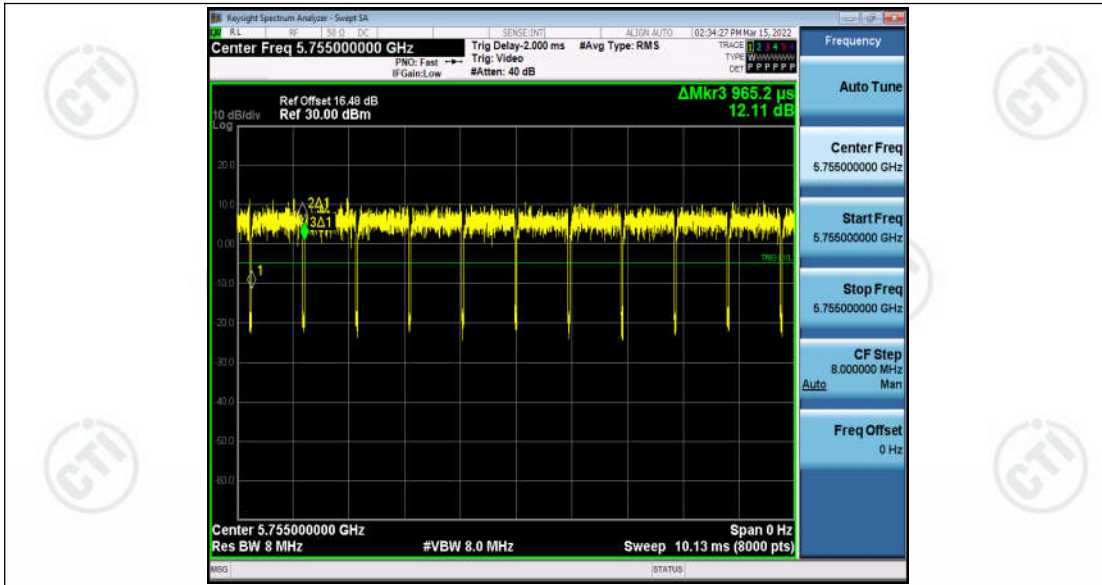
11N40SISO\_Ant2\_5190



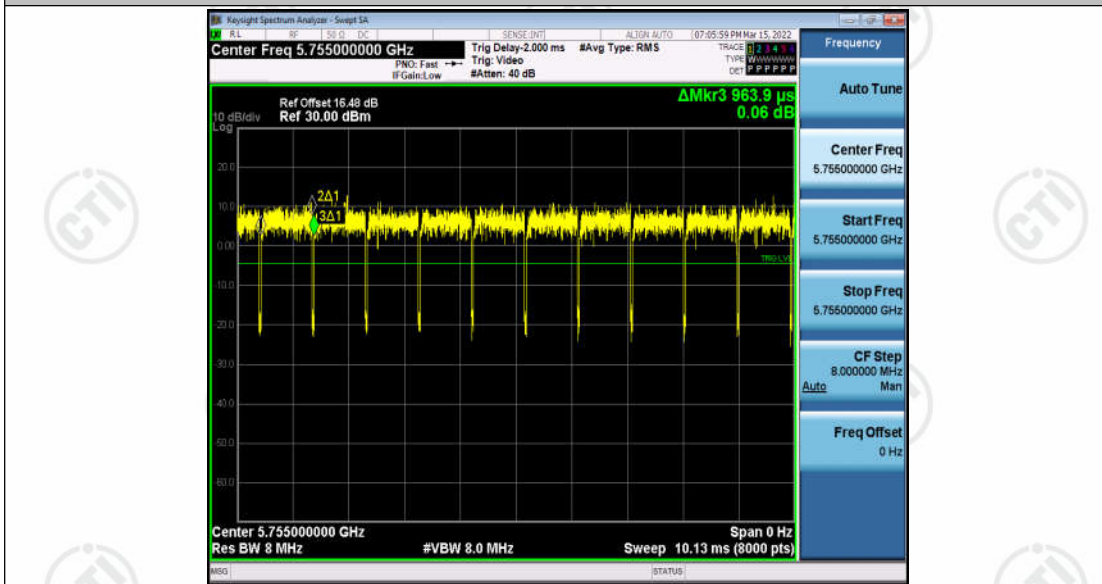
11N40SISO\_Ant1\_5230



11N40SISO\_Ant2\_5230

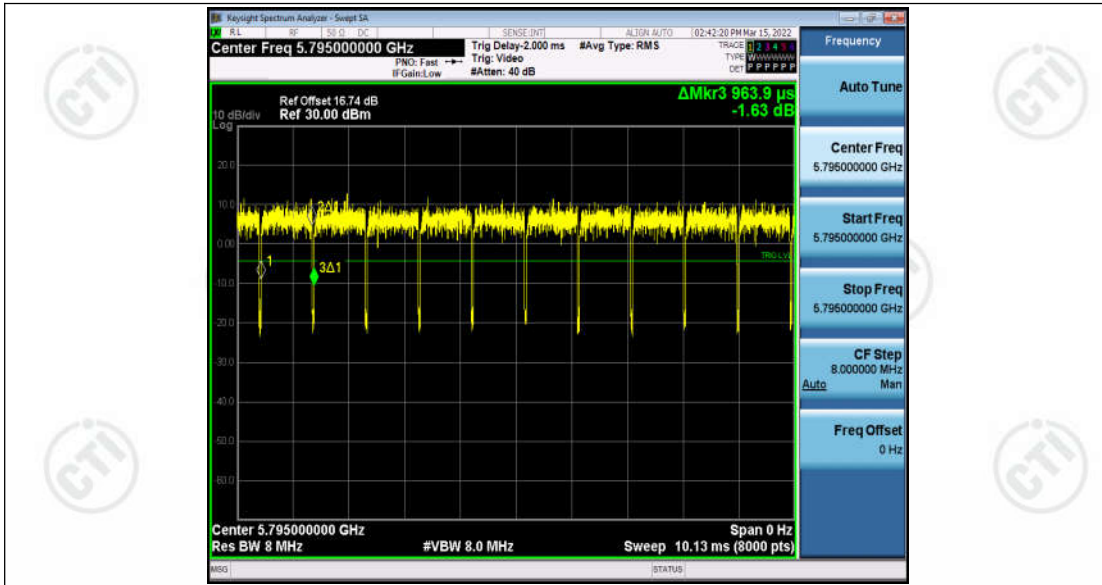


11N40SISO\_Ant1\_5755

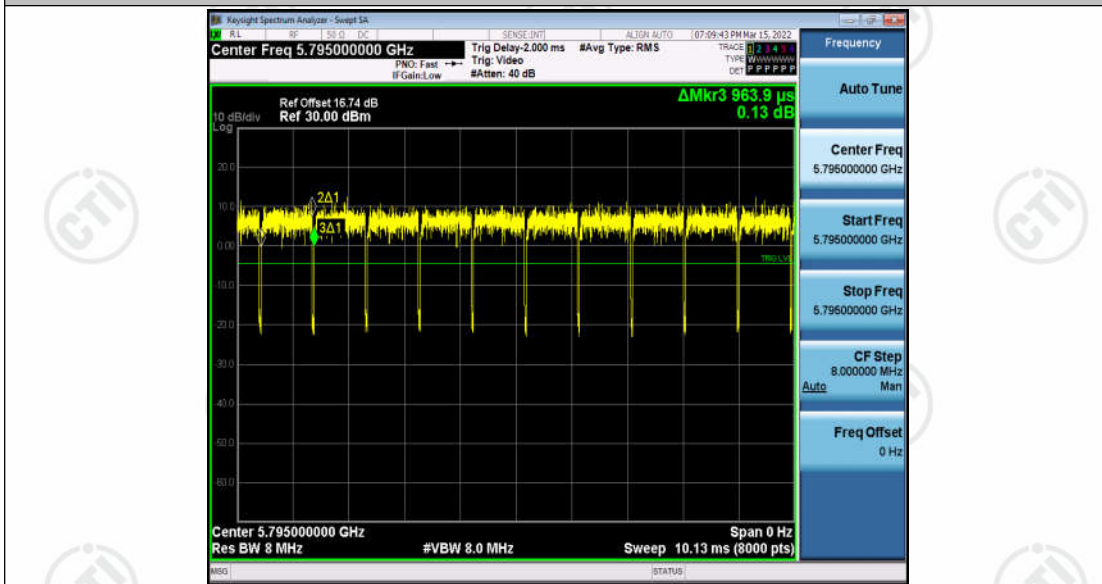


11N40SISO\_Ant2\_5755

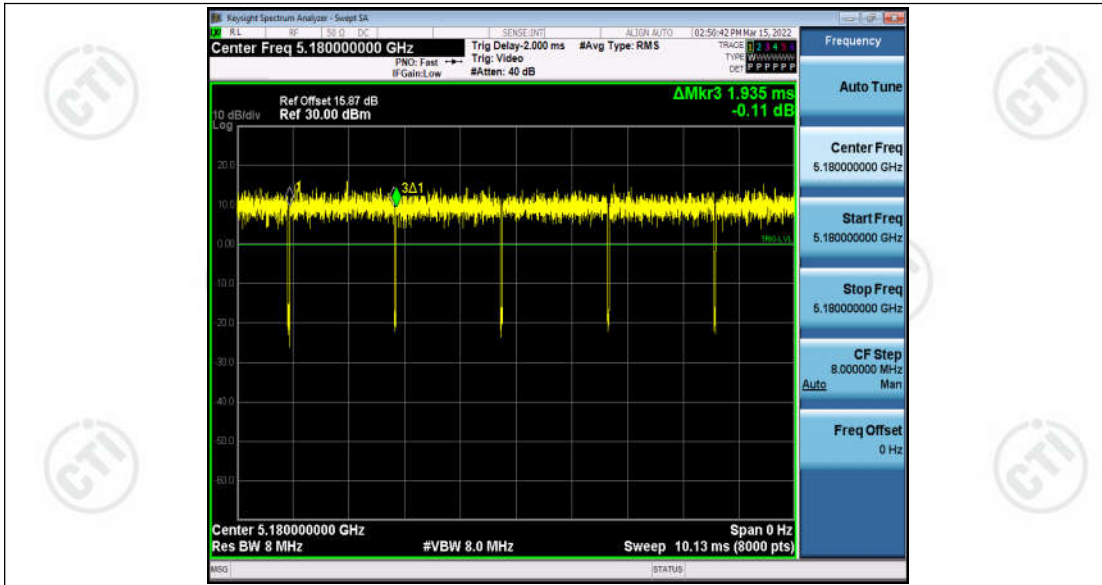




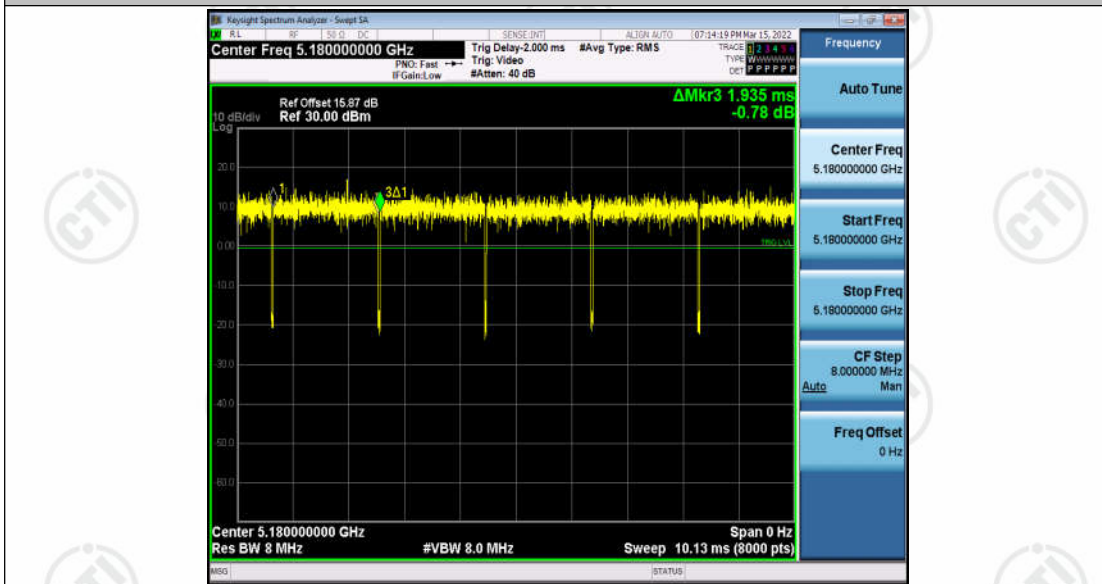
11N40SISO\_Ant1\_5795



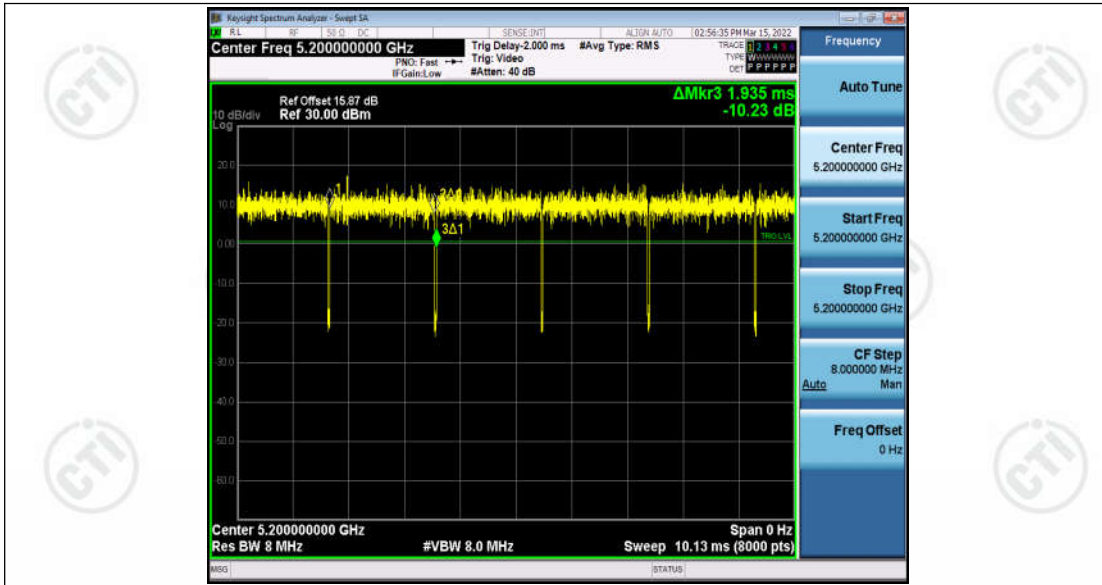
11N40SISO\_Ant2\_5795



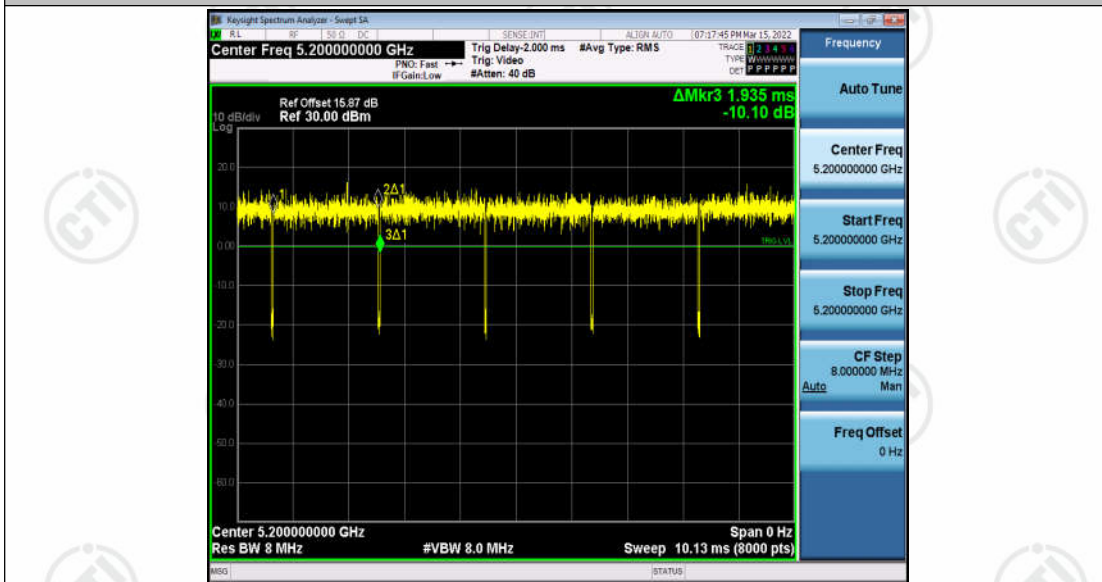
11AC20SISO\_Ant1\_5180



11AC20SISO\_Ant2\_5180



11AC20SISO\_Ant1\_5200



11AC20SISO\_Ant2\_5200