

11AC80SISO_Ant1_Low_5210_Peak



11AC80SISO_Ant1_High_5210_AV



11AC80SISO_Ant1_High_5210_Peak



1.7 APPENDIXF:CONDUCTED SPURIOUSEMISSION

Test Result

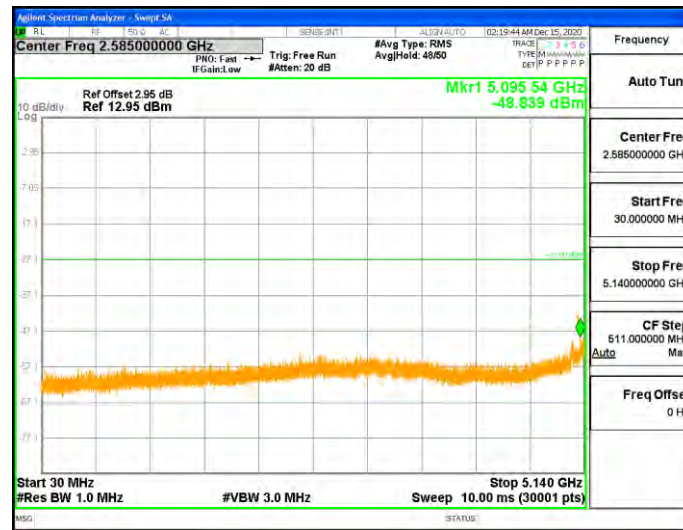
TestMode	Antenna	Channel	FreqRange [MHz]	Max. Fre [MHz]	Max. Level [dBm]	Limit [dBm]	Verdict
11A	Ant1	5180	30~5140	30~5140	-48.839	<=-27	PASS
			5360~40000	5360~40000	-43.292	<=-27	PASS
		5200	30~5140	30~5140	-49.169	<=-27	PASS
			5360~40000	5360~40000	-42.35	<=-27	PASS
		5240	30~5140	30~5140	-47.912	<=-27	PASS
			5360~40000	5360~40000	-43.55	<=-27	PASS
11N20SISO	Ant1	5180	30~5140	30~5140	-49.895	<=-27	PASS
			5360~40000	5360~40000	-43.332	<=-27	PASS
		5200	30~5140	30~5140	-49.49	<=-27	PASS
			5360~40000	5360~40000	-42.692	<=-27	PASS
		5240	30~5140	30~5140	-48.809	<=-27	PASS
			5360~40000	5360~40000	-43.991	<=-27	PASS
11N40SISO	Ant1	5190	30~5140	30~5140	-47.594	<=-27	PASS
			5360~40000	5360~40000	-43.301	<=-27	PASS
		5230	30~5140	30~5140	-49.035	<=-27	PASS
			5360~40000	5360~40000	-43.591	<=-27	PASS
11AC20SISO	Ant1	5180	30~5140	30~5140	-50.474	<=-27	PASS
			5360~40000	5360~40000	-43.144	<=-27	PASS
		5200	30~5140	30~5140	-50.067	<=-27	PASS
			5360~40000	5360~40000	-42.886	<=-27	PASS
		5240	30~5140	30~5140	-49.784	<=-27	PASS
			5360~40000	5360~40000	-43.313	<=-27	PASS
11AC40SISO	Ant1	5190	30~5140	30~5140	-46.771	<=-27	PASS
			5360~40000	5360~40000	-43.181	<=-27	PASS
		5230	30~5140	30~5140	-49.654	<=-27	PASS
			5360~40000	5360~40000	-43.577	<=-27	PASS
11AC80SISO	Ant1	5210	30~5140	30~5140	-40.9	<=-27	PASS
			5360~40000	5360~40000	-43.32	<=-27	PASS

Test Result

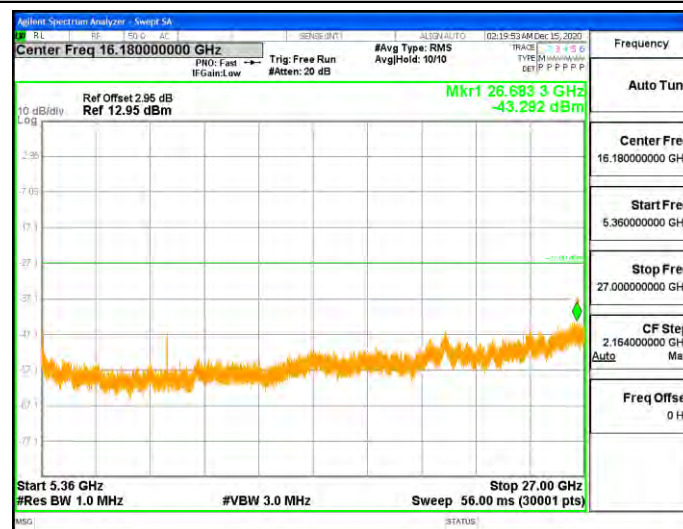
TestMode	Antenna	Channel	FreqRange [MHz]	Max. Fre [MHz]	Max. Level [dBm]	Limit [dBm]	Verdict
11A	Ant2	5180	30~5140	30~5140	-47.931	<=-27	PASS
			5360~40000	5360~40000	-43.989	<=-27	PASS
		5200	30~5140	30~5140	-49.218	<=-27	PASS
			5360~40000	5360~40000	-42.971	<=-27	PASS
		5240	30~5140	30~5140	-42.052	<=-27	PASS
			5360~40000	5360~40000	-43.258	<=-27	PASS
11N20SISO	Ant2	5180	30~5140	30~5140	-49.329	<=-27	PASS
			5360~40000	5360~40000	-42.004	<=-27	PASS
		5200	30~5140	30~5140	-45.321	<=-27	PASS
			5360~40000	5360~40000	-42.845	<=-27	PASS
		5240	30~5140	30~5140	-41.704	<=-27	PASS
			5360~40000	5360~40000	-43.31	<=-27	PASS
11N40SISO	Ant2	5190	30~5140	30~5140	-40.943	<=-27	PASS
			5360~40000	5360~40000	-43.122	<=-27	PASS
		5230	30~5140	30~5140	-48.195	<=-27	PASS
			5360~40000	5360~40000	-43.085	<=-27	PASS
11AC20SISO	Ant2	5180	30~5140	30~5140	-41.284	<=-27	PASS
			5360~40000	5360~40000	-43.567	<=-27	PASS
		5200	30~5140	30~5140	-40.448	<=-27	PASS
			5360~40000	5360~40000	-43.36	<=-27	PASS
		5240	30~5140	30~5140	-40.58	<=-27	PASS
			5360~40000	5360~40000	-41.857	<=-27	PASS
11AC40SISO	Ant2	5190	30~5140	30~5140	-38.43	<=-27	PASS
			5360~40000	5360~40000	-43.277	<=-27	PASS
		5230	30~5140	30~5140	-46.799	<=-27	PASS
			5360~40000	5360~40000	-43.273	<=-27	PASS
11AC80SISO	Ant2	5210	30~5140	30~5140	-44.981	<=-27	PASS
			5360~40000	5360~40000	-43.009	<=-27	PASS

Test Graphs

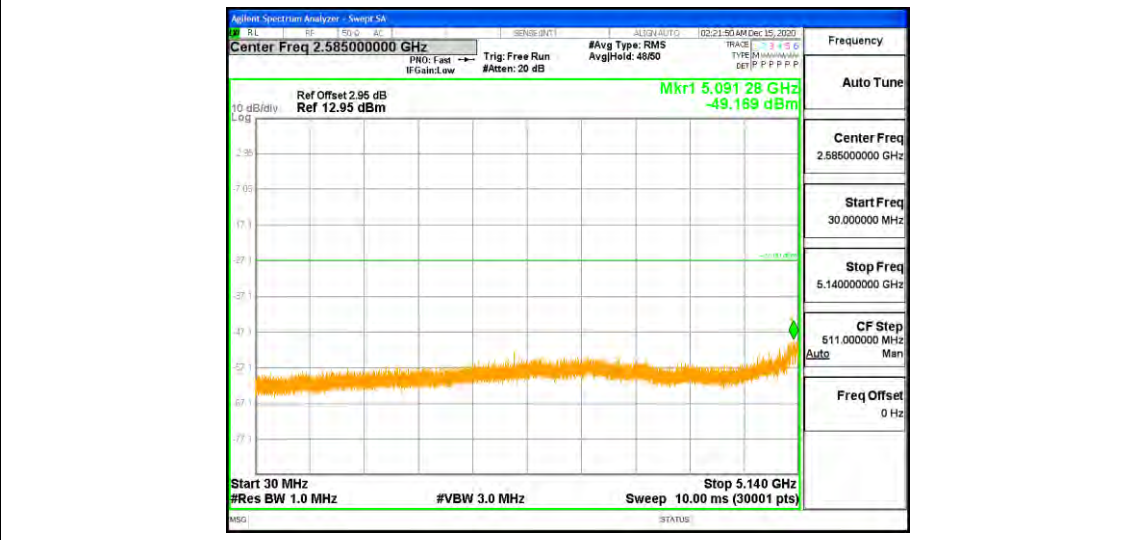
11A_Ant1_5180_30~5140



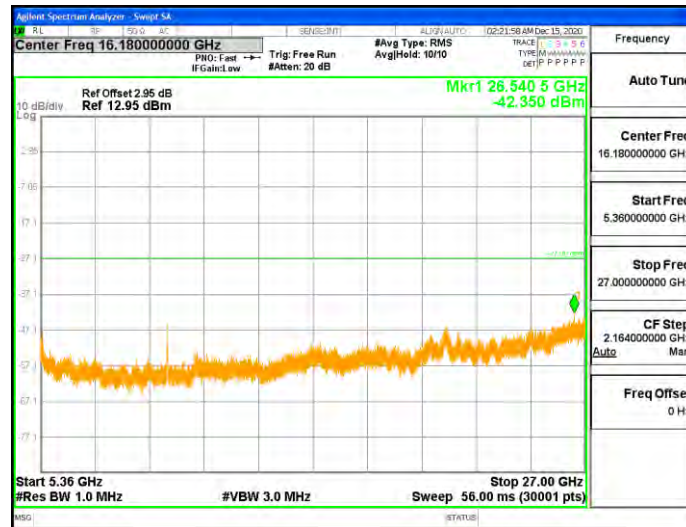
11A_Ant1_5180_5360~40000



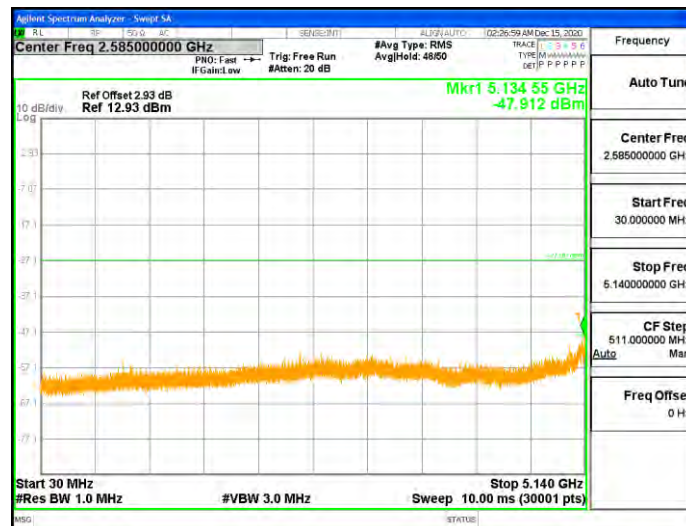
11A_Ant1_5200_30~5140



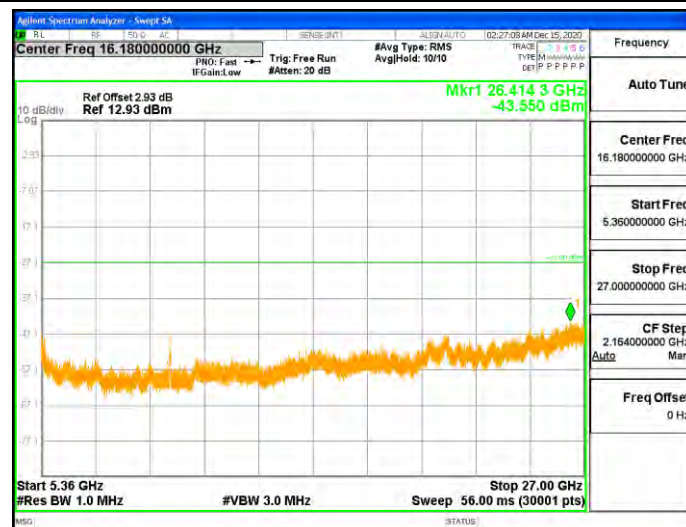
11A_Ant1_5200_5360~40000



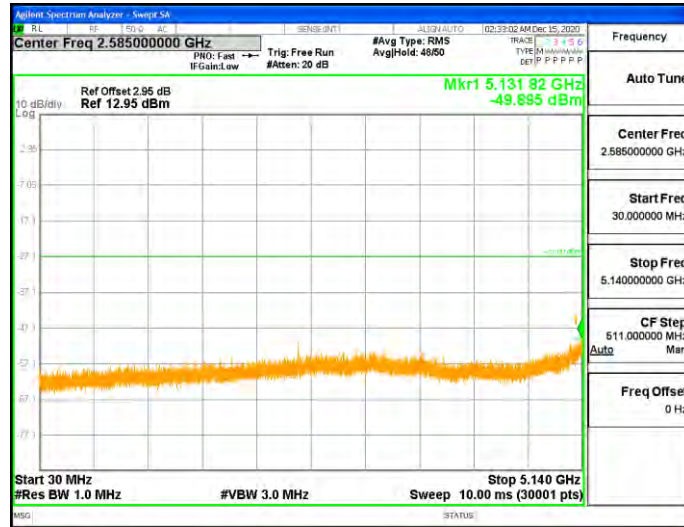
11A_Ant1_5240_30~5140



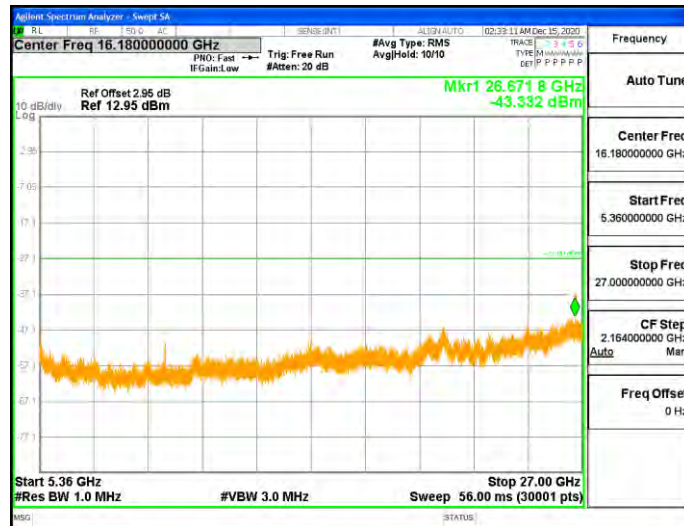
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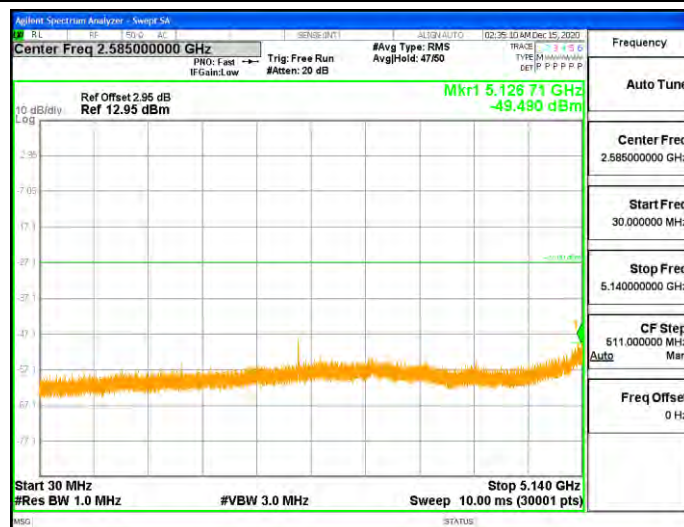
11N20SISO_Ant1_5180_30~5140



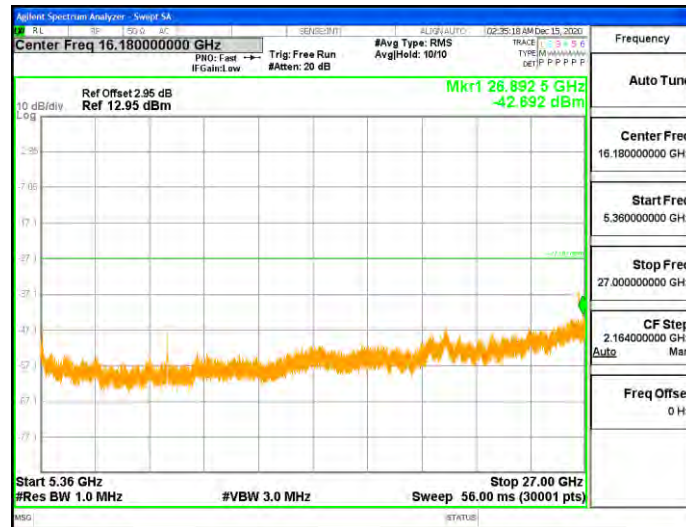
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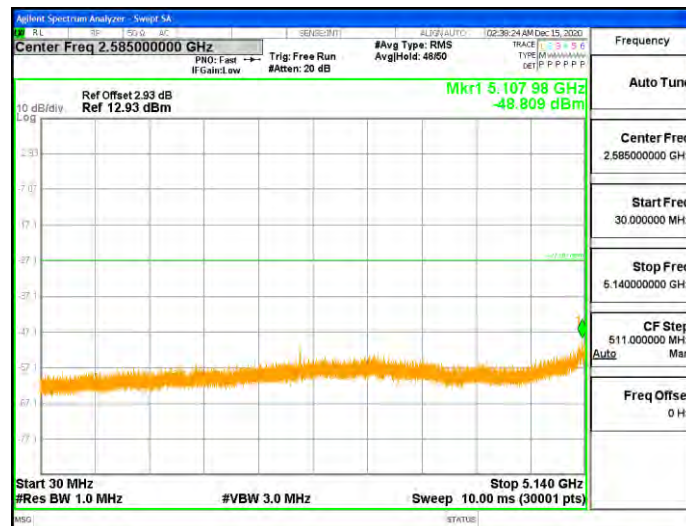
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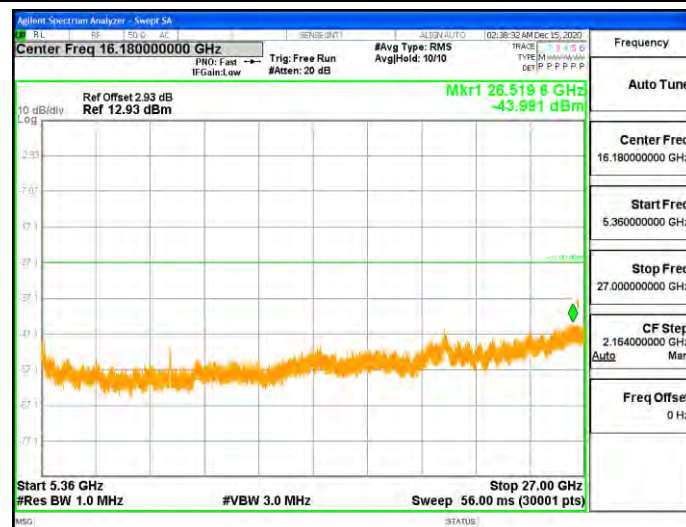
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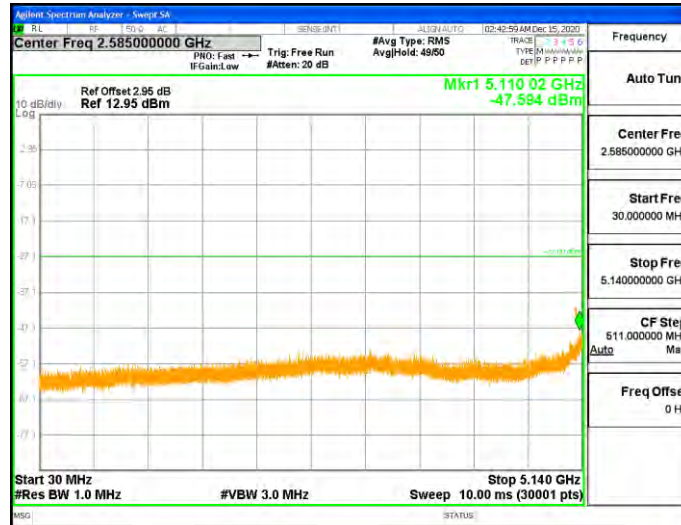
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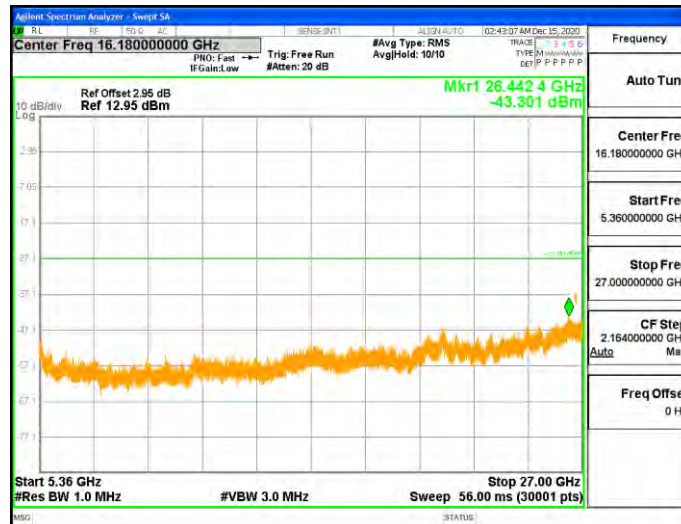
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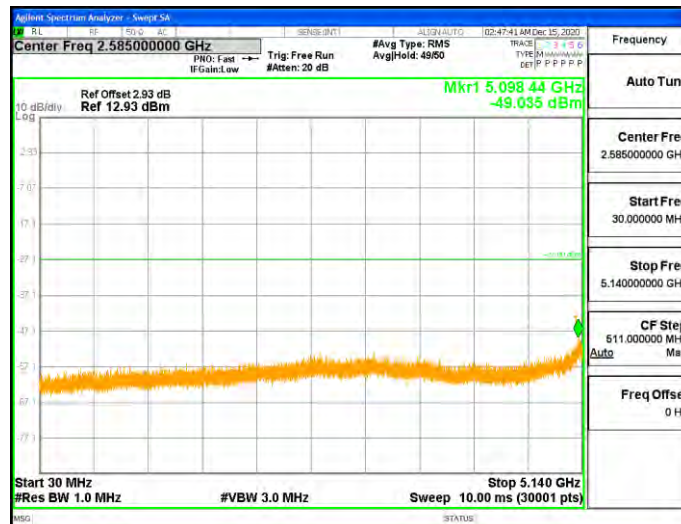
11N40SISO_Ant1_5190_30~5140



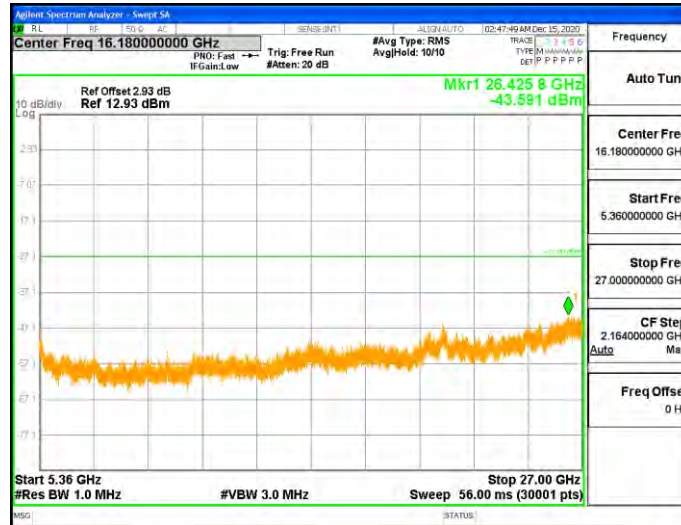
11N40SISO_Ant1_5190_5360~40000



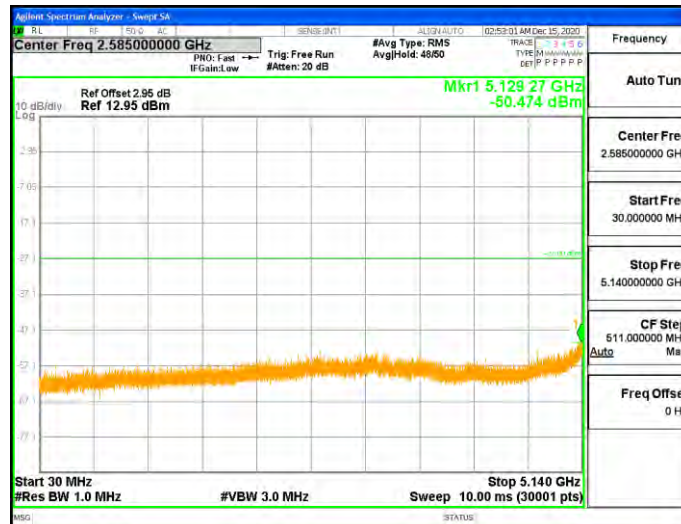
11N40SISO_Ant1_5230_30~5140



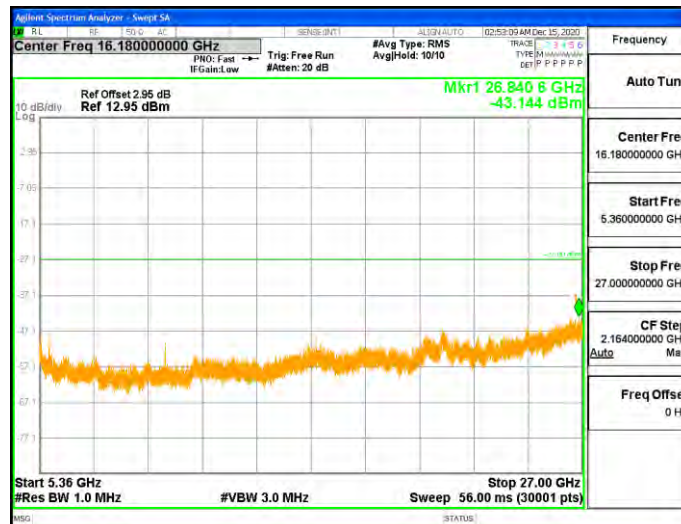
11N40SISO_Ant1_5230_5360~40000



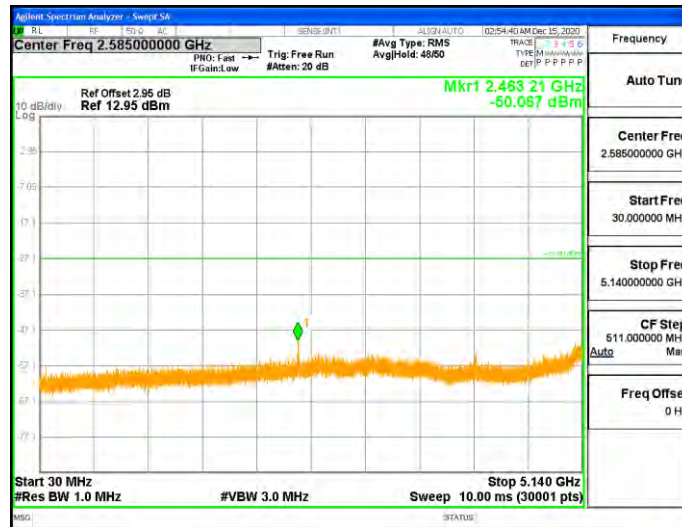
11AC20SISO_Ant1_5180_30~5140



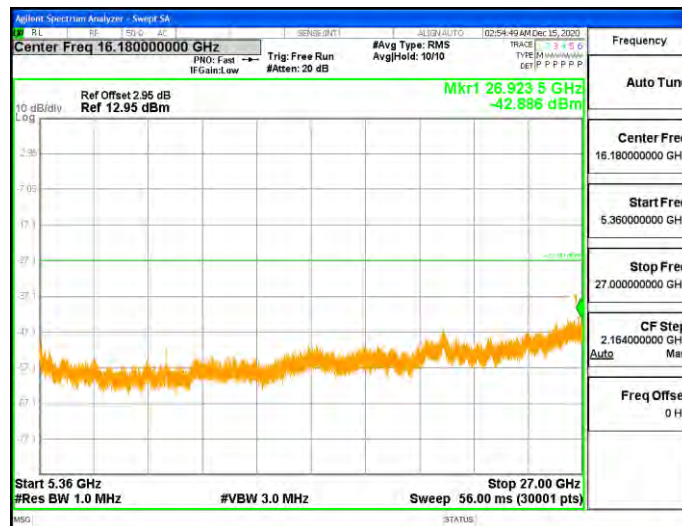
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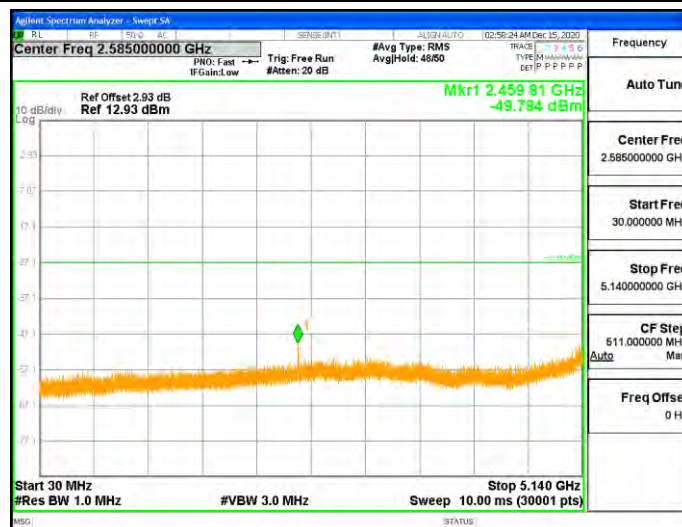
11AC20SISO_Ant1_5200_30~5140



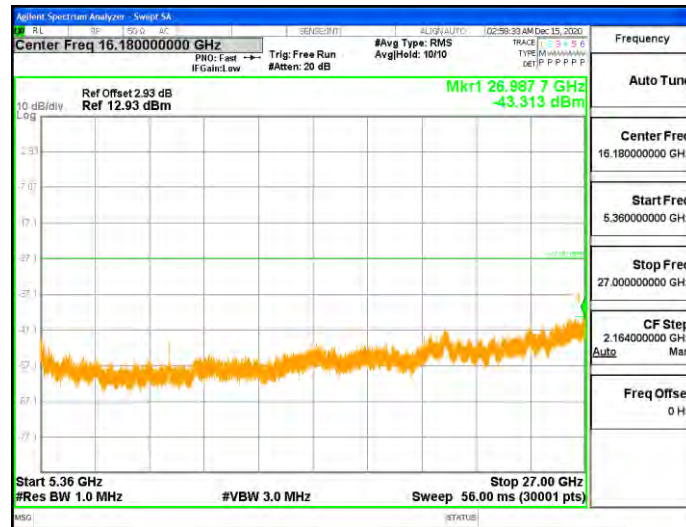
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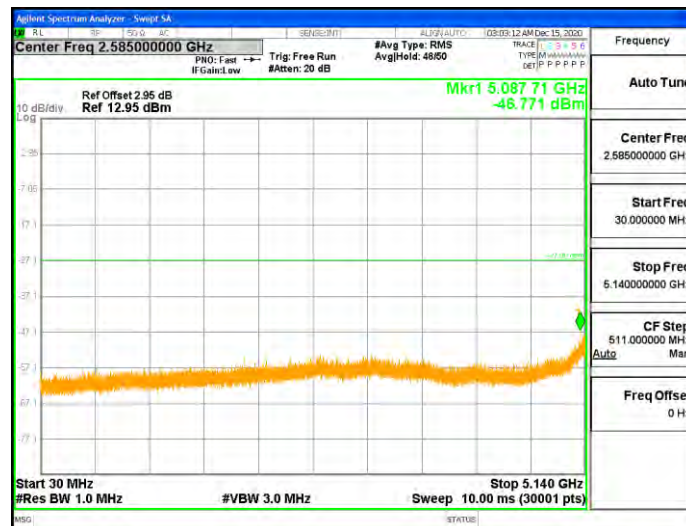
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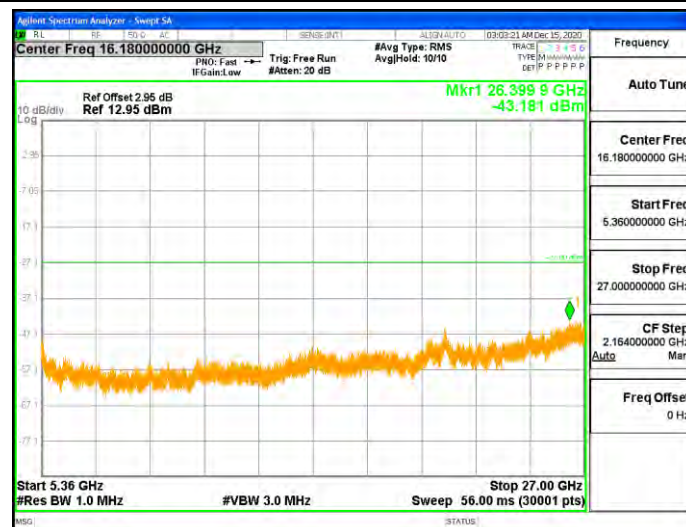
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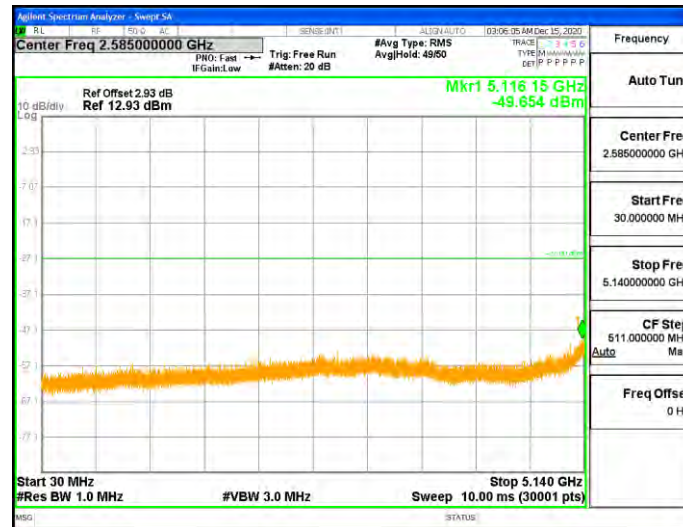
11AC40SISO_Ant1_5190_30~5140



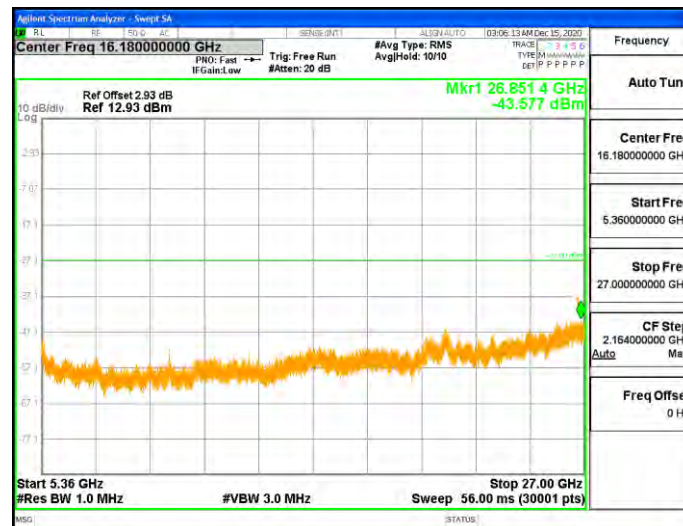
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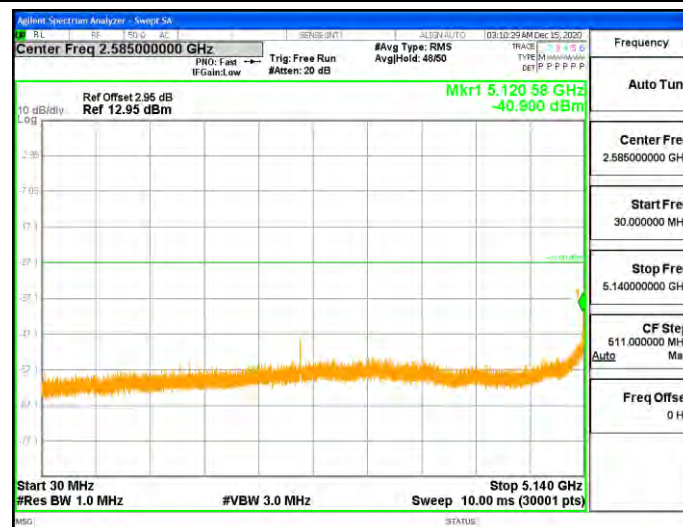
11AC40SISO_Ant1_5230_30~5140



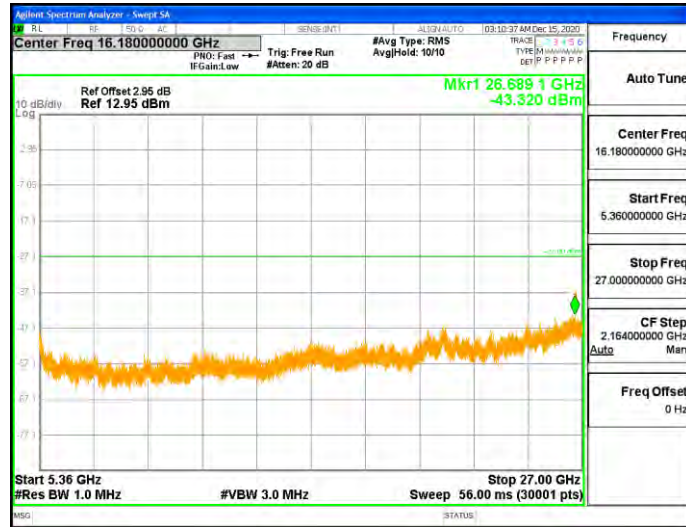
11AC40SISO_Ant1_5230_5360~40000



11AC80SISO_Ant1_5210_30~5140

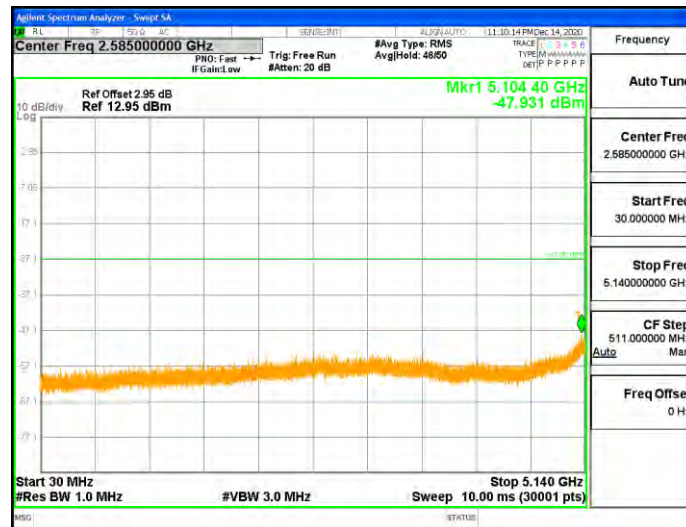


11AC80SISO_Ant1_5210_5360~40000

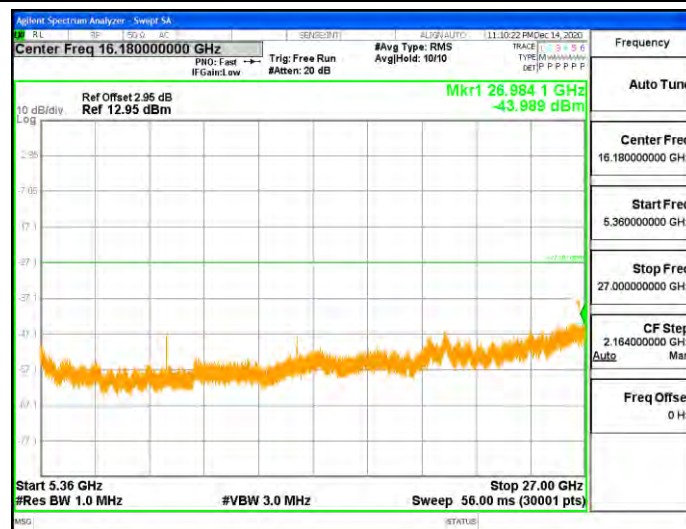


Test Graphs

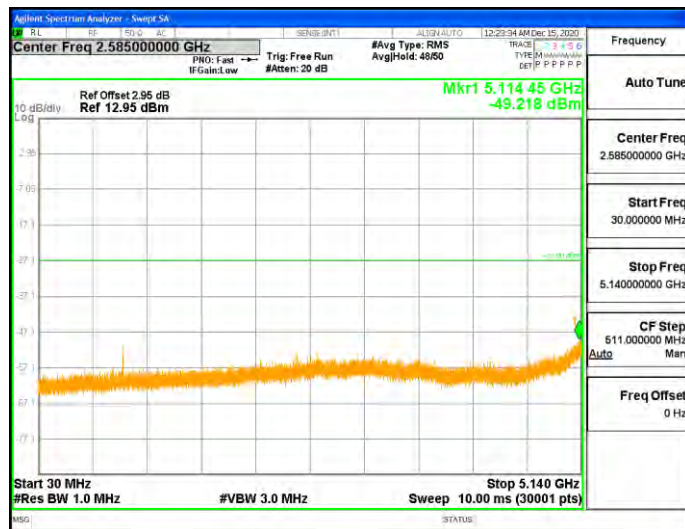
11B_Ant2_5180_30~5140



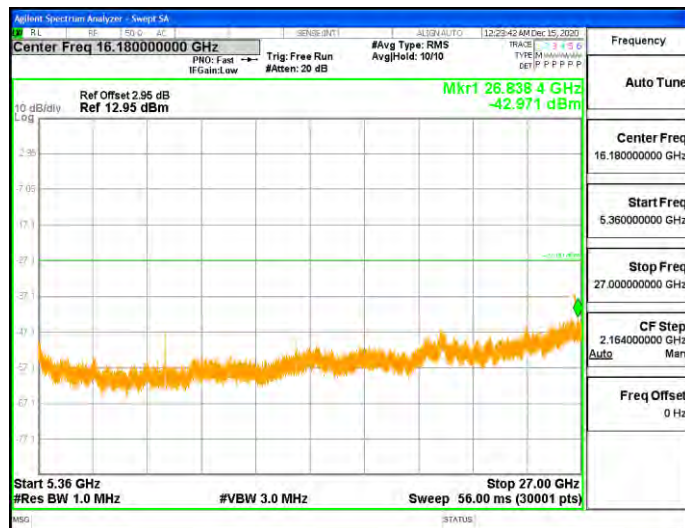
11B_Ant2_5180_5360~40000



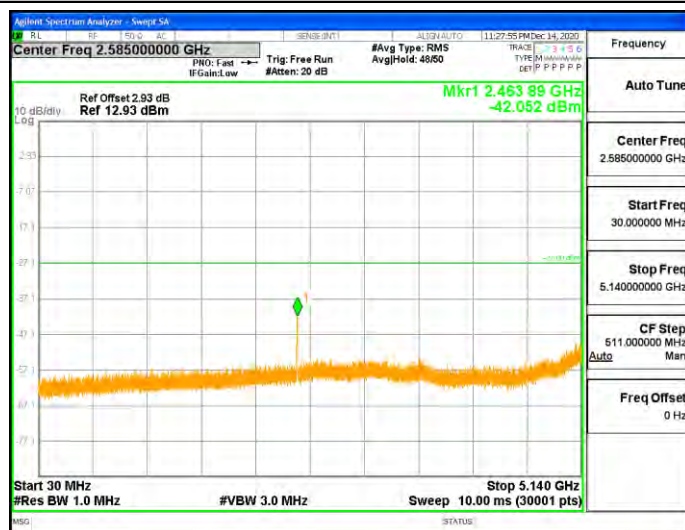
11B_Ant2_5200_30~5140



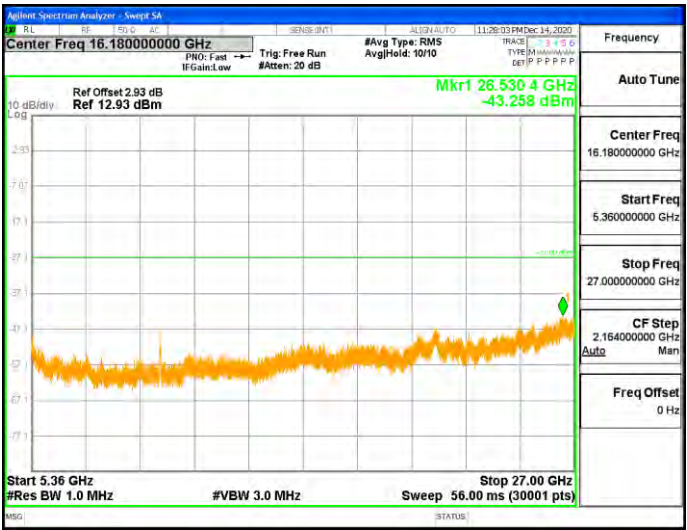
11B_Ant2_5200_5360~40000



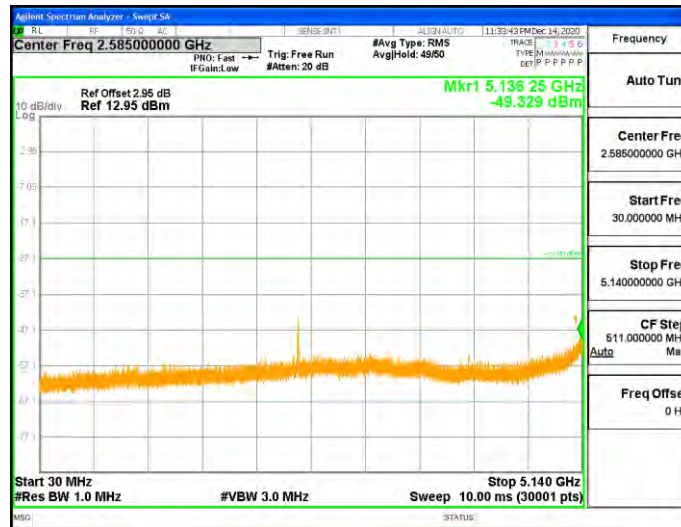
11B_Ant2_5240_30~5140



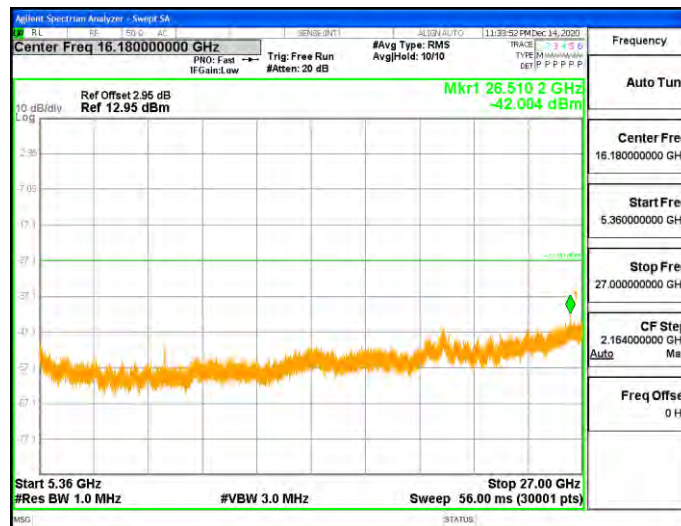
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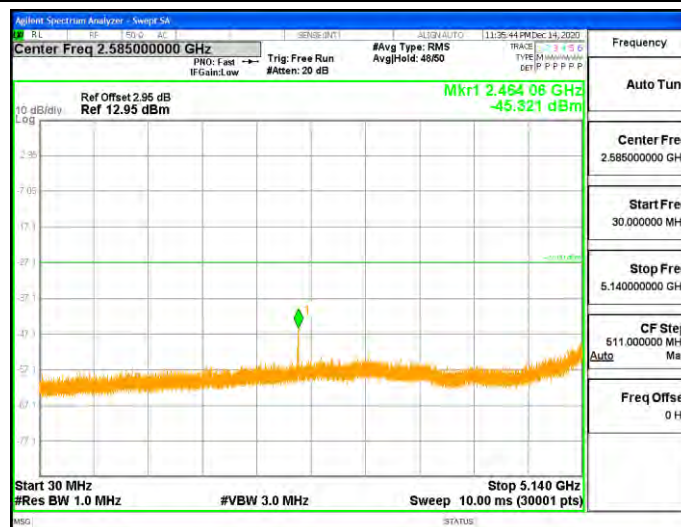
11N20SISO_Ant2_5180_30~5140



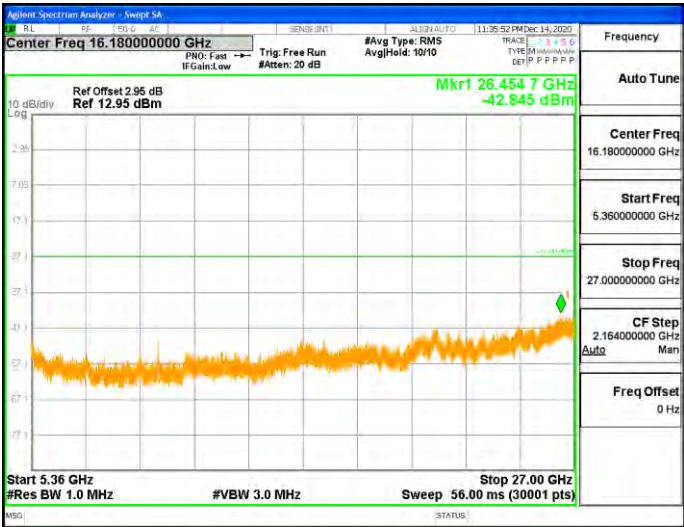
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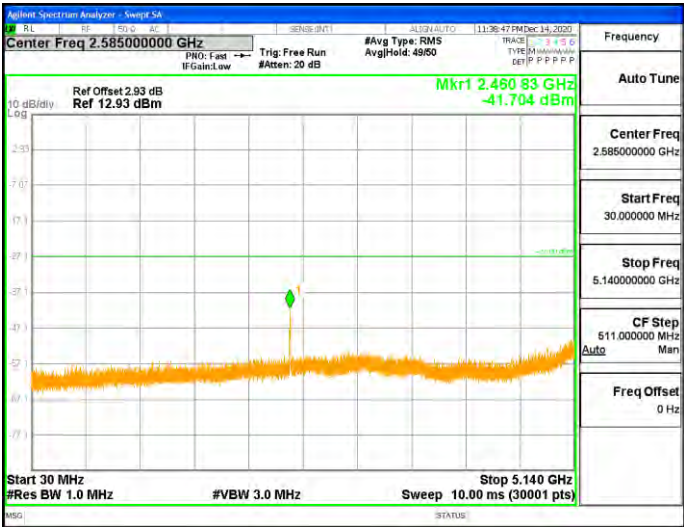
11N20SISO_Ant2_5200_30~5140



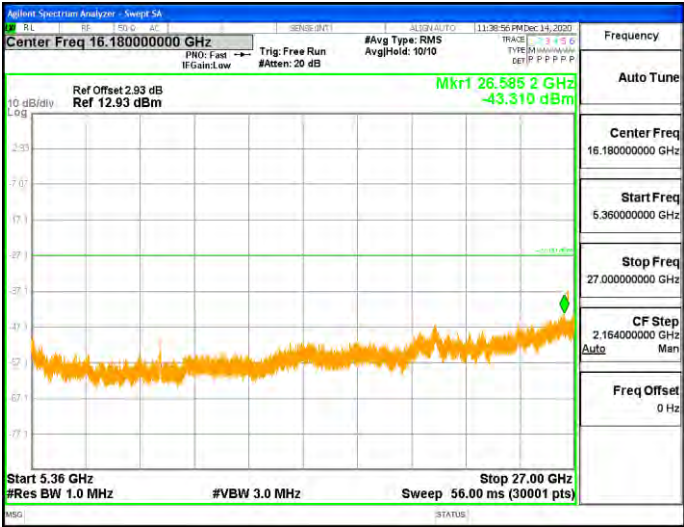
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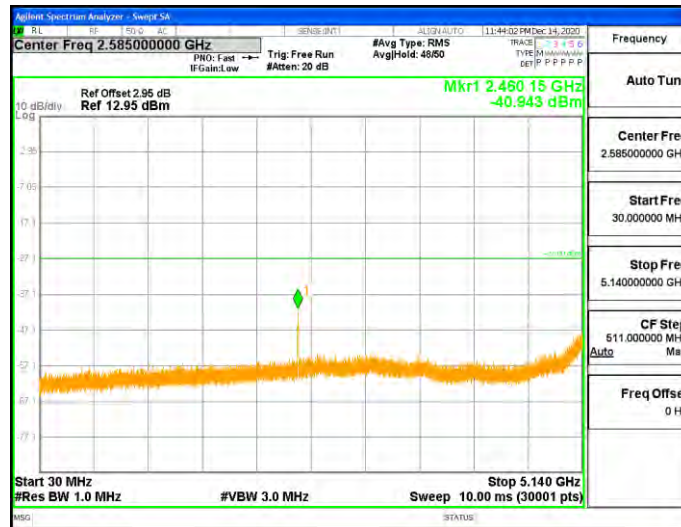
11N20SISO_Ant2_5240_30~5140



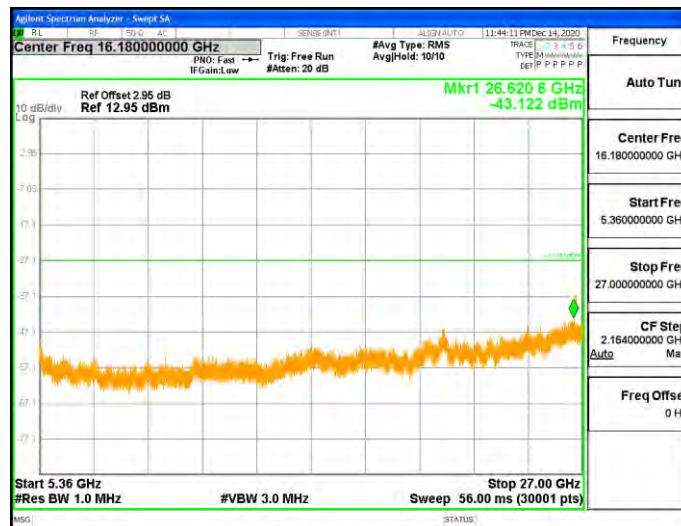
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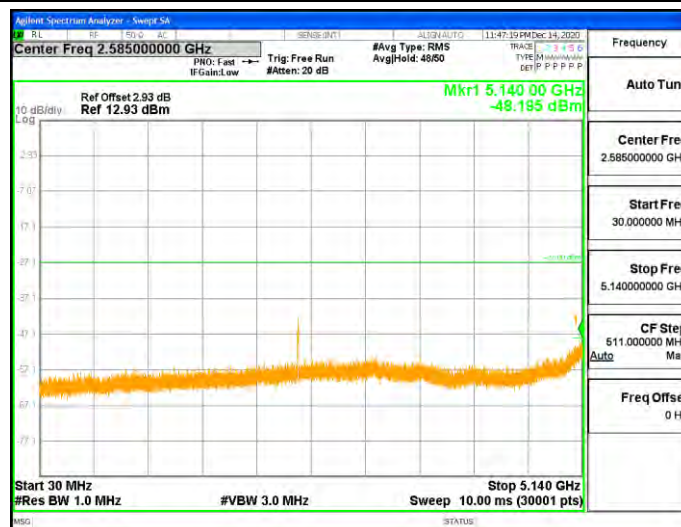
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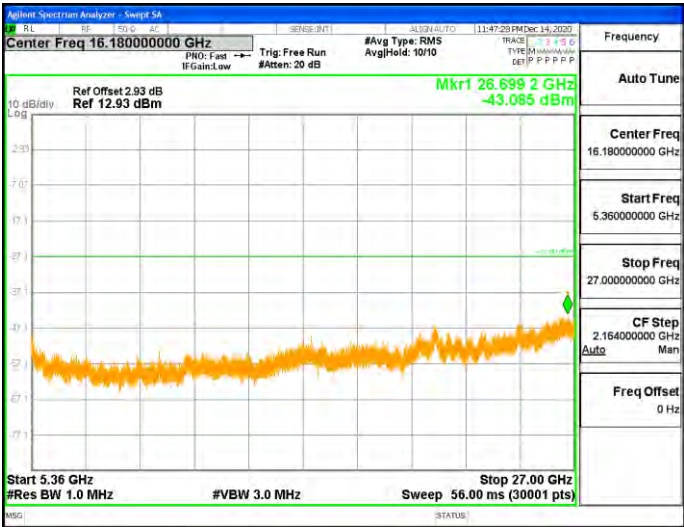
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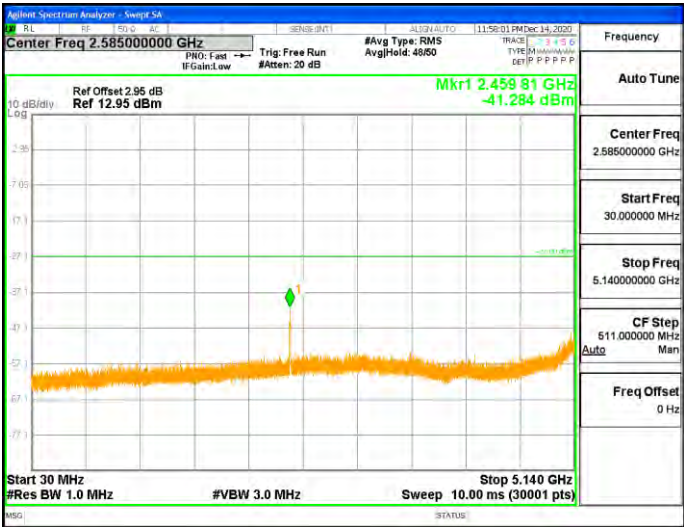
11N40SISO_Ant2_5230_30~5140



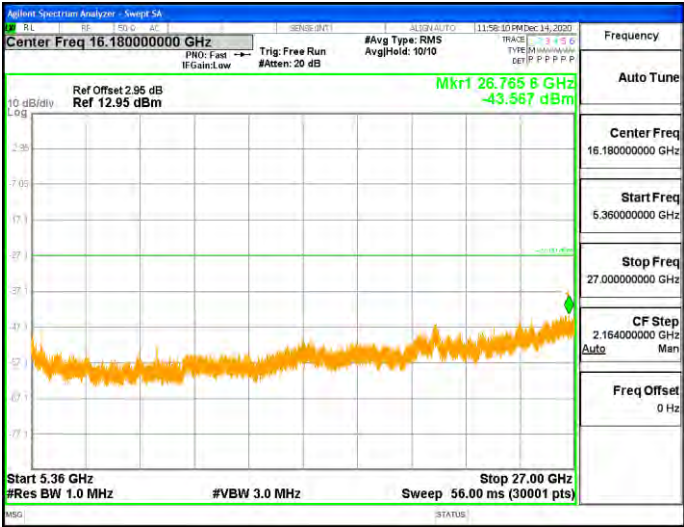
11N40SISO_Ant2_5230_5360~40000



11AC20SISO_Ant2_5180_30~5140



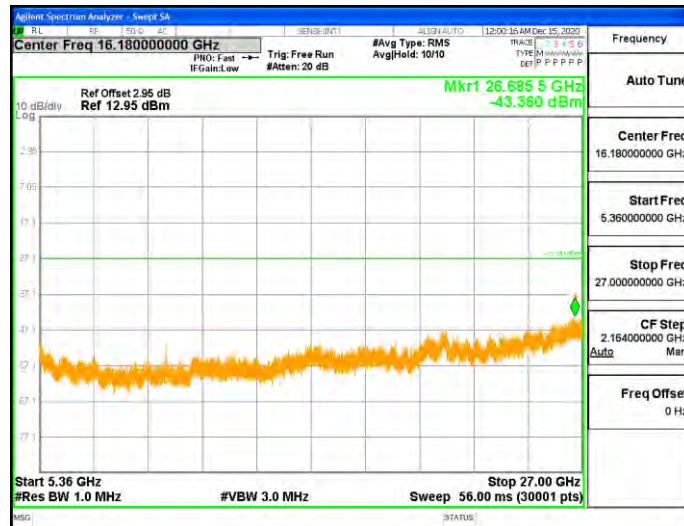
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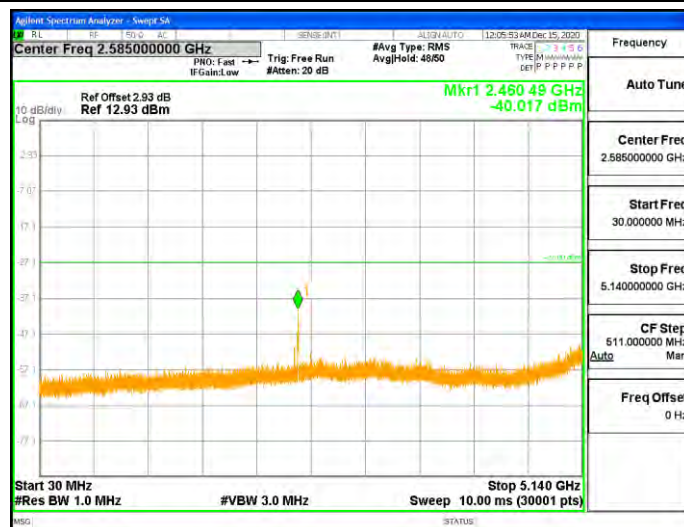
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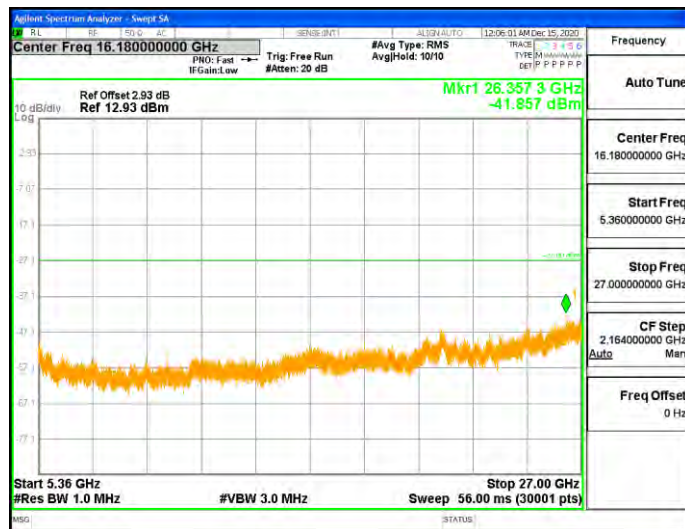
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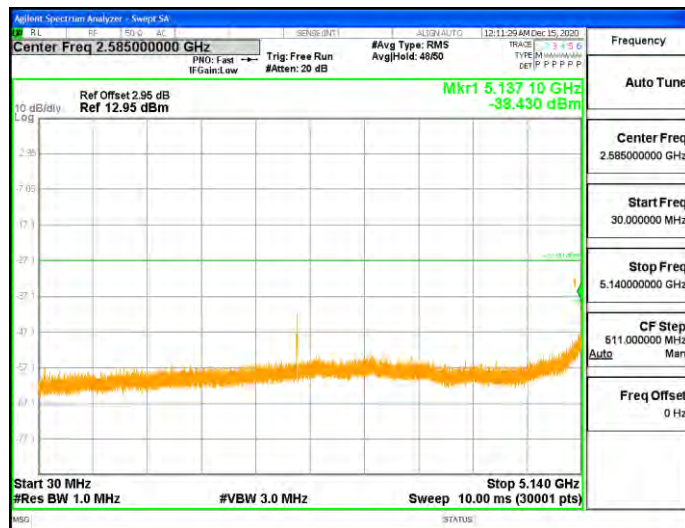
11AC20SISO_Ant2_5240_30~5140



11AC20SISO_Ant2_5240_5360~40000



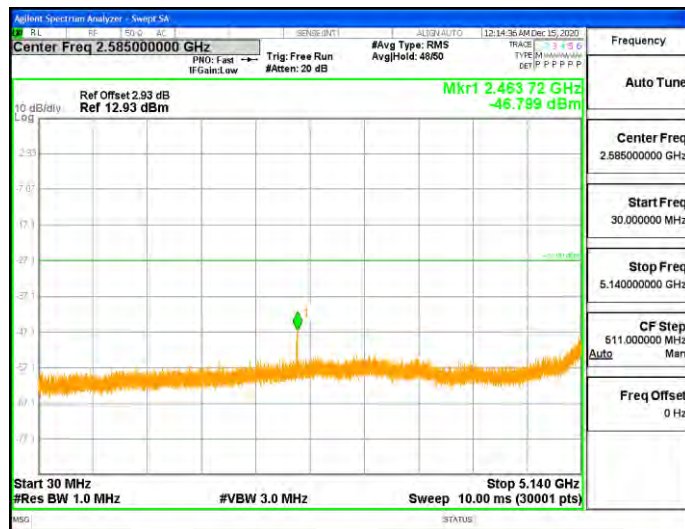
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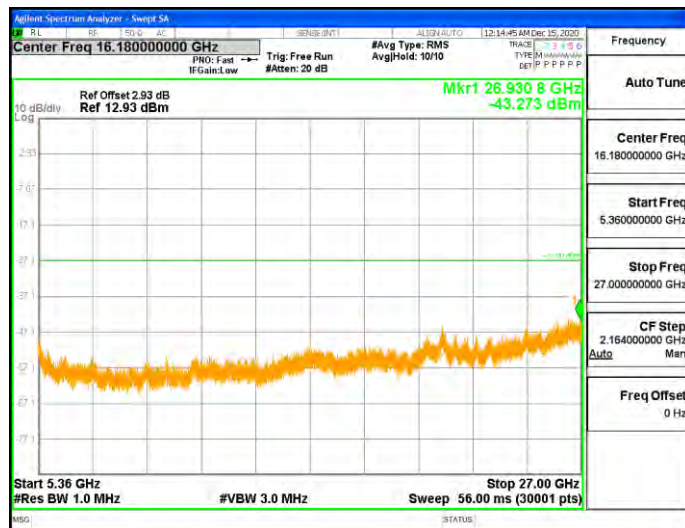
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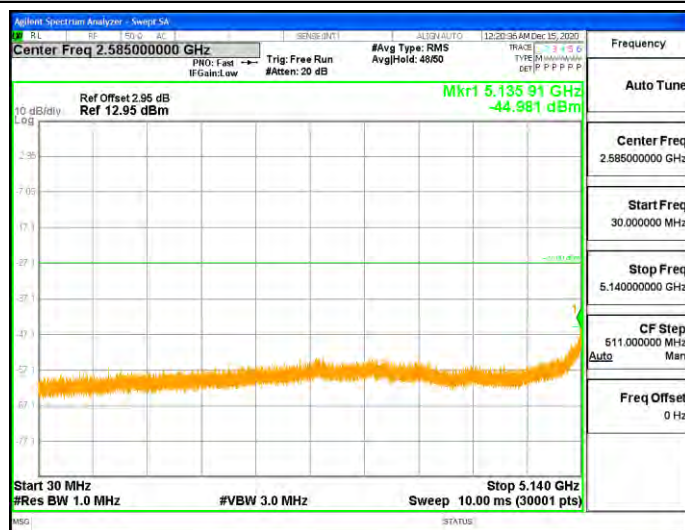
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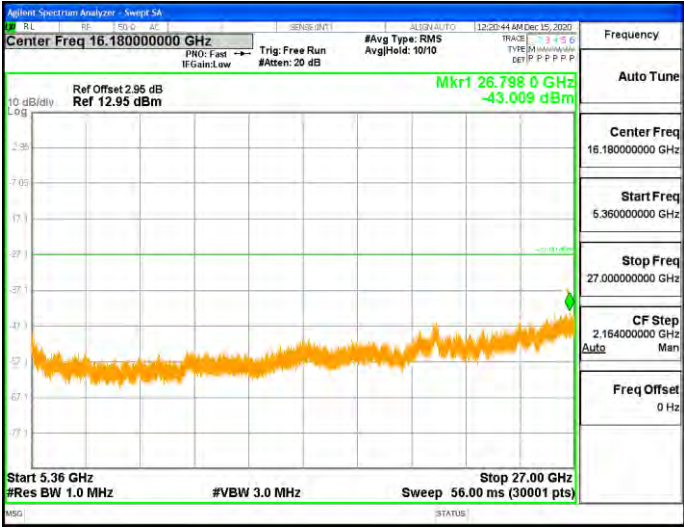
11AC40SISO_Ant2_5230_5360~40000



11AC80SISO_Ant2_5210_30~5140



11AC80SISO_Ant2_5210_5360~40000



1.8 APPENDIXG:FREQUENCY STABILITY

Test Result

Voltage								
TestMode	Antenna	Channel	Voltage [Vdc]	Temperature (°C)	Deviation (Hz)	Deviation (ppm)	Limit (ppm)	Verdict
11A	Ant1	5180	NV	NT	-14000	-2.702703	20	PASS
			LV	NT	-18000	-3.474903	20	PASS
			HV	NT	-20000	-3.861004	20	PASS
		5200	NV	NT	-27000	-5.192308	20	PASS
			LV	NT	-28000	-5.384615	20	PASS
			HV	NT	-28000	-5.384615	20	PASS
		5240	NV	NT	-30000	-5.725191	20	PASS
			LV	NT	-30000	-5.725191	20	PASS
			HV	NT	-30000	-5.725191	20	PASS
11N20SI SO	Ant1	5180	NV	NT	-30000	-5.791506	20	PASS
			LV	NT	-30000	-5.791506	20	PASS
			HV	NT	-30000	-5.791506	20	PASS
		5200	NV	NT	-30000	-5.769231	20	PASS
			LV	NT	-31000	-5.961538	20	PASS
			HV	NT	-31000	-5.961538	20	PASS
		5240	NV	NT	-31000	-5.916031	20	PASS
			LV	NT	-31000	-5.916031	20	PASS
			HV	NT	-31000	-5.916031	20	PASS
11N40SI SO	Ant1	5190	NV	NT	-31000	-5.973025	20	PASS
			LV	NT	-31000	-5.973025	20	PASS
			HV	NT	-31000	-5.973025	20	PASS
		5230	NV	NT	-31000	-5.927342	20	PASS
			LV	NT	-31000	-5.927342	20	PASS
			HV	NT	-31000	-5.927342	20	PASS
11AC20S ISO	Ant1	5180	NV	NT	-31000	-5.984556	20	PASS
			LV	NT	-31000	-5.984556	20	PASS
			HV	NT	-31000	-5.984556	20	PASS
		5200	NV	NT	-30000	-5.769231	20	PASS
			LV	NT	-31000	-5.961538	20	PASS
			HV	NT	-31000	-5.961538	20	PASS
		5240	NV	NT	-31000	-5.916031	20	PASS
			LV	NT	-31000	-5.916031	20	PASS
			HV	NT	-31000	-5.916031	20	PASS
11AC40S ISO	Ant1	5190	NV	NT	-31000	-5.973025	20	PASS
			LV	NT	-31000	-5.973025	20	PASS

		5230	HV	NT	-31000	-5.973025	20	PASS
			NV	NT	-31000	-5.927342	20	PASS
			LV	NT	-31000	-5.927342	20	PASS
			HV	NT	-31000	-5.927342	20	PASS
11AC80S ISO	Ant1	5210	NV	NT	-31000	-5.950096	20	PASS
			LV	NT	-31000	-5.950096	20	PASS
			HV	NT	-31000	-5.950096	20	PASS

Temperature								
TestMode	Antenna	Channel	Voltage [Vdc]	Temperature (°C)	Deviation (Hz)	Deviation (ppm)	Limit (ppm)	Verdict
11A	Ant1	5180	NV	-30	-21000	-4.054054	20	PASS
			NV	-20	-23000	-4.440154	20	PASS
			NV	-10	-23000	-4.440154	20	PASS
			NV	0	-24000	-4.633205	20	PASS
			NV	10	-25000	-4.826255	20	PASS
			NV	20	-25000	-4.826255	20	PASS
			NV	30	-25000	-4.826255	20	PASS
			NV	40	-26000	-5.019305	20	PASS
			NV	50	-26000	-5.019305	20	PASS
		5200	NV	-30	-28000	-5.384615	20	PASS
			NV	-20	-29000	-5.576923	20	PASS
			NV	-10	-29000	-5.576923	20	PASS
			NV	0	-29000	-5.576923	20	PASS
			NV	10	-29000	-5.576923	20	PASS
			NV	20	-29000	-5.576923	20	PASS
			NV	30	-29000	-5.576923	20	PASS
			NV	40	-29000	-5.576923	20	PASS
			NV	50	-30000	-5.769231	20	PASS
		5240	NV	-30	-30000	-5.725191	20	PASS
			NV	-20	-30000	-5.725191	20	PASS
			NV	-10	-31000	-5.916031	20	PASS
			NV	0	-30000	-5.725191	20	PASS
			NV	10	-31000	-5.916031	20	PASS
			NV	20	-31000	-5.916031	20	PASS
			NV	30	-31000	-5.916031	20	PASS
			NV	40	-31000	-5.916031	20	PASS
			NV	50	-31000	-5.916031	20	PASS
11N20SI SO	Ant1	5180	NV	-30	-30000	-5.791506	20	PASS
			NV	-20	-31000	-5.984556	20	PASS
			NV	-10	-30000	-5.791506	20	PASS
			NV	0	-30000	-5.791506	20	PASS
			NV	10	-30000	-5.791506	20	PASS

			NV	20	-31000	-5.984556	20	PASS
			NV	30	-30000	-5.791506	20	PASS
			NV	40	-30000	-5.791506	20	PASS
			NV	50	-30000	-5.791506	20	PASS
		5200	NV	-30	-31000	-5.961538	20	PASS
			NV	-20	-31000	-5.961538	20	PASS
			NV	-10	-31000	-5.961538	20	PASS
			NV	0	-31000	-5.961538	20	PASS
			NV	10	-31000	-5.961538	20	PASS
			NV	20	-31000	-5.961538	20	PASS
			NV	30	-500000	-96.153846	20	FAIL
			NV	40	-31000	-5.961538	20	PASS
			NV	50	-31000	-5.961538	20	PASS
		5240	NV	-30	-31000	-5.916031	20	PASS
			NV	-20	-31000	-5.916031	20	PASS
			NV	-10	-31000	-5.916031	20	PASS
			NV	0	-31000	-5.916031	20	PASS
			NV	10	-31000	-5.916031	20	PASS
			NV	20	-31000	-5.916031	20	PASS
			NV	30	-31000	-5.916031	20	PASS
			NV	40	-31000	-5.916031	20	PASS
			NV	50	-31000	-5.916031	20	PASS
11N40SI SO	Ant1	5190	NV	-30	-31000	-5.973025	20	PASS
			NV	-20	-31000	-5.973025	20	PASS
			NV	-10	-31000	-5.973025	20	PASS
			NV	0	-31000	-5.973025	20	PASS
			NV	10	-31000	-5.973025	20	PASS
			NV	20	-31000	-5.973025	20	PASS
			NV	30	-31000	-5.973025	20	PASS
			NV	40	-31000	-5.973025	20	PASS
			NV	50	-31000	-5.973025	20	PASS
		5230	NV	-30	-31000	-5.927342	20	PASS
			NV	-20	-31000	-5.927342	20	PASS
			NV	-10	-31000	-5.927342	20	PASS
			NV	0	-31000	-5.927342	20	PASS
			NV	10	-31000	-5.927342	20	PASS
			NV	20	-31000	-5.927342	20	PASS
			NV	30	-31000	-5.927342	20	PASS
			NV	40	-31000	-5.927342	20	PASS
			NV	50	-31000	-5.927342	20	PASS
11AC20S ISO	Ant1	5180	NV	-30	-31000	-5.984556	20	PASS
			NV	-20	-30000	-5.791506	20	PASS
			NV	-10	-31000	-5.984556	20	PASS

			NV	0	-31000	-5.984556	20	PASS
			NV	10	-31000	-5.984556	20	PASS
			NV	20	-31000	-5.984556	20	PASS
			NV	30	-31000	-5.984556	20	PASS
			NV	40	-31000	-5.984556	20	PASS
			NV	50	-31000	-5.984556	20	PASS
		5200	NV	-30	-31000	-5.961538	20	PASS
			NV	-20	-31000	-5.961538	20	PASS
			NV	-10	-31000	-5.961538	20	PASS
			NV	0	-31000	-5.961538	20	PASS
			NV	10	-31000	-5.961538	20	PASS
			NV	20	-31000	-5.961538	20	PASS
			NV	30	-31000	-5.961538	20	PASS
			NV	40	-31000	-5.961538	20	PASS
			NV	50	-31000	-5.961538	20	PASS
		5240	NV	-30	-31000	-5.916031	20	PASS
			NV	-20	-31000	-5.916031	20	PASS
			NV	-10	-31000	-5.916031	20	PASS
			NV	0	-31000	-5.916031	20	PASS
			NV	10	-31000	-5.916031	20	PASS
			NV	20	-31000	-5.916031	20	PASS
			NV	30	-31000	-5.916031	20	PASS
			NV	40	-31000	-5.916031	20	PASS
			NV	50	-31000	-5.916031	20	PASS
11AC40S ISO	Ant1	5190	NV	-30	-31000	-5.973025	20	PASS
			NV	-20	-31000	-5.973025	20	PASS
			NV	-10	-31000	-5.973025	20	PASS
			NV	0	-31000	-5.973025	20	PASS
			NV	10	-31000	-5.973025	20	PASS
			NV	20	-31000	-5.973025	20	PASS
			NV	30	-31000	-5.973025	20	PASS
			NV	40	-31000	-5.973025	20	PASS
			NV	50	-31000	-5.973025	20	PASS
		5230	NV	-30	-31000	-5.927342	20	PASS
			NV	-20	-31000	-5.927342	20	PASS
			NV	-10	-31000	-5.927342	20	PASS
			NV	0	-31000	-5.927342	20	PASS
			NV	10	-31000	-5.927342	20	PASS
			NV	20	-31000	-5.927342	20	PASS
			NV	30	-31000	-5.927342	20	PASS
			NV	40	-31000	-5.927342	20	PASS
			NV	50	-31000	-5.927342	20	PASS
11AC80S	Ant1	5210	NV	-30	-31000	-5.950096	20	PASS

ISO			NV	-20	-31000	-5.950096	20	PASS
			NV	-10	-31000	-5.950096	20	PASS
			NV	0	-31000	-5.950096	20	PASS
			NV	10	-31000	-5.950096	20	PASS
			NV	20	-31000	-5.950096	20	PASS
			NV	30	-31000	-5.950096	20	PASS
			NV	40	-31000	-5.950096	20	PASS
			NV	50	-31000	-5.950096	20	PASS

Test Result

Voltage								
TestMode	Antenna	Channel	Voltage [Vdc]	Temperature (°C)	Deviation (Hz)	Deviation (ppm)	Limit (ppm)	Verdict
11A	Ant2	5180	NV	NT	-14000	-6.177606	20	PASS
			LV	NT	-18000	-6.177606	20	PASS
			HV	NT	-20000	-6.177606	20	PASS
		5200	NV	NT	-27000	-6.153846	20	PASS
			LV	NT	-28000	-6.153846	20	PASS
			HV	NT	-28000	-6.153846	20	PASS
		5240	NV	NT	-30000	-6.10687	20	PASS
			LV	NT	-30000	-6.10687	20	PASS
			HV	NT	-30000	-6.10687	20	PASS
11N20SISO	Ant2	5180	NV	NT	-30000	-5.984556	20	PASS
			LV	NT	-30000	-5.984556	20	PASS
			HV	NT	-30000	-5.984556	20	PASS
		5200	NV	NT	-30000	-5.961538	20	PASS
			LV	NT	-31000	-5.961538	20	PASS
			HV	NT	-31000	-5.961538	20	PASS
		5240	NV	NT	-31000	-6.10687	20	PASS
			LV	NT	-31000	-6.10687	20	PASS
			HV	NT	-31000	-6.10687	20	PASS

11N40SISO	Ant2	5190	NV	NT	-31000	-5.973025	20	PASS
			LV	NT	-31000	-5.973025	20	PASS
			HV	NT	-31000	-5.973025	20	PASS
		5230	NV	NT	-31000	-5.927342	20	PASS
			LV	NT	-31000	-5.927342	20	PASS
			HV	NT	-31000	-5.927342	20	PASS
11AC20SISO	Ant2	5180	NV	NT	-31000	-3.667954	20	PASS
			LV	NT	-31000	-4.633205	20	PASS
			HV	NT	-31000	-4.826255	20	PASS
		5200	NV	NT	-30000	-5.961538	20	PASS
			LV	NT	-31000	-5.961538	20	PASS
			HV	NT	-31000	-6.153846	20	PASS
		5240	NV	NT	-31000	-6.29771	20	PASS
			LV	NT	-31000	-6.29771	20	PASS
			HV	NT	-31000	-6.29771	20	PASS
11AC40SISO	Ant2	5190	NV	NT	-31000	-6.358382	20	PASS
			LV	NT	-31000	-6.358382	20	PASS
			HV	NT	-31000	-6.358382	20	PASS
		5230	NV	NT	-31000	-6.309751	20	PASS
			LV	NT	-31000	-6.309751	20	PASS
			HV	NT	-31000	-6.309751	20	PASS
11AC80SISO	Ant2	5210	NV	NT	-31000	-6.333973	20	PASS
			LV	NT	-31000	-6.333973	20	PASS

			HV	NT	-31000	-6.33397 3	20	PASS
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Temperature								
TestMode	Antenna	Channel	Voltage [Vdc]	Temperature (°C)	Deviation (Hz)	Deviation (ppm)	Limit (ppm)	Verdict
11A	Ant2	5180	NV	-30	-21000	-6.17760 6	20	PASS
			NV	-20	-23000	-6.17760 6	20	PASS
			NV	-10	-23000	-6.17760 6	20	PASS
			NV	0	-24000	-5.98455 6	20	PASS
			NV	10	-25000	-5.98455 6	20	PASS
			NV	20	-25000	-5.98455 6	20	PASS
			NV	30	-25000	-5.98455 6	20	PASS
			NV	40	-26000	-5.98455 6	20	PASS
			NV	50	-26000	-5.98455 6	20	PASS
		5200	NV	-30	-28000	-6.15384 6	20	PASS
			NV	-20	-29000	-6.15384 6	20	PASS
			NV	-10	-29000	-6.15384 6	20	PASS
			NV	0	-29000	-6.15384 6	20	PASS
			NV	10	-29000	-6.15384 6	20	PASS
			NV	20	-29000	-6.15384 6	20	PASS
			NV	30	-29000	-6.15384 6	20	PASS
			NV	40	-29000	-6.15384 6	20	PASS
			NV	50	-30000	-6.15384 6	20	PASS
		5240	NV	-30	-30000	-6.10687	20	PASS

			NV	-20	-30000	-6.10687	20	PASS
			NV	-10	-31000	-6.10687	20	PASS
			NV	0	-30000	-6.10687	20	PASS
			NV	10	-31000	-6.10687	20	PASS
			NV	20	-31000	-6.10687	20	PASS
			NV	30	-31000	-6.10687	20	PASS
			NV	40	-31000	-6.10687	20	PASS
			NV	50	-31000	-6.10687	20	PASS
11N20SISO	Ant2	5180	NV	-30	-30000	-6.17760 6	20	PASS
			NV	-20	-31000	-5.98455 6	20	PASS
			NV	-10	-30000	-6.17760 6	20	PASS
			NV	0	-30000	-6.17760 6	20	PASS
			NV	10	-30000	-5.98455 6	20	PASS
			NV	20	-31000	-5.98455 6	20	PASS
			NV	30	-30000	-5.98455 6	20	PASS
			NV	40	-30000	-5.98455 6	20	PASS
			NV	50	-30000	-5.98455 6	20	PASS
		5200	NV	-30	-31000	-5.96153 8	20	PASS
			NV	-20	-31000	-5.96153 8	20	PASS
			NV	-10	-31000	-5.96153 8	20	PASS
			NV	0	-31000	-5.96153 8	20	PASS
			NV	10	-31000	-5.96153 8	20	PASS
			NV	20	-31000	-5.96153 8	20	PASS
			NV	30	-500000	-5.96153 8	20	FAIL
			NV	40	-31000	-5.96153 8	20	PASS
			NV	50	-31000	-5.96153	20	PASS

						8		
		5240	NV	-30	-31000	-6.10687	20	PASS
			NV	-20	-31000	-6.10687	20	PASS
			NV	-10	-31000	-6.10687	20	PASS
			NV	0	-31000	-6.10687	20	PASS
			NV	10	-31000	-6.10687	20	PASS
			NV	20	-31000	-6.10687	20	PASS
			NV	30	-31000	-6.10687	20	PASS
			NV	40	-31000	-6.10687	20	PASS
			NV	50	-31000	-6.10687	20	PASS
11N40SISO	Ant2	5190	NV	-30	-31000	-5.97302 5	20	PASS
			NV	-20	-31000	-5.97302 5	20	PASS
			NV	-10	-31000	-5.97302 5	20	PASS
			NV	0	-31000	-5.97302 5	20	PASS
			NV	10	-31000	-5.97302 5	20	PASS
			NV	20	-31000	-5.97302 5	20	PASS
			NV	30	-31000	-5.97302 5	20	PASS
			NV	40	-31000	-5.97302 5	20	PASS
			NV	50	-31000	-5.97302 5	20	PASS
		5230	NV	-30	-31000	-5.92734 2	20	PASS
			NV	-20	-31000	-6.118547	20	PASS
			NV	-10	-31000	-6.118547	20	PASS
			NV	0	-31000	-6.118547	20	PASS
			NV	10	-31000	-6.118547	20	PASS
			NV	20	-31000	-6.118547	20	PASS
			NV	30	-31000	-6.118547	20	PASS
			NV	40	-31000	-6.118547	20	PASS
			NV	50	-31000	-6.118547	20	PASS
11AC20SISO	Ant2	5180	NV	-30	-31000	-5.21235 5	20	PASS
			NV	-20	-30000	-5.21235 5	20	PASS
			NV	-10	-31000	-5.40540	20	PASS

						5		
			NV	0	-31000	-5.59845 6	20	PASS
			NV	10	-31000	-5.59845 6	20	PASS
			NV	20	-31000	-5.59845 6	20	PASS
			NV	30	-31000	-5.79150 6	20	PASS
			NV	40	-31000	-5.79150 6	20	PASS
			NV	50	-31000	-5.79150 6	20	PASS
		5200	NV	-30	-31000	-6.15384 6	20	PASS
			NV	-20	-31000	-6.15384 6	20	PASS
			NV	-10	-31000	-6.15384 6	20	PASS
			NV	0	-31000	-6.15384 6	20	PASS
			NV	10	-31000	-6.15384 6	20	PASS
			NV	20	-31000	-6.15384 6	20	PASS
			NV	30	-31000	-6.15384 6	20	PASS
			NV	40	-31000	-6.15384 6	20	PASS
			NV	50	-31000	-6.34615 4	20	PASS
		5240	NV	-30	-31000	-6.29771	20	PASS
			NV	-20	-31000	-6.29771	20	PASS
			NV	-10	-31000	-6.29771	20	PASS
			NV	0	-31000	-6.29771	20	PASS
			NV	10	-31000	-6.29771	20	PASS
			NV	20	-31000	-6.29771	20	PASS
			NV	30	-31000	-6.29771	20	PASS
			NV	40	-31000	-6.29771	20	PASS
			NV	50	-31000	-6.48855	20	PASS
11AC40SIS O	Ant2	5190	NV	-30	-31000	-6.35838 2	20	PASS
			NV	-20	-31000	-6.35838	20	PASS

						2		
			NV	-10	-31000	-6.35838 2	20	PASS
			NV	0	-31000	-6.35838 2	20	PASS
			NV	10	-31000	-6.35838 2	20	PASS
			NV	20	-31000	-6.35838 2	20	PASS
			NV	30	-31000	-6.35838 2	20	PASS
			NV	40	-31000	-6.35838 2	20	PASS
			NV	50	-31000	-6.35838 2	20	PASS
		5230	NV	-30	-31000	-6.30975 1	20	PASS
			NV	-20	-31000	-6.30975 1	20	PASS
			NV	-10	-31000	-6.30975 1	20	PASS
			NV	0	-31000	-6.30975 1	20	PASS
			NV	10	-31000	-6.30975 1	20	PASS
			NV	20	-31000	-6.30975 1	20	PASS
			NV	30	-31000	-6.30975 1	20	PASS
			NV	40	-31000	-6.30975 1	20	PASS
			NV	50	-31000	-6.30975 1	20	PASS
11AC80SIS O	Ant2	5210	NV	-30	-31000	-6.33397 3	20	PASS
			NV	-20	-31000	-6.33397 3	20	PASS
			NV	-10	-31000	-6.33397 3	20	PASS
			NV	0	-31000	-6.33397 3	20	PASS
			NV	10	-31000	-6.33397 3	20	PASS

			NV	20	-31000	-6.33397 3	20	PASS
			NV	30	-31000	-6.33397 3	20	PASS
			NV	40	-31000	-6.33397 3	20	PASS
			NV	50	-31000	-6.33397 3	20	PASS