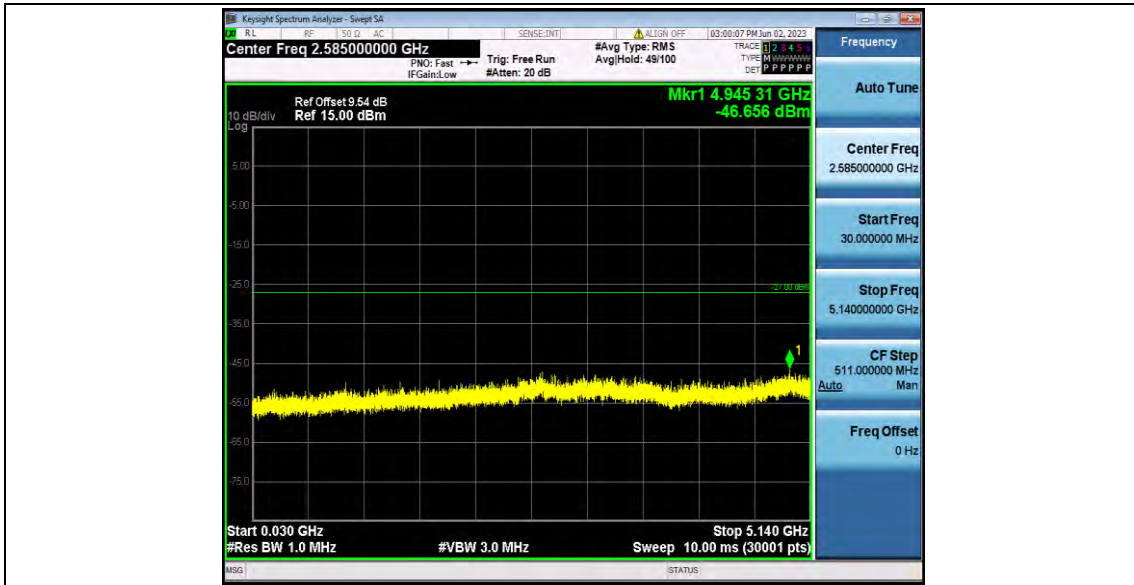


Appendix E.7: Conducted Spurious Emission

Test Result

Test Mode	Antenna	Frequency[MHz]	FreqRange [MHz]	Max. Fre [MHz]	Max. Level [dBm]	Limit [dBm]	Verdict
11A	Ant1	5260	30~5140	4945.31	-46.66	≤-27	PASS
			5360~40000	24862.69	-38.12	≤-27	PASS
		5280	30~5140	4802.91	-47.31	≤-27	PASS
			5360~40000	26903.34	-37.41	≤-27	PASS
		5320	30~5140	2655.52	-47.06	≤-27	PASS
			5360~40000	26528.25	-37.91	≤-27	PASS
11N20SISO	Ant1	5260	30~5140	3311.13	-47.09	≤-27	PASS
			5360~40000	26082.46	-37.45	≤-27	PASS
		5280	30~5140	2639.51	-46.93	≤-27	PASS
			5360~40000	25627.3	-37.62	≤-27	PASS
		5320	30~5140	4851.97	-47.13	≤-27	PASS
			5360~40000	24943.48	-38.09	≤-27	PASS
11N40SISO	Ant1	5270	30~5140	4848.9	-47.17	≤-27	PASS
			5360~40000	26056.5	-38.02	≤-27	PASS
		5310	30~5140	4961.15	-47.54	≤-27	PASS
			5360~40000	26748.25	-37.79	≤-27	PASS
11AC20SISO	Ant1	5260	30~5140	4893.19	-47.18	≤-27	PASS
			5360~40000	25224.8	-37.13	≤-27	PASS
		5280	30~5140	4982.61	-47.04	≤-27	PASS
			5360~40000	26673.96	-37.62	≤-27	PASS
		5320	30~5140	5060.11	-47.6	≤-27	PASS
			5360~40000	26689.11	-37.98	≤-27	PASS
11AC40SISO	Ant1	5270	30~5140	4936.96	-46.96	≤-27	PASS
			5360~40000	24147.13	-37.64	≤-27	PASS
		5310	30~5140	4897.45	-47.36	≤-27	PASS
			5360~40000	23488.55	-38.02	≤-27	PASS
11AC80SISO	Ant1	5290	30~5140	4983.46	-47.42	≤-27	PASS
			5360~40000	5365.05	-27.77	≤-27	PASS

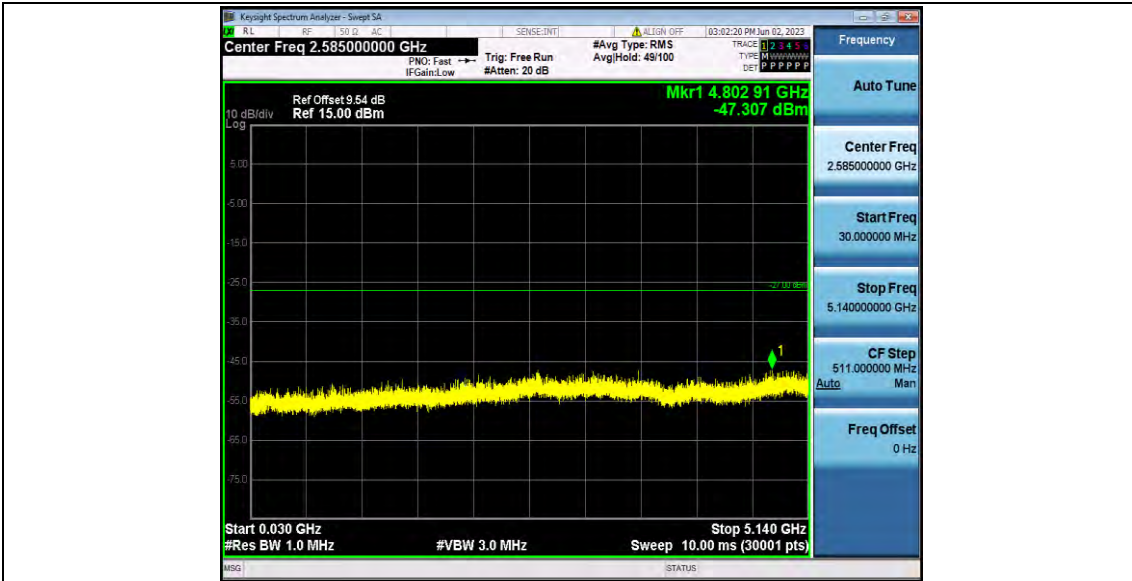
Test Graphs



11A_Ant1_5260_30~5140



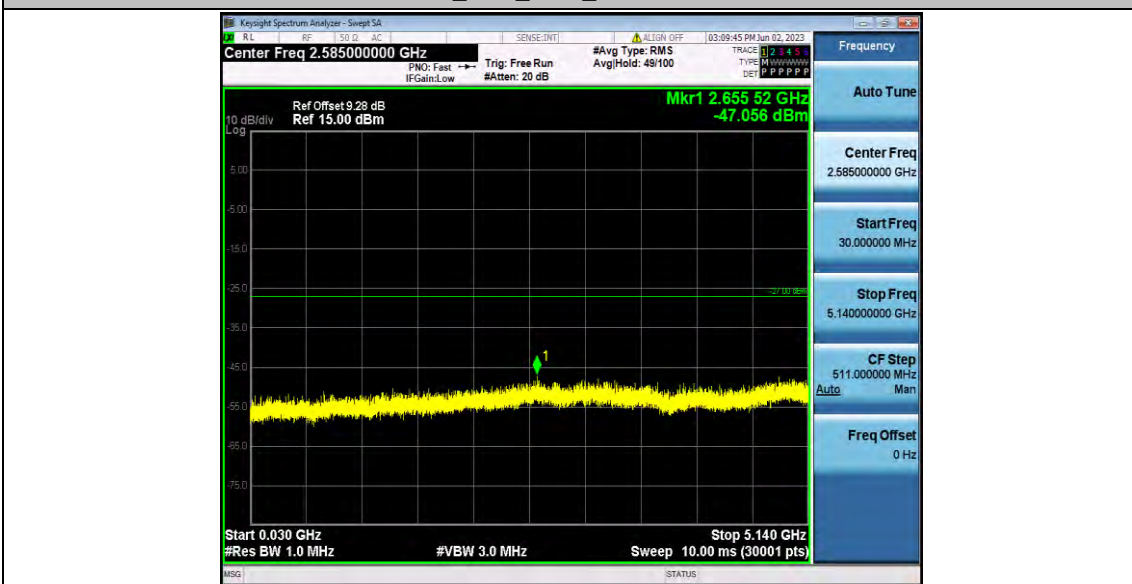
11A_Ant1_5260_5360~40000



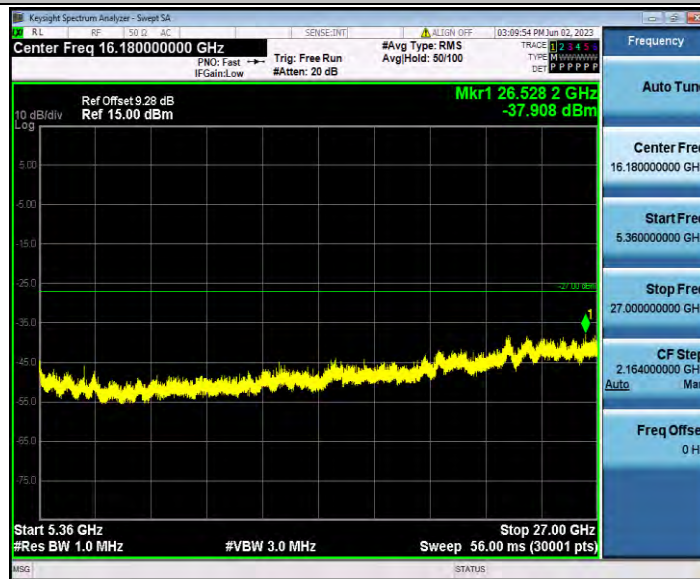
11A_Ant1_5280_30~5140



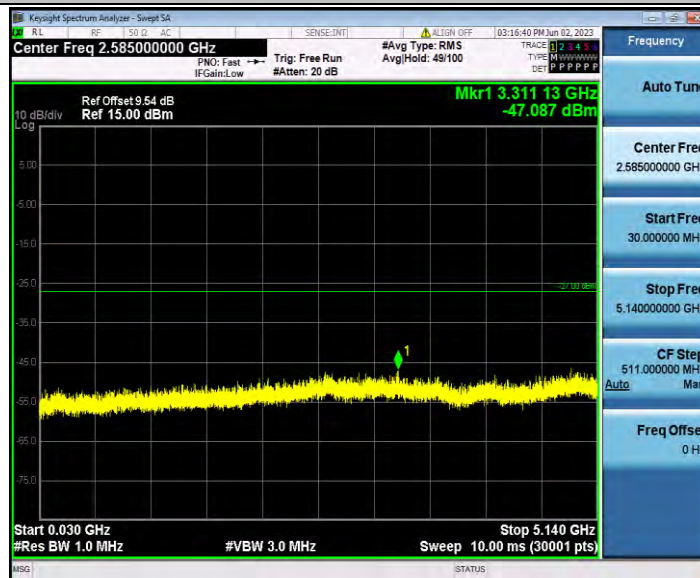
11A_Ant1_5280_5360~40000



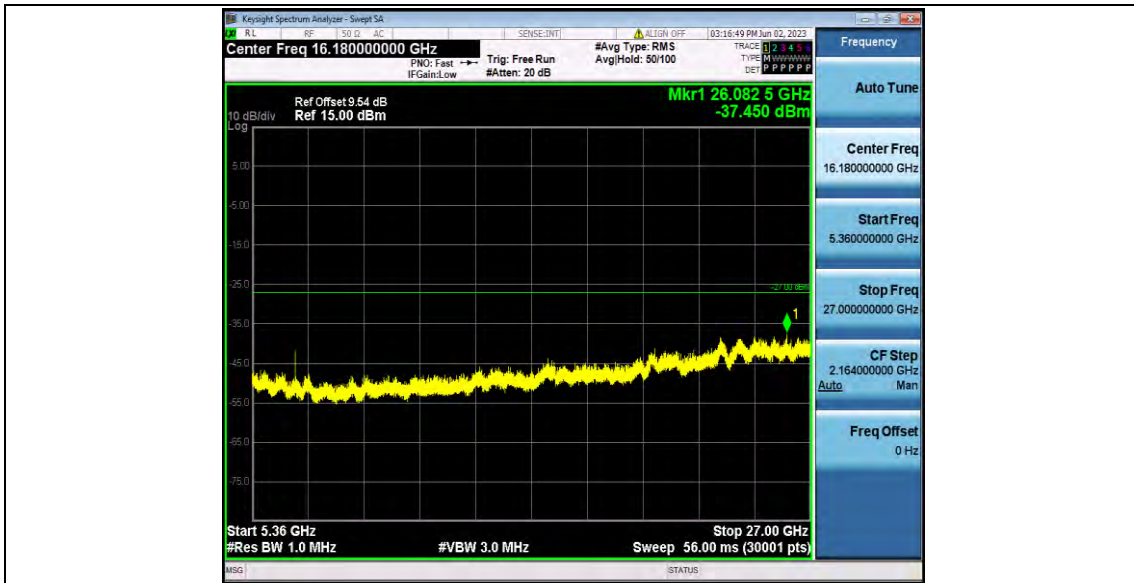
11A_Ant1_5320_30~5140



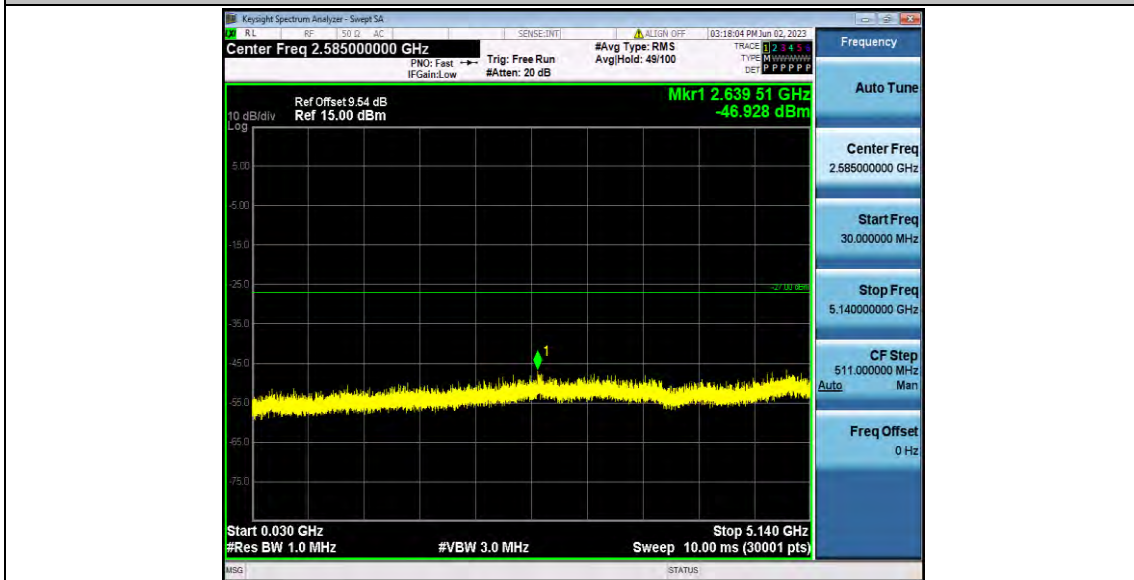
11A_Ant1_5320_5360~40000



11N20SISO_Ant1_5260_30~5140



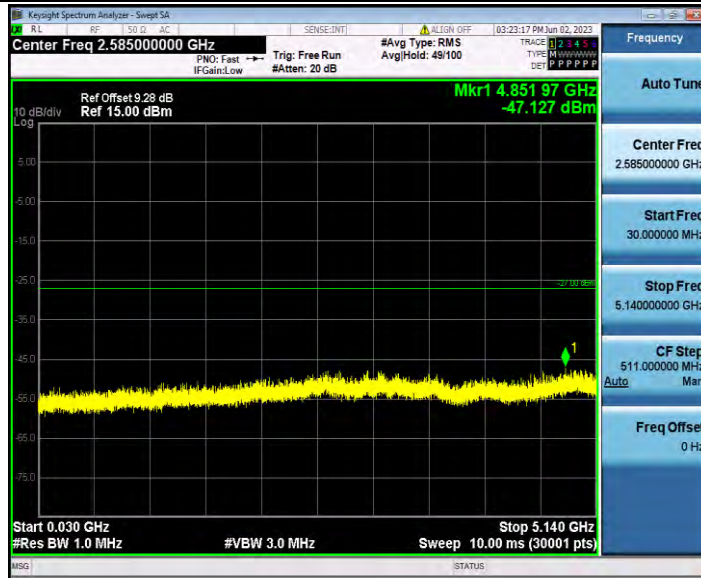
11N20SISO_Ant1_5260_5360~40000



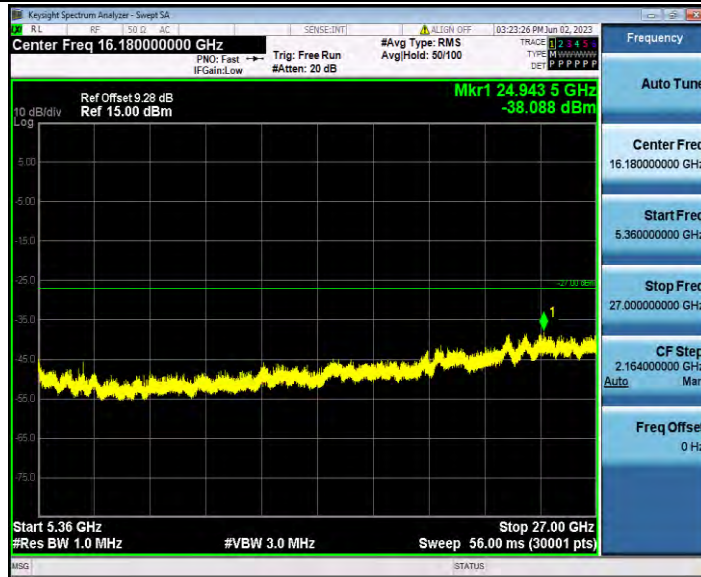
11N20SISO_Ant1_5280_30~5140



11N20SISO_Ant1_5280_5360~40000



11N20SISO_Ant1_5320_30~5140



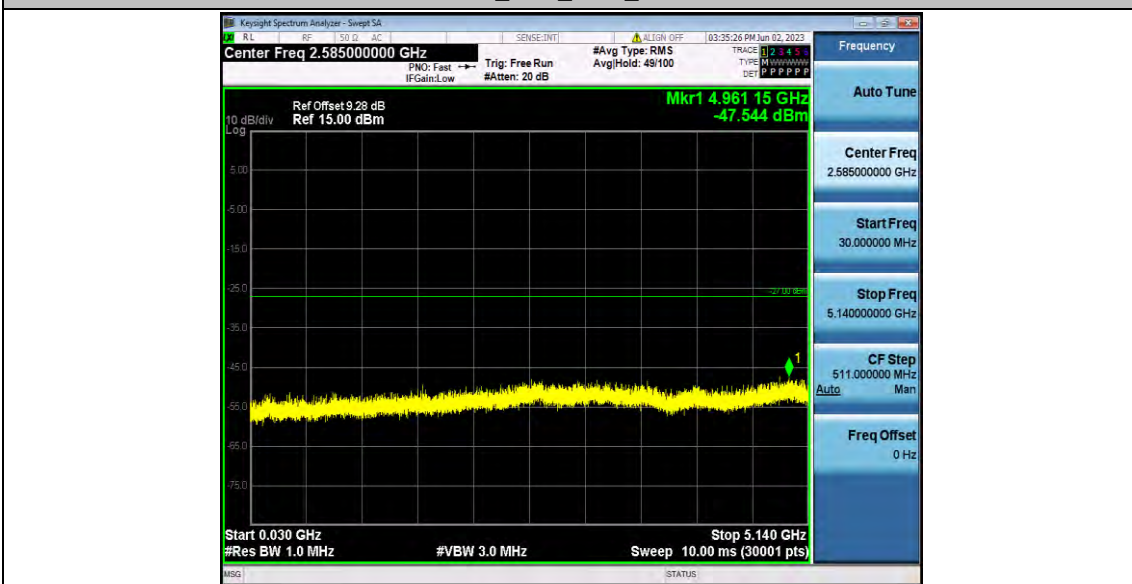
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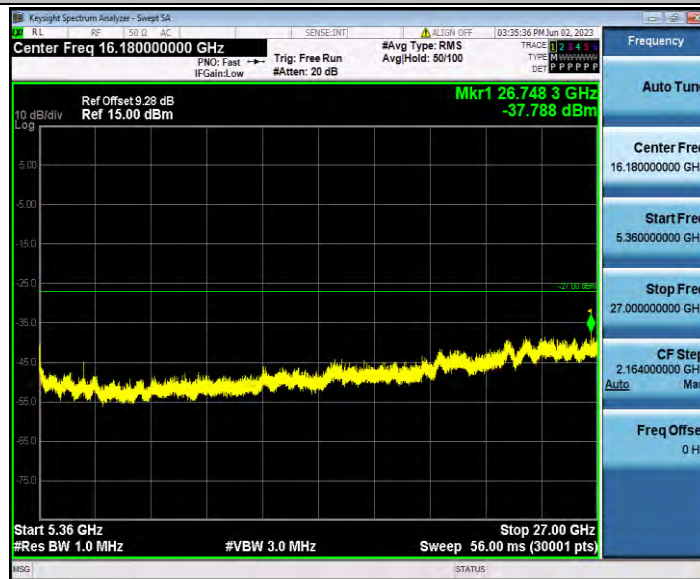
11N40SISO_Ant1_5270_30~5140



11N40SISO_Ant1_5270_5360~40000



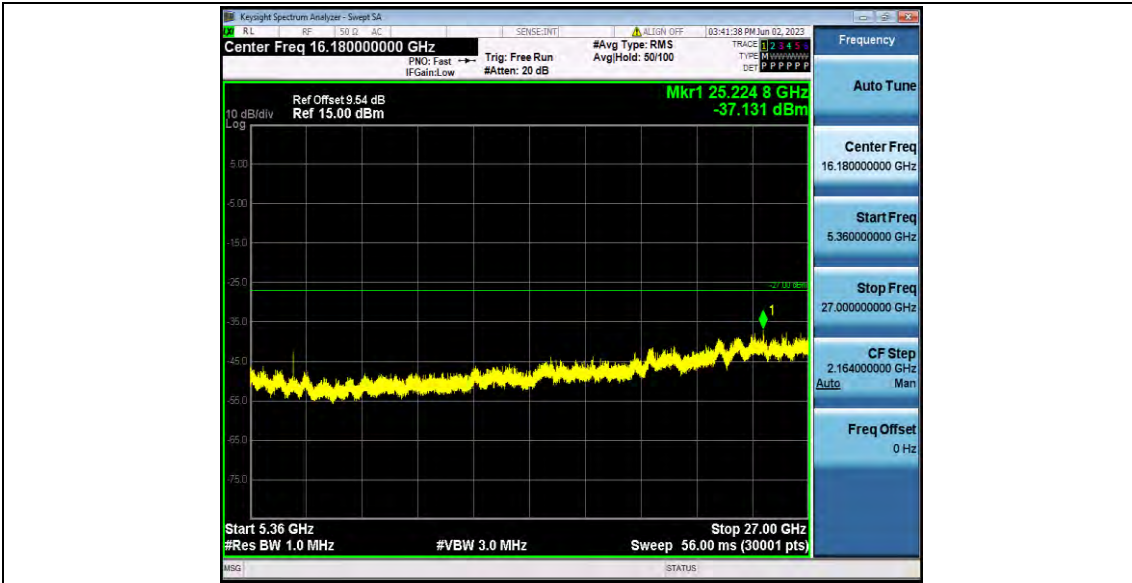
11N40SISO_Ant1_5310_30~5140



11N40SISO_Ant1_5310_5360~40000



11AC20SISO_Ant1_5260_30~5140



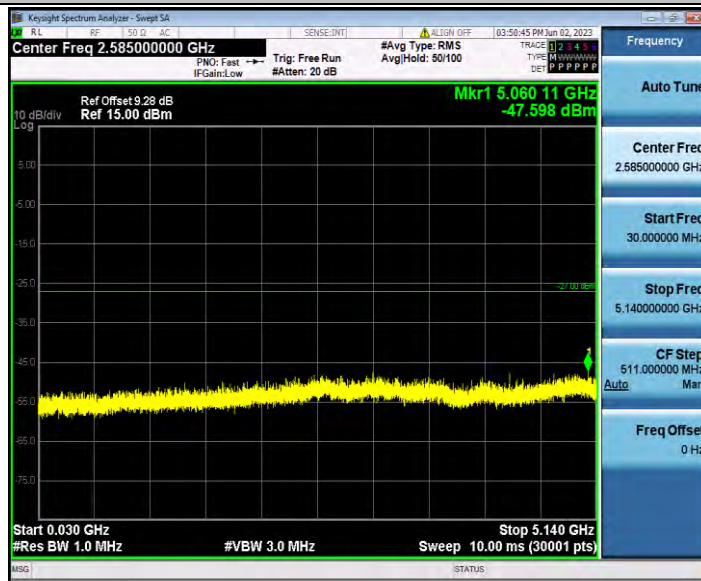
11AC20SISO_Ant1_5260_5360~4000



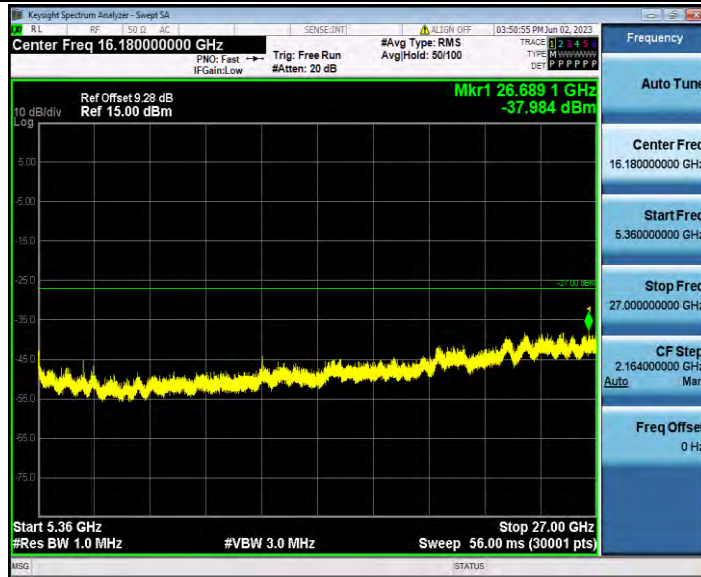
11AC20SISO_Ant1_5280_30~5140



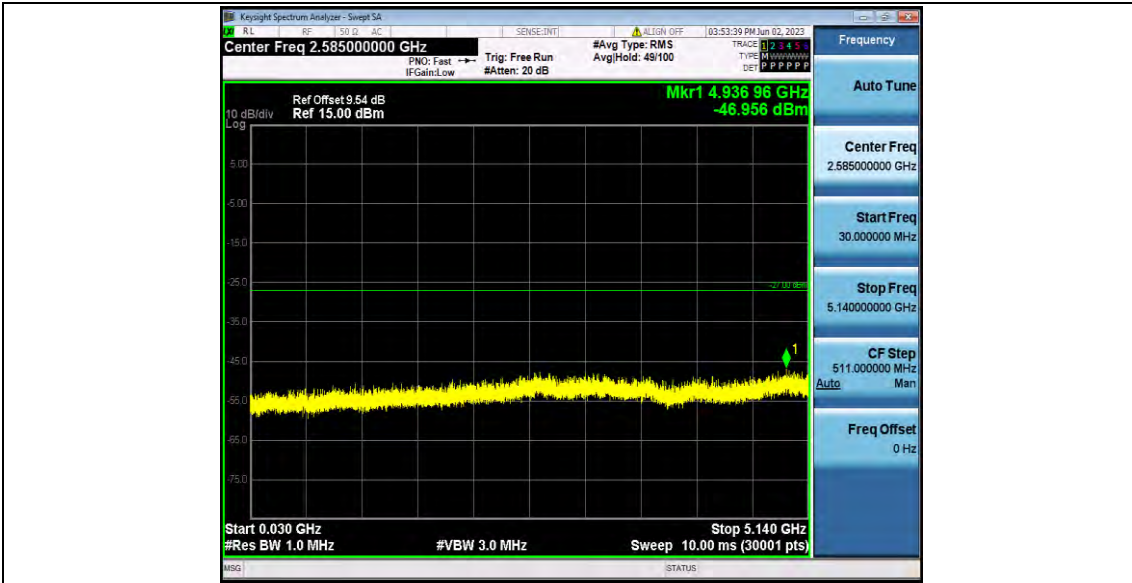
11AC20SISO_Ant1_5280_5360~40000



11AC20SISO_Ant1_5320_30~5140



11AC20SISO_Ant1_5320_5360~40000



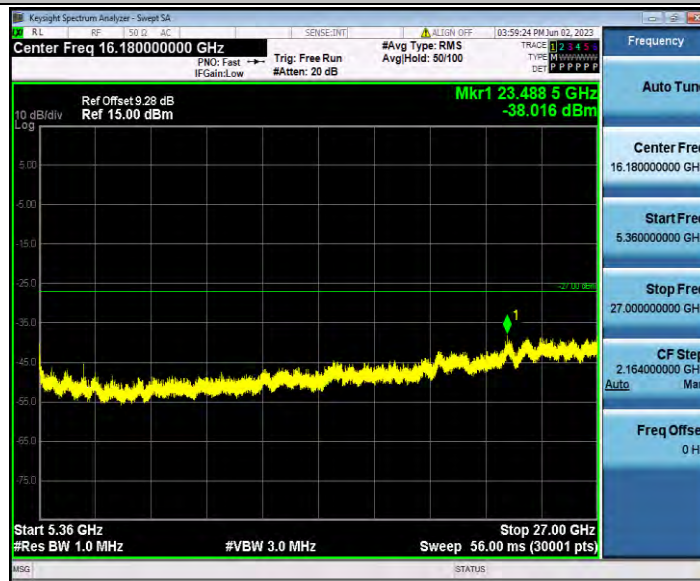
11AC40SISO_Ant1_5270_30~5140



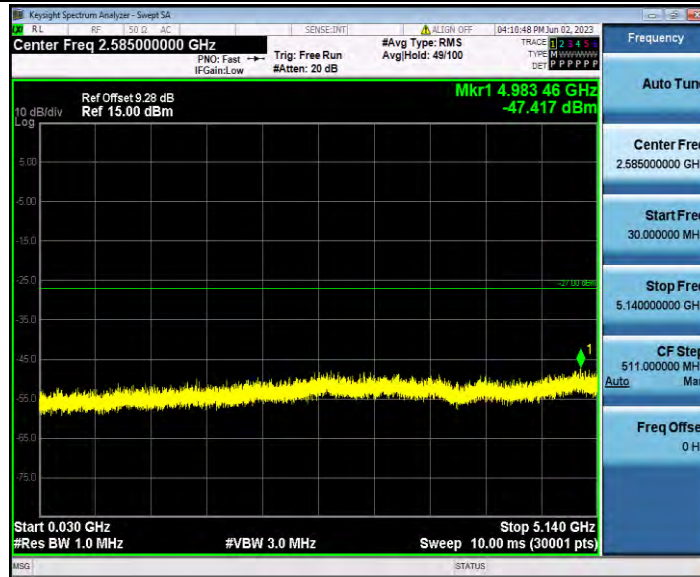
11AC40SISO_Ant1_5270_5360~40000



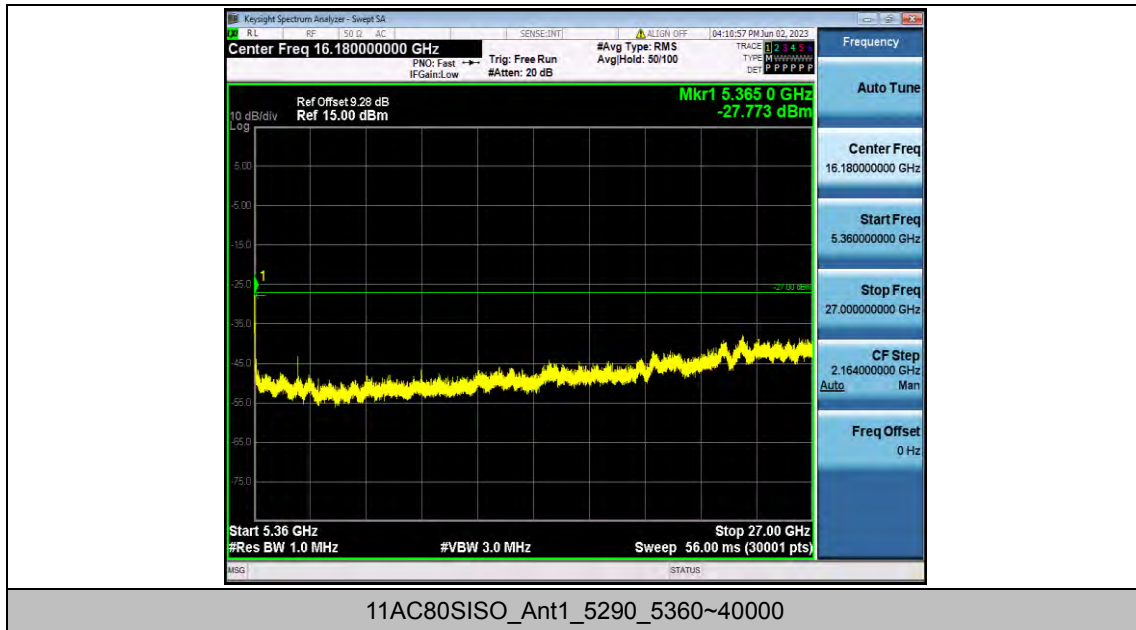
11AC40SISO_Ant1_5310_30~5140



11AC40SISO_Ant1_5310_5360~40000



11AC80SISO_Ant1_5290_30~5140



Appendix E.8: Emissions in Restricted Bands

Test Result

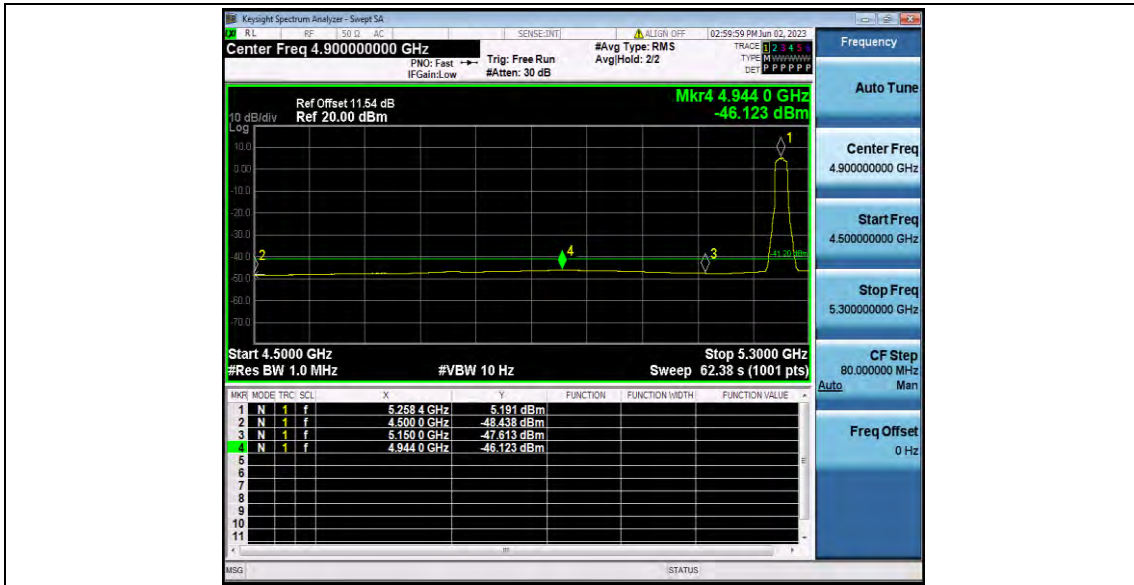
Test Mode	Antenna	ChName	Frequency [MHz]	Detector	Freq [MHz]	Result [dBm]	Limit [dBm]	Result [dBUV/m]	Limit [dBUV/m]	Verdict
11A	Ant1	Low	5260	AV	4500.000	-48.44	≤-41.20	46.76	≤54	PASS
				AV	4944.000	-46.12	≤-41.20	49.08	≤54	PASS
				AV	5150.000	-47.61	≤-41.20	47.59	≤54	PASS
				Peak	4500.000	-47.08	≤-21.20	48.12	≤74	PASS
				Peak	4840.800	-38.14	≤-21.20	57.06	≤74	PASS
				Peak	5150.000	-46.58	≤-21.20	48.62	≤74	PASS
		High	5320	AV	5350.000	-46.81	≤-41.20	48.39	≤54	PASS
				AV	5358.400	-46.7	≤-41.20	48.50	≤54	PASS
				AV	5460.000	-46.88	≤-41.20	48.32	≤54	PASS
				Peak	5350.000	-44.88	≤-21.20	50.32	≤74	PASS
				Peak	5417.600	-38.25	≤-21.20	56.95	≤74	PASS
				Peak	5460.000	-43.34	≤-21.20	51.86	≤74	PASS
11N20SIS O	Ant1	Low	5260	AV	4500.000	-48.4	≤-41.20	46.80	≤54	PASS
				AV	4944.800	-46.11	≤-41.20	49.09	≤54	PASS
				AV	5150.000	-47.6	≤-41.20	47.60	≤54	PASS
				Peak	4500.000	-49.54	≤-21.20	45.66	≤74	PASS
				Peak	4837.600	-37.78	≤-21.20	57.42	≤74	PASS
				Peak	5150.000	-46.18	≤-21.20	49.02	≤74	PASS
		High	5320	AV	5350.000	-46.77	≤-41.20	48.43	≤54	PASS
				AV	5358.400	-46.69	≤-41.20	48.51	≤54	PASS
				AV	5460.000	-46.86	≤-41.20	48.34	≤54	PASS
				Peak	5350.000	-44.47	≤-21.20	50.73	≤74	PASS
				Peak	5352.800	-37.97	≤-21.20	57.23	≤74	PASS
				Peak	5460.000	-42.3	≤-21.20	52.90	≤74	PASS
11N40SIS O	Ant1	Low	5270	AV	4500.000	-48.41	≤-41.20	46.79	≤54	PASS
				AV	4942.400	-46.1	≤-41.20	49.10	≤54	PASS
				AV	5150.000	-47.58	≤-41.20	47.62	≤54	PASS
				Peak	4500.000	-44.48	≤-21.20	50.72	≤74	PASS
				Peak	4977.950	-37.67	≤-21.20	57.53	≤74	PASS
				Peak	5150.000	-44.71	≤-21.20	50.49	≤74	PASS
		High	5310	AV	5350.000	-44.77	≤-41.20	50.43	≤54	PASS
				AV	5460.000	-46.87	≤-41.20	48.33	≤54	PASS
				Peak	5350.000	-42.46	≤-21.20	52.74	≤74	PASS
				Peak	5405.200	-38.7	≤-21.20	56.50	≤74	PASS
Peak	5460.000	-41.05	≤-21.20	54.15	≤74	PASS				
11AC20SI	Ant1	Low	5260	AV	4500.000	-48.38	≤-41.20	46.82	≤54	PASS

SO				AV	4942.400	-46.1	≤ -41.20	49.10	≤ 54	PASS
				AV	5150.000	-47.62	≤ -41.20	47.58	≤ 54	PASS
				Peak	4500.000	-44.95	≤ -21.20	50.25	≤ 74	PASS
				Peak	4981.600	-37.39	≤ -21.20	57.81	≤ 74	PASS
				Peak	5150.000	-42.87	≤ -21.20	52.33	≤ 74	PASS
				Peak	5150.000	-42.87	≤ -21.20	52.33	≤ 74	PASS
	High	5320	AV	5350.000	-46.78	≤ -41.20	48.42	≤ 54	PASS	
			AV	5358.400	-46.69	≤ -41.20	48.51	≤ 54	PASS	
			AV	5460.000	-46.86	≤ -41.20	48.34	≤ 54	PASS	
			Peak	5350.000	-43.9	≤ -21.20	51.30	≤ 74	PASS	
			Peak	5420.800	-39.25	≤ -21.20	55.95	≤ 74	PASS	
			Peak	5460.000	-43.37	≤ -21.20	51.83	≤ 74	PASS	
11AC40SI SO	Ant1	Low	5270	AV	4500.000	-48.4	≤ -41.20	46.80	≤ 54	PASS
				AV	4943.190	-46.08	≤ -41.20	49.12	≤ 54	PASS
				AV	5150.000	-47.56	≤ -41.20	47.64	≤ 54	PASS
				Peak	4500.000	-46.08	≤ -21.20	49.12	≤ 74	PASS
				Peak	4990.590	-36.45	≤ -21.20	58.75	≤ 74	PASS
				Peak	5150.000	-48.25	≤ -21.20	46.95	≤ 74	PASS
	High	5310	AV	5350.000	-45.05	≤ -41.20	50.15	≤ 54	PASS	
			AV	5460.000	-46.84	≤ -41.20	48.36	≤ 54	PASS	
			Peak	5350.000	-42.92	≤ -21.20	52.28	≤ 74	PASS	
			Peak	5422.800	-39.25	≤ -21.20	55.95	≤ 74	PASS	
			Peak	5460.000	-45.62	≤ -21.20	49.58	≤ 74	PASS	
			Peak	5460.000	-45.62	≤ -21.20	49.58	≤ 74	PASS	
11AC80SI SO	Ant1	Low	5290	AV	4500.000	-48.64	≤ -41.20	46.56	≤ 54	PASS
				AV	4945.995	-46.35	≤ -41.20	48.85	≤ 54	PASS
				AV	5150.000	-47.72	≤ -41.20	47.48	≤ 54	PASS
				Peak	4500.000	-42.69	≤ -21.20	52.51	≤ 74	PASS
				Peak	4911.015	-38.3	≤ -21.20	56.90	≤ 74	PASS
				Peak	5150.000	-43.91	≤ -21.20	51.29	≤ 74	PASS
	High	5290	AV	5350.000	-43.61	≤ -41.20	51.59	≤ 54	PASS	
			AV	5350.200	-43.6	≤ -41.20	51.60	≤ 54	PASS	
			AV	5460.000	-46.9	≤ -41.20	48.30	≤ 54	PASS	
			Peak	5350.000	-44.58	≤ -21.20	50.62	≤ 74	PASS	
			Peak	5355.600	-26.71	≤ -21.20	68.49	≤ 74	PASS	
			Peak	5460.000	-42.72	≤ -21.20	52.48	≤ 74	PASS	

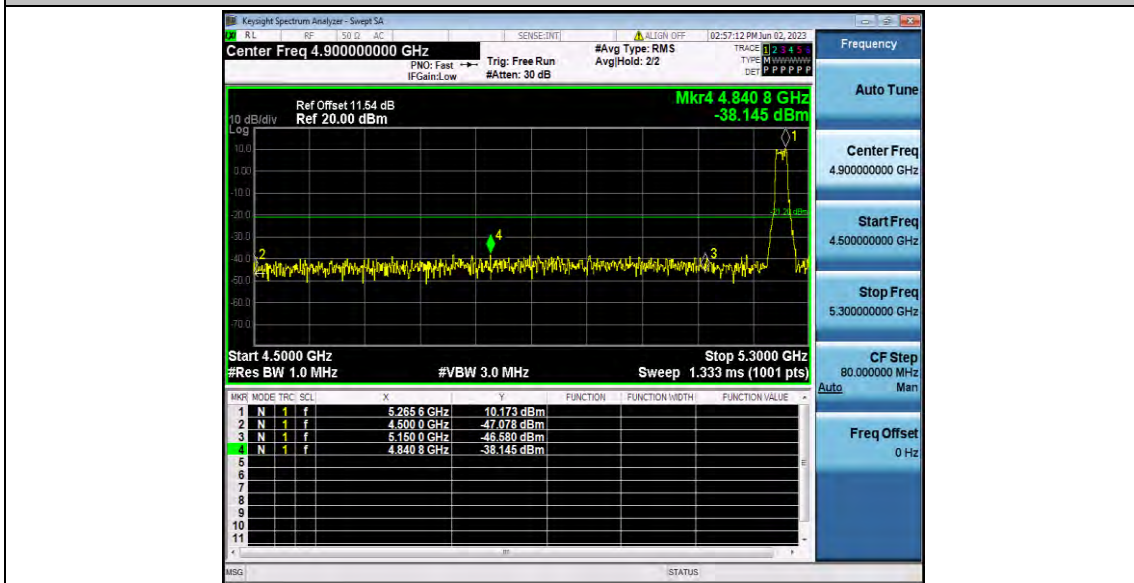
Note:

1. The Antenna Gain is compensated in the graph.
2. The Duty Cycle Factor and RBW Factor is compensated in the graph.
3. For transmitters operating in 5150-5350 GHz band and 5470-5725 GHz band: The limit in dBm for average detector is conversion from 54dBuV/m, according to 15.209(a). The limit in dBm for peak detector is 20dB above the limit of average detector in dBm.

Test Graphs



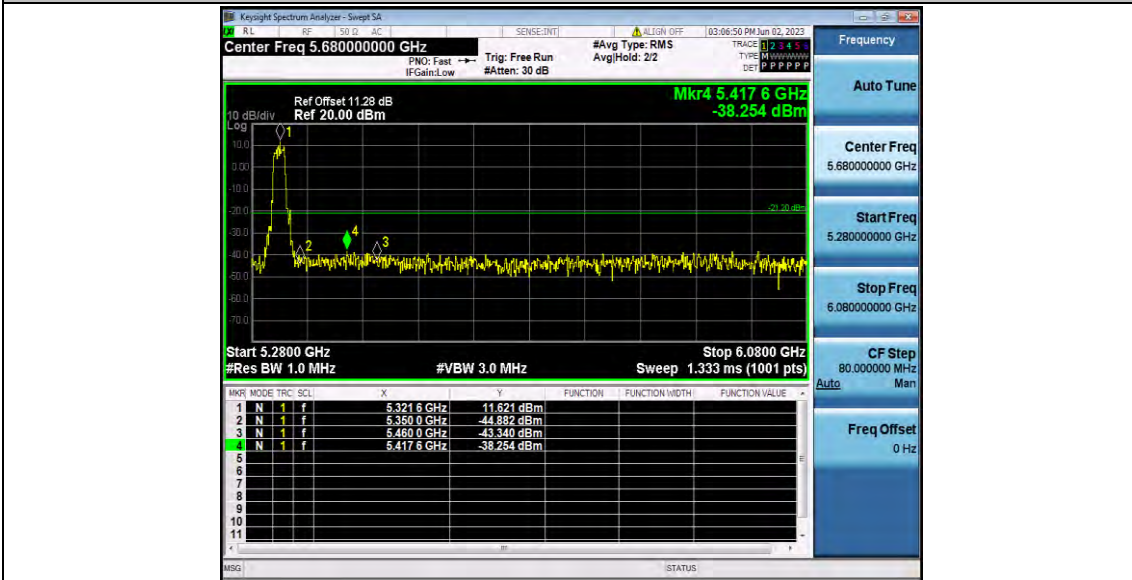
11A_Ant1_Low_5260_AV



11A_Ant1_Low_5260_Peak



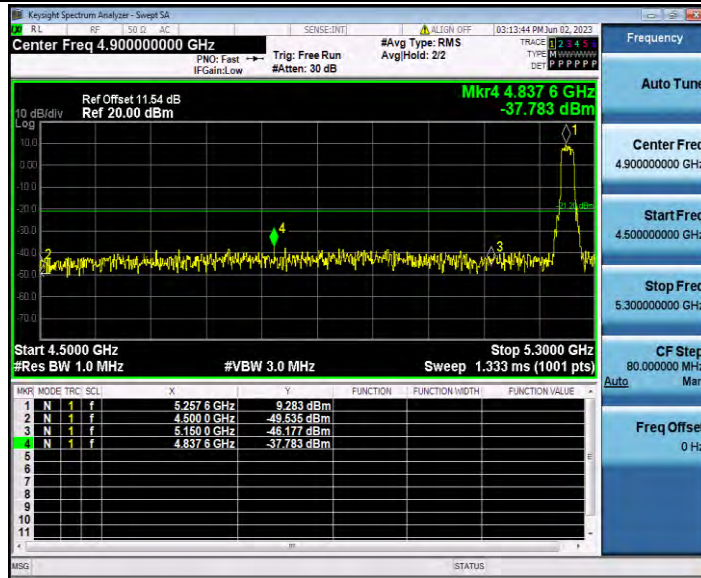
11A_Ant1_High_5320_AV



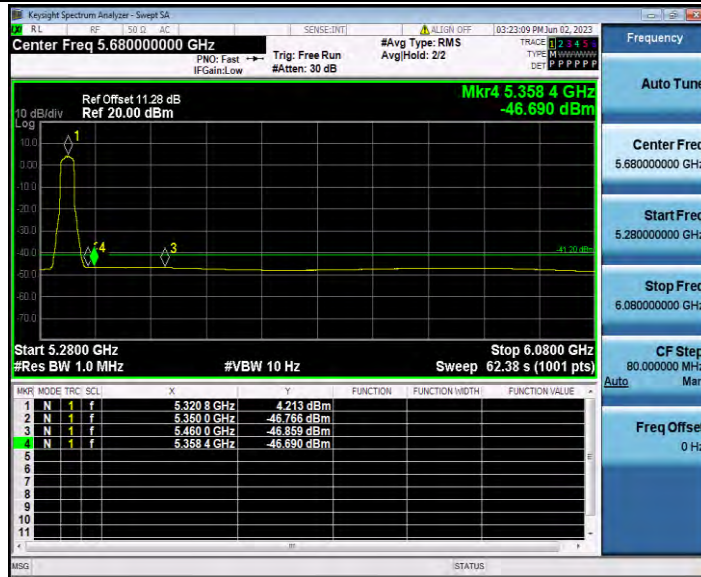
11A_Ant1_High_5320_Peak



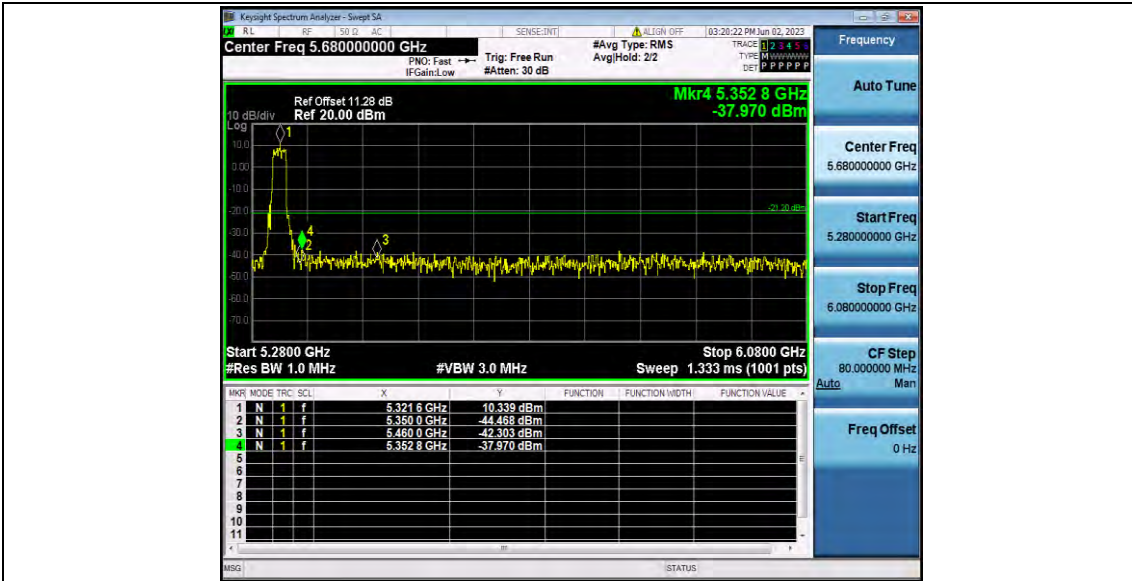
11N20SISO_Ant1_Low_5260_AV



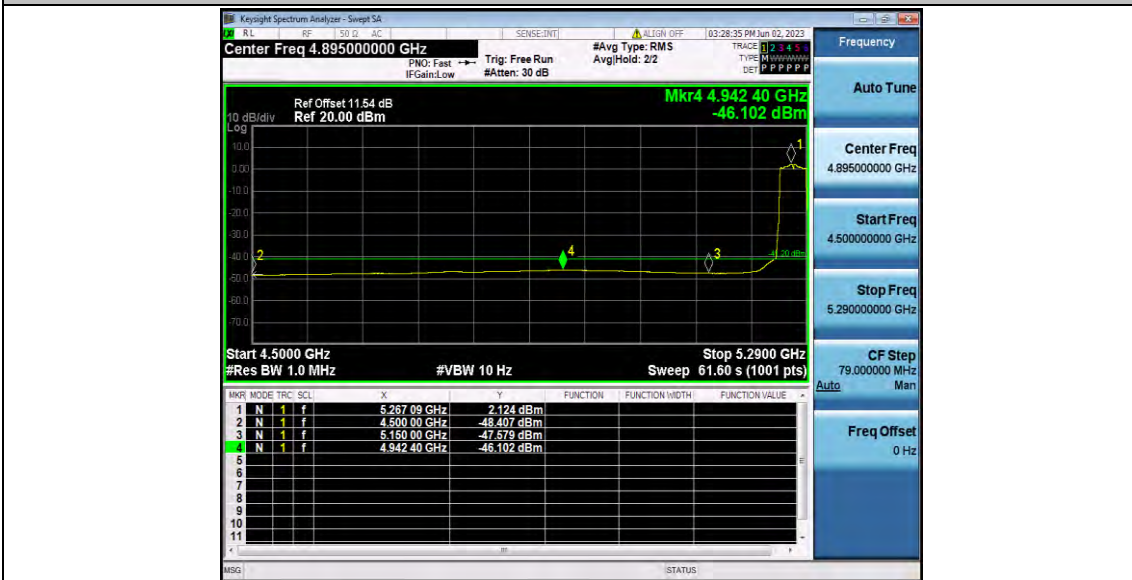
11N20SISO_Ant1_Low_5260_Peak



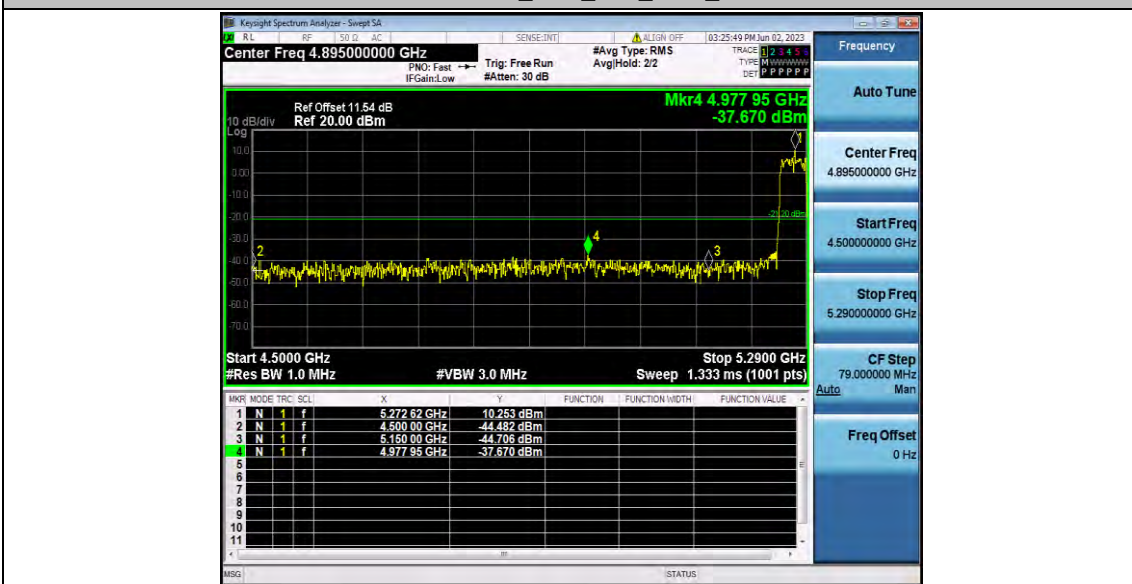
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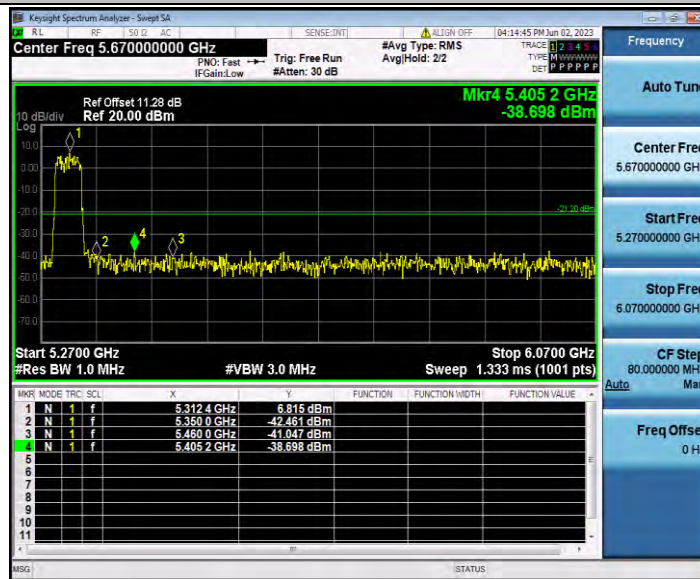
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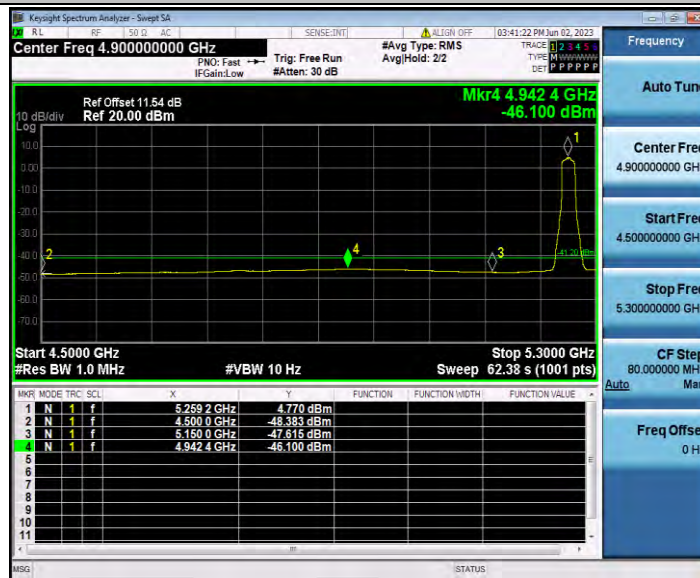
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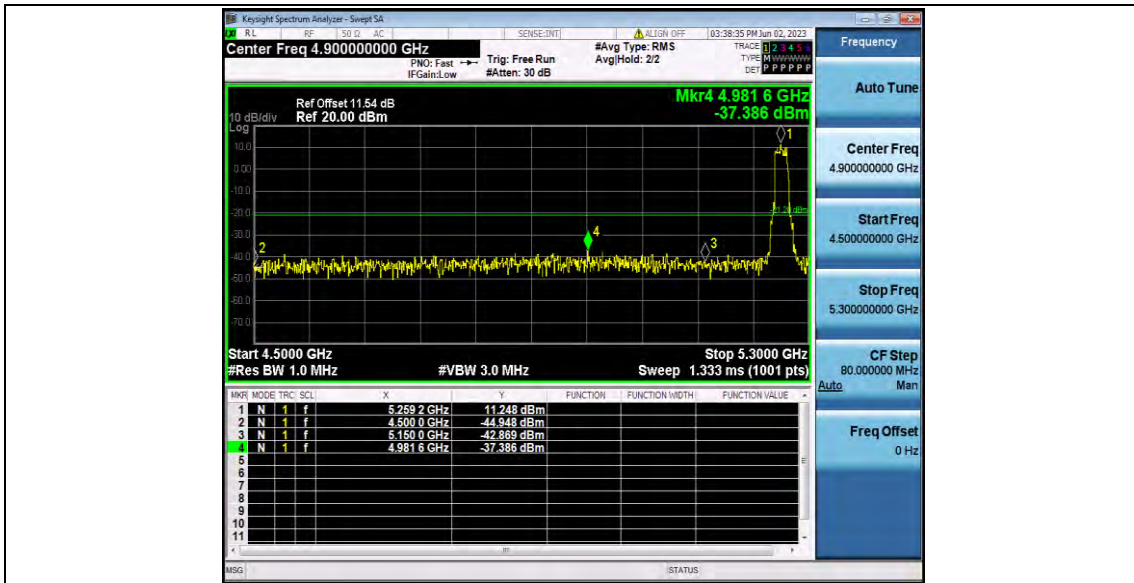
11N40SISO_Ant1_Low_5270_Peak



11N40SISO_Ant1_High_5310_Peak



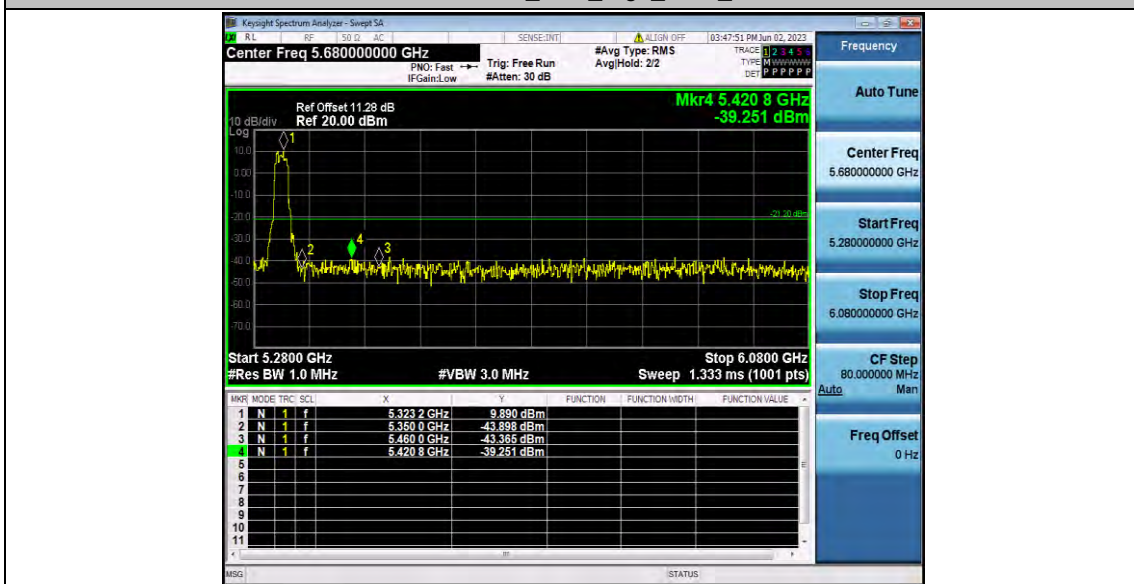
11AC20SISO_Ant1_Low_5260_AV



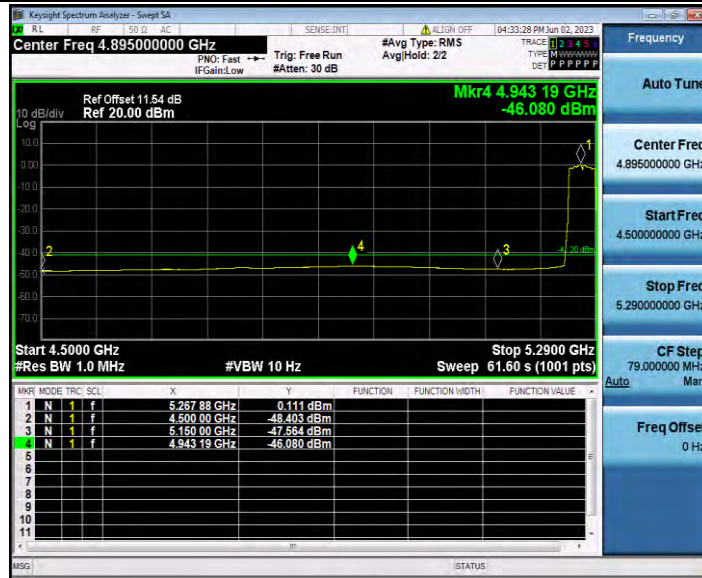
11AC20SISO_Ant1_Low_5260_Peak



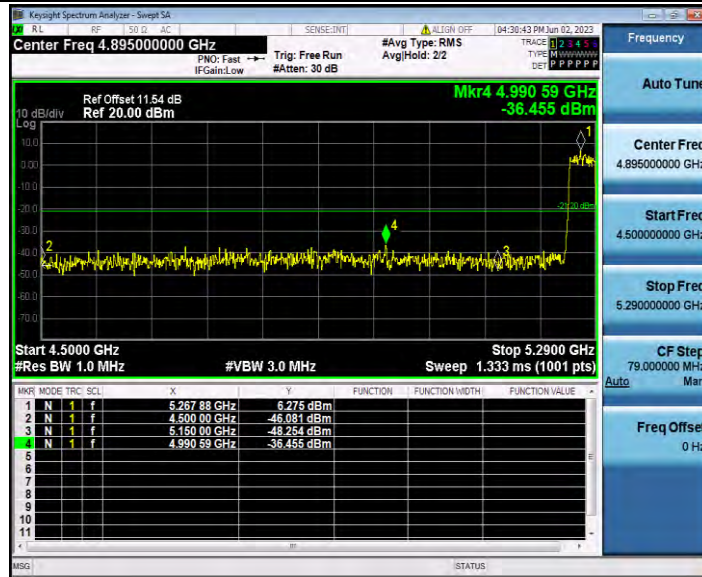
11AC20SISO_Ant1_High_5320_AV



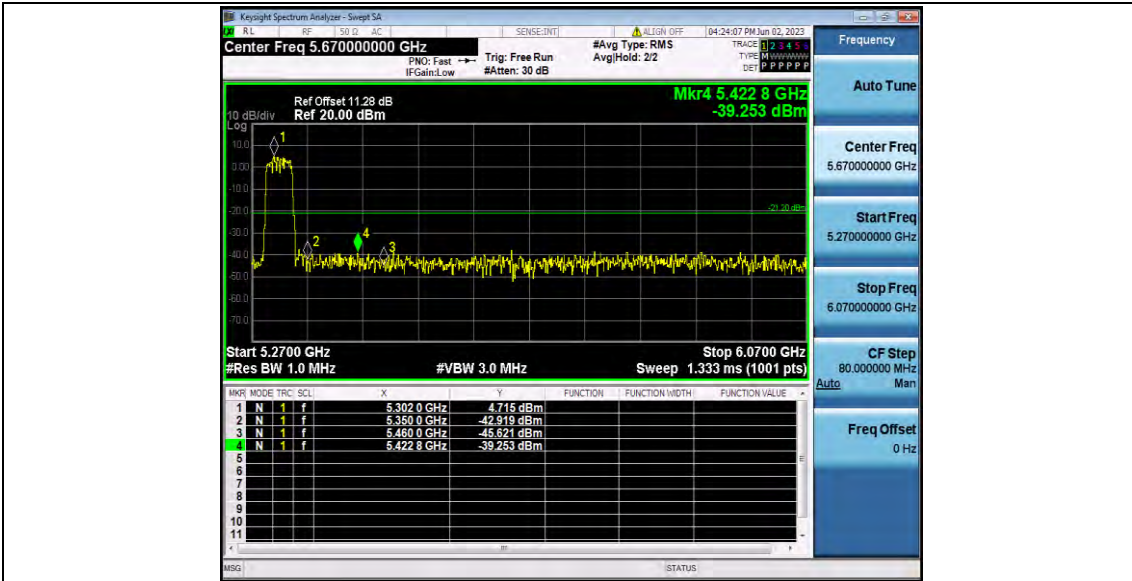
11AC20SISO_Ant1_High_5320_Peak



11AC40SISO_Ant1_Low_5270_AV



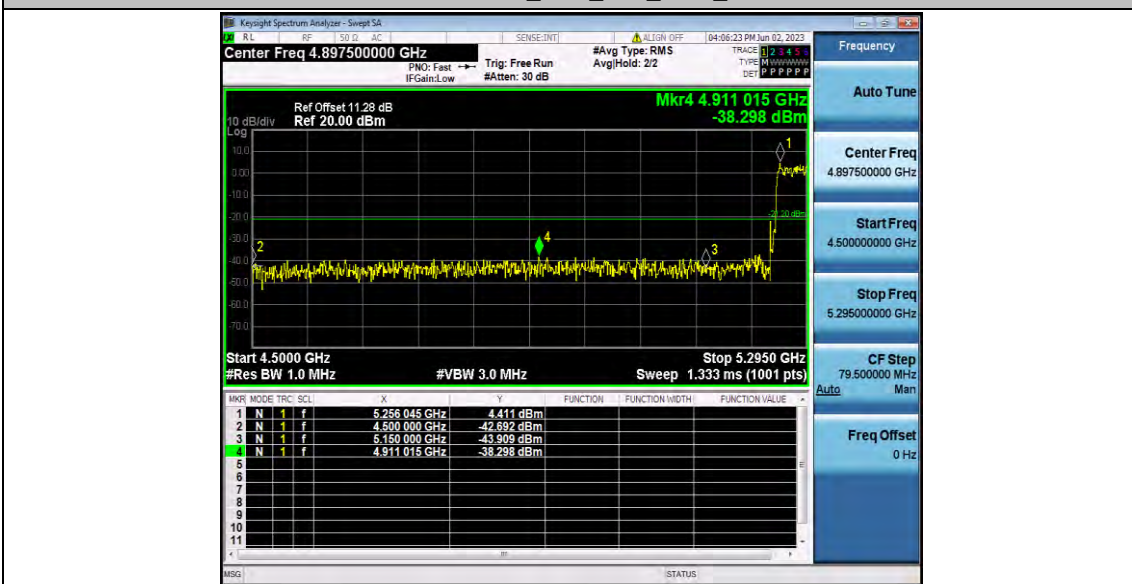
11AC40SISO_Ant1_Low_5270_Peak



11AC40SISO_Ant1_High_5310_Peak



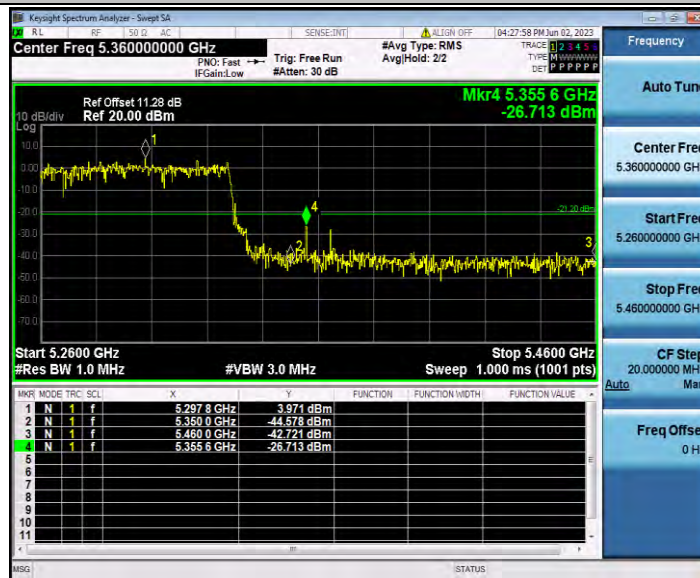
11AC80SISO_Ant1_Low_5290_AV



11AC80SISO_Ant1_Low_5290_Peak



11AC80SISO_Ant1_High_5290_AV



11AC80SISO_Ant1_High_5290_Peak