

Appendix C

RF Test Data for 5.2GWIFI (Conducted Measurement)

Product Name: Portable Wireless Display Monitor

Test Model: AUSTA-A9

Environmental Conditions

Temperature:	24.6°C
Relative Humidity:	53.4%
ATM Pressure:	100.0 kPa
Test Engineer:	Zhang hai
Supervised by:	Fengliu Tang

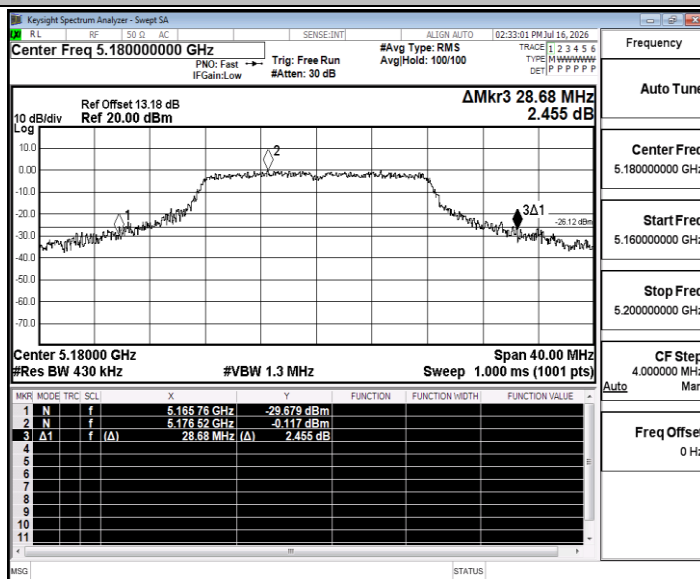
C.1 Emission Bandwidth

Test Result

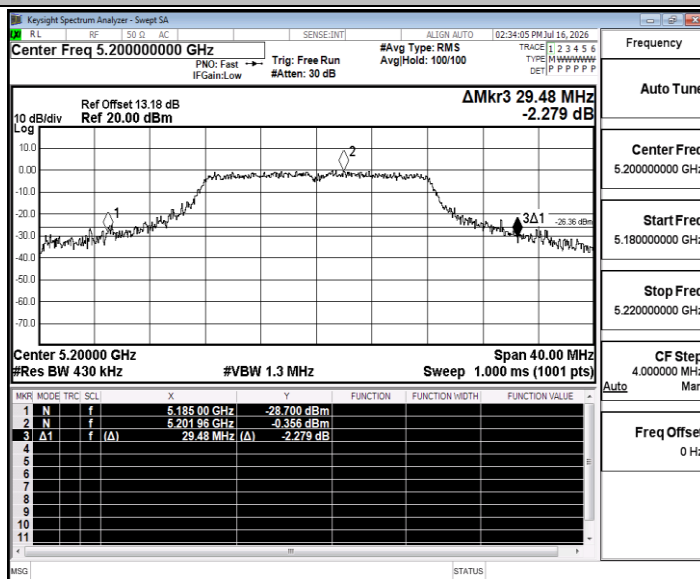
TestMode	Antenna	Freq (MHz)	26db EBW [MHz]	FL[MHz]	FH[MHz]	Limit [MHz]	Verdict
11A	Ant1	5180	28.680	5165.760	5194.440	---	---
		5200	29.480	5185.000	5214.480	---	---
		5240	31.160	5224.600	5255.760	---	---
11N20SISO	Ant1	5180	28.560	5166.040	5194.600	---	---
		5200	27.760	5185.720	5213.480	---	---
		5240	30.720	5225.080	5255.800	---	---
11N40SISO	Ant1	5190	52.720	5165.760	5218.480	---	---
		5230	57.760	5204.000	5261.760	---	---
11AC20SISO	Ant1	5180	27.920	5167.560	5195.480	---	---
		5200	28.520	5185.360	5213.880	---	---
		5240	29.080	5225.760	5254.840	---	---
11AC40SISO	Ant1	5190	58.640	5161.040	5219.680	---	---
		5230	61.600	5205.120	5266.720	---	---

Test Graphs

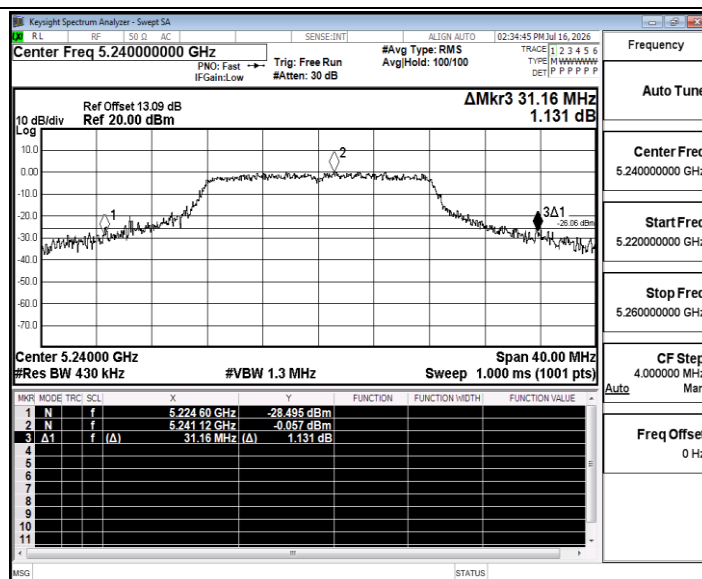
11A_Ant1_5180



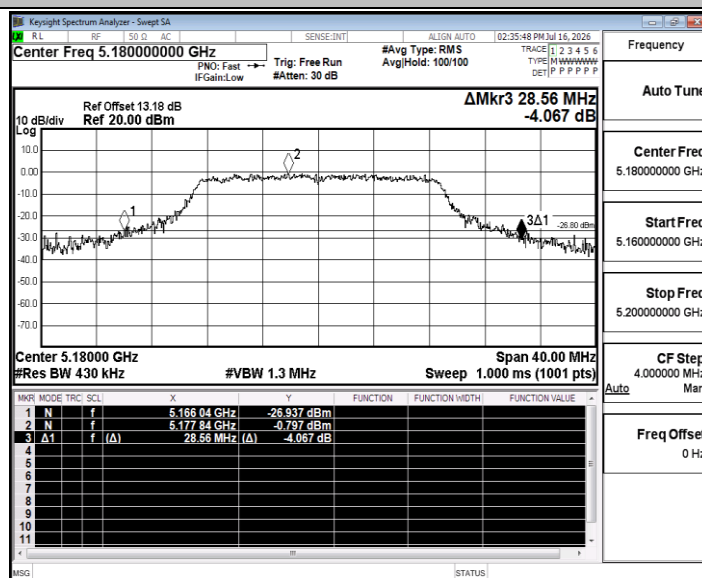
11A_Ant1_5200



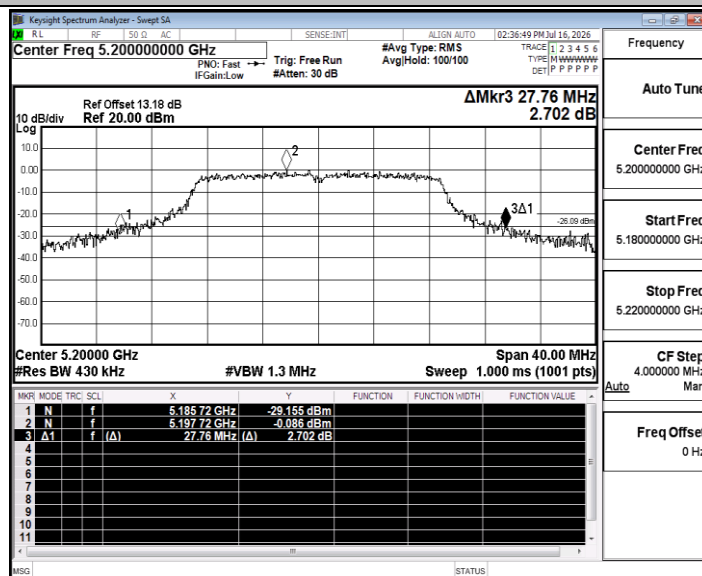
11A_Ant1_5240



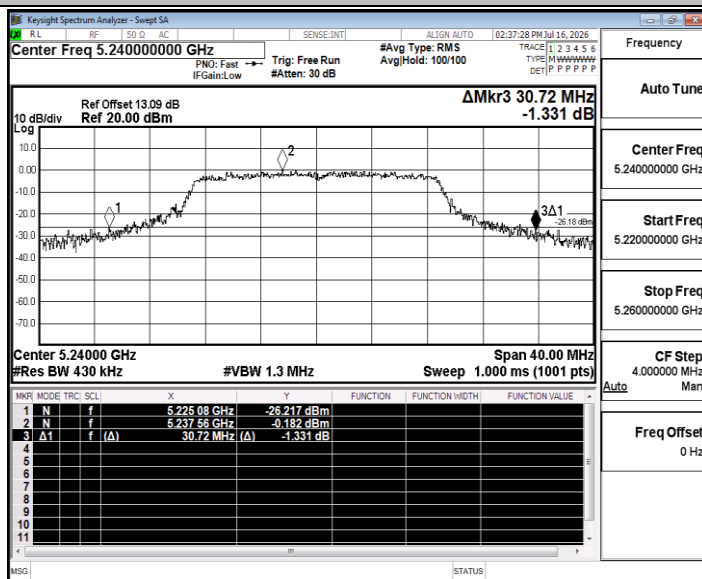
11N20SISO_Ant1_5180



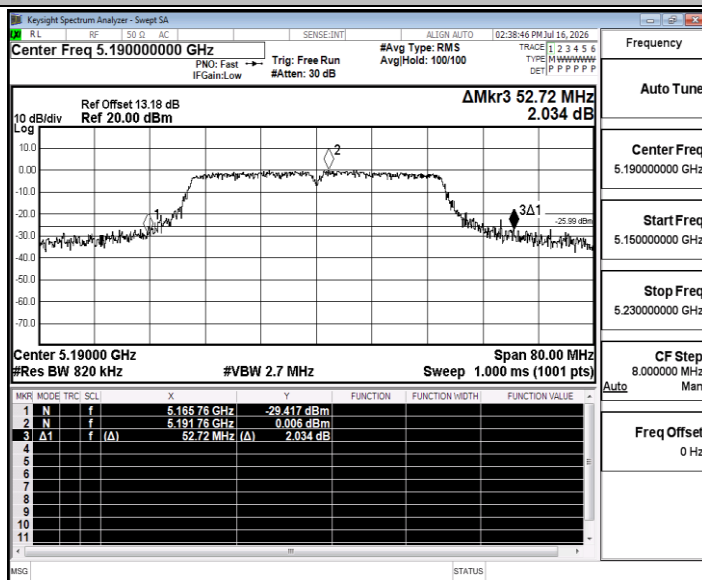
11N20SISO_Ant1_5200



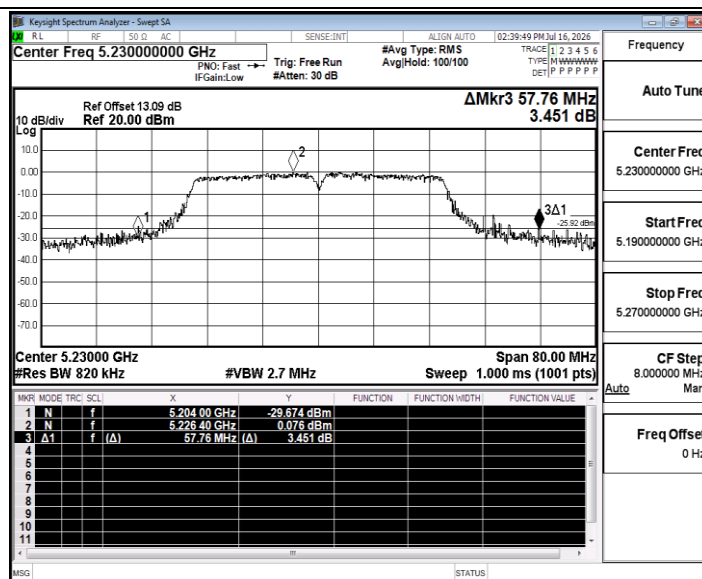
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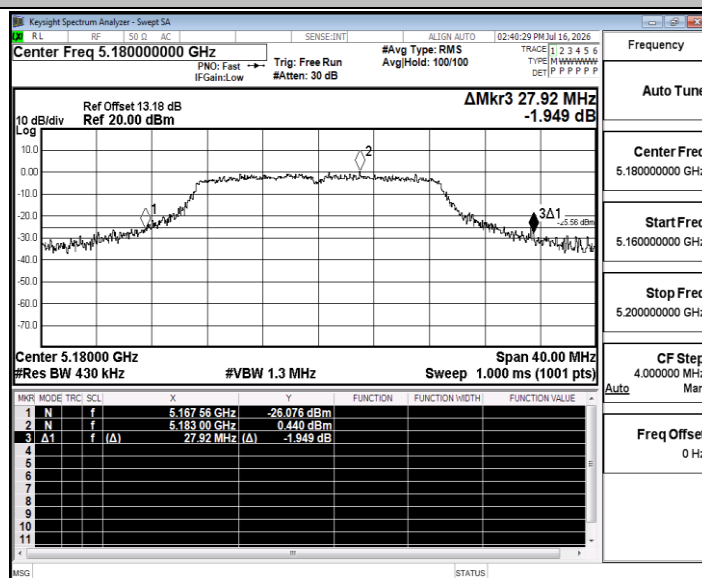
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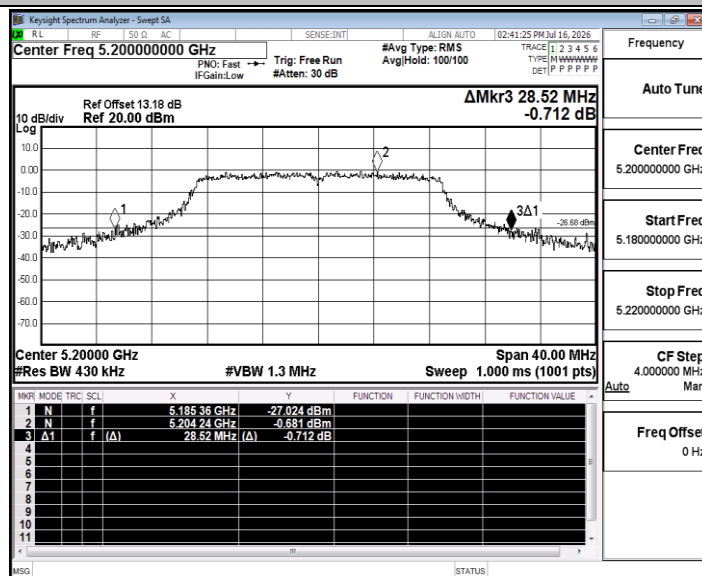
11N40SISO_Ant1_5230



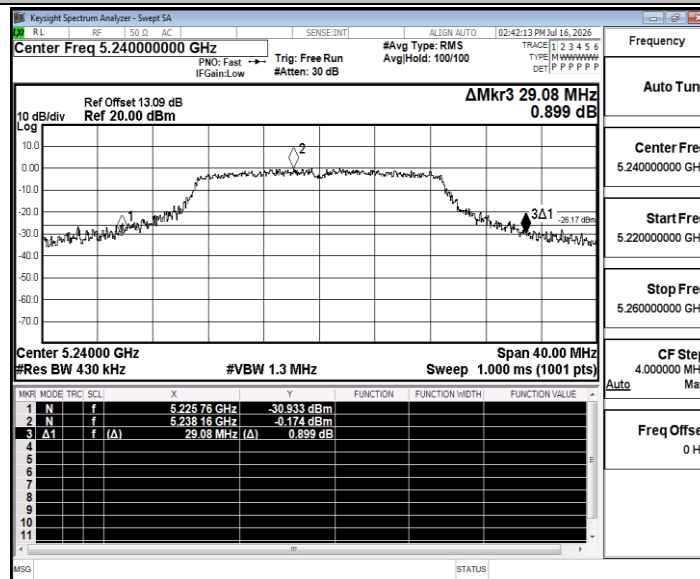
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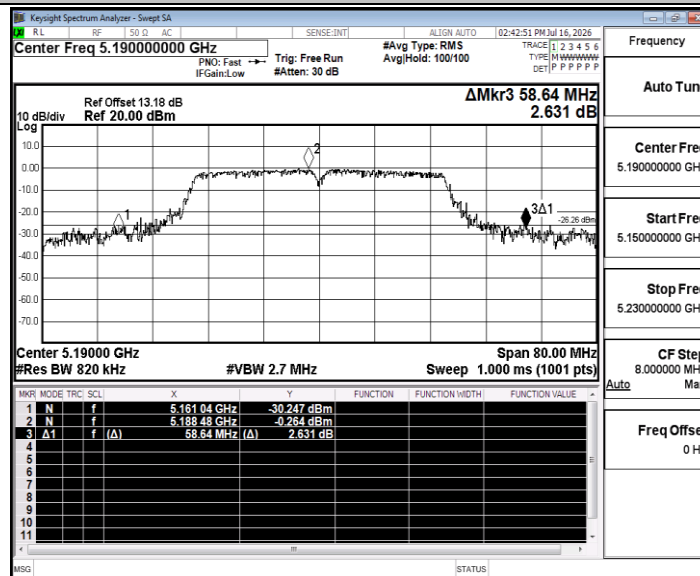
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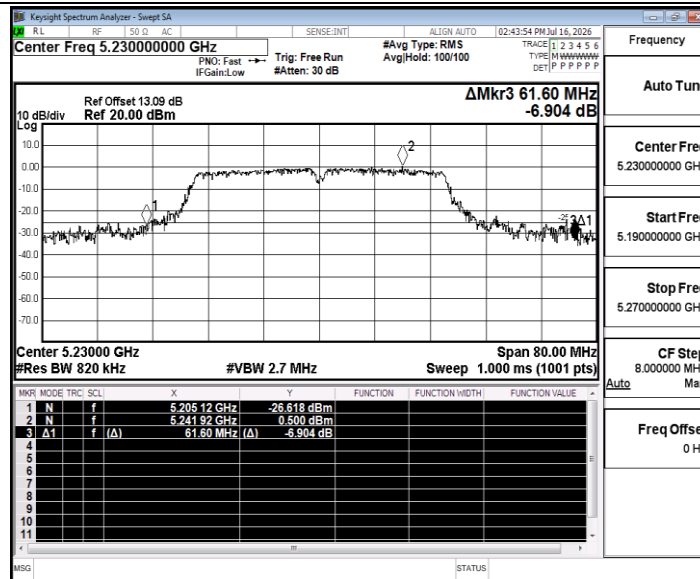
11AC20SISO_Ant1_5240



11AC40SISO_Ant1_5190



11AC40SISO_Ant1_5230



C.2 Maximum conducted output power

Test Result

Test Mode	Antenna	Freq (MHz)	TPC Mode	Measured Power [dBm]	DC Factor [dB]	Result [dBm]	Limit [dBm]	Verdict
11A	Ant1	5180	NA	10.06	2.38	12.44	≤23.98	PASS
		5200	NA	10.07	2.39	12.46	≤23.98	PASS
		5240	NA	9.63	2.41	12.04	≤23.98	PASS
11N20SISO	Ant1	5180	NA	9.86	2.52	12.38	≤23.98	PASS
		5200	NA	9.69	2.50	12.19	≤23.98	PASS
		5240	NA	9.28	2.52	11.8	≤23.98	PASS
11N40SISO	Ant1	5190	NA	8.13	4.10	12.23	≤23.98	PASS
		5230	NA	8.02	4.14	12.16	≤23.98	PASS
11AC20SISO	Ant1	5180	NA	9.63	2.50	12.13	≤23.98	PASS
		5200	NA	9.68	2.52	12.2	≤23.98	PASS
		5240	NA	9.25	2.49	11.74	≤23.98	PASS
11AC40SISO	Ant1	5190	NA	8.27	4.10	12.37	≤23.98	PASS
		5230	NA	7.86	4.10	11.96	≤23.98	PASS

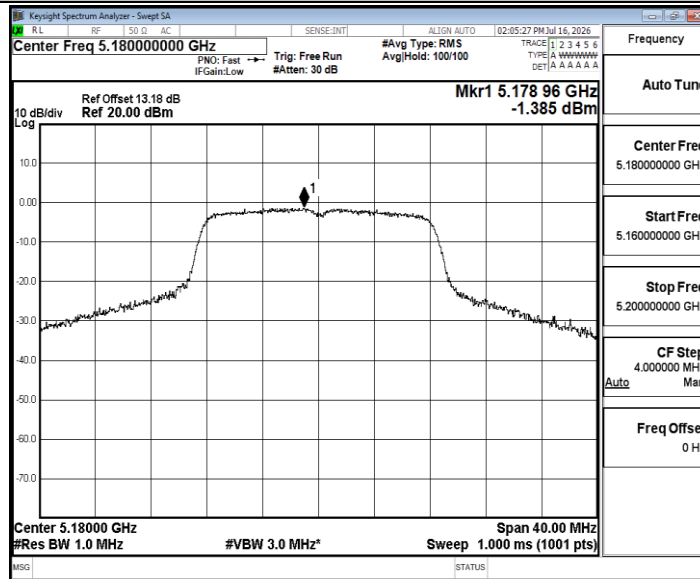
C.3 Maximum power spectral density

Test Result

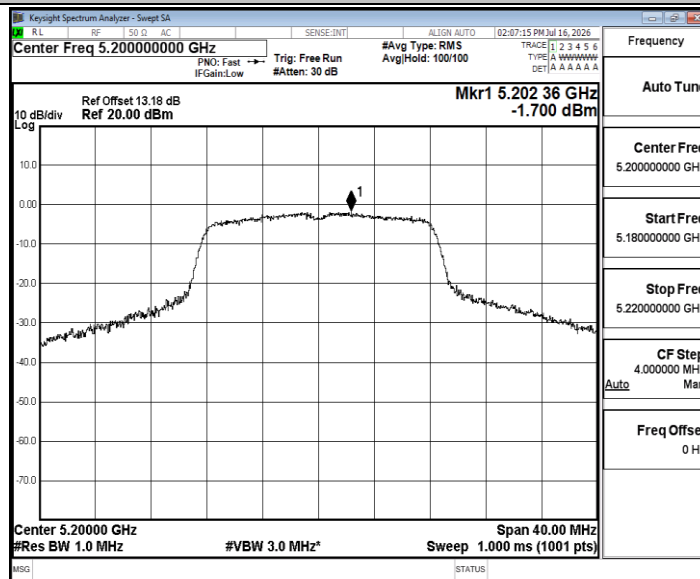
TestMode	Antenna	Freq (MHz)	Raw Data [dBm/MHz]	DC Factor	Result [dBm/MHz]	Limit [dBm/MHz]	Verdict
11A	Ant1	5180	-1.39	2.38	0.99	≤11.00	PASS
		5200	-1.7	2.39	0.69	≤11.00	PASS
		5240	-3.15	2.41	-0.74	≤11.00	PASS
11N20SISO	Ant1	5180	-2.73	2.52	-0.21	≤11.00	PASS
		5200	-2.67	2.50	-0.17	≤11.00	PASS
		5240	-2.47	2.52	0.05	≤11.00	PASS
11N40SISO	Ant1	5190	-6.78	4.10	-2.68	≤11.00	PASS
		5230	-6.96	4.14	-2.82	≤11.00	PASS
11AC20SISO	Ant1	5180	-2.85	2.50	-0.35	≤11.00	PASS
		5200	-2.85	2.52	-0.33	≤11.00	PASS
		5240	-2.58	2.49	-0.09	≤11.00	PASS
11AC40SISO	Ant1	5190	-6.82	4.10	-2.72	≤11.00	PASS
		5230	-6.81	4.10	-2.71	≤11.00	PASS

Test Graphs

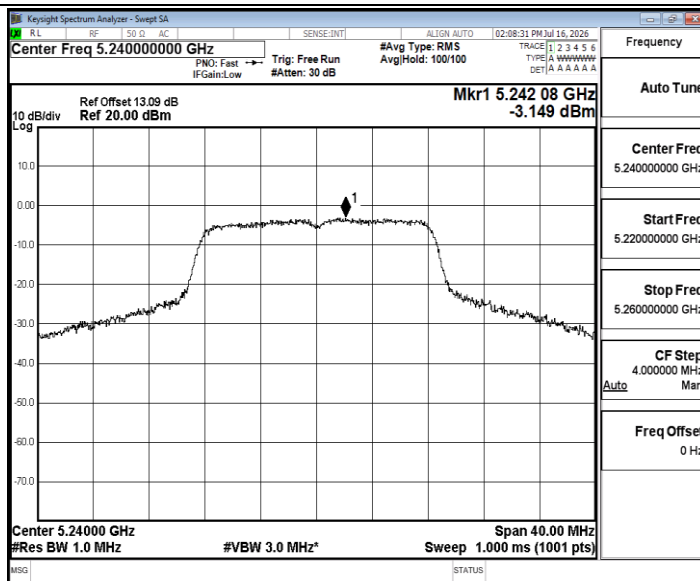
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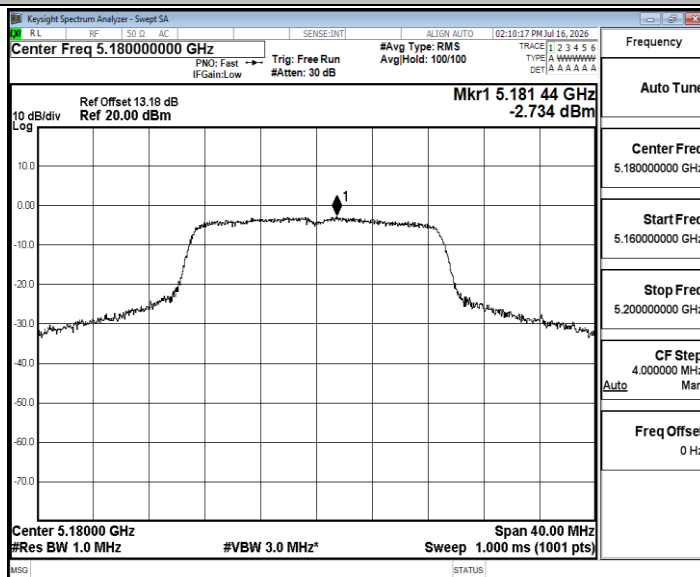
11A_Ant1_5200



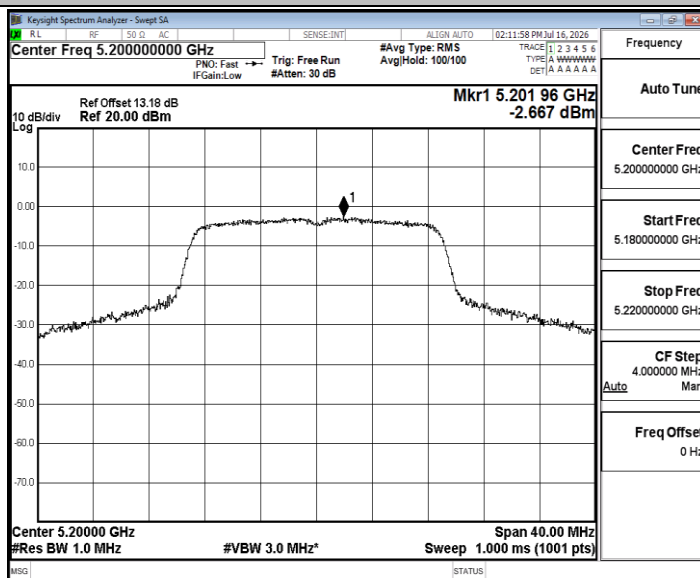
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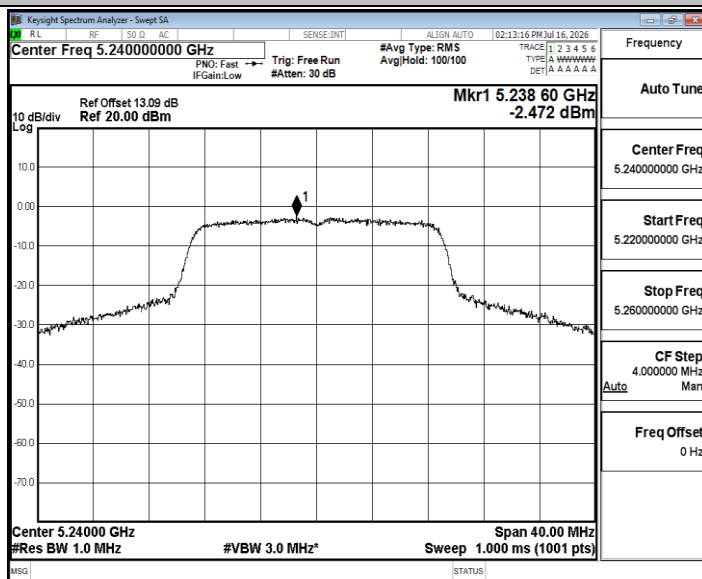
11N20SISO_Ant1_5180



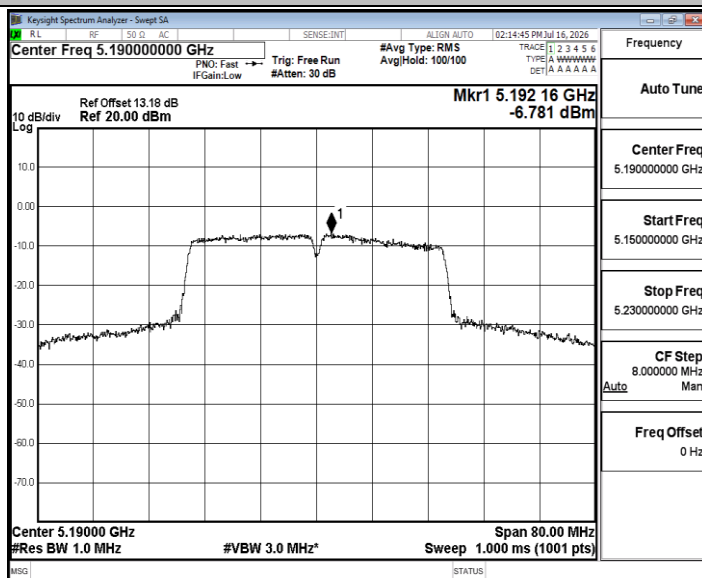
11N20SISO_Ant1_5200



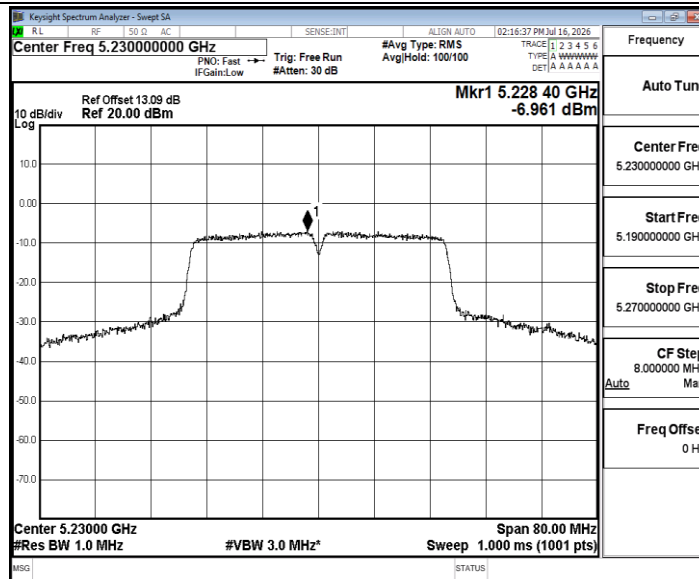
11N20SISO_Ant1_5240



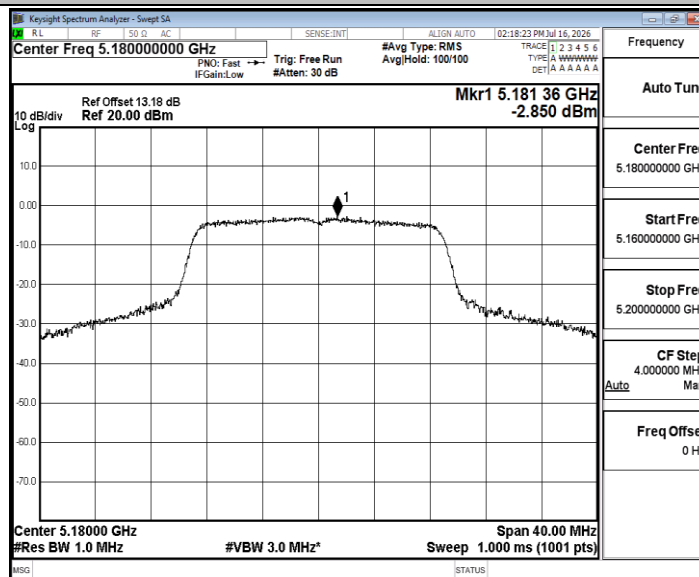
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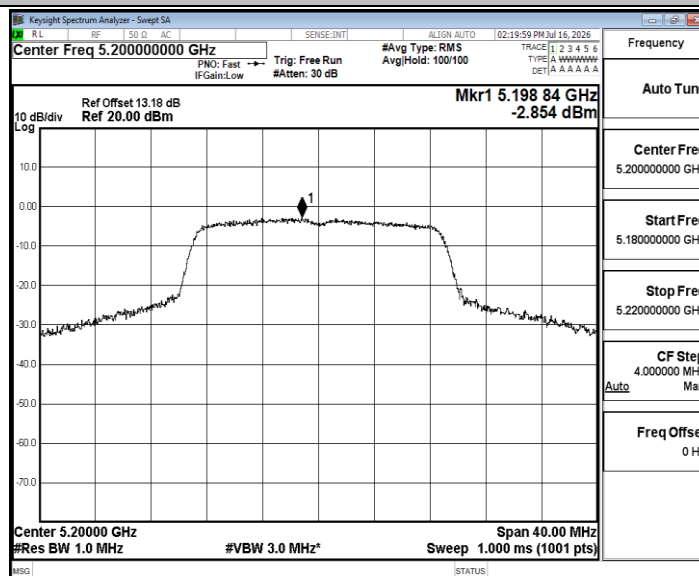
11N40SISO_Ant1_5230



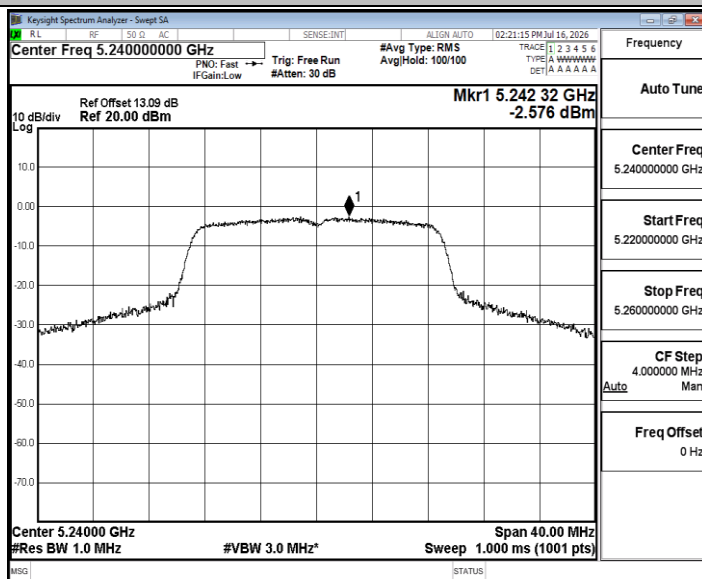
11AC20SISO_Ant1_5180



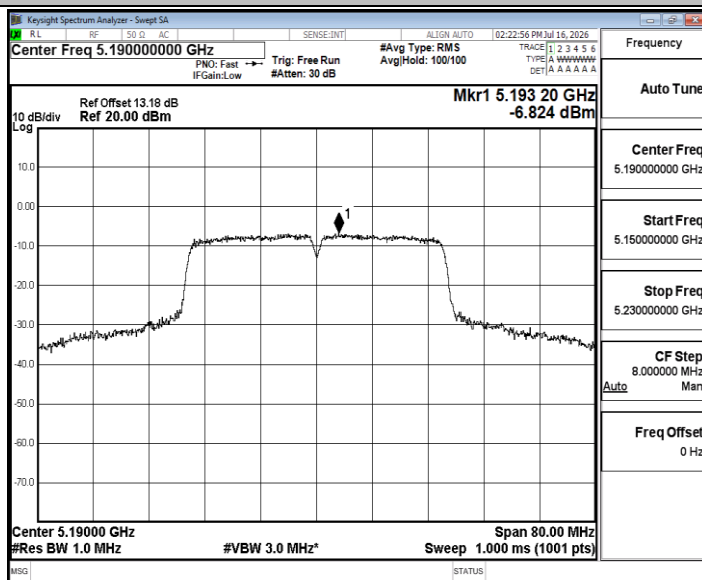
11AC20SISO_Ant1_5200



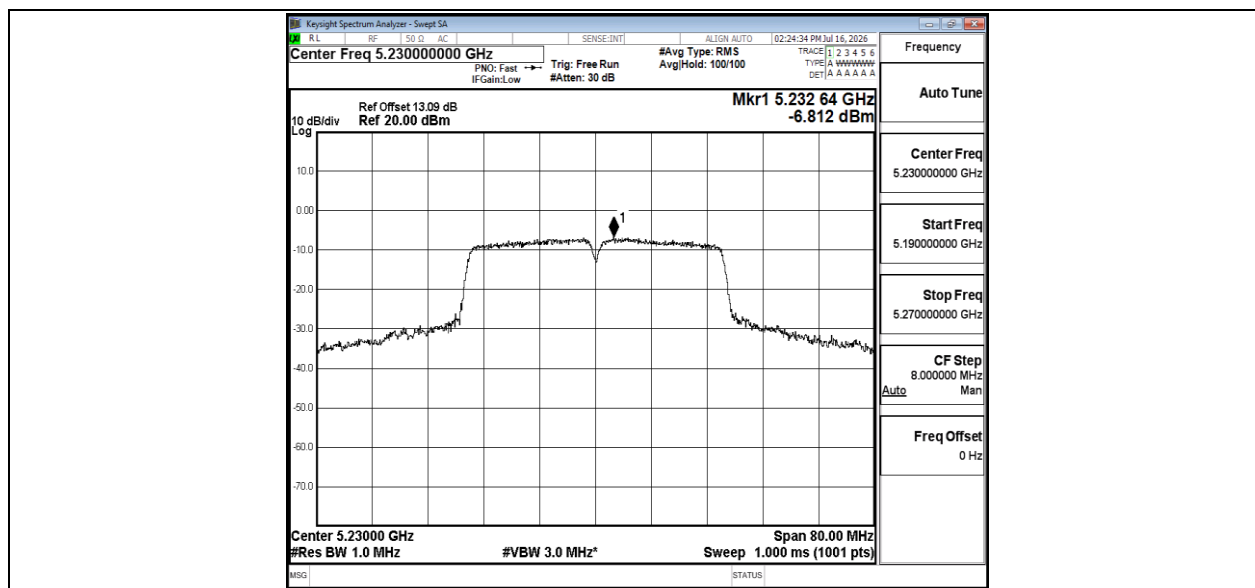
11AC20SISO_Ant1_5240



11AC40SISO_Ant1_5190



11AC40SISO_Ant1_5230



C.4 Emissions in Restricted Bands

Test Result

Test Mode	Antenna	Ch Name	Freq (MHz)	Detector	Freq [MHz]	Result [dBm]	Limit [dBm]	Gain [dBi]	DC Factor [dB]	Result [dBuV/m]	Limit [dBuV/m]	Verdict
11A	Ant1	Low	5180	AV	4500.000	-62.26	≤-45.58	2.00	2.38	37.32	≤54	PASS
				AV	5149.600	-52.75	≤-45.58	2.00	2.38	46.83	≤54	PASS
				AV	5150.000	-51.53	≤-45.58	2.00	2.38	48.05	≤54	PASS
				Peak	4500.000	-54.31	≤-29.00	2.00	0.00	42.89	≤68.2	PASS
				Peak	5149.600	-38.04	≤-29.00	2.00	0.00	59.16	≤68.2	PASS
				Peak	5150.000	-33.42	≤-29.00	2.00	0.00	63.78	≤68.2	PASS
		High	5240	AV	5350.000	-61.17	≤-45.61	2.00	2.41	38.44	≤54	PASS
				AV	5350.800	-60.27	≤-45.61	2.00	2.41	39.34	≤54	PASS
				AV	5460.000	-61.45	≤-45.61	2.00	2.41	38.16	≤54	PASS
				Peak	5350.000	-52.42	≤-29.00	2.00	0.00	44.78	≤68.2	PASS
				Peak	5351.040	-48.71	≤-29.00	2.00	0.00	48.49	≤68.2	PASS
				Peak	5460.000	-53.23	≤-29.00	2.00	0.00	43.97	≤68.2	PASS
11N2 OSIS O	Ant1	Low	5180	AV	4500.000	-62.39	≤-45.72	2.00	2.52	37.33	≤54	PASS
				AV	5149.600	-51.37	≤-45.72	2.00	2.52	48.35	≤54	PASS
				AV	5150.000	-51.51	≤-45.72	2.00	2.52	48.21	≤54	PASS
				Peak	4500.000	-54.03	≤-29.00	2.00	0.00	43.17	≤68.2	PASS
				Peak	5144.000	-36.86	≤-29.00	2.00	0.00	60.34	≤68.2	PASS
				Peak	5150.000	-39.2	≤-29.00	2.00	0.00	58.00	≤68.2	PASS
		High	5240	AV	5350.000	-60.51	≤-45.72	2.00	2.52	39.21	≤54	PASS
				AV	5350.320	-60.02	≤-45.72	2.00	2.52	39.70	≤54	PASS
				AV	5460.000	-61.55	≤-45.72	2.00	2.52	38.17	≤54	PASS
				Peak	5350.000	-50.61	≤-29.00	2.00	0.00	46.59	≤68.2	PASS
				Peak	5355.600	-49.5	≤-29.00	2.00	0.00	47.70	≤68.2	PASS
				Peak	5460.000	-51.65	≤-29.00	2.00	0.00	45.55	≤68.2	PASS
11N4 OSIS O	Ant1	Low	5190	AV	4500.000	-62.4	≤-47.30	2.00	4.10	38.90	≤54	PASS
				AV	5148.900	-49.36	≤-47.30	2.00	4.10	51.94	≤54	PASS
				AV	5150.000	-50.66	≤-47.30	2.00	4.10	50.64	≤54	PASS
				Peak	4500.000	-53.57	≤-29.00	2.00	0.00	43.63	≤68.2	PASS
				Peak	5145.400	-31.55	≤-29.00	2.00	0.00	65.65	≤68.2	PASS
				Peak	5150.000	-36.44	≤-29.00	2.00	0.00	60.76	≤68.2	PASS
		High	5230	AV	5350.000	-56.3	≤-47.34	2.00	4.14	45.04	≤54	PASS
				AV	5351.320	-54.74	≤-47.34	2.00	4.14	46.60	≤54	PASS
				AV	5460.000	-61.57	≤-47.34	2.00	4.14	39.77	≤54	PASS
				Peak	5350.000	-38.09	≤-29.00	2.00	0.00	59.11	≤68.2	PASS
				Peak	5350.020	-38.09	≤-29.00	2.00	0.00	59.11	≤68.2	PASS
				Peak	5460.000	-52.36	≤-29.00	2.00	0.00	44.84	≤68.2	PASS

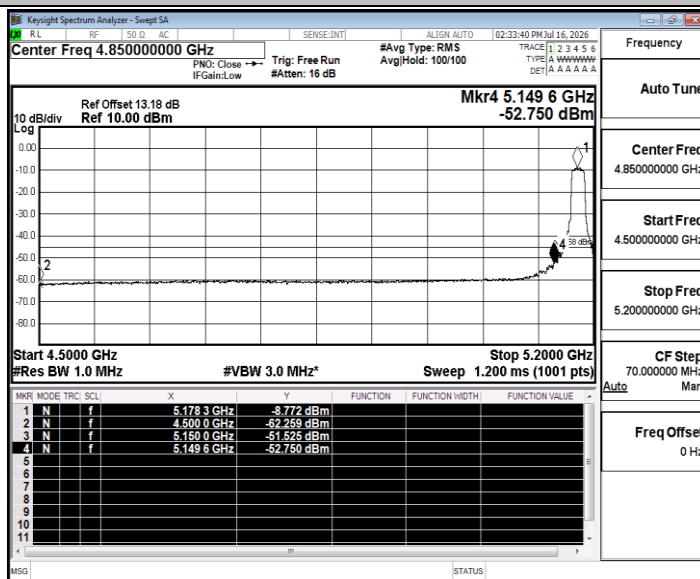
11AC 20SI SO	Ant1	Low	5180	AV	4500.000	-61.93	≤-45.70	2.00	2.50	37.77	≤54	PASS
				AV	5149.600	-52.38	≤-45.70	2.00	2.50	47.32	≤54	PASS
				AV	5150.000	-54.39	≤-45.70	2.00	2.50	45.31	≤54	PASS
				Peak	4500.000	-54.98	≤-29.00	2.00	0.00	42.22	≤68.2	PASS
				Peak	5148.900	-36.33	≤-29.00	2.00	0.00	60.87	≤68.2	PASS
				Peak	5150.000	-37.19	≤-29.00	2.00	0.00	60.01	≤68.2	PASS
		High	5240	AV	5350.000	-60.9	≤-45.69	2.00	2.49	38.79	≤54	PASS
				AV	5352.240	-60.34	≤-45.69	2.00	2.49	39.35	≤54	PASS
				AV	5460.000	-61.76	≤-45.69	2.00	2.49	37.93	≤54	PASS
				Peak	5350.000	-48.25	≤-29.00	2.00	0.00	48.95	≤68.2	PASS
				Peak	5350.080	-48.25	≤-29.00	2.00	0.00	48.95	≤68.2	PASS
				Peak	5460.000	-50.99	≤-29.00	2.00	0.00	46.21	≤68.2	PASS
11AC 40SI SO	Ant1	Low	5190	AV	4500.000	-62.67	≤-47.30	2.00	4.10	38.63	≤54	PASS
				AV	5149.600	-48.65	≤-47.30	2.00	4.10	52.65	≤54	PASS
				AV	5150.000	-48.72	≤-47.30	2.00	4.10	52.58	≤54	PASS
				Peak	4500.000	-54.34	≤-29.00	2.00	0.00	42.86	≤68.2	PASS
				Peak	5139.100	-33.16	≤-29.00	2.00	0.00	64.04	≤68.2	PASS
				Peak	5150.000	-33.9	≤-29.00	2.00	0.00	63.30	≤68.2	PASS
		High	5230	AV	5350.000	-55.54	≤-47.30	2.00	4.10	45.76	≤54	PASS
				AV	5352.620	-55.25	≤-47.30	2.00	4.10	46.05	≤54	PASS
				AV	5460.000	-61.98	≤-47.30	2.00	4.10	39.32	≤54	PASS
				Peak	5350.000	-42.04	≤-29.00	2.00	0.00	55.16	≤68.2	PASS
				Peak	5350.280	-39.71	≤-29.00	2.00	0.00	57.49	≤68.2	PASS
				Peak	5460.000	-52.14	≤-29.00	2.00	0.00	45.06	≤68.2	PASS

Note:

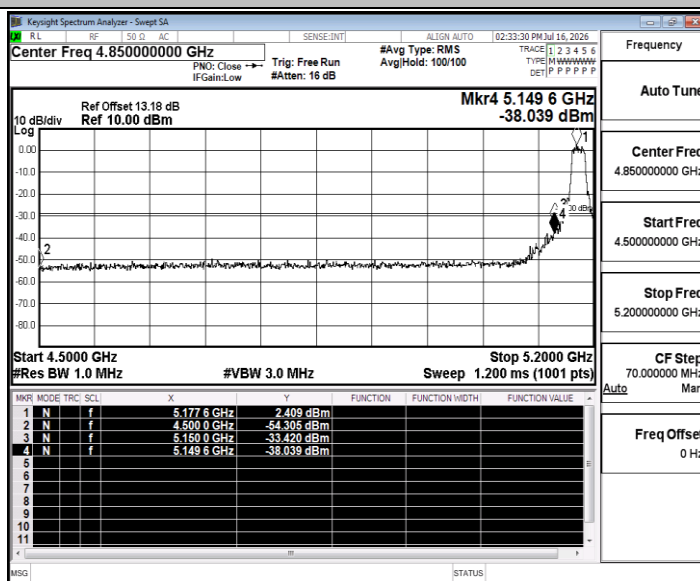
1. The Antenna Gain is compensated in the graph.

Test Graphs

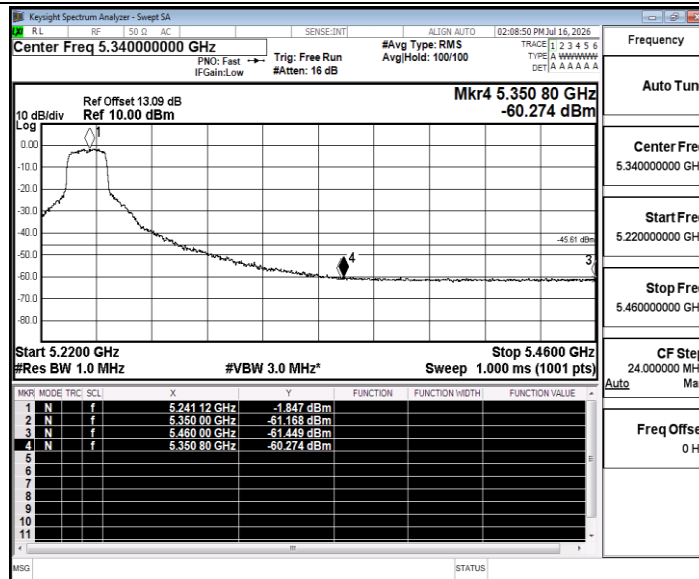
11A_Ant1_Low_5180_AV



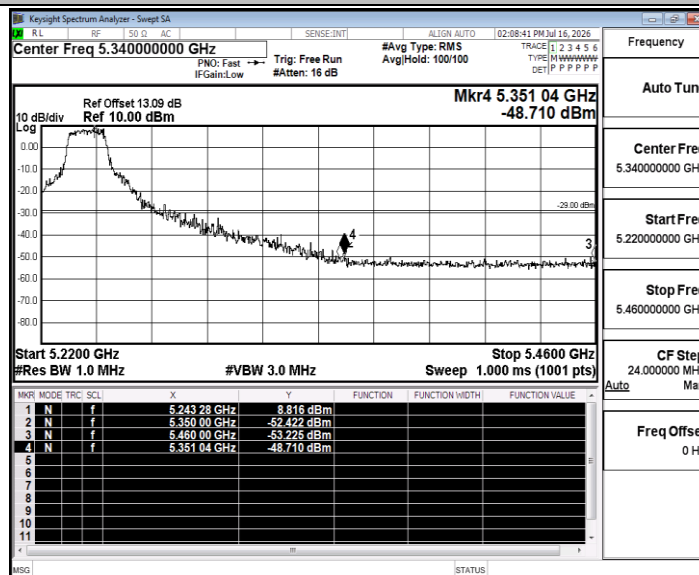
11A_Ant1_Low_5180_Peak



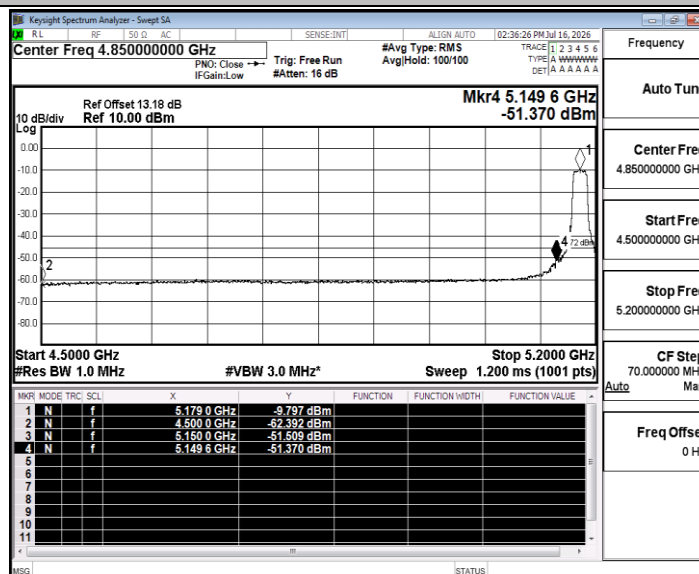
11A_Ant1_High_5240_AV



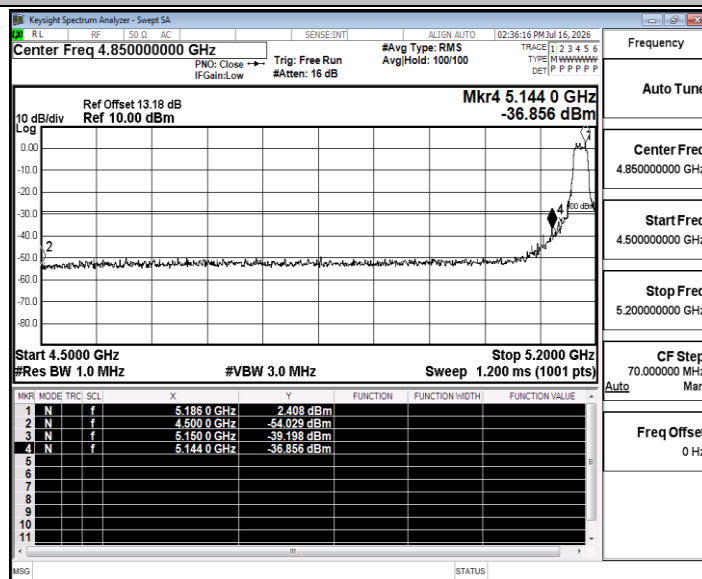
11A_Ant1_High_5240_Peak



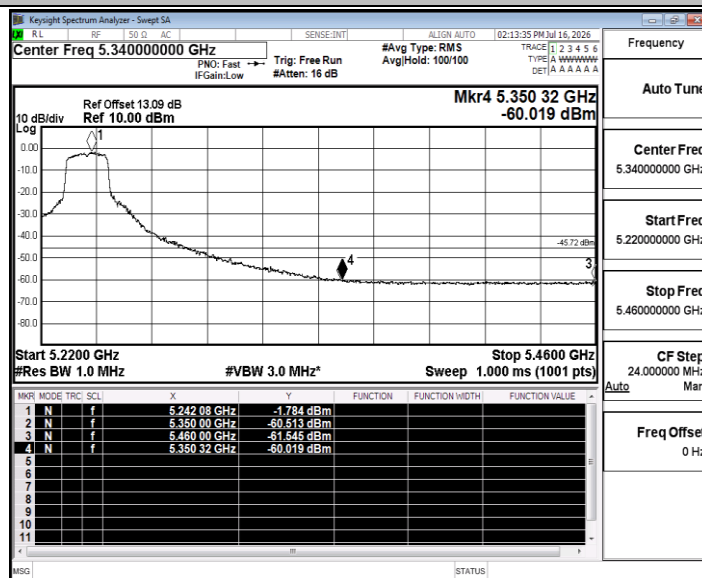
11N20SISO_Ant1_Low_5180_AV



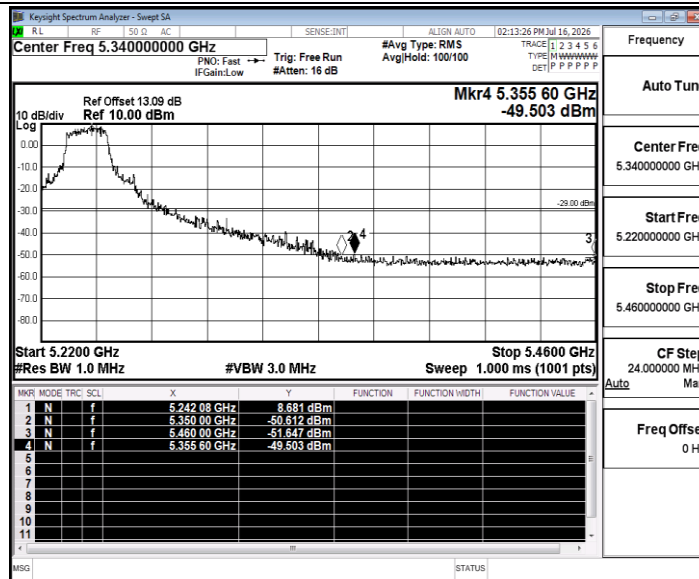
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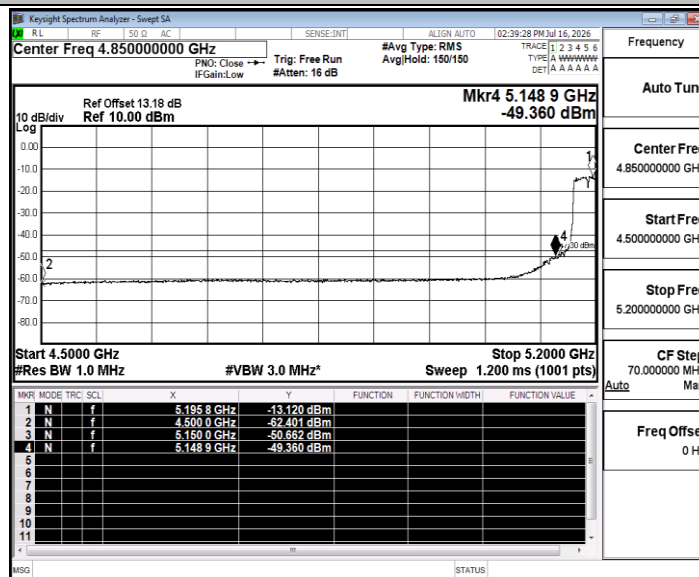
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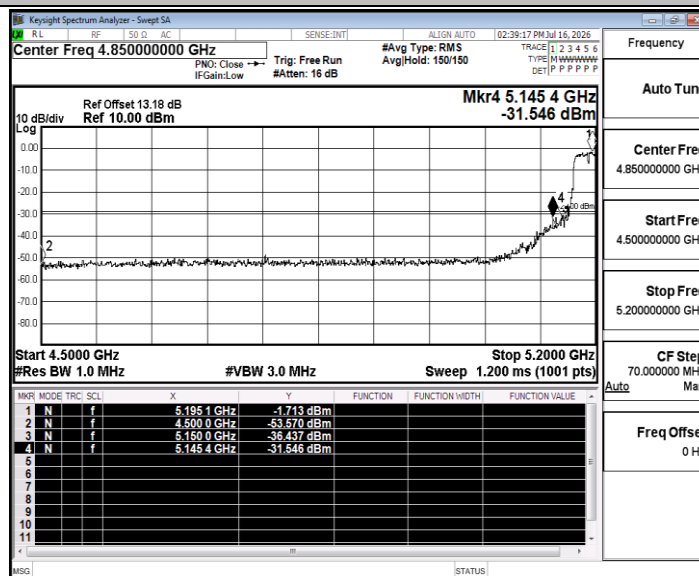
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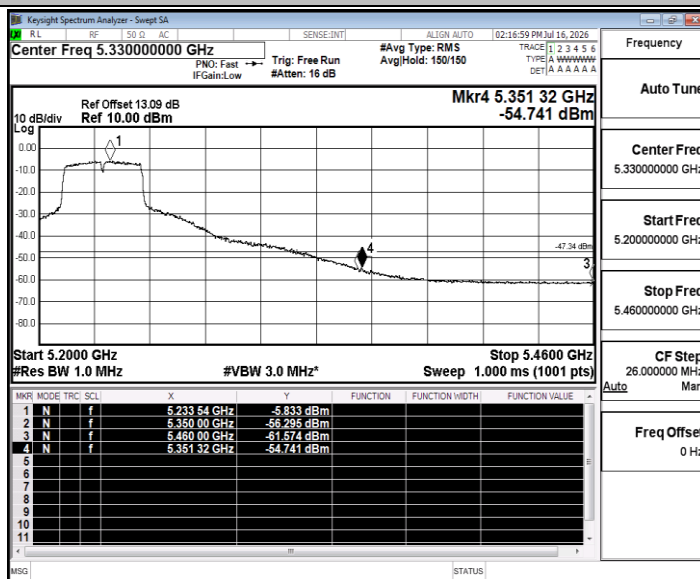
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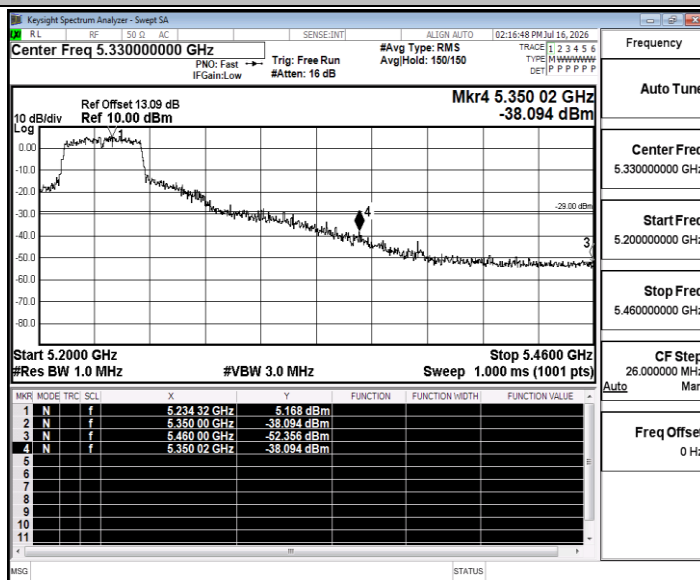
11N40SISO_Ant1_Low_5190_Peak



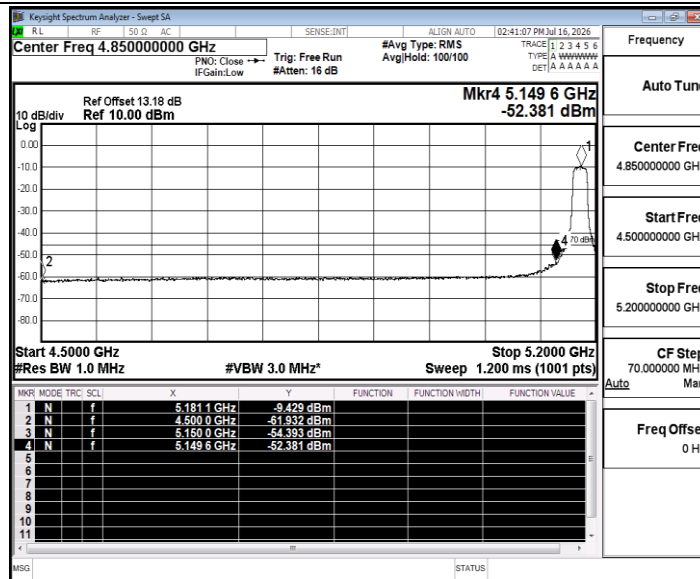
11N40SISO_Ant1_High_5230_AV



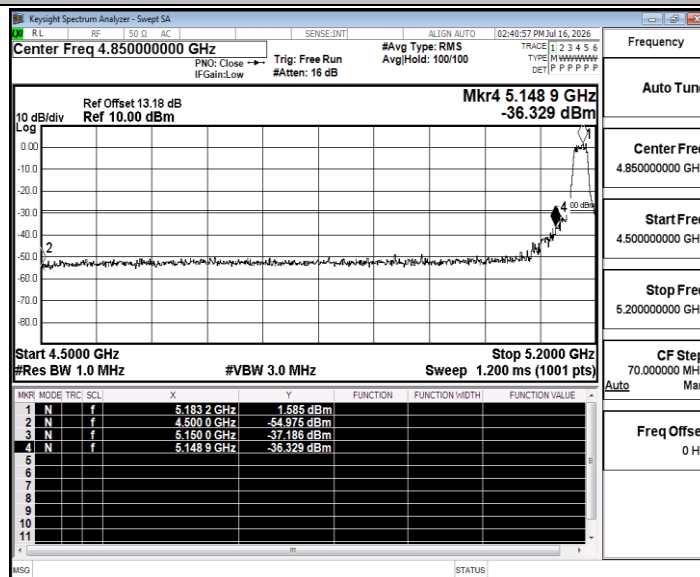
11N40SISO_Ant1_High_5230_Peak



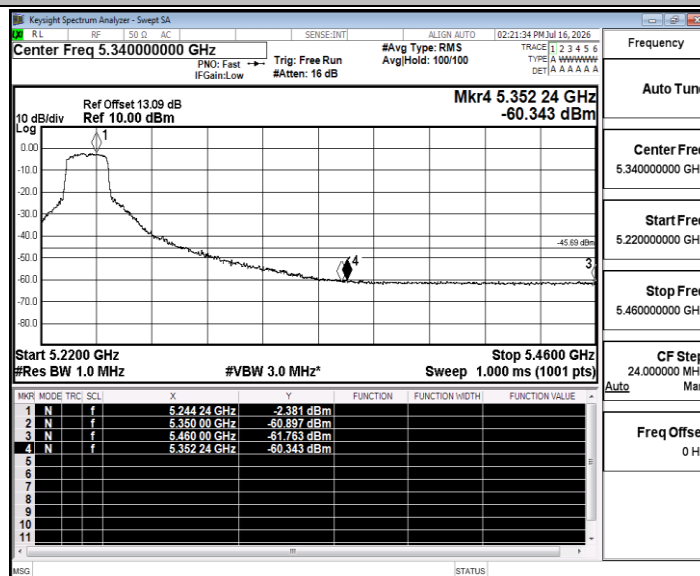
11AC20SISO_Ant1_Low_5180_AV



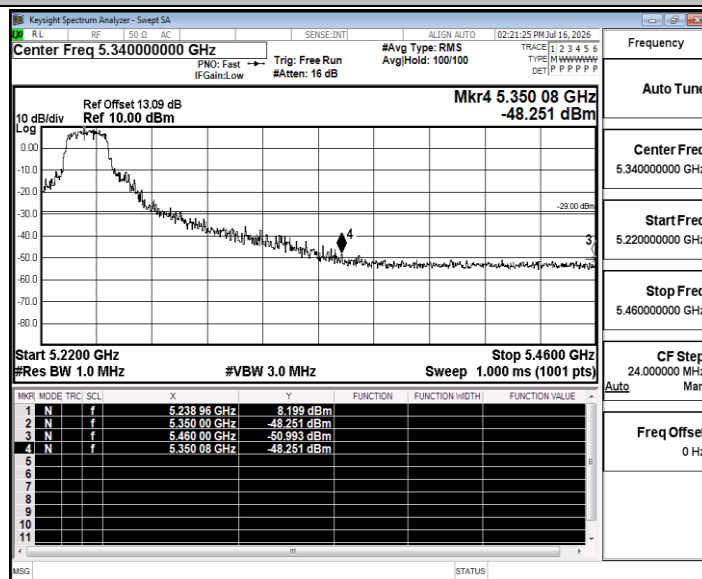
11AC20SISO_Ant1_Low_5180_Peak



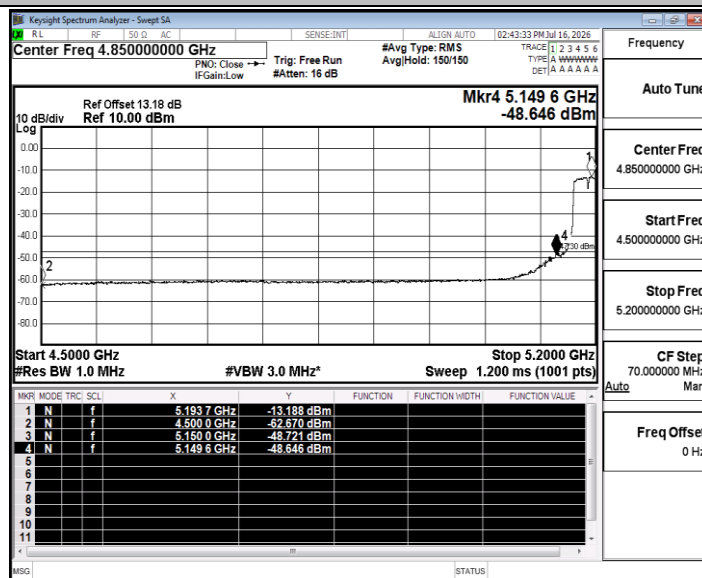
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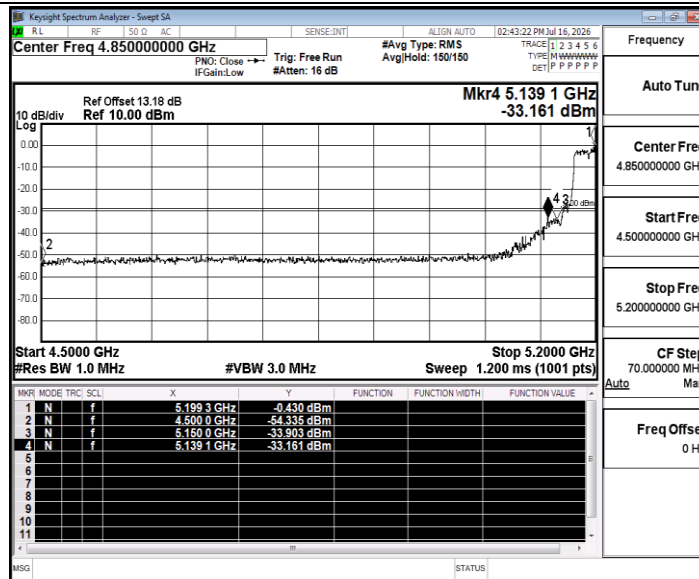
11AC20SISO_Ant1_High_5240_Peak



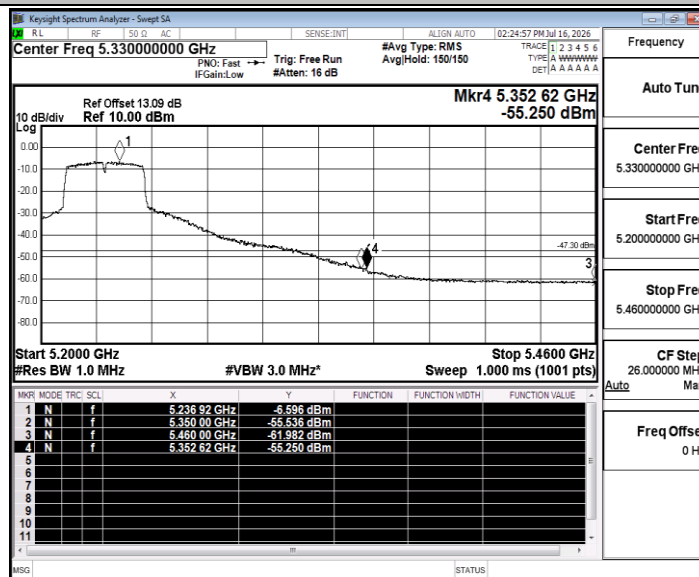
11AC40SISO_Ant1_Low_5190_AV



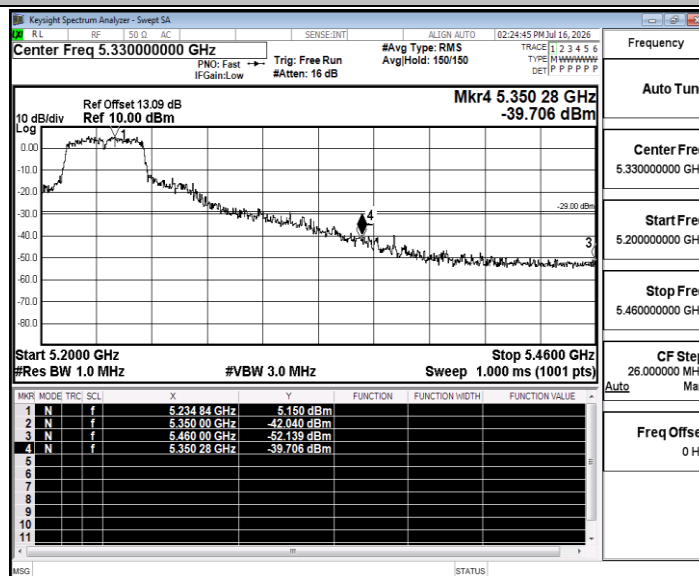
11AC40SISO_Ant1_Low_5190_Peak



11AC40SISO_Ant1_High_5230_AV



11AC40SISO_Ant1_High_5230_Peak



C.5 Frequency Stability

Test Result

Voltage								
TestMode	Antenna	Freq (MHz)	Voltage [Vdc]	Temperature (°C)	Deviation (Hz)	Deviation (ppm)	Limit (ppm)	Verdict
11A	Ant1	5180	NV	NT	0.00	0.000000	20	PASS
			LV	NT	-20000.00	-3.861004	20	PASS
			HV	NT	-20000.00	-3.861004	20	PASS
		5200	NV	NT	0.00	0.000000	20	PASS
			LV	NT	-20000.00	-3.846154	20	PASS
			HV	NT	0.00	0.000000	20	PASS
		5240	NV	NT	-20000.00	-3.816794	20	PASS
			LV	NT	-20000.00	-3.816794	20	PASS
			HV	NT	-20000.00	-3.816794	20	PASS
11N20SISO	Ant1	5180	NV	NT	-20000.00	-3.861004	20	PASS
			LV	NT	-40000.00	-7.722008	20	PASS
			HV	NT	-20000.00	-3.861004	20	PASS
		5200	NV	NT	-20000.00	-3.846154	20	PASS
			LV	NT	0.00	0.000000	20	PASS
			HV	NT	-20000.00	-3.846154	20	PASS
		5240	NV	NT	-20000.00	-3.816794	20	PASS
			LV	NT	0.00	0.000000	20	PASS
			HV	NT	-20000.00	-3.816794	20	PASS
11N40SISO	Ant1	5190	NV	NT	0.00	0.000000	20	PASS
			LV	NT	0.00	0.000000	20	PASS
			HV	NT	0.00	0.000000	20	PASS
		5230	NV	NT	-40000.00	-7.648184	20	PASS
			LV	NT	0.00	0.000000	20	PASS
			HV	NT	-40000.00	-7.648184	20	PASS
11AC20SISO	Ant1	5180	NV	NT	0.00	0.000000	20	PASS
			LV	NT	-20000.00	-3.861004	20	PASS
			HV	NT	-20000.00	-3.861004	20	PASS
		5200	NV	NT	0.00	0.000000	20	PASS
			LV	NT	-20000.00	-3.846154	20	PASS
			HV	NT	0.00	0.000000	20	PASS
		5240	NV	NT	0.00	0.000000	20	PASS
			LV	NT	0.00	0.000000	20	PASS
			HV	NT	0.00	0.000000	20	PASS
11AC40SISO	Ant1	5190	NV	NT	-40000.00	-7.707129	20	PASS
			LV	NT	0.00	0.000000	20	PASS

			HV	NT	40000.00	7.707129	20	PASS
		5230	NV	NT	-40000.00	-7.648184	20	PASS
			LV	NT	-40000.00	-7.648184	20	PASS
			HV	NT	0.00	0.000000	20	PASS

Temperature								
TestMode	Antenna	Freq (MHz)	Voltage [Vdc]	Temperature (°C)	Deviation (Hz)	Deviation (ppm)	Limit (ppm)	Verdict
11A	Ant1	5180	NV	-30	0.00	0.000000	20	PASS
			NV	-20	-20000.00	-3.861004	20	PASS
			NV	-10	-20000.00	-3.861004	20	PASS
			NV	0	-20000.00	-3.861004	20	PASS
			NV	10	-20000.00	-3.861004	20	PASS
			NV	20	0.00	0.000000	20	PASS
			NV	30	-20000.00	-3.861004	20	PASS
			NV	40	-20000.00	-3.861004	20	PASS
			NV	50	-20000.00	-3.861004	20	PASS
		5200	NV	-30	-20000.00	-3.846154	20	PASS
			NV	-20	-20000.00	-3.846154	20	PASS
			NV	-10	-20000.00	-3.846154	20	PASS
			NV	0	-20000.00	-3.846154	20	PASS
			NV	10	-20000.00	-3.846154	20	PASS
			NV	20	-20000.00	-3.846154	20	PASS
			NV	30	0.00	0.000000	20	PASS
			NV	40	-20000.00	-3.846154	20	PASS
			NV	50	-20000.00	-3.846154	20	PASS
		5240	NV	-30	-20000.00	-3.816794	20	PASS
			NV	-20	-20000.00	-3.816794	20	PASS
			NV	-10	-20000.00	-3.816794	20	PASS
			NV	0	0.00	0.000000	20	PASS
			NV	10	-20000.00	-3.816794	20	PASS
			NV	20	0.00	0.000000	20	PASS
			NV	30	-20000.00	-3.816794	20	PASS
			NV	40	-20000.00	-3.816794	20	PASS
			NV	50	-20000.00	-3.816794	20	PASS
11N20SISO	Ant1	5180	NV	-30	-20000.00	-3.861004	20	PASS
			NV	-20	-20000.00	-3.861004	20	PASS
			NV	-10	0.00	0.000000	20	PASS
			NV	0	0.00	0.000000	20	PASS
			NV	10	-40000.00	-7.722008	20	PASS
			NV	20	-20000.00	-3.861004	20	PASS
			NV	30	-40000.00	-7.722008	20	PASS
			NV	40	0.00	0.000000	20	PASS
			NV	50	-20000.00	-3.861004	20	PASS
		5200	NV	-30	-40000.00	-7.692308	20	PASS
			NV	-20	-20000.00	-3.846154	20	PASS
			NV	-10	-20000.00	-3.846154	20	PASS

			NV	0	-20000.00	-3.846154	20	PASS
			NV	10	0.00	0.000000	20	PASS
			NV	20	0.00	0.000000	20	PASS
			NV	30	-40000.00	-7.692308	20	PASS
			NV	40	-40000.00	-7.692308	20	PASS
			NV	50	0.00	0.000000	20	PASS
		5240	NV	-30	-20000.00	-3.816794	20	PASS
			NV	-20	-40000.00	-7.633588	20	PASS
			NV	-10	-20000.00	-3.816794	20	PASS
			NV	0	-40000.00	-7.633588	20	PASS
			NV	10	0.00	0.000000	20	PASS
			NV	20	0.00	0.000000	20	PASS
			NV	30	-40000.00	-7.633588	20	PASS
			NV	40	0.00	0.000000	20	PASS
			NV	50	-40000.00	-7.633588	20	PASS
11N40SISO	Ant1	5190	NV	-30	-40000.00	-7.707129	20	PASS
			NV	-20	0.00	0.000000	20	PASS
			NV	-10	0.00	0.000000	20	PASS
			NV	0	-40000.00	-7.707129	20	PASS
			NV	10	0.00	0.000000	20	PASS
			NV	20	0.00	0.000000	20	PASS
			NV	30	0.00	0.000000	20	PASS
			NV	40	0.00	0.000000	20	PASS
			NV	50	0.00	0.000000	20	PASS
		5230	NV	-30	-40000.00	-7.648184	20	PASS
			NV	-20	-40000.00	-7.648184	20	PASS
			NV	-10	-40000.00	-7.648184	20	PASS
			NV	0	0.00	0.000000	20	PASS
			NV	10	-40000.00	-7.648184	20	PASS
			NV	20	-40000.00	-7.648184	20	PASS
			NV	30	0.00	0.000000	20	PASS
			NV	40	-40000.00	-7.648184	20	PASS
			NV	50	-40000.00	-7.648184	20	PASS
11AC20SISO	Ant1	5180	NV	-30	-20000.00	-3.861004	20	PASS
			NV	-20	-20000.00	-3.861004	20	PASS
			NV	-10	-20000.00	-3.861004	20	PASS
			NV	0	0.00	0.000000	20	PASS
			NV	10	0.00	0.000000	20	PASS
			NV	20	-20000.00	-3.861004	20	PASS
			NV	30	-20000.00	-3.861004	20	PASS
			NV	40	0.00	0.000000	20	PASS
			NV	50	-20000.00	-3.861004	20	PASS
		5200	NV	-30	-40000.00	-7.692308	20	PASS

			NV	-20	-20000.00	-3.846154	20	PASS
			NV	-10	0.00	0.000000	20	PASS
			NV	0	-20000.00	-3.846154	20	PASS
			NV	10	-20000.00	-3.846154	20	PASS
			NV	20	-20000.00	-3.846154	20	PASS
			NV	30	-20000.00	-3.846154	20	PASS
			NV	40	-20000.00	-3.846154	20	PASS
			NV	50	-20000.00	-3.846154	20	PASS
		5240	NV	-30	-20000.00	-3.816794	20	PASS
			NV	-20	20000.00	3.816794	20	PASS
			NV	-10	-20000.00	-3.816794	20	PASS
			NV	0	0.00	0.000000	20	PASS
			NV	10	-40000.00	-7.633588	20	PASS
			NV	20	-40000.00	-7.633588	20	PASS
			NV	30	-40000.00	-7.633588	20	PASS
			NV	40	-20000.00	-3.816794	20	PASS
			NV	50	-20000.00	-3.816794	20	PASS
11AC40SISO	Ant1	5190	NV	-30	0.00	0.000000	20	PASS
			NV	-20	-40000.00	-7.707129	20	PASS
			NV	-10	-40000.00	-7.707129	20	PASS
			NV	0	0.00	0.000000	20	PASS
			NV	10	0.00	0.000000	20	PASS
			NV	20	-40000.00	-7.707129	20	PASS
			NV	30	0.00	0.000000	20	PASS
			NV	40	0.00	0.000000	20	PASS
			NV	50	0.00	0.000000	20	PASS
		5230	NV	-30	0.00	0.000000	20	PASS
			NV	-20	0.00	0.000000	20	PASS
			NV	-10	-40000.00	-7.648184	20	PASS
			NV	0	0.00	0.000000	20	PASS
			NV	10	-40000.00	-7.648184	20	PASS
			NV	20	0.00	0.000000	20	PASS
			NV	30	0.00	0.000000	20	PASS
			NV	40	0.00	0.000000	20	PASS
			NV	50	-40000.00	-7.648184	20	PASS

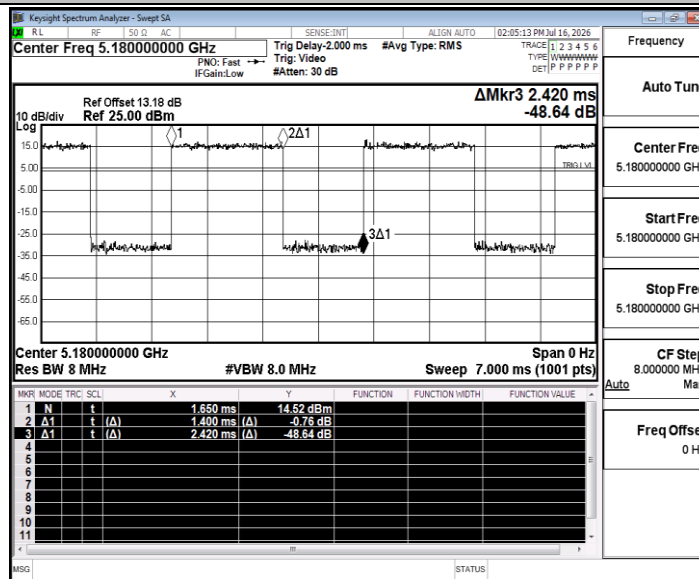
C.6 Duty Cycle

Test Result

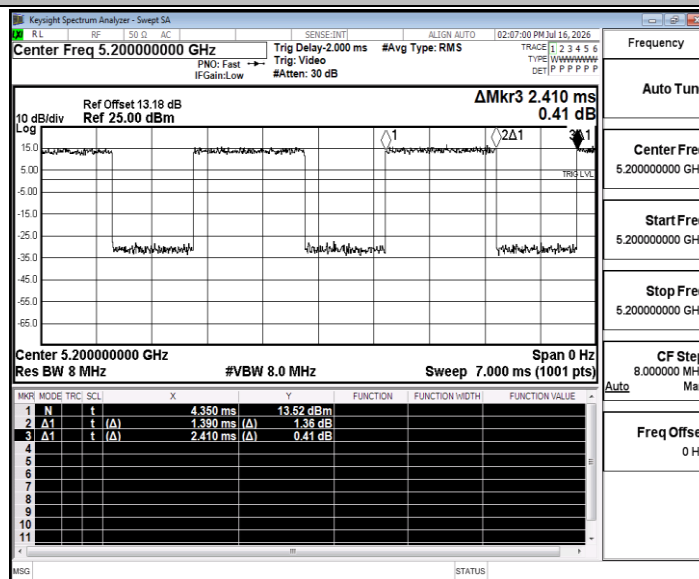
TestMode	Antenna	Freq (MHz)	Transmission Duration [ms]	Transmission Period [ms]	Duty Cycle [%]	DC Factor	Limit	Verdict
11A	Ant1	5180	1.40	2.42	57.85	2.38	---	---
		5200	1.39	2.41	57.68	2.39	---	---
		5240	1.39	2.42	57.44	2.41	---	---
11N20SISO	Ant1	5180	1.30	2.32	56.03	2.52	---	---
		5200	1.31	2.33	56.22	2.50	---	---
		5240	1.30	2.32	56.03	2.52	---	---
11N40SISO	Ant1	5190	0.65	1.67	38.92	4.10	---	---
		5230	0.64	1.66	38.55	4.14	---	---
11AC20SISO	Ant1	5180	1.31	2.33	56.22	2.50	---	---
		5200	1.31	2.34	55.98	2.52	---	---
		5240	1.32	2.34	56.41	2.49	---	---
11AC40SISO	Ant1	5190	0.65	1.67	38.92	4.10	---	---
		5230	0.65	1.67	38.92	4.10	---	---

Test Graphs

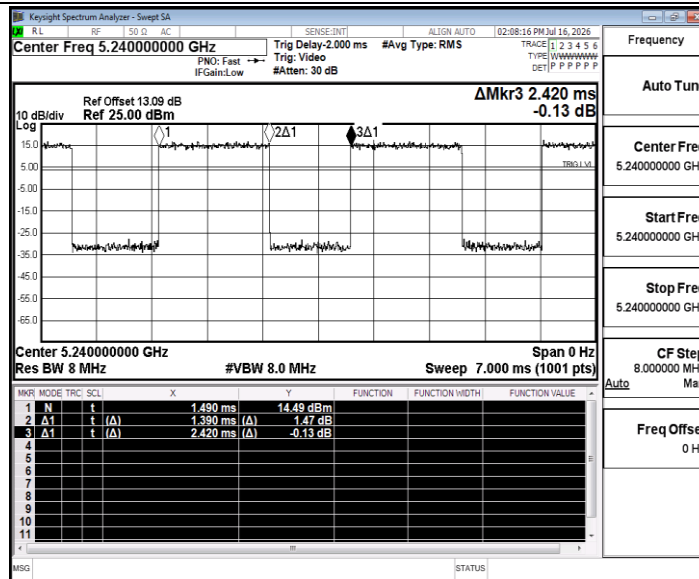
11A_Ant1_5180



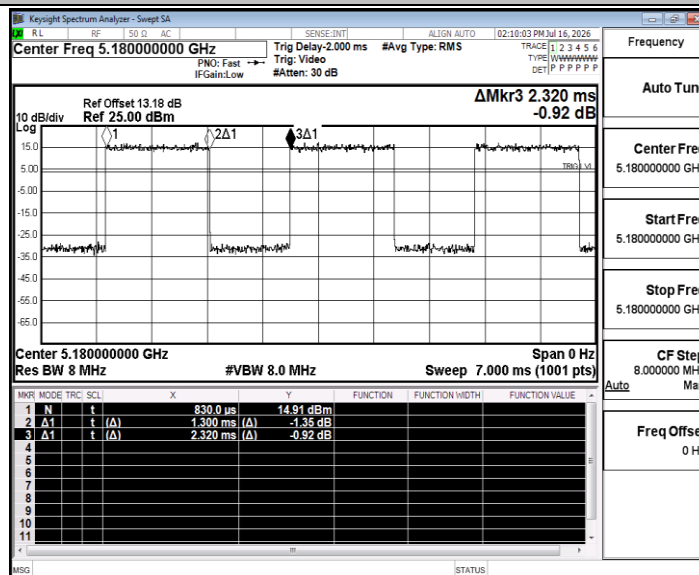
11A_Ant1_5200



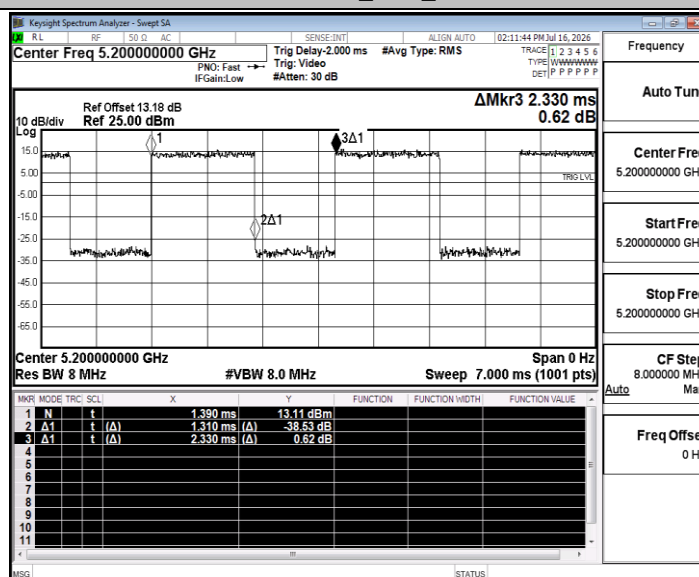
11A_Ant1_5240



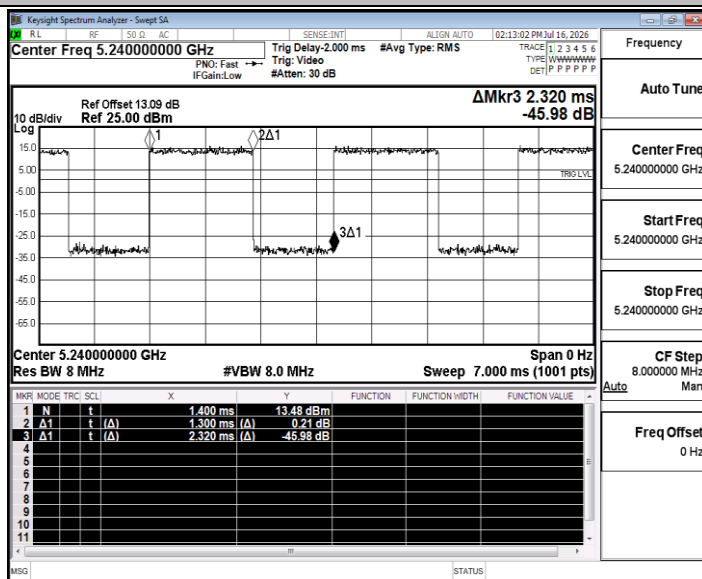
11N20SISO_Ant1_5180



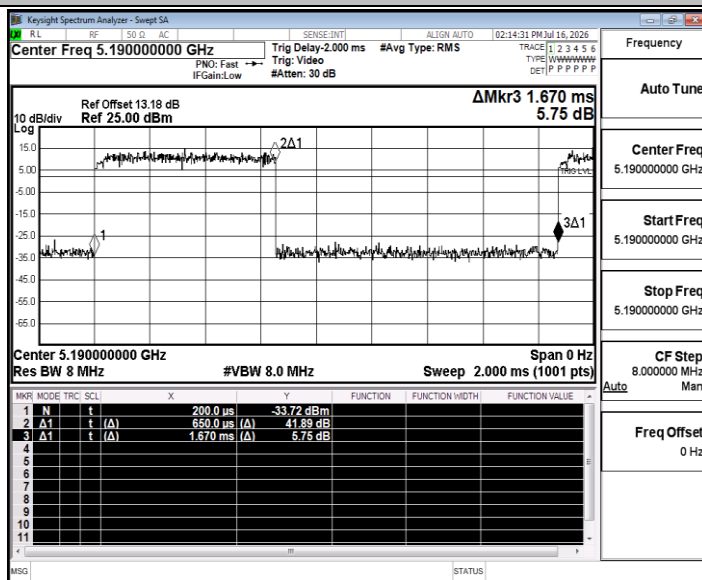
11N20SISO_Ant1_5200



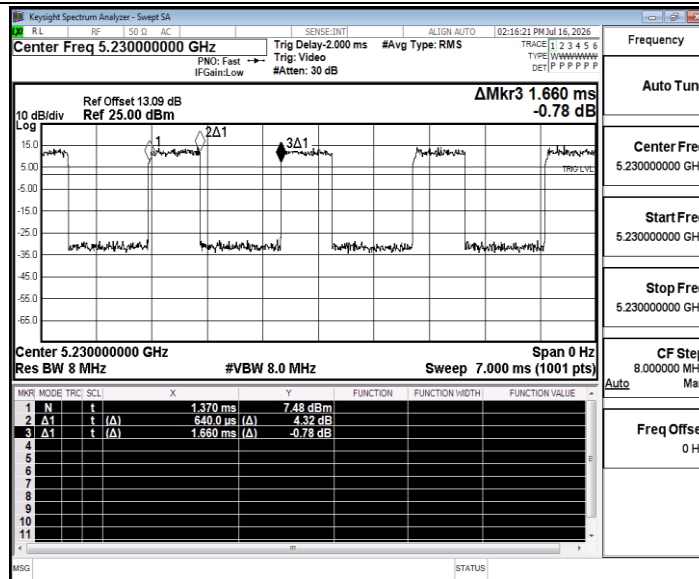
11N20SISO_Ant1_5240



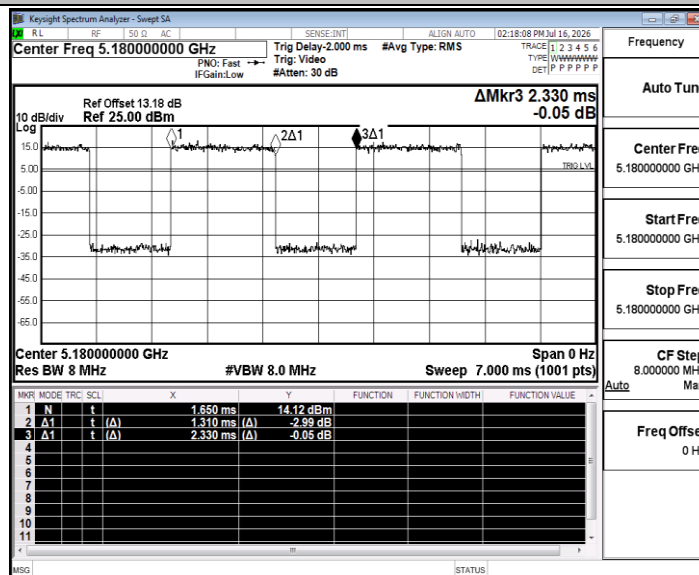
11N40SISO_Ant1_5190



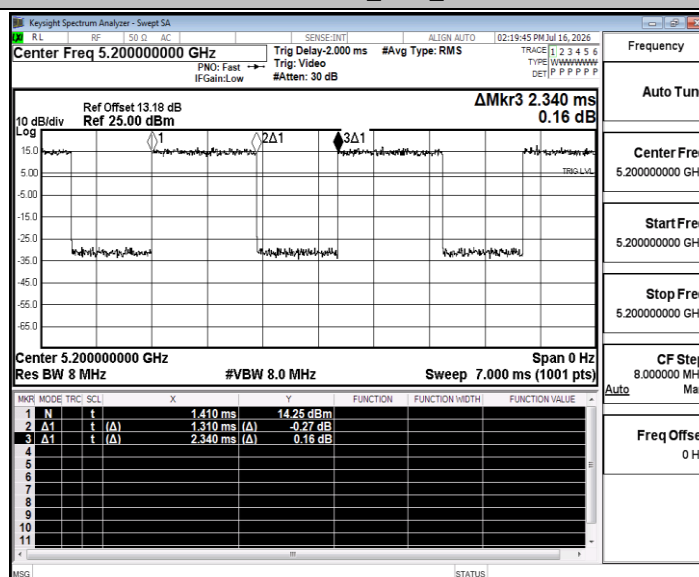
11N40SISO_Ant1_5230



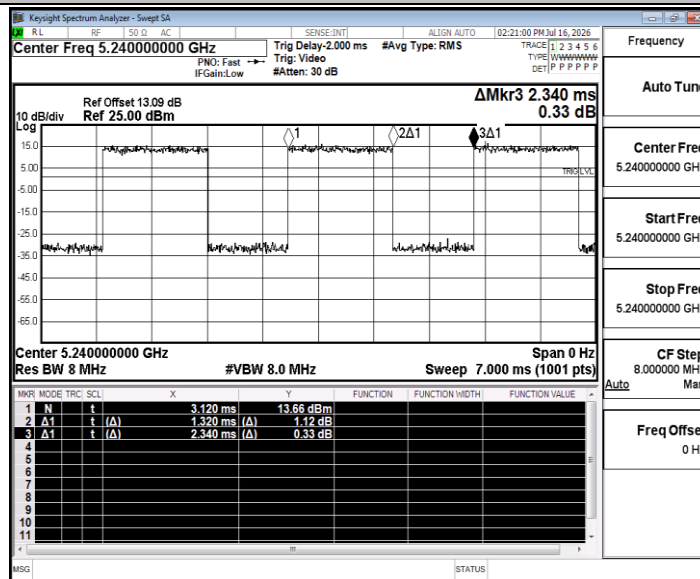
11AC20SISO_Ant1_5180



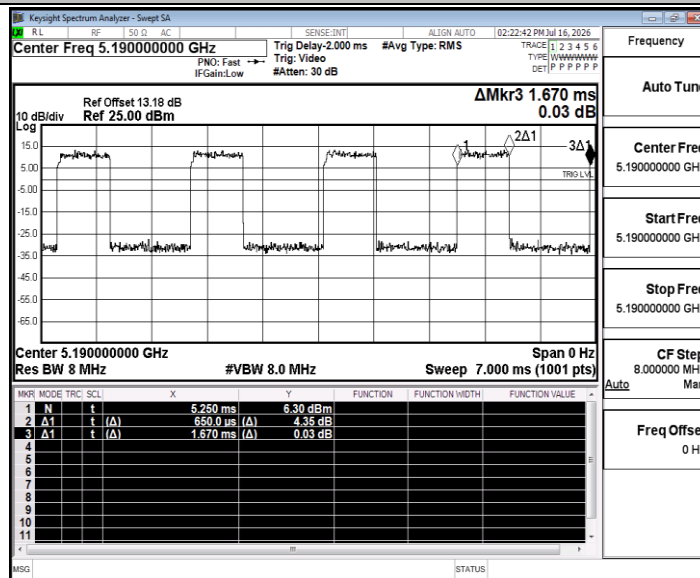
11AC20SISO_Ant1_5200



11AC20SISO_Ant1_5240



11AC40SISO_Ant1_5190



11AC40SISO_Ant1_5230

