



Appendix D

RF Test Data for 5.2G WIFI (Conducted Measurement)

Product Name: OF2021 Control Center

Test Model: UR200878-CB

Environmental Conditions

Temperature:	21.1° C
Relative Humidity:	52.2%
ATM Pressure:	100.0 kPa
Test Engineer:	Carl Fu
Supervised by:	Li Huan



D.1 26dB Bandwidth

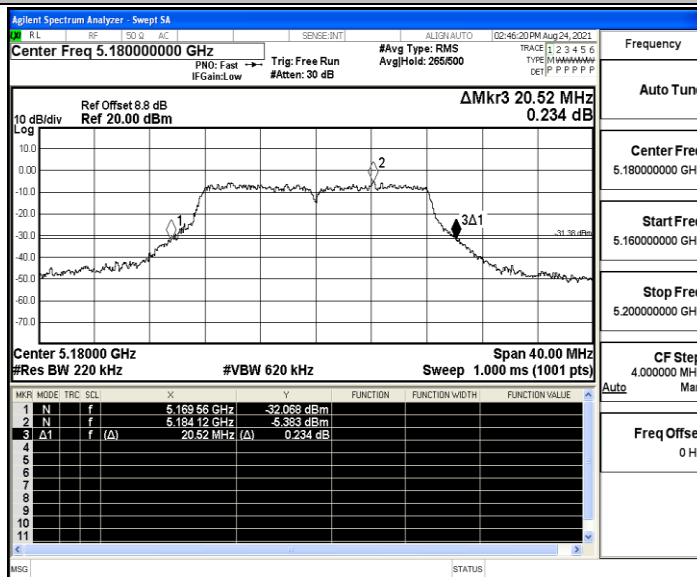
Test Result

TestMode	Antenna	Channel	26db EBW [MHz]	FL[MHz]	FH[MHz]	Limit[MHz]	Verdict
11A	Ant1	5180	20.520	5169.560	5190.080	---	PASS
		5200	20.760	5189.440	5210.200	---	PASS
		5240	20.800	5229.400	5250.200	---	PASS
11N20SISO	Ant1	5180	21.240	5169.400	5190.640	---	PASS
		5200	21.240	5189.440	5210.680	---	PASS
		5240	21.360	5229.280	5250.640	---	PASS
11N40SISO	Ant1	5190	42.080	5168.640	5210.720	---	PASS
		5230	42.160	5208.800	5250.960	---	PASS
11AC20SISO	Ant1	5180	21.160	5169.240	5190.400	---	PASS
		5200	21.080	5189.280	5210.360	---	PASS
		5240	21.000	5229.400	5250.400	---	PASS
11AC40SISO	Ant1	5190	42.400	5168.880	5211.280	---	PASS
		5230	42.480	5208.800	5251.280	---	PASS
11AC80SISO	Ant1	5210	82.400	5168.880	5251.280	---	PASS

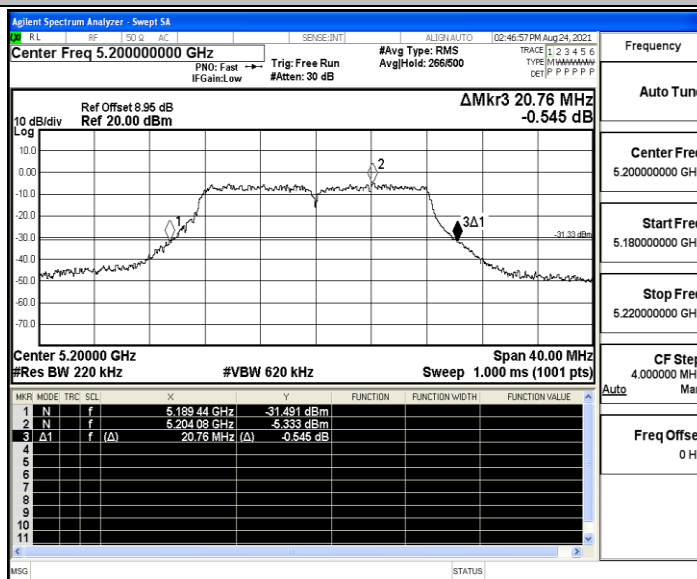


Test Graphs

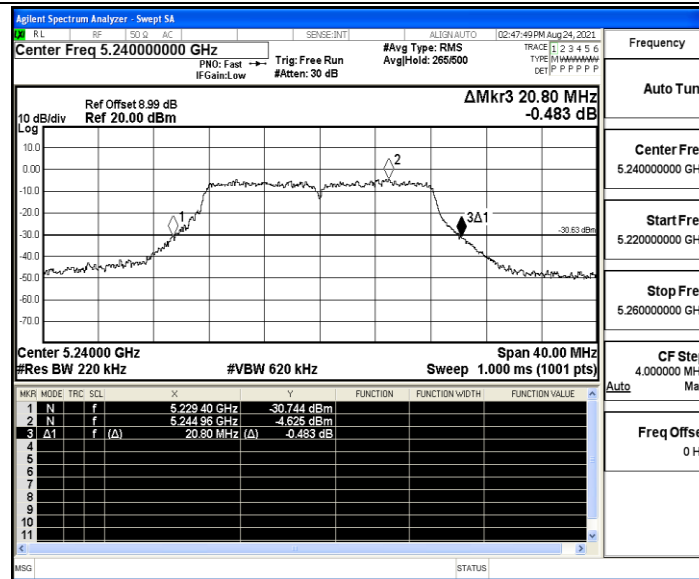
11A_Ant1_5180



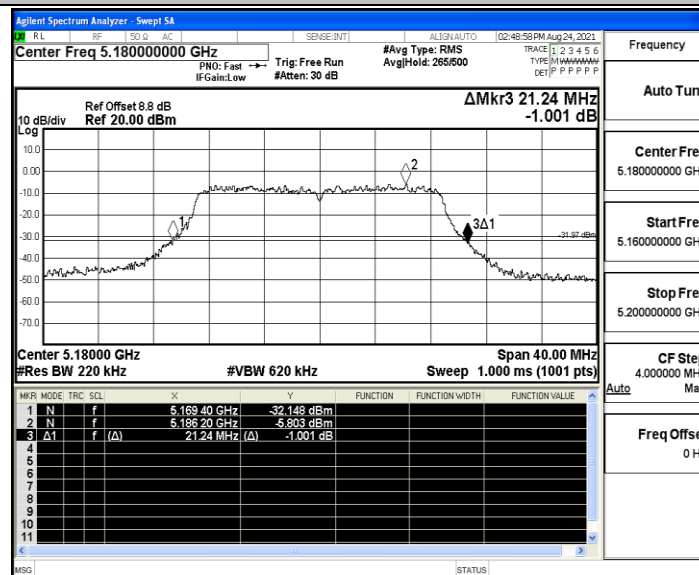
11A_Ant1_5200



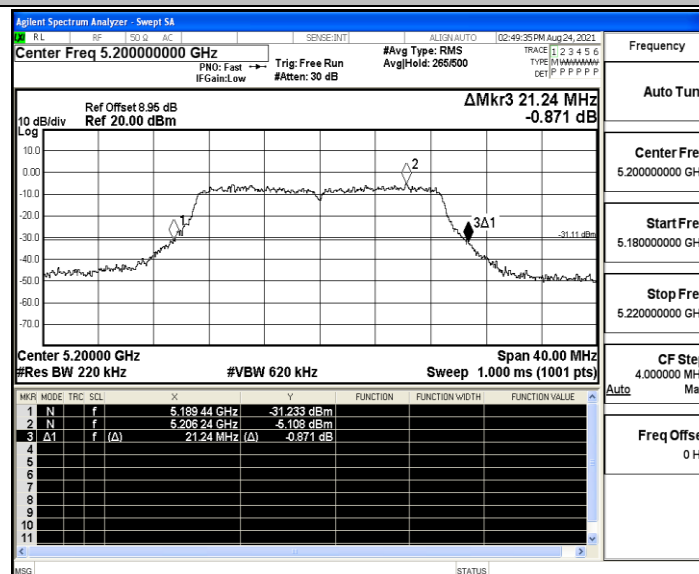
11A_Ant1_5240



11N20SISO_Ant1_5180

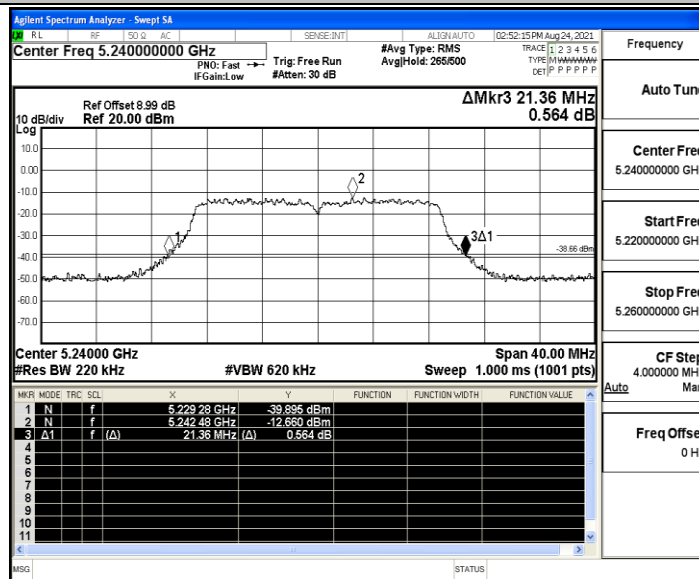


11N20SISO_Ant1_5200

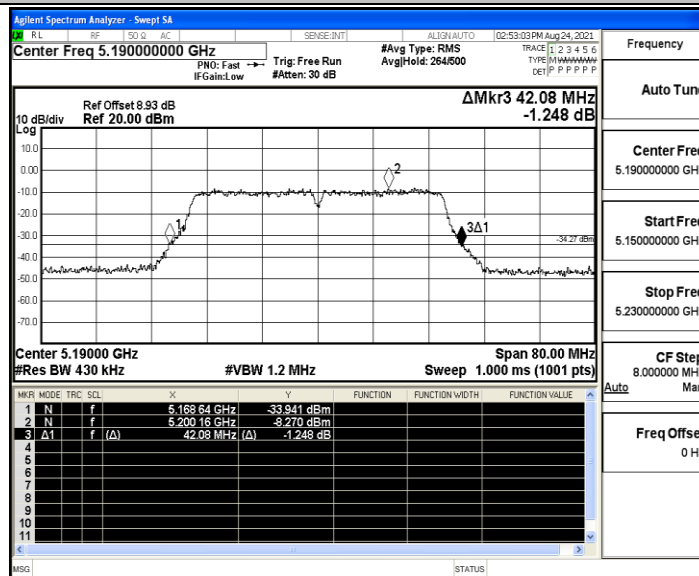




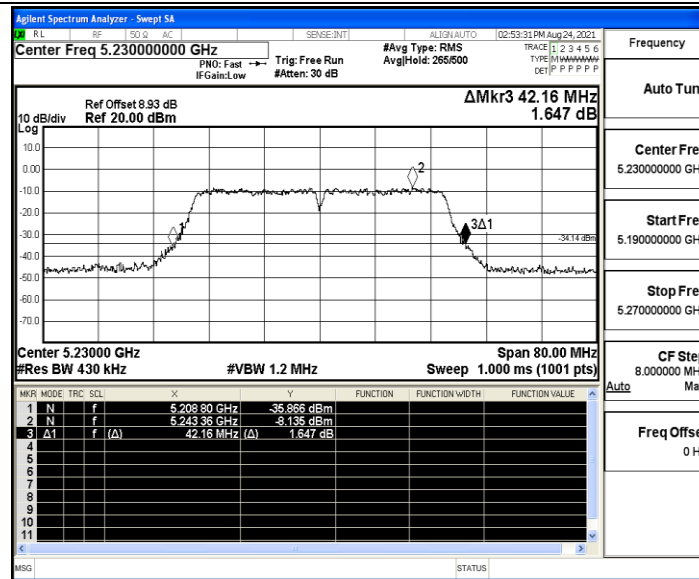
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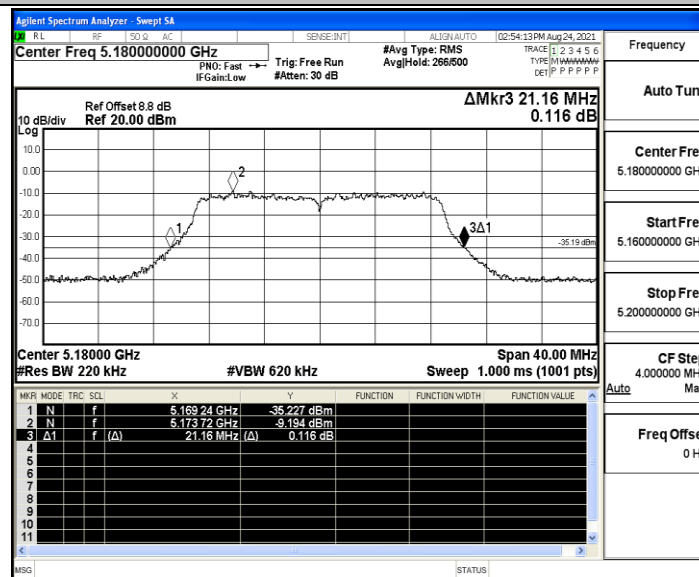
11N40SISO_Ant1_5190



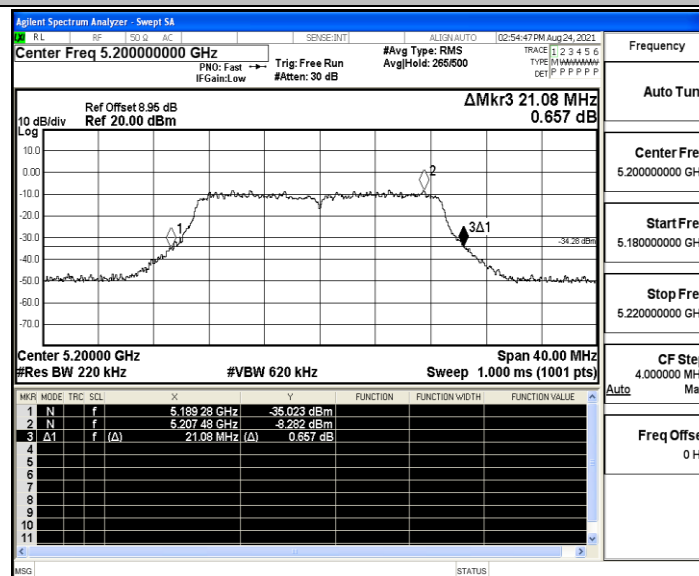
11N40SISO_Ant1_5230



11AC20SISO_Ant1_5180

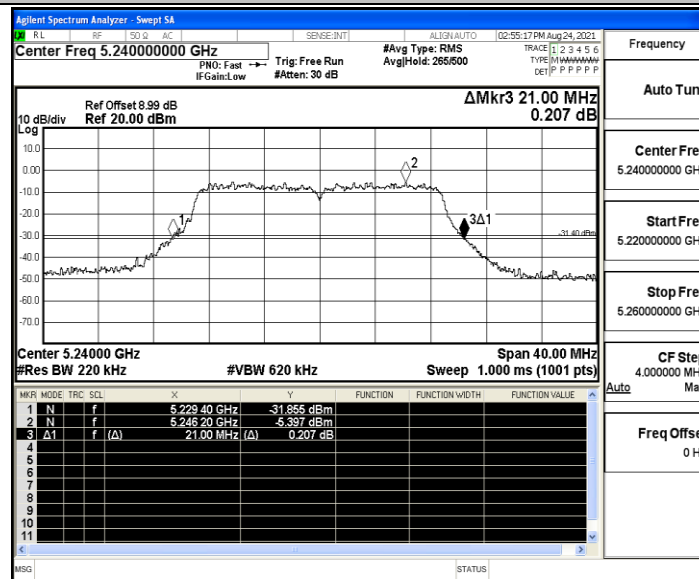


11AC20SISO_Ant1_5200

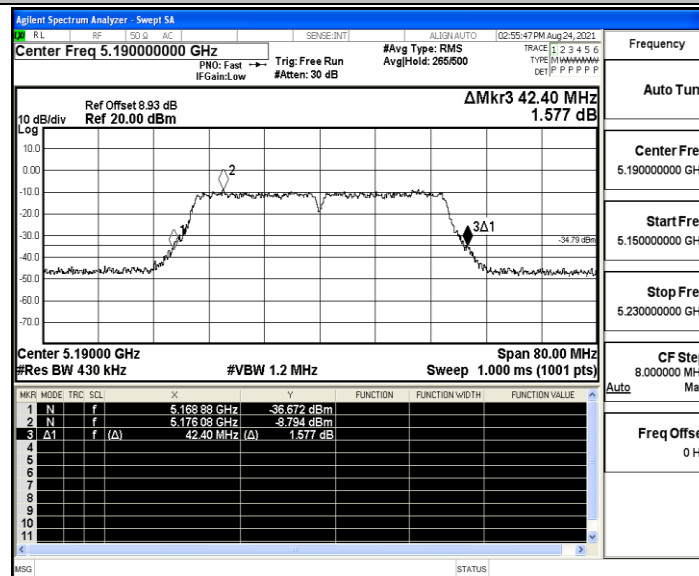




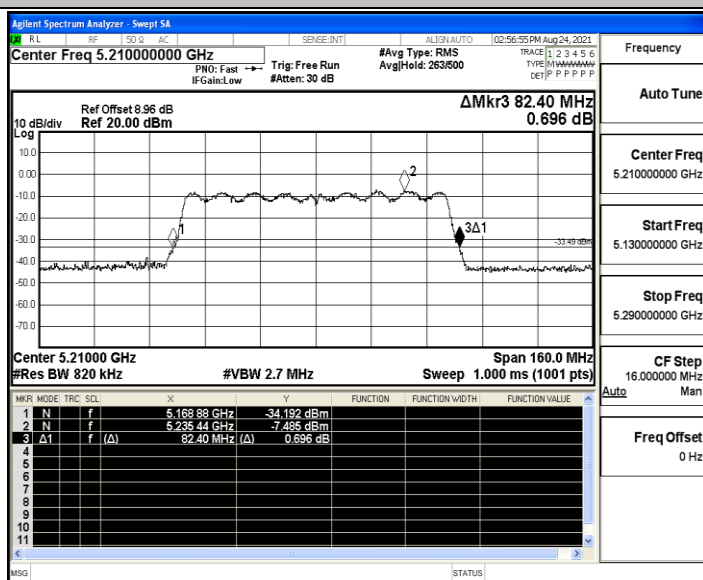
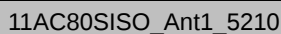
11AC20SISO_Ant1_5240



11AC40SISO_Ant1_5190



11AC40SISO_Ant1_5230





D.2 Maximum conducted output power

Test Result

TestMode	Channel	Result[dBm]	Limit[dBm]	Verdict
11A	5180	10.92	≤ 24	PASS
	5200	12.39	≤ 24	PASS
	5240	12.89	≤ 24	PASS
11N20SISO	5180	10.71	≤ 24	PASS
	5200	11.36	≤ 24	PASS
	5240	12.03	≤ 24	PASS
11N40SISO	5190	11.76	≤ 24	PASS
	5230	11.33	≤ 24	PASS
11AC20SISO	5180	10.63	≤ 24	PASS
	5200	11.10	≤ 24	PASS
	5240	11.45	≤ 24	PASS
11AC40SISO	5190	11.36	≤ 24	PASS
	5230	12.19	≤ 24	PASS
11AC80SISO	5210	12.12	≤ 24	PASS

Note: The Duty Cycle Factor is compensated in the graph.

The EUT is mobile client device.



D.3 Maximum power spectral density

Test Result

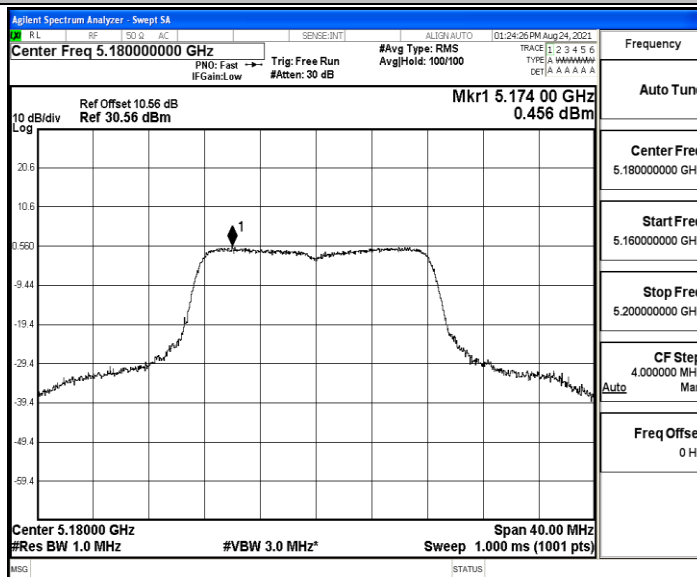
TestMode	Antenna	Channel	Result [dBm/MHz]	Limit[dBm/MHz]	Verdict
11A	Ant1	5180	0.46	≤ 11	PASS
		5200	0.58	≤ 11	PASS
		5240	1.37	≤ 11	PASS
11N20SISO	Ant1	5180	-0.33	≤ 11	PASS
		5200	0.28	≤ 11	PASS
		5240	0.81	≤ 11	PASS
11N40SISO	Ant1	5190	-2.13	≤ 11	PASS
		5230	-2.26	≤ 11	PASS
11AC20SISO	Ant1	5180	-0.16	≤ 11	PASS
		5200	-0.36	≤ 11	PASS
		5240	0.55	≤ 11	PASS
11AC40SISO	Ant1	5190	-1.84	≤ 11	PASS
		5230	-1.51	≤ 11	PASS
11AC80SISO	Ant1	5210	-3.74	≤ 11	PASS

Note: The EUT is mobile client device.

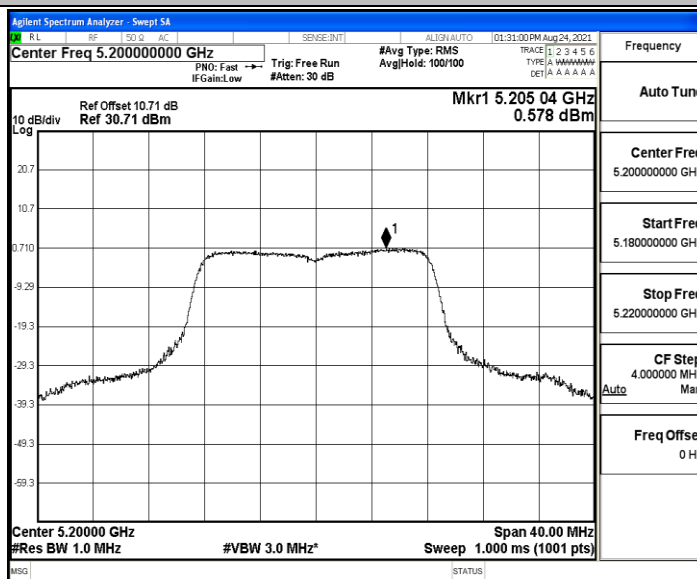


Test Graphs

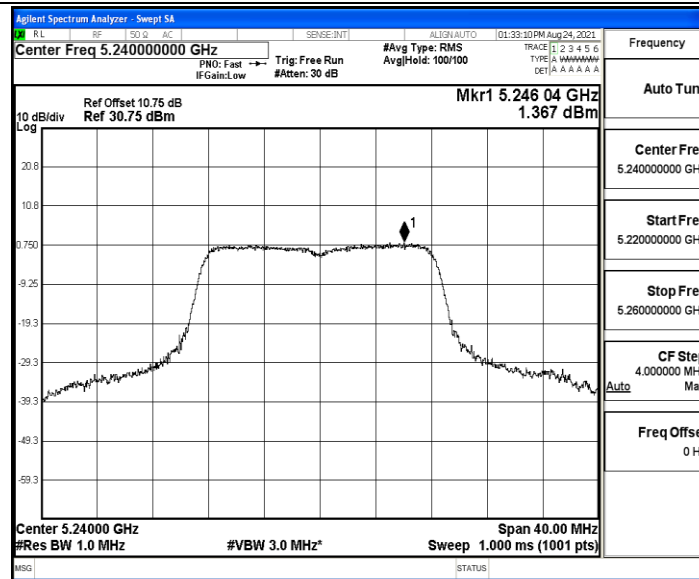
11A_Ant1_5180



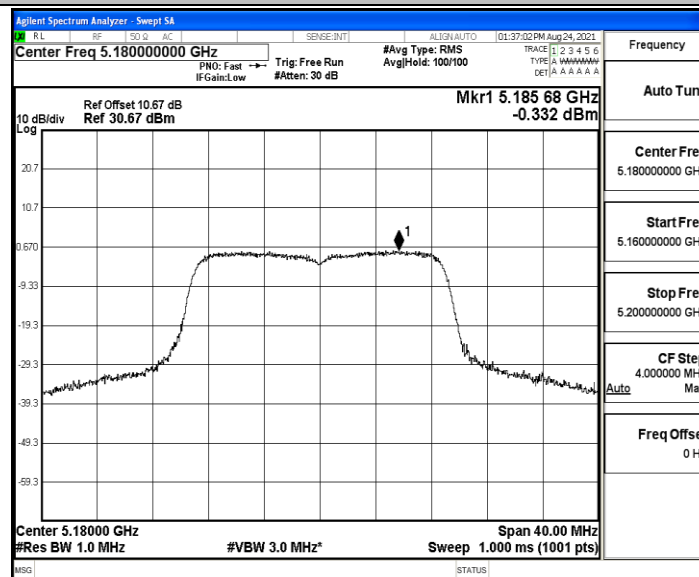
11A_Ant1_5200



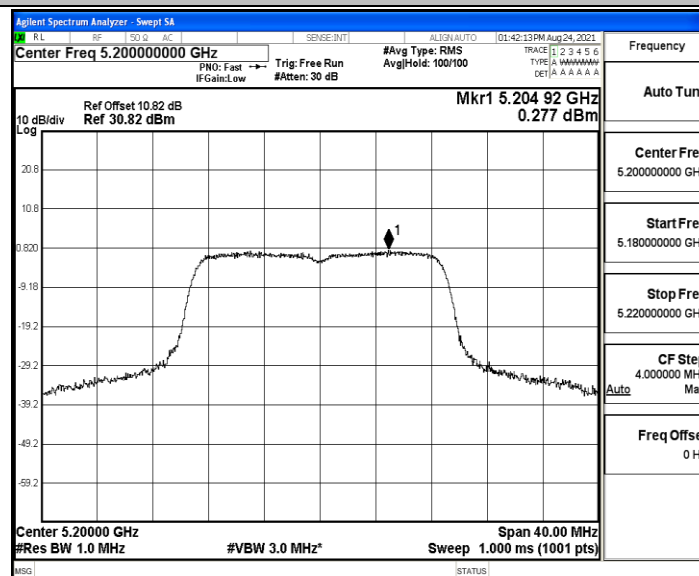
11A_Ant1_5240



11N20SISO_Ant1_5180

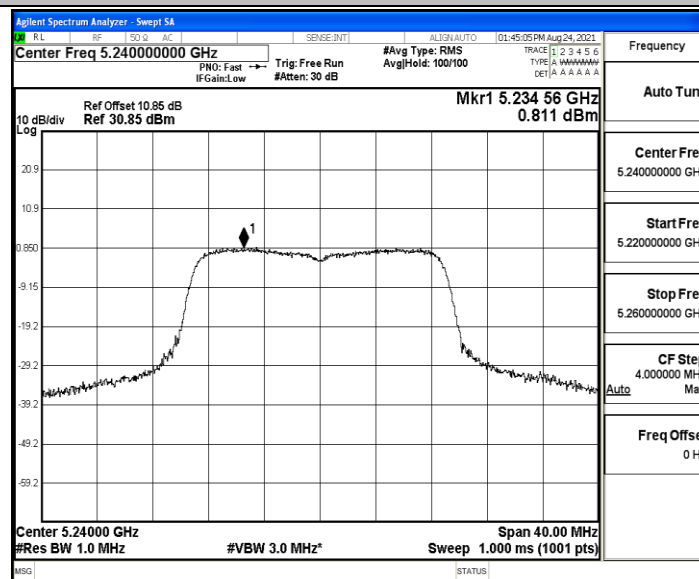


11N20SISO_Ant1_5200

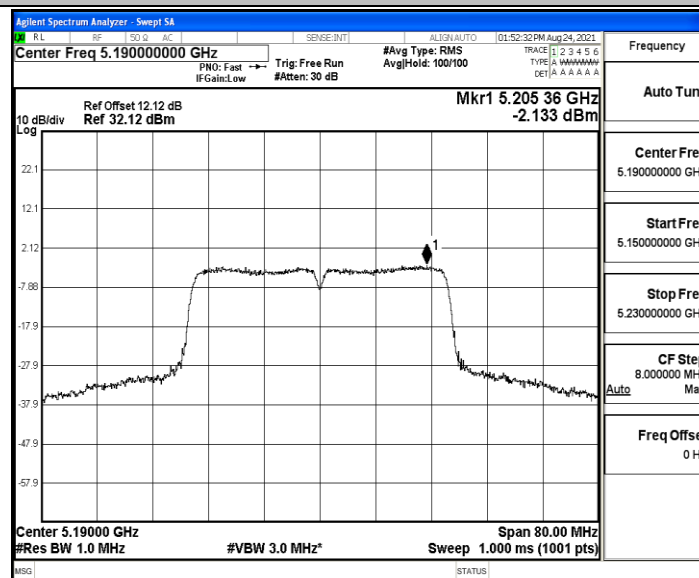




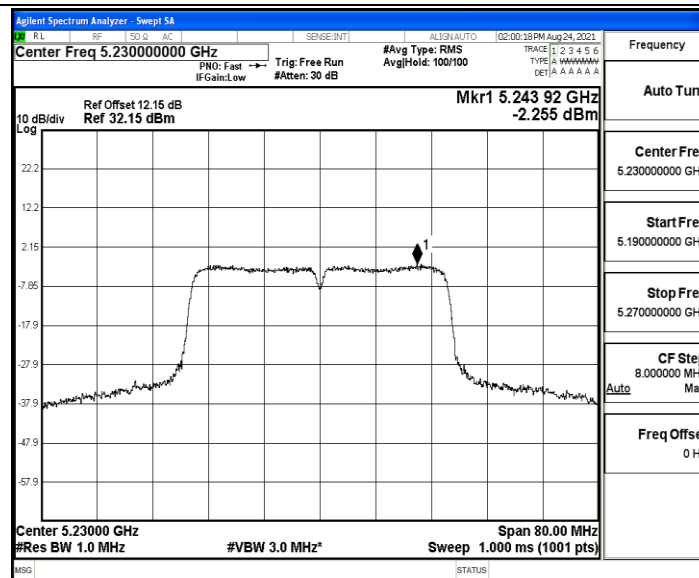
11N20SISO_Ant1_5240



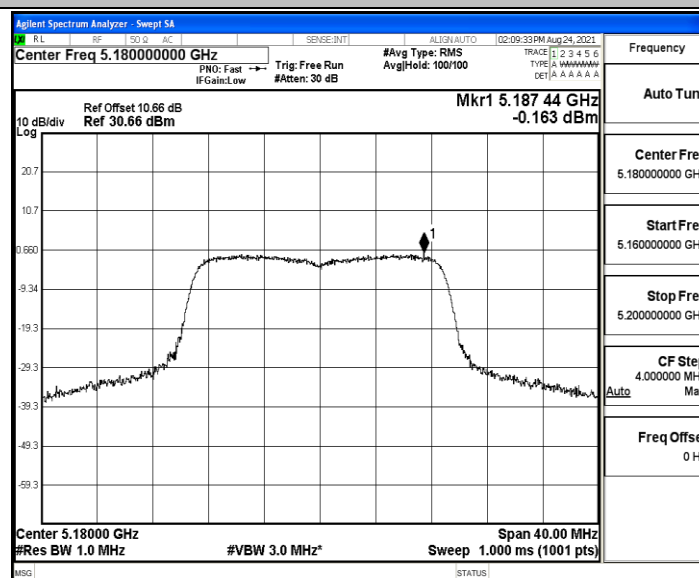
11N40SISO_Ant1_5190



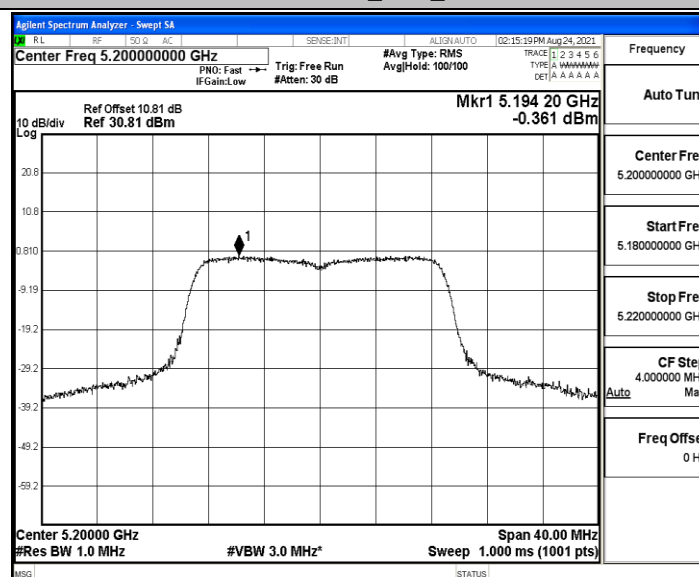
11N40SISO_Ant1_5230



11AC20SISO_Ant1_5180

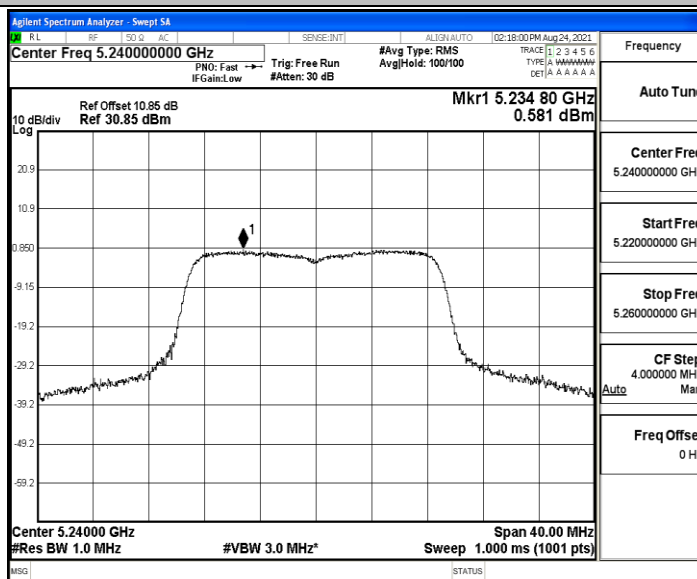


11AC20SISO_Ant1_5200

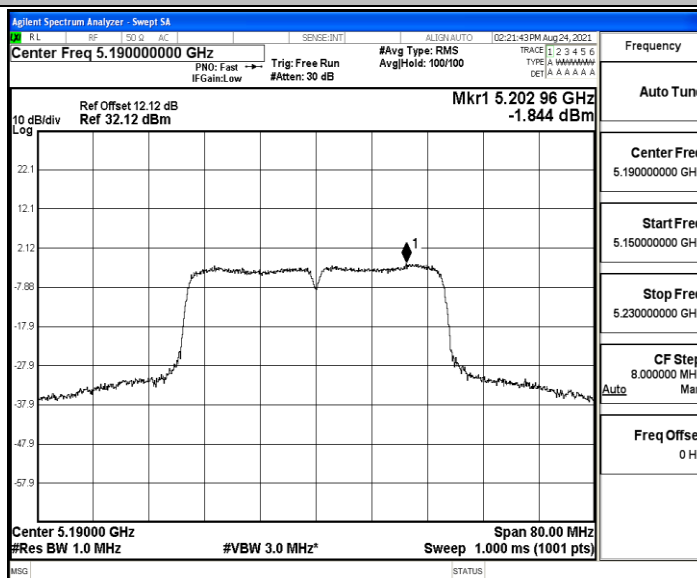




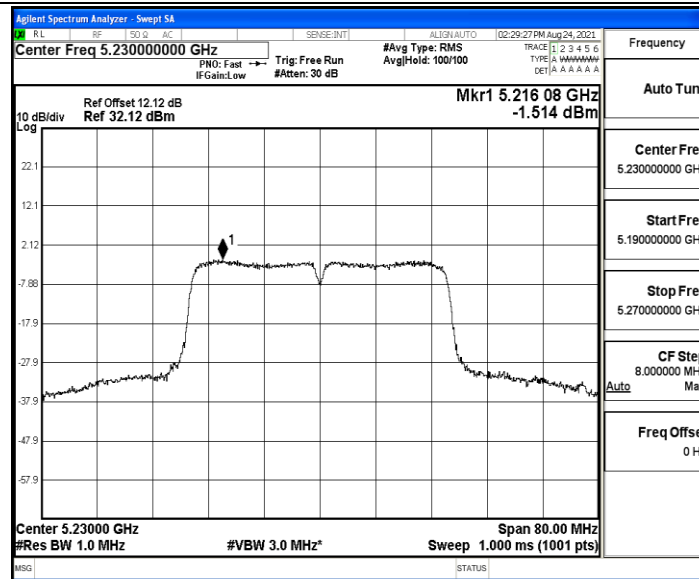
11AC20SISO_Ant1_5240



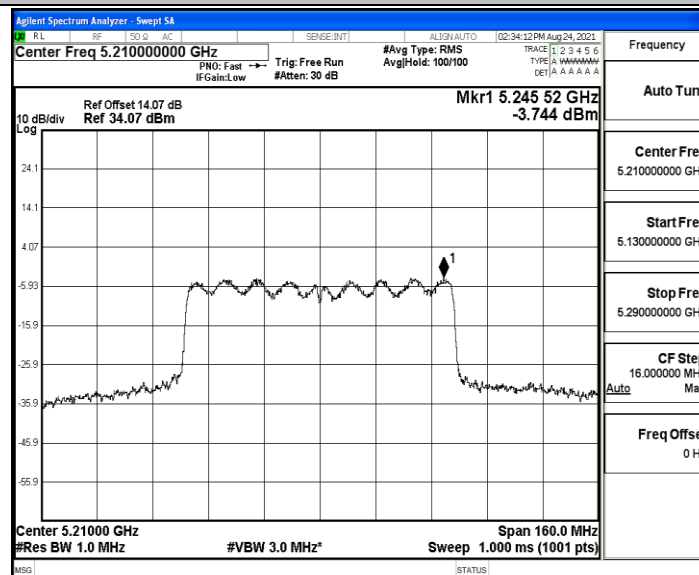
11AC40SISO_Ant1_5190



11AC40SISO_Ant1_5230



11AC80SISO_Ant1_5210





D.4 Emissions in Restricted Bands

Test Result

TestMode	Channel	Detector	Freq. [MHz]	Result [dBm]	Limit [dBm]	Result [dBuV/m]	Limit [dBuV/m]	Verdict
11A	5180	AV	4500.000	-49.58	≤-41.20	45.62	≤54	PASS
		AV	5149.600	-44.54	≤-41.20	50.66	≤54	PASS
		AV	5150.000	-44.27	≤-41.20	50.93	≤54	PASS
		Peak	4500.000	-42	≤-21.20	53.20	≤74	PASS
		Peak	5149.600	-34.61	≤-21.20	60.59	≤74	PASS
		Peak	5150.000	-37.22	≤-21.20	57.98	≤74	PASS
	5240	AV	5350.000	-47.79	≤-41.20	47.41	≤54	PASS
		AV	5376.000	-47.53	≤-41.20	47.67	≤54	PASS
		AV	5460.000	-47.74	≤-41.20	47.46	≤54	PASS
		Peak	5350.000	-41.1	≤-21.20	54.10	≤74	PASS
		Peak	5366.160	-38.31	≤-21.20	56.89	≤74	PASS
		Peak	5460.000	-40.18	≤-21.20	55.02	≤74	PASS
11N20SIS O	5180	AV	4500.000	-49.5	≤-41.20	45.70	≤54	PASS
		AV	5149.600	-44.03	≤-41.20	51.17	≤54	PASS
		AV	5150.000	-43.68	≤-41.20	51.52	≤54	PASS
		Peak	4500.000	-42.95	≤-21.20	52.25	≤74	PASS
		Peak	5146.100	-33.46	≤-21.20	61.74	≤74	PASS
		Peak	5150.000	-36.05	≤-21.20	59.15	≤74	PASS
	5240	AV	5350.000	-47.68	≤-41.20	47.52	≤54	PASS
		AV	5445.120	-47.51	≤-41.20	47.69	≤54	PASS
		AV	5460.000	-47.79	≤-41.20	47.41	≤54	PASS
		Peak	5350.000	-41.39	≤-21.20	53.81	≤74	PASS
		Peak	5389.680	-37.64	≤-21.20	57.56	≤74	PASS
		Peak	5460.000	-39.25	≤-21.20	55.95	≤74	PASS
11N40SIS O	5190	AV	4500.000	-49.27	≤-41.20	45.93	≤54	PASS
		AV	5149.600	-42.24	≤-41.20	52.96	≤54	PASS
		AV	5150.000	-41.99	≤-41.20	53.21	≤54	PASS
		Peak	4500.000	-42.55	≤-21.20	52.65	≤74	PASS
		Peak	5149.600	-32.79	≤-21.20	62.41	≤74	PASS
		Peak	5150.000	-33.52	≤-21.20	61.68	≤74	PASS
	5230	AV	5350.000	-47.61	≤-41.20	47.59	≤54	PASS
		AV	5399.680	-47.27	≤-41.20	47.93	≤54	PASS
		AV	5460.000	-47.29	≤-41.20	47.91	≤54	PASS
		Peak	5350.000	-41.73	≤-21.20	53.47	≤74	PASS
		Peak	5360.940	-37.62	≤-21.20	57.58	≤74	PASS
		Peak	5460.000	-41.01	≤-21.20	54.19	≤74	PASS



11AC20SI SO	5180	AV	4500.000	-49.58	≤ -41.20	45.62	≤ 54	PASS
		AV	5149.600	-44.27	≤ -41.20	50.93	≤ 54	PASS
		AV	5150.000	-43.88	≤ -41.20	51.32	≤ 54	PASS
		Peak	4500.000	-42.64	≤ -21.20	52.56	≤ 74	PASS
		Peak	5147.500	-33.71	≤ -21.20	61.49	≤ 74	PASS
		Peak	5150.000	-36.89	≤ -21.20	58.31	≤ 74	PASS
	5240	AV	5350.000	-48.07	≤ -41.20	47.13	≤ 54	PASS
		AV	5397.600	-47.87	≤ -41.20	47.33	≤ 54	PASS
		AV	5460.000	-48.2	≤ -41.20	47.00	≤ 54	PASS
		Peak	5350.000	-41.5	≤ -21.20	53.70	≤ 74	PASS
		Peak	5432.160	-37.36	≤ -21.20	57.84	≤ 74	PASS
		Peak	5460.000	-40.38	≤ -21.20	54.82	≤ 74	PASS
11AC40SI SO	5190	AV	4500.000	-49.14	≤ -41.20	46.06	≤ 54	PASS
		AV	5149.600	-42.52	≤ -41.20	52.68	≤ 54	PASS
		AV	5150.000	-42.15	≤ -41.20	53.05	≤ 54	PASS
		Peak	4500.000	-42.94	≤ -21.20	52.26	≤ 74	PASS
		Peak	5149.600	-33.83	≤ -21.20	61.37	≤ 74	PASS
		Peak	5150.000	-35.48	≤ -21.20	59.72	≤ 74	PASS
	5230	AV	5350.000	-47.91	≤ -41.20	47.29	≤ 54	PASS
		AV	5405.140	-47.59	≤ -41.20	47.61	≤ 54	PASS
		AV	5460.000	-48.13	≤ -41.20	47.07	≤ 54	PASS
		Peak	5350.000	-41.16	≤ -21.20	54.04	≤ 74	PASS
		Peak	5394.220	-38.2	≤ -21.20	57.00	≤ 74	PASS
		Peak	5460.000	-41.08	≤ -21.20	54.12	≤ 74	PASS
11AC80SI SO	5210	AV	4500.000	-48.86	≤ -41.20	46.34	≤ 54	PASS
		AV	5149.500	-43.16	≤ -41.20	52.04	≤ 54	PASS
		AV	5150.000	-43.4	≤ -41.20	51.80	≤ 54	PASS
		Peak	4500.000	-40.7	≤ -21.20	54.50	≤ 74	PASS
		Peak	5135.250	-35.27	≤ -21.20	59.93	≤ 74	PASS
		Peak	5150.000	-37.98	≤ -21.20	57.22	≤ 74	PASS
	5210	AV	5350.000	-46.37	≤ -41.20	48.83	≤ 54	PASS
		AV	5350.520	-46.21	≤ -41.20	48.99	≤ 54	PASS
		AV	5460.000	-47.62	≤ -41.20	47.58	≤ 54	PASS
		Peak	5350.000	-38	≤ -21.20	57.20	≤ 74	PASS
		Peak	5356.960	-37	≤ -21.20	58.20	≤ 74	PASS
		Peak	5460.000	-40.88	≤ -21.20	54.32	≤ 74	PASS

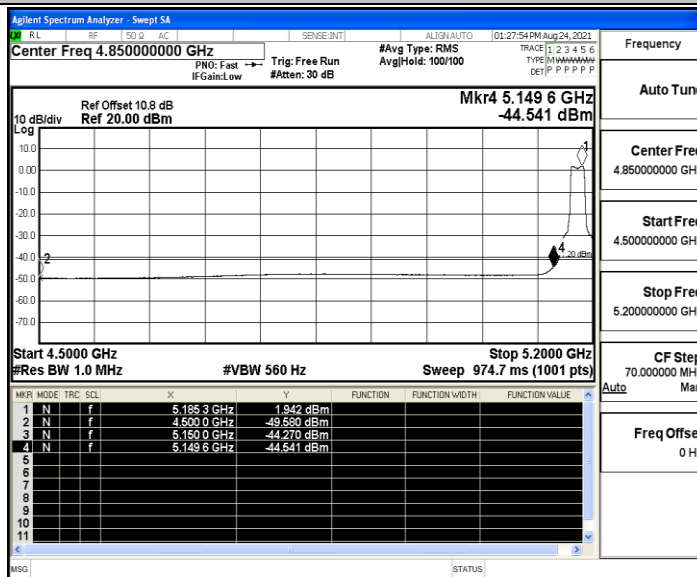
Note:

1. The Antenna Gain is compensated in the graph.
2. 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.

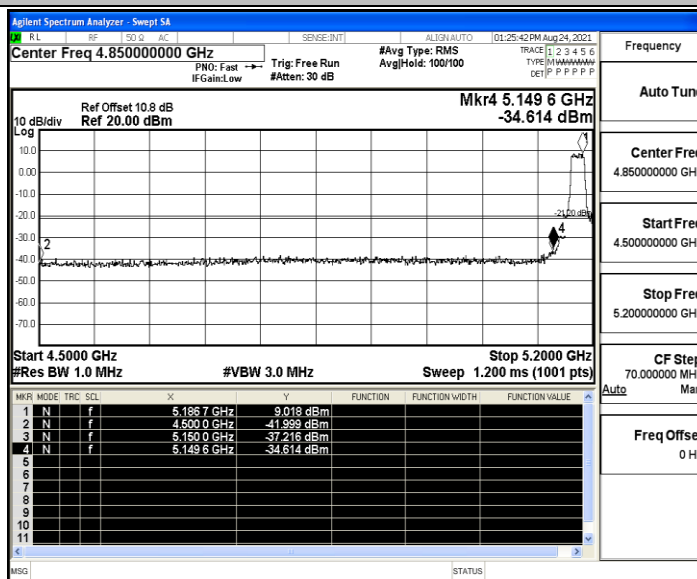


Test Graphs

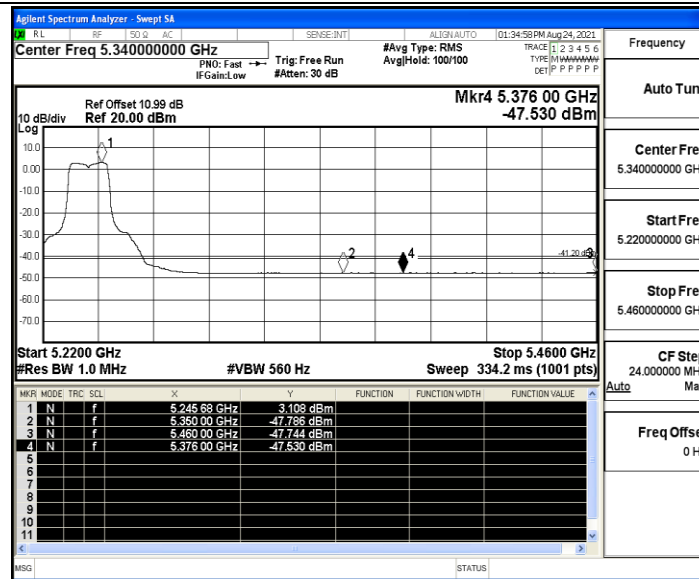
11A_Ant1_Low_5180_AV



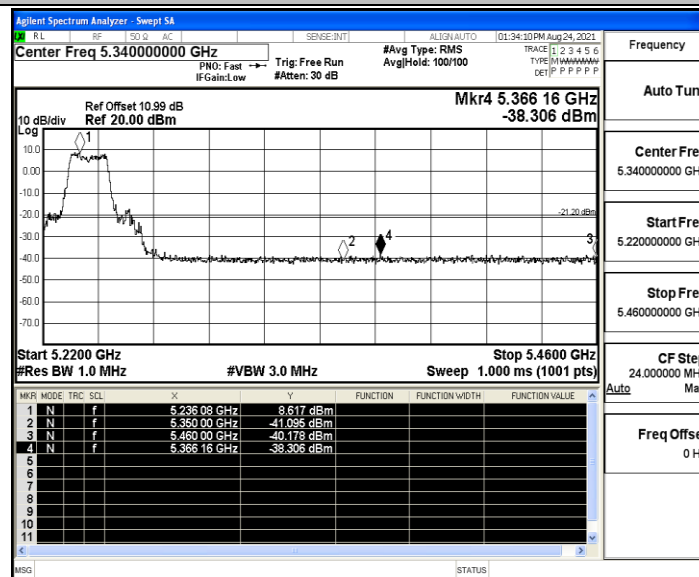
11A_Ant1_Low_5180_Peak



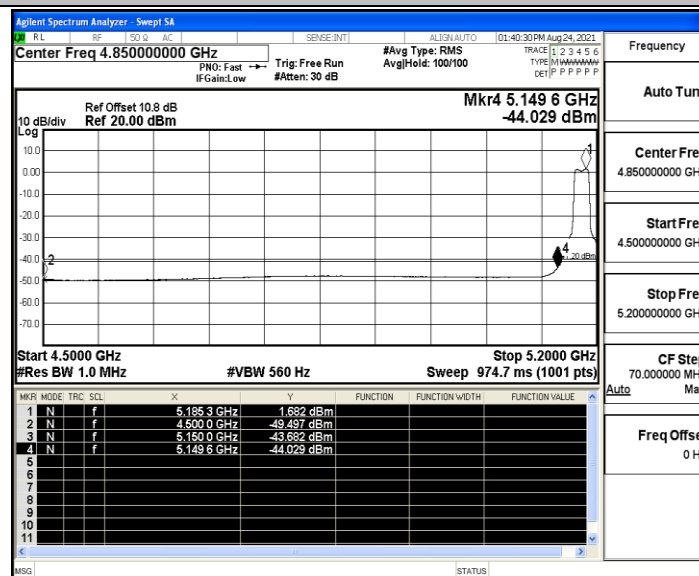
11A_Ant1_High_5240_AV



11A_Ant1_High_5240_Peak

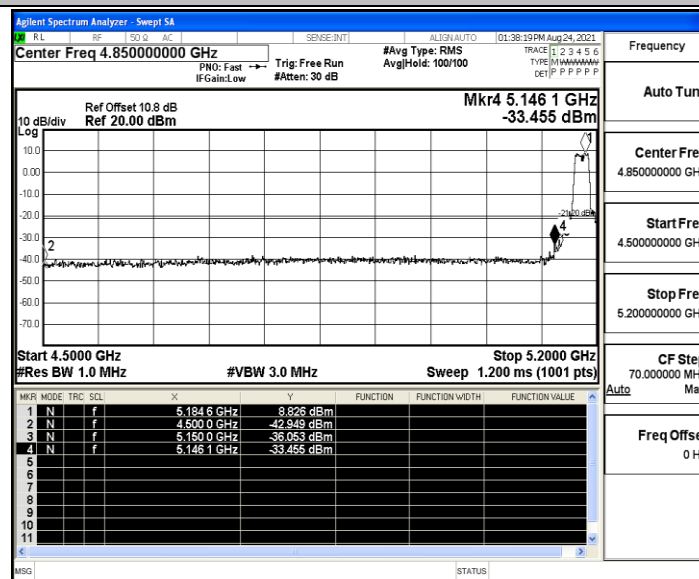


11N20SISO_Ant1_Low_5180_AV

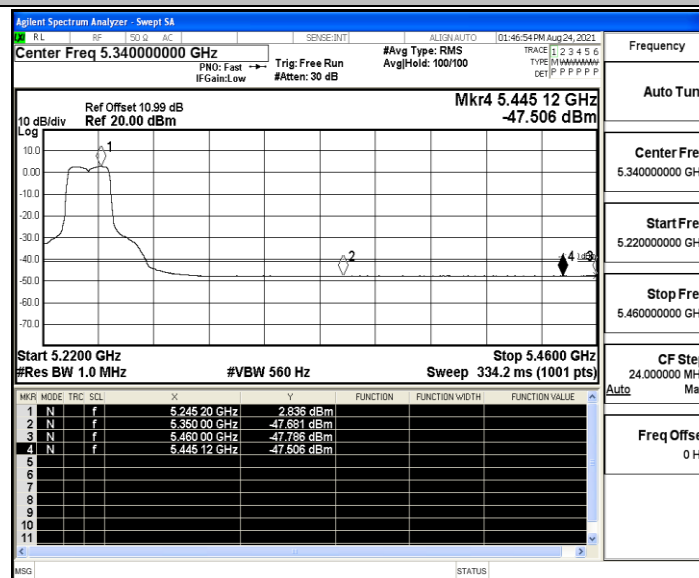




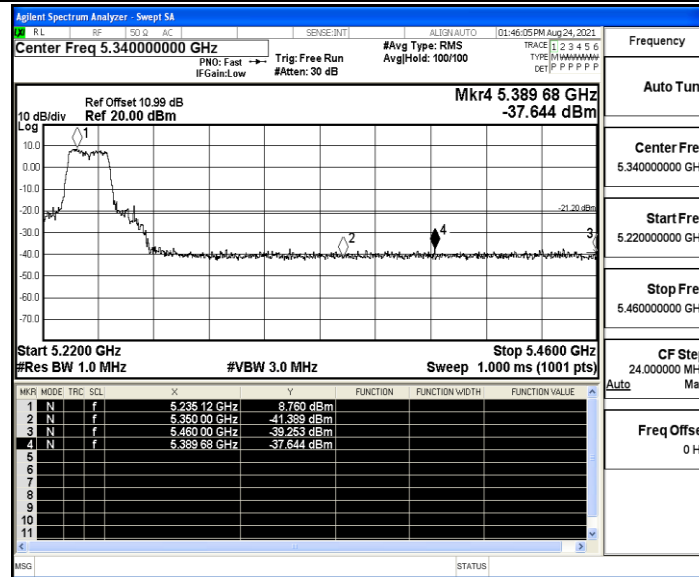
11N20SISO_Ant1_Low_5180_Peak



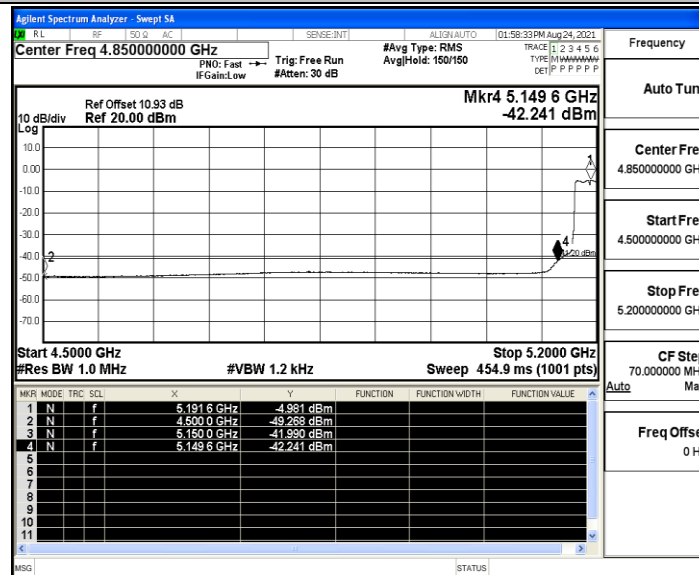
11N20SISO_Ant1_High_5240_AV



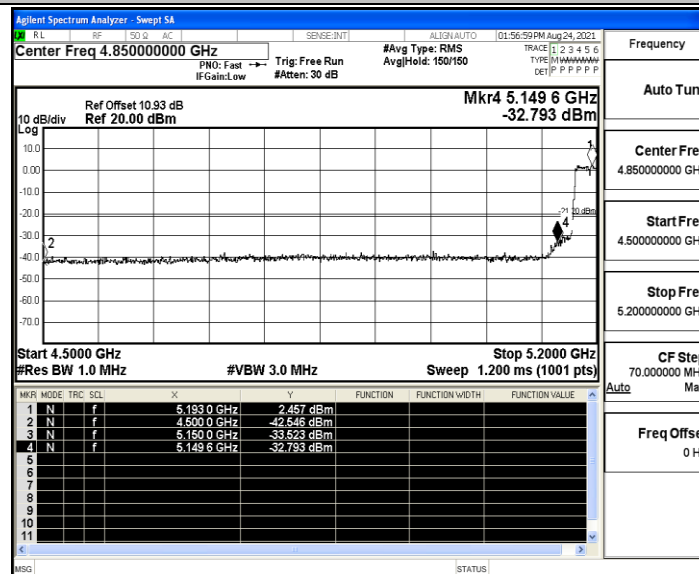
11N20SISO_Ant1_High_5240_Peak



11N40SISO_Ant1_Low_5190_AV

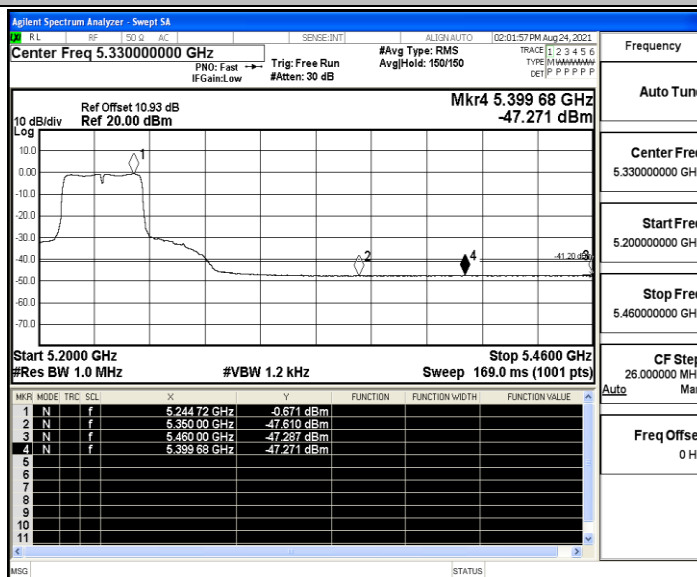


11N40SISO_Ant1_Low_5190_Peak

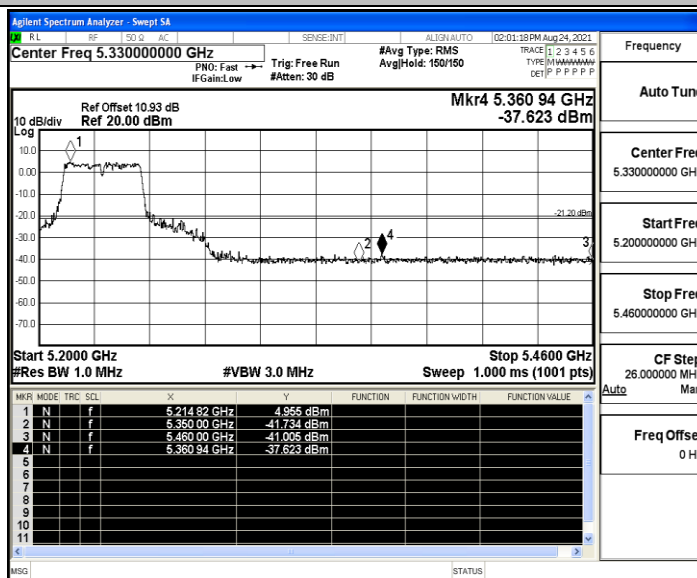




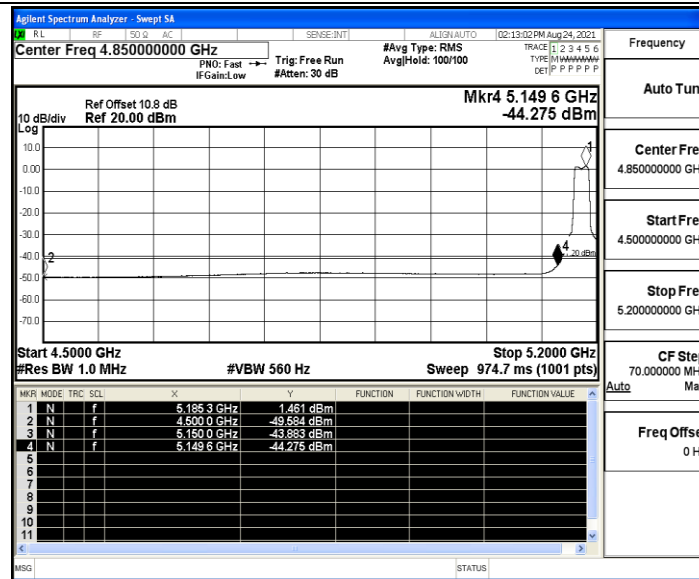
11N40SISO_Ant1_High_5230_AV



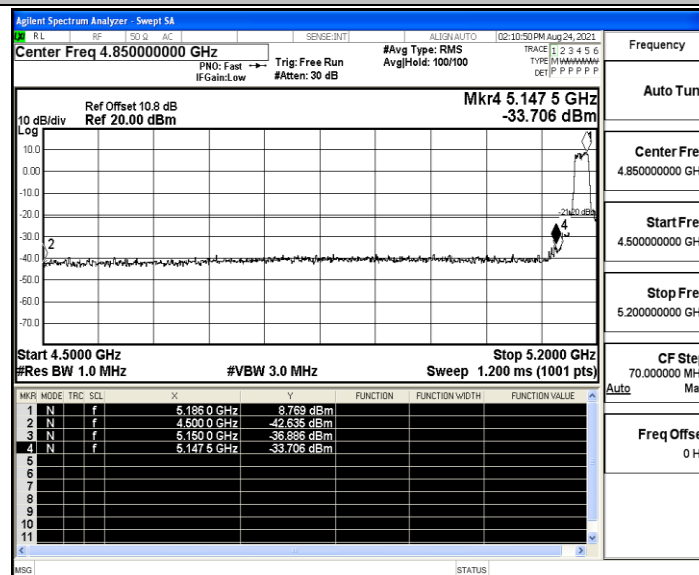
11N40SISO_Ant1_High_5230_Peak



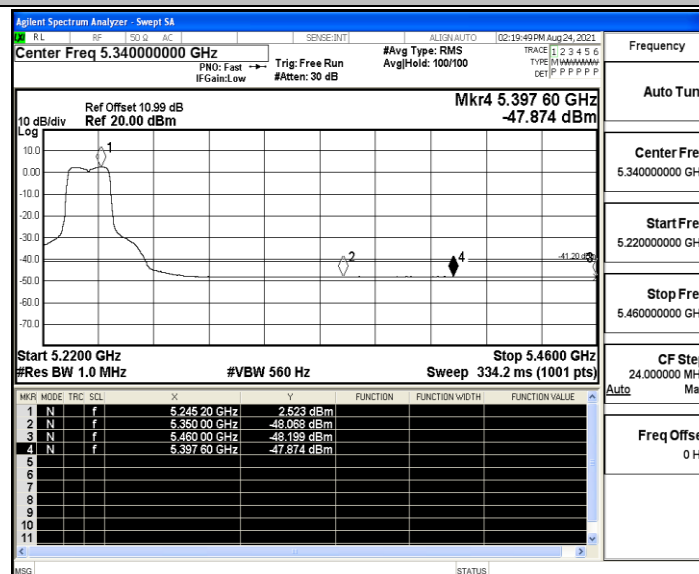
11AC20SISO_Ant1_Low_5180_AV



11AC20SISO_Ant1_Low_5180_Peak

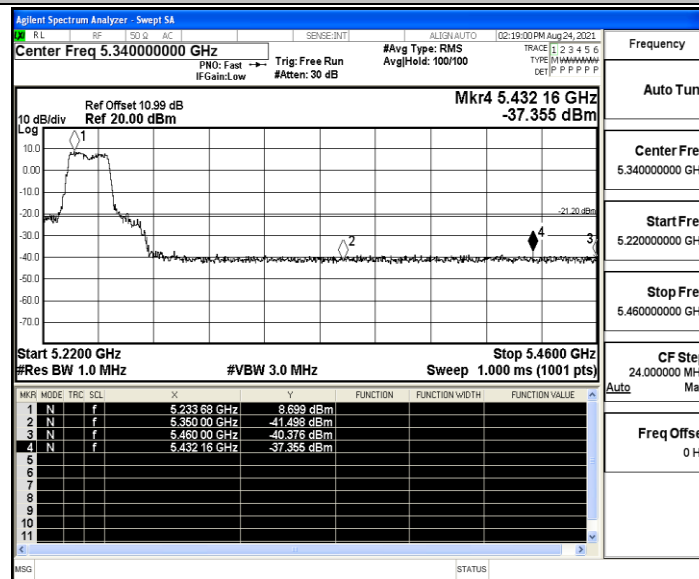


11AC20SISO_Ant1_High_5240_AV

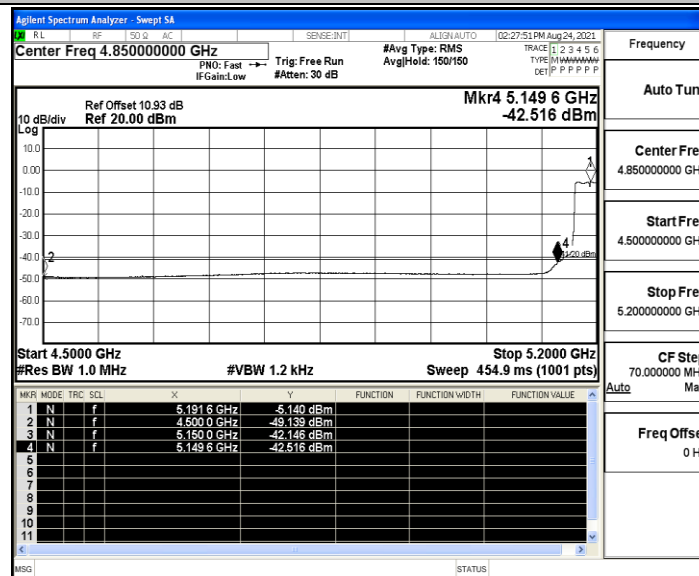




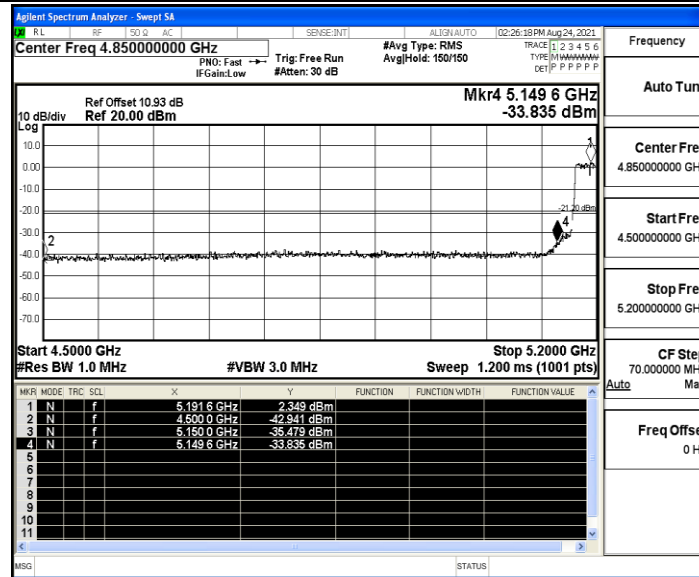
11AC20SISO_Ant1_High_5240_Peak



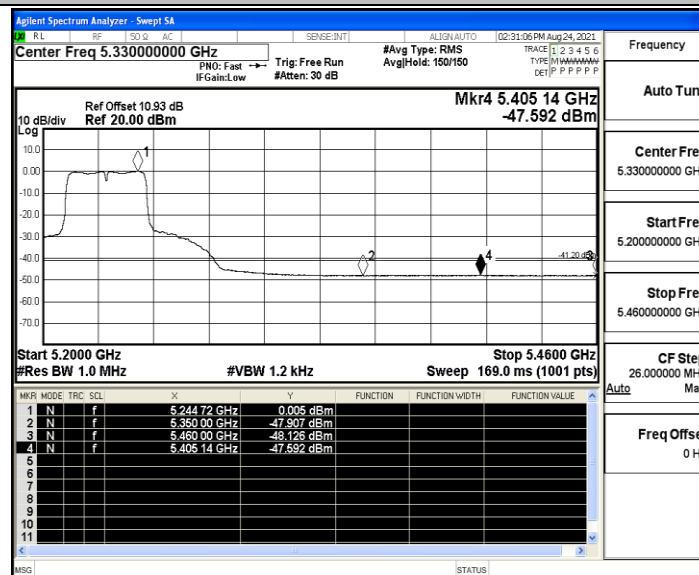
11AC40SISO_Ant1_Low_5190_AV



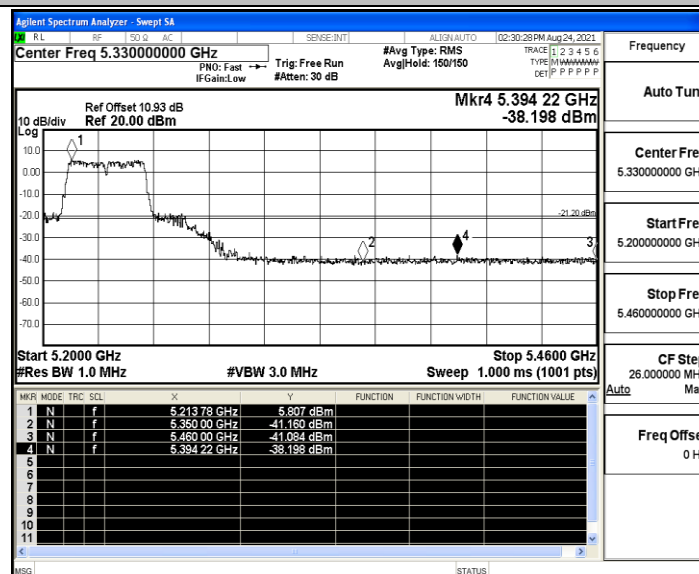
11AC40SISO_Ant1_Low_5190_Peak



11AC40SISO_Ant1_High_5230_AV

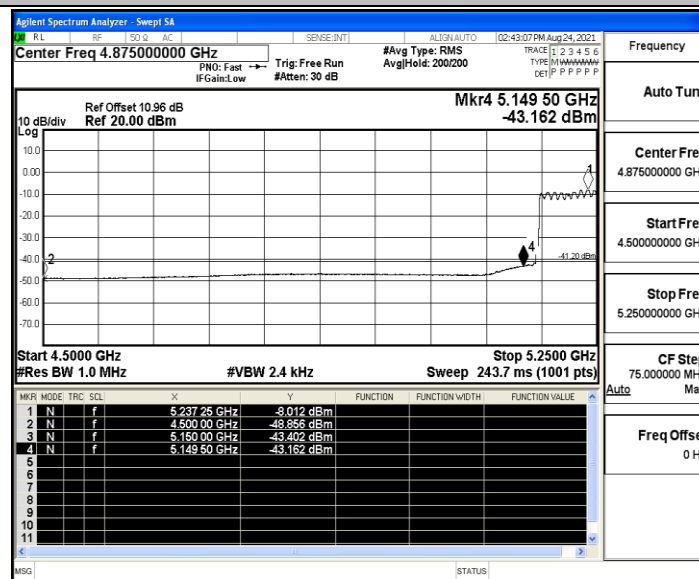


11AC40SISO_Ant1_High_5230_Peak

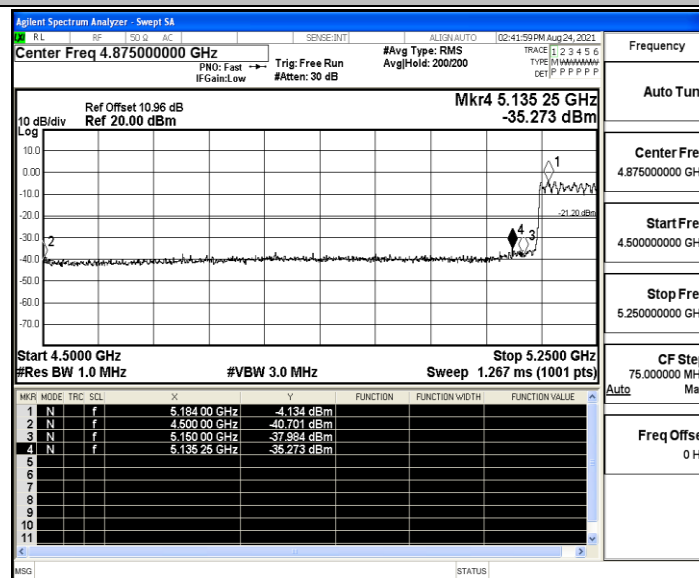




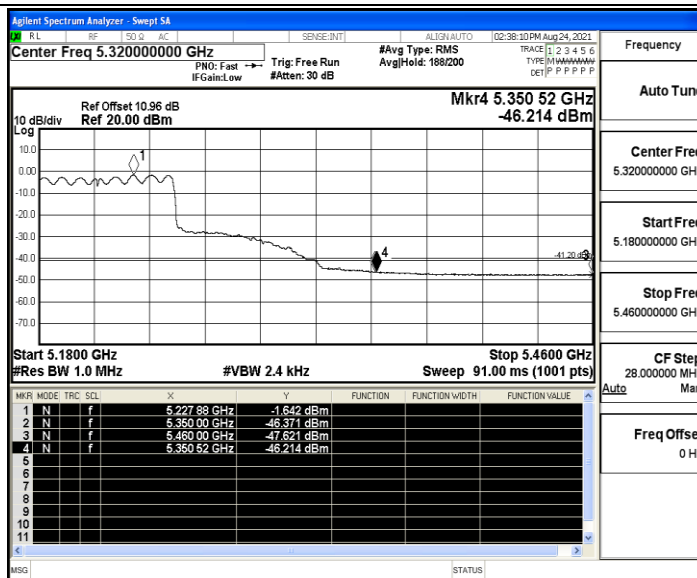
11AC80SISO_Ant1_Low_5210_AV



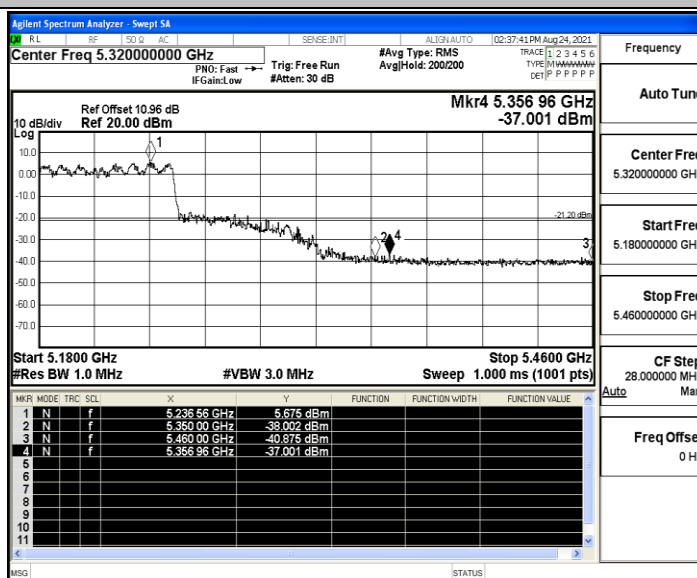
11AC80SISO_Ant1_Low_5210_Peak



11AC80SISO_Ant1_High_5210_AV



11AC80SISO_Ant1_High_5210_Peak





D.5 Frequency Stability

Test Result

Voltage								
TestMode	Antenna	Channel	Voltage [Vdc]	Temperature (°C)	Deviation (Hz)	Deviation (ppm)	Limit (ppm)	Verdict
11A	Ant1	5180	NV	NT	-42000	-8.108108	20	PASS
			LV	NT	-42000	-8.108108	20	PASS
			HV	NT	-42000	-8.108108	20	PASS
		5200	NV	NT	-42000	-8.076923	20	PASS
			LV	NT	-42000	-8.076923	20	PASS
			HV	NT	-42000	-8.076923	20	PASS
		5240	NV	NT	-42000	-8.015267	20	PASS
			LV	NT	-42000	-8.015267	20	PASS
			HV	NT	-42000	-8.015267	20	PASS
11N20SISO	Ant1	5180	NV	NT	-41000	-7.915058	20	PASS
			LV	NT	-41000	-7.915058	20	PASS
			HV	NT	-41000	-7.915058	20	PASS
		5200	NV	NT	-42000	-8.076923	20	PASS
			LV	NT	-41000	-7.884615	20	PASS
			HV	NT	-41000	-7.884615	20	PASS
		5240	NV	NT	-42000	-8.015267	20	PASS
			LV	NT	-41000	-7.824427	20	PASS
			HV	NT	-41000	-7.824427	20	PASS
11N40SISO	Ant1	5190	NV	NT	-41000	-7.899807	20	PASS
			LV	NT	-41000	-7.899807	20	PASS
			HV	NT	-41000	-7.899807	20	PASS
		5230	NV	NT	-42000	-8.030593	20	PASS
			LV	NT	-41000	-7.839388	20	PASS
			HV	NT	-41000	-7.839388	20	PASS
11AC20SISO	Ant1	5180	NV	NT	-41000	-7.915058	20	PASS
			LV	NT	-41000	-7.915058	20	PASS
			HV	NT	-41000	-7.915058	20	PASS
		5200	NV	NT	-41000	-7.884615	20	PASS
			LV	NT	-41000	-7.884615	20	PASS
			HV	NT	-41000	-7.884615	20	PASS
		5240	NV	NT	-41000	-7.824427	20	PASS
			LV	NT	-41000	-7.824427	20	PASS
			HV	NT	-41000	-7.824427	20	PASS
11AC40SISO	Ant1	5190	NV	NT	-41000	-7.899807	20	PASS
			LV	NT	-41000	-7.899807	20	PASS



		5230	HV	NT	-41000	-7.899807	20	PASS
			NV	NT	-41000	-7.839388	20	PASS
			LV	NT	-41000	-7.839388	20	PASS
			HV	NT	-41000	-7.839388	20	PASS
11AC80SI SO	Ant1	5210	NV	NT	-42000	-8.06142	20	PASS
			LV	NT	-41000	-7.869482	20	PASS
			HV	NT	-41000	-7.869482	20	PASS

Temperature								
TestMode	Antenna	Channel	Voltage [Vdc]	Temperature (°C)	Deviation (Hz)	Deviation (ppm)	Limit (ppm)	Verdict
11A	Ant1	5180	NV	-30	-42000	-8.108108	20	PASS
			NV	-20	-42000	-8.108108	20	PASS
			NV	-10	-42000	-8.108108	20	PASS
			NV	0	-42000	-8.108108	20	PASS
			NV	10	-42000	-8.108108	20	PASS
			NV	20	-42000	-8.108108	20	PASS
			NV	30	-42000	-8.108108	20	PASS
			NV	40	-42000	-8.108108	20	PASS
			NV	50	-42000	-8.108108	20	PASS
		5200	NV	-30	-42000	-8.076923	20	PASS
			NV	-20	-42000	-8.076923	20	PASS
			NV	-10	-41000	-7.884615	20	PASS
			NV	0	-42000	-8.076923	20	PASS
			NV	10	-42000	-8.076923	20	PASS
			NV	20	-42000	-8.076923	20	PASS
			NV	30	-41000	-7.884615	20	PASS
			NV	40	-42000	-8.076923	20	PASS
			NV	50	-41000	-7.884615	20	PASS
		5240	NV	-30	-42000	-8.015267	20	PASS
			NV	-20	-42000	-8.015267	20	PASS
			NV	-10	-42000	-8.015267	20	PASS
			NV	0	-41000	-7.824427	20	PASS
			NV	10	-41000	-7.824427	20	PASS
			NV	20	-41000	-7.824427	20	PASS
			NV	30	-41000	-7.824427	20	PASS
			NV	40	-41000	-7.824427	20	PASS
			NV	50	-41000	-7.824427	20	PASS
11N20SIS O	Ant1	5180	NV	-30	-41000	-7.915058	20	PASS
			NV	-20	-41000	-7.915058	20	PASS
			NV	-10	-41000	-7.915058	20	PASS
			NV	0	-41000	-7.915058	20	PASS
			NV	10	-41000	-7.915058	20	PASS



			NV	20	-41000	-7.915058	20	PASS
			NV	30	-41000	-7.915058	20	PASS
			NV	40	-41000	-7.915058	20	PASS
			NV	50	-41000	-7.915058	20	PASS
		5200	NV	-30	-41000	-7.884615	20	PASS
			NV	-20	-41000	-7.884615	20	PASS
			NV	-10	-41000	-7.884615	20	PASS
			NV	0	-41000	-7.884615	20	PASS
			NV	10	-41000	-7.884615	20	PASS
			NV	20	-41000	-7.884615	20	PASS
			NV	30	-41000	-7.884615	20	PASS
			NV	40	-41000	-7.884615	20	PASS
			NV	50	-41000	-7.884615	20	PASS
		5240	NV	-30	-41000	-7.824427	20	PASS
			NV	-20	-41000	-7.824427	20	PASS
			NV	-10	-41000	-7.824427	20	PASS
			NV	0	-41000	-7.824427	20	PASS
			NV	10	-41000	-7.824427	20	PASS
			NV	20	-41000	-7.824427	20	PASS
			NV	30	-41000	-7.824427	20	PASS
			NV	40	-41000	-7.824427	20	PASS
11N40SIS O	Ant1	5190	NV	-30	-41000	-7.899807	20	PASS
			NV	-20	-41000	-7.899807	20	PASS
			NV	-10	-41000	-7.899807	20	PASS
			NV	0	-41000	-7.899807	20	PASS
			NV	10	-41000	-7.899807	20	PASS
			NV	20	-41000	-7.899807	20	PASS
			NV	30	-41000	-7.899807	20	PASS
			NV	40	-41000	-7.899807	20	PASS
		5230	NV	50	-41000	-7.899807	20	PASS
			NV	-30	-41000	-7.839388	20	PASS
			NV	-20	-41000	-7.839388	20	PASS
			NV	-10	-41000	-7.839388	20	PASS
			NV	0	-41000	-7.839388	20	PASS
			NV	10	-41000	-7.839388	20	PASS
			NV	20	-41000	-7.839388	20	PASS
			NV	30	-41000	-7.839388	20	PASS
			NV	40	-41000	-7.839388	20	PASS
			NV	50	-41000	-7.839388	20	PASS
11AC20Si SO	Ant1	5180	NV	-30	-41000	-7.915058	20	PASS
			NV	-20	-41000	-7.915058	20	PASS
			NV	-10	-41000	-7.915058	20	PASS



			NV	0	-41000	-7.915058	20	PASS
			NV	10	-41000	-7.915058	20	PASS
			NV	20	-41000	-7.915058	20	PASS
			NV	30	-41000	-7.915058	20	PASS
			NV	40	-41000	-7.915058	20	PASS
			NV	50	-41000	-7.915058	20	PASS
		5200	NV	-30	-41000	-7.884615	20	PASS
			NV	-20	-41000	-7.884615	20	PASS
			NV	-10	-41000	-7.884615	20	PASS
			NV	0	-41000	-7.884615	20	PASS
			NV	10	-41000	-7.884615	20	PASS
			NV	20	-41000	-7.884615	20	PASS
			NV	30	-41000	-7.884615	20	PASS
			NV	40	-41000	-7.884615	20	PASS
			NV	50	-41000	-7.884615	20	PASS
		5240	NV	-30	-41000	-7.824427	20	PASS
			NV	-20	-41000	-7.824427	20	PASS
			NV	-10	-41000	-7.824427	20	PASS
			NV	0	-41000	-7.824427	20	PASS
			NV	10	-41000	-7.824427	20	PASS
			NV	20	-41000	-7.824427	20	PASS
			NV	30	-41000	-7.824427	20	PASS
			NV	40	-41000	-7.824427	20	PASS
			NV	50	-41000	-7.824427	20	PASS
11AC40SI SO	Ant1	5190	NV	-30	-41000	-7.899807	20	PASS
			NV	-20	-41000	-7.899807	20	PASS
			NV	-10	-41000	-7.899807	20	PASS
			NV	0	-40000	-7.707129	20	PASS
			NV	10	-41000	-7.899807	20	PASS
			NV	20	-41000	-7.899807	20	PASS
			NV	30	-41000	-7.899807	20	PASS
			NV	40	-41000	-7.899807	20	PASS
			NV	50	-41000	-7.899807	20	PASS
		5230	NV	-30	-41000	-7.839388	20	PASS
			NV	-20	-41000	-7.839388	20	PASS
			NV	-10	-41000	-7.839388	20	PASS
			NV	0	-41000	-7.839388	20	PASS
			NV	10	-41000	-7.839388	20	PASS
			NV	20	-41000	-7.839388	20	PASS
			NV	30	-41000	-7.839388	20	PASS
			NV	40	-41000	-7.839388	20	PASS
			NV	50	-41000	-7.839388	20	PASS
11AC80SI	Ant1	5210	NV	-30	-41000	-7.869482	20	PASS



SO			NV	-20	-41000	-7.869482	20	PASS
			NV	-10	-41000	-7.869482	20	PASS
			NV	0	-41000	-7.869482	20	PASS
			NV	10	-41000	-7.869482	20	PASS
			NV	20	-41000	-7.869482	20	PASS
			NV	30	-41000	-7.869482	20	PASS
			NV	40	-41000	-7.869482	20	PASS
			NV	50	-41000	-7.869482	20	PASS



D.6 Duty Cycle

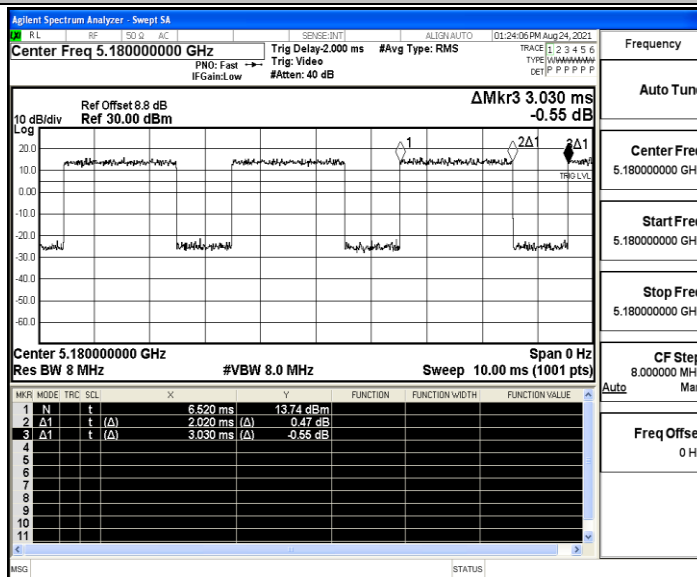
Test Result

TestMode	Antenna	Channel	Transmission Duration [ms]	Transmission Period [ms]	Duty Cycle [%]	Limit	Verdict
11A	Ant1	5180	2.02	3.03	66.67	---	PASS
		5200	2.02	3.03	66.67	---	PASS
		5240	2.02	3.03	66.67	---	PASS
11N20SISO	Ant1	5180	1.88	2.89	65.05	---	PASS
		5200	1.88	2.89	65.05	---	PASS
		5240	1.89	2.90	65.17	---	PASS
11N40SISO	Ant1	5190	0.93	1.94	47.94	---	PASS
		5230	0.92	1.93	47.67	---	PASS
11AC20SISO	Ant1	5180	1.89	2.90	65.17	---	PASS
		5200	1.89	2.90	65.17	---	PASS
		5240	1.89	2.90	65.17	---	PASS
11AC40SISO	Ant1	5190	0.93	1.94	47.94	---	PASS
		5230	0.93	1.94	47.94	---	PASS
11AC80SISO	Ant1	5210	0.45	1.46	30.82	---	PASS

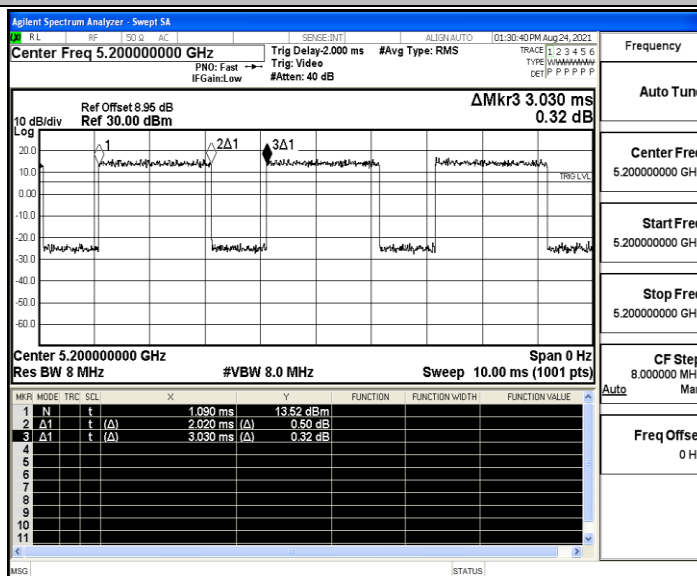


Test Graphs

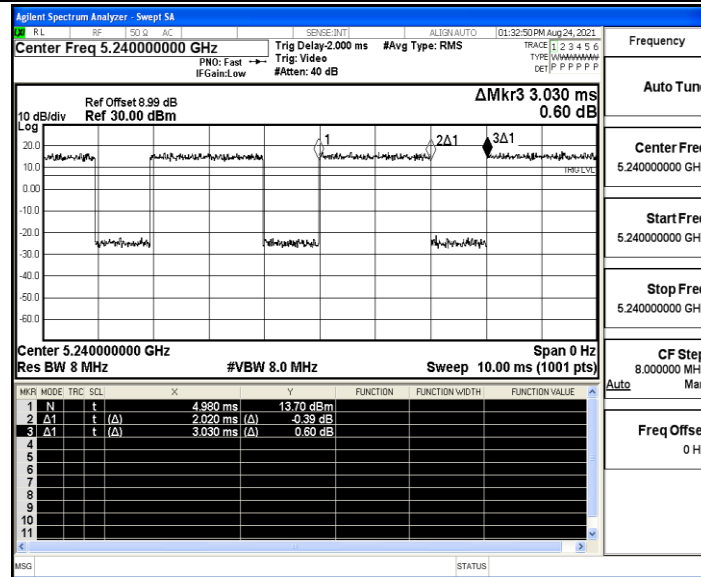
11A_Ant1_5180



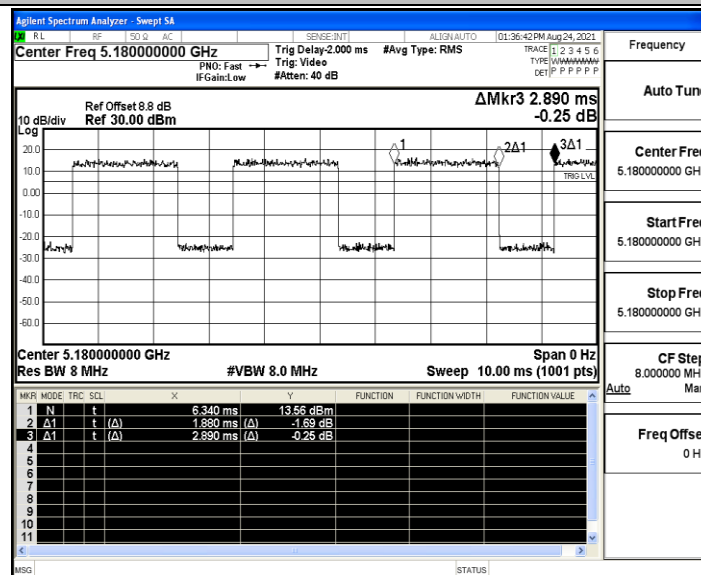
11A_Ant1_5200



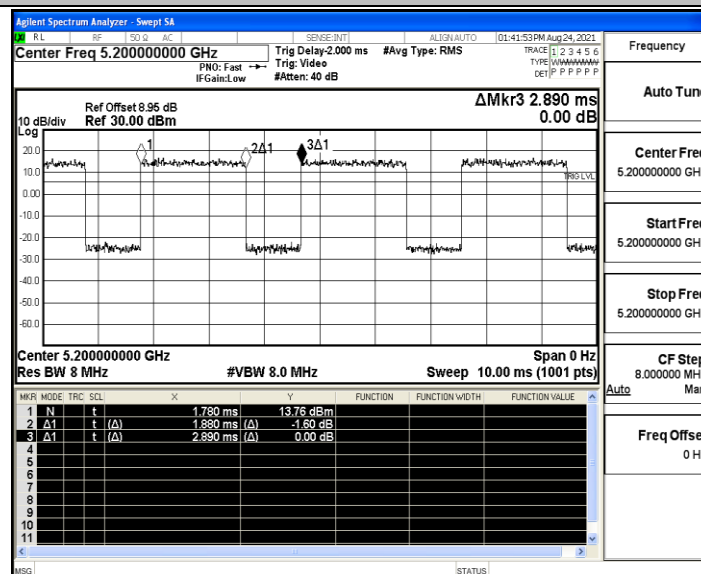
11A_Ant1_5240



11N20SISO_Ant1_5180

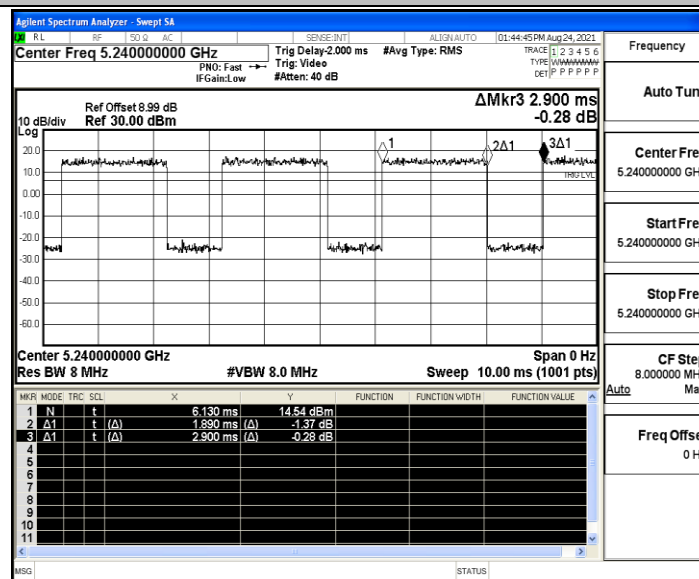


11N20SISO_Ant1_5200

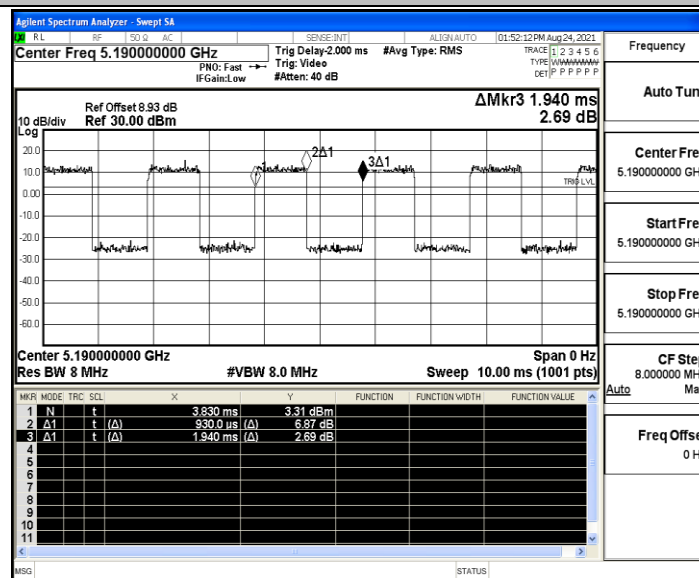




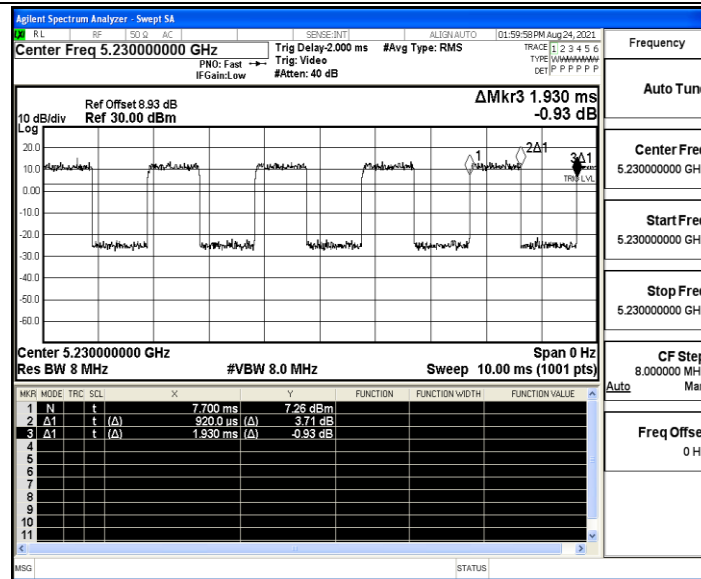
11N20SISO_Ant1_5240



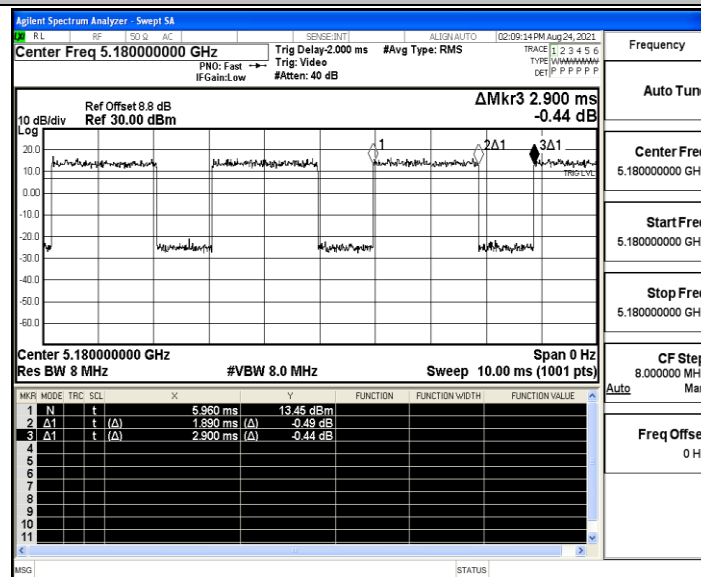
11N40SISO_Ant1_5190



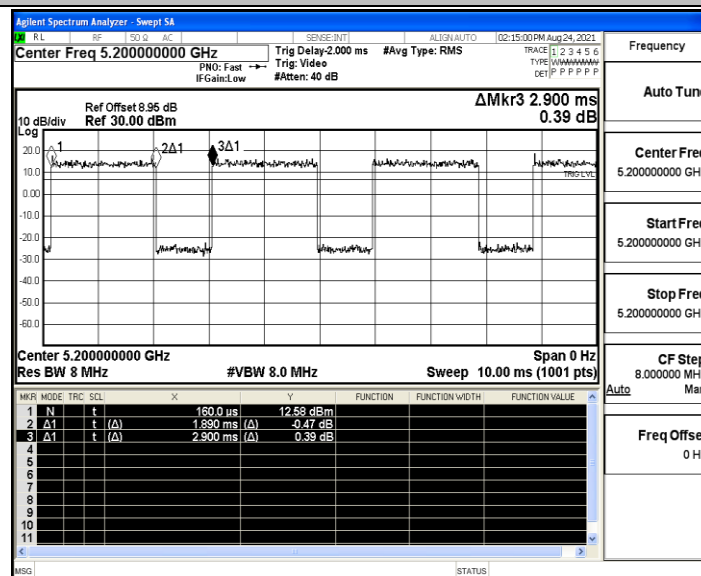
11N40SISO_Ant1_5230



11AC20SISO_Ant1_5180

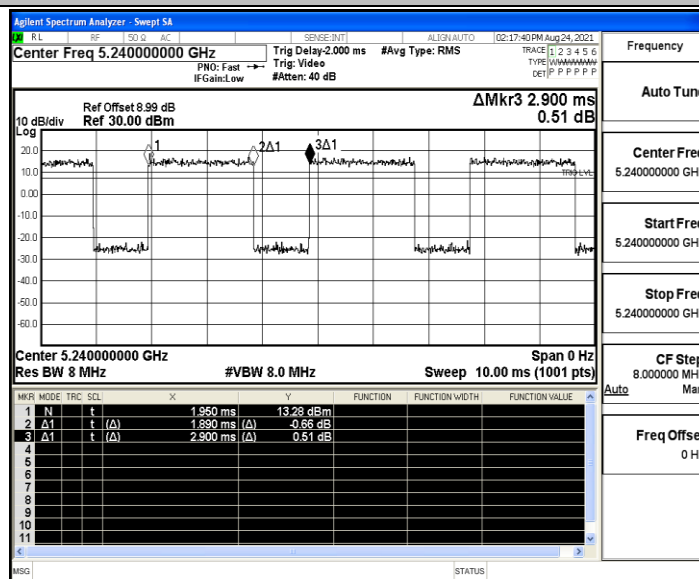


11AC20SISO_Ant1_5200

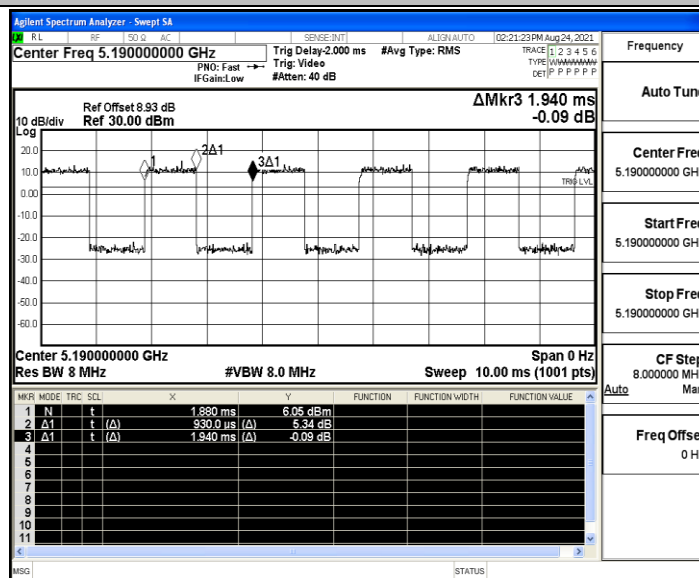




11AC20SISO_Ant1_5240



11AC40SISO_Ant1_5190



11AC40SISO_Ant1_5230

