



Appendix D

RF Test Data for 5.2G WIFI (Conducted Measurement)

Product Name: Smart phone

Test Model: Smooth 6.26 Max

Environmental Conditions

Temperature:	23.5° C
Relative Humidity:	52.2%
ATM Pressure:	100.0 kPa
Test Engineer:	Ling Zhu
Supervised by:	LI Huan



D.1 26dB Bandwidth

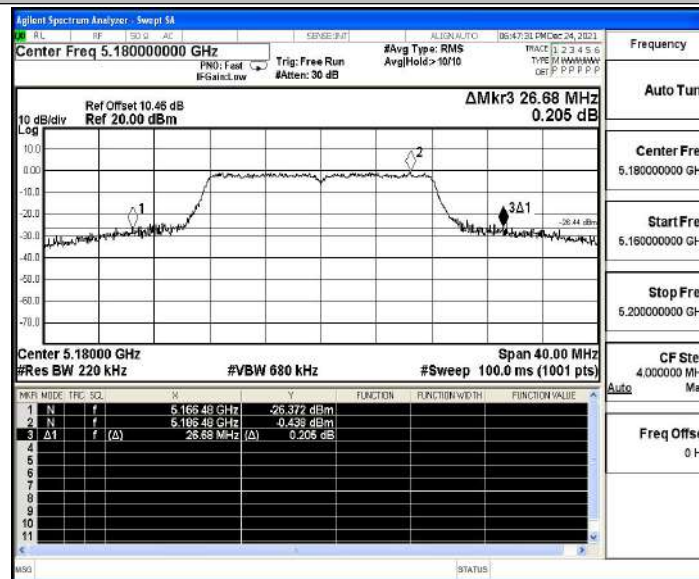
Test Result

TestMode	Antenna	Frequency[MHz]	26db EBW [MHz]	FL[MHz]	FH[MHz]	Limit[MHz]	Verdict
11A	Ant1	5180	26.680	5166.480	5193.160	---	---
		5200	32.040	5186.120	5218.160	---	---
		5240	33.040	5225.680	5258.720	---	---
11N20SISO	Ant1	5180	35.760	5163.480	5199.240	---	---
		5200	35.320	5183.640	5218.960	---	---
		5240	34.120	5225.280	5259.400	---	---
11N40SISO	Ant1	5190	47.280	5169.760	5217.040	---	---
		5230	49.280	5208.560	5257.840	---	---
11AC20SISO	Ant1	5180	31.240	5165.320	5196.560	---	---
		5200	33.720	5185.320	5219.040	---	---
		5240	33.880	5225.000	5258.880	---	---
11AC40SISO	Ant1	5190	46.960	5169.040	5216.000	---	---
		5230	49.760	5207.920	5257.680	---	---
11AC80SISO	Ant1	5210	89.280	5167.280	5256.560	---	---

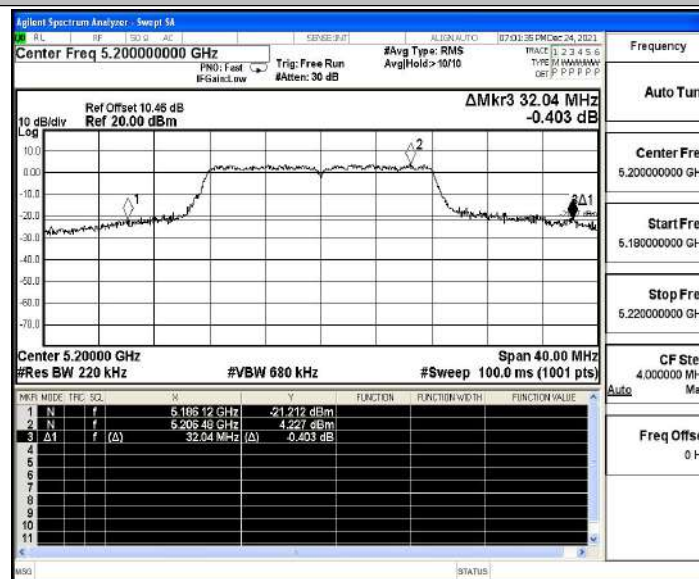


Test Graphs

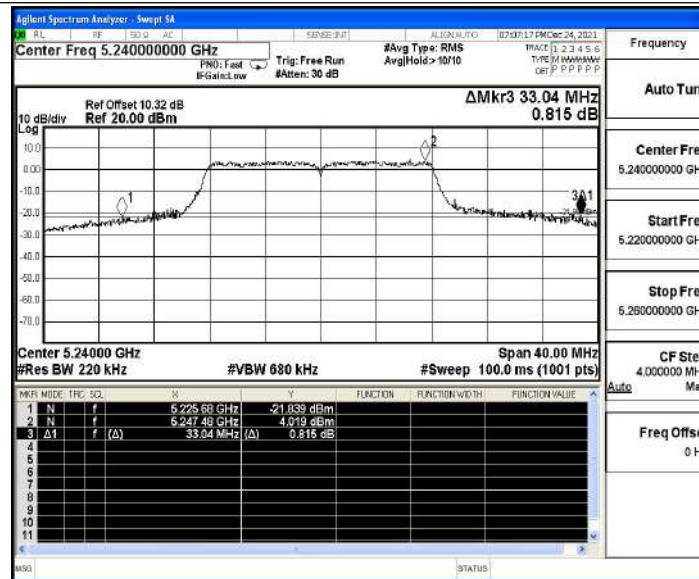
11A_Ant1_5180



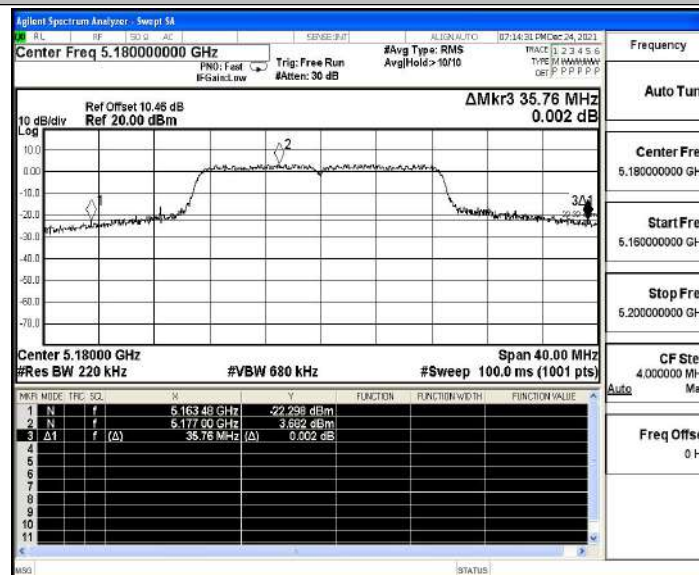
11A_Ant1_5200



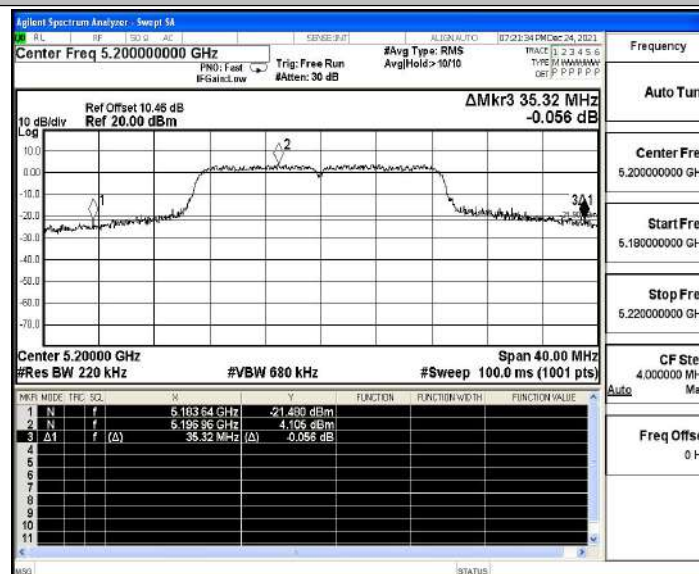
11A_Ant1_5240



11N20SISO_Ant1_5180

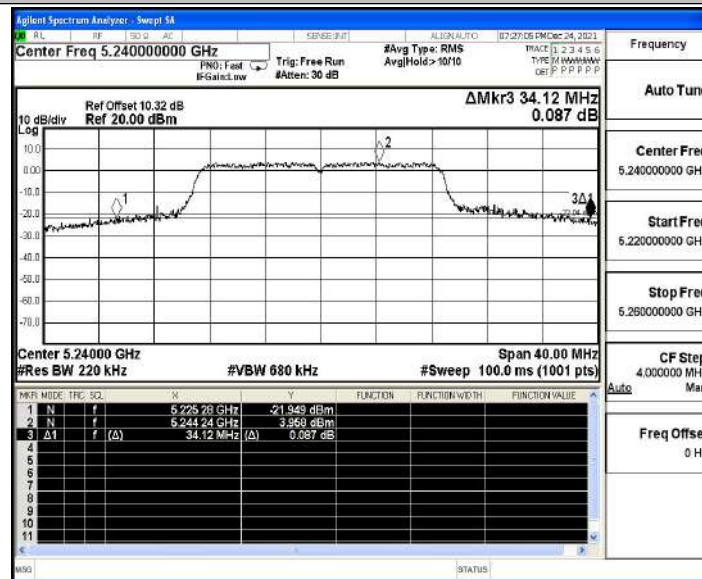


11N20SISO_Ant1_5200

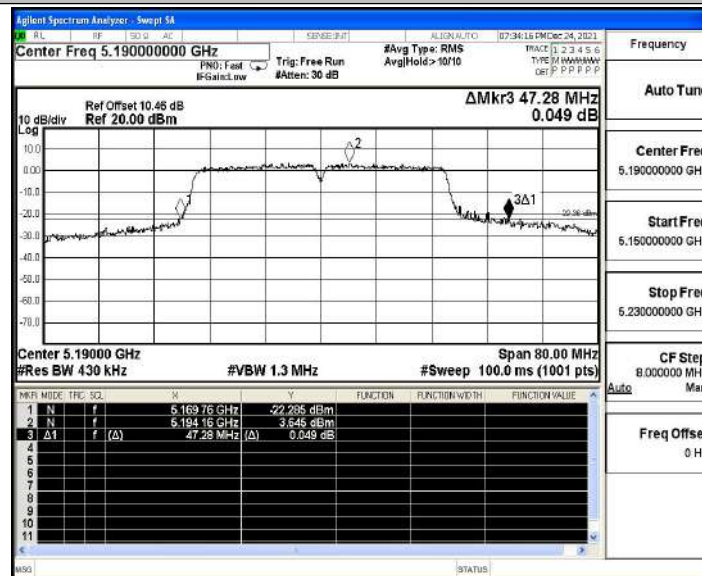




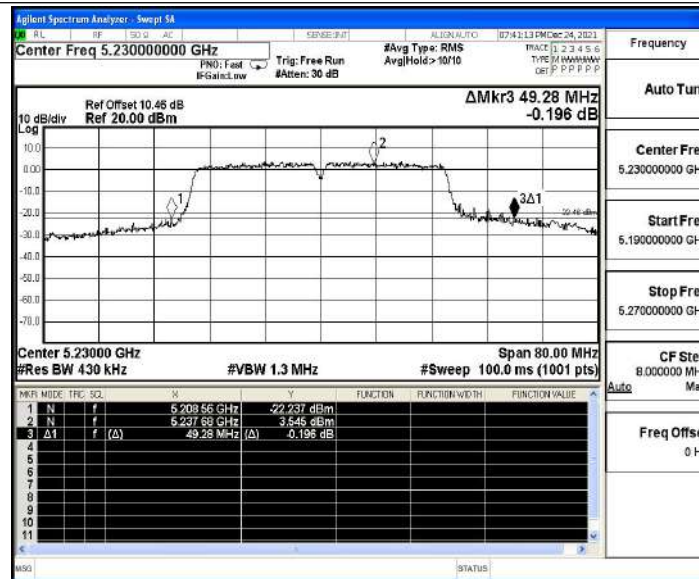
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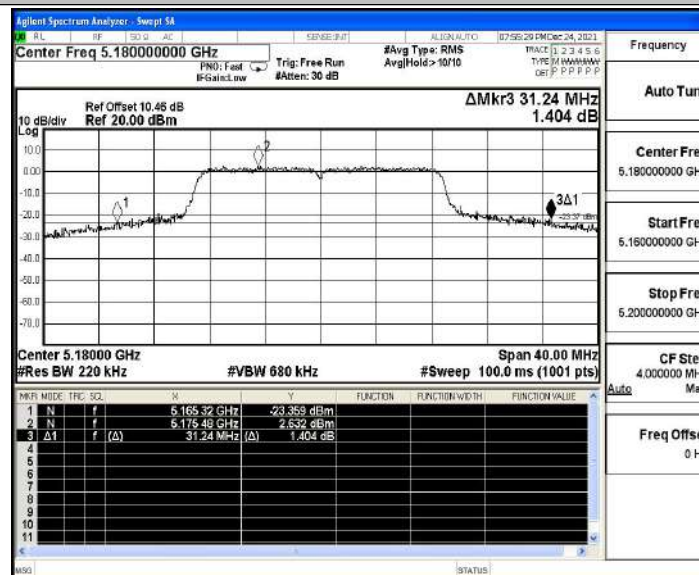
11N40SISO_Ant1_5190



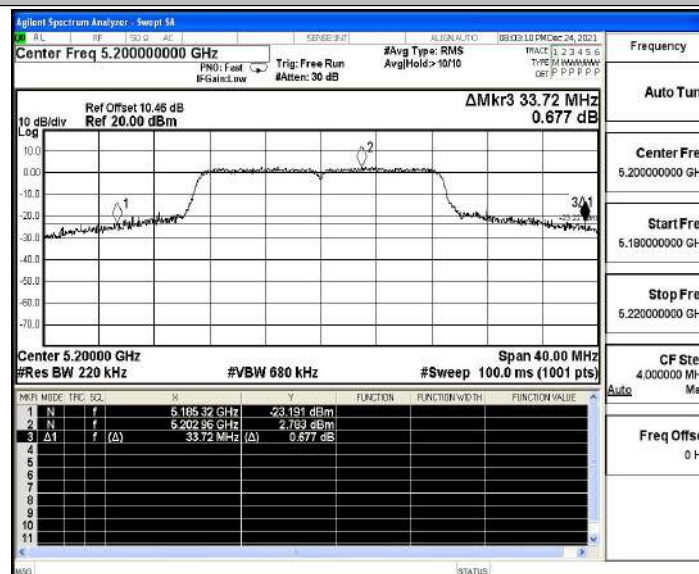
11N40SISO_Ant1_5230



11AC20SISO_Ant1_5180

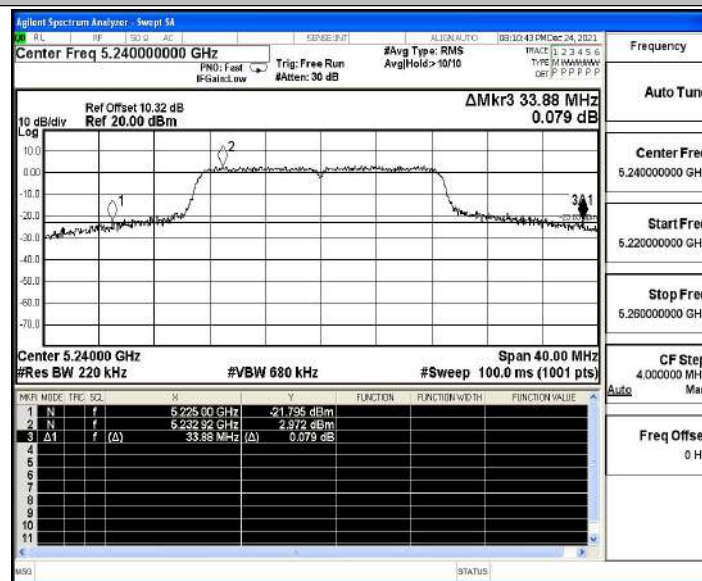


11AC20SISO_Ant1_5200

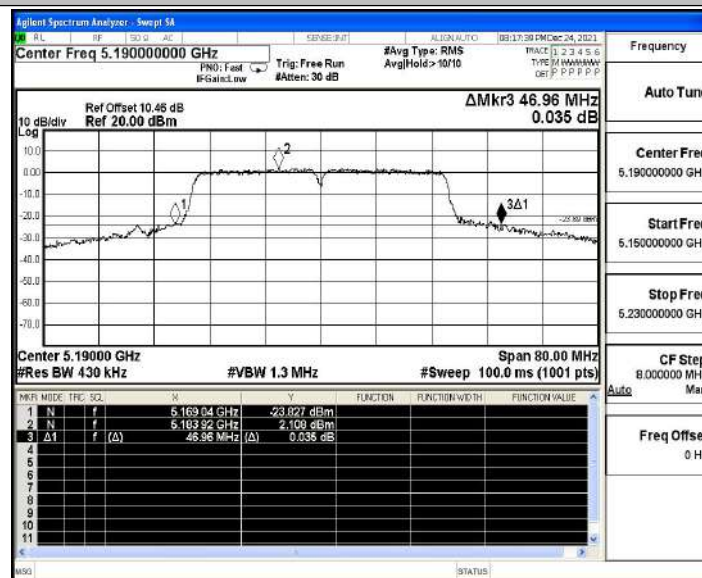




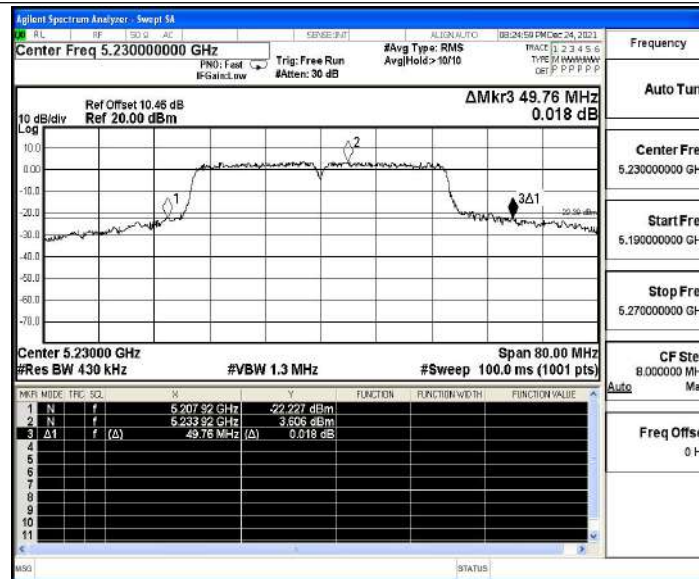
11AC20SISO_Ant1_5240



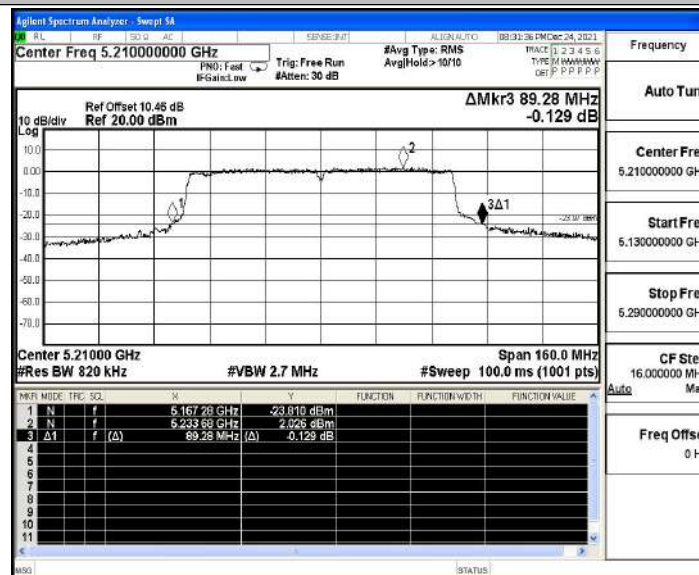
11AC40SISO_Ant1_5190



11AC40SISO_Ant1_5230



11AC80SISO_Ant1_5210





D.2 Maximum conducted output power

Test Result

TestMode	Antenna	Channel	Result[dBm]	Limit[dBm]	Verdict
11A	Ant1	5180	13.00	≤ 23.98	PASS
		5200	13.57	≤ 23.98	PASS
		5240	14.02	≤ 23.98	PASS
11N20SISO	Ant1	5180	13.46	≤ 23.98	PASS
		5200	13.84	≤ 23.98	PASS
		5240	14.13	≤ 23.98	PASS
11N40SISO	Ant1	5190	12.97	≤ 23.98	PASS
		5230	13.26	≤ 23.98	PASS
11AC20SISO	Ant1	5180	12.64	≤ 23.98	PASS
		5200	12.69	≤ 23.98	PASS
		5240	13.14	≤ 23.98	PASS
11AC40SISO	Ant1	5190	11.52	≤ 23.98	PASS
		5230	12.89	≤ 23.98	PASS
11AC80SISO	Ant1	5210	11.17	≤ 23.98	PASS

Note: The Duty Cycle Factor is compensated in test Result.



D.3 Maximum power spectral density

Test Result

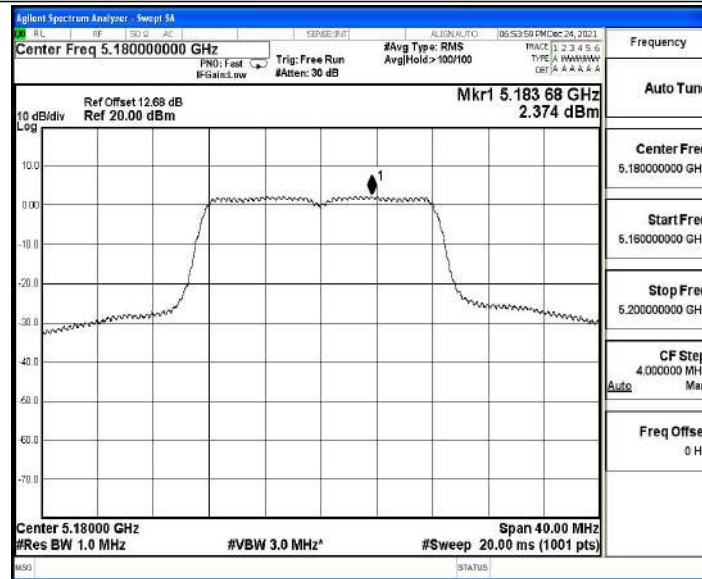
TestMode	Antenna	Frequency[MHz]	Result [dBm/MHz]	Limit[dBm/MHz]	Verdict
11A	Ant1	5180	2.52	≤11.00	PASS
		5200	2.32	≤11.00	PASS
		5240	2.73	≤11.00	PASS
11N20SISO	Ant1	5180	1.97	≤11.00	PASS
		5200	2.71	≤11.00	PASS
		5240	2.93	≤11.00	PASS
11N40SISO	Ant1	5190	-0.78	≤11.00	PASS
		5230	-0.49	≤11.00	PASS
11AC20SISO	Ant1	5180	1.49	≤11.00	PASS
		5200	1.29	≤11.00	PASS
		5240	2.02	≤11.00	PASS
11AC40SISO	Ant1	5190	-2.44	≤11.00	PASS
		5230	-0.9	≤11.00	PASS
11AC80SISO	Ant1	5210	-5.61	≤11.00	PASS

Note: 2.The Duty Cycle Factor and RBW Factor is compensated in the graph.

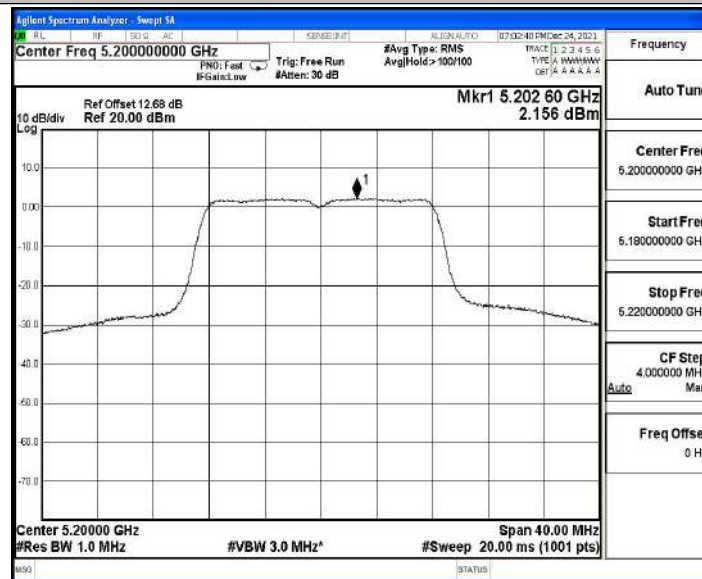


Test Graphs

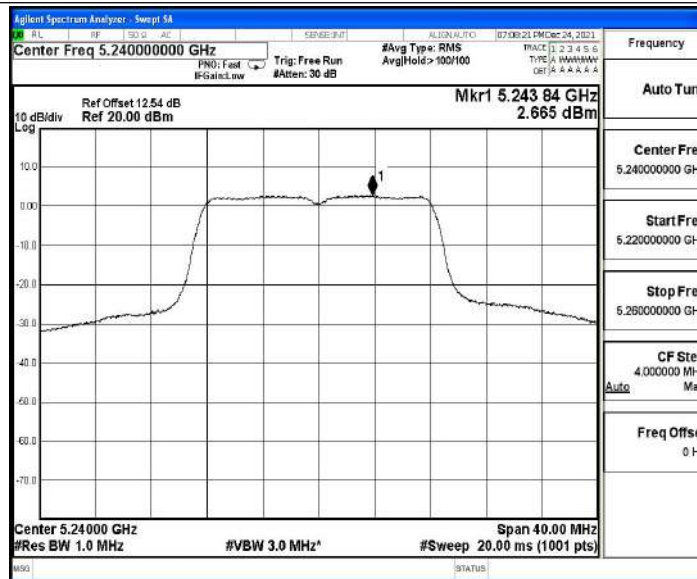
11A_Ant1_5180



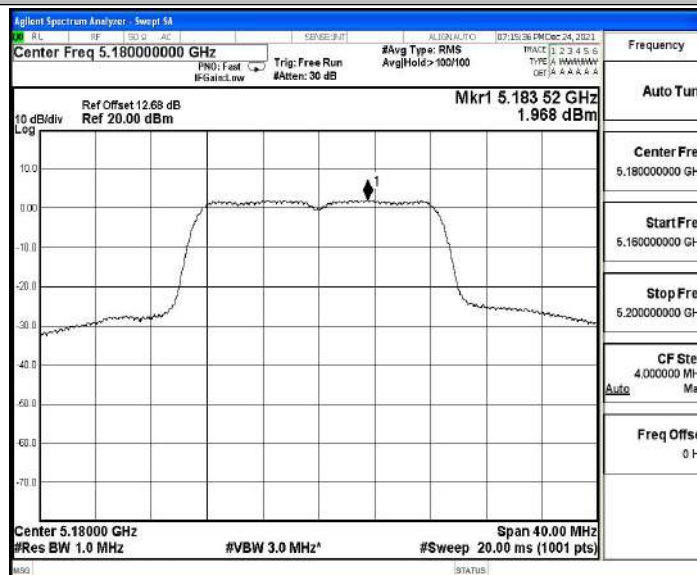
11A_Ant1_5200



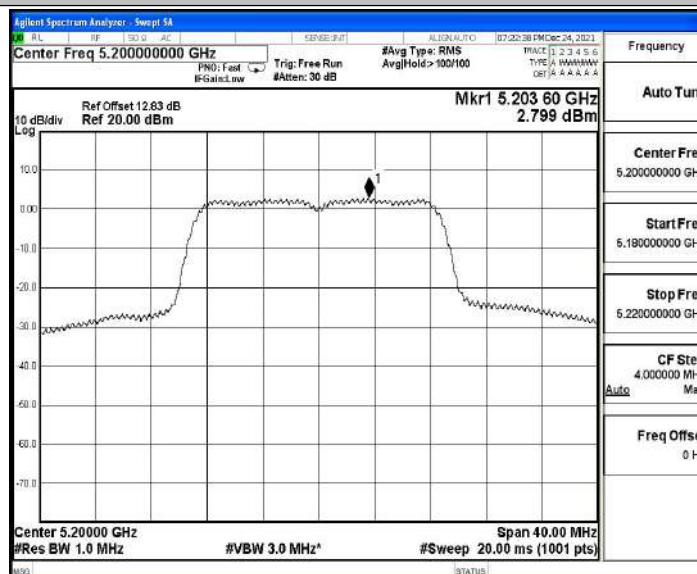
11A_Ant1_5240



11N20SISO_Ant1_5180

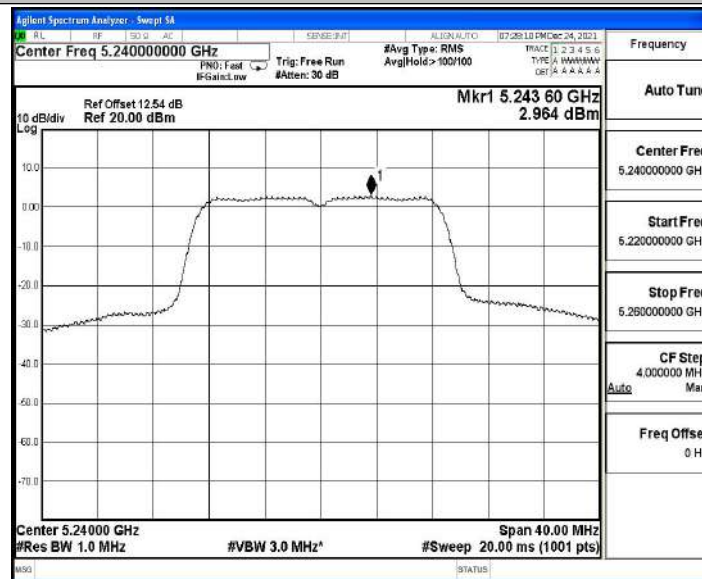


11N20SISO_Ant1_5200

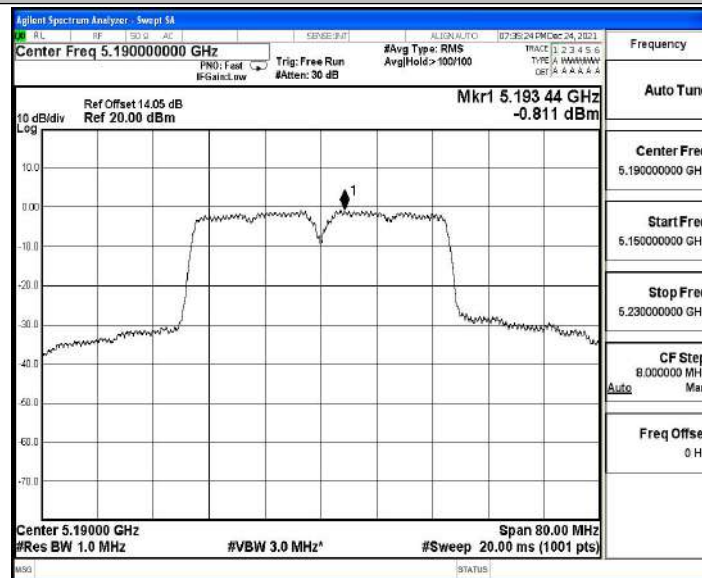




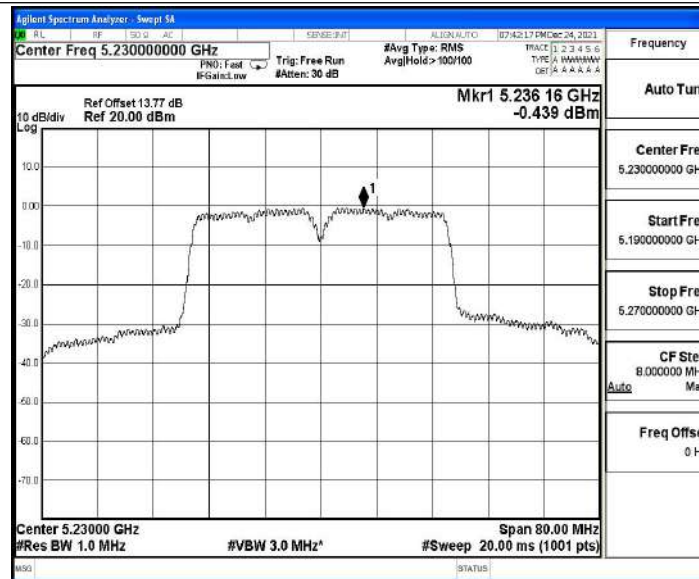
11N20SISO_Ant1_5240



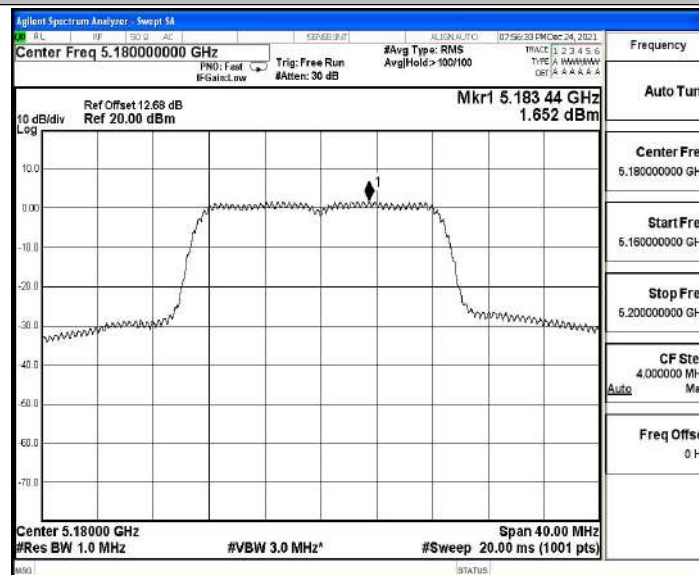
11N40SISO_Ant1_5190



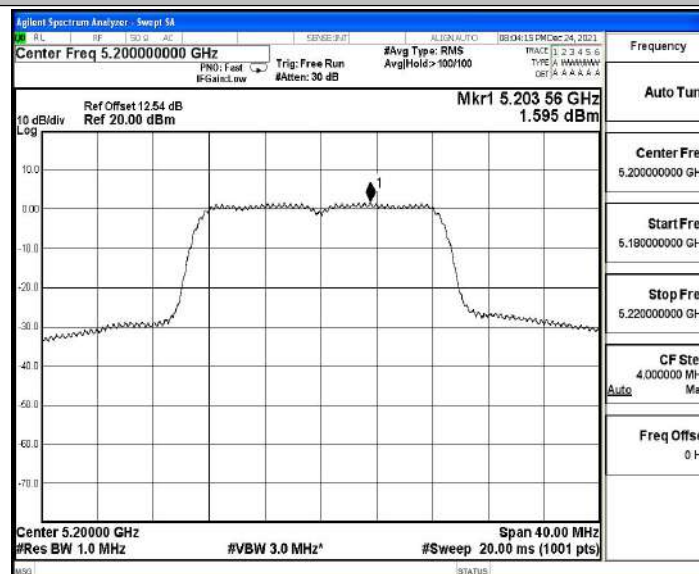
11N40SISO_Ant1_5230



11AC20SISO_Ant1_5180

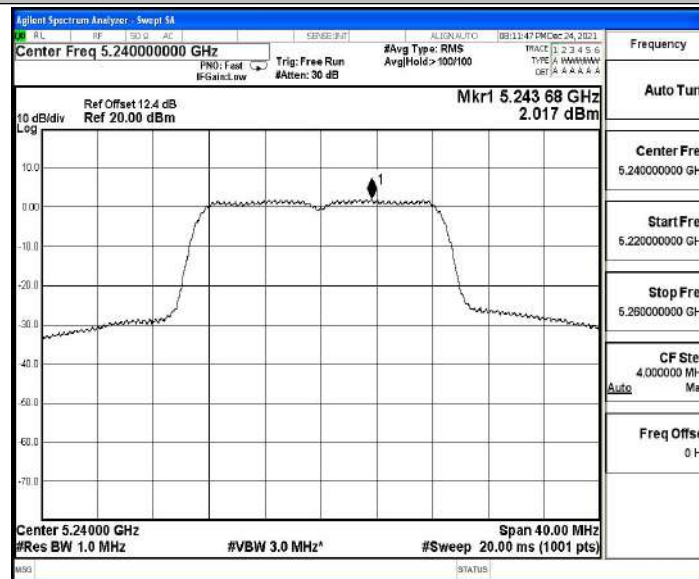


11AC20SISO_Ant1_5200

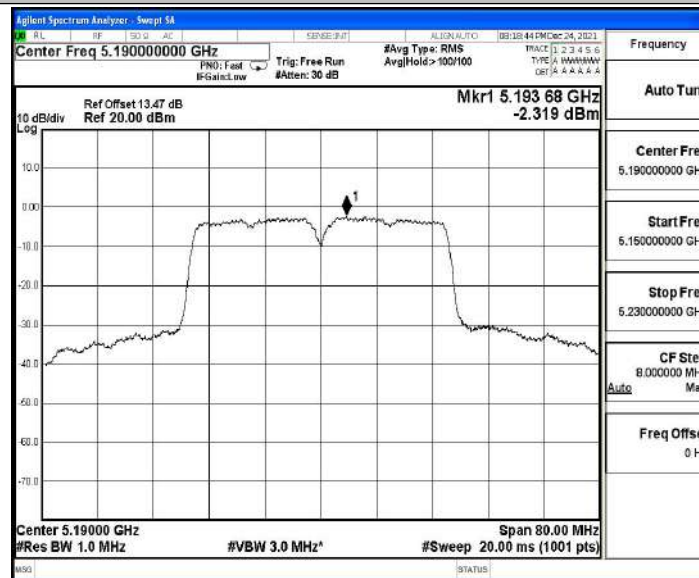




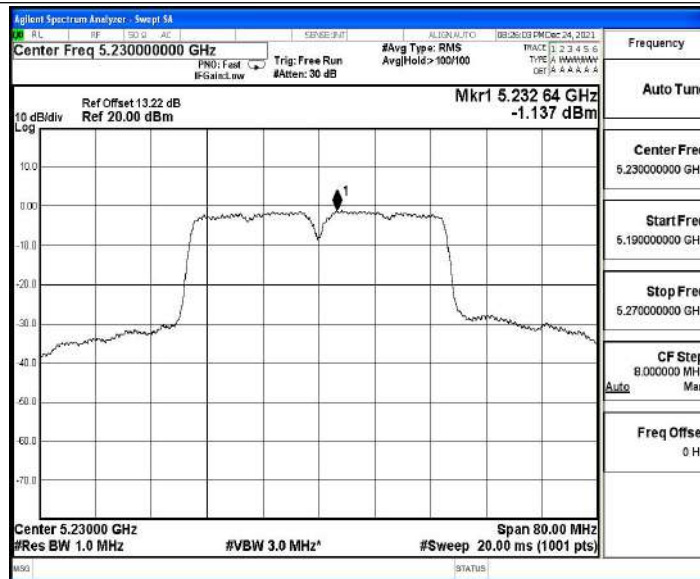
11AC20SISO_Ant1_5240



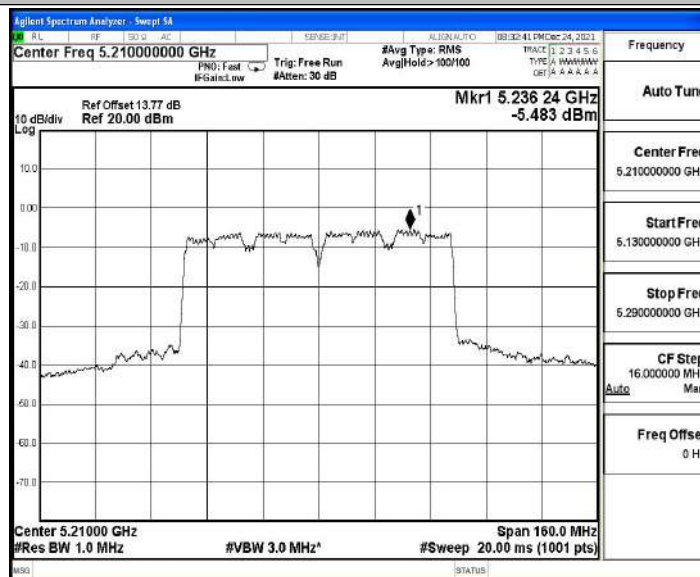
11AC40SISO_Ant1_5190



11AC40SISO_Ant1_5230



11AC80SISO_Ant1_5210





D.4 Emissions in Restricted Bands

Test Result

TestMode	Antenna	ChName	Frequenc y[MHz]	Detector	Freq [MHz]	Result [dBm]	Limit [dBm]	Result [dBuV/m]	Limit [dBuV/m]	Verdict
11A	Ant1	Low	5180	AV	4500.000	-55.67	≤-41.20	39.53	≤54	PASS
				AV	5149.600	-51.29	≤-41.20	43.91	≤54	PASS
				AV	5150.000	-51.13	≤-41.20	44.07	≤54	PASS
				Peak	4500.000	-48.75	≤-21.20	46.45	≤68.2	PASS
				Peak	5148.900	-41.28	≤-21.20	53.92	≤68.2	PASS
				Peak	5150.000	-43.49	≤-21.20	51.71	≤68.2	PASS
		High	5240	AV	5350.000	-54.6	≤-41.20	40.60	≤54	PASS
				AV	5351.520	-54.08	≤-41.20	41.12	≤54	PASS
				AV	5460.000	-55.09	≤-41.20	40.11	≤54	PASS
				Peak	5350.000	-48.69	≤-21.20	46.51	≤68.2	PASS
				Peak	5398.320	-45.52	≤-21.20	49.68	≤68.2	PASS
				Peak	5460.000	-47.67	≤-21.20	47.53	≤68.2	PASS
11N20SIS O	Ant1	Low	5180	AV	4500.000	-55.44	≤-41.20	39.76	≤54	PASS
				AV	5148.900	-50.26	≤-41.20	44.94	≤54	PASS
				AV	5150.000	-49.27	≤-41.20	45.93	≤54	PASS
				Peak	4500.000	-48.57	≤-21.20	46.63	≤68.2	PASS
				Peak	5149.600	-37.9	≤-21.20	57.30	≤68.2	PASS
				Peak	5150.000	-39.05	≤-21.20	56.15	≤68.2	PASS
		High	5240	AV	5350.000	-54.63	≤-41.20	40.57	≤54	PASS
				AV	5357.520	-53.59	≤-41.20	41.61	≤54	PASS
				AV	5460.000	-54.94	≤-41.20	40.26	≤54	PASS
				Peak	5350.000	-47.63	≤-21.20	47.57	≤68.2	PASS
				Peak	5437.920	-45.2	≤-21.20	50.00	≤68.2	PASS
				Peak	5460.000	-48.04	≤-21.20	47.16	≤68.2	PASS
11N40SIS O	Ant1	Low	5190	AV	4500.000	-54.73	≤-41.20	40.47	≤54	PASS
				AV	5148.900	-48.05	≤-41.20	47.15	≤54	PASS
				AV	5150.000	-47.65	≤-41.20	47.55	≤54	PASS
				Peak	4500.000	-49.2	≤-21.20	46.00	≤68.2	PASS
				Peak	5148.200	-38.35	≤-21.20	56.85	≤68.2	PASS
				Peak	5150.000	-36.89	≤-21.20	58.31	≤68.2	PASS
		High	5230	AV	5350.000	-52.57	≤-41.20	42.63	≤54	PASS
				AV	5352.360	-52.04	≤-41.20	43.16	≤54	PASS
				AV	5460.000	-54.53	≤-41.20	40.67	≤54	PASS
				Peak	5350.000	-45.39	≤-21.20	49.81	≤68.2	PASS
				Peak	5352.880	-44.4	≤-21.20	50.80	≤68.2	PASS
				Peak	5460.000	-47.57	≤-21.20	47.63	≤68.2	PASS
11AC20SI	Ant1	Low	5180	AV	4500.000	-55.78	≤-41.20	39.42	≤54	PASS



SO				AV	5148.200	-49.06	≤-41.20	46.14	≤54	PASS
				AV	5150.000	-48.04	≤-41.20	47.16	≤54	PASS
				Peak	4500.000	-48.65	≤-21.20	46.55	≤68.2	PASS
				Peak	5146.800	-37.81	≤-21.20	57.39	≤68.2	PASS
				Peak	5150.000	-37.31	≤-21.20	57.89	≤68.2	PASS
		High	5240	AV	5350.000	-54.73	≤-41.20	40.47	≤54	PASS
				AV	5365.200	-54.24	≤-41.20	40.96	≤54	PASS
				AV	5460.000	-55.19	≤-41.20	40.01	≤54	PASS
				Peak	5350.000	-47.87	≤-21.20	47.33	≤68.2	PASS
				Peak	5353.920	-45.73	≤-21.20	49.47	≤68.2	PASS
				Peak	5460.000	-48.24	≤-21.20	46.96	≤68.2	PASS
11AC40SI SO	Ant1	Low	5190	AV	4500.000	-55.44	≤-41.20	39.76	≤54	PASS
				AV	5148.900	-47.81	≤-41.20	47.39	≤54	PASS
				AV	5150.000	-46.85	≤-41.20	48.35	≤54	PASS
				Peak	4500.000	-48.06	≤-21.20	47.14	≤68.2	PASS
				Peak	5148.200	-37.65	≤-21.20	57.55	≤68.2	PASS
				Peak	5150.000	-37.16	≤-21.20	58.04	≤68.2	PASS
		High	5230	AV	5350.000	-53.21	≤-41.20	41.99	≤54	PASS
				AV	5350.540	-52.72	≤-41.20	42.48	≤54	PASS
				AV	5460.000	-54.14	≤-41.20	41.06	≤54	PASS
				Peak	5350.000	-46.26	≤-21.20	48.94	≤68.2	PASS
				Peak	5354.700	-45.29	≤-21.20	49.91	≤68.2	PASS
				Peak	5460.000	-46.93	≤-21.20	48.27	≤68.2	PASS
11AC80SI SO	Ant1	Low	5210	AV	4500.000	-55.3	≤-41.20	39.90	≤54	PASS
				AV	5149.500	-47.37	≤-41.20	47.83	≤54	PASS
				AV	5150.000	-46.32	≤-41.20	48.88	≤54	PASS
				Peak	4500.000	-48.61	≤-21.20	46.59	≤68.2	PASS
				Peak	5140.500	-39.6	≤-21.20	55.60	≤68.2	PASS
				Peak	5150.000	-38.43	≤-21.20	56.77	≤68.2	PASS
		High	5210	AV	5350.000	-46.6	≤-41.20	48.60	≤54	PASS
				AV	5351.360	-45.36	≤-41.20	49.84	≤54	PASS
				AV	5460.000	-54.1	≤-41.20	41.10	≤54	PASS
				Peak	5350.000	-38.06	≤-21.20	57.14	≤68.2	PASS
				Peak	5357.520	-35.05	≤-21.20	60.15	≤68.2	PASS
				Peak	5460.000	-46.19	≤-21.20	49.01	≤68.2	PASS

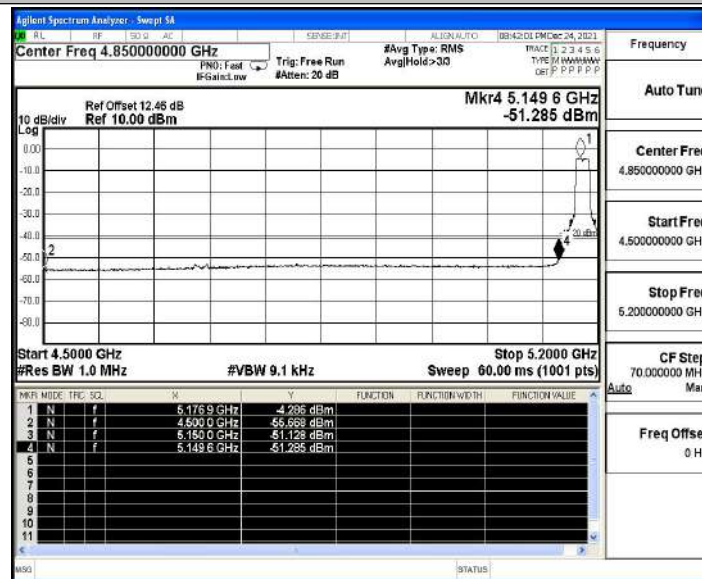
Note:

1. The Antenna Gain is compensated in the graph.

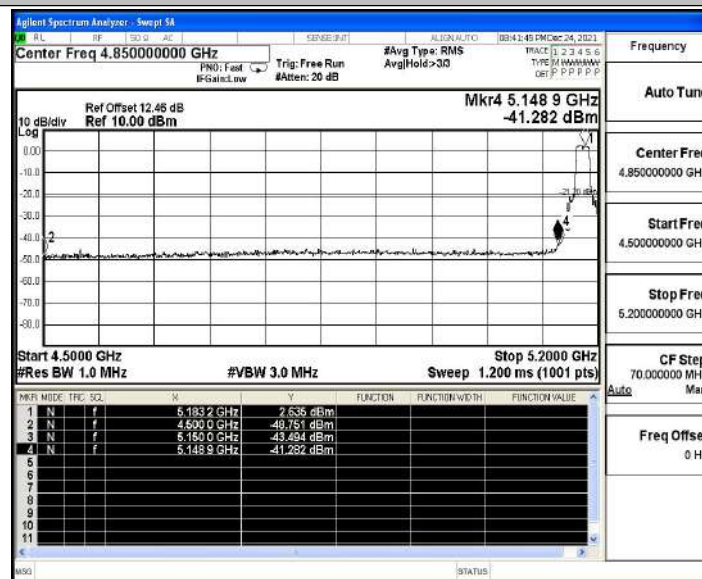


Test Graphs

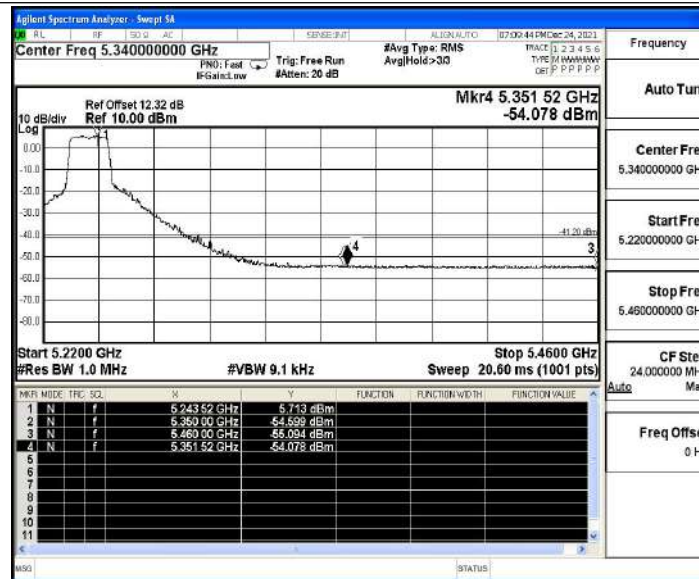
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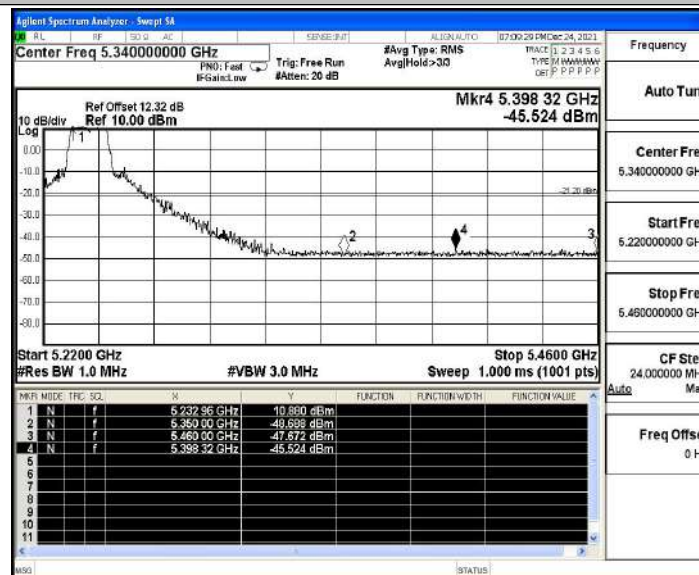
11A_Ant1_Low_5180_Peak



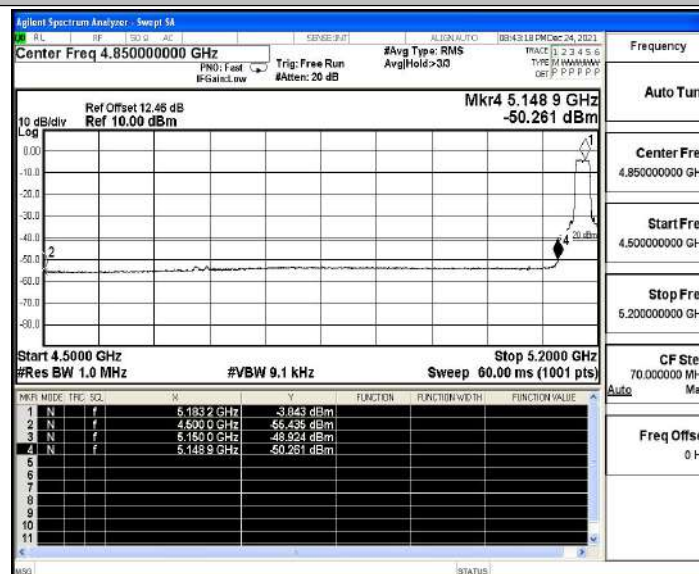
11A_Ant1_High_5240_AV



11A_Ant1_High_5240_Peak

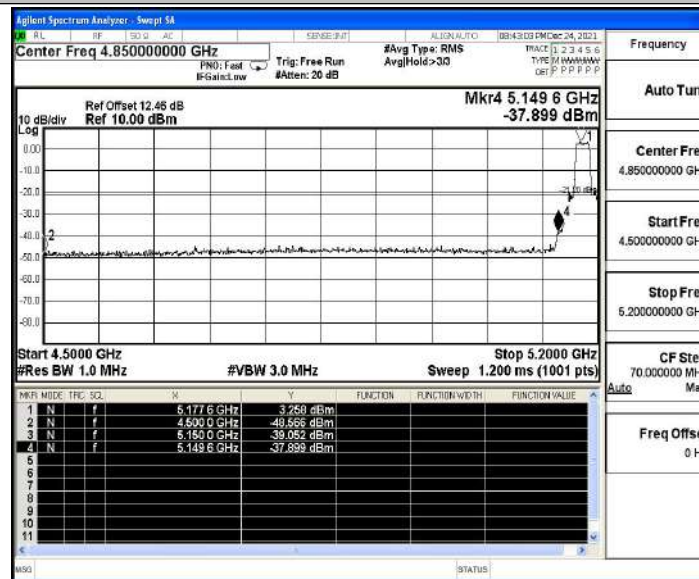


11N20SISO_Ant1_Low_5180_AV

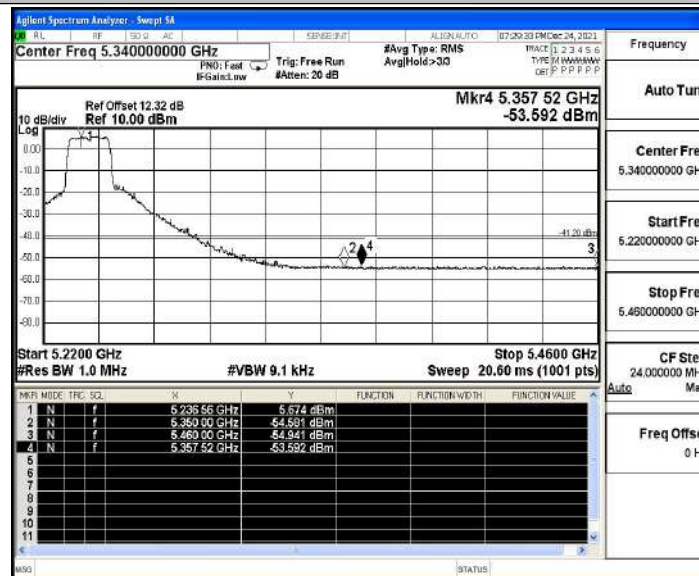




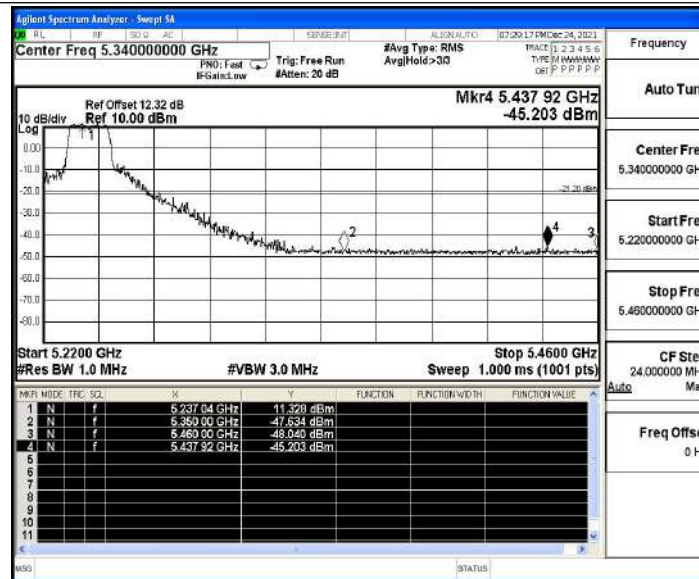
11N20SISO_Ant1_Low_5180_Peak



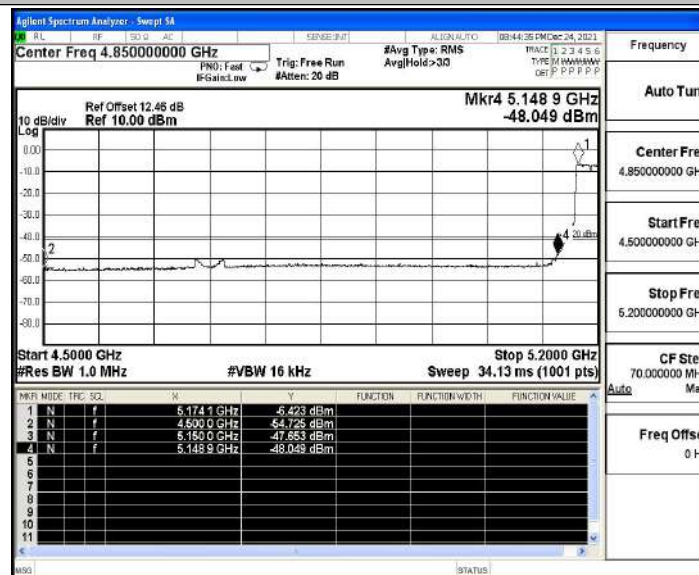
11N20SISO_Ant1_High_5240_AV



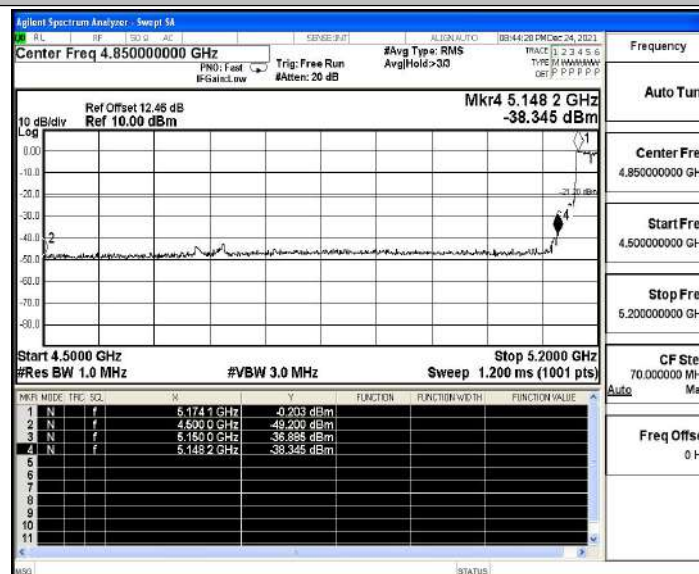
11N20SISO_Ant1_High_5240_Peak



11N40SISO_Ant1_Low_5190_AV

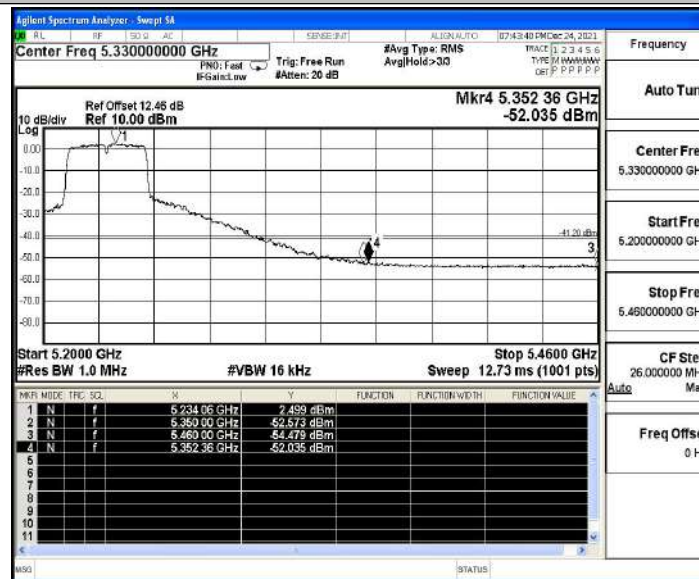


11N40SISO_Ant1_Low_5190_Peak

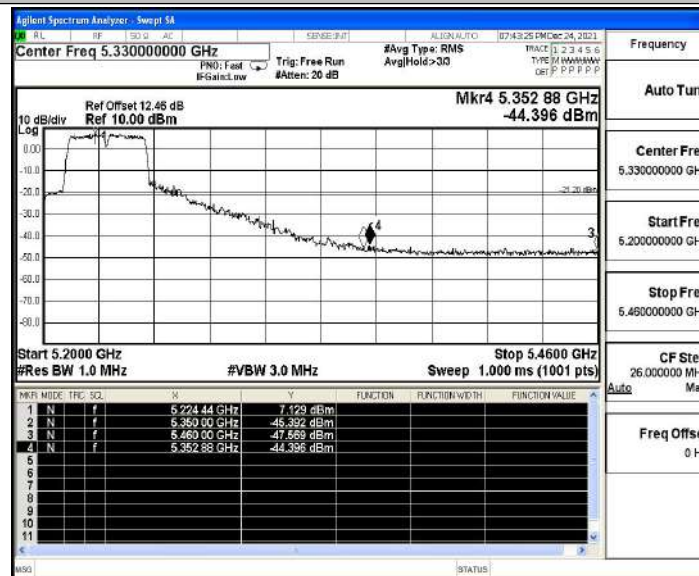




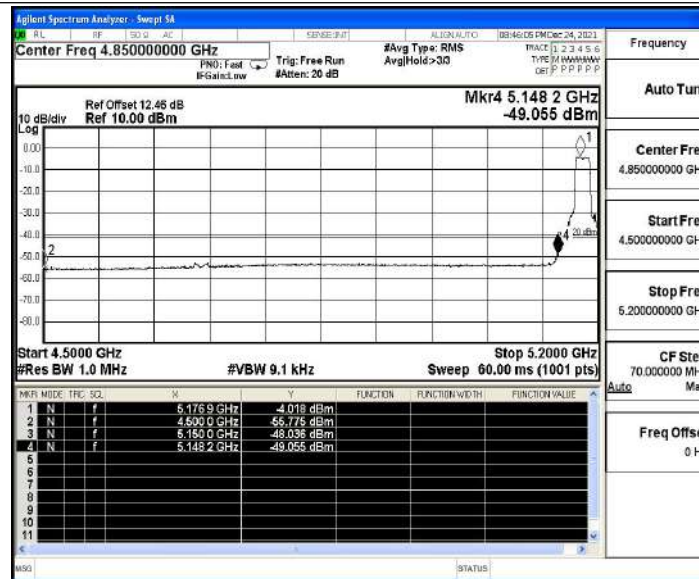
11N40SISO_Ant1_High_5230_AV



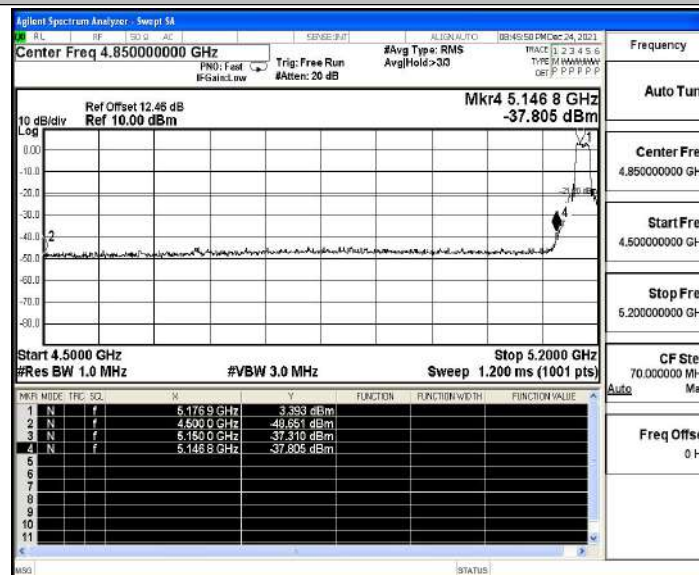
11N40SISO_Ant1_High_5230_Peak



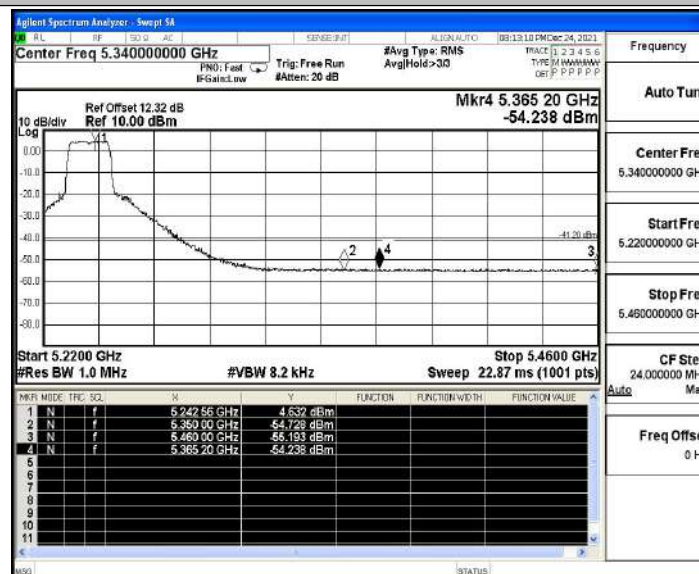
11AC20SISO_Ant1_Low_5180_AV



11AC20SISO_Ant1_Low_5180_Peak

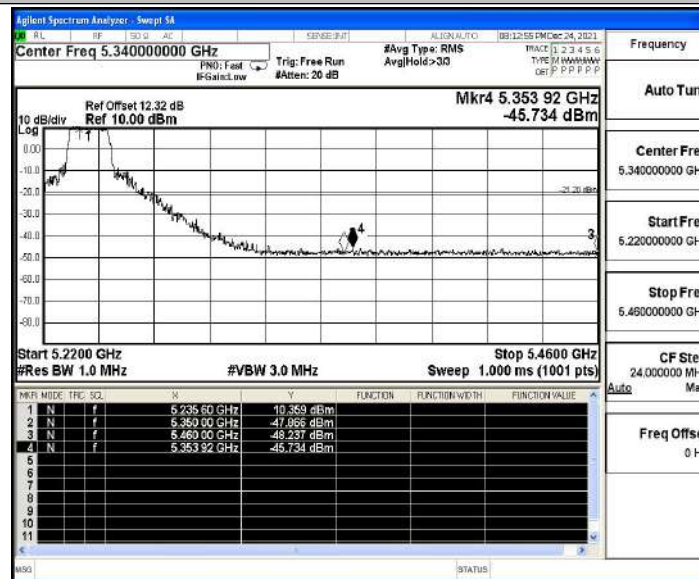


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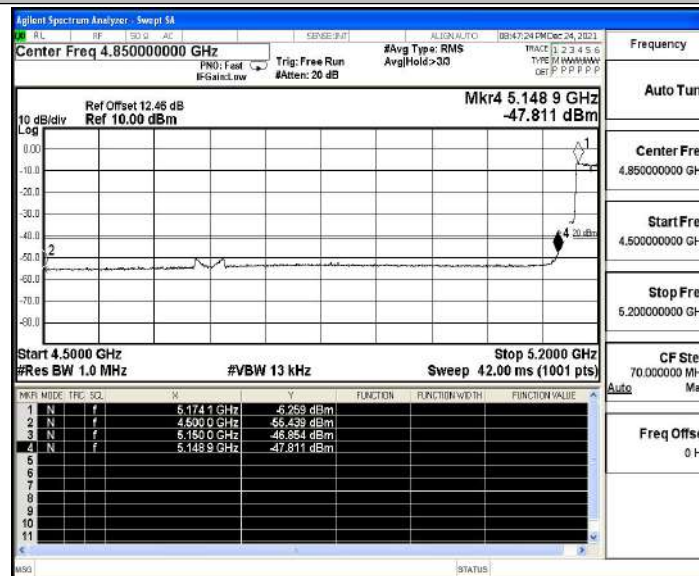




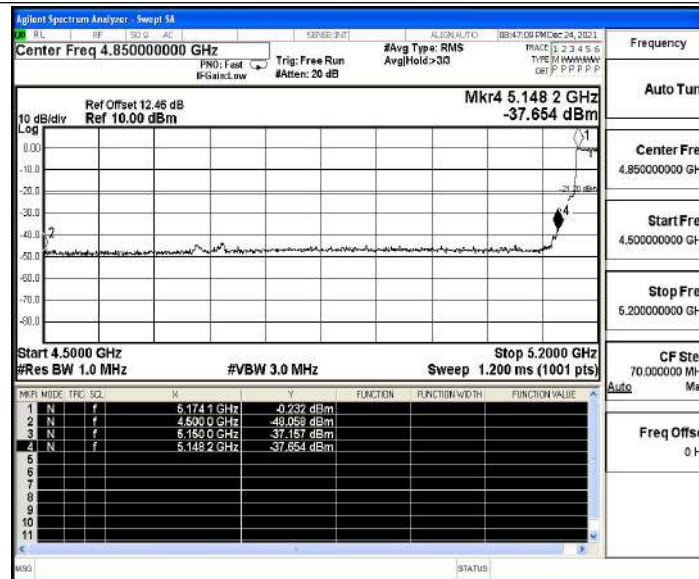
11AC20SISO_Ant1_High_5240_Peak



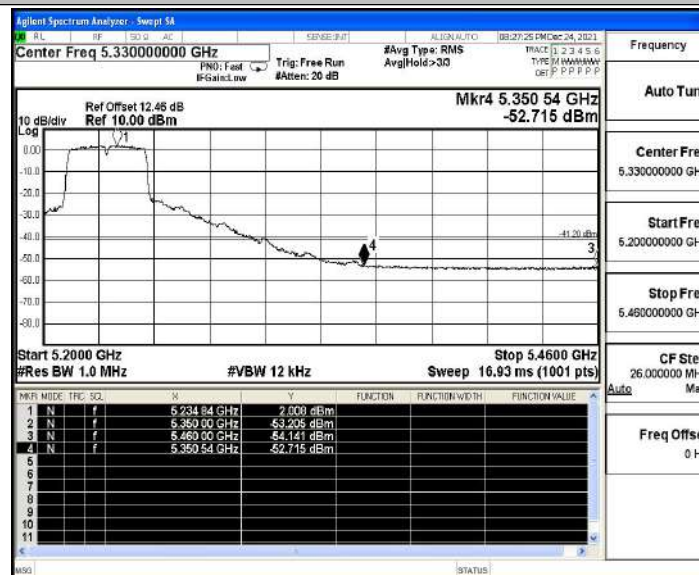
11AC40SISO_Ant1_Low_5190_AV



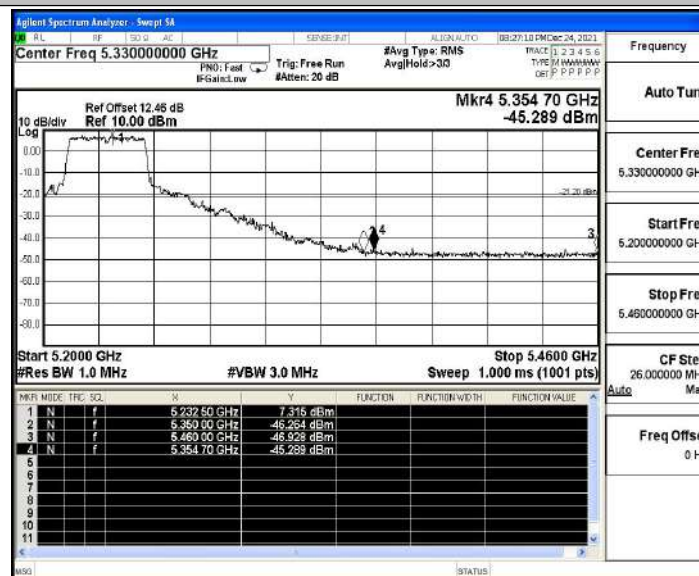
11AC40SISO_Ant1_Low_5190_Peak



11AC40SISO_Ant1_High_5230_AV

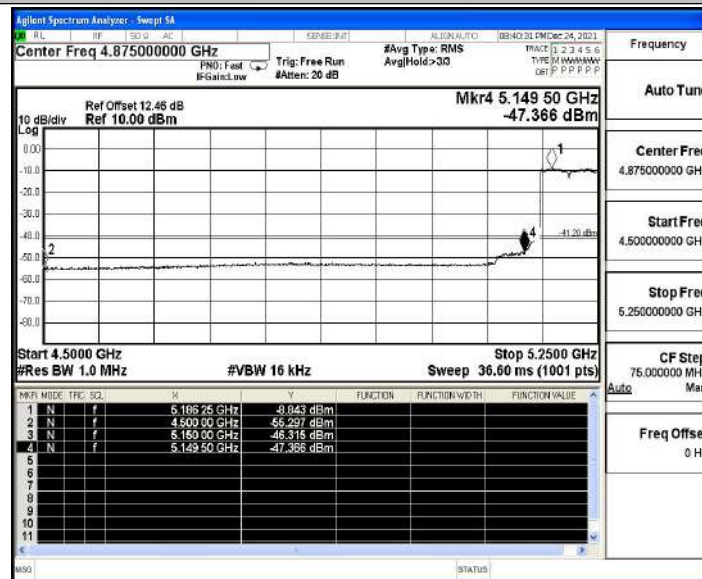


11AC40SISO_Ant1_High_5230_Peak

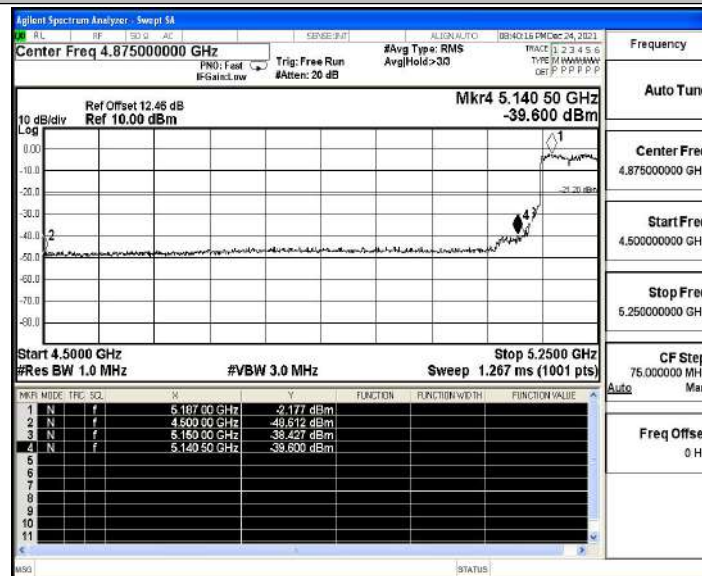




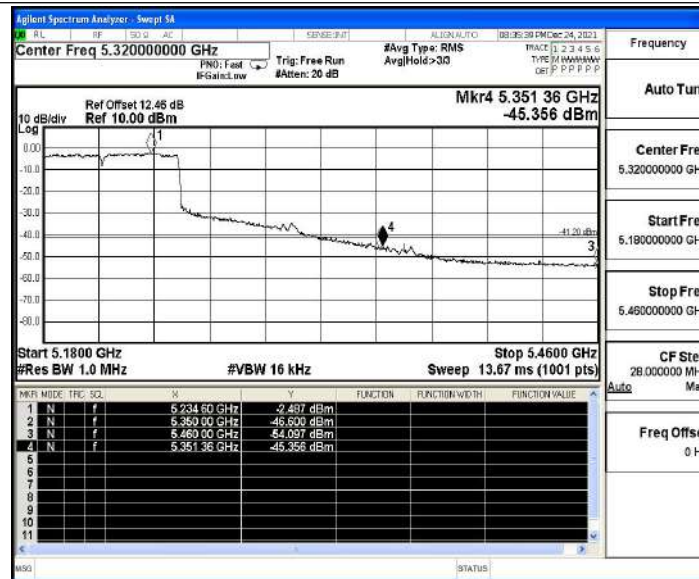
11AC80SISO_Ant1_Low_5210_AV



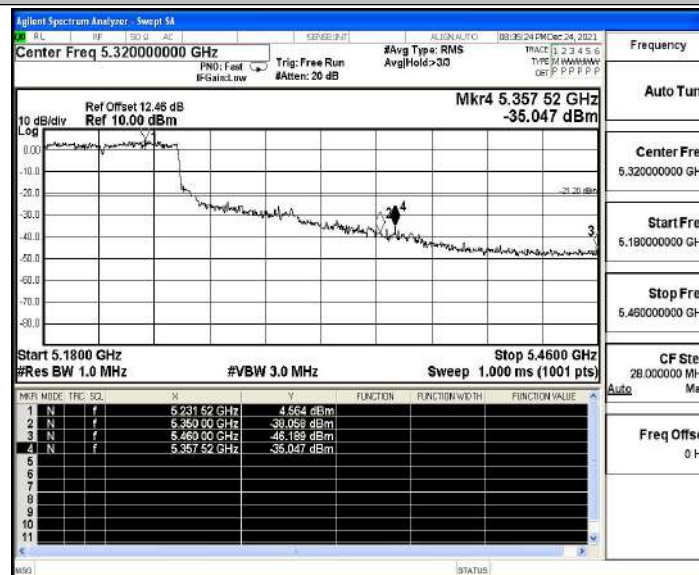
11AC80SISO_Ant1_Low_5210_Peak



11AC80SISO_Ant1_High_5210_AV



11AC80SISO_Ant1_High_5210_Peak





D.5 Frequency Stability

Test Result

Voltage								
TestMode	Antenna	Frequen cy[MHz]	Voltage [Vdc]	Temper ature (°C)	Deviation (Hz)	Deviation (ppm)	Limit (ppm)	Verdict
11A	Ant1	5180	NV	NT	-20000	-3.861004	20	PASS
			LV	NT	-20000	-3.861004	20	PASS
			HV	NT	-20000	-3.861004	20	PASS
		5200	NV	NT	-40000	-7.692308	20	PASS
			LV	NT	-20000	-3.846154	20	PASS
			HV	NT	-20000	-3.846154	20	PASS
		5240	NV	NT	-60000	-11.450382	20	PASS
			LV	NT	-20000	-3.816794	20	PASS
			HV	NT	-20000	-3.816794	20	PASS
11N20SI SO	Ant1	5180	NV	NT	-40000	-7.722008	20	PASS
			LV	NT	-60000	-11.583012	20	PASS
			HV	NT	-40000	-7.722008	20	PASS
		5200	NV	NT	-20000	-3.846154	20	PASS
			LV	NT	-20000	-3.846154	20	PASS
			HV	NT	-40000	-7.692308	20	PASS
		5240	NV	NT	-20000	-3.816794	20	PASS
			LV	NT	-20000	-3.816794	20	PASS
			HV	NT	-60000	-11.450382	20	PASS
11N40SI SO	Ant1	5190	NV	NT	-40000	-7.707129	20	PASS
			LV	NT	-40000	-7.707129	20	PASS
			HV	NT	-40000	-7.707129	20	PASS
		5230	NV	NT	-40000	-7.648184	20	PASS
			LV	NT	0	0	20	PASS
			HV	NT	-40000	-7.648184	20	PASS
11AC20S ISO	Ant1	5180	NV	NT	-40000	-7.722008	20	PASS
			LV	NT	-20000	-3.861004	20	PASS
			HV	NT	-40000	-7.722008	20	PASS
		5200	NV	NT	-40000	-7.692308	20	PASS
			LV	NT	-40000	-7.692308	20	PASS
			HV	NT	-40000	-7.692308	20	PASS
		5240	NV	NT	-40000	-7.633588	20	PASS
			LV	NT	-40000	-7.633588	20	PASS
			HV	NT	-20000	-3.816794	20	PASS
11AC40S ISO	Ant1	5190	NV	NT	-40000	-7.707129	20	PASS
			LV	NT	0	0	20	PASS
			HV	NT	-40000	-7.707129	20	PASS



11AC80S ISO	Ant1	5230	NV	NT	-40000	-7.648184	20	PASS
			LV	NT	-40000	-7.648184	20	PASS
			HV	NT	-40000	-7.648184	20	PASS
		5210	NV	NT	-80000	-15.355086	20	PASS
			LV	NT	-80000	-15.355086	20	PASS
			HV	NT	-80000	-15.355086	20	PASS

Temperature								
TestMode	Antenna	Frequen cy[MHz]	Voltage [Vdc]	Temper ature (°C)	Deviation (Hz)	Deviation (ppm)	Limit (ppm)	Verdict
11A	Ant1	5180	NV	-30	-40000	-7.722008	20	PASS
			NV	-20	-20000	-3.861004	20	PASS
			NV	-10	-20000	-3.861004	20	PASS
			NV	0	-20000	-3.861004	20	PASS
			NV	10	-40000	-7.722008	20	PASS
			NV	20	-20000	-3.861004	20	PASS
			NV	30	-40000	-7.722008	20	PASS
			NV	40	-20000	-3.861004	20	PASS
			NV	50	-20000	-3.861004	20	PASS
		5200	NV	-30	-20000	-3.846154	20	PASS
			NV	-20	-20000	-3.846154	20	PASS
			NV	-10	-40000	-7.692308	20	PASS
			NV	0	-40000	-7.692308	20	PASS
			NV	10	-20000	-3.846154	20	PASS
			NV	20	-40000	-7.692308	20	PASS
			NV	30	-40000	-7.692308	20	PASS
			NV	40	-40000	-7.692308	20	PASS
			NV	50	-20000	-3.846154	20	PASS
		5240	NV	-30	-40000	-7.633588	20	PASS
			NV	-20	-40000	-7.633588	20	PASS
			NV	-10	-20000	-3.816794	20	PASS
			NV	0	-40000	-7.633588	20	PASS
			NV	10	-20000	-3.816794	20	PASS
			NV	20	-20000	-3.816794	20	PASS
			NV	30	-20000	-3.816794	20	PASS
			NV	40	-40000	-7.633588	20	PASS
			NV	50	-40000	-7.633588	20	PASS
11N20SI SO	Ant1	5180	NV	-30	-20000	-3.861004	20	PASS
			NV	-20	-60000	-11.583012	20	PASS
			NV	-10	-40000	-7.722008	20	PASS
			NV	0	-20000	-3.861004	20	PASS
			NV	10	-20000	-3.861004	20	PASS
			NV	20	-20000	-3.861004	20	PASS



			NV	30	-40000	-7.722008	20	PASS
			NV	40	-20000	-3.861004	20	PASS
			NV	50	-40000	-7.722008	20	PASS
		5200	NV	-30	-20000	-3.846154	20	PASS
			NV	-20	-40000	-7.692308	20	PASS
			NV	-10	-40000	-7.692308	20	PASS
			NV	0	-60000	-11.538462	20	PASS
			NV	10	-40000	-7.692308	20	PASS
			NV	20	-20000	-3.846154	20	PASS
			NV	30	-40000	-7.692308	20	PASS
			NV	40	-40000	-7.692308	20	PASS
			NV	50	-40000	-7.692308	20	PASS
		5240	NV	-30	-20000	-3.816794	20	PASS
			NV	-20	-40000	-7.633588	20	PASS
			NV	-10	-20000	-3.816794	20	PASS
			NV	0	-20000	-3.816794	20	PASS
			NV	10	-20000	-3.816794	20	PASS
			NV	20	-40000	-7.633588	20	PASS
			NV	30	-20000	-3.816794	20	PASS
			NV	40	-20000	-3.816794	20	PASS
			NV	50	-40000	-7.633588	20	PASS
11N40SI SO	Ant1	5190	NV	-30	0	0	20	PASS
			NV	-20	0	0	20	PASS
			NV	-10	-80000	-15.414258	20	PASS
			NV	0	-40000	-7.707129	20	PASS
			NV	10	-40000	-7.707129	20	PASS
			NV	20	-40000	-7.707129	20	PASS
			NV	30	0	0	20	PASS
			NV	40	0	0	20	PASS
			NV	50	-80000	-15.414258	20	PASS
		5230	NV	-30	-40000	-7.648184	20	PASS
			NV	-20	-40000	-7.648184	20	PASS
			NV	-10	-40000	-7.648184	20	PASS
			NV	0	-40000	-7.648184	20	PASS
			NV	10	-40000	-7.648184	20	PASS
			NV	20	0	0	20	PASS
			NV	30	-40000	-7.648184	20	PASS
			NV	40	-40000	-7.648184	20	PASS
			NV	50	-40000	-7.648184	20	PASS
11AC20S ISO	Ant1	5180	NV	-30	-40000	-7.722008	20	PASS
			NV	-20	-40000	-7.722008	20	PASS
			NV	-10	-40000	-7.722008	20	PASS
			NV	0	-20000	-3.861004	20	PASS



			NV	10	-40000	-7.722008	20	PASS
			NV	20	-40000	-7.722008	20	PASS
			NV	30	-40000	-7.722008	20	PASS
			NV	40	-20000	-3.861004	20	PASS
			NV	50	-40000	-7.722008	20	PASS
		5200	NV	-30	-40000	-7.692308	20	PASS
			NV	-20	-40000	-7.692308	20	PASS
			NV	-10	-40000	-7.692308	20	PASS
			NV	0	-40000	-7.692308	20	PASS
			NV	10	-40000	-7.692308	20	PASS
			NV	20	-20000	-3.846154	20	PASS
			NV	30	-20000	-3.846154	20	PASS
			NV	40	-20000	-3.846154	20	PASS
			NV	50	0	0	20	PASS
		5240	NV	-30	-20000	-3.816794	20	PASS
			NV	-20	-40000	-7.633588	20	PASS
			NV	-10	-40000	-7.633588	20	PASS
			NV	0	-40000	-7.633588	20	PASS
			NV	10	-40000	-7.633588	20	PASS
			NV	20	-40000	-7.633588	20	PASS
			NV	30	-20000	-3.816794	20	PASS
			NV	40	-40000	-7.633588	20	PASS
			NV	50	-40000	-7.633588	20	PASS
11AC40S ISO	Ant1	5190	NV	-30	0	0	20	PASS
			NV	-20	0	0	20	PASS
			NV	-10	-40000	-7.707129	20	PASS
			NV	0	-40000	-7.707129	20	PASS
			NV	10	-40000	-7.707129	20	PASS
			NV	20	-40000	-7.707129	20	PASS
			NV	30	-40000	-7.707129	20	PASS
			NV	40	-40000	-7.707129	20	PASS
			NV	50	-40000	-7.707129	20	PASS
		5230	NV	-30	0	0	20	PASS
			NV	-20	0	0	20	PASS
			NV	-10	-40000	-7.648184	20	PASS
			NV	0	0	0	20	PASS
			NV	10	-40000	-7.648184	20	PASS
			NV	20	0	0	20	PASS
			NV	30	0	0	20	PASS
			NV	40	0	0	20	PASS
			NV	50	-40000	-7.648184	20	PASS
11AC80S ISO	Ant1	5210	NV	-30	-80000	-15.355086	20	PASS
			NV	-20	-80000	-15.355086	20	PASS



			NV	-10	-80000	-15.355086	20	PASS
			NV	0	0	0	20	PASS
			NV	10	-80000	-15.355086	20	PASS
			NV	20	-80000	-15.355086	20	PASS
			NV	30	0	0	20	PASS
			NV	40	-80000	-15.355086	20	PASS
			NV	50	-80000	-15.355086	20	PASS



D.6 Duty Cycle

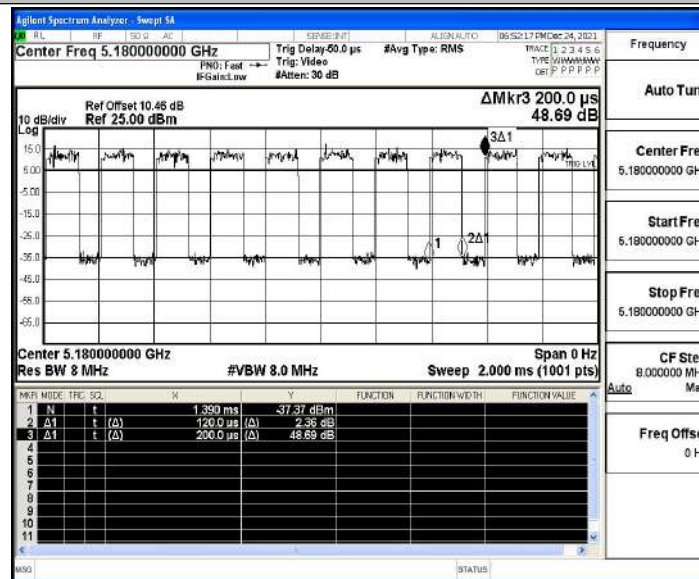
Test Result

TestMode	Antenna	Frequency[MHz]	Transmission Duration [ms]	Transmission Period [ms]	Duty Cycle [%]
11A	Ant1	5180	0.12	0.20	60.00
		5200	0.12	0.20	60.00
		5240	0.12	0.20	60.00
11N20SISO	Ant1	5180	0.12	0.20	60.00
		5200	0.11	0.19	57.89
		5240	0.12	0.20	60.00
11N40SISO	Ant1	5190	0.07	0.16	43.75
		5230	0.07	0.15	46.67
11AC20SISO	Ant1	5180	0.12	0.20	60.00
		5200	0.13	0.21	61.90
		5240	0.13	0.21	61.90
11AC40SISO	Ant1	5190	0.08	0.16	50.00
		5230	0.09	0.17	52.94
11AC80SISO	Ant1	5210	0.07	0.15	46.67

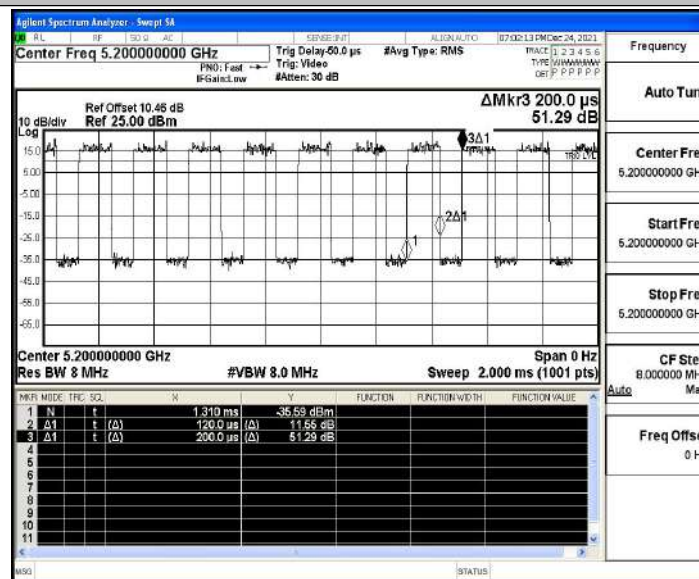


Test Graphs

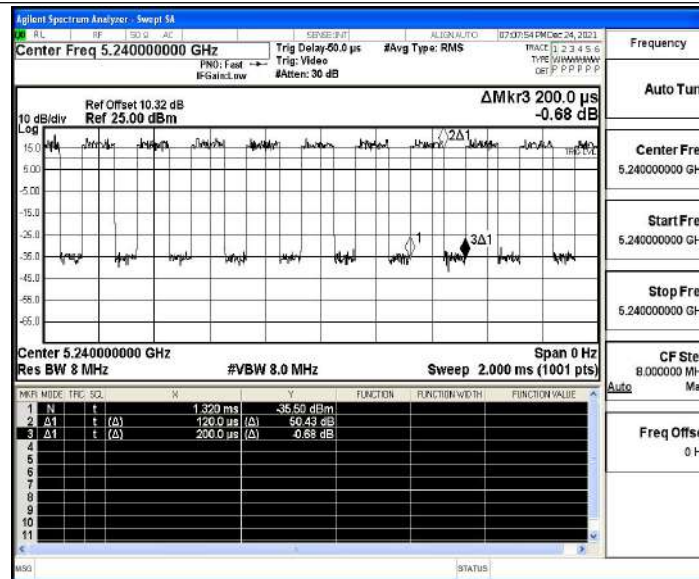
11A_Ant1_5180



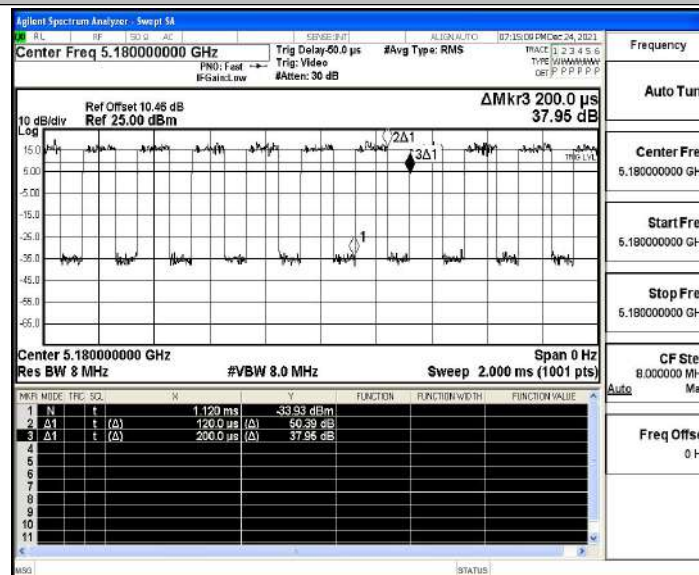
11A_Ant1_5200



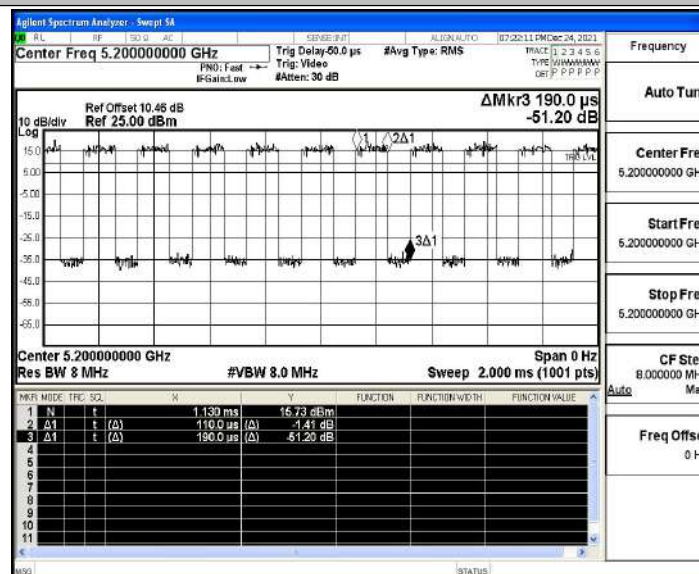
11A_Ant1_5240



11N20SISO_Ant1_5180

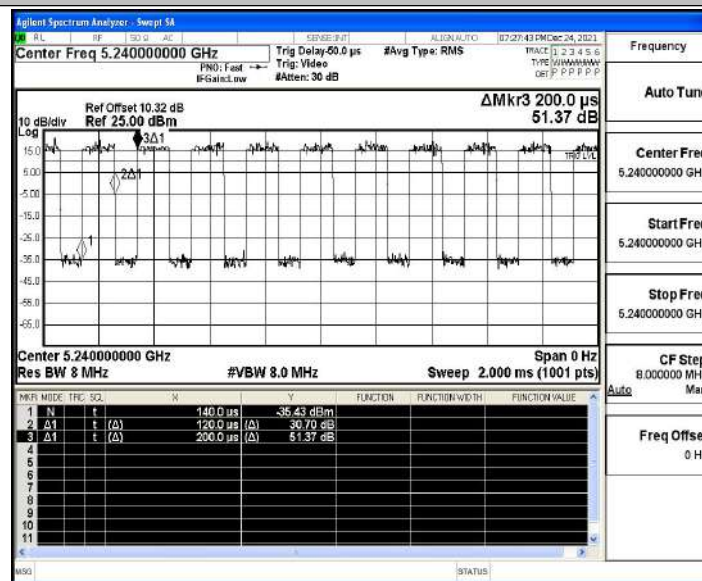


11N20SISO_Ant1_5200

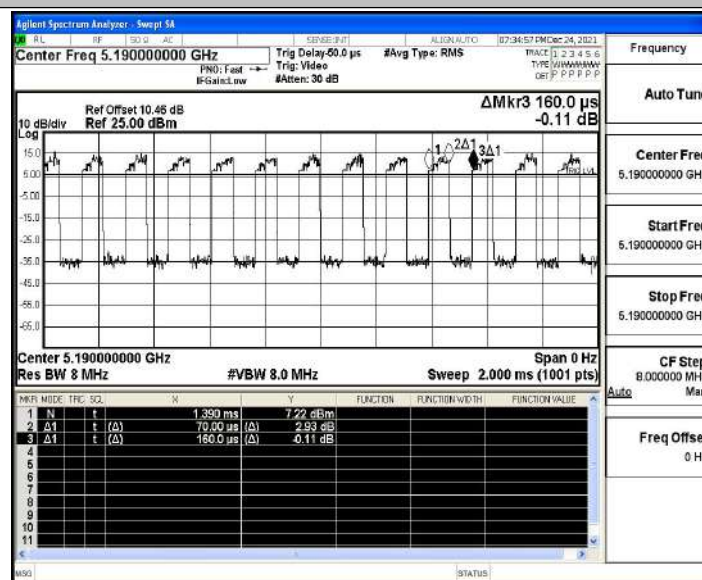




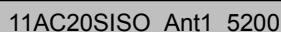
11N20SISO_Ant1_5240



11N40SISO_Ant1_5190

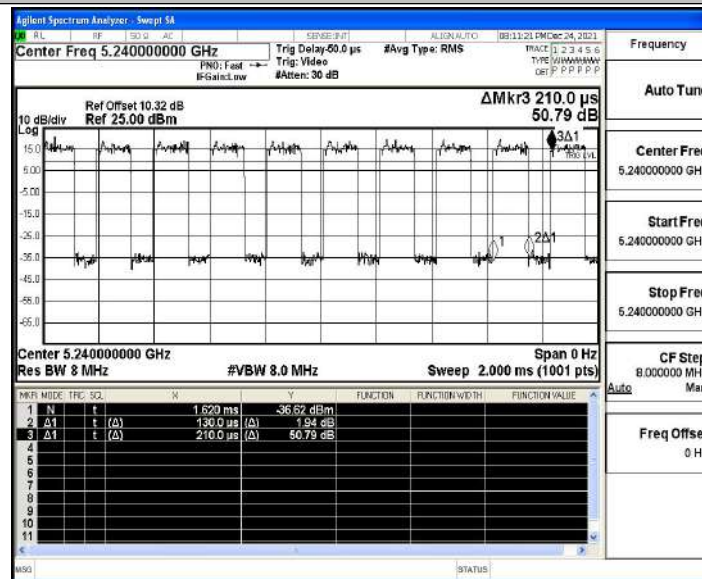


11N40SISO_Ant1_5230

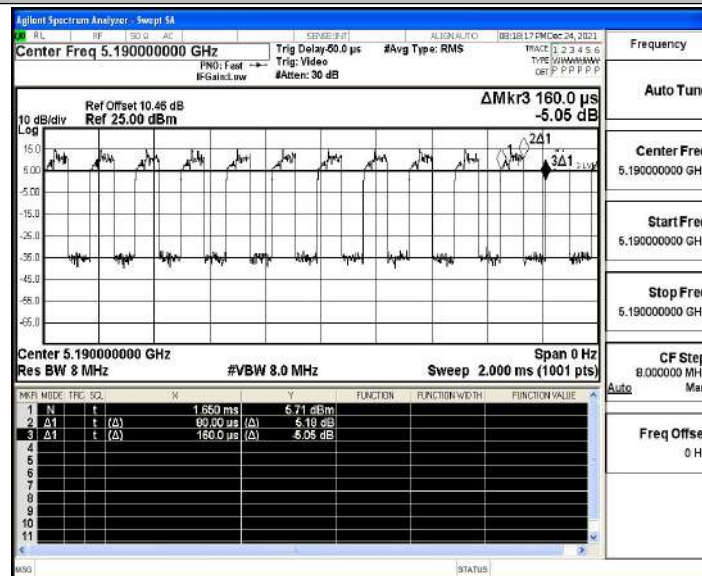




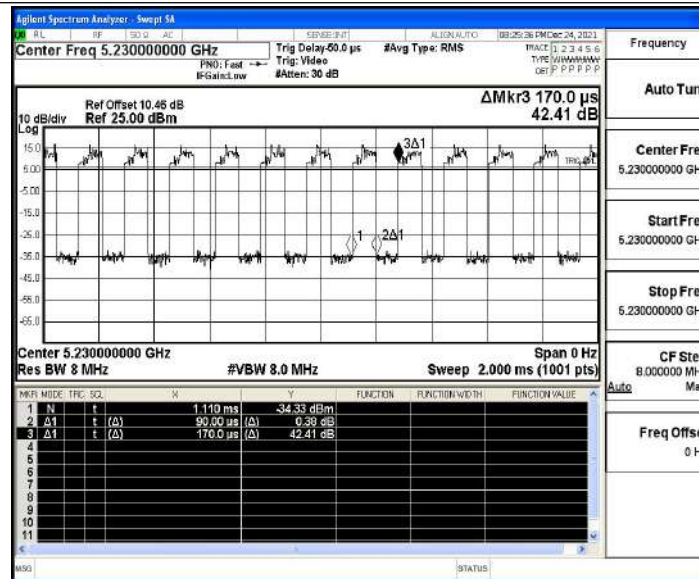
11AC20SISO_Ant1_5240



11AC40SISO_Ant1_5190



11AC40SISO_Ant1_5230



11AC80SISO_Ant1_5210

