



Appendix D

RF Test Data for 5.3G&5.5G WIFI (Conducted Measurement)

Product Name: Key cutting machine

Trade Mark: XTOOL

Test Model: KNC81

Environmental Conditions

Temperature:	21.1° C
Relative Humidity:	52.1%
ATM Pressure:	100.0 kPa
Test Engineer:	Monkey Li
Supervised by:	Li Huan



D.1 Duty Cycle

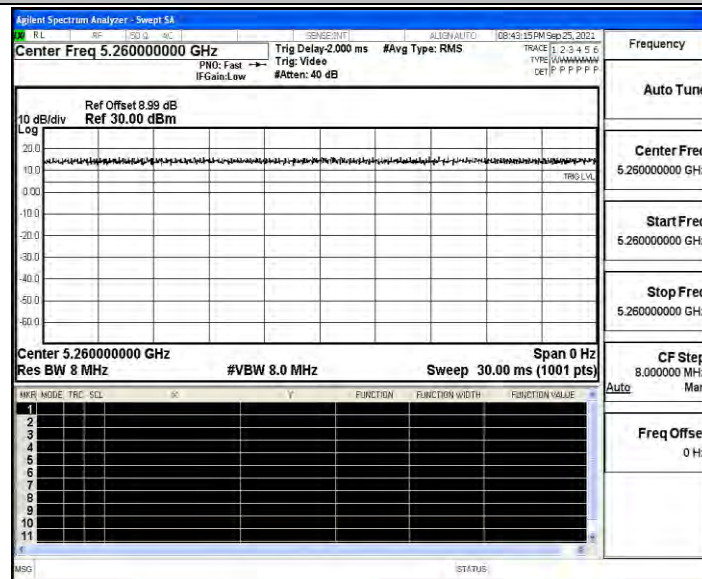
Test Result

TestMode	Antenna	Channel	Transmission Duration [ms]	Transmission Period [ms]	Duty Cycle [%]	Limit	Verdict
11A	Ant1	5260	30.00	30.00	100.00	---	PASS
		5280	30.00	30.00	100.00	---	PASS
		5320	30.00	30.00	100.00	---	PASS
		5500	30.00	30.00	100.00	---	PASS
		5580	30.00	30.00	100.00	---	PASS
		5700	30.00	30.00	100.00	---	PASS
11N20SISO	Ant1	5260	30.00	30.00	100.00	---	PASS
		5280	30.00	30.00	100.00	---	PASS
		5320	30.00	30.00	100.00	---	PASS
		5500	30.00	30.00	100.00	---	PASS
		5580	30.00	30.00	100.00	---	PASS
		5700	30.00	30.00	100.00	---	PASS
11N40SISO	Ant1	5270	30.00	30.00	100.00	---	PASS
		5310	30.00	30.00	100.00	---	PASS
		5510	30.00	30.00	100.00	---	PASS
		5550	30.00	30.00	100.00	---	PASS
		5670	30.00	30.00	100.00	---	PASS
11AC20SISO	Ant1	5260	30.00	30.00	100.00	---	PASS
		5280	30.00	30.00	100.00	---	PASS
		5320	30.00	30.00	100.00	---	PASS
		5500	30.00	30.00	100.00	---	PASS
		5580	30.00	30.00	100.00	---	PASS
		5700	30.00	30.00	100.00	---	PASS
11AC40SISO	Ant1	5270	30.00	30.00	100.00	---	PASS
		5310	30.00	30.00	100.00	---	PASS
		5510	30.00	30.00	100.00	---	PASS
		5550	30.00	30.00	100.00	---	PASS
		5670	30.00	30.00	100.00	---	PASS
11AC80SISO	Ant1	5290	30.00	30.00	100.00	---	PASS
		5530	30.00	30.00	100.00	---	PASS
		5610	30.00	30.00	100.00	---	PASS

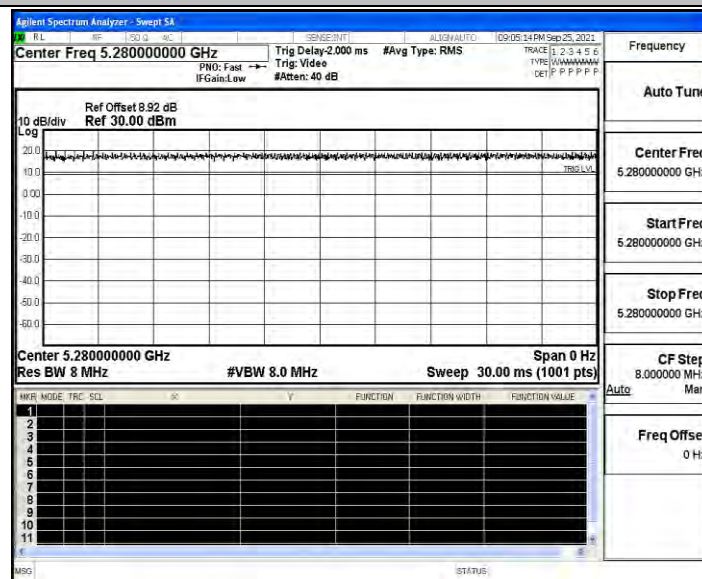


Test Graphs

11A_Ant1_5260



11A_Ant1_5280

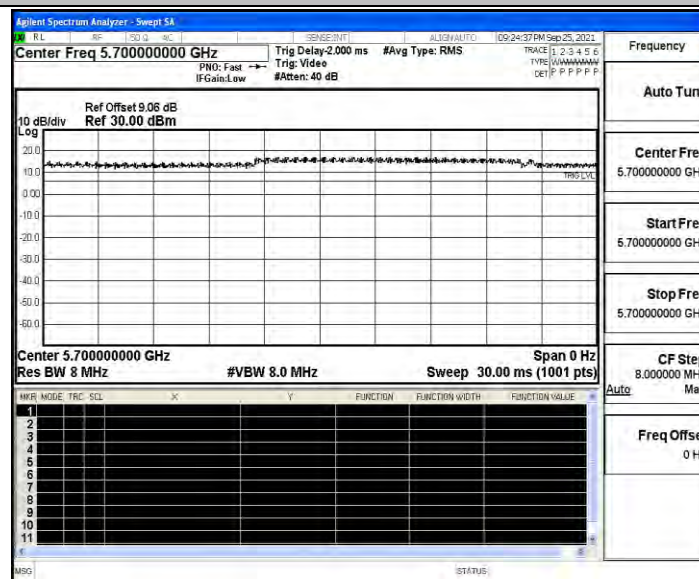


11A_Ant1_5320

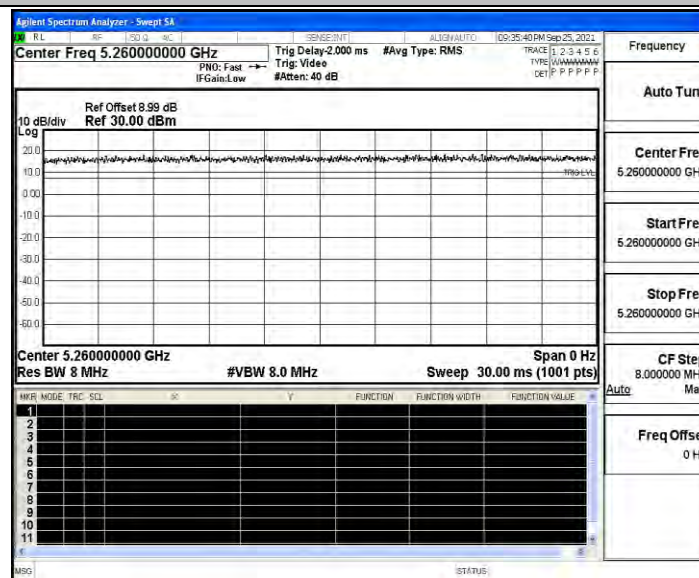




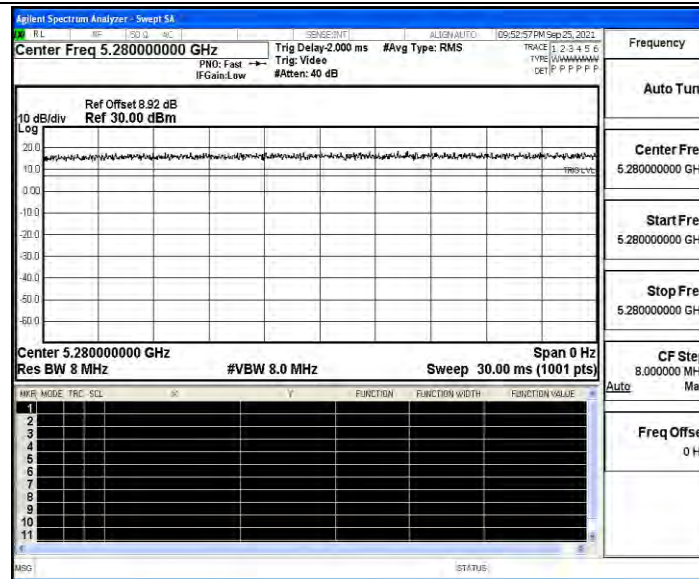
11A_Ant1_5700



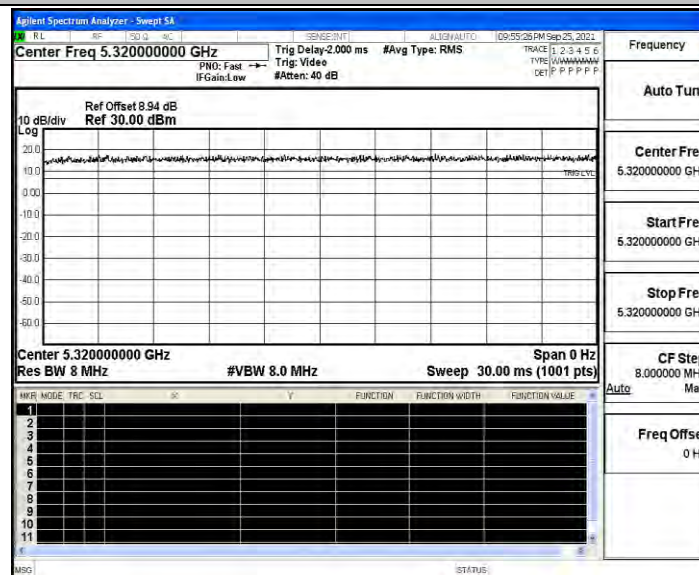
11N20SISO_Ant1_5260



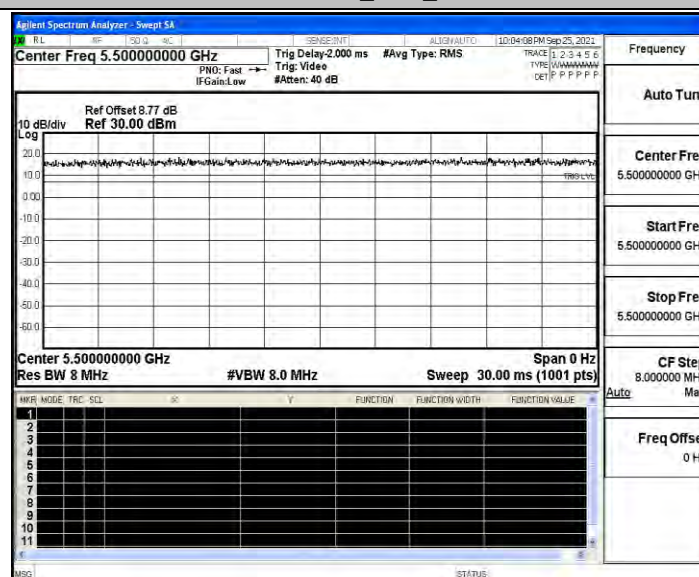
11N20SISO_Ant1_5280



11N20SISO_Ant1_5320

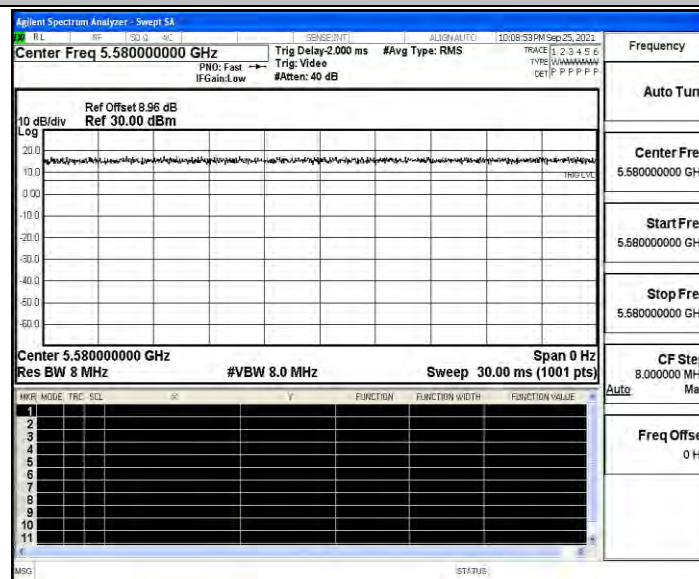


11N20SISO_Ant1_5500

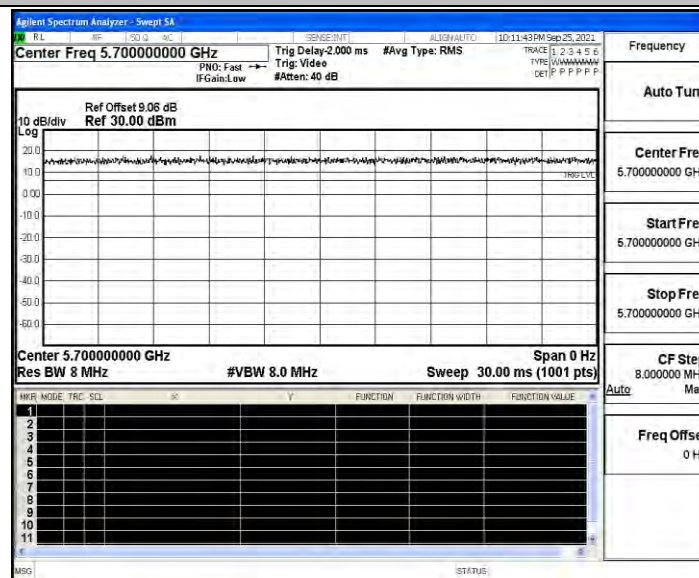




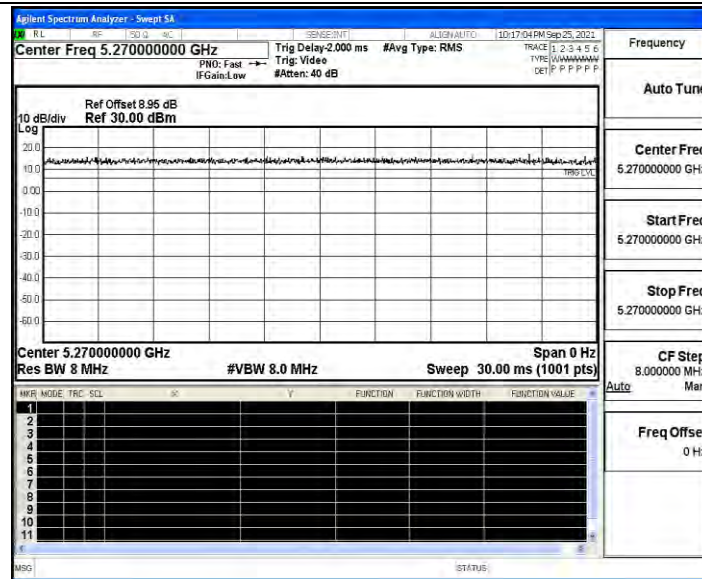
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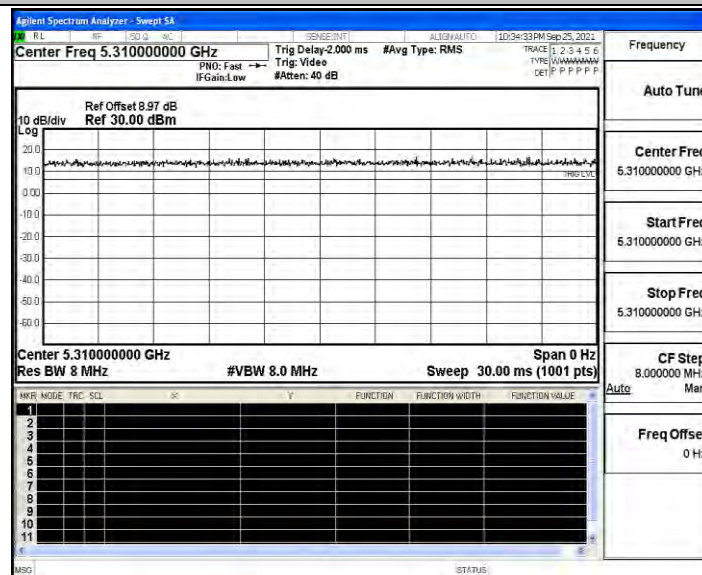
11N20SISO_Ant1_5700



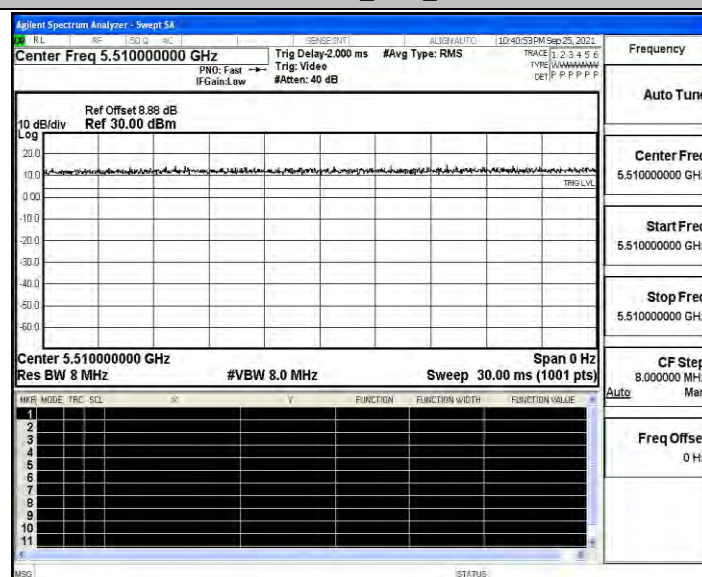
11N40SISO_Ant1_5270



11N40SISO_Ant1_5310

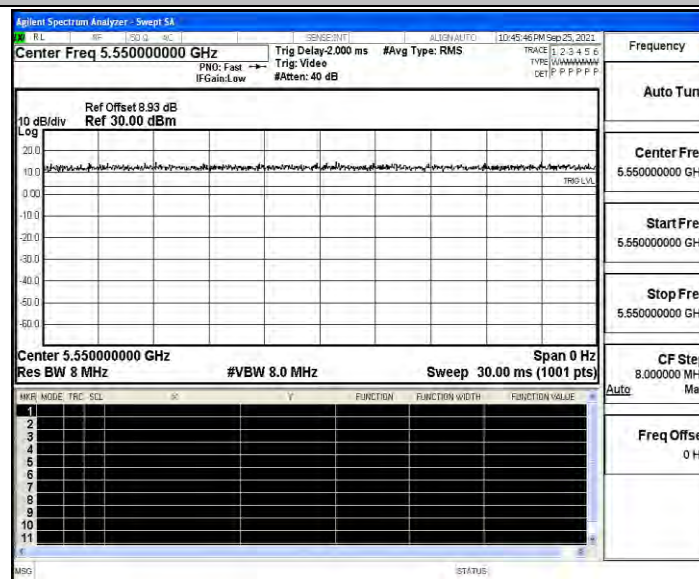


11N40SISO_Ant1_5510

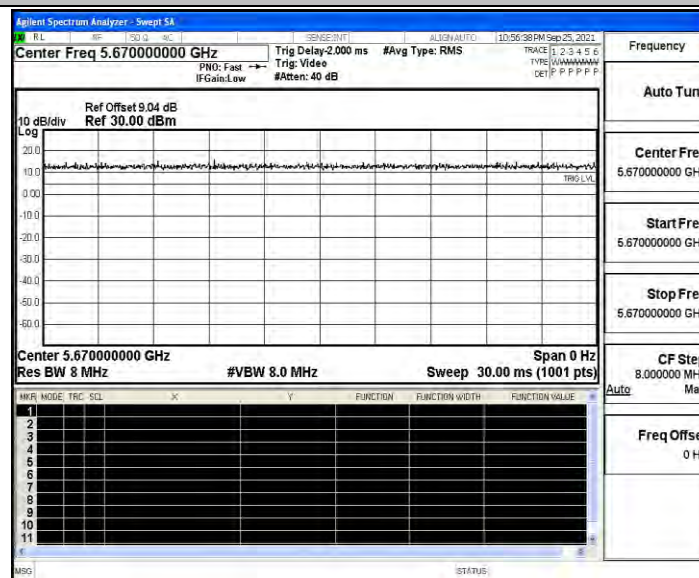




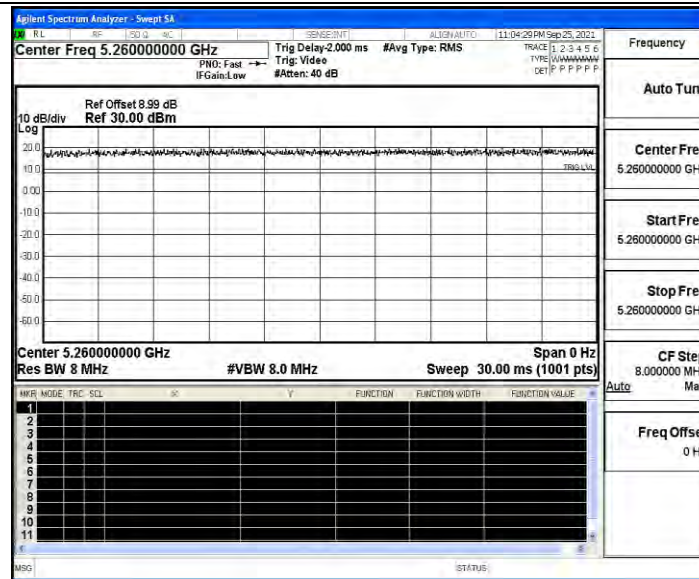
11N40SISO_Ant1_5550



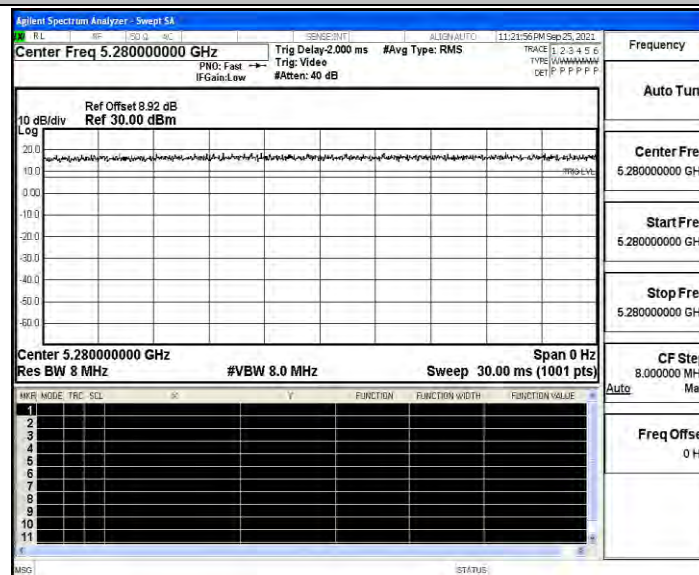
11N40SISO_Ant1_5670



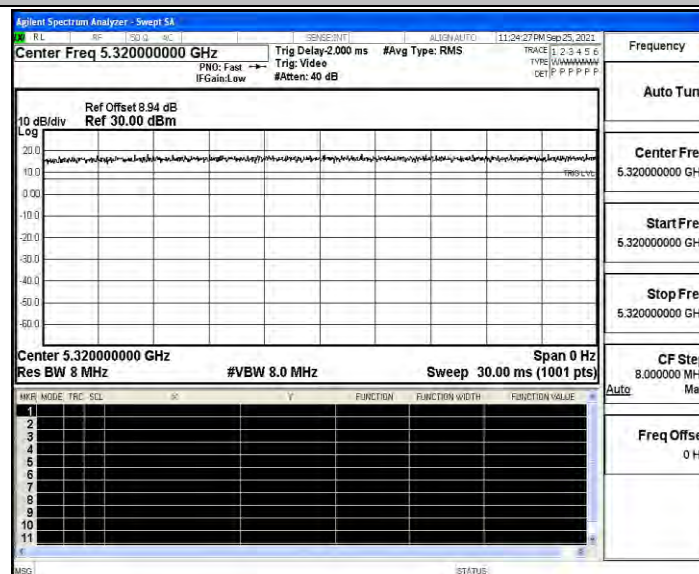
11AC20SISO_Ant1_5260



11AC20SISO_Ant1_5280

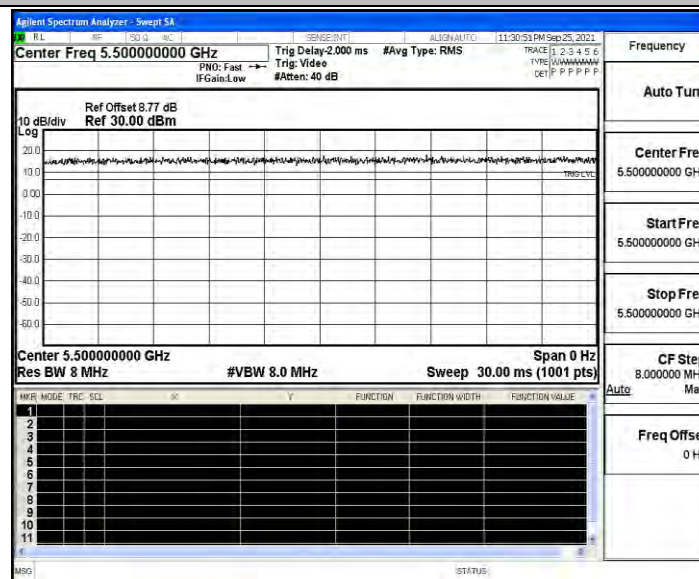


11AC20SISO_Ant1_5320

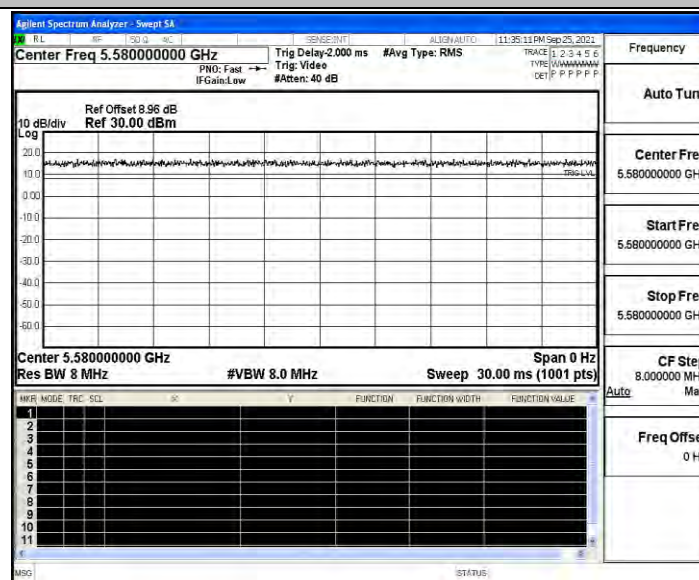




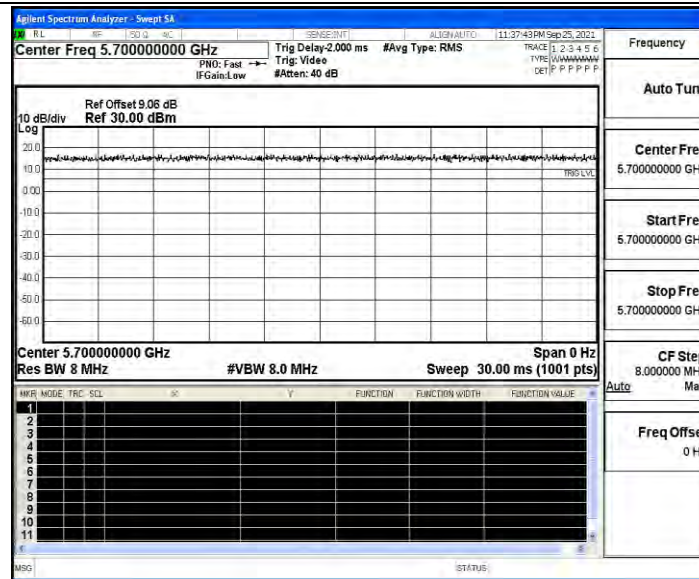
11AC20SISO_Ant1_5500



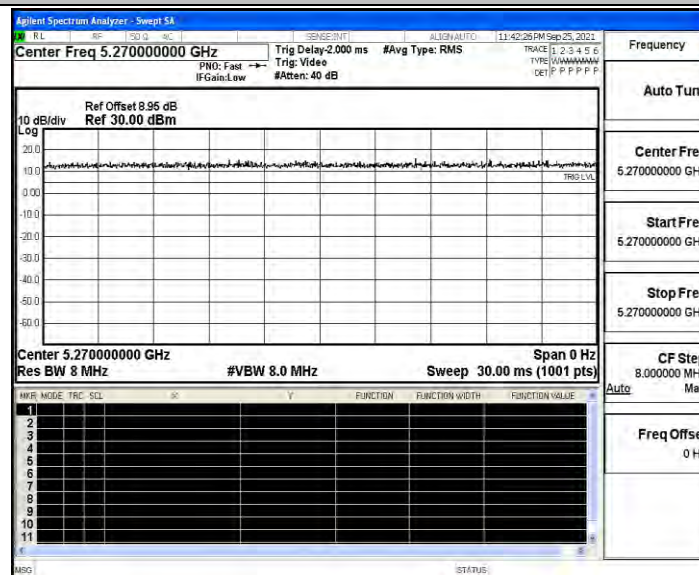
11AC20SISO_Ant1_5580



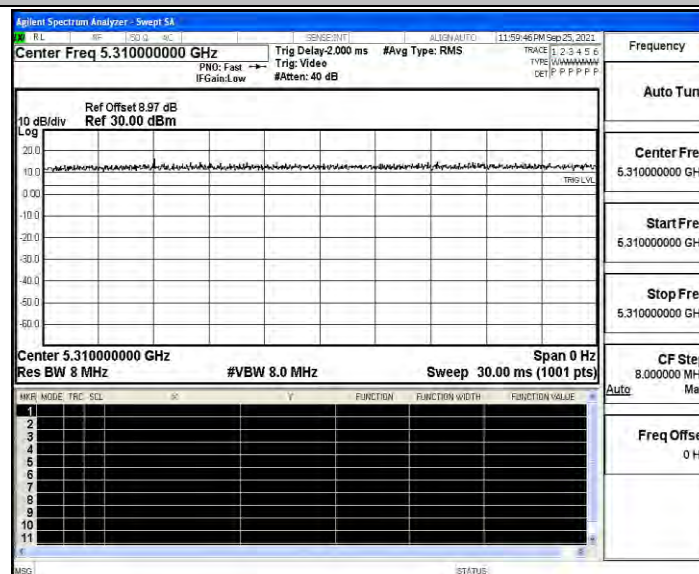
11AC20SISO_Ant1_5700



11AC40SISO_Ant1_5270

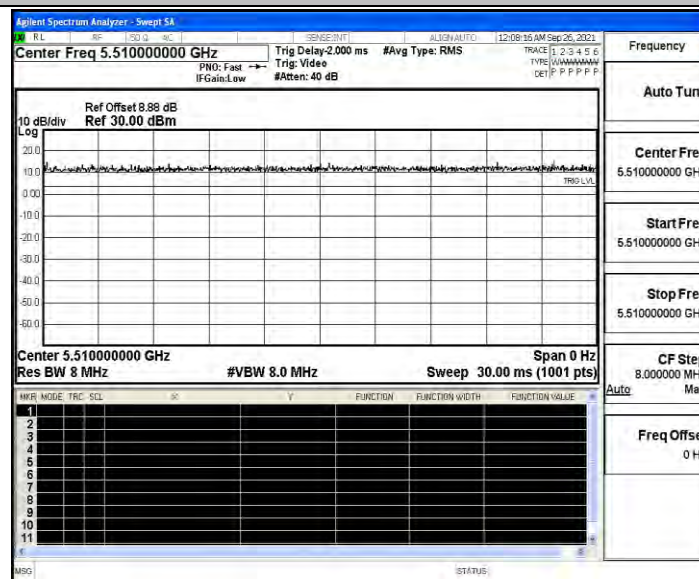


11AC40SISO_Ant1_5310

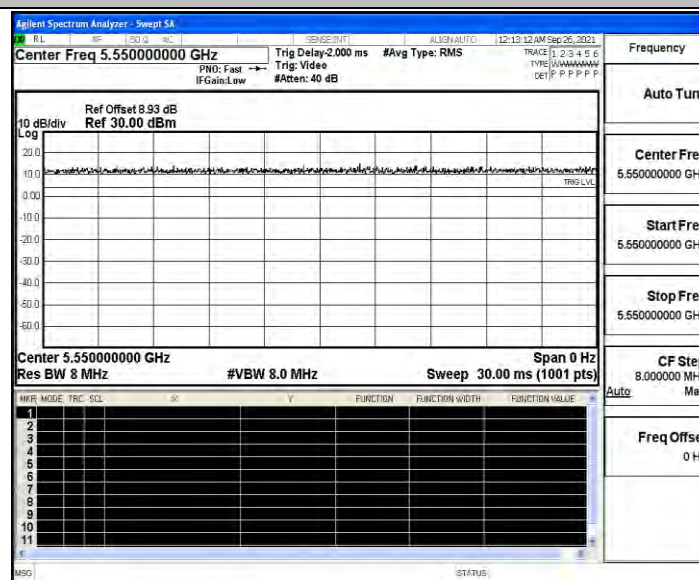




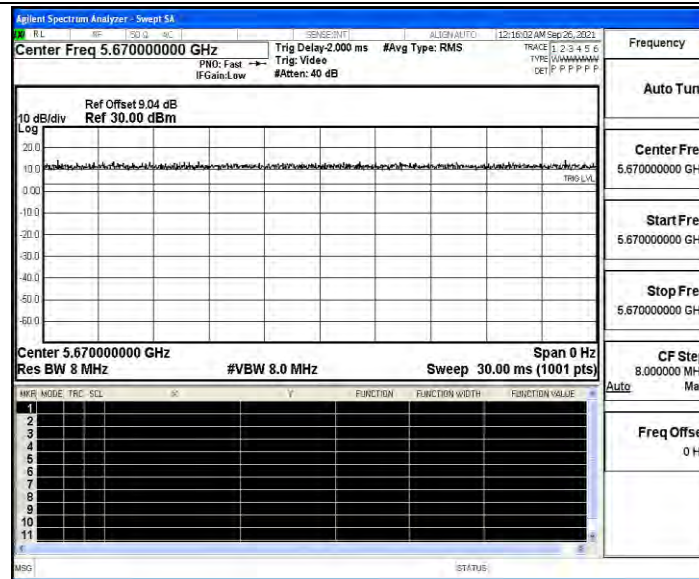
11AC40SISO_Ant1_5510



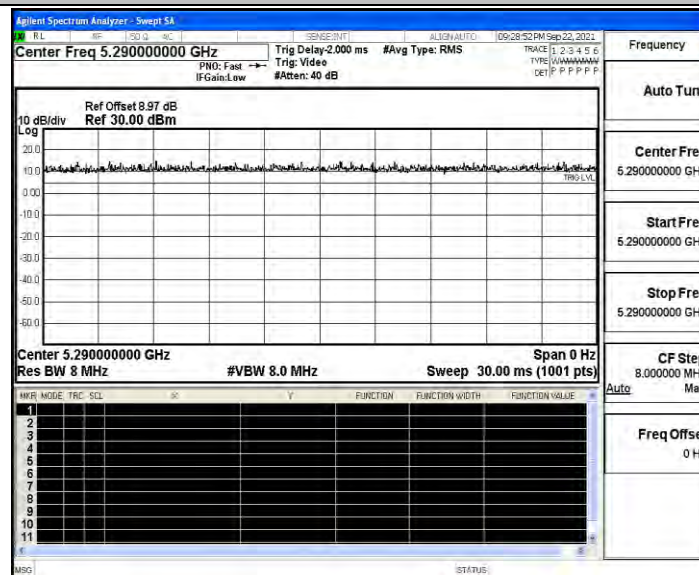
11AC40SISO_Ant1_5550



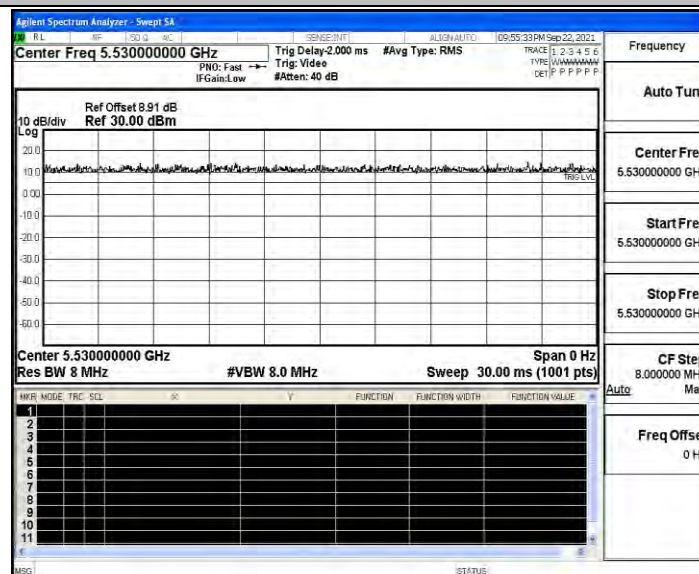
11AC40SISO_Ant1_5670



11AC80SISO_Ant1_5290

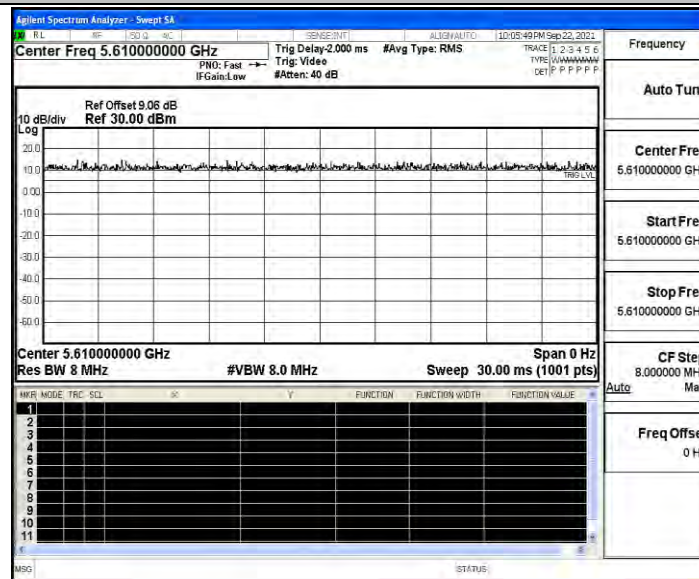


11AC80SISO_Ant1_5530





11AC80SISO_Ant1_5610





D.2 Maximum conducted output power

Test Result

TestMode	Antenna	Channel	Result[dBm]	Limit[dBm]	Verdict
11A	Ant1	5260	10.34	≤23.95	PASS
		5280	12.38	≤23.86	PASS
		5320	11.77	≤23.93	PASS
		5500	10.65	≤23.95	PASS
		5580	10.20	≤23.97	PASS
		5700	10.84	≤23.93	PASS
11N20SISO	Ant1	5260	11.04	≤23.94	PASS
		5280	10.97	≤23.96	PASS
		5320	10.84	≤23.97	PASS
		5500	10.63	≤23.97	PASS
		5580	10.07	≤23.98	PASS
		5700	10.19	≤23.98	PASS
11N40SISO	Ant1	5270	12.62	≤23.98	PASS
		5310	12.60	≤23.98	PASS
		5510	11.11	≤23.98	PASS
		5550	11.01	≤23.98	PASS
		5670	11.36	≤23.98	PASS
11AC20SISO	Ant1	5260	12.81	≤23.98	PASS
		5280	11.32	≤23.98	PASS
		5320	11.30	≤23.95	PASS
		5500	10.19	≤23.98	PASS
		5580	10.06	≤23.98	PASS
		5700	10.16	≤23.98	PASS
11AC40SISO	Ant1	5270	11.75	≤23.98	PASS
		5310	11.35	≤23.98	PASS
		5510	10.55	≤23.98	PASS
		5550	10.53	≤23.98	PASS
		5670	10.14	≤23.98	PASS
11AC80SISO	Ant1	5290	12.50	≤23.98	PASS
		5530	12.63	≤23.98	PASS
		5610	12.47	≤23.98	PASS

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



D.3 Maximum power spectral density

Test Result

TestMode	Antenna	Channel	Result [dBm/MHz]	Limit[dBm/MHz]	Verdict
11A	Ant1	5260	-0.86	≤11	PASS
		5280	2.17	≤11	PASS
		5320	1.73	≤11	PASS
		5500	0.81	≤11	PASS
		5580	0.05	≤11	PASS
		5700	0.29	≤11	PASS
11N20SISO	Ant1	5260	0.58	≤11	PASS
		5280	0.76	≤11	PASS
		5320	0.53	≤11	PASS
		5500	0.55	≤11	PASS
		5580	-0.17	≤11	PASS
		5700	0.08	≤11	PASS
11N40SISO	Ant1	5270	-1.44	≤11	PASS
		5310	-1.92	≤11	PASS
		5510	-2.58	≤11	PASS
		5550	-2.59	≤11	PASS
		5670	-2.47	≤11	PASS
11AC20SISO	Ant1	5260	2.39	≤11	PASS
		5280	1.54	≤11	PASS
		5320	1.21	≤11	PASS
		5500	0.13	≤11	PASS
		5580	-0.22	≤11	PASS
		5700	-0.24	≤11	PASS
11AC40SISO	Ant1	5270	-2.01	≤11	PASS
		5310	-2.63	≤11	PASS
		5510	-3.06	≤11	PASS
		5550	-3.35	≤11	PASS
		5670	-3.71	≤11	PASS
11AC80SISO	Ant1	5290	-4.06	≤11	PASS
		5530	-3.61	≤11	PASS
		5610	-3.98	≤11	PASS

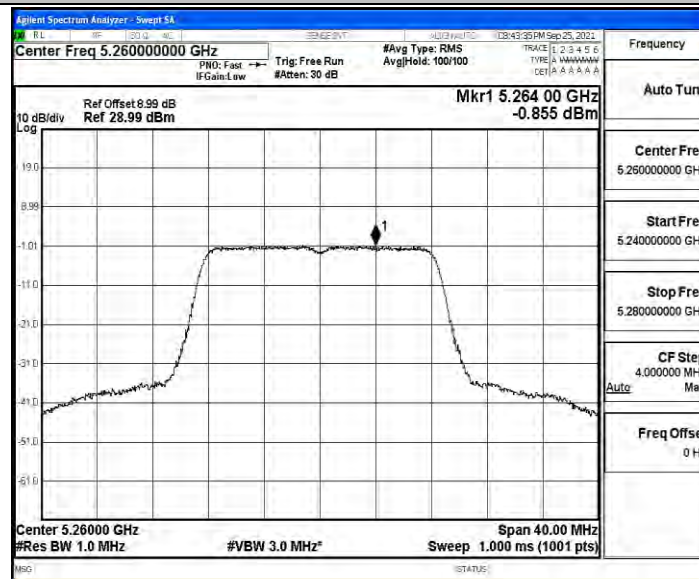
Note: 1.The Result and Limit Unit is dBm/500 kHz in the band 5.725–5.85 GHz.

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

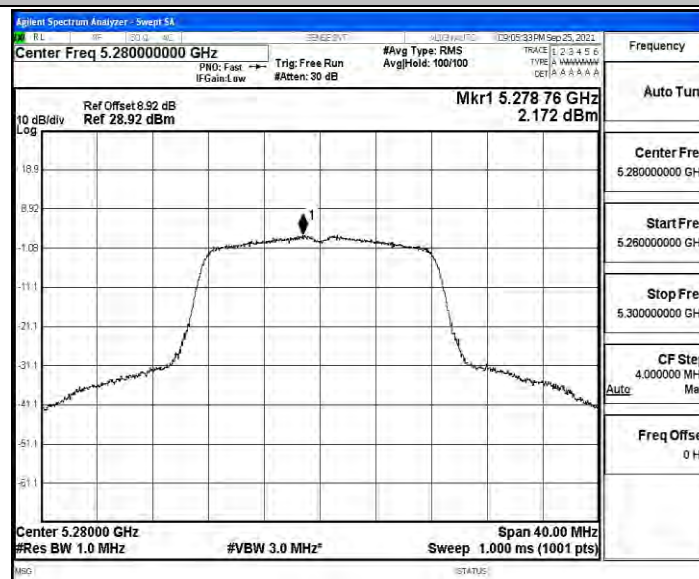


Test Graphs

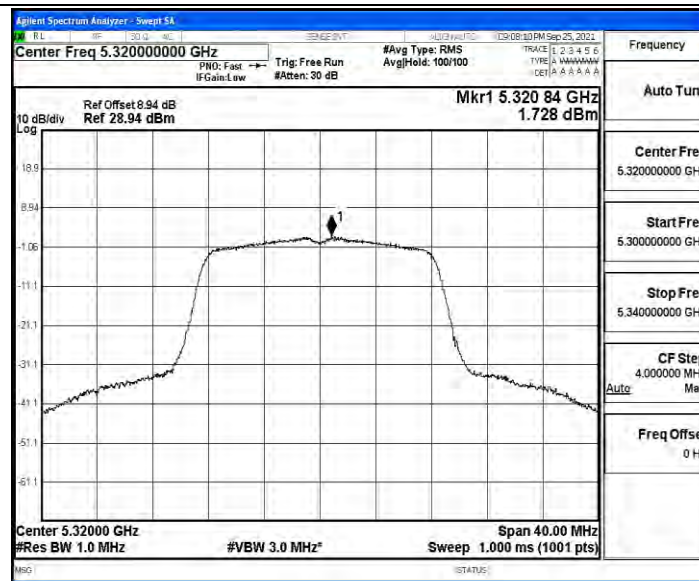
11A_Ant1_5260



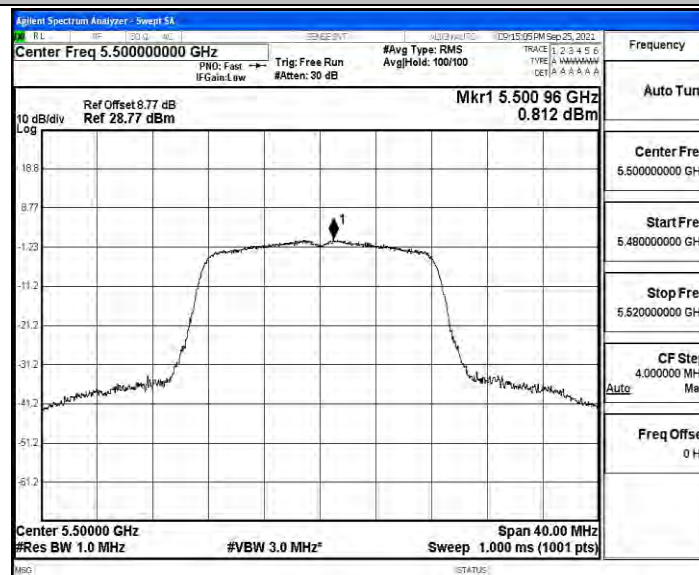
11A_Ant1_5280



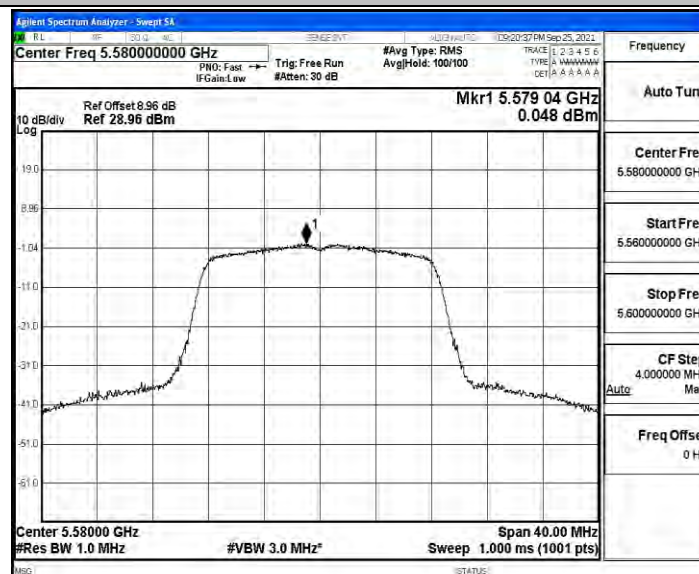
11A_Ant1_5320



11A_Ant1_5500

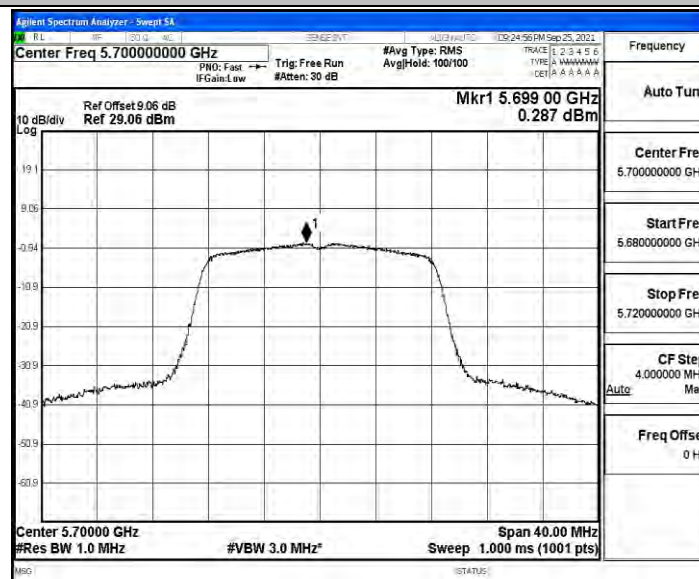


11A_Ant1_5580

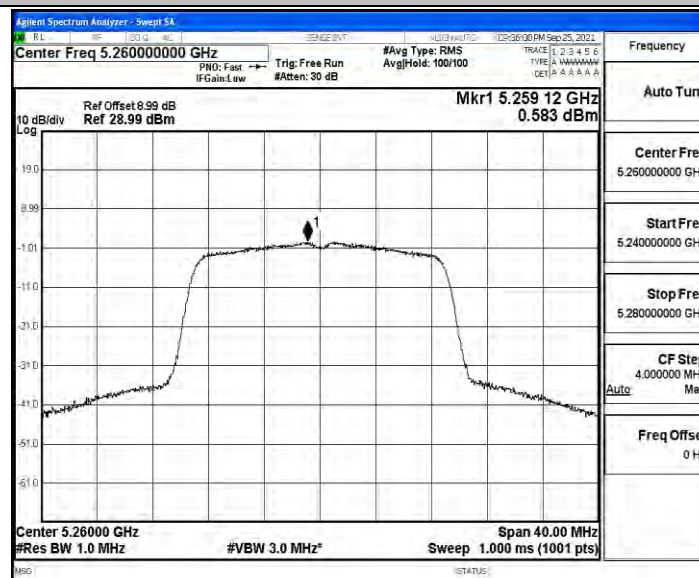




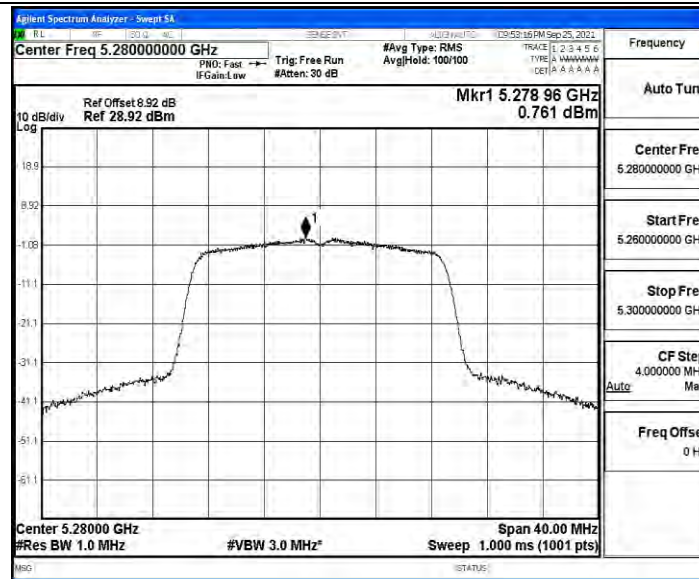
11A_Ant1_5700



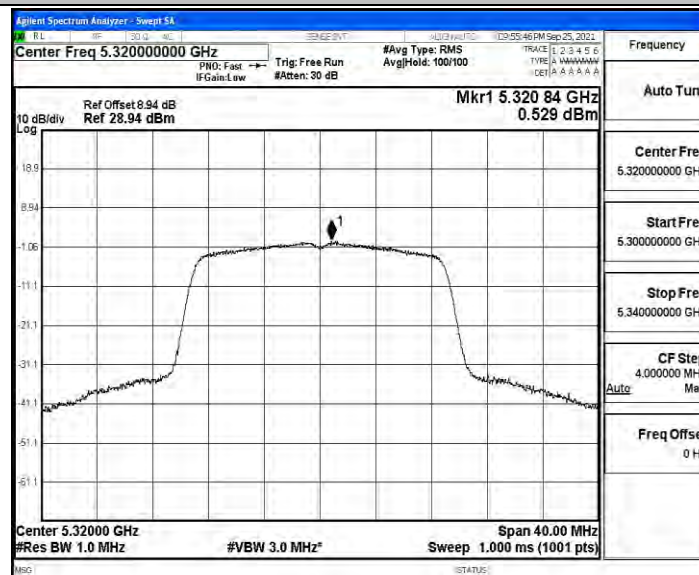
11N20SISO_Ant1_5260



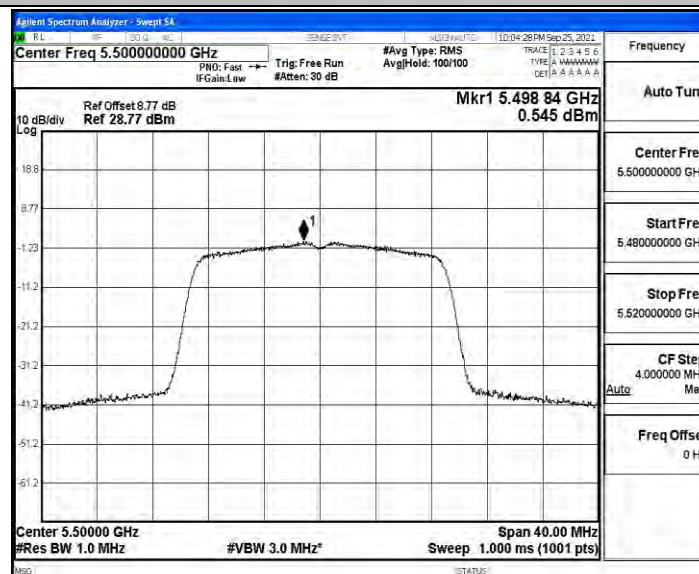
11N20SISO_Ant1_5280



11N20SISO_Ant1_5320

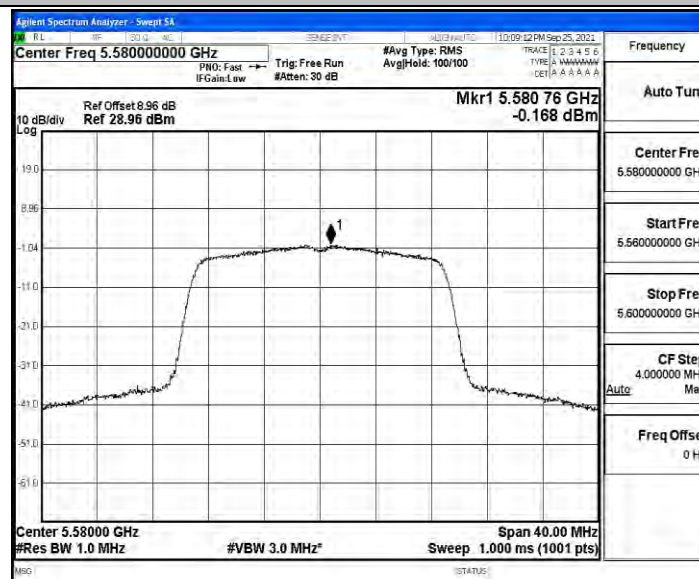


11N20SISO_Ant1_5500

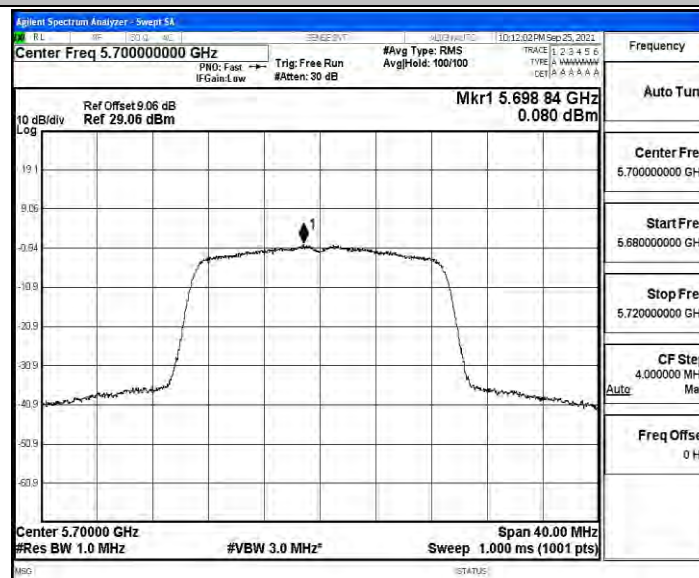




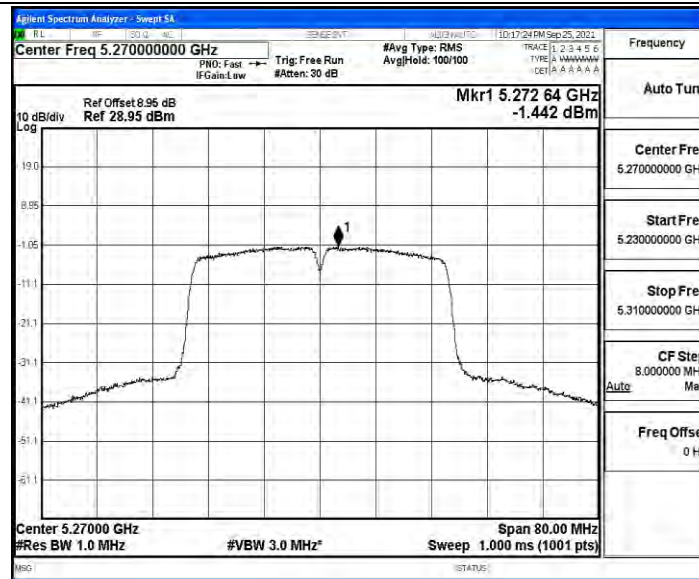
11N20SISO_Ant1_5580



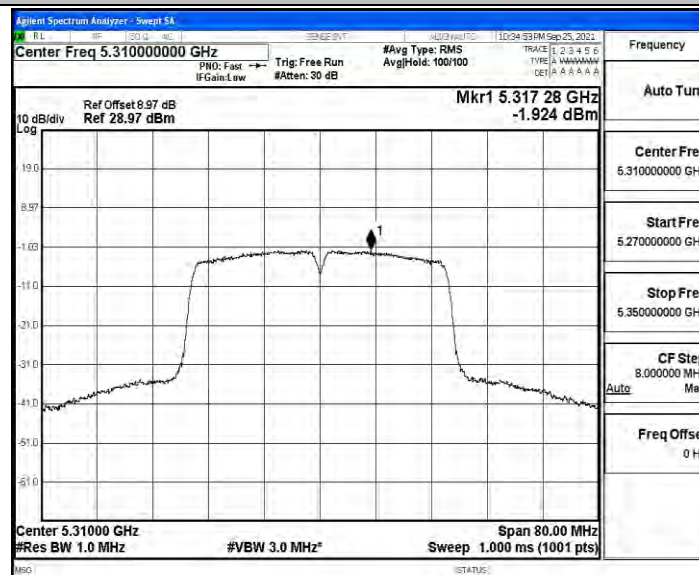
11N20SISO_Ant1_5700



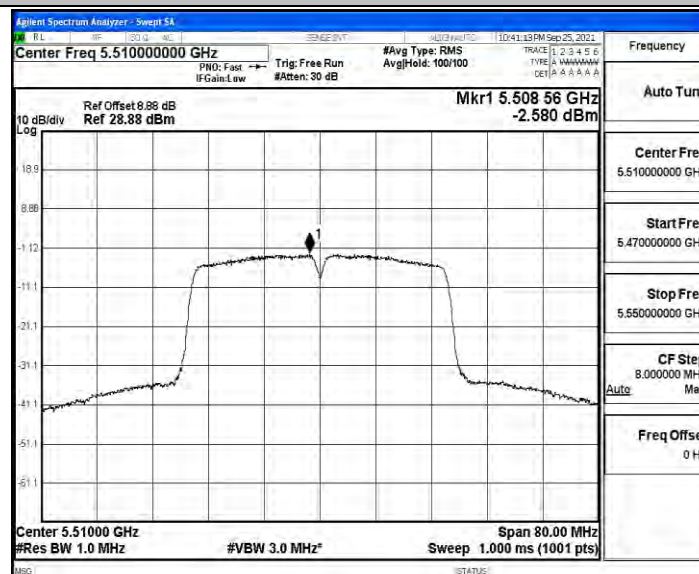
11N40SISO_Ant1_5270



11N40SISO_Ant1_5310

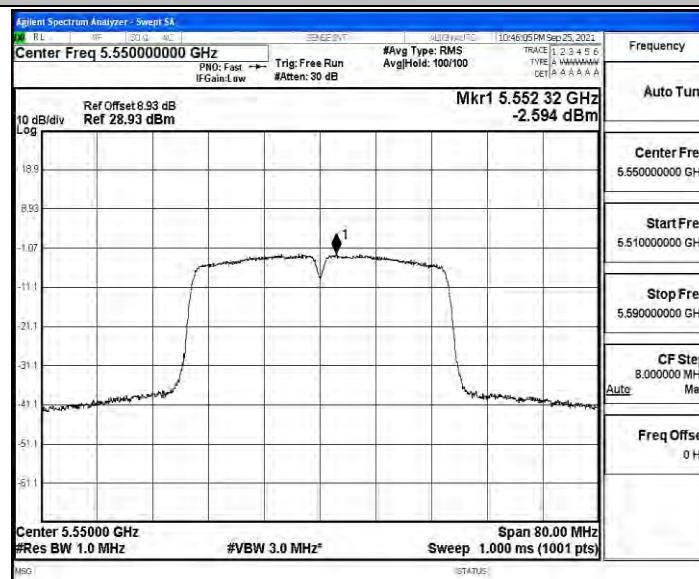


11N40SISO_Ant1_5510

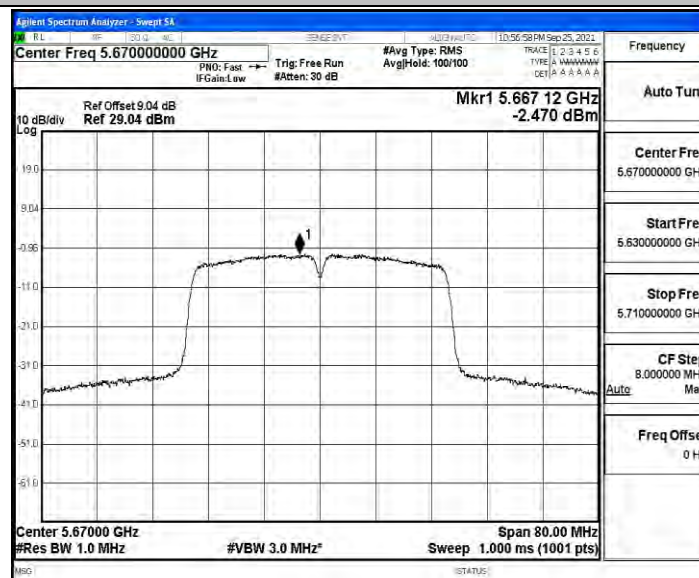




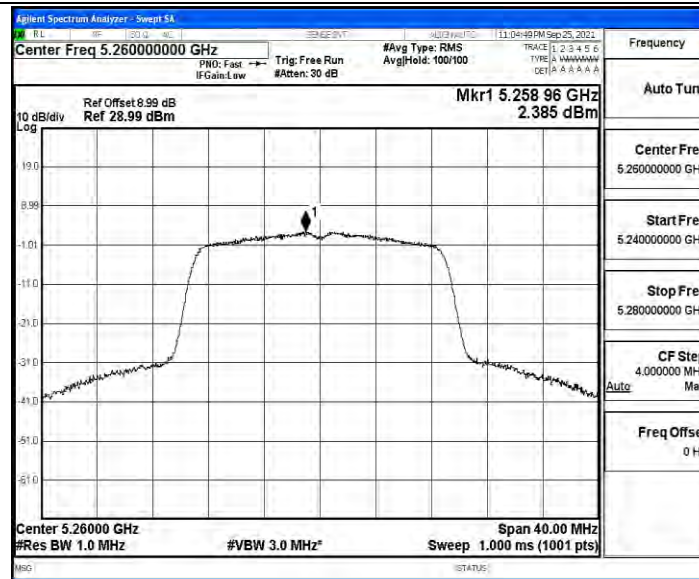
11N40SISO_Ant1_5550



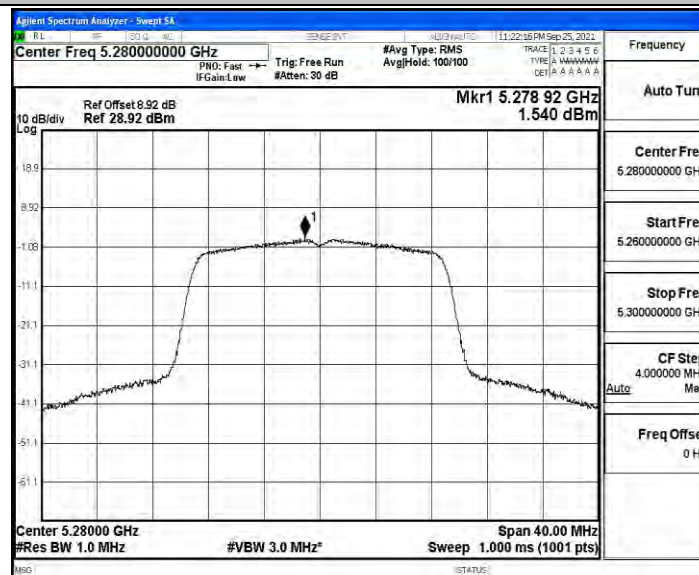
11N40SISO_Ant1_5670



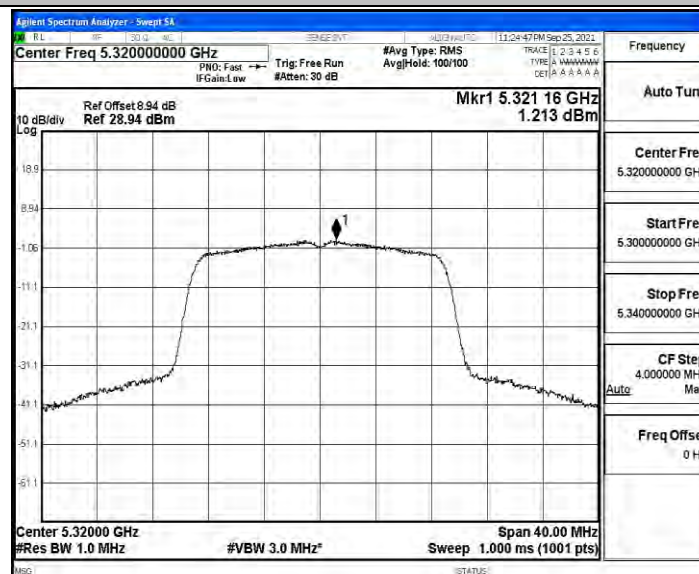
11AC20SISO_Ant1_5260



11AC20SISO_Ant1_5280

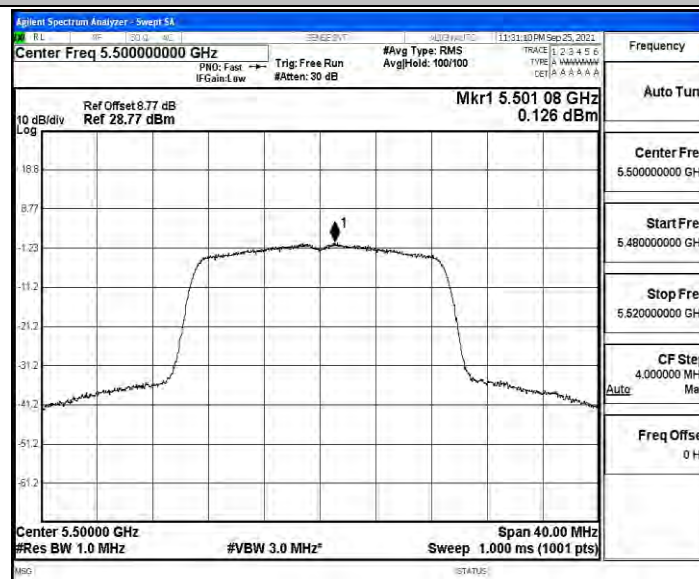


11AC20SISO_Ant1_5320

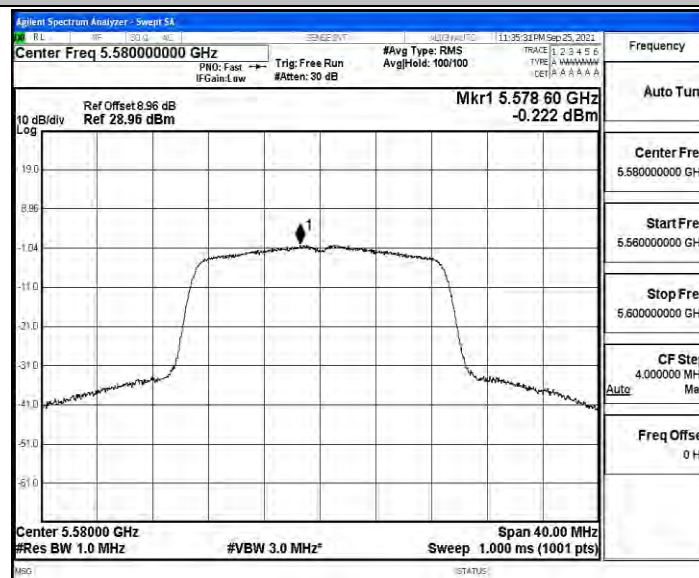




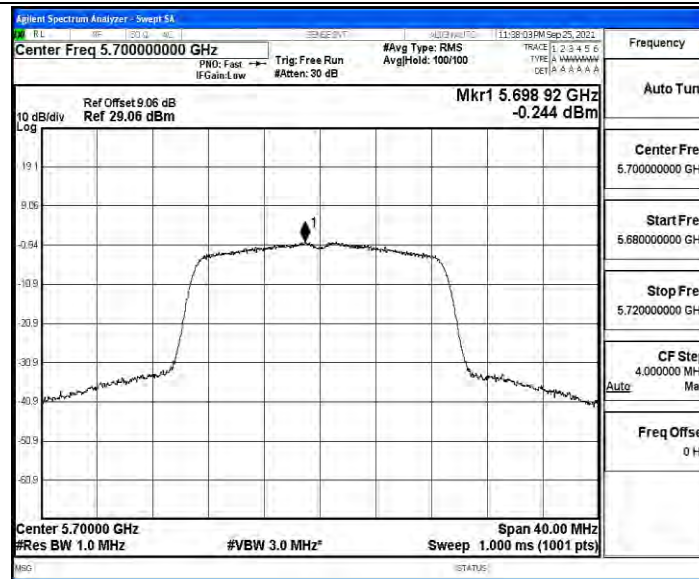
11AC20SISO_Ant1_5500



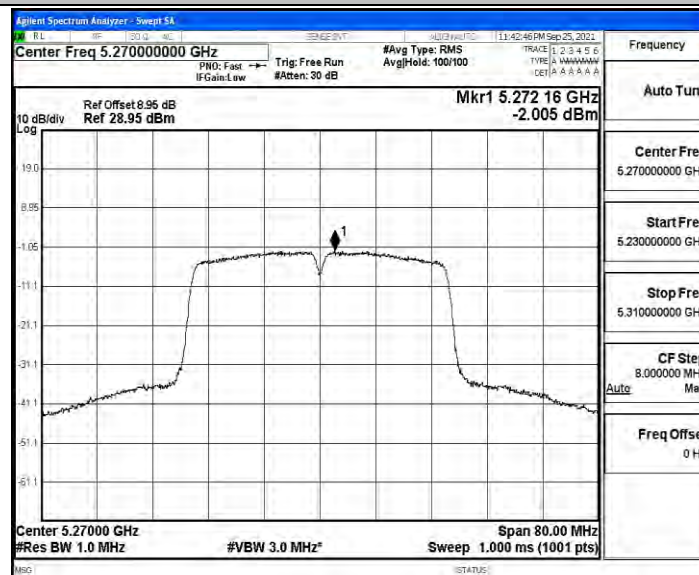
11AC20SISO_Ant1_5580



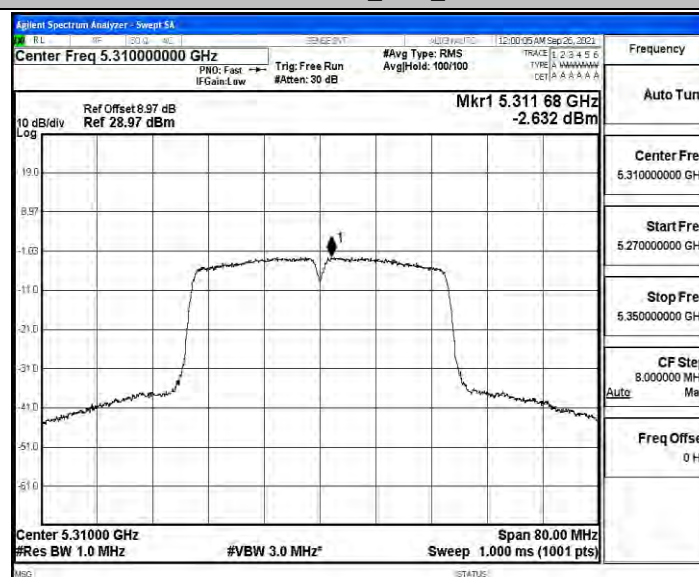
11AC20SISO_Ant1_5700



11AC40SISO_Ant1_5270

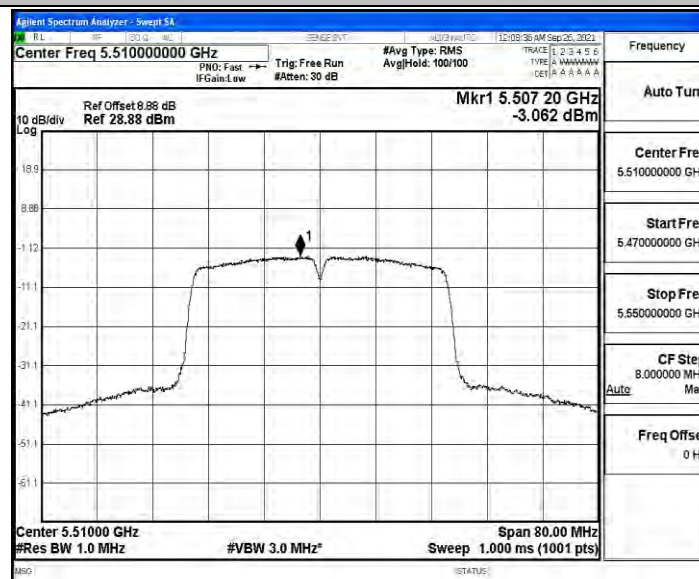


11AC40SISO_Ant1_5310

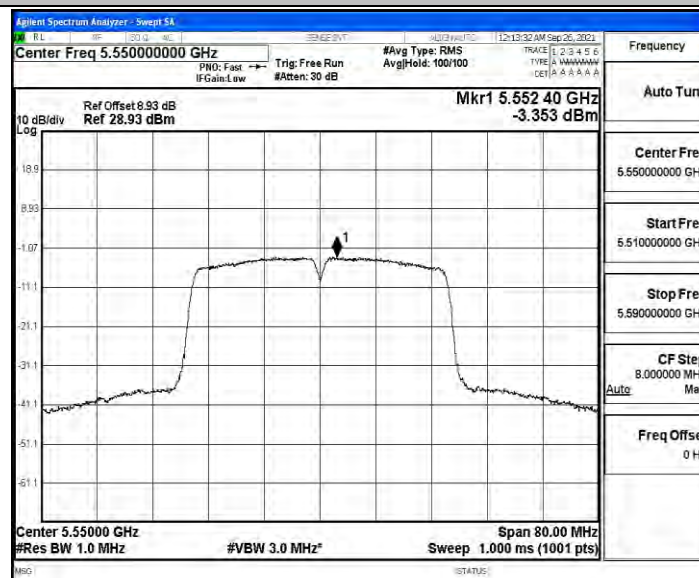




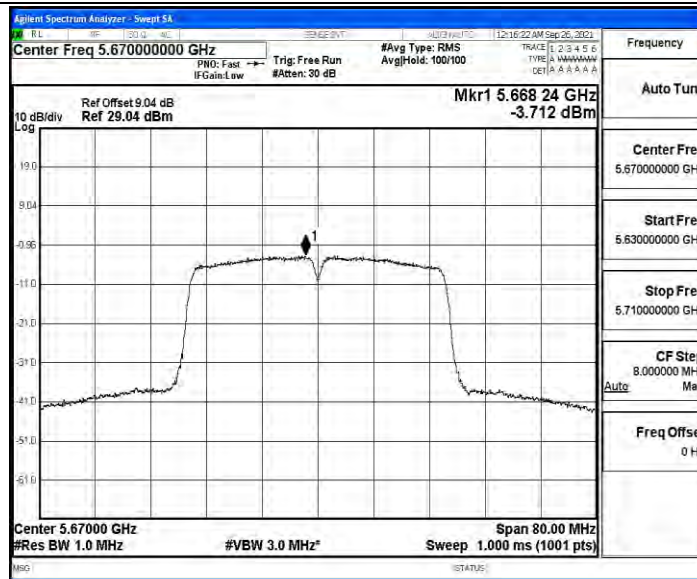
11AC40SISO_Ant1_5510



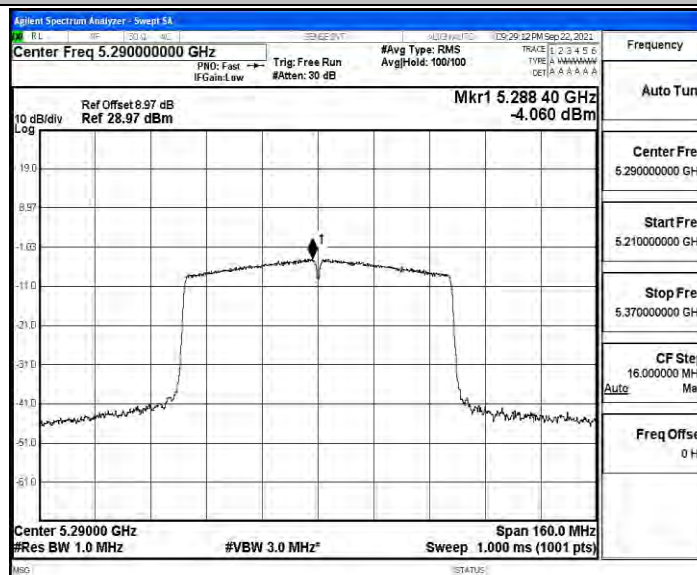
11AC40SISO_Ant1_5550



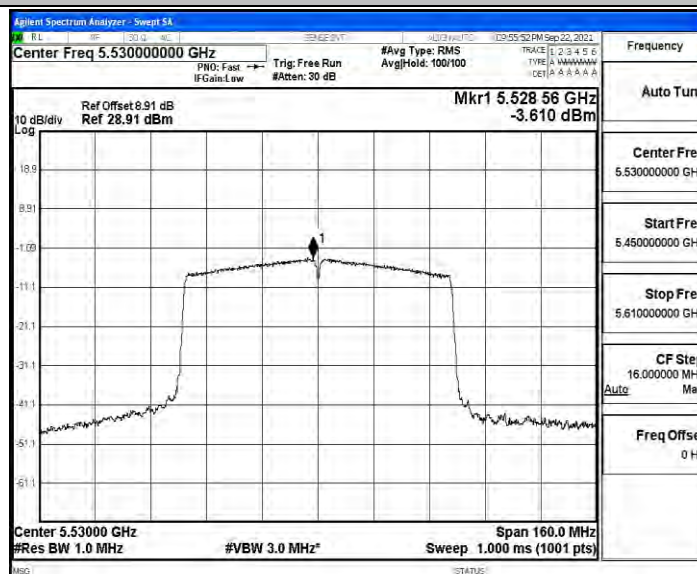
11AC40SISO_Ant1_5670



11AC80SISO_Ant1_5290

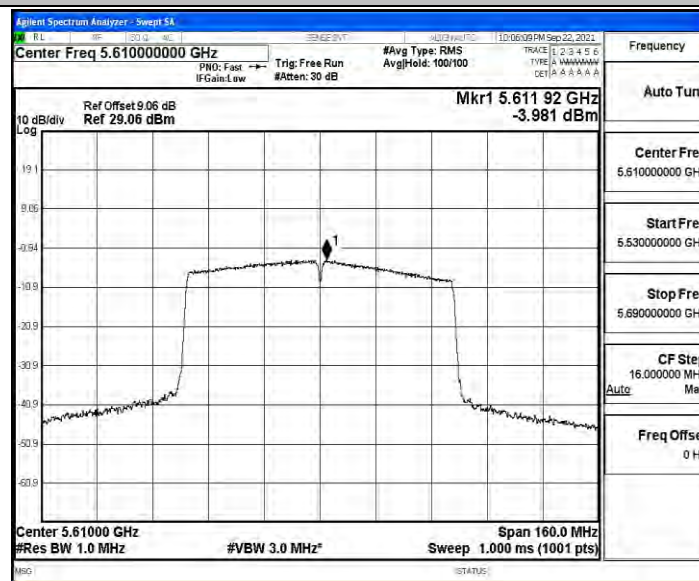


11AC80SISO_Ant1_5530





11AC80SISO_Ant1_5610





D.4 26dB Bandwidth

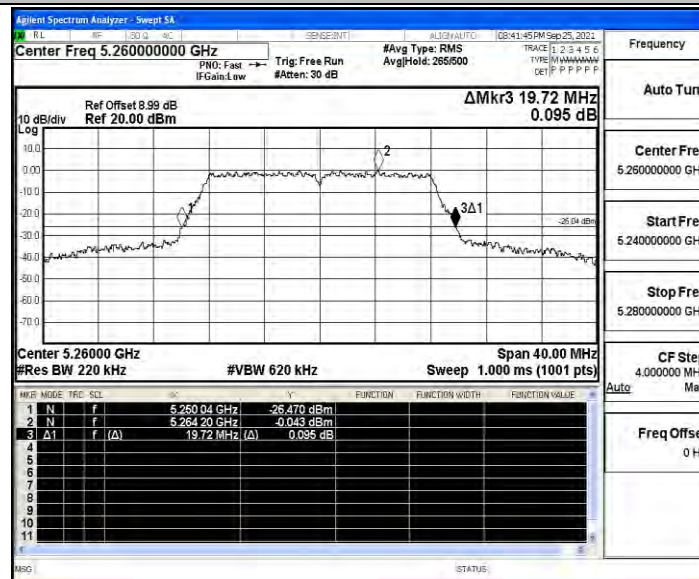
Test Result

TestMode	Antenna	Channel	26db EBW [MHz]	FL[MHz]	FH[MHz]	Limit[MHz]	Verdict
11A	Ant1	5260	19.720	5250.040	5269.760	---	PASS
		5280	19.320	5270.320	5289.640	---	PASS
		5320	19.640	5310.240	5329.880	---	PASS
		5500	19.720	5490.120	5509.840	---	PASS
		5580	19.800	5570.160	5589.960	---	PASS
		5700	19.640	5690.160	5709.800	---	PASS
11N20SISO	Ant1	5260	19.680	5250.160	5269.840	---	PASS
		5280	19.760	5270.120	5289.880	---	PASS
		5320	19.800	5310.120	5329.920	---	PASS
		5500	19.800	5490.160	5509.960	---	PASS
		5580	19.880	5570.040	5589.920	---	PASS
		5700	20.000	5690.080	5710.080	---	PASS
11N40SISO	Ant1	5270	40.000	5249.920	5289.920	---	PASS
		5310	40.080	5290.000	5330.080	---	PASS
		5510	39.680	5490.160	5529.840	---	PASS
		5550	39.680	5530.240	5569.920	---	PASS
		5670	48.640	5641.440	5690.080	---	PASS
11AC20SISO	Ant1	5260	19.920	5250.000	5269.920	---	PASS
		5280	19.840	5270.120	5289.960	---	PASS
		5320	19.720	5310.160	5329.880	---	PASS
		5500	19.840	5490.040	5509.880	---	PASS
		5580	19.960	5570.000	5589.960	---	PASS
		5700	19.840	5690.040	5709.880	---	PASS
11AC40SISO	Ant1	5270	39.600	5250.080	5289.680	---	PASS
		5310	39.600	5290.160	5329.760	---	PASS
		5510	40.160	5489.840	5530.000	---	PASS
		5550	39.920	5530.080	5570.000	---	PASS
		5670	39.840	5649.920	5689.760	---	PASS
11AC80SISO	Ant1	5290	82.080	5249.520	5331.600	---	PASS
		5530	80.480	5489.840	5570.320	---	PASS
		5610	81.120	5569.680	5650.800	---	PASS

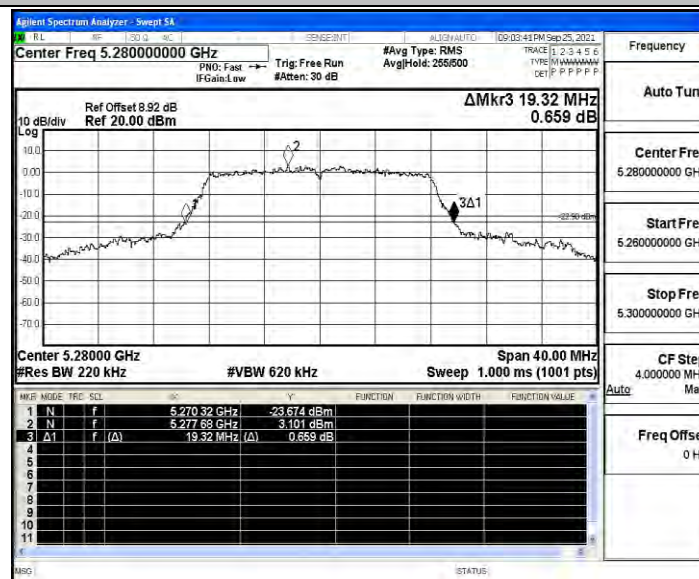


Test Graphs

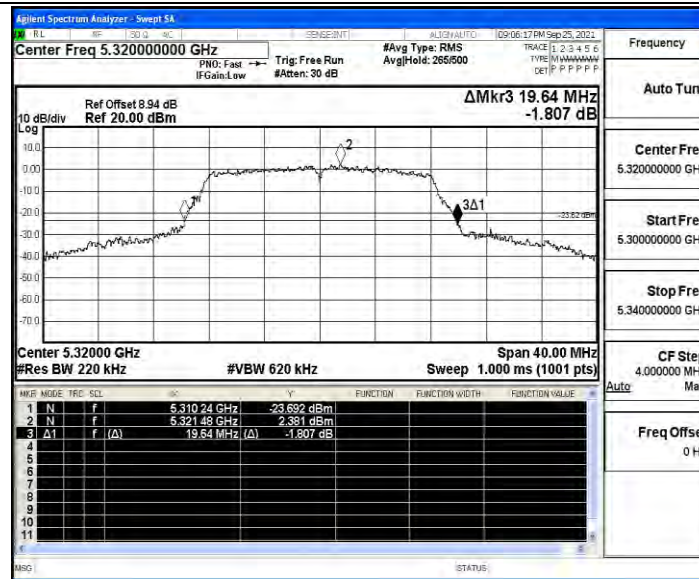
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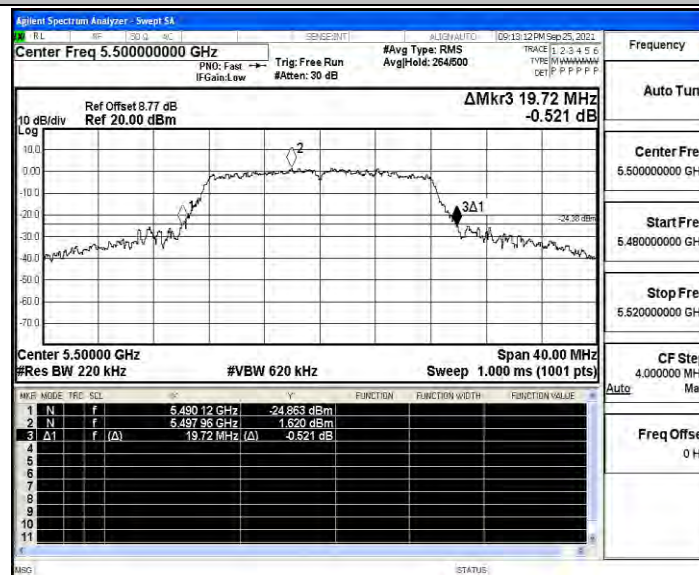
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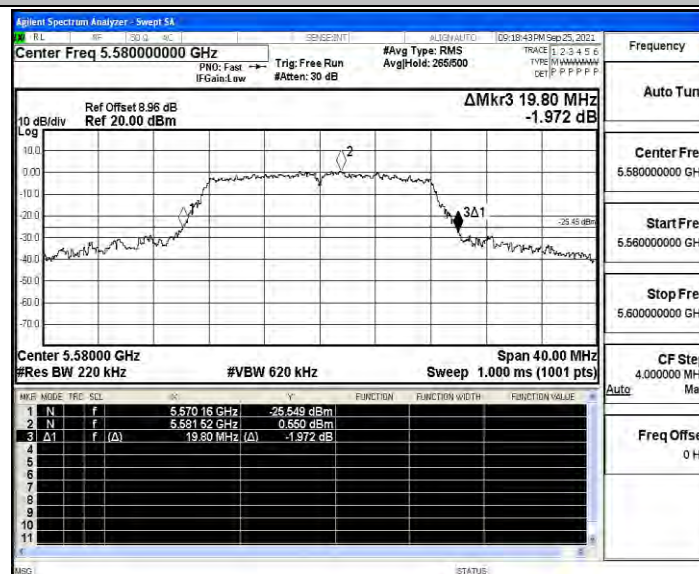
11A_Ant1_5320



11A_Ant1_5500

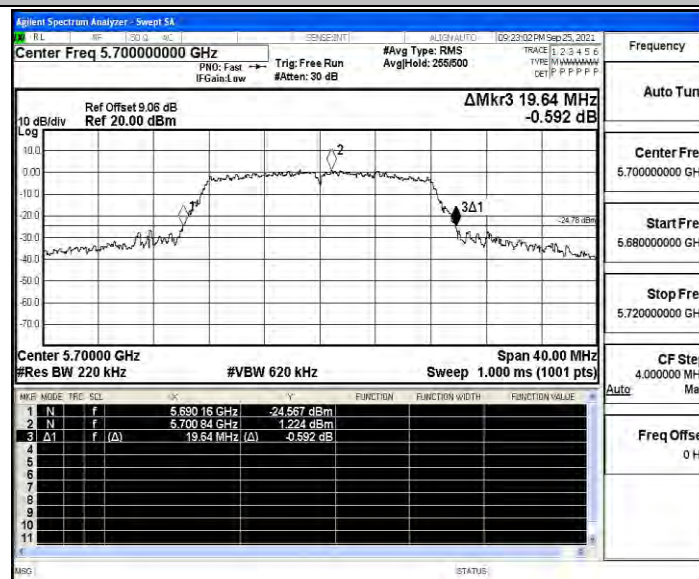


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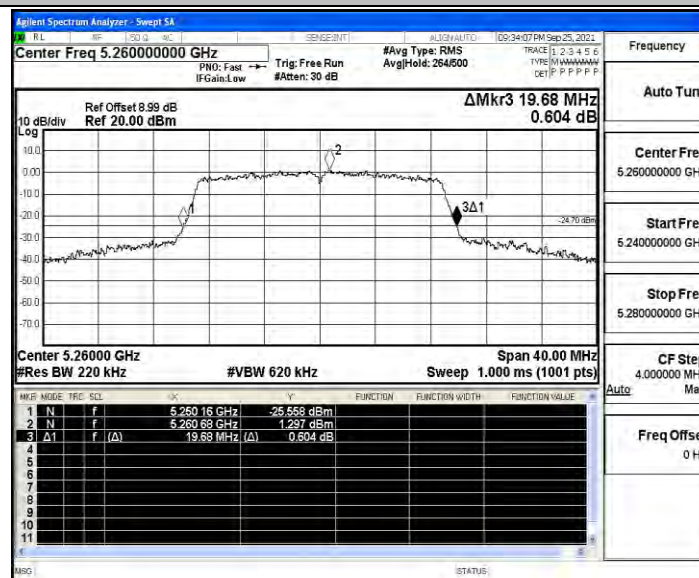




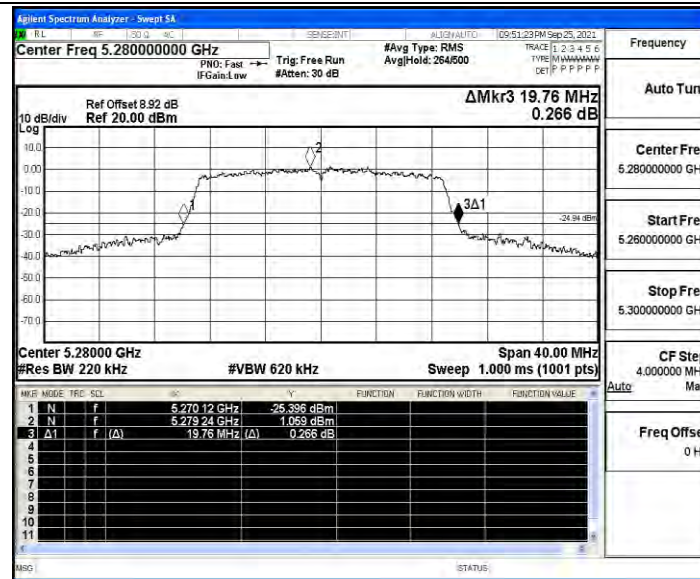
11A_Ant1_5700



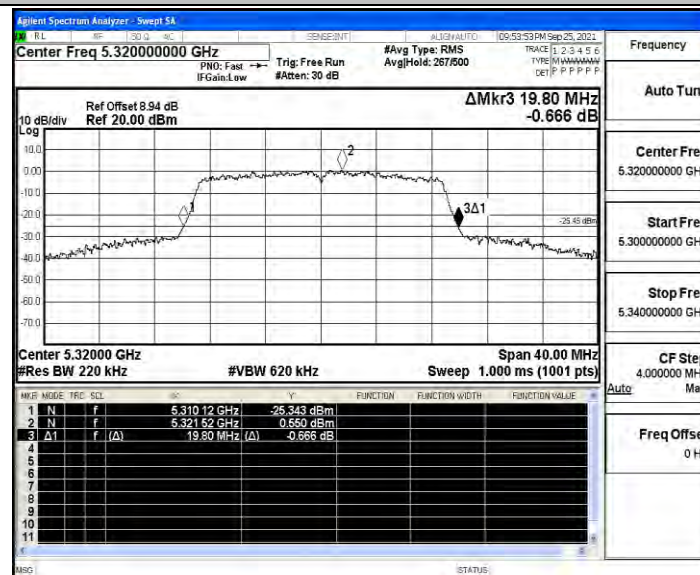
11N20SISO_Ant1_5260



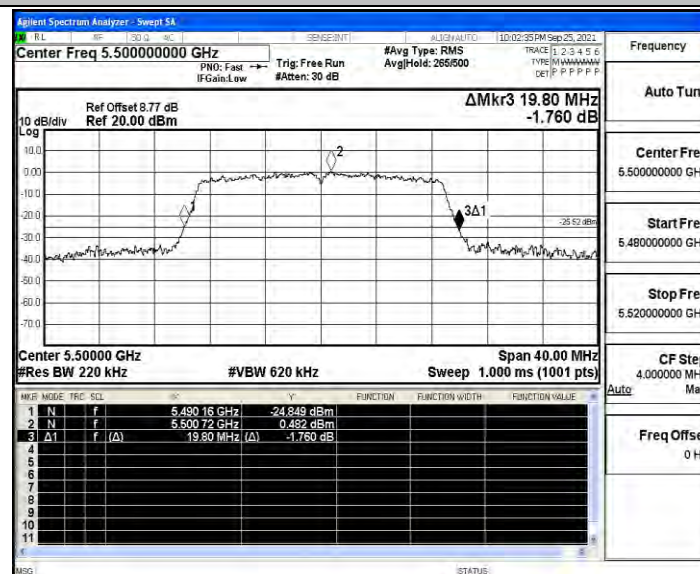
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11N20SISO_Ant1_5320

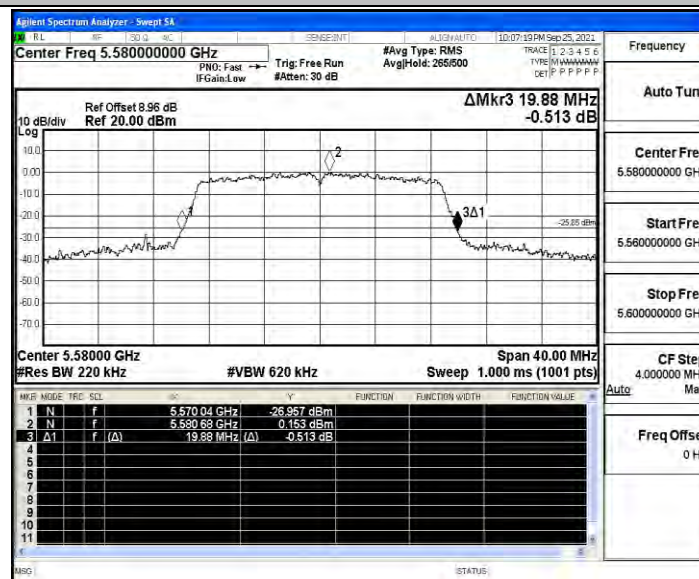


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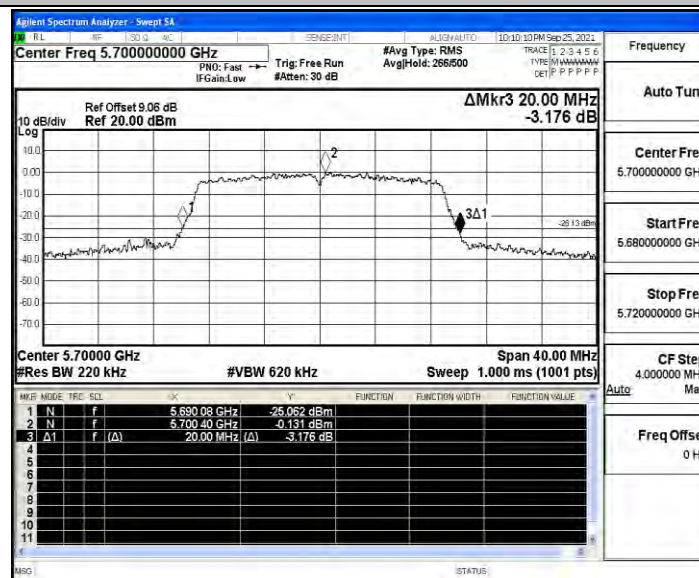




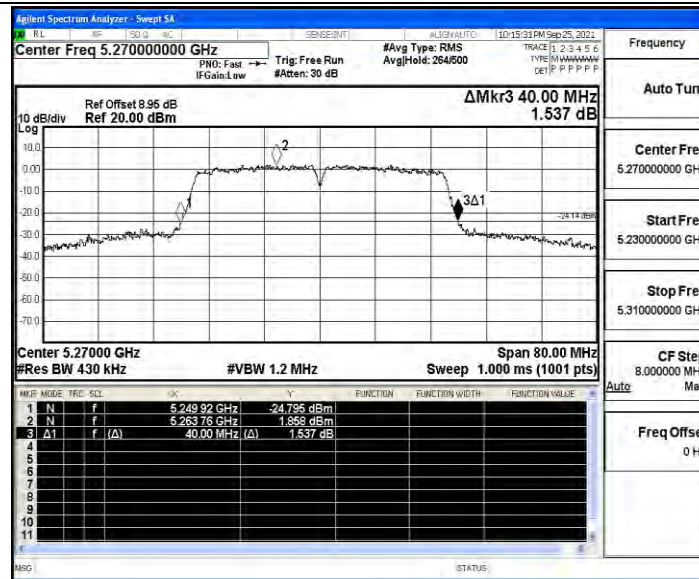
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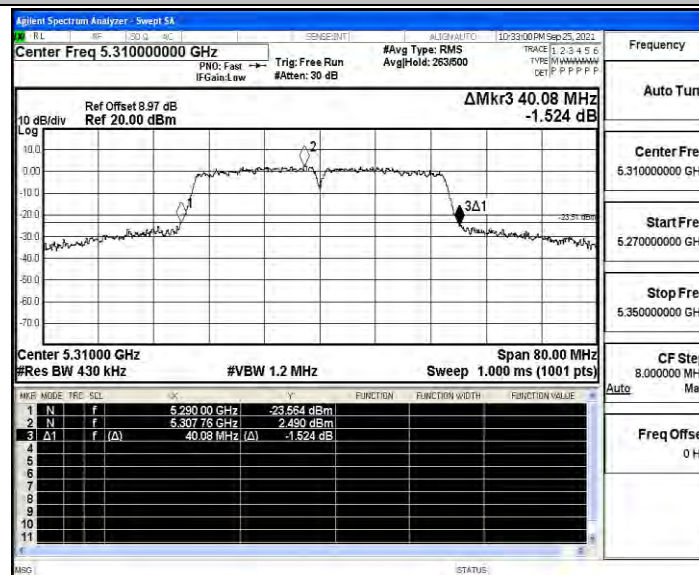
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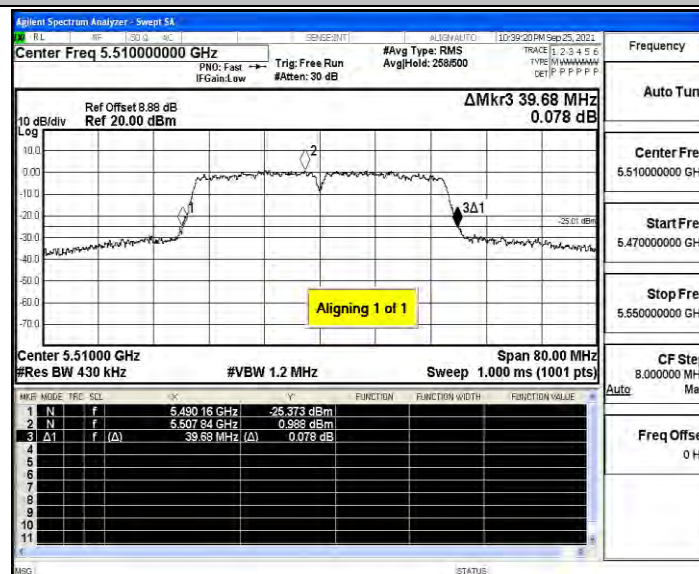
11N40SISO_Ant1_5270



11N40SISO_Ant1_5310

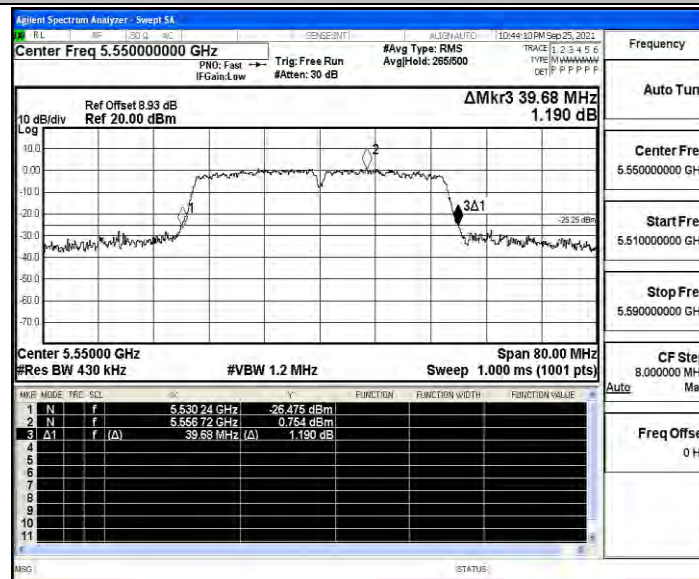


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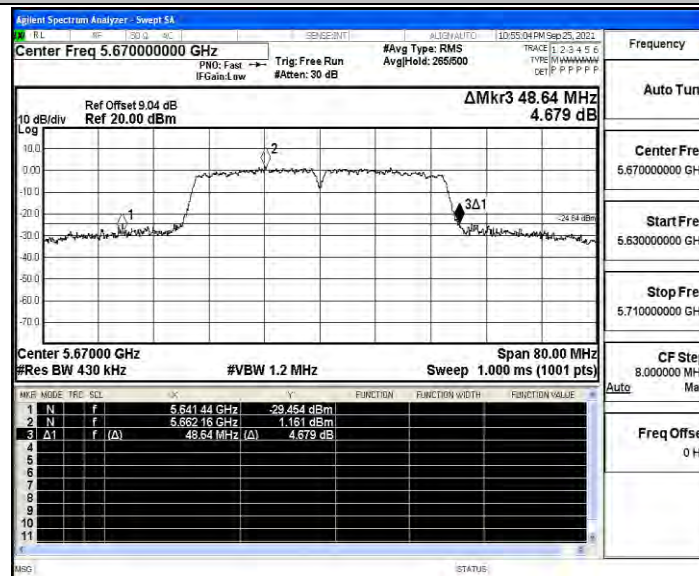




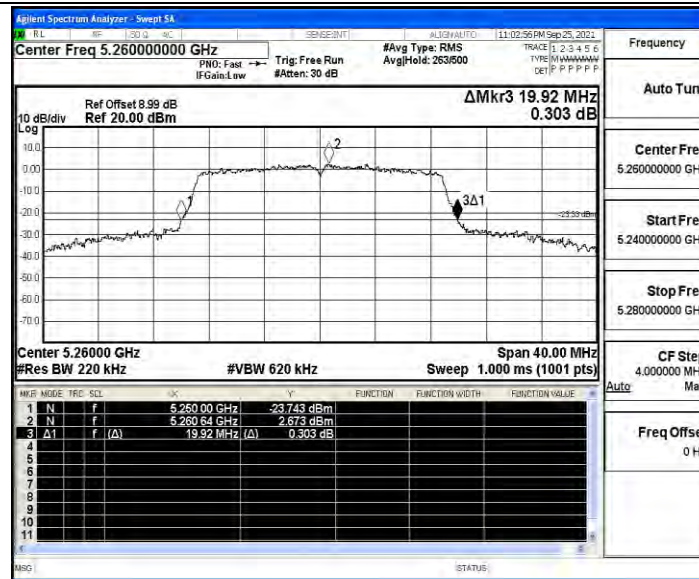
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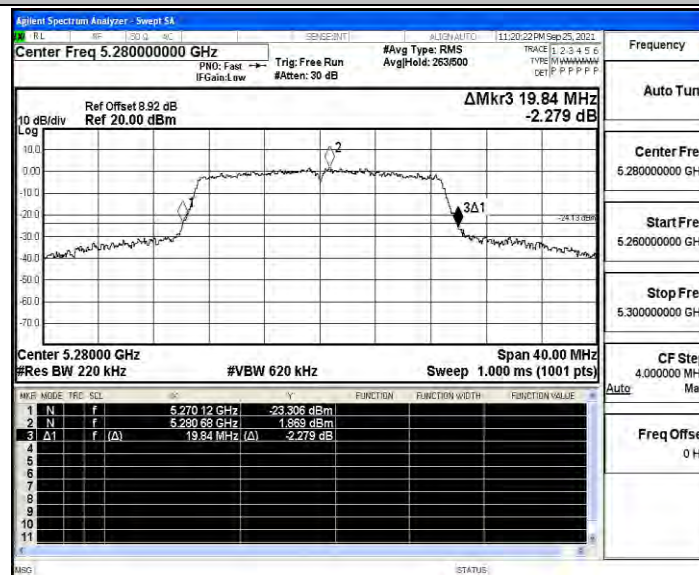
11N40SISO_Ant1_5670



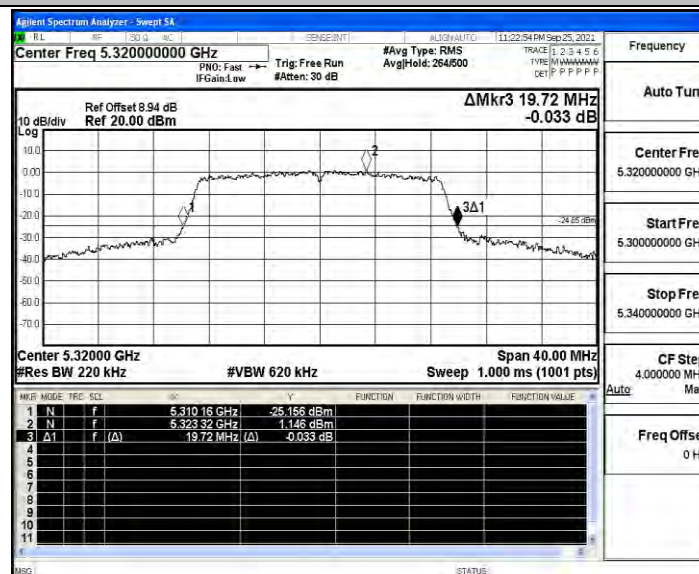
11AC20SISO_Ant1_5260



11AC20SISO_Ant1_5280

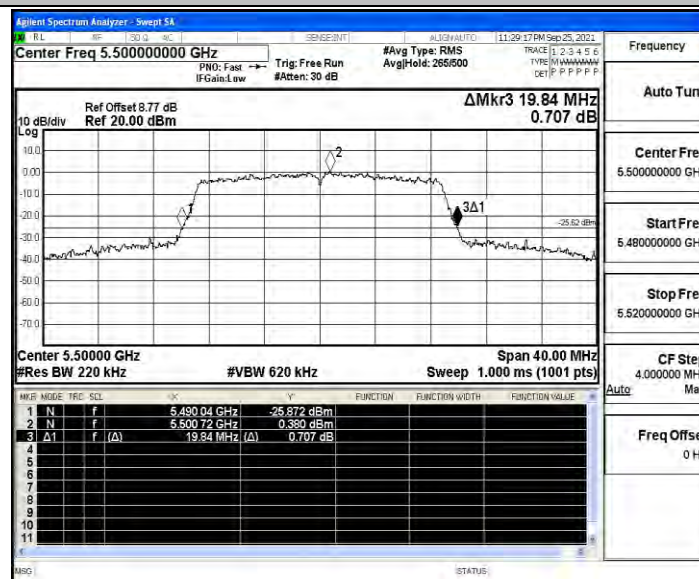


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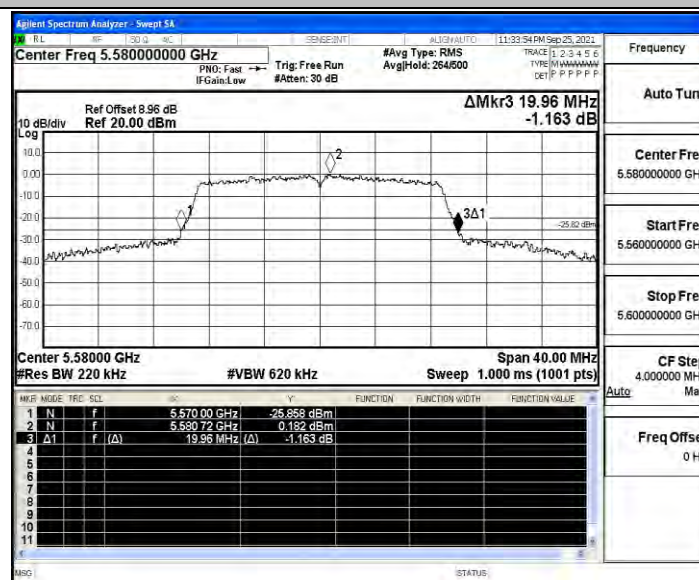




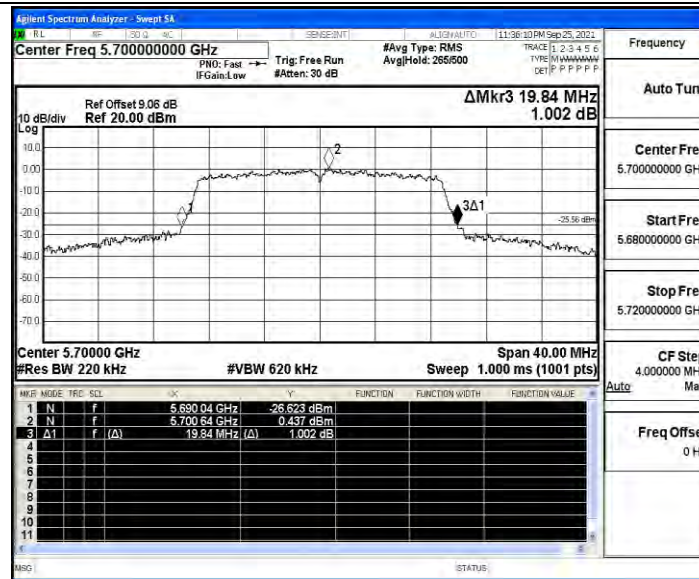
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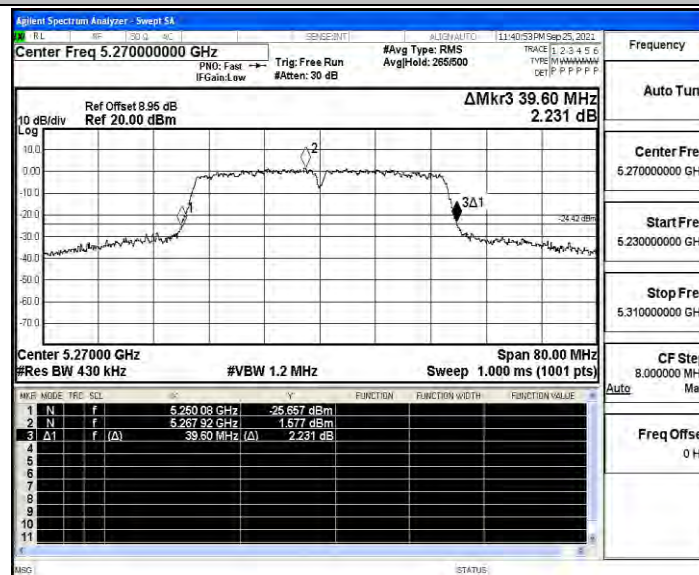
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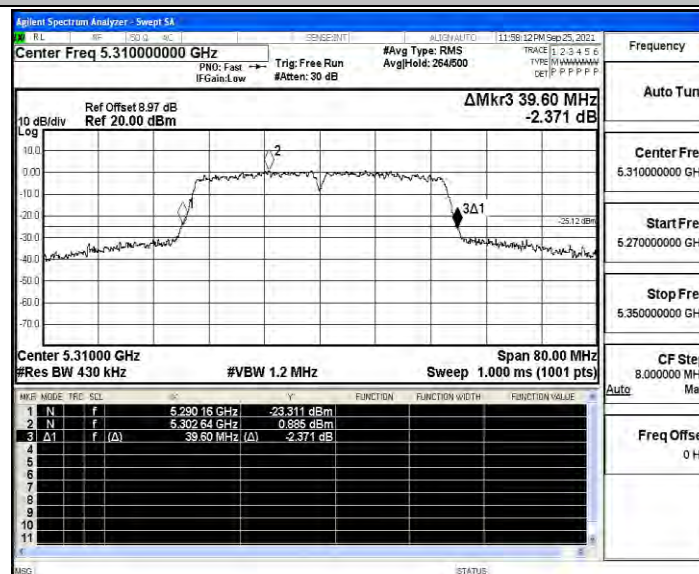
11AC20SISO_Ant1_5700



11AC40SISO_Ant1_5270

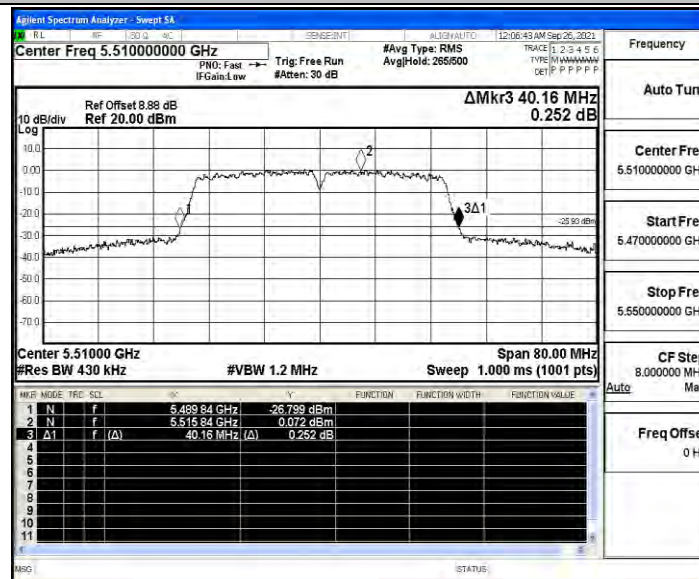


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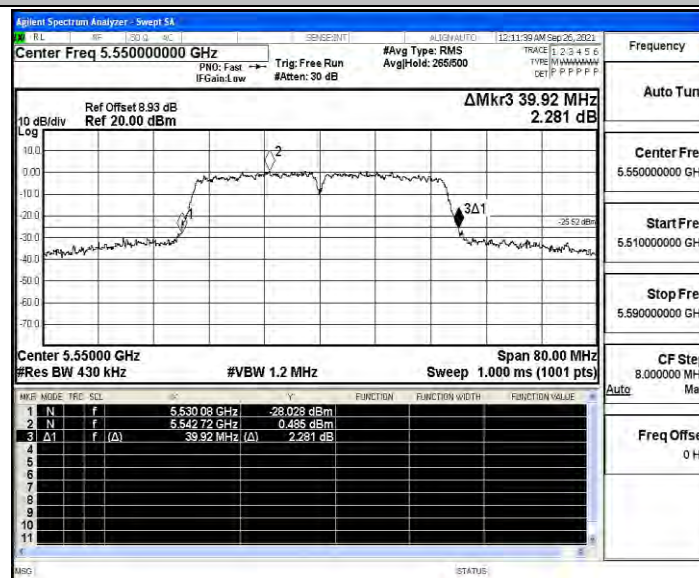




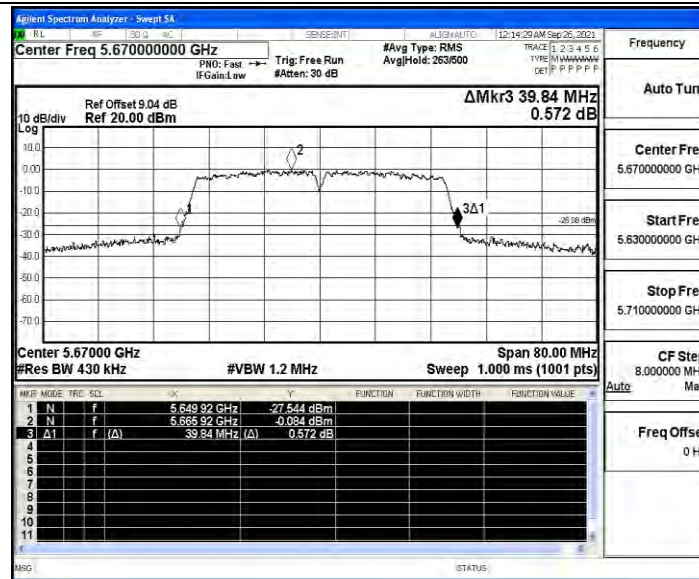
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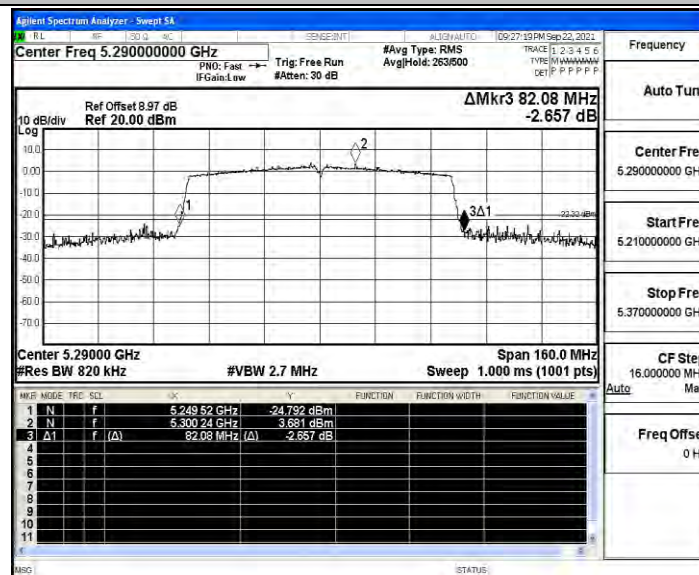
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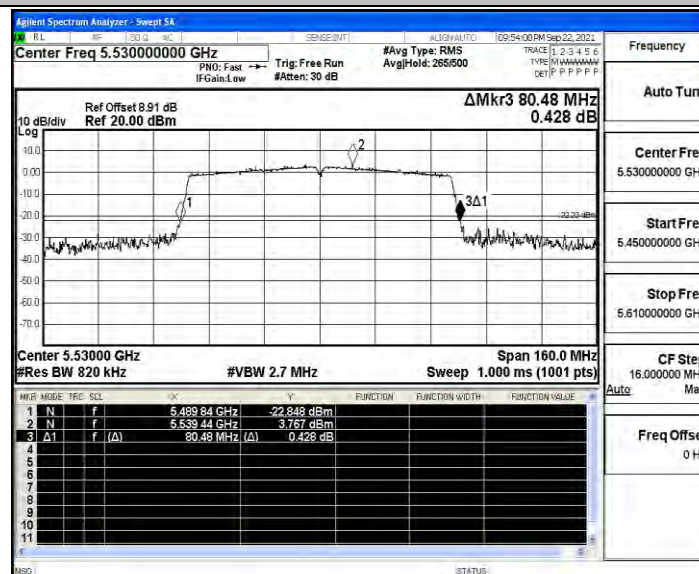
11AC40SISO_Ant1_5670



11AC80SISO_Ant1_5290

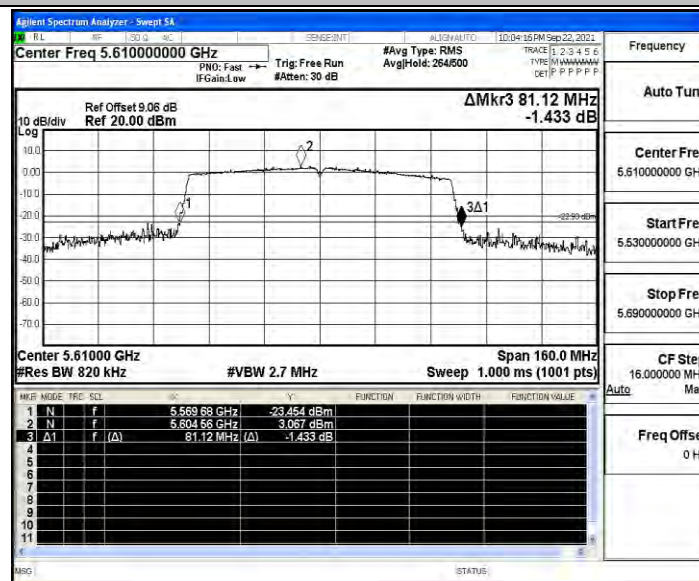


11AC80SISO_Ant1_5530





11AC80SISO_Ant1_5610





D.5 Emissions in Restricted Bands

Test Result

TestMode	Antenna	ChName	Channel	Detector	Freq. [MHz]	Result [dBm]	Limit [dBm]	Result [dBuV/m]	Limit [dBuV/m]	Verdict
11A	Ant1	Low	5260	AV	4500.000	-49.79	≤-41.20	45.41	≤54	PASS
				AV	5130.420	-47.83	≤-41.20	47.37	≤54	PASS
				AV	5150.000	-48.19	≤-41.20	47.01	≤54	PASS
				Peak	4500.000	-44.58	≤-21.20	50.62	≤74	PASS
				Peak	5138.320	-38.47	≤-21.20	56.73	≤74	PASS
				Peak	5150.000	-42.83	≤-21.20	52.37	≤74	PASS
		High	5320	AV	5350.000	-46.05	≤-41.20	49.15	≤54	PASS
				AV	5350.080	-46.05	≤-41.20	49.15	≤54	PASS
				AV	5460.000	-48.4	≤-41.20	46.80	≤54	PASS
				Peak	5350.000	-37.75	≤-21.20	57.45	≤74	PASS
				Peak	5351.040	-37.24	≤-21.20	57.96	≤74	PASS
				Peak	5460.000	-43.1	≤-21.20	52.10	≤74	PASS
		Low	5500	AV	5460.000	-46.98	≤-41.20	48.22	≤54	PASS
				AV	5469.980	-44.91	≤-41.20	50.29	≤54	PASS
				AV	5470.000	-44.91	≤-41.20	50.29	≤54	PASS
				Peak	5460.000	-42.24	≤-21.20	52.96	≤74	PASS
				Peak	5466.320	-35.81	≤-21.20	59.39	≤74	PASS
				Peak	5470.000	-37.34	≤-21.20	57.86	≤74	PASS
		High	5700	AV	5725.000	-44.62	≤-41.20	50.58	≤54	PASS
				AV	5725.940	-43.19	≤-41.20	52.01	≤54	PASS
				AV	5735.000	-46.57	≤-41.20	48.63	≤54	PASS
				Peak	5725.000	-36.97	≤-21.20	58.23	≤74	PASS
				Peak	5726.540	-36.11	≤-21.20	59.09	≤74	PASS
				Peak	5735.000	-40.97	≤-21.20	54.23	≤74	PASS
11N20SIS O	Ant1	Low	5260	AV	4500.000	-49.86	≤-41.20	45.34	≤54	PASS
				AV	5129.630	-47.34	≤-41.20	47.86	≤54	PASS
				AV	5150.000	-47.96	≤-41.20	47.24	≤54	PASS
				Peak	4500.000	-45.61	≤-21.20	49.59	≤74	PASS
				Peak	4981.110	-38.4	≤-21.20	56.80	≤74	PASS
				Peak	5150.000	-41.77	≤-21.20	53.43	≤74	PASS
		High	5320	AV	5350.000	-46.12	≤-41.20	49.08	≤54	PASS
				AV	5398.080	-45.72	≤-41.20	49.48	≤54	PASS
				AV	5460.000	-48.32	≤-41.20	46.88	≤54	PASS
				Peak	5350.000	-40.11	≤-21.20	55.09	≤74	PASS
				Peak	5375.520	-37.35	≤-21.20	57.85	≤74	PASS
				Peak	5460.000	-42.38	≤-21.20	52.82	≤74	PASS
		Low	5500	AV	5460.000	-46.58	≤-41.20	48.62	≤54	PASS



				AV	5469.980	-44.21	≤-41.20	50.99	≤54	PASS
				AV	5470.000	-44.21	≤-41.20	50.99	≤54	PASS
				Peak	5460.000	-41.08	≤-21.20	54.12	≤74	PASS
				Peak	5468.720	-34.64	≤-21.20	60.56	≤74	PASS
				Peak	5470.000	-35.47	≤-21.20	59.73	≤74	PASS
		High	5700	AV	5725.000	-41.9	≤-41.20	53.30	≤54	PASS
				AV	5725.940	-41.31	≤-41.20	53.89	≤54	PASS
				AV	5735.000	-45.52	≤-41.20	49.68	≤54	PASS
				Peak	5725.000	-36.58	≤-21.20	58.62	≤74	PASS
				Peak	5725.040	-31.72	≤-21.20	63.48	≤74	PASS
				Peak	5735.000	-37.8	≤-21.20	57.40	≤74	PASS
11N40SIS O	Ant1	Low	5270	AV	4500.000	-49.79	≤-41.20	45.41	≤54	PASS
				AV	5139.900	-47.19	≤-41.20	48.01	≤54	PASS
				AV	5150.000	-47.94	≤-41.20	47.26	≤54	PASS
				Peak	4500.000	-44.19	≤-21.20	51.01	≤74	PASS
				Peak	5016.660	-37.56	≤-21.20	57.64	≤74	PASS
				Peak	5150.000	-42.44	≤-21.20	52.76	≤74	PASS
		High	5310	AV	5350.000	-41.84	≤-41.20	53.36	≤54	PASS
				AV	5350.080	-41.84	≤-41.20	53.36	≤54	PASS
				AV	5460.000	-48.28	≤-41.20	46.92	≤54	PASS
				Peak	5350.000	-35.48	≤-21.20	59.72	≤74	PASS
				Peak	5357.440	-33.06	≤-21.20	62.14	≤74	PASS
				Peak	5460.000	-42.79	≤-21.20	52.41	≤74	PASS
		Low	5510	AV	5460.000	-46.64	≤-41.20	48.56	≤54	PASS
				AV	5469.950	-42.82	≤-41.20	52.38	≤54	PASS
				AV	5470.000	-42.76	≤-41.20	52.44	≤54	PASS
				Peak	5460.000	-42.68	≤-21.20	52.52	≤74	PASS
				Peak	5467.850	-34.8	≤-21.20	60.40	≤74	PASS
				Peak	5470.000	-37.95	≤-21.20	57.25	≤74	PASS
		High	5670	AV	5725.000	-46.3	≤-41.20	48.90	≤54	PASS
				AV	5735.000	-46.85	≤-41.20	48.35	≤54	PASS
				Peak	5725.000	-42.08	≤-21.20	53.12	≤74	PASS
				Peak	5726.700	-38.68	≤-21.20	56.52	≤74	PASS
				Peak	5735.000	-40.4	≤-21.20	54.80	≤74	PASS
11AC20SI SO	Ant1	Low	5260	AV	4500.000	-49.87	≤-41.20	45.33	≤54	PASS
				AV	5129.630	-47.3	≤-41.20	47.90	≤54	PASS
				AV	5150.000	-47.94	≤-41.20	47.26	≤54	PASS
				Peak	4500.000	-44.1	≤-21.20	51.10	≤74	PASS
				Peak	4905.270	-38.47	≤-21.20	56.73	≤74	PASS
				Peak	5150.000	-41.43	≤-21.20	53.77	≤74	PASS
		High	5320	AV	5350.000	-46.12	≤-41.20	49.08	≤54	PASS
				AV	5398.080	-45.66	≤-41.20	49.54	≤54	PASS
				AV	5460.000	-48.31	≤-41.20	46.89	≤54	PASS



				Peak	5350.000	-41.1	≤-21.20	54.10	≤74	PASS
				Peak	5350.720	-37.69	≤-21.20	57.51	≤74	PASS
				Peak	5460.000	-41.49	≤-21.20	53.71	≤74	PASS
		Low	5500	AV	5460.000	-47.13	≤-41.20	48.07	≤54	PASS
				AV	5469.980	-45.56	≤-41.20	49.64	≤54	PASS
				AV	5470.000	-45.56	≤-41.20	49.64	≤54	PASS
				Peak	5460.000	-41.57	≤-21.20	53.63	≤74	PASS
				Peak	5463.500	-36.39	≤-21.20	58.81	≤74	PASS
				Peak	5470.000	-38.92	≤-21.20	56.28	≤74	PASS
		High	5700	AV	5725.000	-43.91	≤-41.20	51.29	≤54	PASS
				AV	5725.940	-42.86	≤-41.20	52.34	≤54	PASS
				AV	5735.000	-46.54	≤-41.20	48.66	≤54	PASS
				Peak	5725.000	-38.41	≤-21.20	56.79	≤74	PASS
				Peak	5725.760	-32.44	≤-21.20	62.76	≤74	PASS
				Peak	5735.000	-41.7	≤-21.20	53.50	≤74	PASS
11AC40SI SO	Ant1	Low	5270	AV	4500.000	-49.88	≤-41.20	45.32	≤54	PASS
				AV	5139.900	-47.3	≤-41.20	47.90	≤54	PASS
				AV	5150.000	-48.05	≤-41.20	47.15	≤54	PASS
				Peak	4500.000	-44.03	≤-21.20	51.17	≤74	PASS
				Peak	5064.850	-38.68	≤-21.20	56.52	≤74	PASS
				Peak	5150.000	-42.36	≤-21.20	52.84	≤74	PASS
		High	5310	AV	5350.000	-41.47	≤-41.20	53.73	≤54	PASS
				AV	5350.080	-41.47	≤-41.20	53.73	≤54	PASS
				AV	5460.000	-48.2	≤-41.20	47.00	≤54	PASS
				Peak	5350.000	-33.13	≤-21.20	62.07	≤74	PASS
				Peak	5351.360	-32.35	≤-21.20	62.85	≤74	PASS
				Peak	5460.000	-40.65	≤-21.20	54.55	≤74	PASS
		Low	5510	AV	5460.000	-46.12	≤-41.20	49.08	≤54	PASS
				AV	5469.950	-41.77	≤-41.20	53.43	≤54	PASS
				AV	5470.000	-41.71	≤-41.20	53.49	≤54	PASS
				Peak	5460.000	-39.51	≤-21.20	55.69	≤74	PASS
				Peak	5468.270	-34.15	≤-21.20	61.05	≤74	PASS
				Peak	5470.000	-36.91	≤-21.20	58.29	≤74	PASS
		High	5670	AV	5725.000	-44.61	≤-41.20	50.59	≤54	PASS
				AV	5735.000	-45.92	≤-41.20	49.28	≤54	PASS
				Peak	5725.000	-40.47	≤-21.20	54.73	≤74	PASS
				Peak	5732.900	-35.7	≤-21.20	59.50	≤74	PASS
				Peak	5735.000	-40.35	≤-21.20	54.85	≤74	PASS
11AC80 SISO	Ant1	Low	5290	AV	4500.000	-57.65	≤-41.20	37.55	≤54	PASS
				AV	5149.890	-54.38	≤-41.20	40.82	≤54	PASS
				AV	5150.000	-54.39	≤-41.20	40.81	≤54	PASS
				Peak	4500.000	-48.1	≤-21.20	47.10	≤74	PASS
				Peak	5125.820	-43.78	≤-21.20	51.42	≤74	PASS



		High	5290	Peak	5150.000	-45.79	≤-21.20	49.41	≤74	PASS
				AV	5350.000	-41.36	≤-41.20	53.84	≤54	PASS
				AV	5350.200	-41.35	≤-41.20	53.85	≤54	PASS
				AV	5460.000	-47.88	≤-41.20	47.32	≤54	PASS
				Peak	5350.000	-38.69	≤-21.20	56.51	≤74	PASS
				Peak	5361.200	-28.55	≤-21.20	66.65	≤74	PASS
				Peak	5460.000	-42.67	≤-21.20	52.53	≤74	PASS
		Low	5530	AV	5460.000	-44.16	≤-41.20	51.04	≤54	PASS
				AV	5469.890	-42.16	≤-41.20	53.04	≤54	PASS
				AV	5470.000	-42.14	≤-41.20	53.06	≤54	PASS
				Peak	5460.000	-33.6	≤-21.20	61.60	≤74	PASS
				Peak	5466.120	-27.64	≤-21.20	67.56	≤74	PASS
				Peak	5470.000	-35.31	≤-21.20	59.89	≤74	PASS
		High	5610	AV	5725.000	-46.59	≤-41.20	48.61	≤54	PASS
				AV	5725.200	-46.56	≤-41.20	48.64	≤54	PASS
				AV	5735.000	-46.88	≤-41.20	48.32	≤54	PASS
				Peak	5725.000	-40.89	≤-21.20	54.31	≤74	PASS
				Peak	5726.800	-37.92	≤-21.20	57.28	≤74	PASS
				Peak	5735.000	-42.64	≤-21.20	52.56	≤74	PASS

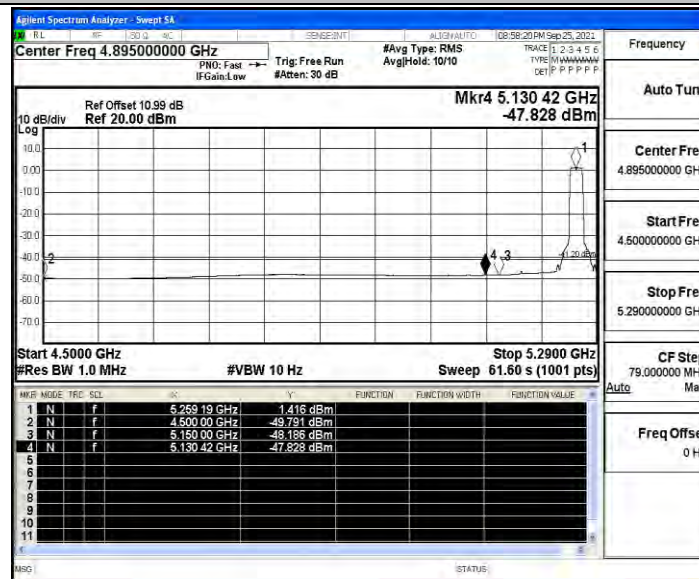
Note:

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.

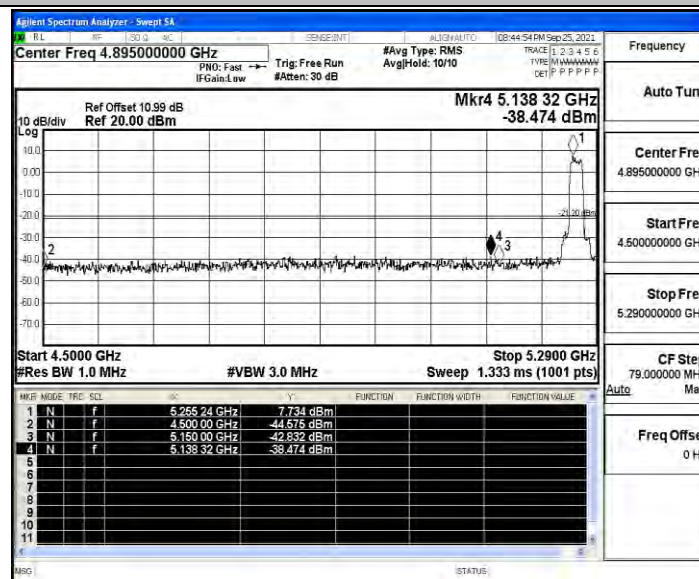


Test Graphs

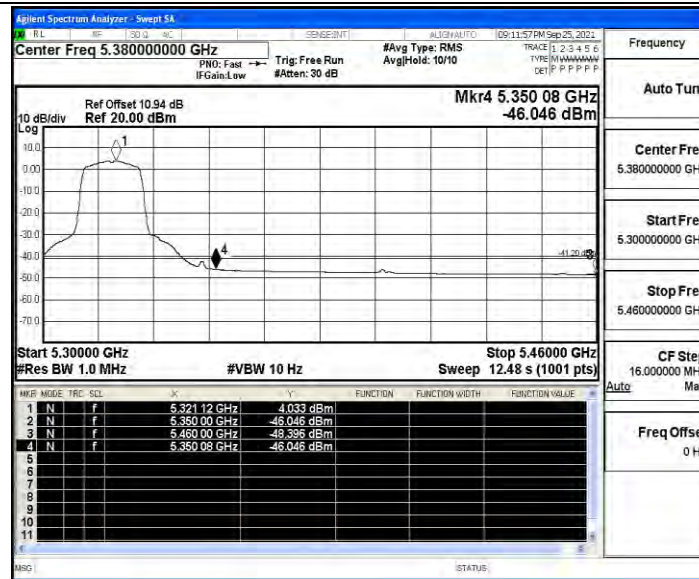
11A_Ant1_Low_5260_AV



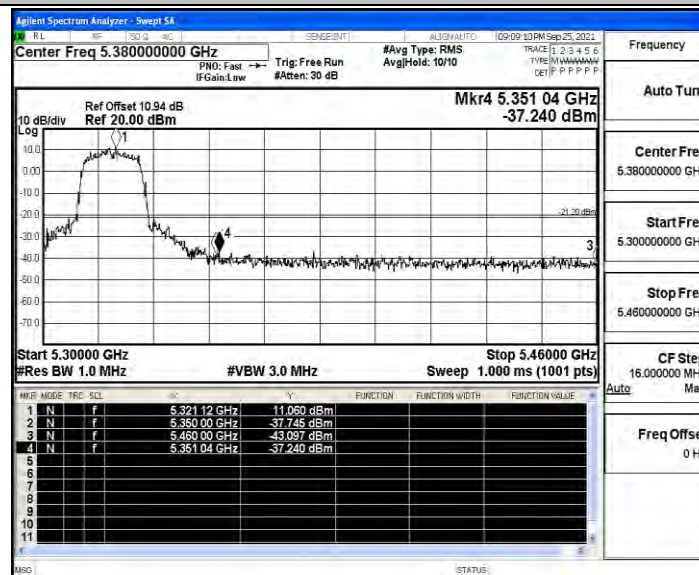
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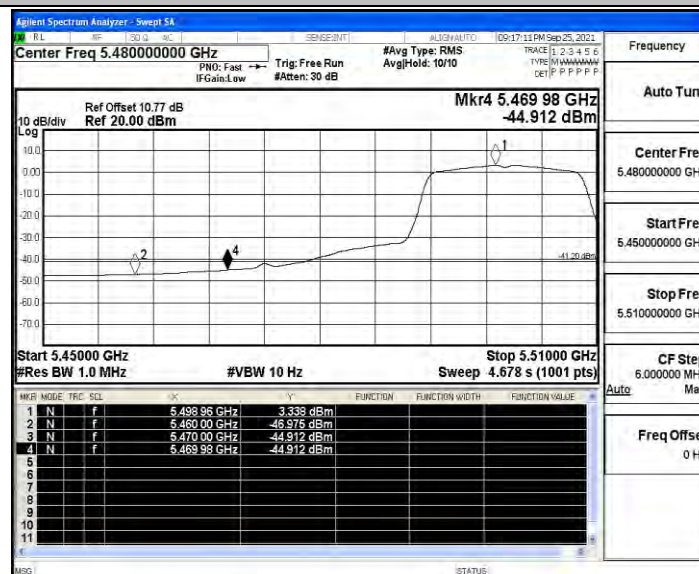
11A_Ant1_High_5320_AV



11A_Ant1_High_5320_Peak

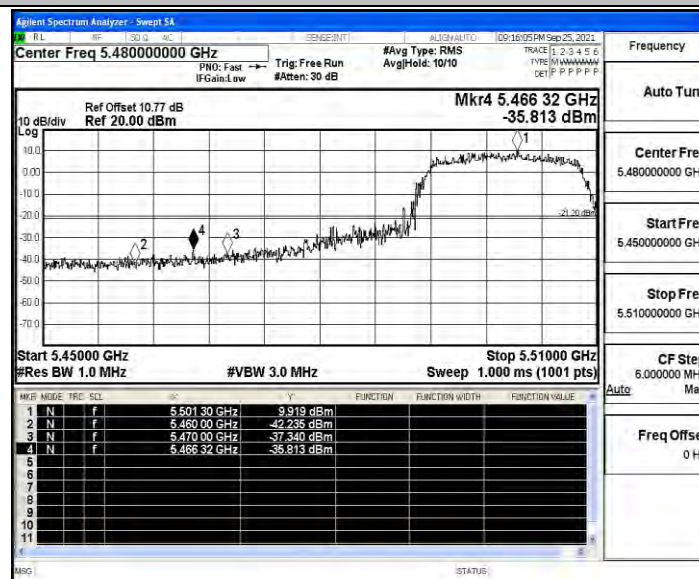


11A_Ant1_Low_5500_AV

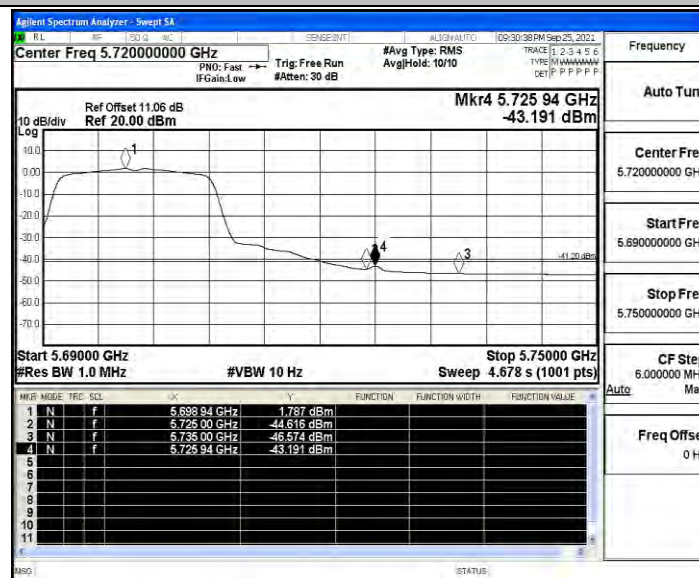




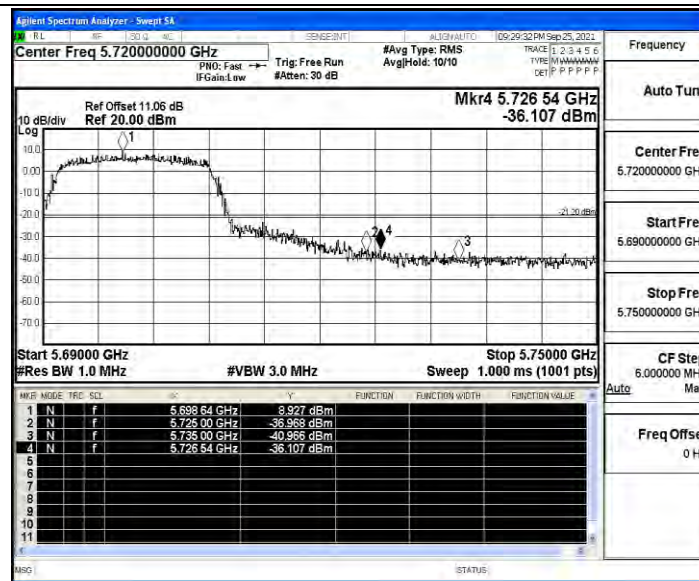
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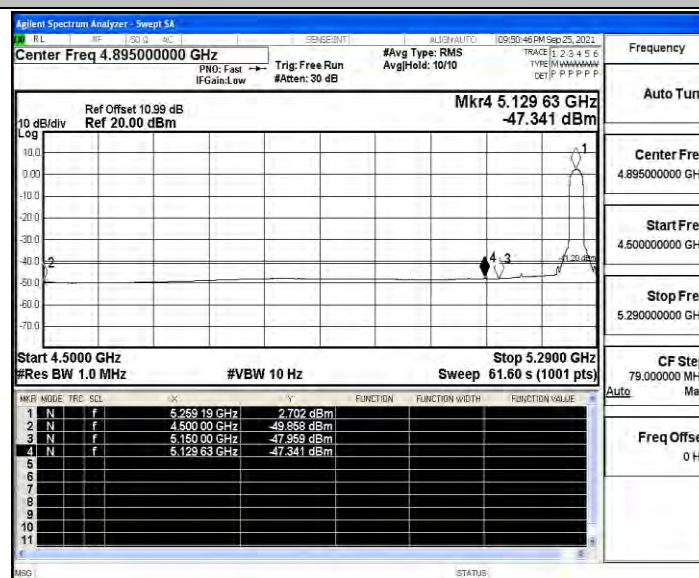
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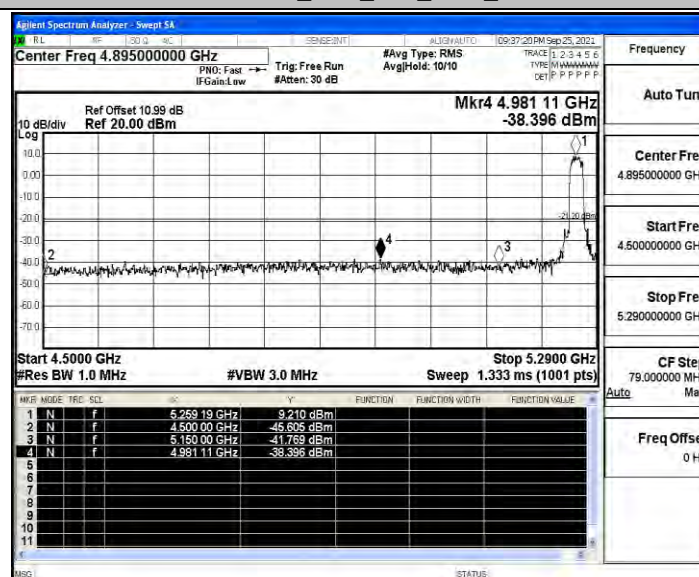
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11N20SISO_Ant1_Low_5260_AV

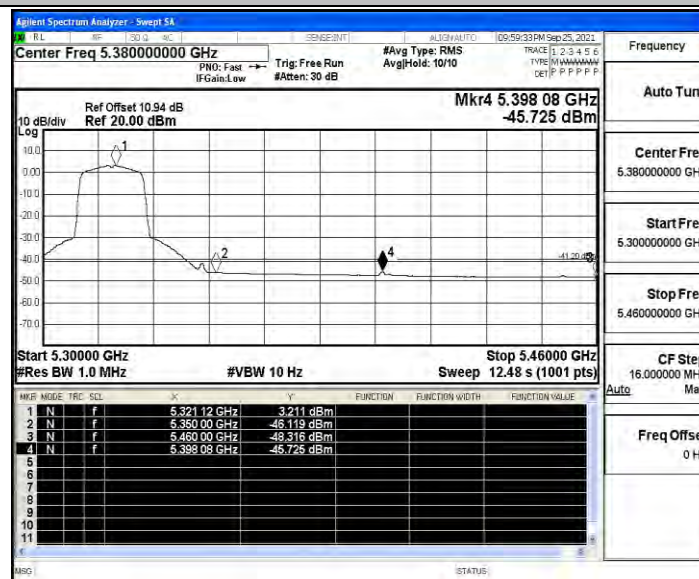


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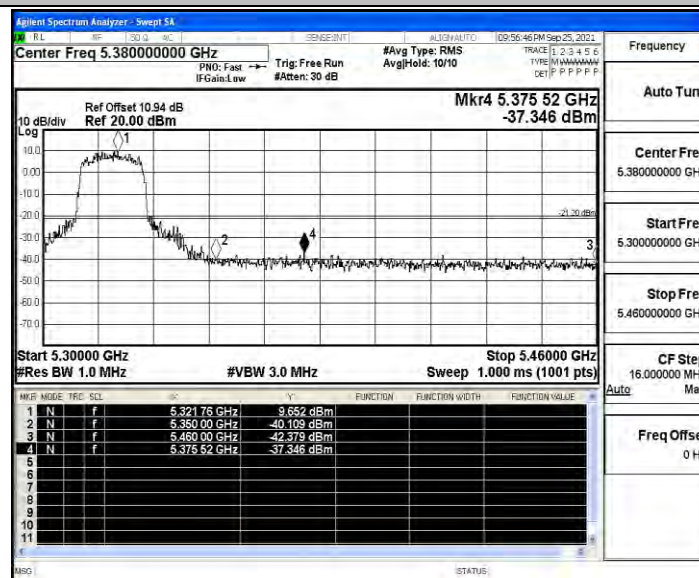




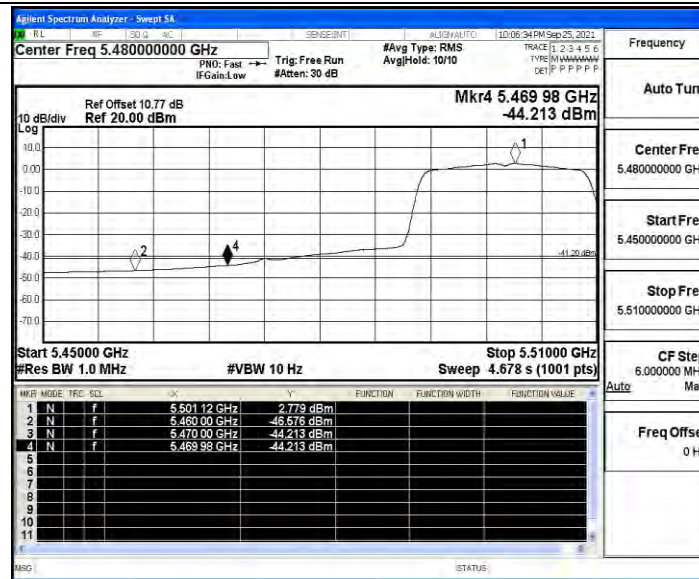
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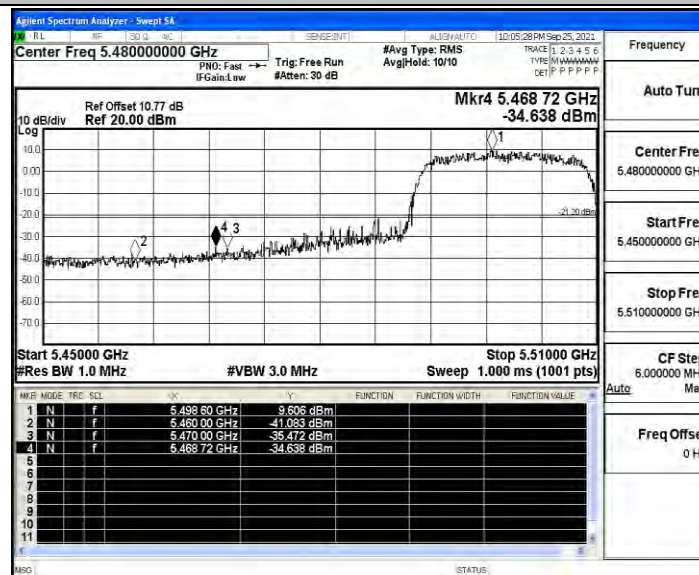
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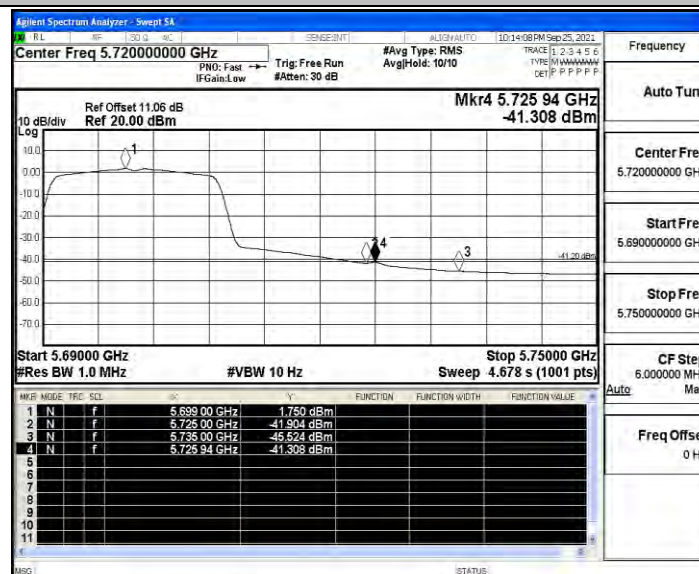
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11N20SISO_Ant1_Low_5500_Peak

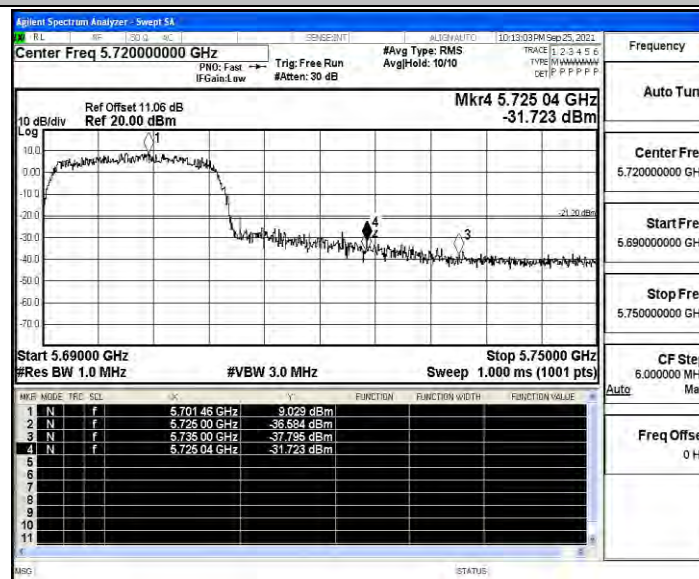


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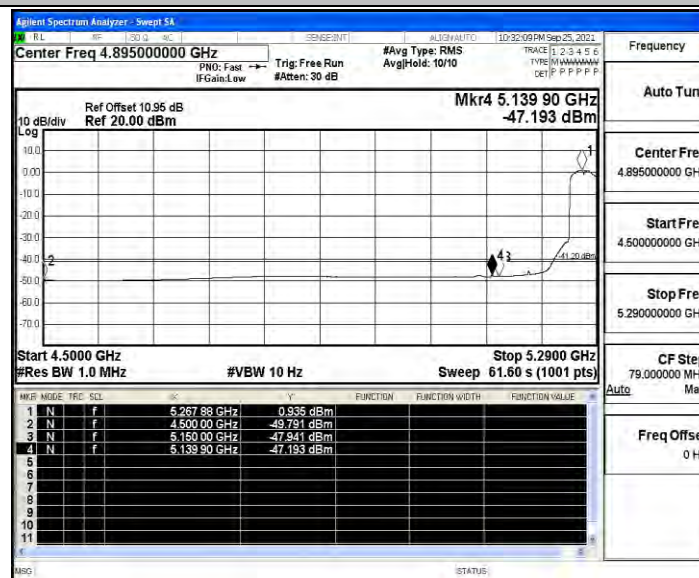




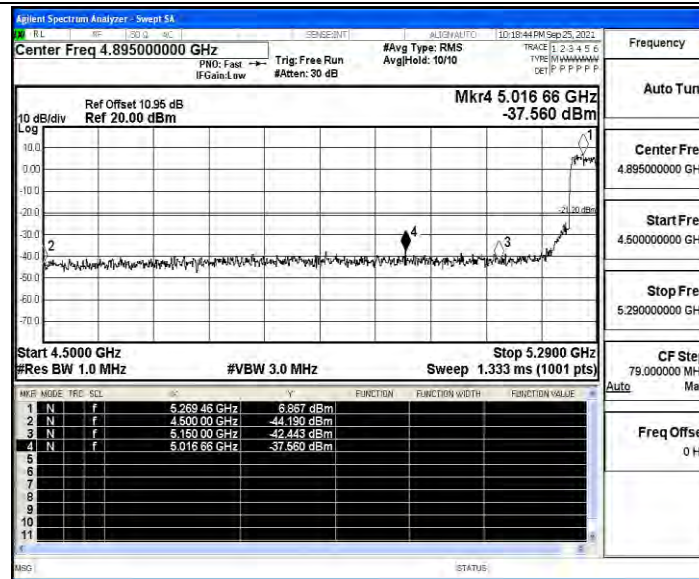
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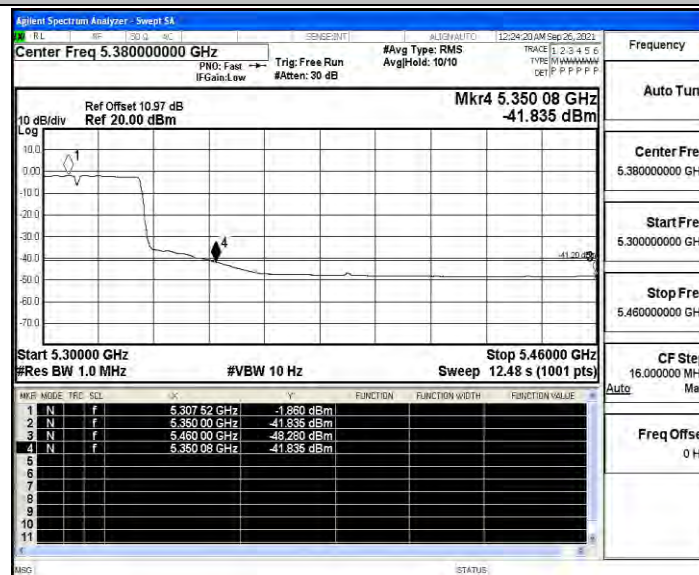
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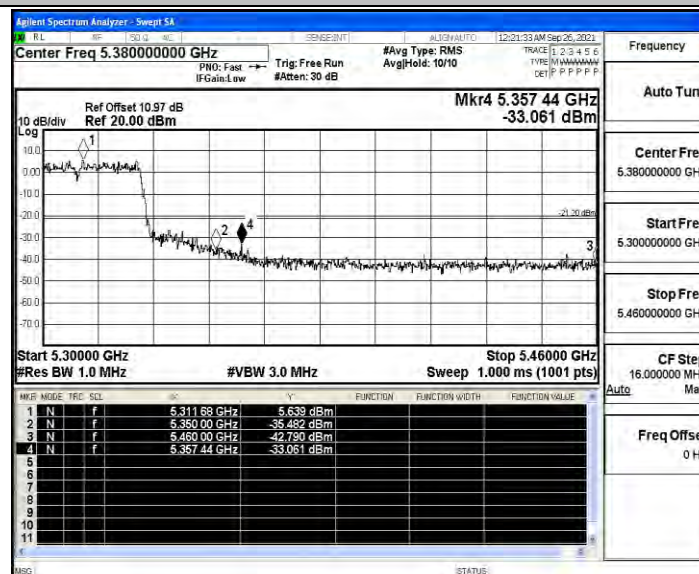
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11N40SISO_Ant1_High_5310_AV

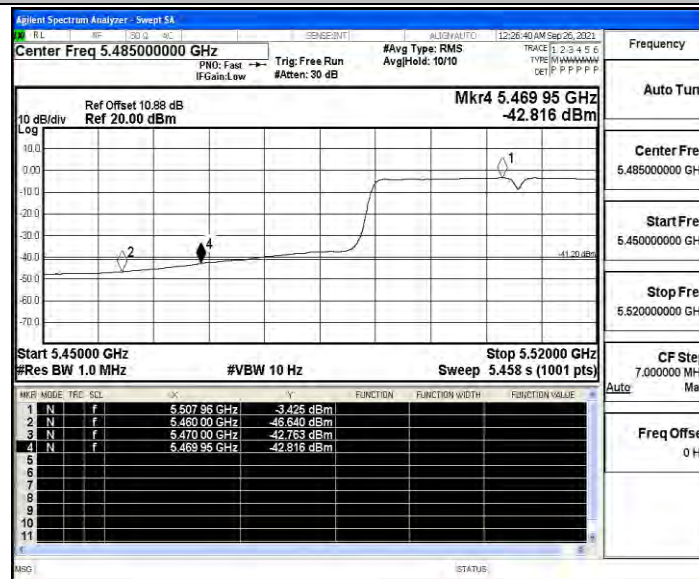


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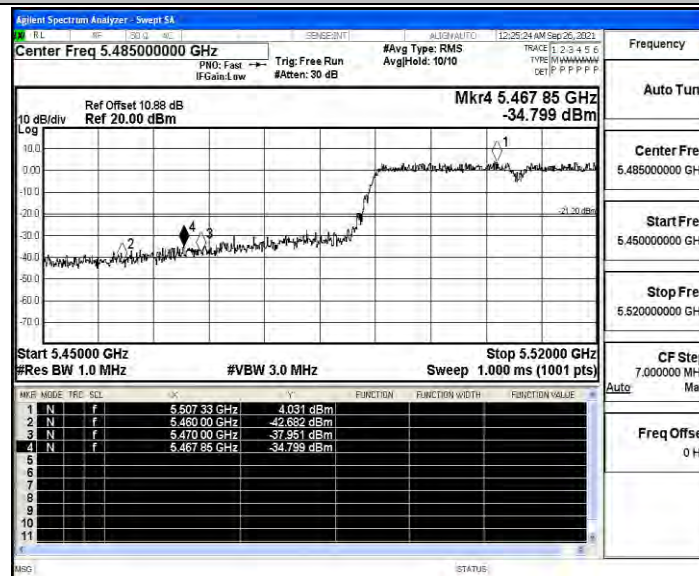




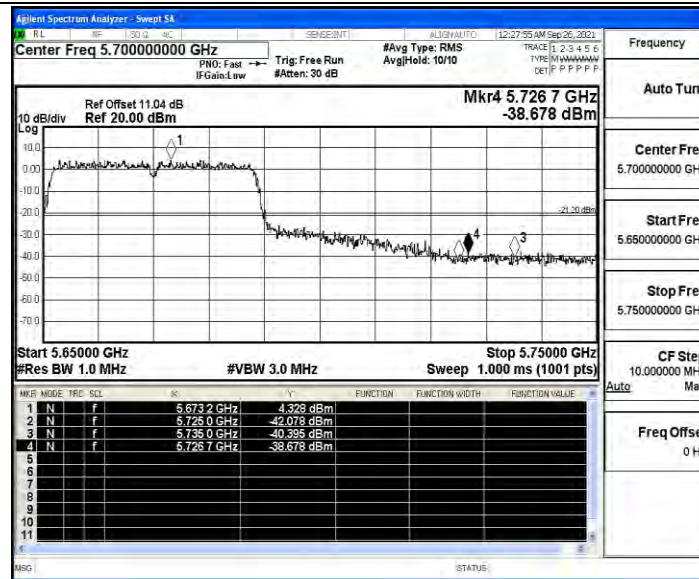
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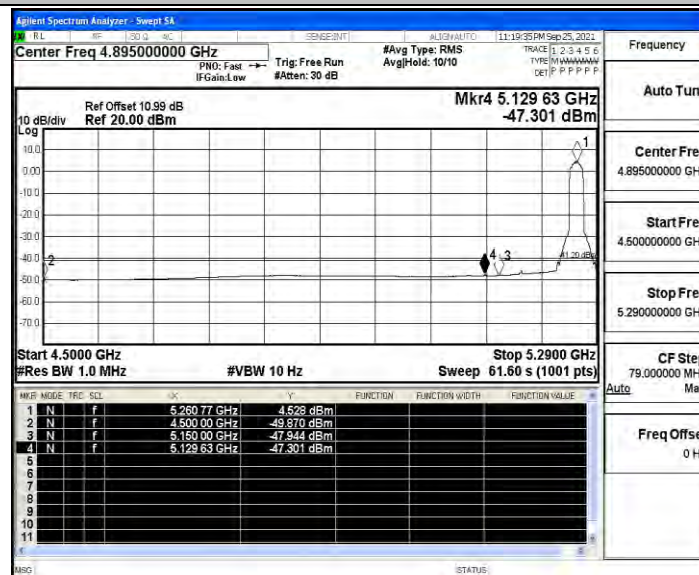
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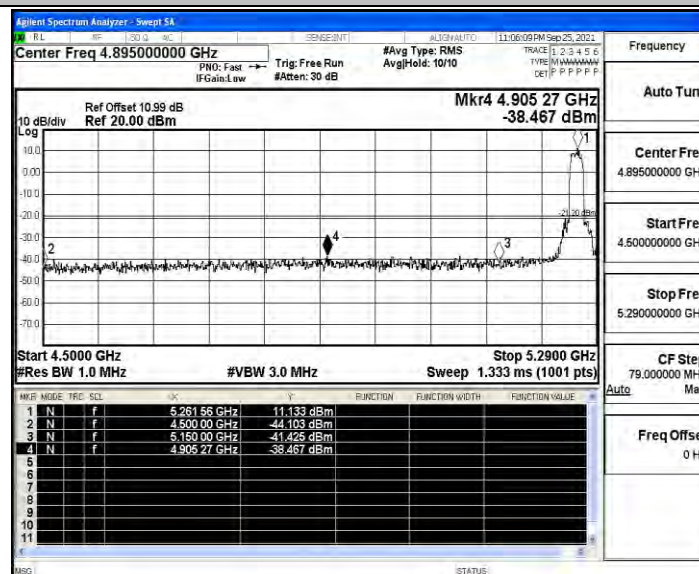
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11AC20SISO_Ant1_Low_5260_AV

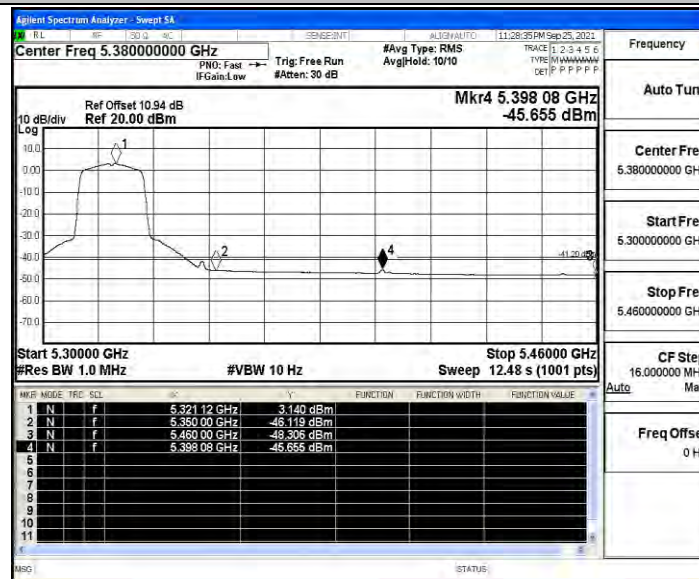


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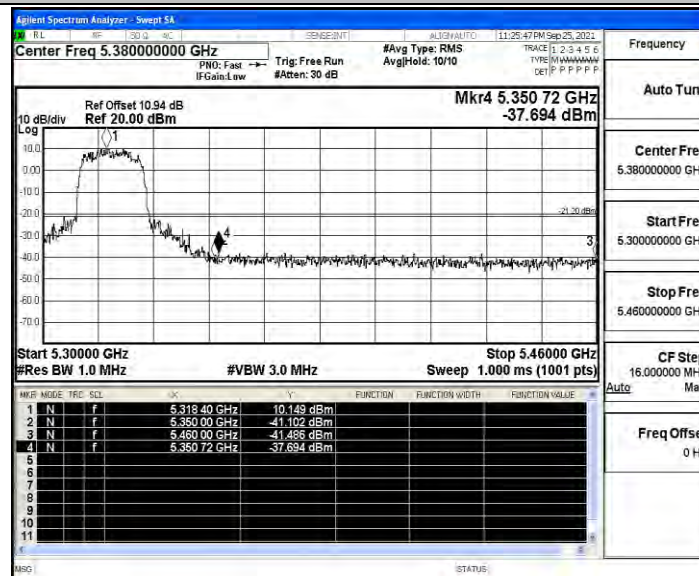




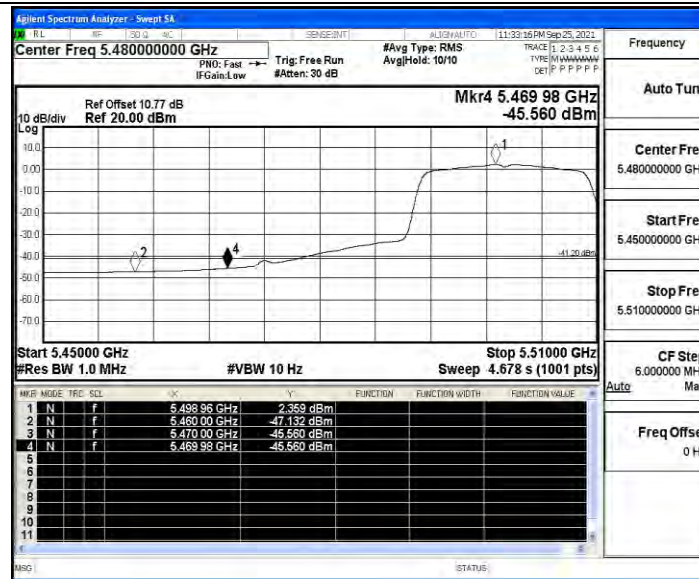
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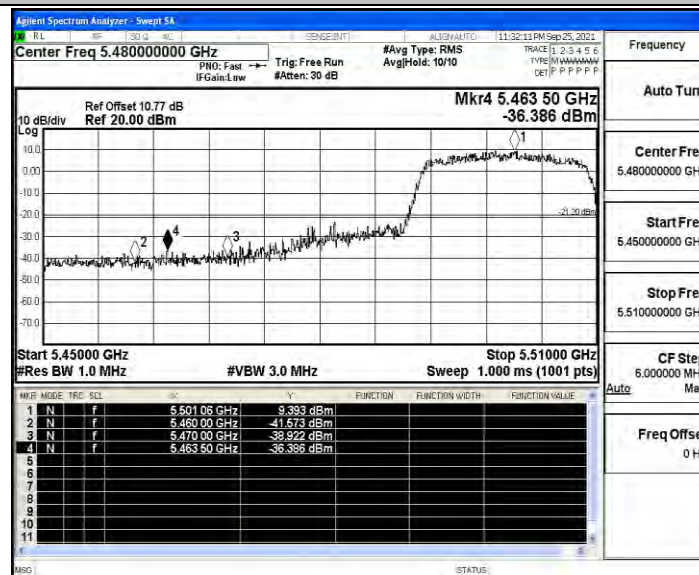
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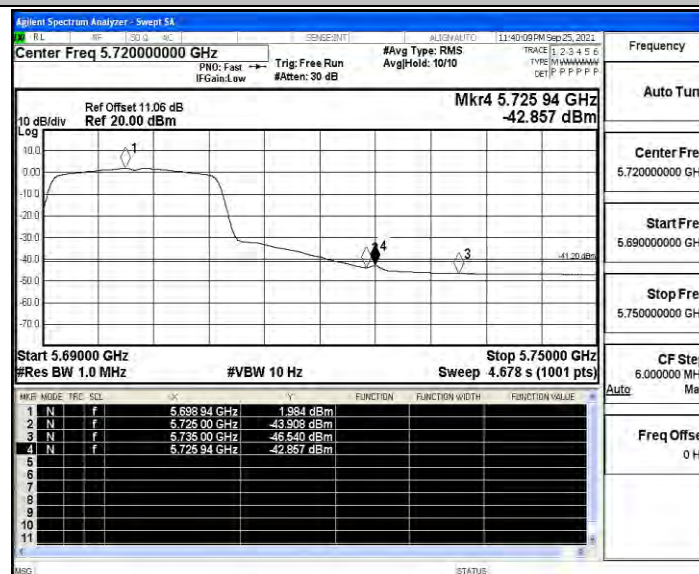
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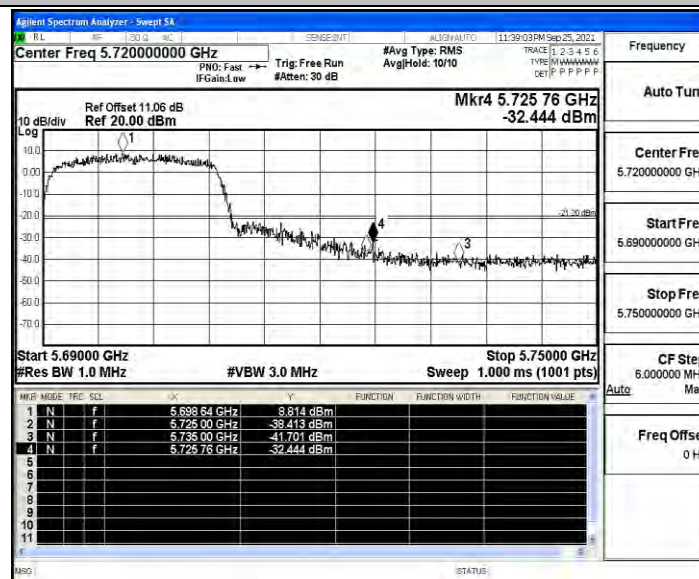


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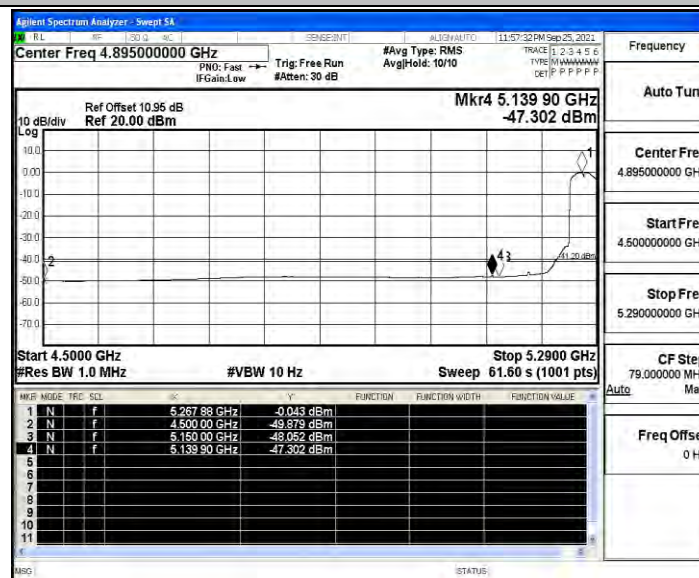




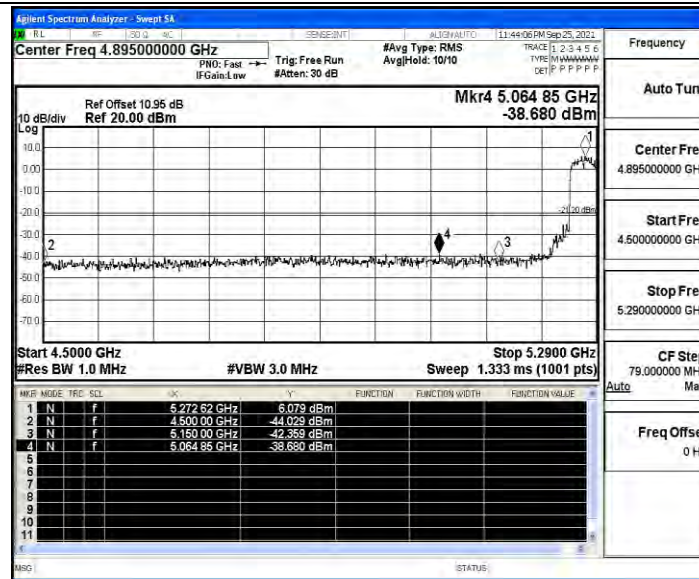
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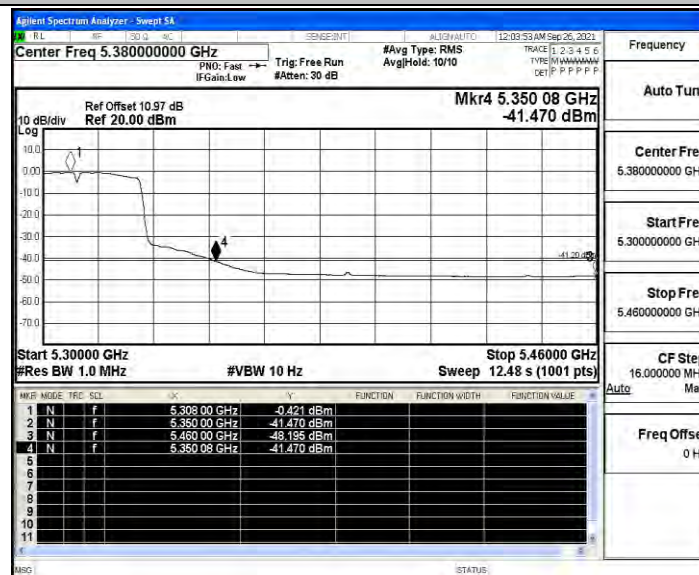
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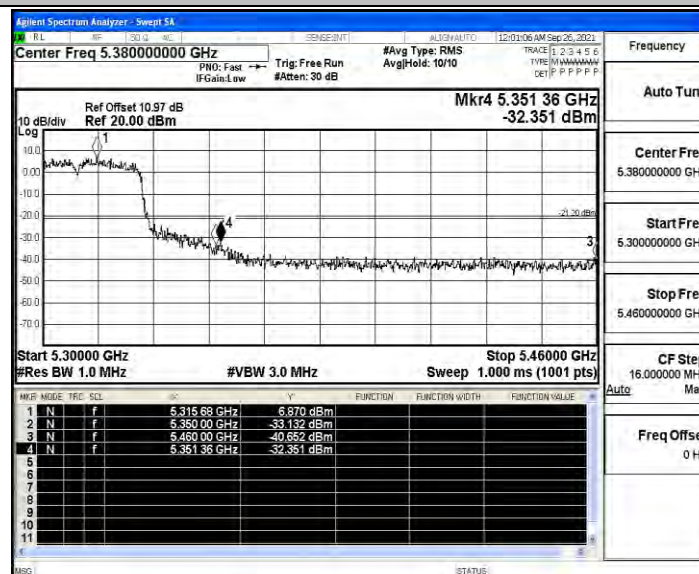
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11AC40SISO_Ant1_High_5310_AV

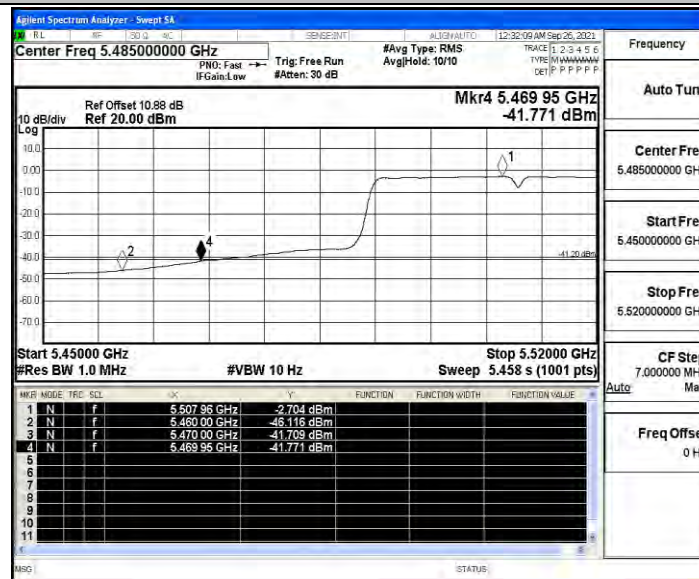


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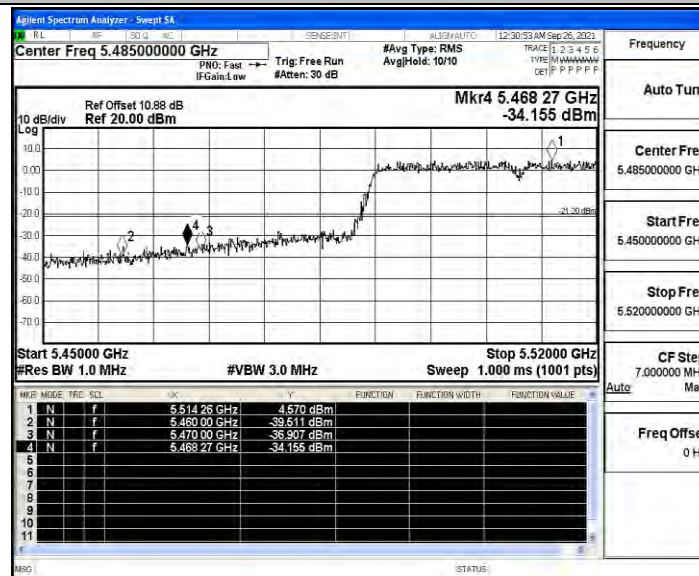




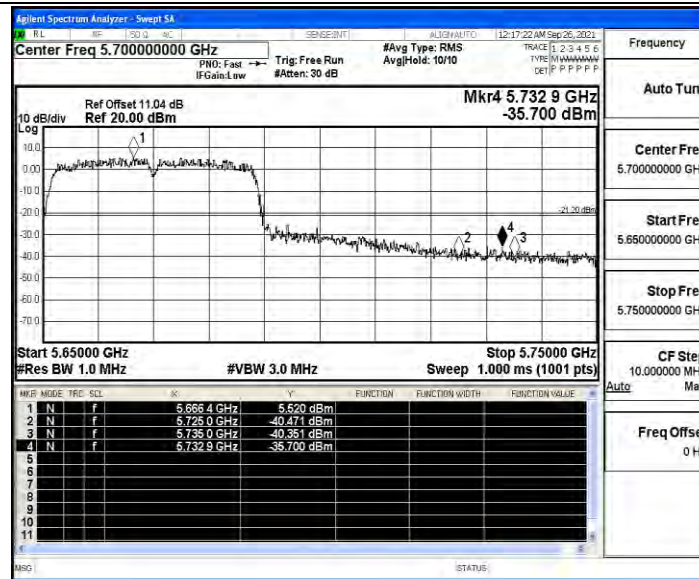
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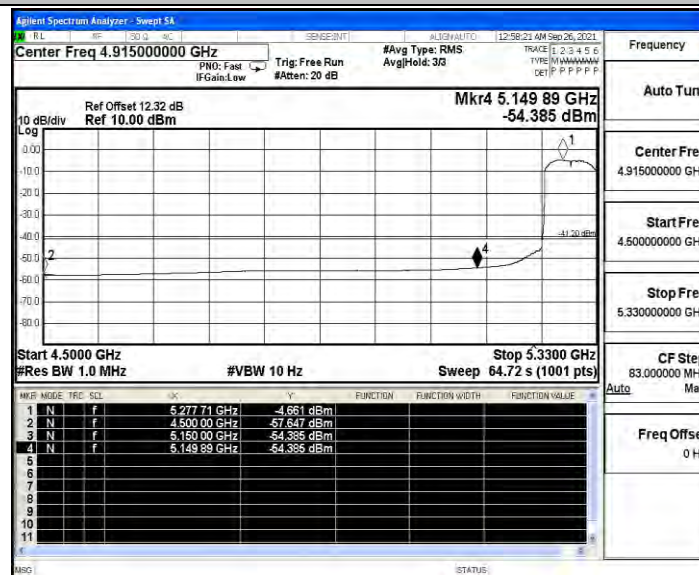
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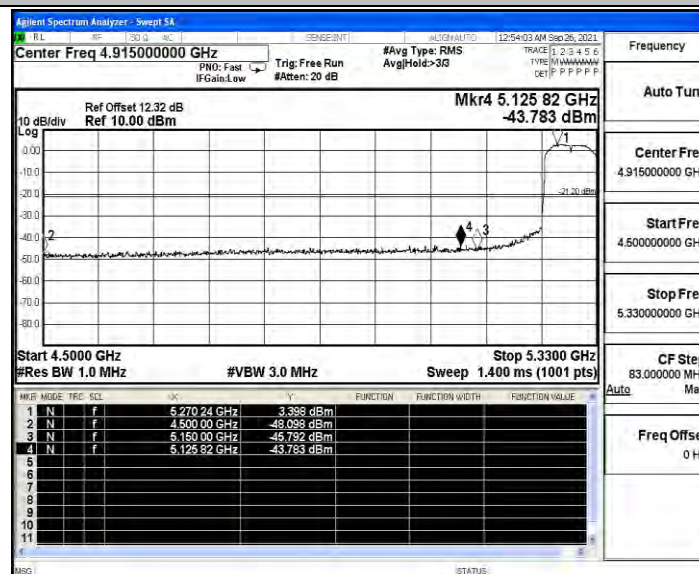
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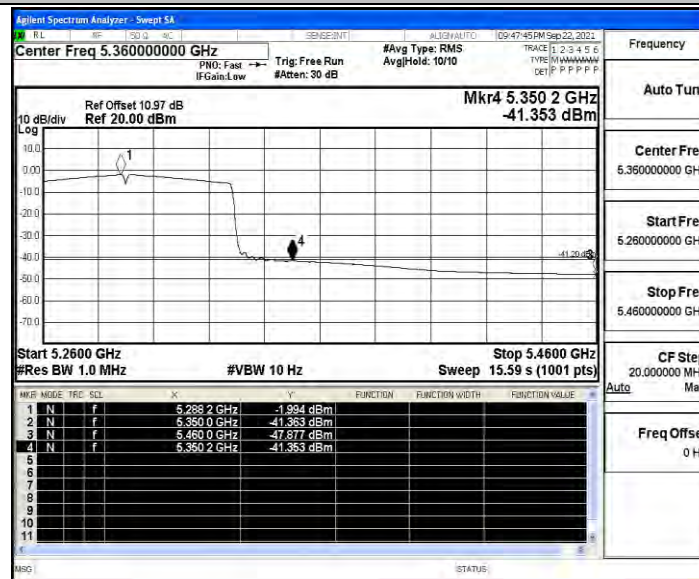


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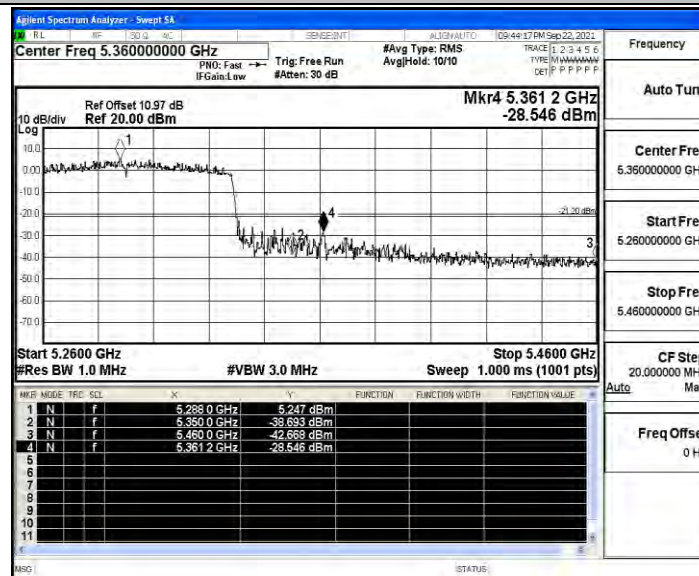




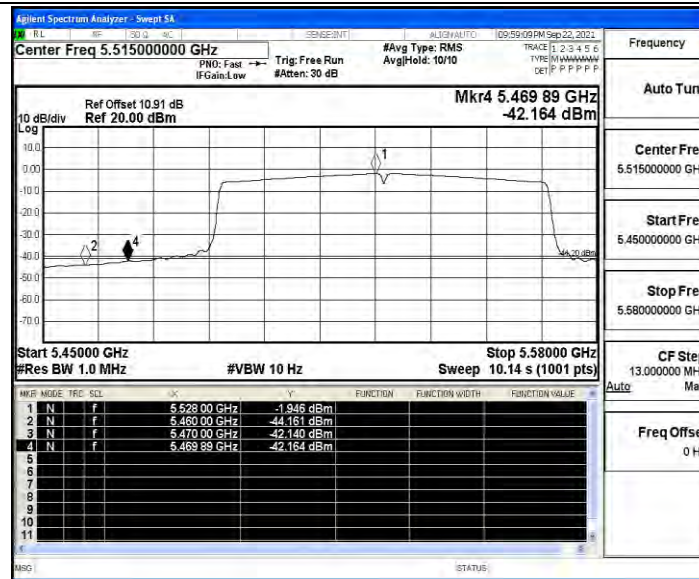
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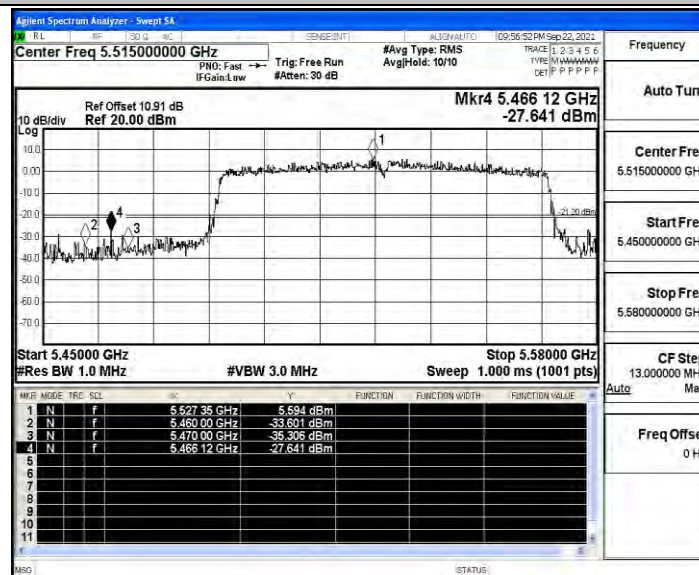
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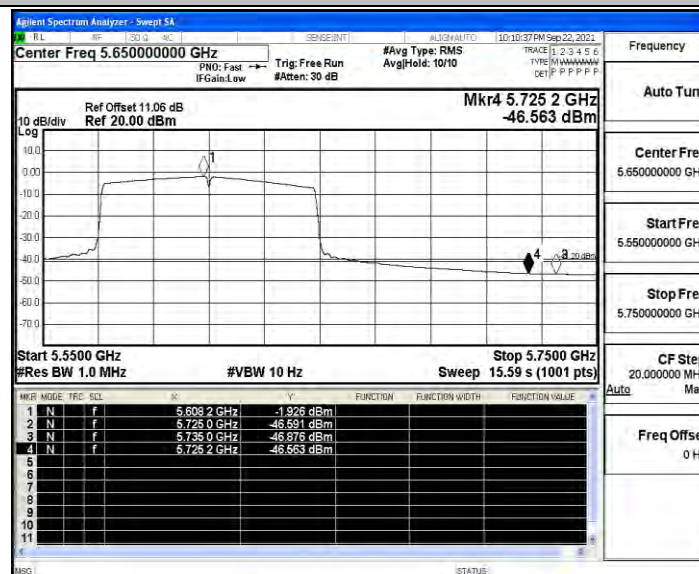
11AC80SISO_Ant1_Low_5530_AV



11AC80SISO_Ant1_Low_5530_Peak



11AC80SISO_Ant1_High_5610_AV





11AC80SISO_Ant1_High_5610_Peak

