



Appendix A3: Min emission bandwidth

Test Result

Test Mode	Antenna	Channel	6dB EBW [MHz]	FL[MHz]	FH[MHz]	Limit[MHz]	Verdict
11A	Ant1	5745	15.440	5737.080	5752.520	0.5	PASS
		5785	15.320	5777.400	5792.720	0.5	PASS
		5825	15.080	5817.440	5832.520	0.5	PASS
11N20SISO	Ant1	5745	15.080	5737.440	5752.520	0.5	PASS
		5785	15.480	5777.400	5792.880	0.5	PASS
		5825	15.440	5817.400	5832.840	0.5	PASS
11N40SISO	Ant1	5755	35.680	5737.080	5772.760	0.5	PASS
		5795	35.440	5777.080	5812.520	0.5	PASS
11AC20SISO	Ant1	5745	15.280	5737.240	5752.520	0.5	PASS
		5785	15.520	5777.200	5792.720	0.5	PASS
		5825	15.520	5817.200	5832.720	0.5	PASS
11AC40SISO	Ant1	5755	35.440	5737.080	5772.520	0.5	PASS
		5795	35.440	5777.080	5812.520	0.5	PASS
11AX20SISO	Ant1	5745	15.680	5736.960	5752.640	0.5	PASS
		5785	15.520	5777.120	5792.640	0.5	PASS
		5825	15.560	5817.080	5832.640	0.5	PASS
11AX40SISO	Ant1	5755	36.560	5736.280	5772.840	0.5	PASS
		5795	37.040	5776.440	5813.480	0.5	PASS

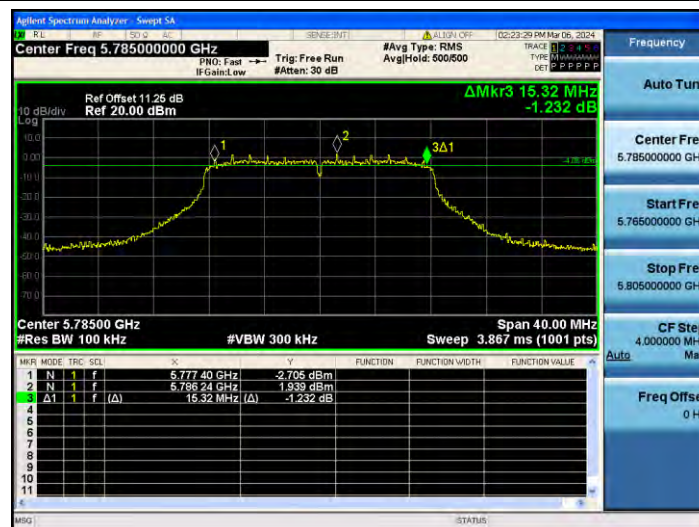


Test Graphs

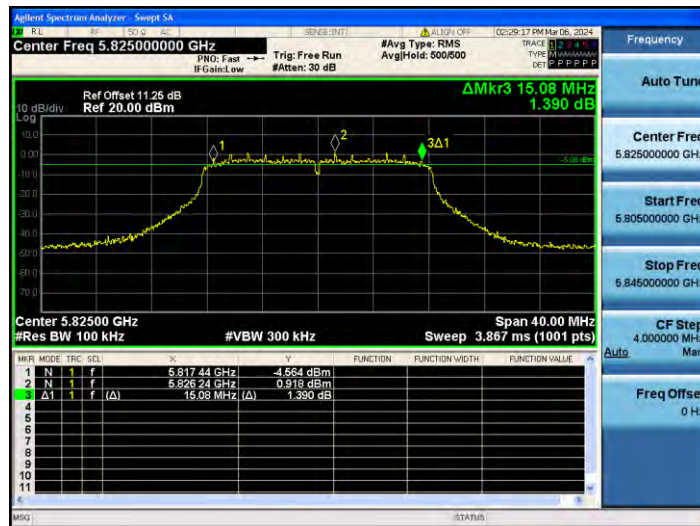
11A_Ant1_5745



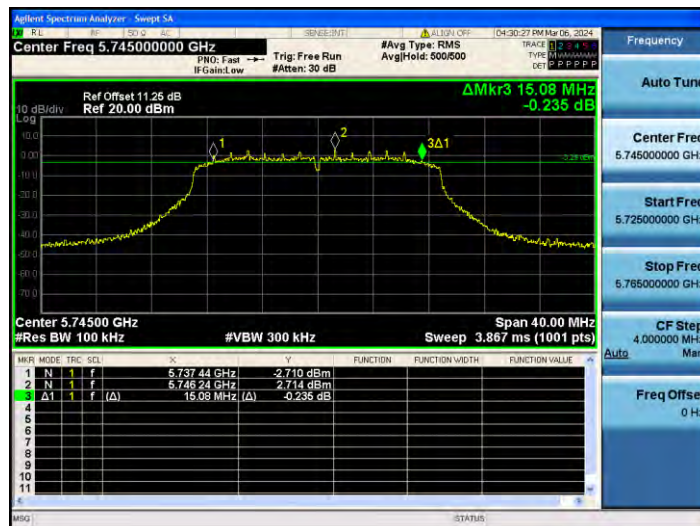
11A_Ant1_5785



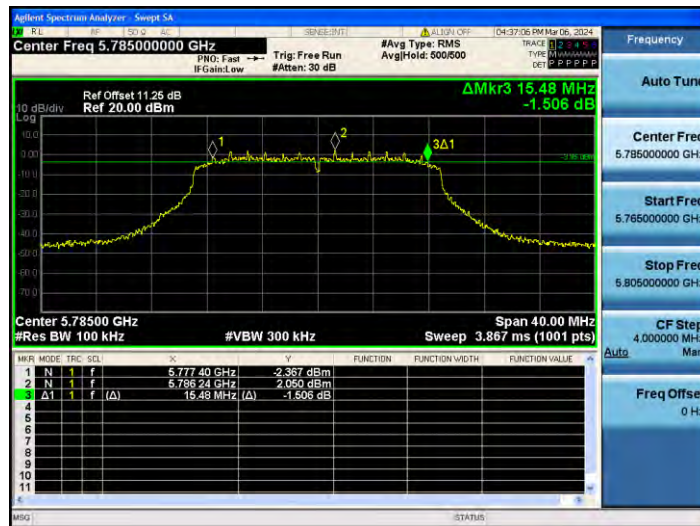
11A_Ant1_5825



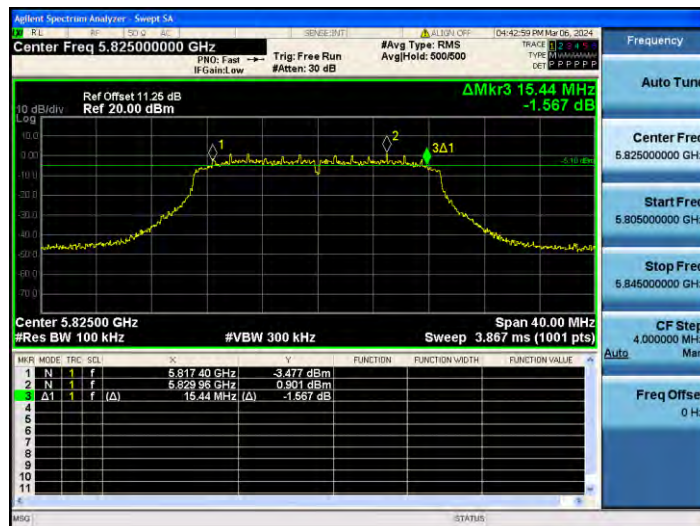
11N20SISO_Ant1_5745



11N20SISO_Ant1_5785



11N20SISO_Ant1_5825



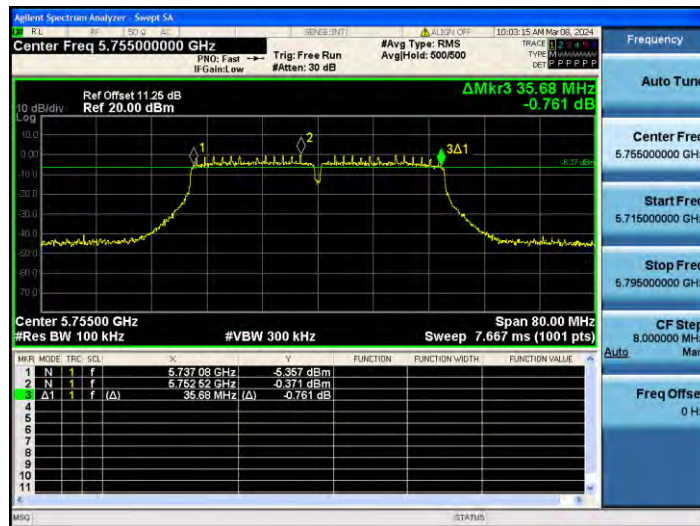
11N40SISO_Ant1_5755



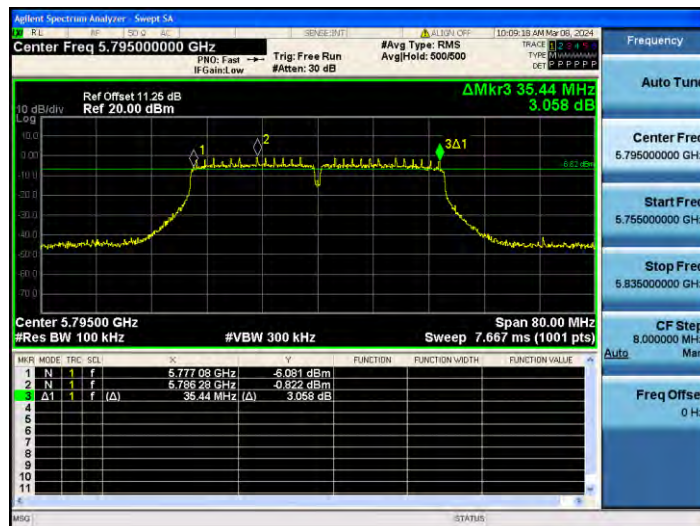
SGS-CSTC Standards Technical Services (Shanghai) Co., Ltd.

Report No.: SHCR240100007004

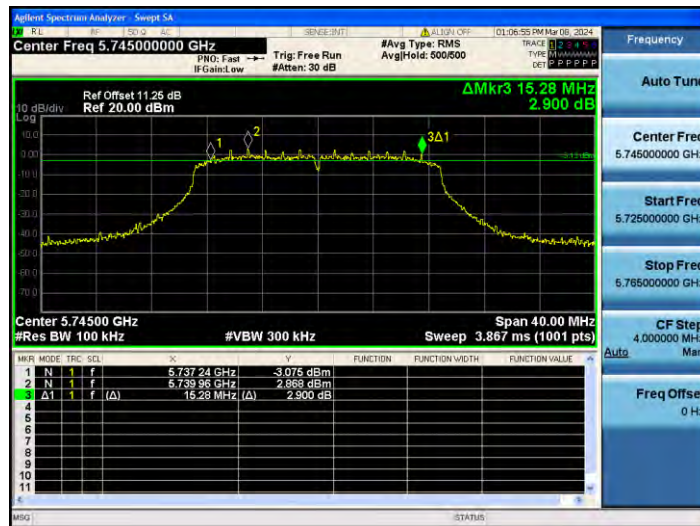
Page: 87 of 242



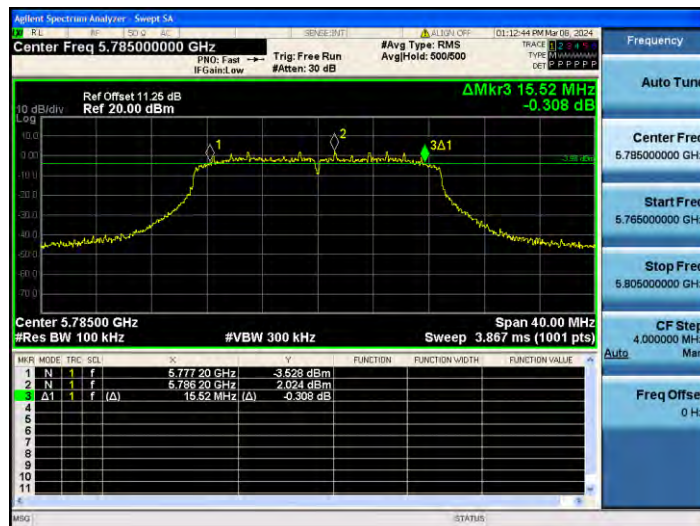
11N40SISO_Ant1_5795



11AC20SISO_Ant1_5745



11AC20SISO_Ant1_5785



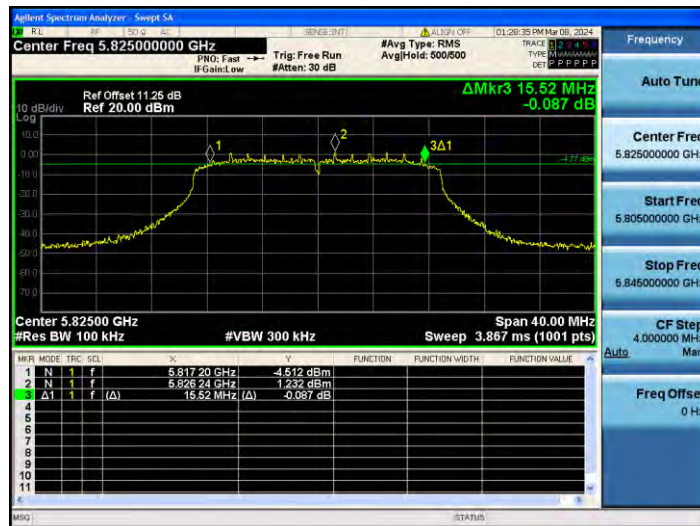
11AC20SISO_Ant1_5825



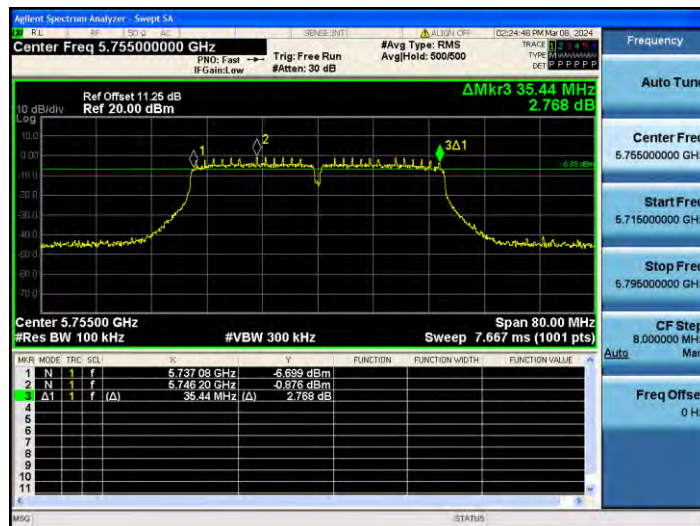
SGS-CSTC Standards Technical Services (Shanghai) Co., Ltd.

Report No.: SHCR240100007004

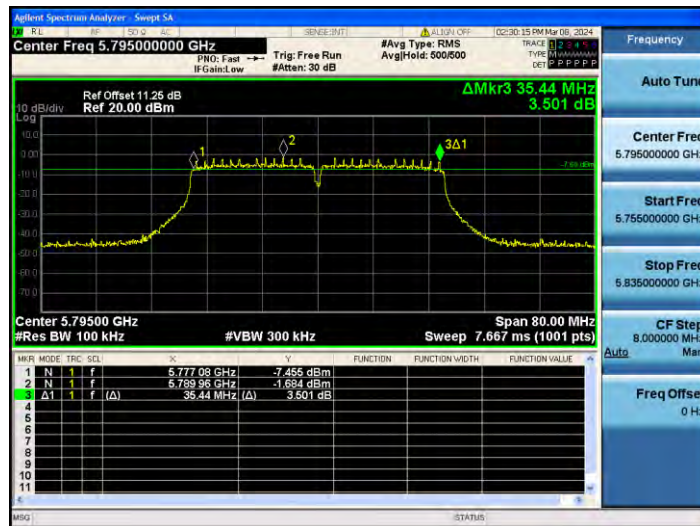
Page: 89 of 242



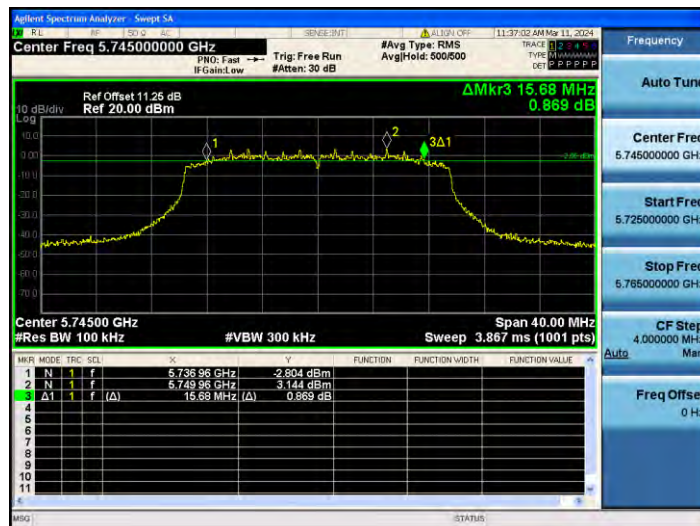
11AC40SISO_Ant1_5755



11AC40SISO_Ant1_5795



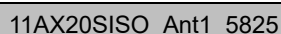
11AX20SISO_Ant1_5745



11AX20SISO_Ant1_5785



Page: 91 of 242

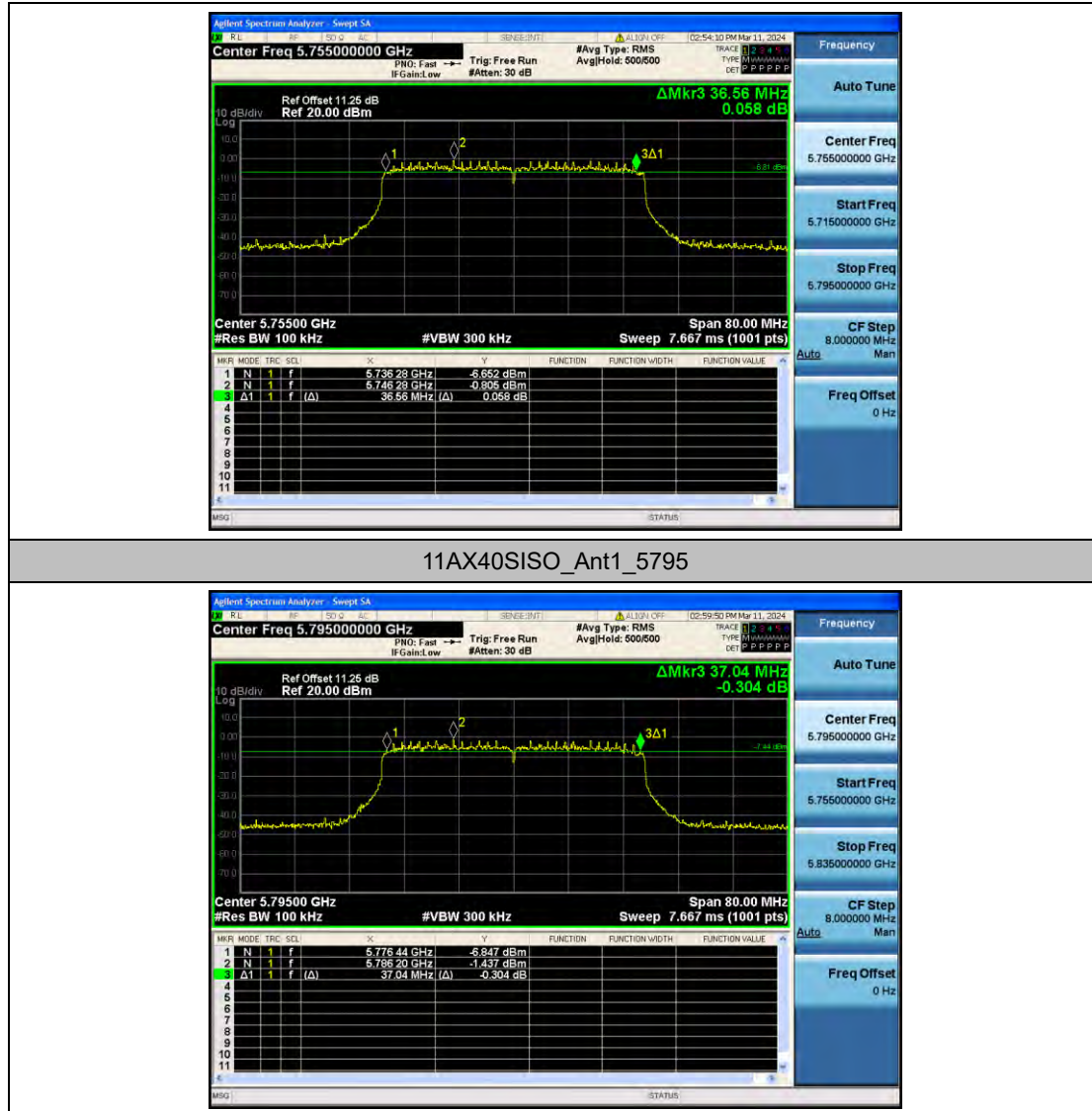




SGS-CSTC Standards Technical Services (Shanghai) Co., Ltd.

Report No.: SHCR240100007004

Page: 92 of 242





Appendix B: Maximum conducted output power

Test Result

Test Mode	Antenna	Channel	Level [dBm]	10Log(1/X) Factor [dB]	Power [dBm]	Limit [dBm]	Verdict
11A	Ant1	5180	13.95	0.27	14.22	≤23.98	PASS
		5220	13.62	0.17	13.79	≤23.98	PASS
		5240	13.73	0.25	13.98	≤23.98	PASS
		5260	13.85	0.29	14.14	≤23.98	PASS
		5300	14.21	0.33	14.54	≤23.98	PASS
		5320	13.44	0.37	13.81	≤23.98	PASS
		5500	16.90	0.37	17.27	≤23.98	PASS
		5580	16.38	0.45	16.83	≤23.98	PASS
		5700	14.51	0.33	14.84	≤23.98	PASS
		5745	13.38	0.27	13.65	≤30.00	PASS
		5785	12.69	0.29	12.98	≤30.00	PASS
		5825	11.68	0.41	12.09	≤30.00	PASS
11N20SISO	Ant1	5180	12.99	0.25	13.24	≤23.98	PASS
		5220	12.79	0.24	13.03	≤23.98	PASS
		5240	13.02	0.11	13.13	≤23.98	PASS
		5260	13.01	0.37	13.38	≤23.98	PASS
		5300	13.34	0.48	13.82	≤23.98	PASS
		5320	12.52	1.40	13.92	≤23.98	PASS
		5500	16.53	0.16	16.69	≤23.98	PASS
		5580	16.12	0.37	16.49	≤23.98	PASS
		5700	14.34	0.33	14.67	≤23.98	PASS
		5745	13.44	0.24	13.68	≤30.00	PASS
		5785	12.74	0.35	13.09	≤30.00	PASS
		5825	11.79	0.29	12.08	≤30.00	PASS
11N40SISO	Ant1	5190	14.38	0.61	14.99	≤23.98	PASS
		5230	12.91	0.18	13.09	≤23.98	PASS
		5270	13.97	0.52	14.49	≤23.98	PASS
		5310	14.02	0.68	14.70	≤23.98	PASS
		5510	17.37	0.56	17.93	≤23.98	PASS
		5550	17.31	0.32	17.63	≤23.98	PASS
		5670	15.16	0.53	15.69	≤23.98	PASS
		5755	13.82	0.27	14.09	≤30.00	PASS
		5795	13.24	0.57	13.81	≤30.00	PASS
11AC20SISO	Ant1	5180	15.68	0.22	15.90	≤23.98	PASS



		5220	14.15	0.13	14.28	≤23.98	PASS
		5240	14.29	0.16	14.45	≤23.98	PASS
		5260	14.25	0.18	14.43	≤23.98	PASS
		5300	14.30	0.09	14.39	≤23.98	PASS
		5320	13.63	0.27	13.90	≤23.98	PASS
		5500	17.09	0.24	17.33	≤23.98	PASS
		5580	16.60	0.37	16.97	≤23.98	PASS
		5700	14.67	0.39	15.06	≤23.98	PASS
		5745	13.52	0.33	13.85	≤30.00	PASS
		5785	12.93	0.33	13.26	≤30.00	PASS
		5825	11.91	0.24	12.15	≤30.00	PASS
11AC40SISO	Ant1	5190	14.89	0.84	15.73	≤23.98	PASS
		5230	13.15	0.65	13.80	≤23.98	PASS
		5270	13.60	0.40	14.00	≤23.98	PASS
		5310	13.57	0.68	14.25	≤23.98	PASS
		5510	16.95	0.61	17.56	≤23.98	PASS
		5550	16.93	0.88	17.81	≤23.98	PASS
		5670	14.72	0.65	15.37	≤23.98	PASS
		5755	13.25	0.48	13.73	≤30.00	PASS
		5795	12.61	0.40	13.01	≤30.00	PASS
11AX20SISO	Ant1	5180	15.23	0.26	15.49	≤23.98	PASS
		5220	13.31	0.26	13.57	≤23.98	PASS
		5240	13.35	0.32	13.67	≤23.98	PASS
		5260	13.25	0.32	13.57	≤23.98	PASS
		5300	13.90	0.48	14.38	≤23.98	PASS
		5320	13.28	0.45	13.73	≤23.98	PASS
		5500	17.23	0.48	17.71	≤23.98	PASS
		5580	14.65	0.37	15.02	≤23.98	PASS
		5700	12.79	0.35	13.14	≤23.98	PASS
		5745	13.68	0.35	14.03	≤30.00	PASS
		5785	13.02	0.42	13.44	≤30.00	PASS
		5825	11.94	0.12	12.06	≤30.00	PASS
11AX40SISO	Ant1	5190	14.72	0.80	15.52	≤23.98	PASS
		5230	13.29	0.70	13.99	≤23.98	PASS
		5270	13.46	1.22	14.68	≤23.98	PASS
		5310	12.75	0.60	13.35	≤23.98	PASS
		5510	16.90	0.65	17.55	≤23.98	PASS
		5550	16.44	1.03	17.47	≤23.98	PASS

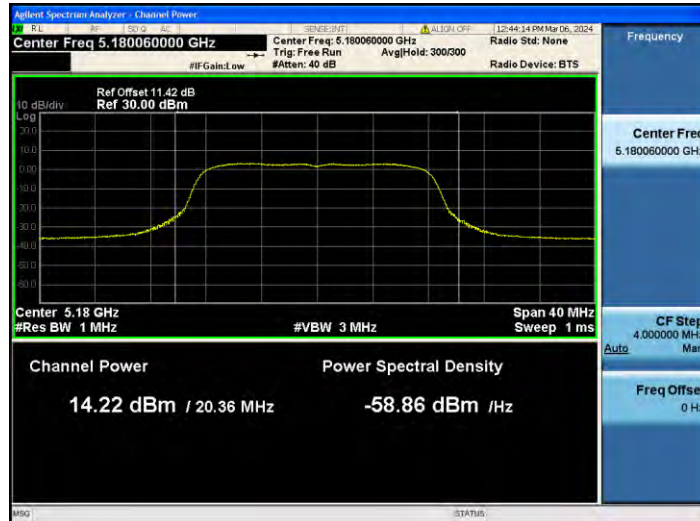


		5670	14.58	0.28	14.86	≤23.98	PASS
		5755	13.02	0.28	13.30	≤30.00	PASS
		5795	12.18	0.79	12.97	≤30.00	PASS

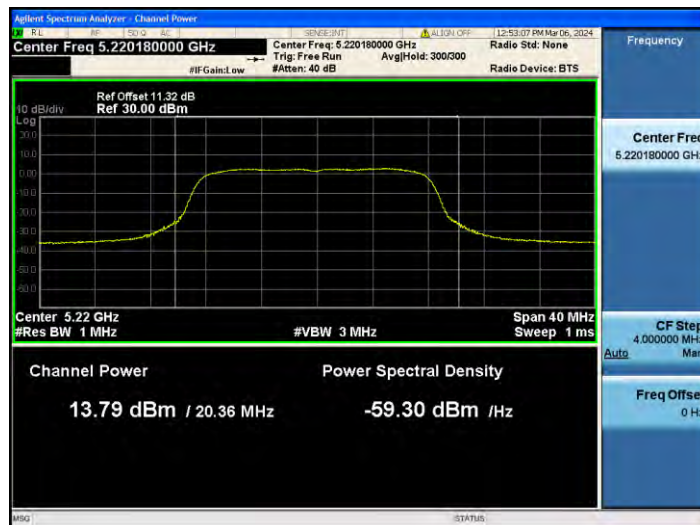


Test Graphs

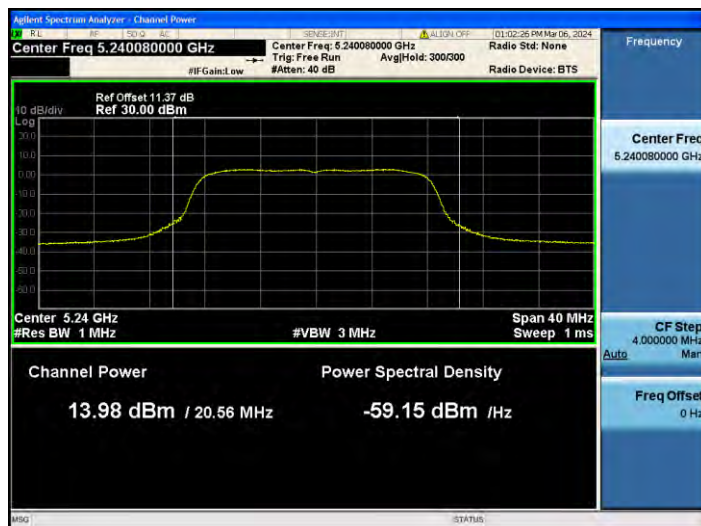
11A_Ant1_5180



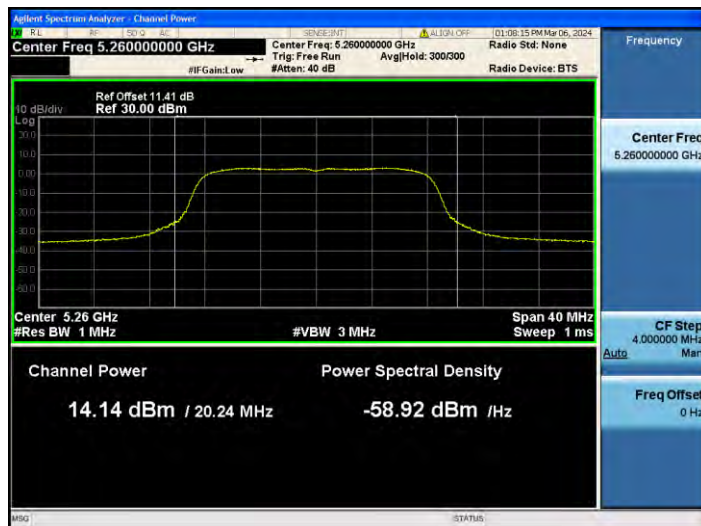
11A_Ant1_5220



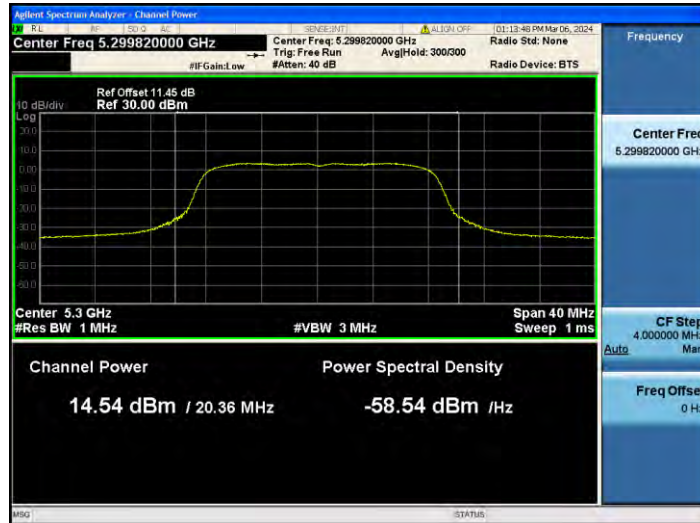
11A_Ant1_5240



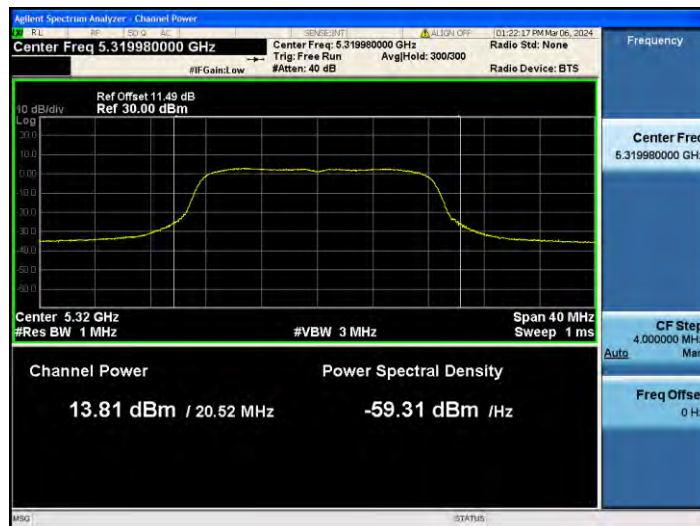
11A_Ant1_5260



11A_Ant1_5300



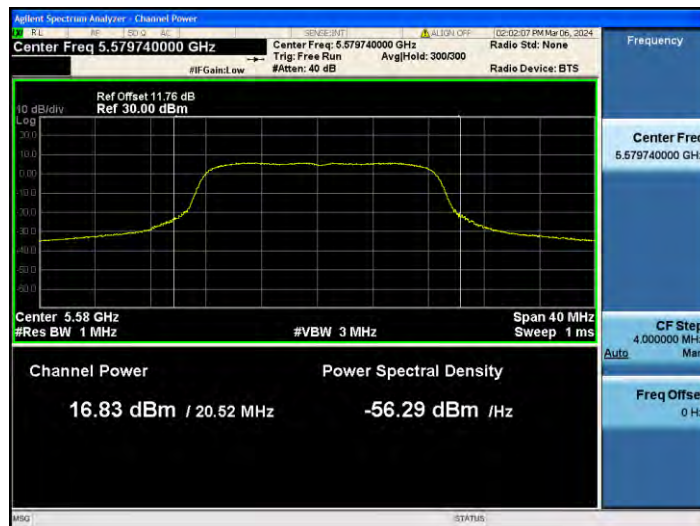
11A_Ant1_5320



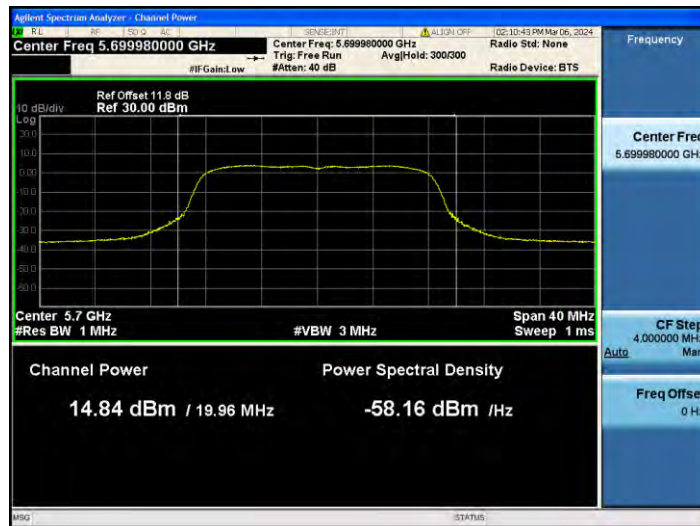
11A_Ant1_5500



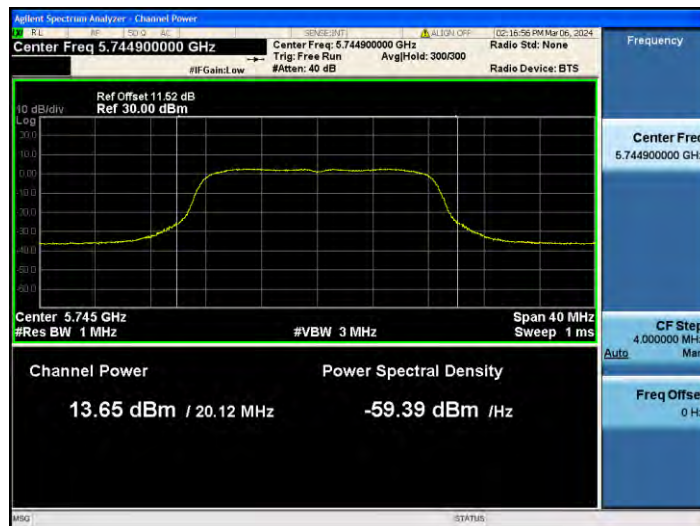
11A_Ant1_5580



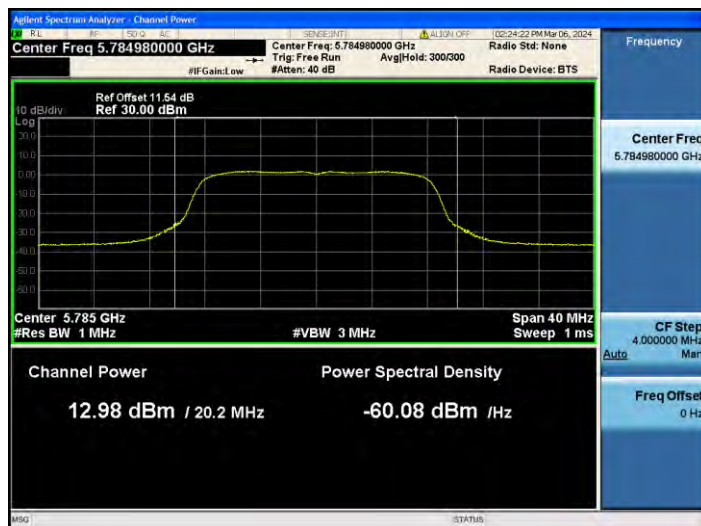
11A_Ant1_5700



11A_Ant1_5745



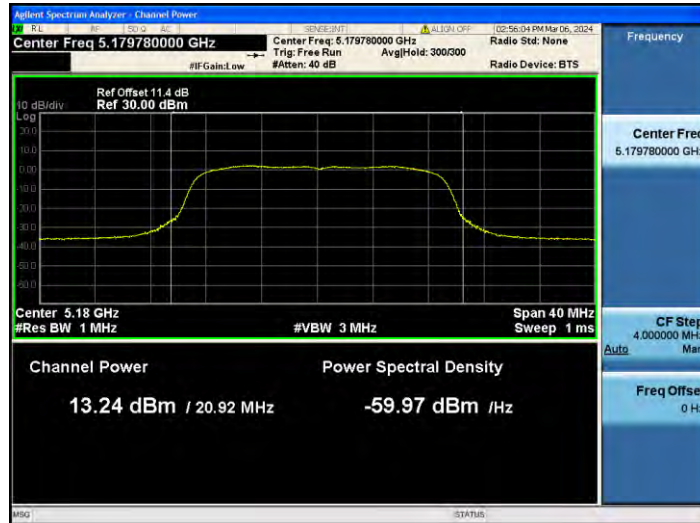
11A_Ant1_5785



11A_Ant1_5825



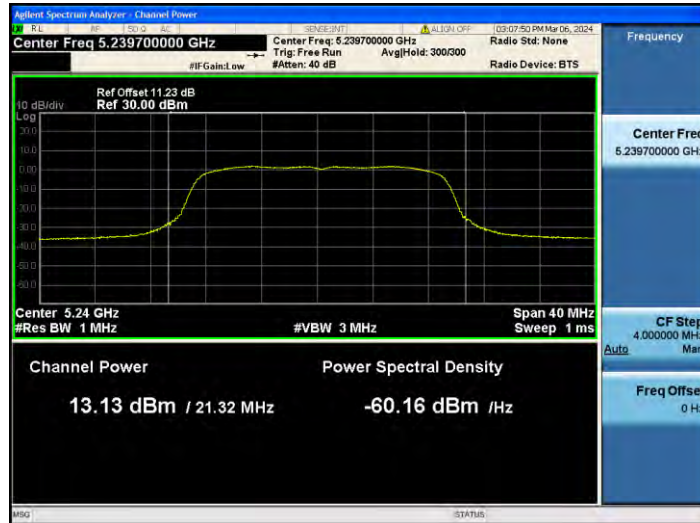
11N20SISO_Ant1_5180



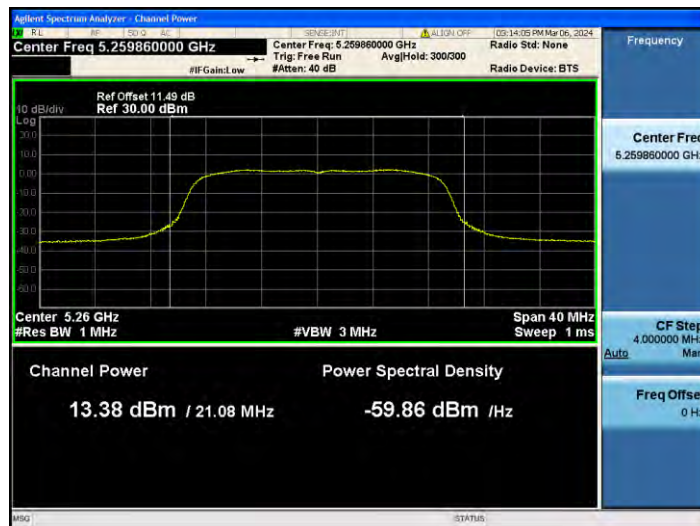
11N20SISO_Ant1_5220



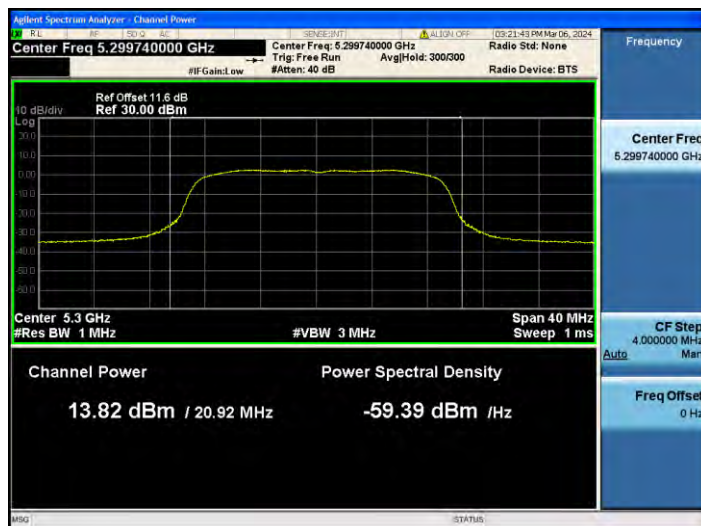
11N20SISO_Ant1_5240



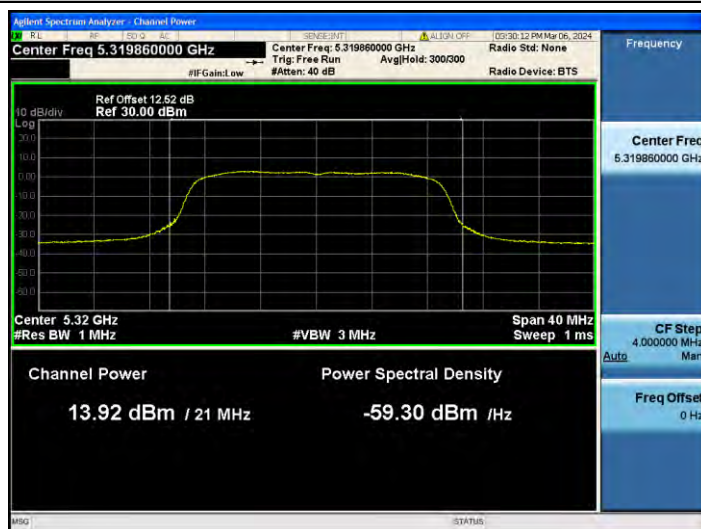
11N20SISO_Ant1_5260



11N20SISO_Ant1_5300



11N20SISO_Ant1_5320



11N20SISO_Ant1_5500



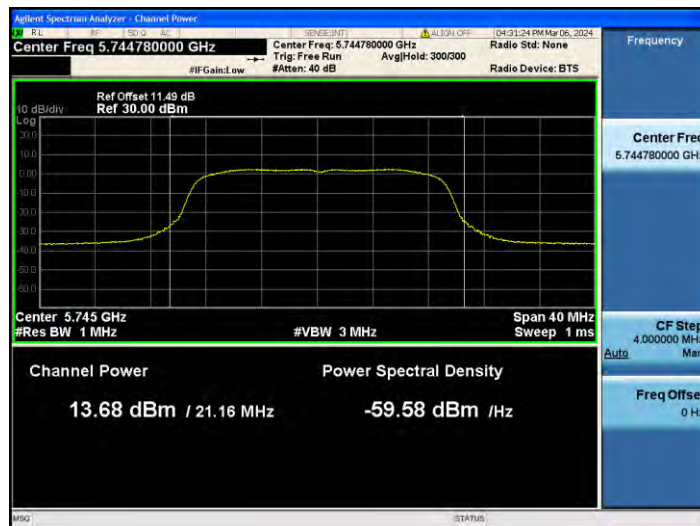
11N20SISO_Ant1_5580



11N20SISO_Ant1_5700



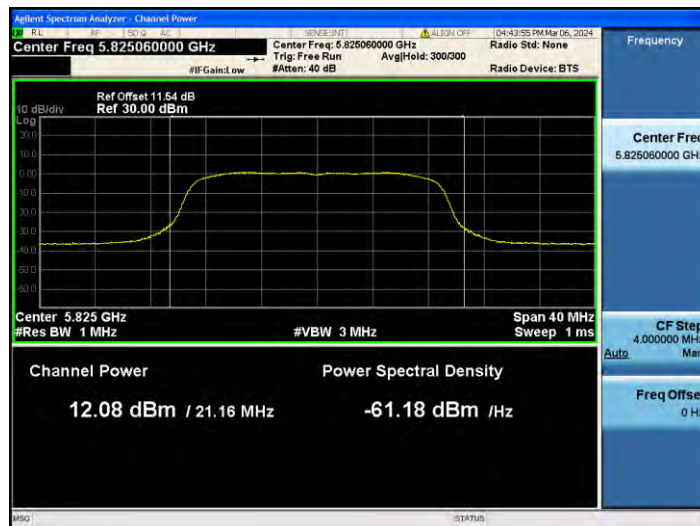
11N20SISO_Ant1_5745



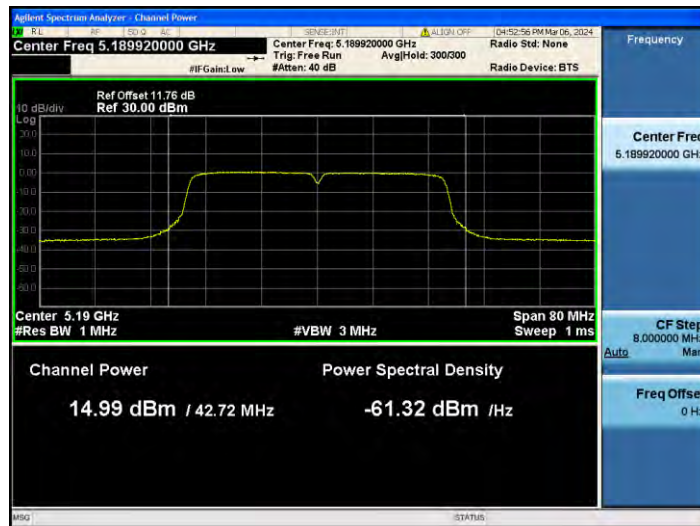
11N20SISO_Ant1_5785



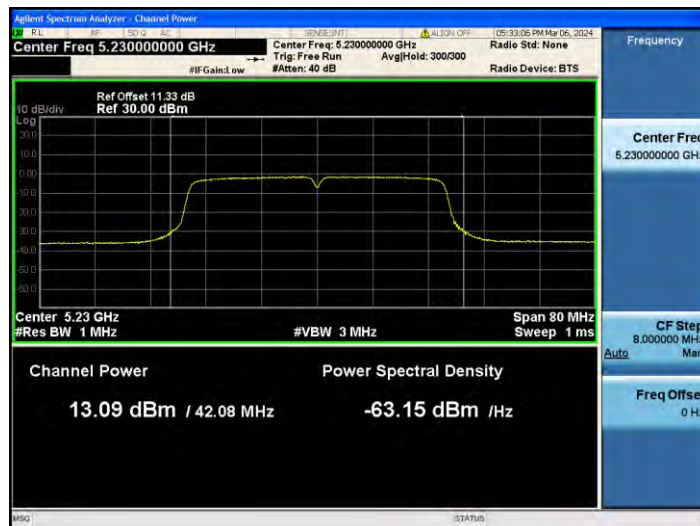
11N20SISO_Ant1_5825



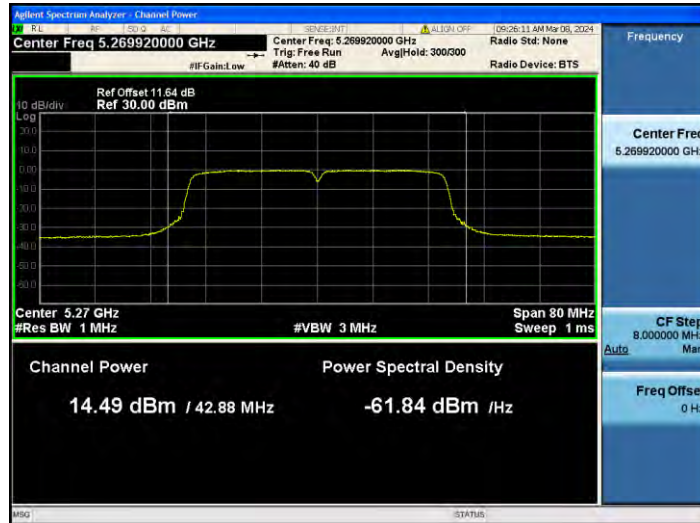
11N40SISO_Ant1_5190



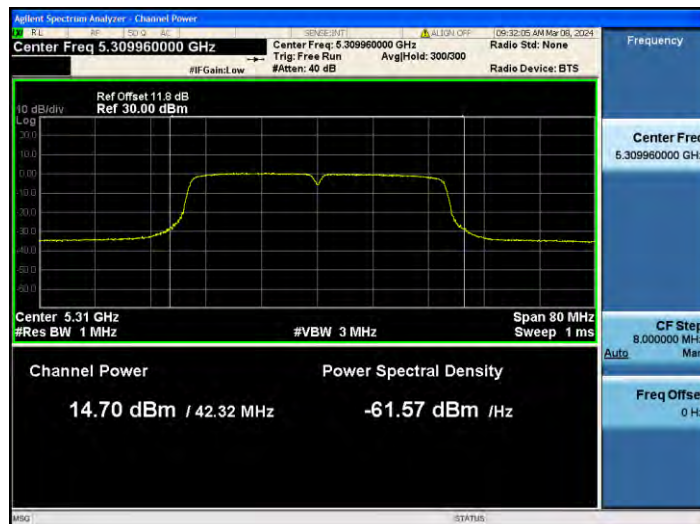
11N40SISO_Ant1_5230



11N40SISO_Ant1_5270



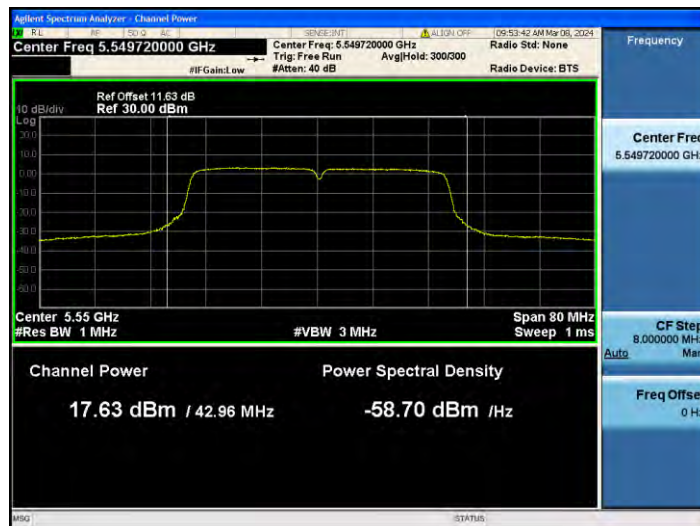
11N40SISO_Ant1_5310



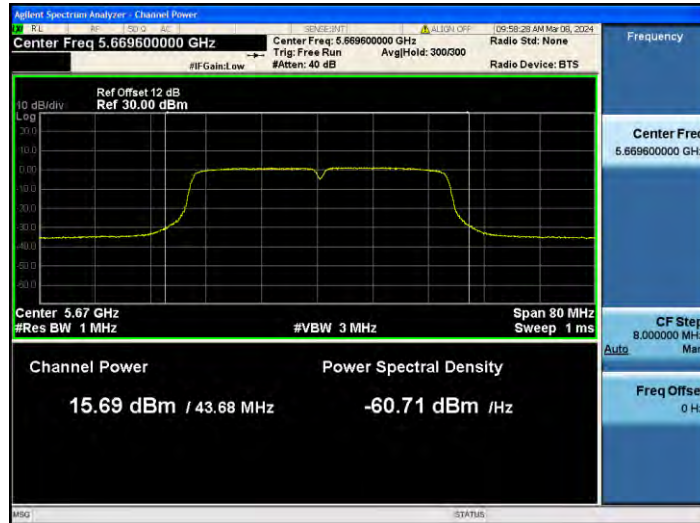
11N40SISO_Ant1_5510



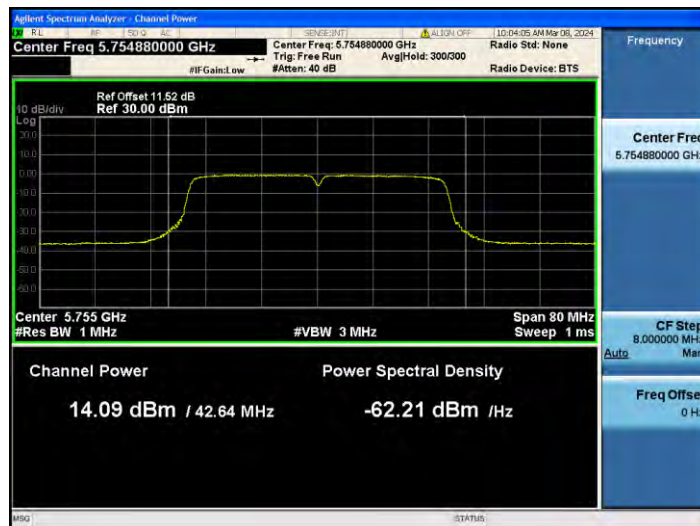
11N40SISO_Ant1_5550



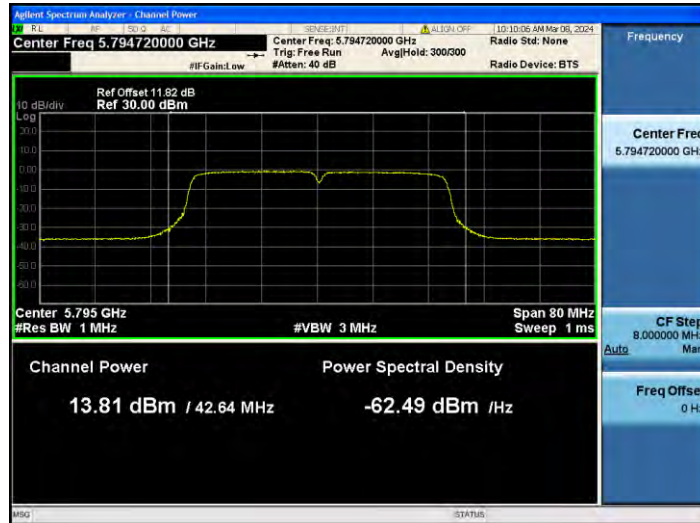
11N40SISO_Ant1_5670



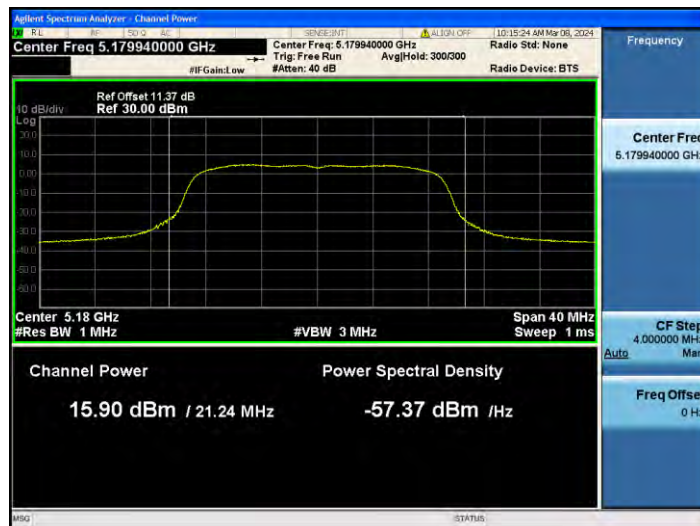
11N40SISO_Ant1_5755



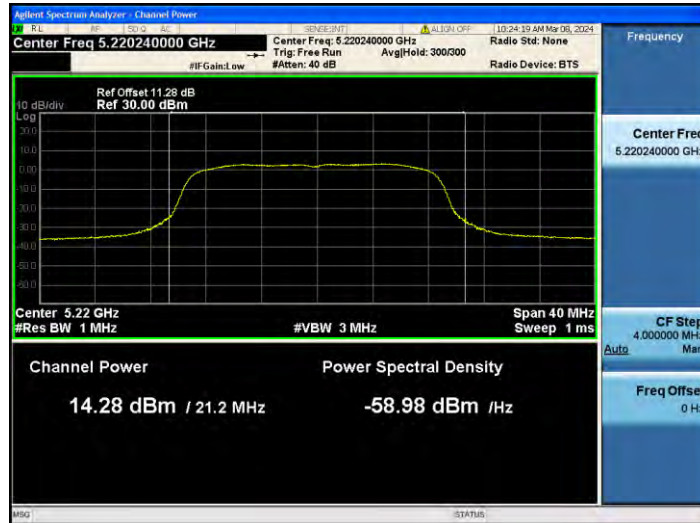
11N40SISO_Ant1_5795



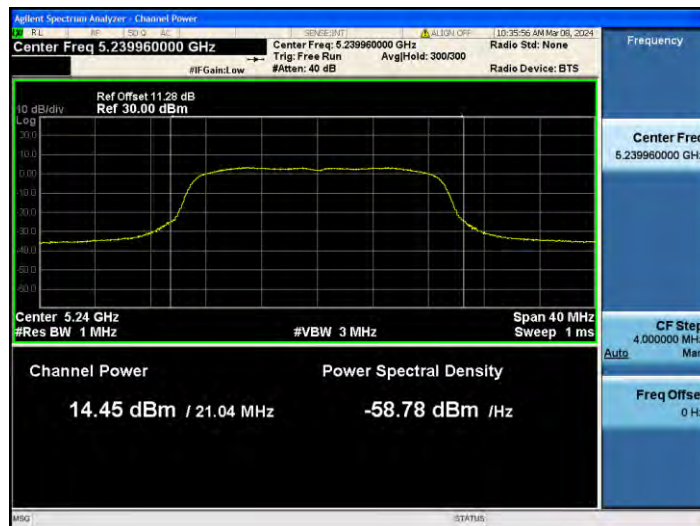
11AC20SISO_Ant1_5180



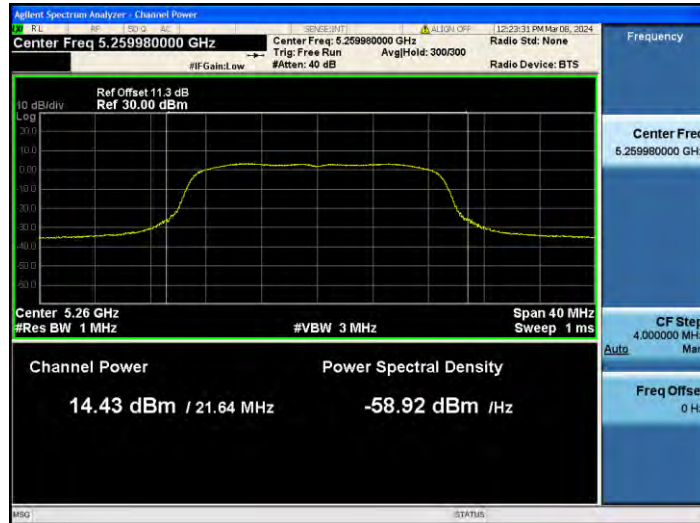
11AC20SISO_Ant1_5220



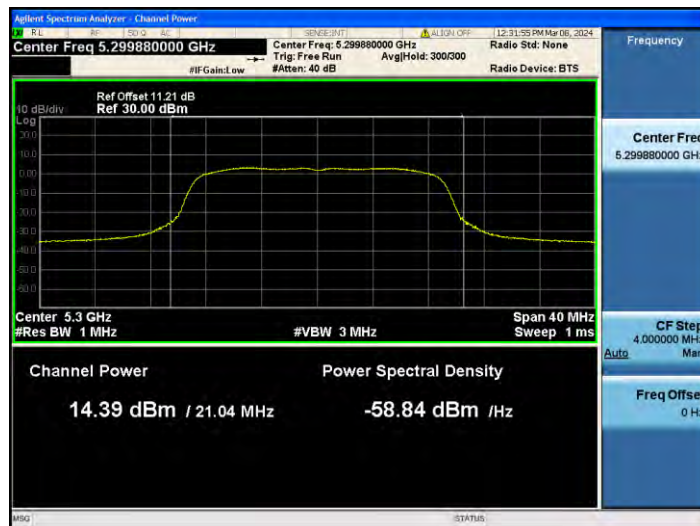
11AC20SISO_Ant1_5240



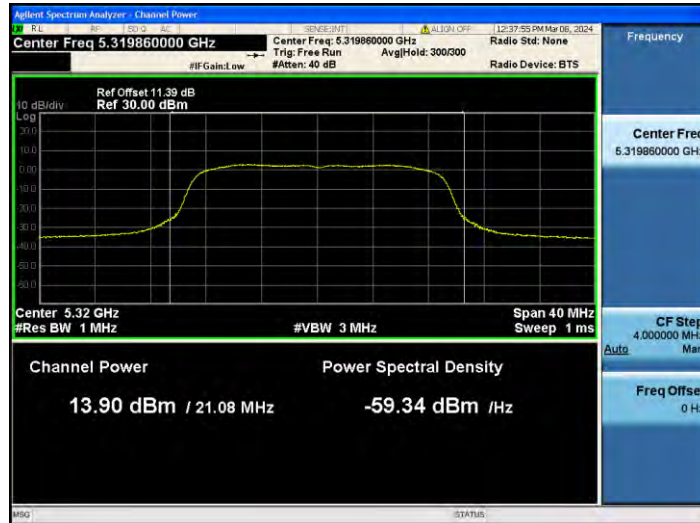
11AC20SISO_Ant1_5260



11AC20SISO_Ant1_5300



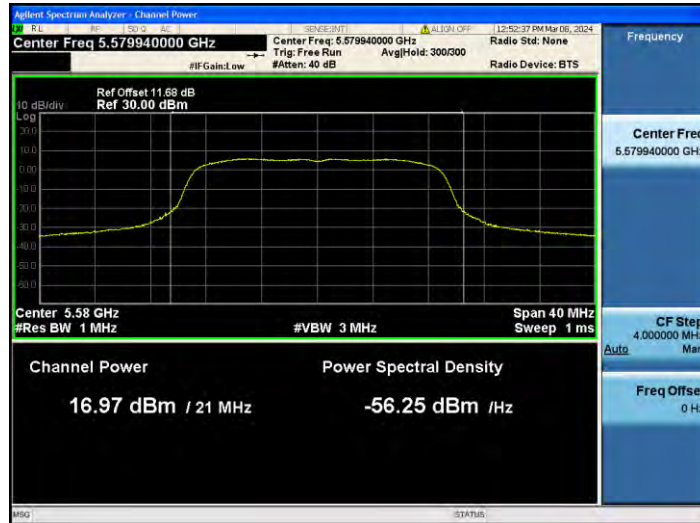
11AC20SISO_Ant1_5320



11AC20SISO_Ant1_5500



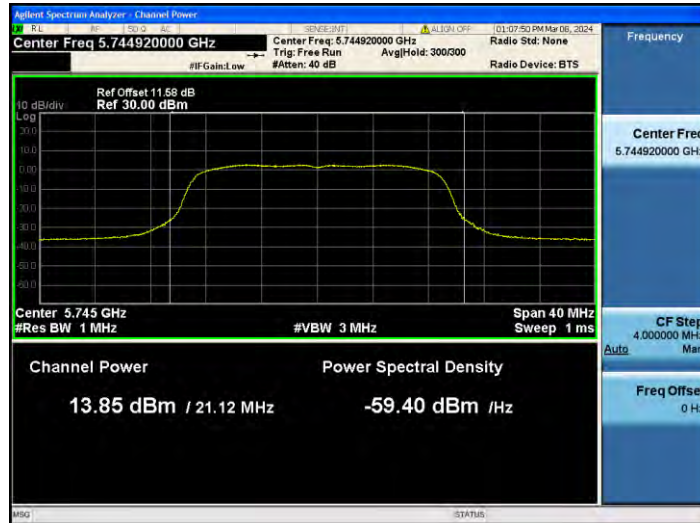
11AC20SISO_Ant1_5580



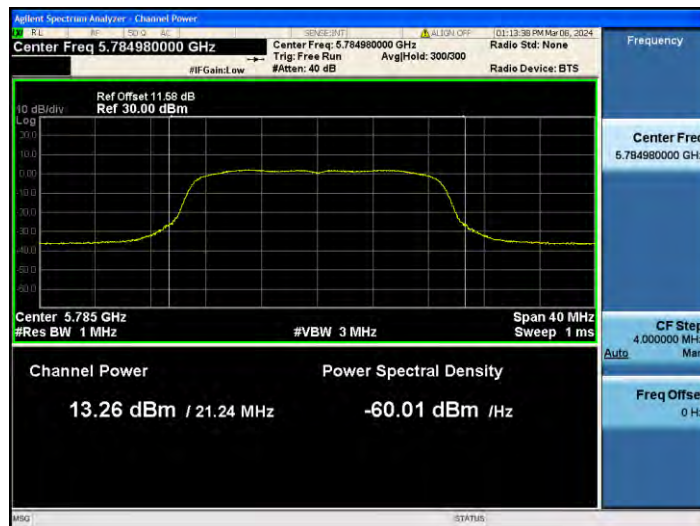
11AC20SISO_Ant1_5700



11AC20SISO_Ant1_5745



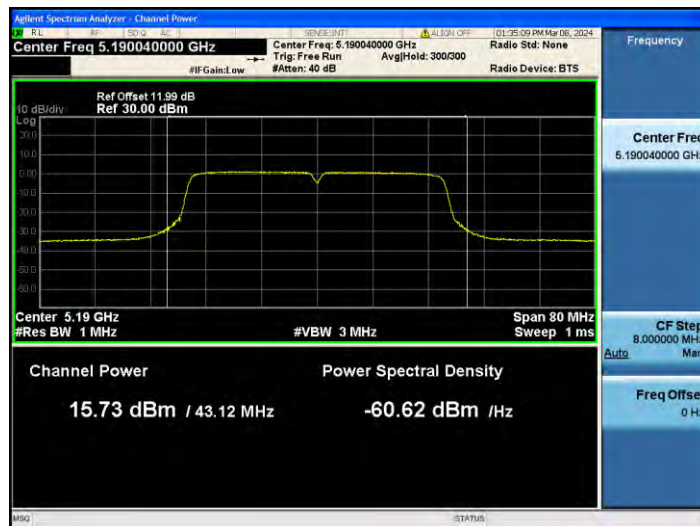
11AC20SISO_Ant1_5785



11AC20SISO_Ant1_5825



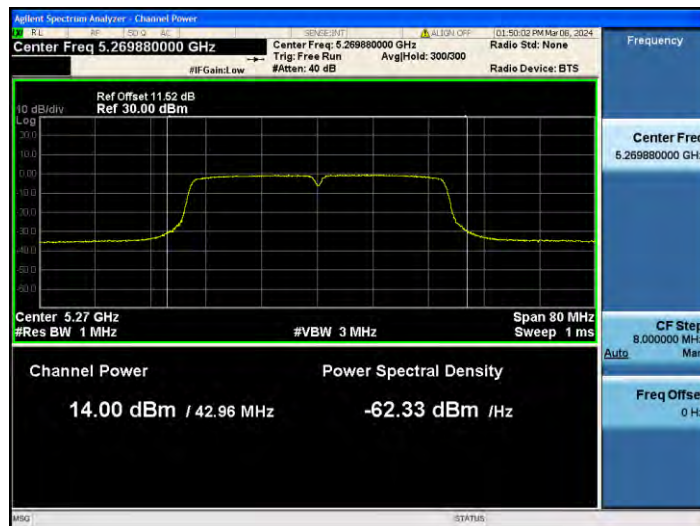
11AC40SISO_Ant1_5190



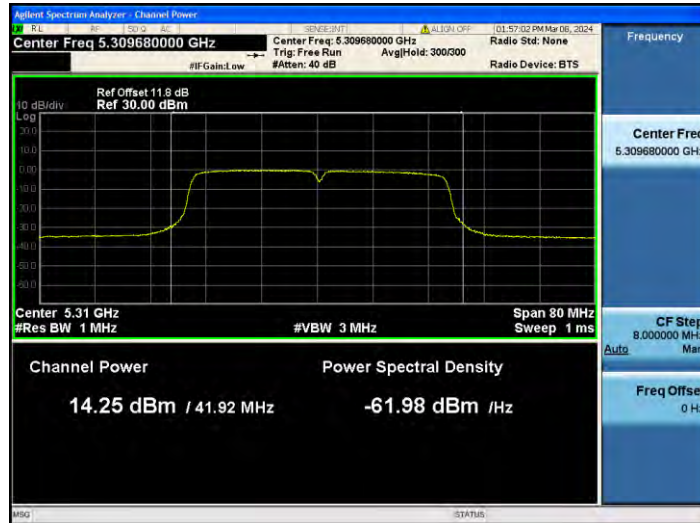
11AC40SISO_Ant1_5230



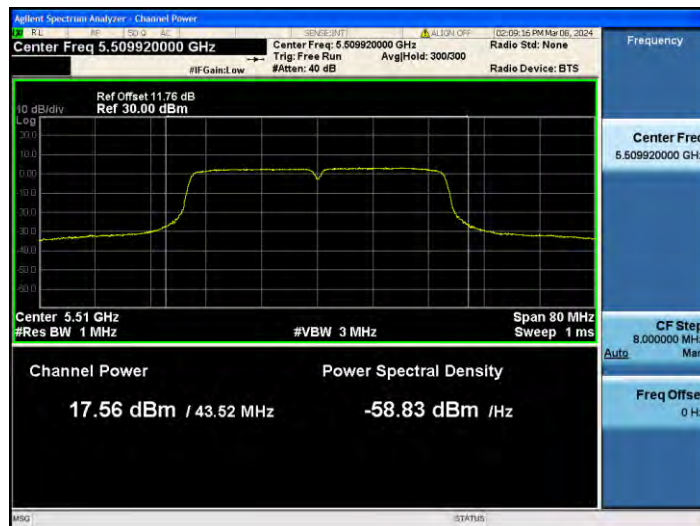
11AC40SISO_Ant1_5270



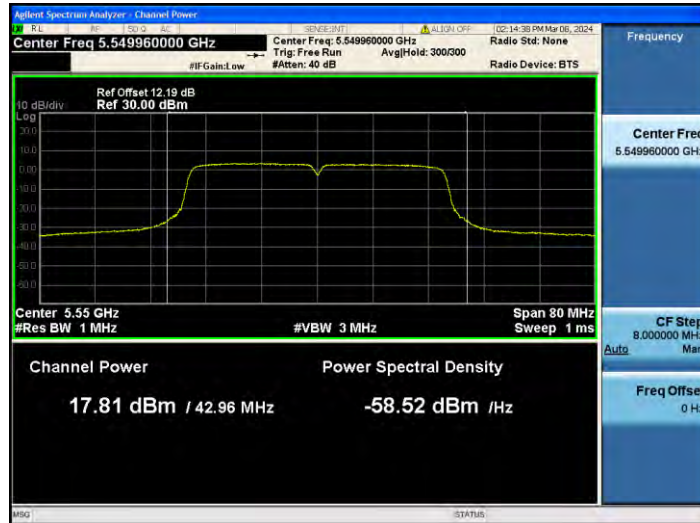
11AC40SISO_Ant1_5310



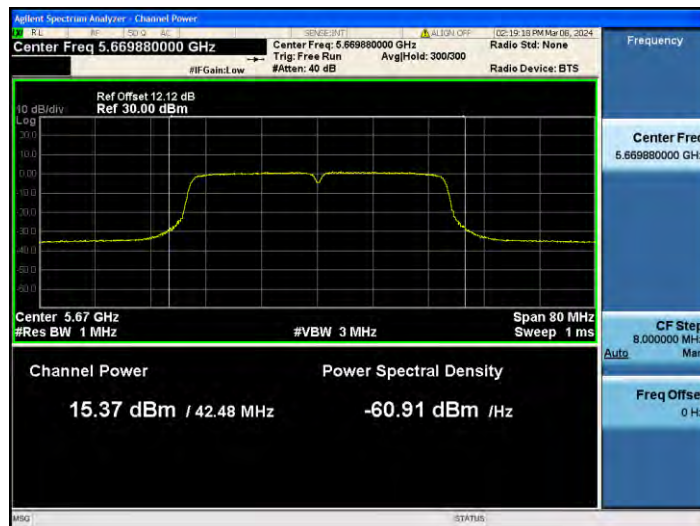
11AC40SISO_Ant1_5510



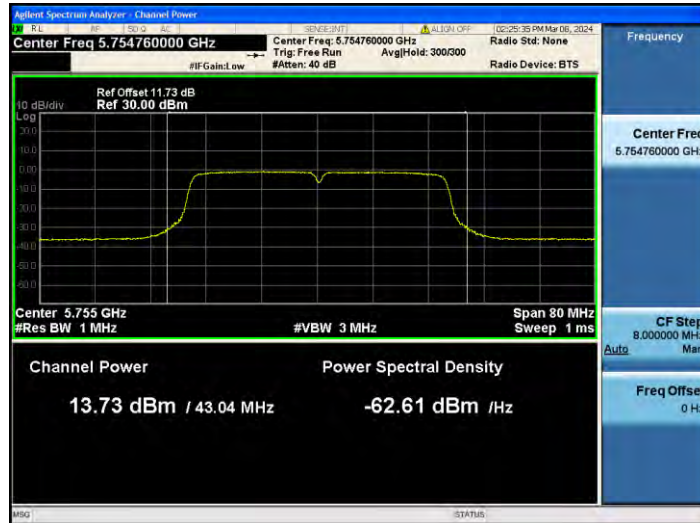
11AC40SISO_Ant1_5550



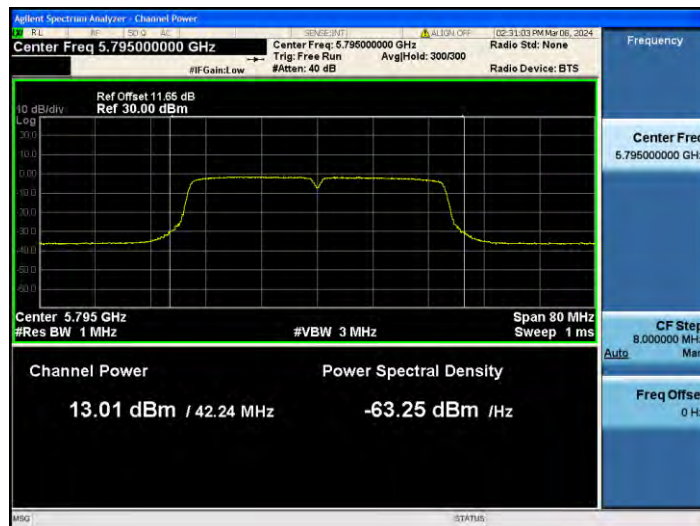
11AC40SISO_Ant1_5670



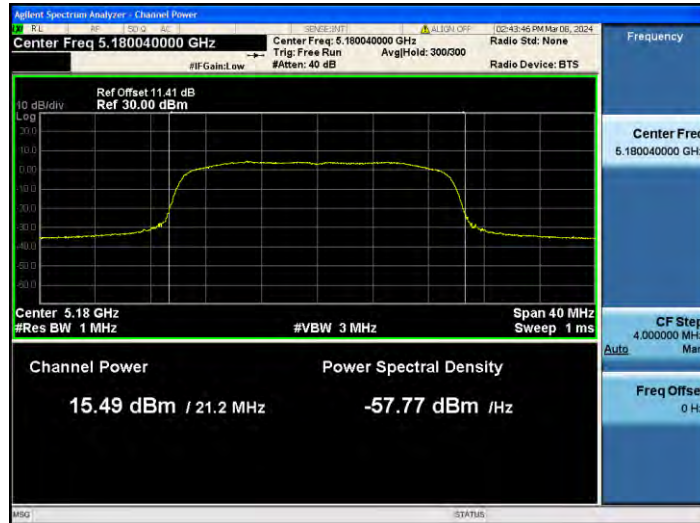
11AC40SISO_Ant1_5755



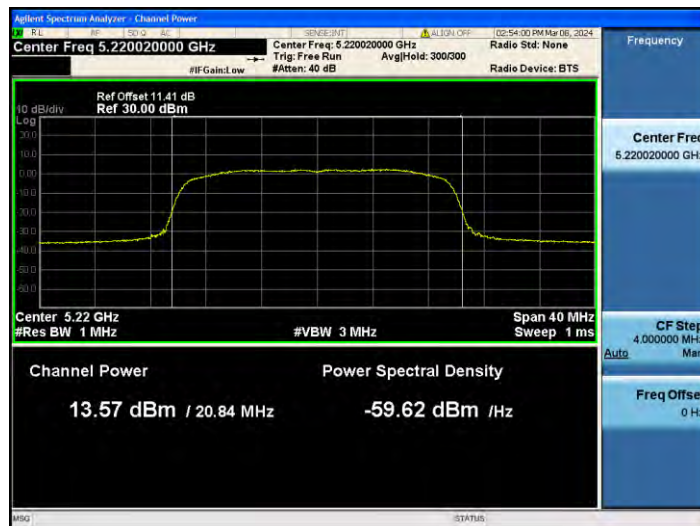
11AC40SISO_Ant1_5795



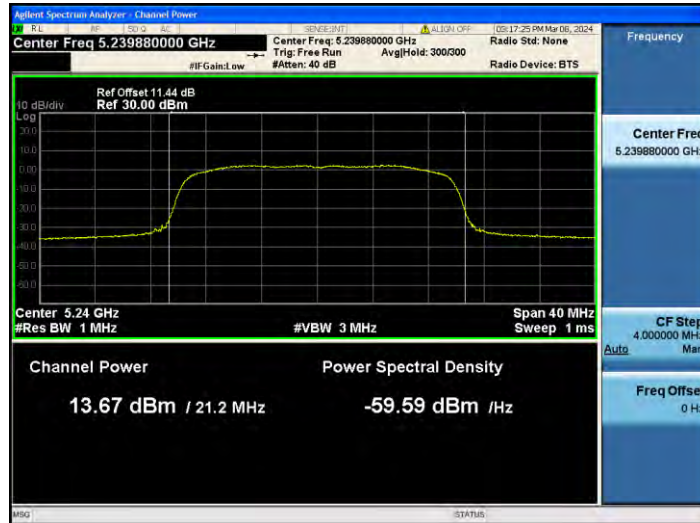
11AX20SISO_Ant1_5180



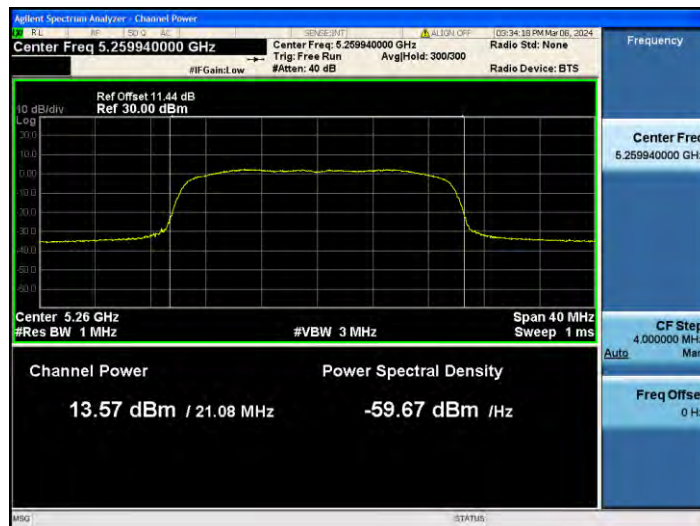
11AX20SISO_Ant1_5220



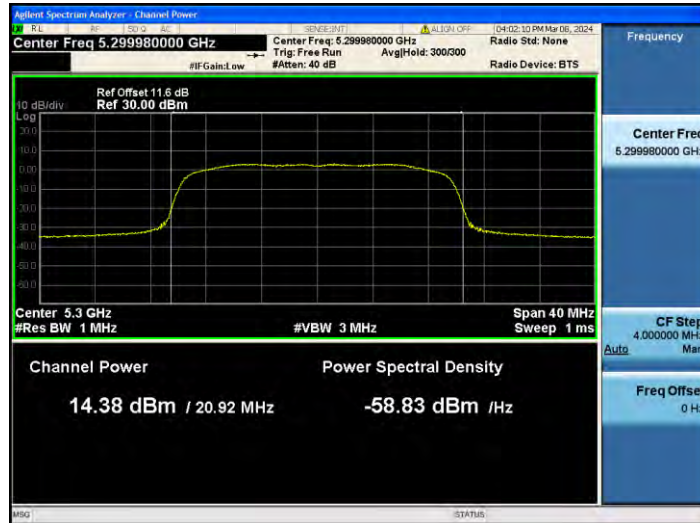
11AX20SISO_Ant1_5240



11AX20SISO_Ant1_5260



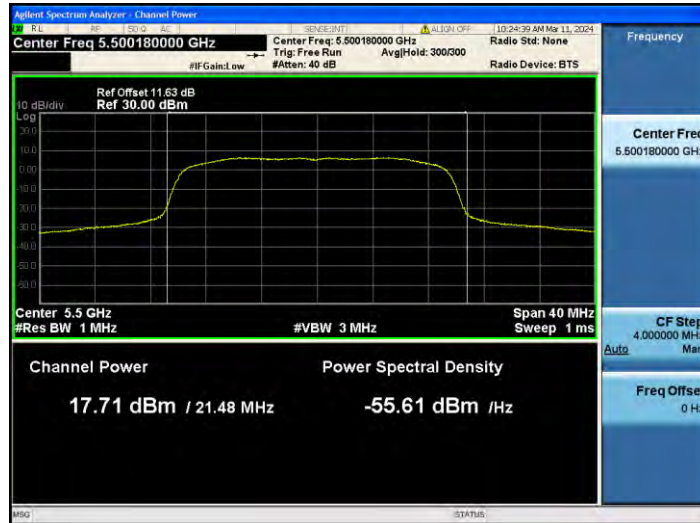
11AX20SISO_Ant1_5300



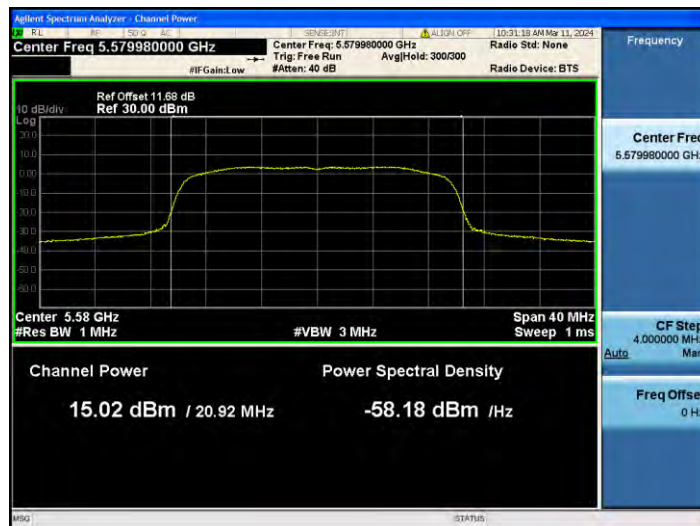
11AX20SISO_Ant1_5320



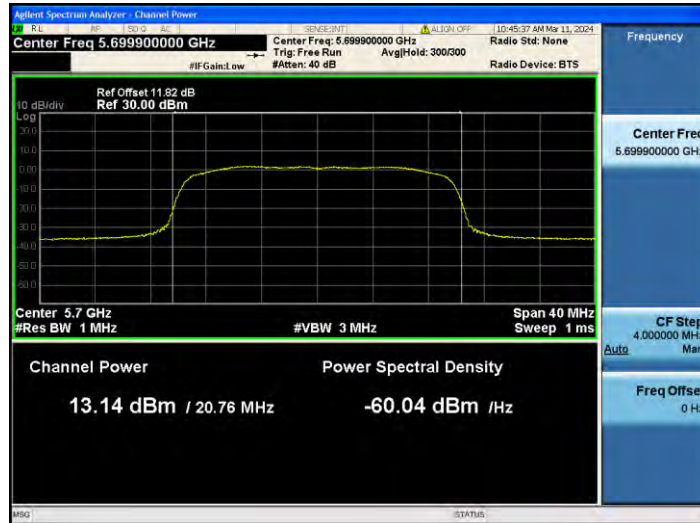
11AX20SISO_Ant1_5500



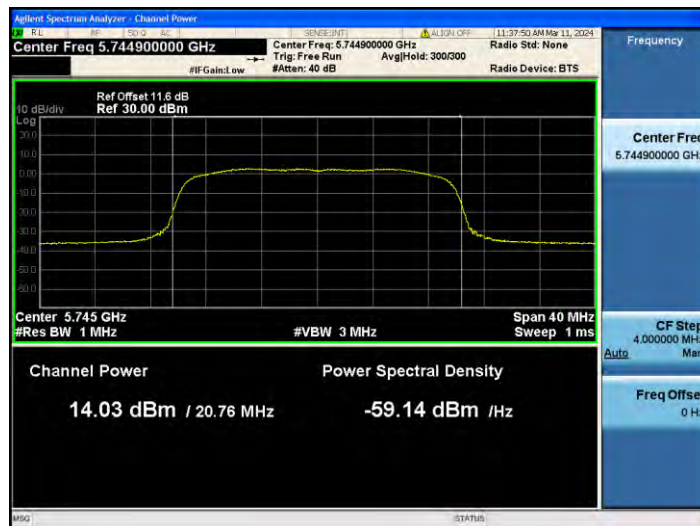
11AX20SISO_Ant1_5580



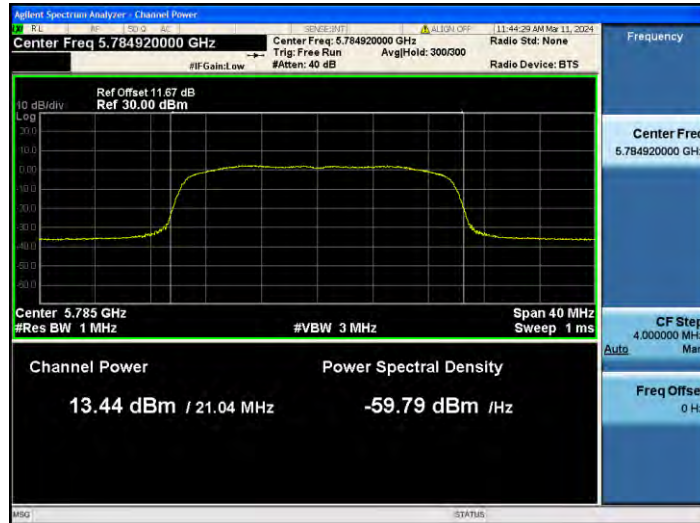
11AX20SISO_Ant1_5700



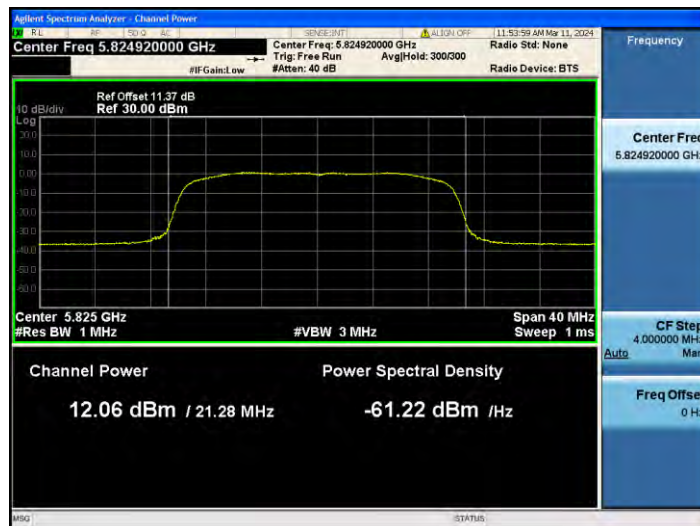
11AX20SISO_Ant1_5745



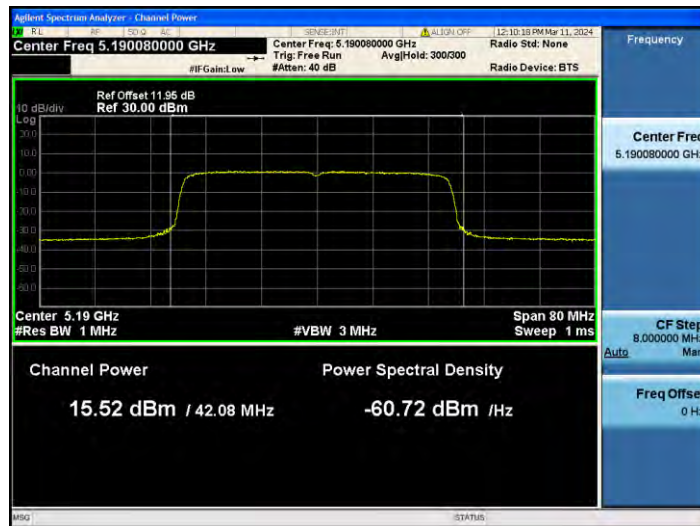
11AX20SISO_Ant1_5785



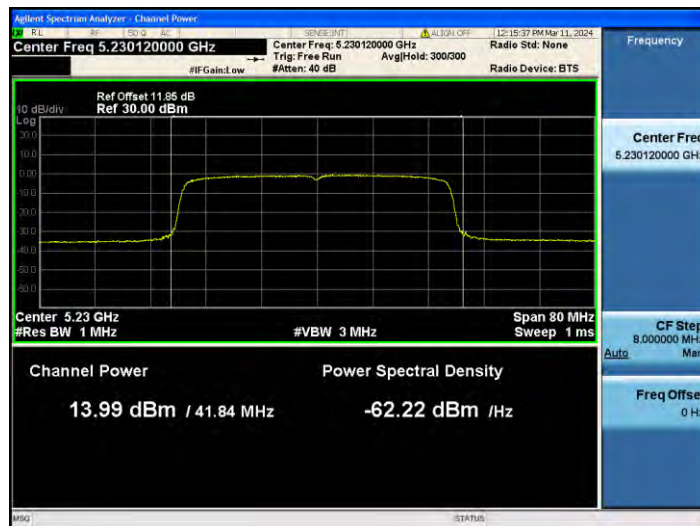
11AX20SISO_Ant1_5825



11AX40SISO_Ant1_5190



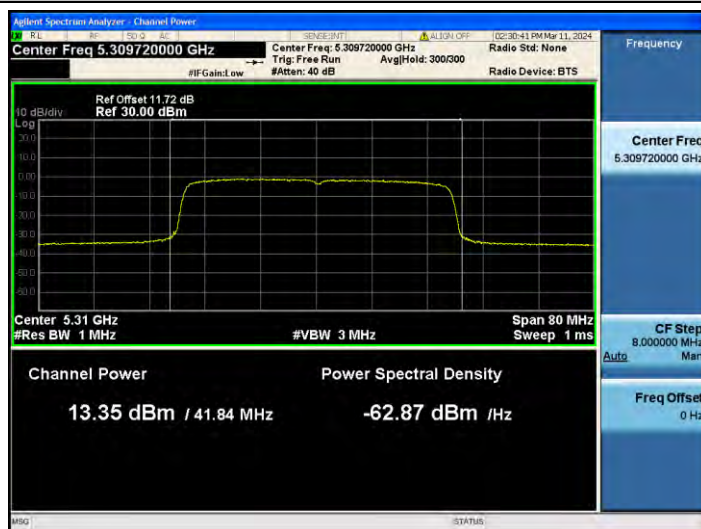
11AX40SISO_Ant1_5230



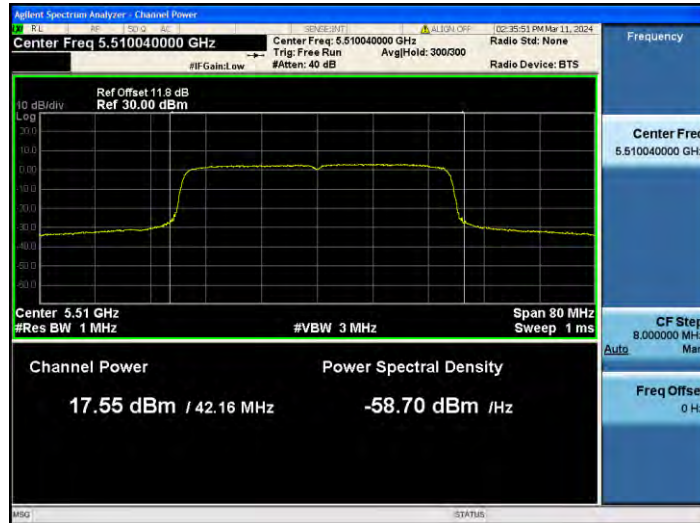
11AX40SISO_Ant1_5270



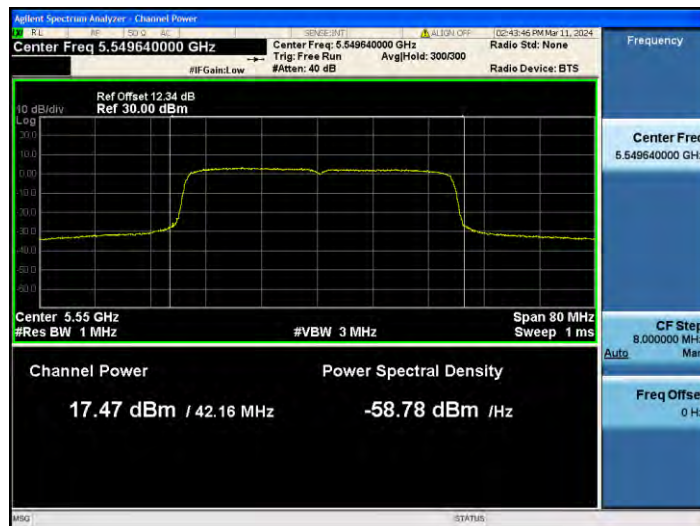
11AX40SISO_Ant1_5310



11AX40SISO_Ant1_5510



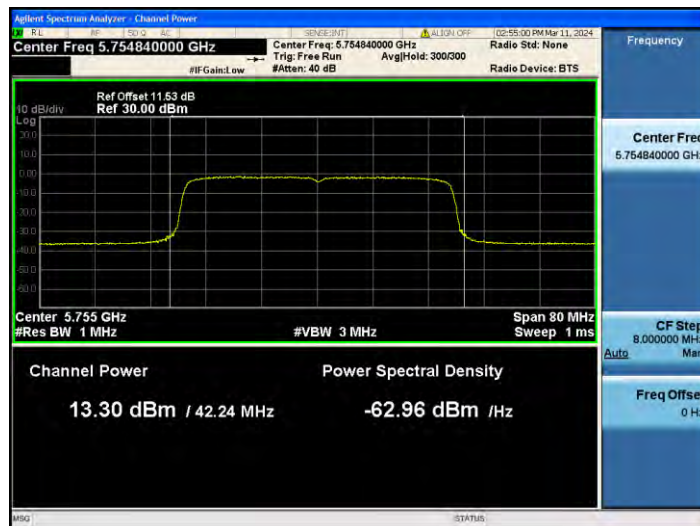
11AX40SISO_Ant1_5550



11AX40SISO_Ant1_5670



11AX40SISO_Ant1_5755



11AX40SISO_Ant1_5795





Appendix C: Maximum power spectral density

Test Result

Test Mode	Antenna	Channel	Level [dBm/MHz]	10Log(1/X) Factor [dB]	PSD [dBm/MHz]	Limit [dBm/MHz]	Verdict
11A	Ant1	5180	3.29	0.27	3.56	≤11.00	PASS
		5220	2.83	0.17	3	≤11.00	PASS
		5240	2.89	0.25	3.14	≤11.00	PASS
		5260	3.02	0.29	3.31	≤11.00	PASS
		5300	3.58	0.33	3.91	≤11.00	PASS
		5320	2.83	0.37	3.2	≤11.00	PASS
		5500	6.11	0.37	6.48	≤11.00	PASS
		5580	5.55	0.45	6	≤11.00	PASS
		5700	3.76	0.33	4.09	≤11.00	PASS
		5745	-2.18	0.27	0.31	≤30.00	PASS
		5785	-3.00	0.29	-0.49	≤30.00	PASS
		5825	-4.14	0.41	-1.51	≤30.00	PASS
11N20SISO	Ant1	5180	2.35	0.25	2.6	≤11.00	PASS
		5220	1.85	0.24	2.09	≤11.00	PASS
		5240	2.21	0.11	2.32	≤11.00	PASS
		5260	2.12	0.37	2.49	≤11.00	PASS
		5300	2.46	0.48	2.94	≤11.00	PASS
		5320	1.95	1.40	3.35	≤11.00	PASS
		5500	5.56	0.16	5.72	≤11.00	PASS
		5580	5.12	0.37	5.49	≤11.00	PASS
		5700	3.36	0.33	3.69	≤11.00	PASS
		5745	-2.44	0.24	0.02	≤30.00	PASS
		5785	-2.92	0.35	-0.35	≤30.00	PASS
		5825	-3.90	0.29	-1.39	≤30.00	PASS
11N40SISO	Ant1	5190	0.20	0.61	0.81	≤11.00	PASS
		5230	-1.30	0.18	-1.12	≤11.00	PASS
		5270	-0.19	0.52	0.33	≤11.00	PASS
		5310	-0.12	0.68	0.56	≤11.00	PASS
		5510	3.11	0.56	3.67	≤11.00	PASS
		5550	3.20	0.32	3.52	≤11.00	PASS
		5670	1.30	0.53	1.83	≤11.00	PASS
		5755	-5.42	0.27	-2.93	≤30.00	PASS
		5795	-6.30	0.57	-3.51	≤30.00	PASS



11AC20SISO	Ant1	5180	5.02	0.22	5.24	≤11.00	PASS
		5220	3.40	0.13	3.53	≤11.00	PASS
		5240	3.31	0.16	3.47	≤11.00	PASS
		5260	3.53	0.18	3.71	≤11.00	PASS
		5300	3.50	0.09	3.59	≤11.00	PASS
		5320	3.33	0.27	3.6	≤11.00	PASS
		5500	6.18	0.24	6.42	≤11.00	PASS
		5580	5.71	0.37	6.08	≤11.00	PASS
		5700	3.88	0.39	4.27	≤11.00	PASS
		5745	-2.19	0.33	0.36	≤30.00	PASS
		5785	-2.95	0.33	-0.4	≤30.00	PASS
		5825	-3.73	0.24	-1.27	≤30.00	PASS
11AC40SISO	Ant1	5190	1.02	0.84	1.86	≤11.00	PASS
		5230	-0.93	0.65	-0.28	≤11.00	PASS
		5270	-0.43	0.40	-0.03	≤11.00	PASS
		5310	-0.26	0.68	0.42	≤11.00	PASS
		5510	2.83	0.61	3.44	≤11.00	PASS
		5550	3.00	0.88	3.88	≤11.00	PASS
		5670	0.72	0.65	1.37	≤11.00	PASS
		5755	-6.15	0.48	-3.45	≤30.00	PASS
		5795	-6.48	0.40	-3.86	≤30.00	PASS
11AX20SISO	Ant1	5180	4.58	0.26	4.84	≤11.00	PASS
		5220	2.16	0.26	2.42	≤11.00	PASS
		5240	2.84	0.32	3.16	≤11.00	PASS
		5260	2.61	0.32	2.93	≤11.00	PASS
		5300	3.05	0.48	3.53	≤11.00	PASS
		5320	2.51	0.45	2.96	≤11.00	PASS
		5500	6.39	0.48	6.87	≤11.00	PASS
		5580	3.77	0.37	4.14	≤11.00	PASS
		5700	1.64	0.35	1.99	≤11.00	PASS
		5745	-2.39	0.35	0.18	≤30.00	PASS
		5785	-2.87	0.42	-0.23	≤30.00	PASS
		5825	-4.25	0.12	-1.91	≤30.00	PASS
11AX40SISO	Ant1	5190	0.53	0.80	1.33	≤11.00	PASS
		5230	-0.85	0.70	-0.15	≤11.00	PASS
		5270	-0.52	1.22	0.7	≤11.00	PASS
		5310	-1.16	0.60	-0.56	≤11.00	PASS
		5510	2.57	0.65	3.22	≤11.00	PASS



		5550	2.36	1.03	3.39	≤11.00	PASS
		5670	0.54	0.28	0.82	≤11.00	PASS
		5755	-6.35	0.28	-3.85	≤30.00	PASS
		5795	-6.97	0.79	-3.96	≤30.00	PASS

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

2.The RBW Factor is compensated in the graph.

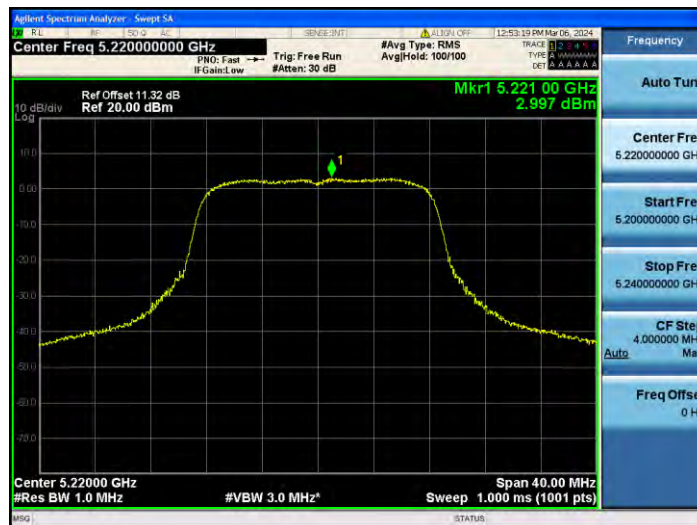


Test Graphs

11A_Ant1_5180



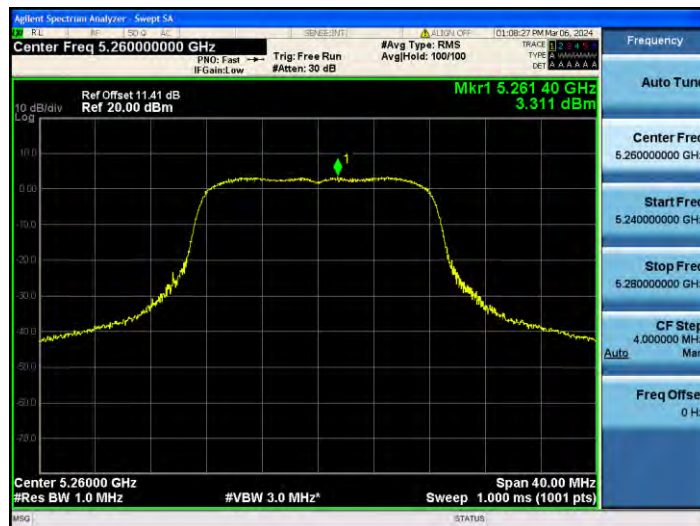
11A_Ant1_5220



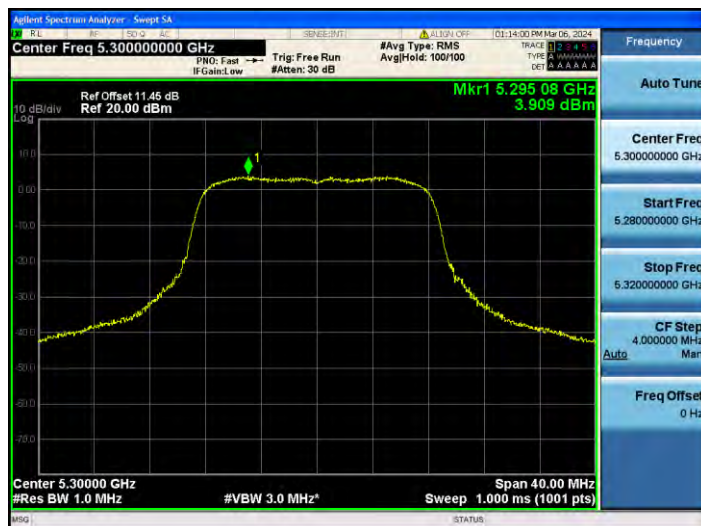
11A_Ant1_5240



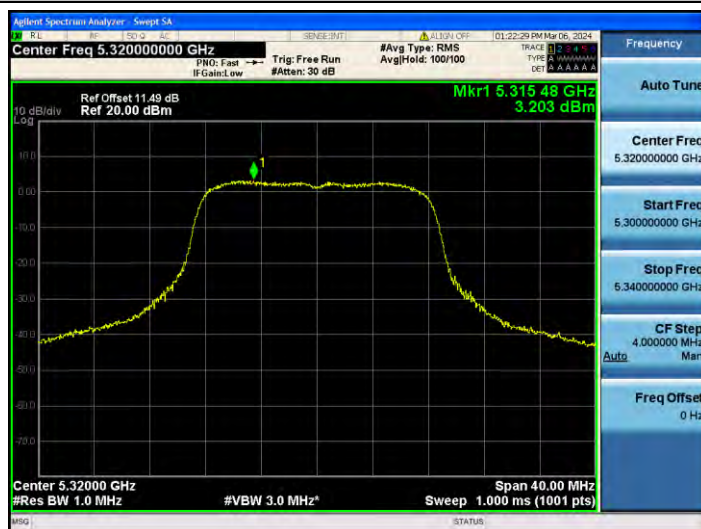
11A_Ant1_5260



11A_Ant1_5300



11A_Ant1_5320



11A_Ant1_5500



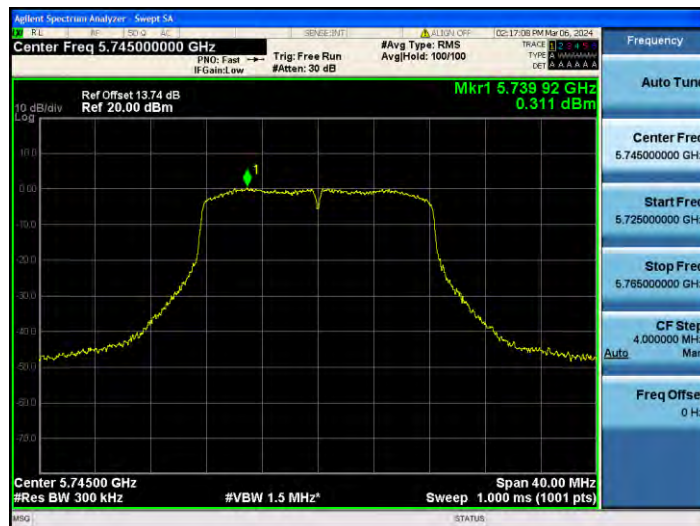
11A_Ant1_5580



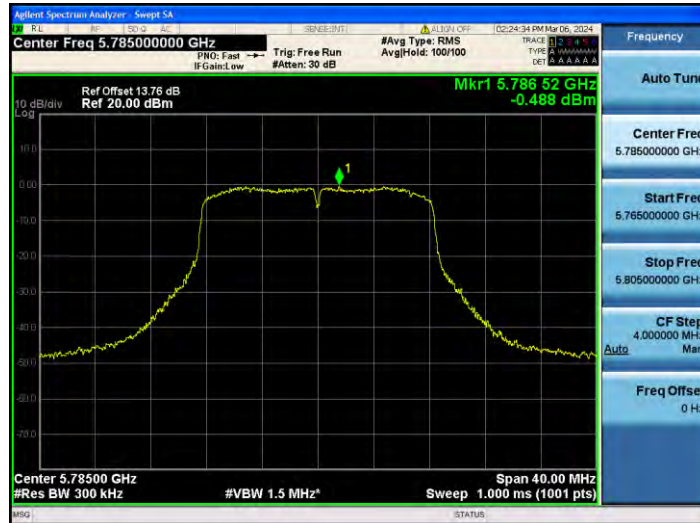
11A_Ant1_5700



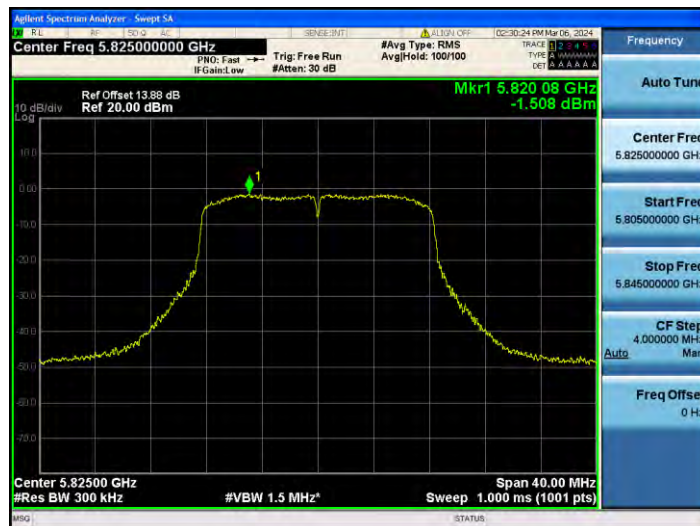
11A_Ant1_5745



11A_Ant1_5785



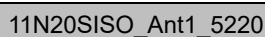
11A_Ant1_5825

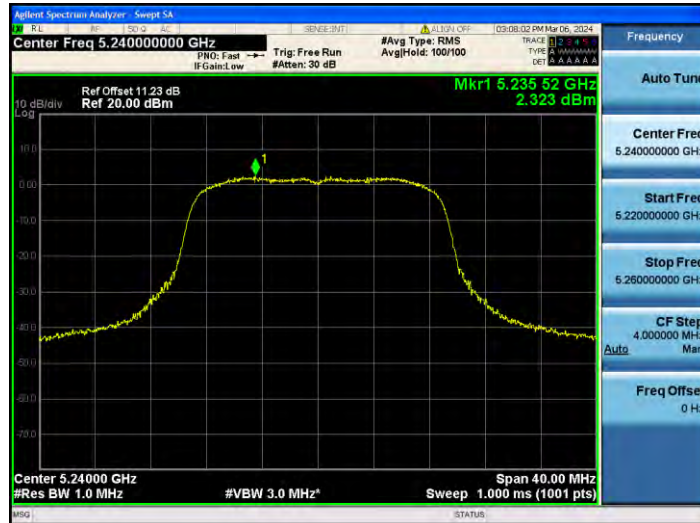


11N20SISO_Ant1_5180



Page: 143 of 242





11N20SISO_Ant1_5260



11N20SISO_Ant1_5300



SGS-CSTC Standards Technical Services (Shanghai) Co., Ltd.

Report No.: SHCR240100007004

Page: 145 of 242



11N20SISO_Ant1_5320



11N20SISO_Ant1_5500



11N20SISO_Ant1_5580



11N20SISO_Ant1_5700



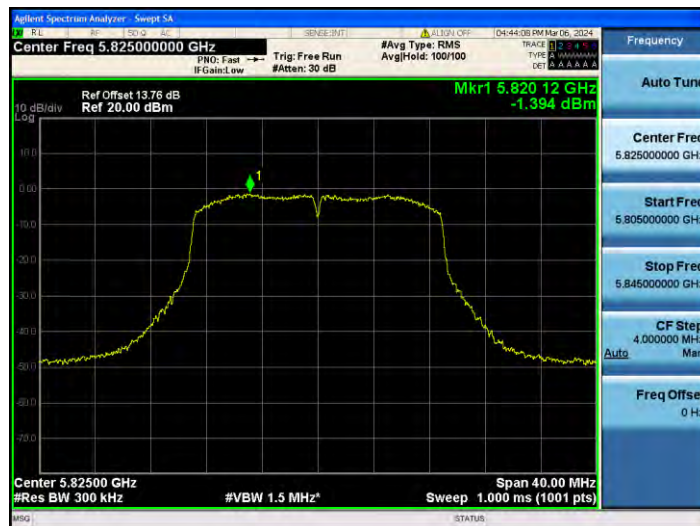
11N20SISO_Ant1_5745



11N20SISO_Ant1_5785



11N20SISO_Ant1_5825



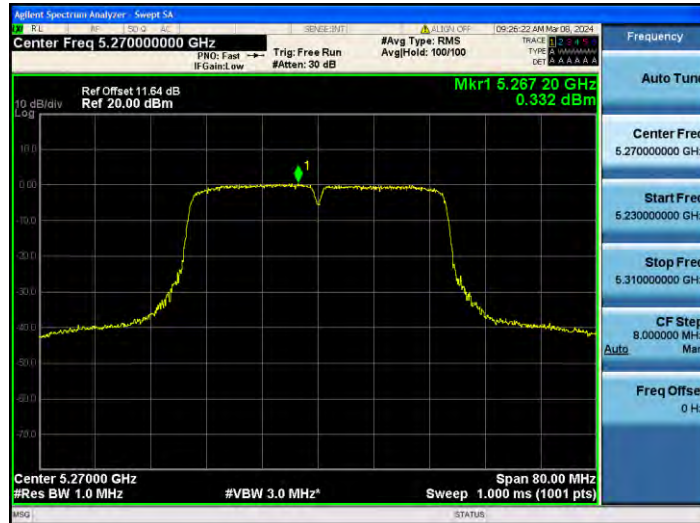
11N40SISO_Ant1_5190



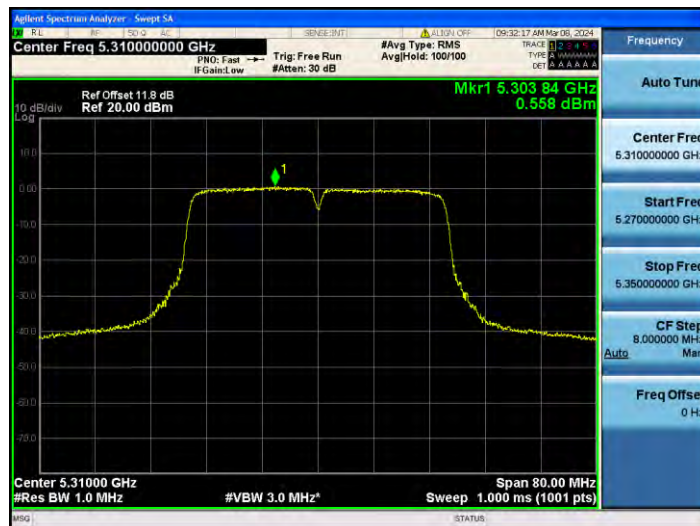
11N40SISO_Ant1_5230



11N40SISO_Ant1_5270



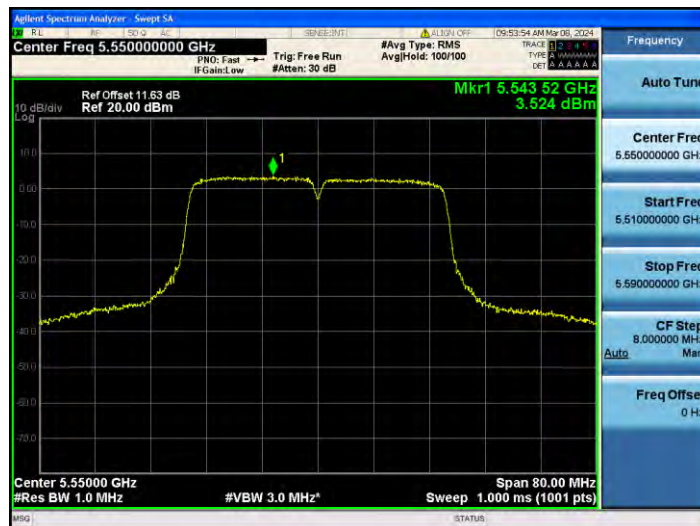
11N40SISO_Ant1_5310



11N40SISO_Ant1_5510



11N40SISO_Ant1_5550



11N40SISO_Ant1_5670



11N40SISO_Ant1_5755



11N40SISO_Ant1_5795



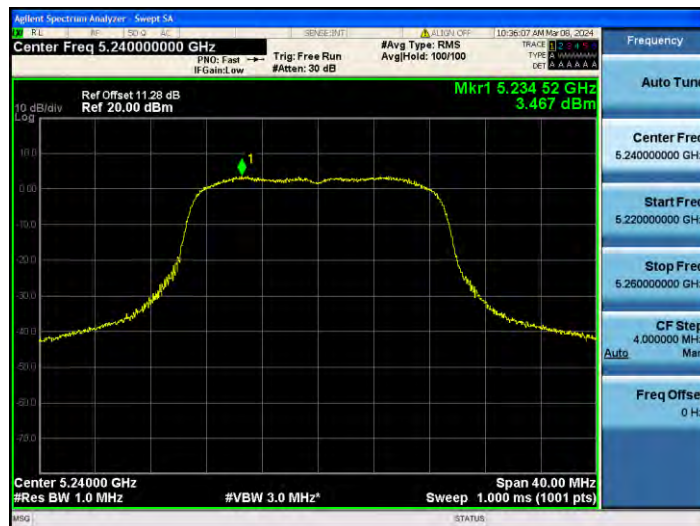
11AC20SISO_Ant1_5180



11AC20SISO_Ant1_5220



11AC20SISO_Ant1_5240



11AC20SISO_Ant1_5260



11AC20SISO_Ant1_5300



11AC20SISO_Ant1_5320



11AC20SISO_Ant1_5500



11AC20SISO_Ant1_5580



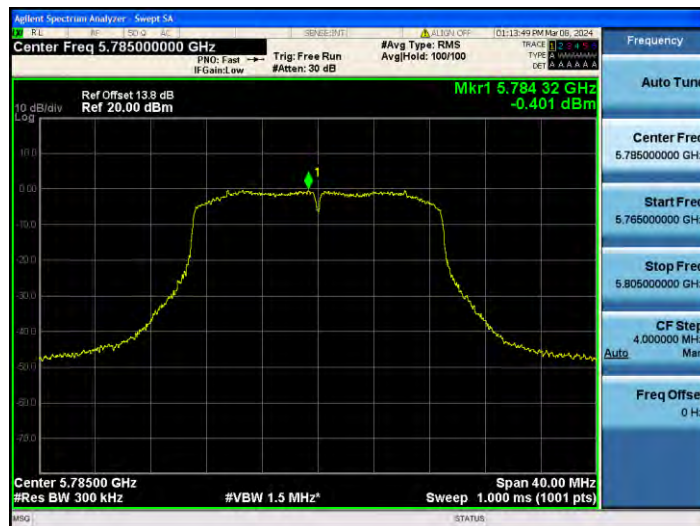
11AC20SISO_Ant1_5700



11AC20SISO_Ant1_5745



11AC20SISO_Ant1_5785



11AC20SISO_Ant1_5825



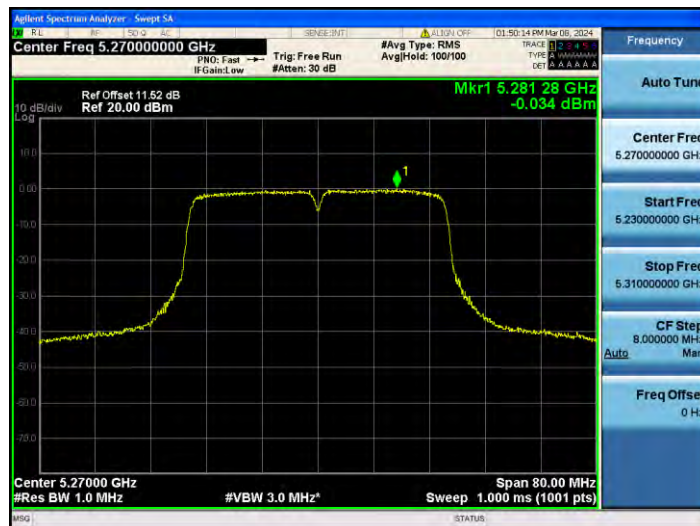
11AC40SISO_Ant1_5190



11AC40SISO_Ant1_5230



11AC40SISO_Ant1_5270



11AC40SISO_Ant1_5310



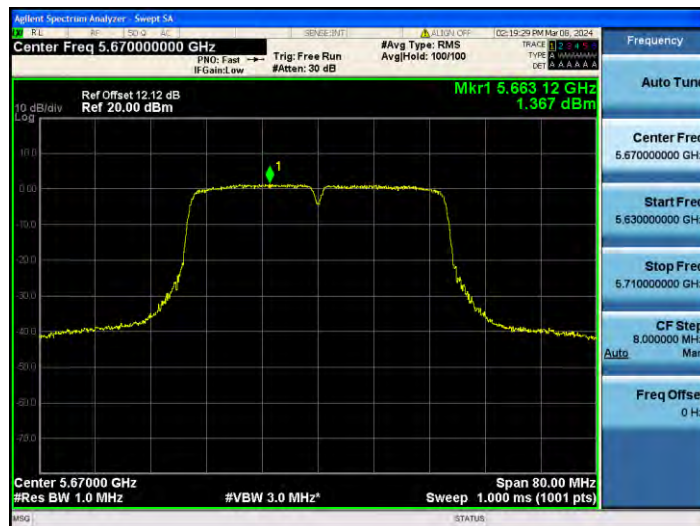
11AC40SISO_Ant1_5510



11AC40SISO_Ant1_5550



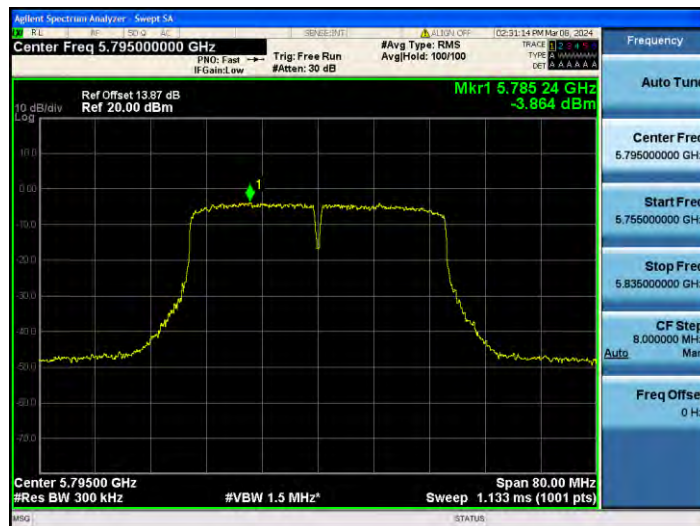
11AC40SISO_Ant1_5670



11AC40SISO_Ant1_5755



11AC40SISO_Ant1_5795



11AX20SISO_Ant1_5180



11AX20SISO_Ant1_5220



11AX20SISO_Ant1_5240



11AX20SISO_Ant1_5260



11AX20SISO_Ant1_5300



11AX20SISO_Ant1_5320



11AX20SISO_Ant1_5500



11AX20SISO_Ant1_5580



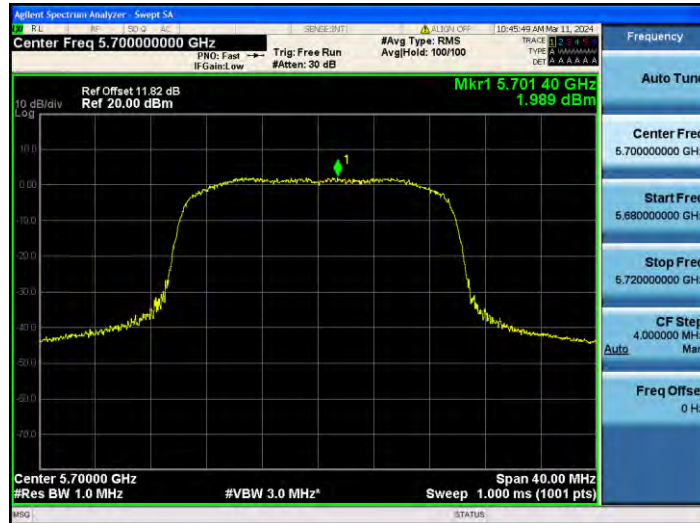
11AX20SISO_Ant1_5700



SGS-CSTC Standards Technical Services (Shanghai) Co., Ltd.

Report No.: SHCR240100007004

Page: 168 of 242



11AX20SISO_Ant1_5745



11AX20SISO_Ant1_5785



11AX20SISO_Ant1_5825



11AX40SISO_Ant1_5190



SGS-CSTC Standards Technical Services (Shanghai) Co., Ltd.

Report No.: SHCR240100007004

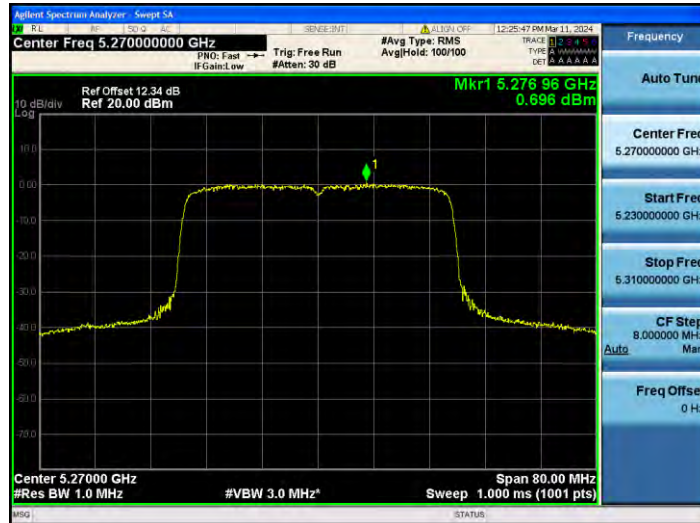
Page: 170 of 242



11AX40SISO_Ant1_5230



11AX40SISO_Ant1_5270



11AX40SISO_Ant1_5310



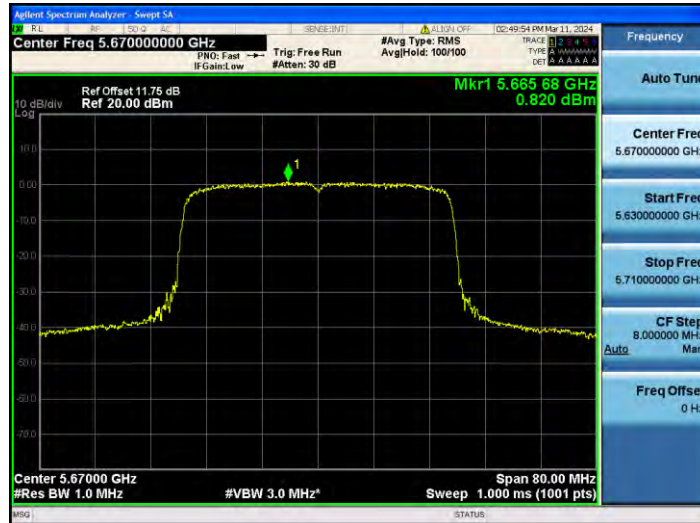
11AX40SISO_Ant1_5510



11AX40ISO_Ant1_5550



11AX40ISO_Ant1_5670



11AX40SISO_Ant1_5755



11AX40SISO_Ant1_5795

