

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

SHEM-TRF-001 Rev. 02 Sep01, 2023

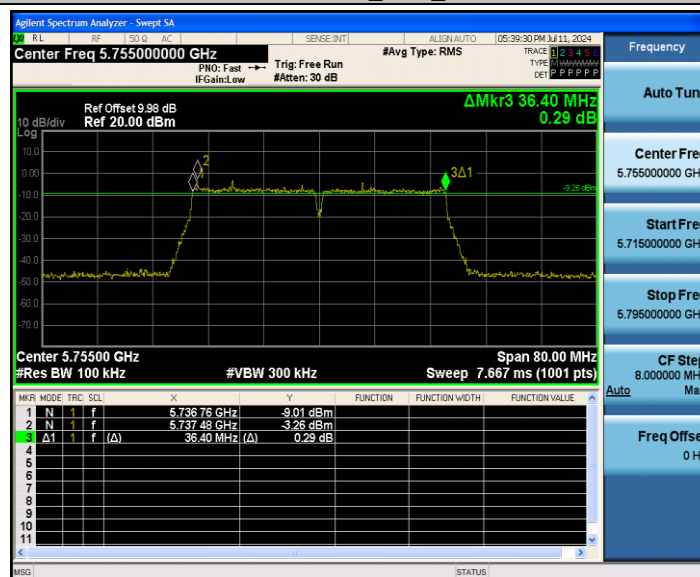
Report No.: SHCR240700132804

Page: 186 of 255

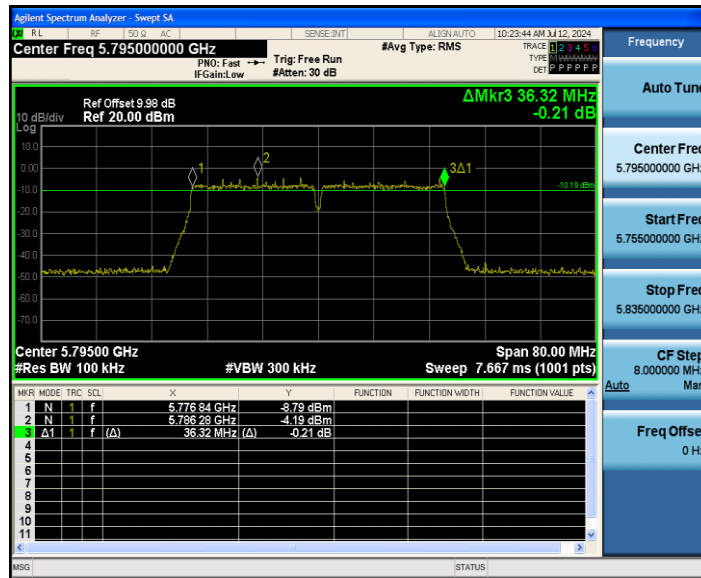
11AC20SISO_Ant1_5825



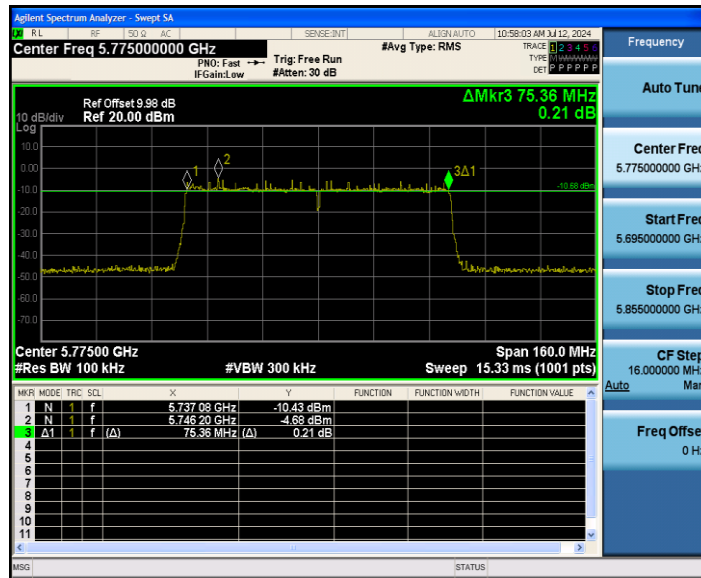
11AC40SISO_Ant1_5755



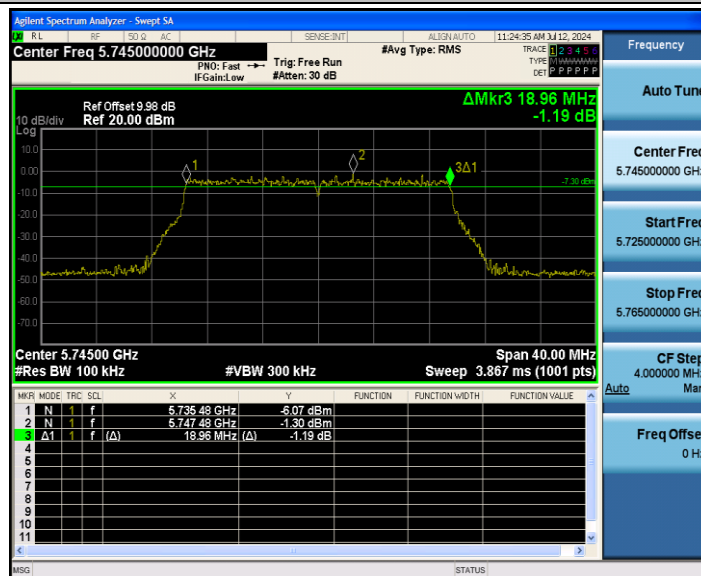
11AC40SISO_Ant1_5795



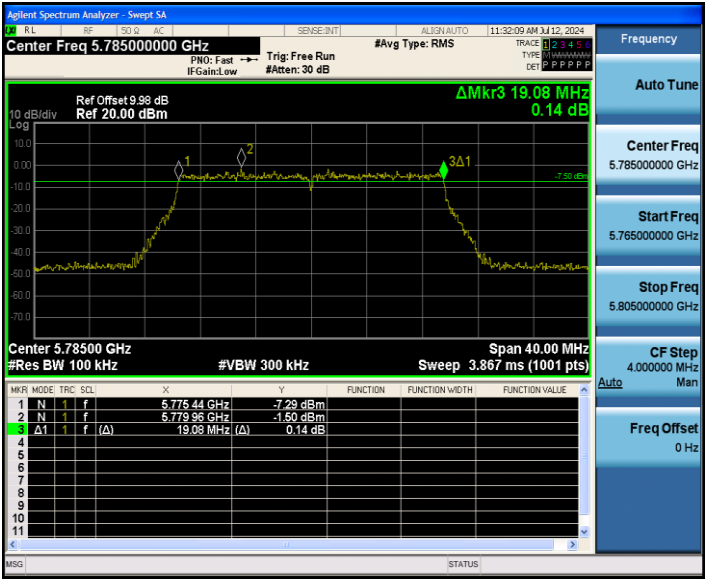
11AC80SISO_Ant1_5775



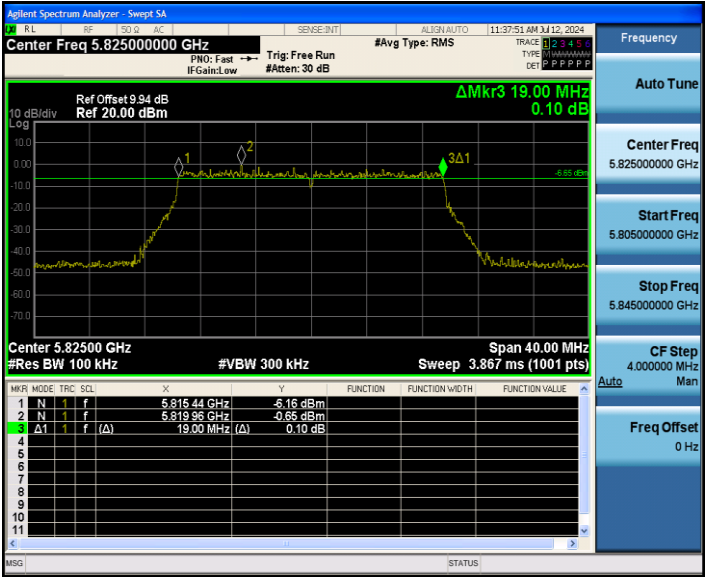
11AX20SISO_Ant1_5745



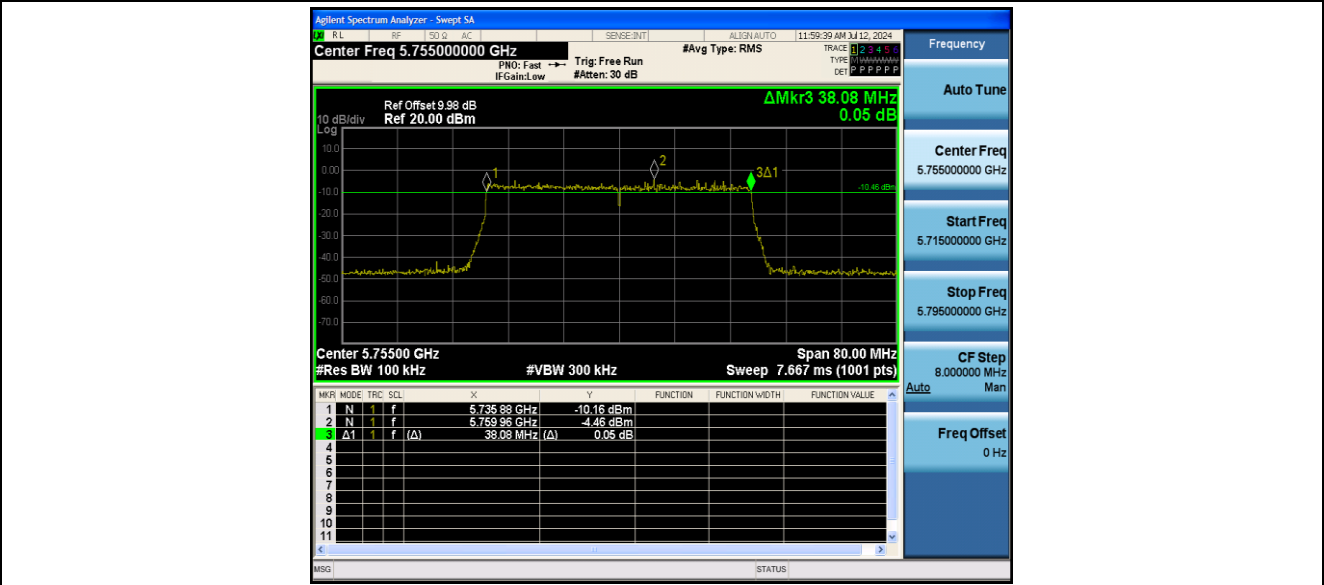
11AX20SISO_Ant1_5785



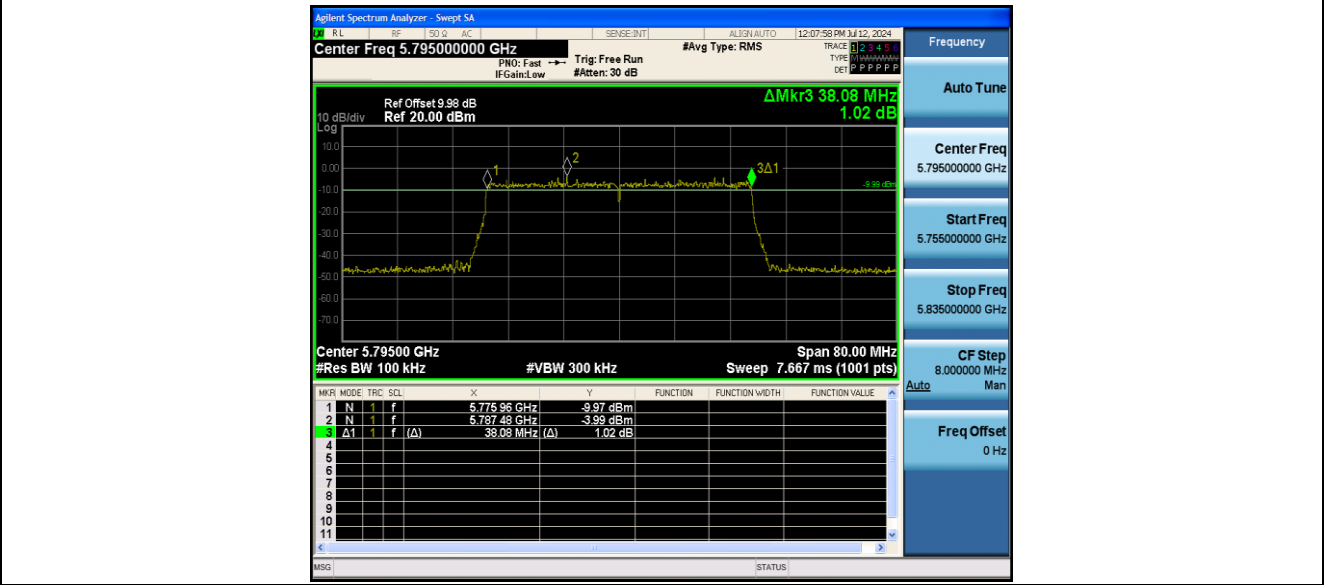
11AX20SISO_Ant1_5825



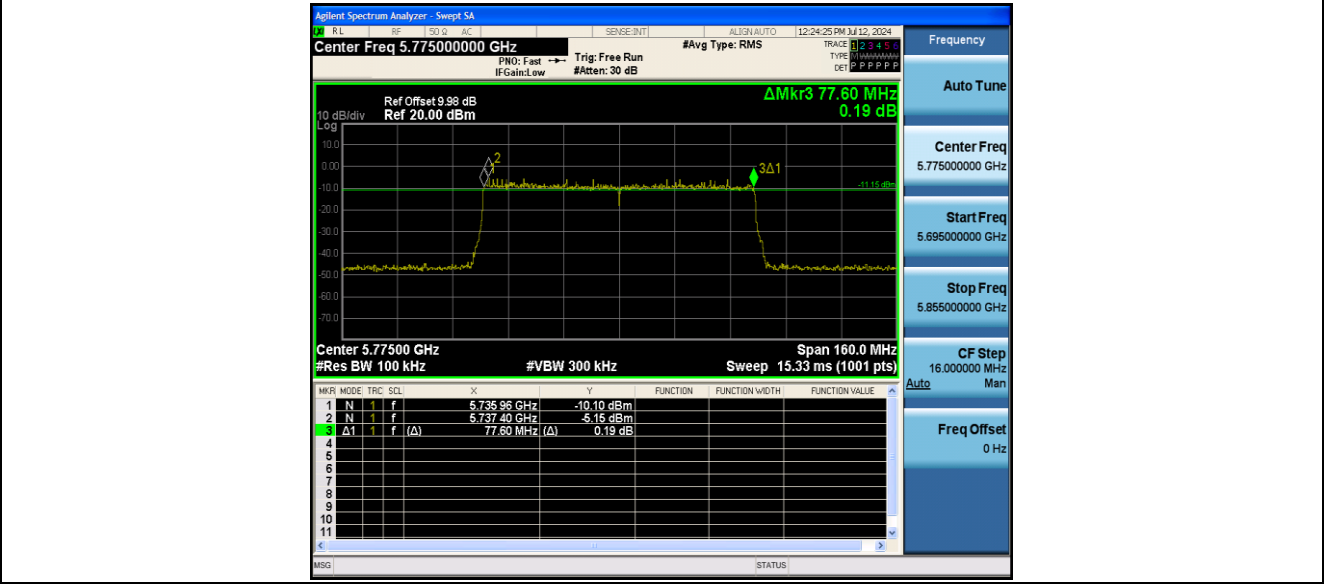
11AX40SISO_Ant1_5755



11AX40SISO_Ant1_5795



11AX80SISO_Ant1_5775





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

SHEM-TRF-001 Rev. 02 Sep01, 2023

Report No.: SHCR240700132804

Page: 190 of 255

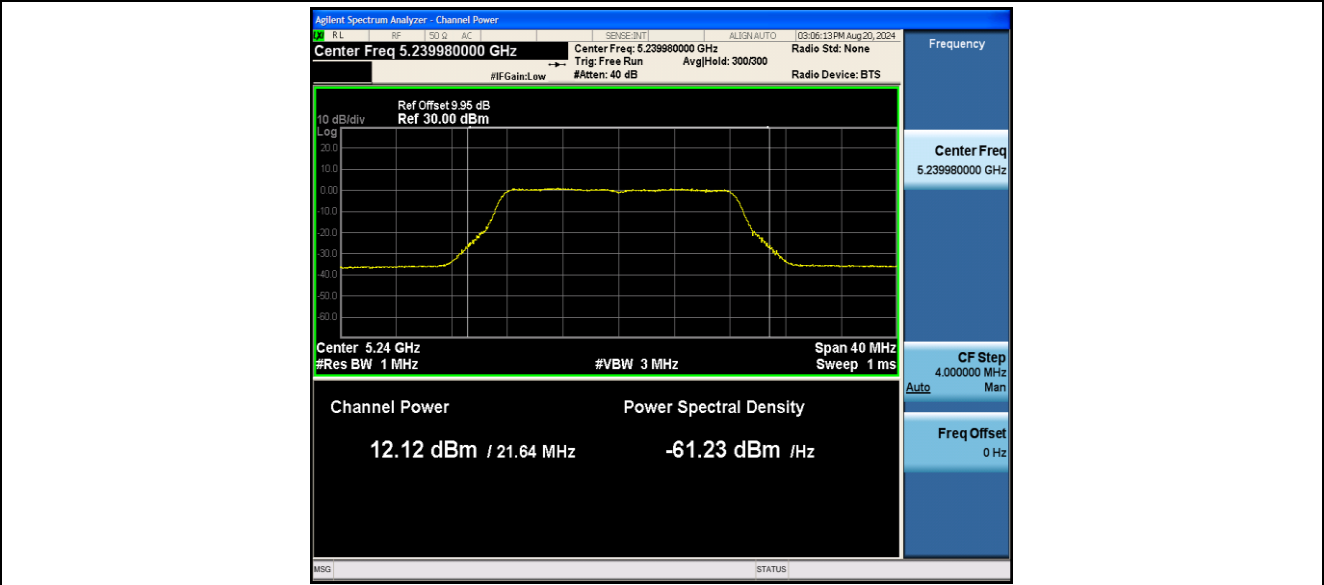
10.4 Appendix B: Maximum conducted output power

10.4.1 Test Result

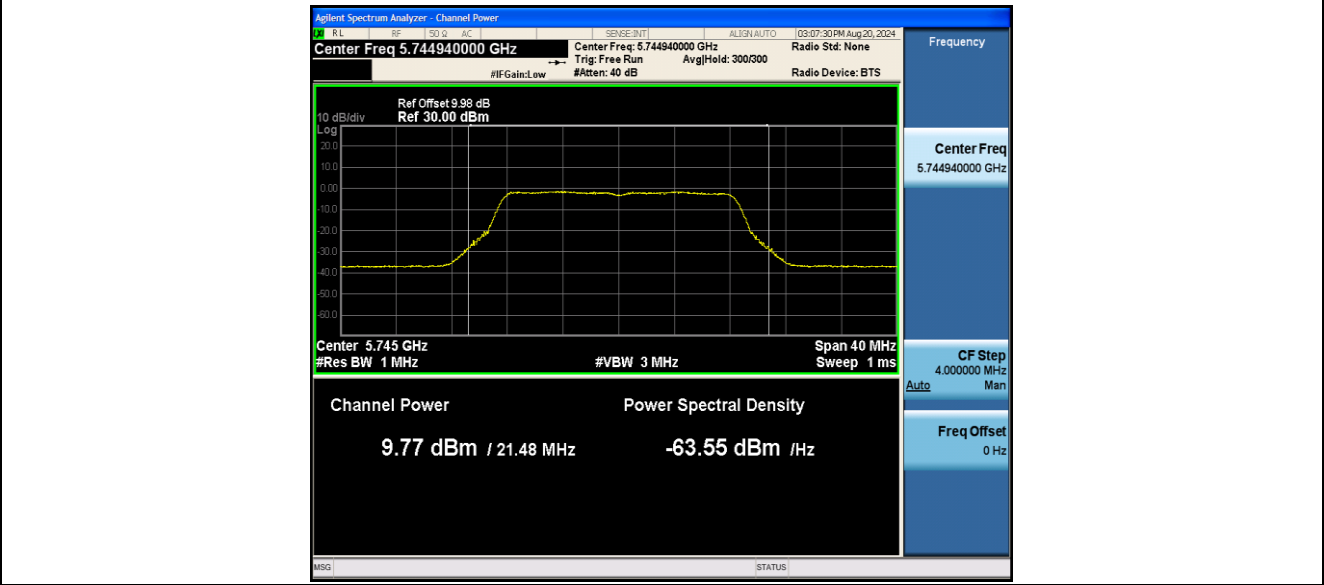
Test Mode	Antenna	Channel	Level [dBm]	10Log(1/X) Factor [dB]	Power [dBm]	Limit [dBm]	Verdict
11A	Ant1	5180	12.80	0.00	12.80	≤23.98	PASS
		5220	12.70	0.00	12.70	≤23.98	PASS
		5240	12.12	0.00	12.12	≤23.98	PASS
		5745	9.77	0.00	9.77	≤30.00	PASS
		5785	9.60	0.00	9.60	≤30.00	PASS
		5825	10.37	0.00	10.37	≤30.00	PASS
11N20SISO	Ant1	5180	13.24	0.00	13.24	≤23.98	PASS
		5220	13.15	0.00	13.15	≤23.98	PASS
		5240	12.67	0.00	12.67	≤23.98	PASS
		5745	9.95	0.00	9.95	≤30.00	PASS
		5785	9.87	0.00	9.87	≤30.00	PASS
		5825	10.43	0.00	10.43	≤30.00	PASS
11N40SISO	Ant1	5190	13.41	0.00	13.41	≤23.98	PASS
		5230	12.22	0.00	12.22	≤23.98	PASS
		5755	9.28	0.00	9.28	≤30.00	PASS
		5795	9.57	0.00	9.57	≤30.00	PASS
11AC20SISO	Ant1	5180	13.21	0.00	13.21	≤23.98	PASS
		5220	13.13	0.00	13.13	≤23.98	PASS
		5240	12.66	0.00	12.66	≤23.98	PASS
		5745	9.92	0.00	9.92	≤30.00	PASS
		5785	9.88	0.00	9.88	≤30.00	PASS
		5825	10.38	0.00	10.38	≤30.00	PASS
11AC40SISO	Ant1	5190	13.04	0.00	13.04	≤23.98	PASS
		5230	12.47	0.00	12.47	≤23.98	PASS
		5755	9.36	0.00	9.36	≤30.00	PASS
		5795	9.51	0.00	9.51	≤30.00	PASS
11AC80SISO	Ant1	5210	12.84	0.00	12.84	≤23.98	PASS
		5775	10.43	0.00	10.43	≤30.00	PASS
11AX20SISO	Ant1	5180	12.29	0.00	12.29	≤23.98	PASS
		5220	12.29	0.00	12.29	≤23.98	PASS
		5240	11.75	0.00	11.75	≤23.98	PASS
		5745	8.98	0.00	8.98	≤30.00	PASS
		5785	8.80	0.00	8.80	≤30.00	PASS
		5825	9.14	0.00	9.14	≤30.00	PASS
11AX40SISO	Ant1	5190	12.84	0.00	12.84	≤23.98	PASS
		5230	12.14	0.00	12.14	≤23.98	PASS
		5755	9.54	0.00	9.54	≤30.00	PASS
		5795	8.87	0.00	8.87	≤30.00	PASS
11AX80SISO	Ant1	5210	12.39	0.00	12.39	≤23.98	PASS
		5775	9.98	0.00	9.98	≤30.00	PASS

10.4.2 Test Graphs

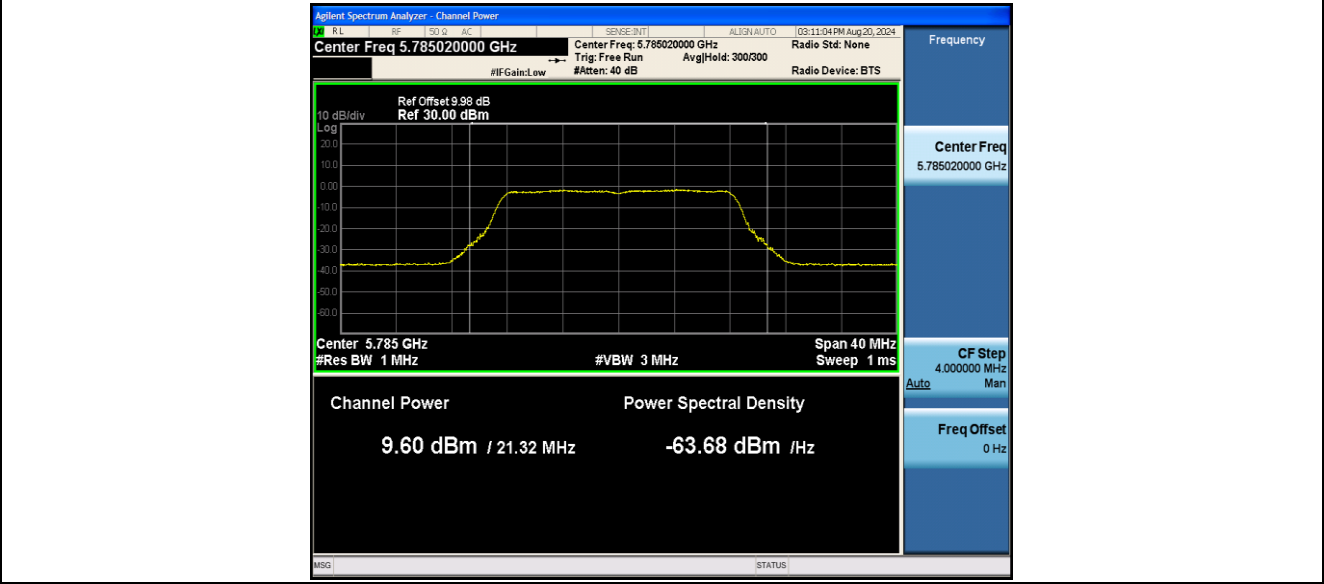




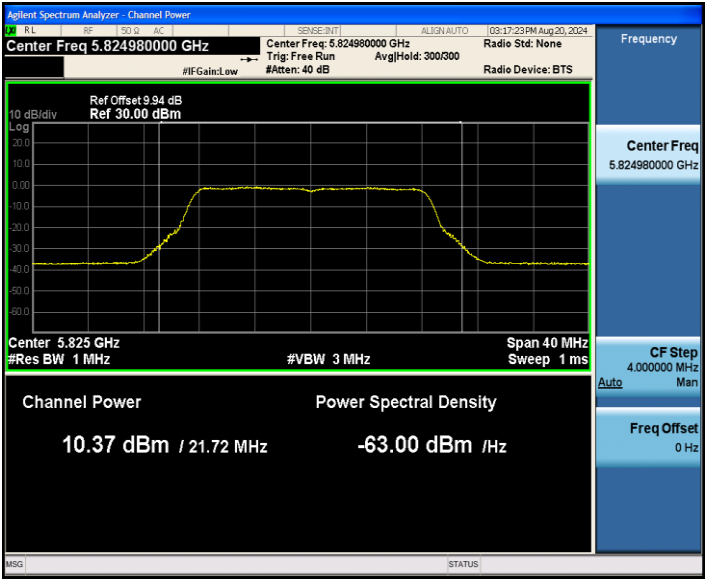
11A_Ant1_5745



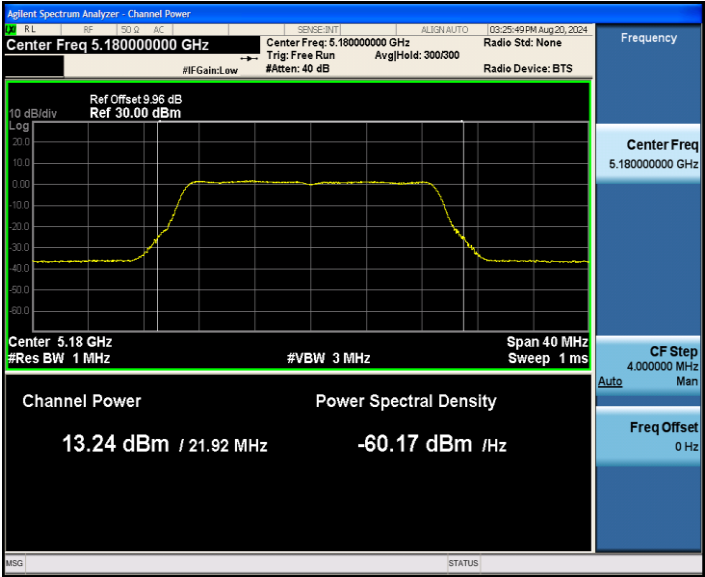
11A_Ant1_5785



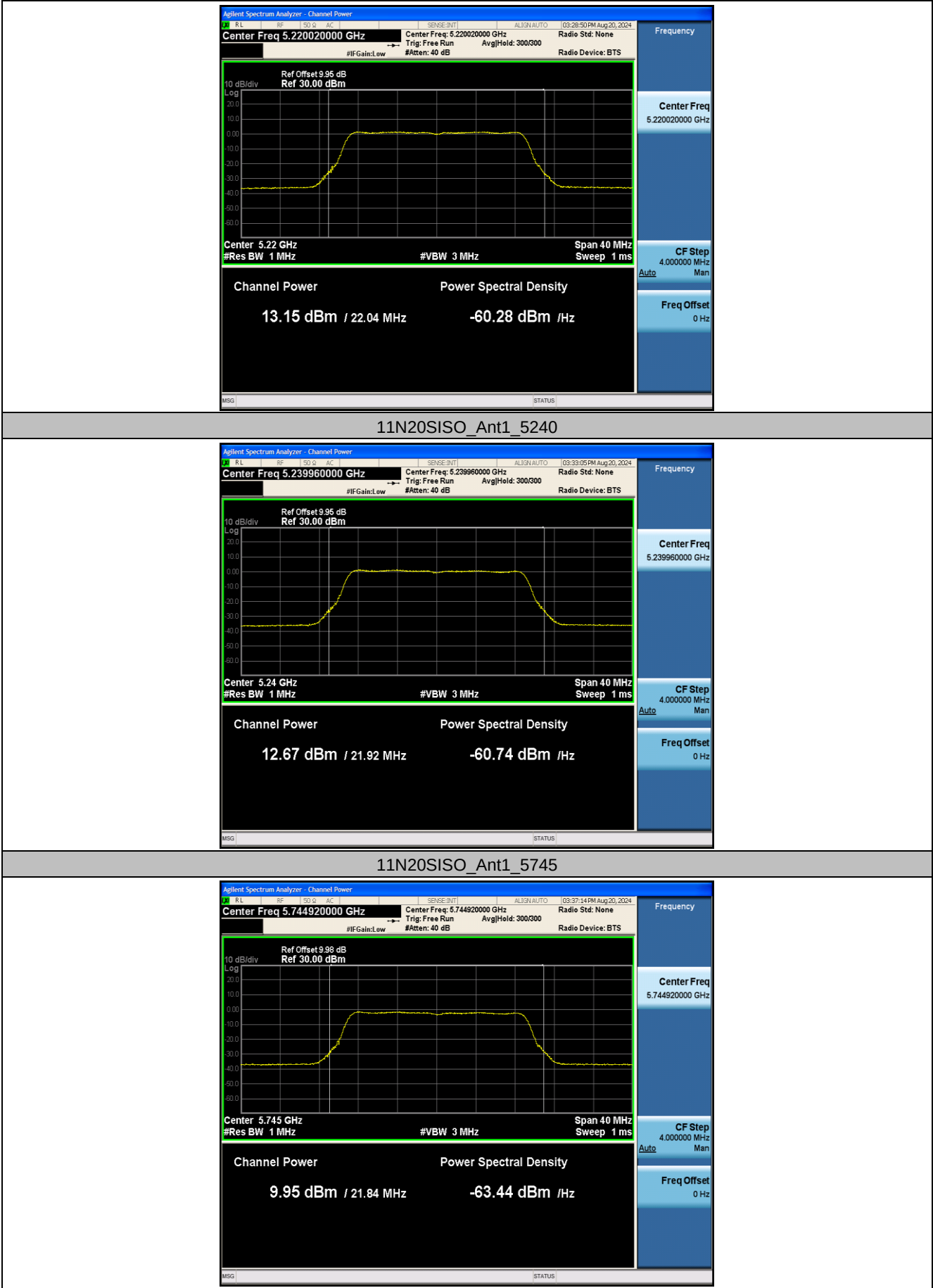
11A_Ant1_5825



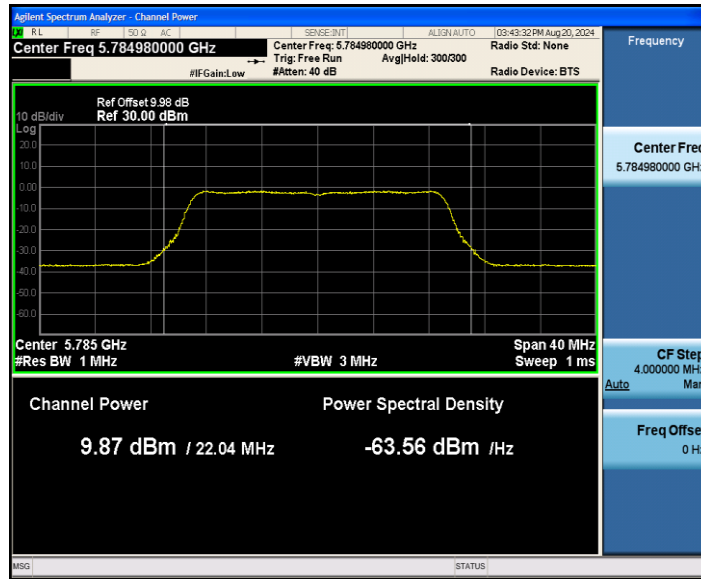
11N20SISO_Ant1_5180



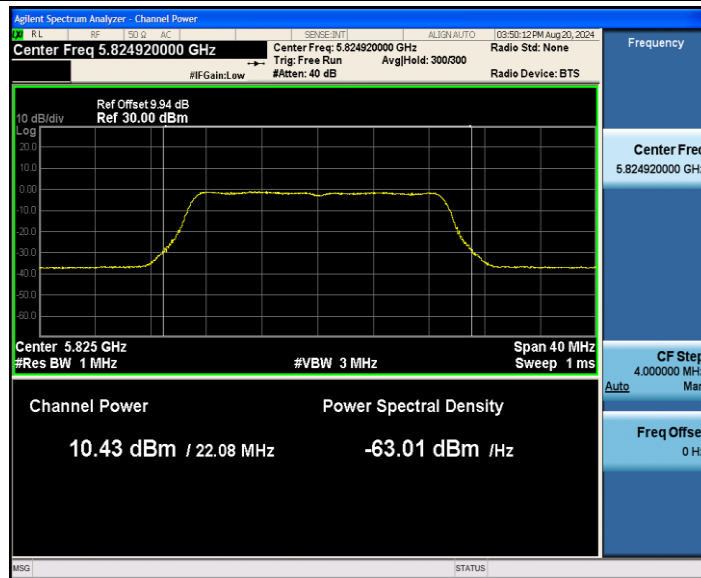
11N20SISO_Ant1_5220



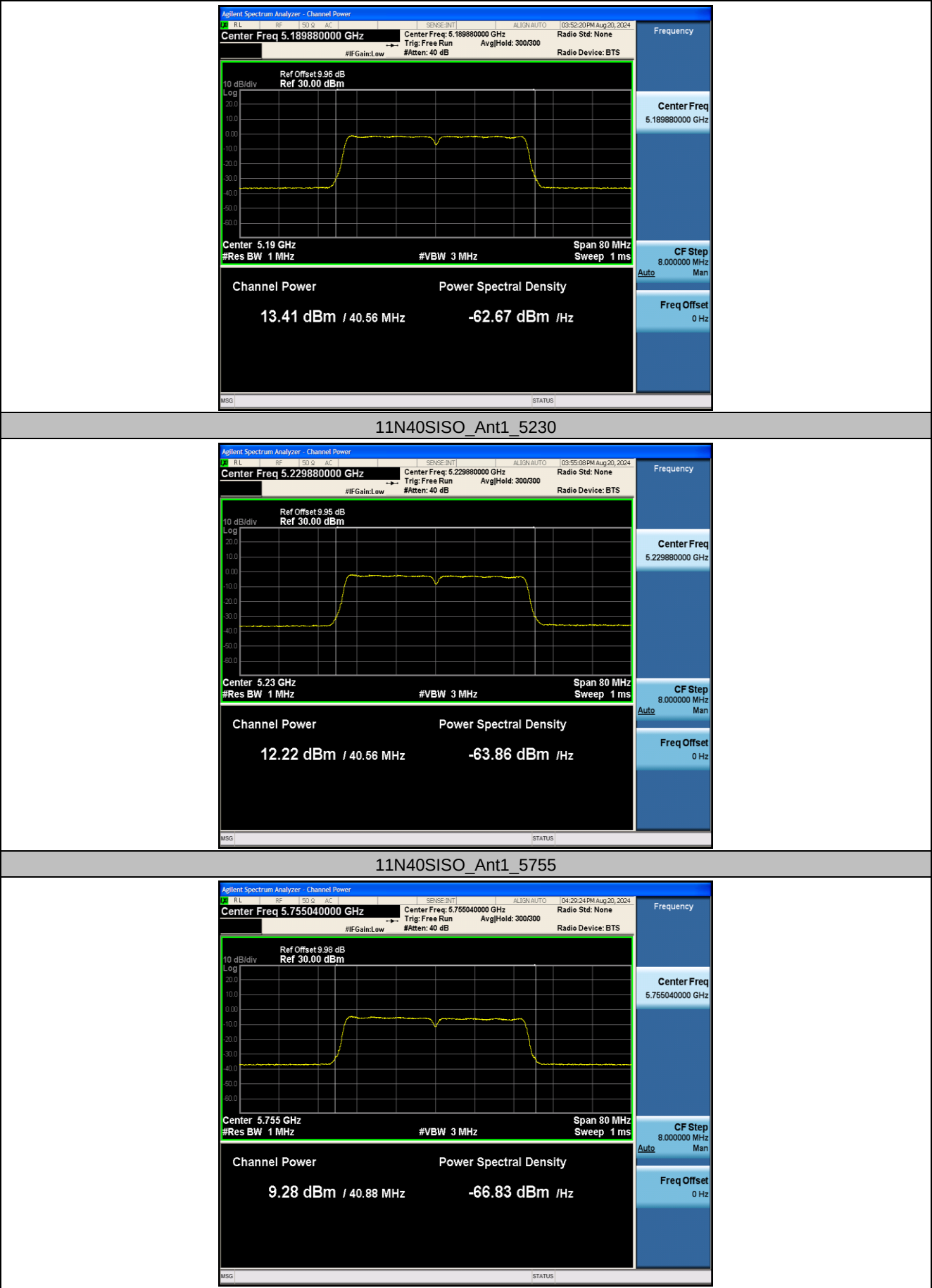
11N20SISO_Ant1_5785



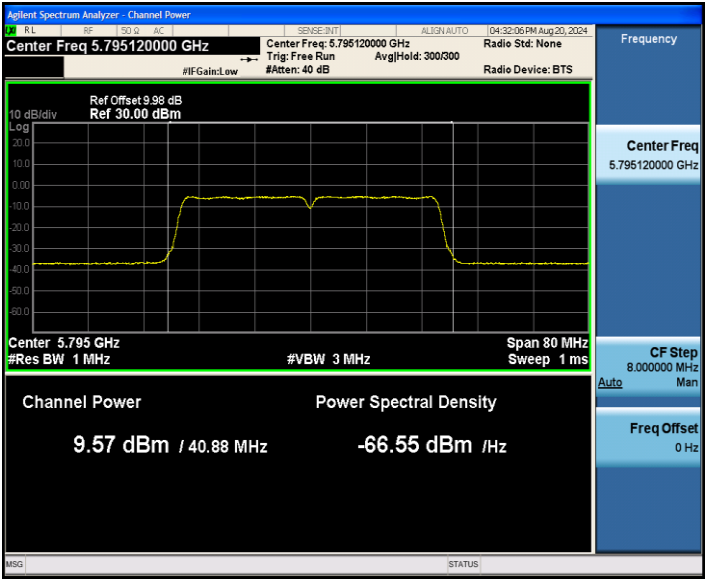
11N20SISO_Ant1_5825



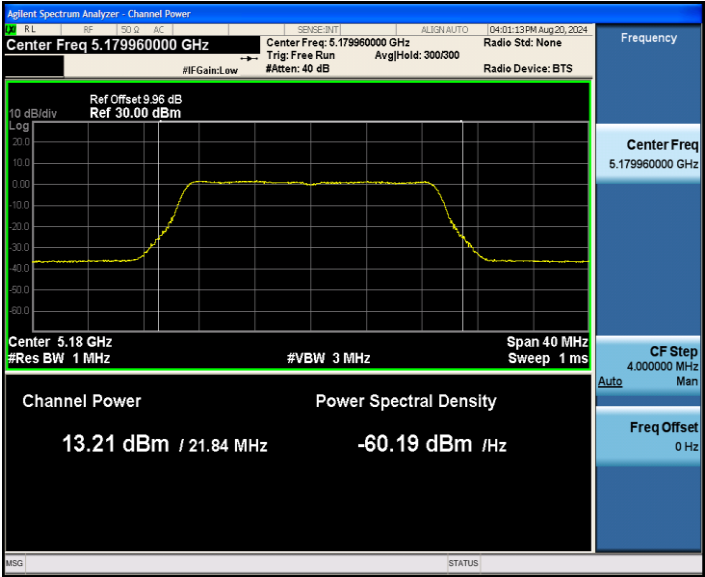
11N40SISO_Ant1_5190



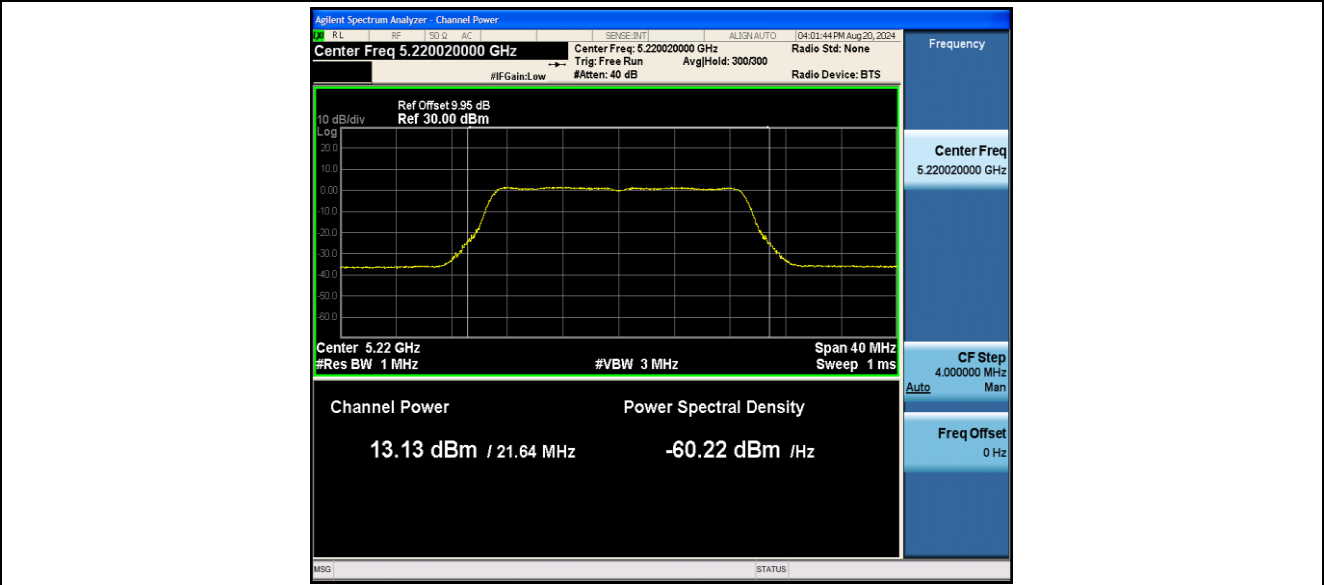
11N40SISO_Ant1_5795



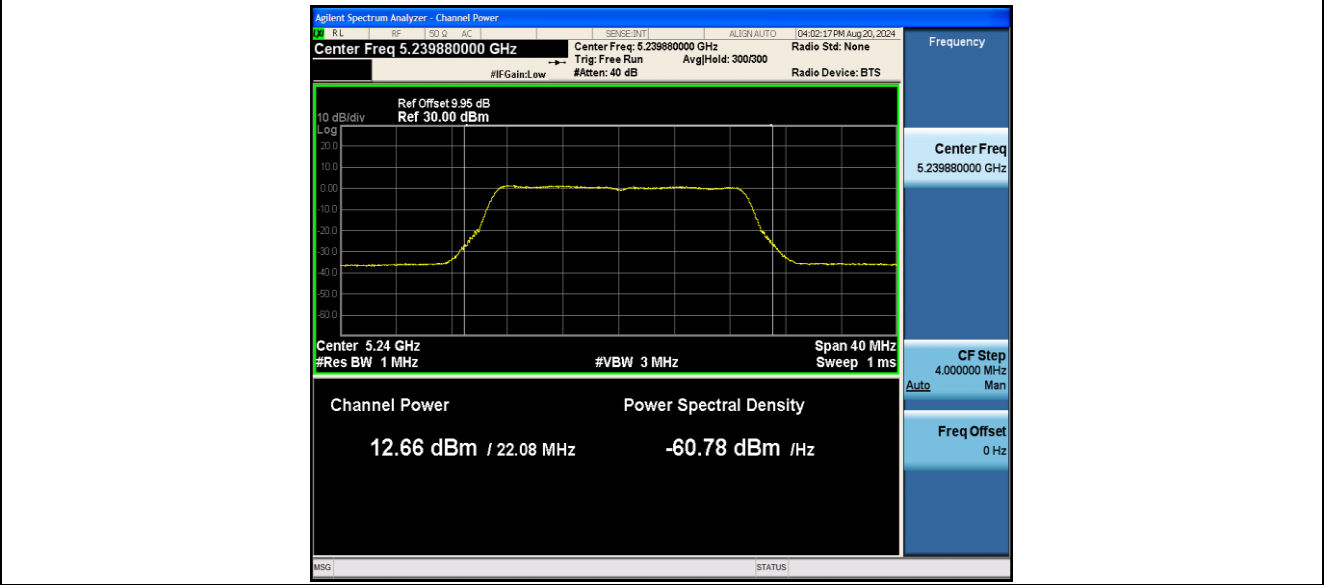
11AC20SISO_Ant1_5180



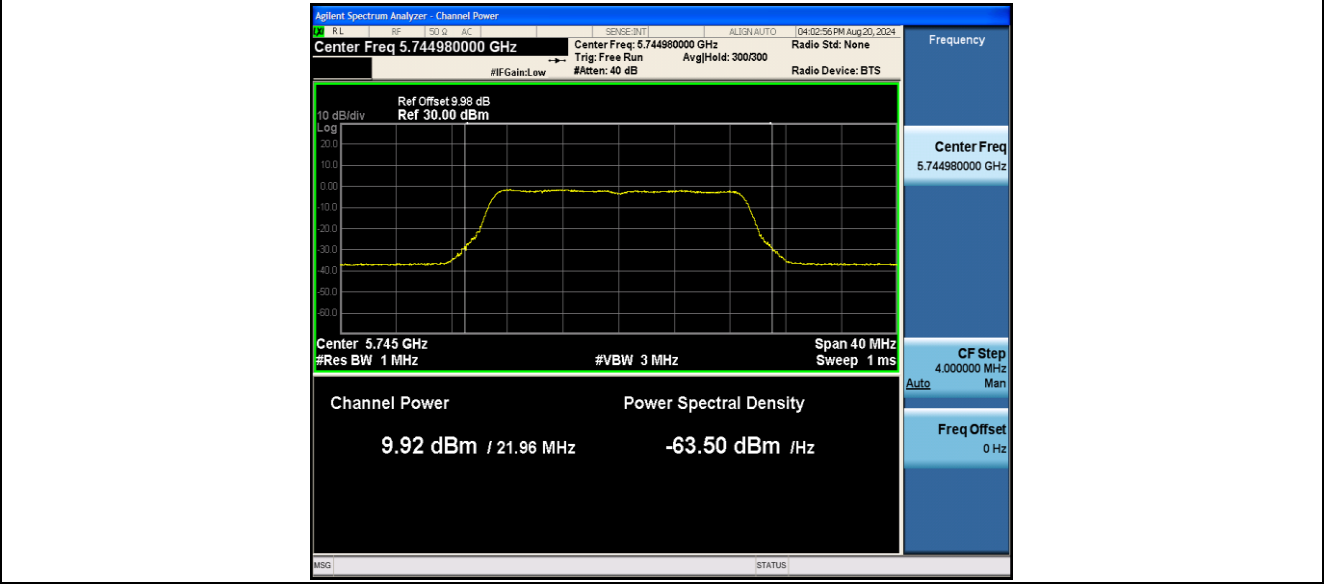
11AC20SISO_Ant1_5220



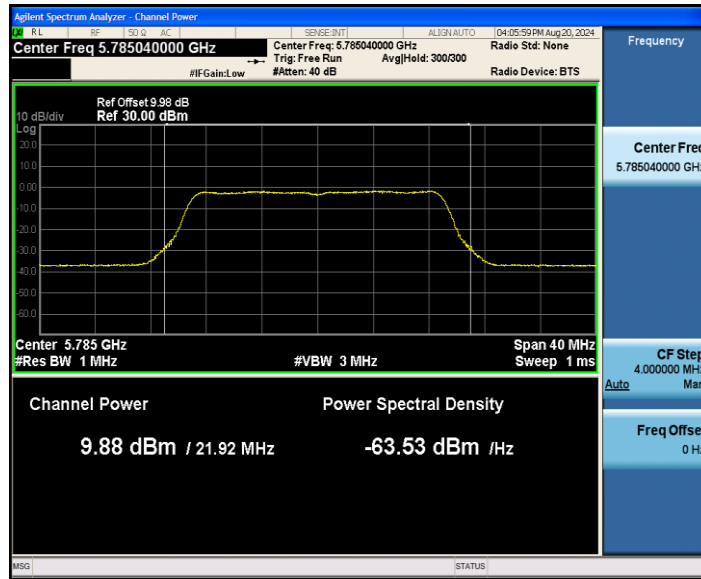
11AC20SISO_Ant1_5240



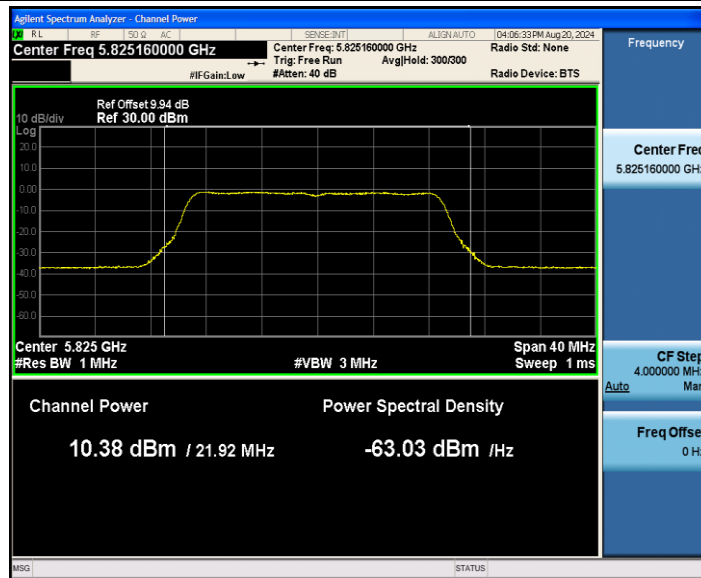
11AC20SISO_Ant1_5745



11AC20SISO_Ant1_5785



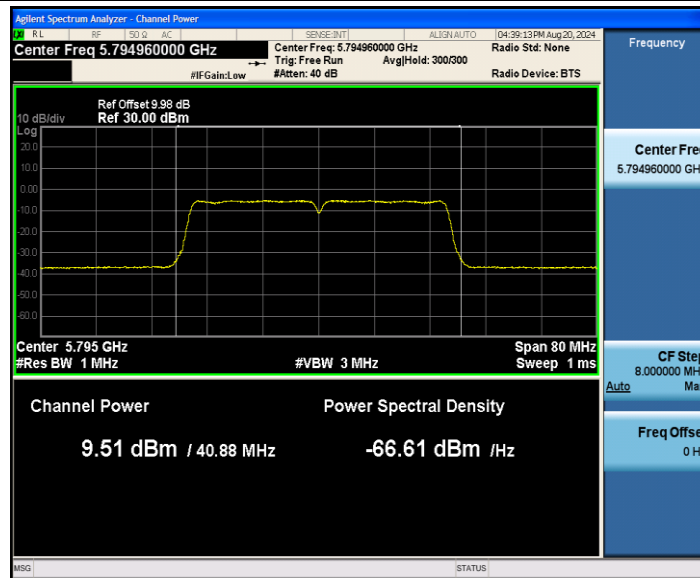
11AC20SISO_Ant1_5825



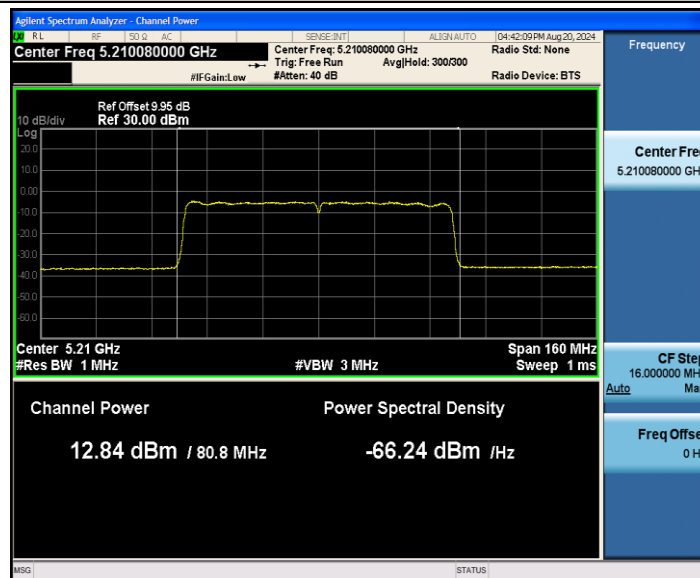
11AC40SISO_Ant1_5190



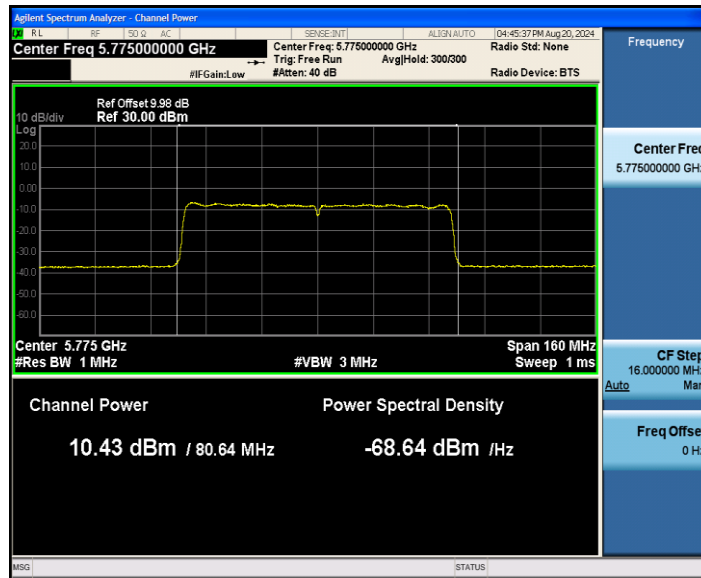
11AC40SISO_Ant1_5795



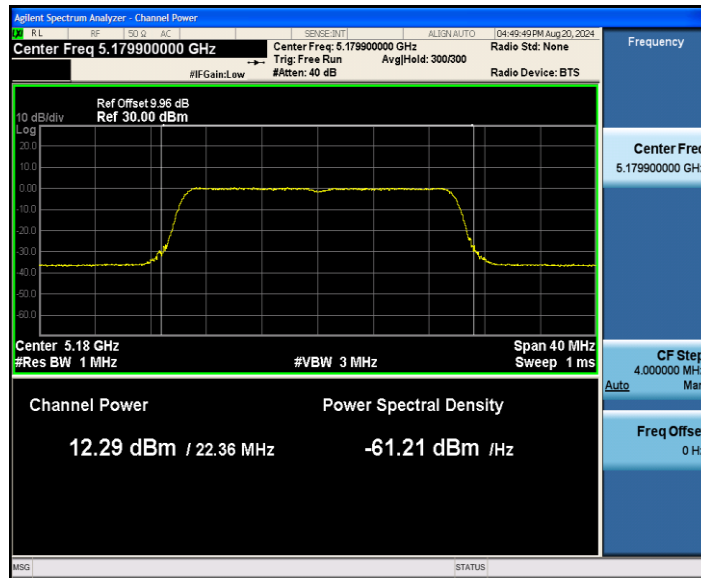
11AC80SISO_Ant1_5210



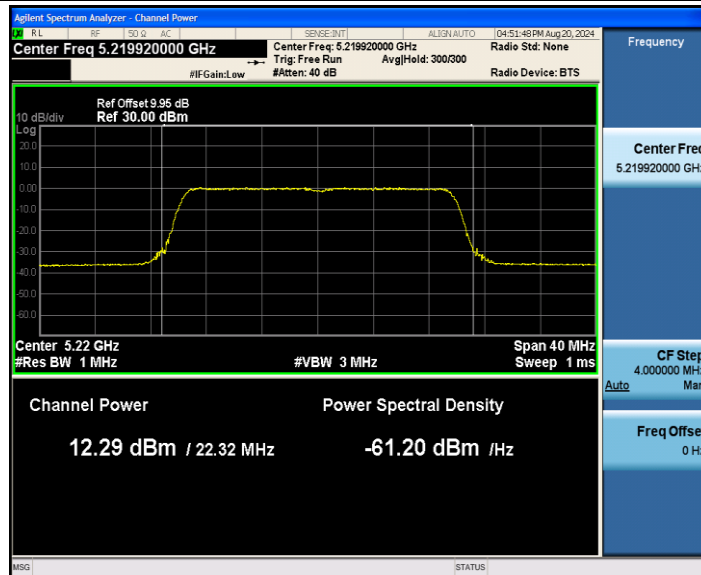
11AC80SISO_Ant1_5775



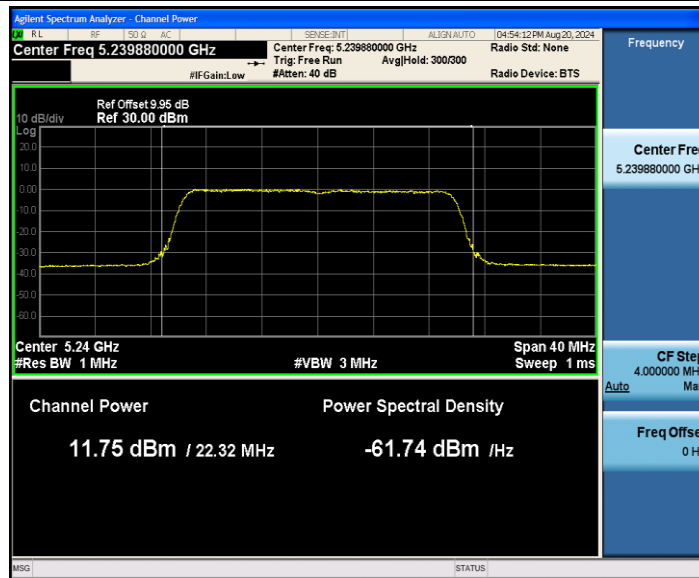
11AX20SISO_Ant1_5180



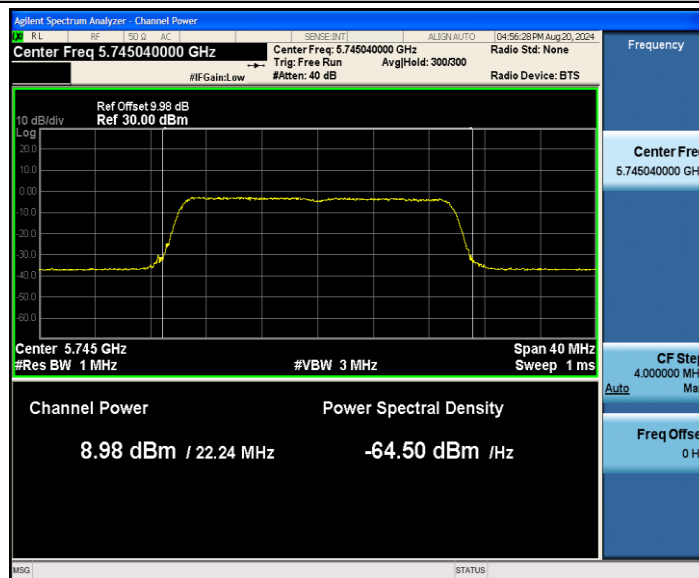
11AX20SISO_Ant1_5220



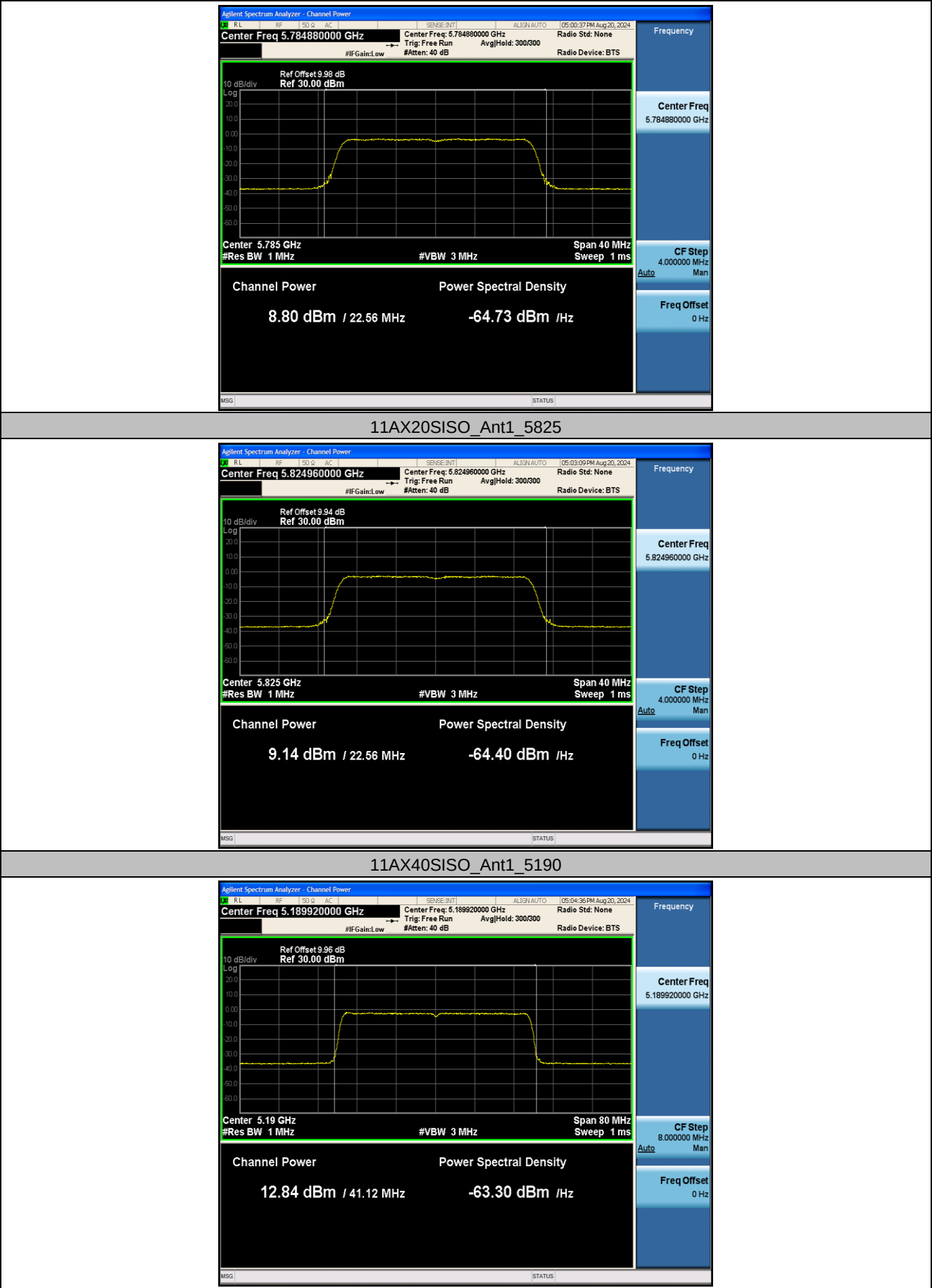
11AX20SISO_Ant1_5240



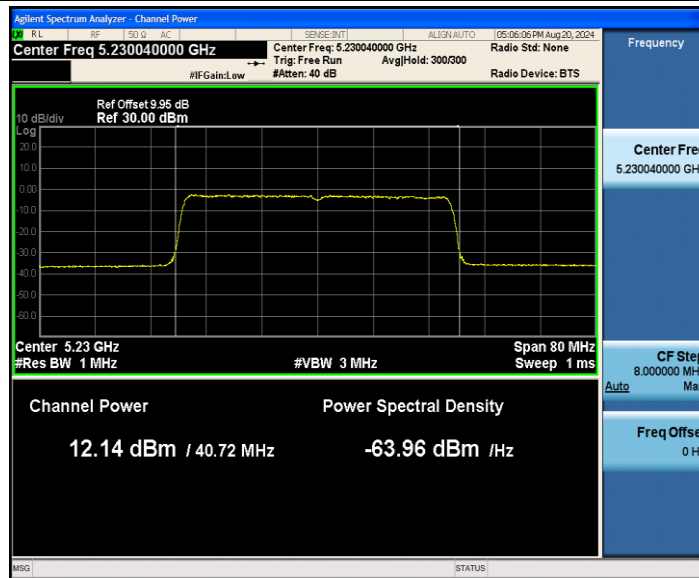
11AX20SISO_Ant1_5745



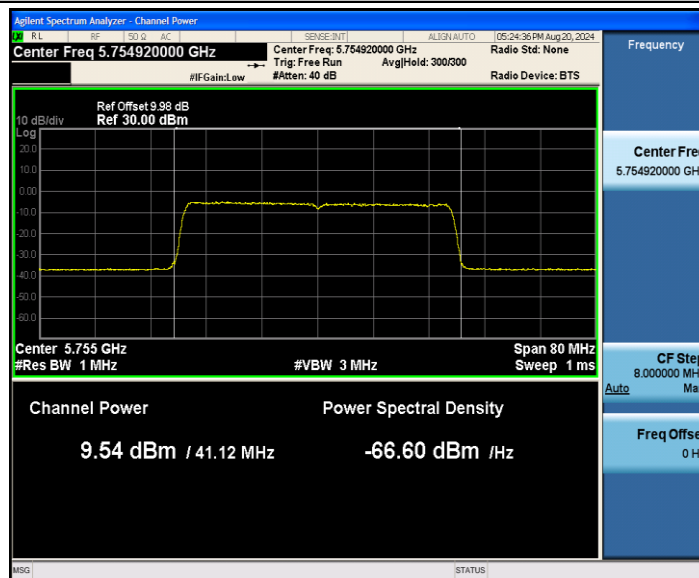
11AX20SISO_Ant1_5785



11AX40SISO_Ant1_5230



11AX40SISO_Ant1_5755



11AX40SISO_Ant1_5795





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

SHEM-TRF-001 Rev. 02 Sep01, 2023

Report No.: SHCR240700132804

Page: 208 of 255

10.5 Appendix C: Maximum power spectral density

10.5.1 Test Result

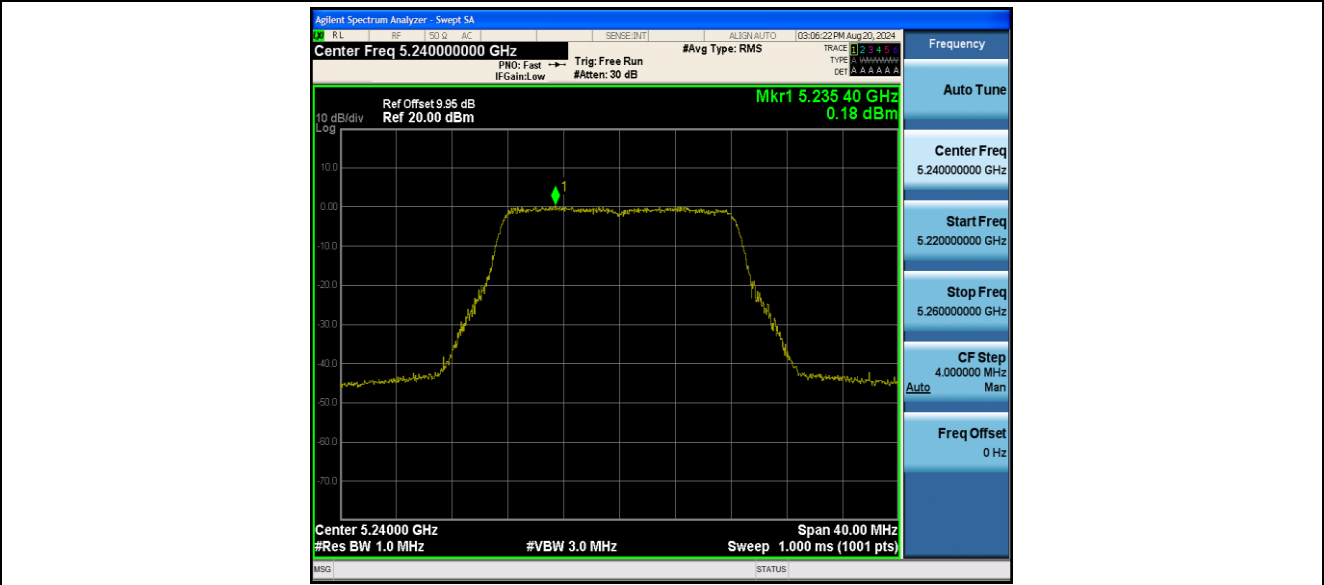
Test Mode	Antenna	Channel	Level [dBm/MHz]	10Log(1/X) Factor [dB]	PSD [dBm/MHz]	Limit [dBm/MHz]	Verdict
11A	Ant1	5180	1.70	0.00	1.70	≤11.00	PASS
		5220	1.44	0.00	1.44	≤11.00	PASS
		5240	0.18	0.00	0.18	≤11.00	PASS
		5745	-6.33	0.00	-4.11	≤30.00	PASS
		5785	-6.37	0.00	-4.15	≤30.00	PASS
		5825	-5.38	0.00	-3.16	≤30.00	PASS
11N20SISO	Ant1	5180	1.83	0.00	1.83	≤11.00	PASS
		5220	2.91	0.00	2.91	≤11.00	PASS
		5240	2.29	0.00	2.29	≤11.00	PASS
		5745	-4.87	0.00	-2.65	≤30.00	PASS
		5785	-6.27	0.00	-4.05	≤30.00	PASS
		5825	-5.62	0.00	-3.40	≤30.00	PASS
11N40SISO	Ant1	5190	-1.16	0.00	-1.16	≤11.00	PASS
		5230	-1.43	0.00	-1.43	≤11.00	PASS
		5755	-9.65	0.00	-7.43	≤30.00	PASS
		5795	-10.51	0.00	-8.29	≤30.00	PASS
11AC20SISO	Ant1	5180	0.53	0.00	0.53	≤11.00	PASS
		5220	0.96	0.00	0.96	≤11.00	PASS
		5240	1.24	0.00	1.24	≤11.00	PASS
		5745	-8.32	0.00	-6.10	≤30.00	PASS
		5785	-6.70	0.00	-4.48	≤30.00	PASS
		5825	-6.26	0.00	-4.04	≤30.00	PASS
11AC40SISO	Ant1	5190	-1.09	0.00	-1.09	≤11.00	PASS
		5230	-1.38	0.00	-1.38	≤11.00	PASS
		5755	-9.84	0.00	-7.62	≤30.00	PASS
		5795	-10.04	0.00	-7.82	≤30.00	PASS
11AC80SISO	Ant1	5210	-3.99	0.00	-3.99	≤11.00	PASS
		5775	-12.00	0.00	-9.78	≤30.00	PASS
11AX20SISO	Ant1	5180	0.40	0.00	0.40	≤11.00	PASS
		5220	1.48	0.00	1.48	≤11.00	PASS
		5240	-0.35	0.00	-0.35	≤11.00	PASS
		5745	-6.77	0.00	-4.55	≤30.00	PASS
		5785	-8.83	0.00	-6.61	≤30.00	PASS
		5825	-6.79	0.00	-4.57	≤30.00	PASS
11AX40SISO	Ant1	5190	-1.51	0.00	-1.51	≤11.00	PASS
		5230	-1.01	0.00	-1.01	≤11.00	PASS
		5755	-9.36	0.00	-7.14	≤30.00	PASS
		5795	-10.43	0.00	-8.21	≤30.00	PASS
11AX80SISO	Ant1	5210	-4.32	0.00	-4.32	≤11.00	PASS
		5775	-12.28	0.00	-10.06	≤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.

10.5.2 Test Graphs





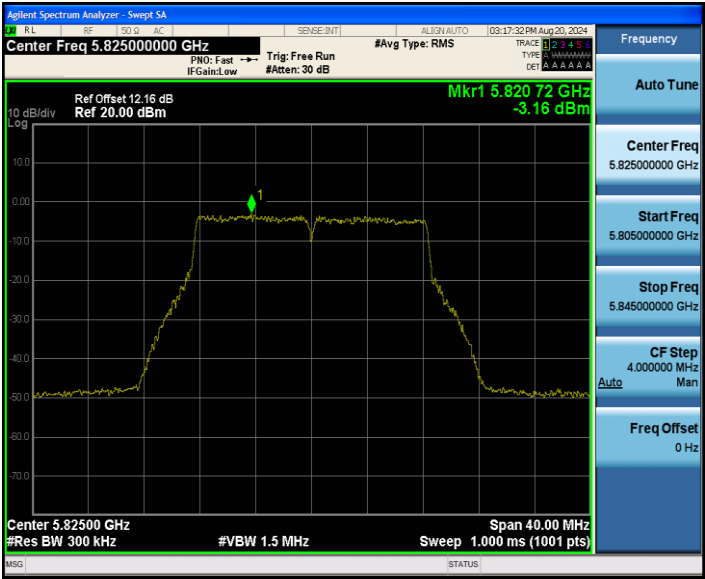
11A_Ant1_5745



11A_Ant1_5785



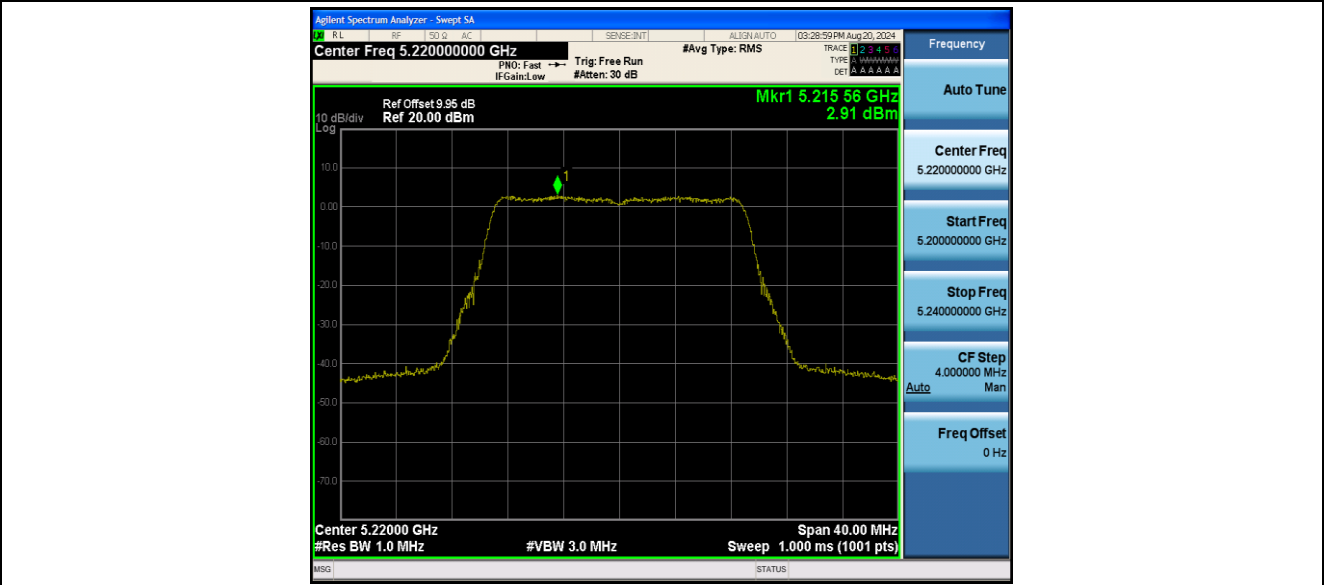
11A_Ant1_5825



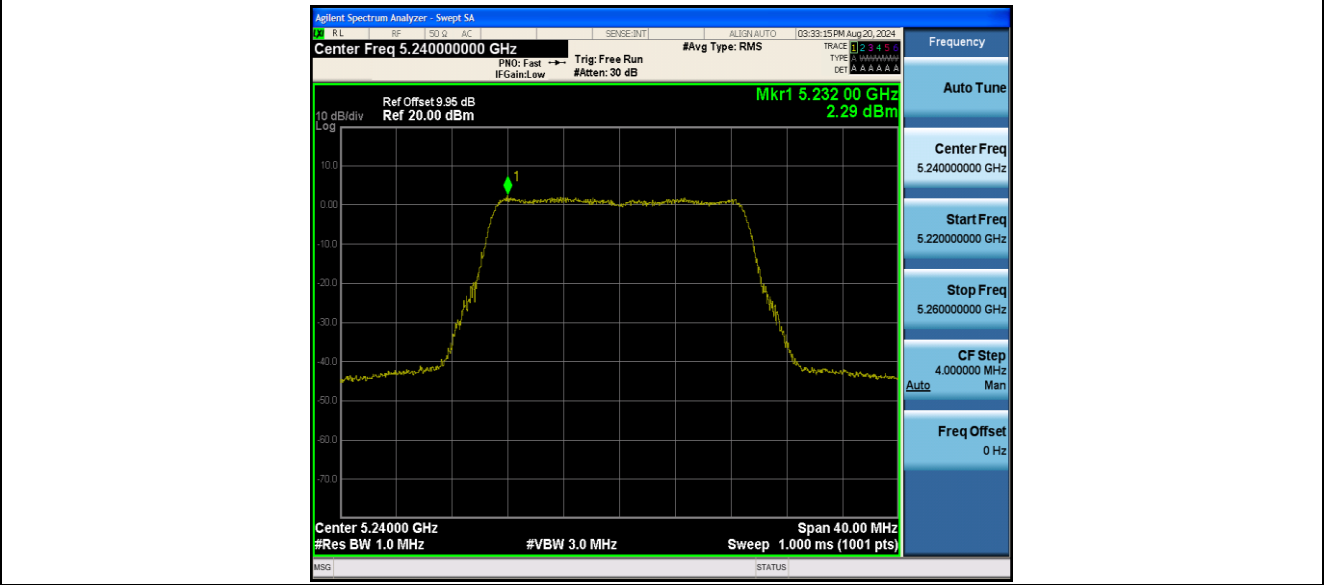
11N20SISO_Ant1_5180



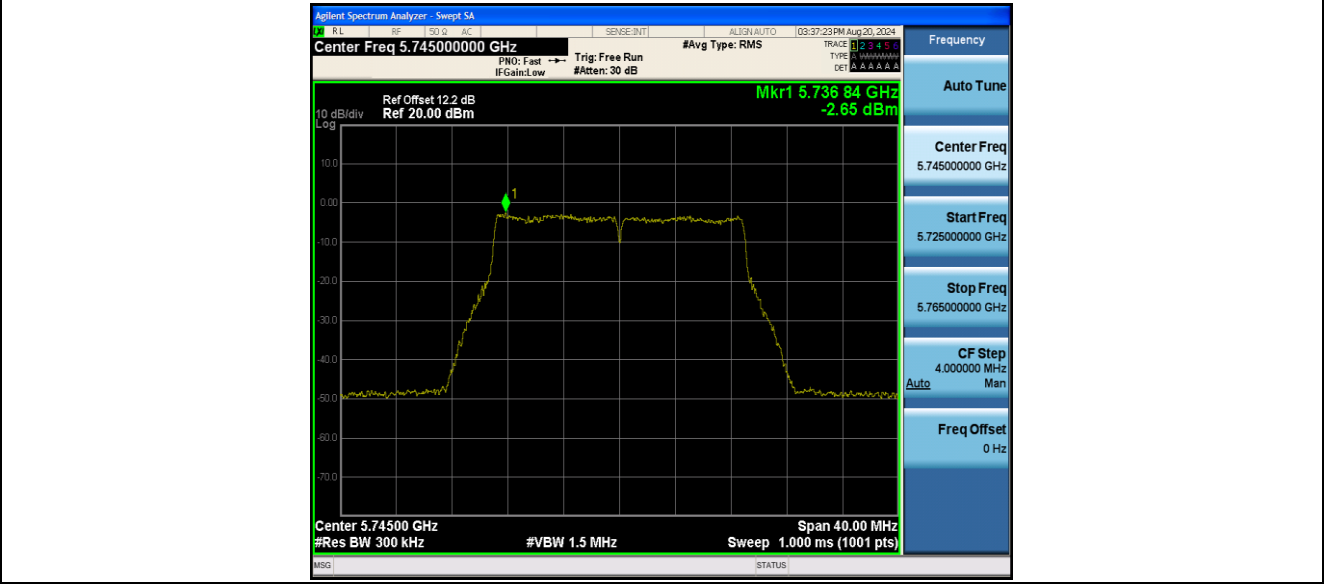
11N20SISO_Ant1_5220



11N20SISO_Ant1_5240



11N20SISO_Ant1_5745



11N20SISO_Ant1_5785



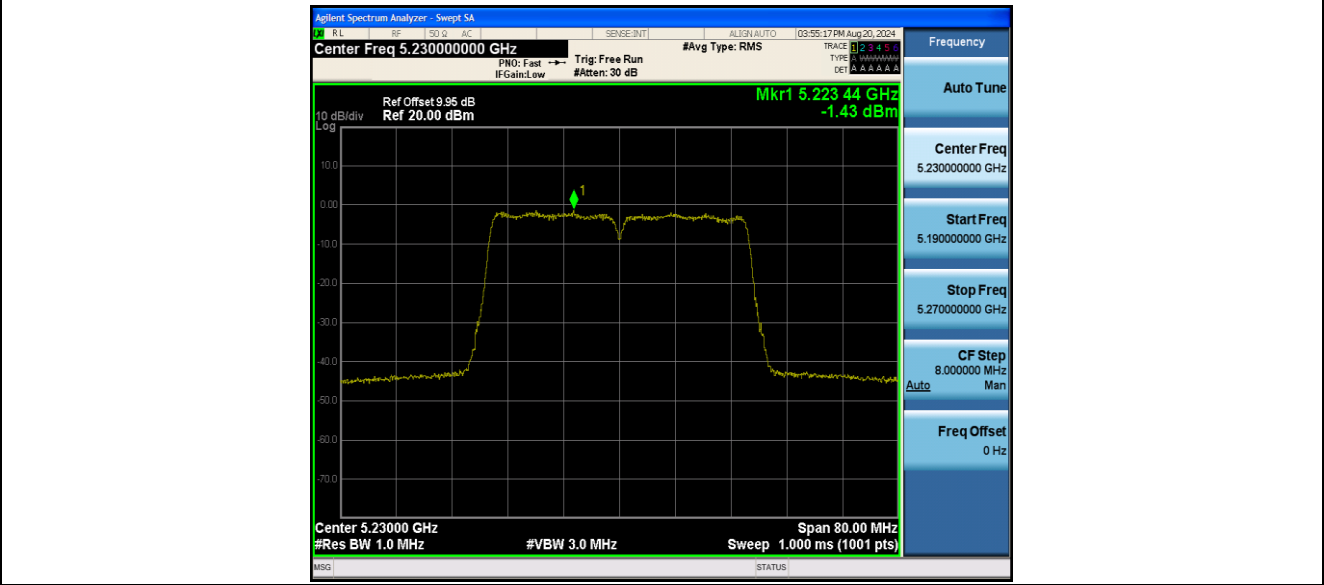
11N20SISO_Ant1_5825



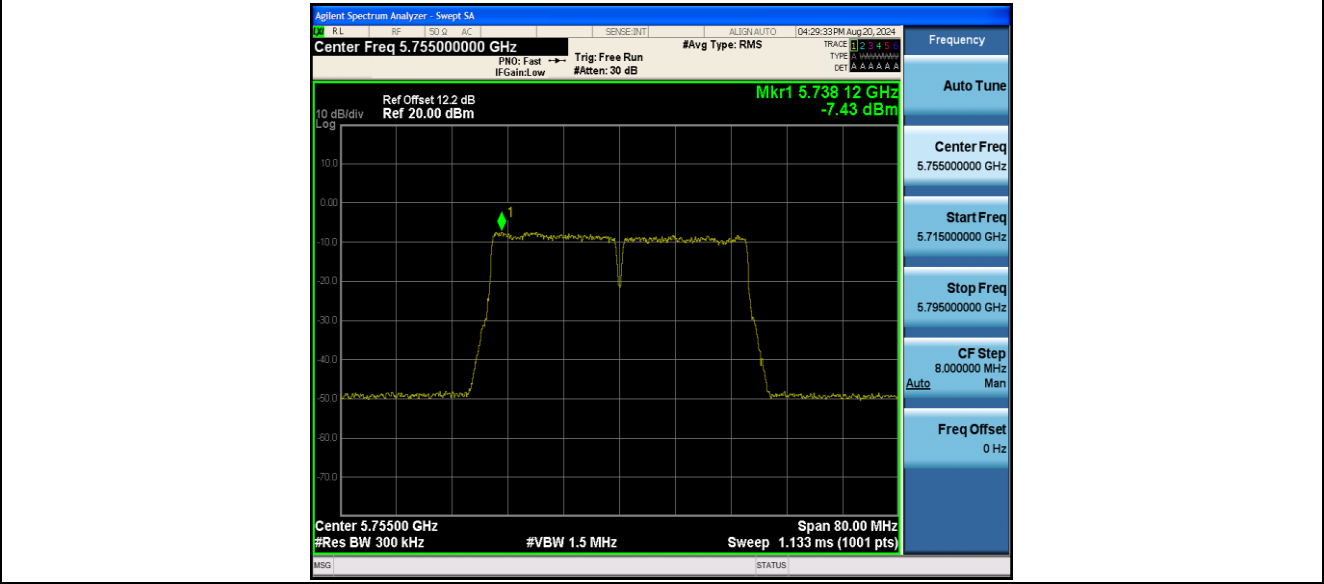
11N40SISO_Ant1_5190



11N40SISO_Ant1_5230



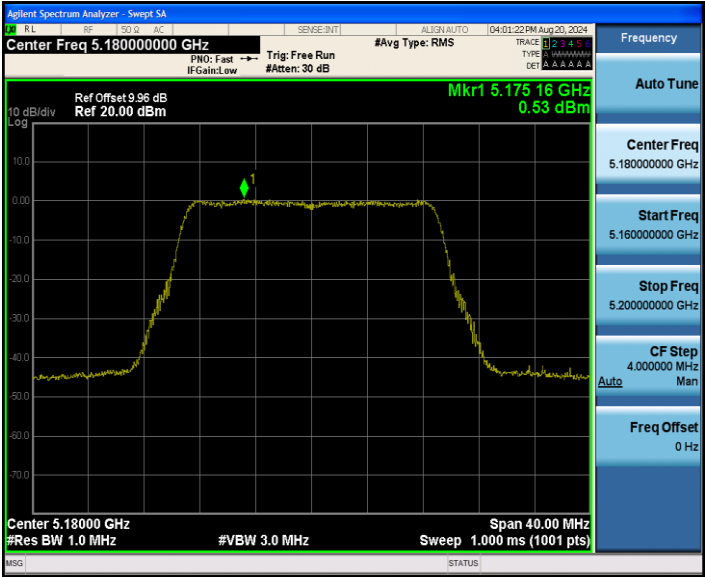
11N40SISO_Ant1_5755



11N40SISO_Ant1_5795



11AC20SISO_Ant1_5180



11AC20SISO_Ant1_5220