

TEST REPORT

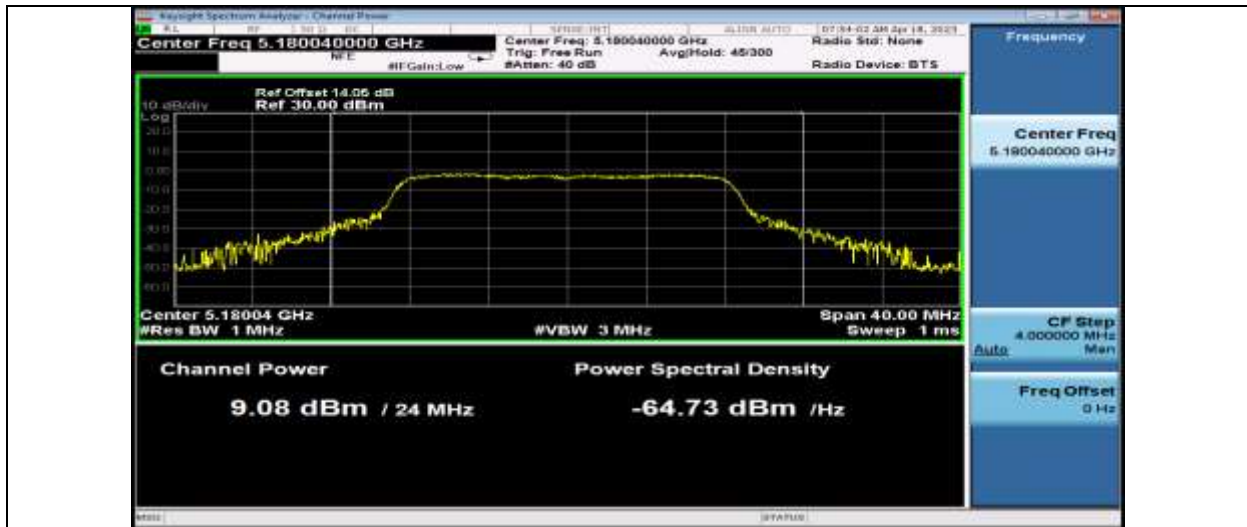
11.5 Maximum conducted output power

11.5.1 Test Data

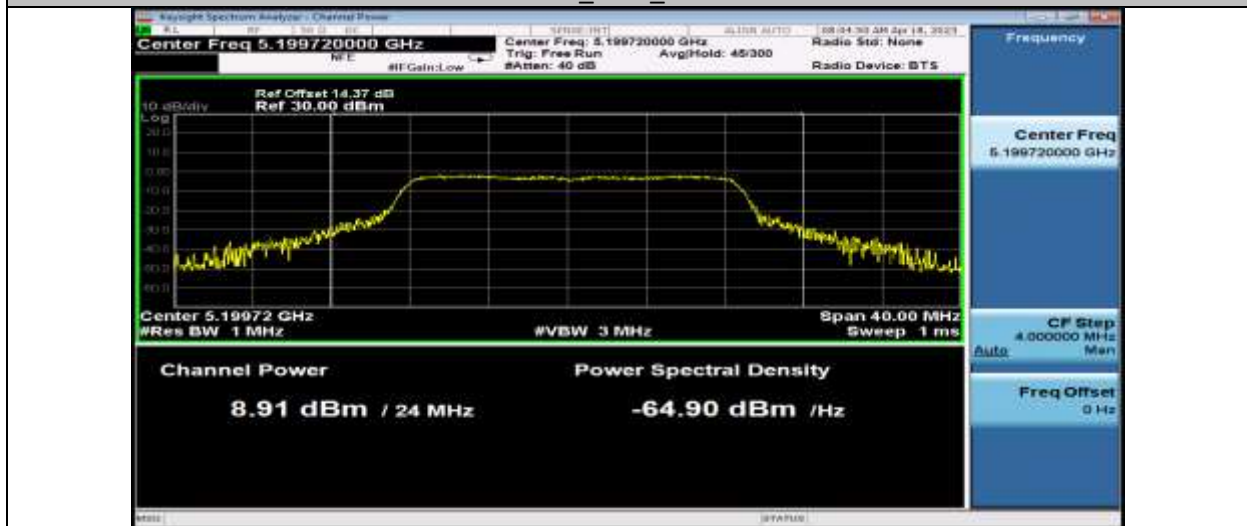
Test Mode	Frequency [MHz]	Channel Power [dBm]	Duty Cycle [%]	DC Factor [dBm]	Result [dBm]	Limit [dBm]	Gain [dBi]	EIRP [dBm]	IC EIRP Limit [dBm]	Verdict
11A	5180	8.81	95.77	0.19	9.00	≤23.98	4.20	13.20	≤22.00	PASS
	5200	8.33	88.89	0.51	8.84	≤23.98	4.20	13.04	≤22.00	PASS
	5240	8.51	89.47	0.48	8.99	≤23.98	4.20	13.19	≤22.00	PASS
	5745	10.60	91.28	0.40	11.00	≤30.00	4.20	15.20	≤30.00	PASS
	5785	10.20	89.54	0.48	10.68	≤30.00	4.20	14.88	≤30.00	PASS
	5825	9.14	94.48	0.25	9.39	≤30.00	4.20	13.59	≤30.00	PASS
11N20SISO	5180	8.89	89.51	0.48	9.37	≤23.98	4.20	13.57	≤22.00	PASS
	5200	8.27	89.51	0.48	8.75	≤23.98	4.20	12.95	≤22.00	PASS
	5240	8.44	77.91	1.08	9.52	≤23.98	4.20	13.72	≤22.00	PASS
	5745	10.50	89.44	0.48	10.98	≤30.00	4.20	15.18	≤30.00	PASS
	5785	10.17	86.99	0.61	10.78	≤30.00	4.20	14.98	≤30.00	PASS
	5825	9.21	83.55	0.78	9.99	≤30.00	4.20	14.19	≤30.00	PASS
11N40SISO	5190	8.25	78.75	1.04	9.29	≤23.98	4.20	13.49	≤23.00	PASS
	5230	8.14	77.78	1.09	9.23	≤23.98	4.20	13.43	≤23.00	PASS
	5755	10.30	76.19	1.18	11.48	≤30.00	4.20	15.68	≤30.00	PASS
	5795	9.61	84.21	0.75	10.36	≤30.00	4.20	14.56	≤30.00	PASS
11AC20SISO	5180	8.89	88.89	0.51	9.40	≤23.98	4.20	13.60	≤22.00	PASS
	5200	8.36	88.97	0.51	8.87	≤23.98	4.20	13.07	≤22.00	PASS
	5240	8.52	90.78	0.42	8.94	≤23.98	4.20	13.14	≤22.00	PASS
	5745	10.54	94.81	0.23	10.77	≤30.00	4.20	14.97	≤30.00	PASS
	5785	10.14	90.14	0.45	10.59	≤30.00	4.20	14.79	≤30.00	PASS
	5825	9.23	89.58	0.48	9.71	≤30.00	4.20	13.91	≤30.00	PASS
11AC40SISO	5190	8.39	83.12	0.80	9.19	≤23.98	4.20	13.39	≤23.00	PASS
	5230	8.19	81.01	0.91	9.10	≤23.98	4.20	13.30	≤23.00	PASS
	5755	10.39	73.56	1.33	11.72	≤30.00	4.20	15.92	≤30.00	PASS
	5795	9.77	83.12	0.80	10.57	≤30.00	4.20	14.77	≤30.00	PASS
11AX20SISO	5180	9.13	80.65	0.93	10.06	≤23.98	4.20	14.26	≤22.00	PASS
	5200	8.41	83.90	0.76	9.17	≤23.98	4.20	13.37	≤22.00	PASS
	5240	8.62	85.34	0.69	9.31	≤23.98	4.20	13.51	≤22.00	PASS
	5745	10.63	82.64	0.83	11.46	≤30.00	4.20	15.66	≤30.00	PASS
	5785	10.18	82.50	0.84	11.02	≤30.00	4.20	15.22	≤30.00	PASS
	5825	9.09	89.19	0.50	9.59	≤30.00	4.20	13.79	≤30.00	PASS
11AX40SISO	5190	8.21	77.61	1.10	9.31	≤23.98	4.20	13.51	≤23.00	PASS
	5230	8.09	86.44	0.63	8.72	≤23.98	4.20	12.92	≤23.00	PASS
	5755	10.31	76.47	1.17	11.48	≤30.00	4.20	15.68	≤30.00	PASS
	5795	9.42	76.47	1.17	10.59	≤30.00	4.20	14.79	≤30.00	PASS

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

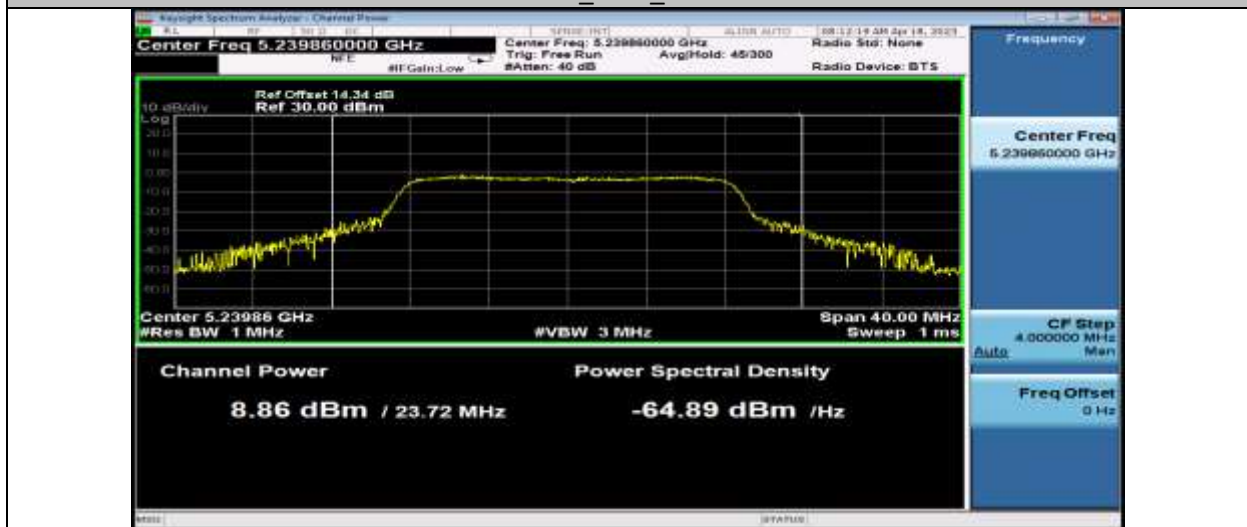
11.5.2 Test Graphs



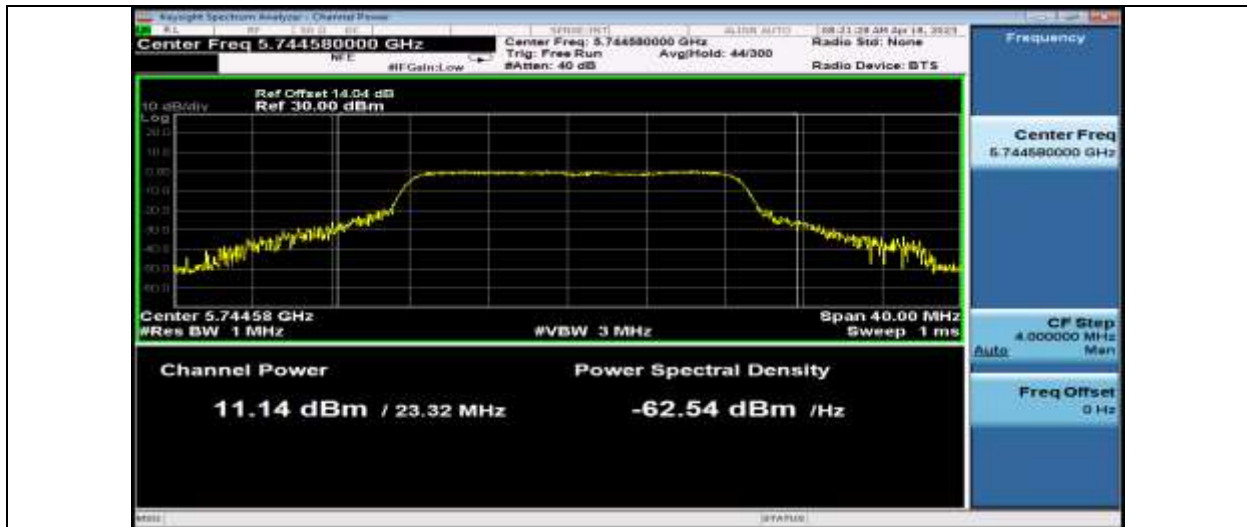
11A_Ant1_5180



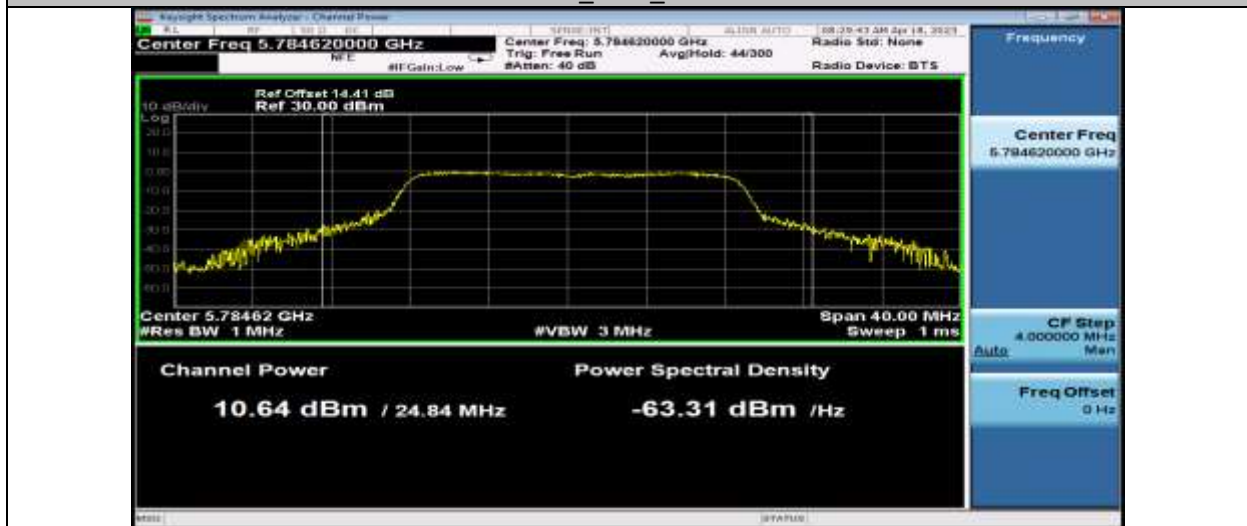
11A_Ant1_5200



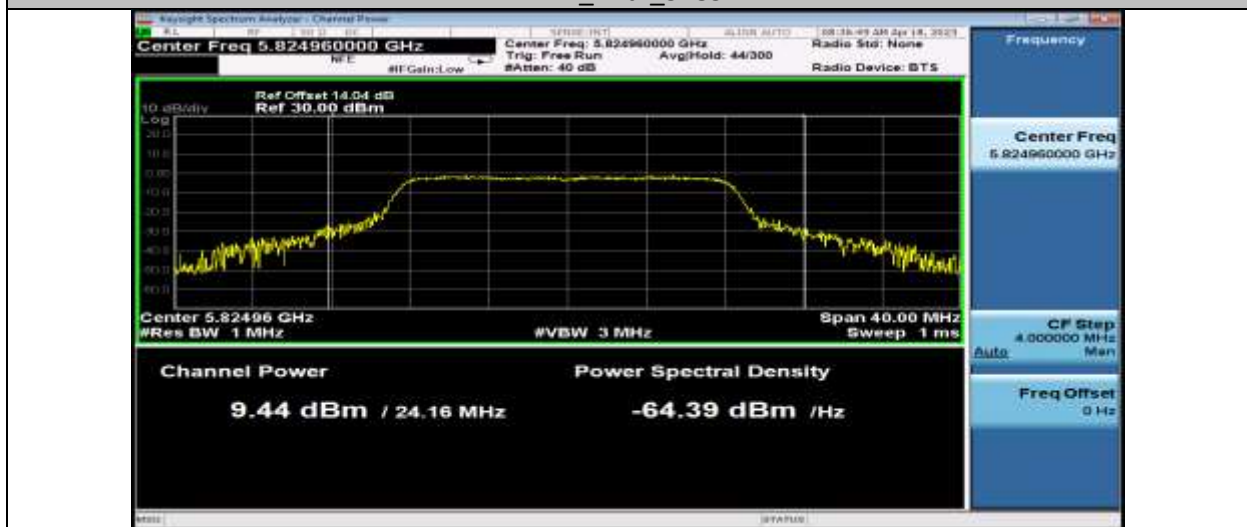
11A_Ant1_5240



11A_Ant1_5745



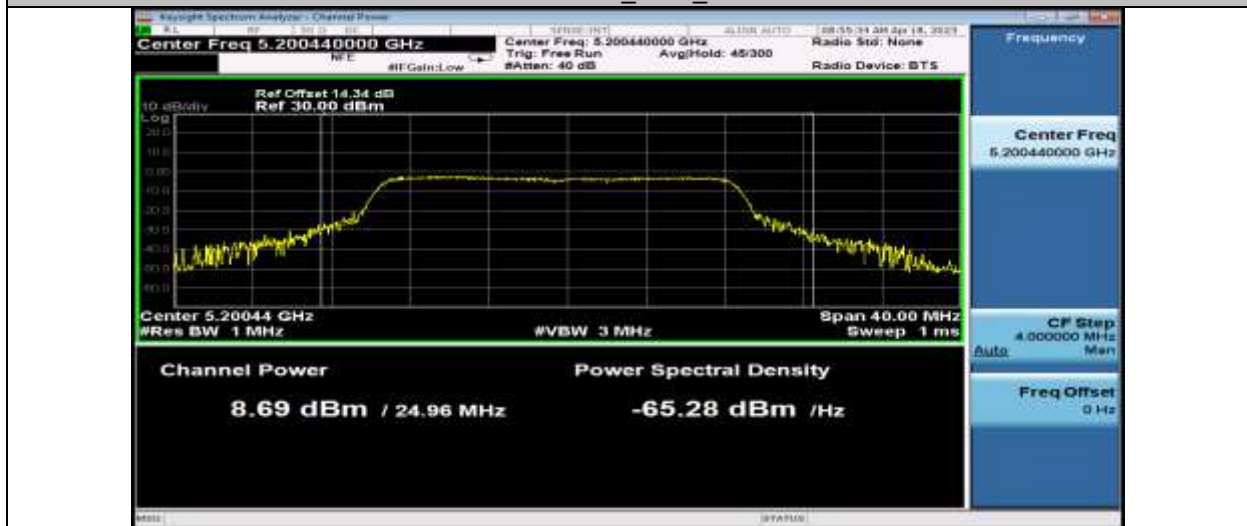
11A_Ant1_5785



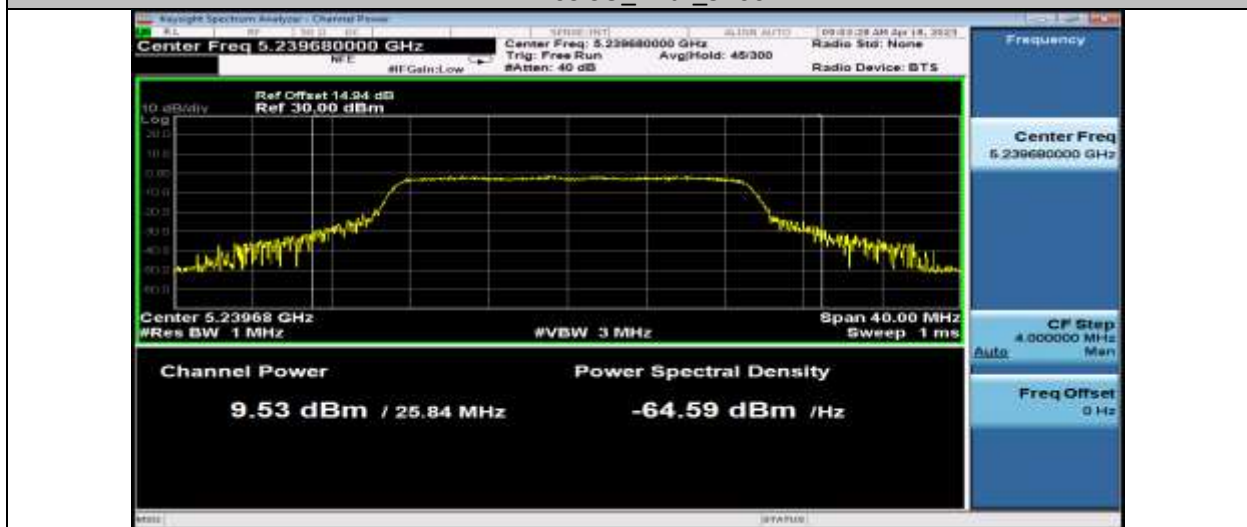
11A_Ant1_5825



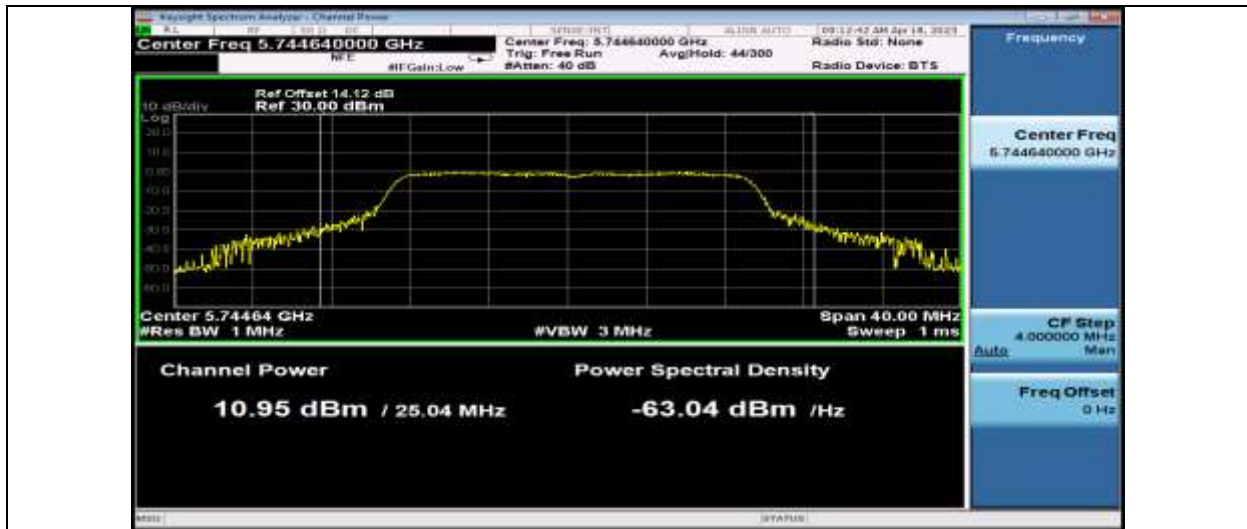
11N20SISO_Ant1_5180



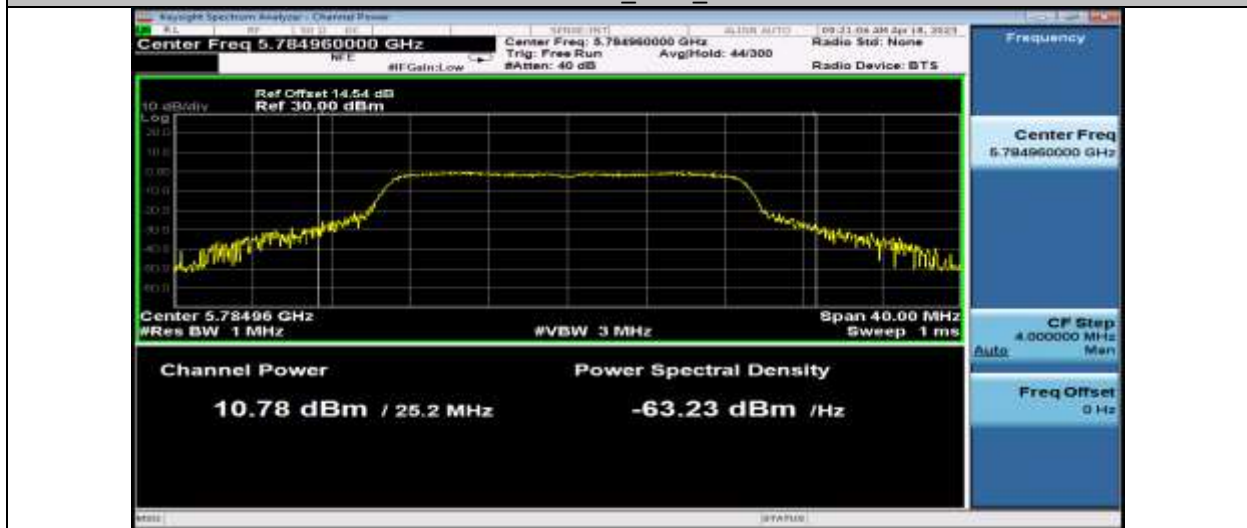
11N20SISO_Ant1_5200



11N20SISO_Ant1_5240



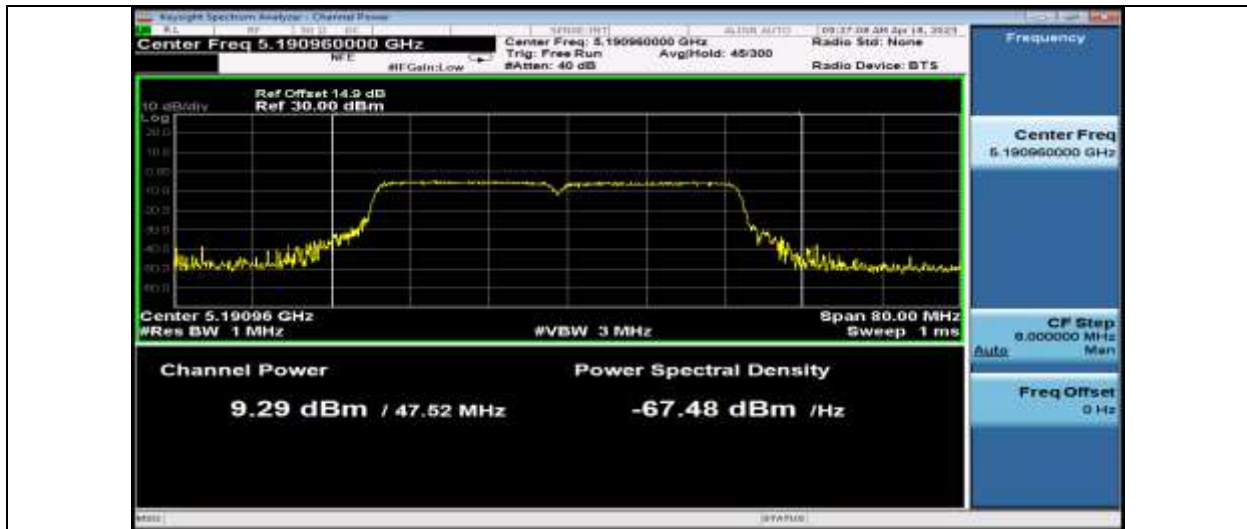
11N20SISO_Ant1_5745



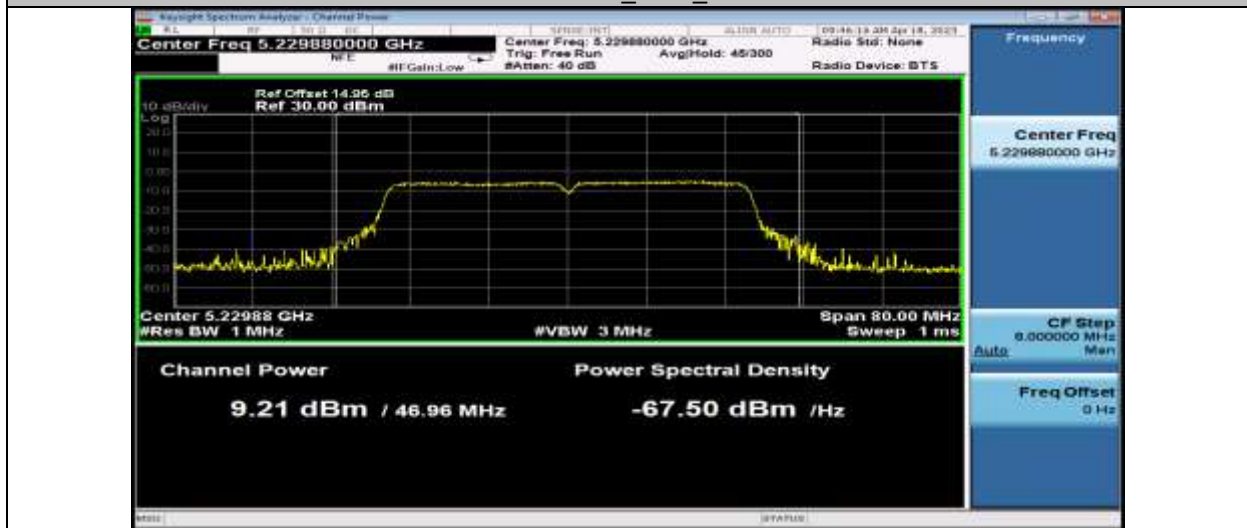
11N20SISO_Ant1_5785



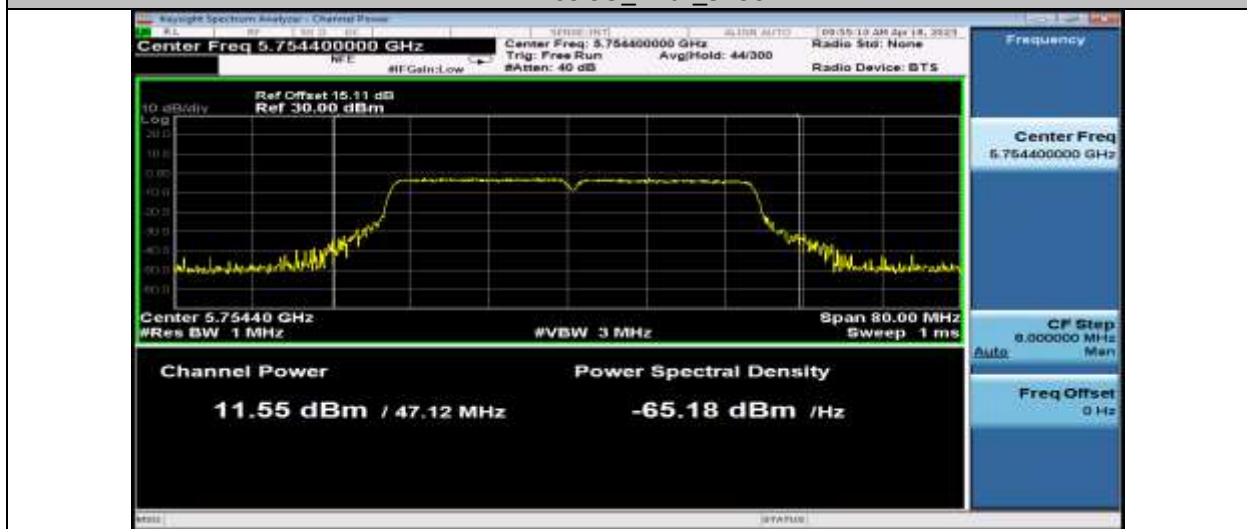
11N20SISO_Ant1_5825



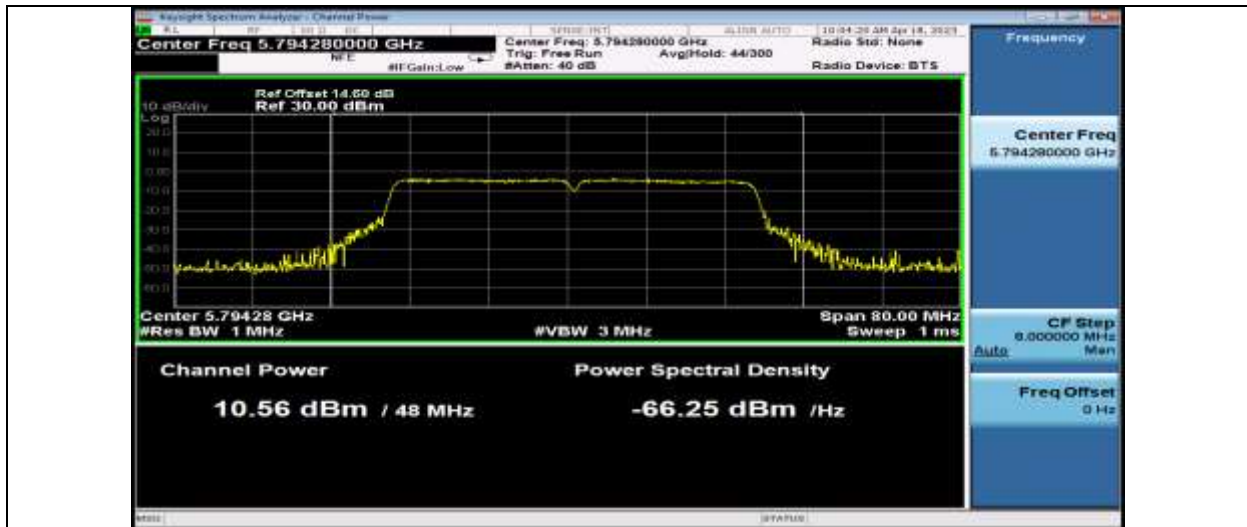
11N40SISO_Ant1_5190



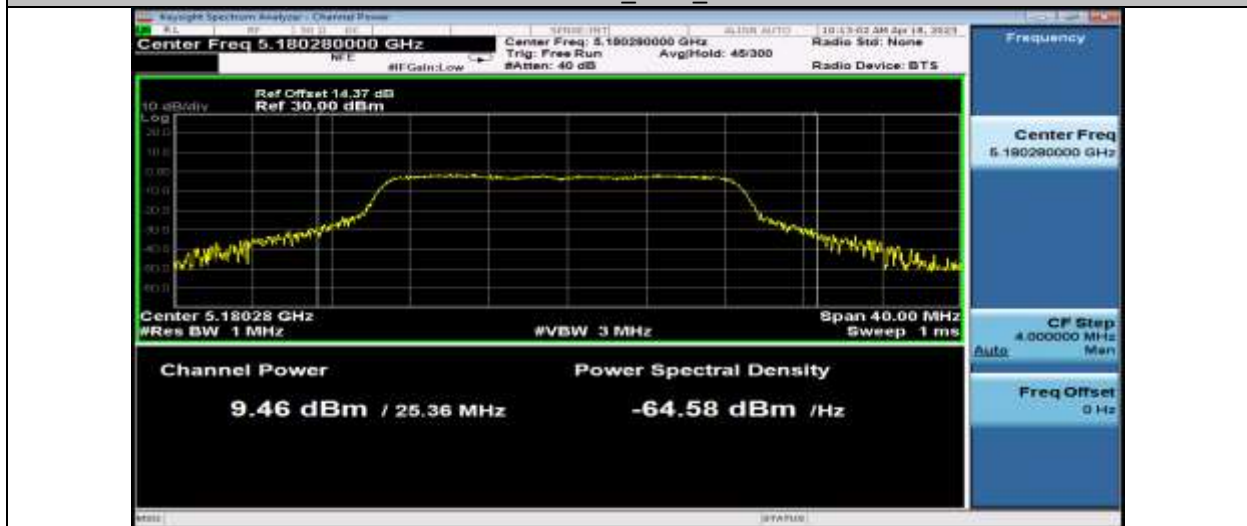
11N40SISO_Ant1_5230



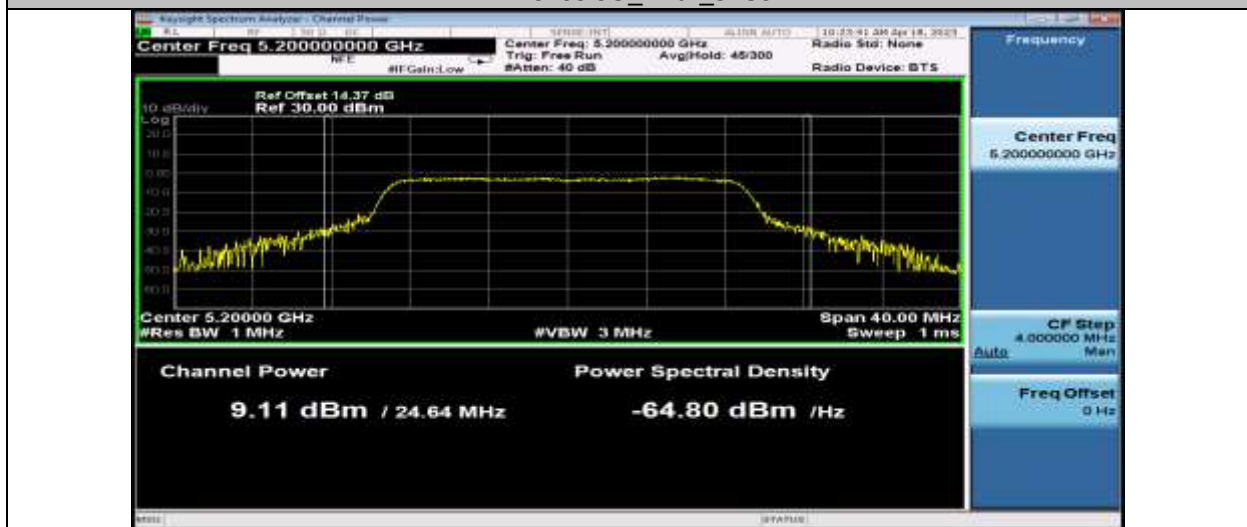
11N40SISO_Ant1_5755



11N40SISO_Ant1_5795



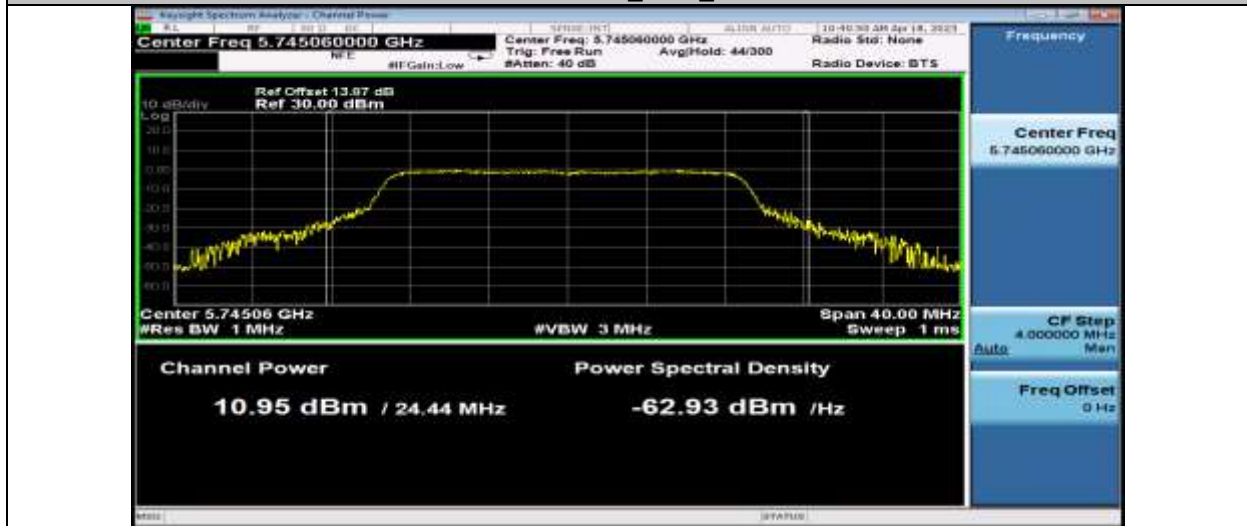
11AC20SISO_Ant1_5180



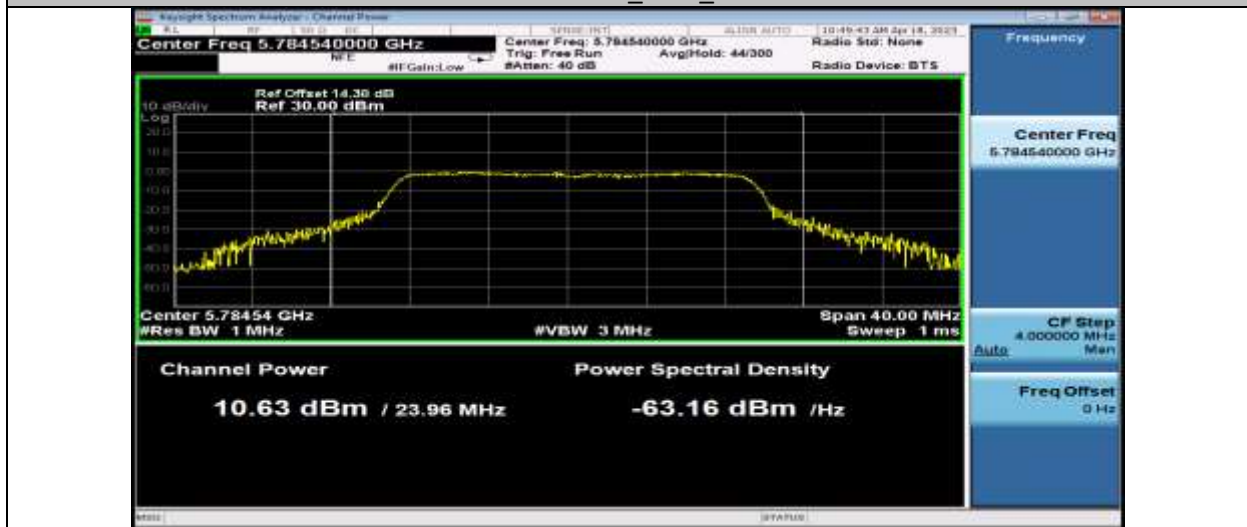
11AC20SISO_Ant1_5200



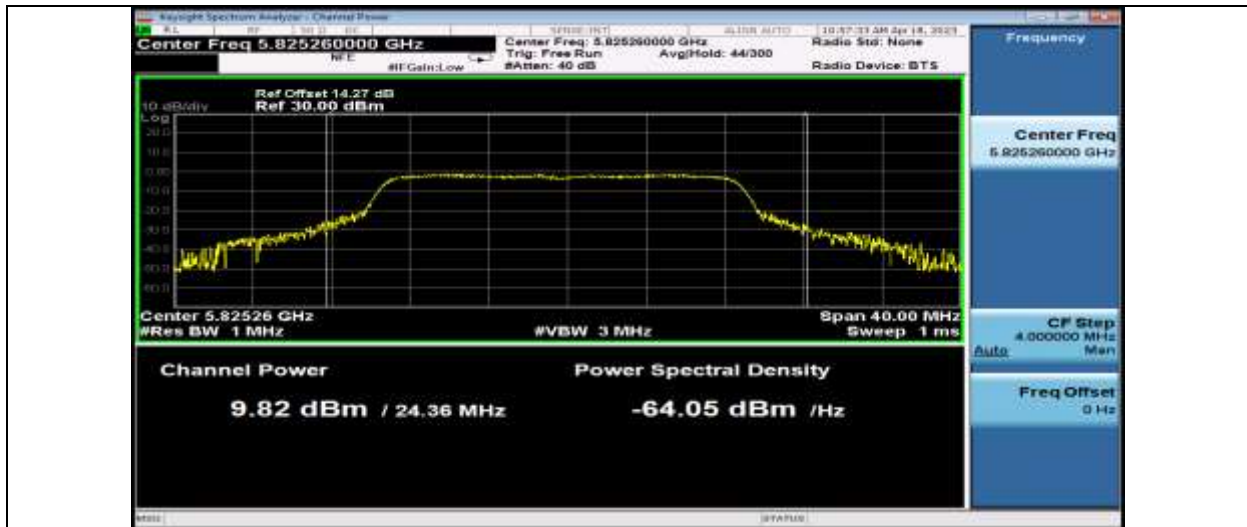
11AC20SISO_Ant1_5240



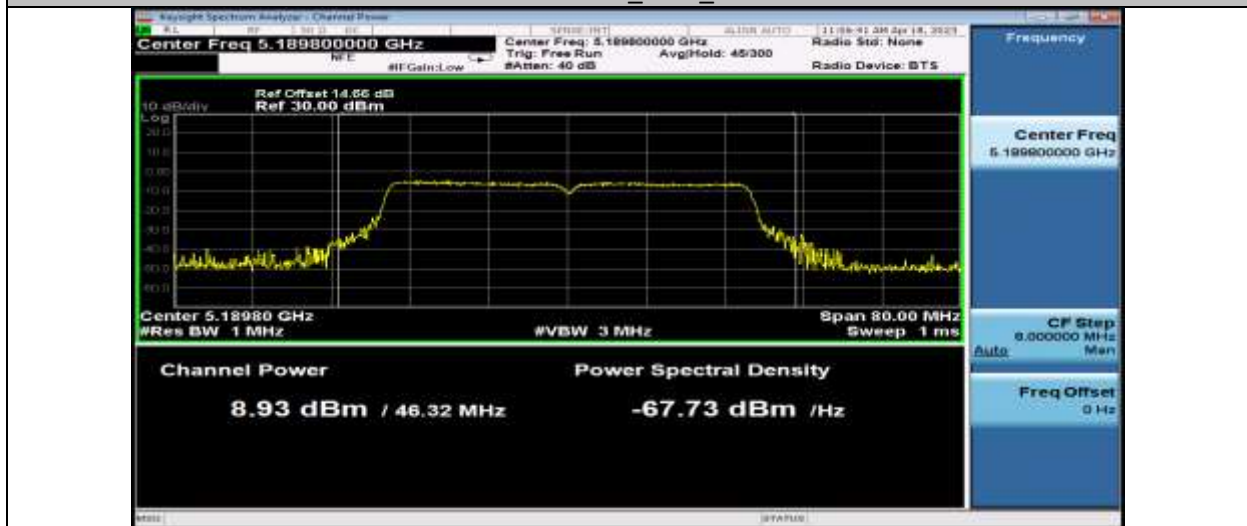
11AC20SISO_Ant1_5745



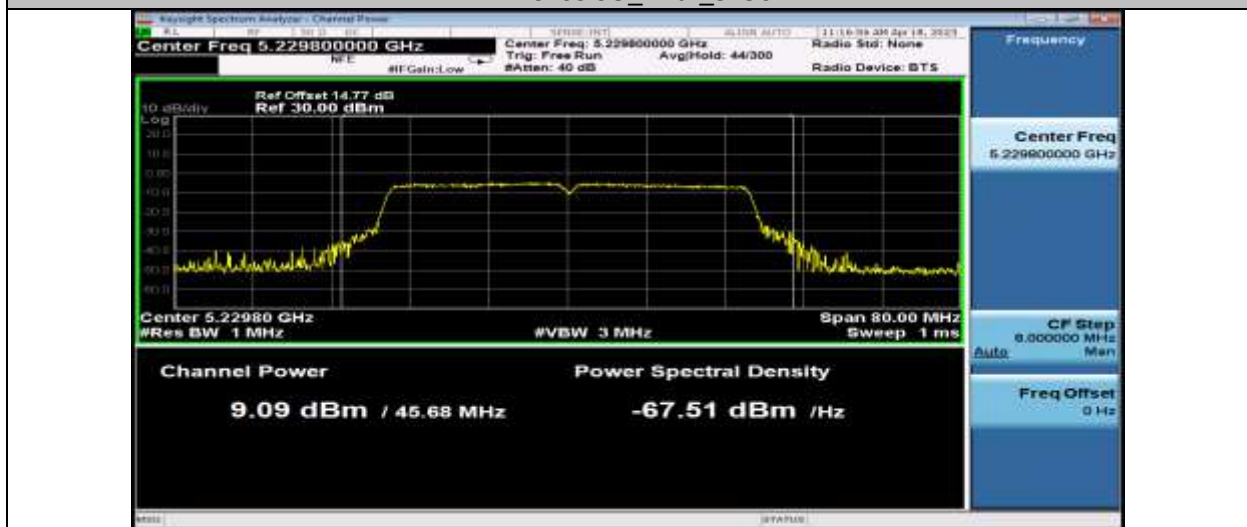
11AC20SISO_Ant1_5785



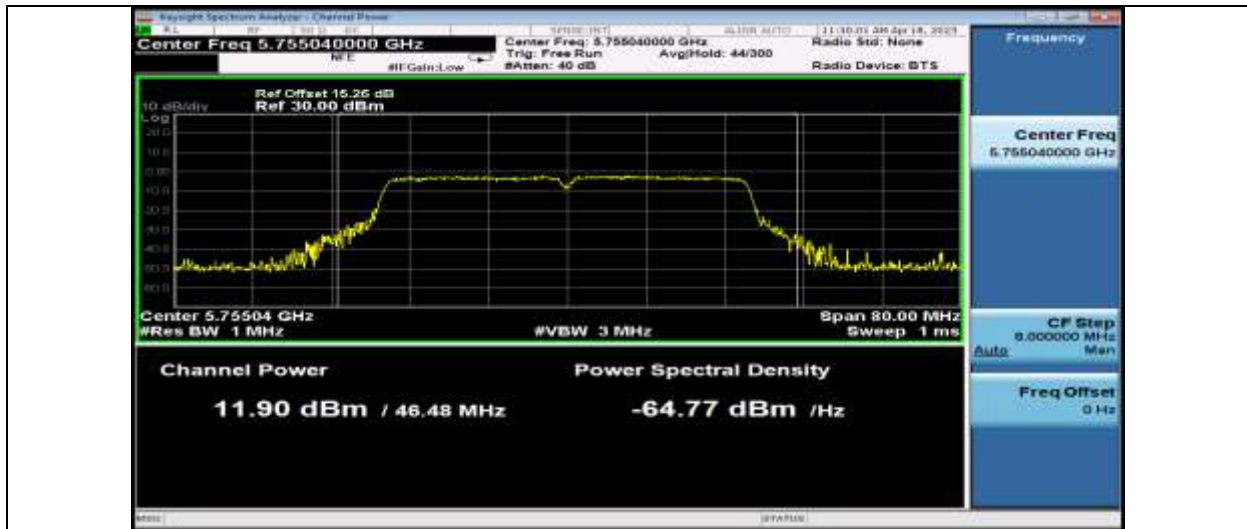
11AC20SISO_Ant1_5825



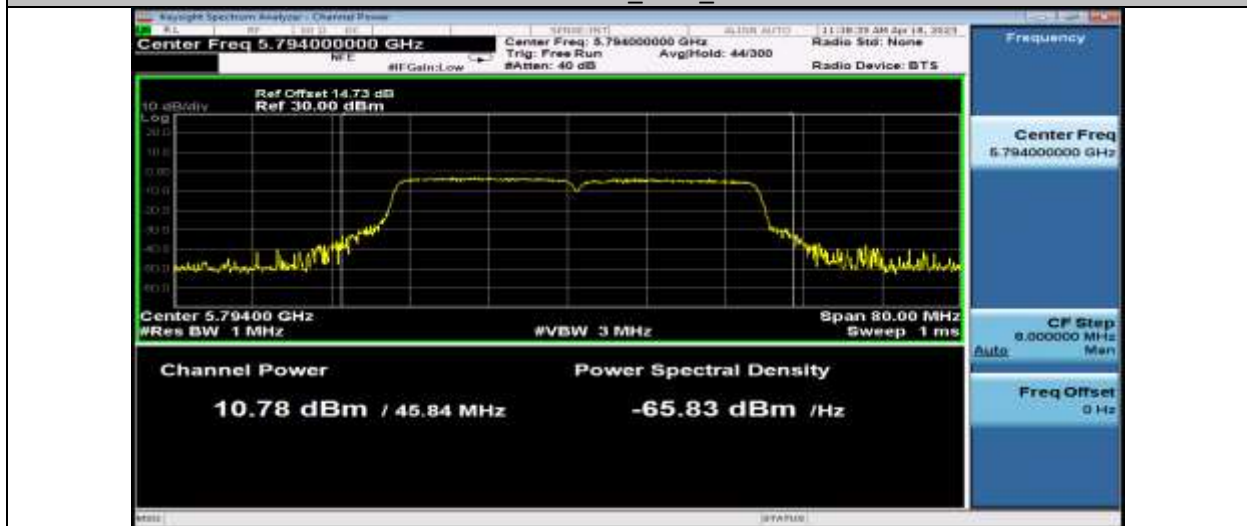
11AC40SISO_Ant1_5190



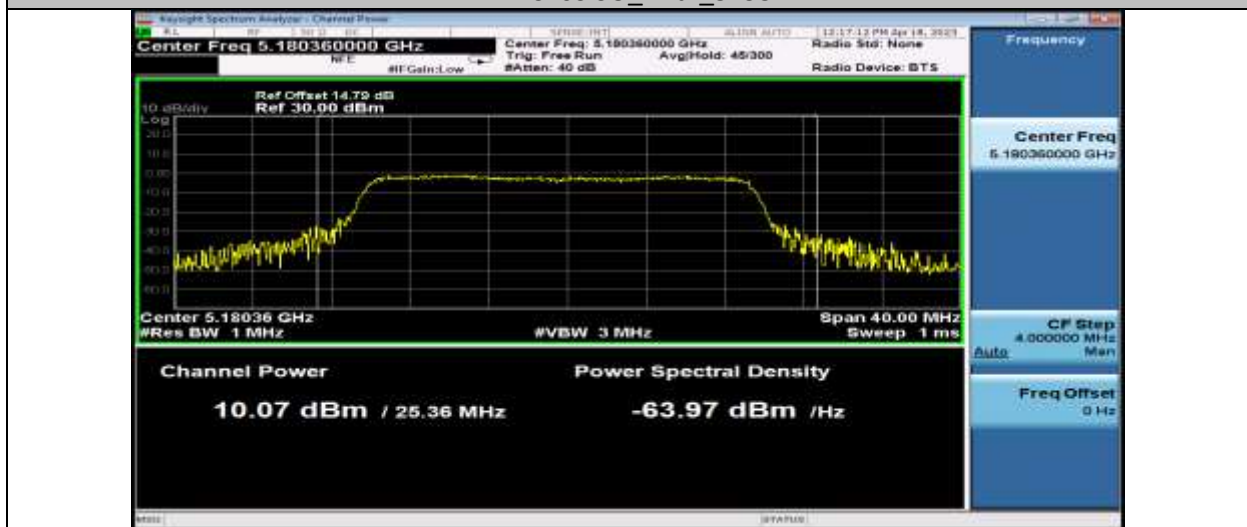
11AC40SISO_Ant1_5230



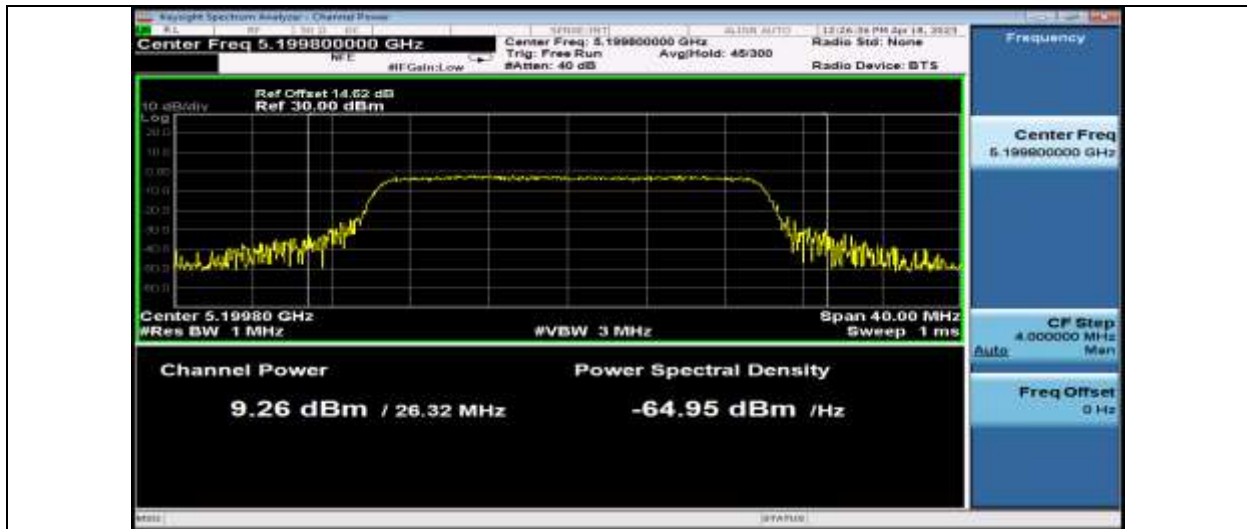
11AC40SISO_Ant1_5755



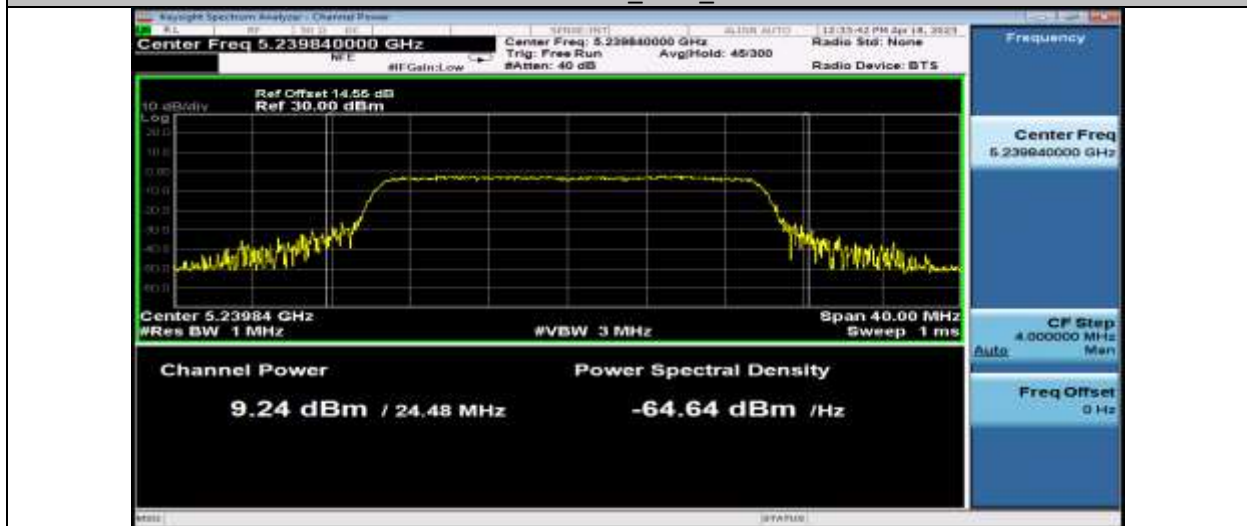
11AC40SISO_Ant1_5795



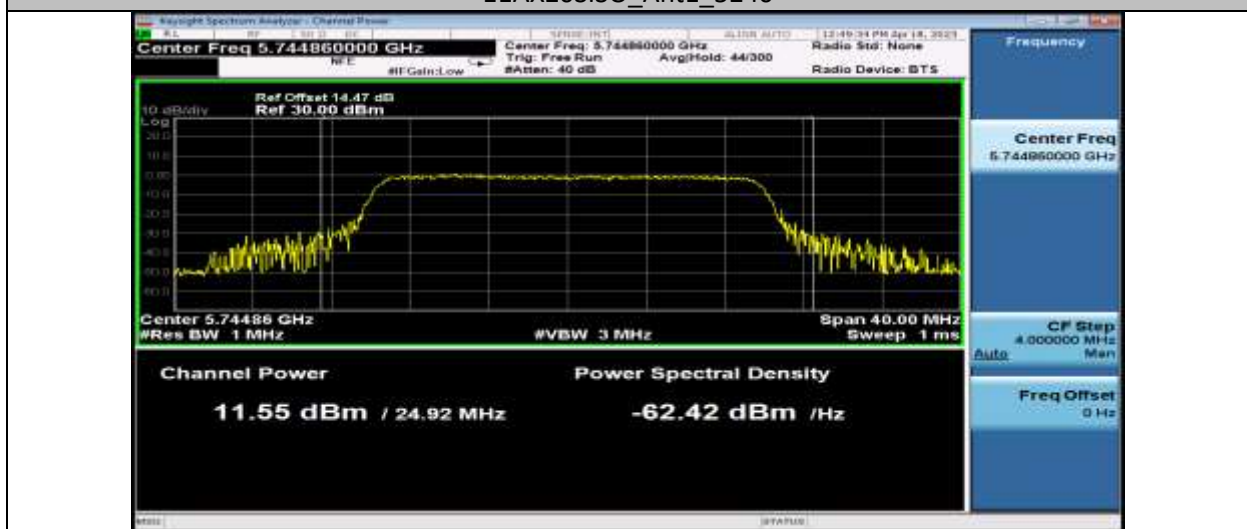
11AX20SISO_Ant1_5180



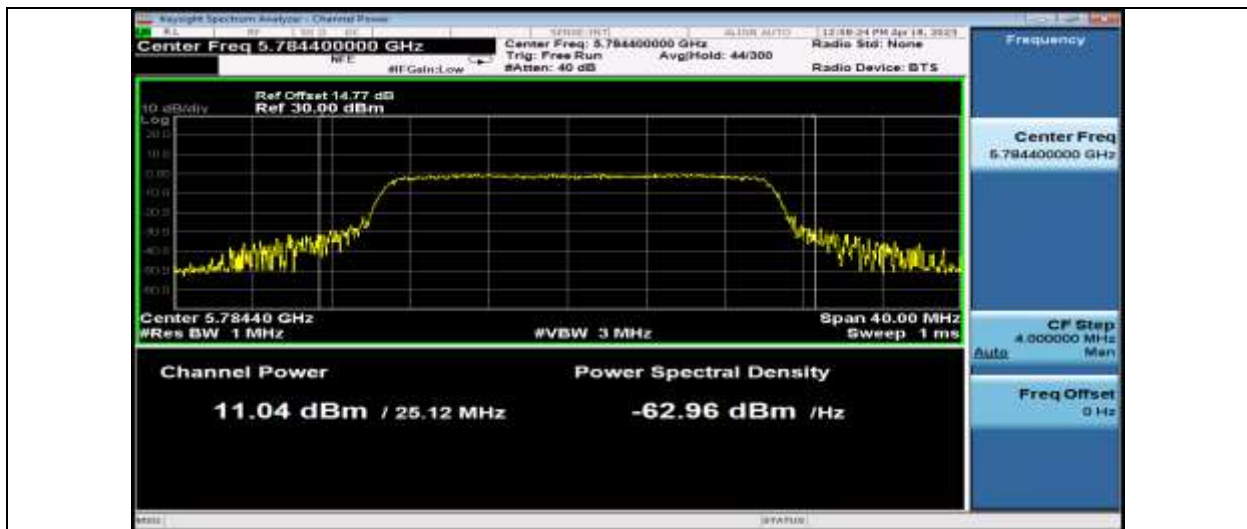
11AX20SISO_Ant1_5200



11AX20SISO_Ant1_5240



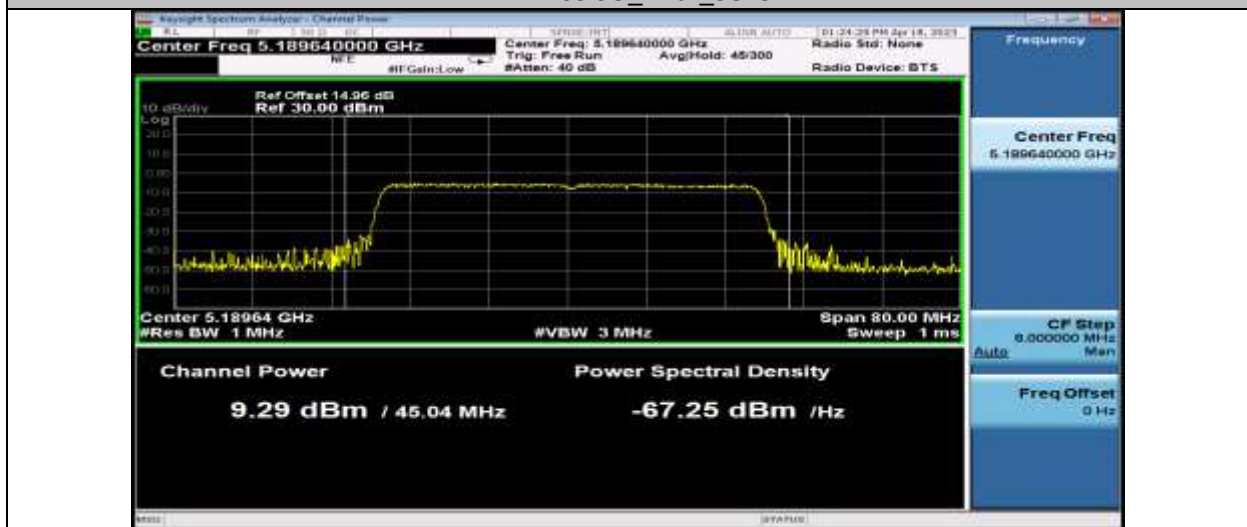
11AX20SISO_Ant1_5745



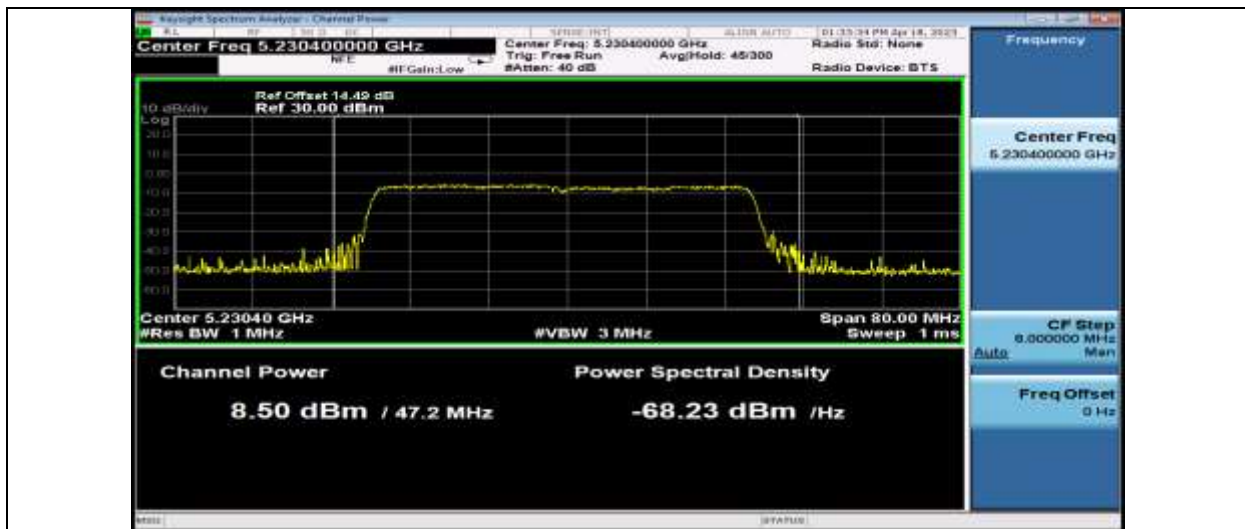
11AX20SISO_Ant1_5785



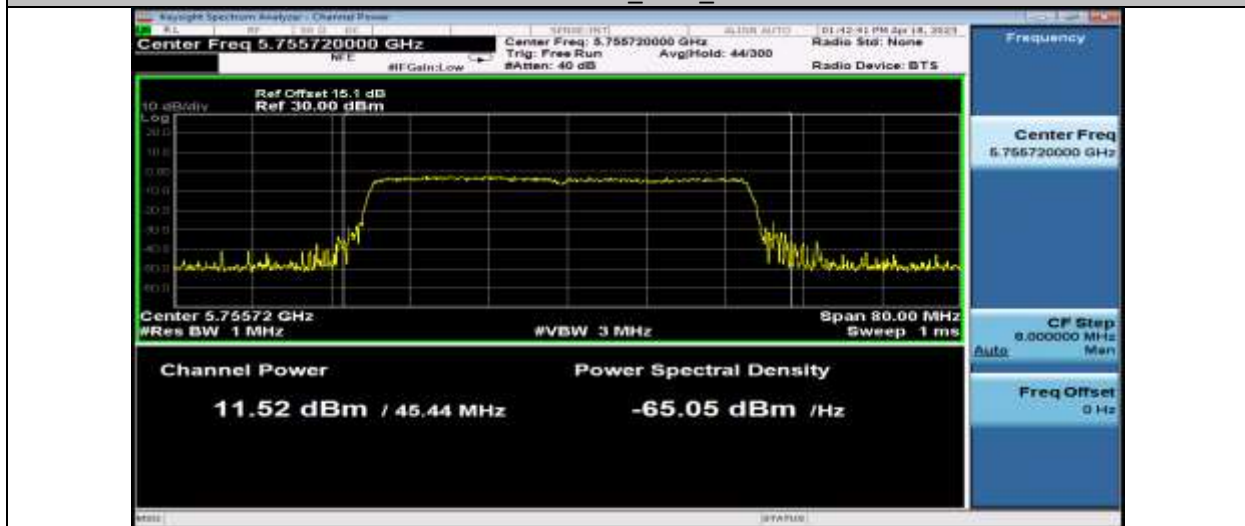
11AX20SISO_Ant1_5825



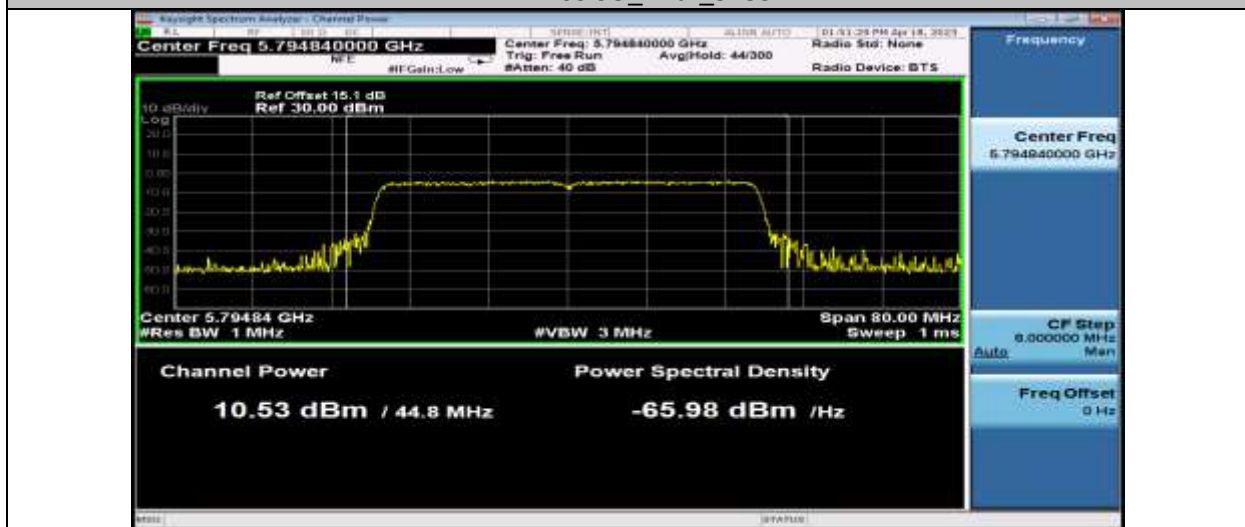
11AX40SISO_Ant1_5190



11AX40ISO_Ant1_5230



11AX40ISO_Ant1_5755



11AX40ISO_Ant1_5795

11.6 Maximum power spectral density

11.6.1 Test Data

Test Mode	Antenna	Frequency [MHz]	Result [dBm/MHz]	Total [dBm/MHz]	Limit [dBm/MHz]	EIRP [dBm/MHz]	IC Limit [dBm/MHz]	Verdict
11A	Ant1	5180	-1.06	-1.06	≤11.00	3.14	≤10.00	PASS
		5200	-0.85	-0.85	≤11.00	3.35	≤10.00	PASS
		5240	-0.86	-0.86	≤11.00	3.34	≤10.00	PASS
		5745	-1.74	-1.74	≤30.00	2.46	≤30.00	PASS
		5785	-2.41	-2.41	≤30.00	1.79	≤30.00	PASS
		5825	-3.34	-3.34	≤30.00	0.86	≤30.00	PASS
11N20 SISO	Ant1	5180	-0.65	-0.65	≤11.00	3.55	≤10.00	PASS
		5200	-1.49	-1.49	≤11.00	2.71	≤10.00	PASS
		5240	-0.26	-0.26	≤11.00	3.94	≤10.00	PASS
		5745	-2.05	-2.05	≤30.00	2.15	≤30.00	PASS
		5785	-2.23	-2.23	≤30.00	1.97	≤30.00	PASS
		5825	-3.23	-3.23	≤30.00	0.97	≤30.00	PASS
11N40 SISO	Ant1	5190	-3.29	-3.29	≤11.00	0.91	≤10.00	PASS
		5230	-4.18	-4.18	≤11.00	0.02	≤10.00	PASS
		5755	-4.54	-4.54	≤30.00	-0.34	≤30.00	PASS
		5795	-5.94	-5.94	≤30.00	-1.74	≤30.00	PASS
11AC20 SISO	Ant1	5180	-0.6	-0.6	≤11.00	3.60	≤10.00	PASS
		5200	-1.55	-1.55	≤11.00	2.65	≤10.00	PASS
		5240	-1.23	-1.23	≤11.00	2.97	≤10.00	PASS
		5745	-2.09	-2.09	≤30.00	2.11	≤30.00	PASS
		5785	-2.32	-2.32	≤30.00	1.88	≤30.00	PASS
		5825	-3.7	-3.7	≤30.00	0.50	≤30.00	PASS
11AC40 SISO	Ant1	5190	-3.83	-3.83	≤11.00	0.37	≤10.00	PASS
		5230	-3.67	-3.67	≤11.00	0.53	≤10.00	PASS
		5755	-4.08	-4.08	≤30.00	0.12	≤30.00	PASS
		5795	-5.19	-5.19	≤30.00	-0.99	≤30.00	PASS
11AX20 SISO	Ant1	5180	-0.93	-0.93	≤11.00	3.27	≤10.00	PASS
		5200	-1.01	-1.01	≤11.00	3.19	≤10.00	PASS
		5240	-1.35	-1.35	≤11.00	2.85	≤10.00	PASS
		5745	-1.74	-1.74	≤30.00	2.46	≤30.00	PASS
		5785	-2.24	-2.24	≤30.00	1.96	≤30.00	PASS
		5825	-2.24	-2.24	≤30.00	1.96	≤30.00	PASS
11AX40 SISO	Ant1	5190	-3.62	-3.62	≤11.00	0.58	≤10.00	PASS
		5230	-4.6	-4.6	≤11.00	-0.40	≤10.00	PASS
		5755	-3.89	-3.89	≤30.00	0.31	≤30.00	PASS
		5795	-5.2	-5.2	≤30.00	-1.00	≤30.00	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.

11.6.2 Test Graphs



11A_Ant1_5180



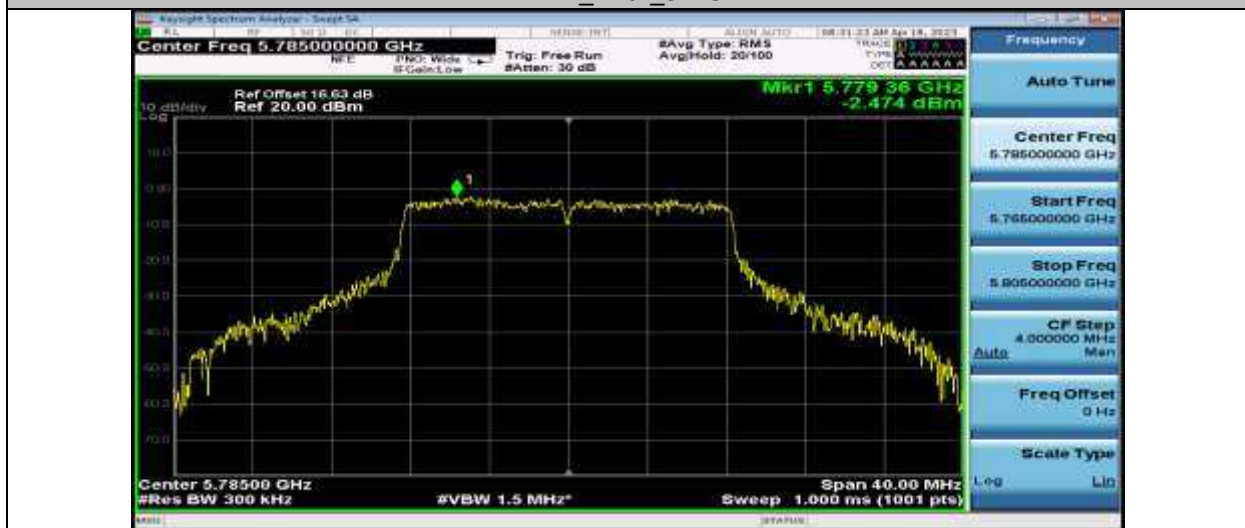
11A_Ant1_5200



11A_Ant1_5240



11A_Ant1_5745



11A_Ant1_5785



11A_Ant1_5825



11N20SISO_Ant1_5180



11N20SISO_Ant1_5200



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_5200