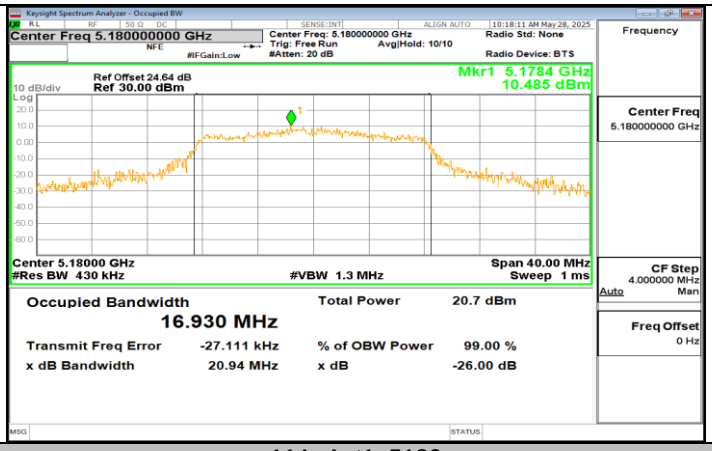
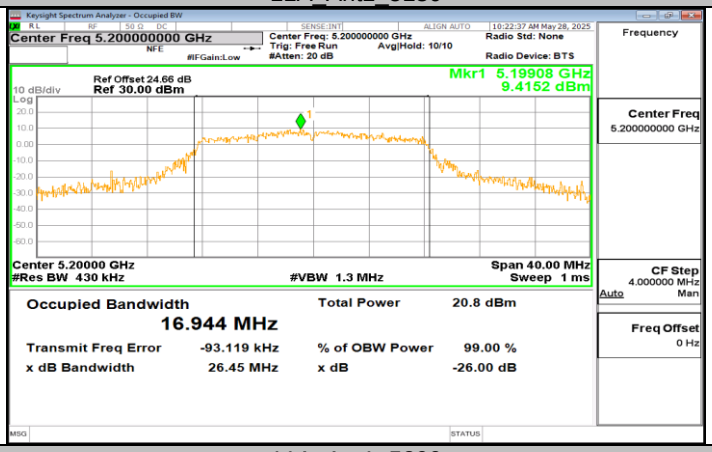
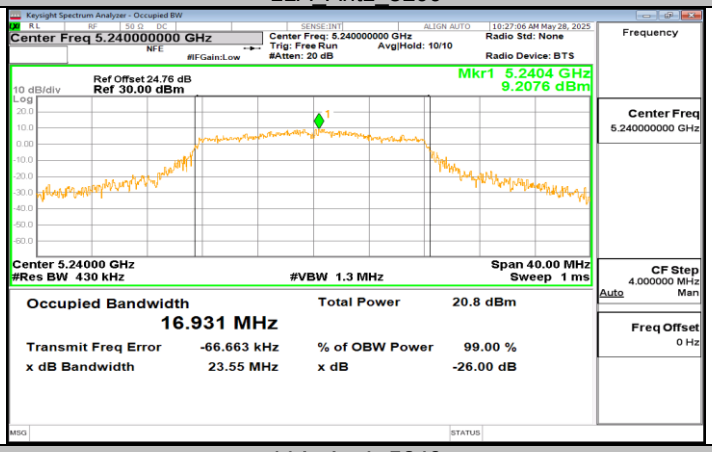
11.2.2. Test Graphs



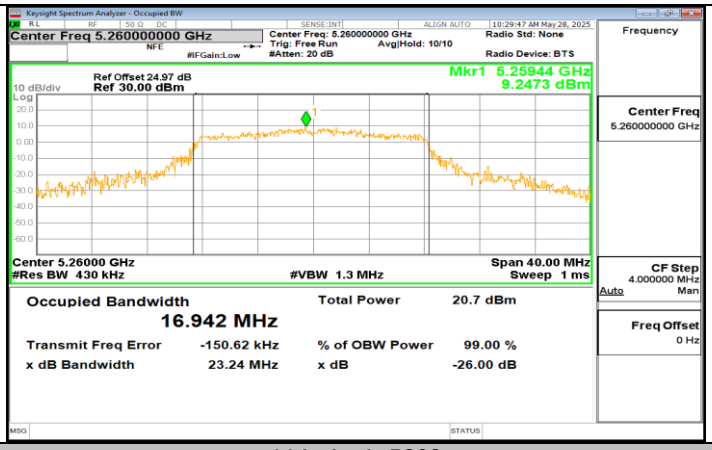
11A_Ant1_5180



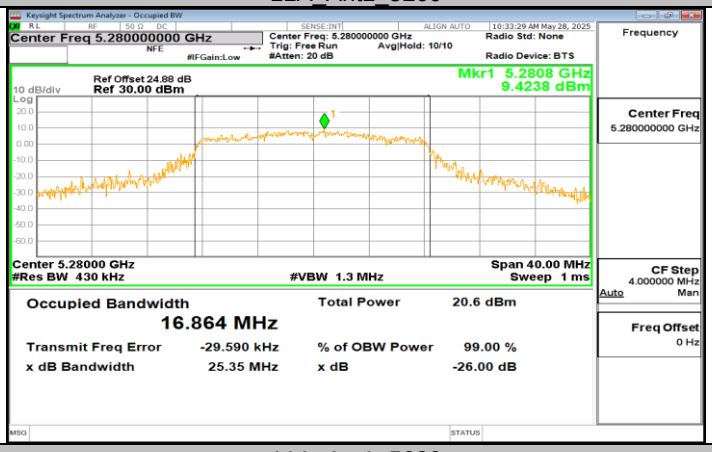
11A_Ant1_5200



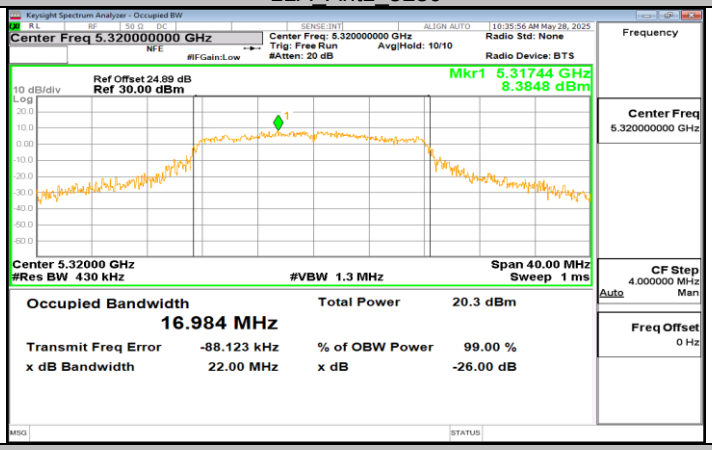
11A_Ant1_5240



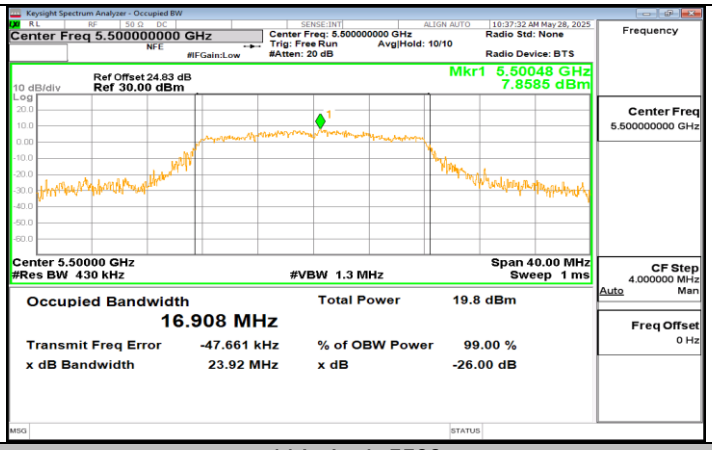
11A_Ant1_5260



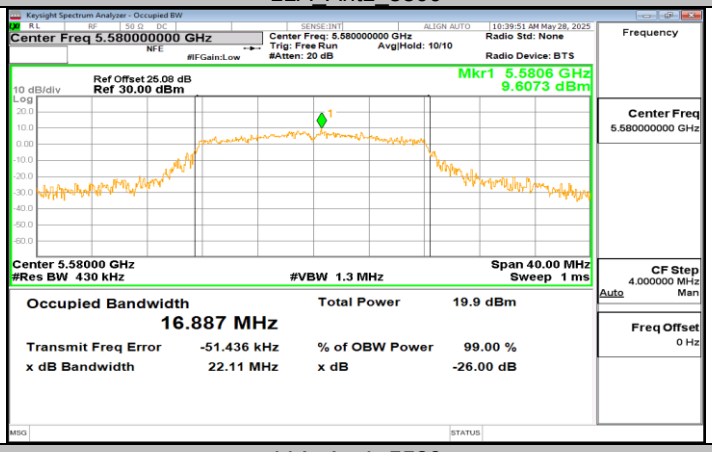
11A_Ant1_5280



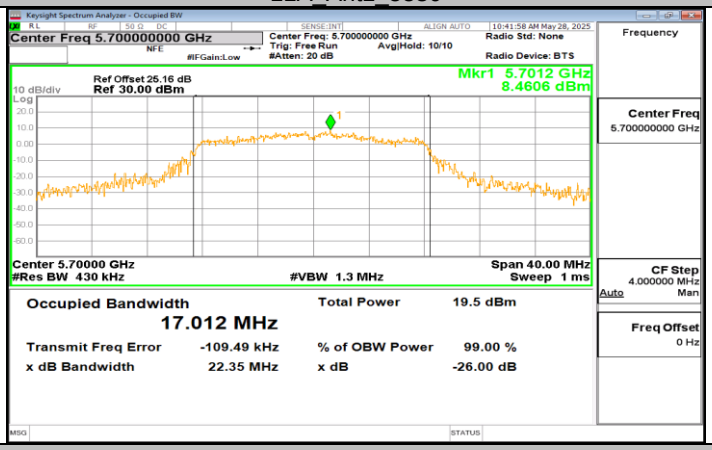
11A_Ant1_5320



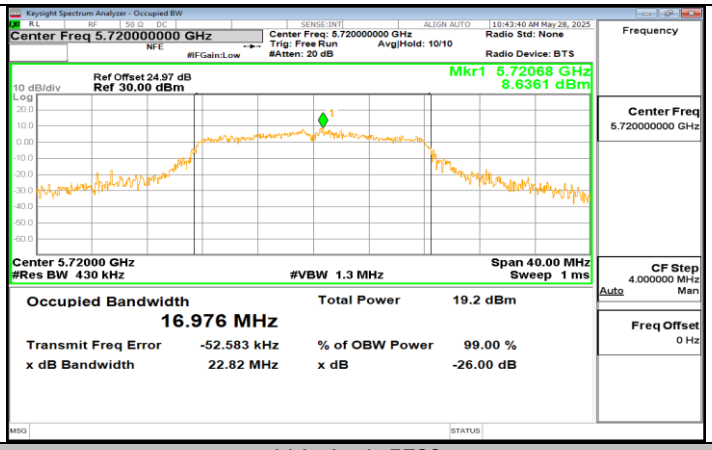
11A_Ant1_5500



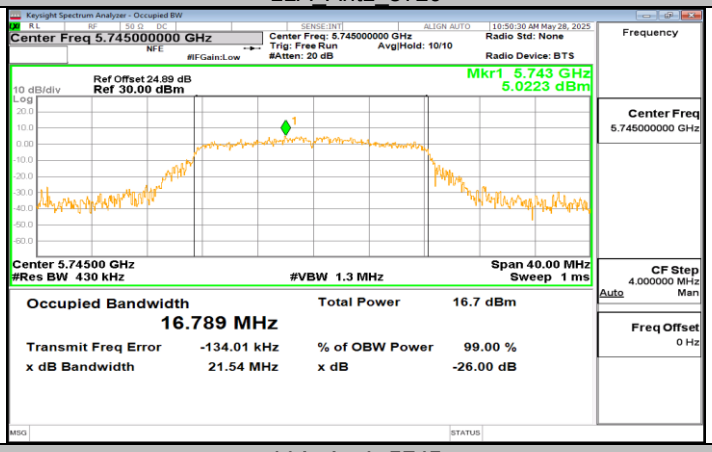
11A_Ant1_5580



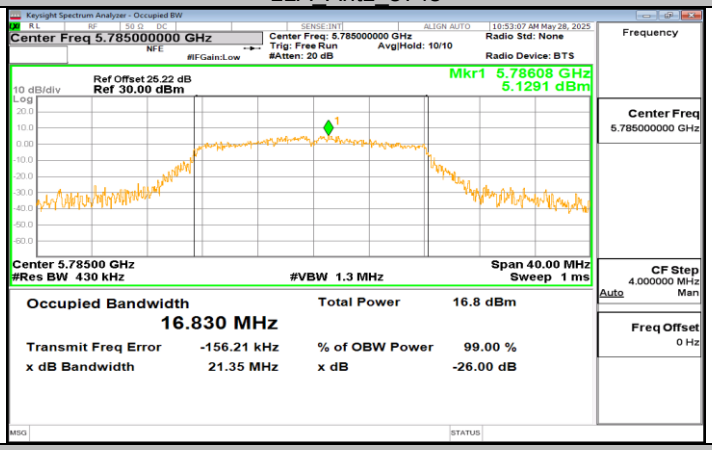
11A_Ant1_5700



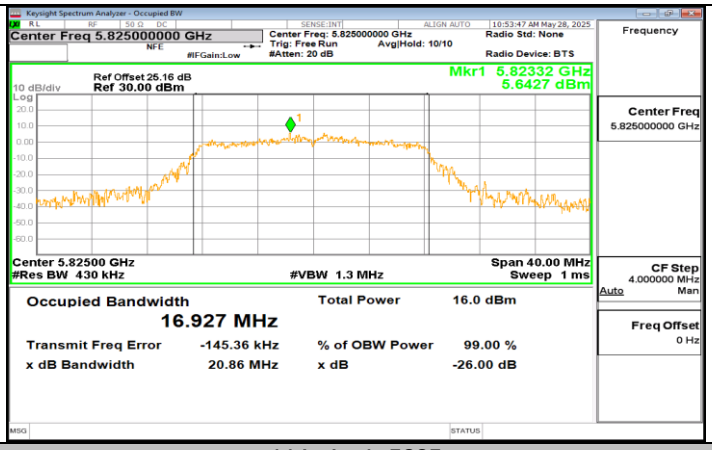
11A_Ant1_5720



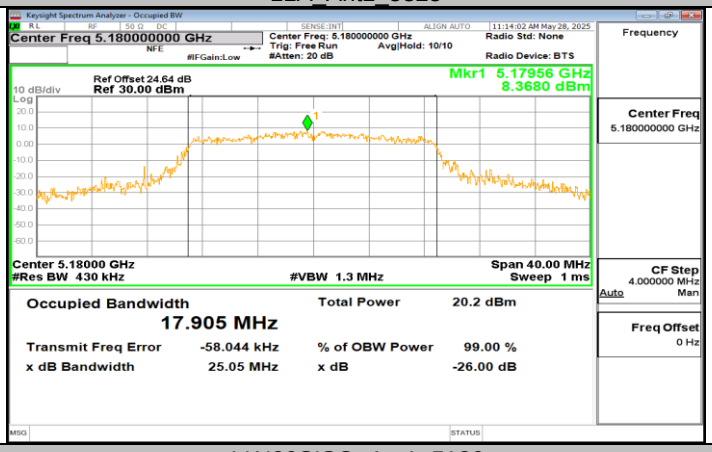
11A_Ant1_5745



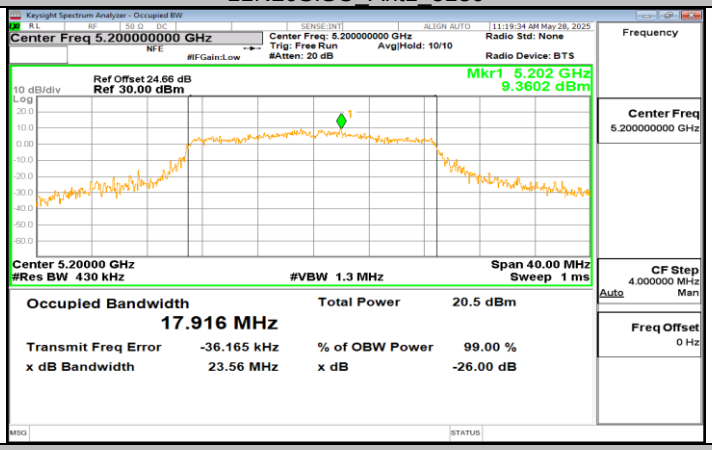
11A_Ant1_5785



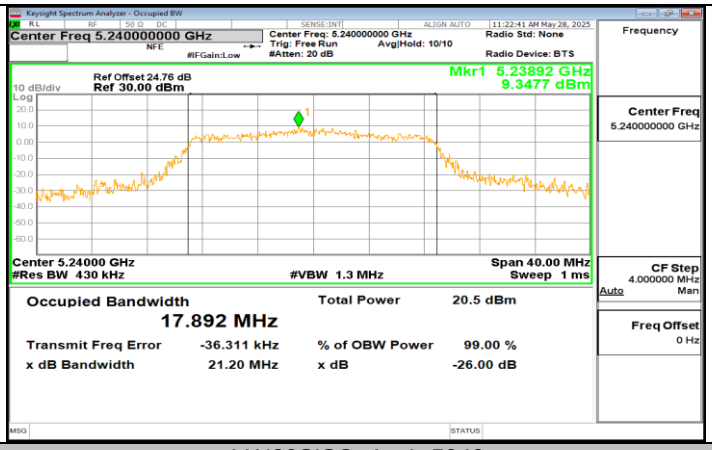
11A_Ant1_5825



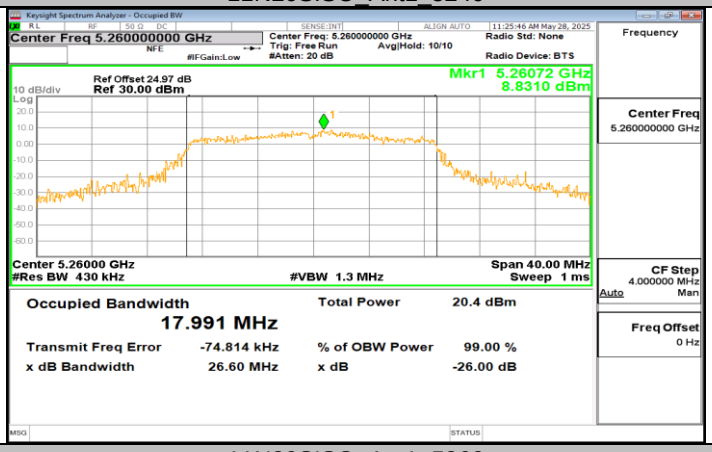
11N20SISO_Ant1_5180



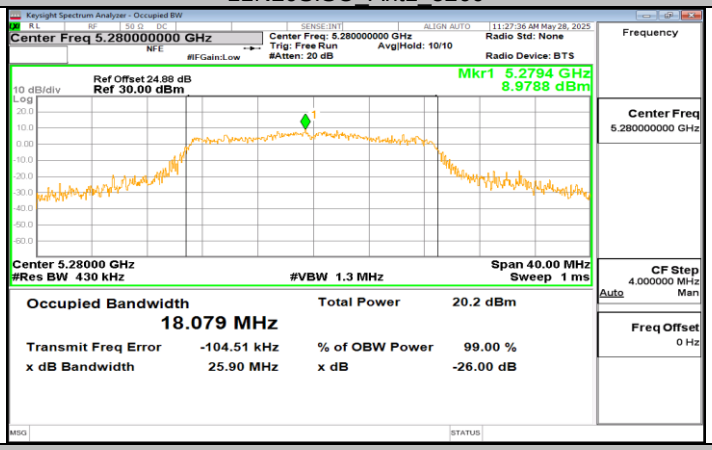
11N20SISO_Ant1_5200



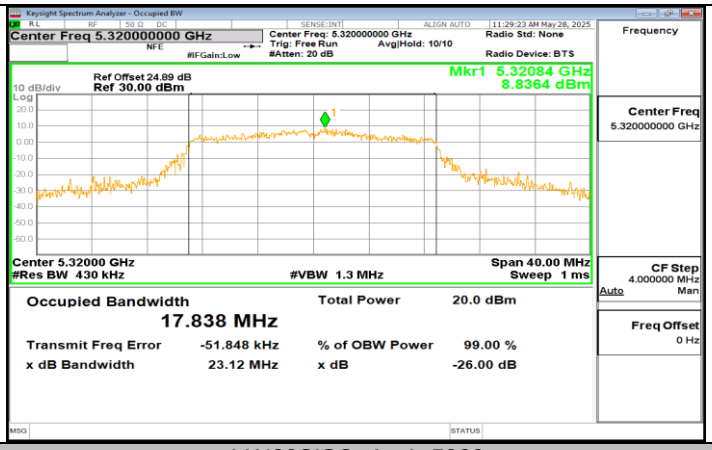
11N20SISO_Ant1_5240



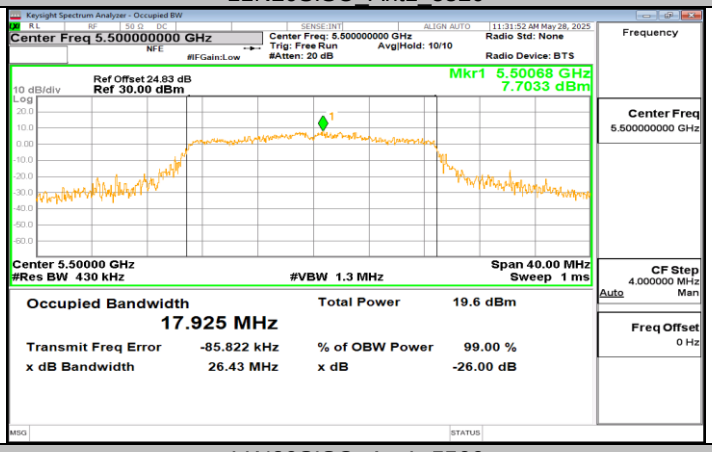
11N20SISO_Ant1_5260



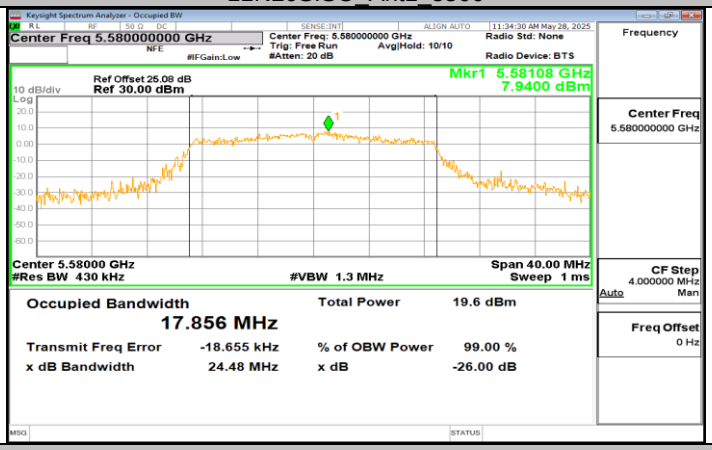
11N20SISO_Ant1_5280



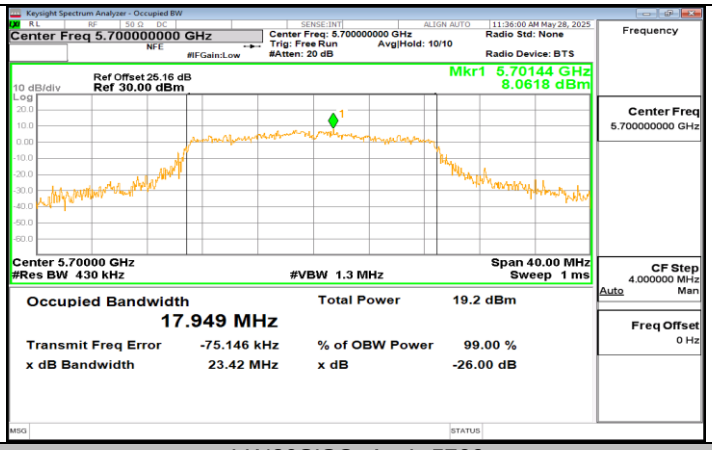
11N20SISO_Ant1_5320



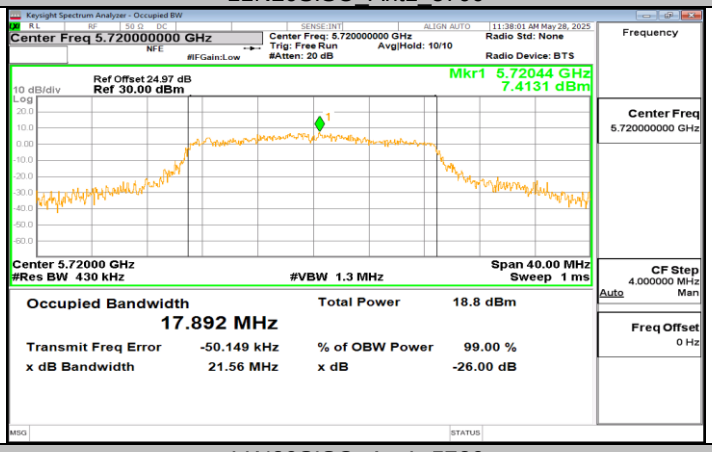
11N20SISO_Ant1_5500



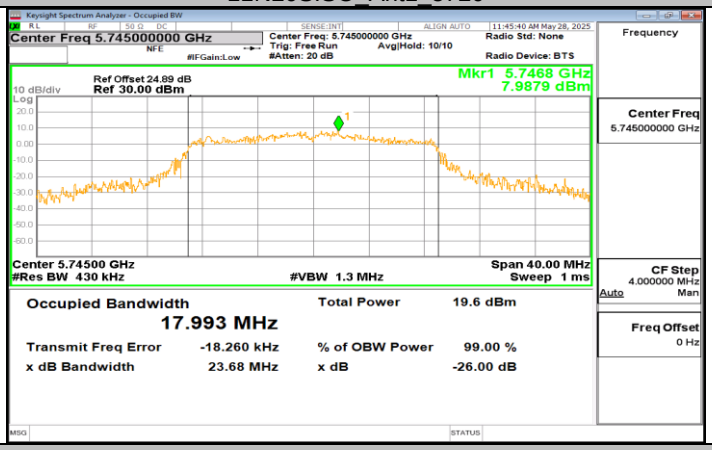
11N20SISO_Ant1_5580



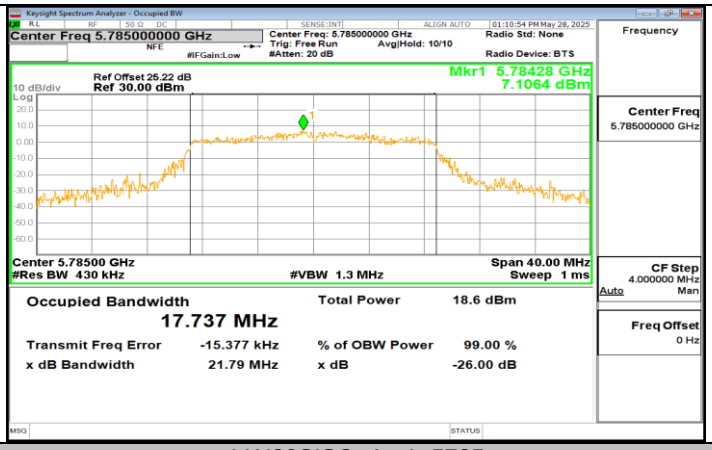
11N20SISO_Ant1_5700



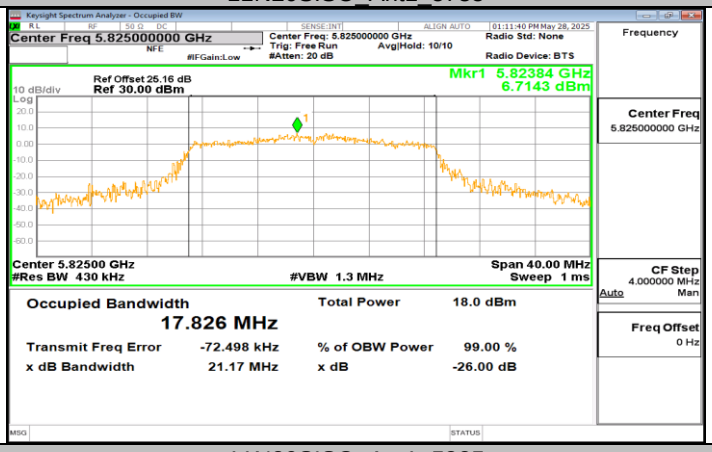
11N20SISO_Ant1_5720



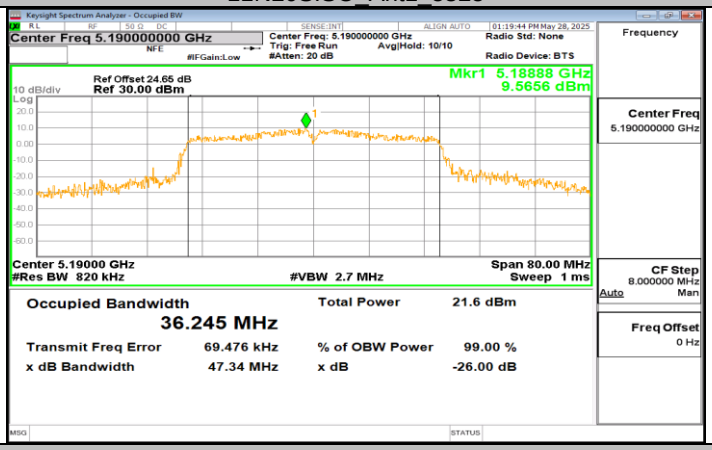
11N20SISO_Ant1_5745



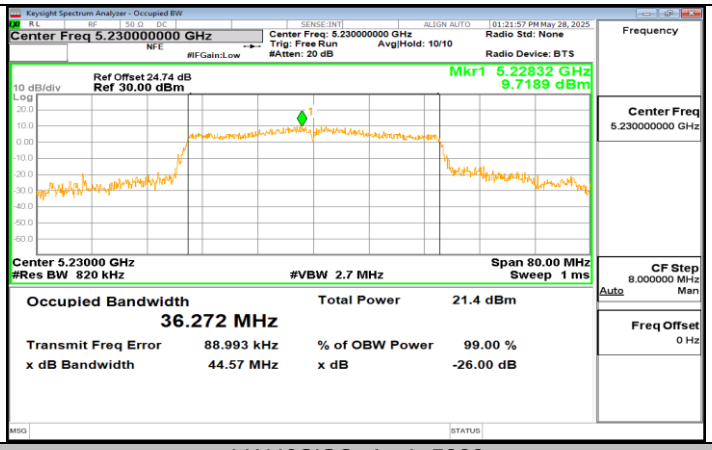
11N20SISO_Ant1_5785



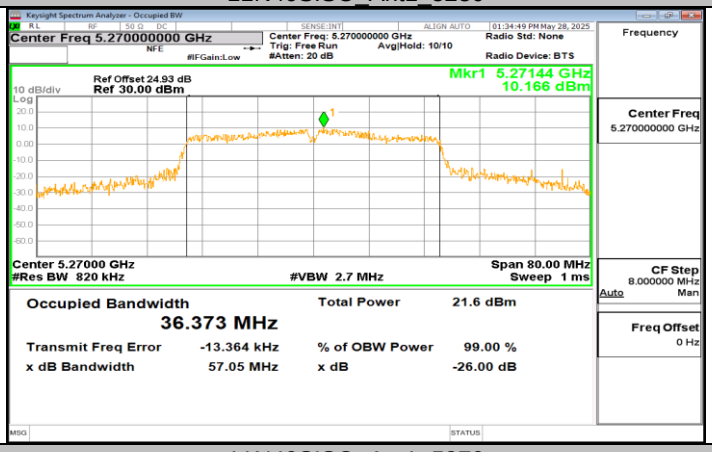
11N20SISO_Ant1_5825



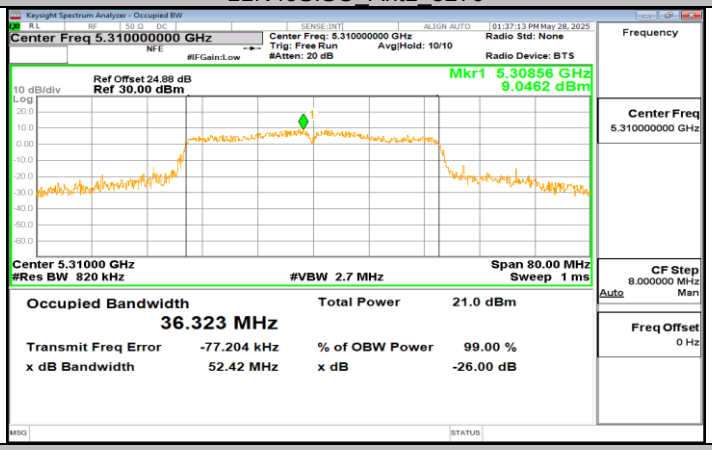
11N40SISO_Ant1_5190



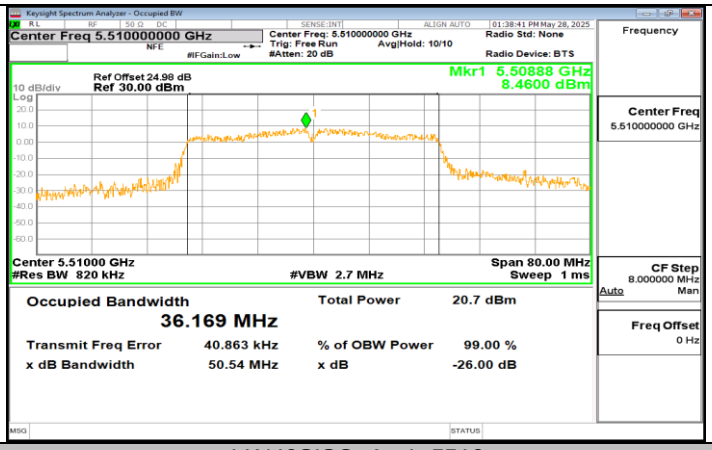
11N40SISO_Ant1_5230



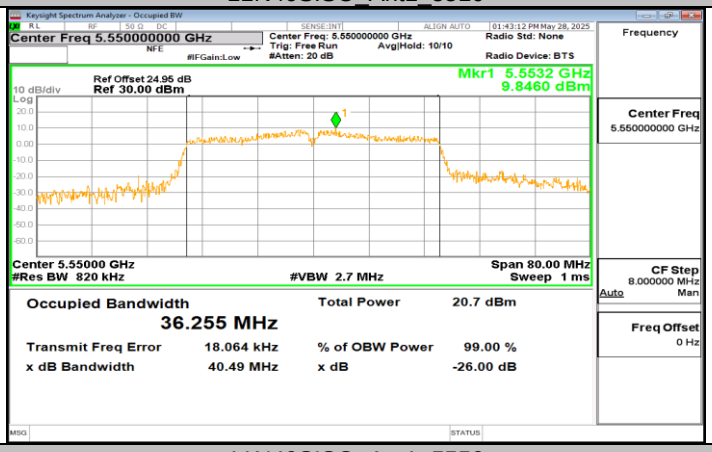
11N40SISO_Ant1_5270



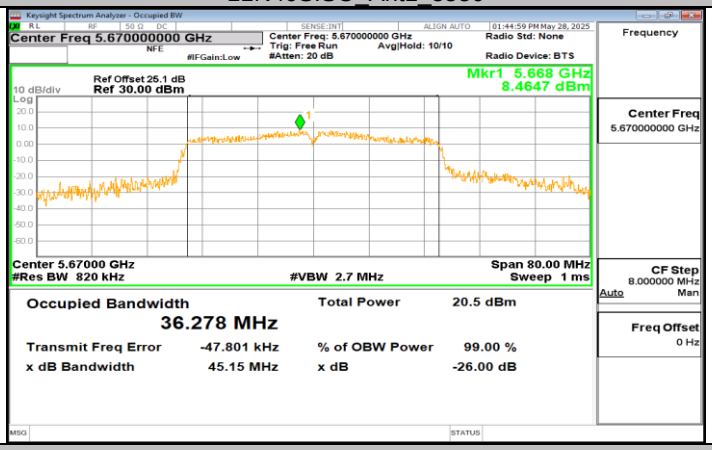
11N40SISO_Ant1_5310



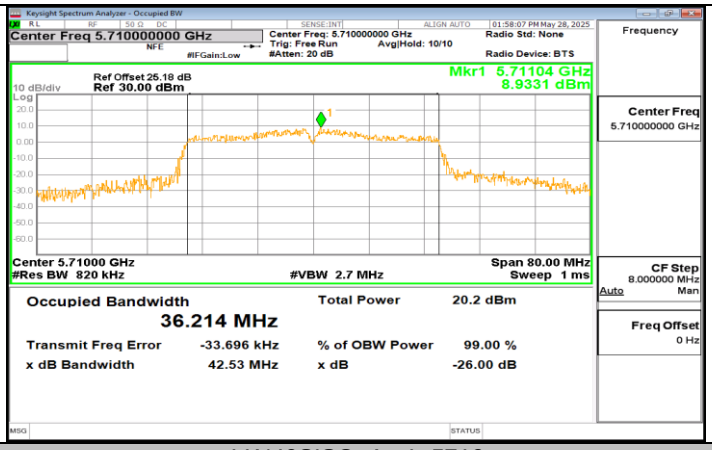
11N40SISO_Ant1_5510



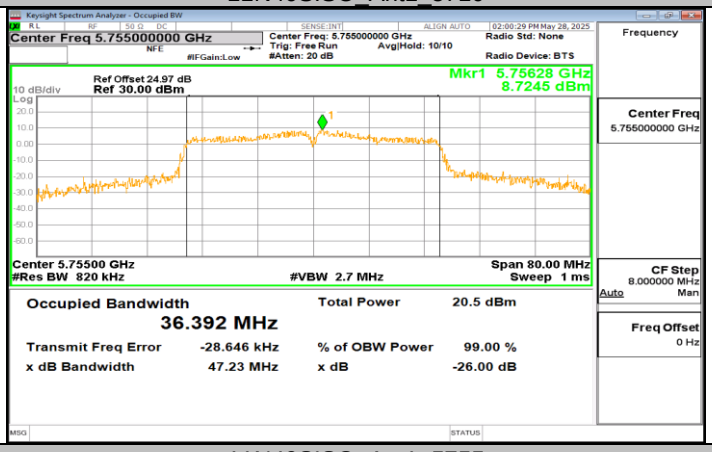
11N40SISO_Ant1_5550



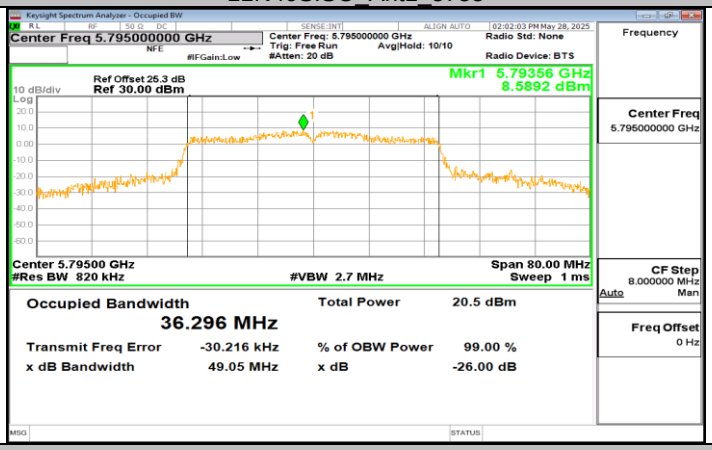
11N40SISO_Ant1_5670



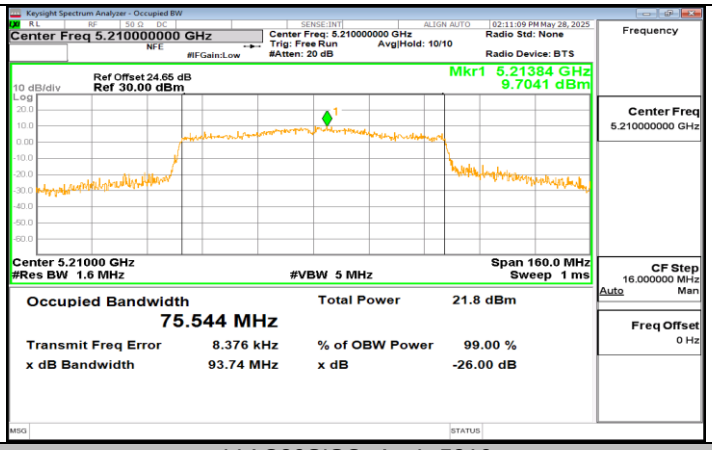
11N40SISO_Ant1_5710



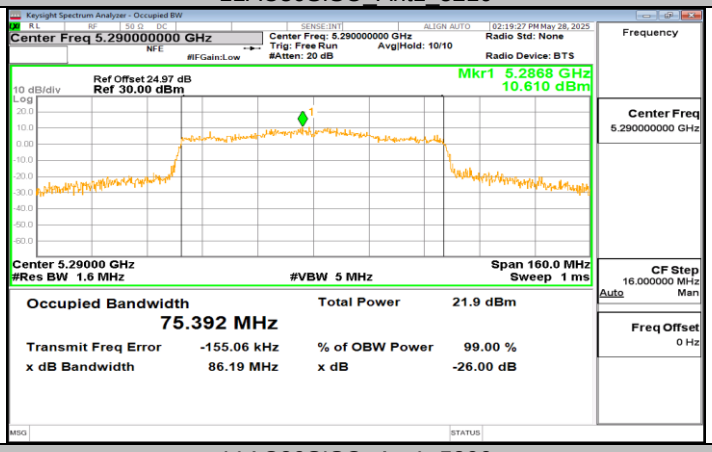
11N40SISO_Ant1_5755



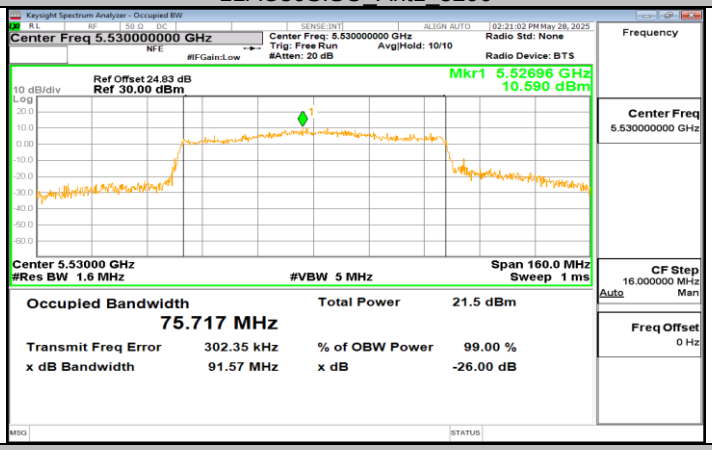
11N40SISO_Ant1_5795



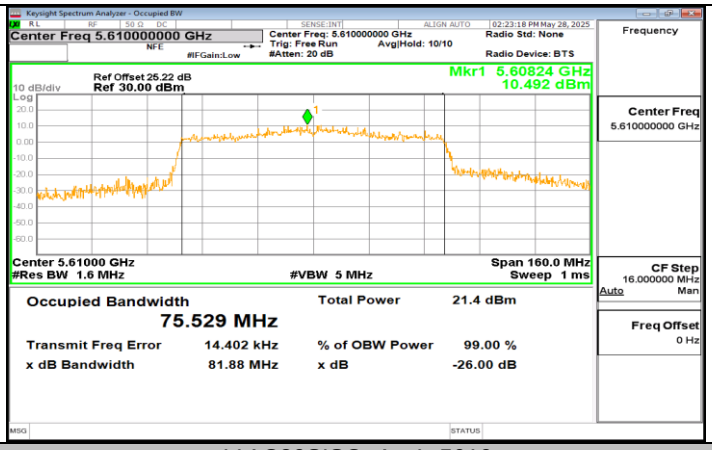
11AC80SISO_Ant1_5210



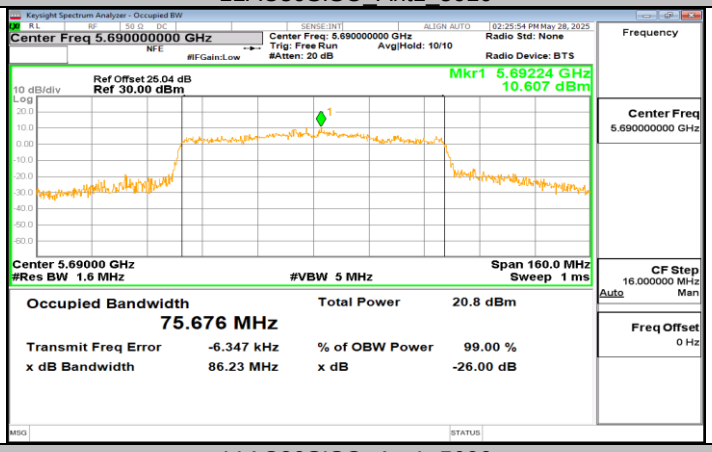
11AC80SISO_Ant1_5290



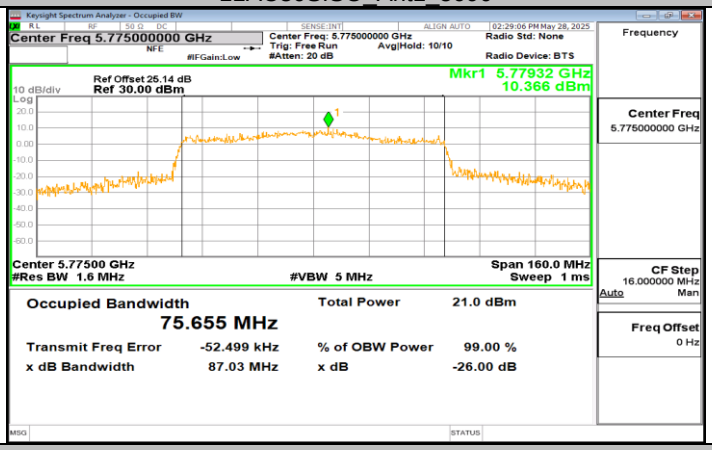
11AC80SISO_Ant1_5530



11AC80SISO_Ant1_5610



11AC80SISO_Ant1_5690



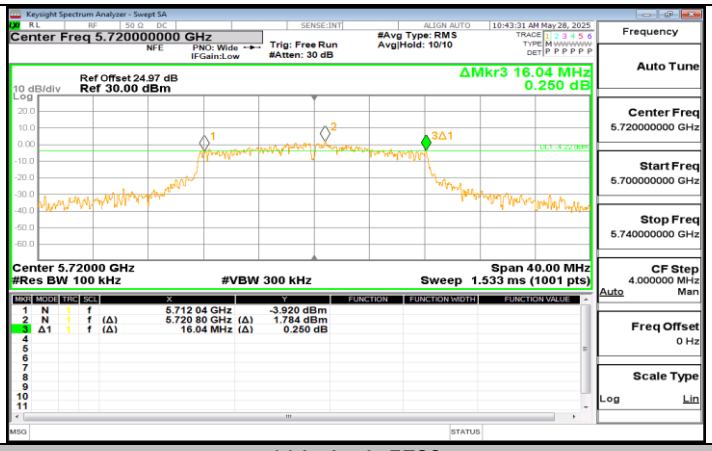
11AC80SISO_Ant1_5775

11.3. APPENDIX C: MIN EMISSION BANDWIDTH

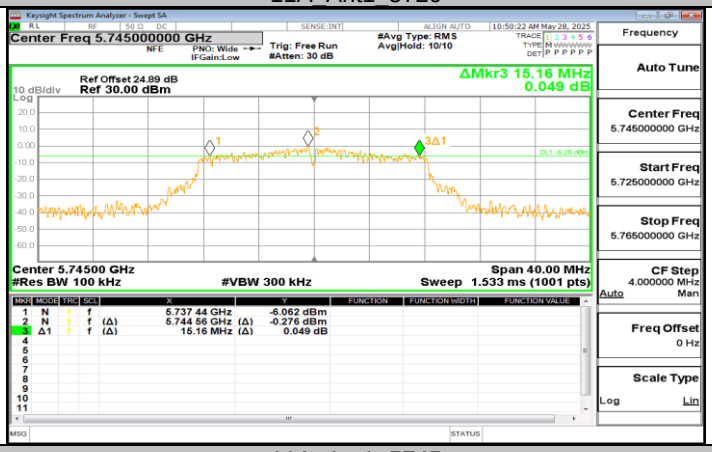
11.3.1. Test Result

Test Mode	Antenna	Frequency[MHz]	6db EBW [MHz]	FL[MHz]	FH[MHz]	Limit[MHz]	Verdict
11A	Ant1	5720	16.040	5712.040	5728.080	---	---
		5720_UNII-2C	12.96	5712.040	5725	---	---
		5720_UNII-3	3.08	5725	5728.080	≥0.5	PASS
		5745	15.160	5737.440	5752.600	≥0.5	PASS
		5785	14.920	5776.800	5791.720	≥0.5	PASS
		5825	16.040	5816.800	5832.840	≥0.5	PASS
11N20SISO	Ant1	5720	15.400	5711.160	5726.560	---	---
		5720_UNII-2C	13.84	5711.160	5725	---	---
		5720_UNII-3	1.56	5725	5726.560	≥0.5	PASS
		5745	16.880	5736.200	5753.080	≥0.5	PASS
		5785	12.280	5778.080	5790.360	≥0.5	PASS
		5825	12.320	5818.560	5830.880	≥0.5	PASS
11N40SISO	Ant1	5710	35.200	5692.000	5727.200	---	---
		5710_UNII-2C	33	5692.000	5725	---	---
		5710_UNII-3	2.2	5725	5727.200	≥0.5	PASS
		5755	34.880	5737.560	5772.440	≥0.5	PASS
		5795	35.120	5777.320	5812.440	≥0.5	PASS
11AC80SISO	Ant1	5690	75.040	5652.400	5727.440	---	---
		5690_UNII-2C	72.6	5652.400	5725	---	---
		5690_UNII-3	2.44	5725	5727.440	≥0.5	PASS
		5775	68.800	5739.960	5808.760	≥0.5	PASS

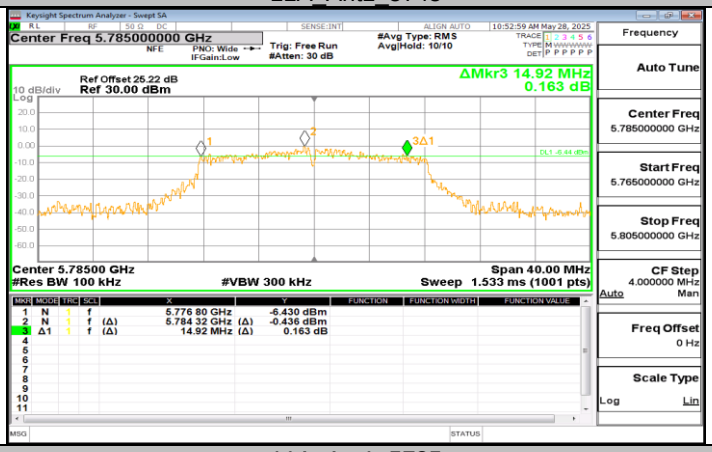
11.3.2. Test Graphs



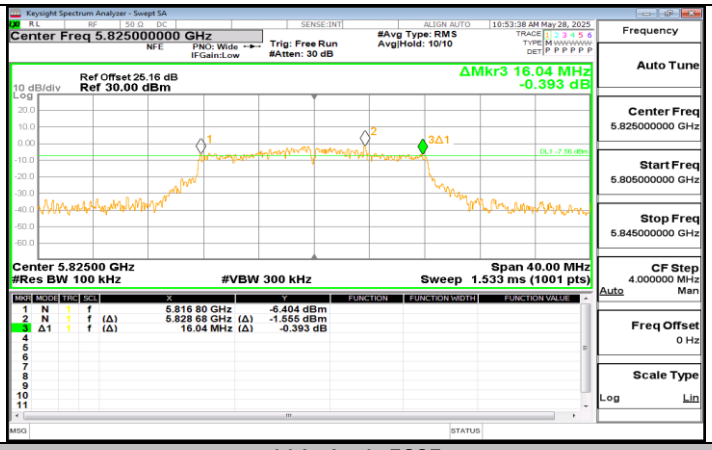
11A_Ant1_5720



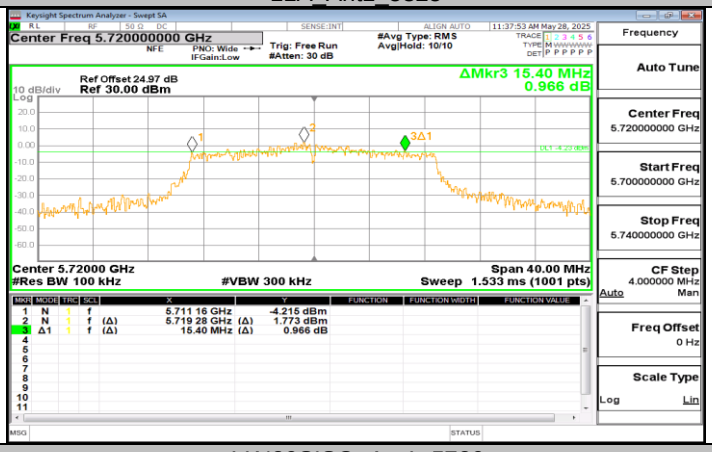
11A_Ant1_5745



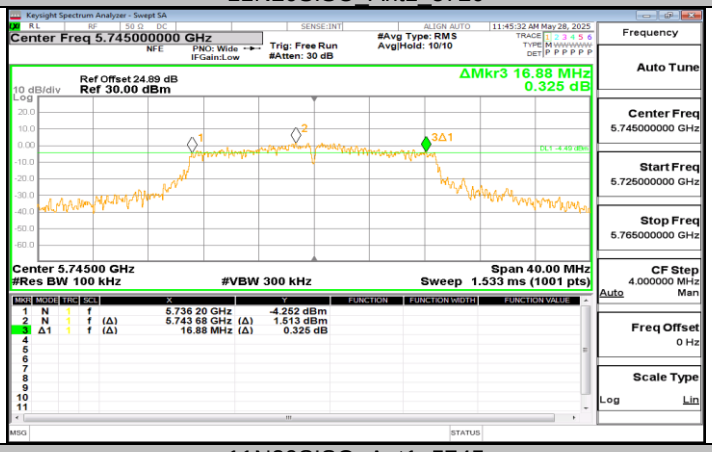
11A_Ant1_5785



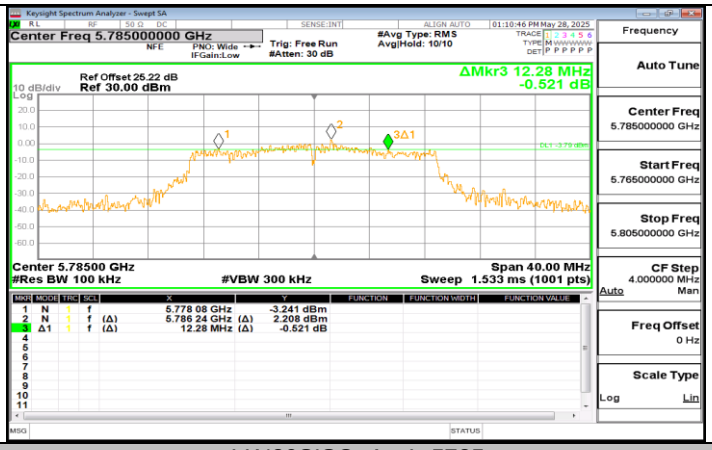
11A_Ant1_5825



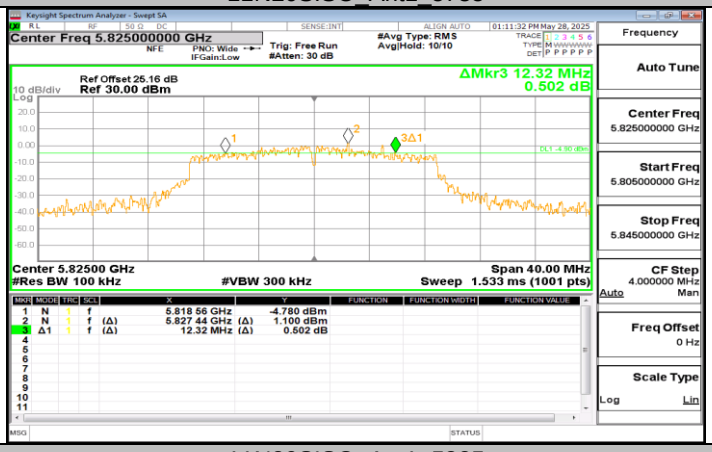
11N20SISO_Ant1_5720



11N20SISO_Ant1_5745



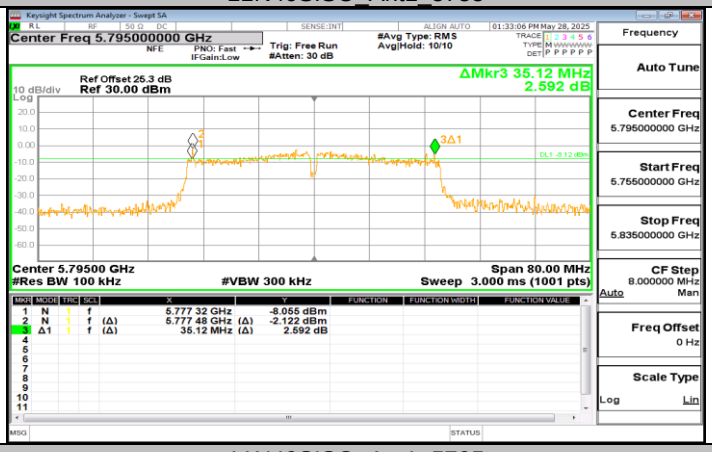
11N20SISO_Ant1_5785



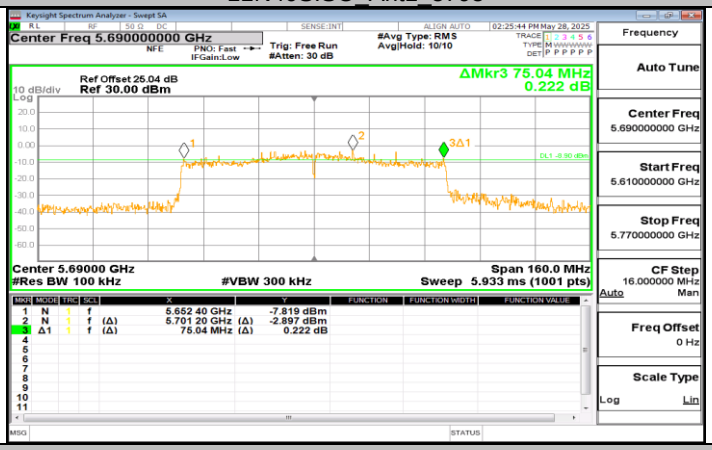
11N20SISO_Ant1_5825

11N40SISO_Ant1_5710

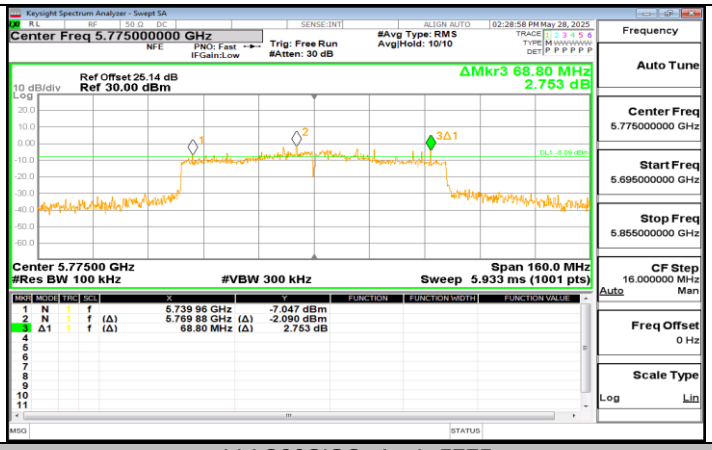
11N40SISO_Ant1_5755



11N40SISO_Ant1_5795



11AC80SISO_Ant1_5690



11AC80SISO_Ant1_5775

11.4. APPENDIX D: MAXIMUM CONDUCTED OUTPUT POWER

11.4.1. Test Result

Test Mode	Antenna	Frequency[MHz]	Power [dBm]	FCC Limit [dBm]	ISED Limit [dBm]	EIRP [dBm]	Limit [dBm]	Verdict
11A	Ant1	5180	16.11	≤23.98	---	17.11	≤22.29	PASS
		5200	16.40	≤23.98	---	17.40	≤22.29	PASS
		5240	16.32	≤23.98	---	17.32	≤22.29	PASS
		5260	16.28	≤23.98	≤23.29	17.28	≤29.29	PASS
		5280	16.06	≤23.98	≤23.27	17.06	≤29.27	PASS
		5320	15.91	≤23.98	≤23.30	16.91	≤29.30	PASS
		5500	15.50	≤23.98	≤23.28	16.50	≤29.28	PASS
		5580	15.51	≤23.98	≤23.28	16.51	≤29.28	PASS
		5700	14.91	≤23.98	≤23.31	15.91	≤29.31	PASS
		5720_UNII-2C	14.01	≤23.12	≤22.32	15.01	≤28.32	PASS
		5720_UNII-3	5.21	≤30.00	≤30.00	6.21	---	PASS
		5745	15.22	≤30.00	≤30.00	16.22	---	PASS
		5785	14.65	≤30.00	≤30.00	15.65	---	PASS
		5825	14.31	≤30.00	≤30.00	15.31	---	PASS
11N20SISO	Ant1	5180	15.85	≤23.98	---	16.85	≤22.53	PASS
		5200	16.00	≤23.98	---	17.00	≤22.53	PASS
		5240	15.84	≤23.98	---	16.84	≤22.53	PASS
		5260	15.89	≤23.98	≤23.55	16.89	≤29.55	PASS
		5280	15.19	≤23.98	≤23.57	16.19	≤29.57	PASS
		5320	15.48	≤23.98	≤23.51	16.48	≤29.51	PASS
		5500	15.24	≤23.98	≤23.53	16.24	≤29.53	PASS
		5580	15.22	≤23.98	≤23.52	16.22	≤29.52	PASS
		5700	14.72	≤23.98	≤23.54	15.72	≤29.54	PASS
		5720_UNII-2C	14.19	≤22.83	≤22.46	15.19	≤28.46	PASS
		5720_UNII-3	5.60	≤30.00	≤30.00	6.60	---	PASS
		5745	15.10	≤30.00	≤30.00	16.10	---	PASS
		5785	15.13	≤30.00	≤30.00	16.13	---	PASS
		5825	14.47	≤30.00	≤30.00	15.47	---	PASS
11N40SISO	Ant1	5190	16.26	≤23.98	---	17.26	≤23.00	PASS
		5230	16.15	≤23.98	---	17.15	≤23.00	PASS
		5270	16.26	≤23.98	≤23.98	17.26	≤29.98	PASS
		5310	15.76	≤23.98	≤23.98	16.76	≤29.98	PASS
		5510	15.43	≤23.98	≤23.98	16.43	≤29.98	PASS
		5550	15.42	≤23.98	≤23.98	16.42	≤29.98	PASS
		5670	15.22	≤23.98	≤23.98	16.22	≤29.98	PASS
		5710_UNII-2C	14.76	≤23.98	≤23.98	15.76	≤29.98	PASS
		5710_UNII-3	1.85	≤30.00	≤30.00	2.85	---	PASS
		5755	15.47	≤30.00	≤30.00	16.47	---	PASS
		5795	15.10	≤30.00	≤30.00	16.10	---	PASS
11AC80SISO	Ant1	5210	15.86	≤23.98	---	16.86	≤23.00	PASS
		5290	15.87	≤23.98	≤23.98	16.87	≤29.98	PASS
		5530	15.21	≤23.98	≤23.98	16.21	≤29.98	PASS
		5610	15.31	≤23.98	≤23.98	16.31	≤29.98	PASS
		5690_UNII-2C	14.67	≤23.98	≤23.98	15.67	≤29.98	PASS
		5690_UNII-3	-2.22	≤30.00	≤30.00	-1.22	---	PASS
		5775	14.96	≤30.00	≤30.00	15.96	---	PASS

Note:
1. Conducted Power=Meas. Level+ Correction Factor
2.The Duty Cycle Factor (refer to section 7.1) had already compensated to the test data.
3. Master and slave in UNII-1 & UNII-3 have the same output power, only difference in power limit.