

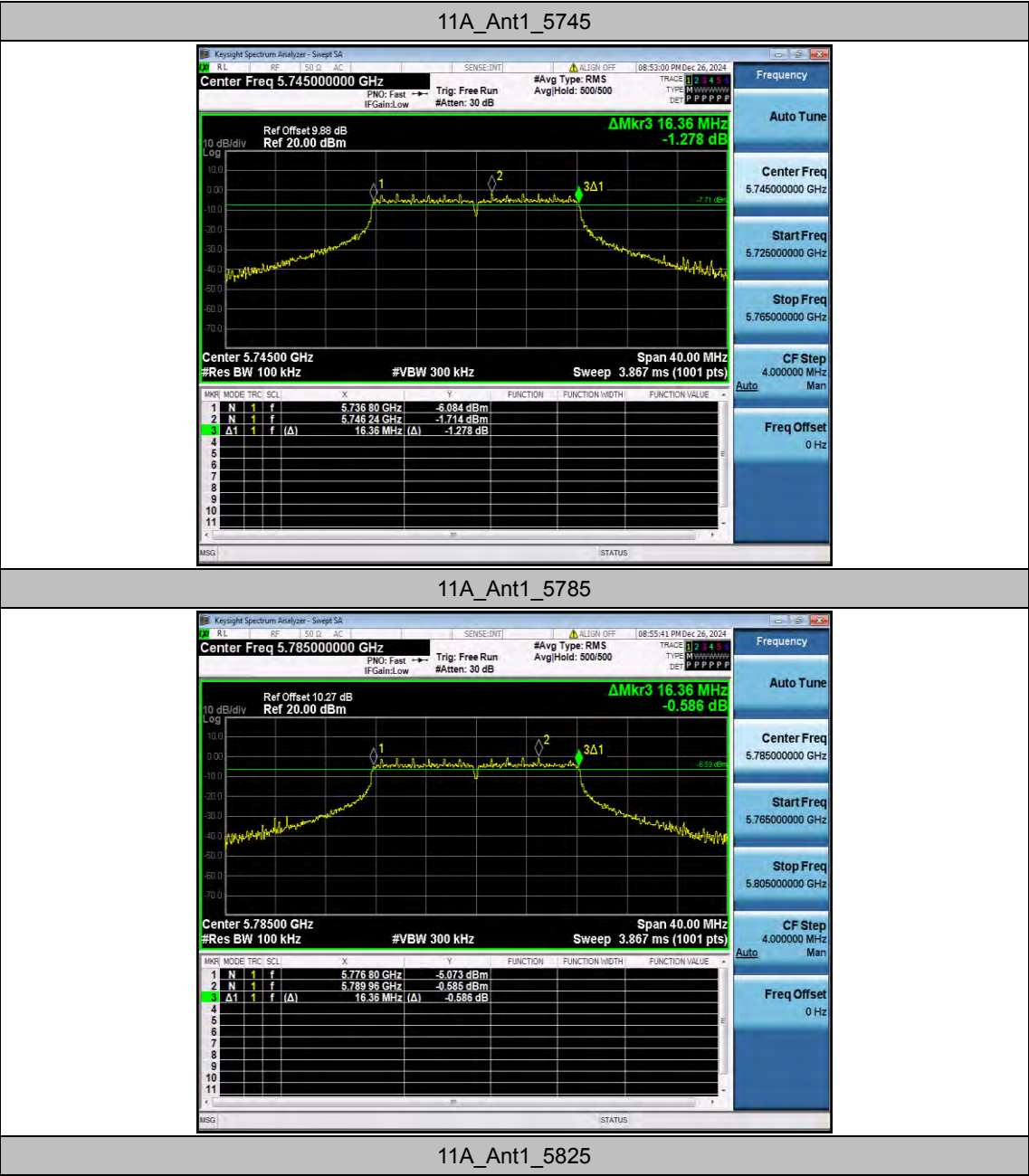
Case No. : <u>GTS20241108022-2-04</u>	
Ambient Condition: <u>22</u> °C, <u>48</u> %RH	
According Standard: <u>■Part15E</u>	
Test Date: <u>2024.12.26</u>	Test Engineer: <u>Evan ouyang</u>

Appendix G.1: Min emission bandwidth

Test Result B4

TestMode	Antenna	Freq(MHz)	6db EBW [MHz]	FL[MHz]	FH[MHz]	Limit[MHz]	Verdict
11A	Ant1	5745	16.360	5736.800	5753.160	0.5	PASS
		5785	16.360	5776.800	5793.160	0.5	PASS
		5825	16.400	5816.760	5833.160	0.5	PASS
11N20SISO	Ant1	5745	17.640	5736.160	5753.800	0.5	PASS
		5785	17.600	5776.160	5793.760	0.5	PASS
		5825	17.600	5816.160	5833.760	0.5	PASS
11N40SISO	Ant1	5755	36.320	5736.840	5773.160	0.5	PASS
		5795	36.400	5776.760	5813.160	0.5	PASS
11AC20SISO	Ant1	5745	17.640	5736.160	5753.800	0.5	PASS
		5785	17.600	5776.160	5793.760	0.5	PASS
		5825	17.600	5816.160	5833.760	0.5	PASS
11AC40SISO	Ant1	5755	36.320	5736.840	5773.160	0.5	PASS
		5795	36.400	5776.760	5813.160	0.5	PASS
11AC80SISO	Ant1	5775	75.680	5737.400	5813.080	0.5	PASS
11AX20SISO	Ant1	5745	19.000	5735.480	5754.480	0.5	PASS
		5785	19.000	5775.480	5794.480	0.5	PASS
		5825	19.000	5815.480	5834.480	0.5	PASS
11AX40SISO	Ant1	5755	38.000	5736.040	5774.040	0.5	PASS
		5795	38.080	5775.960	5814.040	0.5	PASS
11AX80SISO	Ant1	5775	76.640	5737.400	5814.040	0.5	PASS

Test Graphs B4





11N20SISO_Ant1_5745



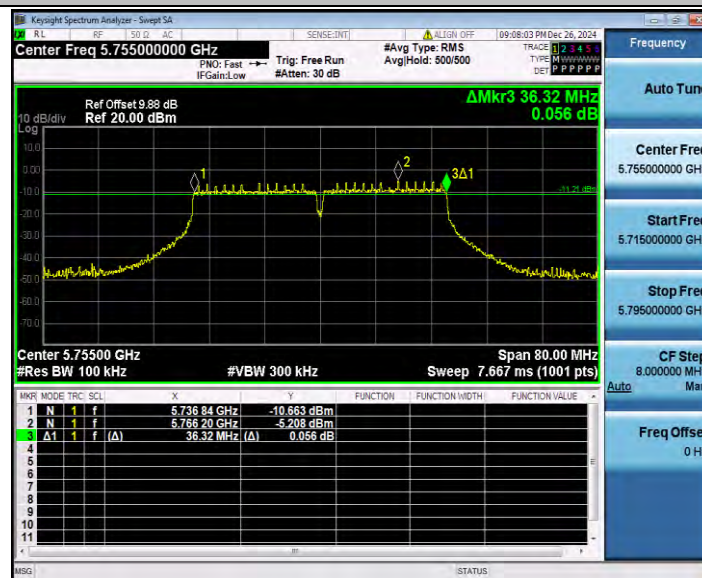
11N20SISO_Ant1_5785



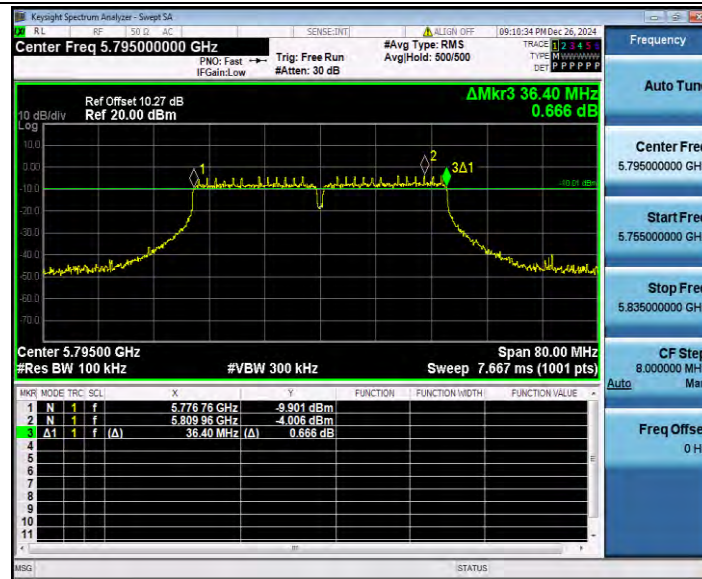
11N20SISO_Ant1_5825



11N40SISO_Ant1_5755



11N40SISO_Ant1_5795



11AC20SISO_Ant1_5745



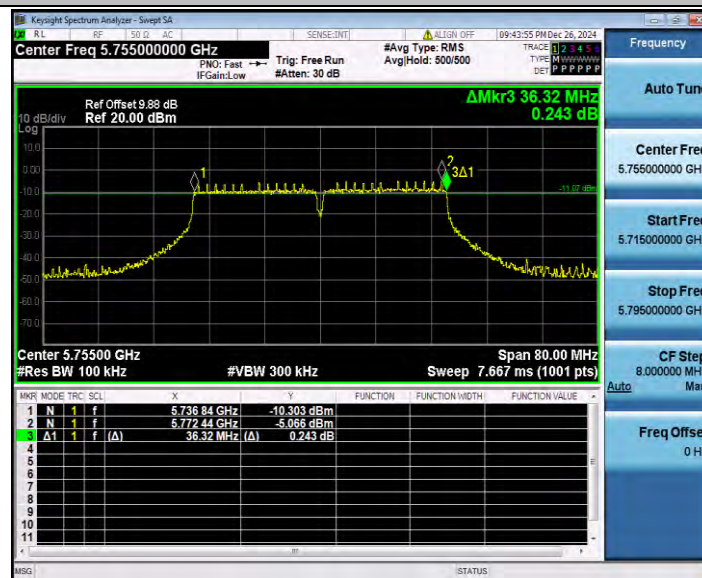
11AC20SISO_Ant1_5785



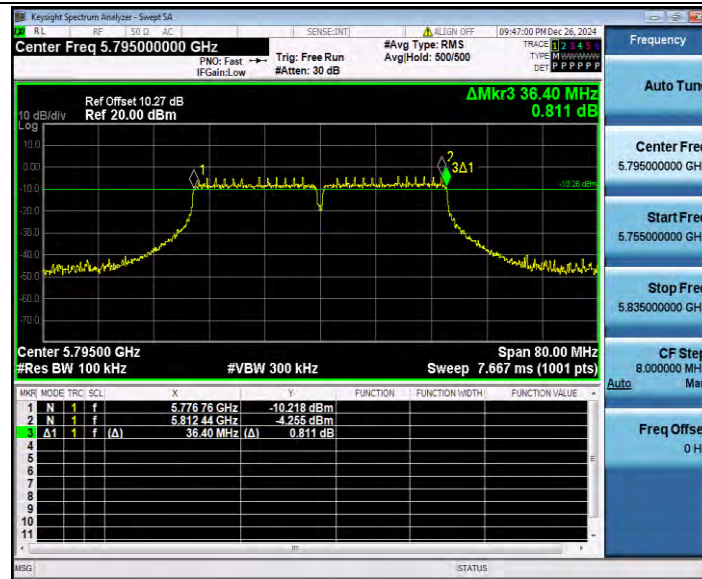
11AC20SISO_Ant1_5825



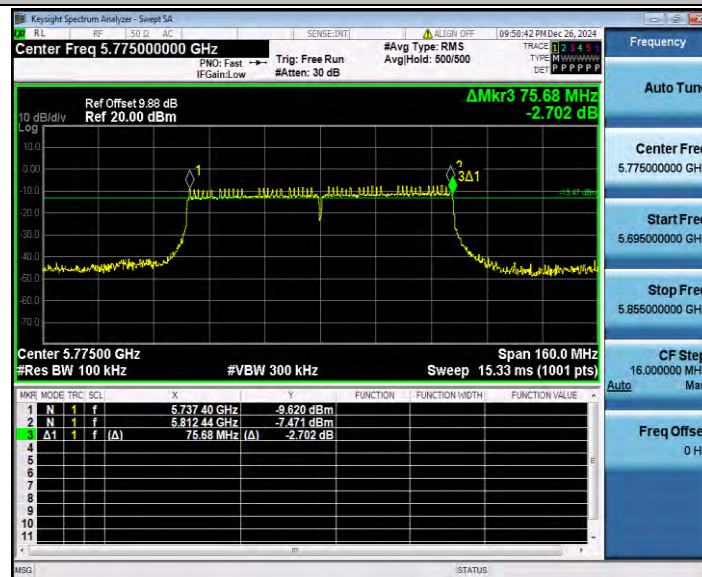
11AC40SISO_Ant1_5755



11AC40SISO_Ant1_5795



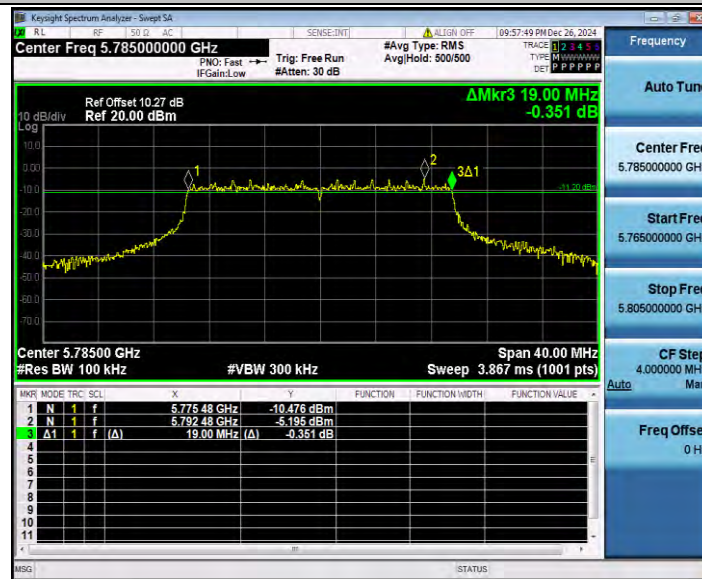
11AC80SISO_Ant1_5775



11AX20SISO_Ant1_5745



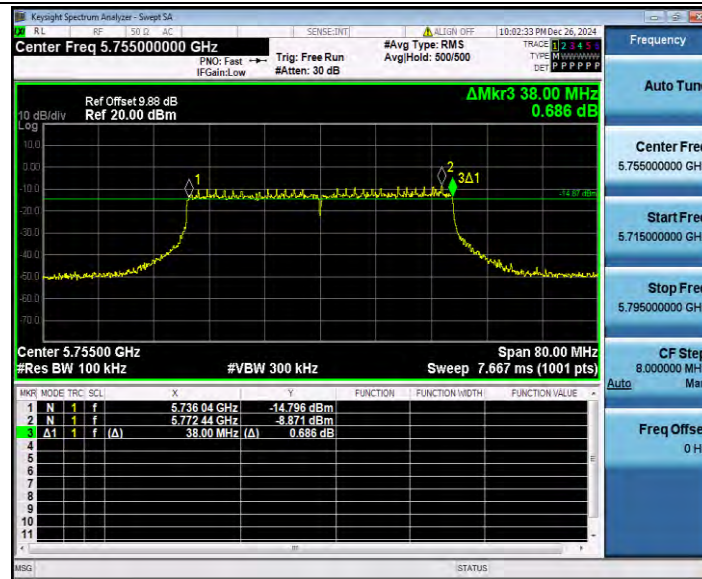
11AX20SISO_Ant1_5785



11AX20SISO_Ant1_5825



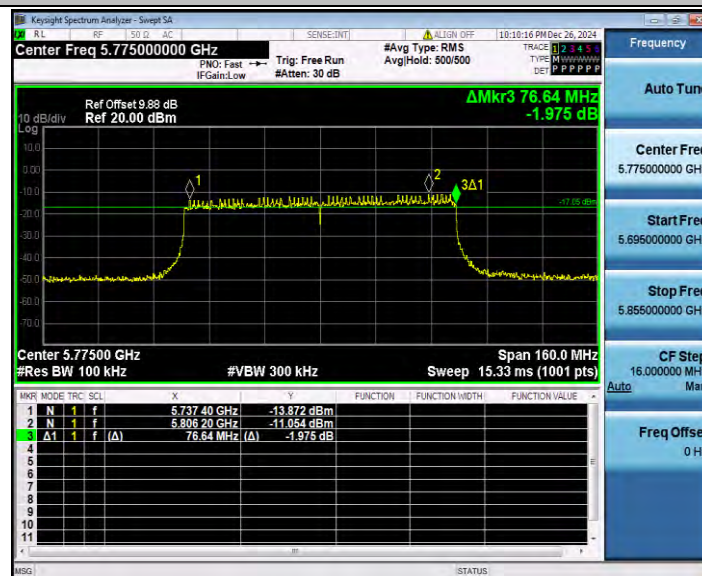
11AX40SISO_Ant1_5755



11AX40ISO_Ant1_5795



11AX80ISO_Ant1_5775



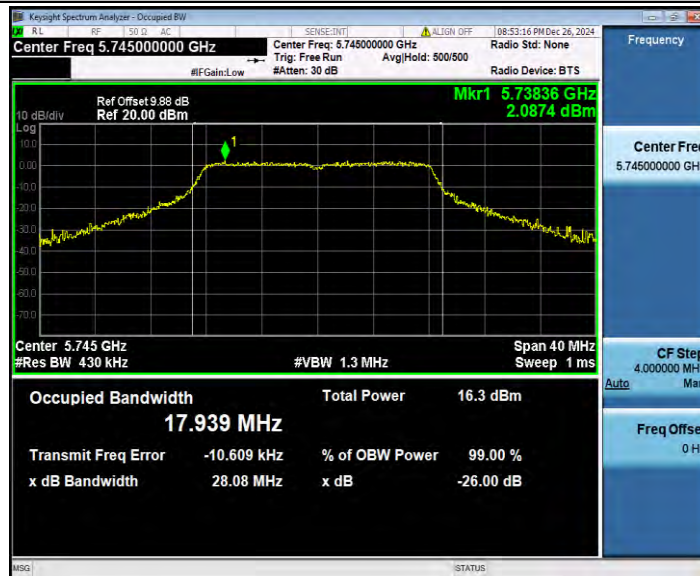
Appendix G.2: Occupied channel bandwidth

Test Result

TestMode	Antenna	Freq(MHz)	OCB [MHz]	FL[MHz]	FH[MHz]	Limit[MHz]	Verdict
11A	Ant1	5745	17.939	5736.0199	5753.9589	---	---
		5785	17.884	5775.9808	5793.8648	---	---
		5825	17.815	5815.9995	5833.8145	---	---
11N20SISO	Ant1	5745	19.006	5735.5158	5754.5218	---	---
		5785	18.953	5775.5549	5794.5079	---	---
		5825	19.068	5815.3894	5834.4574	---	---
11N40SISO	Ant1	5755	37.613	5736.2675	5773.8805	---	---
		5795	37.561	5776.3156	5813.8766	---	---
11AC20SISO	Ant1	5745	18.997	5735.5561	5754.5531	---	---
		5785	18.959	5775.5376	5794.4966	---	---
		5825	18.995	5815.4675	5834.4625	---	---
11AC40SISO	Ant1	5755	37.582	5736.3493	5773.9313	---	---
		5795	37.622	5776.2477	5813.8697	---	---
11AC80SISO	Ant1	5775	76.924	5736.7853	5813.7093	---	---
11AX20SISO	Ant1	5745	19.608	5735.2525	5754.8605	---	---
		5785	19.646	5775.2107	5794.8567	---	---
		5825	19.609	5815.2148	5834.8238	---	---
11AX40SISO	Ant1	5755	38.603	5735.7735	5774.3765	---	---
		5795	38.592	5775.7813	5814.3733	---	---
11AX80SISO	Ant1	5775	78.332	5736.1856	5814.5176	---	---

Test Graphs

11A_Ant1_5745



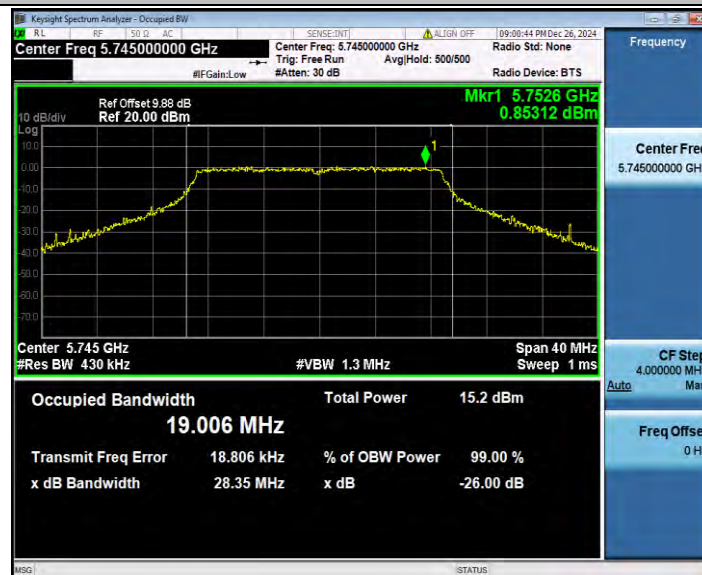
11A_Ant1_5785



11A_Ant1_5825



11N20SISO_Ant1_5745



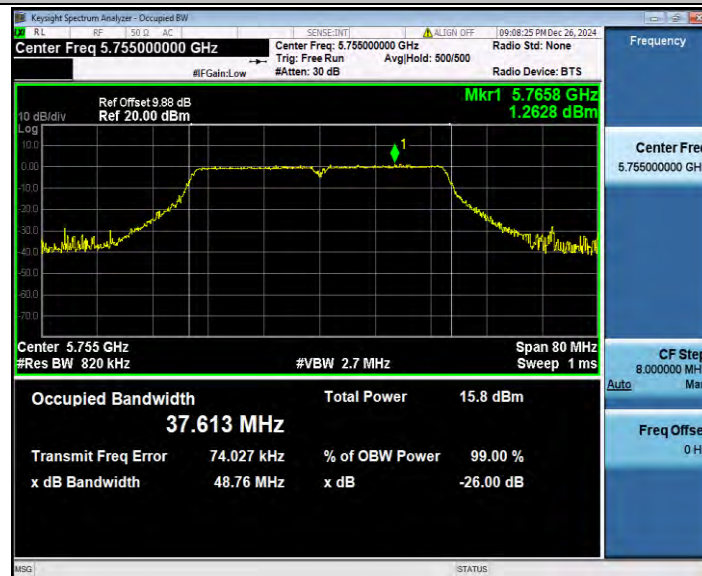
11N20SISO_Ant1_5785



11N20SISO_Ant1_5825



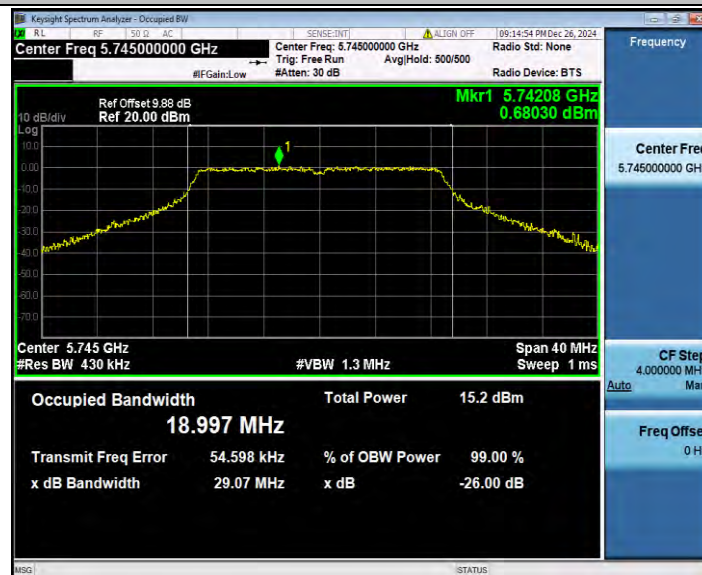
11N40SISO_Ant1_5755



11N40SISO_Ant1_5795



11AC20SISO_Ant1_5745



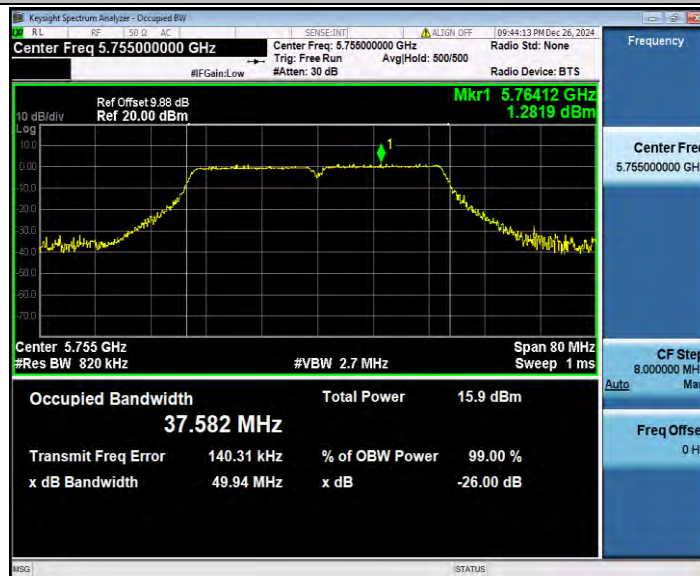
11AC20SISO_Ant1_5785



11AC20SISO_Ant1_5825



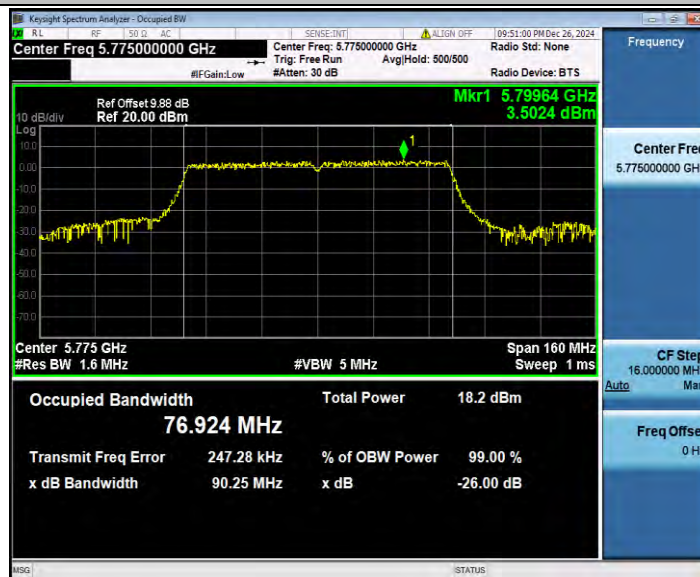
11AC40SISO_Ant1_5755



11AC40SISO_Ant1_5795



11AC80SISO_Ant1_5775



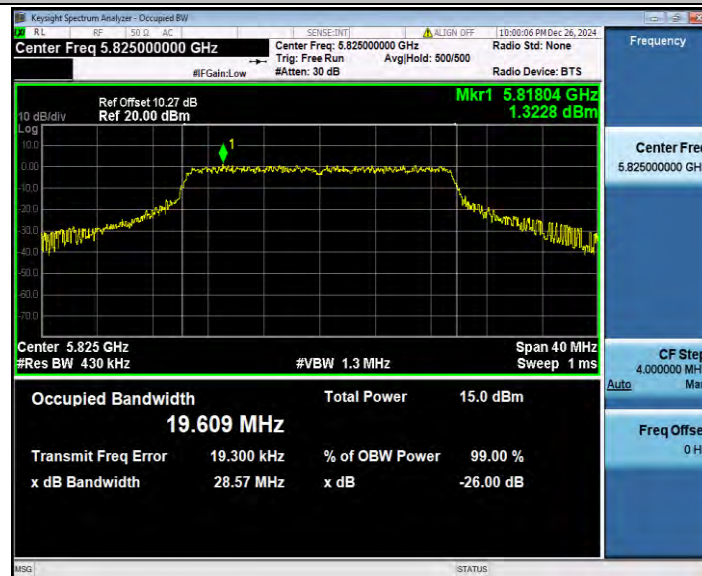
11AX20SISO_Ant1_5745



11AX20SISO_Ant1_5785



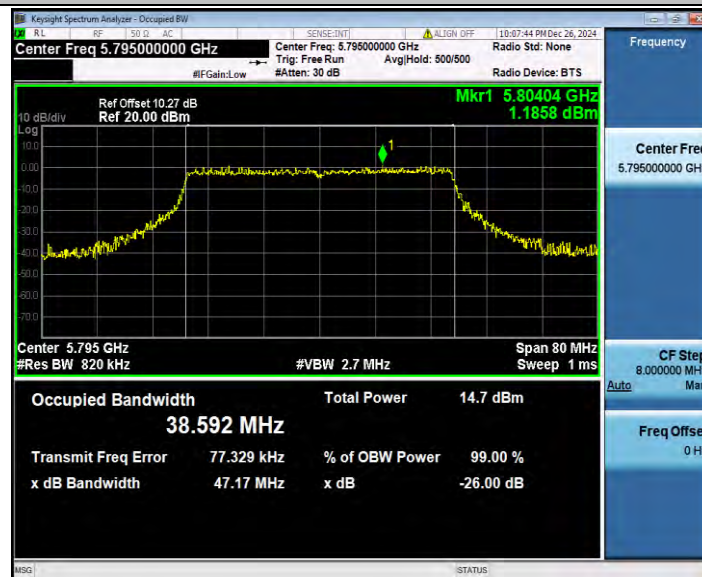
11AX20SISO_Ant1_5825



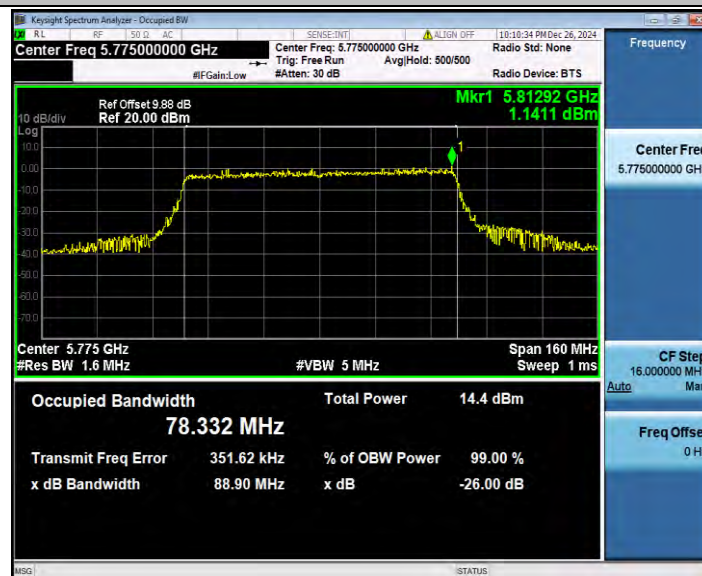
11AX40SISO_Ant1_5755



11AX40SISO_Ant1_5795



11AX80SISO_Ant1_5775

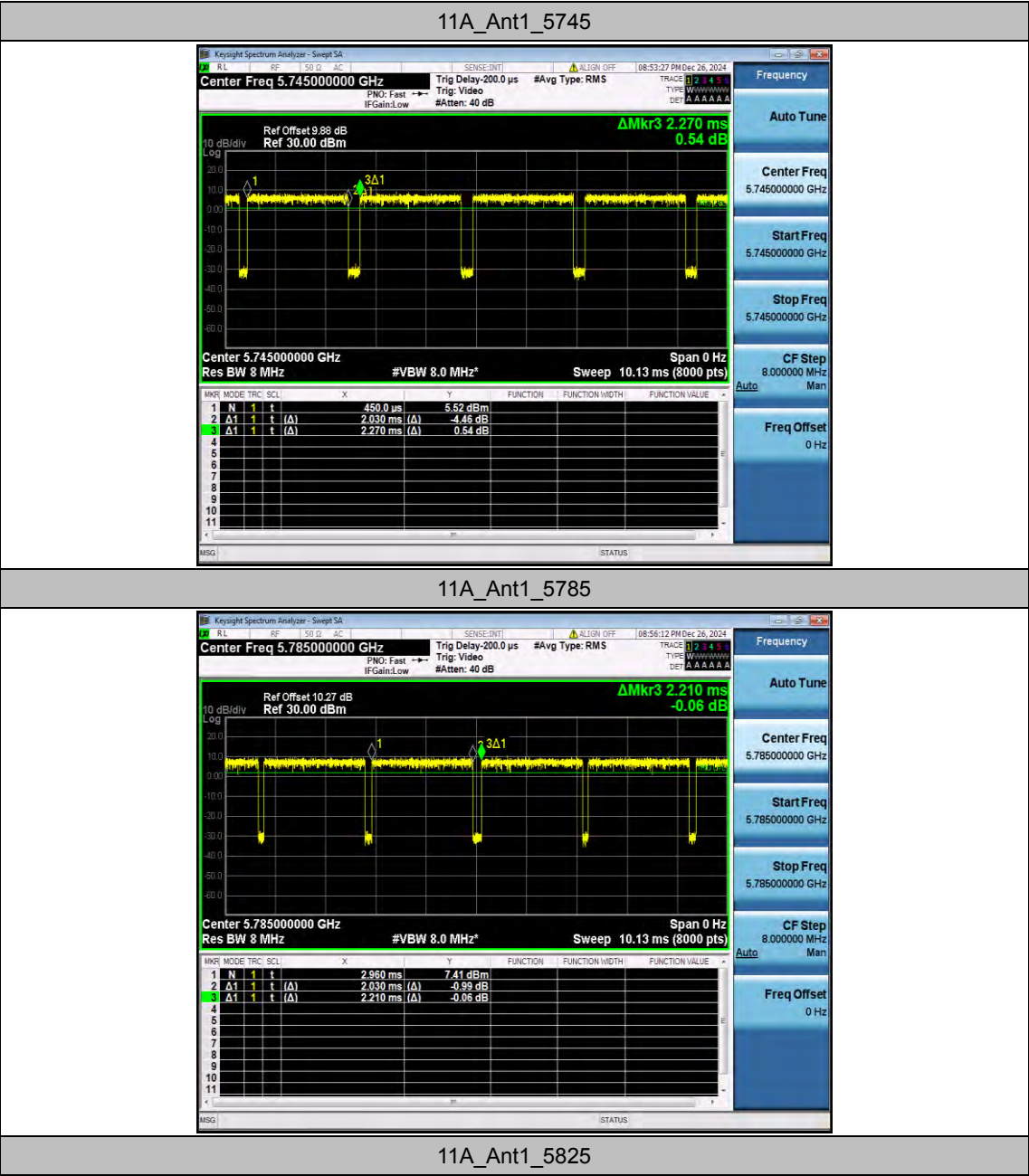


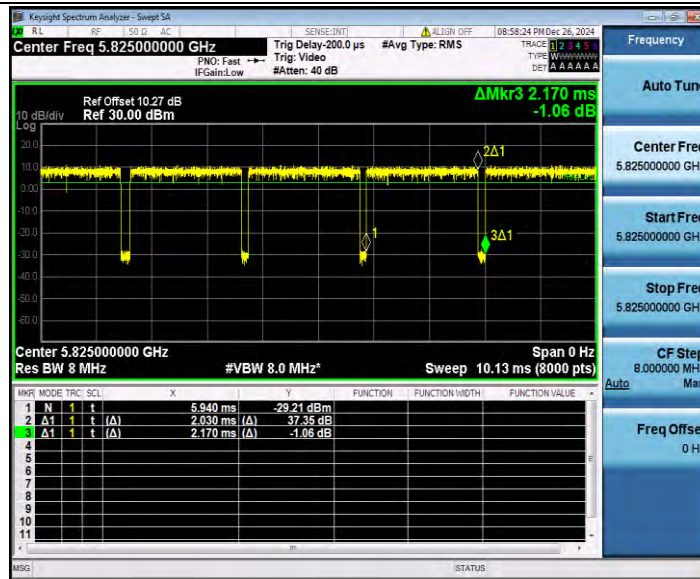
Appendix G.3: Duty Cycle

Test Result

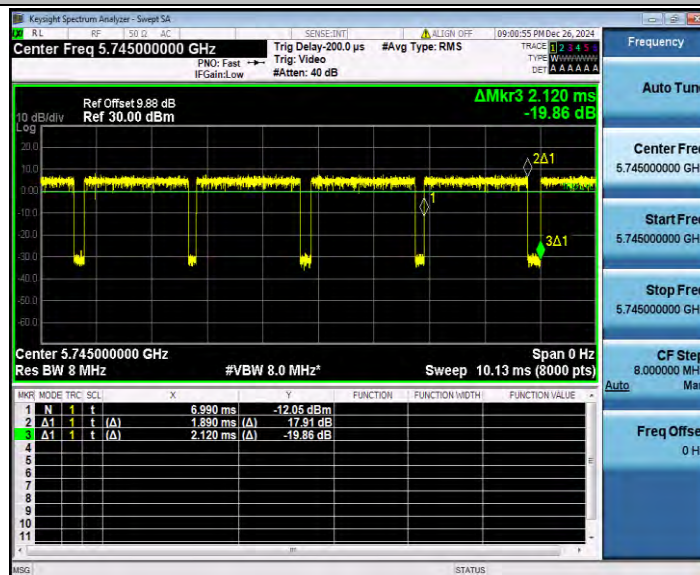
TestMode	Antenna	Freq(MHz)	Transmission Duration [ms]	Transmission Period [ms]	Duty Cycle [%]	Duty Cycle Factor[dB]	1/T Factor[KHz]
11A	Ant1	5745	2.03	2.27	89.43	0.49	0.49
		5785	2.03	2.21	91.86	0.37	0.49
		5825	2.03	2.17	93.55	0.29	0.49
11N20SISO	Ant1	5745	1.89	2.12	89.15	0.50	0.53
		5785	1.89	2.07	91.30	0.40	0.53
		5825	1.89	2.13	88.73	0.52	0.53
11N40SISO	Ant1	5755	0.93	1.17	79.49	1.00	1.08
		5795	0.93	1.16	80.17	0.96	1.08
11AC20SISO	Ant1	5745	1.90	2.08	91.35	0.39	0.53
		5785	1.90	2.02	94.06	0.27	0.53
		5825	1.90	2.13	89.20	0.50	0.53
11AC40SISO	Ant1	5755	0.94	1.13	83.19	0.80	1.06
		5795	0.94	1.41	66.67	1.76	1.06
11AC80SISO	Ant1	5775	0.46	0.70	65.71	1.82	2.17
11AX20SISO	Ant1	5745	1.47	1.67	88.02	0.55	0.68
		5785	1.46	1.64	89.02	0.51	0.68
		5825	1.46	1.70	85.88	0.66	0.68
11AX40SISO	Ant1	5755	0.76	0.97	78.35	1.06	1.32
		5795	0.76	1.23	61.79	2.09	1.32
11AX80SISO	Ant1	5775	0.40	0.86	46.51	3.32	2.50

Test Graphs

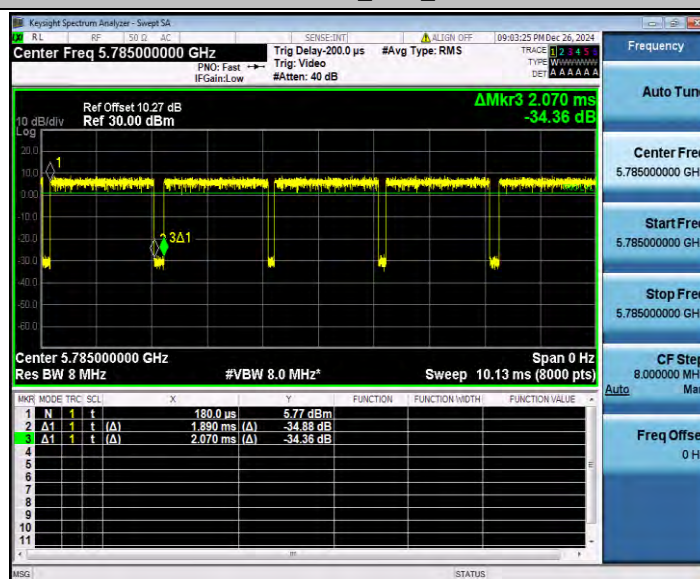




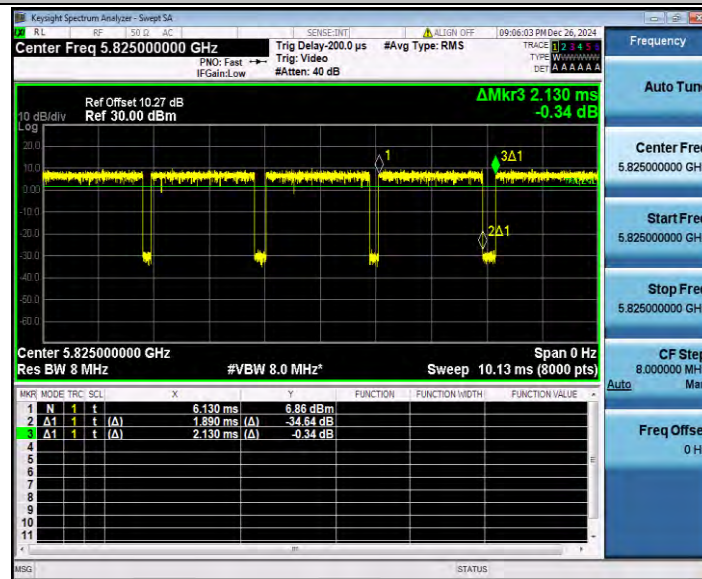
11N20SISO_Ant1_5745



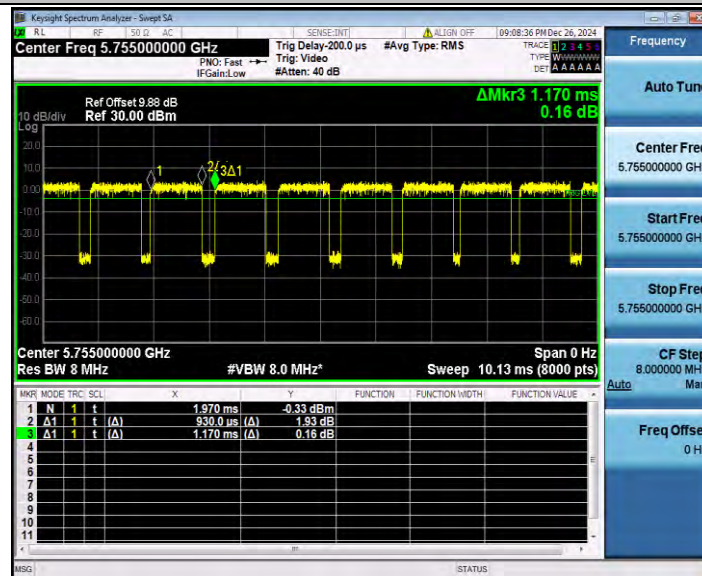
11N20SISO_Ant1_5785



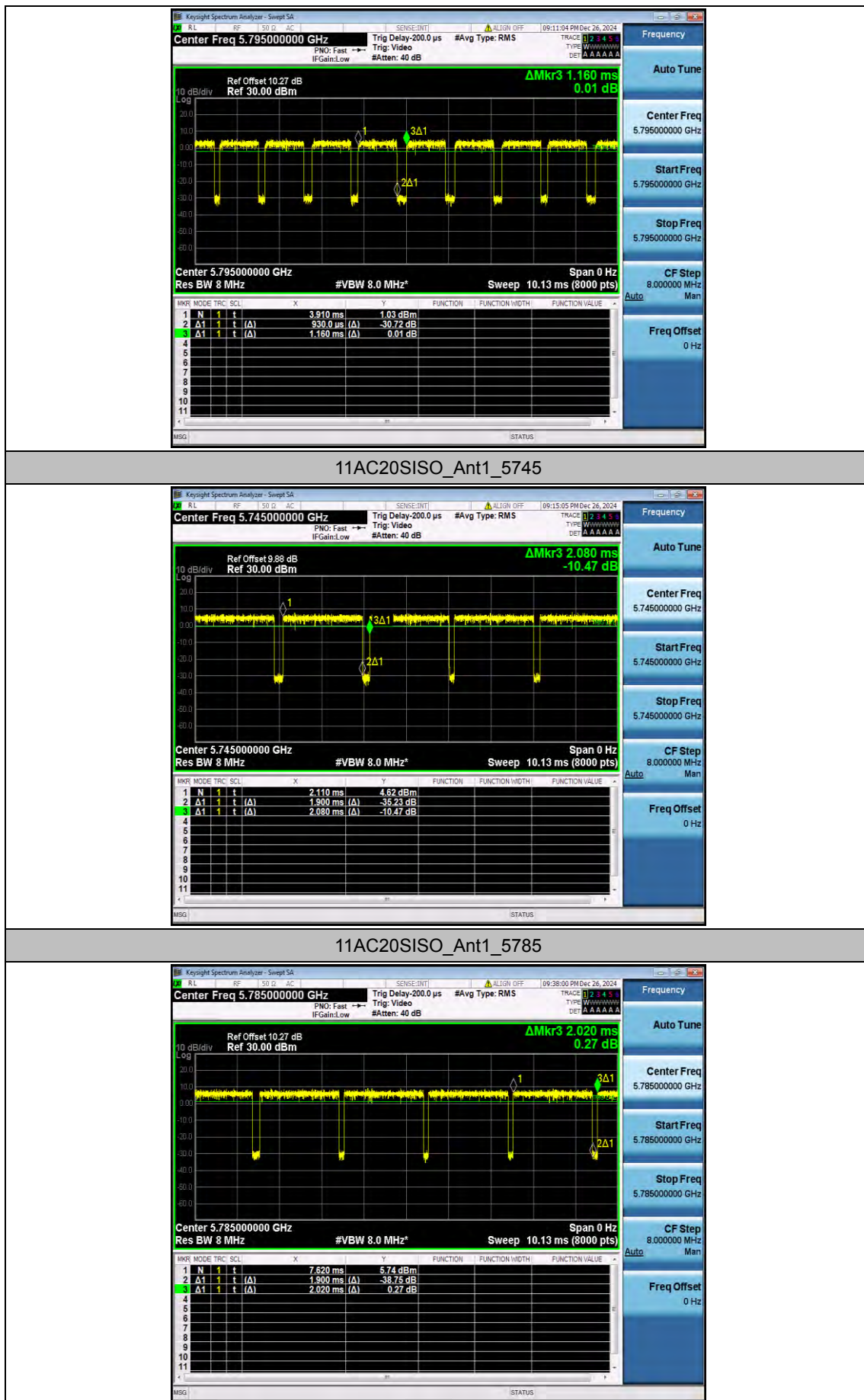
11N20SISO_Ant1_5825



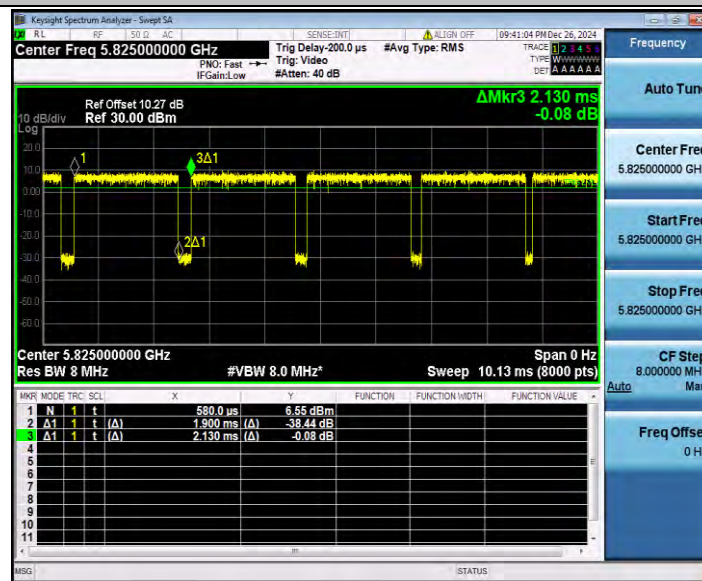
11N40SISO_Ant1_5755



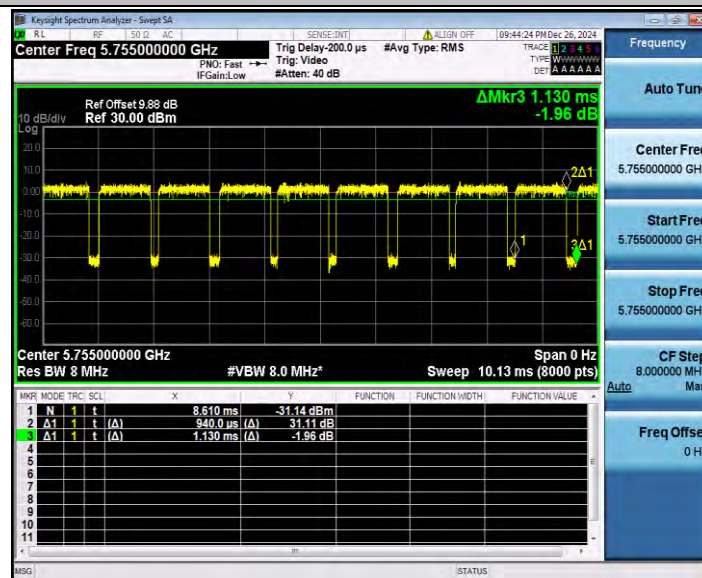
11N40SISO_Ant1_5795



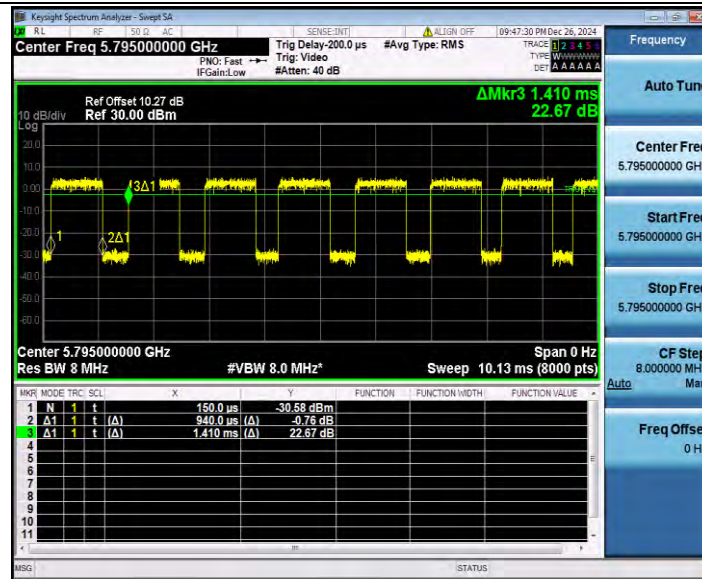
11AC20SISO_Ant1_5825



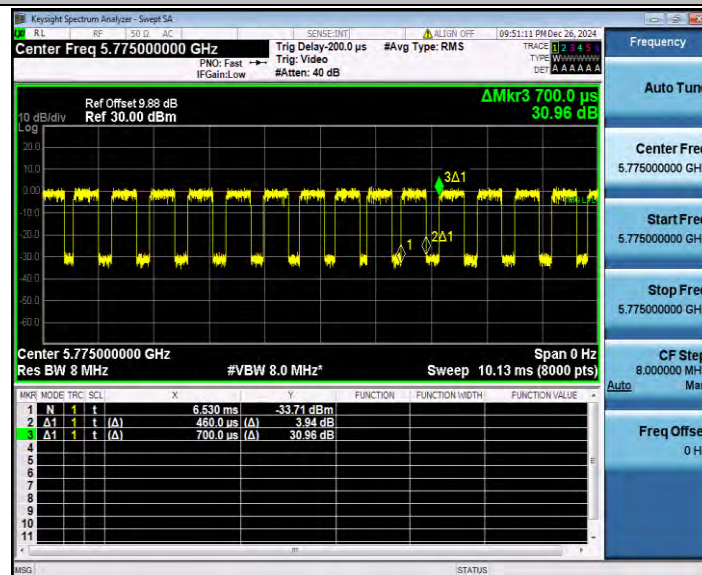
11AC40SISO_Ant1_5755



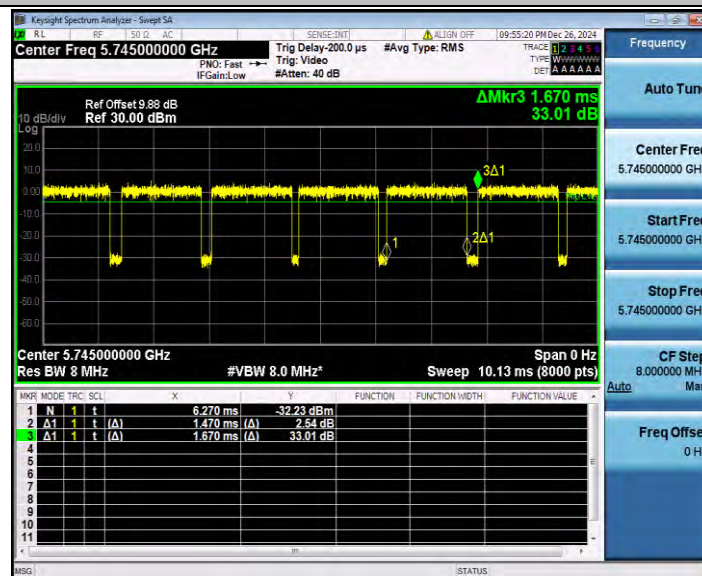
11AC40SISO_Ant1_5795



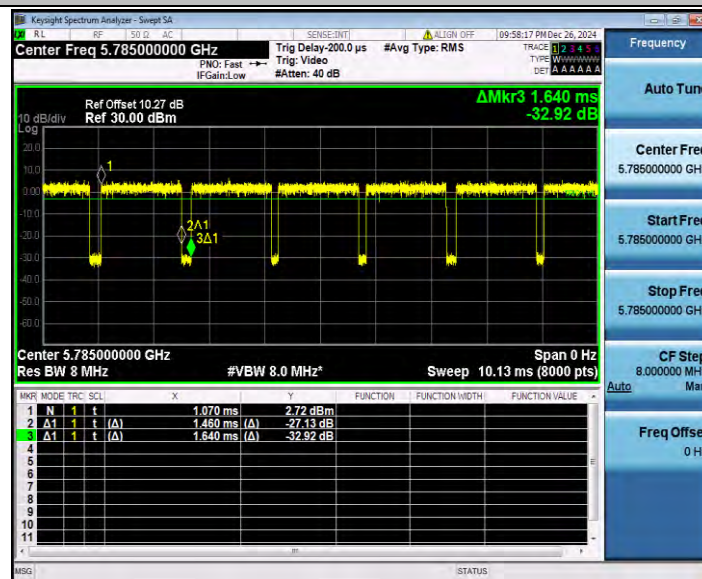
11AC80SISO_Ant1_5775



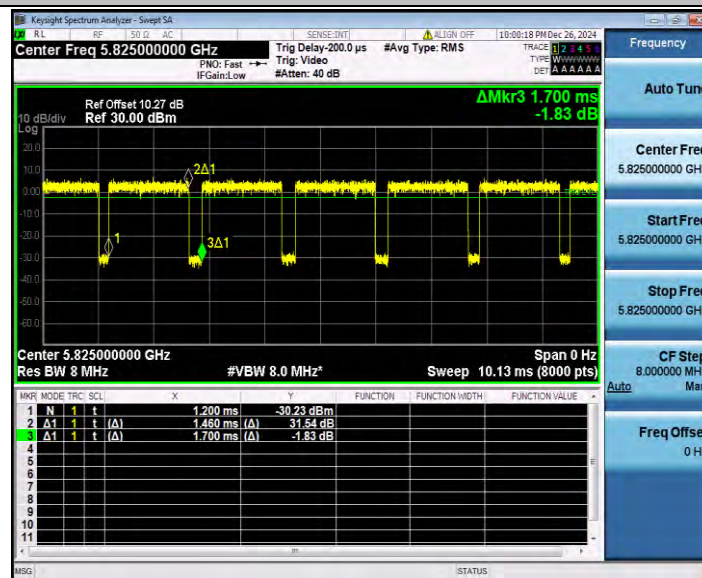
11AX20SISO_Ant1_5745



11AX20SISO_Ant1_5785



11AX20SISO_Ant1_5825



11AX40SISO_Ant1_5755



Appendix G.4: Maximum conducted output power

Test Result Channel Power

Test Mode	Antenna	Freq(MHz)	Channel Power [dBm]	Duty Cycle [%]	DC Factor [dBm]	Result [dBm]	Limit [dBm]	Verdict
11A	Ant1	5745	9.17	89.43	0.49	9.66	≤30.00	PASS
		5785	10.35	91.86	0.37	10.72	≤30.00	PASS
		5825	11.11	93.55	0.29	11.40	≤30.00	PASS
11N20SISO	Ant1	5745	8.09	89.15	0.50	8.59	≤30.00	PASS
		5785	9.34	91.30	0.40	9.74	≤30.00	PASS
		5825	10.01	88.73	0.52	10.53	≤30.00	PASS
11N40SISO	Ant1	5755	6.93	79.49	1.00	7.93	≤30.00	PASS
		5795	8.91	80.17	0.96	9.87	≤30.00	PASS
11AC20SISO	Ant1	5745	8.02	91.35	0.39	8.41	≤30.00	PASS
		5785	9.82	94.06	0.27	10.09	≤30.00	PASS
		5825	10.30	89.20	0.50	10.80	≤30.00	PASS
11AC40SISO	Ant1	5755	7.87	83.19	0.80	8.67	≤30.00	PASS
		5795	9.10	66.67	1.76	10.86	≤30.00	PASS
11AC80SISO	Ant1	5775	8.11	65.71	1.82	9.93	≤30.00	PASS
11AX20SISO	Ant1	5745	9.18	88.02	0.55	9.73	≤30.00	PASS
		5785	8.57	89.02	0.51	9.08	≤30.00	PASS
		5825	8.32	85.88	0.66	8.98	≤30.00	PASS
11AX40SISO	Ant1	5755	8.46	78.35	1.06	9.52	≤30.00	PASS
		5795	7.01	61.79	2.09	9.10	≤30.00	PASS
11AX80SISO	Ant1	5775	6.27	46.51	3.32	9.59	≤30.00	PASS

Appendix G.5: Maximum power spectral density

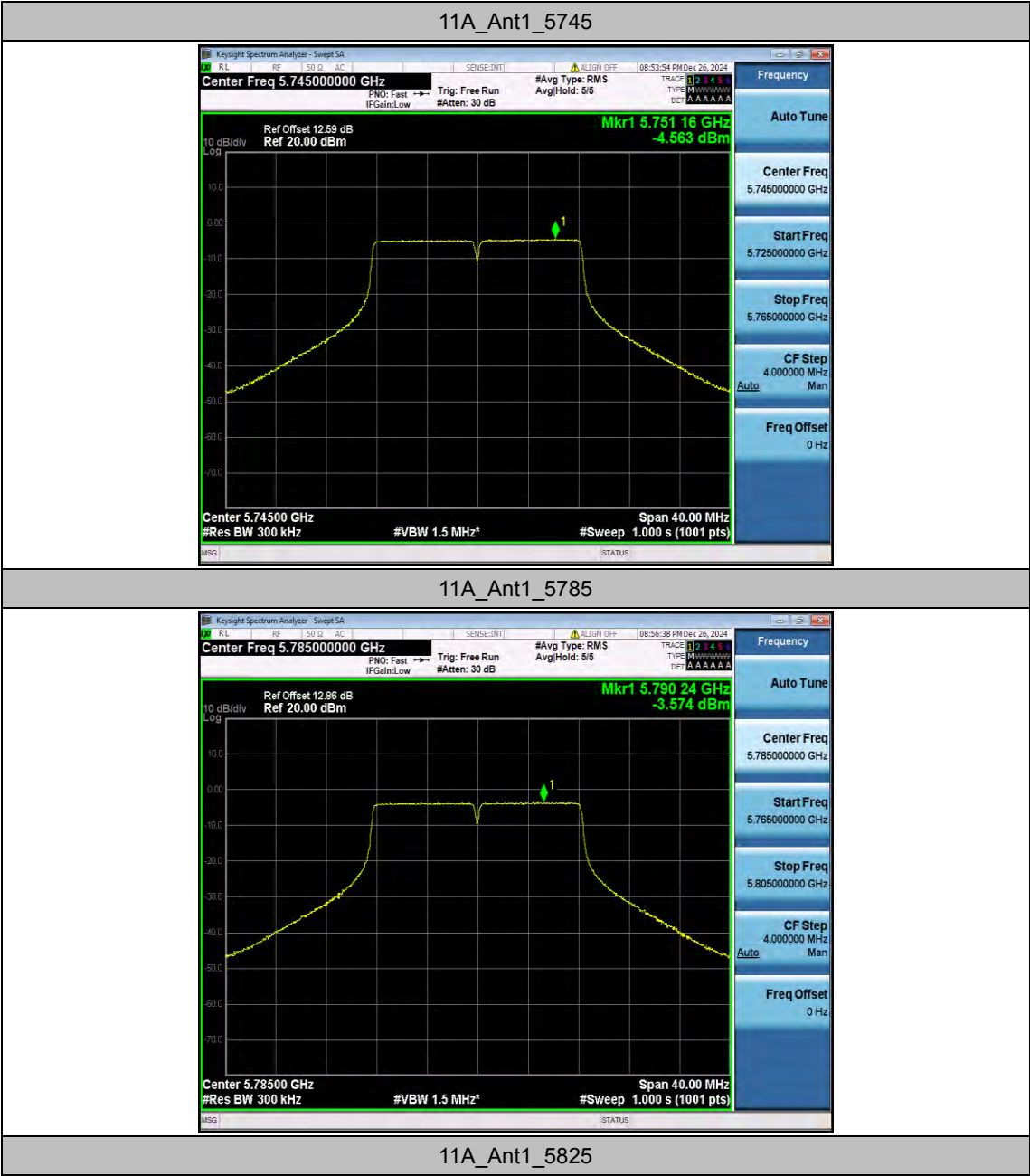
Test Result

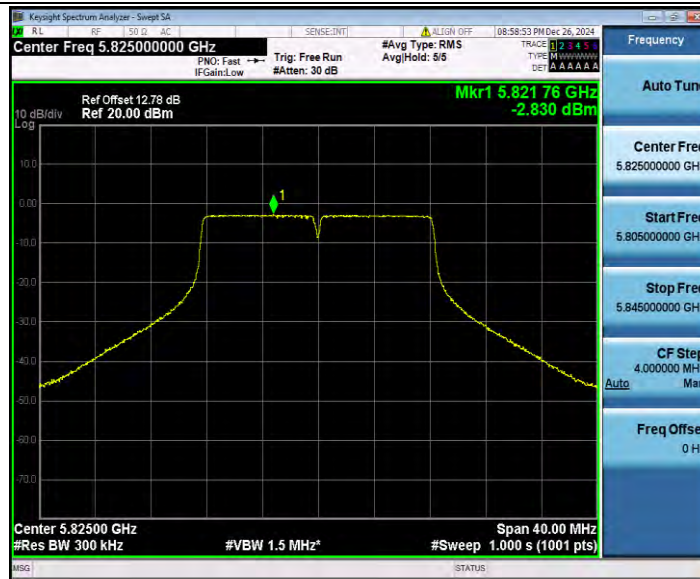
TestMode	Antenna	Freq(MHz)	Result [dBm/MHz]	Limit[dBm/MHz]	Verdict
11A	Ant1	5745	-4.56	≤30.00	PASS
		5785	-3.57	≤30.00	PASS
		5825	-2.83	≤30.00	PASS
11N20SISO	Ant1	5745	-5.79	≤30.00	PASS
		5785	-4.87	≤30.00	PASS
		5825	-4.04	≤30.00	PASS
11N40SISO	Ant1	5755	-8.31	≤30.00	PASS
		5795	-7.13	≤30.00	PASS
11AC20SISO	Ant1	5745	-5.99	≤30.00	PASS
		5785	-4.82	≤30.00	PASS
		5825	-3.86	≤30.00	PASS
11AC40SISO	Ant1	5755	-8.33	≤30.00	PASS
		5795	-6.40	≤30.00	PASS
11AC80SISO	Ant1	5775	-10.06	≤30.00	PASS
11AX20SISO	Ant1	5745	-9.99	≤30.00	PASS
		5785	-8.90	≤30.00	PASS
		5825	-8.13	≤30.00	PASS
11AX40SISO	Ant1	5755	-12.39	≤30.00	PASS
		5795	-10.15	≤30.00	PASS
11AX80SISO	Ant1	5775	-12.63	≤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.

Test Graphs





11N20SISO_Ant1_5745



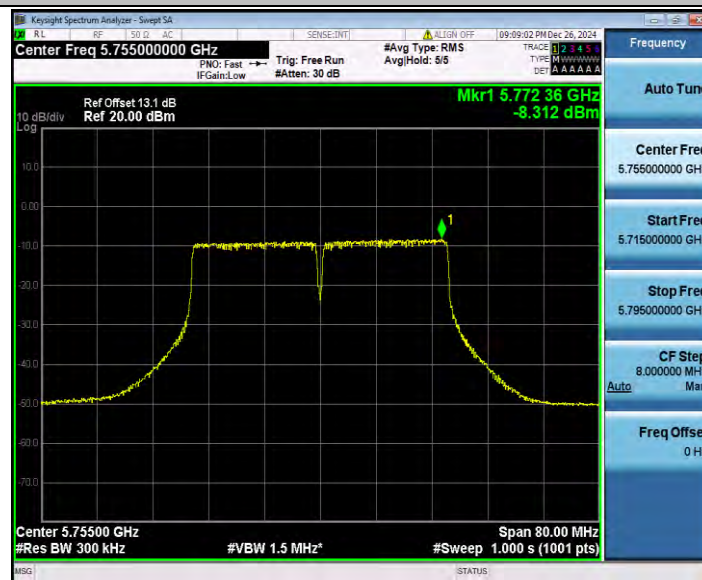
11N20SISO_Ant1_5785



11N20SISO_Ant1_5825



11N40SISO_Ant1_5755



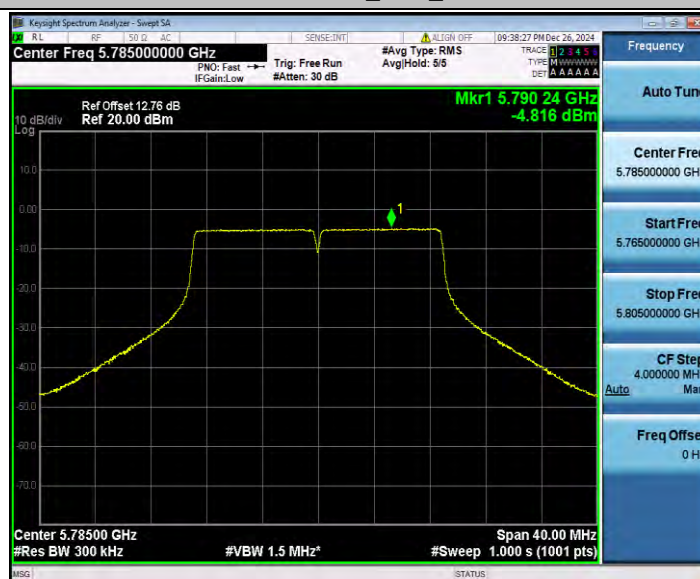
11N40SISO_Ant1_5795



11AC20SISO_Ant1_5745



11AC20SISO_Ant1_5785



11AC20SISO_Ant1_5825



11AC40SISO_Ant1_5755



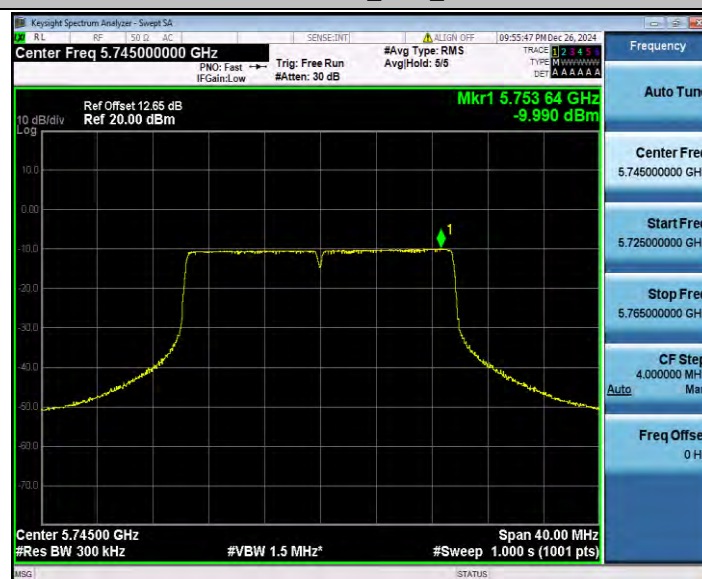
11AC40SISO_Ant1_5795



11AC80SISO_Ant1_5775



11AX20SISO_Ant1_5745



11AX20SISO_Ant1_5785



11AX20SISO_Ant1_5825



11AX40SISO_Ant1_5755



11AX40SISO_Ant1_5795



11AX80SISO_Ant1_5775

