

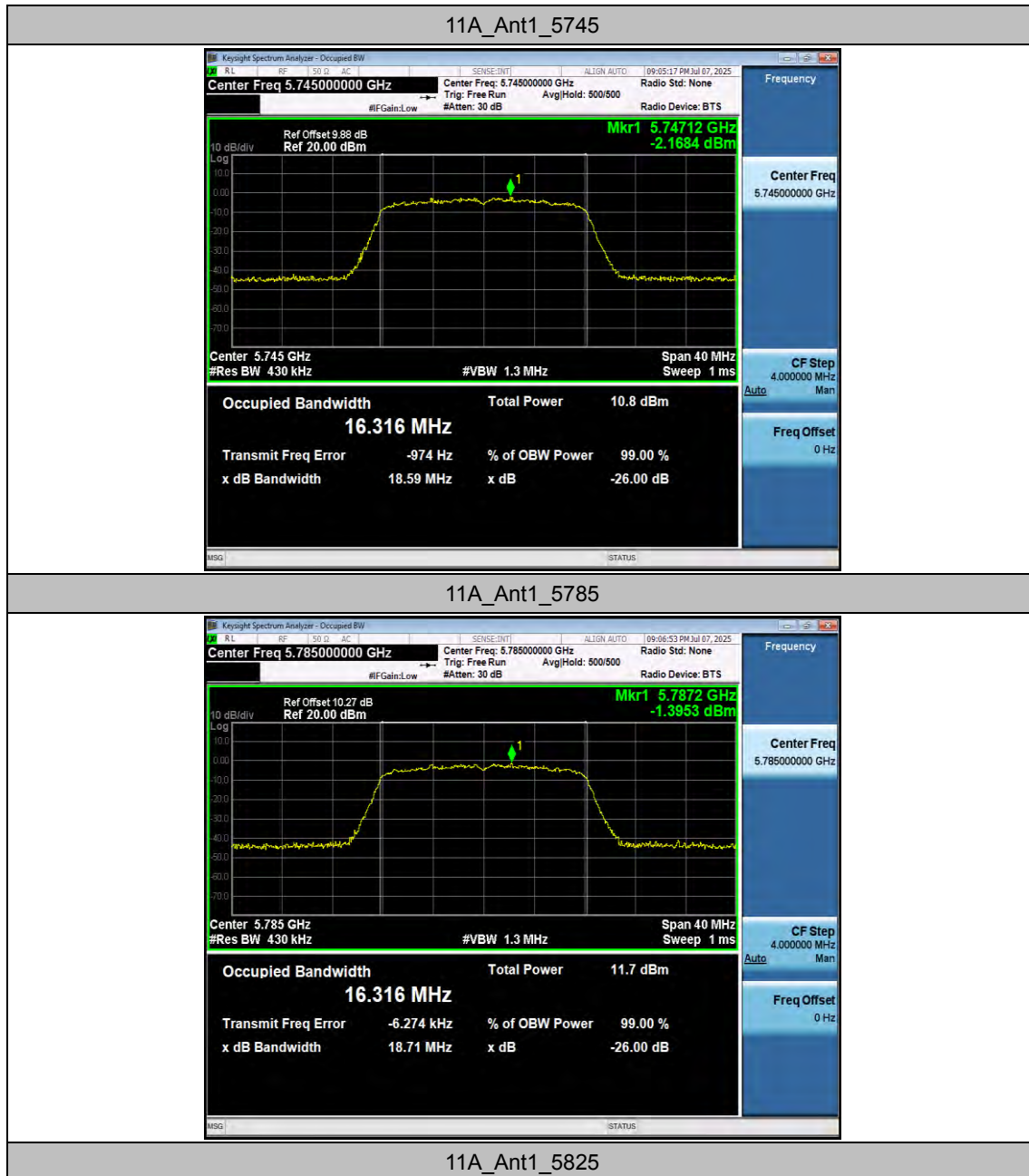
Case No. : <u>GTS20250516011-2-11</u>	
Ambient Condition: <u>22</u> °C, <u>53</u> %RH	
According Standard: ■Part15E	
Test Date: <u>2025.6.13-2025.7.8</u>	Test Engineer: <u>Evan ouyang</u>

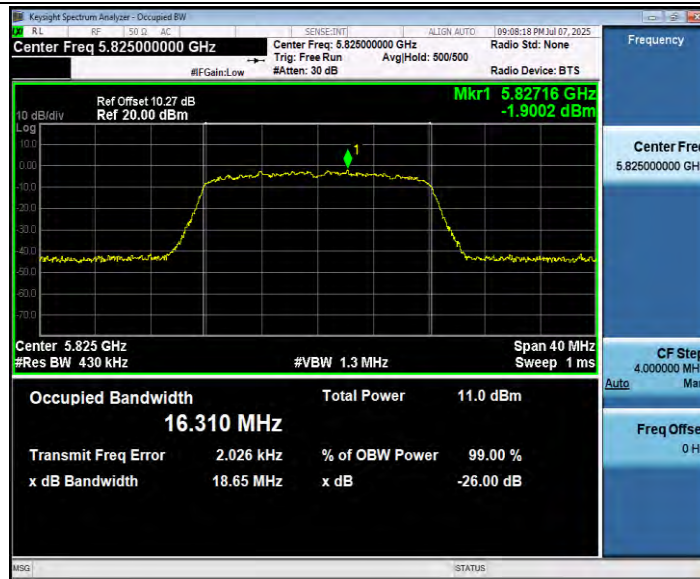
Appendix E.1: Occupied channel bandwidth

Test Result

TestMode	Antenna	Freq(MHz)	OCB [MHz]	FL[MHz]	FH[MHz]	Limit[MHz]	Verdict
11A	Ant1	5745	16.316	5736.8410	5753.1570	---	---
		5785	16.316	5776.8357	5793.1517	---	---
		5825	16.310	5816.8470	5833.1570	---	---
11N20SISO	Ant1	5745	17.385	5736.2944	5753.6794	---	---
		5785	17.360	5776.3050	5793.6650	---	---
		5825	17.386	5816.3008	5833.6868	---	---
11N40SISO	Ant1	5755	35.797	5737.1086	5772.9056	---	---
		5795	35.736	5777.1451	5812.8811	---	---
11AC20SISO	Ant1	5745	17.368	5736.3105	5753.6785	---	---
		5785	17.355	5776.3129	5793.6679	---	---
		5825	17.363	5816.3132	5833.6762	---	---
11AC40SISO	Ant1	5755	35.860	5737.1086	5772.9686	---	---
		5795	35.835	5777.1007	5812.9357	---	---
11AC80SISO	Ant1	5775	75.012	5737.6170	5812.6290	---	---
11AX20SISO	Ant1	5745	18.743	5735.6179	5754.3609	---	---
		5785	18.689	5775.6541	5794.3431	---	---
		5825	18.711	5815.6323	5834.3433	---	---
11AX40SISO	Ant1	5755	37.417	5736.2702	5773.6872	---	---
		5795	37.419	5776.3594	5813.7784	---	---
11AX80SISO	Ant1	5775	76.654	5736.8066	5813.4606	---	---

Test Graphs





11N20SISO_Ant1_5745



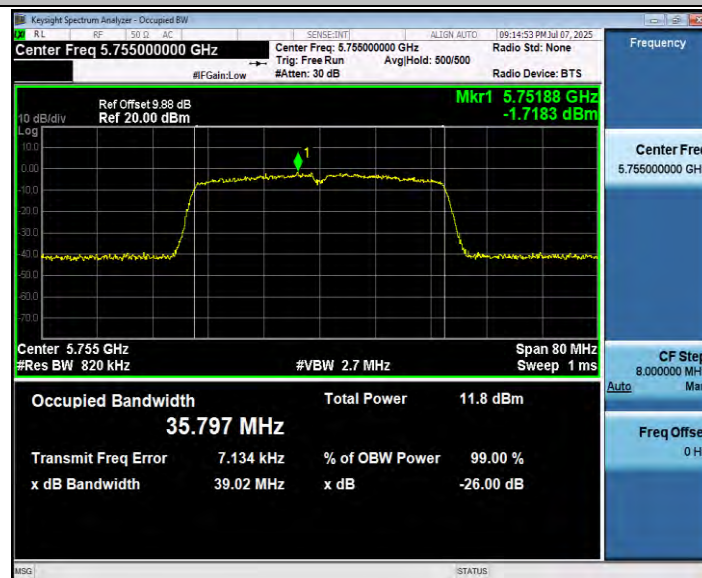
11N20SISO_Ant1_5785



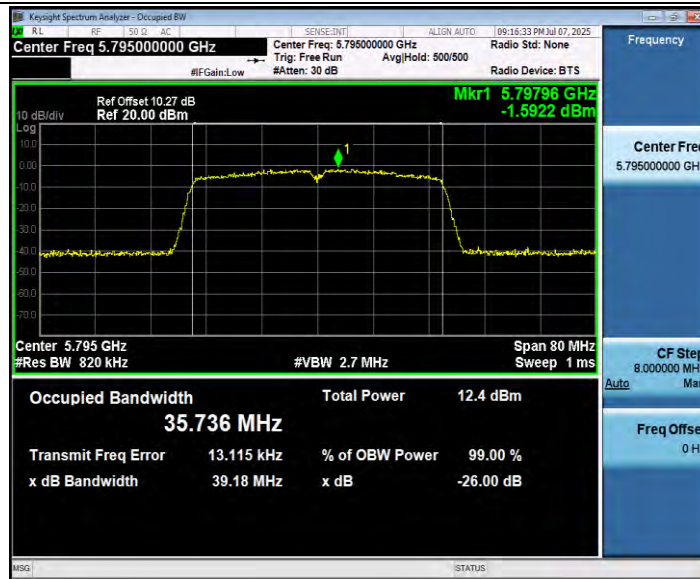
11N20SISO_Ant1_5825



11N40SISO_Ant1_5755



11N40SISO_Ant1_5795



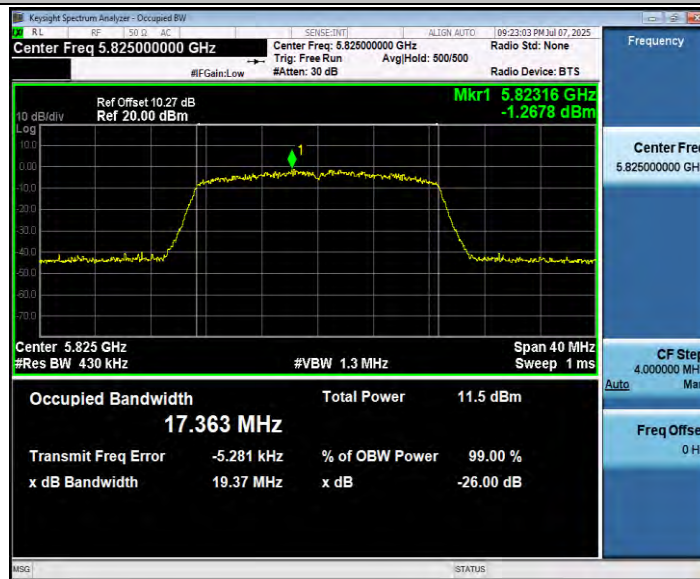
11AC20SISO_Ant1_5745



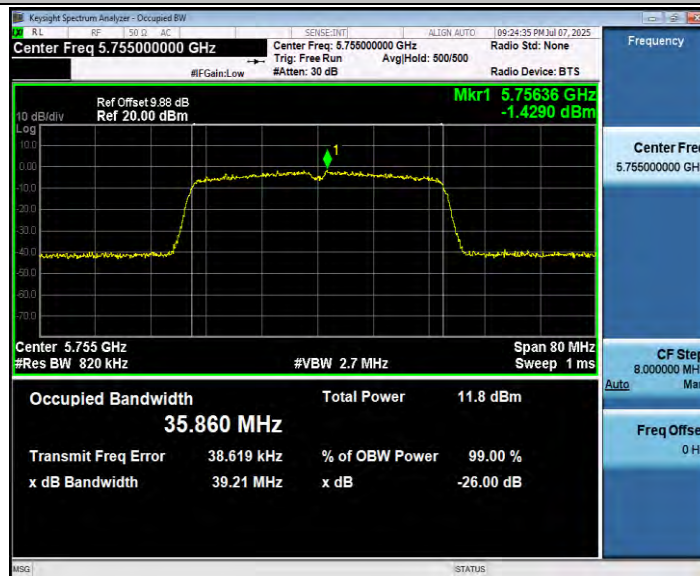
11AC20SISO_Ant1_5785



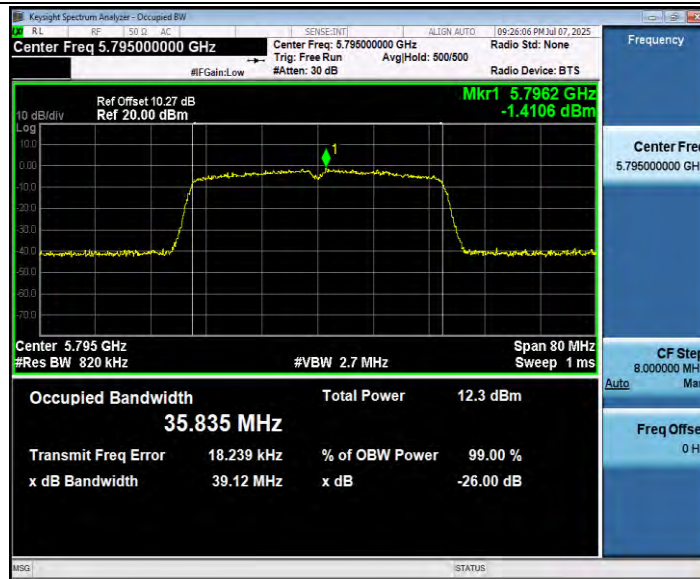
11AC20SISO_Ant1_5825



11AC40SISO_Ant1_5755



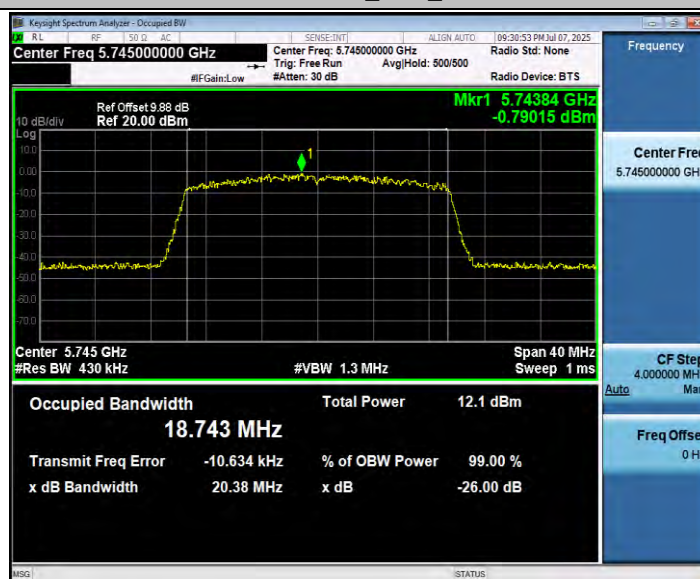
11AC40SISO_Ant1_5795



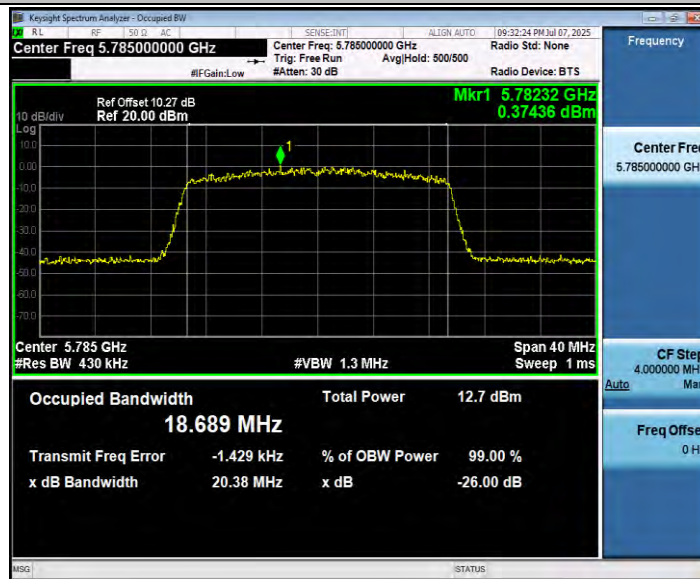
11AC80SISO_Ant1_5775



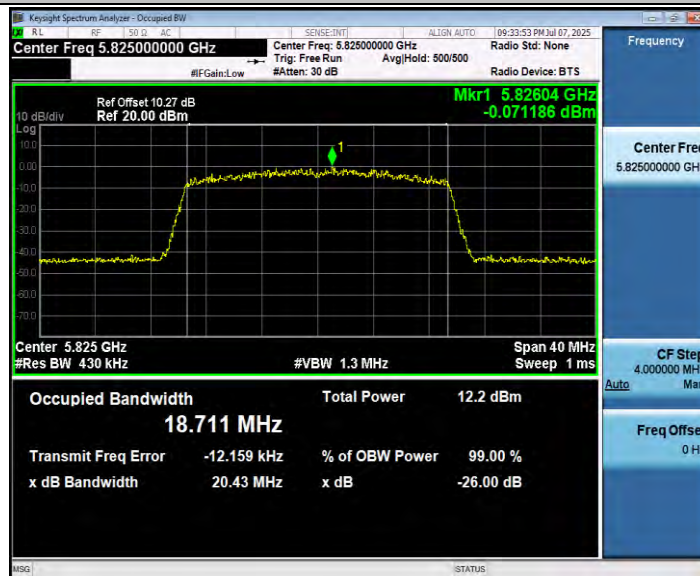
11AX20SISO_Ant1_5745



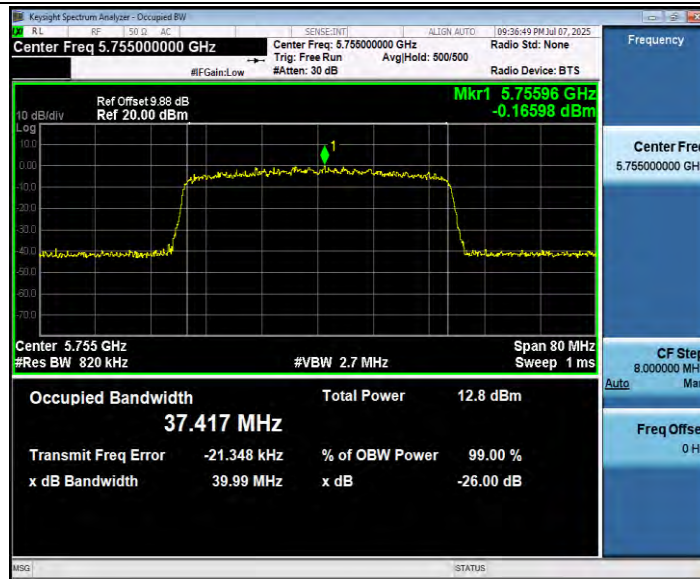
11AX20SISO_Ant1_5785



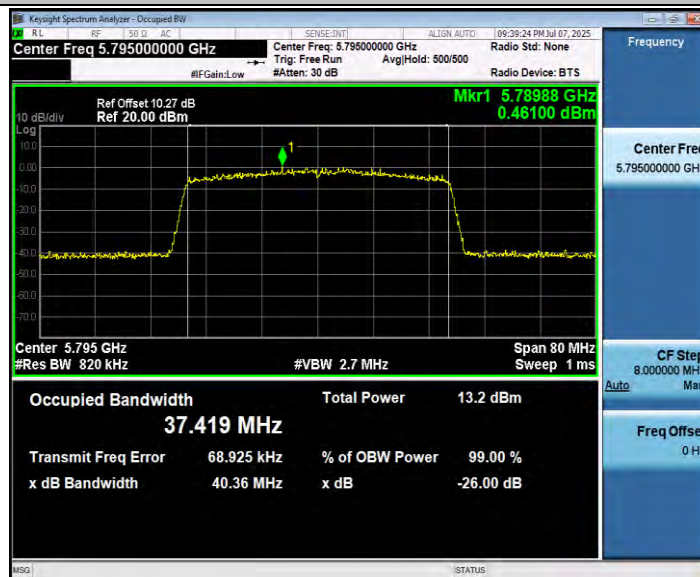
11AX20SISO_Ant1_5825



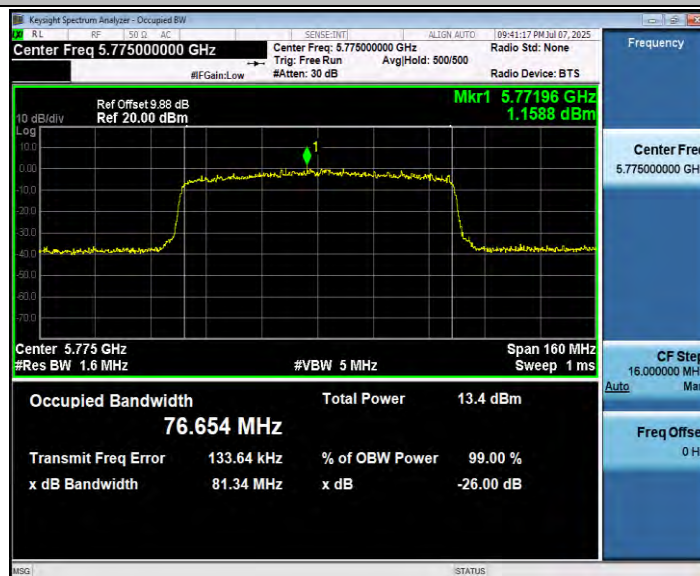
11AX40SISO_Ant1_5755



11AX40SISO_Ant1_5795



11AX80SISO_Ant1_5775

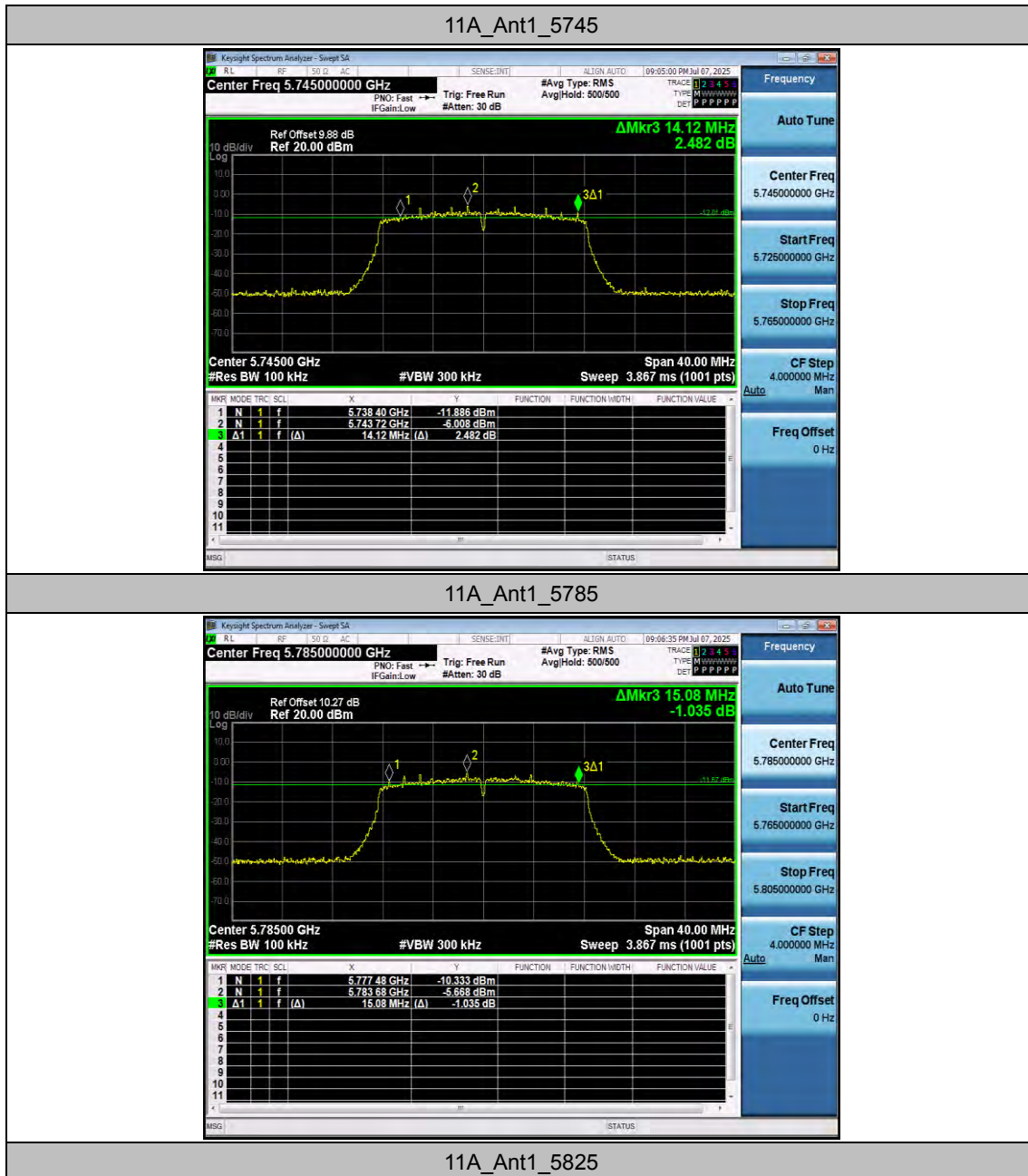


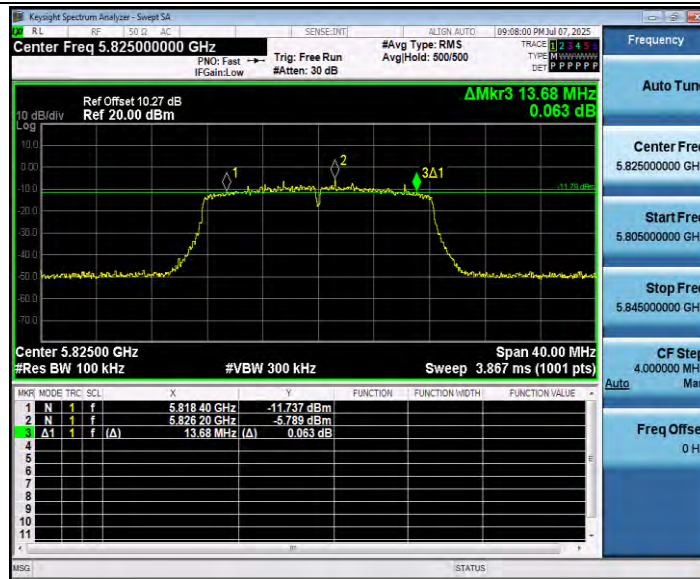
Appendix E.2: Min emission bandwidth

Test Result B4

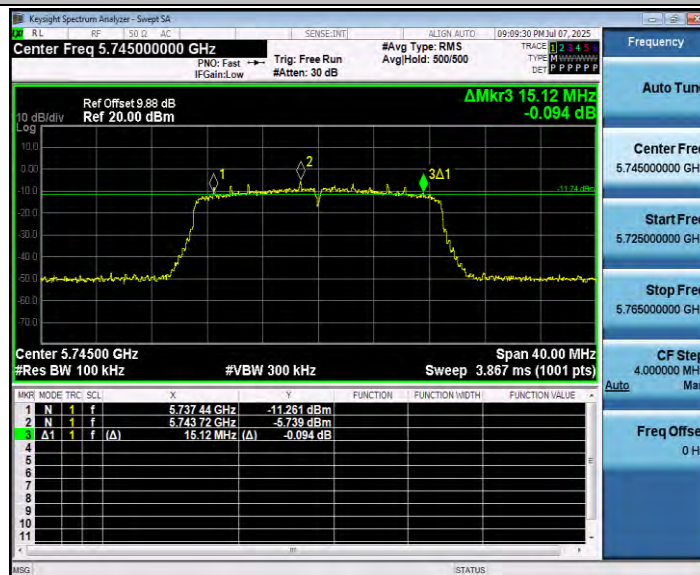
TestMode	Antenna	Freq(MHz)	6db EBW [MHz]	FL[MHz]	FH[MHz]	Limit[MHz]	Verdict
11A	Ant1	5745	14.120	5738.400	5752.520	0.5	PASS
		5785	15.080	5777.480	5792.560	0.5	PASS
		5825	13.680	5818.400	5832.080	0.5	PASS
11N20SISO	Ant1	5745	15.120	5737.440	5752.560	0.5	PASS
		5785	15.240	5777.520	5792.760	0.5	PASS
		5825	15.080	5817.400	5832.480	0.5	PASS
11N40SISO	Ant1	5755	35.120	5737.400	5772.520	0.5	PASS
		5795	33.760	5778.760	5812.520	0.5	PASS
11AC20SISO	Ant1	5745	15.040	5737.480	5752.520	0.5	PASS
		5785	15.680	5776.960	5792.640	0.5	PASS
		5825	13.360	5819.120	5832.480	0.5	PASS
11AC40SISO	Ant1	5755	34.400	5737.400	5771.800	0.5	PASS
		5795	35.040	5777.480	5812.520	0.5	PASS
11AC80SISO	Ant1	5775	73.920	5738.680	5812.600	0.5	PASS
11AX20SISO	Ant1	5745	14.920	5737.720	5752.640	0.5	PASS
		5785	16.200	5777.320	5793.520	0.5	PASS
		5825	15.240	5817.600	5832.840	0.5	PASS
11AX40SISO	Ant1	5755	35.120	5737.400	5772.520	0.5	PASS
		5795	34.080	5778.440	5812.520	0.5	PASS
11AX80SISO	Ant1	5775	73.920	5738.680	5812.600	0.5	PASS

Test Graphs B4

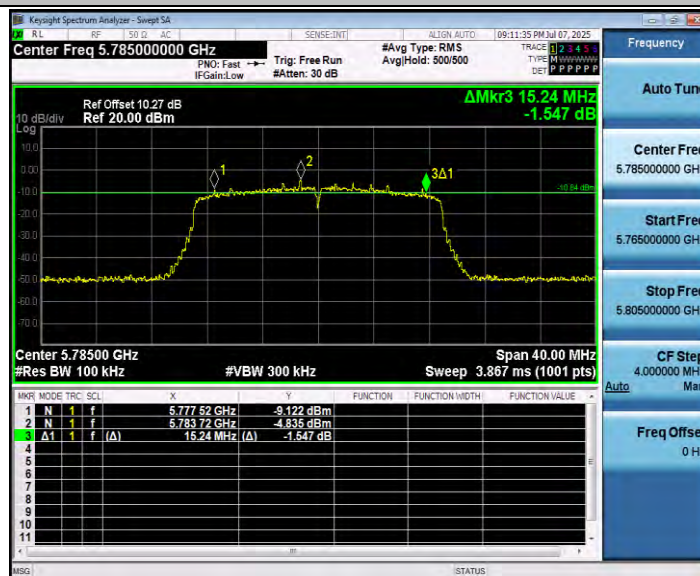


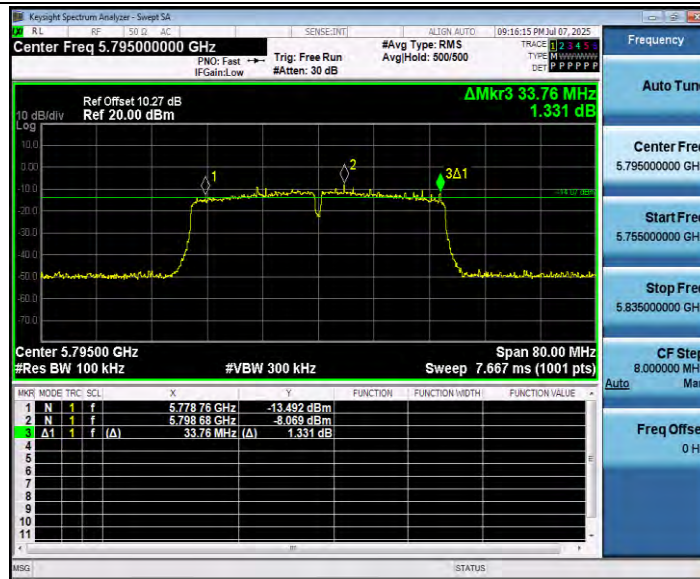


11N20SISO_Ant1_5745

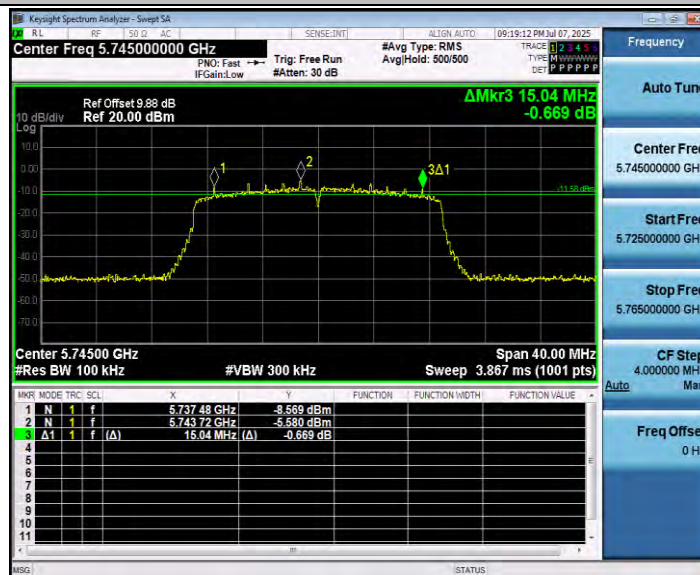


11N20SISO_Ant1_5785

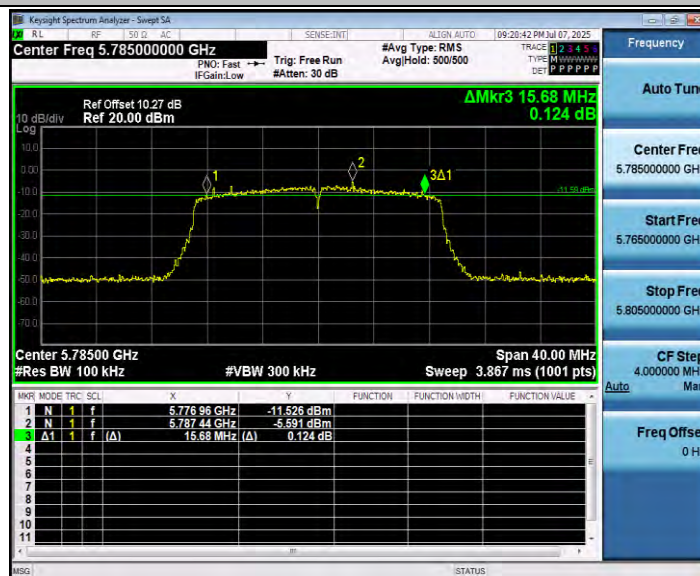




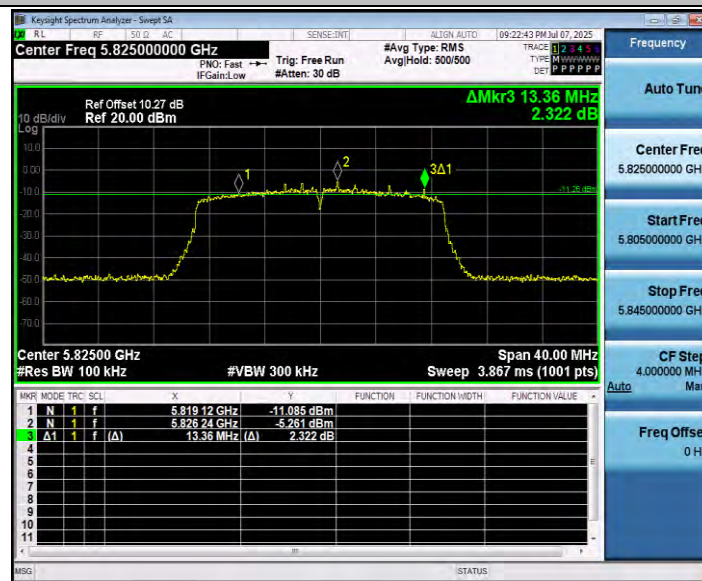
11AC20SISO_Ant1_5745



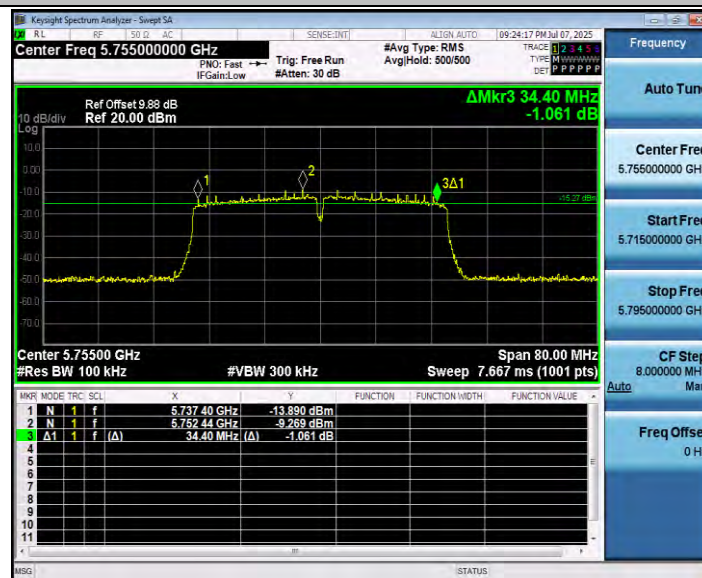
11AC20SISO_Ant1_5785



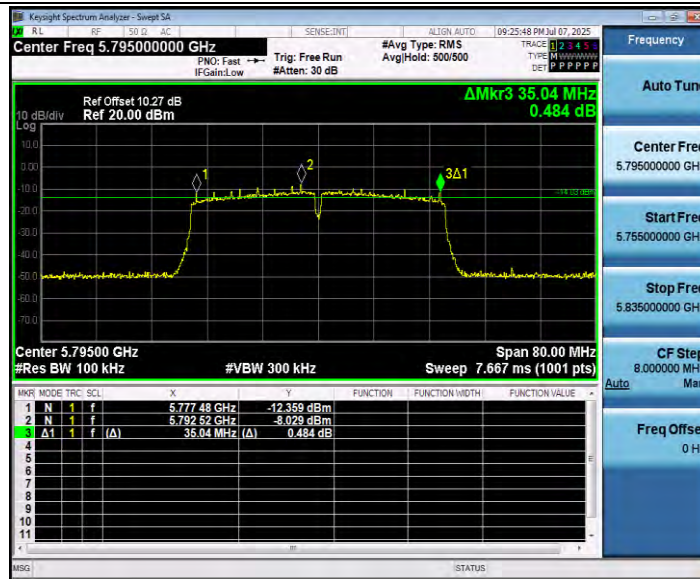
11AC20SISO_Ant1_5825



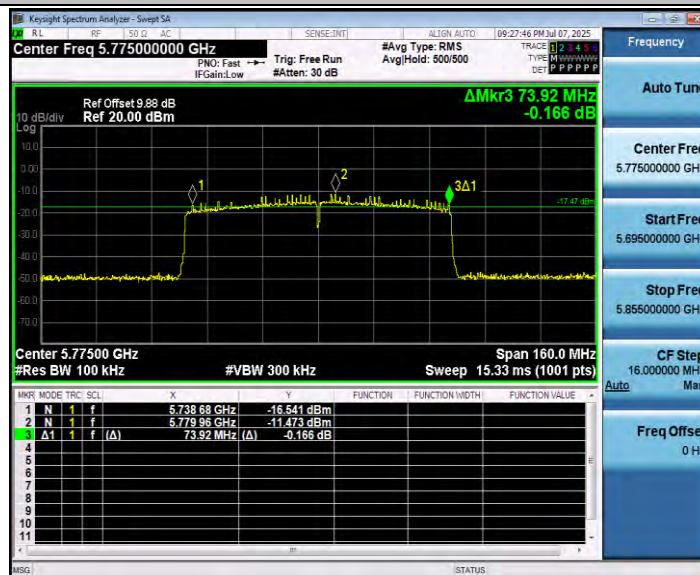
11AC40SISO_Ant1_5755



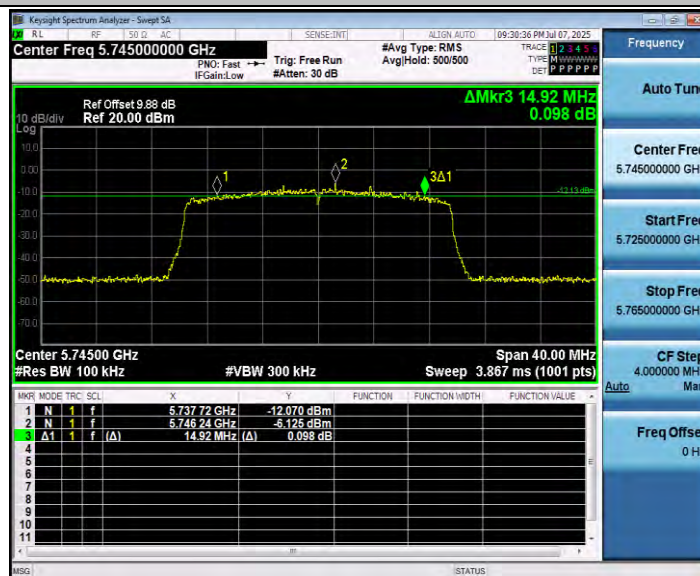
11AC40SISO_Ant1_5795



11AC80SISO_Ant1_5775



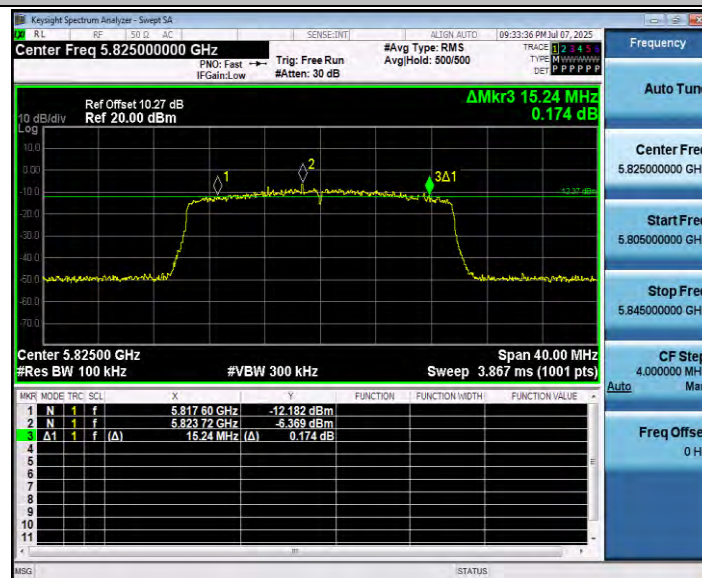
11AX20SISO_Ant1_5745



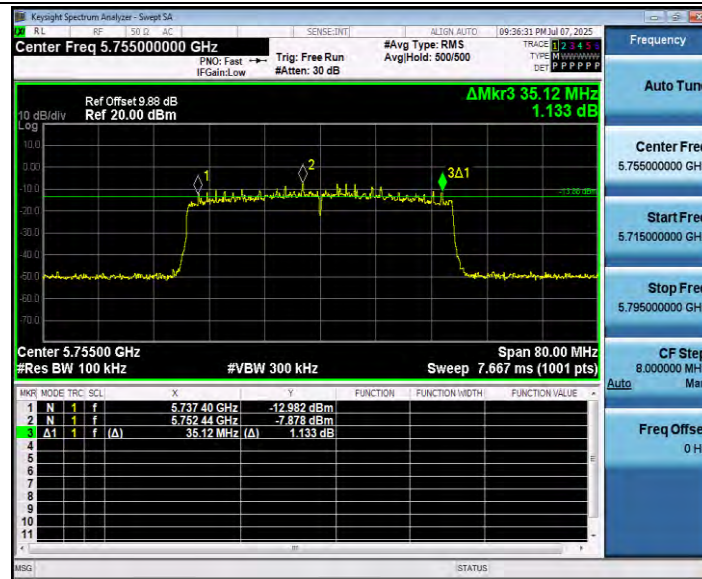
11AX20SISO_Ant1_5785



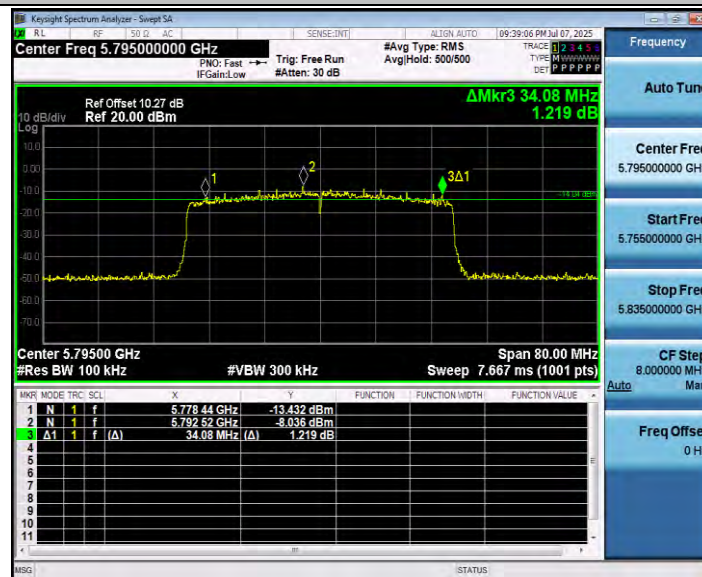
11AX20SISO_Ant1_5825



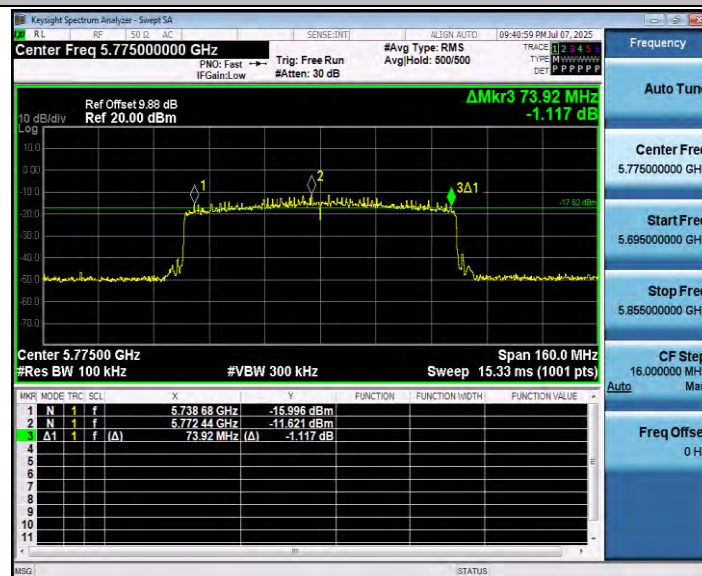
11AX40SISO_Ant1_5755



11AX40SISO_Ant1_5795



11AX80SISO_Ant1_5775

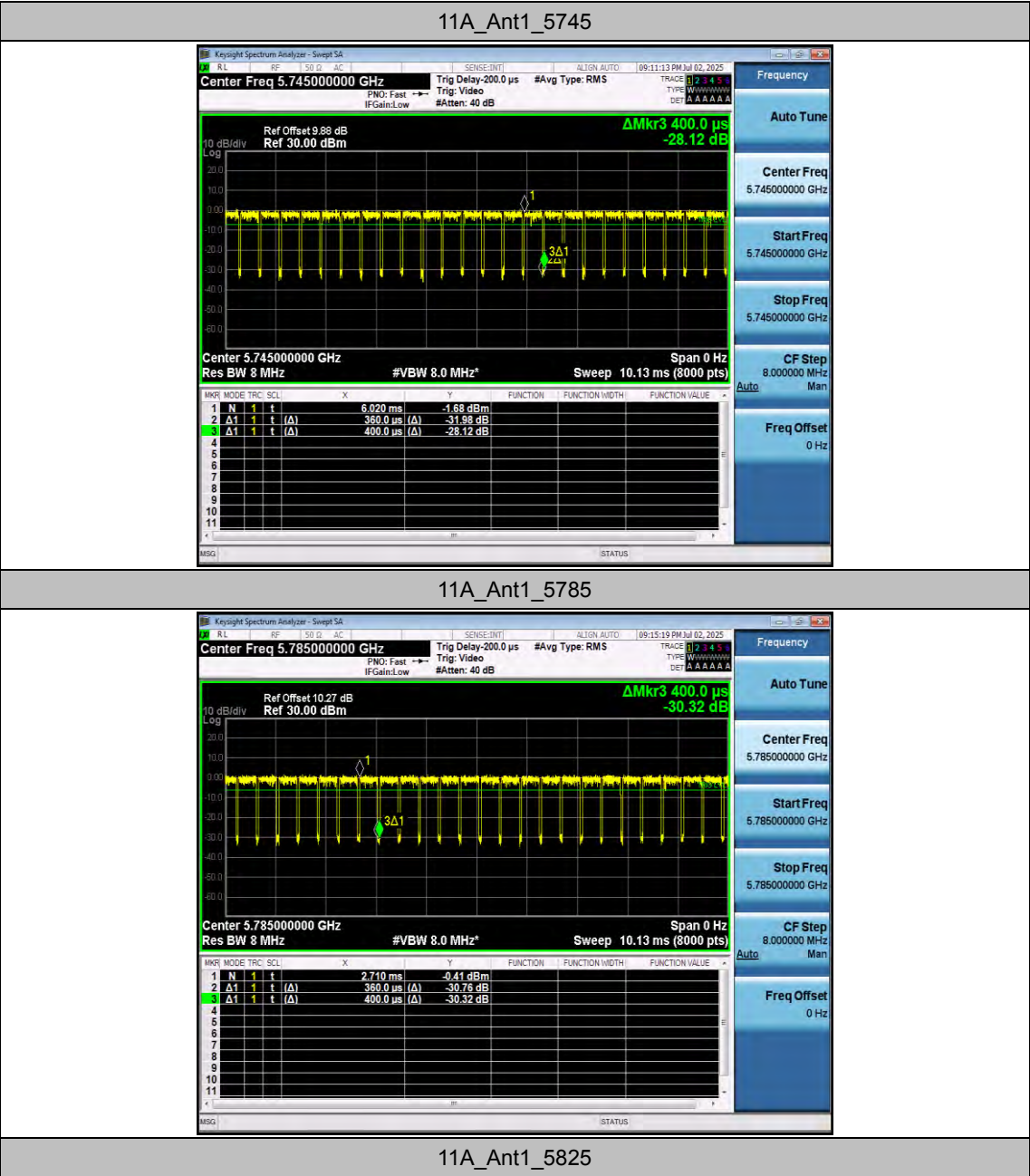


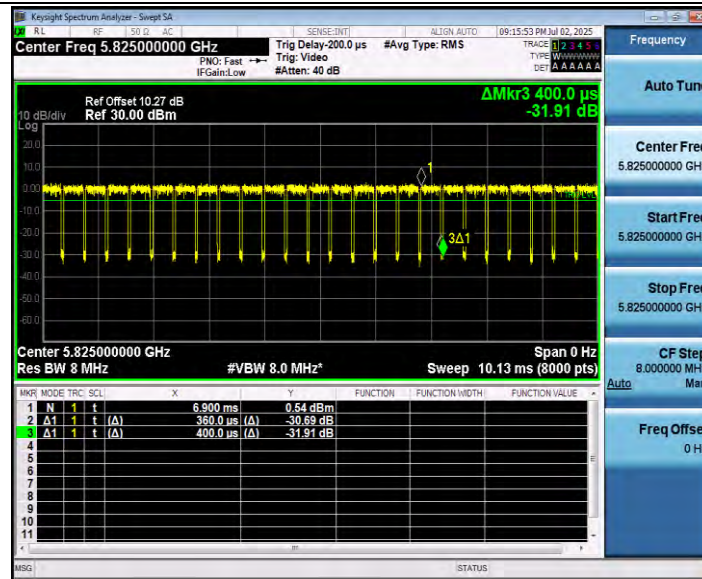
Appendix E.3: Duty Cycle

Test Result

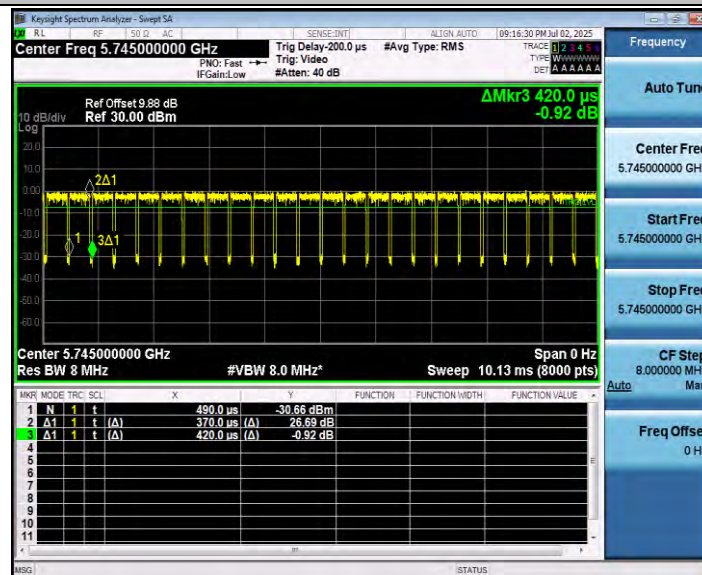
TestMode	Antenna	Freq(MHz)	Transmission Duration [ms]	Transmission Period [ms]	Duty Cycle [%]	Duty Cycle Factor[dB]	1/T Factor[KHz]
11A	Ant1	5745	0.36	0.40	90.00	0.46	2.78
		5785	0.36	0.40	90.00	0.46	2.78
		5825	0.36	0.40	90.00	0.46	2.78
11N20SISO	Ant1	5745	0.37	0.42	88.10	0.55	2.70
		5785	0.37	0.42	88.10	0.55	2.70
		5825	0.37	0.42	88.10	0.55	2.70
11N40SISO	Ant1	5755	0.94	1.22	77.05	1.13	1.06
		5795	0.38	0.43	88.37	0.54	2.63
11AC20SISO	Ant1	5745	1.90	2.13	89.20	0.50	0.53
		5785	0.37	0.42	88.10	0.55	2.70
		5825	0.37	0.42	88.10	0.55	2.70
11AC40SISO	Ant1	5755	0.93	1.10	84.55	0.73	1.08
		5795	0.93	1.16	80.17	0.96	1.08
11AC80SISO	Ant1	5775	0.45	0.69	65.22	1.86	2.22
11AX20SISO	Ant1	5745	0.37	0.42	88.10	0.55	2.70
		5785	0.37	0.42	88.10	0.55	2.70
		5825	0.37	0.42	88.10	0.55	2.70
11AX40SISO	Ant1	5755	0.37	0.42	88.10	0.55	2.70
		5795	0.37	0.42	88.10	0.55	2.70
11AX80SISO	Ant1	5775	0.40	0.77	51.95	2.84	2.50

Test Graphs

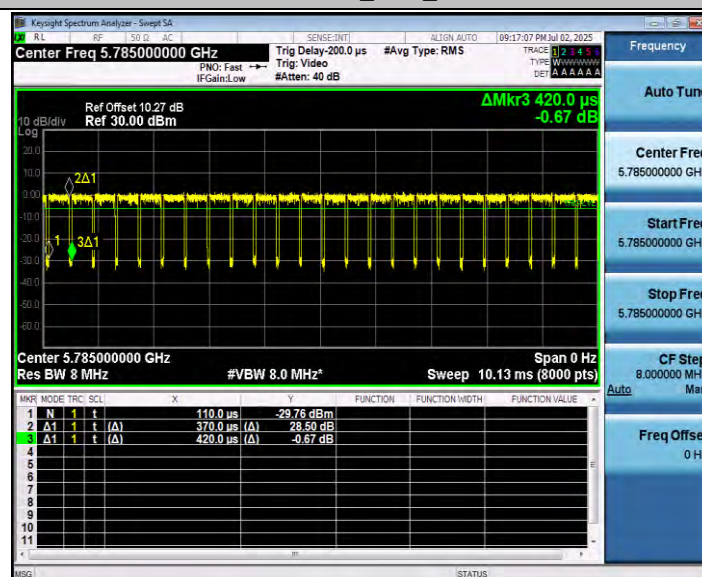




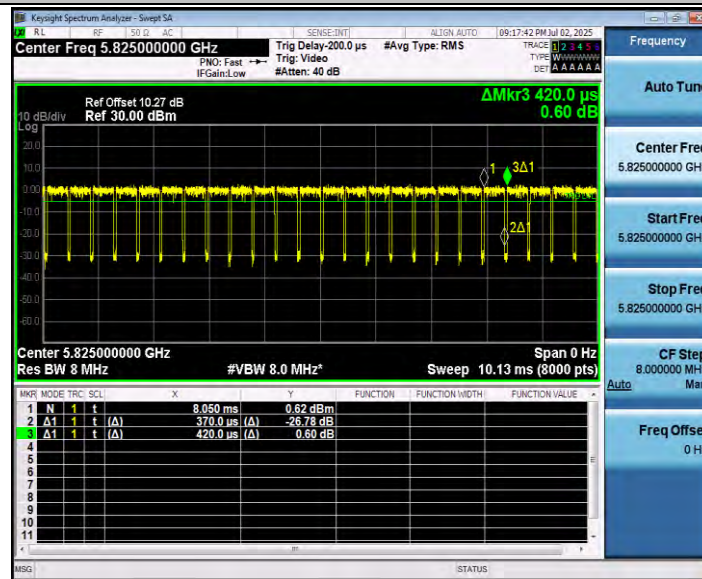
11N20SISO_Ant1_5745



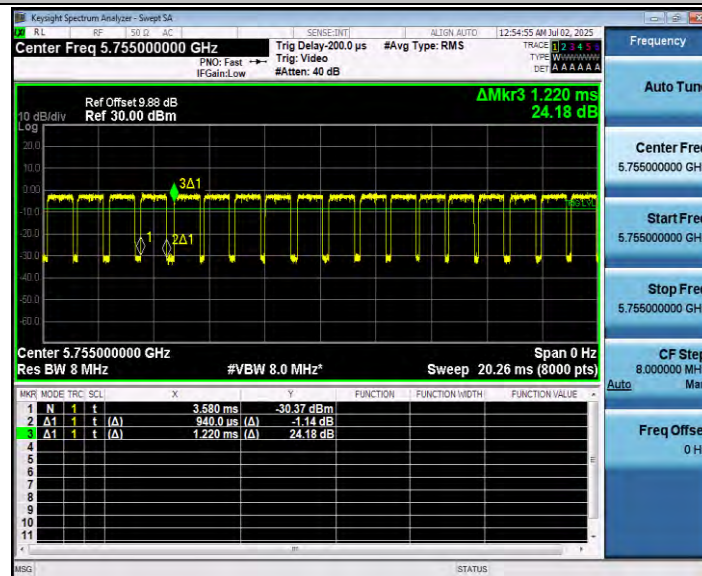
11N20SISO_Ant1_5785



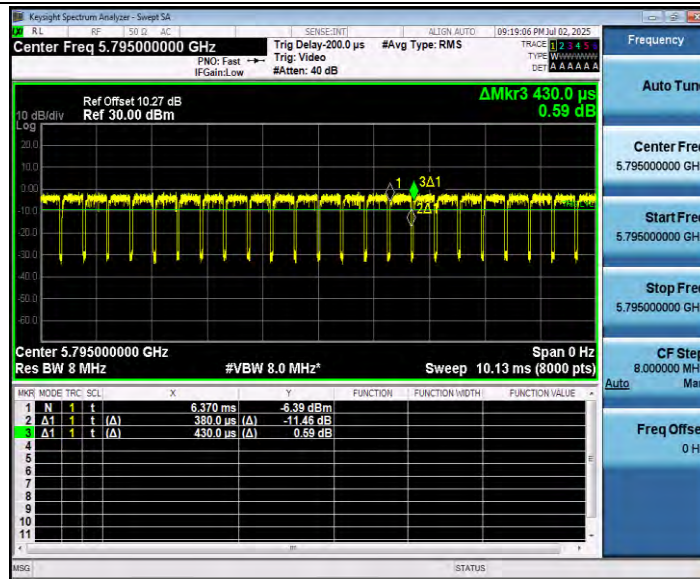
11N20SISO_Ant1_5825



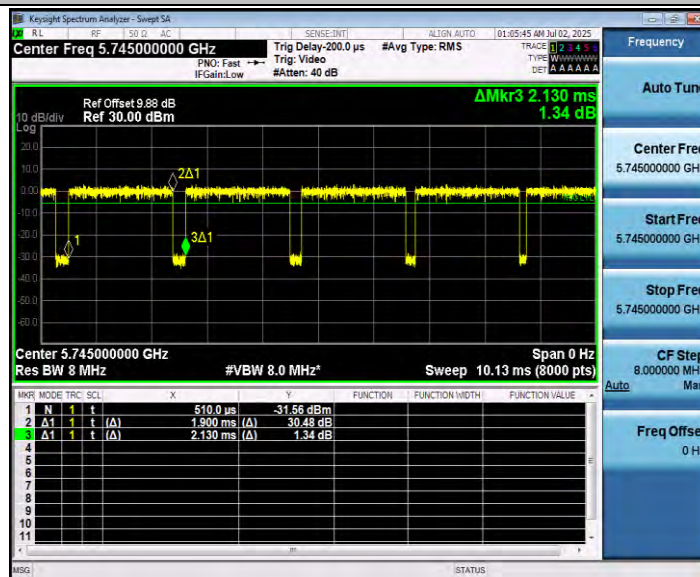
11N40SISO_Ant1_5755



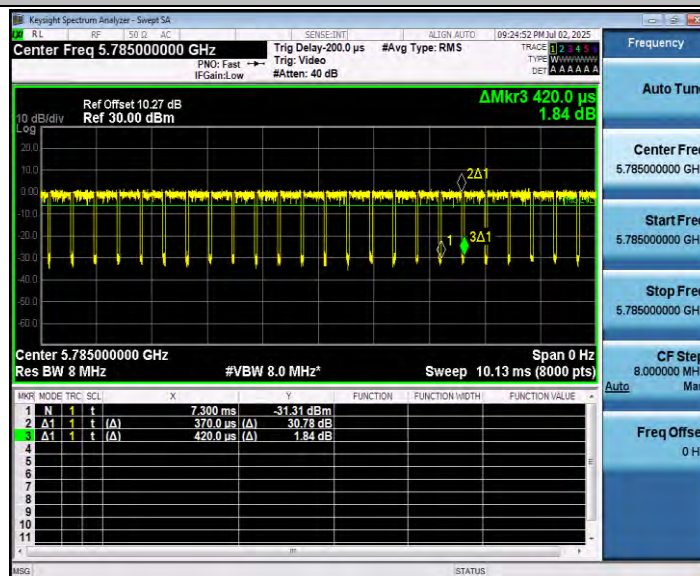
11N40SISO_Ant1_5795

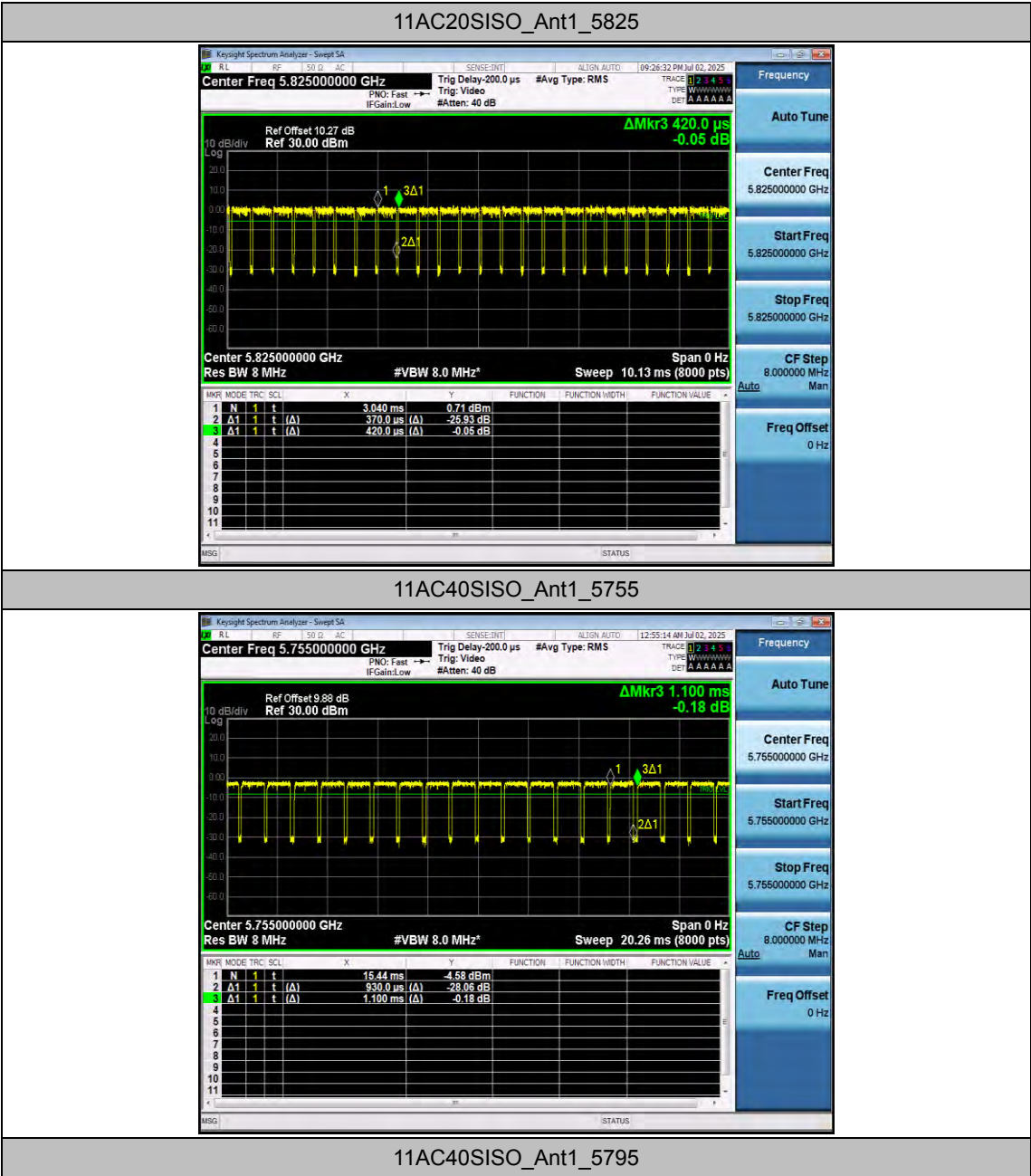


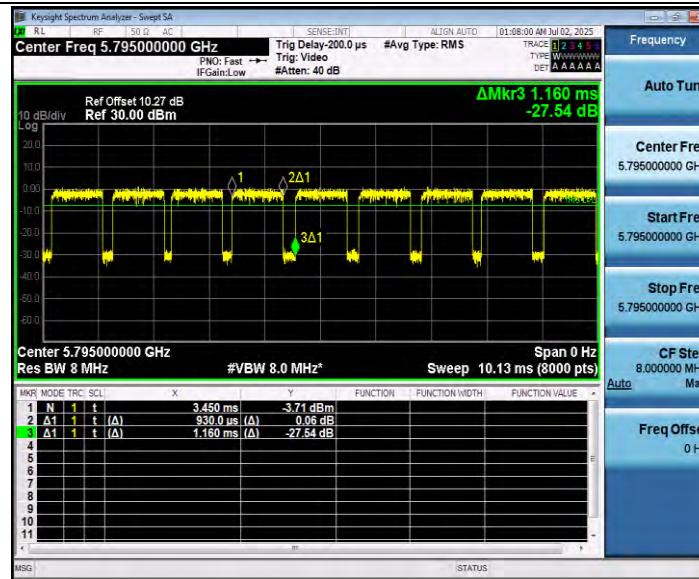
11AC20SISO_Ant1_5745



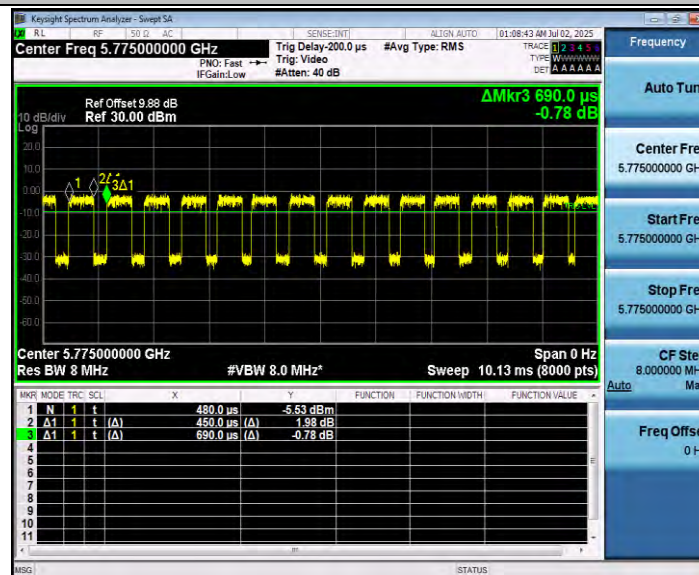
11AC20SISO_Ant1_5785



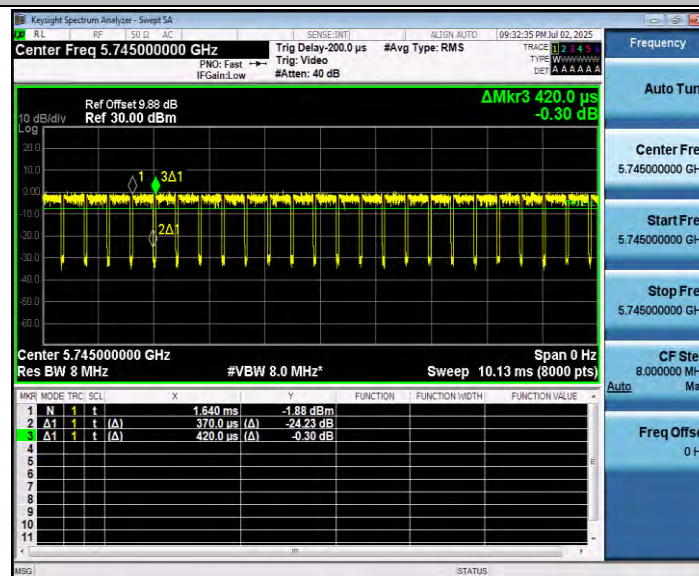




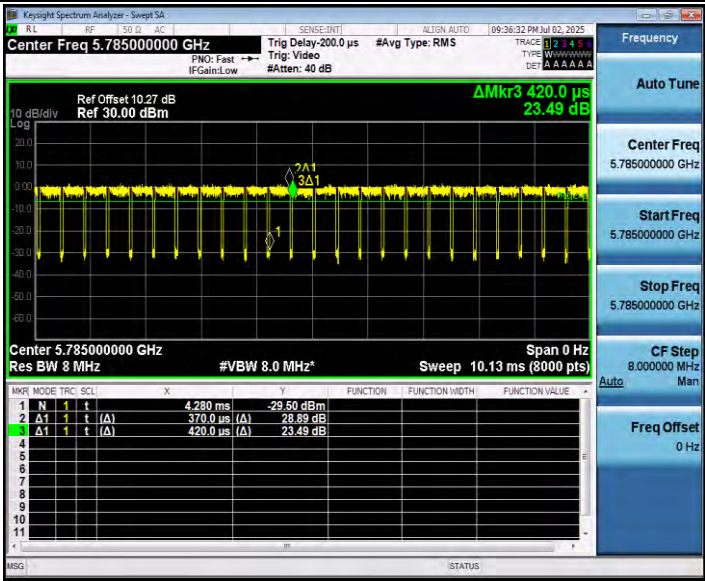
11AC80SISO_Ant1_5775



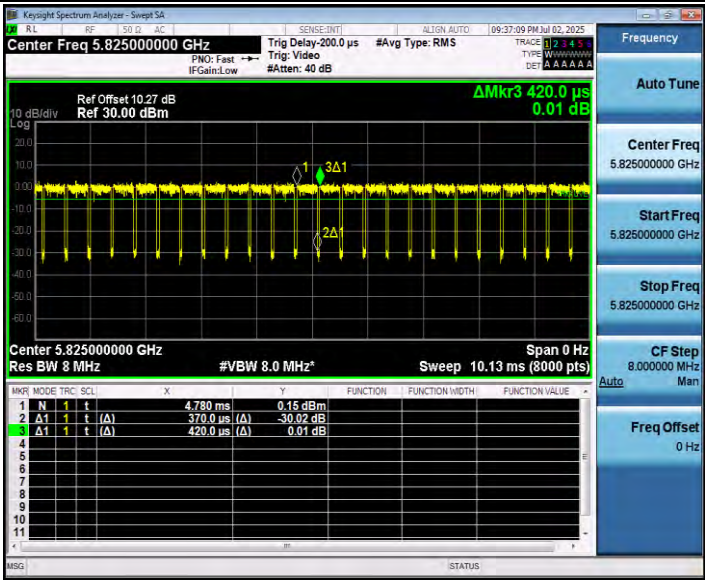
11AX20SISO_Ant1_5745



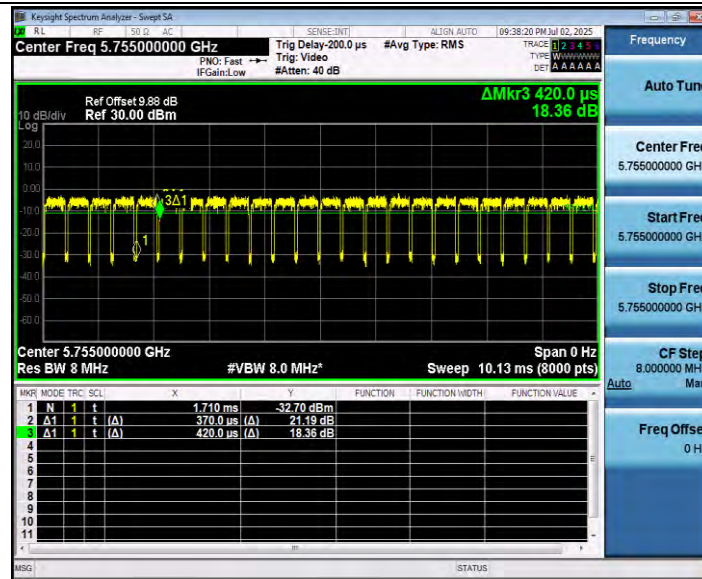
11AX20SISO_Ant1_5785



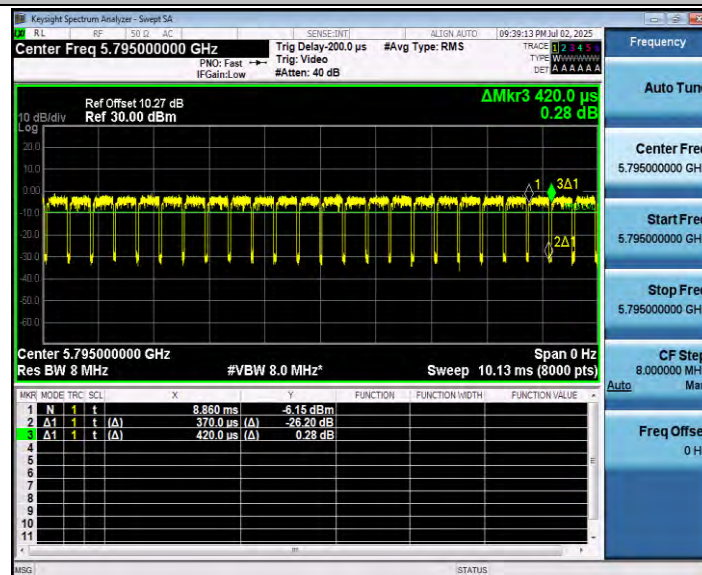
11AX20SISO_Ant1_5825



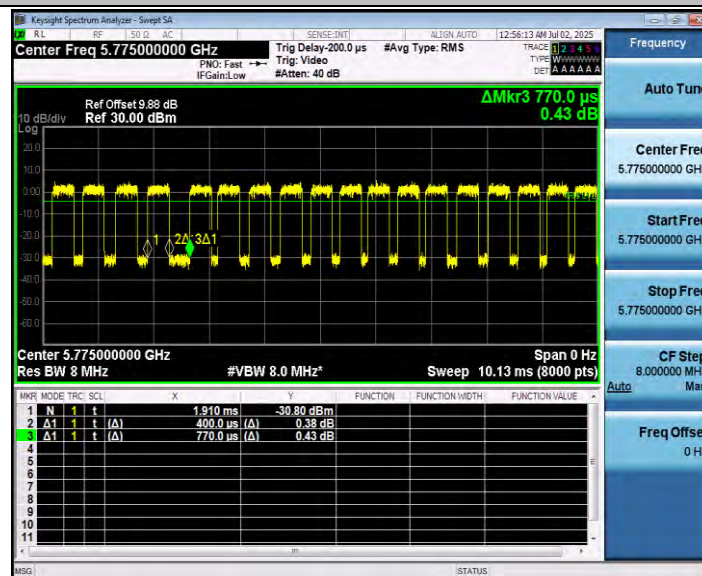
11AX40SISO_Ant1_5755



11AX40SISO_Ant1_5795



11AX80SISO_Ant1_5775



Appendix E.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	3.84	90.00	0.46	4.30	≤30.00	PASS
		5785	4.94	90.00	0.46	5.40	≤30.00	PASS
		5825	4.40	90.00	0.46	4.86	≤30.00	PASS
11N20SISO	Ant1	5745	3.96	88.10	0.55	4.51	≤30.00	PASS
		5785	4.66	88.10	0.55	5.21	≤30.00	PASS
		5825	3.89	88.10	0.55	4.44	≤30.00	PASS
11N40SISO	Ant1	5755	3.50	77.05	1.13	4.63	≤30.00	PASS
		5795	4.41	88.37	0.54	4.95	≤30.00	PASS
11AC20SISO	Ant1	5745	3.98	89.20	0.50	4.48	≤30.00	PASS
		5785	4.82	88.10	0.55	5.37	≤30.00	PASS
		5825	4.13	88.10	0.55	4.68	≤30.00	PASS
11AC40SISO	Ant1	5755	5.14	84.55	0.73	5.87	≤30.00	PASS
		5795	4.63	80.17	0.96	5.59	≤30.00	PASS
11AC80SISO	Ant1	5775	3.03	65.22	1.86	4.89	≤30.00	PASS
11AX20SISO	Ant1	5745	3.17	88.10	0.55	3.72	≤30.00	PASS
		5785	4.46	88.10	0.55	5.01	≤30.00	PASS
		5825	3.53	88.10	0.55	4.08	≤30.00	PASS
11AX40SISO	Ant1	5755	4.97	88.10	0.55	5.52	≤30.00	PASS
		5795	4.26	88.10	0.55	4.81	≤30.00	PASS
11AX80SISO	Ant1	5775	3.18	51.95	2.84	6.02	≤30.00	PASS

Appendix E.5: Maximum power spectral density

Test Result

TestMode	Antenna	Freq(MHz)	Result [dBm/MHz]	Limit[dBm/MHz]	Verdict
11A	Ant1	5745	-13.12	≤30.00	PASS
		5785	-11.70	≤30.00	PASS
		5825	-10.70	≤30.00	PASS
11N20SISO	Ant1	5745	-13.08	≤30.00	PASS
		5785	-11.85	≤30.00	PASS
		5825	-10.75	≤30.00	PASS
11N40SISO	Ant1	5755	-16.62	≤30.00	PASS
		5795	-14.37	≤30.00	PASS
11AC20SISO	Ant1	5745	-13.26	≤30.00	PASS
		5785	-11.69	≤30.00	PASS
		5825	-10.70	≤30.00	PASS
11AC40SISO	Ant1	5755	-16.62	≤30.00	PASS
		5795	-14.38	≤30.00	PASS
11AC80SISO	Ant1	5775	-18.27	≤30.00	PASS
11AX20SISO	Ant1	5745	-13.58	≤30.00	PASS
		5785	-12.26	≤30.00	PASS
		5825	-11.09	≤30.00	PASS
11AX40SISO	Ant1	5755	-16.39	≤30.00	PASS
		5795	-14.91	≤30.00	PASS
11AX80SISO	Ant1	5775	-18.80	≤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

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



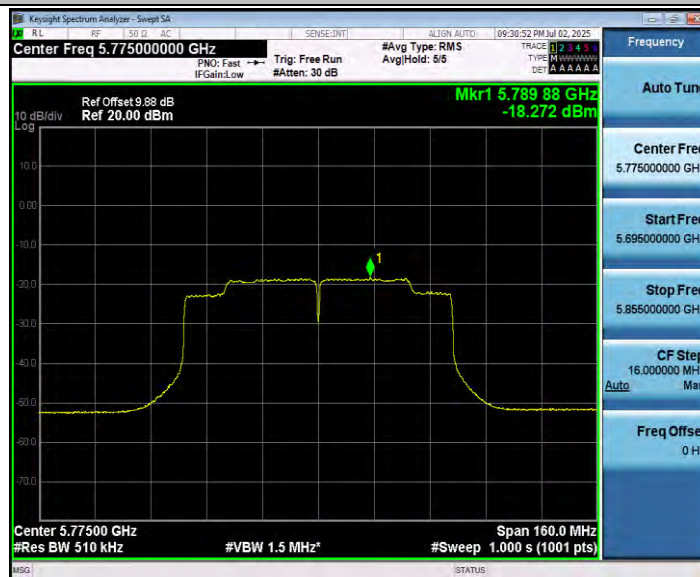
11AC40SISO_Ant1_5755



11AC40SISO_Ant1_5795



11AC80SISO_Ant1_5775



11AX20SISO_Ant1_5745



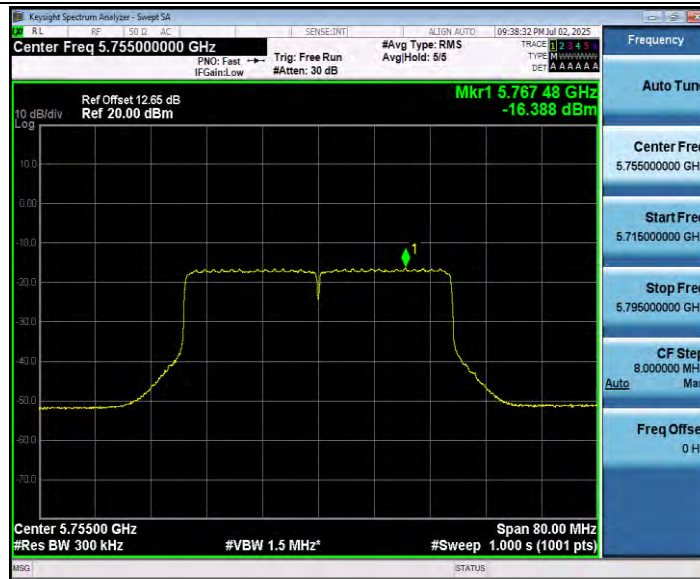
11AX20SISO_Ant1_5785



11AX20SISO_Ant1_5825



11AX40SISO_Ant1_5755



11AX40SISO_Ant1_5795



11AX80SISO_Ant1_5775

