

Case No. : <u>GTS20260616001-3-02</u>
Ambient Condition: <u>23</u> °C, <u>62</u> %RH
According Standard: <u>■Part15E</u>
Test Date: <u>2026.6.17-2026.7.1</u> Test Engineer: <u>Evan ouyang</u>

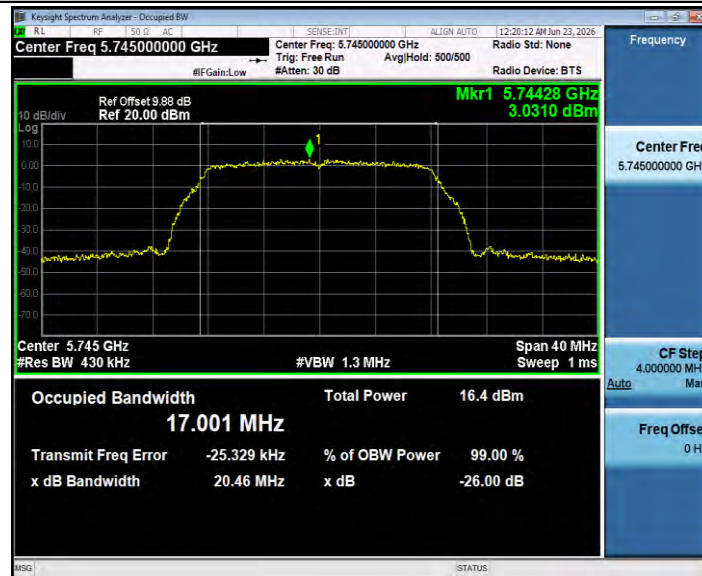
Appendix C.1: Occupied channel bandwidth

Test Result

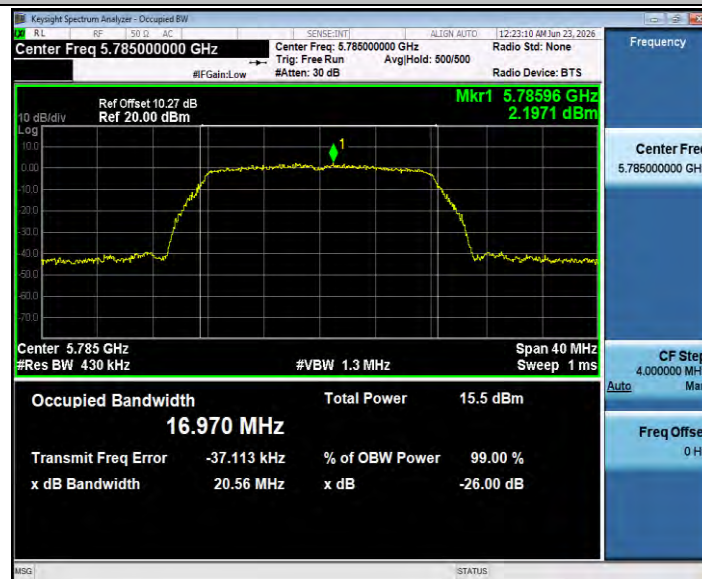
TestMode	Antenna	Freq(MHz)	OCB [MHz]	FL[MHz]	FH[MHz]	Limit[MHz]	Verdict
11A	Ant4	5745	17.001	5736.4742	5753.4752	---	---
		5785	16.970	5776.4779	5793.4479	---	---
		5825	16.929	5816.5190	5833.4480	---	---
11N20SISO	Ant4	5745	17.932	5736.0228	5753.9548	---	---
		5785	17.905	5776.0214	5793.9264	---	---
		5825	17.895	5816.0169	5833.9119	---	---
11N40SISO	Ant4	5755	36.080	5736.9436	5773.0236	---	---
		5795	36.237	5776.7972	5813.0342	---	---
11AC20SISO	Ant4	5745	17.773	5736.0824	5753.8554	---	---
		5785	17.749	5776.0775	5793.8265	---	---
		5825	17.730	5816.1046	5833.8346	---	---
11AC40SISO	Ant4	5755	35.959	5737.0469	5773.0059	---	---
		5795	35.921	5777.0377	5812.9587	---	---
11AC80SISO	Ant4	5775	74.800	5737.5522	5812.3522	---	---
11AX20SISO	Ant4	5745	19.276	5735.3549	5754.6309	---	---
		5785	19.250	5775.3513	5794.6013	---	---
		5825	19.196	5815.3794	5834.5754	---	---
11AX40SISO	Ant4	5755	37.503	5736.2374	5773.7404	---	---
		5795	37.555	5776.1776	5813.7326	---	---
11AX80SISO	Ant4	5775	76.574	5736.6373	5813.2113	---	---

Test Graphs

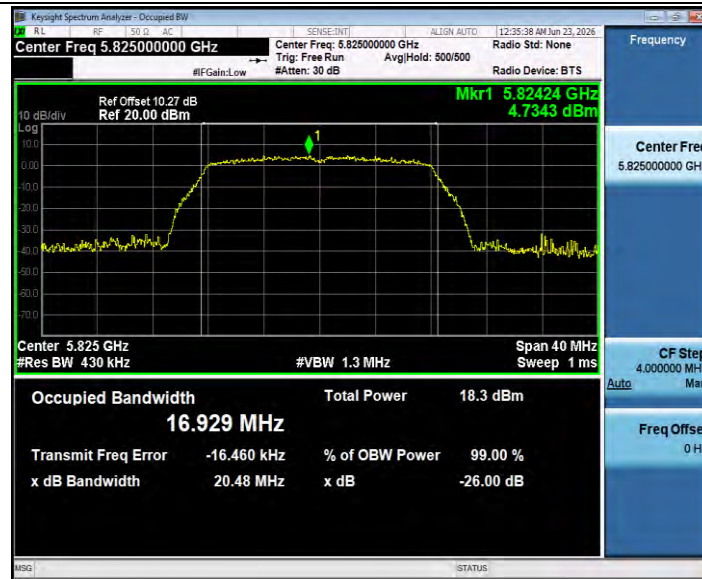
11A_Ant4_5745



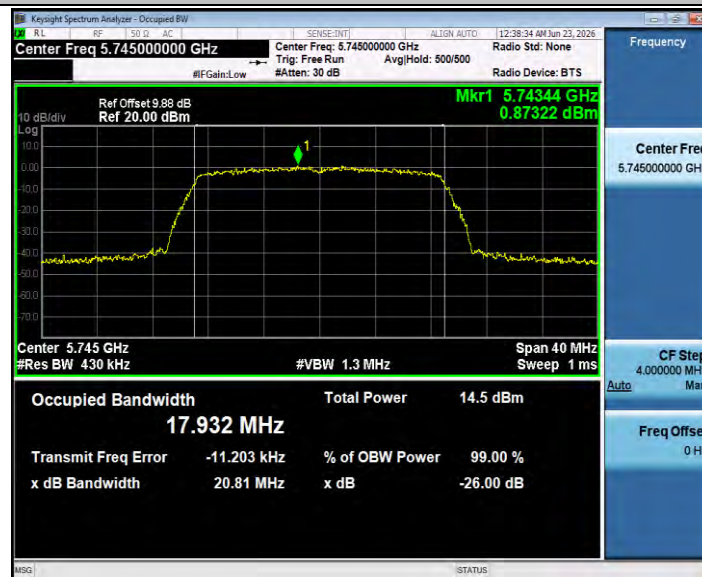
11A_Ant4_5785



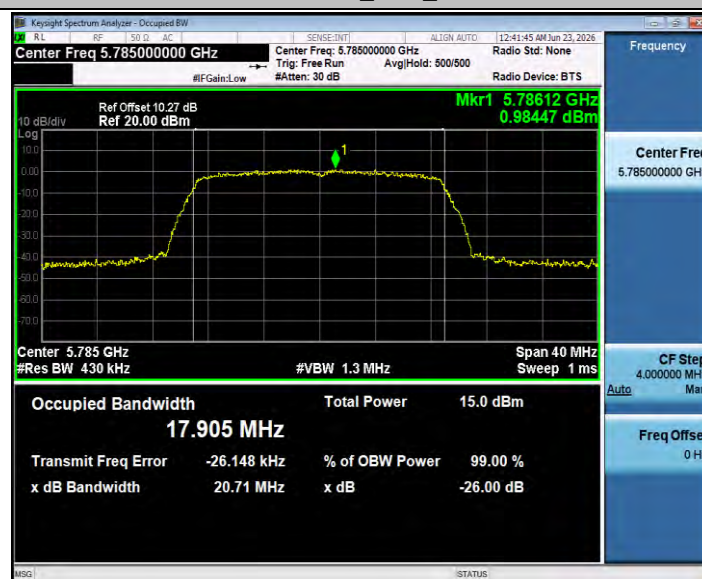
11A_Ant4_5825



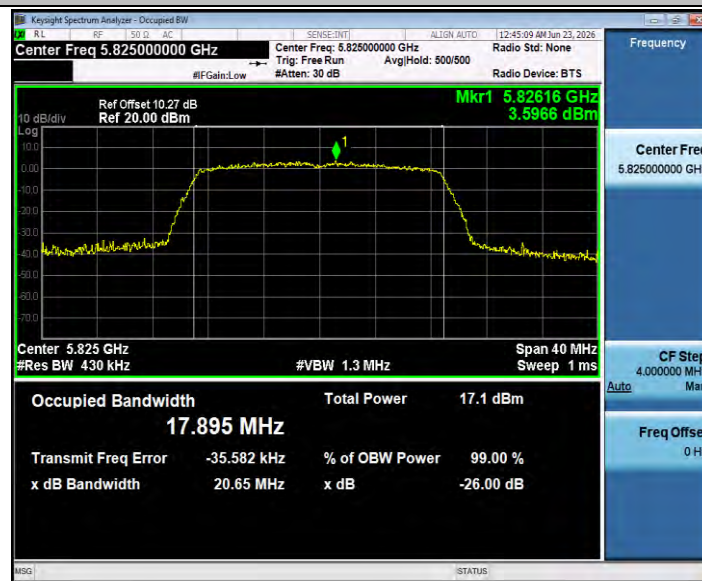
11N20SISO_Ant4_5745



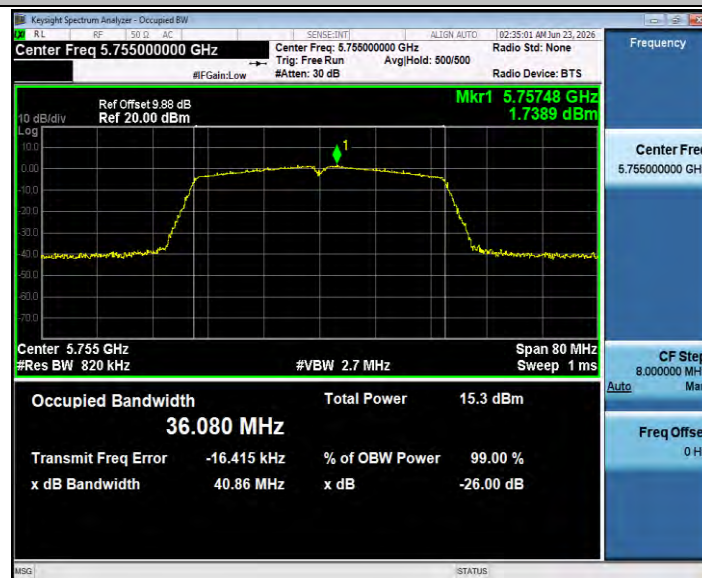
11N20SISO_Ant4_5785



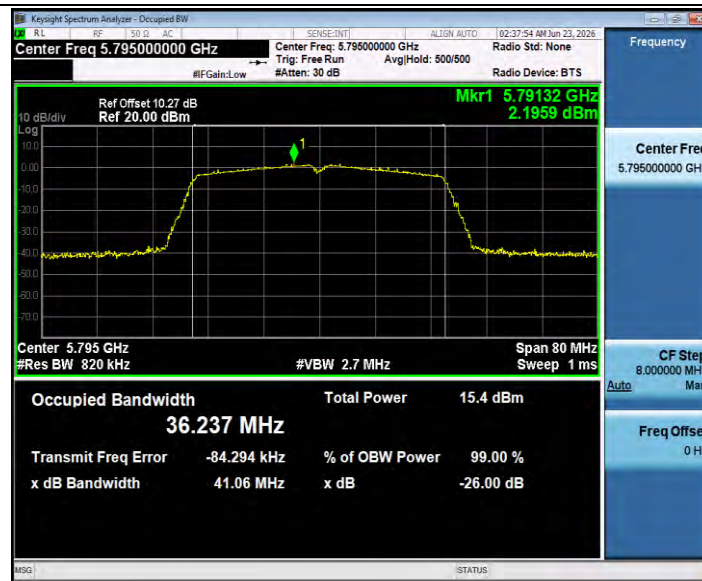
11N20SISO_Ant4_5825



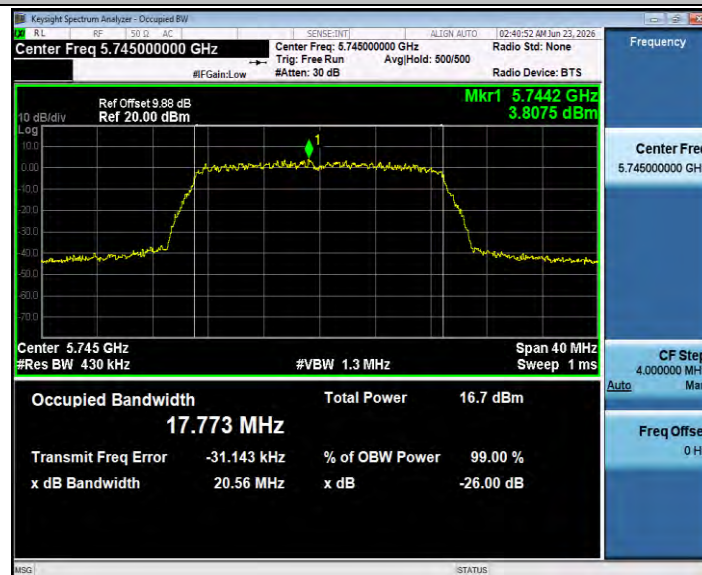
11N40SISO_Ant4_5755



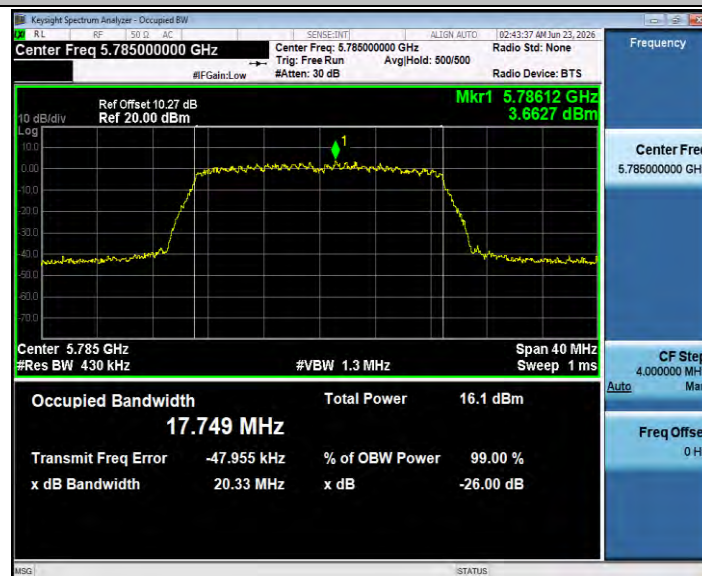
11N40SISO_Ant4_5795



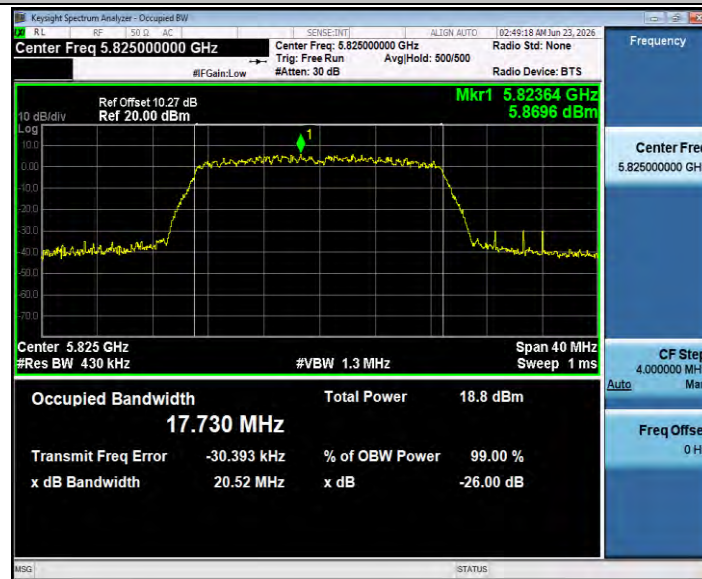
11AC20SISO_Ant4_5745



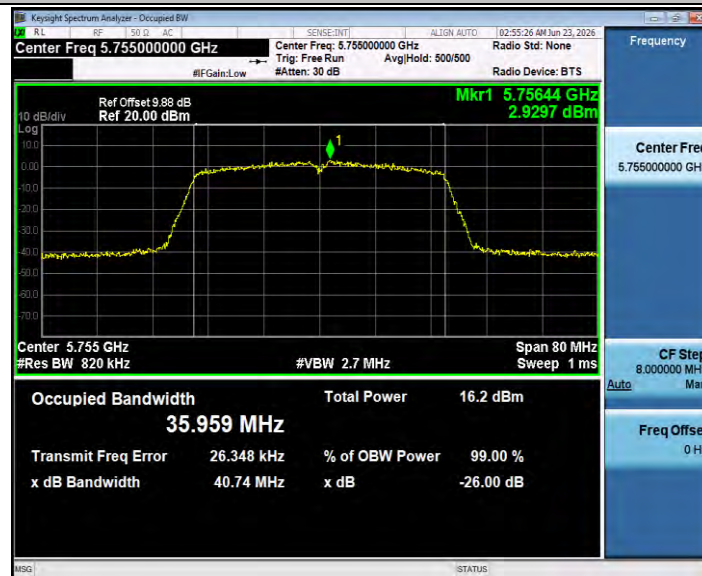
11AC20SISO_Ant4_5785



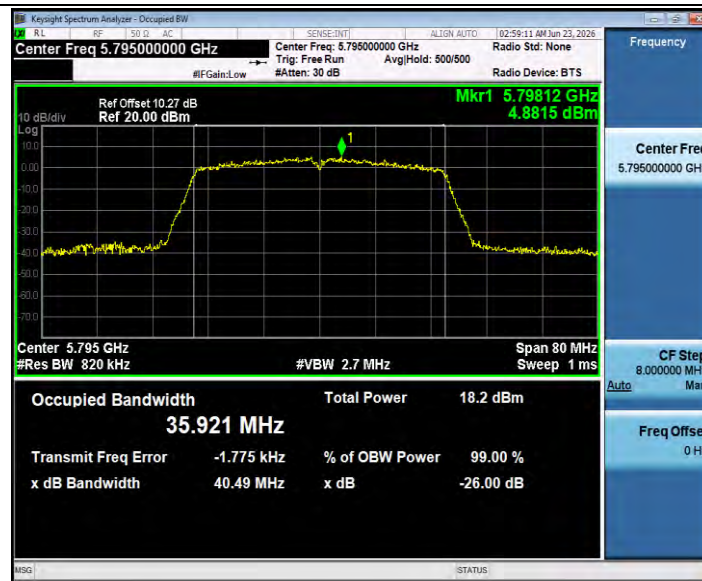
11AC20SISO_Ant4_5825



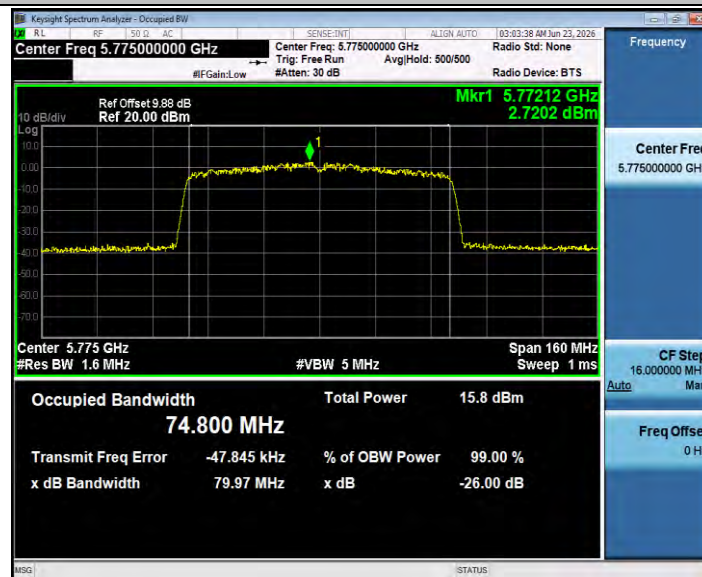
11AC40SISO_Ant4_5755



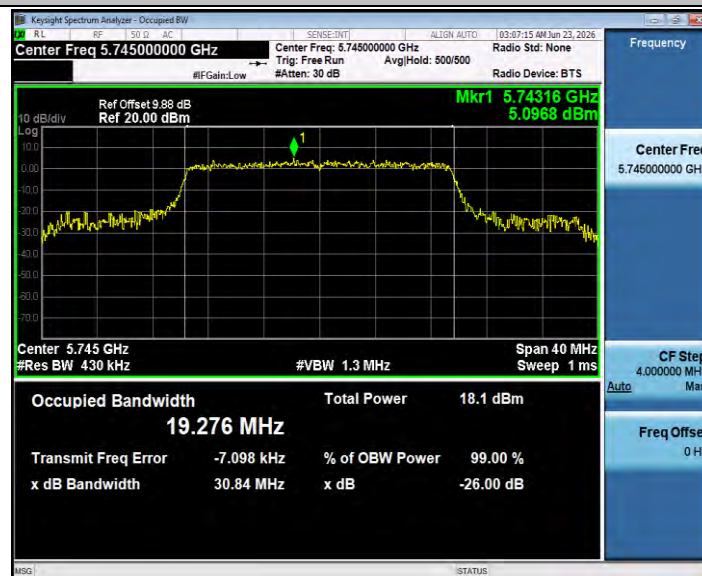
11AC40SISO_Ant4_5795



11AC80SISO_Ant4_5775



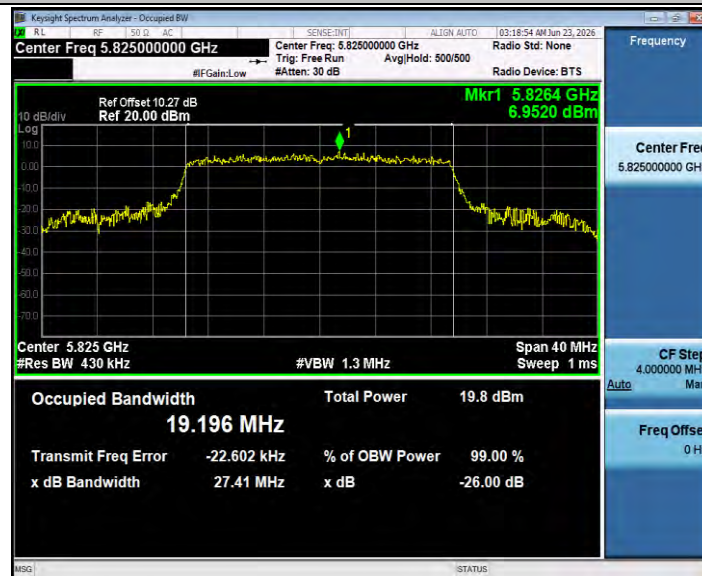
11AX20SISO_Ant4_5745



11AX20SISO_Ant4_5785



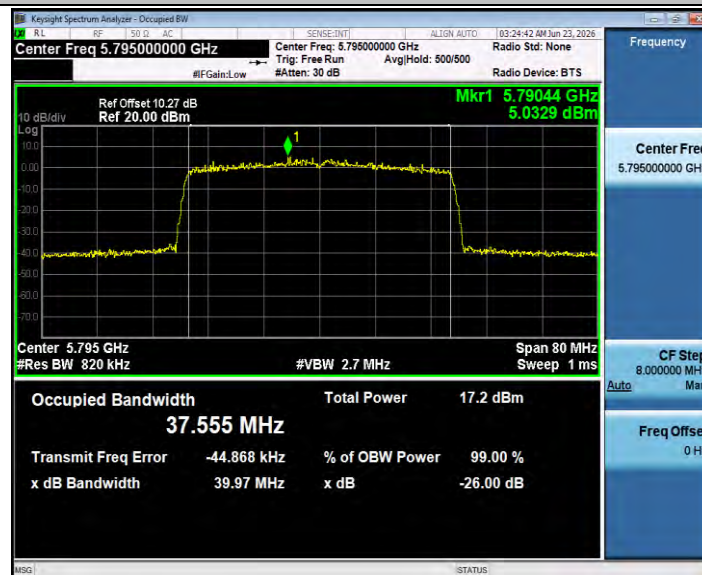
11AX20SISO_Ant4_5825



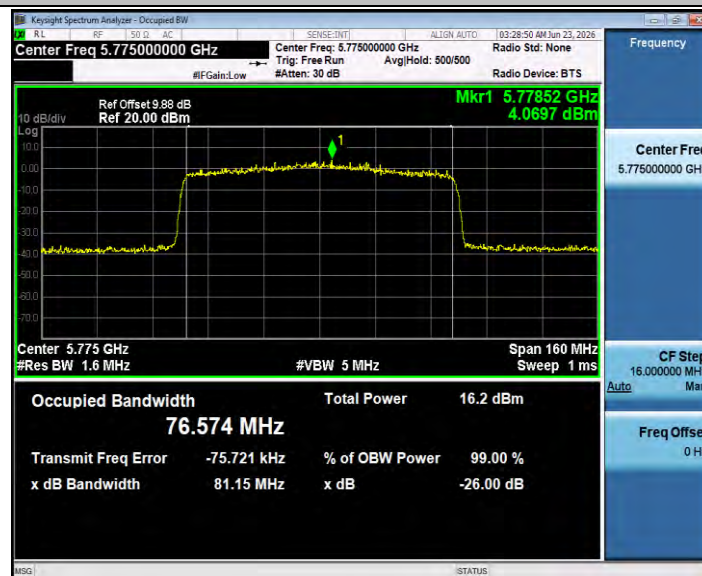
11AX40SISO_Ant4_5755



11AX40ISO_Ant4_5795



11AX80ISO_Ant4_5775



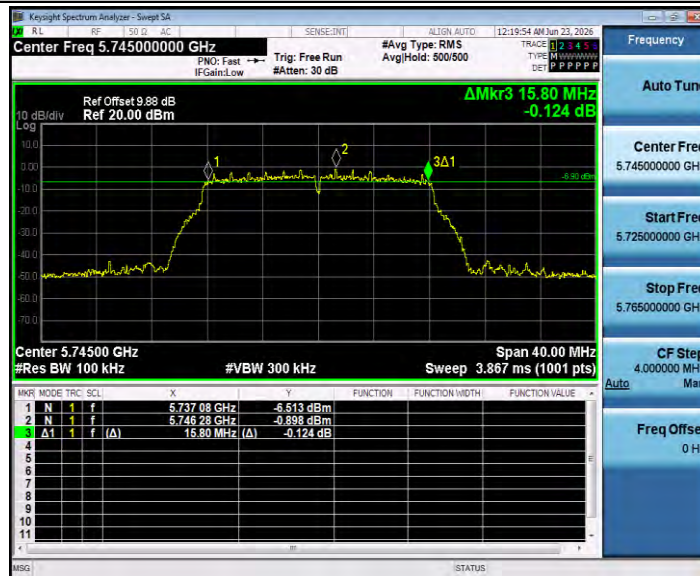
Appendix C.2: Min emission bandwidth

Test Result B4

TestMode	Antenna	Freq(MHz)	6db EBW [MHz]	FL[MHz]	FH[MHz]	Limit[MHz]	Verdict
11A	Ant4	5745	15.800	5737.080	5752.880	0.5	PASS
		5785	15.680	5777.080	5792.760	0.5	PASS
		5825	15.680	5817.080	5832.760	0.5	PASS
11N20SISO	Ant4	5745	16.600	5736.520	5753.120	0.5	PASS
		5785	16.120	5776.440	5792.560	0.5	PASS
		5825	15.120	5817.440	5832.560	0.5	PASS
11N40SISO	Ant4	5755	35.040	5737.480	5772.520	0.5	PASS
		5795	35.120	5777.400	5812.520	0.5	PASS
11AC20SISO	Ant4	5745	17.520	5736.200	5753.720	0.5	PASS
		5785	16.920	5776.200	5793.120	0.5	PASS
		5825	17.160	5816.200	5833.360	0.5	PASS
11AC40SISO	Ant4	5755	35.120	5737.400	5772.520	0.5	PASS
		5795	35.040	5777.480	5812.520	0.5	PASS
11AC80SISO	Ant4	5775	75.040	5737.400	5812.440	0.5	PASS
11AX20SISO	Ant4	5745	18.840	5735.560	5754.400	0.5	PASS
		5785	18.920	5775.480	5794.400	0.5	PASS
		5825	19.000	5815.520	5834.520	0.5	PASS
11AX40SISO	Ant4	5755	35.600	5736.920	5772.520	0.5	PASS
		5795	35.360	5777.400	5812.760	0.5	PASS
11AX80SISO	Ant4	5775	75.040	5737.400	5812.440	0.5	PASS

Test Graphs B4

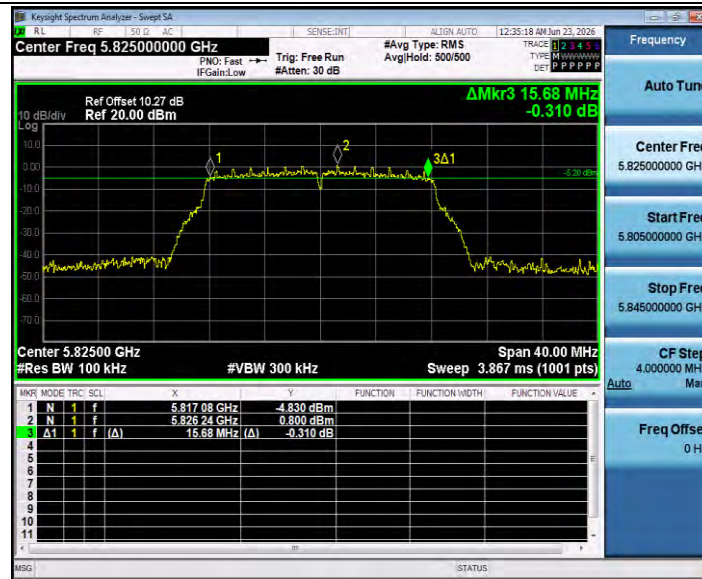
11A_Ant4_5745



11A_Ant4_5785



11A_Ant4_5825



11N20SISO_Ant4_5745



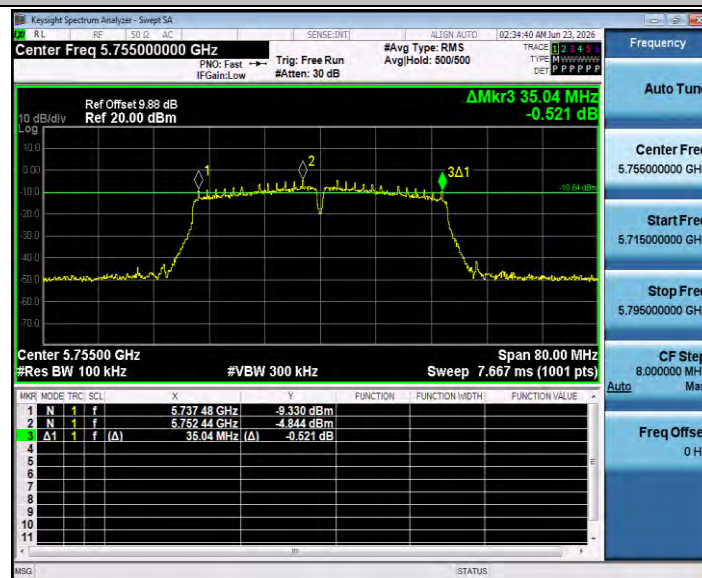
11N20SISO_Ant4_5785



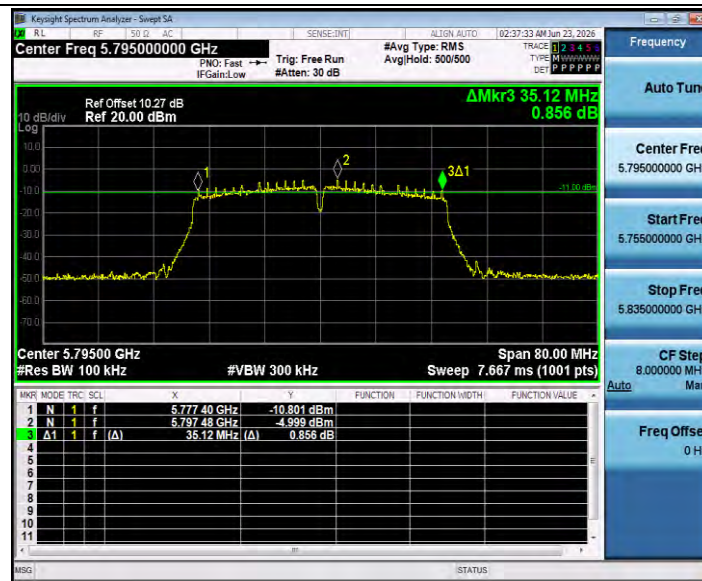
11N20SISO_Ant4_5825



11N40SISO_Ant4_5755



11N40SISO_Ant4_5795



11AC20SISO_Ant4_5745



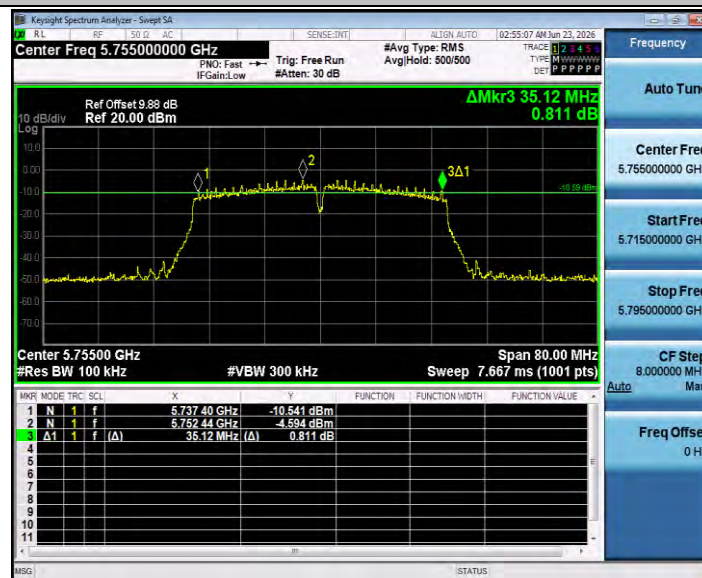
11AC20SISO_Ant4_5785



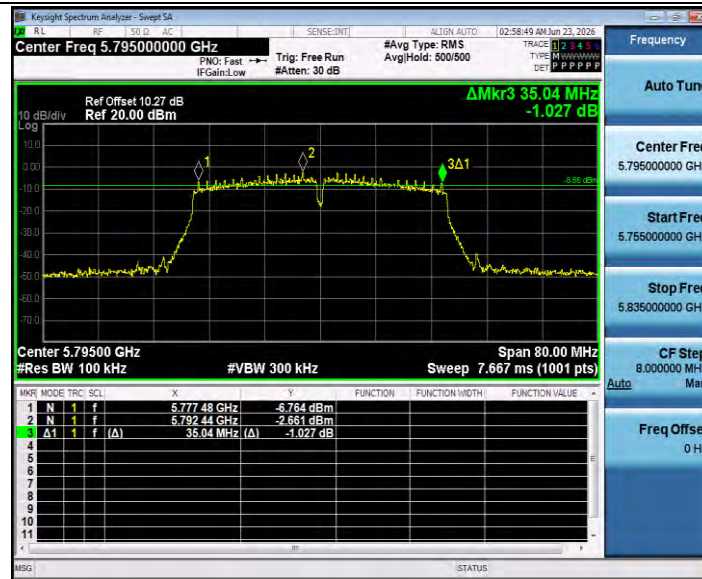
11AC20SISO_Ant4_5825



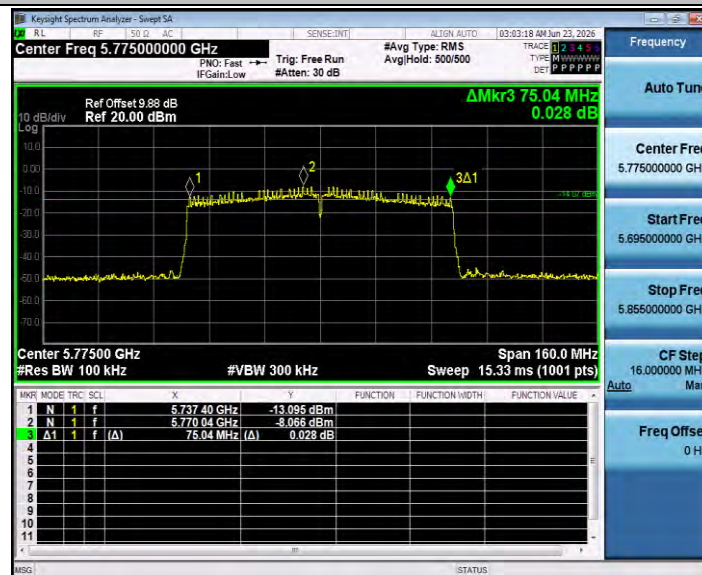
11AC40SISO_Ant4_5755



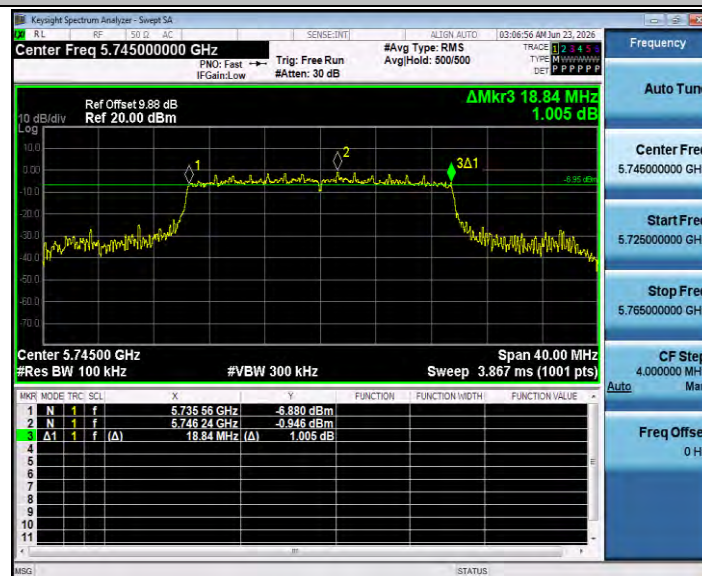
11AC40SISO_Ant4_5795

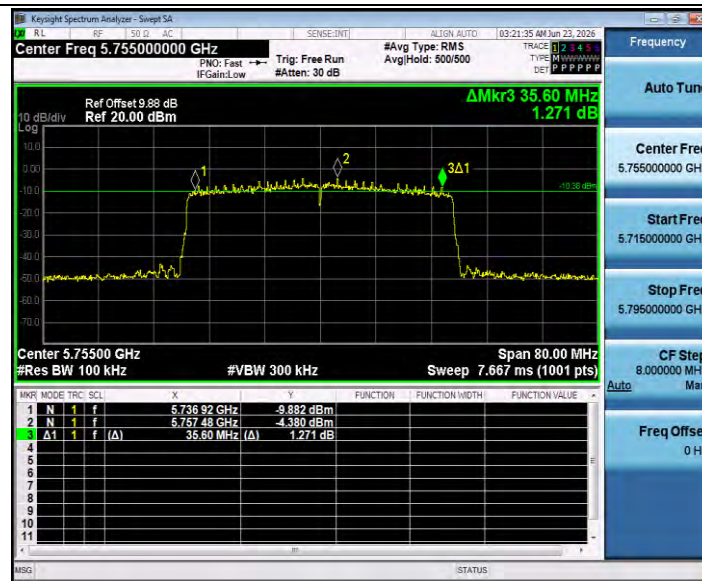


11AC80ISO_Ant4_5775

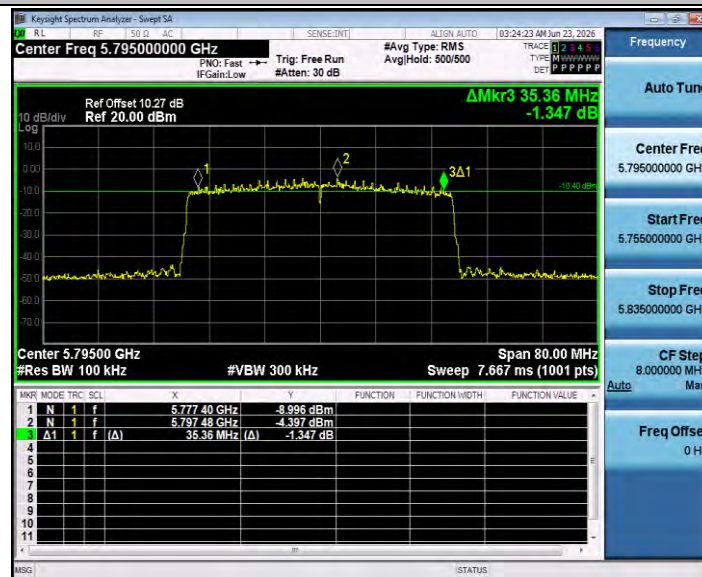


11AX20ISO_Ant4_5745

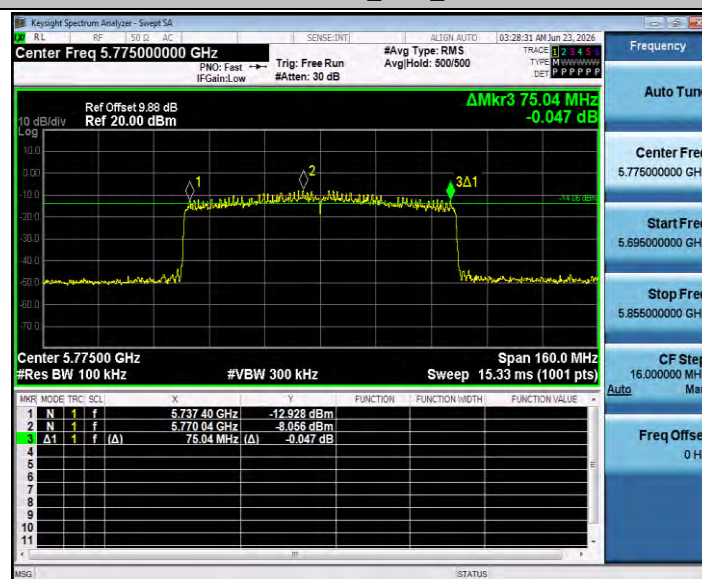




11AX40ISO_Ant4_5795



11AX80ISO_Ant4_5775

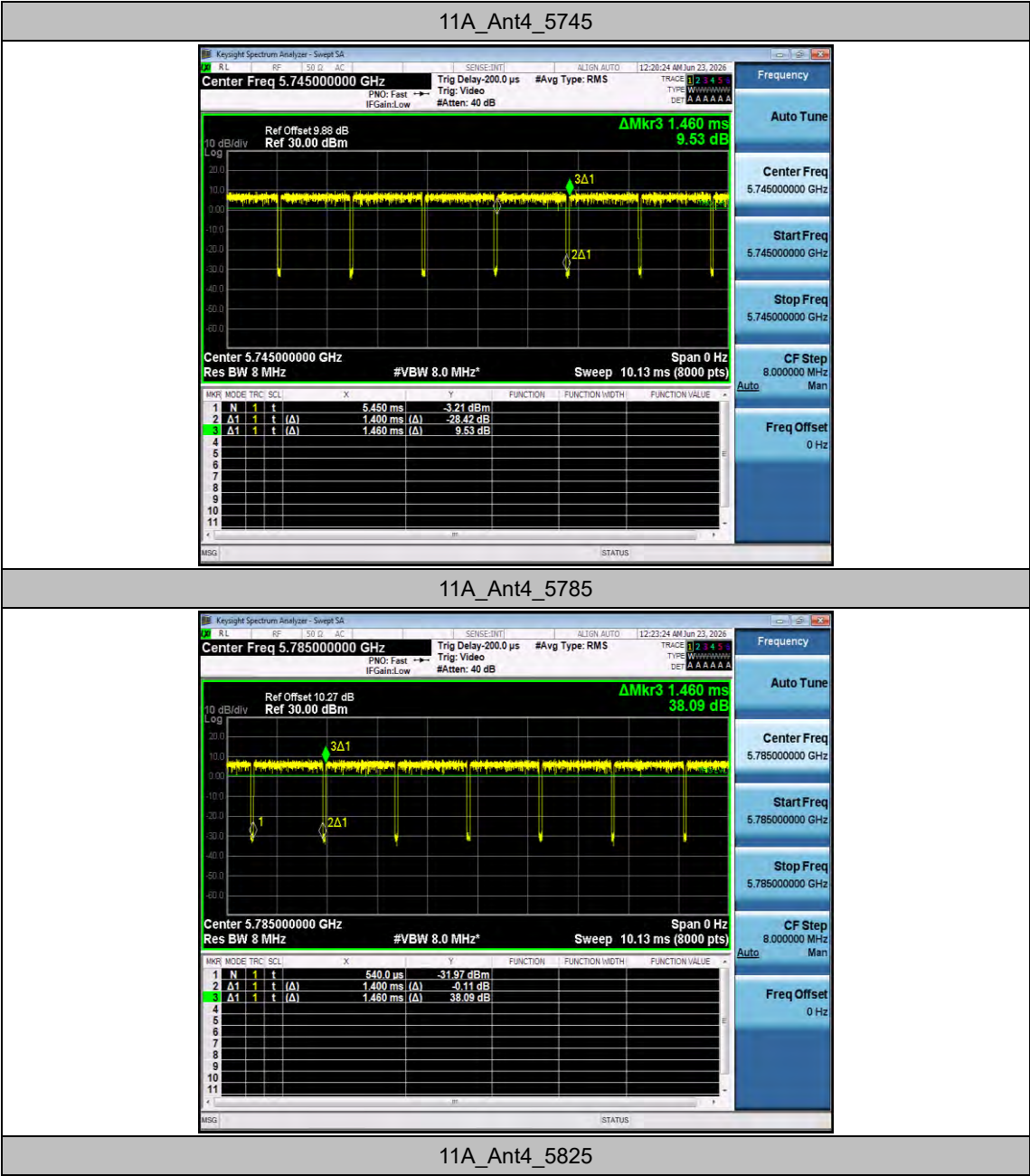


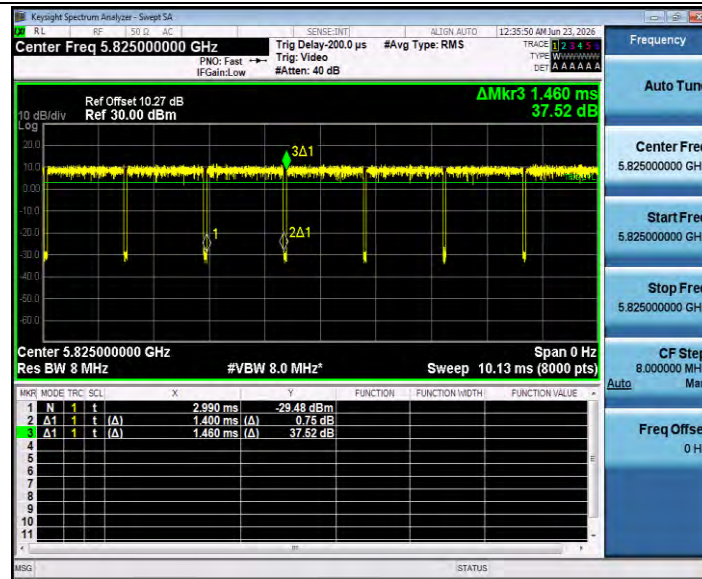
Appendix C.3: Duty Cycle

Test Result

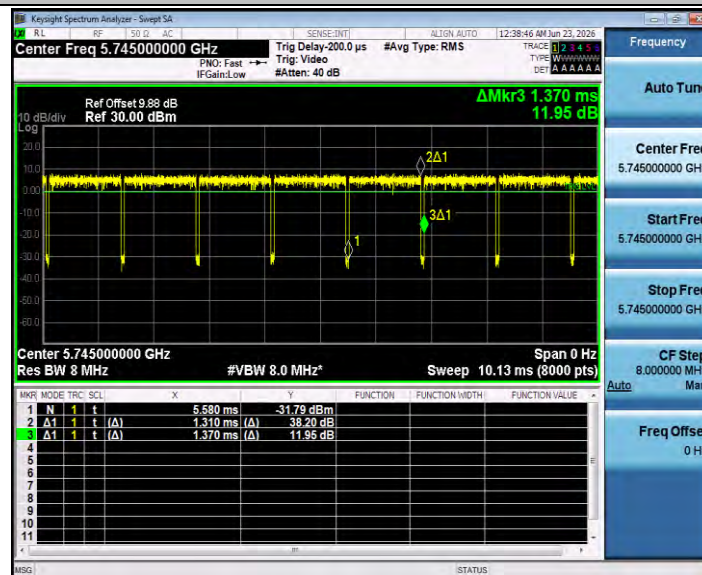
TestMode	Antenna	Freq(MHz)	Transmission Duration [ms]	Transmission Period [ms]	Duty Cycle [%]	Duty Cycle Factor[dB]	1/T Factor[KHz]
11A	Ant4	5745	1.40	1.46	95.89	0.18	0.71
		5785	1.40	1.46	95.89	0.18	0.71
		5825	1.40	1.46	95.89	0.18	0.71
11N20SISO	Ant4	5745	1.31	1.37	95.62	0.19	0.76
		5785	1.31	1.37	95.62	0.19	0.76
		5825	1.31	1.37	95.62	0.19	0.76
11N40SISO	Ant4	5755	0.65	0.71	91.55	0.38	1.54
		5795	0.65	0.71	91.55	0.38	1.54
11AC20SISO	Ant4	5745	0.68	0.74	91.89	0.37	1.47
		5785	0.68	0.74	91.89	0.37	1.47
		5825	0.68	0.74	91.89	0.37	1.47
11AC40SISO	Ant4	5755	0.35	0.41	85.37	0.69	2.86
		5795	0.35	0.41	85.37	0.69	2.86
11AC80SISO	Ant4	5775	0.18	0.55	32.73	4.85	5.56
11AX20SISO	Ant4	5745	0.54	0.60	90.00	0.46	1.85
		5785	0.54	0.60	90.00	0.46	1.85
		5825	0.55	0.60	91.67	0.38	1.82
11AX40SISO	Ant4	5755	0.30	0.36	83.33	0.79	3.33
		5795	0.30	0.36	83.33	0.79	3.33
11AX80SISO	Ant4	5775	0.18	0.54	33.33	4.77	5.56

Test Graphs

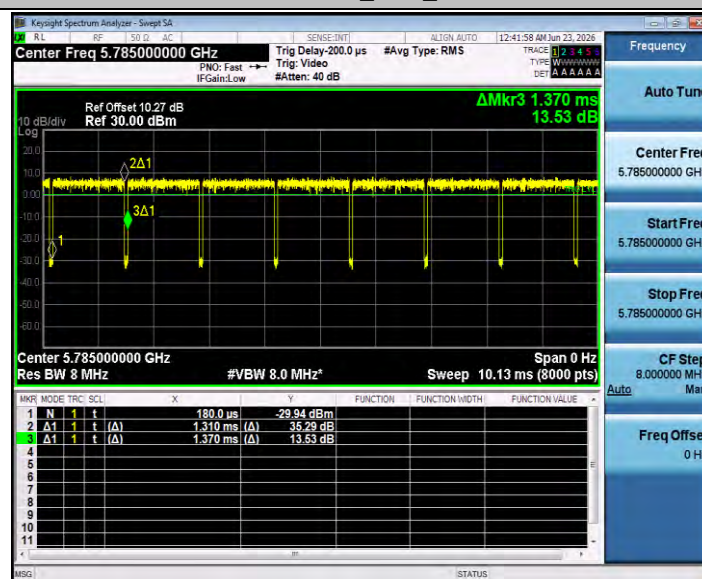




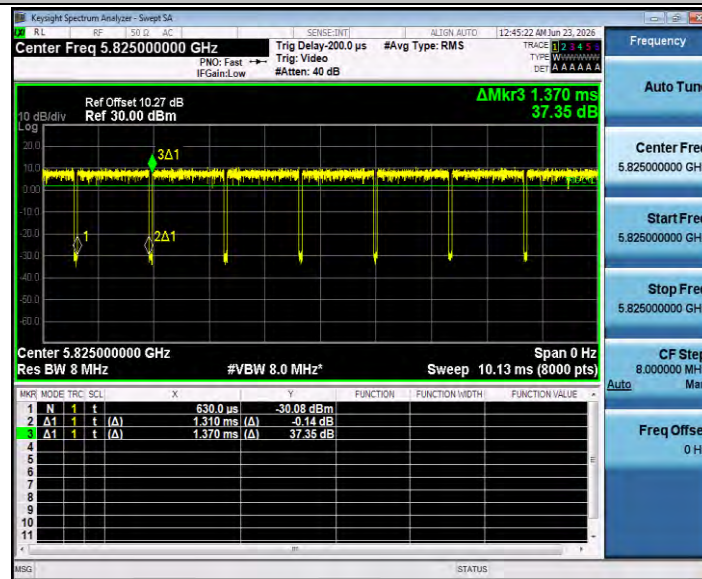
11N20SISO_Ant4_5745



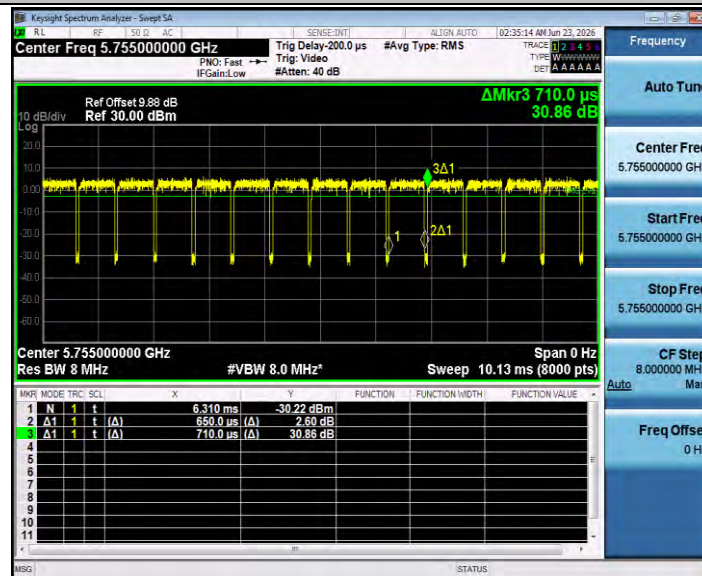
11N20SISO_Ant4_5785



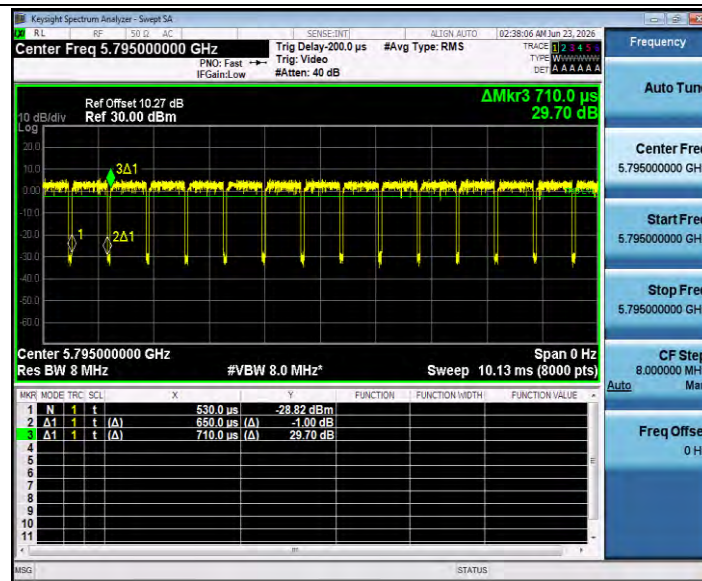
11N20SISO_Ant4_5825



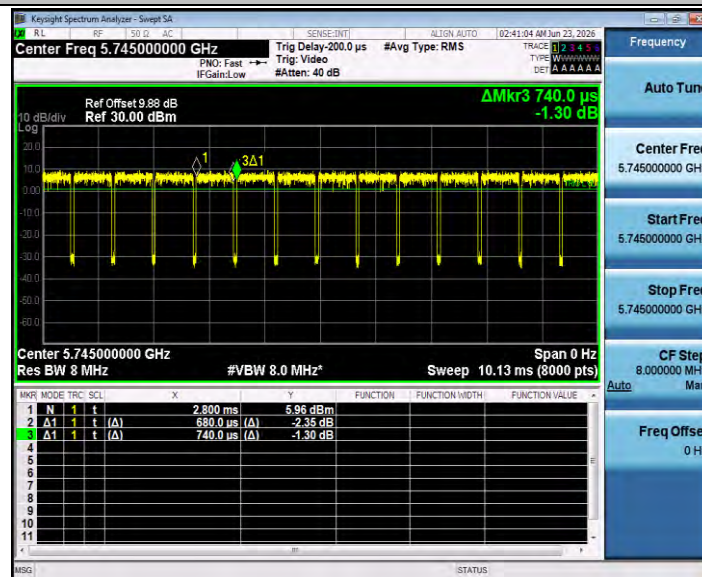
11N40SISO_Ant4_5755



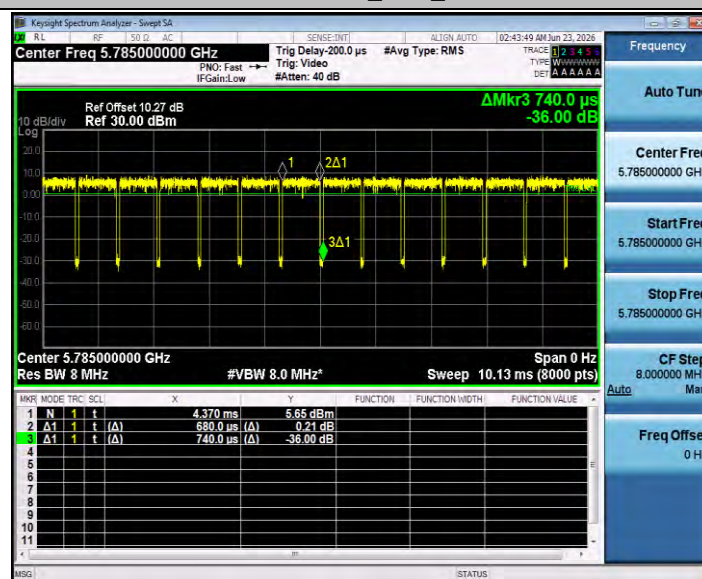
11N40SISO_Ant4_5795

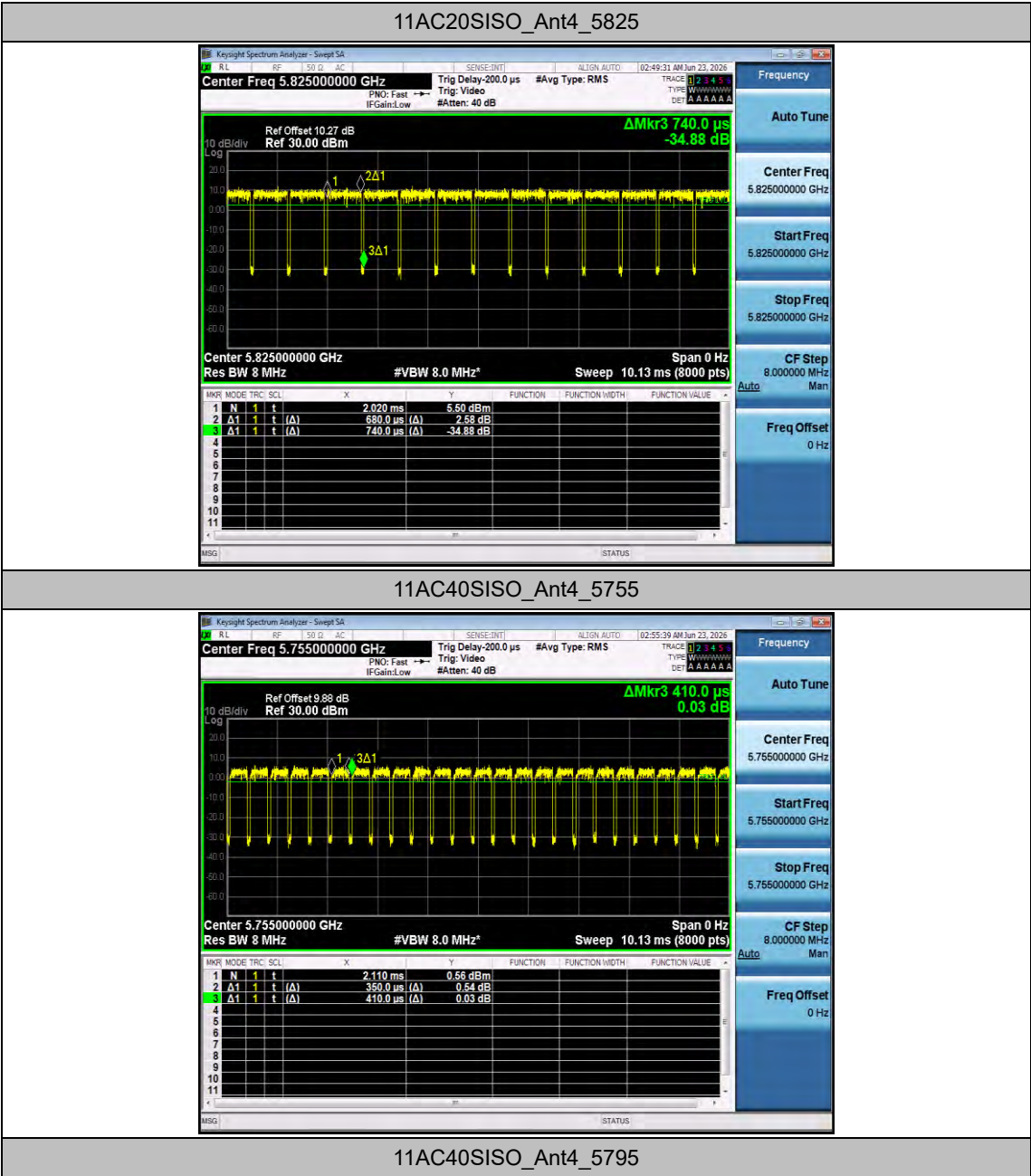


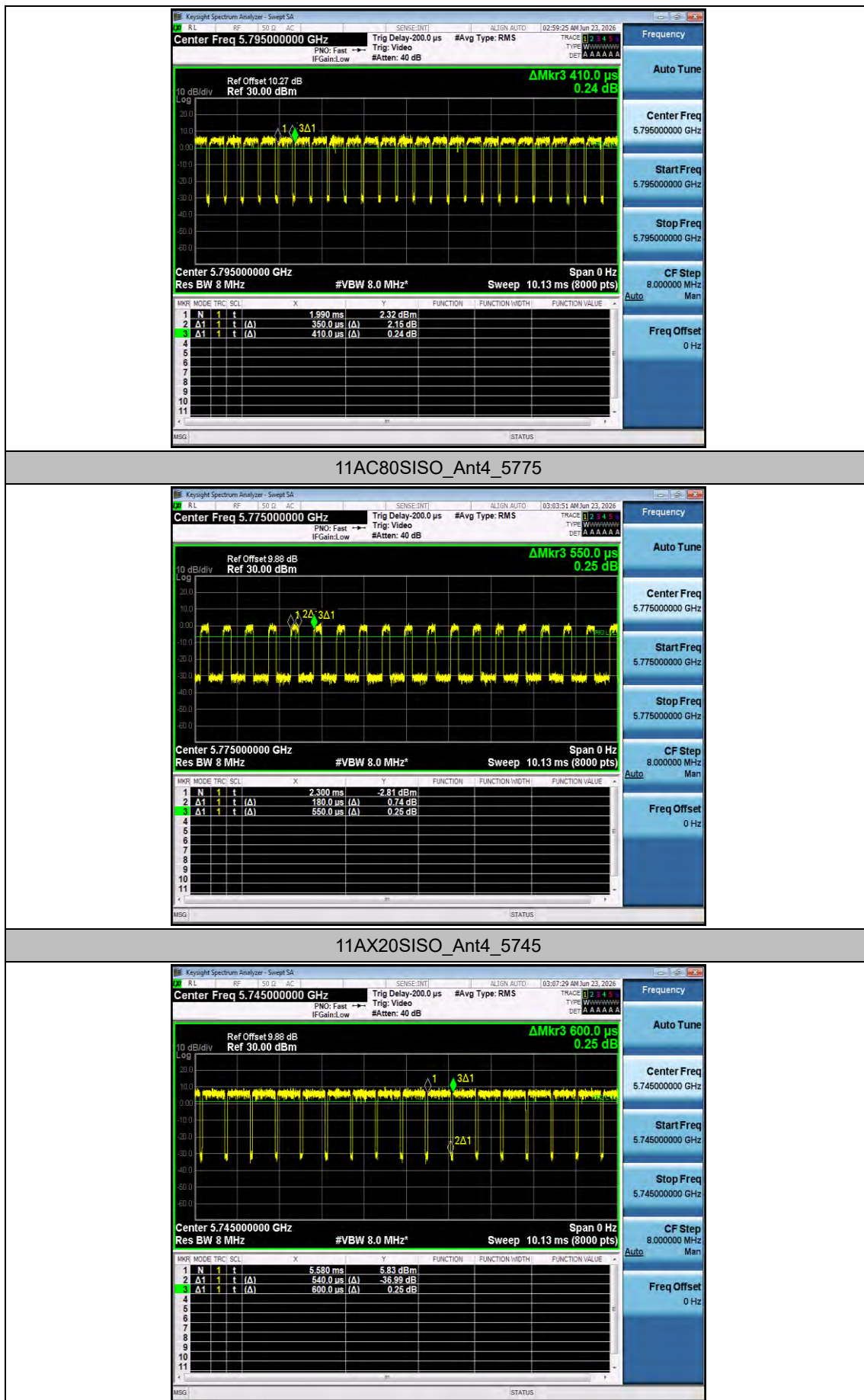
11AC20SISO_Ant4_5745



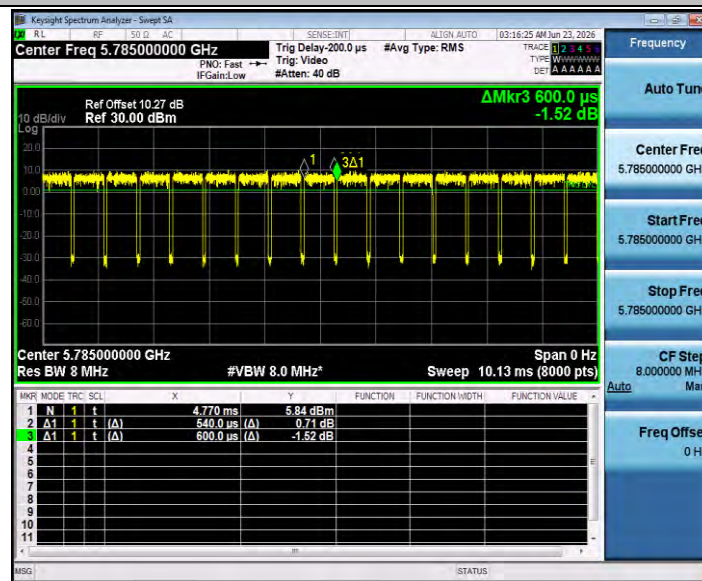
11AC20SISO_Ant4_5785



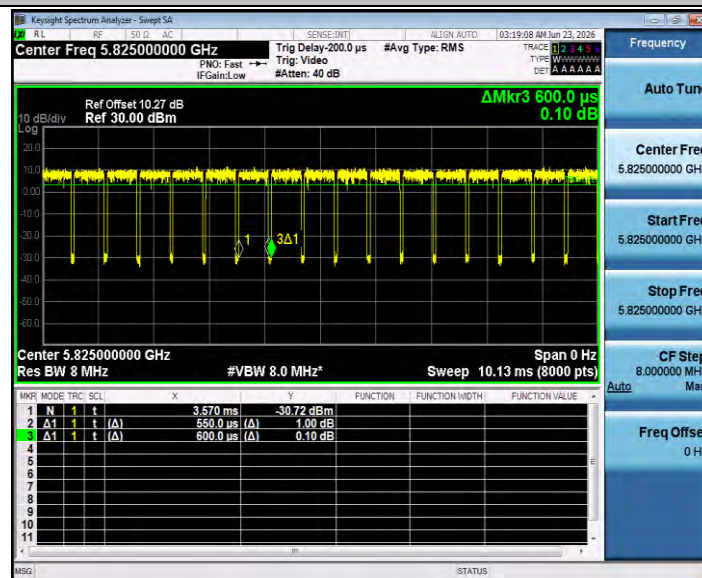




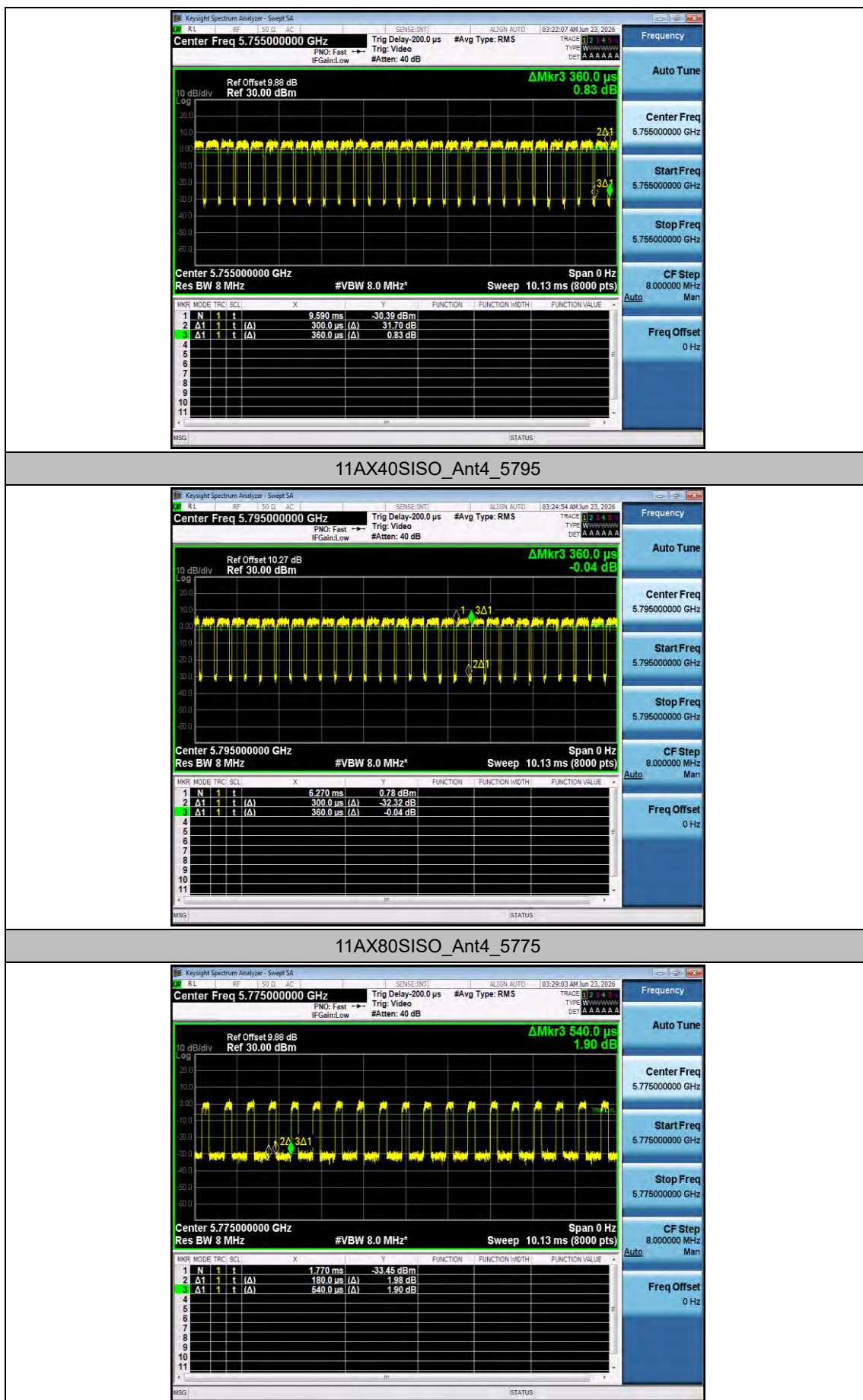
11AX20SISO_Ant4_5785



11AX20SISO_Ant4_5825



11AX40SISO_Ant4_5755



Appendix C.4: Maximum conducted output power

Test Result

Test Mode	Antenna	Freq (MHz)	Channel Power [dBm]	Duty Cycle [%]	DC Factor [dBm]	Result [dBm]	Limit [dBm]	Verdict
11A	Ant4	5745	9.42	95.89	0.18	9.60	≤30.00	PASS
		5785	8.57	95.89	0.18	8.75	≤30.00	PASS
		5825	11.42	95.89	0.18	11.60	≤30.00	PASS
11N20SISO	Ant4	5745	7.61	95.62	0.19	7.80	≤30.00	PASS
		5785	8.00	95.62	0.19	8.19	≤30.00	PASS
		5825	10.25	95.62	0.19	10.44	≤30.00	PASS
11N40SISO	Ant4	5755	7.66	91.55	0.38	8.04	≤30.00	PASS
		5795	7.68	91.55	0.38	8.06	≤30.00	PASS
11AC20SISO	Ant4	5745	8.90	91.89	0.37	9.27	≤30.00	PASS
		5785	8.23	91.89	0.37	8.60	≤30.00	PASS
		5825	10.87	91.89	0.37	11.24	≤30.00	PASS
11AC40SISO	Ant4	5755	7.52	85.37	0.69	8.21	≤30.00	PASS
		5795	9.42	85.37	0.69	10.11	≤30.00	PASS
11AC80SISO	Ant4	5775	2.41	32.73	4.85	7.26	≤30.00	PASS
11AX20SISO	Ant4	5745	9.44	90.00	0.46	9.90	≤30.00	PASS
		5785	9.70	90.00	0.46	10.16	≤30.00	PASS
		5825	11.15	91.67	0.38	11.53	≤30.00	PASS
11AX40SISO	Ant4	5755	7.71	83.33	0.79	8.50	≤30.00	PASS
		5795	7.77	83.33	0.79	8.56	≤30.00	PASS
11AX80SISO	Ant4	5775	2.88	33.33	4.77	7.65	≤30.00	PASS

Appendix C.5: Maximum power spectral density

Test Result

TestMode	Antenna	Freq(MHz)	Result [dBm/MHz]	Limit[dBm/MHz]	Verdict
11A	Ant4	5745	-4.20	≤30.00	PASS
		5785	-4.72	≤30.00	PASS
		5825	-1.97	≤30.00	PASS
11N20SISO	Ant4	5745	-5.70	≤30.00	PASS
		5785	-5.24	≤30.00	PASS
		5825	-3.37	≤30.00	PASS
11N40SISO	Ant4	5755	-7.77	≤30.00	PASS
		5795	-7.88	≤30.00	PASS
11AC20SISO	Ant4	5745	-4.35	≤30.00	PASS
		5785	-4.80	≤30.00	PASS
		5825	-2.42	≤30.00	PASS
11AC40SISO	Ant4	5755	-7.52	≤30.00	PASS
		5795	-5.58	≤30.00	PASS
11AC80SISO	Ant4	5775	-10.45	≤30.00	PASS
11AX20SISO	Ant4	5745	-4.56	≤30.00	PASS
		5785	-4.38	≤30.00	PASS
		5825	-2.80	≤30.00	PASS
11AX40SISO	Ant4	5755	-7.72	≤30.00	PASS
		5795	-7.74	≤30.00	PASS
11AX80SISO	Ant4	5775	-11.13	≤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 Factorand RBW Factoriscompensatedinthegraph.

Test Graphs

11A_Ant4_5745



11A_Ant4_5785



11A_Ant4_5825



11N20SISO_Ant4_5745



11N20SISO_Ant4_5785



11N20SISO_Ant4_5825



11N40SISO_Ant4_5755



11N40SISO_Ant4_5795



11AC20SISO_Ant4_5745



11AC20SISO_Ant4_5785



11AC20SISO_Ant4_5825



11AC40SISO_Ant4_5755



11AC40SISO_Ant4_5795



11AC80SISO_Ant4_5775



11AX20SISO_Ant4_5745



11AX20SISO_Ant4_5785



11AX20SISO_Ant4_5825



11AX40SISO_Ant4_5755



11AX40ISO_Ant4_5795



11AX80ISO_Ant4_5775

