

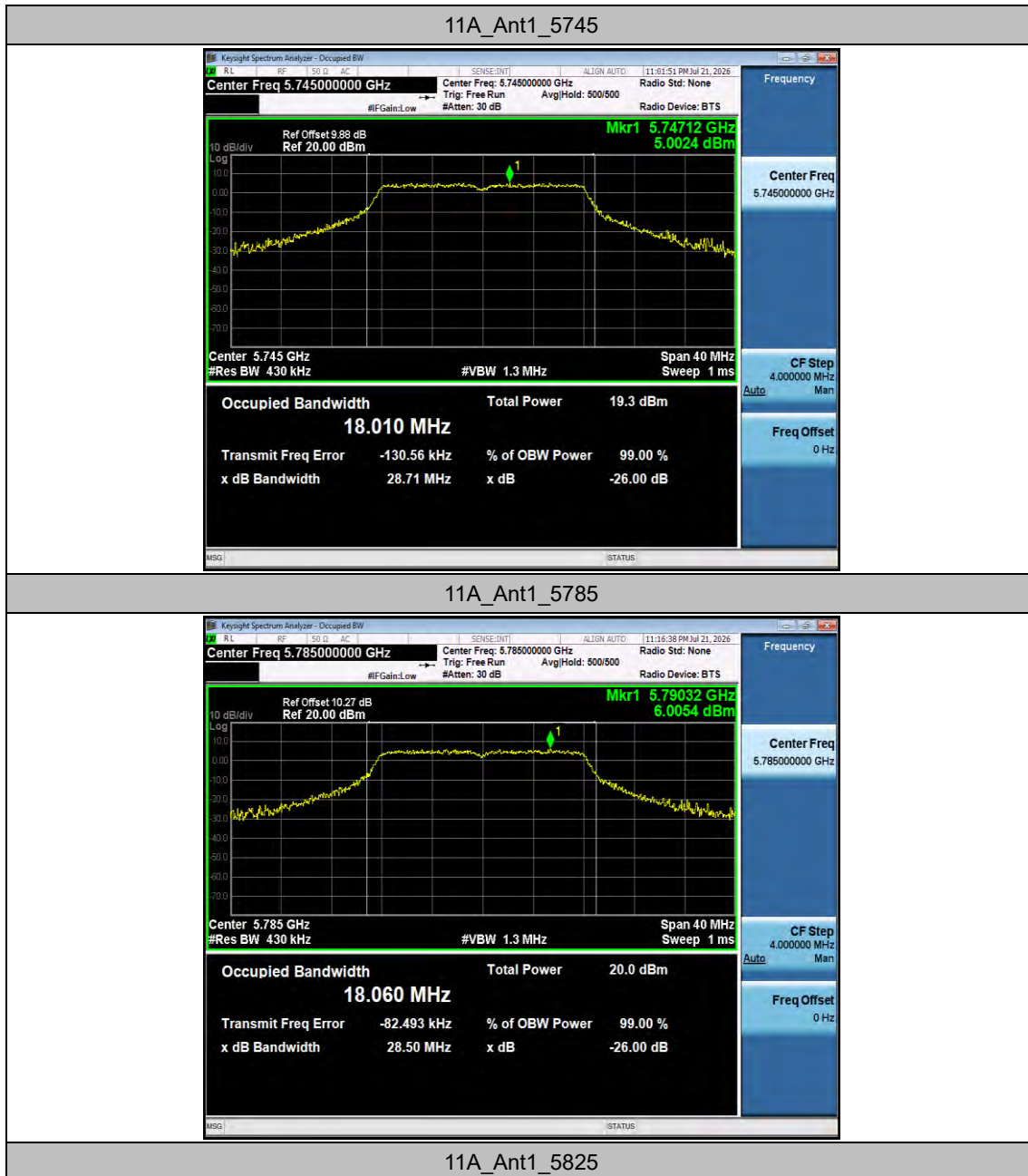
Case No. : <u>GTS20260316016-1-14</u>
Ambient Condition: <u>23</u> °C, <u>49</u> %RH
According Standard: <u>■Part15E</u>
Test Date: <u>2026.7.10-2026.7.28</u> Test Engineer: <u>Evan ouyang</u>

AppendixG.1: Occupied channel bandwidth

Test Result

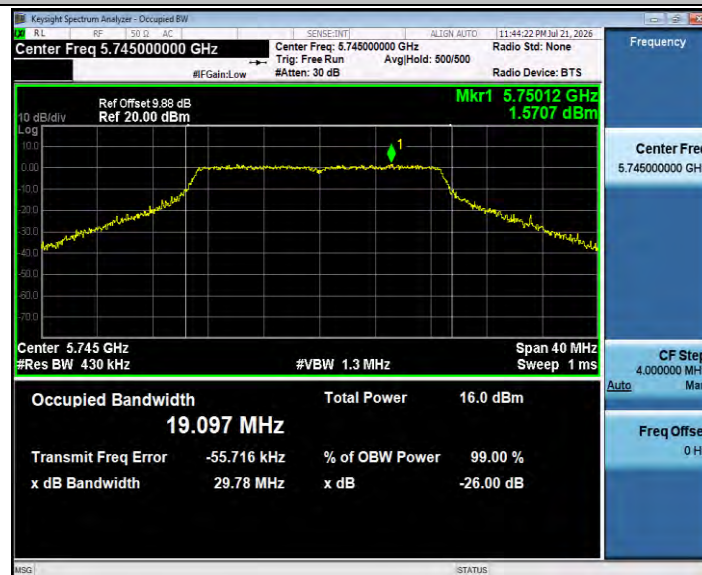
TestMode	Antenna	Freq(MHz)	OCB [MHz]	FL[MHz]	FH[MHz]	Limit[MHz]	Verdict
11A	Ant1	5745	18.010	5735.8644	5753.8744	---	---
		5785	18.060	5775.8875	5793.9475	---	---
		5825	18.064	5815.8428	5833.9068	---	---
11N20SISO	Ant1	5745	19.097	5735.3958	5754.4928	---	---
		5785	18.885	5775.5064	5794.3914	---	---
		5825	18.946	5815.4928	5834.4388	---	---
11N40SISO	Ant1	5755	37.589	5736.2053	5773.7943	---	---
		5795	37.538	5776.2966	5813.8346	---	---
11AC20SISO	Ant1	5745	18.993	5735.4998	5754.4928	---	---
		5785	19.028	5775.5147	5794.5427	---	---
		5825	18.956	5815.4676	5834.4236	---	---
11AC40SISO	Ant1	5755	37.732	5736.1245	5773.8565	---	---
		5795	37.609	5776.2395	5813.8485	---	---
11AC80SISO	Ant1	5775	76.975	5736.6151	5813.5901	---	---
11AX20SISO	Ant1	5745	19.731	5735.1216	5754.8526	---	---
		5785	19.694	5775.1479	5794.8419	---	---
		5825	19.656	5815.1529	5834.8089	---	---
11AX40SISO	Ant1	5755	38.604	5735.6613	5774.2653	---	---
		5795	38.470	5775.7462	5814.2162	---	---
11AX80SISO	Ant1	5775	78.195	5736.0318	5814.2268	---	---

Test Graphs





11N20SISO_Ant1_5745



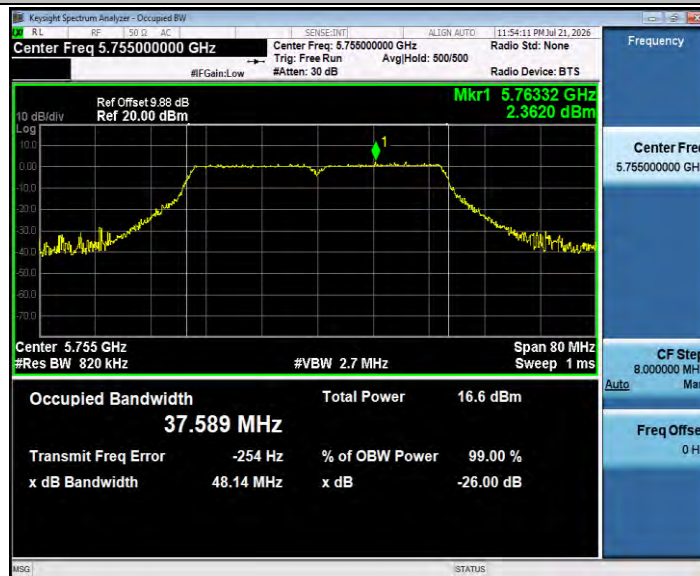
11N20SISO_Ant1_5785



11N20SISO_Ant1_5825



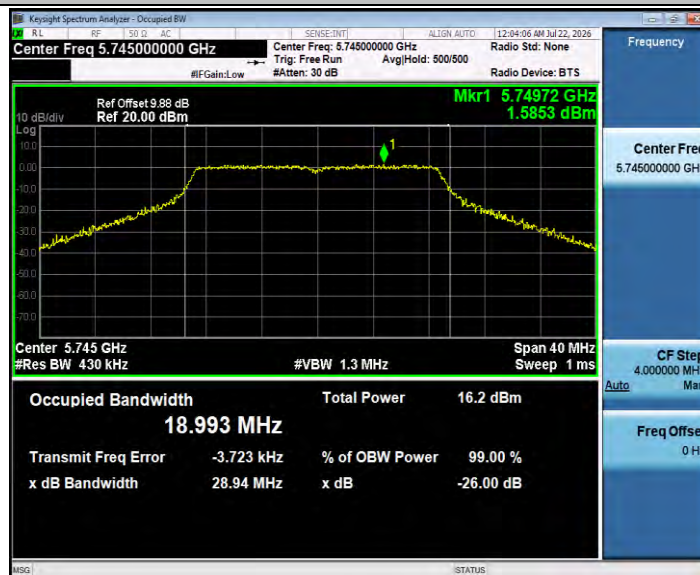
11N40SISO_Ant1_5755



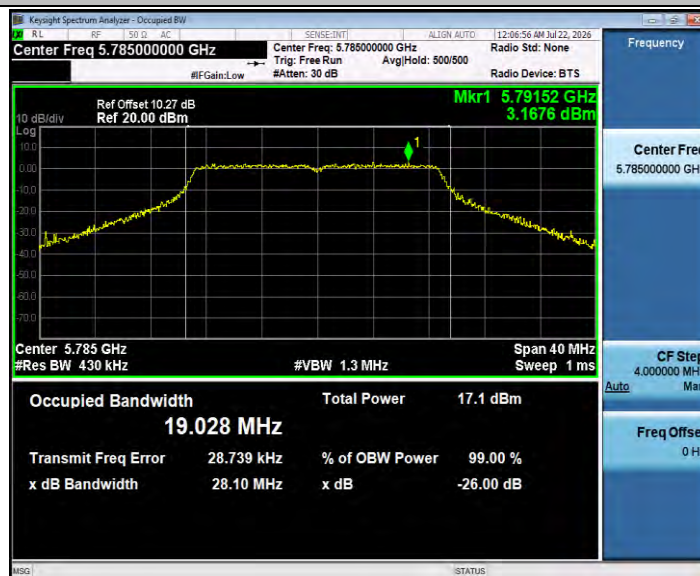
11N40SISO_Ant1_5795



11AC20SISO_Ant1_5745



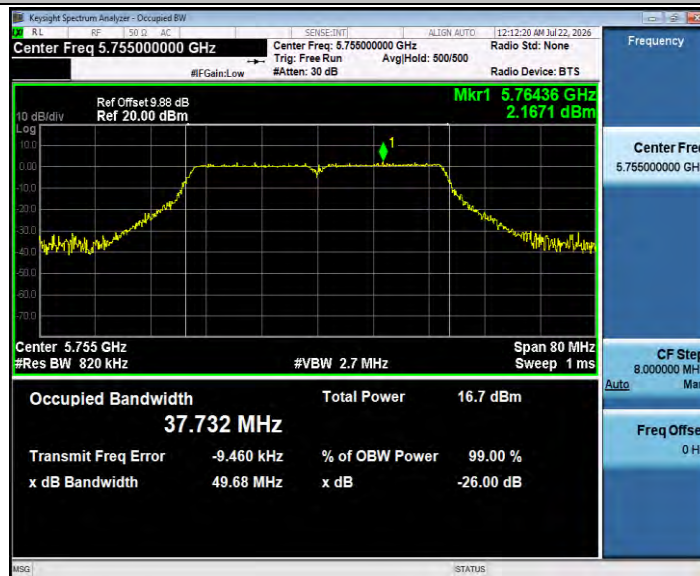
11AC20SISO_Ant1_5785



11AC20SISO_Ant1_5825



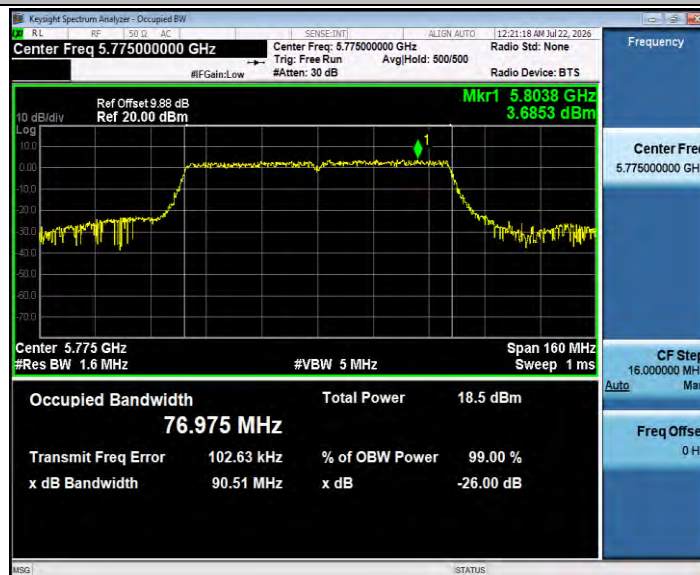
11AC40SISO_Ant1_5755



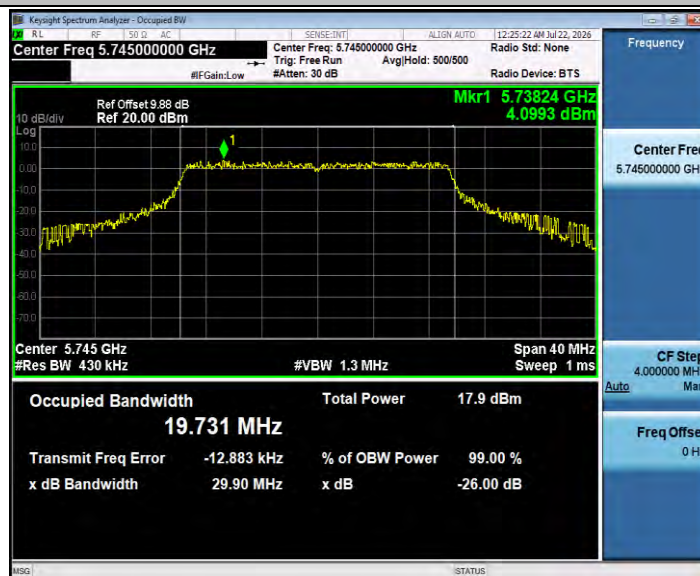
11AC40SISO_Ant1_5795



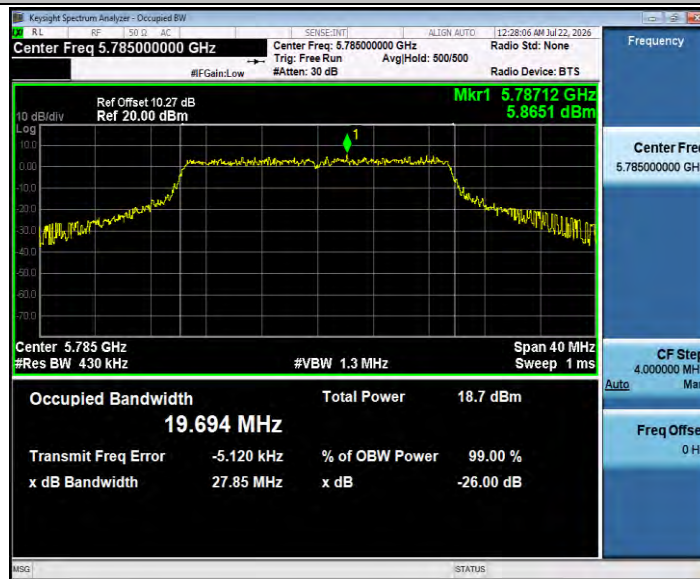
11AC80SISO_Ant1_5775



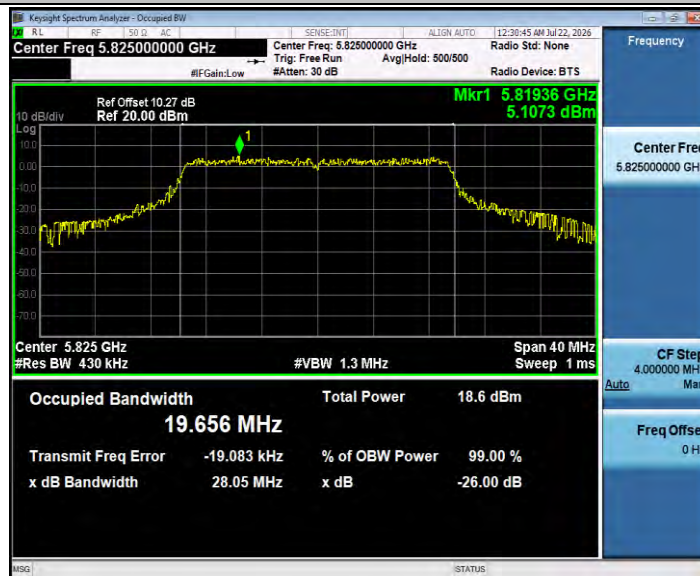
11AX20SISO_Ant1_5745



11AX20SISO_Ant1_5785



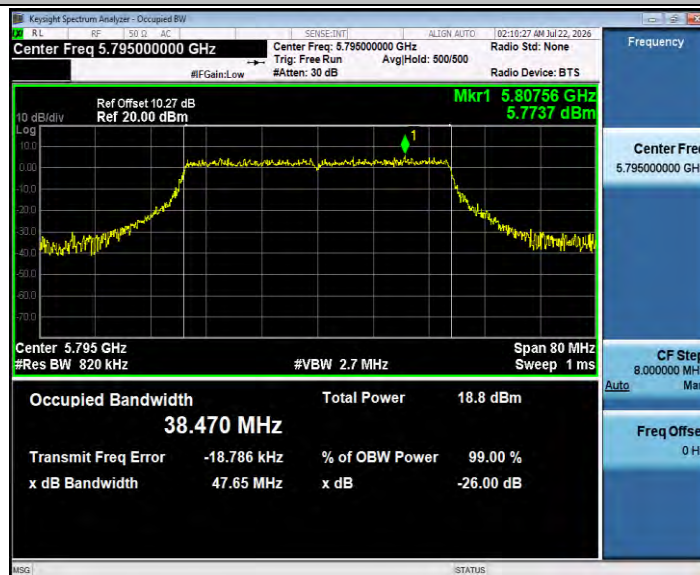
11AX20SISO_Ant1_5825



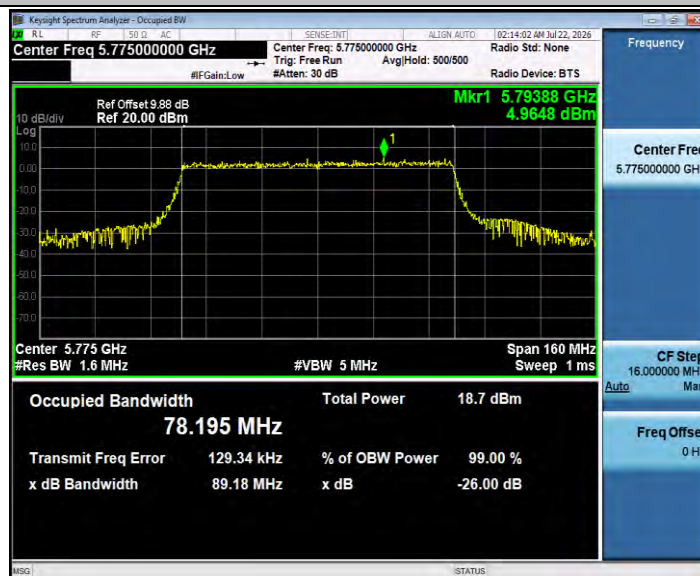
11AX40SISO_Ant1_5755



11AX40SISO_Ant1_5795



11AX80SISO_Ant1_5775



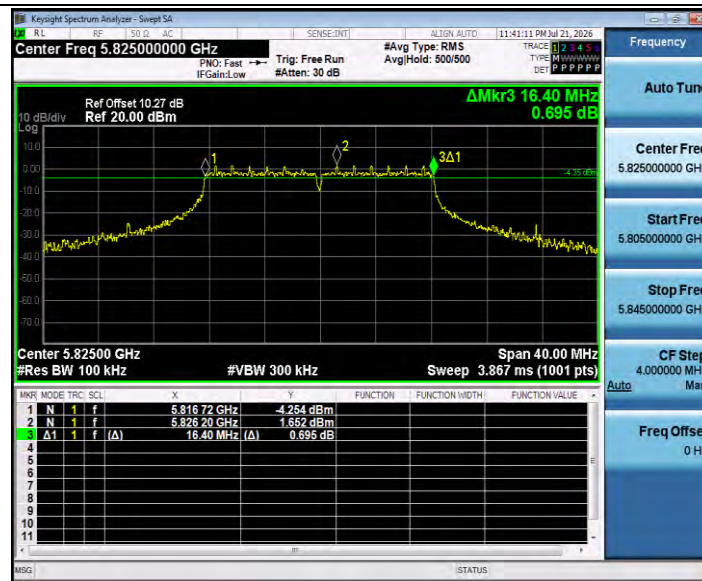
AppendixG.2: Min emission bandwidth

Test Result B4

TestMode	Antenna	Freq(MHz)	6db EBW [MHz]	FL[MHz]	FH[MHz]	Limit[MHz]	Verdict
11A	Ant1	5745	16.440	5736.720	5753.160	0.5	PASS
		5785	16.400	5776.720	5793.120	0.5	PASS
		5825	16.400	5816.720	5833.120	0.5	PASS
11N20SISO	Ant1	5745	17.640	5736.080	5753.720	0.5	PASS
		5785	17.600	5776.120	5793.720	0.5	PASS
		5825	17.600	5816.120	5833.720	0.5	PASS
11N40SISO	Ant1	5755	36.320	5736.760	5773.080	0.5	PASS
		5795	36.320	5776.760	5813.080	0.5	PASS
11AC20SISO	Ant1	5745	17.600	5736.120	5753.720	0.5	PASS
		5785	17.640	5776.120	5793.760	0.5	PASS
		5825	17.600	5816.160	5833.760	0.5	PASS
11AC40SISO	Ant1	5755	36.400	5736.760	5773.160	0.5	PASS
		5795	36.320	5776.760	5813.080	0.5	PASS
11AC80SISO	Ant1	5775	75.680	5737.400	5813.080	0.5	PASS
11AX20SISO	Ant1	5745	19.040	5735.400	5754.440	0.5	PASS
		5785	19.040	5775.440	5794.480	0.5	PASS
		5825	19.000	5815.440	5834.440	0.5	PASS
11AX40SISO	Ant1	5755	38.160	5735.880	5774.040	0.5	PASS
		5795	38.080	5775.880	5813.960	0.5	PASS
11AX80SISO	Ant1	5775	77.920	5735.960	5813.880	0.5	PASS

Test Graphs B4





11N20SISO_Ant1_5745



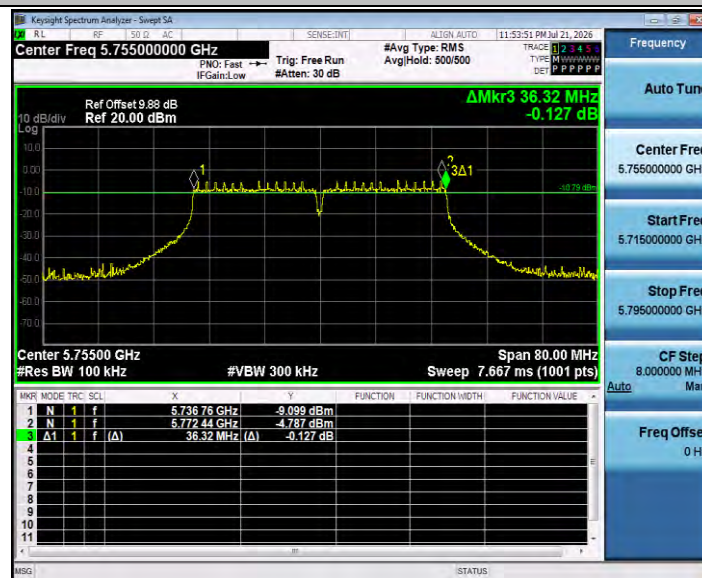
11N20SISO_Ant1_5785



11N20SISO_Ant1_5825



11N40SISO_Ant1_5755



11N40SISO_Ant1_5795



11AC20SISO_Ant1_5745



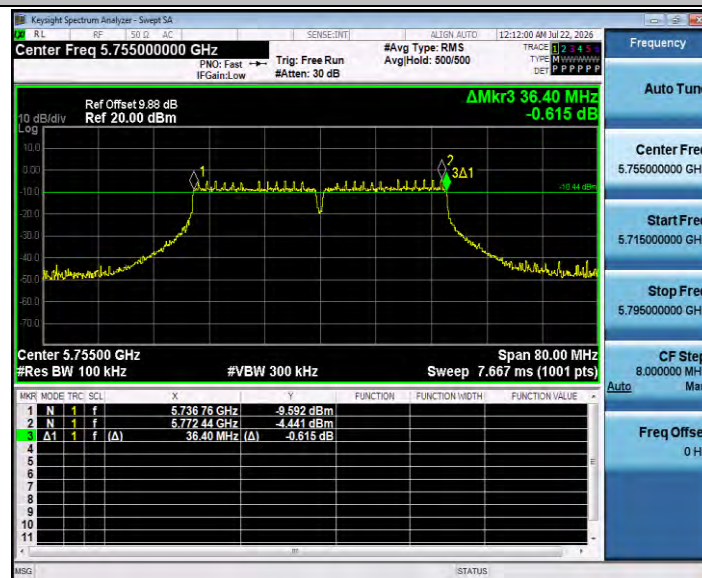
11AC20SISO_Ant1_5785



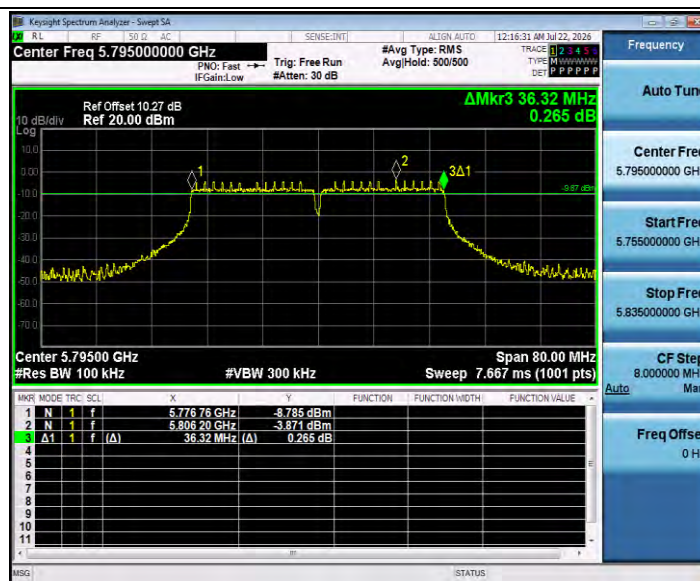
11AC20SISO_Ant1_5825



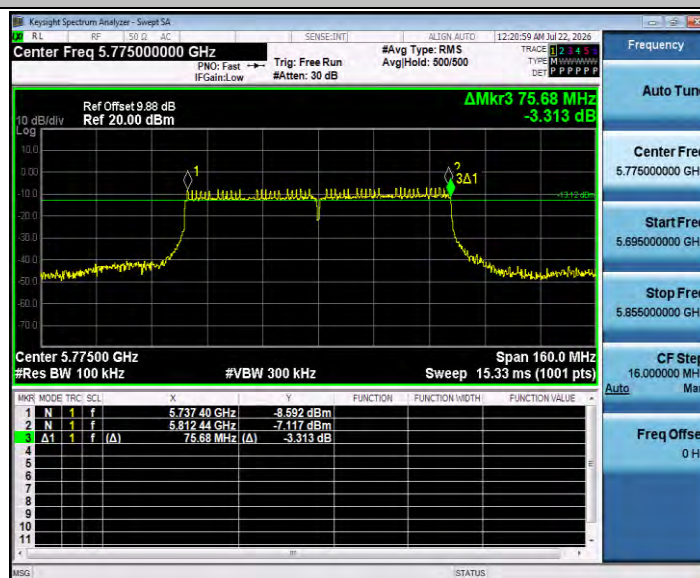
11AC40SISO_Ant1_5755



11AC40SISO_Ant1_5795



11AC80SISO_Ant1_5775



11AX20SISO_Ant1_5745



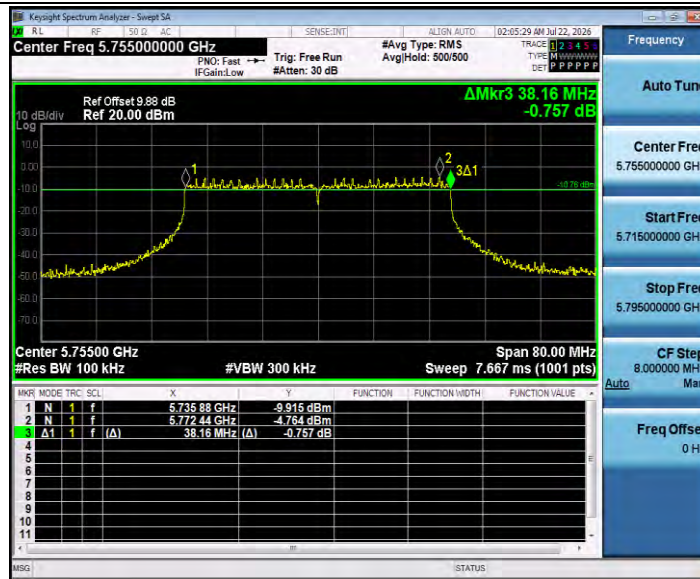
11AX20SISO_Ant1_5785



11AX20SISO_Ant1_5825



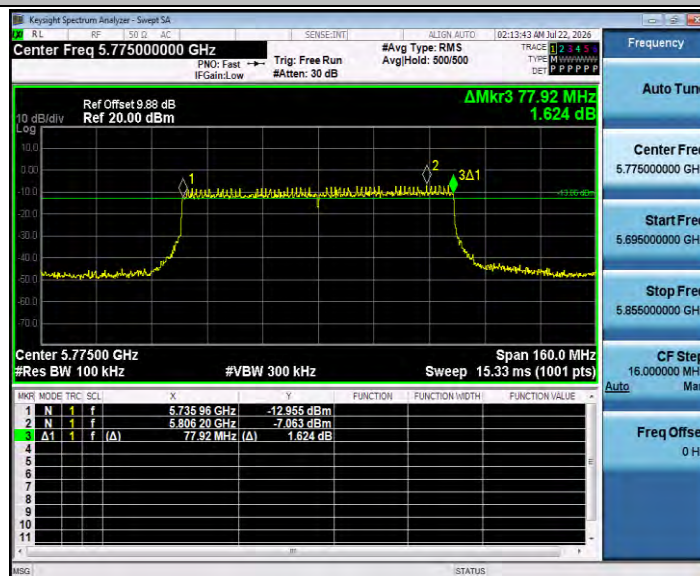
11AX40SISO_Ant1_5755



11AX40SISO_Ant1_5795



11AX80SISO_Ant1_5775

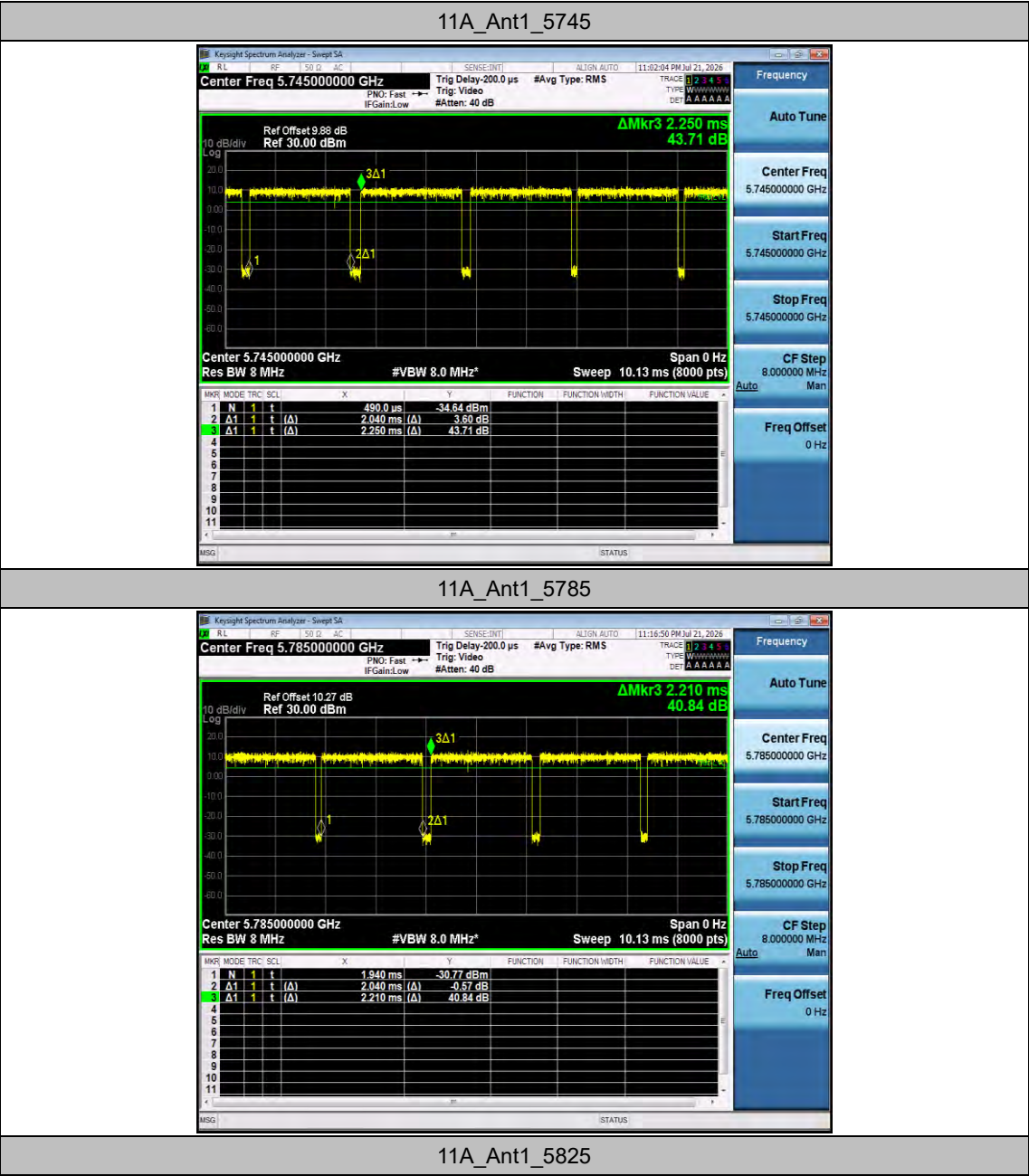


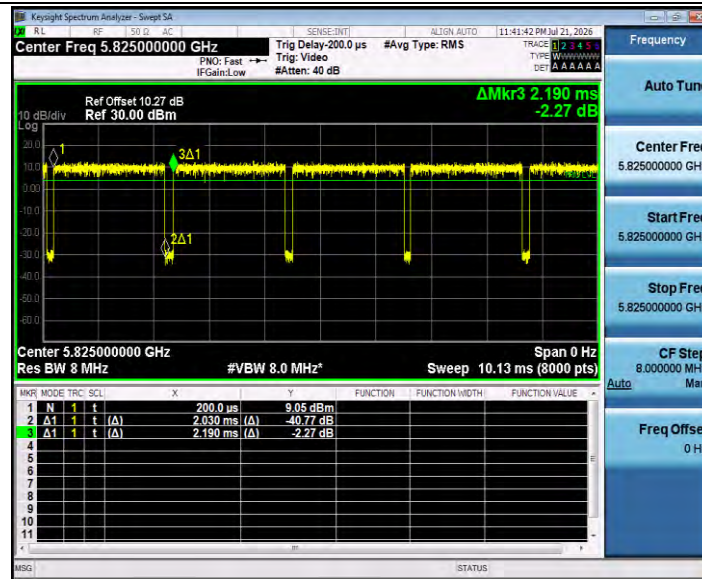
AppendixG.3: Duty Cycle

Test Result

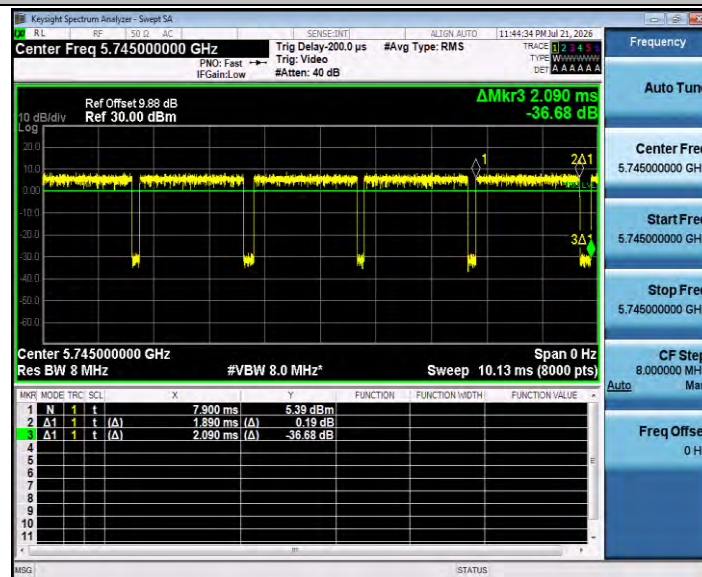
TestMode	Antenna	Freq(MHz)	Transmission Duration [ms]	Transmission Period [ms]	Duty Cycle [%]	Duty Cycle Factor[dB]	1/T Factor[KHz]
11A	Ant1	5745	2.04	2.25	90.67	0.43	0.49
		5785	2.04	2.21	92.31	0.35	0.49
		5825	2.03	2.19	92.69	0.33	0.49
11N20SISO	Ant1	5745	1.89	2.09	90.43	0.44	0.53
		5785	1.89	2.11	89.57	0.48	0.53
		5825	1.89	2.02	93.56	0.29	0.53
11N40SISO	Ant1	5755	0.93	1.17	79.49	1.00	1.08
		5795	0.93	1.11	83.78	0.77	1.08
11AC20SISO	Ant1	5745	1.90	2.14	88.79	0.52	0.53
		5785	1.90	2.11	90.05	0.46	0.53
		5825	1.90	2.04	93.14	0.31	0.53
11AC40SISO	Ant1	5755	0.94	1.15	81.74	0.88	1.06
		5795	0.94	1.16	81.03	0.91	1.06
11AC80SISO	Ant1	5775	0.45	0.94	47.87	3.20	2.22
11AX20SISO	Ant1	5745	1.46	1.70	85.88	0.66	0.68
		5785	1.46	1.70	85.88	0.66	0.68
		5825	1.47	1.62	90.74	0.42	0.68
11AX40SISO	Ant1	5755	0.76	1.24	61.29	2.13	1.32
		5795	0.77	1.00	77.00	1.14	1.30
11AX80SISO	Ant1	5775	0.39	0.56	69.64	1.57	2.56

Test Graphs

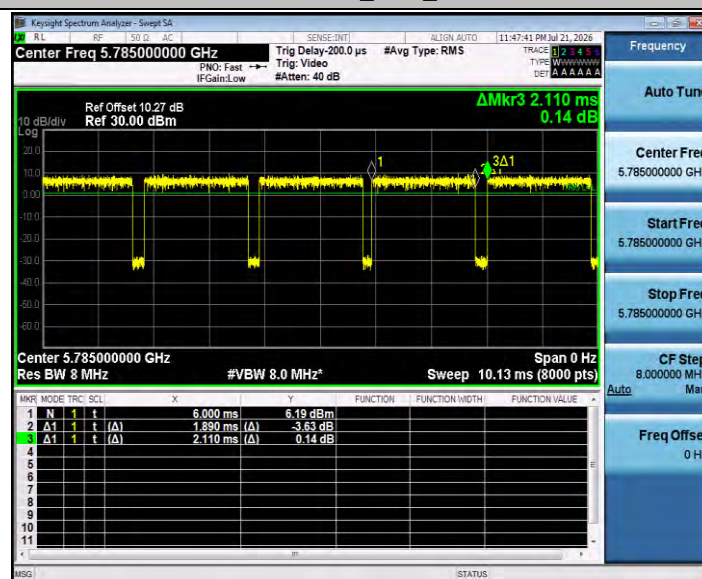




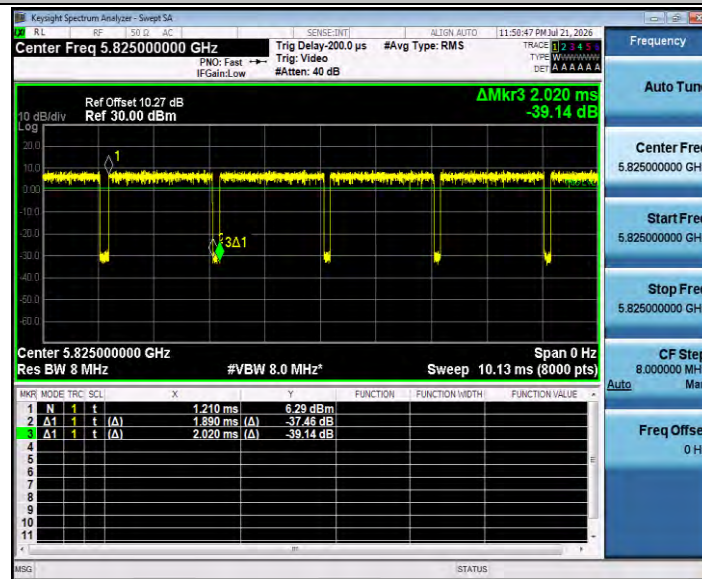
11N20SISO_Ant1_5745



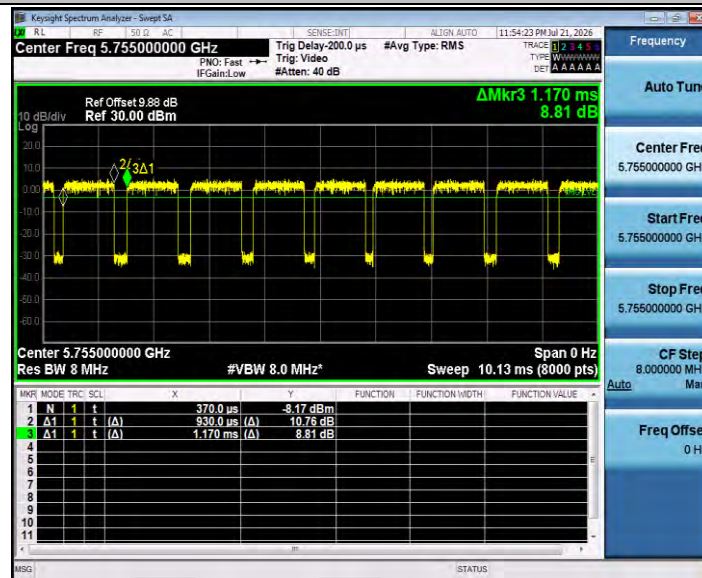
11N20SISO_Ant1_5785



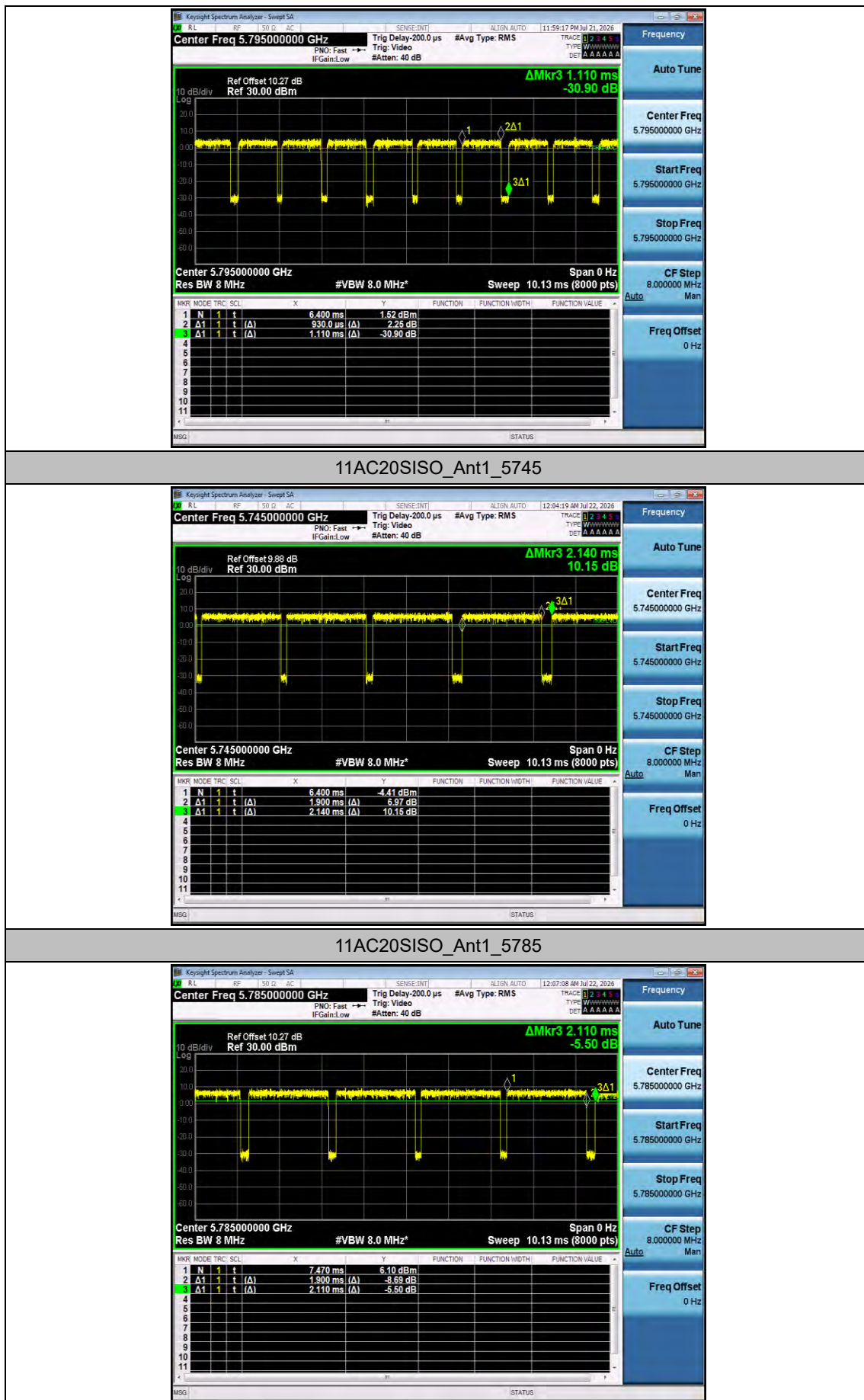
11N20SISO_Ant1_5825



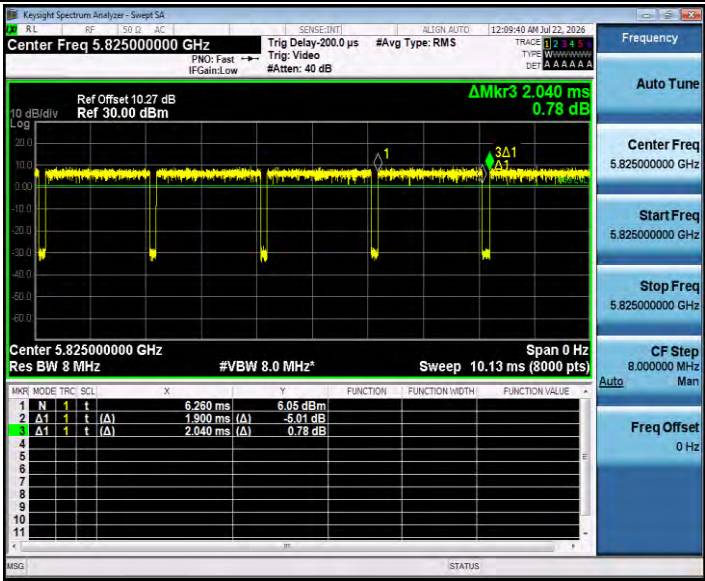
11N40SISO_Ant1_5755



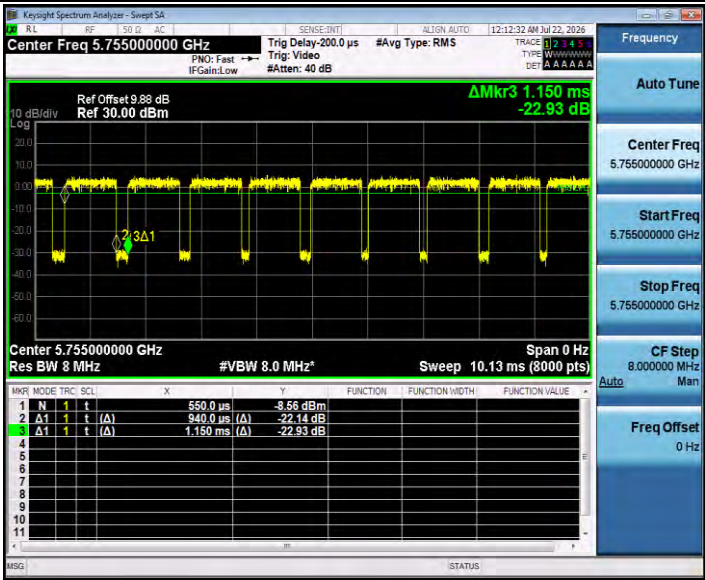
11N40SISO_Ant1_5795



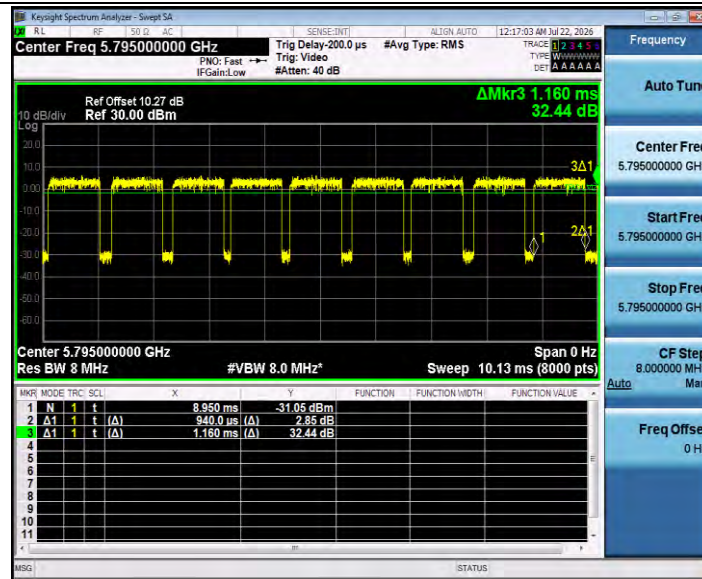
11AC20SISO_Ant1_5825



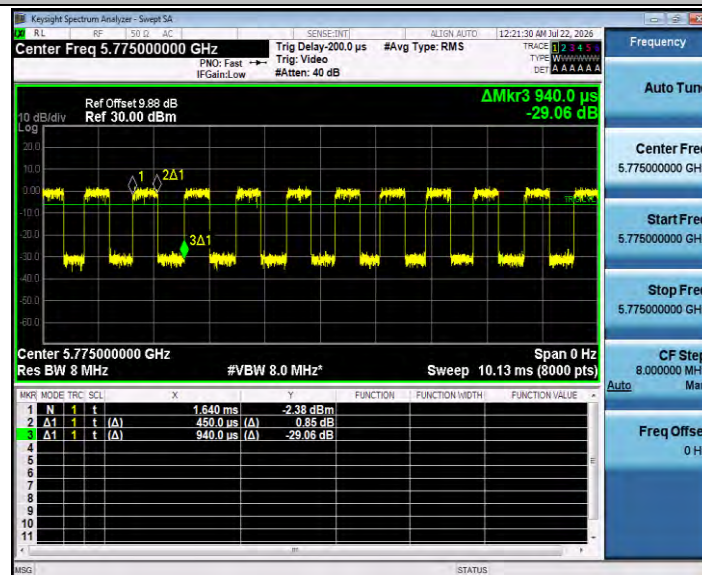
11AC40SISO_Ant1_5755



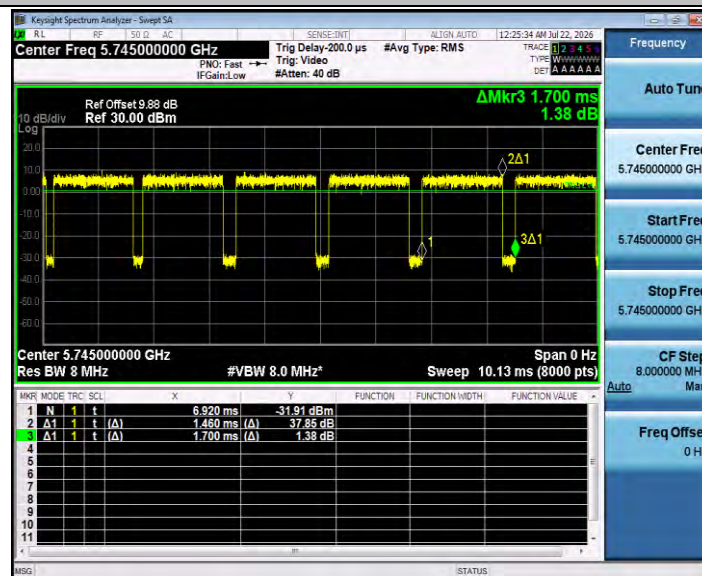
11AC40SISO_Ant1_5795



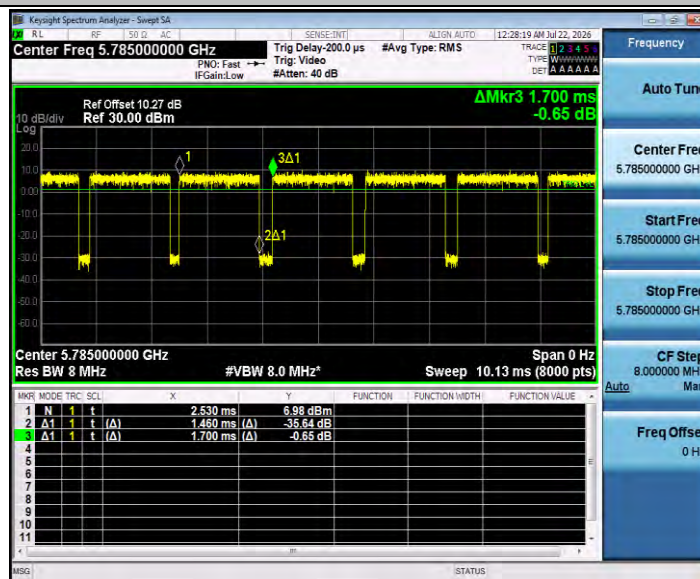
11AC80SISO_Ant1_5775



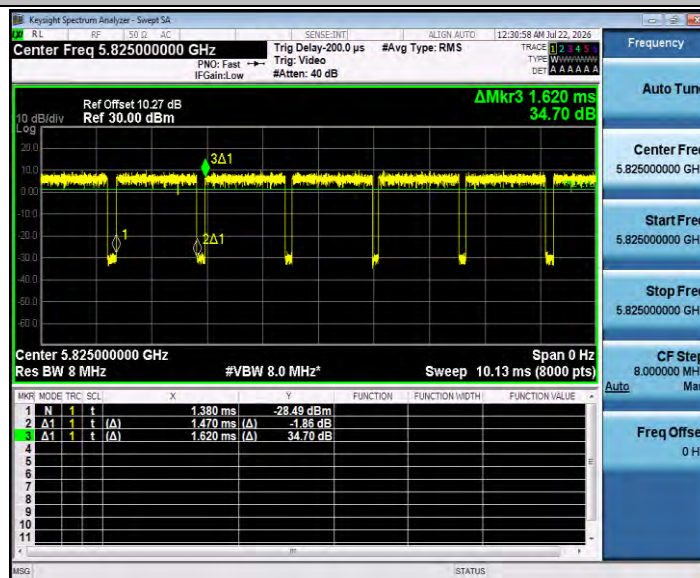
11AX20SISO_Ant1_5745



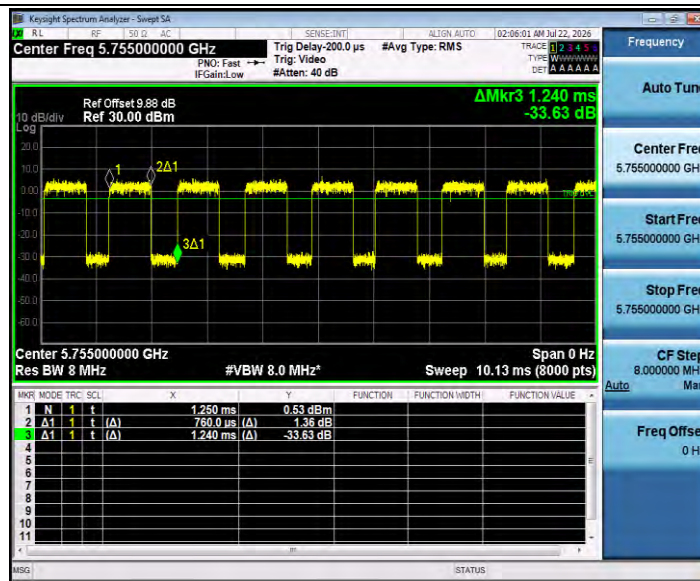
11AX20SISO_Ant1_5785



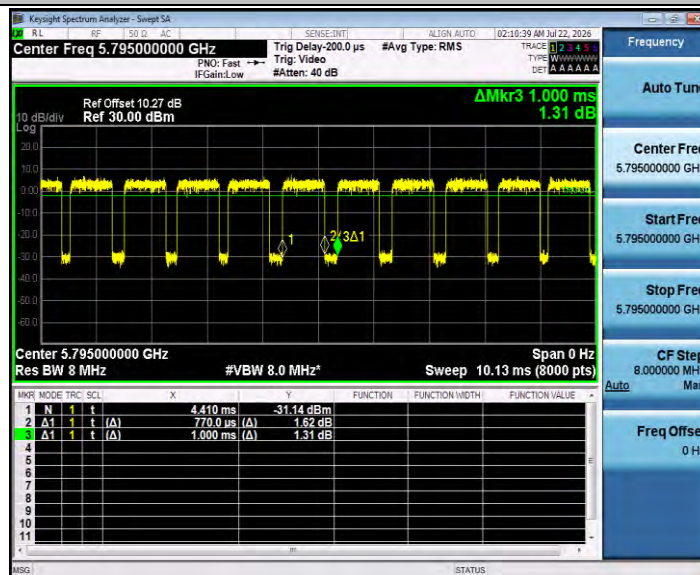
11AX20SISO_Ant1_5825



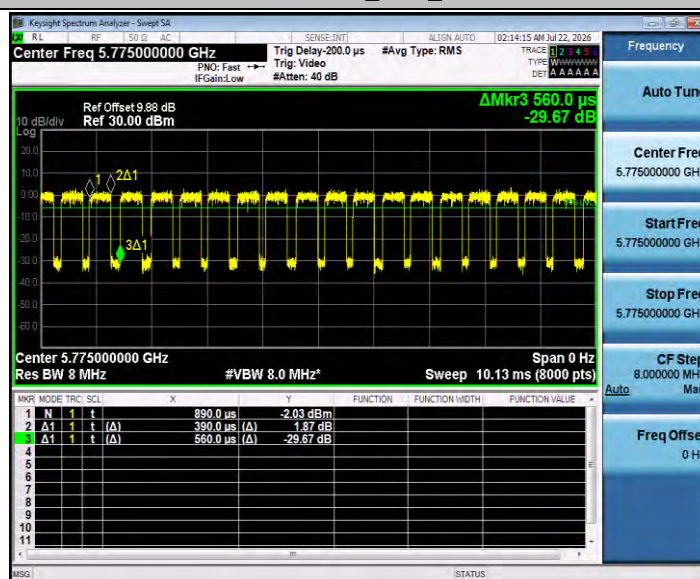
11AX40SISO_Ant1_5755



11AX40ISO_Ant1_5795



11AX80ISO_Ant1_5775



Appendix G.4: Maximum conducted output power

Test Result

DC 24V:

Test Mode	Antenna	Freq(MHz)	Channel Power [dBm]	Duty Cycle [%]	DC Factor [dBm]	Result [dBm]	Limit [dBm]	Verdict
11A	Ant1	5745	12.22	90.67	0.43	12.65	≤30.00	PASS
		5785	12.91	92.31	0.35	13.26	≤30.00	PASS
		5825	12.84	92.69	0.33	13.17	≤30.00	PASS
11N20SISO	Ant1	5745	8.86	90.43	0.44	9.30	≤30.00	PASS
		5785	9.78	89.57	0.48	10.26	≤30.00	PASS
		5825	9.70	93.56	0.29	9.99	≤30.00	PASS
11N40SISO	Ant1	5755	8.51	79.49	1.00	9.51	≤30.00	PASS
		5795	9.44	83.78	0.77	10.21	≤30.00	PASS
11AC20SISO	Ant1	5745	9.05	88.79	0.52	9.57	≤30.00	PASS
		5785	10.02	90.05	0.46	10.48	≤30.00	PASS
		5825	9.88	93.14	0.31	10.19	≤30.00	PASS
11AC40SISO	Ant1	5755	8.71	81.74	0.88	9.59	≤30.00	PASS
		5795	9.46	81.03	0.91	10.37	≤30.00	PASS
11AC80SISO	Ant1	5775	8.29	47.87	3.20	11.49	≤30.00	PASS
11AX20SISO	Ant1	5745	9.13	85.88	0.66	9.79	≤30.00	PASS
		5785	9.96	85.88	0.66	10.62	≤30.00	PASS
		5825	9.85	90.74	0.42	10.27	≤30.00	PASS
11AX40SISO	Ant1	5755	8.32	61.29	2.13	10.45	≤30.00	PASS
		5795	9.38	77.00	1.14	10.52	≤30.00	PASS
11AX80SISO	Ant1	5775	7.91	69.64	1.57	9.48	≤30.00	PASS

DC 55V(PoE++):

Test Mode	Antenna	Freq(MHz)	Channel Power [dBm]	Duty Cycle [%]	DC Factor [dBm]	Result [dBm]	Limit [dBm]	Verdict
11A	Ant1	5745	11.87	90.67	0.43	12.30	≤30.00	PASS
		5785	12.45	92.31	0.35	12.80	≤30.00	PASS
		5825	12.65	92.69	0.33	12.98	≤30.00	PASS
11N20SISO	Ant1	5745	8.42	90.43	0.44	8.86	≤30.00	PASS
		5785	9.28	89.57	0.48	9.76	≤30.00	PASS
		5825	9.19	93.56	0.29	9.48	≤30.00	PASS
11N40SISO	Ant1	5755	8.05	79.49	1.00	9.05	≤30.00	PASS
		5795	9.04	83.78	0.77	9.81	≤30.00	PASS
11AC20SISO	Ant1	5745	8.65	88.79	0.52	9.17	≤30.00	PASS
		5785	9.57	90.05	0.46	10.03	≤30.00	PASS
		5825	9.32	93.14	0.31	9.63	≤30.00	PASS
11AC40SISO	Ant1	5755	8.27	81.74	0.88	9.15	≤30.00	PASS
		5795	9.01	81.03	0.91	9.92	≤30.00	PASS
11AC80SISO	Ant1	5775	7.88	47.87	3.20	11.08	≤30.00	PASS
11AX20SISO	Ant1	5745	8.69	85.88	0.66	9.35	≤30.00	PASS
		5785	9.45	85.88	0.66	10.11	≤30.00	PASS
		5825	9.31	90.74	0.42	9.73	≤30.00	PASS
11AX40SISO	Ant1	5755	8.02	61.29	2.13	10.15	≤30.00	PASS
		5795	9.13	77.00	1.14	10.27	≤30.00	PASS
11AX80SISO	Ant1	5775	7.47	69.64	1.57	9.04	≤30.00	PASS

AppendixG.5: Maximum power spectral density

Test Result

TestMode	Antenna	Freq(MHz)	Result [dBm/MHz]	Limit[dBm/MHz]	Verdict
11A	Ant1	5745	-1.82	≤30.00	PASS
		5785	-1.05	≤30.00	PASS
		5825	-1.33	≤30.00	PASS
11N20SISO	Ant1	5745	-5.31	≤30.00	PASS
		5785	-4.29	≤30.00	PASS
		5825	-4.71	≤30.00	PASS
11N40SISO	Ant1	5755	-7.58	≤30.00	PASS
		5795	-6.93	≤30.00	PASS
11AC20SISO	Ant1	5745	-5.22	≤30.00	PASS
		5785	-4.38	≤30.00	PASS
		5825	-4.39	≤30.00	PASS
11AC40SISO	Ant1	5755	-7.77	≤30.00	PASS
		5795	-6.83	≤30.00	PASS
11AC80SISO	Ant1	5775	-9.55	≤30.00	PASS
11AX20SISO	Ant1	5745	-5.33	≤30.00	PASS
		5785	-4.55	≤30.00	PASS
		5825	-4.81	≤30.00	PASS
11AX40SISO	Ant1	5755	-7.09	≤30.00	PASS
		5795	-7.16	≤30.00	PASS
11AX80SISO	Ant1	5775	-10.29	≤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_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

