

11.3.2. Test Graphs







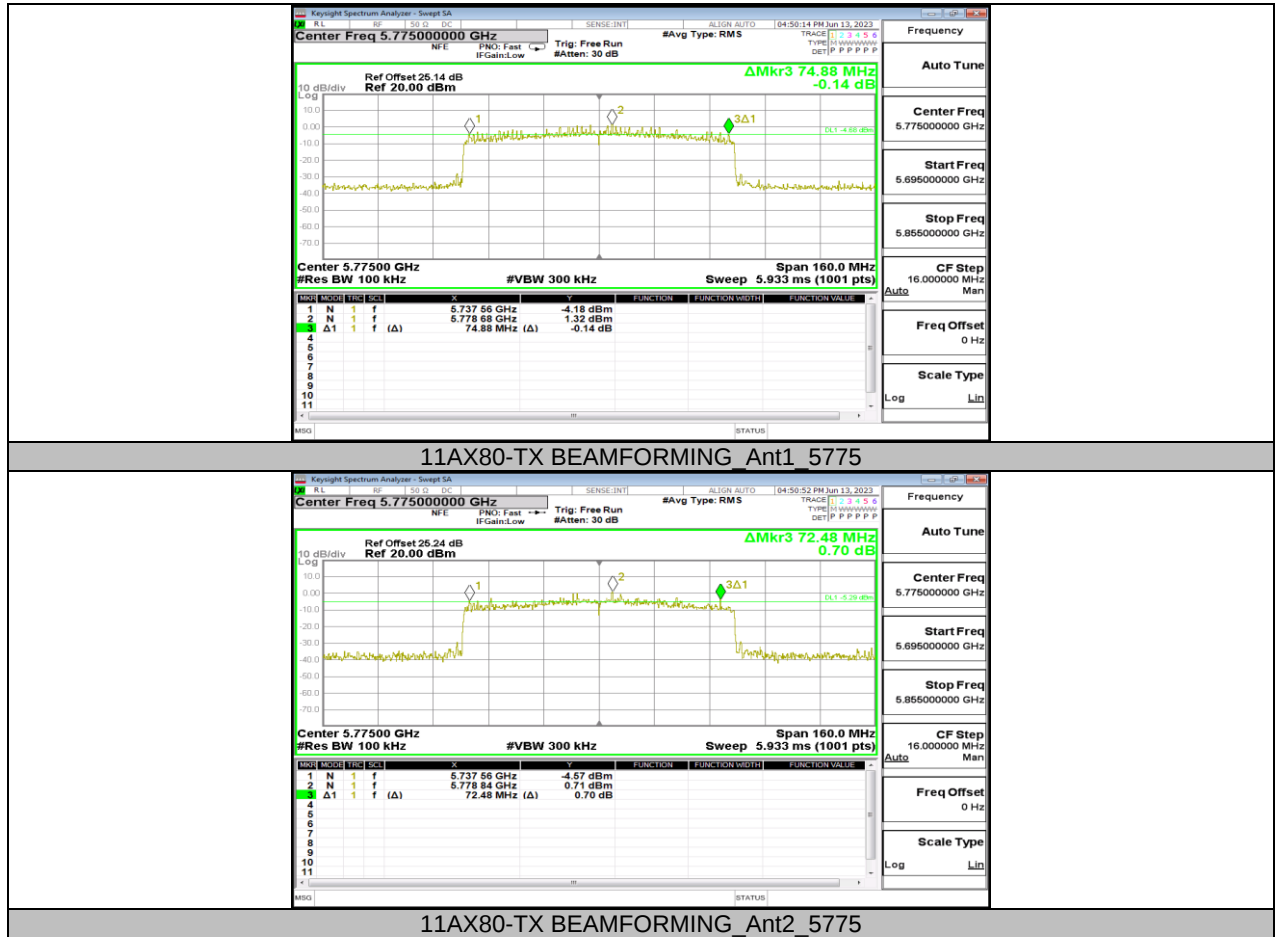












11.4. APPENDIX D: MAXIMUM AVERAGE CONDUCTED OUTPUT POWER

11.4.1. Test Result

Test Mode	Antenna	Channel	Power [dBm]	FCC Limit [dBm]	Verdict
11A-CDD	Ant1	5180	19.18	≤30.00	PASS
	Ant2	5180	19.17	≤30.00	PASS
	total	5180	22.19	≤30.00	PASS
	Ant1	5200	22.62	≤30.00	PASS
	Ant2	5200	22.56	≤30.00	PASS
	total	5200	25.60	≤30.00	PASS
	Ant1	5240	22.88	≤30.00	PASS
	Ant2	5240	22.80	≤30.00	PASS
	total	5240	25.85	≤30.00	PASS
	Ant1	5260	16.97	≤23.48	PASS
	Ant2	5260	16.74	≤23.54	PASS
	total	5260	19.87	≤23.98	PASS
	Ant1	5280	16.84	≤23.46	PASS
	Ant2	5280	16.76	≤23.58	PASS
	total	5280	19.81	≤23.98	PASS
	Ant1	5320	16.73	≤23.55	PASS
	Ant2	5320	16.80	≤23.56	PASS
	total	5320	19.78	≤23.98	PASS
	Ant1	5500	16.31	≤23.51	PASS
	Ant2	5500	16.59	≤23.51	PASS
	total	5500	19.46	≤23.98	PASS
	Ant1	5580	16.49	≤23.59	PASS
	Ant2	5580	16.70	≤23.49	PASS
	total	5580	19.61	≤23.98	PASS
	Ant1	5700	17.03	≤23.49	PASS
	Ant2	5700	16.82	≤23.45	PASS
	total	5700	19.94	≤23.98	PASS
	Ant1	5720 UNII-2C	15.66	≤22.49	PASS
	Ant2	5720 UNII-2C	15.57	≤22.41	PASS
	total	5720 UNII-2C	18.63	≤23.98	PASS
	Ant1	5720 UNII-3	7.54	≤30.00	PASS
	Ant2	5720 UNII-3	7.38	≤30.00	PASS
	total	5720 UNII-3	10.47	≤30.00	PASS
	Ant1	5745	22.36	≤30.00	PASS
	Ant2	5745	22.25	≤30.00	PASS
	total	5745	25.32	≤30.00	PASS
	Ant1	5785	22.64	≤30.00	PASS
	Ant2	5785	22.56	≤30.00	PASS
	total	5785	25.61	≤30.00	PASS
	Ant1	5825	22.15	≤30.00	PASS
	Ant2	5825	22.40	≤30.00	PASS
	total	5825	25.29	≤30.00	PASS
11AX20-TX BEAMFORMING	Ant1	5180	19.29	≤30.00	PASS
	Ant2	5180	19.30	≤30.00	PASS
	total	5180	22.31	≤30.00	PASS
	Ant1	5200	22.66	≤30.00	PASS
	Ant2	5200	22.73	≤30.00	PASS
	total	5200	25.71	≤30.00	PASS
	Ant1	5240	22.94	≤30.00	PASS
	Ant2	5240	22.91	≤30.00	PASS
	total	5240	25.94	≤30.00	PASS
	Ant1	5260	16.97	≤23.98	PASS
	Ant2	5260	16.80	≤23.98	PASS
	total	5260	19.90	≤23.98	PASS
	Ant1	5280	16.86	≤23.98	PASS

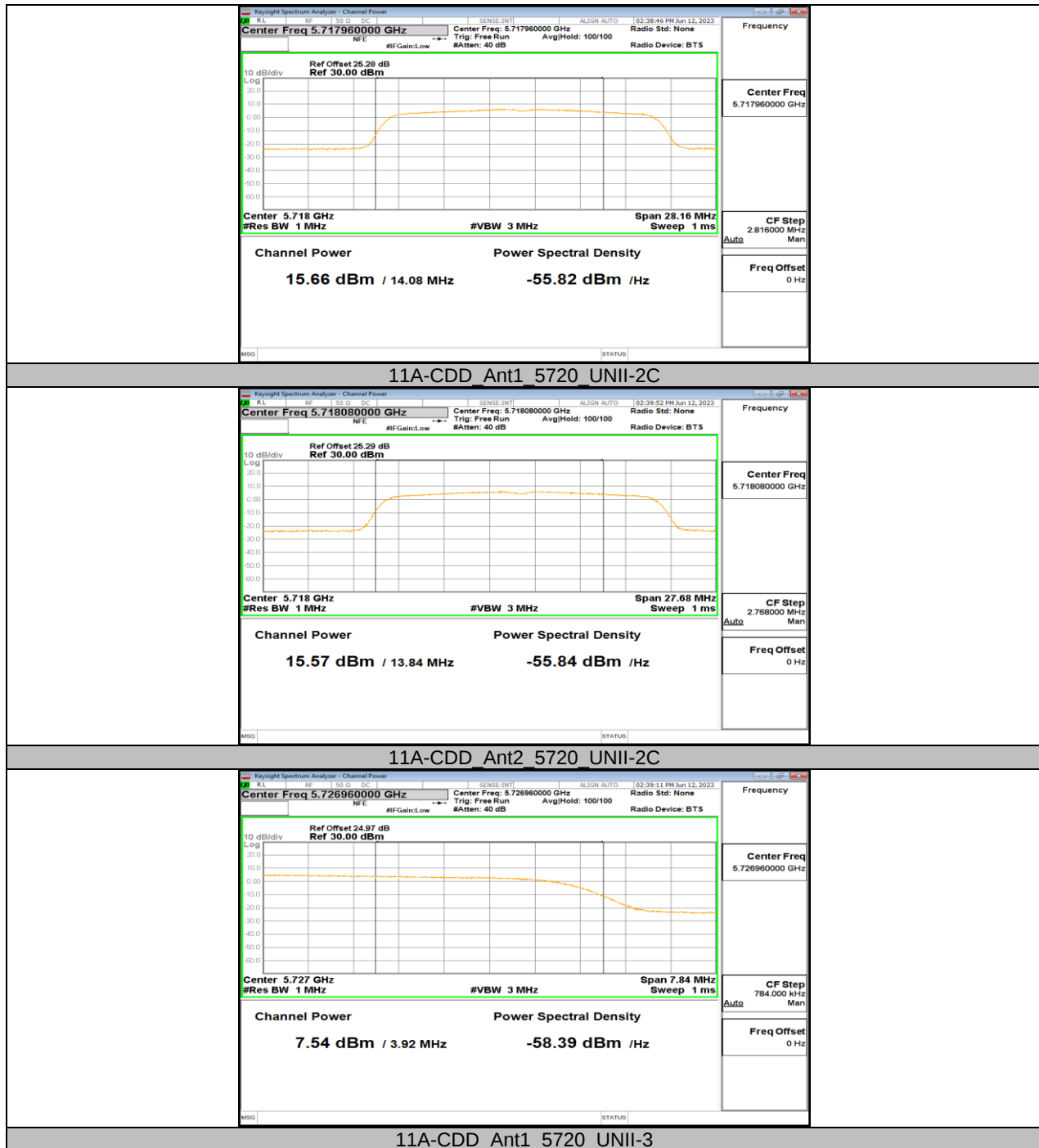
	Ant2	5280	16.73	≤23.94	PASS
	total	5280	19.81	≤23.98	PASS
	Ant1	5320	16.68	≤23.94	PASS
	Ant2	5320	16.47	≤23.97	PASS
	total	5320	19.59	≤23.98	PASS
	Ant1	5500	16.53	≤23.97	PASS
	Ant2	5500	16.89	≤23.94	PASS
	total	5500	19.72	≤23.98	PASS
	Ant1	5580	16.23	≤23.98	PASS
	Ant2	5580	16.39	≤23.98	PASS
	total	5580	19.32	≤23.98	PASS
	Ant1	5700	17.17	≤23.98	PASS
	Ant2	5700	17.07	≤23.96	PASS
	total	5700	20.13	≤23.98	PASS
	Ant1	5720 UNII-2C	15.20	≤22.69	PASS
	Ant2	5720 UNII-2C	15.13	≤22.69	PASS
	total	5720 UNII-2C	18.18	≤23.98	PASS
	Ant1	5720 UNII-3	8.14	≤30.00	PASS
	Ant2	5720 UNII-3	8.09	≤30.00	PASS
	total	5720 UNII-3	11.13	≤30.00	PASS
	Ant1	5745	22.08	≤30.00	PASS
	Ant2	5745	21.99	≤30.00	PASS
	total	5745	25.05	≤30.00	PASS
	Ant1	5785	22.33	≤30.00	PASS
	Ant2	5785	22.28	≤30.00	PASS
	total	5785	25.32	≤30.00	PASS
	Ant1	5825	21.84	≤30.00	PASS
	Ant2	5825	22.00	≤30.00	PASS
	total	5825	24.93	≤30.00	PASS
11AX40-TX BEAMFORMING	Ant1	5190	18.81	≤30.00	PASS
	Ant2	5190	18.98	≤30.00	PASS
	total	5190	21.91	≤30.00	PASS
	Ant1	5230	22.22	≤30.00	PASS
	Ant2	5230	22.26	≤30.00	PASS
	total	5230	25.25	≤30.00	PASS
	Ant1	5270	19.47	≤23.98	PASS
	Ant2	5270	19.34	≤23.98	PASS
	total	5270	22.42	≤23.98	PASS
	Ant1	5310	19.71	≤23.98	PASS
	Ant2	5310	19.48	≤23.98	PASS
	total	5310	22.61	≤23.98	PASS
	Ant1	5510	19.27	≤23.98	PASS
	Ant2	5510	20.07	≤23.98	PASS
	total	5510	22.70	≤23.98	PASS
	Ant1	5550	19.80	≤23.98	PASS
	Ant2	5550	19.89	≤23.98	PASS
	total	5550	22.86	≤23.98	PASS
	Ant1	5670	19.76	≤23.98	PASS
	Ant2	5670	19.55	≤23.98	PASS
	total	5670	22.67	≤23.98	PASS
	Ant1	5710 UNII-2C	19.50	≤23.98	PASS
	Ant2	5710 UNII-2C	19.51	≤23.98	PASS
	total	5710 UNII-2C	22.52	≤23.98	PASS
	Ant1	5710 UNII-3	6.26	≤30.00	PASS
	Ant2	5710 UNII-3	6.05	≤30.00	PASS
	total	5710 UNII-3	9.17	≤30.00	PASS
	Ant1	5755	21.97	≤30.00	PASS
	Ant2	5755	21.92	≤30.00	PASS
	total	5755	24.96	≤30.00	PASS
	Ant1	5795	22.41	≤30.00	PASS
	Ant2	5795	22.32	≤30.00	PASS

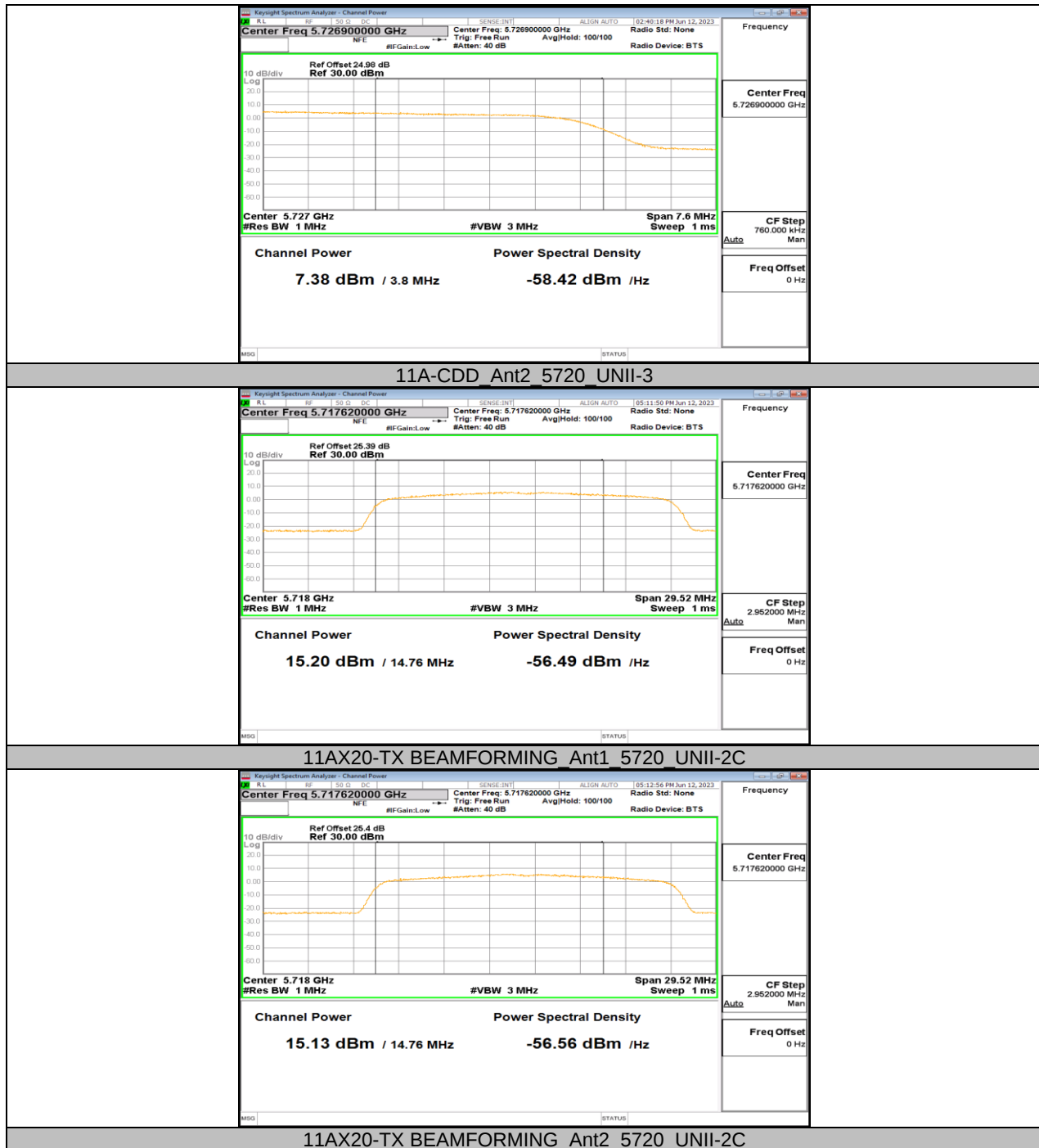
11AX80-TX BEAMFORMING	total	5795	25.38	≤30.00	PASS
	Ant1	5210	17.28	≤30.00	PASS
	Ant2	5210	17.63	≤30.00	PASS
	total	5210	20.47	≤30.00	PASS
	Ant1	5290	17.28	≤23.98	PASS
	Ant2	5290	17.04	≤23.98	PASS
	total	5290	20.17	≤23.98	PASS
	Ant1	5530	18.65	≤23.98	PASS
	Ant2	5530	18.46	≤23.98	PASS
	total	5530	21.57	≤23.98	PASS
	Ant1	5610	20.54	≤23.98	PASS
	Ant2	5610	20.64	≤23.98	PASS
	total	5610	23.60	≤23.98	PASS
	Ant1	5690 UNII-2C	20.00	≤23.98	PASS
	Ant2	5690 UNII-2C	19.93	≤23.98	PASS
	total	5690 UNII-2C	22.98	≤23.98	PASS
	Ant1	5690 UNII-3	2.64	≤30.00	PASS
	Ant2	5690 UNII-3	2.56	≤30.00	PASS
	total	5690 UNII-3	5.61	≤30.00	PASS
	Ant1	5775	22.40	≤30.00	PASS
	Ant2	5775	22.36	≤30.00	PASS
	total	5775	25.39	≤30.00	PASS

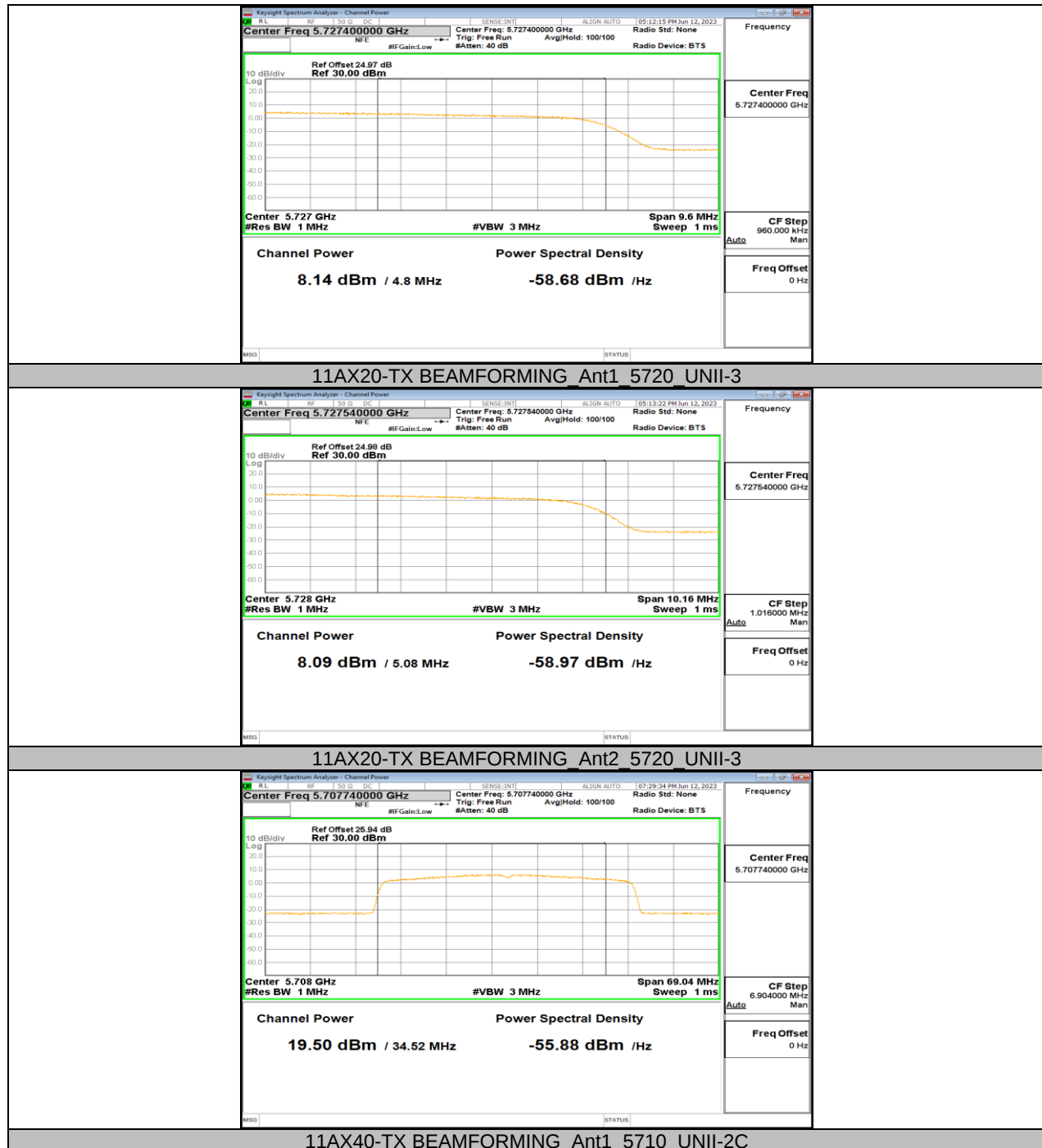
Note: 1. Conducted Power=Meas. Level+ Correction Factor

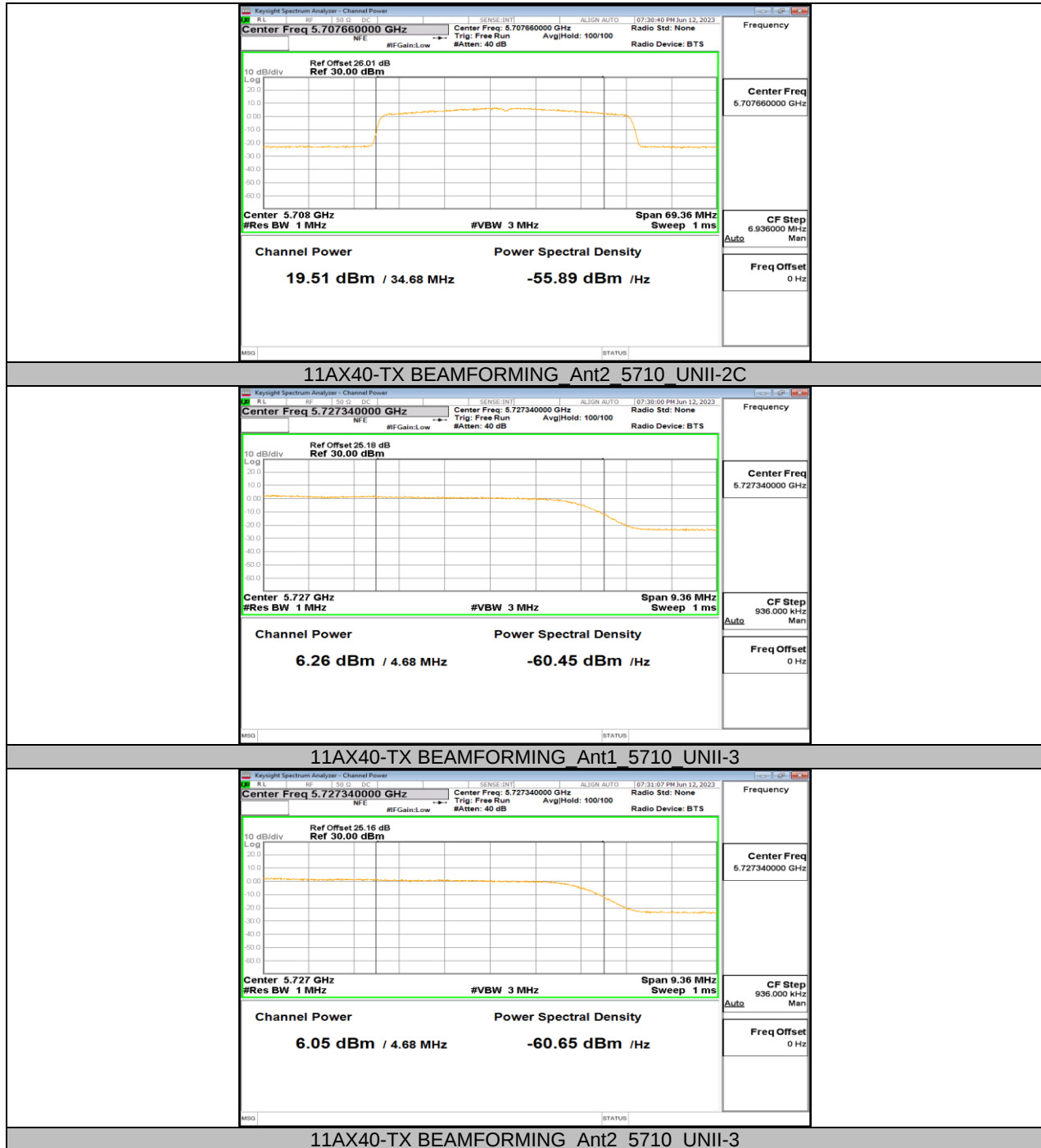
2. The Duty Cycle Factor (refer to section 7.1) had already compensated to the test data.

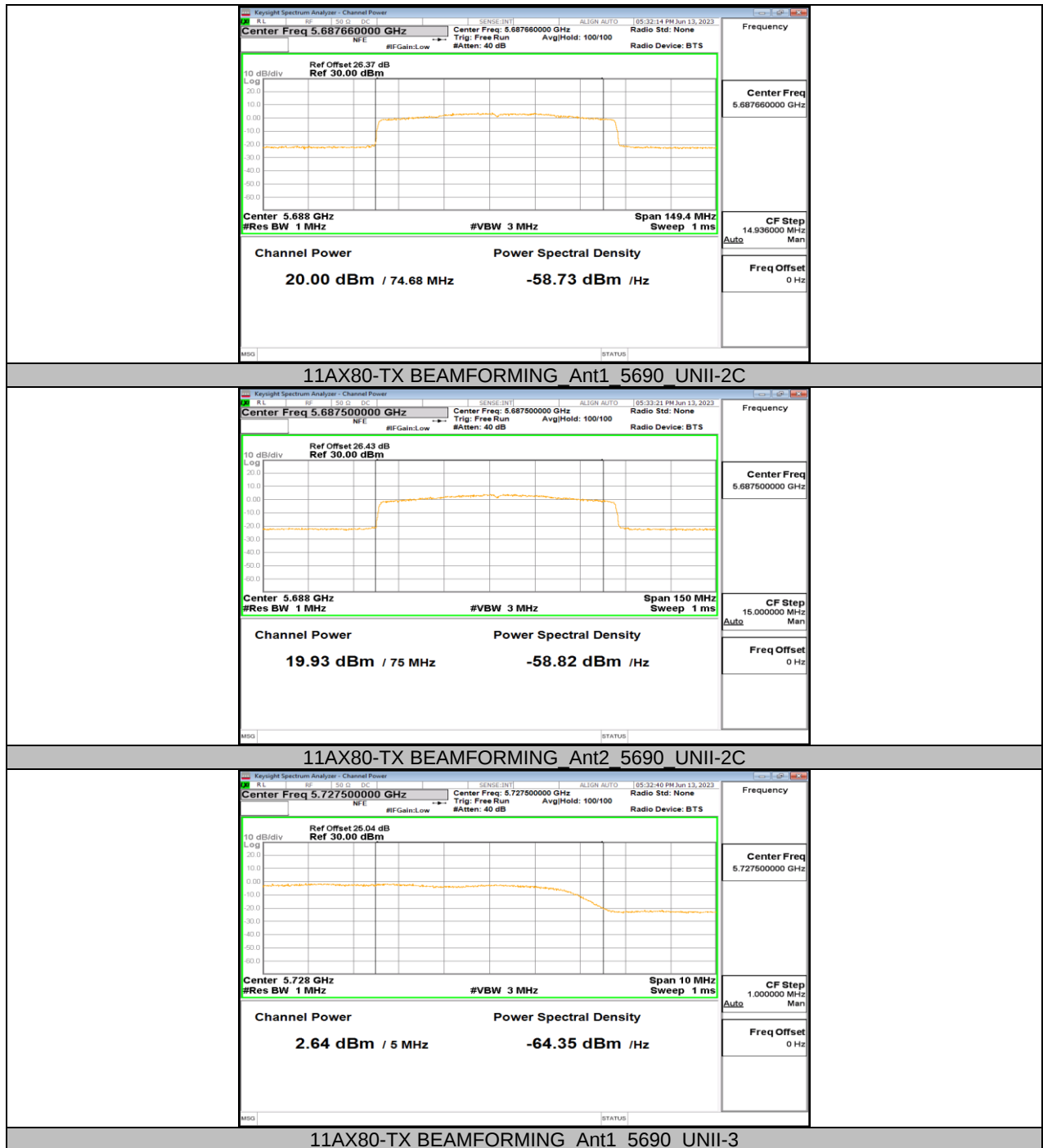
11.4.2. Test Graphs

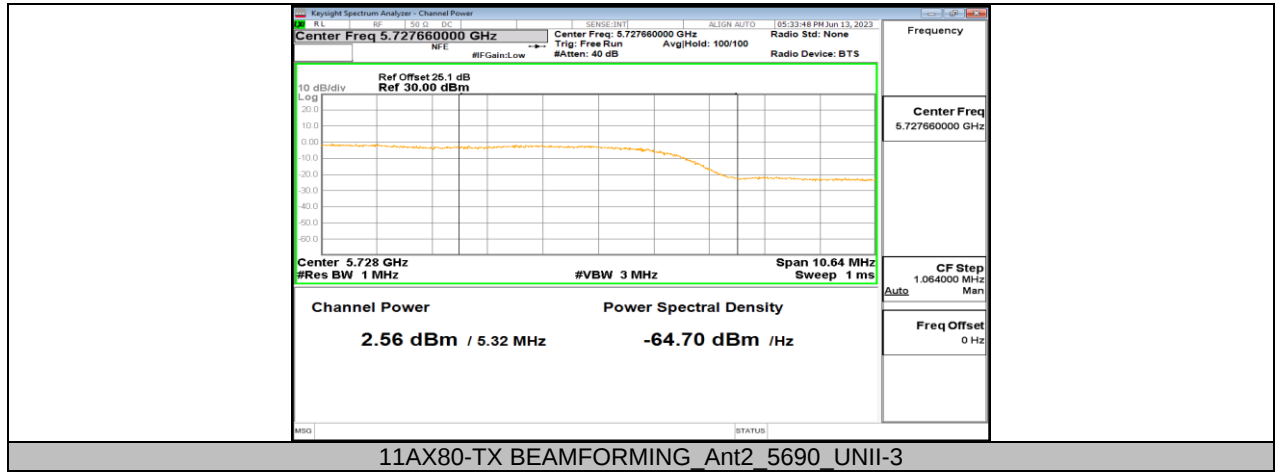












11.5. APPENDIX E: MAXIMUM POWER SPECTRAL DENSITY

11.5.1. Test Result

Test Mode	Antenna	Channel	Power [dBm/MHz]	Limit [dBm/MHz]	Verdict
11A-CDD	Ant1	5180	10.26	≤17.00	PASS
	Ant2	5180	10.13	≤17.00	PASS
	total	5180	13.21	≤17.00	PASS
	Ant1	5200	13.4	≤17.00	PASS
	Ant2	5200	13.71	≤17.00	PASS
	total	5200	16.57	≤17.00	PASS
	Ant1	5240	13.58	≤17.00	PASS
	Ant2	5240	14.16	≤17.00	PASS
	total	5240	16.89	≤17.00	PASS
	Ant1	5260	7.67	≤11.00	PASS
	Ant2	5260	7.6	≤11.00	PASS
	total	5260	10.65	≤11.00	PASS
	Ant1	5280	8.04	≤11.00	PASS
	Ant2	5280	7.74	≤11.00	PASS
	total	5280	10.90	≤11.00	PASS
	Ant1	5320	7.78	≤11.00	PASS
	Ant2	5320	7.84	≤11.00	PASS
	total	5320	10.82	≤11.00	PASS
	Ant1	5500	6.77	≤11.00	PASS
	Ant2	5500	7.69	≤11.00	PASS
	total	5500	10.26	≤11.00	PASS
	Ant1	5580	6.79	≤11.00	PASS
	Ant2	5580	7.71	≤11.00	PASS
	total	5580	10.28	≤11.00	PASS
	Ant1	5700	7.59	≤11.00	PASS
	Ant2	5700	7.93	≤11.00	PASS
	total	5700	10.77	≤11.00	PASS
	Ant1	5720 UNII-2C	7.54	≤11.00	PASS
	Ant2	5720 UNII-2C	7.52	≤11.00	PASS
	total	5720 UNII-2C	10.54	≤11.00	PASS
	Ant1	5720 UNII-3	2.57	≤30.00	PASS
	Ant2	5720 UNII-3	2.07	≤30.00	PASS
	total	5720 UNII-3	5.34	≤30.00	PASS
	Ant1	5745	10.8	≤30.00	PASS
	Ant2	5745	10.2	≤30.00	PASS
	total	5745	13.52	≤30.00	PASS
	Ant1	5785	11.16	≤30.00	PASS
	Ant2	5785	10.56	≤30.00	PASS
	total	5785	13.88	≤30.00	PASS
	Ant1	5825	10.3	≤30.00	PASS
	Ant2	5825	11.15	≤30.00	PASS
	total	5825	13.76	≤30.00	PASS
11AX20-TX BEAMFORMING	Ant1	5180	10.02	≤17.00	PASS
	Ant2	5180	10.46	≤17.00	PASS
	total	5180	13.26	≤17.00	PASS
	Ant1	5200	14.02	≤17.00	PASS
	Ant2	5200	13.71	≤17.00	PASS
	total	5200	16.88	≤17.00	PASS
	Ant1	5240	13.63	≤17.00	PASS
	Ant2	5240	14.04	≤17.00	PASS
	total	5240	16.85	≤17.00	PASS
	Ant1	5260	7.54	≤11.00	PASS
	Ant2	5260	7.45	≤11.00	PASS
	total	5260	10.51	≤11.00	PASS
	Ant1	5280	8.03	≤11.00	PASS

	Ant2	5280	7.87	≤11.00	PASS
	total	5280	10.96	≤11.00	PASS
	Ant1	5320	7.64	≤11.00	PASS
	Ant2	5320	7.46	≤11.00	PASS
	total	5320	10.56	≤11.00	PASS
	Ant1	5500	7.02	≤11.00	PASS
	Ant2	5500	7.84	≤11.00	PASS
	total	5500	10.46	≤11.00	PASS
	Ant1	5580	7.7	≤11.00	PASS
	Ant2	5580	7.19	≤11.00	PASS
	total	5580	10.46	≤11.00	PASS
	Ant1	5700	7.49	≤11.00	PASS
	Ant2	5700	8.3	≤11.00	PASS
	total	5700	10.92	≤11.00	PASS
	Ant1	5720 UNII-2C	6.62	≤11.00	PASS
	Ant2	5720 UNII-2C	7.06	≤11.00	PASS
	total	5720 UNII-2C	9.86	≤11.00	PASS
	Ant1	5720 UNII-3	1.8	≤30.00	PASS
	Ant2	5720 UNII-3	1.72	≤30.00	PASS
	total	5720 UNII-3	4.77	≤30.00	PASS
	Ant1	5745	11.29	≤30.00	PASS
	Ant2	5745	10.01	≤30.00	PASS
	total	5745	13.71	≤30.00	PASS
	Ant1	5785	10.98	≤30.00	PASS
	Ant2	5785	10.29	≤30.00	PASS
	total	5785	13.66	≤30.00	PASS
	Ant1	5825	10.13	≤30.00	PASS
	Ant2	5825	10.1	≤30.00	PASS
	total	5825	13.13	≤30.00	PASS
11AX40-TX BEAMFORMING	Ant1	5190	6.83	≤17.00	PASS
	Ant2	5190	7.34	≤17.00	PASS
	total	5190	10.10	≤17.00	PASS
	Ant1	5230	9.65	≤17.00	PASS
	Ant2	5230	9.35	≤17.00	PASS
	total	5230	12.51	≤17.00	PASS
	Ant1	5270	7.3	≤11.00	PASS
	Ant2	5270	7.56	≤11.00	PASS
	total	5270	10.44	≤11.00	PASS
	Ant1	5310	8.09	≤11.00	PASS
	Ant2	5310	7.43	≤11.00	PASS
	total	5310	10.78	≤11.00	PASS
	Ant1	5510	7.82	≤11.00	PASS
	Ant2	5510	7.98	≤11.00	PASS
	total	5510	10.91	≤11.00	PASS
	Ant1	5550	8.01	≤11.00	PASS
	Ant2	5550	7.69	≤11.00	PASS
	total	5550	10.86	≤11.00	PASS
	Ant1	5670	7.5	≤11.00	PASS
	Ant2	5670	8.12	≤11.00	PASS
	total	5670	10.83	≤11.00	PASS
	Ant1	5710 UNII-2C	7.62	≤11.00	PASS
	Ant2	5710 UNII-2C	7.61	≤11.00	PASS
	total	5710 UNII-2C	10.63	≤11.00	PASS
	Ant1	5710 UNII-3	0.75	≤30.00	PASS
	Ant2	5710 UNII-3	0.39	≤30.00	PASS
	total	5710 UNII-3	3.58	≤30.00	PASS
	Ant1	5755	6.12	≤30.00	PASS
	Ant2	5755	7.9	≤30.00	PASS
	total	5755	10.11	≤30.00	PASS
	Ant1	5795	7.59	≤30.00	PASS
	Ant2	5795	7.68	≤30.00	PASS

11AX80-TX BEAMFORMING	total	5795	10.65	≤30.00	PASS
	Ant1	5210	2.1	≤17.00	PASS
	Ant2	5210	2.68	≤17.00	PASS
	total	5210	5.41	≤17.00	PASS
	Ant1	5290	2.69	≤11.00	PASS
	Ant2	5290	1.44	≤11.00	PASS
	total	5290	5.12	≤11.00	PASS
	Ant1	5530	4.33	≤11.00	PASS
	Ant2	5530	3.26	≤11.00	PASS
	total	5530	6.84	≤11.00	PASS
	Ant1	5610	6	≤11.00	PASS
	Ant2	5610	5.6	≤11.00	PASS
	total	5610	8.81	≤11.00	PASS
	Ant1	5690 UNII-2C	5.85	≤11.00	PASS
	Ant2	5690 UNII-2C	5.92	≤11.00	PASS
	total	5690 UNII-2C	8.90	≤11.00	PASS
	Ant1	5690 UNII-3	-2.52	≤30.00	PASS
	Ant2	5690 UNII-3	-5.05	≤30.00	PASS
	total	5690 UNII-3	-0.59	≤30.00	PASS
	Ant1	5775	5.05	≤30.00	PASS
	Ant2	5775	5.19	≤30.00	PASS
	total	5775	8.13	≤30.00	PASS

Note: 1. The Duty Cycle Factor (refer to section 7.5) had already compensated to the test data.

11.5.2. Test Graphs

