

11.2. APPENDIX A2: OCCUPIED CHANNEL BANDWIDTH

11.2.1. Test Result

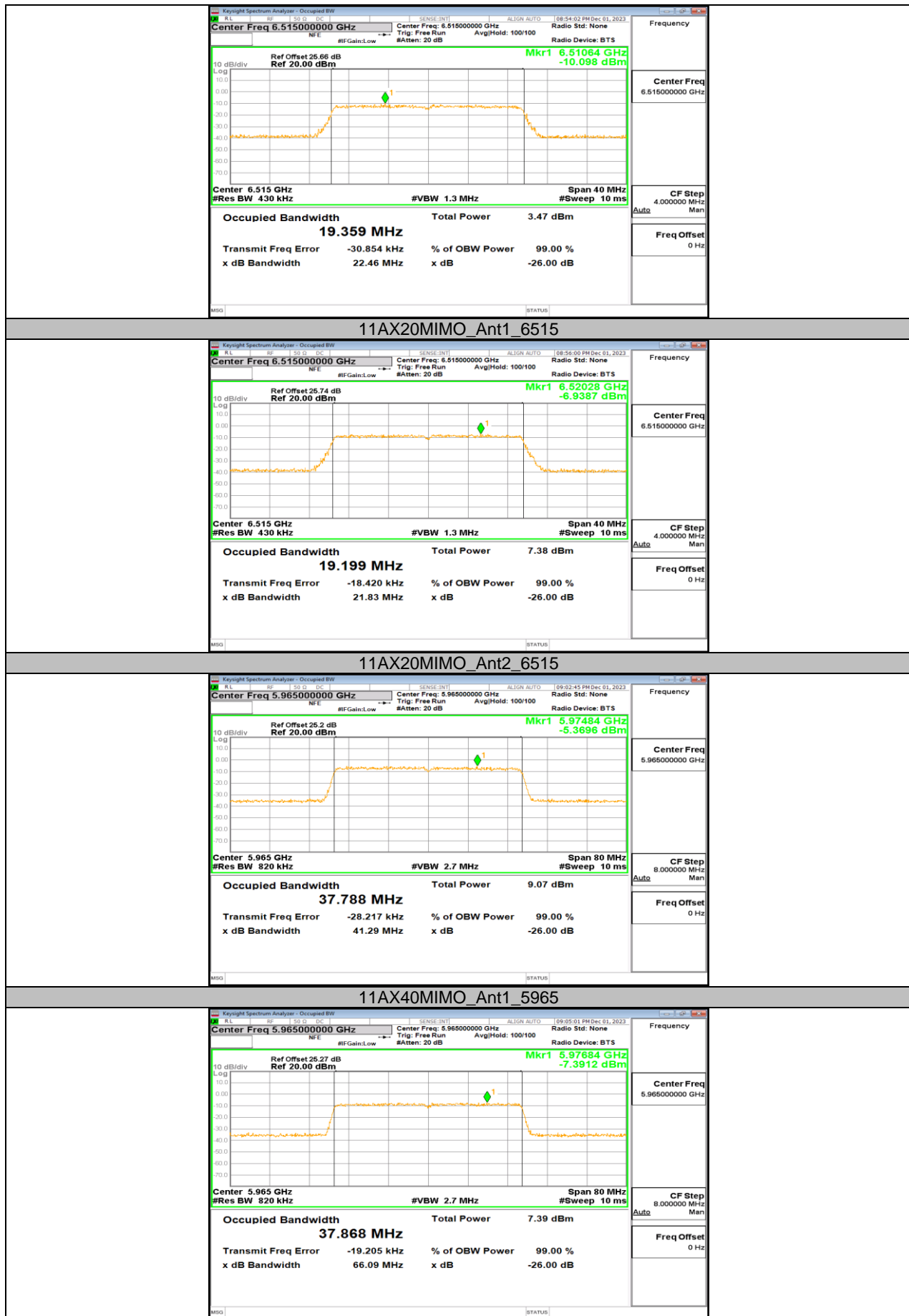
Test Mode	Antenna	Frequency[MHz]	OCB [MHz]	FL[MHz]	FH[MHz]	Limit[MHz]	Verdict
11AX20MIMO	Ant1	5955	19.282	5945.3399	5964.6219	≤320	PASS
	Ant2	5955	19.226	5945.3821	5964.6081	≤320	PASS
	Ant1	6175	19.204	6165.3926	6184.5966	≤320	PASS
	Ant2	6175	19.295	6165.3211	6184.6161	≤320	PASS
	Ant1	6415	19.242	6405.3376	6424.5796	≤320	PASS
	Ant2	6415	19.188	6405.3660	6424.5540	≤320	PASS
	Ant1	6435	19.320	6425.2956	6444.6156	≤320	PASS
	Ant2	6435	19.211	6425.3781	6444.5891	≤320	PASS
	Ant1	6475	19.325	6465.3224	6484.6474	≤320	PASS
	Ant2	6475	19.199	6465.3788	6484.5778	≤320	PASS
	Ant1	6515	19.359	6505.2897	6524.6487	≤320	PASS
	Ant2	6515	19.199	6505.3821	6524.5811	≤320	PASS
11AX40MIMO	Ant1	5965	37.788	5946.0778	5983.8658	≤320	PASS
	Ant2	5965	37.868	5946.0468	5983.9148	≤320	PASS
	Ant1	6165	37.792	6146.0607	6183.8527	≤320	PASS
	Ant2	6165	37.797	6146.0453	6183.8423	≤320	PASS
	Ant1	6405	37.834	6386.0307	6423.8647	≤320	PASS
	Ant2	6405	37.925	6385.9866	6423.9116	≤320	PASS
	Ant1	6445	37.910	6426.0083	6463.9183	≤320	PASS
	Ant2	6445	37.760	6426.1005	6463.8605	≤320	PASS
	Ant1	6485	37.863	6465.9882	6503.8512	≤320	PASS
	Ant2	6485	37.760	6466.0731	6503.8331	≤320	PASS
11AX80MIMO	Ant1	5985	77.420	5946.0998	6023.5198	≤320	PASS
	Ant2	5985	77.856	5946.0279	6023.8839	≤320	PASS
	Ant1	6145	77.385	6106.2378	6183.6228	≤320	PASS
	Ant2	6145	77.606	6106.0496	6183.6556	≤320	PASS
	Ant1	6385	77.610	6346.1107	6423.7207	≤320	PASS
	Ant2	6385	77.578	6346.0518	6423.6298	≤320	PASS
	Ant1	6465	77.535	6426.0494	6503.5844	≤320	PASS
	Ant2	6465	77.503	6426.0912	6503.5942	≤320	PASS

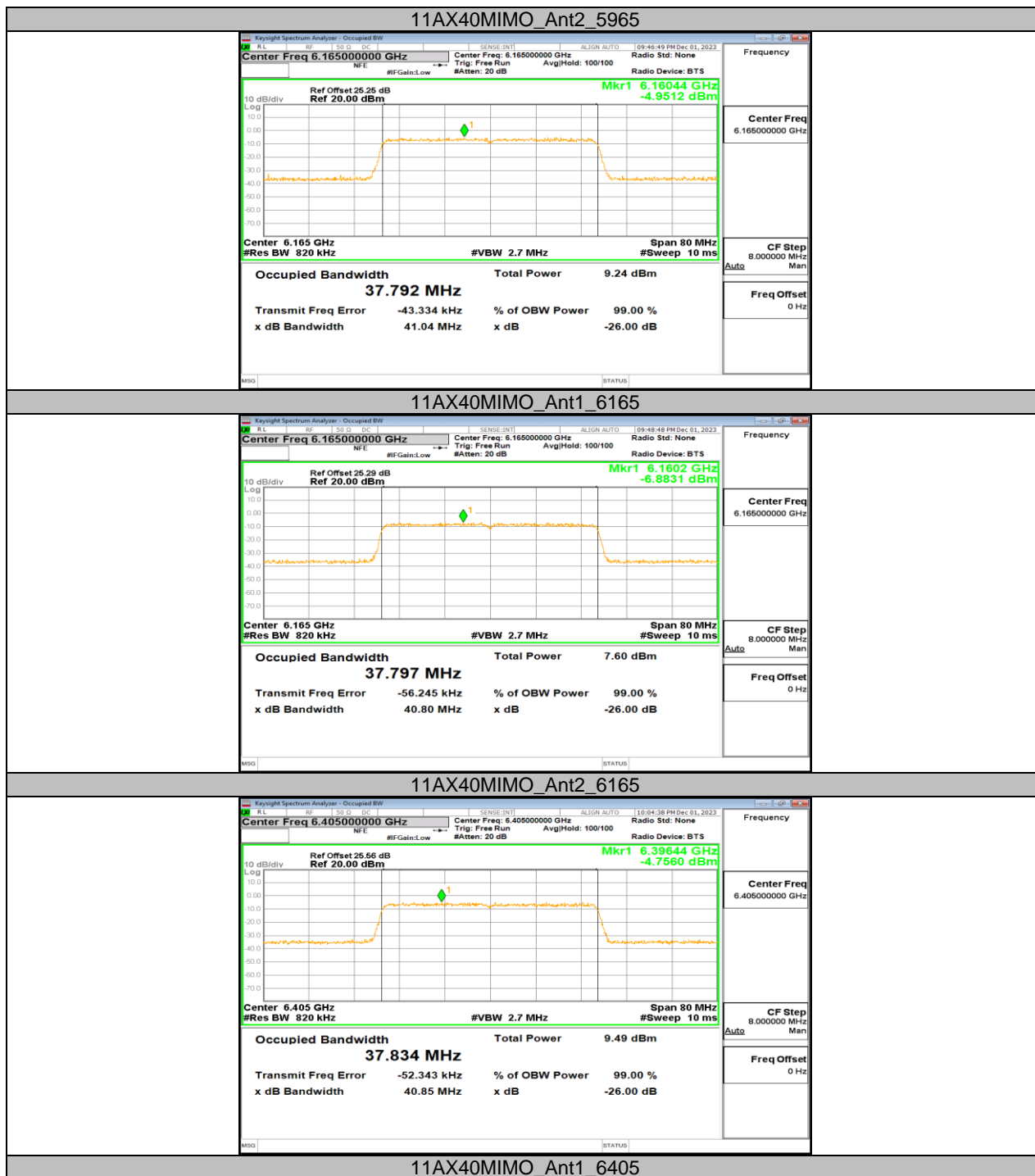
11.2.2. Test Graphs

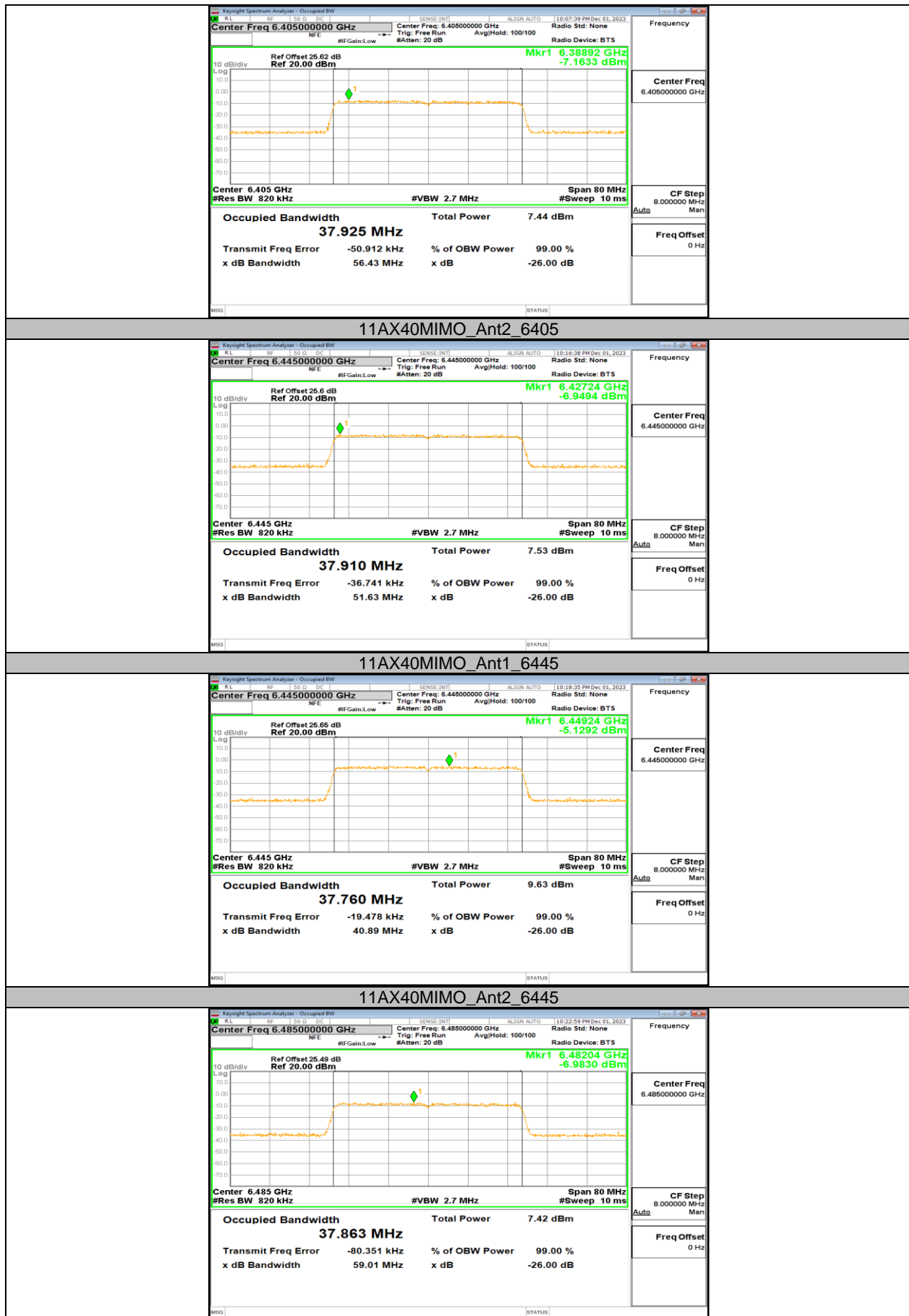


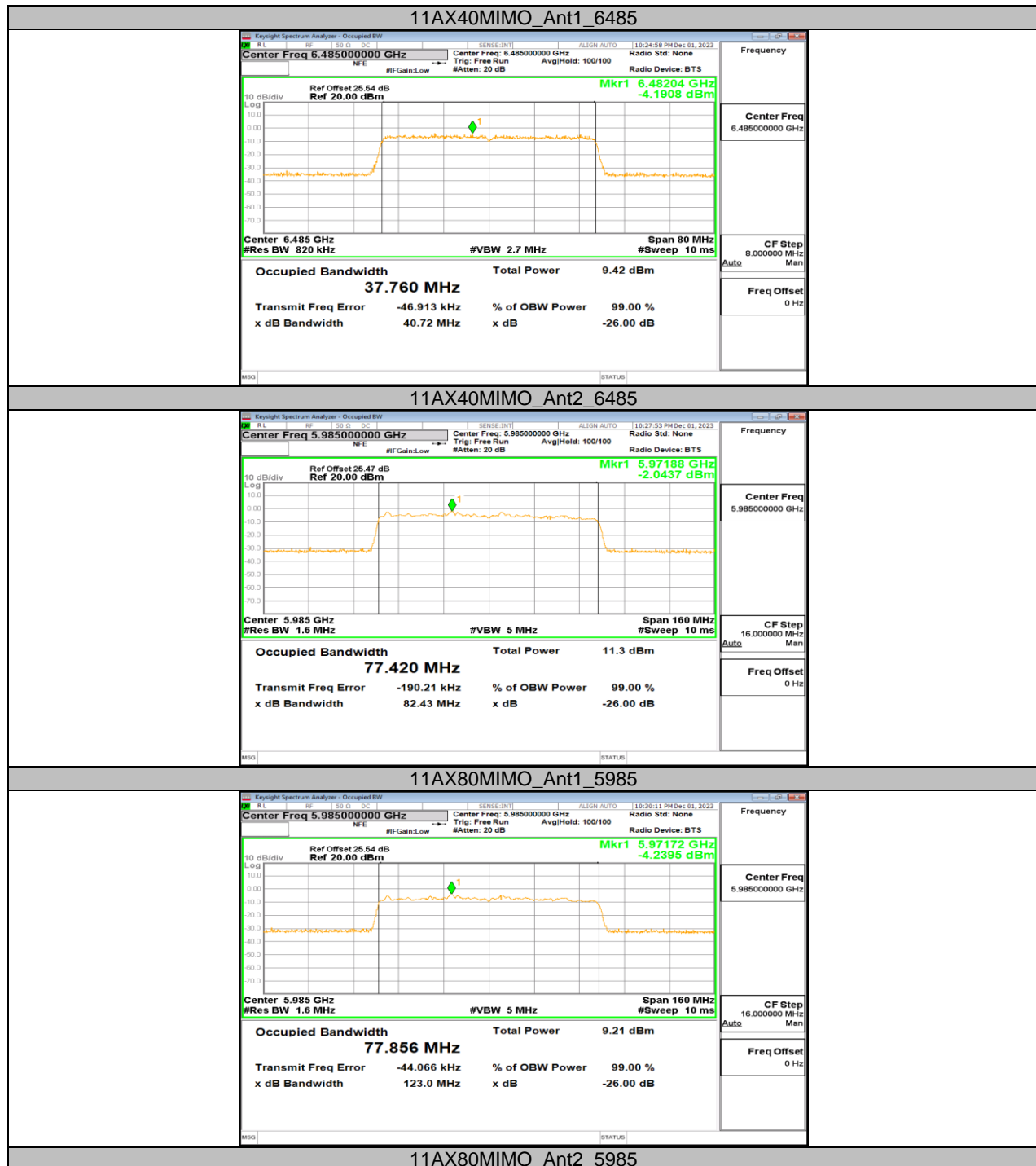


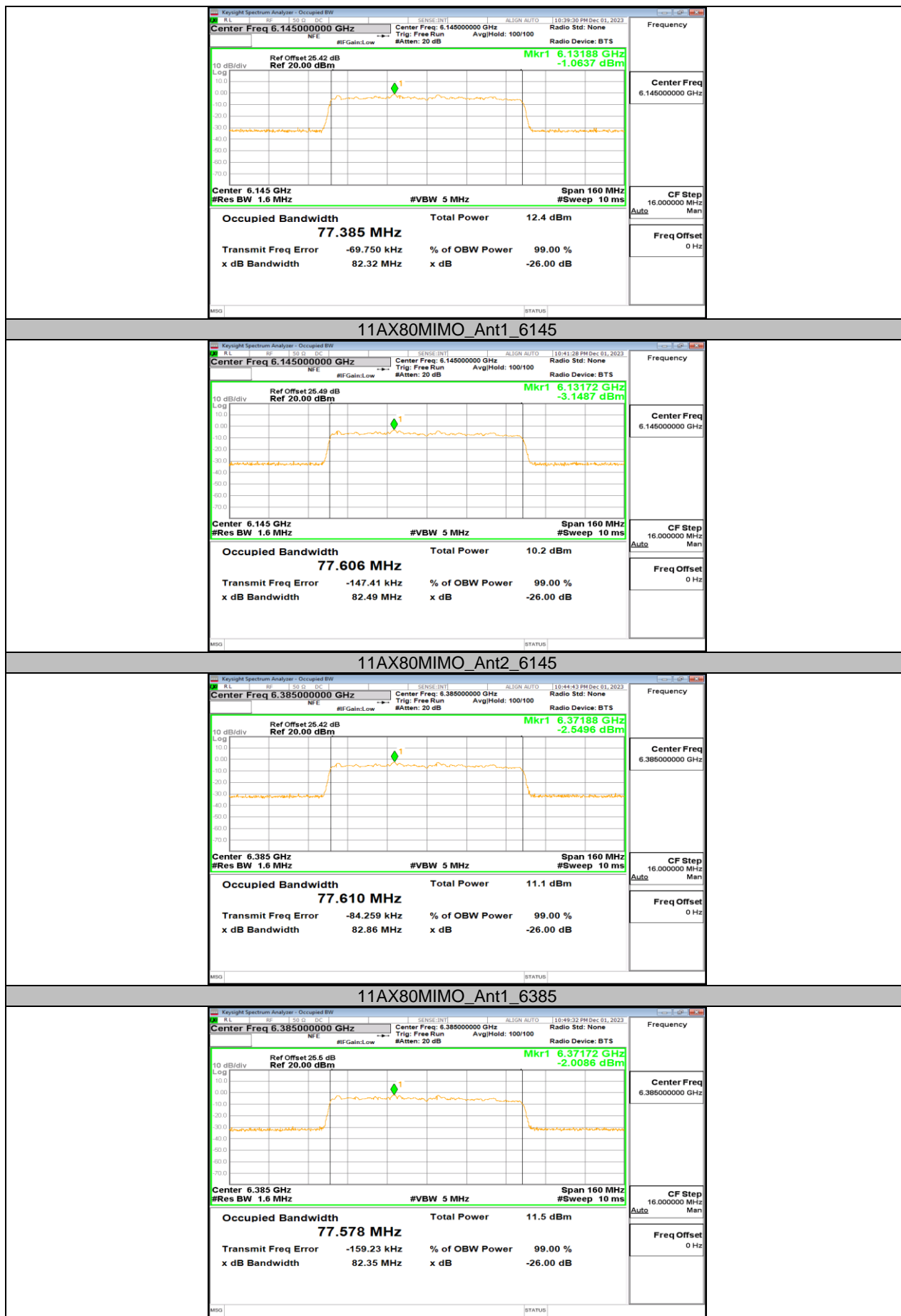


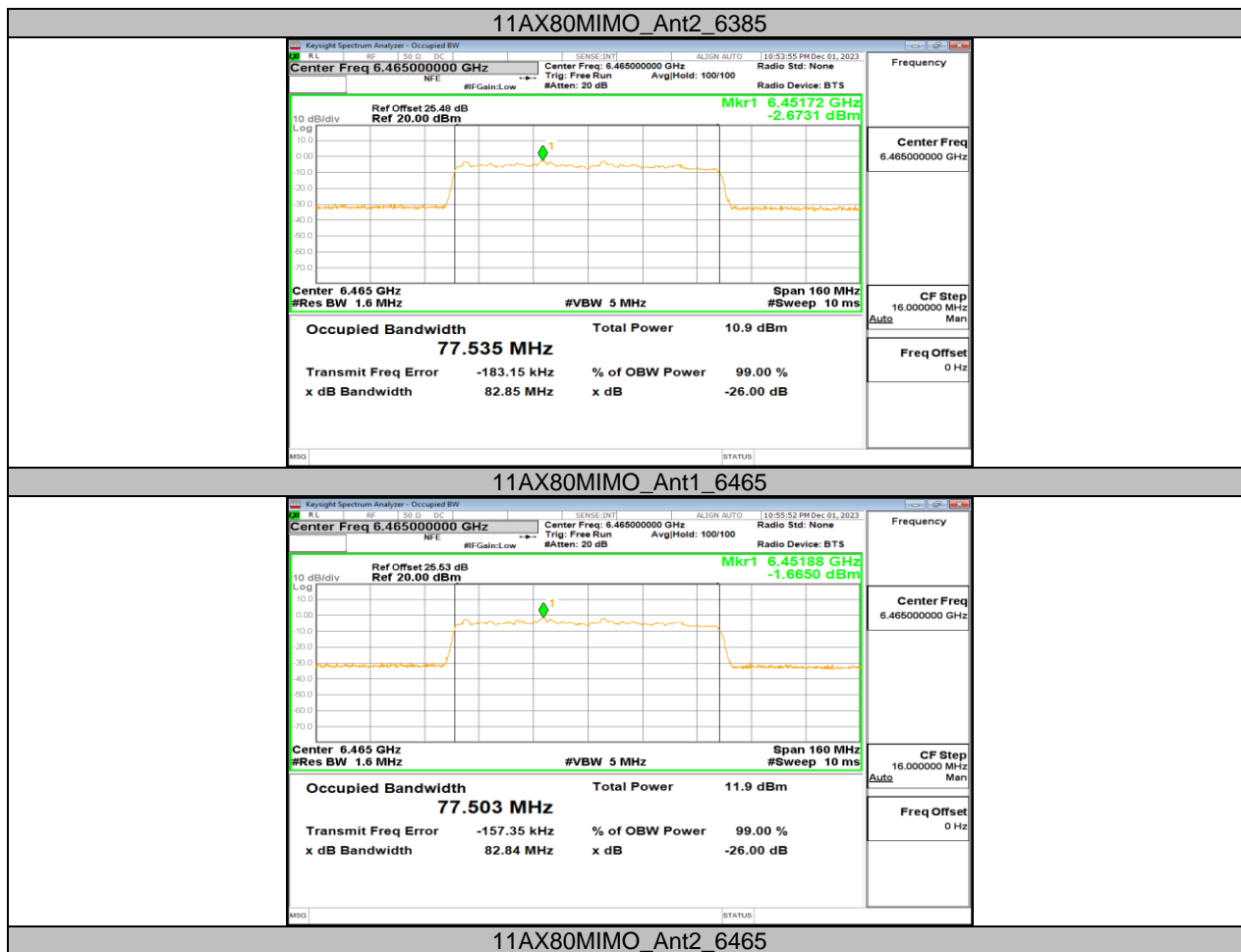












11.3. APPENDIX B: DUTY CYCLE

11.3.1. Test Result

Test Mode	On Time (msec)	Period (msec)	Duty Cycle x (Linear)	Duty Cycle (%)	Duty Cycle Correction Factor (dB)	1/T Minimum VBW (kHz)	Final setting For VBW (kHz)
11AX20MIMO	0.23	0.38	0.6053	60.53	2.18	4.35	5
11AX40MIMO	0.2	0.35	0.5714	57.14	2.43	5.00	6
11AX80MIMO	0.15	0.3	0.5000	50.00	3.01	6.67	7

Note:

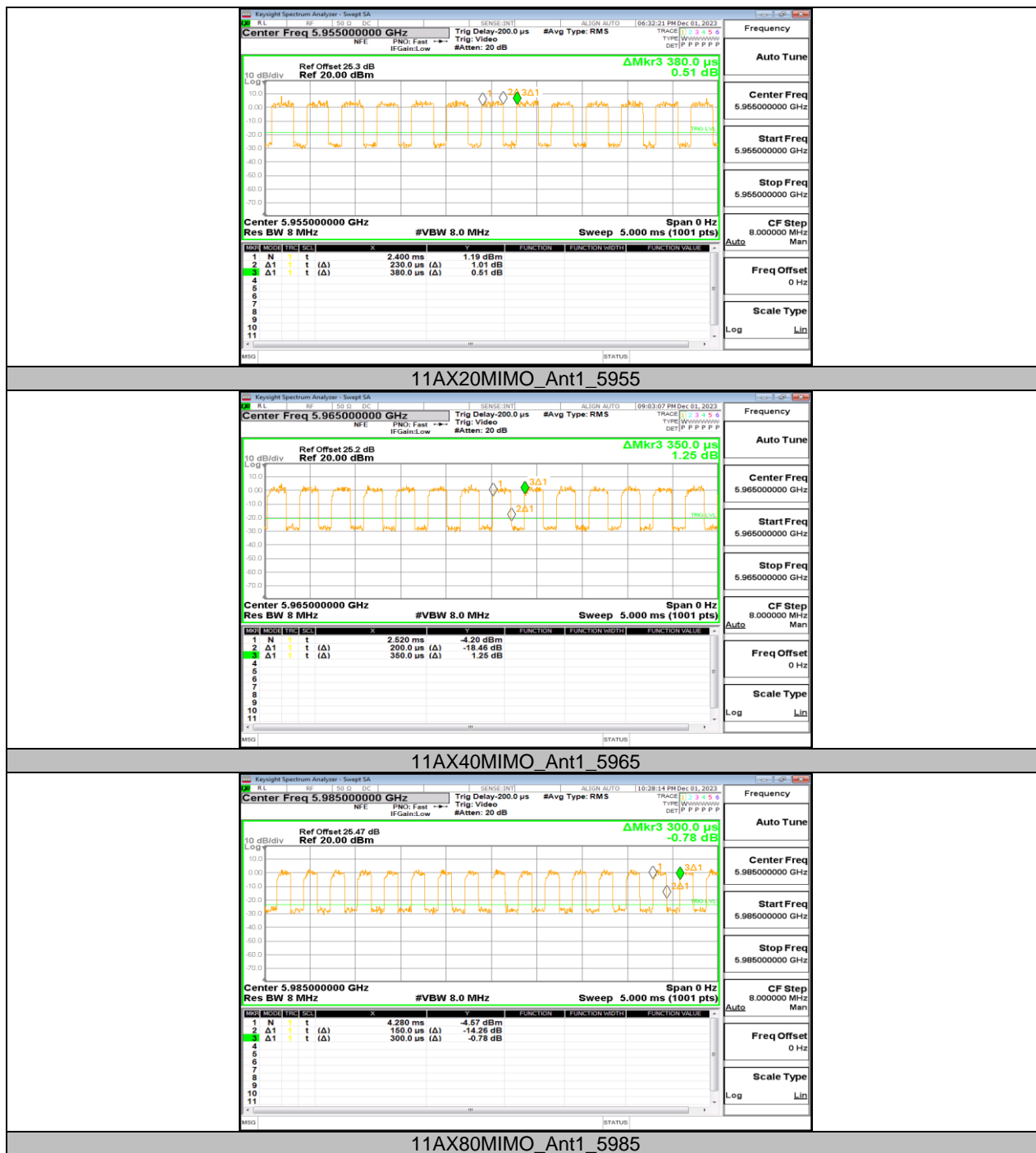
Duty Cycle Correction Factor= $10\log(1/x)$.

Where: x is Duty Cycle (Linear)

Where: T is On Time

If that calculated VBW is not available on the analyzer then the next higher value should be used.

11.3.2. Test Graphs



11.4. APPENDIX C: MAXIMUM AVERAGE CONDUCTED OUTPUT POWER

11.4.1. Test Result

Test Mode	Antenna	Frequency[MHz]	Result [dBm]	Limit [dBm]	EIRP [dBm]	EIRP Limit [dBm]	Verdict
11AX20MIMO	Ant1	5955	-1.93	≤18.16	3.91	≤24.00	PASS
	Ant2	5955	-4.56	≤18.16	1.28	≤24.00	PASS
	total	5955	-0.04	≤18.16	5.80	≤24.00	PASS
	Ant1	6175	-2.06	≤18.16	3.78	≤24.00	PASS
	Ant2	6175	-4.19	≤18.16	1.65	≤24.00	PASS
	total	6175	0.01	≤18.16	5.85	≤24.00	PASS
	Ant1	6415	-2.29	≤18.16	3.55	≤24.00	PASS
	Ant2	6415	-4.09	≤18.16	1.75	≤24.00	PASS
	total	6415	-0.09	≤18.16	5.75	≤24.00	PASS
	Ant1	6435	-3.86	≤18.16	1.98	≤24.00	PASS
	Ant2	6435	-0.56	≤18.16	5.28	≤24.00	PASS
	total	6435	1.11	≤18.16	6.95	≤24.00	PASS
	Ant1	6475	-4.61	≤18.16	1.23	≤24.00	PASS
	Ant2	6475	-0.62	≤18.16	5.22	≤24.00	PASS
	total	6475	0.84	≤18.16	6.68	≤24.00	PASS
	Ant1	6515	-4.78	≤18.16	1.06	≤24.00	PASS
	Ant2	6515	-0.92	≤18.16	4.92	≤24.00	PASS
	total	6515	0.58	≤18.16	6.42	≤24.00	PASS
11AX40MIMO	Ant1	5965	0.50	≤18.16	6.34	≤24.00	PASS
	Ant2	5965	-1.13	≤18.16	4.71	≤24.00	PASS
	total	5965	2.77	≤18.16	8.61	≤24.00	PASS
	Ant1	6165	0.59	≤18.16	6.43	≤24.00	PASS
	Ant2	6165	-0.88	≤18.16	4.96	≤24.00	PASS
	total	6165	2.93	≤18.16	8.77	≤24.00	PASS
	Ant1	6405	0.64	≤18.16	6.48	≤24.00	PASS
	Ant2	6405	-1.36	≤18.16	4.48	≤24.00	PASS
	total	6405	2.76	≤18.16	8.60	≤24.00	PASS
	Ant1	6445	-1.31	≤18.16	4.53	≤24.00	PASS
	Ant2	6445	0.94	≤18.16	6.78	≤24.00	PASS
	total	6445	2.97	≤18.16	8.81	≤24.00	PASS
	Ant1	6485	-1.46	≤18.16	4.38	≤24.00	PASS
	Ant2	6485	0.70	≤18.16	6.54	≤24.00	PASS
	total	6485	2.76	≤18.16	8.60	≤24.00	PASS
11AX80MIMO	Ant1	5985	3.97	≤18.16	9.81	≤24.00	PASS
	Ant2	5985	2.12	≤18.16	7.96	≤24.00	PASS
	total	5985	6.15	≤18.16	11.99	≤24.00	PASS
	Ant1	6145	3.82	≤18.16	9.66	≤24.00	PASS
	Ant2	6145	1.88	≤18.16	7.72	≤24.00	PASS
	total	6145	5.97	≤18.16	11.81	≤24.00	PASS
	Ant1	6385	3.77	≤18.16	9.61	≤24.00	PASS
	Ant2	6385	2.15	≤18.16	7.99	≤24.00	PASS
	total	6385	6.05	≤18.16	11.89	≤24.00	PASS
	Ant1	6465	1.96	≤18.16	7.80	≤24.00	PASS
	Ant2	6465	3.25	≤18.16	9.09	≤24.00	PASS
	total	6465	5.66	≤18.16	11.50	≤24.00	PASS

Note: The Duty Cycle Factor was compensated in the power meter.

11.5. APPENDIX D: MAXIMUM POWER SPECTRAL DENSITY

11.5.1. Test Result

Test Mode	Antenna	Frequency[MHz]	Result [dBm/MHz]	EIRP [dBm/MHz]	Limit [dBm/MHz]	Verdict
11AX20MIMO	Ant1	5955	-13.49	-7.65	≤ -1.00	PASS
	Ant2	5955	-16.26	-10.42	≤ -1.00	PASS
	total	5955	-11.65	-2.80	≤ -1.00	PASS
	Ant1	6175	-13.50	-7.66	≤ -1.00	PASS
	Ant2	6175	-15.99	-10.15	≤ -1.00	PASS
	total	6175	-11.56	-2.71	≤ -1.00	PASS
	Ant1	6415	-13.91	-8.07	≤ -1.00	PASS
	Ant2	6415	-15.71	-9.87	≤ -1.00	PASS
	total	6415	-11.71	-2.86	≤ -1.00	PASS
	Ant1	6435	-15.61	-9.77	≤ -1.00	PASS
	Ant2	6435	-12.41	-6.57	≤ -1.00	PASS
	total	6435	-10.71	-1.86	≤ -1.00	PASS
	Ant1	6475	-16.37	-10.53	≤ -1.00	PASS
	Ant2	6475	-12.51	-6.67	≤ -1.00	PASS
	total	6475	-11.01	-2.16	≤ -1.00	PASS
	Ant1	6515	-16.31	-10.47	≤ -1.00	PASS
	Ant2	6515	-12.70	-6.86	≤ -1.00	PASS
	total	6515	-11.13	-2.28	≤ -1.00	PASS
11AX40MIMO	Ant1	5965	-13.75	-7.91	≤ -1.00	PASS
	Ant2	5965	-15.96	-10.12	≤ -1.00	PASS
	total	5965	-11.71	-2.86	≤ -1.00	PASS
	Ant1	6165	-14.20	-8.36	≤ -1.00	PASS
	Ant2	6165	-15.65	-9.81	≤ -1.00	PASS
	total	6165	-11.85	-3.00	≤ -1.00	PASS
	Ant1	6405	-13.25	-7.41	≤ -1.00	PASS
	Ant2	6405	-15.34	-9.50	≤ -1.00	PASS
	total	6405	-11.16	-2.31	≤ -1.00	PASS
	Ant1	6445	-15.89	-10.05	≤ -1.00	PASS
	Ant2	6445	-13.43	-7.59	≤ -1.00	PASS
	total	6445	-11.48	-2.63	≤ -1.00	PASS
	Ant1	6485	-15.89	-10.05	≤ -1.00	PASS
	Ant2	6485	-13.71	-7.87	≤ -1.00	PASS
	total	6485	-11.65	-2.80	≤ -1.00	PASS
11AX80MIMO	Ant1	5985	-12.64	-6.80	≤ -1.00	PASS
	Ant2	5985	-14.77	-8.93	≤ -1.00	PASS
	total	5985	-10.57	-1.72	≤ -1.00	PASS
	Ant1	6145	-13.22	-7.38	≤ -1.00	PASS
	Ant2	6145	-15.25	-9.41	≤ -1.00	PASS
	total	6145	-11.11	-2.26	≤ -1.00	PASS
	Ant1	6385	-13.42	-7.58	≤ -1.00	PASS
	Ant2	6385	-14.85	-9.01	≤ -1.00	PASS
	total	6385	-11.07	-2.22	≤ -1.00	PASS
	Ant1	6465	-14.48	-8.64	≤ -1.00	PASS
	Ant2	6465	-13.44	-7.60	≤ -1.00	PASS
	total	6465	-10.92	-2.07	≤ -1.00	PASS

Note: The Duty Cycle Factor was compensated in the final test result as an offset.

11.5.2. Test Graphs

