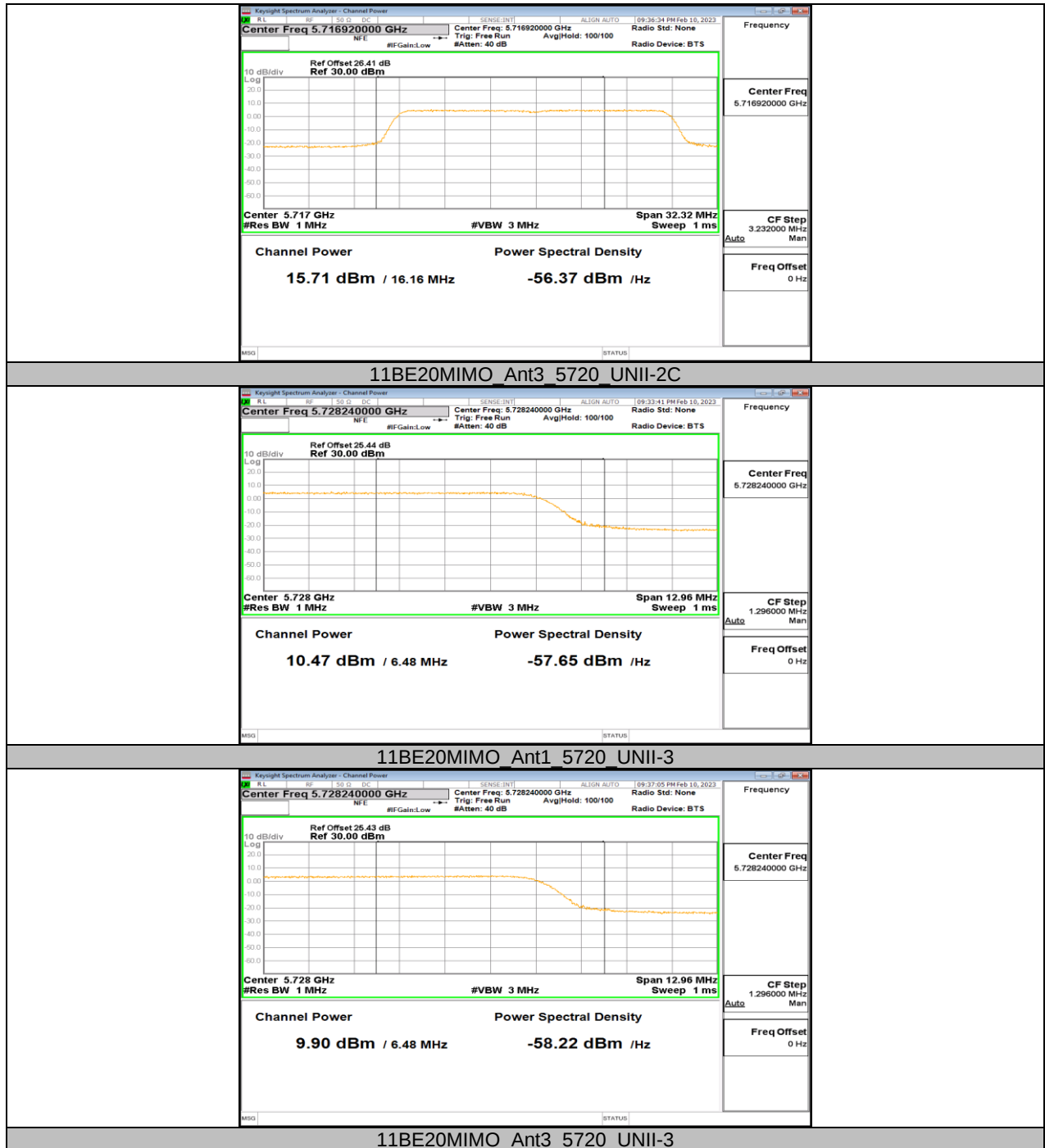
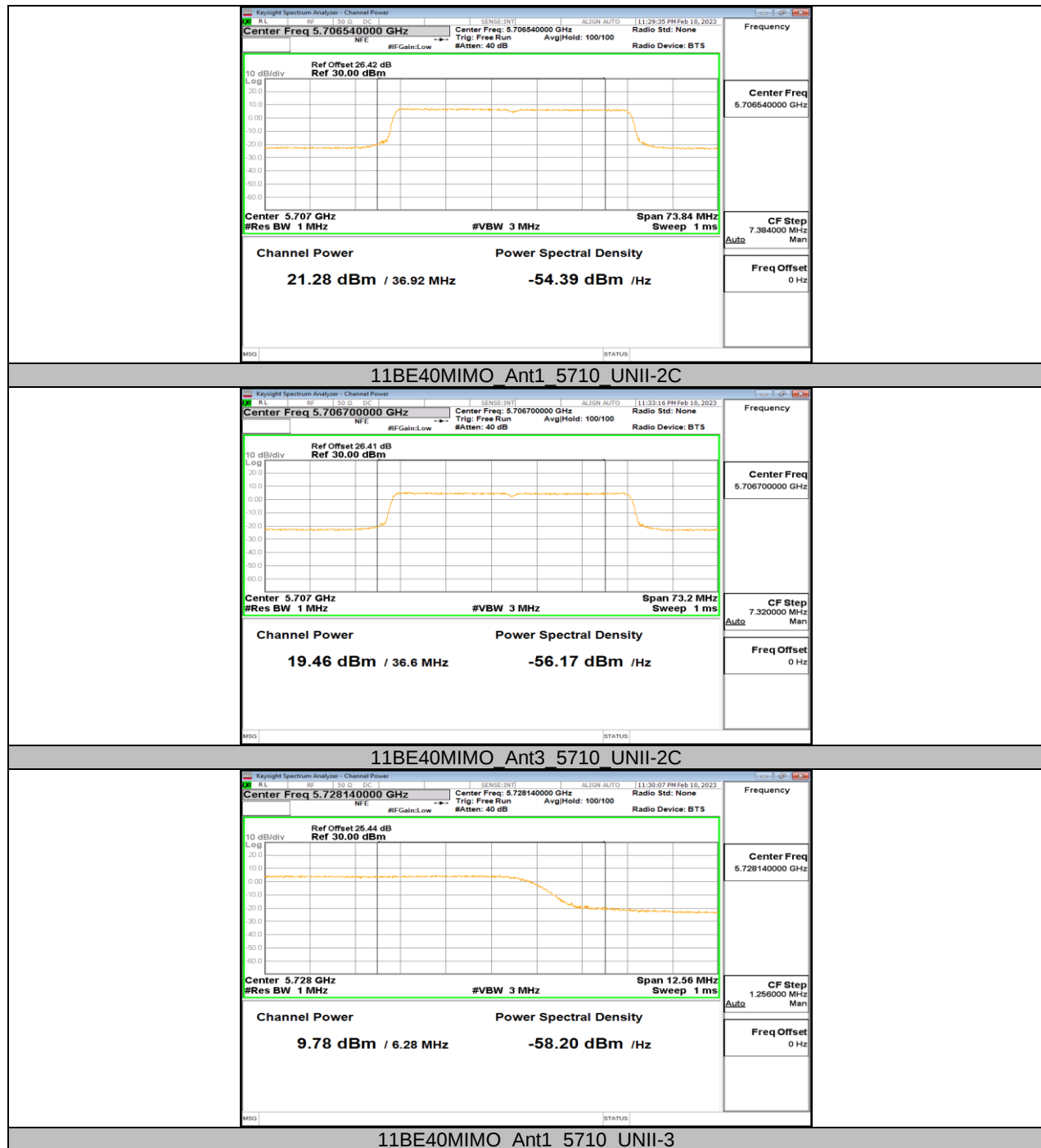
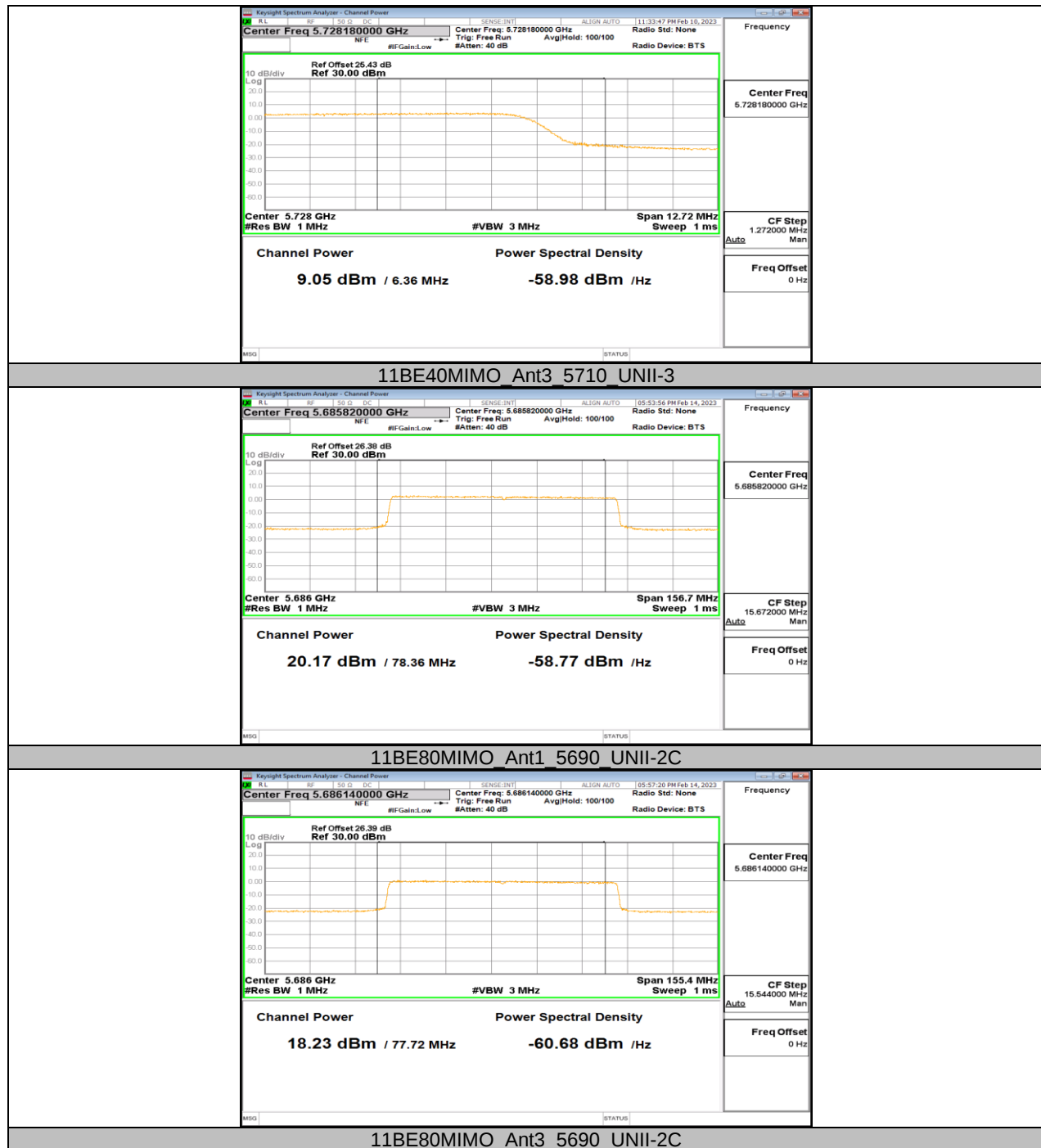
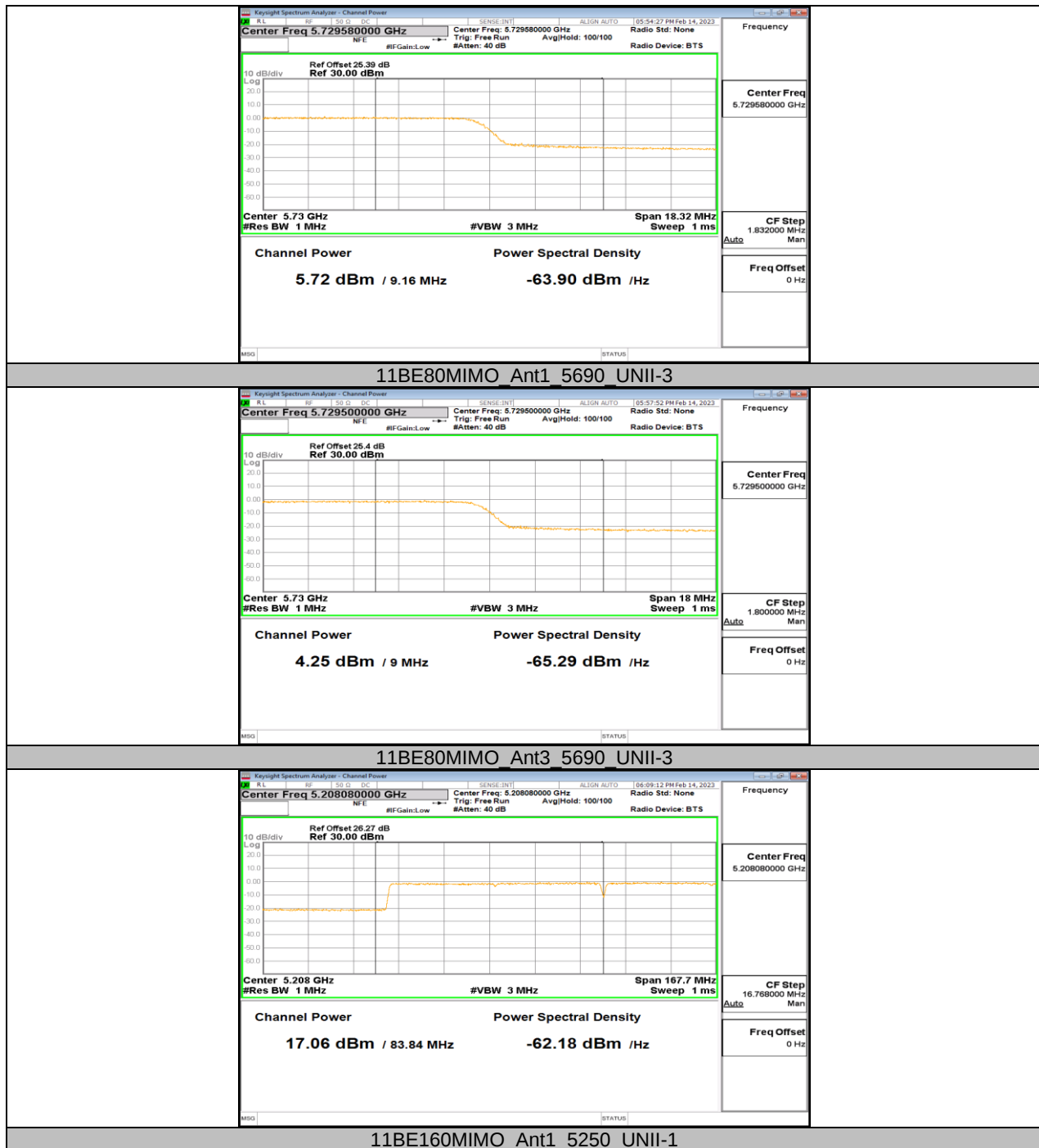
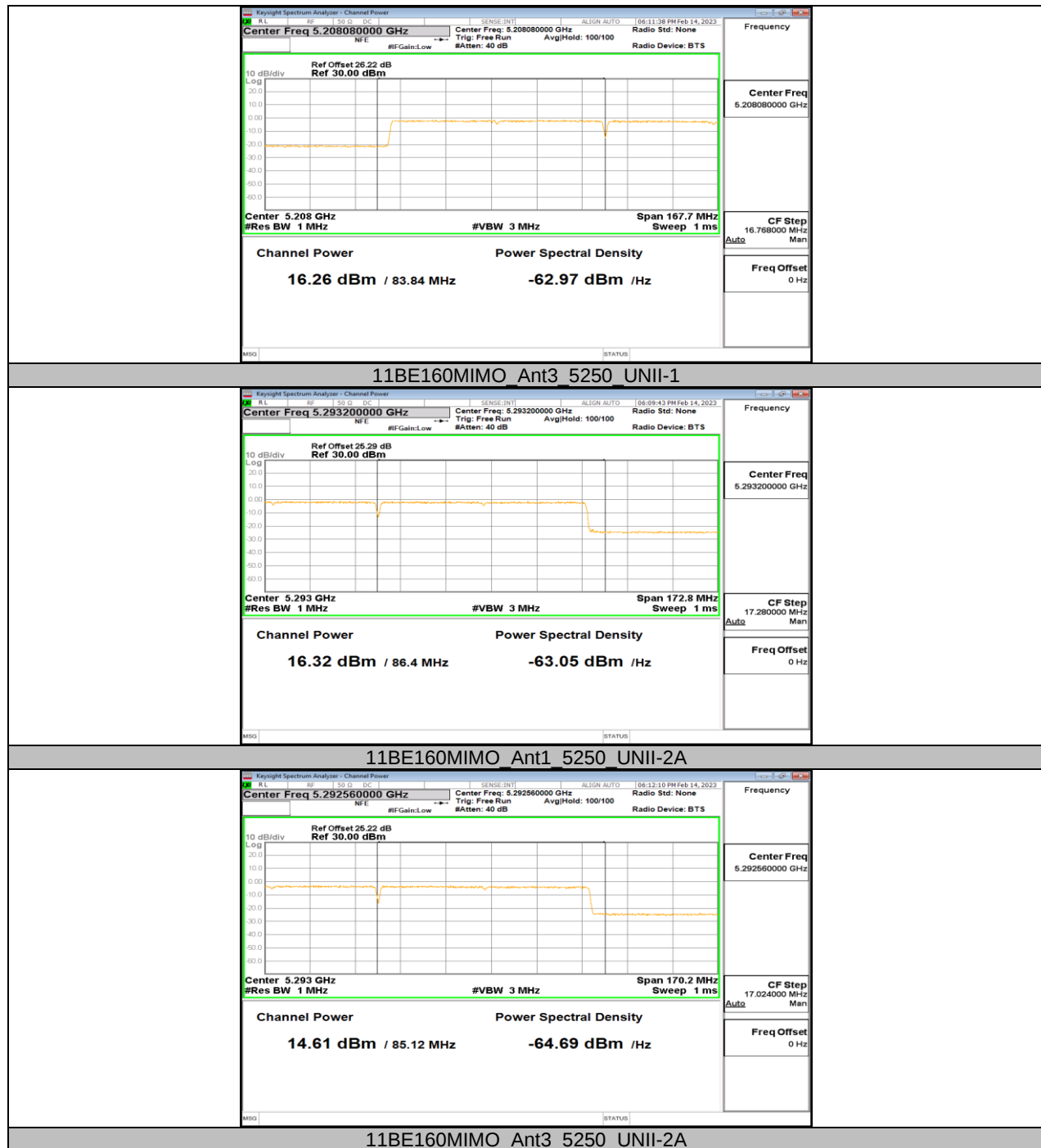


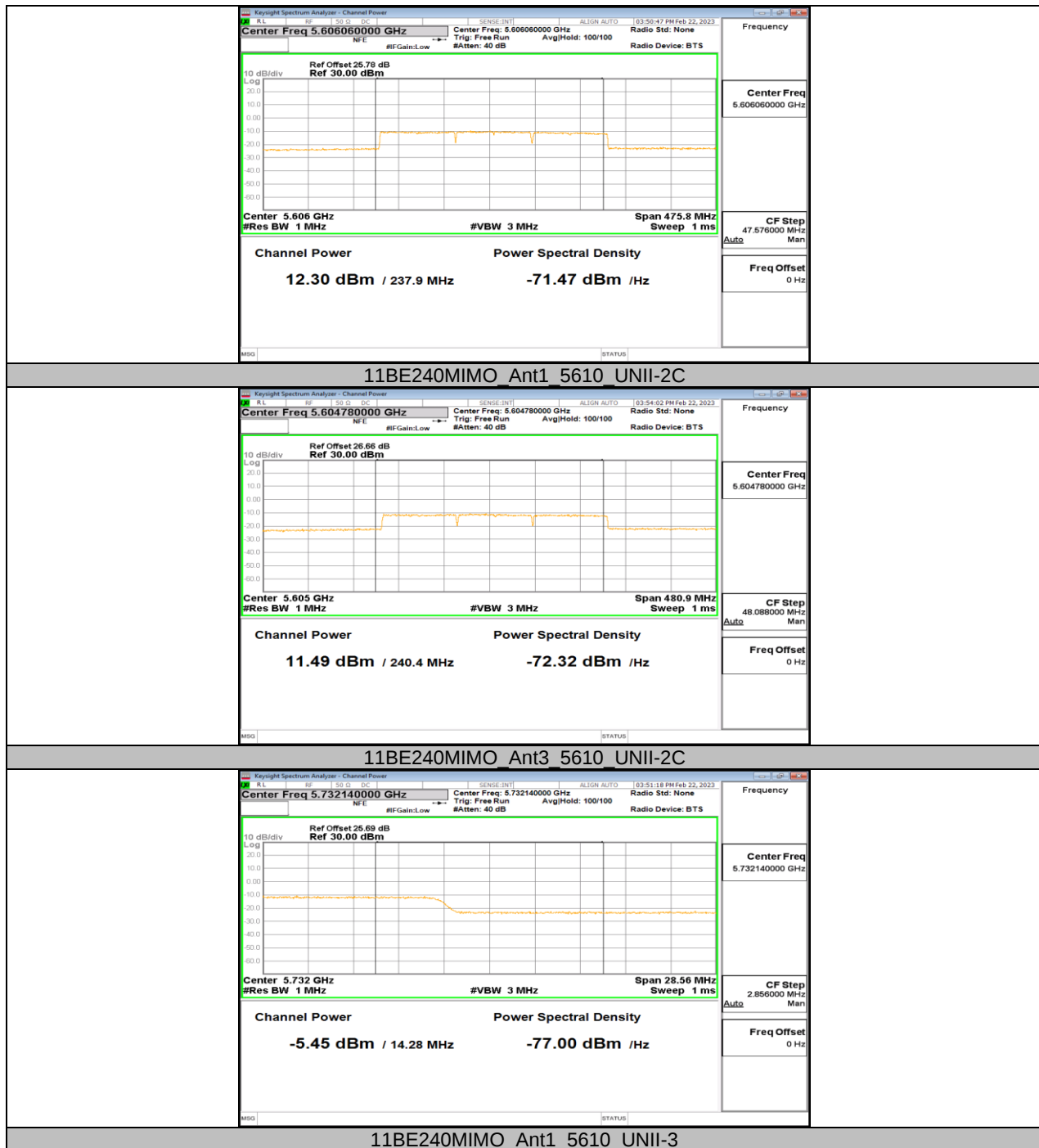


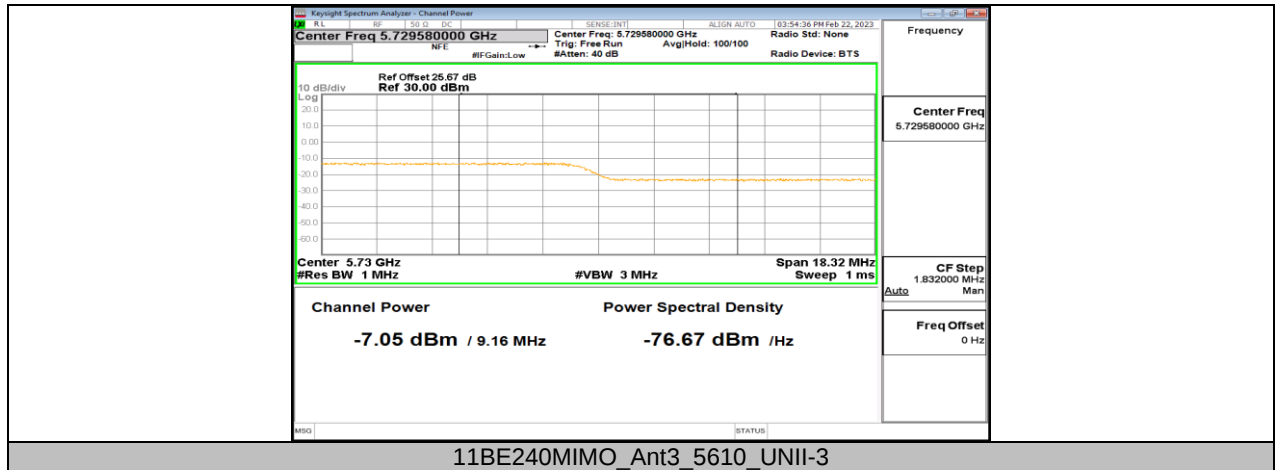














11.5. APPENDIX E: MAXIMUM POWER SPECTRAL DENSITY

11.5.1. Test Result

For FCC UNII-1&UNII-2A&UNII-2C&UNII-3; ISED UNII-2A&UNII-2C&UNII-3 test data table:

Test Mode	Antenna	Channel	Power [dBm/MHz]	Limit [dBm/MHz]	Verdict
11A-CDD	Ant1	5180	11.74	≤17.00	PASS
	Ant3	5180	11.54	≤17.00	PASS
	total	5180	14.65	≤17.00	PASS
	Ant1	5200	11.63	≤17.00	PASS
	Ant3	5200	11.45	≤17.00	PASS
	total	5200	14.55	≤17.00	PASS
	Ant1	5240	10.24	≤17.00	PASS
	Ant3	5240	7.95	≤17.00	PASS
	total	5240	12.25	≤17.00	PASS
	Ant1	5260	7.81	≤11.00	PASS
	Ant3	5260	7.38	≤11.00	PASS
	total	5260	10.61	≤11.00	PASS
	Ant1	5280	7.83	≤11.00	PASS
	Ant3	5280	7.25	≤11.00	PASS
	total	5280	10.56	≤11.00	PASS
	Ant1	5320	7.68	≤11.00	PASS
	Ant3	5320	7.28	≤11.00	PASS
	total	5320	10.49	≤11.00	PASS
	Ant1	5500	7.17	≤11.00	PASS
	Ant3	5500	7.36	≤11.00	PASS
	total	5500	10.28	≤11.00	PASS
	Ant1	5580	7.56	≤11.00	PASS
	Ant3	5580	7.67	≤11.00	PASS
	total	5580	10.63	≤11.00	PASS
	Ant1	5700	7.29	≤11.00	PASS
	Ant3	5700	7.29	≤11.00	PASS
	total	5700	10.30	≤11.00	PASS
	Ant1	5720 UNII-2C	7.48	≤11.00	PASS
	Ant3	5720 UNII-2C	7.44	≤11.00	PASS
	total	5720 UNII-2C	10.47	≤11.00	PASS
	Ant1	5720 UNII-3	4.42	≤30.00	PASS
	Ant3	5720 UNII-3	4.22	≤30.00	PASS
	total	5720 UNII-3	7.33	≤30.00	PASS
	Ant1	5745	8.16	≤30.00	PASS
	Ant3	5745	8.72	≤30.00	PASS
	total	5745	11.46	≤30.00	PASS
	Ant1	5785	7.9	≤30.00	PASS
	Ant3	5785	8.46	≤30.00	PASS
	total	5785	11.20	≤30.00	PASS
	Ant1	5825	8.77	≤30.00	PASS
	Ant3	5825	8.77	≤30.00	PASS
	total	5825	11.78	≤30.00	PASS
11AX20MIMO	Ant1	5180	10.87	≤17.00	PASS
	Ant3	5180	8.72	≤17.00	PASS
	total	5180	12.94	≤17.00	PASS
	Ant1	5200	11.41	≤17.00	PASS
	Ant3	5200	11.15	≤17.00	PASS
	total	5200	14.29	≤17.00	PASS
	Ant1	5240	9.76	≤17.00	PASS
	Ant3	5240	7.43	≤17.00	PASS
	total	5240	11.76	≤17.00	PASS
	Ant1	5260	7.52	≤11.00	PASS
	Ant3	5260	7.25	≤11.00	PASS
	total	5260	10.40	≤11.00	PASS
	Ant1	5280	7.82	≤11.00	PASS
	Ant3	5280	7.35	≤11.00	PASS



	total	5280	10.60	≤11.00	PASS
	Ant1	5320	7.1	≤11.00	PASS
	Ant3	5320	7.5	≤11.00	PASS
	total	5320	10.31	≤11.00	PASS
	Ant1	5500	7.13	≤11.00	PASS
	Ant3	5500	7.16	≤11.00	PASS
	total	5500	10.16	≤11.00	PASS
	Ant1	5580	7.64	≤11.00	PASS
	Ant3	5580	7.68	≤11.00	PASS
	total	5580	10.67	≤11.00	PASS
	Ant1	5700	7.32	≤11.00	PASS
	Ant3	5700	7.14	≤11.00	PASS
	total	5700	10.24	≤11.00	PASS
	Ant1	5720 UNII-2C	8.13	≤11.00	PASS
	Ant3	5720 UNII-2C	7.61	≤11.00	PASS
	total	5720 UNII-2C	10.89	≤11.00	PASS
	Ant1	5720 UNII-3	4.13	≤30.00	PASS
	Ant3	5720 UNII-3	4.46	≤30.00	PASS
	total	5720 UNII-3	7.31	≤30.00	PASS
	Ant1	5745	8.43	≤30.00	PASS
	Ant3	5745	8.26	≤30.00	PASS
	total	5745	11.36	≤30.00	PASS
	Ant1	5785	8	≤30.00	PASS
	Ant3	5785	7.78	≤30.00	PASS
	total	5785	10.90	≤30.00	PASS
	Ant1	5825	8.33	≤30.00	PASS
	Ant3	5825	8.3	≤30.00	PASS
	total	5825	11.33	≤30.00	PASS
11AX40MIMO	Ant1	5190	6.41	≤17.00	PASS
	Ant3	5190	4.17	≤17.00	PASS
	total	5190	8.44	≤17.00	PASS
	Ant1	5230	6.02	≤17.00	PASS
	Ant3	5230	3.69	≤17.00	PASS
	total	5230	8.02	≤17.00	PASS
	Ant1	5270	5.7	≤11.00	PASS
	Ant3	5270	5.66	≤11.00	PASS
	total	5270	8.69	≤11.00	PASS
	Ant1	5310	4.55	≤11.00	PASS
	Ant3	5310	2.28	≤11.00	PASS
	total	5310	6.57	≤11.00	PASS
	Ant1	5510	6.06	≤11.00	PASS
	Ant3	5510	6.4	≤11.00	PASS
	total	5510	9.24	≤11.00	PASS
	Ant1	5550	6.26	≤11.00	PASS
	Ant3	5550	6.49	≤11.00	PASS
	total	5550	9.39	≤11.00	PASS
	Ant1	5670	5.24	≤11.00	PASS
	Ant3	5670	5.54	≤11.00	PASS
	total	5670	8.40	≤11.00	PASS
	Ant1	5710 UNII-2C	6.35	≤11.00	PASS
	Ant3	5710 UNII-2C	5.95	≤11.00	PASS
	total	5710 UNII-2C	9.16	≤11.00	PASS
	Ant1	5710 UNII-3	2.36	≤30.00	PASS
	Ant3	5710 UNII-3	2.66	≤30.00	PASS
	total	5710 UNII-3	5.52	≤30.00	PASS
	Ant1	5755	5.46	≤30.00	PASS
	Ant3	5755	6.2	≤30.00	PASS
	total	5755	8.86	≤30.00	PASS
	Ant1	5795	4.24	≤30.00	PASS
	Ant3	5795	4.26	≤30.00	PASS
	total	5795	7.26	≤30.00	PASS
11AX80MIMO	Ant1	5210	3.49	≤17.00	PASS
	Ant3	5210	1.49	≤17.00	PASS



	total	5210	5.61	≤17.00	PASS
	Ant1	5290	2.8	≤11.00	PASS
	Ant3	5290	1.66	≤11.00	PASS
	total	5290	5.28	≤11.00	PASS
	Ant1	5530	2.52	≤11.00	PASS
	Ant3	5530	0.78	≤11.00	PASS
	total	5530	4.75	≤11.00	PASS
	Ant1	5610	3.15	≤11.00	PASS
	Ant3	5610	2.12	≤11.00	PASS
	total	5610	5.68	≤11.00	PASS
	Ant1	5690 UNII-2C	2.89	≤11.00	PASS
	Ant3	5690 UNII-2C	1.62	≤11.00	PASS
	total	5690 UNII-2C	5.31	≤11.00	PASS
	Ant1	5690 UNII-3	-1.21	≤30.00	PASS
	Ant3	5690 UNII-3	-2.03	≤30.00	PASS
	total	5690 UNII-3	1.41	≤30.00	PASS
	Ant1	5775	0.62	≤30.00	PASS
	Ant3	5775	0.04	≤30.00	PASS
	total	5775	3.35	≤30.00	PASS
11AX160MIMO	Ant1	5250 UNII-1	0.47	≤11.00	PASS
	Ant3	5250 UNII-1	-0.69	≤11.00	PASS
	total	5250 UNII-1	2.94	≤11.00	PASS
	Ant1	5250 UNII-2A	1.31	≤11.00	PASS
	Ant3	5250 UNII-2A	-0.39	≤11.00	PASS
	total	5250 UNII-2A	3.55	≤11.00	PASS
	Ant1	5570	0.31	≤11.00	PASS
	Ant3	5570	-1.88	≤11.00	PASS
11BE20MIMO	total	5570	2.36	≤11.00	PASS
	Ant1	5180	12.76	≤17.00	PASS
	Ant3	5180	11.68	≤17.00	PASS
	total	5180	15.26	≤17.00	PASS
	Ant1	5200	12.85	≤17.00	PASS
	Ant3	5200	11.69	≤17.00	PASS
	total	5200	15.32	≤17.00	PASS
	Ant1	5240	10.77	≤17.00	PASS
	Ant3	5240	9.23	≤17.00	PASS
	total	5240	13.08	≤17.00	PASS
	Ant1	5260	7.88	≤11.00	PASS
	Ant3	5260	6.11	≤11.00	PASS
	total	5260	10.09	≤11.00	PASS
	Ant1	5280	7.9	≤11.00	PASS
	Ant3	5280	6.26	≤11.00	PASS
	total	5280	10.17	≤11.00	PASS
	Ant1	5320	8.41	≤11.00	PASS
	Ant3	5320	7.29	≤11.00	PASS
	total	5320	10.90	≤11.00	PASS
	Ant1	5500	7.31	≤11.00	PASS
	Ant3	5500	6.26	≤11.00	PASS
	total	5500	9.83	≤11.00	PASS
	Ant1	5580	7.79	≤11.00	PASS
	Ant3	5580	6.23	≤11.00	PASS
	total	5580	10.09	≤11.00	PASS
	Ant1	5700	7.06	≤11.00	PASS
	Ant3	5700	6.23	≤11.00	PASS
	total	5700	9.68	≤11.00	PASS
	Ant1	5720 UNII-2C	7.51	≤11.00	PASS
	Ant3	5720 UNII-2C	5.17	≤11.00	PASS
	total	5720 UNII-2C	9.51	≤11.00	PASS
	Ant1	5720 UNII-3	4.06	≤30.00	PASS
	Ant3	5720 UNII-3	0.88	≤30.00	PASS
	total	5720 UNII-3	5.77	≤30.00	PASS
	Ant1	5745	9.97	≤30.00	PASS
	Ant3	5745	7.58	≤30.00	PASS



	total	5745	11.95	≤30.00	PASS
	Ant1	5785	10.26	≤30.00	PASS
	Ant3	5785	8.65	≤30.00	PASS
	total	5785	12.54	≤30.00	PASS
	Ant1	5825	9.87	≤30.00	PASS
	Ant3	5825	9.33	≤30.00	PASS
11BE40MIMO	total	5825	12.62	≤30.00	PASS
	Ant1	5190	8.54	≤17.00	PASS
	Ant3	5190	6.35	≤17.00	PASS
	total	5190	10.59	≤17.00	PASS
	Ant1	5230	10.38	≤17.00	PASS
	Ant3	5230	8.97	≤17.00	PASS
	total	5230	12.74	≤17.00	PASS
	Ant1	5270	7.77	≤11.00	PASS
	Ant3	5270	6.19	≤11.00	PASS
	total	5270	10.06	≤11.00	PASS
	Ant1	5310	7.1	≤11.00	PASS
	Ant3	5310	5.56	≤11.00	PASS
	total	5310	9.41	≤11.00	PASS
	Ant1	5510	8.31	≤11.00	PASS
	Ant3	5510	6.36	≤11.00	PASS
	total	5510	10.45	≤11.00	PASS
	Ant1	5550	8.12	≤11.00	PASS
	Ant3	5550	5.83	≤11.00	PASS
	total	5550	10.13	≤11.00	PASS
	Ant1	5670	8.11	≤11.00	PASS
	Ant3	5670	6.67	≤11.00	PASS
	total	5670	10.46	≤11.00	PASS
	Ant1	5710 UNII-2C	8.1	≤11.00	PASS
	Ant3	5710 UNII-2C	6.29	≤11.00	PASS
	total	5710 UNII-2C	10.30	≤11.00	PASS
	Ant1	5710 UNII-3	5.15	≤30.00	PASS
	Ant3	5710 UNII-3	2.94	≤30.00	PASS
	total	5710 UNII-3	7.19	≤30.00	PASS
	Ant1	5755	6.94	≤30.00	PASS
	Ant3	5755	5.72	≤30.00	PASS
	total	5755	9.38	≤30.00	PASS
	Ant1	5795	7.15	≤30.00	PASS
	Ant3	5795	5.58	≤30.00	PASS
	total	5795	9.45	≤30.00	PASS
11BE80MIMO	Ant1	5210	4.5	≤17.00	PASS
	Ant3	5210	3.9	≤17.00	PASS
	total	5210	7.22	≤17.00	PASS
	Ant1	5290	3.63	≤11.00	PASS
	Ant3	5290	2.85	≤11.00	PASS
	total	5290	6.27	≤11.00	PASS
	Ant1	5530	4.2	≤11.00	PASS
	Ant3	5530	2.85	≤11.00	PASS
	total	5530	6.59	≤11.00	PASS
	Ant1	5610	5.25	≤11.00	PASS
	Ant3	5610	2.68	≤11.00	PASS
	total	5610	7.16	≤11.00	PASS
	Ant1	5690 UNII-2C	3.85	≤11.00	PASS
	Ant3	5690 UNII-2C	1.8	≤11.00	PASS
	total	5690 UNII-2C	5.96	≤11.00	PASS
	Ant1	5690 UNII-3	-0.35	≤30.00	PASS
	Ant3	5690 UNII-3	-1.85	≤30.00	PASS
	total	5690 UNII-3	1.97	≤30.00	PASS
	Ant1	5775	1.48	≤30.00	PASS
	Ant3	5775	0.13	≤30.00	PASS
	total	5775	3.87	≤30.00	PASS
11BE160MIMO	Ant1	5250 UNII-1	-0.76	≤11.00	PASS
	Ant3	5250 UNII-1	-0.86	≤11.00	PASS



	total	5250 UNII-1	2.20	≤11.00	PASS
	Ant1	5250 UNII-2A	1.1	≤11.00	PASS
	Ant3	5250 UNII-2A	-0.84	≤11.00	PASS
	total	5250 UNII-2A	3.25	≤11.00	PASS
	Ant1	5570	-0.56	≤11.00	PASS
	Ant3	5570	-2.25	≤11.00	PASS
	total	5570	1.69	≤11.00	PASS
11BE240MIMO	Ant1	5610	-0.33	≤11.00	PASS
	Ant3	5610	0.87	≤11.00	PASS
	total	5610	3.32	≤11.00	PASS
	Ant1	5610 UNII-2C	-9.55	≤11.00	PASS
	Ant3	5610 UNII-2C	-10.25	≤11.00	PASS
	total	5610 UNII-2C	-6.88	≤11.00	PASS
	Ant1	5610 UNII-3	-13.92	≤30.00	PASS
	Ant3	5610 UNII-3	-15.15	≤30.00	PASS
	total	5610 UNII-3	-11.48	≤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.

11.5.2. Test Result

For ISSED UNII-1 test data table:

Test Mode	Antenna	Channel	Power [dBm/MHz]	Limit [dBm/MHz]	EIRP [dBm/MHz]	Limit [dBm/MHz]	Verdict
11A-CDD	Ant1	5180	0.4	≤17.00	3.40	≤10.00	PASS
	Ant3	5180	0.02	≤17.00	3.02	≤10.00	PASS
	total	5180	3.22	≤17.00	9.23	≤10.00	PASS
	Ant1	5200	0.43	≤17.00	3.43	≤10.00	PASS
	Ant3	5200	-0.16	≤17.00	2.84	≤10.00	PASS
	total	5200	3.16	≤17.00	9.17	≤10.00	PASS
	Ant1	5240	0.43	≤17.00	3.43	≤10.00	PASS
	Ant3	5240	0.02	≤17.00	3.02	≤10.00	PASS
11AX20MIMO	total	5240	3.24	≤17.00	9.25	≤10.00	PASS
	Ant1	5180	0.82	≤17.00	3.82	≤10.00	PASS
	Ant3	5180	0.57	≤17.00	3.57	≤10.00	PASS
	total	5180	3.71	≤17.00	9.72	≤10.00	PASS
	Ant1	5200	0.95	≤17.00	3.95	≤10.00	PASS
	Ant3	5200	0.19	≤17.00	3.19	≤10.00	PASS
	total	5200	3.60	≤17.00	9.61	≤10.00	PASS
	Ant1	5240	0.75	≤17.00	3.75	≤10.00	PASS
11AX40MIMO	Ant3	5240	0.56	≤17.00	3.56	≤10.00	PASS
	total	5240	3.67	≤17.00	9.68	≤10.00	PASS
	Ant1	5190	0.55	≤17.00	3.55	≤10.00	PASS
	Ant3	5190	0.17	≤17.00	3.17	≤10.00	PASS
	total	5190	3.37	≤17.00	9.38	≤10.00	PASS
	Ant1	5230	0.98	≤17.00	3.98	≤10.00	PASS
11AX80MIMO	Ant3	5230	0.52	≤17.00	3.52	≤10.00	PASS
	total	5230	3.77	≤17.00	9.78	≤10.00	PASS
	Ant1	5210	-1.33	≤17.00	1.67	≤10.00	PASS
11AX160MIMO	Ant3	5210	-1.74	≤17.00	1.26	≤10.00	PASS
	total	5210	1.48	≤17.00	7.49	≤10.00	PASS
	Ant1	5250 UNII-1	0.47	≤11.00	3.47	≤10.00	PASS
11BE20MIMO	Ant3	5250 UNII-1	-0.69	≤11.00	2.31	≤10.00	PASS
	total	5250 UNII-1	2.94	≤11.00	8.95	≤10.00	PASS
	Ant1	5180	0.65	≤17.00	3.65	≤10.00	PASS
	Ant3	5180	0.92	≤17.00	3.92	≤10.00	PASS
	total	5180	3.80	≤17.00	9.81	≤10.00	PASS
	Ant1	5200	0.99	≤17.00	3.99	≤10.00	PASS



	Ant3	5200	0.47	≤17.00	3.47	≤10.00	PASS
	total	5200	3.75	≤17.00	9.76	≤10.00	PASS
	Ant1	5240	0.77	≤17.00	3.77	≤10.00	PASS
	Ant3	5240	0.68	≤17.00	3.68	≤10.00	PASS
	total	5240	3.74	≤17.00	9.75	≤10.00	PASS
11BE40MIMO	Ant1	5190	0.69	≤17.00	3.69	≤10.00	PASS
	Ant3	5190	0.94	≤17.00	3.94	≤10.00	PASS
	total	5190	3.83	≤17.00	9.84	≤10.00	PASS
	Ant1	5230	0.18	≤17.00	3.18	≤10.00	PASS
	Ant3	5230	0.17	≤17.00	3.17	≤10.00	PASS
11BE80MIMO	total	5230	3.19	≤17.00	9.20	≤10.00	PASS
	Ant1	5210	0.49	≤17.00	3.49	≤10.00	PASS
	Ant3	5210	0.28	≤17.00	3.28	≤10.00	PASS
	total	5210	3.40	≤17.00	9.41	≤10.00	PASS
	Ant1	5250 UNII-1	-0.76	≤11.00	2.24	≤10.00	PASS
11BE160MIMO	Ant3	5250 UNII-1	-0.86	≤11.00	2.14	≤10.00	PASS
	total	5250 UNII-1	2.20	≤11.00	8.21	≤10.00	PASS



11.5.3. Test Graphs

For FCC UNII-1&UNII-2A&UNII-2C&UNII-3; ISD UNII-2A&UNII-2C&UNII-3 test data graphs:

