

## 11.4. APPENDIX D: MAXIMUM CONDUCTED OUTPUT POWER

### 11.4.1. Test Result

Test Mode	Antenna	Frequency[MHz]	Power [dBm]	FCC Limit [dBm]	Verdict
11A	Ant1	5180	15.70	≤23.95	PASS
	Ant2	5180	15.47	≤23.70	PASS
	Ant1	5200	15.75	≤23.76	PASS
	Ant2	5200	15.73	≤23.73	PASS
	Ant1	5240	16.07	≤23.72	PASS
	Ant2	5240	15.50	≤23.70	PASS
	Ant1	5260	15.80	≤23.72	PASS
	Ant2	5260	15.48	≤23.73	PASS
	Ant1	5280	16.04	≤23.70	PASS
	Ant2	5280	15.67	≤23.75	PASS
	Ant1	5320	16.14	≤23.73	PASS
	Ant2	5320	15.70	≤23.68	PASS
	Ant1	5500	15.19	≤23.71	PASS
	Ant2	5500	15.78	≤23.78	PASS
	Ant1	5580	15.17	≤23.82	PASS
	Ant2	5580	15.59	≤23.70	PASS
	Ant1	5700	15.25	≤23.74	PASS
	Ant2	5700	16.10	≤23.72	PASS
	Ant1	5720 UNII-2C	14.71	≤22.54	PASS
	Ant2	5720 UNII-2C	15.05	≤22.60	PASS
	Ant1	5720 UNII-3	6.93	≤30.00	PASS
	Ant2	5720 UNII-3	7.09	≤30.00	PASS
	Ant1	5745	15.77	≤30.00	PASS
	Ant2	5745	15.97	≤30.00	PASS
	Ant1	5785	14.95	≤30.00	PASS
	Ant2	5785	15.19	≤30.00	PASS
	Ant1	5825	14.82	≤30.00	PASS
	Ant2	5825	15.18	≤30.00	PASS
11N20MIMO	Ant1	5180	14.17	≤23.92	PASS
	Ant2	5180	15.30	≤23.91	PASS
	total	5180	17.78	≤23.91	PASS
	Ant1	5200	14.24	≤23.89	PASS
	Ant2	5200	15.52	≤23.93	PASS
	total	5200	17.94	≤23.89	PASS
	Ant1	5240	14.48	≤23.92	PASS
	Ant2	5240	15.24	≤23.92	PASS
	total	5240	17.89	≤23.92	PASS
	Ant1	5260	14.26	≤23.92	PASS
	Ant2	5260	15.20	≤23.97	PASS
	total	5260	17.77	≤23.92	PASS
	Ant1	5280	14.48	≤23.95	PASS
	Ant2	5280	15.42	≤23.92	PASS
	total	5280	17.99	≤23.92	PASS
	Ant1	5320	14.47	≤23.93	PASS
	Ant2	5320	15.34	≤23.94	PASS
	total	5320	17.94	≤23.93	PASS
	Ant1	5500	14.80	≤23.89	PASS
	Ant2	5500	15.62	≤23.98	PASS
	total	5500	18.24	≤23.89	PASS
	Ant1	5580	15.73	≤23.96	PASS
	Ant2	5580	15.78	≤23.96	PASS
	total	5580	18.77	≤23.96	PASS
	Ant1	5700	14.79	≤23.94	PASS
	Ant2	5700	15.33	≤23.92	PASS
	total	5700	18.08	≤23.92	PASS

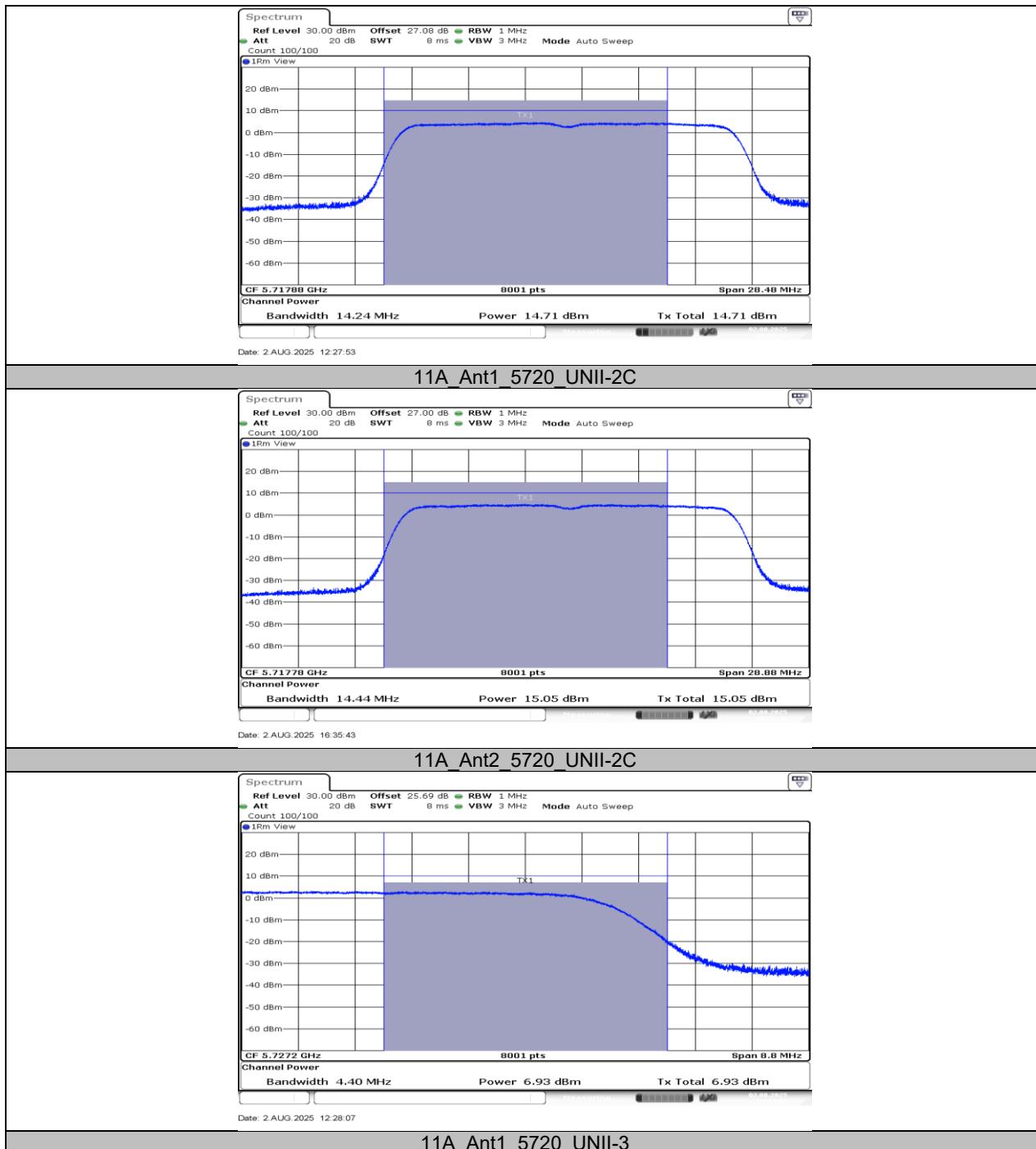
11N40MIMO	Ant1	5720_UNII-2C	14.57	≤22.71	PASS
	Ant2	5720_UNII-2C	14.71	≤22.74	PASS
	total	5720_UNII-2C	17.65	≤22.71	PASS
	Ant1	5720_UNII-3	7.26	≤30.00	PASS
	Ant2	5720_UNII-3	7.17	≤30.00	PASS
	total	5720_UNII-3	10.23	≤30.00	PASS
	Ant1	5745	15.81	≤30.00	PASS
	Ant2	5745	15.94	≤30.00	PASS
	total	5745	18.89	≤30.00	PASS
	Ant1	5785	15.00	≤30.00	PASS
	Ant2	5785	14.78	≤30.00	PASS
	total	5785	17.90	≤30.00	PASS
	Ant1	5825	14.93	≤30.00	PASS
	Ant2	5825	14.94	≤30.00	PASS
	total	5825	17.95	≤30.00	PASS
	Ant1	5190	12.87	≤30.00	PASS
	Ant2	5190	13.36	≤30.00	PASS
	total	5190	16.13	≤30.00	PASS
	Ant1	5230	13.58	≤30.00	PASS
	Ant2	5230	13.90	≤30.00	PASS
	total	5230	16.75	≤30.00	PASS
	Ant1	5270	14.88	≤23.98	PASS
	Ant2	5270	15.76	≤23.98	PASS
	total	5270	18.35	≤23.98	PASS
	Ant1	5310	15.12	≤23.98	PASS
	Ant2	5310	15.98	≤23.98	PASS
	total	5310	18.58	≤23.98	PASS
	Ant1	5510	13.52	≤23.98	PASS
	Ant2	5510	16.35	≤23.98	PASS
	total	5510	18.17	≤23.98	PASS
	Ant1	5550	15.26	≤23.98	PASS
	Ant2	5550	15.89	≤23.98	PASS
	total	5550	18.60	≤23.98	PASS
	Ant1	5670	15.34	≤23.98	PASS
	Ant2	5670	15.86	≤23.98	PASS
	total	5670	18.62	≤23.98	PASS
	Ant1	5710_UNII-2C	14.77	≤23.98	PASS
	Ant2	5710_UNII-2C	14.85	≤23.98	PASS
	total	5710_UNII-2C	17.82	≤23.98	PASS
	Ant1	5710_UNII-3	0.71	≤30.00	PASS
	Ant2	5710_UNII-3	0.40	≤30.00	PASS
	total	5710_UNII-3	3.57	≤30.00	PASS
	Ant1	5755	15.39	≤30.00	PASS
	Ant2	5755	15.33	≤30.00	PASS
	total	5755	18.37	≤30.00	PASS
	Ant1	5795	15.03	≤30.00	PASS
	Ant2	5795	14.82	≤30.00	PASS
	total	5795	17.94	≤30.00	PASS
11AC80MIMO	Ant1	5210	13.06	≤23.98	PASS
	Ant2	5210	14.13	≤23.98	PASS
	total	5210	16.64	≤23.98	PASS
	Ant1	5290	13.19	≤23.98	PASS
	Ant2	5290	14.03	≤23.98	PASS
	total	5290	16.64	≤23.98	PASS
	Ant1	5530	12.76	≤23.98	PASS
	Ant2	5530	13.51	≤23.98	PASS
	total	5530	16.16	≤23.98	PASS
	Ant1	5610	13.55	≤23.98	PASS
	Ant2	5610	12.98	≤23.98	PASS
	total	5610	16.28	≤23.98	PASS

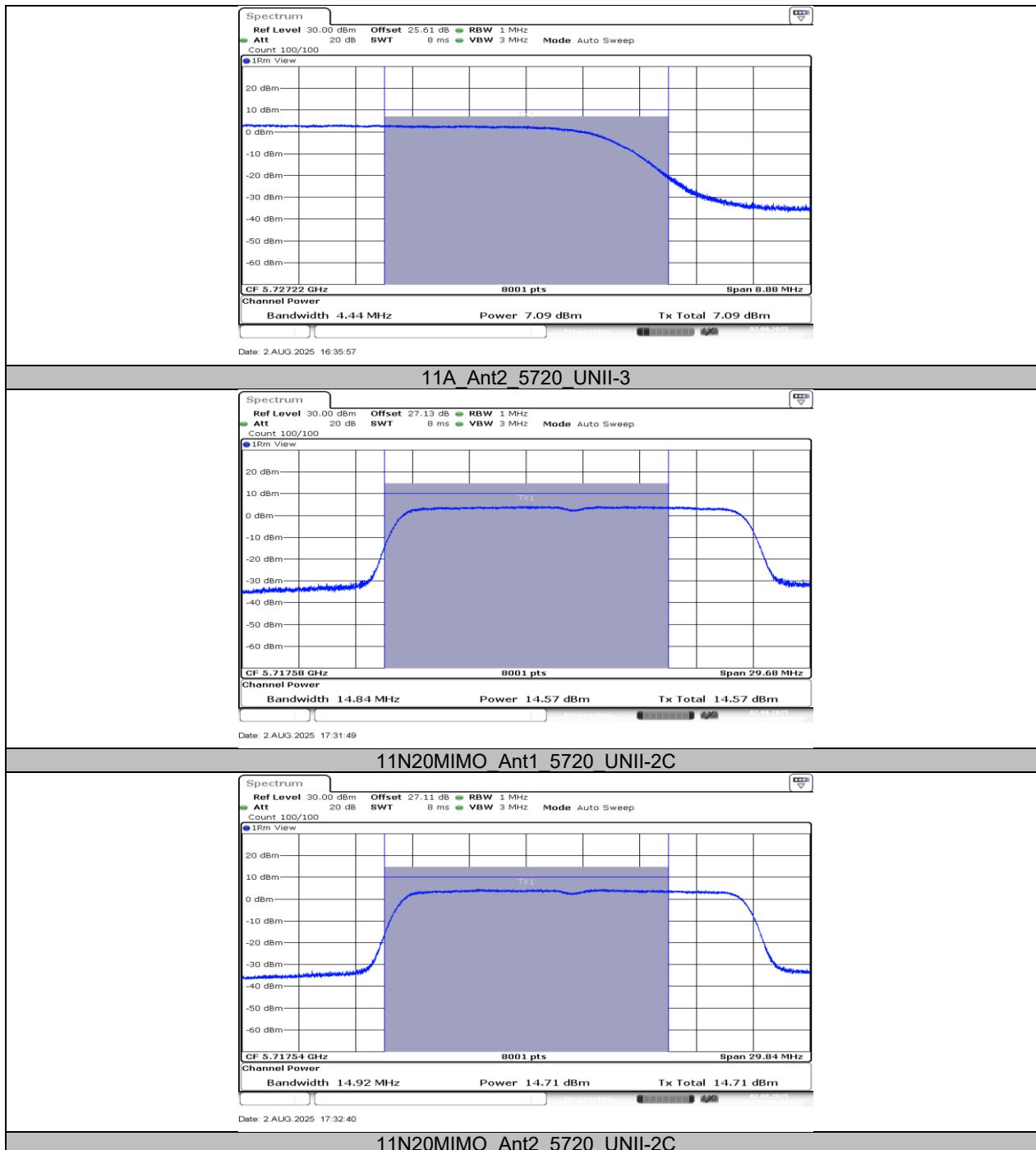
	Ant1	5690_UNII-2C	12.18	≤23.98	PASS
	Ant2	5690_UNII-2C	12.81	≤23.98	PASS
	total	5690_UNII-2C	15.52	≤23.98	PASS
	Ant1	5690_UNII-3	-8.67	≤30.00	PASS
	Ant2	5690_UNII-3	-8.78	≤30.00	PASS
	total	5690_UNII-3	-5.71	≤30.00	PASS
	Ant1	5775	12.92	≤30.00	PASS
	Ant2	5775	12.76	≤30.00	PASS
	total	5775	15.85	≤30.00	PASS

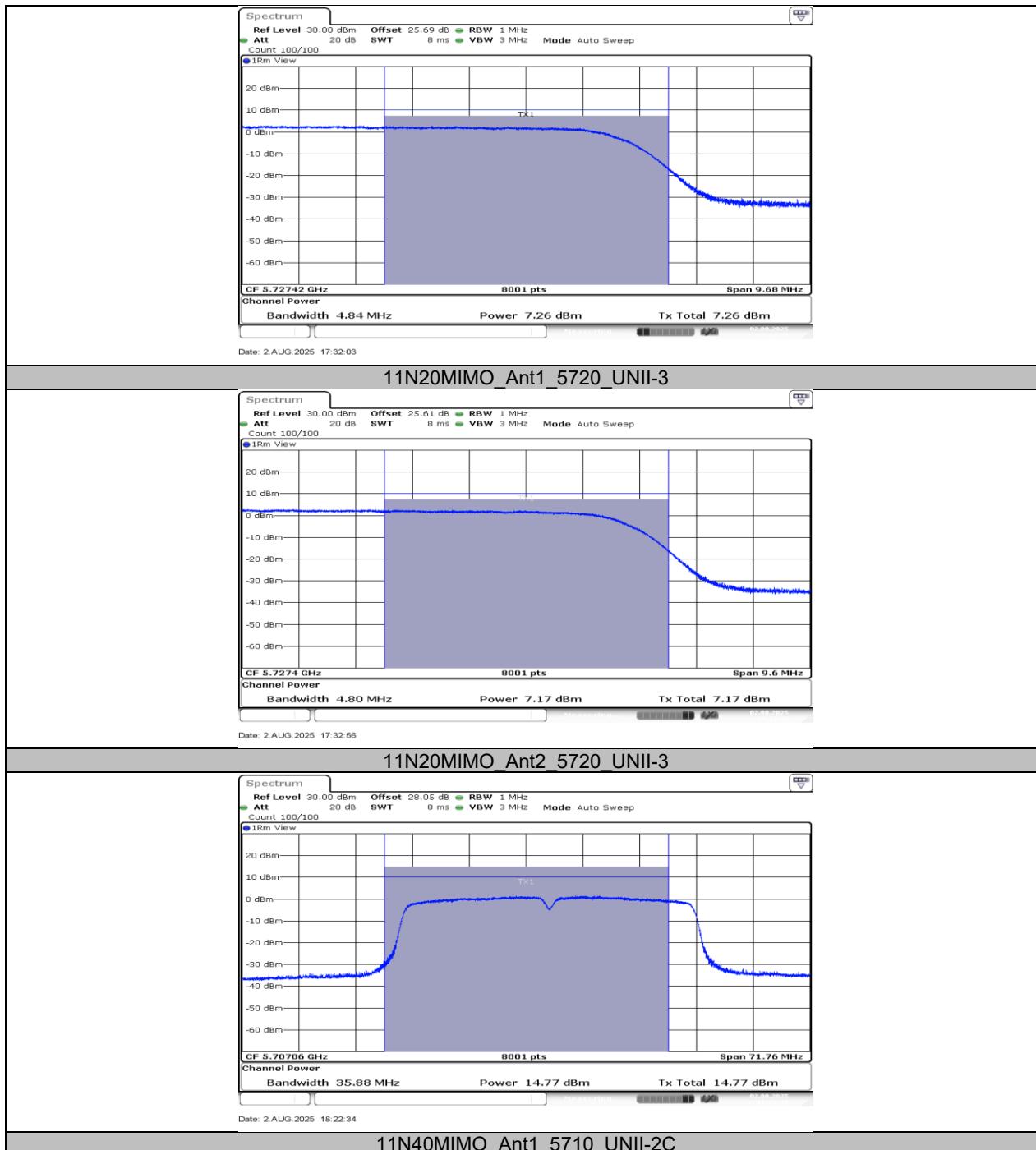
Note: 1. Conducted Power=Meas. Level+ Correction Factor

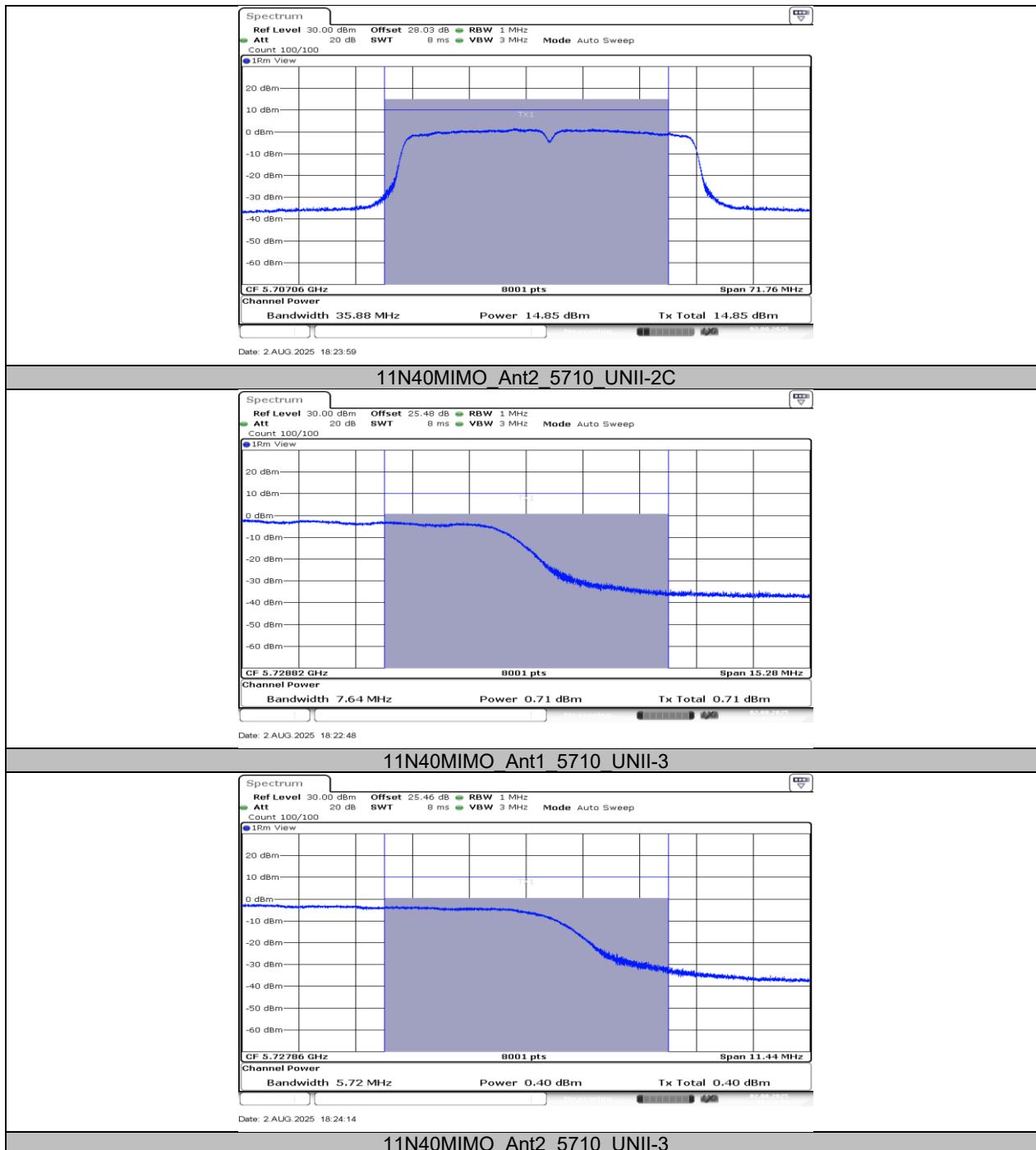
2. The Duty Cycle Factor (refer to section 7.1) had already compensated to the test data.

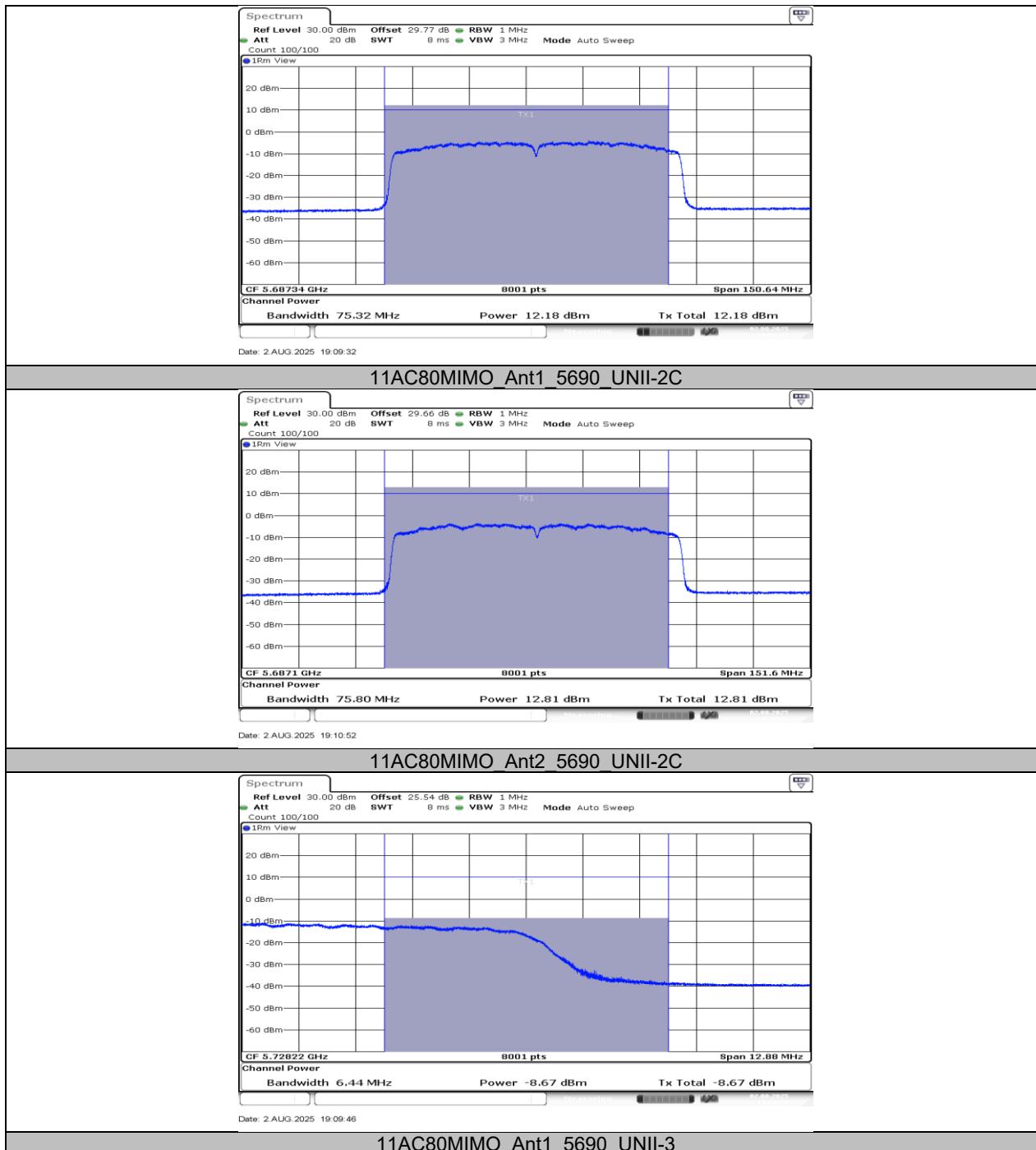
### 11.4.2. Test Graphs

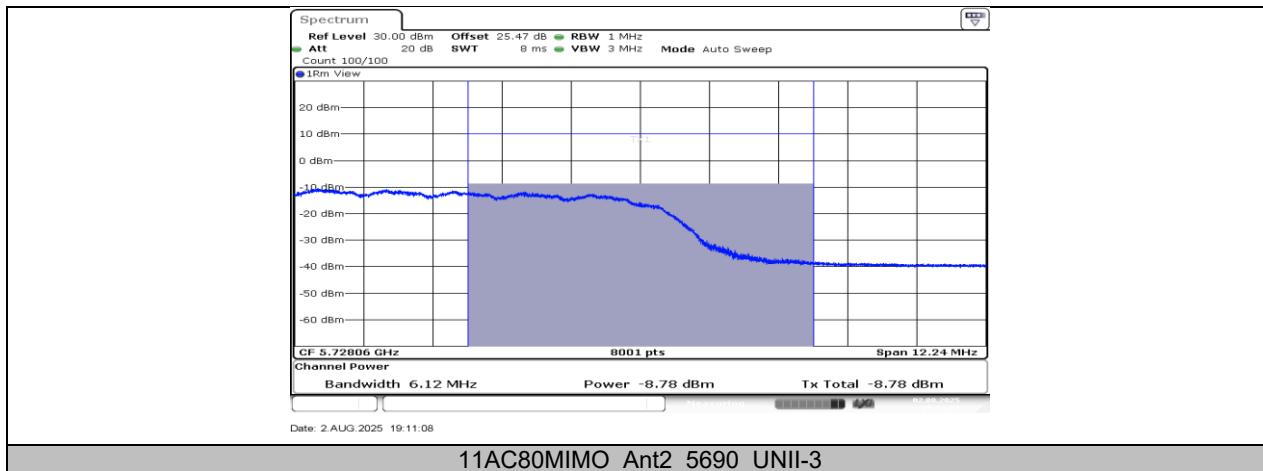












## 11.5. APPENDIX E: MAXIMUM POWER SPECTRAL DENSITY

### 11.5.1. Test Result

Test Mode	Antenna	Frequency[MHz]	Power [dBm/MHz]	Limit [dBm/MHz]	Verdict
11A	Ant1	5180	4.50	≤11.00	PASS
	Ant2	5180	4.42	≤11.00	PASS
	Ant1	5200	4.42	≤11.00	PASS
	Ant2	5200	4.64	≤11.00	PASS
	Ant1	5240	5.15	≤11.00	PASS
	Ant2	5240	4.44	≤11.00	PASS
	Ant1	5260	4.56	≤11.00	PASS
	Ant2	5260	4.39	≤11.00	PASS
	Ant1	5280	4.67	≤11.00	PASS
	Ant2	5280	4.42	≤11.00	PASS
	Ant1	5320	4.93	≤11.00	PASS
	Ant2	5320	4.46	≤11.00	PASS
	Ant1	5500	3.98	≤11.00	PASS
	Ant2	5500	4.58	≤11.00	PASS
	Ant1	5580	3.93	≤11.00	PASS
	Ant2	5580	4.57	≤11.00	PASS
	Ant1	5700	3.89	≤11.00	PASS
	Ant2	5700	4.89	≤11.00	PASS
	Ant1	5720 UNII-2C	4.39	≤11.00	PASS
	Ant2	5720 UNII-2C	4.65	≤11.00	PASS
	Ant1	5720 UNII-3	1.08	≤30.00	PASS
	Ant2	5720 UNII-3	1.36	≤30.00	PASS
	Ant1	5745	1.71	≤30.00	PASS
	Ant2	5745	1.79	≤30.00	PASS
	Ant1	5785	0.94	≤30.00	PASS
	Ant2	5785	1.14	≤30.00	PASS
	Ant1	5825	0.70	≤30.00	PASS
	Ant2	5825	1.17	≤30.00	PASS
11N20MIMO	Ant1	5180	2.68	≤11.00	PASS
	Ant2	5180	3.83	≤11.00	PASS
	total	5180	6.30	≤11.00	PASS
	Ant1	5200	2.68	≤11.00	PASS
	Ant2	5200	4.08	≤11.00	PASS
	total	5200	6.45	≤11.00	PASS
	Ant1	5240	2.97	≤11.00	PASS
	Ant2	5240	3.79	≤11.00	PASS
	total	5240	6.41	≤11.00	PASS
	Ant1	5260	2.79	≤11.00	PASS
	Ant2	5260	3.72	≤11.00	PASS
	total	5260	6.29	≤11.00	PASS
	Ant1	5280	3.01	≤11.00	PASS
	Ant2	5280	4.02	≤11.00	PASS
	total	5280	6.55	≤11.00	PASS
	Ant1	5320	2.85	≤11.00	PASS
	Ant2	5320	3.88	≤11.00	PASS
	total	5320	6.41	≤11.00	PASS
	Ant1	5500	3.25	≤11.00	PASS
	Ant2	5500	4.22	≤11.00	PASS
	total	5500	6.77	≤11.00	PASS
	Ant1	5580	4.24	≤11.00	PASS
	Ant2	5580	4.40	≤11.00	PASS
	total	5580	7.33	≤11.00	PASS
	Ant1	5700	3.38	≤11.00	PASS
	Ant2	5700	3.88	≤11.00	PASS
	total	5700	6.65	≤11.00	PASS

	Ant1	5720 UNII-2C	4.20	$\leq 11.00$	PASS
	Ant2	5720 UNII-2C	4.04	$\leq 11.00$	PASS
	total	5720 UNII-2C	7.13	$\leq 11.00$	PASS
	Ant1	5720 UNII-3	0.59	$\leq 30.00$	PASS
	Ant2	5720 UNII-3	0.69	$\leq 30.00$	PASS
	total	5720 UNII-3	3.65	$\leq 30.00$	PASS
	Ant1	5745	1.45	$\leq 30.00$	PASS
	Ant2	5745	1.62	$\leq 30.00$	PASS
	total	5745	4.55	$\leq 30.00$	PASS
	Ant1	5785	0.67	$\leq 30.00$	PASS
	Ant2	5785	0.42	$\leq 30.00$	PASS
	total	5785	3.56	$\leq 30.00$	PASS
	Ant1	5825	0.63	$\leq 30.00$	PASS
	Ant2	5825	0.61	$\leq 30.00$	PASS
	total	5825	3.63	$\leq 30.00$	PASS
	Ant1	5190	-1.28	$\leq 11.00$	PASS
	Ant2	5190	-1.19	$\leq 11.00$	PASS
	total	5190	1.78	$\leq 11.00$	PASS
	Ant1	5230	0.01	$\leq 11.00$	PASS
	Ant2	5230	-0.47	$\leq 11.00$	PASS
	total	5230	2.79	$\leq 11.00$	PASS
	Ant1	5270	0.77	$\leq 11.00$	PASS
	Ant2	5270	1.80	$\leq 11.00$	PASS
	total	5270	4.33	$\leq 11.00$	PASS
	Ant1	5310	1.07	$\leq 11.00$	PASS
	Ant2	5310	2.37	$\leq 11.00$	PASS
	total	5310	4.78	$\leq 11.00$	PASS
	Ant1	5510	-0.81	$\leq 11.00$	PASS
	Ant2	5510	2.39	$\leq 11.00$	PASS
	total	5510	4.09	$\leq 11.00$	PASS
	Ant1	5550	1.17	$\leq 11.00$	PASS
	Ant2	5550	1.99	$\leq 11.00$	PASS
	total	5550	4.61	$\leq 11.00$	PASS
	Ant1	5670	1.34	$\leq 11.00$	PASS
	Ant2	5670	1.82	$\leq 11.00$	PASS
	total	5670	4.60	$\leq 11.00$	PASS
	Ant1	5710 UNII-2C	1.22	$\leq 11.00$	PASS
	Ant2	5710 UNII-2C	1.21	$\leq 11.00$	PASS
	total	5710 UNII-2C	4.23	$\leq 11.00$	PASS
	Ant1	5710 UNII-3	-3.39	$\leq 30.00$	PASS
	Ant2	5710 UNII-3	-4.39	$\leq 30.00$	PASS
	total	5710 UNII-3	-0.85	$\leq 30.00$	PASS
	Ant1	5755	-1.50	$\leq 30.00$	PASS
	Ant2	5755	-1.61	$\leq 30.00$	PASS
	total	5755	1.46	$\leq 30.00$	PASS
	Ant1	5795	-1.90	$\leq 30.00$	PASS
	Ant2	5795	-2.19	$\leq 30.00$	PASS
	total	5795	0.97	$\leq 30.00$	PASS
11AC80MIMO	Ant1	5210	-3.56	$\leq 11.00$	PASS
	Ant2	5210	-2.70	$\leq 11.00$	PASS
	total	5210	-0.10	$\leq 11.00$	PASS
	Ant1	5290	-3.85	$\leq 11.00$	PASS
	Ant2	5290	-3.08	$\leq 11.00$	PASS
	total	5290	-0.44	$\leq 11.00$	PASS
	Ant1	5530	-4.29	$\leq 11.00$	PASS
	Ant2	5530	-3.46	$\leq 11.00$	PASS
	total	5530	-0.84	$\leq 11.00$	PASS
	Ant1	5610	-3.31	$\leq 11.00$	PASS
	Ant2	5610	-4.07	$\leq 11.00$	PASS
	total	5610	-0.66	$\leq 11.00$	PASS

	Ant1	5690 UNII-2C	-4.86	$\leq 11.00$	PASS
	Ant2	5690 UNII-2C	-3.99	$\leq 11.00$	PASS
	total	5690 UNII-2C	-1.39	$\leq 11.00$	PASS
	Ant1	5690 UNII-3	-10.71	$\leq 30.00$	PASS
	Ant2	5690 UNII-3	-11.16	$\leq 30.00$	PASS
	total	5690 UNII-3	-7.92	$\leq 30.00$	PASS
	Ant1	5775	-6.47	$\leq 30.00$	PASS
	Ant2	5775	-6.70	$\leq 30.00$	PASS
	total	5775	-3.57	$\leq 30.00$	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 Graphs

