





Appendix D: Maximum power spectral density  
Test Result

TestMode	Antenna	Frequency[MHz]	Result [dBm/MHz]	Limit[dBm/MHz]	Verdict
11A	Ant1	5180	2.23	≤10.60	PASS
11A	Ant2	5180	2.51	≤10.60	PASS
11A	Ant1	5200	2.44	≤10.60	PASS
11A	Ant2	5200	2.55	≤10.60	PASS
11A	Ant1	5240	3.10	≤10.60	PASS
11A	Ant2	5240	3.00	≤10.60	PASS
11A	Ant1	5260	4.11	≤10.60	PASS
11A	Ant2	5260	3.17	≤10.60	PASS
11A	Ant1	5300	4.53	≤10.60	PASS
11A	Ant2	5300	3.65	≤10.60	PASS
11A	Ant1	5320	4.34	≤10.60	PASS
11A	Ant2	5320	3.93	≤10.60	PASS
11A	Ant1	5500	3.14	≤10.60	PASS
11A	Ant2	5500	2.37	≤10.60	PASS
11A	Ant1	5580	5.35	≤10.60	PASS
11A	Ant2	5580	3.34	≤10.60	PASS
11A	Ant1	5700	3.41	≤10.60	PASS
11A	Ant2	5700	5.40	≤10.60	PASS
11A	Ant1	5745	-0.05	≤29.60	PASS
11A	Ant2	5745	1.79	≤29.60	PASS
11A	Ant1	5785	0.66	≤29.60	PASS
11A	Ant2	5785	0.68	≤29.60	PASS
11A	Ant1	5825	2.08	≤29.60	PASS
11A	Ant2	5825	-0.42	≤29.60	PASS
11N20MIMO	Ant1	5180	-0.57	≤10.60	PASS
11N20MIMO	Ant2	5180	-0.22	≤10.60	PASS
11N20MIMO	total	5180	2.62	≤10.60	PASS
11N20MIMO	Ant1	5200	-0.49	≤10.60	PASS
11N20MIMO	Ant2	5200	-0.35	≤10.60	PASS
11N20MIMO	total	5200	2.59	≤10.60	PASS
11N20MIMO	Ant1	5240	0.27	≤10.60	PASS
11N20MIMO	Ant2	5240	0.04	≤10.60	PASS
11N20MIMO	total	5240	3.17	≤10.60	PASS
11N20MIMO	Ant1	5260	0.67	≤10.60	PASS
11N20MIMO	Ant2	5260	0.25	≤10.60	PASS
11N20MIMO	total	5260	3.48	≤10.60	PASS
11N20MIMO	Ant1	5300	1.52	≤10.60	PASS
11N20MIMO	Ant2	5300	1.14	≤10.60	PASS
11N20MIMO	total	5300	4.34	≤10.60	PASS
11N20MIMO	Ant1	5320	2.01	≤10.60	PASS
11N20MIMO	Ant2	5320	1.16	≤10.60	PASS
11N20MIMO	total	5320	4.62	≤10.60	PASS
11N20MIMO	Ant1	5500	0.25	≤10.60	PASS
11N20MIMO	Ant2	5500	-0.69	≤10.60	PASS
11N20MIMO	total	5500	2.82	≤10.60	PASS
11N20MIMO	Ant1	5580	2.29	≤10.60	PASS
11N20MIMO	Ant2	5580	0.32	≤10.60	PASS
11N20MIMO	total	5580	4.43	≤10.60	PASS
11N20MIMO	Ant1	5700	-0.03	≤10.60	PASS
11N20MIMO	Ant2	5700	2.23	≤10.60	PASS
11N20MIMO	total	5700	4.26	≤10.60	PASS
11N20MIMO	Ant1	5745	-2.79	≤29.60	PASS
11N20MIMO	Ant2	5745	-1.14	≤29.60	PASS



11N20MIMO	total	5745	1.12	≤29.60	PASS
11N20MIMO	Ant1	5785	-2.20	≤29.60	PASS
11N20MIMO	Ant2	5785	-2.21	≤29.60	PASS
11N20MIMO	total	5785	0.81	≤29.60	PASS
11N20MIMO	Ant1	5825	-1.12	≤29.60	PASS
11N20MIMO	Ant2	5825	-3.30	≤29.60	PASS
11N20MIMO	total	5825	0.94	≤29.60	PASS
11N40MIMO	Ant1	5190	-2.71	≤10.60	PASS
11N40MIMO	Ant2	5190	-2.74	≤10.60	PASS
11N40MIMO	total	5190	0.29	≤10.60	PASS
11N40MIMO	Ant1	5230	-2.40	≤10.60	PASS
11N40MIMO	Ant2	5230	-2.28	≤10.60	PASS
11N40MIMO	total	5230	0.67	≤10.60	PASS
11N40MIMO	Ant1	5270	0.12	≤10.60	PASS
11N40MIMO	Ant2	5270	-1.68	≤10.60	PASS
11N40MIMO	total	5270	2.32	≤10.60	PASS
11N40MIMO	Ant1	5310	0.02	≤10.60	PASS
11N40MIMO	Ant2	5310	-0.97	≤10.60	PASS
11N40MIMO	total	5310	2.56	≤10.60	PASS
11N40MIMO	Ant1	5510	-0.86	≤10.60	PASS
11N40MIMO	Ant2	5510	-2.35	≤10.60	PASS
11N40MIMO	total	5510	1.47	≤10.60	PASS
11N40MIMO	Ant1	5590	0.41	≤10.60	PASS
11N40MIMO	Ant2	5590	-1.64	≤10.60	PASS
11N40MIMO	total	5590	2.52	≤10.60	PASS
11N40MIMO	Ant1	5670	-0.97	≤10.60	PASS
11N40MIMO	Ant2	5670	0.21	≤10.60	PASS
11N40MIMO	total	5670	2.67	≤10.60	PASS
11N40MIMO	Ant1	5755	-4.18	≤29.60	PASS
11N40MIMO	Ant2	5755	-3.05	≤29.60	PASS
11N40MIMO	total	5755	-0.57	≤29.60	PASS
11N40MIMO	Ant1	5795	-3.92	≤29.60	PASS
11N40MIMO	Ant2	5795	-4.83	≤29.60	PASS
11N40MIMO	total	5795	-1.34	≤29.60	PASS
11AC20MIMO	Ant1	5180	-0.27	≤10.60	PASS
11AC20MIMO	Ant2	5180	-0.35	≤10.60	PASS
11AC20MIMO	total	5180	2.70	≤10.60	PASS
11AC20MIMO	Ant1	5200	-0.13	≤10.60	PASS
11AC20MIMO	Ant2	5200	-0.30	≤10.60	PASS
11AC20MIMO	total	5200	2.80	≤10.60	PASS
11AC20MIMO	Ant1	5240	0.33	≤10.60	PASS
11AC20MIMO	Ant2	5240	0.44	≤10.60	PASS
11AC20MIMO	total	5240	3.40	≤10.60	PASS
11AC20MIMO	Ant1	5260	2.12	≤10.60	PASS
11AC20MIMO	Ant2	5260	-0.69	≤10.60	PASS
11AC20MIMO	total	5260	3.95	≤10.60	PASS
11AC20MIMO	Ant1	5300	2.33	≤10.60	PASS
11AC20MIMO	Ant2	5300	0.02	≤10.60	PASS
11AC20MIMO	total	5300	4.34	≤10.60	PASS
11AC20MIMO	Ant1	5320	2.33	≤10.60	PASS
11AC20MIMO	Ant2	5320	0.20	≤10.60	PASS
11AC20MIMO	total	5320	4.40	≤10.60	PASS
11AC20MIMO	Ant1	5500	0.69	≤10.60	PASS
11AC20MIMO	Ant2	5500	-1.82	≤10.60	PASS
11AC20MIMO	total	5500	2.62	≤10.60	PASS
11AC20MIMO	Ant1	5580	3.29	≤10.60	PASS
11AC20MIMO	Ant2	5580	1.74	≤10.60	PASS



11AC20MIMO	total	5580	5.59	≤10.60	PASS
11AC20MIMO	Ant1	5700	3.06	≤10.60	PASS
11AC20MIMO	Ant2	5700	-0.82	≤10.60	PASS
11AC20MIMO	total	5700	4.55	≤10.60	PASS
11AC20MIMO	Ant1	5745	-0.76	≤29.60	PASS
11AC20MIMO	Ant2	5745	-4.34	≤29.60	PASS
11AC20MIMO	total	5745	0.82	≤29.60	PASS
11AC20MIMO	Ant1	5785	-1.61	≤29.60	PASS
11AC20MIMO	Ant2	5785	-3.77	≤29.60	PASS
11AC20MIMO	total	5785	0.45	≤29.60	PASS
11AC20MIMO	Ant1	5825	-2.19	≤29.60	PASS
11AC20MIMO	Ant2	5825	-3.13	≤29.60	PASS
11AC20MIMO	total	5825	0.38	≤29.60	PASS
11AC40MIMO	Ant1	5190	-1.91	≤10.60	PASS
11AC40MIMO	Ant2	5190	-3.89	≤10.60	PASS
11AC40MIMO	total	5190	0.22	≤10.60	PASS
11AC40MIMO	Ant1	5230	-1.17	≤10.60	PASS
11AC40MIMO	Ant2	5230	-3.50	≤10.60	PASS
11AC40MIMO	total	5230	0.83	≤10.60	PASS
11AC40MIMO	Ant1	5270	-0.21	≤10.60	PASS
11AC40MIMO	Ant2	5270	-2.72	≤10.60	PASS
11AC40MIMO	total	5270	1.72	≤10.60	PASS
11AC40MIMO	Ant1	5310	-0.24	≤10.60	PASS
11AC40MIMO	Ant2	5310	-2.18	≤10.60	PASS
11AC40MIMO	total	5310	1.91	≤10.60	PASS
11AC40MIMO	Ant1	5510	-0.54	≤10.60	PASS
11AC40MIMO	Ant2	5510	-3.64	≤10.60	PASS
11AC40MIMO	total	5510	1.19	≤10.60	PASS
11AC40MIMO	Ant1	5590	0.44	≤10.60	PASS
11AC40MIMO	Ant2	5590	-0.86	≤10.60	PASS
11AC40MIMO	total	5590	2.85	≤10.60	PASS
11AC40MIMO	Ant1	5670	1.33	≤10.60	PASS
11AC40MIMO	Ant2	5670	-1.13	≤10.60	PASS
11AC40MIMO	total	5670	3.28	≤10.60	PASS
11AC40MIMO	Ant1	5755	-2.49	≤29.60	PASS
11AC40MIMO	Ant2	5755	-6.34	≤29.60	PASS
11AC40MIMO	total	5755	-0.99	≤29.60	PASS
11AC40MIMO	Ant1	5795	-4.05	≤29.60	PASS
11AC40MIMO	Ant2	5795	-5.89	≤29.60	PASS
11AC40MIMO	total	5795	-1.86	≤29.60	PASS
11AC80MIMO	Ant1	5210	-3.92	≤10.60	PASS
11AC80MIMO	Ant2	5210	-6.00	≤10.60	PASS
11AC80MIMO	total	5210	-1.83	≤10.60	PASS
11AC80MIMO	Ant1	5290	-2.08	≤10.60	PASS
11AC80MIMO	Ant2	5290	-4.66	≤10.60	PASS
11AC80MIMO	total	5290	-0.17	≤10.60	PASS
11AC80MIMO	Ant1	5530	-2.33	≤10.60	PASS
11AC80MIMO	Ant2	5530	-4.58	≤10.60	PASS
11AC80MIMO	total	5530	-0.30	≤10.60	PASS
11AC80MIMO	Ant1	5610	-0.97	≤10.60	PASS
11AC80MIMO	Ant2	5610	-2.06	≤10.60	PASS
11AC80MIMO	total	5610	1.53	≤10.60	PASS
11AC80MIMO	Ant1	5775	-5.39	≤29.60	PASS
11AC80MIMO	Ant2	5775	-8.25	≤29.60	PASS
11AC80MIMO	total	5775	-3.58	≤29.60	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.

### Test Graphs

#### 11A-Ant1-5180-PASS



#### 11A-Ant2-5180-PASS



#### 11A-Ant1-5200-PASS





### 11A-Ant2-5200-PASS



### 11A-Ant1-5240-PASS



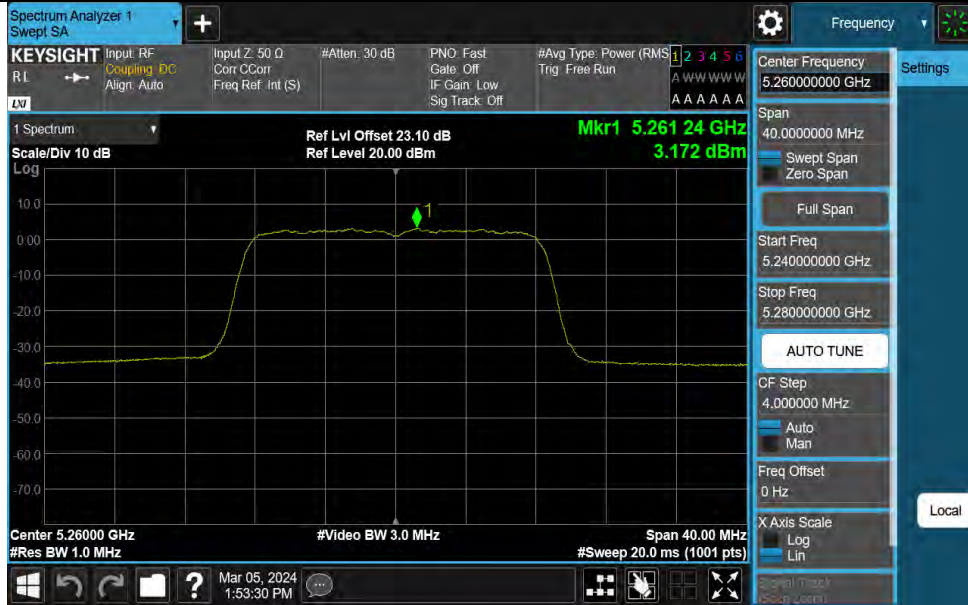
### 11A-Ant2-5240-PASS



### 11A-Ant1-5260-PASS



### 11A-Ant2-5260-PASS



### 11A-Ant1-5300-PASS





## 11A-Ant2-5300-PASS



## 11A-Ant1-5320-PASS



## 11A-Ant2-5320-PASS



### 11A-Ant1-5500-PASS



### 11A-Ant2-5500-PASS



### 11A-Ant1-5580-PASS





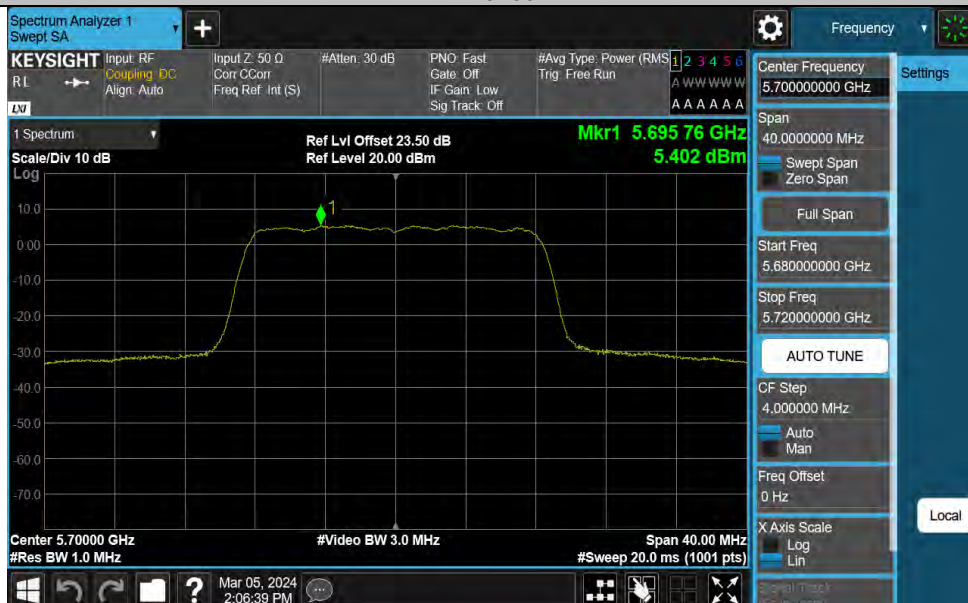
## 11A-Ant2-5580-PASS



## 11A-Ant1-5700-PASS



## 11A-Ant2-5700-PASS





## 11A-Ant1-5745-PASS



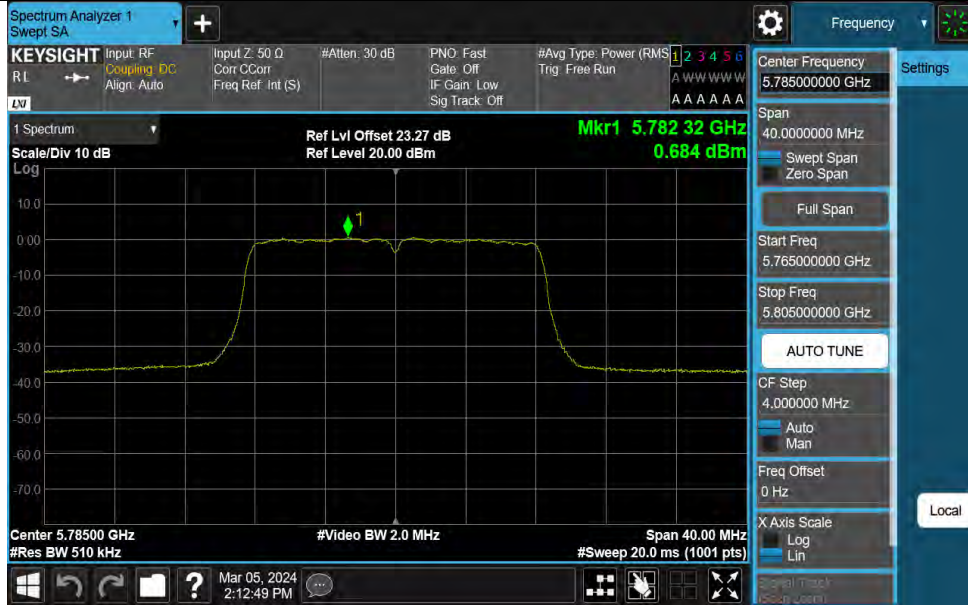
## 11A-Ant2-5745-PASS



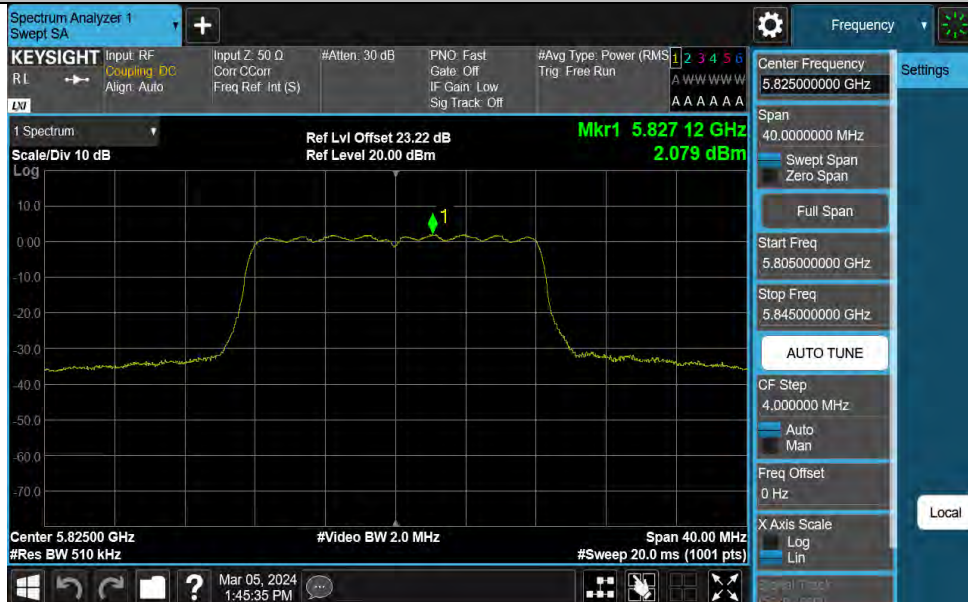
## 11A-Ant1-5785-PASS



## 11A-Ant2-5785-PASS



## 11A-Ant1-5825-PASS



## 11A-Ant2-5825-PASS





