

11N40MIMO\_Ant1\_5190



11N40MIMO\_Ant2\_5190



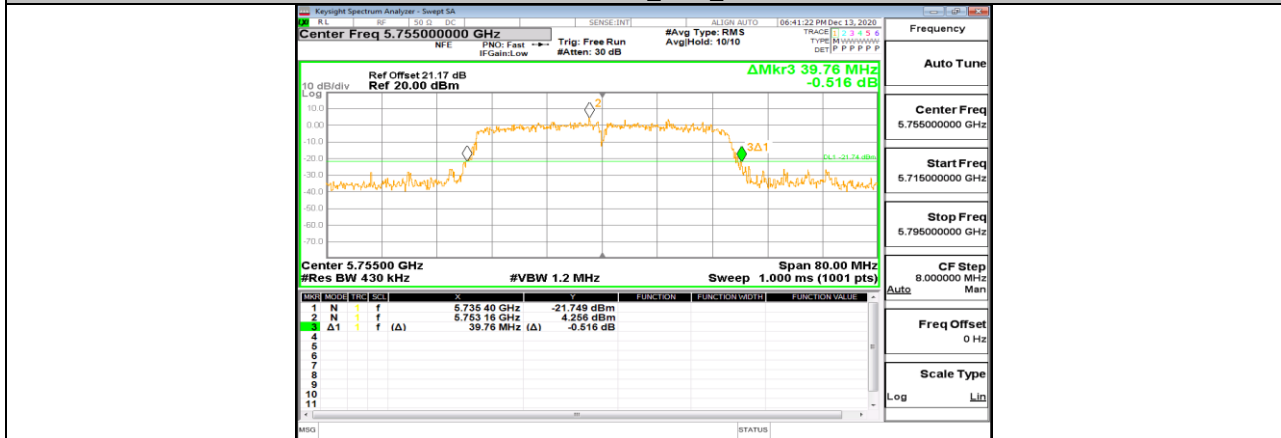
11N40MIMO\_Ant1\_5230



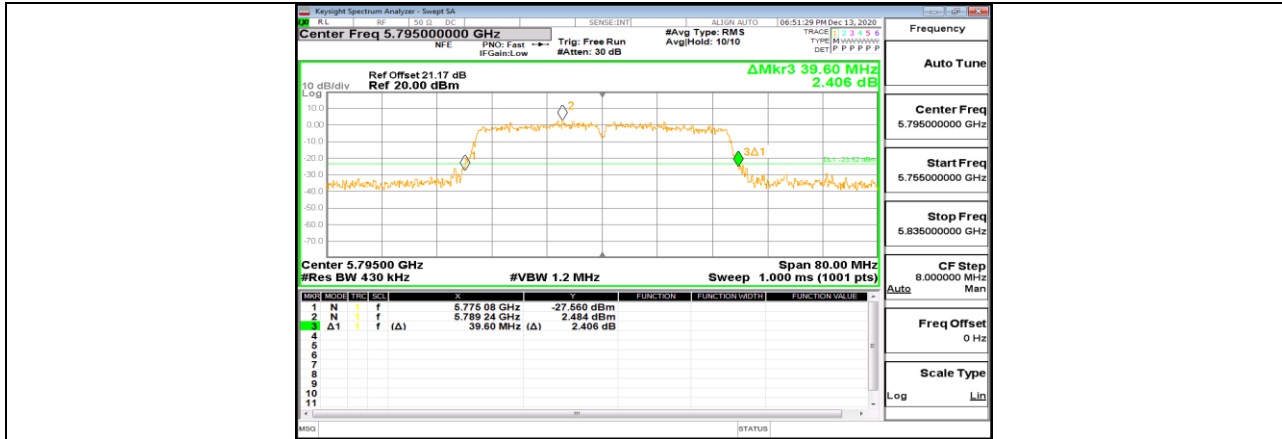
11N40MIMO\_Ant2\_5230



11N40MIMO\_Ant1\_5755



11N40MIMO\_Ant2\_5755



11N40MIMO\_Ant1\_5795



11N40MIMO\_Ant2\_5795



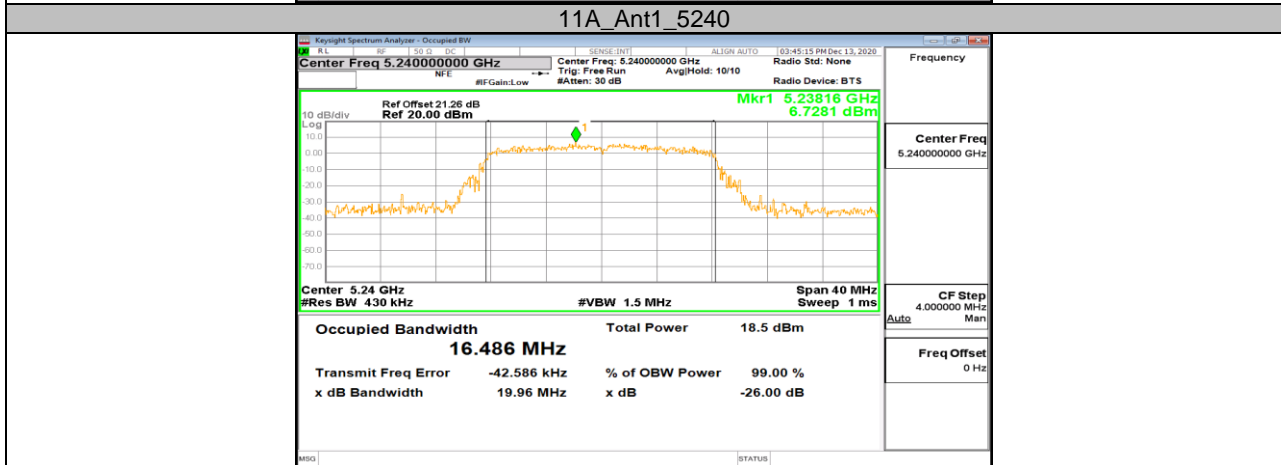
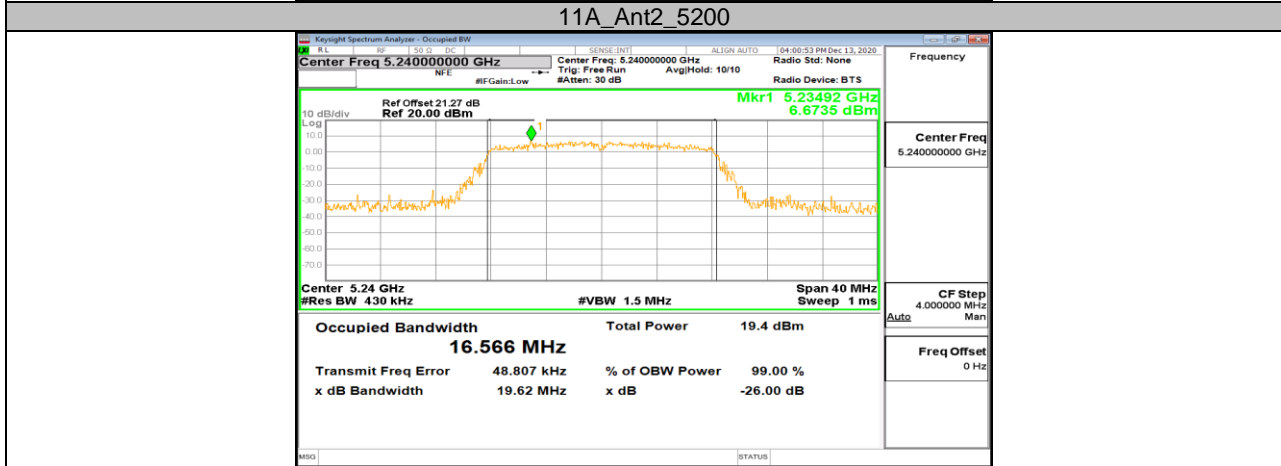
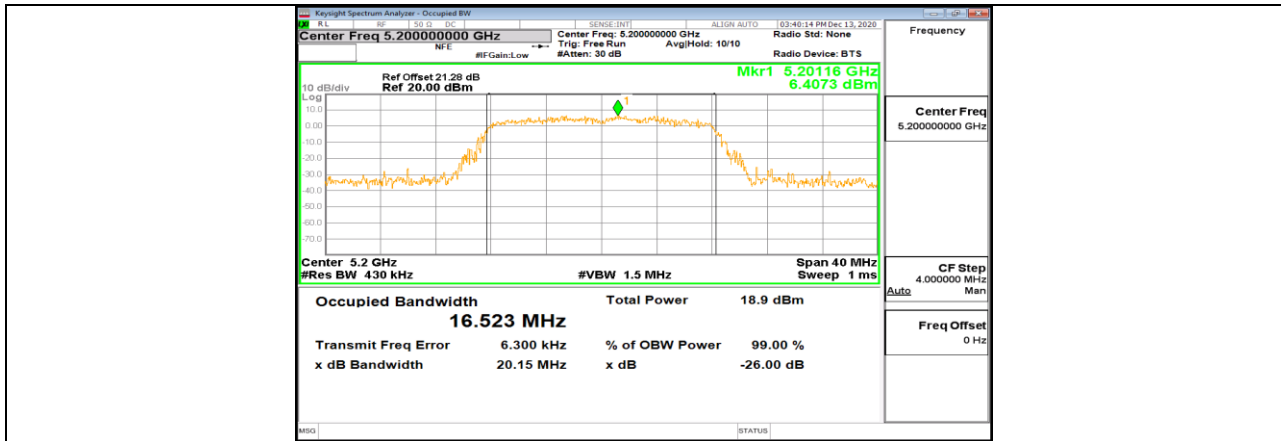
## 12.2. Appendix A2: Occupied channel bandwidth

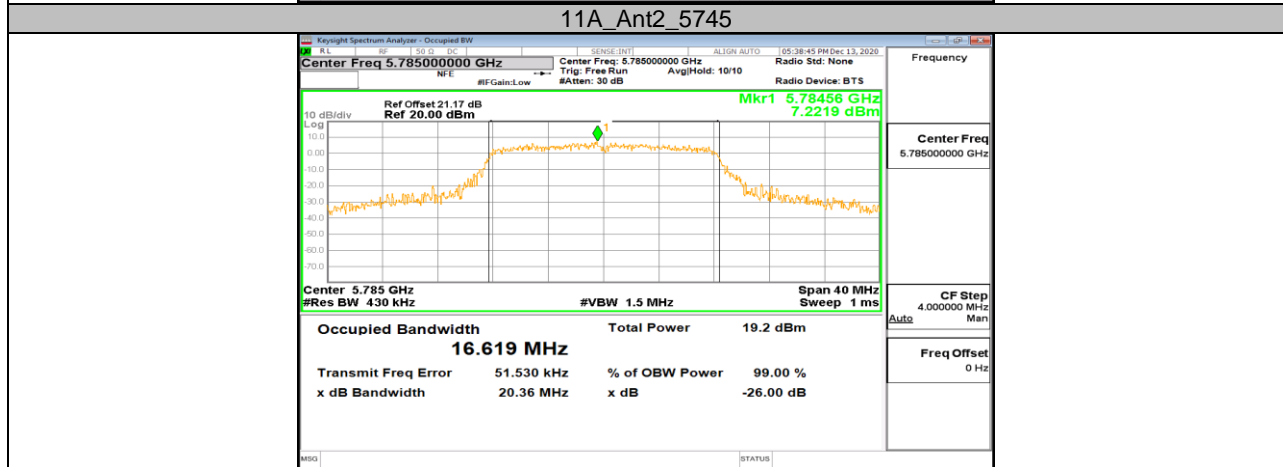
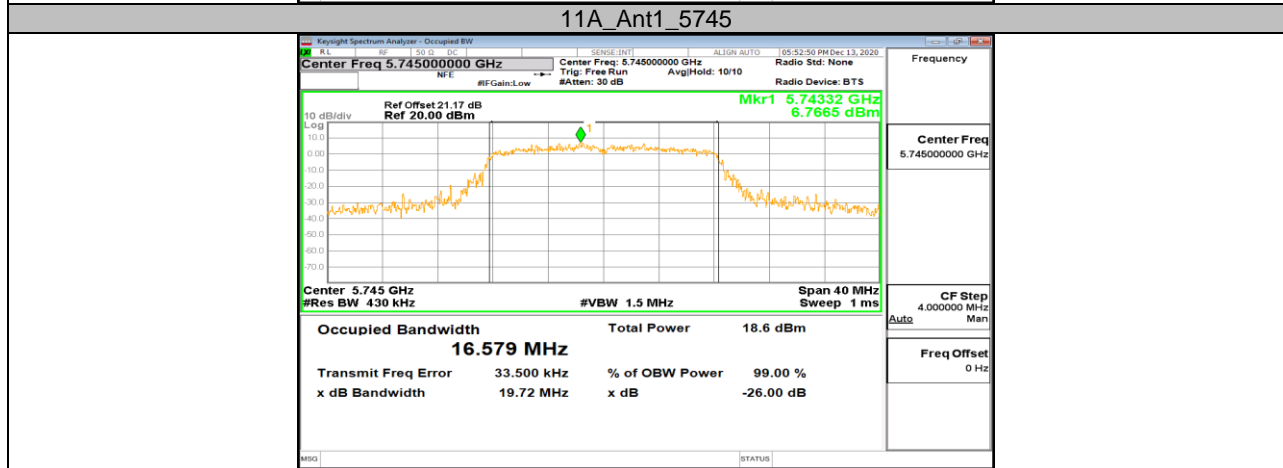
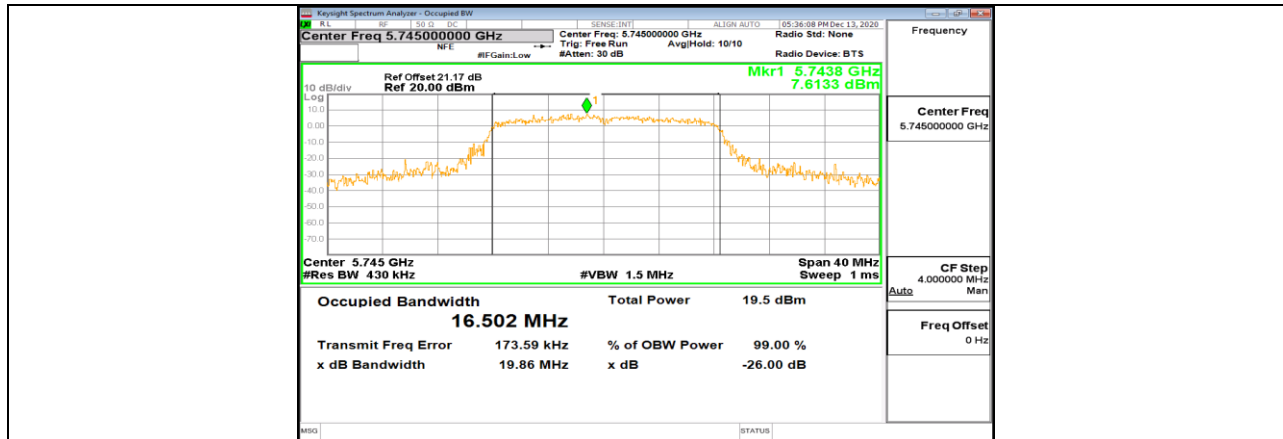
### 12.2.1. Test Result

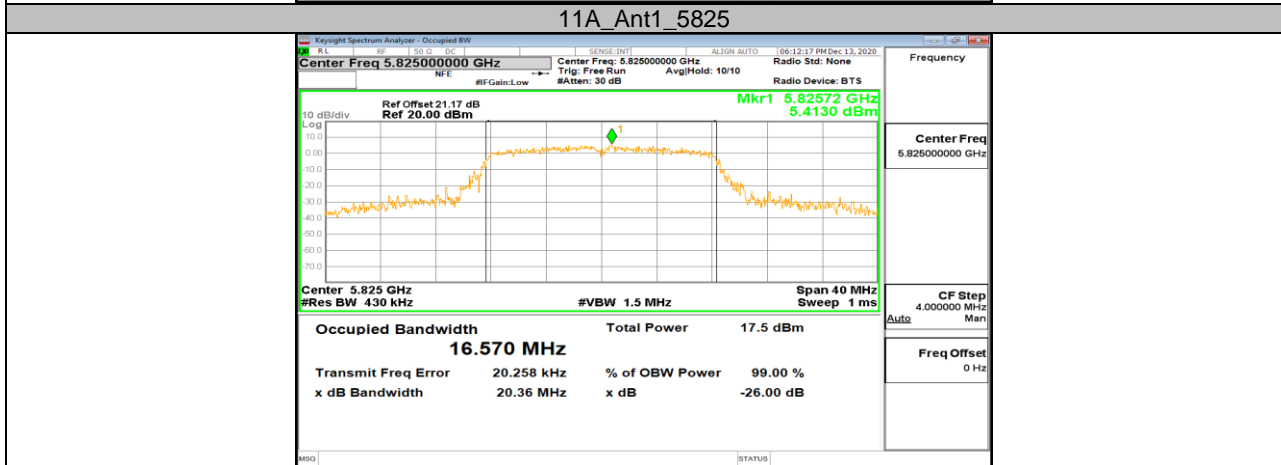
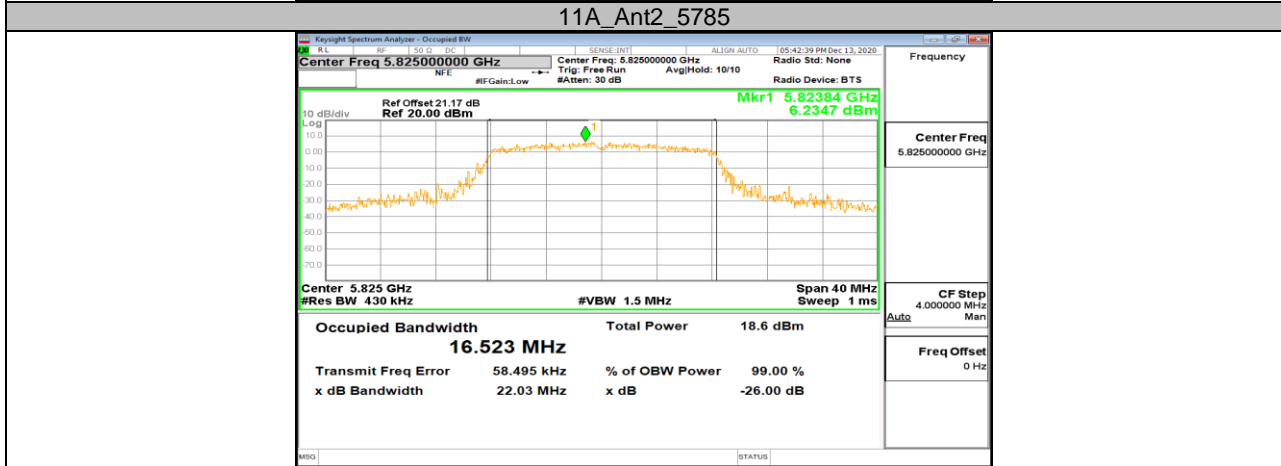
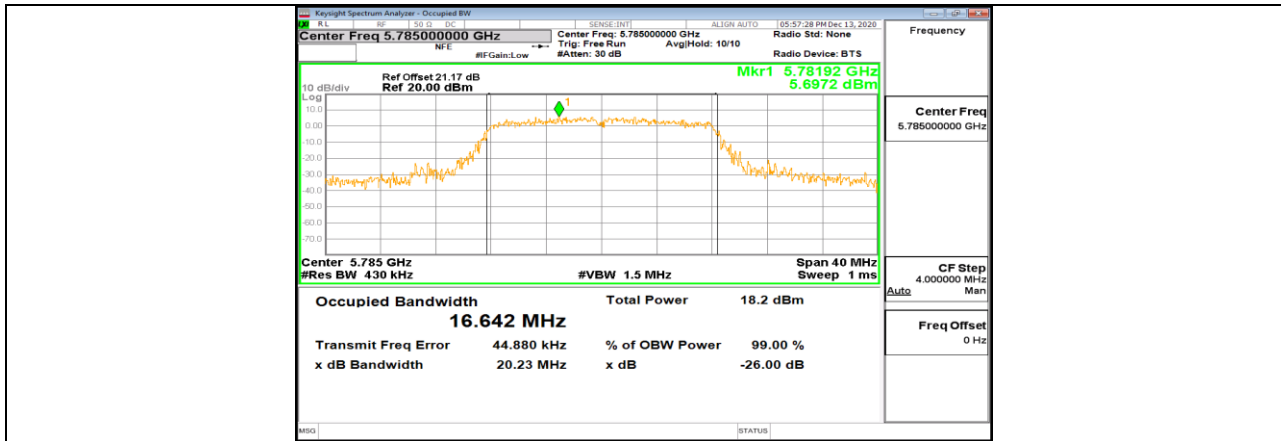
Test Mode	Antenna	Channel	OCB [MHz]	FL[MHz]	FH[MHz]	Verdict
11A	Ant1	5180	16.478	5171.742	5188.220	PASS
	Ant2	5180	16.610	5171.673	5188.283	PASS
	Ant1	5200	16.586	5191.679	5208.265	PASS
	Ant2	5200	16.523	5191.745	5208.268	PASS
	Ant1	5240	16.566	5231.766	5248.332	PASS
	Ant2	5240	16.486	5231.714	5248.200	PASS
	Ant1	5745	16.502	5736.923	5753.425	PASS
	Ant2	5745	16.579	5736.744	5753.323	PASS
	Ant1	5785	16.619	5776.742	5793.361	PASS
	Ant2	5785	16.642	5776.724	5793.366	PASS
	Ant1	5825	16.523	5816.797	5833.320	PASS
	Ant2	5825	16.570	5816.735	5833.305	PASS
11N20MIMO	Ant1	5180	17.696	5171.169	5188.865	PASS
	Ant2	5180	17.570	5171.252	5188.822	PASS
	Ant1	5200	17.673	5191.237	5208.910	PASS
	Ant2	5200	17.629	5191.236	5208.865	PASS
	Ant1	5240	17.679	5231.172	5248.851	PASS
	Ant2	5240	17.612	5231.195	5248.807	PASS
	Ant1	5745	17.739	5736.112	5753.851	PASS
	Ant2	5745	17.637	5736.188	5753.825	PASS
	Ant1	5785	17.633	5776.227	5793.860	PASS
	Ant2	5785	17.663	5776.230	5793.893	PASS
	Ant1	5825	17.689	5816.226	5833.915	PASS
	Ant2	5825	17.645	5816.252	5833.897	PASS
11N40MIMO	Ant1	5190	36.357	5171.899	5208.256	PASS
	Ant2	5190	36.376	5171.800	5208.176	PASS
	Ant1	5230	36.266	5211.953	5248.219	PASS
	Ant2	5230	36.473	5211.758	5248.231	PASS
	Ant1	5755	36.183	5736.979	5773.162	PASS
	Ant2	5755	36.241	5737.009	5773.250	PASS
	Ant1	5795	36.075	5777.050	5813.125	PASS
	Ant2	5795	36.277	5776.992	5813.269	PASS

### 12.2.2. Test Graphs

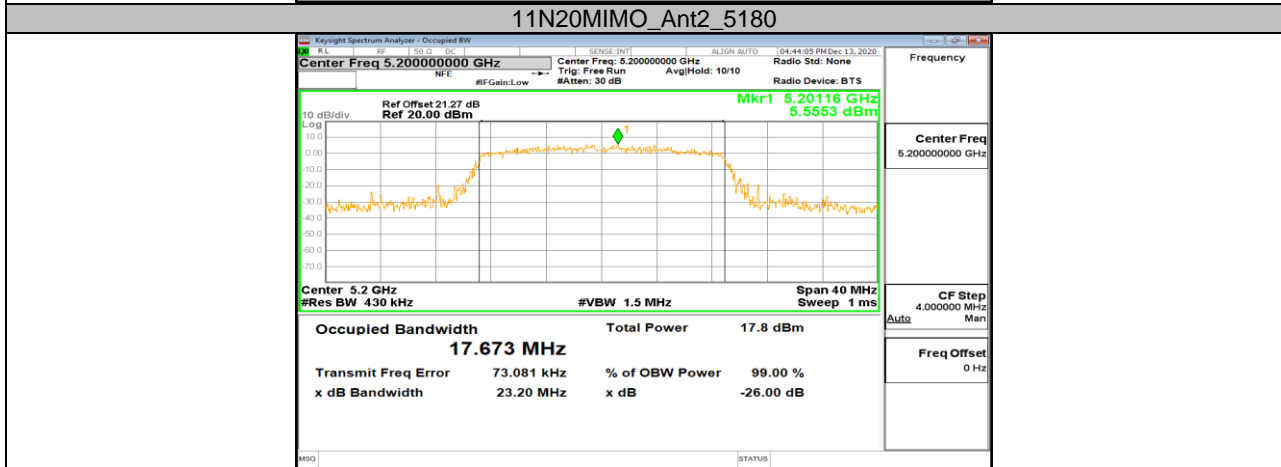
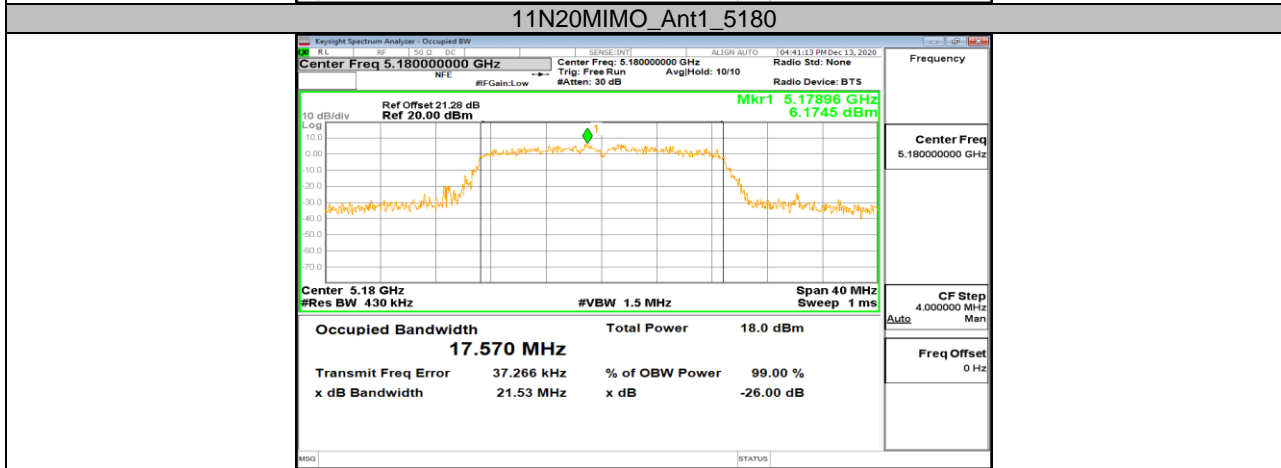
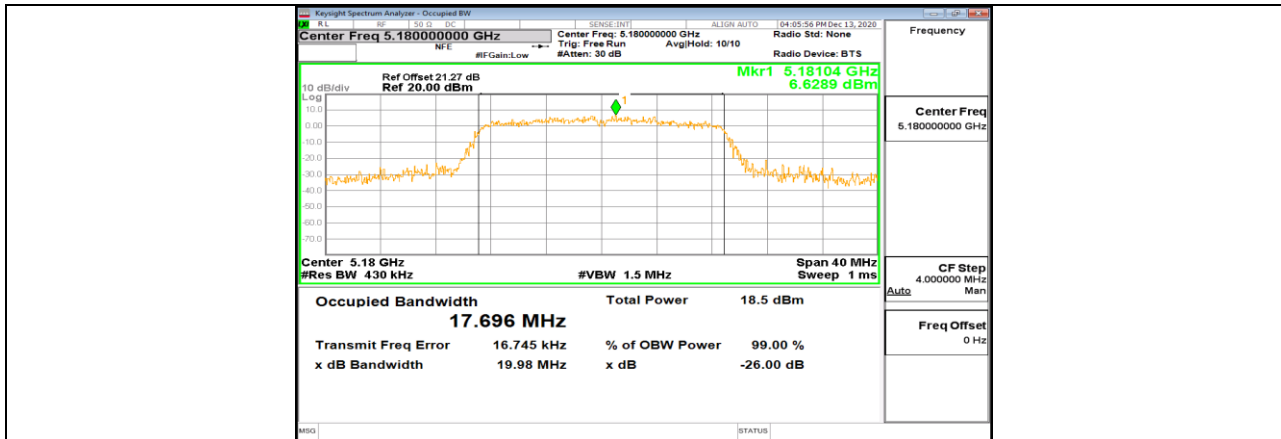


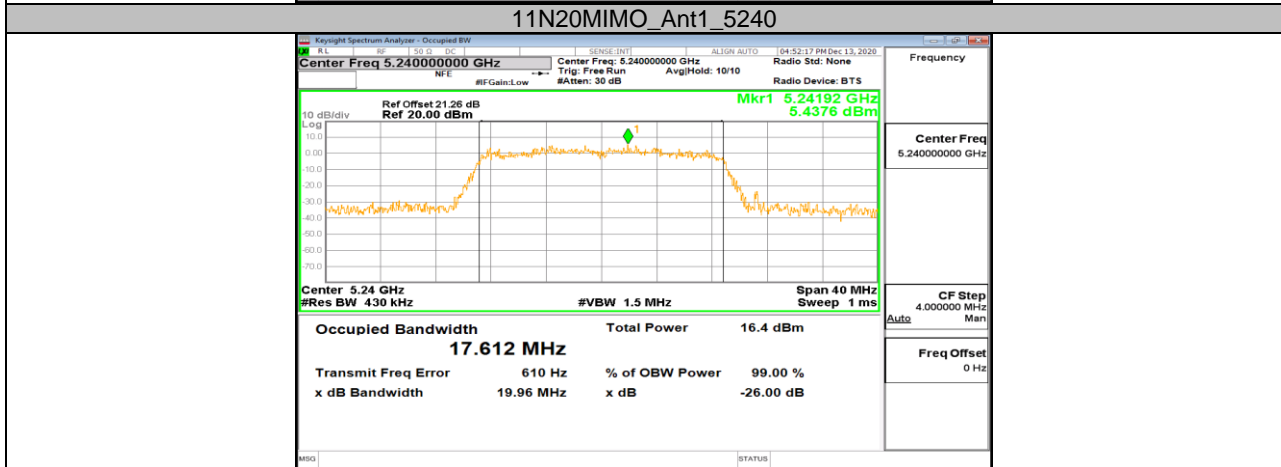
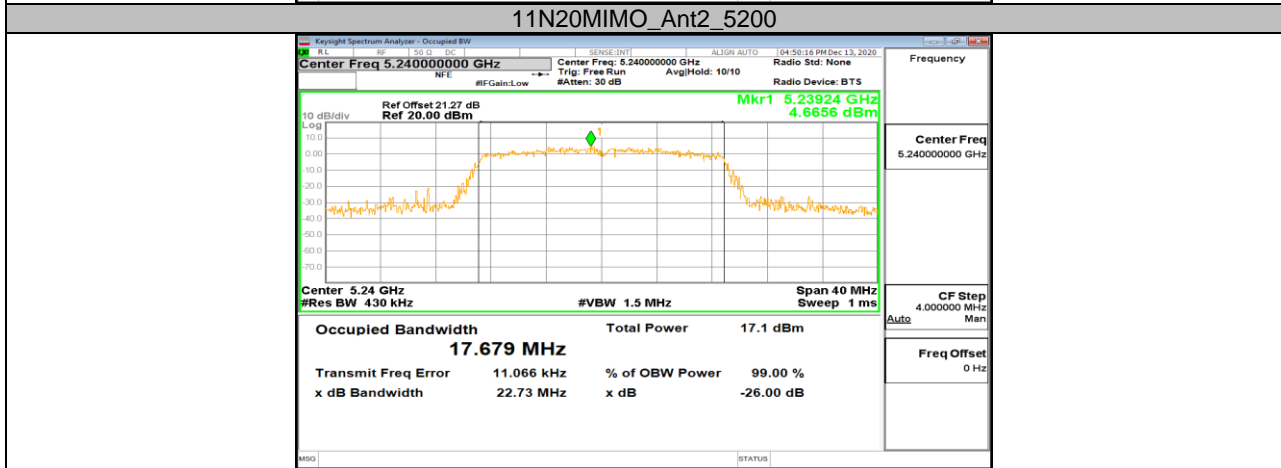
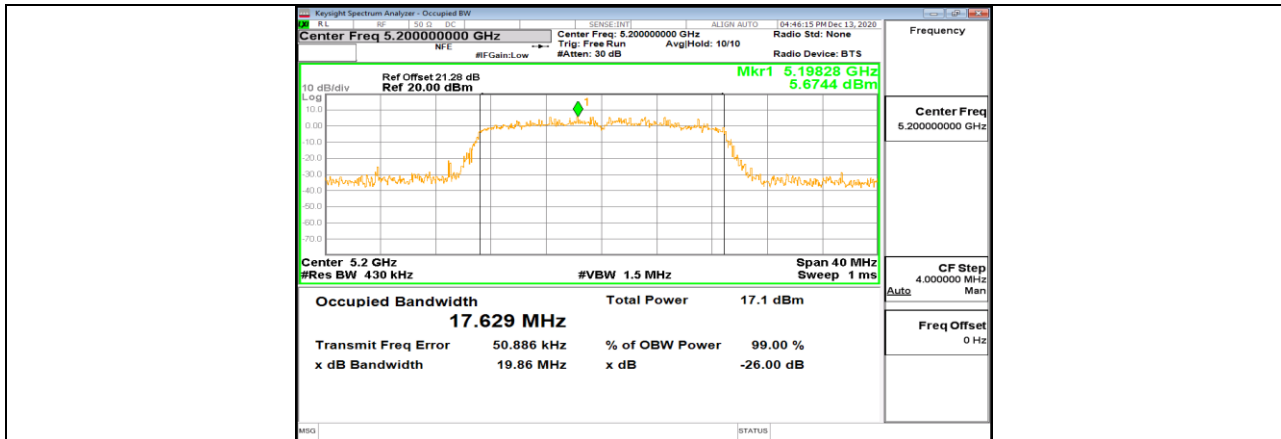


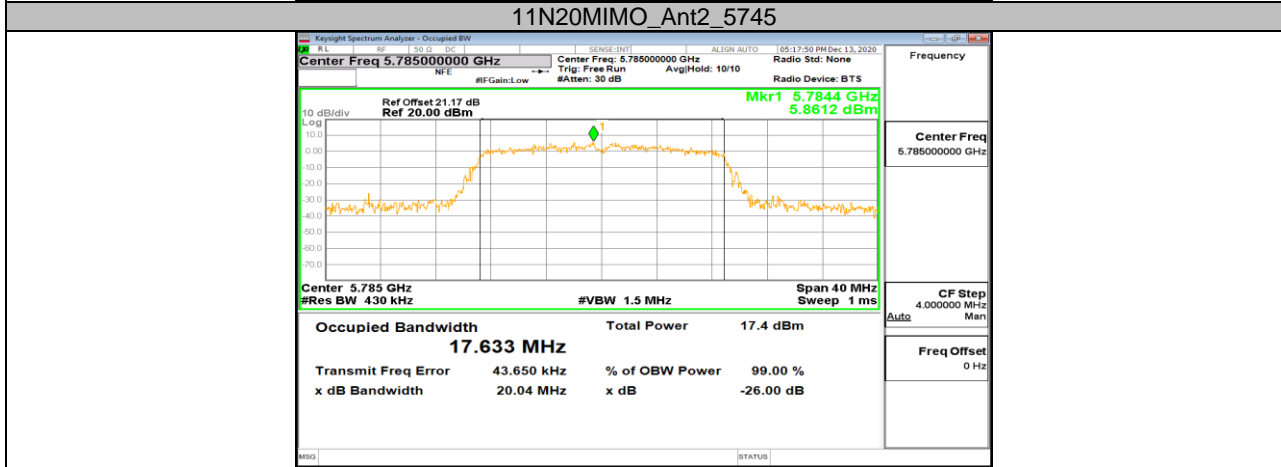
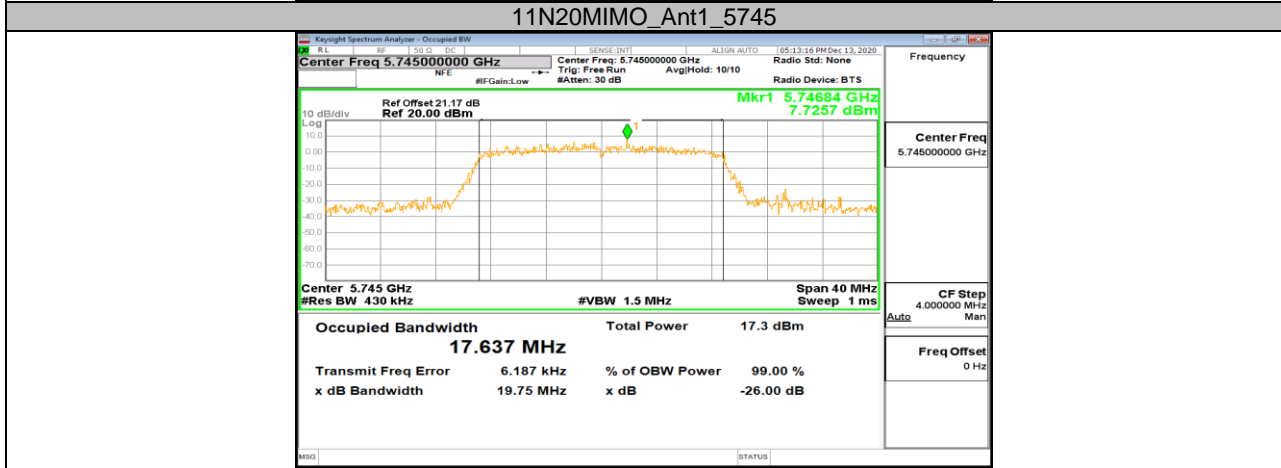
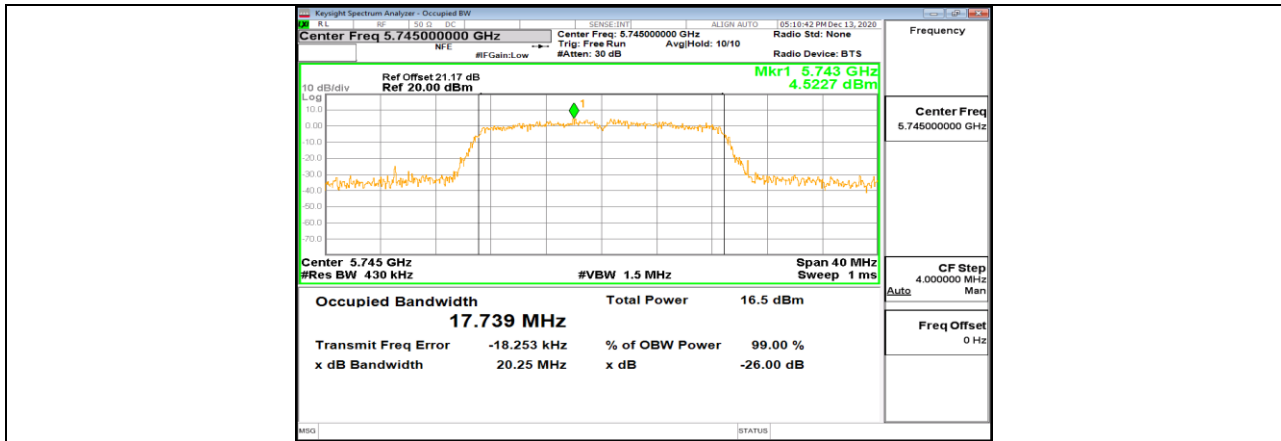


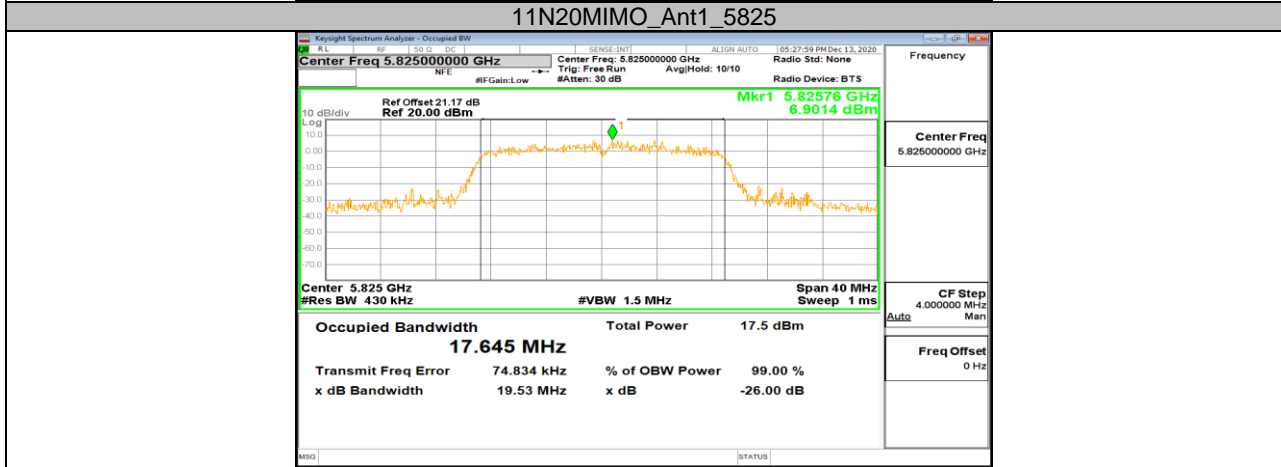
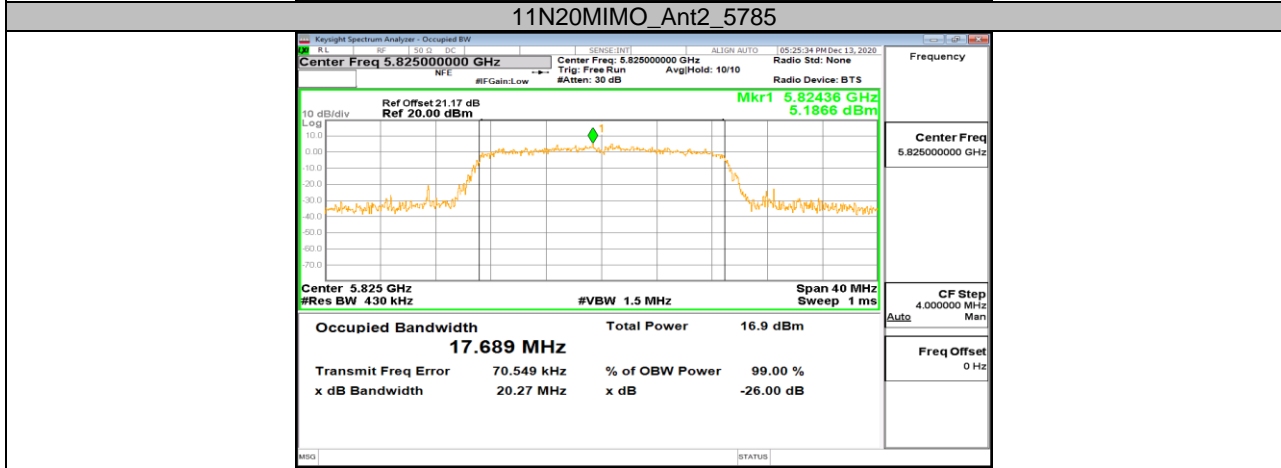
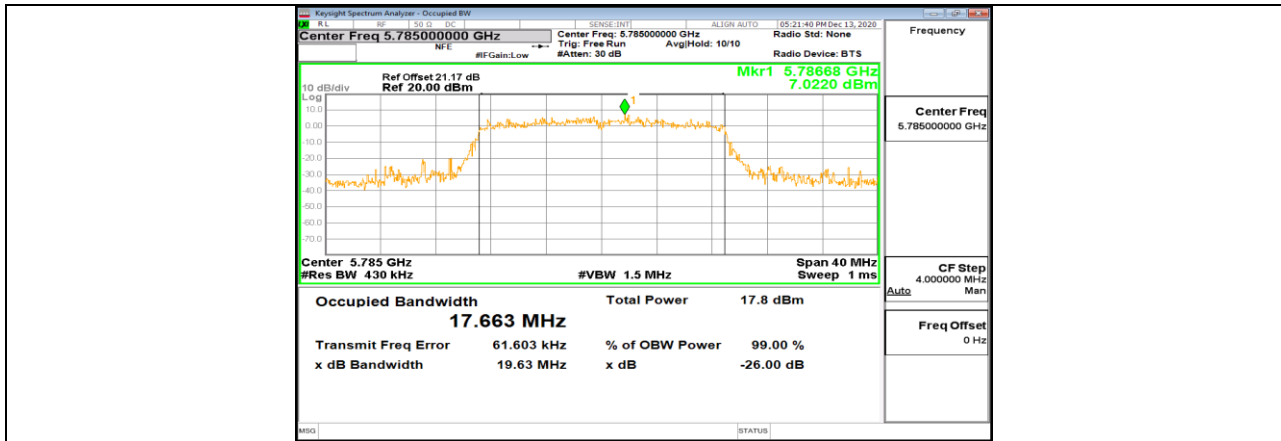


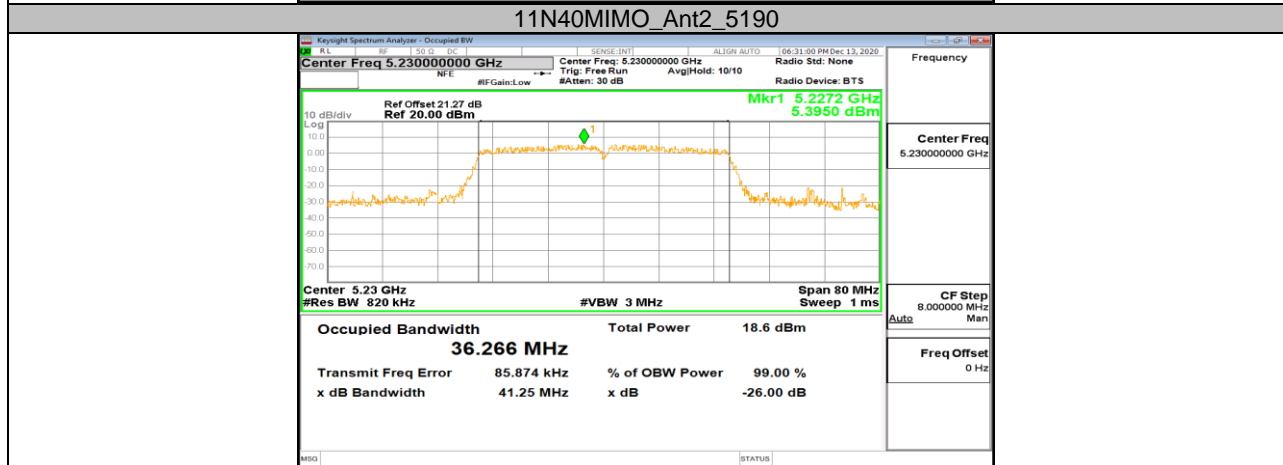
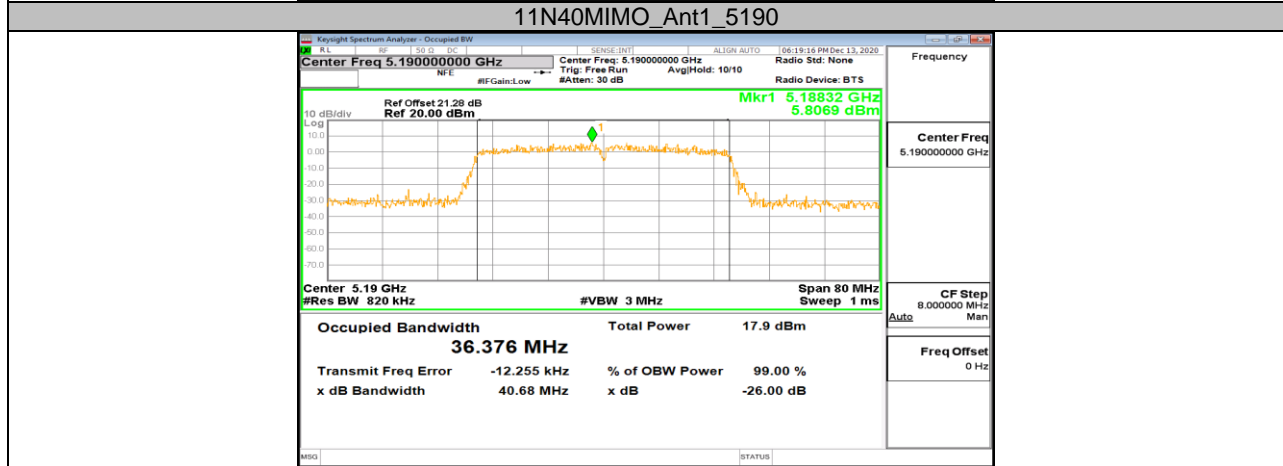
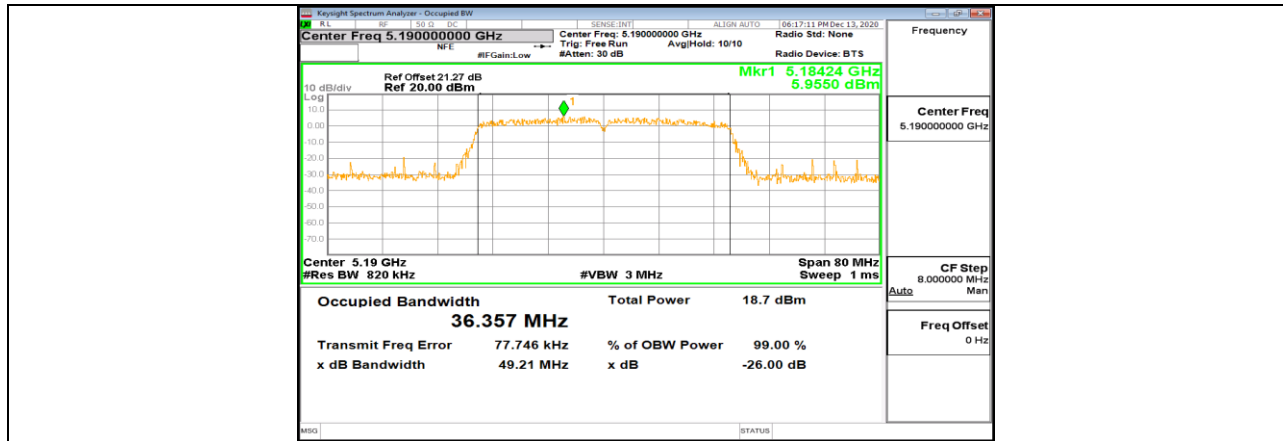


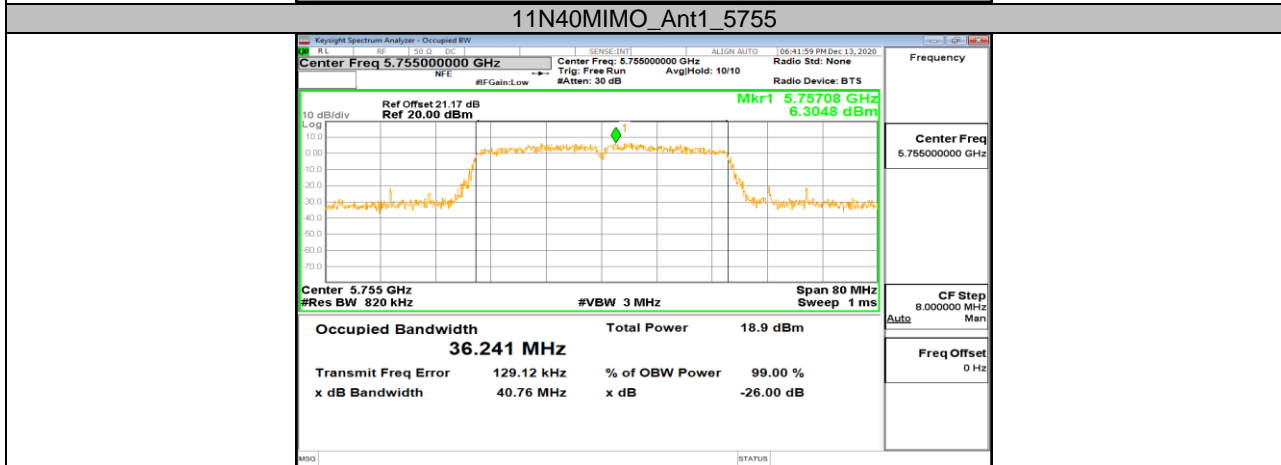
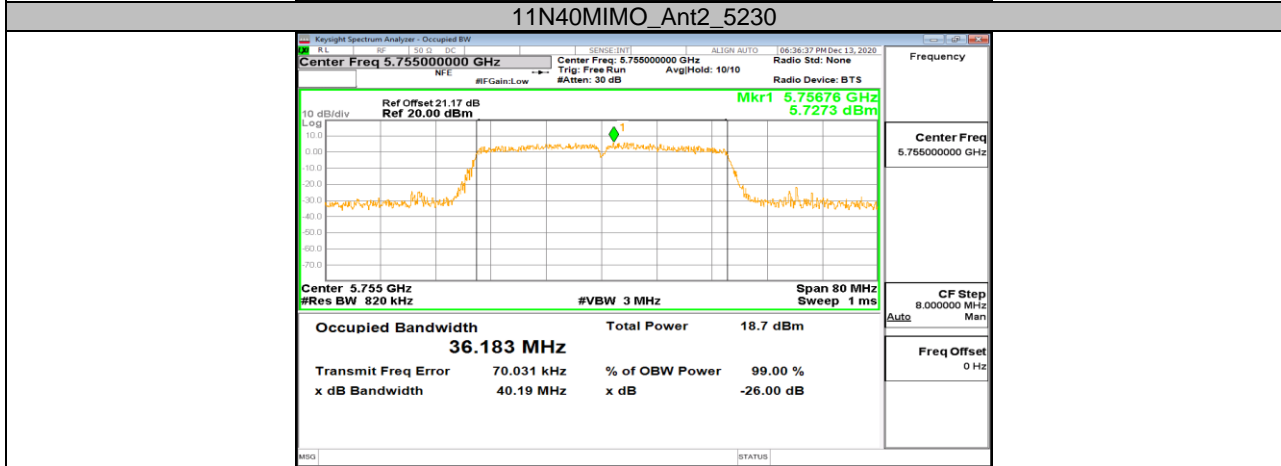
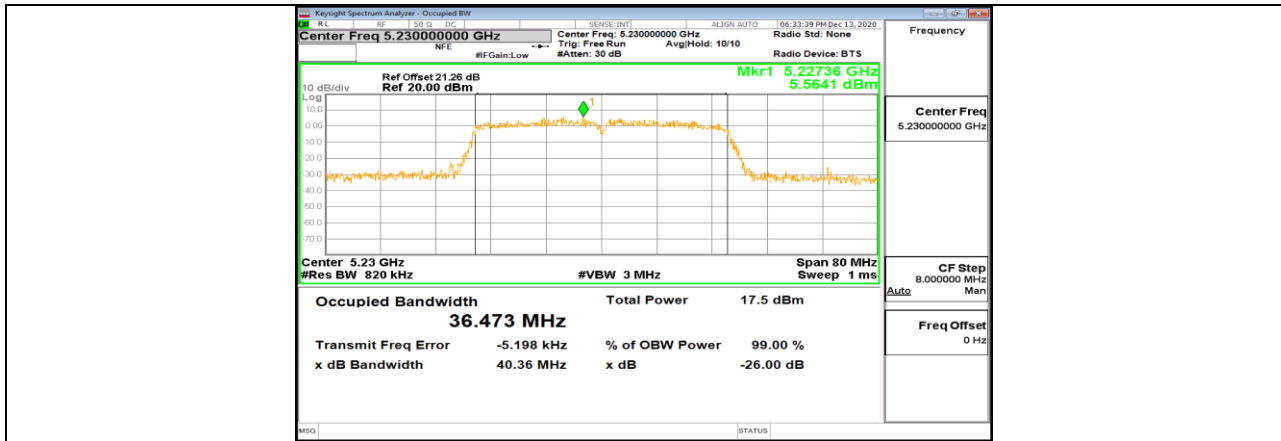




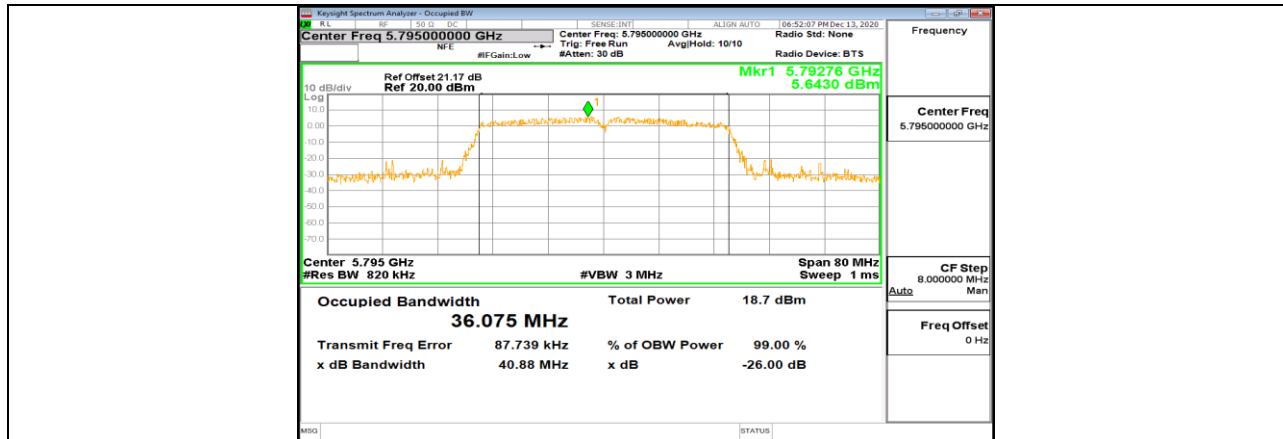




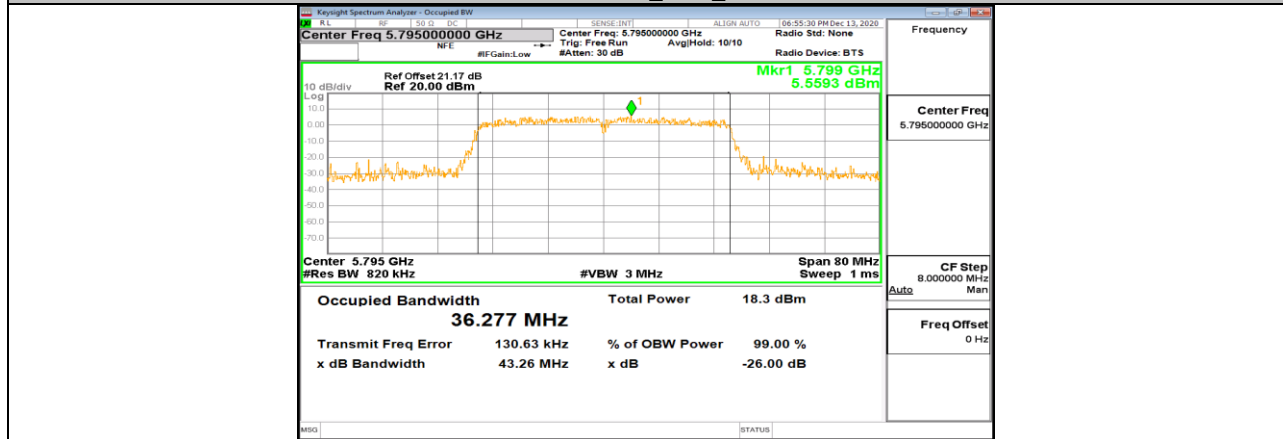




11N40MIMO\_Ant2\_5755



11N40MIMO\_Ant1\_5795



11N40MIMO\_Ant2\_5795

### 12.3. Appendix A3: Min emission bandwidth

#### 12.3.1. Test Result

Test Mode	Antenna	Channel	6db EBW [MHz]	FL[MHz]	FH[MHz]	Limit[MHz]	Verdict
11A	Ant1	5745	16.320	5736.900	5753.220	0.5	PASS
	Ant2	5745	16.020	5737.170	5753.190	0.5	PASS
	Ant1	5785	16.380	5776.870	5793.250	0.5	PASS
	Ant2	5785	16.350	5776.840	5793.190	0.5	PASS
	Ant1	5825	16.350	5816.900	5833.250	0.5	PASS
	Ant2	5825	16.170	5816.810	5832.980	0.5	PASS
11N20MIMO	Ant1	5745	17.640	5736.180	5753.820	0.5	PASS
	Ant2	5745	16.980	5736.240	5753.220	0.5	PASS
	Ant1	5785	16.620	5776.600	5793.220	0.5	PASS
	Ant2	5785	16.920	5776.900	5793.820	0.5	PASS
	Ant1	5825	17.610	5816.240	5833.850	0.5	PASS
	Ant2	5825	17.580	5816.270	5833.850	0.5	PASS
11N40MIMO	Ant1	5755	36.180	5737.060	5773.240	0.5	PASS
	Ant2	5755	35.820	5737.120	5772.940	0.5	PASS
	Ant1	5795	35.520	5777.060	5812.580	0.5	PASS
	Ant2	5795	35.820	5777.420	5813.240	0.5	PASS

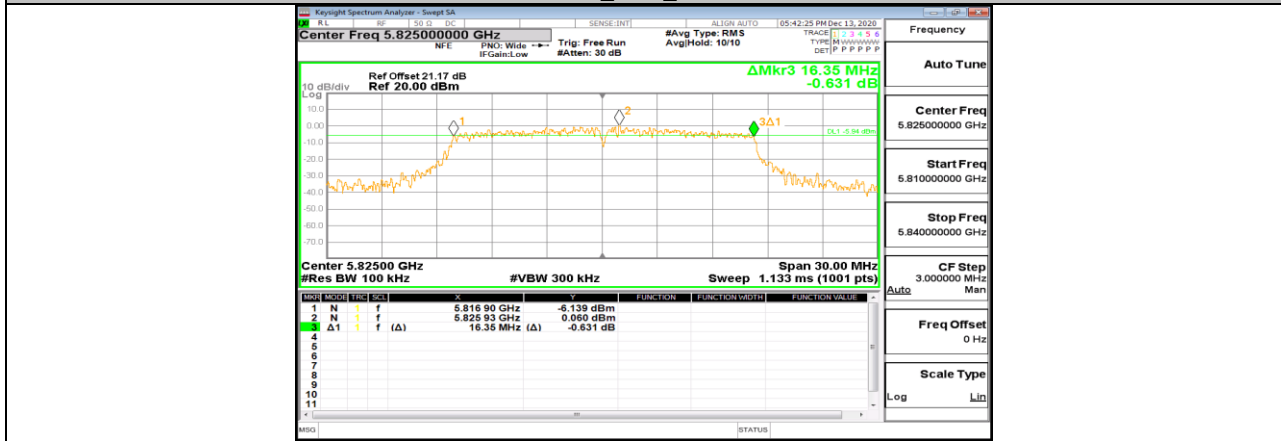


### 12.3.2. Test Graphs

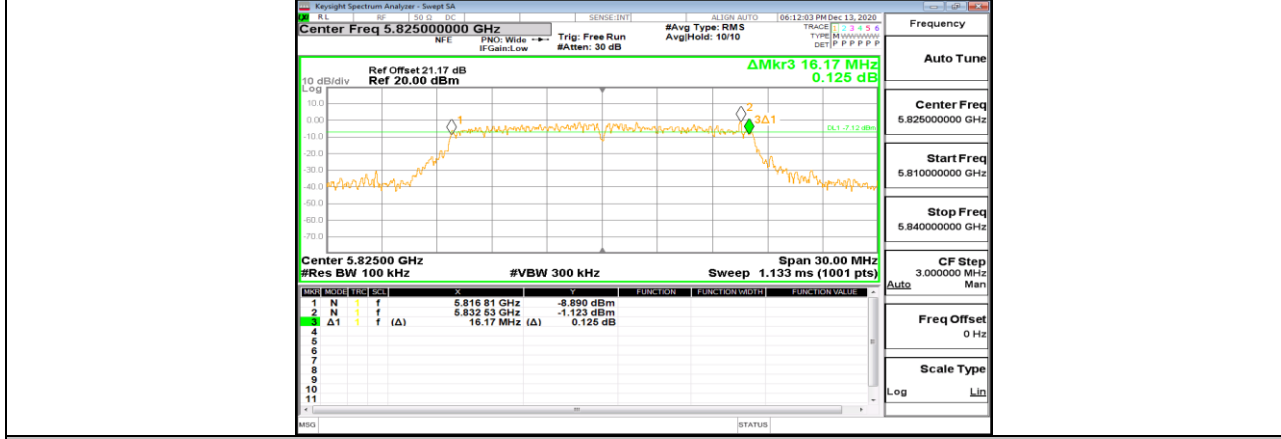




11A\_Ant2\_5785



11A\_Ant1\_5825



11A\_Ant2\_5825



11N20MIMO\_Ant1\_5745



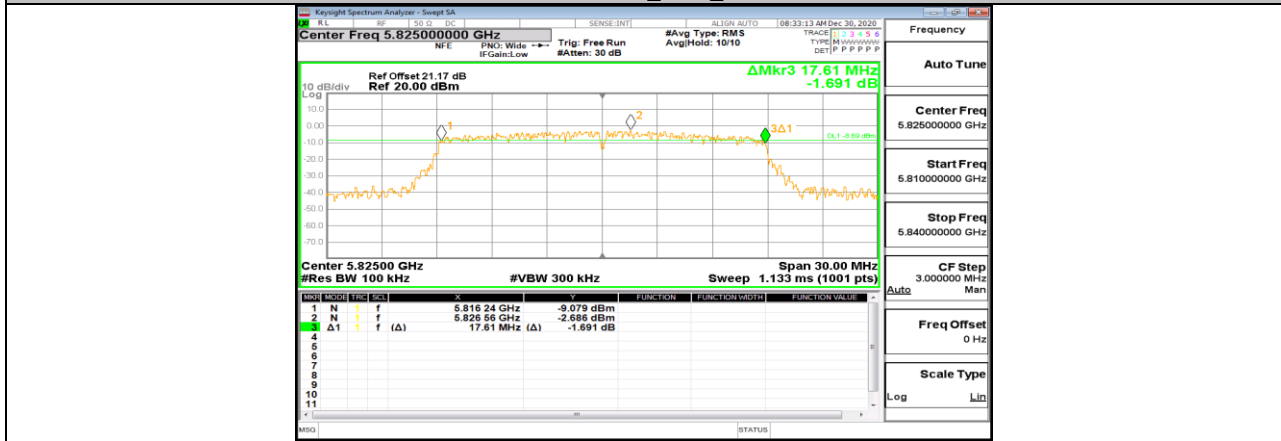
11N20MIMO\_Ant2\_5745



11N20MIMO\_Ant1\_5785



11N20MIMO\_Ant2\_5785



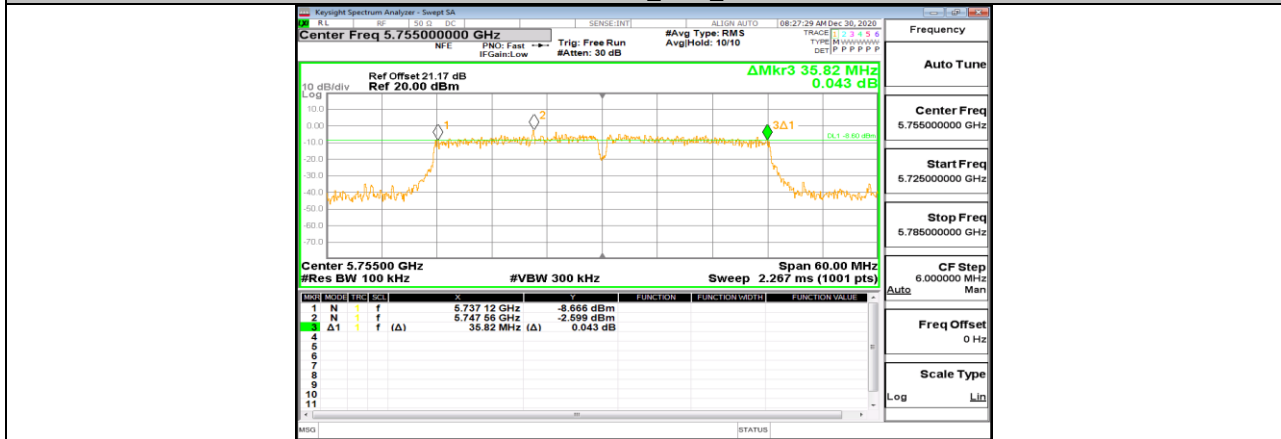
11N20MIMO\_Ant1\_5825



11N20MIMO\_Ant2\_5825



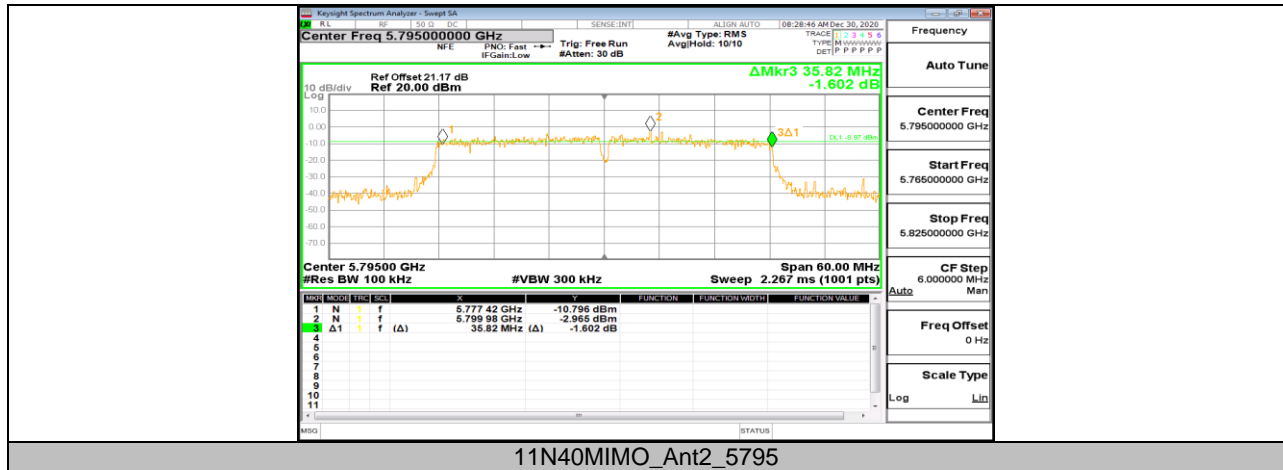
11N40MIMO\_Ant1\_5755



11N40MIMO\_Ant2\_5755



11N40MIMO\_Ant1\_5795



**12.4. Appendix B: Maximum AVG conducted output power**  
**12.4.1. Test Result**

Test Mode	Antenna	Channel	Power [dBm]	FCC Limit [dBm]	ISED Limit [dBm]	EIRP [dBm]	Limit [dBm]	Verdict
11A	Ant1	5180	15.14	<=23.98	---	19.14	<=22.17	PASS
	Ant2	5180	14.17	<=23.98	---	18.17	<=22.20	PASS
	Ant1	5200	15.31	<=23.98	---	19.31	<=22.20	PASS
	Ant2	5200	14.35	<=23.98	---	18.35	<=22.18	PASS
	Ant1	5240	14.95	<=23.98	---	18.95	<=22.19	PASS
	Ant2	5240	14.11	<=23.98	---	17.97	<=22.17	PASS
	Ant1	5745	14.81	<=30	<=30	---	---	PASS
	Ant2	5745	14.12	<=30	<=30	---	---	PASS
	Ant1	5785	14.01	<=30	<=30	---	---	PASS
	Ant2	5785	13.80	<=30	<=30	---	---	PASS
	Ant1	5825	13.32	<=30	<=30	---	---	PASS
Ant2	5825	13.21	<=30	<=30	---	---	PASS	
11N20MIMO	Ant1	5180	10.31	<=22.99	---	14.31	<=22.48	PASS
	Ant2	5180	9.41	<=22.99	---	13.41	<=22.45	PASS
	total	5180	12.89	<=22.99	---	19.90	<=22.45	PASS
	Ant1	5200	10.16	<=22.99	---	14.16	<=22.47	PASS
	Ant2	5200	9.55	<=22.99	---	13.55	<=22.46	PASS
	total	5200	12.88	<=22.99	---	19.89	<=22.46	PASS
	Ant1	5240	9.96	<=22.99	---	13.96	<=22.47	PASS
	Ant2	5240	9.22	<=22.99	---	13.22	<=22.46	PASS
	total	5240	12.62	<=22.99	---	19.63	<=22.46	PASS
	Ant1	5745	13.05	<=28.99	<=28.99	---	---	PASS
	Ant2	5745	13.09	<=28.99	<=28.99	---	---	PASS
	total	5745	16.08	<=28.99	<=28.99	---	---	PASS
	Ant1	5785	12.87	<=28.99	<=28.99	---	---	PASS
	Ant2	5785	12.96	<=28.99	<=28.99	---	---	PASS
	total	5785	15.93	<=28.99	<=28.99	---	---	PASS
Ant1	5825	12.25	<=28.99	<=28.99	---	---	PASS	
Ant2	5825	12.41	<=28.99	<=28.99	---	---	PASS	
total	5825	15.34	<=28.99	<=28.99	---	---	PASS	
11N40MIMO	Ant1	5190	11.85	<=22.99	---	15.85	<=23	PASS
	Ant2	5190	10.76	<=22.99	---	14.76	<=23	PASS
	total	5190	14.35	<=22.99	---	21.36	<=23	PASS
	Ant1	5230	12.23	<=22.99	---	16.23	<=23	PASS
	Ant2	5230	10.74	<=22.99	---	14.74	<=23	PASS
	total	5230	14.56	<=22.99	---	21.57	<=23	PASS
	Ant1	5755	13.79	<=28.99	<=28.99	---	---	PASS
	Ant2	5755	13.31	<=28.99	<=28.99	---	---	PASS
	total	5755	16.57	<=28.99	<=28.99	---	---	PASS
	Ant1	5795	13.33	<=28.99	<=28.99	---	---	PASS
	Ant2	5795	12.94	<=28.99	<=28.99	---	---	PASS
total	5795	16.15	<=28.99	<=28.99	---	---	PASS	

Note : The Duty Cycle Factor is compensated in the graph.

**12.5. Appendix C: Maximum power spectral density**  
**12.5.1. Test Result**

Test Mode	Antenna	Channel	Power [dBm/MHz]	Limit [dBm/MHz]	EIRP [dBm/MHz]	Limit [dBm/MHz]	Verdict
11A	Ant1	5180	5.08	<=11	9.08	<=10	PASS
	Ant2	5180	4.21	<=11	8.21	<=10	PASS
	Ant1	5200	5.04	<=11	9.04	<=10	PASS
	Ant2	5200	4.06	<=11	8.06	<=10	PASS
	Ant1	5240	4.78	<=11	8.78	<=10	PASS
	Ant2	5240	3.8	<=11	7.80	<=10	PASS
	Ant1	5745	2.07	<=30	---	---	PASS
	Ant2	5745	1.42	<=30	---	---	PASS
	Ant1	5785	2.06	<=30	---	---	PASS
	Ant2	5785	1.19	<=30	---	---	PASS
11N20MIMO	Ant1	5180	-0.04	<=9.99	3.96	<=10	PASS
	Ant2	5180	-0.97	<=9.99	3.03	<=10	PASS
	total	5180	2.53	<=9.99	9.54	<=10	PASS
	Ant1	5200	-0.4	<=9.99	3.60	<=10	PASS
	Ant2	5200	-0.66	<=9.99	3.34	<=10	PASS
	total	5200	2.48	<=9.99	9.49	<=10	PASS
	Ant1	5240	-0.39	<=9.99	3.61	<=10	PASS
	Ant2	5240	-1.03	<=9.99	2.97	<=10	PASS
	total	5240	2.31	<=9.99	9.32	<=10	PASS
	Ant1	5745	0.38	<=28.99	---	---	PASS
	Ant2	5745	0.15	<=28.99	---	---	PASS
	total	5745	3.28	<=28.99	---	---	PASS
	Ant1	5785	-0.01	<=28.99	---	---	PASS
	Ant2	5785	0.07	<=28.99	---	---	PASS
	total	5785	3.04	<=28.99	---	---	PASS
	11N40MIMO	Ant1	5190	-2.34	<=9.99	1.66	<=10
Ant2		5190	-3.01	<=9.99	0.99	<=10	PASS
total		5190	0.35	<=9.99	7.36	<=10	PASS
Ant1		5230	-1.58	<=9.99	2.42	<=10	PASS
Ant2		5230	-3.22	<=9.99	0.78	<=10	PASS
total		5230	0.69	<=9.99	7.70	<=10	PASS
Ant1		5755	-2.62	<=9.99	---	---	PASS
Ant2		5755	-3.29	<=9.99	---	---	PASS
total		5755	0.07	<=9.99	---	---	PASS
Ant1		5795	-3.02	<=28.99	---	---	PASS
Ant2		5795	-3.59	<=28.99	---	---	PASS
total		5795	-0.29	<=28.99	---	---	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.





### 12.5.2. Test Graphs

