



## 13.2. Appendix A2: Occupied channel bandwidth

### 13.2.1. Test Result

Test Mode	Antenna	Channel	OCB [MHz]	FL[MHz]	FH[MHz]	Verdict
11A	Ant1	5180	16.615	5171.698	5188.313	PASS
	Ant2	5180	16.525	5171.683	5188.208	PASS
	Ant1	5200	16.563	5191.680	5208.243	PASS
	Ant2	5200	16.533	5191.685	5208.218	PASS
	Ant1	5240	16.722	5231.670	5248.392	PASS
	Ant2	5240	16.535	5231.728	5248.263	PASS
	Ant1	5260	16.725	5251.609	5268.334	PASS
	Ant2	5260	16.603	5251.657	5268.260	PASS
	Ant1	5280	16.685	5271.655	5288.340	PASS
	Ant2	5280	16.785	5271.642	5288.427	PASS
	Ant1	5320	16.718	5311.619	5328.337	PASS
	Ant2	5320	16.536	5311.734	5328.270	PASS
	Ant1	5500	16.564	5491.671	5508.235	PASS
	Ant2	5500	16.773	5491.675	5508.448	PASS
	Ant1	5580	16.605	5571.730	5588.335	PASS
	Ant2	5580	16.536	5571.699	5588.235	PASS
	Ant1	5700	16.635	5691.691	5708.326	PASS
	Ant2	5700	16.584	5691.745	5708.329	PASS
	Ant1	5720	16.619	5711.677	5728.296	PASS
	Ant2	5720	16.550	5711.749	5728.299	PASS
	Ant1	5720_UNII-2C	13.323	5711.677	5725	PASS
	Ant2	5720_UNII-2C	13.251	5711.749	5725	PASS
	Ant1	5720_UNII-3	3.296	5725	5728.296	PASS
	Ant2	5720_UNII-3	3.299	5725	5728.299	PASS
	Ant1	5745	16.511	5736.776	5753.287	PASS
	Ant2	5745	16.685	5736.703	5753.388	PASS
	Ant1	5785	16.577	5776.769	5793.346	PASS
	Ant2	5785	16.632	5776.727	5793.359	PASS
11N20MIMO	Ant1	5825	16.576	5816.741	5833.317	PASS
	Ant2	5825	16.634	5816.657	5833.291	PASS
	Ant1	5180	17.642	5171.161	5188.803	PASS
	Ant2	5180	17.723	5171.460	5189.183	PASS
	Ant1	5200	17.663	5191.508	5209.171	PASS
	Ant2	5200	17.673	5191.530	5209.203	PASS
	Ant1	5240	17.678	5231.524	5249.202	PASS
	Ant2	5240	17.717	5231.488	5249.205	PASS
	Ant1	5260	17.704	5251.508	5269.212	PASS
	Ant2	5260	17.672	5251.598	5269.270	PASS
	Ant1	5280	17.657	5271.583	5289.240	PASS
	Ant2	5280	17.766	5271.552	5289.318	PASS
	Ant1	5320	17.720	5311.557	5329.277	PASS
	Ant2	5320	17.706	5311.591	5329.297	PASS
	Ant1	5500	17.616	5491.553	5509.169	PASS
	Ant2	5500	17.732	5491.613	5509.345	PASS
	Ant1	5580	17.702	5571.655	5589.357	PASS
	Ant2	5580	17.672	5571.667	5589.339	PASS
	Ant1	5700	17.632	5691.670	5709.302	PASS
	Ant2	5700	17.670	5691.715	5709.385	PASS
	Ant1	5720	17.824	5711.628	5729.452	PASS
	Ant2	5720	17.739	5711.682	5729.421	PASS
	Ant1	5720_UNII-2C	13.372	5711.628	5725	PASS
	Ant2	5720_UNII-2C	13.318	5711.682	5725	PASS

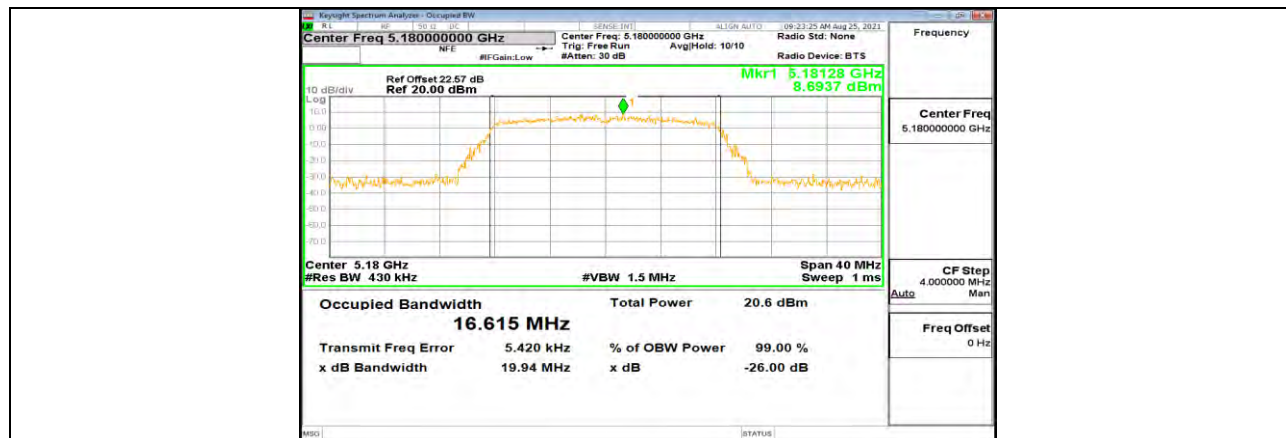


	Ant1	5720 UNII-3	4.452	5725	5729.452	PASS
	Ant2	5720 UNII-3	4.421	5725	5729.421	PASS
	Ant1	5745	17.803	5736.576	5754.379	PASS
	Ant2	5745	17.683	5736.716	5754.399	PASS
	Ant1	5785	17.801	5776.598	5794.399	PASS
	Ant2	5785	17.688	5776.752	5794.440	PASS
	Ant1	5825	17.933	5816.410	5834.343	PASS
	Ant2	5825	17.851	5816.444	5834.295	PASS
11N40MIMO	Ant1	5190	36.112	5171.919	5208.031	PASS
	Ant2	5190	36.217	5172.084	5208.301	PASS
	Ant1	5230	36.150	5212.092	5248.242	PASS
	Ant2	5230	36.208	5212.182	5248.390	PASS
	Ant1	5270	36.113	5252.160	5288.273	PASS
	Ant2	5270	35.931	5252.286	5288.217	PASS
	Ant1	5310	36.141	5292.100	5328.241	PASS
	Ant2	5310	36.138	5292.127	5328.265	PASS
	Ant1	5510	36.071	5492.138	5528.209	PASS
	Ant2	5510	36.029	5492.007	5528.036	PASS
	Ant1	5550	36.123	5532.079	5568.202	PASS
	Ant2	5550	35.930	5532.217	5568.147	PASS
	Ant1	5670	36.142	5652.076	5688.218	PASS
	Ant2	5670	36.149	5652.157	5688.306	PASS
	Ant1	5710	36.146	5692.164	5728.310	PASS
	Ant2	5710	36.012	5692.267	5728.279	PASS
	Ant1	5710 UNII-2C	32.836	5692.164	5725	PASS
	Ant2	5710 UNII-2C	32.733	5692.267	5725	PASS
	Ant1	5710 UNII-3	3.31	5725	5728.310	PASS
	Ant2	5710 UNII-3	3.279	5725	5728.279	PASS
	Ant1	5755	36.154	5737.193	5773.347	PASS
	Ant2	5755	36.276	5737.048	5773.324	PASS
	Ant1	5795	36.298	5777.102	5813.400	PASS
	Ant2	5795	36.173	5777.207	5813.380	PASS
11AC20MIMO	Ant1	5180	17.592	5171.304	5188.896	PASS
	Ant2	5180	17.666	5171.333	5188.999	PASS
	Ant1	5200	17.666	5191.378	5209.044	PASS
	Ant2	5200	17.681	5191.343	5209.024	PASS
	Ant1	5240	17.658	5231.359	5249.017	PASS
	Ant2	5240	17.624	5231.412	5249.036	PASS
	Ant1	5260	17.655	5251.340	5268.995	PASS
	Ant2	5260	17.715	5251.386	5269.101	PASS
	Ant1	5280	17.665	5271.327	5288.992	PASS
	Ant2	5280	17.681	5271.323	5289.004	PASS
	Ant1	5320	17.575	5311.402	5328.977	PASS
	Ant2	5320	17.581	5311.401	5328.982	PASS
	Ant1	5500	17.612	5491.405	5509.017	PASS
	Ant2	5500	17.581	5491.448	5509.029	PASS
	Ant1	5580	17.739	5571.380	5589.119	PASS
	Ant2	5580	17.748	5571.394	5589.142	PASS
	Ant1	5700	17.689	5691.386	5709.075	PASS
	Ant2	5700	17.671	5691.446	5709.117	PASS
	Ant1	5720	17.674	5711.429	5729.103	PASS
	Ant2	5720	17.689	5711.461	5729.150	PASS
	Ant1	5720 UNII-2C	13.571	5711.429	5725	PASS
	Ant2	5720 UNII-2C	13.539	5711.461	5725	PASS
	Ant1	5720 UNII-3	4.103	5725	5729.103	PASS
	Ant2	5720 UNII-3	4.15	5725	5729.150	PASS
	Ant1	5745	17.700	5736.429	5754.129	PASS
	Ant2	5745	17.660	5736.390	5754.050	PASS
	Ant1	5785	17.835	5776.326	5794.161	PASS
	Ant2	5785	17.687	5776.418	5794.105	PASS



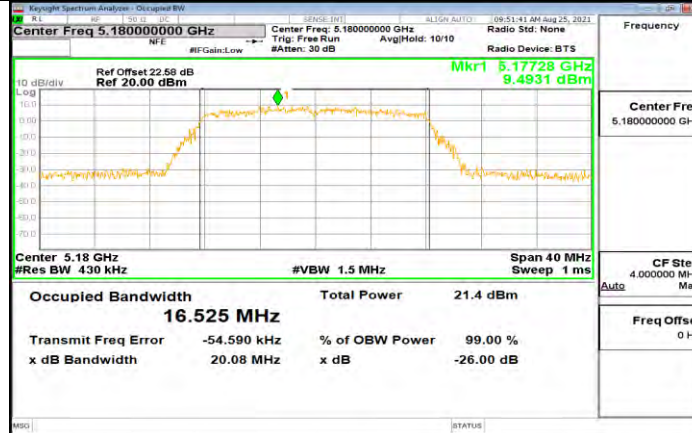
	Ant1	5825	17.796	5816.380	5834.176	PASS
	Ant2	5825	17.685	5816.410	5834.095	PASS
11AC40MIMO	Ant1	5190	36.078	5172.044	5208.122	PASS
	Ant2	5190	36.202	5172.046	5208.248	PASS
	Ant1	5230	36.063	5212.199	5248.262	PASS
	Ant2	5230	36.117	5212.202	5248.319	PASS
	Ant1	5270	36.005	5252.180	5288.185	PASS
	Ant2	5270	36.105	5252.242	5288.347	PASS
	Ant1	5310	36.081	5292.202	5328.283	PASS
	Ant2	5310	36.243	5292.160	5328.403	PASS
	Ant1	5510	35.952	5492.319	5528.271	PASS
	Ant2	5510	36.070	5492.245	5528.315	PASS
	Ant1	5550	36.176	5532.230	5568.406	PASS
	Ant2	5550	36.034	5532.302	5568.336	PASS
	Ant1	5670	36.076	5652.225	5688.301	PASS
	Ant2	5670	36.085	5652.208	5688.293	PASS
	Ant1	5710	36.151	5692.255	5728.406	PASS
	Ant2	5710	36.120	5692.277	5728.397	PASS
	Ant1	5710 UNII-2C	32.745	5692.255	5725	PASS
	Ant2	5710 UNII-2C	32.723	5692.277	5725	PASS
	Ant1	5710 UNII-3	3.406	5725	5728.406	PASS
	Ant2	5710 UNII-3	3.397	5725	5728.397	PASS
	Ant1	5755	36.115	5737.258	5773.373	PASS
	Ant2	5755	36.072	5737.273	5773.345	PASS
	Ant1	5795	36.199	5776.982	5813.181	PASS
	Ant2	5795	36.096	5777.007	5813.103	PASS
11AC80MIMO	Ant1	5210	75.495	5172.212	5247.707	PASS
	Ant2	5210	75.636	5172.171	5247.807	PASS
	Ant1	5290	75.377	5252.321	5327.698	PASS
	Ant2	5290	75.651	5252.226	5327.877	PASS
	Ant1	5530	75.250	5492.324	5567.574	PASS
	Ant2	5530	75.619	5492.252	5567.871	PASS
	Ant1	5610	75.835	5572.161	5647.996	PASS
	Ant2	5610	75.459	5572.343	5647.802	PASS
	Ant1	5690	75.787	5652.199	5727.986	PASS
	Ant2	5690	75.646	5652.290	5727.936	PASS
	Ant1	5690 UNII-2C	72.801	5652.199	5725	PASS
	Ant2	5690 UNII-2C	72.71	5652.290	5725	PASS
	Ant1	5690 UNII-3	2.986	5725	5727.986	PASS
	Ant2	5690 UNII-3	2.936	5725	5727.936	PASS
	Ant1	5775	75.543	5737.352	5812.895	PASS
	Ant2	5775	75.564	5737.331	5812.895	PASS

### 13.2.2. Test Graphs

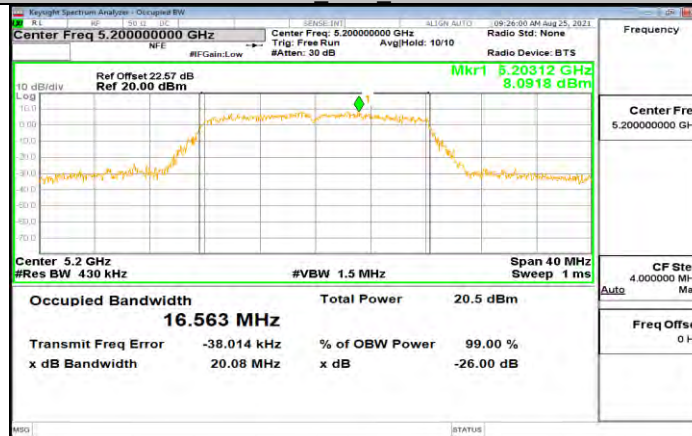




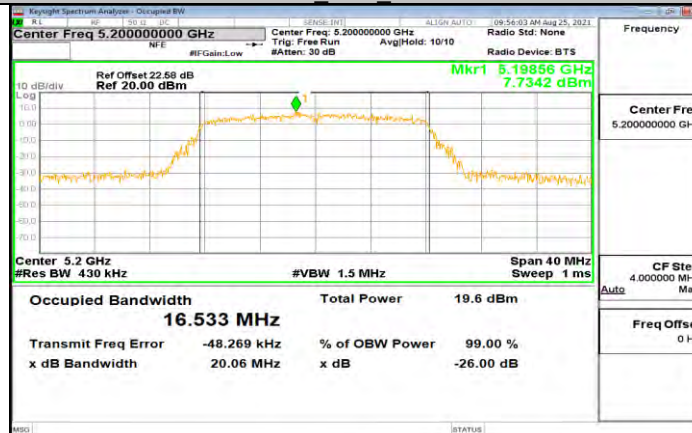
11A\_Ant1\_5180



11A\_Ant2\_5180



11A\_Ant1\_5200



11A\_Ant2\_5200



























































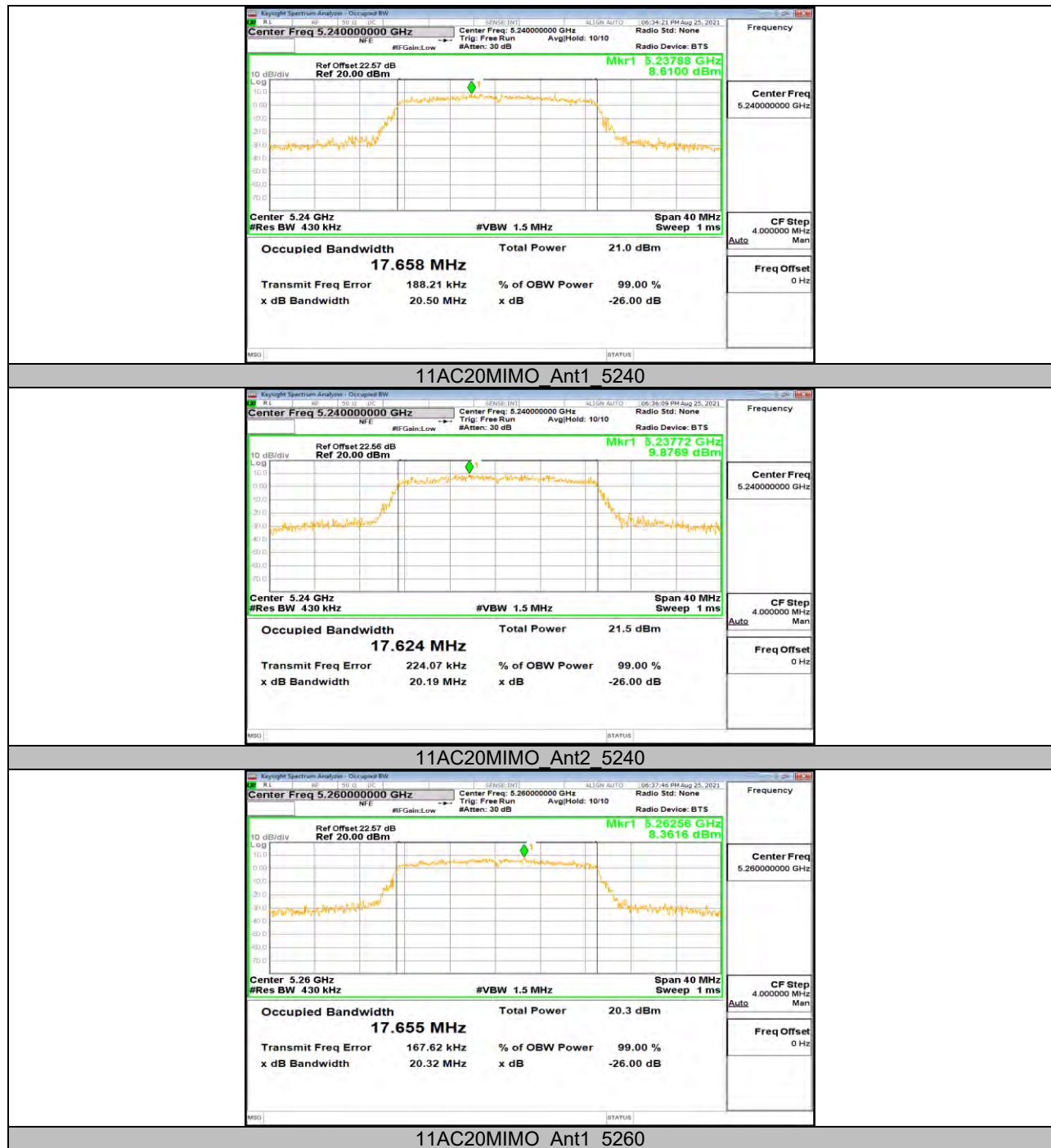








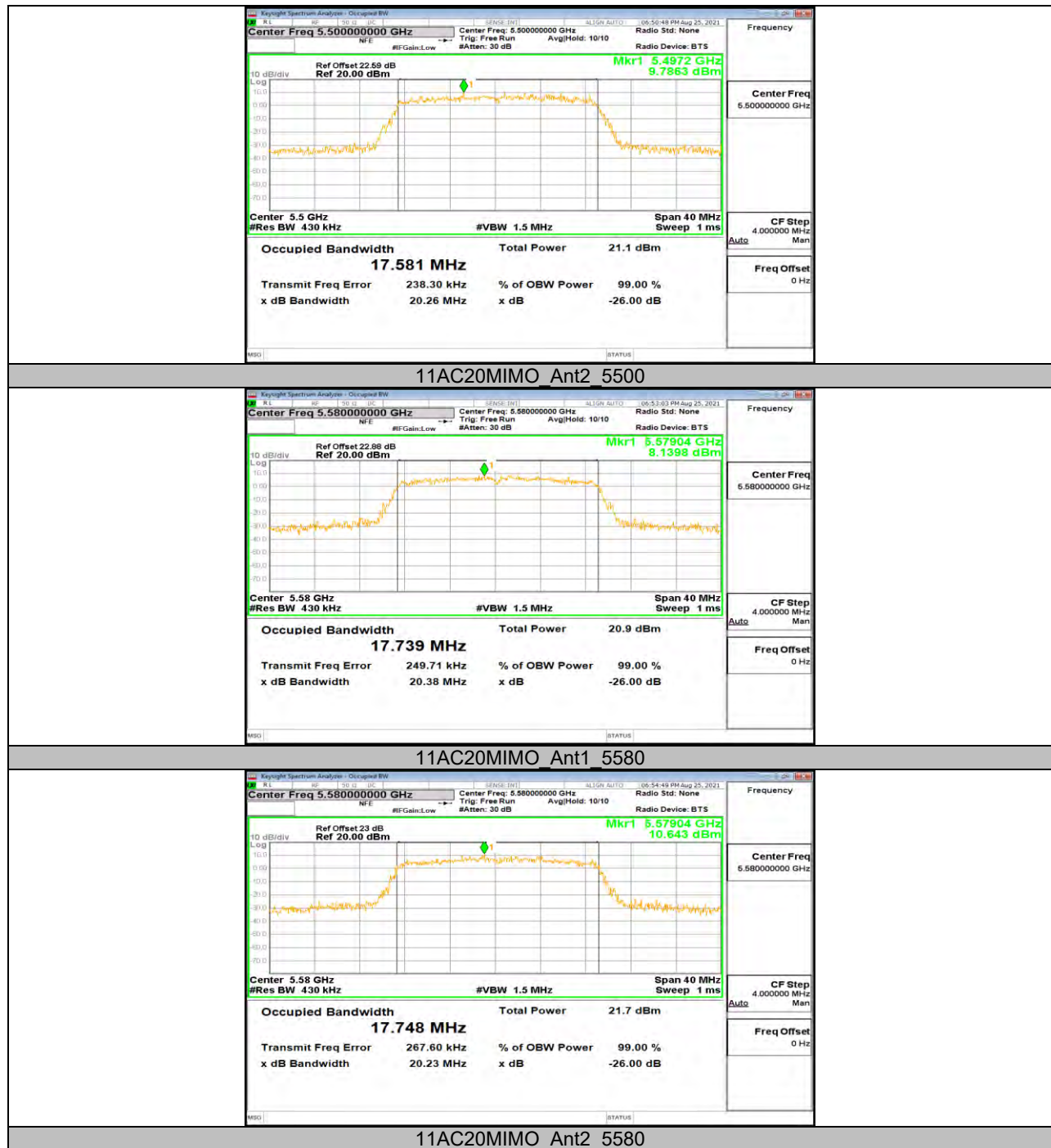


































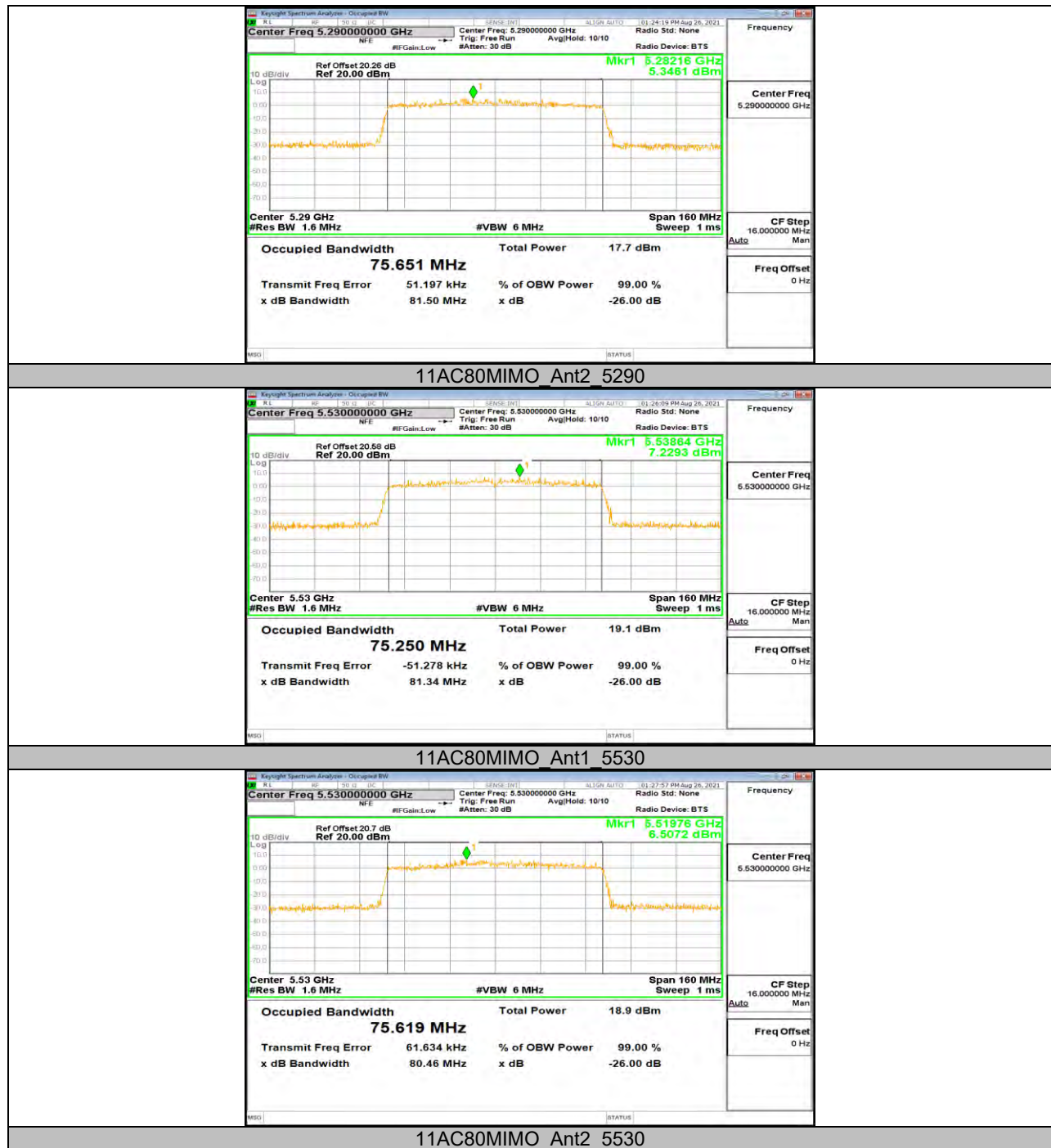


















**13.3. Appendix A3: Min emission bandwidth****13.3.1. Test Result**

Test Mode	Antenna	Channel	6db EBW [MHz]	FL[MHz]	FH[MHz]	Limit[MHz]	Verdict
11A	Ant1	5720 <sub>3</sub> UNII-	3.2	5725	5728.200	0.5	PASS
	Ant2	5720 <sub>3</sub> UNII-	3.24	5725	5728.240	0.5	PASS
	Ant1	5745	16.400	5736.800	5753.200	0.5	PASS
	Ant2	5745	16.120	5736.840	5752.960	0.5	PASS
	Ant1	5785	16.160	5777.040	5793.200	0.5	PASS
	Ant2	5785	16.440	5776.800	5793.240	0.5	PASS
	Ant1	5825	15.960	5817.200	5833.160	0.5	PASS
	Ant2	5825	16.360	5816.840	5833.200	0.5	PASS
11N20MIMO	Ant1	5720 <sub>3</sub> UNII-	4.32	5725	5729.320	0.5	PASS
	Ant2	5720 <sub>3</sub> UNII-	4.32	5725	5729.320	0.5	PASS
	Ant1	5745	17.000	5737.320	5754.320	0.5	PASS
	Ant2	5745	17.160	5736.600	5753.760	0.5	PASS
	Ant1	5785	17.640	5776.600	5794.240	0.5	PASS
	Ant2	5785	17.640	5776.680	5794.320	0.5	PASS
	Ant1	5825	17.640	5816.560	5834.200	0.5	PASS
	Ant2	5825	17.160	5816.760	5833.920	0.5	PASS
11N40MIMO	Ant1	5710 <sub>3</sub> UNII-	2.76	5725	5727.760	0.5	PASS
	Ant2	5710 <sub>3</sub> UNII-	2.84	5725	5727.840	0.5	PASS
	Ant1	5755	35.440	5737.320	5772.760	0.5	PASS
	Ant2	5755	35.840	5737.000	5772.840	0.5	PASS
	Ant1	5795	36.480	5776.920	5813.400	0.5	PASS
	Ant2	5795	36.160	5777.000	5813.160	0.5	PASS
11AC20MIMO	Ant1	5720 <sub>3</sub> UNII-	3.44	5725	5728.440	0.5	PASS
	Ant2	5720 <sub>3</sub> UNII-	4.12	5725	5729.120	0.5	PASS
	Ant1	5745	16.960	5736.840	5753.800	0.5	PASS
	Ant2	5745	16.960	5736.480	5753.440	0.5	PASS
	Ant1	5785	17.600	5776.400	5794.000	0.5	PASS
	Ant2	5785	16.760	5776.720	5793.480	0.5	PASS
	Ant1	5825	17.520	5816.560	5834.080	0.5	PASS
	Ant2	5825	16.640	5817.440	5834.080	0.5	PASS
11AC40MIMO	Ant1	5710 <sub>3</sub> UNII-	2.84	5725	5727.840	0.5	PASS
	Ant2	5710 <sub>3</sub> UNII-	2.92	5725	5727.920	0.5	PASS
	Ant1	5755	35.120	5737.560	5772.680	0.5	PASS
	Ant2	5755	35.840	5737.640	5773.480	0.5	PASS
	Ant1	5795	35.280	5777.480	5812.760	0.5	PASS
	Ant2	5795	35.280	5777.400	5812.680	0.5	PASS
11AC80MIMO	Ant1	5690 <sub>3</sub> UNII-	2.76	5725	5727.760	0.5	PASS
	Ant2	5690 <sub>3</sub> UNII-	2.76	5725	5727.760	0.5	PASS
	Ant1	5775	76.160	5737.240	5813.400	0.5	PASS
	Ant2	5775	75.520	5737.400	5812.920	0.5	PASS





### 13.3.2. Test Graphs







11A Ant1 5825



11A Ant2 5825



11N20MIMO\_Ant1\_5720\_UHII-3



























