Appendix Test Data

Report No.:	1812C40014612504	Test Sample No.:	1-2-2
Start Test Date:	2024.10.12	Finish Test Date:	2024.10.12
Test Engineer:	Joker Huang	Auditor:	Justin Feng
Temperature:	22.4℃	Relative Humidity:	52%
Pressure:	101kPa		

Appendix A1: 26dB Bandwidth

Test Result

TestMode	Antenna	Frequency[MHz]	26db EBW [MHz]	FL[MHz]	FH[MHz]	Limit[MHz]	Verdict
11A	Ant1	5180	19.960	5170.040	5190.000	---	---
11A	Ant2	5180	19.960	5170.120	5190.080	---	---
11A	Ant1	5200	19.800	5190.120	5209.920	---	---
11A	Ant2	5200	19.800	5190.280	5210.080	---	---
11A	Ant1	5240	19.640	5230.320	5249.960	---	---
11A	Ant2	5240	20.000	5230.080	5250.080	---	---
11A	Ant1	5745	19.560	5735.240	5754.800	---	---
11A	Ant2	5745	19.720	5735.200	5754.920	---	---
11A	Ant1	5785	20.000	5775.040	5795.040	---	---
11A	Ant2	5785	19.560	5775.200	5794.760	---	---
11A	Ant1	5825	19.800	5815.080	5834.880	---	---
11A	Ant2	5825	19.800	5815.040	5834.840	---	---
11N20MIMO	Ant1	5180	20.320	5169.840	5190.160	---	---
11N20MIMO	Ant2	5180	20.280	5169.920	5190.200	---	---
11N20MIMO	Ant1	5200	20.120	5189.920	5210.040	---	---
11N20MIMO	Ant2	5200	20.040	5190.040	5210.080	---	---
11N20MIMO	Ant1	5240	20.280	5229.840	5250.120	---	---
11N20MIMO	Ant2	5240	19.920	5230.120	5250.040	---	---
11N20MIMO	Ant1	5745	20.080	5734.960	5755.040	---	---
11N20MIMO	Ant2	5745	20.040	5735.000	5755.040	---	---
11N20MIMO	Ant1	5785	19.920	5775.080	5795.000	---	---
11N20MIMO	Ant2	5785	20.160	5774.960	5795.120	---	---

11N20MIMO	Ant1	5825	20.360	5814.880	5835.240	---	---
11N20MIMO	Ant2	5825	20.120	5814.880	5835.000	---	---
11N40MIMO	Ant1	5190	40.000	5170.240	5210.240	---	---
11N40MIMO	Ant2	5190	40.320	5169.840	5210.160	---	---
11N40MIMO	Ant1	5230	40.640	5209.600	5250.240	---	---
11N40MIMO	Ant2	5230	40.160	5210.000	5250.160	---	---
11N40MIMO	Ant1	5755	40.640	5734.760	5775.400	---	---
11N40MIMO	Ant2	5755	40.880	5734.760	5775.640	---	---
11N40MIMO	Ant1	5795	40.400	5774.840	5815.240	---	---
11N40MIMO	Ant2	5795	40.480	5774.760	5815.240	---	---
11AC20MIMO	Ant1	5180	20.080	5169.920	5190.000	---	---
11AC20MIMO	Ant2	5180	20.040	5170.040	5190.080	---	---
11AC20MIMO	Ant1	5200	20.400	5189.960	5210.360	---	---
11AC20MIMO	Ant2	5200	20.280	5189.840	5210.120	---	---
11AC20MIMO	Ant1	5240	20.080	5230.000	5250.080	---	---
11AC20MIMO	Ant2	5240	20.160	5229.920	5250.080	---	---
11AC20MIMO	Ant1	5745	20.360	5734.920	5755.280	---	---
11AC20MIMO	Ant2	5745	20.040	5735.040	5755.080	---	---
11AC20MIMO	Ant1	5785	20.120	5775.040	5795.160	---	---
11AC20MIMO	Ant2	5785	20.200	5774.840	5795.040	---	---
11AC20MIMO	Ant1	5825	20.280	5814.840	5835.120	---	---
11AC20MIMO	Ant2	5825	20.200	5814.960	5835.160	---	---
11AC40MIMO	Ant1	5190	40.160	5170.000	5210.160	---	---
11AC40MIMO	Ant2	5190	40.160	5169.840	5210.000	---	---
11AC40MIMO	Ant1	5230	40.240	5209.920	5250.160	---	---
11AC40MIMO	Ant2	5230	40.480	5209.920	5250.400	---	---
11AC40MIMO	Ant1	5755	40.000	5734.920	5774.920	---	---
11AC40MIMO	Ant2	5755	40.560	5734.600	5775.160	---	---
11AC40MIMO	Ant1	5795	40.400	5774.680	5815.080	---	---
11AC40MIMO	Ant2	5795	40.000	5775.160	5815.160	---	---
11AC80MIMO	Ant1	5210	80.640	5170.000	5250.640	---	---
11AC80MIMO	Ant2	5210	80.800	5169.680	5250.480	---	---
11AC80MIMO	Ant1	5775	80.800	5734.520	5815.320	---	---
11AC80MIMO	Ant2	5775	80.480	5734.680	5815.160	---	---

Test Graphs

11A-Ant1-5180

11A-Ant2-5180

11A-Ant1-5200

11A-Ant2-5200

11A-Ant1-5240

11A-Ant2-5240

11A-Ant1-5745

11A-Ant2-5745

11A-Ant1-5785

11A-Ant2-5785

11A-Ant1-5825

11A-Ant2-5825

11N20MIMO-Ant1-5180

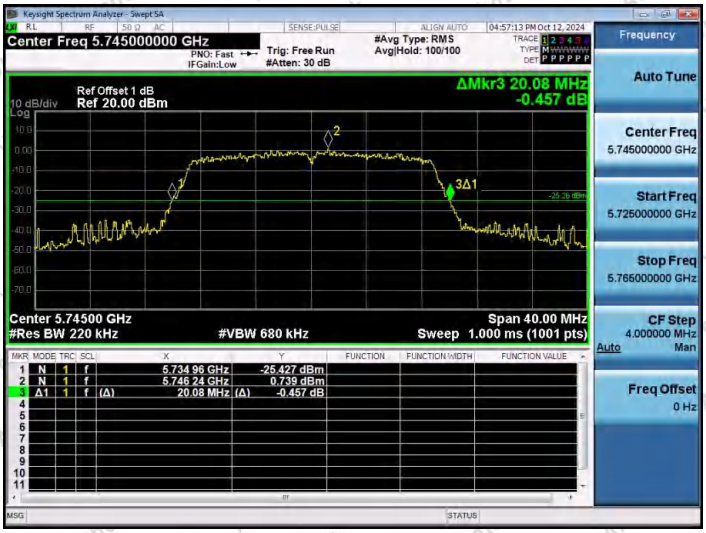
11N20MIMO-Ant2-5180

11N20MIMO-Ant1-5200

11N20MIMO-Ant2-5200

11N20MIMO-Ant1-5240

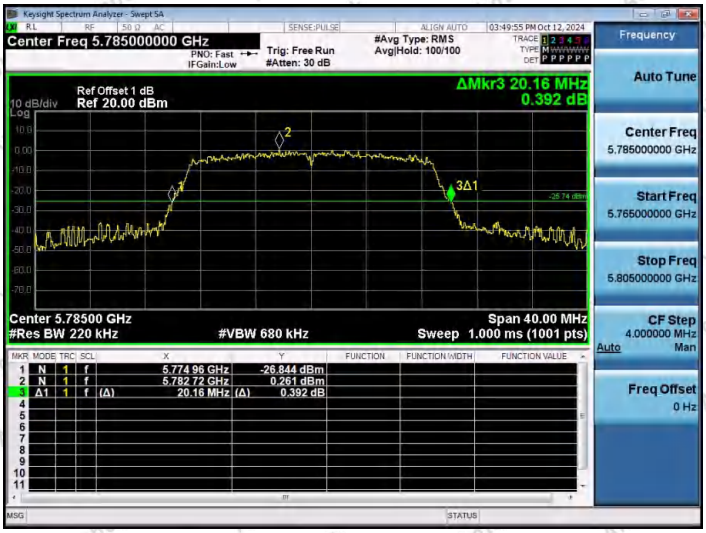
11N20MIMO-Ant2-5240



11N20MIMO-Ant1-5745

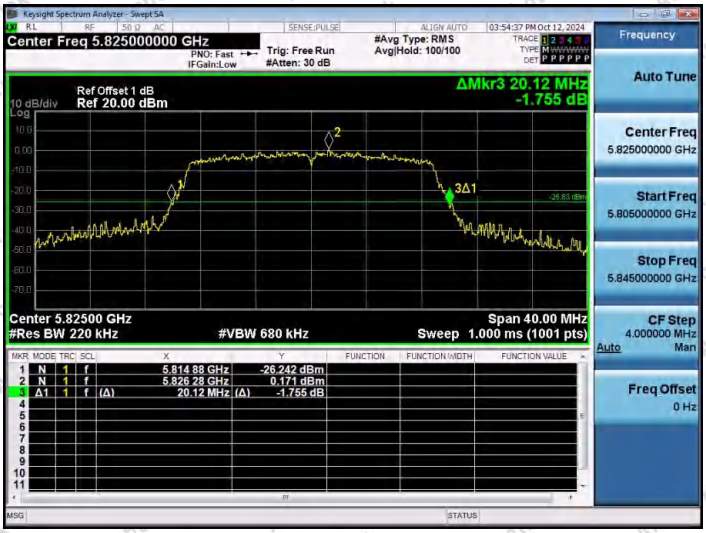
11N20MIMO-Ant2-5745

11N20MIMO-Ant1-5785



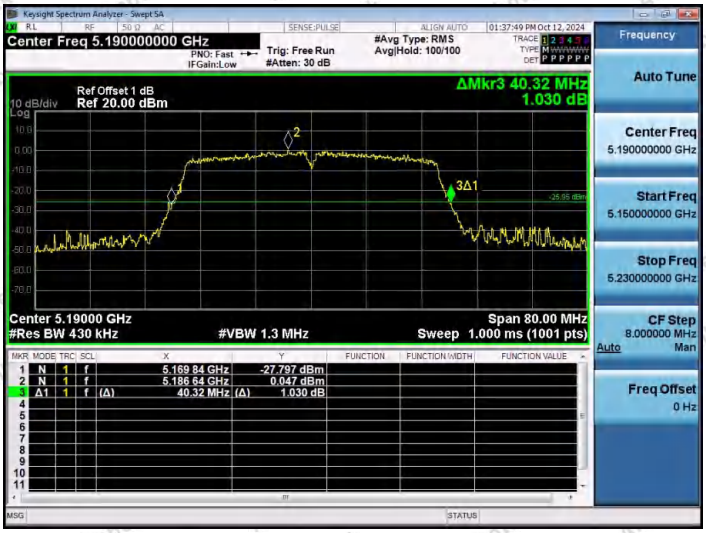
11N20MIMO-Ant2-5785

11N20MIMO-Ant1-5825



11N20MIMO-Ant2-5825

11N40MIMO-Ant1-5190



11N40MIMO-Ant2-5190

11N40MIMO-Ant1-5230

11N40MIMO-Ant2-5230

11N40MIMO-Ant1-5755

11N40MIMO-Ant2-5755

11N40MIMO-Ant1-5795

11N40MIMO-Ant2-5795

11AC20MIMO-Ant1-5180

11AC20MIMO-Ant2-5180

11AC20MIMO-Ant1-5200

11AC20MIMO-Ant2-5200

11AC20MIMO-Ant1-5240

11AC20MIMO-Ant2-5240

11AC20MIMO-Ant1-5745

11AC20MIMO-Ant2-5745

11AC20MIMO-Ant1-5785

11AC20MIMO-Ant2-5785

11AC20MIMO-Ant1-5825

11AC20MIMO-Ant2-5825

11AC40MIMO-Ant1-5190

11AC40MIMO-Ant2-5190

11AC40MIMO-Ant1-5230

11AC40MIMO-Ant2-5230

11AC40MIMO-Ant1-5755

11AC40MIMO-Ant2-5755

11AC40MIMO-Ant1-5795

11AC40MIMO-Ant2-5795

11AC80MIMO-Ant1-5210

11AC80MIMO-Ant2-5210

11AC80MIMO-Ant1-5775

11AC80MIMO-Ant2-5775

Appendix A2: 99% Occupied Bandwidth

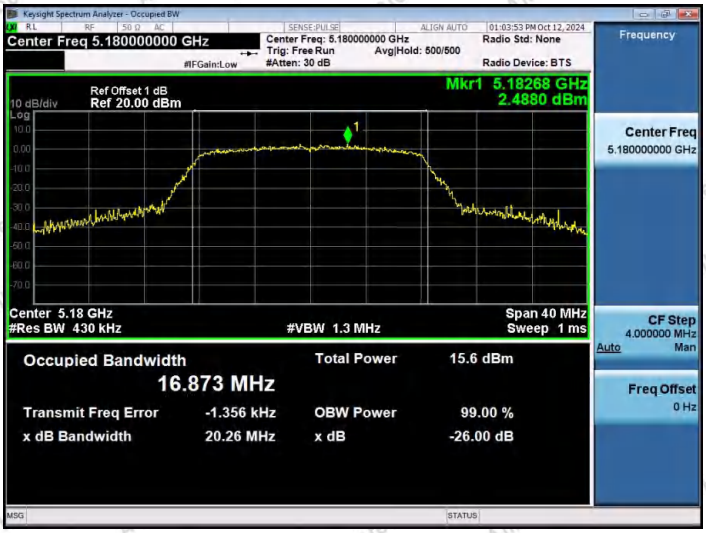
Test Result

TestMode	Antenna	Frequency[MHz]	OCB [MHz]	FL[MHz]	FH[MHz]	Limit[MHz]	Verdict
11A	Ant1	5180	16.861	5171.5937	5188.4547	---	---
11A	Ant2	5180	16.873	5171.5621	5188.4351	---	---
11A	Ant1	5200	16.851	5191.5930	5208.4440	---	---
11A	Ant2	5200	16.881	5191.5739	5208.4549	---	---
11A	Ant1	5240	16.867	5231.6148	5248.4818	---	---
11A	Ant2	5240	16.905	5231.5549	5248.4599	---	---
11A	Ant1	5745	16.944	5736.5210	5753.4650	---	---
11A	Ant2	5745	16.875	5736.5748	5753.4498	---	---
11A	Ant1	5785	16.910	5776.5725	5793.4825	---	---
11A	Ant2	5785	16.905	5776.5589	5793.4639	---	---
11A	Ant1	5825	16.936	5816.5789	5833.5149	---	---
11A	Ant2	5825	16.862	5816.5917	5833.4537	---	---
11N20MIMO	Ant1	5180	17.864	5171.0954	5188.9594	---	---
11N20MIMO	Ant2	5180	17.803	5171.1330	5188.9360	---	---
11N20MIMO	Ant1	5200	17.863	5191.0928	5208.9558	---	---
11N20MIMO	Ant2	5200	17.842	5191.1272	5208.9692	---	---
11N20MIMO	Ant1	5240	17.843	5231.1007	5248.9437	---	---
11N20MIMO	Ant2	5240	17.833	5231.1046	5248.9376	---	---
11N20MIMO	Ant1	5745	17.846	5736.1070	5753.9530	---	---
11N20MIMO	Ant2	5745	17.848	5736.1163	5753.9643	---	---
11N20MIMO	Ant1	5785	17.839	5776.1036	5793.9426	---	---
11N20MIMO	Ant2	5785	17.875	5776.0943	5793.9693	---	---
11N20MIMO	Ant1	5825	17.872	5816.0901	5833.9621	---	---
11N20MIMO	Ant2	5825	17.872	5816.0662	5833.9382	---	---
11N40MIMO	Ant1	5190	36.334	5171.8970	5208.2310	---	---
11N40MIMO	Ant2	5190	36.282	5171.9335	5208.2155	---	---
11N40MIMO	Ant1	5230	36.218	5211.9687	5248.1867	---	---
11N40MIMO	Ant2	5230	36.227	5211.9732	5248.2002	---	---
11N40MIMO	Ant1	5755	36.314	5736.8509	5773.1649	---	---
11N40MIMO	Ant2	5755	36.358	5736.8273	5773.1853	---	---
11N40MIMO	Ant1	5795	36.292	5776.9167	5813.2087	---	---
11N40MIMO	Ant2	5795	36.336	5776.9032	5813.2392	---	---
11AC20MIMO	Ant1	5180	17.829	5171.1417	5188.9707	---	---
11AC20MIMO	Ant2	5180	17.816	5171.1234	5188.9394	---	---
11AC20MIMO	Ant1	5200	17.830	5191.1302	5208.9602	---	---
11AC20MIMO	Ant2	5200	17.814	5191.1286	5208.9426	---	---
11AC20MIMO	Ant1	5240	17.842	5231.0836	5248.9256	---	---

11AC20MIMO	Ant2	5240	17.891	5231.0791	5248.9701	---	---
11AC20MIMO	Ant1	5745	17.815	5736.0869	5753.9019	---	---
11AC20MIMO	Ant2	5745	17.827	5736.1026	5753.9296	---	---
11AC20MIMO	Ant1	5785	17.841	5776.1064	5793.9474	---	---
11AC20MIMO	Ant2	5785	17.839	5776.1208	5793.9598	---	---
11AC20MIMO	Ant1	5825	17.847	5816.1134	5833.9604	---	---
11AC20MIMO	Ant2	5825	17.863	5816.0954	5833.9584	---	---
11AC40MIMO	Ant1	5190	36.220	5171.9520	5208.1720	---	---
11AC40MIMO	Ant2	5190	36.246	5171.9679	5208.2139	---	---
11AC40MIMO	Ant1	5230	36.247	5211.9139	5248.1609	---	---
11AC40MIMO	Ant2	5230	36.316	5211.9189	5248.2349	---	---
11AC40MIMO	Ant1	5755	36.185	5736.9472	5773.1322	---	---
11AC40MIMO	Ant2	5755	36.226	5736.9038	5773.1298	---	---
11AC40MIMO	Ant1	5795	36.244	5776.9247	5813.1687	---	---
11AC40MIMO	Ant2	5795	36.250	5776.9169	5813.1669	---	---
11AC80MIMO	Ant1	5210	75.188	5172.5891	5247.7771	---	---
11AC80MIMO	Ant2	5210	75.243	5172.5446	5247.7876	---	---
11AC80MIMO	Ant1	5775	75.272	5737.3724	5812.6444	---	---
11AC80MIMO	Ant2	5775	75.276	5737.3753	5812.6513	---	---

Test Graphs

11A-Ant1-5180



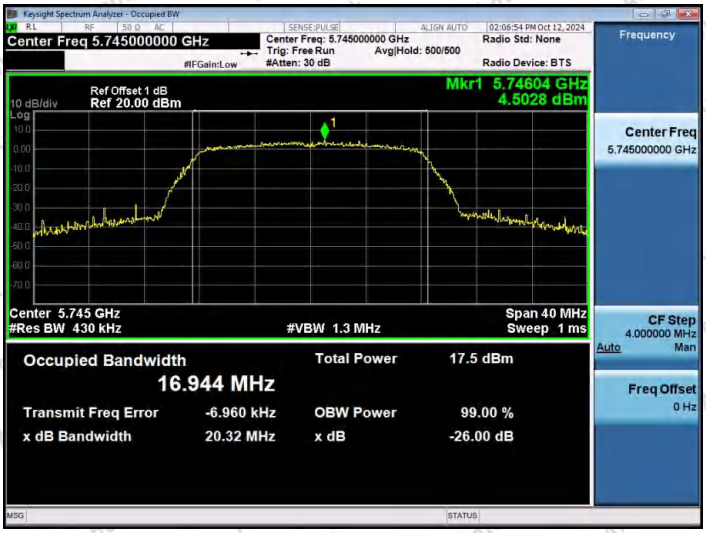
11A-Ant2-5180

11A-Ant1-5200

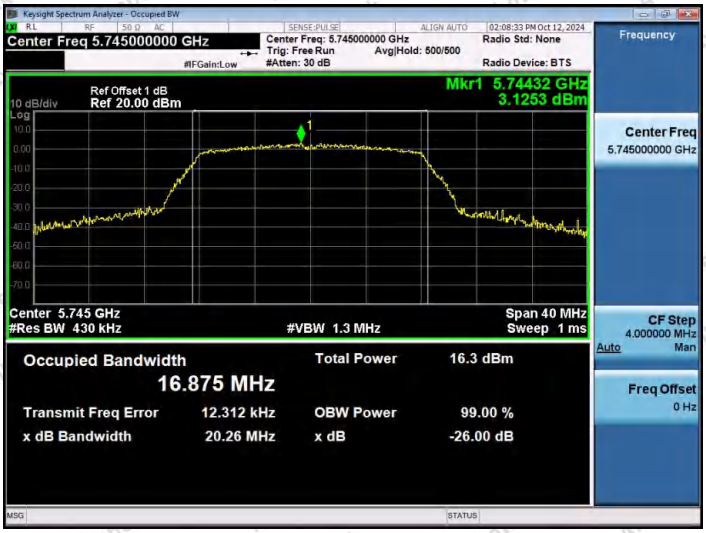
11A-Ant2-5200

11A-Ant1-5240

11A-Ant2-5240



11A-Ant1-5745



11A-Ant2-5745

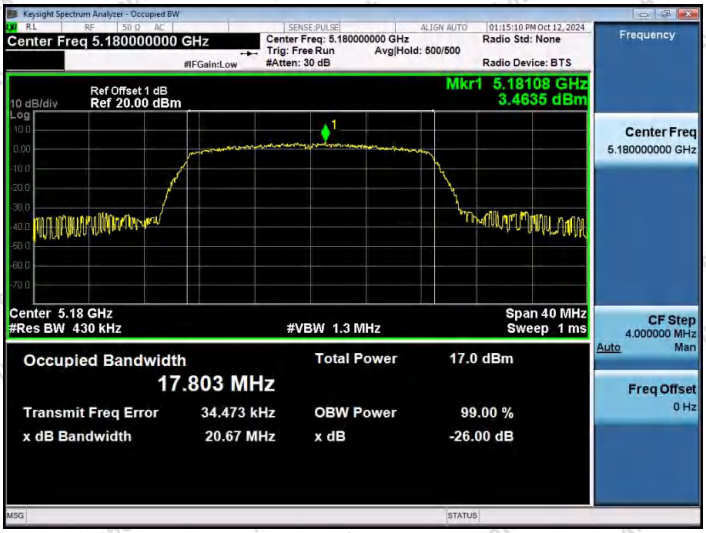
11A-Ant1-5785

11A-Ant2-5785

11A-Ant1-5825

11A-Ant2-5825

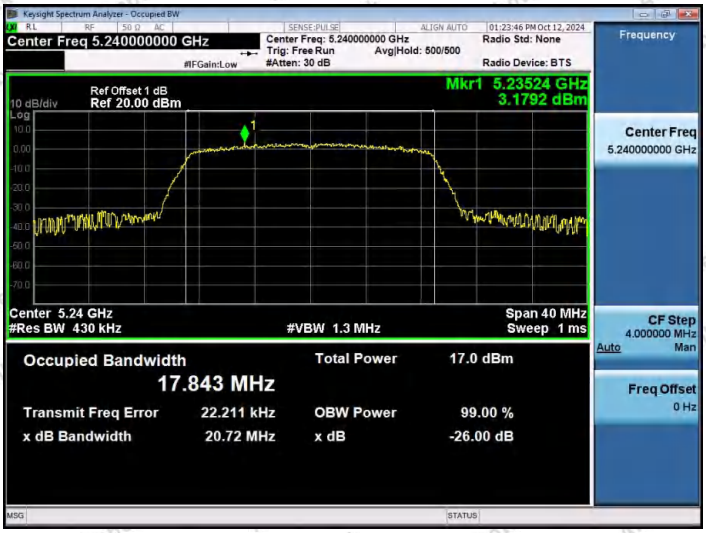
11N20MIMO-Ant1-5180



11N20MIMO-Ant2-5180

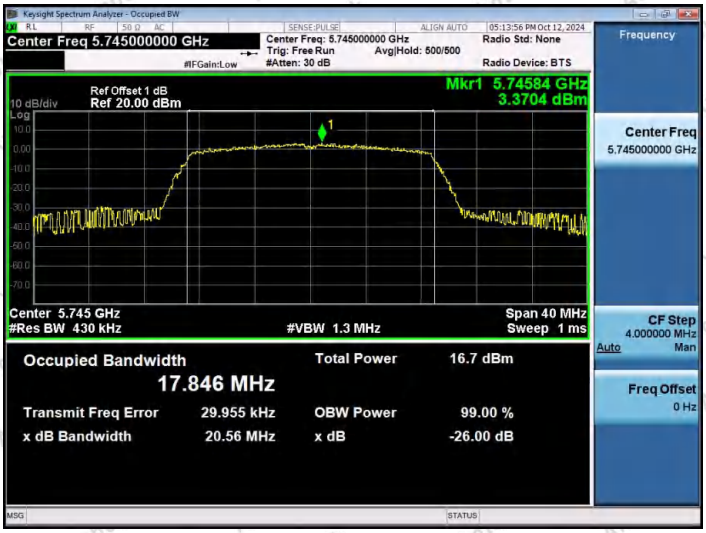
11N20MIMO-Ant1-5200

11N20MIMO-Ant2-5200



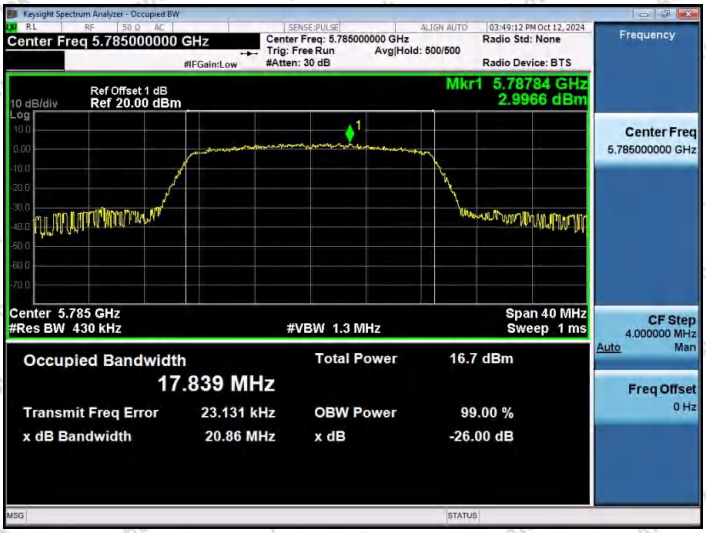
11N20MIMO-Ant1-5240

11N20MIMO-Ant2-5240

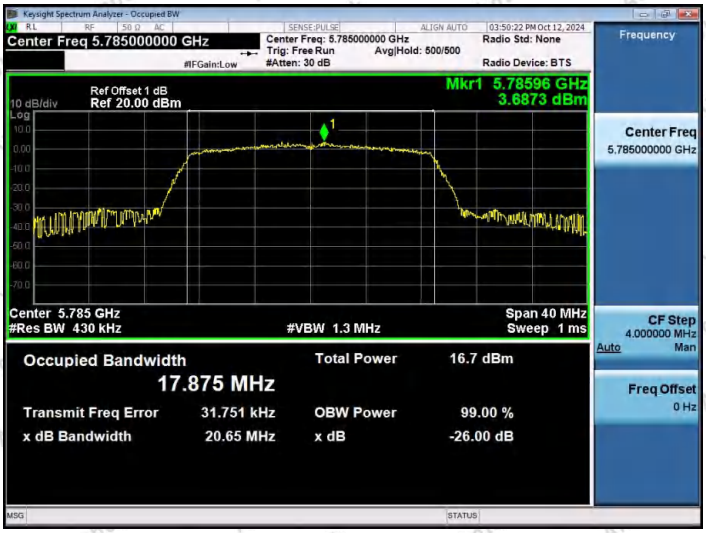


11N20MIMO-Ant1-5745

11N20MIMO-Ant2-5745



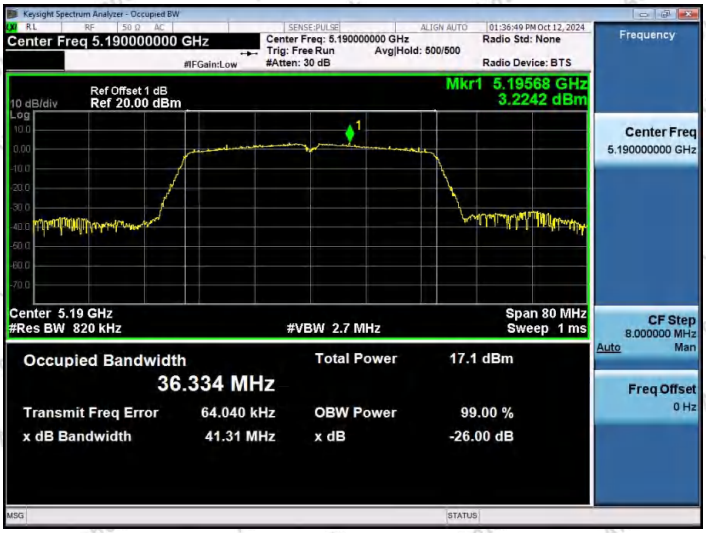
11N20MIMO-Ant1-5785



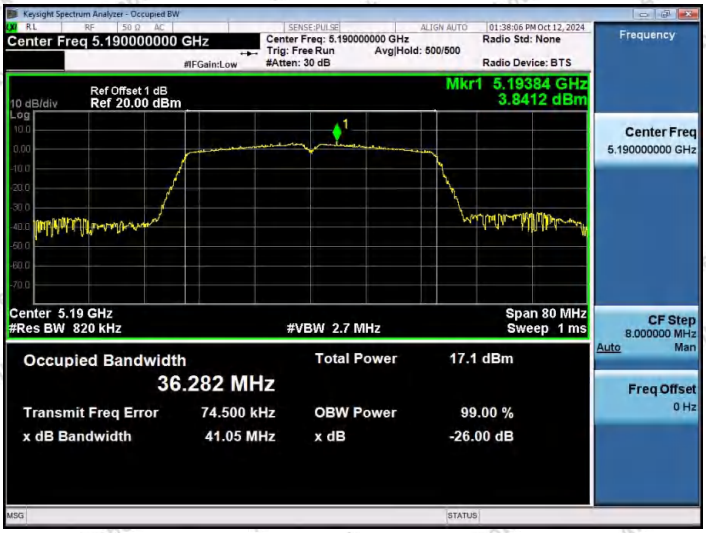
11N20MIMO-Ant2-5785

11N20MIMO-Ant1-5825

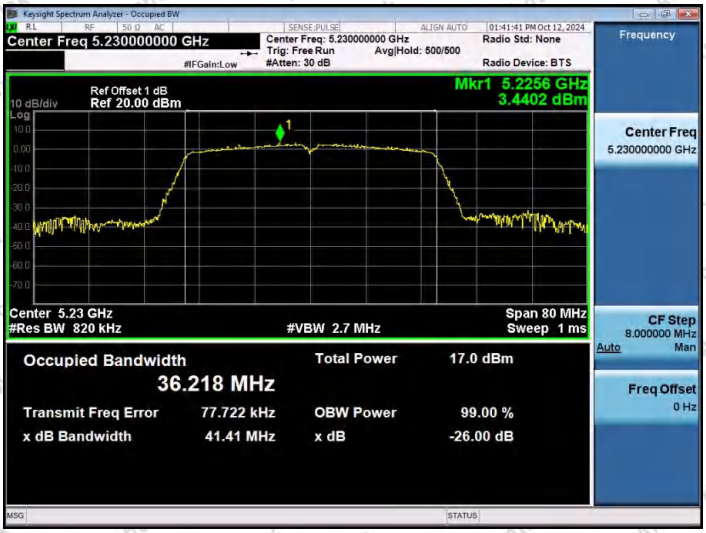
11N20MIMO-Ant2-5825



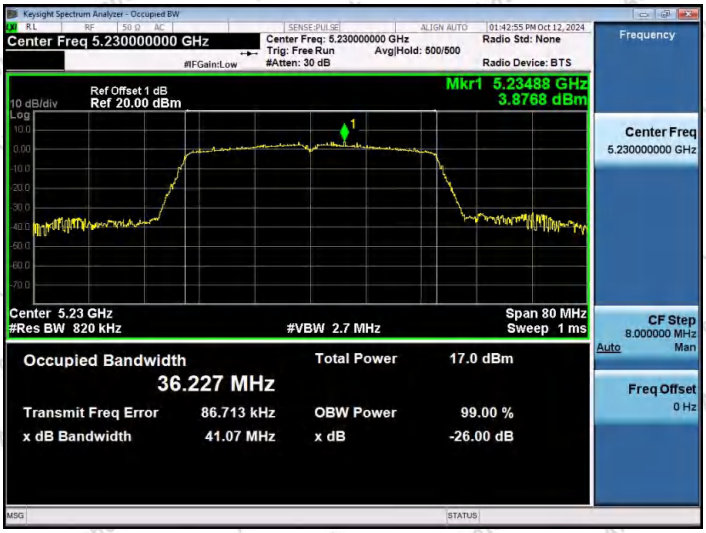
11N40MIMO-Ant1-5190



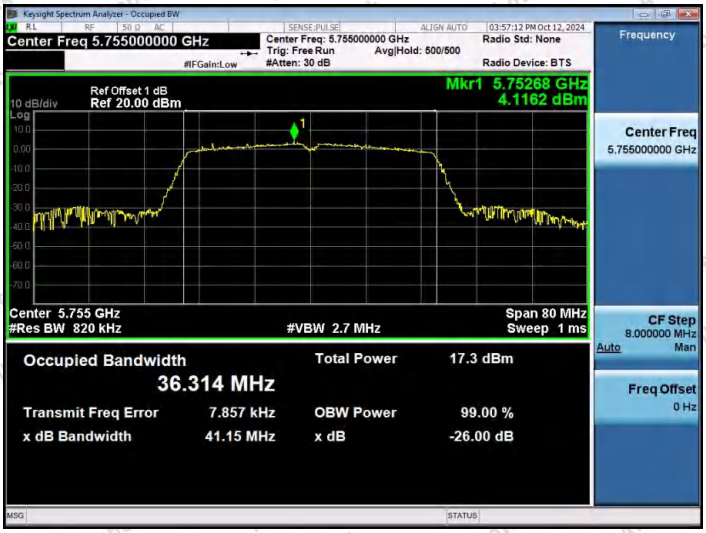
11N40MIMO-Ant2-5190



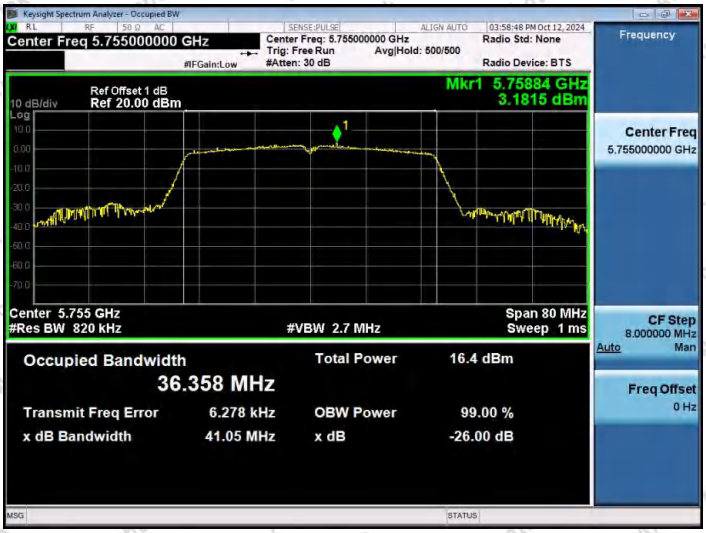
11N40MIMO-Ant1-5230



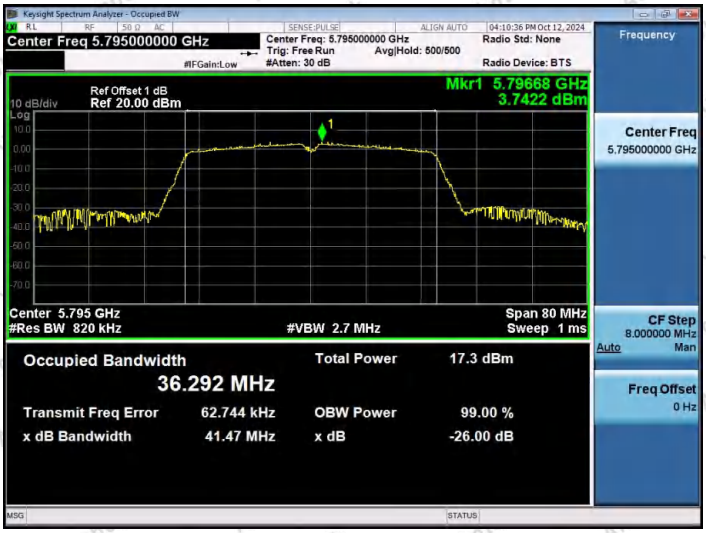
11N40MIMO-Ant2-5230



11N40MIMO-Ant1-5755



11N40MIMO-Ant2-5755



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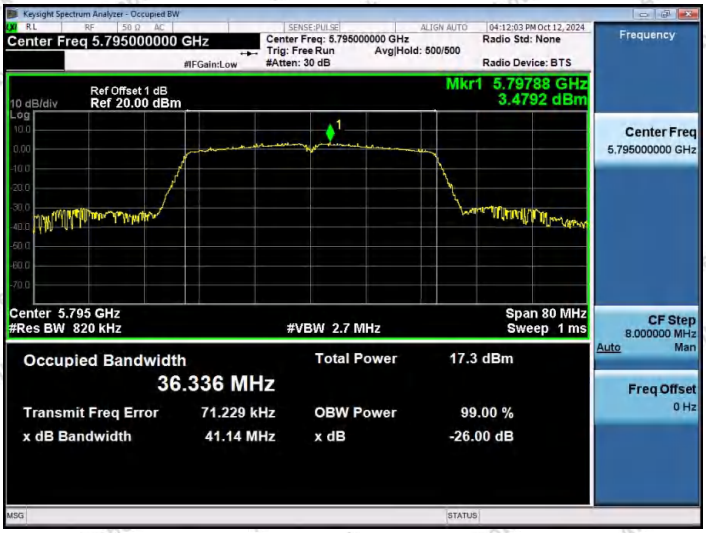
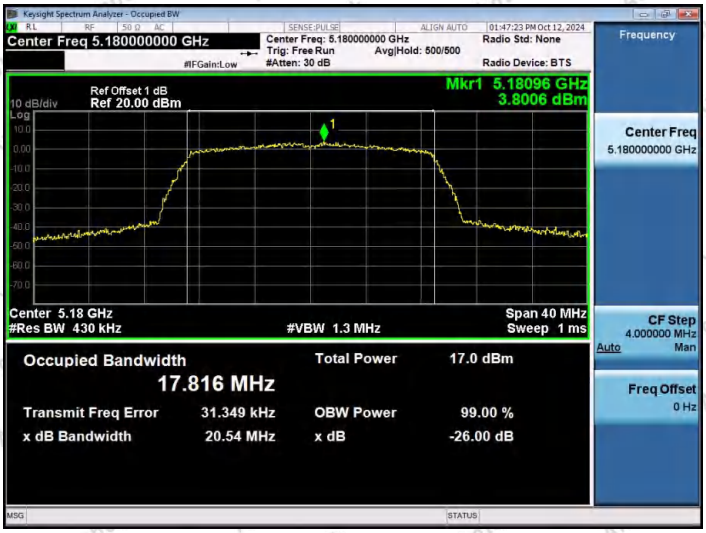


11N40MIMO-Ant2-5795

11AC20MIMO-Ant1-5180

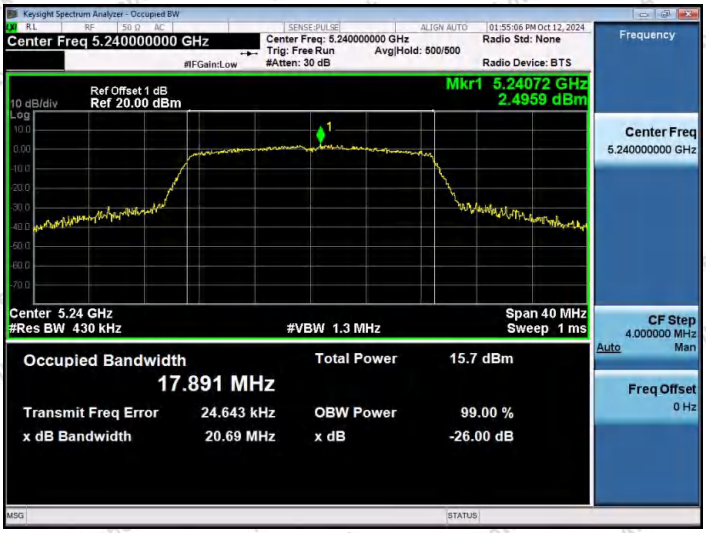


11AC20MIMO-Ant2-5180

11AC20MIMO-Ant1-5200

11AC20MIMO-Ant2-5200

11AC20MIMO-Ant1-5240



11AC20MIMO-Ant2-5240

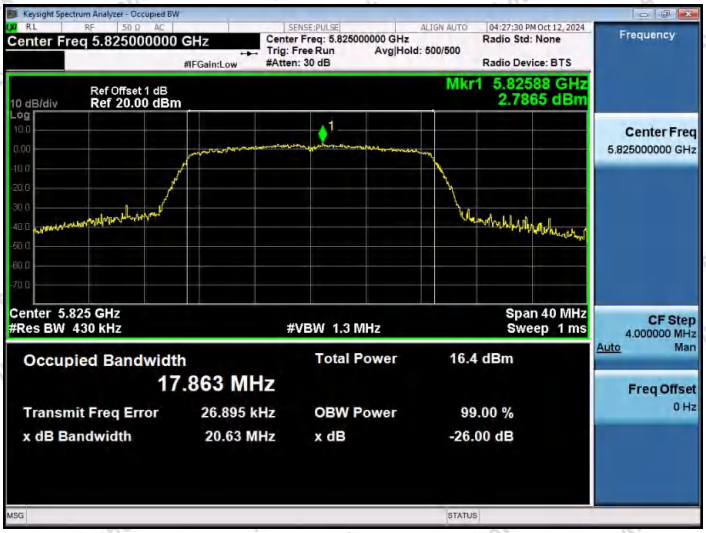
11AC20MIMO-Ant1-5745

11AC20MIMO-Ant2-5745

11AC20MIMO-Ant1-5785

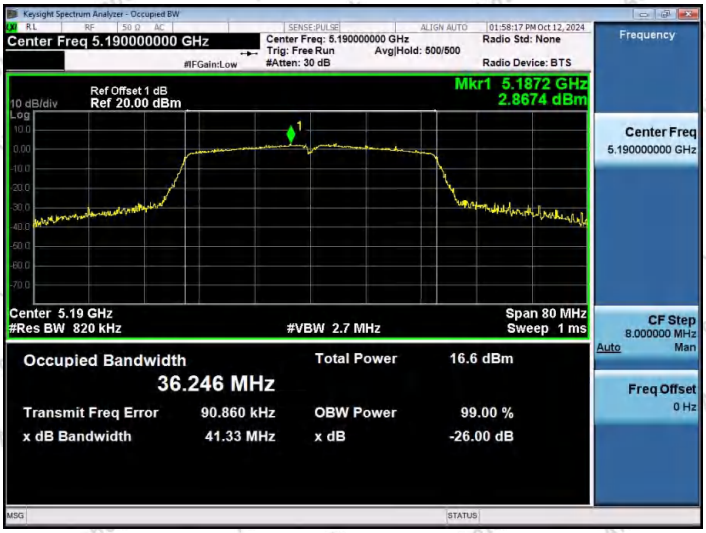
11AC20MIMO-Ant2-5785

11AC20MIMO-Ant1-5825

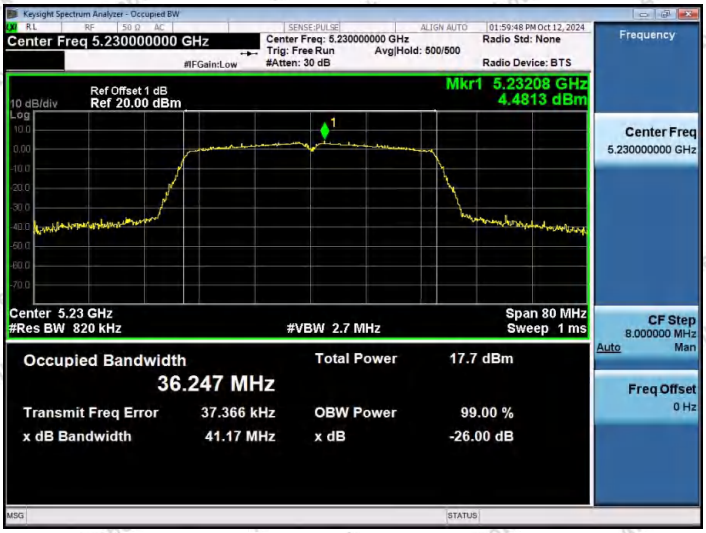


11AC20MIMO-Ant2-5825

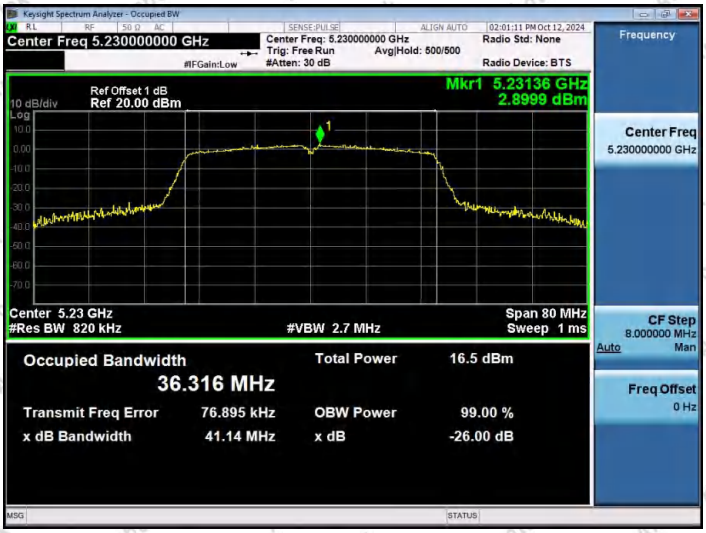
11AC40MIMO-Ant1-5190



11AC40MIMO-Ant2-5190

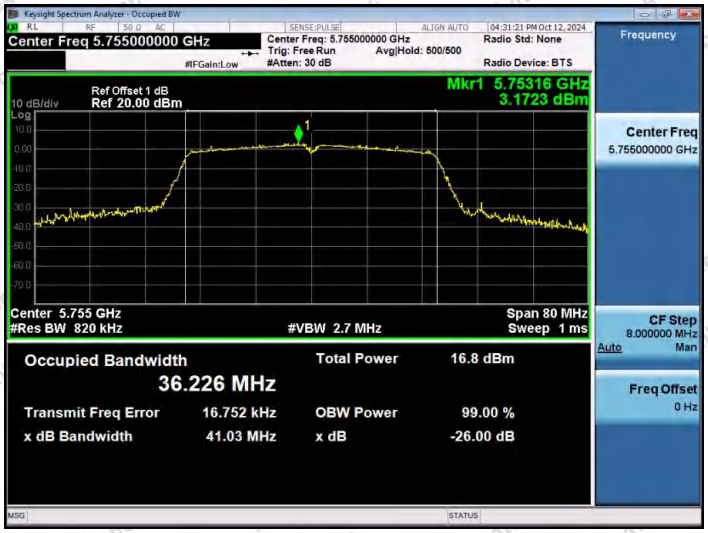


11AC40MIMO-Ant1-5230



11AC40MIMO-Ant2-5230

11AC40MIMO-Ant1-5755



11AC40MIMO-Ant2-5755

11AC40MIMO-Ant1-5795

11AC40MIMO-Ant2-5795

11AC80MIMO-Ant1-5210

11AC80MIMO-Ant2-5210

11AC80MIMO-Ant1-5775

11AC80MIMO-Ant2-5775

Appendix A3: Minimum 6dB Bandwidth

Test Result B4

TestMode	Antenna	Frequency[MHz]	6db EBW [MHz]	FL[MHz]	FH[MHz]	Limit[MHz]	Verdict
11A	Ant1	5745	14.400	5737.520	5751.920	0.5	PASS
11A	Ant2	5745	15.080	5737.440	5752.520	0.5	PASS
11A	Ant1	5785	14.680	5777.440	5792.120	0.5	PASS
11A	Ant2	5785	14.680	5777.840	5792.520	0.5	PASS
11A	Ant1	5825	14.080	5818.400	5832.480	0.5	PASS
11A	Ant2	5825	15.320	5817.120	5832.440	0.5	PASS
11N20MIMO	Ant1	5745	13.480	5739.000	5752.480	0.5	PASS
11N20MIMO	Ant2	5745	15.000	5737.520	5752.520	0.5	PASS
11N20MIMO	Ant1	5785	14.200	5777.440	5791.640	0.5	PASS
11N20MIMO	Ant2	5785	15.320	5777.440	5792.760	0.5	PASS
11N20MIMO	Ant1	5825	15.080	5817.440	5832.520	0.5	PASS
11N20MIMO	Ant2	5825	15.040	5817.520	5832.560	0.5	PASS
11N40MIMO	Ant1	5755	33.920	5737.400	5771.320	0.5	PASS
11N40MIMO	Ant2	5755	33.760	5737.400	5771.160	0.5	PASS
11N40MIMO	Ant1	5795	33.840	5778.680	5812.520	0.5	PASS
11N40MIMO	Ant2	5795	35.040	5777.480	5812.520	0.5	PASS
11AC20MIMO	Ant1	5745	13.800	5737.480	5751.280	0.5	PASS
11AC20MIMO	Ant2	5745	13.280	5738.360	5751.640	0.5	PASS
11AC20MIMO	Ant1	5785	15.120	5777.440	5792.560	0.5	PASS
11AC20MIMO	Ant2	5785	15.080	5777.480	5792.560	0.5	PASS
11AC20MIMO	Ant1	5825	13.880	5817.440	5831.320	0.5	PASS
11AC20MIMO	Ant2	5825	16.040	5816.840	5832.880	0.5	PASS
11AC40MIMO	Ant1	5755	33.920	5737.400	5771.320	0.5	PASS
11AC40MIMO	Ant2	5755	35.120	5737.400	5772.520	0.5	PASS
11AC40MIMO	Ant1	5795	35.040	5777.480	5812.520	0.5	PASS
11AC40MIMO	Ant2	5795	35.040	5777.400	5812.440	0.5	PASS
11AC80MIMO	Ant1	5775	75.040	5737.400	5812.440	0.5	PASS
11AC80MIMO	Ant2	5775	75.040	5737.400	5812.440	0.5	PASS

Test Graphs B4

11A-Ant1-5745-PASS

11A-Ant2-5745-PASS

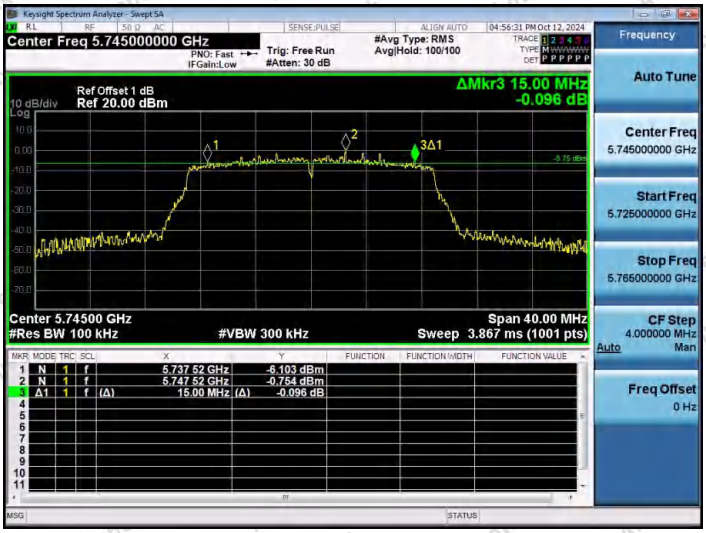
11A-Ant1-5785-PASS

11A-Ant2-5785-PASS

11A-Ant1-5825-PASS

11A-Ant2-5825-PASS

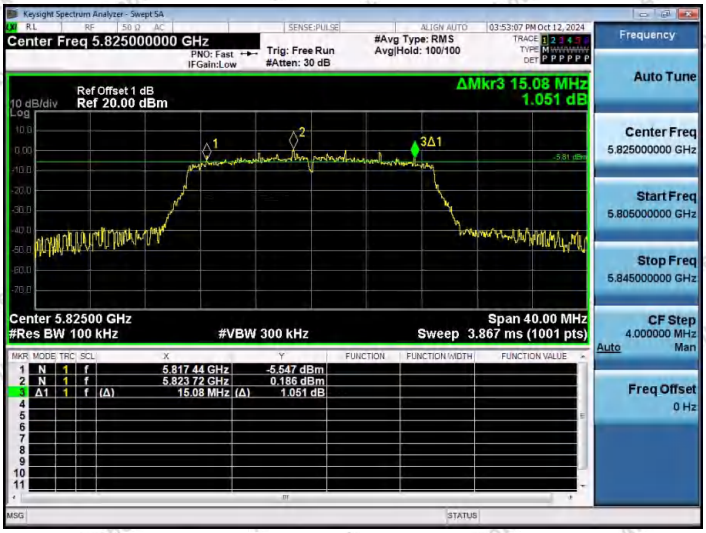
11N20MIMO-Ant1-5745-PASS



11N20MIMO-Ant2-5745-PASS

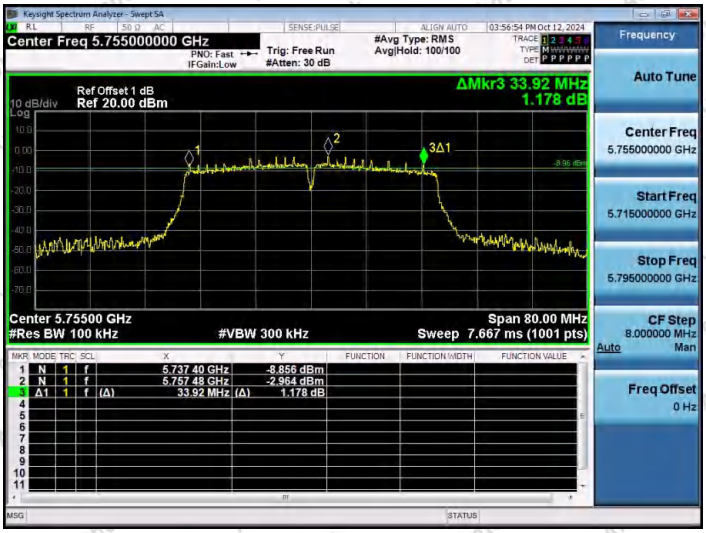
11N20MIMO-Ant1-5785-PASS

11N20MIMO-Ant2-5785-PASS

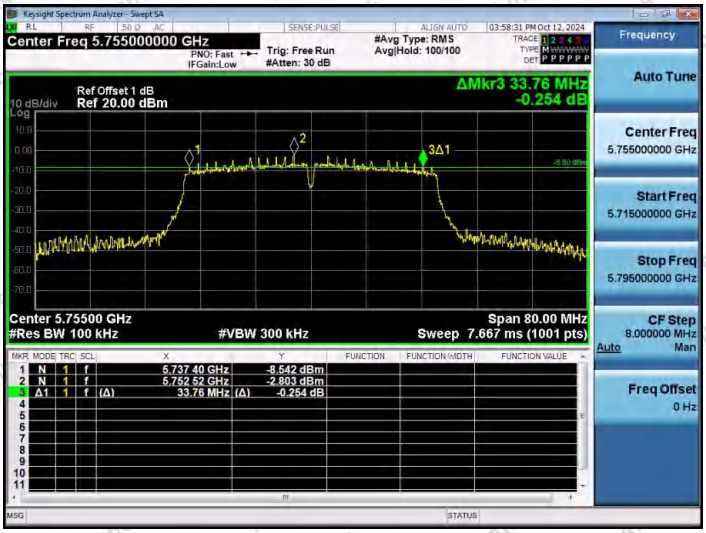


11N20MIMO-Ant1-5825-PASS

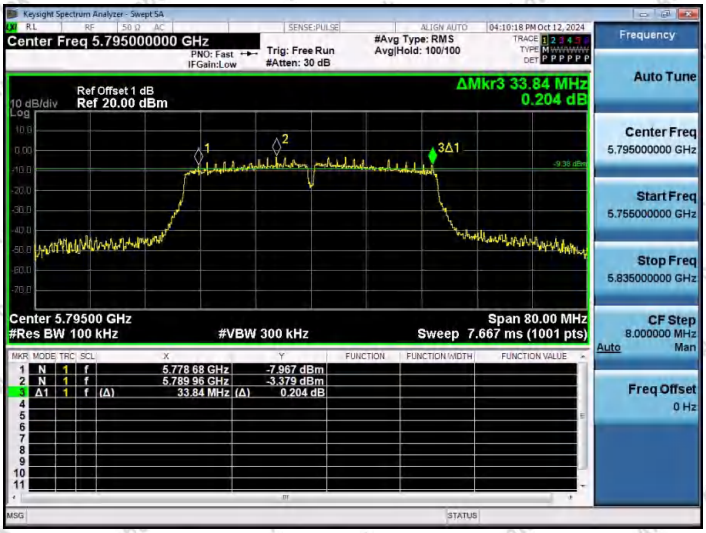
11N20MIMO-Ant2-5825-PASS



11N40MIMO-Ant1-5755-PASS



11N40MIMO-Ant2-5755-PASS



11N40MIMO-Ant1-5795-PASS