

Appendix RF Test Data for 5GWIFI

FCC ID : 2A8W5-S7MAX

Company : BAODE INTERNATIONAL LIMITED

EUT : Smart Media Player

Model Number : S7 Max

Report No. : CTA25080501104

Reviewed By : Eric Wang

Appendix A1: Emission Bandwidth

Test Result

TestMode	Antenna	Freq(MHz)	26db EBW [MHz]	FL[MHz]	FH[MHz]	Limit[MHz]	Verdict
11A	Ant1	5180	27.920	5168.080	5196.000	---	---
		5220	27.680	5206.960	5234.640	---	---
		5240	27.480	5227.400	5254.880	---	---
		5745	26.960	5733.120	5760.080	---	---
		5785	28.560	5770.960	5799.520	---	---
		5825	32.400	5808.960	5841.360	---	---
11N20SISO	Ant1	5180	26.040	5166.760	5192.800	---	---
		5220	25.360	5207.760	5233.120	---	---
		5240	26.360	5227.800	5254.160	---	---
		5745	26.800	5732.240	5759.040	---	---
		5785	30.120	5770.400	5800.520	---	---
		5825	31.240	5809.280	5840.520	---	---
11N40SISO	Ant1	5190	72.320	5153.520	5225.840	---	---
		5230	71.920	5194.160	5266.080	---	---
		5755	72.320	5718.760	5791.080	---	---
		5795	72.560	5758.920	5831.480	---	---
11AC20SISO	Ant1	5180	25.760	5167.800	5193.560	---	---
		5220	24.360	5209.360	5233.720	---	---
		5240	26.760	5227.160	5253.920	---	---
		5745	26.040	5733.400	5759.440	---	---
		5785	28.760	5770.440	5799.200	---	---
		5825	29.920	5809.960	5839.880	---	---
11AC40SISO	Ant1	5190	65.760	5159.600	5225.360	---	---
		5230	59.920	5204.800	5264.720	---	---
		5755	65.840	5724.440	5790.280	---	---
		5795	70.160	5764.280	5834.440	---	---
11AC80SISO	Ant1	5210	123.680	5146.160	5269.840	---	---
		5775	130.400	5719.000	5849.400	---	---
11AX20SISO	Ant1	5180	25.000	5167.840	5192.840	---	---
		5220	28.000	5207.440	5235.440	---	---
		5240	27.800	5227.840	5255.640	---	---
		5745	27.360	5733.200	5760.560	---	---
		5785	29.400	5771.240	5800.640	---	---
		5825	30.000	5810.520	5840.520	---	---
11AX40SISO	Ant1	5190	72.400	5153.440	5225.840	---	---
		5230	72.000	5193.920	5265.920	---	---
		5755	72.480	5718.600	5791.080	---	---

		5795	65.760	5765.400	5831.160	---	---
11AX80SISO	Ant1	5210	124.960	5146.000	5270.960	---	---
		5775	130.080	5719.000	5849.080	---	---

Test Graphs

11A_Ant1_5180



11A_Ant1_5220



11A_Ant1_5240



11A_Ant1_5745



11A_Ant1_5785



11A_Ant1_5825



11N20SISO_Ant1_5180



11N20SISO_Ant1_5220



11N20SISO_Ant1_5240



11N20SISO_Ant1_5745



11N20SISO_Ant1_5785



11N20SISO_Ant1_5825



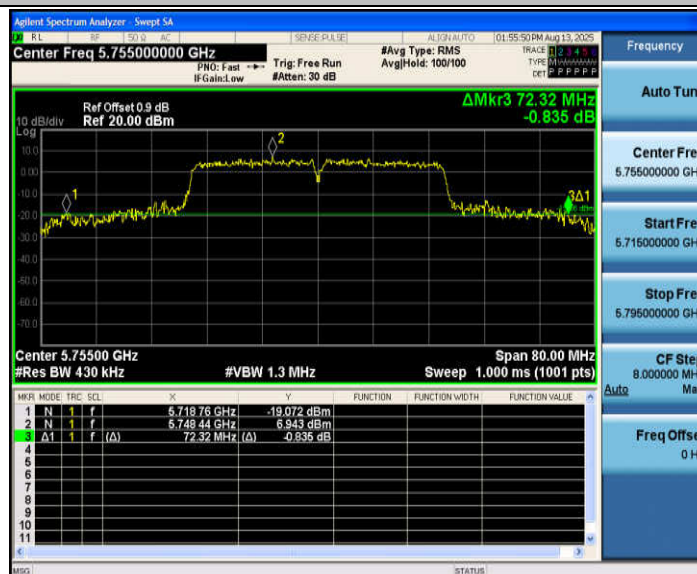
11N40SISO_Ant1_5190



11N40SISO_Ant1_5230



11N40SISO_Ant1_5755



11N40SISO_Ant1_5795



11AC20SISO_Ant1_5180



11AC20SISO_Ant1_5220



11AC20SISO_Ant1_5240



11AC20SISO_Ant1_5745



11AC20SISO_Ant1_5785



11AC20SISO_Ant1_5825



11AC40SISO_Ant1_5190



11AC40SISO_Ant1_5230



11AC40SISO_Ant1_5755



11AC40SISO_Ant1_5795



11AC80SISO_Ant1_5210



11AC80SISO_Ant1_5775



11AX20SISO_Ant1_5180



11AX20SISO_Ant1_5220



11AX20SISO_Ant1_5240



11AX20SISO_Ant1_5745



11AX20SISO_Ant1_5785



11AX20SISO_Ant1_5825



11AX40SISO_Ant1_5190



11AX40SISO_Ant1_5230



11AX40SISO_Ant1_5755



11AX40SISO_Ant1_5795



11AX80SISO_Ant1_5210



11AX80SISO_Ant1_5775



Appendix A2: Occupied channel bandwidth

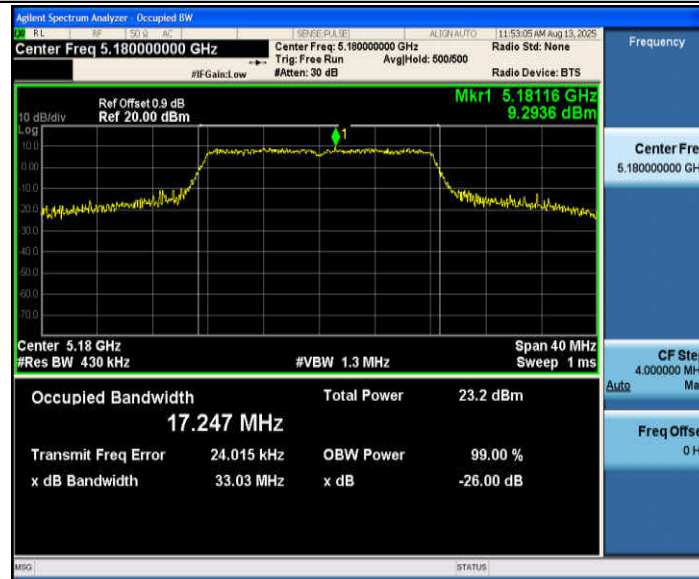
Test Result

TestMode	Antenna	Freq(MHz)	OCB [MHz]	FL[MHz]	FH[MHz]	Limit[MHz]	Verdict
11A	Ant1	5180	17.247	5171.4005	5188.6475	---	---
		5220	17.268	5211.4137	5228.6817	---	---
		5240	17.296	5231.4111	5248.7071	---	---
		5745	17.355	5736.3598	5753.7148	---	---
		5785	17.468	5776.2877	5793.7557	---	---
		5825	17.585	5816.2200	5833.8050	---	---
11N20SISO	Ant1	5180	18.120	5170.9803	5189.1003	---	---
		5220	18.187	5210.9790	5229.1660	---	---
		5240	18.280	5230.9783	5249.2583	---	---
		5745	18.382	5735.9181	5754.3001	---	---
		5785	18.460	5775.8876	5794.3476	---	---
		5825	18.520	5815.8175	5834.3375	---	---
11N40SISO	Ant1	5190	36.829	5171.6119	5208.4409	---	---
		5230	36.913	5211.7325	5248.6455	---	---
		5755	37.064	5736.5484	5773.6124	---	---
		5795	37.228	5776.5469	5813.7749	---	---
11AC20SISO	Ant1	5180	18.093	5171.0086	5189.1016	---	---
		5220	18.000	5211.0738	5229.0738	---	---
		5240	18.087	5231.0463	5249.1333	---	---
		5745	18.127	5735.9839	5754.1109	---	---
		5785	18.220	5775.9427	5794.1627	---	---
		5825	18.408	5815.8387	5834.2467	---	---
11AC40SISO	Ant1	5190	36.720	5171.6599	5208.3799	---	---
		5230	36.799	5211.6439	5248.4429	---	---
		5755	36.881	5736.5875	5773.4685	---	---
		5795	37.124	5776.5213	5813.6453	---	---
11AC80SISO	Ant1	5210	76.345	5171.9142	5248.2592	---	---
		5775	76.459	5736.9552	5813.4142	---	---
11AX20SISO	Ant1	5180	18.211	5170.9592	5189.1702	---	---
		5220	18.251	5210.9364	5229.1874	---	---
		5240	18.212	5230.9965	5249.2085	---	---
		5745	18.324	5735.9237	5754.2477	---	---
		5785	18.452	5775.8879	5794.3399	---	---
		5825	18.734	5815.7007	5834.4347	---	---
11AX40SISO	Ant1	5190	36.830	5171.6498	5208.4798	---	---
		5230	36.769	5211.7256	5248.4946	---	---
		5755	37.100	5736.5664	5773.6664	---	---

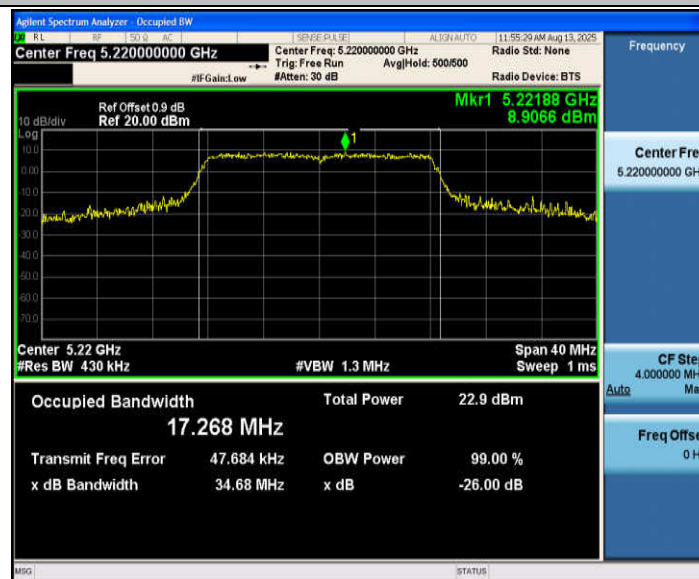
		5795	37.196	5776.5580	5813.7540	---	---
11AX80SISO	Ant1	5210	76.276	5171.9704	5248.2464	---	---
		5775	76.489	5736.9357	5813.4247	---	---

Test Graphs

11A_Ant1_5180



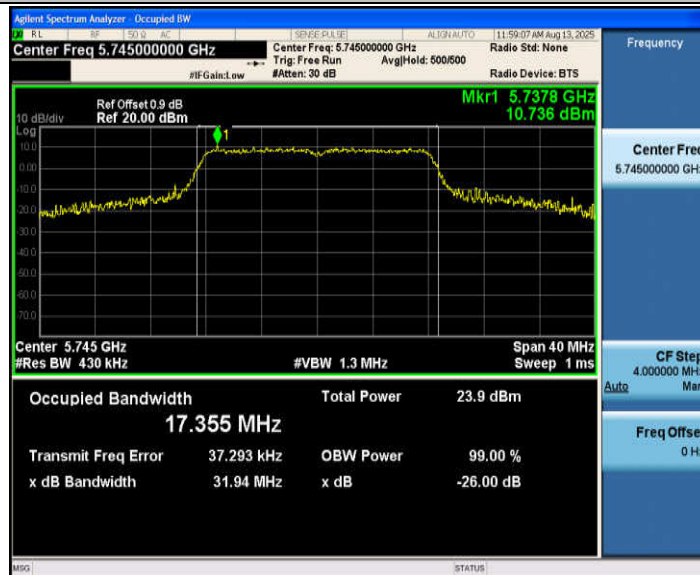
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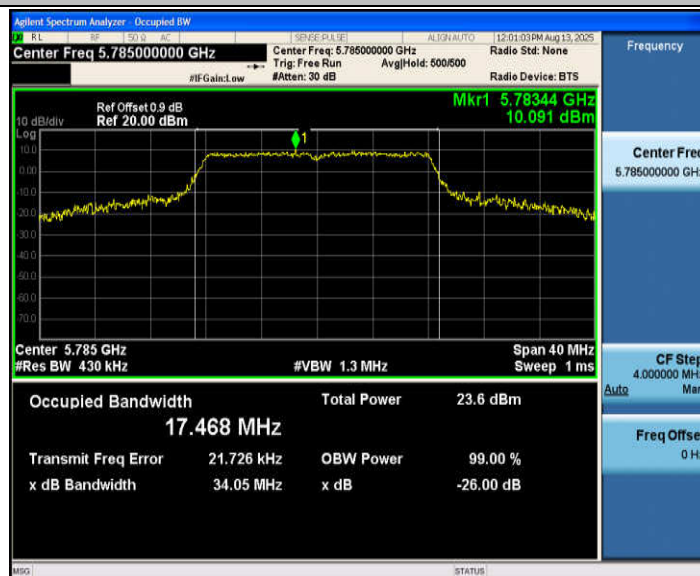
11A_Ant1_5240



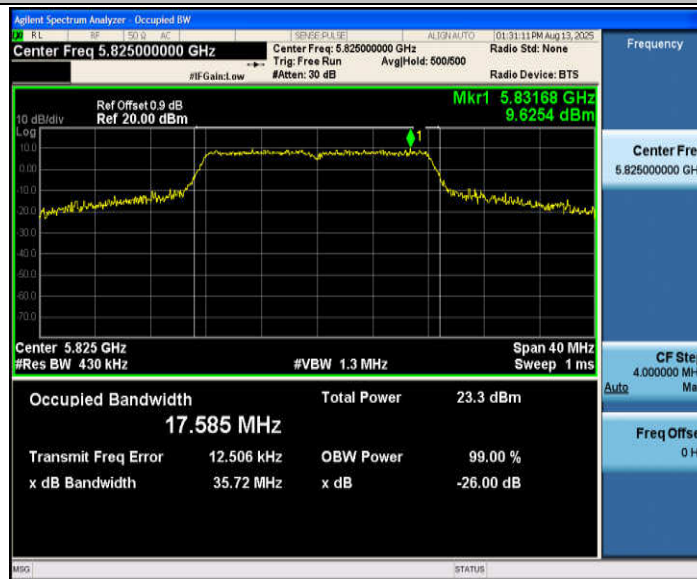
11A_Ant1_5745



11A_Ant1_5785



11A_Ant1_5825



11N20SISO_Ant1_5180



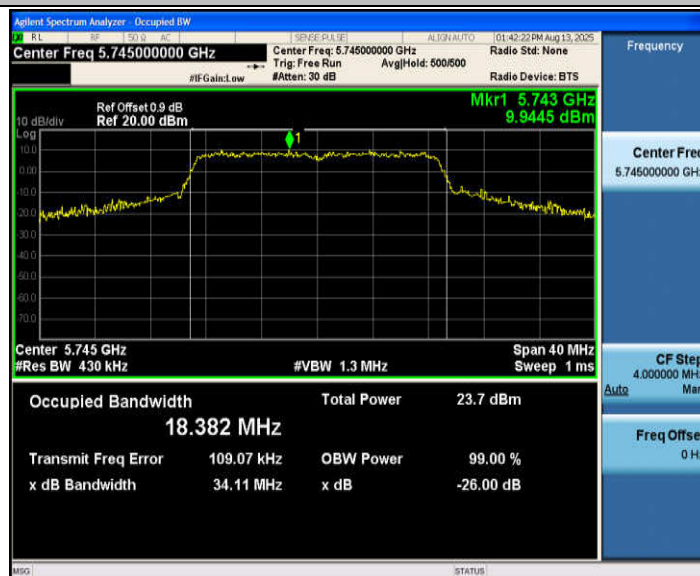
11N20SISO_Ant1_5220



11N20SISO_Ant1_5240



11N20SISO_Ant1_5745



11N20SISO_Ant1_5785



11N20SISO_Ant1_5825



11N40SISO_Ant1_5190



11N40SISO_Ant1_5230



11N40SISO_Ant1_5755



11N40SISO_Ant1_5795



11AC20SISO_Ant1_5180



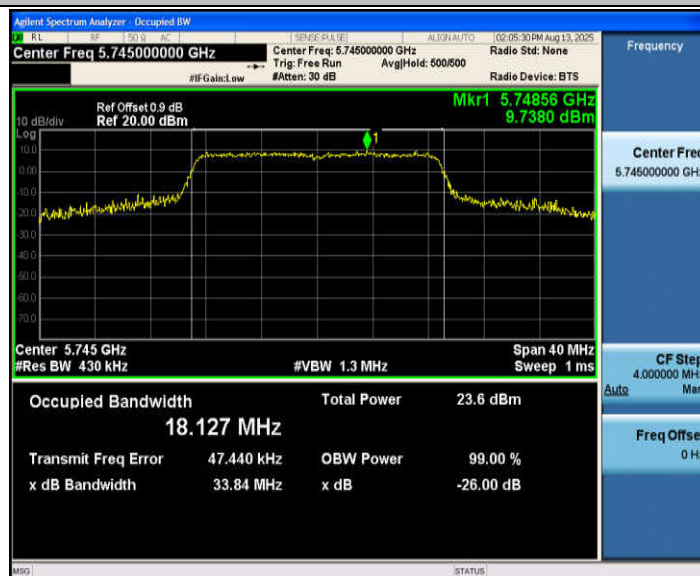
11AC20SISO_Ant1_5220



11AC20SISO_Ant1_5240



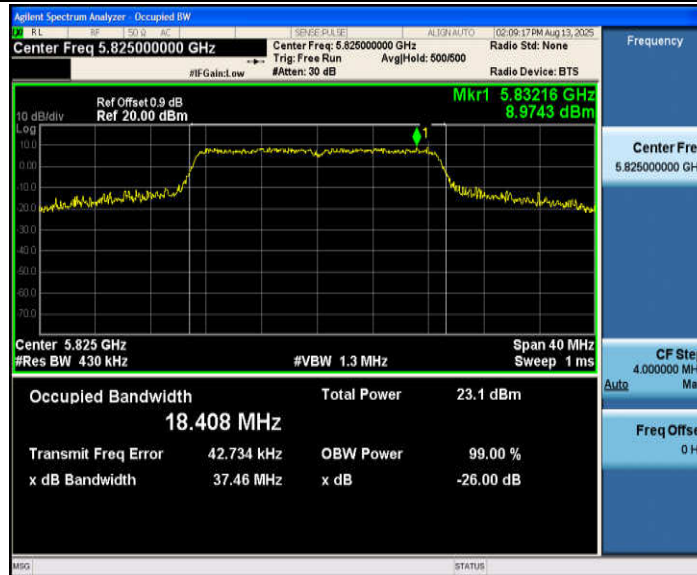
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11AC20SISO_Ant1_5785



11AC20SISO_Ant1_5825



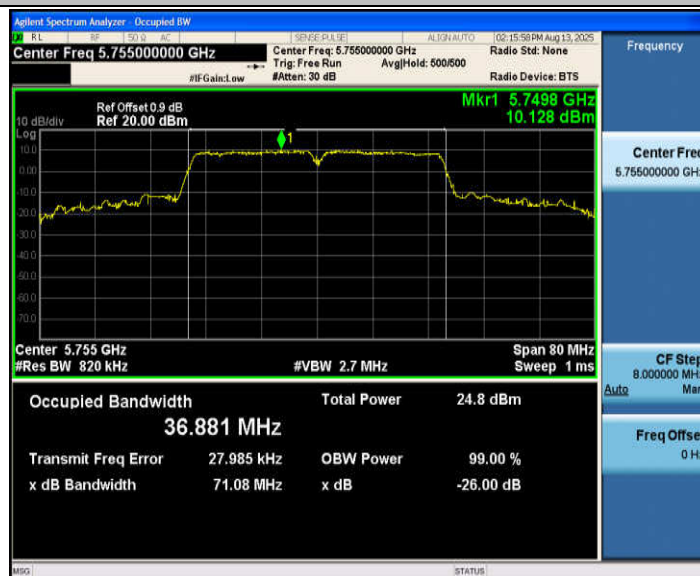
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11AC40SISO_Ant1_5230



11AC40SISO_Ant1_5755



11AC40SISO_Ant1_5795



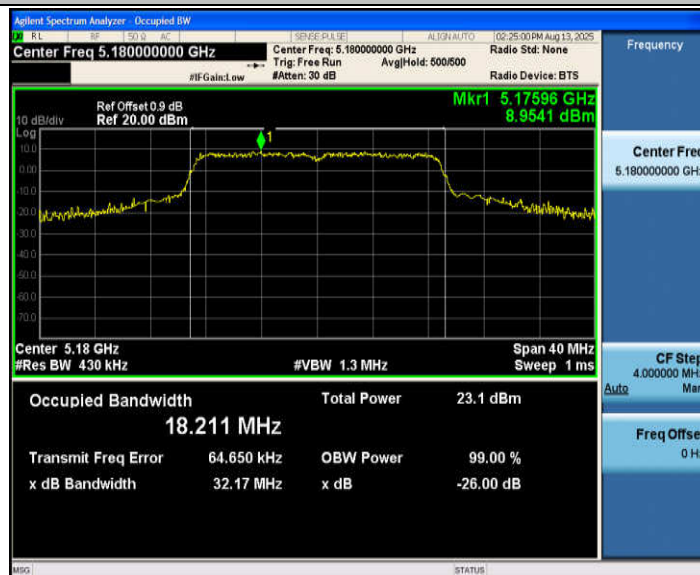
11AC80SISO_Ant1_5210



11AC80SISO_Ant1_5775



11AX20SISO_Ant1_5180



11AX20SISO_Ant1_5220



11AX20SISO_Ant1_5240



11AX20SISO_Ant1_5745



11AX20SISO_Ant1_5785



11AX20SISO_Ant1_5825



11AX40SISO_Ant1_5190



11AX40SISO_Ant1_5230



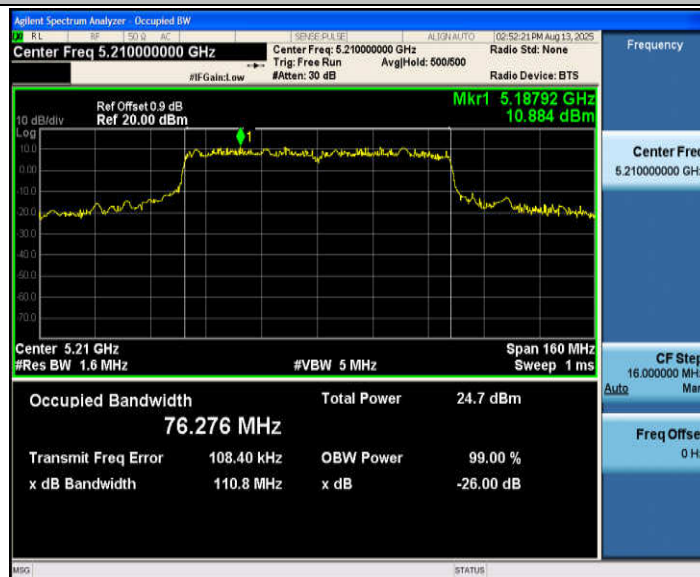
11AX40SISO_Ant1_5755



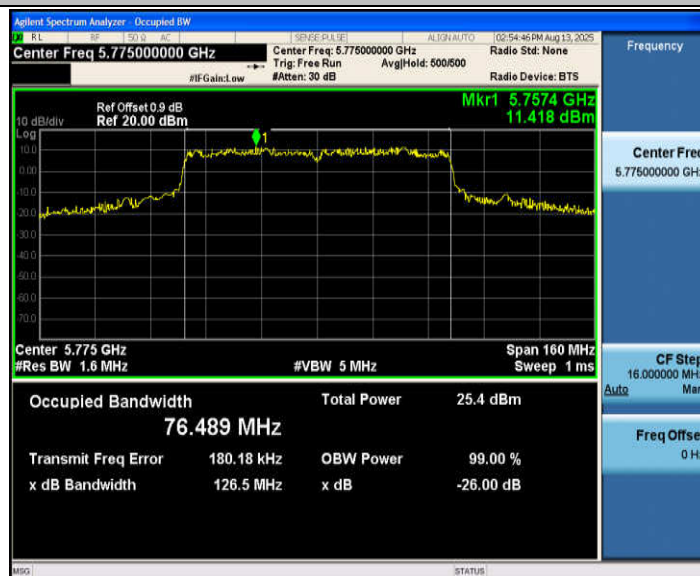
11AX40SISO_Ant1_5795



11AX80SISO_Ant1_5210



11AX80SISO_Ant1_5775



Appendix A3: Min emission bandwidth

Test Result B4

TestMode	Antenna	Freq(MHz)	6db EBW [MHz]	FL[MHz]	FH[MHz]	Limit[MHz]	Verdict
11A	Ant1	5745	16.320	5736.840	5753.160	0.5	PASS
		5785	16.320	5776.840	5793.160	0.5	PASS
		5825	16.280	5816.840	5833.120	0.5	PASS
11N20SISO	Ant1	5745	16.680	5736.480	5753.160	0.5	PASS
		5785	16.960	5776.440	5793.400	0.5	PASS
		5825	16.920	5816.480	5833.400	0.5	PASS
11N40SISO	Ant1	5755	35.200	5737.400	5772.600	0.5	PASS
		5795	35.120	5777.400	5812.520	0.5	PASS
11AC20SISO	Ant1	5745	16.800	5736.480	5753.280	0.5	PASS
		5785	16.800	5776.600	5793.400	0.5	PASS
		5825	17.040	5816.480	5833.520	0.5	PASS
11AC40SISO	Ant1	5755	35.200	5737.400	5772.600	0.5	PASS
		5795	35.200	5777.400	5812.600	0.5	PASS
11AC80SISO	Ant1	5775	75.200	5737.400	5812.600	0.5	PASS
11AX20SISO	Ant1	5745	16.840	5736.560	5753.400	0.5	PASS
		5785	16.520	5776.640	5793.160	0.5	PASS
		5825	16.920	5816.480	5833.400	0.5	PASS
11AX40SISO	Ant1	5755	35.200	5737.400	5772.600	0.5	PASS
		5795	35.200	5777.400	5812.600	0.5	PASS
11AX80SISO	Ant1	5775	75.360	5737.240	5812.600	0.5	PASS