

FCC Appendix RF Test Data for 5GWIFI

FCC ID : 2BNR7-T50

Company : Shenzhen Baijin Technology Co., Ltd

EUT : Tablet PC

Model Number : T50

Report No. : CTA25092900404

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	22.240	5169.160	5191.400	---	---
		5220	21.960	5209.240	5231.200	---	---
		5240	22.200	5228.880	5251.080	---	---
		5745	23.000	5733.680	5756.680	---	---
		5785	24.040	5772.960	5797.000	---	---
		5825	23.080	5813.560	5836.640	---	---
11N20SISO	Ant1	5180	23.000	5168.640	5191.640	---	---
		5220	22.920	5208.280	5231.200	---	---
		5240	22.240	5228.840	5251.080	---	---
		5745	22.960	5733.360	5756.320	---	---
		5785	22.840	5773.560	5796.400	---	---
		5825	23.400	5813.520	5836.920	---	---
11N40SISO	Ant1	5190	41.680	5169.600	5211.280	---	---
		5230	43.120	5208.400	5251.520	---	---
		5755	44.560	5733.000	5777.560	---	---
		5795	44.400	5772.920	5817.320	---	---
11AC20SISO	Ant1	5180	23.520	5168.760	5192.280	---	---
		5220	22.360	5208.960	5231.320	---	---
		5240	22.440	5229.080	5251.520	---	---
		5745	23.120	5733.480	5756.600	---	---
		5785	23.920	5772.680	5796.600	---	---
		5825	23.520	5813.280	5836.800	---	---
11AC40SISO	Ant1	5190	42.800	5168.560	5211.360	---	---
		5230	43.440	5209.360	5252.800	---	---
		5755	44.560	5733.400	5777.960	---	---
		5795	43.840	5773.880	5817.720	---	---
11AC80SISO	Ant1	5210	85.920	5166.160	5252.080	---	---
		5775	83.840	5733.400	5817.240	---	---

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



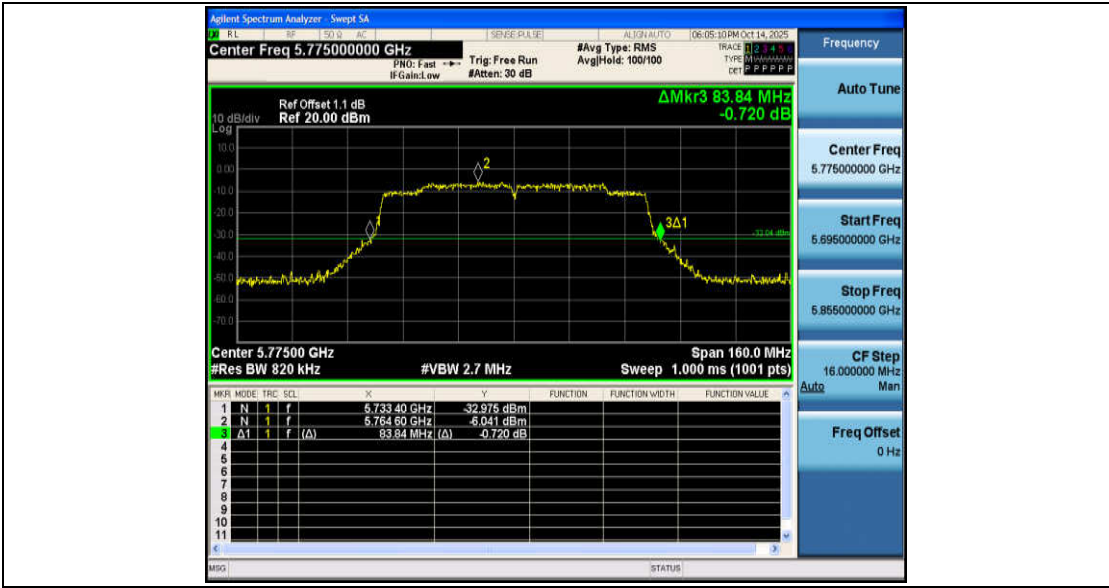
11AC40SISO_Ant1_5795



11AC80SISO_Ant1_5210



11AC80SISO_Ant1_5775



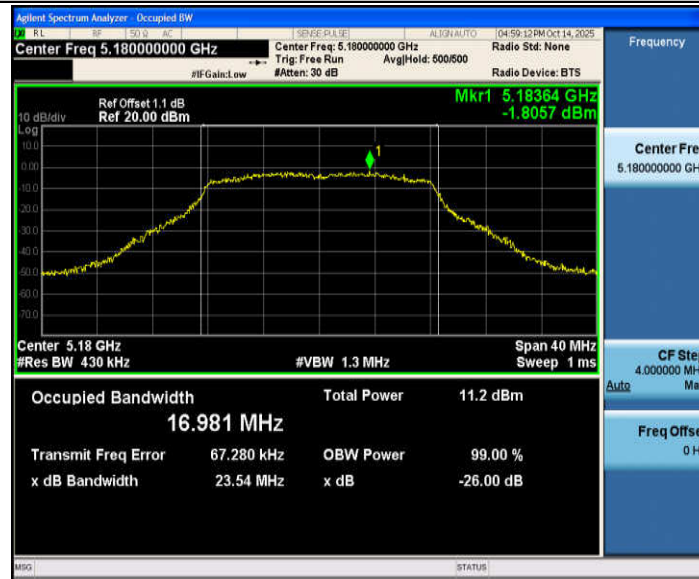
Appendix A2: Occupied channel bandwidth

Test Result

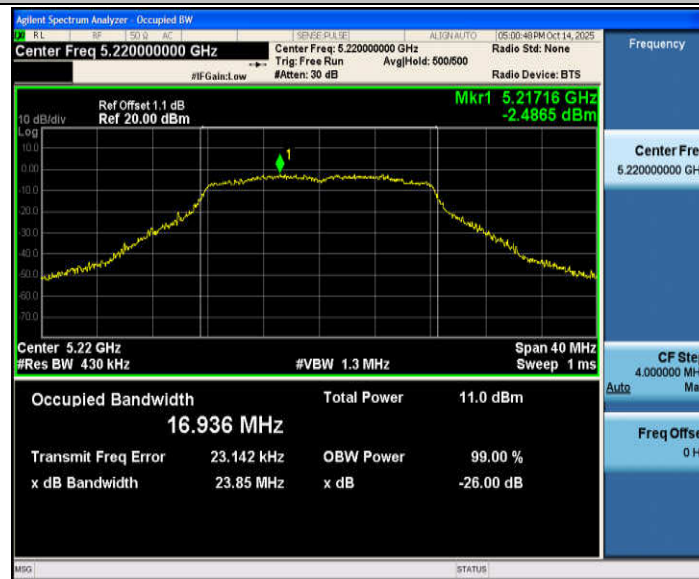
TestMode	Antenna	Freq(MHz)	OCB [MHz]	FL[MHz]	FH[MHz]	Limit[MHz]	Verdict
11A	Ant1	5180	16.981	5171.5768	5188.5578	---	---
		5220	16.936	5211.5551	5228.4911	---	---
		5240	16.996	5231.5351	5248.5311	---	---
		5745	17.309	5736.3837	5753.6927	---	---
		5785	17.216	5776.4157	5793.6317	---	---
		5825	17.294	5816.3423	5833.6363	---	---
11N20SISO	Ant1	5180	18.032	5171.0136	5189.0456	---	---
		5220	18.035	5211.0201	5229.0551	---	---
		5240	18.029	5231.0256	5249.0546	---	---
		5745	18.325	5735.8514	5754.1764	---	---
		5785	18.350	5775.8542	5794.2042	---	---
		5825	18.391	5815.7979	5834.1889	---	---
11N40SISO	Ant1	5190	36.172	5171.9712	5208.1432	---	---
		5230	36.205	5212.0132	5248.2182	---	---
		5755	36.759	5736.7196	5773.4786	---	---
		5795	36.787	5776.6833	5813.4703	---	---
11AC20SISO	Ant1	5180	17.999	5171.0738	5189.0728	---	---
		5220	18.050	5211.0053	5229.0553	---	---
		5240	18.046	5231.0095	5249.0555	---	---
		5745	18.330	5735.8512	5754.1812	---	---
		5785	18.322	5775.8761	5794.1981	---	---
		5825	18.276	5815.8989	5834.1749	---	---
11AC40SISO	Ant1	5190	36.113	5172.0076	5208.1206	---	---
		5230	36.221	5211.9683	5248.1893	---	---
		5755	36.757	5736.7025	5773.4595	---	---
		5795	36.752	5776.6978	5813.4498	---	---
11AC80SISO	Ant1	5210	75.083	5172.6734	5247.7564	---	---
		5775	75.217	5737.5734	5812.7904	---	---

Test Graphs

11A_Ant1_5180



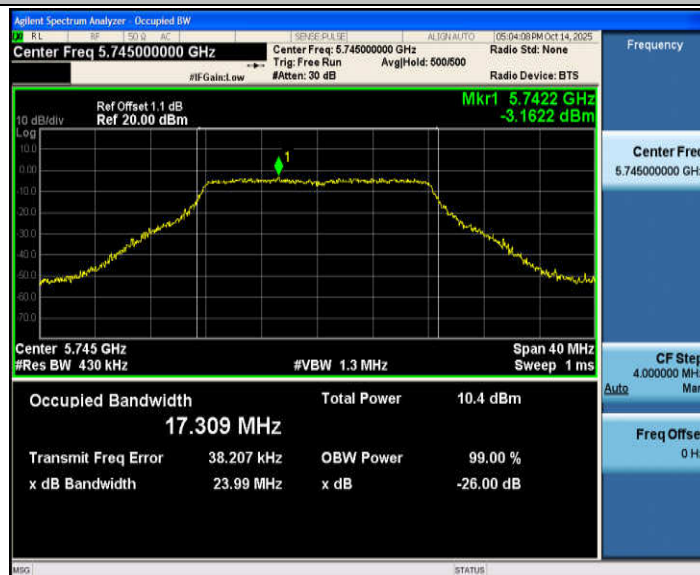
11A_Ant1_5220



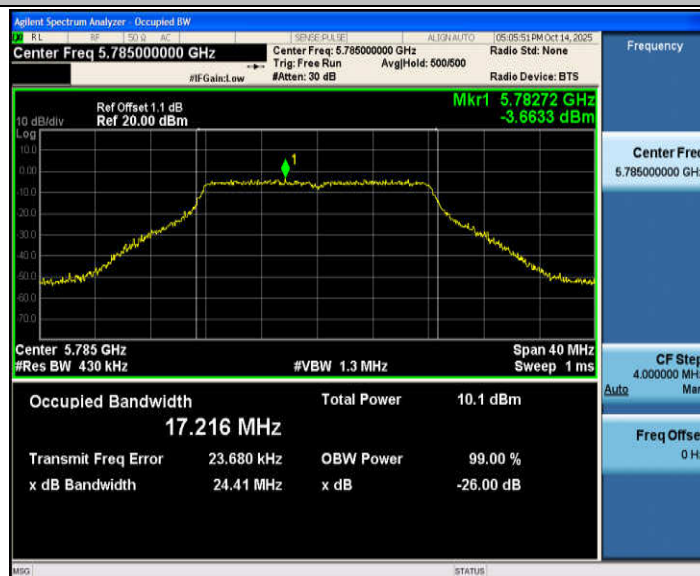
11A_Ant1_5240



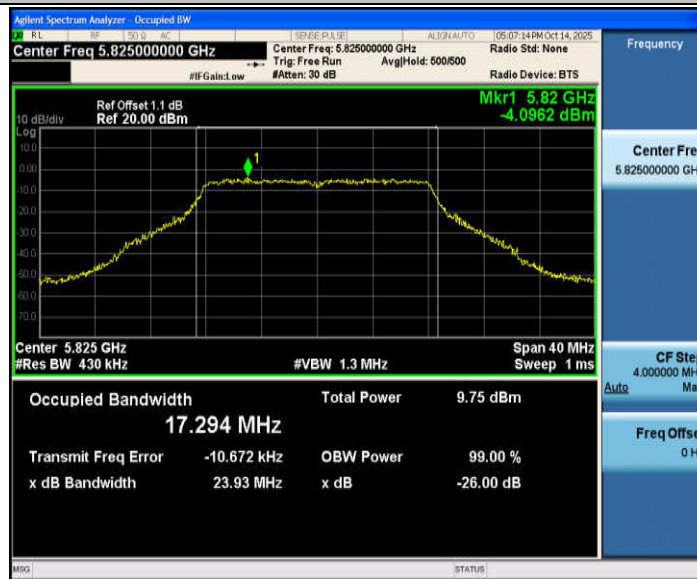
11A_Ant1_5745



11A_Ant1_5785



11A_Ant1_5825



11N20SISO_Ant1_5180



11N20SISO_Ant1_5220



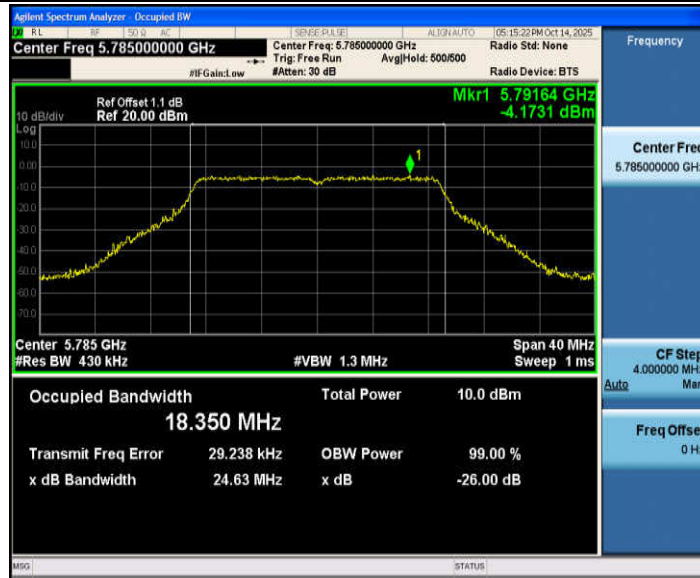
11N20SISO_Ant1_5240



11N20SISO_Ant1_5745



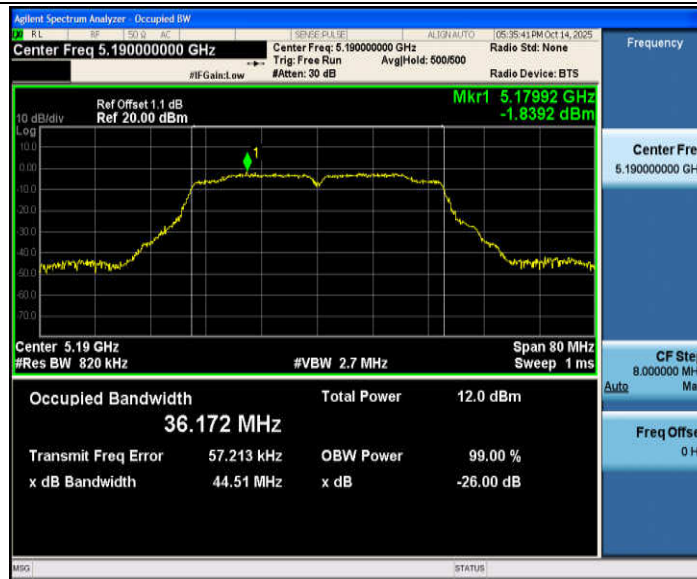
11N20SISO_Ant1_5785



11N20SISO_Ant1_5825



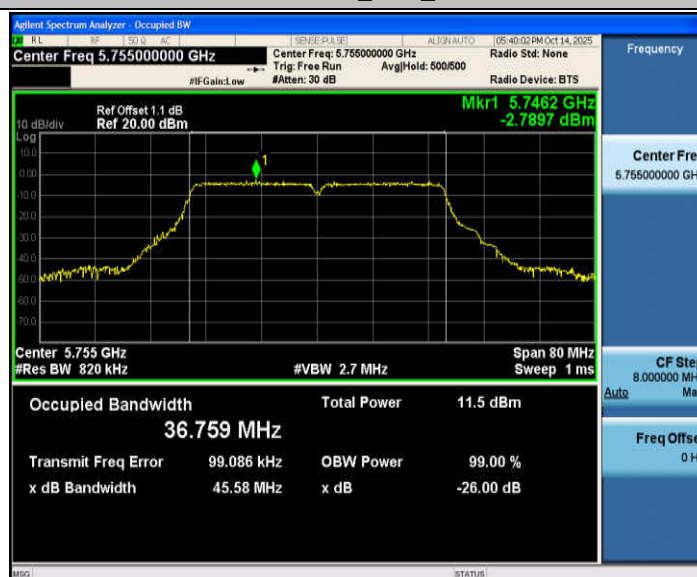
11N40SISO_Ant1_5190



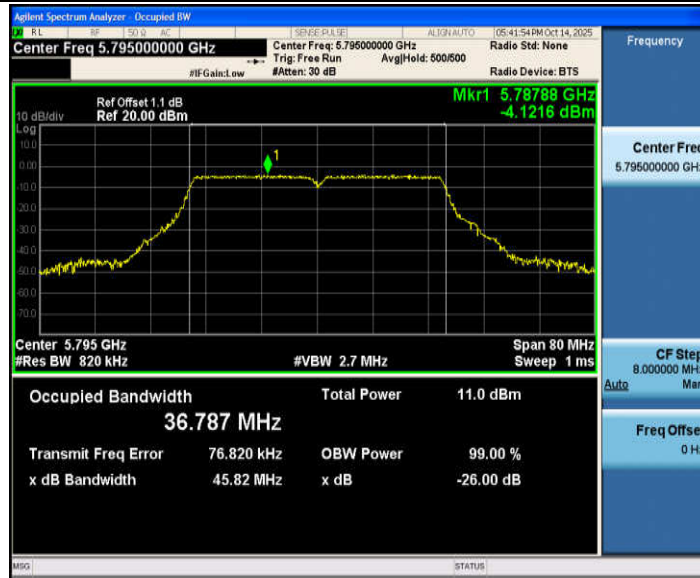
11N40SISO_Ant1_5230



11N40SISO_Ant1_5755



11N40SISO_Ant1_5795



11AC20SISO_Ant1_5180



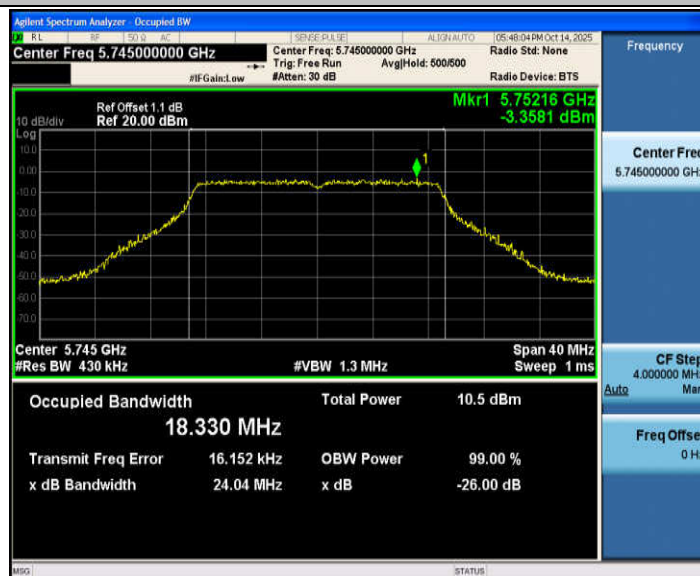
11AC20SISO_Ant1_5220



11AC20SISO_Ant1_5240



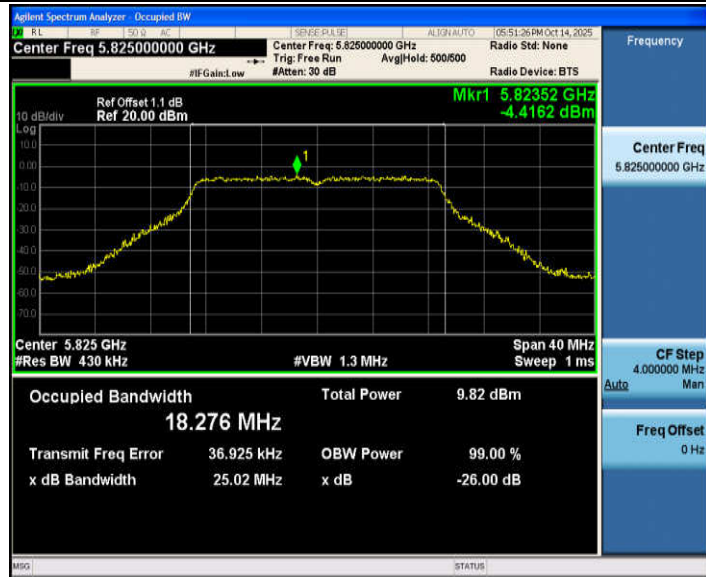
11AC20SISO_Ant1_5745



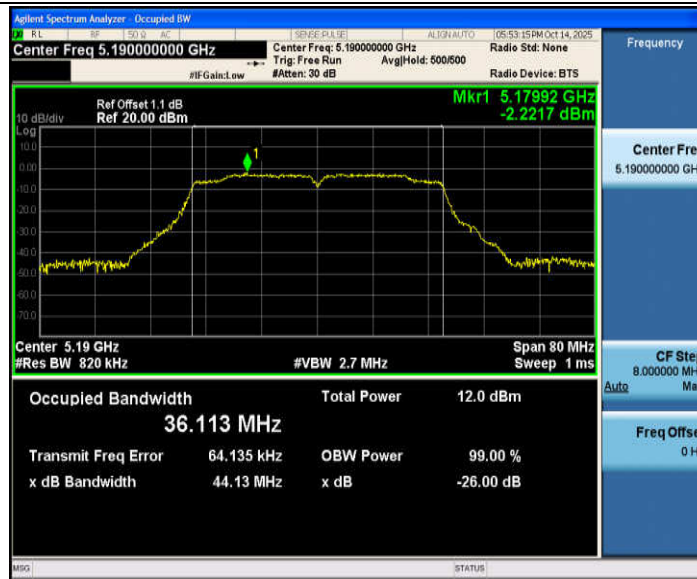
11AC20SISO_Ant1_5785



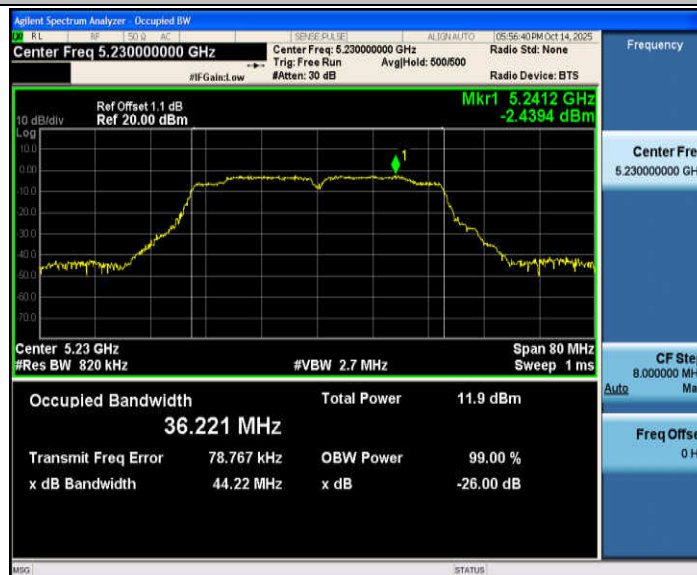
11AC20SISO_Ant1_5825



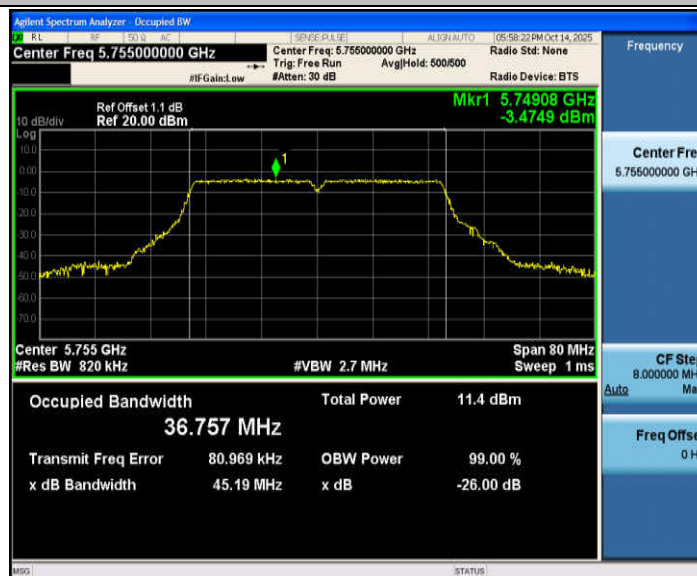
11AC40SISO_Ant1_5190



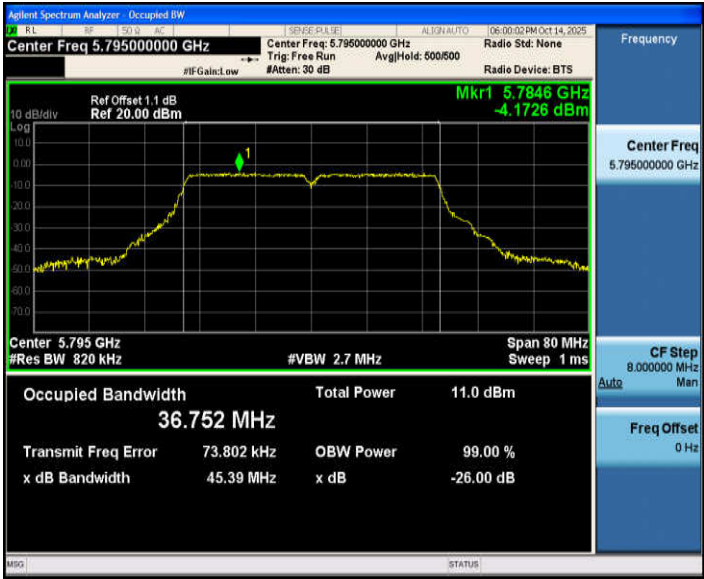
11AC40SISO_Ant1_5230



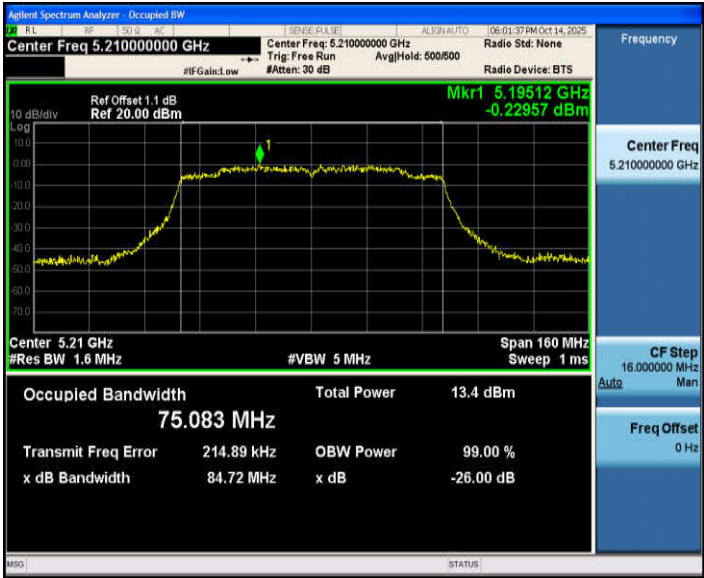
11AC40SISO_Ant1_5755



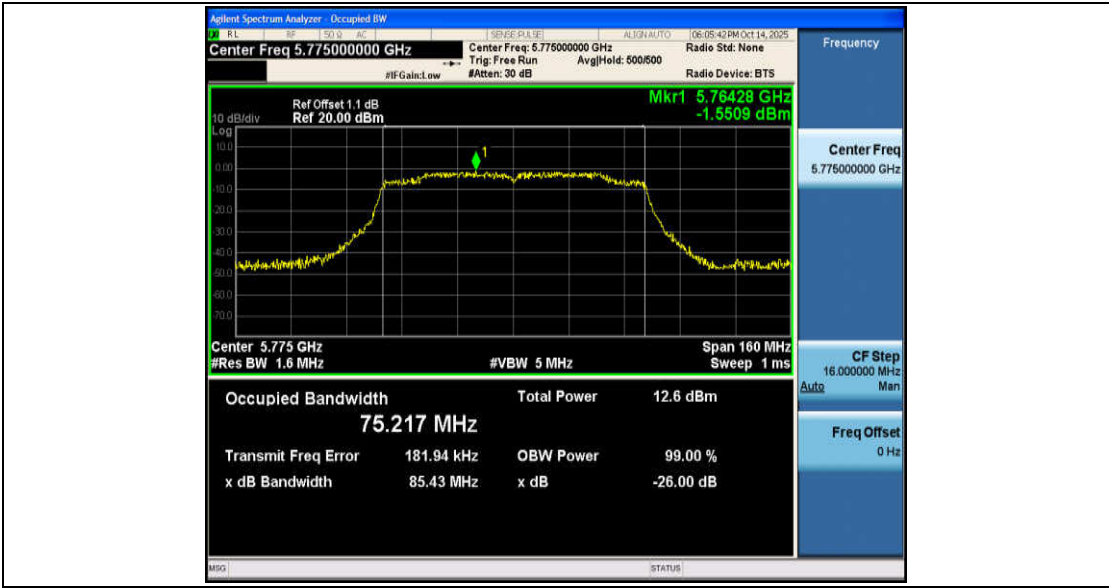
11AC40SISO_Ant1_5795



11AC80SISO_Ant1_5210



11AC80SISO_Ant1_5775



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	16.320	5816.840	5833.160	0.5	PASS
11N20SISO	Ant1	5745	17.320	5736.200	5753.520	0.5	PASS
		5785	17.520	5776.240	5793.760	0.5	PASS
		5825	17.560	5816.240	5833.800	0.5	PASS
11N40SISO	Ant1	5755	36.080	5737.080	5773.160	0.5	PASS
		5795	36.160	5776.840	5813.000	0.5	PASS
11AC20SISO	Ant1	5745	17.320	5736.240	5753.560	0.5	PASS
		5785	17.560	5776.200	5793.760	0.5	PASS
		5825	17.520	5816.240	5833.760	0.5	PASS
11AC40SISO	Ant1	5755	36.320	5736.840	5773.160	0.5	PASS
		5795	36.320	5776.840	5813.160	0.5	PASS
11AC80SISO	Ant1	5775	75.200	5737.400	5812.600	0.5	PASS

Test Graphs B4

11A_Ant1_5745



11A_Ant1_5785



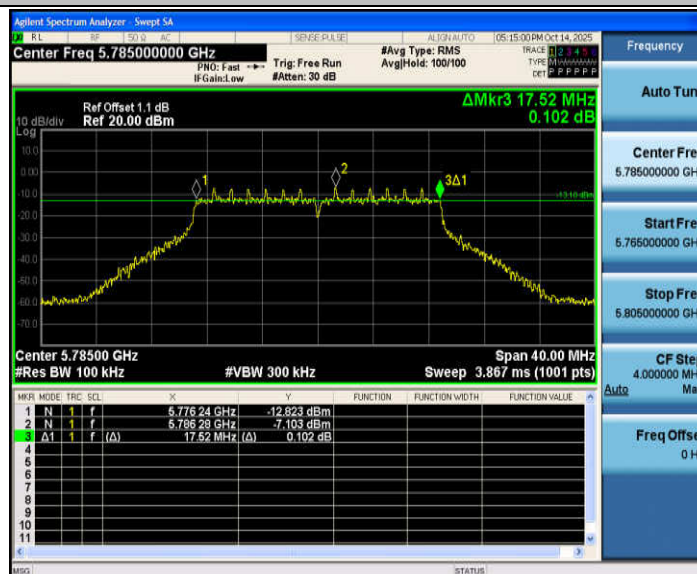
11A_Ant1_5825



11N20SISO_Ant1_5745



11N20SISO_Ant1_5785



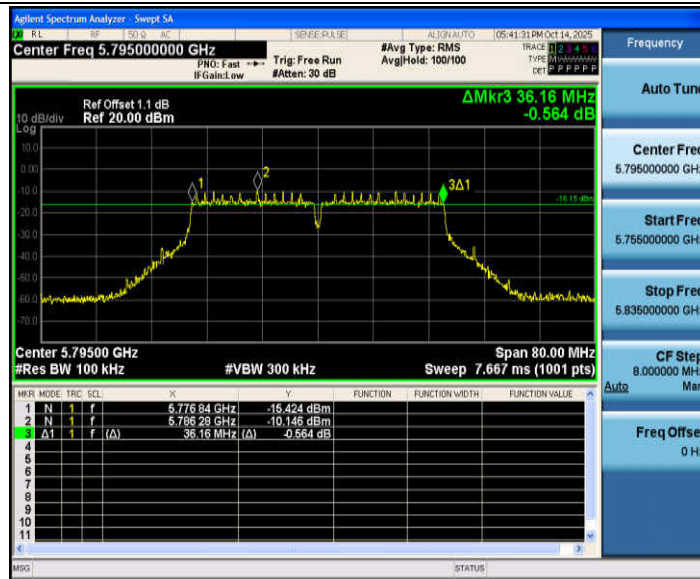
11N20SISO_Ant1_5825



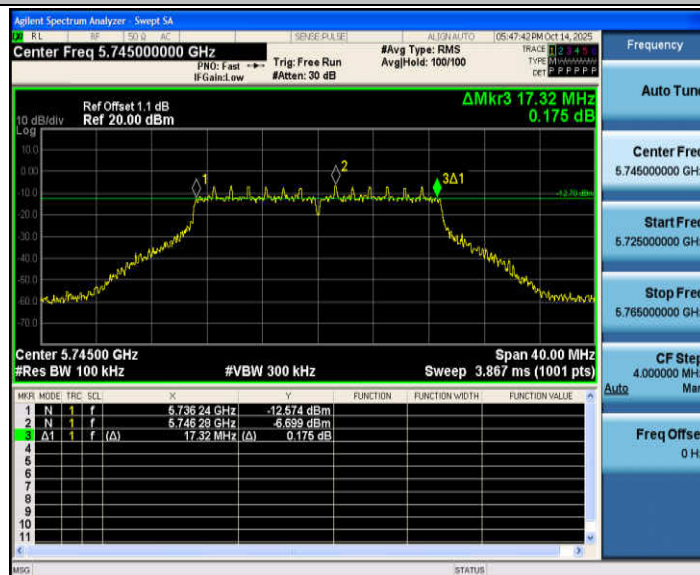
11N40SISO_Ant1_5755



11N40SISO_Ant1_5795



11AC20SISO_Ant1_5745



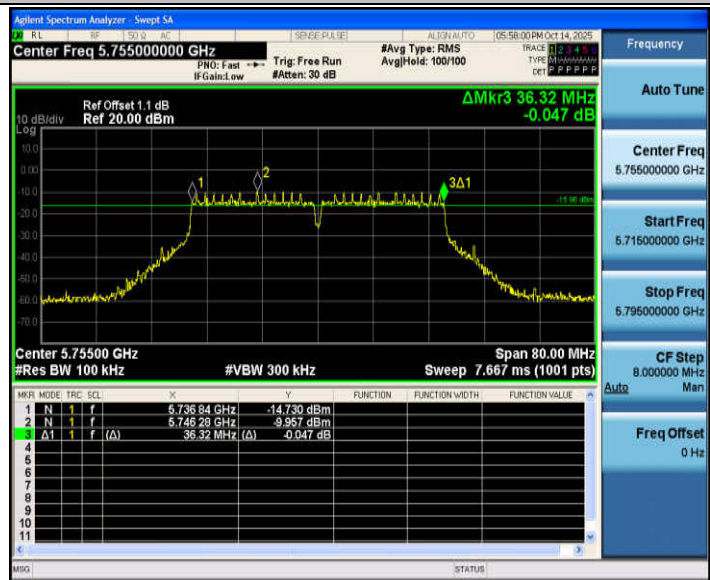
11AC20SISO_Ant1_5785



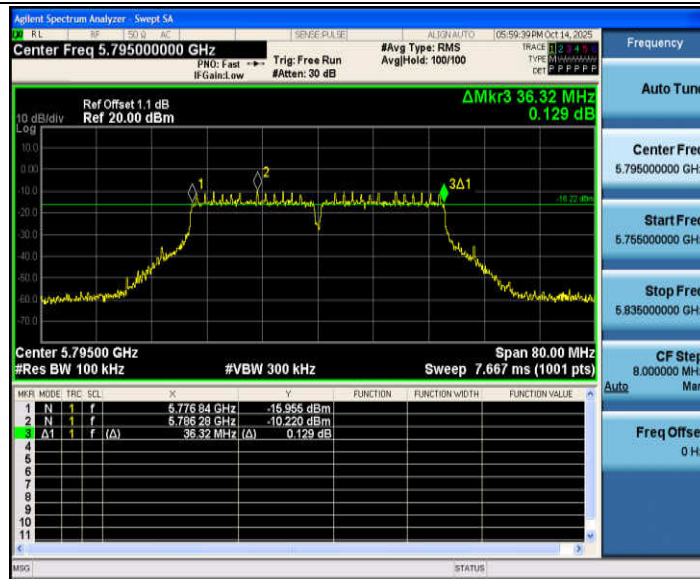
11AC20SISO_Ant1_5825



11AC40SISO_Ant1_5755



11AC40SISO_Ant1_5795



11AC80SISO_Ant1_5775



Appendix B: Duty Cycle

Test Result

TestMode	Antenna	Freq(MHz)	Transmission Duration [ms]	Transmission Period [ms]	Duty Cycle [%]	Duty factor(dB)	Limit	Verdict
11A	Ant1	5180	0.14	0.19	73.68	1.33	---	---
		5220	0.15	0.19	78.95	1.03	---	---
		5240	0.15	0.20	75.00	1.25	---	---
		5745	0.15	0.20	75.00	1.25	---	---
		5785	0.14	0.19	73.68	1.33	---	---
		5825	0.15	0.20	75.00	1.25	---	---
11N20SISO	Ant1	5180	0.18	0.23	78.26	1.06	---	---
		5220	0.17	0.22	77.27	1.12	---	---
		5240	0.17	0.22	77.27	1.12	---	---
		5745	0.17	0.22	77.27	1.12	---	---
		5785	0.17	0.22	77.27	1.12	---	---
		5825	0.18	0.23	78.26	1.06	---	---
11N40SISO	Ant1	5190	0.18	0.23	78.26	1.06	---	---
		5230	0.18	0.23	78.26	1.06	---	---
		5755	0.18	0.23	78.26	1.06	---	---
		5795	0.18	0.23	78.26	1.06	---	---
11AC20SISO	Ant1	5180	0.16	0.21	76.19	1.18	---	---
		5220	0.17	0.22	77.27	1.12	---	---
		5240	0.16	0.21	76.19	1.18	---	---
		5745	0.16	0.21	76.19	1.18	---	---
		5785	0.16	0.21	76.19	1.18	---	---
		5825	0.16	0.21	76.19	1.18	---	---
11AC40SISO	Ant1	5190	0.16	0.21	76.19	1.18	---	---
		5230	0.16	0.21	76.19	1.18	---	---
		5755	0.16	0.21	76.19	1.18	---	---
		5795	0.16	0.21	76.19	1.18	---	---
11AC80SISO	Ant1	5210	0.16	0.21	76.19	1.18	---	---
		5775	0.16	0.21	76.19	1.18	---	---

Test Graphs

