

FCC Appendix RF Test Data for 5GWIFI

FCC ID : 2BQZB-G1668-01

Company : Shenzhen GPD Technology Co., Ltd.

EUT : Micro Computer

Model Number : G1668-01

Report No. : CTA26070200304

Reviewed By : Eric Wang

Appendix RF Test Data for 5GWIFI ANT1

Appendix A1: Emission Bandwidth

Test Result

TestMode	Antenna	Freq(MHz)	26db EBW [MHz]	FL[MHz]	FH[MHz]	Limit[MHz]	Verdict
11A	Ant1	5180	23.720	5167.920	5191.640	---	---
		5220	23.240	5208.400	5231.640	---	---
		5240	23.840	5227.800	5251.640	---	---
		5745	24.480	5732.800	5757.280	---	---
		5785	24.520	5772.800	5797.320	---	---
		5825	24.840	5812.800	5837.640	---	---
11N20SISO	Ant1	5180	24.480	5168.000	5192.480	---	---
		5220	23.880	5207.960	5231.840	---	---
		5240	24.400	5227.480	5251.880	---	---
		5745	24.960	5732.320	5757.280	---	---
		5785	24.960	5772.640	5797.600	---	---
		5825	24.920	5812.000	5836.920	---	---
11N40SISO	Ant1	5190	42.000	5169.120	5211.120	---	---
		5230	42.640	5208.960	5251.600	---	---
		5755	44.960	5732.760	5777.720	---	---
		5795	43.840	5773.400	5817.240	---	---
11AC20SISO	Ant1	5180	23.120	5168.600	5191.720	---	---
		5220	23.360	5208.520	5231.880	---	---
		5240	23.440	5228.160	5251.600	---	---
		5745	23.840	5733.040	5756.880	---	---
		5785	24.520	5772.880	5797.400	---	---
		5825	24.120	5812.920	5837.040	---	---
11AC40SISO	Ant1	5190	42.720	5168.720	5211.440	---	---
		5230	42.160	5209.040	5251.200	---	---
		5755	43.600	5733.400	5777.000	---	---
		5795	43.440	5773.480	5816.920	---	---
11AC80SISO	Ant1	5210	85.920	5166.800	5252.720	---	---
		5775	85.120	5732.600	5817.720	---	---

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



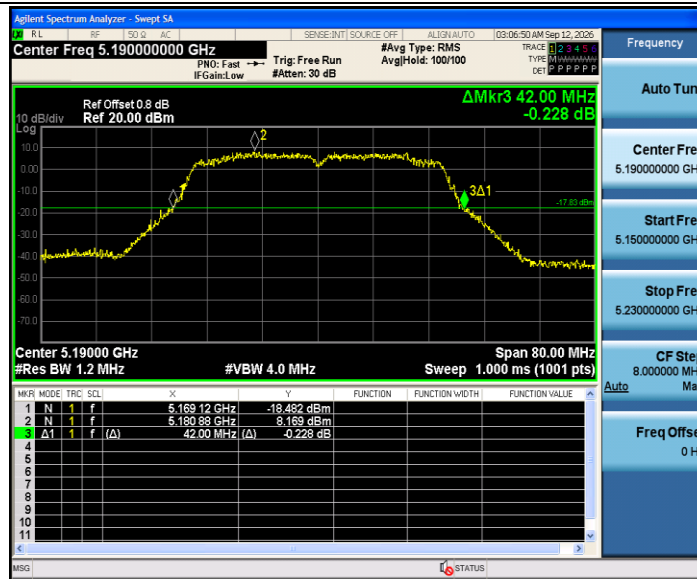
11N20SISO_Ant1_5785



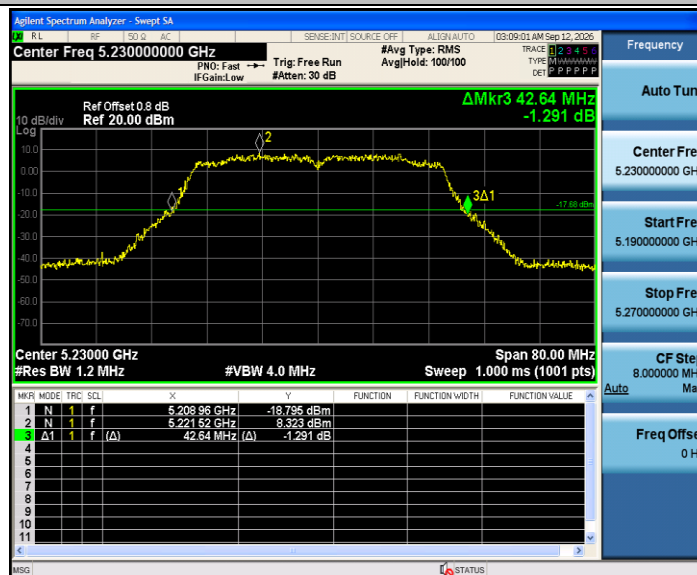
11N20SISO_Ant1_5825



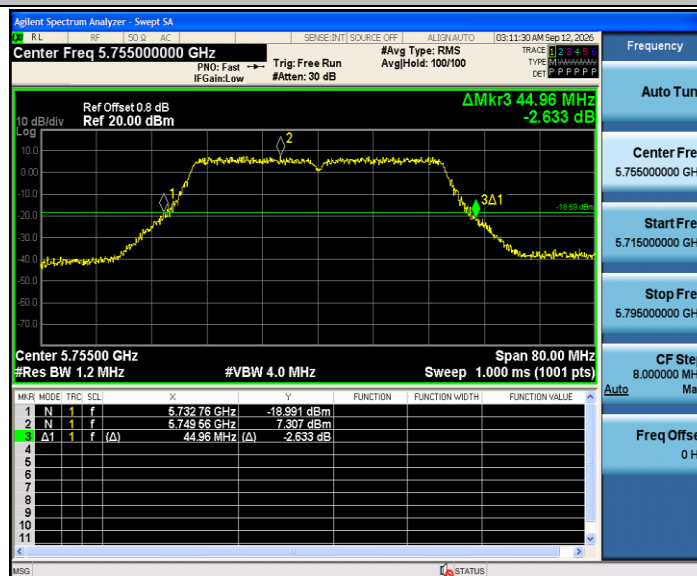
11N40SISO_Ant1_5190



11N40SISO_Ant1_5230



11N40SISO_Ant1_5755



11N40SISO_Ant1_5795



11AC20SISO_Ant1_5180



11AC20SISO_Ant1_5220



11AC20SISO_Ant1_5240



11AC20SISO_Ant1_5745



11AC20SISO_Ant1_5785



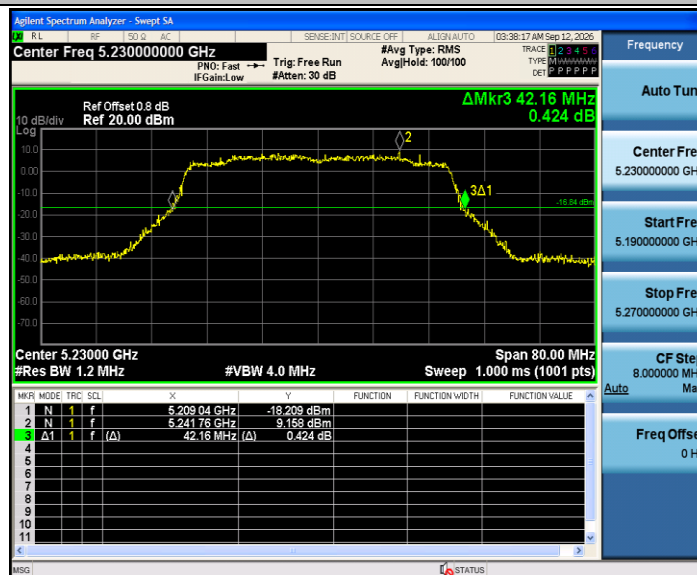
11AC20SISO_Ant1_5825



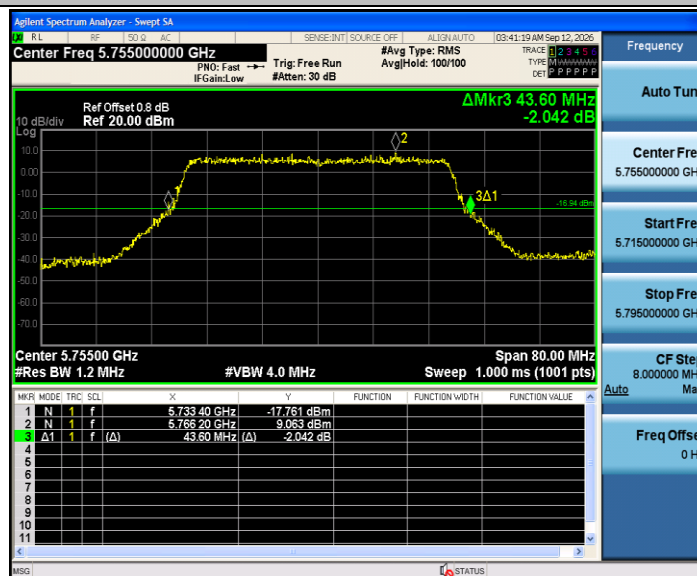
11AC40SISO_Ant1_5190



11AC40SISO_Ant1_5230



11AC40SISO_Ant1_5755



11AC40SISO_Ant1_5795



11AC80SISO_Ant1_5210



11AC80SISO_Ant1_5775

Appendix A2: Occupied channel bandwidth

Test Result

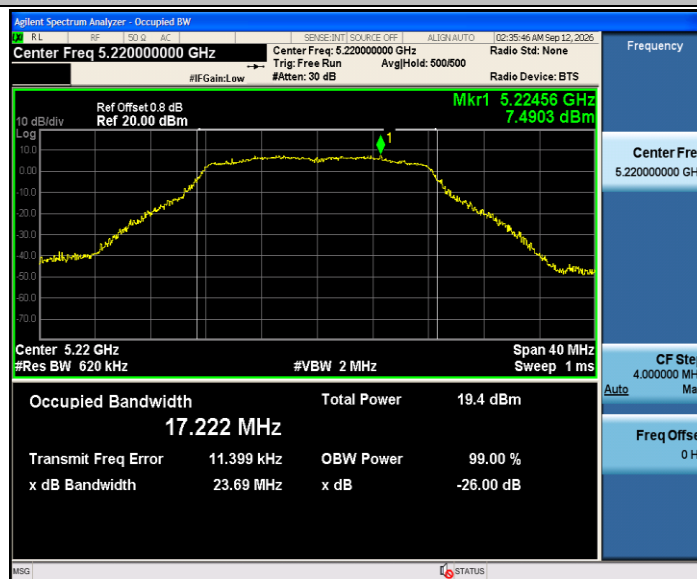
TestMode	Antenna	Freq(MHz)	OCB [MHz]	FL[MHz]	FH[MHz]	Limit[MHz]	Verdict
11A	Ant1	5180	17.302	5171.3621	5188.6641	---	---
		5220	17.222	5211.4004	5228.6224	---	---
		5240	17.262	5231.3787	5248.6407	---	---
		5745	17.685	5736.1455	5753.8305	---	---
		5785	17.694	5776.1747	5793.8687	---	---
		5825	17.706	5816.1522	5833.8582	---	---
11N20SISO	Ant1	5180	18.330	5170.8634	5189.1934	---	---
		5220	18.320	5210.8176	5229.1376	---	---
		5240	18.297	5230.8586	5249.1556	---	---
		5745	18.674	5735.6575	5754.3315	---	---
		5785	18.688	5775.6623	5794.3503	---	---
		5825	18.718	5815.5980	5834.3160	---	---
11N40SISO	Ant1	5190	36.270	5171.8729	5208.1429	---	---
		5230	36.287	5211.9211	5248.2081	---	---
		5755	36.972	5736.5838	5773.5558	---	---
		5795	36.931	5776.6248	5813.5558	---	---
11AC20SISO	Ant1	5180	19.135	5170.4714	5189.6064	---	---
		5220	19.132	5210.4473	5229.5793	---	---
		5240	19.129	5230.4645	5249.5935	---	---
		5745	19.369	5735.3294	5754.6984	---	---
		5785	19.395	5775.3418	5794.7368	---	---
		5825	19.386	5815.3013	5834.6873	---	---
11AC40SISO	Ant1	5190	37.760	5171.2269	5208.9869	---	---
		5230	37.762	5211.1785	5248.9405	---	---
		5755	38.242	5735.9478	5774.1898	---	---
		5795	38.231	5775.9803	5814.2113	---	---
11AC80SISO	Ant1	5210	77.041	5171.5666	5248.6076	---	---
		5775	77.061	5736.6319	5813.6929	---	---

Test Graphs

11A_Ant1_5180



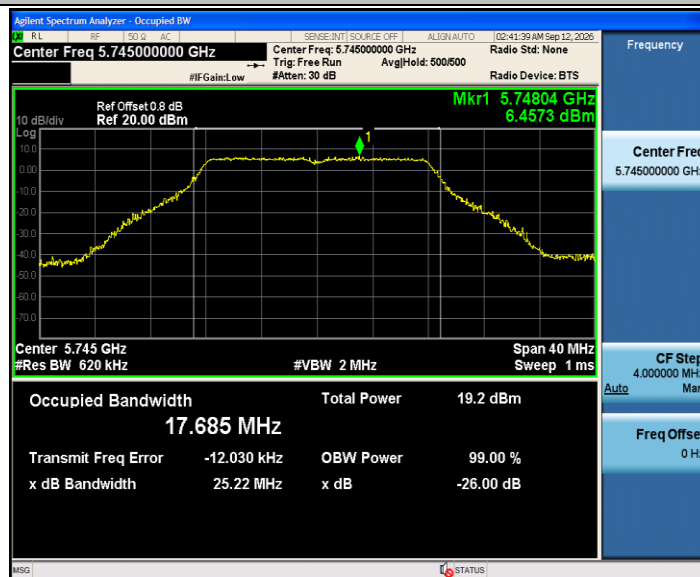
11A_Ant1_5220



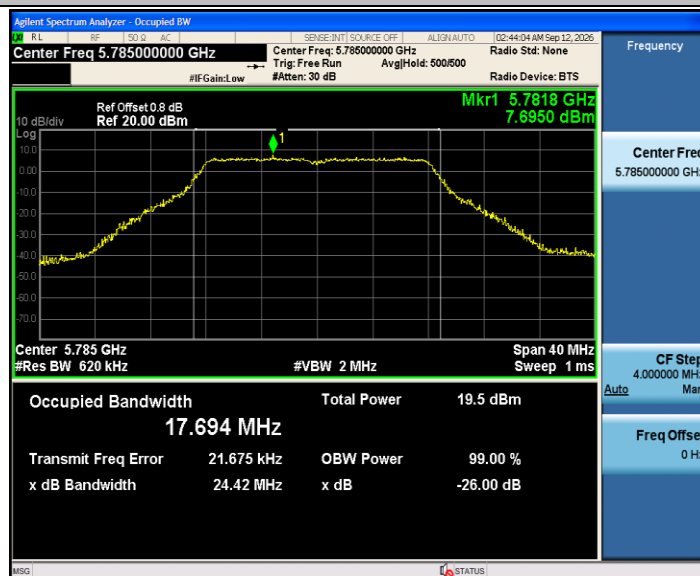
11A_Ant1_5240



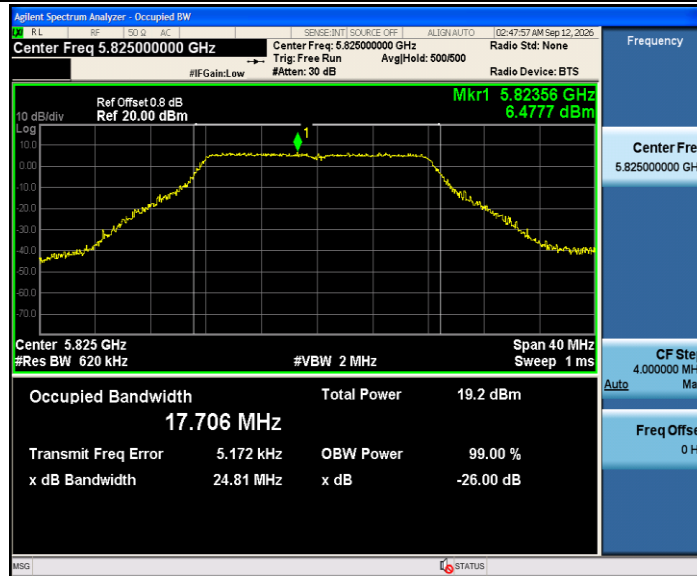
11A_Ant1_5745



11A_Ant1_5785



11A_Ant1_5825



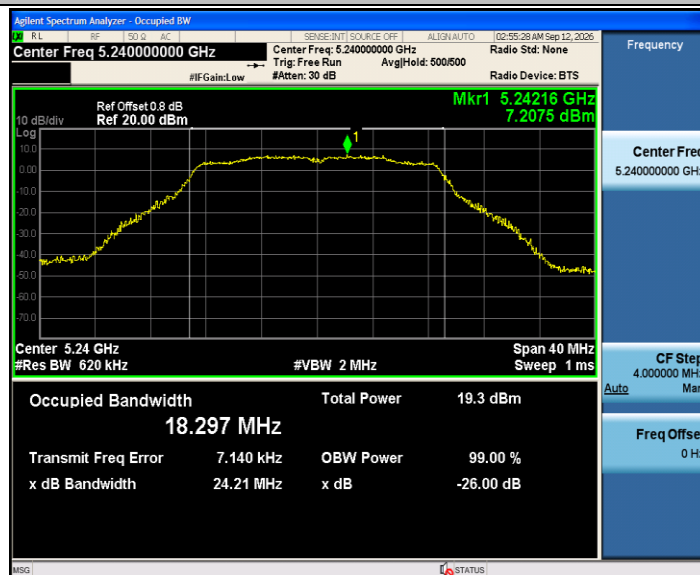
11N20SISO_Ant1_5180



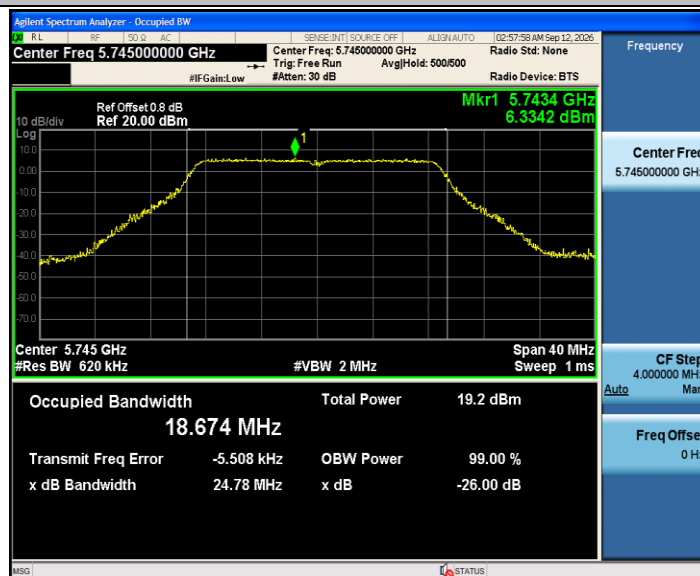
11N20SISO_Ant1_5220



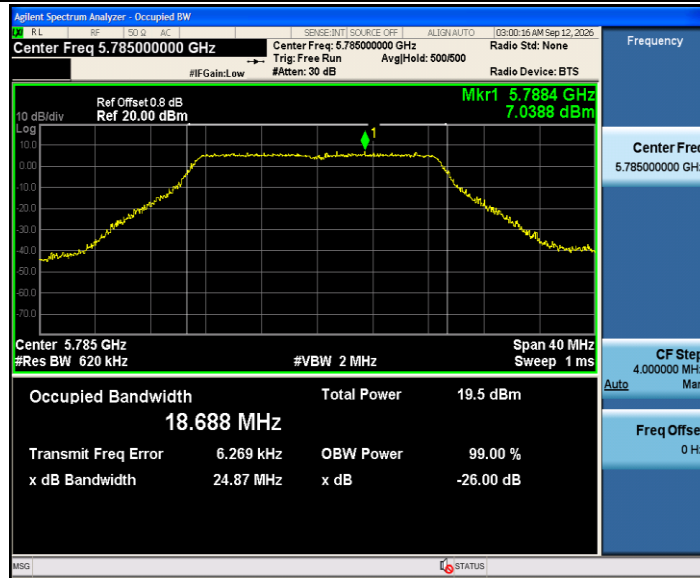
11N20SISO_Ant1_5240



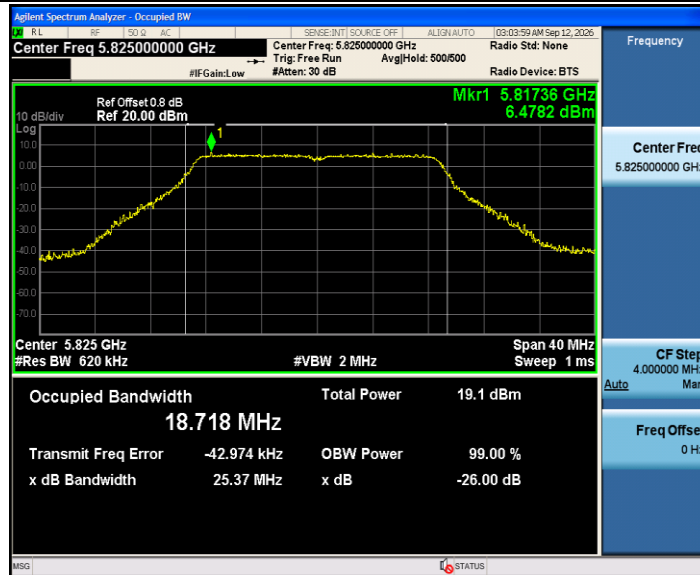
11N20SISO_Ant1_5745



11N20SISO_Ant1_5785



11N20SISO_Ant1_5825



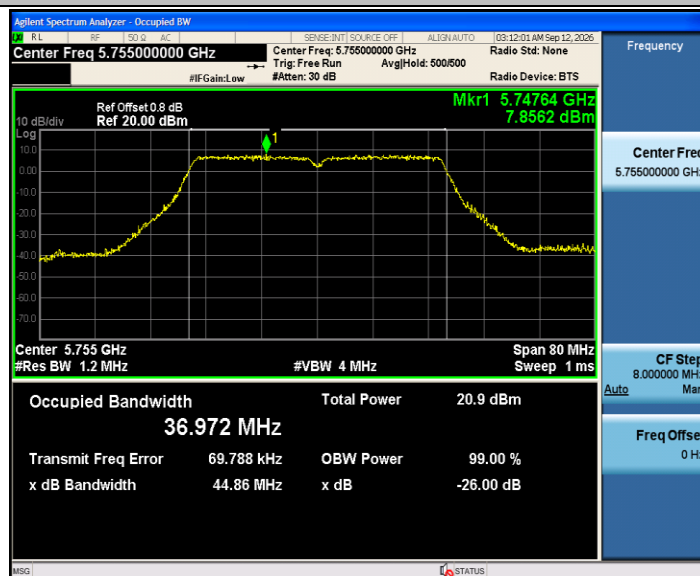
11N40SISO_Ant1_5190



11N40SISO_Ant1_5230



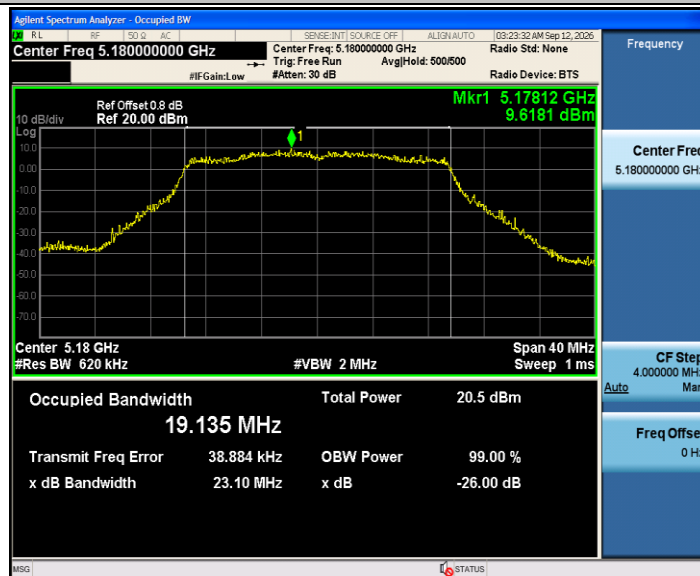
11N40SISO_Ant1_5755



11N40SISO_Ant1_5795



11AC20SISO_Ant1_5180



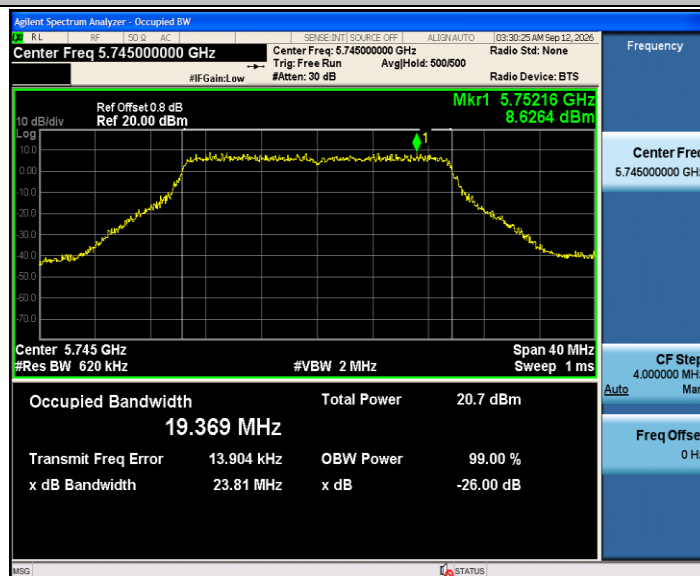
11AC20SISO_Ant1_5220



11AC20SISO_Ant1_5240



11AC20SISO_Ant1_5745



11AC20SISO_Ant1_5785



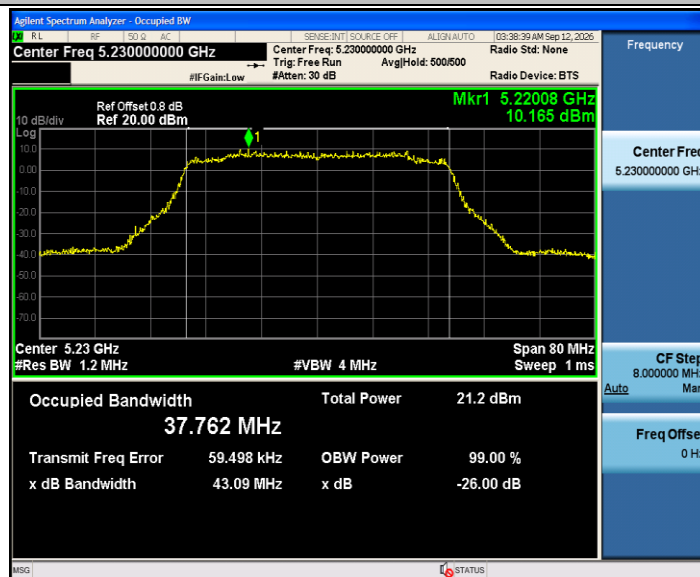
11AC20SISO_Ant1_5825



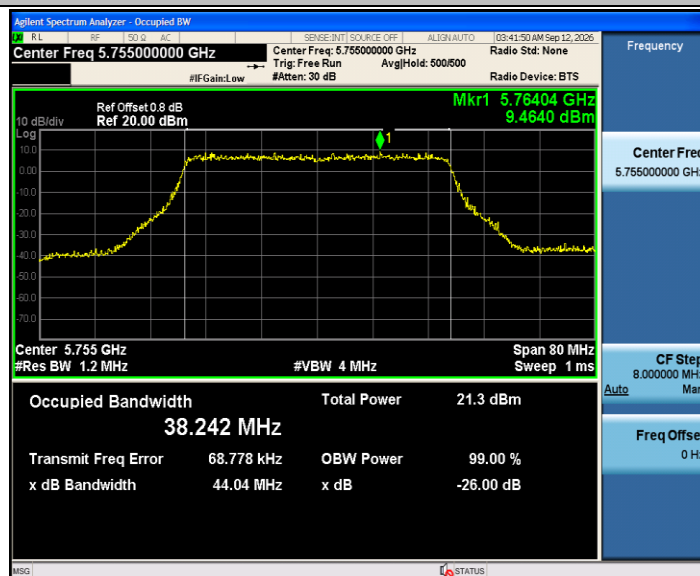
11AC40SISO_Ant1_5190



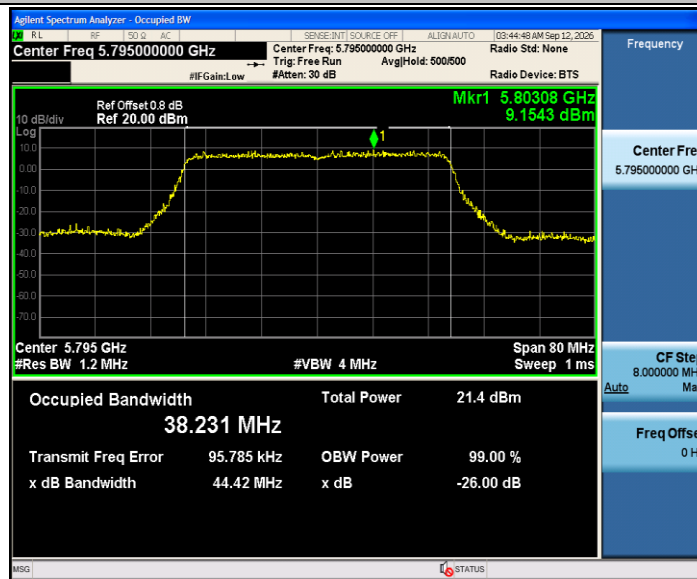
11AC40SISO_Ant1_5230



11AC40SISO_Ant1_5755



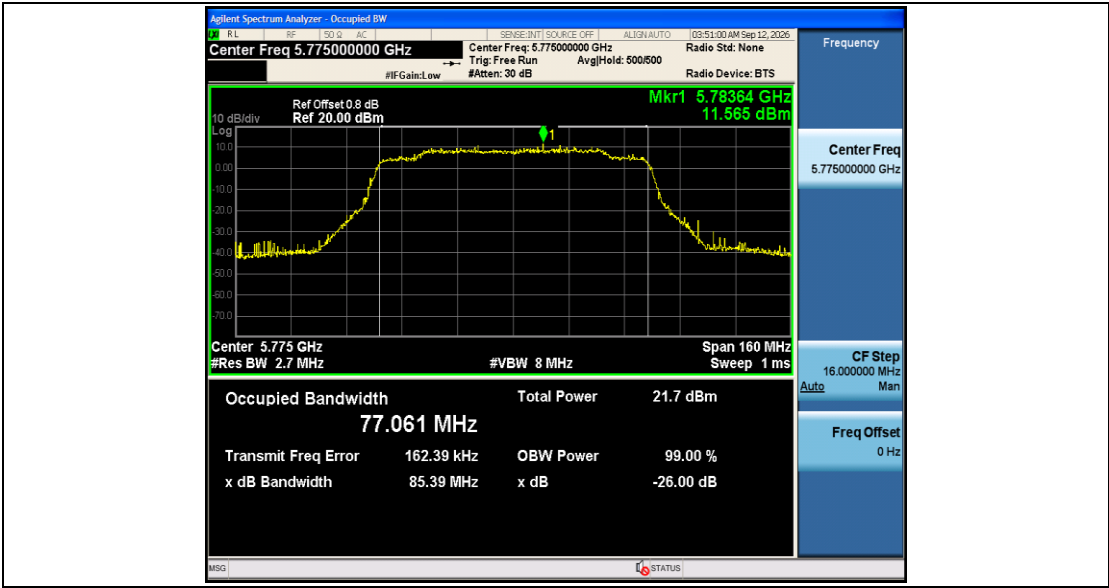
11AC40SISO_Ant1_5795



11AC80SISO_Ant1_5210



11AC80SISO_Ant1_5775

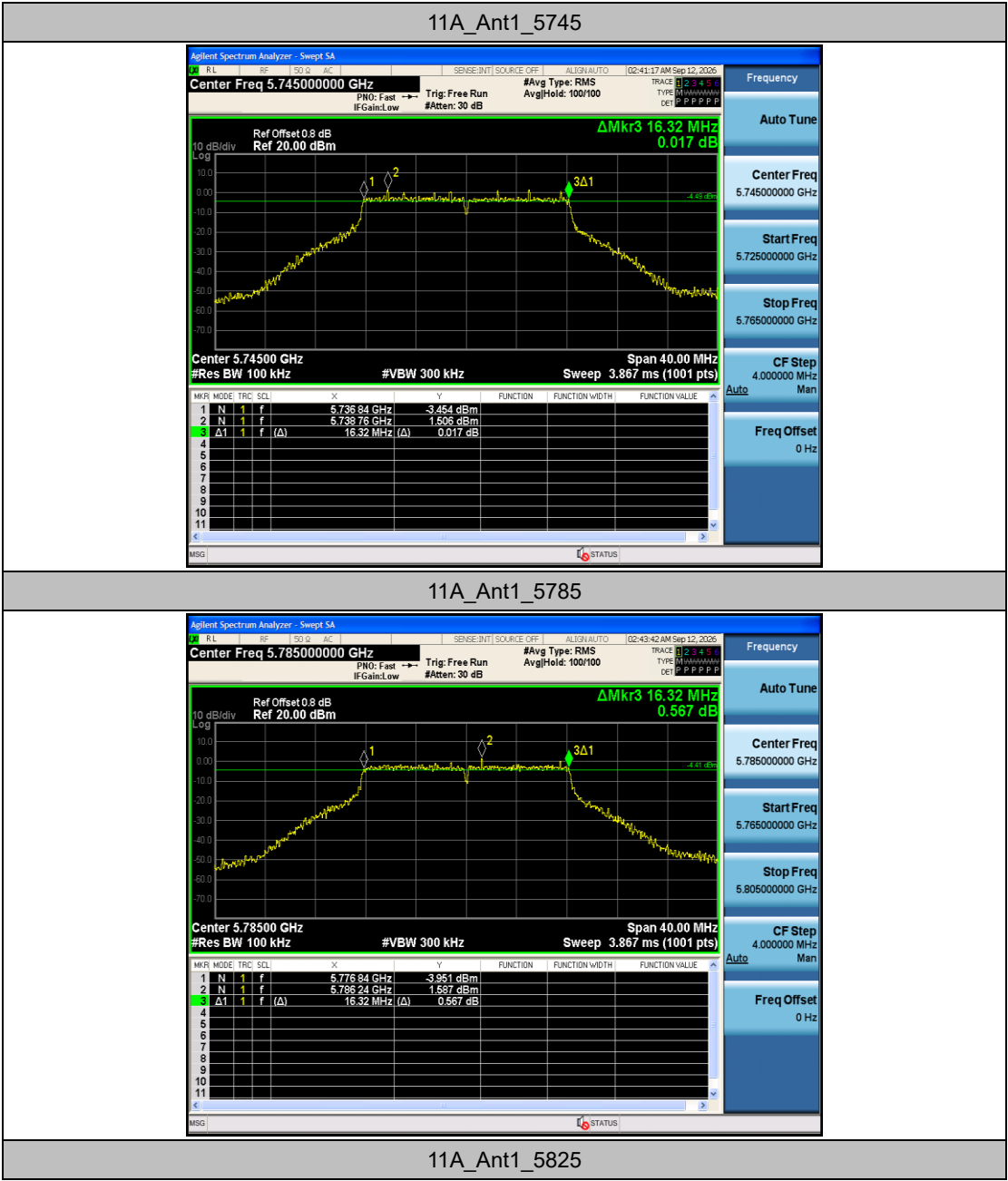


Appendix A3: Min emission bandwidth

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	17.600	5736.200	5753.800	0.5	PASS
		5785	17.600	5776.200	5793.800	0.5	PASS
		5825	17.560	5816.200	5833.760	0.5	PASS
11N40SISO	Ant1	5755	36.320	5736.840	5773.160	0.5	PASS
		5795	36.320	5776.840	5813.160	0.5	PASS
11AC20SISO	Ant1	5745	18.720	5735.520	5754.240	0.5	PASS
		5785	19.040	5775.440	5794.480	0.5	PASS
		5825	18.920	5815.560	5834.480	0.5	PASS
11AC40SISO	Ant1	5755	37.680	5736.280	5773.960	0.5	PASS
		5795	38.000	5776.040	5814.040	0.5	PASS
11AC80SISO	Ant1	5775	70.560	5739.000	5809.560	0.5	PASS

Test Graphs B4

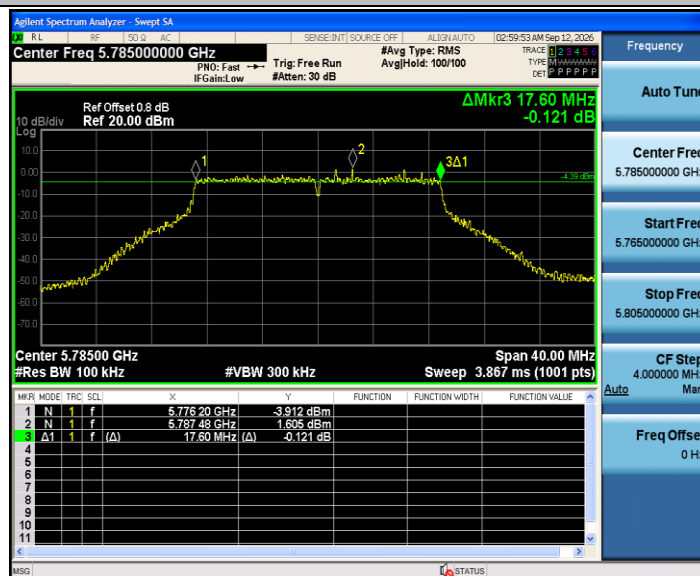




11N20SISO_Ant1_5745



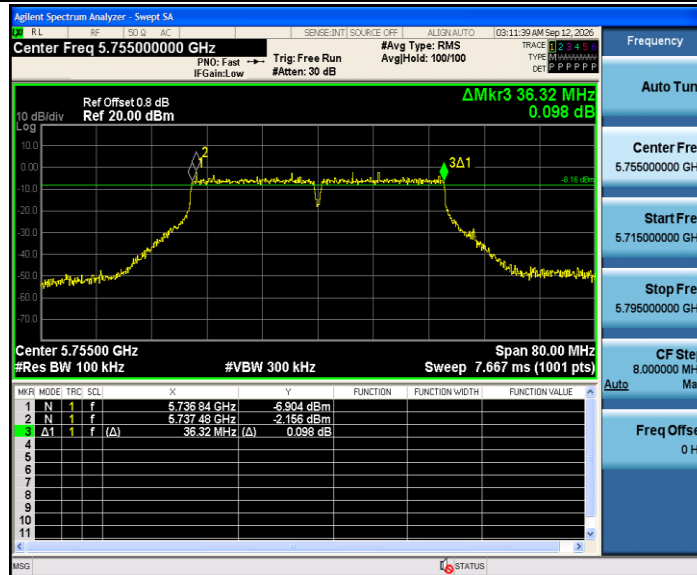
11N20SISO_Ant1_5785



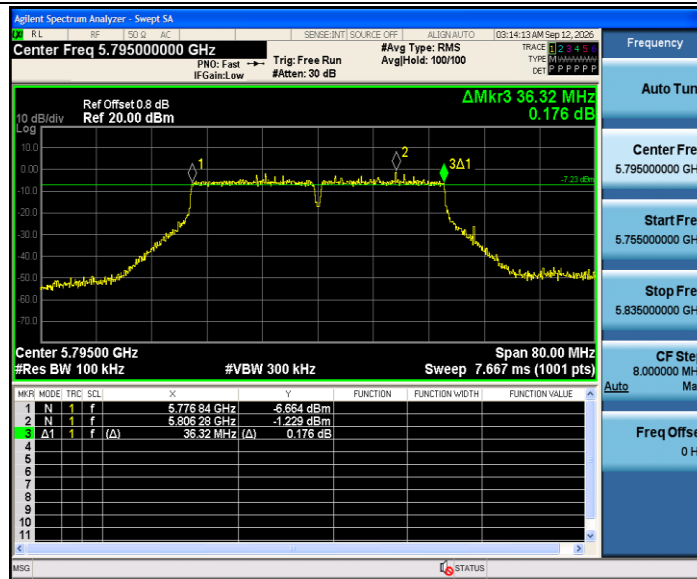
11N20SISO_Ant1_5825



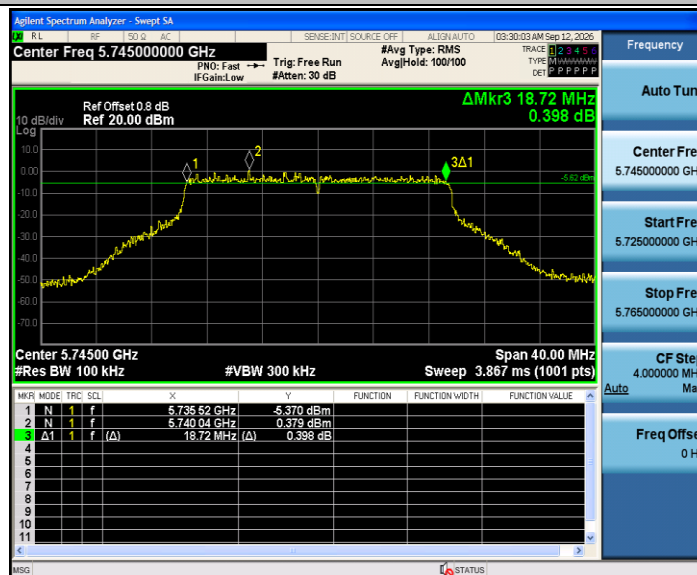
11N40SISO_Ant1_5755



11N40SISO_Ant1_5795



11AC20SISO_Ant1_5745



11AC20SISO_Ant1_5785

