

FCC Appendix RF Test Data

FCC ID : 2A35W-H96MAXRK3518

Company: : Shenzhen Haochuangyi Technology Co.,Ltd.

EUT : H96 Max RK3518

Model Number : H96 Max RK3518

Report No. : CTA25040900503

Reviewed By : Eric Wang

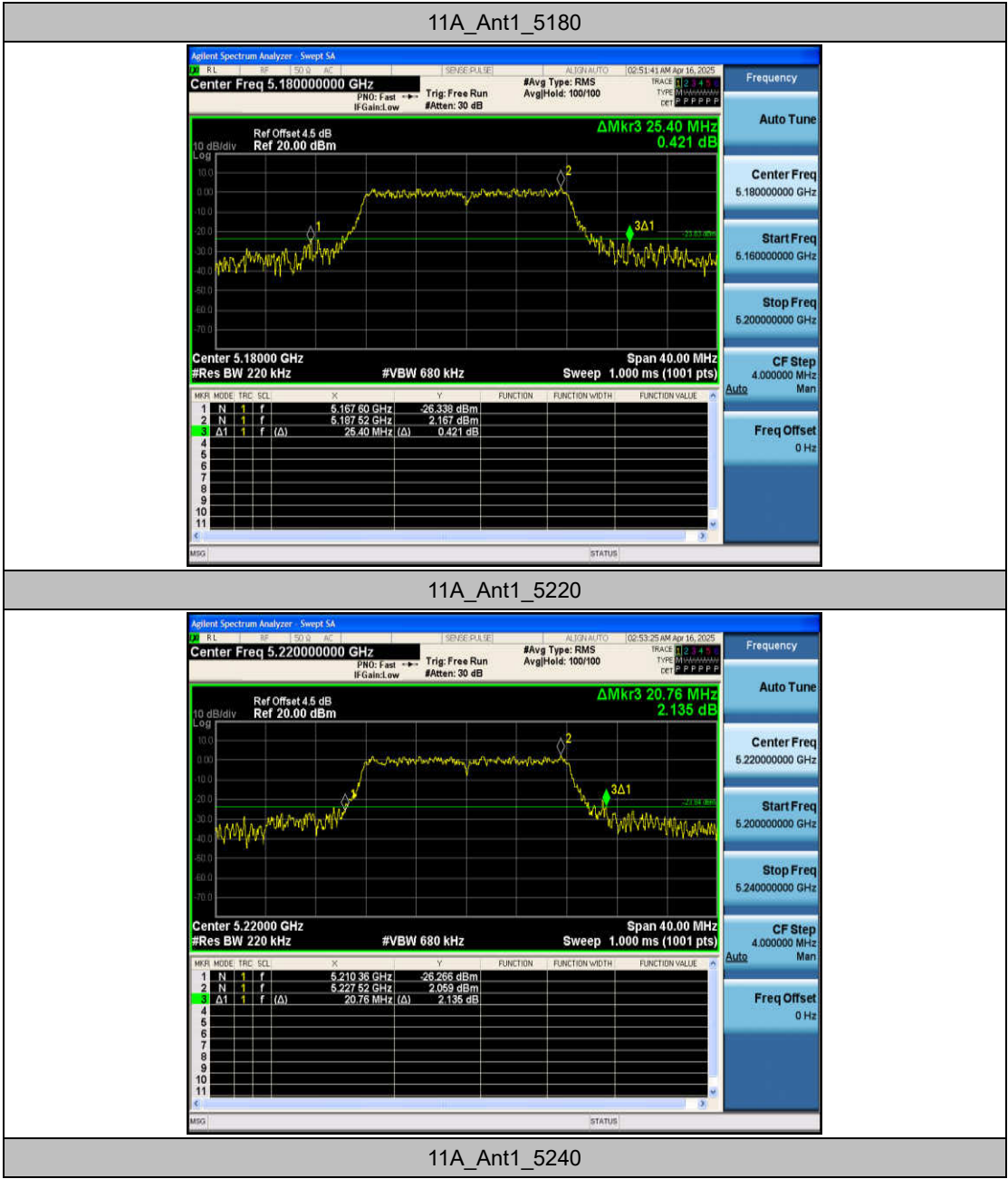
Appendix A1: Emission Bandwidth

Test Result

TestMode	Antenna	Freq(MHz)	26db EBW [MHz]	FL[MHz]	FH[MHz]	Limit[MHz]	Verdict
11A	Ant1	5180	25.400	5167.600	5193.000	---	---
		5220	20.760	5210.360	5231.120	---	---
		5240	22.560	5228.480	5251.040	---	---
		5745	25.960	5732.720	5758.680	---	---
		5785	22.160	5774.160	5796.320	---	---
		5825	23.000	5813.000	5836.000	---	---
11N20SISO	Ant1	5180	25.040	5168.360	5193.400	---	---
		5220	24.720	5208.000	5232.720	---	---
		5240	24.560	5227.840	5252.400	---	---
		5745	27.160	5731.880	5759.040	---	---
		5785	28.280	5770.040	5798.320	---	---
		5825	26.400	5812.800	5839.200	---	---
11N40SISO	Ant1	5190	48.320	5168.800	5217.120	---	---
		5230	43.920	5208.640	5252.560	---	---
		5755	52.720	5725.640	5778.360	---	---
		5795	49.680	5767.720	5817.400	---	---
11AC20SISO	Ant1	5180	25.840	5167.000	5192.840	---	---
		5220	22.560	5209.360	5231.920	---	---
		5240	27.960	5223.080	5251.040	---	---
		5745	22.200	5733.000	5755.200	---	---
		5785	22.760	5773.920	5796.680	---	---
		5825	22.760	5813.440	5836.200	---	---
11AC40SISO	Ant1	5190	48.480	5170.400	5218.880	---	---
		5230	47.360	5208.560	5255.920	---	---
		5755	49.440	5727.720	5777.160	---	---
		5795	45.200	5771.800	5817.000	---	---
11AC80SISO	Ant1	5210	84.000	5170.480	5254.480	---	---
		5775	108.640	5720.760	5829.400	---	---
11AX20SISO	Ant1	5180	26.080	5167.520	5193.600	---	---
		5220	23.400	5209.200	5232.600	---	---
		5240	22.480	5230.200	5252.680	---	---
		5745	24.880	5730.680	5755.560	---	---
		5785	22.040	5774.840	5796.880	---	---
		5825	21.960	5815.040	5837.000	---	---
11AX40SISO	Ant1	5190	48.640	5170.320	5218.960	---	---
		5230	48.800	5208.000	5256.800	---	---
		5755	48.000	5729.720	5777.720	---	---

		5795	41.440	5774.520	5815.960	---	---
11AX80SISO	Ant1	5210	84.800	5169.680	5254.480	---	---
		5775	92.160	5725.880	5818.040	---	---

Test Graphs





11A_Ant1_5745



11A_Ant1_5785



11A_Ant1_5825



11N20SISO_Ant1_5180



11N20SISO_Ant1_5220



11N20SISO_Ant1_5240



11N20SISO_Ant1_5745

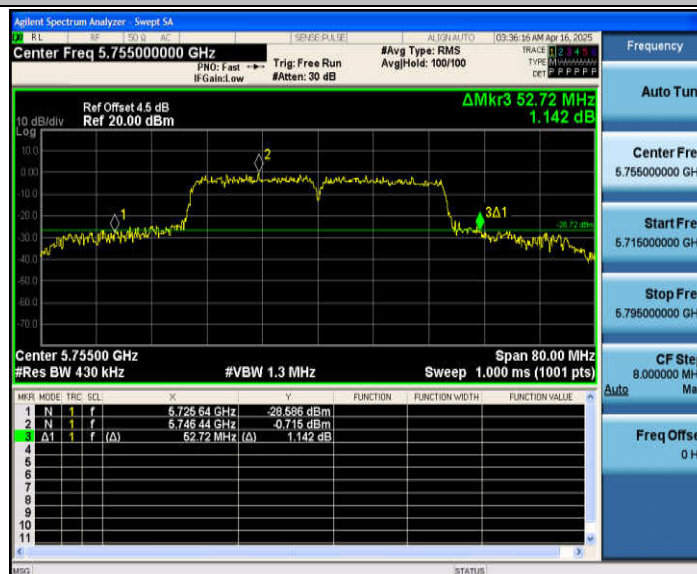




11N40SISO_Ant1_5230



11N40SISO_Ant1_5755



11N40SISO_Ant1_5795



11AC20SISO_Ant1_5180



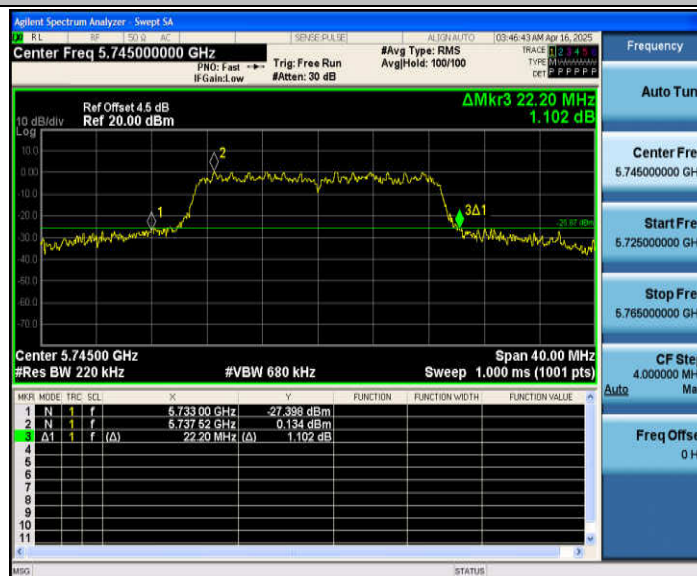
11AC20SISO_Ant1_5220



11AC20SISO_Ant1_5240



11AC20SISO_Ant1_5745



11AC20SISO_Ant1_5785



11AC20SISO_Ant1_5825



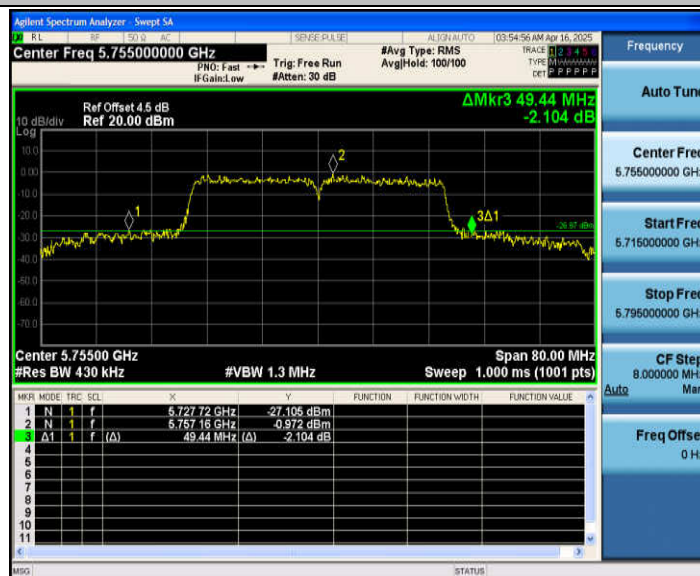
11AC40SISO_Ant1_5190



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



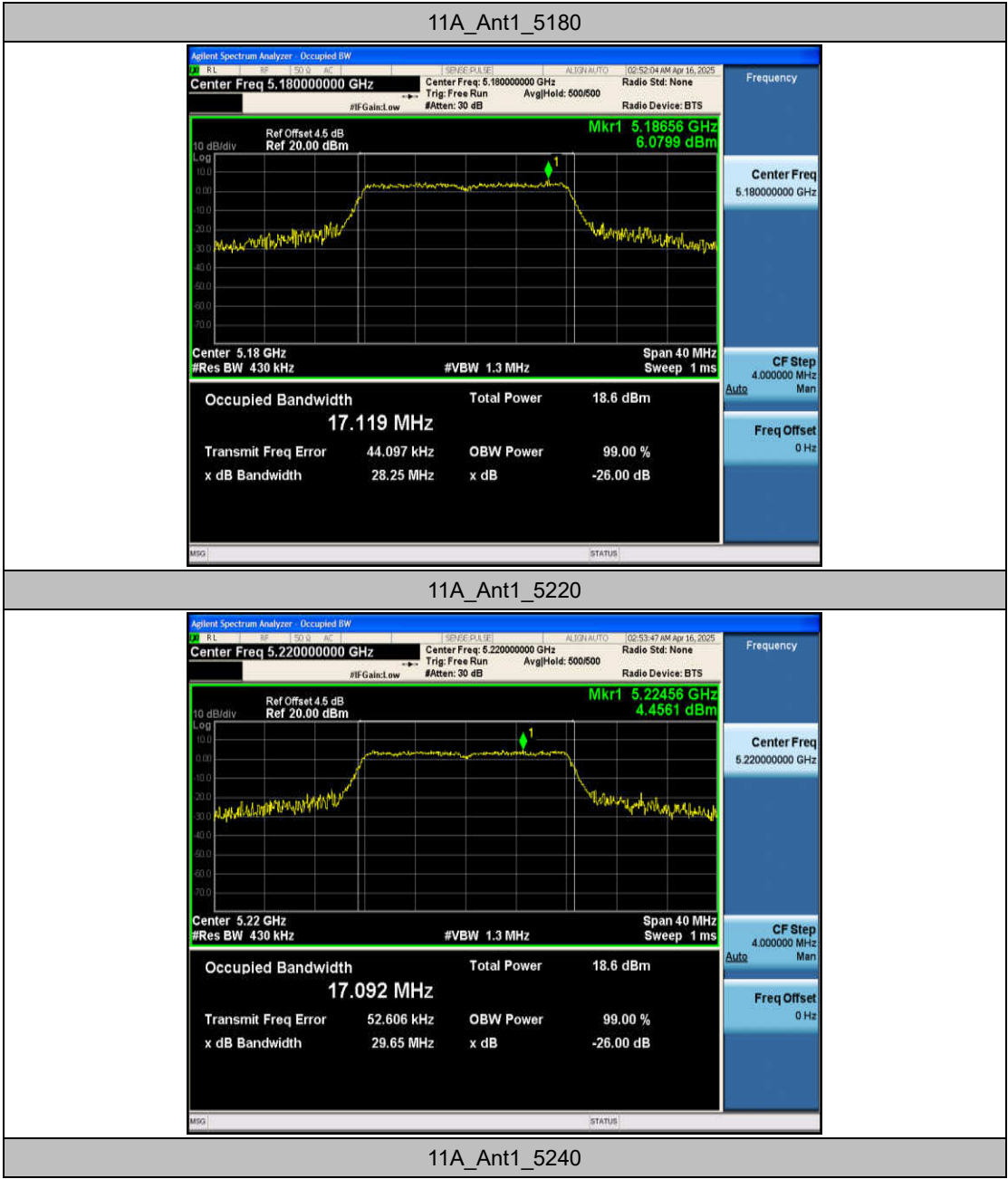
Appendix A2: Occupied channel bandwidth

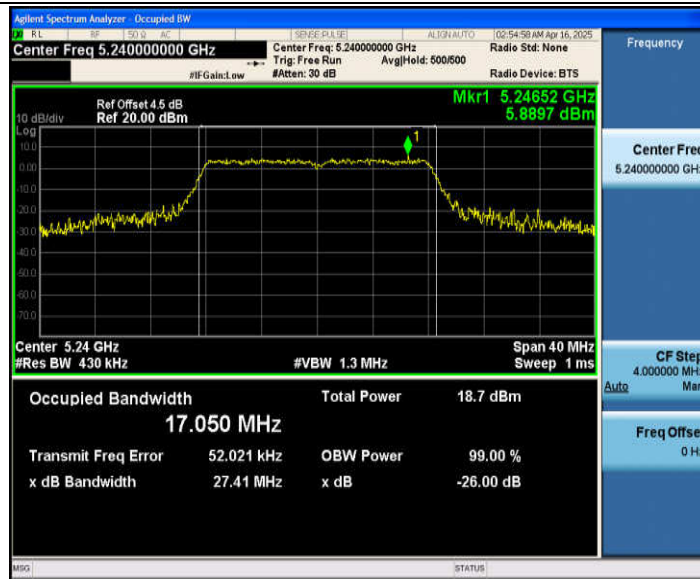
Test Result

TestMode	Antenna	Freq(MHz)	OCB [MHz]	FL[MHz]	FH[MHz]	Limit[MHz]	Verdict
11A	Ant1	5180	17.119	5171.4846	5188.6036	---	---
		5220	17.092	5211.5066	5228.5986	---	---
		5240	17.050	5231.5270	5248.5770	---	---
		5745	17.268	5736.3563	5753.6243	---	---
		5785	17.208	5776.4071	5793.6151	---	---
		5825	17.105	5816.4835	5833.5885	---	---
11N20SISO	Ant1	5180	18.190	5170.9665	5189.1565	---	---
		5220	18.141	5211.0185	5229.1595	---	---
		5240	18.162	5230.9420	5249.1040	---	---
		5745	18.212	5735.8889	5754.1009	---	---
		5785	18.094	5776.0049	5794.0989	---	---
		5825	18.135	5815.9727	5834.1077	---	---
11N40SISO	Ant1	5190	36.739	5171.8490	5208.5880	---	---
		5230	36.790	5211.7255	5248.5155	---	---
		5755	36.594	5736.6602	5773.2542	---	---
		5795	36.493	5776.8070	5813.3000	---	---
11AC20SISO	Ant1	5180	17.866	5171.1322	5188.9982	---	---
		5220	17.900	5211.1141	5229.0141	---	---
		5240	17.866	5231.1032	5248.9692	---	---
		5745	18.019	5736.0088	5754.0278	---	---
		5785	17.925	5776.0280	5793.9530	---	---
		5825	17.882	5816.1007	5833.9827	---	---
11AC40SISO	Ant1	5190	36.655	5171.8730	5208.5280	---	---
		5230	36.751	5211.7078	5248.4588	---	---
		5755	36.466	5736.7490	5773.2150	---	---
		5795	36.393	5776.8526	5813.2456	---	---
11AC80SISO	Ant1	5210	75.949	5172.3028	5248.2518	---	---
		5775	76.107	5736.9275	5813.0345	---	---
11AX20SISO	Ant1	5180	17.872	5171.1063	5188.9783	---	---
		5220	17.856	5211.1212	5228.9772	---	---
		5240	17.903	5231.0617	5248.9647	---	---
		5745	17.981	5736.0072	5753.9882	---	---
		5785	17.908	5776.0654	5793.9734	---	---
		5825	17.910	5816.0853	5833.9953	---	---
11AX40SISO	Ant1	5190	36.601	5171.9060	5208.5070	---	---
		5230	36.641	5211.7893	5248.4303	---	---

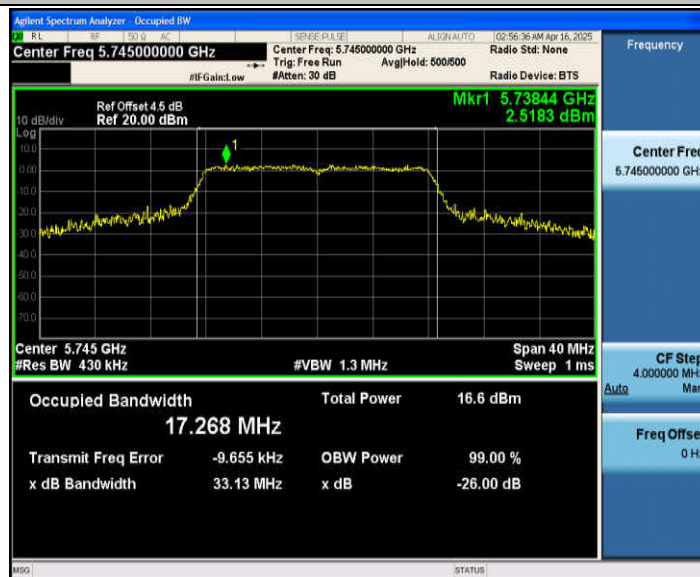
11AX80SISO	Ant1	5755	36.505	5736.7525	5773.2575	---	---
		5795	36.421	5776.8265	5813.2475	---	---
		5210	75.681	5172.4711	5248.1521	---	---
		5775	76.146	5736.9544	5813.1004	---	---

Test Graphs

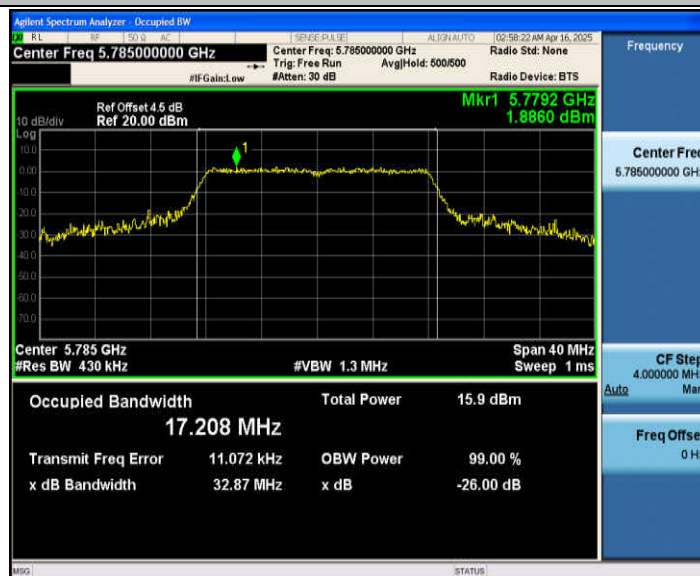




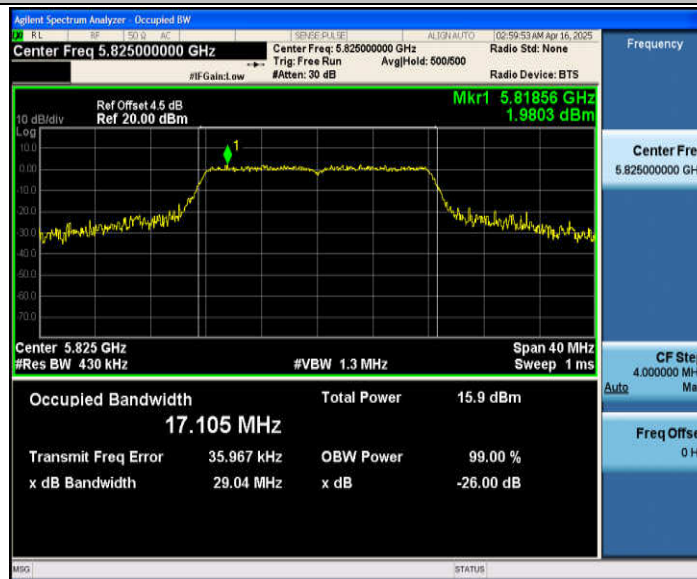
11A_Ant1_5745



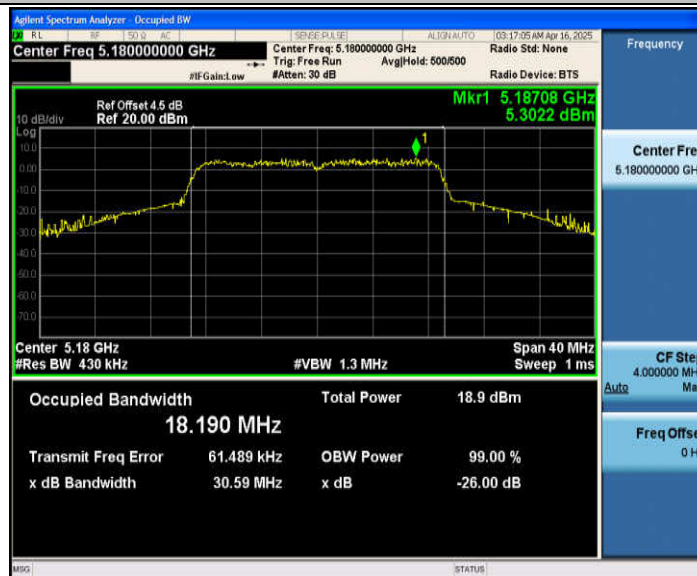
11A_Ant1_5785



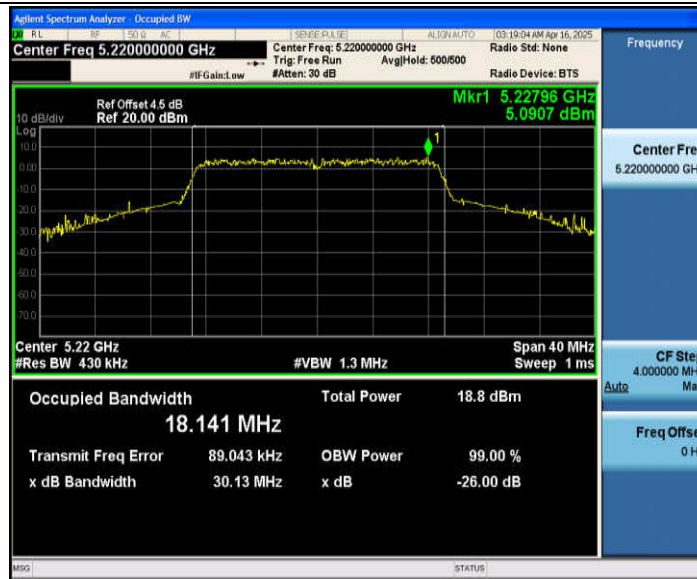
11A_Ant1_5825



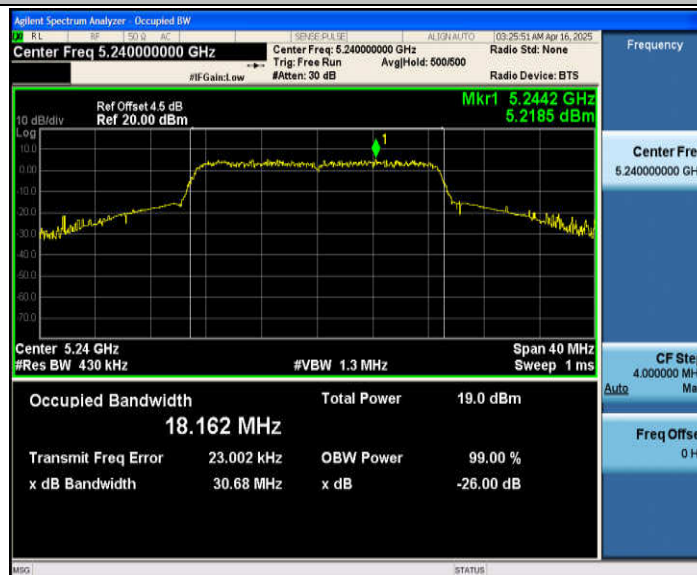
11N20SISO_Ant1_5180



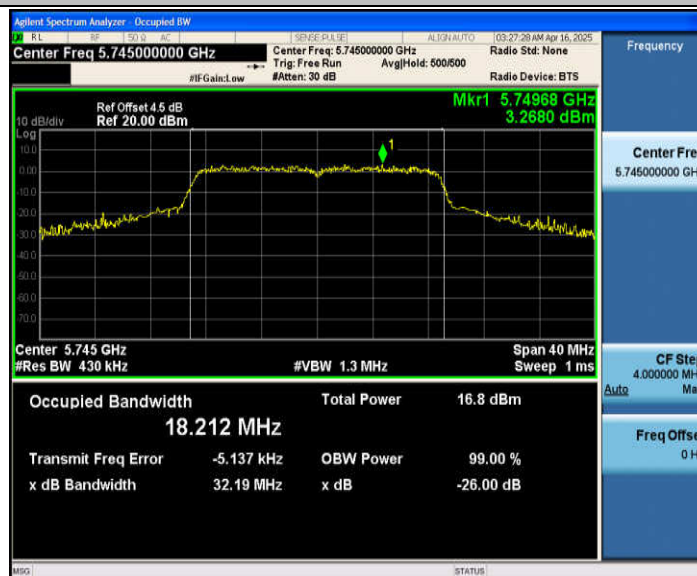
11N20SISO_Ant1_5220



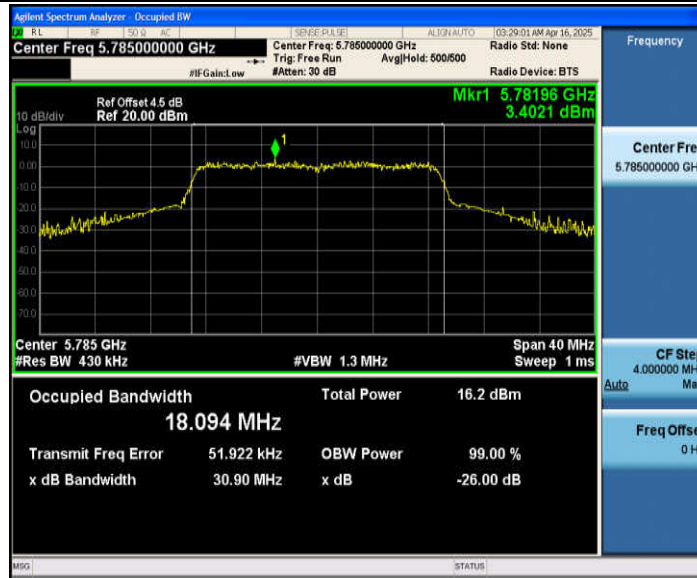
11N20SISO_Ant1_5240



11N20SISO_Ant1_5745



11N20SISO_Ant1_5785



11N20SISO_Ant1_5825



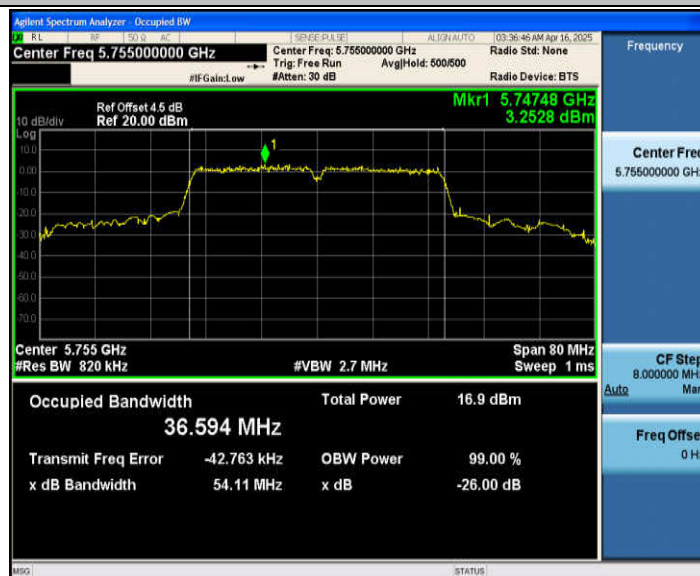
11N40SISO_Ant1_5190



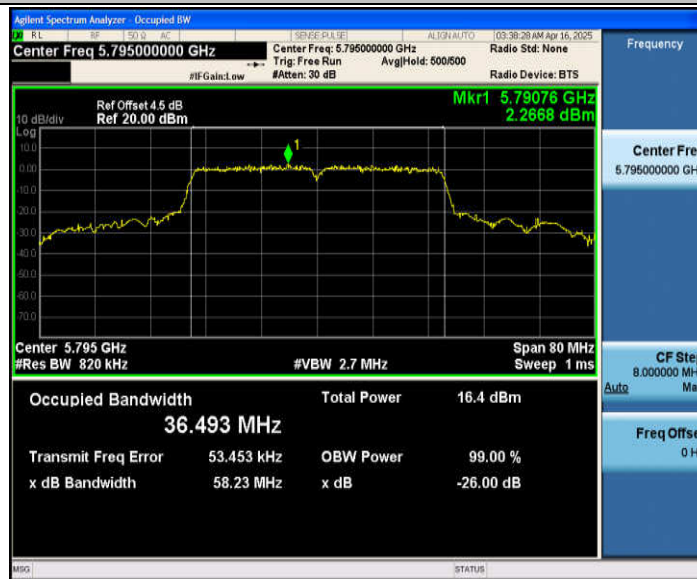
11N40SISO_Ant1_5230



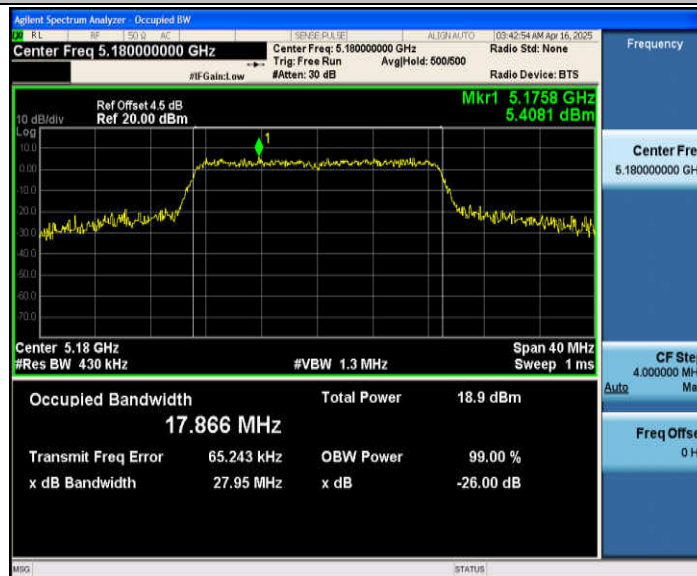
11N40SISO_Ant1_5755



11N40SISO_Ant1_5795



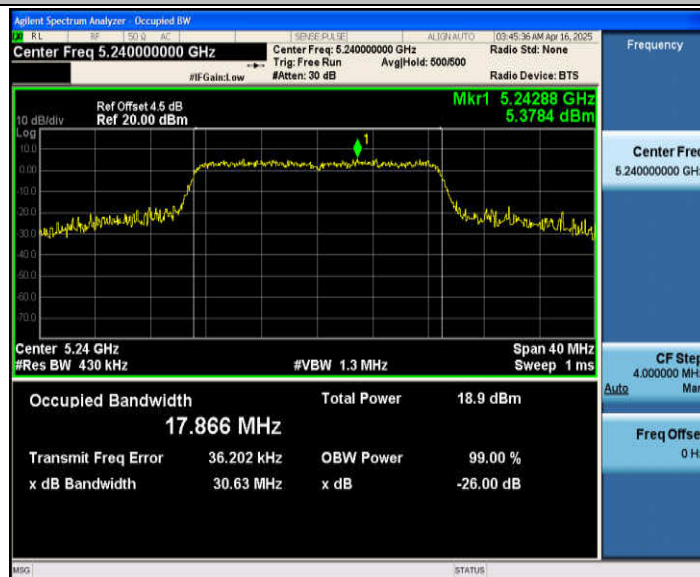
11AC20SISO_Ant1_5180



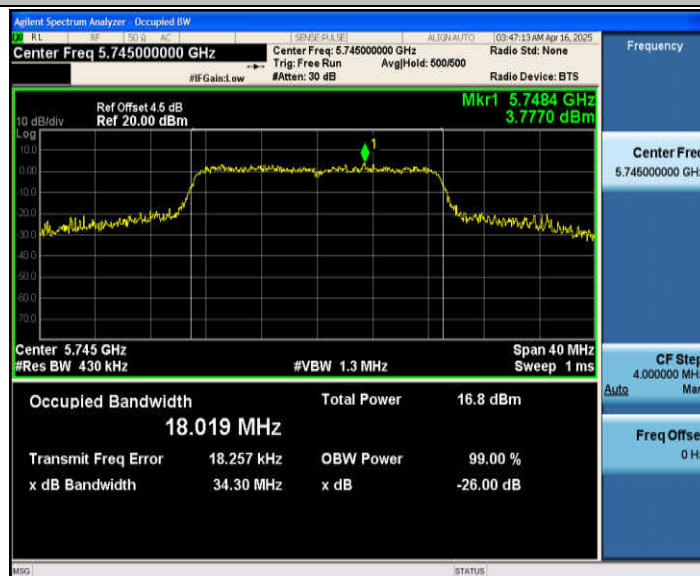
11AC20SISO_Ant1_5220



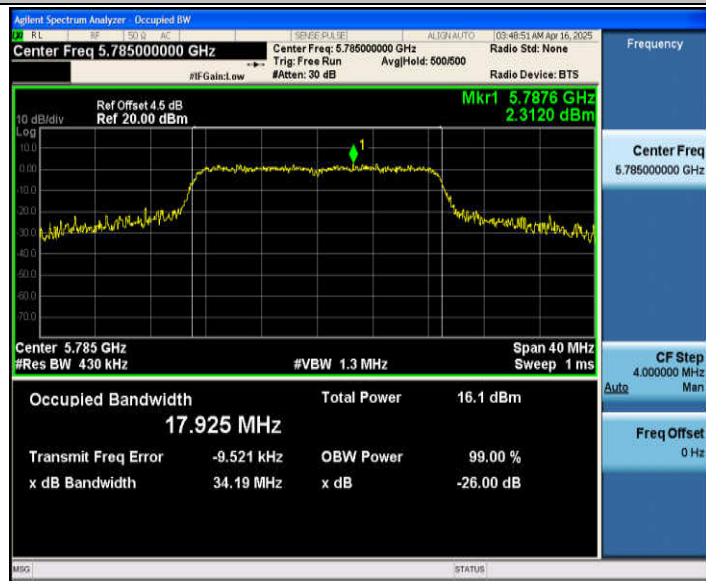
11AC20SISO_Ant1_5240



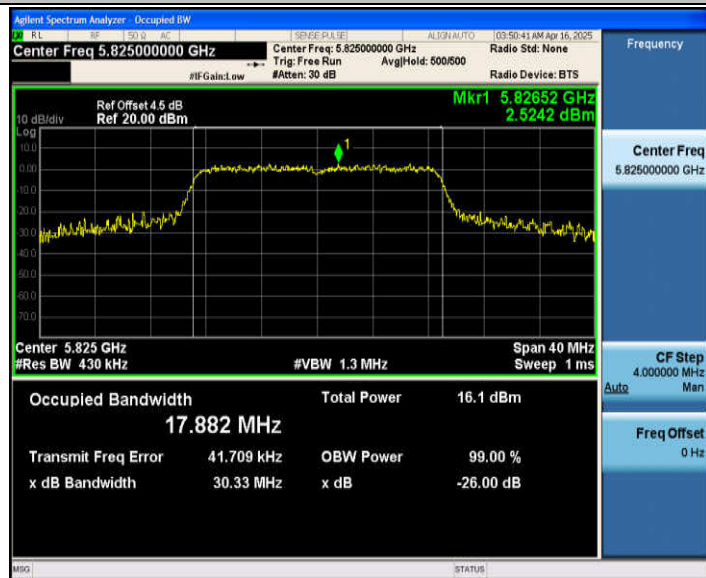
11AC20SISO_Ant1_5745



11AC20SISO_Ant1_5785



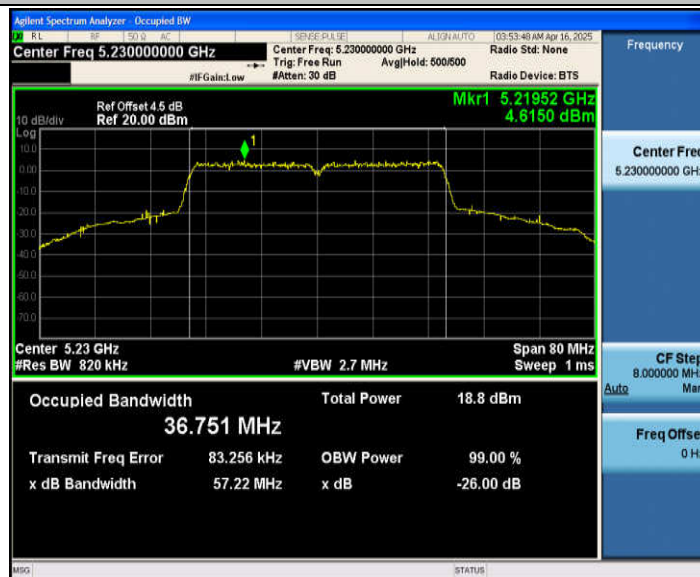
11AC20SISO_Ant1_5825



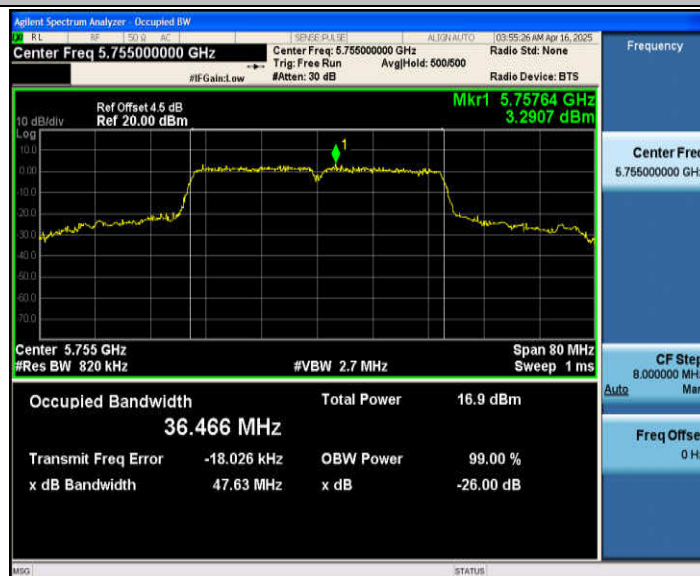
11AC40SISO_Ant1_5190



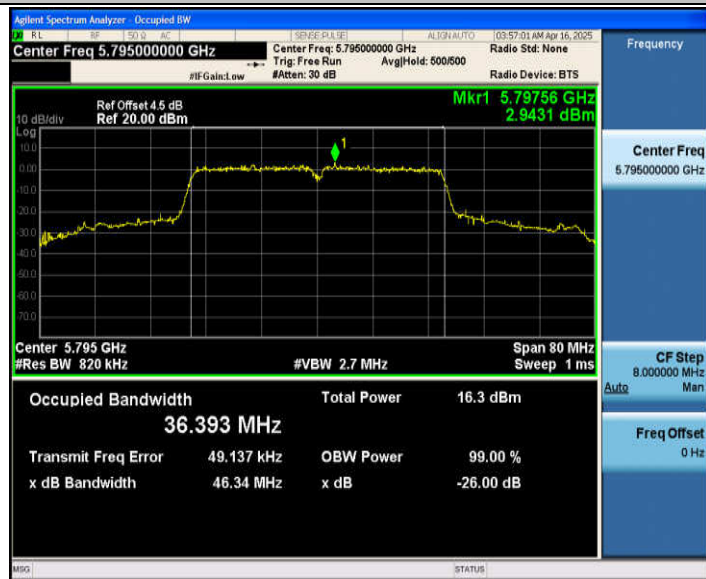
11AC40SISO_Ant1_5230



11AC40SISO_Ant1_5755



11AC40SISO_Ant1_5795



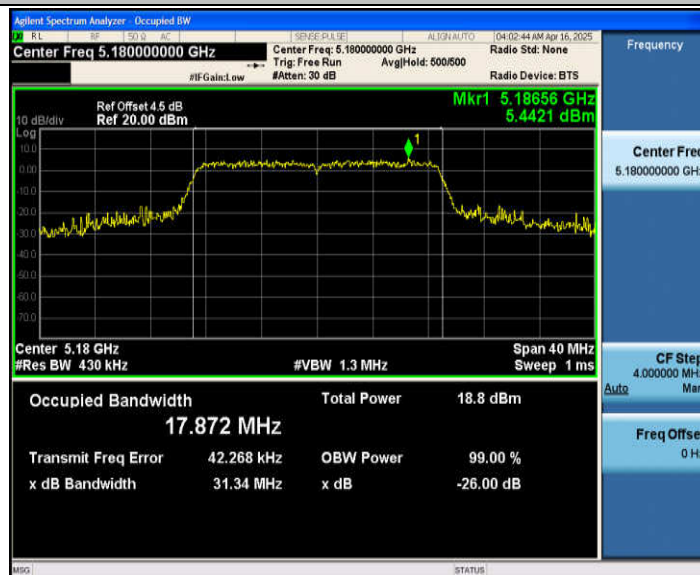
11AC80SISO_Ant1_5210



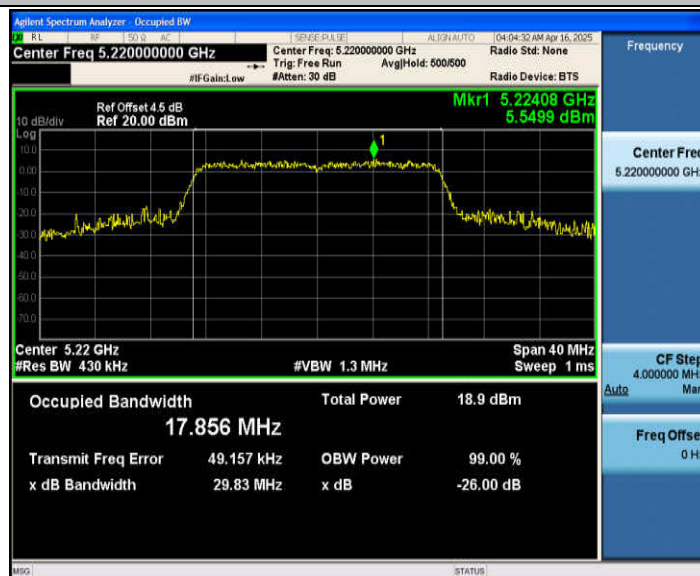
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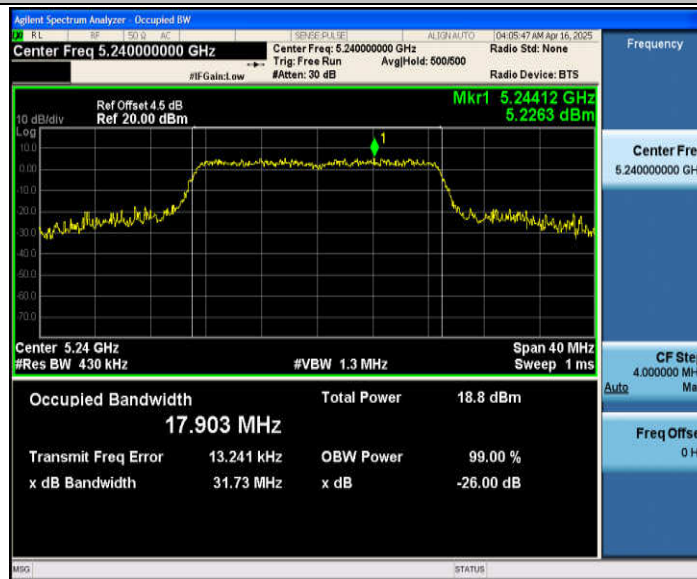
11AX20SISO_Ant1_5180



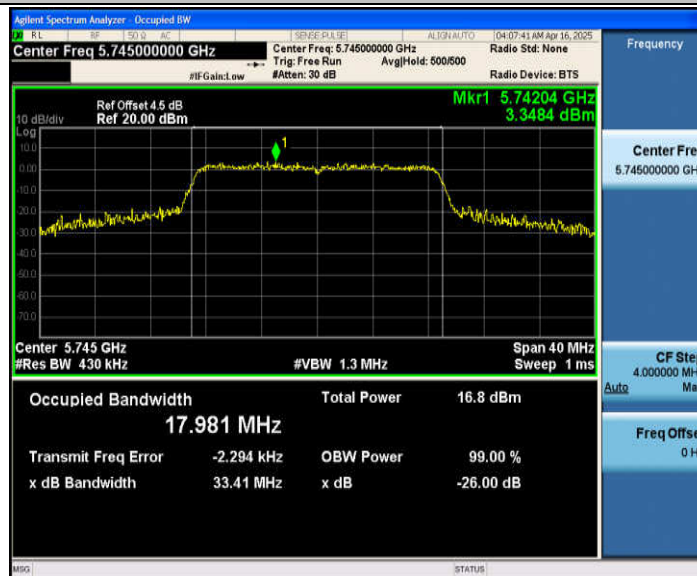
11AX20SISO_Ant1_5220



11AX20SISO_Ant1_5240



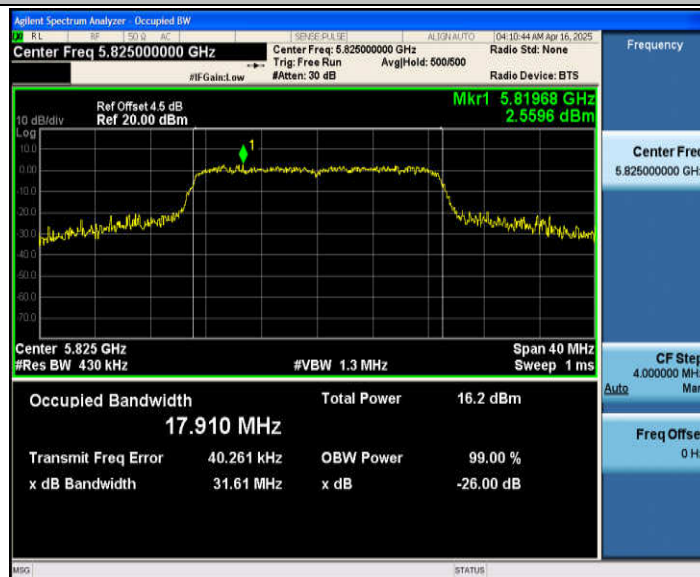
11AX20SISO_Ant1_5745



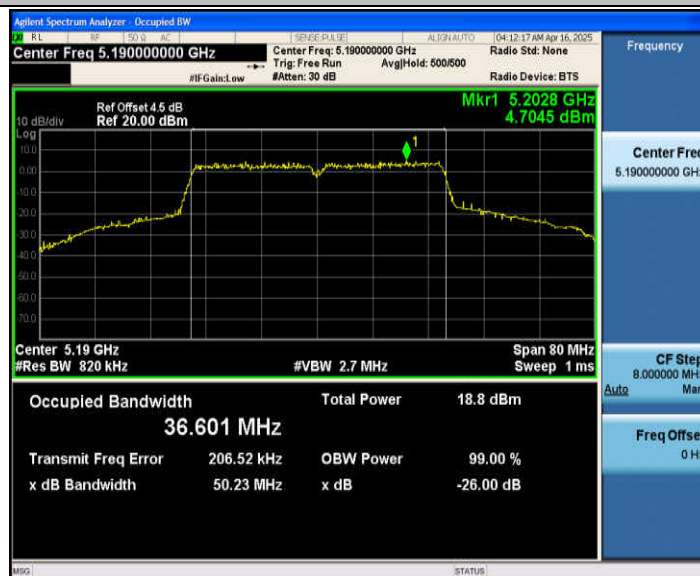
11AX20SISO_Ant1_5785



11AX20SISO_Ant1_5825



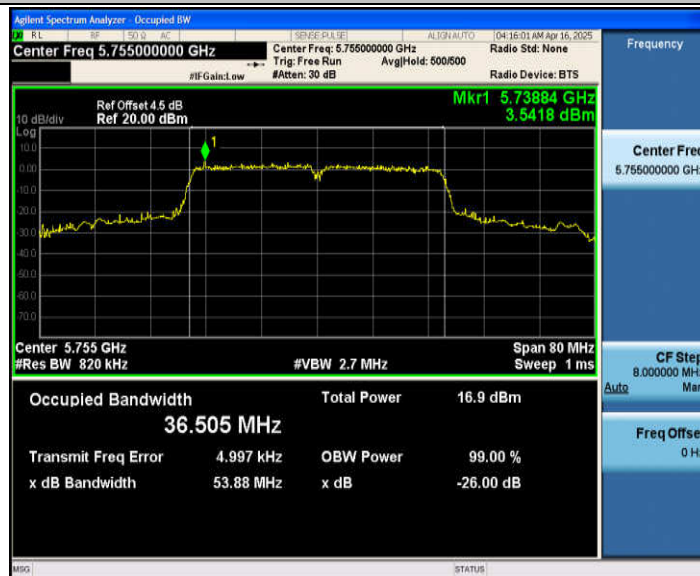
11AX40SISO_Ant1_5190



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	16.280	5736.840	5753.120	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	16.800	5736.400	5753.200	0.5	PASS
		5785	17.120	5776.400	5793.520	0.5	PASS
		5825	17.160	5816.480	5833.640	0.5	PASS
11N40SISO	Ant1	5755	35.280	5737.320	5772.600	0.5	PASS
		5795	35.600	5777.320	5812.920	0.5	PASS
11AC20SISO	Ant1	5745	17.120	5736.360	5753.480	0.5	PASS
		5785	16.840	5776.480	5793.320	0.5	PASS
		5825	17.120	5816.400	5833.520	0.5	PASS
11AC40SISO	Ant1	5755	35.360	5737.240	5772.600	0.5	PASS
		5795	35.200	5777.400	5812.600	0.5	PASS
11AC80SISO	Ant1	5775	75.360	5737.240	5812.600	0.5	PASS
11AX20SISO	Ant1	5745	16.920	5736.440	5753.360	0.5	PASS
		5785	16.880	5776.480	5793.360	0.5	PASS
		5825	17.000	5816.480	5833.480	0.5	PASS
11AX40SISO	Ant1	5755	35.440	5737.240	5772.680	0.5	PASS
		5795	35.280	5777.320	5812.600	0.5	PASS
11AX80SISO	Ant1	5775	75.360	5737.240	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