

FCC Appendix RF Test Data for 5GWIFI

FCC ID : 2BHAF-T10A863-21

Company : South Holdings Technology Co., Limited

EUT : Tablet computer

Model Number : T10A863-21

Report No. : CTA25103001203

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	21.960	5169.320	5191.280	---	---
		5220	22.280	5209.000	5231.280	---	---
		5240	21.840	5229.440	5251.280	---	---
		5745	23.440	5733.640	5757.080	---	---
		5785	22.960	5773.680	5796.640	---	---
		5825	23.600	5813.040	5836.640	---	---
11N20SISO	Ant1	5180	22.120	5169.120	5191.240	---	---
		5220	22.040	5209.160	5231.200	---	---
		5240	22.160	5228.920	5251.080	---	---
		5745	22.760	5733.560	5756.320	---	---
		5785	22.960	5773.520	5796.480	---	---
		5825	23.160	5813.200	5836.360	---	---
11N40SISO	Ant1	5190	42.800	5168.560	5211.360	---	---
		5230	43.760	5209.040	5252.800	---	---
		5755	44.880	5732.920	5777.800	---	---
		5795	44.960	5772.920	5817.880	---	---
11AC20SISO	Ant1	5180	22.760	5168.480	5191.240	---	---
		5220	22.440	5208.560	5231.000	---	---
		5240	22.200	5229.160	5251.360	---	---
		5745	23.400	5733.480	5756.880	---	---
		5785	23.160	5773.560	5796.720	---	---
		5825	23.160	5813.440	5836.600	---	---
11AC40SISO	Ant1	5190	43.680	5168.960	5212.640	---	---
		5230	43.440	5209.120	5252.560	---	---
		5755	44.480	5733.400	5777.880	---	---
		5795	44.560	5773.400	5817.960	---	---
11AC80SISO	Ant1	5210	84.320	5168.400	5252.720	---	---
		5775	83.520	5733.720	5817.240	---	---
11AX20SISO	Ant1	5180	23.160	5168.520	5191.680	---	---
		5220	23.160	5208.320	5231.480	---	---
		5240	22.520	5228.880	5251.400	---	---
		5745	22.520	5733.720	5756.240	---	---
		5785	24.400	5772.560	5796.960	---	---
		5825	23.000	5813.480	5836.480	---	---
11AX40SISO	Ant1	5190	40.640	5169.760	5210.400	---	---
		5230	41.120	5209.520	5250.640	---	---
		5755	42.720	5734.040	5776.760	---	---

		5795	43.920	5773.640	5817.560	---	---
11AX80SISO	Ant1	5210	82.080	5169.680	5251.760	---	---
		5775	82.880	5734.360	5817.240	---	---

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



11AC80SISO_Ant1_5775



11AX20SISO_Ant1_5180



11AX20SISO_Ant1_5220



11AX20SISO_Ant1_5240



11AX20SISO_Ant1_5745



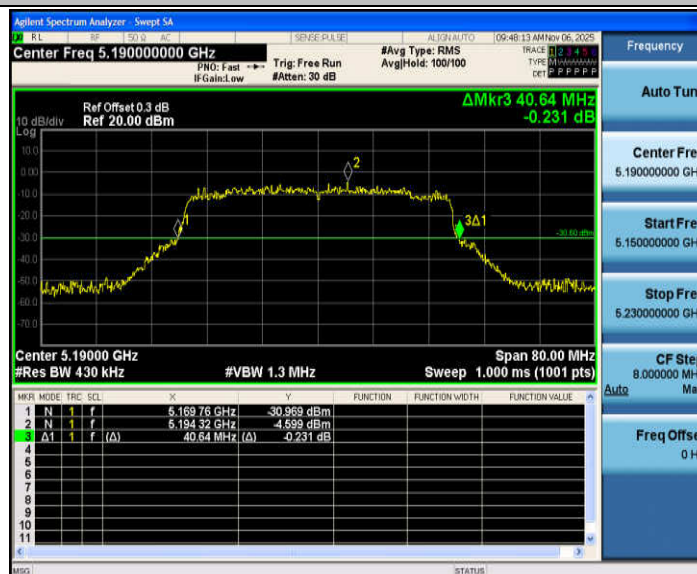
11AX20SISO_Ant1_5785



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

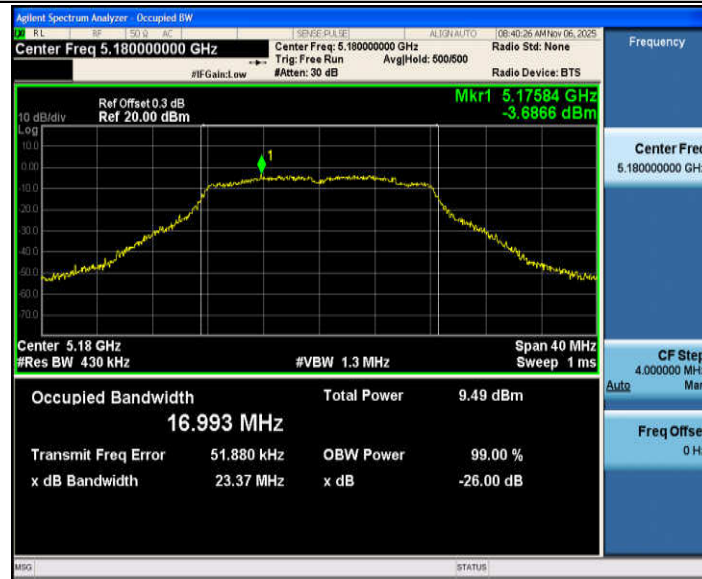
Test Result

TestMode	Antenna	Freq(MHz)	OCB [MHz]	FL[MHz]	FH[MHz]	Limit[MHz]	Verdict
11A	Ant1	5180	16.993	5171.5554	5188.5484	---	---
		5220	16.936	5211.5903	5228.5263	---	---
		5240	16.936	5231.5979	5248.5339	---	---
		5745	17.279	5736.3910	5753.6700	---	---
		5785	17.275	5776.3955	5793.6705	---	---
		5825	17.312	5816.4037	5833.7157	---	---
11N20SISO	Ant1	5180	18.029	5171.0116	5189.0406	---	---
		5220	18.056	5211.0205	5229.0765	---	---
		5240	18.040	5230.9926	5249.0326	---	---
		5745	18.371	5735.8194	5754.1904	---	---
		5785	18.341	5775.8256	5794.1666	---	---
		5825	18.364	5815.8206	5834.1846	---	---
11N40SISO	Ant1	5190	36.222	5171.9651	5208.1871	---	---
		5230	36.212	5211.9676	5248.1796	---	---
		5755	36.769	5736.7205	5773.4895	---	---
		5795	36.760	5776.7047	5813.4647	---	---
11AC20SISO	Ant1	5180	18.071	5171.0135	5189.0845	---	---
		5220	18.003	5211.0412	5229.0442	---	---
		5240	18.018	5231.0388	5249.0568	---	---
		5745	18.303	5735.8567	5754.1597	---	---
		5785	18.332	5775.8364	5794.1684	---	---
		5825	18.321	5815.8537	5834.1747	---	---
11AC40SISO	Ant1	5190	36.131	5171.9951	5208.1261	---	---
		5230	36.143	5212.0165	5248.1595	---	---
		5755	36.703	5736.7164	5773.4194	---	---
		5795	36.754	5776.6927	5813.4467	---	---
11AC80SISO	Ant1	5210	75.102	5172.5862	5247.6882	---	---
		5775	75.228	5737.5643	5812.7923	---	---
11AX20SISO	Ant1	5180	18.978	5170.5291	5189.5071	---	---
		5220	18.962	5210.5600	5229.5220	---	---
		5240	18.980	5230.5749	5249.5549	---	---
		5745	19.224	5735.4136	5754.6376	---	---
		5785	19.186	5775.4385	5794.6245	---	---
		5825	19.207	5815.4321	5834.6391	---	---
11AX40SISO	Ant1	5190	37.644	5171.2718	5208.9158	---	---
		5230	37.653	5211.2743	5248.9273	---	---
		5755	38.100	5736.0280	5774.1280	---	---

		5795	38.057	5776.0478	5814.1048	---	---
11AX80SISO	Ant1	5210	76.663	5171.7259	5248.3889	---	---
		5775	76.700	5736.7812	5813.4812	---	---

Test Graphs

11A_Ant1_5180



11A_Ant1_5220



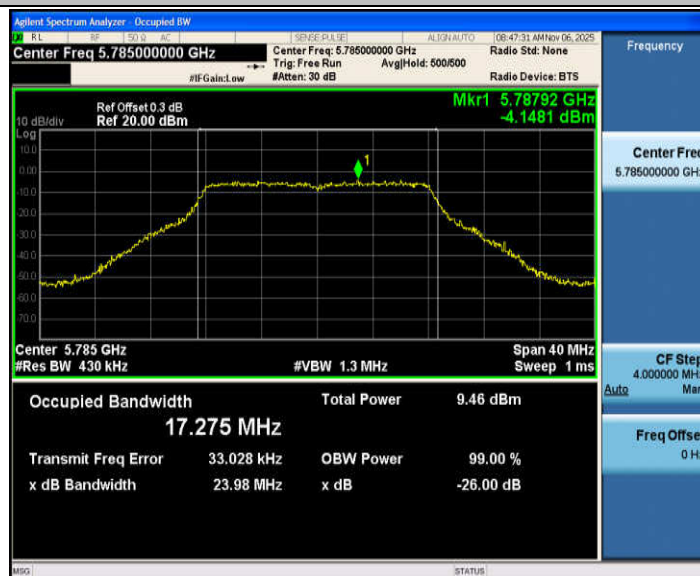
11A_Ant1_5240



11A_Ant1_5745



11A_Ant1_5785



11A_Ant1_5825



11N20SISO_Ant1_5180



11N20SISO_Ant1_5220



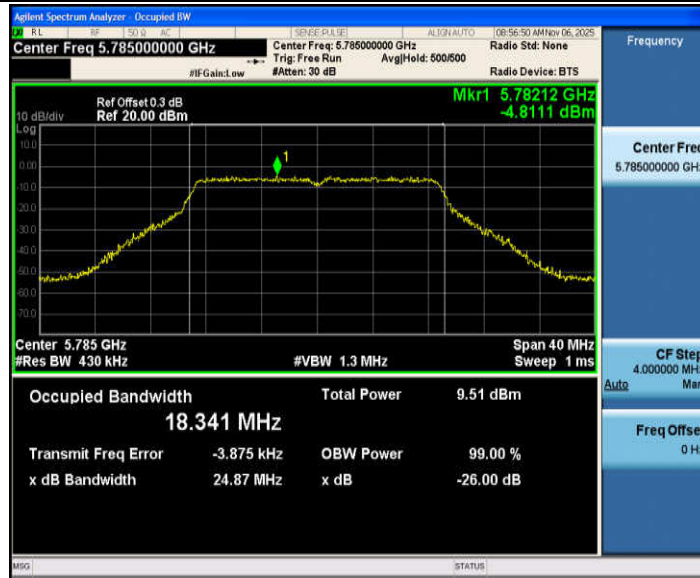
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11N20SISO_Ant1_5745



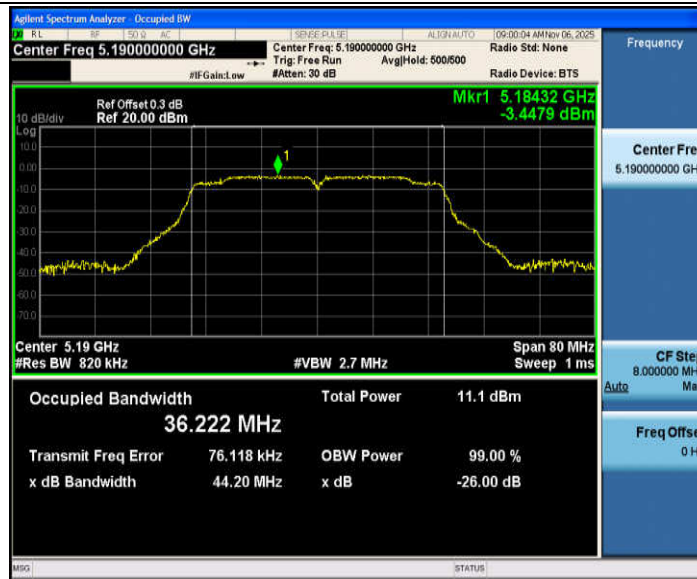
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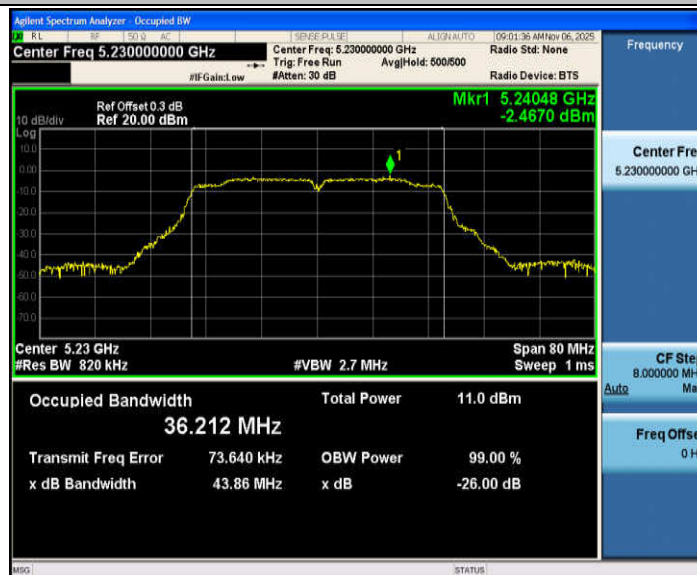
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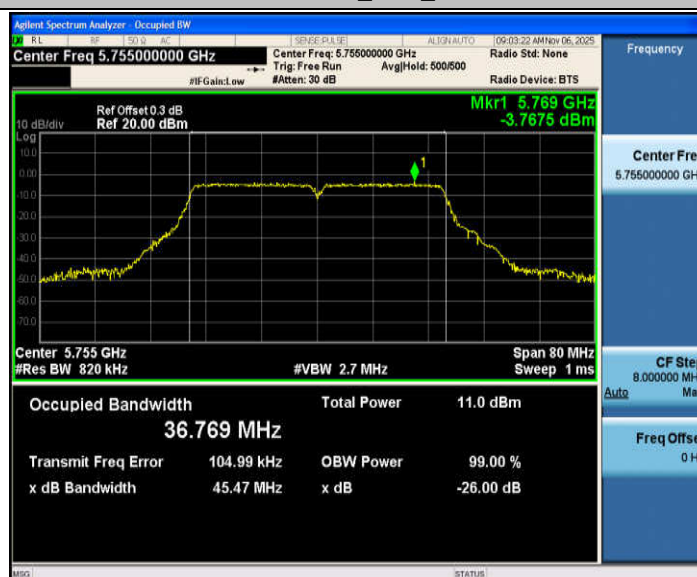
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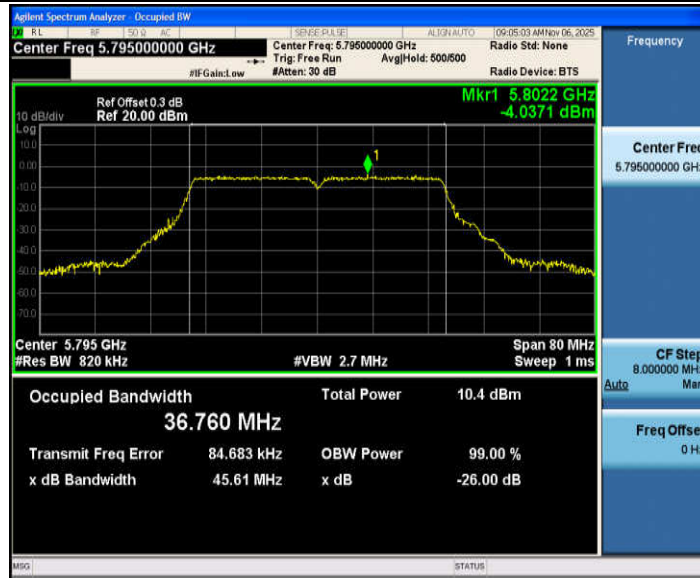
11N40SISO_Ant1_5230



11N40SISO_Ant1_5755



11N40SISO_Ant1_5795



11AC20SISO_Ant1_5180



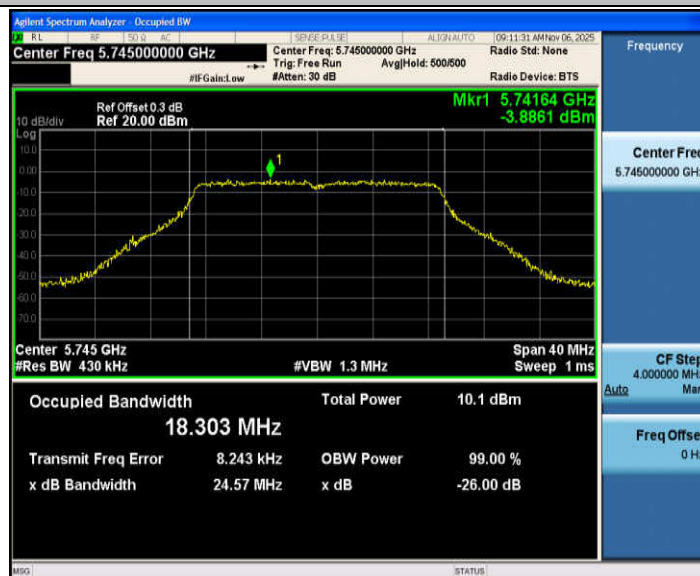
11AC20SISO_Ant1_5220



11AC20SISO_Ant1_5240



11AC20SISO_Ant1_5745



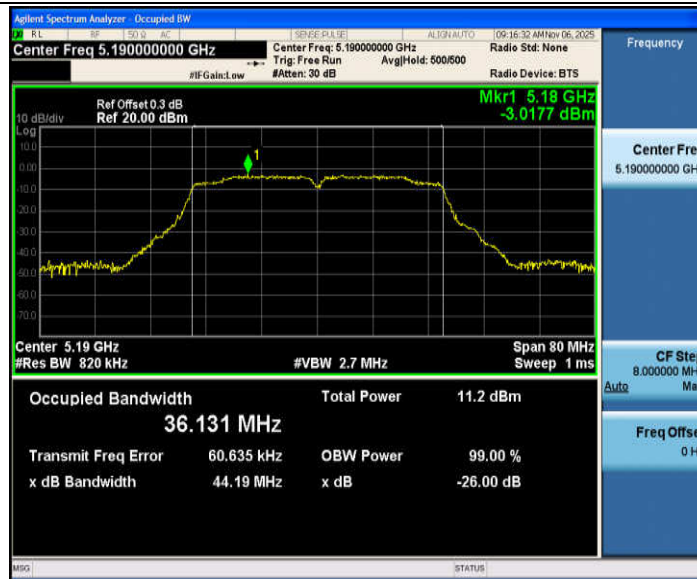
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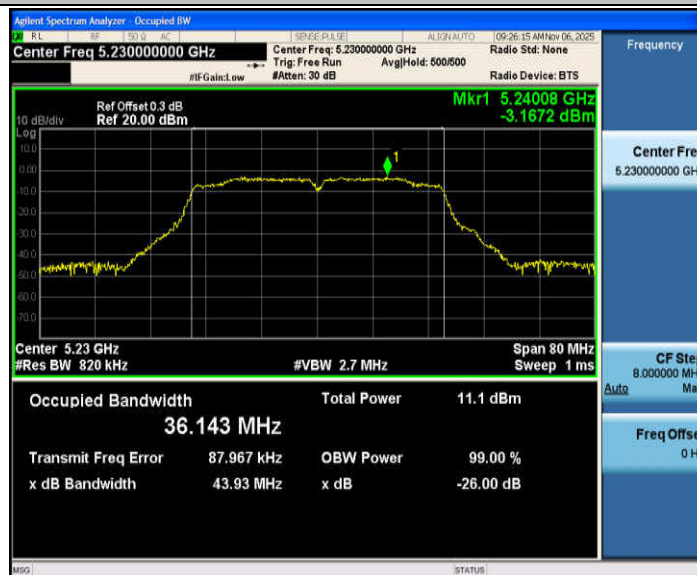
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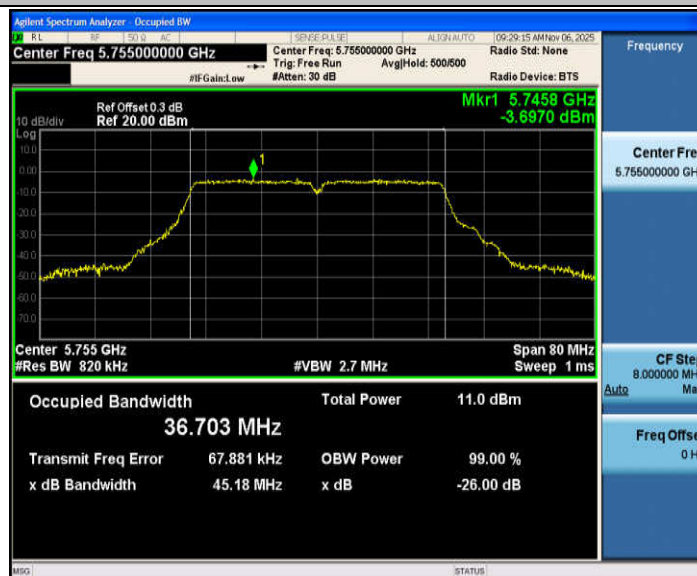
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11AC40SISO_Ant1_5230



11AC40SISO_Ant1_5755



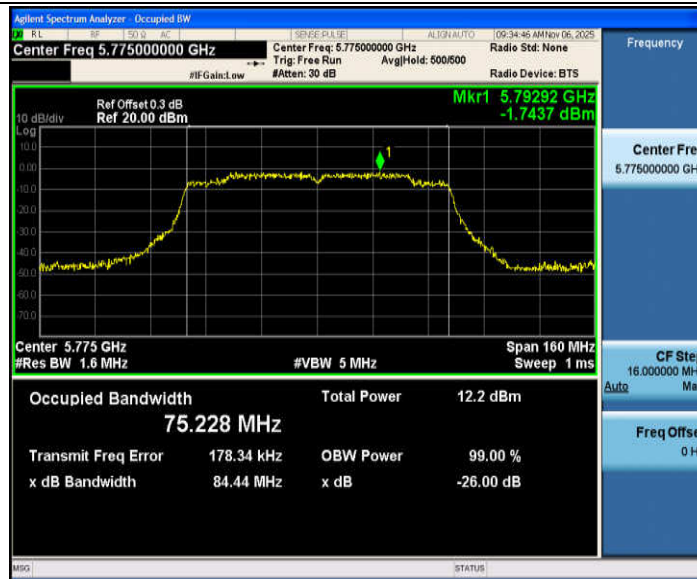
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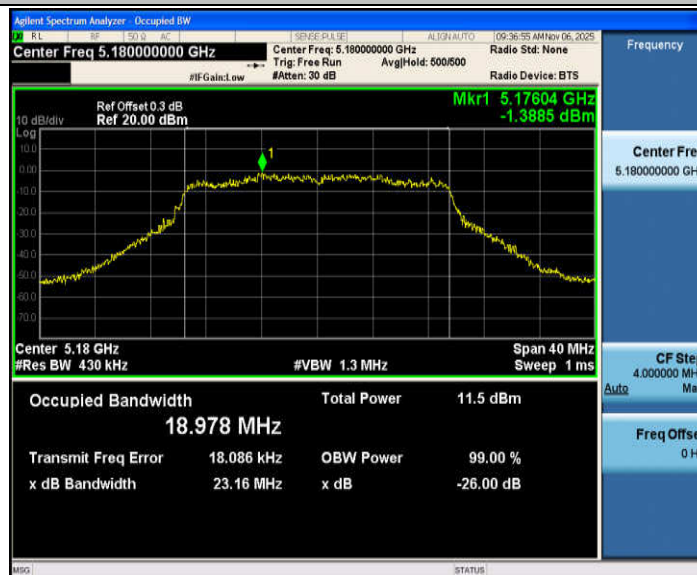
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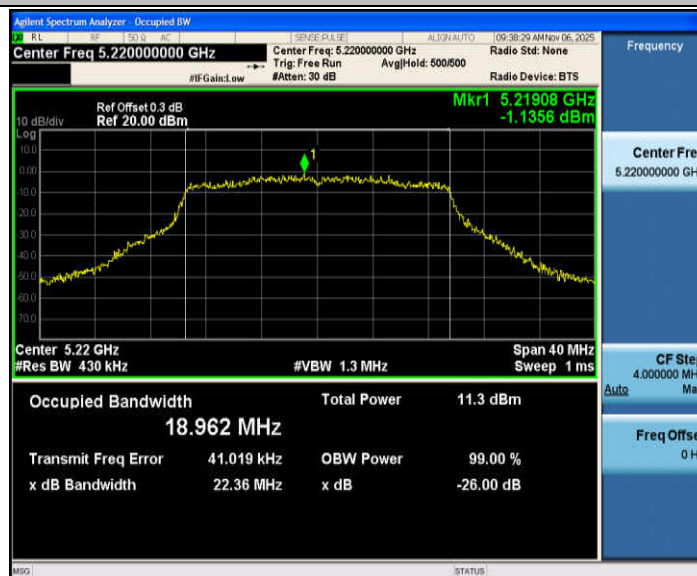
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11AX20SISO_Ant1_5180



11AX20SISO_Ant1_5220



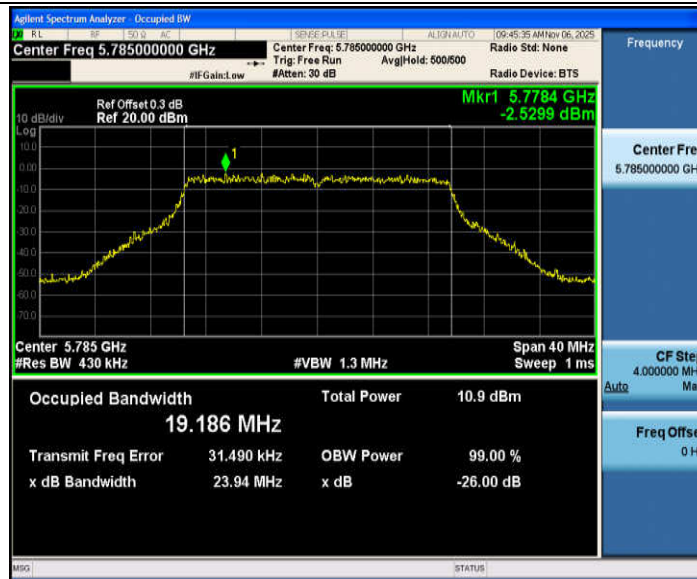
11AX20SISO_Ant1_5240



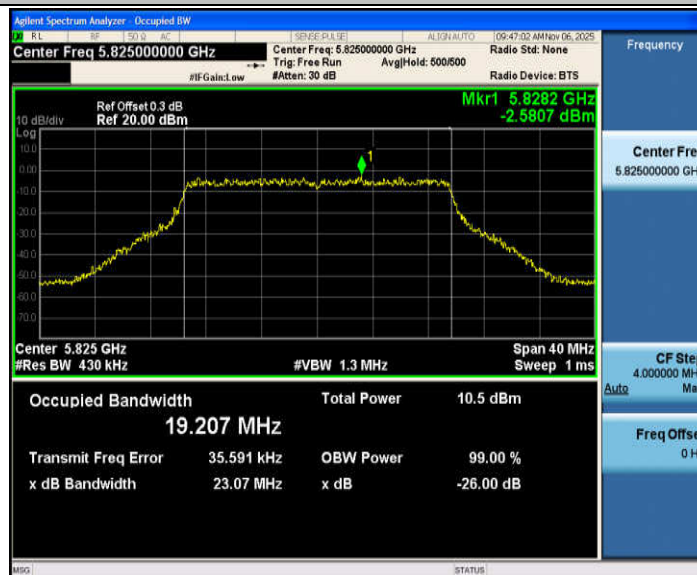
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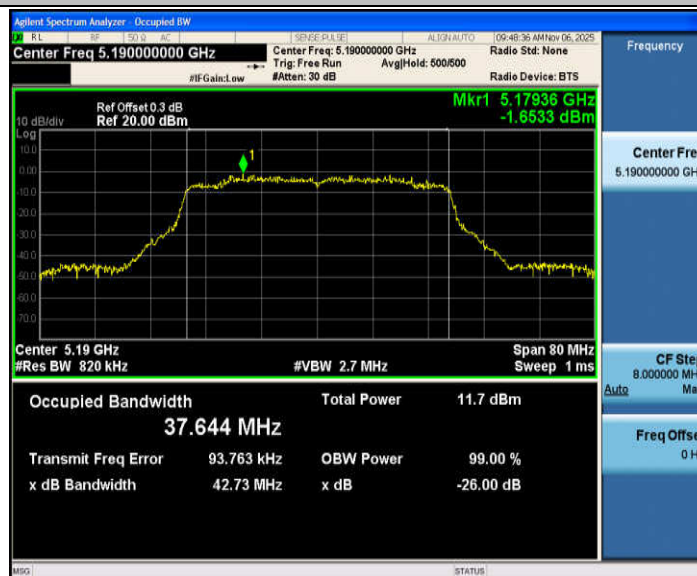
11AX20SISO_Ant1_5785



11AX20SISO_Ant1_5825



11AX40SISO_Ant1_5190



11AX40SISO_Ant1_5230



11AX40SISO_Ant1_5755



11AX40SISO_Ant1_5795