

Appendix A: Test Results of 5GHz Wi-Fi

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Appendix A.1: Test Results of 26dB Bandwidth

Test Result

TestMode	Antenna	Channel	26db EBW [MHz]	FL[MHz]	FH[MHz]	Limit[MHz]	Verdict
11A	Ant1	5180	22.280	5168.320	5190.600	---	PASS
		5200	22.640	5188.040	5210.680	---	PASS
		5240	23.280	5227.920	5251.200	---	PASS
		5260	22.080	5249.000	5271.080	---	PASS
		5280	21.760	5268.680	5290.440	---	PASS
		5320	19.680	5309.680	5329.360	---	PASS
		5500	22.120	5489.760	5511.880	---	PASS
		5580	22.720	5568.480	5591.200	---	PASS
11N20MIMO	Ant1	5700	22.160	5689.440	5711.600	---	PASS
		5180	22.920	5168.680	5191.600	---	PASS
		5200	20.840	5189.760	5210.600	---	PASS
		5240	23.240	5228.720	5251.960	---	PASS
		5260	24.120	5248.160	5272.280	---	PASS
		5280	24.000	5267.760	5291.760	---	PASS
		5320	21.960	5308.960	5330.920	---	PASS
		5500	21.440	5489.240	5510.680	---	PASS
11N40MIMO	Ant1	5580	21.600	5569.960	5591.560	---	PASS
		5700	22.920	5688.120	5711.040	---	PASS
		5190	38.480	5170.560	5209.040	---	PASS
		5230	39.760	5210.560	5250.320	---	PASS
		5270	38.960	5250.880	5289.840	---	PASS
		5310	39.840	5290.000	5329.840	---	PASS
		5510	39.760	5489.840	5529.600	---	PASS
		5550	39.600	5530.640	5570.240	---	PASS
11AC20MIMO	Ant1	5670	40.080	5650.000	5690.080	---	PASS
		5180	24.240	5168.000	5192.240	---	PASS
		5200	24.360	5187.160	5211.520	---	PASS
		5240	22.760	5228.520	5251.280	---	PASS
		5260	23.080	5249.080	5272.160	---	PASS
		5280	25.520	5266.760	5292.280	---	PASS
		5320	24.120	5308.760	5332.880	---	PASS
		5500	22.920	5488.640	5511.560	---	PASS
11AC40MIMO	Ant1	5580	22.400	5568.720	5591.120	---	PASS
		5700	24.600	5687.800	5712.400	---	PASS
		5190	40.720	5169.280	5210.000	---	PASS
		5230	39.120	5210.320	5249.440	---	PASS
		5270	39.680	5250.720	5290.400	---	PASS
		5310	39.200	5290.160	5329.360	---	PASS
		5510	39.760	5489.920	5529.680	---	PASS
		5550	39.600	5530.160	5569.760	---	PASS
11AC80MIMO	Ant1	5670	39.360	5650.080	5689.440	---	PASS
		5210	79.360	5170.160	5249.520	---	PASS
		5290	78.720	5250.320	5329.040	---	PASS
		5530	79.040	5490.320	5569.360	---	PASS
11AX20MIMO	Ant1	5610	79.200	5570.480	5649.680	---	PASS
		5180	20.480	5169.440	5189.920	---	PASS
		5200	21.040	5189.600	5210.640	---	PASS
		5240	20.480	5229.520	5250.000	---	PASS
		5260	20.720	5249.640	5270.360	---	PASS
		5280	20.640	5269.840	5290.480	---	PASS
		5320	21.680	5309.480	5331.160	---	PASS
		5500	20.320	5489.920	5510.240	---	PASS
11AX40MIMO	Ant1	5580	21.480	5568.720	5590.200	---	PASS
		5700	20.120	5689.880	5710.000	---	PASS
		5190	39.040	5170.400	5209.440	---	PASS
		5230	39.040	5210.480	5249.520	---	PASS
	Ant1	5270	38.960	5250.480	5289.440	---	PASS

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		5310	39.120	5290.320	5329.440	---	PASS
		5510	39.280	5490.320	5529.600	---	PASS
		5550	39.120	5530.480	5569.600	---	PASS
		5670	39.360	5650.480	5689.840	---	PASS
11AX80MIMO	Ant1	5210	79.520	5170.160	5249.680	---	PASS
		5290	79.840	5250.160	5330.000	---	PASS
		5530	79.680	5490.320	5570.000	---	PASS
		5610	76.800	5570.160	5646.960	---	PASS

Test Graphs

11A Ant1 5180



11A Ant1 5200



11A Ant1 5240





11A_Ant1_5500



11A_Ant1_5580



11A_Ant1_5700







11N20MIMO_Ant1_5500



11N20MIMO_Ant1_5580



11N20MIMO_Ant1_5700











11AC20MIMO_Ant1_5580



11AC20MIMO Ant1 5700



11AC40MIMO Ant1 5190



11AC40MIMO Ant1 5230



11AC40MIMO_Ant1_5270



11AC40MIMO_Ant1_5310



11AC40MIMO_Ant1_5510



11AC40MIMO_Ant1_5550



11AC40MIMO_Ant1_5670



11AC80MIMO_Ant1_5210



11AC80MIMO_Ant1_5290



11AC80MIMO_Ant1_5530



11AC80MIMO_Ant1_5610















11AX80MIMO_Ant1_5530



11AX80MIMO_Ant1_5610



Appendix A.2: Test Results of 99% Bandwidth

Test Result

TestMode	Antenna	Channel	OCB [MHz]	FL[MHz]	FH[MHz]	Limit[MHz]	Verdict
11A	Ant1	5180	17.314	5171.3435	5188.6575	---	PASS
		5200	17.267	5191.2292	5208.4962	---	PASS
		5240	17.486	5231.2032	5248.6892	---	PASS
		5260	17.362	5251.3223	5268.6843	---	PASS
		5280	17.430	5271.3196	5288.7496	---	PASS
		5320	17.308	5311.2643	5328.5723	---	PASS
		5500	17.233	5491.4188	5508.6518	---	PASS
		5580	17.131	5571.4500	5588.5810	---	PASS
		5700	17.329	5691.2621	5708.5911	---	PASS
		5745	17.337	5736.3217	5753.6587	---	PASS
		5785	17.428	5776.2707	5793.6987	---	PASS
11N20MIMO	Ant1	5825	17.290	5816.3284	5833.6184	---	PASS
		5180	18.480	5170.7038	5189.1838	---	PASS
		5200	18.304	5190.8044	5209.1084	---	PASS
		5240	18.390	5230.7166	5249.1066	---	PASS
		5260	18.506	5250.6865	5269.1925	---	PASS
		5280	18.413	5270.7475	5289.1605	---	PASS
		5320	18.478	5310.7644	5329.2424	---	PASS
		5500	18.463	5490.8294	5509.2924	---	PASS
		5580	18.294	5570.7867	5589.0807	---	PASS
		5700	18.358	5690.7021	5709.0601	---	PASS
		5745	18.466	5735.7225	5754.1885	---	PASS
11N40MIMO	Ant1	5785	18.457	5775.7182	5794.1752	---	PASS
		5825	18.458	5815.6750	5834.1330	---	PASS
		5190	36.116	5171.8806	5207.9966	---	PASS
		5230	36.005	5211.9769	5247.9819	---	PASS
		5270	36.042	5251.9586	5288.0006	---	PASS
		5310	36.103	5291.9081	5328.0111	---	PASS
		5510	36.052	5491.9408	5527.9928	---	PASS
		5550	36.139	5531.9372	5568.0762	---	PASS
		5670	36.059	5651.9042	5687.9632	---	PASS
		5755	36.117	5736.9063	5773.0233	---	PASS
		5795	36.103	5776.8853	5812.9883	---	PASS
11AC20MIMO	Ant1	5180	18.393	5170.7516	5189.1446	---	PASS
		5200	18.234	5190.9289	5209.1629	---	PASS
		5240	18.391	5230.7330	5249.1240	---	PASS
		5260	18.334	5250.8022	5269.1362	---	PASS
		5280	18.231	5270.7862	5289.0172	---	PASS
		5320	18.299	5310.8190	5329.1180	---	PASS
		5500	18.271	5490.8246	5509.0956	---	PASS
		5580	18.136	5570.8481	5588.9841	---	PASS
		5700	18.290	5690.8080	5709.0980	---	PASS
		5745	18.270	5735.8026	5754.0726	---	PASS
		5785	18.319	5775.7276	5794.0466	---	PASS
11AC40MIMO	Ant1	5825	18.228	5815.9134	5834.1414	---	PASS
		5190	36.102	5171.9033	5208.0053	---	PASS
		5230	36.195	5211.8590	5248.0540	---	PASS
		5270	36.100	5251.8750	5287.9750	---	PASS
		5310	36.030	5291.9339	5327.9639	---	PASS
		5510	35.955	5491.9748	5527.9298	---	PASS
		5550	36.095	5531.9239	5568.0189	---	PASS
		5670	36.033	5651.9752	5688.0082	---	PASS
		5755	36.066	5736.9473	5773.0133	---	PASS
		5795	36.127	5776.9129	5813.0399	---	PASS
11AC80MIMO	Ant1	5210	75.656	5172.1841	5247.8401	---	PASS
		5290	75.771	5252.0760	5327.8470	---	PASS
		5530	75.554	5492.2905	5567.8445	---	PASS

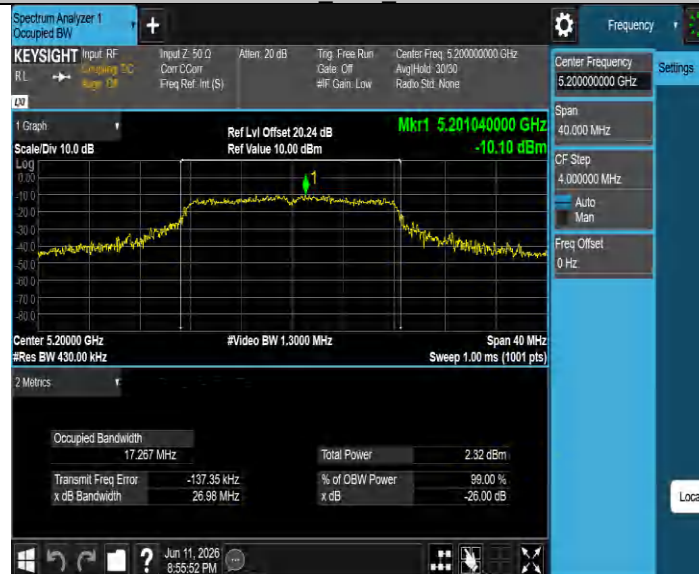
		5610	75.582	5572.2141	5647.7961	---	PASS
		5775	75.633	5737.1947	5812.8277	---	PASS
11AX20MIMO	Ant1	5180	18.953	5170.5064	5189.4594	---	PASS
		5200	18.956	5190.5197	5209.4757	---	PASS
		5240	18.949	5230.5387	5249.4877	---	PASS
		5260	18.928	5250.5104	5269.4384	---	PASS
		5280	18.897	5270.5265	5289.4235	---	PASS
		5320	18.942	5310.5090	5329.4510	---	PASS
		5500	18.960	5490.5465	5509.5065	---	PASS
		5580	18.938	5570.4860	5589.4240	---	PASS
		5700	19.048	5690.4704	5709.5184	---	PASS
		5745	18.923	5735.4945	5754.4175	---	PASS
		5785	18.864	5775.5288	5794.3928	---	PASS
		5825	18.950	5815.5162	5834.4662	---	PASS
11AX40MIMO	Ant1	5190	37.590	5171.2116	5208.8016	---	PASS
		5230	37.627	5211.1229	5248.7499	---	PASS
		5270	37.650	5251.1272	5288.7772	---	PASS
		5310	37.724	5291.1269	5328.8509	---	PASS
		5510	37.649	5491.2264	5528.8754	---	PASS
		5550	37.770	5531.0926	5568.8626	---	PASS
		5670	37.643	5651.1493	5688.7923	---	PASS
		5755	37.650	5736.1558	5773.8058	---	PASS
		5795	37.576	5776.1548	5813.7308	---	PASS
		5210	76.955	5171.4296	5248.3846	---	PASS
11AX80MIMO	Ant1	5290	76.898	5251.4889	5328.3869	---	PASS
		5530	76.845	5491.6897	5568.5347	---	PASS
		5610	76.897	5571.5490	5648.4460	---	PASS
		5775	76.818	5736.5751	5813.3931	---	PASS

Test Graphs

11A Ant1 5180



11A Ant1 5200



11A Ant1 5240



11A_Ant1_5260



11A_Ant1_5280



11A_Ant1_5320



11A_Ant1_5500



11A_Ant1_5580



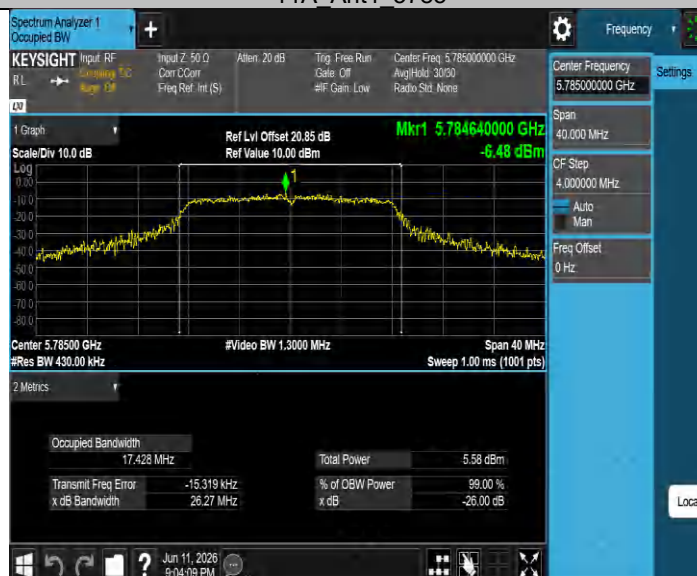
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11A_Ant1_5745



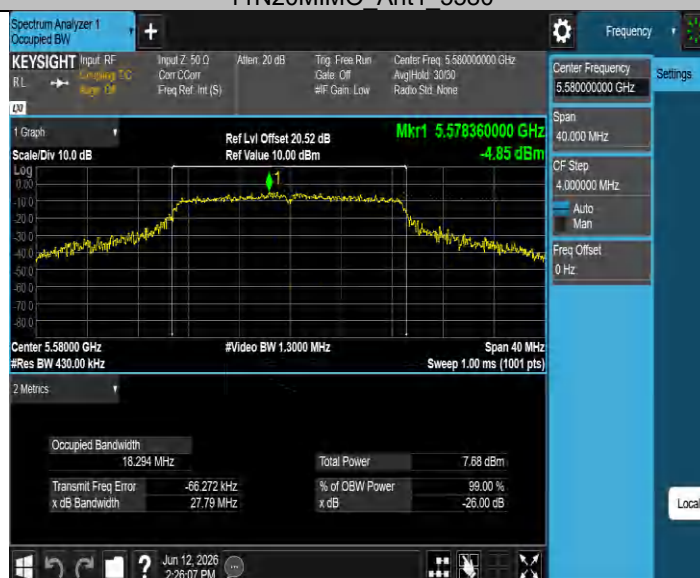
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11A_Ant1_5825









11N20MIMO_Ant1_5745

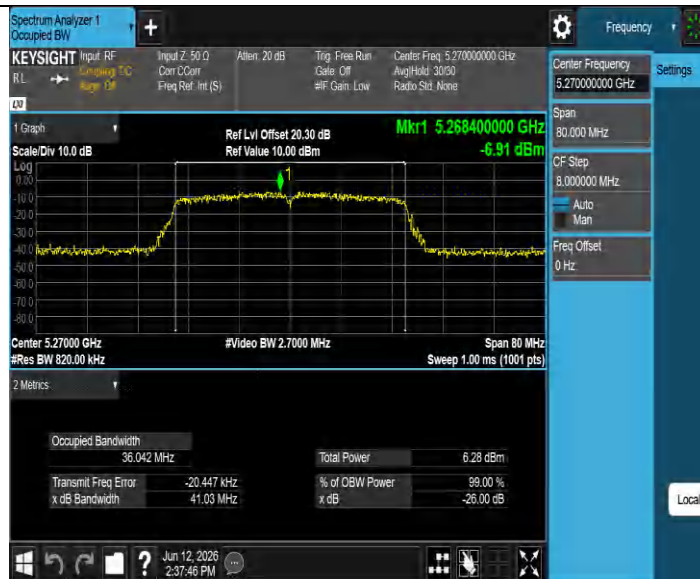


11N20MIMO_Ant1_5785



11N20MIMO_Ant1_5825

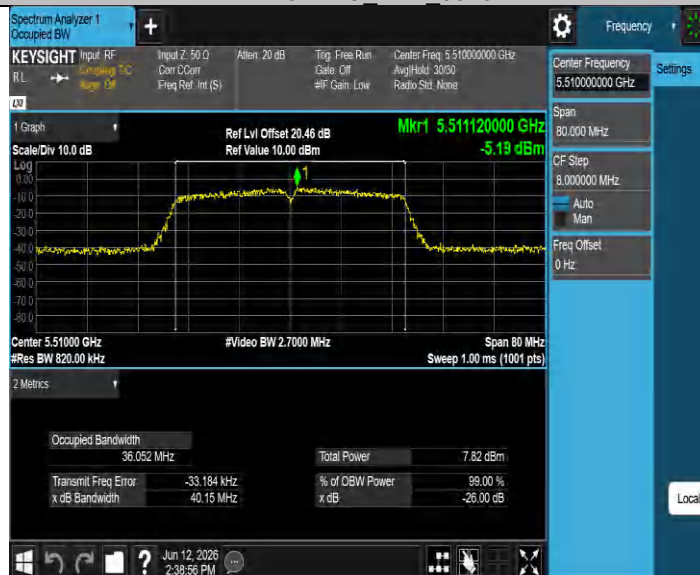




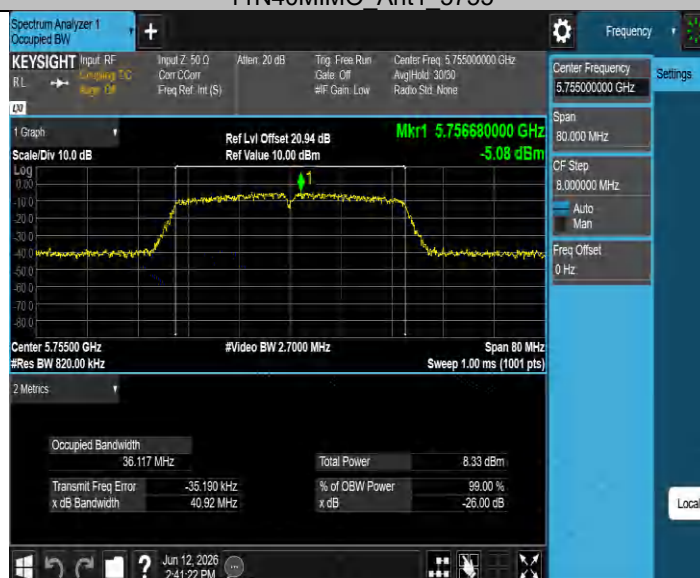
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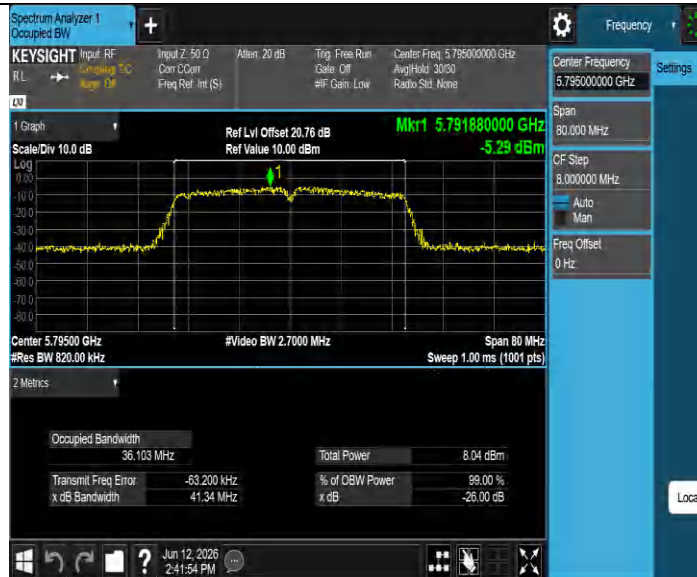
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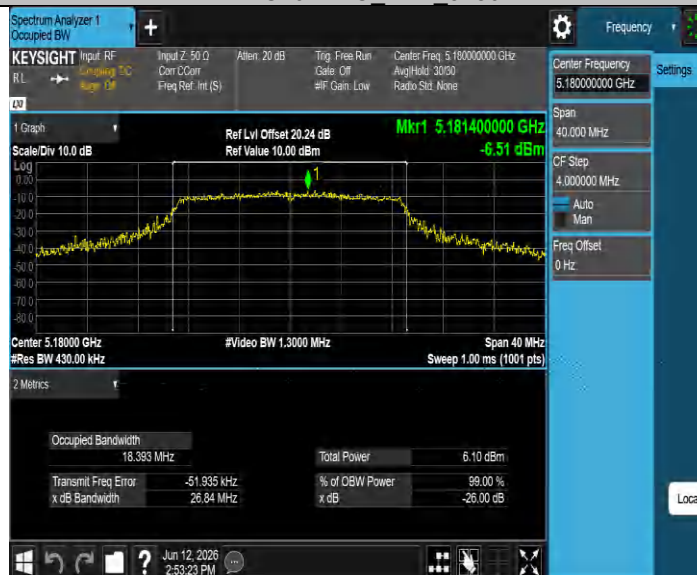
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11N40MIMO_Ant1_5795



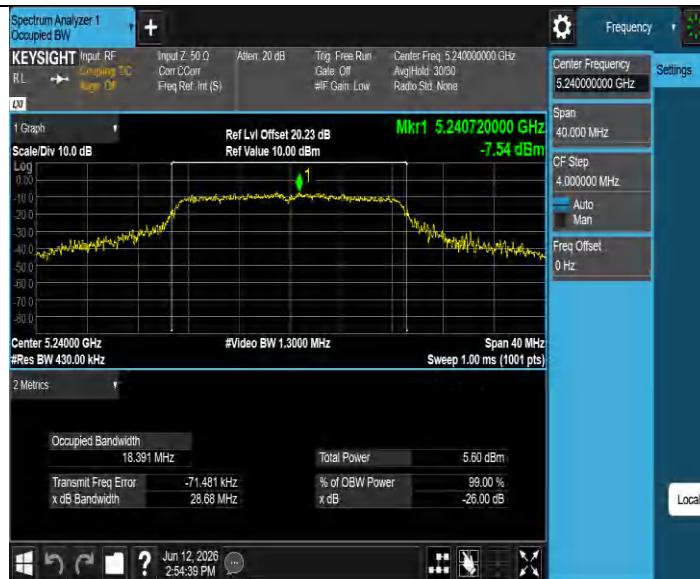
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11AC20MIMO_Ant1_5200



11AC20MIMO_Ant1_5240

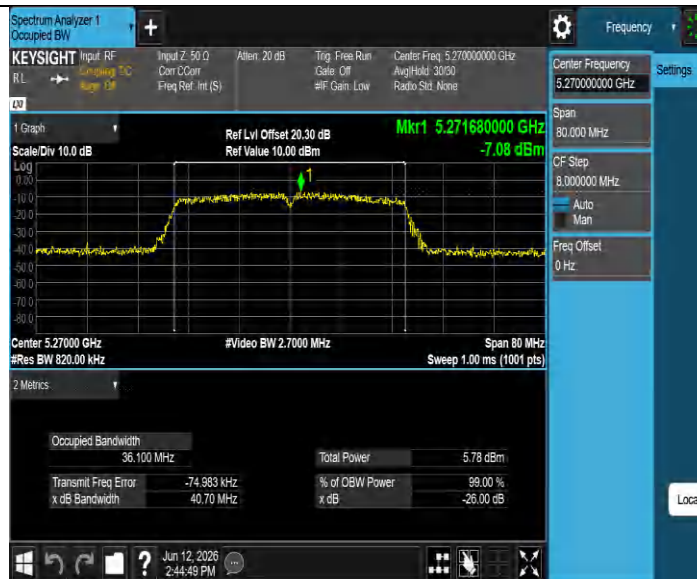






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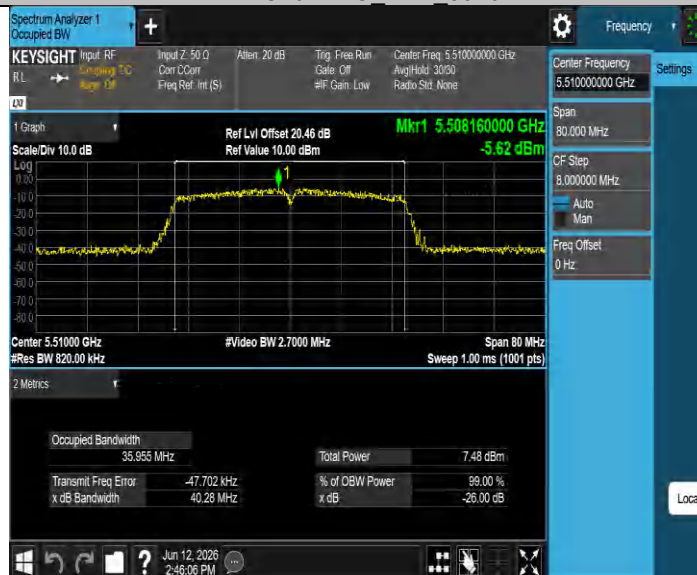




11AC40MIMO_Ant1_5310



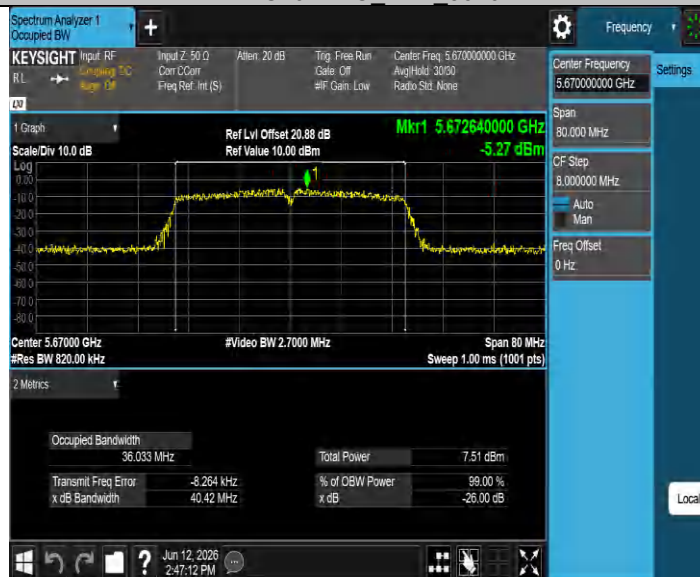
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11AC40MIMO_Ant1_5550



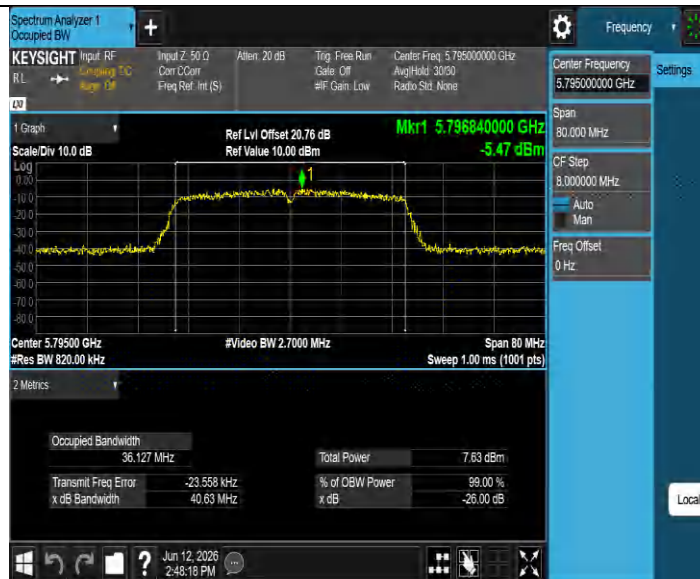
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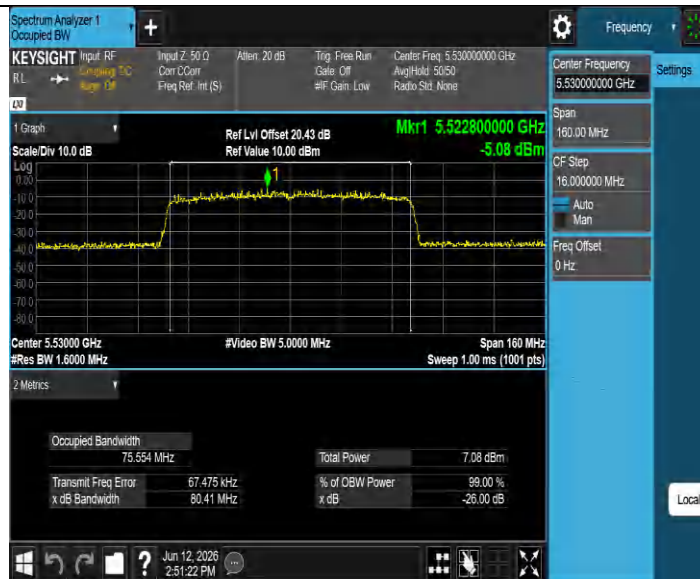


11AC40MIMO_Ant1_5755



11AC40MIMO_Ant1_5795

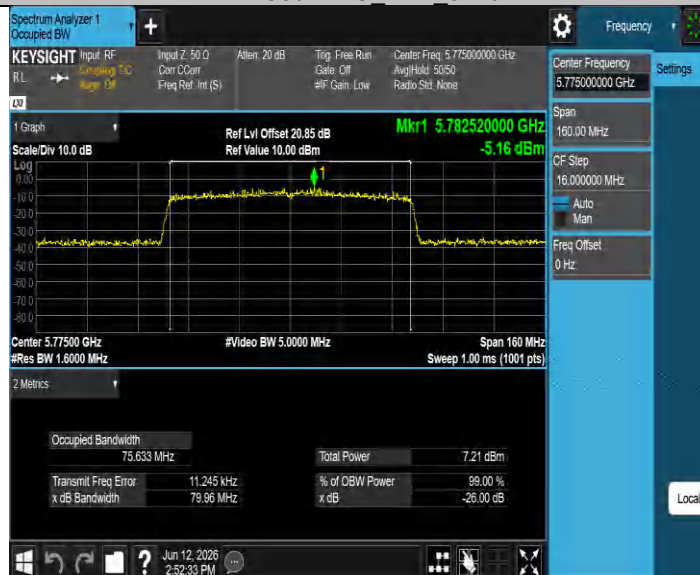




11AC80MIMO_Ant1_5610



11AC80MIMO_Ant1_5775



11AX20MIMO_Ant1_5180

