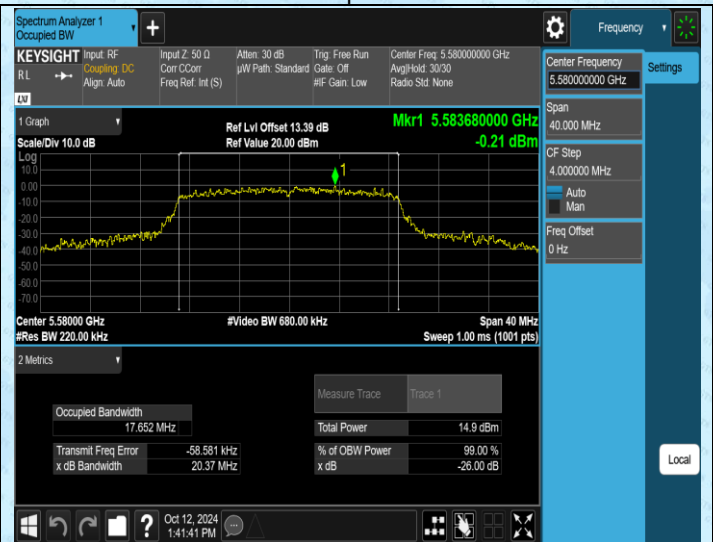
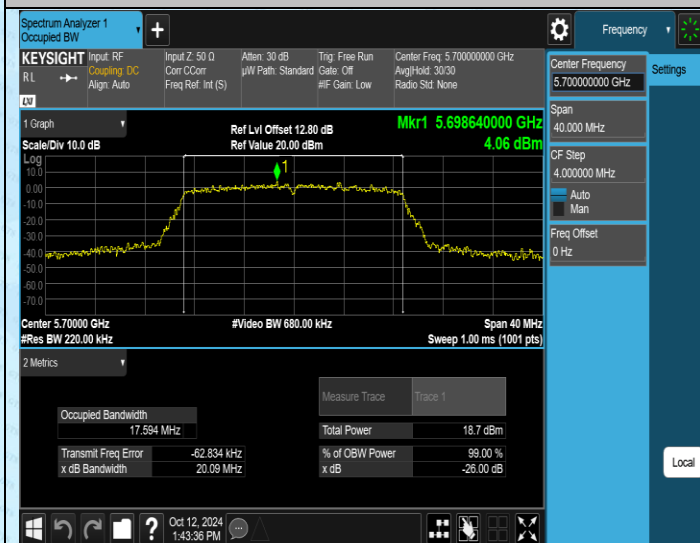


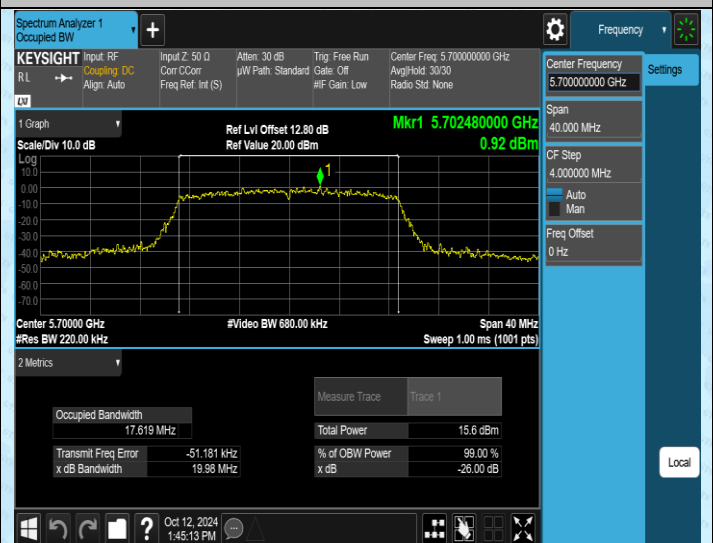
11AC20MIMO-Ant1-5580



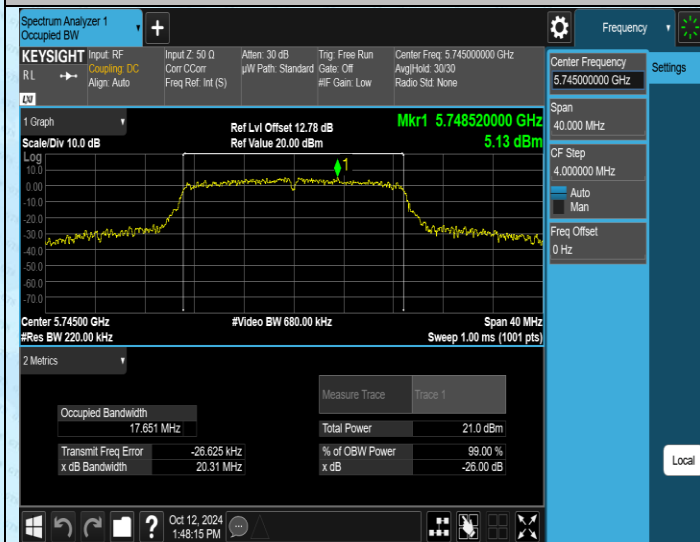
11AC20MIMO-Ant2-5580



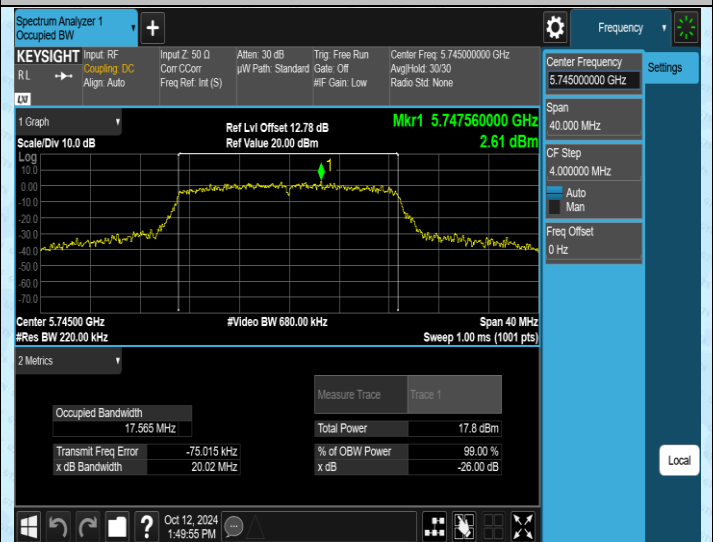
11AC20MIMO-Ant1-5700



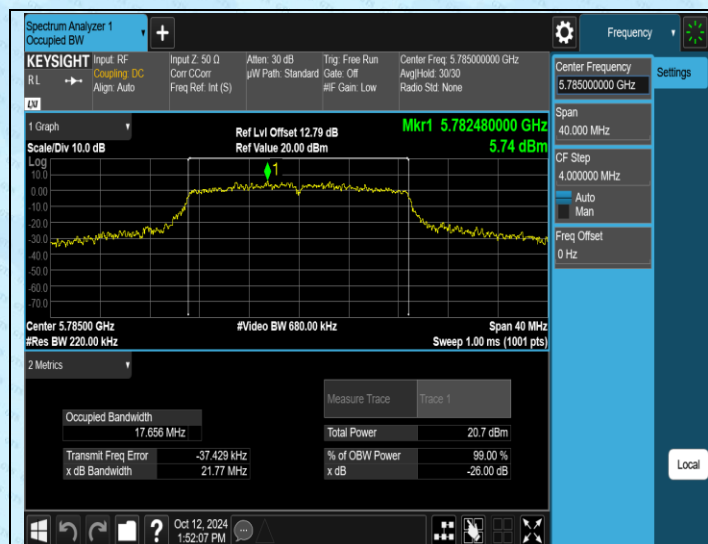
11AC20MIMO-Ant2-5700



11AC20MIMO-Ant1-5745



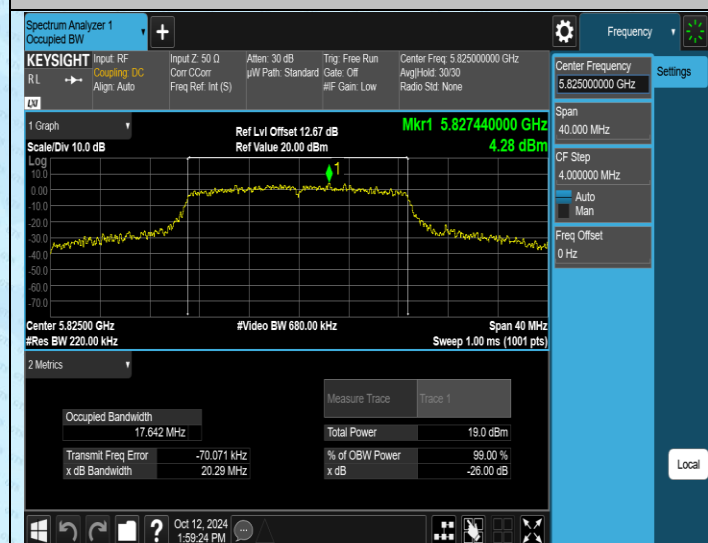
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11AC20MIMO-Ant1-5785



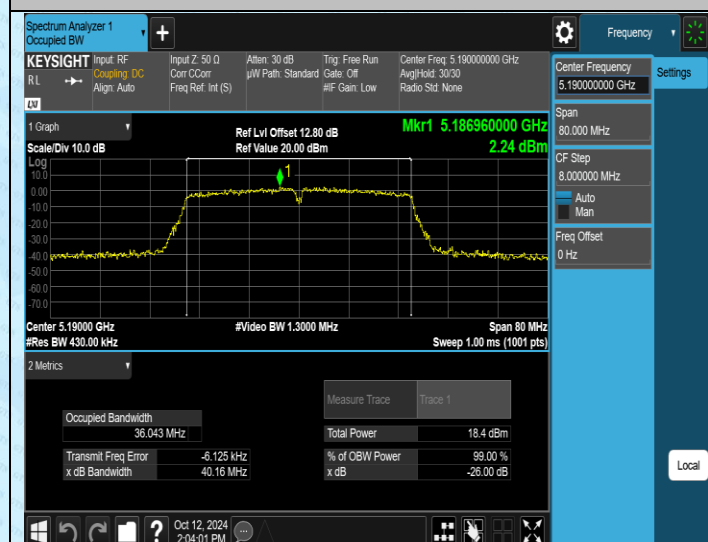
11AC20MIMO-Ant2-5785



11AC20MIMO-Ant1-5825



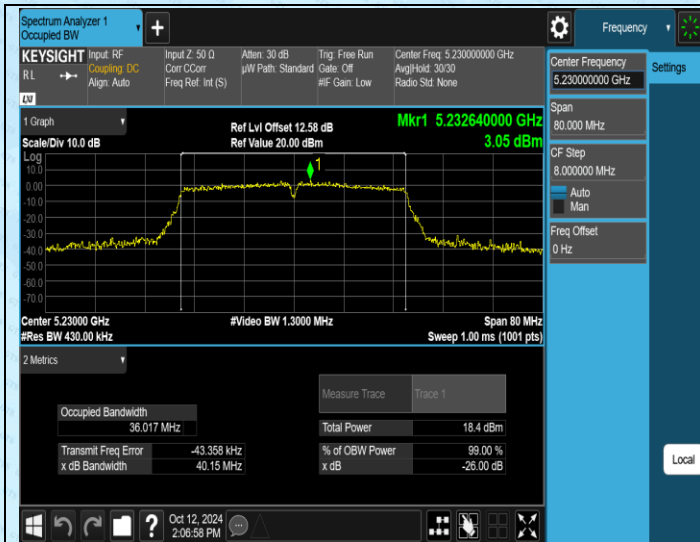
11AC20MIMO-Ant2-5825



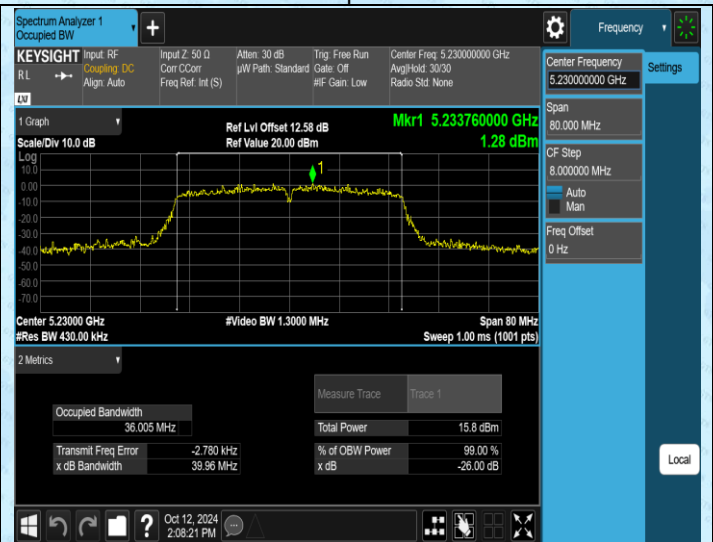
11AC40MIMO-Ant1-5190



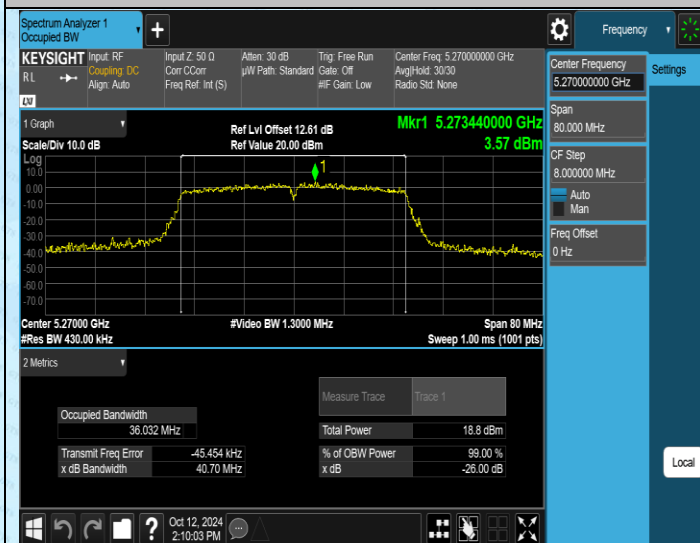
11AC40MIMO-Ant2-5190



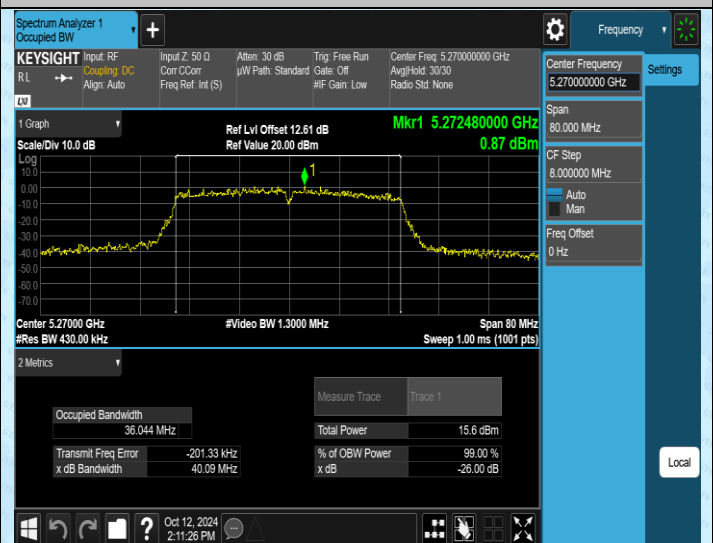
11AC40MIMO-Ant1-5230



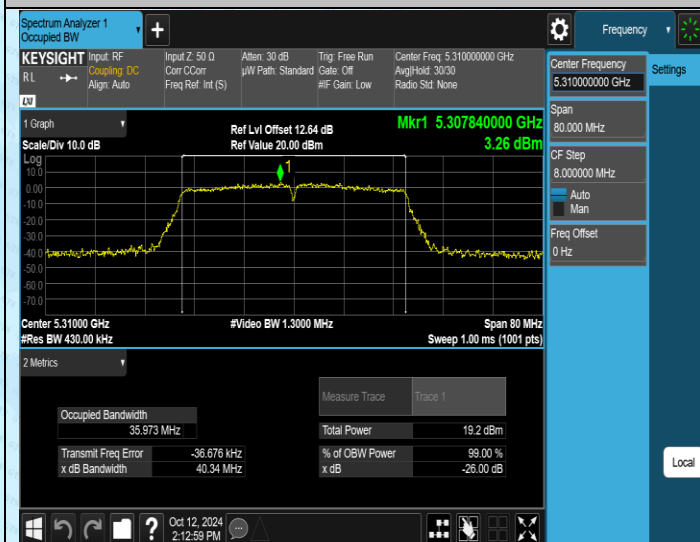
11AC40MIMO-Ant2-5230



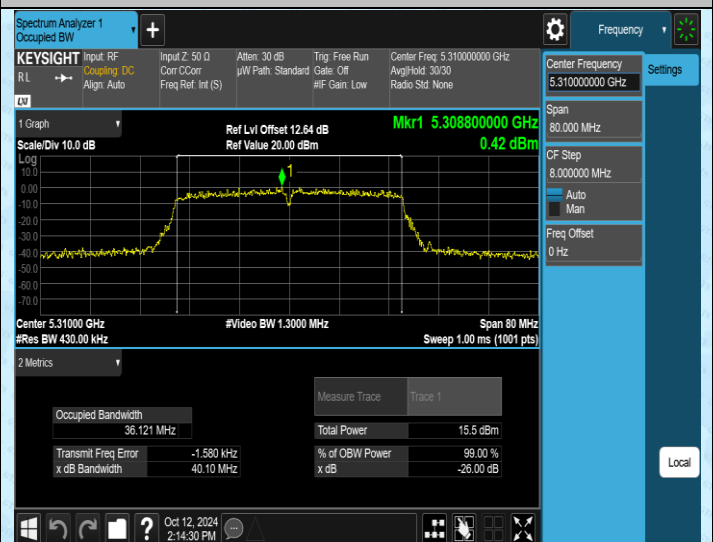
11AC40MIMO-Ant1-5270



11AC40MIMO-Ant2-5270

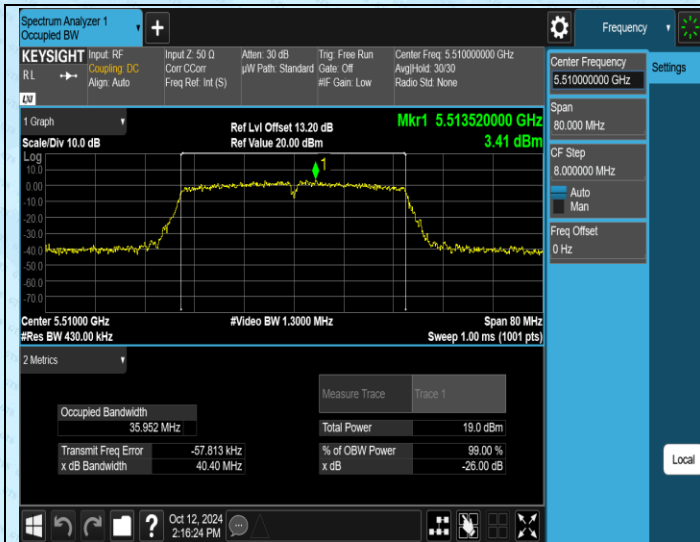


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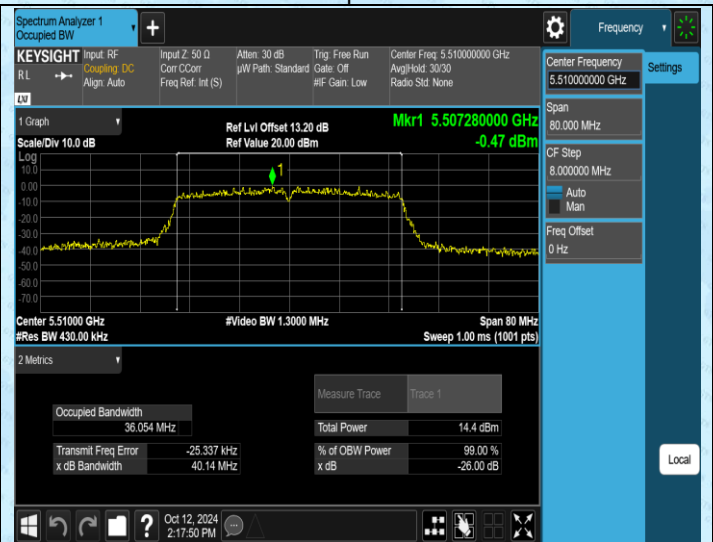


11AC40MIMO-Ant2-5310

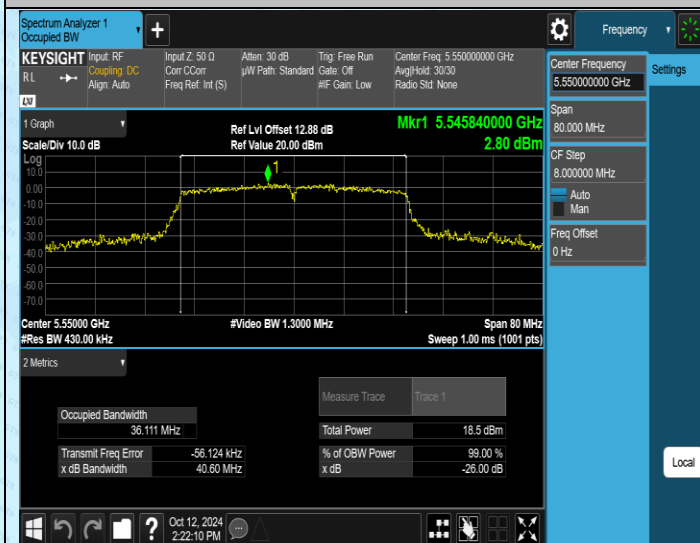




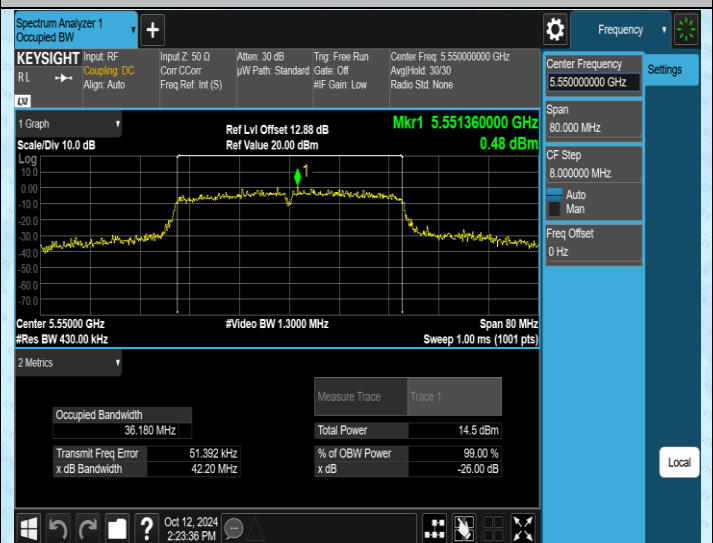
11AC40MIMO-Ant1-5510



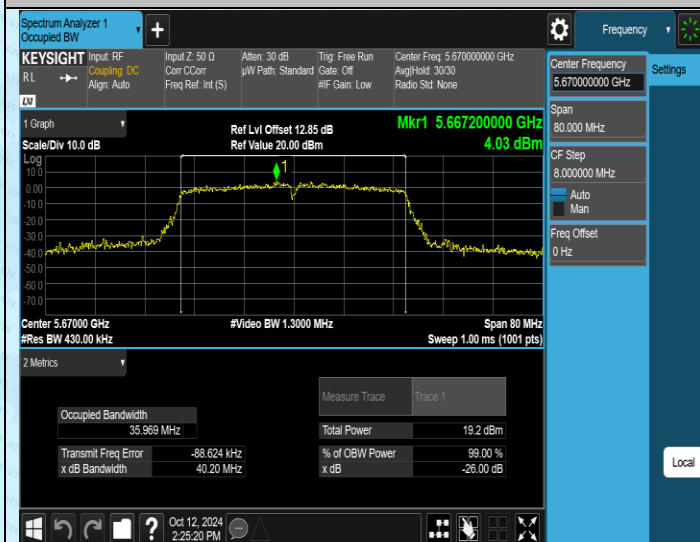
11AC40MIMO-Ant2-5510



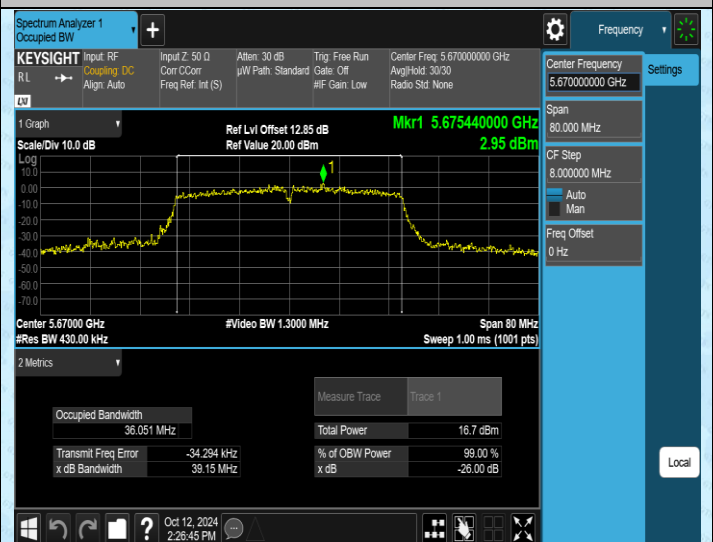
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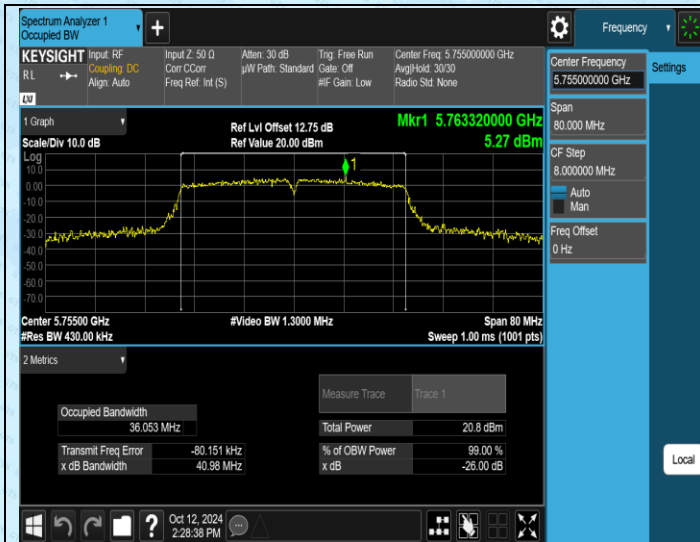
11AC40MIMO-Ant2-5550



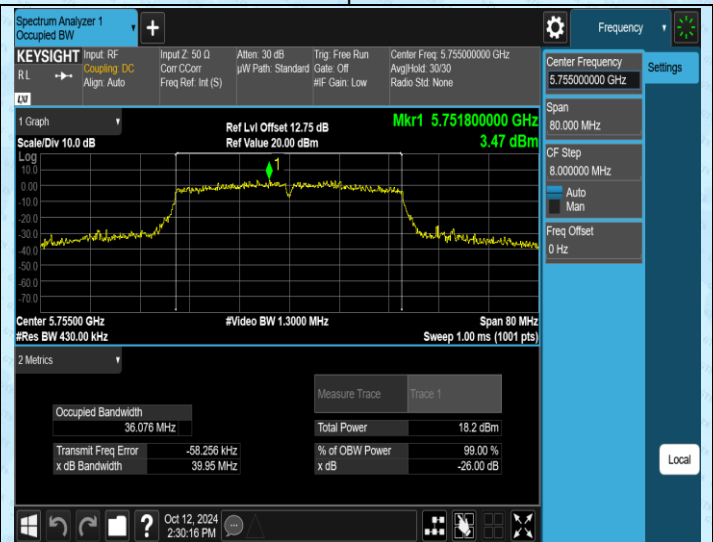
11AC40MIMO-Ant1-5670



11AC40MIMO-Ant2-5670



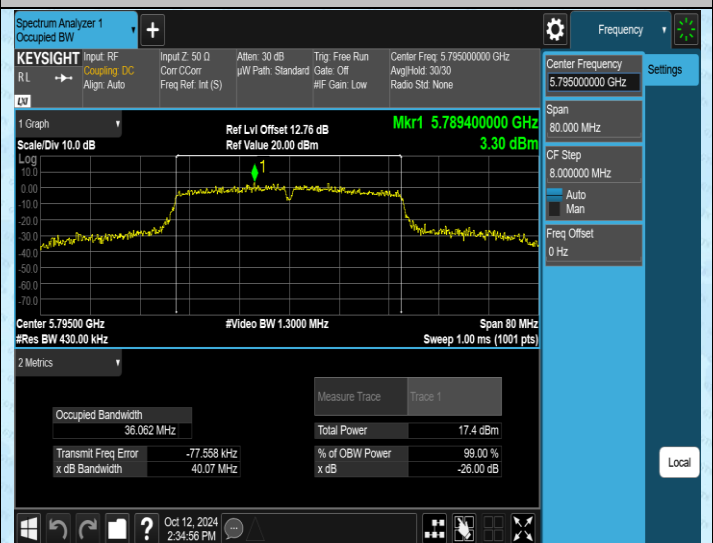
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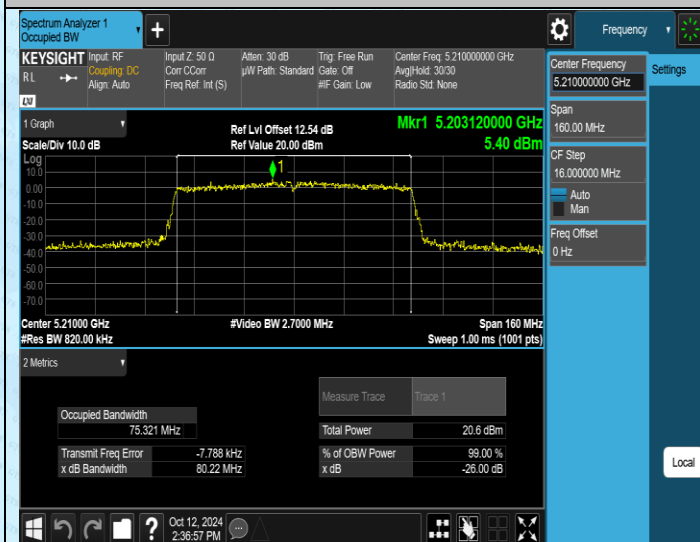
11AC40MIMO-Ant2-5755



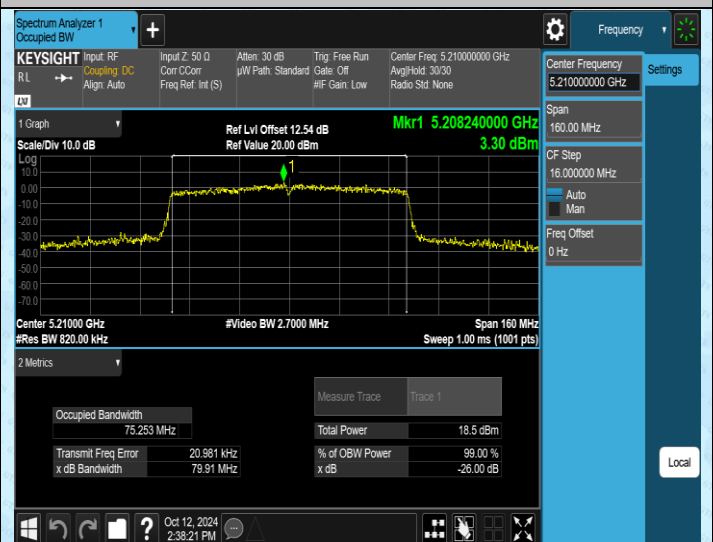
11AC40MIMO-Ant1-5795



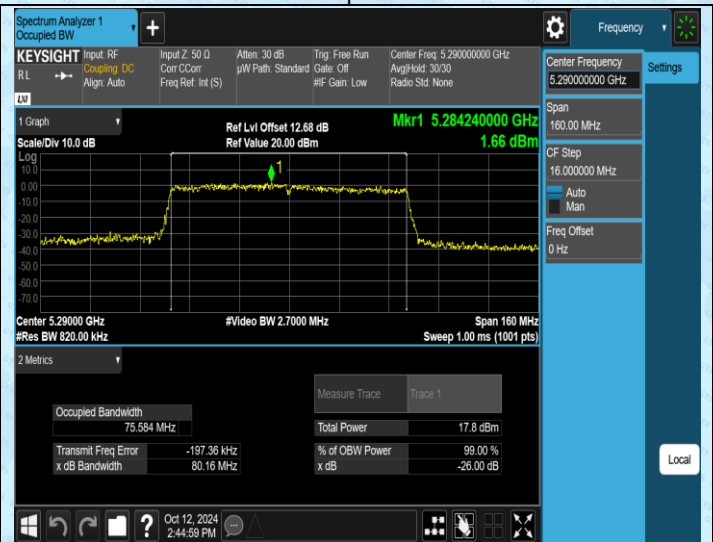
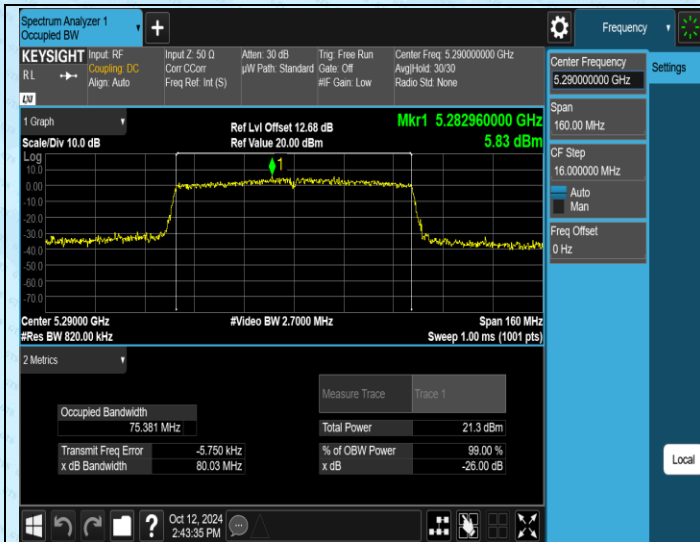
11AC40MIMO-Ant2-5795



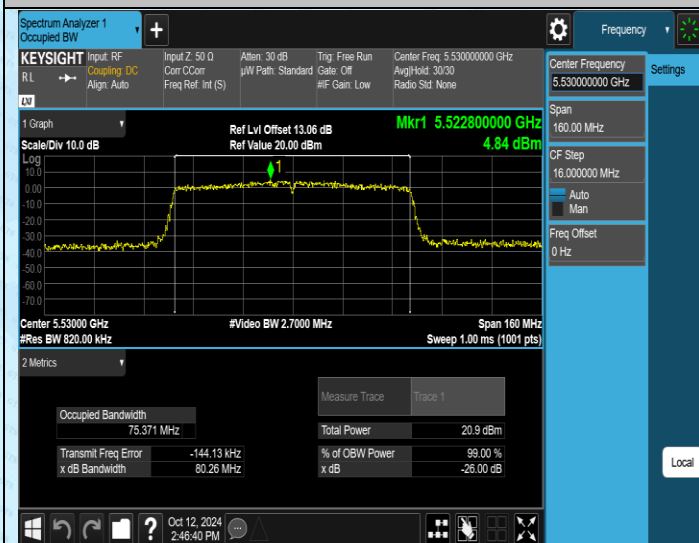
11AC80MIMO-Ant1-5210



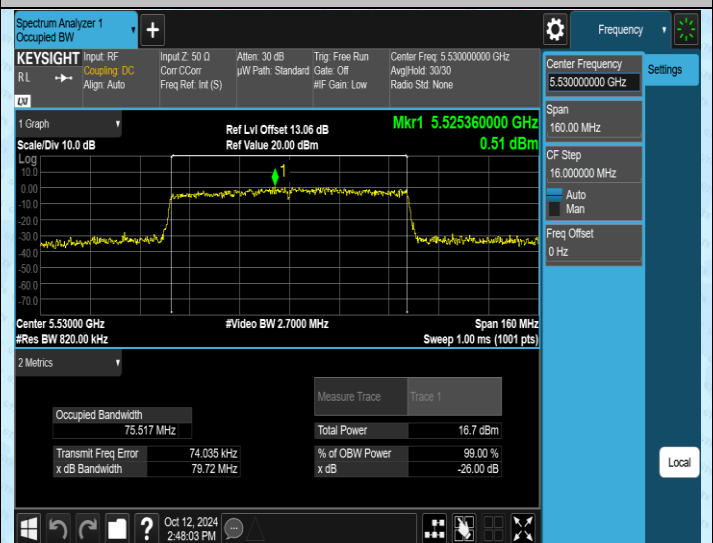
11AC80MIMO-Ant2-5210



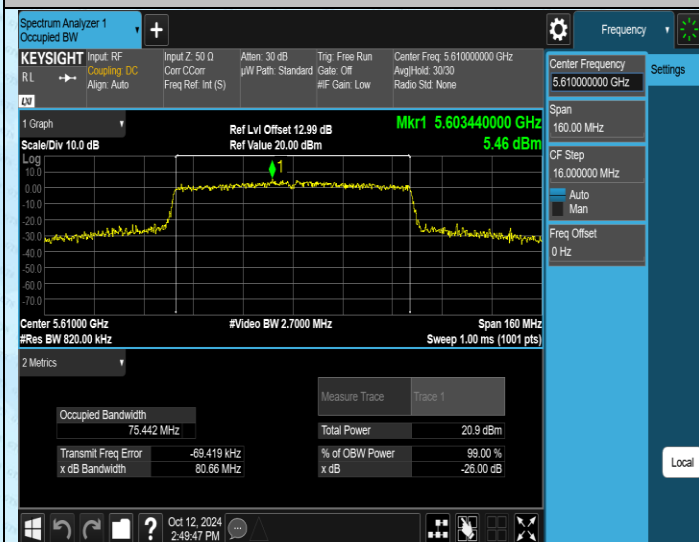
11AC80MIMO-Ant1-5290



11AC80MIMO-Ant2-5290



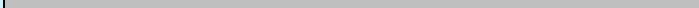
11AC80MIMO-Ant1-5530



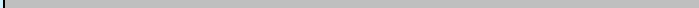
11AC80MIMO-Ant2-5530



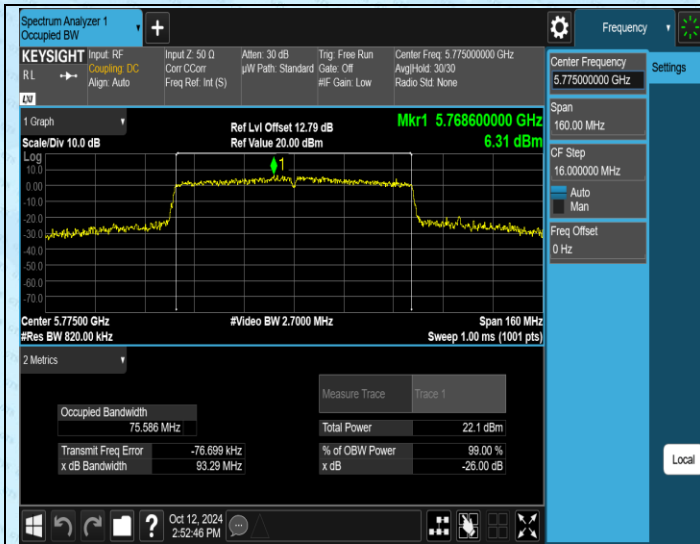
11AC80MIMO-Ant1-5610



11AC80MIMO-Ant2-5610







11AC80MIMO-Ant1-5775



11AC80MIMO-Ant2-5775

## AppendixA2: Occupied channel bandwidth

## Test Result

TestMode	Antenna	Frequency[MHz]	OCB [MHz]	FL[MHz]	FH[MHz]	Limit[MHz]	Verdict
11A	Ant1	5180	16.666	5171.6269	5188.2929	---	---
11A	Ant2	5180	16.784	5171.5596	5188.3436	---	---
11A	Ant1	5200	16.715	5191.5931	5208.3081	---	---
11A	Ant2	5200	16.709	5191.5444	5208.2534	---	---
11A	Ant1	5240	16.746	5231.5620	5248.3080	---	---
11A	Ant2	5240	16.719	5231.5909	5248.3099	---	---
11A	Ant1	5260	16.695	5251.6428	5268.3378	---	---
11A	Ant2	5260	16.775	5251.5466	5268.3216	---	---
11A	Ant1	5280	16.781	5271.5489	5288.3299	---	---
11A	Ant2	5280	16.742	5271.5583	5288.3003	---	---
11A	Ant1	5320	16.695	5311.5878	5328.2828	---	---
11A	Ant2	5320	16.642	5311.6141	5328.2561	---	---
11A	Ant1	5500	16.552	5491.6713	5508.2233	---	---
11A	Ant2	5500	16.798	5491.5572	5508.3552	---	---
11A	Ant1	5580	16.803	5571.5541	5588.3571	---	---
11A	Ant2	5580	16.972	5571.4755	5588.4475	---	---
11A	Ant1	5700	16.582	5691.6335	5708.2155	---	---
11A	Ant2	5700	16.753	5691.5267	5708.2797	---	---
11A	Ant1	5745	16.704	5736.5335	5753.2375	---	---
11A	Ant2	5745	16.755	5736.5393	5753.2943	---	---
11A	Ant1	5785	16.720	5776.5463	5793.2663	---	---
11A	Ant2	5785	16.710	5776.5079	5793.2179	---	---
11A	Ant1	5825	16.844	5816.5207	5833.3647	---	---
11A	Ant2	5825	16.932	5816.5109	5833.4429	---	---
11N20SISO	Ant1	5180	17.755	5171.0449	5188.7999	---	---
11N20SISO	Ant2	5180	17.710	5171.1044	5188.8144	---	---
11N20SISO	Ant1	5200	17.807	5191.0471	5208.8541	---	---
11N20SISO	Ant2	5200	17.812	5191.0774	5208.8894	---	---
11N20SISO	Ant1	5240	17.699	5231.1349	5248.8339	---	---
11N20SISO	Ant2	5240	17.880	5231.0322	5248.9122	---	---
11N20SISO	Ant1	5260	17.718	5251.0935	5268.8115	---	---
11N20SISO	Ant2	5260	17.808	5251.0032	5268.8112	---	---
11N20SISO	Ant1	5280	17.796	5271.0404	5288.8364	---	---
11N20SISO	Ant2	5280	17.714	5271.0766	5288.7906	---	---
11N20SISO	Ant1	5320	17.741	5311.0732	5328.8142	---	---
11N20SISO	Ant2	5320	17.770	5311.0609	5328.8309	---	---
11N20SISO	Ant1	5500	17.779	5491.0367	5508.8157	---	---
11N20SISO	Ant2	5500	17.719	5491.0633	5508.7823	---	---
11N20SISO	Ant1	5580	17.866	5571.0176	5588.8836	---	---



11N20SISO	Ant2	5580	17.922	5570.9229	5588.8449	---	---
11N20SISO	Ant1	5700	17.801	5691.0201	5708.8211	---	---
11N20SISO	Ant2	5700	17.690	5691.1193	5708.8093	---	---
11N20SISO	Ant1	5745	17.718	5736.0804	5753.7984	---	---
11N20SISO	Ant2	5745	17.751	5736.0498	5753.8008	---	---
11N20SISO	Ant1	5785	17.782	5776.0495	5793.8315	---	---
11N20SISO	Ant2	5785	17.798	5776.0444	5793.8424	---	---
11N20SISO	Ant1	5825	17.838	5815.9880	5833.8260	---	---
11N20SISO	Ant2	5825	17.857	5816.0177	5833.8747	---	---
11N40SISO	Ant1	5190	36.029	5171.9252	5207.9542	---	---
11N40SISO	Ant2	5190	36.024	5171.9280	5207.9520	---	---
11N40SISO	Ant1	5230	36.067	5211.9214	5247.9884	---	---
11N40SISO	Ant2	5230	36.078	5211.8759	5247.9539	---	---
11N40SISO	Ant1	5270	36.094	5251.9482	5288.0422	---	---
11N40SISO	Ant2	5270	36.183	5251.8125	5287.9955	---	---
11N40SISO	Ant1	5310	36.033	5291.9380	5327.9710	---	---
11N40SISO	Ant2	5310	36.074	5291.9277	5328.0017	---	---
11N40SISO	Ant1	5510	36.109	5491.8430	5527.9520	---	---
11N40SISO	Ant2	5510	36.062	5491.8963	5527.9583	---	---
11N40SISO	Ant1	5550	36.127	5531.8278	5567.9548	---	---
11N40SISO	Ant2	5550	36.219	5531.9253	5568.1443	---	---
11N40SISO	Ant1	5670	36.184	5651.9015	5688.0855	---	---
11N40SISO	Ant2	5670	36.159	5651.9073	5688.0663	---	---
11N40SISO	Ant1	5755	36.119	5736.8547	5772.9737	---	---
11N40SISO	Ant2	5755	36.106	5736.8363	5772.9423	---	---
11N40SISO	Ant1	5795	36.139	5776.8433	5812.9823	---	---
11N40SISO	Ant2	5795	36.162	5776.8536	5813.0156	---	---
11AC20SISO	Ant1	5180	17.766	5171.0555	5188.8215	---	---
11AC20SISO	Ant2	5180	17.739	5171.0545	5188.7935	---	---
11AC20SISO	Ant1	5200	17.772	5191.0458	5208.8178	---	---
11AC20SISO	Ant2	5200	17.836	5191.0039	5208.8399	---	---
11AC20SISO	Ant1	5240	17.836	5231.0275	5248.8635	---	---
11AC20SISO	Ant2	5240	17.725	5231.0265	5248.7515	---	---
11AC20SISO	Ant1	5260	17.757	5251.0445	5268.8015	---	---
11AC20SISO	Ant2	5260	17.786	5250.9951	5268.7811	---	---
11AC20SISO	Ant1	5280	17.712	5271.0722	5288.7842	---	---
11AC20SISO	Ant2	5280	17.708	5271.0537	5288.7617	---	---
11AC20SISO	Ant1	5320	17.693	5311.0721	5328.7651	---	---
11AC20SISO	Ant2	5320	17.697	5311.0855	5328.7825	---	---
11AC20SISO	Ant1	5500	17.764	5491.0554	5508.8194	---	---
11AC20SISO	Ant2	5500	17.720	5491.0911	5508.8111	---	---
11AC20SISO	Ant1	5580	17.875	5571.0098	5588.8848	---	---
11AC20SISO	Ant2	5580	17.853	5571.0410	5588.8940	---	---
11AC20SISO	Ant1	5700	17.815	5691.0248	5708.8398	---	---

11AC20SISO	Ant2	5700	17.699	5691.0932	5708.7922	---	---
11AC20SISO	Ant1	5745	17.748	5736.0538	5753.8018	---	---
11AC20SISO	Ant2	5745	17.732	5736.0588	5753.7908	---	---
11AC20SISO	Ant1	5785	17.726	5776.0633	5793.7893	---	---
11AC20SISO	Ant2	5785	17.749	5776.0321	5793.7811	---	---
11AC20SISO	Ant1	5825	17.843	5816.0331	5833.8761	---	---
11AC20SISO	Ant2	5825	17.853	5815.9922	5833.8452	---	---
11AC40SISO	Ant1	5190	36.023	5171.9242	5207.9472	---	---
11AC40SISO	Ant2	5190	36.013	5171.9102	5207.9232	---	---
11AC40SISO	Ant1	5230	36.126	5211.8774	5248.0034	---	---
11AC40SISO	Ant2	5230	36.203	5211.8043	5248.0073	---	---
11AC40SISO	Ant1	5270	36.187	5251.8250	5288.0120	---	---
11AC40SISO	Ant2	5270	36.093	5251.8506	5287.9436	---	---
11AC40SISO	Ant1	5310	36.070	5291.9015	5327.9715	---	---
11AC40SISO	Ant2	5310	36.034	5291.9249	5327.9589	---	---
11AC40SISO	Ant1	5510	36.052	5491.8899	5527.9419	---	---
11AC40SISO	Ant2	5510	36.025	5491.9094	5527.9344	---	---
11AC40SISO	Ant1	5550	36.226	5531.8340	5568.0600	---	---
11AC40SISO	Ant2	5550	36.081	5531.9461	5568.0271	---	---
11AC40SISO	Ant1	5670	36.036	5651.8971	5687.9331	---	---
11AC40SISO	Ant2	5670	36.150	5651.8114	5687.9614	---	---
11AC40SISO	Ant1	5755	36.111	5736.8279	5772.9389	---	---
11AC40SISO	Ant2	5755	36.129	5736.7919	5772.9209	---	---
11AC40SISO	Ant1	5795	36.161	5776.8261	5812.9871	---	---
11AC40SISO	Ant2	5795	36.158	5776.8518	5813.0098	---	---
11AC80SISO	Ant1	5210	75.646	5172.1082	5247.7542	---	---
11AC80SISO	Ant2	5210	75.738	5172.0182	5247.7562	---	---
11AC80SISO	Ant1	5290	75.506	5252.1804	5327.6864	---	---
11AC80SISO	Ant2	5290	75.588	5252.0479	5327.6359	---	---
11AC80SISO	Ant1	5530	75.401	5492.2104	5567.6114	---	---
11AC80SISO	Ant2	5530	75.630	5492.1161	5567.7461	---	---
11AC80SISO	Ant1	5610	75.595	5572.1956	5647.7906	---	---
11AC80SISO	Ant2	5610	75.690	5572.1821	5647.8721	---	---
11AC80SISO	Ant1	5775	75.547	5737.1383	5812.6853	---	---
11AC80SISO	Ant2	5775	75.375	5737.2012	5812.5762	---	---
11N20MIMO	Ant1	5180	17.734	5171.1040	5188.8380	---	---
11N20MIMO	Ant2	5180	17.739	5171.0892	5188.8282	---	---
11N20MIMO	Ant1	5200	17.715	5191.0981	5208.8131	---	---
11N20MIMO	Ant2	5200	17.632	5191.1551	5208.7871	---	---
11N20MIMO	Ant1	5240	17.741	5231.0851	5248.8261	---	---
11N20MIMO	Ant2	5240	17.683	5231.1020	5248.7850	---	---
11N20MIMO	Ant1	5260	17.718	5251.1100	5268.8280	---	---
11N20MIMO	Ant2	5260	17.649	5251.0946	5268.7436	---	---
11N20MIMO	Ant1	5280	17.817	5271.0331	5288.8501	---	---

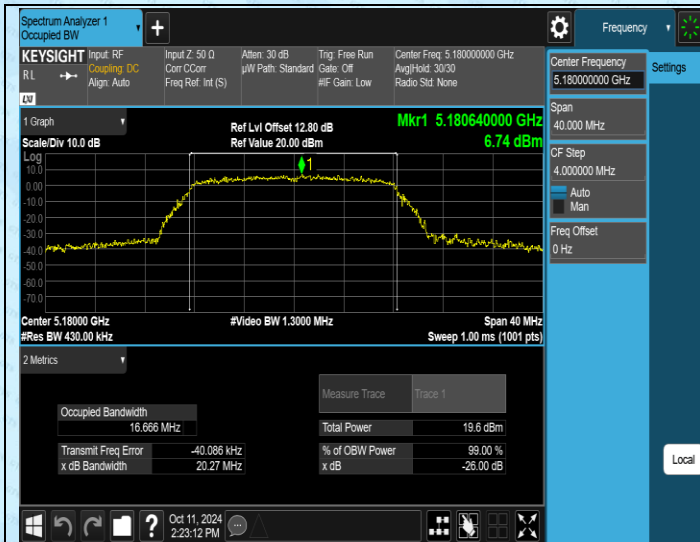


11N20MIMO	Ant2	5280	17.662	5271.0838	5288.7458	---	---
11N20MIMO	Ant1	5320	17.678	5311.0956	5328.7736	---	---
11N20MIMO	Ant2	5320	17.721	5311.0962	5328.8172	---	---
11N20MIMO	Ant1	5500	17.742	5491.0315	5508.7735	---	---
11N20MIMO	Ant2	5500	17.710	5491.0921	5508.8021	---	---
11N20MIMO	Ant1	5580	17.781	5571.0520	5588.8330	---	---
11N20MIMO	Ant2	5580	17.861	5571.0370	5588.8980	---	---
11N20MIMO	Ant1	5700	17.732	5691.0952	5708.8272	---	---
11N20MIMO	Ant2	5700	17.700	5691.1006	5708.8006	---	---
11N20MIMO	Ant1	5745	17.721	5736.0883	5753.8093	---	---
11N20MIMO	Ant2	5745	17.664	5736.1177	5753.7817	---	---
11N20MIMO	Ant1	5785	17.930	5776.0430	5793.9730	---	---
11N20MIMO	Ant2	5785	17.875	5776.0008	5793.8758	---	---
11N20MIMO	Ant1	5825	17.937	5815.9389	5833.8759	---	---
11N20MIMO	Ant2	5825	17.841	5816.0292	5833.8702	---	---
11N40MIMO	Ant1	5190	36.124	5171.8993	5208.0233	---	---
11N40MIMO	Ant2	5190	36.161	5171.9553	5208.1163	---	---
11N40MIMO	Ant1	5230	36.097	5211.9213	5248.0183	---	---
11N40MIMO	Ant2	5230	36.058	5211.9441	5248.0021	---	---
11N40MIMO	Ant1	5270	36.131	5251.8827	5288.0137	---	---
11N40MIMO	Ant2	5270	36.066	5251.7432	5287.8092	---	---
11N40MIMO	Ant1	5310	36.098	5291.9356	5328.0336	---	---
11N40MIMO	Ant2	5310	36.148	5291.9225	5328.0705	---	---
11N40MIMO	Ant1	5510	36.131	5491.8521	5527.9831	---	---
11N40MIMO	Ant2	5510	36.095	5491.9036	5527.9986	---	---
11N40MIMO	Ant1	5550	36.228	5531.8066	5568.0346	---	---
11N40MIMO	Ant2	5550	36.240	5531.9311	5568.1711	---	---
11N40MIMO	Ant1	5670	36.076	5651.9328	5688.0088	---	---
11N40MIMO	Ant2	5670	36.008	5651.9807	5687.9887	---	---
11N40MIMO	Ant1	5755	36.148	5736.8491	5772.9971	---	---
11N40MIMO	Ant2	5755	36.049	5736.8804	5772.9294	---	---
11N40MIMO	Ant1	5795	36.201	5776.8315	5813.0325	---	---
11N40MIMO	Ant2	5795	36.219	5776.7280	5812.9470	---	---
11AC20MIMO	Ant1	5180	17.729	5171.1080	5188.8370	---	---
11AC20MIMO	Ant2	5180	17.686	5171.1157	5188.8017	---	---
11AC20MIMO	Ant1	5200	17.669	5191.1166	5208.7856	---	---
11AC20MIMO	Ant2	5200	17.803	5191.0748	5208.8778	---	---
11AC20MIMO	Ant1	5240	17.704	5231.0998	5248.8038	---	---
11AC20MIMO	Ant2	5240	17.752	5231.0903	5248.8423	---	---
11AC20MIMO	Ant1	5260	17.687	5251.0840	5268.7710	---	---
11AC20MIMO	Ant2	5260	17.688	5251.1075	5268.7955	---	---
11AC20MIMO	Ant1	5280	17.791	5271.0816	5288.8726	---	---
11AC20MIMO	Ant2	5280	17.676	5271.0811	5288.7571	---	---
11AC20MIMO	Ant1	5320	17.724	5311.0576	5328.7816	---	---



11AC20MIMO	Ant2	5320	17.828	5311.0806	5328.9086	---	---
11AC20MIMO	Ant1	5500	17.849	5491.0579	5508.9069	---	---
11AC20MIMO	Ant2	5500	17.640	5491.1474	5508.7874	---	---
11AC20MIMO	Ant1	5580	17.802	5571.0195	5588.8215	---	---
11AC20MIMO	Ant2	5580	17.738	5571.0731	5588.8111	---	---
11AC20MIMO	Ant1	5700	17.725	5691.0926	5708.8176	---	---
11AC20MIMO	Ant2	5700	17.642	5691.1235	5708.7655	---	---
11AC20MIMO	Ant1	5745	17.792	5736.0210	5753.8130	---	---
11AC20MIMO	Ant2	5745	17.748	5736.0726	5753.8206	---	---
11AC20MIMO	Ant1	5785	17.905	5776.0151	5793.9201	---	---
11AC20MIMO	Ant2	5785	17.864	5775.9828	5793.8468	---	---
11AC20MIMO	Ant1	5825	17.917	5815.9800	5833.8970	---	---
11AC20MIMO	Ant2	5825	18.011	5815.9899	5834.0009	---	---
11AC40MIMO	Ant1	5190	36.056	5171.9746	5208.0306	---	---
11AC40MIMO	Ant2	5190	36.130	5171.9182	5208.0482	---	---
11AC40MIMO	Ant1	5230	36.022	5211.9292	5247.9512	---	---
11AC40MIMO	Ant2	5230	36.015	5211.9996	5248.0146	---	---
11AC40MIMO	Ant1	5270	36.083	5251.9022	5287.9852	---	---
11AC40MIMO	Ant2	5270	36.026	5251.7516	5287.7776	---	---
11AC40MIMO	Ant1	5310	35.983	5291.9484	5327.9314	---	---
11AC40MIMO	Ant2	5310	36.159	5291.9157	5328.0747	---	---
11AC40MIMO	Ant1	5510	36.023	5491.9203	5527.9433	---	---
11AC40MIMO	Ant2	5510	36.139	5491.9107	5528.0497	---	---
11AC40MIMO	Ant1	5550	36.072	5531.8494	5567.9214	---	---
11AC40MIMO	Ant2	5550	36.419	5531.8752	5568.2942	---	---
11AC40MIMO	Ant1	5670	36.061	5651.9251	5687.9861	---	---
11AC40MIMO	Ant2	5670	36.194	5651.8735	5688.0675	---	---
11AC40MIMO	Ant1	5755	36.165	5736.8683	5773.0333	---	---
11AC40MIMO	Ant2	5755	36.109	5736.8254	5772.9344	---	---
11AC40MIMO	Ant1	5795	36.282	5776.8075	5813.0895	---	---
11AC40MIMO	Ant2	5795	36.352	5776.7669	5813.1189	---	---
11AC80MIMO	Ant1	5210	75.714	5172.0965	5247.8105	---	---
11AC80MIMO	Ant2	5210	75.455	5172.2808	5247.7358	---	---
11AC80MIMO	Ant1	5290	75.213	5252.4218	5327.6348	---	---
11AC80MIMO	Ant2	5290	75.830	5251.8391	5327.6691	---	---
11AC80MIMO	Ant1	5530	75.529	5492.1677	5567.6967	---	---
11AC80MIMO	Ant2	5530	75.739	5492.2058	5567.9448	---	---
11AC80MIMO	Ant1	5610	75.755	5572.1187	5647.8737	---	---
11AC80MIMO	Ant2	5610	75.779	5571.9652	5647.7442	---	---
11AC80MIMO	Ant1	5775	75.605	5737.1197	5812.7247	---	---
11AC80MIMO	Ant2	5775	75.545	5736.9754	5812.5204	---	---

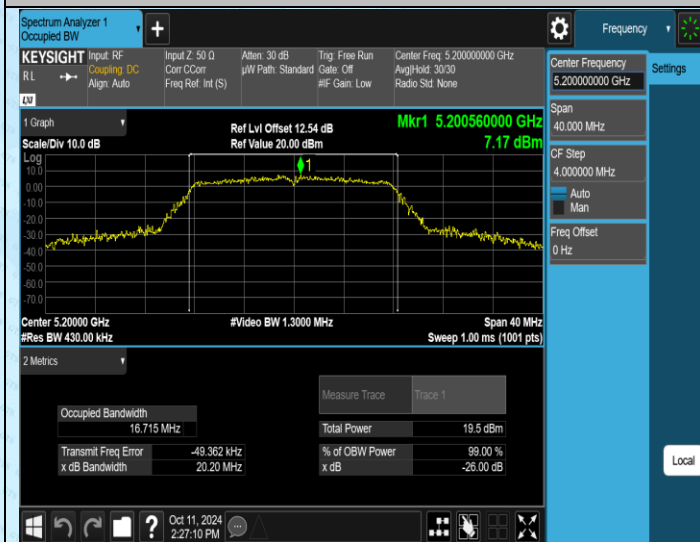
## Test Graphs



11A-Ant1-5180



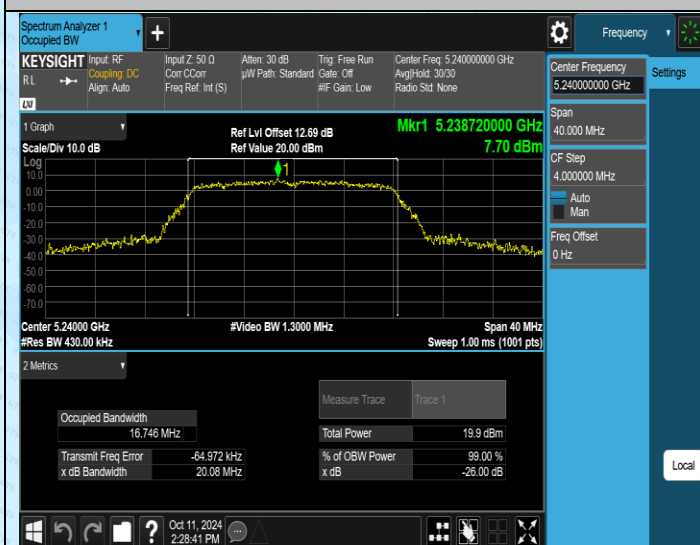
11A-Ant2-5180



11A-Ant1-5200



11A-Ant2-5200

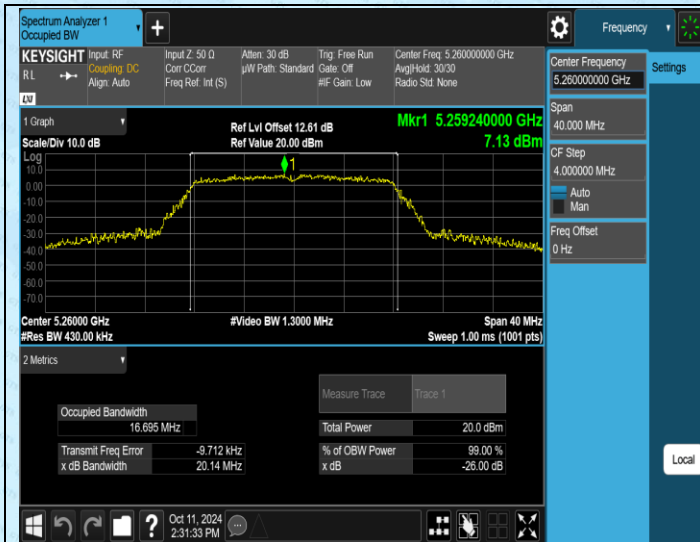


11A-Ant1-5240



11A-Ant2-5240





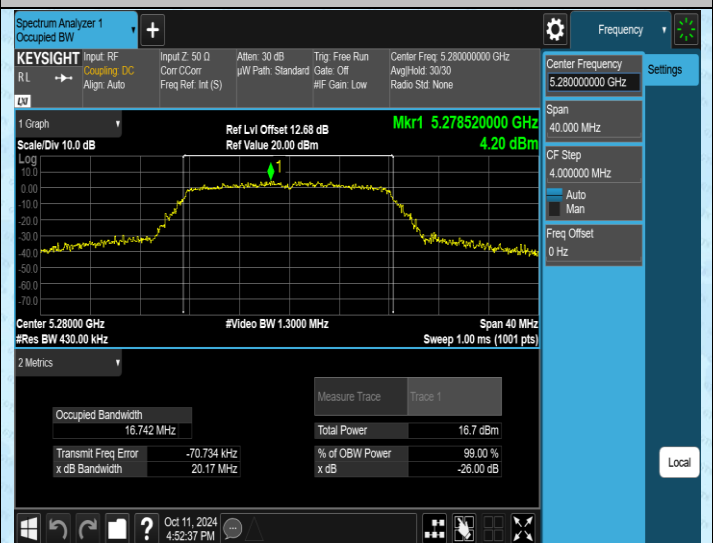
11A-Ant1-5260



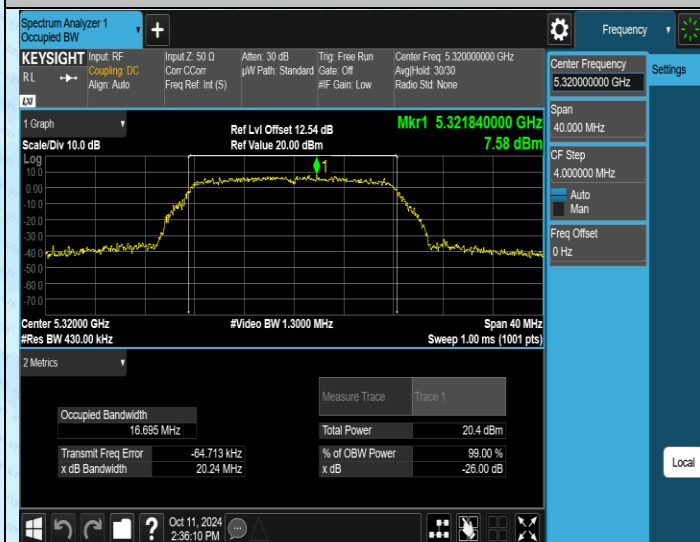
11A-Ant2-5260



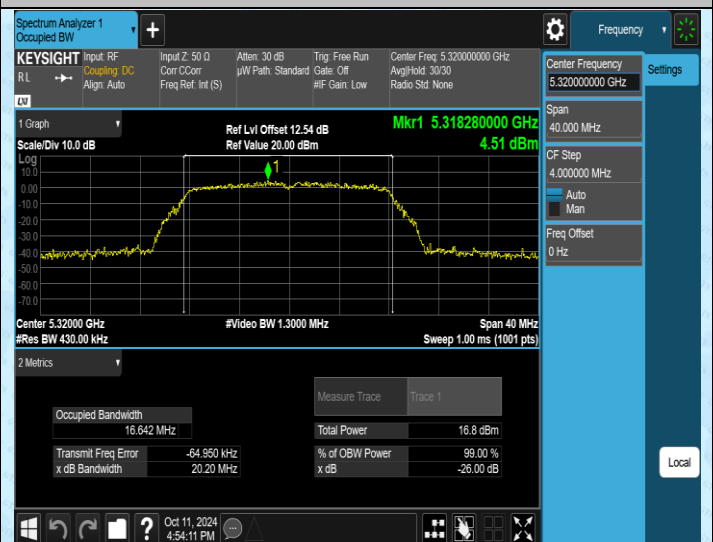
11A-Ant1-5280



11A-Ant2-5280



11A-Ant1-5320



11A-Ant2-5320