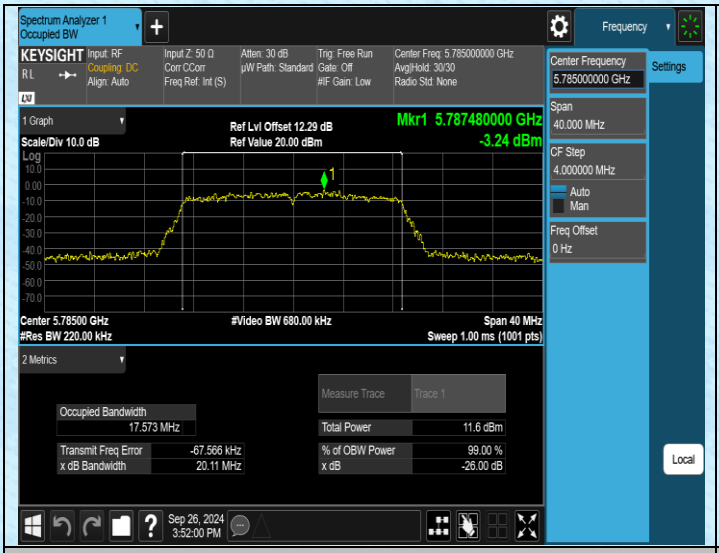
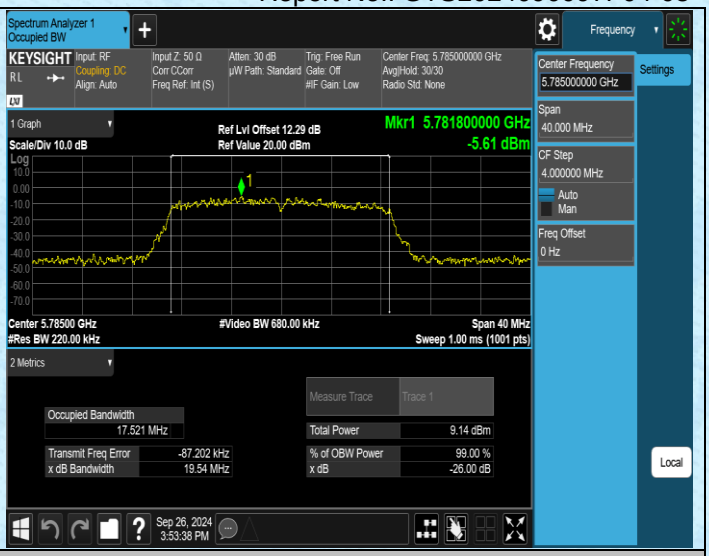
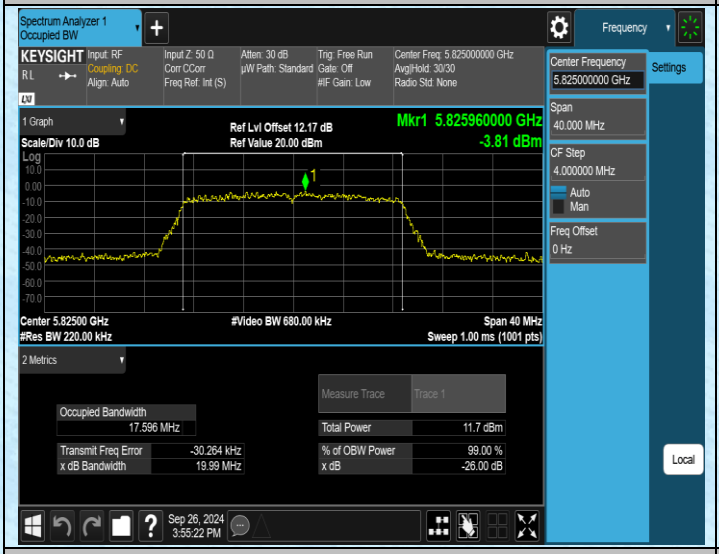


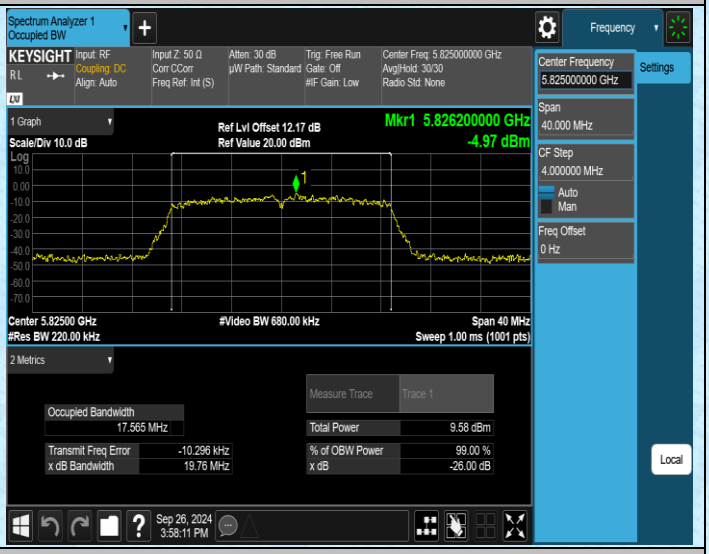
11AC20MIMO-Ant1-5785



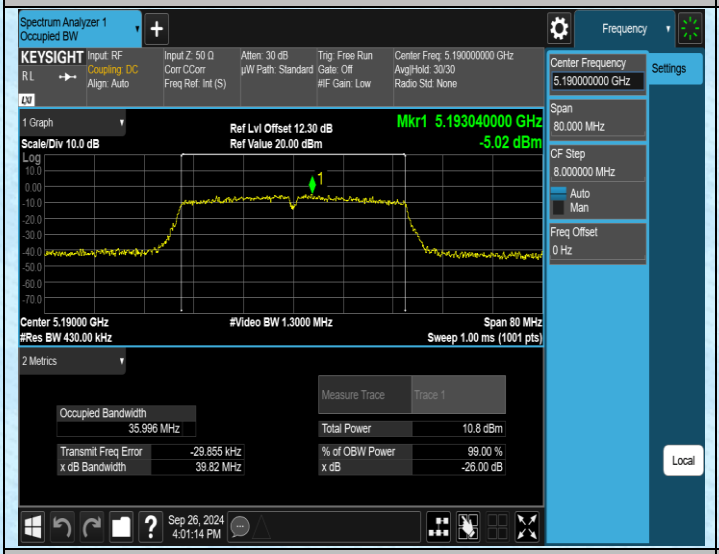
11AC20MIMO-Ant2-5785



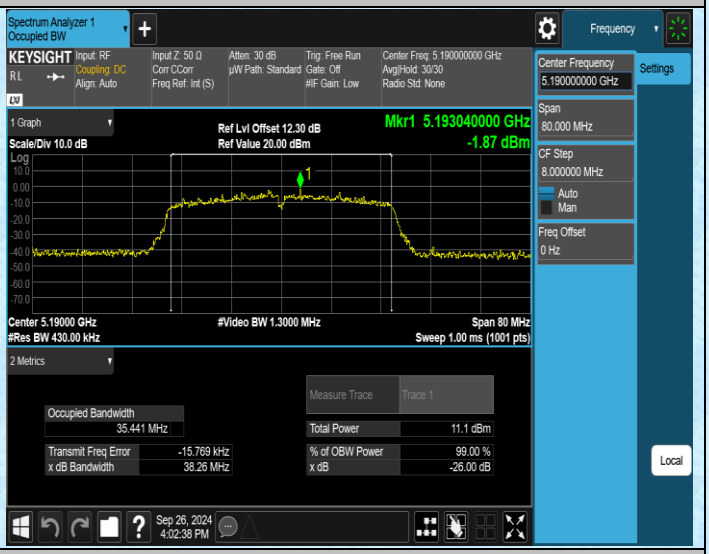
11AC20MIMO-Ant1-5825



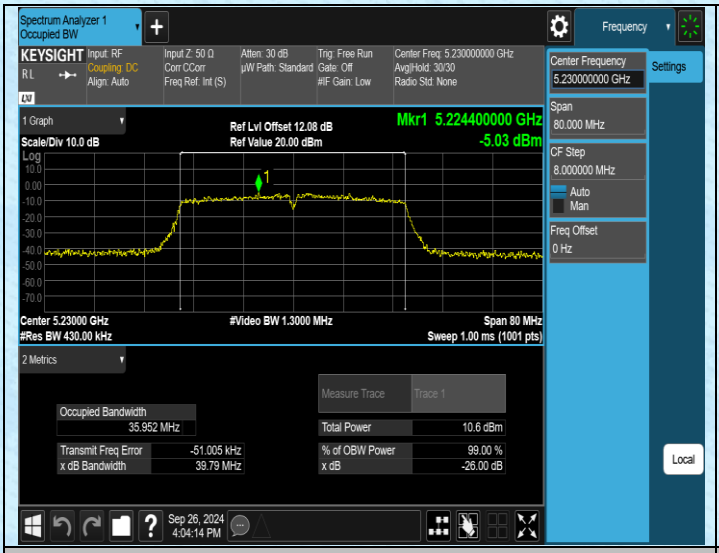
11AC20MIMO-Ant2-5825



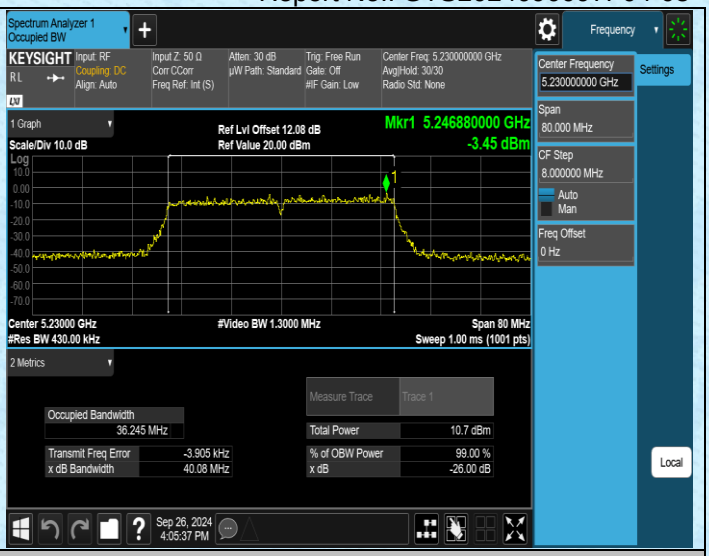
11AC40MIMO-Ant1-5190



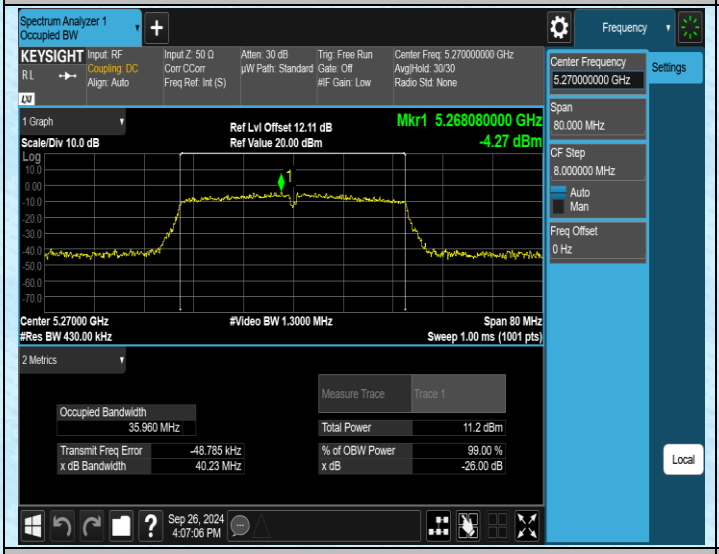
11AC40MIMO-Ant2-5190



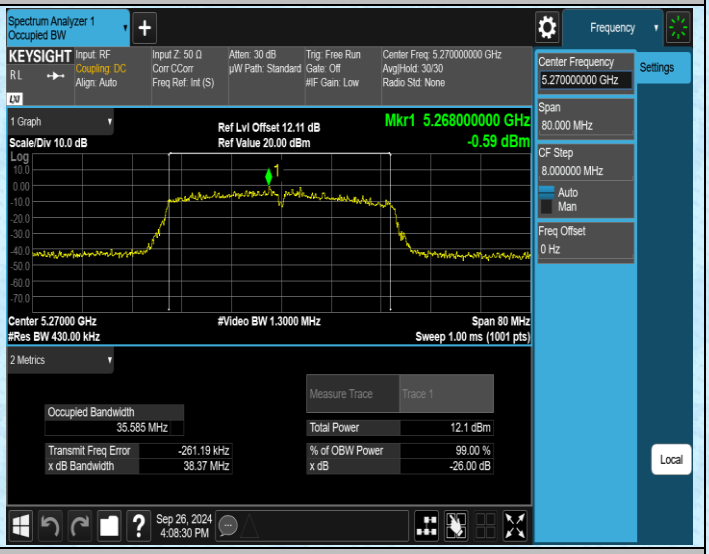
11AC40MIMO-Ant1-5230



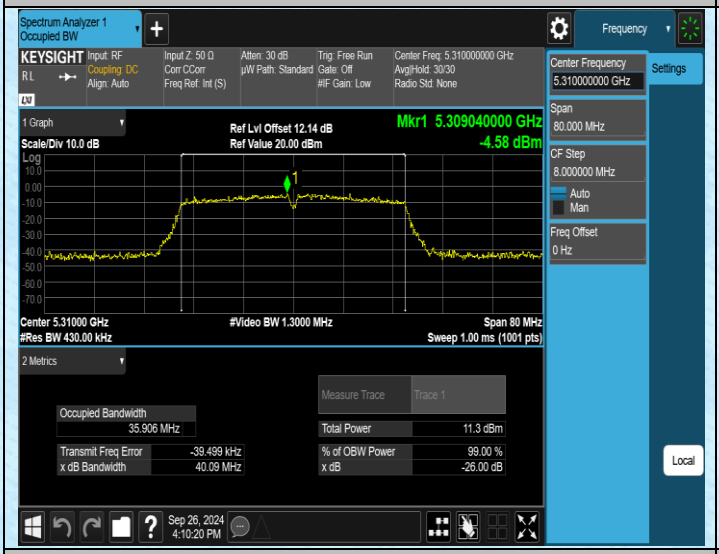
11AC40MIMO-Ant2-5230



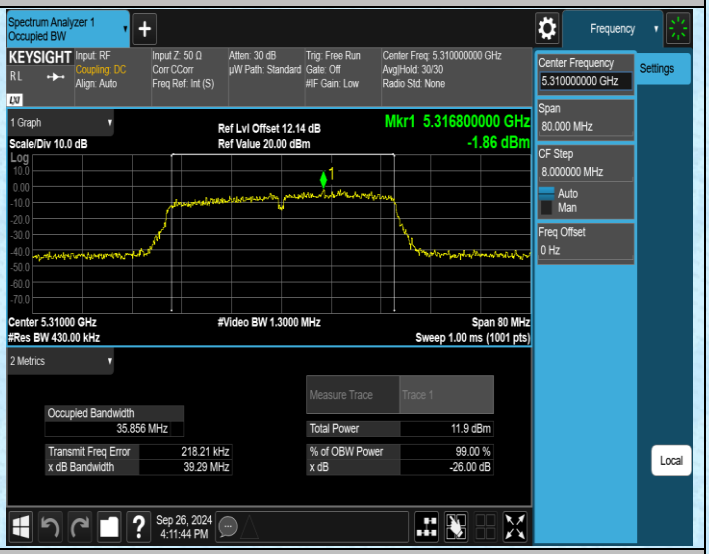
11AC40MIMO-Ant1-5270



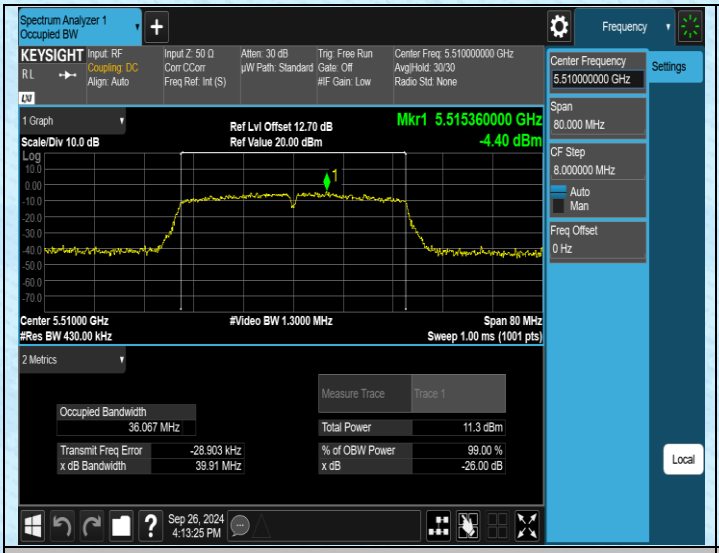
11AC40MIMO-Ant2-5270



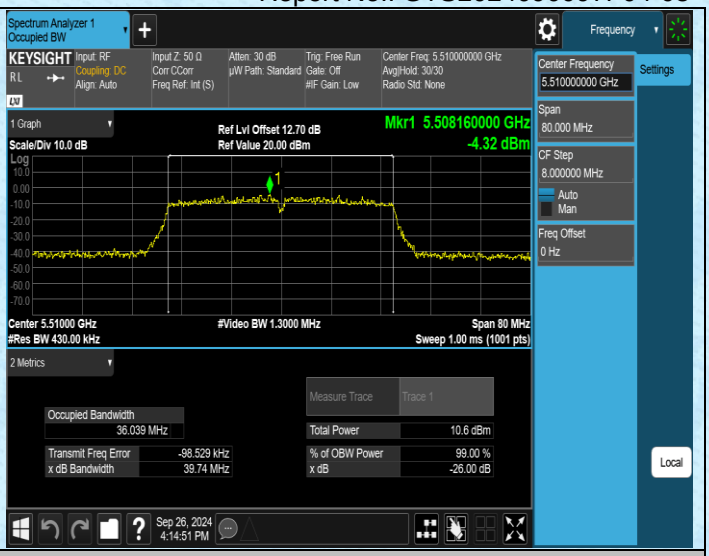
11AC40MIMO-Ant1-5310



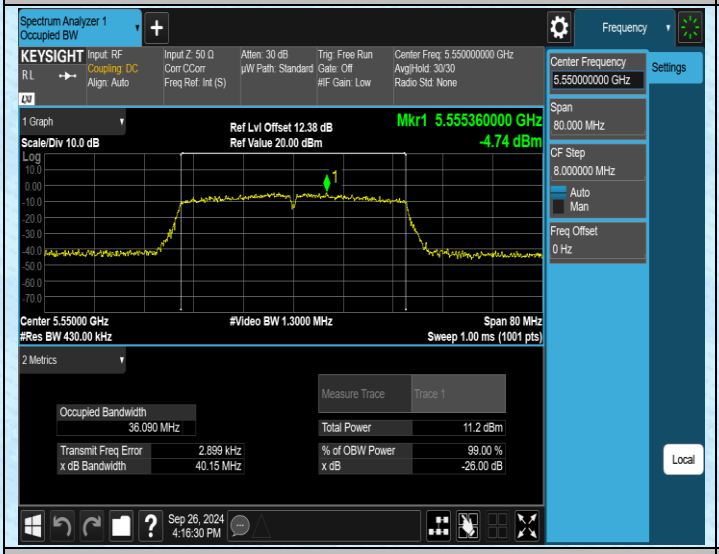
11AC40MIMO-Ant2-5310



11AC40MIMO-Ant1-5510

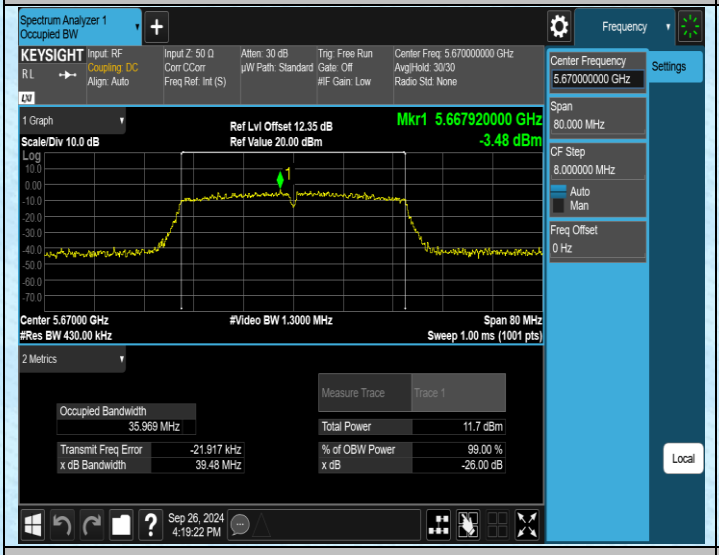


11AC40MIMO-Ant2-5510

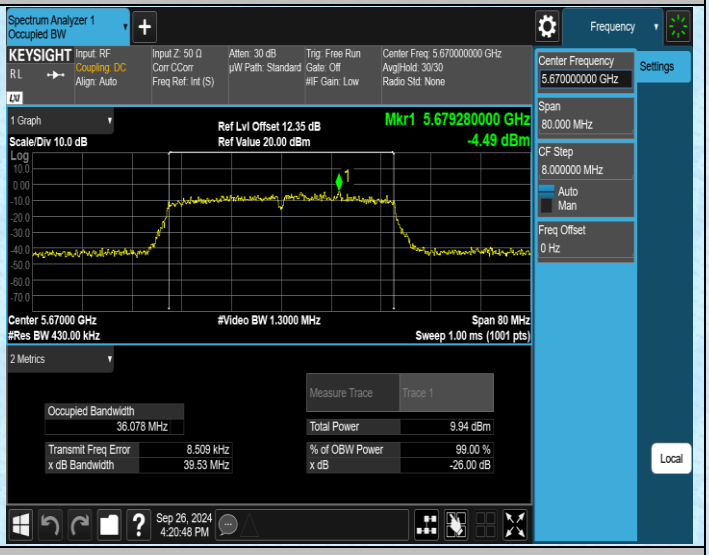


11AC40MIMO-Ant1-5550

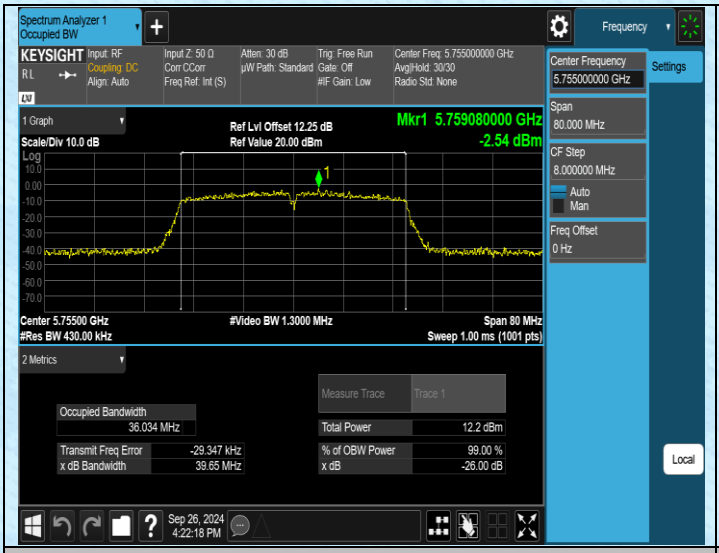
11AC40MIMO-Ant2-5550



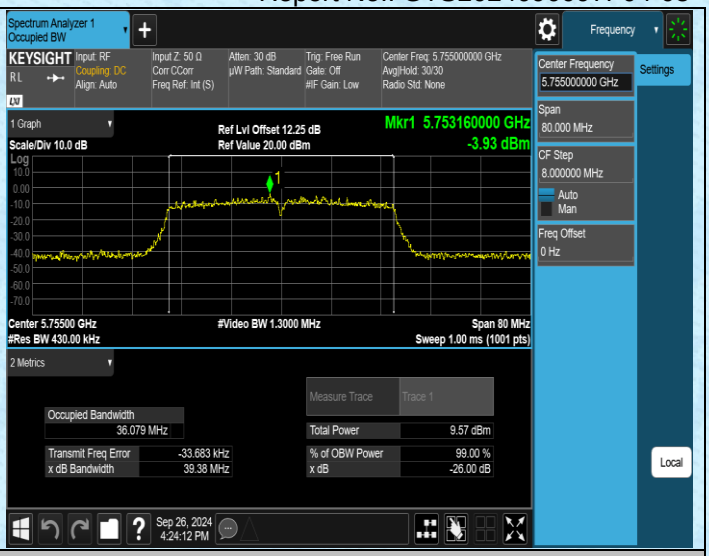
11AC40MIMO-Ant1-5670



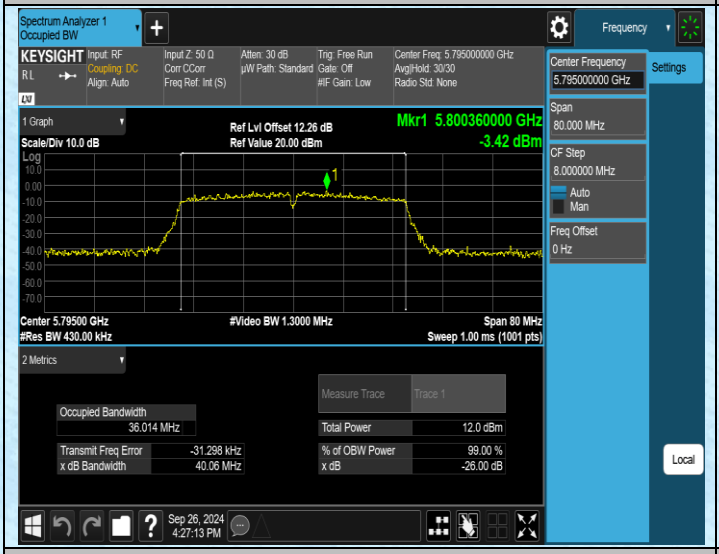
11AC40MIMO-Ant2-5670



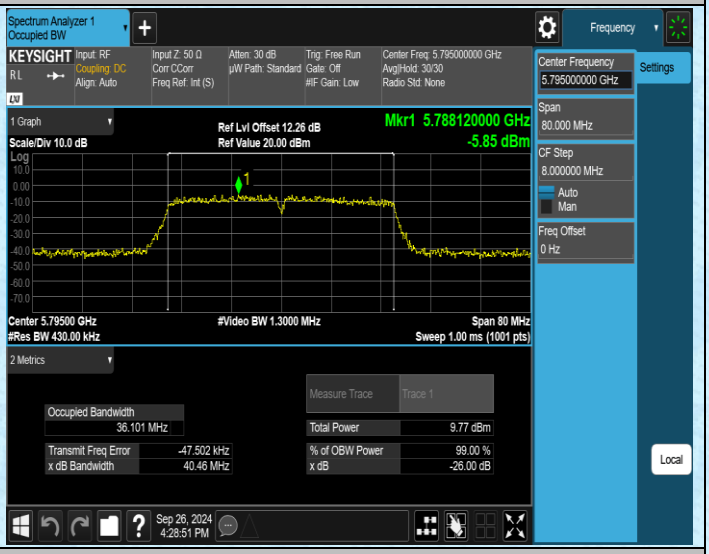
11AC40MIMO-Ant1-5755



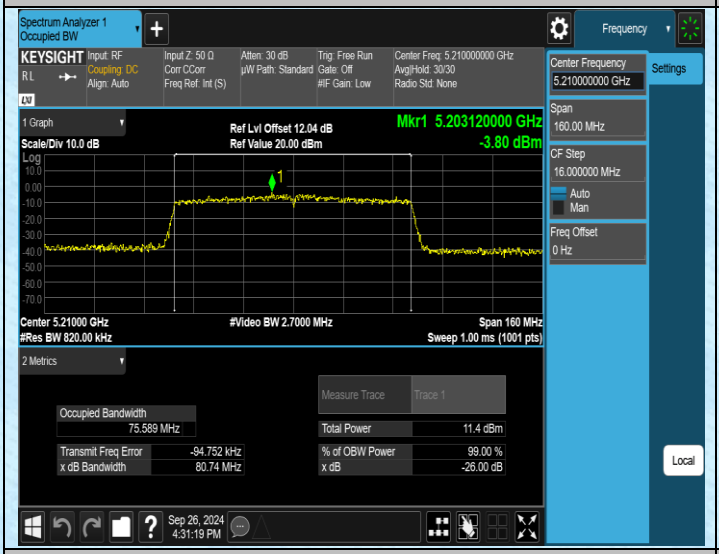
11AC40MIMO-Ant2-5755



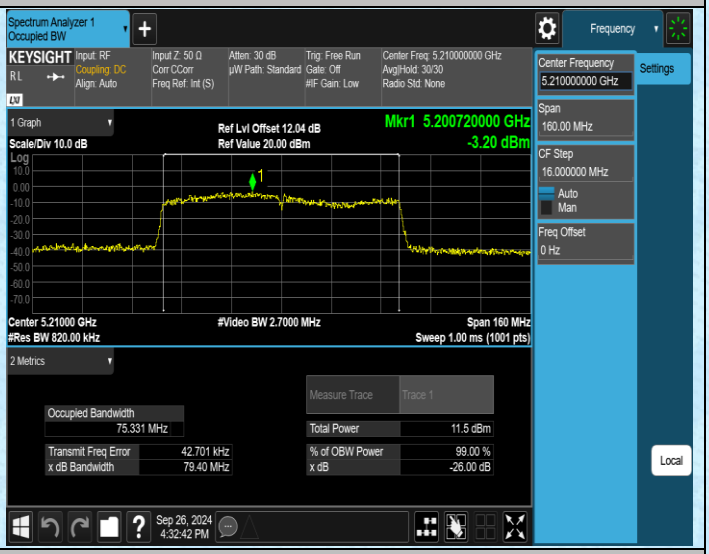
11AC40MIMO-Ant1-5795



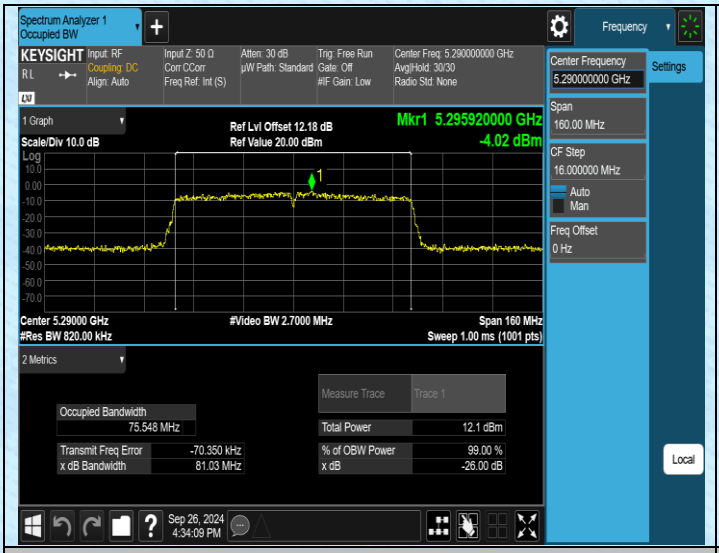
11AC40MIMO-Ant2-5795



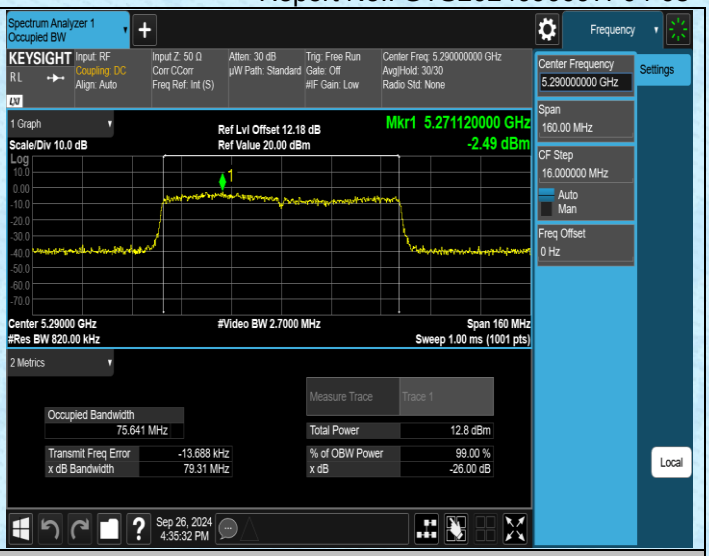
11AC80MIMO-Ant1-5210



11AC80MIMO-Ant2-5210



11AC80MIMO-Ant1-5290



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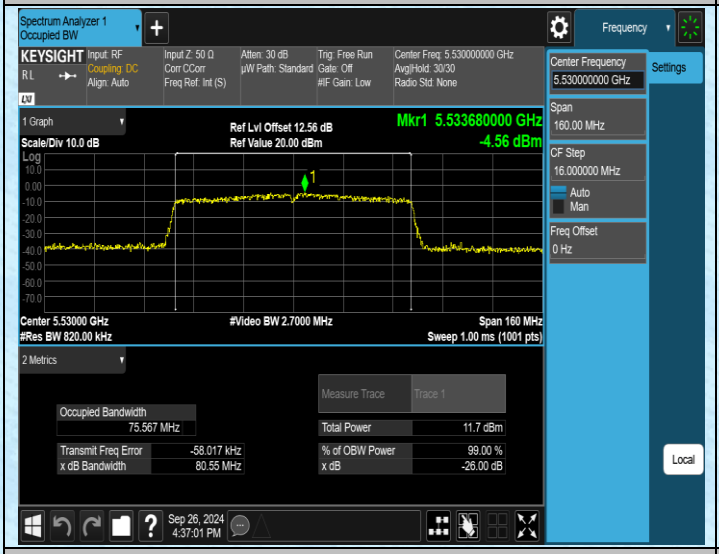
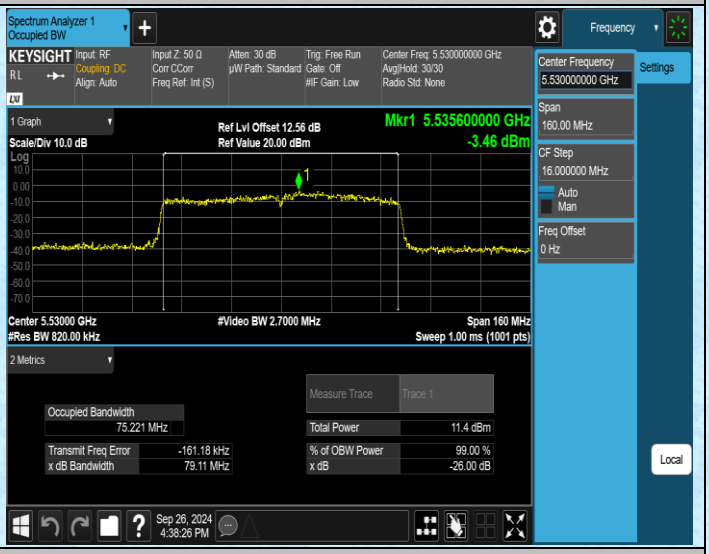
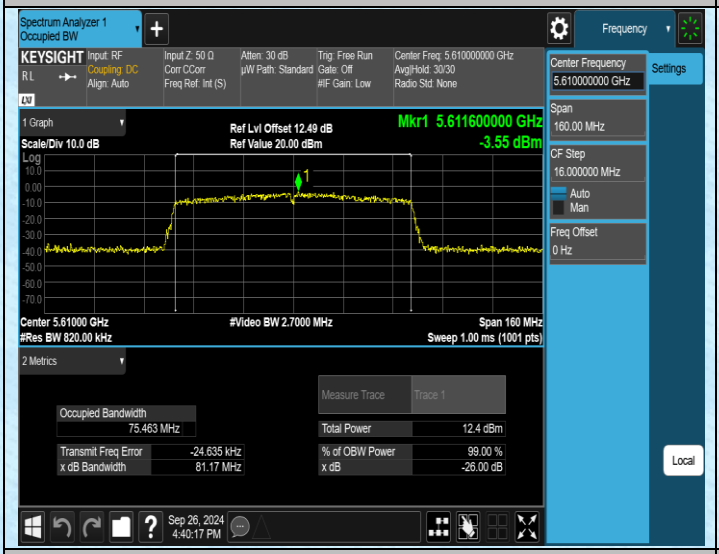


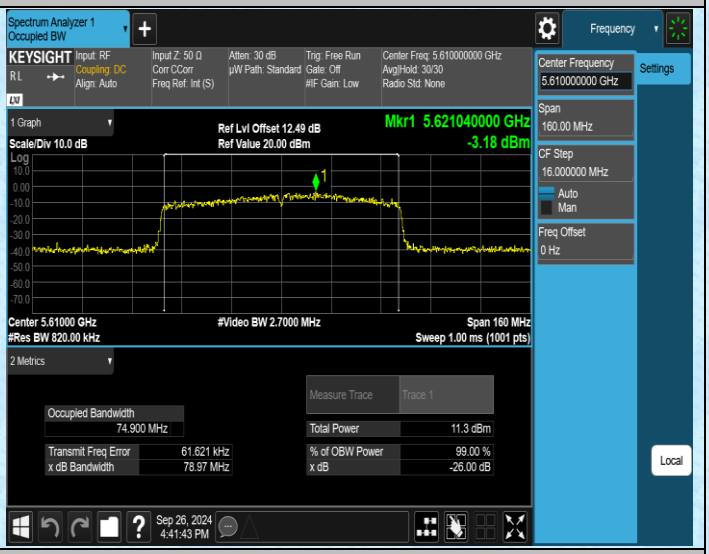
11AC80MIMO-Ant1-5530



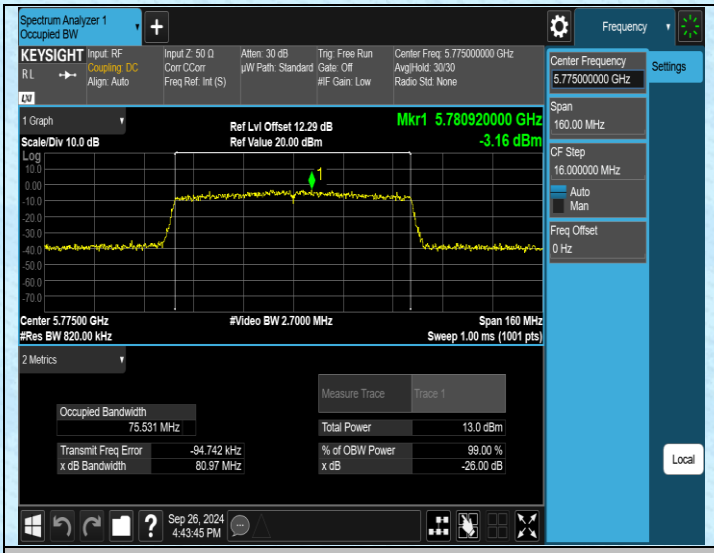
11AC80MIMO-Ant2-5530



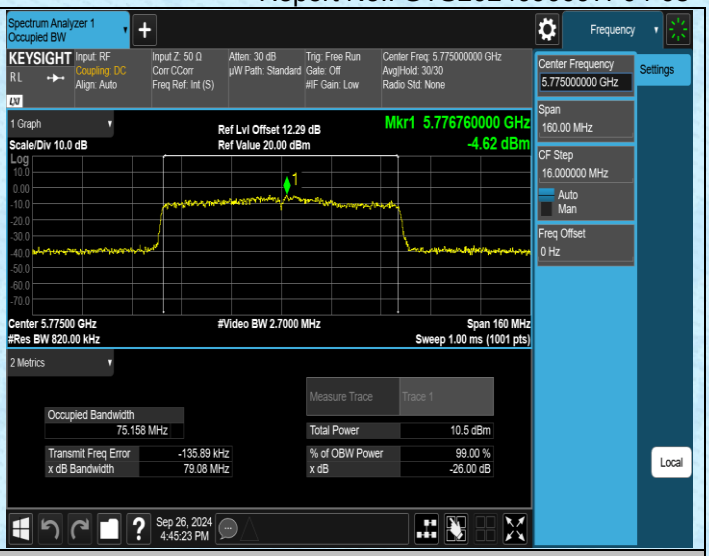
11AC80MIMO-Ant1-5610



11AC80MIMO-Ant2-5610



11AC80MIMO-Ant1-5775



11AC80MIMO-Ant2-5775

AppendixA2: Occupied channel bandwidth

Test Result

Test Mode	Antenna	Frequency[MHz]	Rate	OCB [MHz]	FL[MHz]	FH[MHz]	Limit[MHz]	Verdict
11A	Ant1	5180	6Mbps	16.608	5171.6621	5188.2701	---	---
11A	Ant2	5180	6Mbps	16.616	5171.6472	5188.2632	---	---
11A	Ant1	5200	6Mbps	16.684	5191.5498	5208.2338	---	---
11A	Ant2	5200	6Mbps	16.638	5191.6365	5208.2745	---	---
11A	Ant1	5240	6Mbps	16.689	5231.6381	5248.3271	---	---
11A	Ant2	5240	6Mbps	16.584	5231.6749	5248.2589	---	---
11A	Ant1	5260	6Mbps	16.589	5251.6708	5268.2598	---	---
11A	Ant2	5260	6Mbps	16.669	5251.6260	5268.2950	---	---
11A	Ant1	5280	6Mbps	16.705	5271.5897	5288.2947	---	---
11A	Ant2	5280	6Mbps	16.728	5271.5620	5288.2900	---	---
11A	Ant1	5320	6Mbps	16.659	5311.6362	5328.2952	---	---
11A	Ant2	5320	6Mbps	16.666	5311.5720	5328.2380	---	---
11A	Ant1	5500	6Mbps	16.788	5491.5492	5508.3372	---	---
11A	Ant2	5500	6Mbps	16.709	5491.5373	5508.2463	---	---
11A	Ant1	5580	6Mbps	16.792	5571.5854	5588.3774	---	---
11A	Ant2	5580	6Mbps	16.882	5571.5366	5588.4186	---	---
11A	Ant1	5700	6Mbps	16.655	5691.6207	5708.2757	---	---
11A	Ant2	5700	6Mbps	16.720	5691.5836	5708.3036	---	---
11A	Ant1	5745	6Mbps	16.684	5736.5568	5753.2408	---	---
11A	Ant2	5745	6Mbps	16.641	5736.5899	5753.2309	---	---
11A	Ant1	5785	6Mbps	16.716	5776.5875	5793.3035	---	---
11A	Ant2	5785	6Mbps	16.857	5776.4877	5793.3447	---	---
11A	Ant1	5825	6Mbps	16.725	5816.5281	5833.2531	---	---
11A	Ant2	5825	6Mbps	16.762	5816.5359	5833.2979	---	---
11N20SISO	Ant1	5180	MCS0	17.723	5171.0766	5188.7996	---	---
11N20SISO	Ant2	5180	MCS0	17.881	5171.0040	5188.8850	---	---
11N20SISO	Ant1	5200	MCS0	17.773	5191.0925	5208.8655	---	---
11N20SISO	Ant2	5200	MCS0	17.738	5191.0784	5208.8164	---	---
11N20SISO	Ant1	5240	MCS0	17.754	5231.0702	5248.8242	---	---
11N20SISO	Ant2	5240	MCS0	17.709	5231.1378	5248.8468	---	---
11N20SISO	Ant1	5260	MCS0	17.745	5251.0962	5268.8412	---	---
11N20SISO	Ant2	5260	MCS0	17.814	5251.0689	5268.8829	---	---
11N20SISO	Ant1	5280	MCS0	17.762	5271.0527	5288.8147	---	---
11N20SISO	Ant2	5280	MCS0	17.745	5271.0464	5288.7914	---	---
11N20SISO	Ant1	5320	MCS0	17.744	5311.1064	5328.8504	---	---
11N20SISO	Ant2	5320	MCS0	17.767	5311.0927	5328.8597	---	---
11N20SISO	Ant1	5500	MCS0	17.672	5491.1218	5508.7938	---	---
11N20SISO	Ant2	5500	MCS0	17.699	5491.1334	5508.8324	---	---
11N20SISO	Ant1	5580	MCS0	17.717	5571.1011	5588.8181	---	---
11N20SISO	Ant2	5580	MCS0	17.822	5571.0541	5588.8761	---	---

11N20SISO	Ant1	5700	MCS0	17.747	5691.1128	5708.8598	---	---
11N20SISO	Ant2	5700	MCS0	17.777	5691.0821	5708.8591	---	---
11N20SISO	Ant1	5745	MCS0	17.708	5736.1119	5753.8199	---	---
11N20SISO	Ant2	5745	MCS0	17.662	5736.1203	5753.7823	---	---
11N20SISO	Ant1	5785	MCS0	17.683	5776.1231	5793.8061	---	---
11N20SISO	Ant2	5785	MCS0	17.774	5776.0863	5793.8603	---	---
11N20SISO	Ant1	5825	MCS0	17.753	5816.0667	5833.8197	---	---
11N20SISO	Ant2	5825	MCS0	17.695	5816.1436	5833.8386	---	---
11N40SISO	Ant1	5190	MCS0	36.118	5171.8555	5207.9735	---	---
11N40SISO	Ant2	5190	MCS0	36.079	5171.8730	5207.9520	---	---
11N40SISO	Ant1	5230	MCS0	36.136	5211.9018	5248.0378	---	---
11N40SISO	Ant2	5230	MCS0	36.151	5211.8742	5248.0252	---	---
11N40SISO	Ant1	5270	MCS0	36.059	5251.9009	5287.9599	---	---
11N40SISO	Ant2	5270	MCS0	36.053	5251.8948	5287.9478	---	---
11N40SISO	Ant1	5310	MCS0	36.062	5291.9552	5328.0172	---	---
11N40SISO	Ant2	5310	MCS0	36.084	5291.9102	5327.9942	---	---
11N40SISO	Ant1	5510	MCS0	36.018	5491.9888	5528.0068	---	---
11N40SISO	Ant2	5510	MCS0	36.088	5491.9350	5528.0230	---	---
11N40SISO	Ant1	5550	MCS0	36.084	5531.9020	5567.9860	---	---
11N40SISO	Ant2	5550	MCS0	35.963	5531.9265	5567.8895	---	---
11N40SISO	Ant1	5670	MCS0	36.056	5651.9316	5687.9876	---	---
11N40SISO	Ant2	5670	MCS0	36.110	5651.9083	5688.0183	---	---
11N40SISO	Ant1	5755	MCS0	36.060	5736.9433	5773.0033	---	---
11N40SISO	Ant2	5755	MCS0	36.104	5736.8556	5772.9596	---	---
11N40SISO	Ant1	5795	MCS0	36.126	5776.8904	5813.0164	---	---
11N40SISO	Ant2	5795	MCS0	36.114	5776.8932	5813.0072	---	---
11AC20SISO	Ant1	5180	MCS0	17.761	5171.0980	5188.8590	---	---
11AC20SISO	Ant2	5180	MCS0	17.764	5171.1042	5188.8682	---	---
11AC20SISO	Ant1	5200	MCS0	17.677	5191.1146	5208.7916	---	---
11AC20SISO	Ant2	5200	MCS0	17.755	5191.1119	5208.8669	---	---
11AC20SISO	Ant1	5240	MCS0	17.740	5231.0795	5248.8195	---	---
11AC20SISO	Ant2	5240	MCS0	17.744	5231.1023	5248.8463	---	---
11AC20SISO	Ant1	5260	MCS0	17.707	5251.1349	5268.8419	---	---
11AC20SISO	Ant2	5260	MCS0	17.763	5251.0770	5268.8400	---	---
11AC20SISO	Ant1	5280	MCS0	17.781	5271.0900	5288.8710	---	---
11AC20SISO	Ant2	5280	MCS0	17.724	5271.0889	5288.8129	---	---
11AC20SISO	Ant1	5320	MCS0	17.780	5311.0824	5328.8624	---	---
11AC20SISO	Ant2	5320	MCS0	17.703	5311.1091	5328.8121	---	---
11AC20SISO	Ant1	5500	MCS0	17.731	5491.0663	5508.7973	---	---
11AC20SISO	Ant2	5500	MCS0	17.722	5491.0897	5508.8117	---	---
11AC20SISO	Ant1	5580	MCS0	17.720	5571.1428	5588.8628	---	---
11AC20SISO	Ant2	5580	MCS0	17.787	5571.1136	5588.9006	---	---
11AC20SISO	Ant1	5700	MCS0	17.731	5691.1026	5708.8336	---	---
11AC20SISO	Ant2	5700	MCS0	17.729	5691.1470	5708.8760	---	---
11AC20SISO	Ant1	5745	MCS0	17.721	5736.1175	5753.8385	---	---

11AC20SISO	Ant2	5745	MCS0	17.792	5736.0294	5753.8214	---	---
11AC20SISO	Ant1	5785	MCS0	17.721	5776.1382	5793.8592	---	---
11AC20SISO	Ant2	5785	MCS0	17.734	5776.1337	5793.8677	---	---
11AC20SISO	Ant1	5825	MCS0	17.710	5816.0779	5833.7879	---	---
11AC20SISO	Ant2	5825	MCS0	17.697	5816.1104	5833.8074	---	---
11AC40SISO	Ant1	5190	MCS0	36.071	5171.9386	5208.0096	---	---
11AC40SISO	Ant2	5190	MCS0	36.088	5171.9083	5207.9963	---	---
11AC40SISO	Ant1	5230	MCS0	36.113	5211.8923	5248.0053	---	---
11AC40SISO	Ant2	5230	MCS0	36.074	5211.9388	5248.0128	---	---
11AC40SISO	Ant1	5270	MCS0	36.046	5251.9122	5287.9582	---	---
11AC40SISO	Ant2	5270	MCS0	36.067	5251.9088	5287.9758	---	---
11AC40SISO	Ant1	5310	MCS0	36.077	5291.8972	5327.9742	---	---
11AC40SISO	Ant2	5310	MCS0	36.038	5291.9434	5327.9814	---	---
11AC40SISO	Ant1	5510	MCS0	36.080	5491.9308	5528.0108	---	---
11AC40SISO	Ant2	5510	MCS0	36.112	5491.9168	5528.0288	---	---
11AC40SISO	Ant1	5550	MCS0	36.020	5531.9667	5567.9867	---	---
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11AC40SISO	Ant1	5670	MCS0	36.071	5651.8959	5687.9669	---	---
11AC40SISO	Ant2	5670	MCS0	36.125	5651.8578	5687.9828	---	---
11AC40SISO	Ant1	5755	MCS0	36.028	5736.9508	5772.9788	---	---
11AC40SISO	Ant2	5755	MCS0	36.133	5736.8455	5772.9785	---	---
11AC40SISO	Ant1	5795	MCS0	35.970	5776.9786	5812.9486	---	---
11AC40SISO	Ant2	5795	MCS0	36.109	5776.9046	5813.0136	---	---
11AC80SISO	Ant1	5210	MCS0	75.740	5172.0114	5247.7514	---	---
11AC80SISO	Ant2	5210	MCS0	75.589	5172.1321	5247.7211	---	---
11AC80SISO	Ant1	5290	MCS0	75.741	5252.0021	5327.7431	---	---
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11AC80SISO	Ant1	5775	MCS0	75.504	5737.1768	5812.6808	---	---
11AC80SISO	Ant2	5775	MCS0	75.670	5737.0547	5812.7247	---	---
11N20MIMO	Ant1	5180	MCS0	17.646	5171.1694	5188.8154	---	---
11N20MIMO	Ant2	5180	MCS0	17.463	5171.3136	5188.7766	---	---
11N20MIMO	Ant1	5200	MCS0	17.756	5191.0710	5208.8270	---	---
11N20MIMO	Ant2	5200	MCS0	17.482	5191.1686	5208.6506	---	---
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11N20MIMO	Ant1	5260	MCS0	17.744	5251.0846	5268.8286	---	---
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11N20MIMO	Ant1	5280	MCS0	17.711	5271.1260	5288.8370	---	---
11N20MIMO	Ant2	5280	MCS0	17.531	5271.0536	5288.5846	---	---
11N20MIMO	Ant1	5320	MCS0	17.729	5311.1018	5328.8308	---	---
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11N20MIMO	Ant1	5500	MCS0	17.685	5491.1313	5508.8163	---	---
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11N20MIMO	Ant2	5580	MCS0	17.615	5571.1681	5588.7831	---	---
11N20MIMO	Ant1	5700	MCS0	17.726	5691.0719	5708.7979	---	---
11N20MIMO	Ant2	5700	MCS0	17.557	5691.2107	5708.7677	---	---
11N20MIMO	Ant1	5745	MCS0	17.665	5736.1280	5753.7930	---	---
11N20MIMO	Ant2	5745	MCS0	17.521	5736.2364	5753.7574	---	---
11N20MIMO	Ant1	5785	MCS0	17.659	5776.1467	5793.8057	---	---
11N20MIMO	Ant2	5785	MCS0	17.673	5776.0435	5793.7165	---	---
11N20MIMO	Ant1	5825	MCS0	17.712	5816.0883	5833.8003	---	---
11N20MIMO	Ant2	5825	MCS0	17.649	5816.1732	5833.8222	---	---
11N40MIMO	Ant1	5190	MCS0	36.050	5171.9017	5207.9517	---	---
11N40MIMO	Ant2	5190	MCS0	35.677	5172.1171	5207.7941	---	---
11N40MIMO	Ant1	5230	MCS0	36.104	5211.8861	5247.9901	---	---
11N40MIMO	Ant2	5230	MCS0	36.480	5211.8066	5248.2866	---	---
11N40MIMO	Ant1	5270	MCS0	36.134	5251.8684	5288.0024	---	---
11N40MIMO	Ant2	5270	MCS0	35.710	5251.9008	5287.6108	---	---
11N40MIMO	Ant1	5310	MCS0	36.088	5291.8959	5327.9839	---	---
11N40MIMO	Ant2	5310	MCS0	36.027	5292.1498	5328.1768	---	---
11N40MIMO	Ant1	5510	MCS0	36.044	5491.9059	5527.9499	---	---
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11N40MIMO	Ant1	5670	MCS0	36.105	5651.9147	5688.0197	---	---
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11N40MIMO	Ant1	5755	MCS0	36.031	5736.9614	5772.9924	---	---
11N40MIMO	Ant2	5755	MCS0	36.191	5736.8976	5773.0886	---	---
11N40MIMO	Ant1	5795	MCS0	36.005	5776.9507	5812.9557	---	---
11N40MIMO	Ant2	5795	MCS0	36.229	5776.7681	5812.9971	---	---
11AC20MIMO	Ant1	5180	MCS0	17.675	5171.1472	5188.8222	---	---
11AC20MIMO	Ant2	5180	MCS0	17.415	5171.3571	5188.7721	---	---
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11AC20MIMO	Ant1	5240	MCS0	17.719	5231.0833	5248.8023	---	---
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11AC20MIMO	Ant1	5260	MCS0	17.658	5251.1573	5268.8153	---	---
11AC20MIMO	Ant2	5260	MCS0	17.532	5251.2182	5268.7502	---	---
11AC20MIMO	Ant1	5280	MCS0	17.688	5271.1186	5288.8066	---	---
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11AC20MIMO	Ant1	5320	MCS0	17.726	5311.1122	5328.8382	---	---
11AC20MIMO	Ant2	5320	MCS0	17.540	5311.2320	5328.7720	---	---
11AC20MIMO	Ant1	5500	MCS0	17.647	5491.1676	5508.8146	---	---
11AC20MIMO	Ant2	5500	MCS0	17.593	5491.1282	5508.7212	---	---
11AC20MIMO	Ant1	5580	MCS0	17.659	5571.1381	5588.7971	---	---

11AC20MIMO	Ant2	5580	MCS0	17.639	5571.1236	5588.7626	---	---
11AC20MIMO	Ant1	5700	MCS0	17.715	5691.1392	5708.8542	---	---
11AC20MIMO	Ant2	5700	MCS0	17.567	5691.1694	5708.7364	---	---
11AC20MIMO	Ant1	5745	MCS0	17.695	5736.0683	5753.7633	---	---
11AC20MIMO	Ant2	5745	MCS0	17.641	5736.1450	5753.7860	---	---
11AC20MIMO	Ant1	5785	MCS0	17.658	5776.1387	5793.7967	---	---
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11AC40MIMO	Ant2	5310	MCS0	36.334	5292.0984	5328.4324	---	---
11AC40MIMO	Ant1	5510	MCS0	36.052	5491.9118	5527.9638	---	---
11AC40MIMO	Ant2	5510	MCS0	36.275	5491.8087	5528.0837	---	---
11AC40MIMO	Ant1	5550	MCS0	36.097	5531.9316	5568.0286	---	---
11AC40MIMO	Ant2	5550	MCS0	35.638	5532.0413	5567.6793	---	---
11AC40MIMO	Ant1	5670	MCS0	36.131	5651.9145	5688.0455	---	---
11AC40MIMO	Ant2	5670	MCS0	36.265	5651.9170	5688.1820	---	---
11AC40MIMO	Ant1	5755	MCS0	36.084	5736.9236	5773.0076	---	---
11AC40MIMO	Ant2	5755	MCS0	36.261	5736.8687	5773.1297	---	---
11AC40MIMO	Ant1	5795	MCS0	36.077	5776.9317	5813.0087	---	---
11AC40MIMO	Ant2	5795	MCS0	36.186	5776.7518	5812.9378	---	---
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11AC80MIMO	Ant2	5290	MCS0	75.984	5251.9569	5327.9409	---	---
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11AC80MIMO	Ant2	5530	MCS0	75.224	5492.2567	5567.4807	---	---
11AC80MIMO	Ant1	5610	MCS0	75.529	5572.1085	5647.6375	---	---
11AC80MIMO	Ant2	5610	MCS0	74.854	5572.6244	5647.4784	---	---
11AC80MIMO	Ant1	5775	MCS0	75.605	5737.0374	5812.6424	---	---
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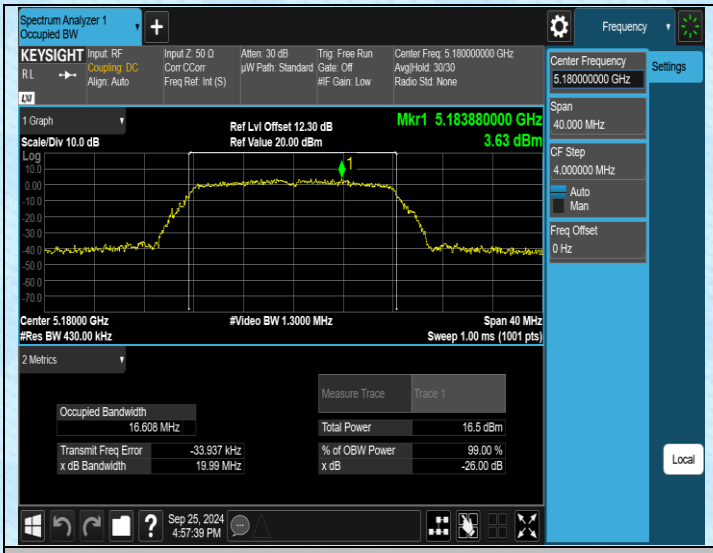
Test Graphs



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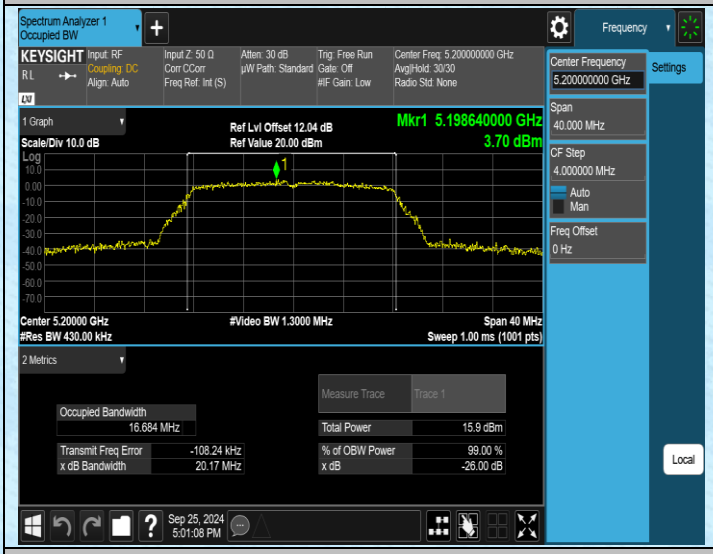
11A-Ant2-5180



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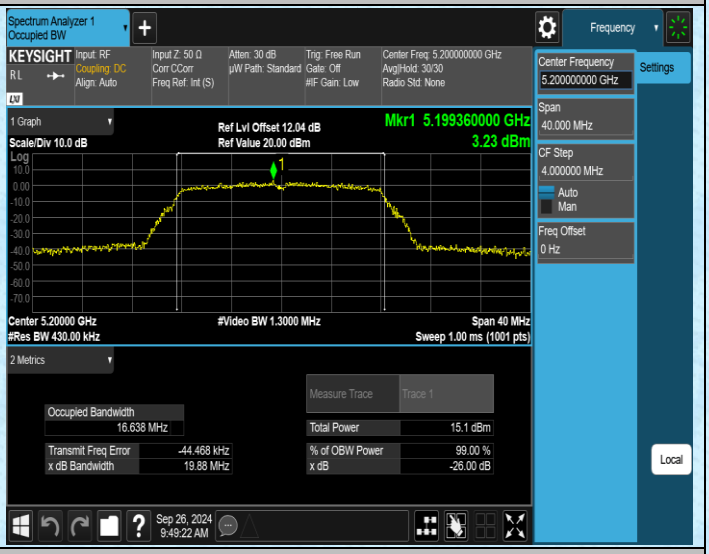

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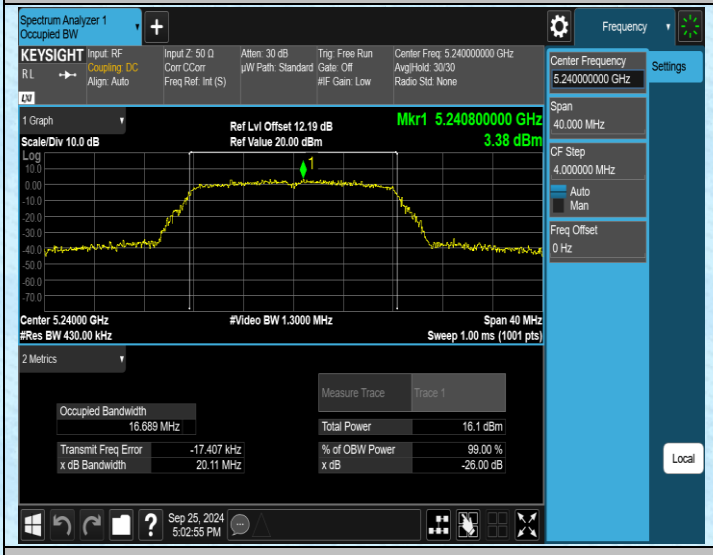

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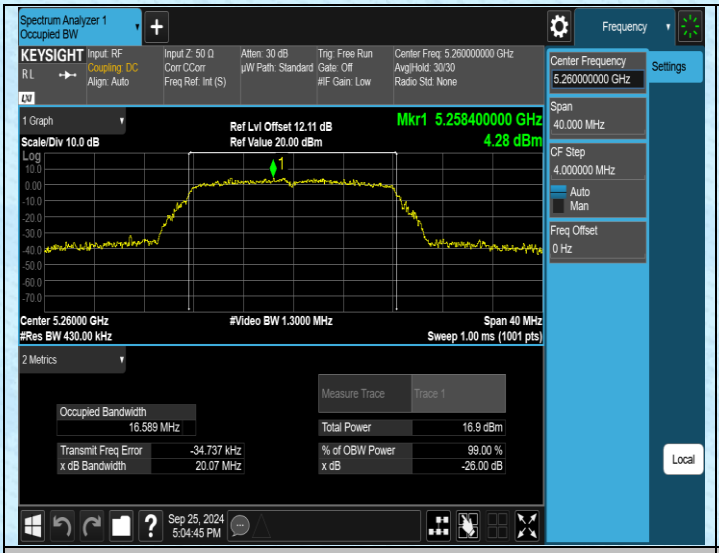
11A-Ant2-5240



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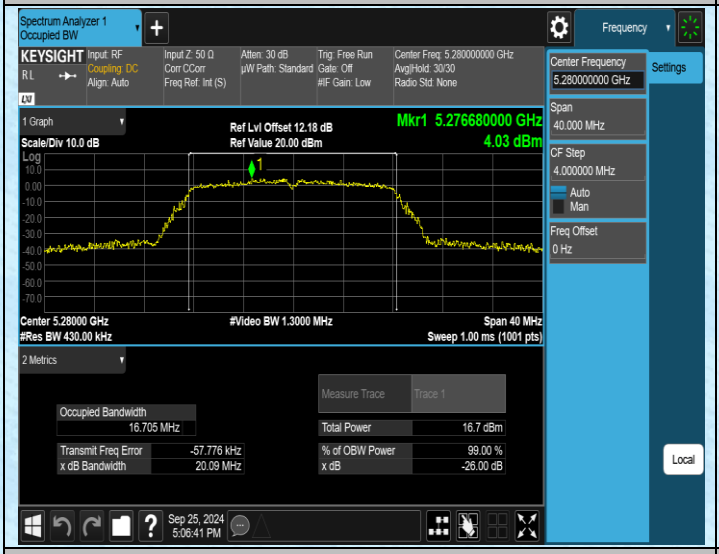

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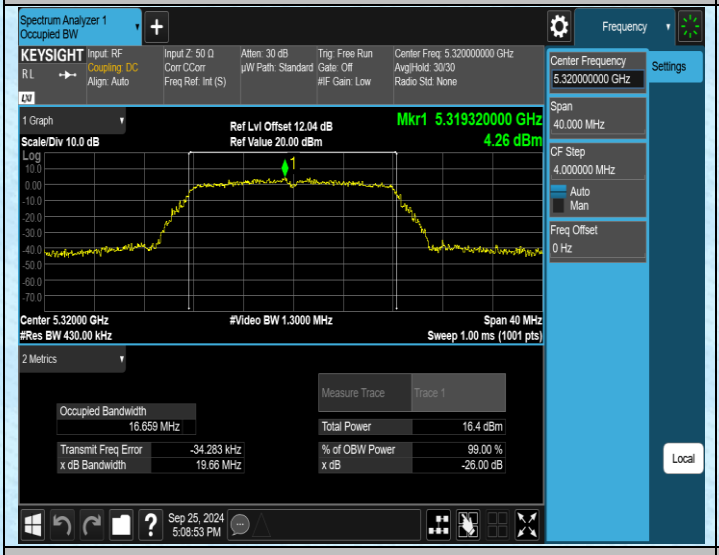

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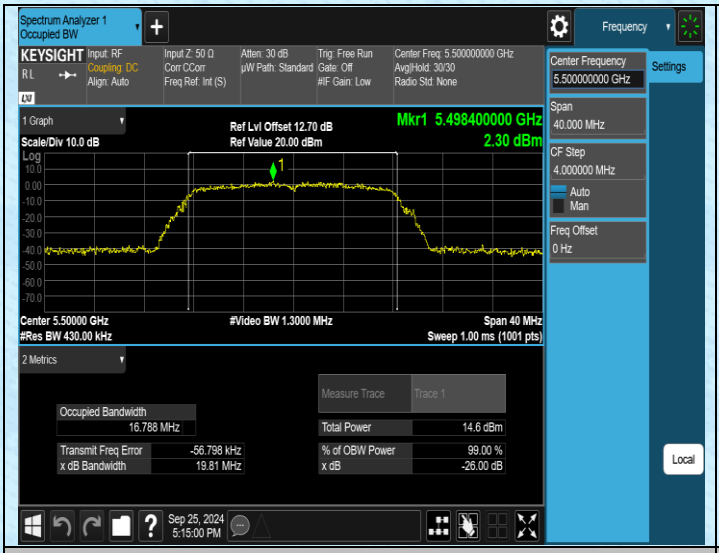
11A-Ant2-5320



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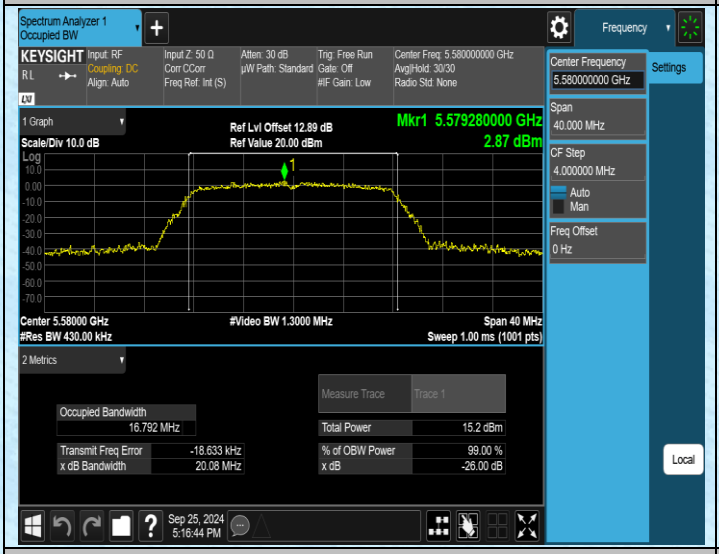

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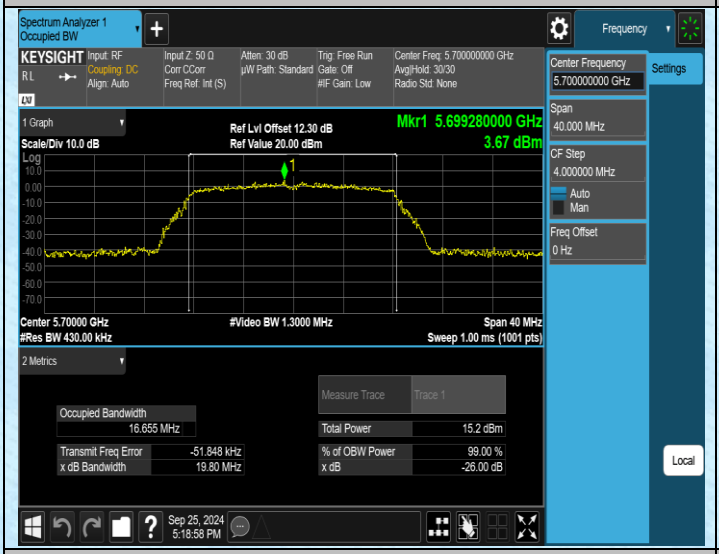

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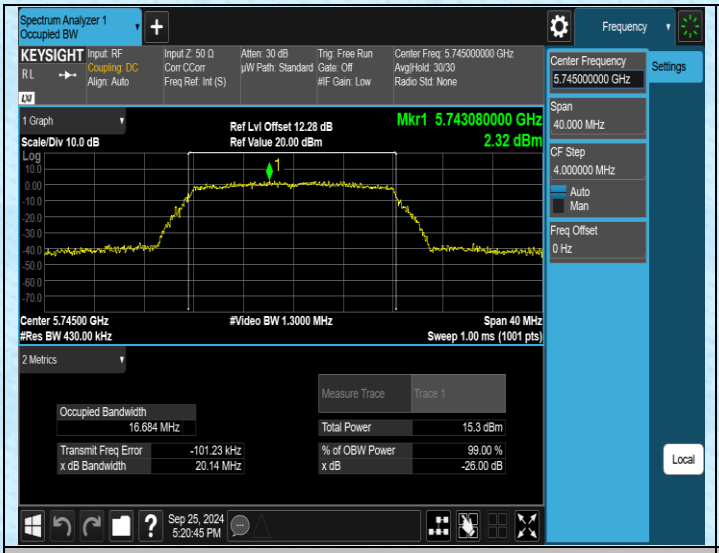
11A-Ant2-5700



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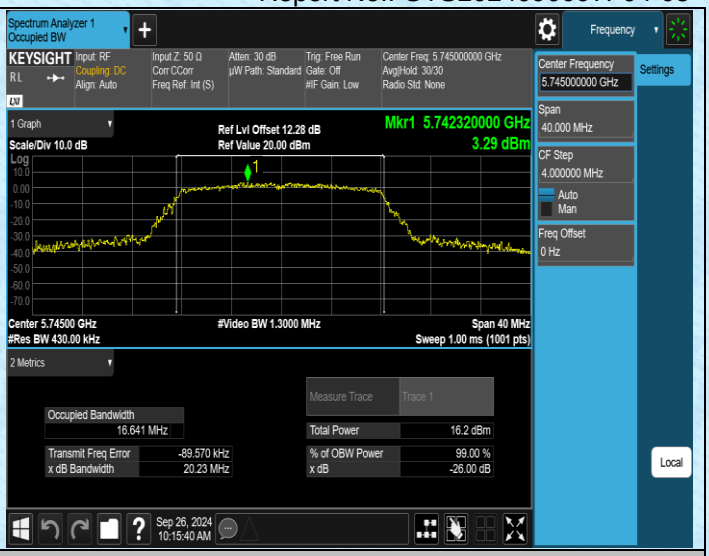

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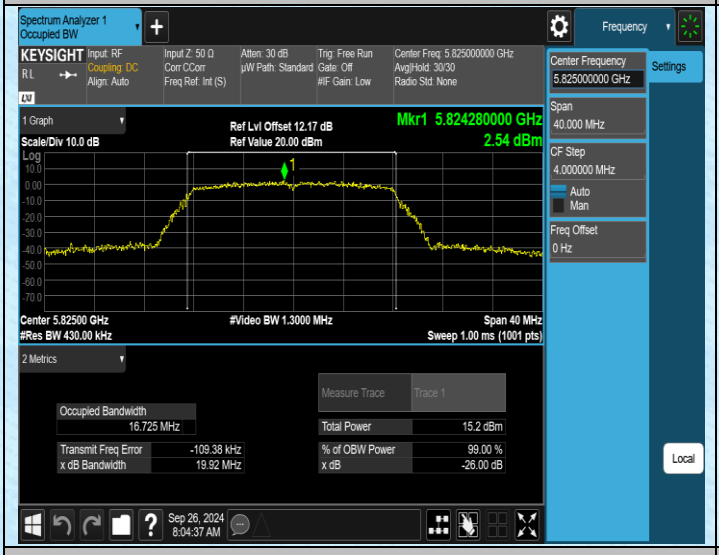
11A-Ant2-5785



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