11AX40MIMO-Ant2-5270

11AX40MIMO-Ant1-5310

11AX40MIMO-Ant2-5310

11AX40MIMO-Ant1-5510

11AX40MIMO-Ant2-5510

11AX40MIMO-Ant1-5550

11AX40MIMO-Ant2-5550

11AX40MIMO-Ant1-5670

11AX40MIMO-Ant2-5670

11AX40MIMO-Ant1-5755

11AX40MIMO-Ant2-5755

11AX40MIMO-Ant1-5795

11AX40MIMO-Ant2-5795

11AX80MIMO-Ant1-5210

11AX80MIMO-Ant2-5210

11AX80MIMO-Ant1-5290

11AX80MIMO-Ant2-5290

11AX80MIMO-Ant1-5530

11AX80MIMO-Ant2-5530

11AX80MIMO-Ant1-5610

11AX80MIMO-Ant2-5610

11AX80MIMO-Ant1-5775

11AX80MIMO-Ant2-5775

Appendix A2: Occupied channel bandwidth

Test Result

Test Mode	Antenna	Frequency[MHz]	OCB [MHz]	FL[MHz]	FH[MHz]	Limit[MHz]	Verdict
11A	Ant1	5180	16.433	5171.7859	5188.2189	---	---
11A	Ant2	5180	16.406	5171.7991	5188.2051	---	---
11A	Ant1	5200	16.418	5191.7979	5208.2159	---	---
11A	Ant2	5200	16.431	5191.7970	5208.2280	---	---
11A	Ant1	5240	16.431	5231.7895	5248.2205	---	---
11A	Ant2	5240	16.408	5231.8091	5248.2171	---	---
11A	Ant1	5260	16.456	5251.7618	5268.2178	---	---
11A	Ant2	5260	16.446	5251.7729	5268.2189	---	---
11A	Ant1	5300	16.402	5291.7711	5308.1731	---	---
11A	Ant2	5300	16.427	5291.7860	5308.2130	---	---
11A	Ant1	5320	16.390	5311.8289	5328.2189	---	---
11A	Ant2	5320	16.422	5311.7926	5328.2146	---	---
11A	Ant1	5500	16.481	5491.7757	5508.2567	---	---
11A	Ant2	5500	16.476	5491.7721	5508.2481	---	---
11A	Ant1	5580	16.433	5571.7840	5588.2170	---	---
11A	Ant2	5580	16.438	5571.8017	5588.2397	---	---
11A	Ant1	5700	16.443	5691.7897	5708.2327	---	---
11A	Ant2	5700	16.448	5691.7798	5708.2278	---	---
11A	Ant1	5745	16.423	5736.8106	5753.2336	---	---
11A	Ant2	5745	16.487	5736.7512	5753.2382	---	---
11A	Ant1	5785	16.419	5776.8047	5793.2237	---	---
11A	Ant2	5785	16.446	5776.7839	5793.2299	---	---
11A	Ant1	5825	16.454	5816.7819	5833.2359	---	---
11A	Ant2	5825	16.428	5816.8040	5833.2320	---	---
11N20MIMO	Ant1	5180	17.591	5171.2248	5188.8158	---	---
11N20MIMO	Ant2	5180	17.653	5171.1788	5188.8318	---	---
11N20MIMO	Ant1	5200	17.619	5191.2237	5208.8427	---	---
11N20MIMO	Ant2	5200	17.596	5191.2065	5208.8025	---	---
11N20MIMO	Ant1	5240	17.632	5231.2030	5248.8350	---	---
11N20MIMO	Ant2	5240	17.619	5231.1894	5248.8084	---	---
11N20MIMO	Ant1	5260	17.642	5251.1865	5268.8285	---	---
11N20MIMO	Ant2	5260	17.613	5251.1788	5268.7918	---	---
11N20MIMO	Ant1	5300	17.643	5291.1779	5308.8209	---	---
11N20MIMO	Ant2	5300	17.620	5291.1868	5308.8068	---	---
11N20MIMO	Ant1	5320	17.655	5311.1833	5328.8383	---	---
11N20MIMO	Ant2	5320	17.615	5311.2053	5328.8203	---	---
11N20MIMO	Ant1	5500	17.631	5491.1988	5508.8298	---	---
11N20MIMO	Ant2	5500	17.622	5491.2068	5508.8288	---	---
11N20MIMO	Ant1	5580	17.615	5571.1958	5588.8108	---	---
11N20MIMO	Ant2	5580	17.616	5571.2003	5588.8163	---	---
11N20MIMO	Ant1	5700	17.598	5691.1851	5708.7831	---	---
11N20MIMO	Ant2	5700	17.616	5691.2028	5708.8188	---	---
11N20MIMO	Ant1	5745	17.646	5736.1713	5753.8173	---	---
11N20MIMO	Ant2	5745	17.658	5736.1878	5753.8458	---	---
11N20MIMO	Ant1	5785	17.618	5776.1783	5793.7963	---	---
11N20MIMO	Ant2	5785	17.608	5776.2019	5793.8099	---	---
11N20MIMO	Ant1	5825	17.588	5816.1944	5833.7824	---	---
11N20MIMO	Ant2	5825	17.614	5816.2004	5833.8144	---	---
11N40MIMO	Ant1	5190	36.243	5171.8851	5208.1281	---	---
11N40MIMO	Ant2	5190	36.267	5171.8744	5208.1414	---	---
11N40MIMO	Ant1	5230	36.300	5211.8648	5248.1648	---	---
11N40MIMO	Ant2	5230	36.378	5211.7732	5248.1512	---	---
11N40MIMO	Ant1	5270	36.326	5251.8591	5288.1851	---	---
11N40MIMO	Ant2	5270	36.257	5251.8584	5288.1154	---	---

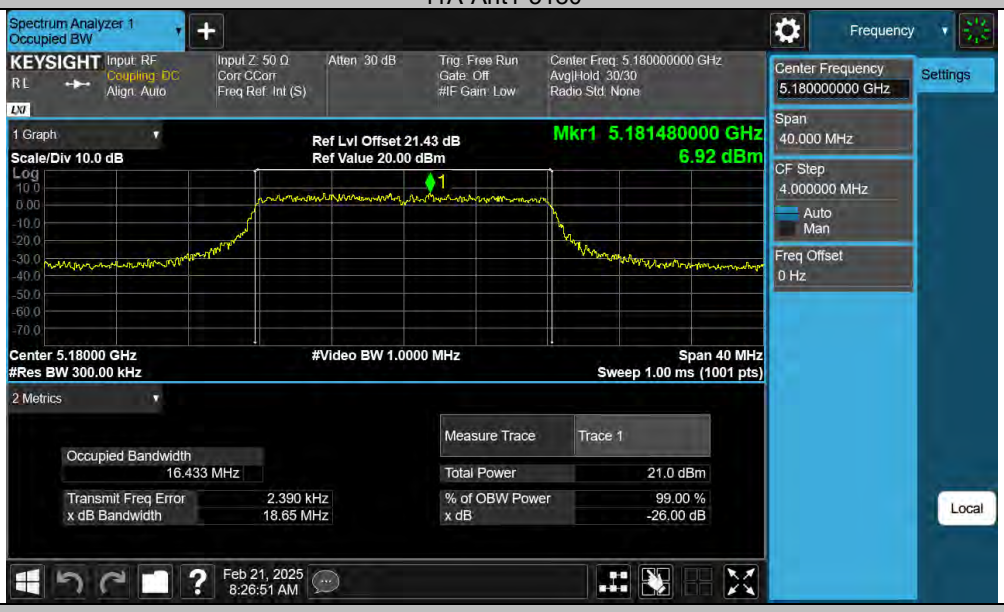
11N40MIMO	Ant1	5310	36.261	5291.8703	5328.1313	---	---
11N40MIMO	Ant2	5310	36.245	5291.8884	5328.1334	---	---
11N40MIMO	Ant1	5510	36.294	5491.8764	5528.1704	---	---
11N40MIMO	Ant2	5510	36.259	5491.9148	5528.1738	---	---
11N40MIMO	Ant1	5550	36.249	5531.8478	5568.0968	---	---
11N40MIMO	Ant2	5550	36.314	5531.8345	5568.1485	---	---
11N40MIMO	Ant1	5670	36.200	5651.9013	5688.1013	---	---
11N40MIMO	Ant2	5670	36.220	5651.8931	5688.1131	---	---
11N40MIMO	Ant1	5755	36.293	5736.7840	5773.0770	---	---
11N40MIMO	Ant2	5755	36.240	5736.8593	5773.0993	---	---
11N40MIMO	Ant1	5795	36.276	5776.8440	5813.1200	---	---
11N40MIMO	Ant2	5795	36.317	5776.8688	5813.1858	---	---
11AC20MIMO	Ant1	5180	17.632	5171.2003	5188.8323	---	---
11AC20MIMO	Ant2	5180	17.616	5171.2009	5188.8169	---	---
11AC20MIMO	Ant1	5200	17.664	5191.1913	5208.8553	---	---
11AC20MIMO	Ant2	5200	17.621	5191.1821	5208.8031	---	---
11AC20MIMO	Ant1	5240	17.647	5231.1873	5248.8343	---	---
11AC20MIMO	Ant2	5240	17.643	5231.1872	5248.8302	---	---
11AC20MIMO	Ant1	5260	17.628	5251.1810	5268.8090	---	---
11AC20MIMO	Ant2	5260	17.621	5251.1977	5268.8187	---	---
11AC20MIMO	Ant1	5300	17.642	5291.1759	5308.8179	---	---
11AC20MIMO	Ant2	5300	17.592	5291.1957	5308.7877	---	---
11AC20MIMO	Ant1	5320	17.650	5311.1971	5328.8471	---	---
11AC20MIMO	Ant2	5320	17.633	5311.1895	5328.8225	---	---
11AC20MIMO	Ant1	5500	17.653	5491.1690	5508.8220	---	---
11AC20MIMO	Ant2	5500	17.649	5491.1925	5508.8415	---	---
11AC20MIMO	Ant1	5580	17.606	5571.2050	5588.8110	---	---
11AC20MIMO	Ant2	5580	17.610	5571.2054	5588.8154	---	---
11AC20MIMO	Ant1	5700	17.637	5691.1696	5708.8066	---	---
11AC20MIMO	Ant2	5700	17.635	5691.1926	5708.8276	---	---
11AC20MIMO	Ant1	5745	17.628	5736.1885	5753.8165	---	---
11AC20MIMO	Ant2	5745	17.660	5736.1834	5753.8434	---	---
11AC20MIMO	Ant1	5785	17.595	5776.1916	5793.7866	---	---
11AC20MIMO	Ant2	5785	17.584	5776.2228	5793.8068	---	---
11AC20MIMO	Ant1	5825	17.591	5816.1941	5833.7851	---	---
11AC20MIMO	Ant2	5825	17.645	5816.1752	5833.8202	---	---
11AC40MIMO	Ant1	5190	36.270	5171.8906	5208.1606	---	---
11AC40MIMO	Ant2	5190	36.264	5171.8513	5208.1153	---	---
11AC40MIMO	Ant1	5230	36.265	5211.8875	5248.1525	---	---
11AC40MIMO	Ant2	5230	36.313	5211.8589	5248.1719	---	---
11AC40MIMO	Ant1	5270	36.307	5251.8537	5288.1607	---	---
11AC40MIMO	Ant2	5270	36.334	5251.7757	5288.1097	---	---
11AC40MIMO	Ant1	5310	36.348	5291.8202	5328.1682	---	---
11AC40MIMO	Ant2	5310	36.263	5291.8300	5328.0930	---	---
11AC40MIMO	Ant1	5510	36.202	5491.8914	5528.0934	---	---
11AC40MIMO	Ant2	5510	36.275	5491.9131	5528.1881	---	---
11AC40MIMO	Ant1	5550	36.225	5531.8494	5568.0744	---	---
11AC40MIMO	Ant2	5550	36.243	5531.8861	5568.1291	---	---
11AC40MIMO	Ant1	5670	36.231	5651.8381	5688.0691	---	---
11AC40MIMO	Ant2	5670	36.269	5651.8795	5688.1485	---	---
11AC40MIMO	Ant1	5755	36.254	5736.8281	5773.0821	---	---
11AC40MIMO	Ant2	5755	36.253	5736.8836	5773.1366	---	---
11AC40MIMO	Ant1	5795	36.282	5776.8405	5813.1225	---	---
11AC40MIMO	Ant2	5795	36.255	5776.8827	5813.1377	---	---
11AC80MIMO	Ant1	5210	75.439	5172.2214	5247.6604	---	---
11AC80MIMO	Ant2	5210	75.554	5172.2252	5247.7792	---	---
11AC80MIMO	Ant1	5290	75.603	5252.1372	5327.7402	---	---

11AC80MIMO	Ant2	5290	75.848	5252.0190	5327.8670	---	---
11AC80MIMO	Ant1	5530	75.608	5492.2454	5567.8534	---	---
11AC80MIMO	Ant2	5530	75.647	5492.2956	5567.9426	---	---
11AC80MIMO	Ant1	5610	75.749	5572.2074	5647.9564	---	---
11AC80MIMO	Ant2	5610	75.608	5572.1282	5647.7362	---	---
11AC80MIMO	Ant1	5775	75.689	5737.1579	5812.8469	---	---
11AC80MIMO	Ant2	5775	75.644	5737.0619	5812.7059	---	---
11AX20MIMO	Ant1	5180	19.000	5170.5039	5189.5039	---	---
11AX20MIMO	Ant2	5180	18.923	5170.5391	5189.4621	---	---
11AX20MIMO	Ant1	5200	18.963	5190.5344	5209.4974	---	---
11AX20MIMO	Ant2	5200	18.957	5190.5496	5209.5066	---	---
11AX20MIMO	Ant1	5240	18.956	5230.5368	5249.4928	---	---
11AX20MIMO	Ant2	5240	18.953	5230.5465	5249.4995	---	---
11AX20MIMO	Ant1	5260	18.968	5250.5173	5269.4853	---	---
11AX20MIMO	Ant2	5260	18.887	5250.5609	5269.4479	---	---
11AX20MIMO	Ant1	5300	18.954	5290.5201	5309.4741	---	---
11AX20MIMO	Ant2	5300	18.927	5290.5161	5309.4431	---	---
11AX20MIMO	Ant1	5320	18.970	5310.5183	5329.4883	---	---
11AX20MIMO	Ant2	5320	18.986	5310.5179	5329.5039	---	---
11AX20MIMO	Ant1	5500	19.014	5490.5126	5509.5266	---	---
11AX20MIMO	Ant2	5500	18.940	5490.5699	5509.5099	---	---
11AX20MIMO	Ant1	5580	18.995	5570.5072	5589.5022	---	---
11AX20MIMO	Ant2	5580	18.933	5570.5472	5589.4802	---	---
11AX20MIMO	Ant1	5700	18.948	5690.5057	5709.4537	---	---
11AX20MIMO	Ant2	5700	18.988	5690.5175	5709.5055	---	---
11AX20MIMO	Ant1	5745	18.971	5735.5260	5754.4970	---	---
11AX20MIMO	Ant2	5745	18.942	5735.5507	5754.4927	---	---
11AX20MIMO	Ant1	5785	18.934	5775.5129	5794.4469	---	---
11AX20MIMO	Ant2	5785	18.930	5775.5567	5794.4867	---	---
11AX20MIMO	Ant1	5825	18.950	5815.5381	5834.4881	---	---
11AX20MIMO	Ant2	5825	18.981	5815.4606	5834.4416	---	---
11AX40MIMO	Ant1	5190	37.927	5171.0310	5208.9580	---	---
11AX40MIMO	Ant2	5190	37.907	5171.0166	5208.9236	---	---
11AX40MIMO	Ant1	5230	37.772	5211.1431	5248.9151	---	---
11AX40MIMO	Ant2	5230	37.937	5210.9931	5248.9301	---	---
11AX40MIMO	Ant1	5270	38.017	5251.0000	5289.0170	---	---
11AX40MIMO	Ant2	5270	37.859	5251.0164	5288.8754	---	---
11AX40MIMO	Ant1	5310	37.957	5290.9746	5328.9316	---	---
11AX40MIMO	Ant2	5310	37.977	5290.9657	5328.9427	---	---
11AX40MIMO	Ant1	5510	37.987	5491.0388	5529.0258	---	---
11AX40MIMO	Ant2	5510	37.974	5491.0435	5529.0175	---	---
11AX40MIMO	Ant1	5550	38.043	5530.9584	5569.0014	---	---
11AX40MIMO	Ant2	5550	37.890	5531.1021	5568.9921	---	---
11AX40MIMO	Ant1	5670	37.892	5650.9910	5688.8830	---	---
11AX40MIMO	Ant2	5670	37.883	5651.0370	5688.9200	---	---
11AX40MIMO	Ant1	5755	37.867	5735.9933	5773.8603	---	---
11AX40MIMO	Ant2	5755	37.942	5736.0226	5773.9646	---	---
11AX40MIMO	Ant1	5795	37.898	5776.0058	5813.9038	---	---
11AX40MIMO	Ant2	5795	37.946	5776.0217	5813.9677	---	---
11AX80MIMO	Ant1	5210	77.315	5171.2247	5248.5397	---	---
11AX80MIMO	Ant2	5210	77.207	5171.3551	5248.5621	---	---
11AX80MIMO	Ant1	5290	77.223	5251.3758	5328.5988	---	---
11AX80MIMO	Ant2	5290	77.323	5251.2825	5328.6055	---	---
11AX80MIMO	Ant1	5530	77.083	5491.4571	5568.5401	---	---
11AX80MIMO	Ant2	5530	77.243	5491.5204	5568.7634	---	---
11AX80MIMO	Ant1	5610	77.284	5571.3534	5648.6374	---	---
11AX80MIMO	Ant2	5610	77.264	5571.2886	5648.5526	---	---

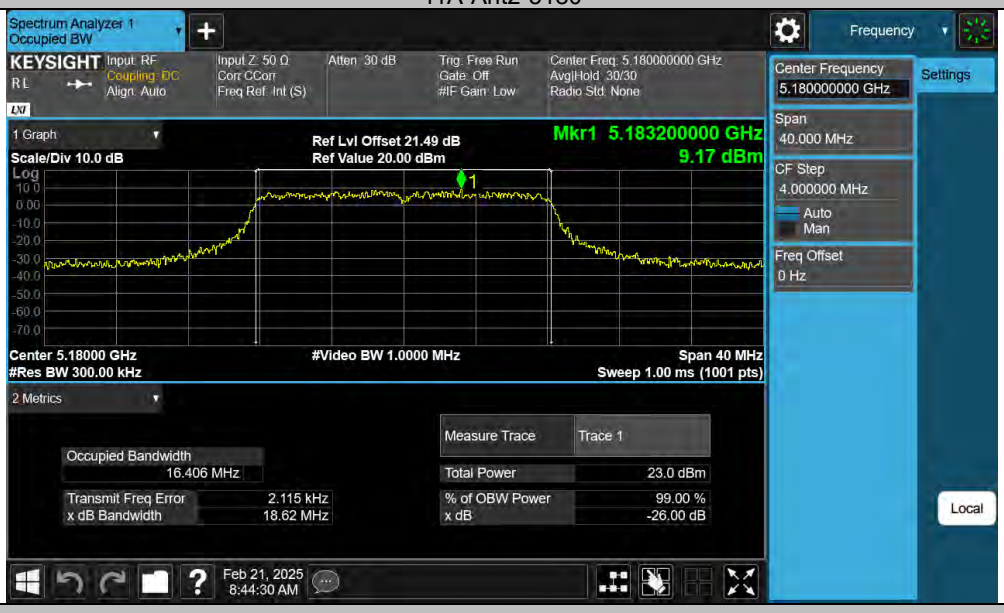
11AX80MIMO	Ant1	5775	77.311	5736.3493	5813.6603	---	---
11AX80MIMO	Ant2	5775	77.089	5736.4067	5813.4957	---	---

Test Graphs

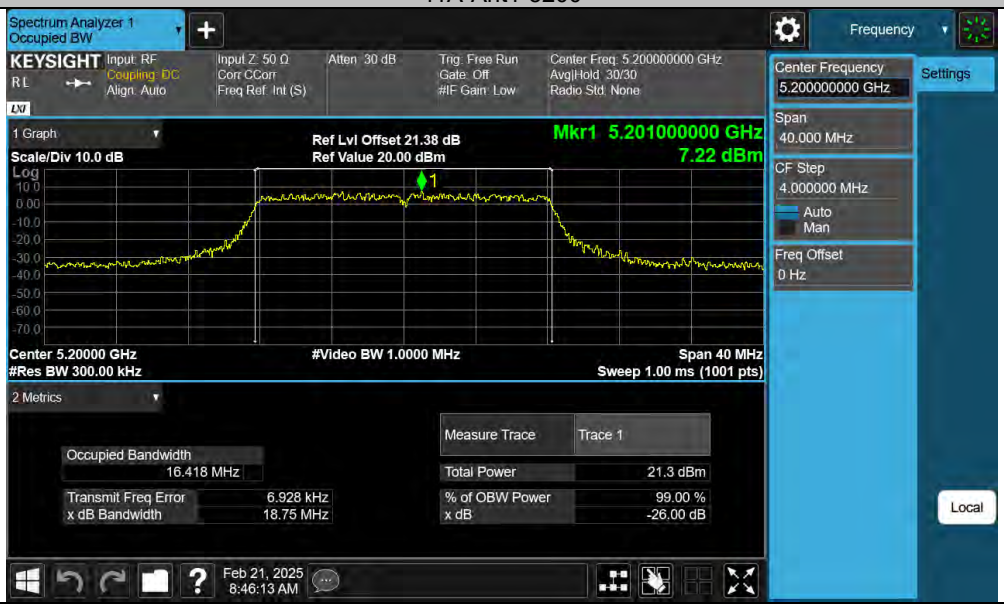
11A-Ant1-5180



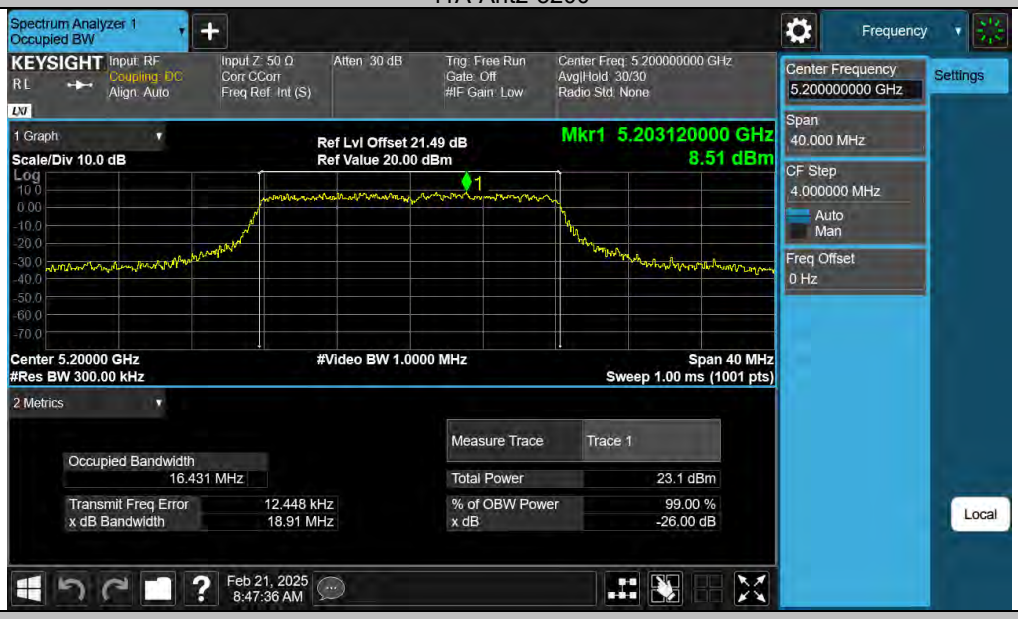
11A-Ant2-5180



11A-Ant1-5200



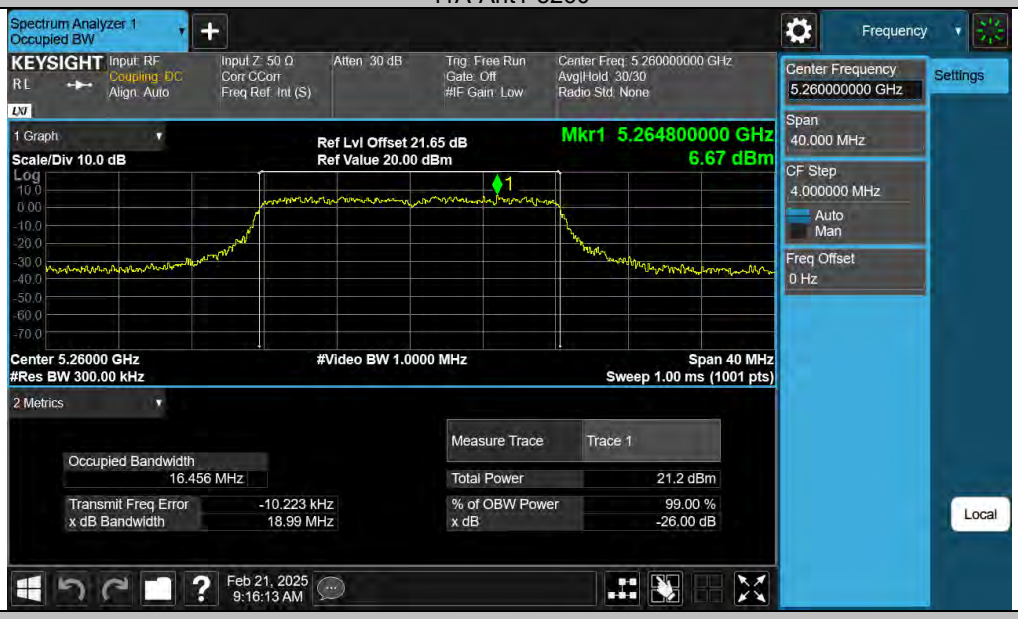
11A-Ant2-5200



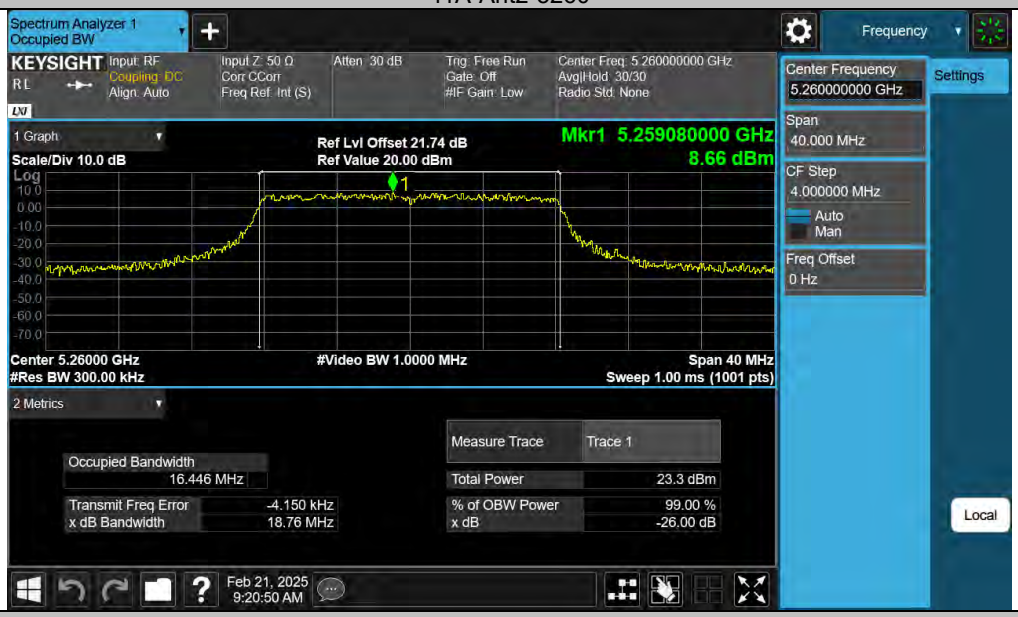
11A-Ant1-5240

11A-Ant2-5240

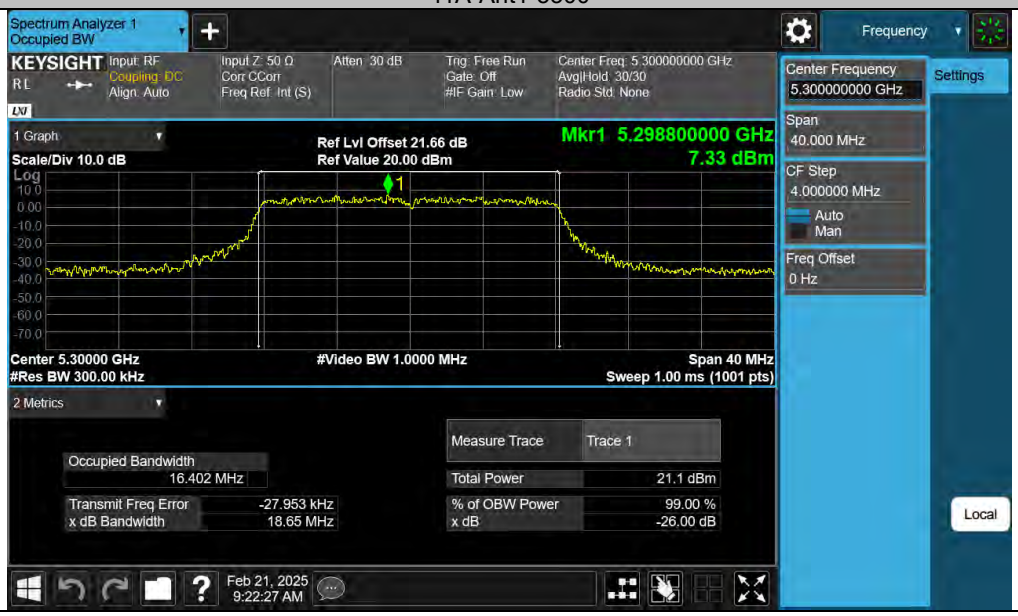
11A-Ant1-5260



11A-Ant2-5260

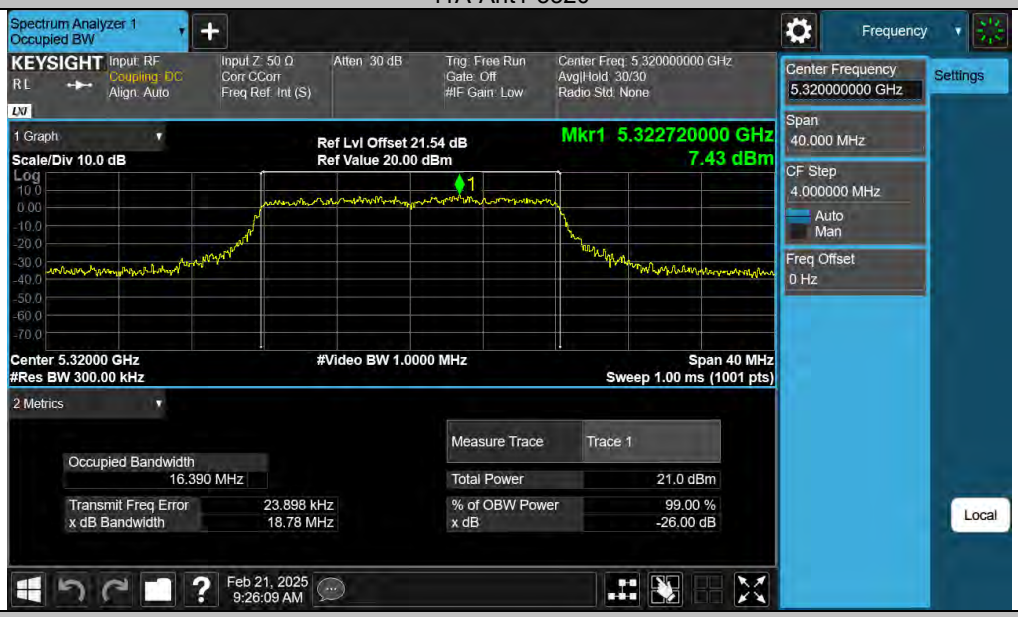


11A-Ant1-5300

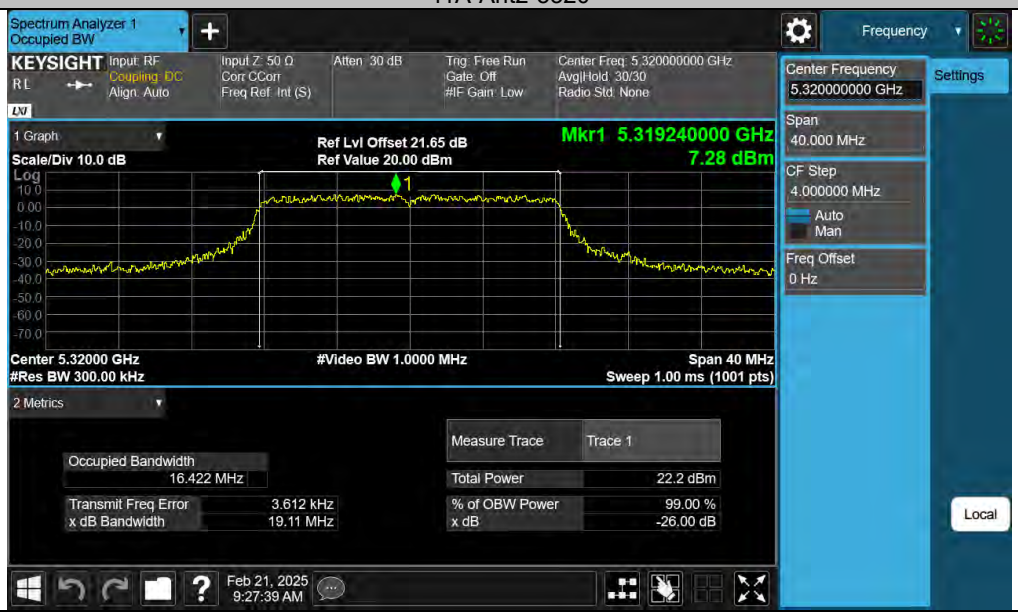


11A-Ant2-5300

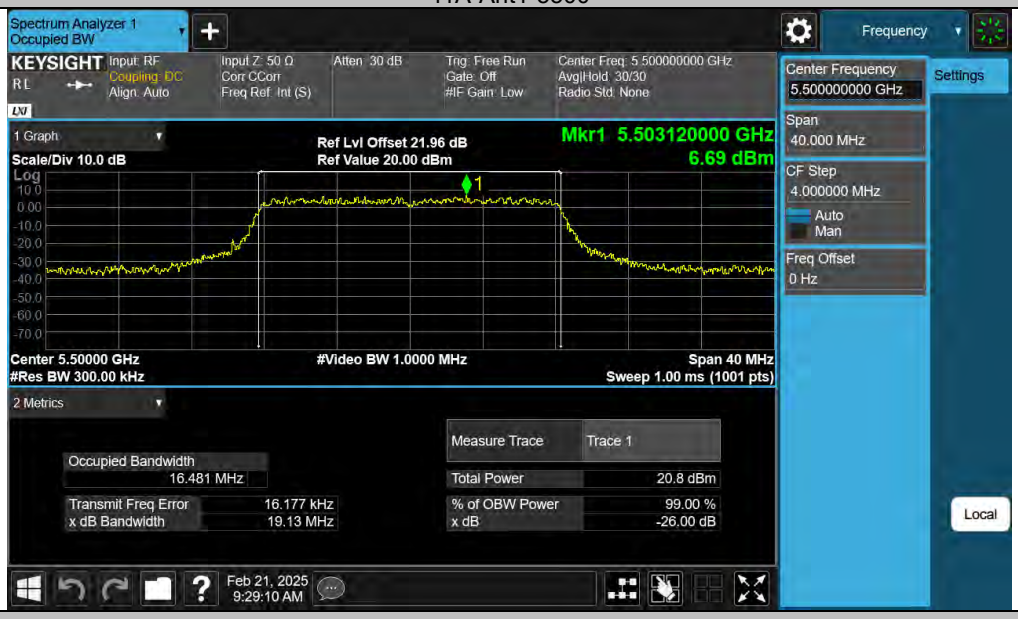
11A-Ant1-5320



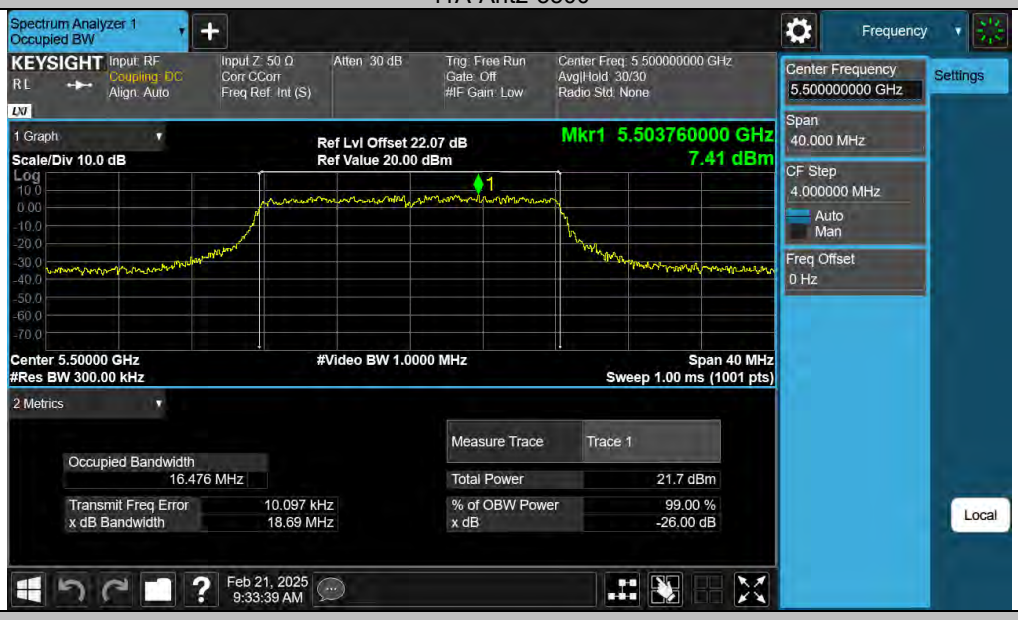
11A-Ant2-5320



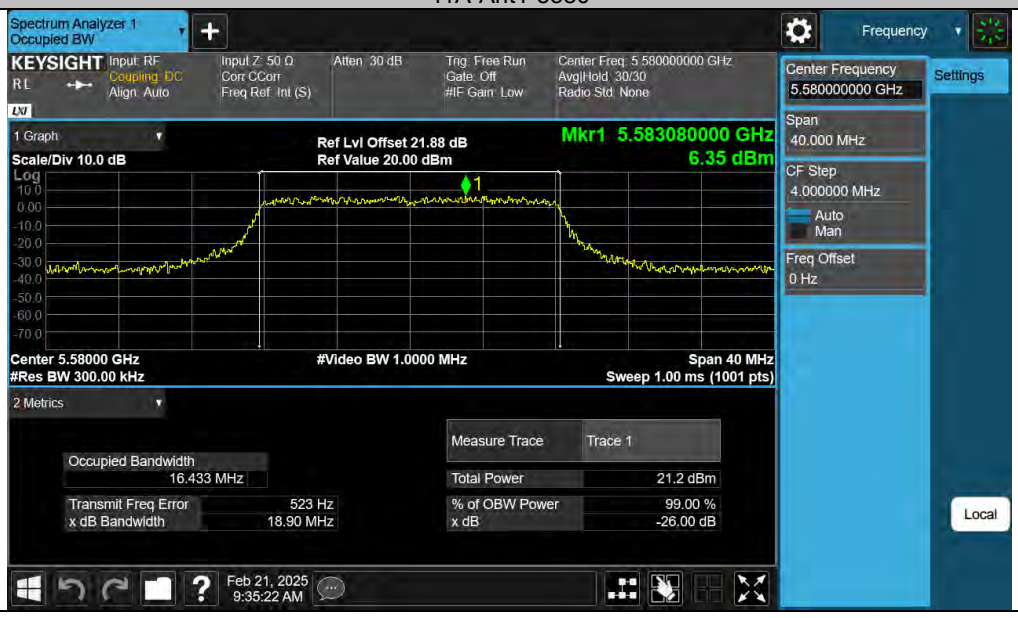
11A-Ant1-5500



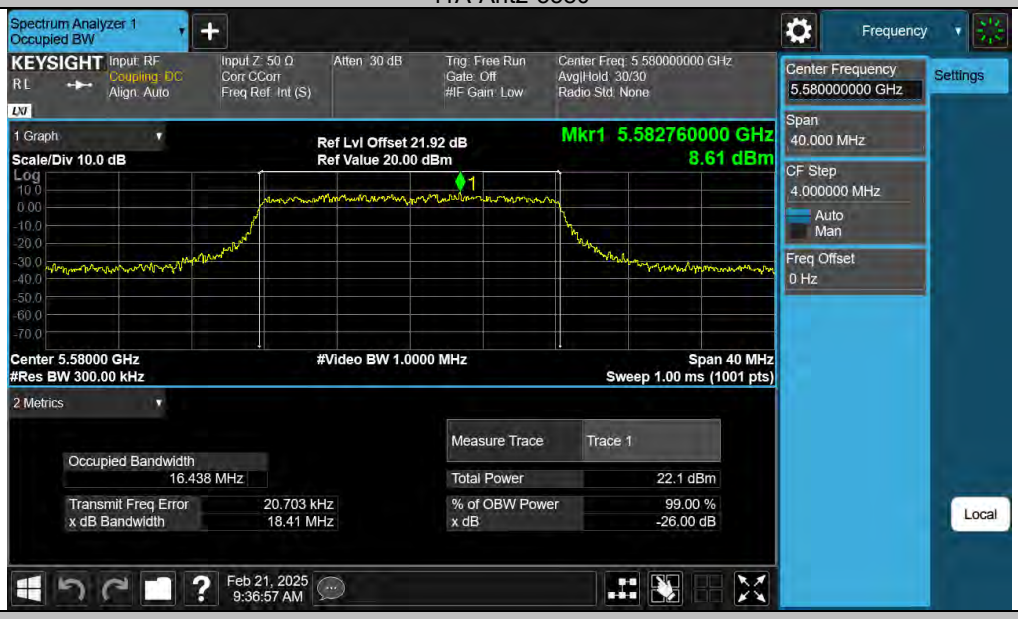
11A-Ant2-5500



11A-Ant1-5580



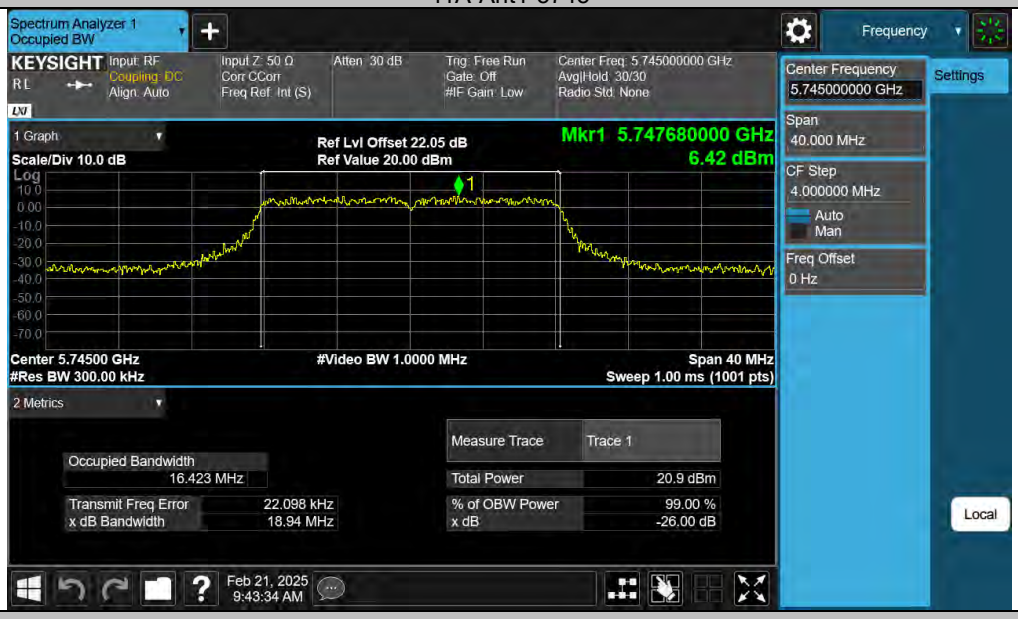
11A-Ant2-5580



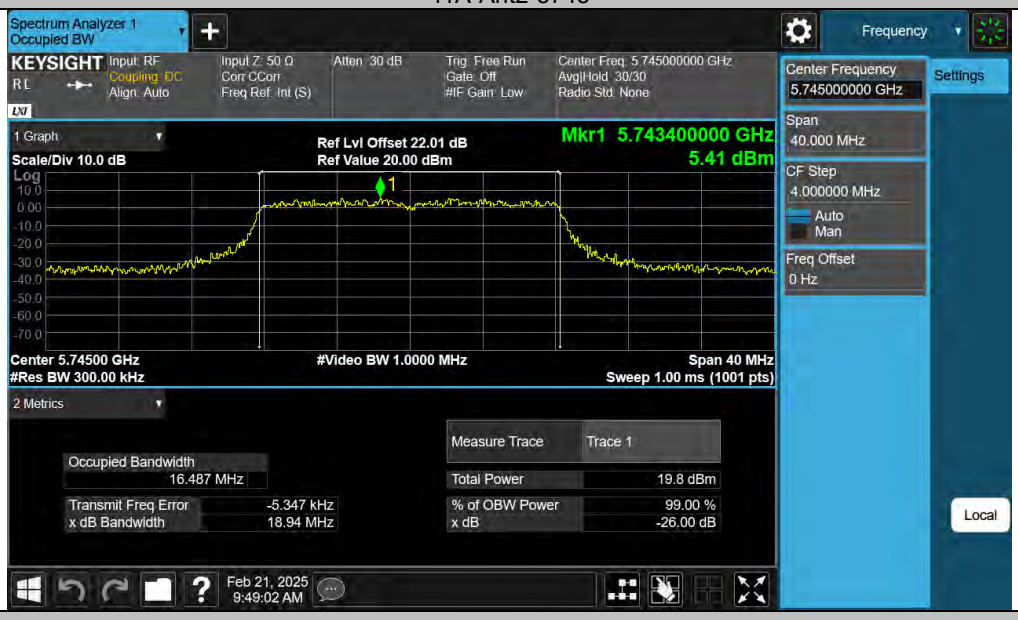
11A-Ant1-5700

11A-Ant2-5700

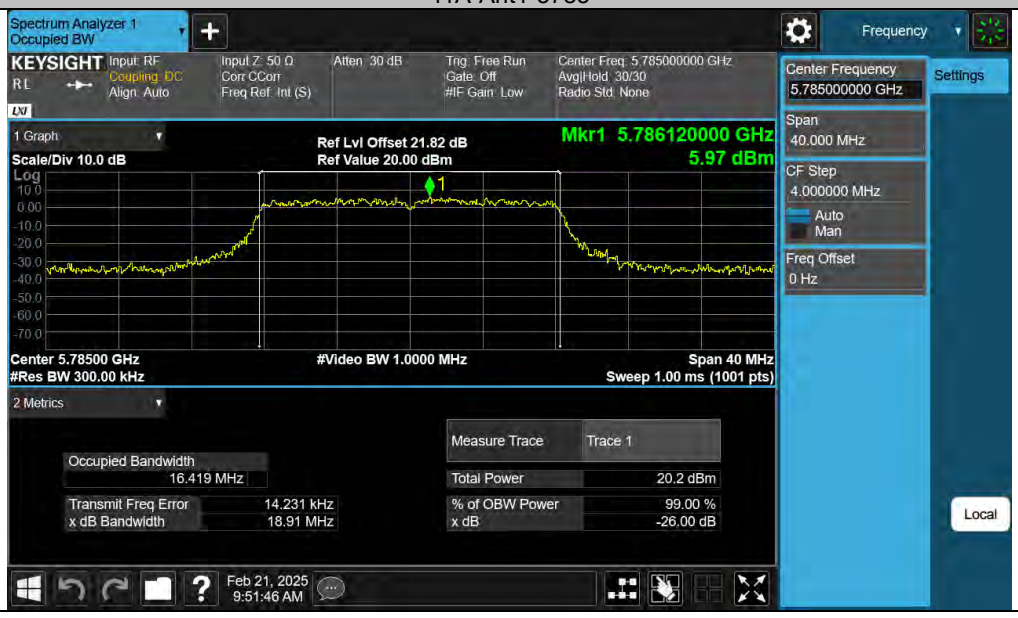
11A-Ant1-5745



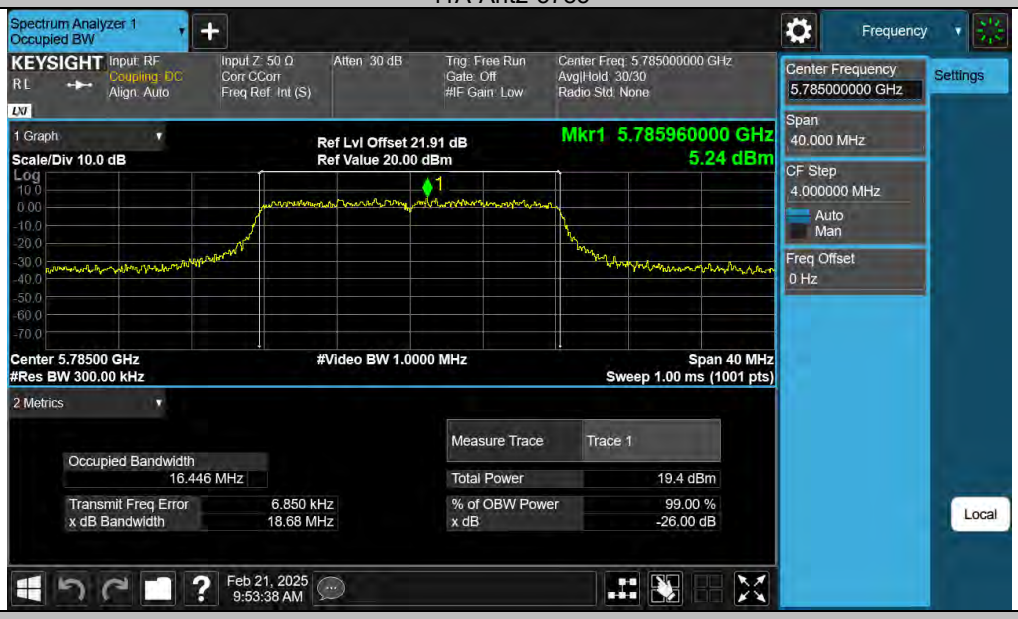
11A-Ant2-5745



11A-Ant1-5785



11A-Ant2-5785



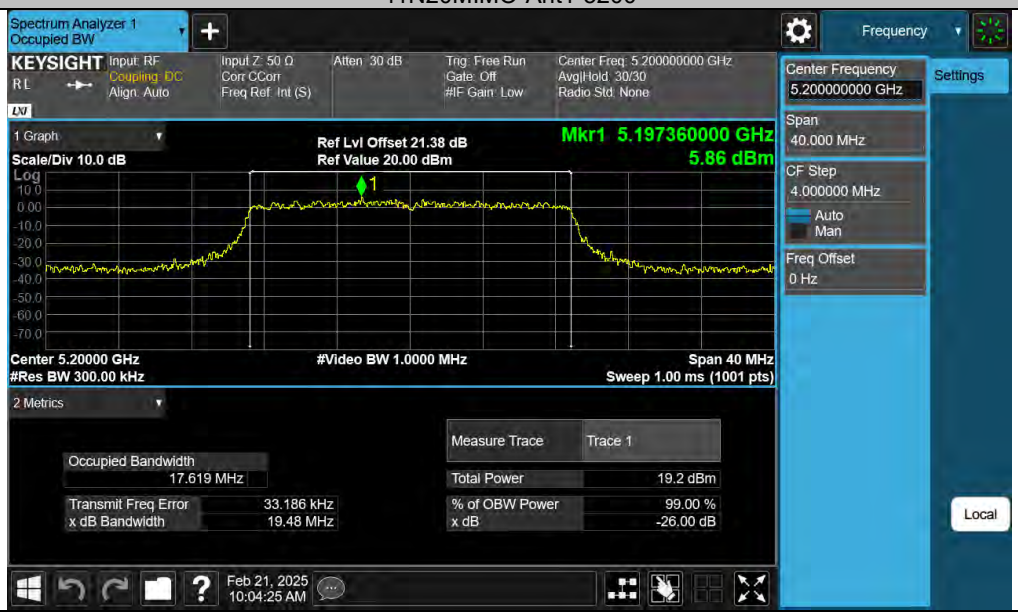
11A-Ant1-5825

11A-Ant2-5825

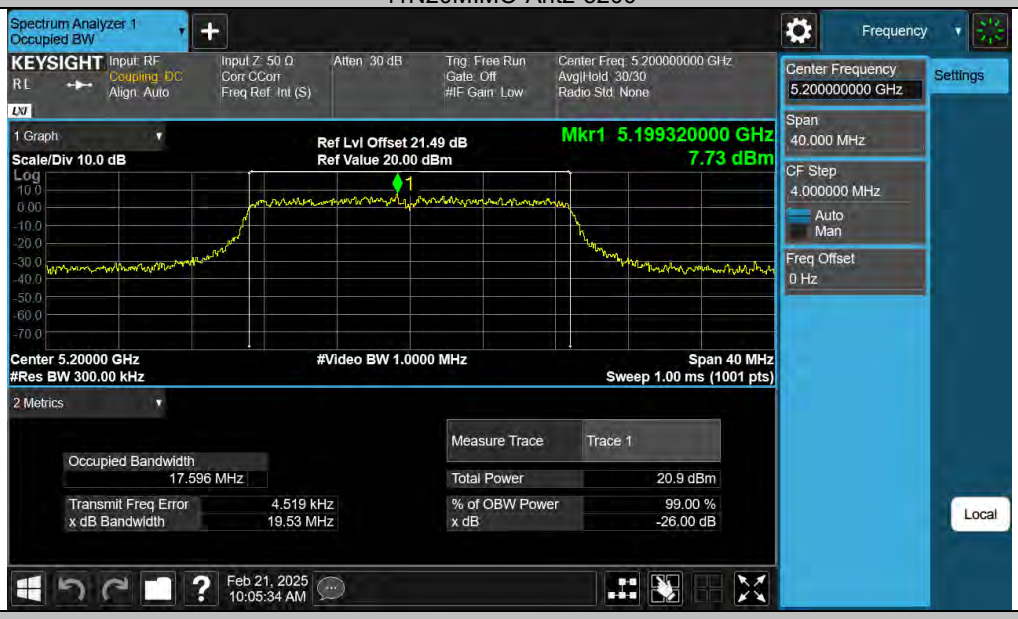
11N20MIMO-Ant1-5180

11N20MIMO-Ant2-5180

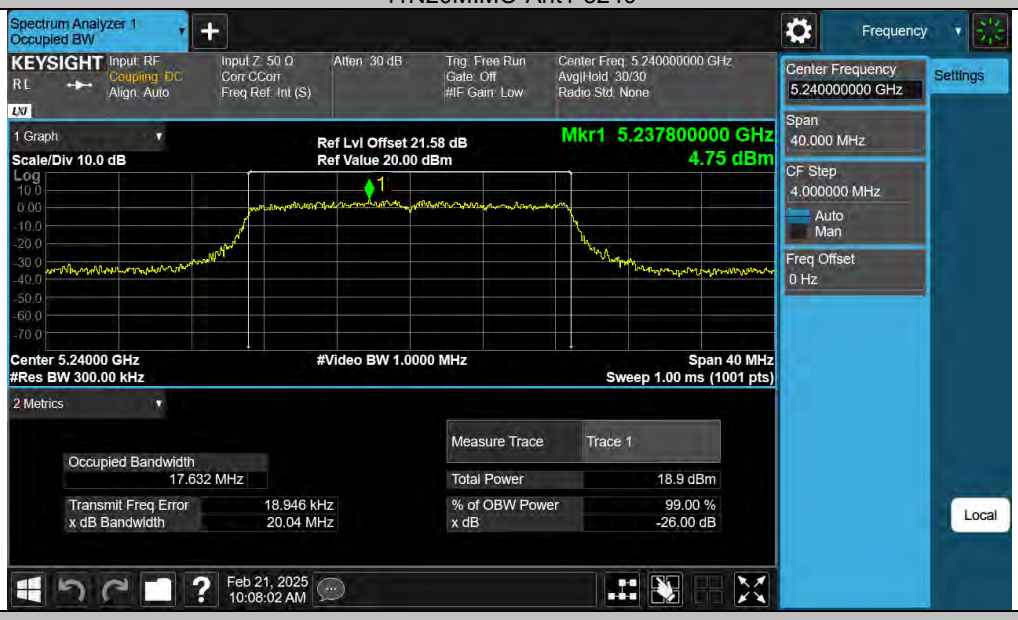
11N20MIMO-Ant1-5200



11N20MIMO-Ant2-5200

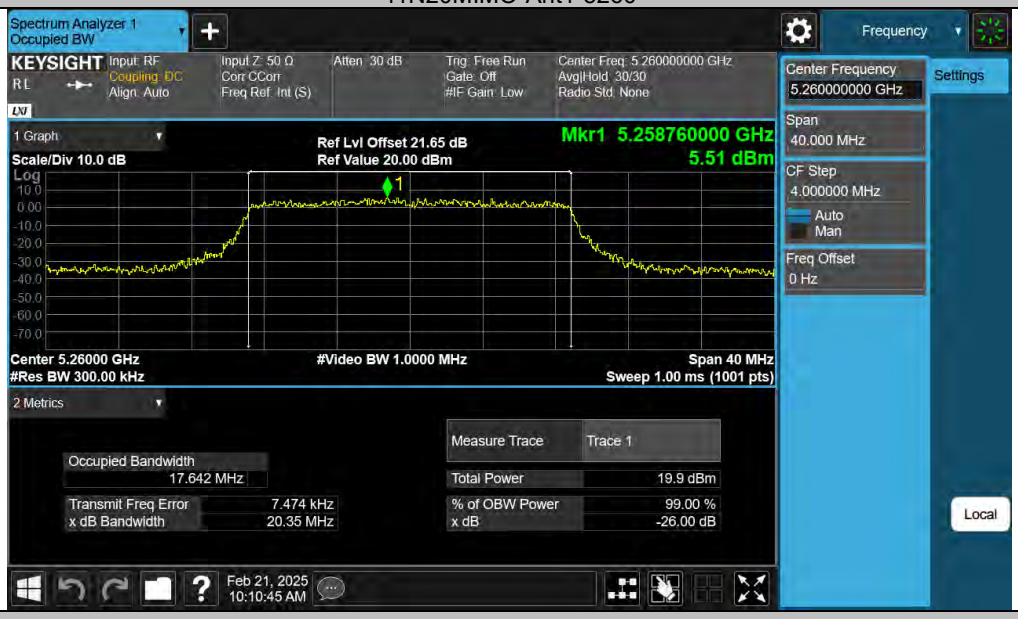


11N20MIMO-Ant1-5240



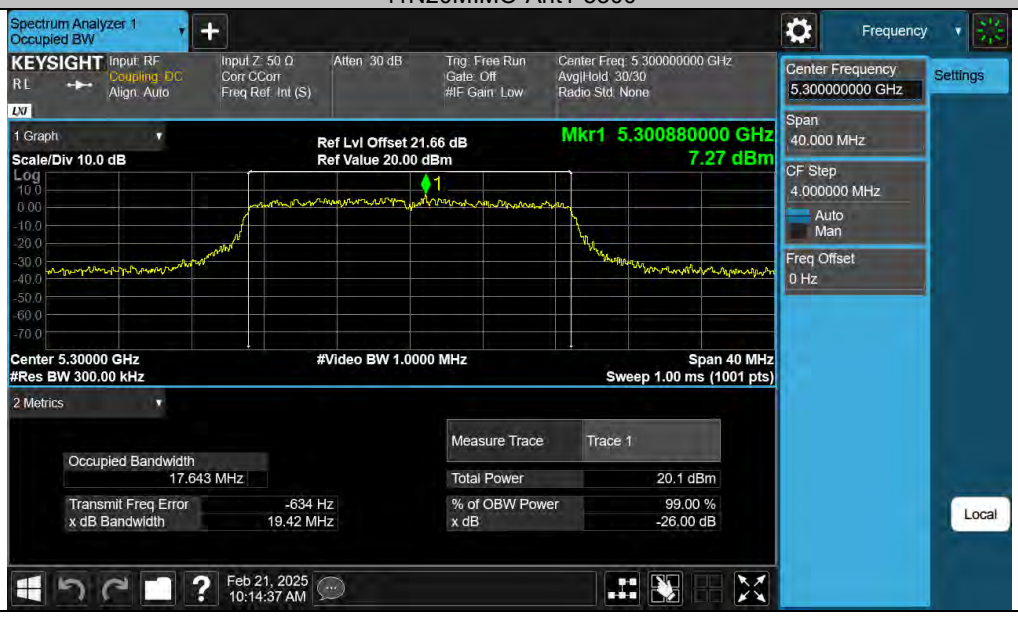
11N20MIMO-Ant2-5240

11N20MIMO-Ant1-5260

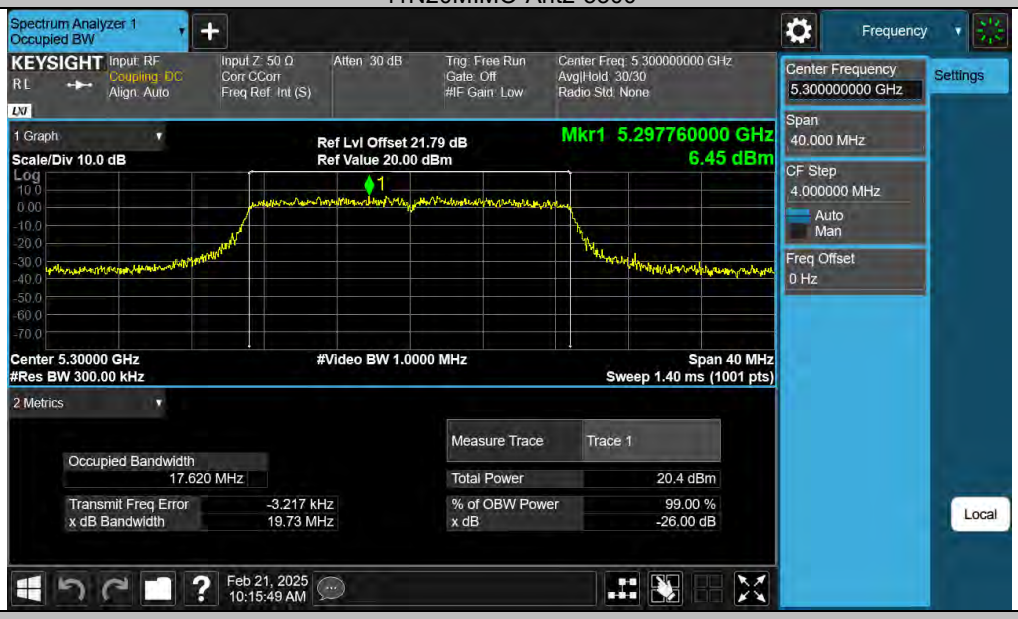


11N20MIMO-Ant2-5260

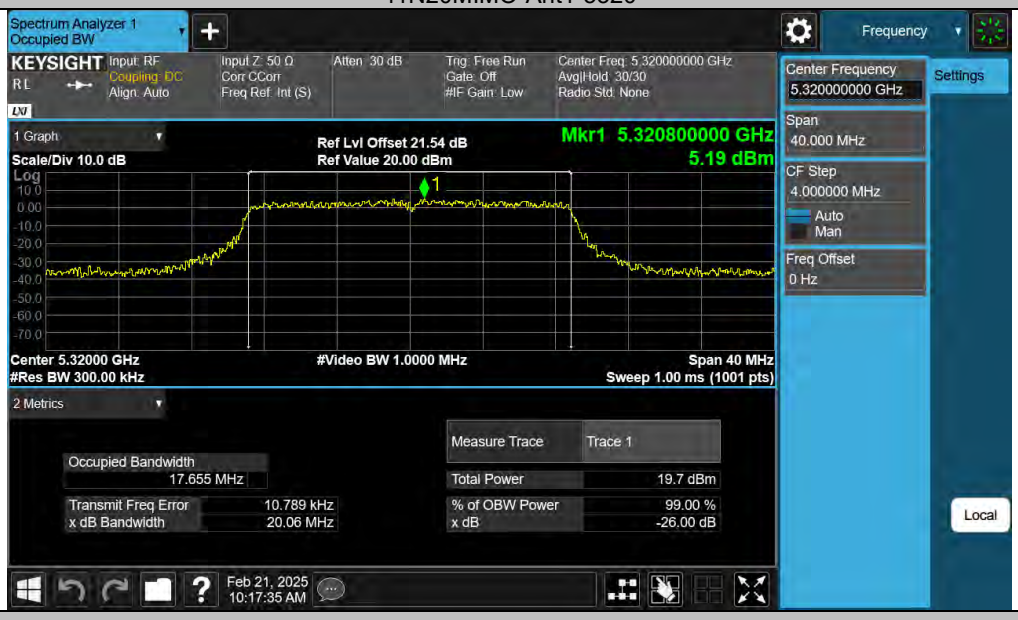
11N20MIMO-Ant1-5300



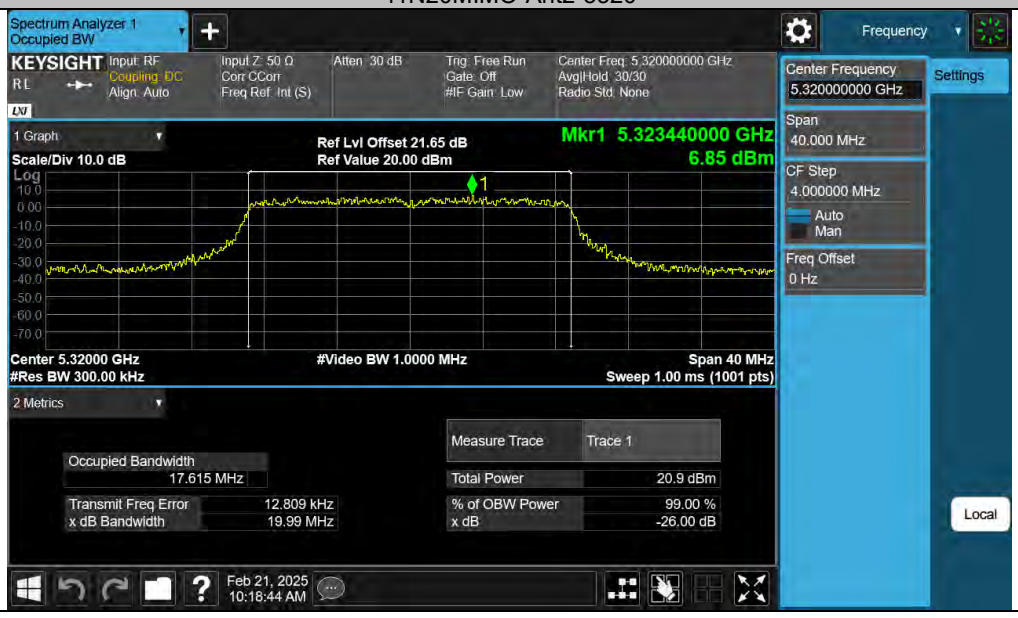
11N20MIMO-Ant2-5300



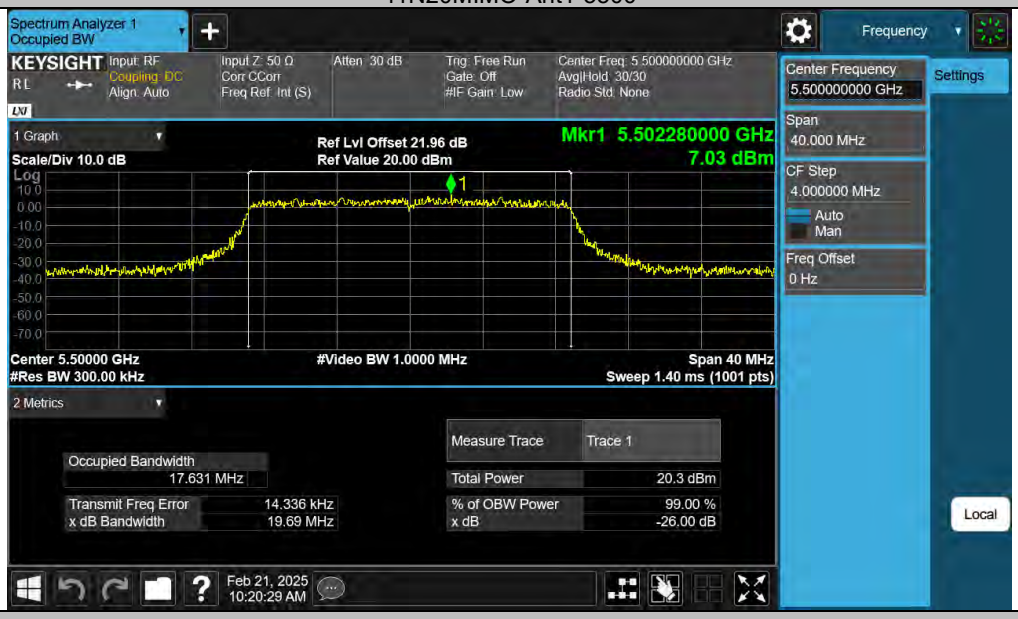
11N20MIMO-Ant1-5320



11N20MIMO-Ant2-5320



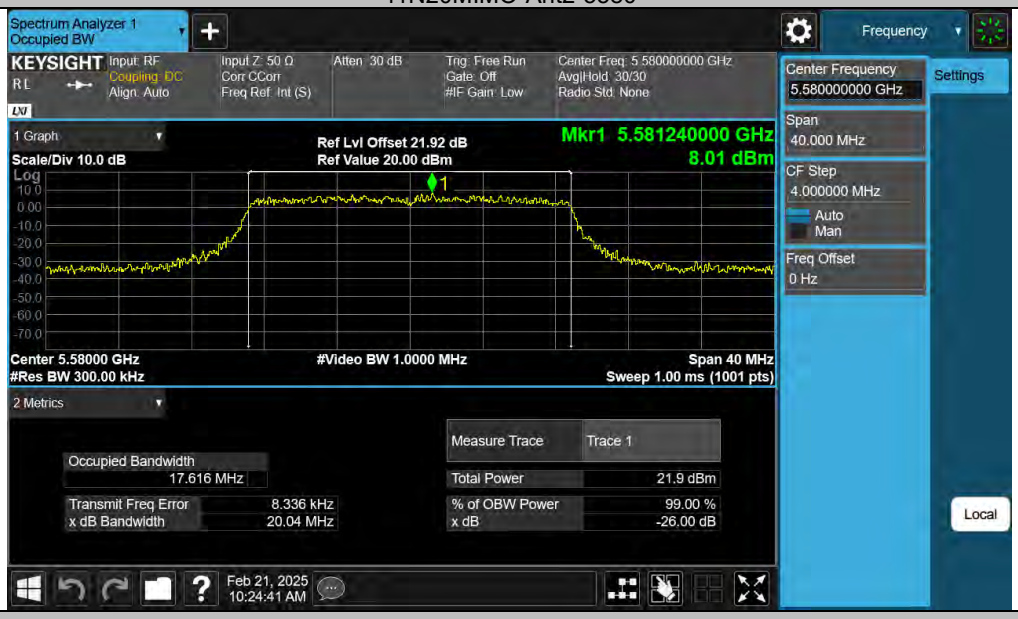
11N20MIMO-Ant1-5500



11N20MIMO-Ant2-5500

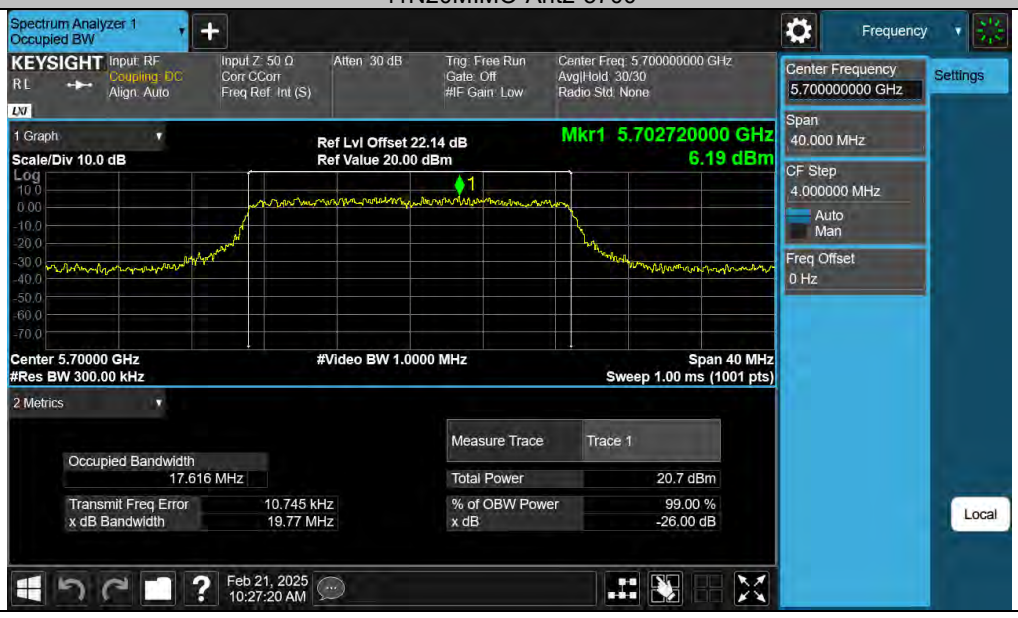
11N20MIMO-Ant1-5580

11N20MIMO-Ant2-5580

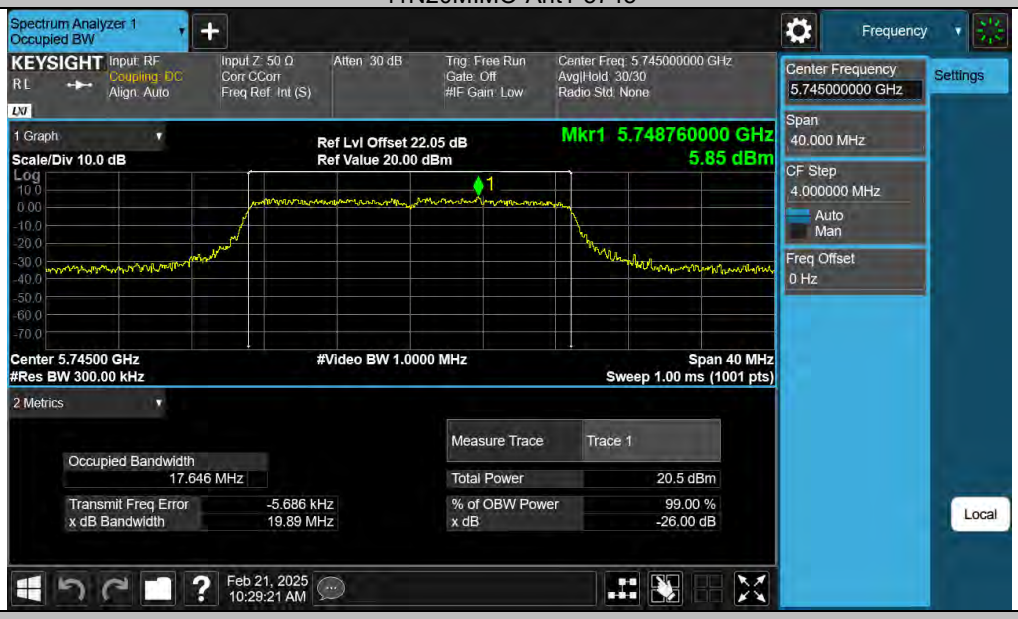


11N20MIMO-Ant1-5700

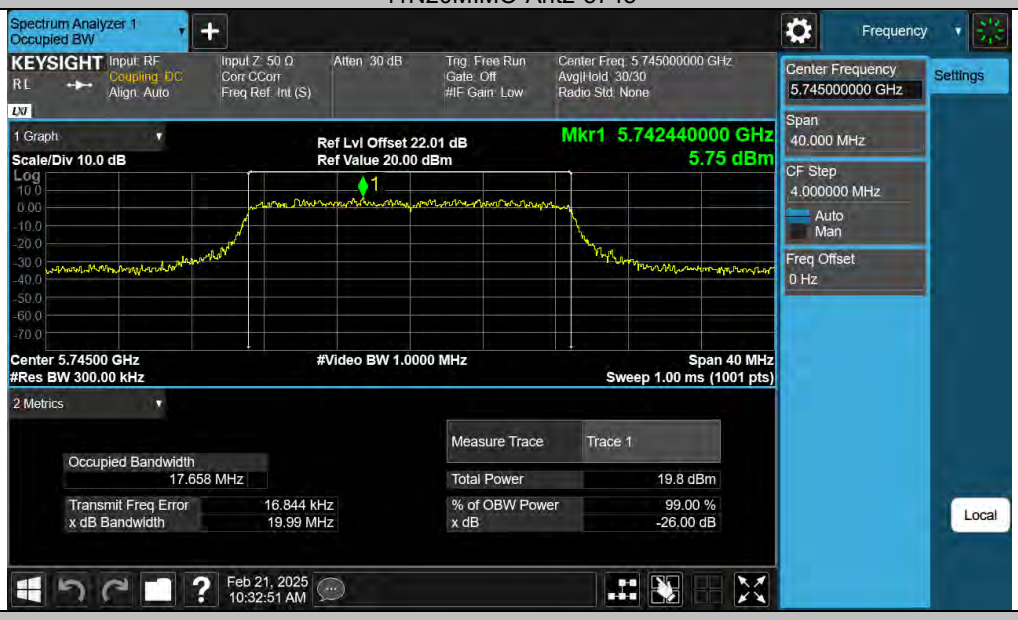
11N20MIMO-Ant2-5700



11N20MIMO-Ant1-5745

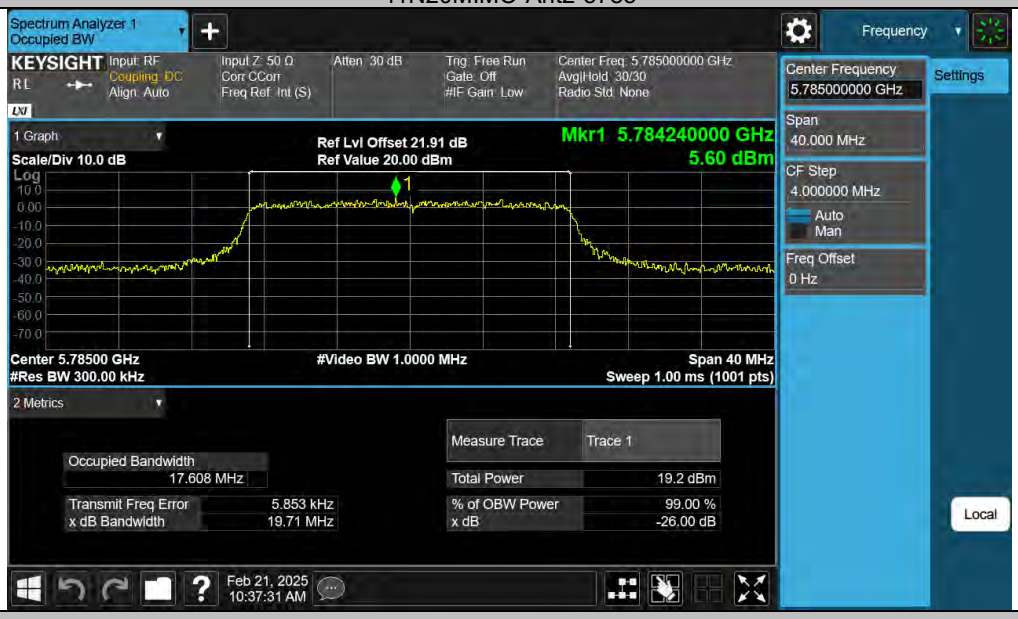


11N20MIMO-Ant2-5745

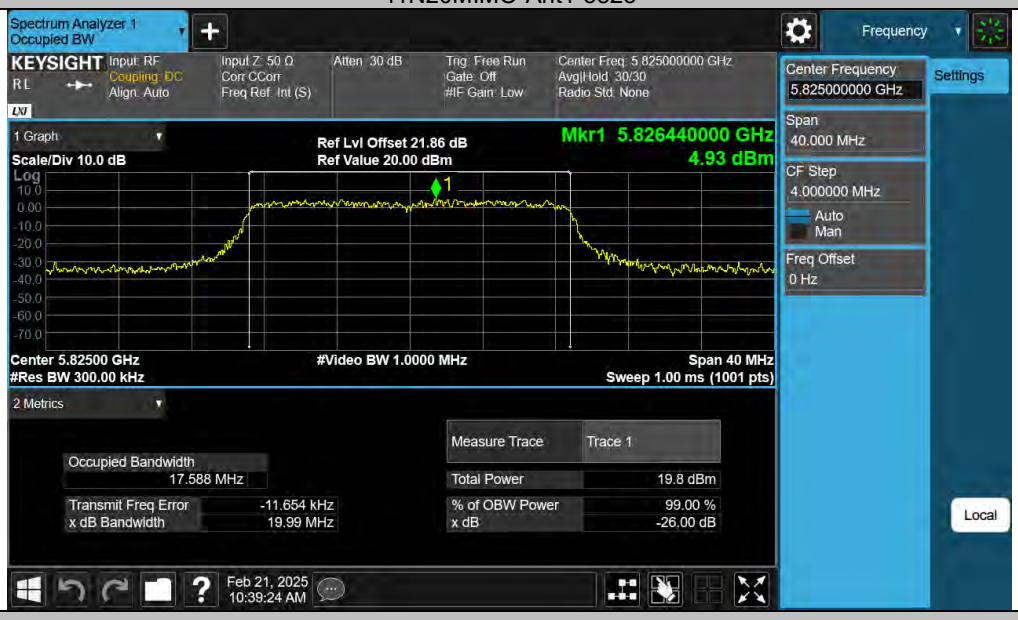


11N20MIMO-Ant1-5785

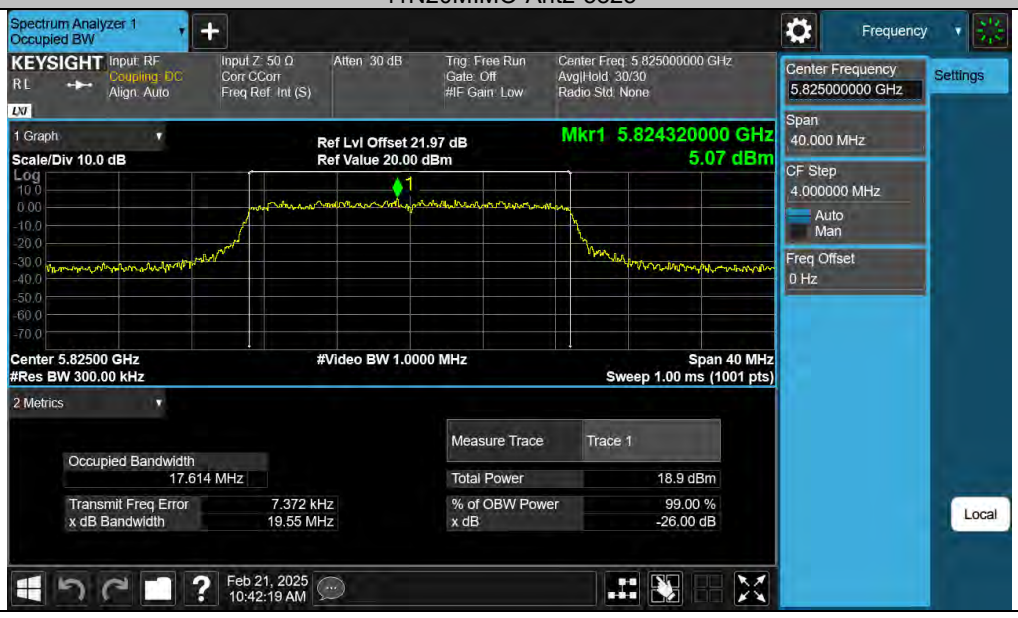
11N20MIMO-Ant2-5785



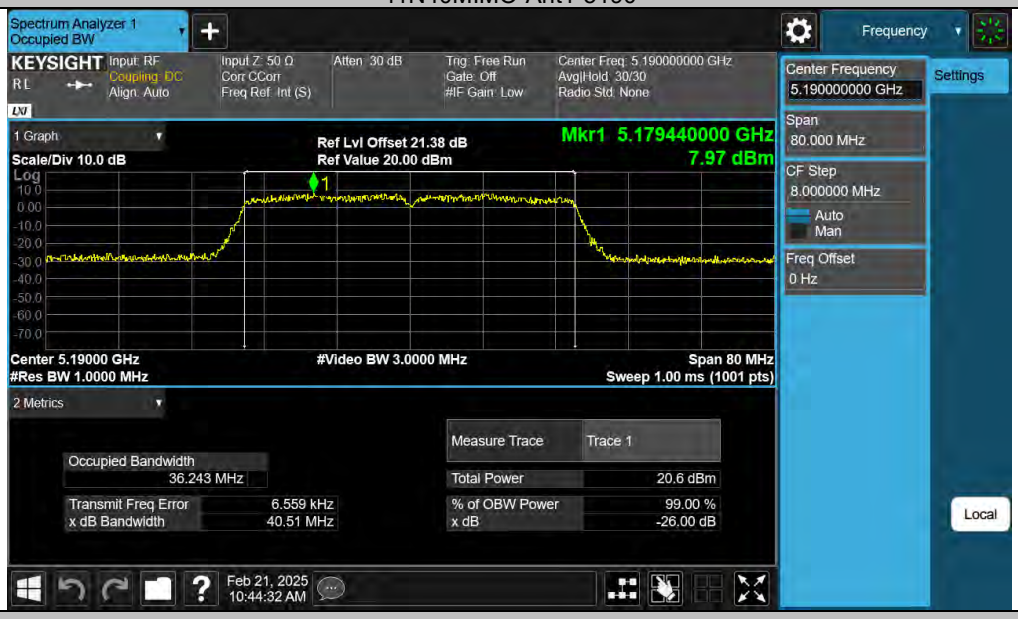
11N20MIMO-Ant1-5825



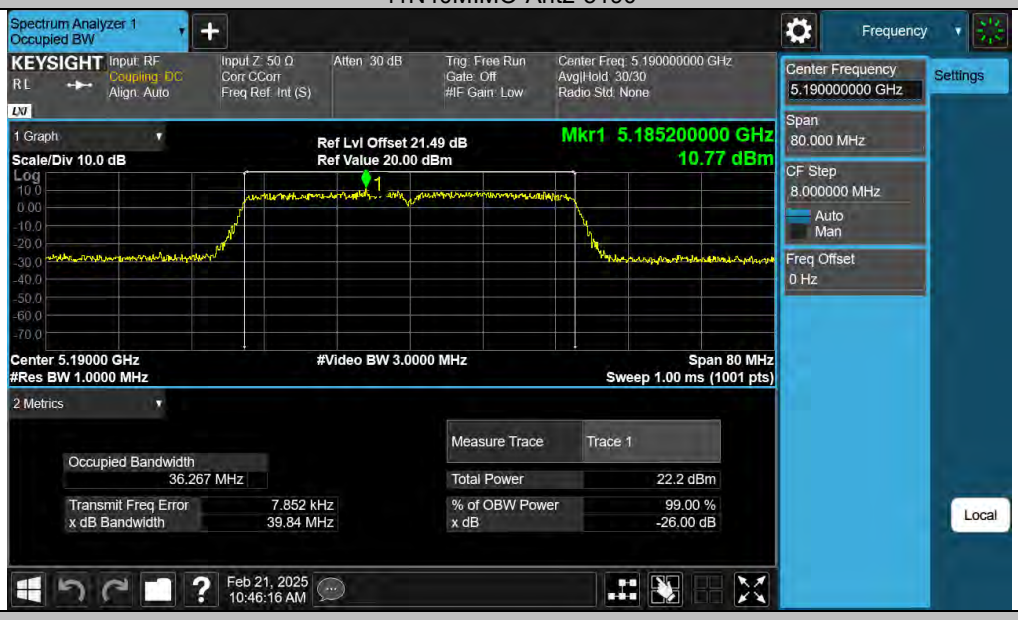
11N20MIMO-Ant2-5825



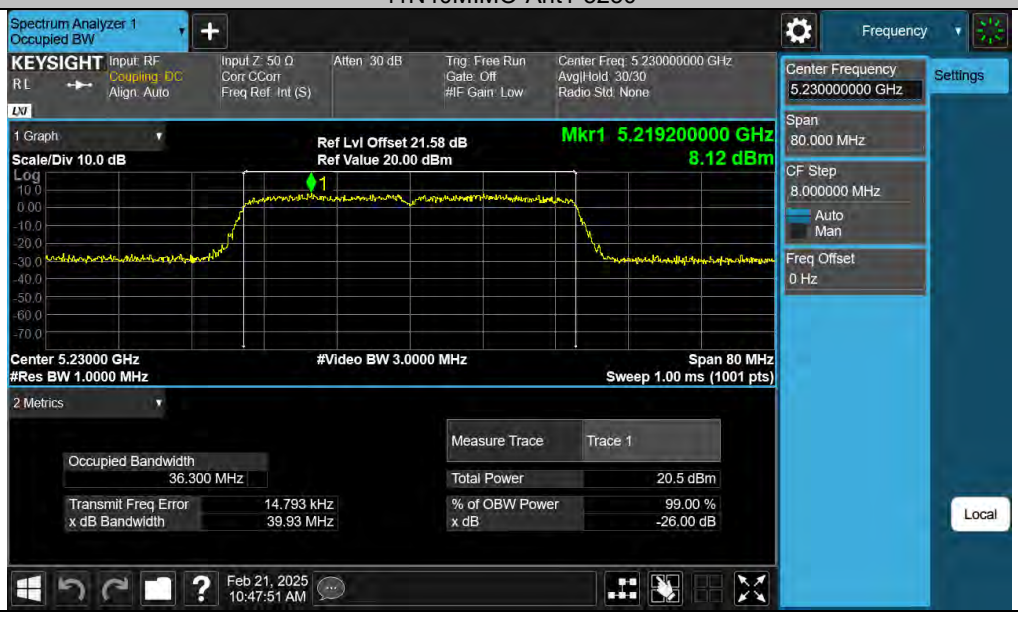
11N40MIMO-Ant1-5190



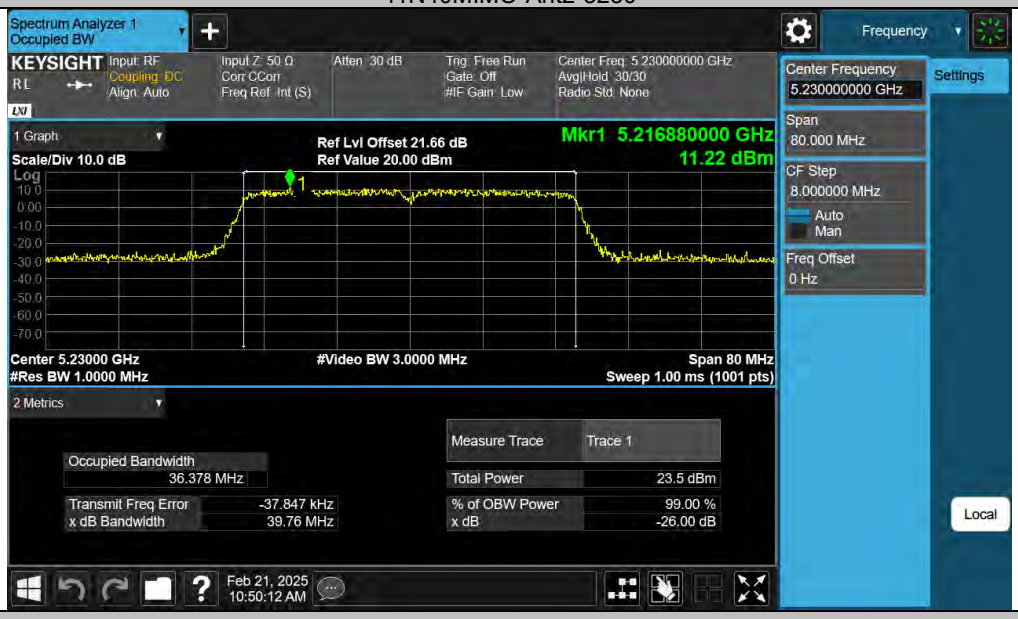
11N40MIMO-Ant2-5190



11N40MIMO-Ant1-5230

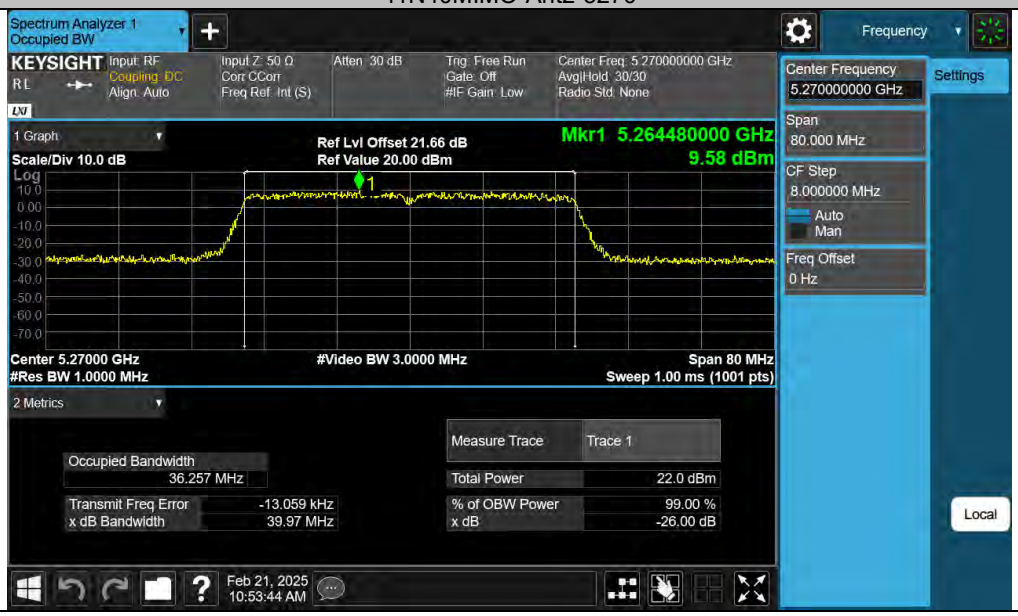


11N40MIMO-Ant2-5230

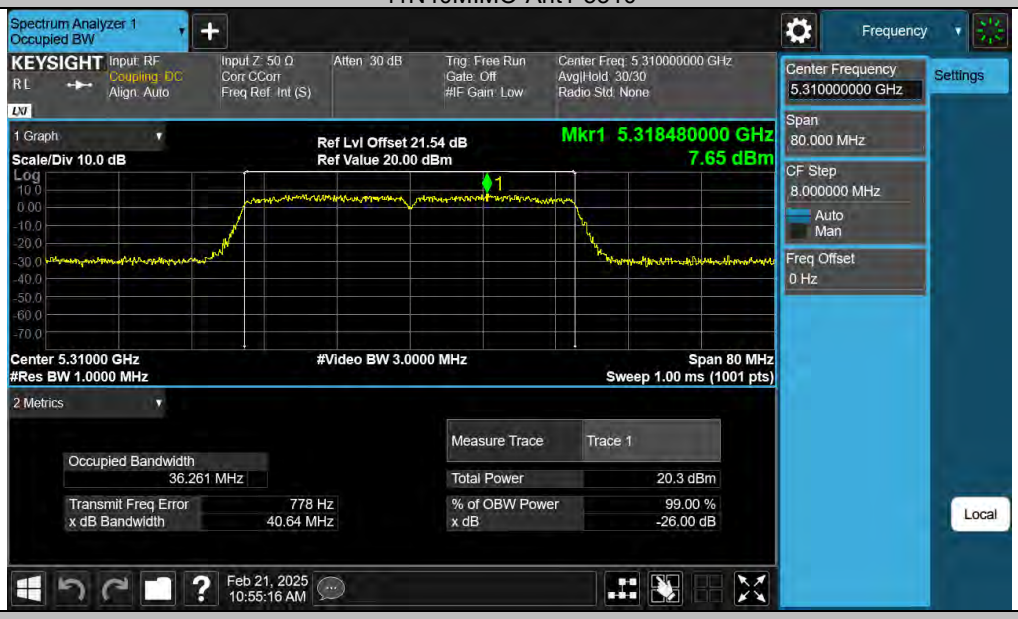


11N40MIMO-Ant1-5270

11N40MIMO-Ant2-5270



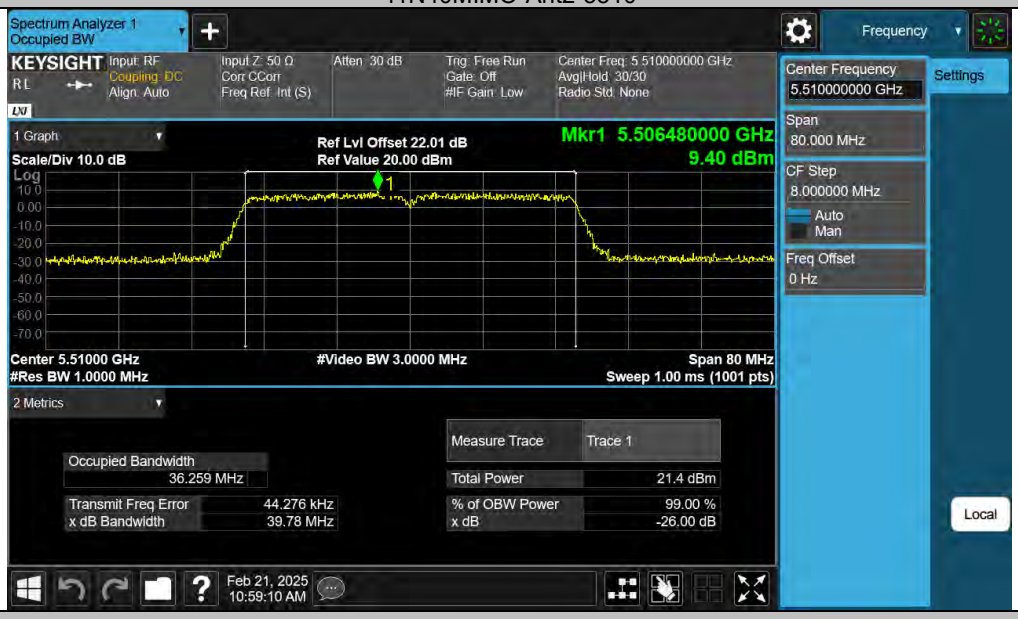
11N40MIMO-Ant1-5310



11N40MIMO-Ant2-5310

11N40MIMO-Ant1-5510

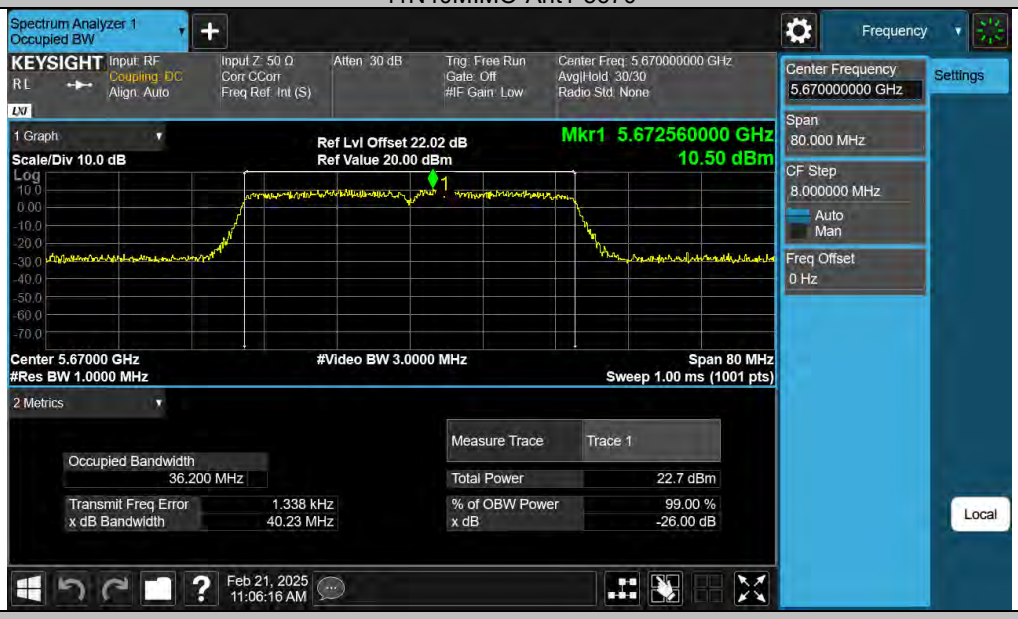
11N40MIMO-Ant2-5510



11N40MIMO-Ant1-5550

11N40MIMO-Ant2-5550

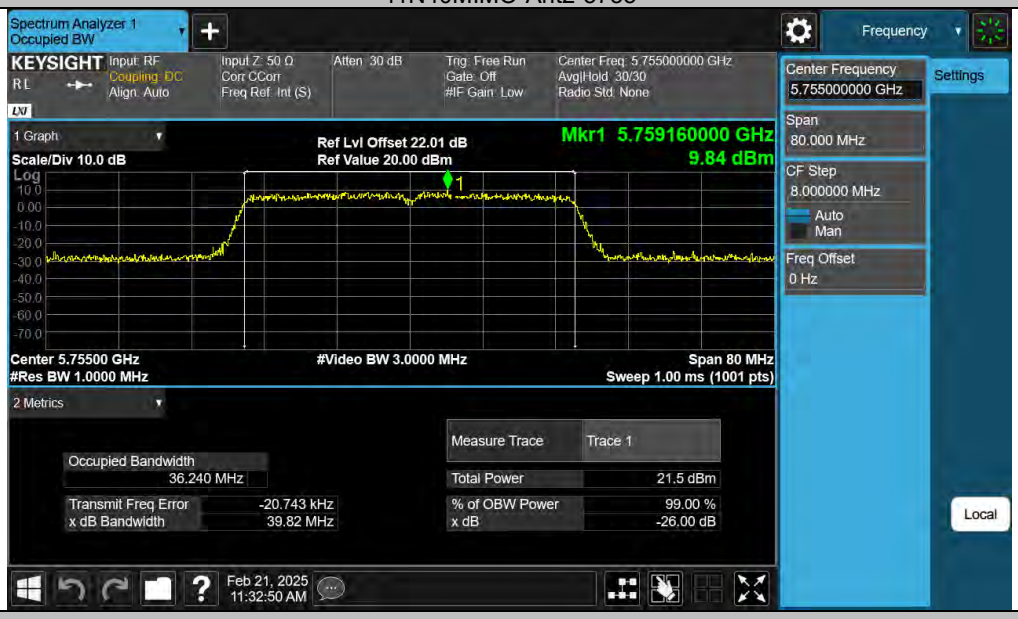
11N40MIMO-Ant1-5670



11N40MIMO-Ant2-5670

11N40MIMO-Ant1-5755

11N40MIMO-Ant2-5755



11N40MIMO-Ant1-5795

11N40MIMO-Ant2-5795