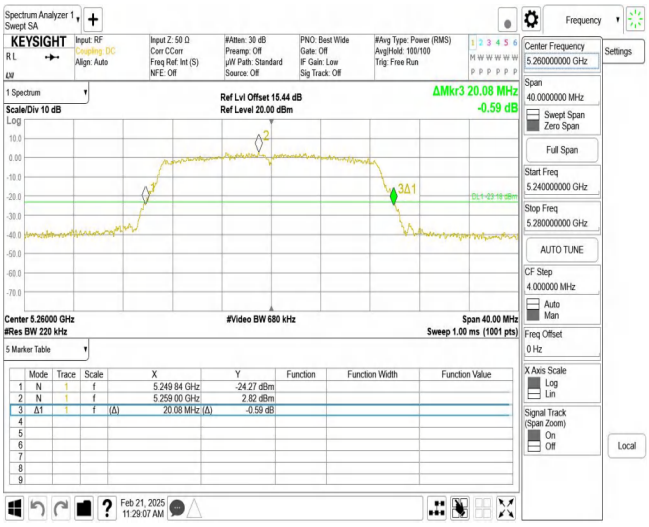

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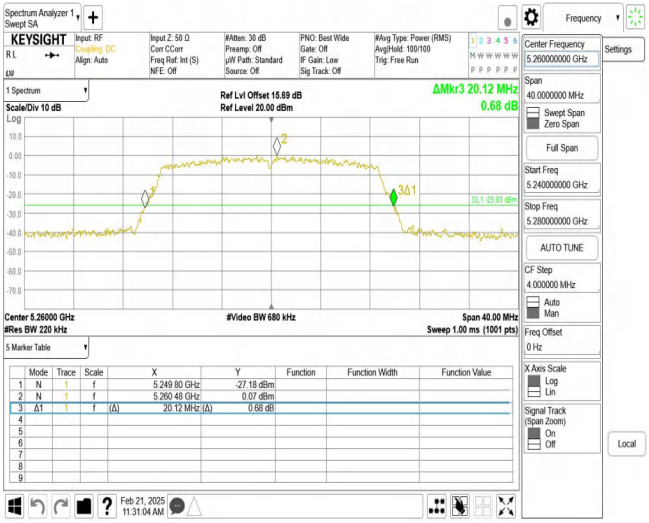

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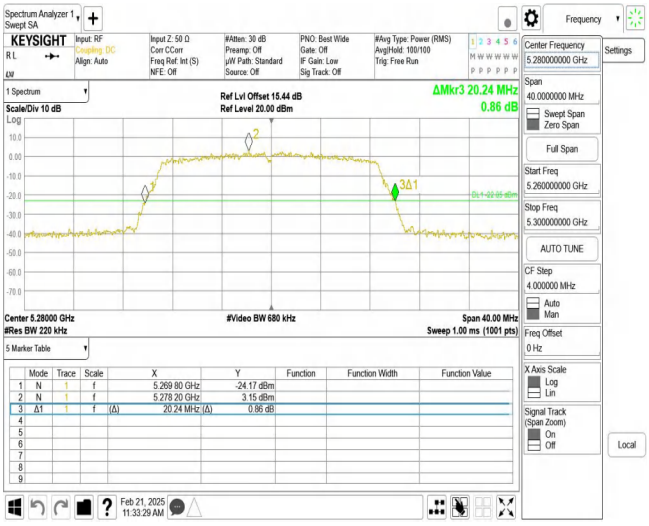

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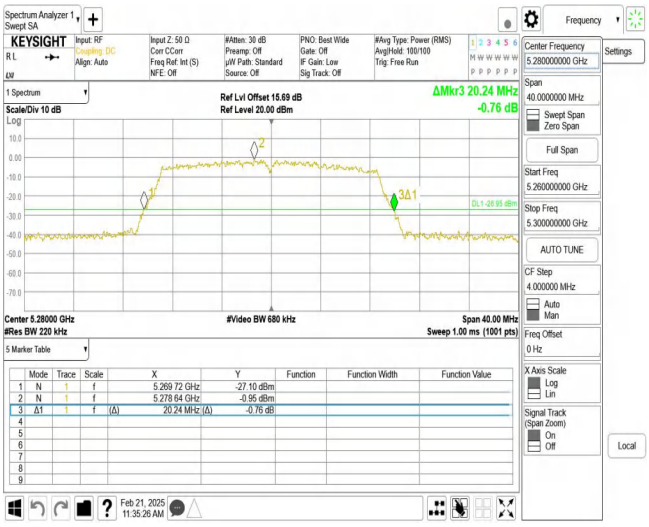

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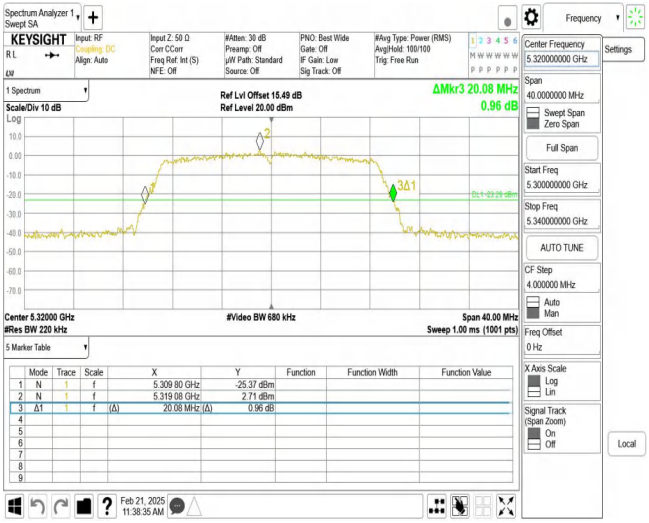

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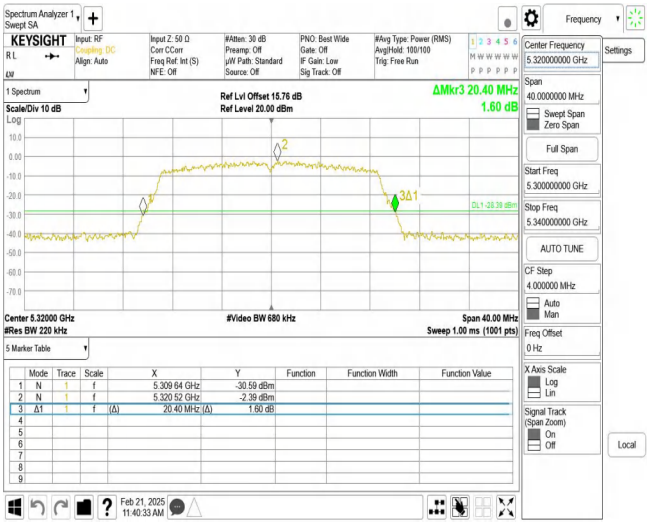

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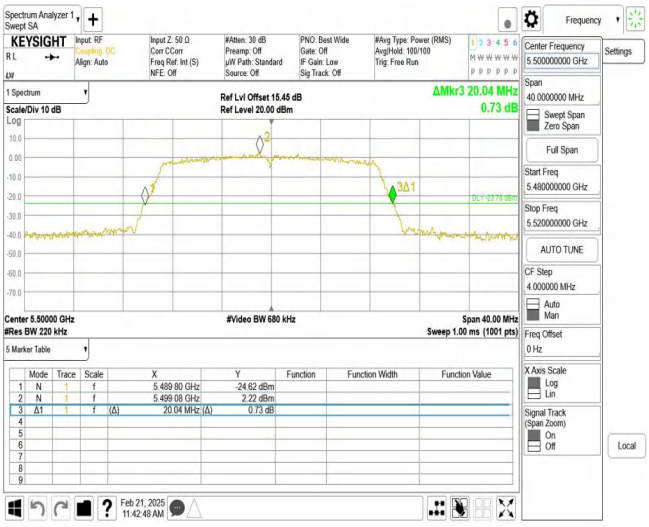

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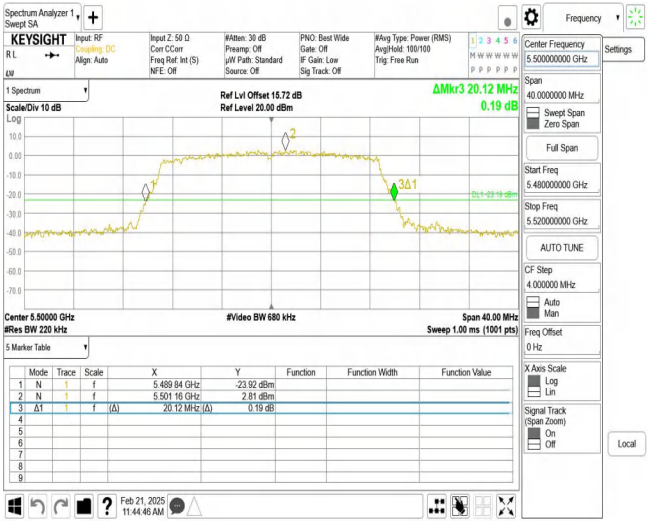

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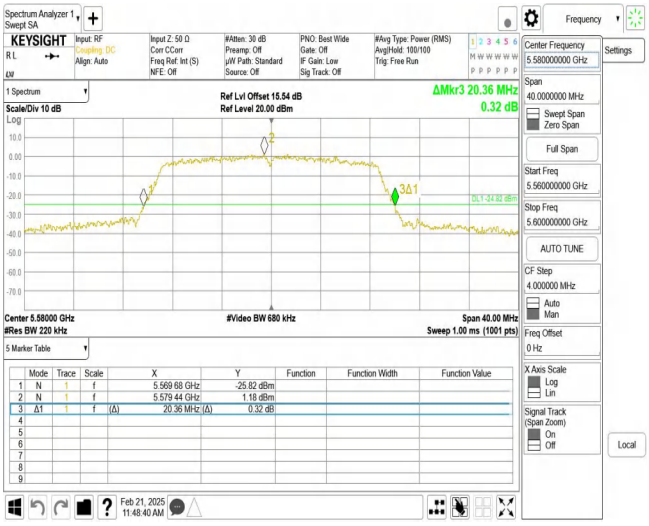

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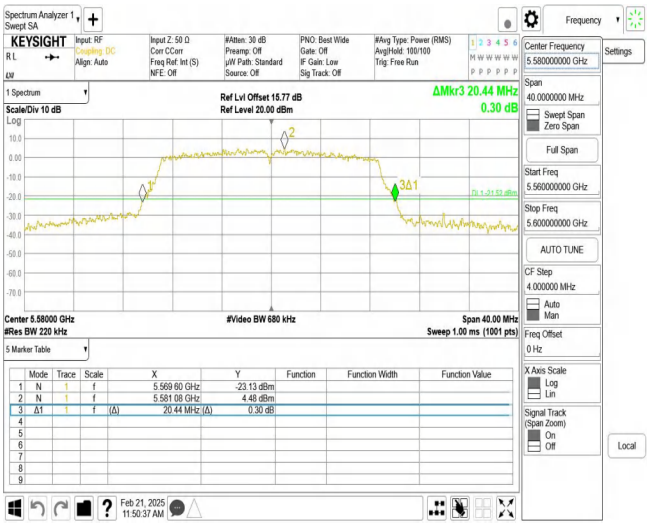

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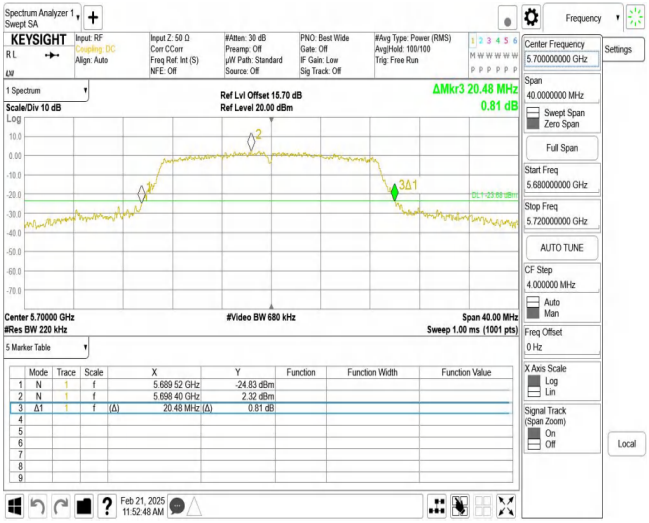

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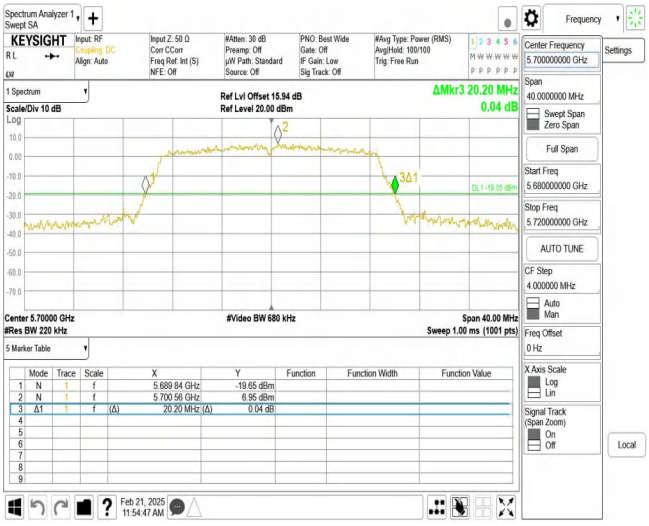

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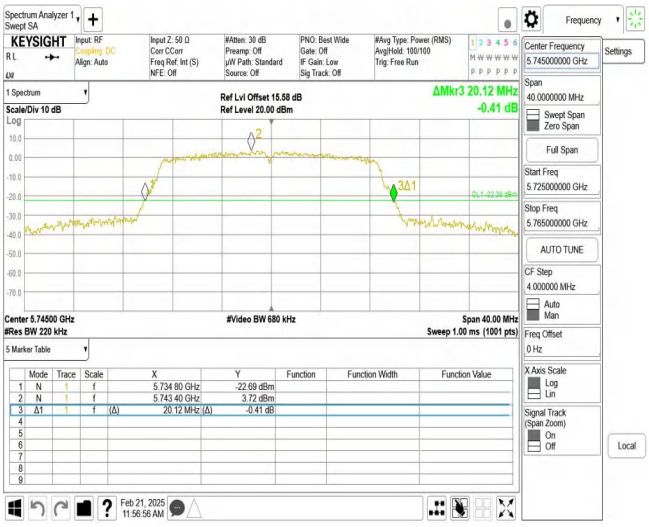

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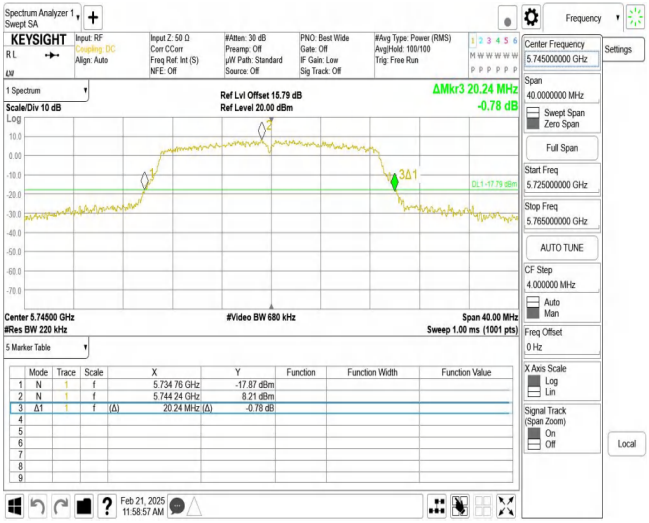

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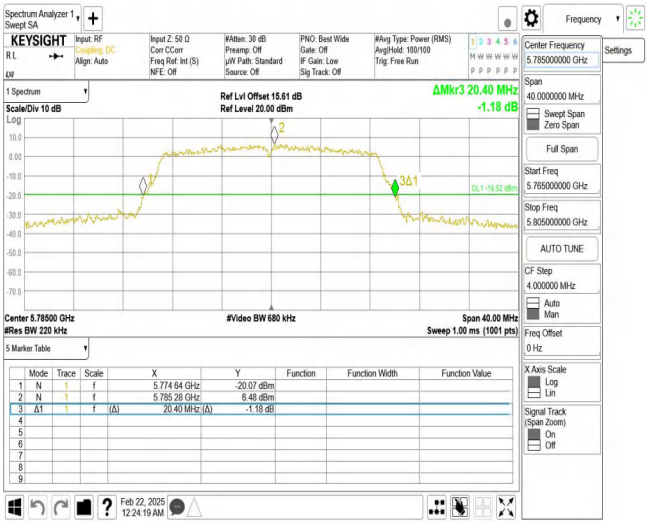

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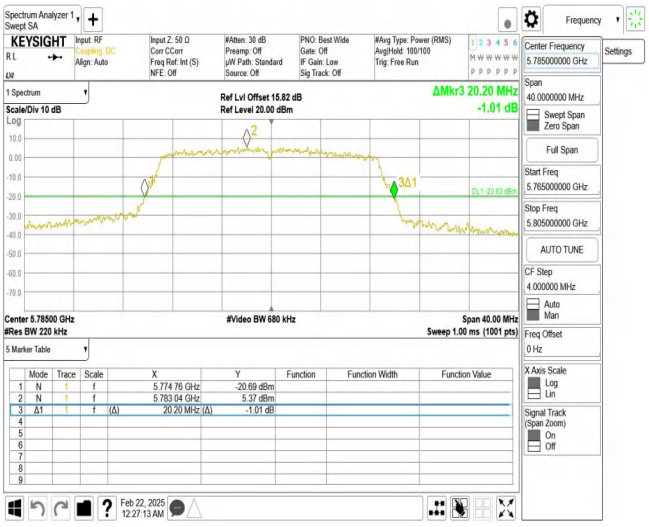

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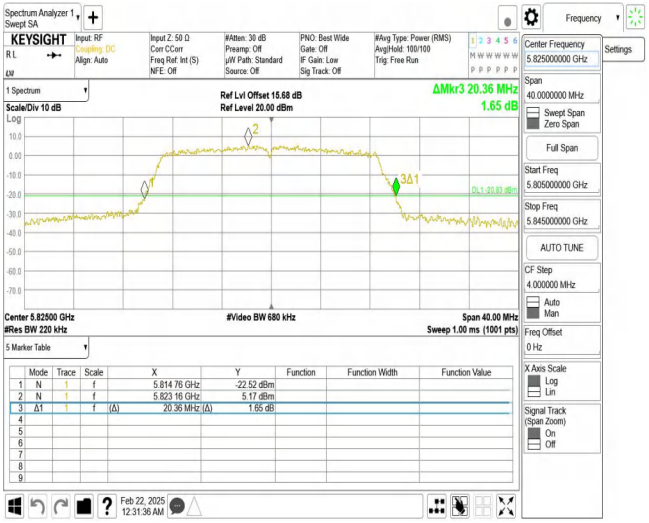

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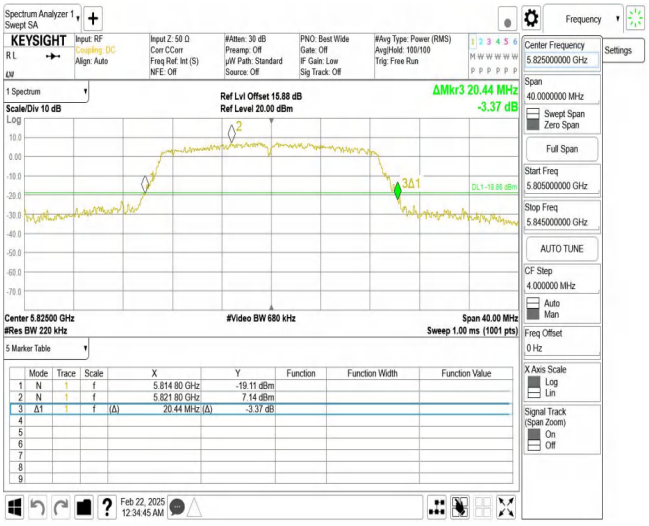

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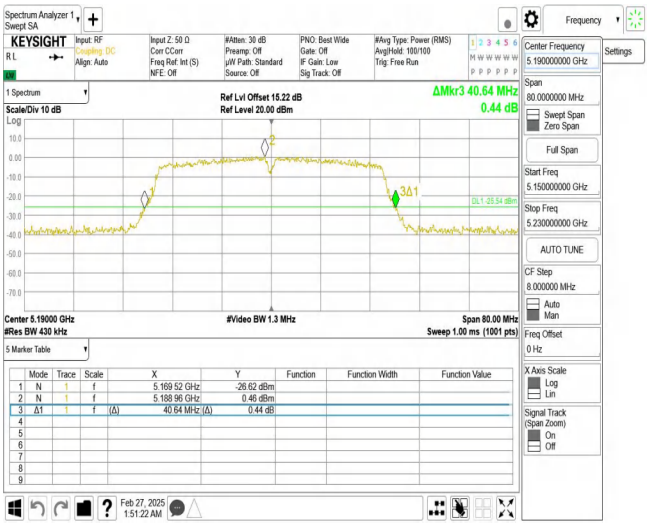
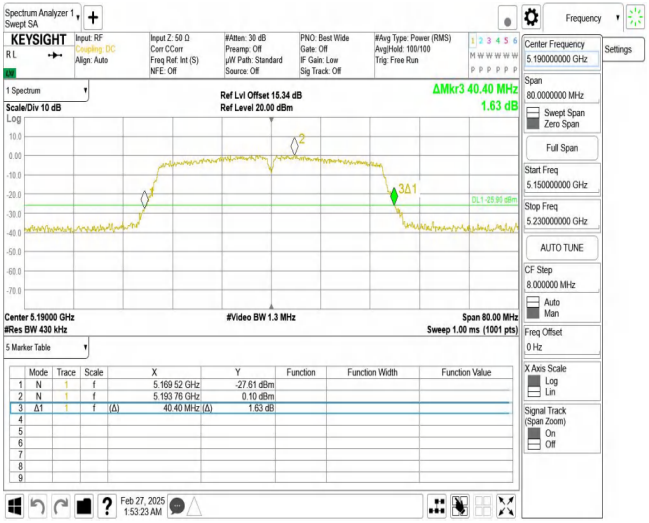
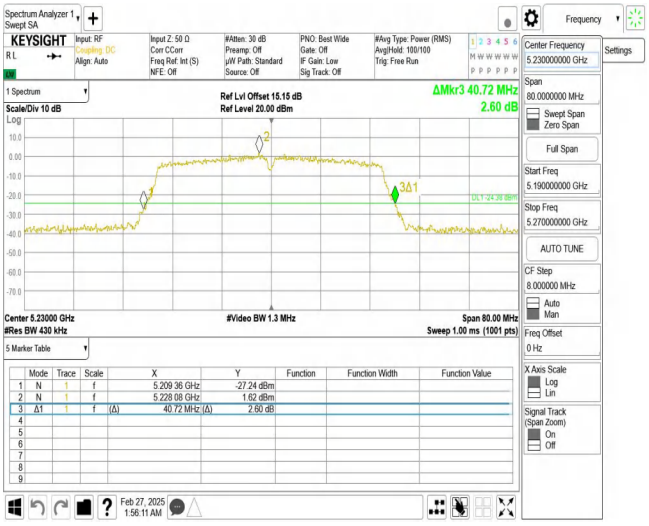


11AC40MIMO_Ant1_5190



11AC40MIMO_Ant2_5190



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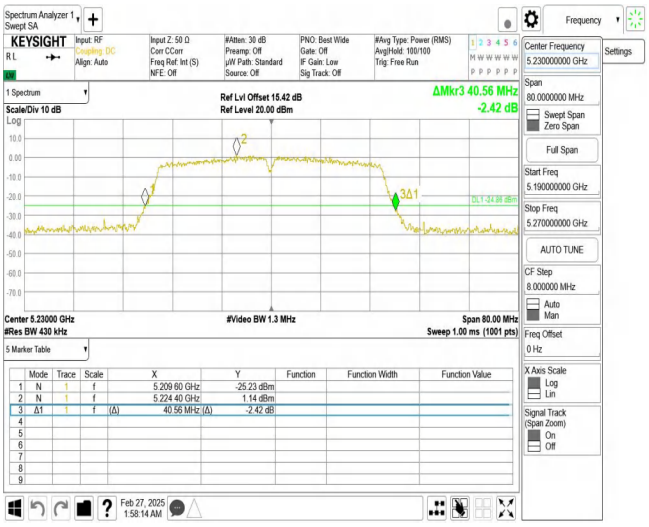

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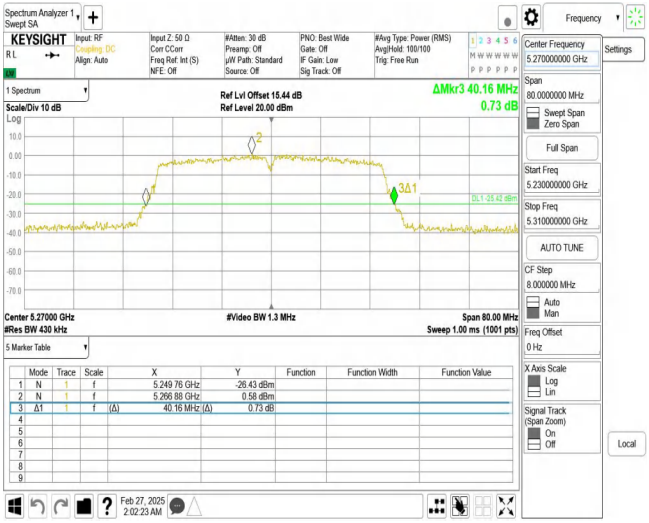

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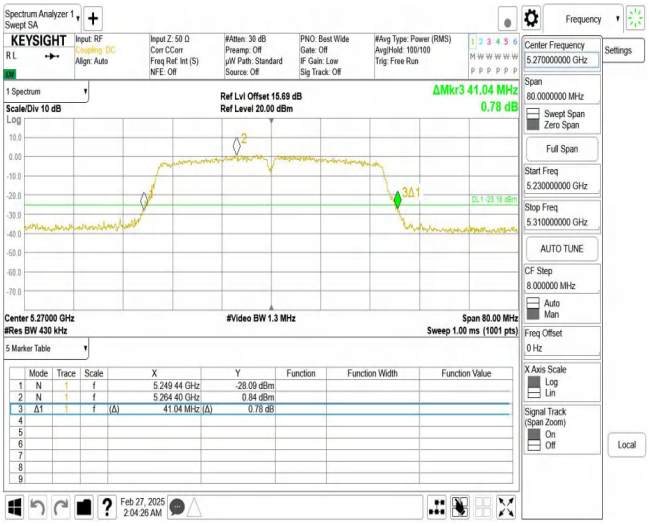

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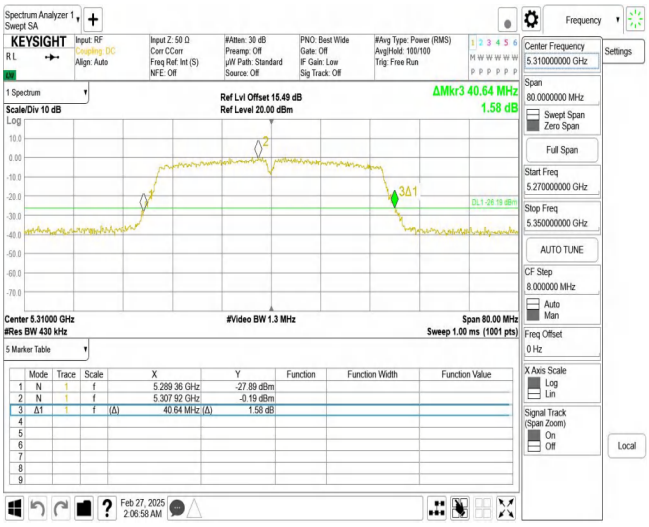

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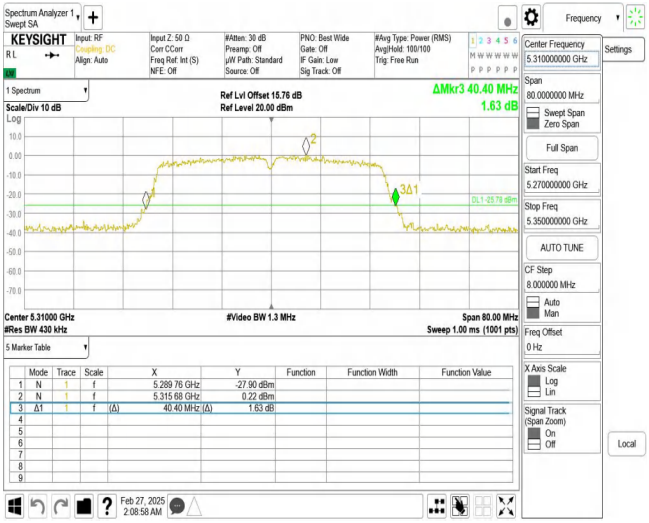
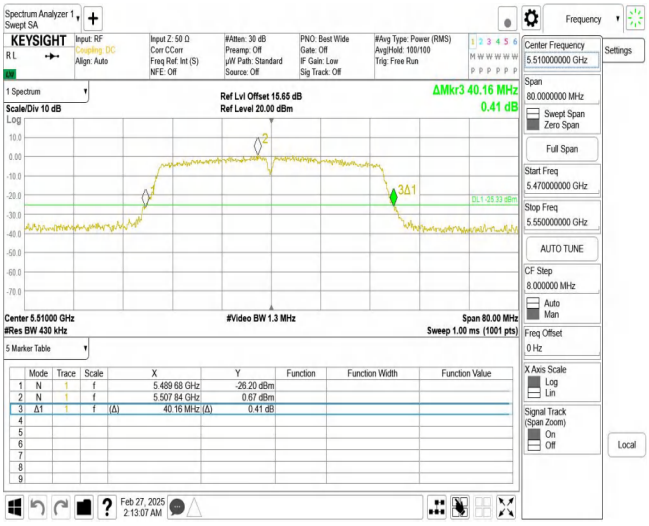


11AC40MIMO_Ant2_5310



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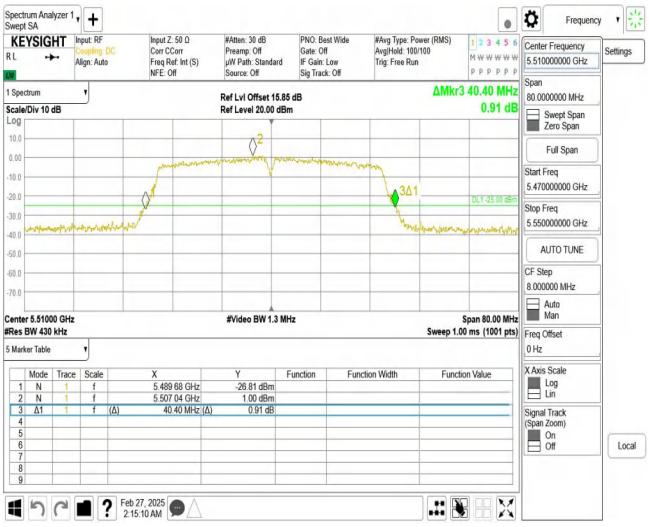

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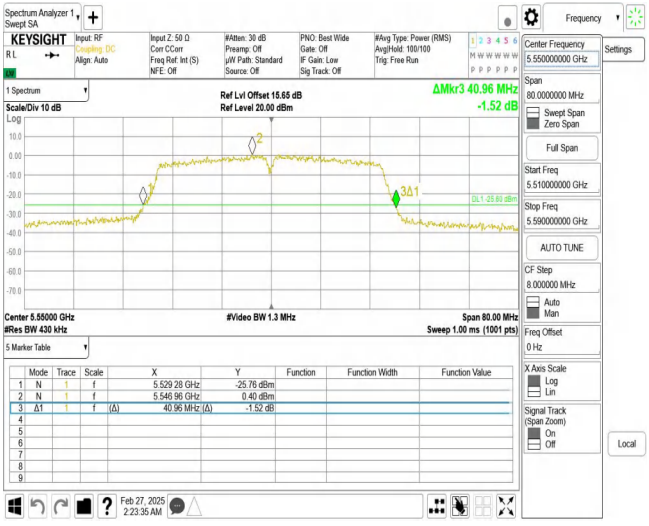

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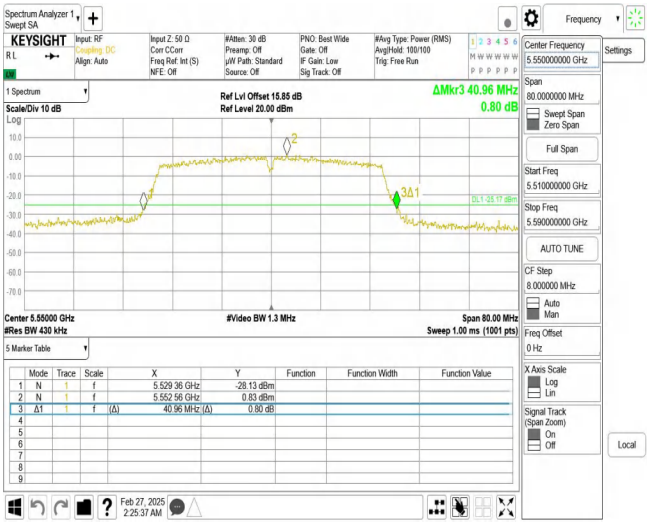

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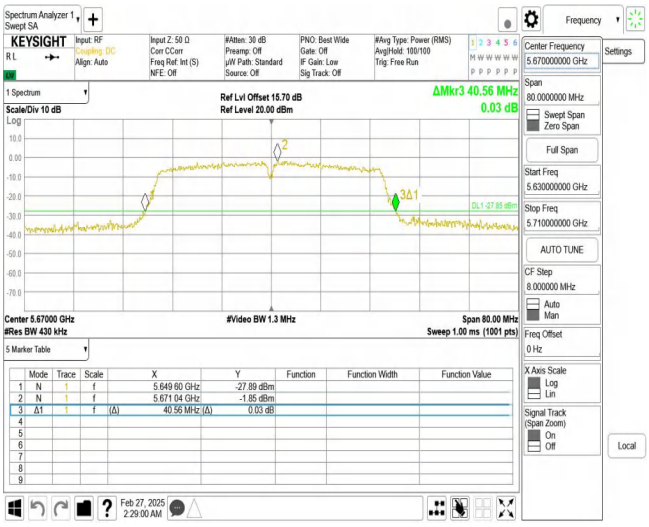

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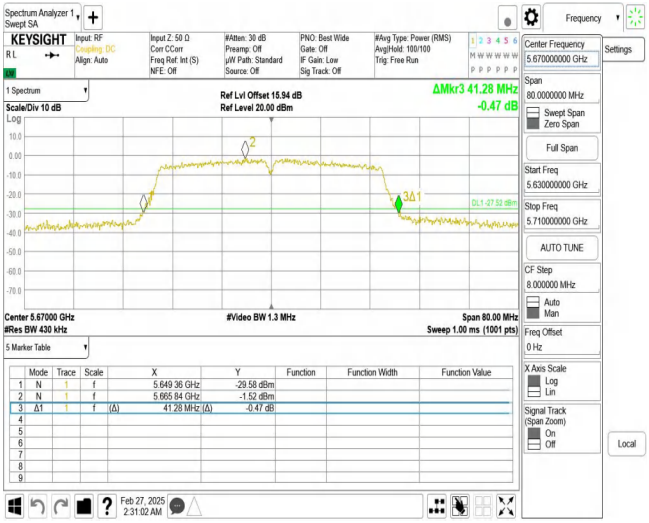

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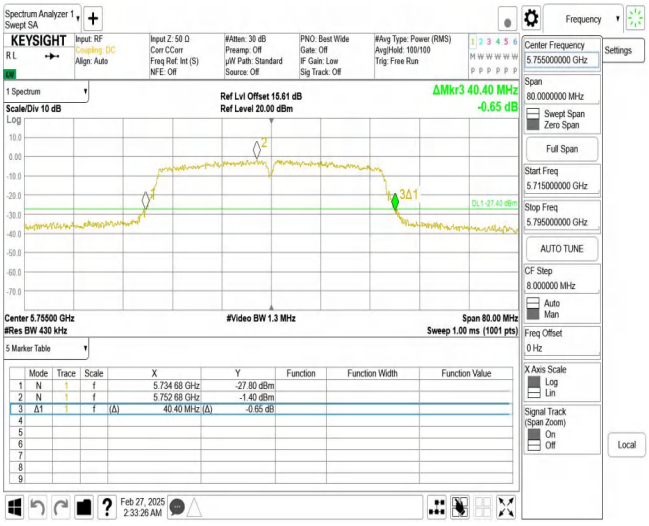

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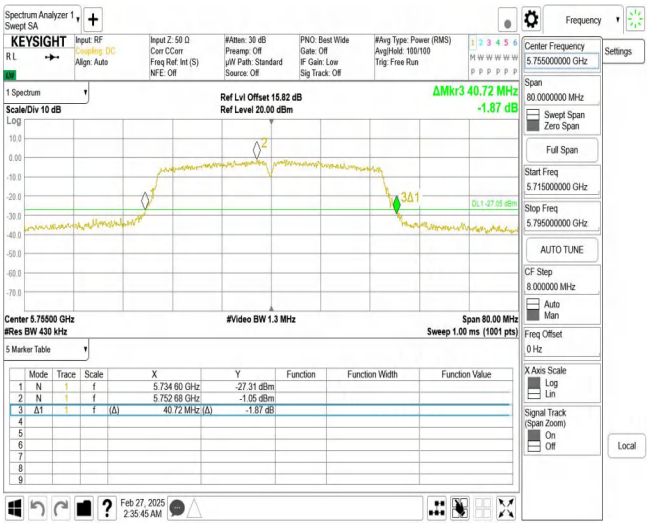

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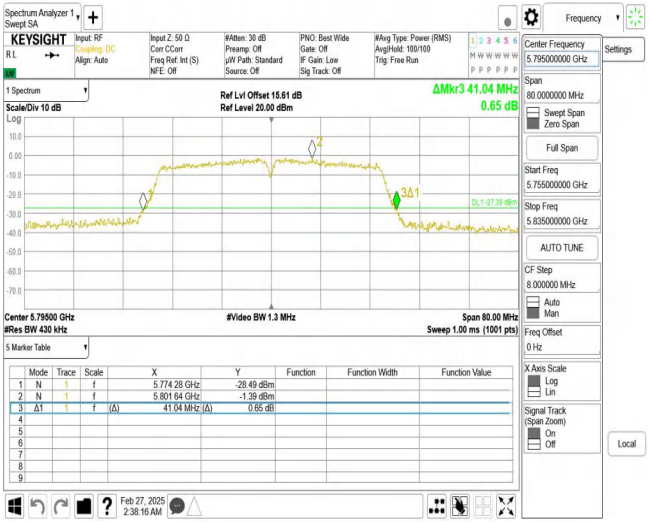

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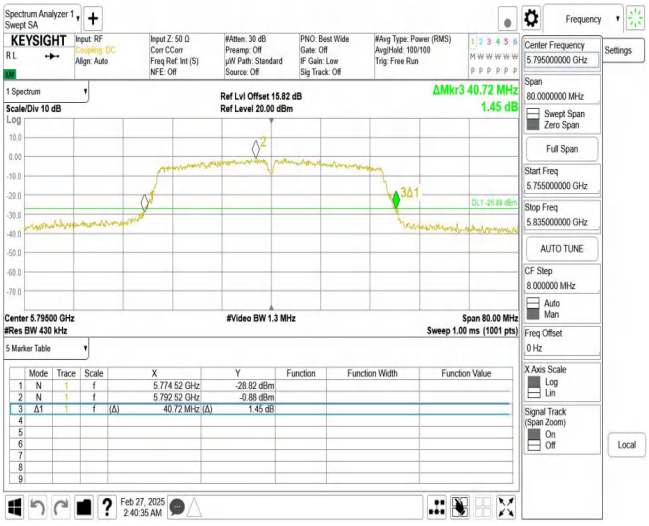
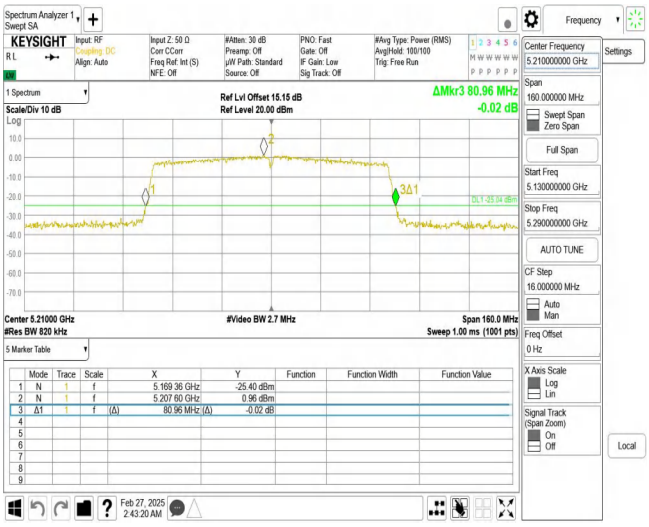


11AC40MIMO_Ant2_5795



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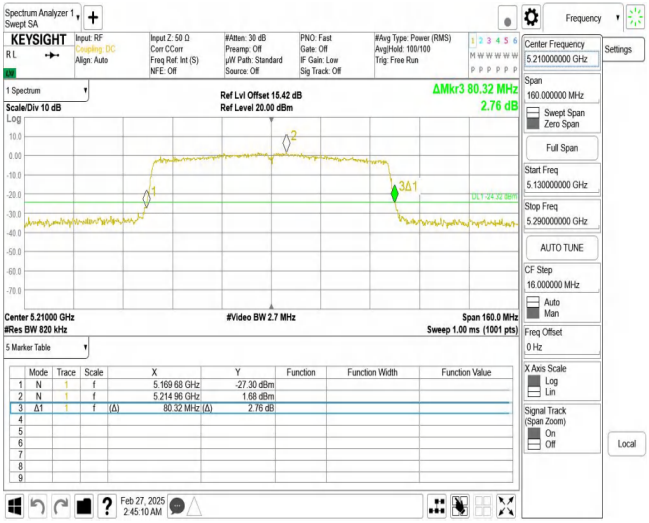

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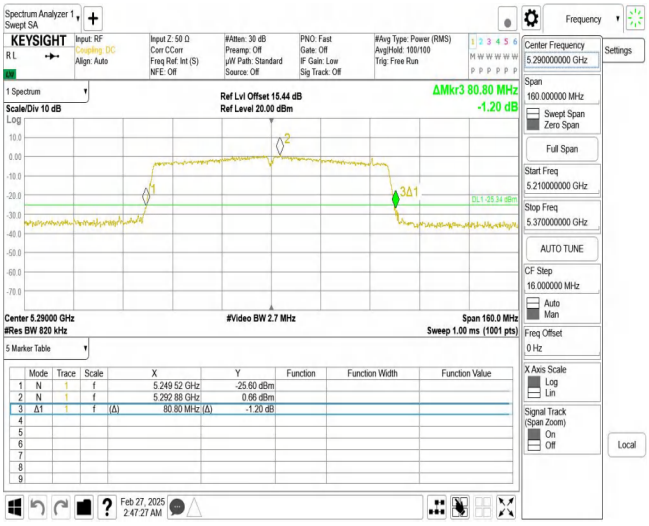
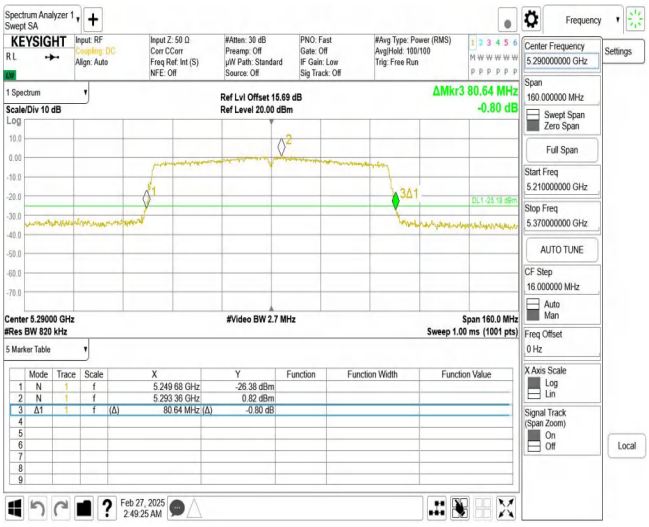


11AC80MIMO_Ant1_5290



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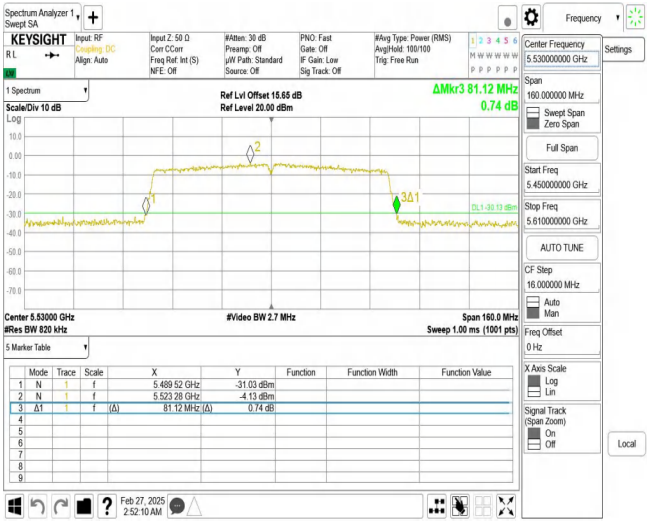

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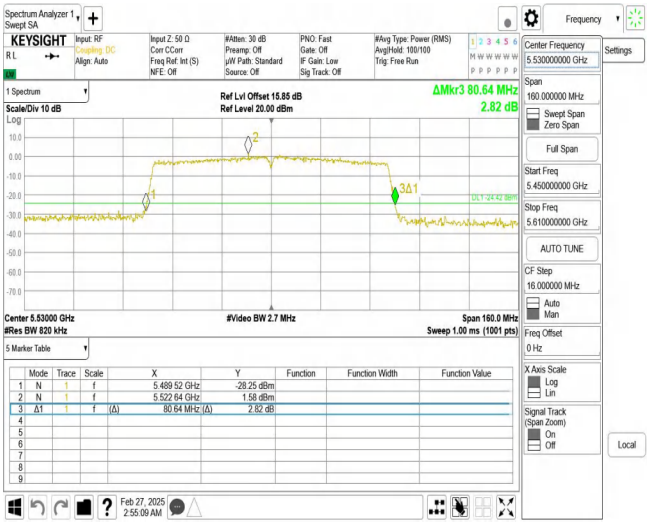

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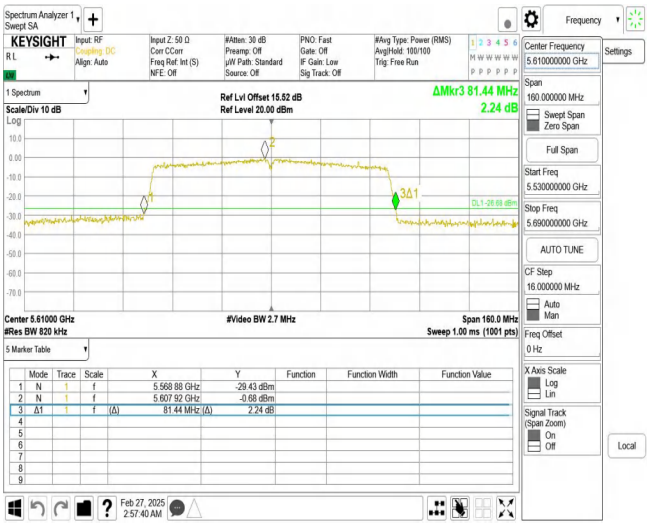

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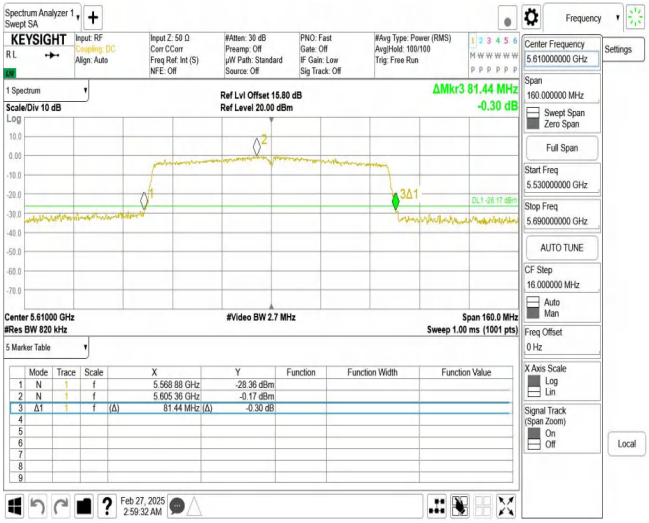

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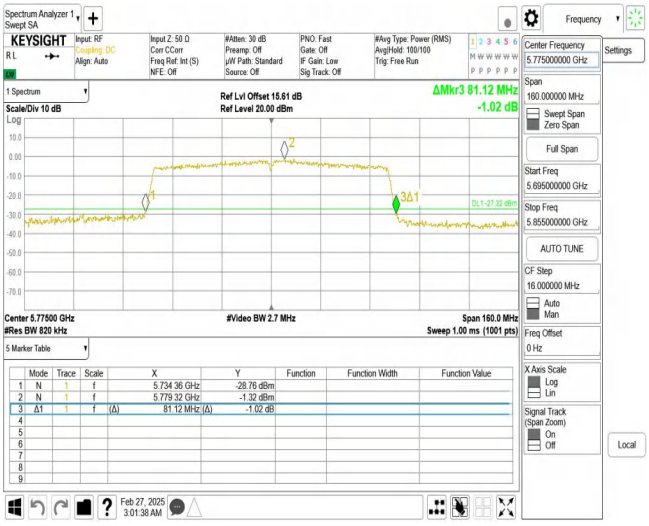

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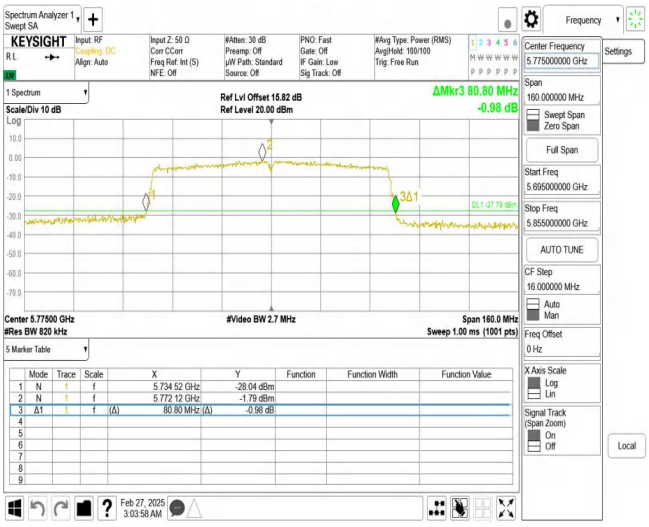


11AC80MIMO_Ant2_5775

Appendix A2: Occupied channel bandwidth

Test Result

TestMode	Antenna	Freq(MHz)	OCB [MHz]	FL[MHz]	FH[MHz]	Limit[MHz]	Verdict
11A	Ant1	5180	16.817	5171.6079	5188.4249	---	---
	Ant2	5180	16.847	5171.5777	5188.4247	---	---
	Ant1	5200	16.772	5191.6106	5208.3826	---	---
	Ant2	5200	16.737	5191.5883	5208.3253	---	---
	Ant1	5240	16.856	5231.5446	5248.4006	---	---
	Ant2	5240	16.650	5231.6667	5248.3167	---	---
	Ant1	5260	16.886	5251.5739	5268.4599	---	---
	Ant2	5260	16.699	5251.6264	5268.3254	---	---
	Ant1	5280	16.852	5271.5615	5288.4135	---	---
	Ant2	5280	16.734	5271.5835	5288.3175	---	---
	Ant1	5320	16.868	5311.5469	5328.4149	---	---
	Ant2	5320	16.721	5311.6503	5328.3713	---	---
	Ant1	5500	16.873	5491.5598	5508.4328	---	---
	Ant2	5500	16.690	5491.6432	5508.3332	---	---
	Ant1	5580	16.849	5571.6044	5588.4534	---	---
	Ant2	5580	16.741	5571.6093	5588.3503	---	---
	Ant1	5700	16.850	5691.5562	5708.4062	---	---
	Ant2	5700	16.707	5691.6672	5708.3742	---	---
	Ant1	5745	16.780	5736.6121	5753.3921	---	---
	Ant2	5745	16.651	5736.6683	5753.3193	---	---
	Ant1	5785	16.823	5776.5905	5793.4135	---	---
	Ant2	5785	16.686	5776.6411	5793.3271	---	---
	Ant1	5825	16.849	5816.5807	5833.4297	---	---
	Ant2	5825	16.676	5816.6551	5833.3311	---	---
11N20MIMO	Ant1	5180	17.783	5171.0999	5188.8829	---	---
	Ant2	5180	17.719	5171.1890	5188.9080	---	---
	Ant1	5200	17.813	5191.1139	5208.9269	---	---
	Ant2	5200	17.735	5191.1436	5208.8786	---	---
	Ant1	5240	17.795	5231.0982	5248.8932	---	---
	Ant2	5240	17.759	5231.0785	5248.8375	---	---
	Ant1	5260	17.837	5251.0841	5268.9211	---	---
	Ant2	5260	17.727	5251.1443	5268.8713	---	---
	Ant1	5280	17.762	5271.1109	5288.8729	---	---
	Ant2	5280	17.670	5271.2158	5288.8858	---	---
	Ant1	5320	17.791	5311.0722	5328.8632	---	---
	Ant2	5320	17.767	5311.0615	5328.8285	---	---
	Ant1	5500	17.782	5491.0779	5508.8599	---	---
	Ant2	5500	17.697	5491.1534	5508.8504	---	---
	Ant1	5580	17.869	5571.0532	5588.9222	---	---
	Ant2	5580	17.727	5571.1421	5588.8691	---	---

	Ant1	5700	17.841	5691.0941	5708.9351	---	---
	Ant2	5700	17.782	5691.0719	5708.8539	---	---
	Ant1	5745	17.801	5736.0738	5753.8748	---	---
	Ant2	5745	17.746	5736.1516	5753.8976	---	---
	Ant1	5785	17.772	5776.1195	5793.8915	---	---
	Ant2	5785	17.763	5776.0519	5793.8149	---	---
	Ant1	5825	17.817	5816.0821	5833.8991	---	---
	Ant2	5825	17.731	5816.1673	5833.8983	---	---
11N40MIMO	Ant1	5190	36.070	5171.9591	5208.0291	---	---
	Ant2	5190	36.052	5171.9973	5208.0493	---	---
	Ant1	5230	36.110	5211.9236	5248.0336	---	---
	Ant2	5230	36.131	5211.8870	5248.0180	---	---
	Ant1	5270	36.089	5251.9451	5288.0341	---	---
	Ant2	5270	36.110	5252.0376	5288.1476	---	---
	Ant1	5310	36.178	5291.9236	5328.1016	---	---
	Ant2	5310	36.203	5291.9497	5328.1527	---	---
	Ant1	5510	36.184	5491.8765	5528.0605	---	---
	Ant2	5510	36.184	5491.8424	5528.0264	---	---
	Ant1	5550	36.307	5531.8438	5568.1508	---	---
	Ant2	5550	36.073	5532.0006	5568.0736	---	---
	Ant1	5670	36.265	5651.9118	5688.1768	---	---
	Ant2	5670	36.065	5651.9320	5687.9970	---	---
	Ant1	5755	36.325	5736.8916	5773.2166	---	---
	Ant2	5755	36.094	5736.9212	5773.0152	---	---
	Ant1	5795	36.213	5776.8914	5813.1044	---	---
	Ant2	5795	36.384	5776.8272	5813.2112	---	---
11AC20MIMO	Ant1	5180	17.761	5171.1165	5188.8775	---	---
	Ant2	5180	17.713	5171.2186	5188.9316	---	---
	Ant1	5200	17.808	5191.0613	5208.8693	---	---
	Ant2	5200	17.757	5191.1425	5208.8995	---	---
	Ant1	5240	17.808	5231.0819	5248.8899	---	---
	Ant2	5240	17.783	5231.0848	5248.8678	---	---
	Ant1	5260	17.783	5251.1083	5268.8913	---	---
	Ant2	5260	17.716	5251.1588	5268.8748	---	---
	Ant1	5280	17.749	5271.1236	5288.8726	---	---
	Ant2	5280	17.642	5271.2121	5288.8541	---	---
	Ant1	5320	17.749	5311.1171	5328.8661	---	---
	Ant2	5320	17.803	5311.0404	5328.8434	---	---
	Ant1	5500	17.842	5491.0826	5508.9246	---	---
	Ant2	5500	17.741	5491.0958	5508.8368	---	---
	Ant1	5580	17.840	5571.0736	5588.9136	---	---
	Ant2	5580	17.744	5571.1325	5588.8765	---	---
	Ant1	5700	17.819	5691.0906	5708.9096	---	---
	Ant2	5700	17.694	5691.1228	5708.8168	---	---
	Ant1	5745	17.844	5736.0358	5753.8798	---	---

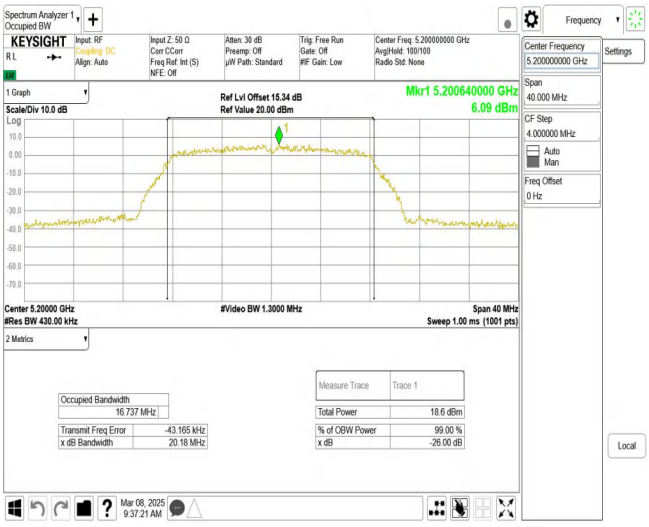
	Ant2	5745	17.732	5736.1675	5753.8995	---	---
	Ant1	5785	17.831	5776.0776	5793.9086	---	---
	Ant2	5785	17.746	5776.0554	5793.8014	---	---
	Ant1	5825	17.799	5816.0779	5833.8769	---	---
	Ant2	5825	17.689	5816.1687	5833.8577	---	---
11AC40MIMO	Ant1	5190	36.169	5171.9314	5208.1004	---	---
	Ant2	5190	36.117	5171.9439	5208.0609	---	---
	Ant1	5230	36.195	5211.8138	5248.0088	---	---
	Ant2	5230	36.148	5211.8796	5248.0276	---	---
	Ant1	5270	36.207	5251.8446	5288.0516	---	---
	Ant2	5270	36.140	5251.8860	5288.0260	---	---
	Ant1	5310	36.216	5291.8096	5328.0256	---	---
	Ant2	5310	36.194	5291.8566	5328.0506	---	---
	Ant1	5510	36.192	5491.8540	5528.0460	---	---
	Ant2	5510	36.144	5492.0052	5528.1492	---	---
	Ant1	5550	36.075	5531.9638	5568.0388	---	---
	Ant2	5550	36.045	5532.0205	5568.0655	---	---
	Ant1	5670	36.216	5651.9755	5688.1915	---	---
	Ant2	5670	36.080	5651.9171	5687.9971	---	---
	Ant1	5755	36.184	5736.9120	5773.0960	---	---
	Ant2	5755	35.969	5736.9904	5772.9594	---	---
	Ant1	5795	36.140	5776.9352	5813.0752	---	---
	Ant2	5795	36.398	5776.7987	5813.1967	---	---
11AC80MIMO	Ant1	5210	75.471	5172.2046	5247.6756	---	---
	Ant2	5210	75.357	5172.2932	5247.6502	---	---
	Ant1	5290	75.497	5252.1740	5327.6710	---	---
	Ant2	5290	74.849	5252.5392	5327.3882	---	---
	Ant1	5530	75.722	5492.0816	5567.8036	---	---
	Ant2	5530	75.630	5492.1280	5567.7580	---	---
	Ant1	5610	75.664	5572.1334	5647.7974	---	---
	Ant2	5610	75.885	5572.0440	5647.9290	---	---
	Ant1	5775	75.557	5737.3051	5812.8621	---	---
	Ant2	5775	75.496	5737.2550	5812.7510	---	---

Test Graphs

11A_Ant1_5180

11A_Ant2_5180

11A_Ant1_5200



11A_Ant2_5200

11A_Ant1_5240

11A_Ant2_5240

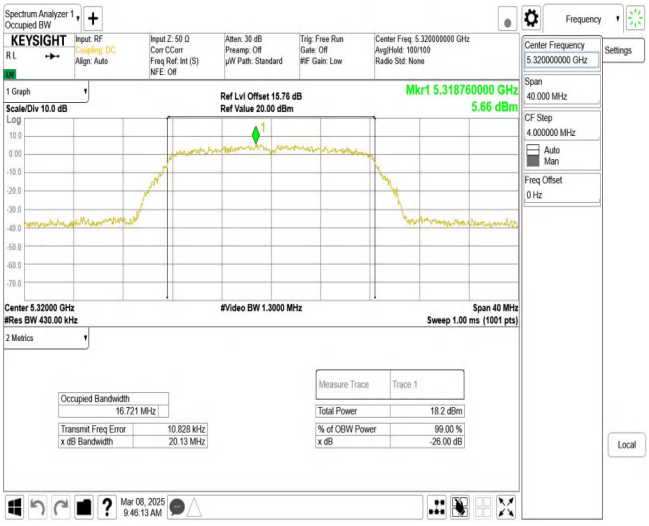
11A_Ant1_5260

11A_Ant2_5260

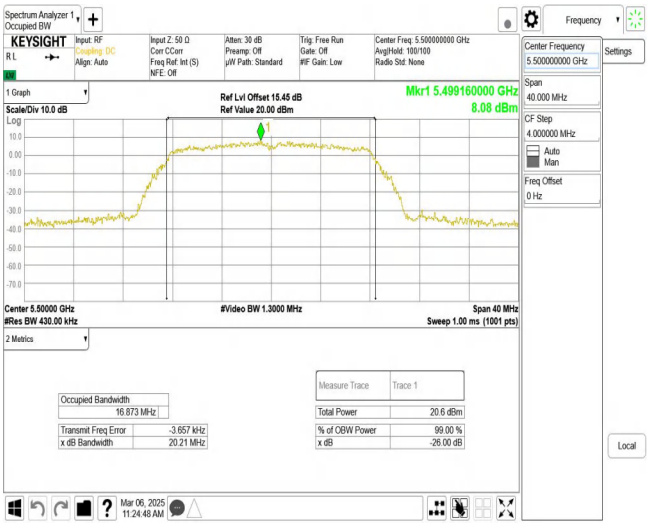
11A_Ant1_5280

11A_Ant2_5280

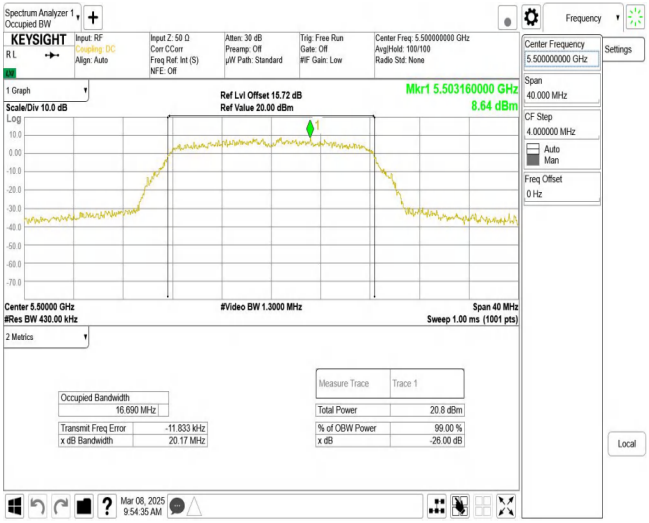
11A_Ant1_5320



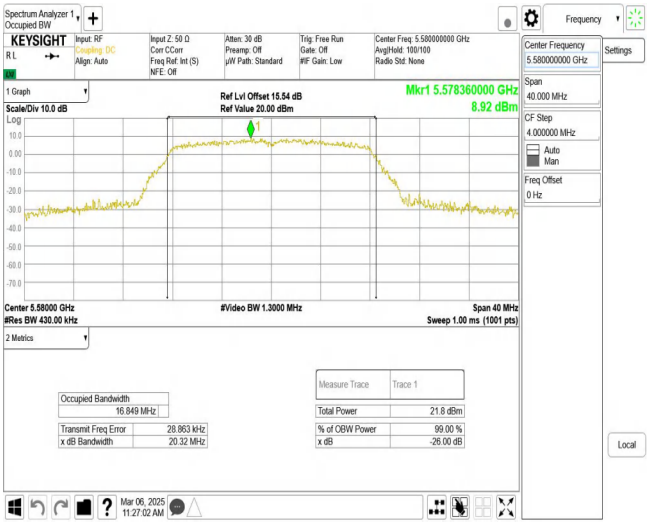
11A_Ant2_5320



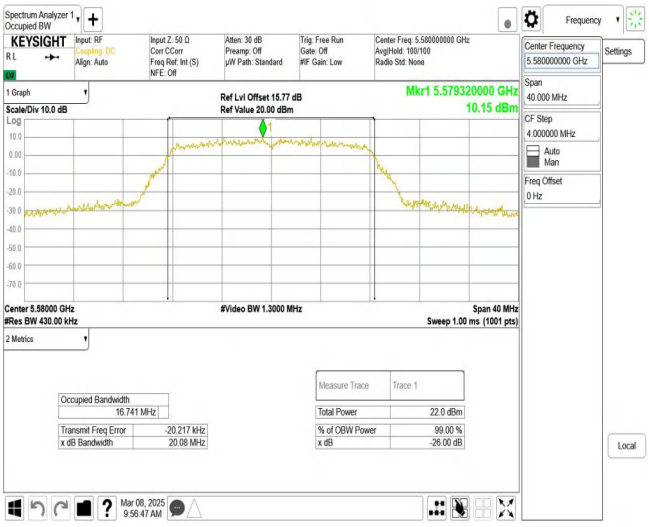
11A_Ant1_5500



11A_Ant2_5500



11A_Ant1_5580



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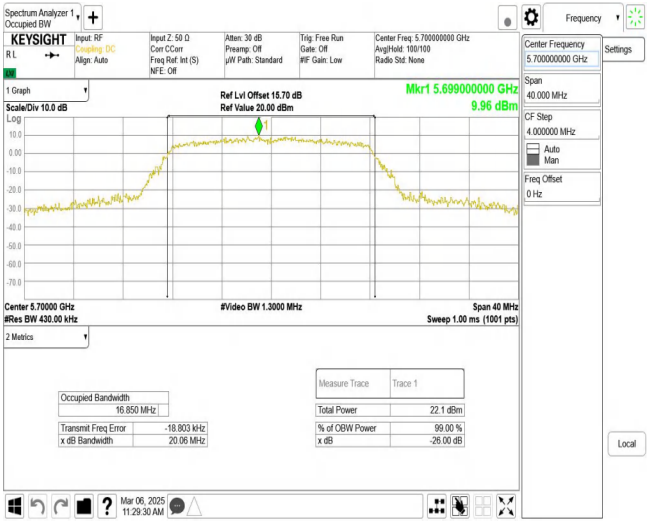
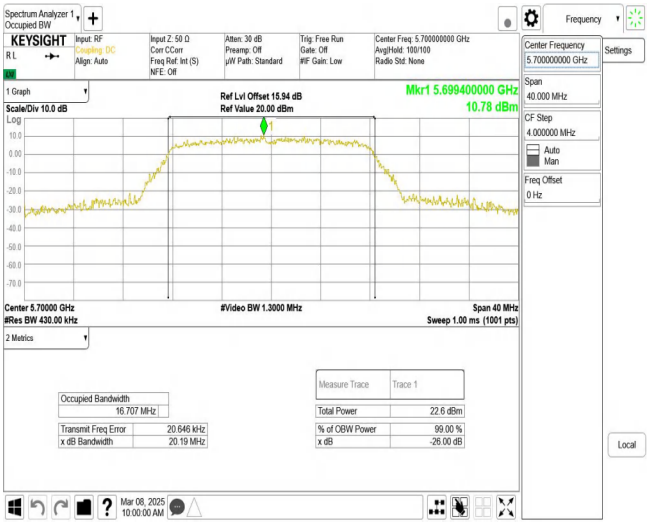


11A_Ant1_5700



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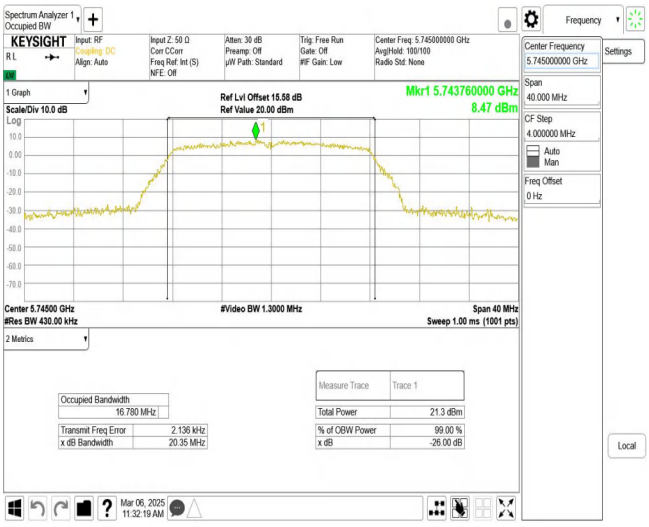
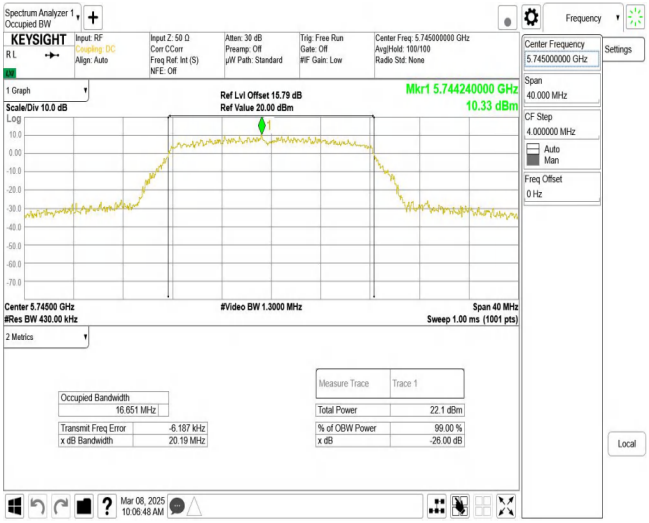
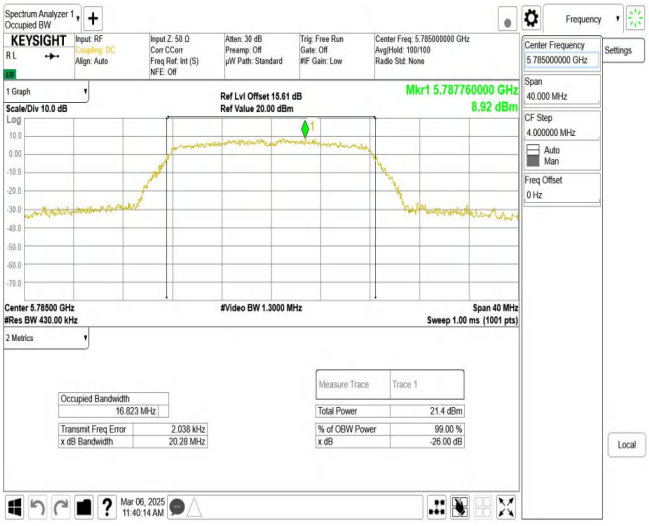


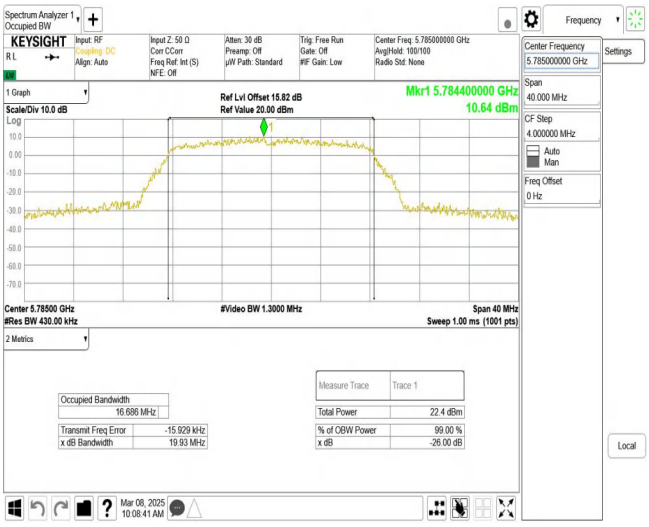
11A_Ant1_5745



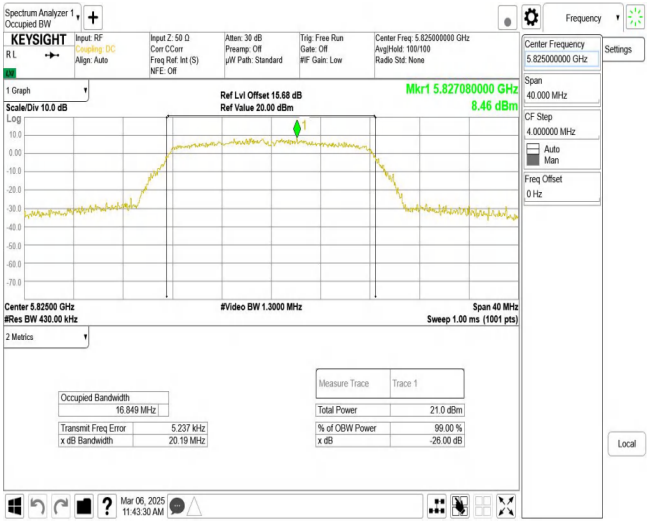
11A_Ant2_5745



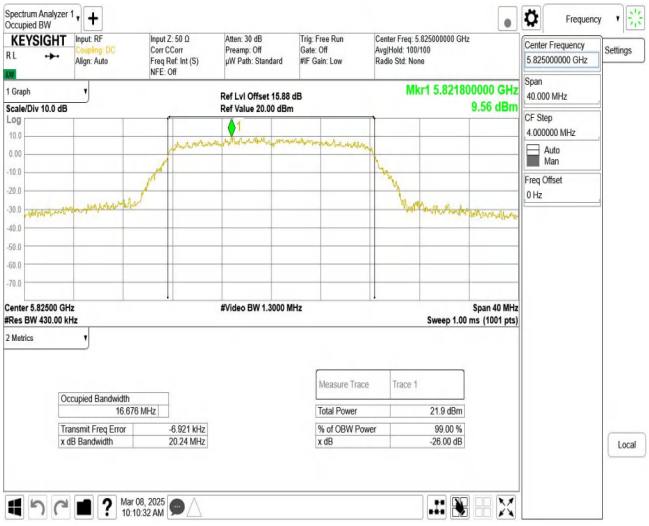
11A_Ant1_5785



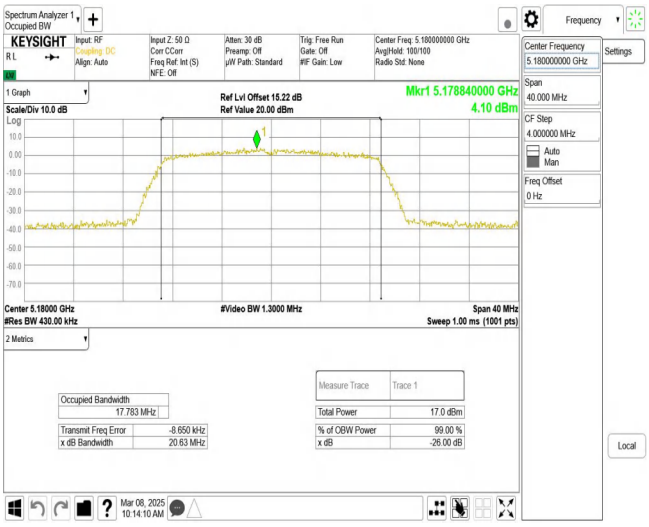
11A_Ant2_5785



11A_Ant1_5825



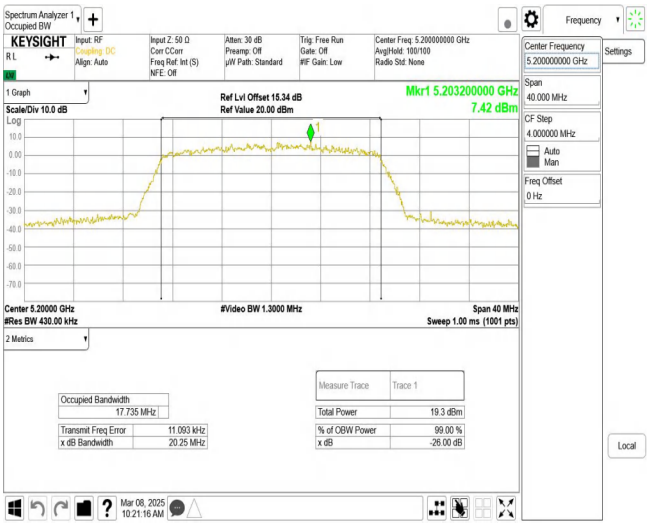
11A_Ant2_5825



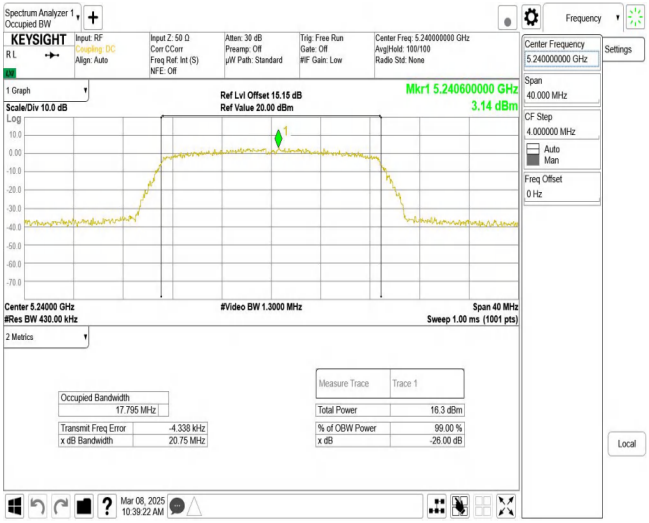
11N20MIMO_Ant1_5180

11N20MIMO_Ant2_5180

11N20MIMO_Ant1_5200



11N20MIMO_Ant2_5200



11N20MIMO_Ant1_5240

11N20MIMO_Ant2_5240