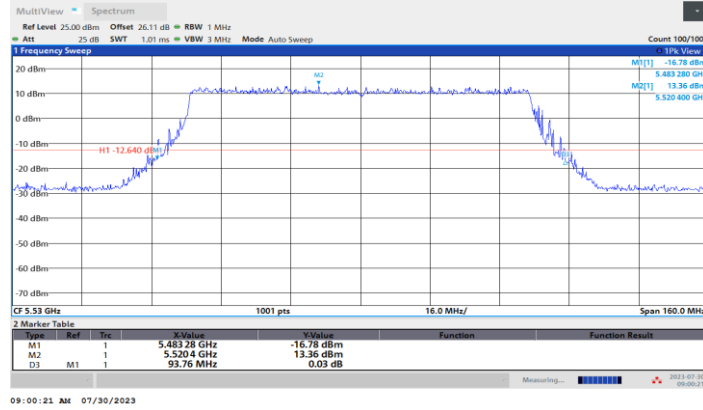
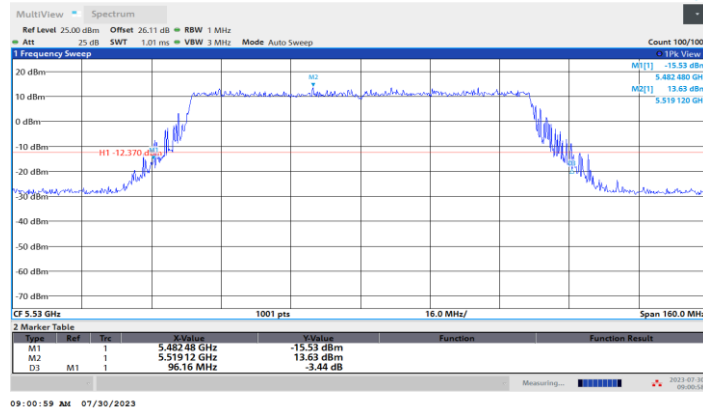
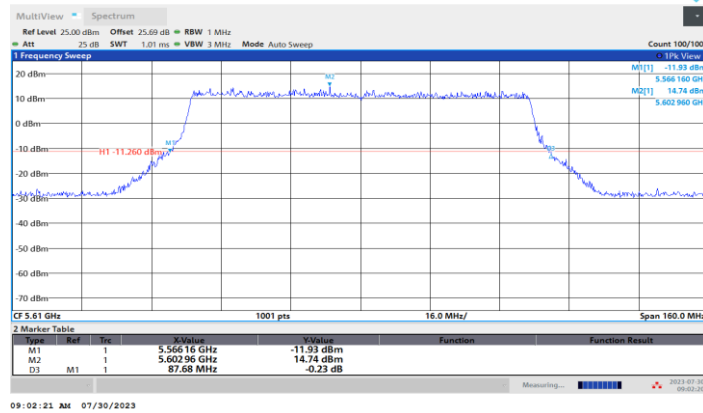




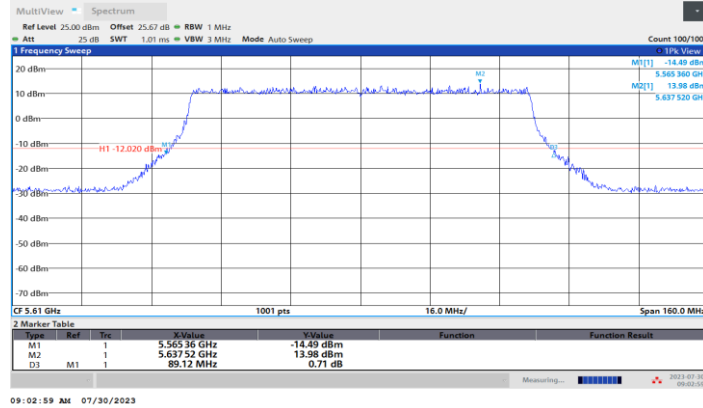
11BE80MIMO_Ant1_5530



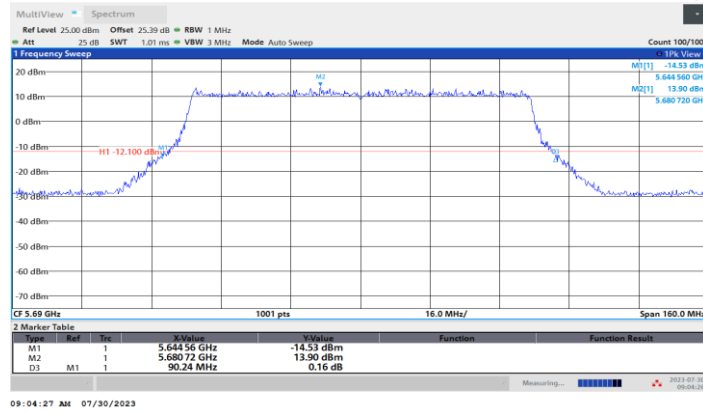
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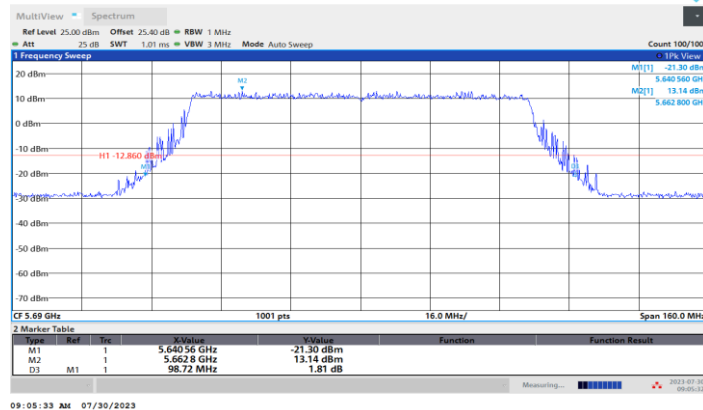
11BE80MIMO_Ant1_5610



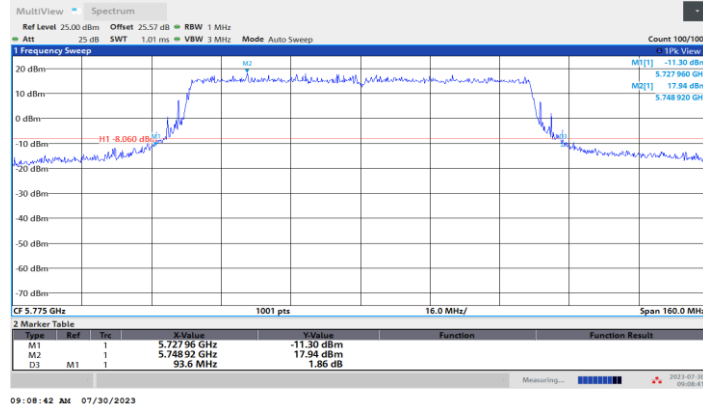
11BE80MIMO_Ant2_5610



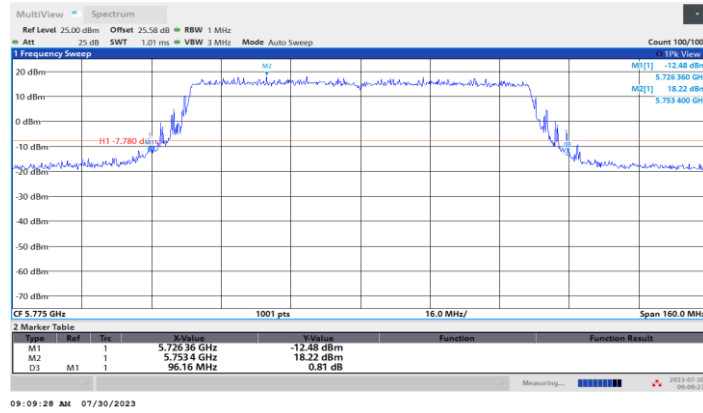
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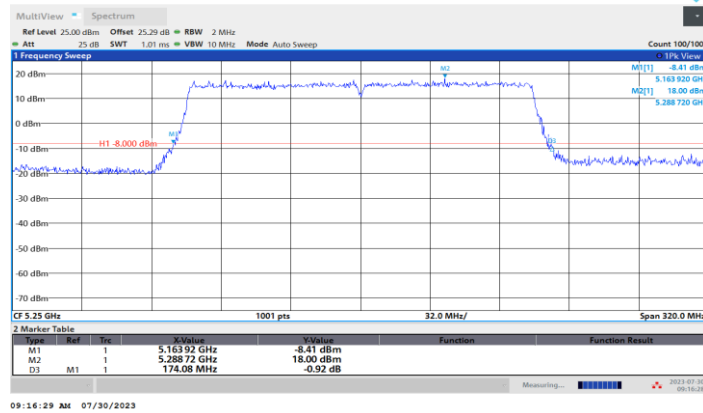
11BE80MIMO_Ant2_5690



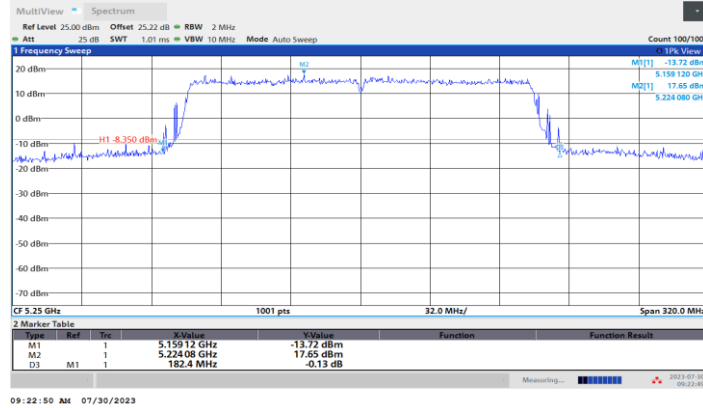
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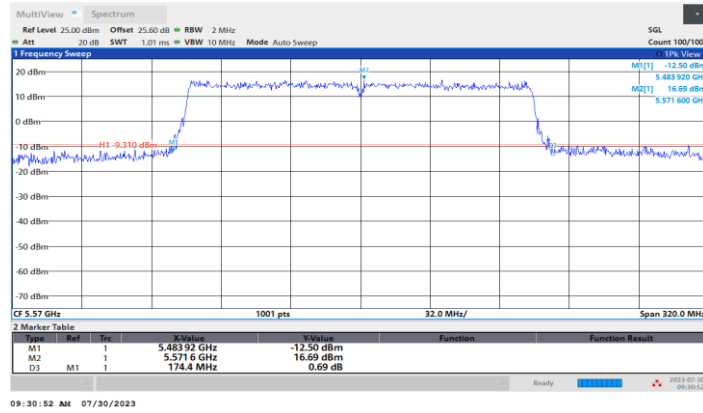
11BE80MIMO_Ant2_5775



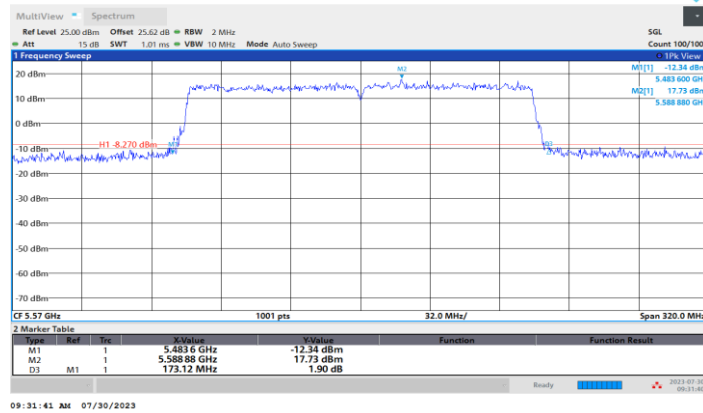
11BE160MIMO_Ant1_5250



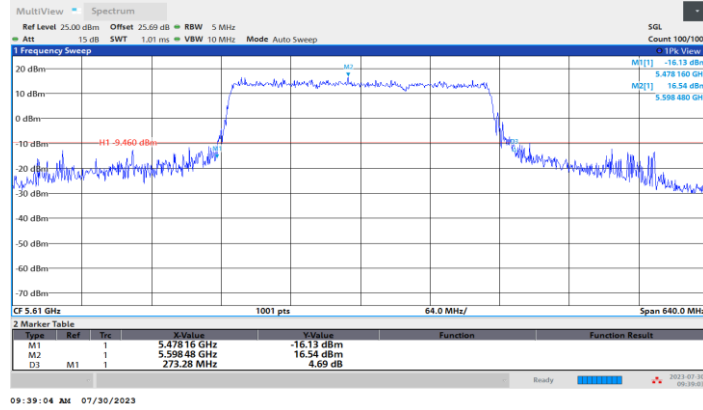
11BE160MIMO_Ant2_5250



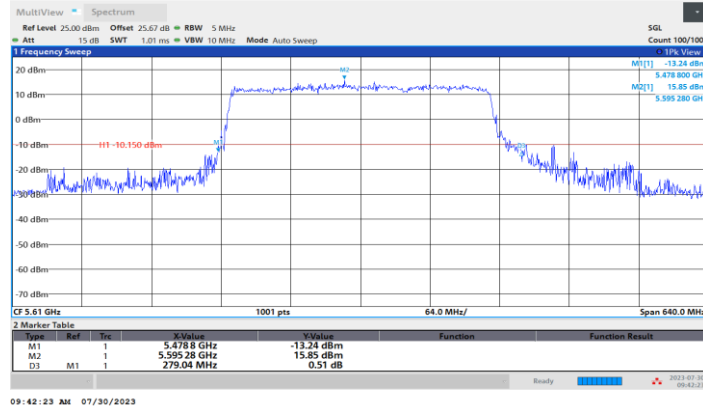
11BE160MIMO_Ant1_5570



11BE160MIMO_Ant2_5570



11BE240MIMO_Ant1_5610



11BE240MIMO_Ant2_5610

11.2. APPENDIX B: OCCUPIED CHANNEL BANDWIDTH

11.2.1. Test Result

Test Mode	Antenna	Frequency[MHz]	OCB [MHz]	FL[MHz]	FH[MHz]	Verdict
11A-CDD	Ant1	5180	17.307	5171.2304	5188.5374	PASS
	Ant2	5180	17.127	5171.3898	5188.5168	PASS
	Ant1	5200	17.372	5191.2595	5208.6315	PASS
	Ant2	5200	17.169	5191.4034	5208.5724	PASS
	Ant1	5240	17.310	5231.2703	5248.5803	PASS
	Ant2	5240	17.103	5231.4102	5248.5132	PASS
	Ant1	5260	17.273	5251.2988	5268.5718	PASS
	Ant2	5260	17.141	5251.3866	5268.5276	PASS
	Ant1	5280	17.347	5271.2404	5288.5874	PASS
	Ant2	5280	17.123	5271.3856	5288.5086	PASS
	Ant1	5320	17.366	5311.2537	5328.6197	PASS
	Ant2	5320	17.135	5311.4009	5328.5359	PASS
	Ant1	5500	17.285	5491.2676	5508.5526	PASS
	Ant2	5500	17.114	5491.4519	5508.5659	PASS
	Ant1	5580	17.305	5571.3041	5588.6091	PASS
	Ant2	5580	17.132	5571.4100	5588.5420	PASS
	Ant1	5700	17.333	5691.2353	5708.5683	PASS
	Ant2	5700	17.099	5691.4039	5708.5029	PASS
	Ant1	5720	17.377	5711.2134	5728.5904	PASS
	Ant2	5720	17.129	5711.3836	5728.5126	PASS
	Ant1	5720 UNII-2C	13.787	5711.2134	5725	PASS
	Ant2	5720 UNII-2C	13.616	5711.3836	5725	PASS
	Ant1	5720 UNII-3	3.59	5725	5728.5904	PASS
	Ant2	5720 UNII-3	3.513	5725	5728.5126	PASS
	Ant1	5745	17.393	5736.2507	5753.6437	PASS
	Ant2	5745	17.214	5736.3333	5753.5473	PASS
	Ant1	5785	17.398	5776.2048	5793.6028	PASS
	Ant2	5785	17.221	5776.3326	5793.5536	PASS
	Ant1	5825	17.311	5816.2442	5833.5552	PASS
	Ant2	5825	17.157	5816.3531	5833.5101	PASS
11AC20MIMO	Ant1	5180	18.622	5170.6700	5189.2921	PASS
	Ant2	5180	18.573	5170.7109	5189.2844	PASS
	Ant1	5200	18.595	5190.6270	5209.2218	PASS
	Ant2	5200	18.473	5190.7544	5209.2277	PASS
	Ant1	5240	18.582	5230.6572	5249.2396	PASS
	Ant2	5240	18.429	5230.7561	5249.1855	PASS
	Ant1	5260	18.523	5250.6749	5269.1980	PASS
	Ant2	5260	18.452	5250.7327	5269.1842	PASS
	Ant1	5280	18.55	5270.6611	5289.2108	PASS
	Ant2	5280	18.426	5270.7506	5289.1768	PASS
	Ant1	5320	18.561	5310.6732	5329.2337	PASS
	Ant2	5320	18.416	5310.7770	5329.1927	PASS
	Ant1	5500	18.589	5490.6330	5509.2223	PASS
	Ant2	5500	18.405	5490.7631	5509.1684	PASS
	Ant1	5580	18.582	5570.6419	5589.2237	PASS
	Ant2	5580	18.438	5570.7640	5589.2023	PASS
	Ant1	5700	18.591	5690.6593	5709.2501	PASS
	Ant2	5700	18.435	5690.7473	5709.1826	PASS
	Ant1	5720	18.554	5710.6242	5729.1780	PASS
	Ant2	5720	18.436	5710.7107	5729.1468	PASS
	Ant1	5720 UNII-2C	14.376	5710.6242	5725	PASS
	Ant2	5720 UNII-2C	14.289	5710.7107	5725	PASS
	Ant1	5720 UNII-3	4.178	5725	5729.1780	PASS
	Ant2	5720 UNII-3	4.147	5725	5729.1468	PASS

	Ant1	5745	18.632	5735.6335	5754.2656	PASS
	Ant2	5745	18.507	5735.7175	5754.2249	PASS
	Ant1	5785	18.632	5775.6312	5794.2637	PASS
	Ant2	5785	18.434	5775.7422	5794.1766	PASS
	Ant1	5825	18.554	5815.6199	5834.1742	PASS
	Ant2	5825	18.397	5815.7411	5834.1379	PASS
11AC40MIMO	Ant1	5190	37.681	5171.1143	5208.7956	PASS
	Ant2	5190	37.34	5171.3885	5208.7286	PASS
	Ant1	5230	37.678	5211.1709	5248.8491	PASS
	Ant2	5230	37.258	5211.4337	5248.6921	PASS
	Ant1	5270	37.626	5251.1436	5288.7695	PASS
	Ant2	5270	37.289	5251.3742	5288.6628	PASS
	Ant1	5310	37.694	5291.0830	5328.7770	PASS
	Ant2	5310	37.335	5291.3466	5328.6815	PASS
	Ant1	5510	37.624	5491.0419	5528.6663	PASS
	Ant2	5510	37.471	5491.2813	5528.7521	PASS
	Ant1	5550	37.532	5531.1855	5568.7170	PASS
	Ant2	5550	37.419	5531.3551	5568.7745	PASS
	Ant1	5670	37.613	5651.1144	5688.7273	PASS
	Ant2	5670	37.485	5651.2592	5688.7444	PASS
	Ant1	5710	37.546	5691.0580	5728.6038	PASS
	Ant2	5710	37.377	5691.2160	5728.5926	PASS
	Ant1	5710 UNII-2C	33.942	5691.0580	5725	PASS
	Ant2	5710 UNII-2C	33.784	5691.2160	5725	PASS
	Ant1	5710 UNII-3	3.604	5725	5728.6038	PASS
	Ant2	5710 UNII-3	3.593	5725	5728.5926	PASS
	Ant1	5755	37.719	5736.0949	5773.8144	PASS
	Ant2	5755	37.467	5736.2172	5773.6838	PASS
	Ant1	5795	37.826	5776.0275	5813.8530	PASS
	Ant2	5795	37.525	5776.1799	5813.7045	PASS
11AC80MIMO	Ant1	5210	77.599	5171.1970	5248.7959	PASS
	Ant2	5210	77.347	5171.3562	5248.7030	PASS
	Ant1	5290	77.482	5251.2324	5328.7139	PASS
	Ant2	5290	77.157	5251.3451	5328.5024	PASS
	Ant1	5530	77.769	5490.9627	5568.7319	PASS
	Ant2	5530	77.368	5491.3871	5568.7547	PASS
	Ant1	5610	77.429	5571.1120	5648.5407	PASS
	Ant2	5610	77.025	5571.4928	5648.5175	PASS
	Ant1	5690	77.385	5651.1978	5728.5827	PASS
	Ant2	5690	77.067	5651.3625	5728.4291	PASS
	Ant1	5690 UNII-2C	73.802	5651.1978	5725	PASS
	Ant2	5690 UNII-2C	73.637	5651.3625	5725	PASS
	Ant1	5690 UNII-3	3.583	5725	5728.5827	PASS
	Ant2	5690 UNII-3	3.429	5725	5728.4291	PASS
	Ant1	5775	77.421	5736.1880	5813.6090	PASS
	Ant2	5775	77.333	5736.2461	5813.5794	PASS
11AC160MIMO	Ant1	5250	158.131	5171.2224	5329.3538	PASS
	Ant2	5250	157.32	5171.4445	5328.7642	PASS
	Ant1	5250 UNII-1	78.778	5171.2224	5250	PASS
	Ant2	5250 UNII-1	78.556	5171.4445	5250	PASS
	Ant1	5250 UNII-2A	79.354	5250	5329.3538	PASS
	Ant2	5250 UNII-2A	78.764	5250	5328.7642	PASS
	Ant1	5570	158.088	5490.6663	5648.7539	PASS
	Ant2	5570	157.48	5491.4873	5648.9671	PASS
11BE20MIMO	Ant1	5180	19.239	5170.3671	5189.6061	PASS
	Ant2	5180	19.303	5170.3547	5189.6577	PASS
	Ant1	5200	19.283	5190.3730	5209.6560	PASS
	Ant2	5200	19.288	5190.3813	5209.6693	PASS
	Ant1	5240	19.227	5230.4061	5249.6331	PASS
	Ant2	5240	19.420	5230.2861	5249.7061	PASS
	Ant1	5260	19.202	5250.3919	5269.5939	PASS

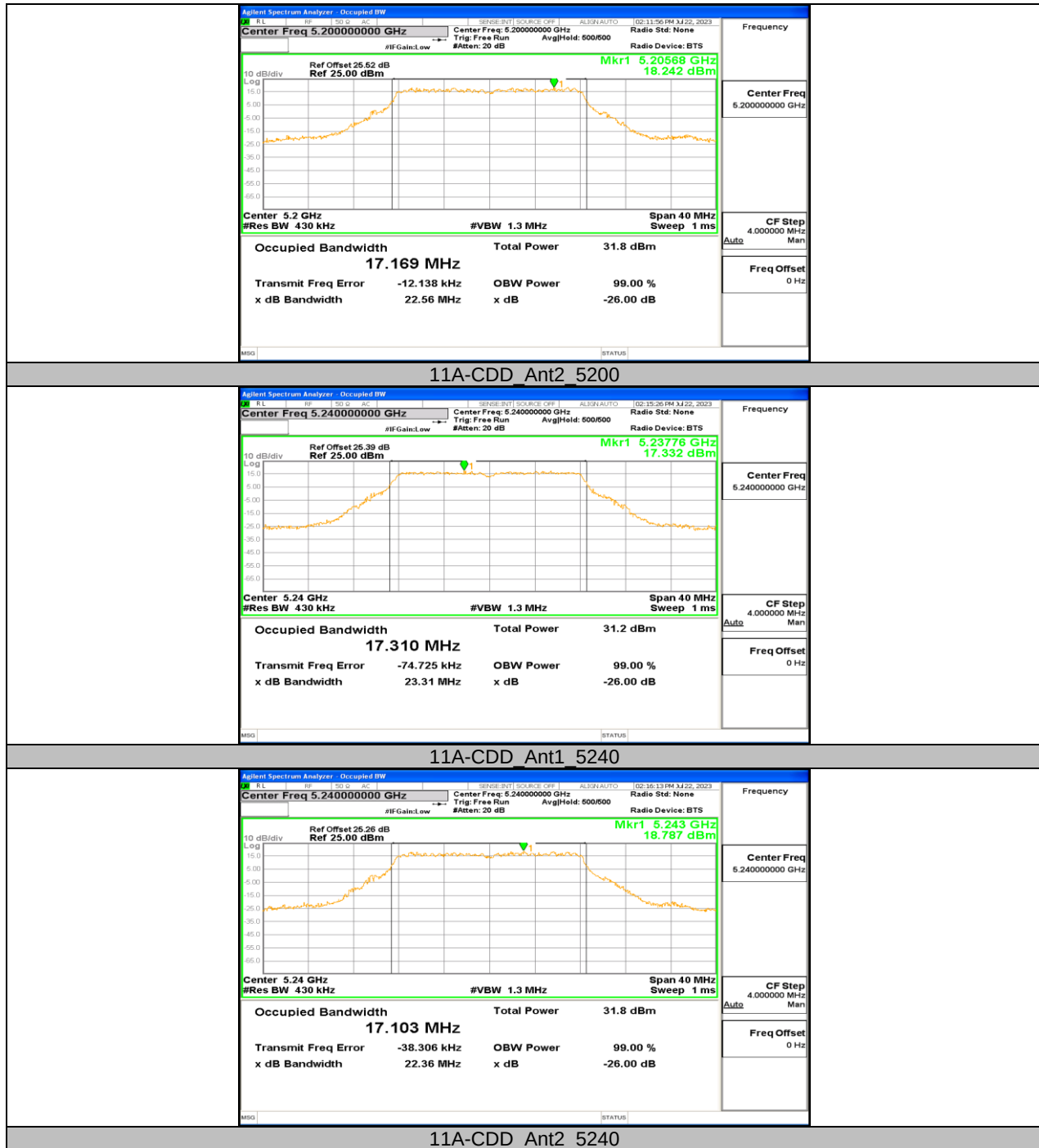
	Ant2	5260	19.318	5250.3368	5269.6548	PASS
	Ant1	5280	19.209	5270.3925	5289.6015	PASS
	Ant2	5280	19.293	5270.3664	5289.6594	PASS
	Ant1	5320	19.241	5310.3970	5329.6380	PASS
	Ant2	5320	19.356	5310.3090	5329.6650	PASS
	Ant1	5500	19.252	5490.3683	5509.6203	PASS
	Ant2	5500	19.261	5490.3976	5509.6586	PASS
	Ant1	5580	19.365	5570.3222	5589.6872	PASS
	Ant2	5580	19.291	5570.3671	5589.6581	PASS
	Ant1	5700	19.242	5690.3684	5709.6104	PASS
	Ant2	5700	19.318	5690.3377	5709.6557	PASS
	Ant1	5720	19.258	5710.3427	5729.6007	PASS
	Ant2	5720	19.251	5710.3678	5729.6188	PASS
	Ant1	5720 UNII-2C	14.657	5710.3427	5725	PASS
	Ant2	5720 UNII-2C	14.632	5710.3678	5725	PASS
	Ant1	5720 UNII-3	4.601	5725	5729.6007	PASS
	Ant2	5720 UNII-3	4.619	5725	5729.6188	PASS
	Ant1	5745	19.434	5735.2493	5754.6833	PASS
	Ant2	5745	19.408	5735.2157	5754.6237	PASS
	Ant1	5785	19.314	5775.3239	5794.6379	PASS
	Ant2	5785	19.296	5775.3423	5794.6383	PASS
	Ant1	5825	19.229	5815.3839	5834.6129	PASS
	Ant2	5825	19.287	5815.3507	5834.6377	PASS
11BE40MIMO	Ant1	5190	38.67	5170.6441	5209.3140	PASS
	Ant2	5190	38.927	5170.5940	5209.5207	PASS
	Ant1	5230	38.665	5210.6905	5249.3554	PASS
	Ant2	5230	38.565	5210.7531	5249.3186	PASS
	Ant1	5270	38.799	5250.5973	5289.3961	PASS
	Ant2	5270	38.54	5250.6973	5289.2377	PASS
	Ant1	5310	38.609	5290.7013	5329.3101	PASS
	Ant2	5310	38.561	5290.6728	5329.2340	PASS
	Ant1	5510	38.534	5490.6602	5529.1945	PASS
	Ant2	5510	38.483	5490.7675	5529.2507	PASS
	Ant1	5550	38.587	5530.6792	5569.2664	PASS
	Ant2	5550	38.754	5530.6625	5569.4161	PASS
	Ant1	5670	38.549	5650.6746	5689.2233	PASS
	Ant2	5670	38.708	5650.6231	5689.3313	PASS
	Ant1	5710	38.576	5690.6377	5729.2133	PASS
	Ant2	5710	38.525	5690.6962	5729.2211	PASS
	Ant1	5710 UNII-2C	34.362	5690.6377	5725	PASS
	Ant2	5710 UNII-2C	34.304	5690.6962	5725	PASS
	Ant1	5710 UNII-3	4.213	5725	5729.2133	PASS
	Ant2	5710 UNII-3	4.221	5725	5729.2211	PASS
	Ant1	5755	38.581	5735.7309	5774.3118	PASS
	Ant2	5755	38.705	5735.6662	5774.3708	PASS
	Ant1	5795	38.982	5775.4731	5814.4552	PASS
	Ant2	5795	38.646	5775.6708	5814.3169	PASS
11BE80MIMO	Ant1	5210	80.989	5169.5992	5250.5886	PASS
	Ant2	5210	78.448	5170.8453	5249.2936	PASS
	Ant1	5290	78.61	5250.7129	5329.3233	PASS
	Ant2	5290	78.539	5250.6821	5329.2214	PASS
	Ant1	5530	79.345	5490.3924	5569.7371	PASS
	Ant2	5530	79.396	5490.4415	5569.8373	PASS
	Ant1	5610	79.007	5570.3827	5649.3892	PASS
	Ant2	5610	79.165	5570.4455	5649.6101	PASS
	Ant1	5690	78.656	5650.5083	5729.1639	PASS
	Ant2	5690	78.498	5650.6314	5729.1290	PASS
	Ant1	5690 UNII-2C	74.492	5650.5083	5725	PASS
	Ant2	5690 UNII-2C	74.369	5650.6314	5725	PASS
	Ant1	5690 UNII-3	4.164	5725	5729.1639	PASS
	Ant2	5690 UNII-3	4.129	5725	5729.1290	PASS

	Ant1	5775	78.836	5735.6447	5814.4808	PASS
	Ant2	5775	78.559	5735.7012	5814.2605	PASS
11BE160MIMO	Ant1	5250	159.289	5170.6477	5329.9366	PASS
	Ant2	5250	159.318	5170.5009	5329.8184	PASS
	Ant1	5250 UNII-1	79.352	5170.6477	5250	PASS
	Ant2	5250 UNII-1	79.499	5170.5009	5250	PASS
	Ant1	5250 UNII-2A	79.937	5250	5329.9366	PASS
	Ant2	5250 UNII-2A	79.818	5250	5329.8184	PASS
	Ant1	5570	159.995	5489.7787	5649.7733	PASS
	Ant2	5570	160.783	5489.8285	5650.6116	PASS
11BE240MIMO	Ant1	5610	260.388	5485.8629	5746.2510	PASS
	Ant2	5610	243.724	5489.4773	5733.2015	PASS
	Ant1	5610 UNII-2C	239.137	5485.8629	5725	PASS
	Ant2	5610 UNII-2C	235.523	5489.4773	5725	PASS
	Ant1	5610 UNII-3	21.251	5725	5746.2510	PASS
	Ant2	5610 UNII-3	8.202	5725	5733.2015	PASS

Note: All the mode had been test, but only the worst data was recorded in the report.

11.2.2. Test Graphs





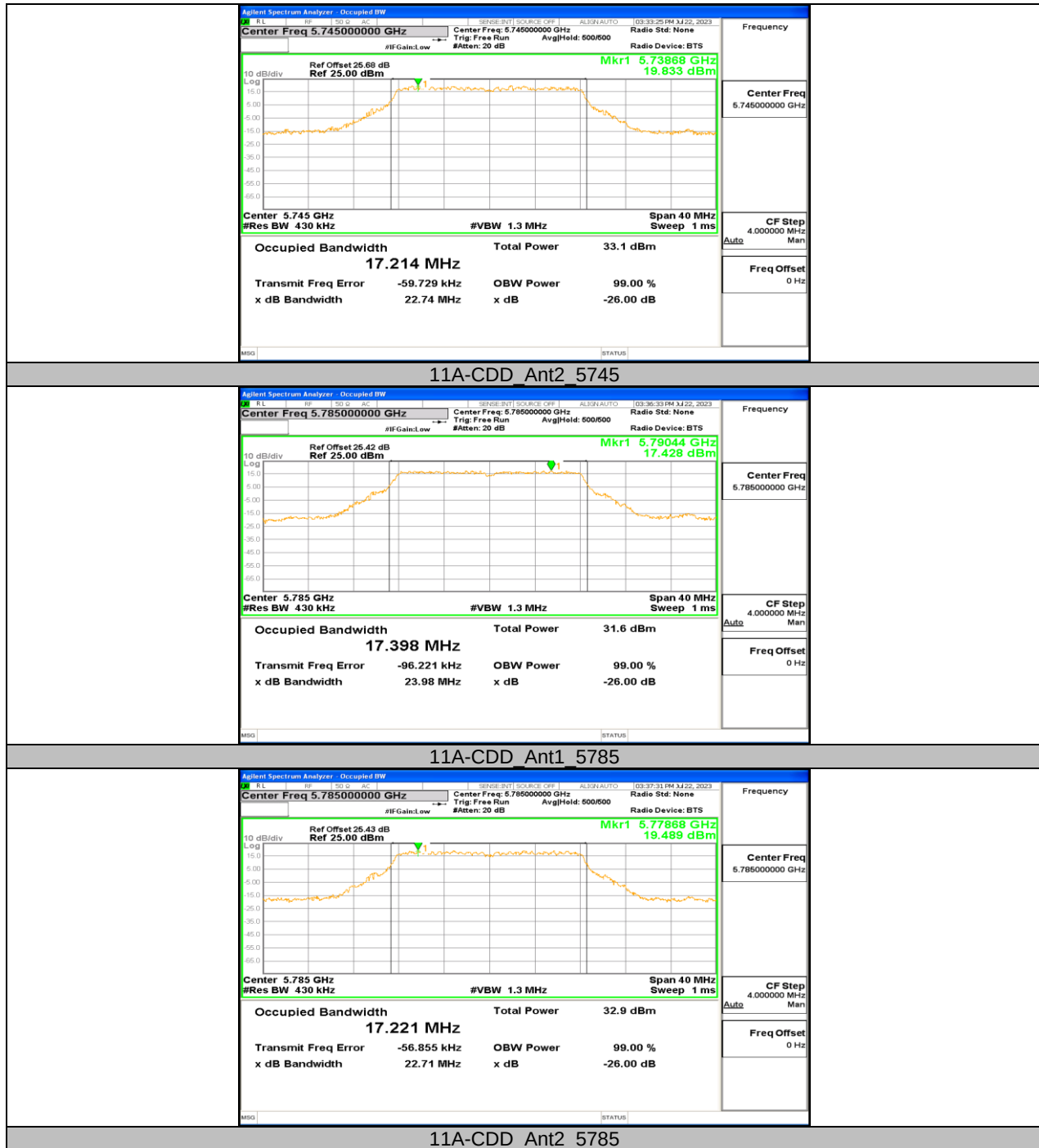


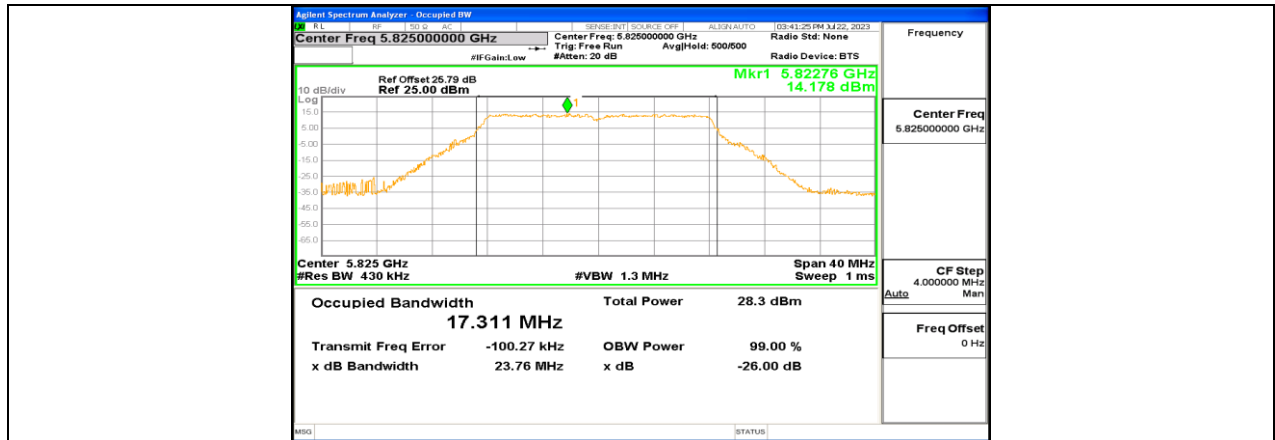




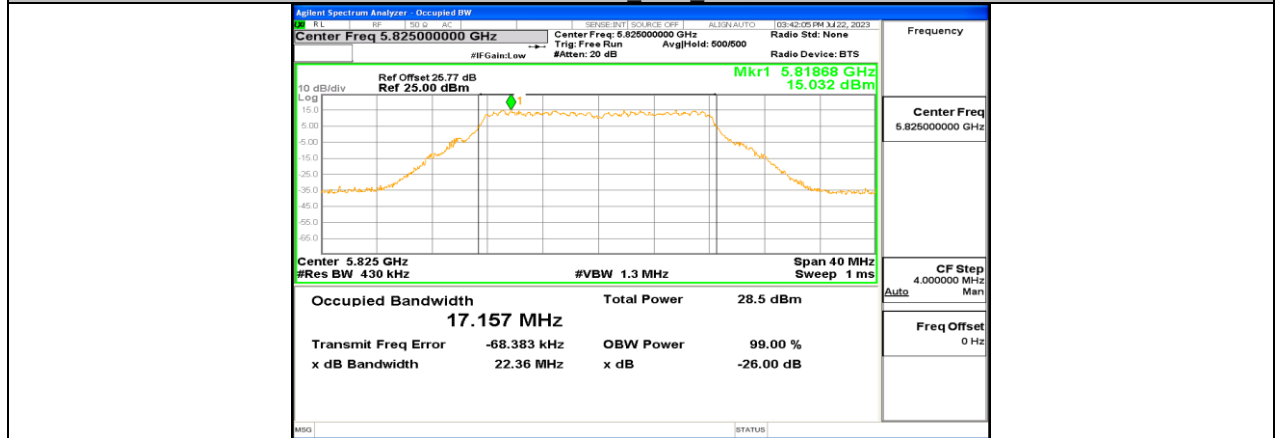




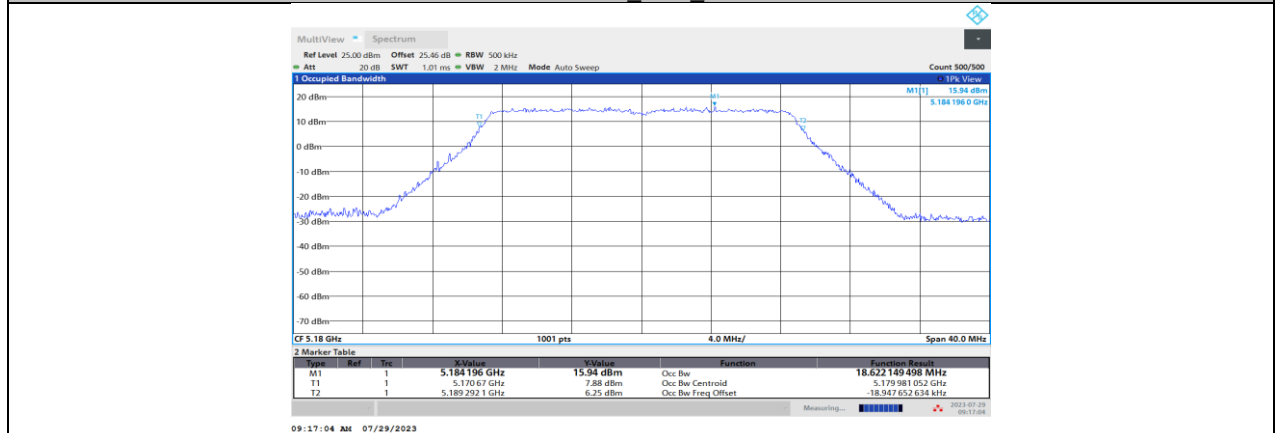




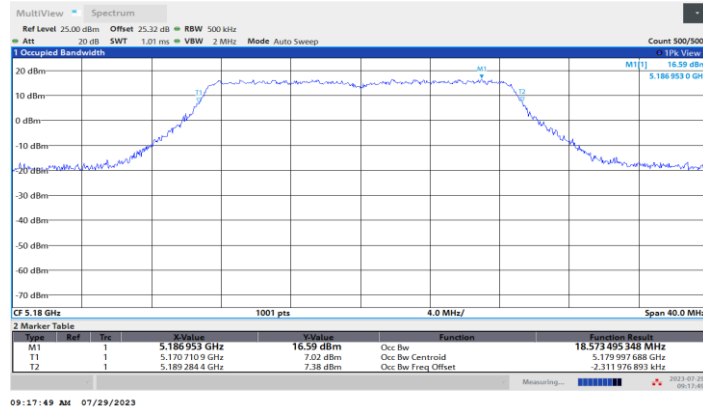
11A-CDD Ant1 5825



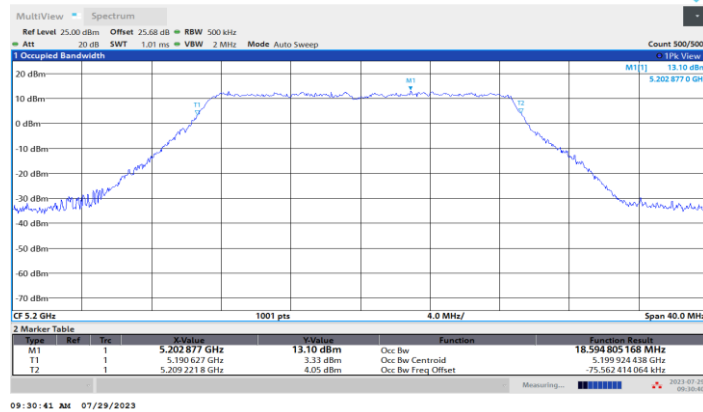
11A-CDD Ant2 5825



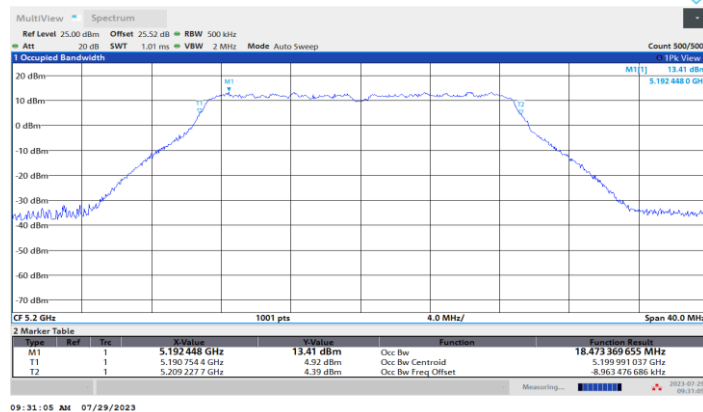
11AC20MIMO Ant1 5180



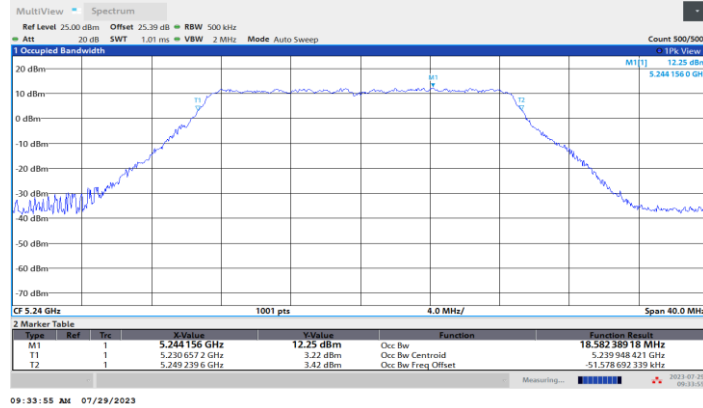
11AC20MIMO_Ant2_5180



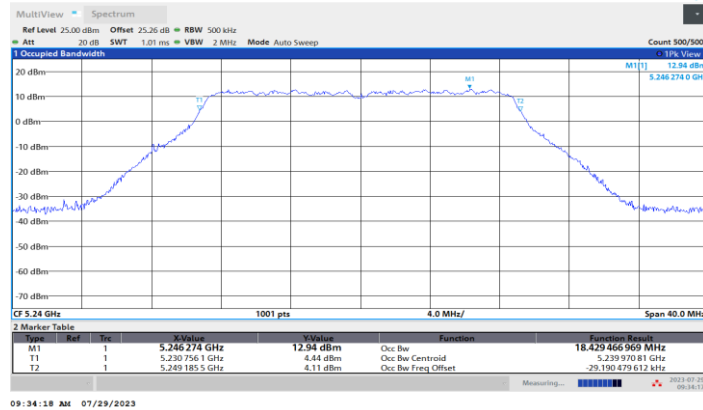
11AC20MIMO_Ant1_5200



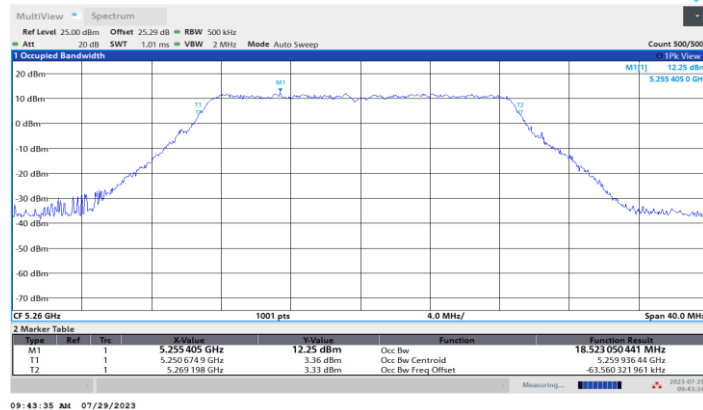
11AC20MIMO_Ant2_5200



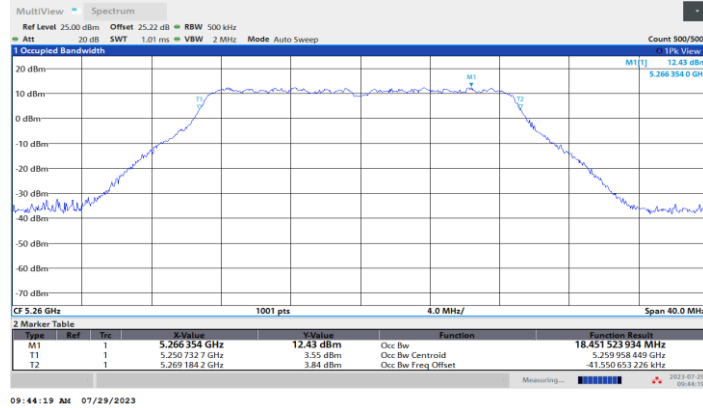
11AC20MIMO_Ant1_5240



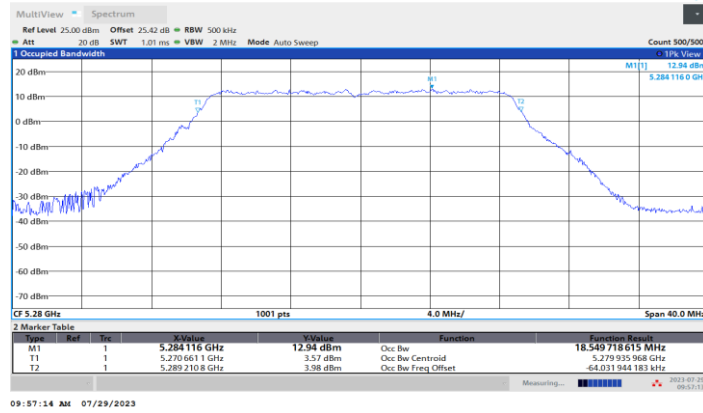
11AC20MIMO_Ant2_5240



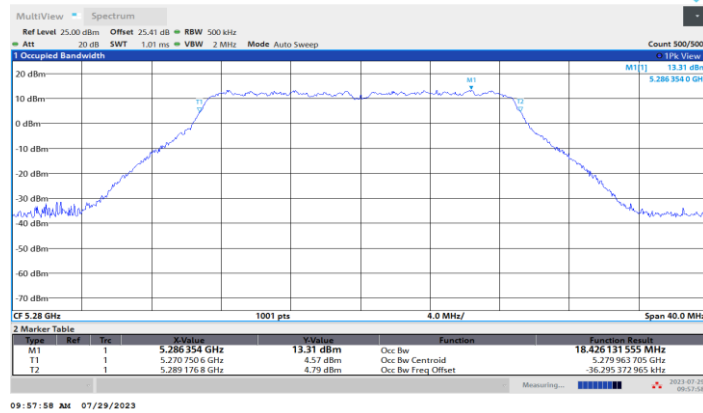
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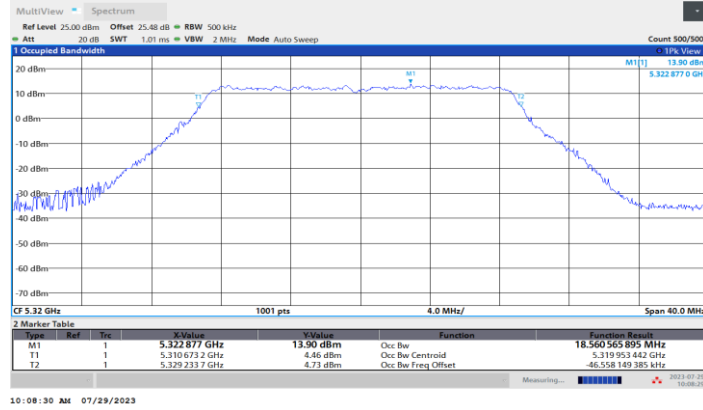
11AC20MIMO_Ant2_5260



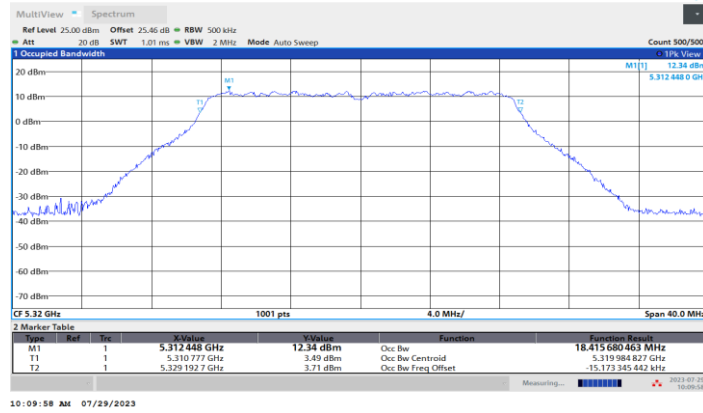
11AC20MIMO_Ant1_5280



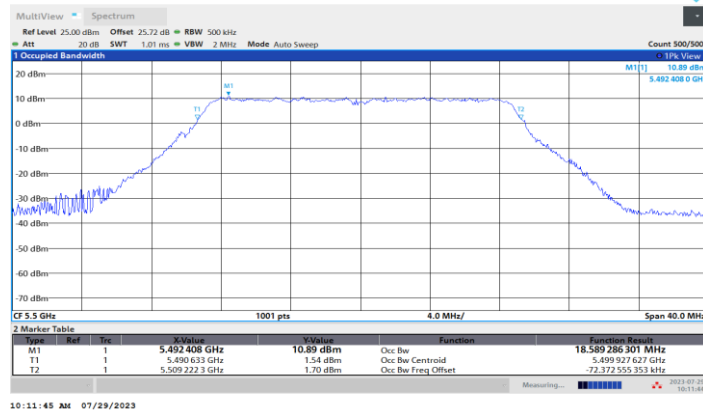
11AC20MIMO_Ant2_5280



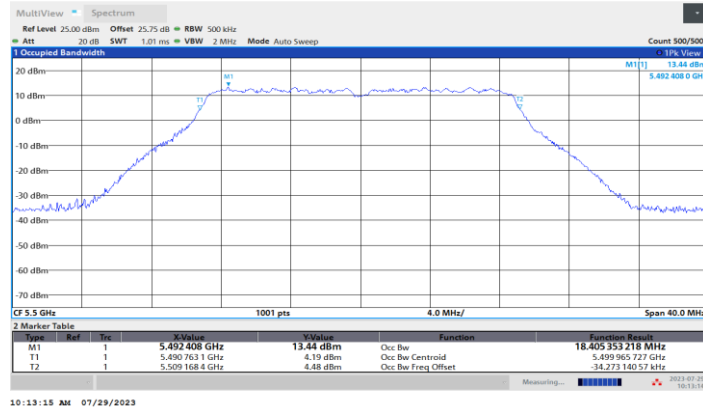
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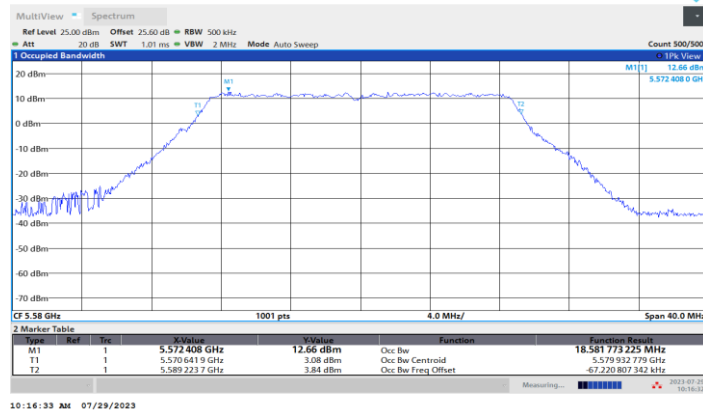
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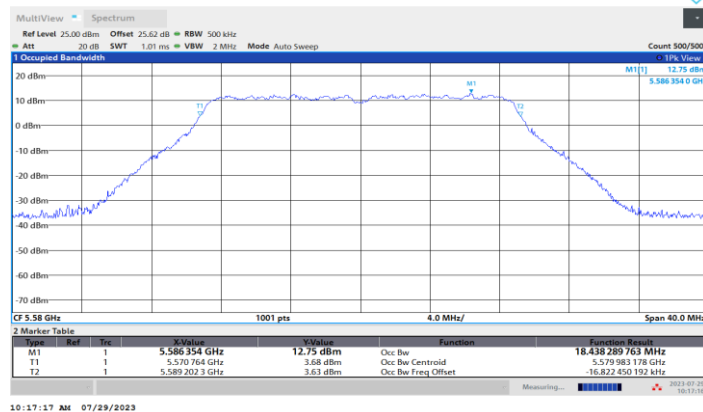
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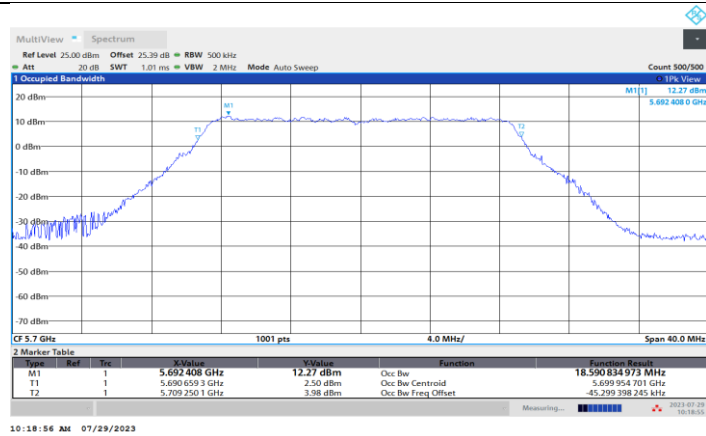
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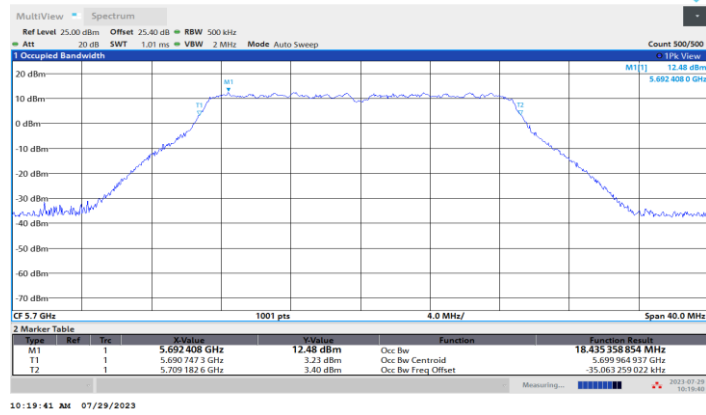
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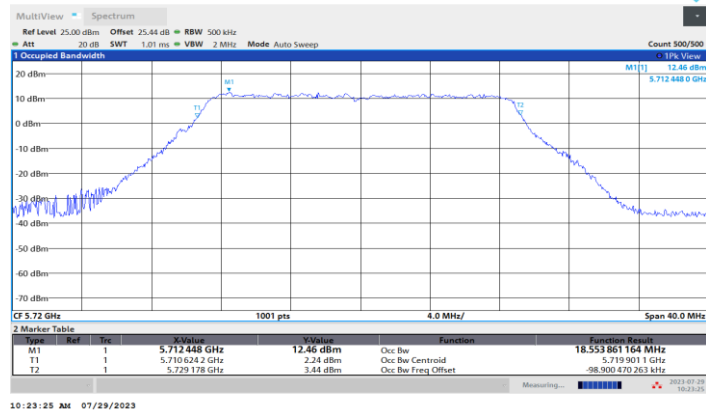
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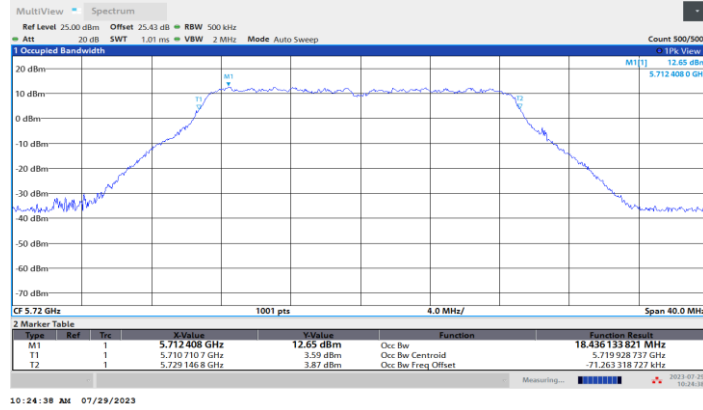
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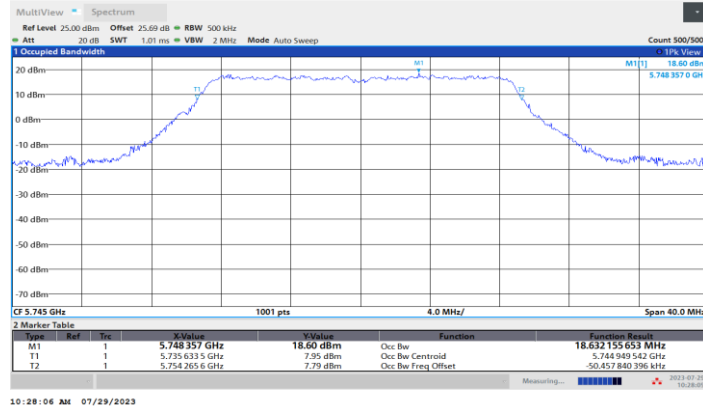
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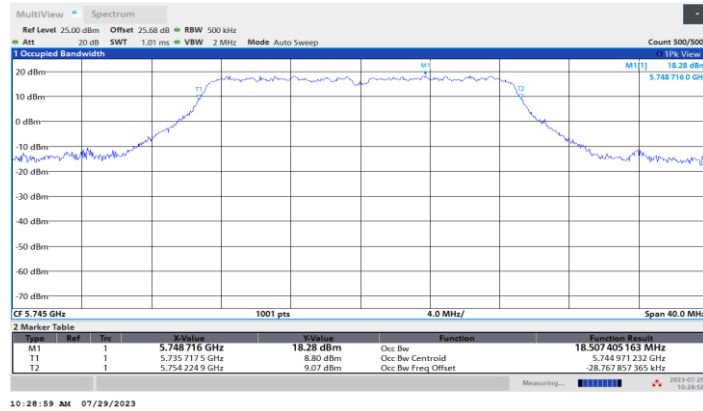
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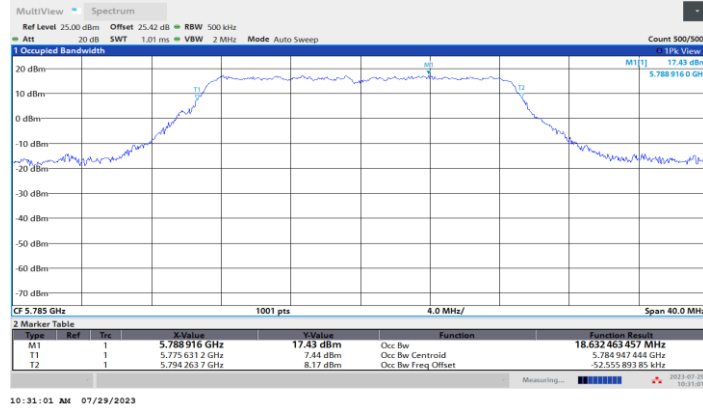
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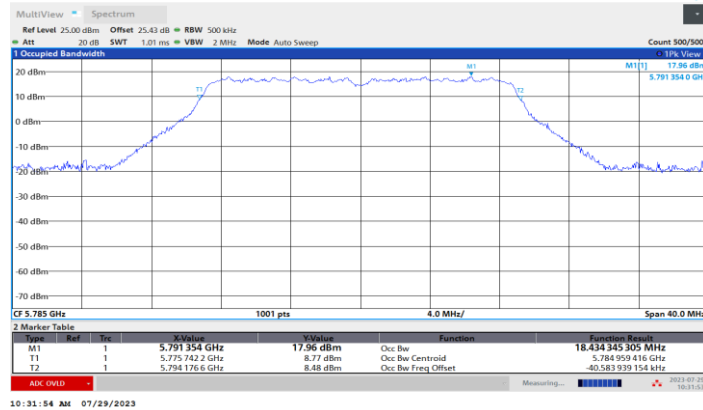
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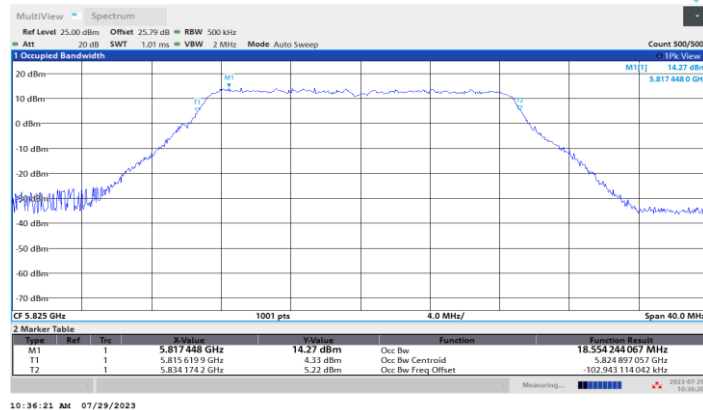
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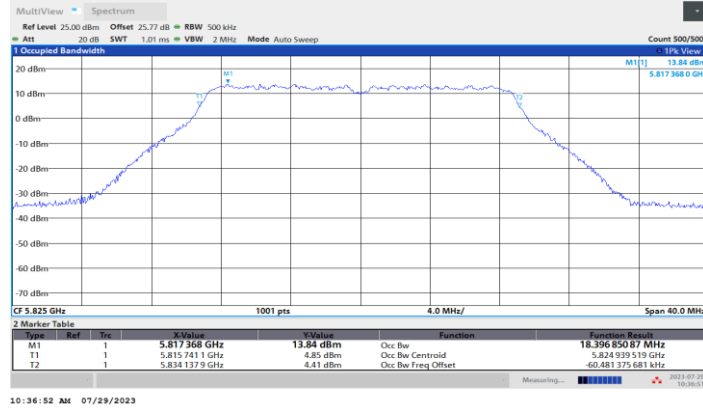
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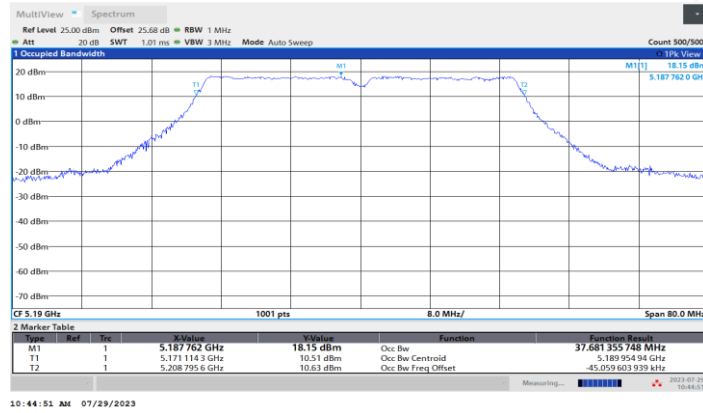
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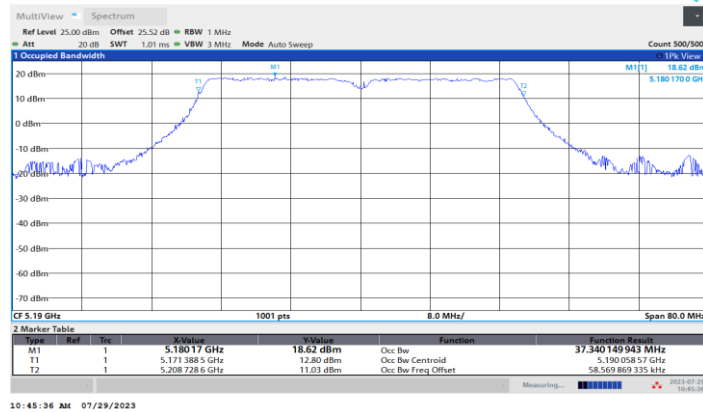
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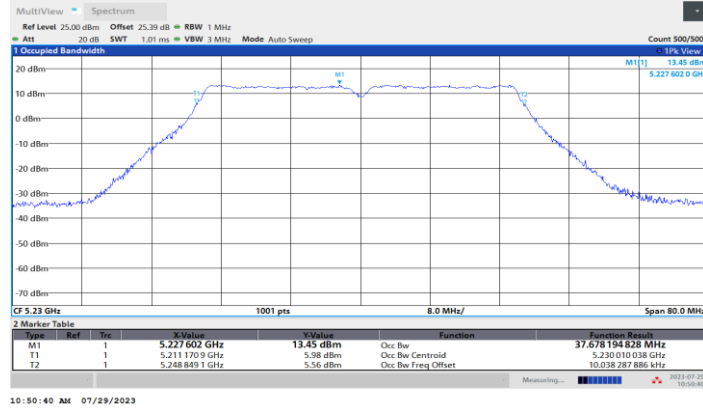
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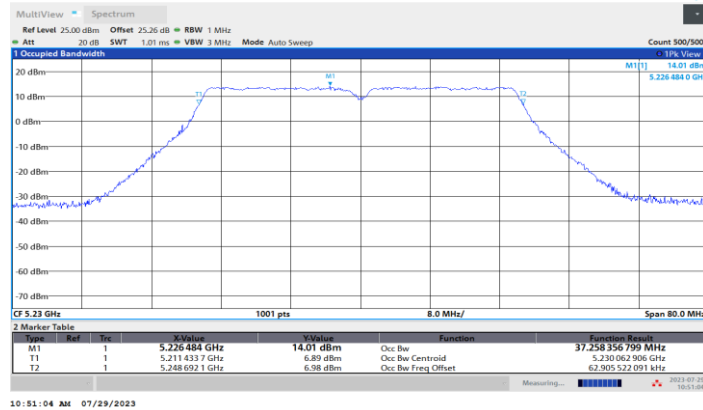
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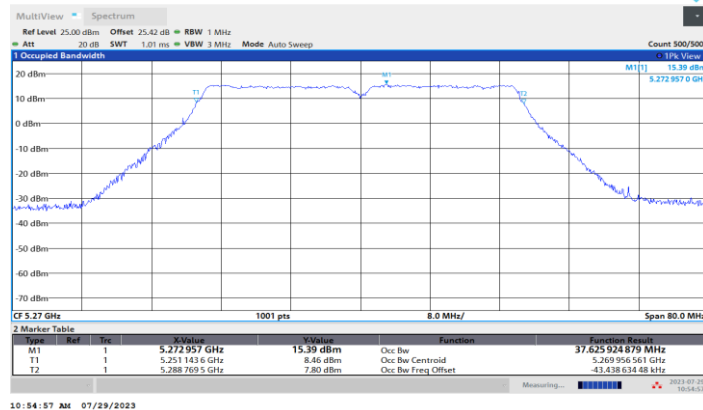
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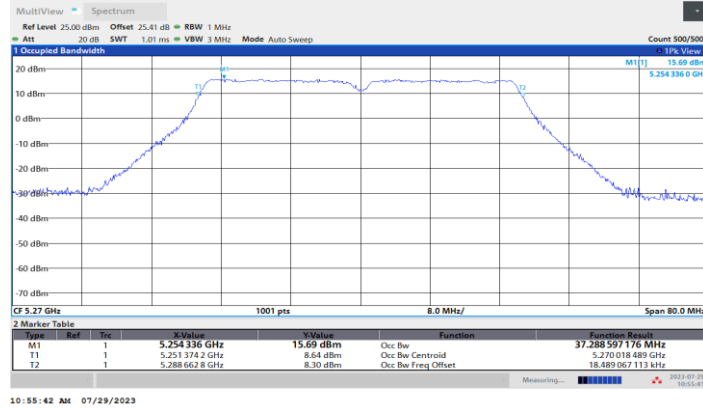
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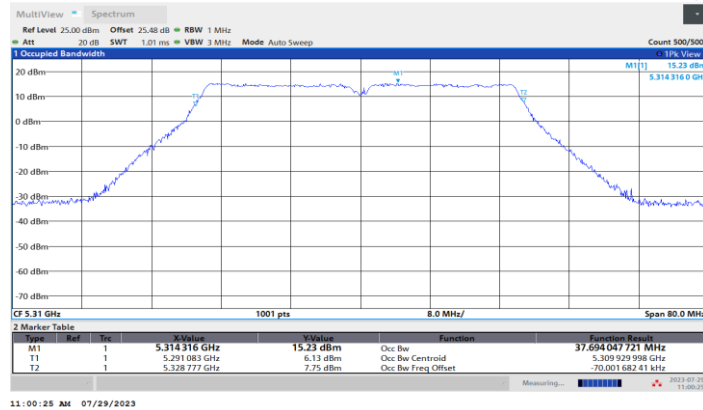
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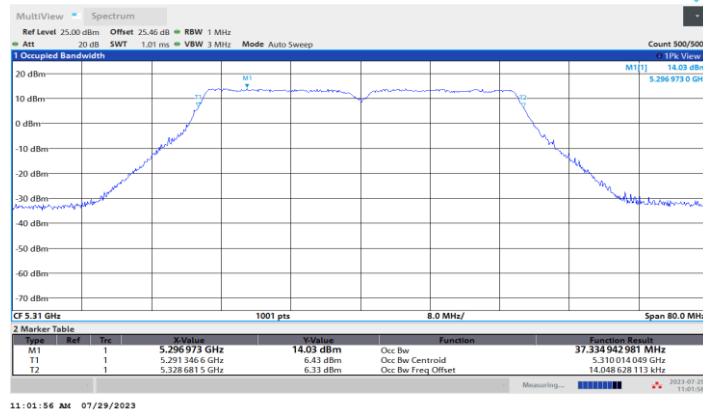
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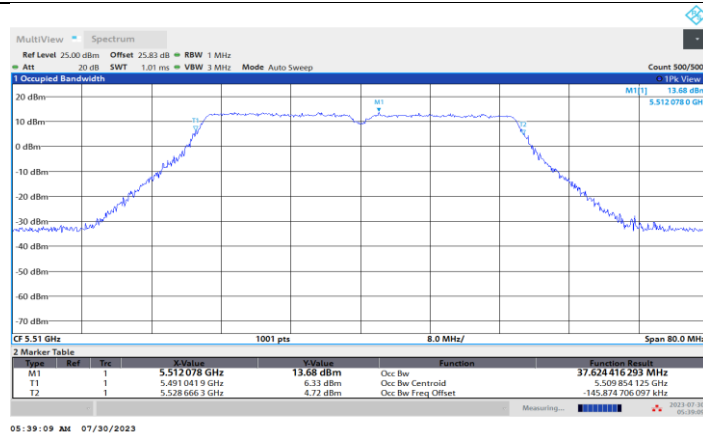
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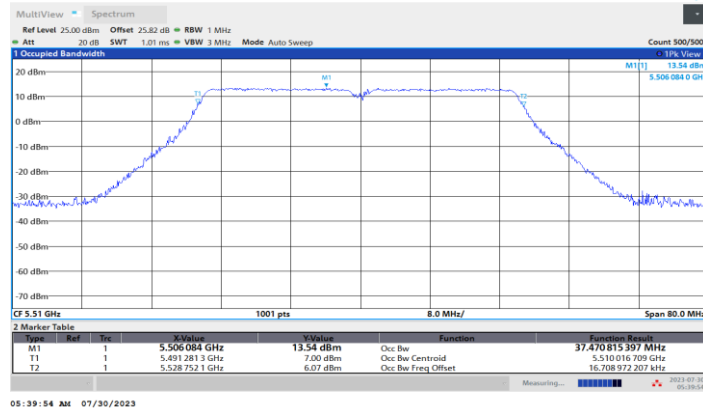
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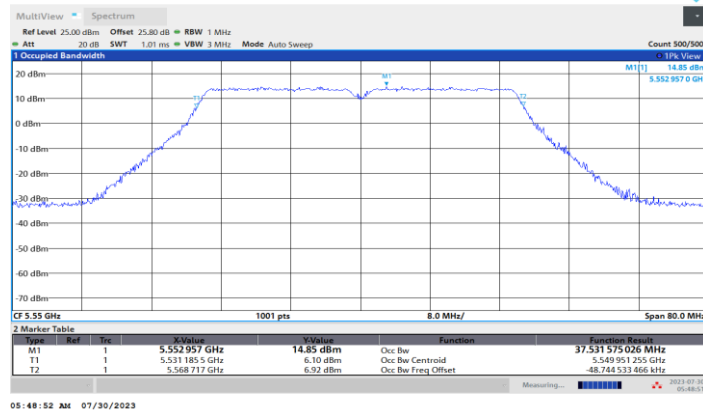
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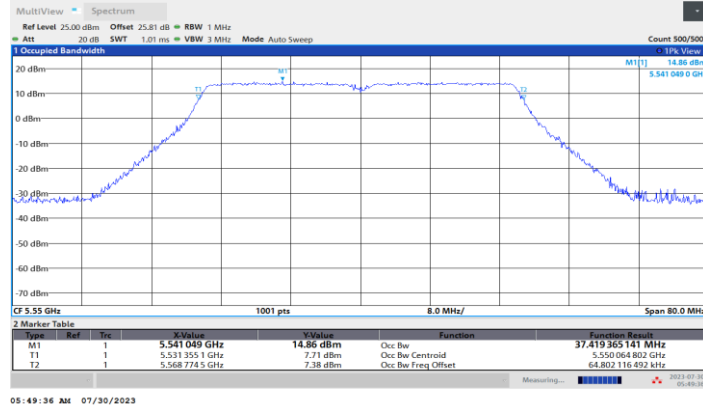
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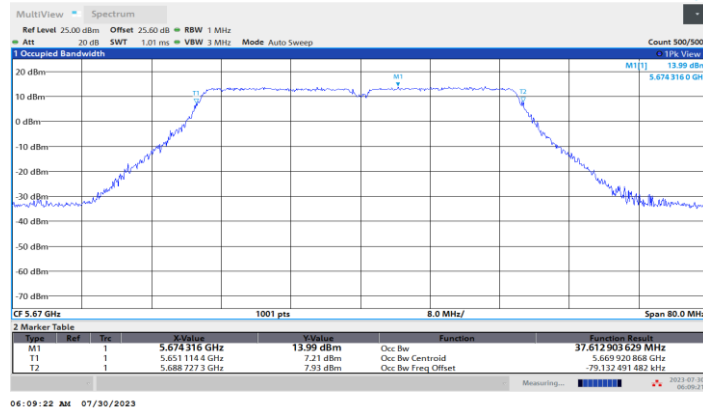
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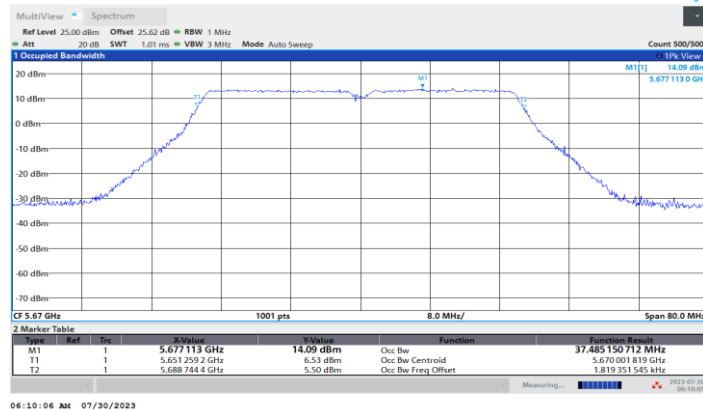
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11AC40MIMO_Ant2_5550



11AC40MIMO_Ant1_5670



11AC40MIMO_Ant2_5670