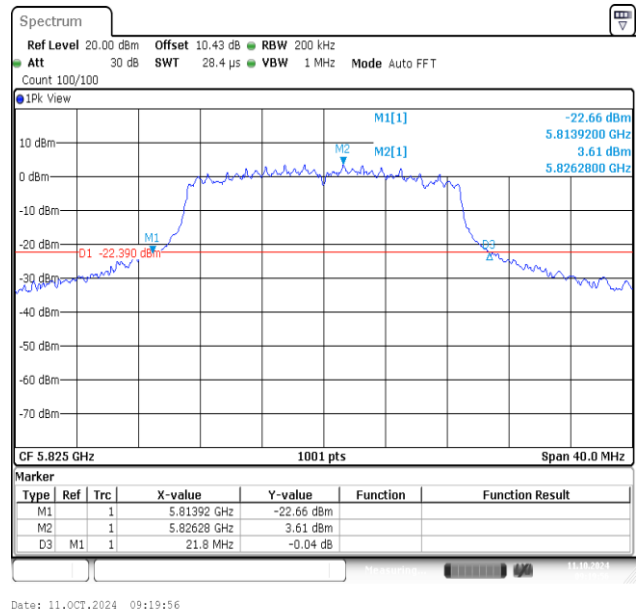
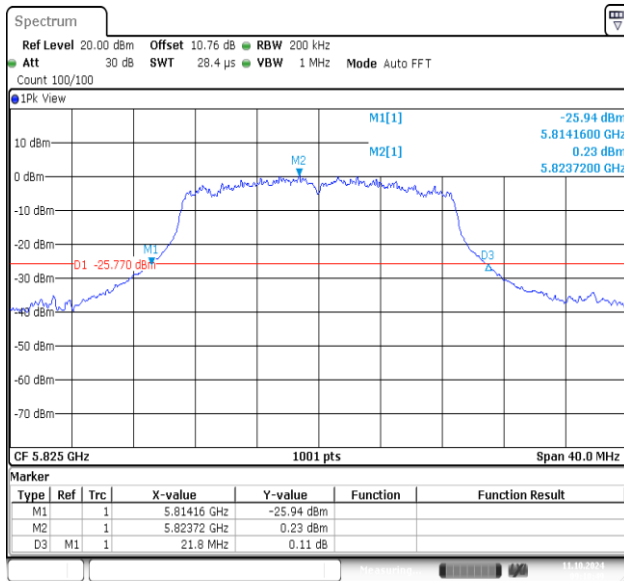
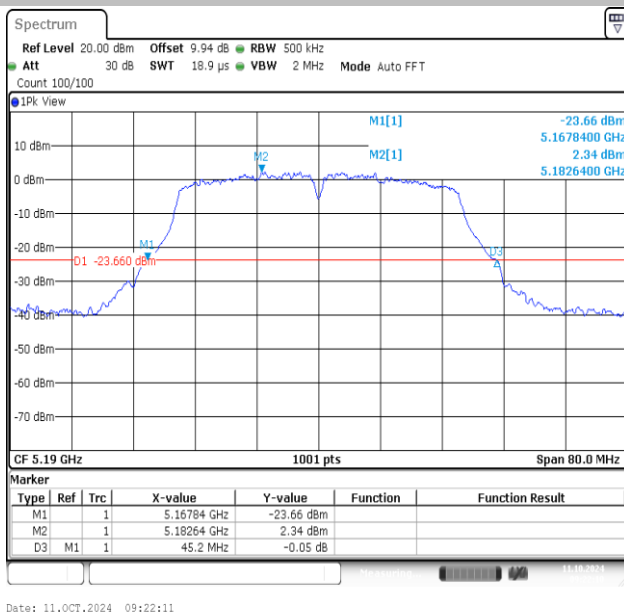
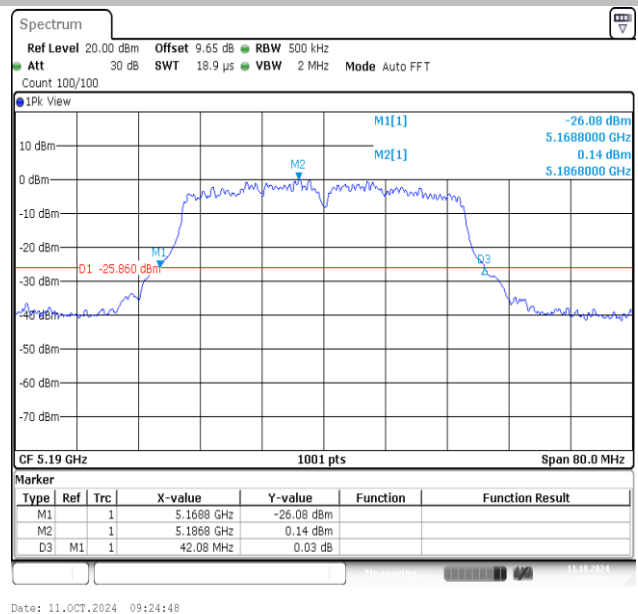




11AC20MIMO-Ant1-5825

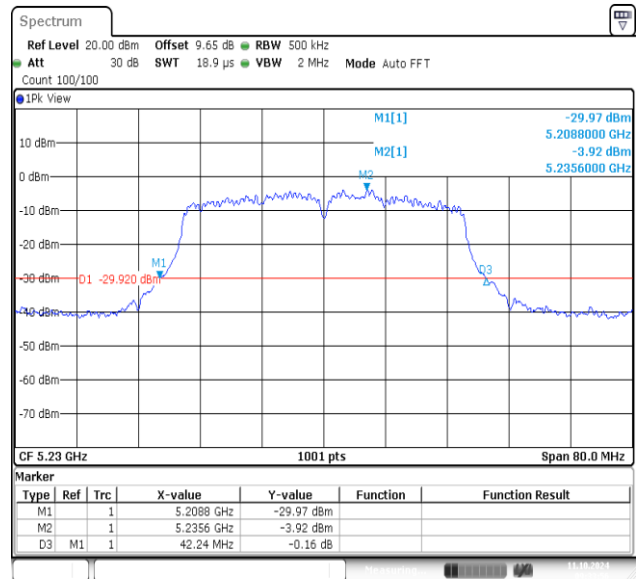
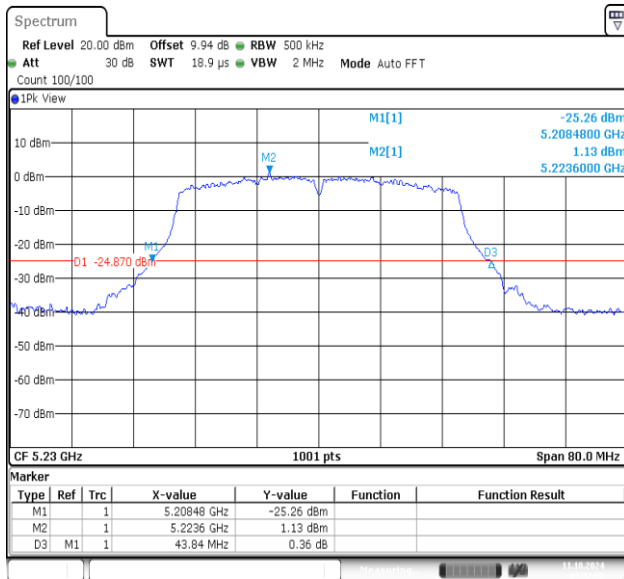


11AC20MIMO-Ant2-5825

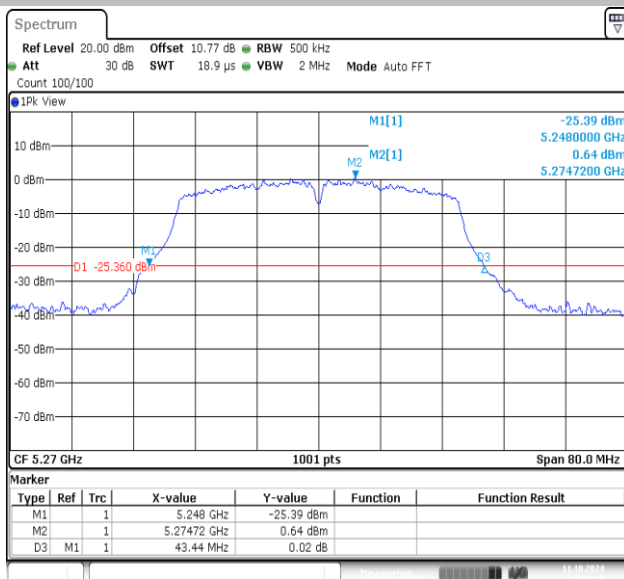


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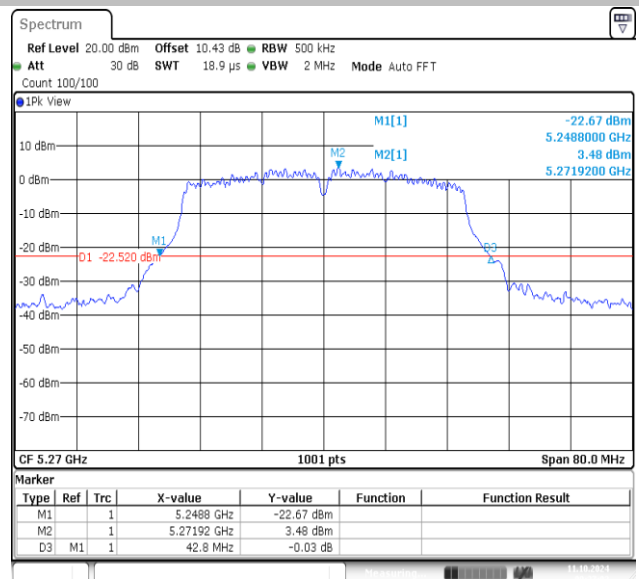
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11AC40MIMO-Ant1-5230

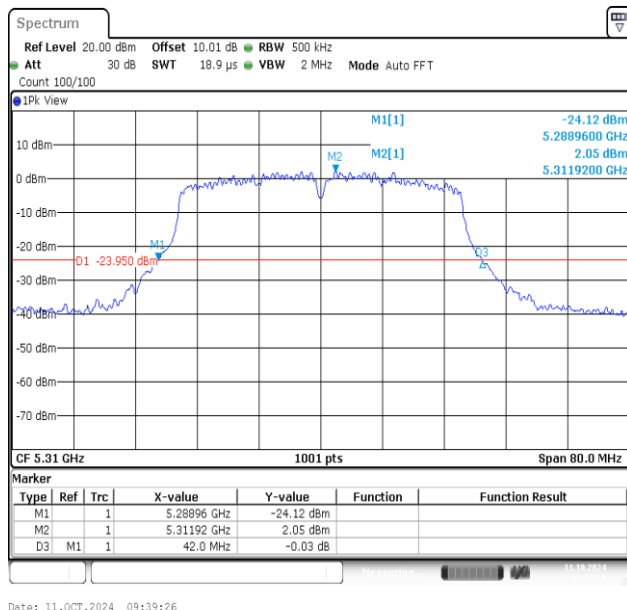
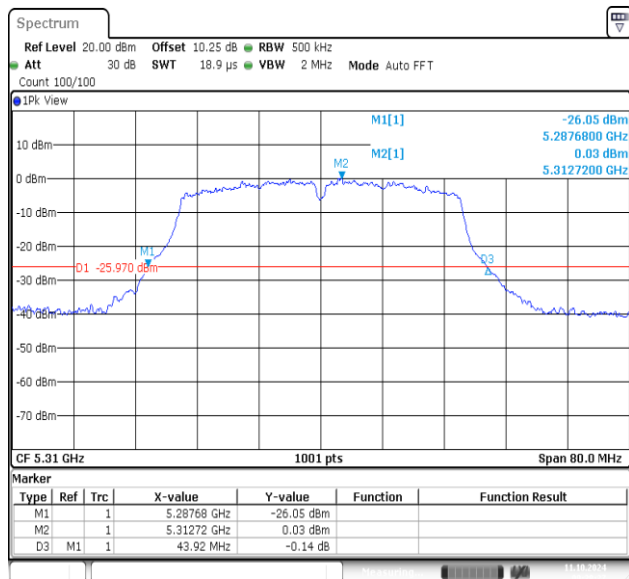


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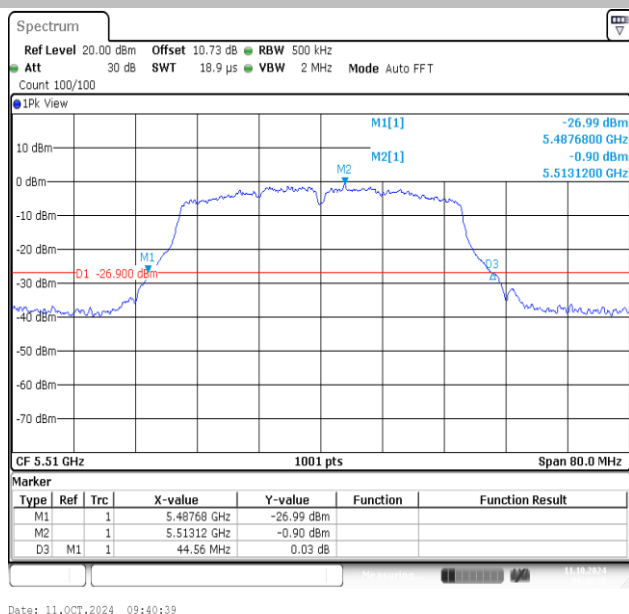


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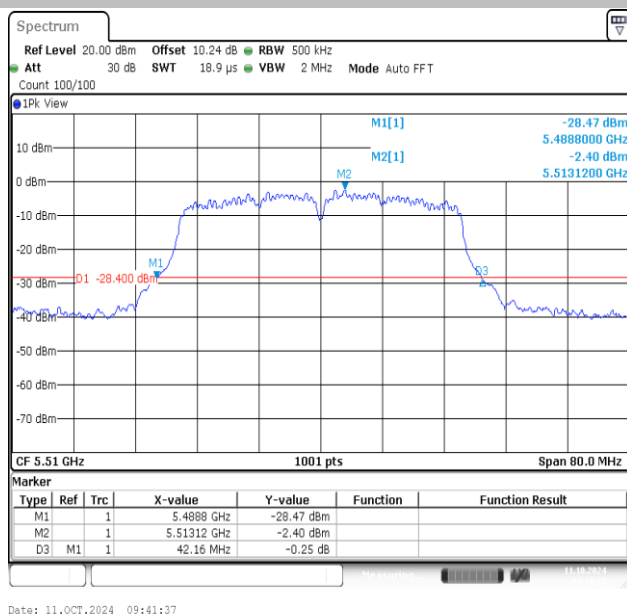
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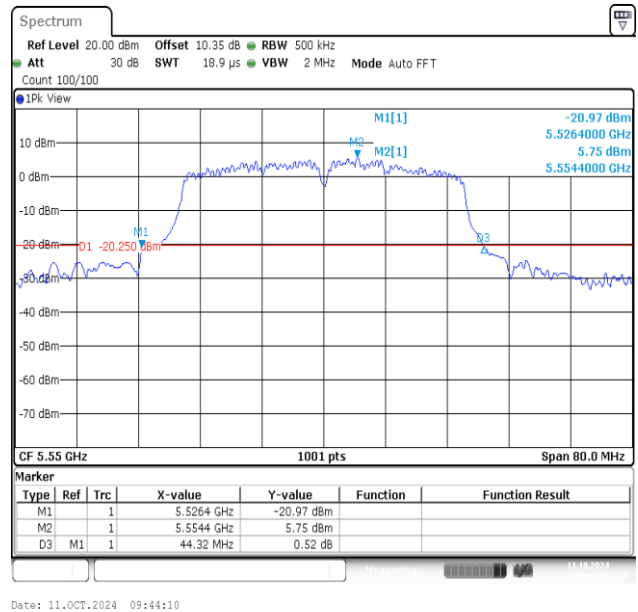
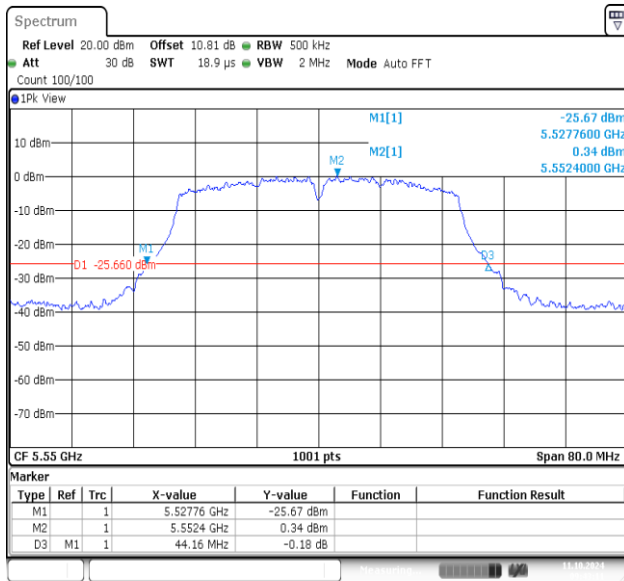


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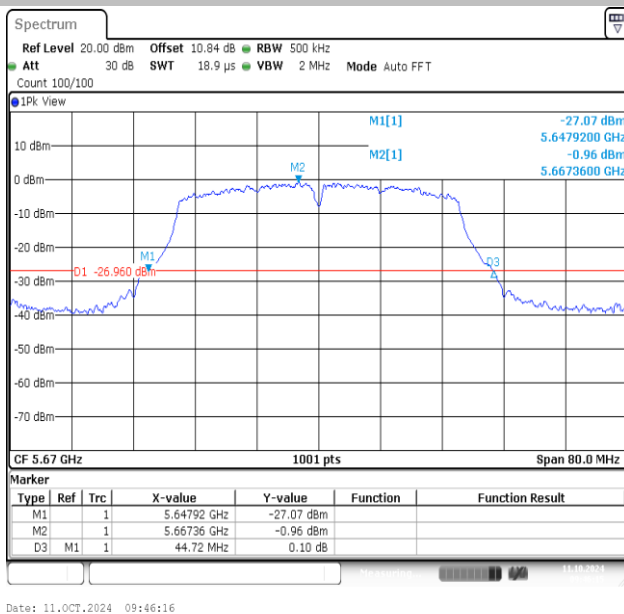


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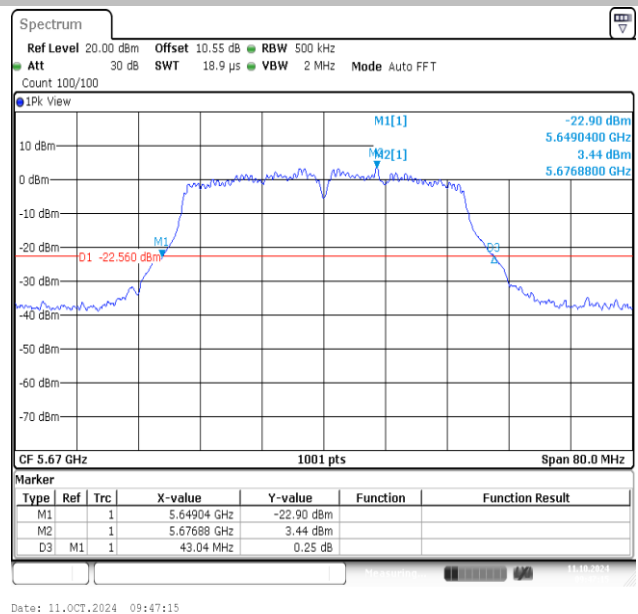
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11AC40MIMO-Ant1-5550

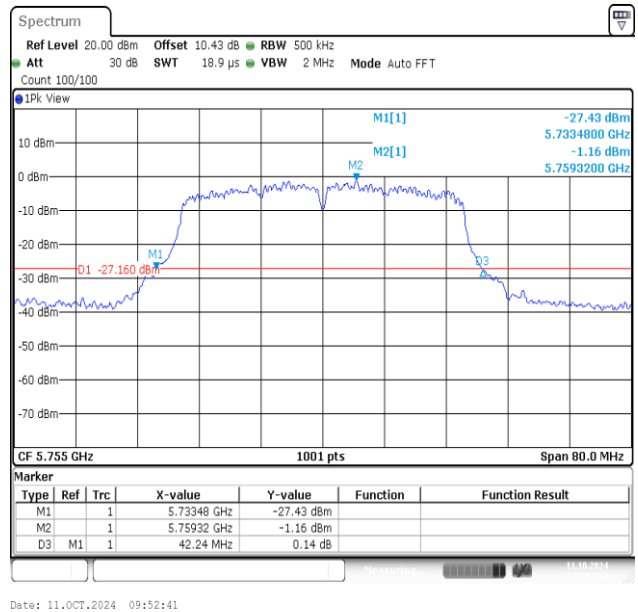
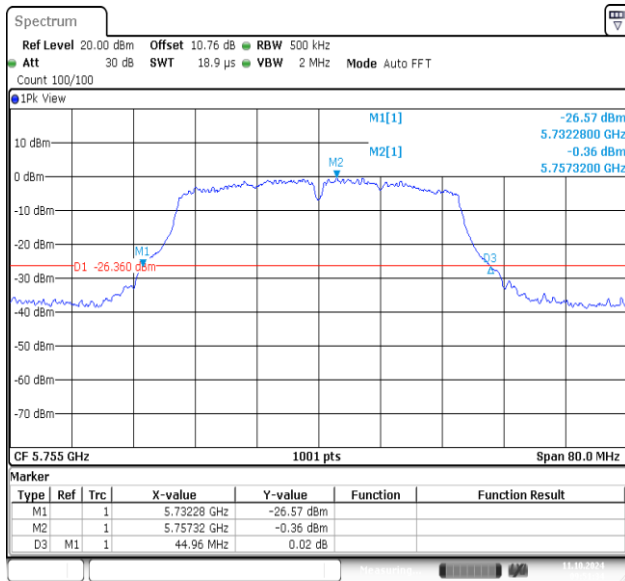


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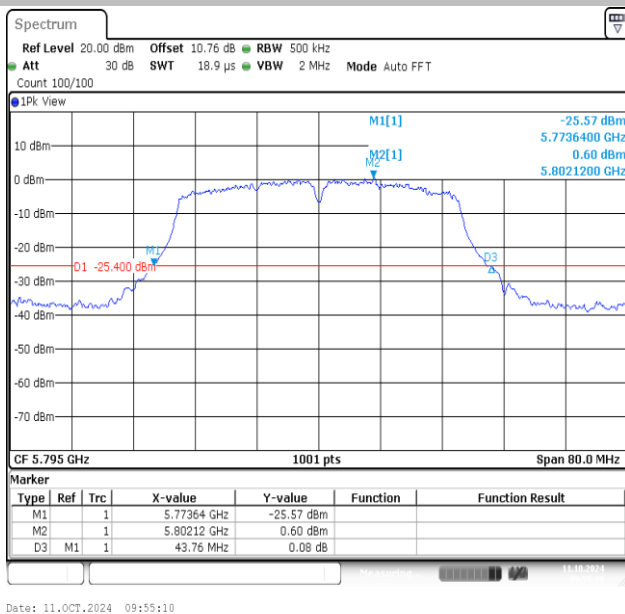


11AC40MIMO-Ant1-5670

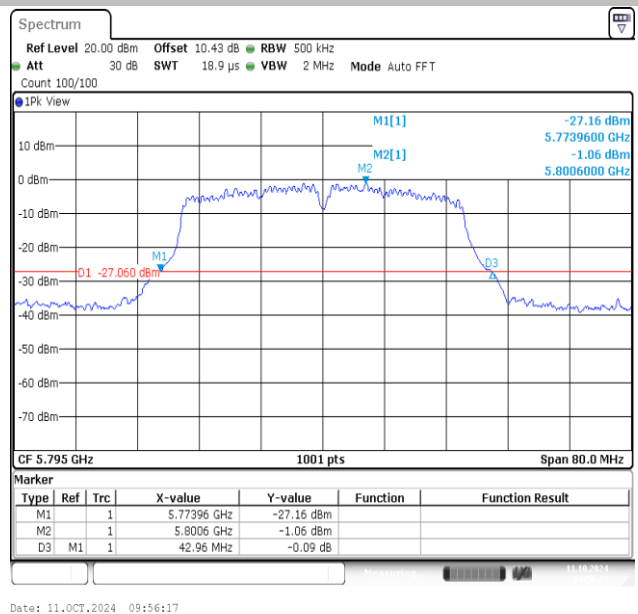
11AC40MIMO-Ant2-5670



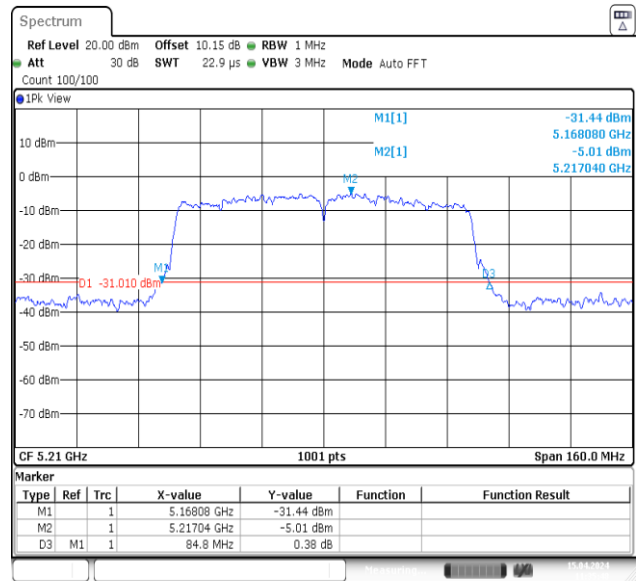
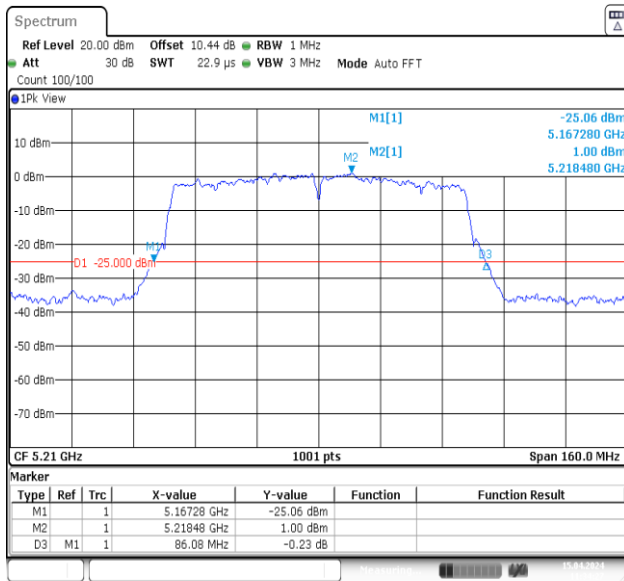
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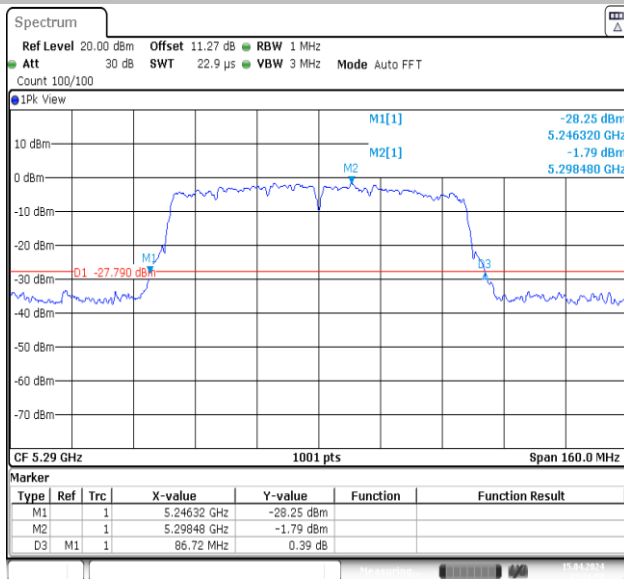
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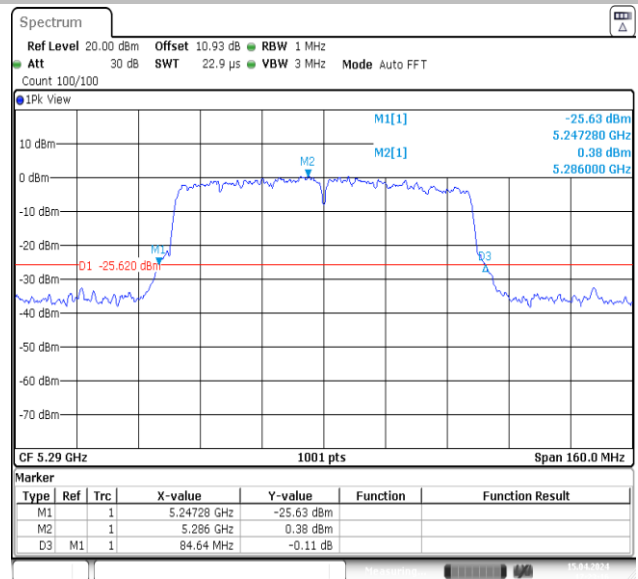
11AC40MIMO-Ant2-5795



11AC80MIMO-Ant1-5210

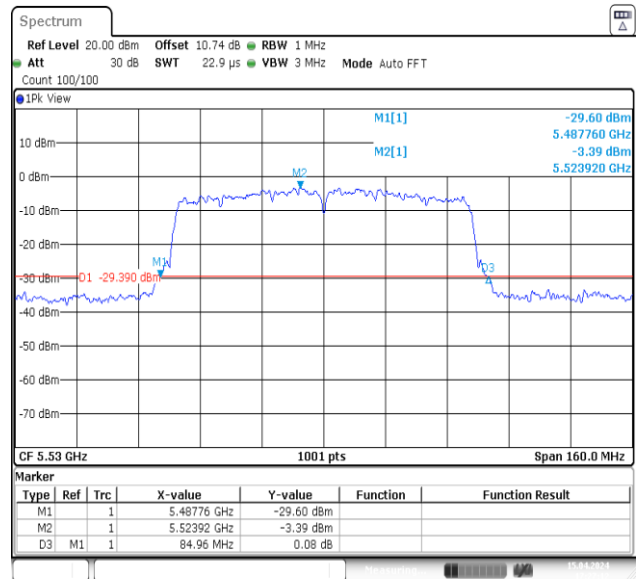
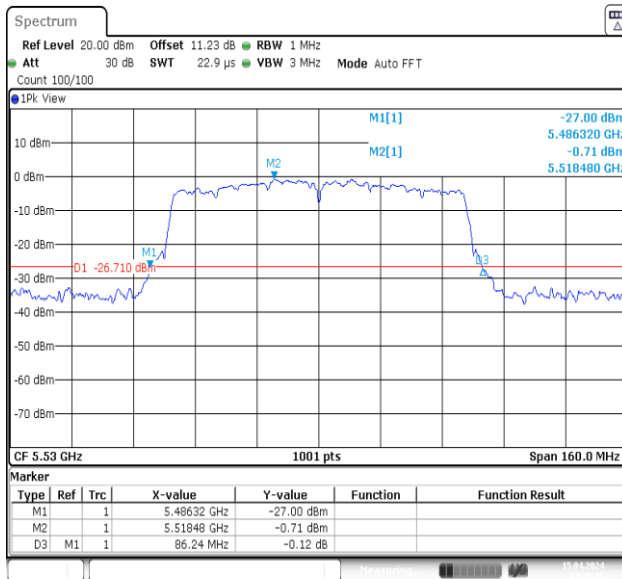


11AC80MIMO-Ant2-5210

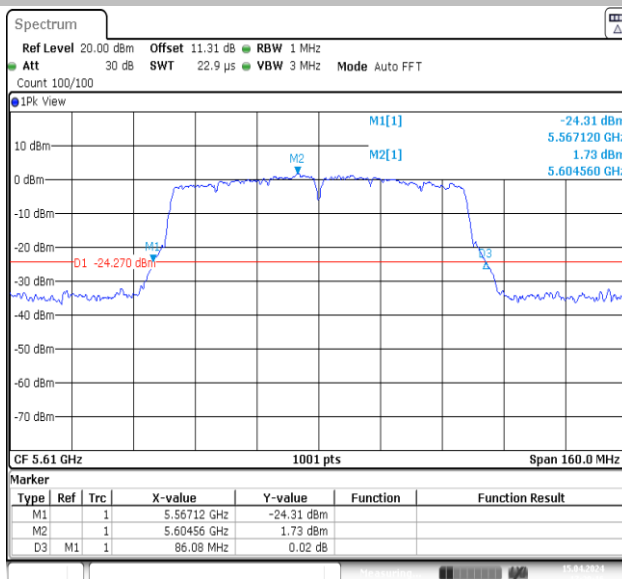


11AC80MIMO-Ant1-5290

11AC80MIMO-Ant2-5290

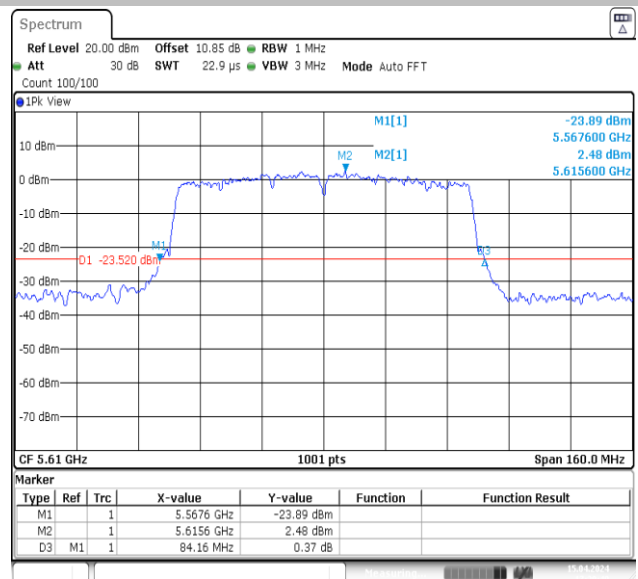


11AC80MIMO-Ant1-5530

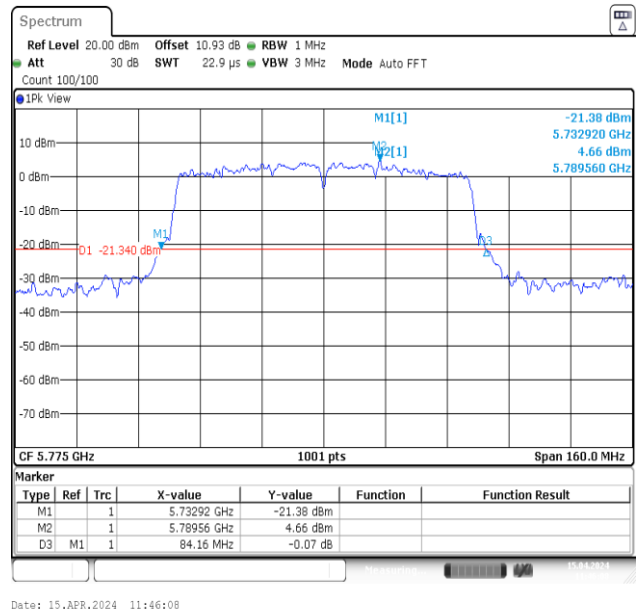
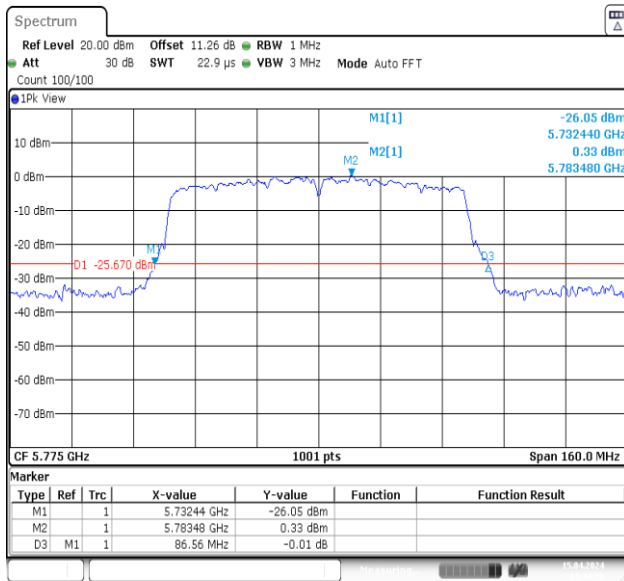


11AC80MIMO-Ant1-5610

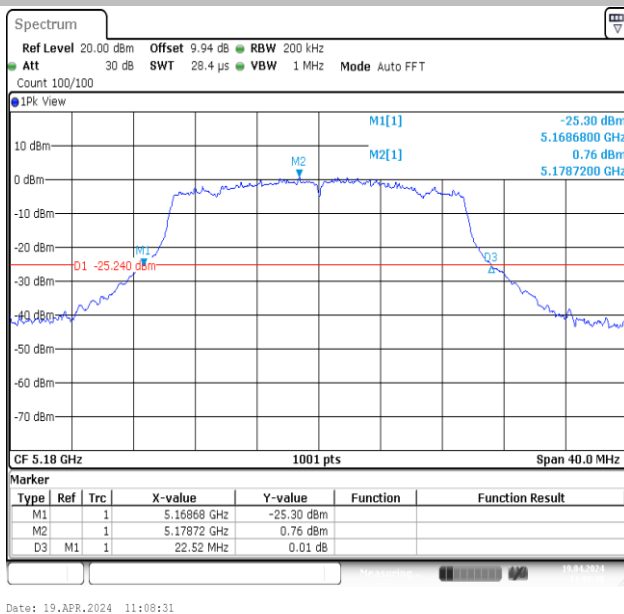
11AC80MIMO-Ant2-5530



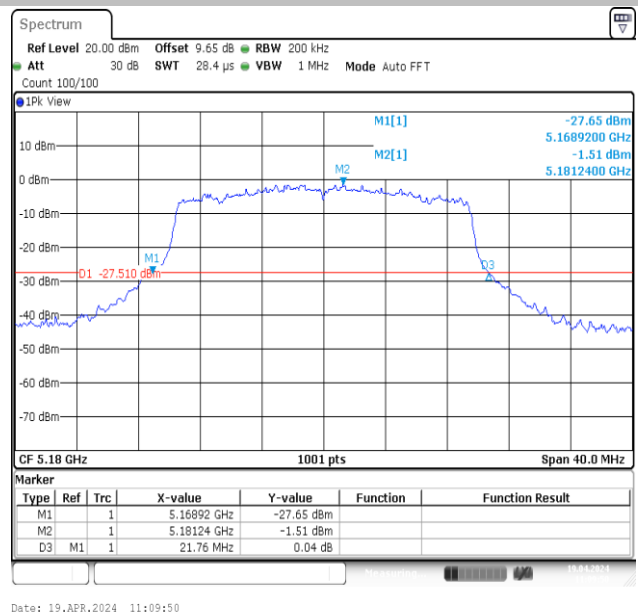
11AC80MIMO-Ant2-5610



11AC80MIMO-Ant1-5775

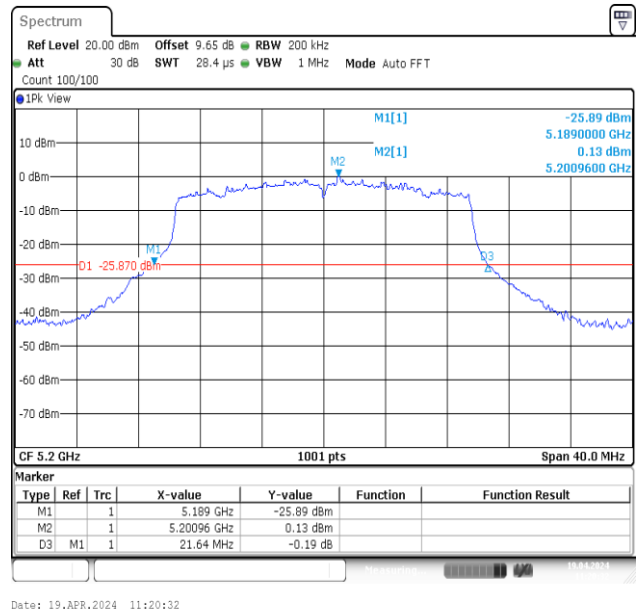
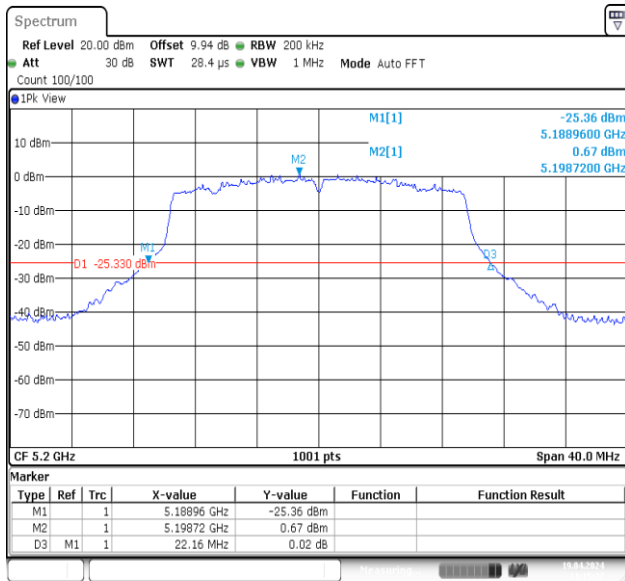


11AC80MIMO-Ant2-5775

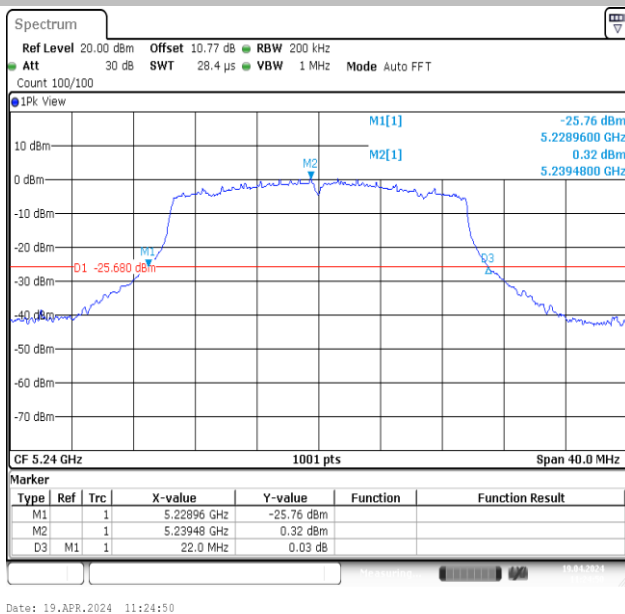


11AX20MIMO-Ant1-5180

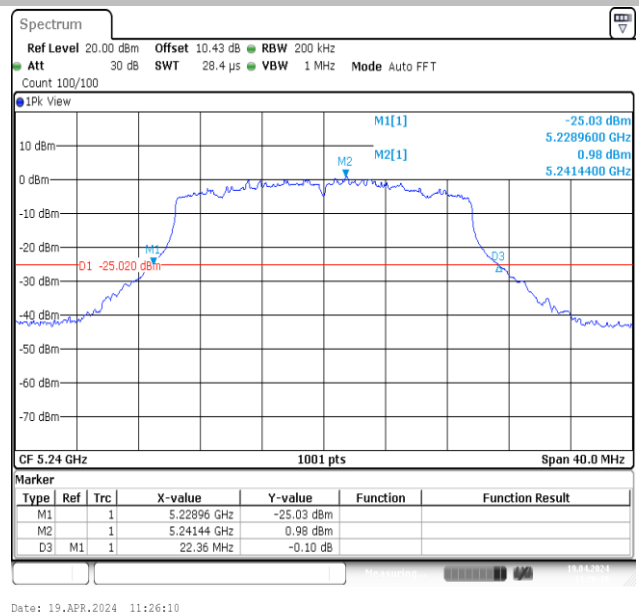
11AX20MIMO-Ant2-5180



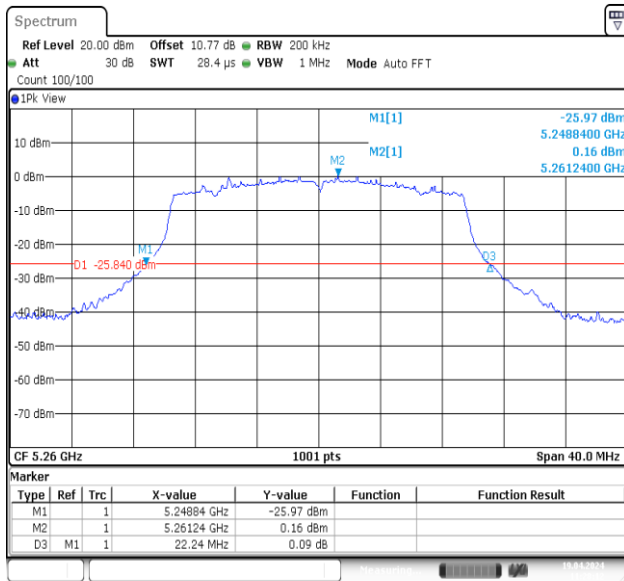
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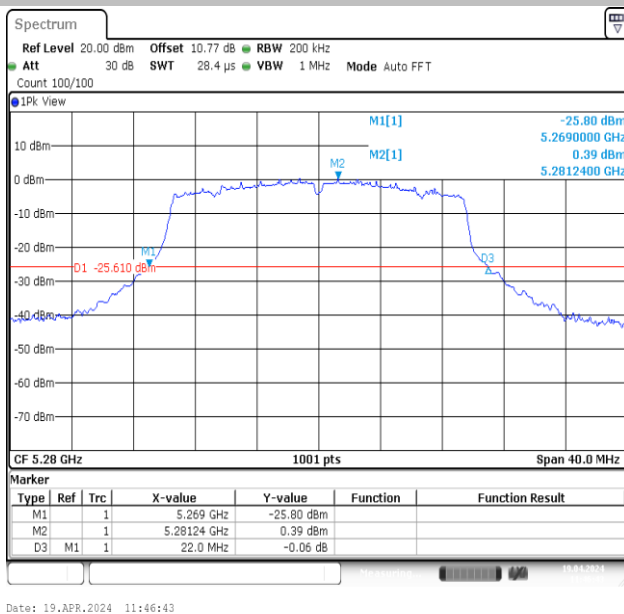
11AX20MIMO-Ant1-5240



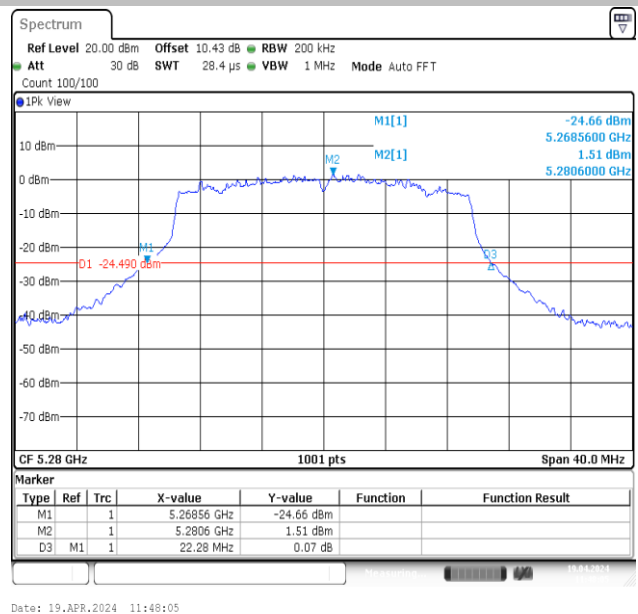
11AX20MIMO-Ant2-5240



11AX20MIMO-Ant1-5260

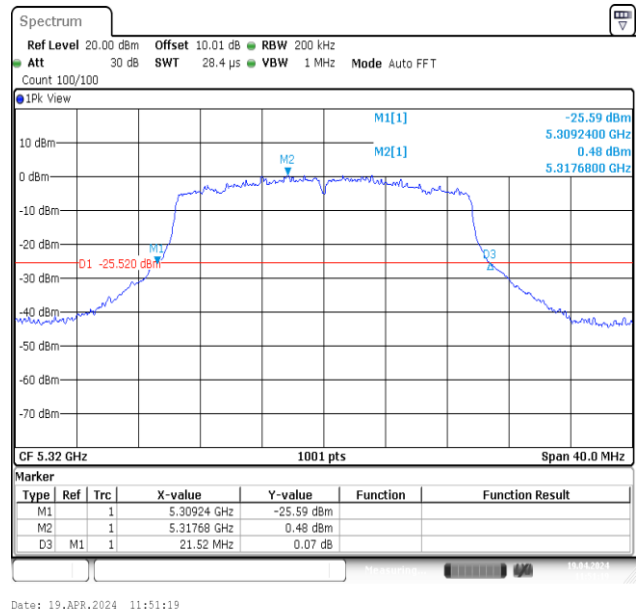
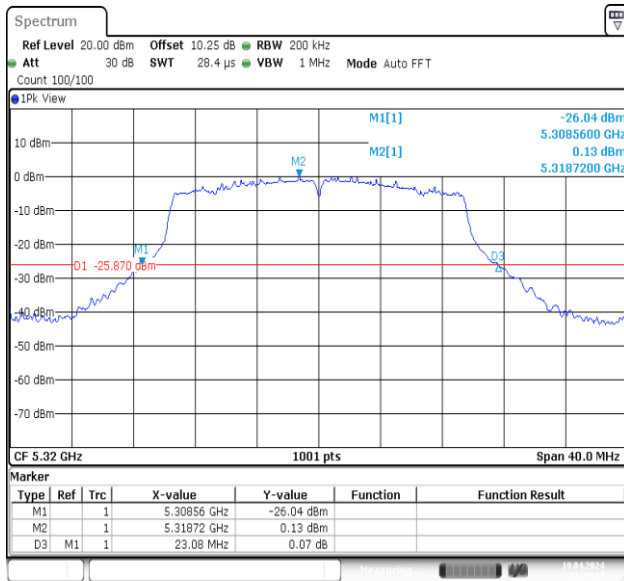


11AX20MIMO-Ant2-5260

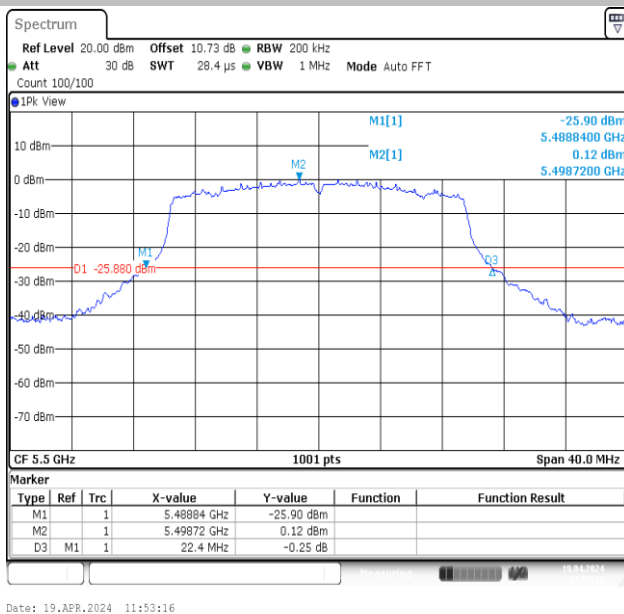


11AX20MIMO-Ant1-5280

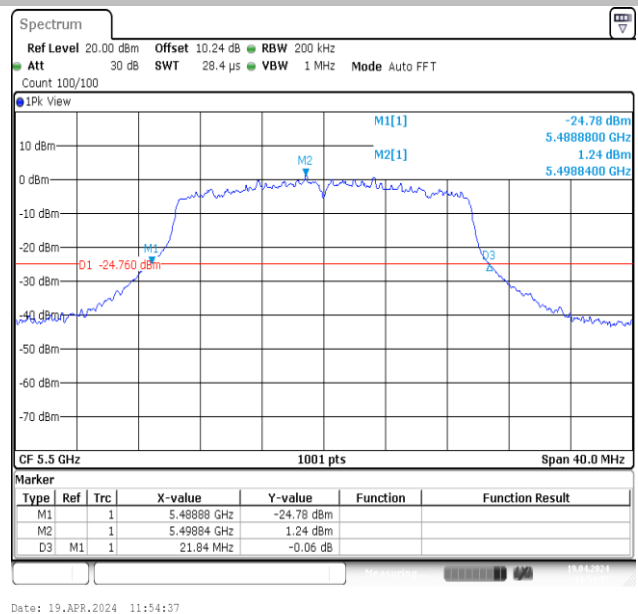
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11AX20MIMO-Ant1-5320

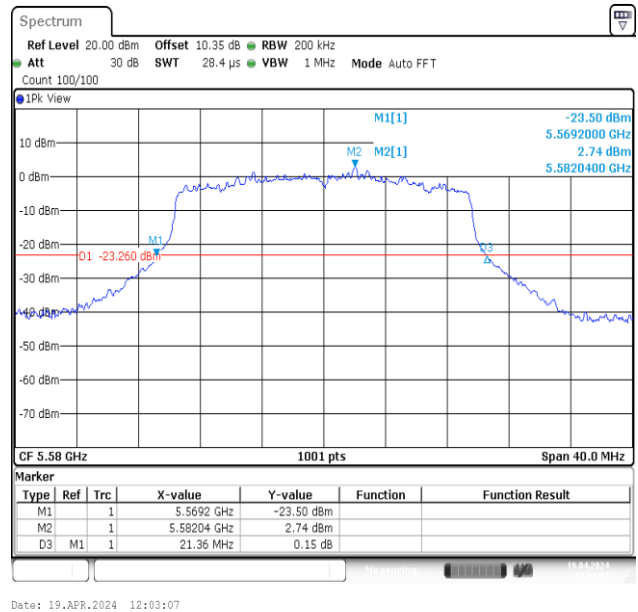
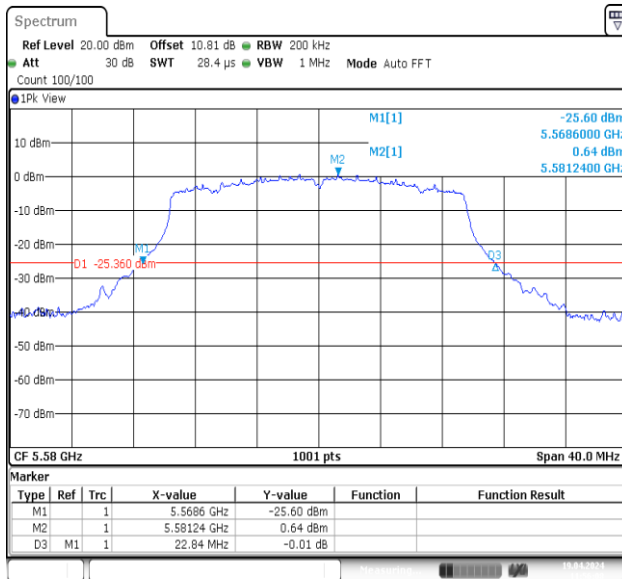


11AX20MIMO-Ant2-5320

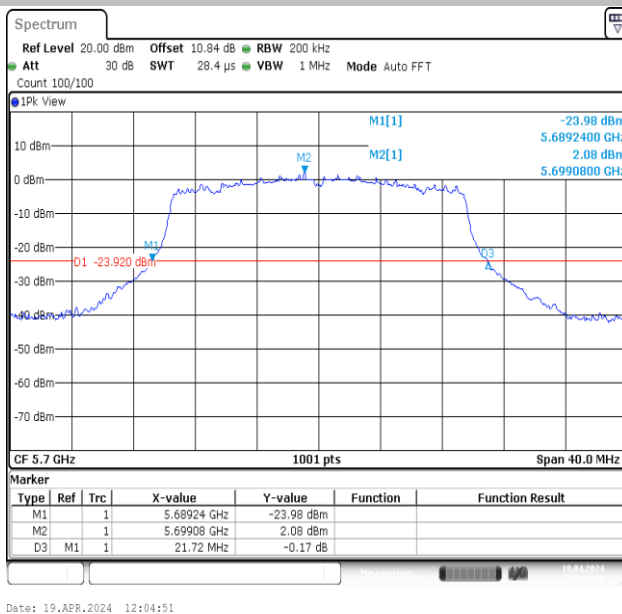


11AX20MIMO-Ant1-5500

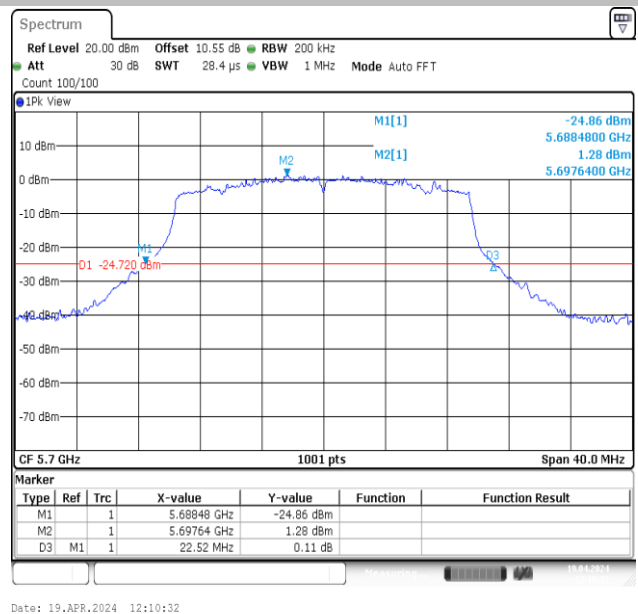
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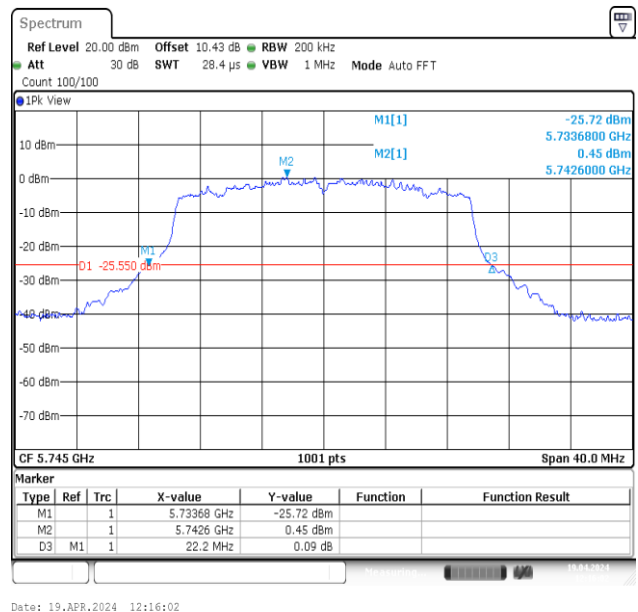
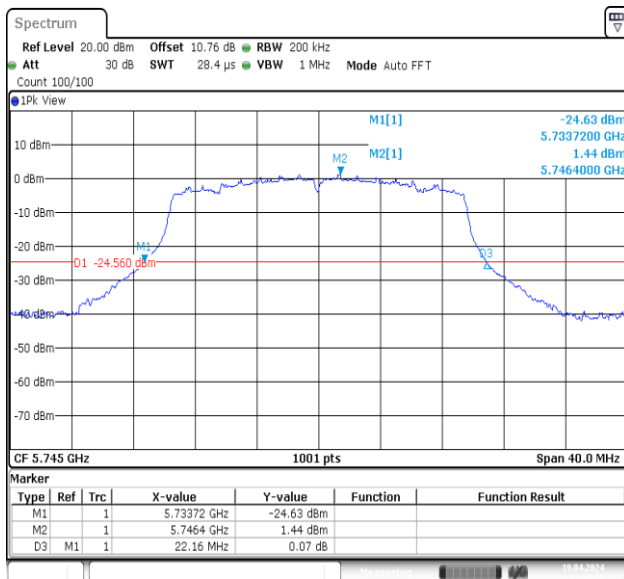
11AX20MIMO-Ant1-5580



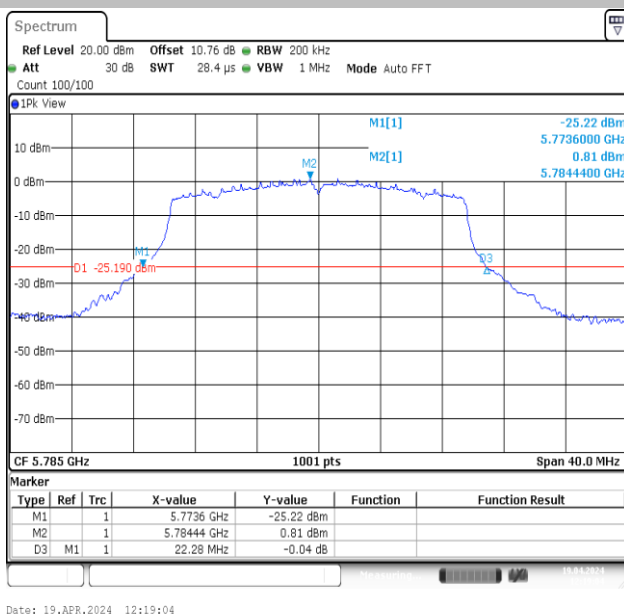
11AX20MIMO-Ant1-5700



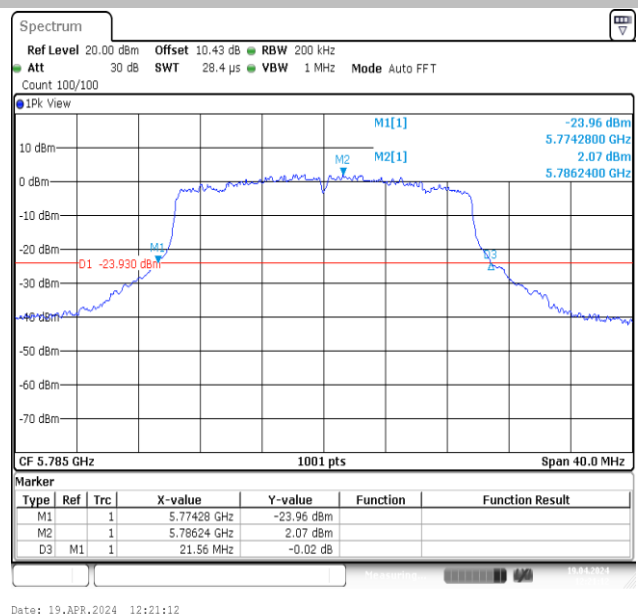
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11AX20MIMO-Ant1-5745

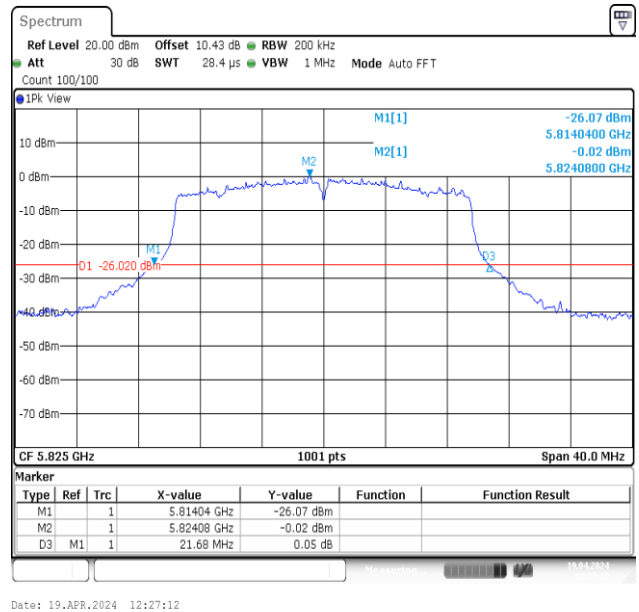
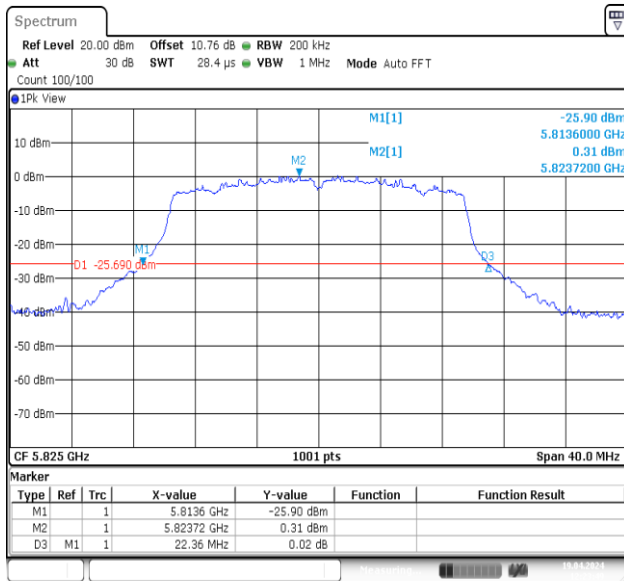


11AX20MIMO-Ant2-5745

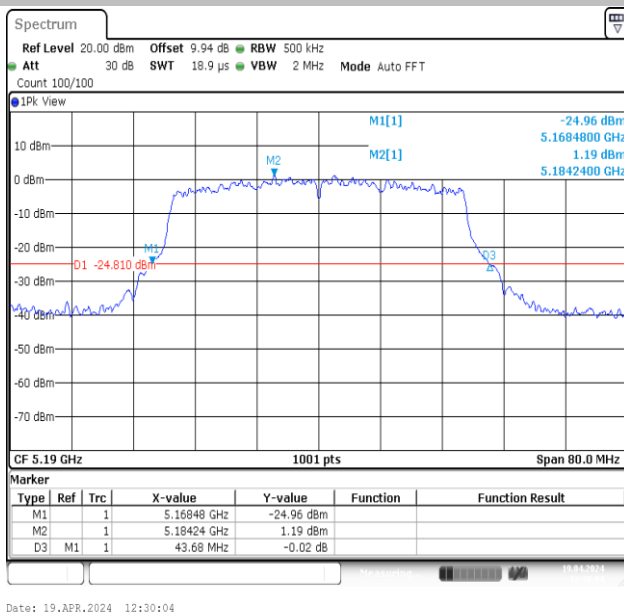


11AX20MIMO-Ant1-5785

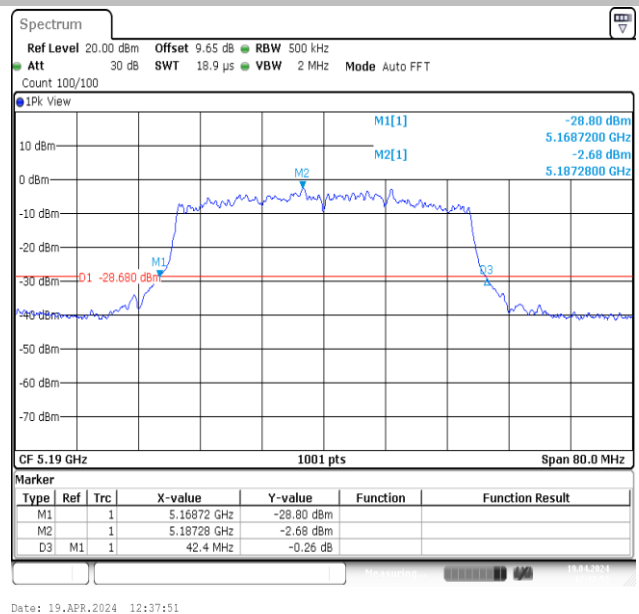
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11AX20MIMO-Ant1-5825

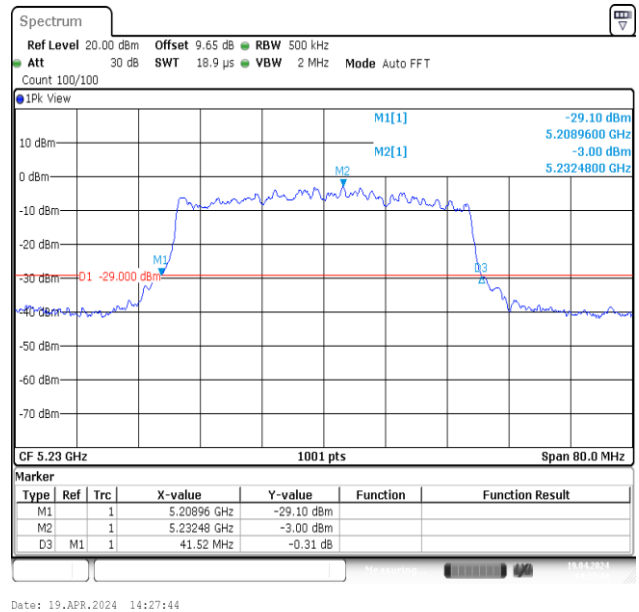
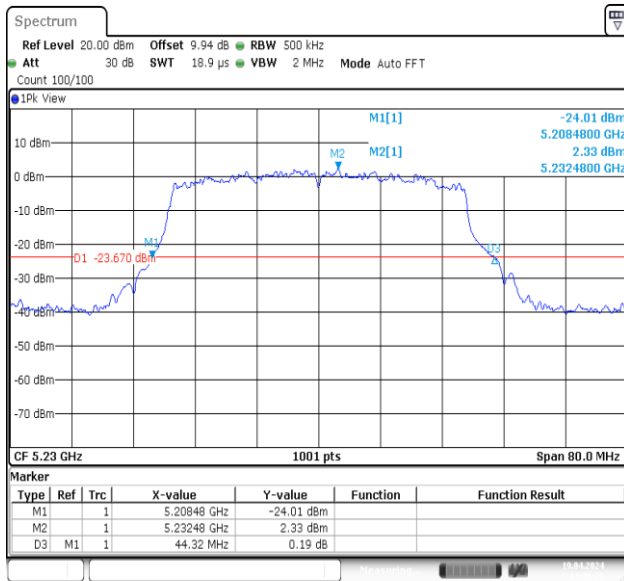


11AX20MIMO-Ant2-5825

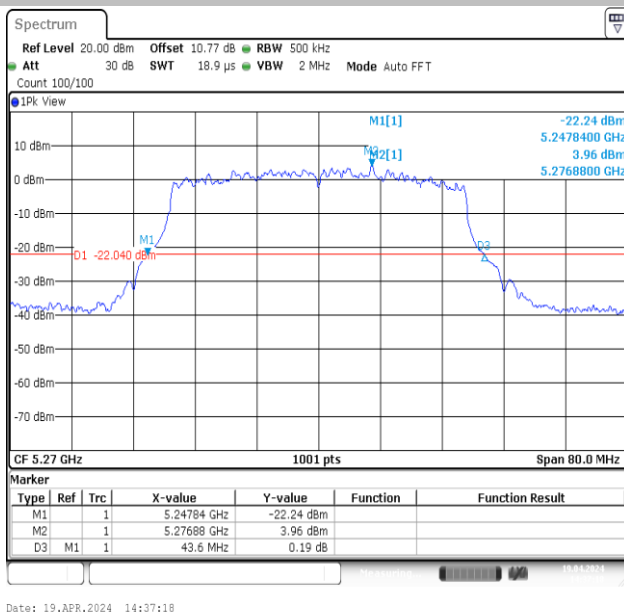


11AX40MIMO-Ant1-5190

11AX40MIMO-Ant2-5190

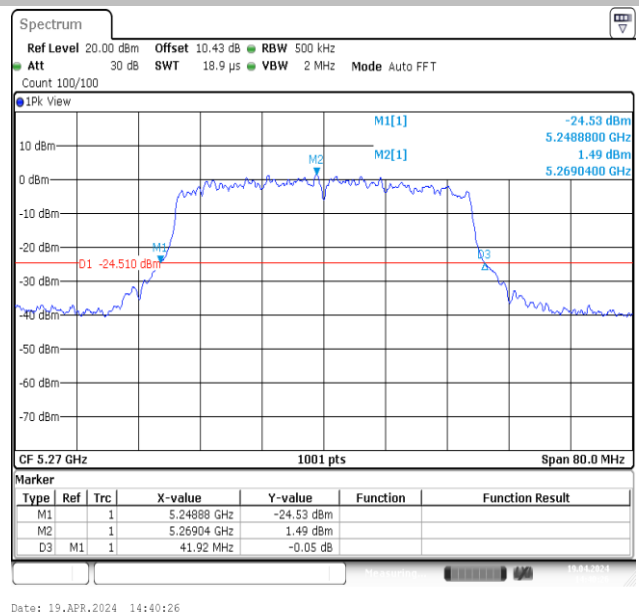


11AX40MIMO-Ant1-5230

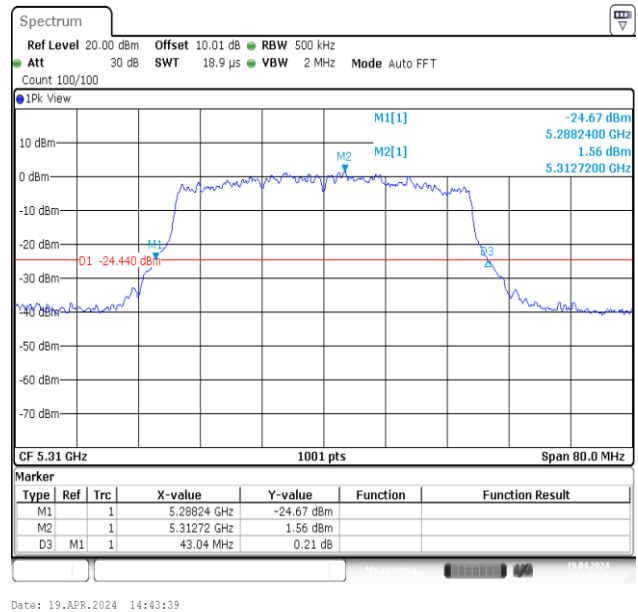
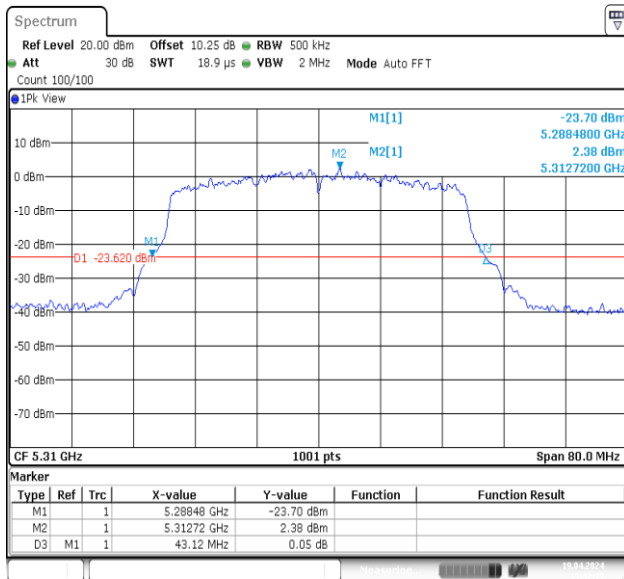


11AX40MIMO-Ant1-5270

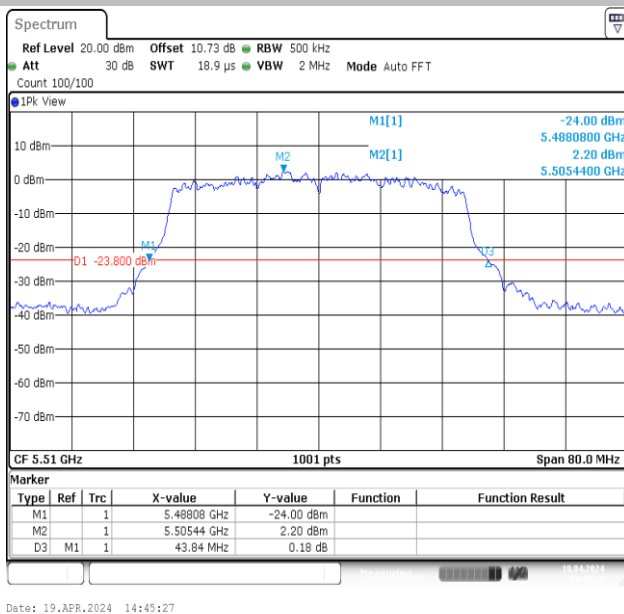
11AX40MIMO-Ant2-5230



11AX40MIMO-Ant2-5270

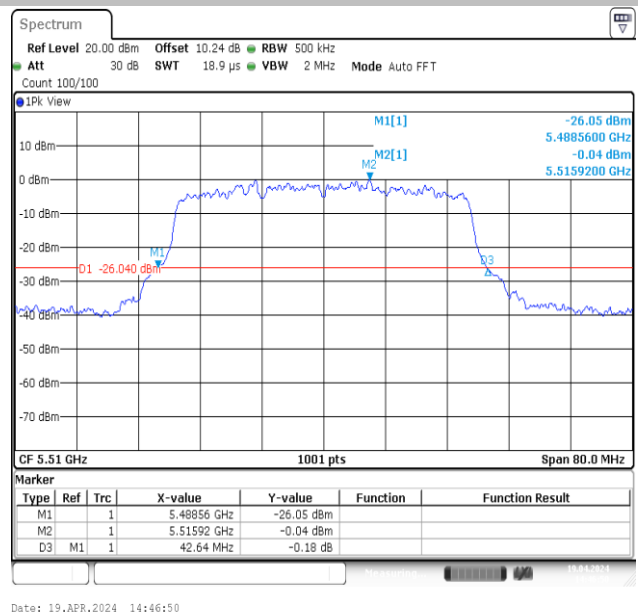


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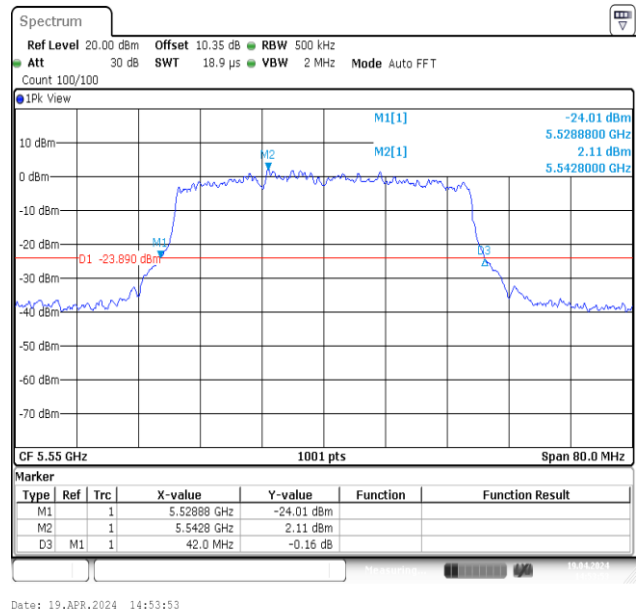
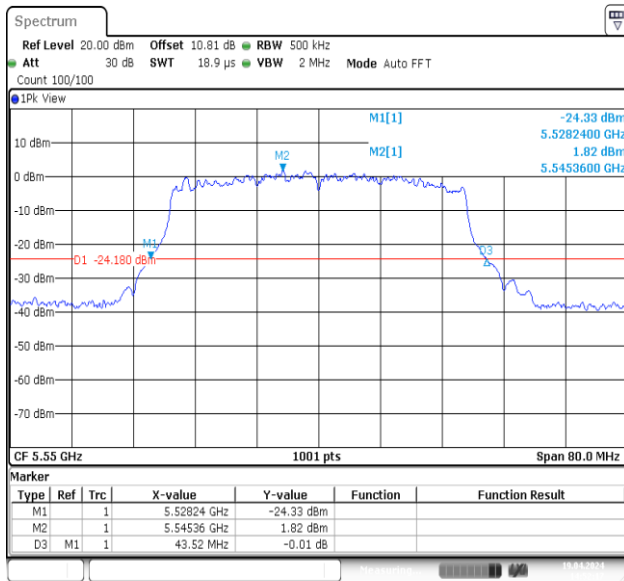


11AX40MIMO-Ant1-5510

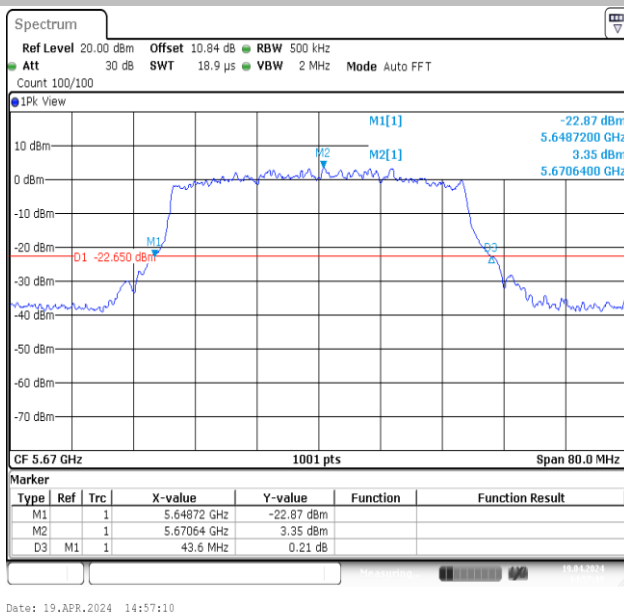
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11AX40MIMO-Ant2-5510

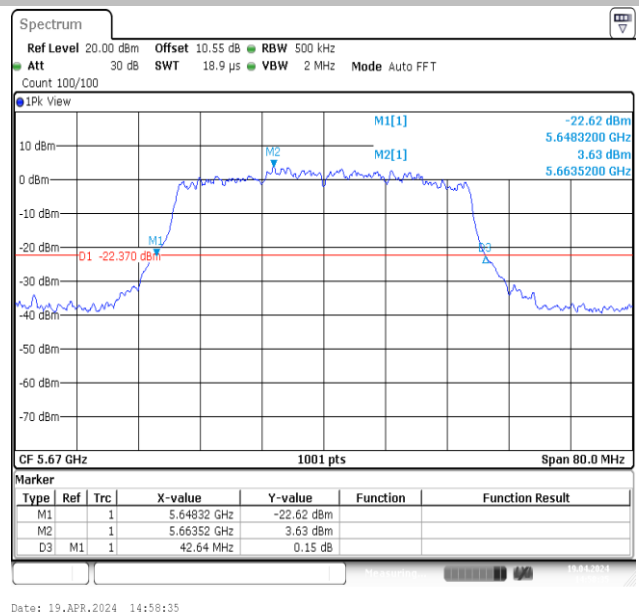


11AX40MIMO-Ant1-5550

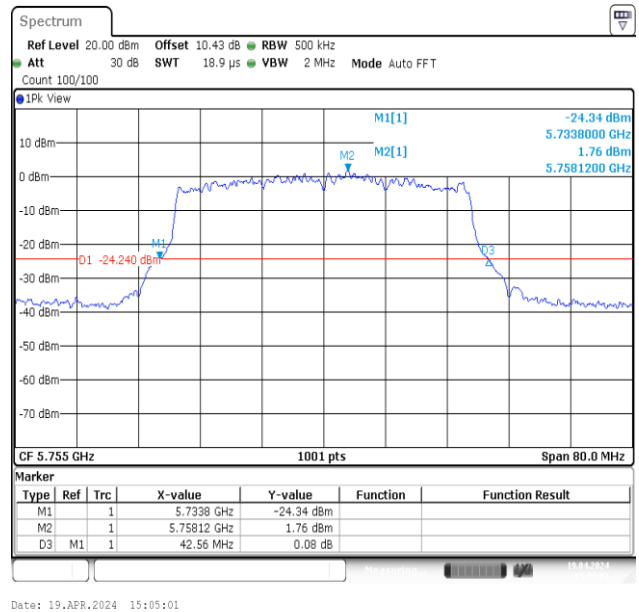
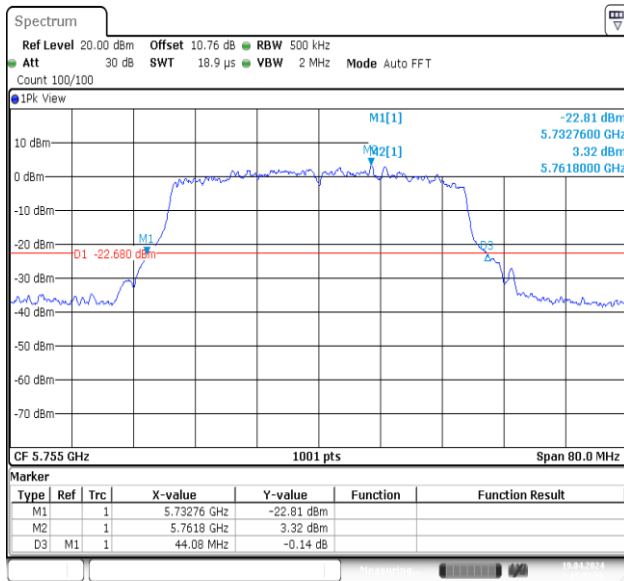


11AX40MIMO-Ant1-5670

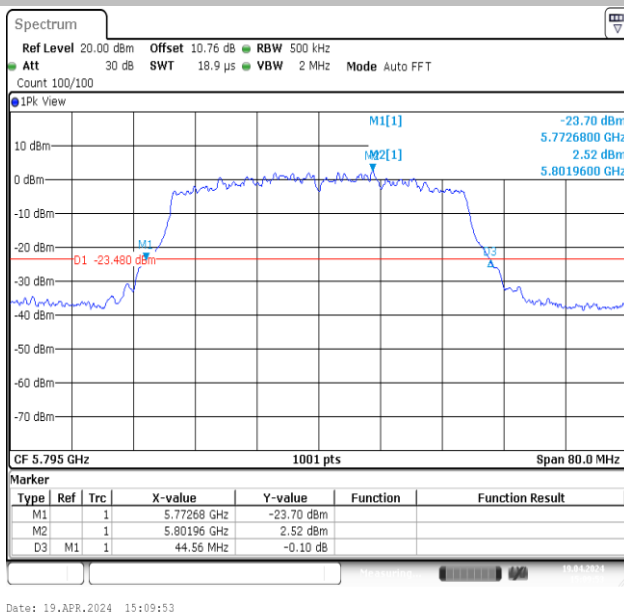
11AX40MIMO-Ant2-5550



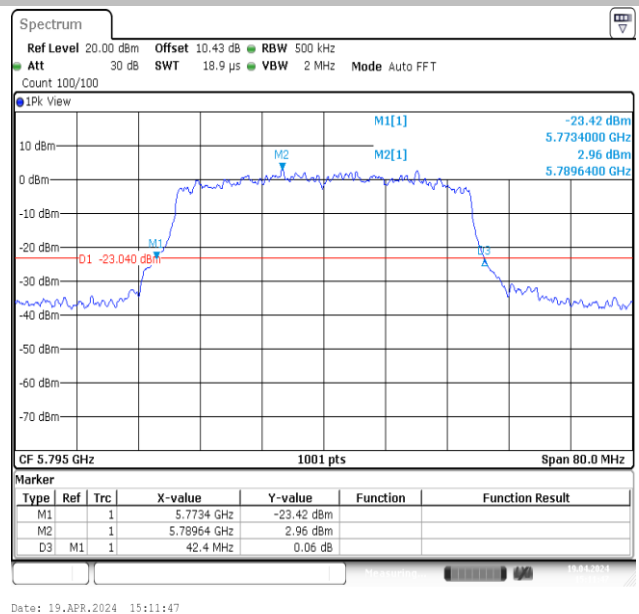
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11AX40MIMO-Ant1-5755

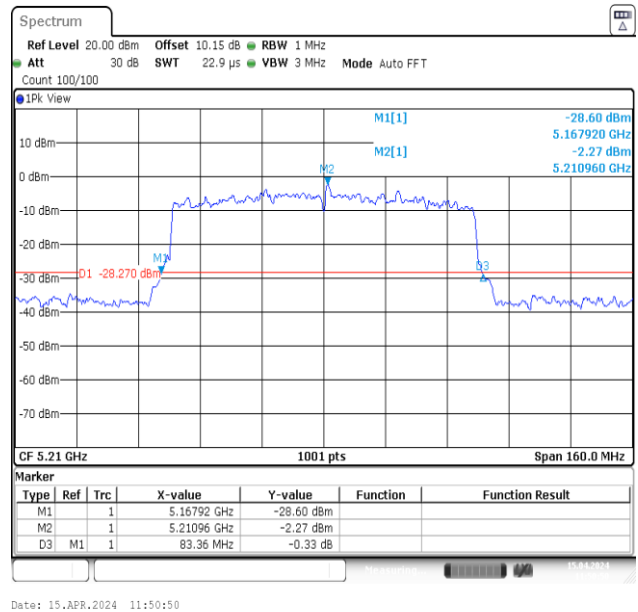
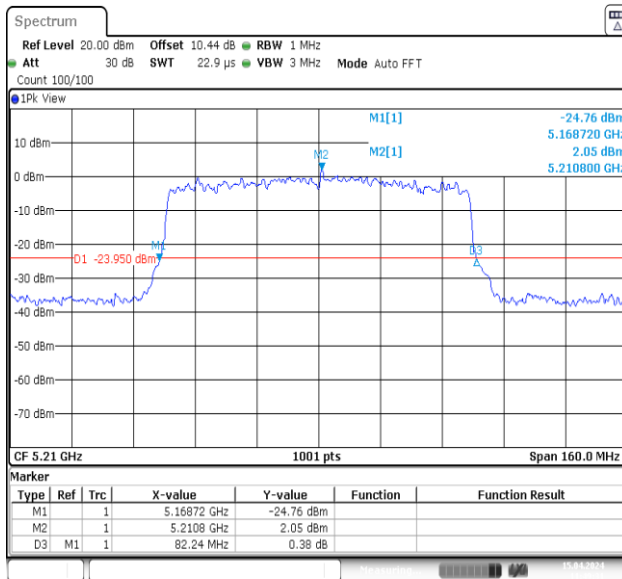


11AX40MIMO-Ant2-5755

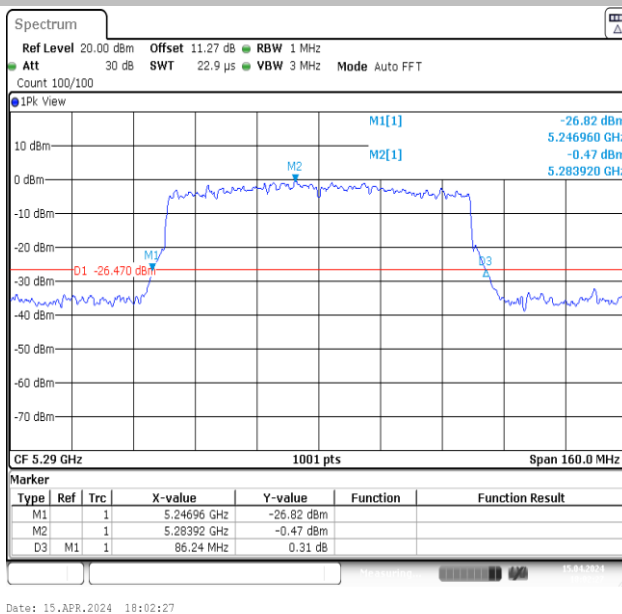


11AX40MIMO-Ant1-5795

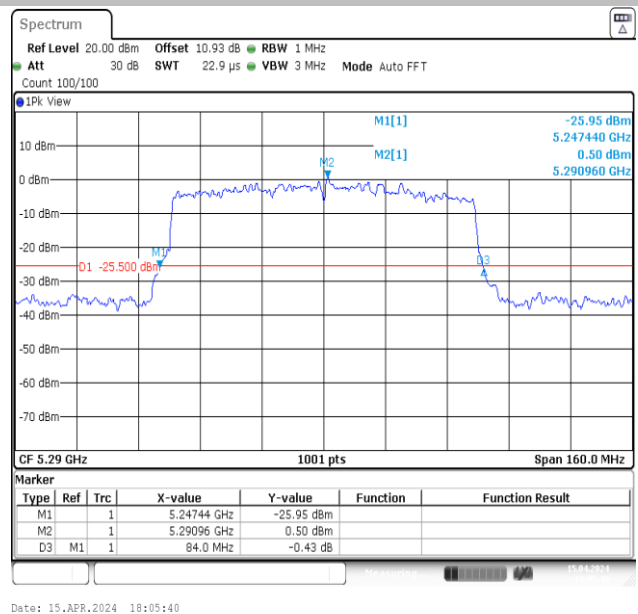
11AX40MIMO-Ant2-5795



11AX80MIMO-Ant1-5210

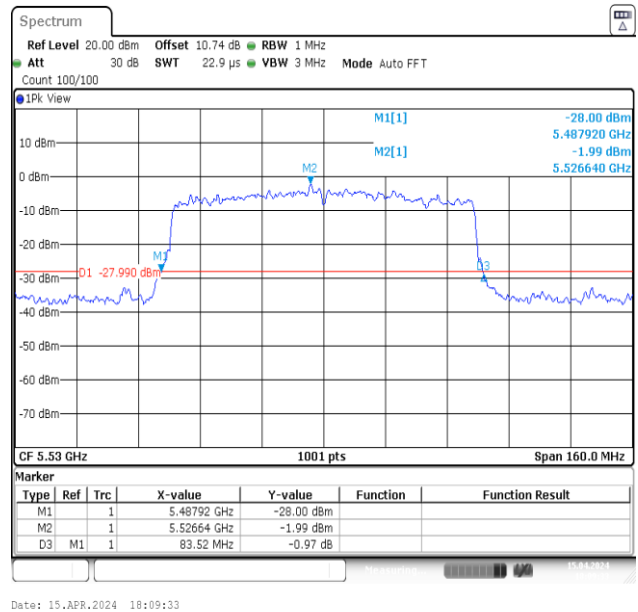
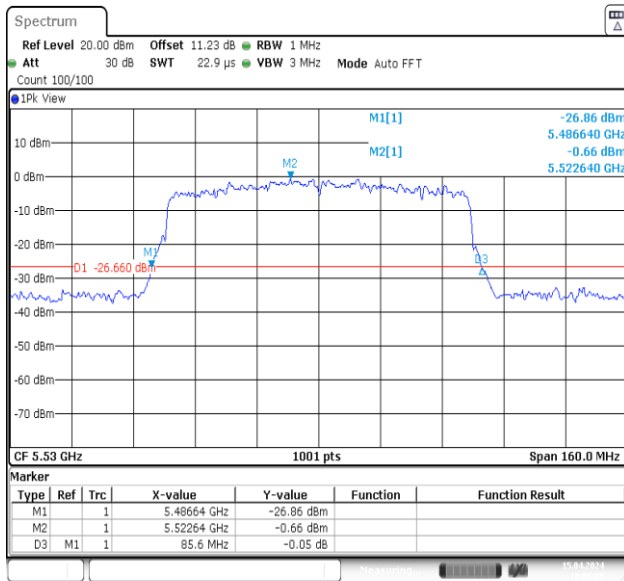


11AX80MIMO-Ant2-5210

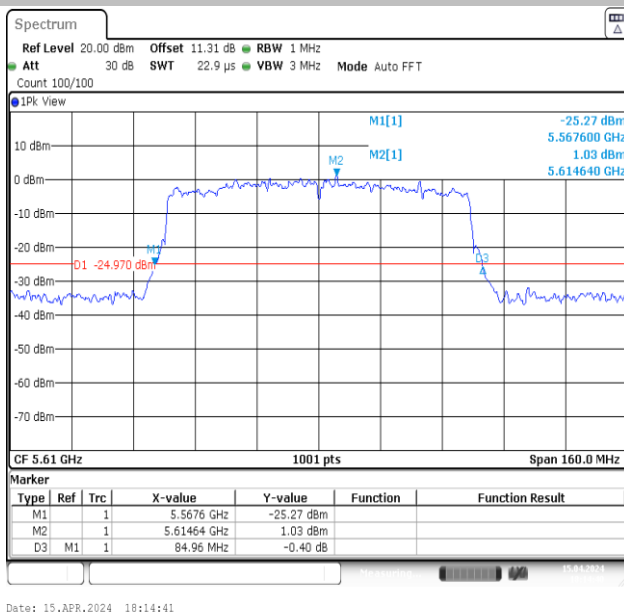


11AX80MIMO-Ant1-5290

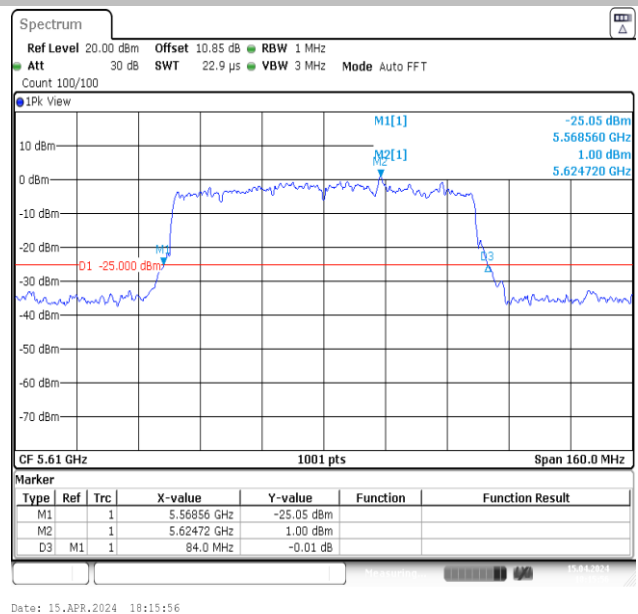
11AX80MIMO-Ant2-5290



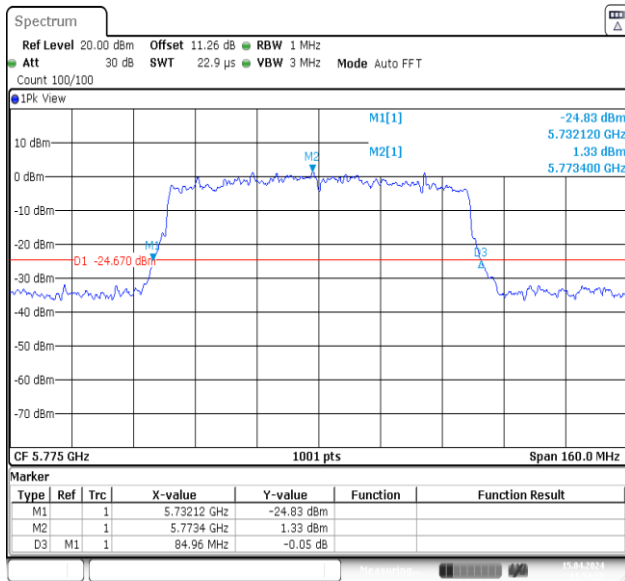
11AX80MIMO-Ant1-5530



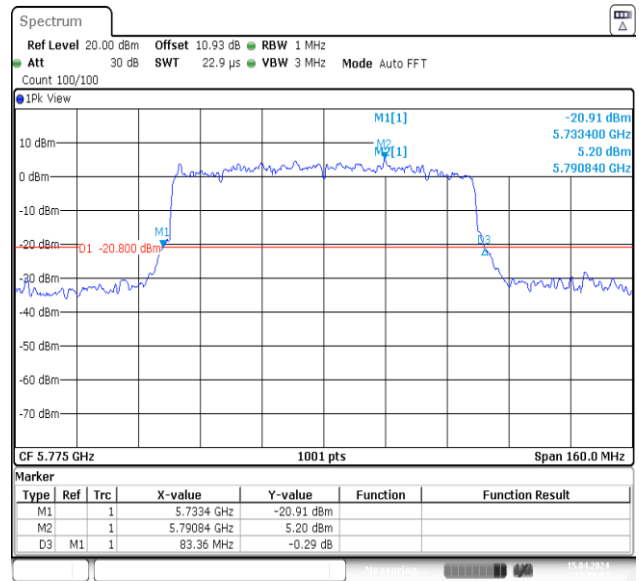
11AX80MIMO-Ant1-5610



11AX80MIMO-Ant2-5610



11AX80MIMO-Ant1-5775



11AX80MIMO-Ant2-5775



Appendix A2: Occupied channel bandwidth

Test Result

Test Mode	Antenna	Freq(MHz)	OCB [MHz]	FL[MHz]	FH[MHz]	Limit[MHz]	Verdict
11A	Ant1	5180	17.223	5171.3686	5188.5914	---	---
11A	Ant2	5180	16.903	5171.4086	5188.3117	---	---
11A	Ant1	5200	17.143	5191.4086	5208.5514	---	---
11A	Ant2	5200	17.143	5191.5285	5208.6713	---	---
11A	Ant1	5240	17.103	5231.4885	5248.5914	---	---
11A	Ant2	5240	17.303	5231.3686	5248.6713	---	---
11A	Ant1	5260	17.023	5251.4885	5268.5115	---	---
11A	Ant2	5260	17.103	5251.4486	5268.5514	---	---
11A	Ant1	5280	17.183	5271.3287	5288.5115	---	---
11A	Ant2	5280	16.903	5271.5285	5288.4316	---	---
11A	Ant1	5320	17.023	5311.3686	5328.3916	---	---
11A	Ant2	5320	16.823	5311.5285	5328.3516	---	---
11A	Ant1	5500	16.783	5491.6084	5508.3916	---	---
11A	Ant2	5500	17.502	5491.2488	5508.7512	---	---
11A	Ant1	5580	16.983	5571.5285	5588.5115	---	---
11A	Ant2	5580	16.903	5571.5285	5588.4316	---	---
11A	Ant1	5700	16.943	5691.6084	5708.5514	---	---
11A	Ant2	5700	16.943	5691.3287	5708.2717	---	---
11A	Ant1	5745	16.943	5736.5285	5753.4715	---	---
11A	Ant2	5745	17.263	5736.4885	5753.7512	---	---
11A	Ant1	5785	17.103	5776.6084	5793.7113	---	---
11A	Ant2	5785	16.943	5776.5285	5793.4715	---	---
11A	Ant1	5825	16.823	5816.4885	5833.3117	---	---
11A	Ant2	5825	17.103	5816.3287	5833.4316	---	---
11N20MIMO	Ant1	5180	17.942	5171.0889	5189.0310	---	---
11N20MIMO	Ant2	5180	18.022	5170.8492	5188.8711	---	---
11N20MIMO	Ant1	5200	17.982	5191.0490	5209.0310	---	---
11N20MIMO	Ant2	5200	17.822	5191.0090	5208.8312	---	---
11N20MIMO	Ant1	5240	17.982	5230.8092	5248.7912	---	---
11N20MIMO	Ant2	5240	17.982	5230.9291	5248.9111	---	---
11N20MIMO	Ant1	5260	18.102	5251.0490	5269.1508	---	---
11N20MIMO	Ant2	5260	17.862	5251.1289	5268.9910	---	---
11N20MIMO	Ant1	5280	17.902	5271.0889	5288.9910	---	---
11N20MIMO	Ant2	5280	18.262	5270.8092	5289.0709	---	---
11N20MIMO	Ant1	5320	17.822	5311.0889	5328.9111	---	---
11N20MIMO	Ant2	5320	17.822	5311.0090	5328.8312	---	---
11N20MIMO	Ant1	5500	17.982	5491.0090	5508.9910	---	---
11N20MIMO	Ant2	5500	17.862	5491.0090	5508.8711	---	---



11N20MIMO	Ant1	5580	18.302	5570.8891	5589.1908	---	---
11N20MIMO	Ant2	5580	18.102	5570.9291	5589.0310	---	---
11N20MIMO	Ant1	5700	17.822	5691.0490	5708.8711	---	---
11N20MIMO	Ant2	5700	18.222	5690.9291	5709.1508	---	---
11N20MIMO	Ant1	5745	17.902	5735.9690	5753.8711	---	---
11N20MIMO	Ant2	5745	18.102	5735.8092	5753.9111	---	---
11N20MIMO	Ant1	5785	17.862	5776.1289	5793.9910	---	---
11N20MIMO	Ant2	5785	18.142	5775.9291	5794.0709	---	---
11N20MIMO	Ant1	5825	17.822	5816.0889	5833.9111	---	---
11N20MIMO	Ant2	5825	17.902	5815.9291	5833.8312	---	---
11N40MIMO	Ant1	5190	36.603	5171.6184	5208.2218	---	---
11N40MIMO	Ant2	5190	36.763	5171.6184	5208.3816	---	---
11N40MIMO	Ant1	5230	36.523	5211.5385	5248.0619	---	---
11N40MIMO	Ant2	5230	36.284	5211.8581	5248.1419	---	---
11N40MIMO	Ant1	5270	36.124	5251.8581	5287.9820	---	---
11N40MIMO	Ant2	5270	36.204	5251.8581	5288.0619	---	---
11N40MIMO	Ant1	5310	36.284	5291.7782	5328.0619	---	---
11N40MIMO	Ant2	5310	36.204	5291.8581	5328.0619	---	---
11N40MIMO	Ant1	5510	36.763	5491.5385	5528.3017	---	---
11N40MIMO	Ant2	5510	36.364	5491.7782	5528.1419	---	---
11N40MIMO	Ant1	5550	36.364	5531.6184	5567.9820	---	---
11N40MIMO	Ant2	5550	36.683	5531.4585	5568.1419	---	---
11N40MIMO	Ant1	5670	36.444	5651.6983	5688.1419	---	---
11N40MIMO	Ant2	5670	36.284	5651.8581	5688.1419	---	---
11N40MIMO	Ant1	5755	36.603	5736.6983	5773.3017	---	---
11N40MIMO	Ant2	5755	36.124	5736.9381	5773.0619	---	---
11N40MIMO	Ant1	5795	37.243	5776.6983	5813.9411	---	---
11N40MIMO	Ant2	5795	36.284	5776.6983	5812.9820	---	---
11AC20MIMO	Ant1	5180	18.142	5171.0090	5189.1508	---	---
11AC20MIMO	Ant2	5180	17.782	5171.0490	5188.8312	---	---
11AC20MIMO	Ant1	5200	18.142	5190.8092	5208.9510	---	---
11AC20MIMO	Ant2	5200	17.862	5191.0490	5208.9111	---	---
11AC20MIMO	Ant1	5240	18.102	5230.8492	5248.9510	---	---
11AC20MIMO	Ant2	5240	18.142	5230.8492	5248.9910	---	---
11AC20MIMO	Ant1	5260	18.022	5251.0090	5269.0310	---	---
11AC20MIMO	Ant2	5260	17.862	5251.0490	5268.9111	---	---
11AC20MIMO	Ant1	5280	18.222	5270.7692	5288.9910	---	---
11AC20MIMO	Ant2	5280	17.822	5271.0490	5288.8711	---	---
11AC20MIMO	Ant1	5320	18.062	5311.0090	5329.0709	---	---
11AC20MIMO	Ant2	5320	17.782	5311.0889	5328.8711	---	---
11AC20MIMO	Ant1	5500	18.182	5490.9291	5509.1109	---	---
11AC20MIMO	Ant2	5500	17.742	5491.1289	5508.8711	---	---



11AC20MIMO	Ant1	5580	18.102	5570.8492	5588.9510	---	---
11AC20MIMO	Ant2	5580	17.822	5571.0490	5588.8711	---	---
11AC20MIMO	Ant1	5700	18.142	5690.8891	5709.0310	---	---
11AC20MIMO	Ant2	5700	18.102	5690.8492	5708.9510	---	---
11AC20MIMO	Ant1	5745	18.262	5735.7692	5754.0310	---	---
11AC20MIMO	Ant2	5745	17.782	5736.1289	5753.9111	---	---
11AC20MIMO	Ant1	5785	18.102	5776.0490	5794.1508	---	---
11AC20MIMO	Ant2	5785	17.902	5776.0490	5793.9510	---	---
11AC20MIMO	Ant1	5825	18.222	5815.8492	5834.0709	---	---
11AC20MIMO	Ant2	5825	18.022	5815.8492	5833.8711	---	---
11AC40MIMO	Ant1	5190	36.683	5171.6184	5208.3017	---	---
11AC40MIMO	Ant2	5190	36.284	5171.7782	5208.0619	---	---
11AC40MIMO	Ant1	5230	36.444	5211.7782	5248.2218	---	---
11AC40MIMO	Ant2	5230	36.523	5211.7782	5248.3017	---	---
11AC40MIMO	Ant1	5270	36.683	5251.5385	5288.2218	---	---
11AC40MIMO	Ant2	5270	36.603	5251.6983	5288.3017	---	---
11AC40MIMO	Ant1	5310	36.284	5291.8581	5328.1419	---	---
11AC40MIMO	Ant2	5310	36.204	5291.9381	5328.1419	---	---
11AC40MIMO	Ant1	5510	36.364	5491.7782	5528.1419	---	---
11AC40MIMO	Ant2	5510	36.284	5491.8581	5528.1419	---	---
11AC40MIMO	Ant1	5550	36.523	5531.6983	5568.2218	---	---
11AC40MIMO	Ant2	5550	36.204	5531.9381	5568.1419	---	---
11AC40MIMO	Ant1	5670	36.444	5651.9381	5688.3816	---	---
11AC40MIMO	Ant2	5670	36.603	5651.7782	5688.3816	---	---
11AC40MIMO	Ant1	5755	36.444	5736.7782	5773.2218	---	---
11AC40MIMO	Ant2	5755	36.444	5736.6983	5773.1419	---	---
11AC40MIMO	Ant1	5795	36.124	5776.8581	5812.9820	---	---
11AC40MIMO	Ant2	5795	36.124	5776.9381	5813.0619	---	---
11AC80MIMO	Ant1	5210	76.084	5171.9580	5248.0420	---	---
11AC80MIMO	Ant2	5210	75.764	5172.1179	5247.8821	---	---
11AC80MIMO	Ant1	5290	76.404	5251.6384	5328.0420	---	---
11AC80MIMO	Ant2	5290	75.924	5251.7982	5327.7223	---	---
11AC80MIMO	Ant1	5530	75.924	5491.9580	5567.8821	---	---
11AC80MIMO	Ant2	5530	76.084	5491.9580	5568.0420	---	---
11AC80MIMO	Ant1	5610	76.883	5571.7982	5648.6813	---	---
11AC80MIMO	Ant2	5610	76.084	5571.7982	5647.8821	---	---
11AC80MIMO	Ant1	5775	76.244	5736.9580	5813.2018	---	---
11AC80MIMO	Ant2	5775	75.445	5737.4376	5812.8821	---	---
11AX20MIMO	Ant1	5180	18.901	5170.5694	5189.4705	---	---
11AX20MIMO	Ant2	5180	18.941	5170.5295	5189.4705	---	---
11AX20MIMO	Ant1	5200	19.101	5190.4496	5209.5504	---	---
11AX20MIMO	Ant2	5200	19.101	5190.3696	5209.4705	---	---



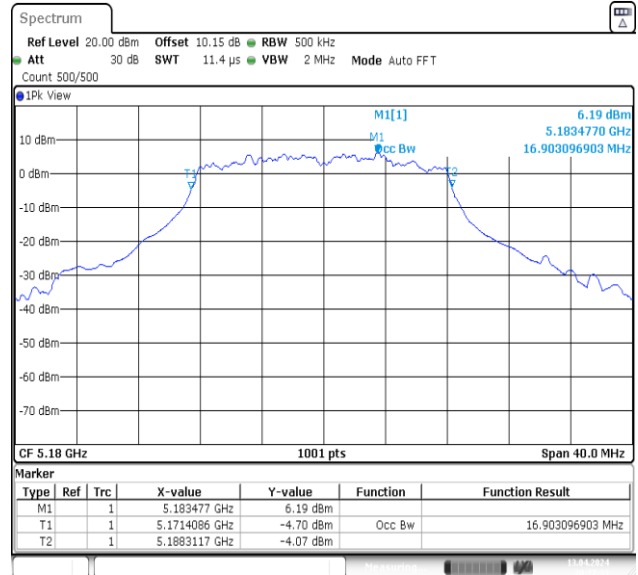
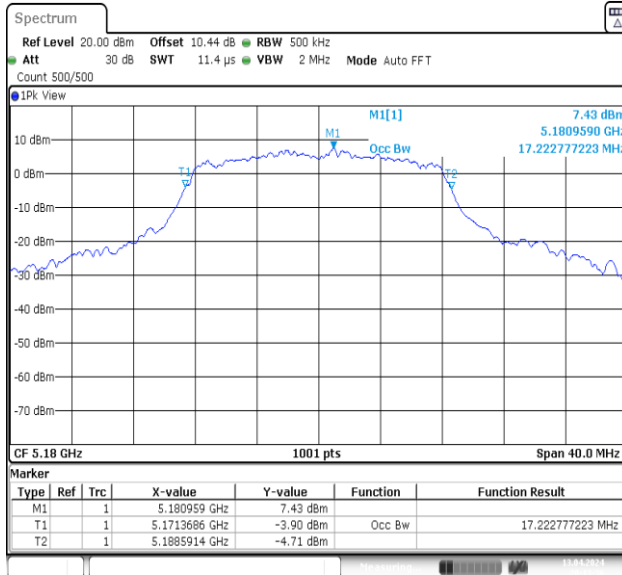
11AX20MIMO	Ant1	5240	18.981	5230.5295	5249.5105	---	---
11AX20MIMO	Ant2	5240	18.981	5230.4895	5249.4705	---	---
11AX20MIMO	Ant1	5260	19.141	5250.4096	5269.5504	---	---
11AX20MIMO	Ant2	5260	18.941	5250.4895	5269.4306	---	---
11AX20MIMO	Ant1	5280	19.061	5270.4895	5289.5504	---	---
11AX20MIMO	Ant2	5280	18.901	5270.4895	5289.3906	---	---
11AX20MIMO	Ant1	5320	19.061	5310.4496	5329.5105	---	---
11AX20MIMO	Ant2	5320	19.181	5310.3696	5329.5504	---	---
11AX20MIMO	Ant1	5500	19.101	5490.3297	5509.4306	---	---
11AX20MIMO	Ant2	5500	18.941	5490.4895	5509.4306	---	---
11AX20MIMO	Ant1	5580	18.981	5570.4895	5589.4705	---	---
11AX20MIMO	Ant2	5580	18.901	5570.4895	5589.3906	---	---
11AX20MIMO	Ant1	5700	19.141	5690.4096	5709.5504	---	---
11AX20MIMO	Ant2	5700	18.861	5690.6094	5709.4705	---	---
11AX20MIMO	Ant1	5745	18.861	5735.5694	5754.4306	---	---
11AX20MIMO	Ant2	5745	18.981	5735.4895	5754.4705	---	---
11AX20MIMO	Ant1	5785	19.021	5775.4895	5794.5105	---	---
11AX20MIMO	Ant2	5785	18.981	5775.5295	5794.5105	---	---
11AX20MIMO	Ant1	5825	19.181	5815.3696	5834.5504	---	---
11AX20MIMO	Ant2	5825	18.901	5815.5295	5834.4306	---	---
11AX40MIMO	Ant1	5190	37.802	5171.0589	5208.8611	---	---
11AX40MIMO	Ant2	5190	37.722	5171.1389	5208.8611	---	---
11AX40MIMO	Ant1	5230	37.882	5211.0589	5248.9411	---	---
11AX40MIMO	Ant2	5230	37.962	5211.0589	5249.0210	---	---
11AX40MIMO	Ant1	5270	37.802	5250.8991	5288.7013	---	---
11AX40MIMO	Ant2	5270	38.042	5250.8192	5288.8611	---	---
11AX40MIMO	Ant1	5310	38.122	5290.7393	5328.8611	---	---
11AX40MIMO	Ant2	5310	37.562	5291.1389	5328.7013	---	---
11AX40MIMO	Ant1	5510	38.442	5490.5794	5529.0210	---	---
11AX40MIMO	Ant2	5510	38.282	5490.5794	5528.8611	---	---
11AX40MIMO	Ant1	5550	37.882	5530.9790	5568.8611	---	---
11AX40MIMO	Ant2	5550	37.882	5530.8991	5568.7812	---	---
11AX40MIMO	Ant1	5670	37.802	5650.9790	5688.7812	---	---
11AX40MIMO	Ant2	5670	37.962	5650.9790	5688.9411	---	---
11AX40MIMO	Ant1	5755	37.722	5736.0589	5773.7812	---	---
11AX40MIMO	Ant2	5755	37.882	5735.9790	5773.8611	---	---
11AX40MIMO	Ant1	5795	37.962	5776.0589	5814.0210	---	---
11AX40MIMO	Ant2	5795	37.962	5775.8192	5813.7812	---	---
11AX80MIMO	Ant1	5210	77.522	5171.1588	5248.6813	---	---
11AX80MIMO	Ant2	5210	77.522	5171.1588	5248.6813	---	---
11AX80MIMO	Ant1	5290	77.203	5251.3187	5328.5215	---	---
11AX80MIMO	Ant2	5290	77.203	5251.1588	5328.3616	---	---



11AX80MIMO	Ant1	5530	77.363	5491.3187	5568.6813	---	---
11AX80MIMO	Ant2	5530	77.522	5491.3187	5568.8412	---	---
11AX80MIMO	Ant1	5610	77.682	5570.9990	5648.6813	---	---
11AX80MIMO	Ant2	5610	77.682	5570.8392	5648.5215	---	---
11AX80MIMO	Ant1	5775	77.522	5736.1588	5813.6813	---	---
11AX80MIMO	Ant2	5775	77.363	5736.4785	5813.8412	---	---

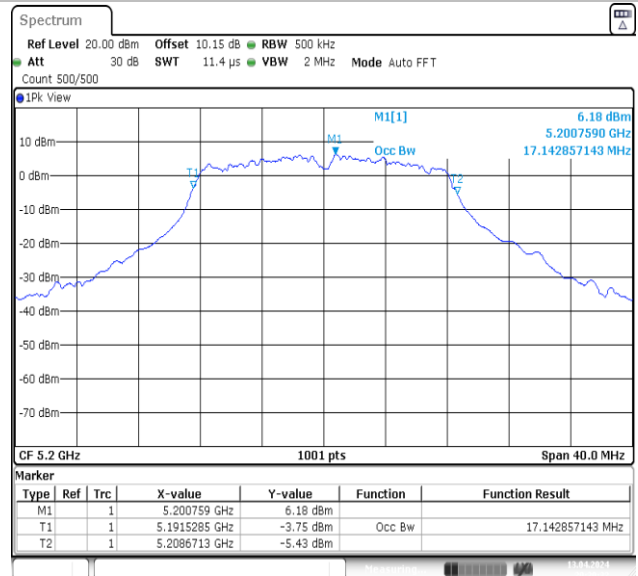


Test Graphs



11A-Ant1-5180

11A-Ant2-5180



11A-Ant1-5200

11A-Ant2-5200