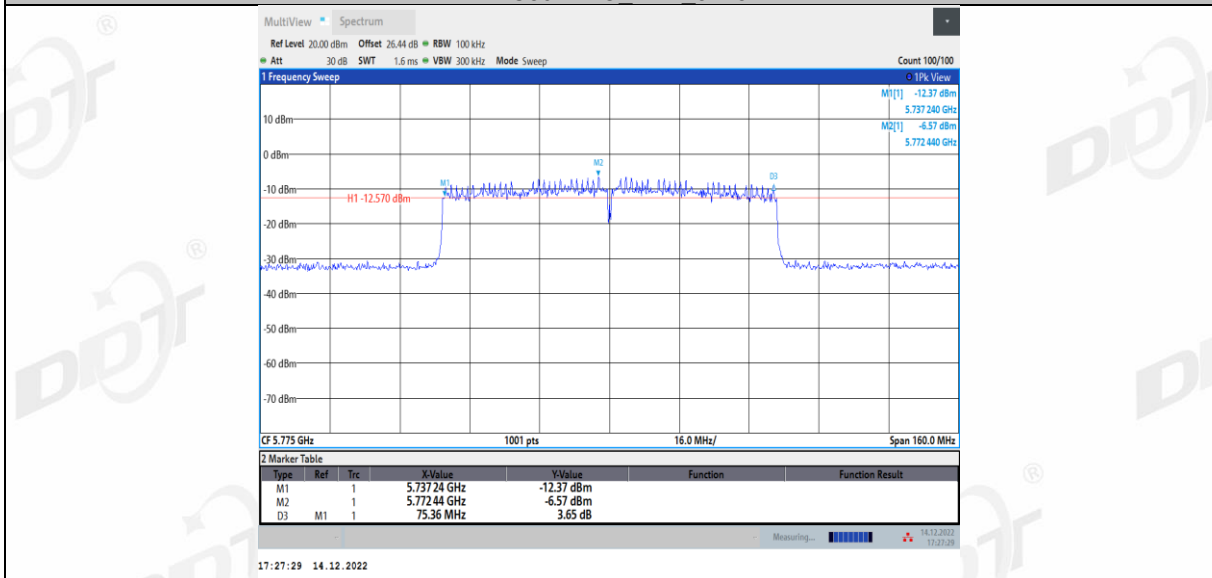
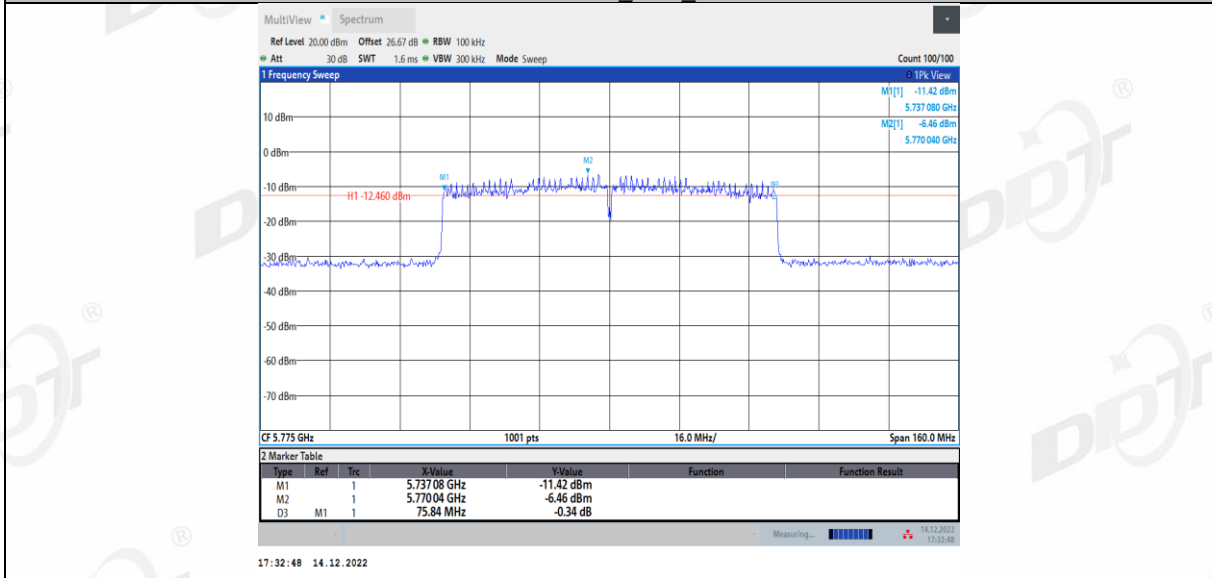


11AC80MIMO Ant1 5775

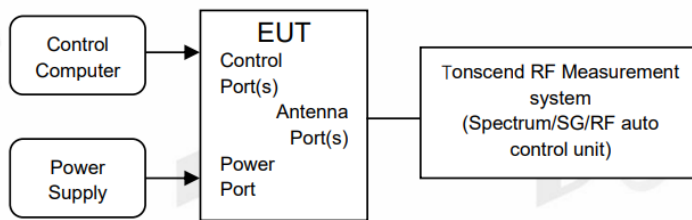


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6. 99% Bandwidth

6.1. Block diagram of test setup



6.2. Limits

Just for Report.

6.3. Test procedure

(1) Connect EUT's antenna output to spectrum analyzer by RF cable.

Center Frequency	The center frequency of the channel under test
Detector	Peak
RBW	1% to 5% of the OBW
VBW	approximately three times the RBW
Trace	Max hold

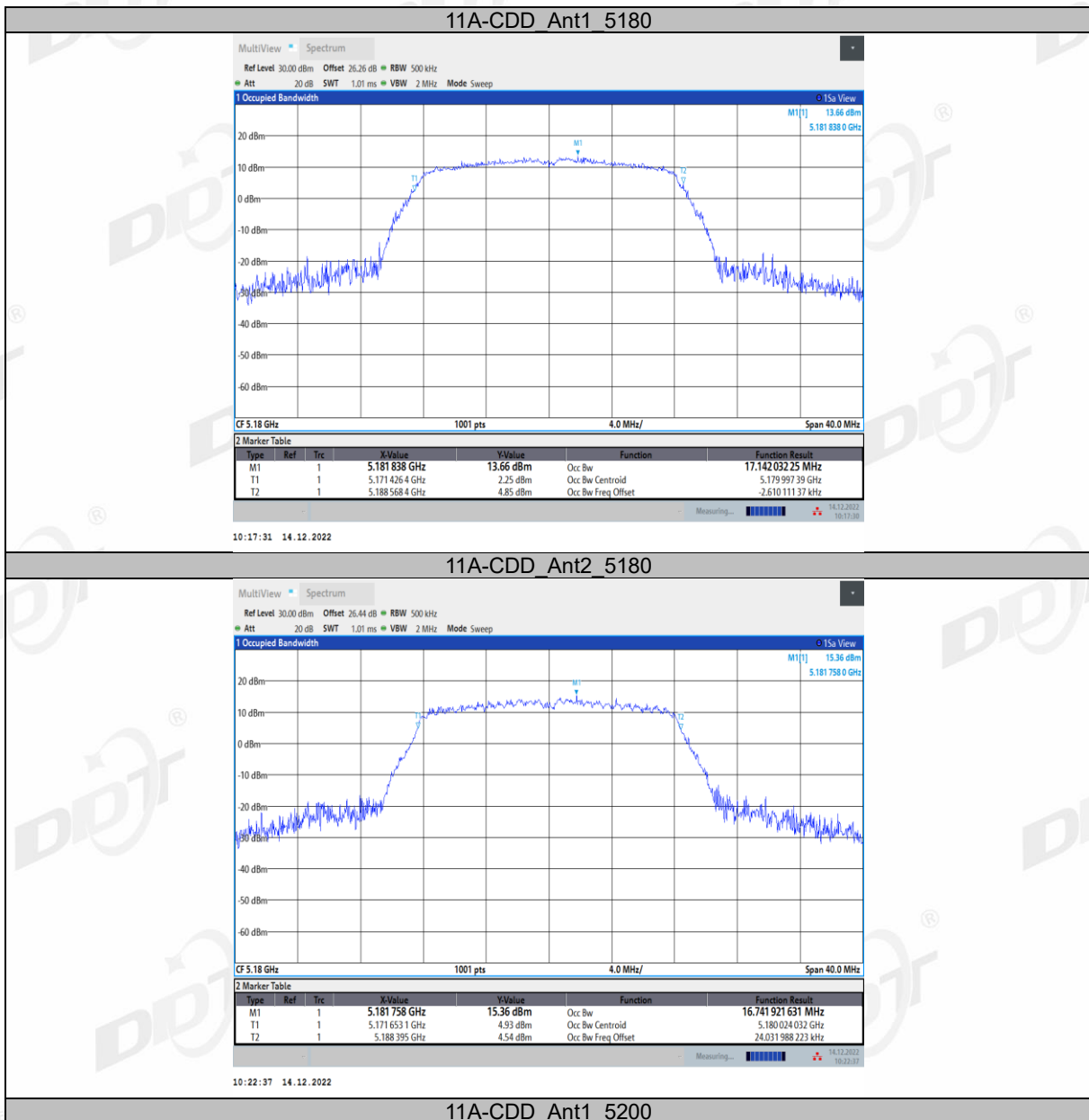
Use the 99% power bandwidth function of the instrument (if available) and report the measured bandwidth.

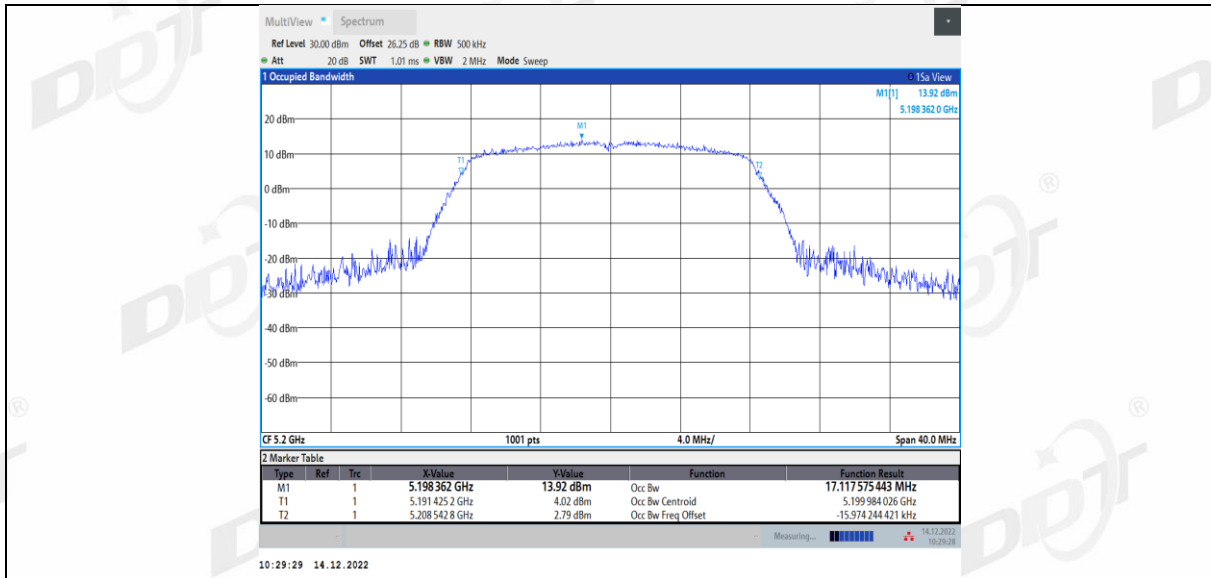
6.4. Test result

Test Mode	Antenna	Frequency[MHz]	OCB [MHz]	FL[MHz]	FH[MHz]	Limit[MHz]	Verdict
11A-CDD	Ant1	5180	17.142	5171.4264	5188.5684	---	---
	Ant2	5180	16.742	5171.6531	5188.3950	---	---
	Ant1	5200	17.118	5191.4252	5208.5428	---	---
	Ant2	5200	16.746	5191.6129	5208.3592	---	---
	Ant1	5240	17.162	5231.4035	5248.5653	---	---
	Ant2	5240	16.765	5231.6006	5248.3656	---	---
	Ant1	5260	17.124	5251.4230	5268.5469	---	---
	Ant2	5260	16.722	5251.6084	5268.3304	---	---
	Ant1	5280	17.115	5271.4223	5288.5369	---	---
	Ant2	5280	16.725	5271.6115	5288.3362	---	---
	Ant1	5320	17.16	5311.4058	5328.5655	---	---
	Ant2	5320	16.73	5311.5985	5328.3283	---	---
	Ant1	5500	17.138	5491.4262	5508.5639	---	---
	Ant2	5500	16.737	5491.6240	5508.3613	---	---
	Ant1	5580	17.15	5571.3930	5588.5431	---	---
	Ant2	5580	16.735	5571.5802	5588.3155	---	---
	Ant1	5700	17.108	5691.4135	5708.5213	---	---
	Ant2	5700	16.741	5691.6071	5708.3480	---	---
	Ant1	5745	17.114	5736.4147	5753.5282	---	---
	Ant2	5745	16.703	5736.6339	5753.3373	---	---
	Ant1	5785	17.095	5776.4449	5793.5403	---	---
	Ant2	5785	16.788	5776.5955	5793.3836	---	---
	Ant1	5825	17.179	5816.3770	5833.5560	---	---
	Ant2	5825	16.752	5816.6263	5833.3783	---	---
11N20MIMO	Ant1	5180	17.997	5170.9884	5188.9858	---	---
	Ant2	5180	17.735	5171.1393	5188.8746	---	---
	Ant1	5200	18.037	5190.9850	5209.0222	---	---
	Ant2	5200	17.752	5191.0922	5208.8444	---	---
	Ant1	5240	18.005	5230.9793	5248.9844	---	---
	Ant2	5240	17.763	5231.0899	5248.8532	---	---
	Ant1	5260	17.973	5250.9843	5268.9574	---	---
	Ant2	5260	17.761	5251.0884	5268.8496	---	---
	Ant1	5280	17.973	5270.9920	5288.9646	---	---
	Ant2	5280	17.714	5271.1026	5288.8163	---	---
	Ant1	5320	17.972	5310.9871	5328.9586	---	---
	Ant2	5320	17.72	5311.1103	5328.8302	---	---
	Ant1	5500	17.971	5490.9990	5508.9699	---	---
	Ant2	5500	17.742	5491.1113	5508.8536	---	---
	Ant1	5580	17.966	5570.9814	5588.9476	---	---
	Ant2	5580	17.727	5571.1070	5588.8343	---	---
	Ant1	5700	17.979	5690.9837	5708.9630	---	---
	Ant2	5700	17.725	5691.1089	5708.8337	---	---
	Ant1	5745	17.966	5735.9947	5753.9607	---	---
	Ant2	5745	17.693	5736.1211	5753.8137	---	---
	Ant1	5785	17.957	5776.0130	5793.9701	---	---
	Ant2	5785	17.729	5776.1260	5793.8545	---	---
	Ant1	5825	17.979	5815.9985	5833.9771	---	---
	Ant2	5825	17.761	5816.1159	5833.8766	---	---
11N40MIMO	Ant1	5190	36.299	5171.8592	5208.1585	---	---
	Ant2	5190	36.174	5171.9072	5208.0808	---	---
	Ant1	5230	36.274	5211.8462	5248.1201	---	---
	Ant2	5230	36.268	5211.8570	5248.1251	---	---
	Ant1	5270	36.286	5251.8214	5288.1073	---	---
	Ant2	5270	36.225	5251.8374	5288.0624	---	---
	Ant1	5310	36.327	5291.7837	5328.1110	---	---
	Ant2	5310	36.225	5291.8426	5328.0672	---	---
	Ant1	5510	36.247	5491.8485	5528.0953	---	---
	Ant2	5510	36.214	5491.9045	5528.1181	---	---
	Ant1	5550	36.294	5531.7656	5568.0592	---	---
	Ant2	5550	36.221	5531.8407	5568.0619	---	---

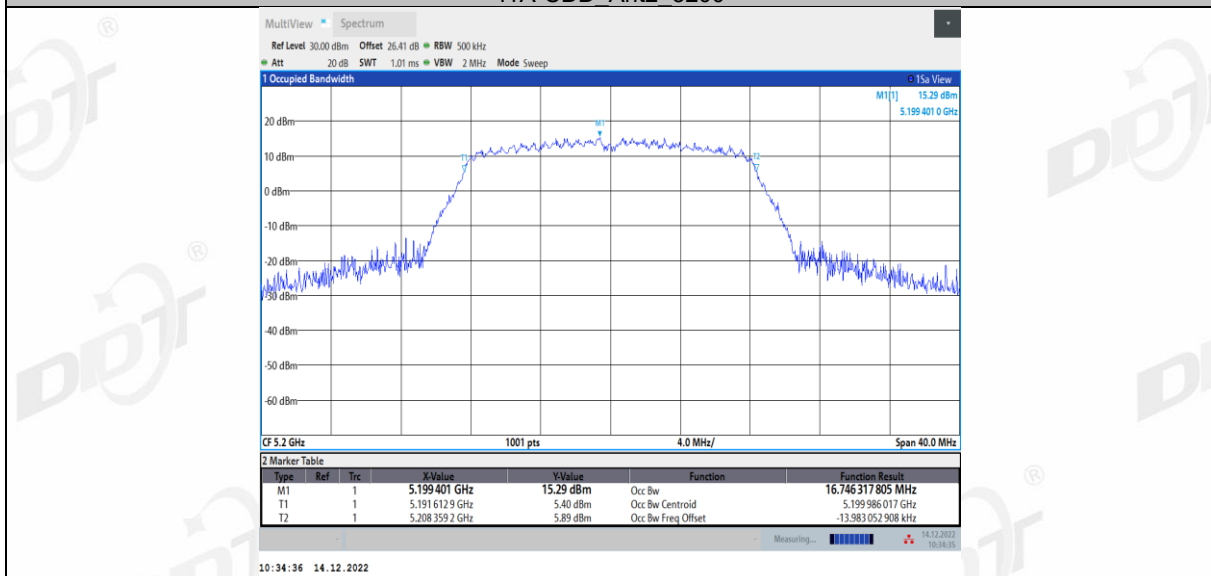
	Ant1	5670	36.314	5651.7999	5688.1144	---	---	
	Ant2	5670	36.224	5651.8087	5688.0332	---	---	
	Ant1	5755	36.202	5736.8252	5773.0274	---	---	
	Ant2	5755	36.176	5736.8577	5773.0337	---	---	
	Ant1	5795	36.234	5776.8710	5813.1052	---	---	
	Ant2	5795	36.099	5776.9171	5813.0160	---	---	
11AC20MIMO	Ant1	5180	17.895	5171.0533	5188.9479	---	---	
	Ant2	5180	17.874	5171.0441	5188.9178	---	---	
	Ant1	5200	17.906	5191.0379	5208.9442	---	---	
	Ant2	5200	17.866	5191.0362	5208.9024	---	---	
	Ant1	5240	17.88	5231.0457	5248.9253	---	---	
	Ant2	5240	17.896	5231.0323	5248.9279	---	---	
	Ant1	5260	17.959	5250.9873	5268.9462	---	---	
	Ant2	5260	17.722	5251.1150	5268.8372	---	---	
	Ant1	5280	17.947	5270.9974	5288.9440	---	---	
	Ant2	5280	17.7	5271.1274	5288.8271	---	---	
	Ant1	5320	17.975	5310.9777	5328.9531	---	---	
	Ant2	5320	17.723	5311.0937	5328.8168	---	---	
	Ant1	5500	18.005	5490.9969	5509.0014	---	---	
	Ant2	5500	17.735	5491.1090	5508.8439	---	---	
	Ant1	5580	18.052	5570.9401	5588.9924	---	---	
	Ant2	5580	17.736	5571.0927	5588.8285	---	---	
	Ant1	5700	18.002	5690.9643	5708.9659	---	---	
	Ant2	5700	17.725	5691.1113	5708.8364	---	---	
	Ant1	5745	17.872	5736.0340	5753.9065	---	---	
	Ant2	5745	17.84	5736.0446	5753.8851	---	---	
	Ant1	5785	17.848	5776.0549	5793.9025	---	---	
	Ant2	5785	17.84	5776.0700	5793.9098	---	---	
	Ant1	5825	17.846	5816.0719	5833.9176	---	---	
	Ant2	5825	17.844	5816.0769	5833.9209	---	---	
11AC40MIMO	Ant1	5190	36.272	5171.8490	5208.1213	---	---	
	Ant2	5190	36.488	5171.8206	5208.3083	---	---	
	Ant1	5230	36.426	5211.7862	5248.2126	---	---	
	Ant2	5230	36.545	5211.7724	5248.3170	---	---	
	Ant1	5270	36.252	5251.8302	5288.0817	---	---	
	Ant2	5270	36.213	5251.8278	5288.0410	---	---	
	Ant1	5310	36.182	5291.8613	5328.0431	---	---	
	Ant2	5310	36.168	5291.8262	5327.9937	---	---	
	Ant1	5510	36.216	5491.8650	5528.0810	---	---	
	Ant2	5510	36.216	5491.9037	5528.1200	---	---	
	Ant1	5550	36.153	5531.9054	5568.0584	---	---	
	Ant2	5550	36.2	5531.8287	5568.0284	---	---	
	Ant1	5670	36.276	5651.8397	5688.1157	---	---	
	Ant2	5670	36.213	5651.8463	5688.0594	---	---	
	Ant1	5755	36.365	5736.7409	5773.1063	---	---	
	Ant2	5755	36.501	5736.7521	5773.2528	---	---	
	Ant1	5795	36.355	5776.8144	5813.1696	---	---	
	Ant2	5795	36.505	5776.7851	5813.2906	---	---	
	11AC80MIMO	Ant1	5210	76.053	5172.0773	5248.1301	---	---
		Ant2	5210	75.852	5172.0898	5247.9417	---	---
Ant1		5290	75.514	5252.1345	5327.6488	---	---	
Ant2		5290	75.375	5252.1815	5327.5567	---	---	
Ant1		5530	75.466	5492.2296	5567.6957	---	---	
Ant2		5530	75.267	5492.3284	5567.5956	---	---	
Ant1		5610	75.561	5572.1380	5647.6995	---	---	
Ant2		5610	75.461	5572.1374	5647.5984	---	---	
Ant1	5775	76.117	5736.9678	5813.0843	---	---		
Ant2	5775	75.931	5736.9746	5812.9051	---	---		

6.5. Test graphs

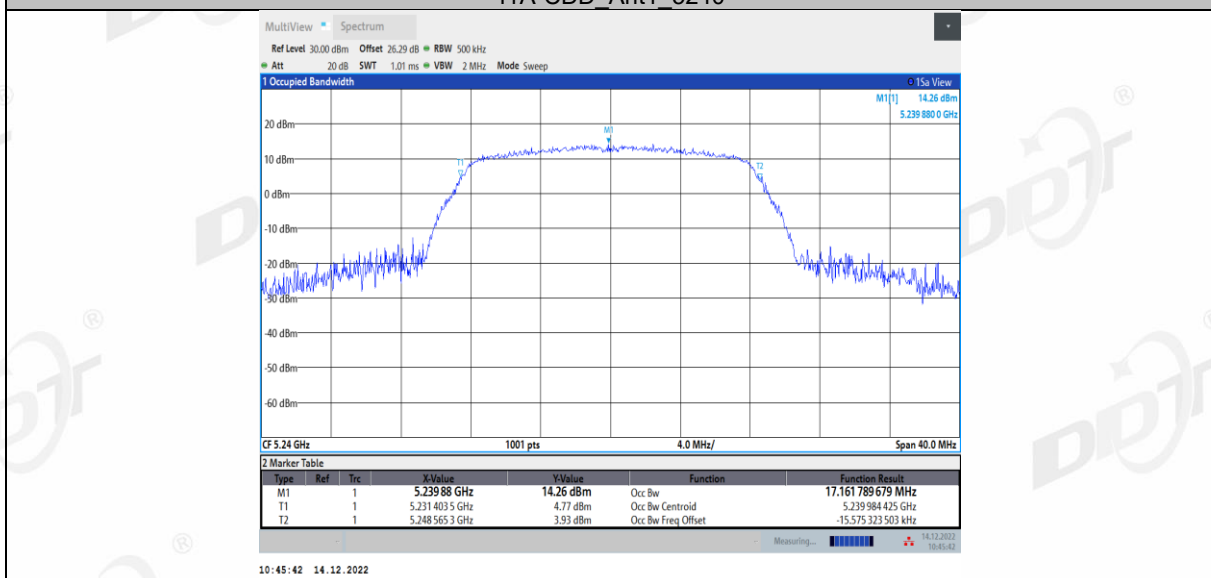




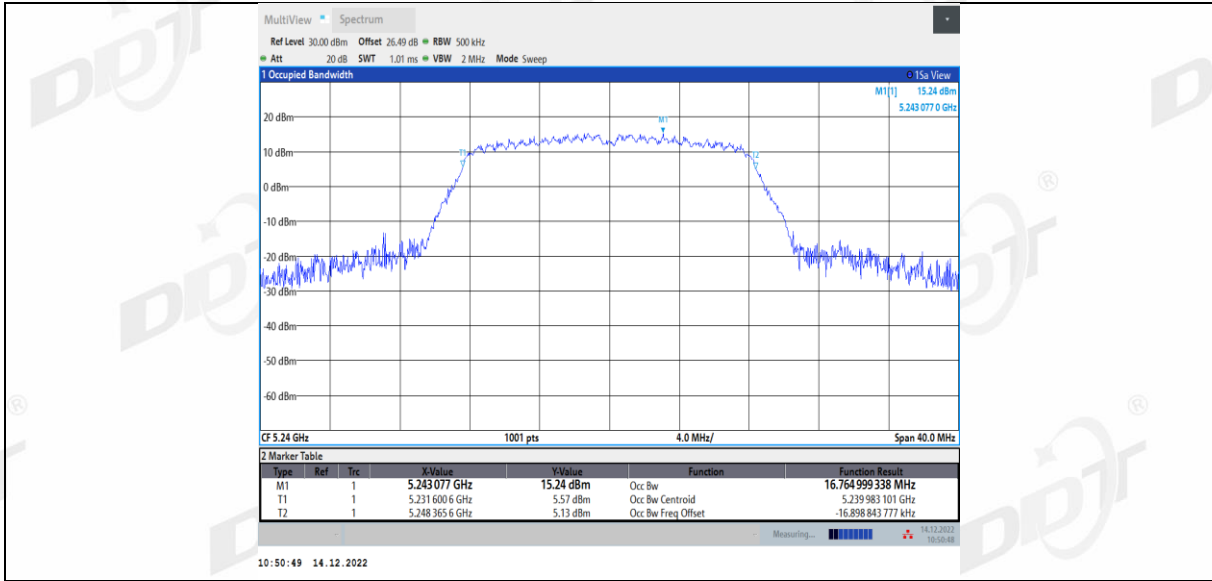
11A-CDD Ant2 5200



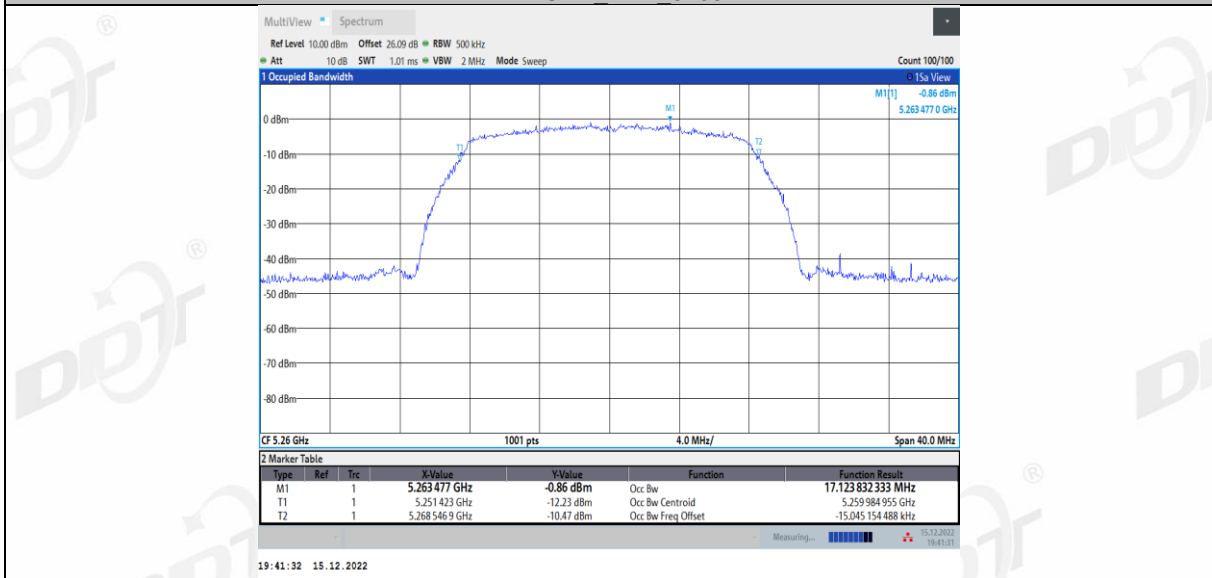
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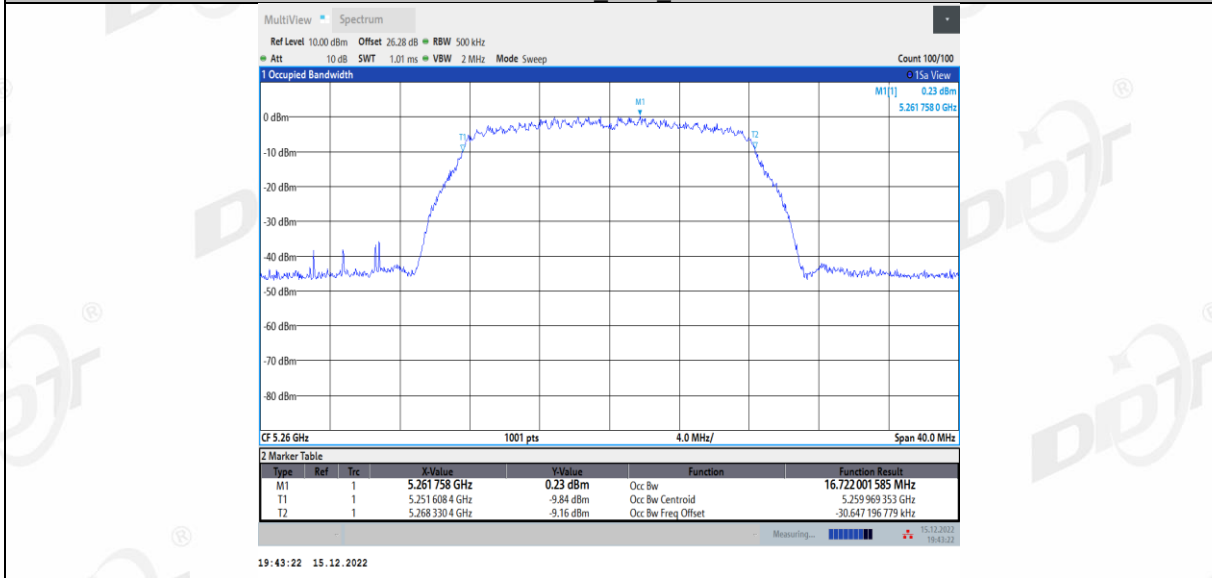
11A-CDD Ant2 5240



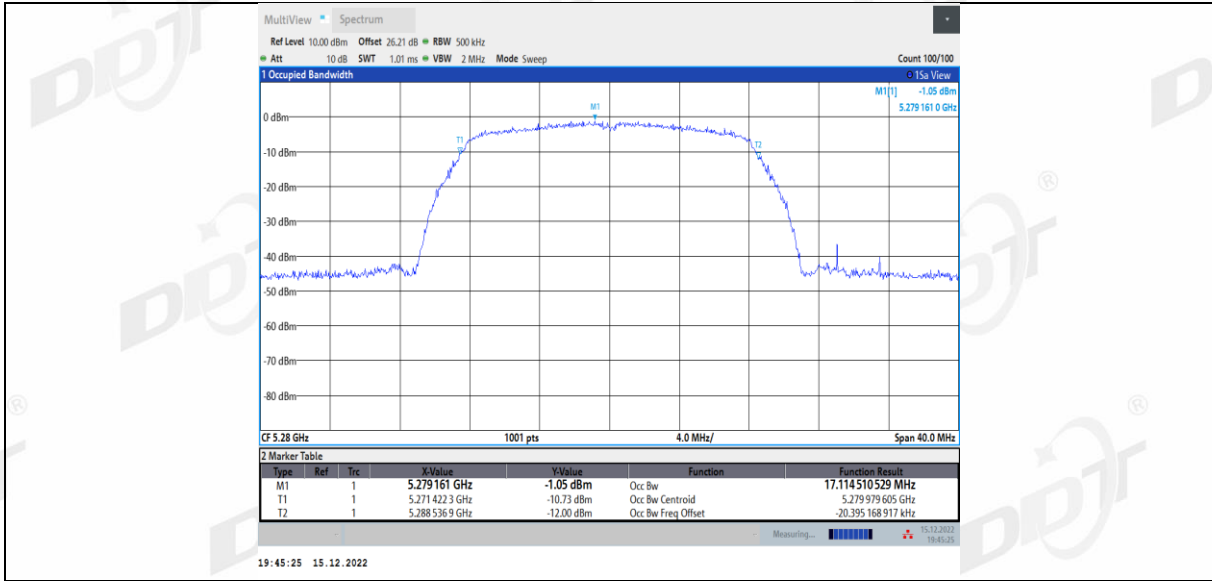
11A-CDD Ant1 5260



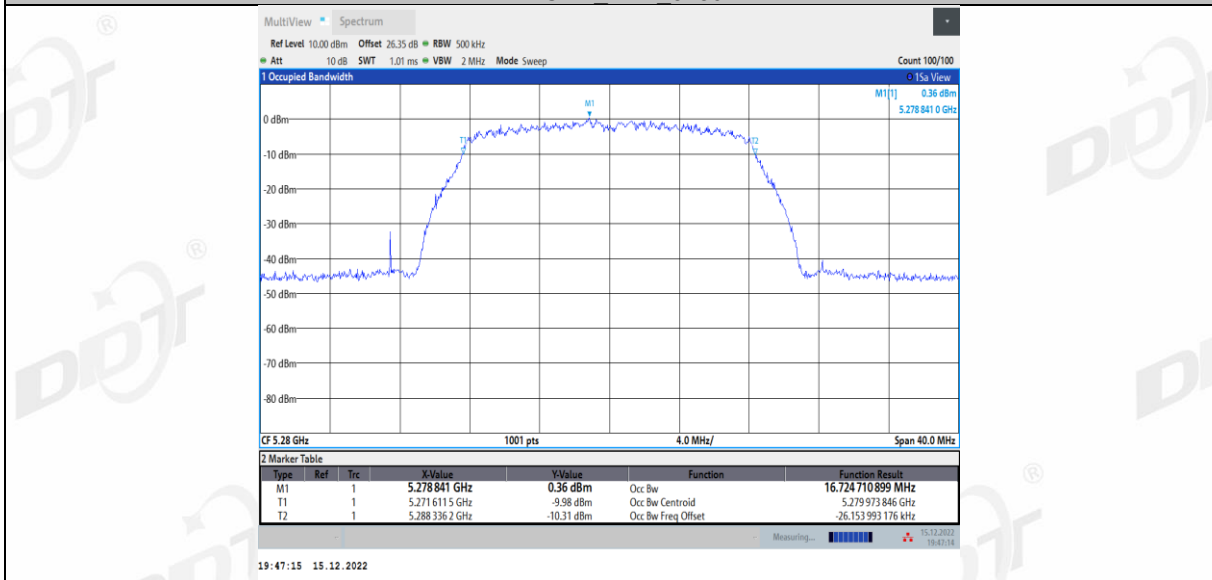
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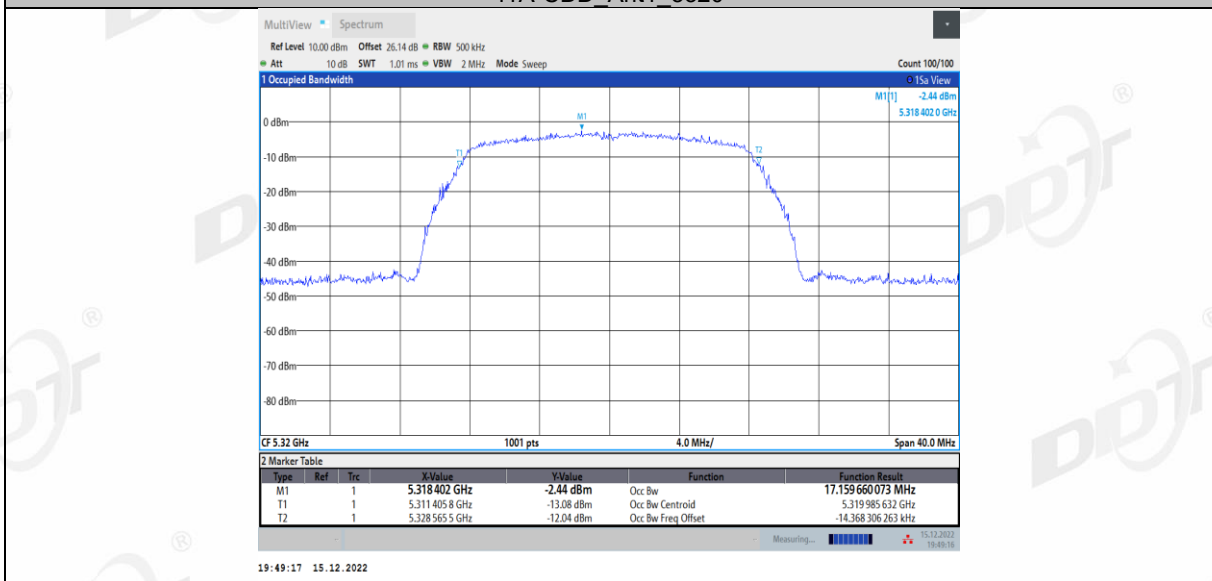
11A-CDD Ant1 5280



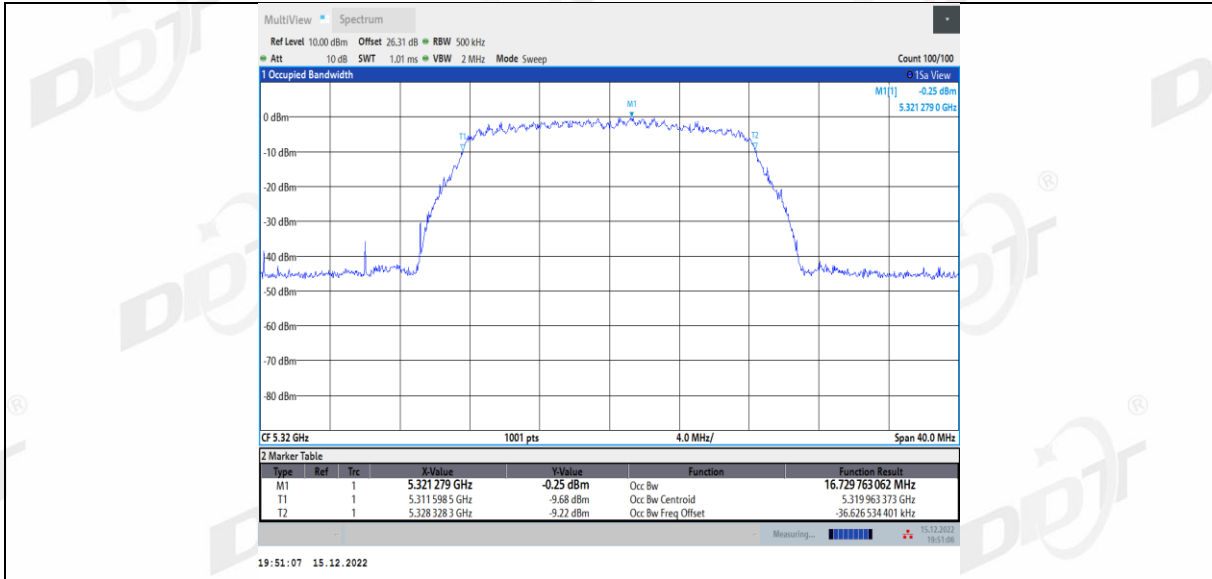
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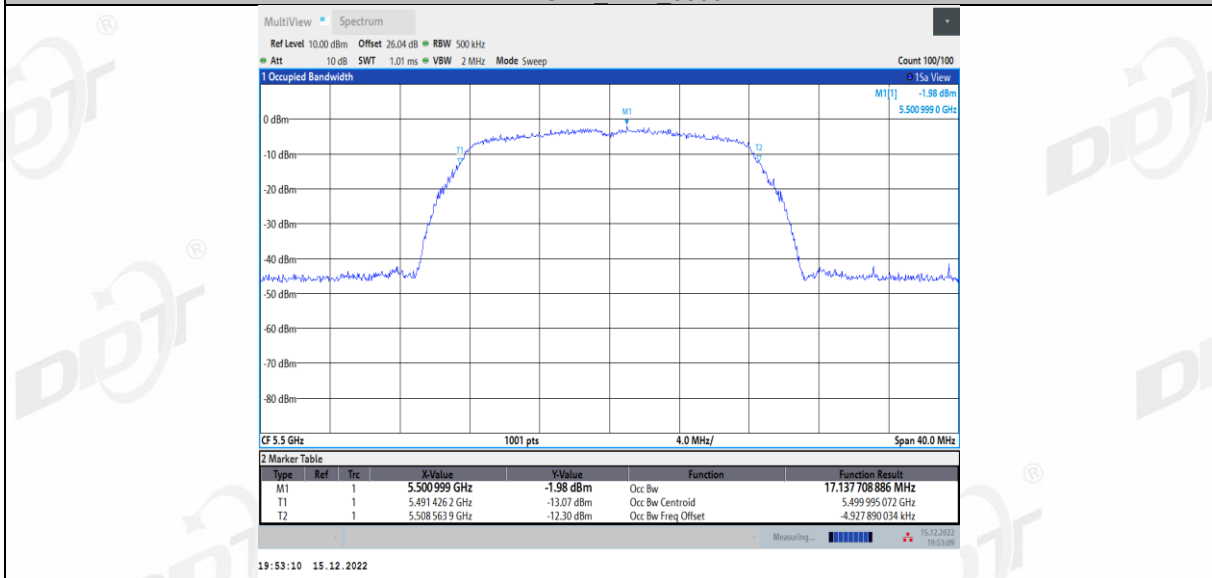
11A-CDD Ant1 5320



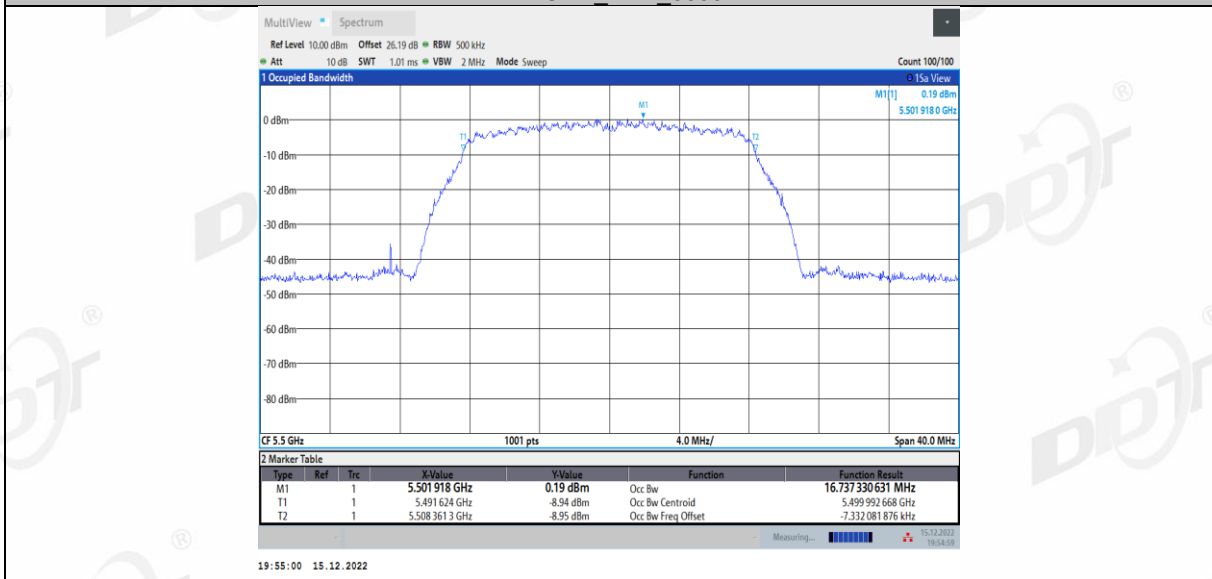
11A-CDD Ant2 5320



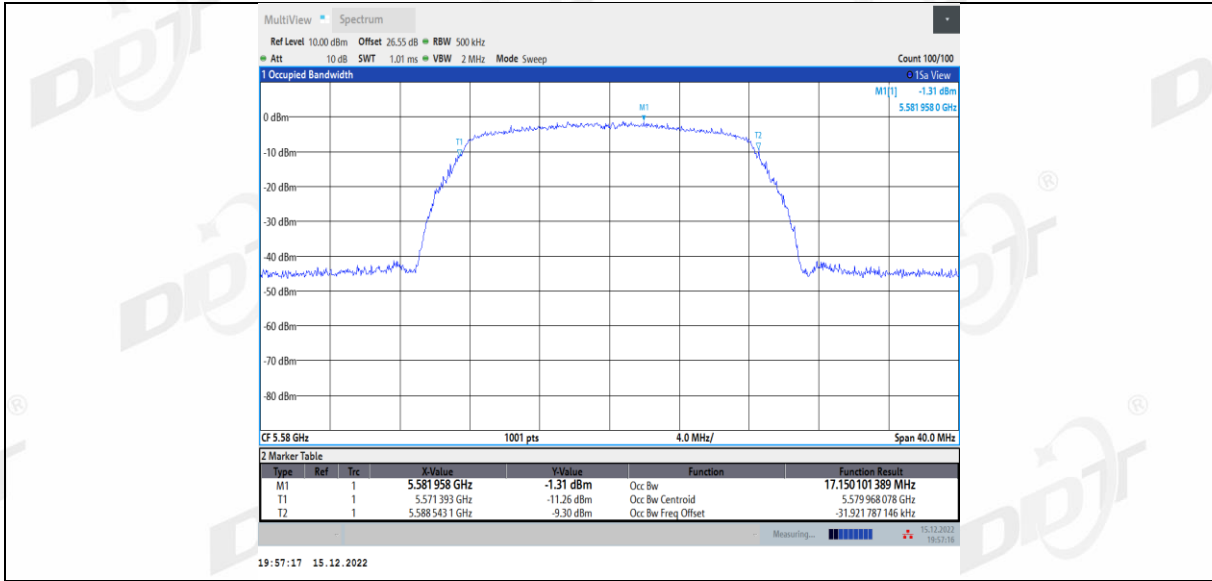
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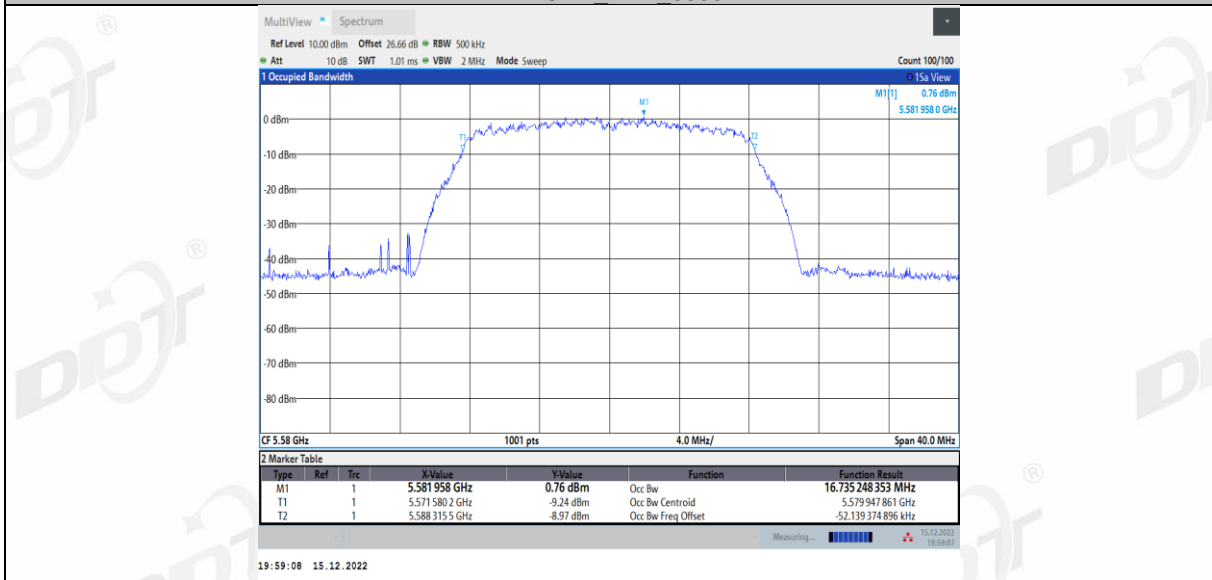
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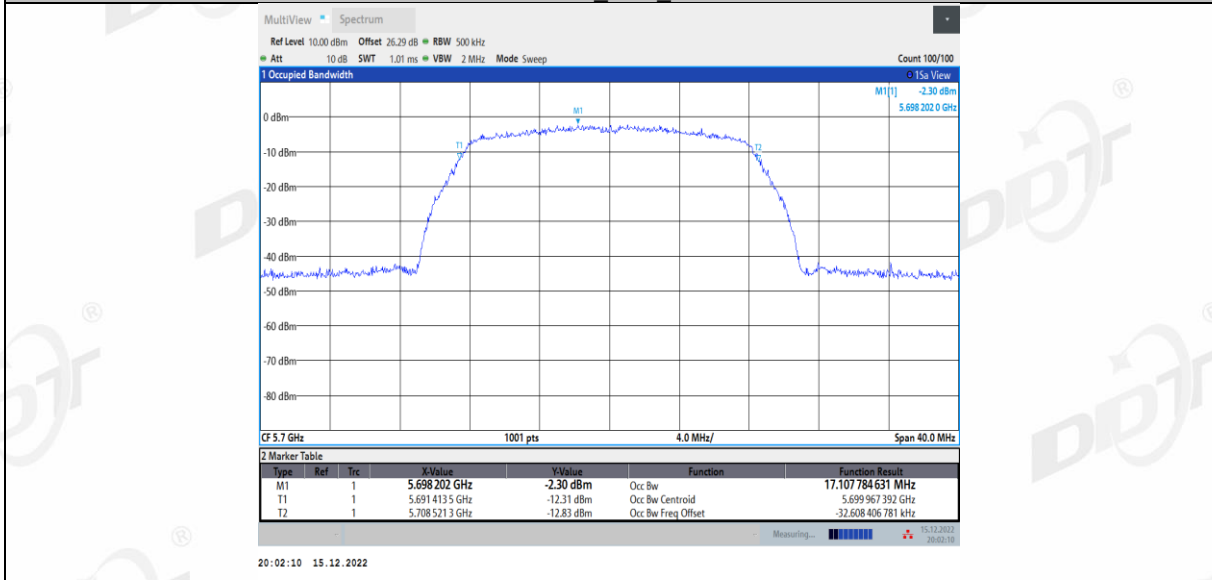
11A-CDD Ant1 5580



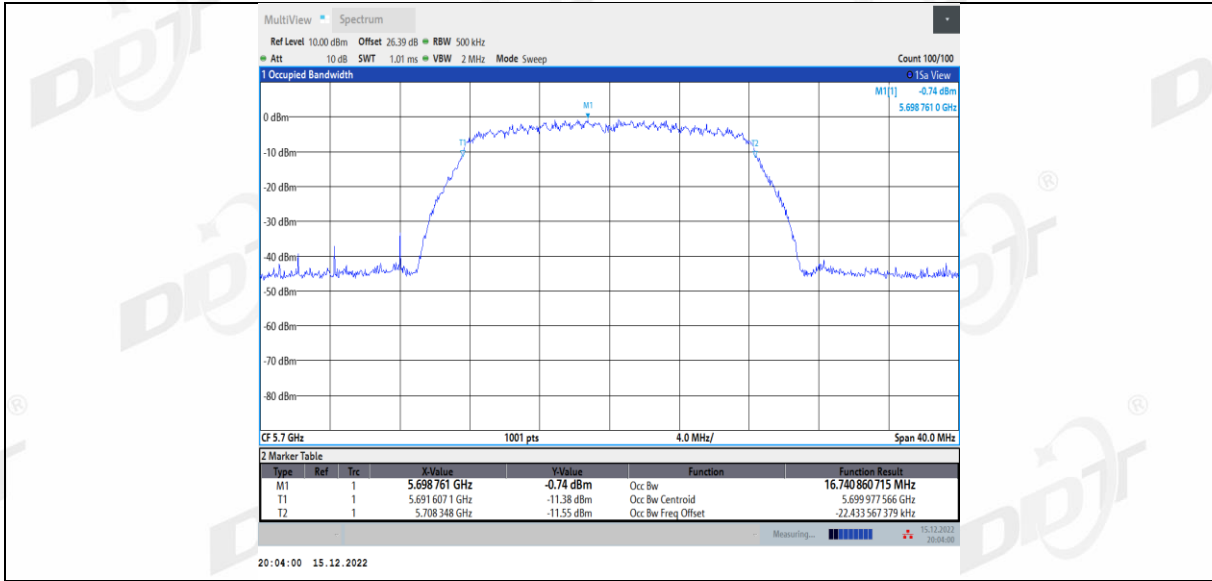
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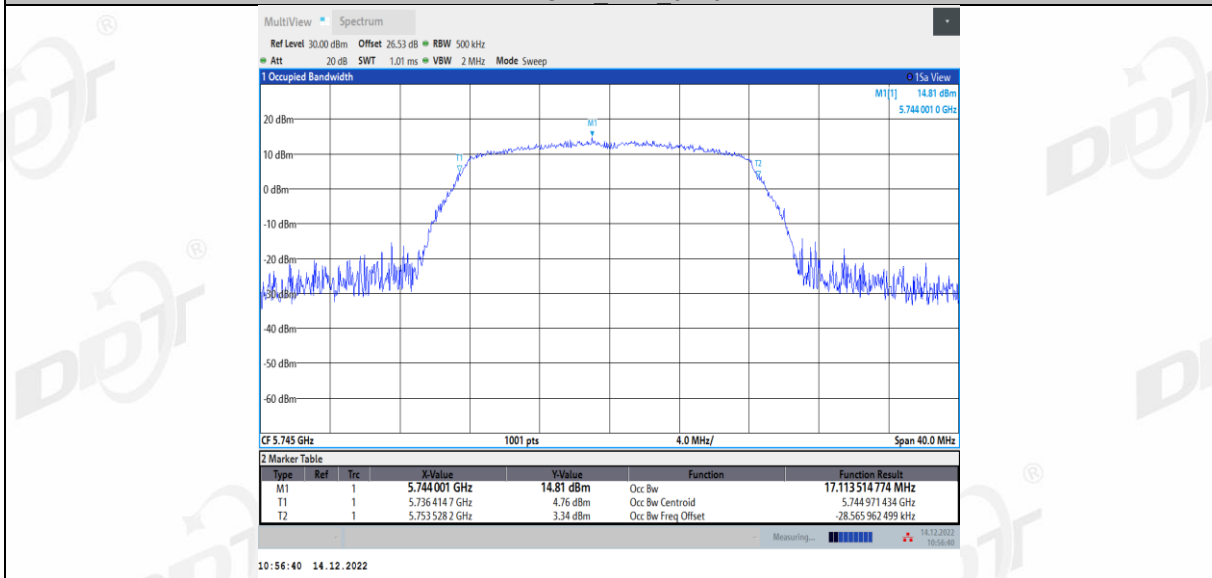
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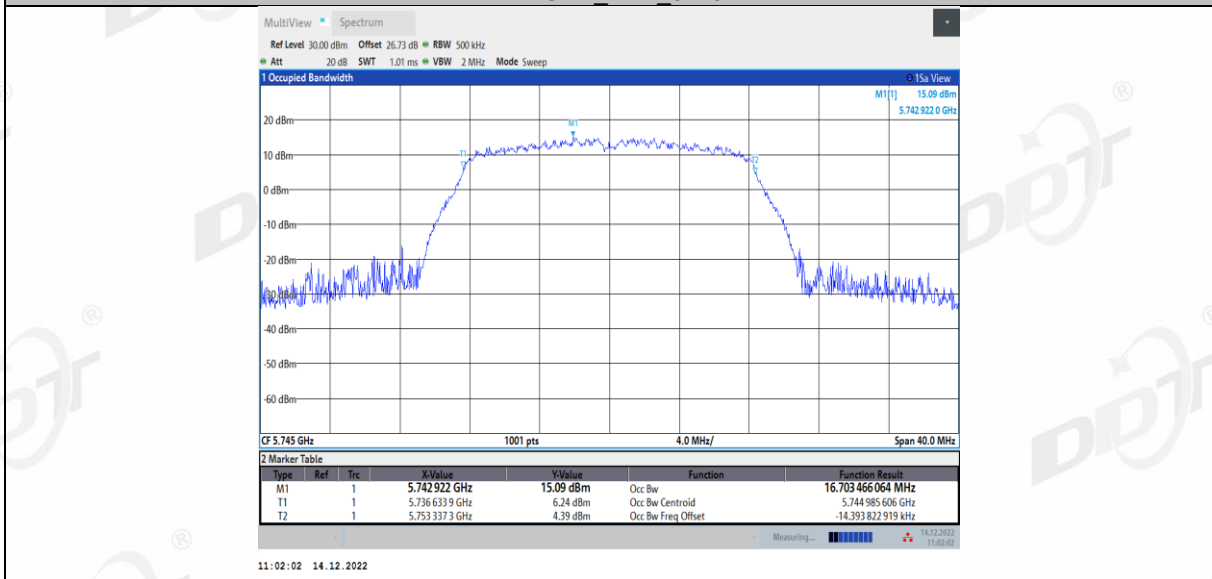
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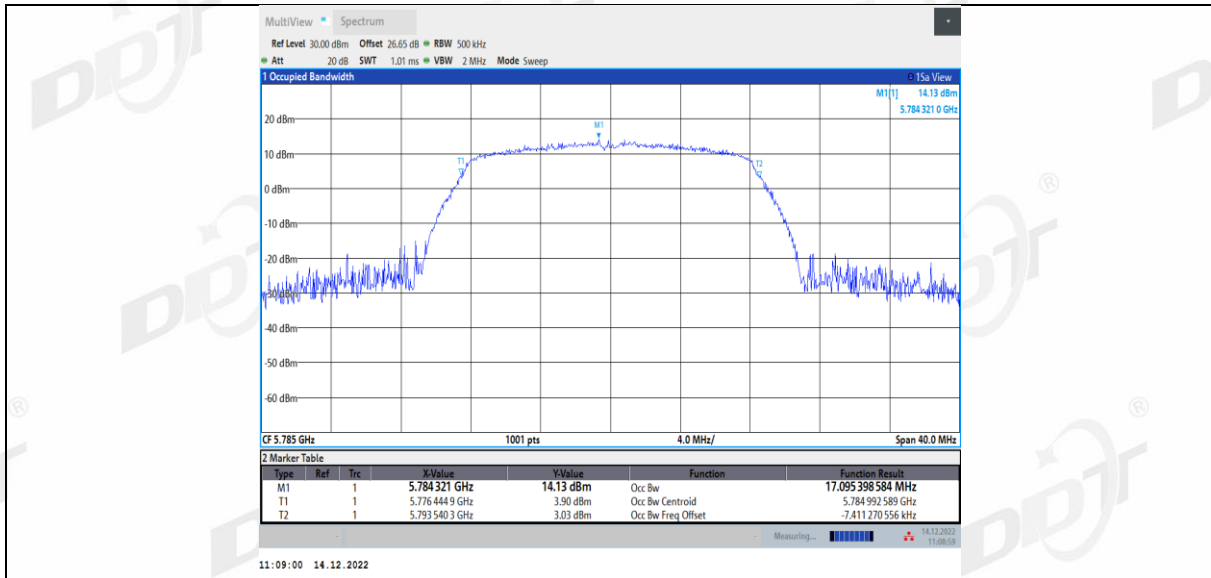
11A-CDD Ant1 5745



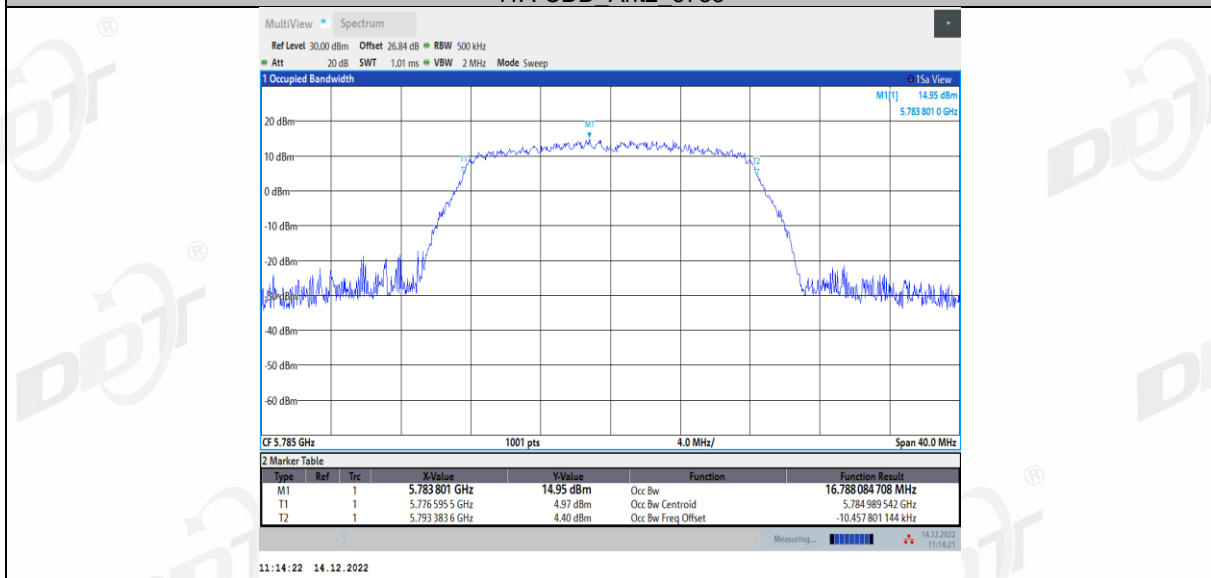
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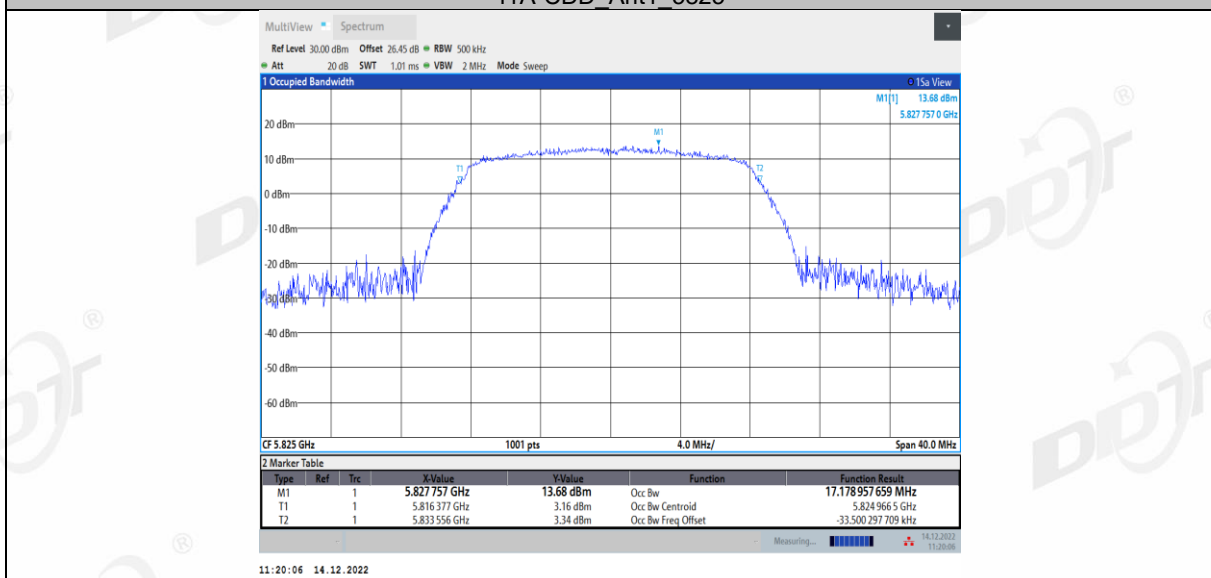
11A-CDD Ant1 5785



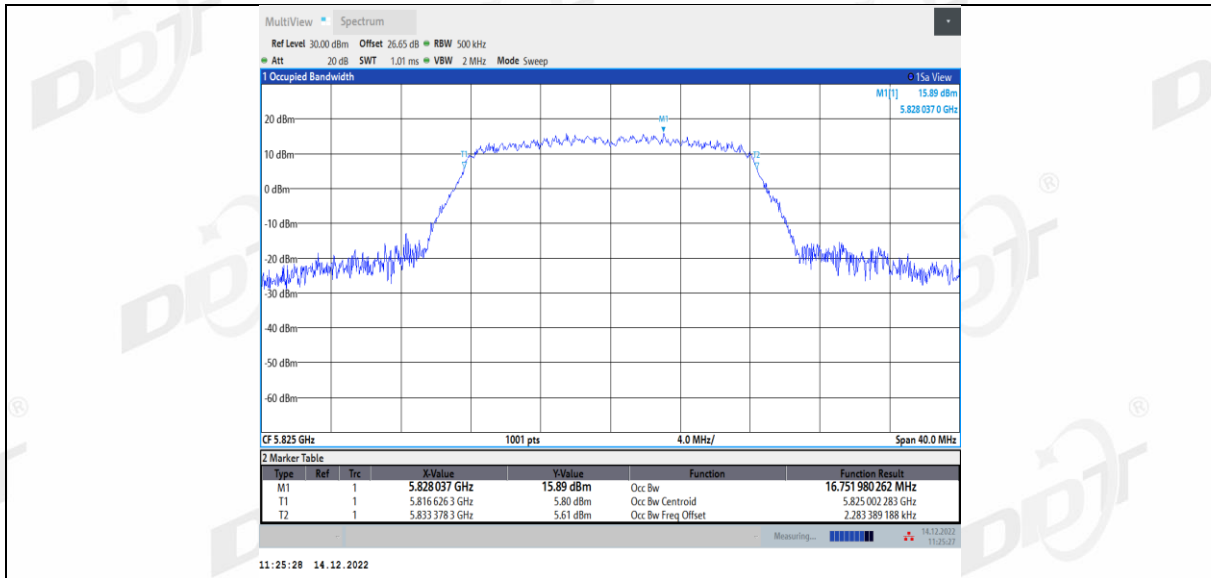
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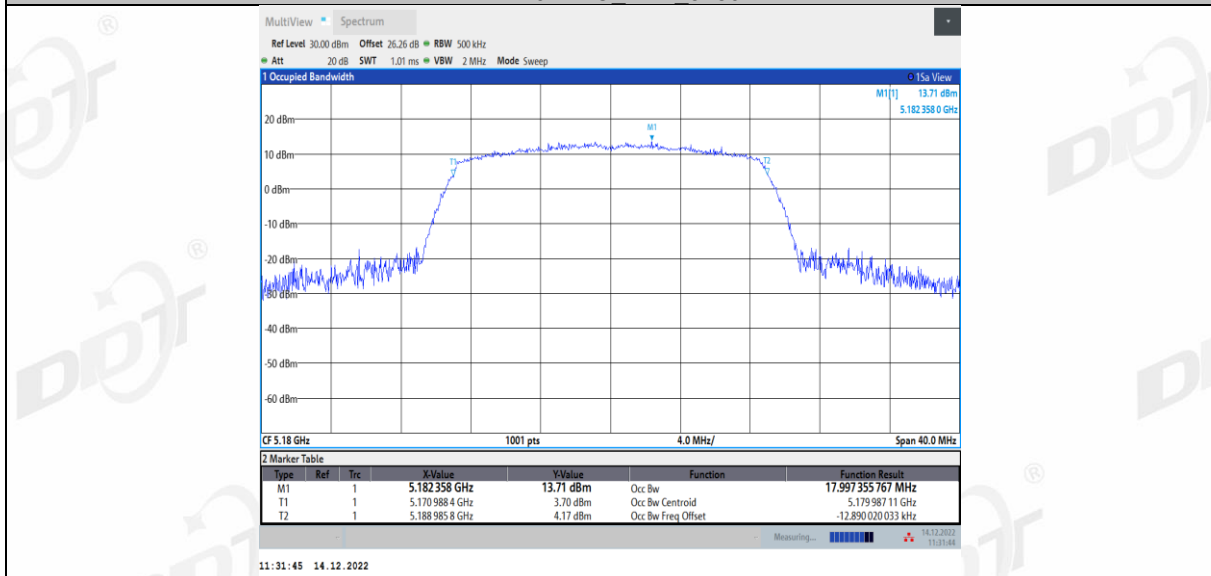
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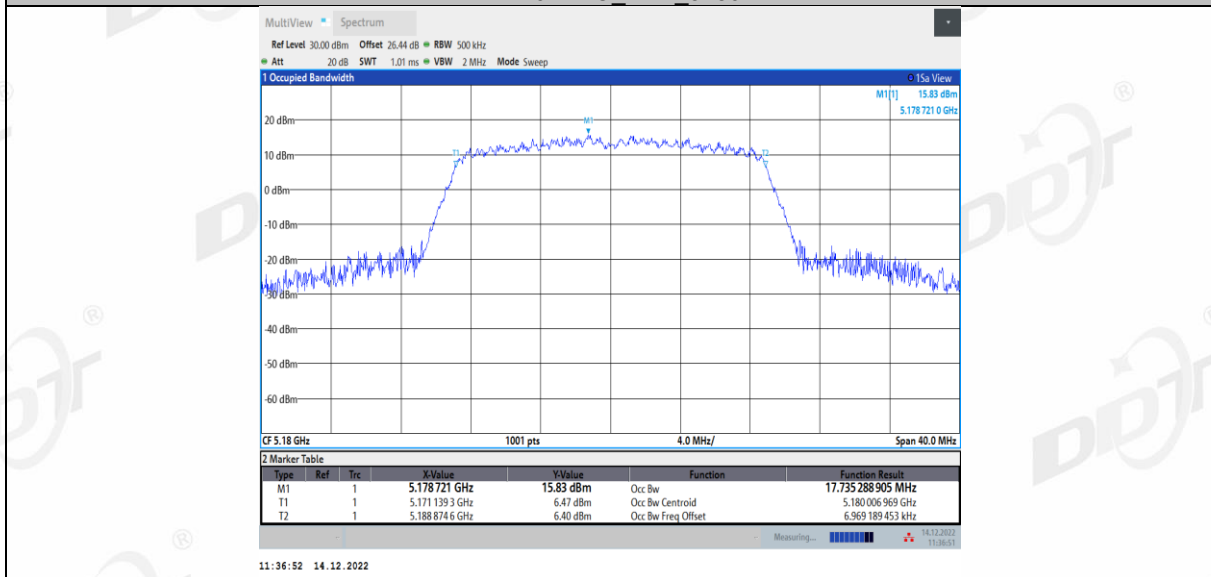
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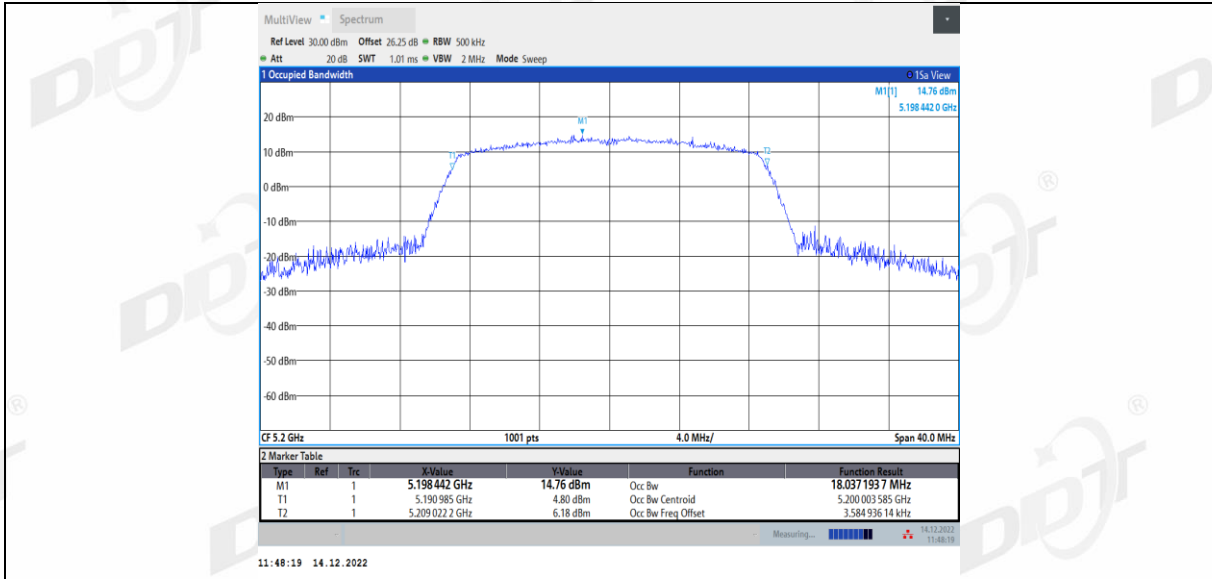
11N20MIMO Ant1 5180



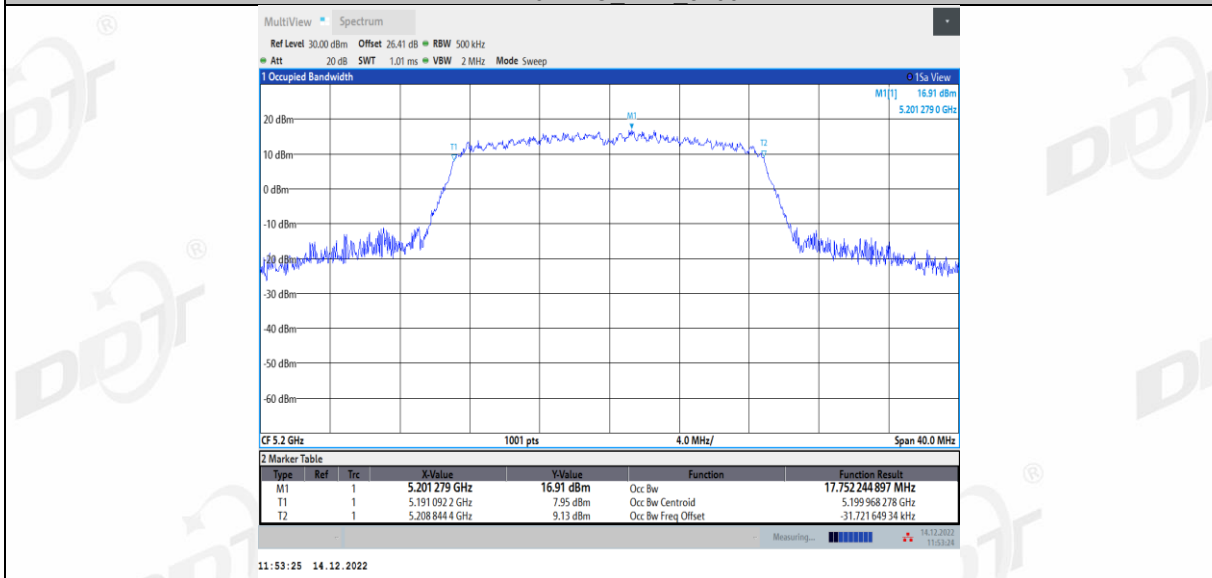
11N20MIMO Ant2 5180



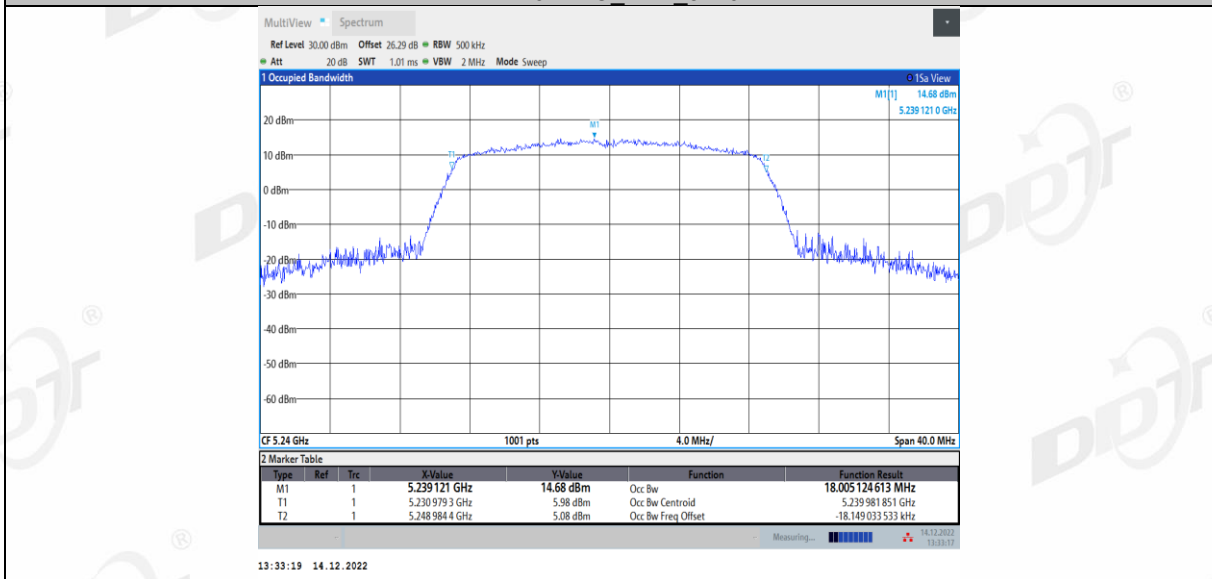
11N20MIMO Ant1 5200



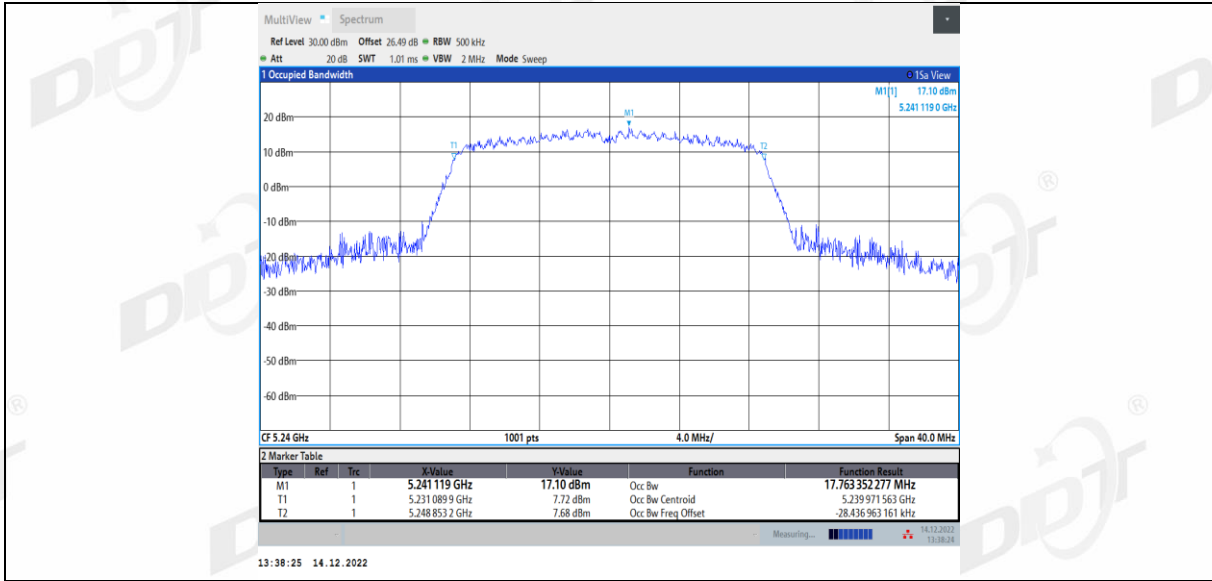
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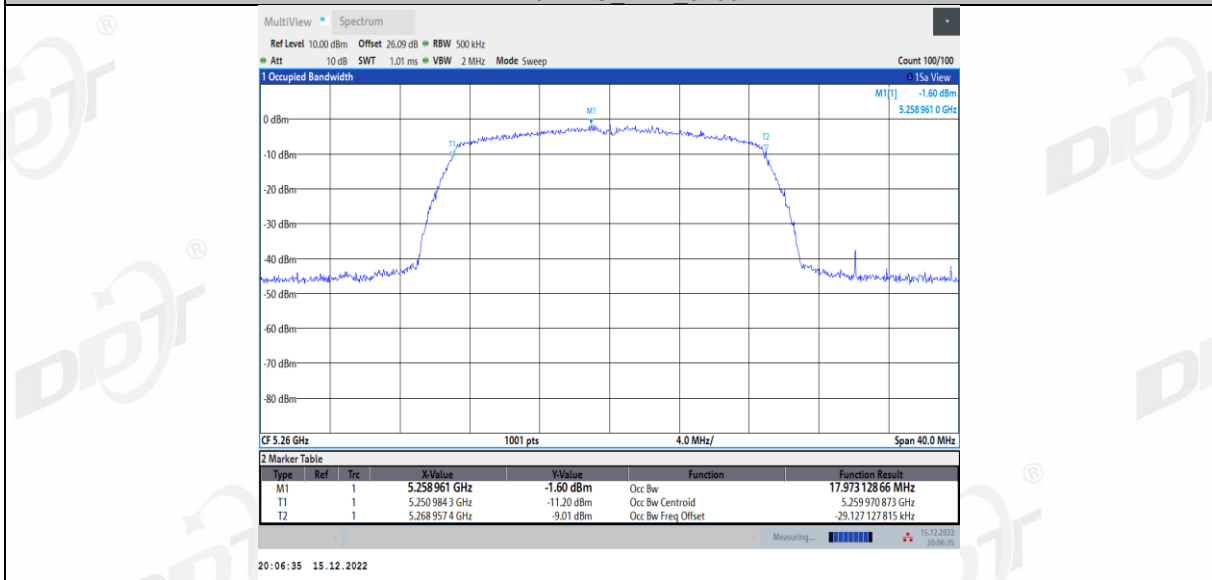
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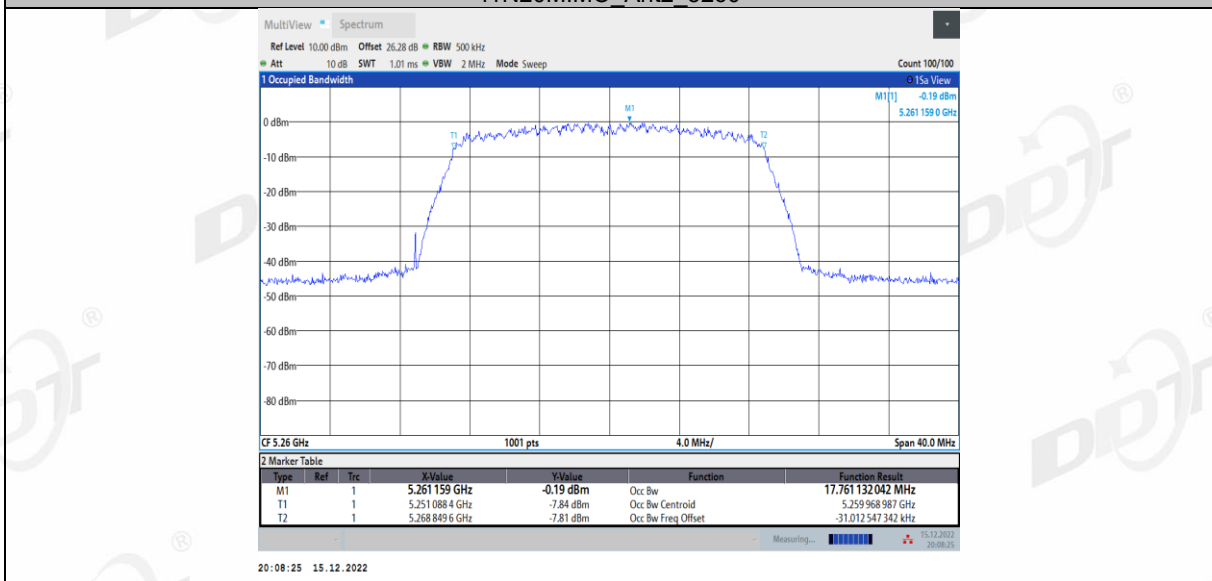
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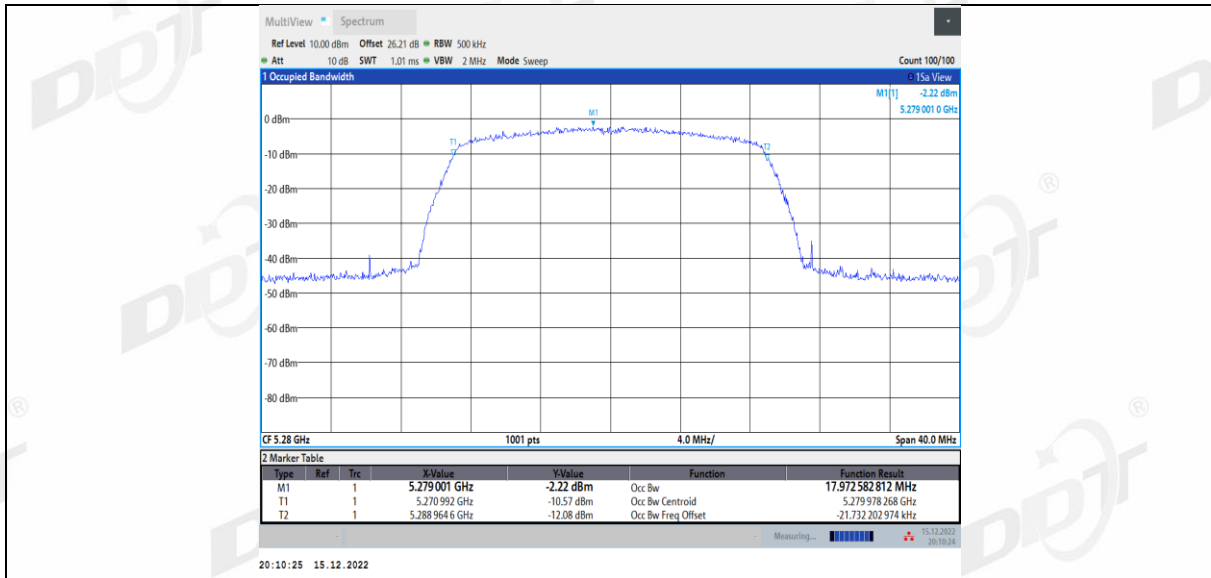
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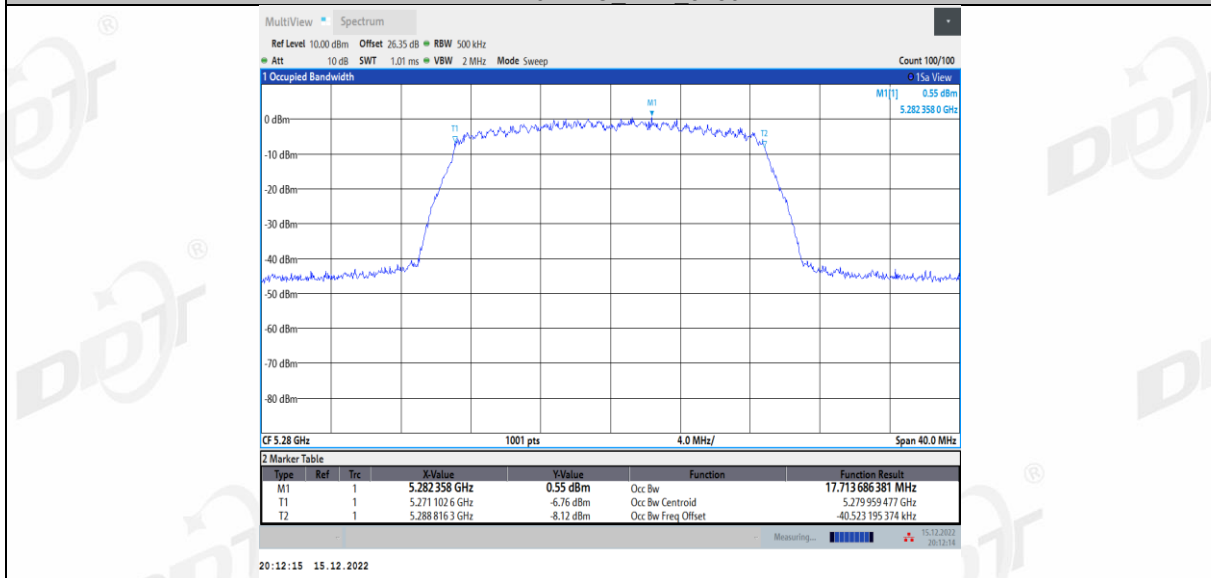
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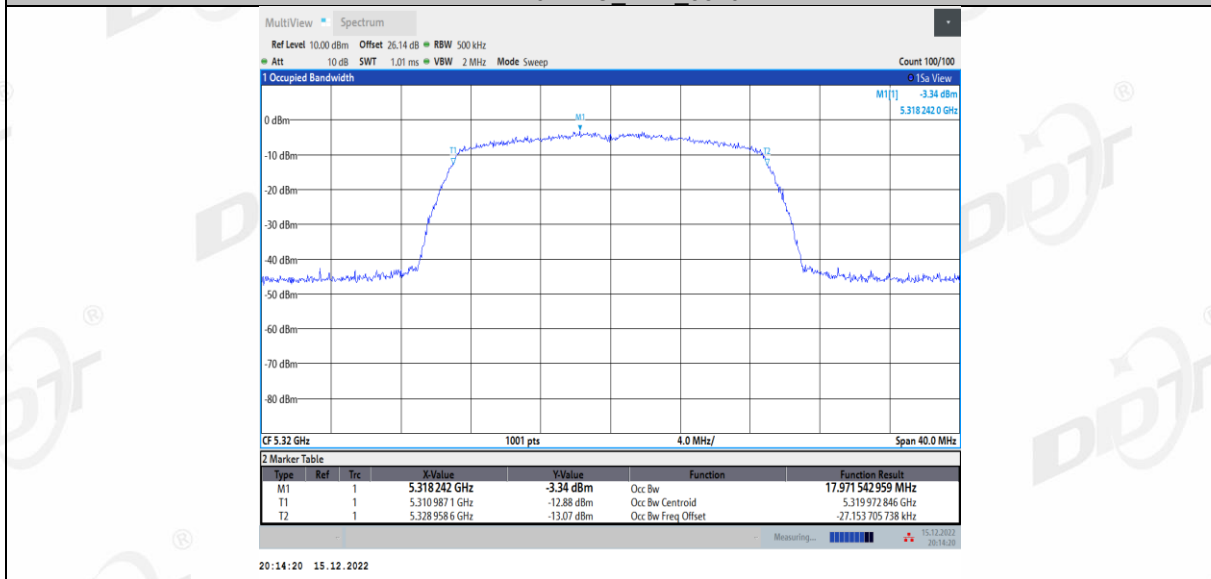
11N20MIMO Ant1 5280



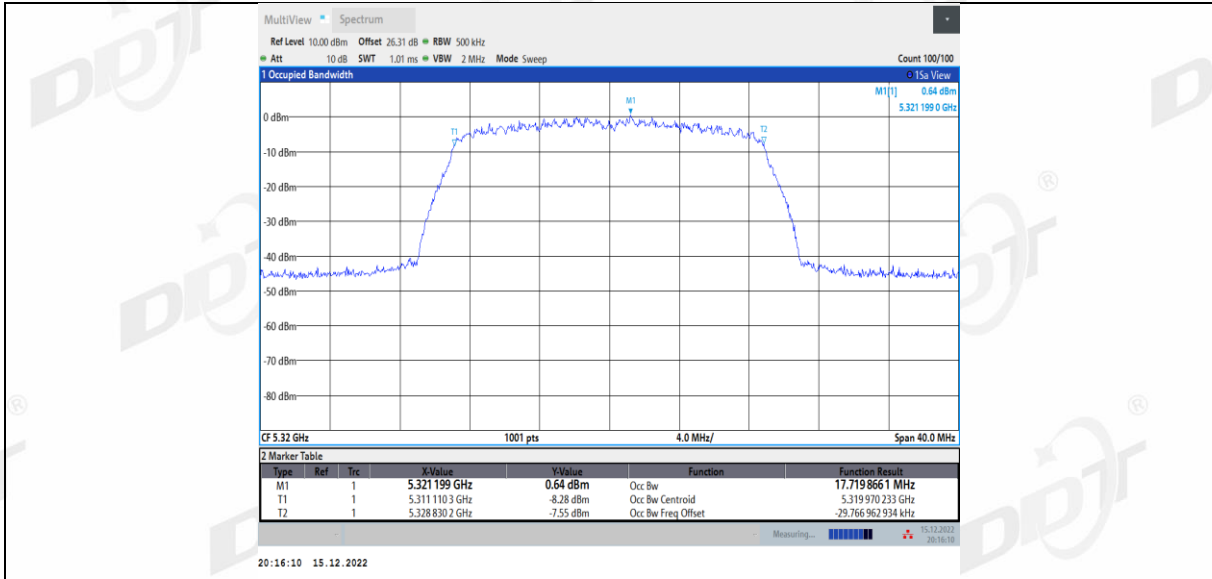
11N20MIMO Ant2 5280



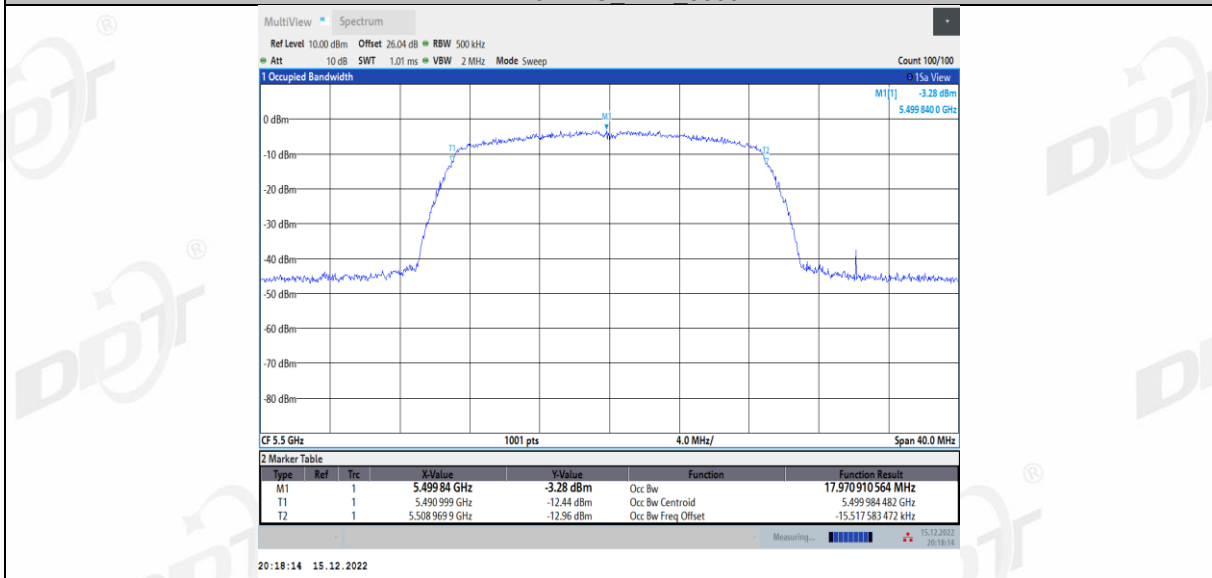
11N20MIMO Ant1 5320



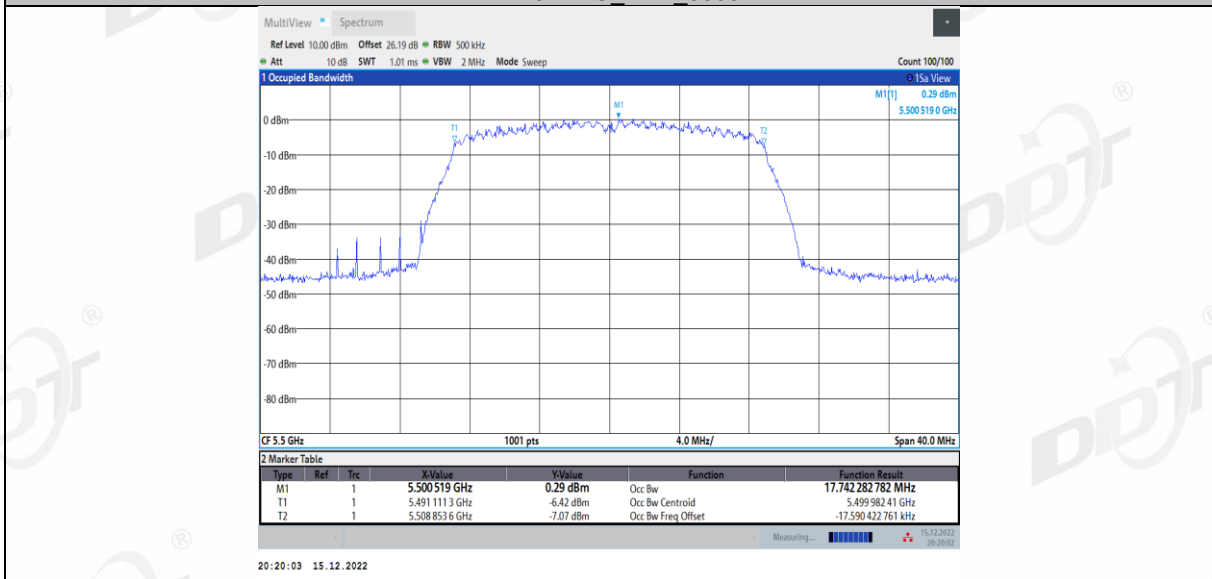
11N20MIMO Ant2 5320



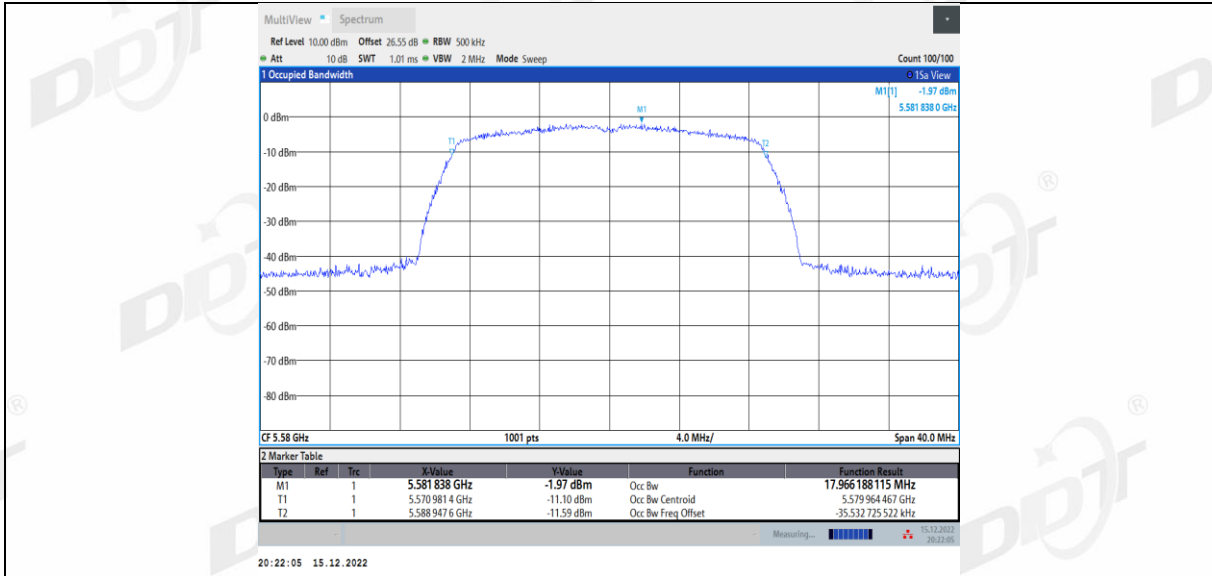
11N20MIMO Ant1 5500



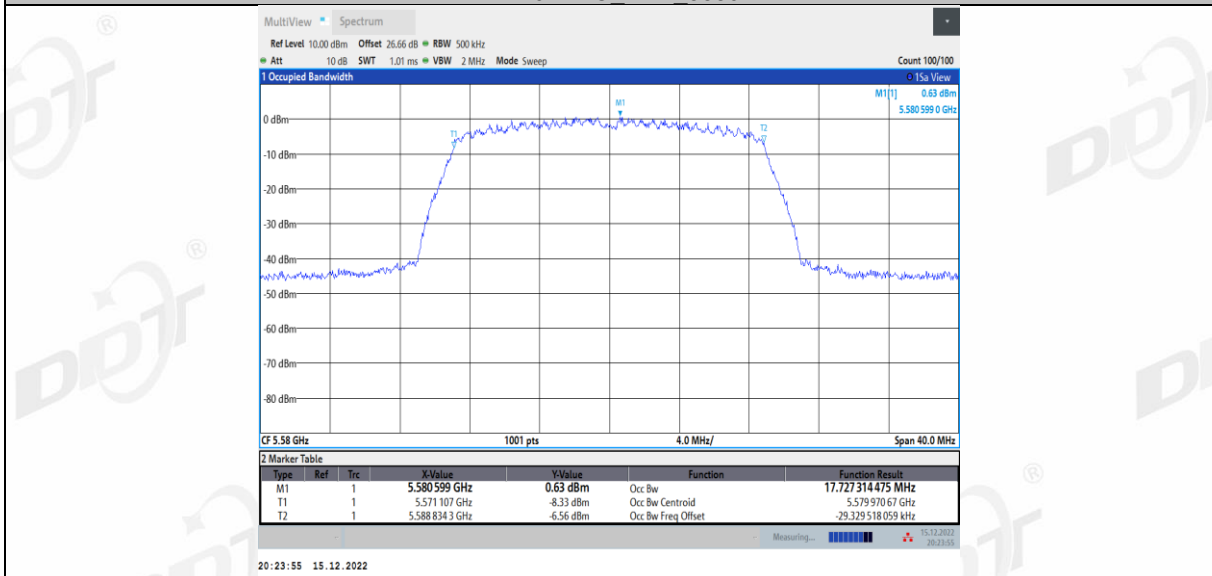
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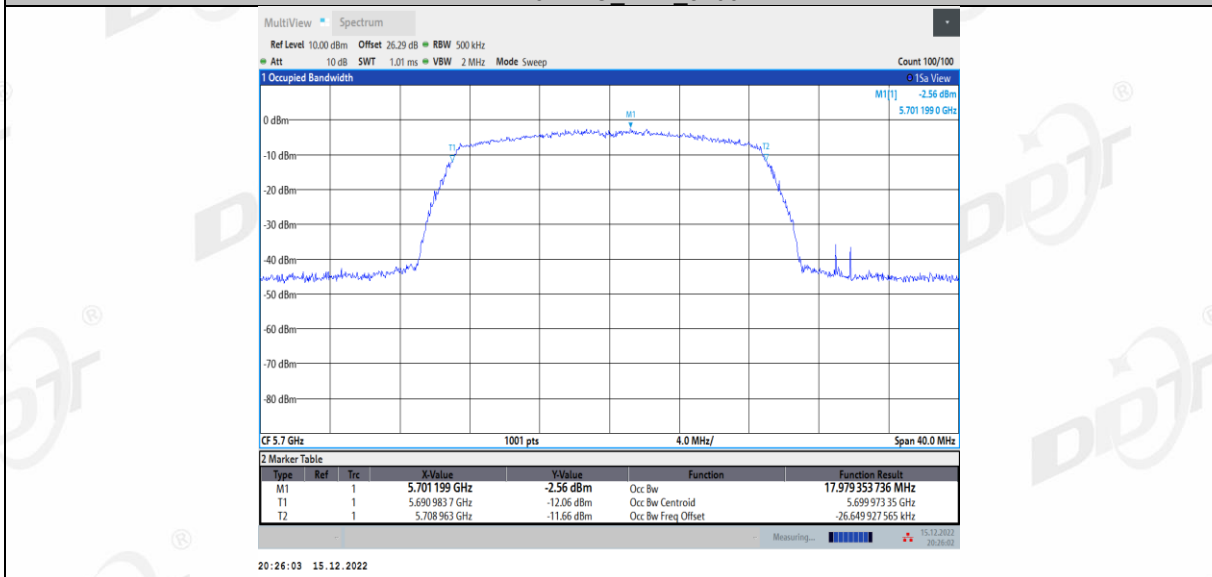
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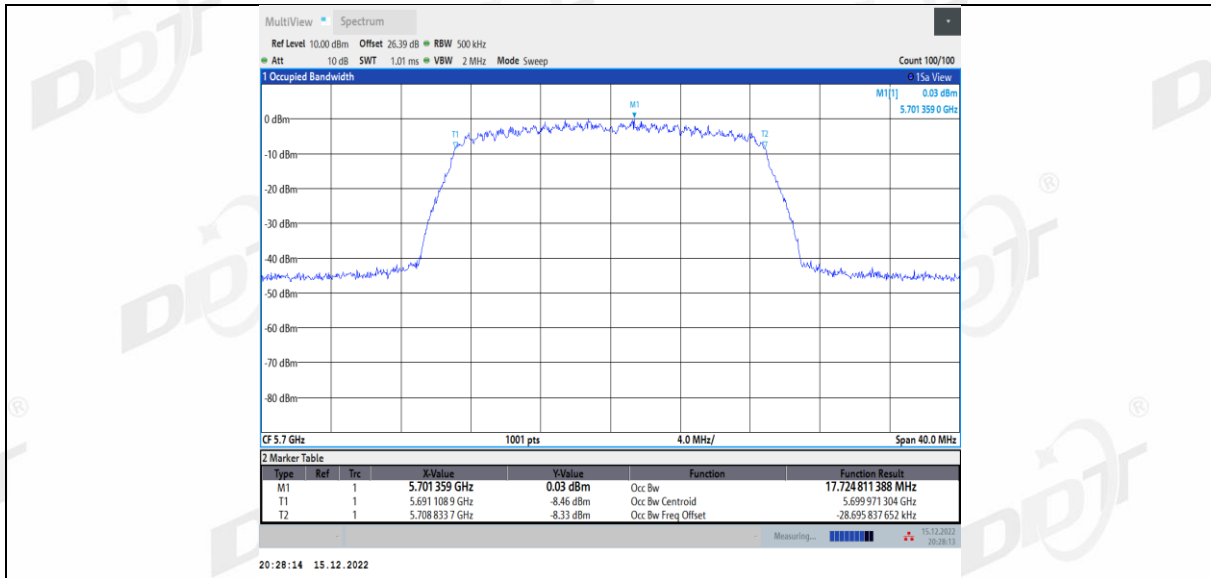
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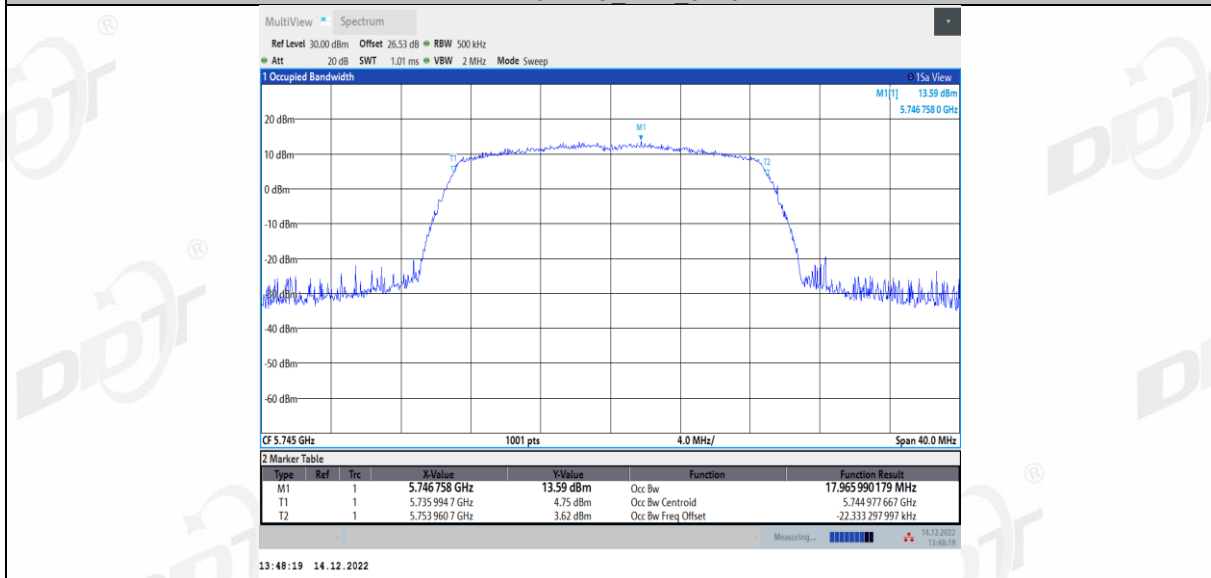
11N20MIMO Ant1 5700



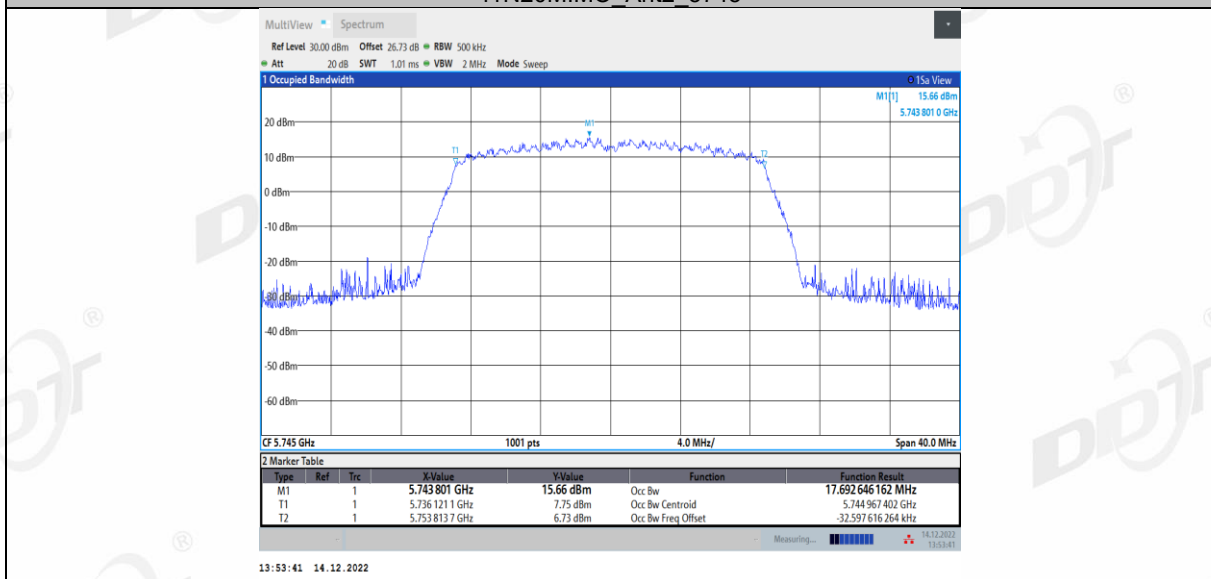
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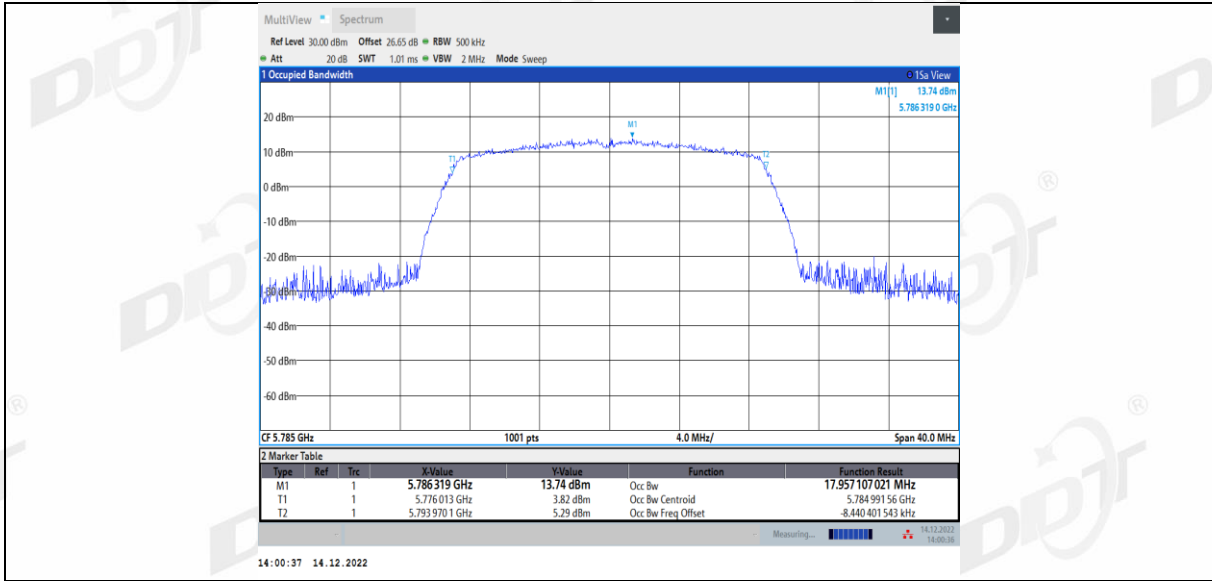
11N20MIMO Ant1 5745



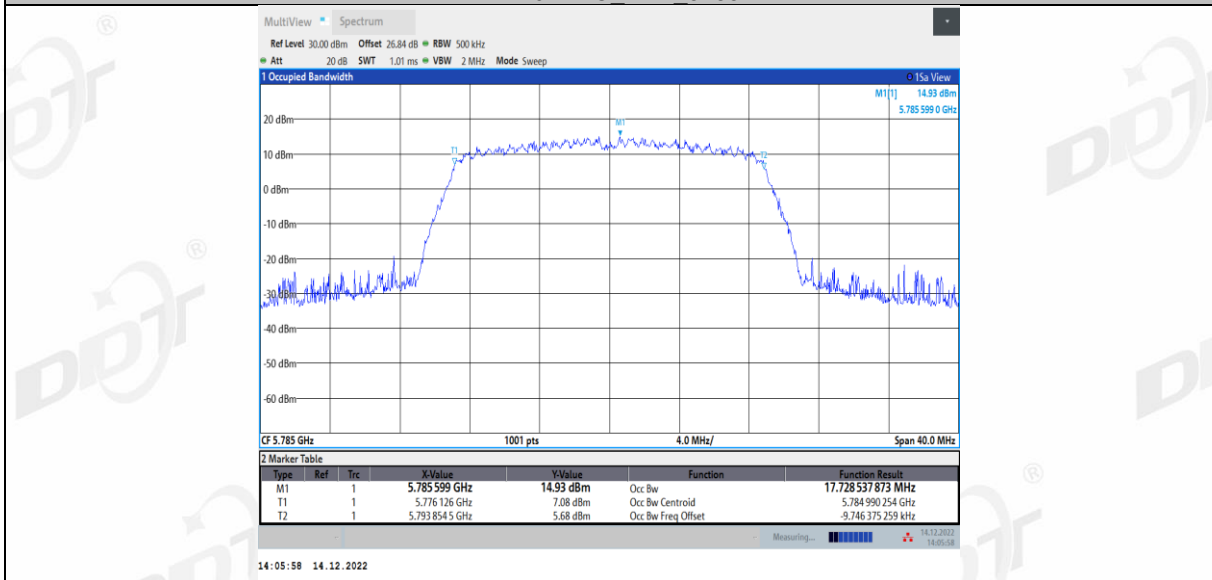
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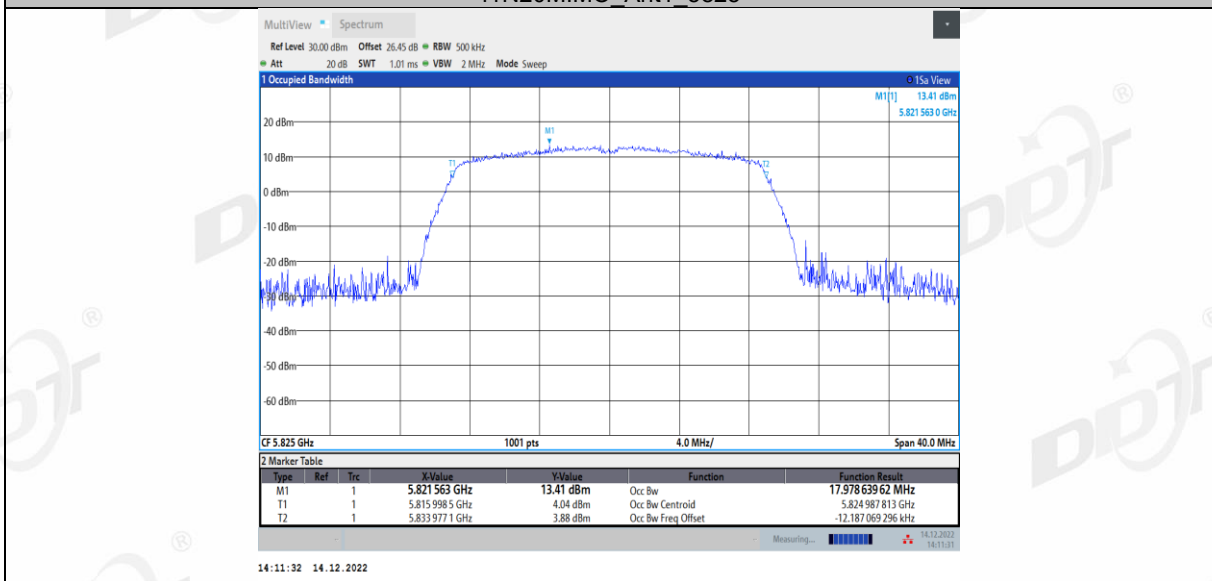
11N20MIMO Ant1 5785



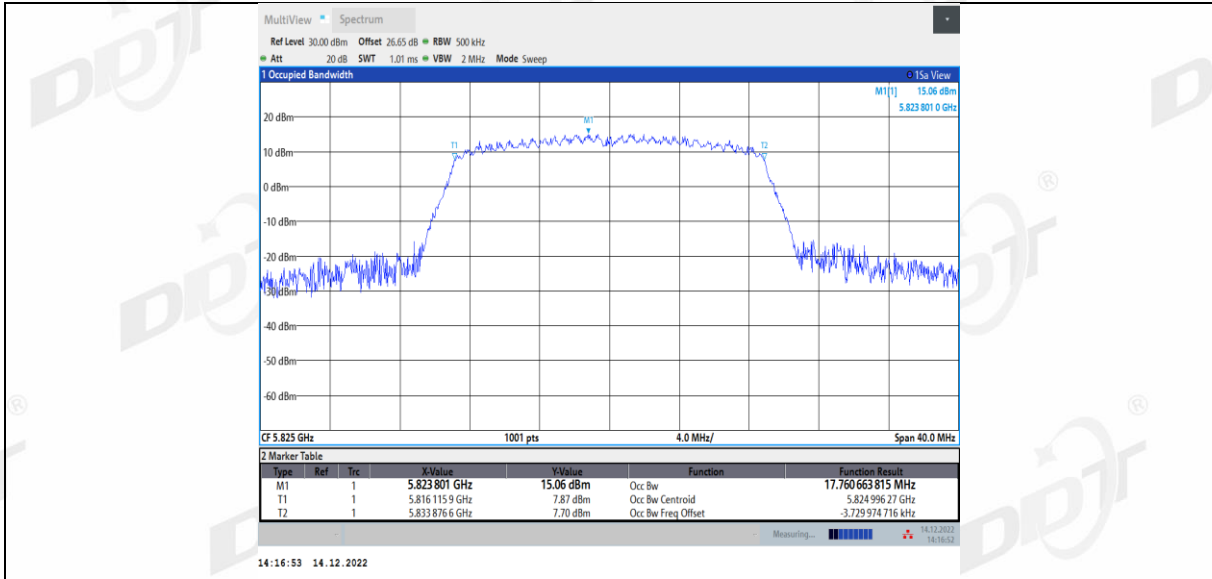
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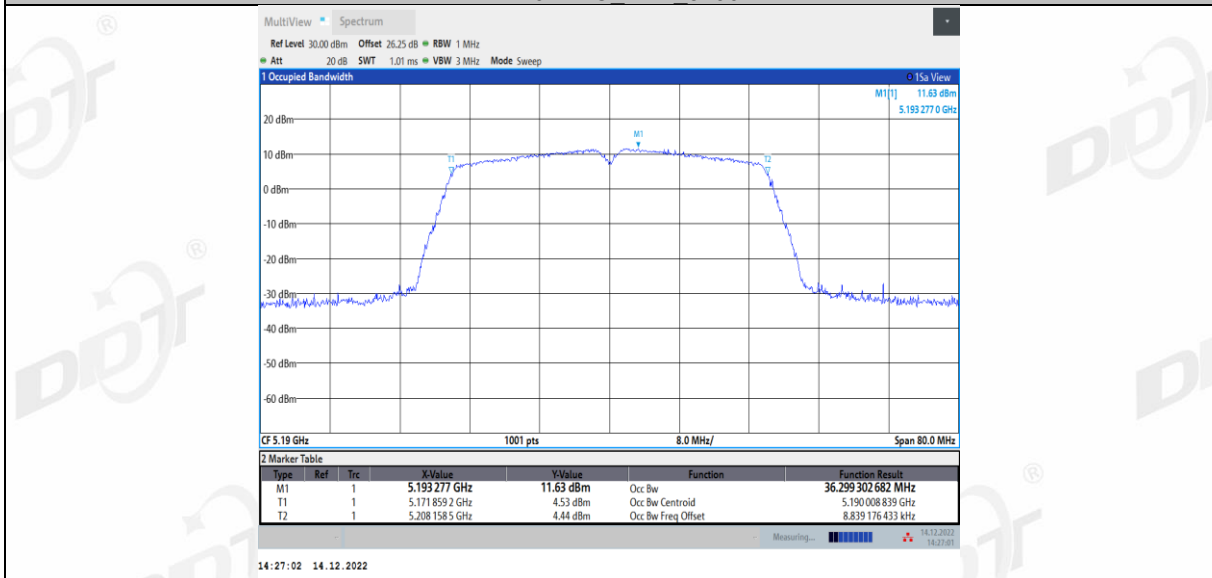
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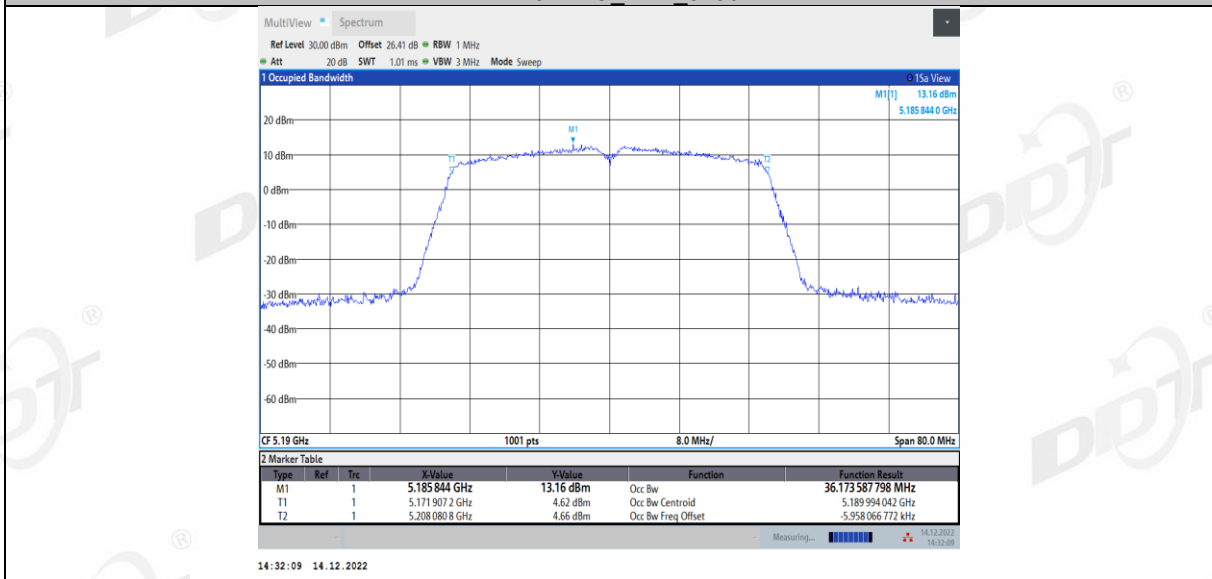
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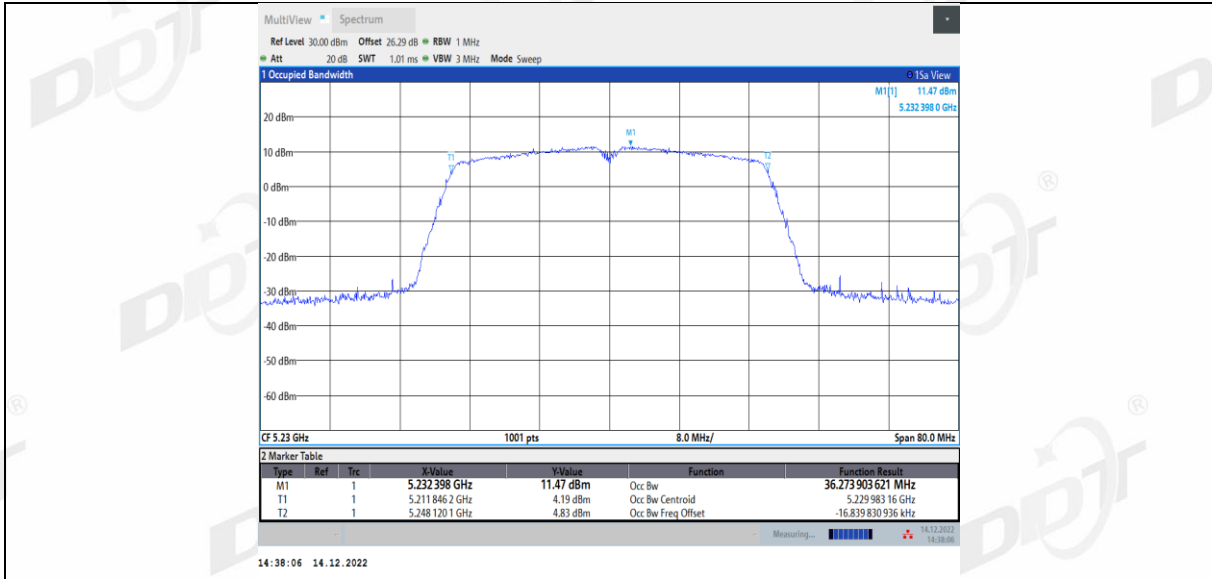
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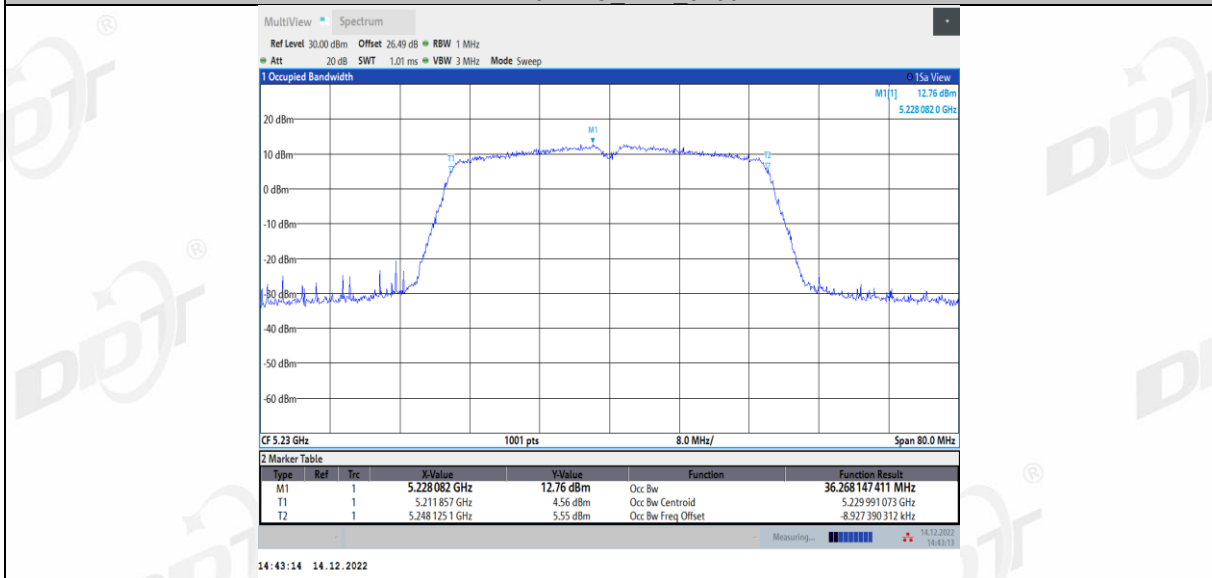
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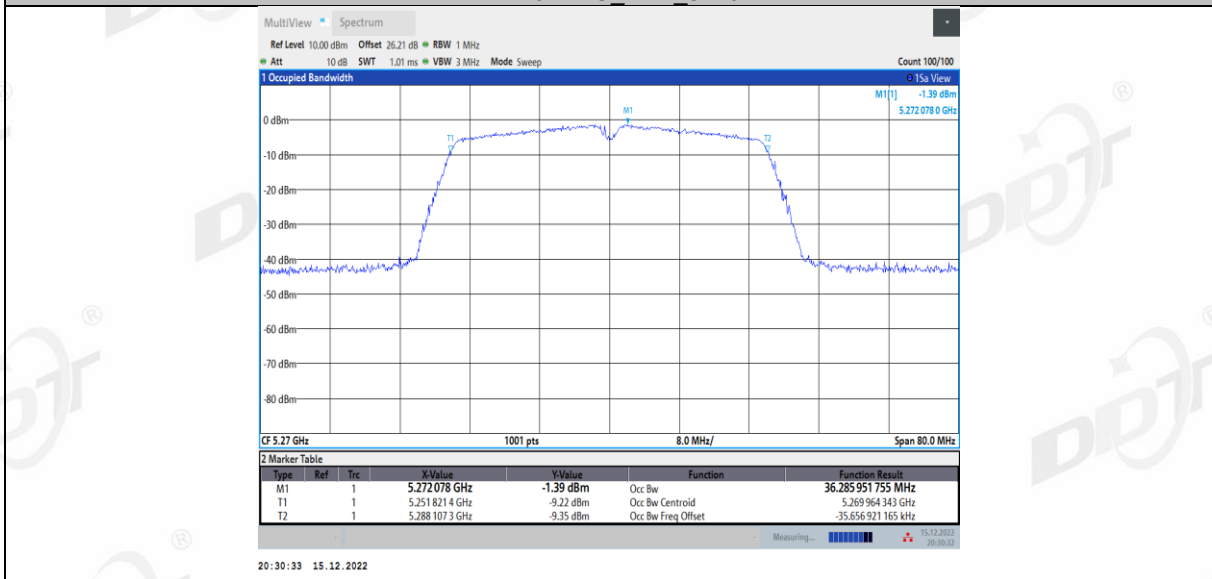
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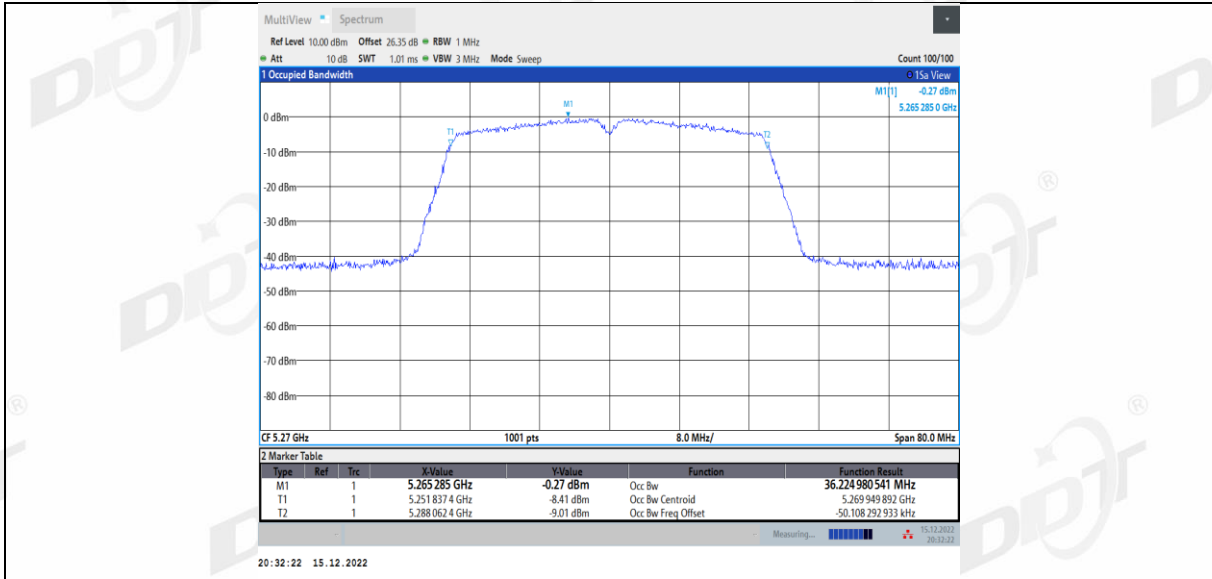
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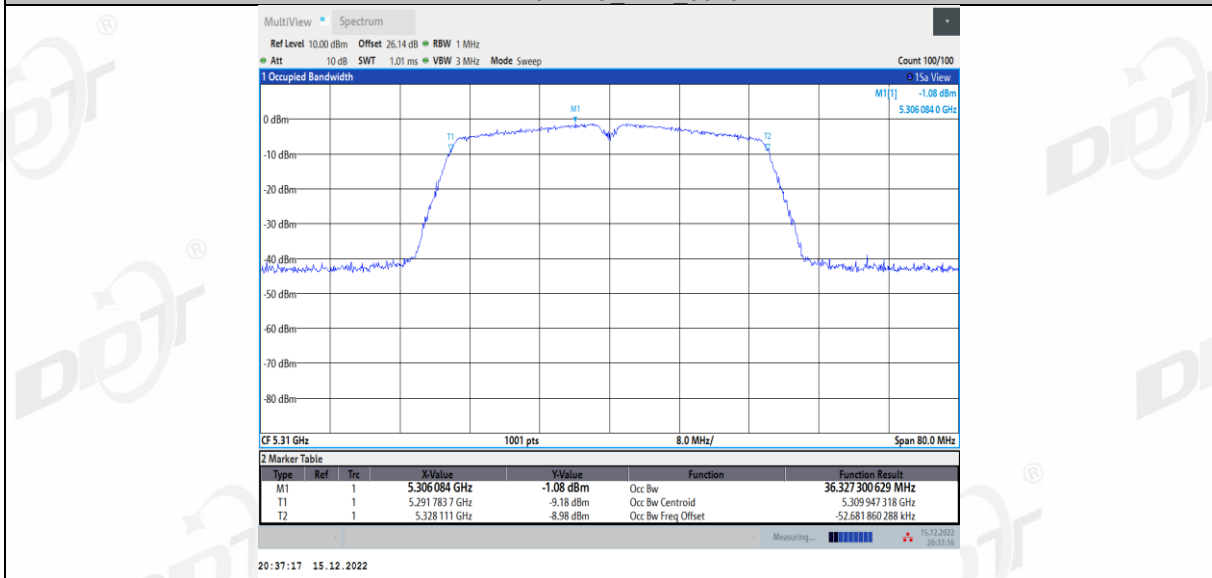
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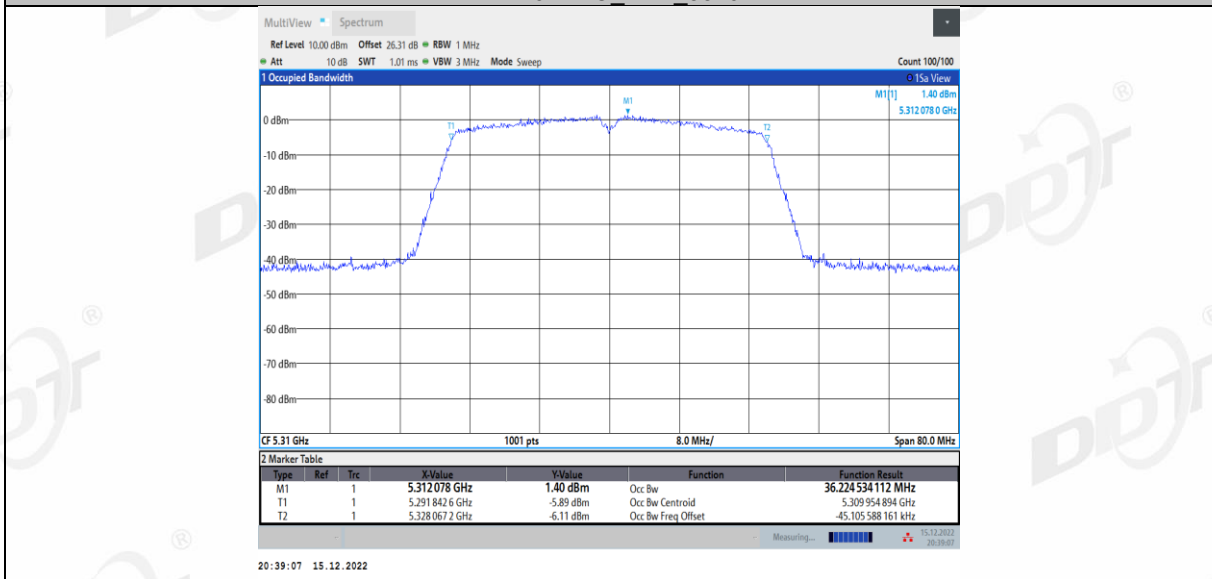
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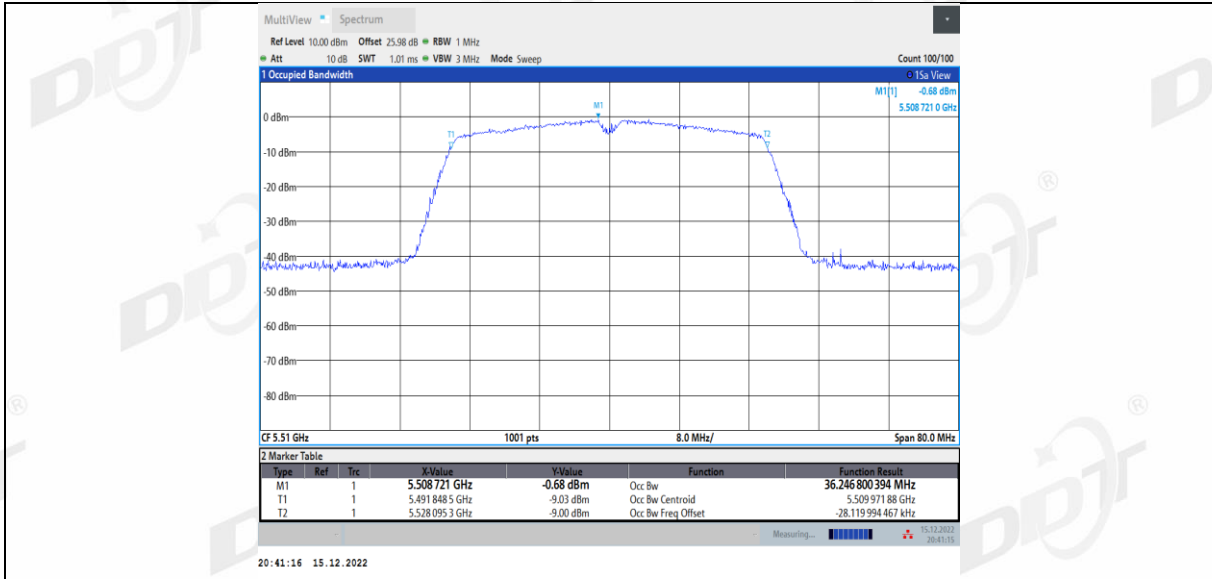
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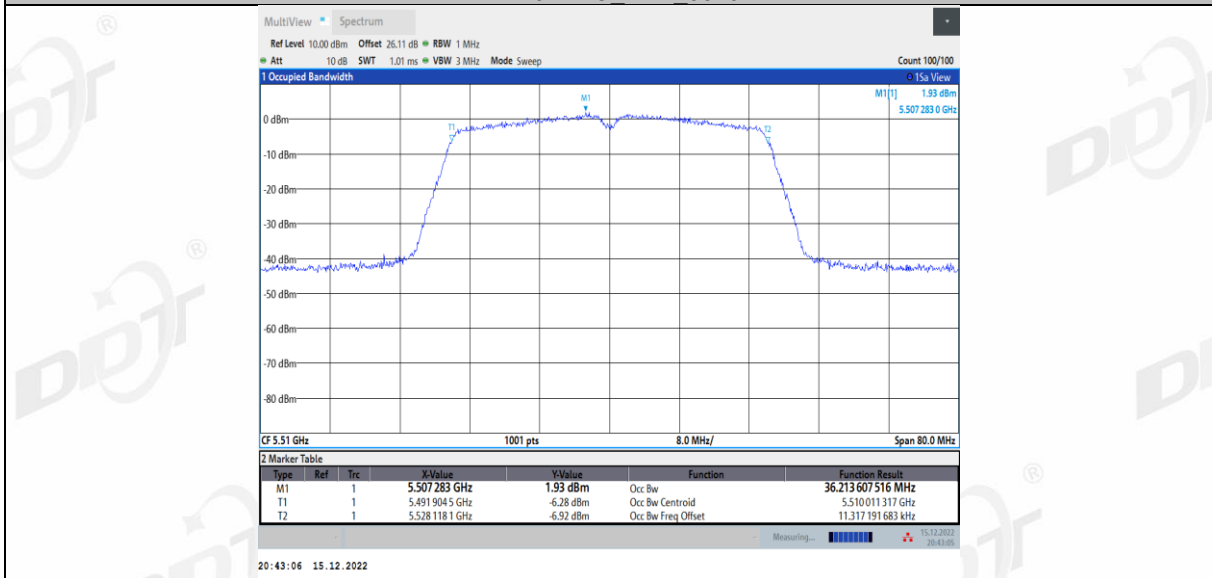
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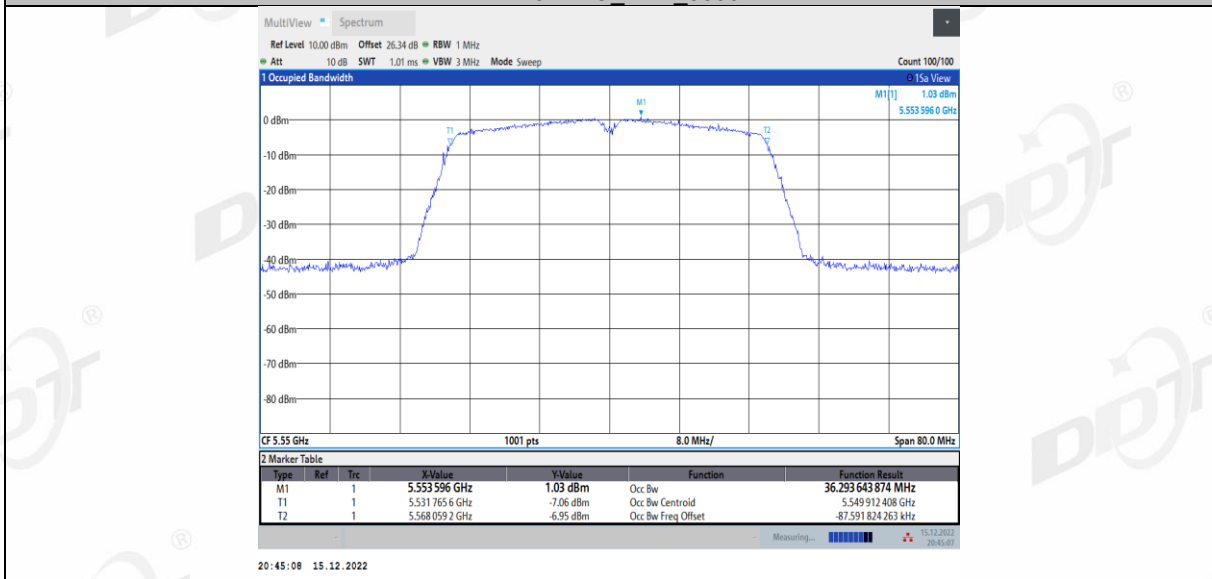
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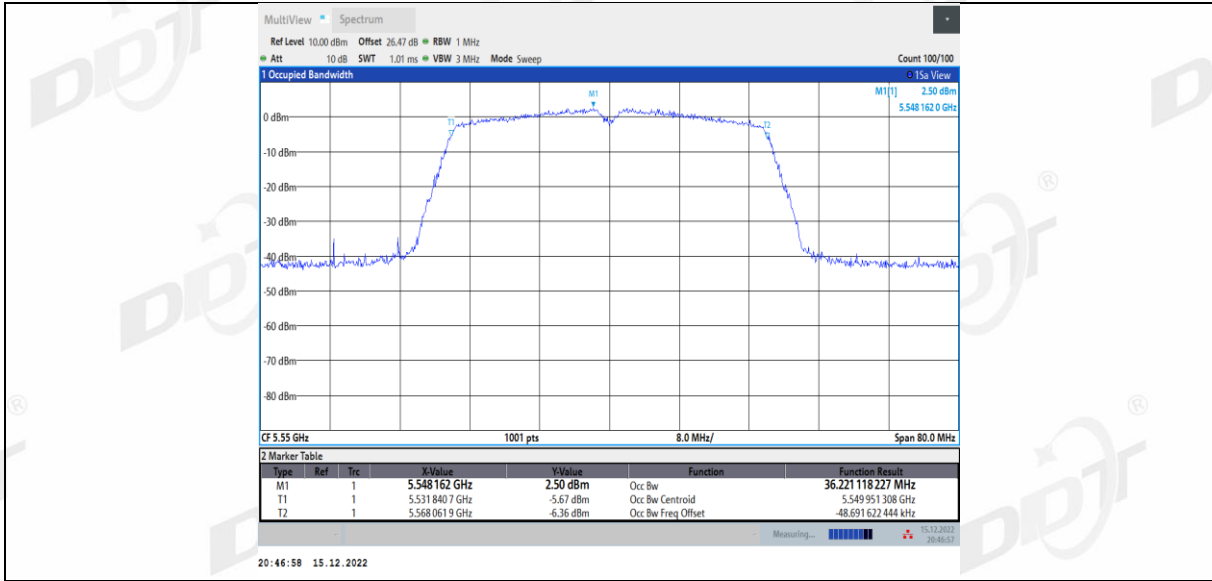
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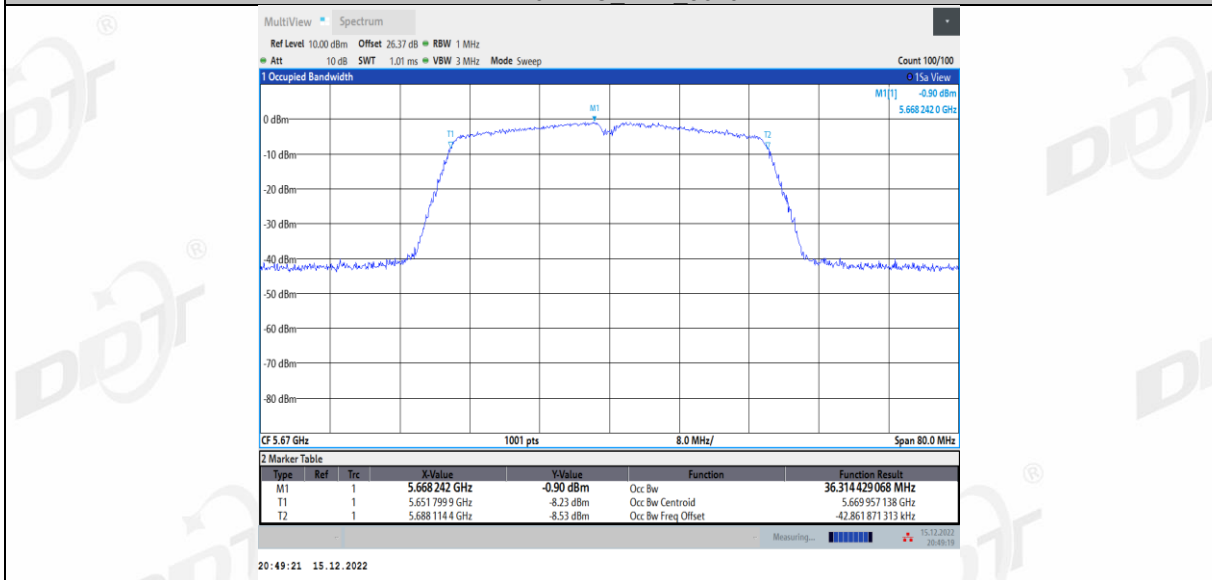
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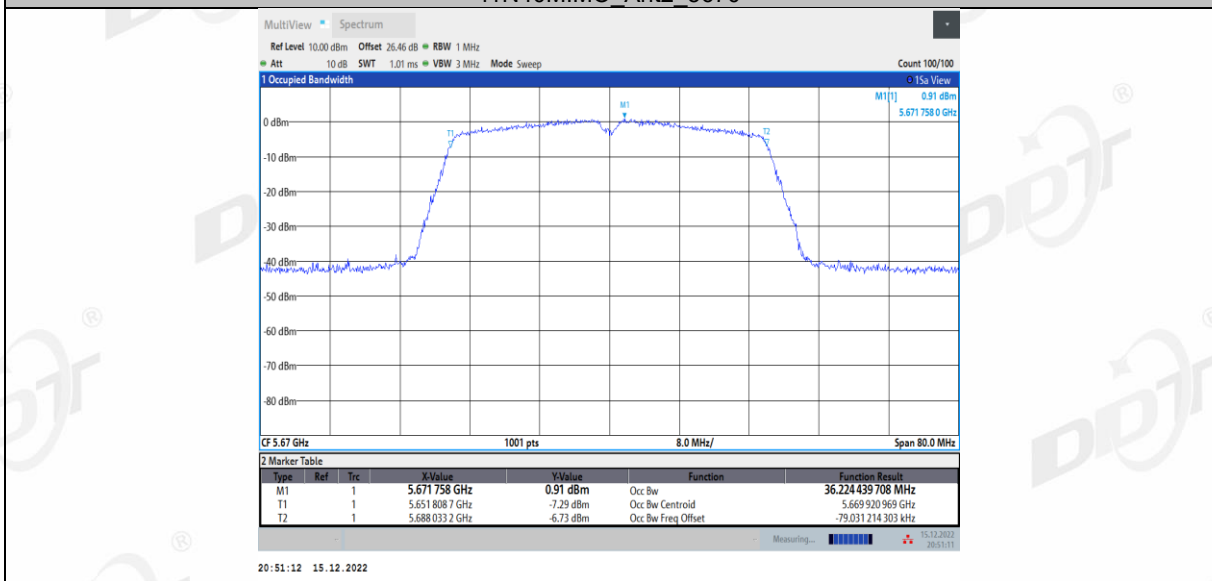
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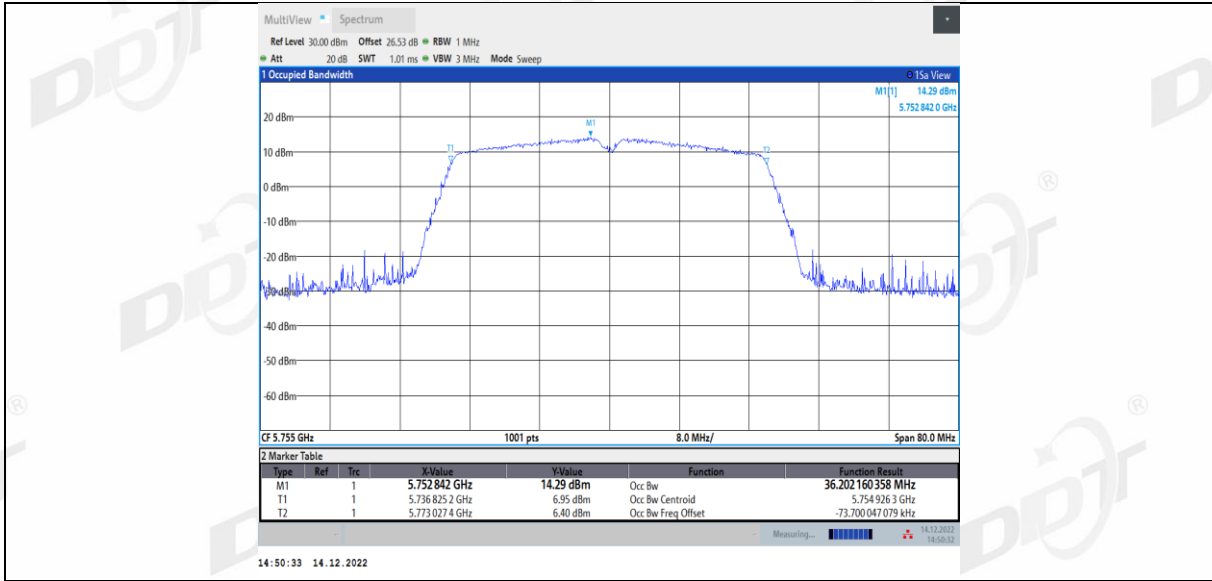
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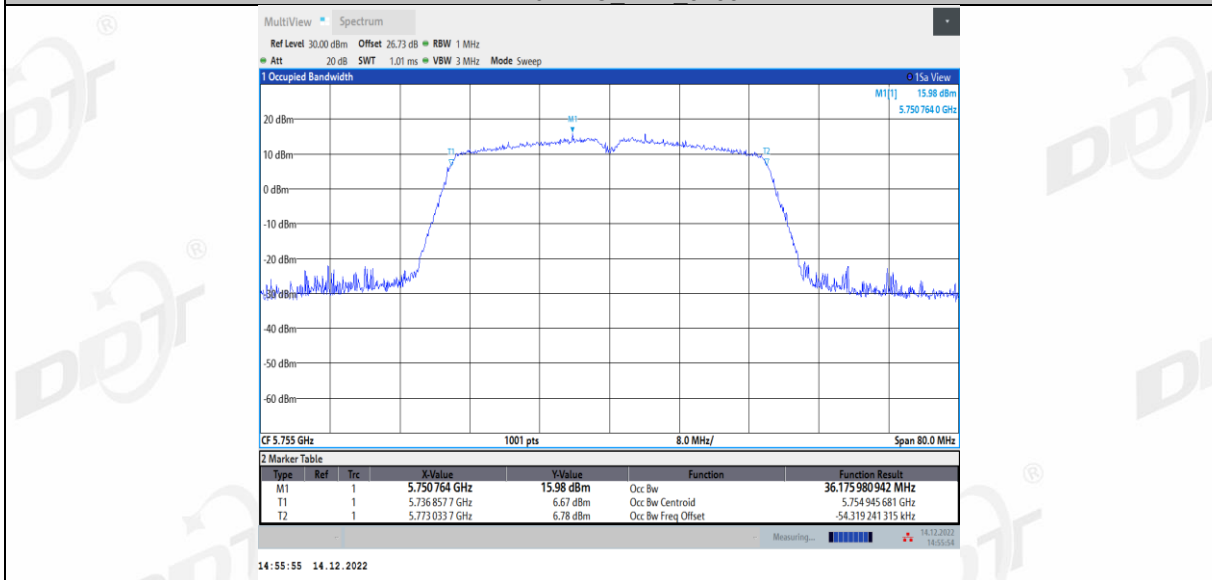
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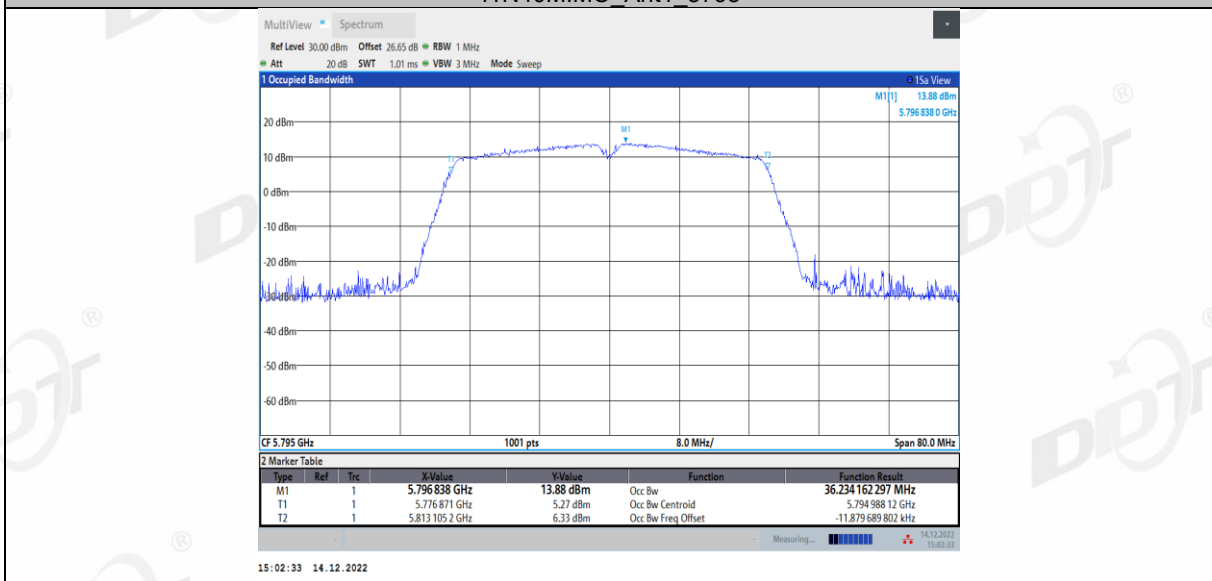
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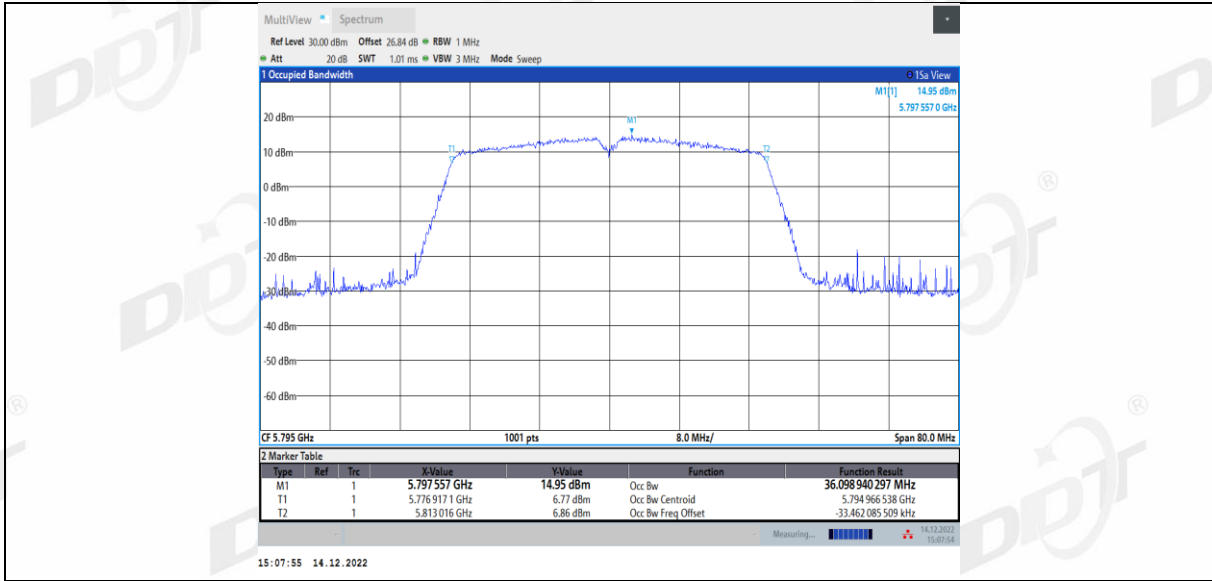
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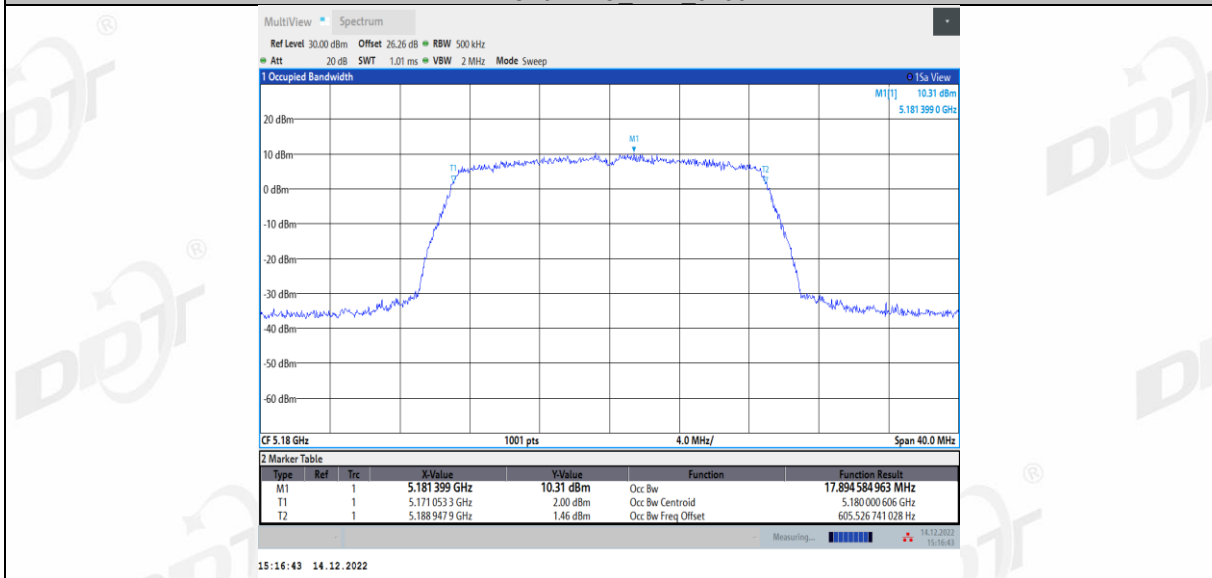
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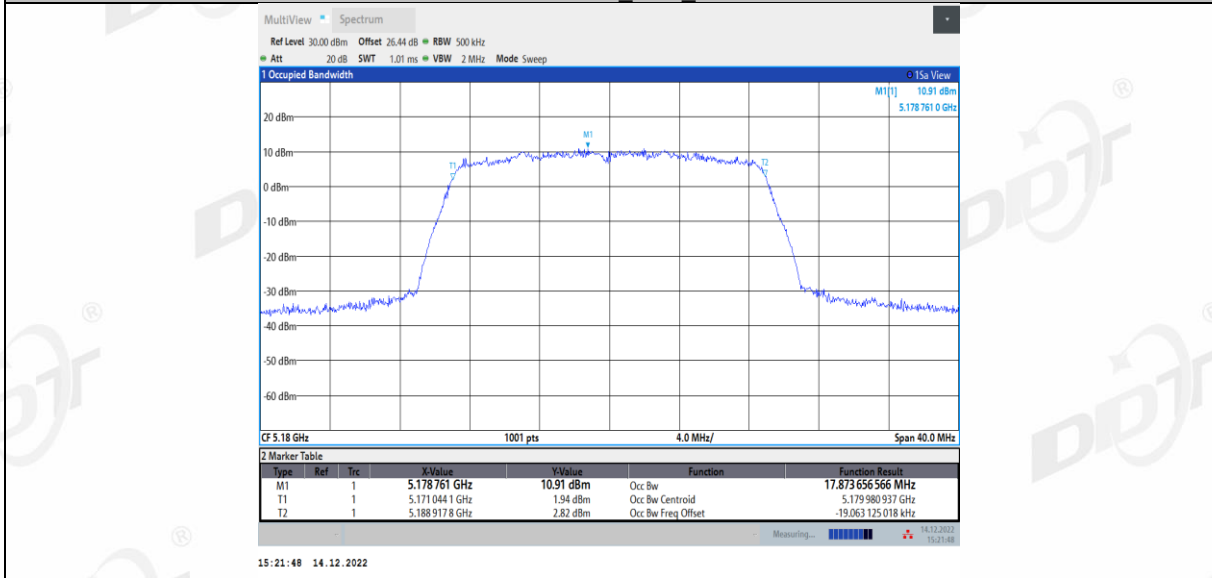
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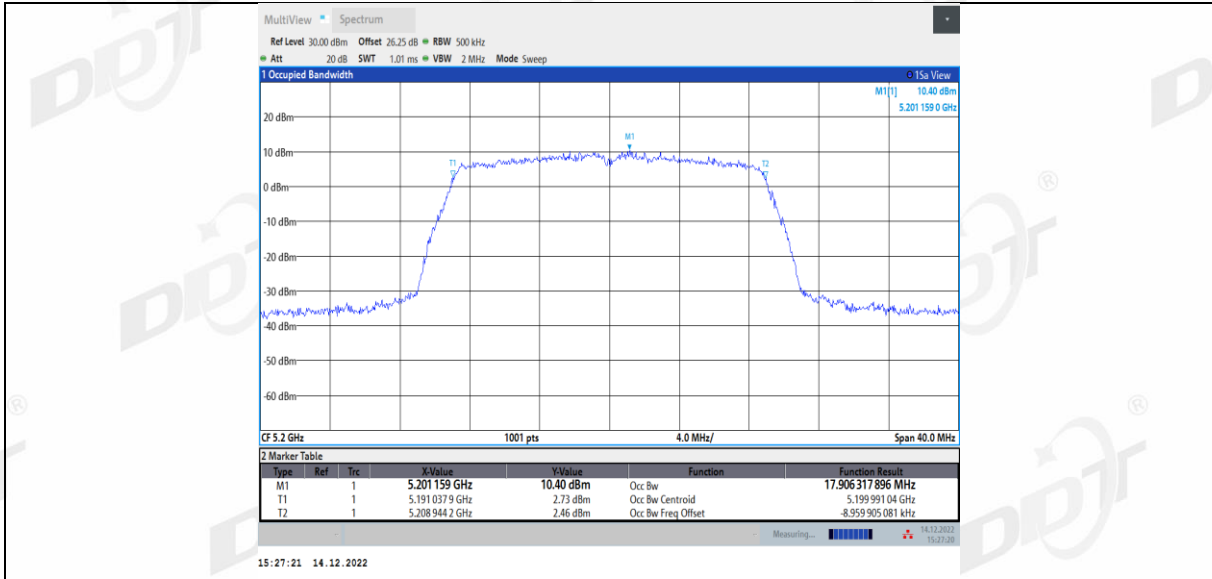
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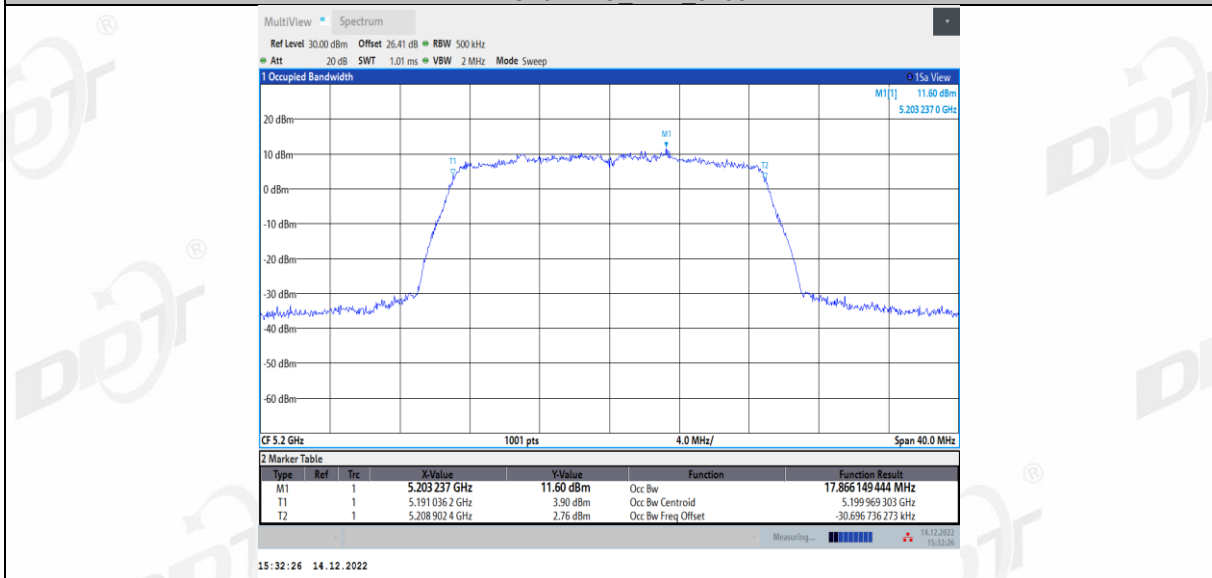
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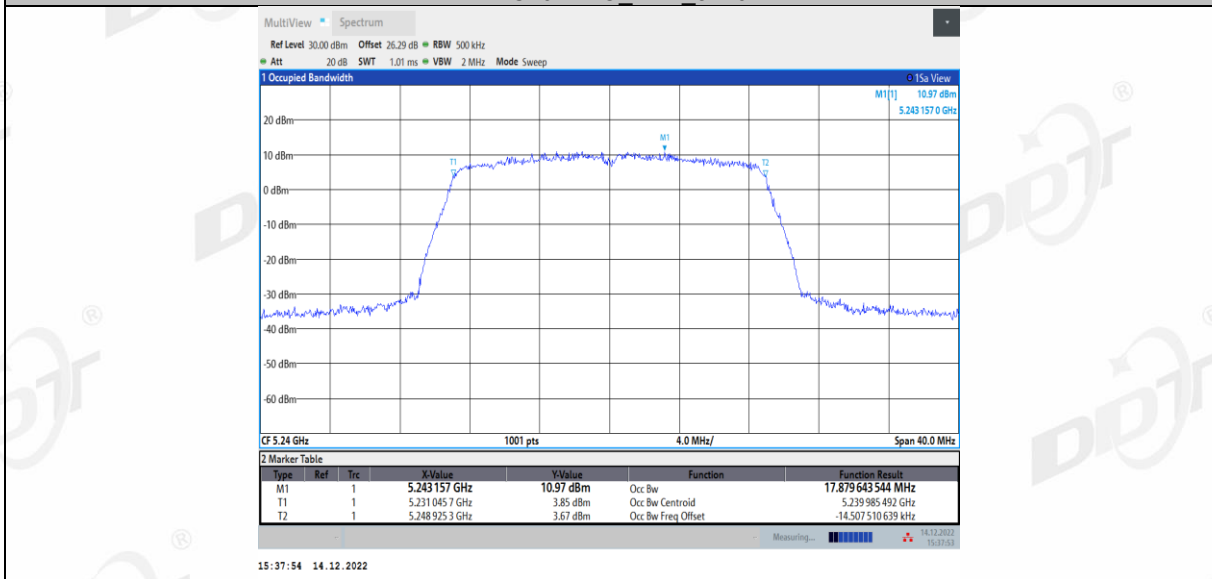
11AC20MIMO Ant1_5200



11AC20MIMO Ant2_5200



11AC20MIMO Ant1_5240



11AC20MIMO Ant2_5240