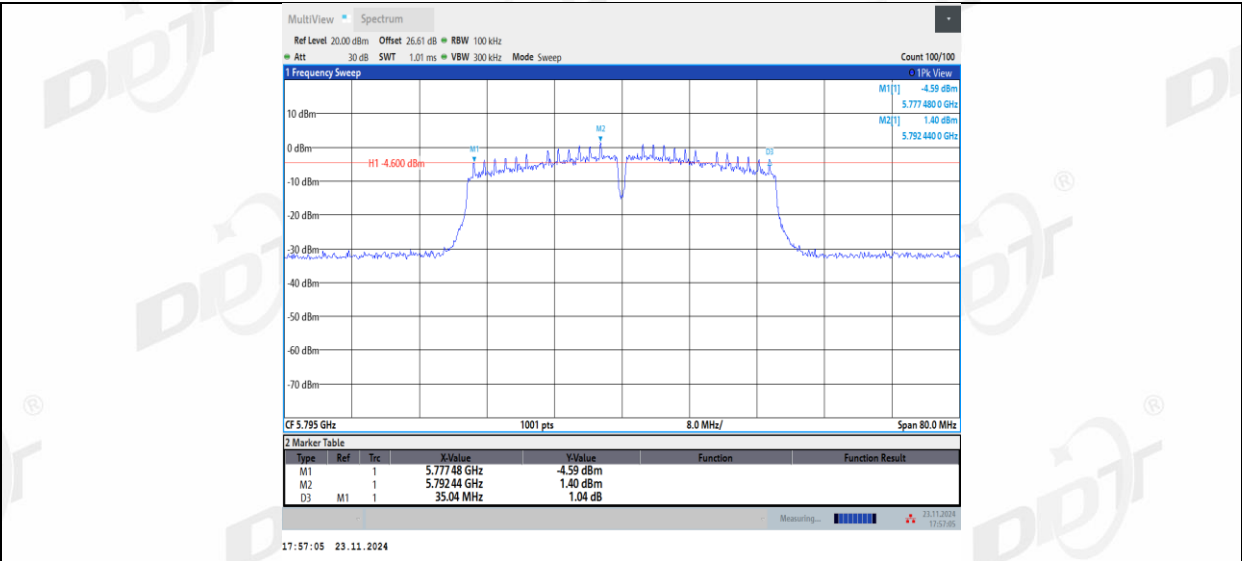




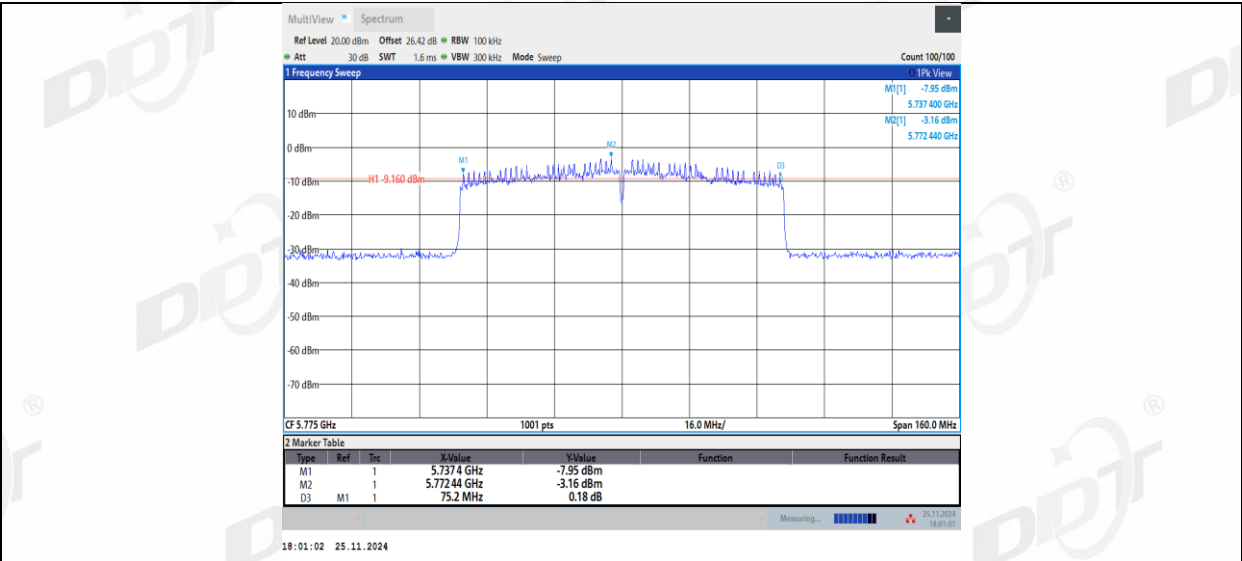
11AC40MIMO_Ant2_5795



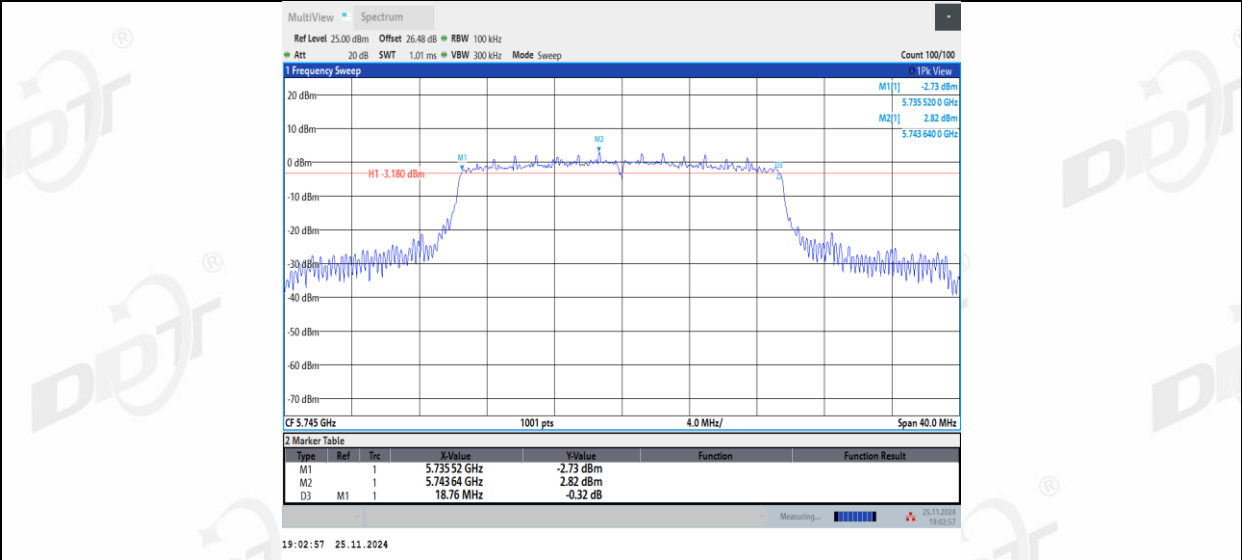
11AC80MIMO_Ant1_5775



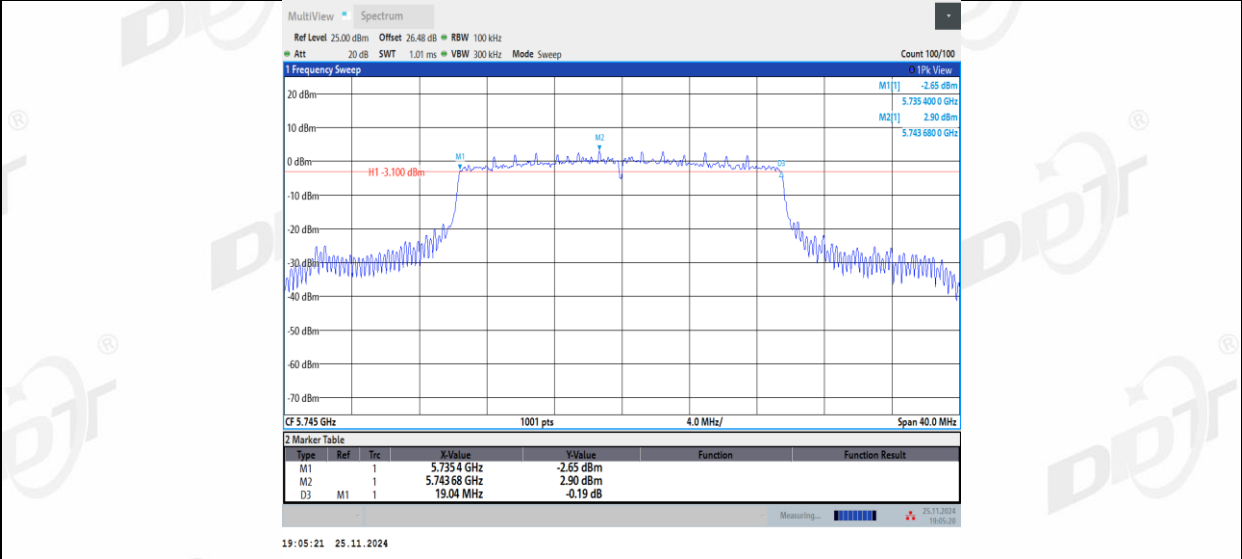
11AC80MIMO_Ant2_5775



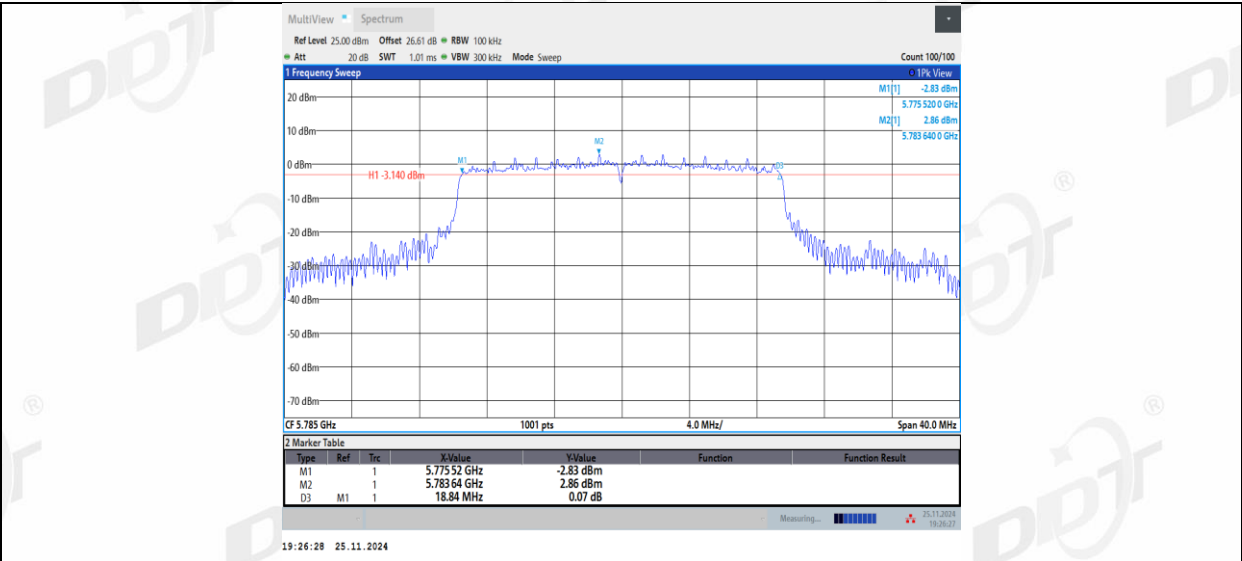
11AX20MIMO_Ant1_5745



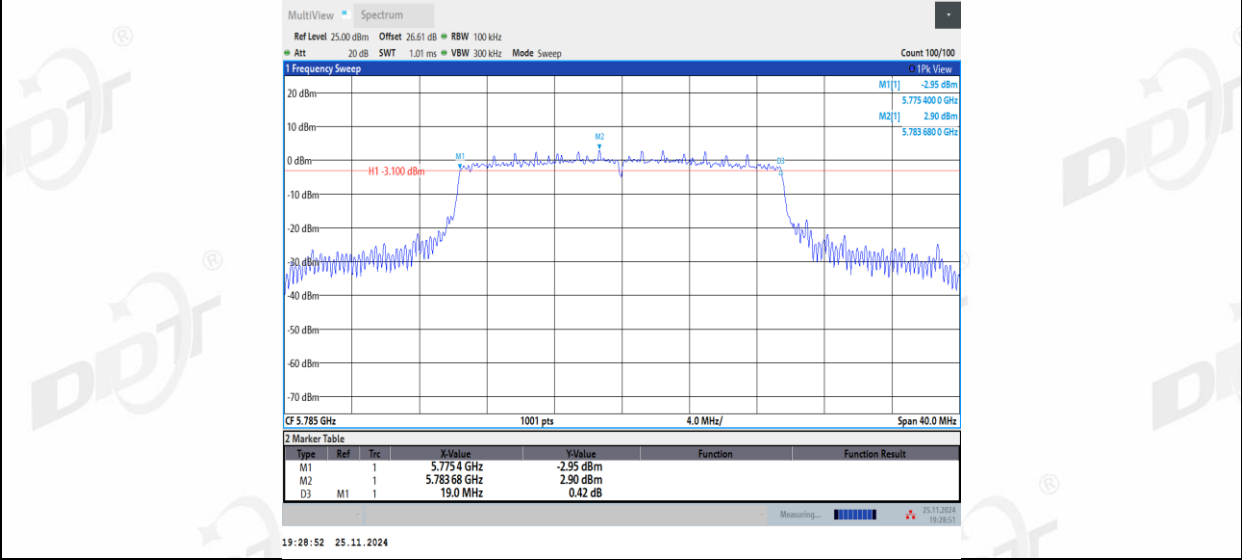
11AX20MIMO_Ant2_5745



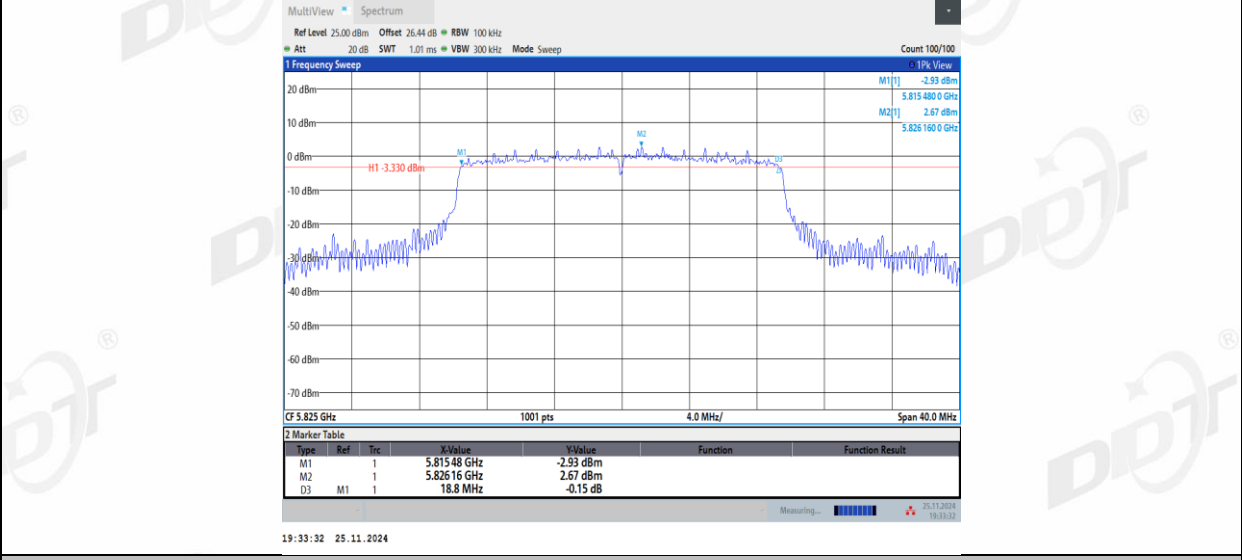
11AX20MIMO_Ant1_5785



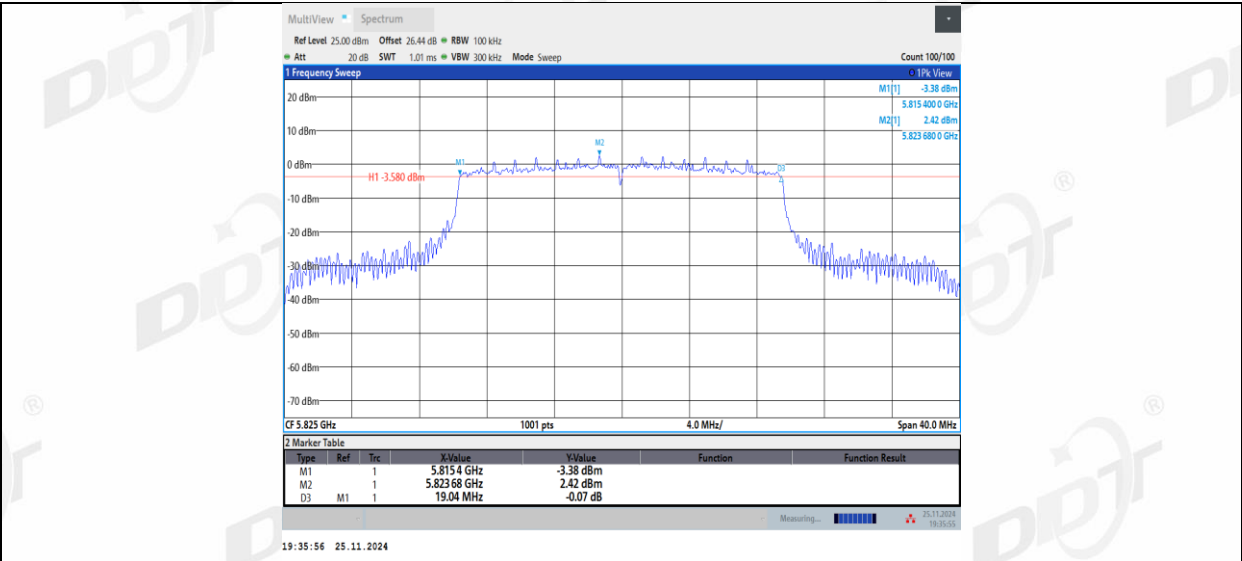
11AX20MIMO_Ant2_5785



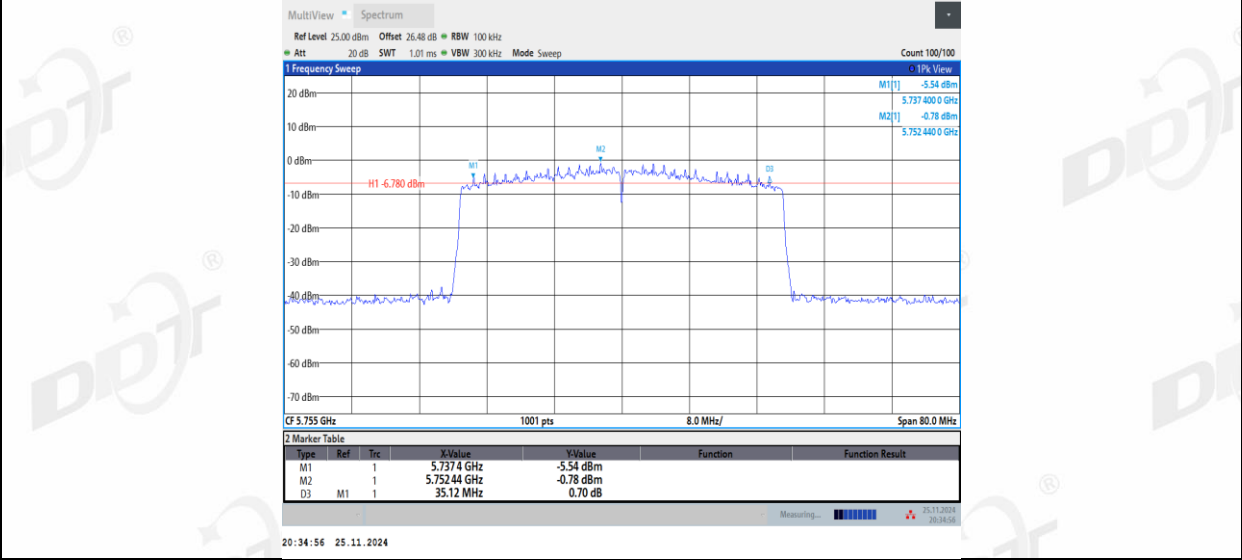
11AX20MIMO_Ant1_5825



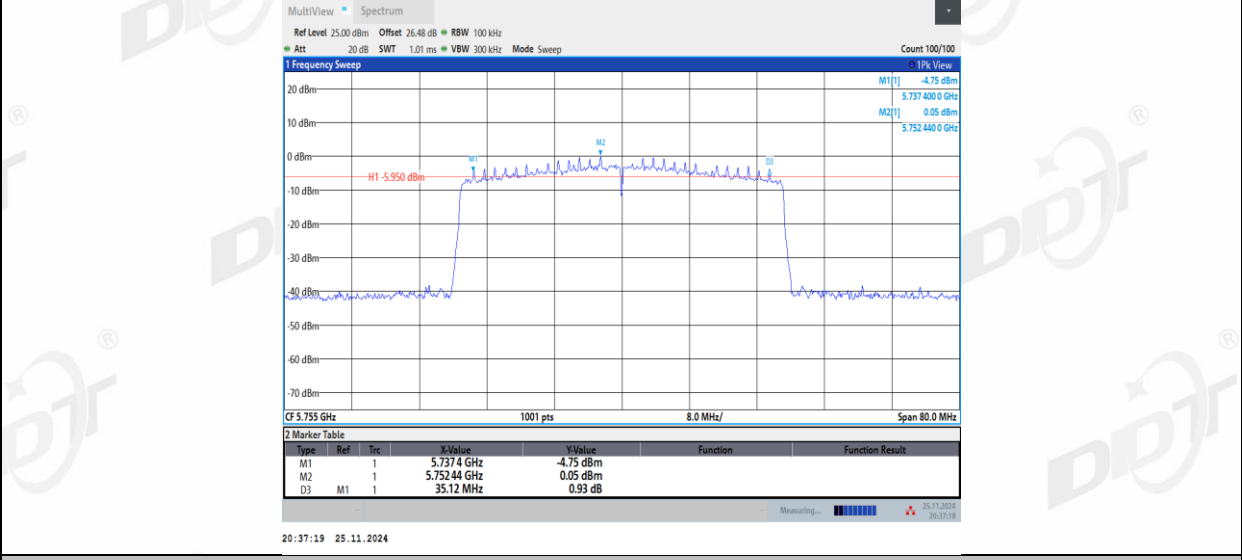
11AX20MIMO_Ant2_5825



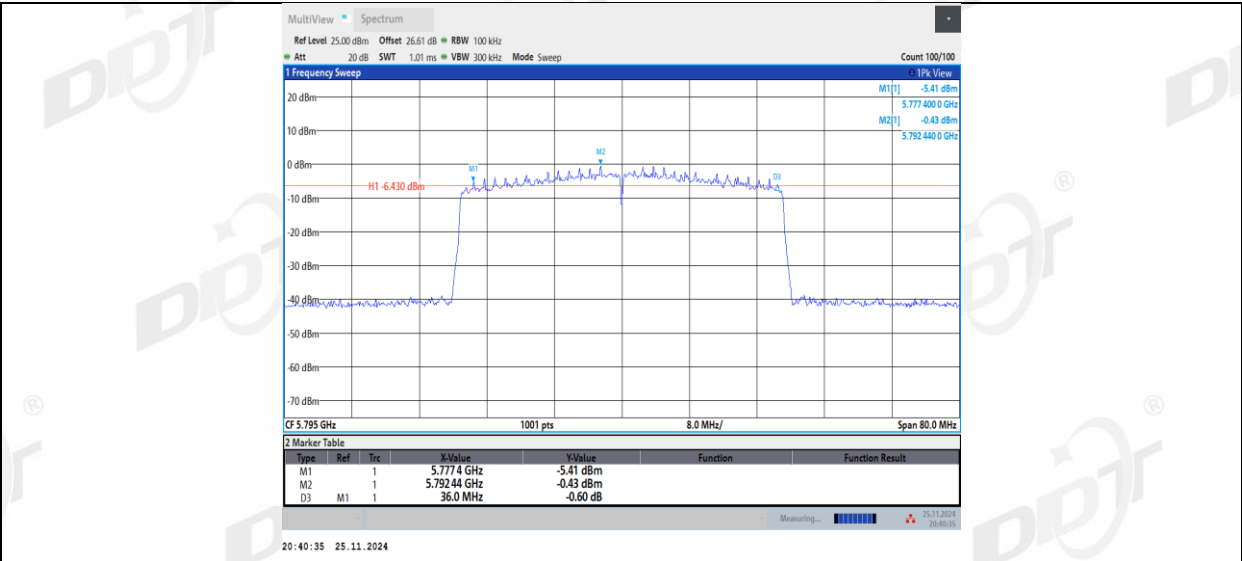
11AX40MIMO_Ant1_5755



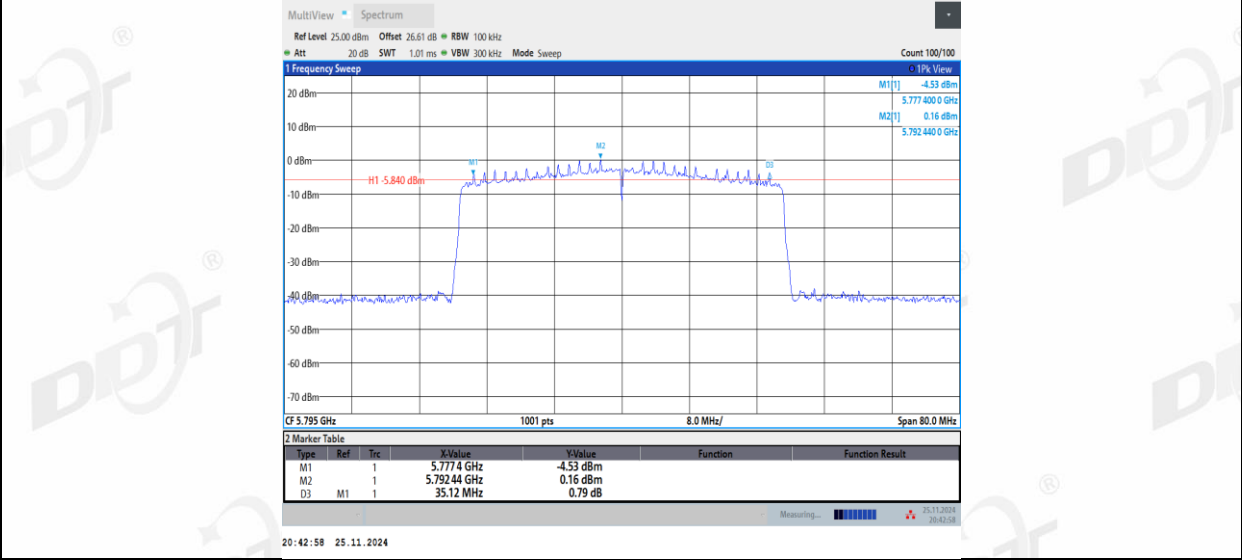
11AX40MIMO_Ant2_5755



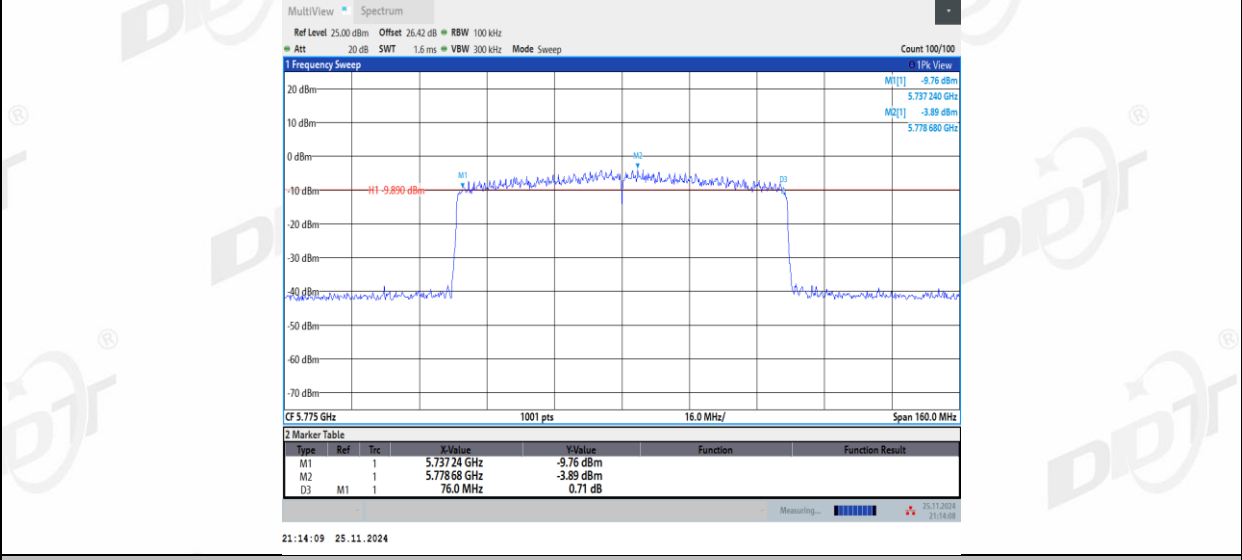
11AX40MIMO_Ant1_5795



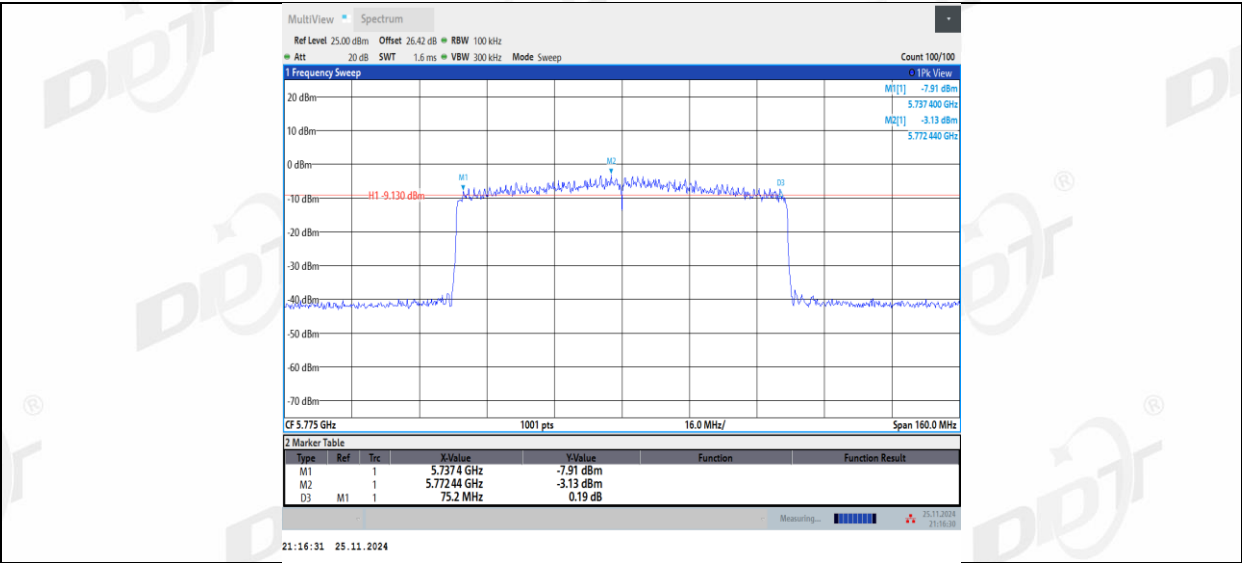
11AX40MIMO_Ant2_5795



11AX80MIMO_Ant1_5775

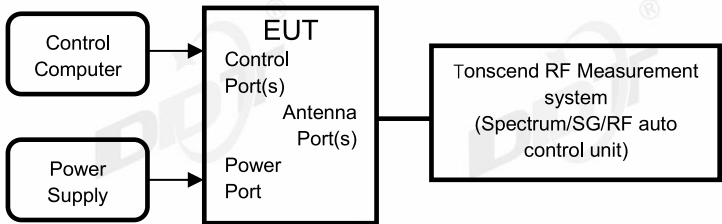


11AX80MIMO_Ant2_5775



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 Engineer:	Zoe Peng	Test Site:	RF Measurement System 4#
Ambient Condition:	22.3-23.1℃,47.2-49.1%RH	Test Date:	2024.11.22-2024.11.25
Test Power Supply:	AC 100-240V	Sample Number:	S24111522-014

Test Mode	Antenna	Frequency[MHz]	OCB [MHz]	FL[MHz]	FH[MHz]	Limit[MHz]	Verdict
11A	Ant1	5180	19.274	5170.2781	5189.5526	---	---
	Ant2	5180	19.308	5170.2499	5189.5578	---	---
	Ant1	5200	19.18	5190.3693	5209.5495	---	---
	Ant2	5200	19.179	5190.3602	5209.5391	---	---
	Ant1	5240	17.173	5231.3337	5248.5072	---	---
	Ant2	5240	17.198	5231.3204	5248.5180	---	---
	Ant1	5260	19.231	5250.3555	5269.5860	---	---
	Ant2	5260	19.21	5250.3123	5269.5222	---	---
	Ant1	5280	19.213	5270.2503	5289.4633	---	---
	Ant2	5280	19.222	5270.2609	5289.4834	---	---
	Ant1	5320	19.196	5310.2503	5329.4464	---	---
	Ant2	5320	19.18	5310.2647	5329.4442	---	---
	Ant1	5500	19.107	5490.4308	5509.5380	---	---
	Ant2	5500	19.179	5490.3933	5509.5726	---	---
	Ant1	5580	19.272	5570.2482	5589.5198	---	---
	Ant2	5580	19.28	5570.2426	5589.5227	---	---
	Ant1	5700	19.284	5690.2070	5709.4912	---	---
	Ant2	5700	19.288	5690.2341	5709.5222	---	---
	Ant1	5720	19.262	5710.3354	5729.5977	---	---
	Ant2	5720	19.23	5710.3725	5729.6025	---	---
	Ant1	5720_UNII-2C	14.665	5710.3354	5725	---	---
	Ant2	5720_UNII-2C	14.627	5710.3725	5725	---	---
	Ant1	5720_UNII-3	4.598	5725	5729.5977	---	---
	Ant2	5720_UNII-3	4.602	5725	5729.6025	---	---
	Ant1	5745	19.155	5735.3050	5754.4600	---	---
	Ant2	5745	19.189	5735.2502	5754.4391	---	---
	Ant1	5785	19.244	5775.3599	5794.6044	---	---
	Ant2	5785	19.21	5775.3567	5794.5667	---	---
	Ant1	5825	19.219	5815.2991	5834.5181	---	---
	Ant2	5825	19.225	5815.2553	5834.4803	---	---
11N20MIM O	Ant1	5180	20.173	5169.9190	5190.0923	---	---
	Ant2	5180	18.615	5170.4963	5189.1110	---	---
	Ant1	5200	20.042	5190.0253	5210.0673	---	---
	Ant2	5200	18.556	5190.6126	5209.1683	---	---
	Ant1	5240	17.996	5230.9535	5248.9496	---	---
	Ant2	5240	17.729	5231.0591	5248.7882	---	---
	Ant1	5260	20.098	5249.9967	5270.0947	---	---
	Ant2	5260	18.558	5250.5736	5269.1316	---	---
	Ant1	5280	20.084	5269.9086	5289.9923	---	---
	Ant2	5280	18.528	5270.5985	5289.1264	---	---
	Ant1	5320	20.078	5309.9177	5329.9953	---	---
	Ant2	5320	18.57	5310.5373	5329.1077	---	---
	Ant1	5500	20.002	5490.0550	5510.0572	---	---
	Ant2	5500	18.581	5490.5867	5509.1678	---	---
	Ant1	5580	20.153	5569.9215	5590.0749	---	---
	Ant2	5580	18.612	5570.5172	5589.1290	---	---
	Ant1	5700	20.162	5689.8676	5710.0293	---	---
	Ant2	5700	18.64	5690.5196	5709.1591	---	---
	Ant1	5720	20.149	5709.9490	5730.0981	---	---
	Ant2	5720	18.583	5710.5632	5729.1466	---	---
	Ant1	5720_UNII-2C	15.051	5709.9490	5725	---	---
	Ant2	5720_UNII-2C	14.437	5710.5632	5725	---	---
	Ant1	5720_UNII-3	5.098	5725	5730.0981	---	---
	Ant2	5720_UNII-3	4.147	5725	5729.1466	---	---
	Ant1	5745	20.031	5734.9331	5754.9639	---	---

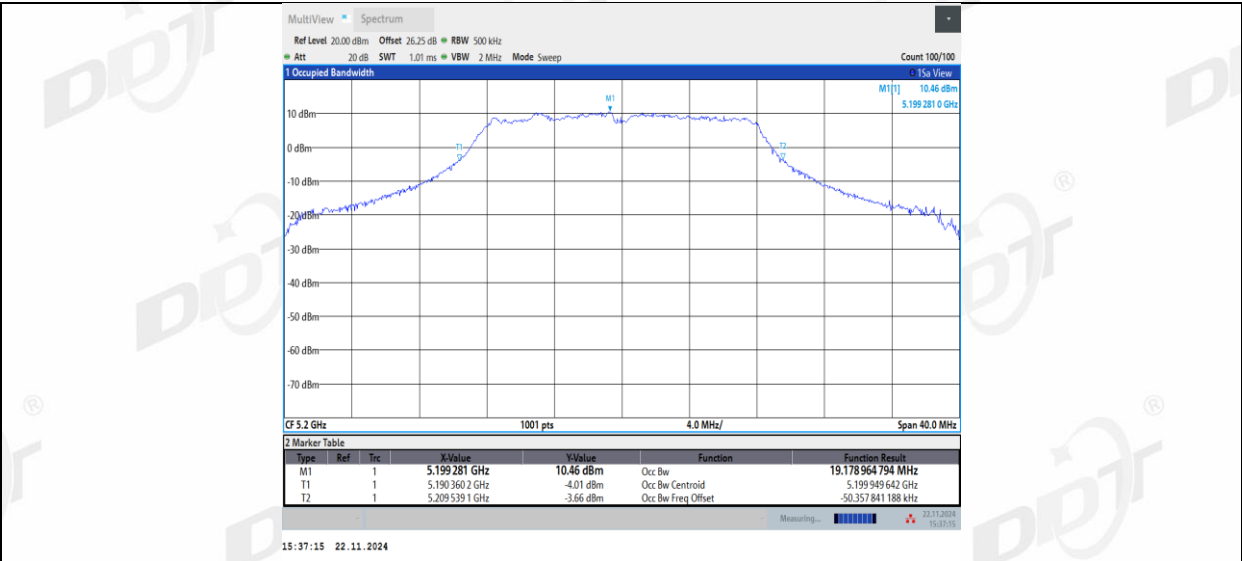
	Ant2	5745	18.518	5735.5884	5754.1062	---	---
	Ant1	5785	20.12	5774.9750	5795.0948	---	---
	Ant2	5785	18.56	5775.5531	5794.1134	---	---
	Ant1	5825	20.169	5814.8491	5835.0178	---	---
	Ant2	5825	18.6	5815.5334	5834.1331	---	---
11N40MIM O	Ant1	5190	35.969	5172.0018	5207.9711	---	---
	Ant2	5190	36.01	5171.9522	5207.9618	---	---
	Ant1	5230	35.961	5211.9896	5247.9505	---	---
	Ant2	5230	35.979	5211.9418	5247.9206	---	---
	Ant1	5270	35.917	5252.0150	5287.9318	---	---
	Ant2	5270	36.05	5251.9424	5287.9922	---	---
	Ant1	5310	35.941	5291.9625	5327.9030	---	---
	Ant2	5310	35.966	5291.8976	5327.8637	---	---
	Ant1	5510	35.923	5492.0528	5527.9760	---	---
	Ant2	5510	35.981	5491.9631	5527.9436	---	---
	Ant1	5550	35.929	5531.9648	5567.8943	---	---
	Ant2	5550	35.977	5531.9454	5567.9225	---	---
	Ant1	5670	35.923	5651.9939	5687.9173	---	---
	Ant2	5670	36.011	5652.0056	5688.0167	---	---
	Ant1	5710	36.035	5691.9683	5728.0030	---	---
	Ant2	5710	36.038	5691.9302	5727.9680	---	---
	Ant1	5710 UNII-2C	33.032	5691.9683	5725	---	---
	Ant2	5710 UNII-2C	33.07	5691.9302	5725	---	---
	Ant1	5710 UNII-3	3.003	5725	5728.0030	---	---
	Ant2	5710 UNII-3	2.968	5725	5727.9680	---	---
	Ant1	5755	35.947	5736.9578	5772.9048	---	---
	Ant2	5755	36.046	5736.8968	5772.9426	---	---
	Ant1	5795	35.9	5777.0345	5812.9343	---	---
	Ant2	5795	36.008	5776.9228	5812.9305	---	---
11AC20MI MO	Ant1	5180	19.901	5170.0141	5189.9155	---	---
	Ant2	5180	18.321	5170.8193	5189.1407	---	---
	Ant1	5200	19.83	5190.1044	5209.9346	---	---
	Ant2	5200	18.33	5190.8664	5209.1965	---	---
	Ant1	5240	17.959	5230.9520	5248.9113	---	---
	Ant2	5240	17.617	5231.1177	5248.7344	---	---
	Ant1	5260	19.747	5250.1240	5269.8713	---	---
	Ant2	5260	18.193	5250.8941	5269.0869	---	---
	Ant1	5280	19.723	5270.0614	5289.7846	---	---
	Ant2	5280	18.194	5270.9165	5289.1104	---	---
	Ant1	5320	19.804	5310.0141	5329.8177	---	---
	Ant2	5320	18.307	5310.7871	5329.0937	---	---
	Ant1	5500	19.802	5490.1117	5509.9142	---	---
	Ant2	5500	18.275	5490.8744	5509.1497	---	---
	Ant1	5580	19.762	5570.0504	5589.8127	---	---
	Ant2	5580	18.226	5570.8591	5589.0847	---	---
	Ant1	5700	19.869	5689.9654	5709.8347	---	---
	Ant2	5700	18.364	5690.8104	5709.1739	---	---
	Ant1	5720	19.797	5710.0824	5729.8798	---	---
	Ant2	5720	18.197	5710.8921	5729.0892	---	---
	Ant1	5720 UNII-2C	14.918	5710.0824	5725	---	---
	Ant2	5720 UNII-2C	14.108	5710.8921	5725	---	---
	Ant1	5720 UNII-3	4.88	5725	5729.8798	---	---
	Ant2	5720 UNII-3	4.089	5725	5729.0892	---	---
	Ant1	5745	19.631	5735.0701	5754.7010	---	---
	Ant2	5745	18.186	5735.8897	5754.0761	---	---
	Ant1	5785	19.736	5775.1066	5794.8423	---	---
	Ant2	5785	18.185	5775.8753	5794.0605	---	---
	Ant1	5825	19.748	5815.0556	5834.8035	---	---
	Ant2	5825	18.207	5815.8881	5834.0953	---	---
11AC40MI MO	Ant1	5190	35.882	5172.0304	5207.9125	---	---
	Ant2	5190	36.218	5171.8826	5208.1005	---	---
	Ant1	5230	35.846	5212.0208	5247.8664	---	---
	Ant2	5230	36.049	5211.9305	5247.9793	---	---
	Ant1	5270	35.871	5252.0132	5287.8845	---	---

	Ant2	5270	36.179	5251.9113	5288.0900	---	---
	Ant1	5310	35.845	5291.9964	5327.8415	---	---
	Ant2	5310	36.085	5291.8714	5327.9565	---	---
	Ant1	5510	35.829	5492.0632	5527.8920	---	---
	Ant2	5510	36.069	5491.9256	5527.9947	---	---
	Ant1	5550	35.859	5531.9884	5567.8477	---	---
	Ant2	5550	36.111	5531.8983	5568.0092	---	---
	Ant1	5670	35.832	5652.0286	5687.8605	---	---
	Ant2	5670	36.115	5651.9587	5688.0732	---	---
	Ant1	5710	35.946	5691.9515	5727.8972	---	---
	Ant2	5710	36.166	5691.8959	5728.0616	---	---
	Ant1	5710 UNII-2C	33.048	5691.9515	5725	---	---
	Ant2	5710 UNII-2C	33.104	5691.8959	5725	---	---
	Ant1	5710 UNII-3	2.897	5725	5727.8972	---	---
	Ant2	5710 UNII-3	3.062	5725	5728.0616	---	---
	Ant1	5755	35.891	5736.9457	5772.8368	---	---
	Ant2	5755	36.113	5736.8890	5773.0021	---	---
	Ant1	5795	35.886	5777.0179	5812.9038	---	---
	Ant2	5795	36.127	5776.8863	5813.0131	---	---
11AC80MI MO	Ant1	5210	75.242	5172.3655	5247.6073	---	---
	Ant2	5210	75.008	5172.5355	5247.5433	---	---
	Ant1	5290	75.201	5252.3287	5327.5298	---	---
	Ant2	5290	74.919	5252.5139	5327.4325	---	---
	Ant1	5530	75.049	5492.4535	5567.5022	---	---
	Ant2	5530	74.968	5492.5517	5567.5198	---	---
	Ant1	5610	75.137	5572.4486	5647.5859	---	---
	Ant2	5610	74.883	5572.5604	5647.4433	---	---
	Ant1	5690	75.296	5652.2557	5727.5512	---	---
	Ant2	5690	74.932	5652.6079	5727.5400	---	---
	Ant1	5690 UNII-2C	72.744	5652.2557	5725	---	---
	Ant2	5690 UNII-2C	72.392	5652.6079	5725	---	---
	Ant1	5690 UNII-3	2.551	5725	5727.5512	---	---
	Ant2	5690 UNII-3	2.54	5725	5727.5400	---	---
11AX20MI MO	Ant1	5775	75.27	5737.2380	5812.5082	---	---
	Ant2	5775	75.006	5737.4111	5812.4174	---	---
	Ant1	5180	19.394	5170.2652	5189.6593	---	---
	Ant2	5180	19.321	5170.2662	5189.5868	---	---
	Ant1	5200	19.365	5190.2650	5209.6304	---	---
	Ant2	5200	19.348	5190.2792	5209.6276	---	---
	Ant1	5240	18.903	5230.4861	5249.3886	---	---
	Ant2	5240	18.905	5230.4847	5249.3899	---	---
	Ant1	5260	19.37	5250.2603	5269.6299	---	---
	Ant2	5260	19.255	5250.3117	5269.5663	---	---
	Ant1	5280	19.336	5270.2453	5289.5810	---	---
	Ant2	5280	19.302	5270.3260	5289.6281	---	---
	Ant1	5320	19.367	5310.2661	5329.6335	---	---
	Ant2	5320	19.303	5310.2505	5329.5537	---	---
	Ant1	5500	19.375	5490.2897	5509.6646	---	---
	Ant2	5500	19.28	5490.3028	5509.5825	---	---
	Ant1	5580	19.418	5570.2507	5589.6685	---	---
	Ant2	5580	19.29	5570.2771	5589.5670	---	---
	Ant1	5700	19.382	5690.2193	5709.6010	---	---
	Ant2	5700	19.337	5690.2564	5709.5929	---	---
	Ant1	5720	19.352	5710.2771	5729.6289	---	---
	Ant2	5720	19.286	5710.2972	5729.5833	---	---
	Ant1	5720 UNII-2C	14.723	5710.2771	5725	---	---
	Ant2	5720 UNII-2C	14.703	5710.2972	5725	---	---
	Ant1	5720 UNII-3	4.629	5725	5729.6289	---	---
	Ant2	5720 UNII-3	4.583	5725	5729.5833	---	---
	Ant1	5745	19.335	5735.2620	5754.5970	---	---
	Ant2	5745	19.245	5735.3206	5754.5657	---	---
	Ant1	5785	19.366	5775.2828	5794.6485	---	---
	Ant2	5785	19.273	5775.3023	5794.5755	---	---
	Ant1	5825	19.403	5815.2407	5834.6434	---	---

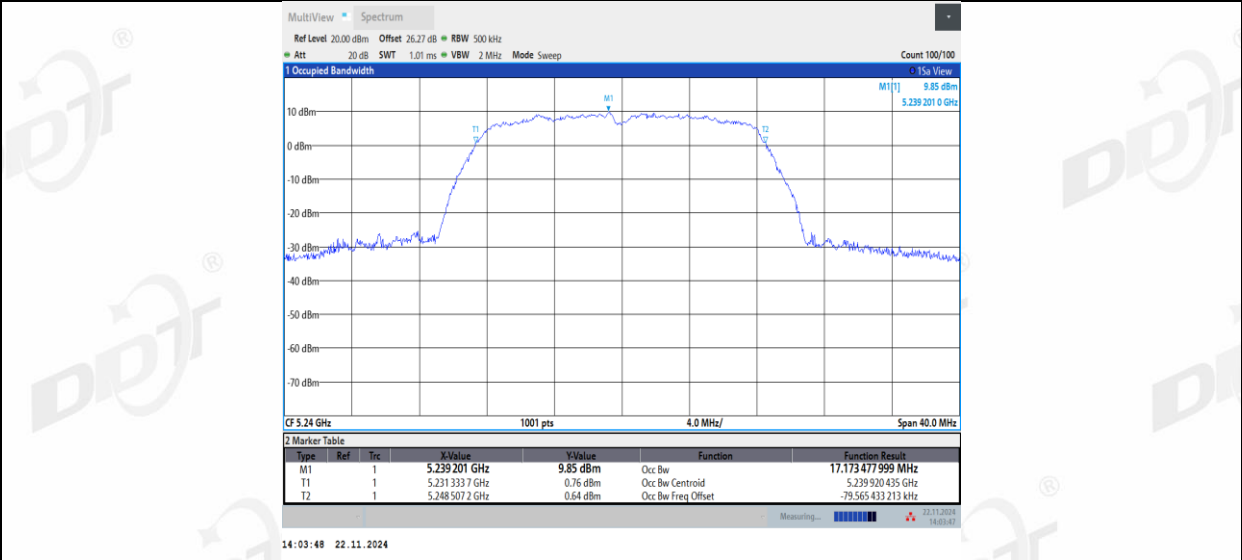
11AX40MI MO	Ant2	5825	19.309	5815.2839	5834.5929	---	---
	Ant1	5190	37.683	5171.1316	5208.8142	---	---
	Ant2	5190	37.68	5171.1298	5208.8098	---	---
	Ant1	5230	37.62	5211.1543	5248.7746	---	---
	Ant2	5230	37.596	5211.1652	5248.7617	---	---
	Ant1	5270	37.613	5251.1551	5288.7677	---	---
	Ant2	5270	37.601	5251.1854	5288.7869	---	---
	Ant1	5310	37.614	5291.1117	5328.7254	---	---
	Ant2	5310	37.576	5291.1224	5328.6981	---	---
	Ant1	5510	37.658	5491.1380	5528.7965	---	---
	Ant2	5510	37.587	5491.1677	5528.7546	---	---
	Ant1	5550	37.602	5531.1490	5568.7508	---	---
	Ant2	5550	37.599	5531.2070	5568.8065	---	---
	Ant1	5670	37.557	5651.1817	5688.7384	---	---
	Ant2	5670	37.586	5651.1619	5688.7481	---	---
	Ant1	5710	37.68	5691.0931	5728.7730	---	---
	Ant2	5710	37.612	5691.1023	5728.7142	---	---
	Ant1	5710 UNII-2C	33.907	5691.0931	5725	---	---
	Ant2	5710 UNII-2C	33.898	5691.1023	5725	---	---
	Ant1	5710 UNII-3	3.773	5725	5728.7730	---	---
	Ant2	5710 UNII-3	3.714	5725	5728.7142	---	---
	Ant1	5755	37.578	5736.1378	5773.7156	---	---
	Ant2	5755	37.571	5736.1644	5773.7350	---	---
	Ant1	5795	37.607	5776.1471	5813.7542	---	---
	Ant2	5795	37.655	5776.1161	5813.7714	---	---
11AX80MI MO	Ant1	5210	77.095	5171.4735	5248.5688	---	---
	Ant2	5210	77.011	5171.4985	5248.5100	---	---
	Ant1	5290	77.104	5251.4316	5328.5351	---	---
	Ant2	5290	77.054	5251.5302	5328.5840	---	---
	Ant1	5530	77.017	5491.4352	5568.4522	---	---
	Ant2	5530	77.184	5491.4587	5568.6427	---	---
	Ant1	5610	77.064	5571.4248	5648.4886	---	---
	Ant2	5610	77.167	5571.4616	5648.6286	---	---
	Ant1	5690	77.195	5651.3313	5728.5263	---	---
	Ant2	5690	77.073	5651.5534	5728.6269	---	---
	Ant1	5690 UNII-2C	73.669	5651.3313	5725	---	---
	Ant2	5690 UNII-2C	73.447	5651.5534	5725	---	---
	Ant1	5690 UNII-3	3.526	5725	5728.5263	---	---
	Ant2	5690 UNII-3	3.627	5725	5728.6269	---	---
	Ant1	5775	77.193	5736.3368	5813.5301	---	---
	Ant2	5775	77.166	5736.2591	5813.4250	---	---

6.5. Test graphs

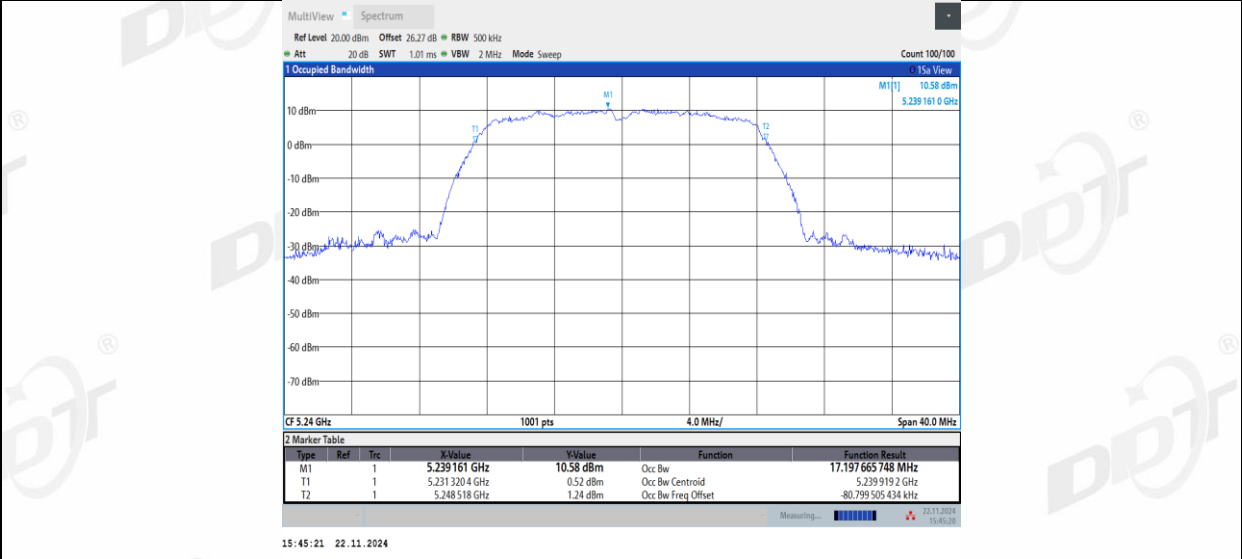




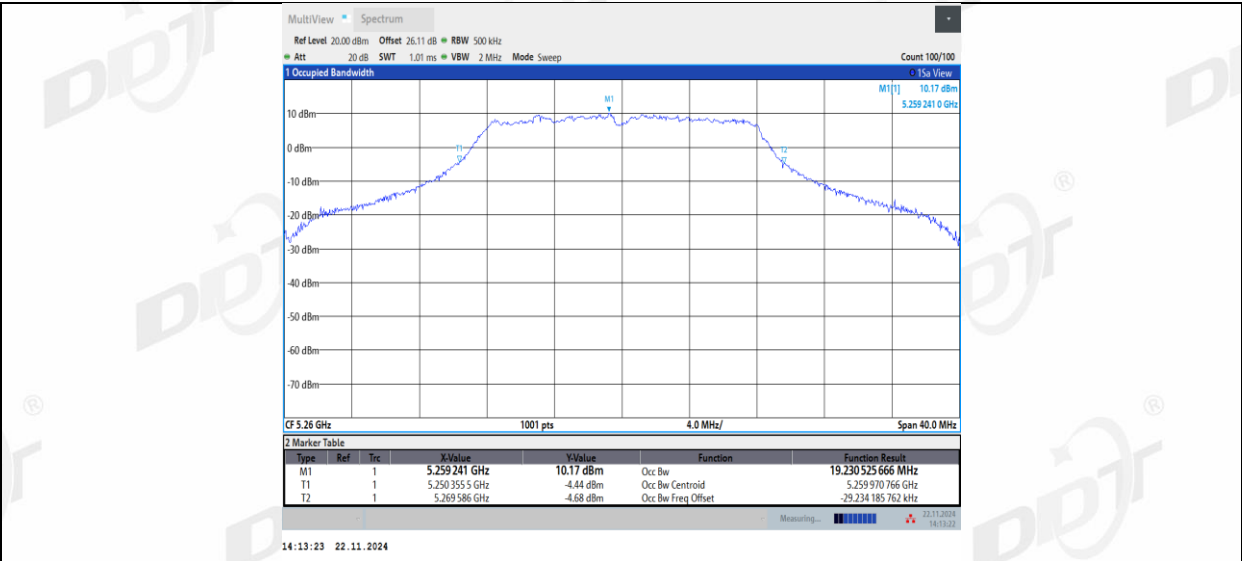
11A_Ant1_5240



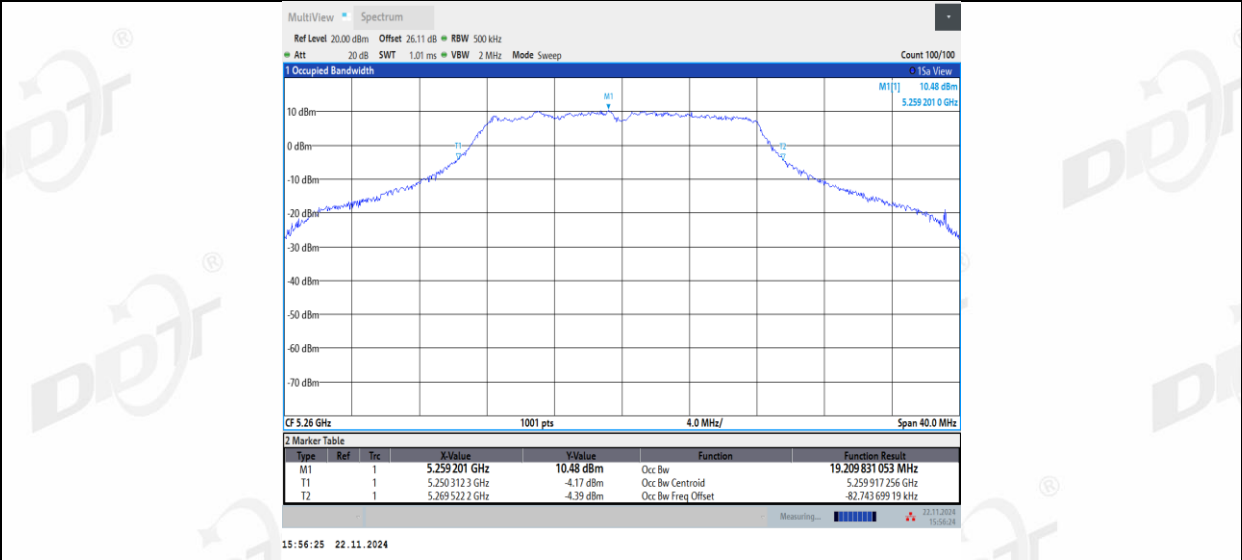
11A_Ant2_5240



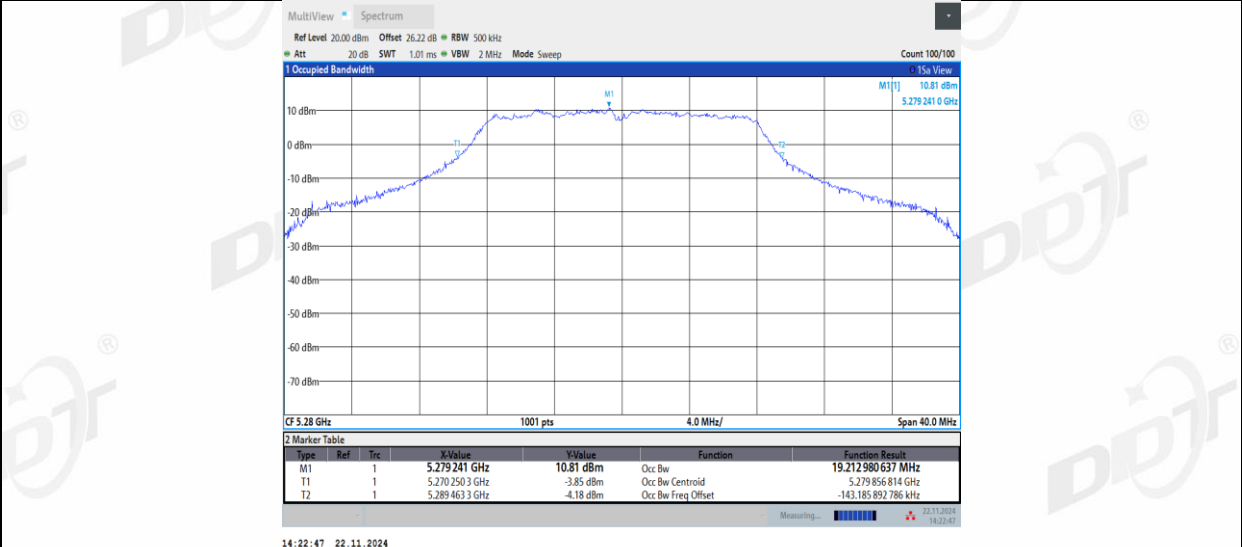
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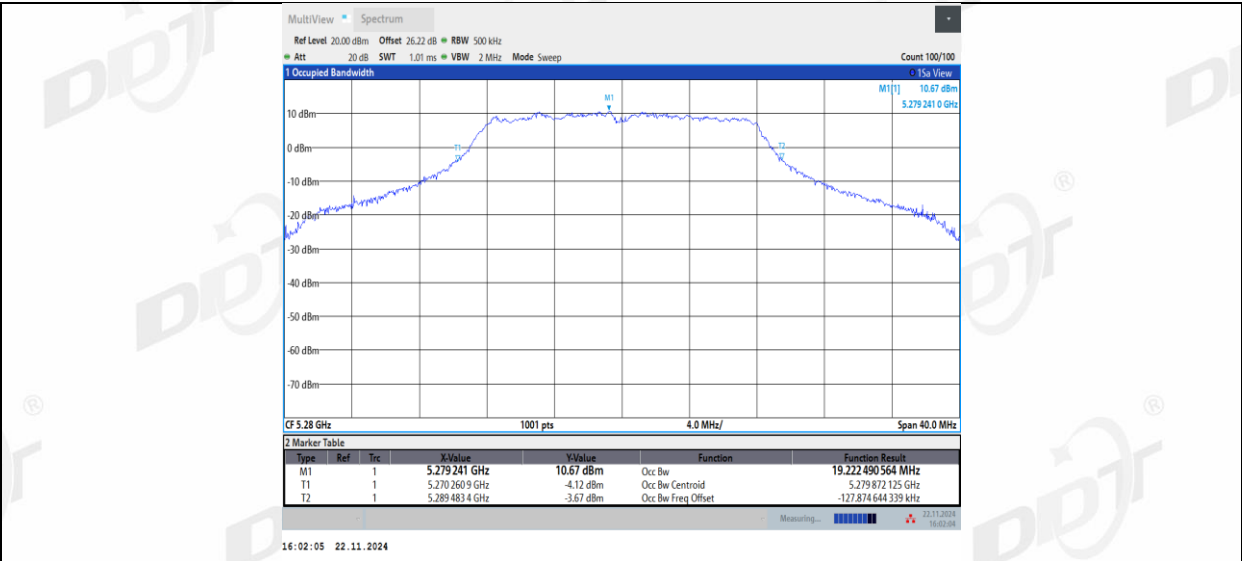
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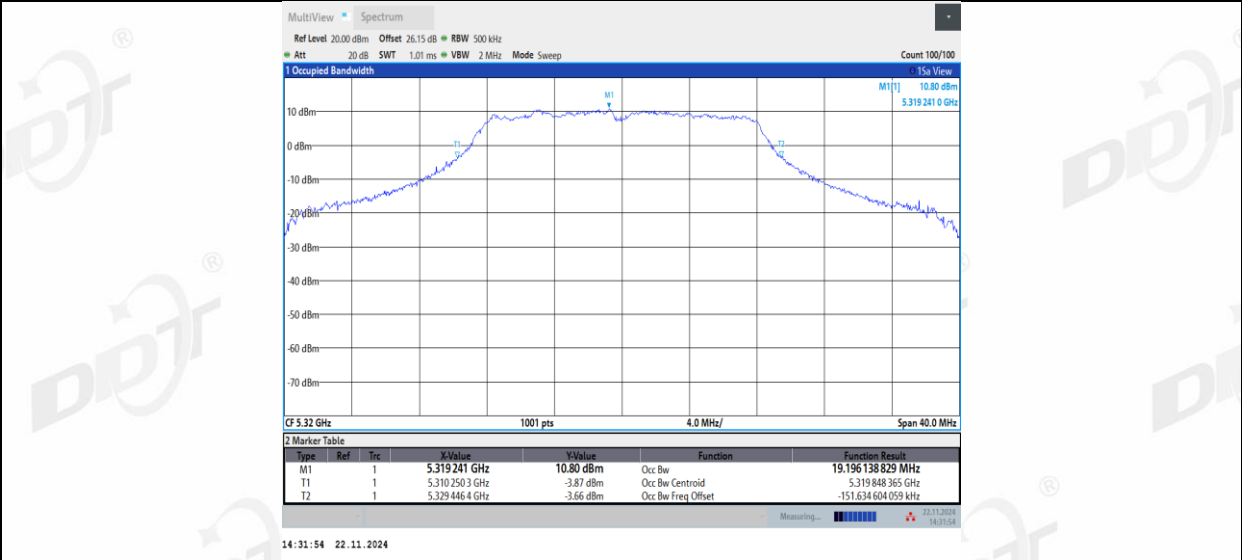
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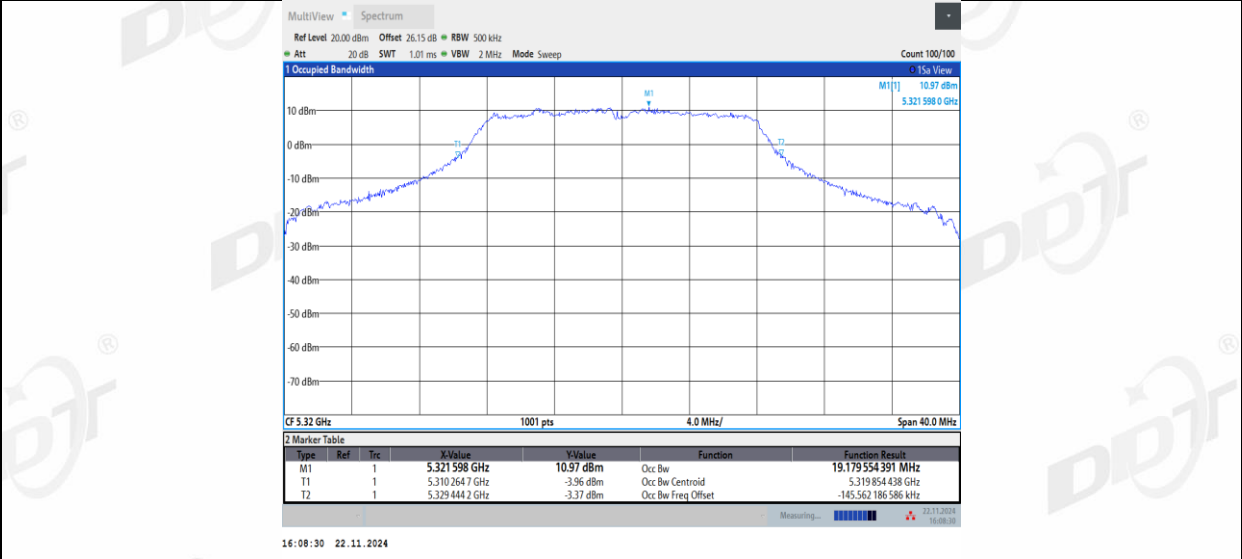
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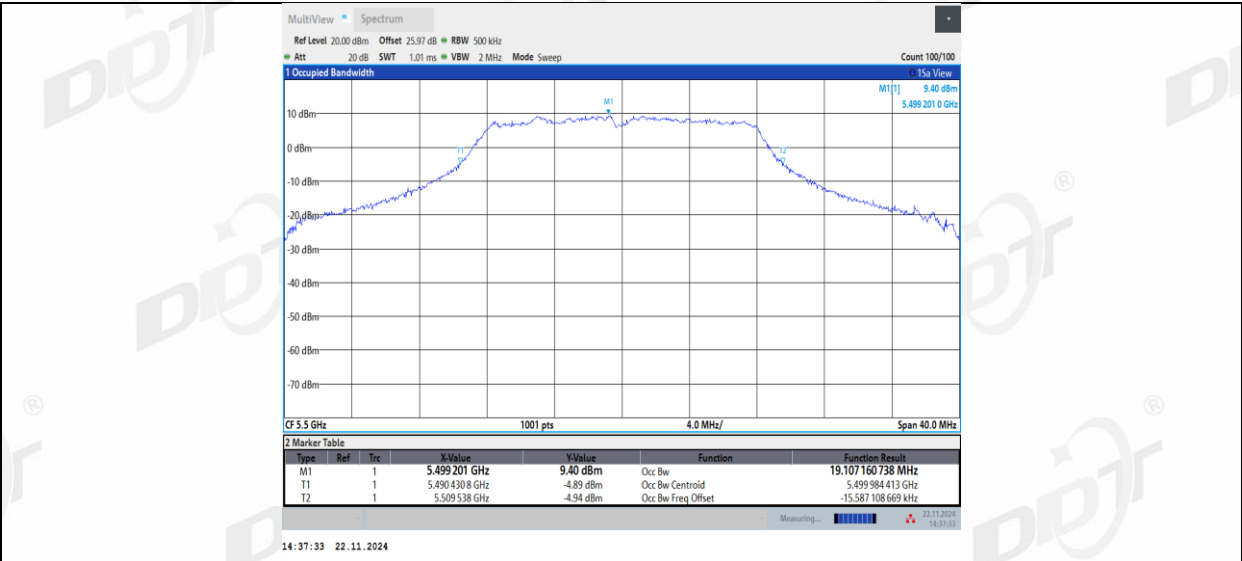
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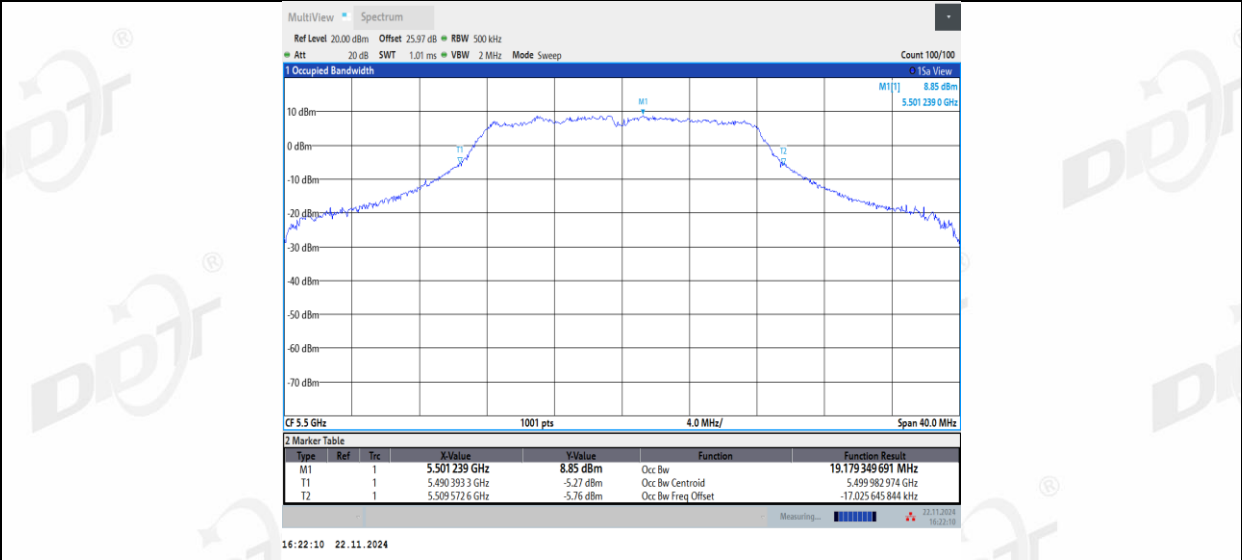
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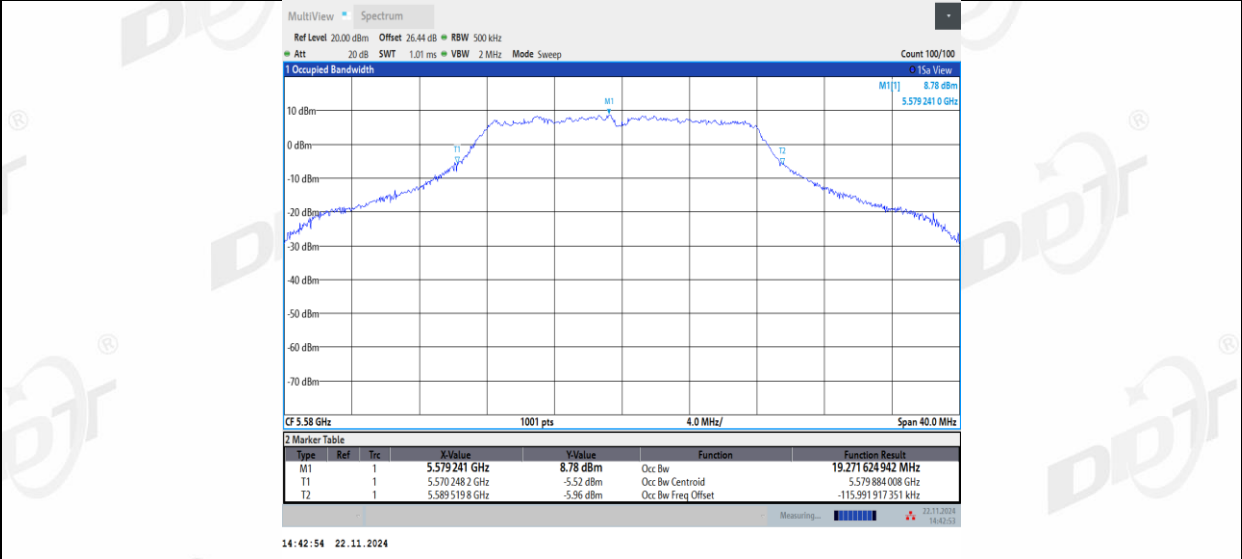
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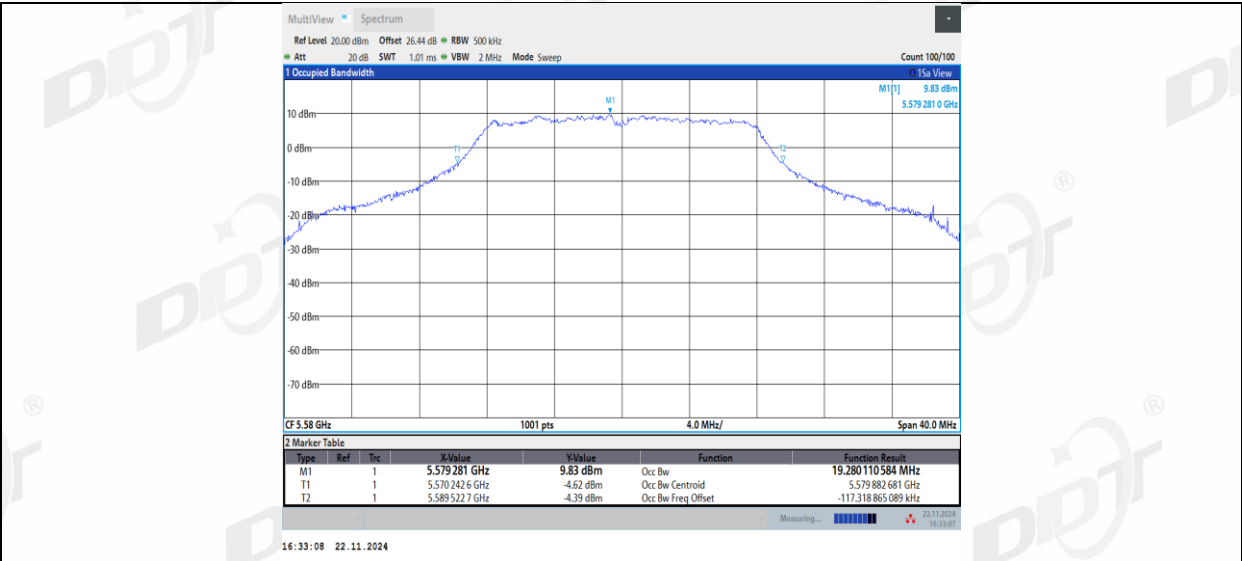
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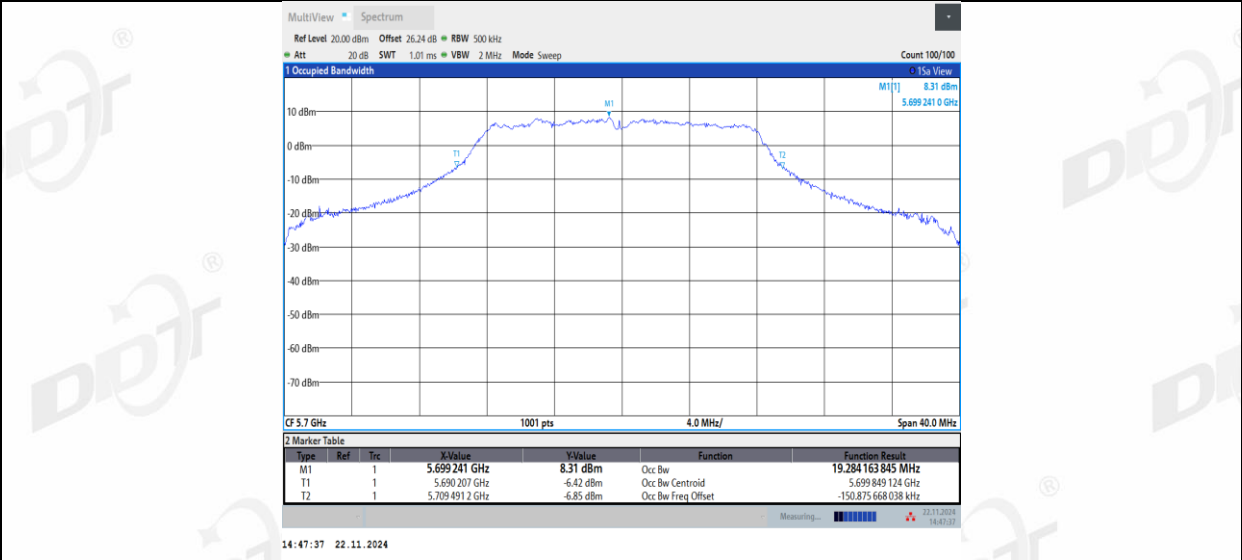
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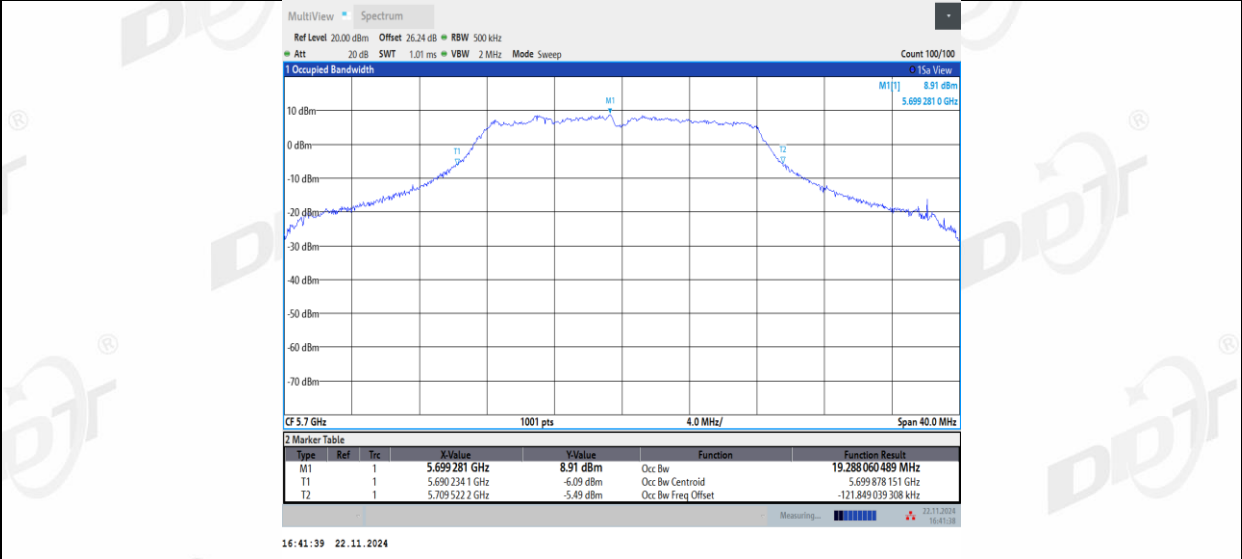
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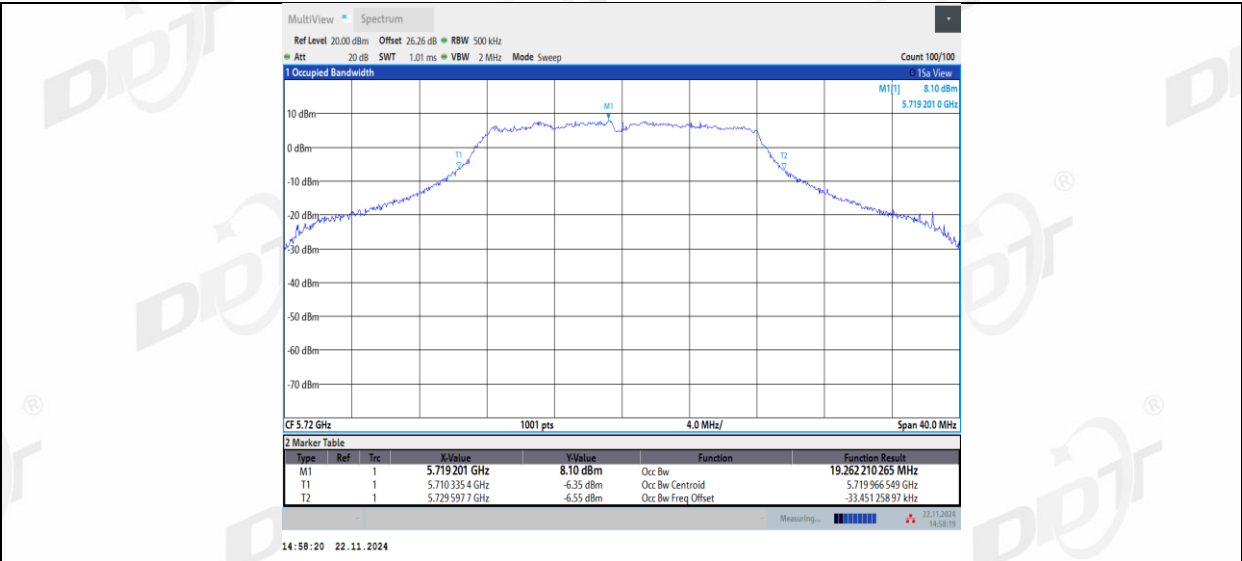
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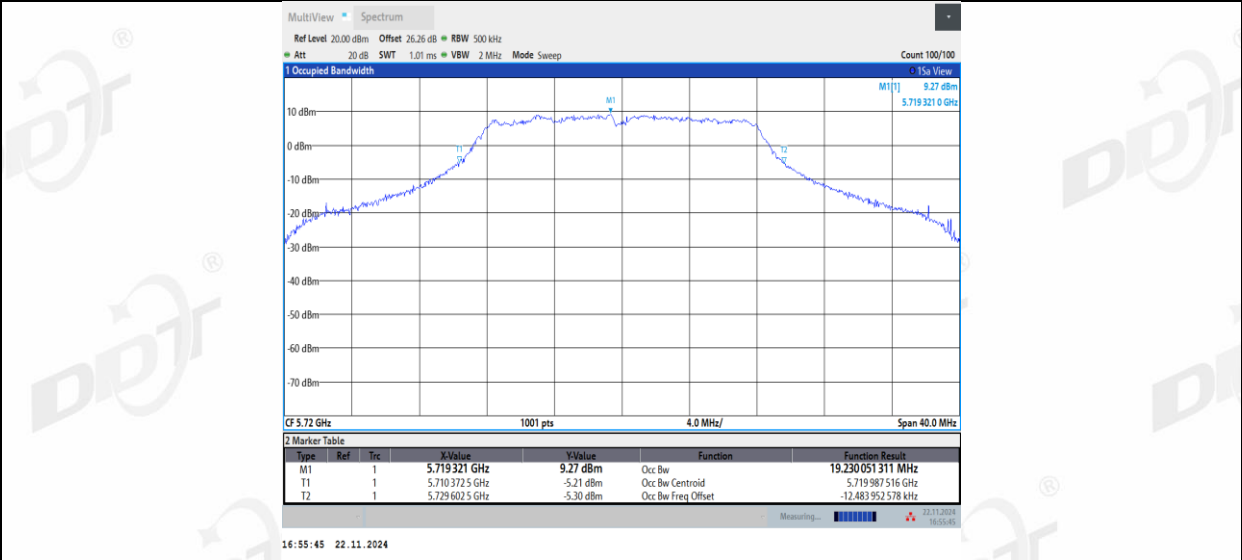
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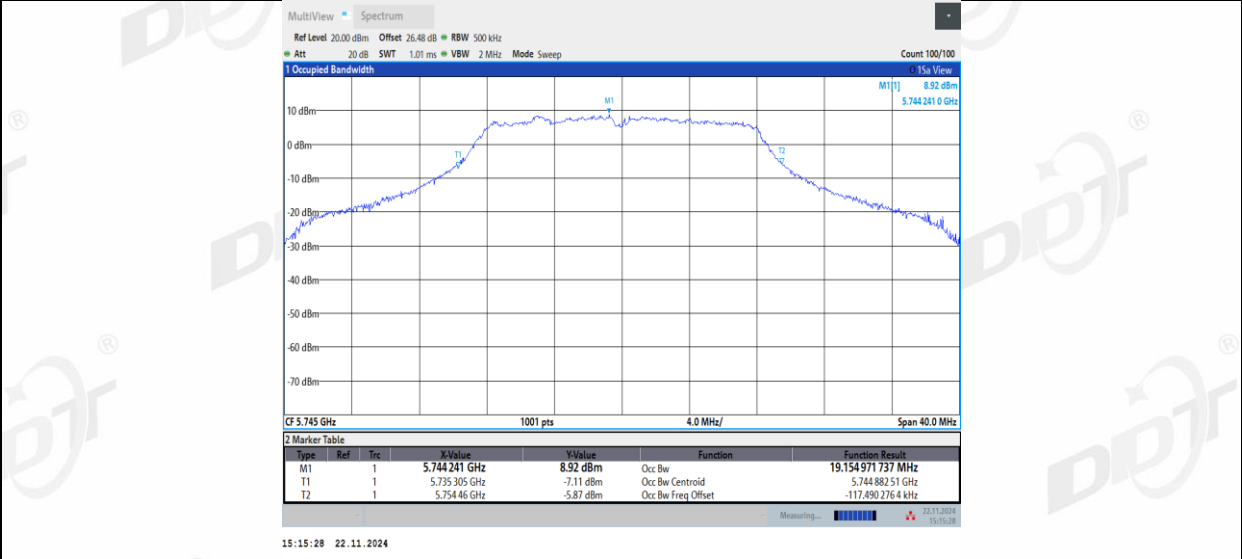
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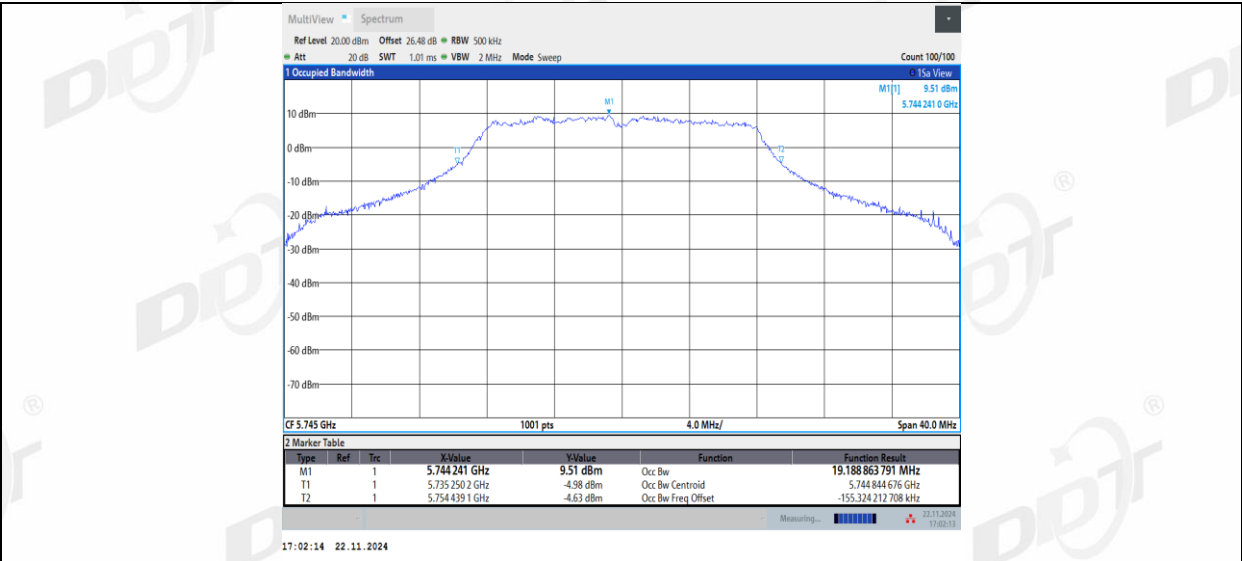
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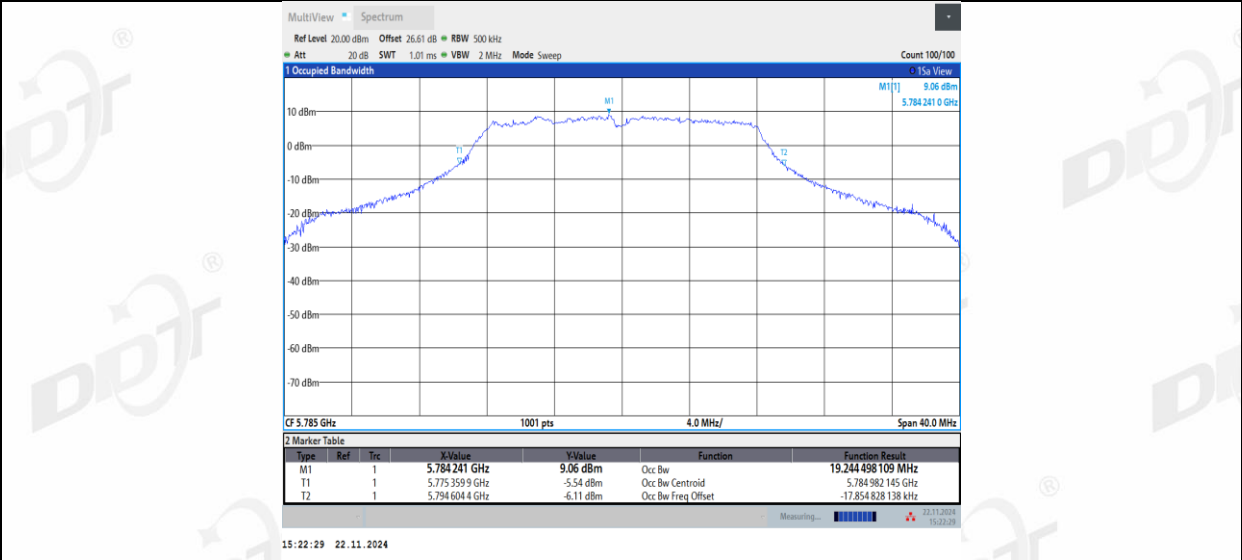
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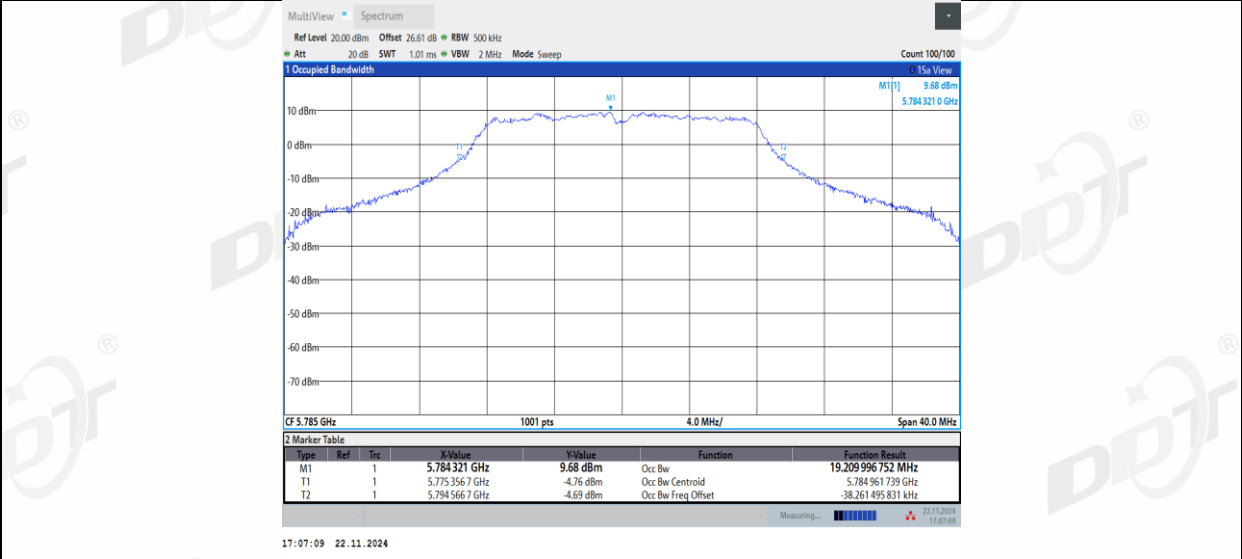
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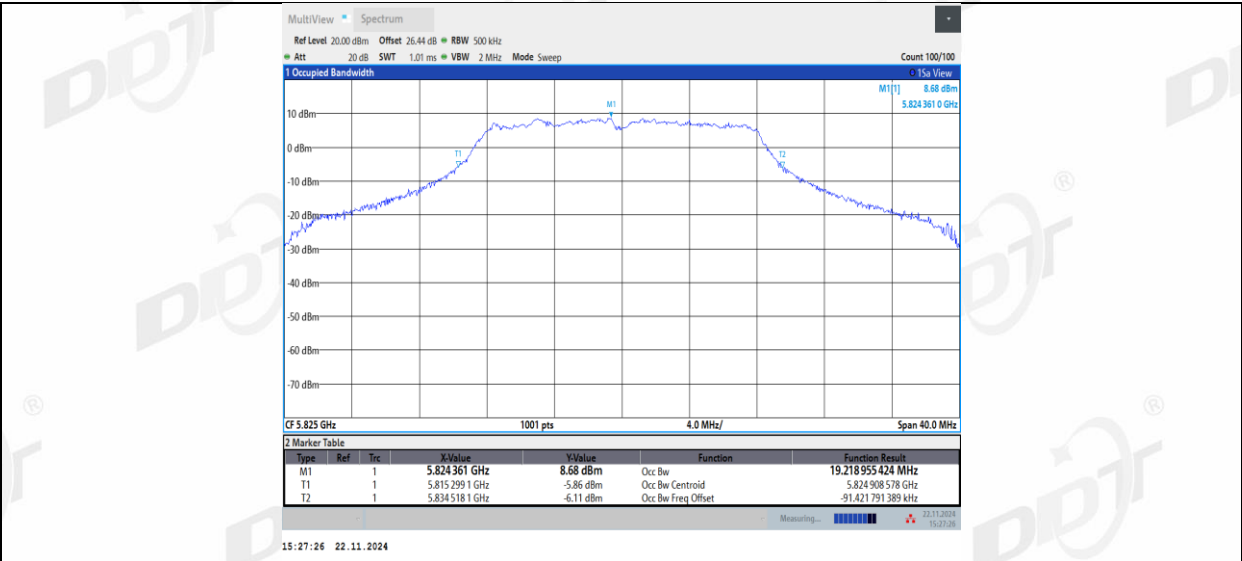
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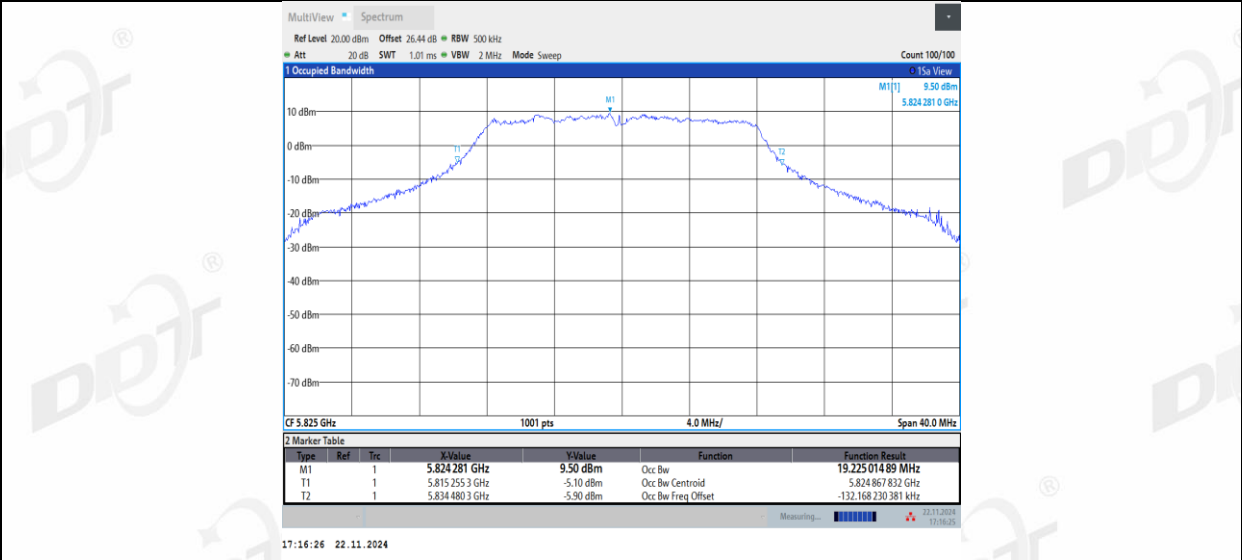
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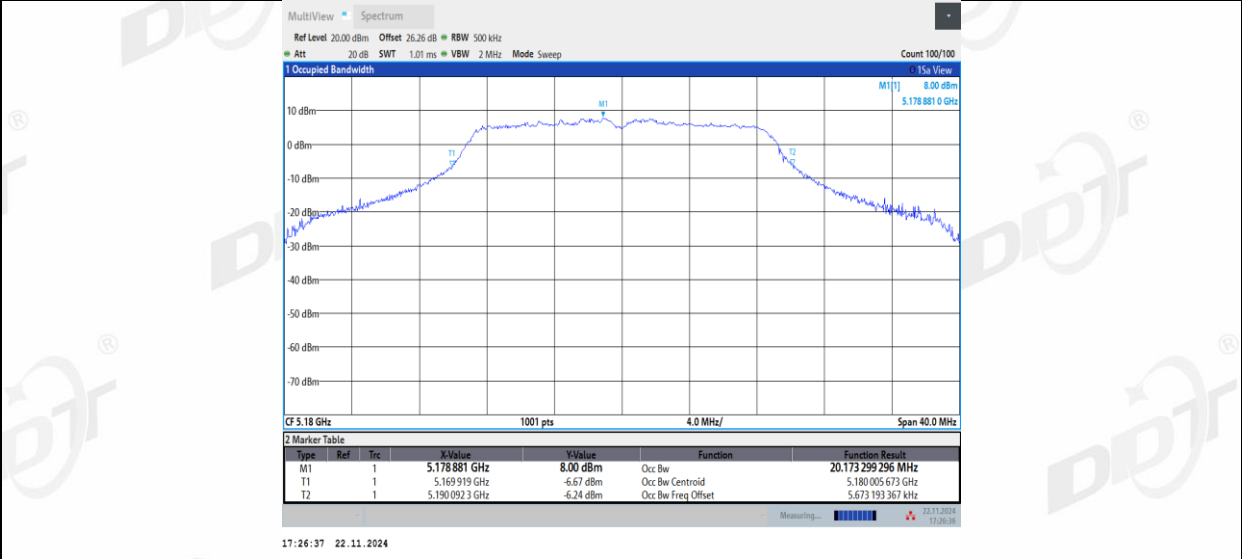
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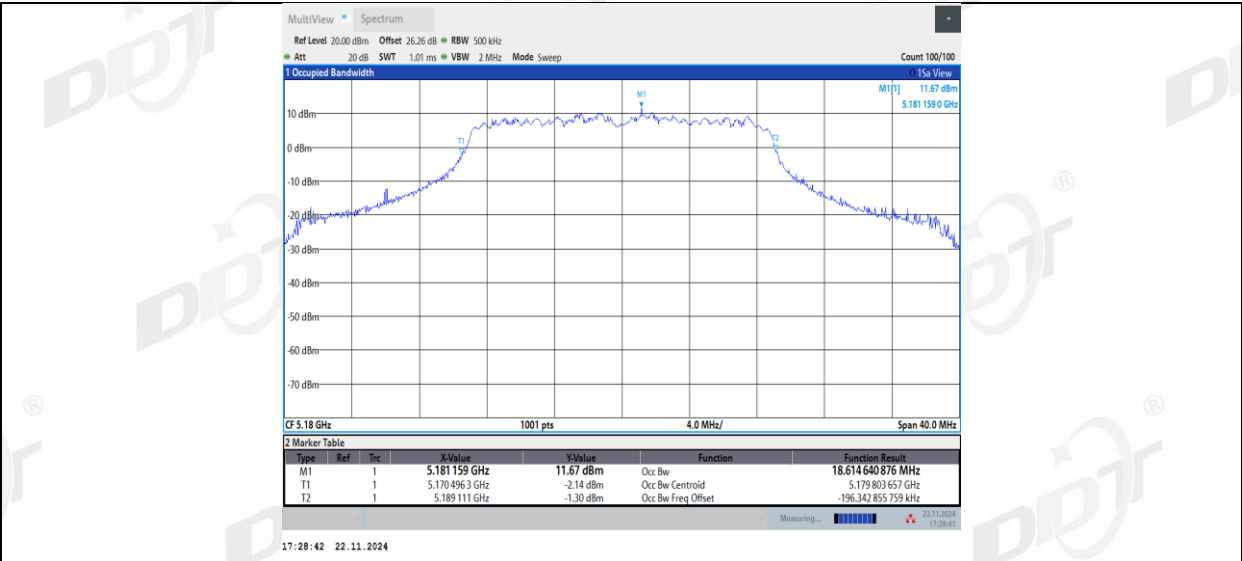
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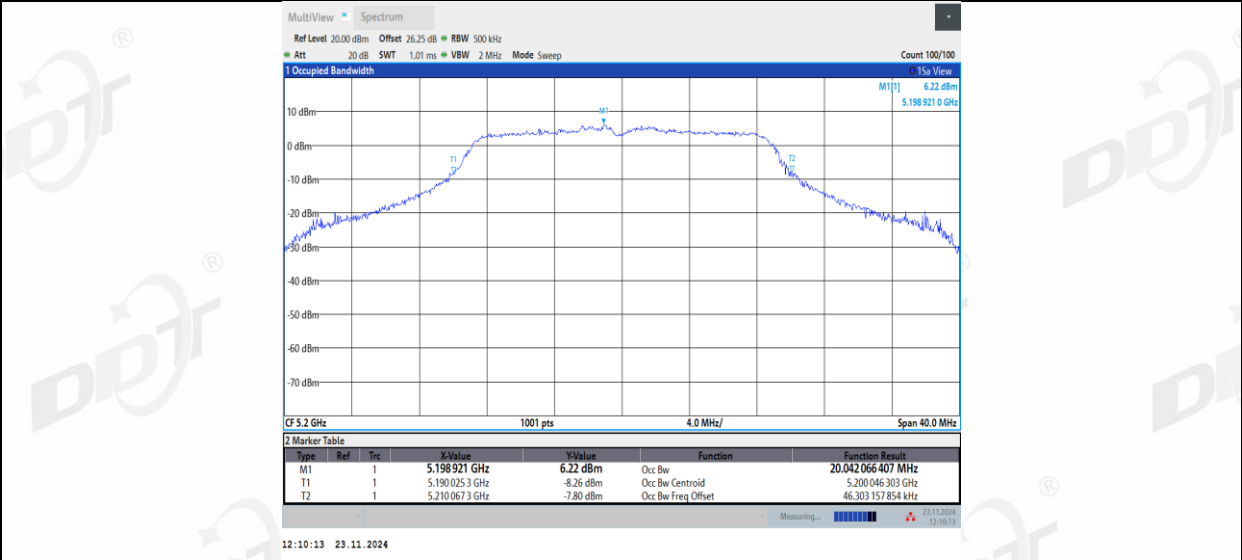
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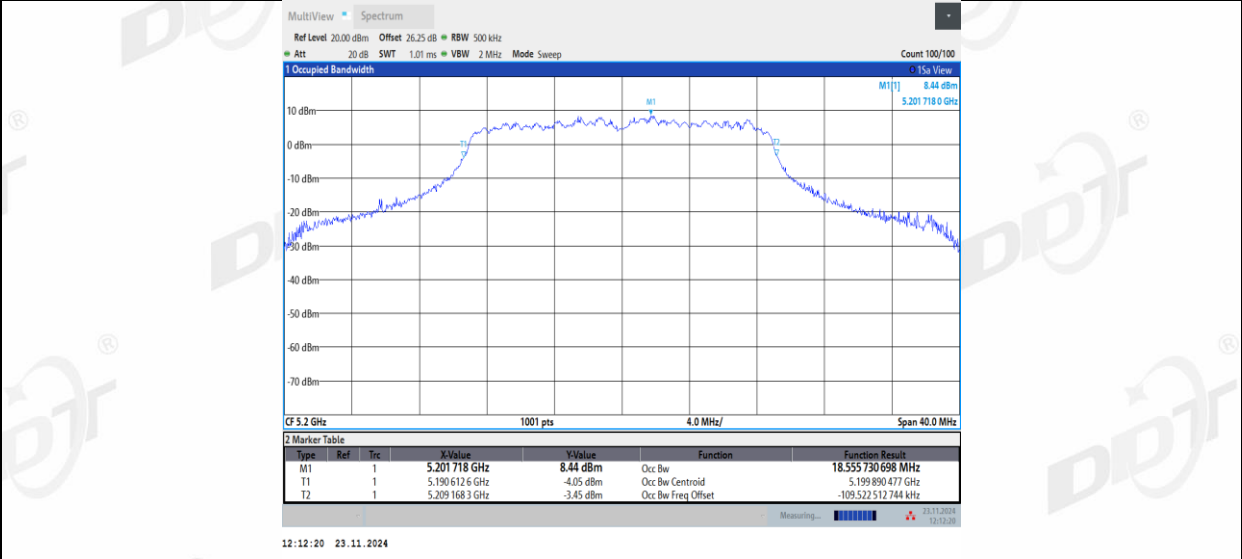
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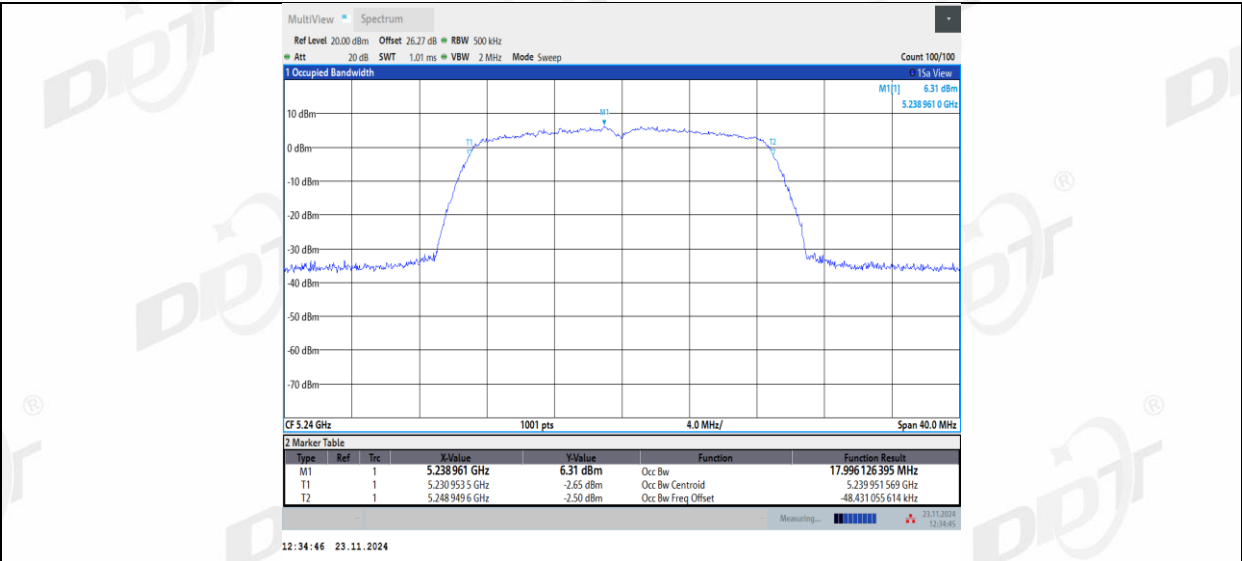
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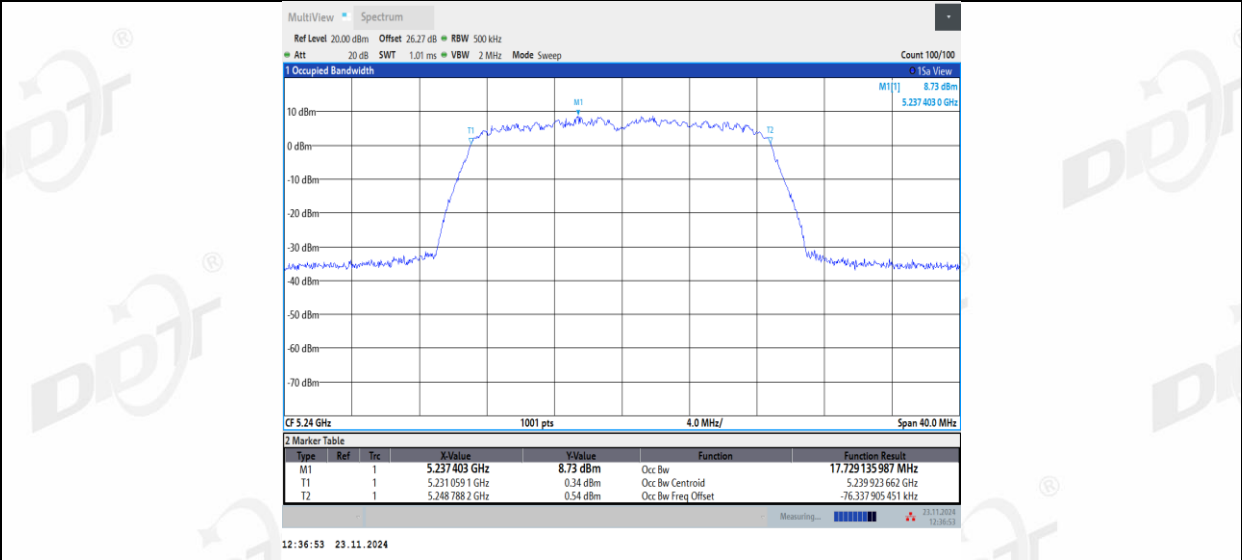
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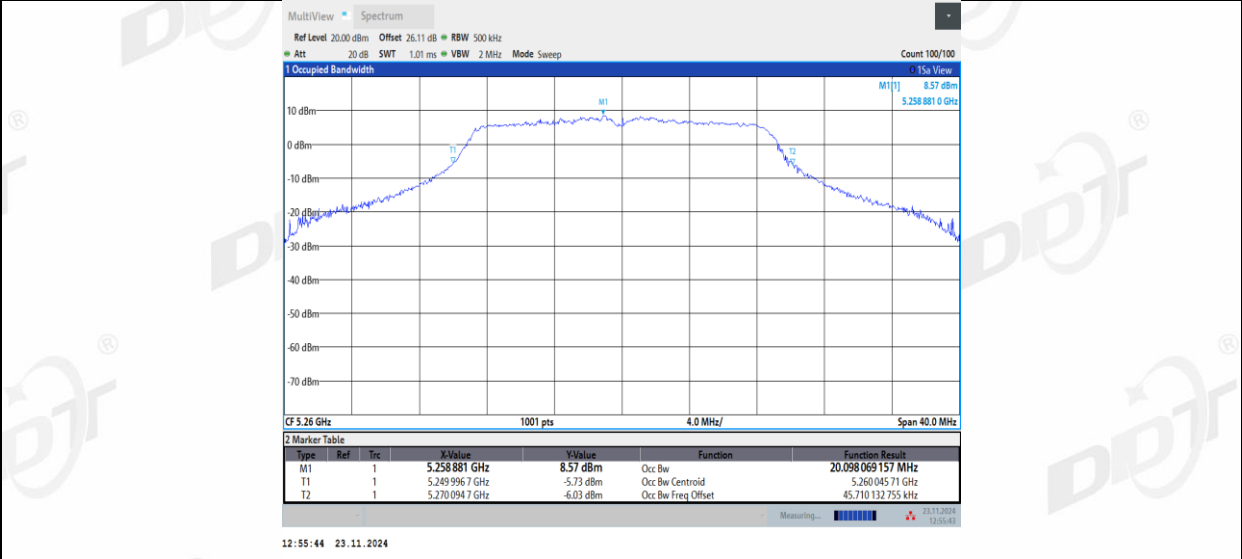
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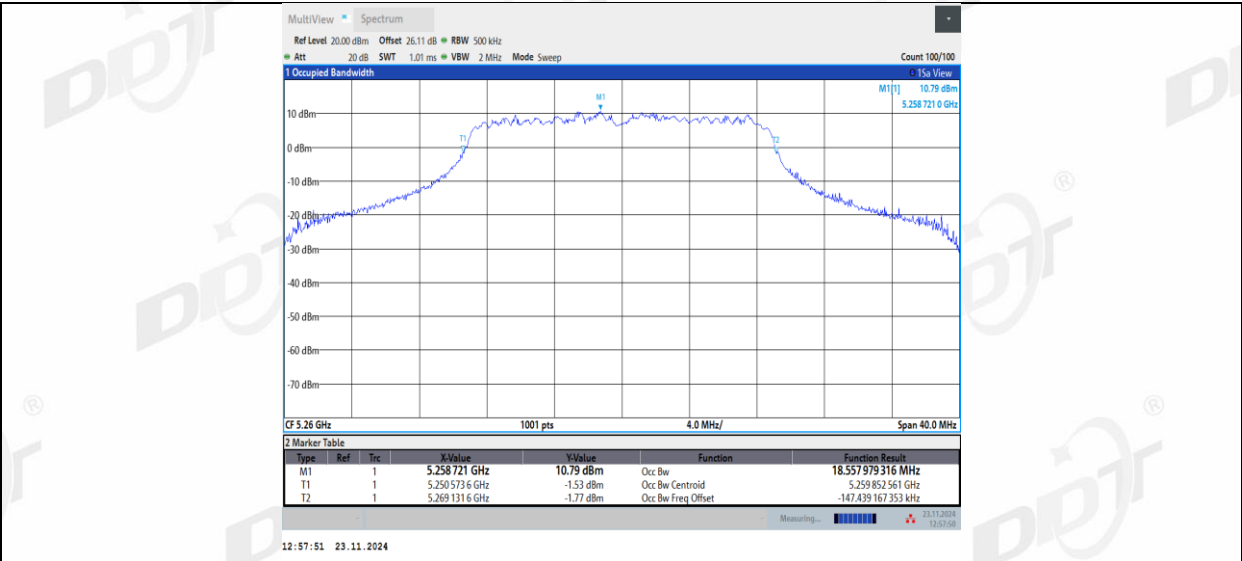
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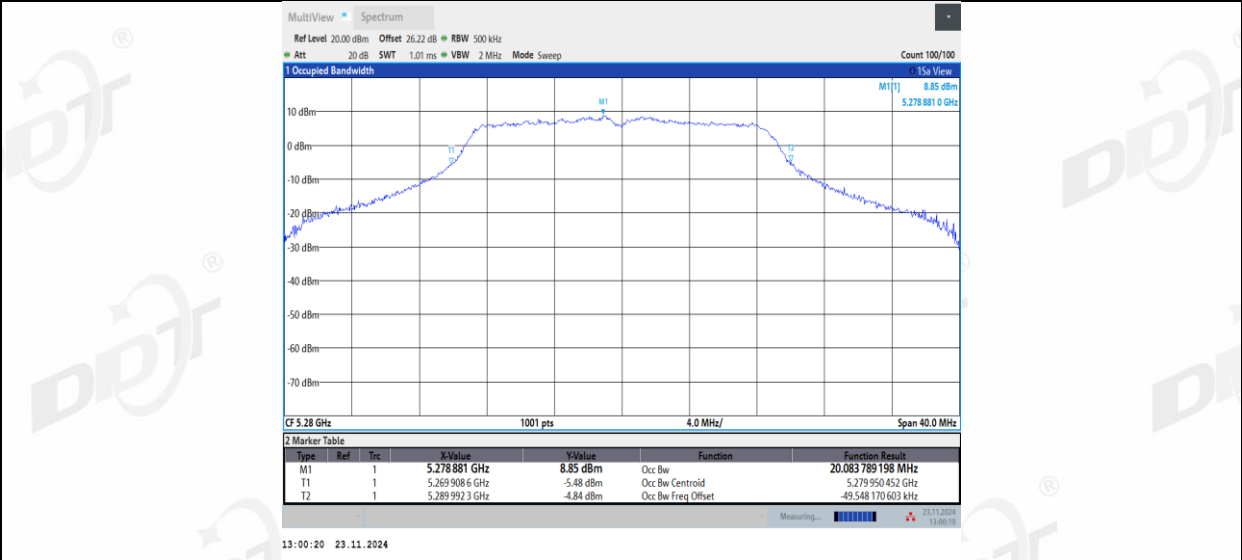
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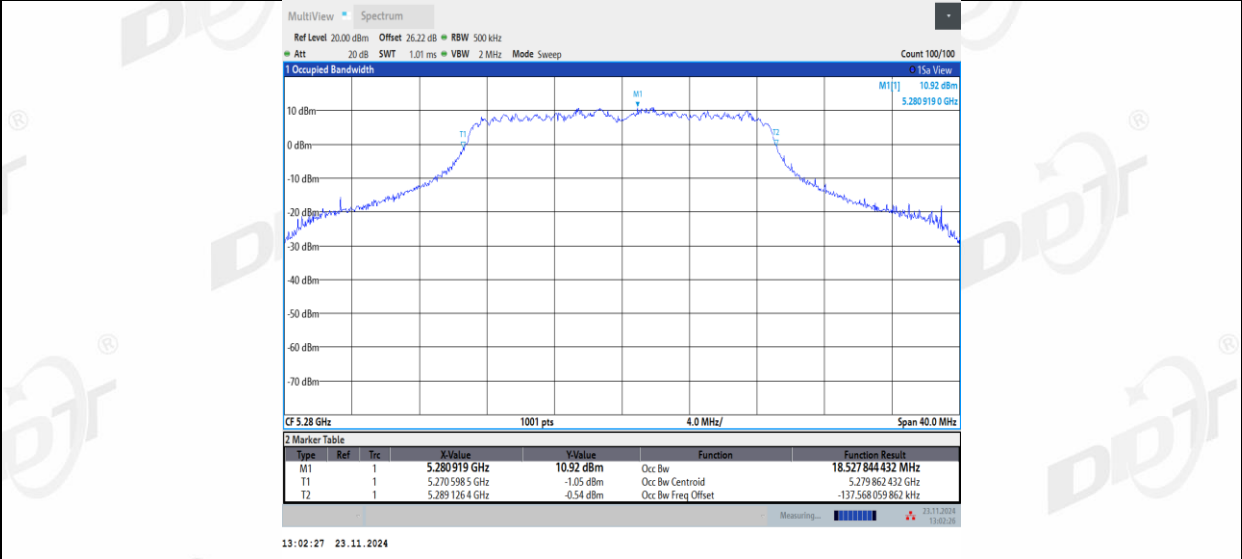
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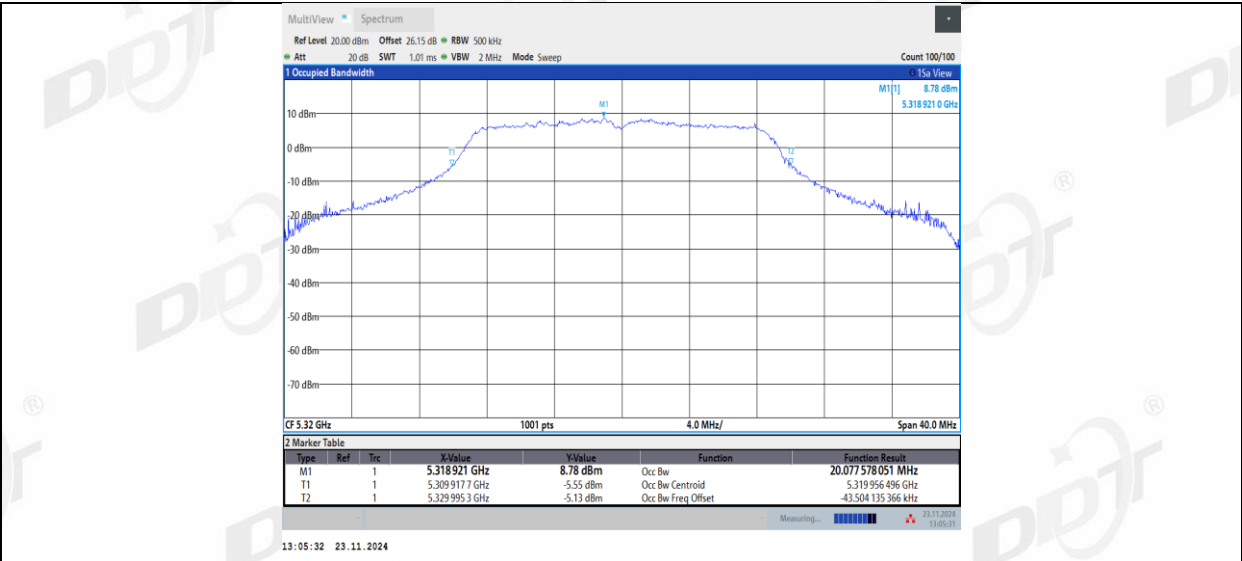
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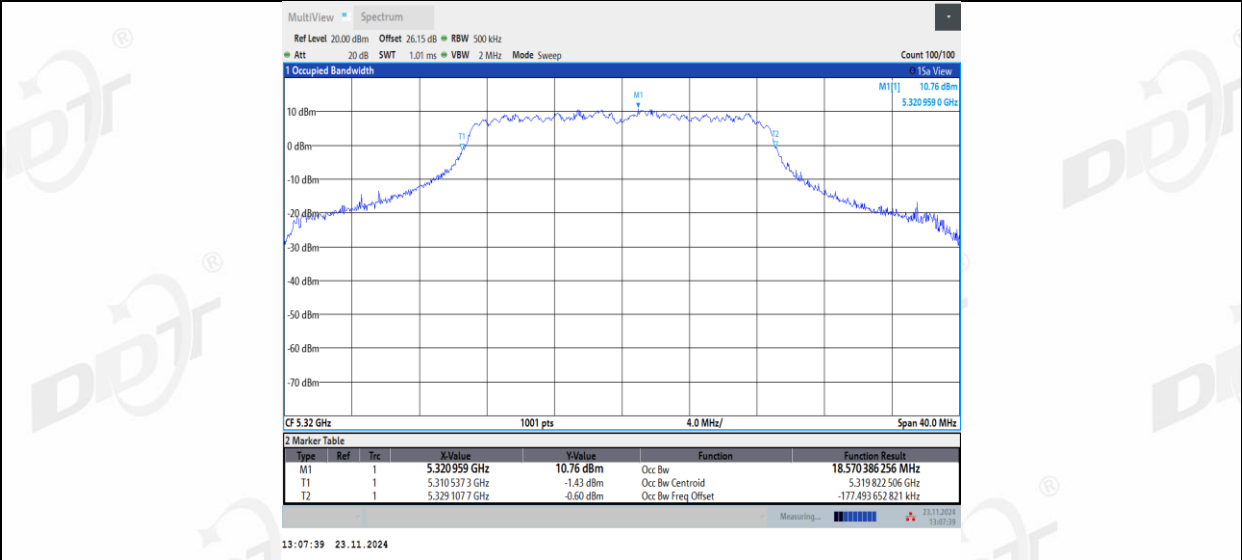
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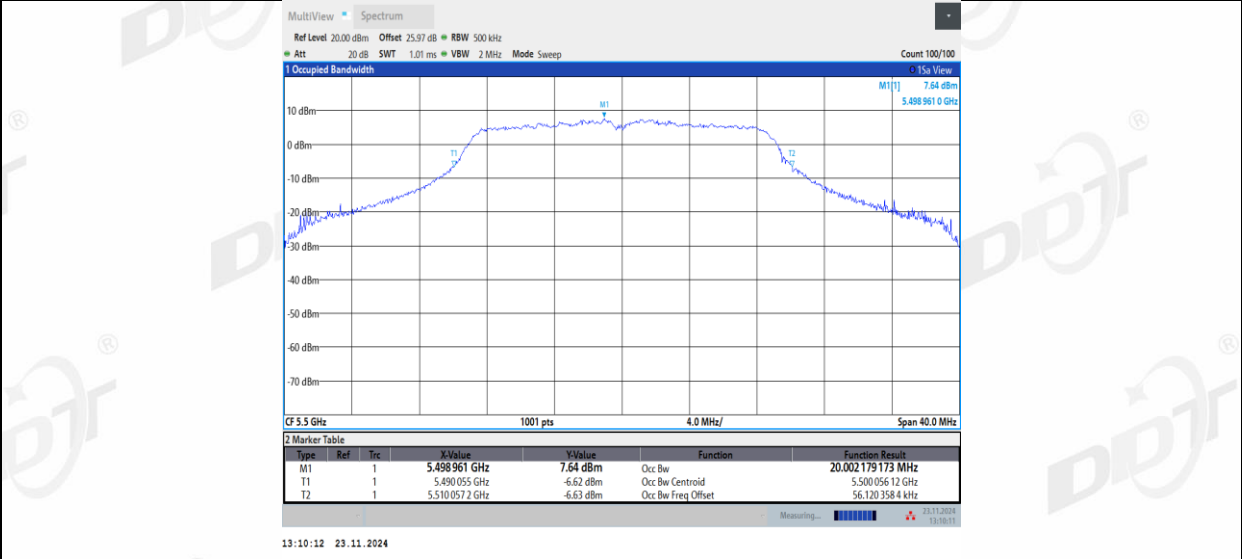
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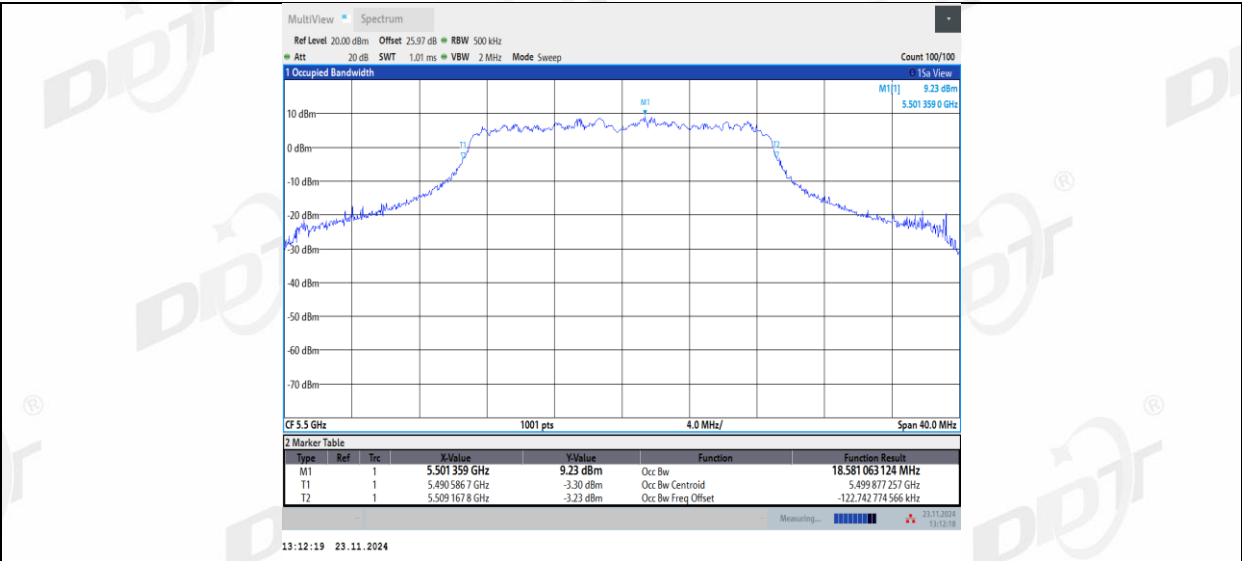
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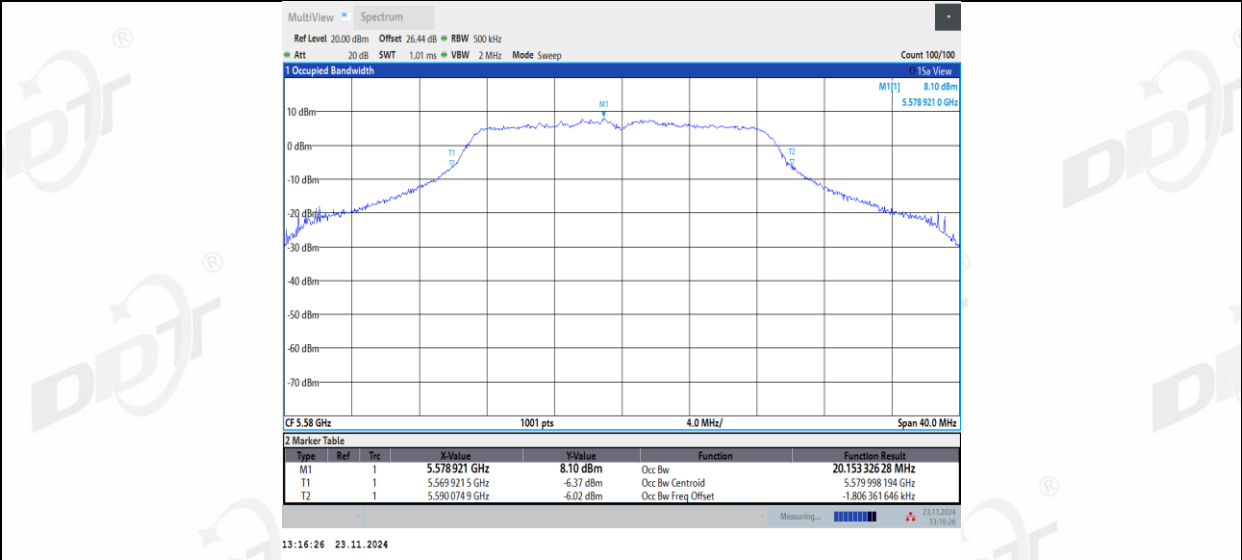
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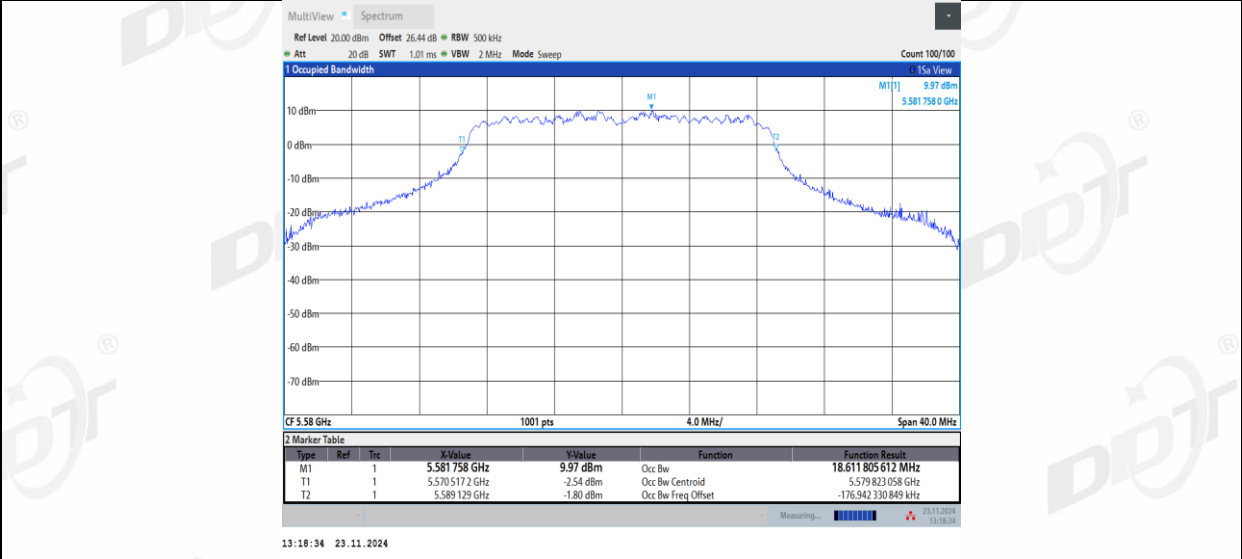
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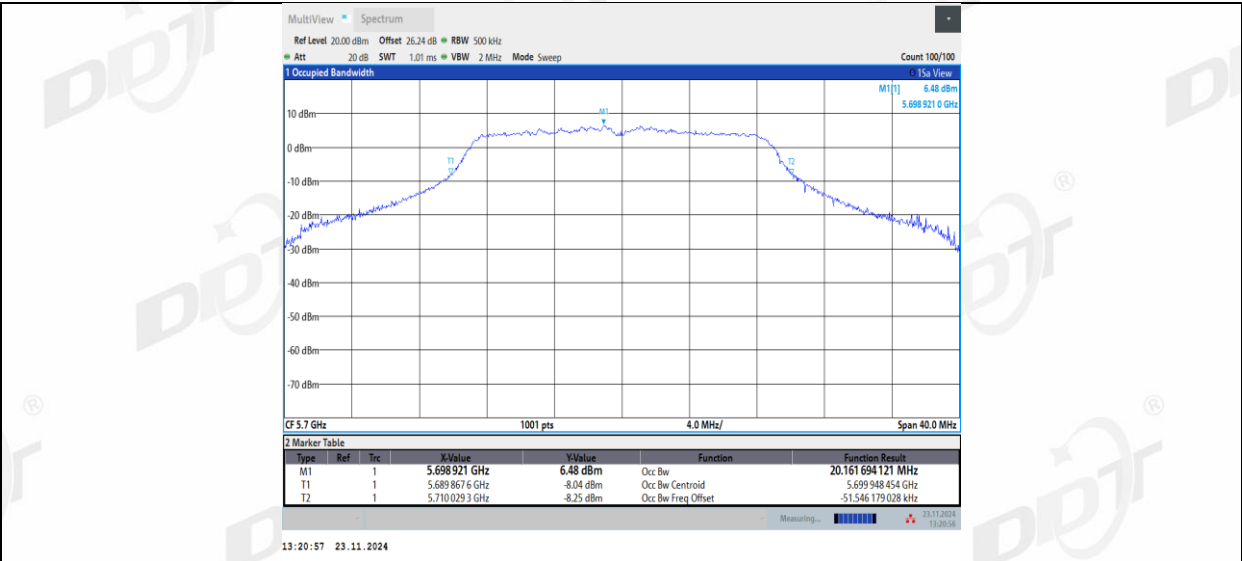
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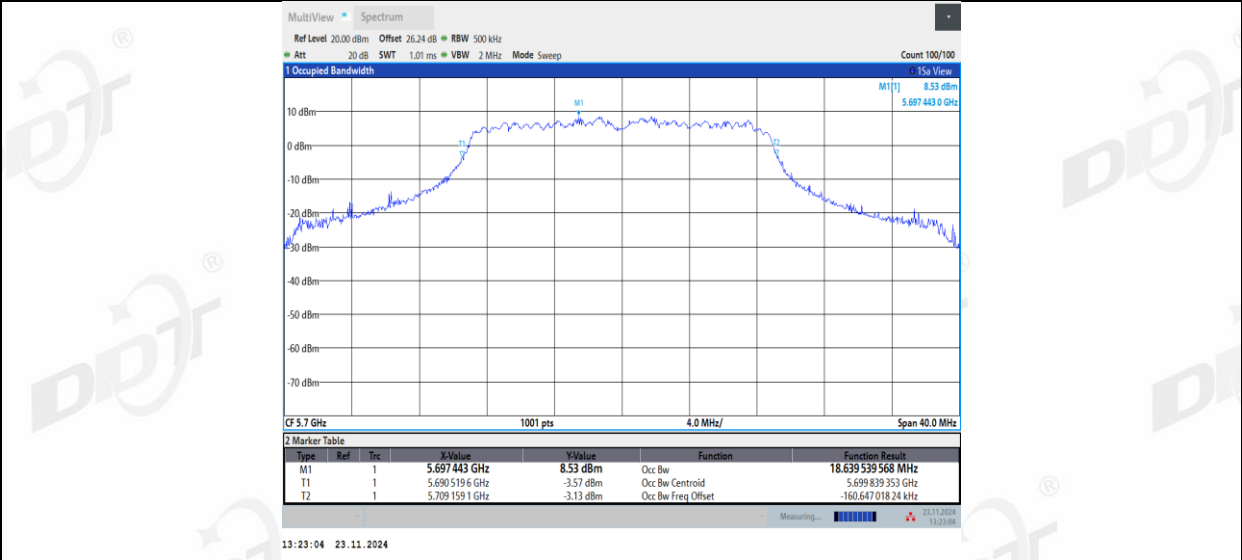
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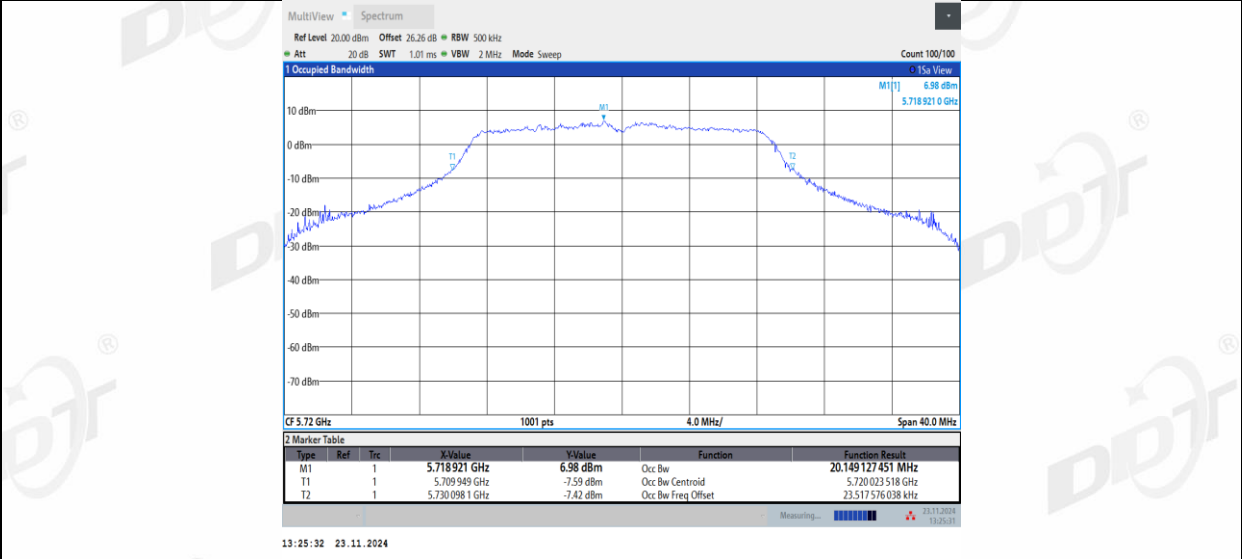
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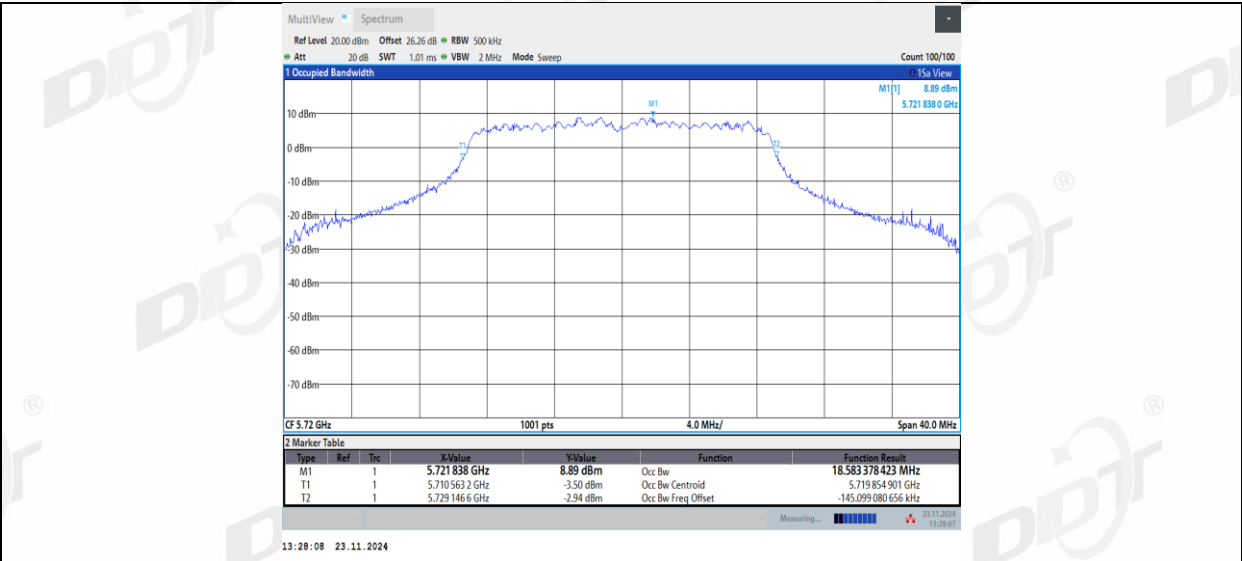
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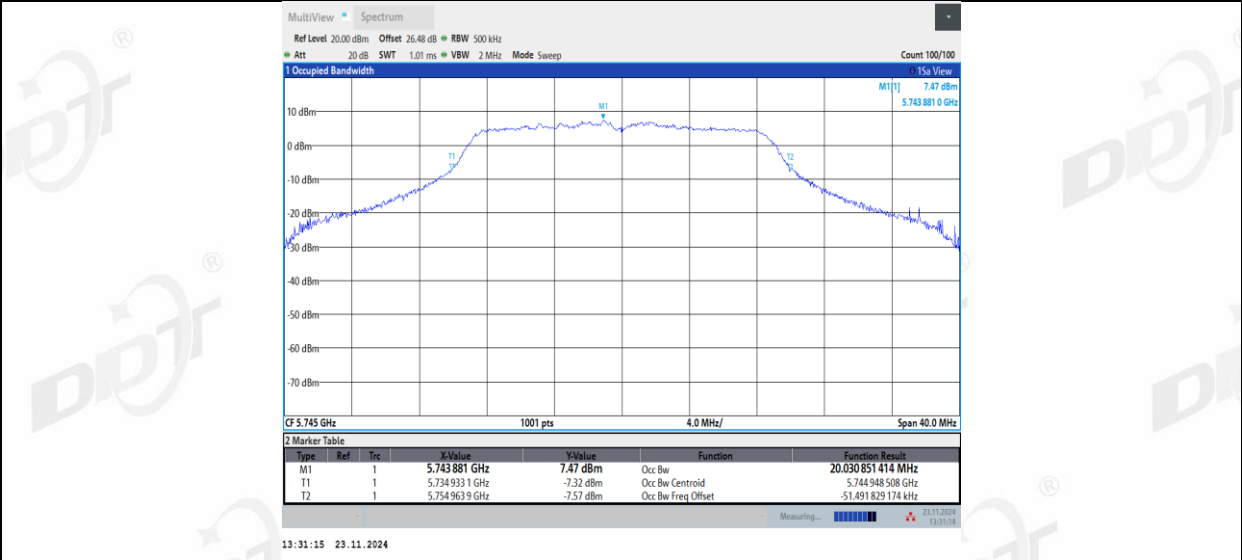
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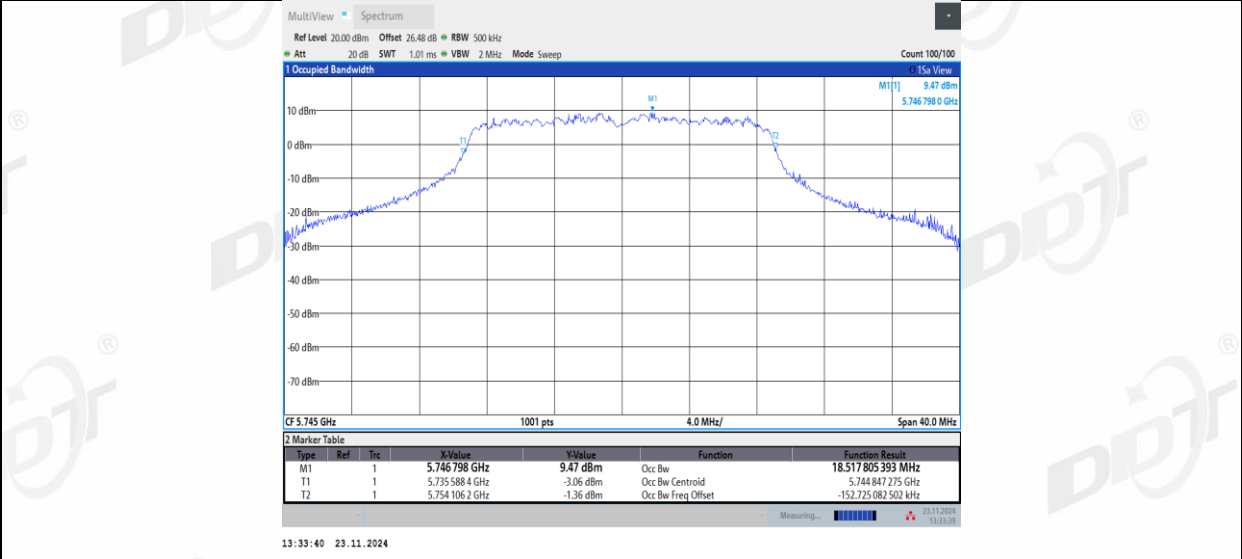
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11N20MIMO_Ant1_5745



11N20MIMO_Ant2_5745



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