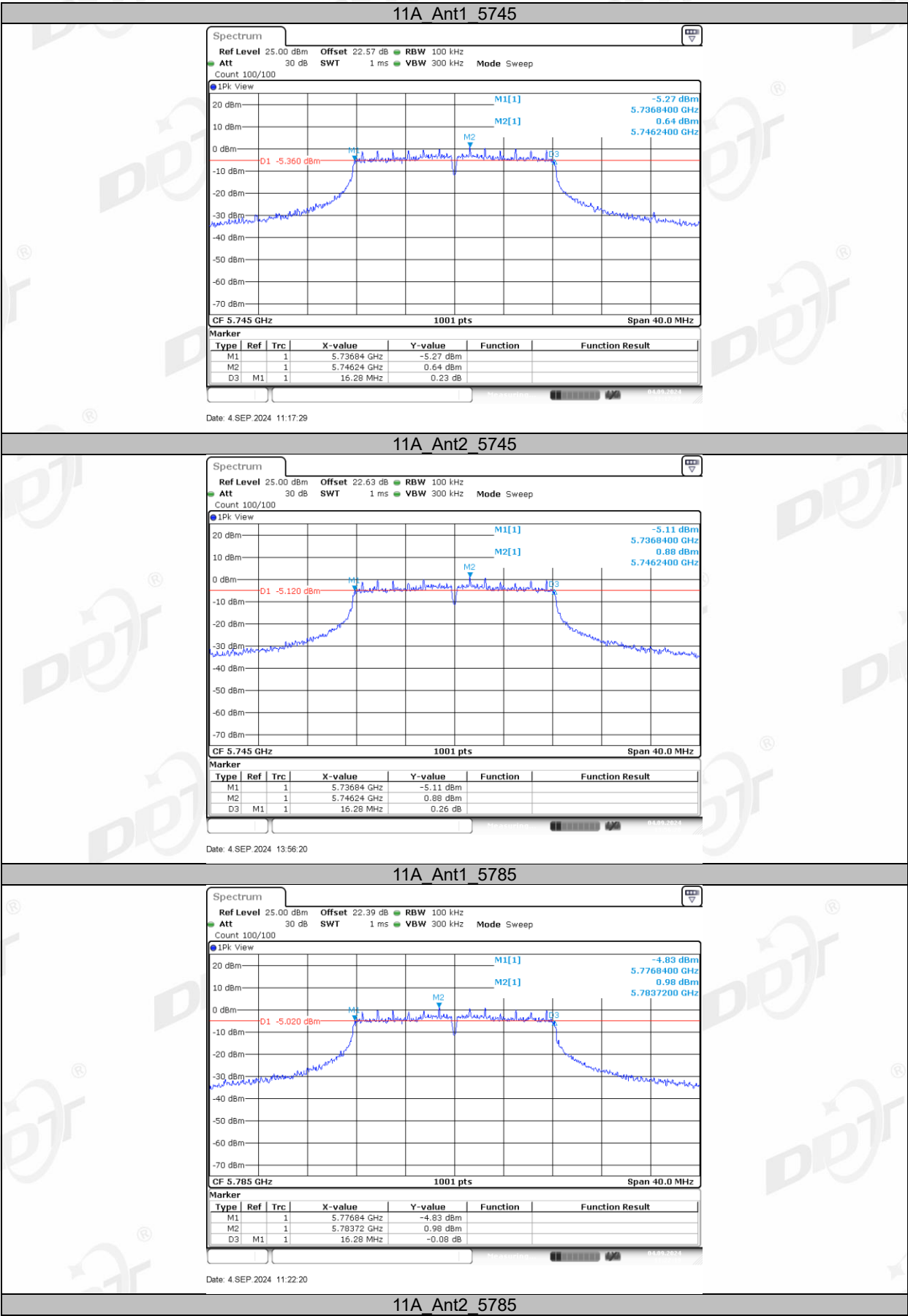
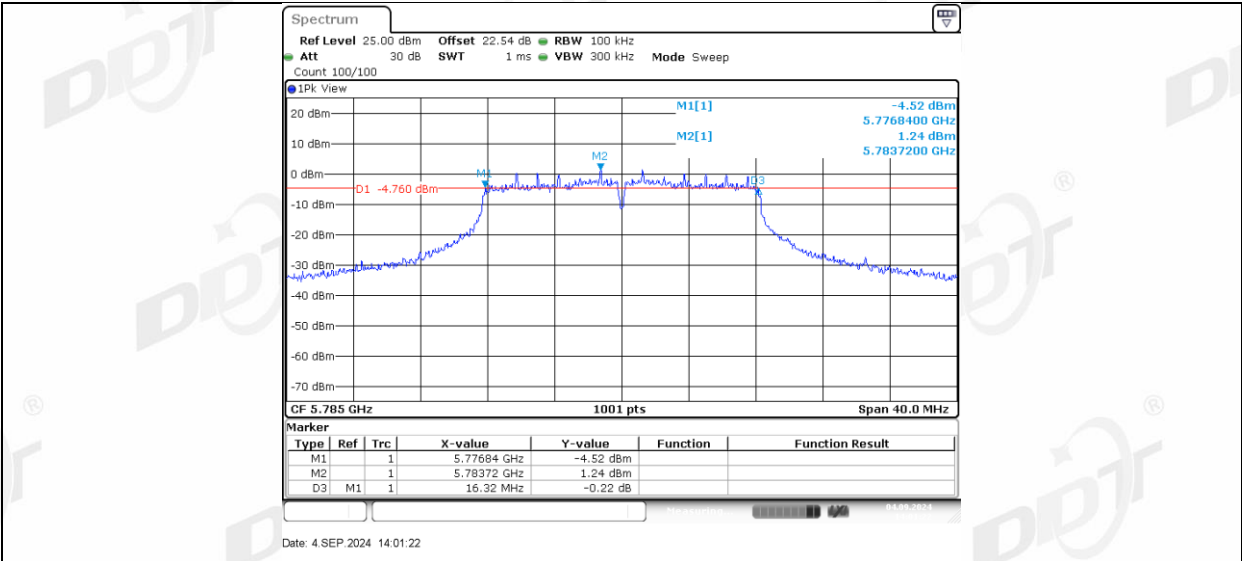
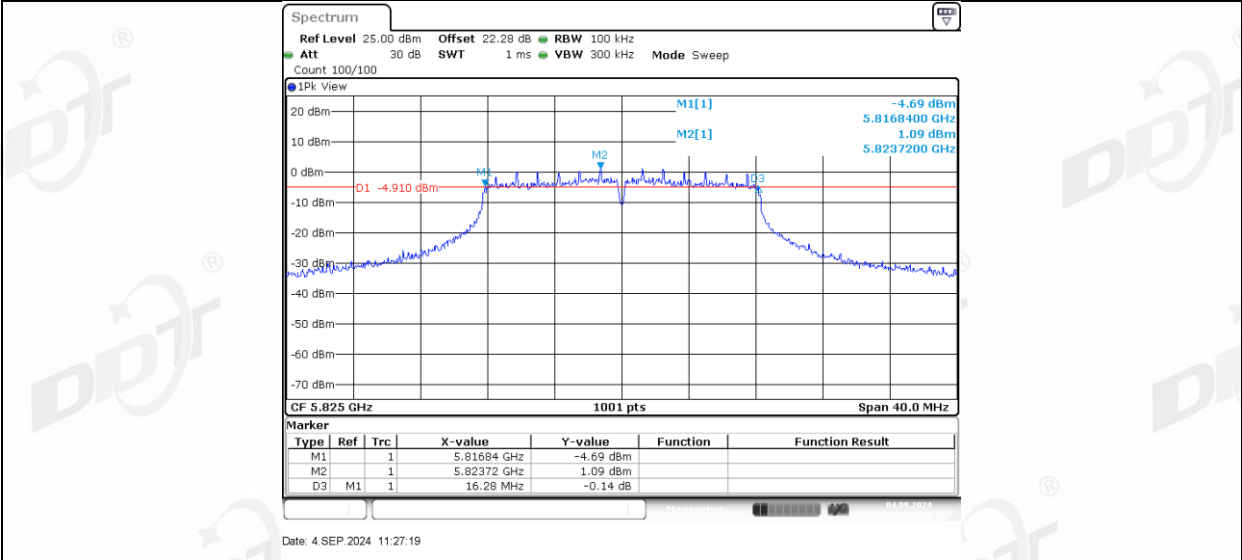


5.5. Test graphs B4

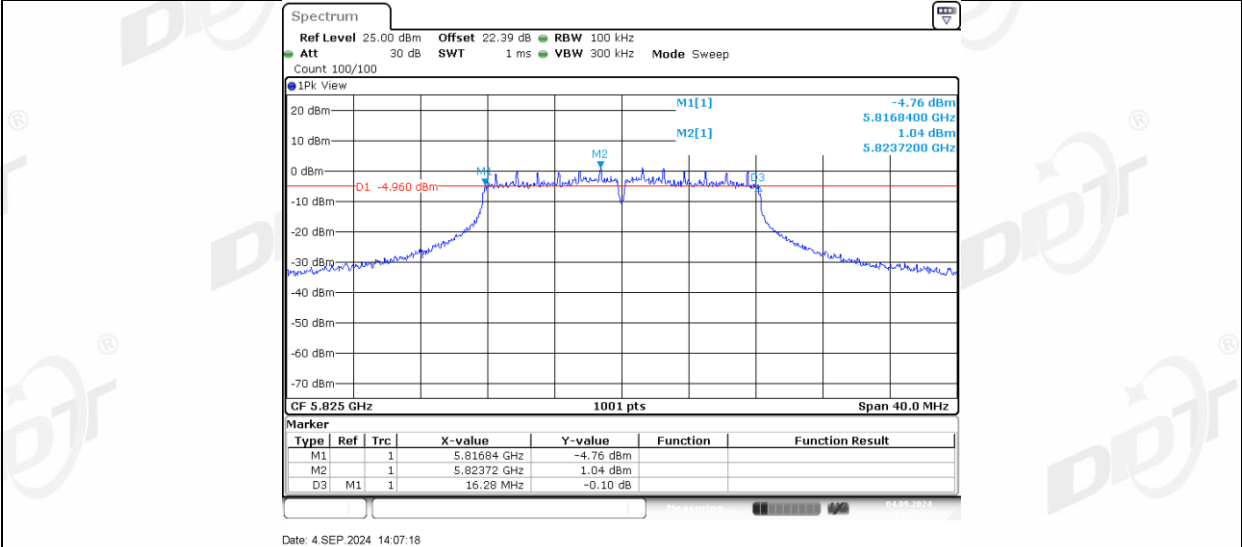




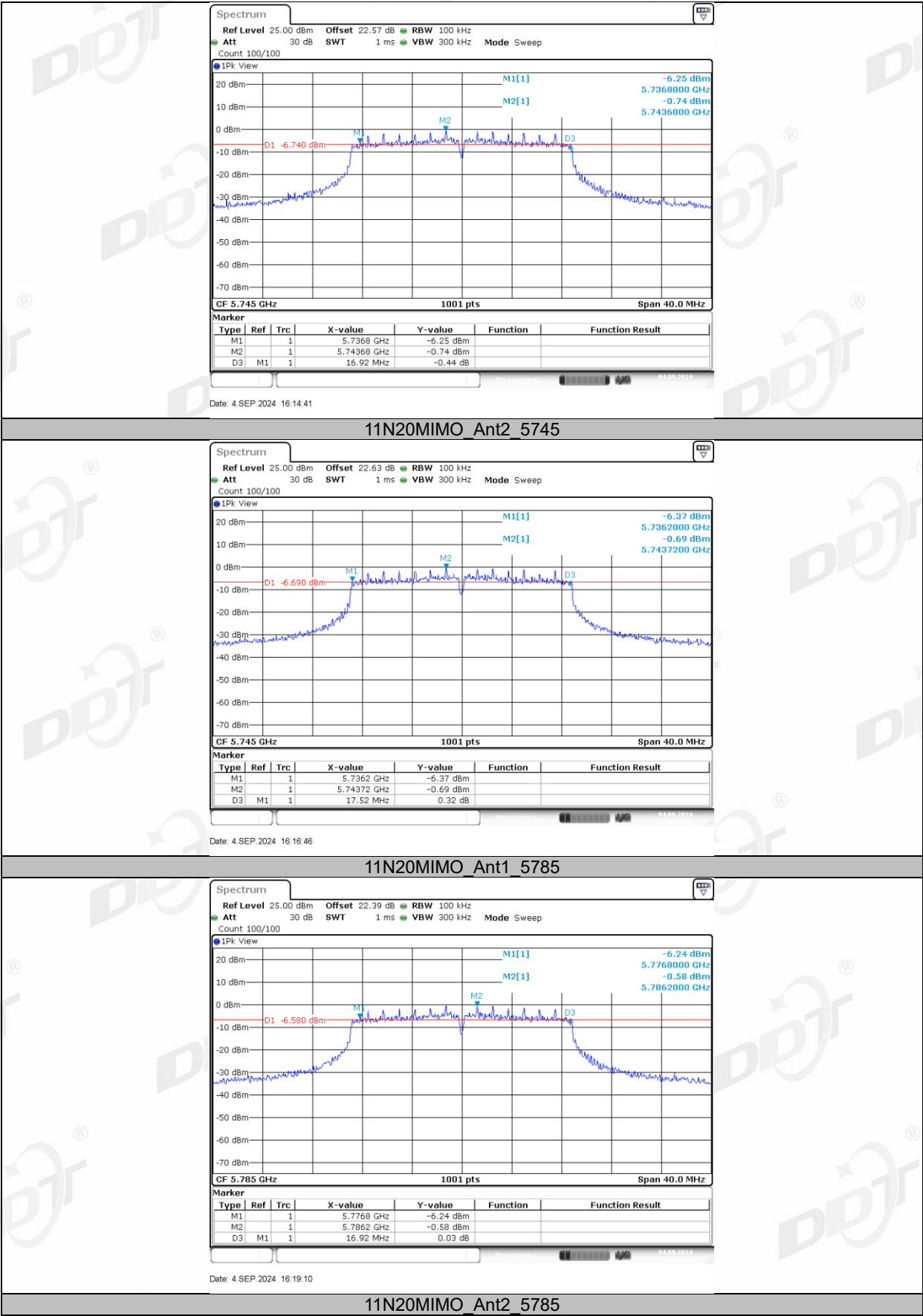
11A_Ant1_5825

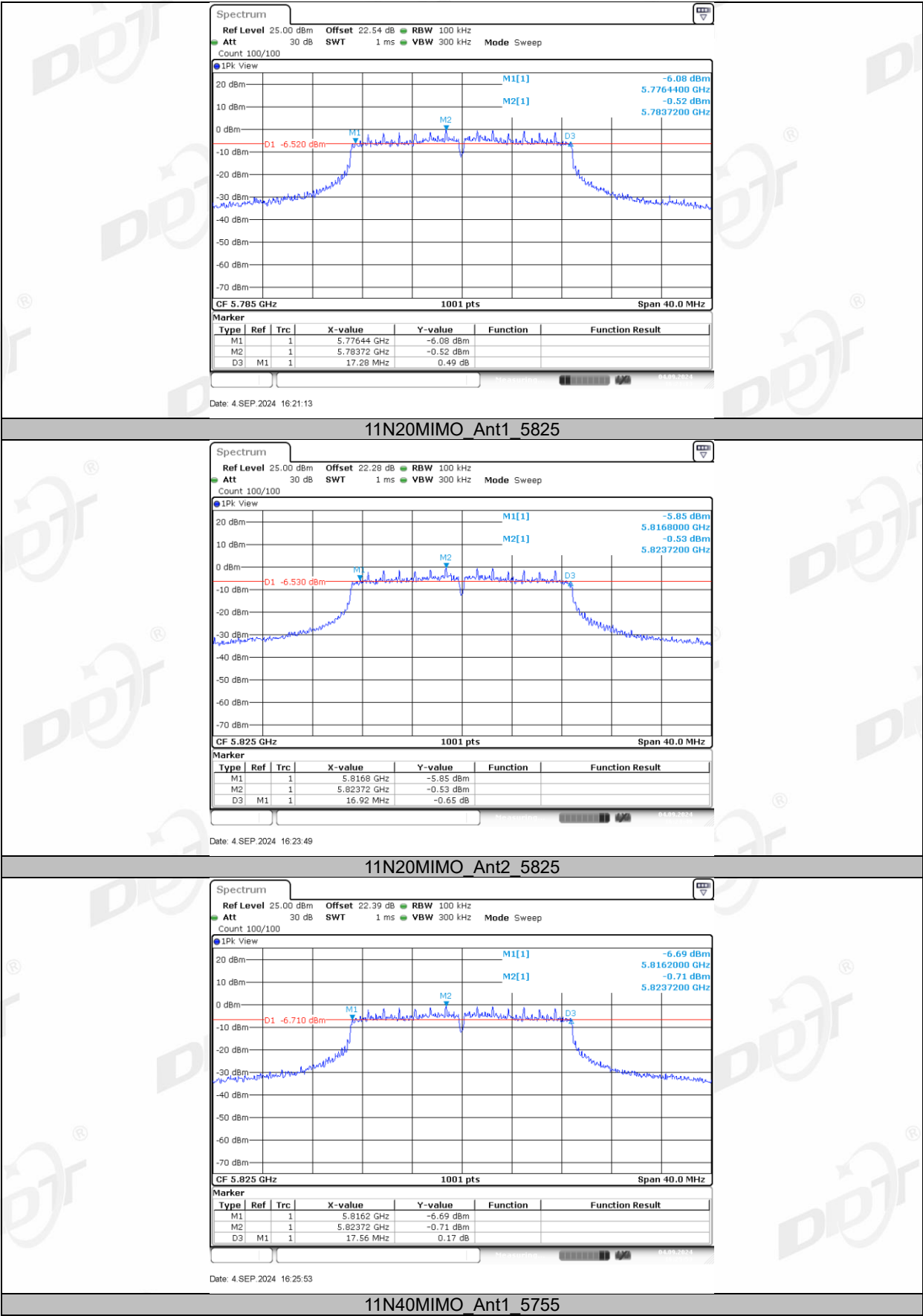


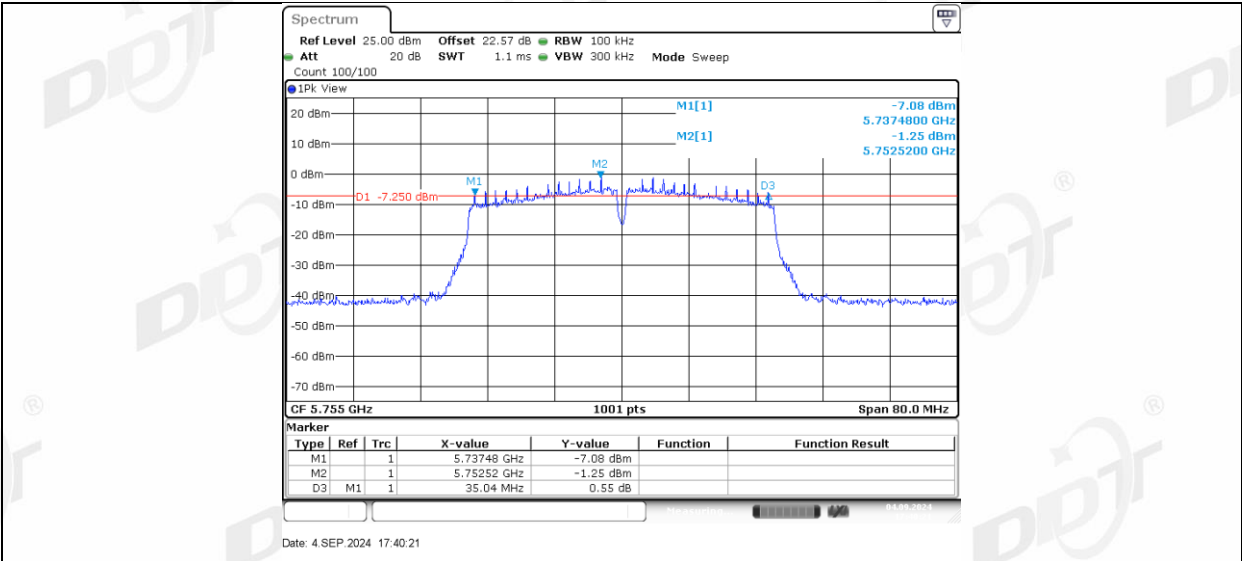
11A_Ant2_5825



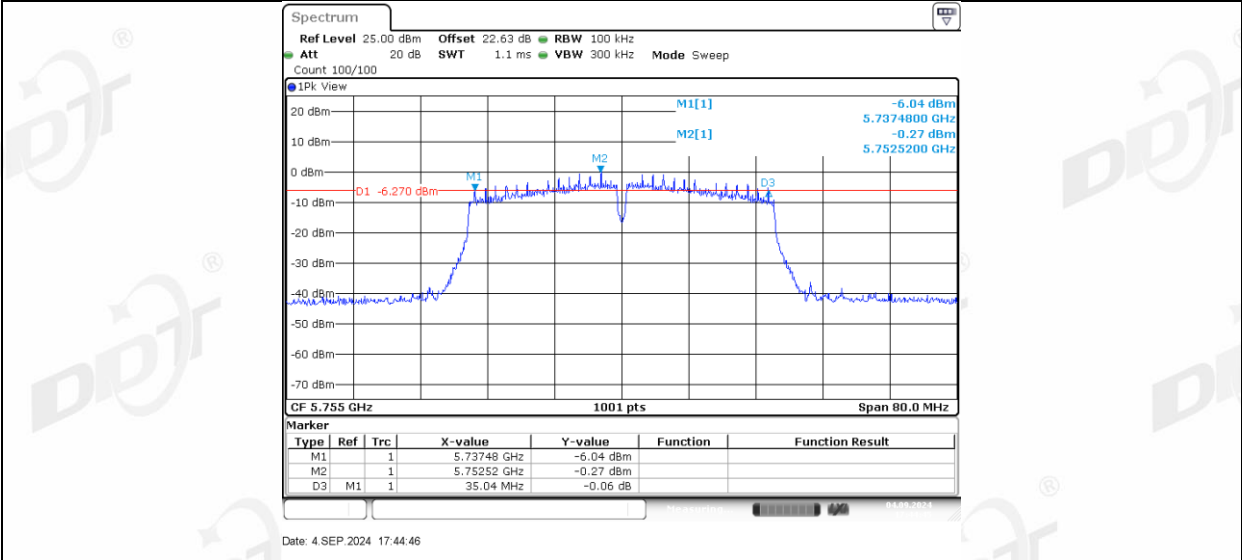
11N20MIMO_Ant1_5745



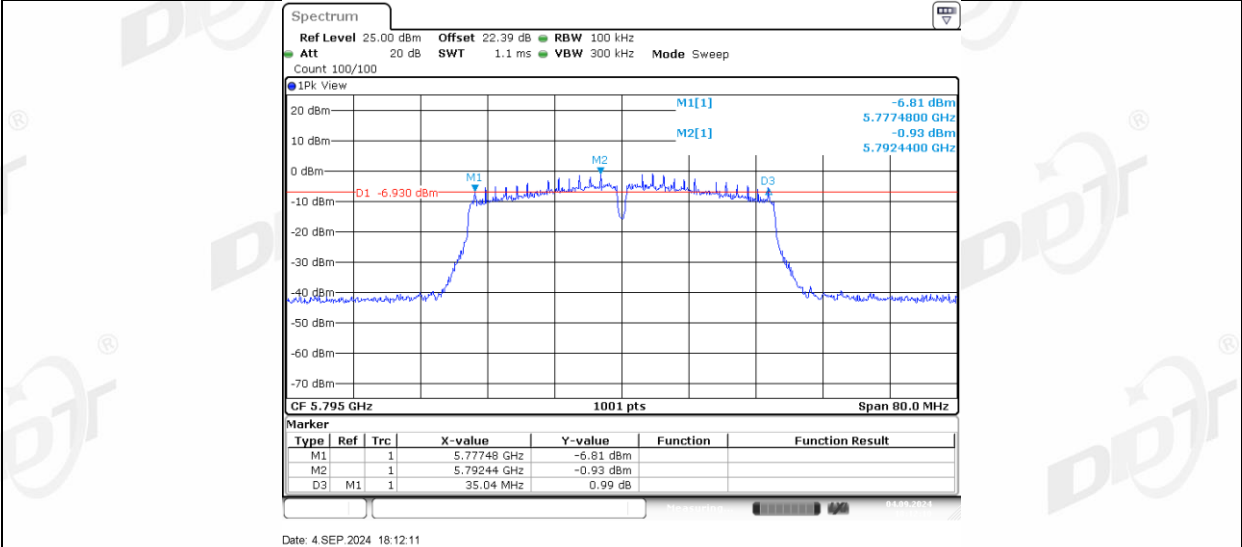




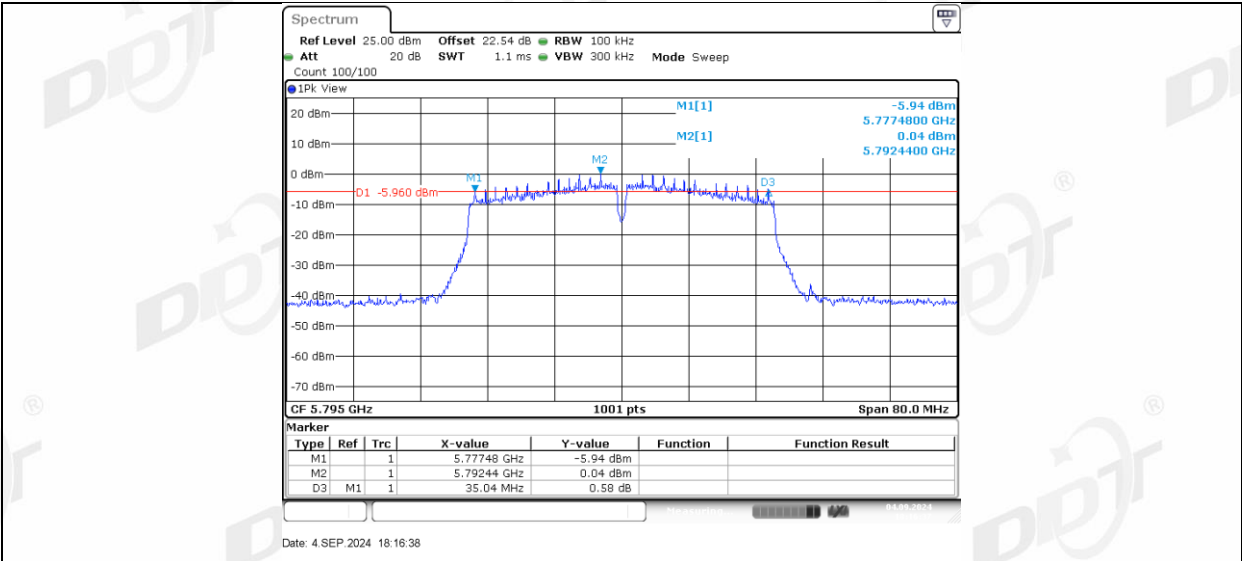
11N40MIMO_Ant2_5755



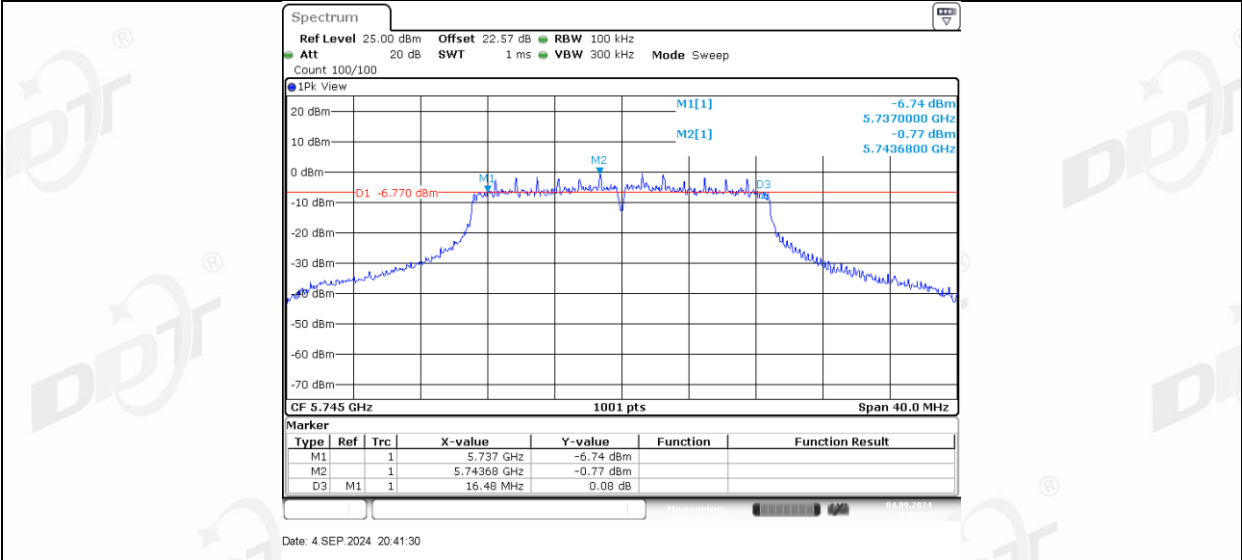
11N40MIMO_Ant1_5795



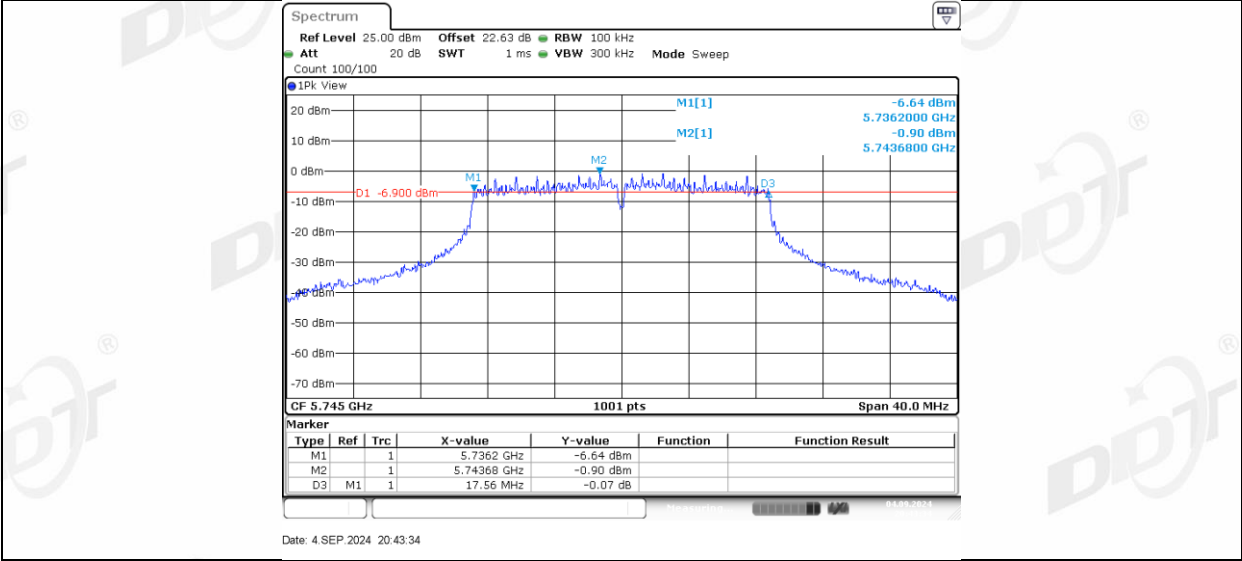
11N40MIMO_Ant2_5795



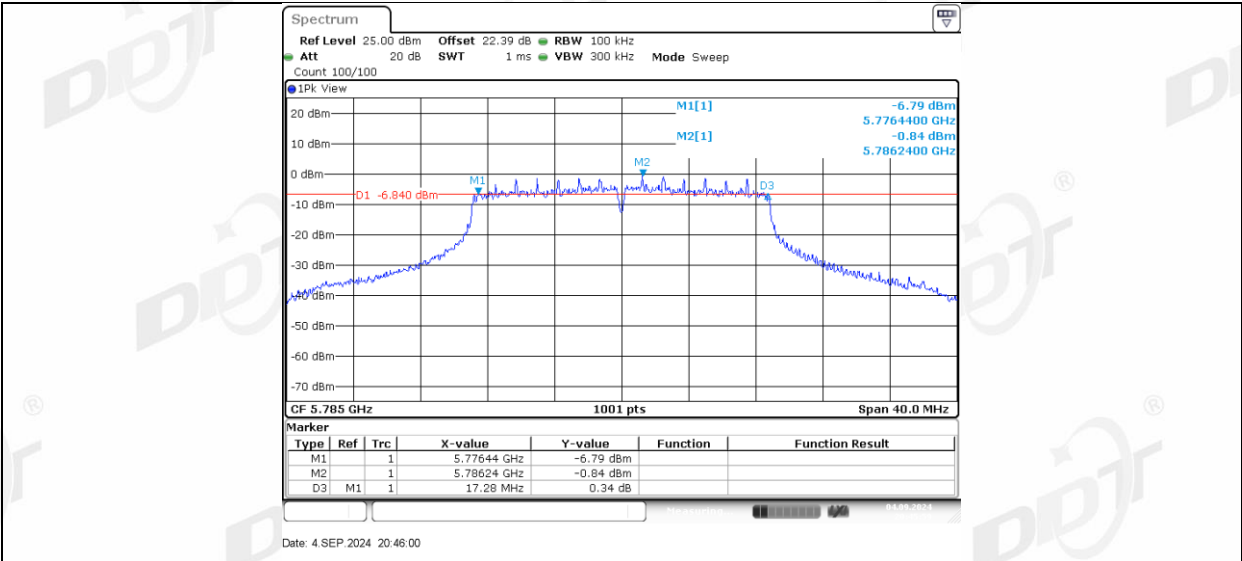
11AC20MIMO_Ant1_5745



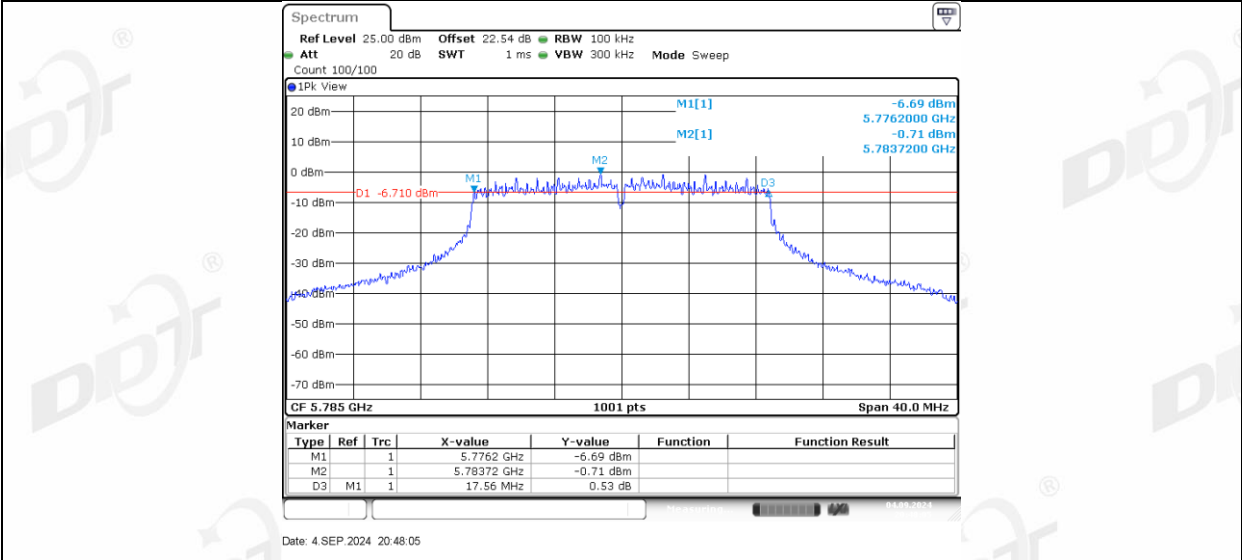
11AC20MIMO_Ant2_5745



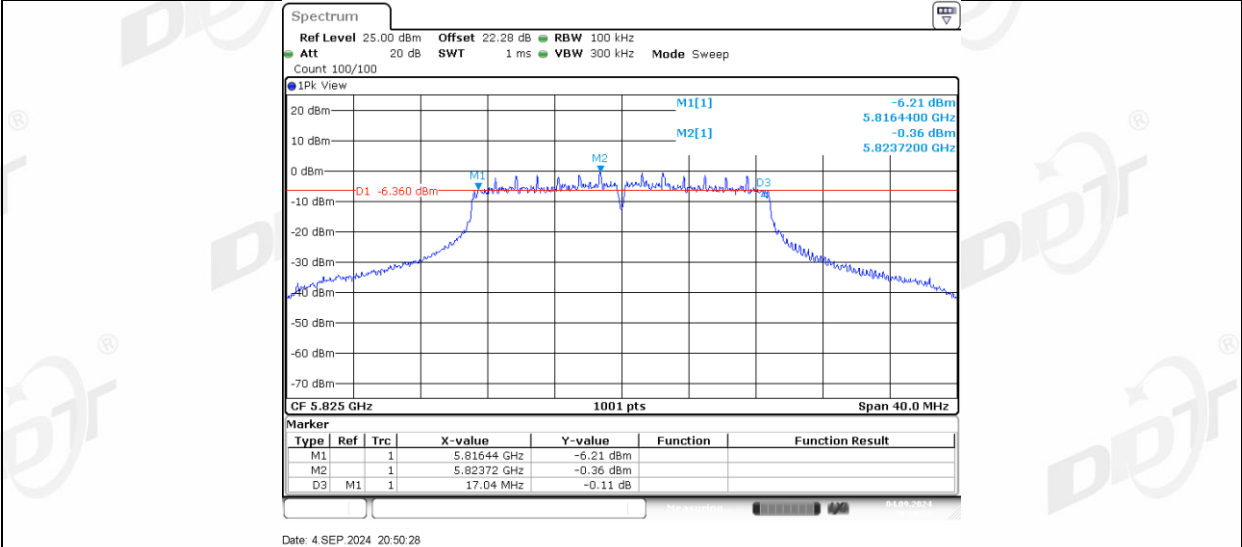
11AC20MIMO_Ant1_5785



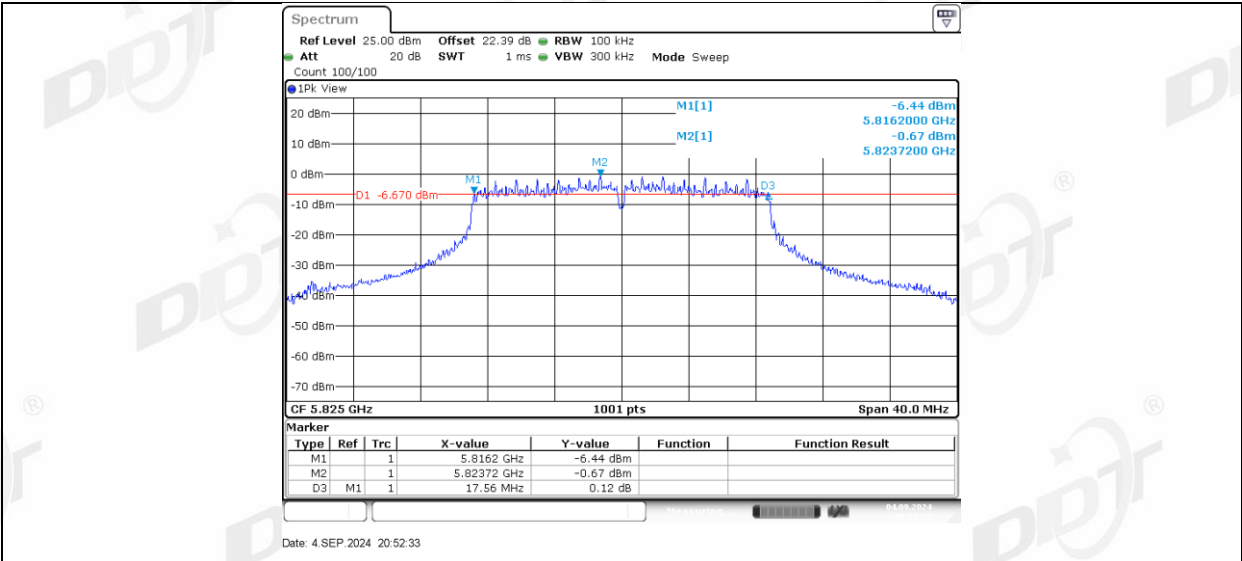
11AC20MIMO_Ant2_5785



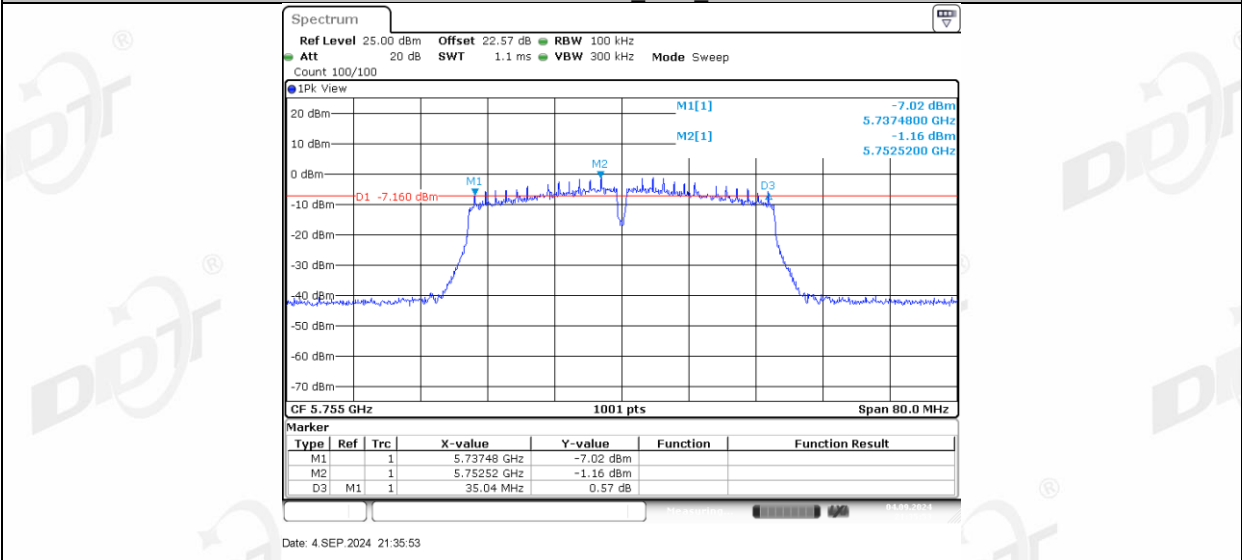
11AC20MIMO_Ant1_5825



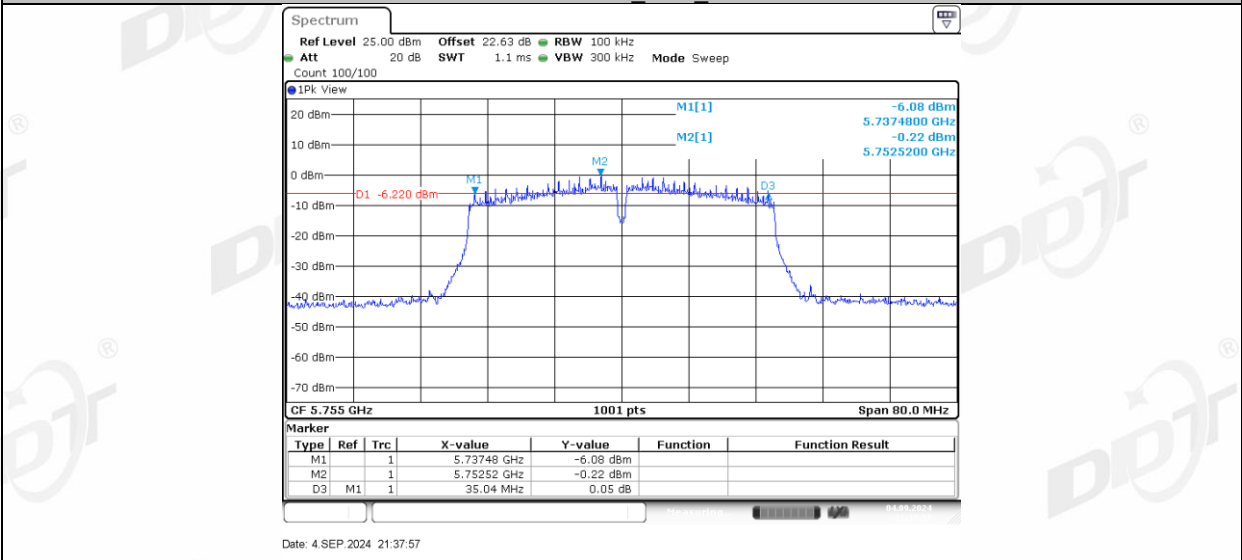
11AC20MIMO_Ant2_5825



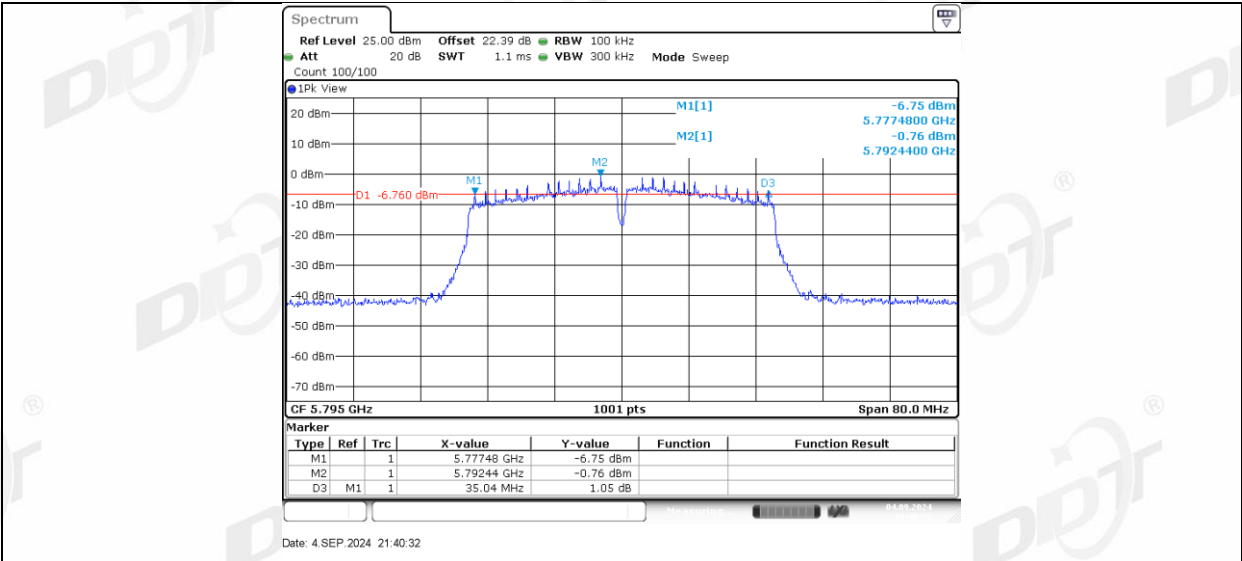
11AC40MIMO_Ant1_5755



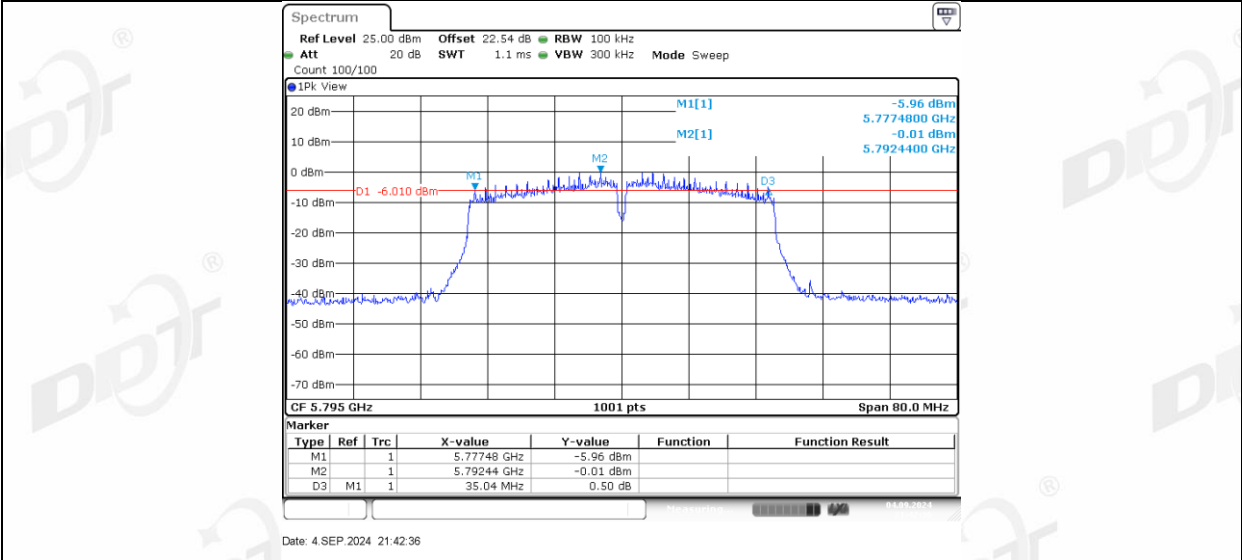
11AC40MIMO_Ant2_5755



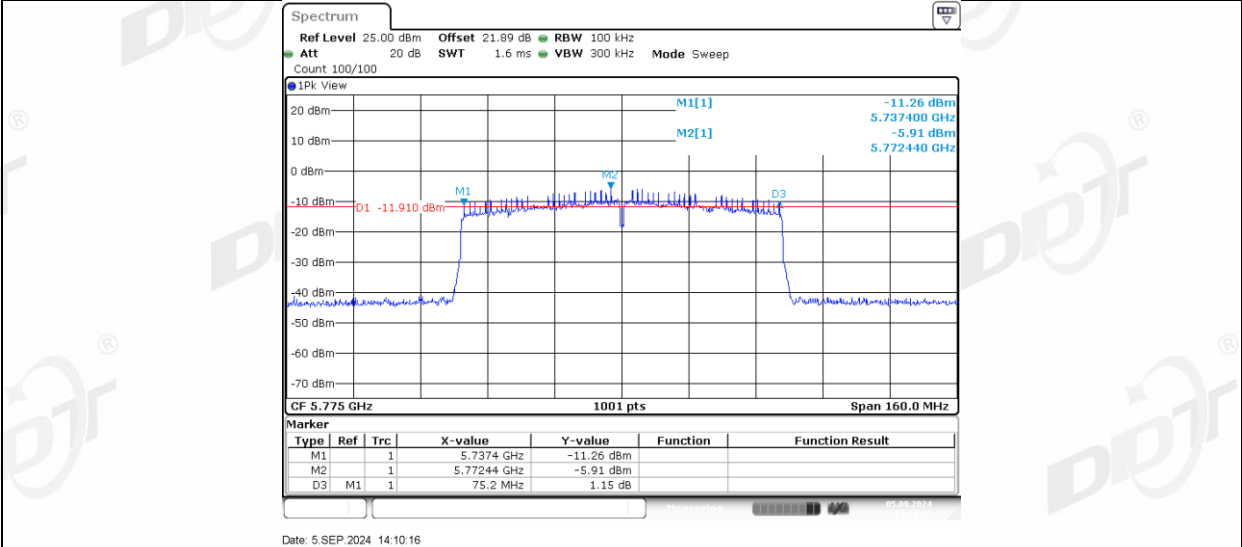
11AC40MIMO_Ant1_5795



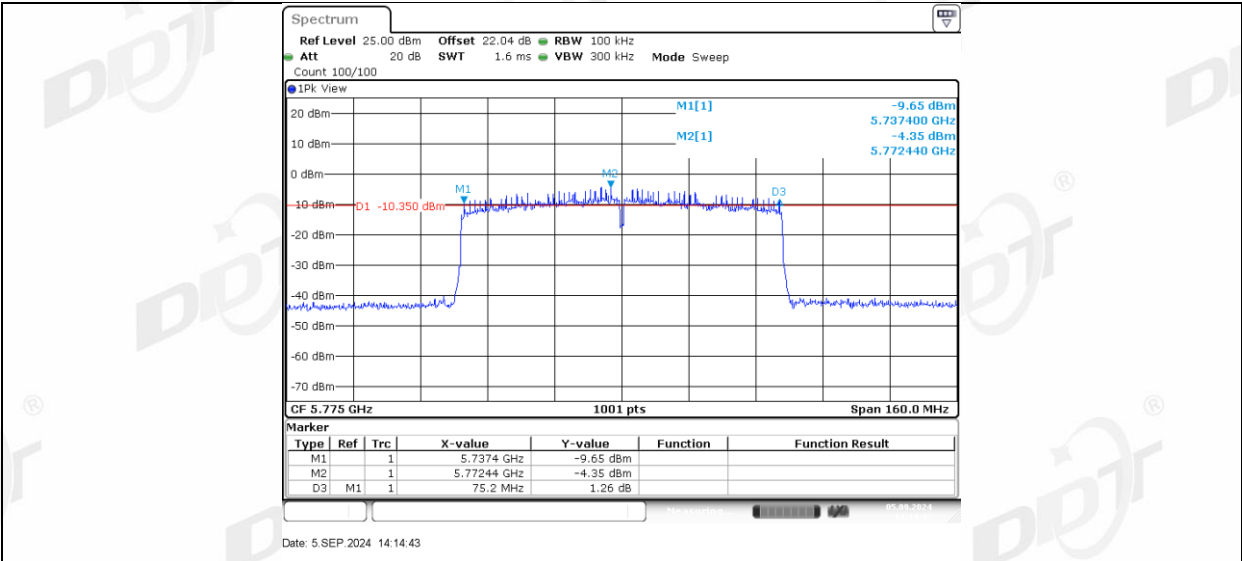
11AC40MIMO_Ant2_5795



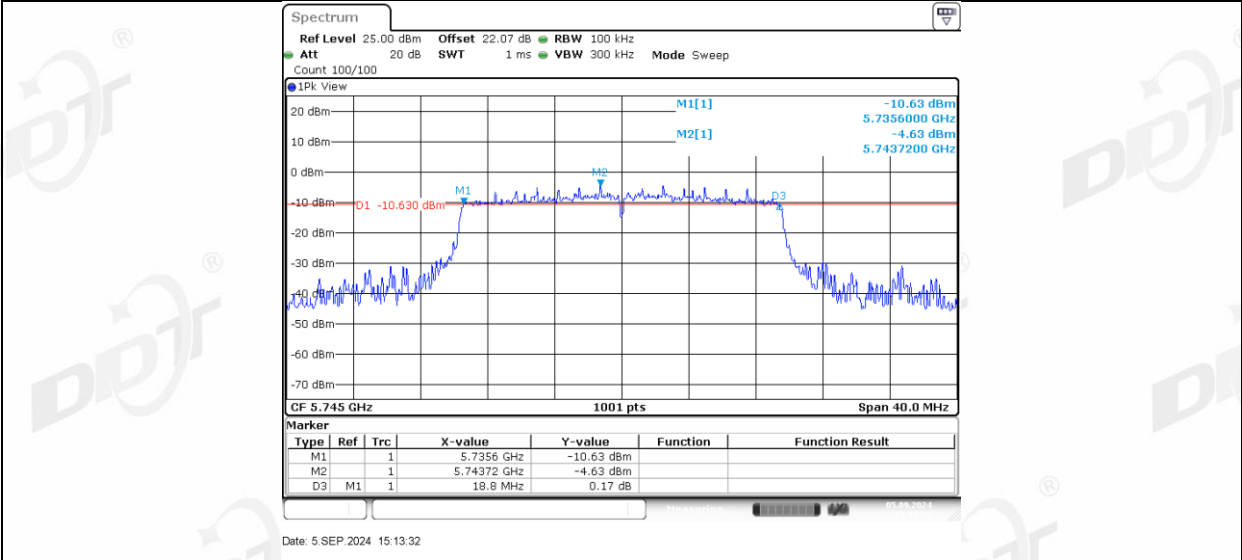
11AC80MIMO_Ant1_5775



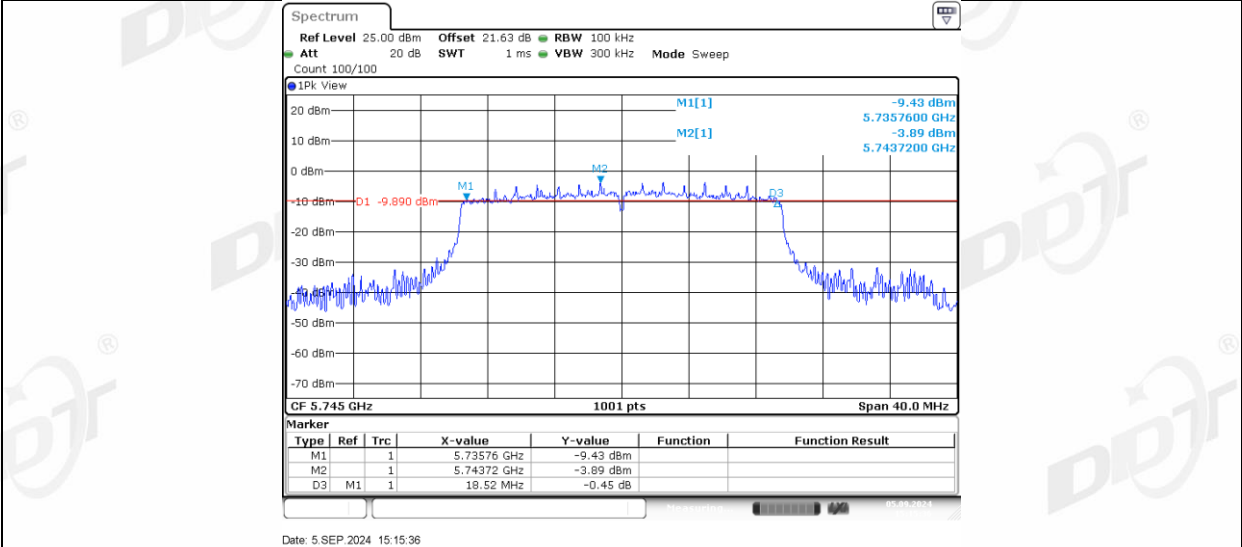
11AC80MIMO_Ant2_5775



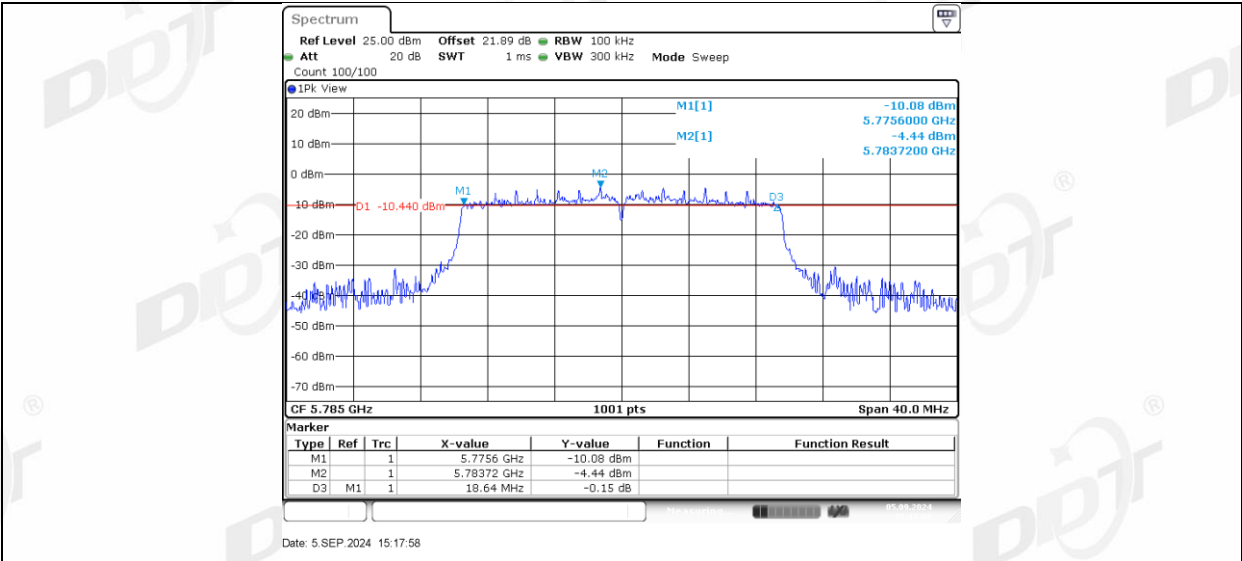
11AX20MIMO_Ant1_5745



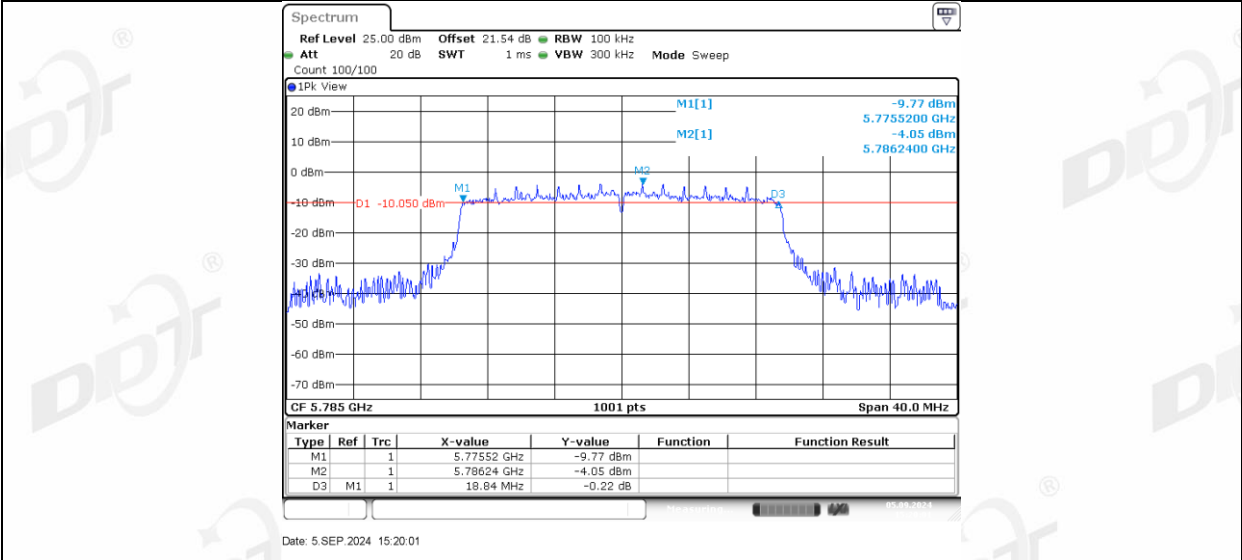
11AX20MIMO_Ant2_5745



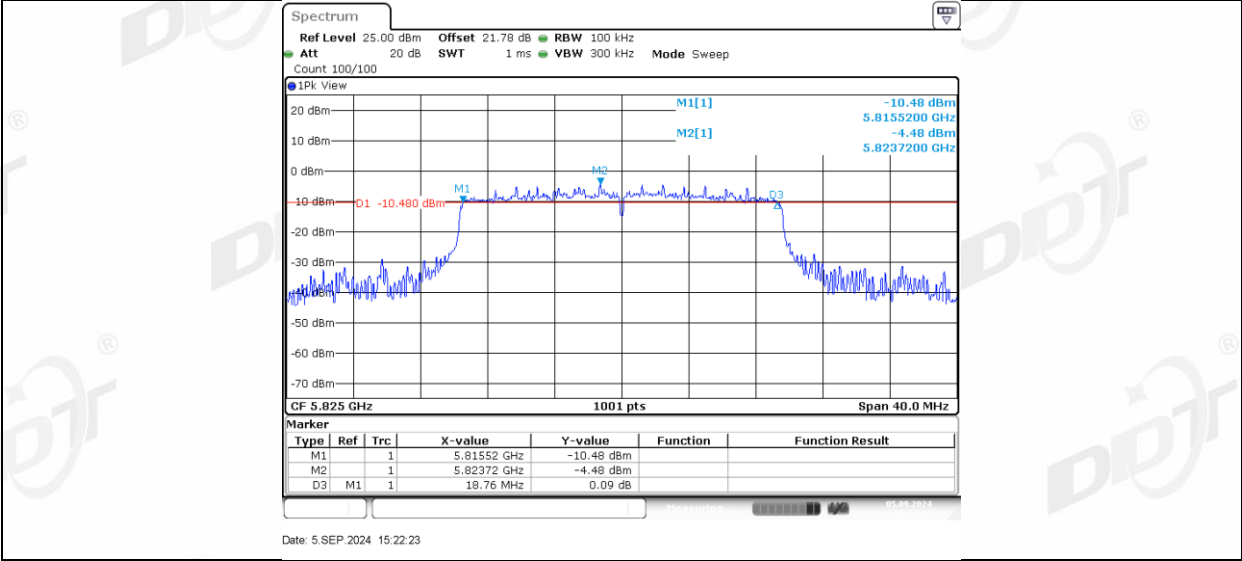
11AX20MIMO_Ant1_5785



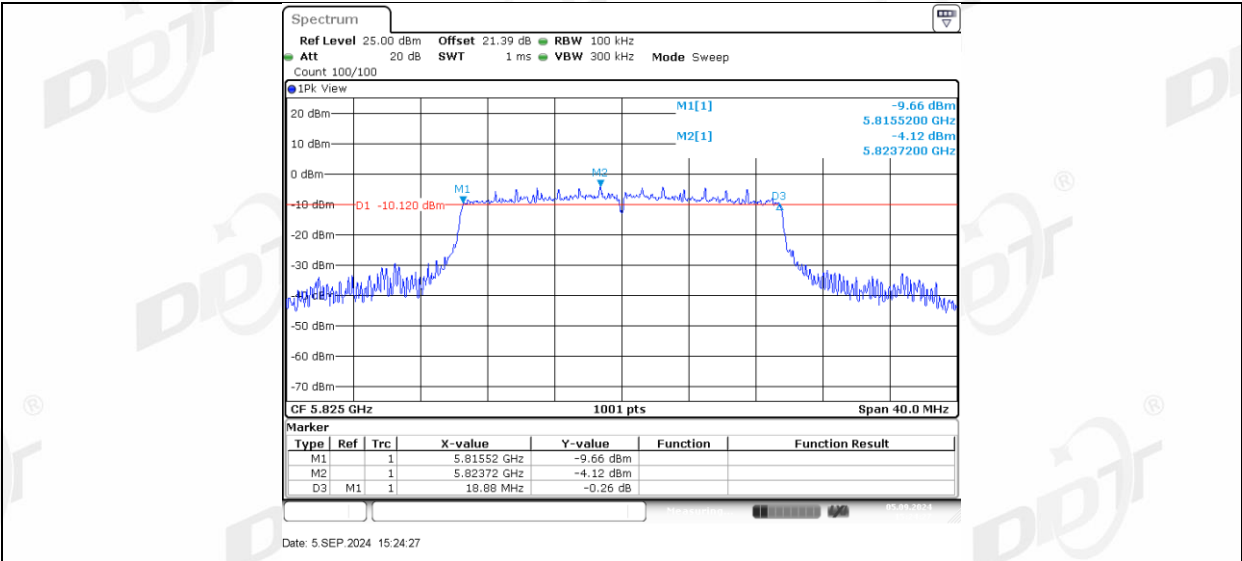
11AX20MIMO_Ant2_5785



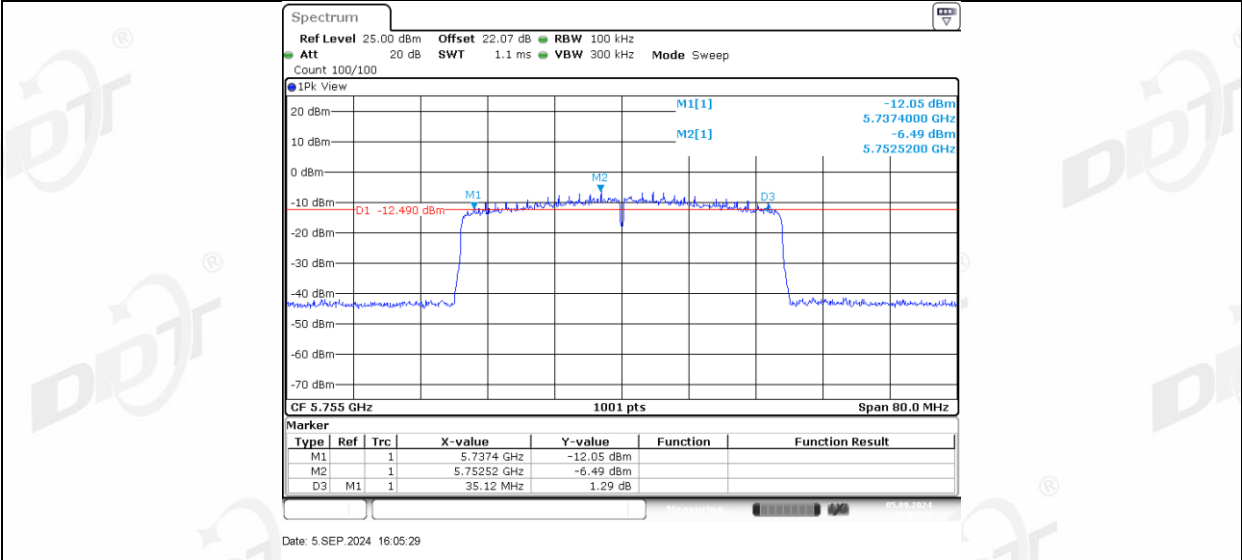
11AX20MIMO_Ant1_5825



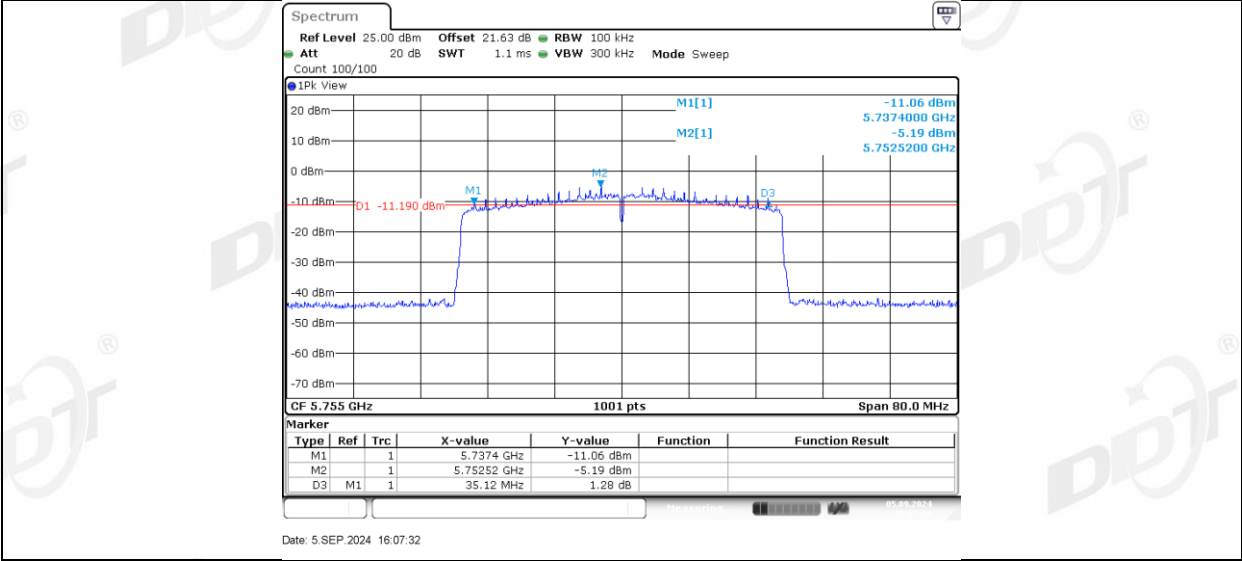
11AX20MIMO_Ant2_5825



11AX40MIMO_Ant1_5755

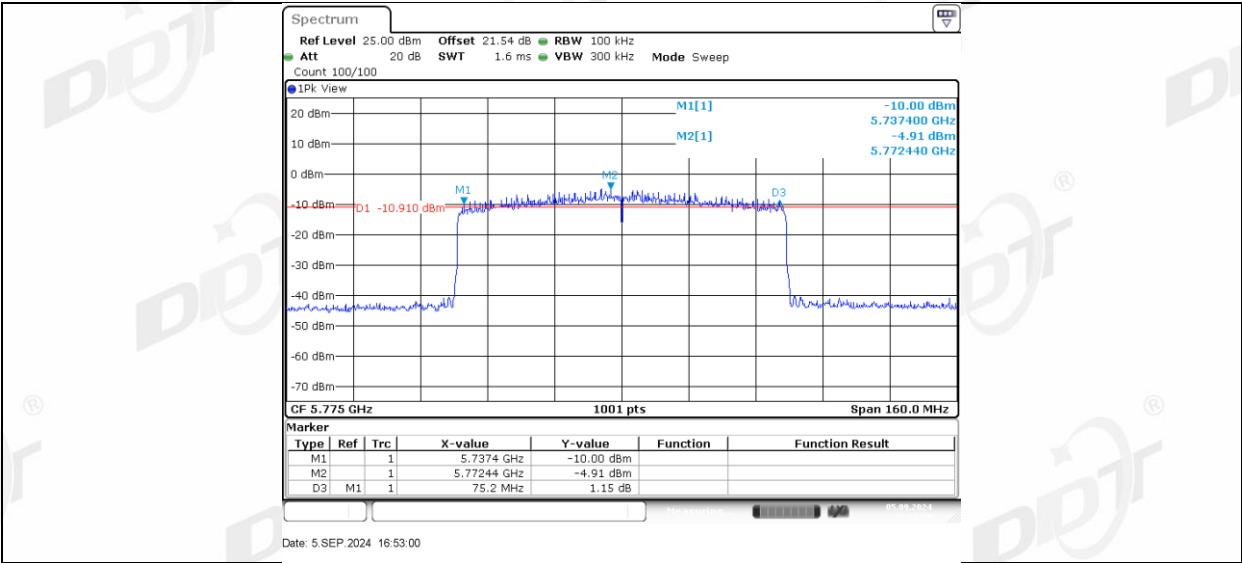


11AX40MIMO_Ant2_5755



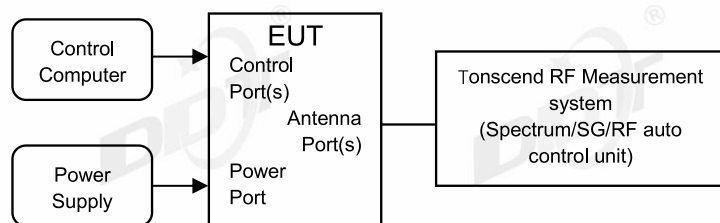
11AX40MIMO_Ant1_5795





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:	Zhongyao	Test Site:	RF Measurement System 3#
Ambient Condition:	24.6-27.2℃,42.9-46.7%RH	Test Date:	2024.09.04-2024.09.11
Test Power Supply:	AC 120V/60Hz	Sample Number:	S24081429-001

Test Mode	Antenna	Frequency [MHz]	OCB [MHz]	FL[MHz]	FH[MHz]	Limit[MHz]	Verdict
11A	Ant1	5180	19.381	5170.2498	5189.6304	---	---
	Ant2	5180	19.381	5170.2897	5189.6703	---	---
	Ant1	5200	19.381	5190.2498	5209.6304	---	---
	Ant2	5200	19.341	5190.2897	5209.6304	---	---
	Ant1	5240	17.223	5231.3686	5248.5914	---	---
	Ant2	5240	17.223	5231.3287	5248.5514	---	---
	Ant1	5260	19.421	5250.2098	5269.6304	---	---
	Ant2	5260	19.341	5250.2498	5269.5904	---	---
	Ant1	5280	19.301	5270.2498	5289.5504	---	---
	Ant2	5280	19.301	5270.2498	5289.5504	---	---
	Ant1	5320	19.421	5310.1299	5329.5504	---	---
	Ant2	5320	19.54	5310.0899	5329.6304	---	---
	Ant1	5500	19.421	5490.2098	5509.6304	---	---
	Ant2	5500	19.461	5490.1698	5509.6304	---	---
	Ant1	5580	19.261	5570.2498	5589.5105	---	---
	Ant2	5580	19.301	5570.2897	5589.5904	---	---
	Ant1	5700	19.461	5690.2098	5709.6703	---	---
	Ant2	5700	19.54	5690.2098	5709.7502	---	---
	Ant1	5720	19.261	5710.2098	5729.4705	---	---
	Ant2	5720	19.221	5710.2897	5729.5105	---	---
	Ant1	5720 UNII-2C	14.79	5710.2098	5725	---	---
	Ant2	5720 UNII-2C	14.71	5710.2897	5725	---	---
	Ant1	5720 UNII-3	4.471	5725	5729.4705	---	---
	Ant2	5720 UNII-3	4.511	5725	5729.5105	---	---
	Ant1	5745	19.58	5735.1698	5754.7502	---	---
	Ant2	5745	19.66	5735.1299	5754.7902	---	---
	Ant1	5785	19.58	5775.2098	5794.7902	---	---
	Ant2	5785	19.5	5775.2098	5794.7103	---	---
	Ant1	5825	19.54	5815.1299	5834.6703	---	---
	Ant2	5825	19.58	5815.0899	5834.6703	---	---
11N20MIMO	Ant1	5180	20.26	5169.8901	5190.1499	---	---
	Ant2	5180	18.661	5170.5295	5189.1908	---	---
	Ant1	5200	20.42	5189.7702	5210.1898	---	---
	Ant2	5200	18.621	5190.5694	5209.1908	---	---
	Ant1	5240	18.062	5230.9291	5248.9910	---	---
	Ant2	5240	17.782	5231.0490	5248.8312	---	---
	Ant1	5260	20.34	5249.8501	5270.1898	---	---
	Ant2	5260	18.661	5250.5694	5269.2308	---	---
	Ant1	5280	20.34	5269.8501	5290.1898	---	---
	Ant2	5280	18.621	5270.5295	5289.1508	---	---
	Ant1	5320	19.86	5310.1698	5330.0300	---	---
	Ant2	5320	18.701	5310.4895	5329.1908	---	---
	Ant1	5500	20.38	5489.8102	5510.1898	---	---
	Ant2	5500	18.701	5490.5295	5509.2308	---	---
	Ant1	5580	20.42	5569.7702	5590.1898	---	---
	Ant2	5580	18.661	5570.4895	5589.1508	---	---
	Ant1	5700	20.42	5689.7702	5710.1898	---	---
	Ant2	5700	18.741	5690.4895	5709.2308	---	---
	Ant1	5720	20.18	5709.8102	5729.9900	---	---
	Ant2	5720	18.541	5710.6094	5729.1508	---	---
	Ant1	5720 UNII-2C	15.19	5709.8102	5725	---	---
	Ant2	5720 UNII-2C	14.391	5710.6094	5725	---	---
	Ant1	5720 UNII-3	4.99	5725	5729.9900	---	---
	Ant2	5720 UNII-3	4.151	5725	5729.1508	---	---
	Ant1	5745	20.659	5734.6903	5755.3497	---	---

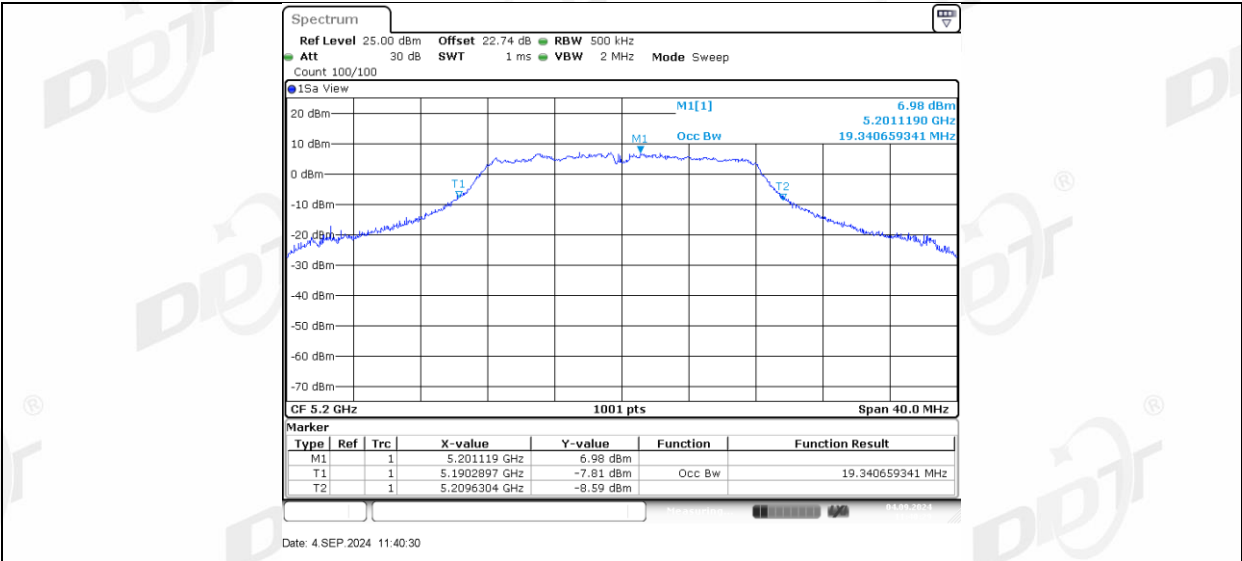
	Ant2	5745	18.781	5735.4895	5754.2707	---	---
	Ant1	5785	20.579	5774.7702	5795.3497	---	---
	Ant2	5785	18.781	5775.5295	5794.3107	---	---
	Ant1	5825	20.619	5814.6903	5835.3097	---	---
	Ant2	5825	18.781	5815.4496	5834.2308	---	---
11N40MIMO	Ant1	5190	36.044	5172.0180	5208.0619	---	---
	Ant2	5190	36.124	5171.9381	5208.0619	---	---
	Ant1	5230	36.044	5212.0180	5248.0619	---	---
	Ant2	5230	36.044	5211.9381	5247.9820	---	---
	Ant1	5270	36.044	5252.0180	5288.0619	---	---
	Ant2	5270	36.044	5251.9381	5287.9820	---	---
	Ant1	5310	36.044	5291.9381	5327.9820	---	---
	Ant2	5310	36.124	5291.8581	5327.9820	---	---
	Ant1	5510	36.124	5491.9381	5528.0619	---	---
	Ant2	5510	36.124	5491.8581	5527.9820	---	---
	Ant1	5550	36.204	5531.7782	5567.9820	---	---
	Ant2	5550	36.204	5531.8581	5568.0619	---	---
	Ant1	5670	36.204	5651.8581	5688.0619	---	---
	Ant2	5670	36.044	5651.9381	5687.9820	---	---
	Ant1	5710	35.884	5692.0180	5727.9021	---	---
	Ant2	5710	36.124	5691.9381	5728.0619	---	---
	Ant1	5710 UNII-2C	32.982	5692.0180	5725	---	---
	Ant2	5710 UNII-2C	33.062	5691.9381	5725	---	---
	Ant1	5710 UNII-3	2.902	5725	5727.9021	---	---
	Ant2	5710 UNII-3	3.062	5725	5728.0619	---	---
	Ant1	5755	35.964	5737.0180	5772.9820	---	---
	Ant2	5755	36.044	5736.9381	5772.9820	---	---
	Ant1	5795	35.964	5777.0180	5812.9820	---	---
	Ant2	5795	35.964	5777.0180	5812.9820	---	---
11AC20MIMO	Ant1	5180	19.82	5170.0899	5189.9101	---	---
	Ant2	5180	18.342	5170.8492	5189.1908	---	---
	Ant1	5200	19.9	5190.0500	5209.9500	---	---
	Ant2	5200	18.302	5190.8891	5209.1908	---	---
	Ant1	5240	17.942	5231.0090	5248.9510	---	---
	Ant2	5240	17.622	5231.1289	5248.7512	---	---
	Ant1	5260	19.9	5250.0100	5269.9101	---	---
	Ant2	5260	18.222	5250.9291	5269.1508	---	---
	Ant1	5280	19.74	5270.0899	5289.8302	---	---
	Ant2	5280	18.222	5270.8891	5289.1109	---	---
	Ant1	5320	19.94	5309.9301	5329.8701	---	---
	Ant2	5320	18.382	5310.8092	5329.1908	---	---
	Ant1	5500	19.94	5490.0100	5509.9500	---	---
	Ant2	5500	18.342	5490.8492	5509.1908	---	---
	Ant1	5580	19.74	5570.0500	5589.7902	---	---
	Ant2	5580	18.222	5570.8891	5589.1109	---	---
	Ant1	5700	19.9	5690.0500	5709.9500	---	---
	Ant2	5700	18.342	5690.8492	5709.1908	---	---
	Ant1	5720	19.82	5709.9700	5729.7902	---	---
	Ant2	5720	18.222	5710.8891	5729.1109	---	---
	Ant1	5720 UNII-2C	15.03	5709.9700	5725	---	---
	Ant2	5720 UNII-2C	14.111	5710.8891	5725	---	---
	Ant1	5720 UNII-3	4.79	5725	5729.7902	---	---
	Ant2	5720 UNII-3	4.111	5725	5729.1109	---	---
	Ant1	5745	19.82	5735.0899	5754.9101	---	---
	Ant2	5745	18.262	5735.8891	5754.1508	---	---
	Ant1	5785	19.9	5775.0899	5794.9900	---	---
	Ant2	5785	18.262	5775.9291	5794.1908	---	---
	Ant1	5825	19.86	5815.0100	5834.8701	---	---
	Ant2	5825	18.262	5815.8891	5834.1508	---	---
11AC40MIMO	Ant1	5190	35.804	5172.0979	5207.9021	---	---
	Ant2	5190	36.044	5172.0180	5208.0619	---	---
	Ant1	5230	35.884	5212.0979	5247.9820	---	---
	Ant2	5230	35.964	5212.0180	5247.9820	---	---
	Ant1	5270	35.804	5252.0979	5287.9021	---	---

	Ant2	5270	36.124	5251.9381	5288.0619	---	---
	Ant1	5310	35.884	5292.0180	5327.9021	---	---
	Ant2	5310	36.204	5291.8581	5328.0619	---	---
	Ant1	5510	35.884	5492.0180	5527.9021	---	---
	Ant2	5510	36.044	5491.9381	5527.9820	---	---
	Ant1	5550	35.884	5532.0180	5567.9021	---	---
	Ant2	5550	36.204	5531.8581	5568.0619	---	---
	Ant1	5670	35.884	5652.0180	5687.9021	---	---
	Ant2	5670	36.204	5651.9381	5688.1419	---	---
	Ant1	5710	35.884	5692.0180	5727.9021	---	---
	Ant2	5710	36.124	5691.9381	5728.0619	---	---
	Ant1	5710 UNII-2C	32.982	5692.0180	5725	---	---
	Ant2	5710 UNII-2C	33.062	5691.9381	5725	---	---
	Ant1	5710 UNII-3	2.902	5725	5727.9021	---	---
	Ant2	5710 UNII-3	3.062	5725	5728.0619	---	---
	Ant1	5755	35.884	5737.0180	5772.9021	---	---
	Ant2	5755	36.124	5736.9381	5773.0619	---	---
	Ant1	5795	35.804	5777.0979	5812.9021	---	---
	Ant2	5795	36.124	5776.9381	5813.0619	---	---
11AC80MIMO	Ant1	5210	75.125	5172.4376	5247.5624	---	---
	Ant2	5210	74.965	5172.5974	5247.5624	---	---
	Ant1	5290	75.125	5252.5974	5327.7223	---	---
	Ant2	5290	75.125	5252.4376	5327.5624	---	---
	Ant1	5530	75.285	5492.2777	5567.5624	---	---
	Ant2	5530	75.125	5492.5974	5567.7223	---	---
	Ant1	5610	75.445	5572.2777	5647.7223	---	---
	Ant2	5610	75.125	5572.4376	5647.5624	---	---
	Ant1	5690	75.125	5652.2777	5727.4026	---	---
	Ant2	5690	74.965	5652.5974	5727.5624	---	---
	Ant1	5690 UNII-2C	72.722	5652.2777	5725	---	---
	Ant2	5690 UNII-2C	72.403	5652.5974	5725	---	---
	Ant1	5690 UNII-3	2.403	5725	5727.4026	---	---
	Ant2	5690 UNII-3	2.562	5725	5727.5624	---	---
	Ant1	5775	75.125	5737.4376	5812.5624	---	---
	Ant2	5775	74.965	5737.5974	5812.5624	---	---
11AX20MIMO	Ant1	5180	19.381	5170.2897	5189.6703	---	---
	Ant2	5180	19.261	5170.3297	5189.5904	---	---
	Ant1	5200	19.381	5190.2498	5209.6304	---	---
	Ant2	5200	19.341	5190.2498	5209.5904	---	---
	Ant1	5240	18.901	5230.5295	5249.4306	---	---
	Ant2	5240	18.901	5230.5295	5249.4306	---	---
	Ant1	5260	19.421	5250.2498	5269.6703	---	---
	Ant2	5260	19.381	5250.2498	5269.6304	---	---
	Ant1	5280	19.421	5270.2897	5289.7103	---	---
	Ant2	5280	19.341	5270.2897	5289.6304	---	---
	Ant1	5320	19.461	5310.2498	5329.7103	---	---
	Ant2	5320	19.301	5310.2897	5329.5904	---	---
	Ant1	5500	19.461	5490.2098	5509.6703	---	---
	Ant2	5500	19.301	5490.3297	5509.6304	---	---
	Ant1	5580	19.421	5570.2098	5589.6304	---	---
	Ant2	5580	19.341	5570.2498	5589.5904	---	---
	Ant1	5700	19.381	5690.2897	5709.6703	---	---
	Ant2	5700	19.301	5690.3297	5709.6304	---	---
	Ant1	5720	19.421	5710.2098	5729.6304	---	---
	Ant2	5720	19.341	5710.2897	5729.6304	---	---
	Ant1	5720 UNII-2C	14.79	5710.2098	5725	---	---
	Ant2	5720 UNII-2C	14.71	5710.2897	5725	---	---
	Ant1	5720 UNII-3	4.63	5725	5729.6304	---	---
	Ant2	5720 UNII-3	4.63	5725	5729.6304	---	---
	Ant1	5745	19.461	5735.2498	5754.7103	---	---
	Ant2	5745	19.341	5735.3297	5754.6703	---	---
	Ant1	5785	19.421	5775.2498	5794.6703	---	---
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	Ant1	5825	19.421	5815.2498	5834.6703	---	---

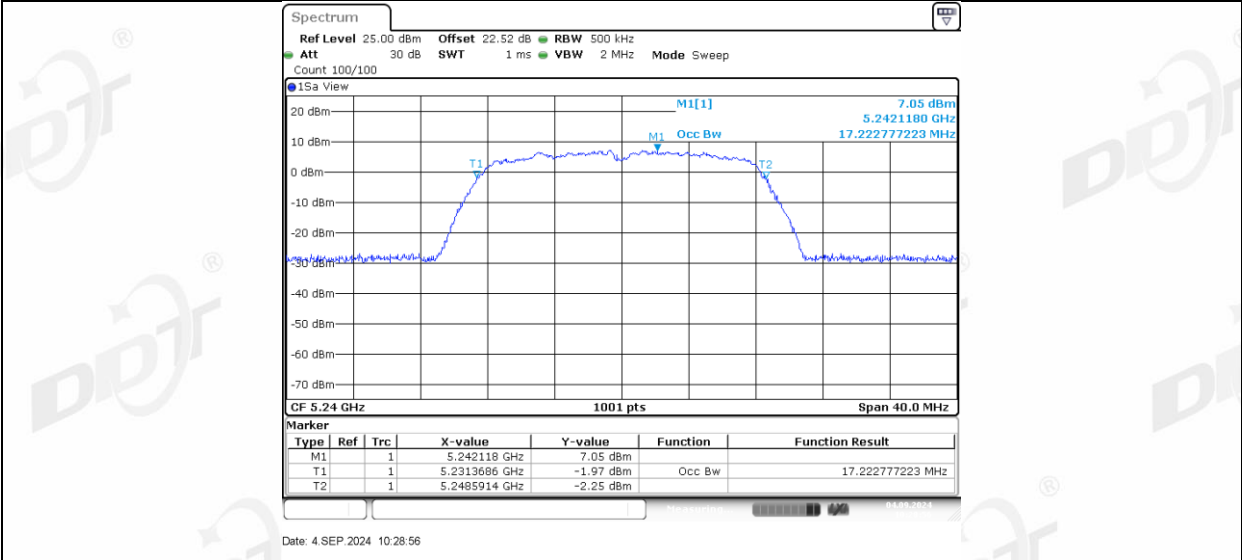
11AX40MIMO	Ant2	5825	19.341	5815.2897	5834.6304	---	---
	Ant1	5190	37.642	5171.1389	5208.7812	---	---
	Ant2	5190	37.562	5171.2188	5208.7812	---	---
	Ant1	5230	37.562	5211.2188	5248.7812	---	---
	Ant2	5230	37.642	5211.2188	5248.8611	---	---
	Ant1	5270	37.642	5251.2188	5288.8611	---	---
	Ant2	5270	37.642	5251.1389	5288.7812	---	---
	Ant1	5310	37.722	5291.1389	5328.8611	---	---
	Ant2	5310	37.642	5291.2188	5328.8611	---	---
	Ant1	5510	37.642	5491.1389	5528.7812	---	---
	Ant2	5510	37.642	5491.2188	5528.8611	---	---
	Ant1	5550	37.642	5531.1389	5568.7812	---	---
	Ant2	5550	37.562	5531.2188	5568.7812	---	---
	Ant1	5670	37.642	5651.1389	5688.7812	---	---
	Ant2	5670	37.722	5651.1389	5688.8611	---	---
	Ant1	5710	37.642	5691.1389	5728.7812	---	---
	Ant2	5710	37.642	5691.1389	5728.7812	---	---
	Ant1	5710 UNII-2C	33.861	5691.1389	5725	---	---
	Ant2	5710 UNII-2C	33.861	5691.1389	5725	---	---
	Ant1	5710 UNII-3	3.781	5725	5728.7812	---	---
	Ant2	5710 UNII-3	3.781	5725	5728.7812	---	---
	Ant1	5755	37.642	5736.1389	5773.7812	---	---
	Ant2	5755	37.562	5736.2188	5773.7812	---	---
	Ant1	5795	37.642	5776.1389	5813.7812	---	---
	Ant2	5795	37.642	5776.2188	5813.8611	---	---
11AX80MIMO	Ant1	5210	76.883	5171.4785	5248.3616	---	---
	Ant2	5210	77.203	5171.3187	5248.5215	---	---
	Ant1	5290	77.043	5251.6384	5328.6813	---	---
	Ant2	5290	77.043	5251.3187	5328.3616	---	---
	Ant1	5530	77.043	5491.4785	5568.5215	---	---
	Ant2	5530	77.203	5491.4785	5568.6813	---	---
	Ant1	5610	77.203	5571.3187	5648.5215	---	---
	Ant2	5610	77.363	5571.3187	5648.6813	---	---
	Ant1	5690	77.043	5651.3187	5728.3616	---	---
	Ant2	5690	77.363	5651.3187	5728.6813	---	---
	Ant1	5690 UNII-2C	73.681	5651.3187	5725	---	---
	Ant2	5690 UNII-2C	73.681	5651.3187	5725	---	---
	Ant1	5690 UNII-3	3.362	5725	5728.3616	---	---
	Ant2	5690 UNII-3	3.681	5725	5728.6813	---	---
	Ant1	5775	77.043	5736.4785	5813.5215	---	---
	Ant2	5775	77.043	5736.4785	5813.5215	---	---

6.5. Test graphs

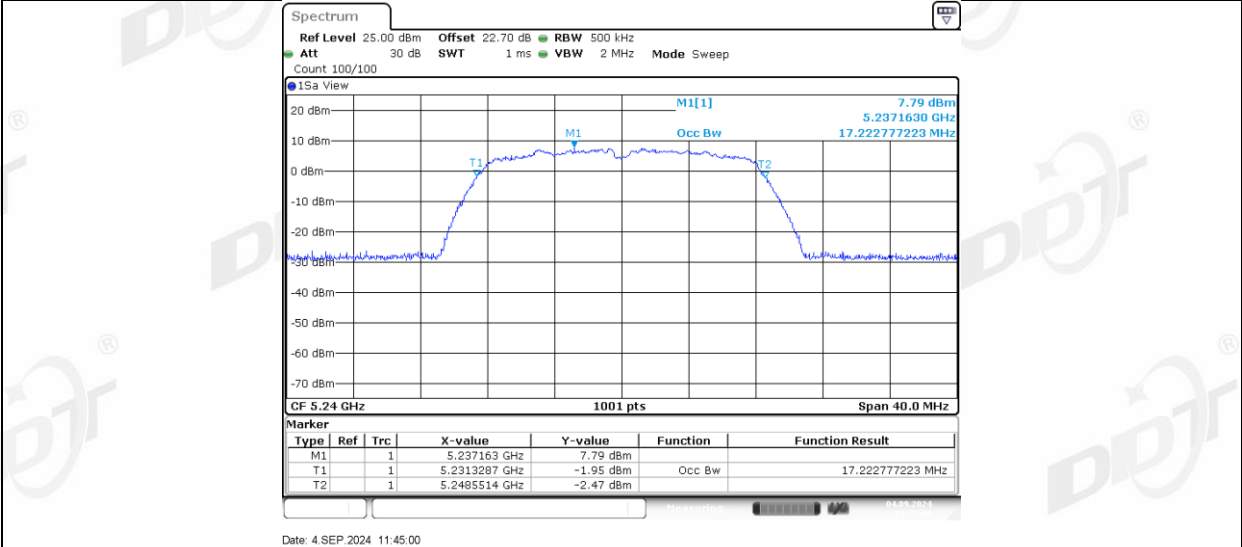




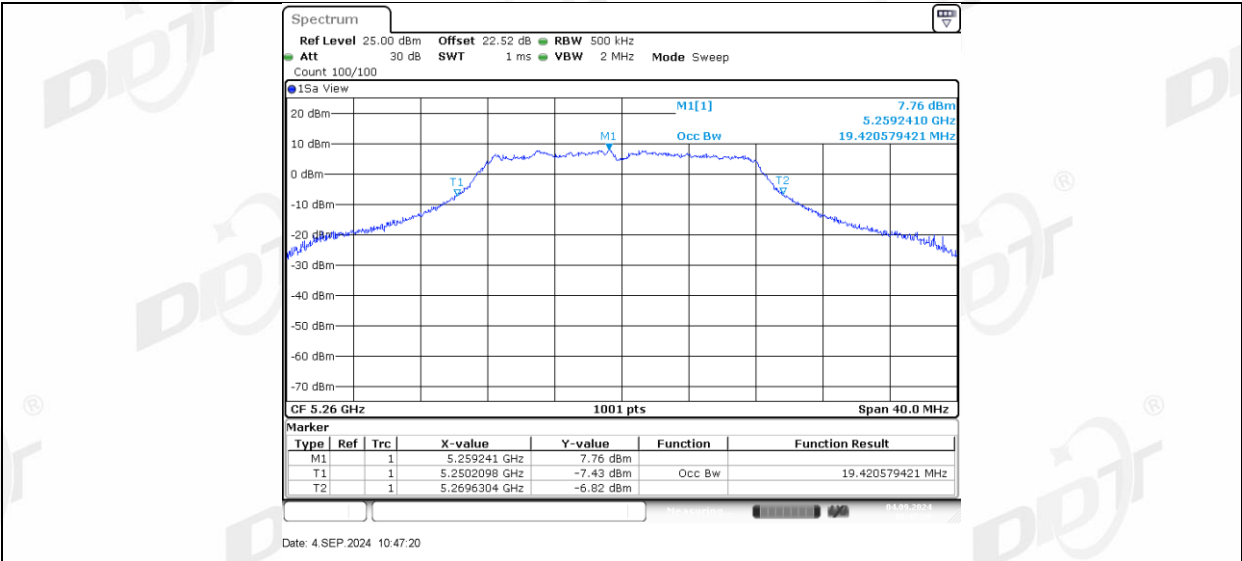
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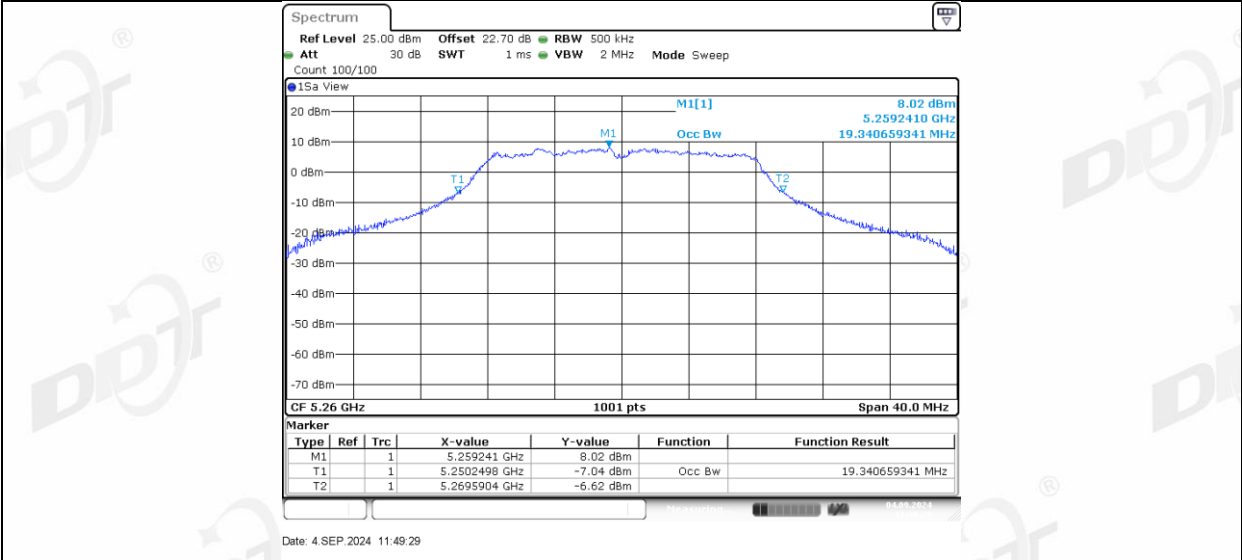
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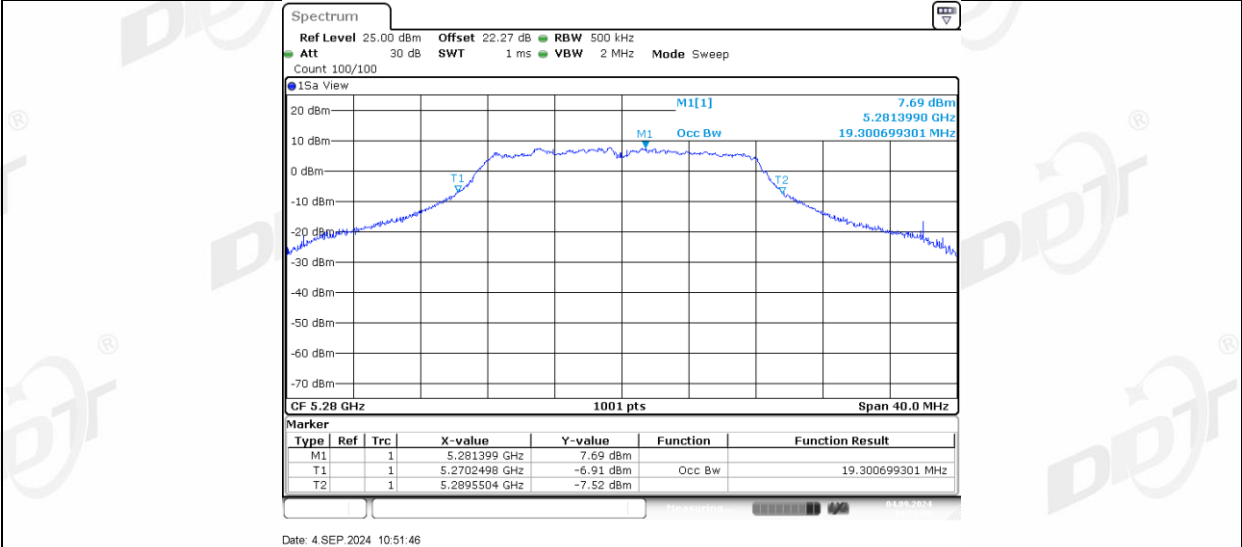
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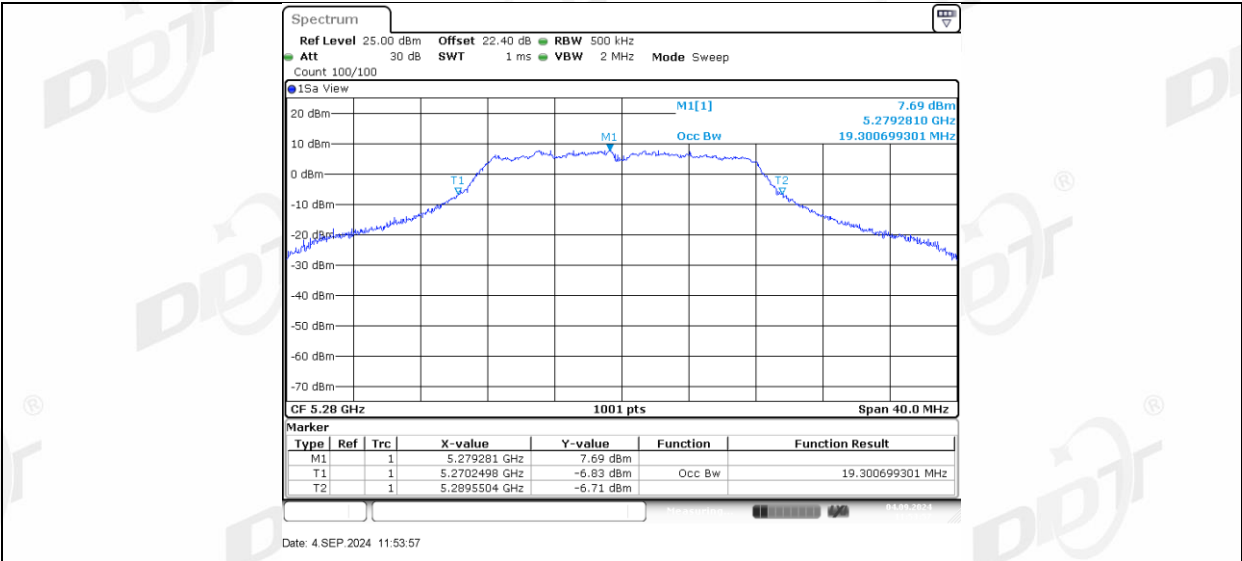
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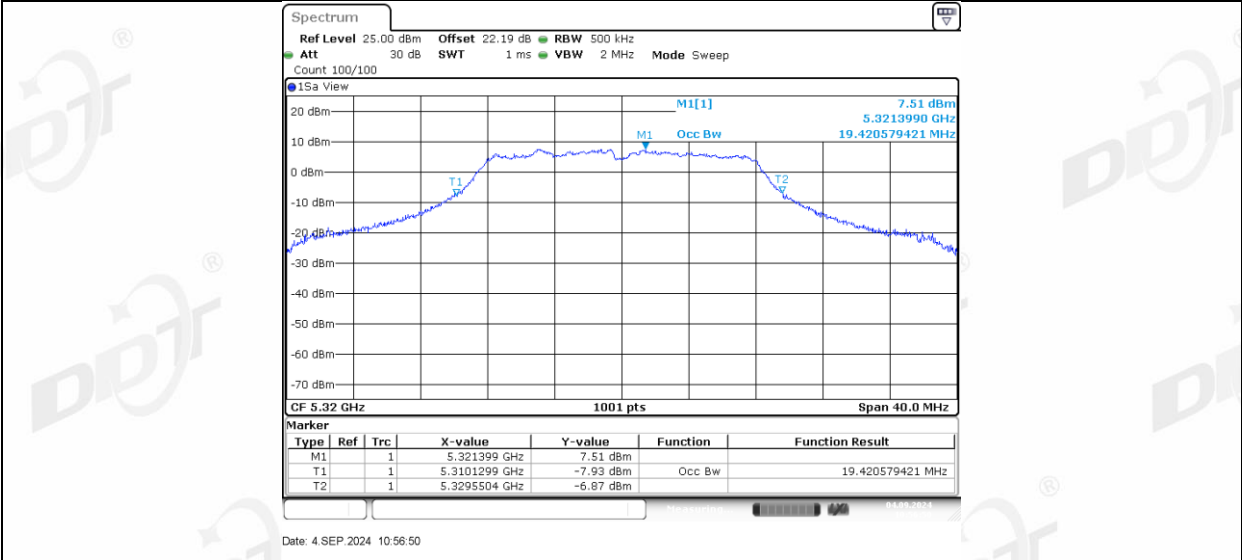
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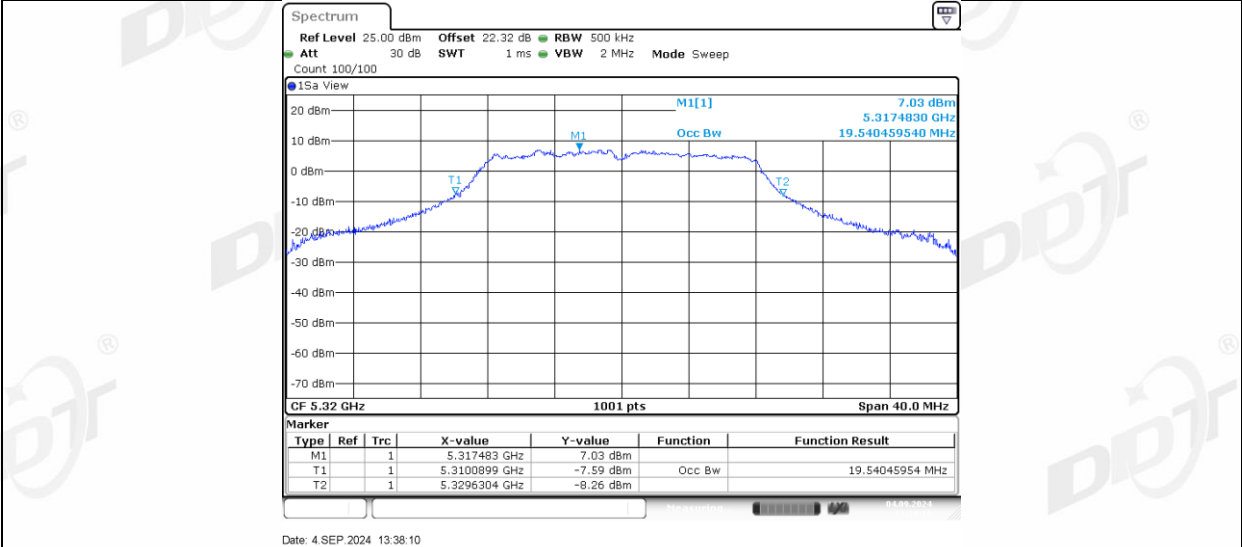
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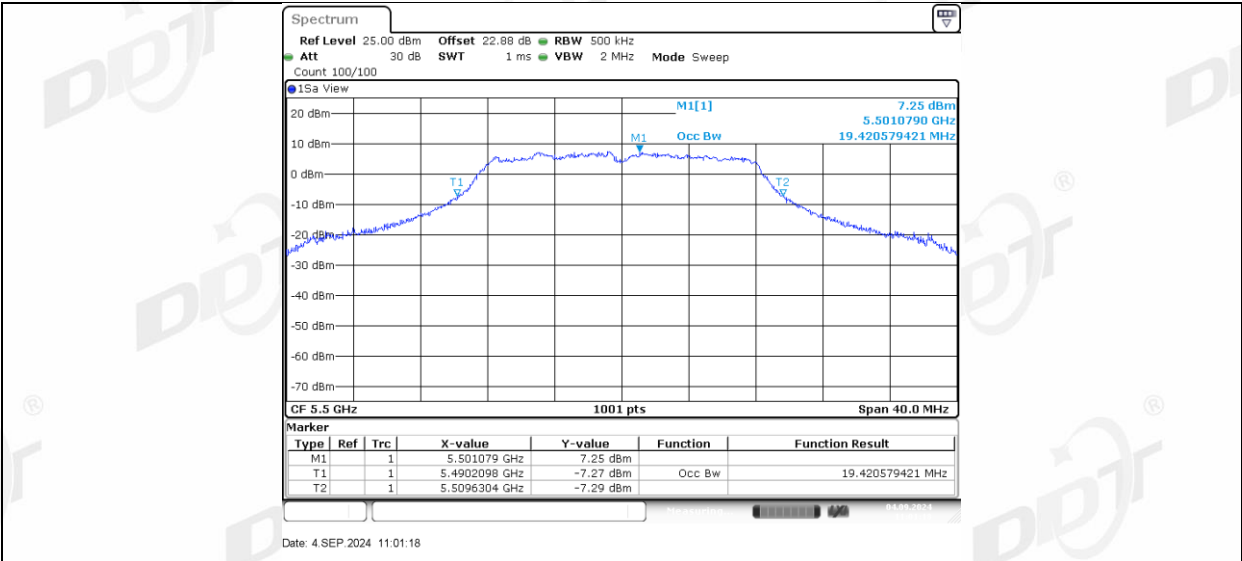
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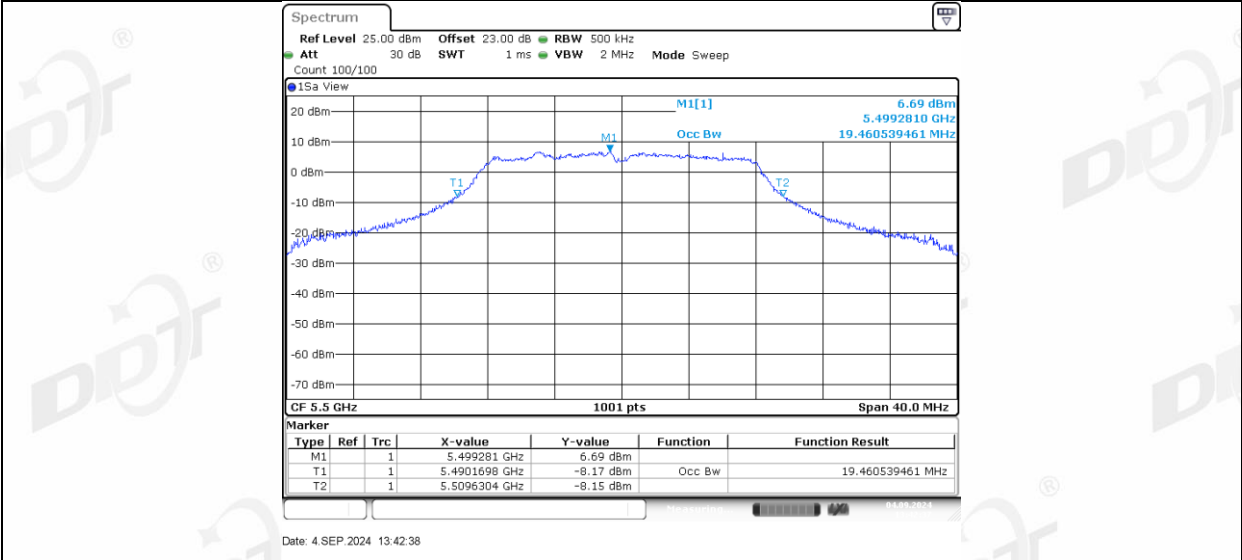
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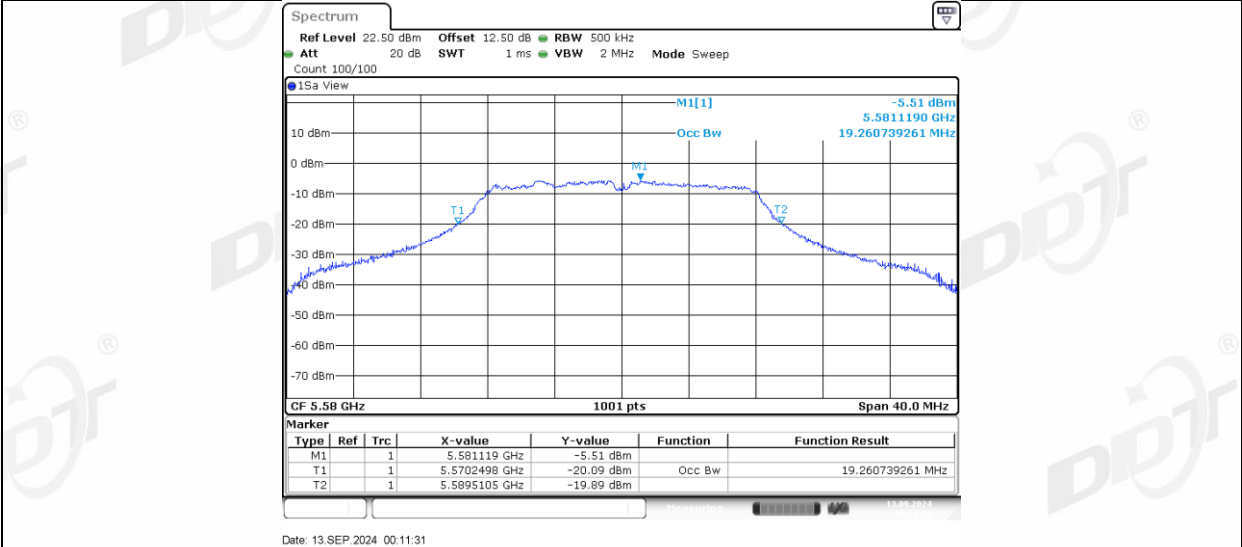
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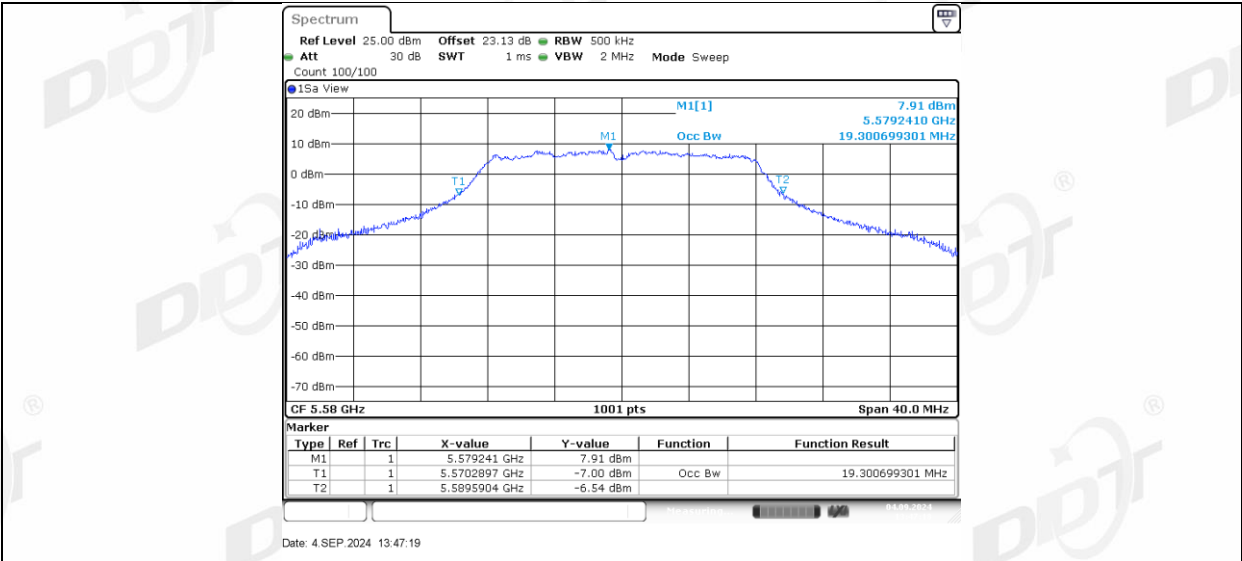
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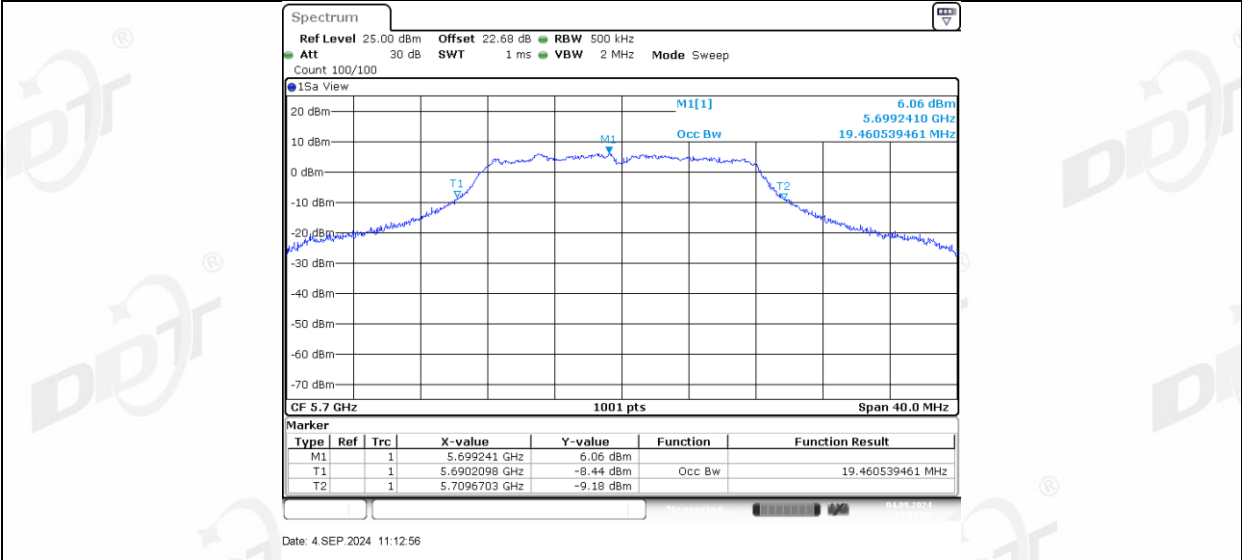
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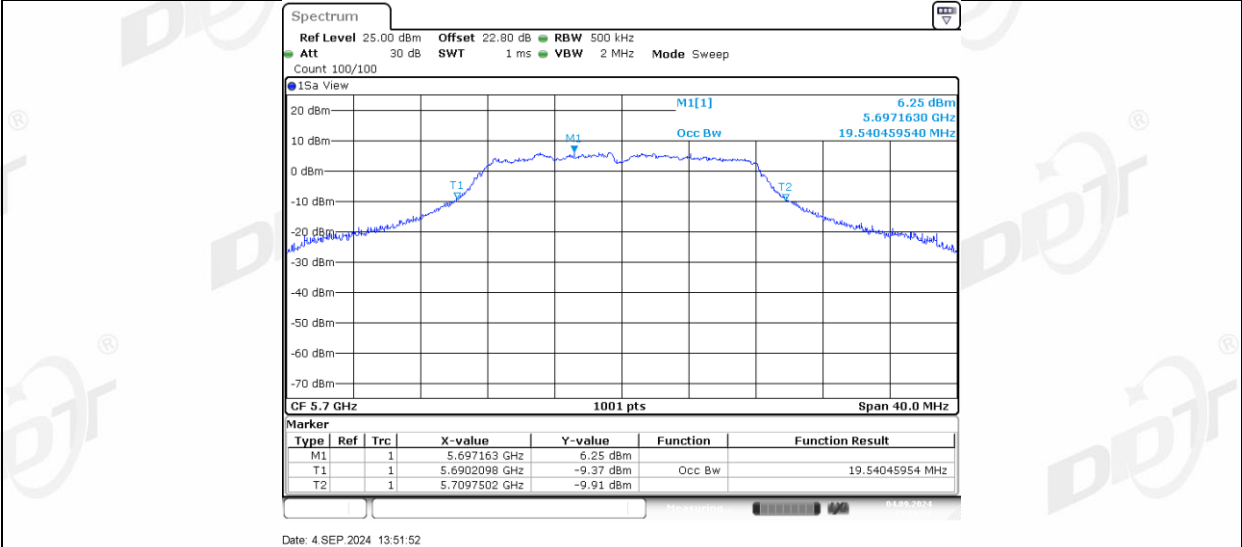
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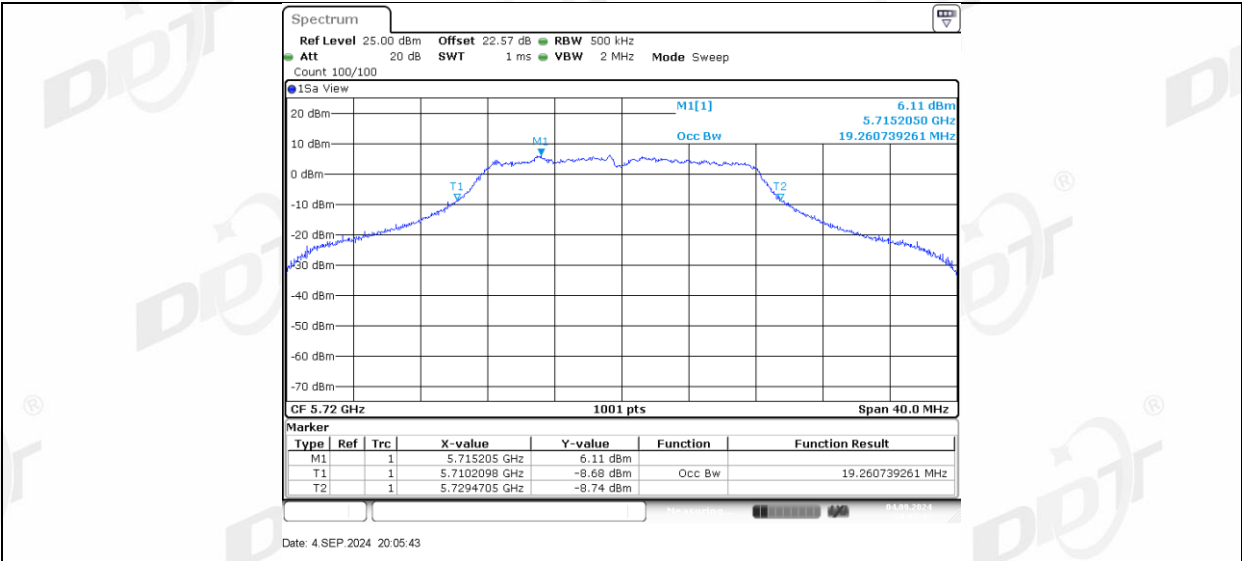
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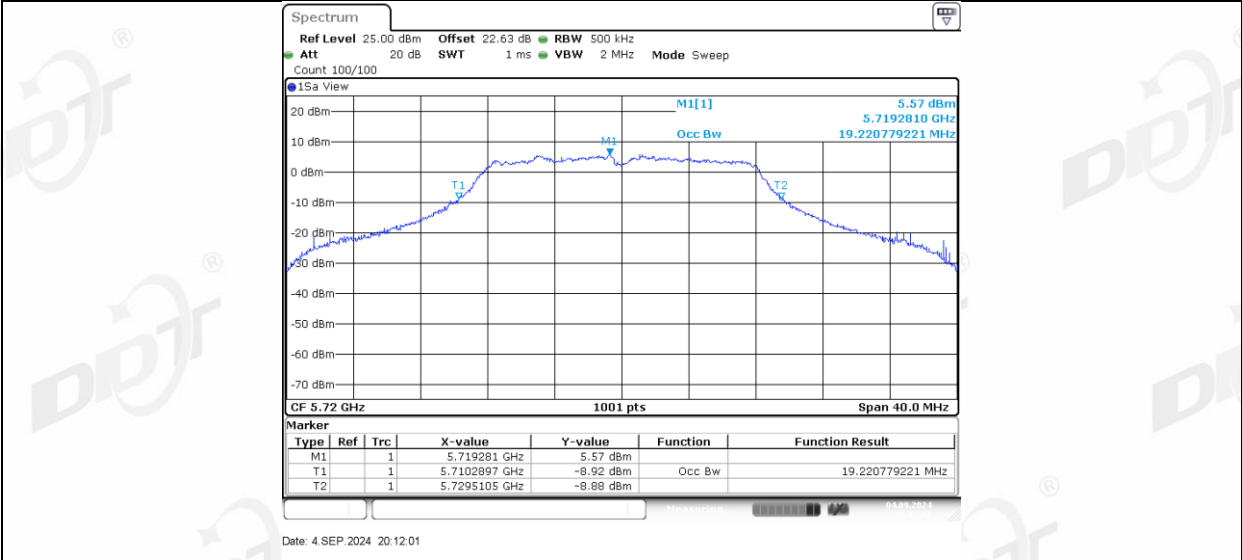
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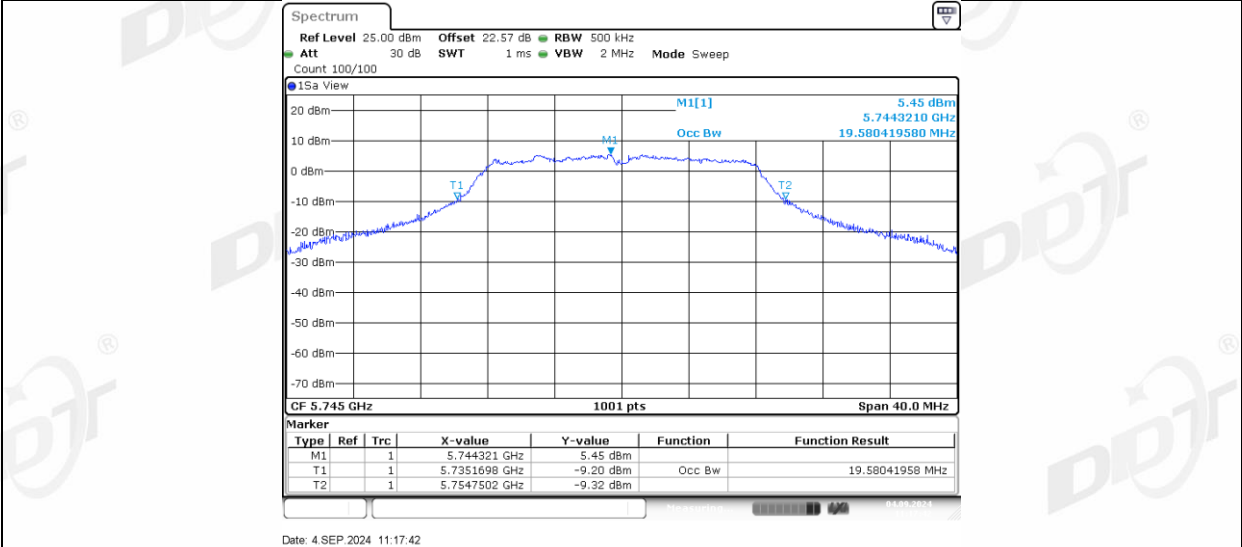
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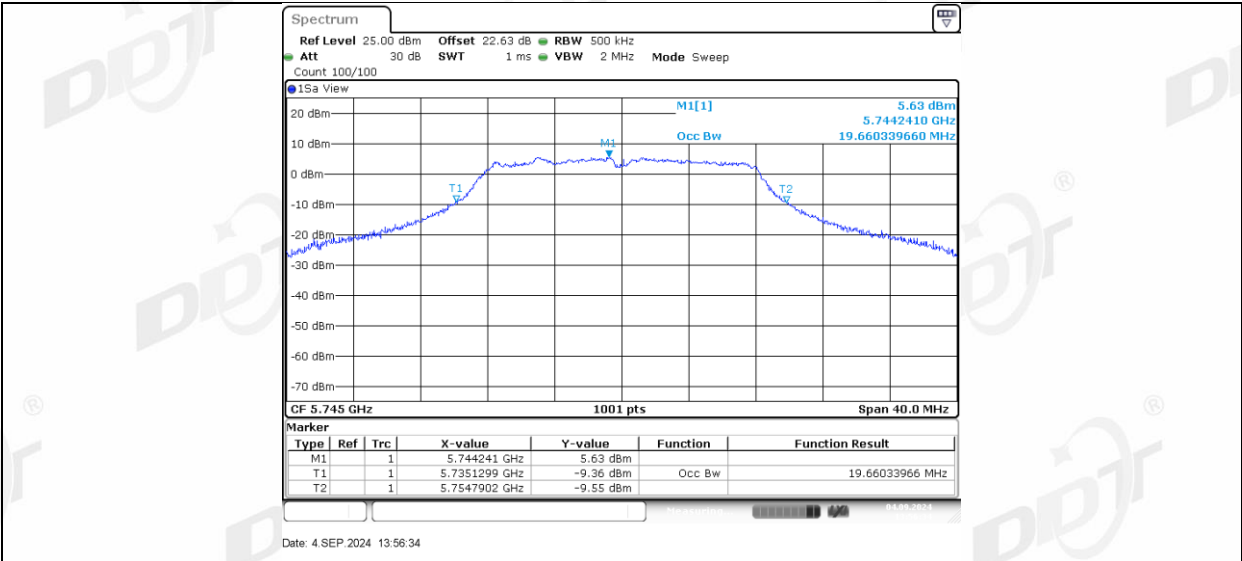
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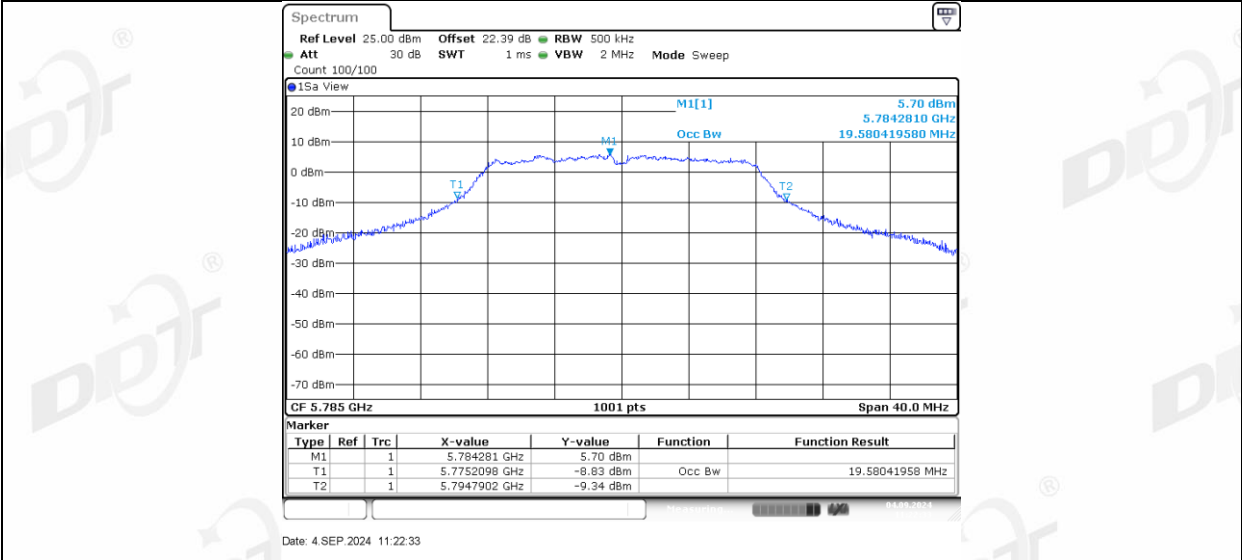
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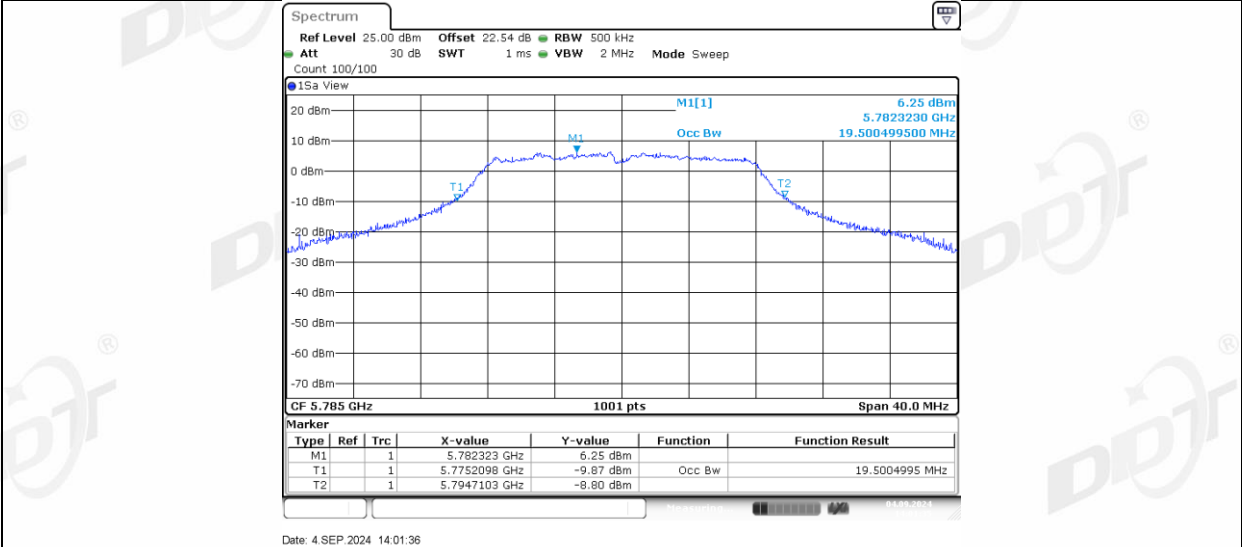
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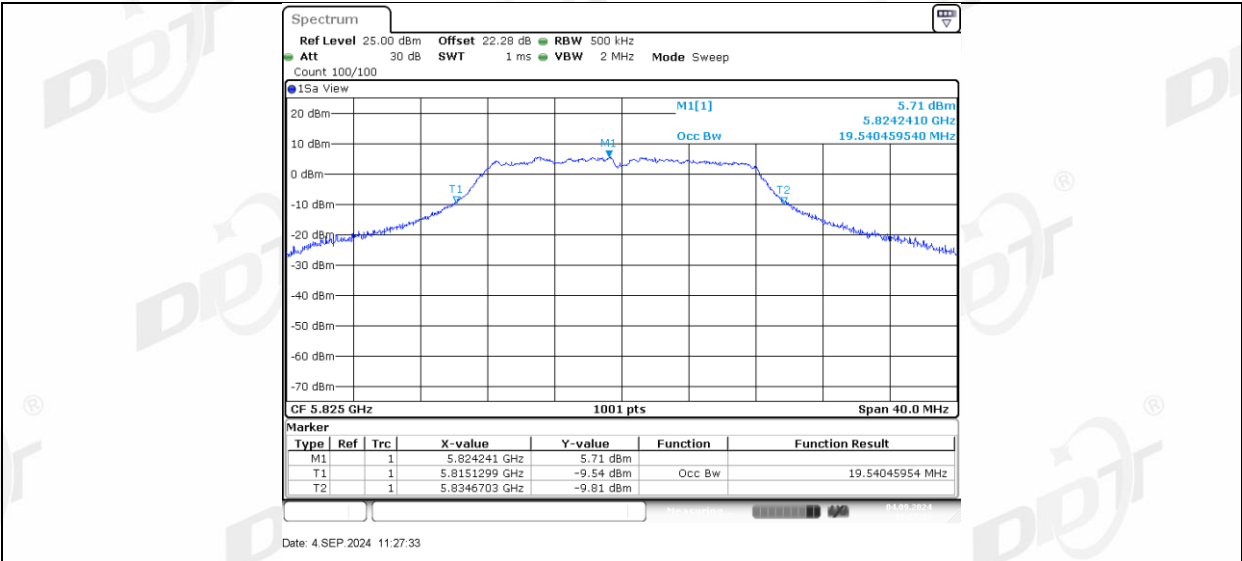
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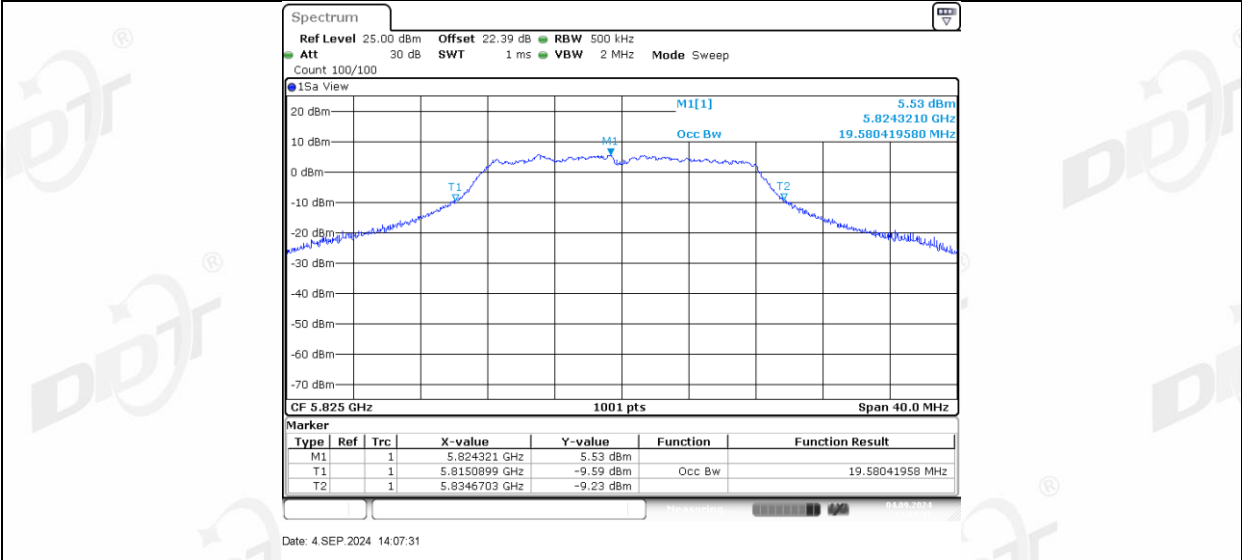
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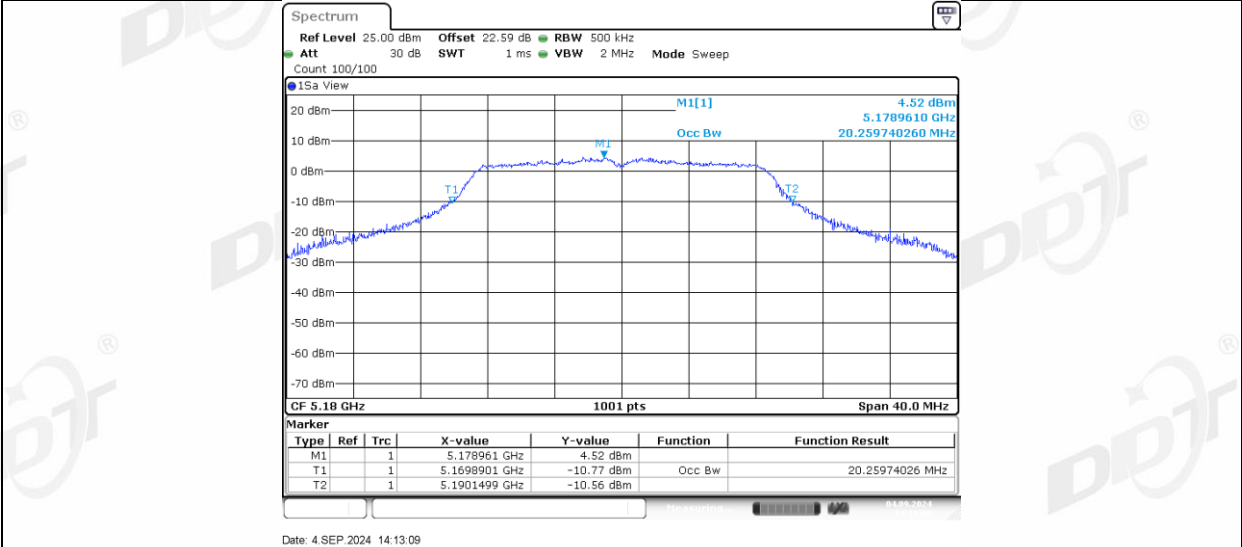
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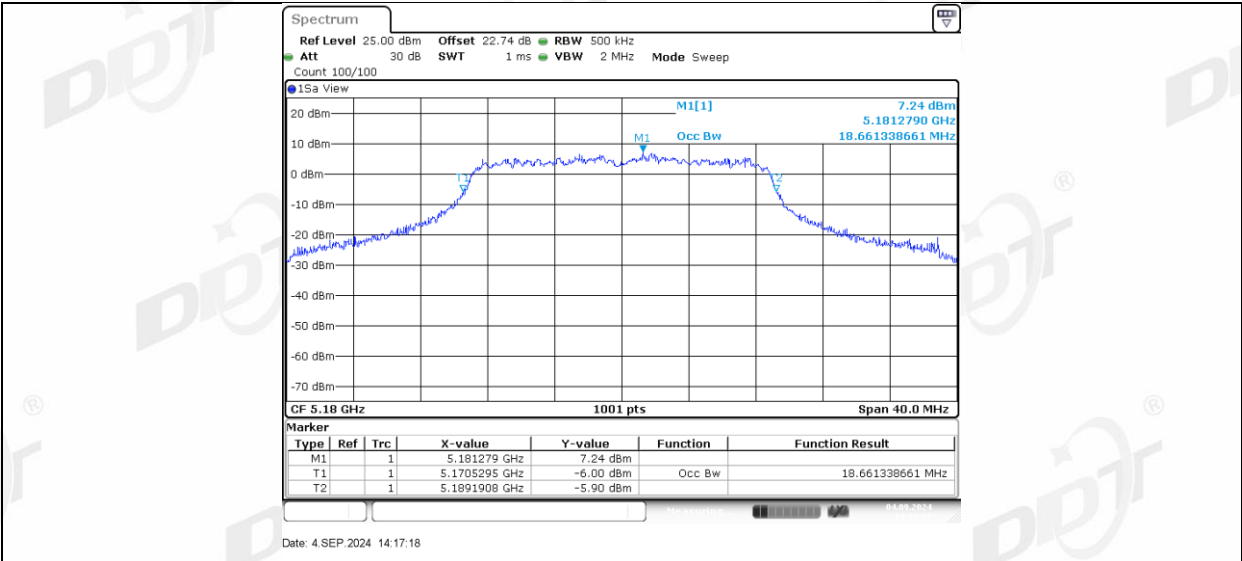
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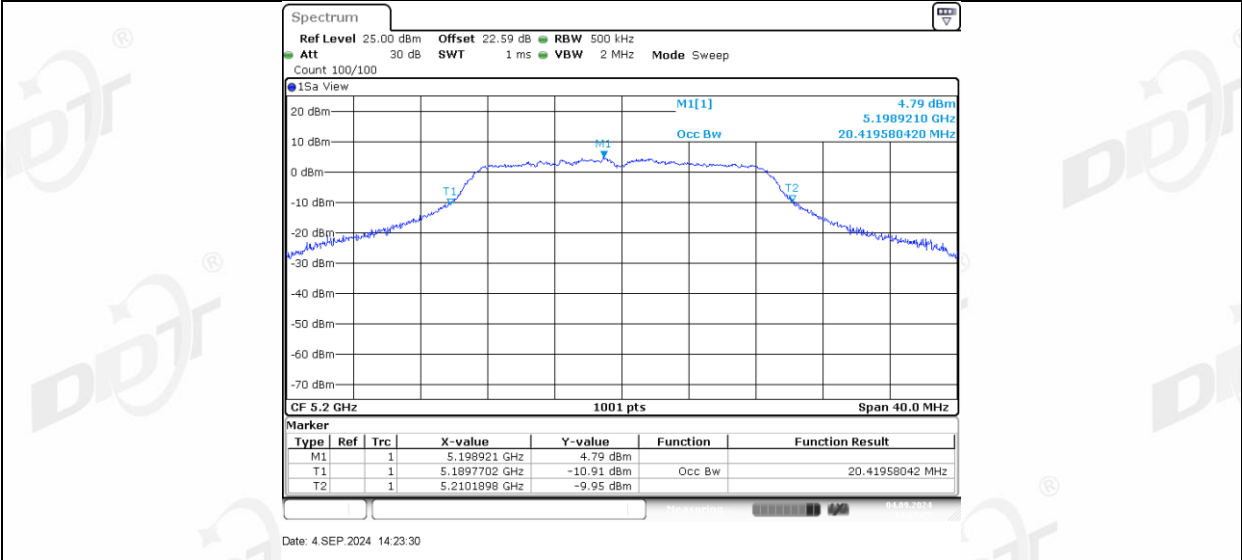
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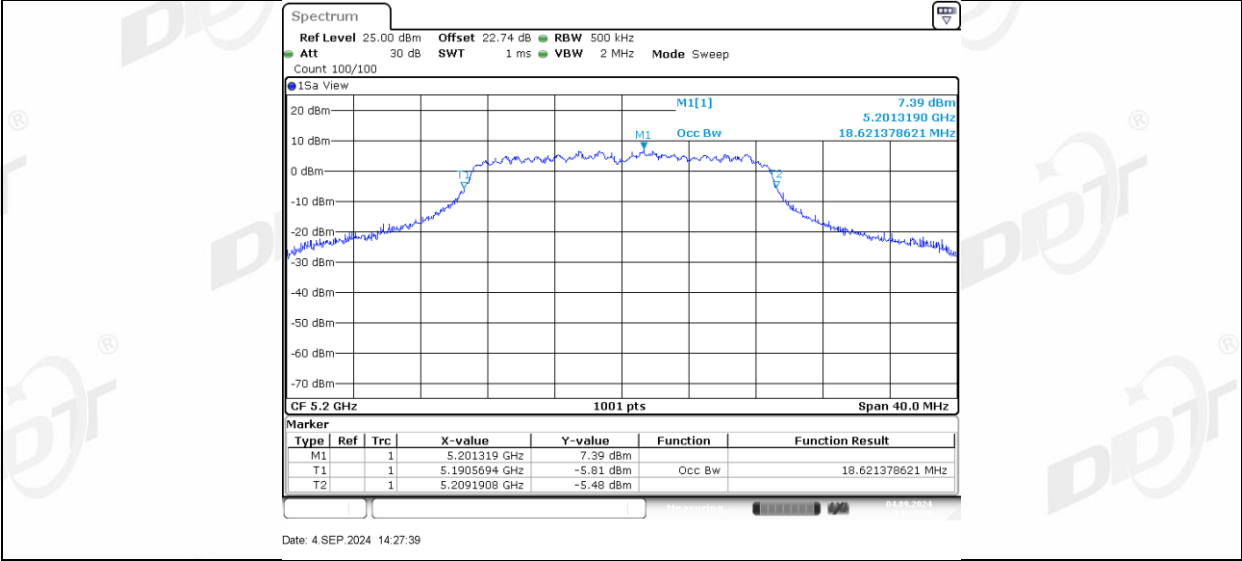
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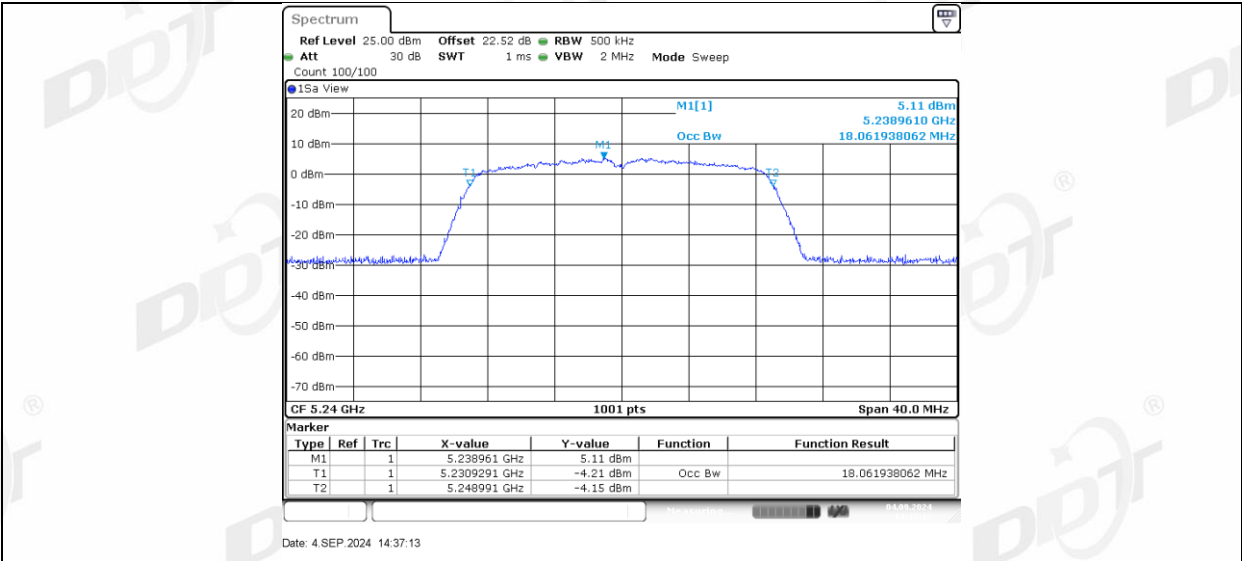
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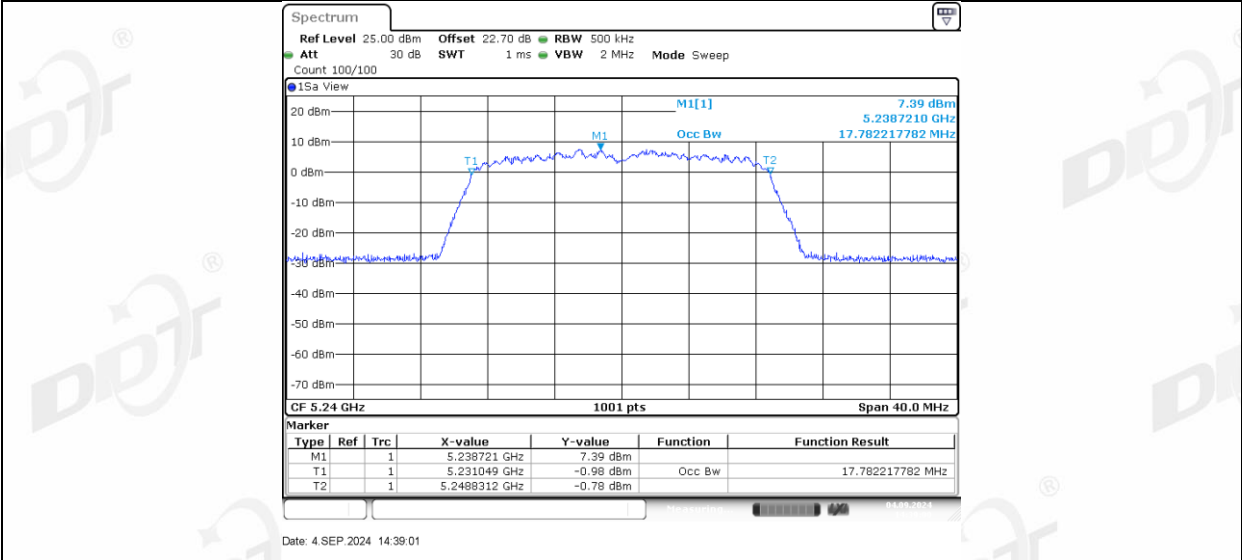
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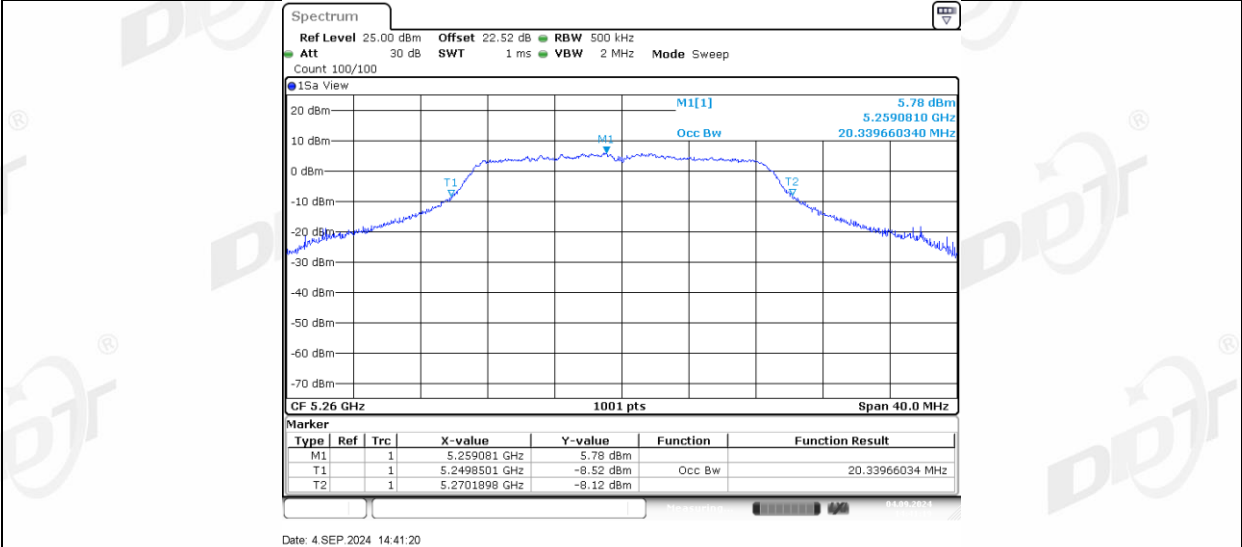
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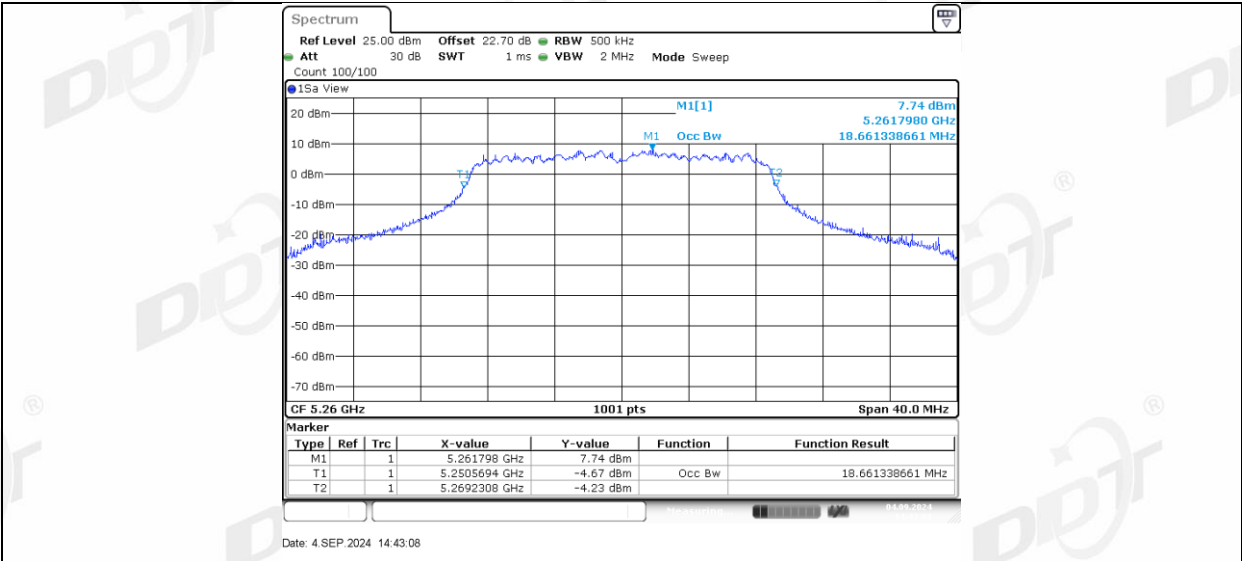
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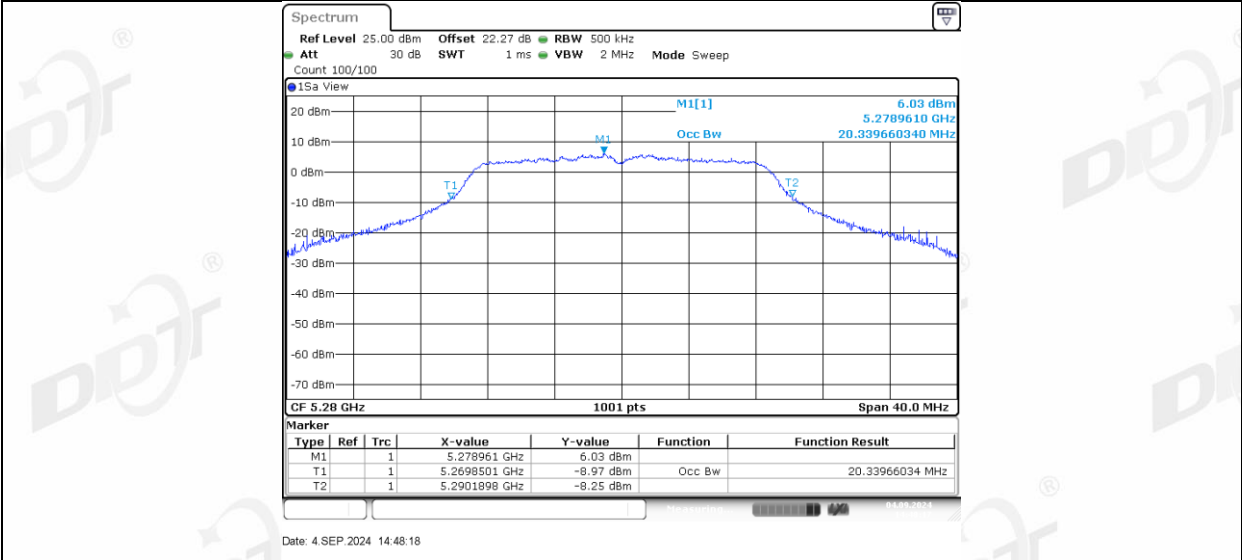
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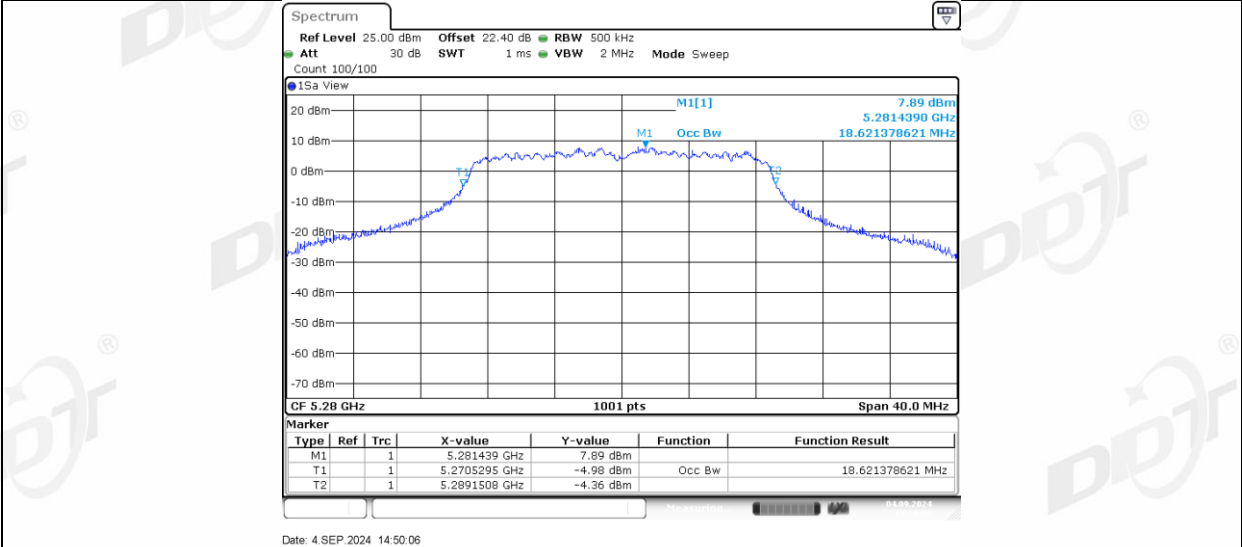
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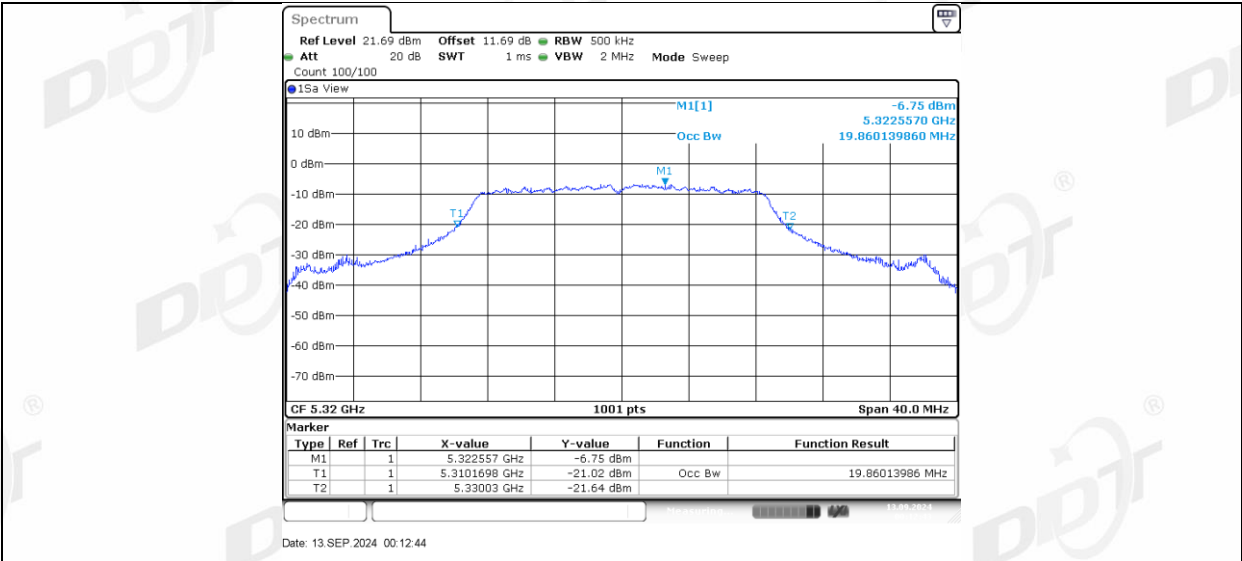
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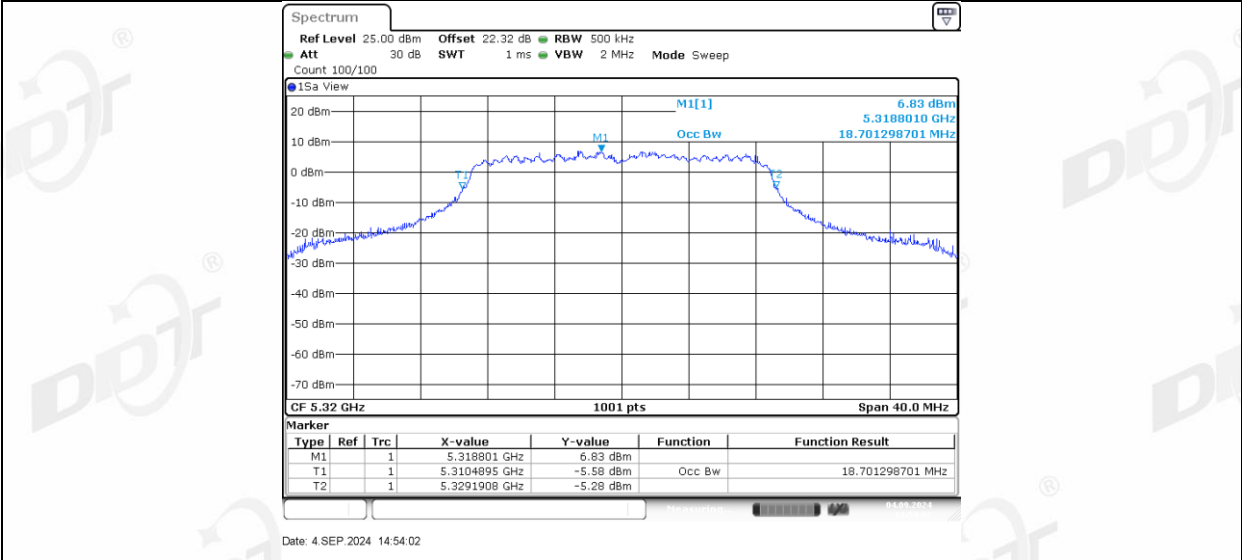
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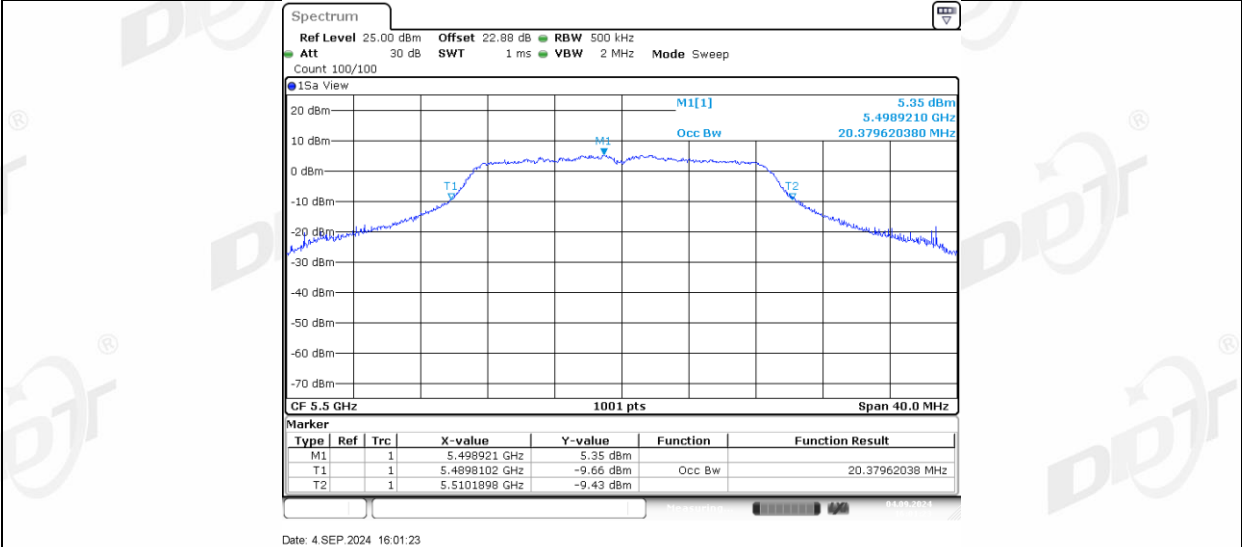
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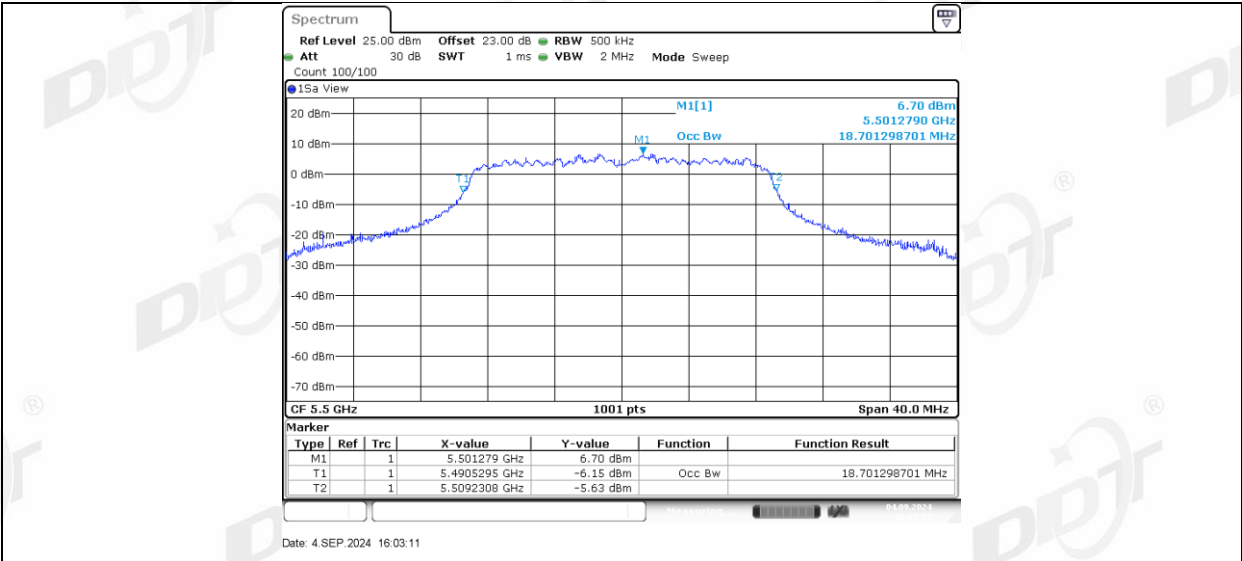
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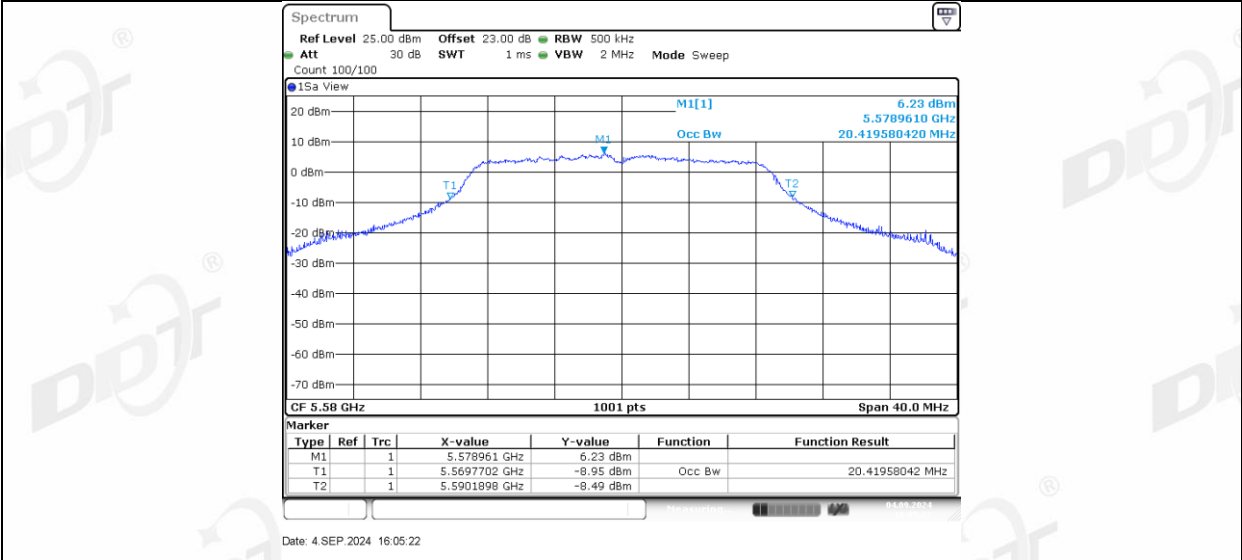
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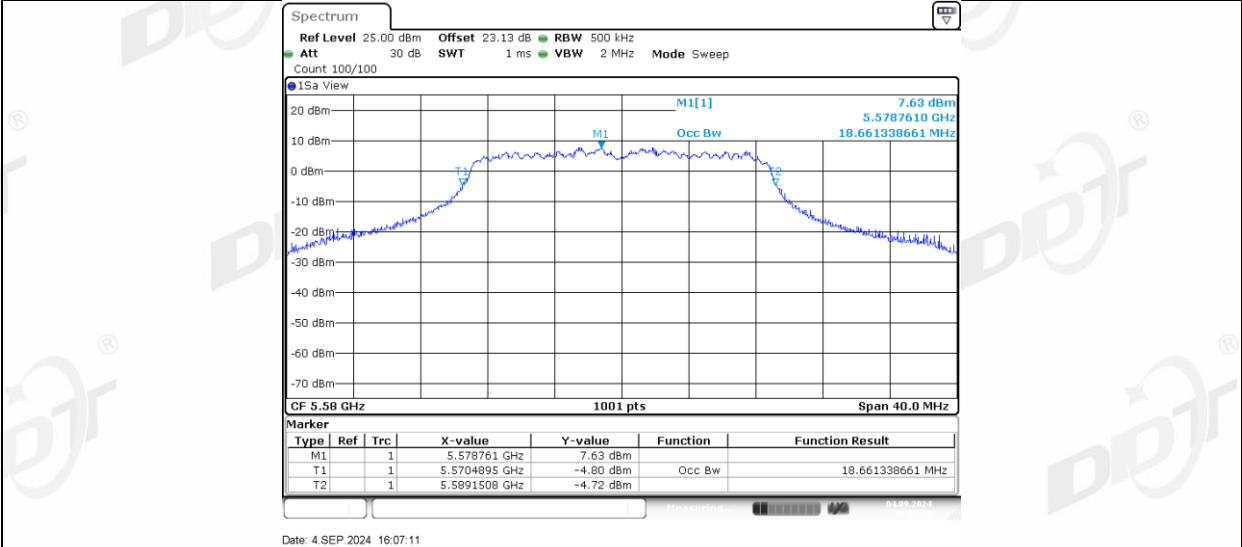
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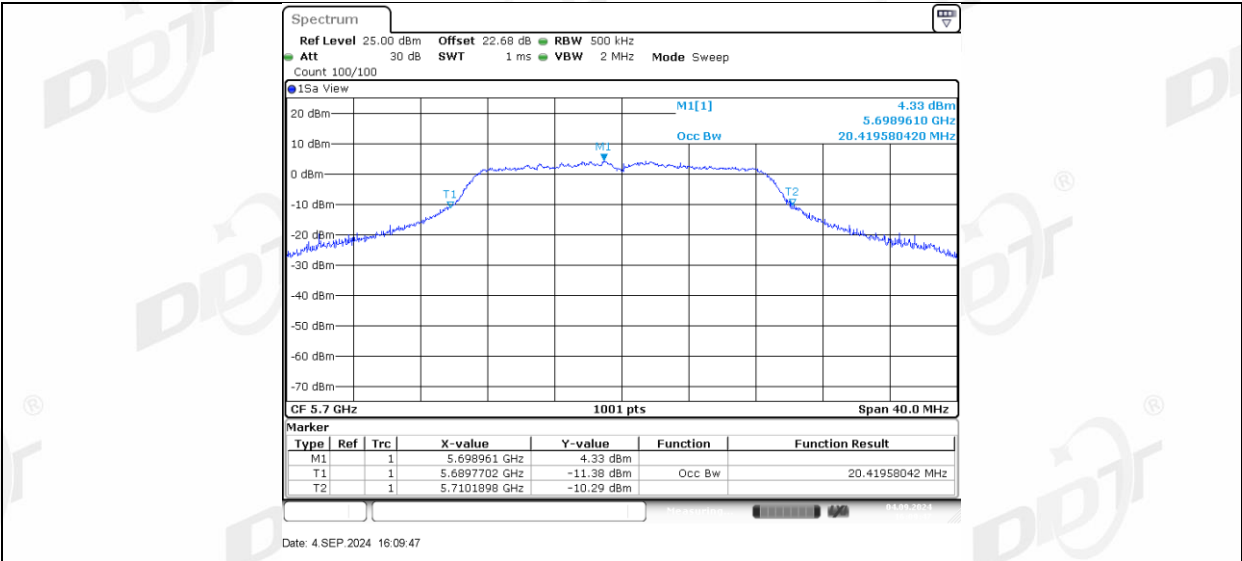
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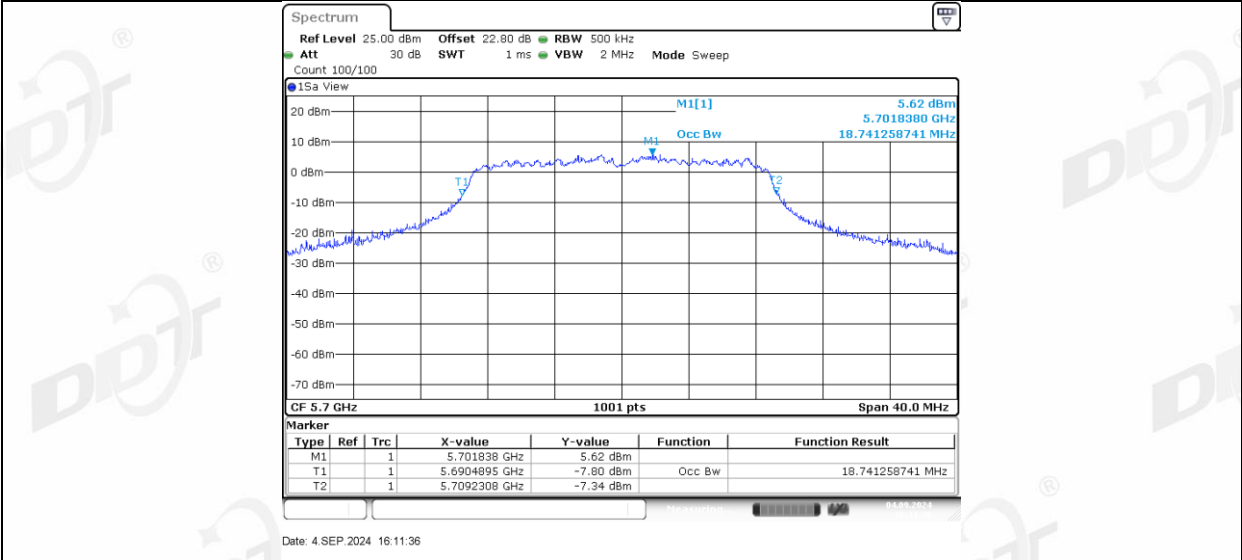
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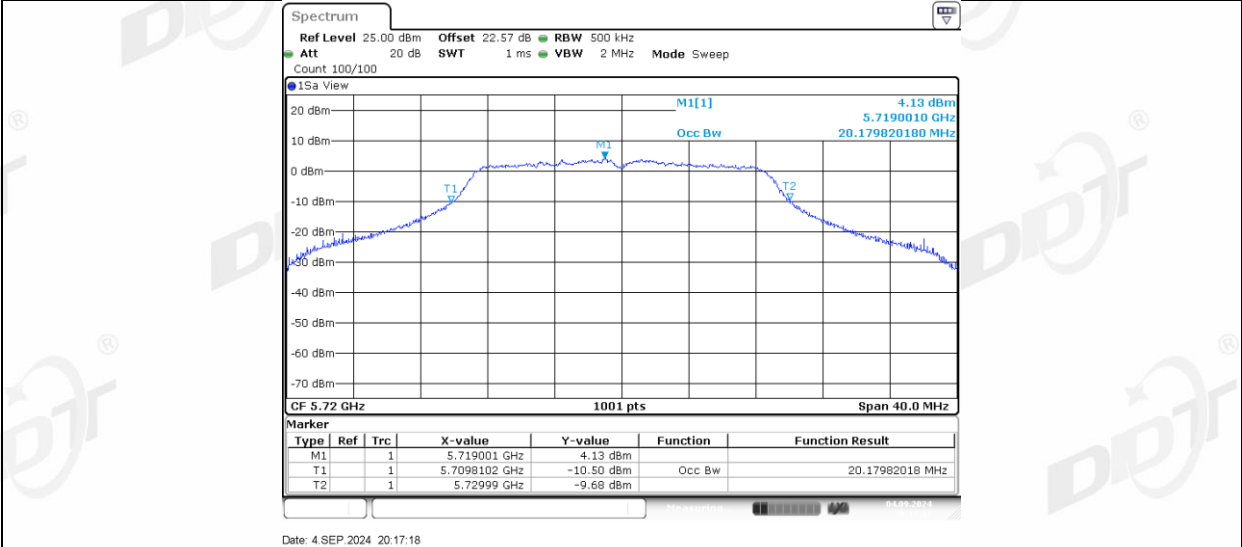
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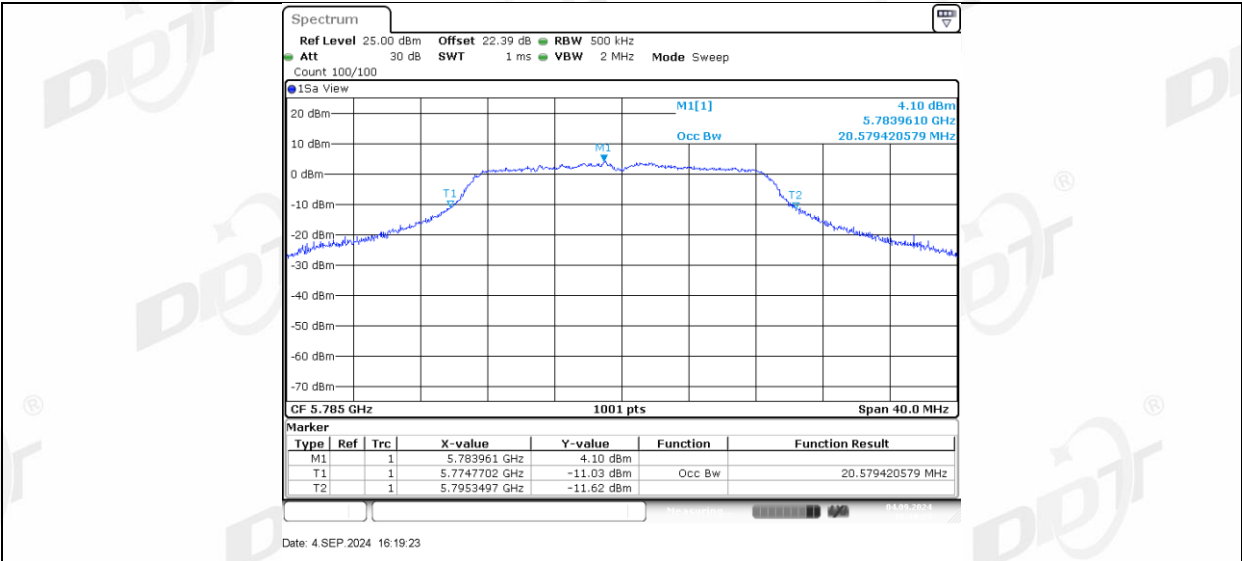


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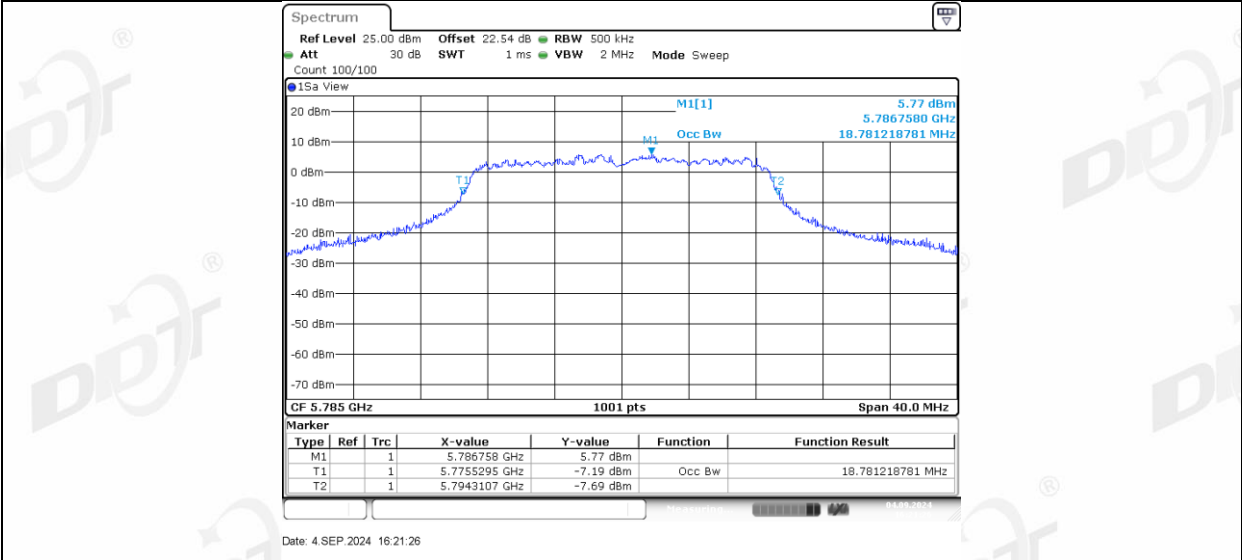


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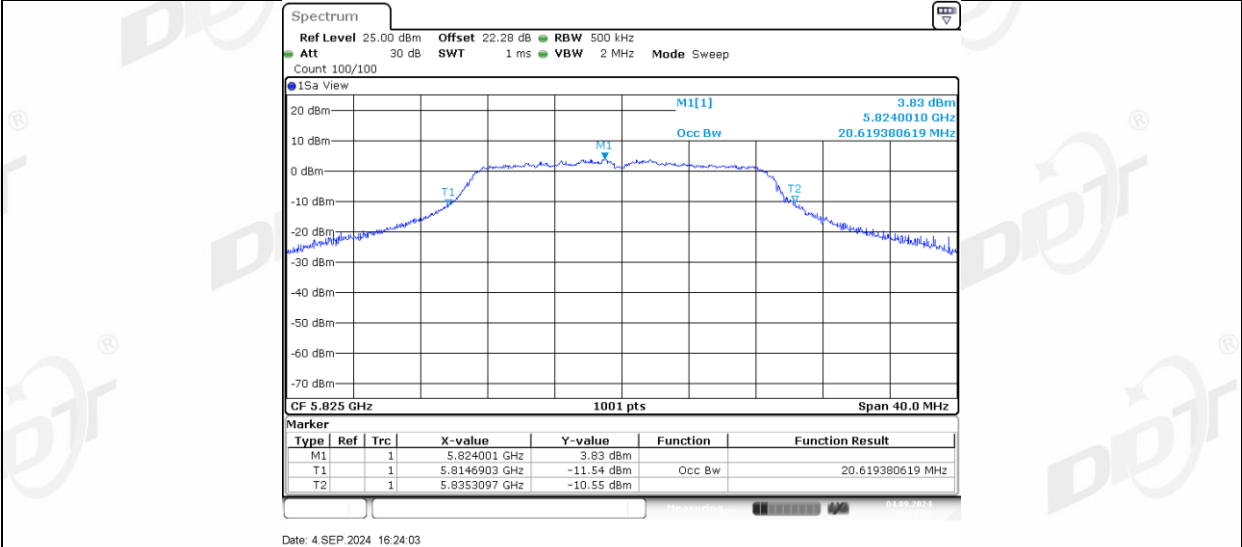




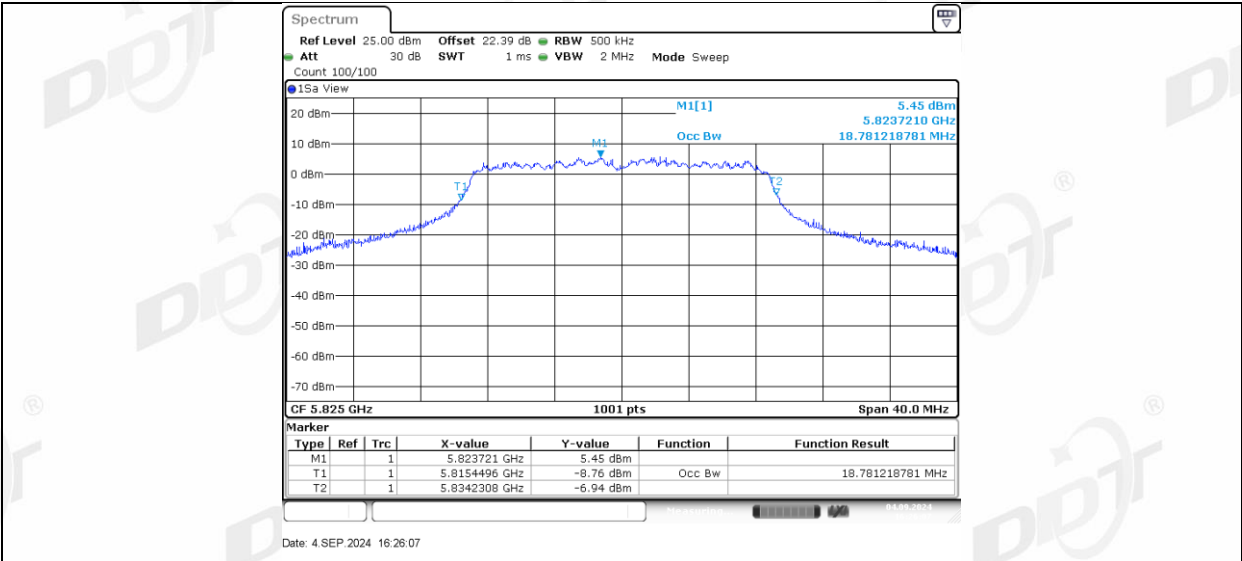
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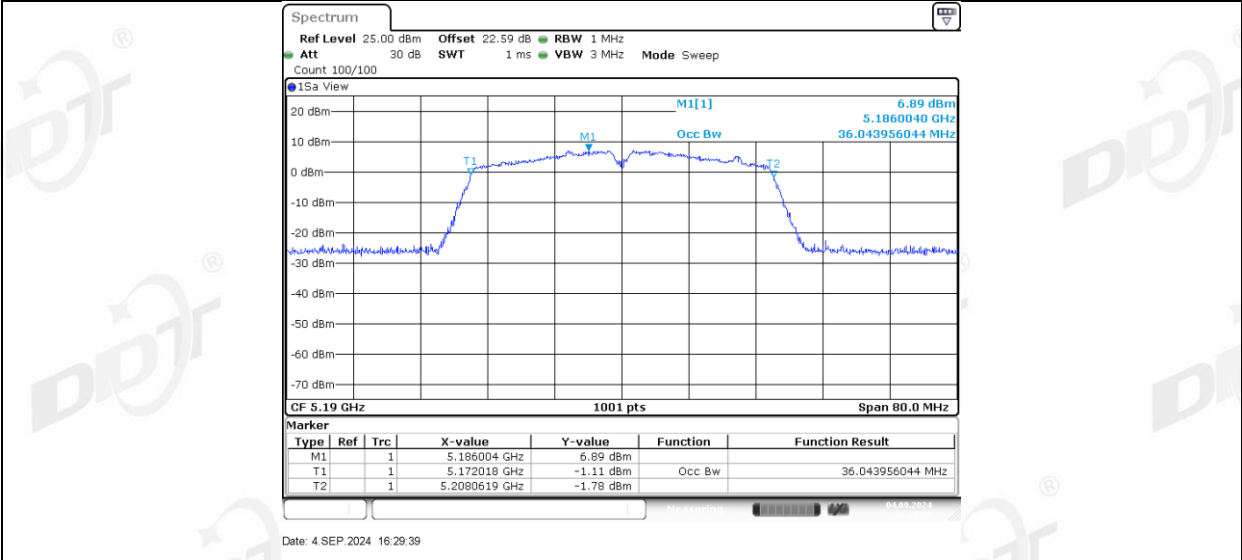
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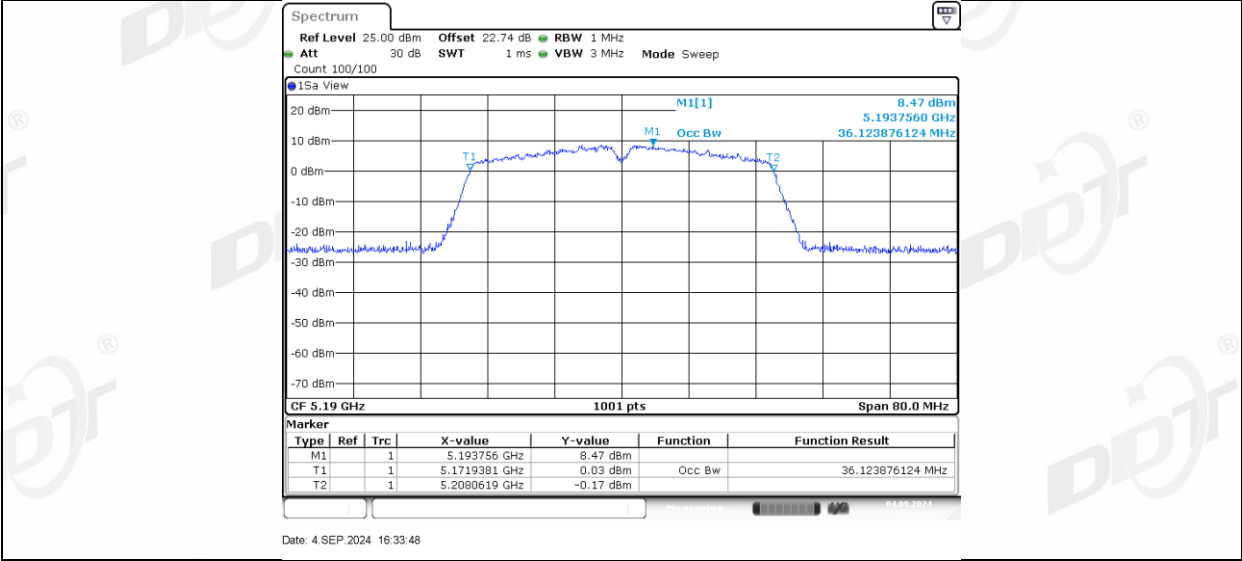
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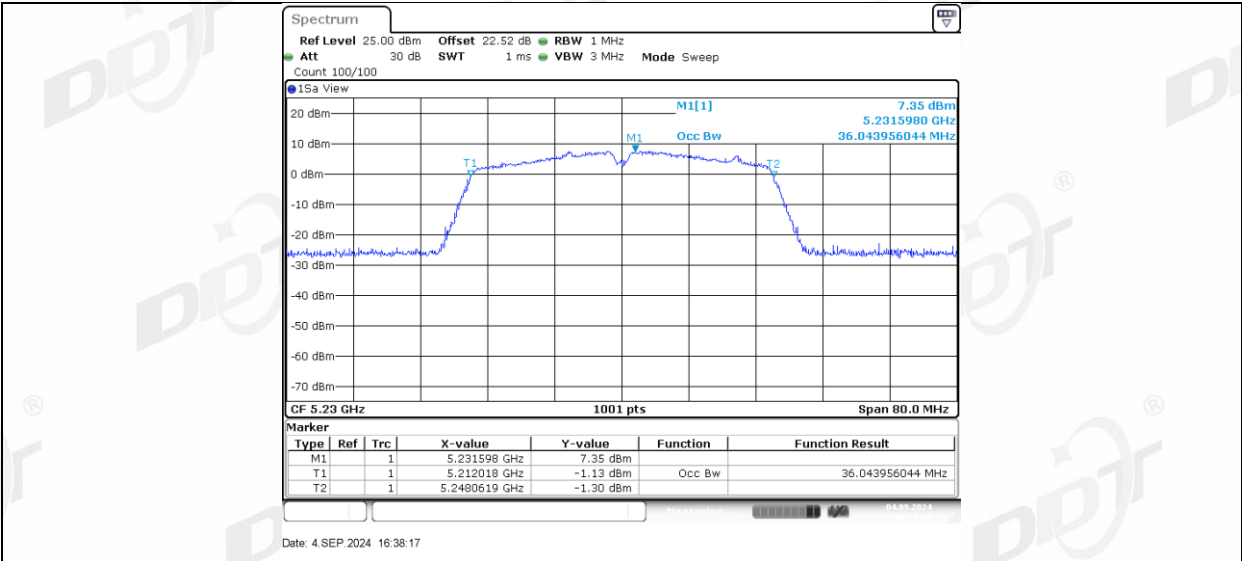
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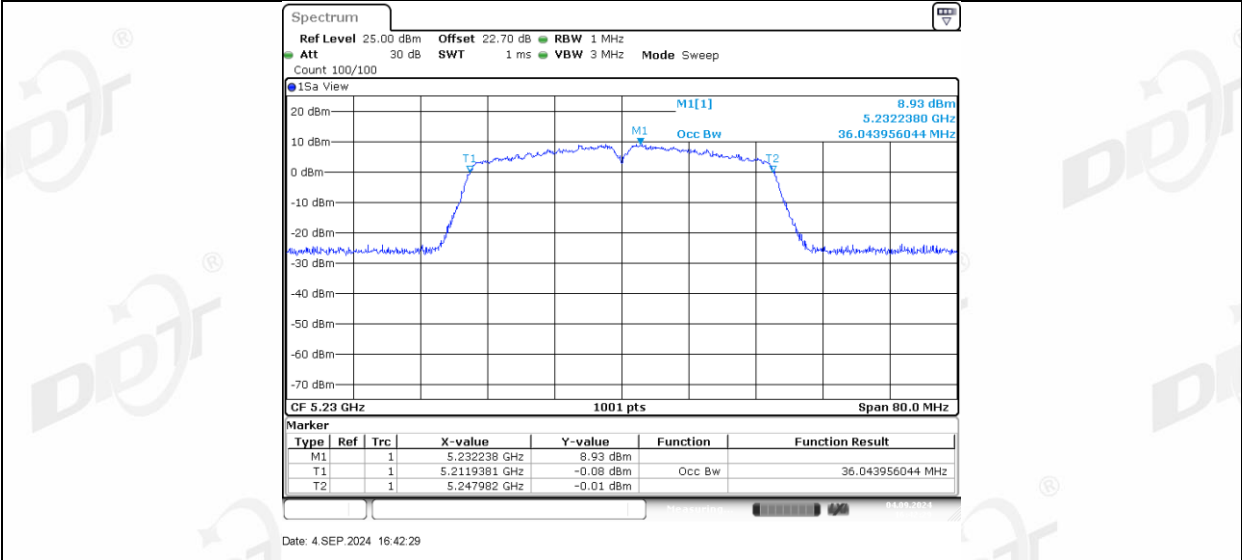
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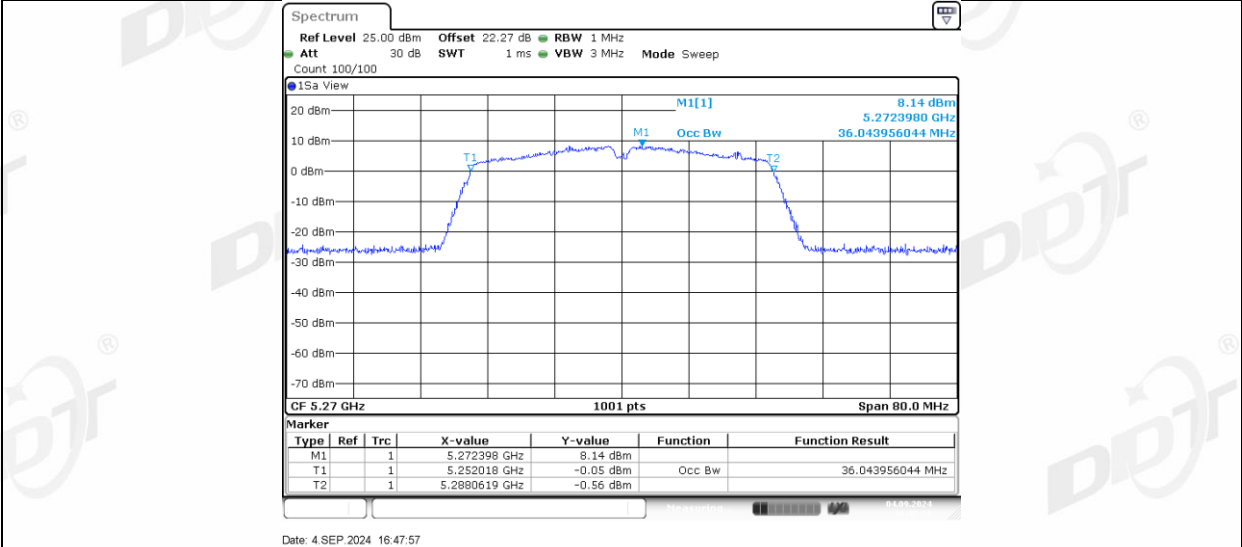
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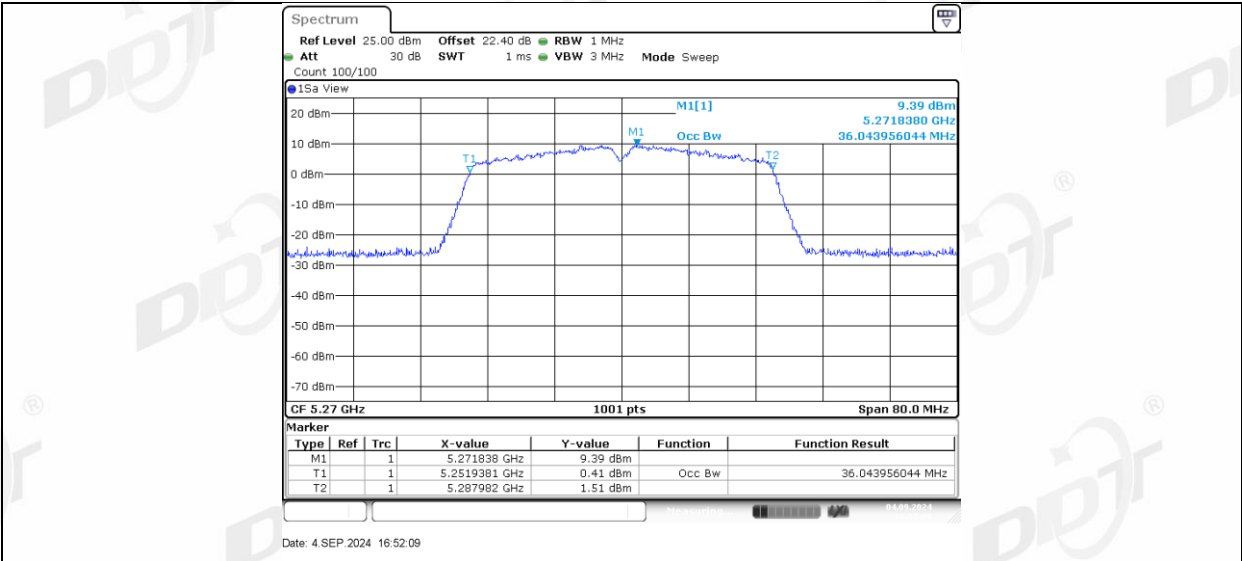
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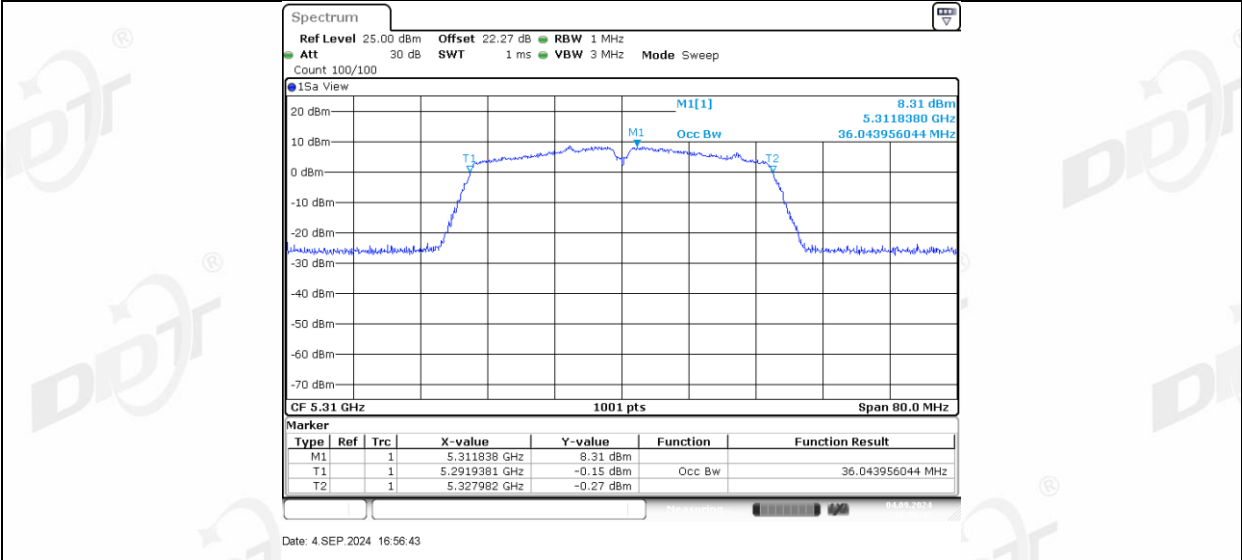
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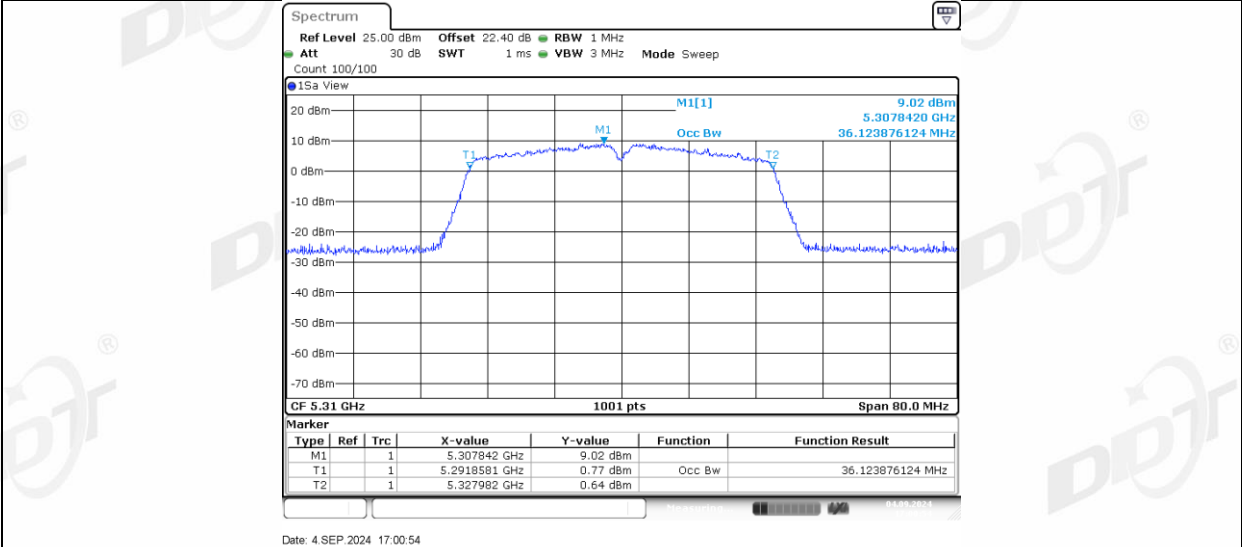
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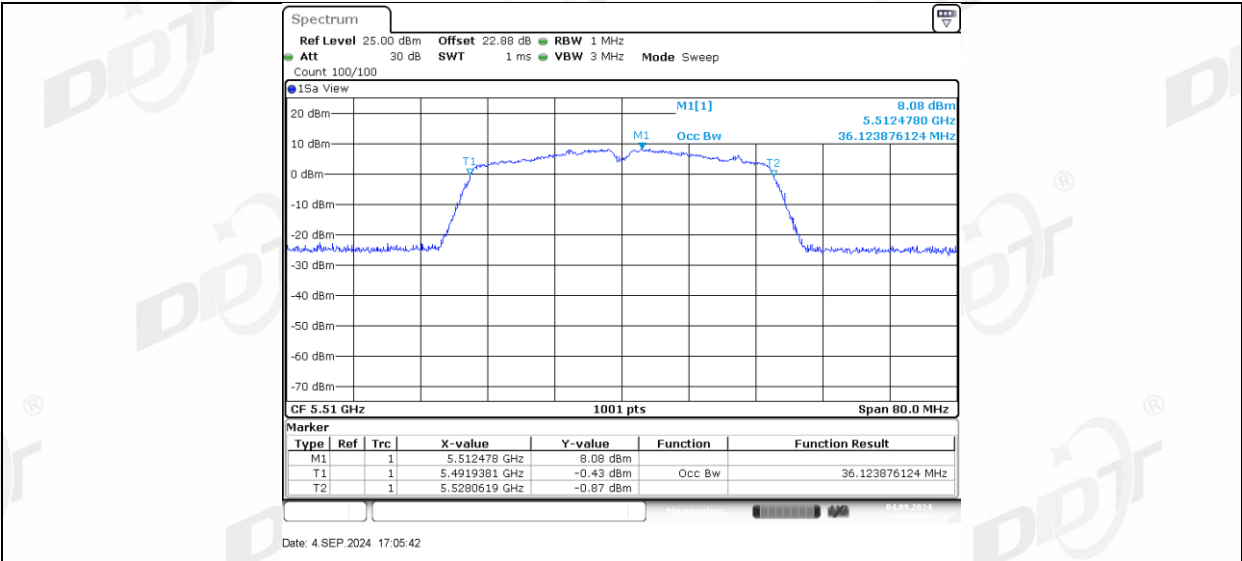
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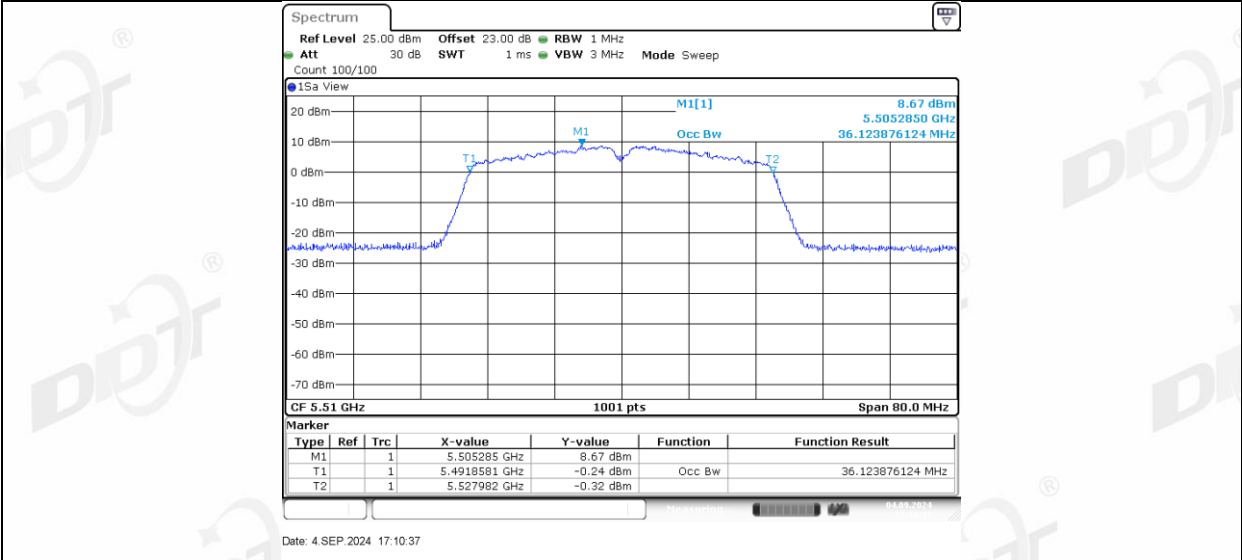
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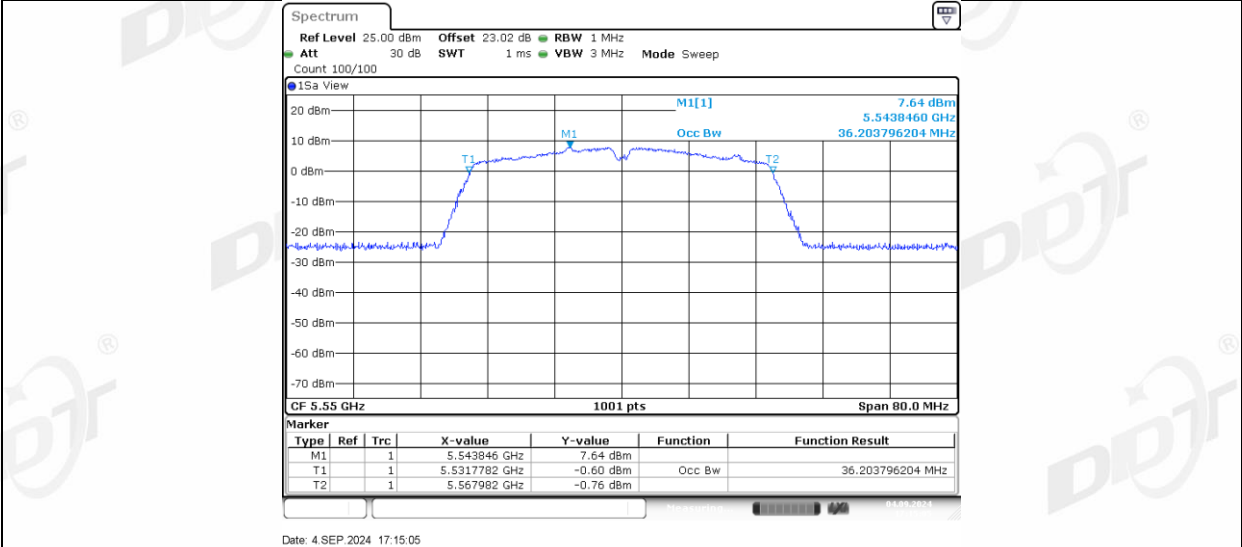
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11N40MIMO_Ant2_5510



11N40MIMO_Ant1_5550



11N40MIMO_Ant2_5550