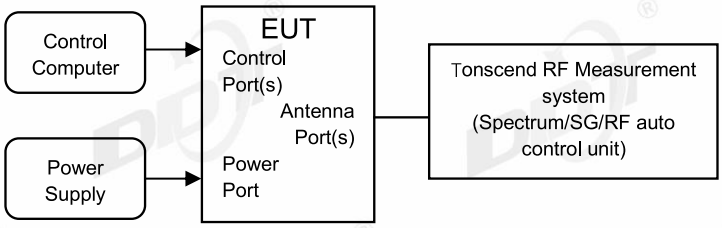
6. 99% Bandwidth

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:	Haofeng	Test Site:	RF Measurement System 4#
Ambient Condition:	26.9℃,45.5%RH	Test Date:	2024.08.06-2024.08.08
Test Power Supply:	DC 5V	Sample Number:	S24071734-003

Test Mode	Antenna	Frequency[MHz]	OCB [MHz]	FL[MHz]	FH[MHz]	Limit[MHz]	Verdict
11A	Ant1	5180	17.499	5171.1746	5188.6731	---	---
		5200	17.438	5191.1860	5208.6237	---	---
		5240	17.508	5231.1247	5248.6329	---	---
		5260	17.506	5251.1817	5268.6874	---	---
		5280	17.495	5271.1331	5288.6285	---	---
		5320	17.631	5311.0779	5328.7087	---	---
		5500	17.58	5491.1476	5508.7276	---	---
		5580	17.618	5571.1250	5588.7429	---	---
		5700	17.586	5691.1965	5708.7825	---	---
		5720	17.546	5711.1918	5728.7375	---	---
		5720_UNII-2C	13.808	5711.1918	5725	---	---
		5720_UNII-3	3.738	5725	5728.7375	---	---
		5745	17.743	5736.0436	5753.7870	---	---
		5785	17.687	5776.0954	5793.7823	---	---
		5825	17.687	5816.0394	5833.7261	---	---
11N20SISO	Ant1	5180	18.431	5170.7563	5189.1870	---	---
		5200	18.403	5190.7587	5209.1613	---	---
		5240	18.411	5230.7135	5249.1249	---	---
		5260	18.411	5250.7432	5269.1546	---	---
		5280	18.382	5270.7593	5289.1413	---	---
		5320	18.453	5310.7128	5329.1660	---	---
		5500	18.405	5490.7622	5509.1671	---	---
		5580	18.433	5570.7508	5589.1840	---	---
		5700	18.437	5690.8059	5709.2432	---	---
		5720	18.386	5710.8435	5729.2297	---	---
		5720_UNII-2C	14.157	5710.8435	5725	---	---
		5720_UNII-3	4.23	5725	5729.2297	---	---
		5745	18.541	5735.7137	5754.2542	---	---
		5785	18.542	5775.7372	5794.2789	---	---
		5825	18.512	5815.7337	5834.2460	---	---
11N40SISO	Ant1	5190	36.294	5171.8082	5208.1021	---	---
		5230	36.408	5211.7108	5248.1185	---	---
		5270	36.271	5251.7731	5288.0441	---	---
		5310	36.338	5291.6996	5328.0377	---	---
		5510	36.368	5491.7900	5528.1577	---	---
		5550	36.315	5531.8177	5568.1325	---	---
		5670	36.354	5651.9026	5688.2562	---	---
		5710	36.361	5691.8872	5728.2485	---	---
		5710_UNII-2C	33.113	5691.8872	5725	---	---
		5710_UNII-3	3.248	5725	5728.2485	---	---
		5755	36.541	5736.8325	5773.3737	---	---
		5795	36.453	5776.8345	5813.2876	---	---
11AC20SISO	Ant1	5180	18.415	5170.7394	5189.1540	---	---
		5200	18.326	5190.7854	5209.1113	---	---
		5240	18.399	5230.7595	5249.1590	---	---
		5260	18.391	5250.7518	5269.1432	---	---
		5280	18.398	5270.7191	5289.1170	---	---
		5320	18.427	5310.7207	5329.1477	---	---
		5500	18.391	5490.7993	5509.1905	---	---
		5580	18.433	5570.7397	5589.1726	---	---
		5700	18.411	5690.7983	5709.2098	---	---
		5720	18.417	5710.8069	5729.2234	---	---
		5720_UNII-2C	14.193	5710.8069	5725	---	---
		5720_UNII-3	4.223	5725	5729.2234	---	---
		5745	18.518	5735.7042	5754.2218	---	---
		5785	18.531	5775.7092	5794.2404	---	---

		5825	18.511	5815.7200	5834.2313	---	---
11AC40SISO	Ant1	5190	36.342	5171.7627	5208.1049	---	---
		5230	36.4	5211.6893	5248.0894	---	---
		5270	36.269	5251.7815	5288.0509	---	---
		5310	36.337	5291.7157	5328.0526	---	---
		5510	36.311	5491.8287	5528.1396	---	---
		5550	36.399	5531.8069	5568.2059	---	---
		5670	36.345	5651.9039	5688.2492	---	---
		5710	36.36	5691.8716	5728.2314	---	---
		5710_UNII-2C	33.128	5691.8716	5725	---	---
		5710_UNII-3	3.231	5725	5728.2314	---	---
		5755	36.519	5736.8297	5773.3486	---	---
		5795	36.435	5776.8568	5813.2914	---	---
11AC80SISO	Ant1	5210	75.358	5172.1952	5247.5532	---	---
		5290	75.429	5252.0456	5327.4744	---	---
		5530	75.514	5492.2584	5567.7729	---	---
		5610	75.491	5572.4318	5647.9225	---	---
		5690	75.518	5652.5556	5728.0739	---	---
		5690_UNII-2C	72.444	5652.5556	5725	---	---
		5690_UNII-3	3.074	5725	5728.0739	---	---
		5775	75.722	5737.3986	5813.1206	---	---

6.5. Test graphs

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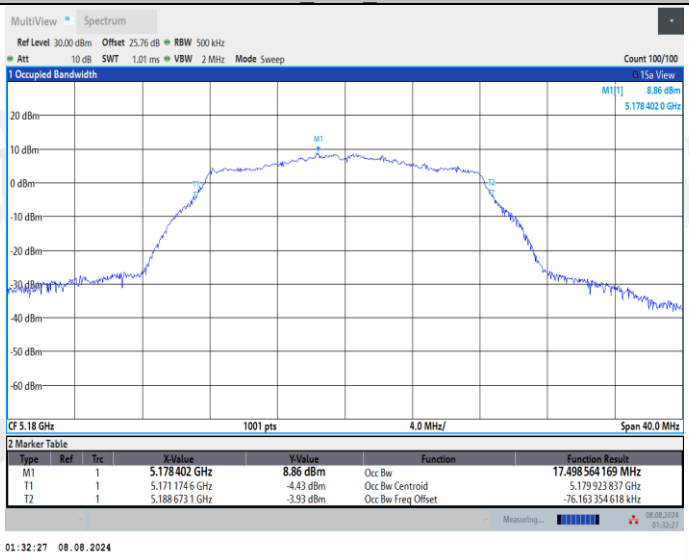

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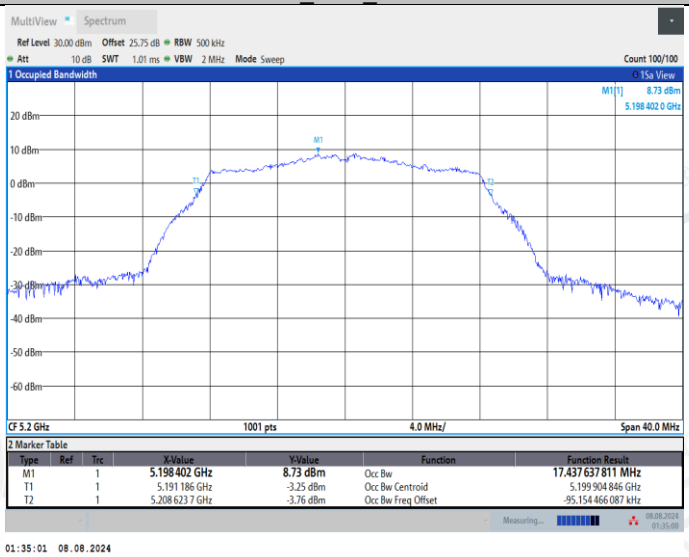

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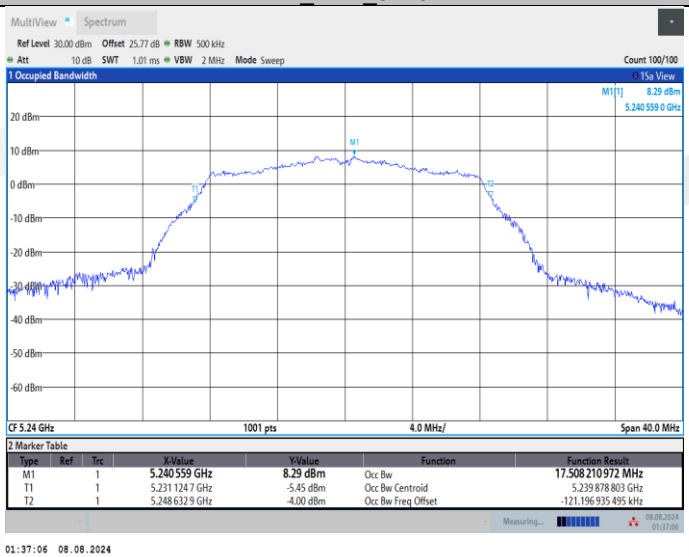

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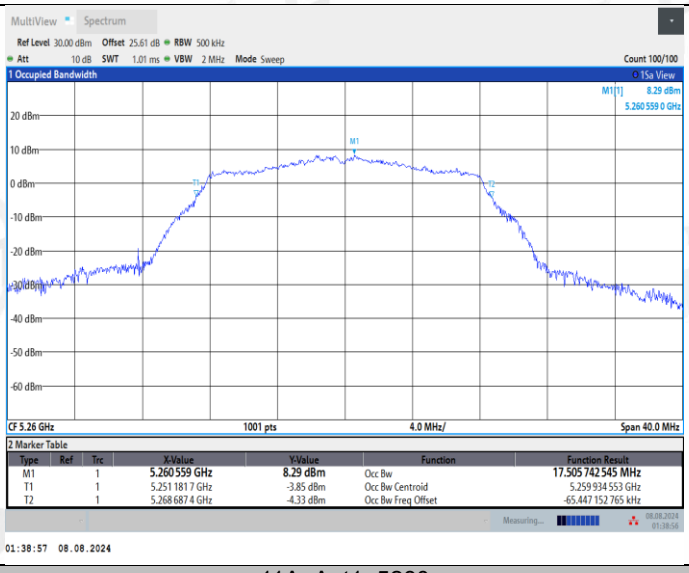

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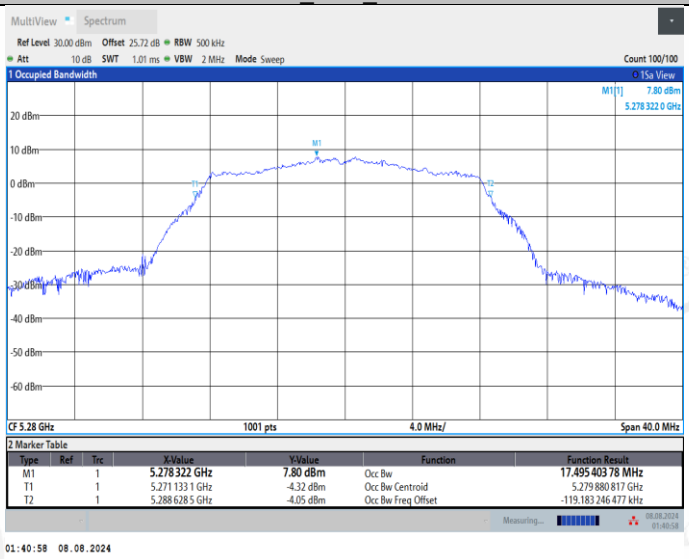

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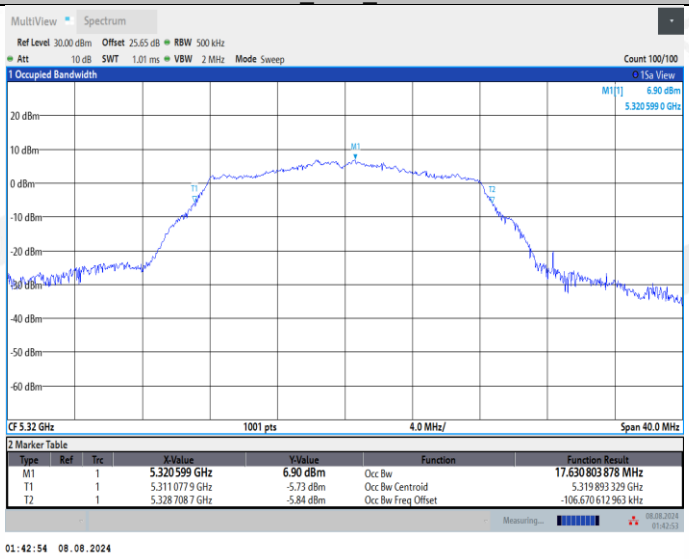

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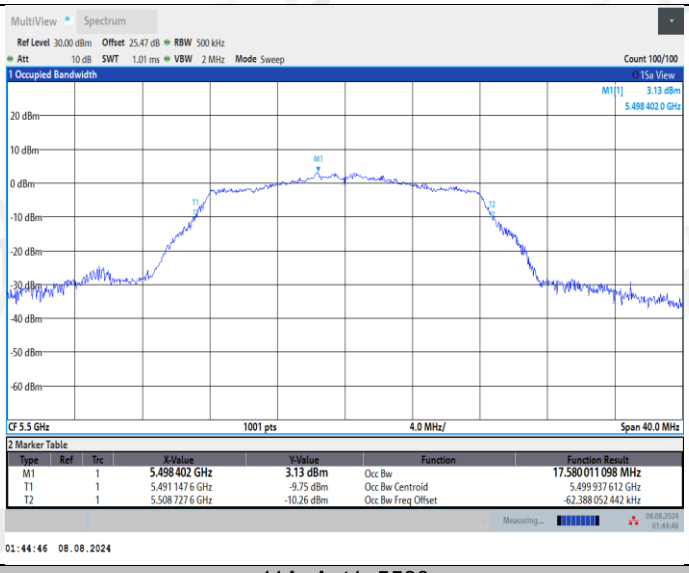

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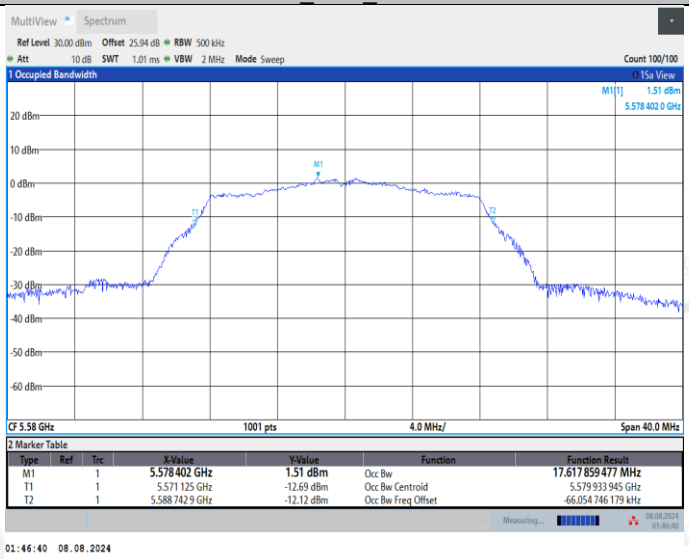

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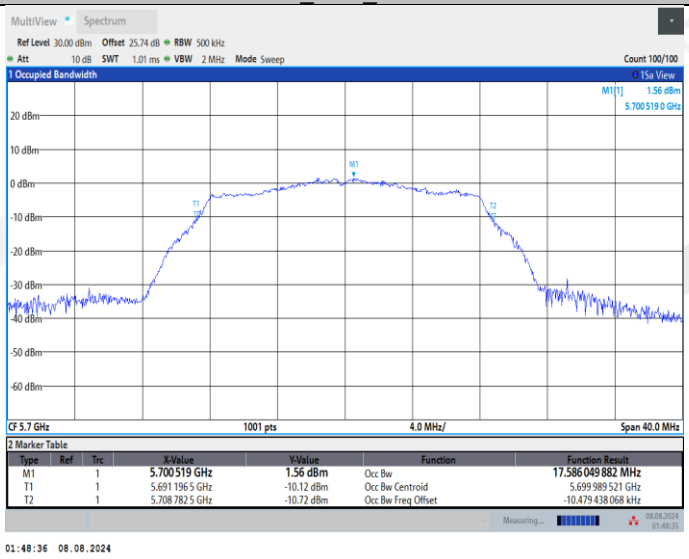

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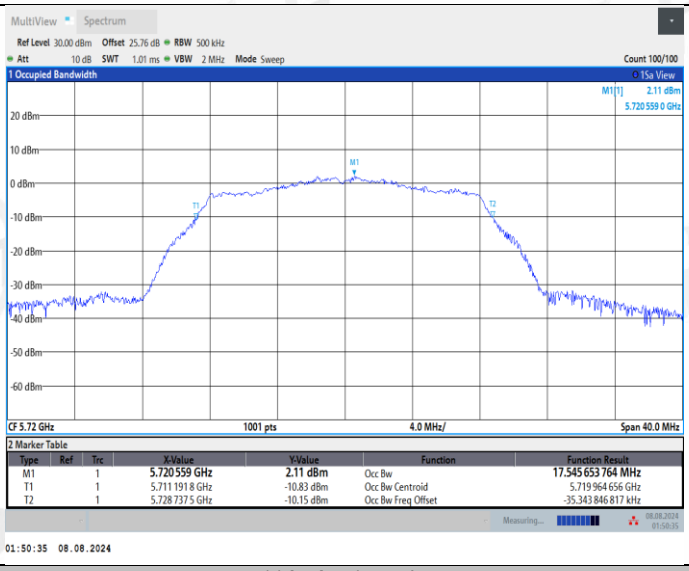

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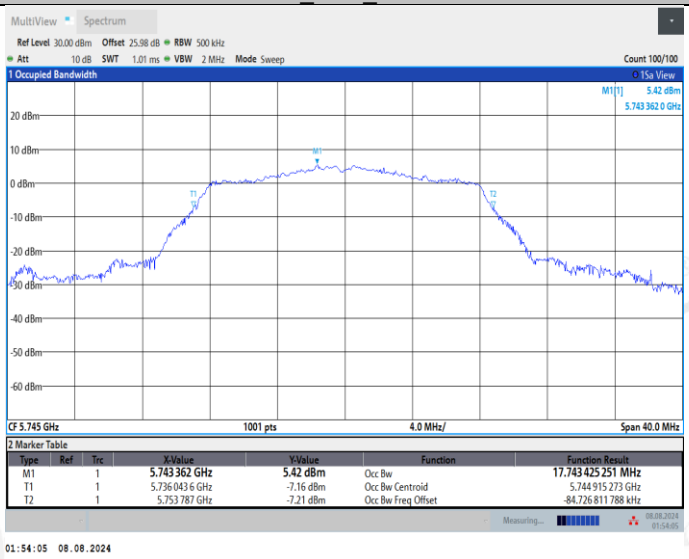

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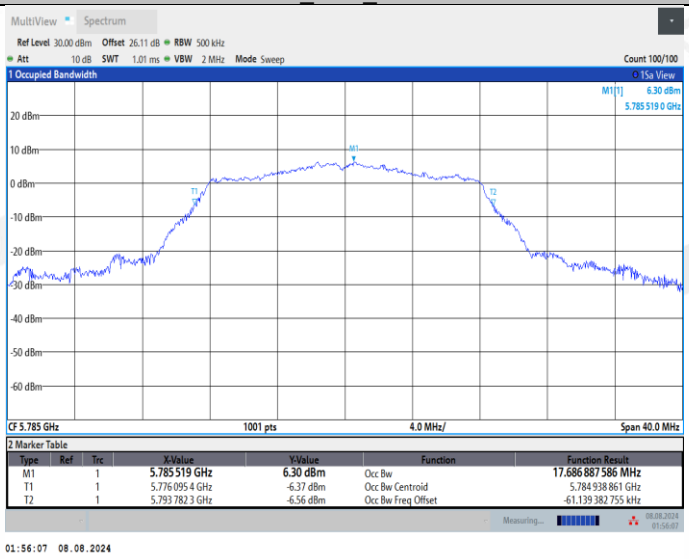

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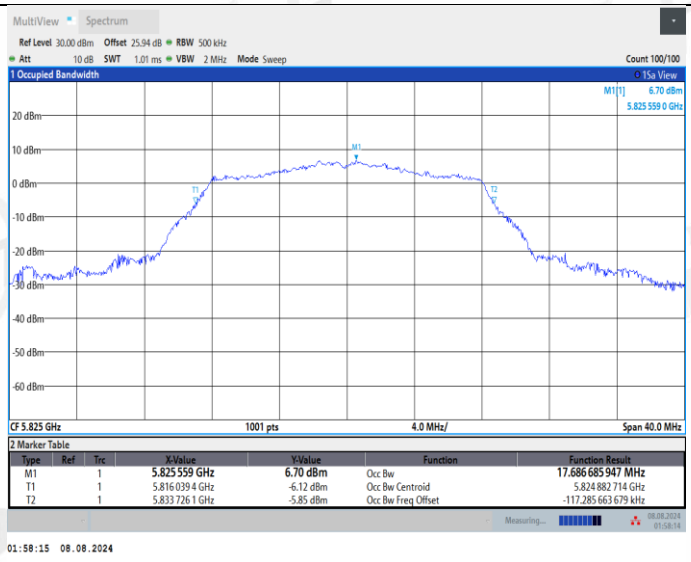

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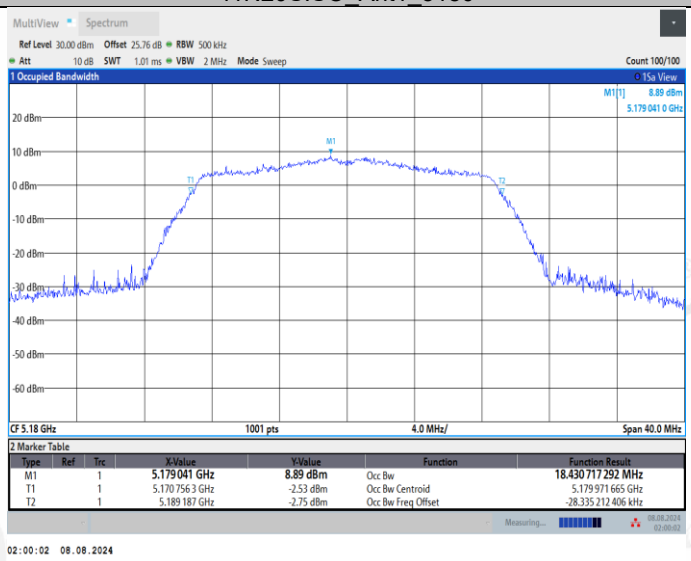

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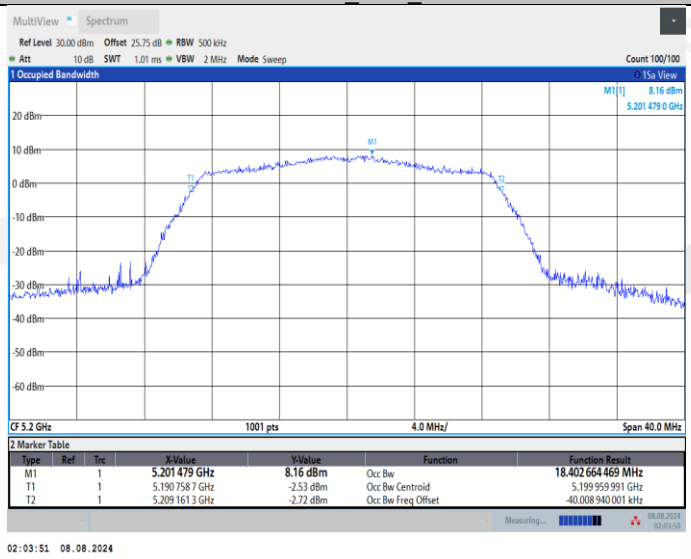

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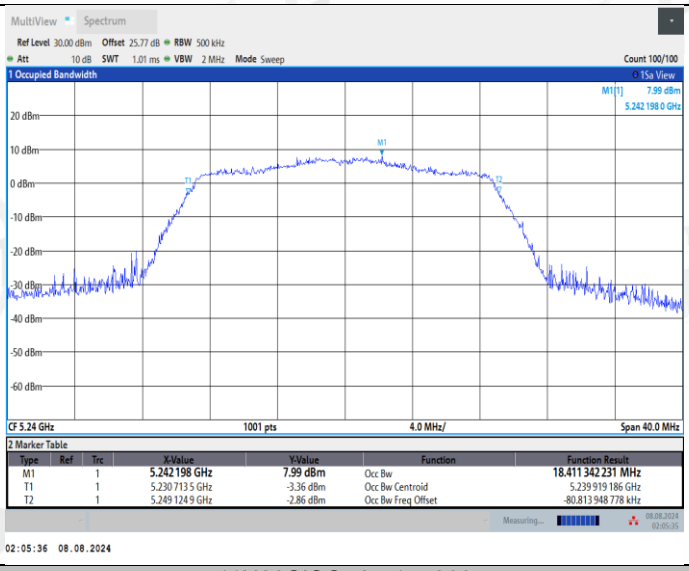

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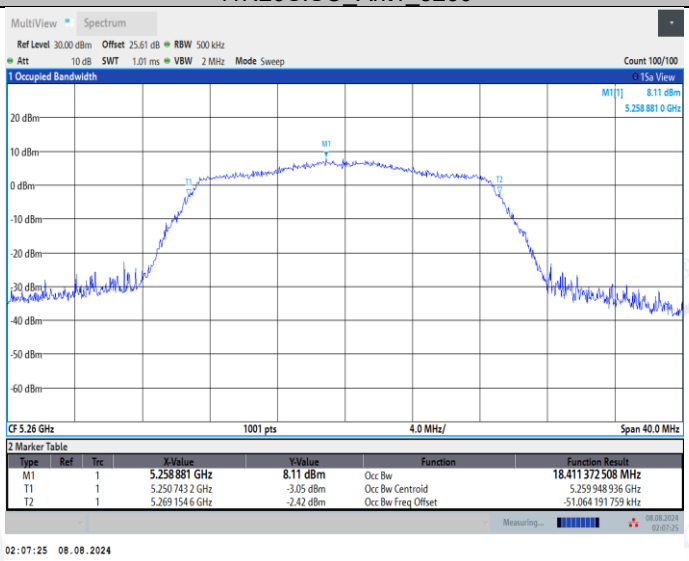

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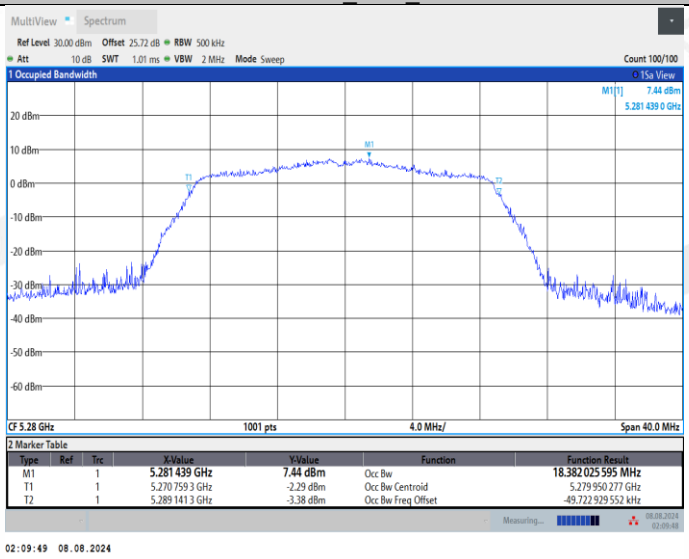

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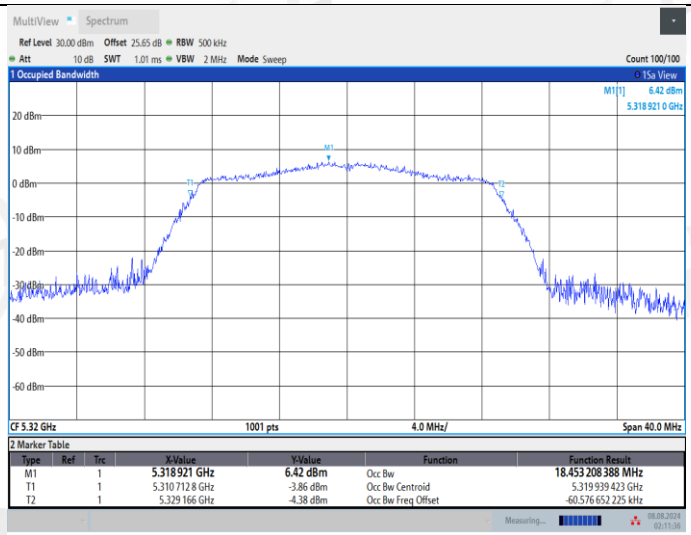

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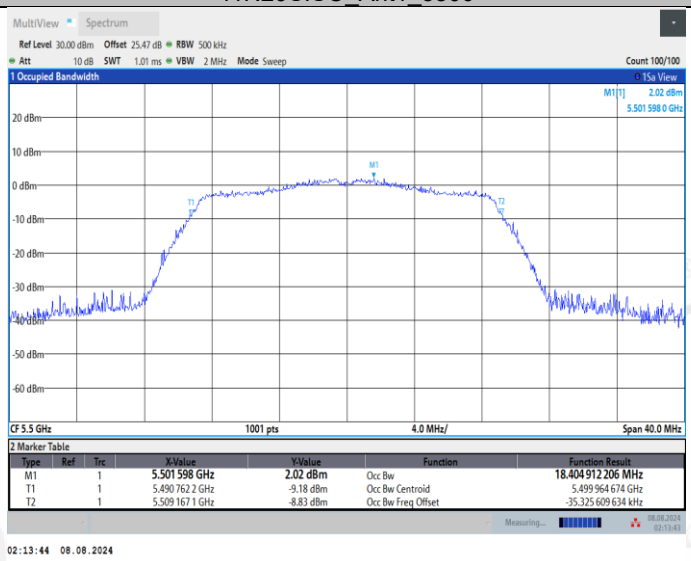

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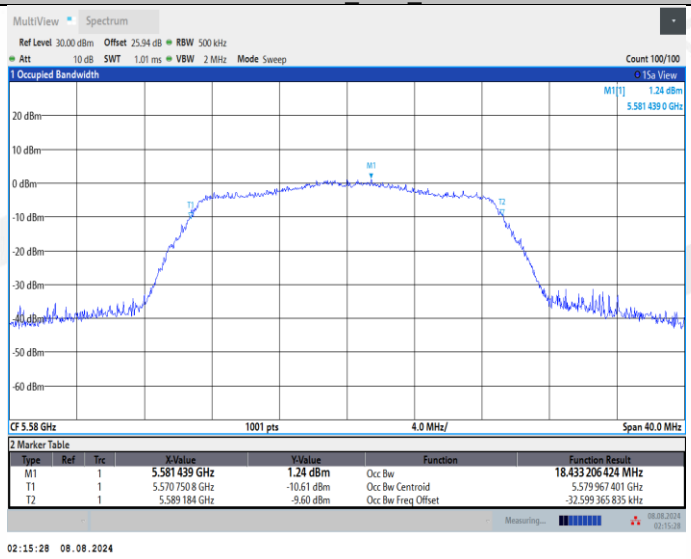

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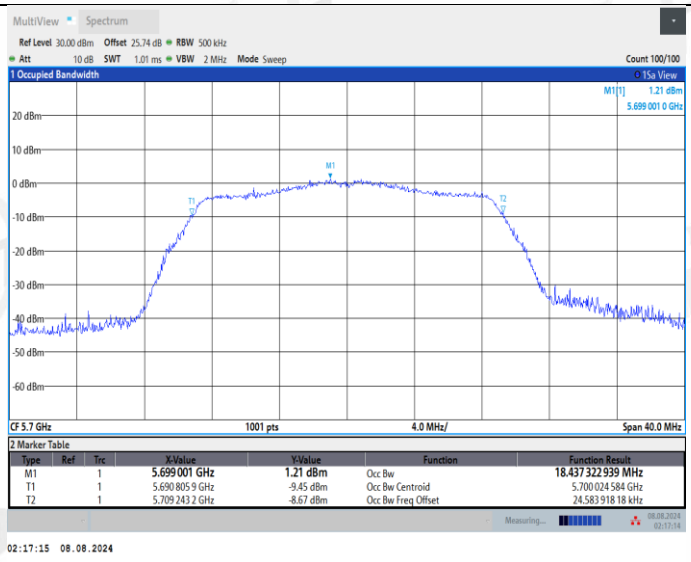

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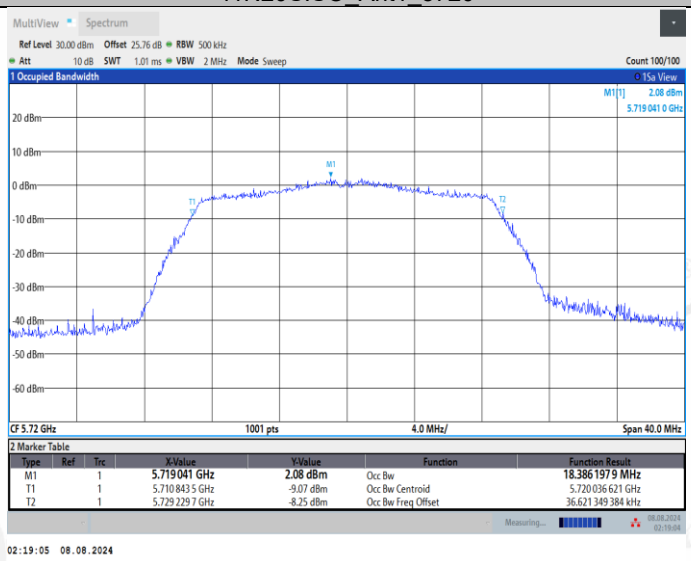

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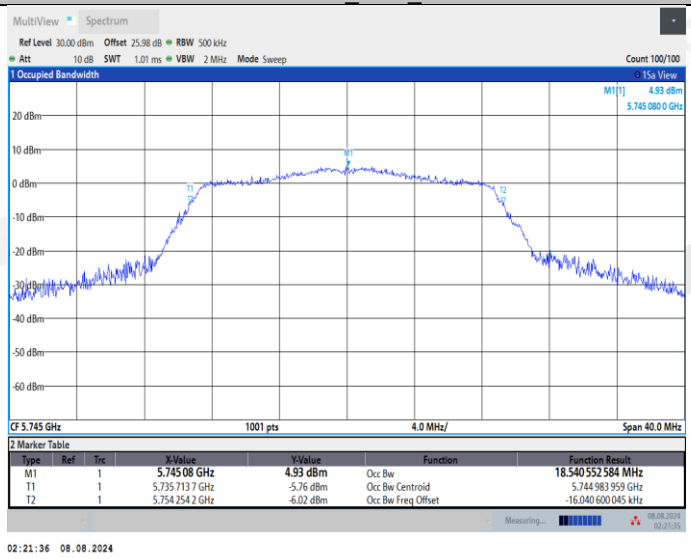

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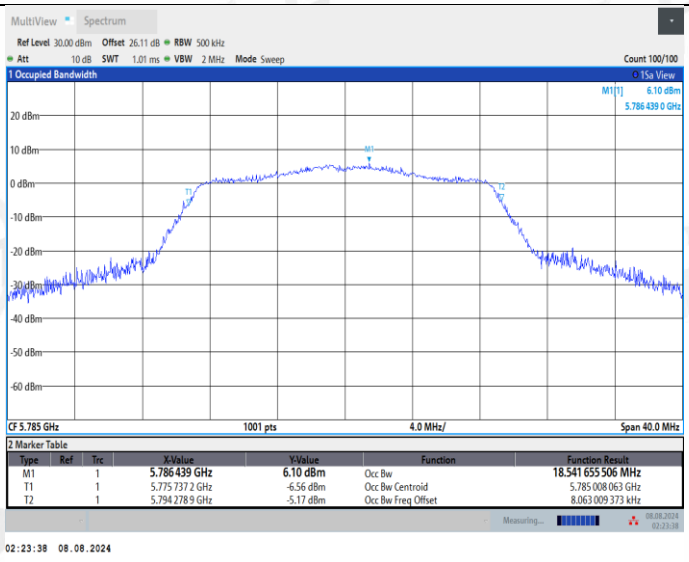

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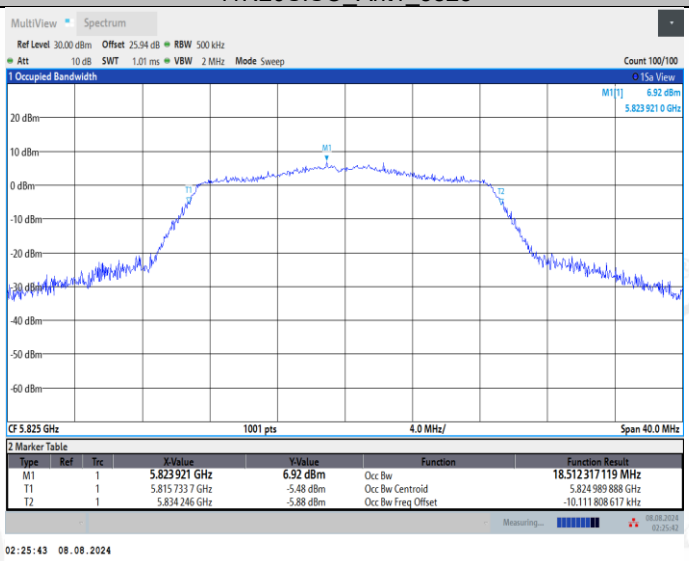

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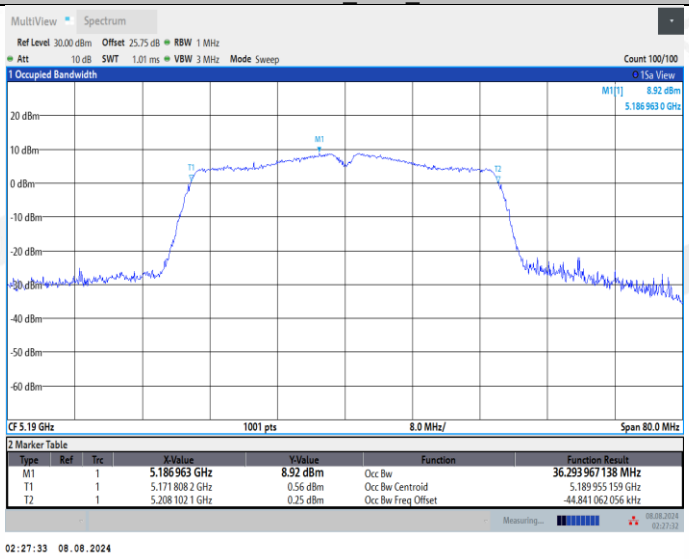

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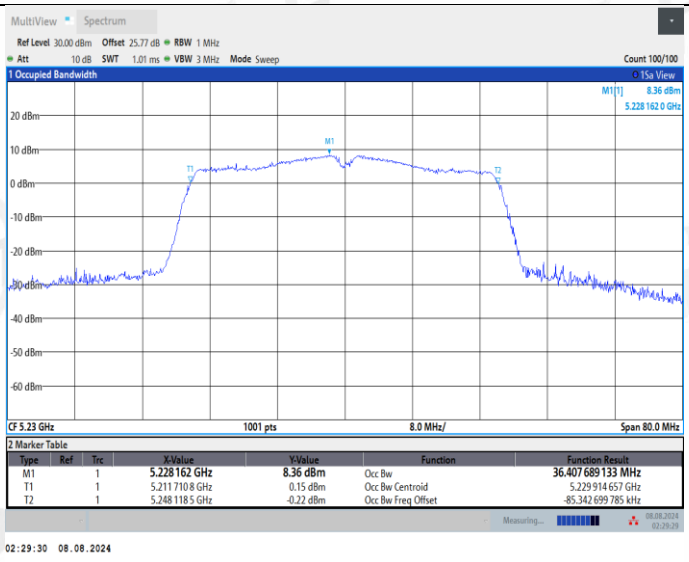

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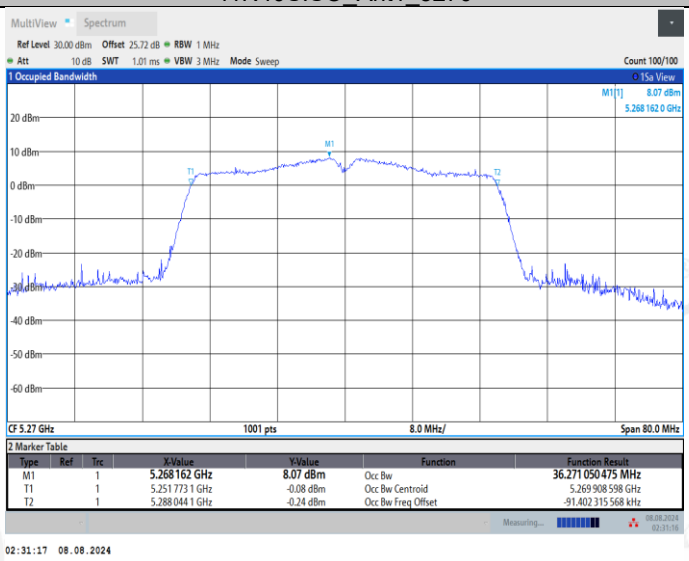

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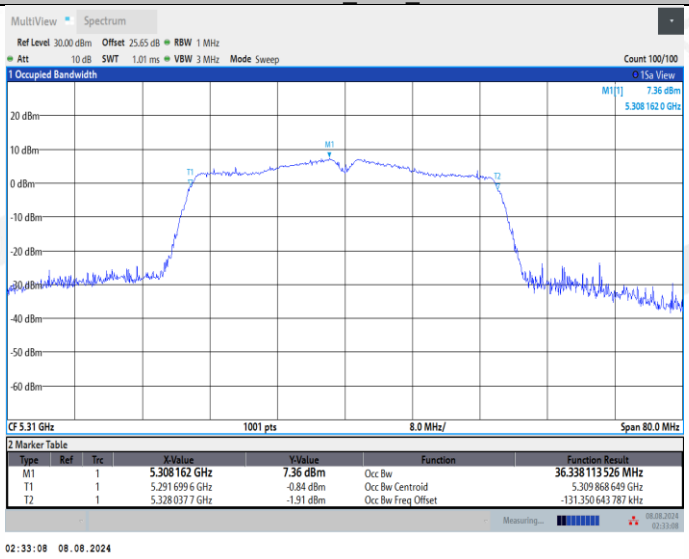

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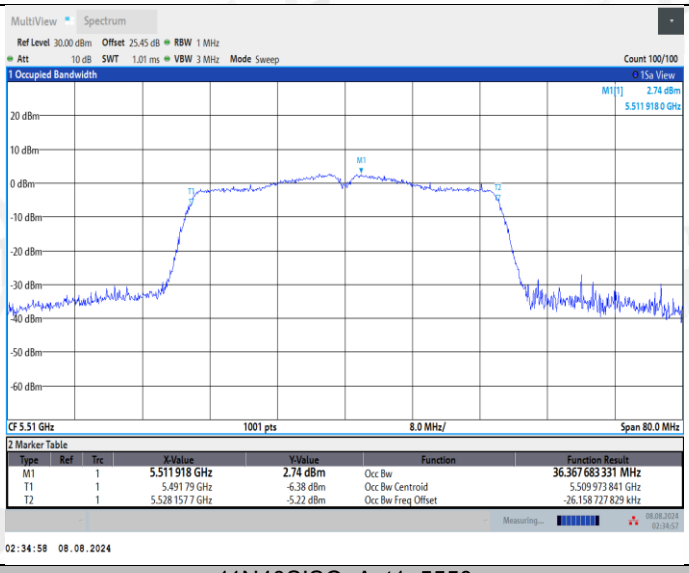

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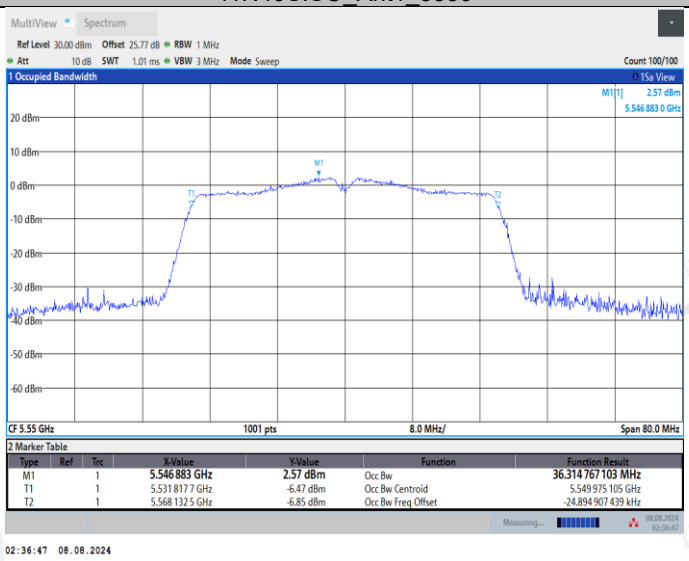

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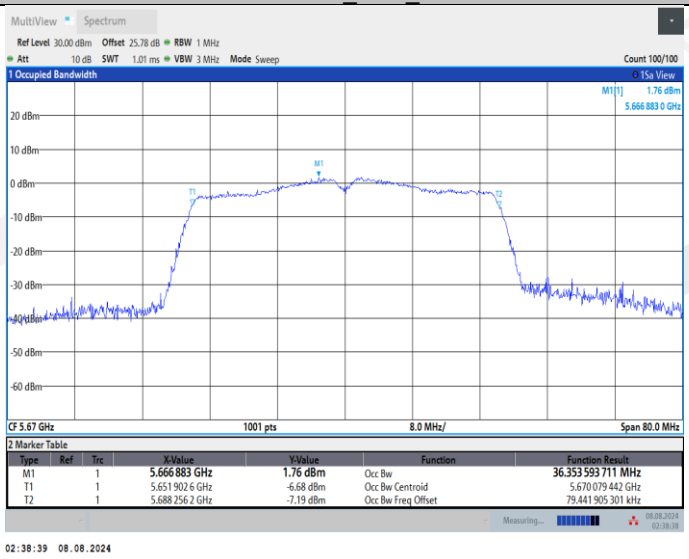

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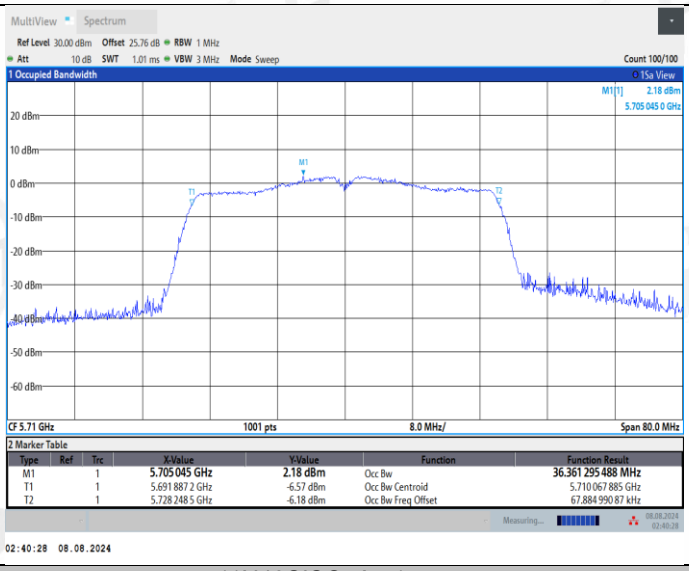

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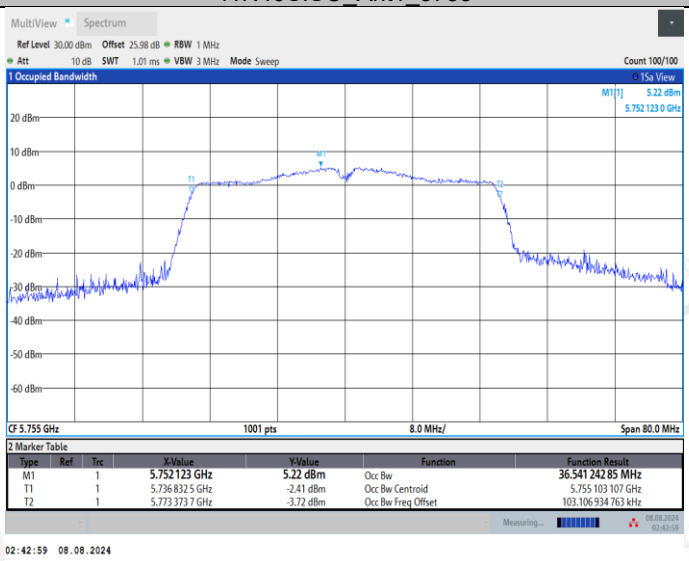

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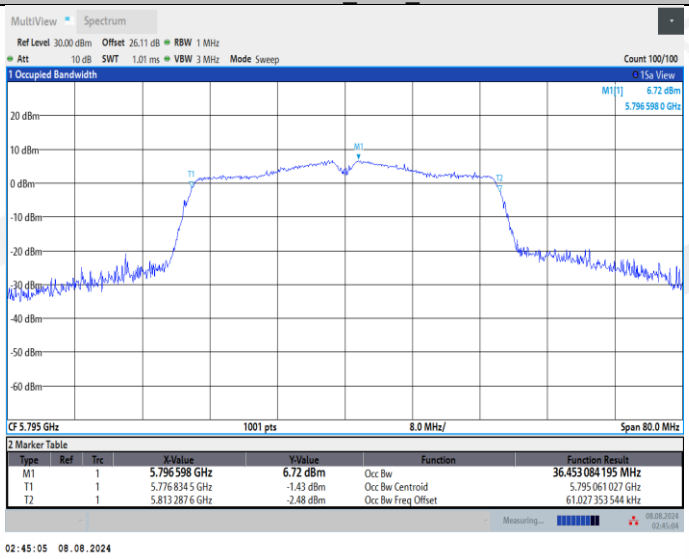

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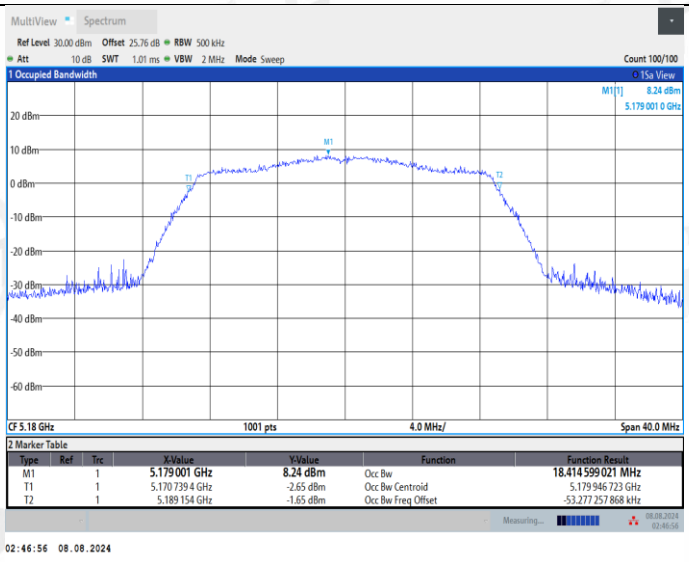
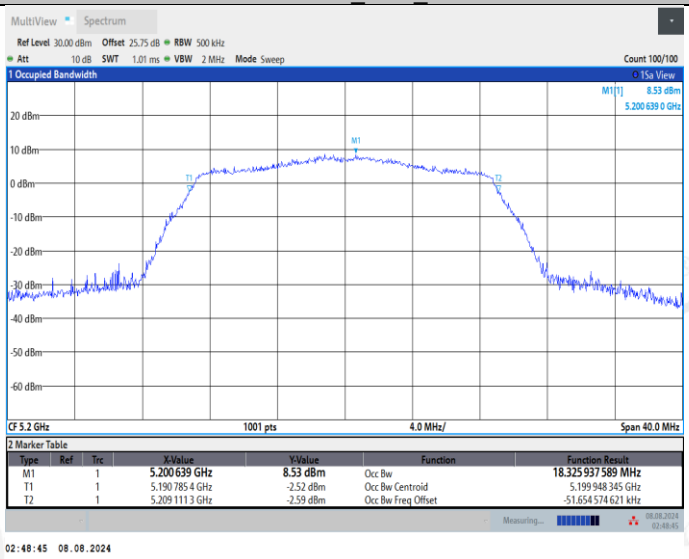


11AC20SISO_Ant1_5200



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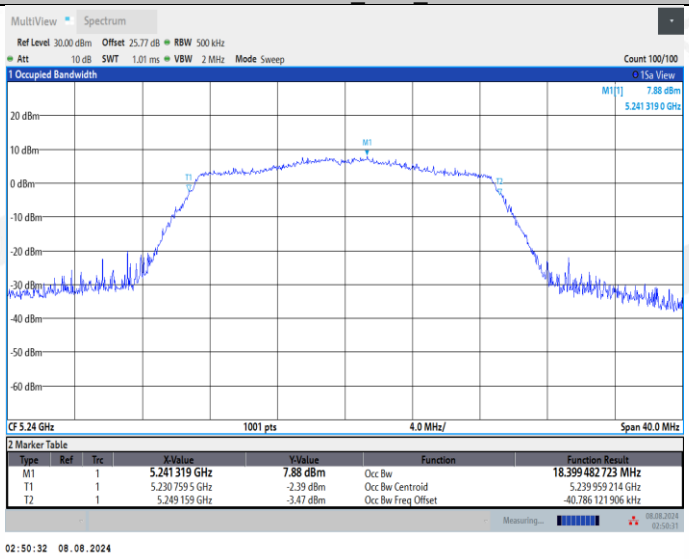

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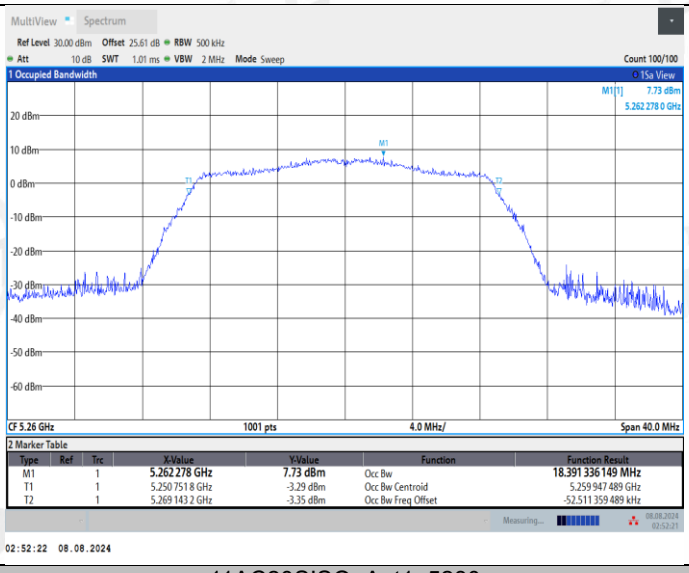

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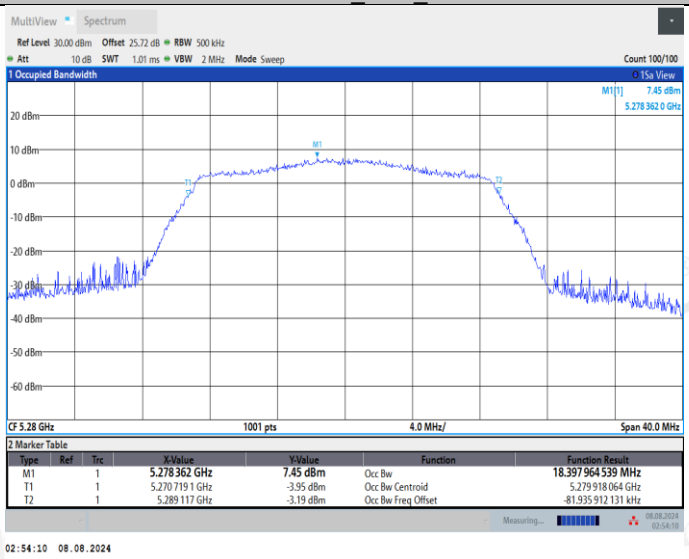

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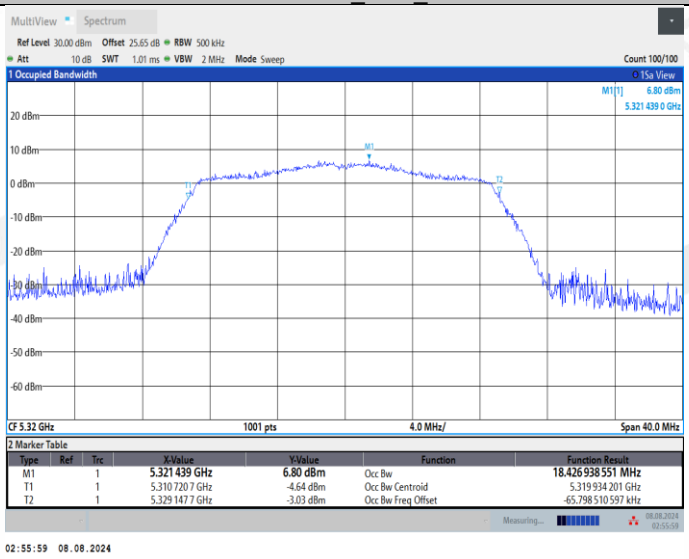

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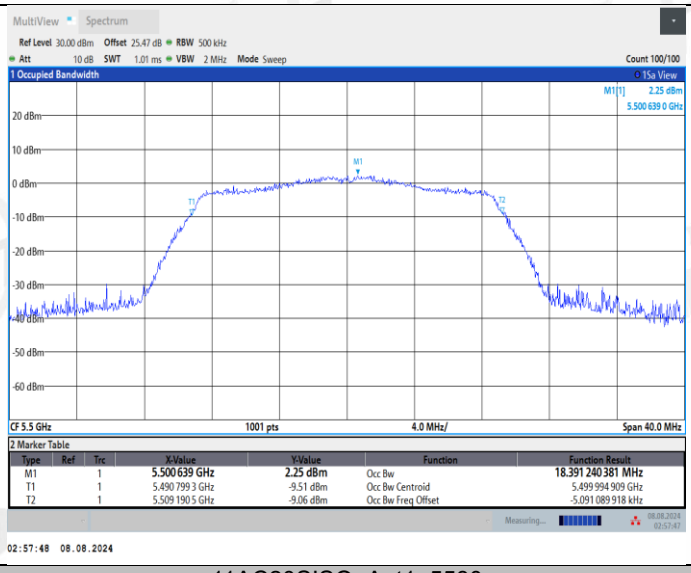

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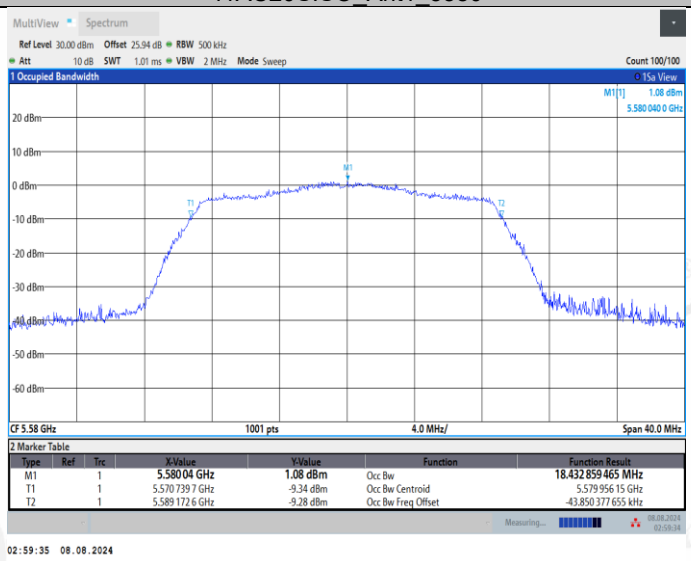

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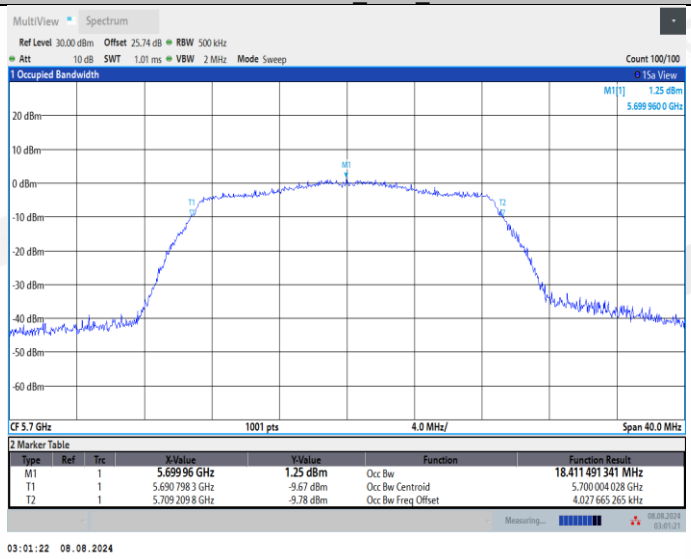

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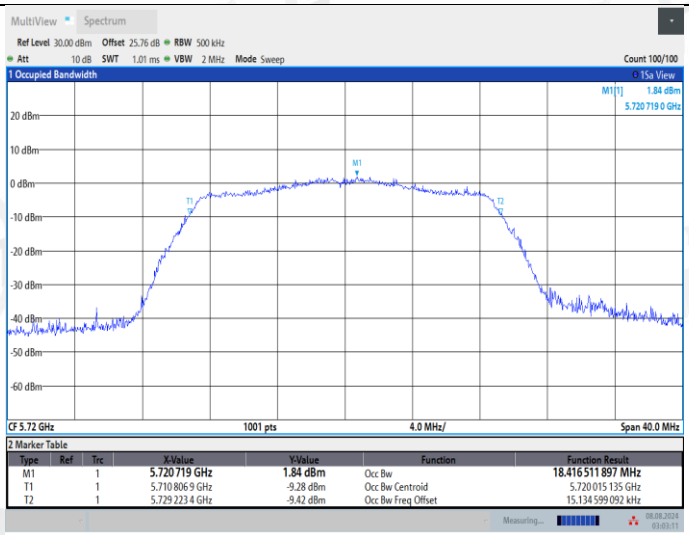

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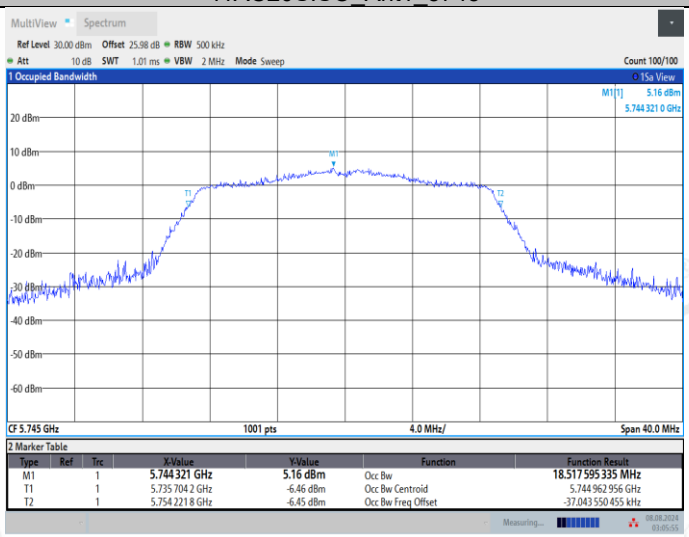

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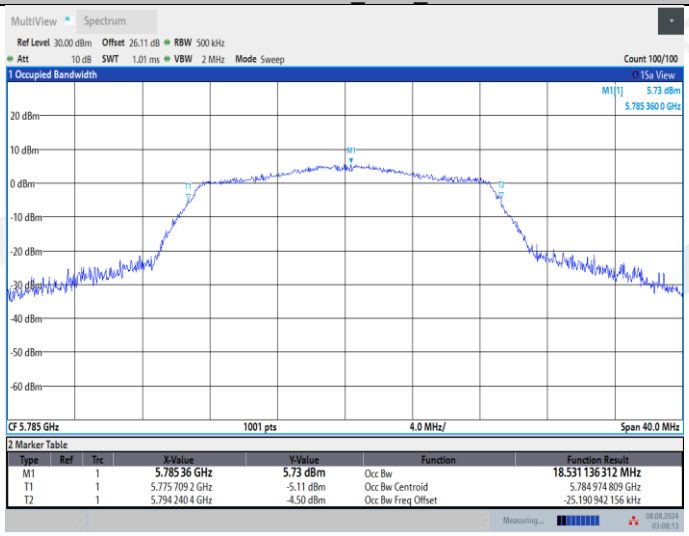

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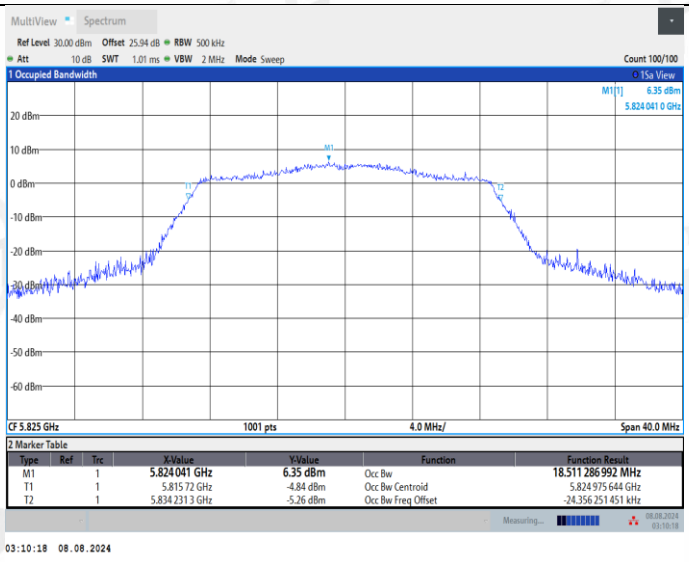

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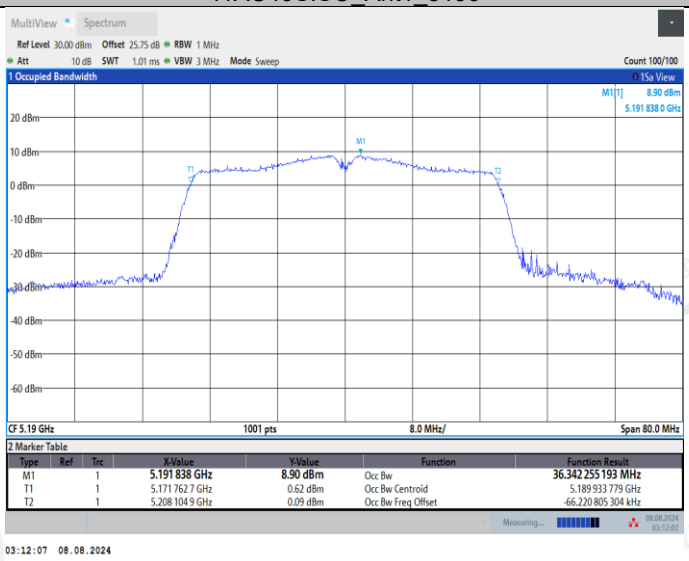

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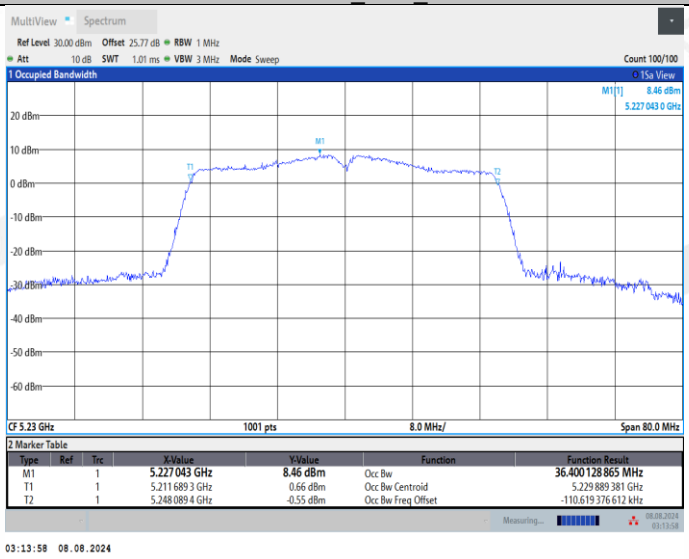

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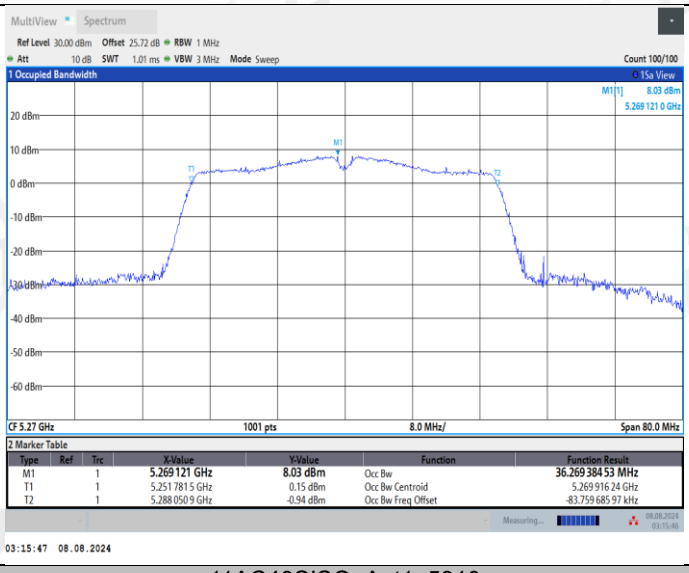

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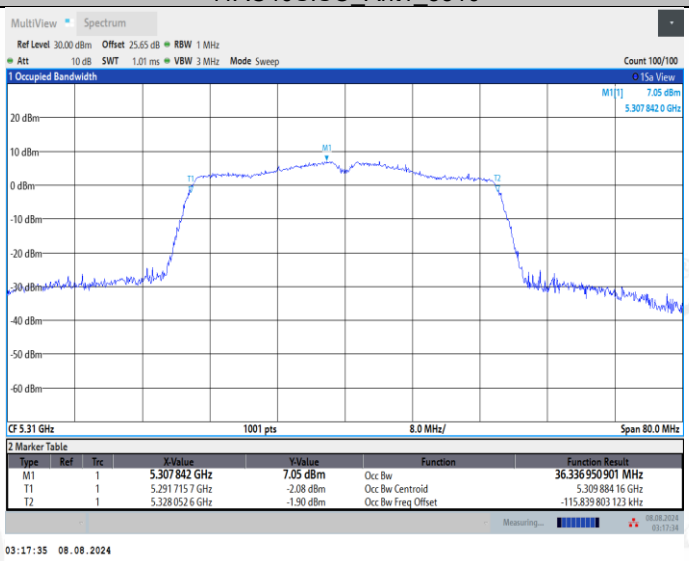

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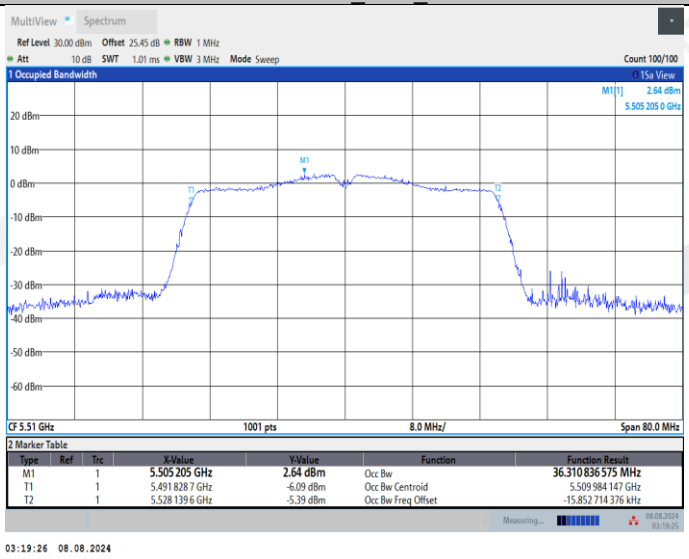

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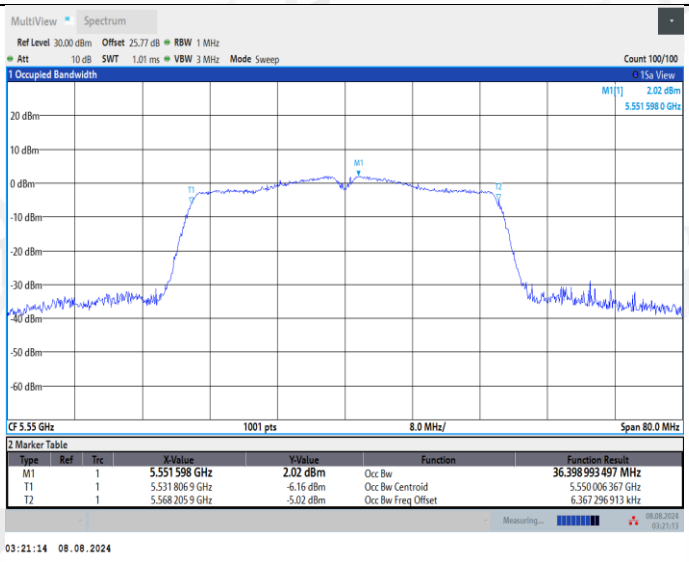

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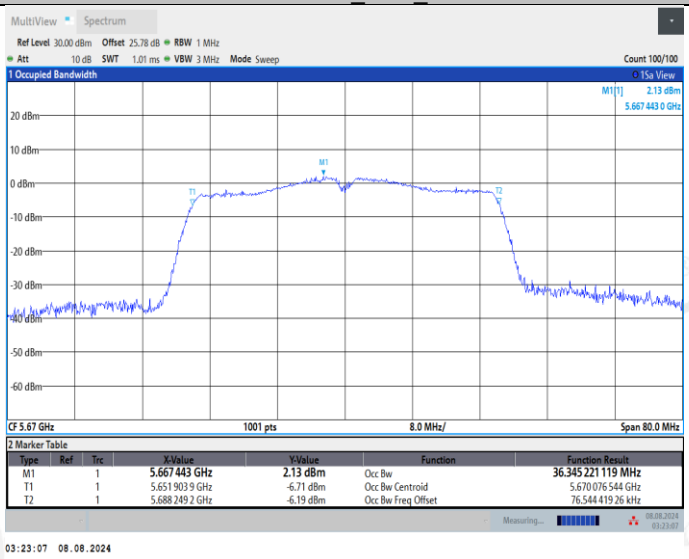

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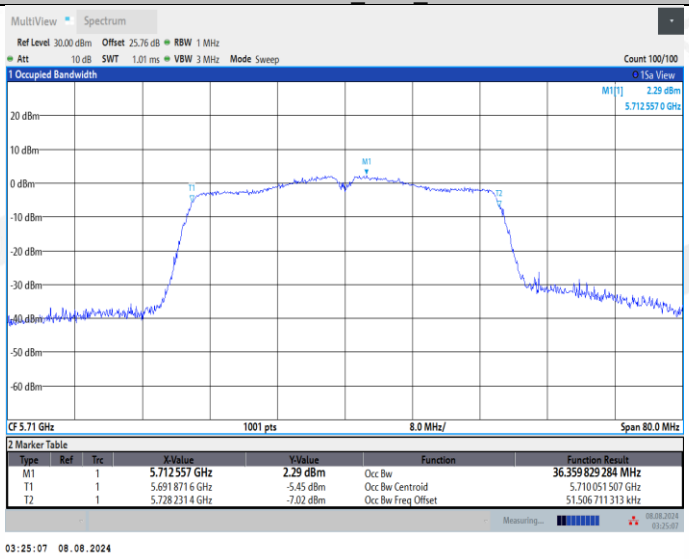

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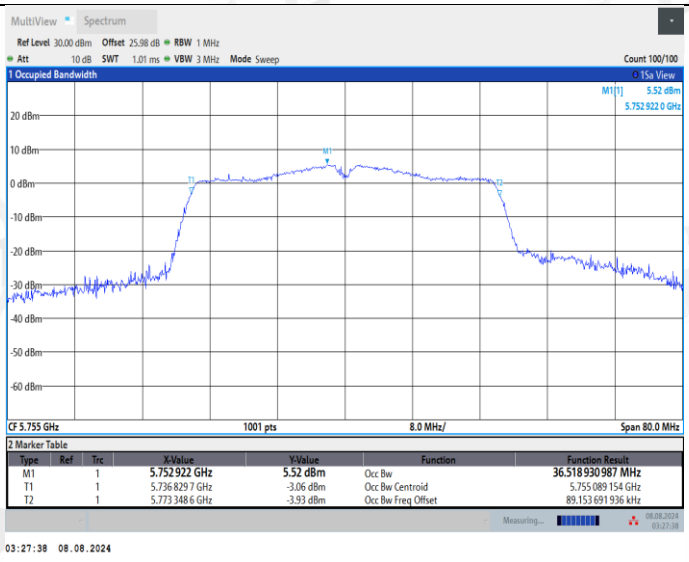

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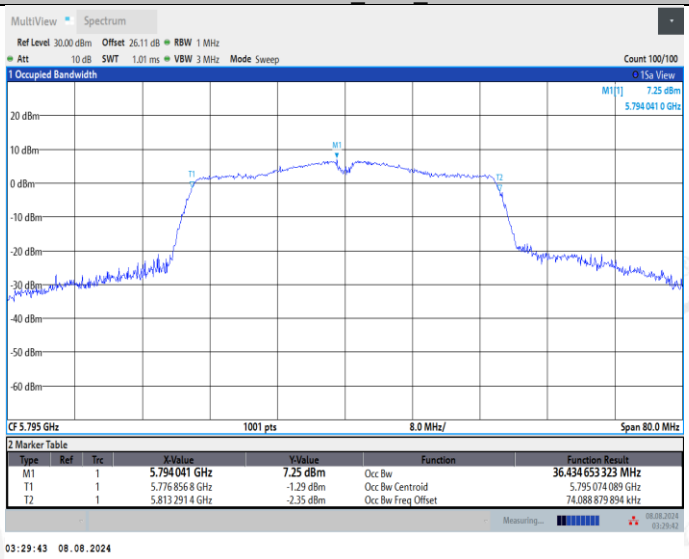

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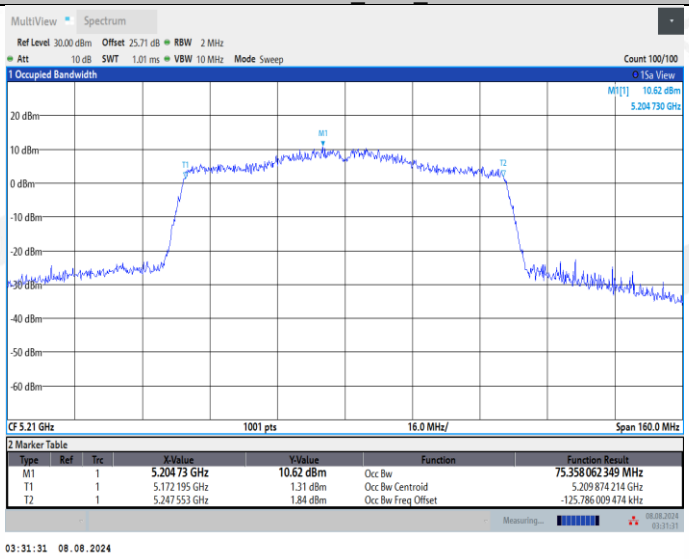

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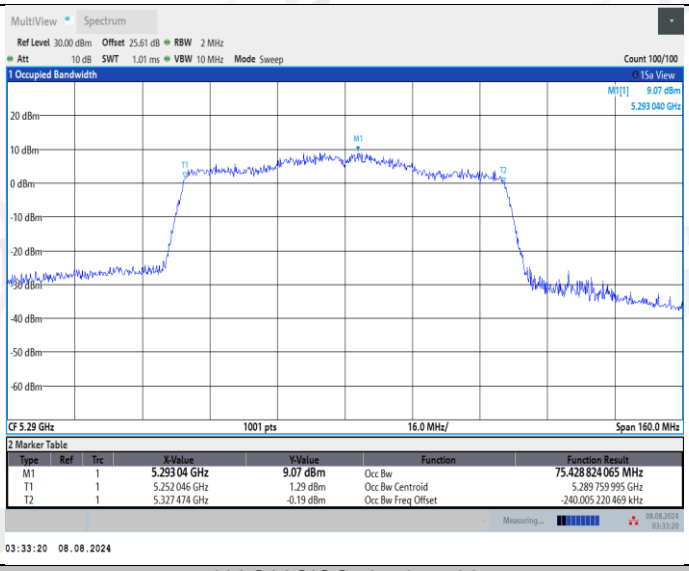

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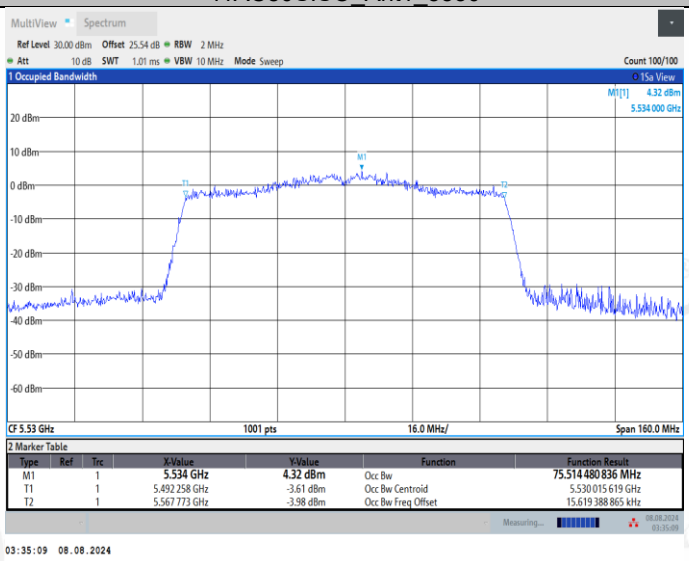

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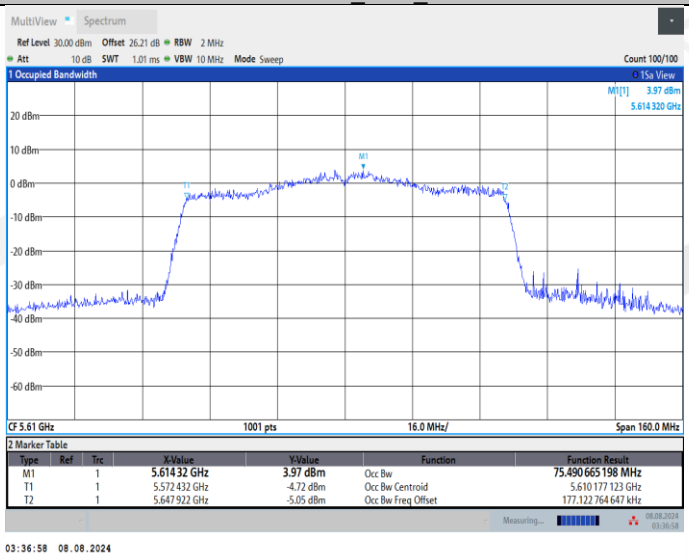

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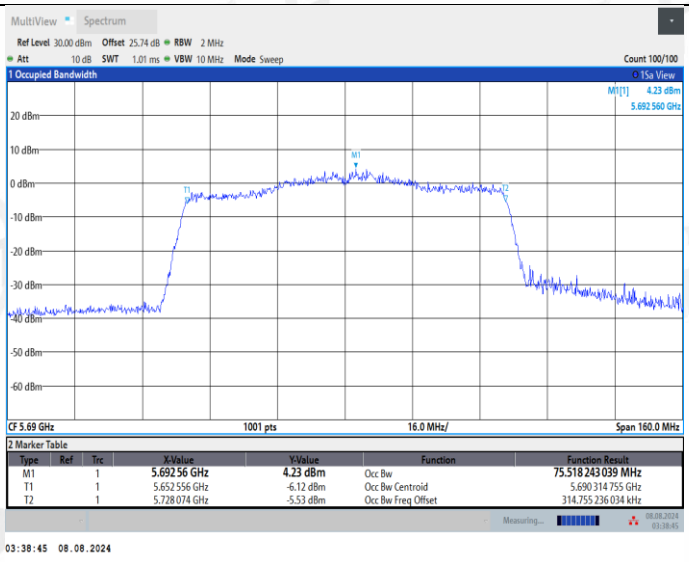
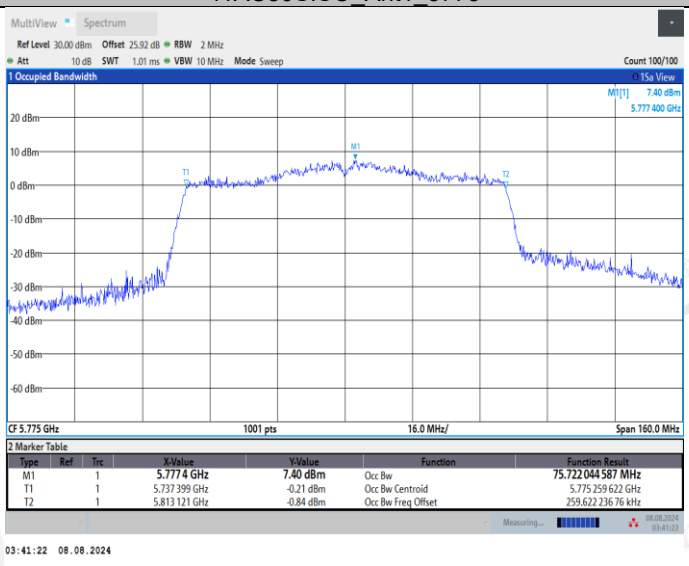
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