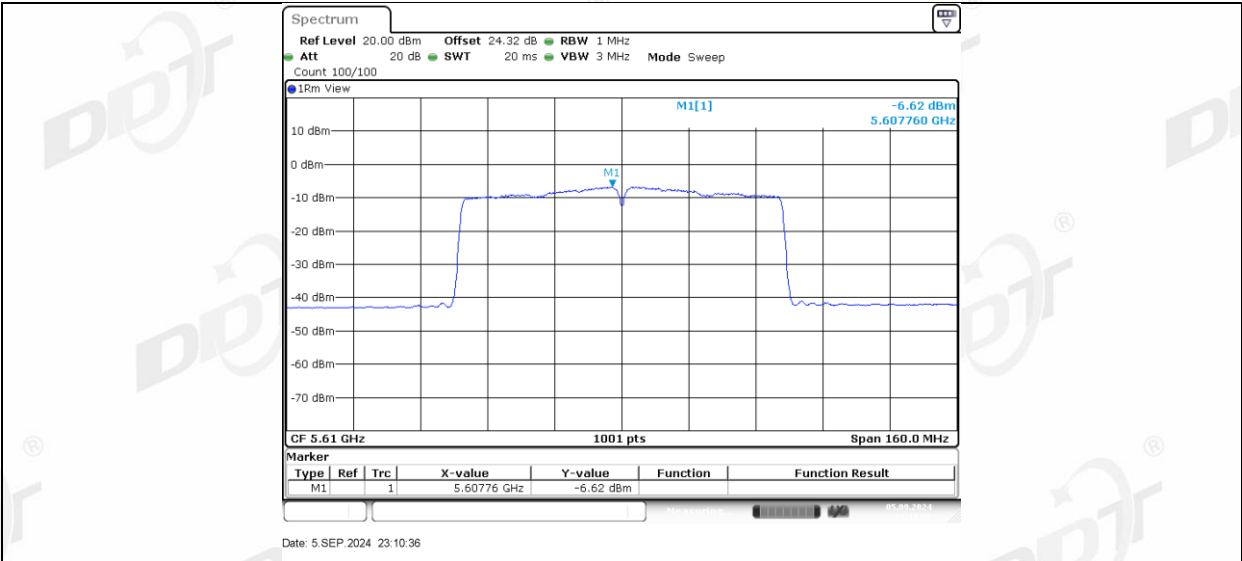
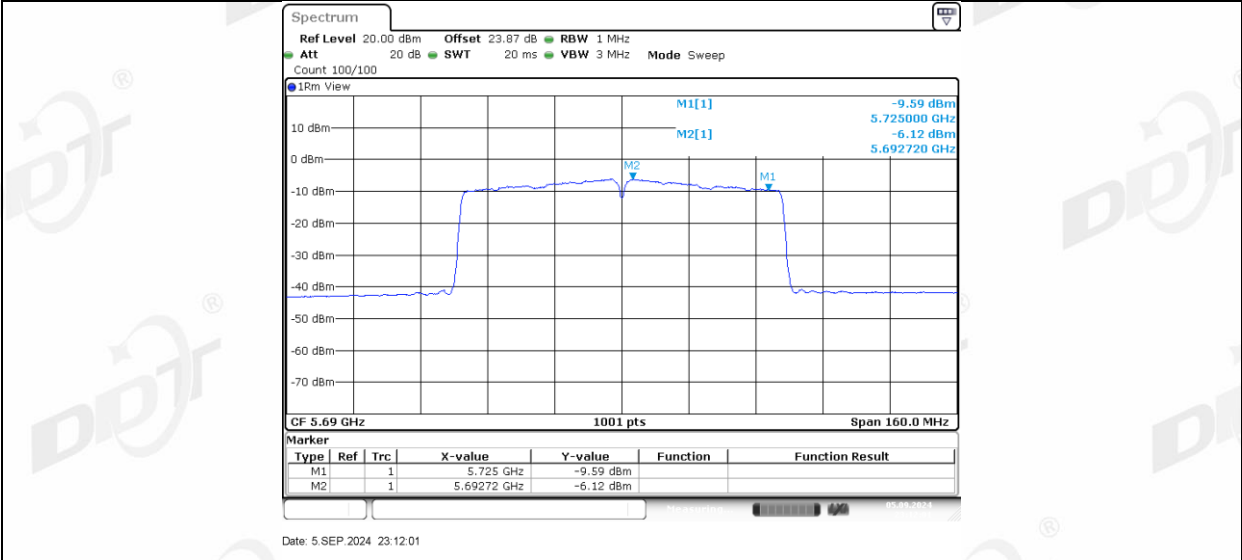
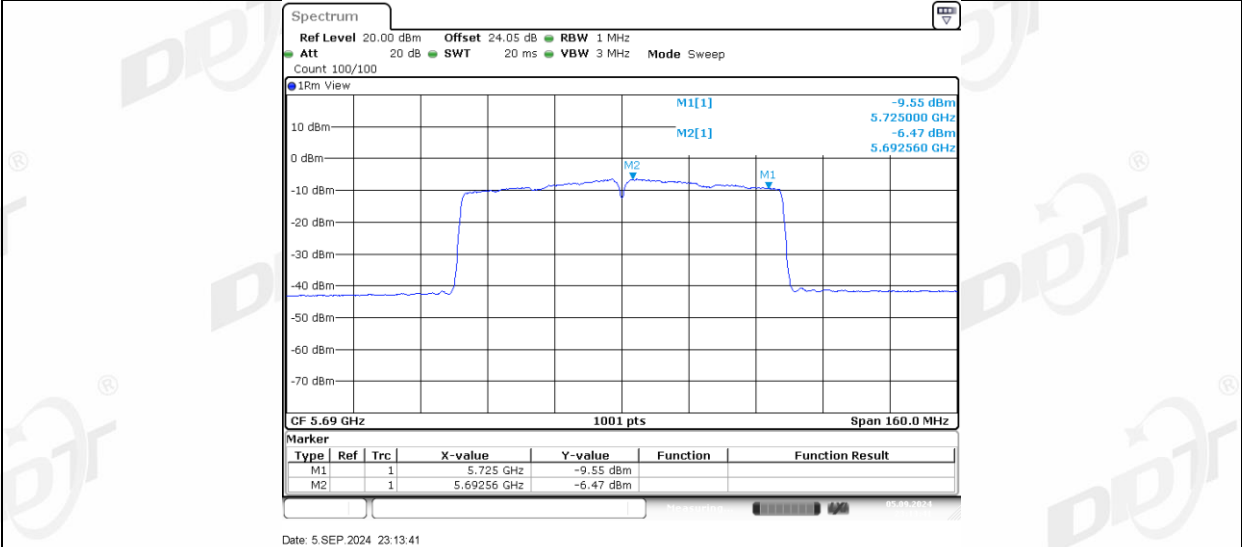




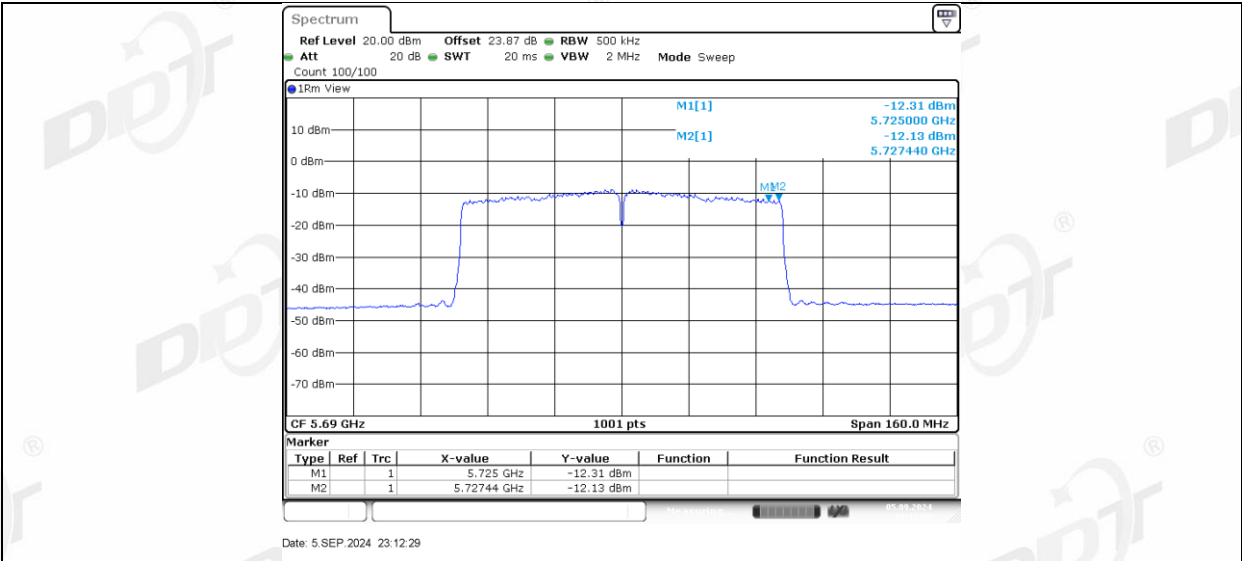
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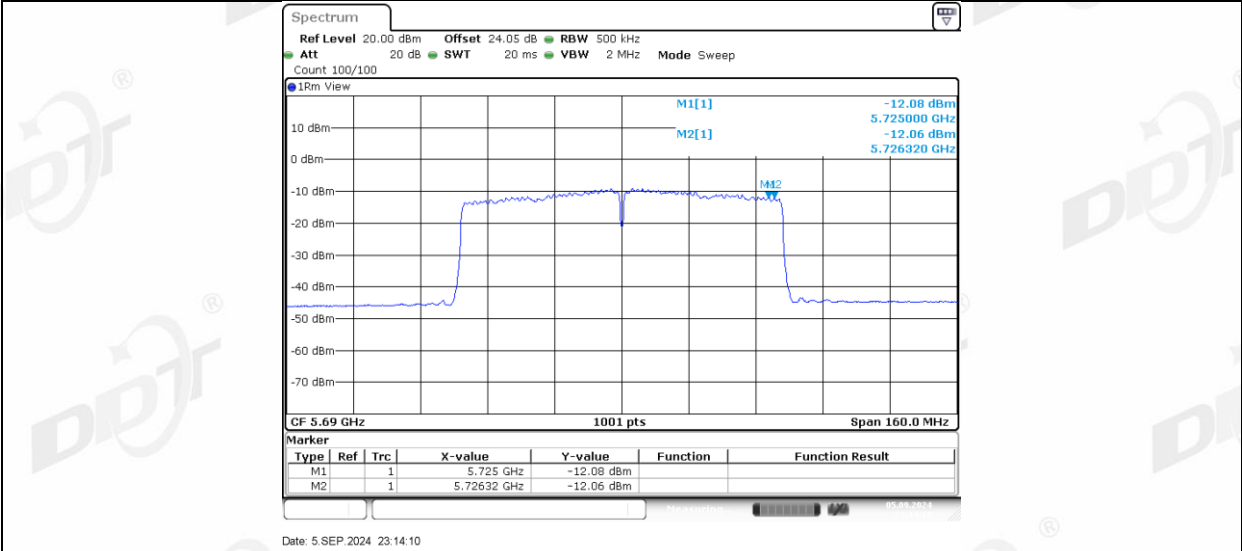
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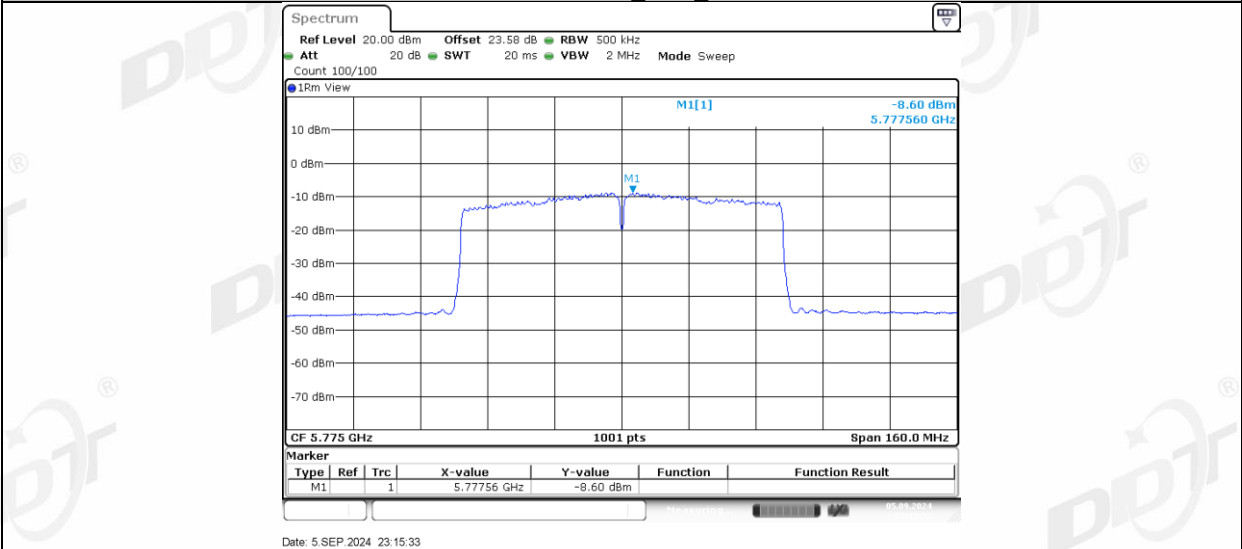
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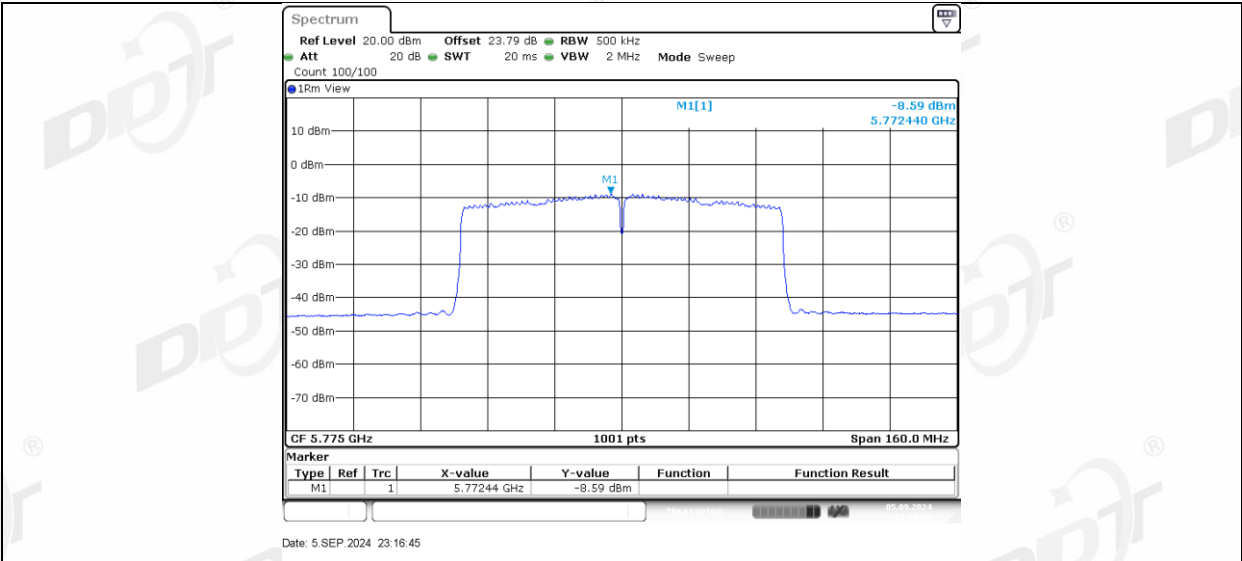
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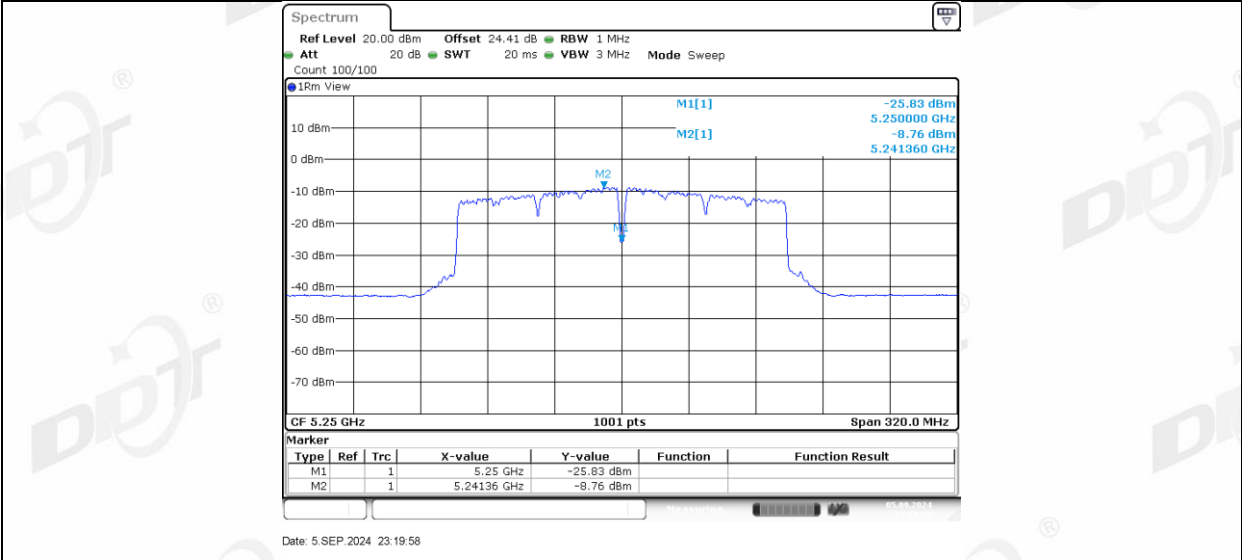
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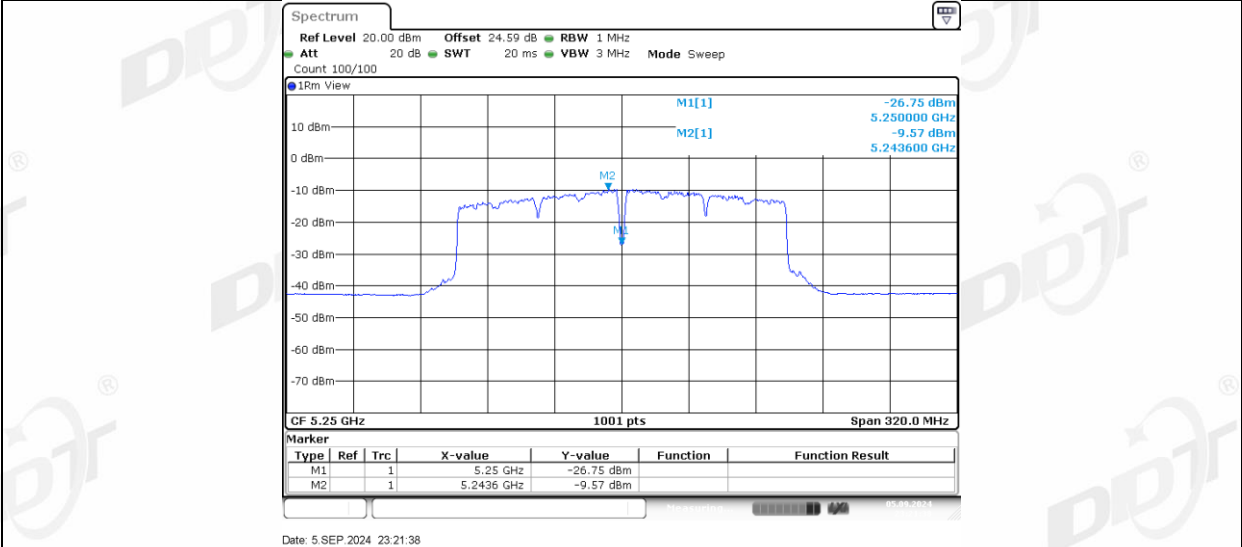
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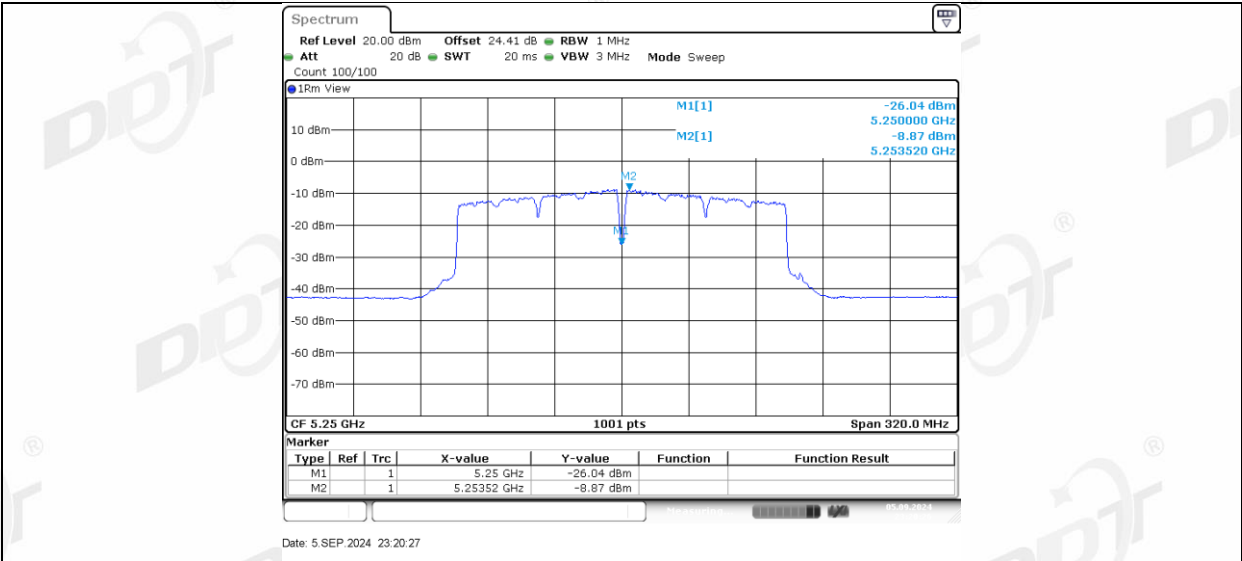
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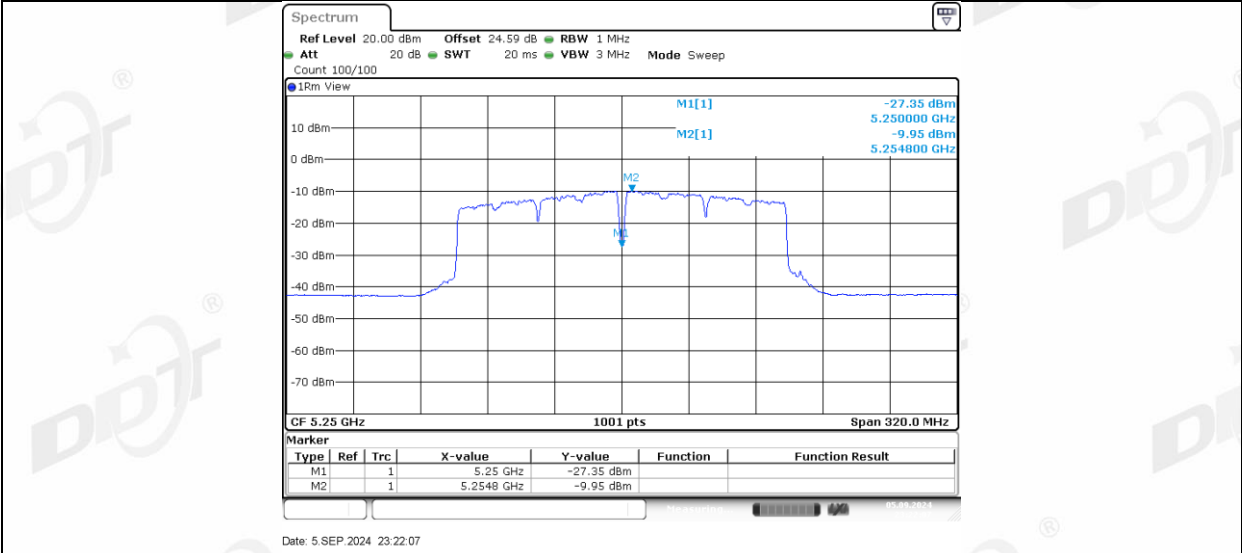
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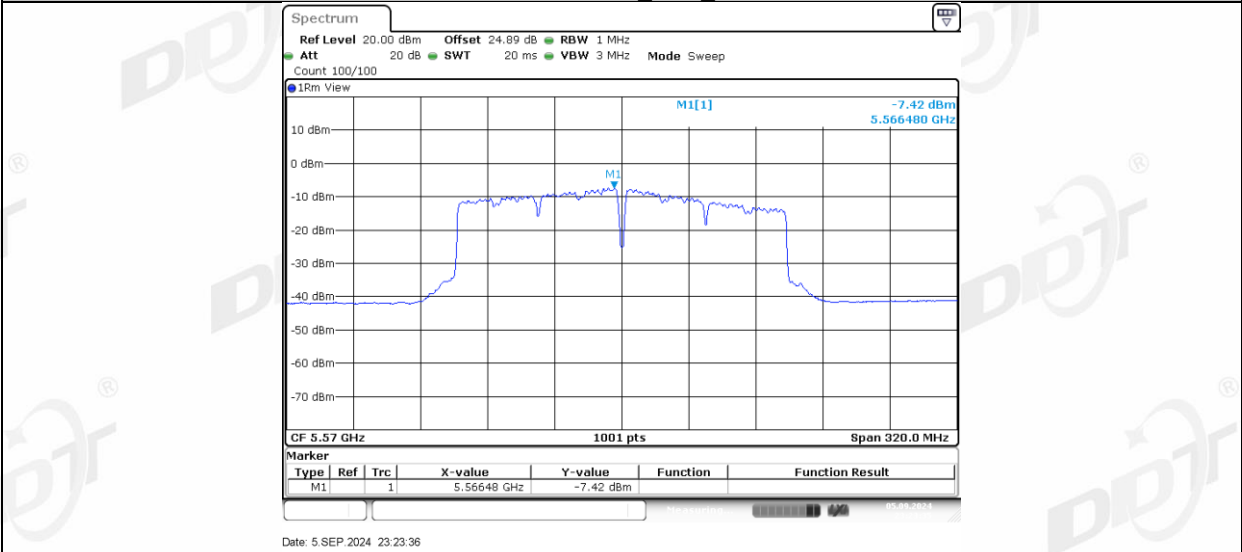
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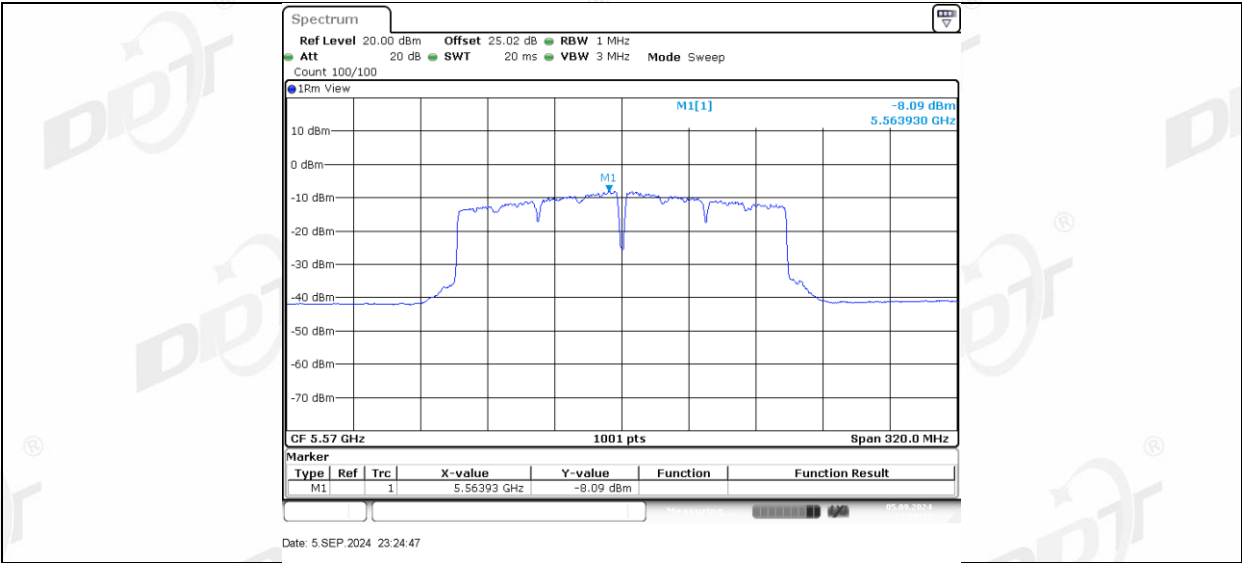
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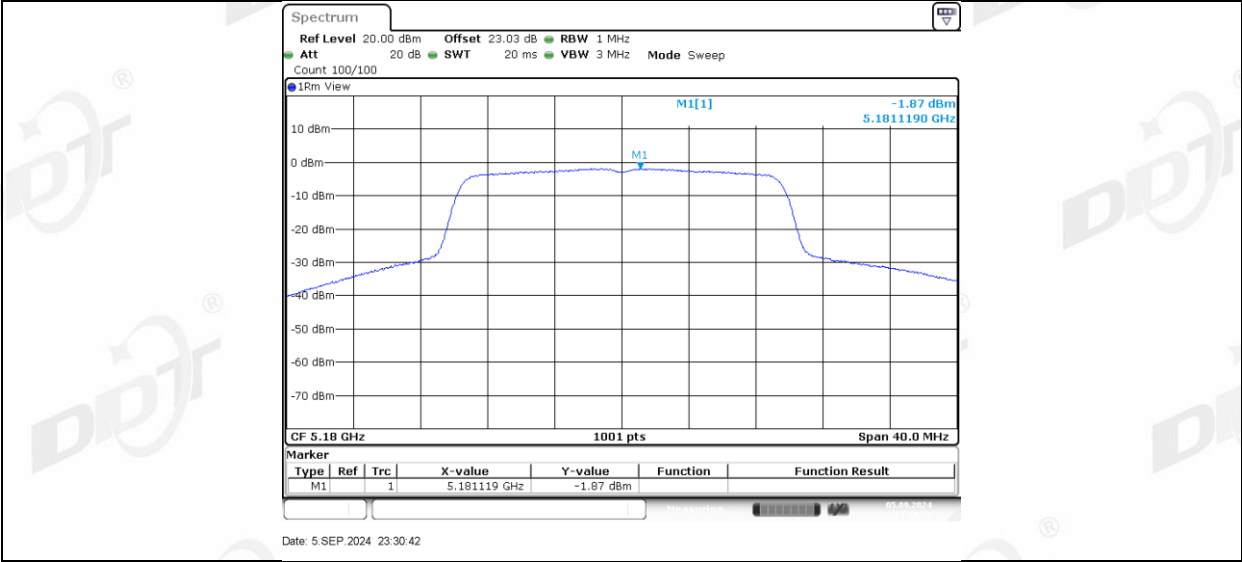
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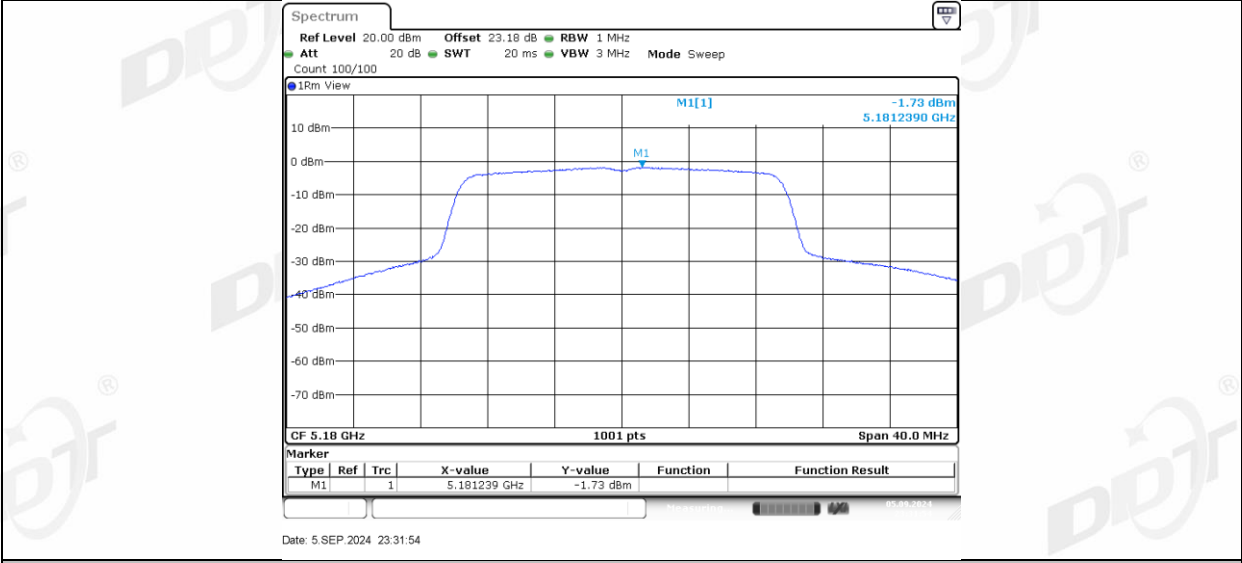
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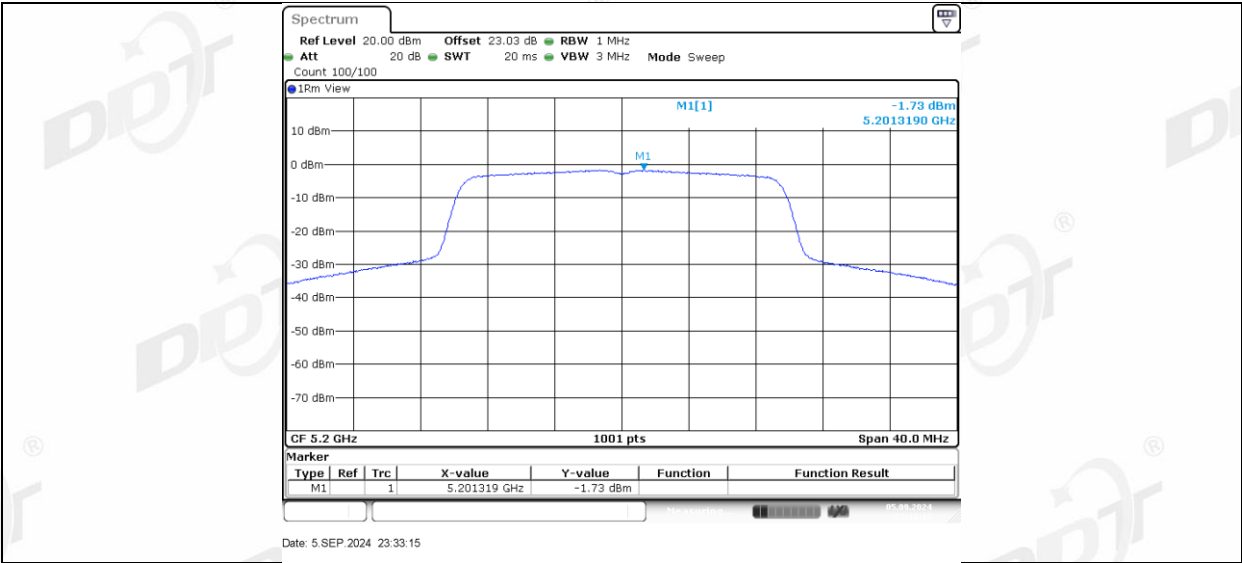
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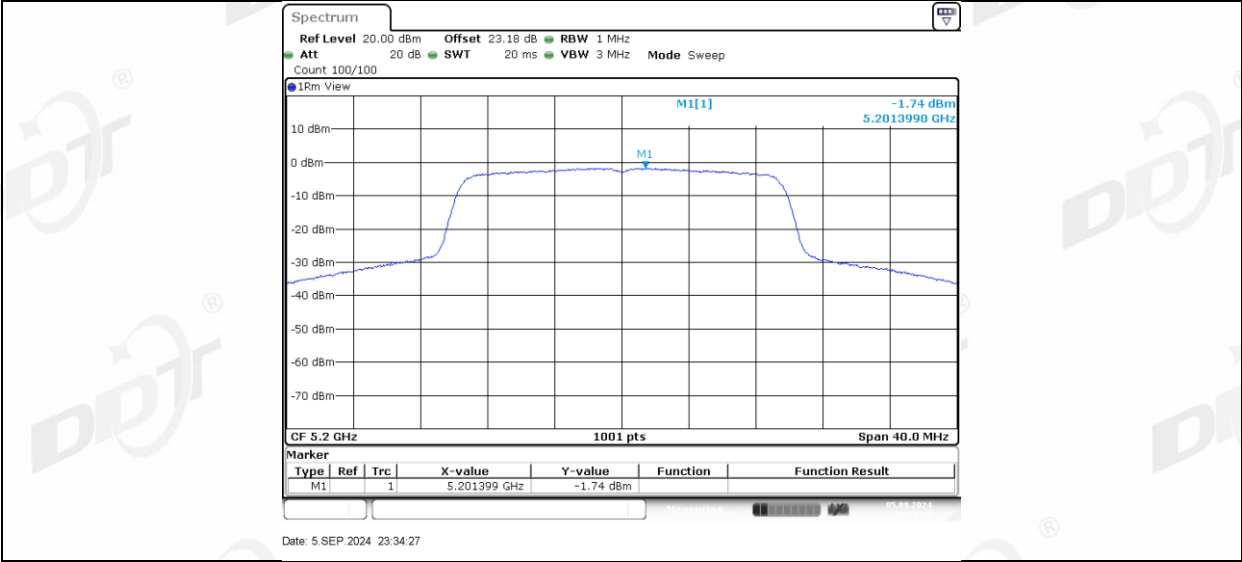
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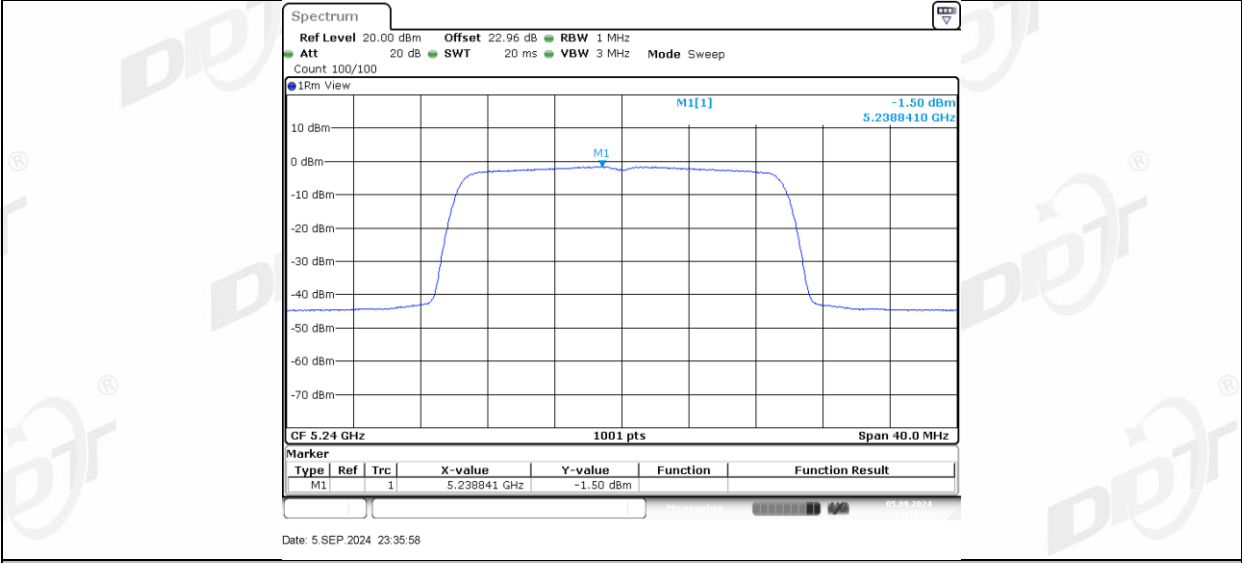
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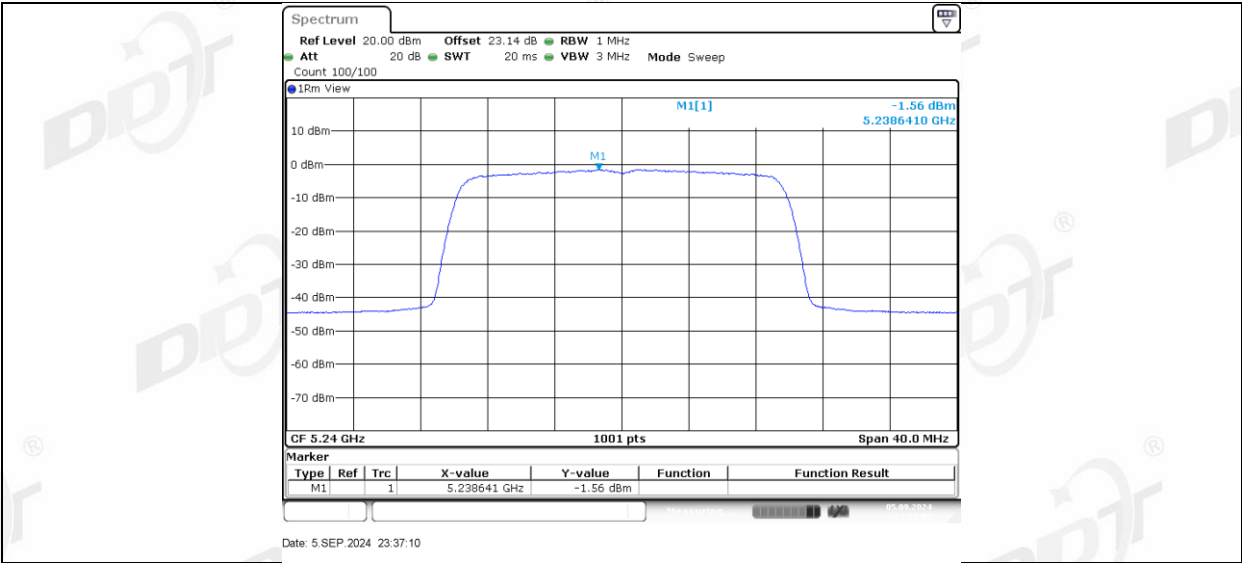
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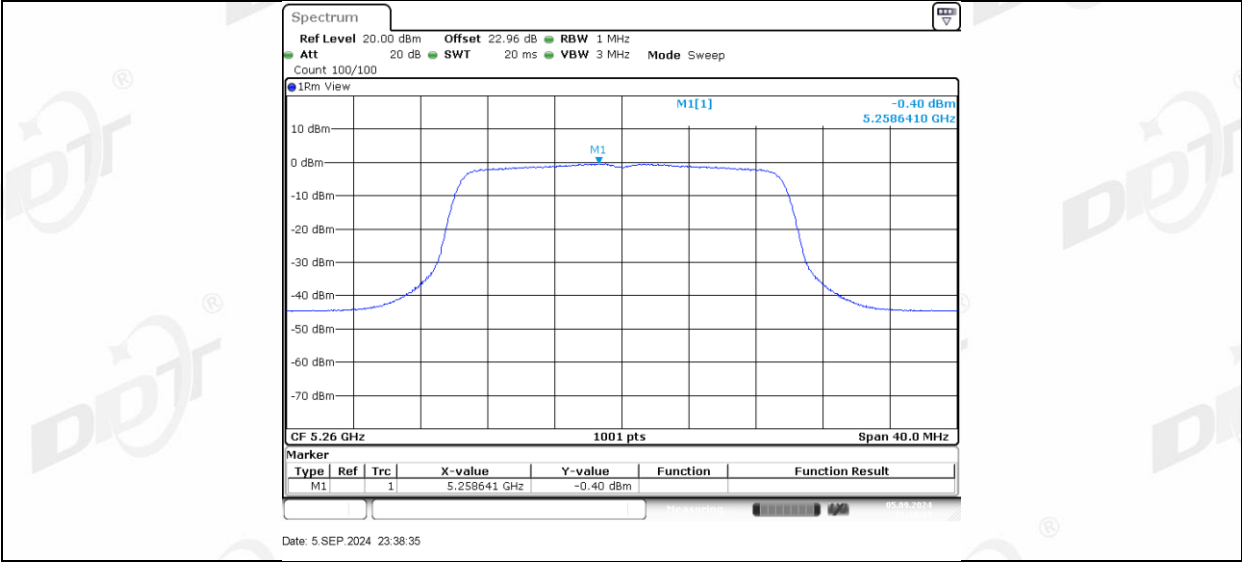
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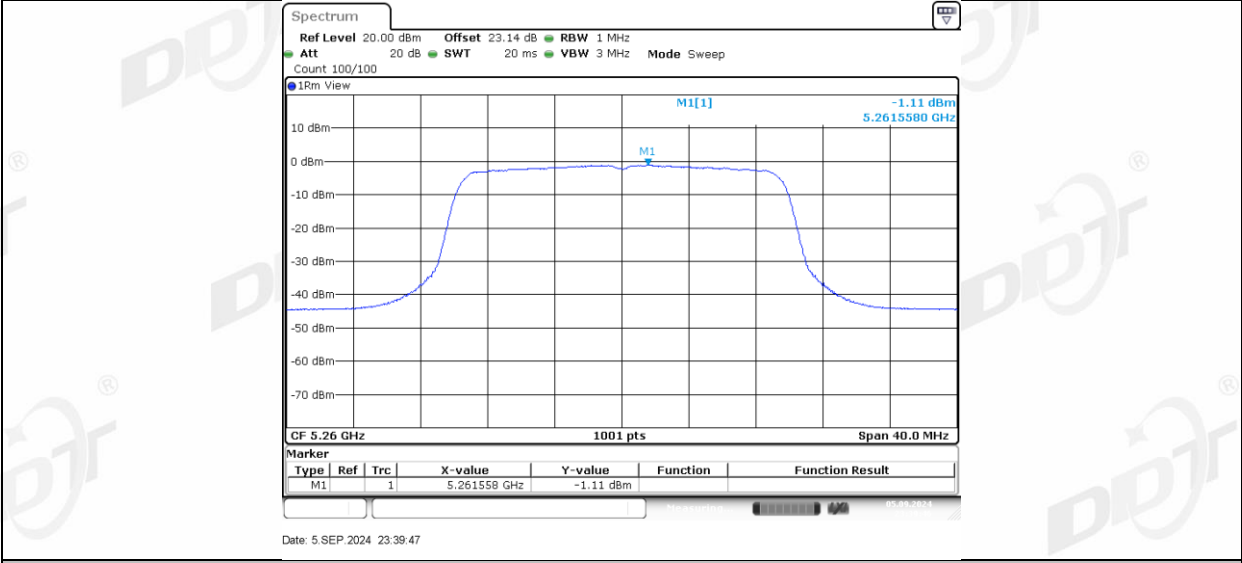
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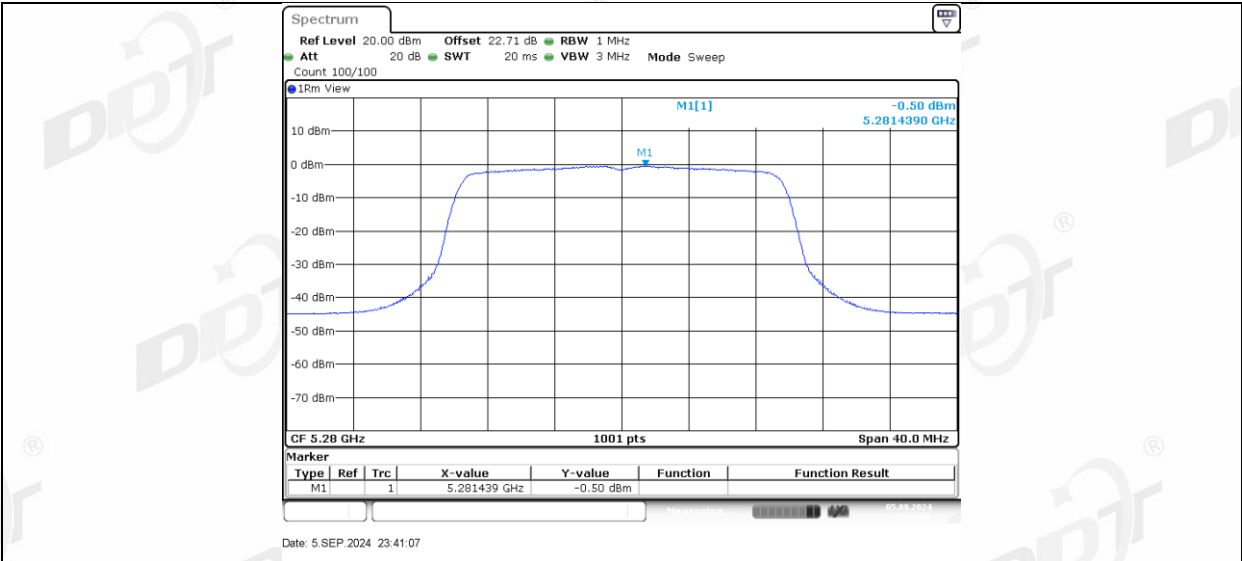
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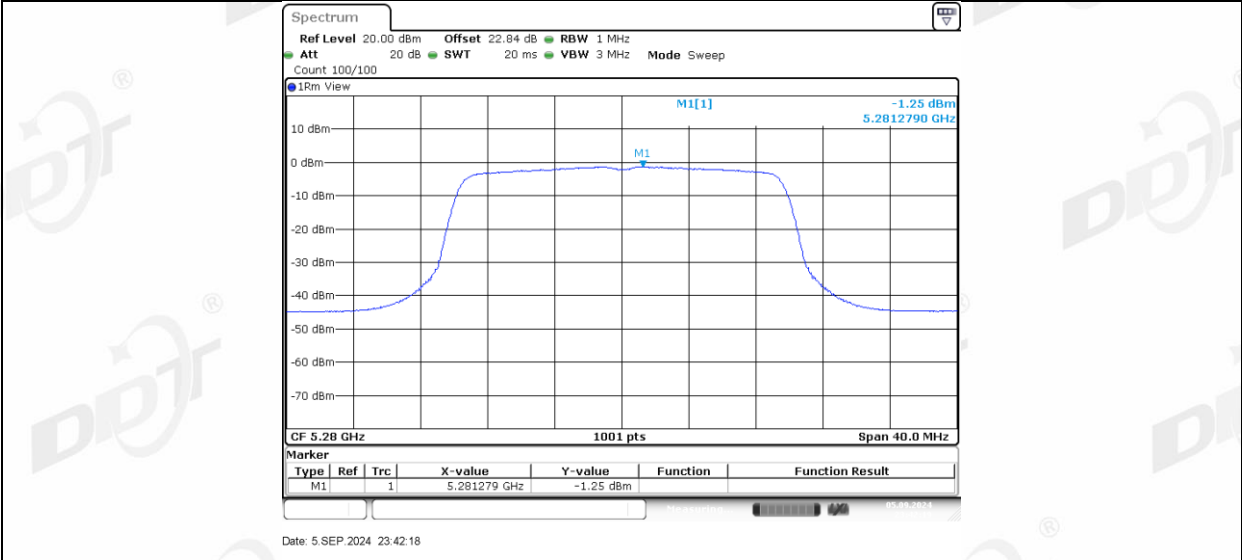
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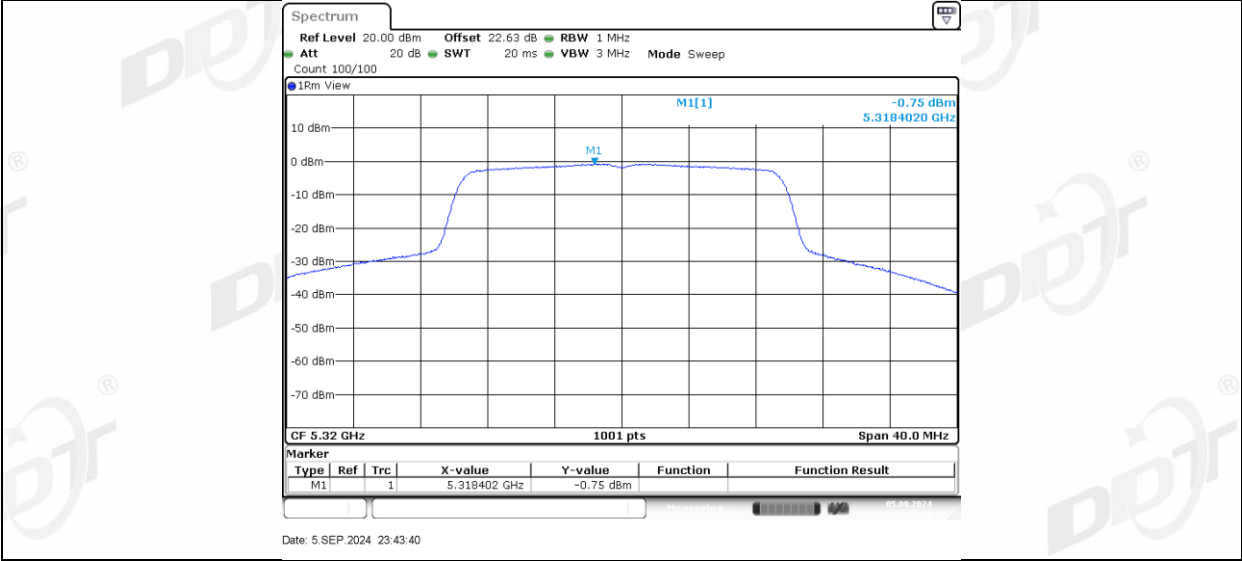
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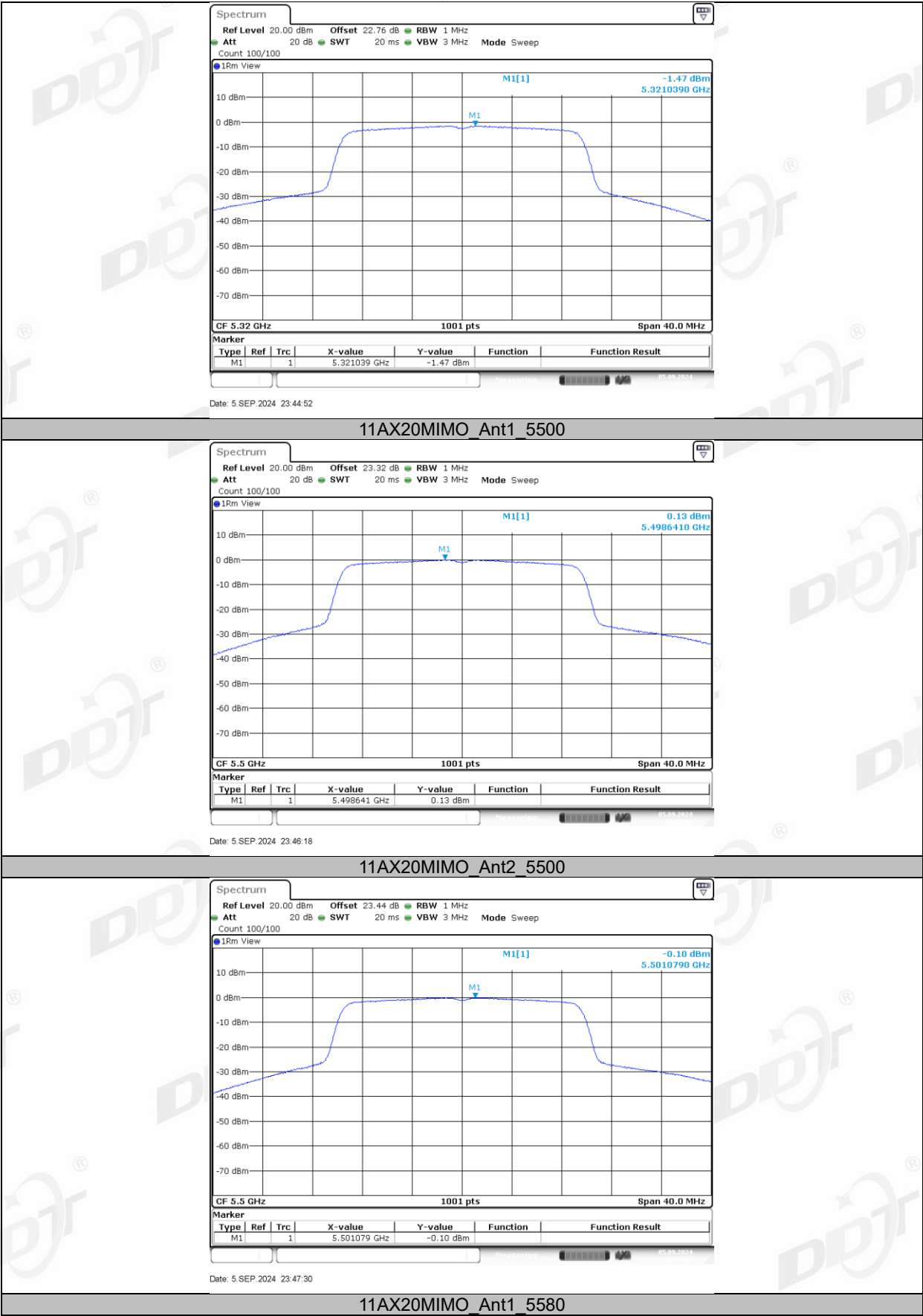
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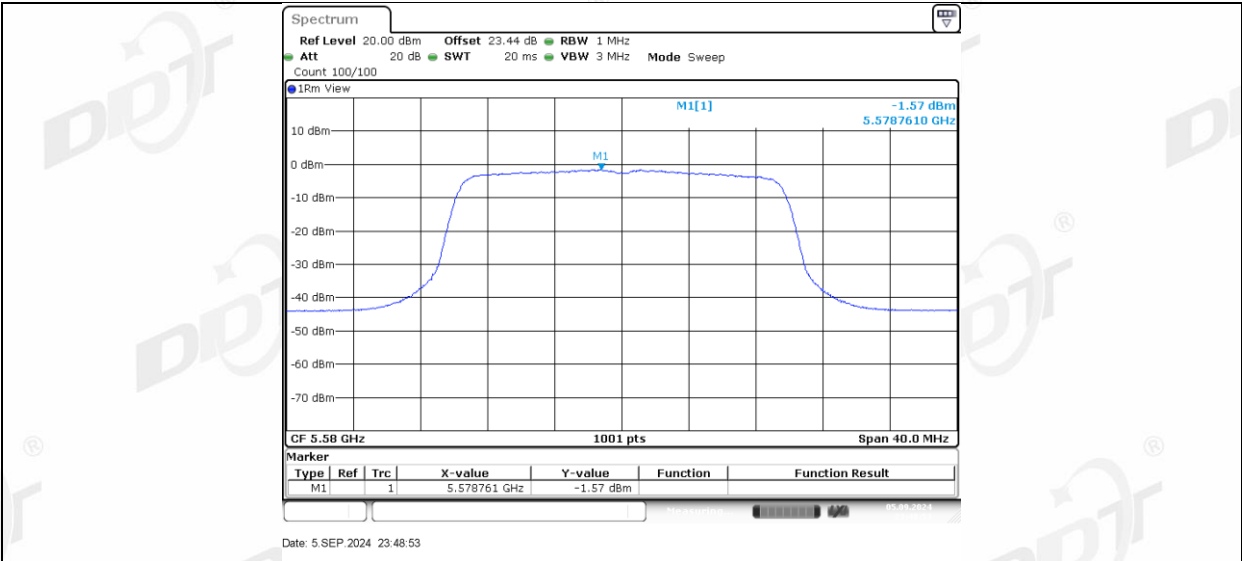


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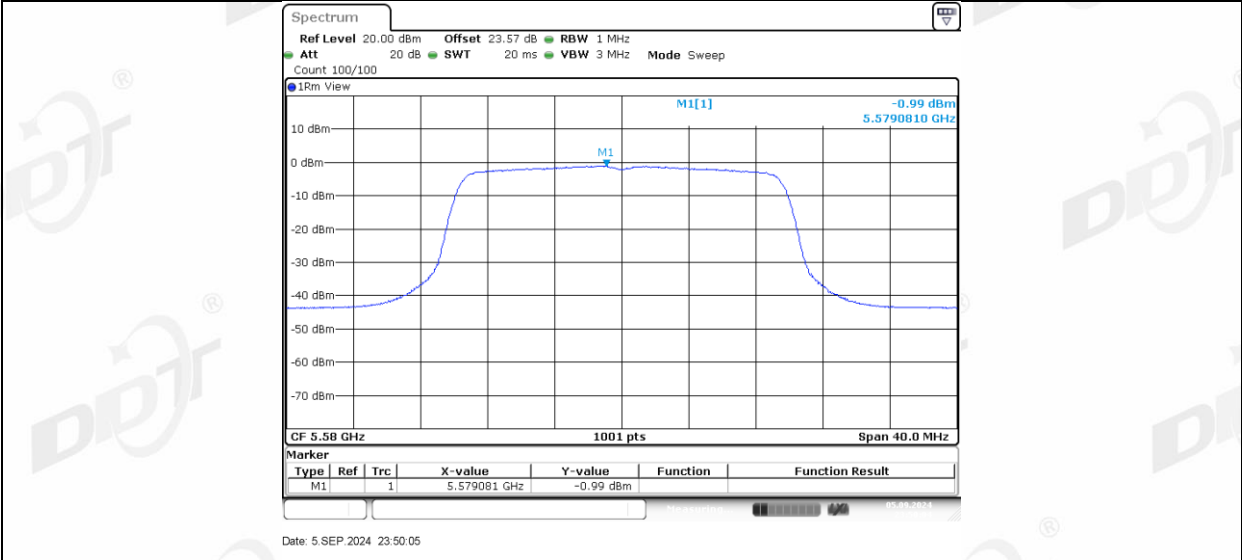


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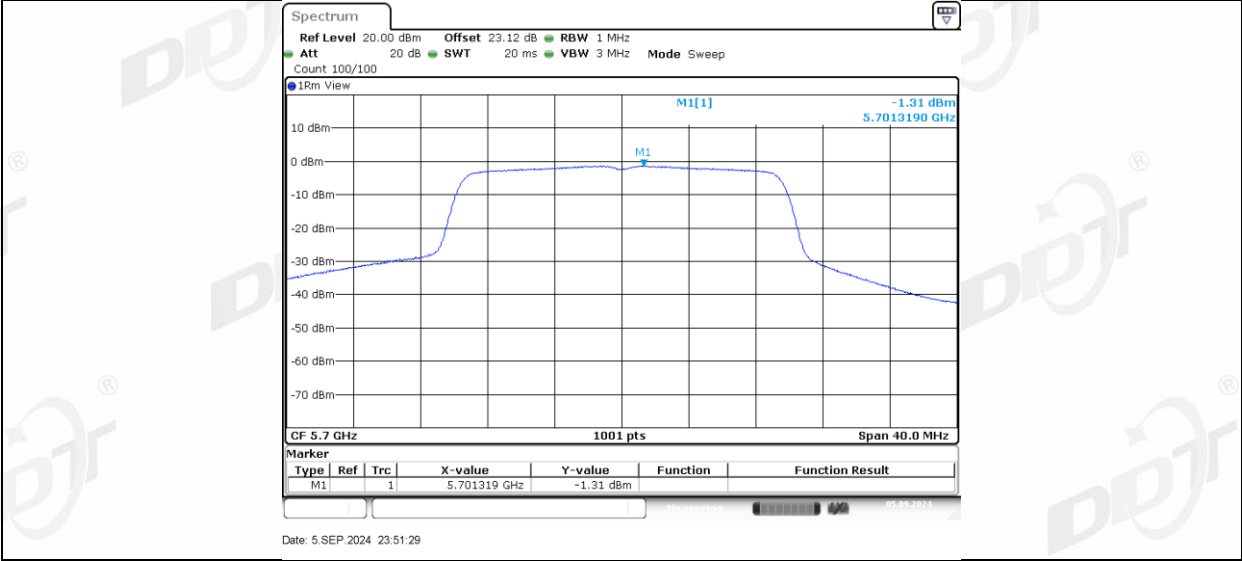




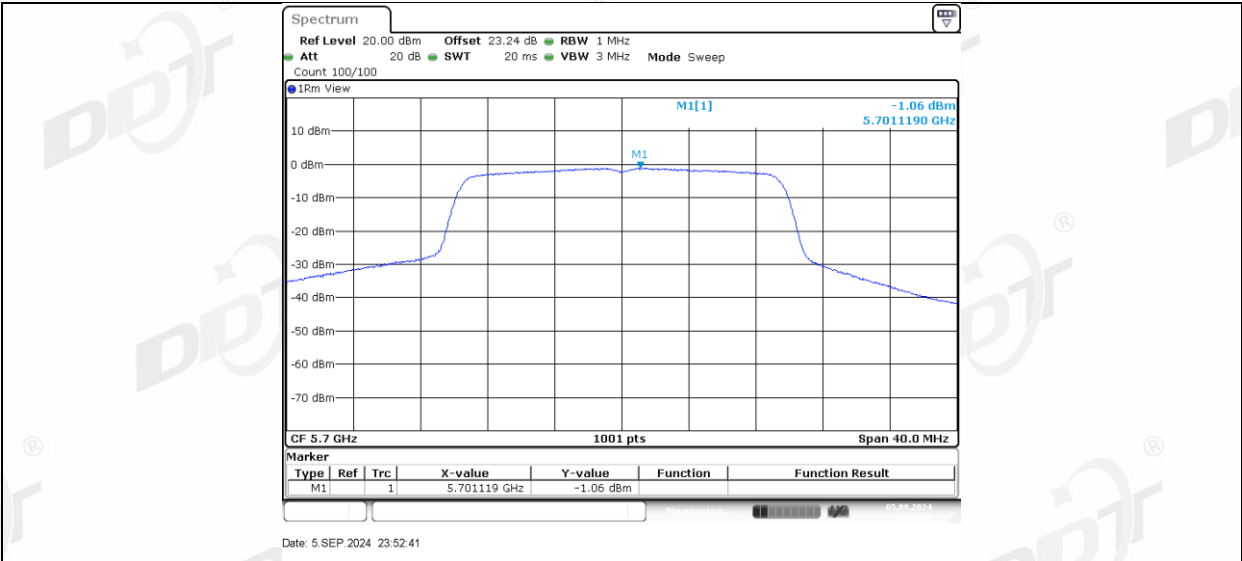
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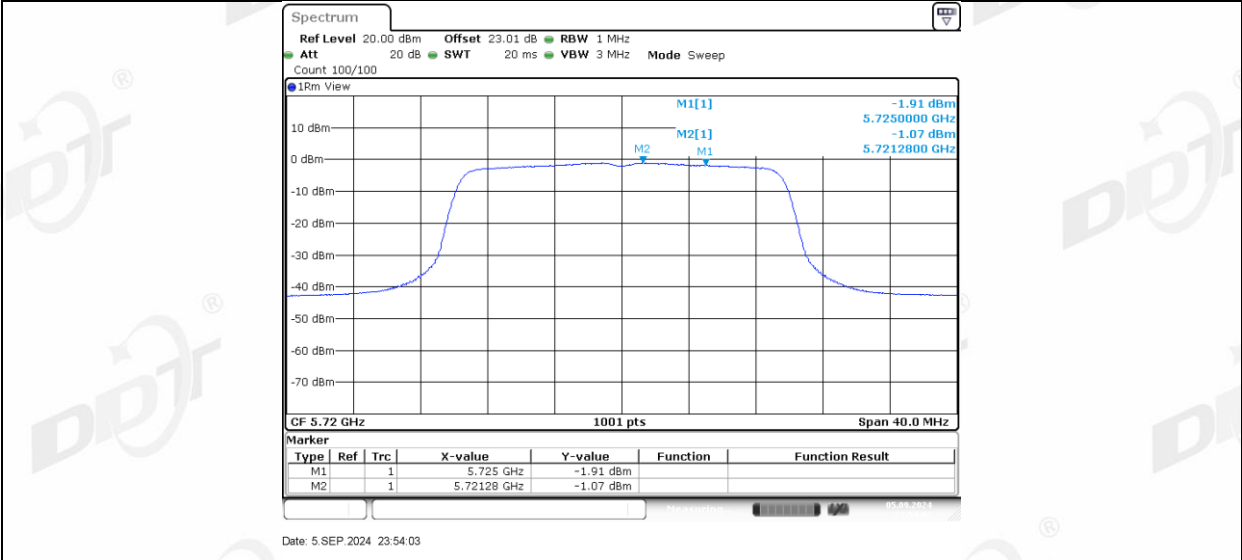
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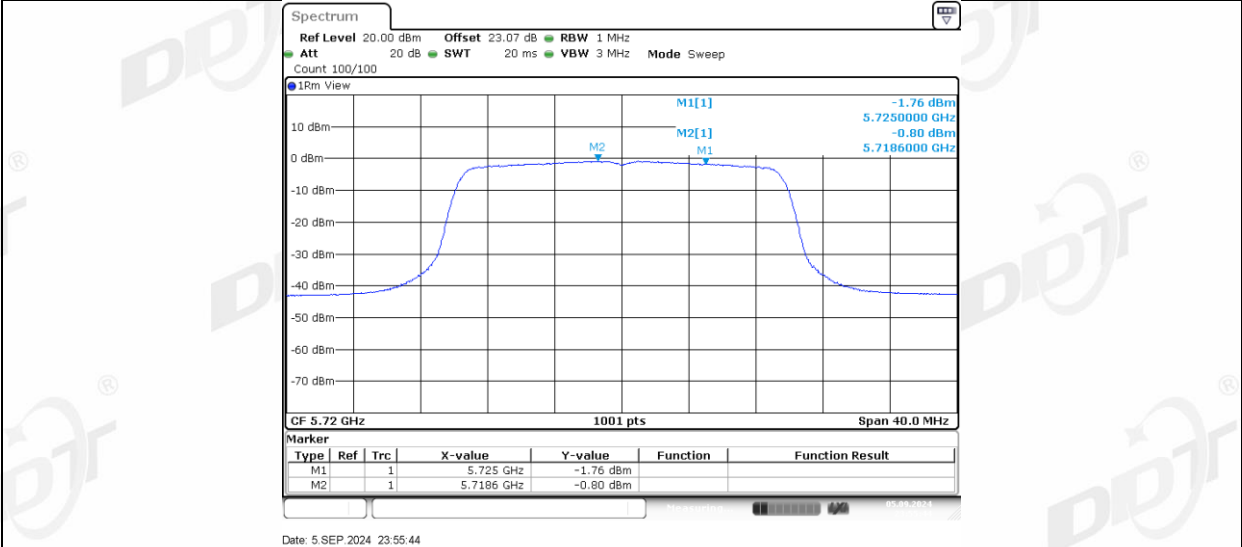
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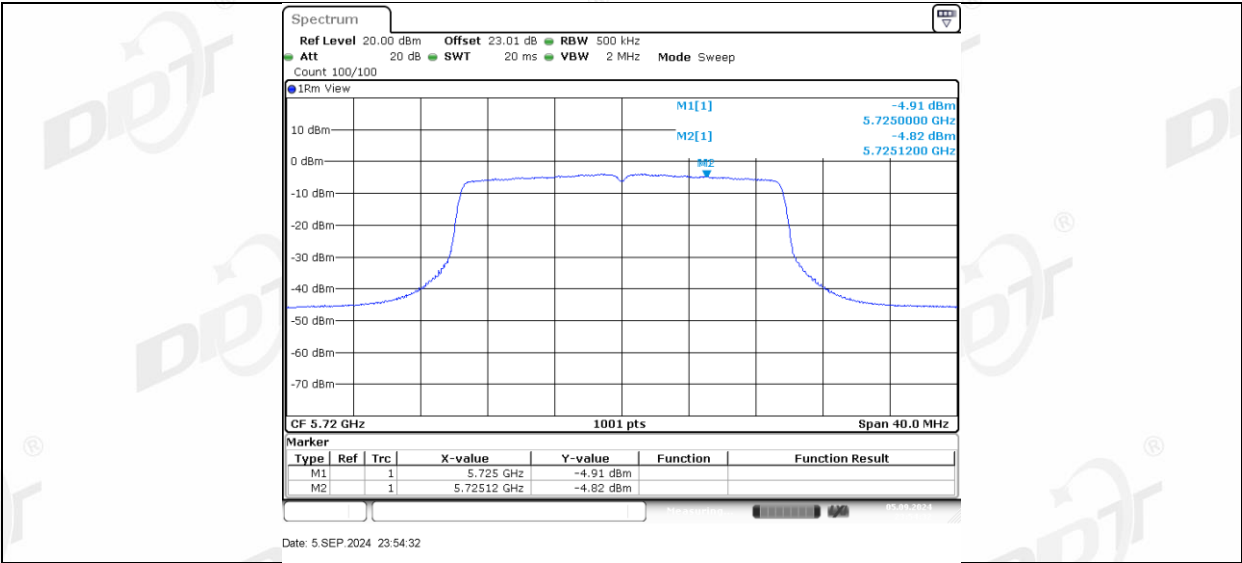
11AX20MIMO Ant1 5720 UNII-2C



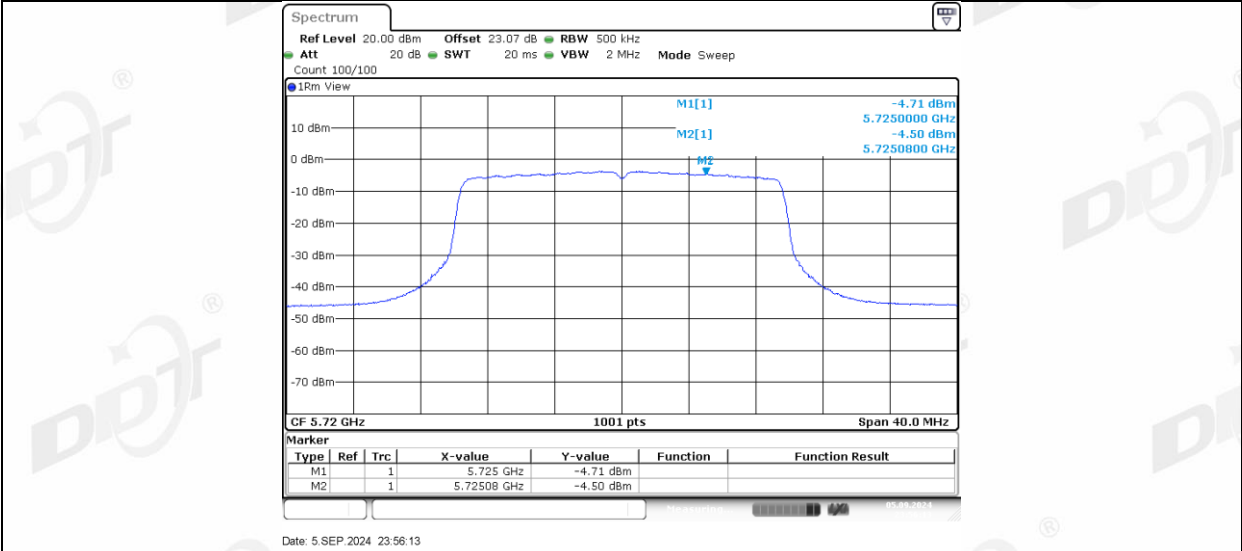
11AX20MIMO Ant2 5720 UNII-2C



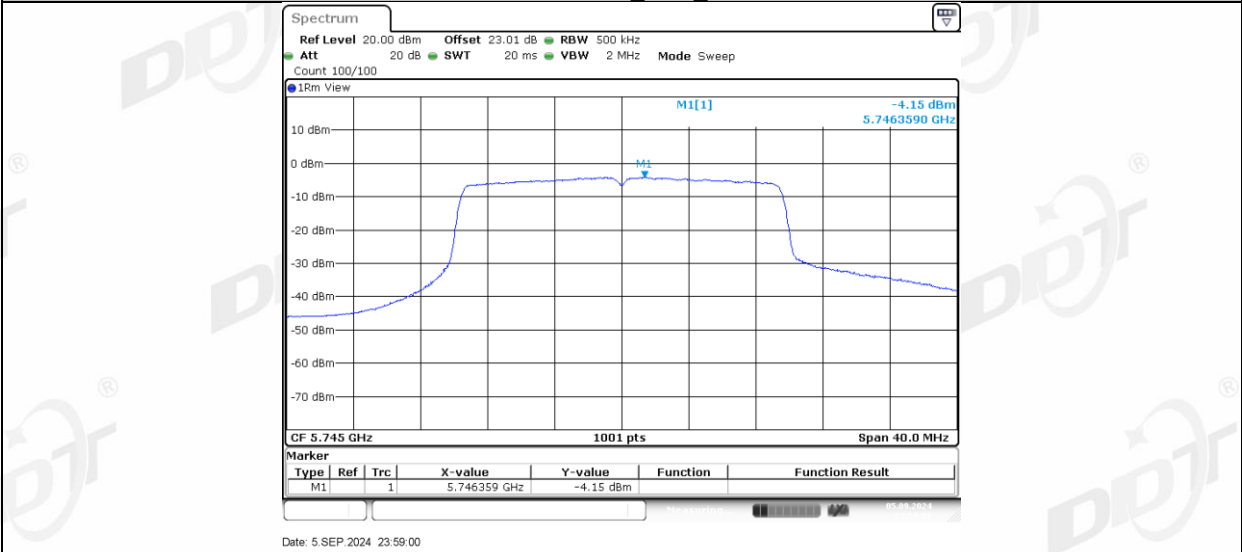
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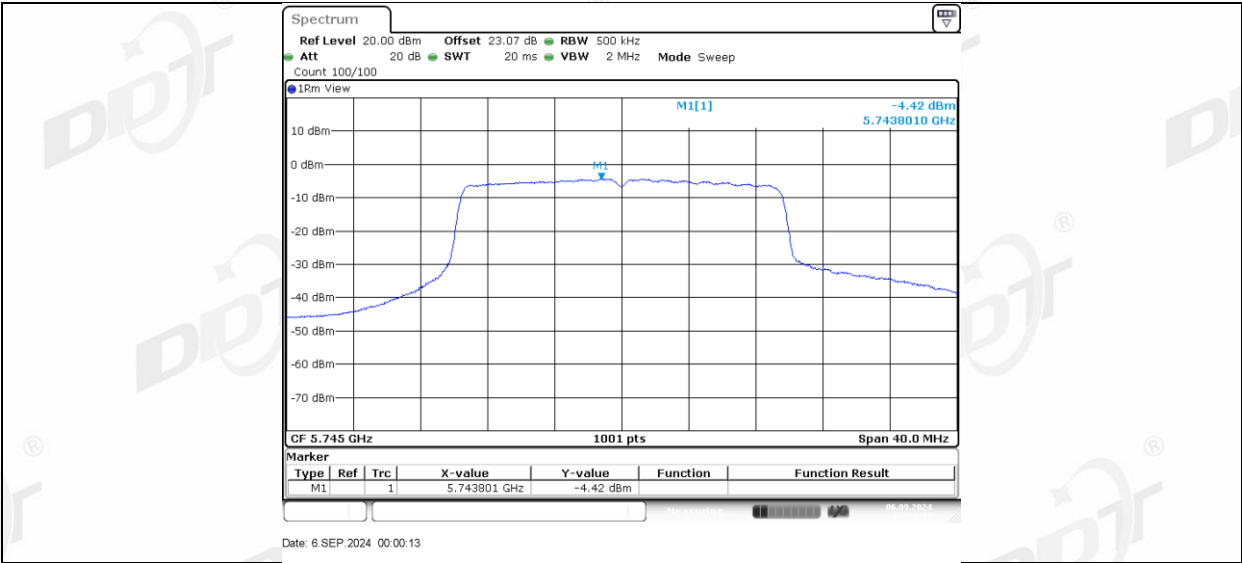
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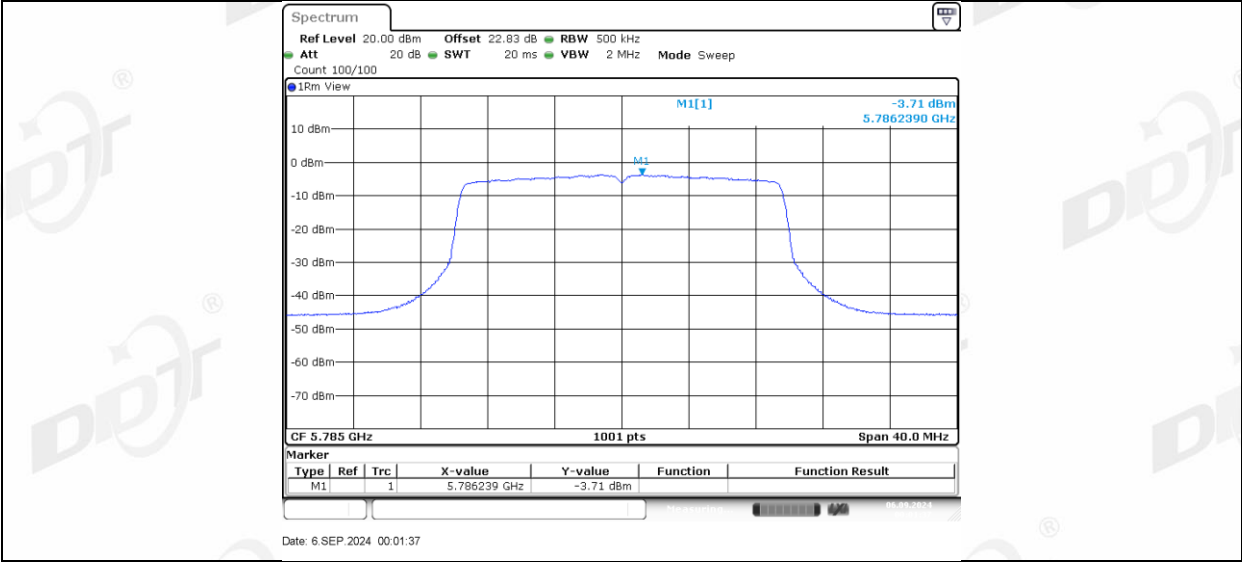
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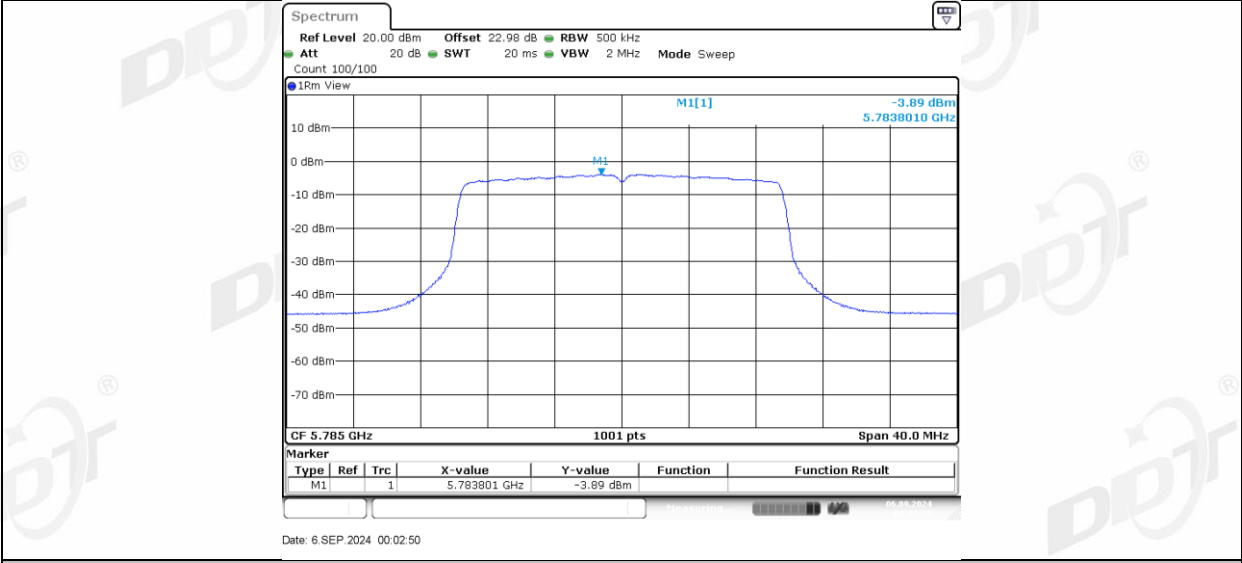
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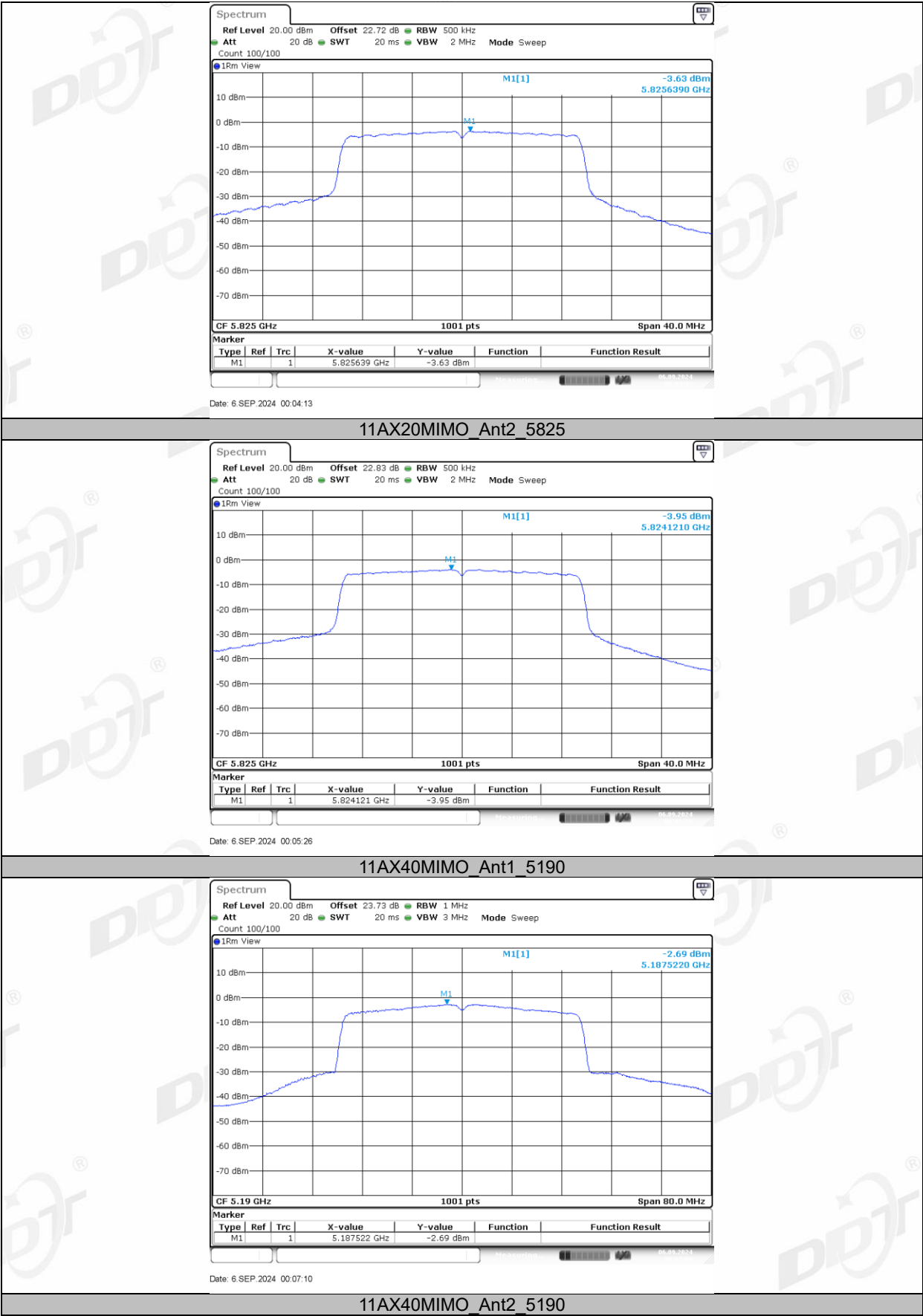
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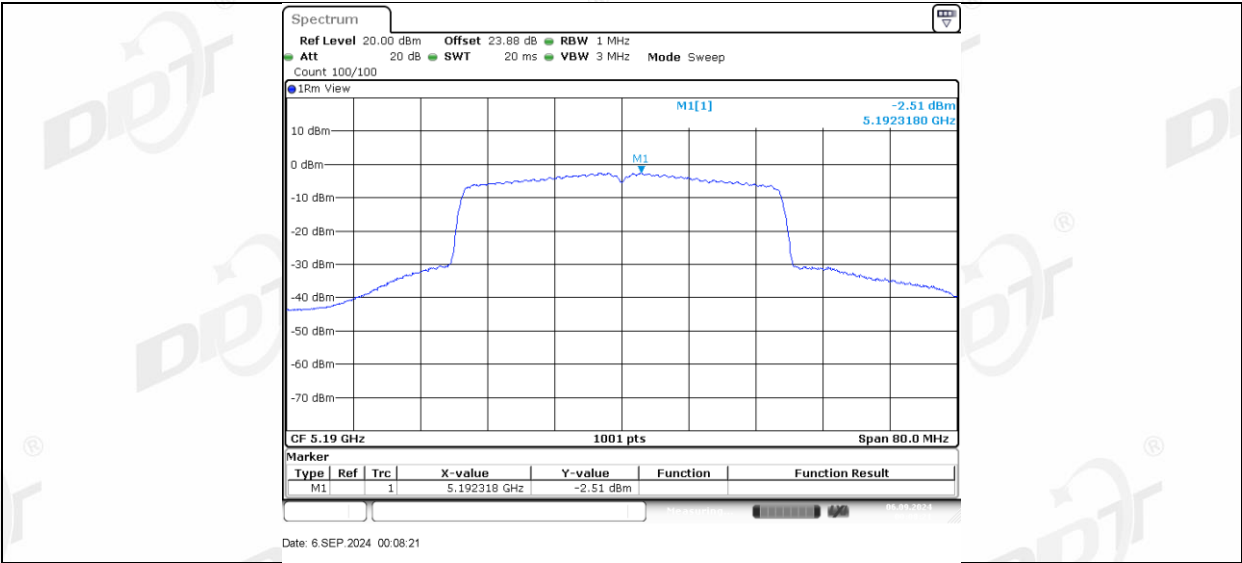


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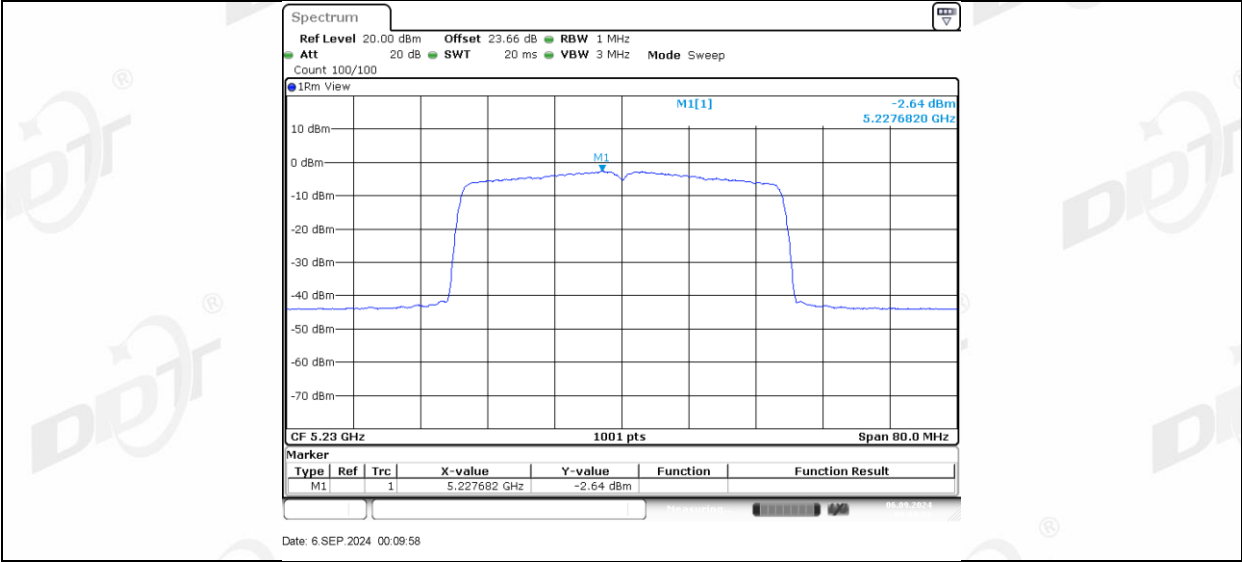


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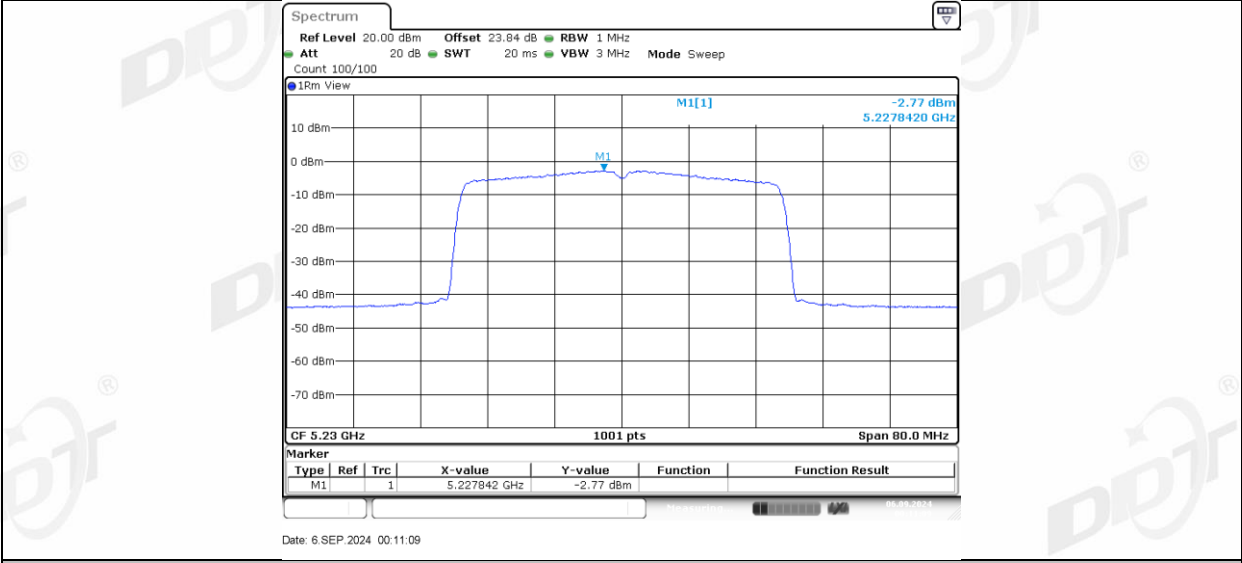




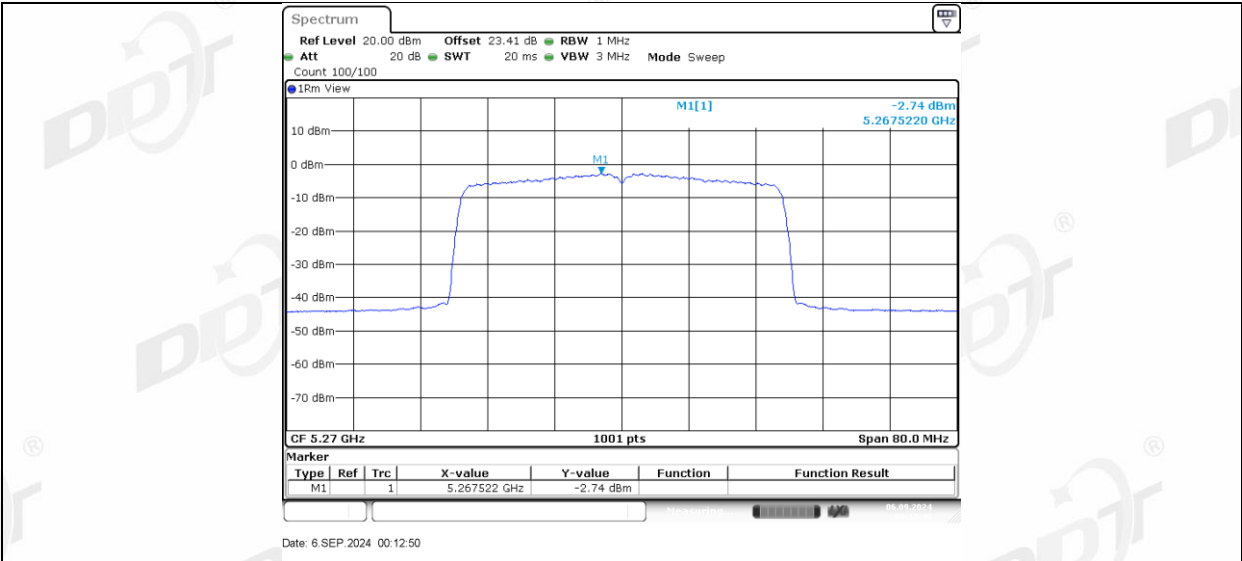
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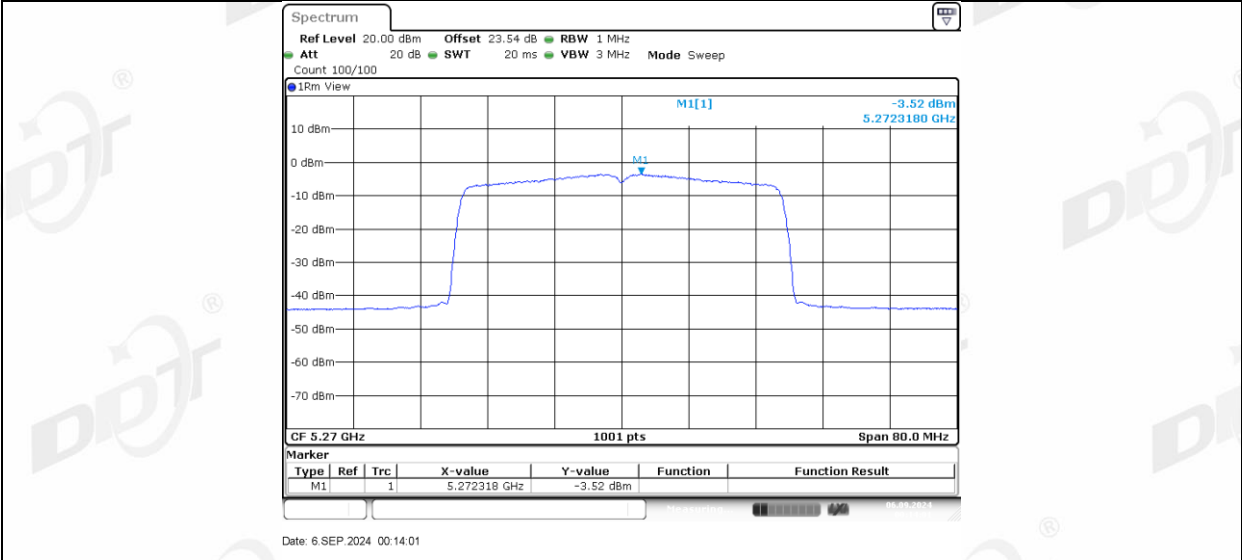
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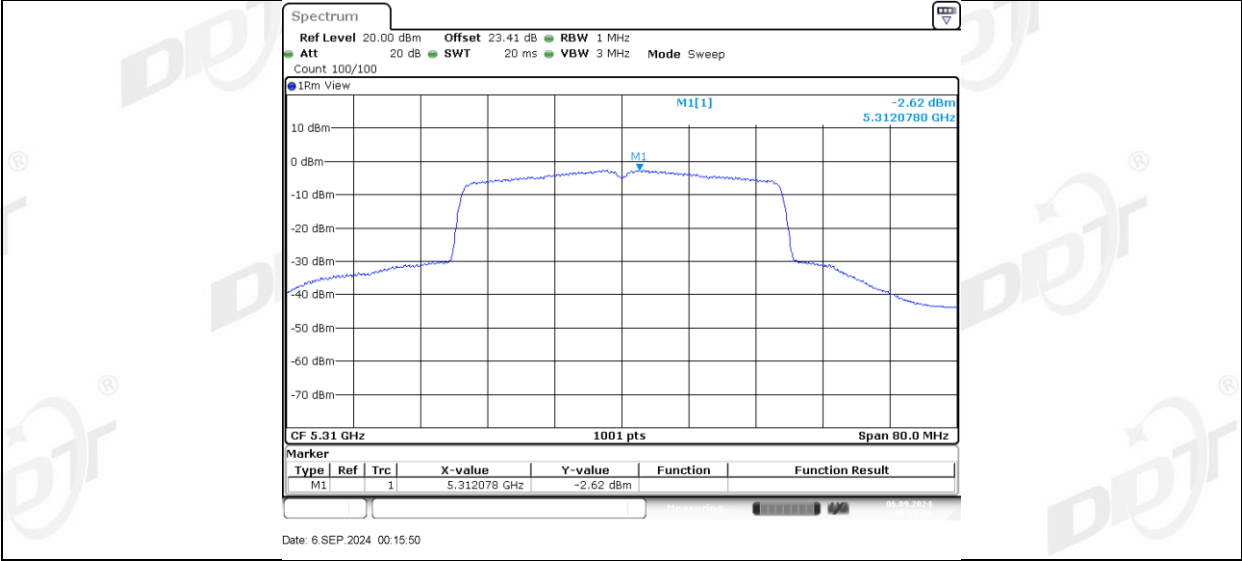
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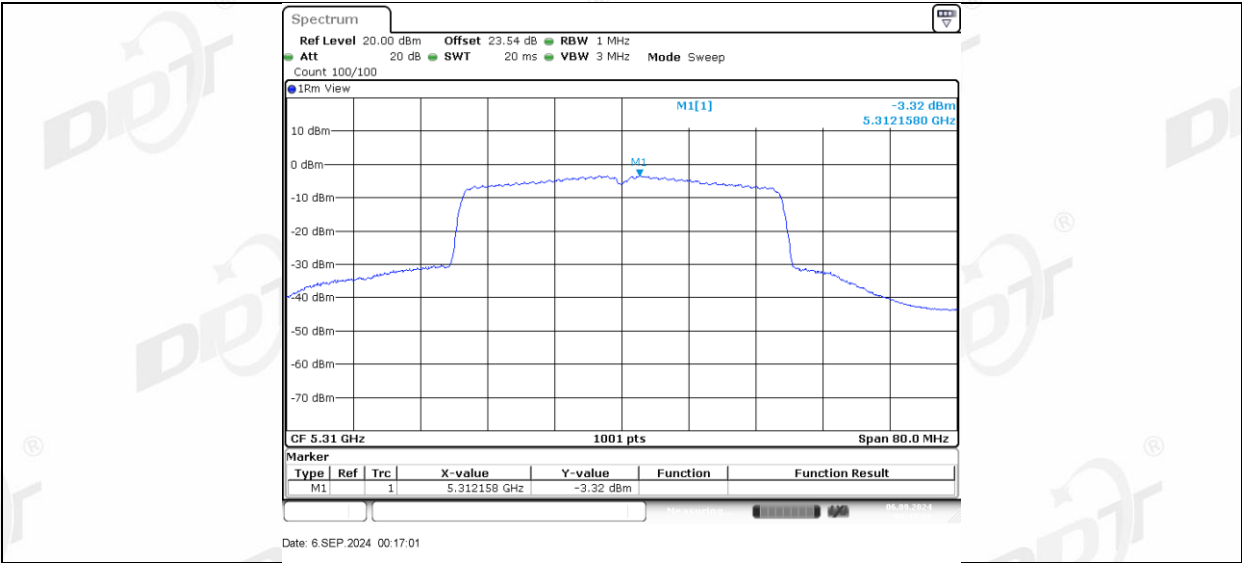
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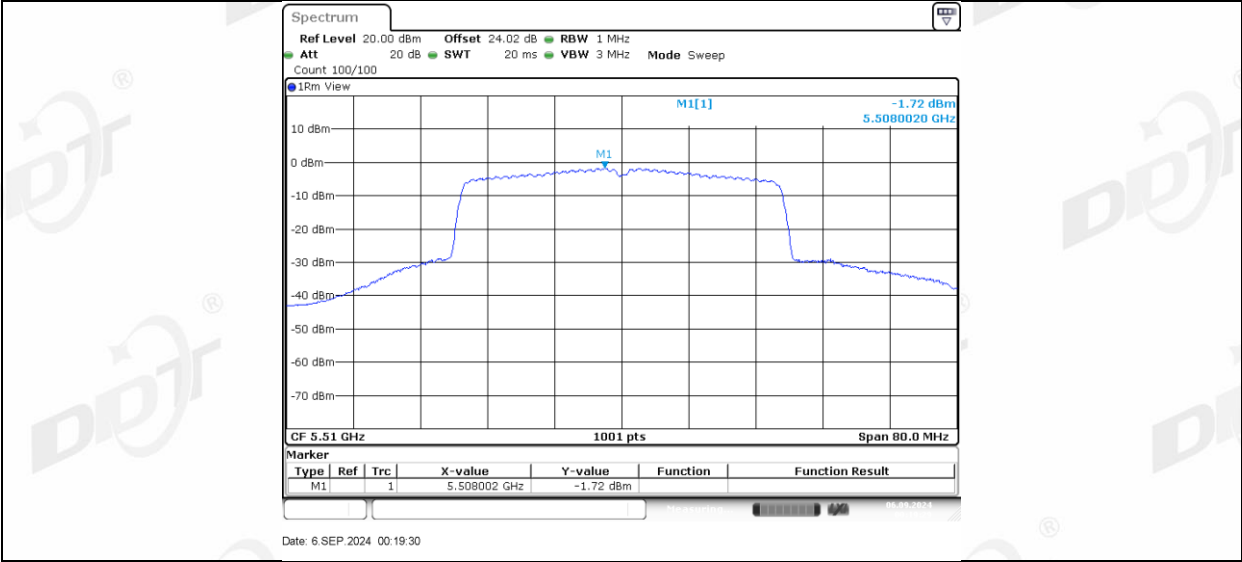
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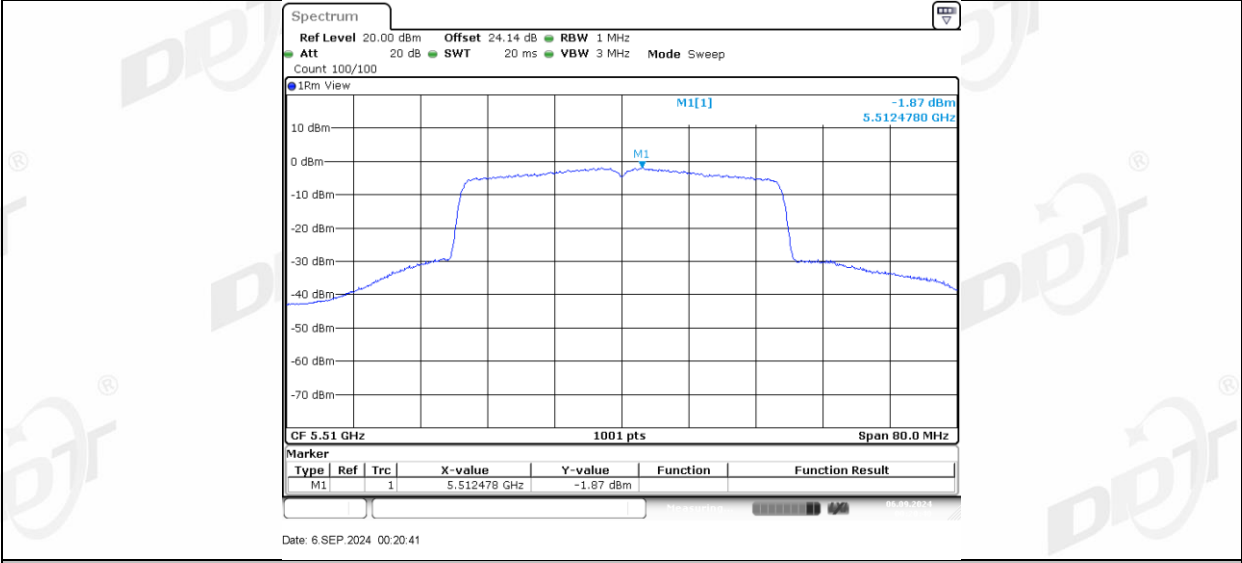
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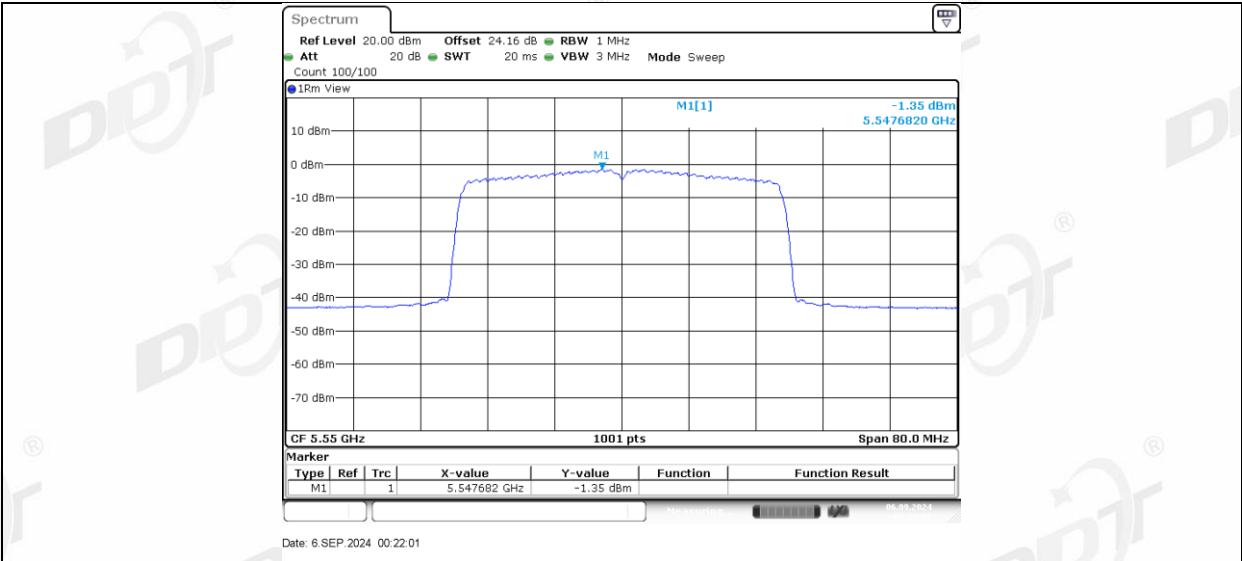
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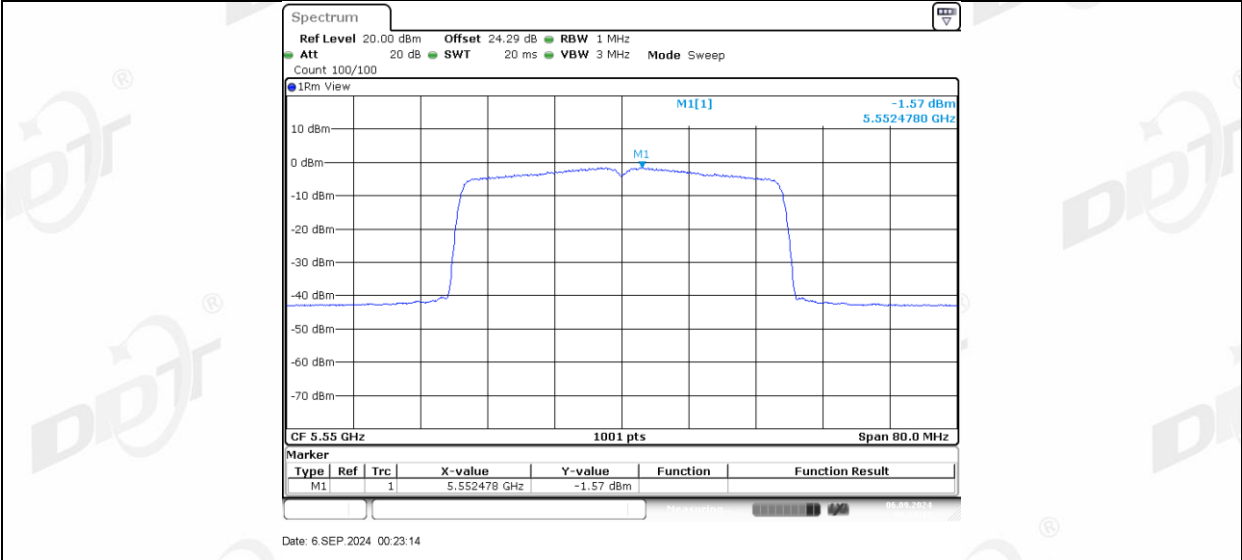
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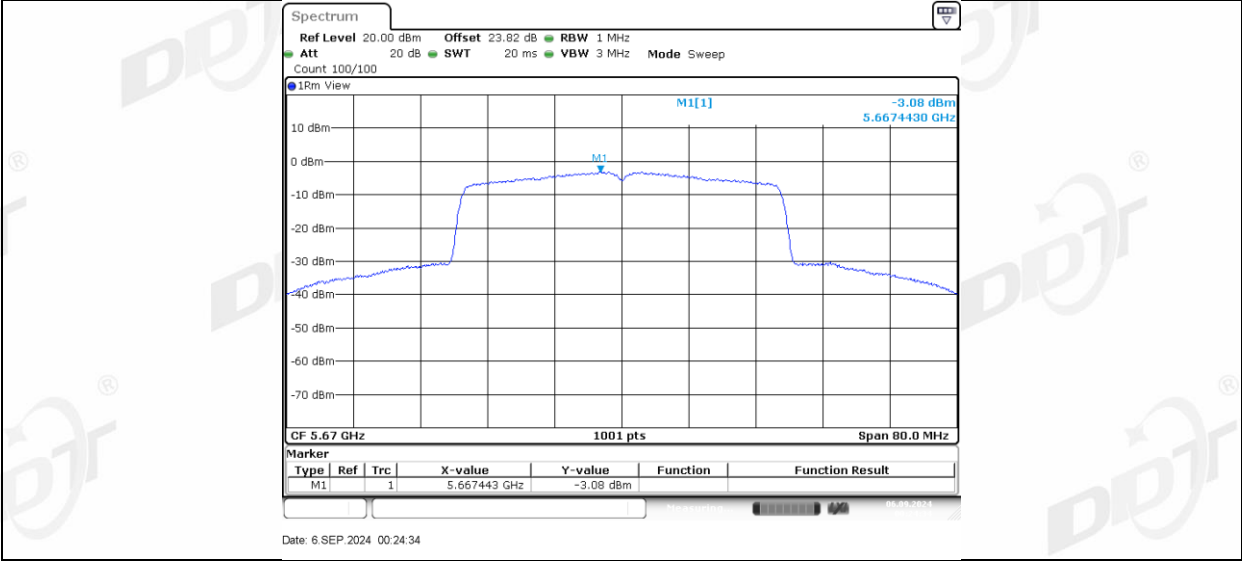
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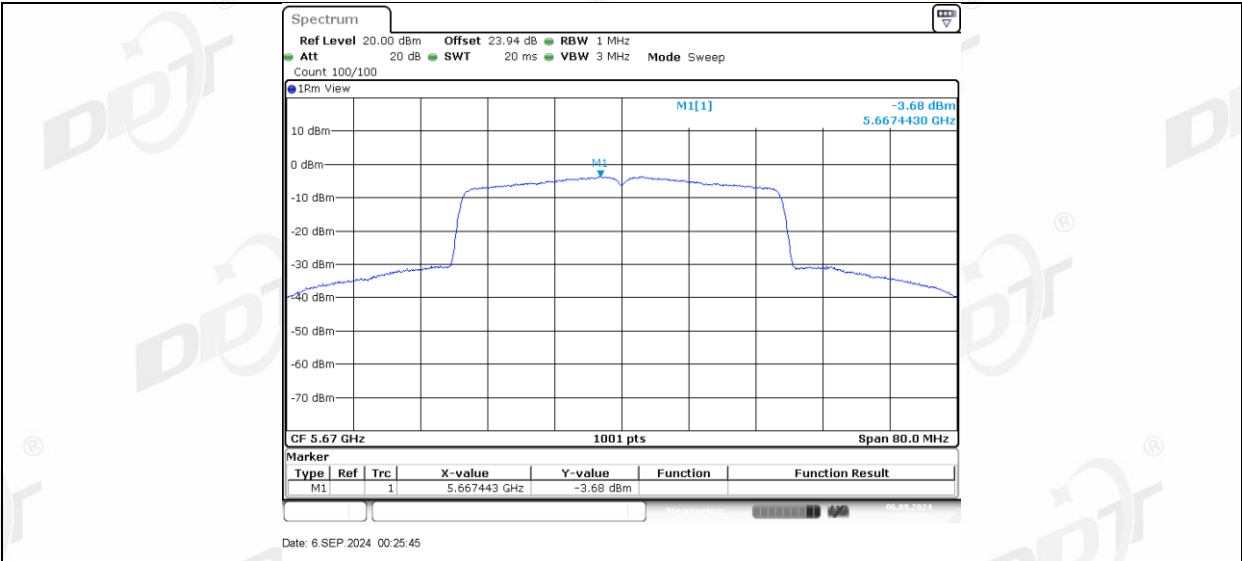
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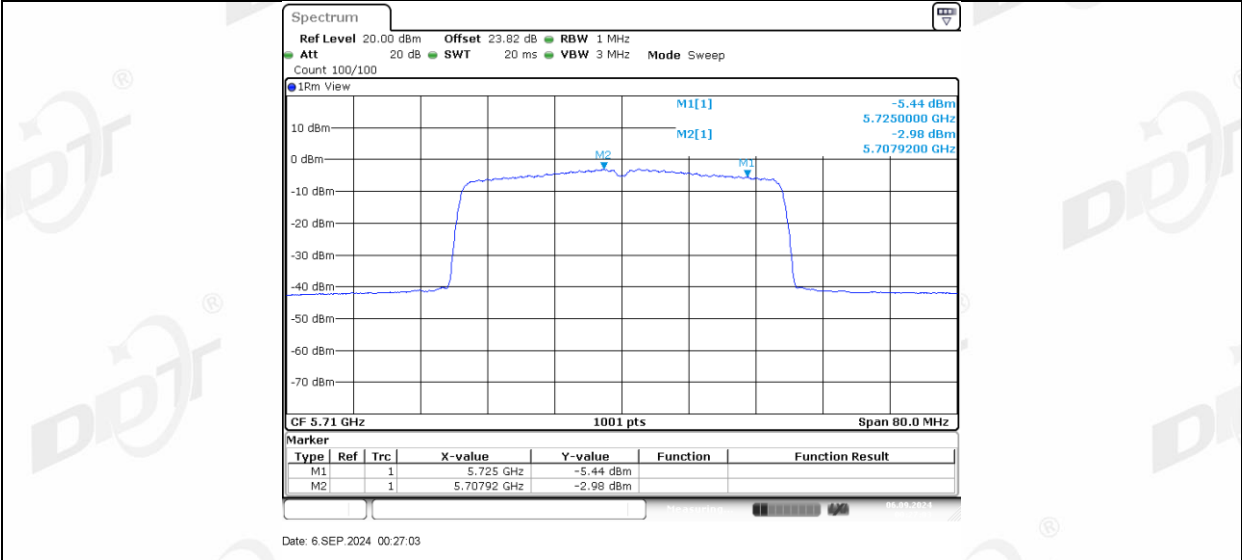
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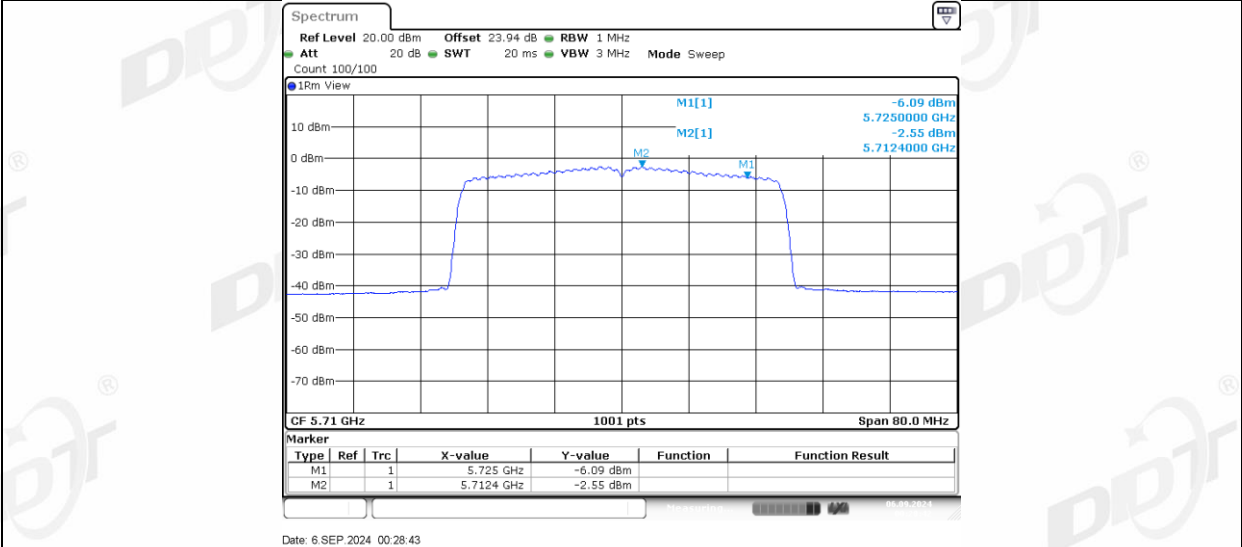
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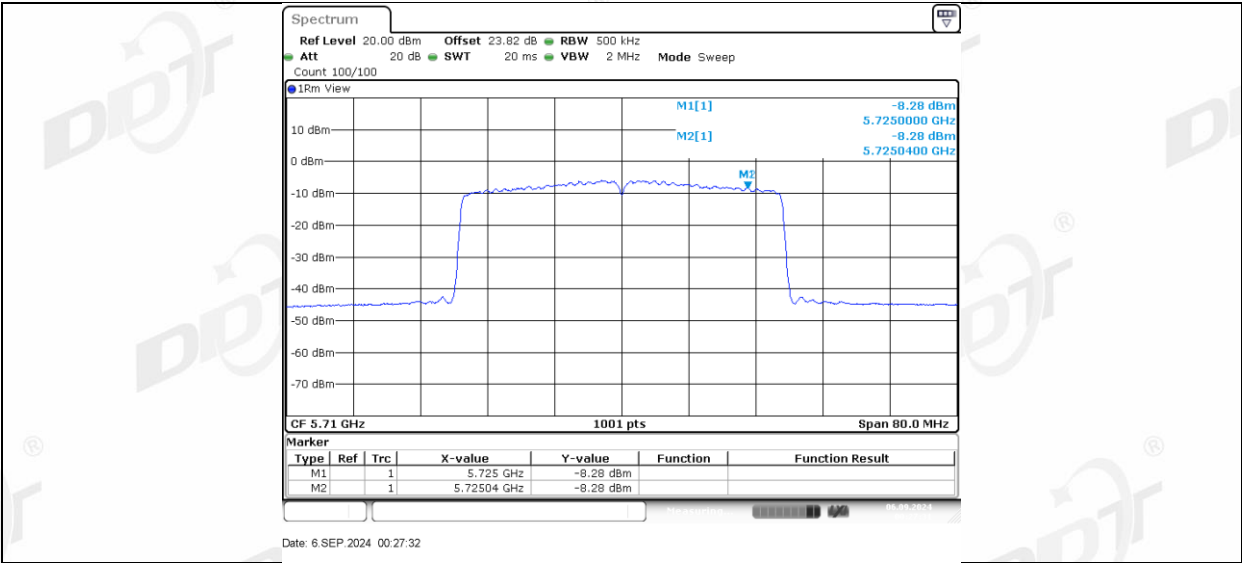
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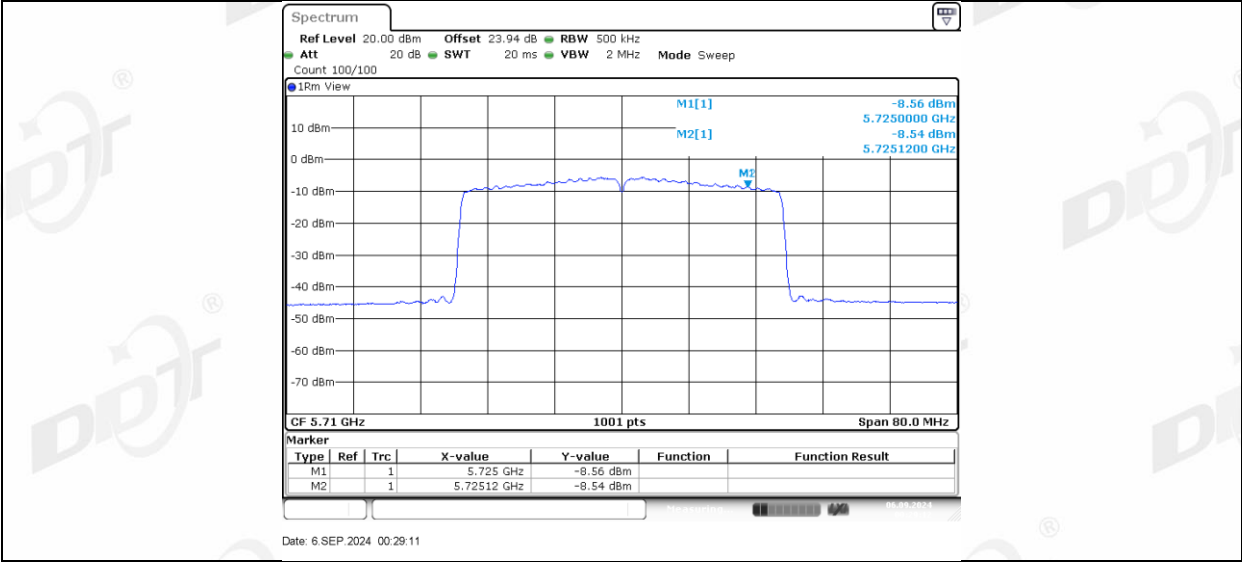
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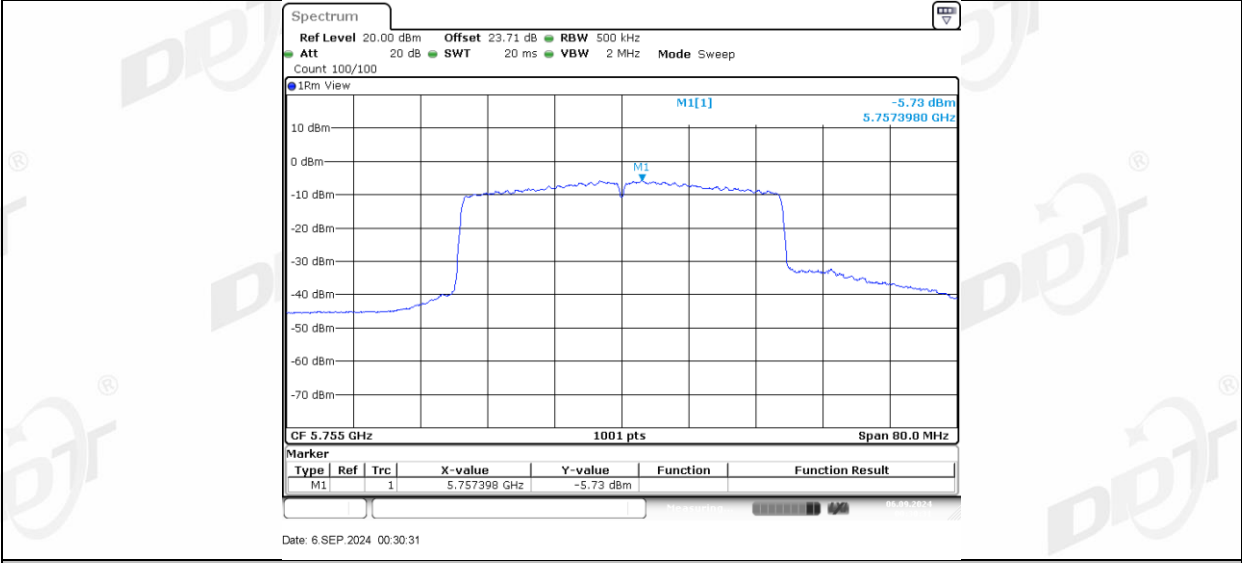
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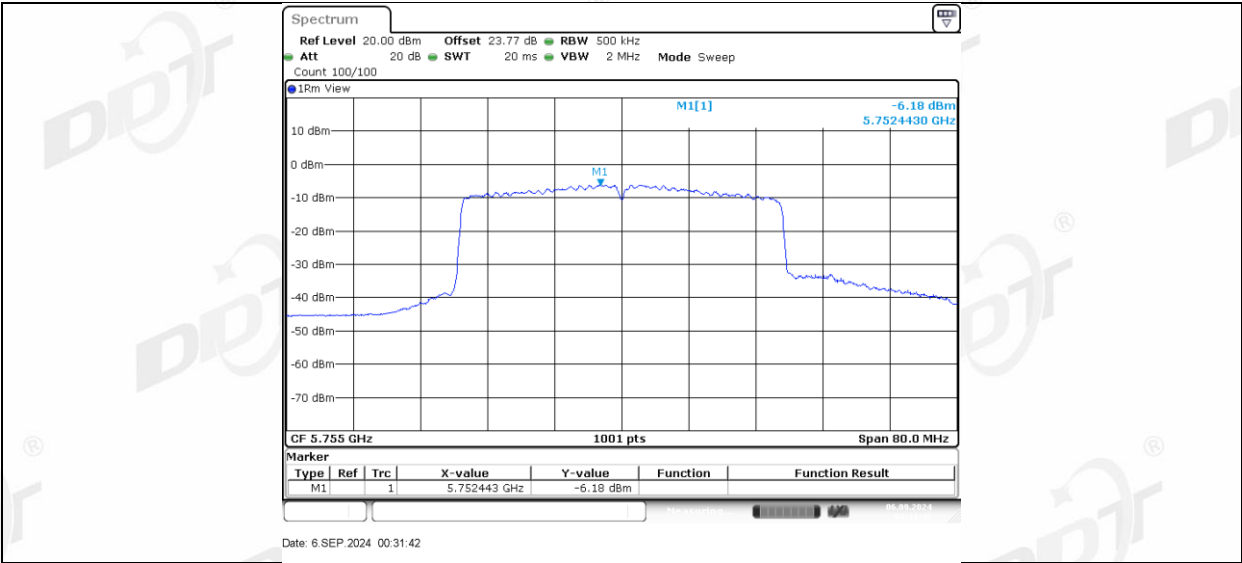
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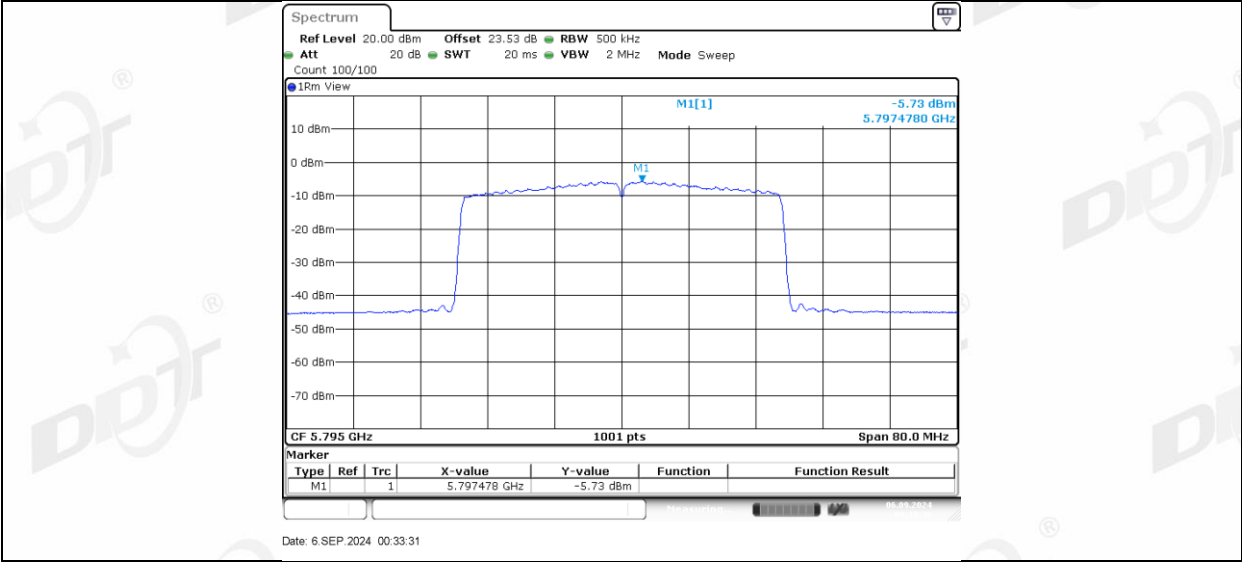
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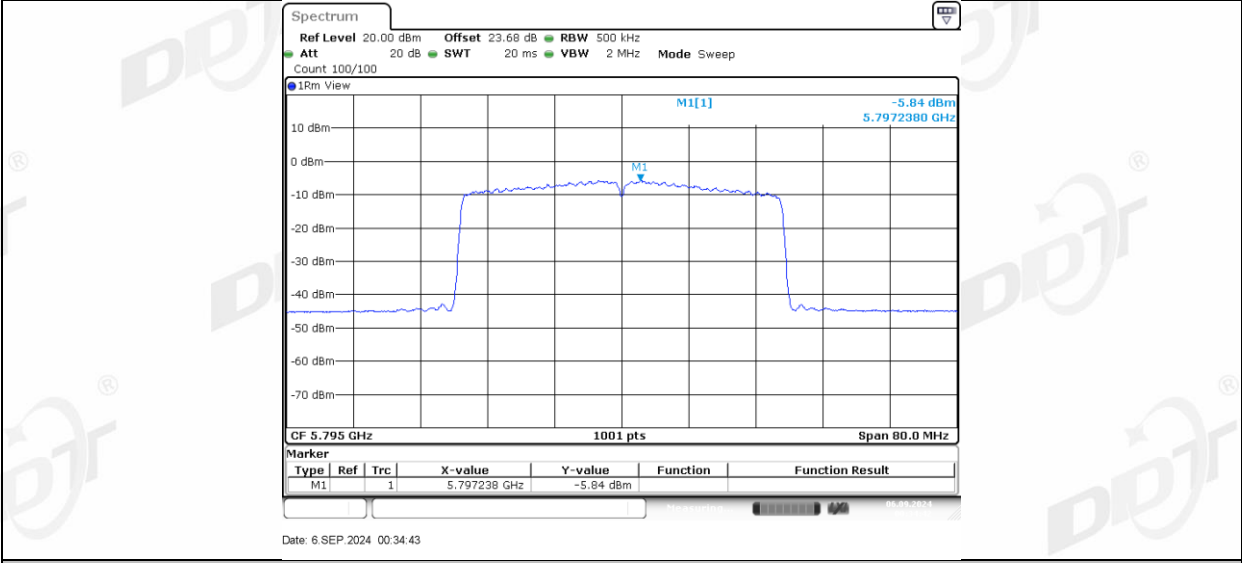
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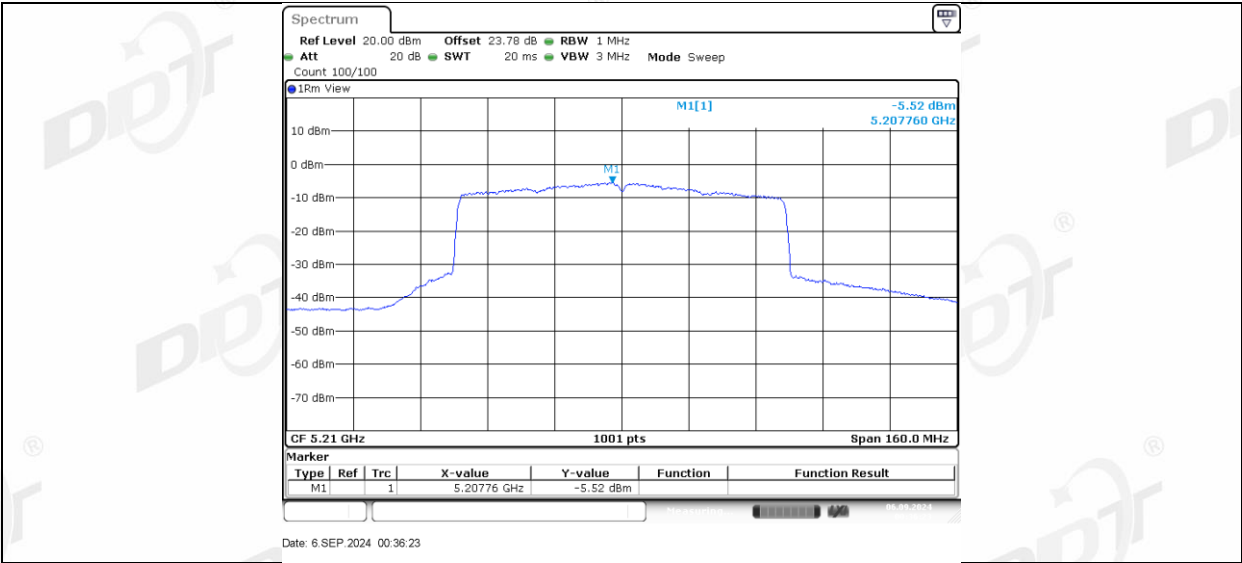
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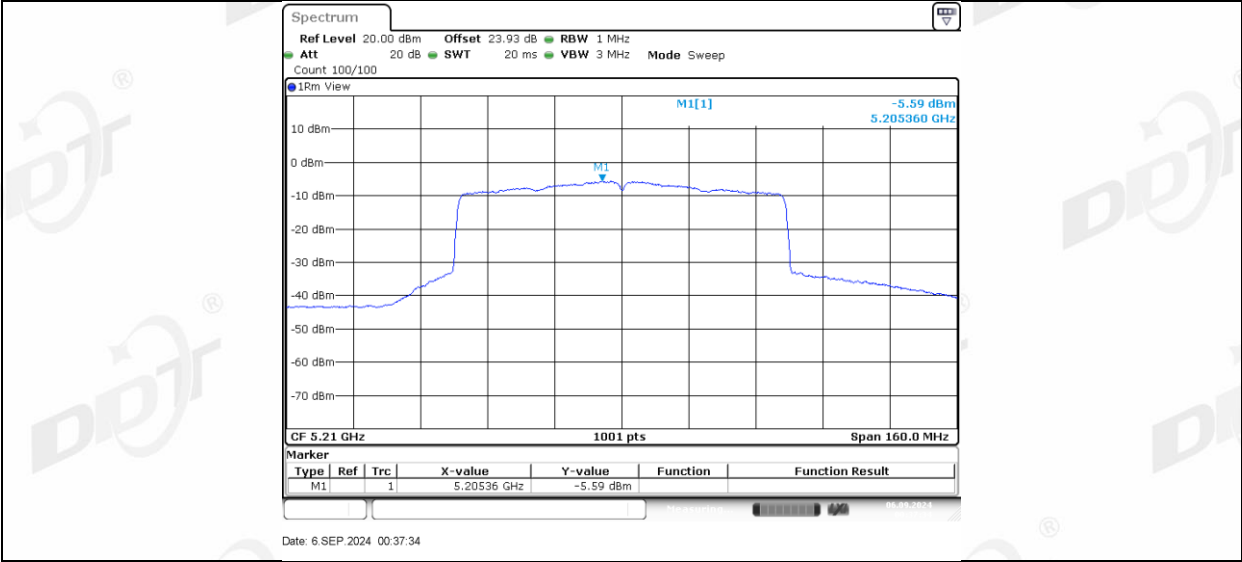
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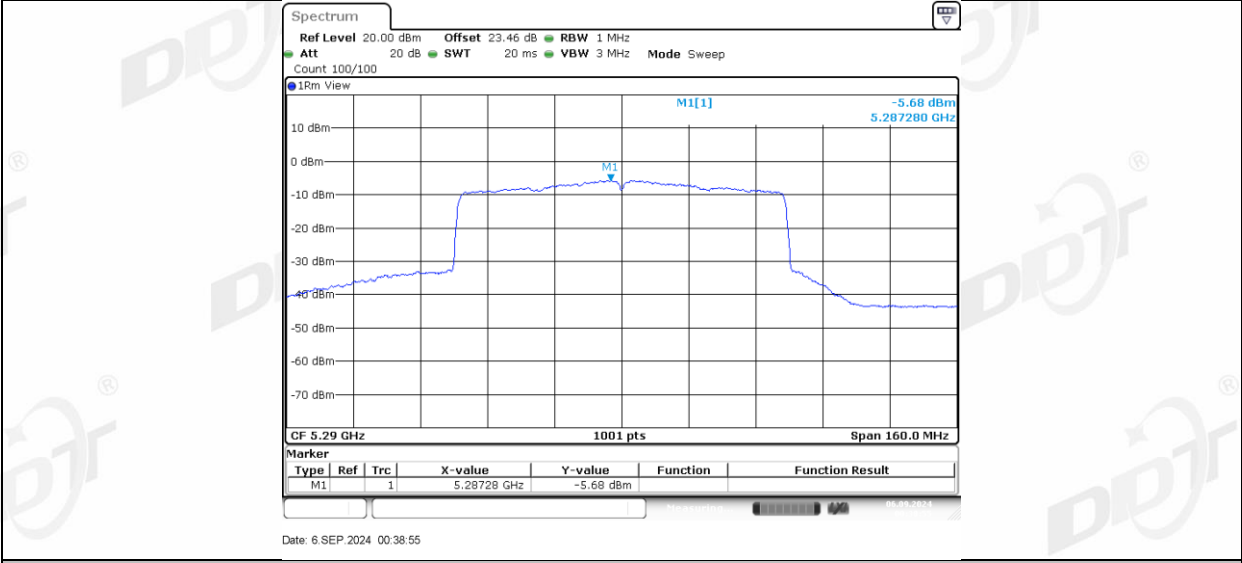
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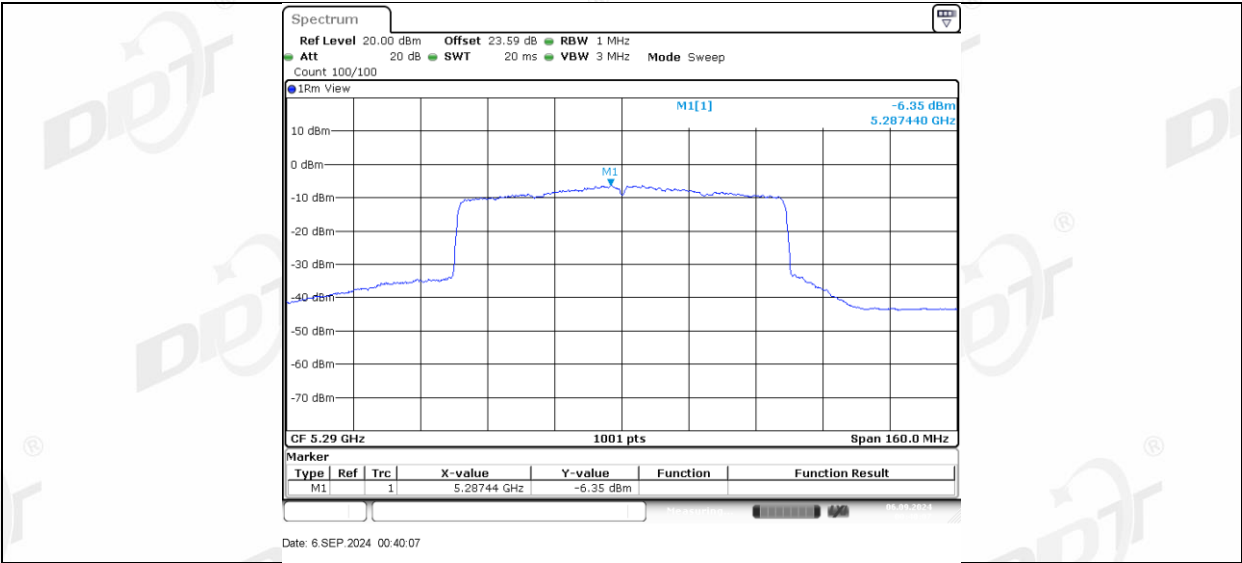
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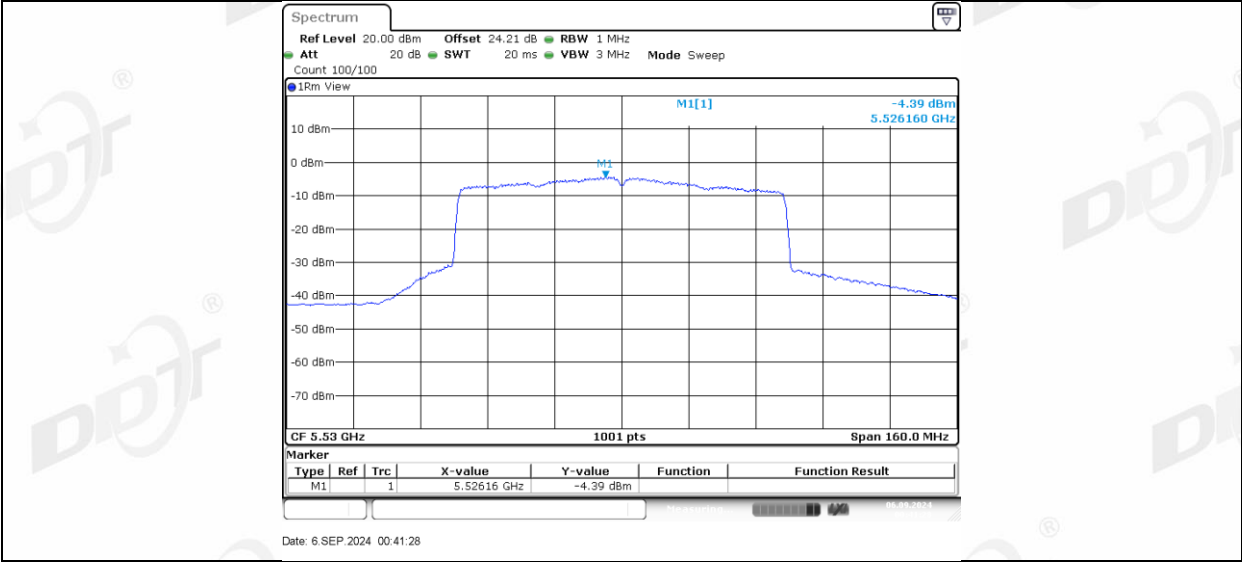
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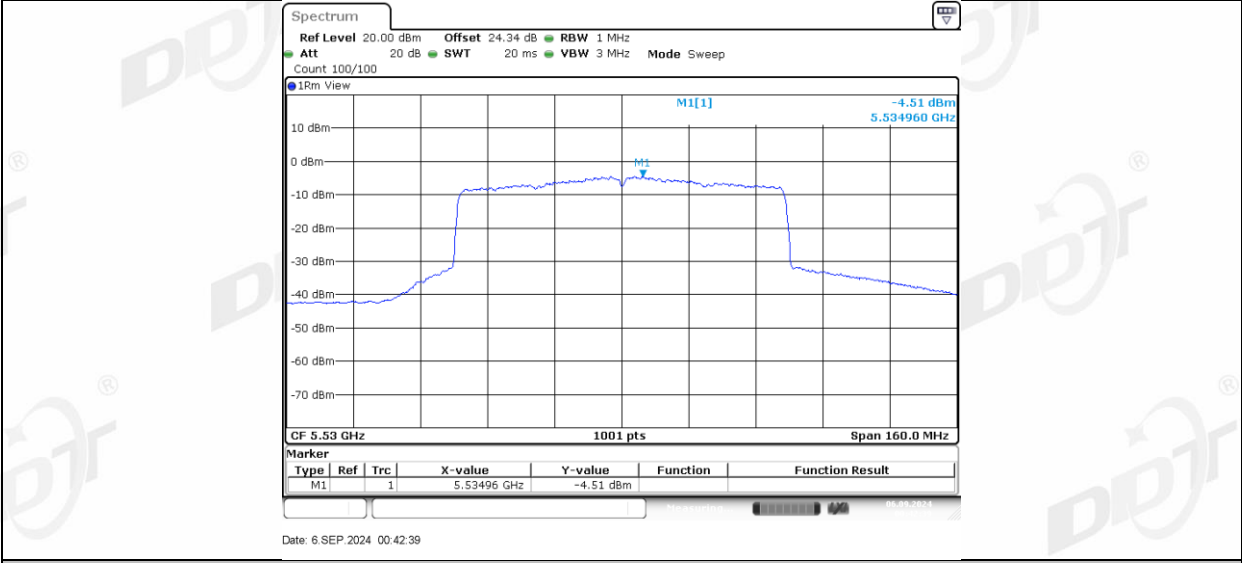
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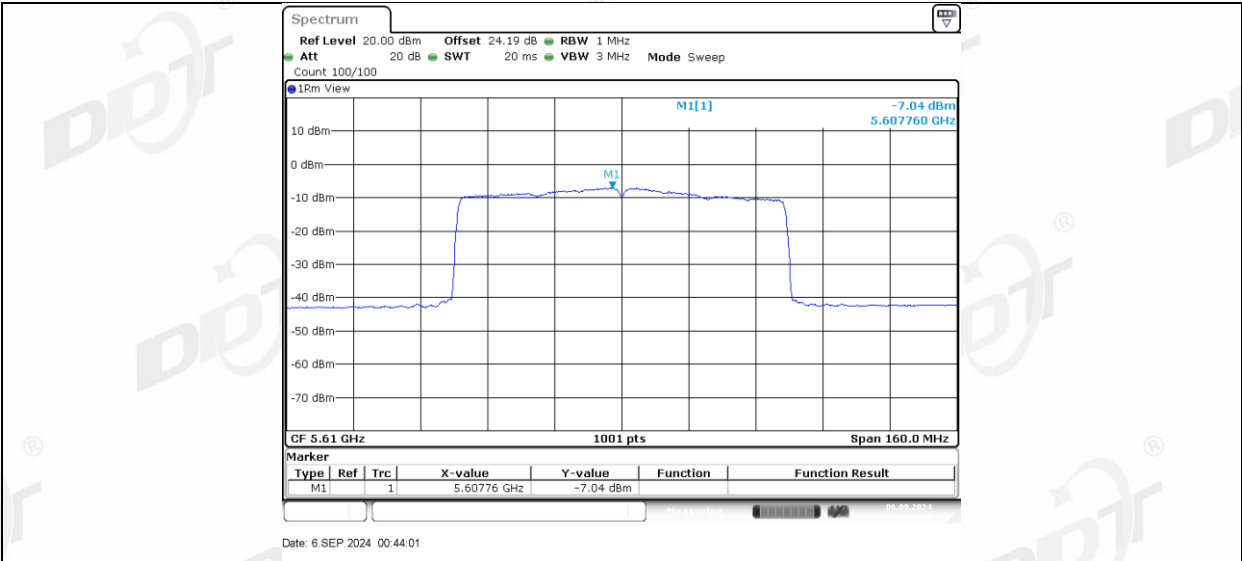
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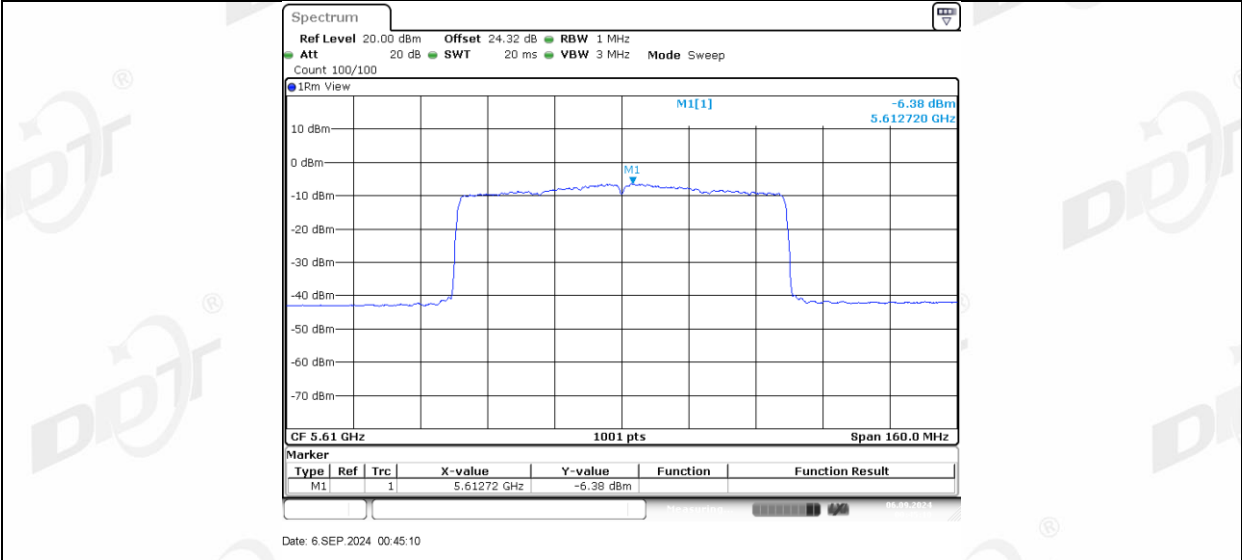
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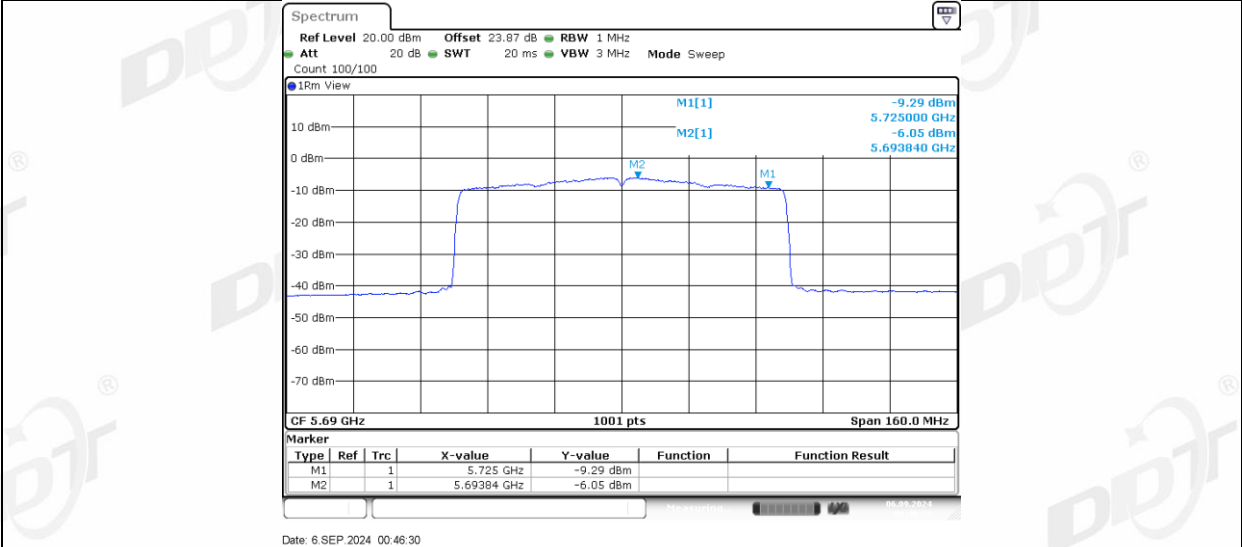
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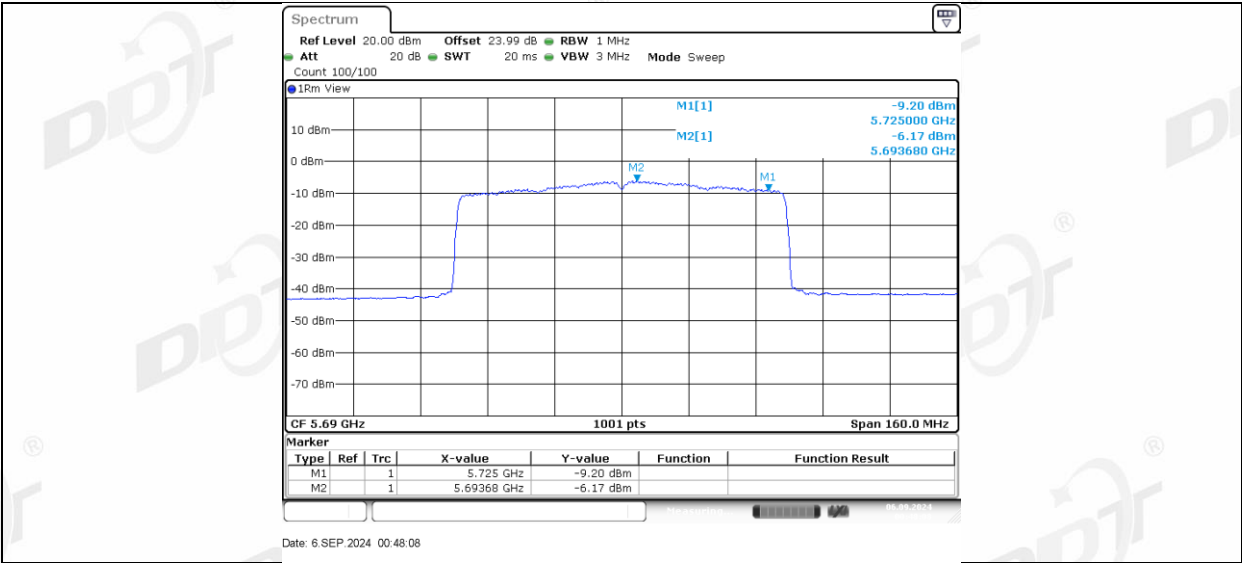
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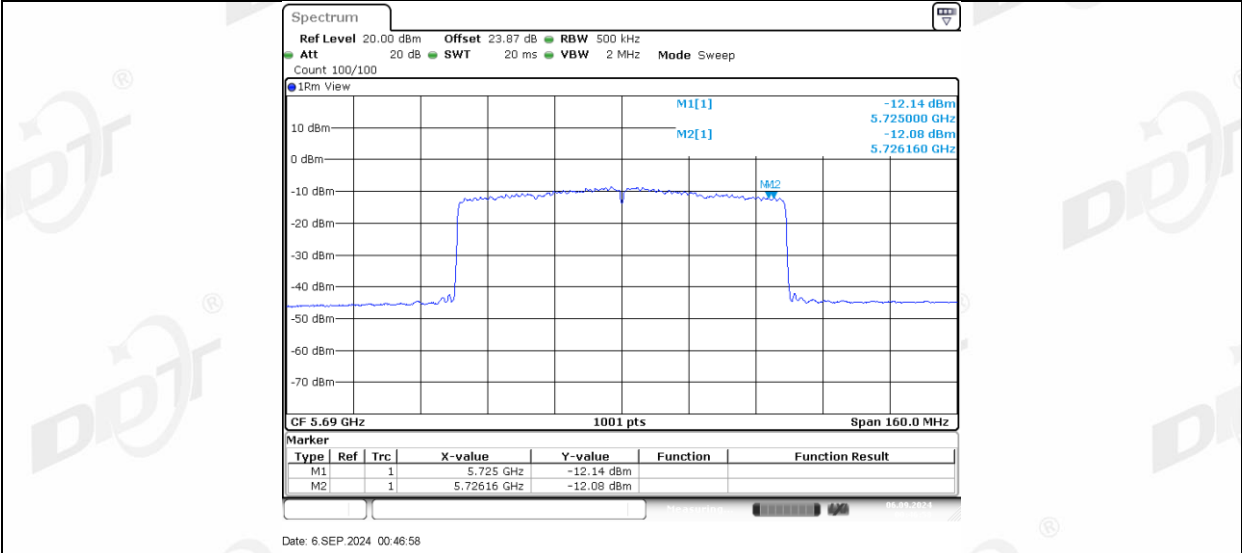
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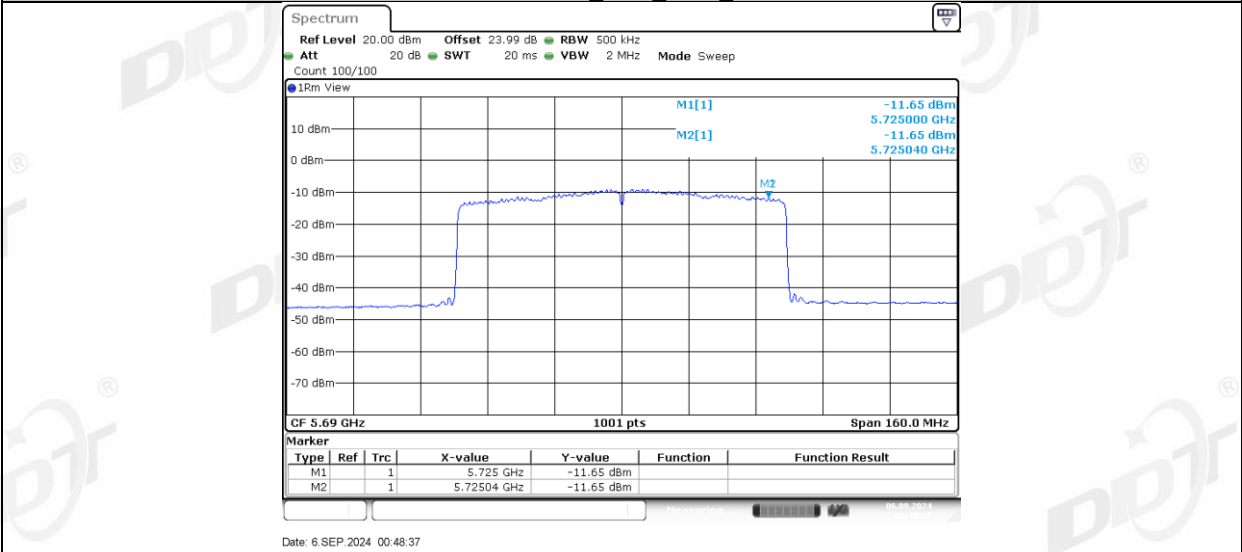
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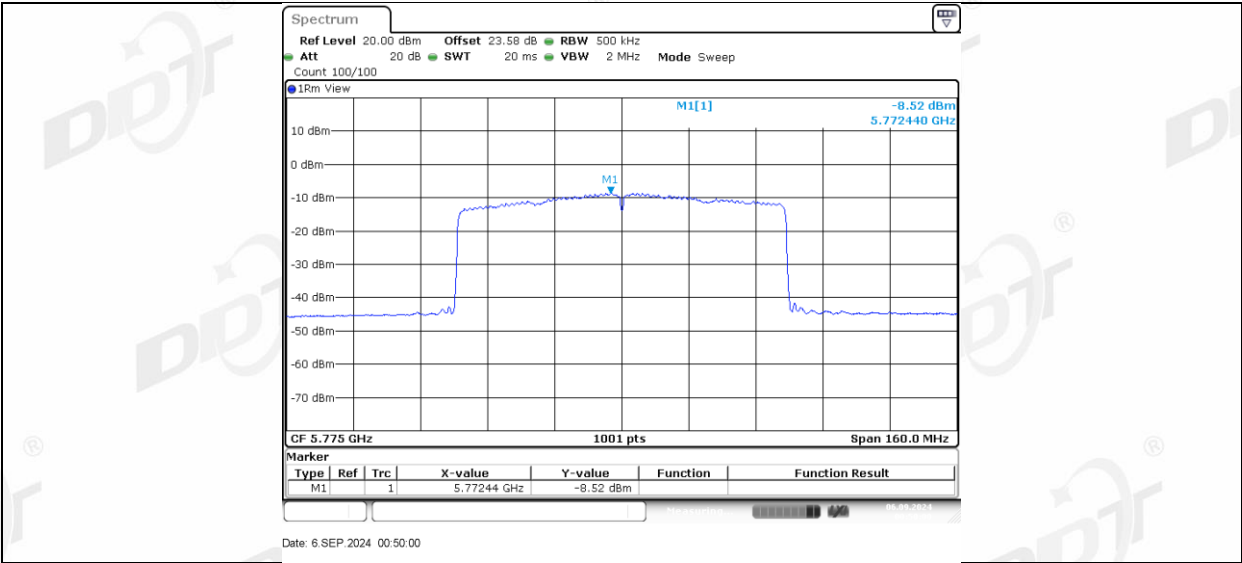
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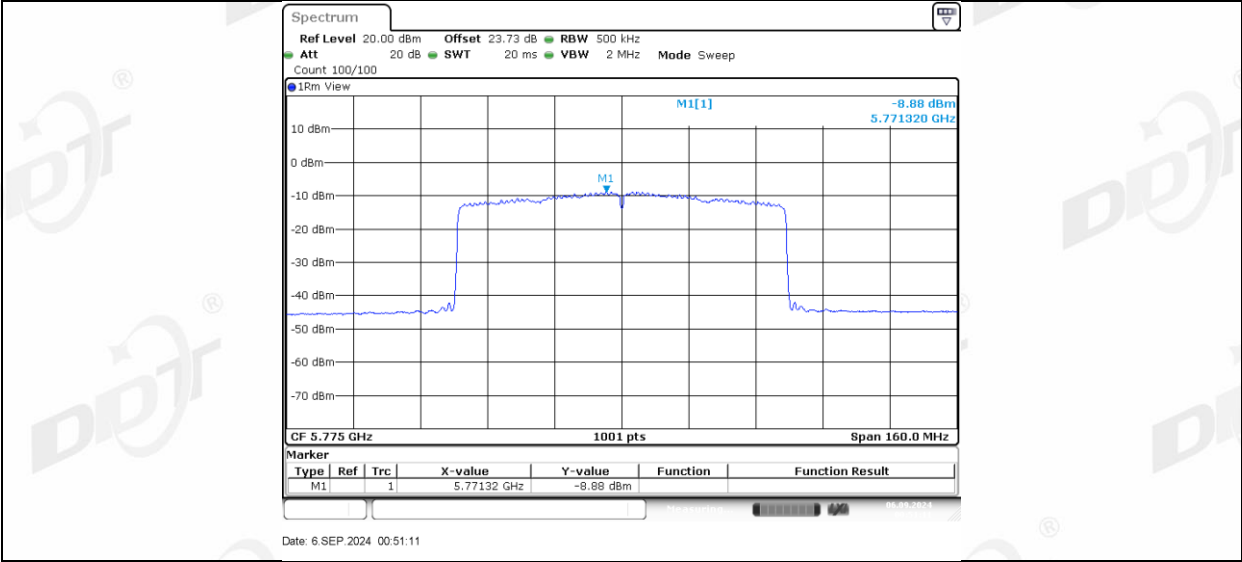
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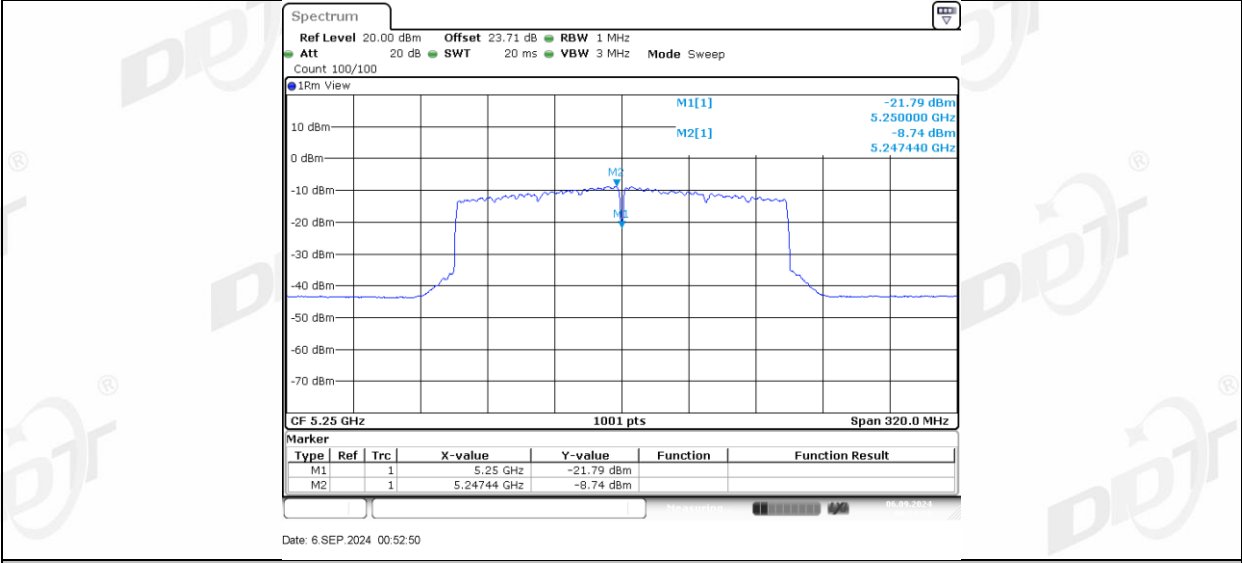
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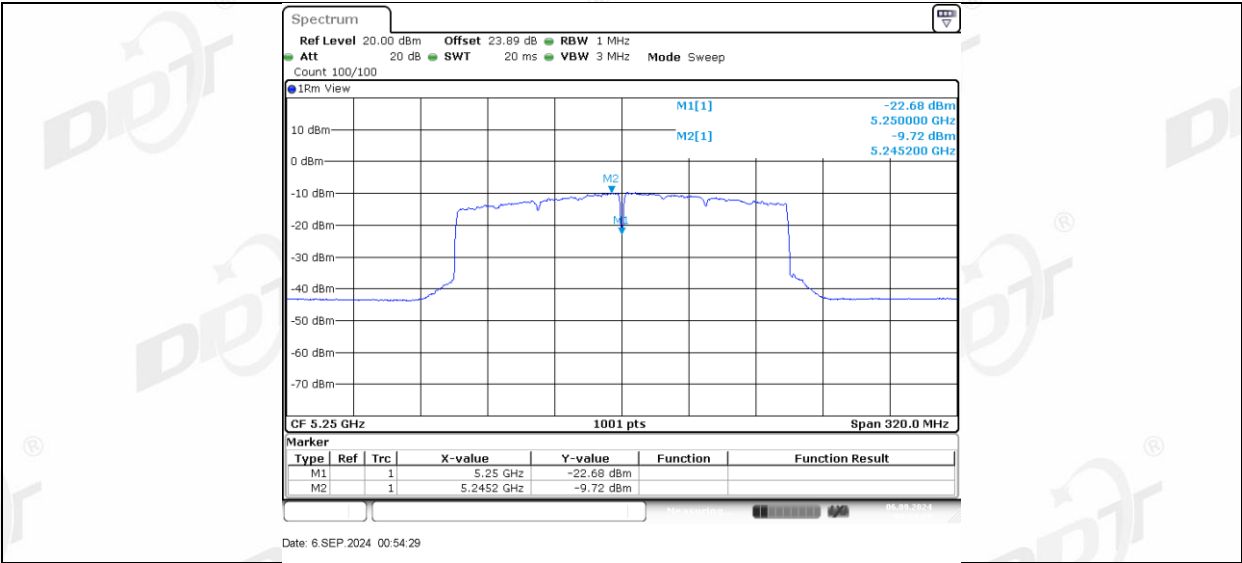
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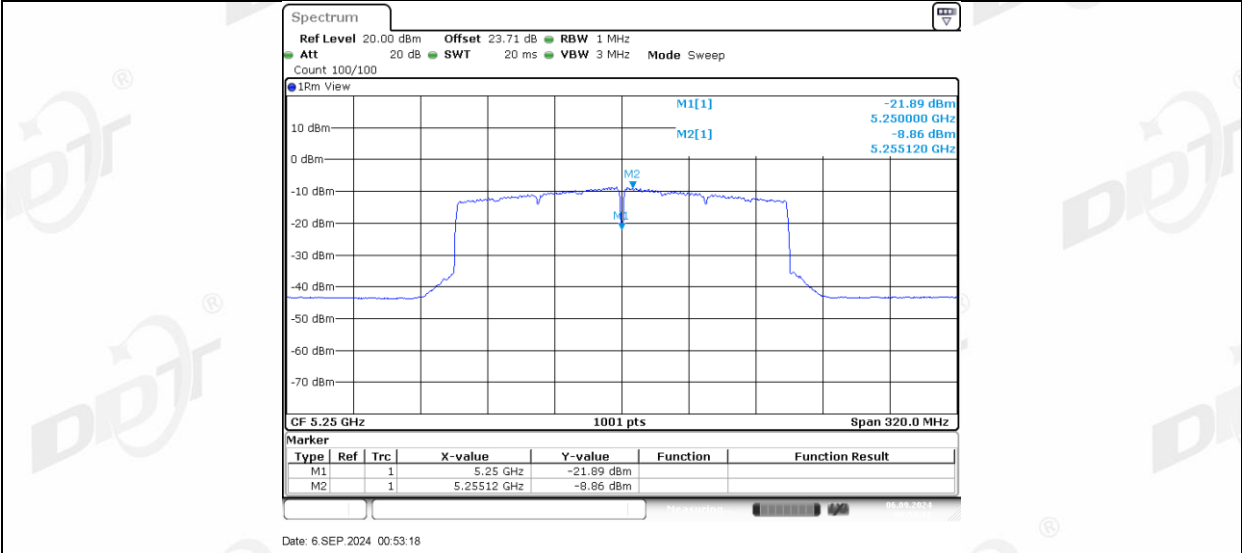
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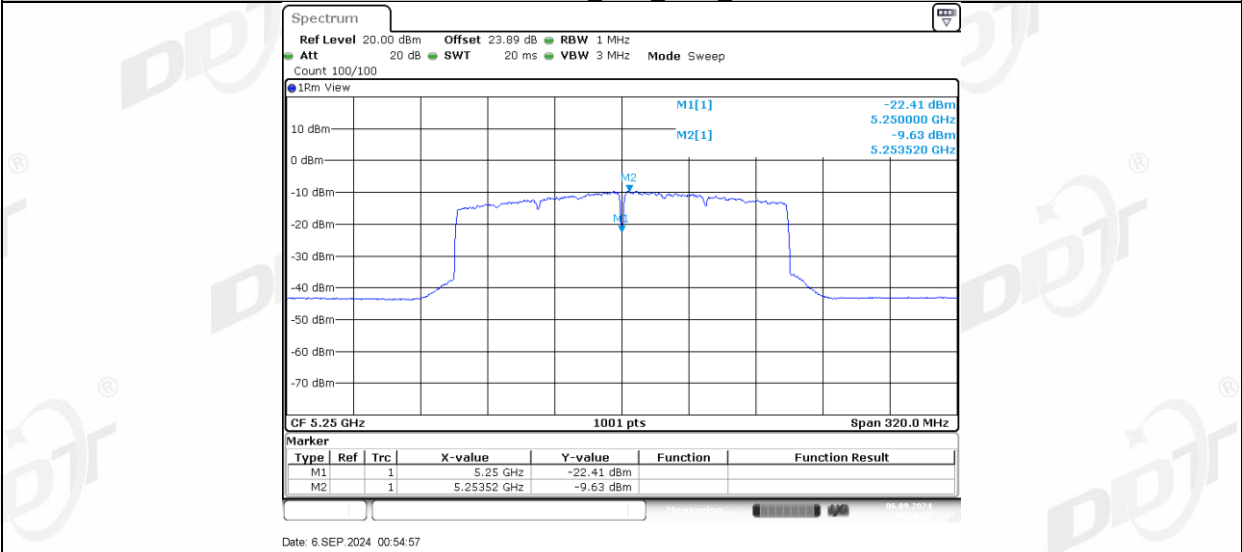
11AX160MIMO_Ant2_5250_UNII-1



11AX160MIMO_Ant1_5250_UNII-2A



11AX160MIMO_Ant2_5250_UNII-2A



11AX160MIMO_Ant1_5570



10. Frequency Stability Measurement

10.1. Limit of Frequency Stability

Manufacturers of U-NII devices are responsible for ensuring frequency stability such that an emission is maintained within the band of operation under all conditions of normal operation as specified in the user’s manual.

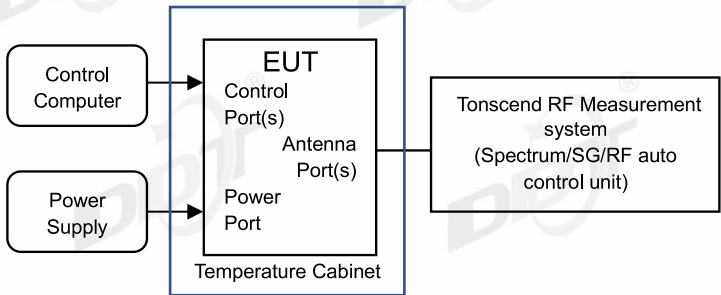
10.2. Measuring Instruments

The measuring equipment is listed in the section 4 of this test report.

10.3. Test procedures

- (1) To ensure emission at the band edge is maintained within the authorized band, those values shall be measured by radiation emissions at upper and lower frequency points, and finally compensated by frequency deviation as procedures below.
- (2) The EUT was operated at the maximum output power, and connected to the spectrum analyzer, which is set to maximum hold function and peak detector. The peak value of the power envelope was measured and noted. The upper and lower frequency points were respectively measured relatively 10 dB lower than the measured peak value.
- (3) The frequency deviation was calculated by adding the upper frequency point and the lower frequency point divided by two. Those detailed values of frequency deviation are provided in table below.

10.4. Test setup



10.5. Test result

Test Engineer:	Haofeng	Test Site:	RF Measurement System 3#
Ambient Condition:	26.5℃,43.5%RH	Test Date:	2024.09.04-2024.09.06
Test Power Supply:	AC120V/60Hz	Sample Number:	S24072915-002

Voltage								
Test Mode	Antenna	Frequency [MHz]	Voltage [Vdc]	Temperature (℃)	Deviation (Hz)	Deviation (ppm)	Limit (ppm)	Verdict
11A	Ant1	5180	NV	NT	-20000.00	-3.861004	20	PASS
			LV	NT	-20000.00	-3.861004	20	PASS
			HV	NT	-20000.00	-3.861004	20	PASS
	Ant2	5180	NV	NT	0.00	0.000000	20	PASS
			LV	NT	0.00	0.000000	20	PASS
			HV	NT	-20000.00	-3.861004	20	PASS
	Ant1	5200	NV	NT	-20000.00	-3.846154	20	PASS
			LV	NT	-20000.00	-3.846154	20	PASS
			HV	NT	-20000.00	-3.846154	20	PASS
	Ant2	5200	NV	NT	-20000.00	-3.846154	20	PASS
			LV	NT	0.00	0.000000	20	PASS
			HV	NT	-20000.00	-3.846154	20	PASS
	Ant1	5240	NV	NT	0.00	0.000000	20	PASS
			LV	NT	-20000.00	-3.816794	20	PASS
			HV	NT	-20000.00	-3.816794	20	PASS
	Ant2	5240	NV	NT	0.00	0.000000	20	PASS
			LV	NT	0.00	0.000000	20	PASS
			HV	NT	-20000.00	-3.816794	20	PASS
	Ant1	5260	NV	NT	0.00	0.000000	20	PASS
			LV	NT	-20000.00	-3.802281	20	PASS
			HV	NT	20000.00	3.802281	20	PASS
	Ant2	5260	NV	NT	0.00	0.000000	20	PASS
			LV	NT	-20000.00	-3.802281	20	PASS
			HV	NT	-20000.00	-3.802281	20	PASS
	Ant1	5280	NV	NT	-20000.00	-3.787879	20	PASS
			LV	NT	-20000.00	-3.787879	20	PASS
			HV	NT	0.00	0.000000	20	PASS
	Ant2	5280	NV	NT	-20000.00	-3.787879	20	PASS
			LV	NT	-20000.00	-3.787879	20	PASS
			HV	NT	-20000.00	-3.787879	20	PASS
	Ant1	5320	NV	NT	-20000.00	-3.759398	20	PASS
			LV	NT	-20000.00	-3.759398	20	PASS
			HV	NT	0.00	0.000000	20	PASS
	Ant2	5320	NV	NT	0.00	0.000000	20	PASS
			LV	NT	0.00	0.000000	20	PASS
			HV	NT	-20000.00	-3.759398	20	PASS
	Ant1	5500	NV	NT	-20000.00	-3.636364	20	PASS
			LV	NT	-20000.00	-3.636364	20	PASS
			HV	NT	-20000.00	-3.636364	20	PASS
	Ant2	5500	NV	NT	-20000.00	-3.636364	20	PASS
			LV	NT	20000.00	3.636364	20	PASS
			HV	NT	-20000.00	-3.636364	20	PASS
	Ant1	5580	NV	NT	-20000.00	-3.584229	20	PASS
			LV	NT	-20000.00	-3.584229	20	PASS
			HV	NT	0.00	0.000000	20	PASS
	Ant2	5580	NV	NT	-20000.00	-3.584229	20	PASS
			LV	NT	0.00	0.000000	20	PASS
			HV	NT	-20000.00	-3.584229	20	PASS
	Ant1	5700	NV	NT	-20000.00	-3.508772	20	PASS
			LV	NT	-20000.00	-3.508772	20	PASS
			HV	NT	0.00	0.000000	20	PASS
	Ant2	5700	NV	NT	-20000.00	-3.508772	20	PASS
			LV	NT	0.00	0.000000	20	PASS
			HV	NT	0.00	0.000000	20	PASS
	Ant1	5720	NV	NT	-20000.00	-3.496503	20	PASS
			LV	NT	0.00	0.000000	20	PASS
			HV	NT	0.00	0.000000	20	PASS

	Ant2	5720	NV	NT	0.00	0.000000	20	PASS
			LV	NT	0.00	0.000000	20	PASS
			HV	NT	-20000.00	-3.496503	20	PASS
	Ant1	5745	NV	NT	-20000.00	-3.481288	20	PASS
			LV	NT	-20000.00	-3.481288	20	PASS
			HV	NT	0.00	0.000000	20	PASS
	Ant2	5745	NV	NT	20000.00	3.481288	20	PASS
			LV	NT	-20000.00	-3.481288	20	PASS
			HV	NT	0.00	0.000000	20	PASS
	Ant1	5785	NV	NT	-20000.00	-3.457217	20	PASS
			LV	NT	0.00	0.000000	20	PASS
			HV	NT	-20000.00	-3.457217	20	PASS
	Ant2	5785	NV	NT	-20000.00	-3.457217	20	PASS
			LV	NT	0.00	0.000000	20	PASS
			HV	NT	0.00	0.000000	20	PASS
	Ant1	5825	NV	NT	-20000.00	-3.433476	20	PASS
			LV	NT	0.00	0.000000	20	PASS
			HV	NT	-20000.00	-3.433476	20	PASS
	Ant2	5825	NV	NT	-20000.00	-3.433476	20	PASS
			LV	NT	0.00	0.000000	20	PASS
			HV	NT	0.00	0.000000	20	PASS
11N40MIMO	Ant1	5190	NV	NT	0.00	0.000000	20	PASS
			LV	NT	-40000.00	-7.707129	20	PASS
			HV	NT	0.00	0.000000	20	PASS
	Ant2	5190	NV	NT	0.00	0.000000	20	PASS
			LV	NT	0.00	0.000000	20	PASS
			HV	NT	0.00	0.000000	20	PASS
	Ant1	5230	NV	NT	0.00	0.000000	20	PASS
			LV	NT	0.00	0.000000	20	PASS
			HV	NT	-40000.00	-7.648184	20	PASS
	Ant2	5230	NV	NT	0.00	0.000000	20	PASS
			LV	NT	0.00	0.000000	20	PASS
			HV	NT	0.00	0.000000	20	PASS
	Ant1	5270	NV	NT	0.00	0.000000	20	PASS
			LV	NT	0.00	0.000000	20	PASS
			HV	NT	0.00	0.000000	20	PASS
	Ant2	5270	NV	NT	0.00	0.000000	20	PASS
			LV	NT	0.00	0.000000	20	PASS
			HV	NT	0.00	0.000000	20	PASS
	Ant1	5310	NV	NT	0.00	0.000000	20	PASS
			LV	NT	0.00	0.000000	20	PASS
			HV	NT	0.00	0.000000	20	PASS
	Ant2	5310	NV	NT	0.00	0.000000	20	PASS
			LV	NT	0.00	0.000000	20	PASS
			HV	NT	0.00	0.000000	20	PASS
	Ant1	5510	NV	NT	0.00	0.000000	20	PASS
			LV	NT	0.00	0.000000	20	PASS
			HV	NT	0.00	0.000000	20	PASS
	Ant2	5510	NV	NT	-40000.00	-7.259528	20	PASS
			LV	NT	0.00	0.000000	20	PASS
			HV	NT	0.00	0.000000	20	PASS
	Ant1	5550	NV	NT	0.00	0.000000	20	PASS
			LV	NT	0.00	0.000000	20	PASS
			HV	NT	-40000.00	-7.207207	20	PASS
	Ant2	5550	NV	NT	0.00	0.000000	20	PASS
			LV	NT	0.00	0.000000	20	PASS
			HV	NT	0.00	0.000000	20	PASS
	Ant1	5670	NV	NT	0.00	0.000000	20	PASS
			LV	NT	0.00	0.000000	20	PASS
			HV	NT	-40000.00	-7.054674	20	PASS
	Ant2	5670	NV	NT	0.00	0.000000	20	PASS
			LV	NT	0.00	0.000000	20	PASS
			HV	NT	0.00	0.000000	20	PASS
	Ant1	5710	NV	NT	0.00	0.000000	20	PASS
			LV	NT	0.00	0.000000	20	PASS
			HV	NT	0.00	0.000000	20	PASS
	Ant2	5710	NV	NT	-40000.00	-7.005254	20	PASS

	Ant1	5755	LV	NT	0.00	0.000000	20	PASS
			HV	NT	0.00	0.000000	20	PASS
			NV	NT	0.00	0.000000	20	PASS
	Ant2	5755	LV	NT	-40000.00	-6.950478	20	PASS
			HV	NT	0.00	0.000000	20	PASS
			NV	NT	0.00	0.000000	20	PASS
	Ant1	5795	LV	NT	-40000.00	-6.950478	20	PASS
			HV	NT	0.00	0.000000	20	PASS
			NV	NT	0.00	0.000000	20	PASS
	Ant2	5795	LV	NT	-80000.00	-13.805004	20	PASS
			HV	NT	0.00	0.000000	20	PASS
			NV	NT	-40000.00	-6.902502	20	PASS
11AC80MIMO	Ant1	5210	NV	NT	0.00	0.000000	20	PASS
			LV	NT	0.00	0.000000	20	PASS
			HV	NT	0.00	0.000000	20	PASS
	Ant2	5210	NV	NT	0.00	0.000000	20	PASS
			LV	NT	0.00	0.000000	20	PASS
			HV	NT	0.00	0.000000	20	PASS
	Ant1	5290	NV	NT	0.00	0.000000	20	PASS
			LV	NT	0.00	0.000000	20	PASS
			HV	NT	0.00	0.000000	20	PASS
	Ant2	5290	NV	NT	80000.00	15.122873	20	PASS
			LV	NT	80000.00	15.122873	20	PASS
			HV	NT	80000.00	15.122873	20	PASS
	Ant1	5530	NV	NT	0.00	0.000000	20	PASS
			LV	NT	0.00	0.000000	20	PASS
			HV	NT	0.00	0.000000	20	PASS
	Ant2	5530	NV	NT	0.00	0.000000	20	PASS
			LV	NT	80000.00	14.466546	20	PASS
			HV	NT	80000.00	14.466546	20	PASS
	Ant1	5610	NV	NT	0.00	0.000000	20	PASS
			LV	NT	0.00	0.000000	20	PASS
			HV	NT	0.00	0.000000	20	PASS
	Ant2	5610	NV	NT	0.00	0.000000	20	PASS
			LV	NT	80000.00	14.260250	20	PASS
			HV	NT	0.00	0.000000	20	PASS
	Ant1	5690	NV	NT	0.00	0.000000	20	PASS
			LV	NT	0.00	0.000000	20	PASS
			HV	NT	0.00	0.000000	20	PASS
	Ant2	5690	NV	NT	0.00	0.000000	20	PASS
			LV	NT	0.00	0.000000	20	PASS
			HV	NT	0.00	0.000000	20	PASS
	Ant1	5775	NV	NT	80000.00	13.852814	20	PASS
			LV	NT	0.00	0.000000	20	PASS
			HV	NT	0.00	0.000000	20	PASS
	Ant2	5775	NV	NT	0.00	0.000000	20	PASS
			LV	NT	-80000.00	-13.852814	20	PASS
			HV	NT	-80000.00	-13.852814	20	PASS
11AC160MIMO	Ant1	5250	NV	NT	0.00	0.000000	20	PASS
			LV	NT	0.00	0.000000	20	PASS
			HV	NT	0.00	0.000000	20	PASS
	Ant2	5250	NV	NT	0.00	0.000000	20	PASS
			LV	NT	0.00	0.000000	20	PASS
			HV	NT	0.00	0.000000	20	PASS
	Ant1	5570	NV	NT	0.00	0.000000	20	PASS
			LV	NT	0.00	0.000000	20	PASS
			HV	NT	0.00	0.000000	20	PASS
	Ant2	5570	NV	NT	0.00	0.000000	20	PASS
			LV	NT	0.00	0.000000	20	PASS
			HV	NT	0.00	0.000000	20	PASS

Temperature								
Test Mode	Antenna	Frequency [MHz]	Voltage [Vdc]	Temperature (°C)	Deviation (Hz)	Deviation (ppm)	Limit (ppm)	Verdict
11A	Ant1	5180	NV	0	-	-3.861004	20	PASS

					20000.00				
			NV	10	-	20000.00	-3.861004	20	PASS
			NV	20	-	20000.00	-3.861004	20	PASS
			NV	30	-	20000.00	-3.861004	20	PASS
			NV	40	0.00	0.000000	20	PASS	
	Ant2	5180	NV	0	0.00	0.000000	20	PASS	
			NV	10	-	20000.00	-3.861004	20	PASS
			NV	20	-	20000.00	-3.861004	20	PASS
			NV	30	-	20000.00	-3.861004	20	PASS
			NV	40	0.00	0.000000	20	PASS	
	Ant1	5200	NV	0	-	20000.00	-3.846154	20	PASS
			NV	10	-	20000.00	-3.846154	20	PASS
			NV	20	-	20000.00	-3.846154	20	PASS
			NV	30	-	40000.00	-7.692308	20	PASS
			NV	40	-	20000.00	-3.846154	20	PASS
	Ant2	5200	NV	0	0.00	0.000000	20	PASS	
			NV	10	-	20000.00	-3.846154	20	PASS
			NV	20	0.00	0.000000	20	PASS	
			NV	30	0.00	0.000000	20	PASS	
			NV	40	-	20000.00	-3.846154	20	PASS
	Ant1	5240	NV	0	-	20000.00	-3.816794	20	PASS
			NV	10	-	20000.00	-3.816794	20	PASS
			NV	20	-	20000.00	-3.816794	20	PASS
			NV	30	-	20000.00	-3.816794	20	PASS
			NV	40	20000.00	3.816794	20	PASS	
	Ant2	5240	NV	0	0.00	0.000000	20	PASS	
			NV	10	-	20000.00	-3.816794	20	PASS
			NV	20	-	20000.00	-3.816794	20	PASS
			NV	30	-	20000.00	-3.816794	20	PASS
			NV	40	0.00	0.000000	20	PASS	
	Ant1	5260	NV	0	-	20000.00	-3.802281	20	PASS
			NV	10	-	20000.00	-3.802281	20	PASS
NV			20	0.00	0.000000	20	PASS		
NV			30	-	20000.00	-3.802281	20	PASS	
NV			40	-	20000.00	-3.802281	20	PASS	
Ant2	5260	NV	0	-	40000.00	-7.604563	20	PASS	
		NV	10	0.00	0.000000	20	PASS		
		NV	20	0.00	0.000000	20	PASS		
		NV	30	-	20000.00	-3.802281	20	PASS	
		NV	40	-	20000.00	-3.802281	20	PASS	
Ant1	5280	NV	0	0.00	0.000000	20	PASS		

			NV	10	0.00	0.000000	20	PASS
			NV	20	0.00	0.000000	20	PASS
			NV	30	- 20000.00	-3.787879	20	PASS
			NV	40	- 20000.00	-3.787879	20	PASS
	Ant2	5280	NV	0	0.00	0.000000	20	PASS
			NV	10	- 20000.00	-3.787879	20	PASS
			NV	20	- 20000.00	-3.787879	20	PASS
			NV	30	- 20000.00	-3.787879	20	PASS
			NV	40	0.00	0.000000	20	PASS
	Ant1	5320	NV	0	- 20000.00	-3.759398	20	PASS
			NV	10	- 20000.00	-3.759398	20	PASS
			NV	20	- 20000.00	-3.759398	20	PASS
			NV	30	0.00	0.000000	20	PASS
			NV	40	0.00	0.000000	20	PASS
	Ant2	5320	NV	0	- 20000.00	-3.759398	20	PASS
			NV	10	0.00	0.000000	20	PASS
			NV	20	0.00	0.000000	20	PASS
			NV	30	- 20000.00	-3.759398	20	PASS
			NV	40	0.00	0.000000	20	PASS
	Ant1	5500	NV	0	- 20000.00	-3.636364	20	PASS
			NV	10	- 20000.00	-3.636364	20	PASS
			NV	20	- 20000.00	-3.636364	20	PASS
			NV	30	0.00	0.000000	20	PASS
			NV	40	- 20000.00	-3.636364	20	PASS
	Ant2	5500	NV	0	0.00	0.000000	20	PASS
			NV	10	0.00	0.000000	20	PASS
			NV	20	0.00	0.000000	20	PASS
			NV	30	0.00	0.000000	20	PASS
			NV	40	- 20000.00	-3.636364	20	PASS
	Ant1	5580	NV	0	0.00	0.000000	20	PASS
			NV	10	- 20000.00	-3.584229	20	PASS
			NV	20	- 20000.00	-3.584229	20	PASS
			NV	30	- 20000.00	-3.584229	20	PASS
			NV	40	- 20000.00	-3.584229	20	PASS
	Ant2	5580	NV	0	- 20000.00	-3.584229	20	PASS
			NV	10	- 20000.00	-3.584229	20	PASS
			NV	20	- 20000.00	-3.584229	20	PASS
			NV	30	- 20000.00	-3.584229	20	PASS
			NV	40	- 20000.00	-3.584229	20	PASS
	Ant1	5700	NV	0	- 20000.00	-3.508772	20	PASS
			NV	10	0.00	0.000000	20	PASS
			NV	20	- 20000.00	-3.508772	20	PASS

			NV	30	0.00	0.000000	20	PASS
			NV	40	- 20000.00	-3.508772	20	PASS
	Ant2	5700	NV	0	0.00	0.000000	20	PASS
			NV	10	- 20000.00	-3.508772	20	PASS
			NV	20	- 40000.00	-7.017544	20	PASS
			NV	30	0.00	0.000000	20	PASS
			NV	40	- 20000.00	-3.508772	20	PASS
	Ant1	5720	NV	0	- 20000.00	-3.496503	20	PASS
			NV	10	- 20000.00	-3.496503	20	PASS
			NV	20	- 20000.00	-3.496503	20	PASS
			NV	30	- 20000.00	-3.496503	20	PASS
			NV	40	- 20000.00	-3.496503	20	PASS
	Ant2	5720	NV	0	- 20000.00	-3.496503	20	PASS
			NV	10	0.00	0.000000	20	PASS
			NV	20	- 20000.00	-3.496503	20	PASS
			NV	30	- 20000.00	-3.496503	20	PASS
			NV	40	0.00	0.000000	20	PASS
	Ant1	5745	NV	0	- 20000.00	-3.481288	20	PASS
			NV	10	- 20000.00	-3.481288	20	PASS
			NV	20	0.00	0.000000	20	PASS
			NV	30	0.00	0.000000	20	PASS
			NV	40	0.00	0.000000	20	PASS
	Ant2	5745	NV	0	- 20000.00	-3.481288	20	PASS
			NV	10	- 20000.00	-3.481288	20	PASS
			NV	20	0.00	0.000000	20	PASS
			NV	30	0.00	0.000000	20	PASS
			NV	40	0.00	0.000000	20	PASS
	Ant1	5785	NV	0	- 20000.00	-3.457217	20	PASS
			NV	10	- 20000.00	-3.457217	20	PASS
			NV	20	- 20000.00	-3.457217	20	PASS
			NV	30	0.00	0.000000	20	PASS
			NV	40	0.00	0.000000	20	PASS
	Ant2	5785	NV	0	- 20000.00	-3.457217	20	PASS
			NV	10	0.00	0.000000	20	PASS
			NV	20	- 20000.00	-3.457217	20	PASS
			NV	30	- 20000.00	-3.457217	20	PASS
			NV	40	- 20000.00	-3.457217	20	PASS
	Ant1	5825	NV	0	0.00	0.000000	20	PASS
			NV	10	- 20000.00	-3.433476	20	PASS
			NV	20	0.00	0.000000	20	PASS
			NV	30	- 20000.00	-3.433476	20	PASS
			NV	40	- 20000.00	-3.433476	20	PASS

	Ant2	5825	NV	0	0.00	0.000000	20	PASS
			NV	10	0.00	0.000000	20	PASS
11N40MIMO	Ant1	5190	NV	20	-	-3.433476	20	PASS
					20000.00			
			NV	30	0.00	0.000000	20	PASS
			NV	40	0.00	0.000000	20	PASS
			NV	40	0.00	0.000000	20	PASS
	Ant2	5190	NV	0	-	-7.707129	20	PASS
					40000.00			
			NV	10	0.00	0.000000	20	PASS
			NV	20	-	-7.707129	20	PASS
					40000.00			
	Ant1	5230	NV	30	0.00	0.000000	20	PASS
			NV	40	-	-7.707129	20	PASS
					40000.00			
			NV	0	0.00	0.000000	20	PASS
			NV	10	0.00	0.000000	20	PASS
	Ant2	5230	NV	20	0.00	0.000000	20	PASS
			NV	30	40000.00	7.648184	20	PASS
			NV	40	0.00	0.000000	20	PASS
			NV	0	-	-7.648184	20	PASS
					40000.00			
	Ant1	5270	NV	10	0.00	0.000000	20	PASS
			NV	20	0.00	0.000000	20	PASS
			NV	30	0.00	0.000000	20	PASS
			NV	40	0.00	0.000000	20	PASS
			NV	40	0.00	0.000000	20	PASS
	Ant2	5270	NV	0	0.00	0.000000	20	PASS
			NV	10	0.00	0.000000	20	PASS
			NV	20	0.00	0.000000	20	PASS
			NV	30	0.00	0.000000	20	PASS
			NV	40	0.00	0.000000	20	PASS
	Ant1	5310	NV	0	0.00	0.000000	20	PASS
			NV	10	0.00	0.000000	20	PASS
			NV	20	0.00	0.000000	20	PASS
			NV	30	40000.00	7.532957	20	PASS
			NV	40	0.00	0.000000	20	PASS
	Ant2	5310	NV	0	-	-7.532957	20	PASS
					40000.00			
			NV	10	0.00	0.000000	20	PASS
			NV	20	-	-7.532957	20	PASS
					40000.00			
	Ant1	5510	NV	30	0.00	0.000000	20	PASS
			NV	40	0.00	0.000000	20	PASS
			NV	0	0.00	0.000000	20	PASS
			NV	10	-	-7.259528	20	PASS
					40000.00			
	Ant2	5510	NV	20	0.00	0.000000	20	PASS
			NV	30	0.00	0.000000	20	PASS
			NV	40	0.00	0.000000	20	PASS
			NV	0	0.00	0.000000	20	PASS
			NV	10	-	-7.259528	20	PASS
	Ant1	5550			40000.00	7.259528	20	PASS
			NV	20	0.00	0.000000	20	PASS
			NV	0	0.00	0.000000	20	PASS
	Ant2	5550	NV	10	0.00	0.000000	20	PASS
			NV	20	-	-7.207207	20	PASS
			NV	0	0.00	0.000000	20	PASS

					40000.00			
			NV	30	0.00	0.000000	20	PASS
			NV	40	0.00	0.000000	20	PASS
	Ant2	5550	NV	0	0.00	0.000000	20	PASS
			NV	10	0.00	0.000000	20	PASS
			NV	20	-	-7.207207	20	PASS
					40000.00			
			NV	30	-	-7.207207	20	PASS
					40000.00			
			NV	40	0.00	0.000000	20	PASS
	Ant1	5670	NV	0	0.00	0.000000	20	PASS
			NV	10	0.00	0.000000	20	PASS
			NV	20	0.00	0.000000	20	PASS
			NV	30	0.00	0.000000	20	PASS
			NV	40	0.00	0.000000	20	PASS
			NV	0	0.00	0.000000	20	PASS
	Ant2	5670	NV	10	0.00	0.000000	20	PASS
			NV	20	0.00	0.000000	20	PASS
			NV	30	-	-7.054674	20	PASS
					40000.00			
			NV	40	0.00	0.000000	20	PASS
			NV	0	0.00	0.000000	20	PASS
	Ant1	5710	NV	10	0.00	0.000000	20	PASS
			NV	20	0.00	0.000000	20	PASS
			NV	30	-	-7.005254	20	PASS
					40000.00			
			NV	40	0.00	0.000000	20	PASS
			NV	0	0.00	0.000000	20	PASS
	Ant2	5710	NV	10	0.00	0.000000	20	PASS
			NV	20	0.00	0.000000	20	PASS
			NV	30	0.00	0.000000	20	PASS
			NV	40	40000.00	7.005254	20	PASS
			NV	0	40000.00	7.005254	20	PASS
			NV	10	0.00	0.000000	20	PASS
	Ant1	5755	NV	20	0.00	0.000000	20	PASS
			NV	30	0.00	0.000000	20	PASS
			NV	40	0.00	0.000000	20	PASS
			NV	0	-	-6.950478	20	PASS
					40000.00			
			NV	10	0.00	0.000000	20	PASS
	Ant2	5755	NV	20	0.00	0.000000	20	PASS
			NV	30	-	-6.950478	20	PASS
					40000.00			
			NV	40	0.00	0.000000	20	PASS
			NV	0	0.00	0.000000	20	PASS
			NV	10	0.00	0.000000	20	PASS
	Ant1	5795	NV	20	0.00	0.000000	20	PASS
			NV	30	0.00	0.000000	20	PASS
			NV	40	0.00	0.000000	20	PASS
			NV	0	0.00	0.000000	20	PASS
			NV	10	0.00	0.000000	20	PASS
			NV	20	0.00	0.000000	20	PASS
	Ant2	5795	NV	30	0.00	0.000000	20	PASS
			NV	40	0.00	0.000000	20	PASS
			NV	0	0.00	0.000000	20	PASS
			NV	10	0.00	0.000000	20	PASS
			NV	20	0.00	0.000000	20	PASS
			NV	30	0.00	0.000000	20	PASS
11AC80MIMO	Ant1	5210	NV	40	0.00	0.000000	20	PASS
			NV	0	80000.00	15.355086	20	PASS
			NV	10	0.00	0.000000	20	PASS
			NV	20	0.00	0.000000	20	PASS
			NV	30	0.00	0.000000	20	PASS
			NV	40	0.00	0.000000	20	PASS
	Ant2	5210	NV	0	80000.00	15.355086	20	PASS
			NV	10	0.00	0.000000	20	PASS
			NV	20	0.00	0.000000	20	PASS
			NV	30	0.00	0.000000	20	PASS
			NV	40	80000.00	15.355086	20	PASS
	Ant1	5290	NV	0	0.00	0.000000	20	PASS
			NV	10	0.00	0.000000	20	PASS
			NV	20	0.00	0.000000	20	PASS

			NV	30	0.00	0.000000	20	PASS
			NV	40	0.00	0.000000	20	PASS
	Ant2	5290	NV	0	0.00	0.000000	20	PASS
			NV	10	0.00	0.000000	20	PASS
			NV	20	0.00	0.000000	20	PASS
			NV	30	80000.00	15.122873	20	PASS
			NV	40	80000.00	15.122873	20	PASS
			NV	0	0.00	0.000000	20	PASS
	Ant1	5530	NV	10	0.00	0.000000	20	PASS
			NV	20	0.00	0.000000	20	PASS
			NV	30	0.00	0.000000	20	PASS
			NV	40	0.00	0.000000	20	PASS
			NV	0	0.00	0.000000	20	PASS
			NV	10	80000.00	14.466546	20	PASS
	Ant2	5530	NV	20	0.00	0.000000	20	PASS
			NV	30	-	-	20	PASS
			NV	40	80000.00	14.466546	20	PASS
			NV	0	0.00	0.000000	20	PASS
			NV	10	0.00	0.000000	20	PASS
			NV	20	0.00	0.000000	20	PASS
	Ant1	5610	NV	30	0.00	0.000000	20	PASS
			NV	40	0.00	0.000000	20	PASS
			NV	0	0.00	0.000000	20	PASS
			NV	10	0.00	0.000000	20	PASS
			NV	20	0.00	0.000000	20	PASS
			NV	30	80000.00	14.260250	20	PASS
	Ant2	5610	NV	40	0.00	0.000000	20	PASS
			NV	0	0.00	0.000000	20	PASS
			NV	10	0.00	0.000000	20	PASS
			NV	20	0.00	0.000000	20	PASS
			NV	30	0.00	0.000000	20	PASS
			NV	40	0.00	0.000000	20	PASS
	Ant1	5690	NV	0	0.00	0.000000	20	PASS
			NV	10	0.00	0.000000	20	PASS
			NV	20	0.00	0.000000	20	PASS
			NV	30	0.00	0.000000	20	PASS
			NV	40	0.00	0.000000	20	PASS
			NV	0	0.00	0.000000	20	PASS
	Ant2	5690	NV	10	0.00	0.000000	20	PASS
			NV	20	0.00	0.000000	20	PASS
			NV	30	0.00	0.000000	20	PASS
			NV	40	0.00	0.000000	20	PASS
			NV	0	80000.00	13.852814	20	PASS
			NV	10	0.00	0.000000	20	PASS
	Ant1	5775	NV	20	0.00	0.000000	20	PASS
			NV	30	0.00	0.000000	20	PASS
			NV	40	0.00	0.000000	20	PASS
			NV	0	0.00	0.000000	20	PASS
NV			10	-	-	20	PASS	
NV			20	80000.00	13.852814	20	PASS	
Ant2	5775	NV	30	-	-	20	PASS	
		NV	40	80000.00	13.852814	20	PASS	
		NV	0	0.00	0.000000	20	PASS	
		NV	10	0.00	0.000000	20	PASS	
		NV	20	0.00	0.000000	20	PASS	
		NV	30	0.00	0.000000	20	PASS	
11AC160MIMO	Ant1	5250	NV	40	0.00	0.000000	20	PASS
			NV	0	0.00	0.000000	20	PASS
			NV	10	0.00	0.000000	20	PASS
			NV	20	0.00	0.000000	20	PASS
			NV	30	0.00	0.000000	20	PASS
			NV	40	0.00	0.000000	20	PASS
	Ant2	5250	NV	0	0.00	0.000000	20	PASS
			NV	10	0.00	0.000000	20	PASS
			NV	20	0.00	0.000000	20	PASS
			NV	30	0.00	0.000000	20	PASS
			NV	40	0.00	0.000000	20	PASS
			NV	0	0.00	0.000000	20	PASS
	Ant1	5570	NV	10	0.00	0.000000	20	PASS
			NV	20	0.00	0.000000	20	PASS
			NV	30	0.00	0.000000	20	PASS
			NV	40	0.00	0.000000	20	PASS
			NV	0	0.00	0.000000	20	PASS
			NV	10	0.00	0.000000	20	PASS

			NV	20	0.00	0.000000	20	PASS
			NV	30	0.00	0.000000	20	PASS
			NV	40	0.00	0.000000	20	PASS

11. Antenna Requirements

11.1. Limit

For intentional device, according to FCC 47 CFR Section 15.203, an intentional radiator shall be designed to ensure that no antenna other than that furnished by the responsible party shall be used with the device. And according to FCC 47 CFR Section 15.247 (b), if transmitting antennas of directional gain greater than 6 dBi are used, the power shall be reduced by the amount in dB that the directional gain of the antenna exceeds 6 dBi.

For intentional device, according to RSS-Gen issue 5 section 6.8.

The applicant for equipment certification shall provide a list of all antenna types that may be used with the transmitter, where applicable (i.e. for transmitters with detachable antenna), indicating the maximum permissible antenna gain (in dBi) and the required impedance for each antenna. The test report shall demonstrate the compliance of the transmitter with the limit for maximum equivalent isotropically radiated power (e.i.r.p.) specified in the applicable RSS, when the transmitter is equipped with any antenna type, selected from this list.

11.2. Result

The antenna used for this product as Antenna information described in section 2.1 of the report, and there is no other antenna than that furnished by the responsible party shall be used with the device.