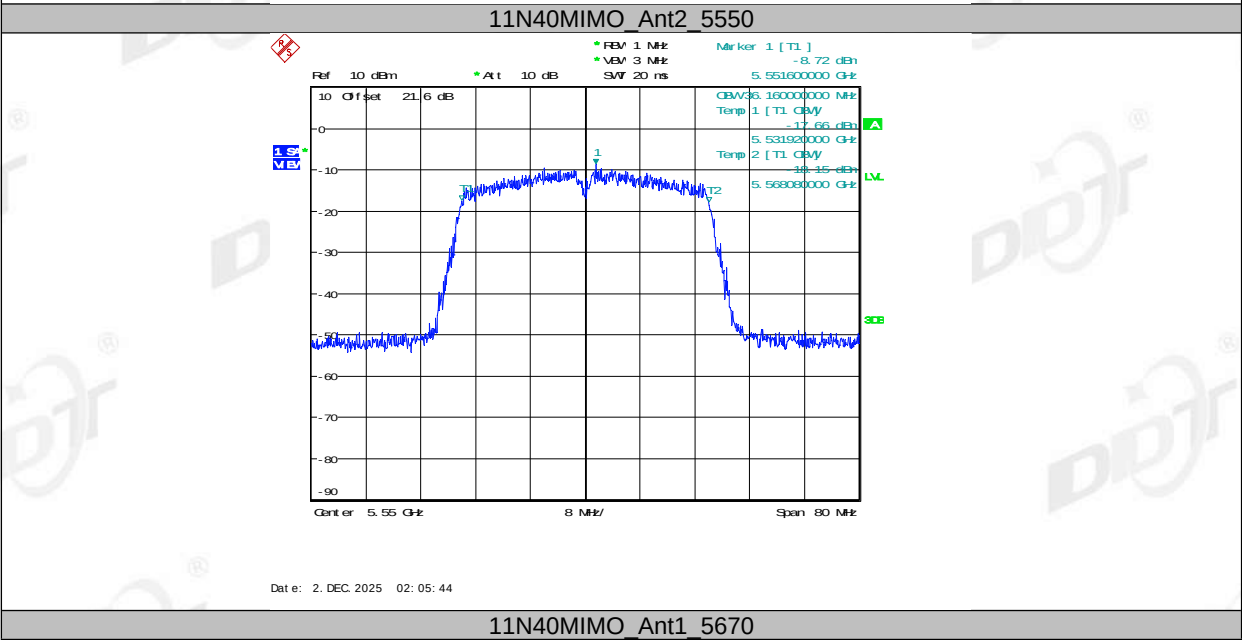
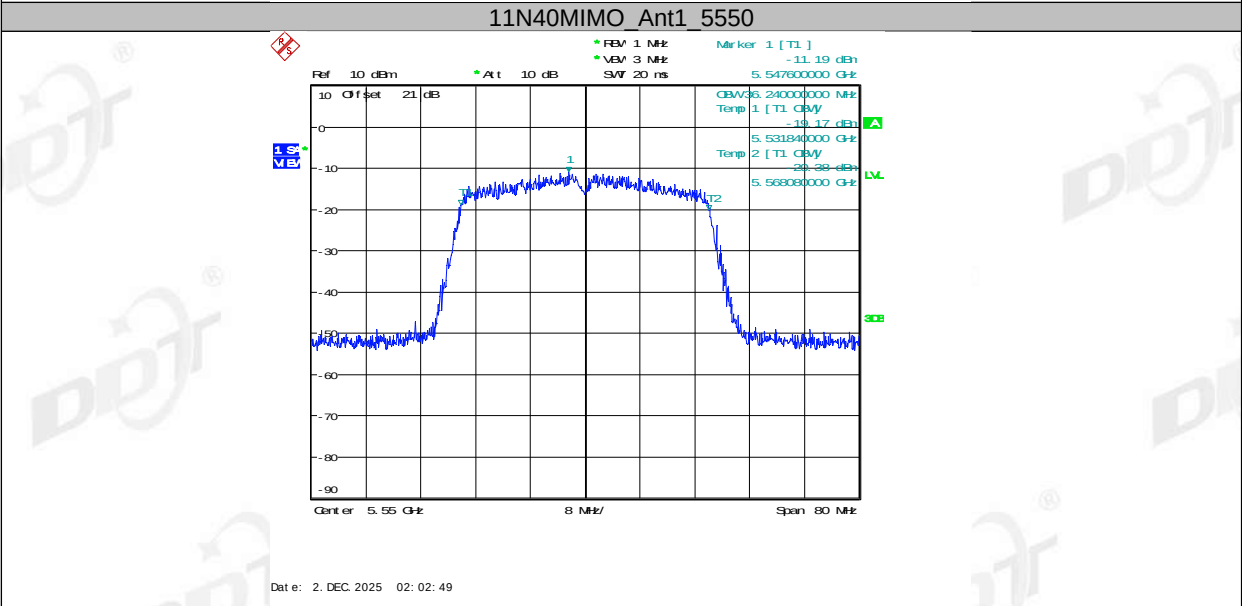
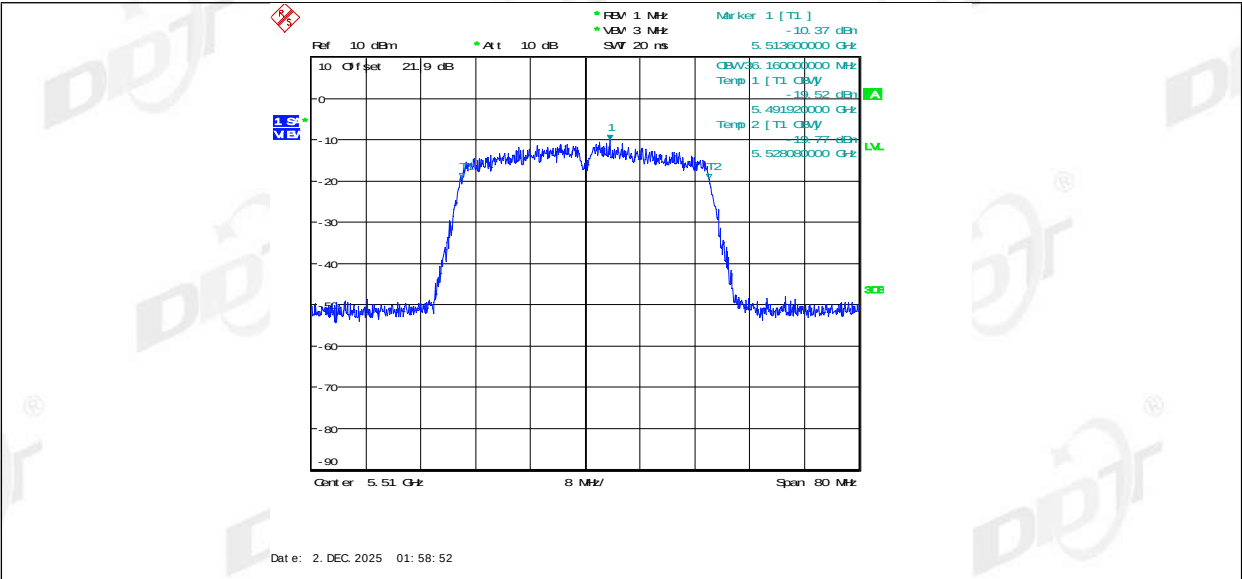
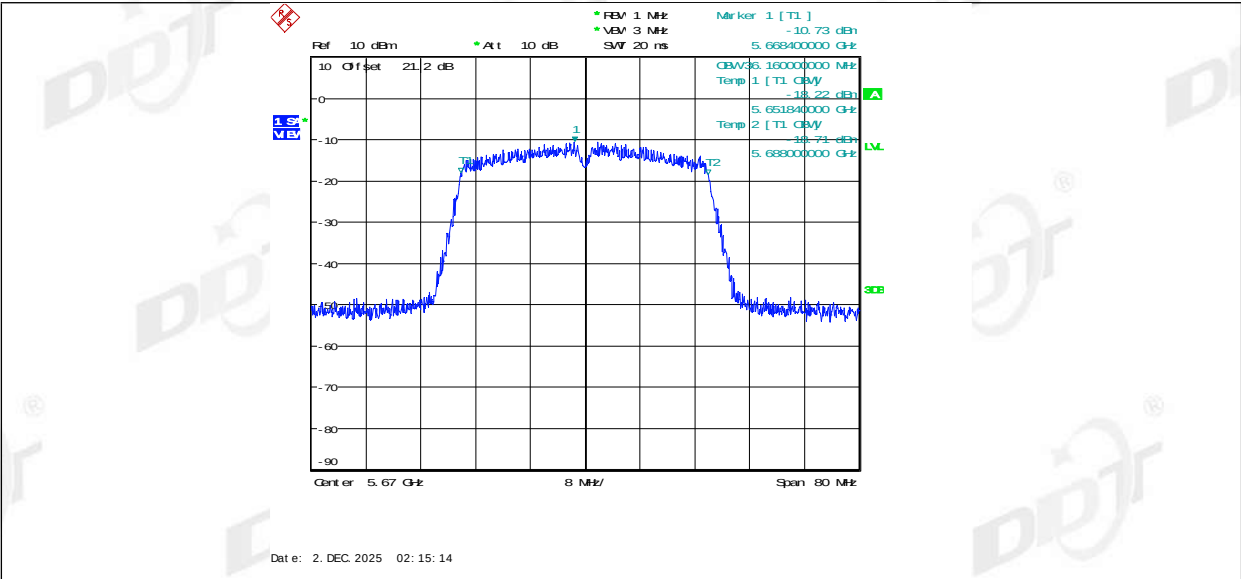
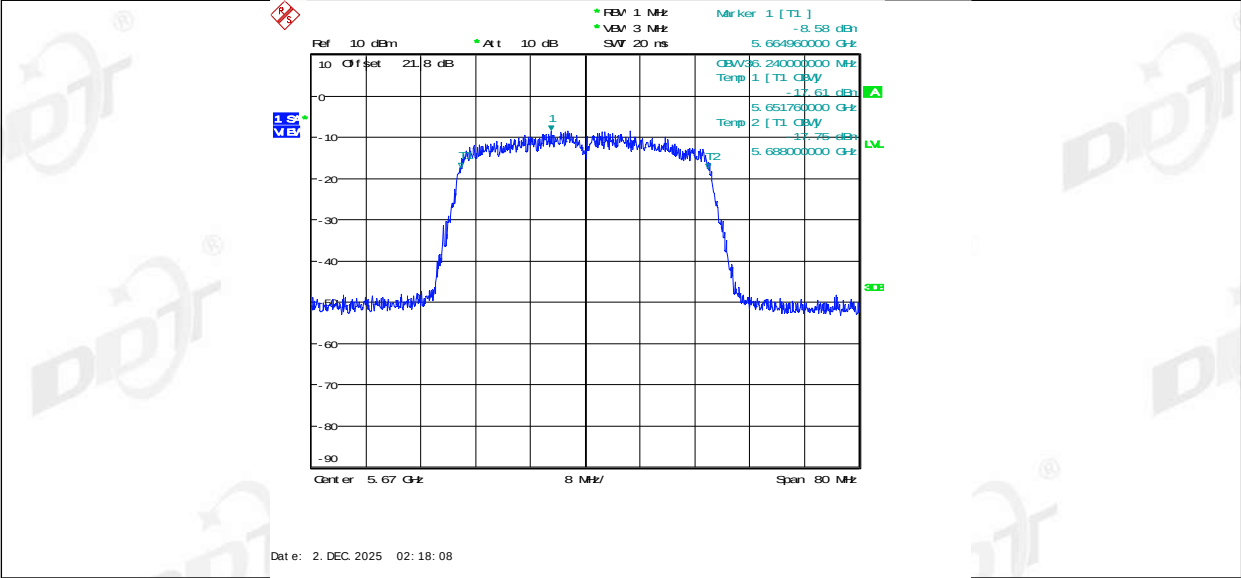


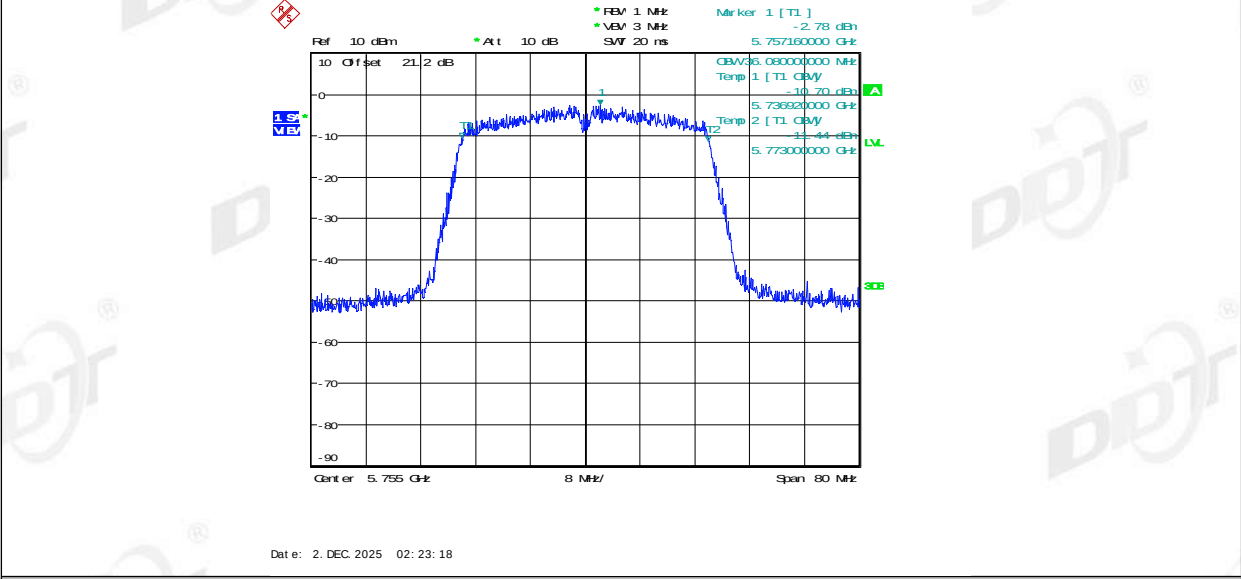




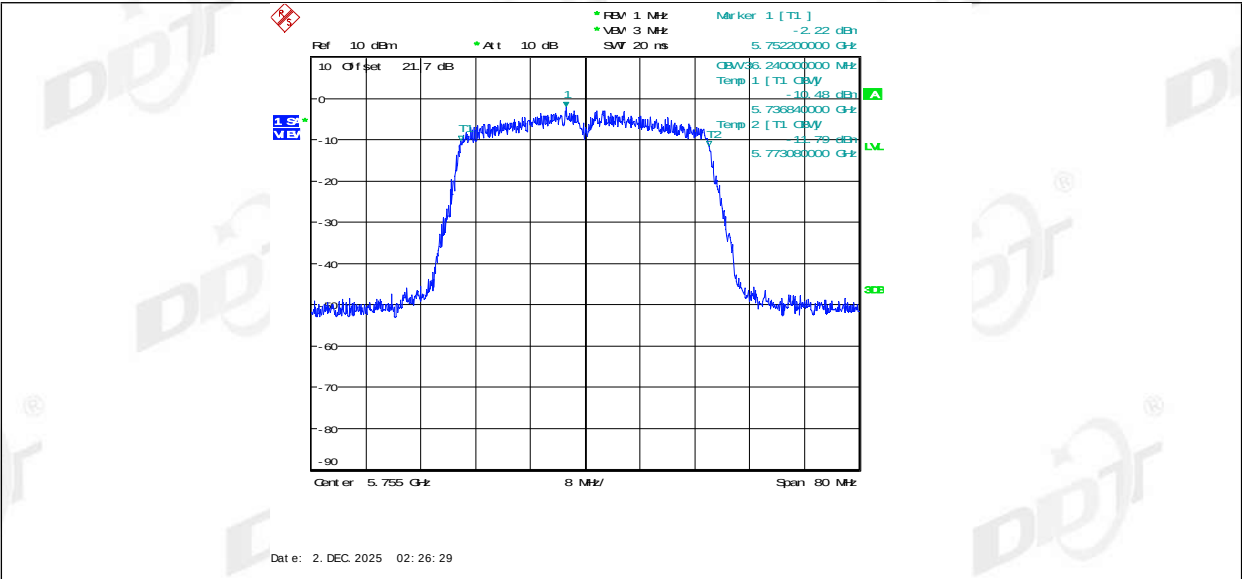
11N40MIMO_Ant2_5670



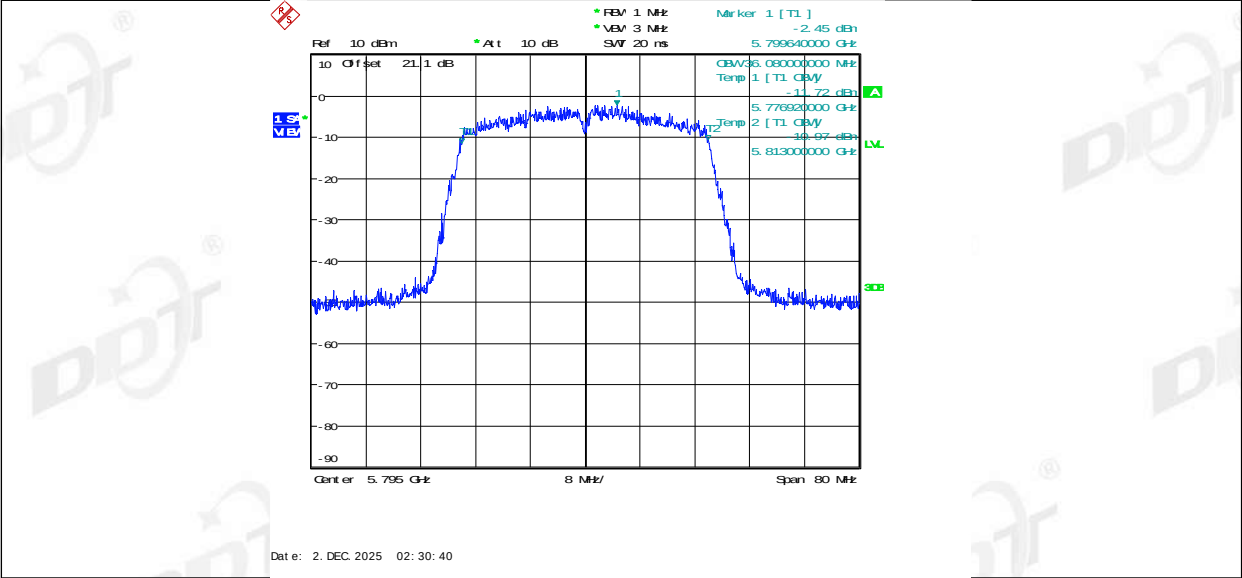
11N40MIMO_Ant1_5755



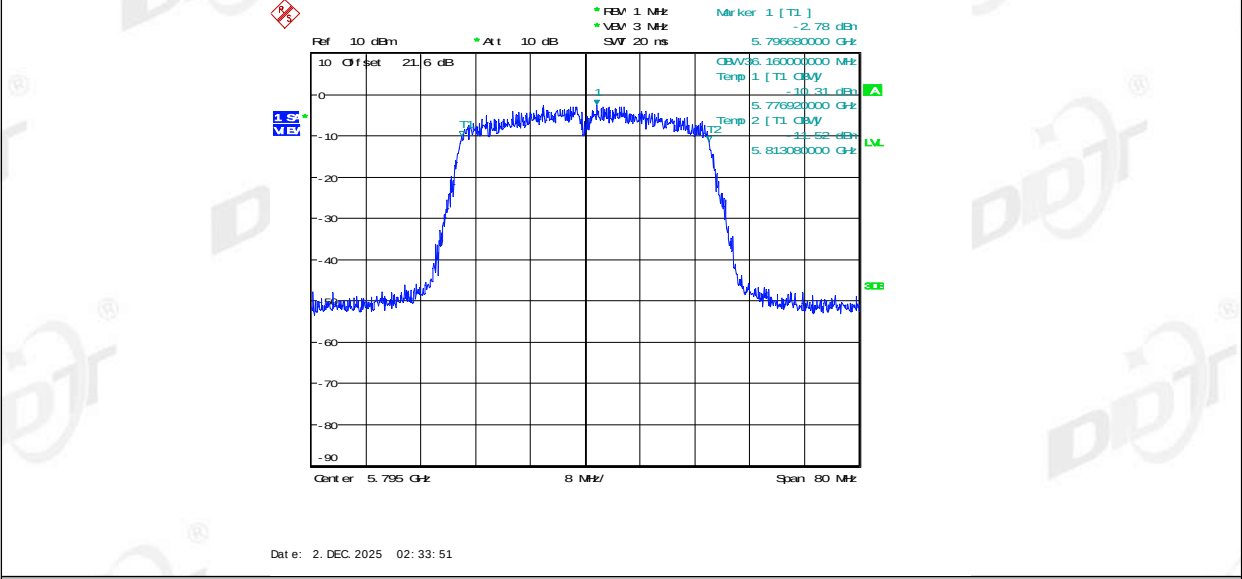
11N40MIMO_Ant2_5755



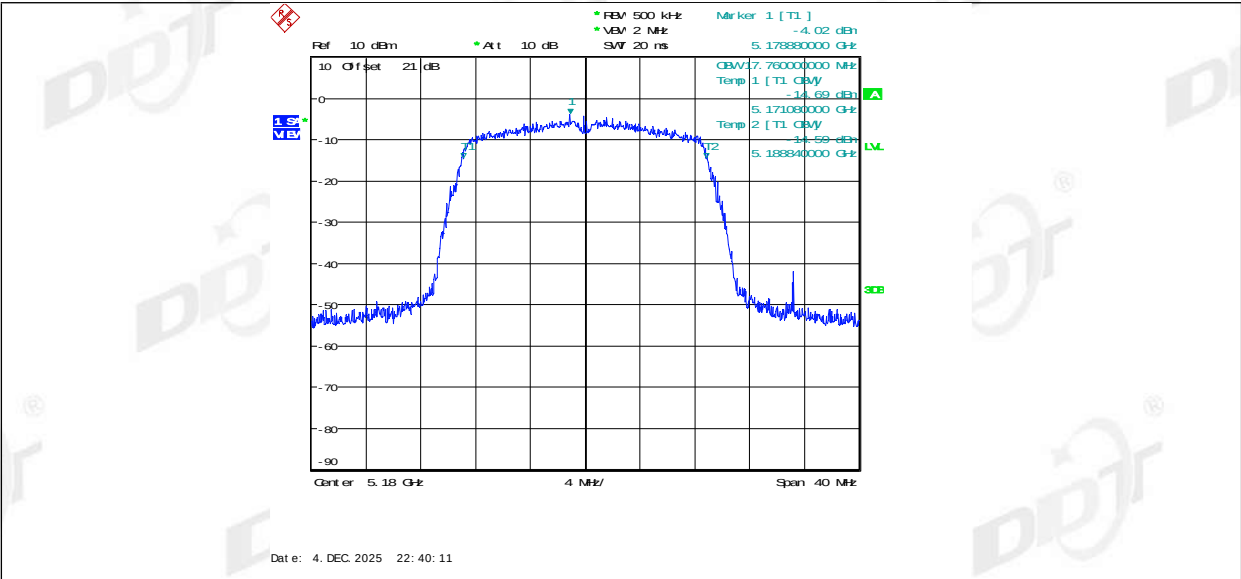
11N40MIMO_Ant1_5795



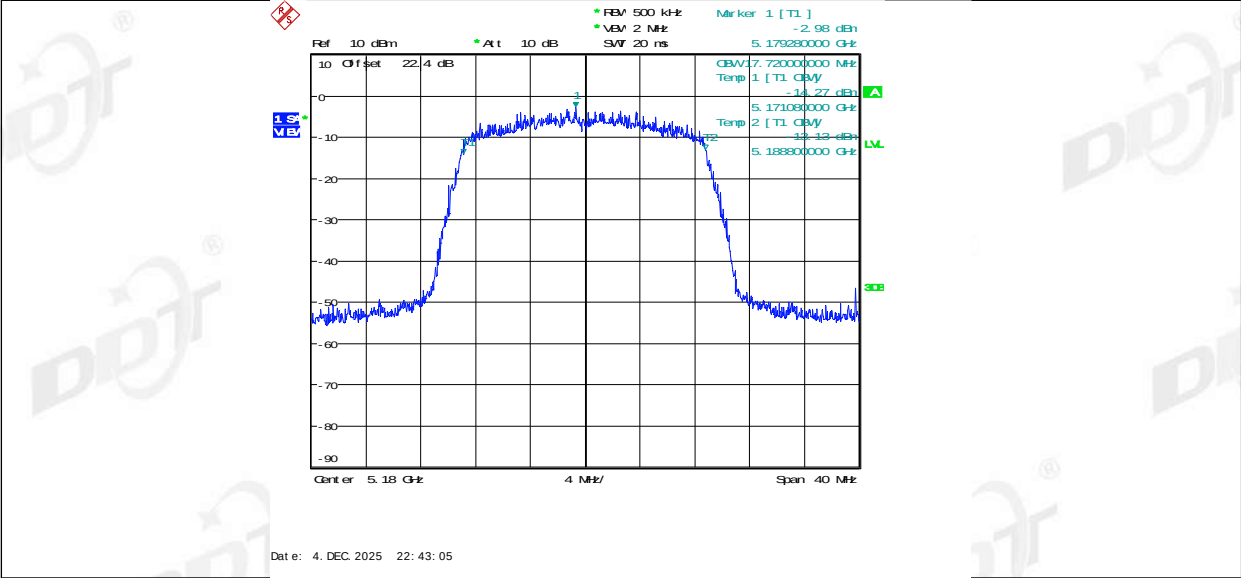
11N40MIMO_Ant2_5795



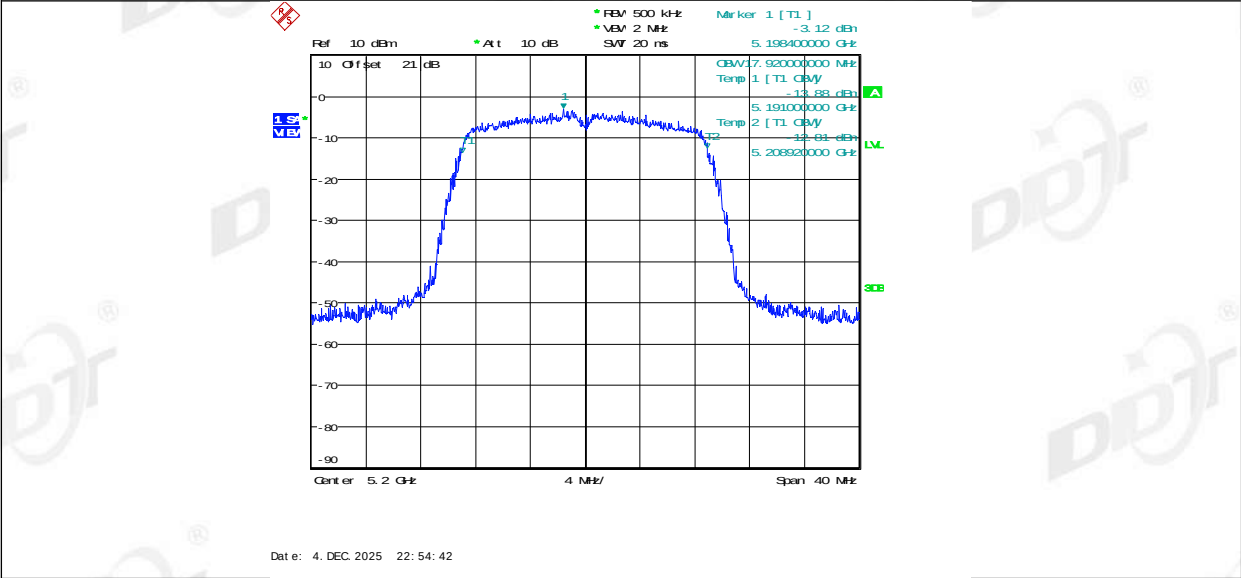
11AC20MIMO_Ant1_5180



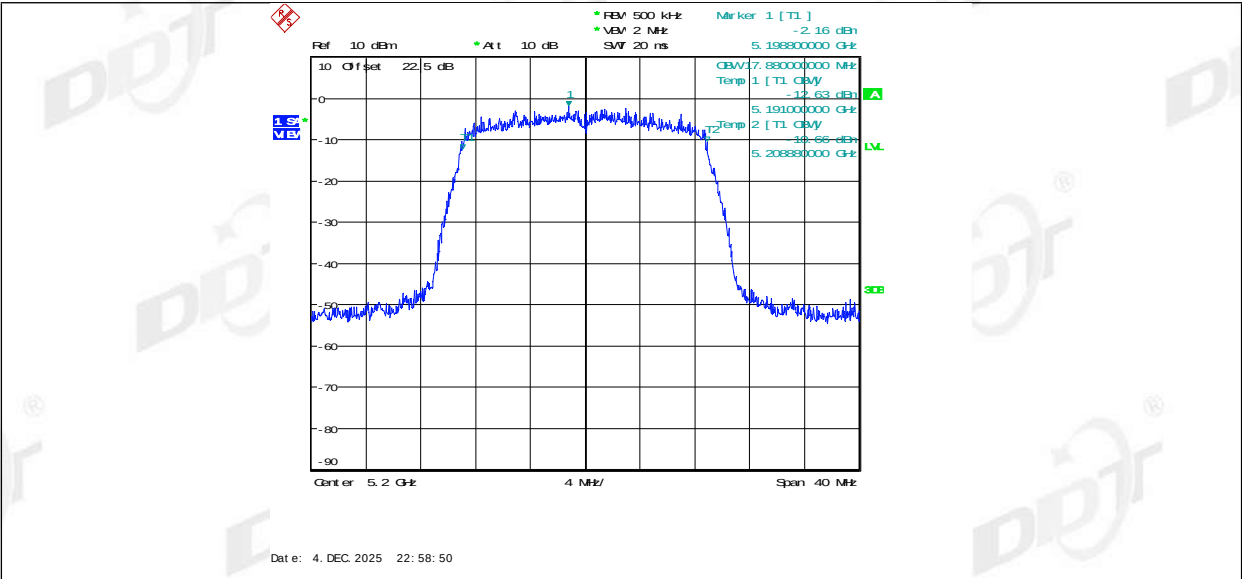
11AC20MIMO_Ant2_5180



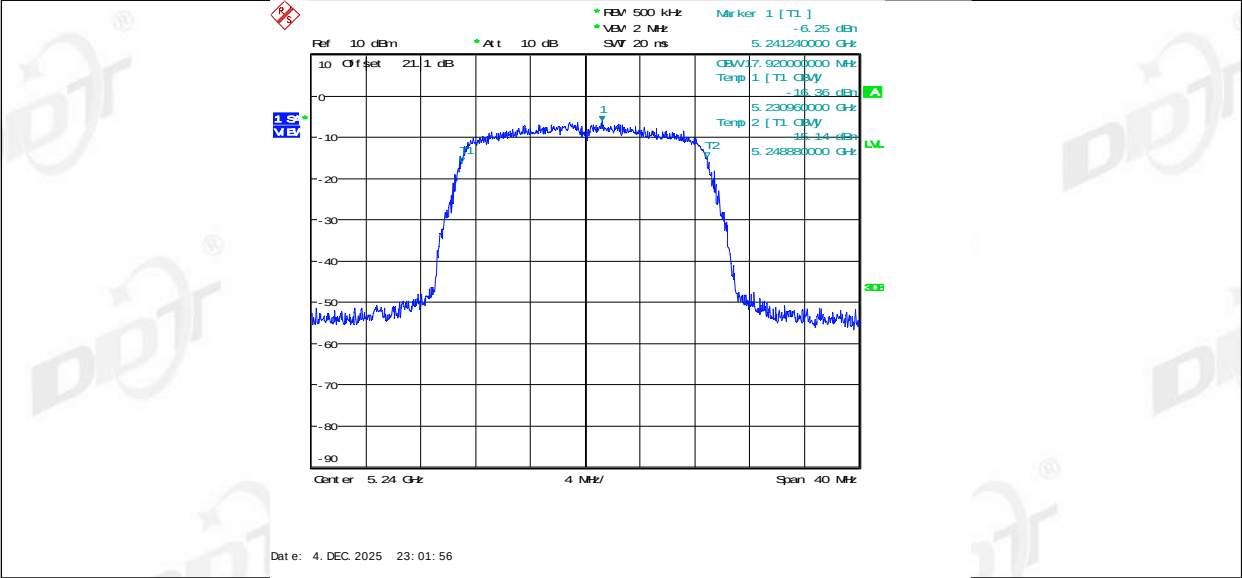
11AC20MIMO_Ant1_5200



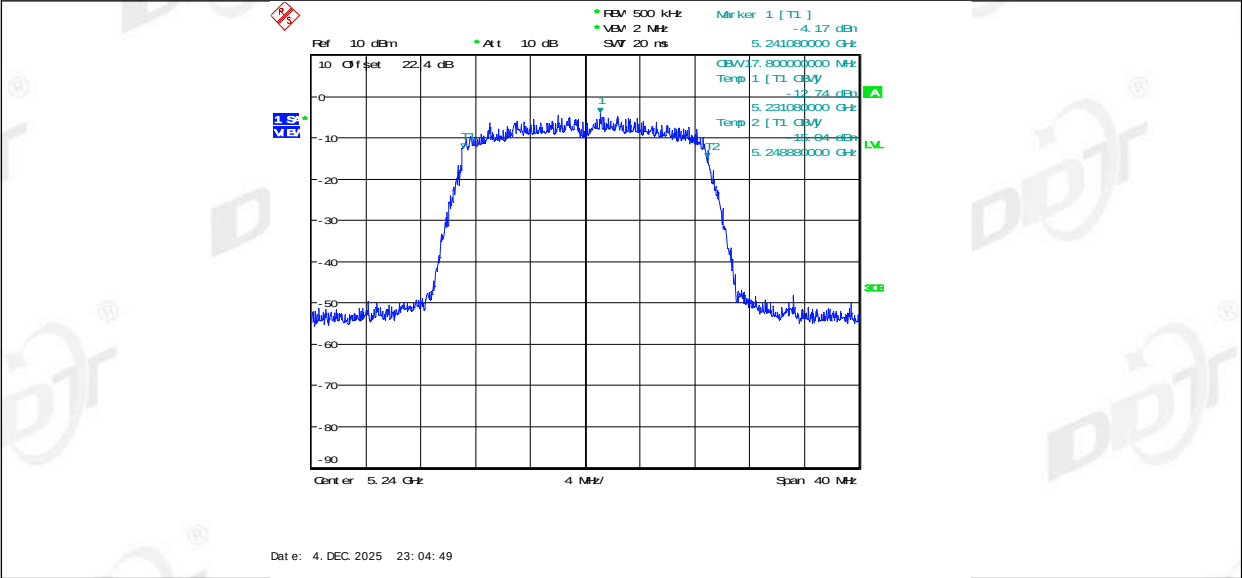
11AC20MIMO_Ant2_5200



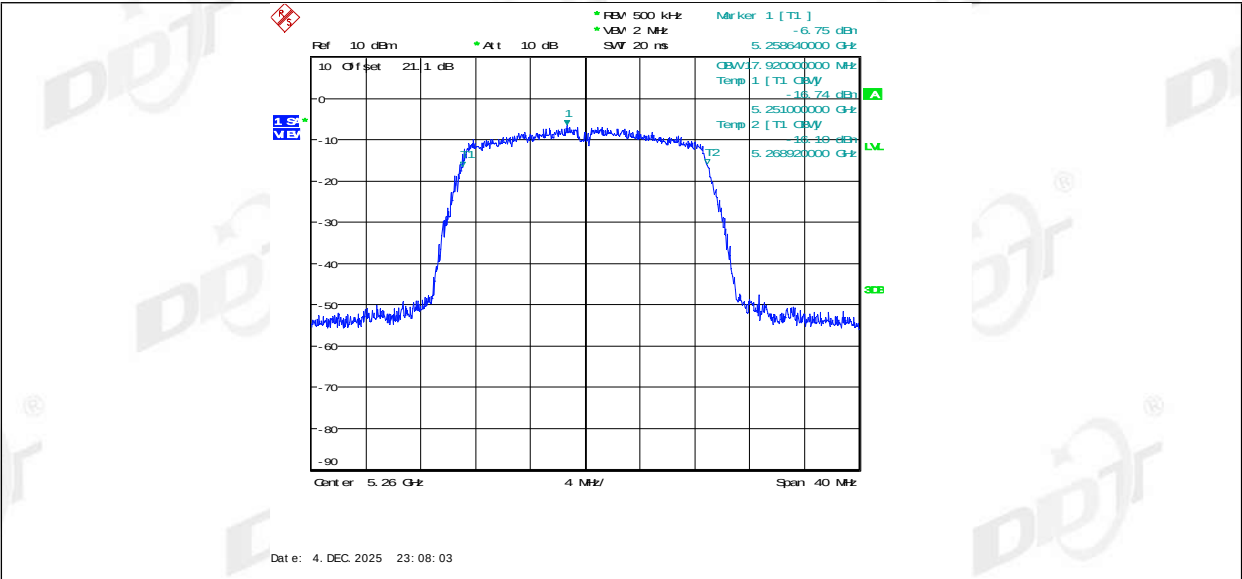
11AC20MIMO_Ant1_5240



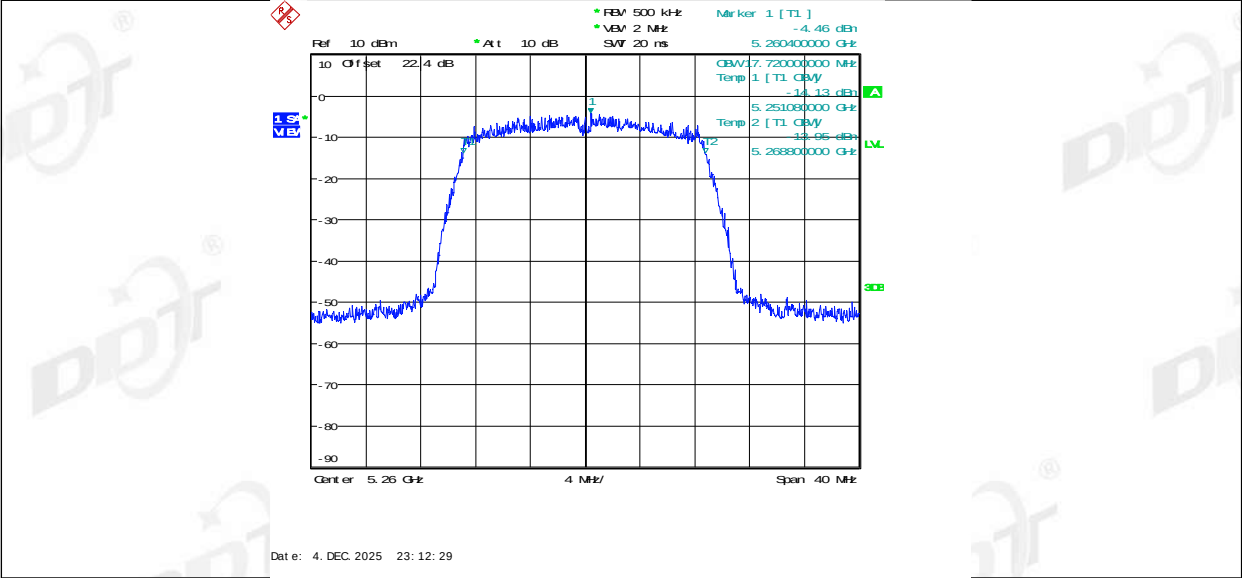
11AC20MIMO_Ant2_5240



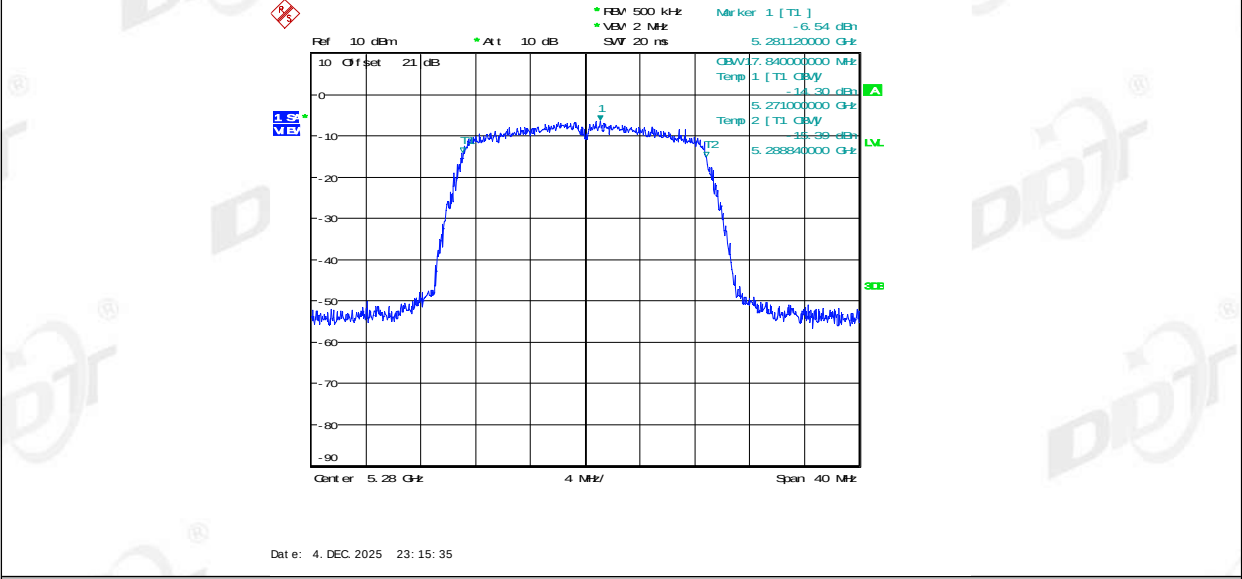
11AC20MIMO_Ant1_5260



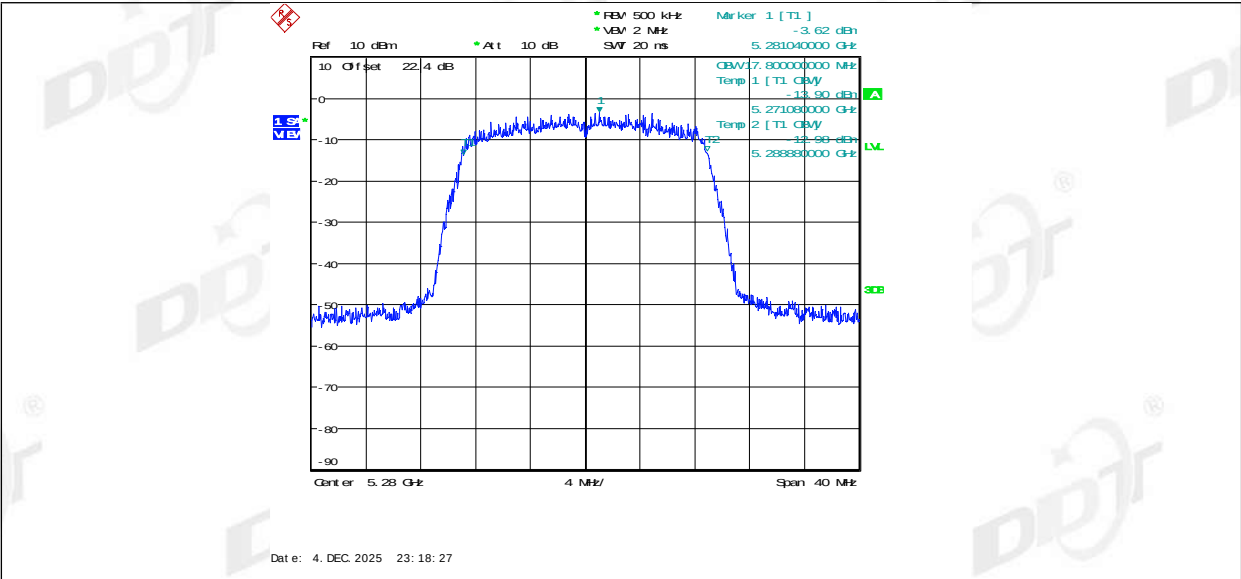
11AC20MIMO_Ant2_5260



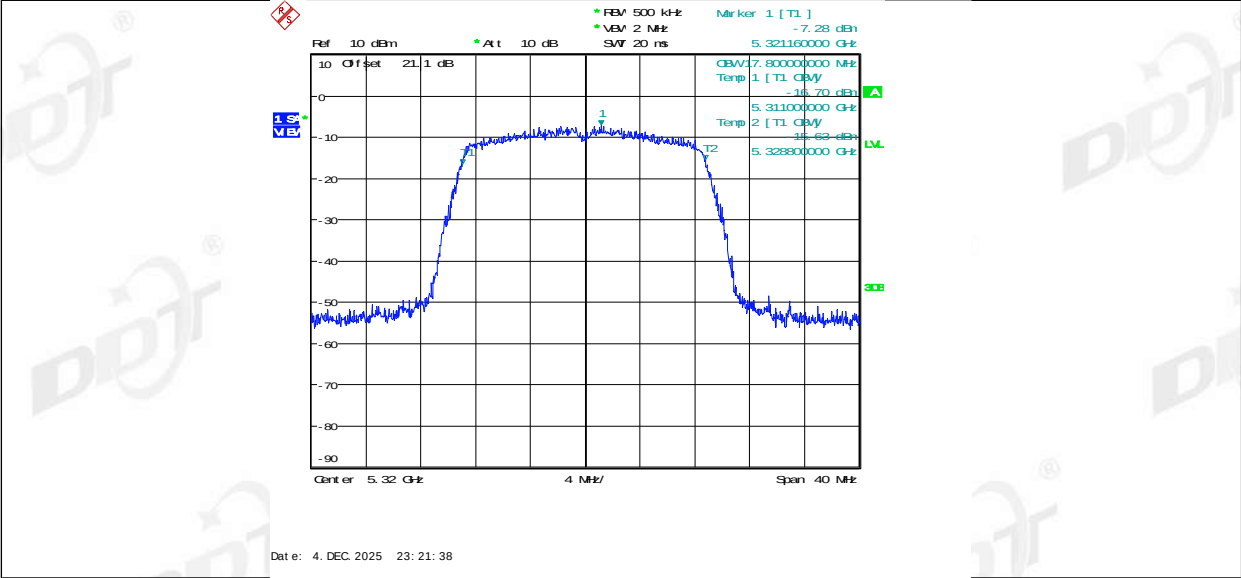
11AC20MIMO_Ant1_5280



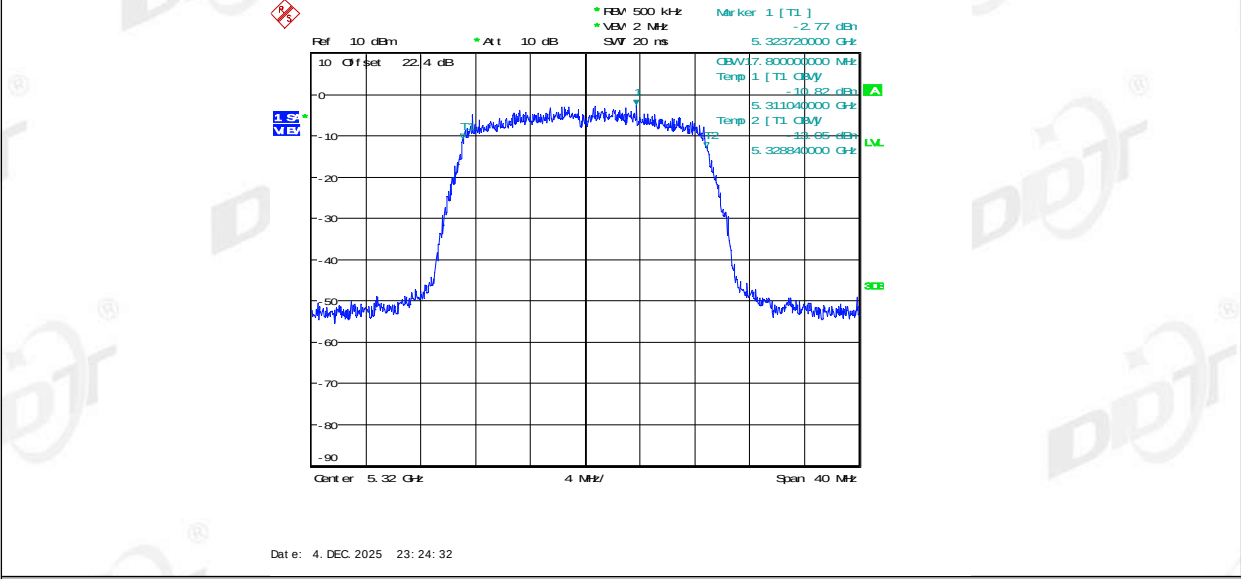
11AC20MIMO_Ant2_5280



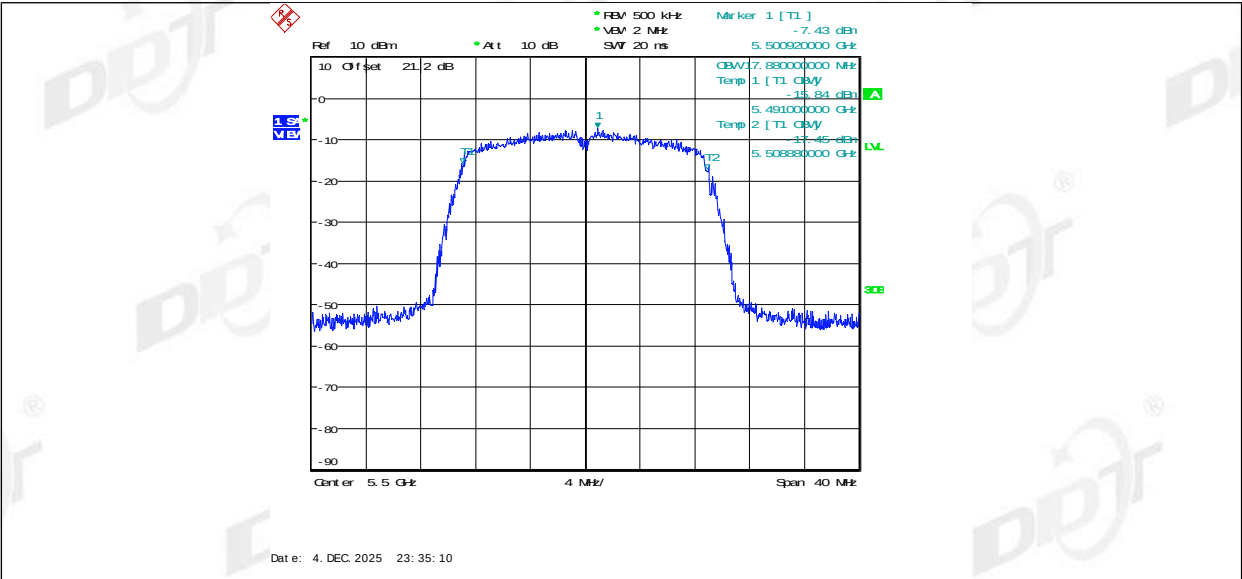
11AC20MIMO_Ant1_5320



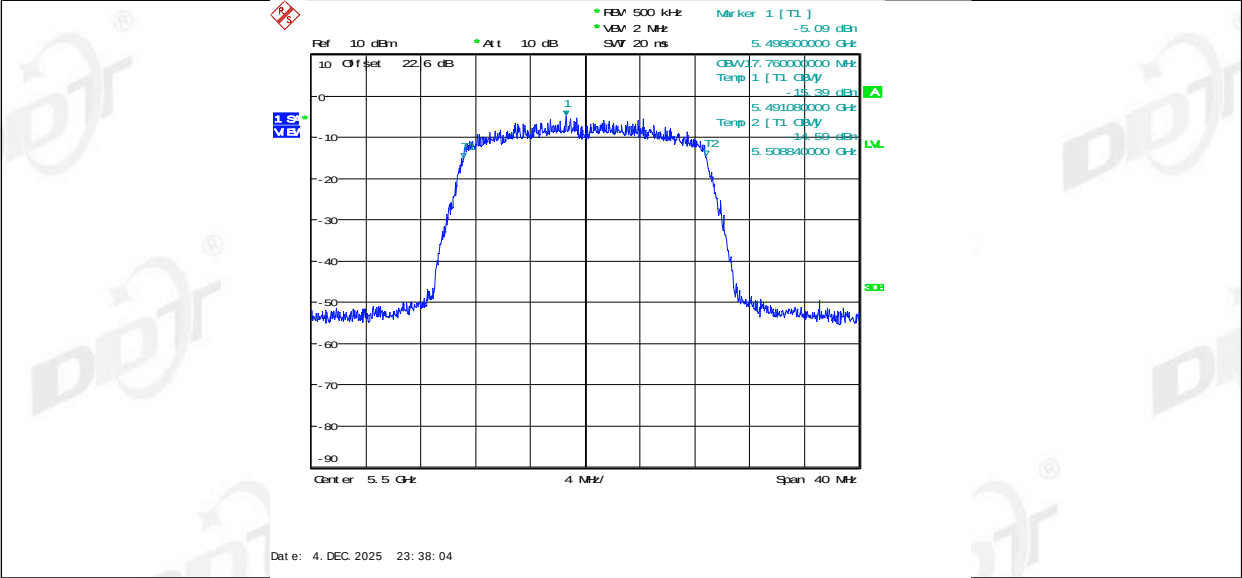
11AC20MIMO_Ant2_5320



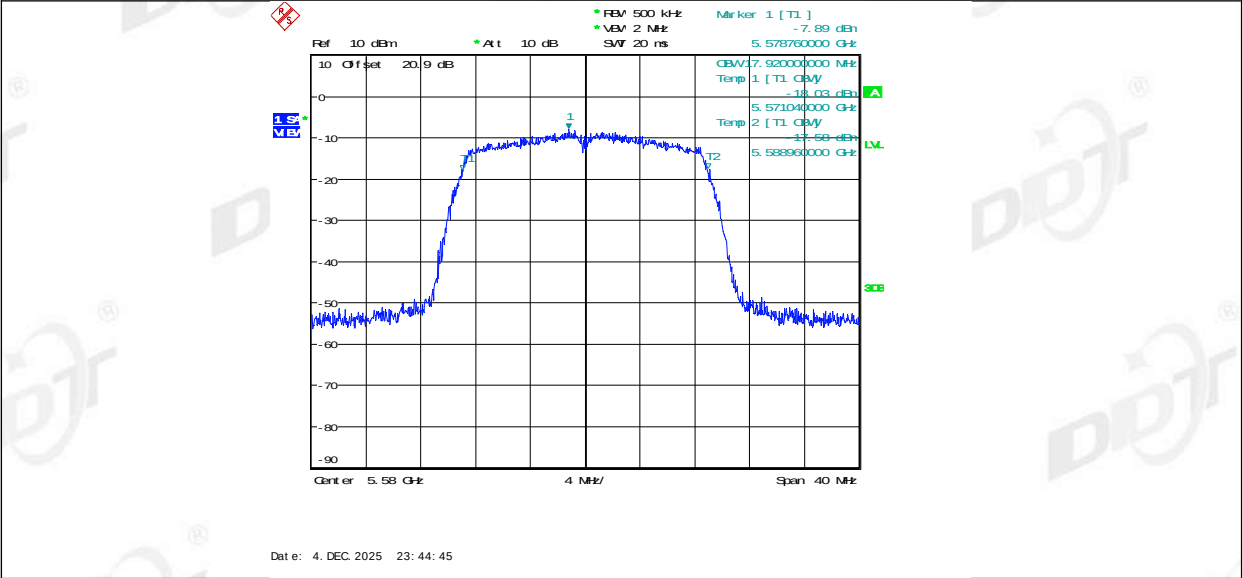
11AC20MIMO_Ant1_5500



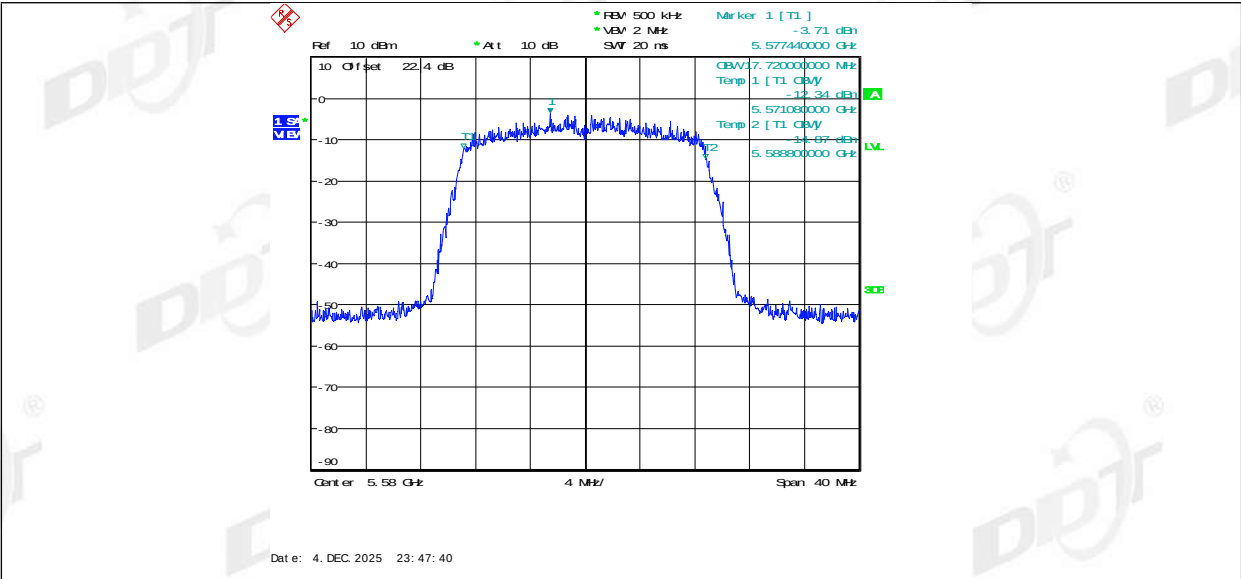
11AC20MIMO_Ant2_5500



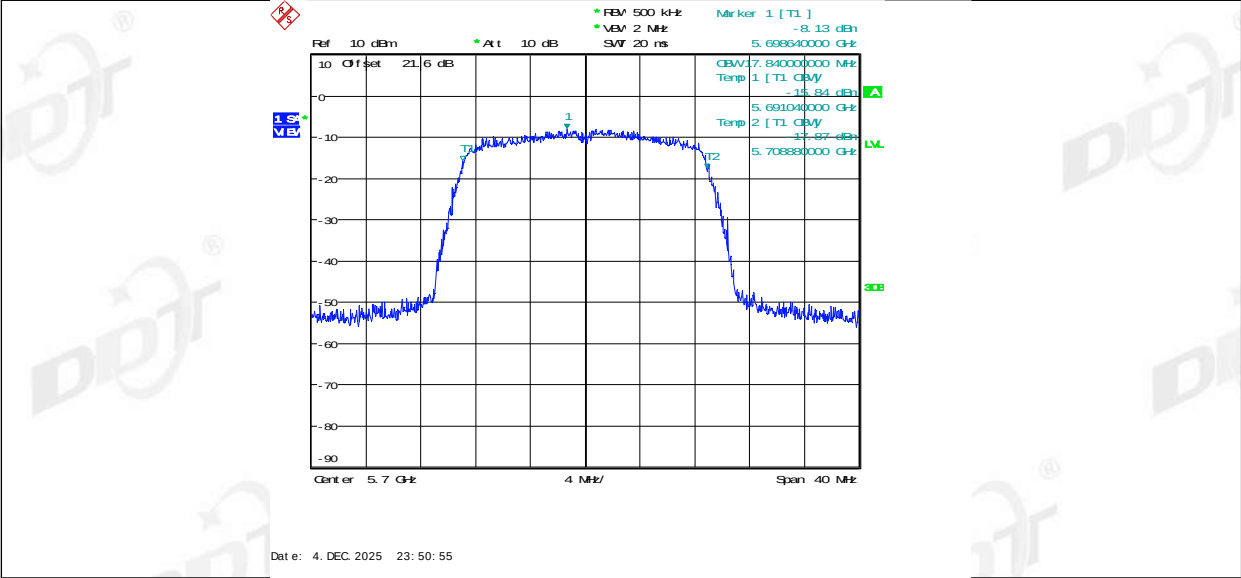
11AC20MIMO_Ant1_5580



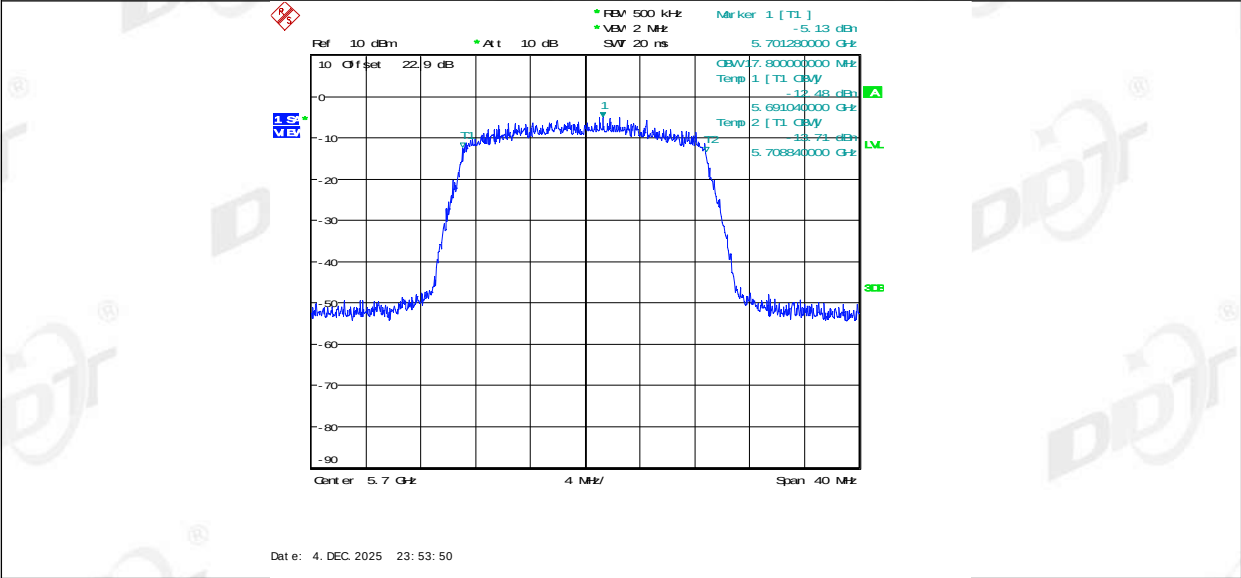
11AC20MIMO_Ant2_5580



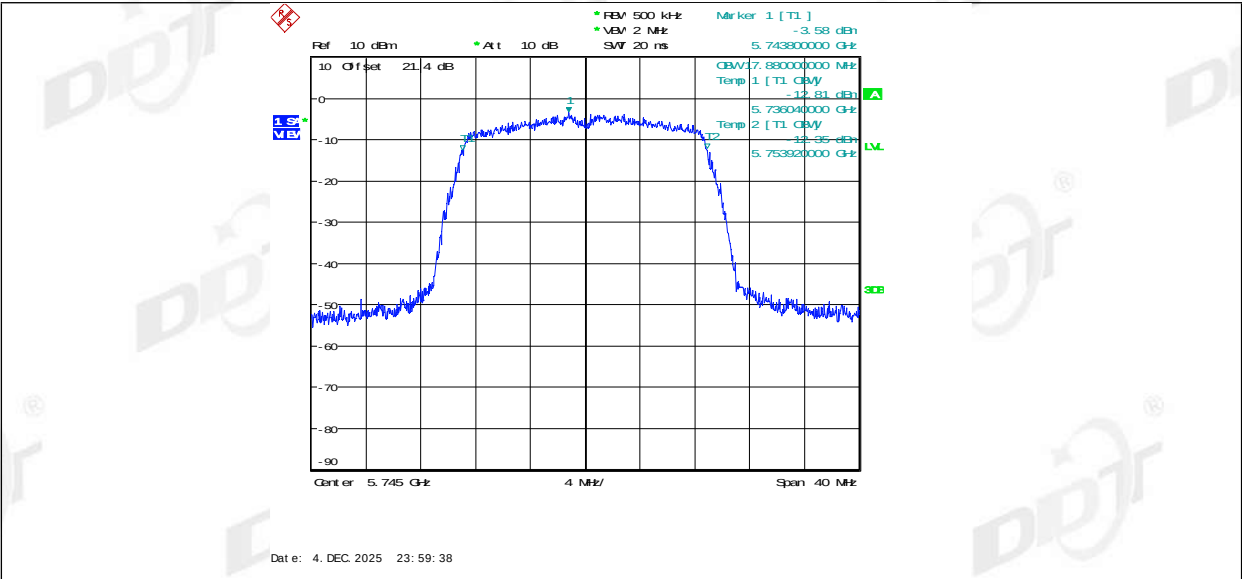
11AC20MIMO_Ant1_5700



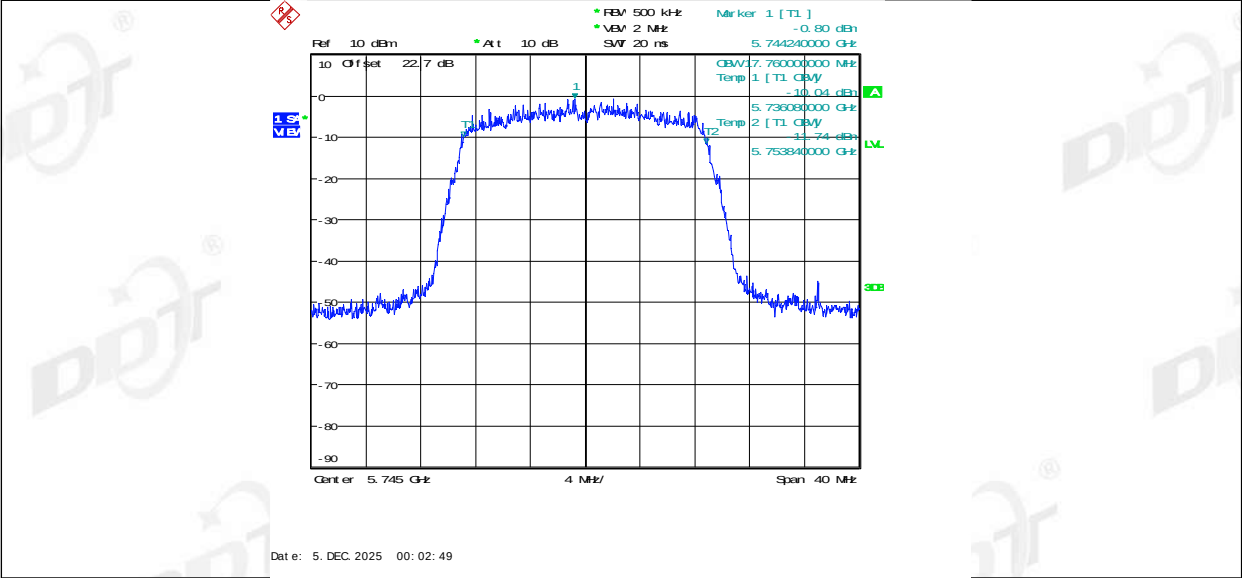
11AC20MIMO_Ant2_5700



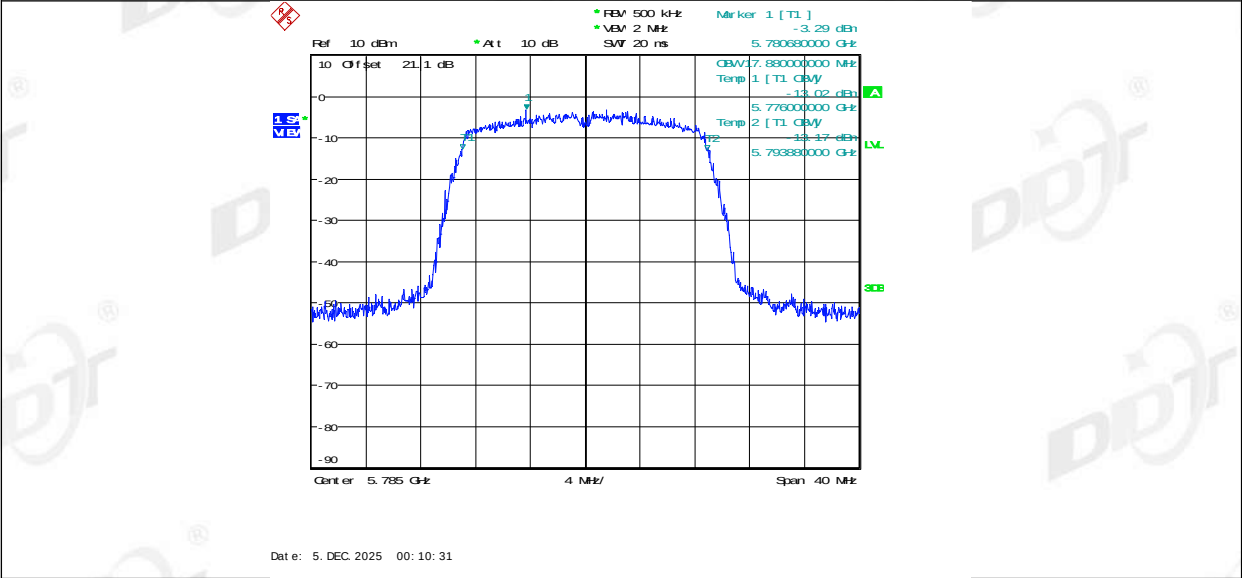
11AC20MIMO_Ant1_5745



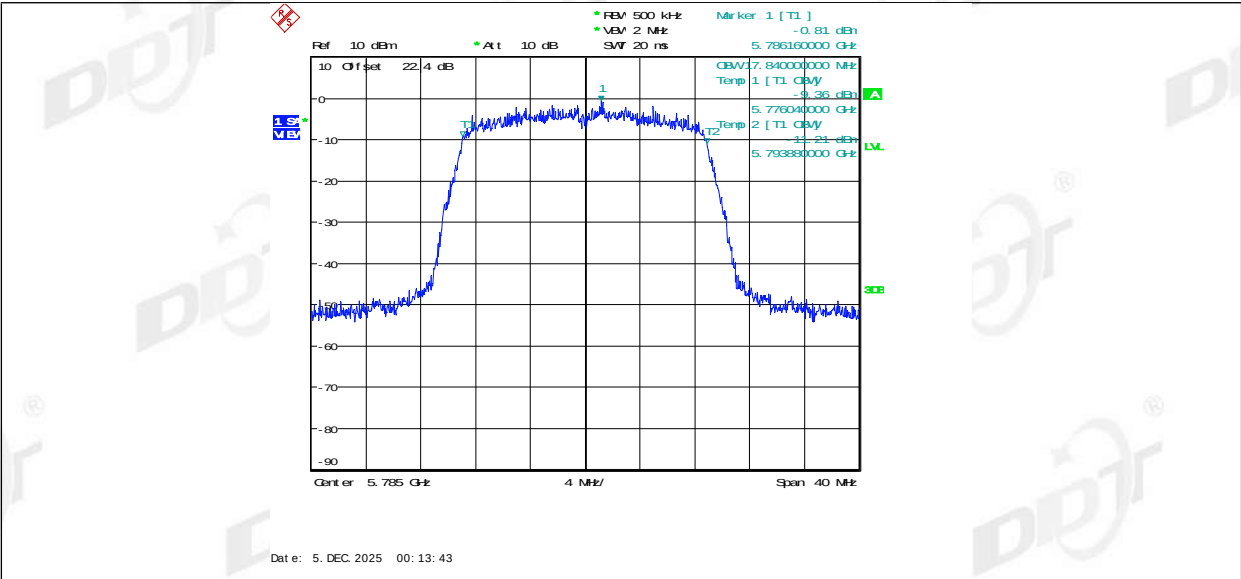
11AC20MIMO_Ant2_5745



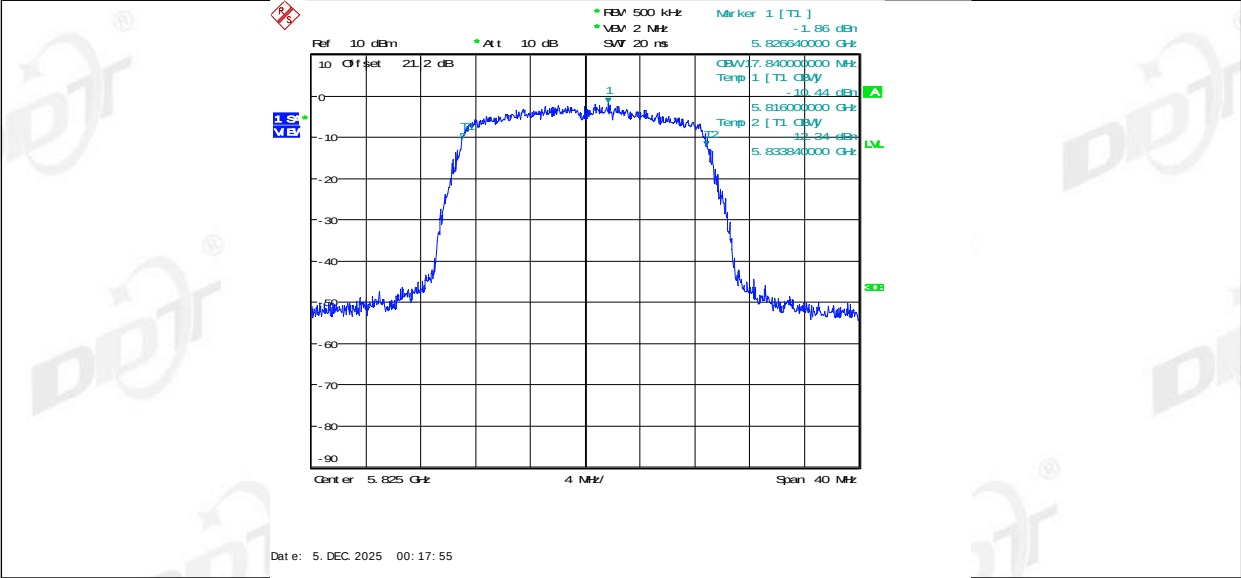
11AC20MIMO_Ant1_5785



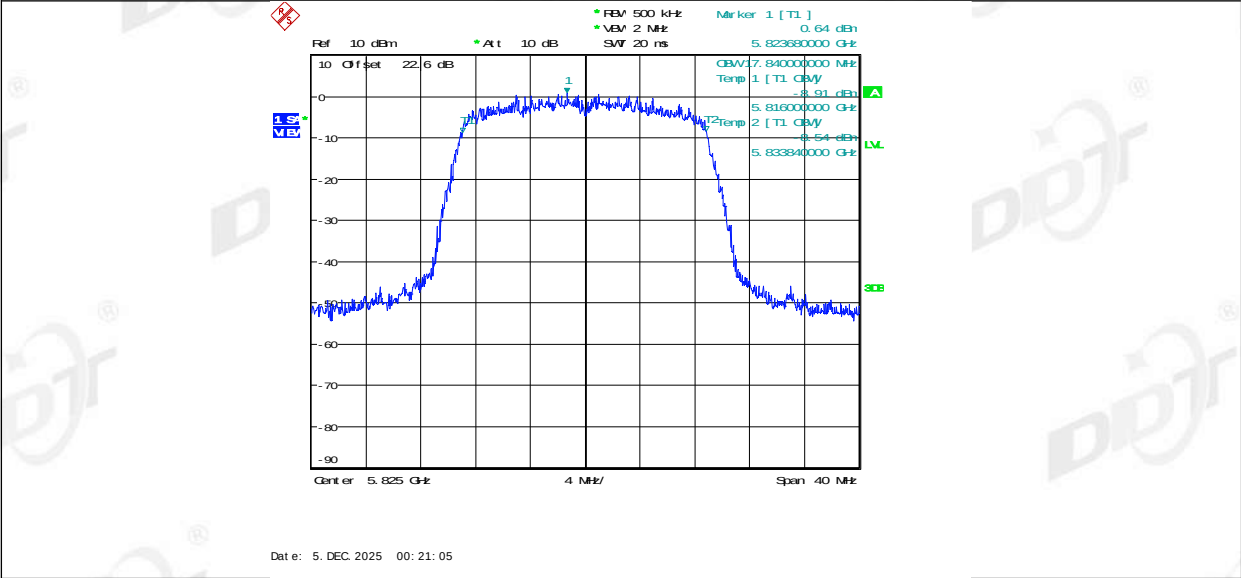
11AC20MIMO_Ant2_5785



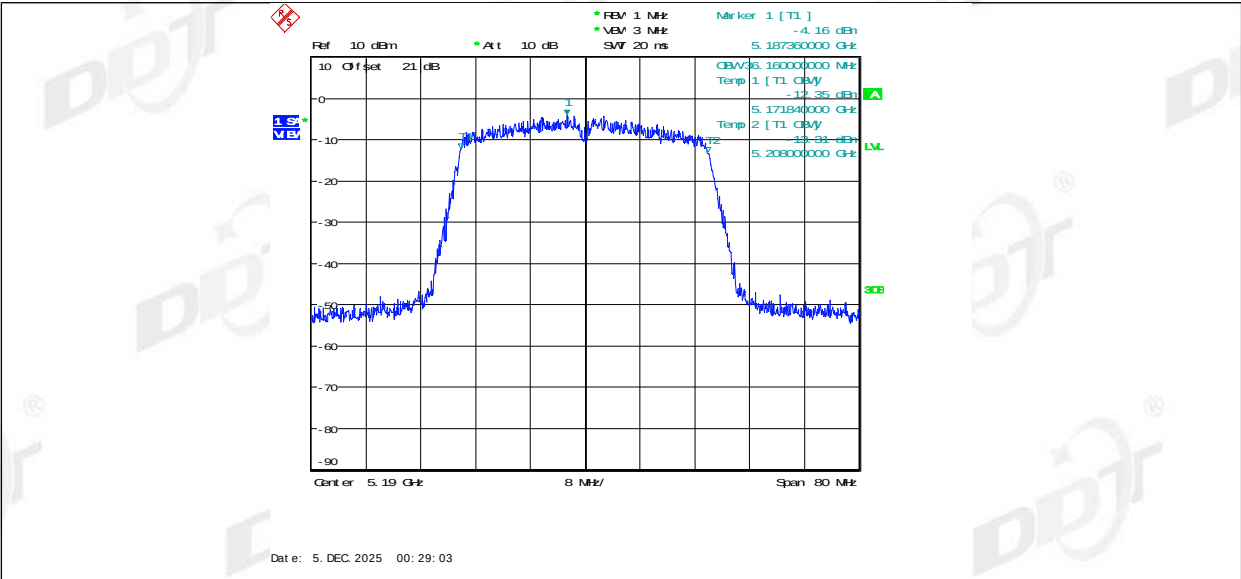
11AC20MIMO_Ant1_5825



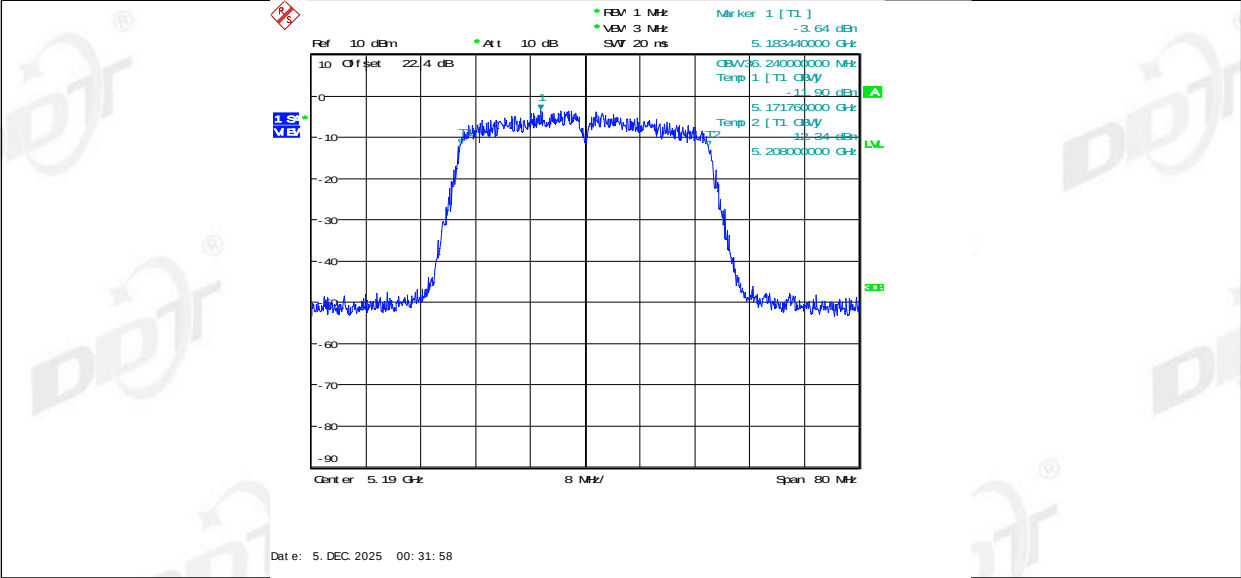
11AC20MIMO_Ant2_5825



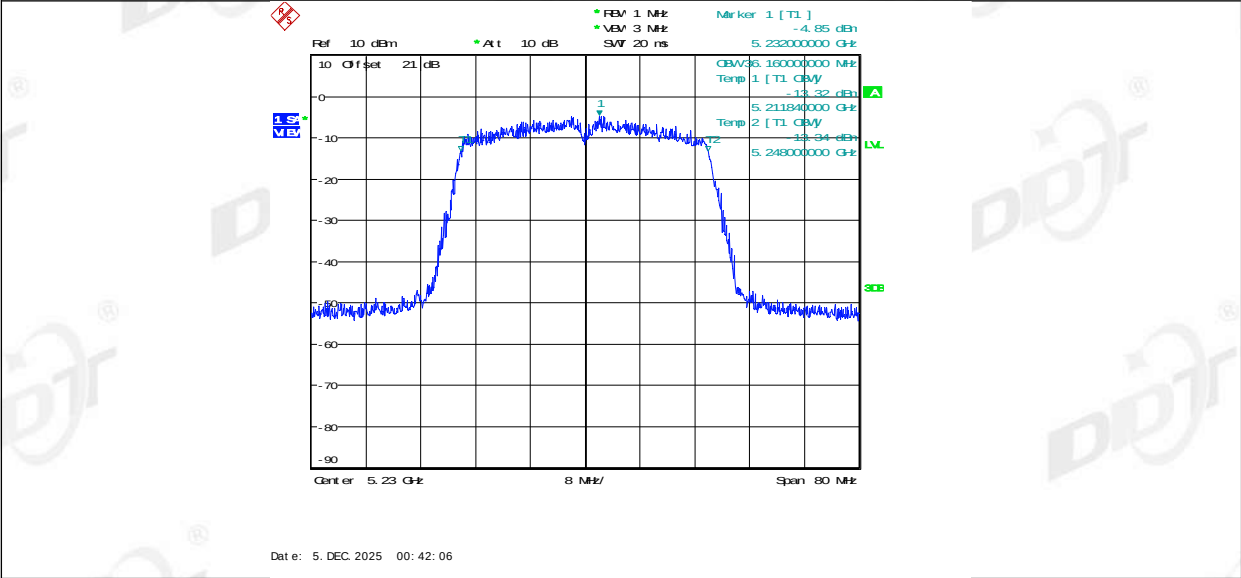
11AC40MIMO_Ant1_5190



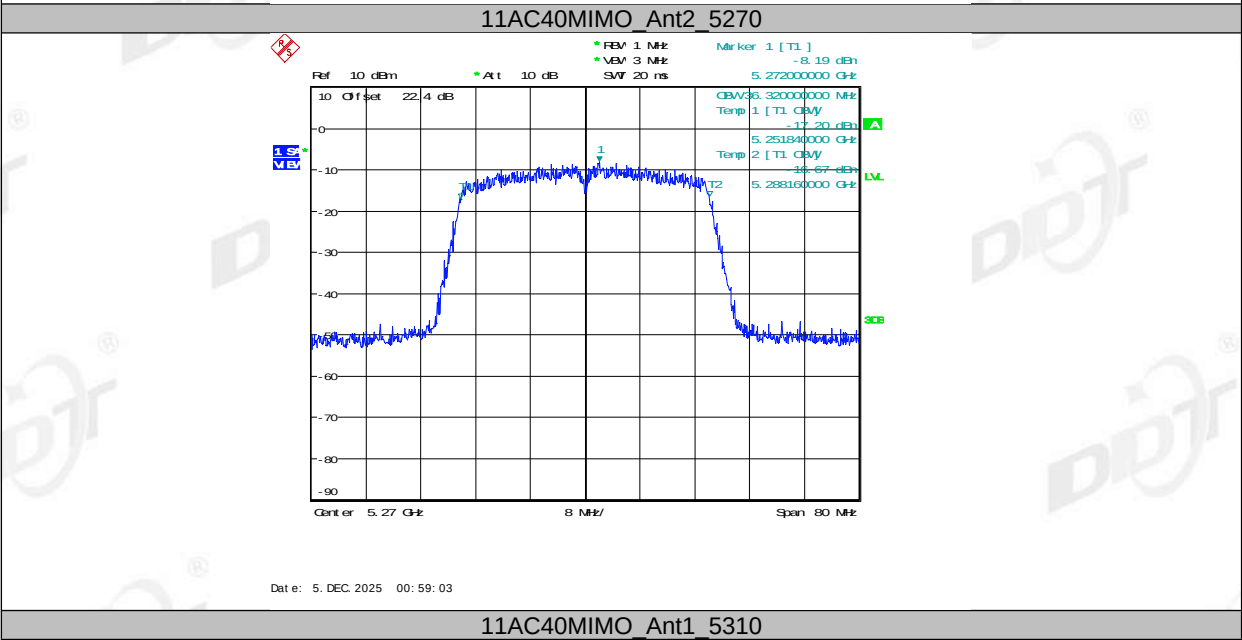
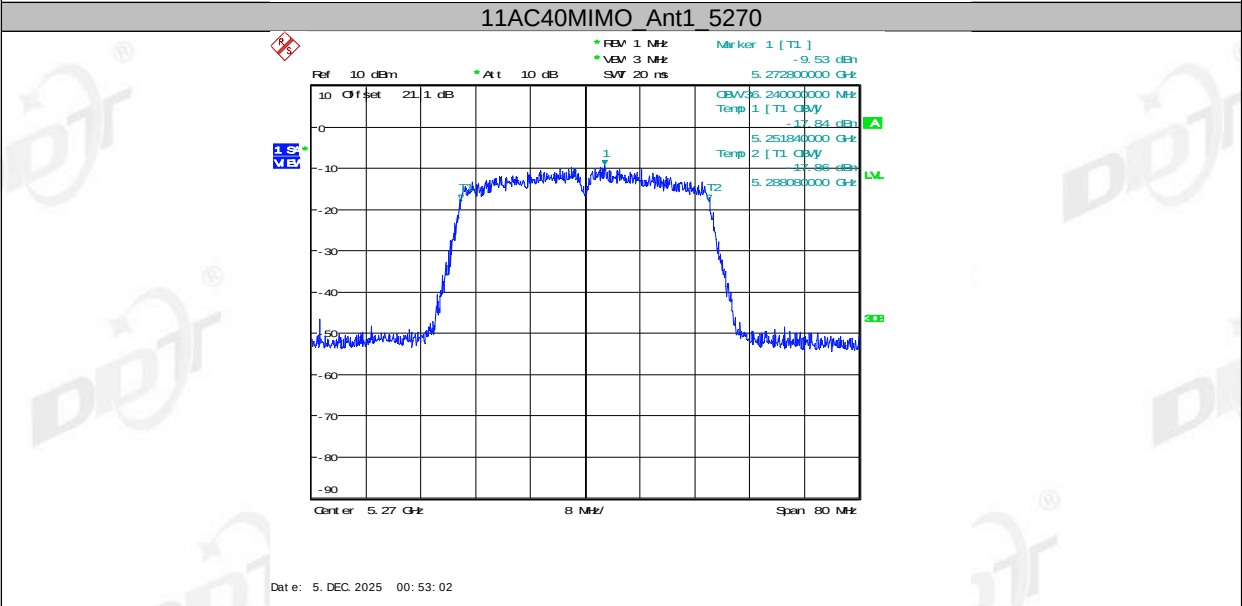
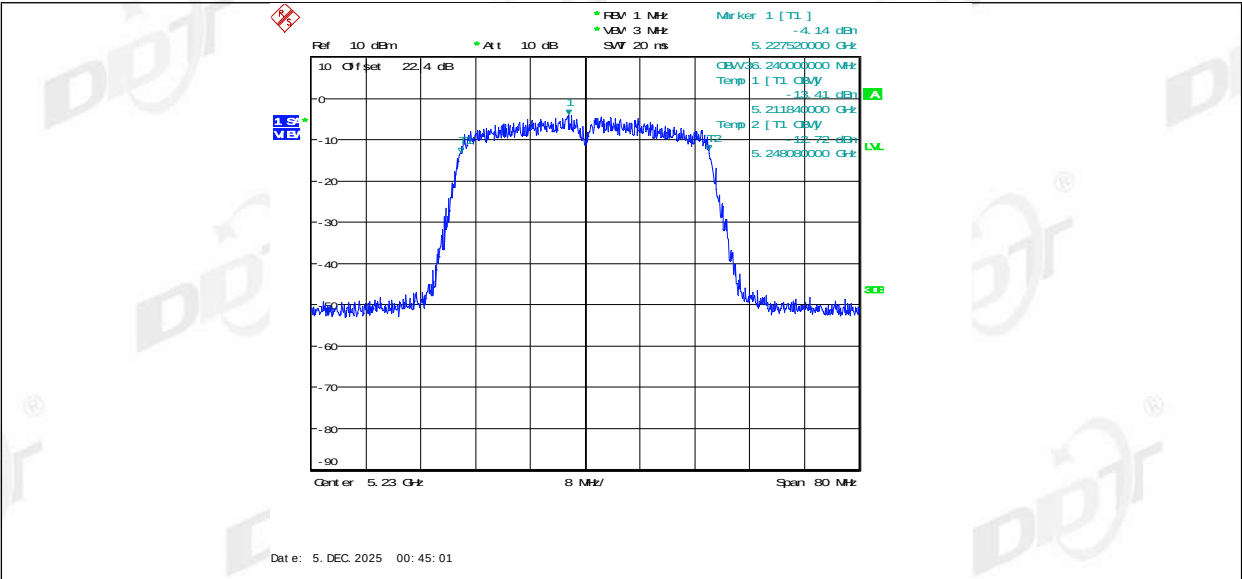
11AC40MIMO_Ant2_5190

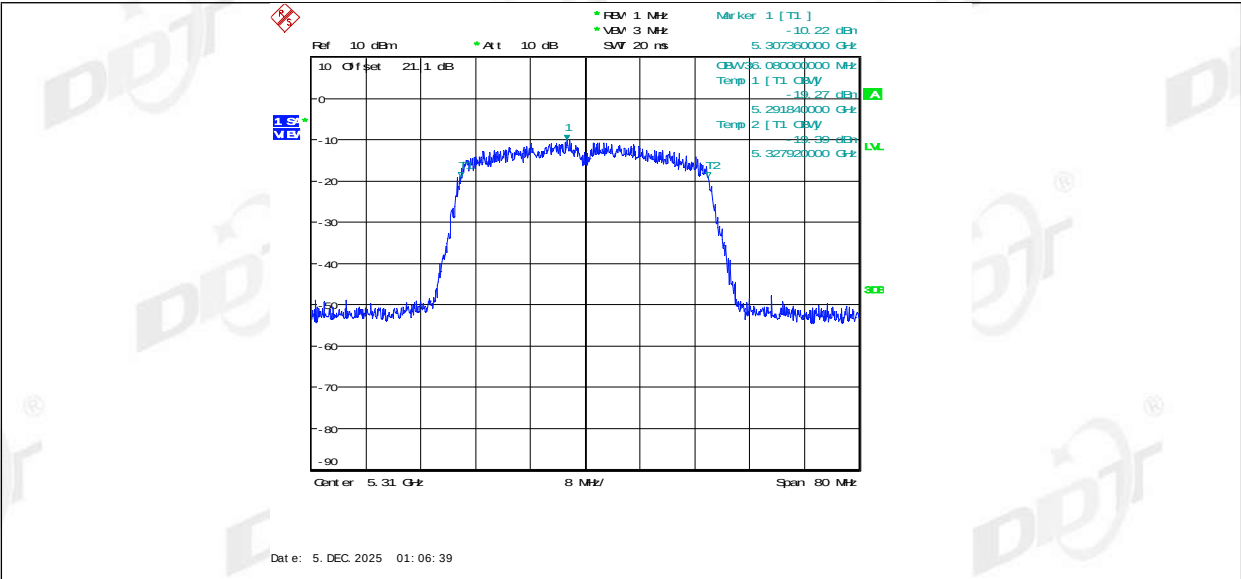


11AC40MIMO_Ant1_5230

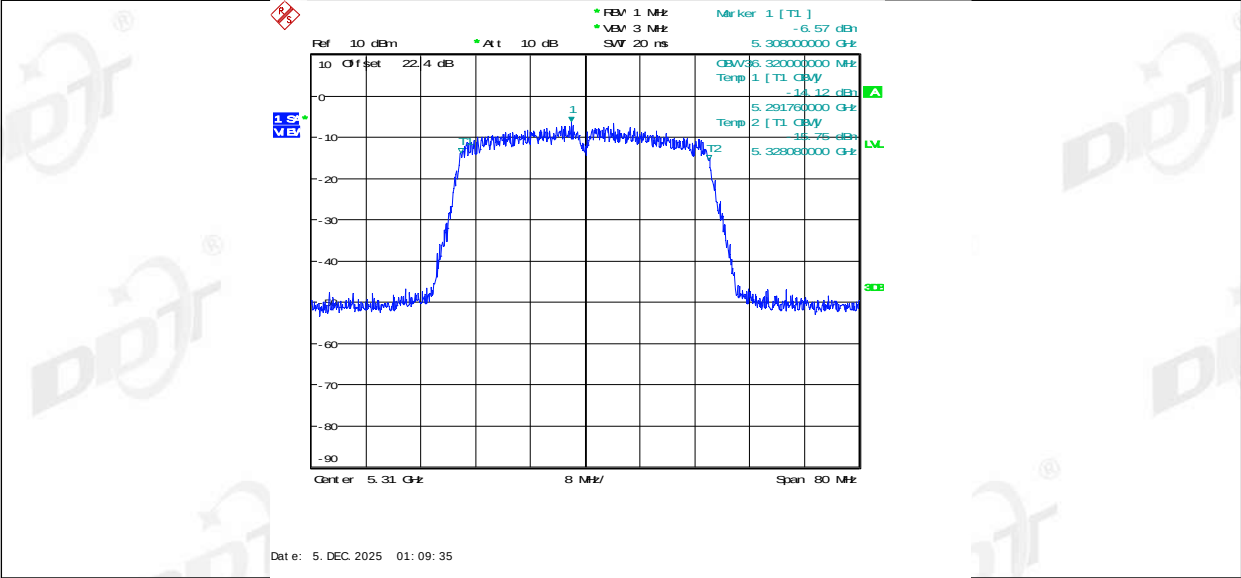


11AC40MIMO_Ant2_5230

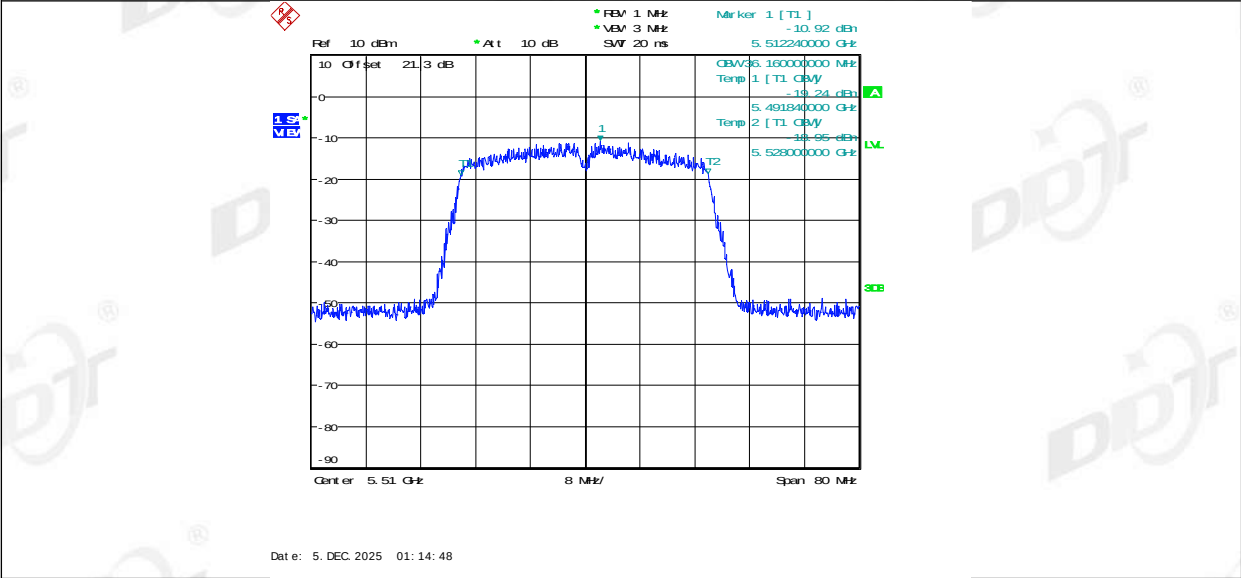




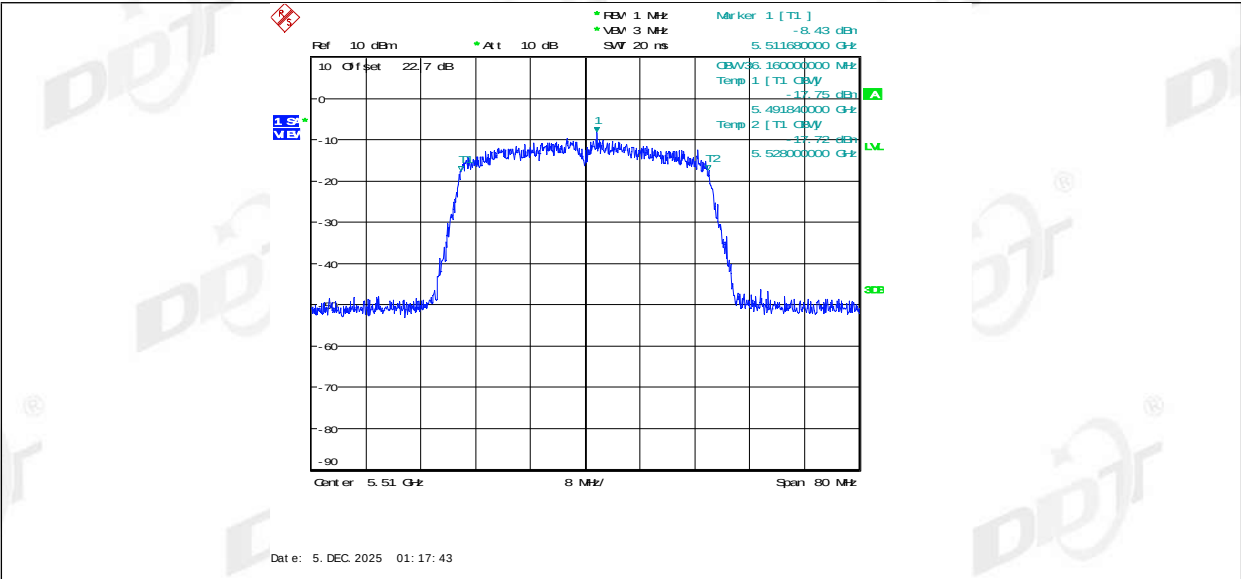
11AC40MIMO_Ant2_5310



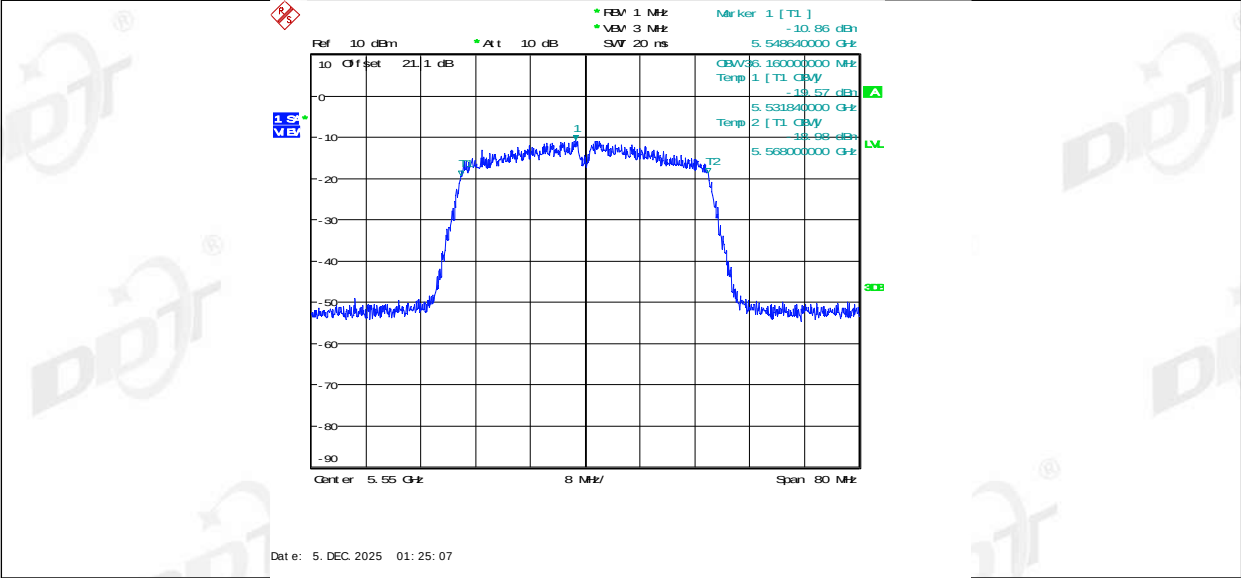
11AC40MIMO_Ant1_5510



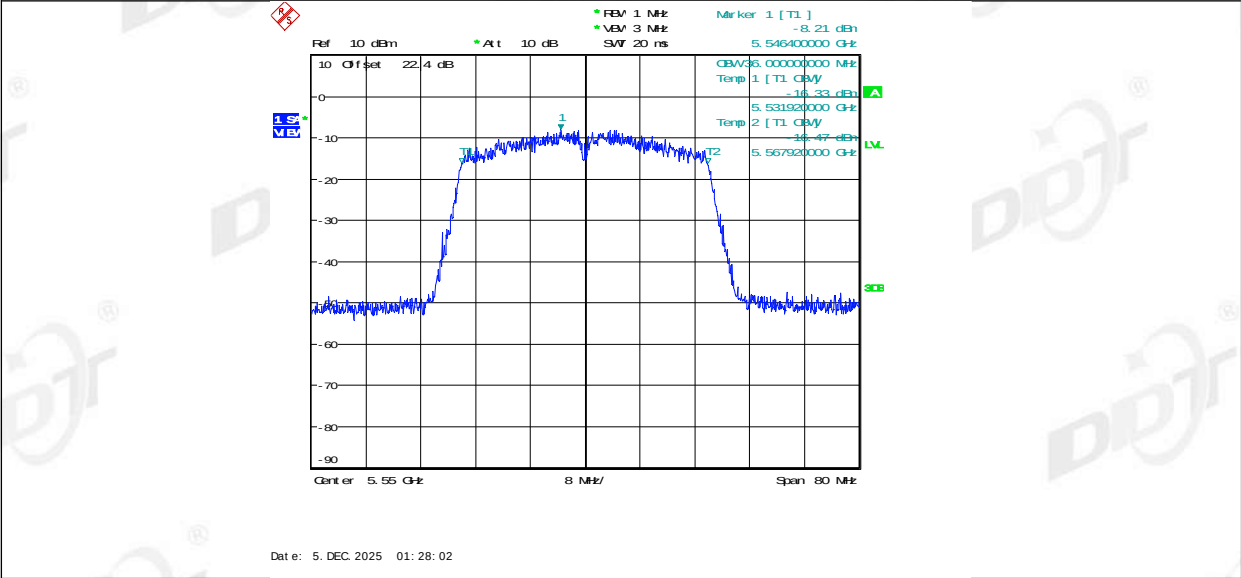
11AC40MIMO_Ant2_5510



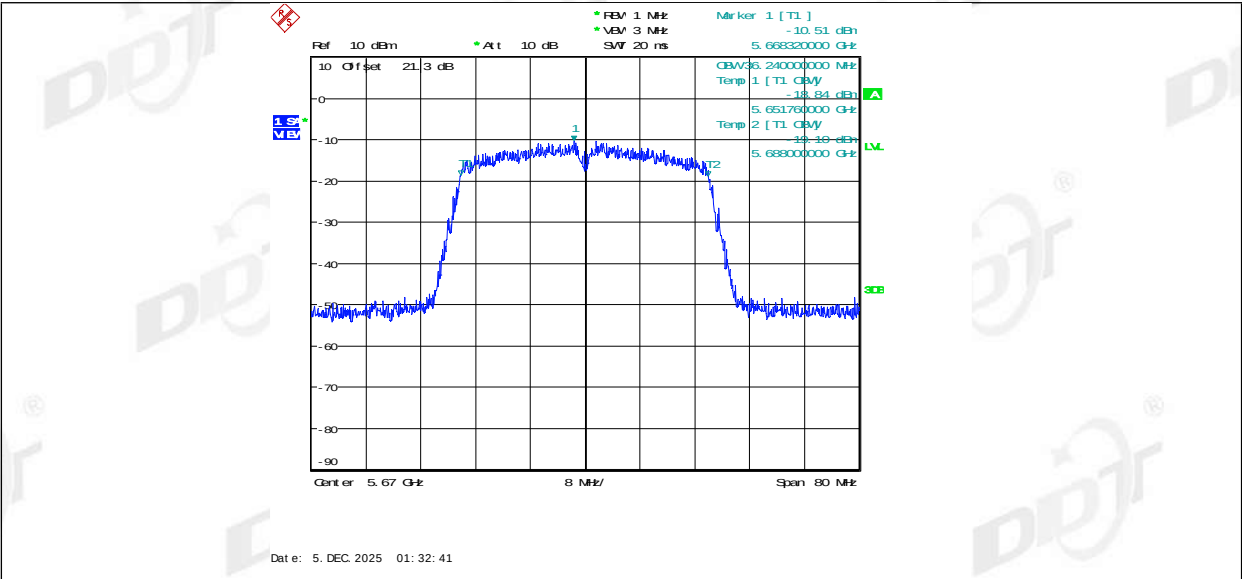
11AC40MIMO_Ant1_5550



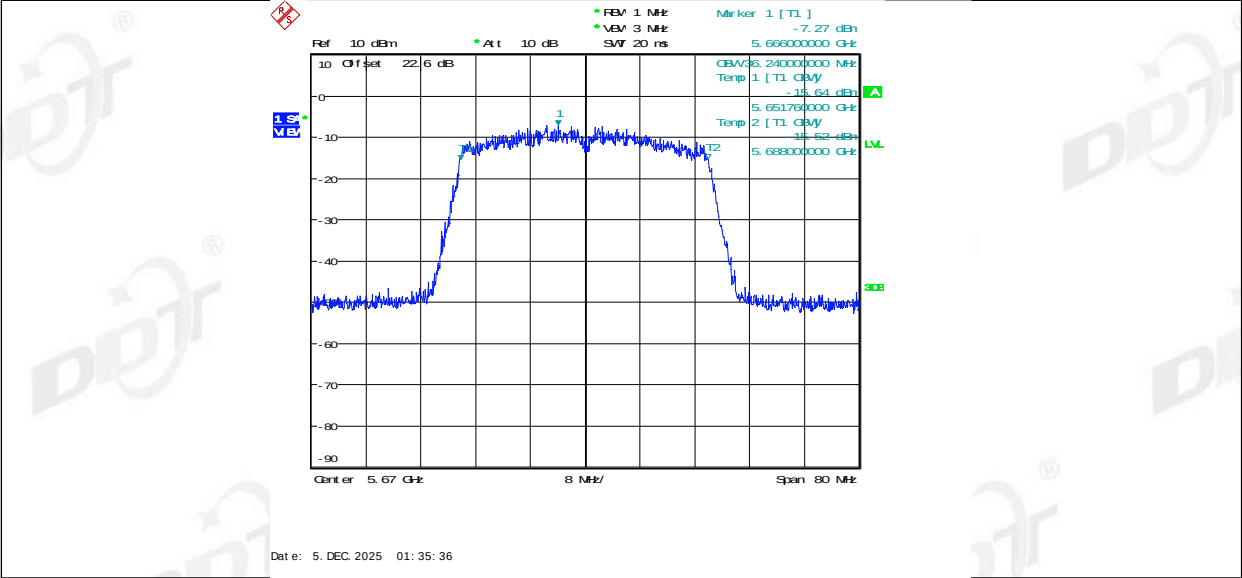
11AC40MIMO_Ant2_5550



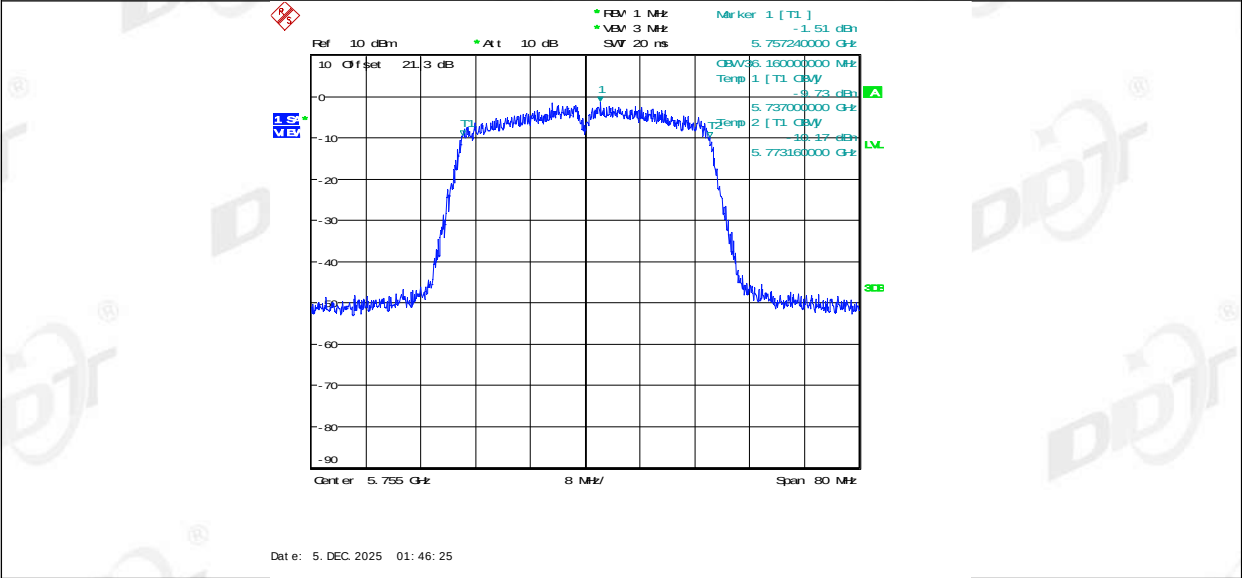
11AC40MIMO_Ant1_5670



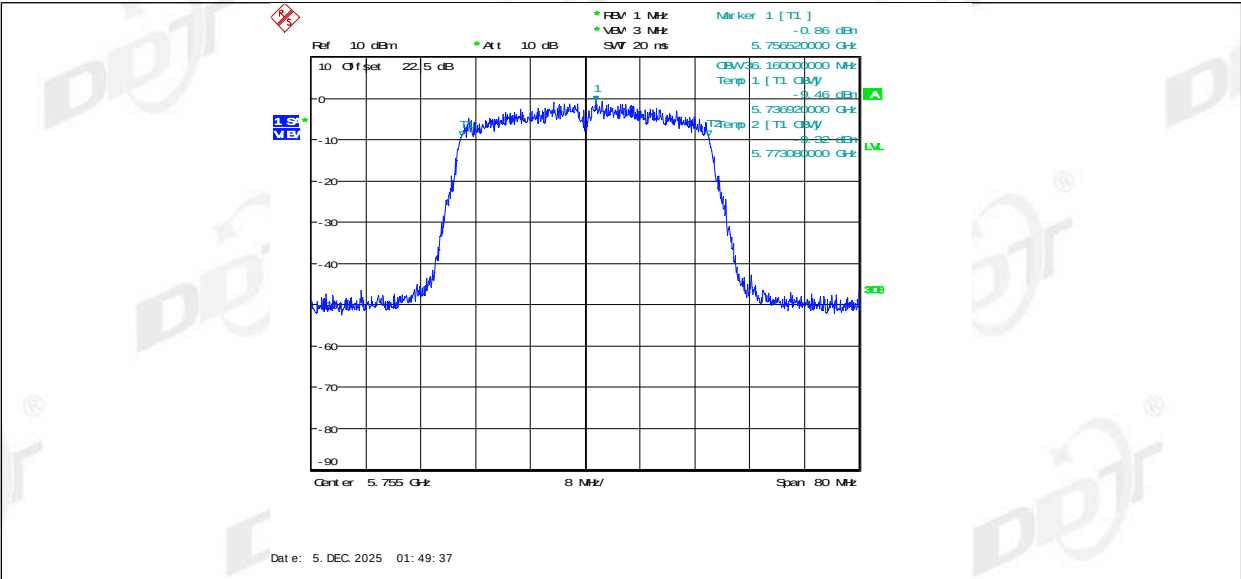
11AC40MIMO_Ant2_5670



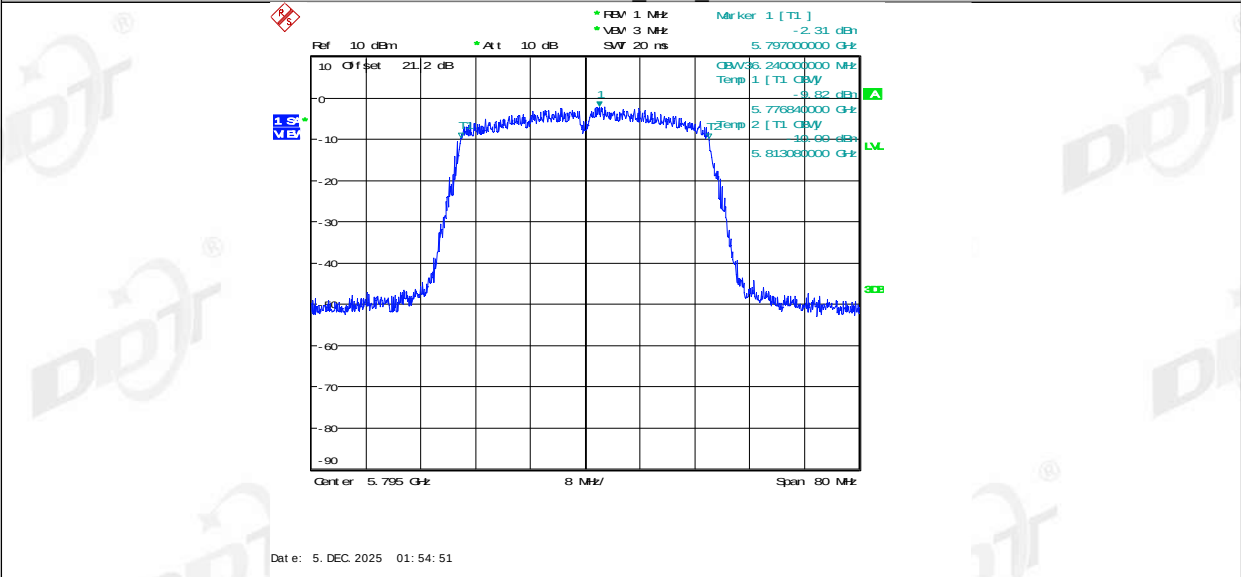
11AC40MIMO_Ant1_5755



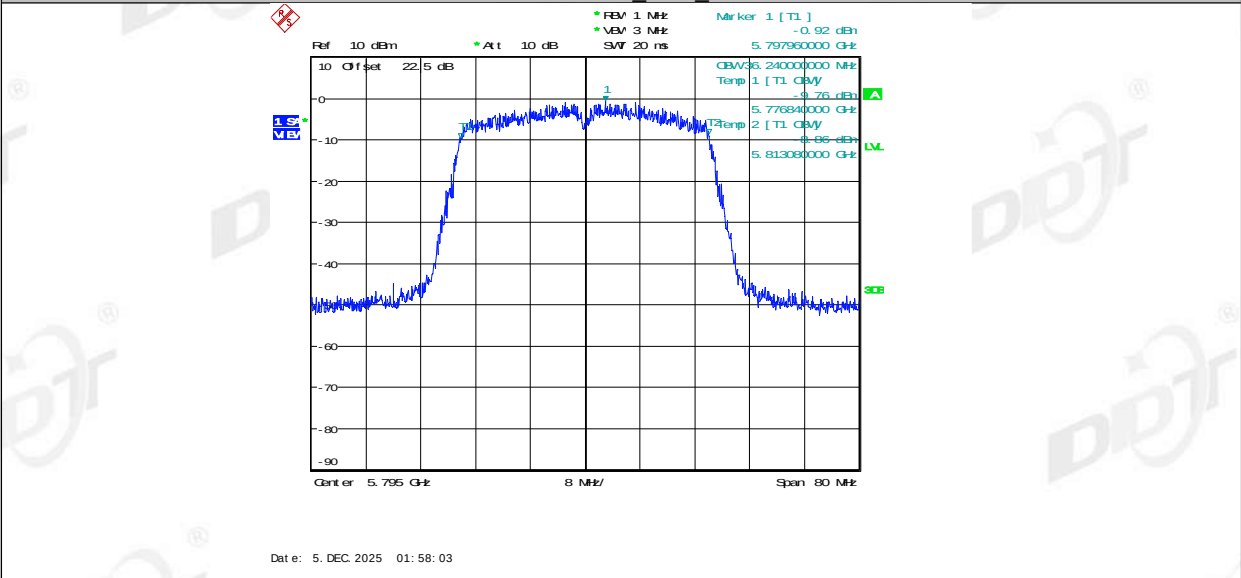
11AC40MIMO_Ant2_5755



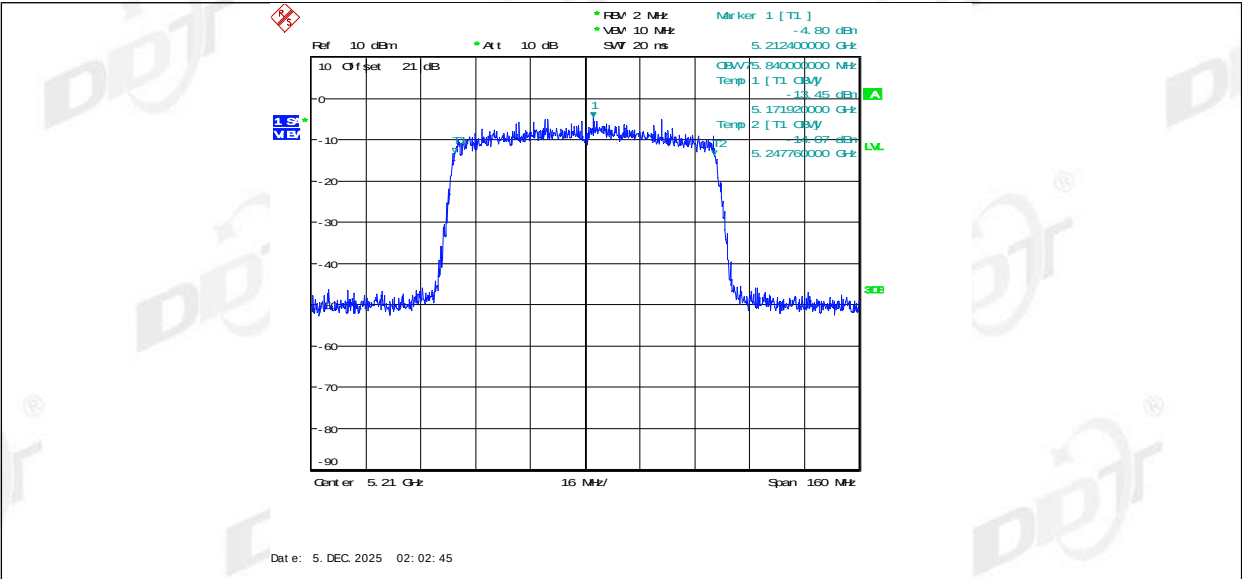
11AC40MIMO_Ant1_5795



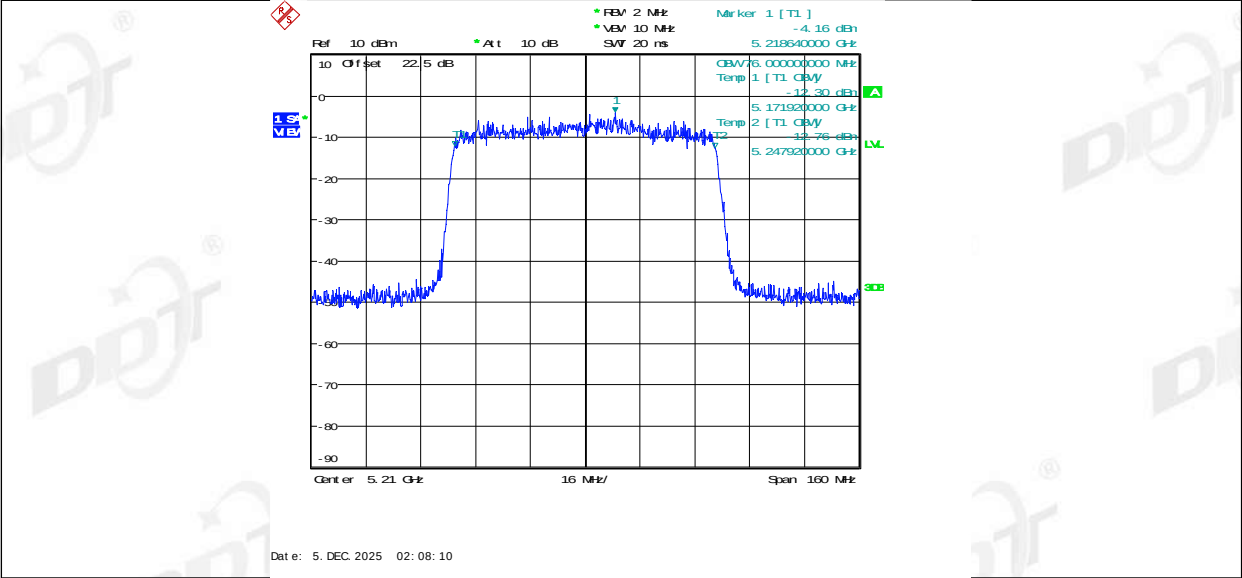
11AC40MIMO_Ant2_5795



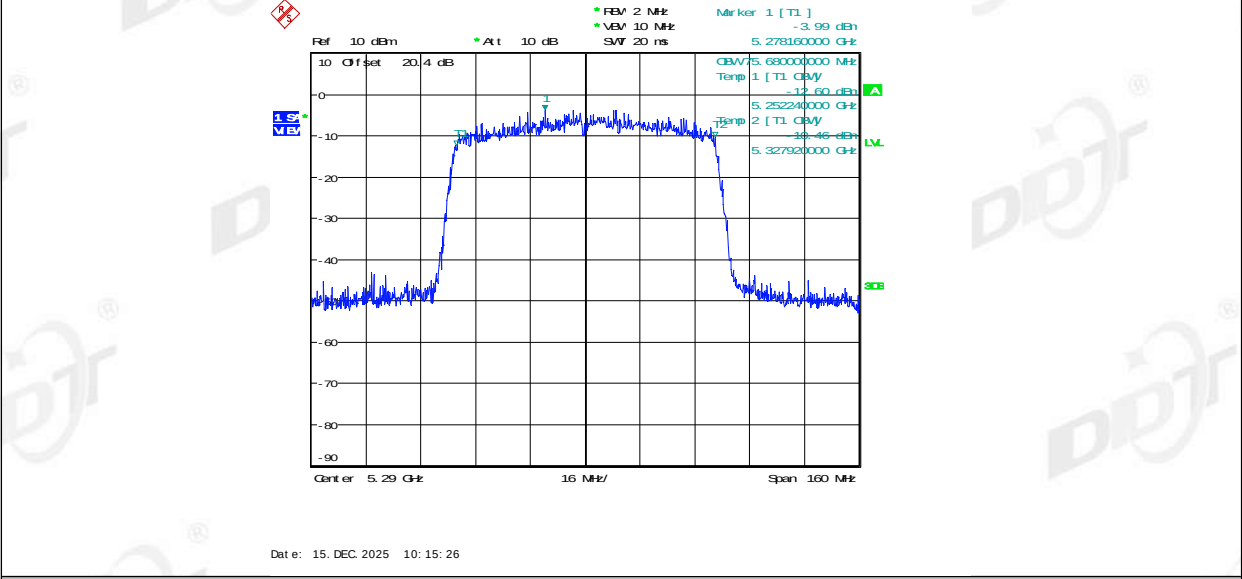
11AC80MIMO_Ant1_5210



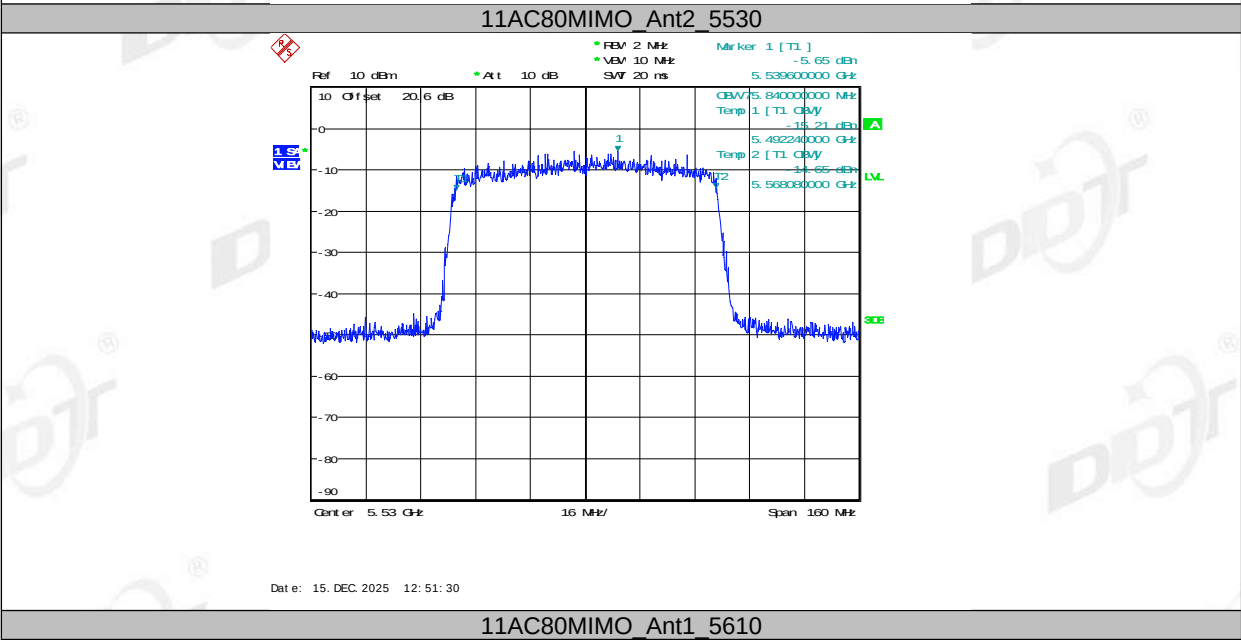
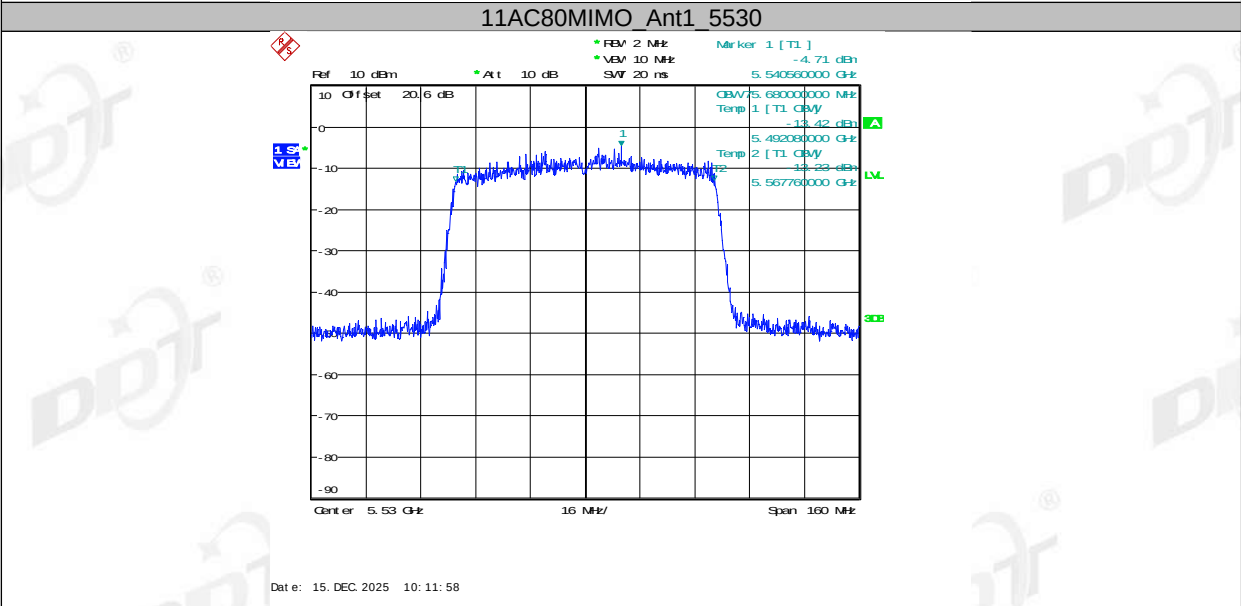
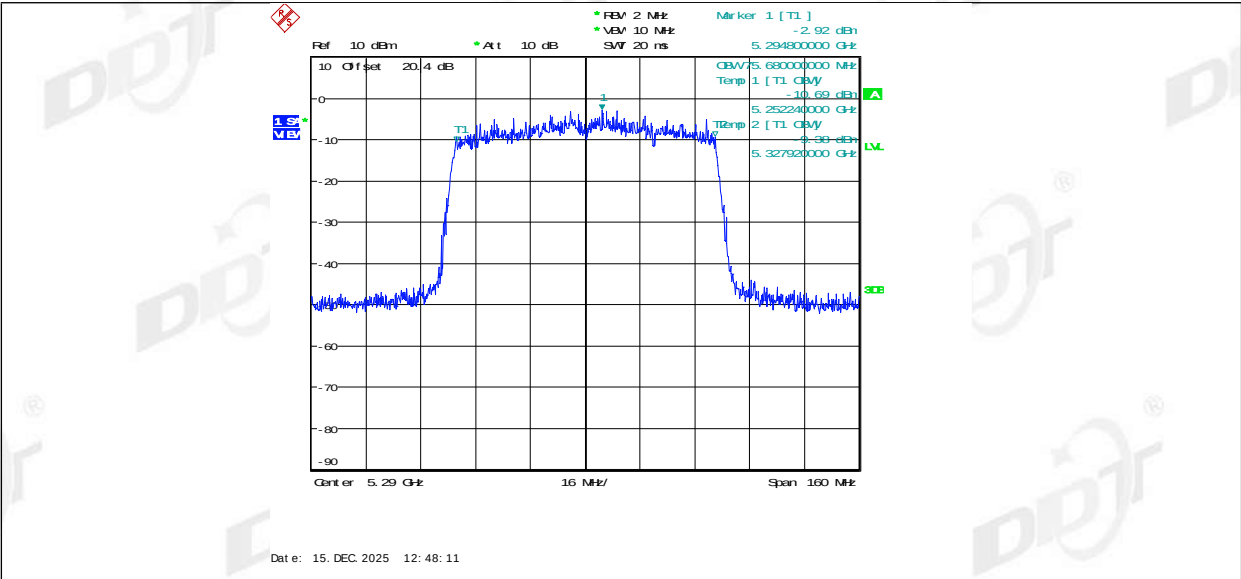
11AC80MIMO_Ant2_5210

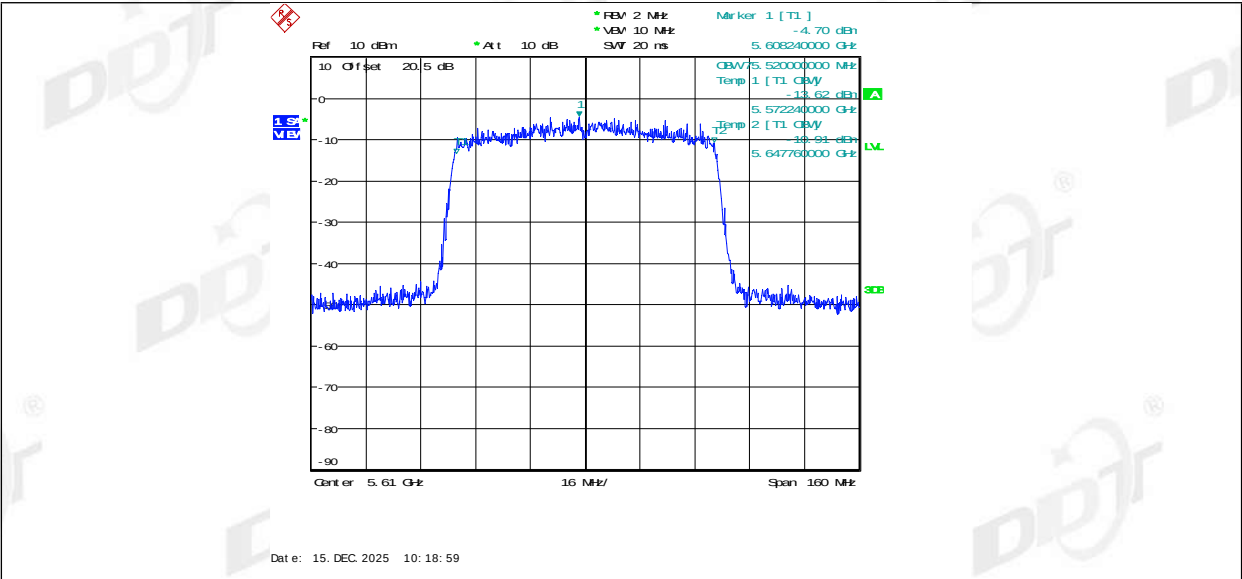


11AC80MIMO_Ant1_5290

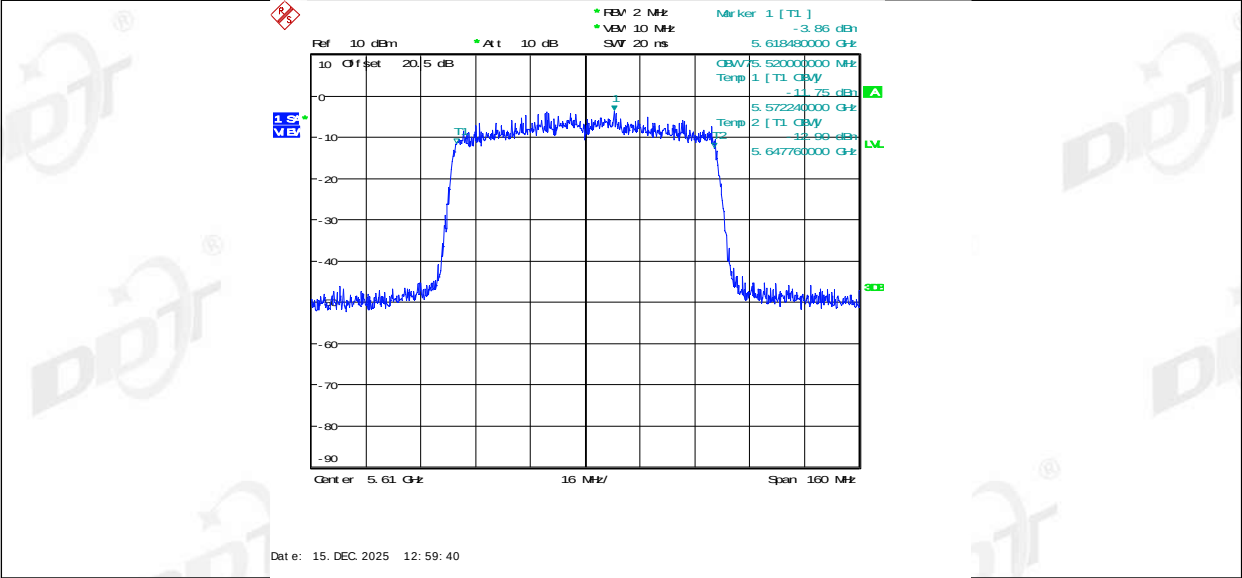


11AC80MIMO_Ant2_5290

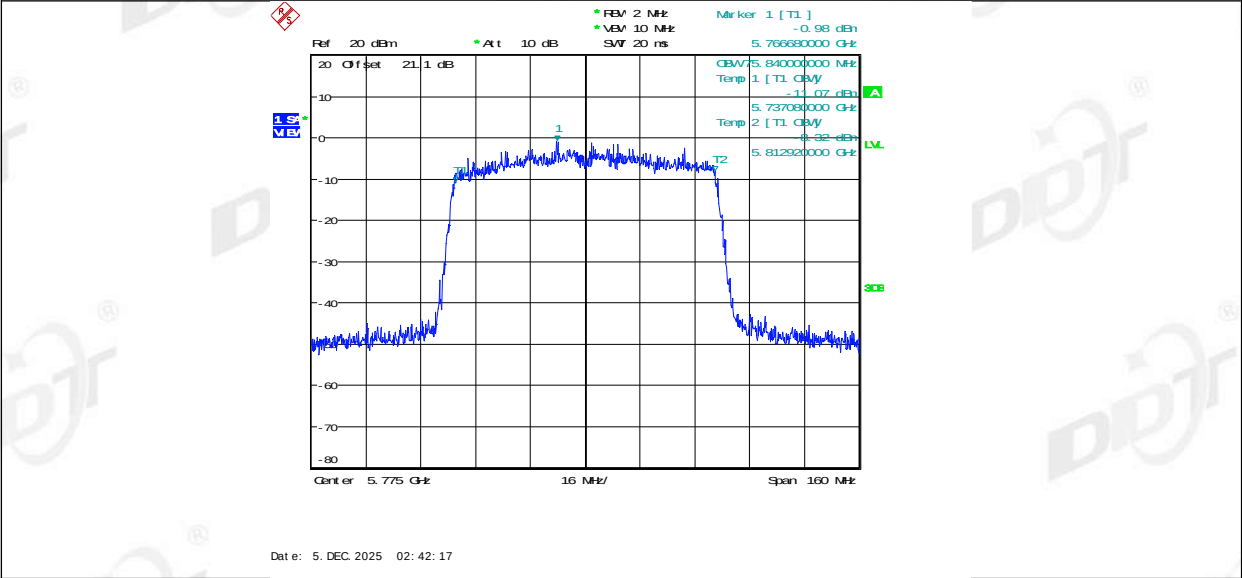




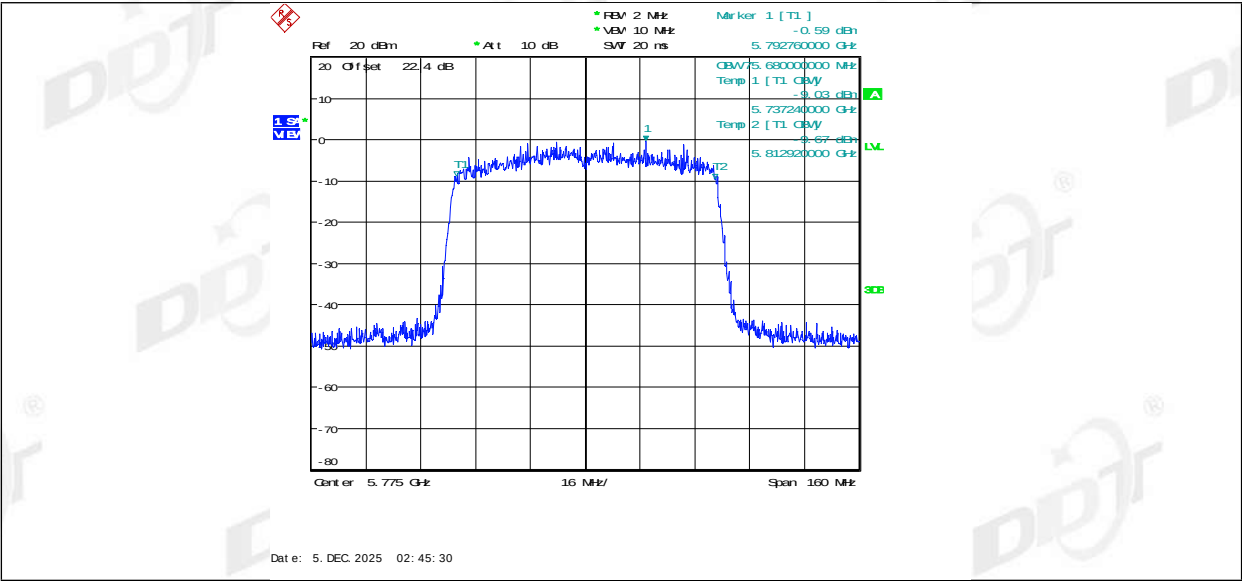
11AC80MIMO_Ant2_5610



11AC80MIMO_Ant1_5775

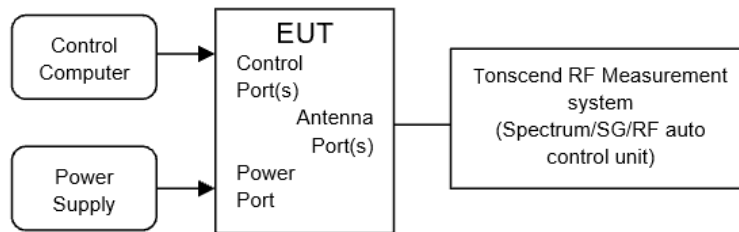


11AC80MIMO_Ant2_5775



7. Duty Cycle

7.1. Block diagram of test setup



7.2. Limit

Just for Report.

7.3. Test procedure

- (1) Connected the EUT's antenna port to the Spectrum Analyzer by suitable attenuator, The cable loss and attenuator loss have been put into spectrum analyzer as amplitude offset.
set the Spectrum Analyzer as below:
 - Centre Frequency: The centre frequency of the middle hopping channel.
 - Resolution BW: 10 MHz.
 - Video BW: 10 MHz.
 - Span: Zero span.
 - Detector: Peak.
 - Trace Mode: Clear Write.
 - Sweep: Video Trigger
- (2) When the trace is complete, measure the sending time of 1 burst and the duty cycle of 1 burst cycle.
- (3) Calculate dwell time follow below formula:
Duty cycle= Pulse's on time / Burst cycle

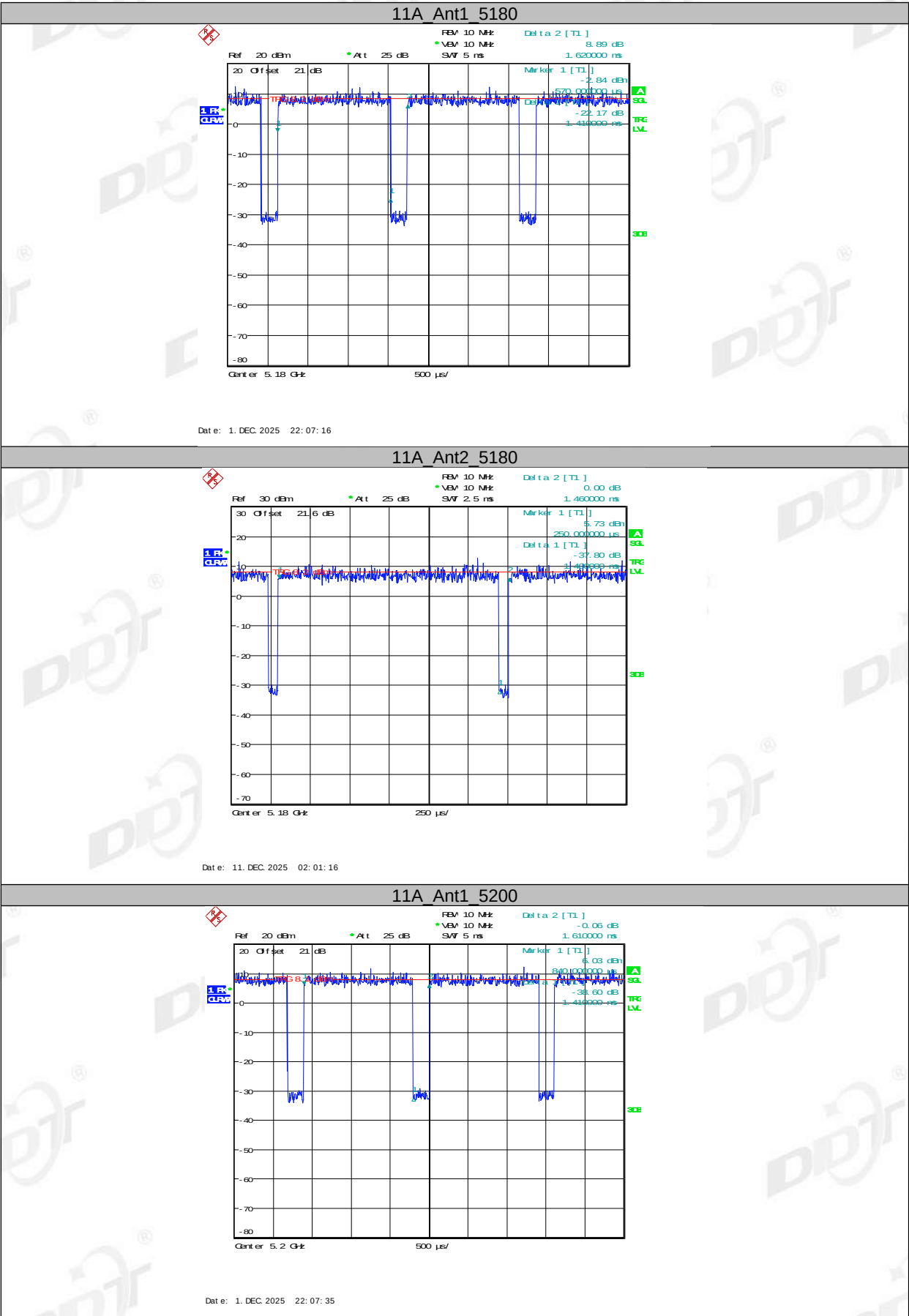
7.4. Test result

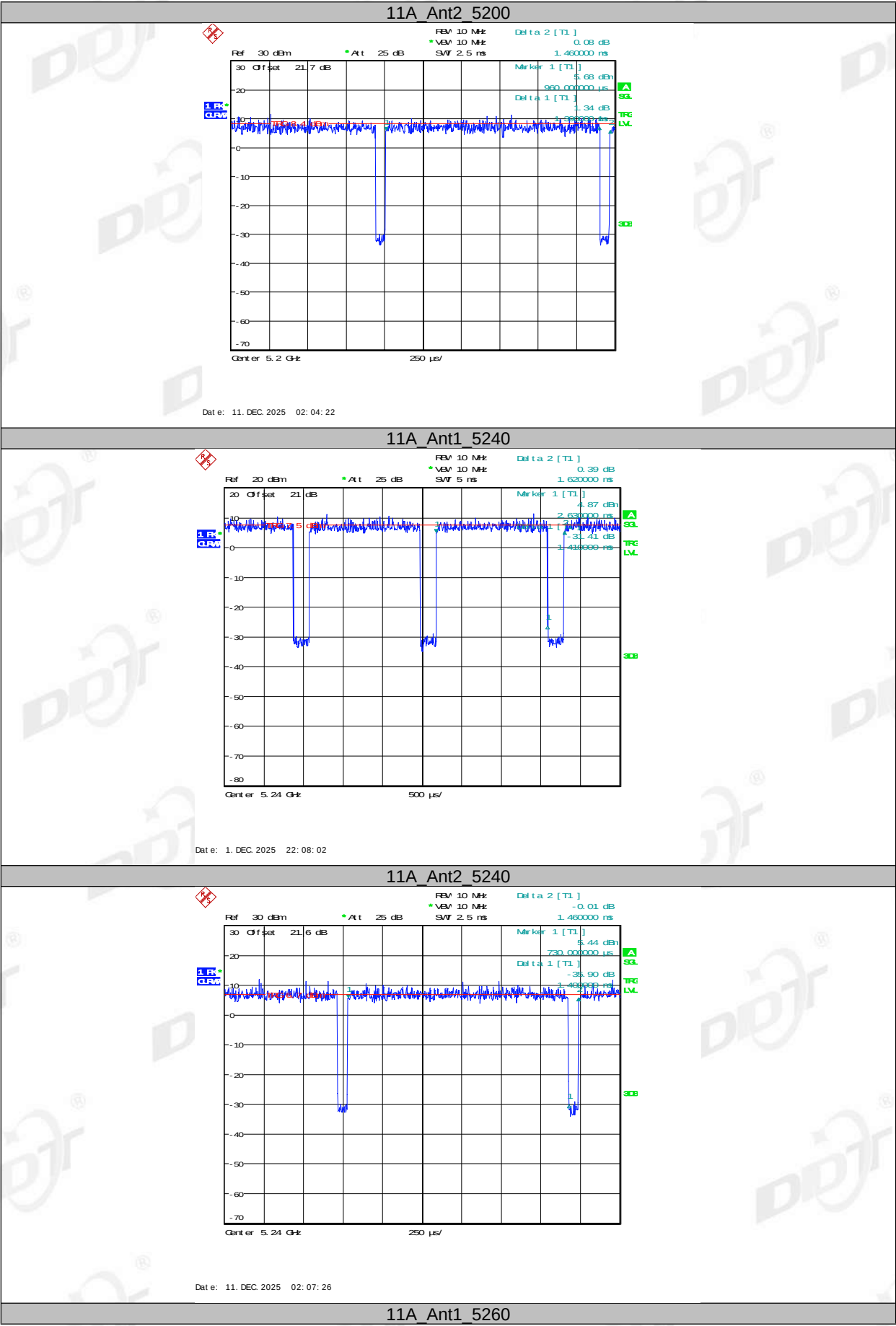
Test Engineer:	Wayne Huang	Test Site:	RF Measurement System 1#
Ambient Condition:	24.9℃,46.1%RH	Test Date:	2025.12.01-2025.12.17
Test Power Supply:	PoE Input 24V,0.5A	Sample Number:	S25092317-001

Test Mode	Antenna	Frequency[MHz]	Transmission Duration [ms]	Transmission Period [ms]	Duty Cycle [%]
11A	Ant1	5180	1.41	1.62	87.04
	Ant2	5180	1.40	1.46	95.89
	Ant1	5200	1.41	1.61	87.58
	Ant2	5200	1.39	1.46	95.21
	Ant1	5240	1.41	1.62	87.04
	Ant2	5240	1.40	1.46	95.89
	Ant1	5260	1.41	1.62	87.04
	Ant2	5260	1.40	1.47	95.24
	Ant1	5280	1.40	1.61	86.96
	Ant2	5280	1.40	1.46	95.89
	Ant1	5320	1.40	1.61	86.96
	Ant2	5320	1.41	1.47	95.92
	Ant1	5500	1.40	1.61	86.96
	Ant2	5500	1.40	1.47	95.24
	Ant1	5580	1.41	1.62	87.04
	Ant2	5580	1.41	1.47	95.92
	Ant1	5700	1.40	1.61	86.96
	Ant2	5700	1.41	1.47	95.92
	Ant1	5745	1.40	1.61	86.96
	Ant2	5745	1.40	1.46	95.89
	Ant1	5785	1.40	1.61	86.96
	Ant2	5785	1.41	1.47	95.92
	Ant1	5825	1.40	1.61	86.96
	Ant2	5825	1.41	1.47	95.92
11N20MIMO	Ant1	5180	0.68	0.89	76.40
	Ant2	5180	0.68	0.89	76.40
	Ant1	5200	0.68	0.89	76.40
	Ant2	5200	0.68	0.89	76.40
	Ant1	5240	0.68	0.88	77.27
	Ant2	5240	0.68	0.89	76.40
	Ant1	5260	0.68	0.89	76.40
	Ant2	5260	0.68	0.88	77.27
	Ant1	5280	0.68	0.89	76.40
	Ant2	5280	0.68	0.89	76.40
	Ant1	5320	0.68	0.89	76.40
	Ant2	5320	0.68	0.89	76.40
	Ant1	5500	0.68	0.89	76.40
	Ant2	5500	0.68	0.88	77.27
	Ant1	5580	0.68	0.89	76.40
	Ant2	5580	0.68	0.89	76.40
	Ant1	5700	0.68	0.89	76.40
	Ant2	5700	0.68	0.89	76.40
	Ant1	5745	0.68	0.89	76.40
	Ant2	5745	0.68	0.89	76.40
	Ant1	5785	0.68	0.89	76.40
	Ant2	5785	0.68	0.89	76.40
	Ant1	5825	0.68	0.89	76.40
	Ant2	5825	0.68	0.89	76.40
11N40MIMO	Ant1	5190	0.35	0.56	62.50
	Ant2	5190	0.35	0.56	62.50
	Ant1	5230	0.35	0.56	62.50
	Ant2	5230	0.35	0.56	62.50
	Ant1	5270	0.35	0.56	62.50
	Ant2	5270	0.35	0.56	62.50

	Ant1	5310	0.35	0.56	62.50
	Ant2	5310	0.35	0.56	62.50
	Ant1	5510	0.35	0.56	62.50
	Ant2	5510	0.35	0.56	62.50
	Ant1	5550	0.35	0.56	62.50
	Ant2	5550	0.35	0.55	63.64
	Ant1	5670	0.35	0.56	62.50
	Ant2	5670	0.35	0.56	62.50
	Ant1	5755	0.35	0.56	62.50
	Ant2	5755	0.35	0.55	63.64
	Ant1	5795	0.35	0.56	62.50
	Ant2	5795	0.35	0.55	63.64
11AC20MIM O	Ant1	5180	0.69	0.90	76.67
	Ant2	5180	0.68	0.89	76.40
	Ant1	5200	0.69	0.90	76.67
	Ant2	5200	0.69	0.90	76.67
	Ant1	5240	0.69	0.90	76.67
	Ant2	5240	0.68	0.89	76.40
	Ant1	5260	0.68	0.89	76.40
	Ant2	5260	0.69	0.90	76.67
	Ant1	5280	0.69	0.89	77.53
	Ant2	5280	0.68	0.89	76.40
	Ant1	5320	0.69	0.89	77.53
	Ant2	5320	0.68	0.89	76.40
	Ant1	5500	0.69	0.89	77.53
	Ant2	5500	0.68	0.89	76.40
	Ant1	5580	0.69	0.89	77.53
	Ant2	5580	0.68	0.89	76.40
	Ant1	5700	0.68	0.89	76.40
	Ant2	5700	0.68	0.89	76.40
	Ant1	5745	0.69	0.90	76.67
	Ant2	5745	0.69	0.89	77.53
	Ant1	5785	0.69	0.89	77.53
	Ant2	5785	0.68	0.89	76.40
	Ant1	5825	0.68	0.89	76.40
	Ant2	5825	0.69	0.89	77.53
11AC40MIM O	Ant1	5190	0.35	0.55	63.64
	Ant2	5190	0.35	0.56	62.50
	Ant1	5230	0.35	0.56	62.50
	Ant2	5230	0.35	0.56	62.50
	Ant1	5270	0.36	0.56	64.29
	Ant2	5270	0.35	0.56	62.50
	Ant1	5310	0.35	0.56	62.50
	Ant2	5310	0.35	0.55	63.64
	Ant1	5510	0.35	0.56	62.50
	Ant2	5510	0.36	0.56	64.29
	Ant1	5550	0.35	0.56	62.50
	Ant2	5550	0.35	0.56	62.50
	Ant1	5670	0.35	0.56	62.50
	Ant2	5670	0.35	0.56	62.50
	Ant1	5755	0.35	0.56	62.50
	Ant2	5755	0.35	0.56	62.50
	Ant1	5795	0.35	0.56	62.50
	Ant2	5795	0.35	0.56	62.50
11AC80MIM O	Ant1	5210	0.19	0.39	48.72
	Ant2	5210	0.19	0.39	48.72
	Ant1	5290	0.19	0.39	48.72
	Ant2	5290	0.18	0.39	46.15
	Ant1	5530	0.19	0.39	48.72
	Ant2	5530	0.19	0.39	48.72
	Ant1	5610	0.18	0.39	46.15
	Ant2	5610	0.19	0.40	47.50
	Ant1	5775	0.19	0.39	48.72
	Ant2	5775	0.18	0.39	46.15

7.5. Test graphs







1 P
QRM

Ref 30 dBm * Att 25 dB

RMW 10 MHz Delta 2 [T1] 34.91 dB
VMW 10 MHz 1.470000 ns
SMF 2.5 ns

30 Offset 21.6 dB

Mirror 1 [T1] -29.32 dB
-30.000000 us
Delta 1 [T1] 37.27 dB
1.490000 ns

Center 5.26 GHz 250 us/

Date: 11. DEC. 2025 02:10:37

Date: 1. DEC. 2025 22:09:42

[illegible]

Date: 1. DEC. 2025 22:13:18

REM 10 MHz
 VEM 10 MHz
 SWF 5 ns
 Delta 2 [T1] 0.13 dB
 1.470000 ns
 Mirror 1 [T1] 7.12 dB
 3.220000 ns
 Delta 1 [T1] -38.29 dB
 1.470000 ns

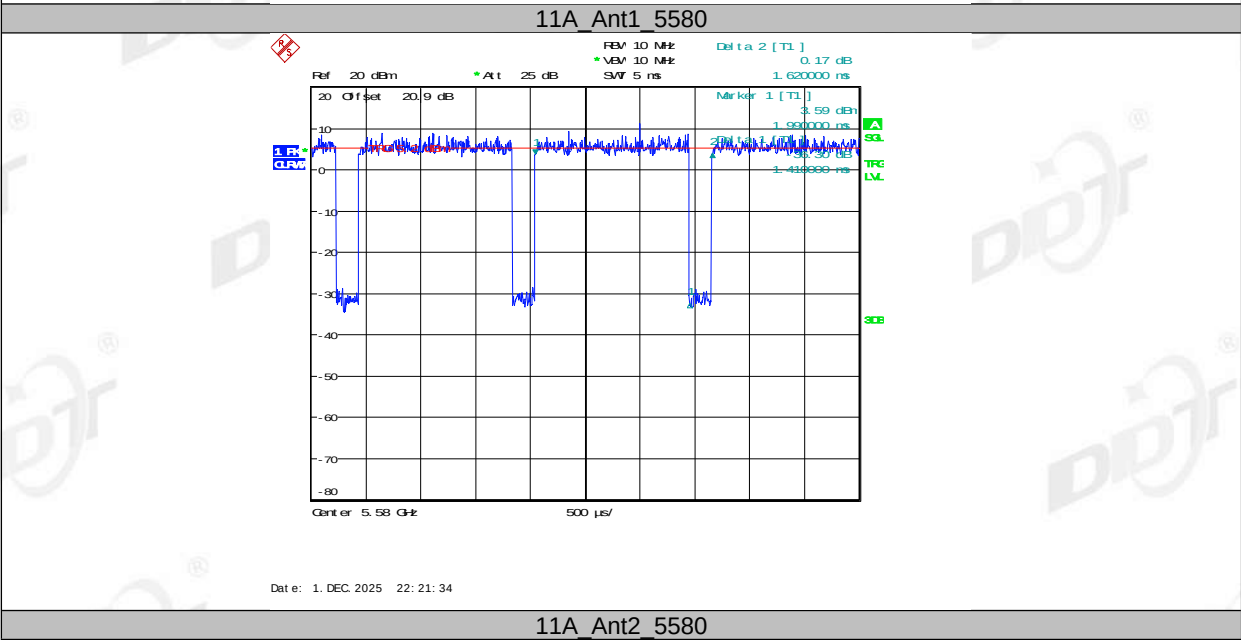
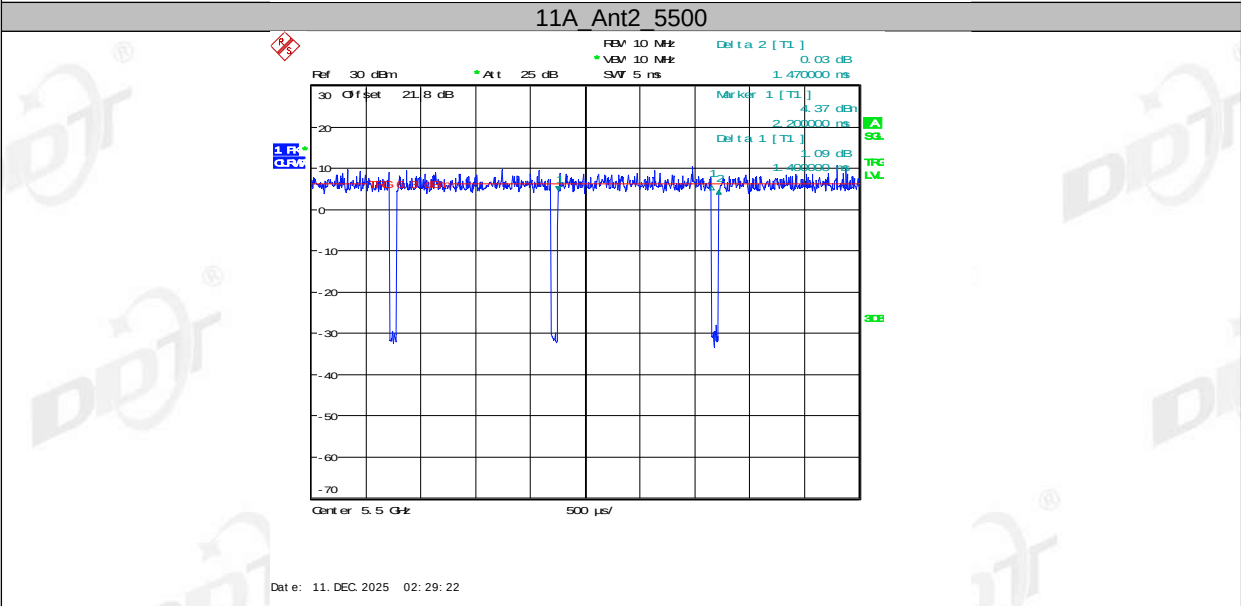
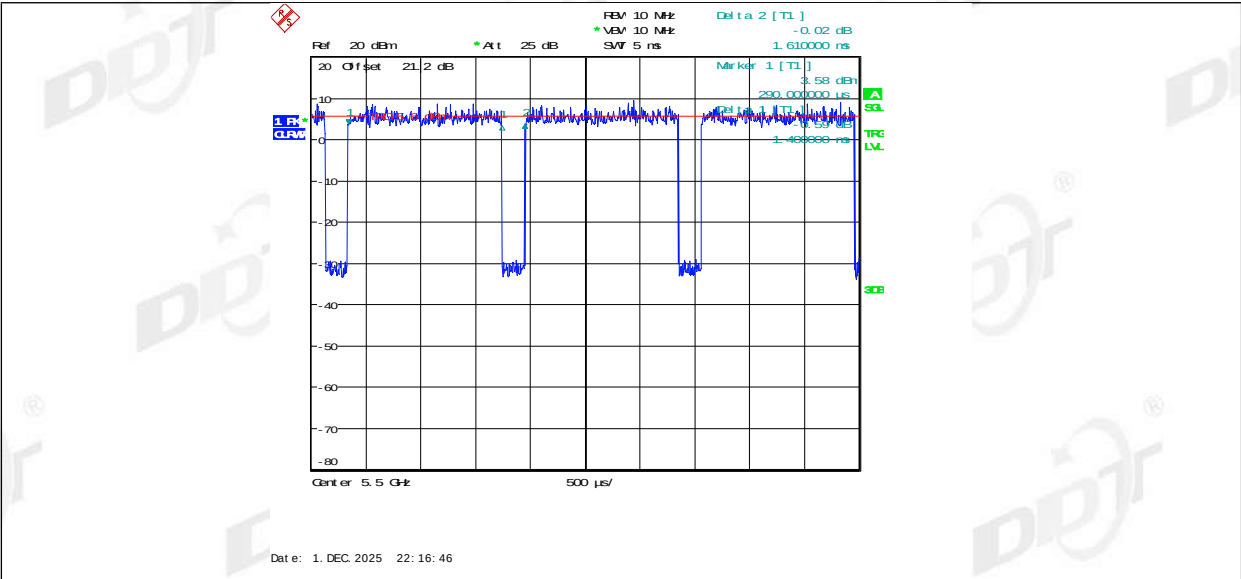
Ref 30 dBm
 * Att 25 dB

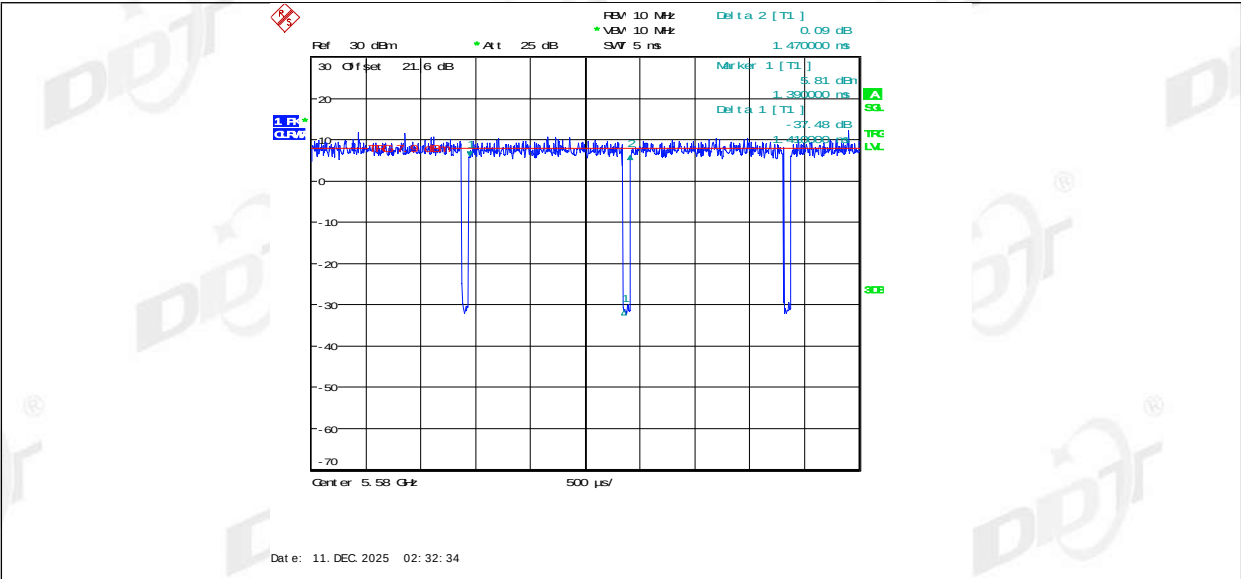
30 Offset 21.6 dB
 -20
 -30
 -40
 -50
 -60
 -70

L.P. CLAW
 Center: 5.32 GHz
 500 uV

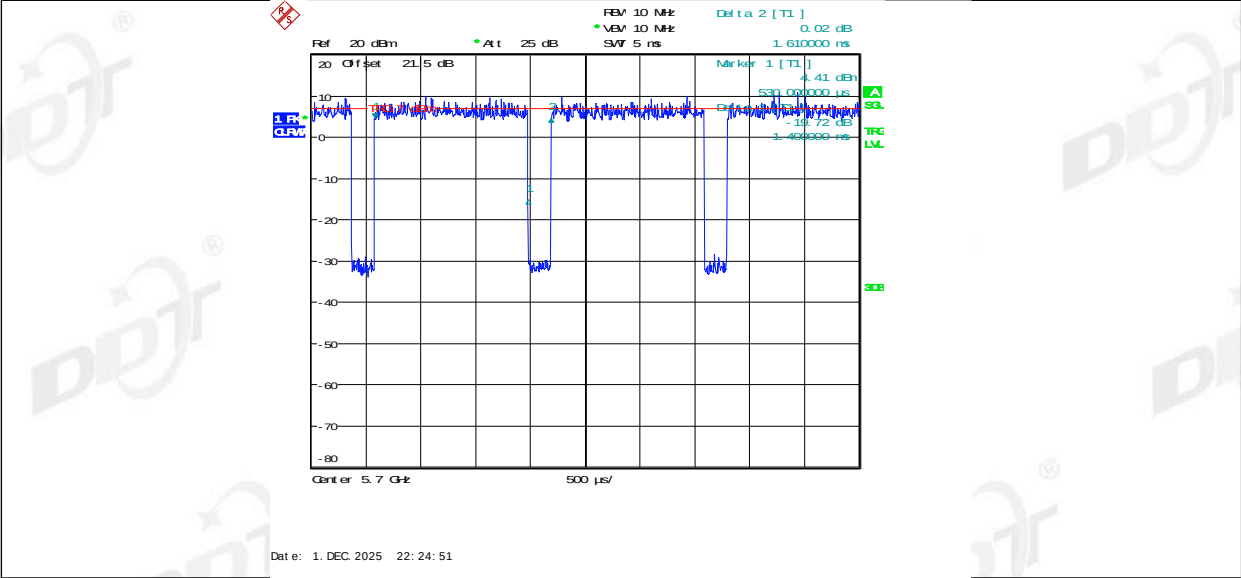
Date: 11. DEC. 2025 02:17:50

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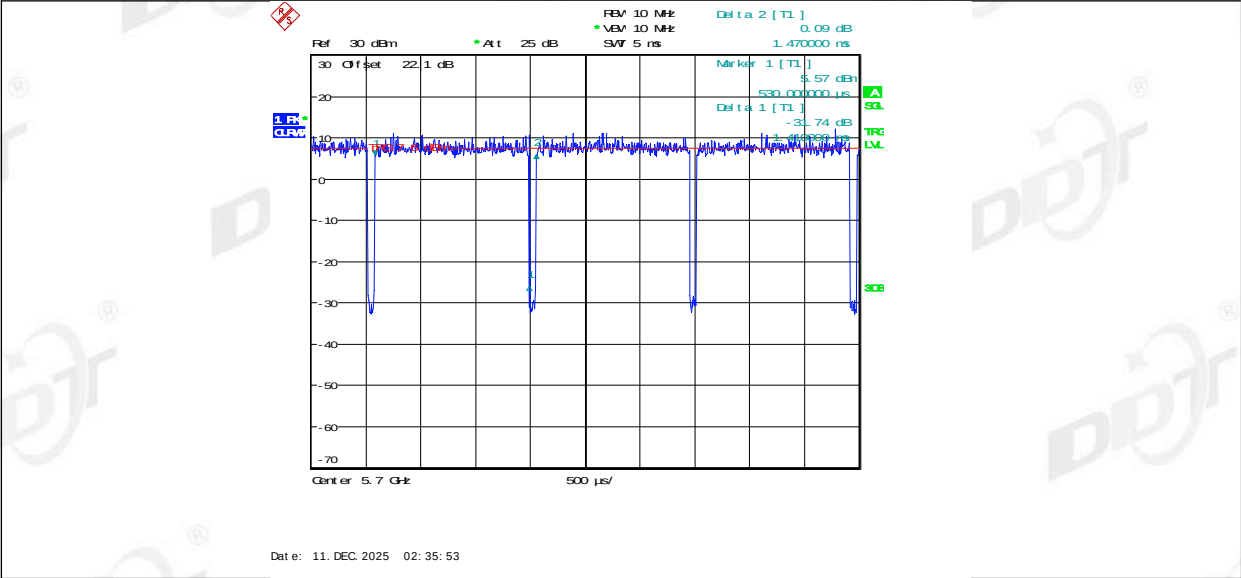




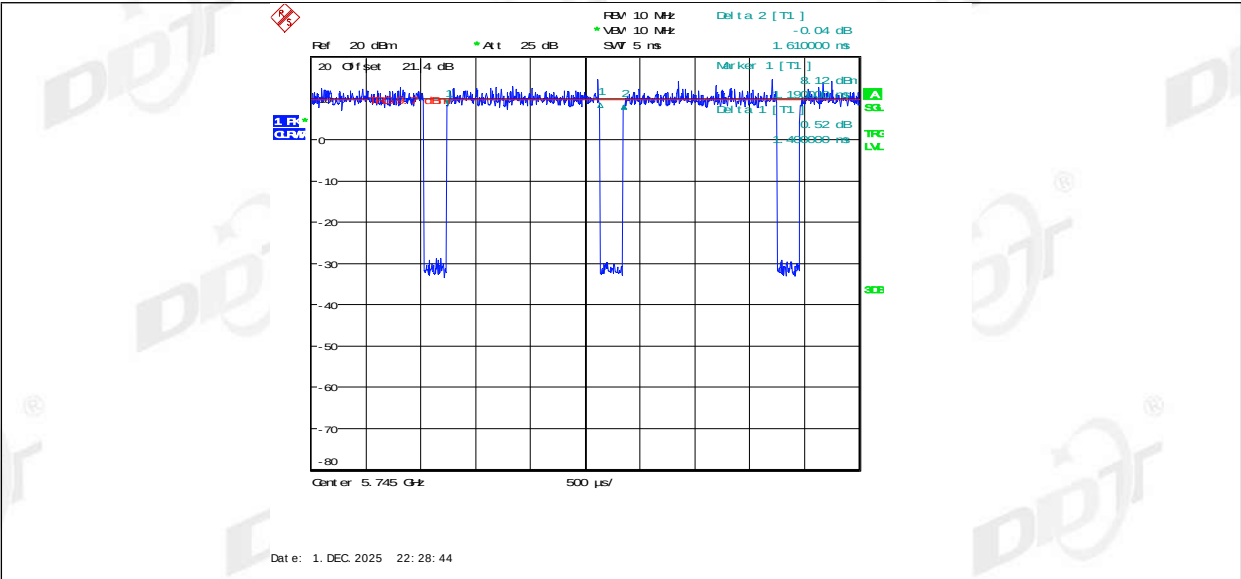
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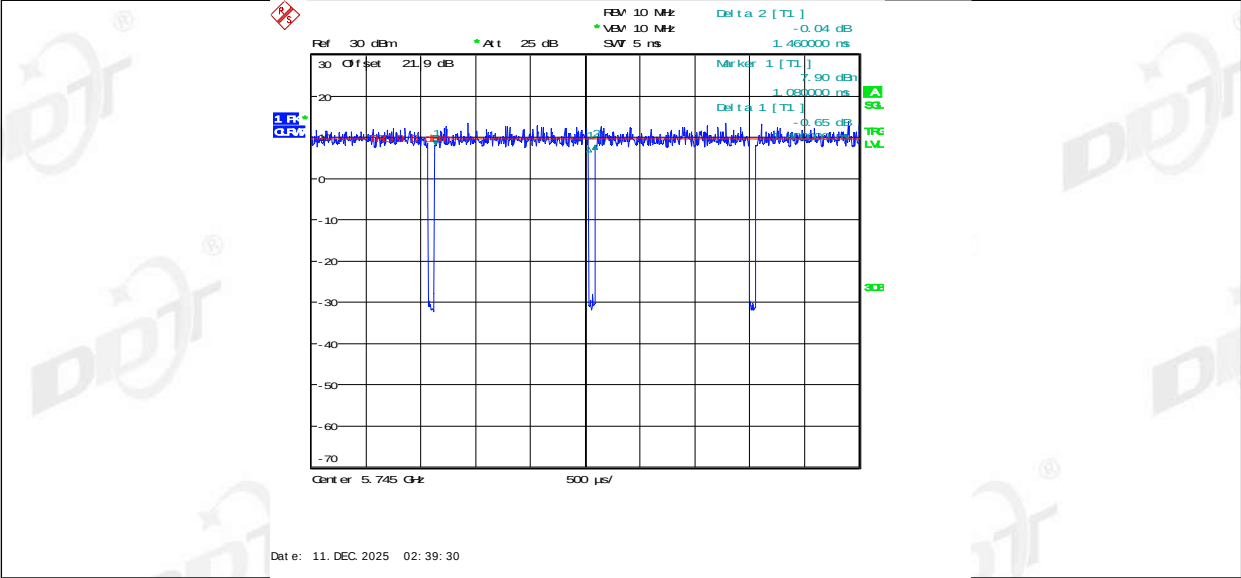
11A_Ant2_5700



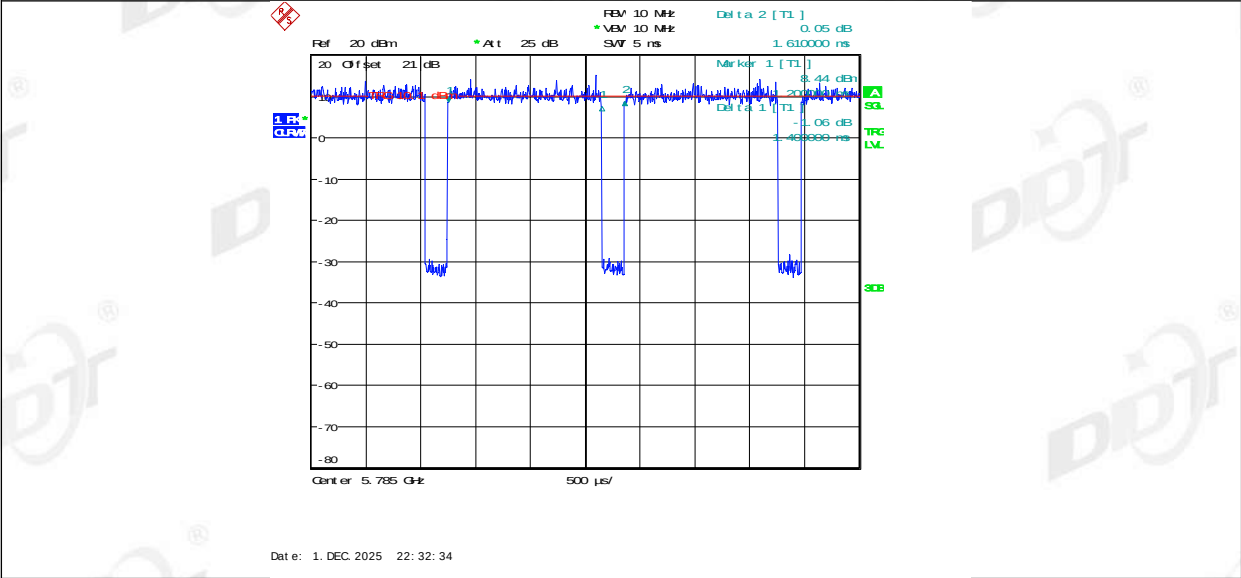
11A_Ant1_5745



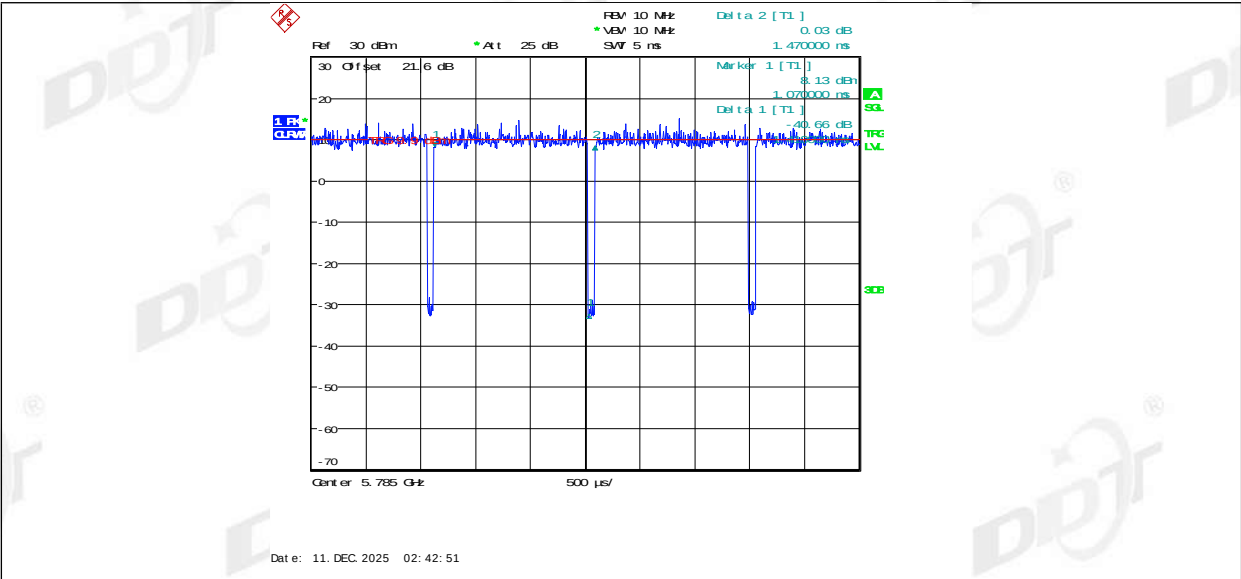
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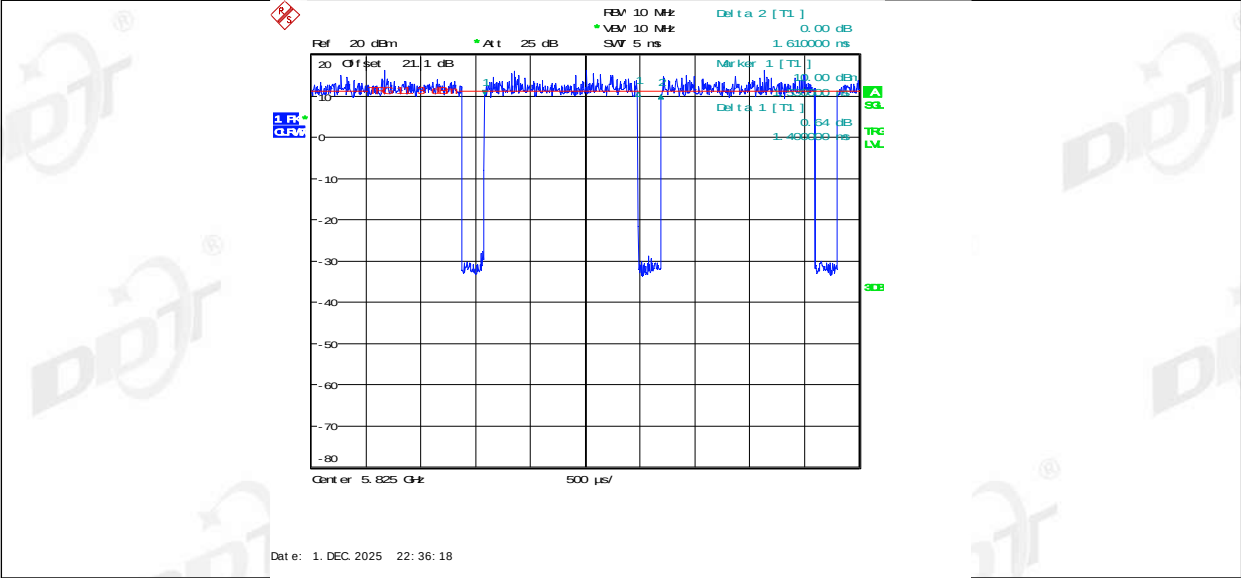
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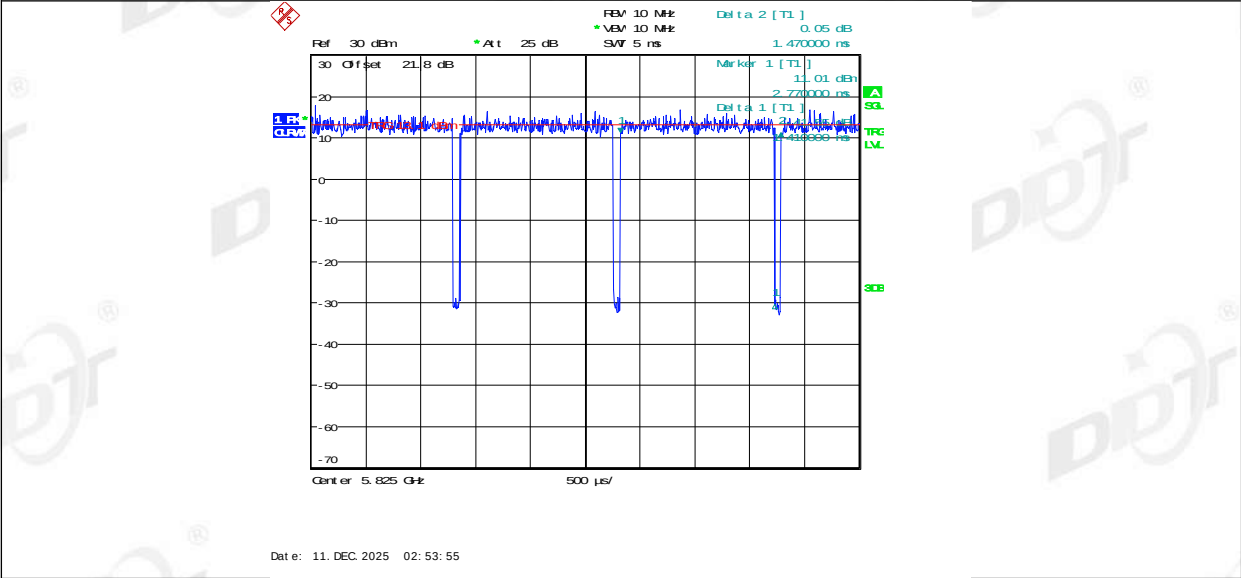
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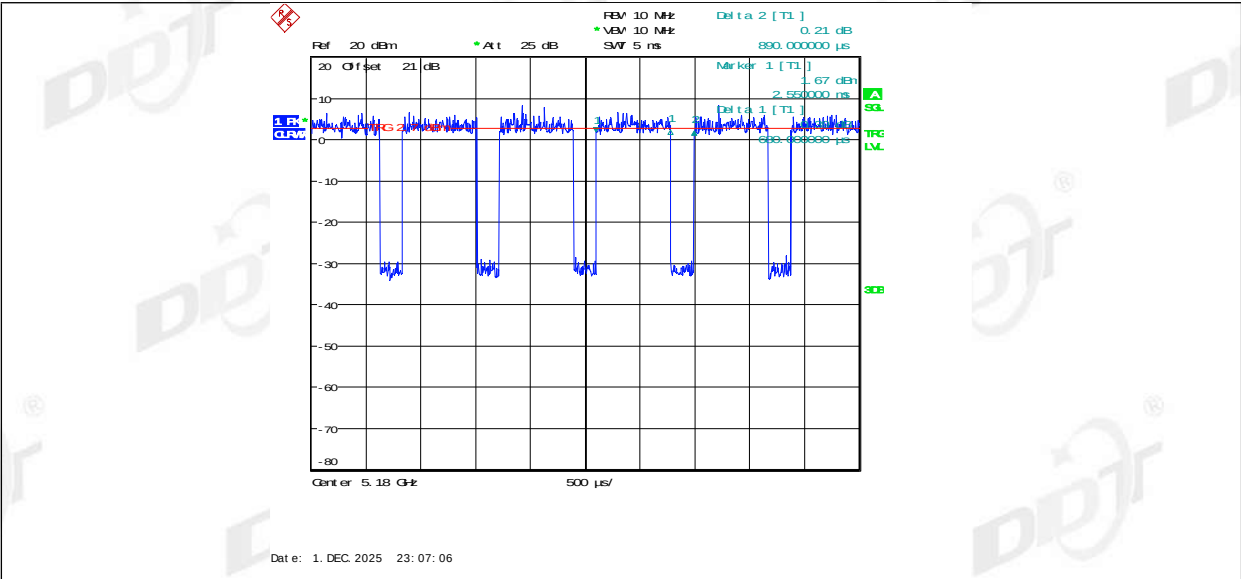
11A_Ant1_5825



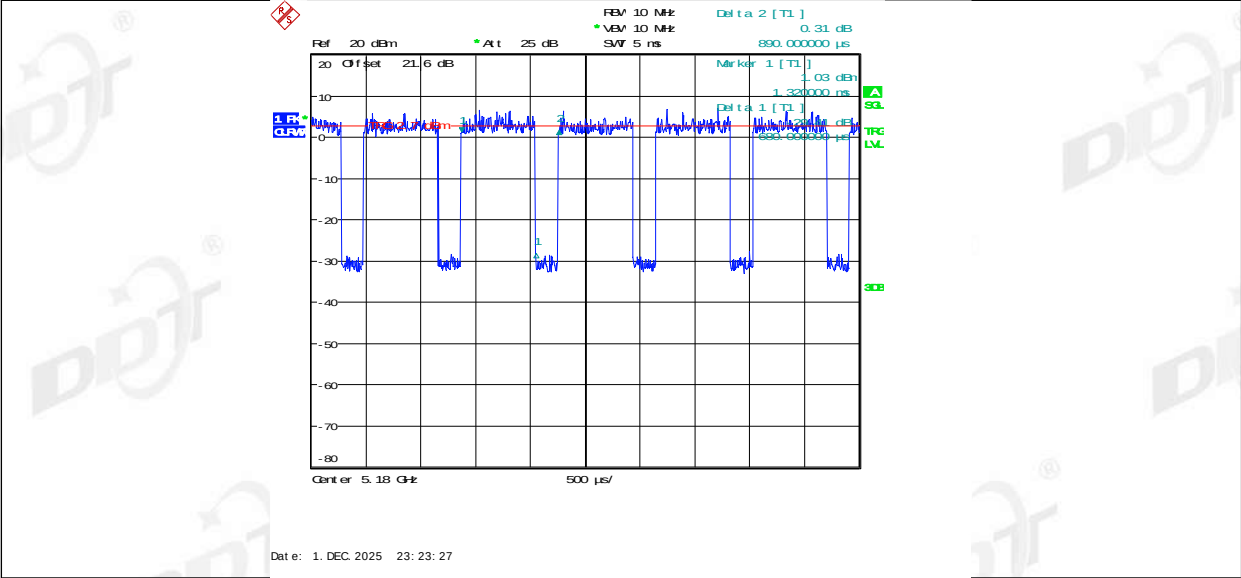
11A_Ant2_5825



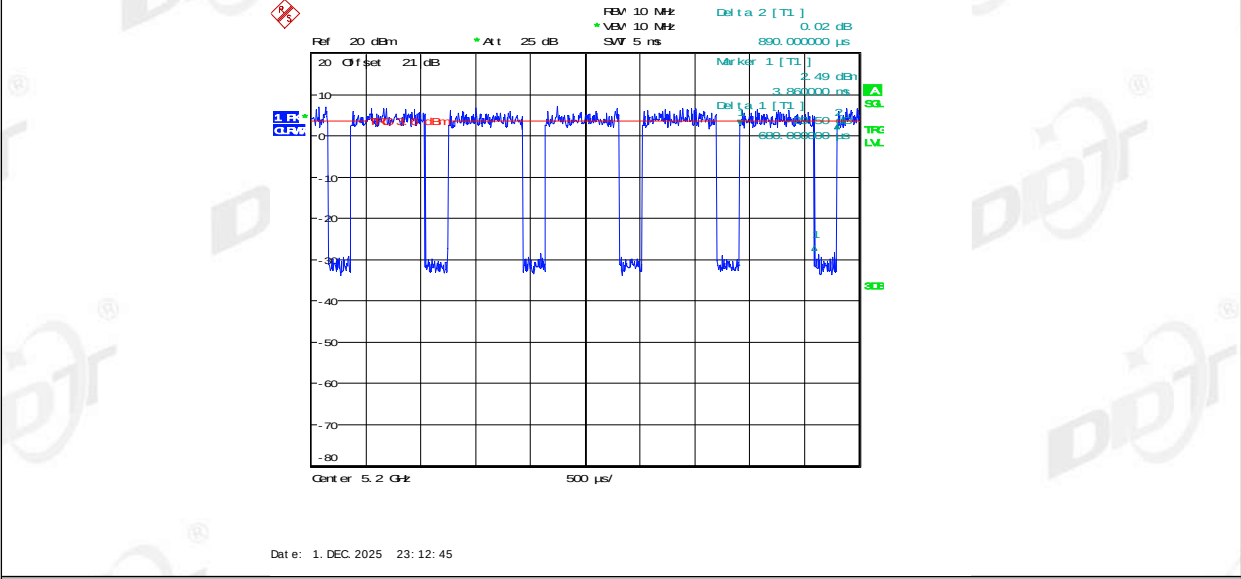
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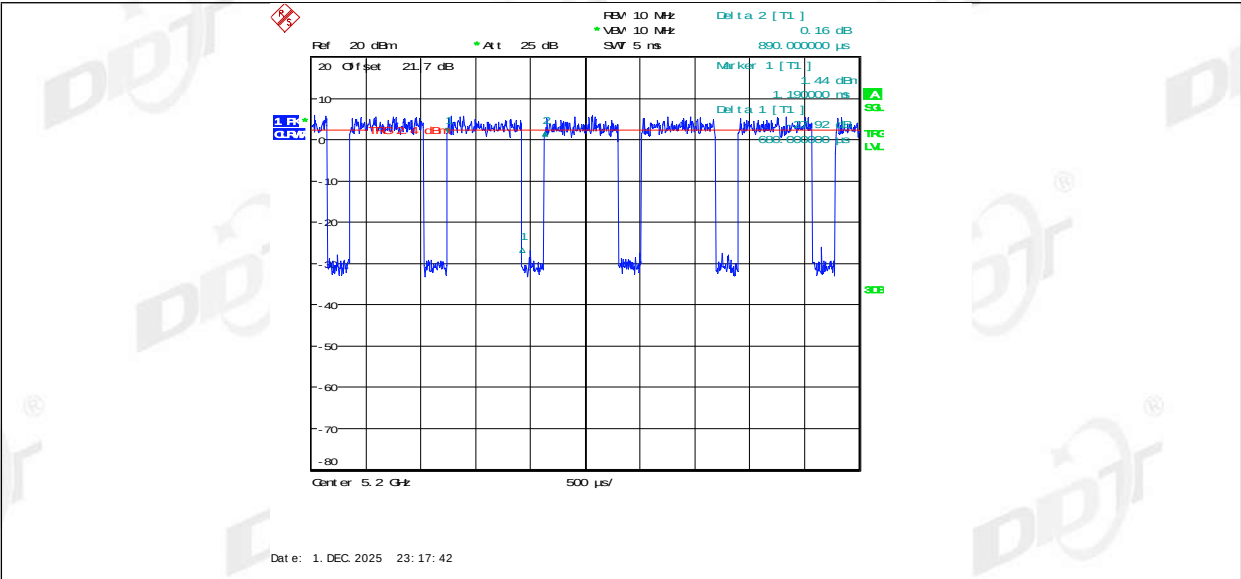
11N20MIMO_Ant2_5180



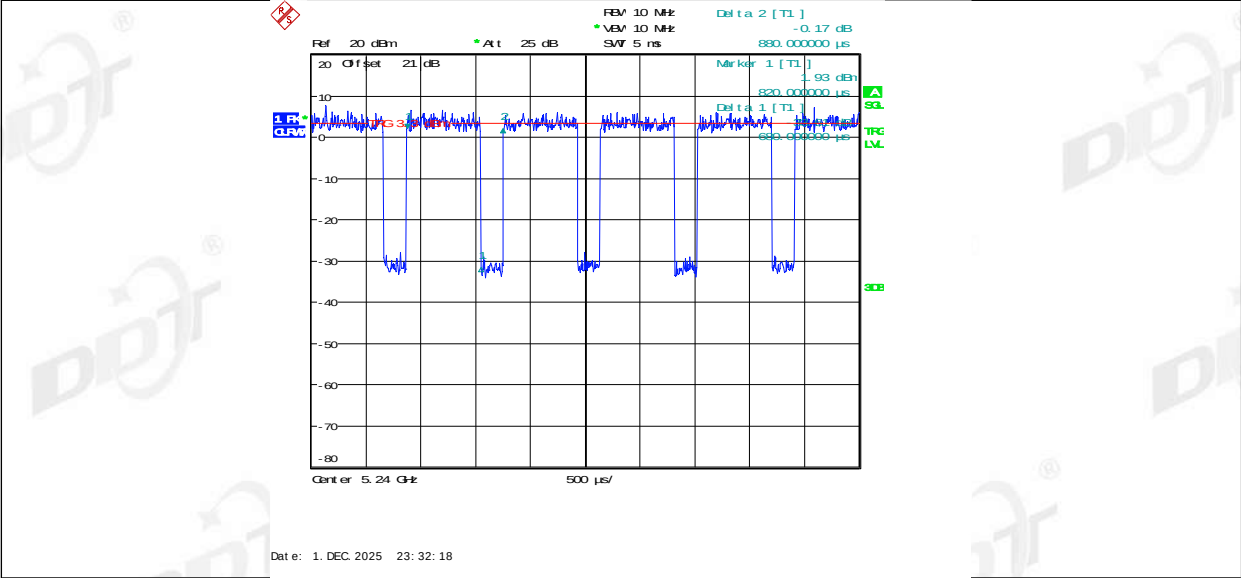
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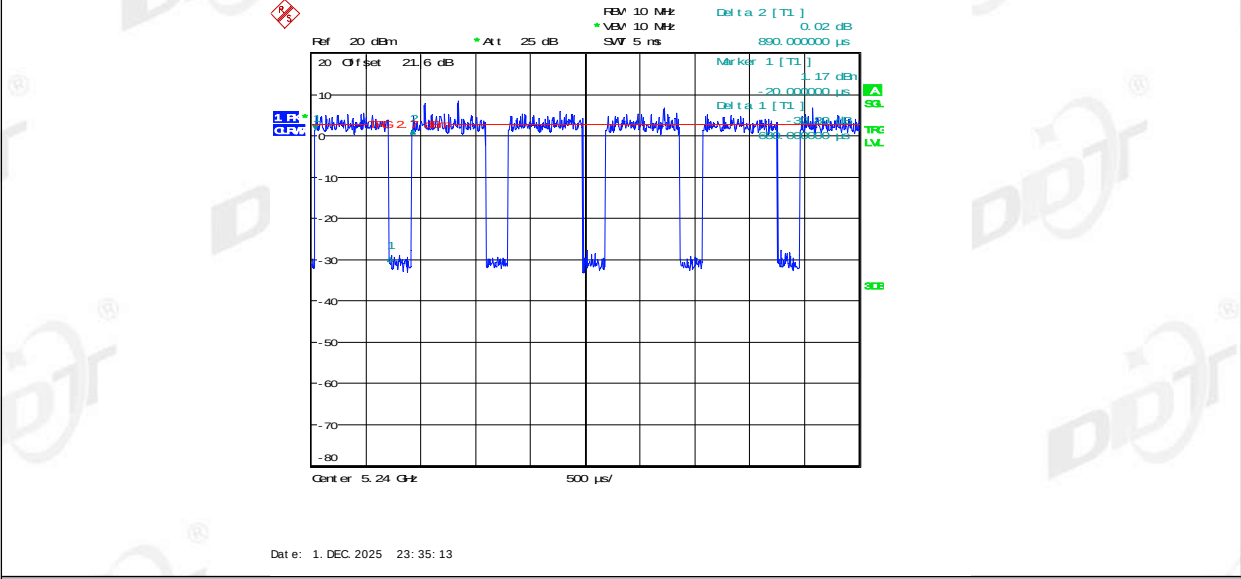
11N20MIMO_Ant2_5200



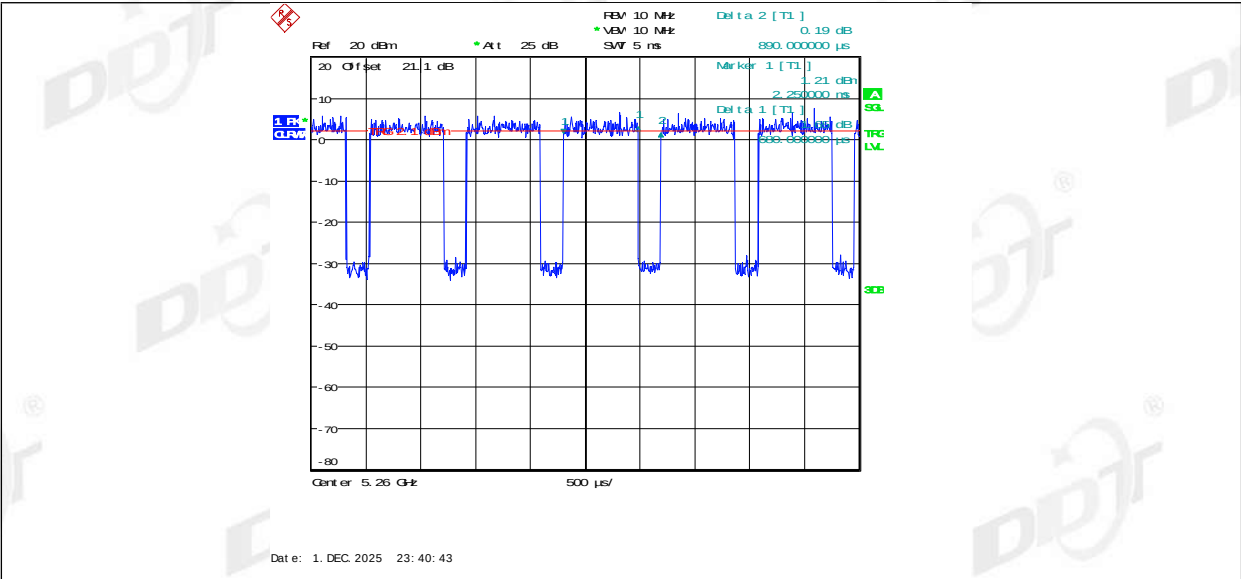
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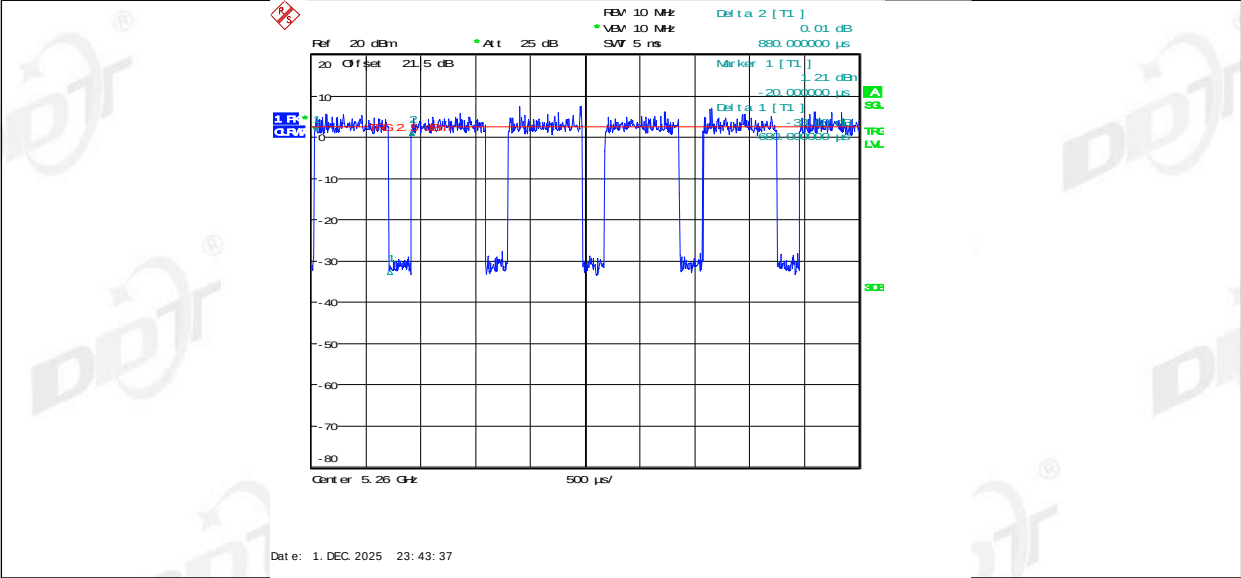
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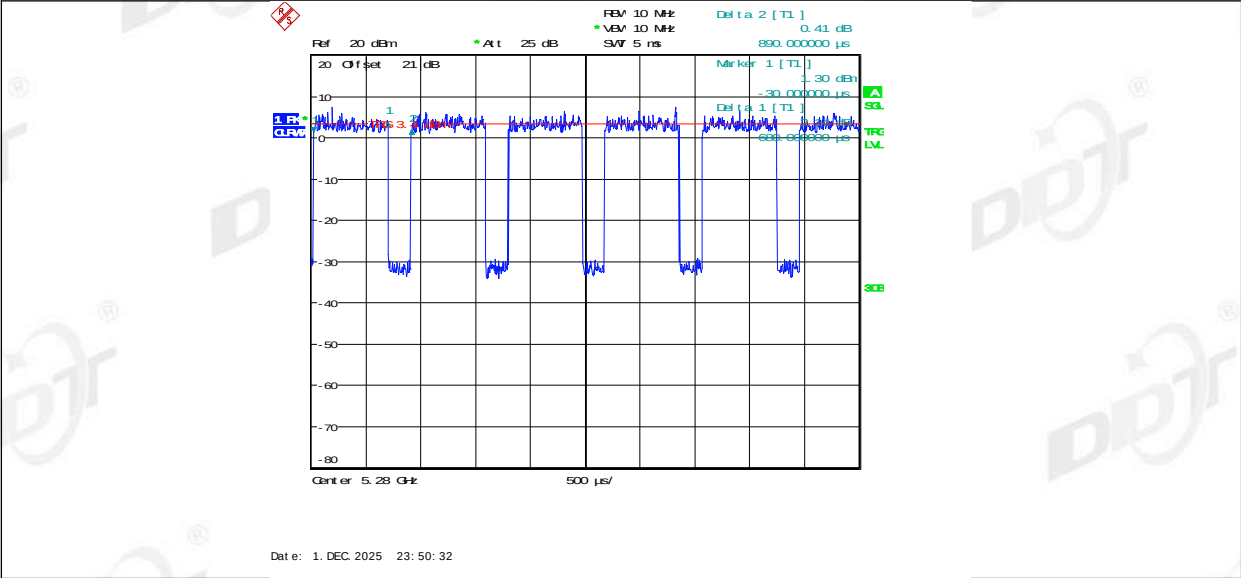
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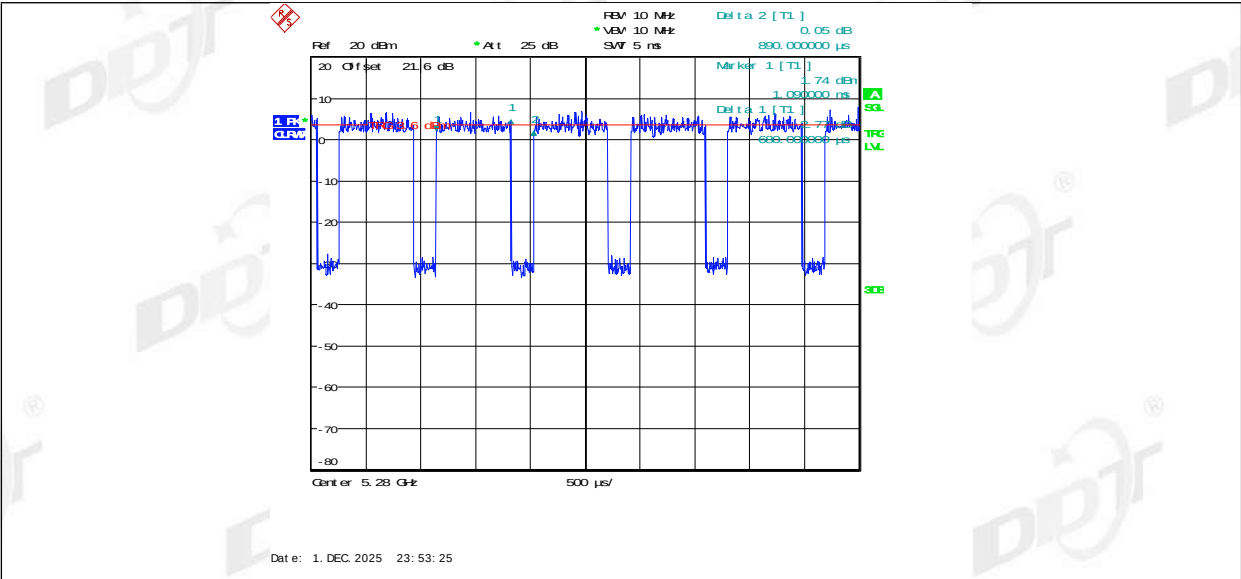
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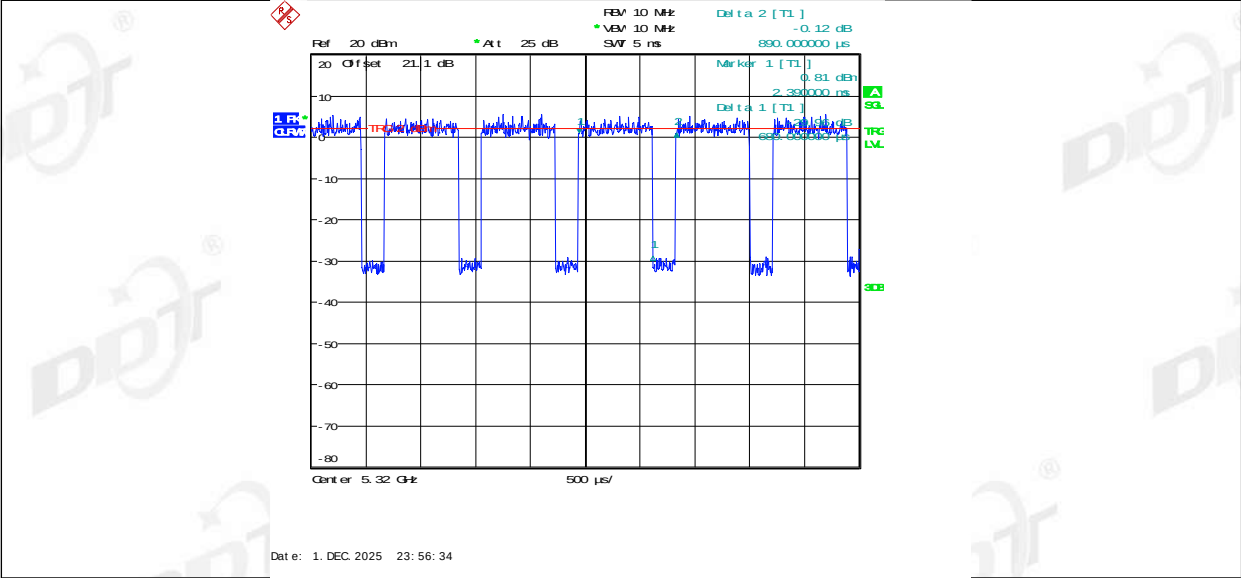
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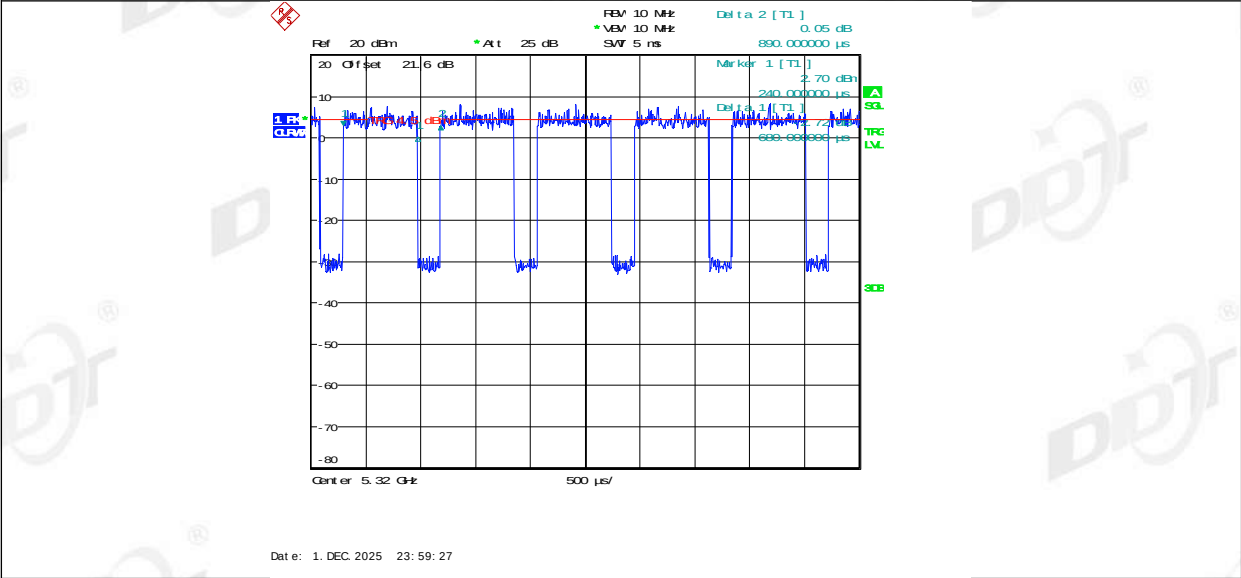
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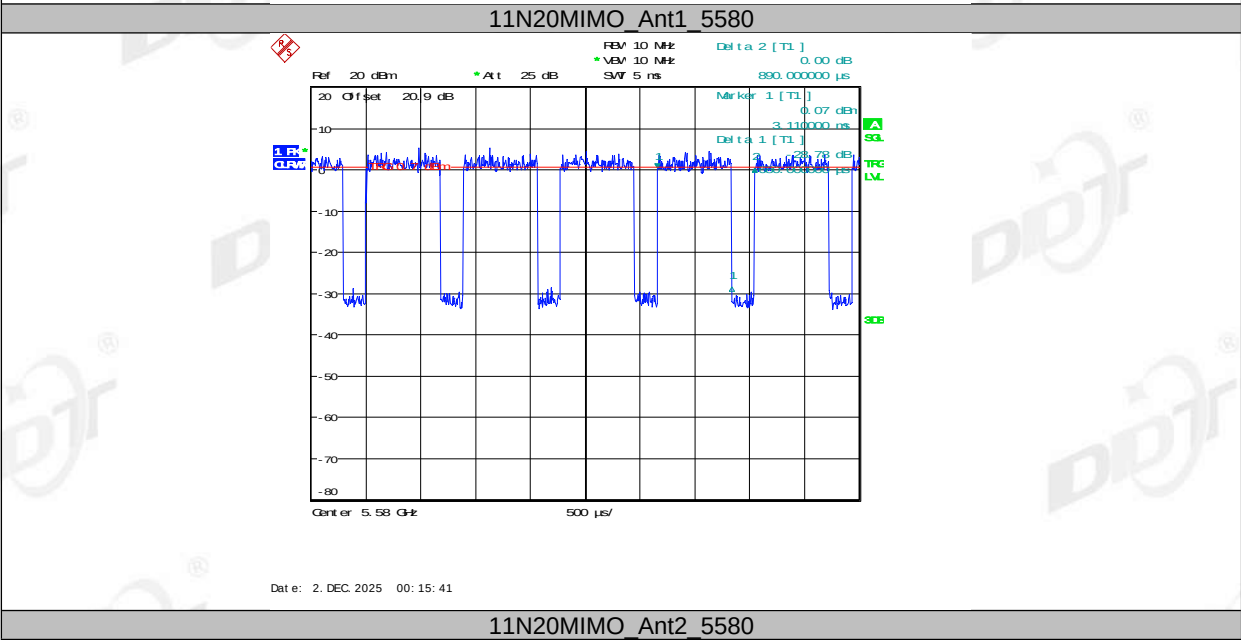
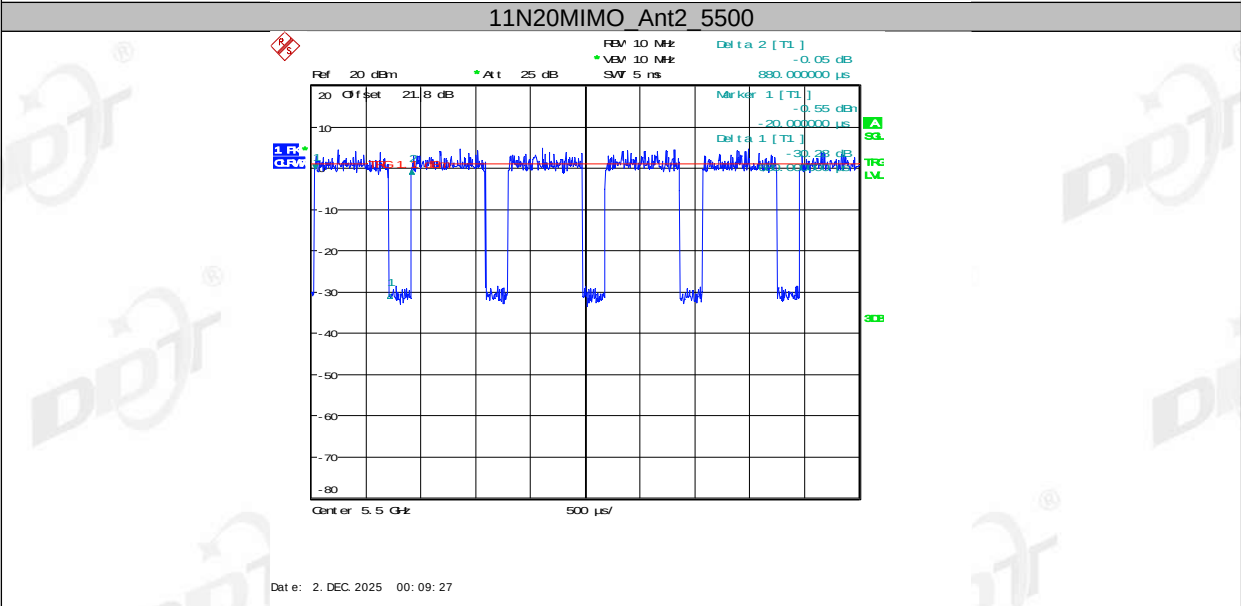
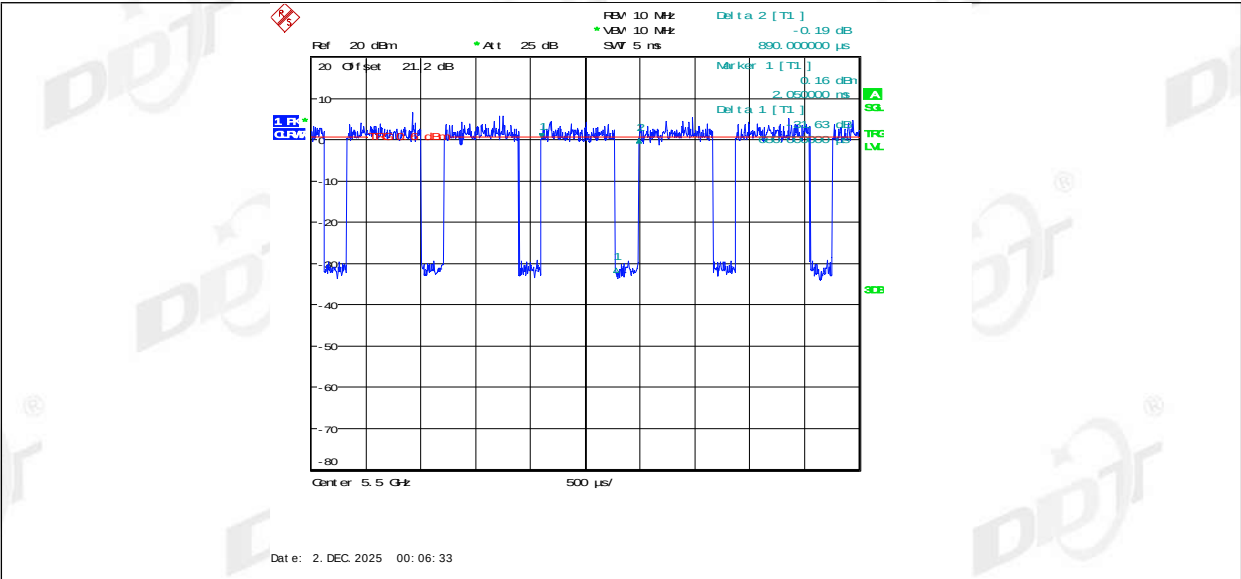
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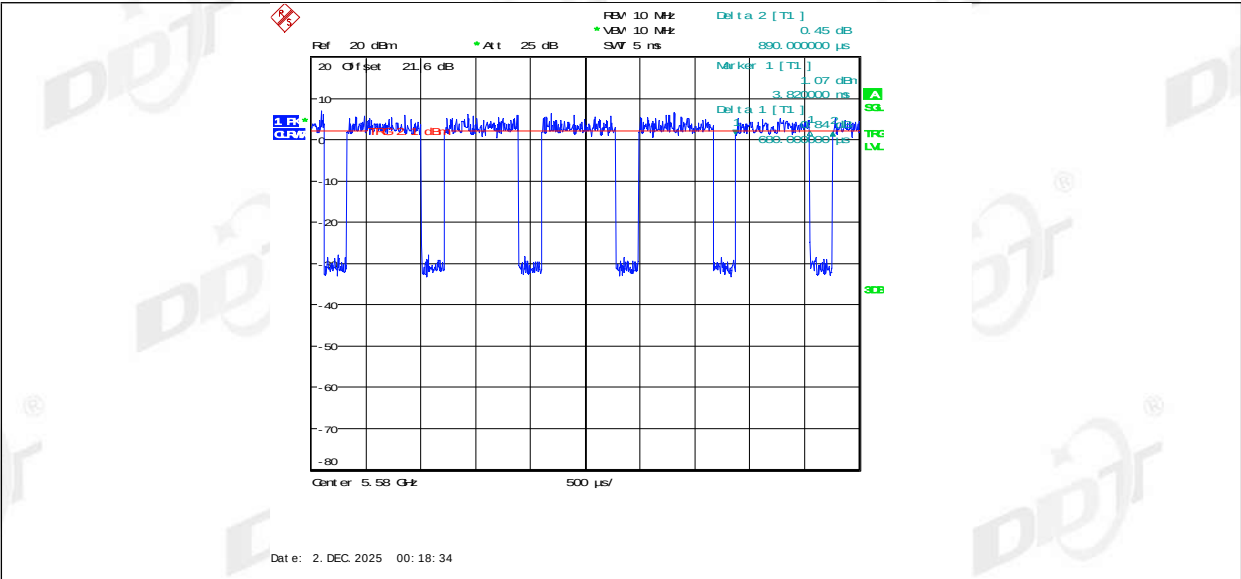


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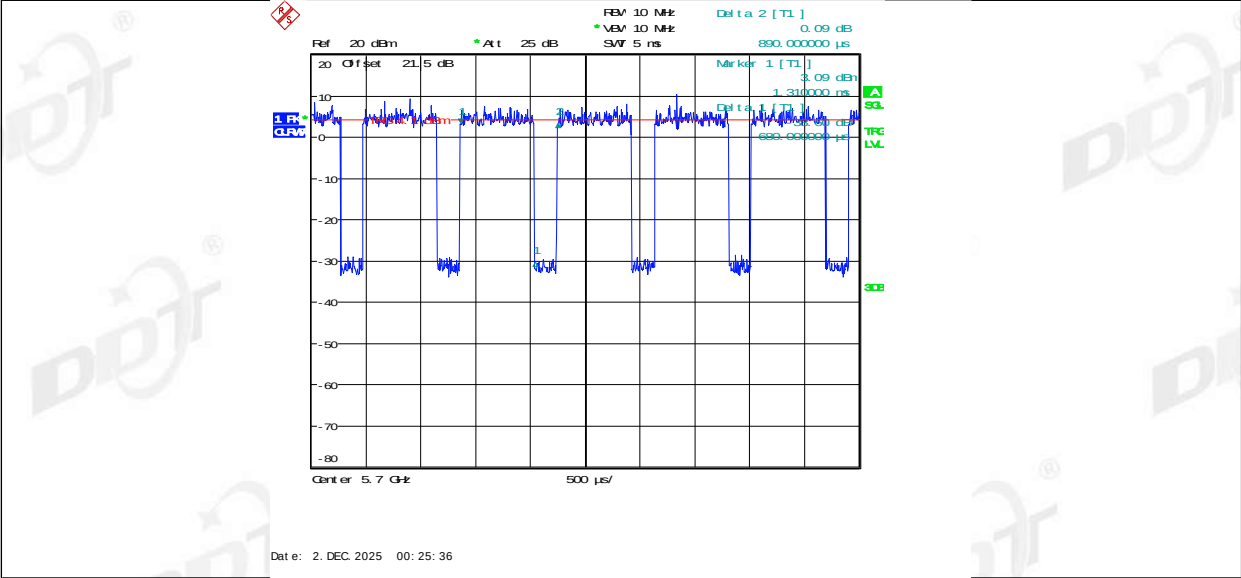


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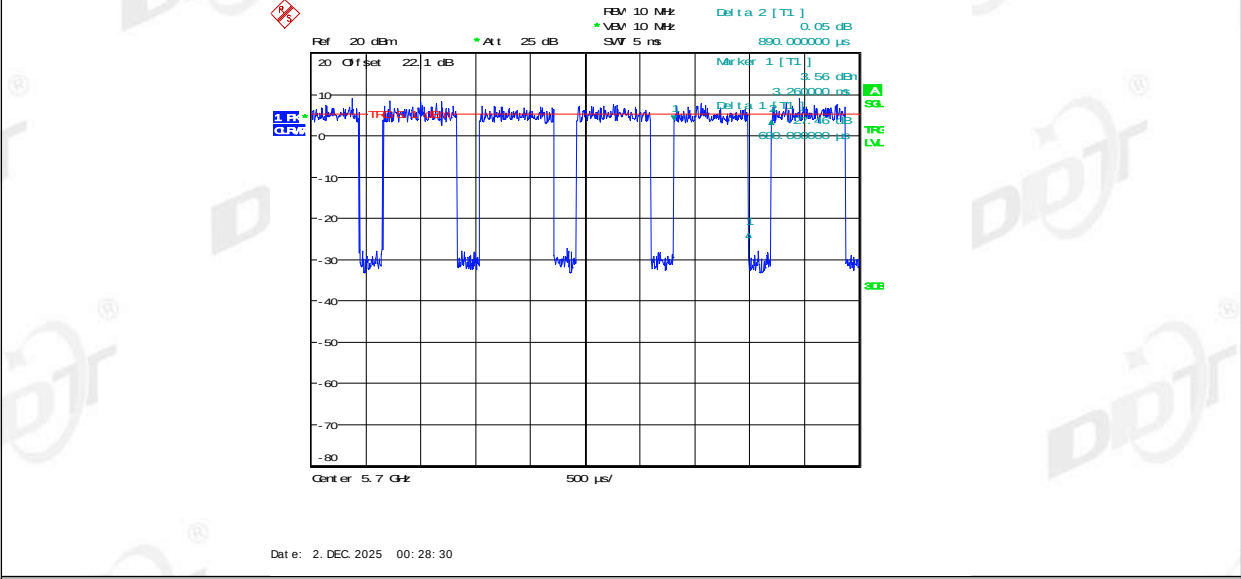




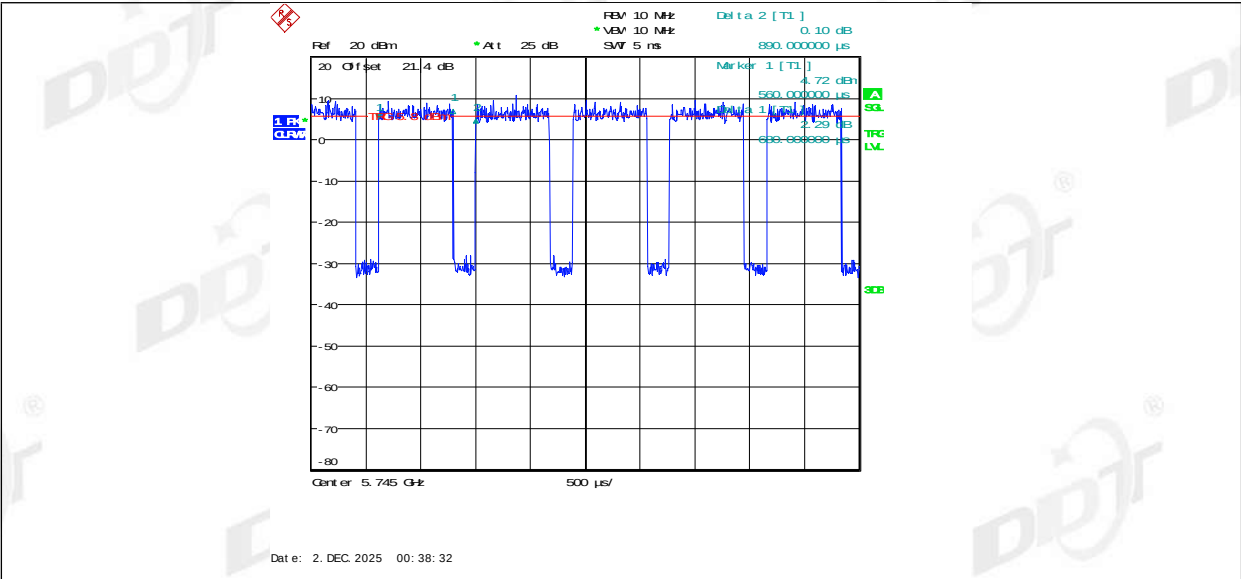
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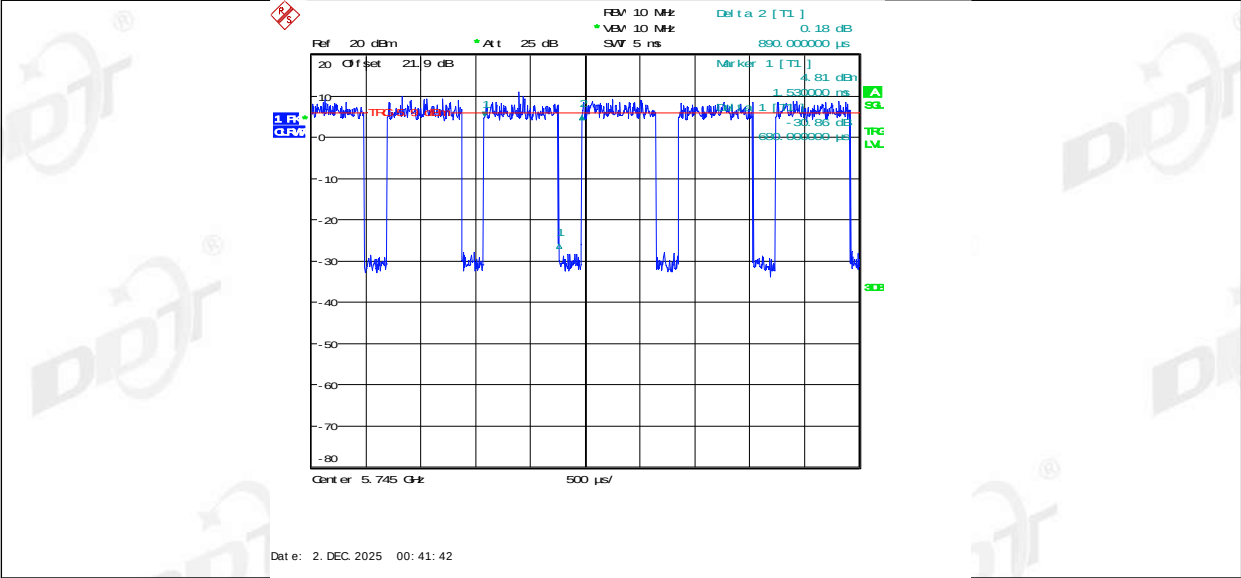
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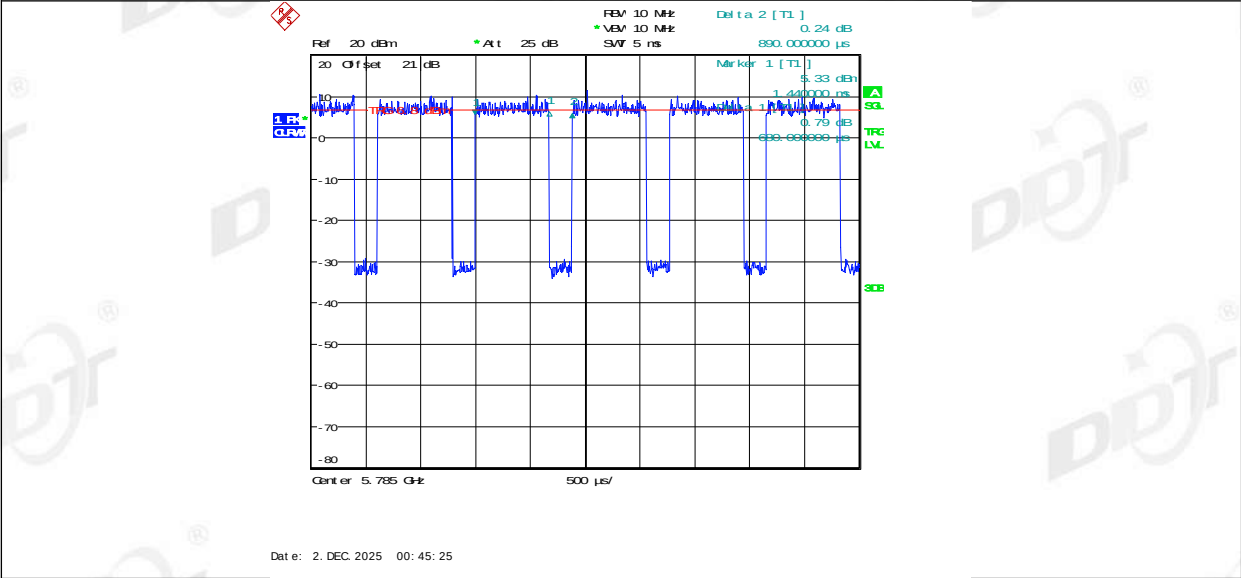
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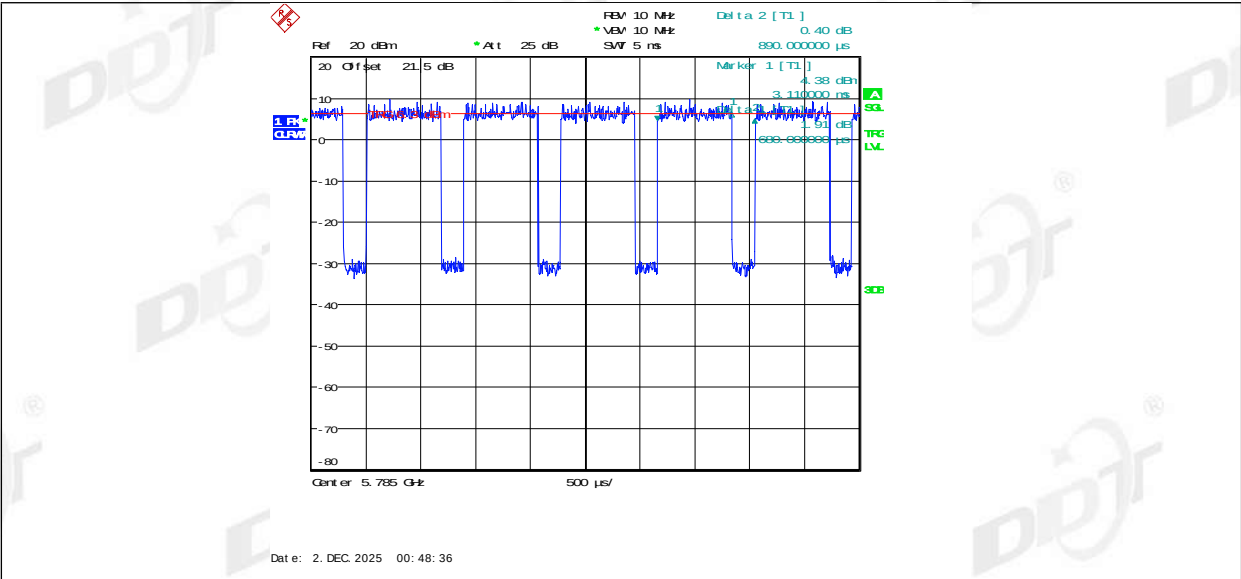
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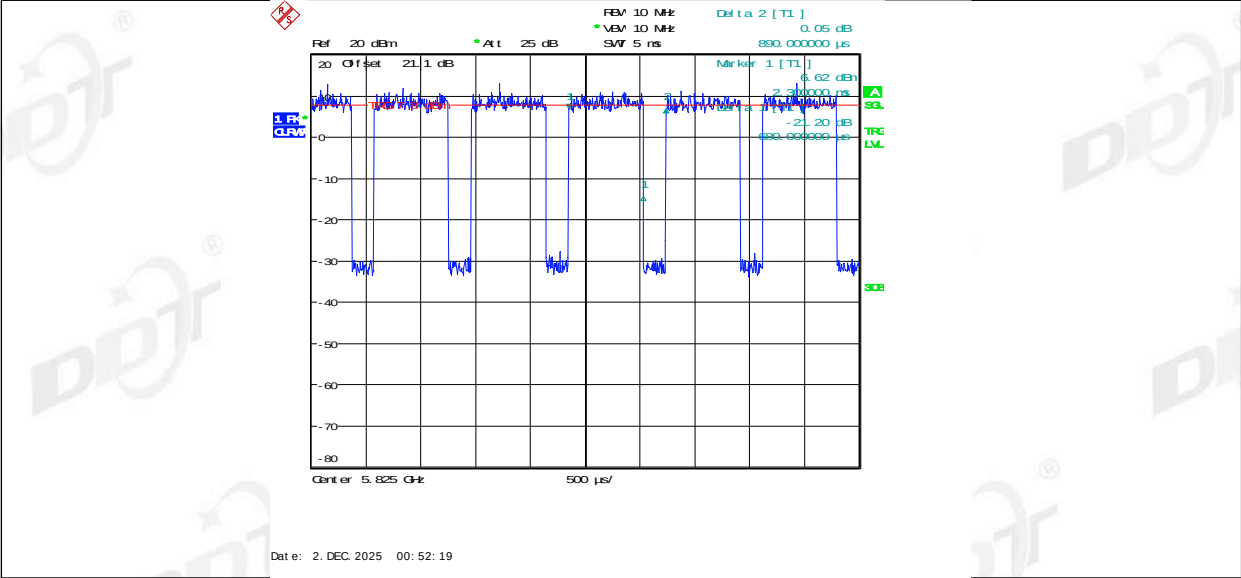
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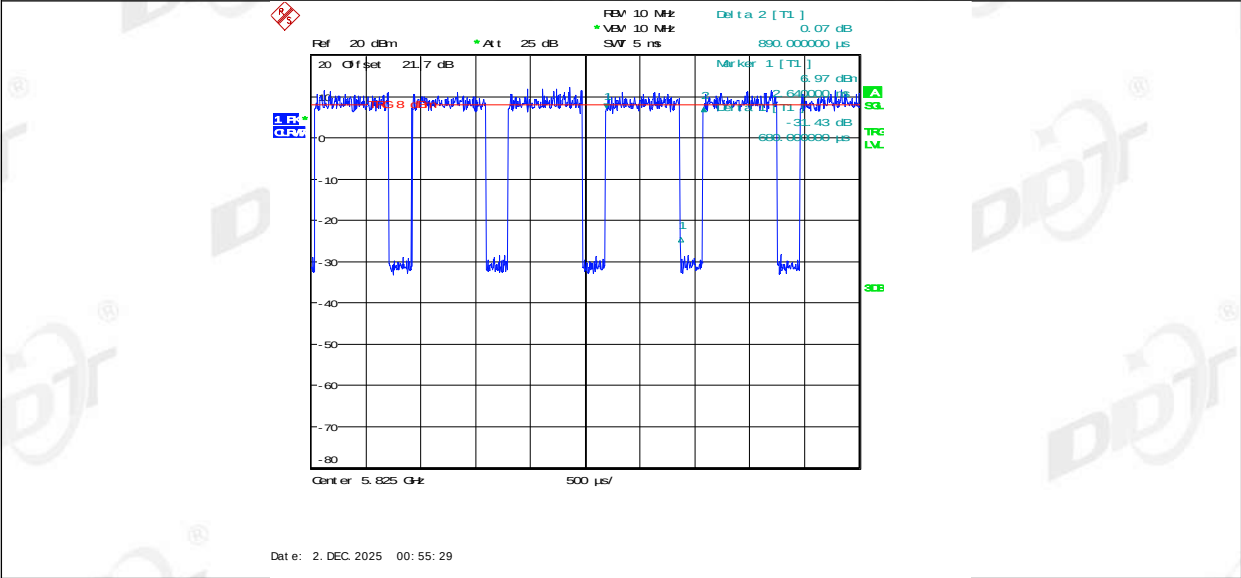
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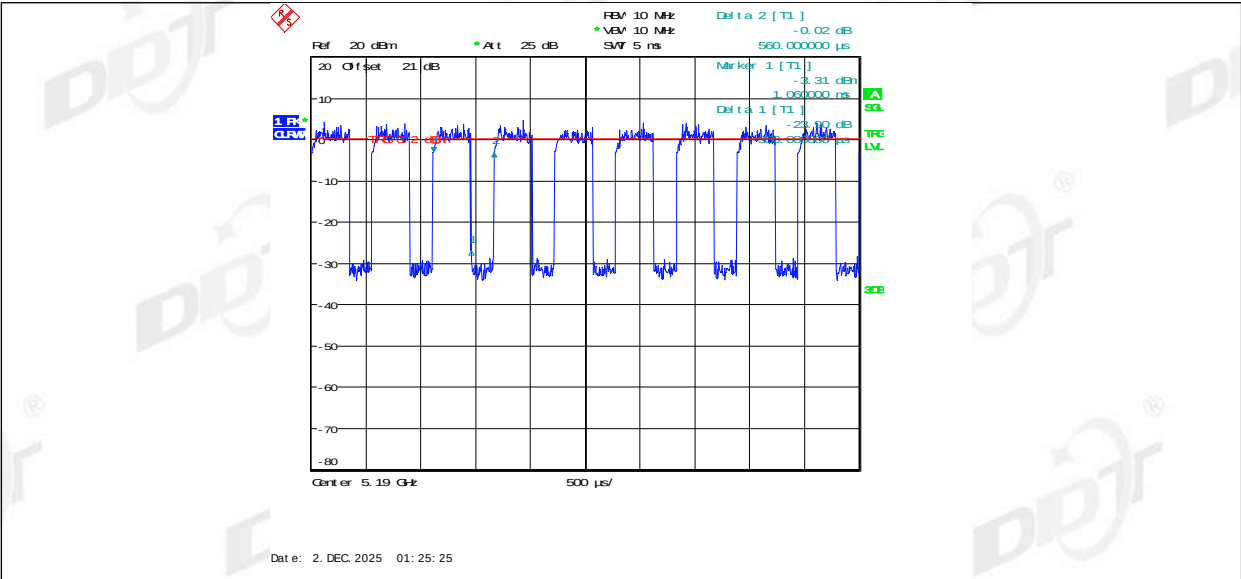
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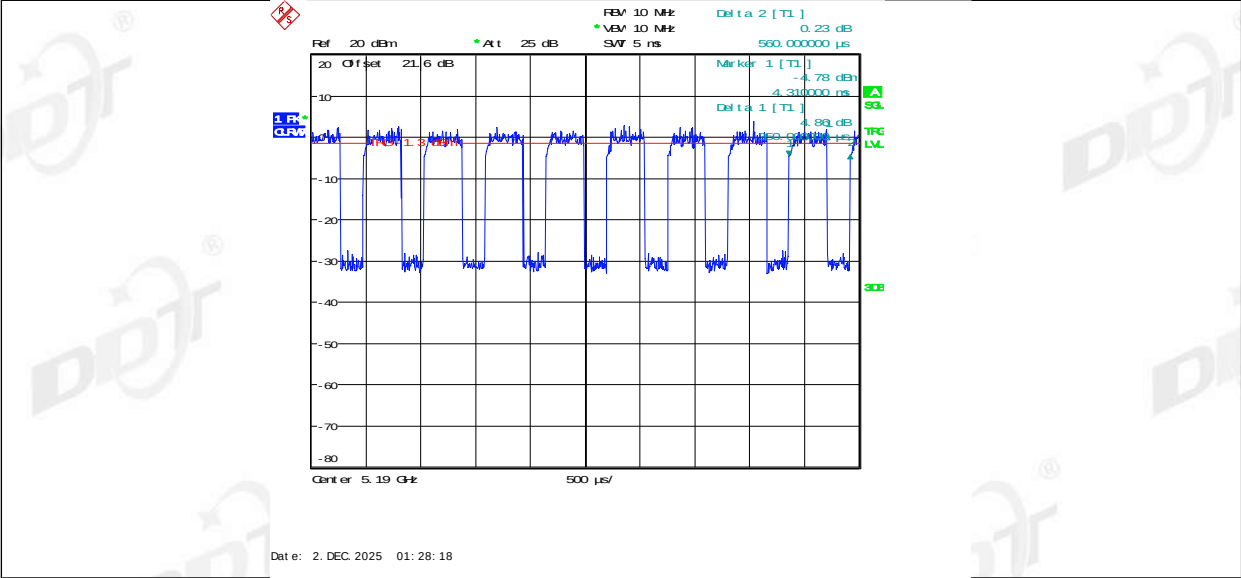
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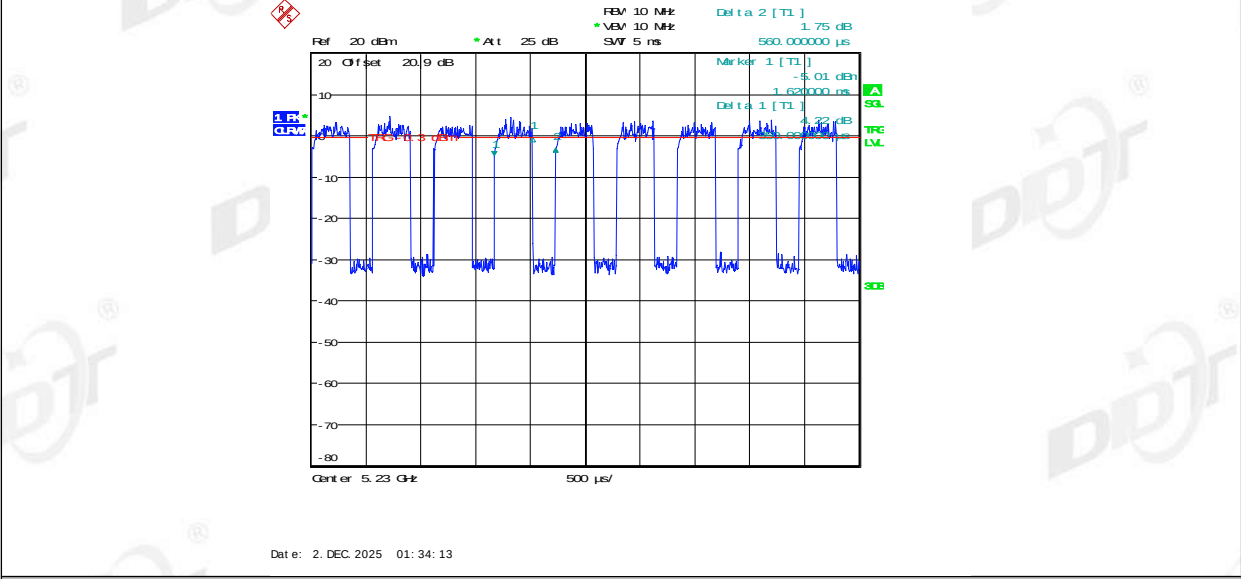
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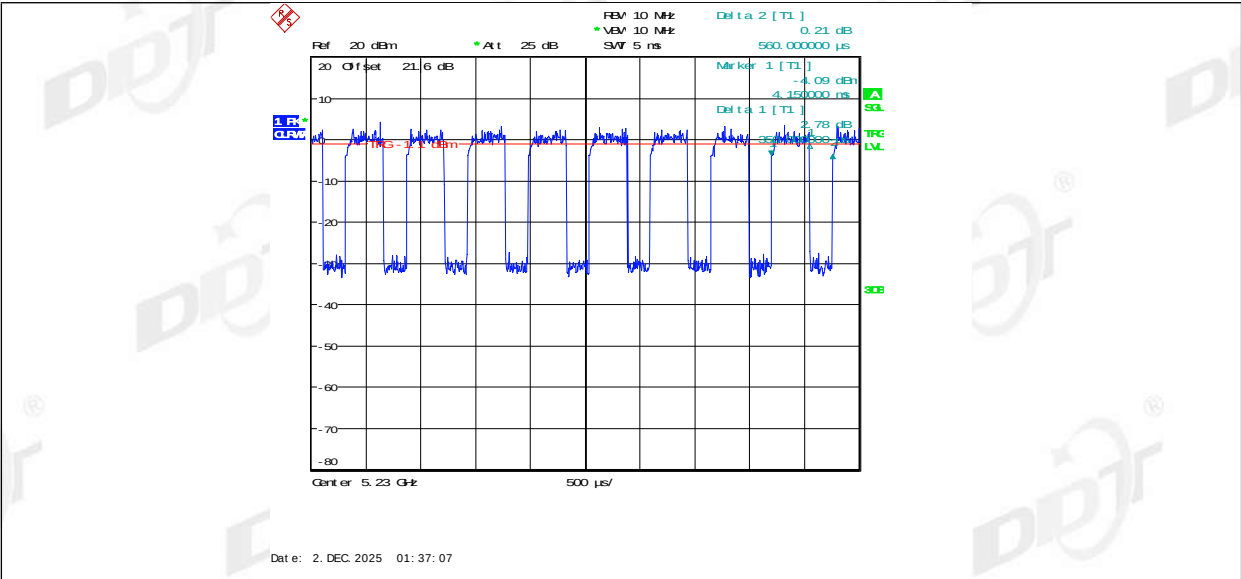
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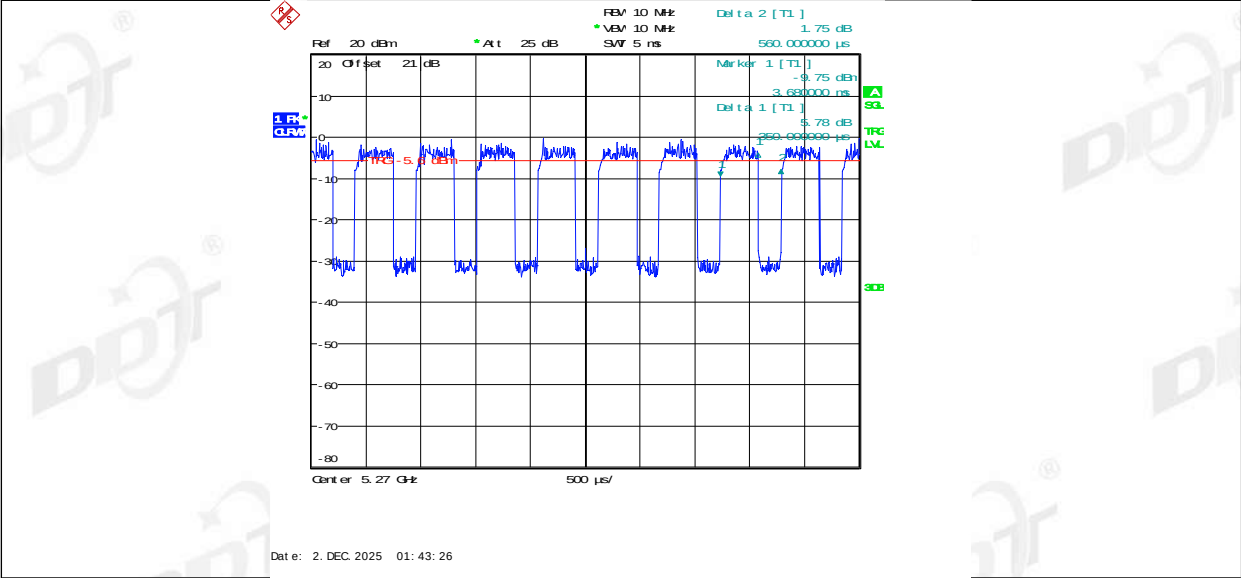
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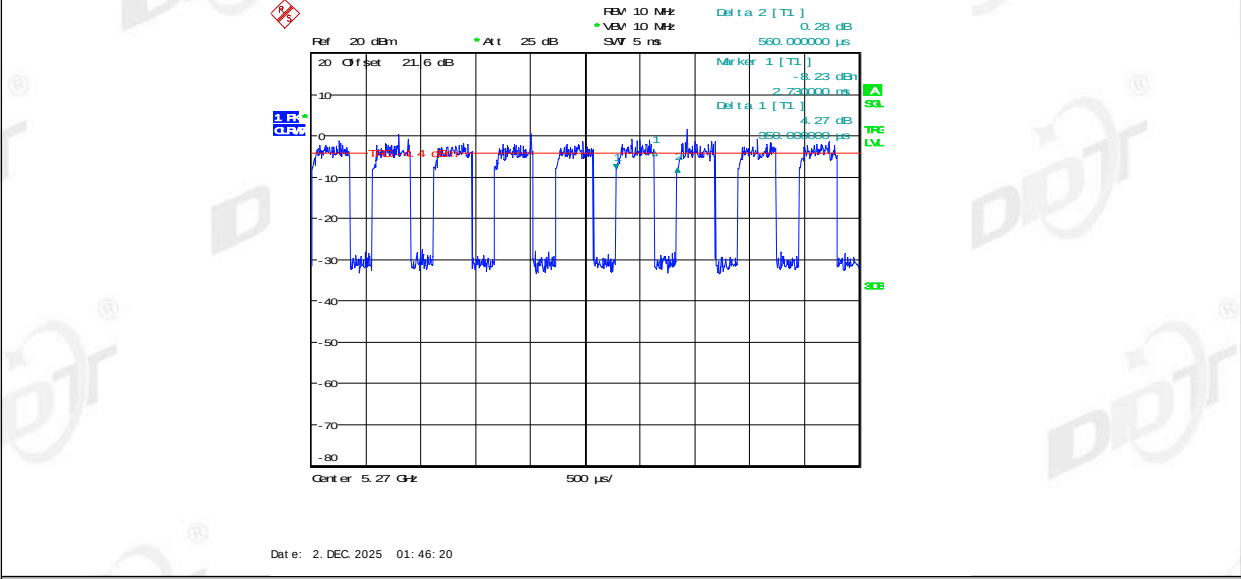
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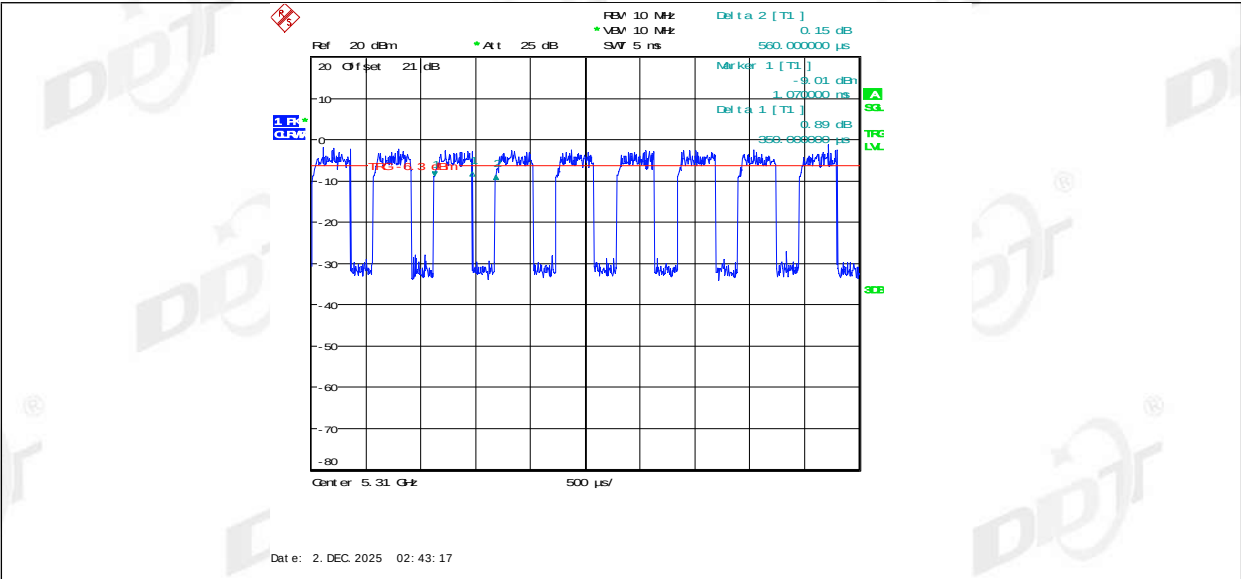
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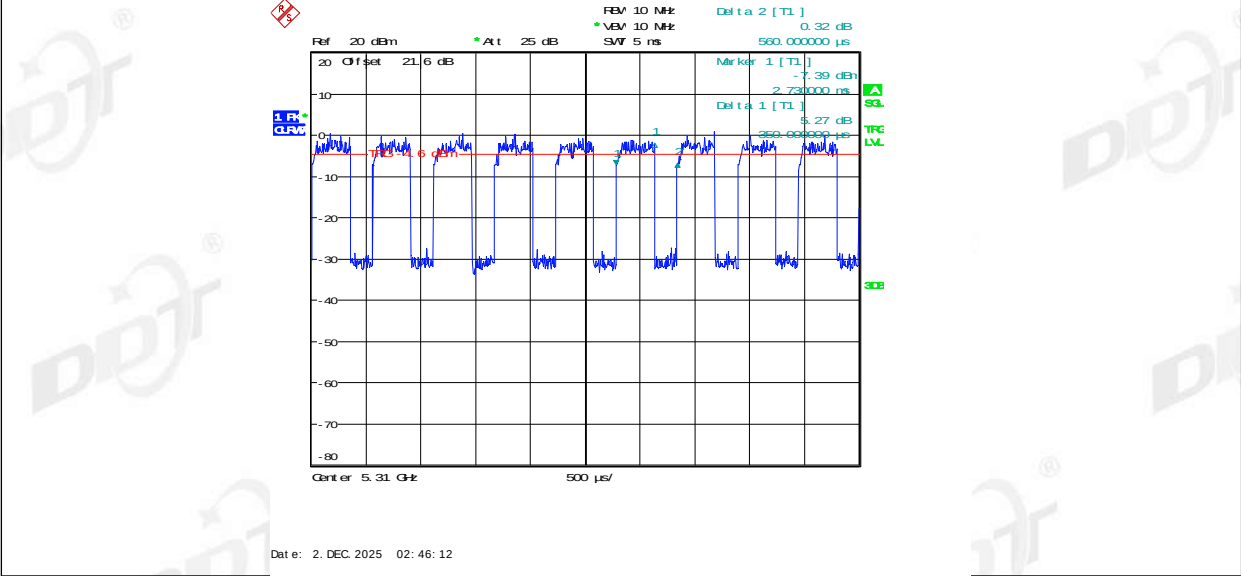
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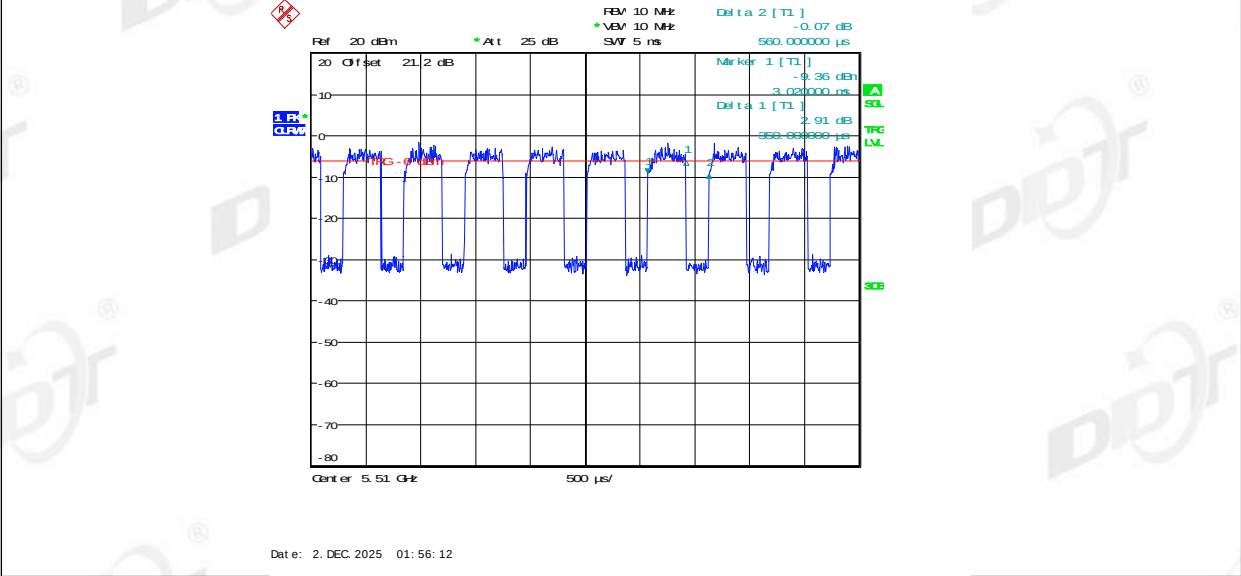
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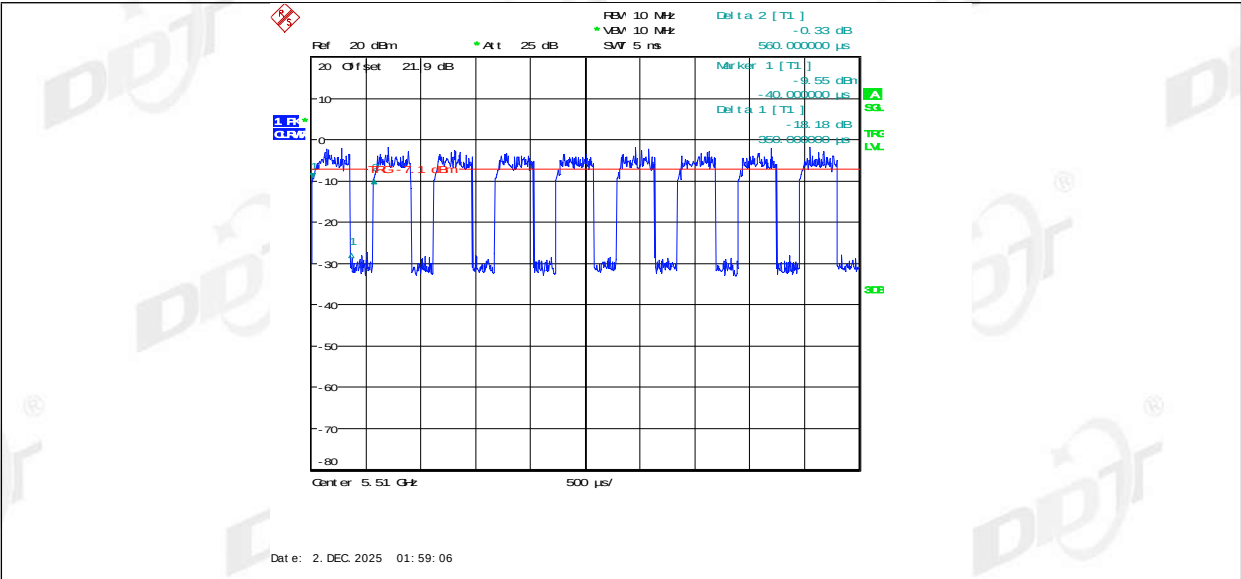
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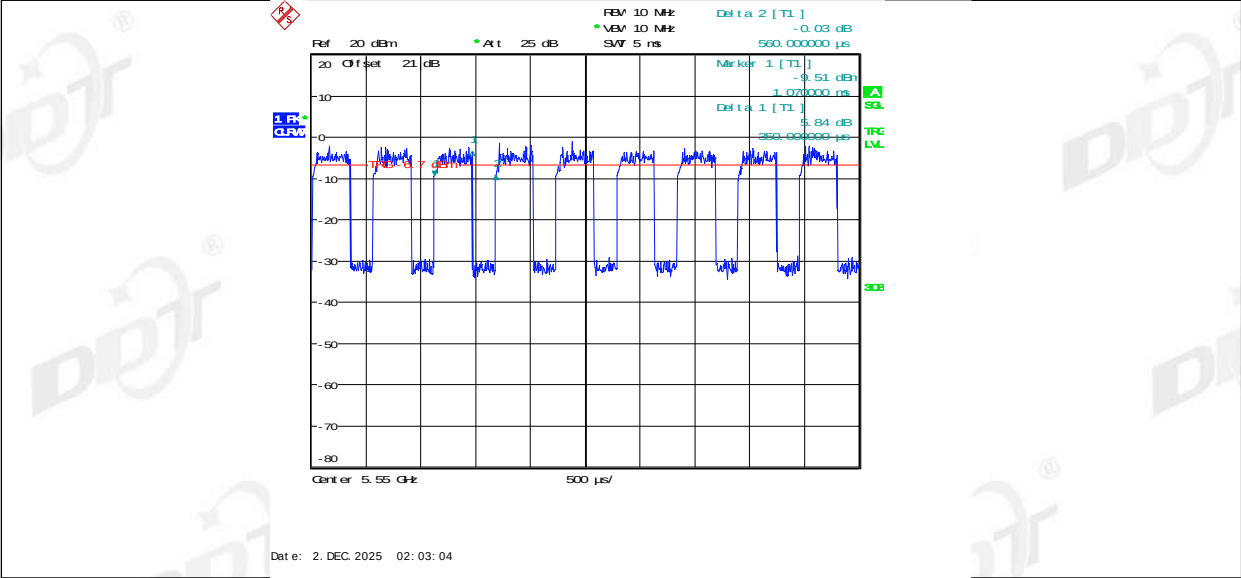
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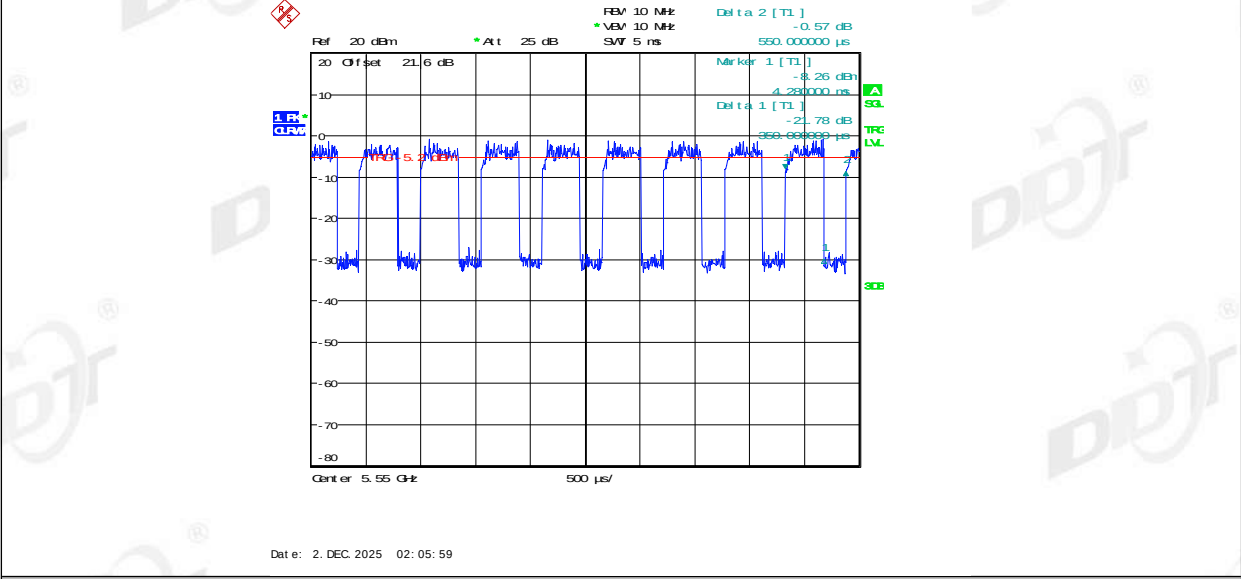
11N40MIMO_Ant2_5510



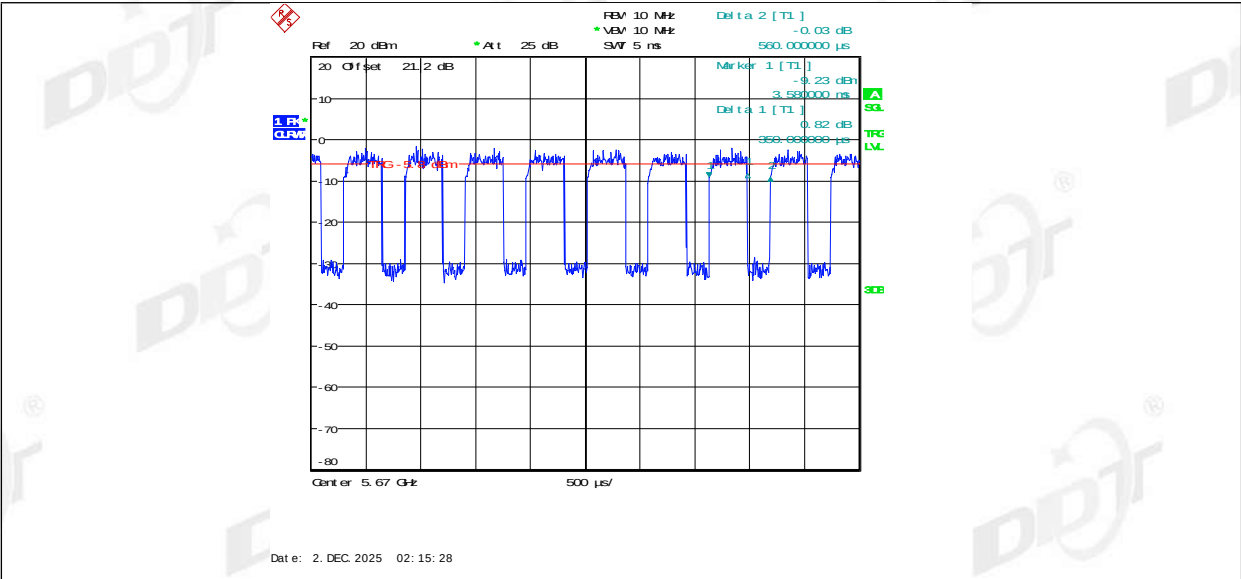
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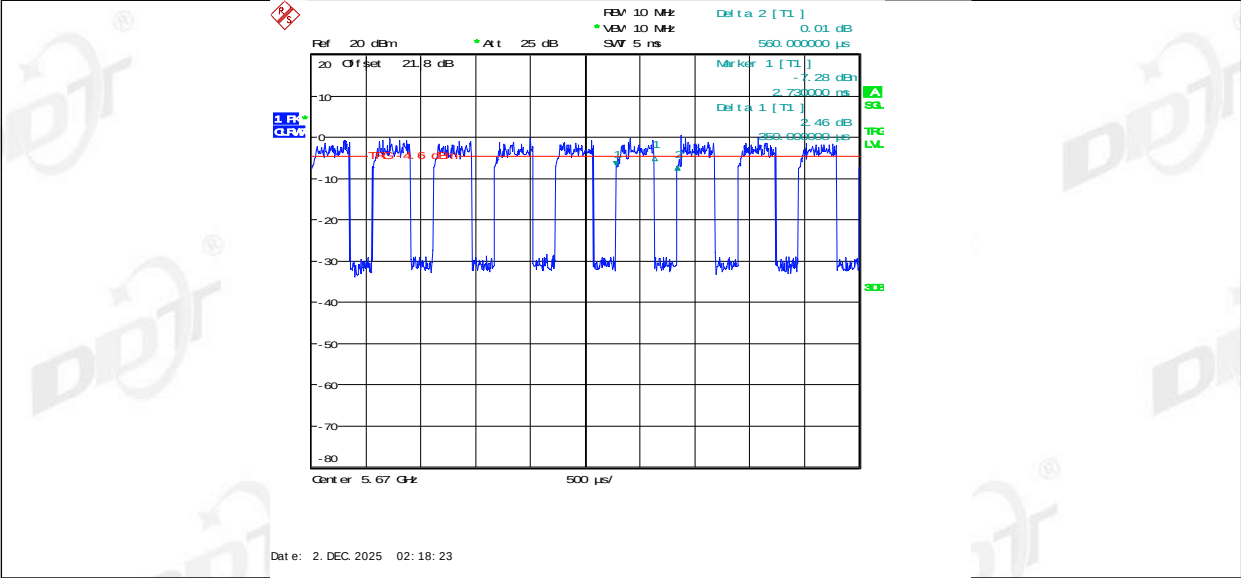
11N40MIMO_Ant2_5550



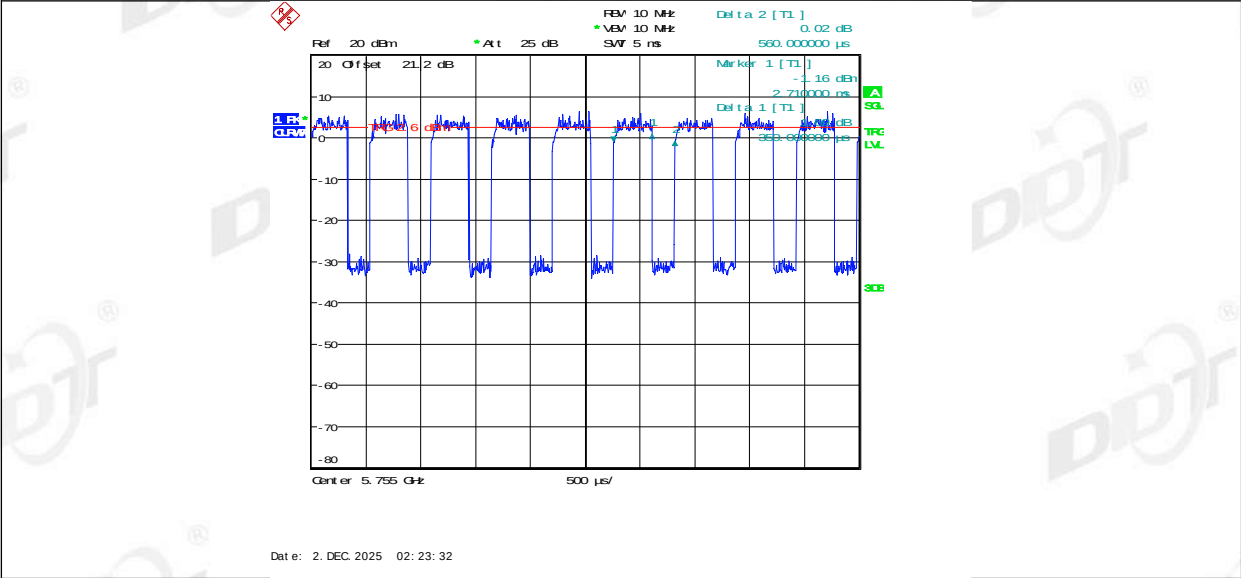
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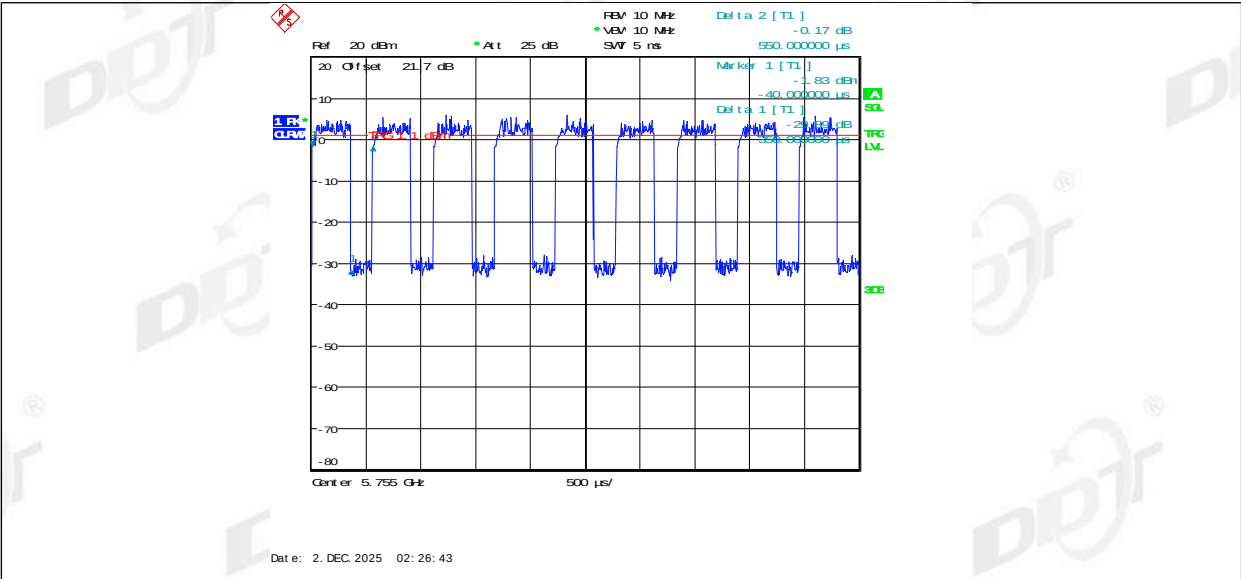
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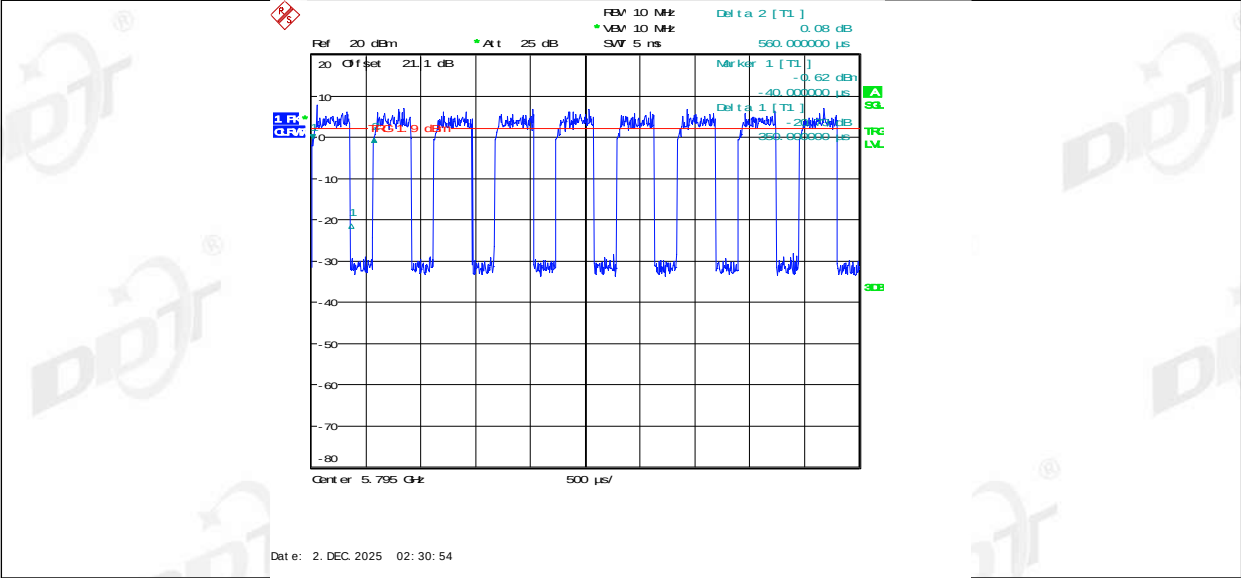
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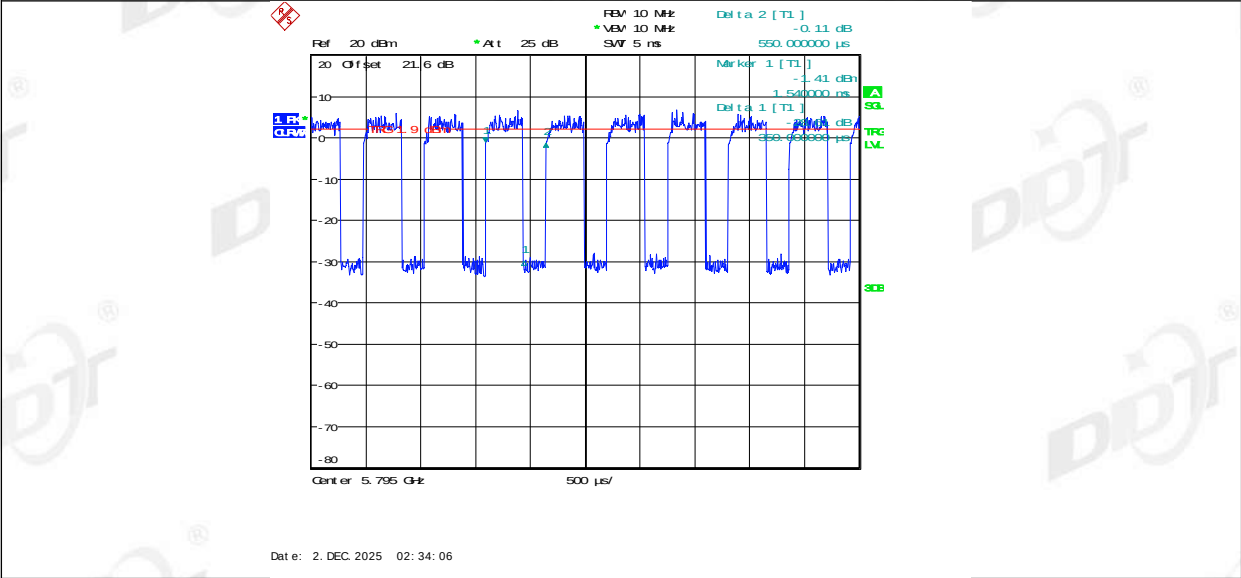
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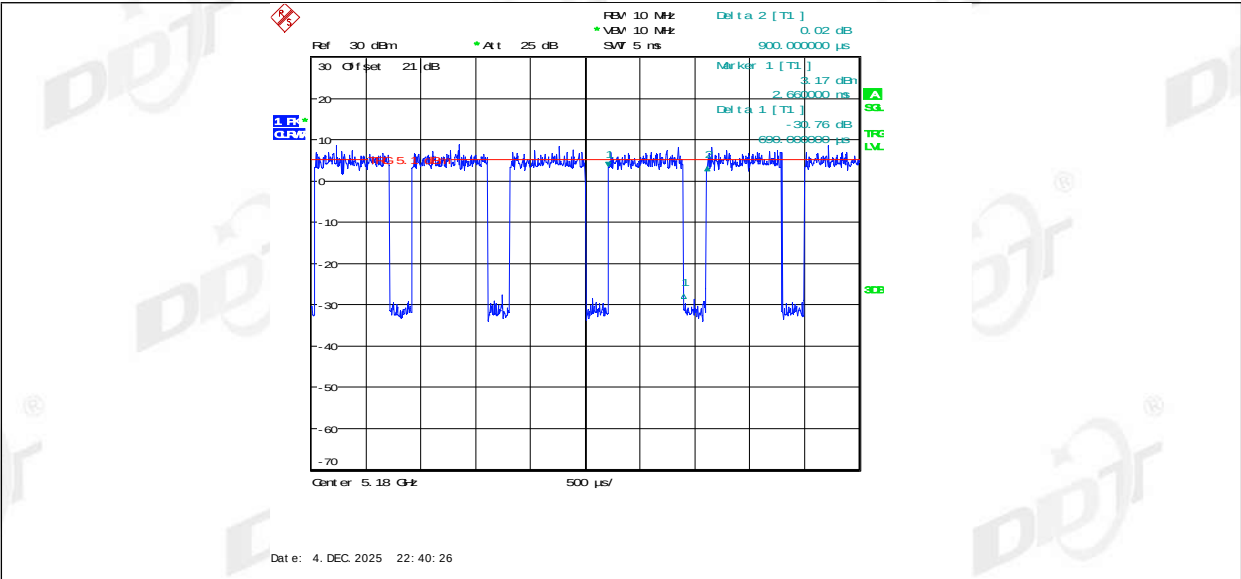
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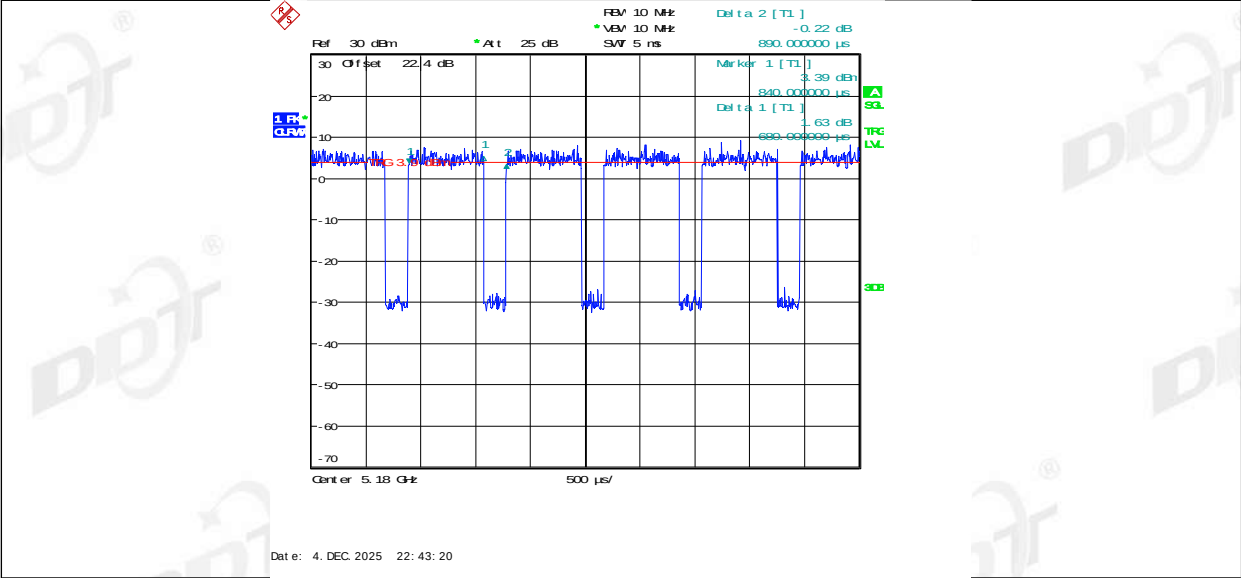
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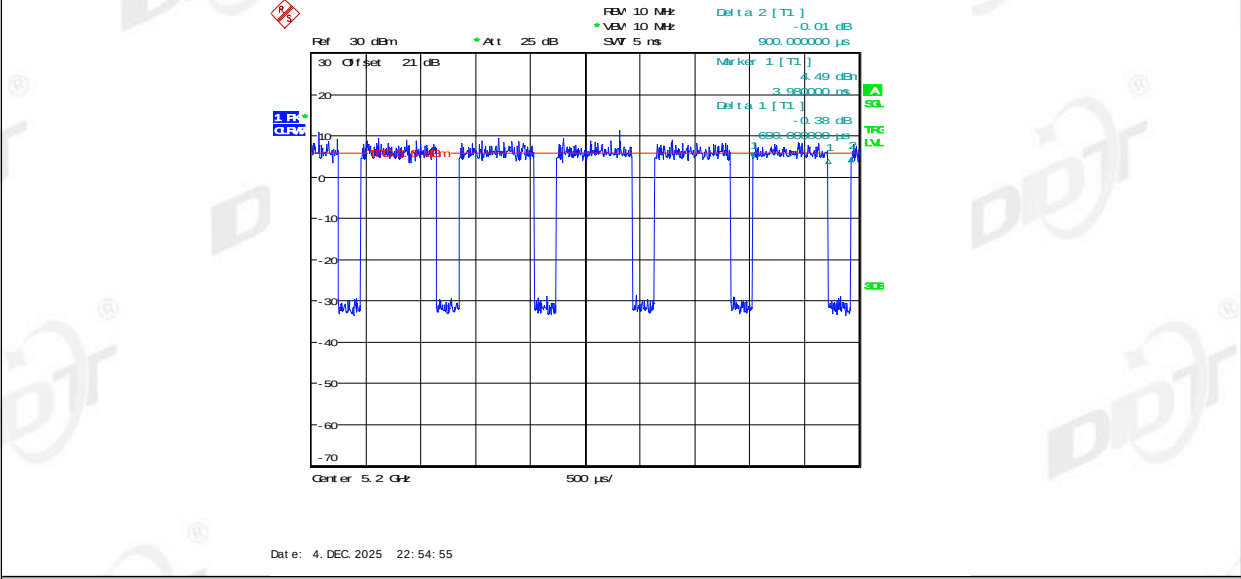
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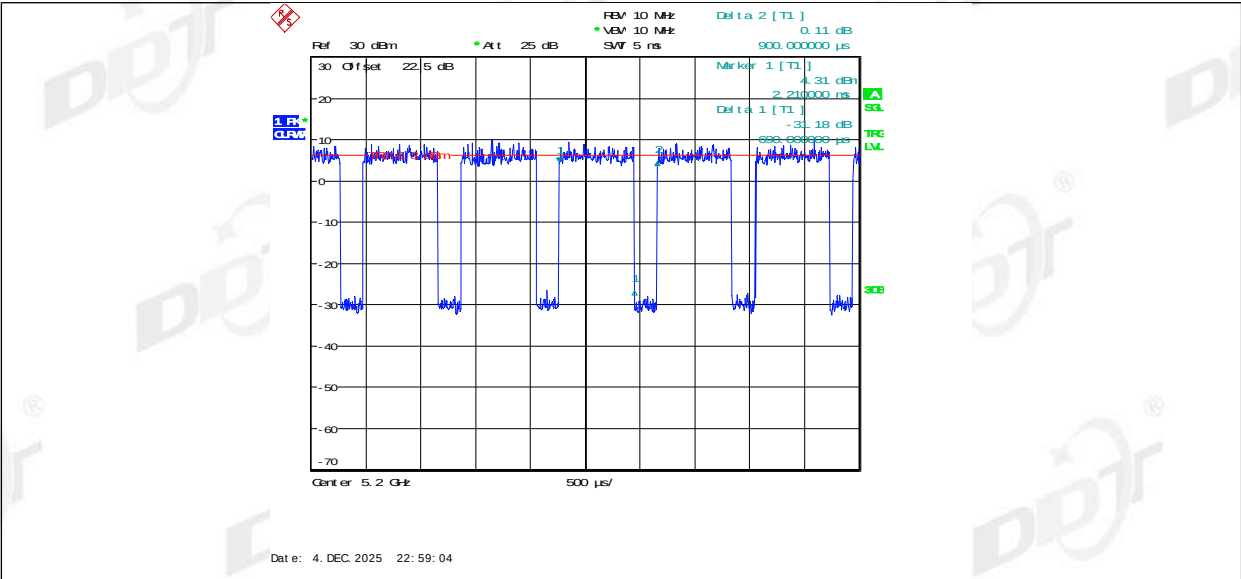
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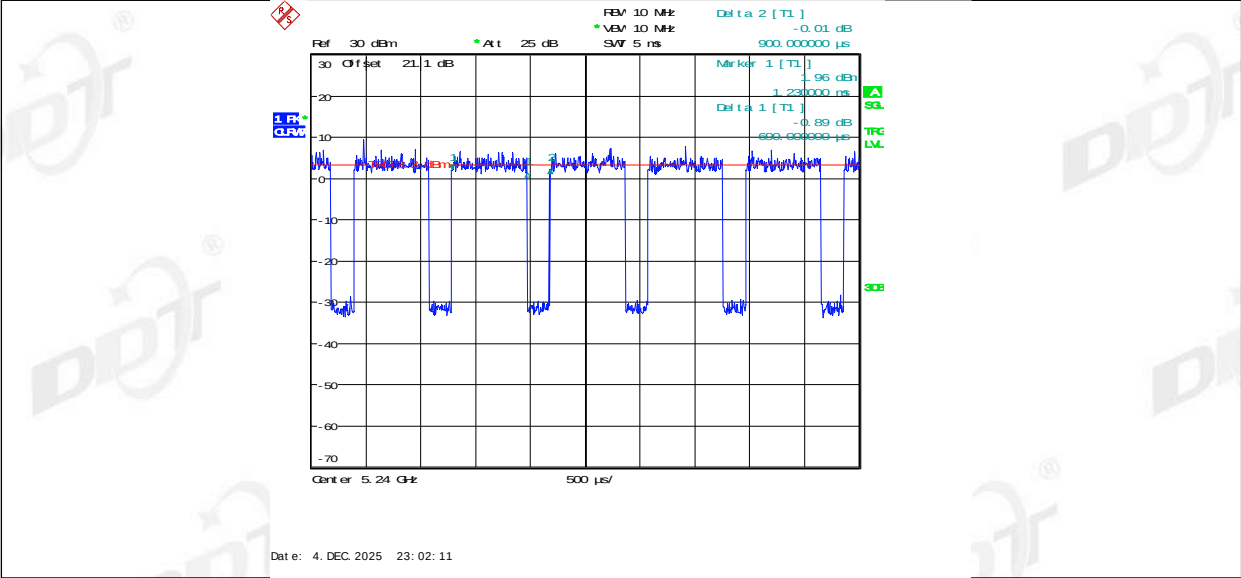
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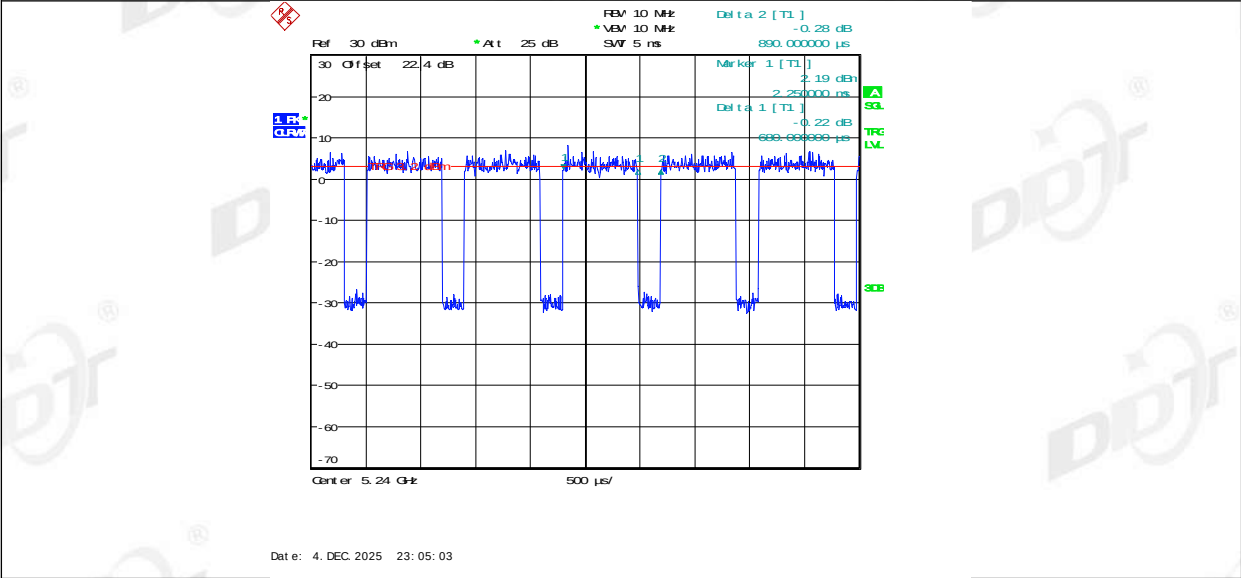
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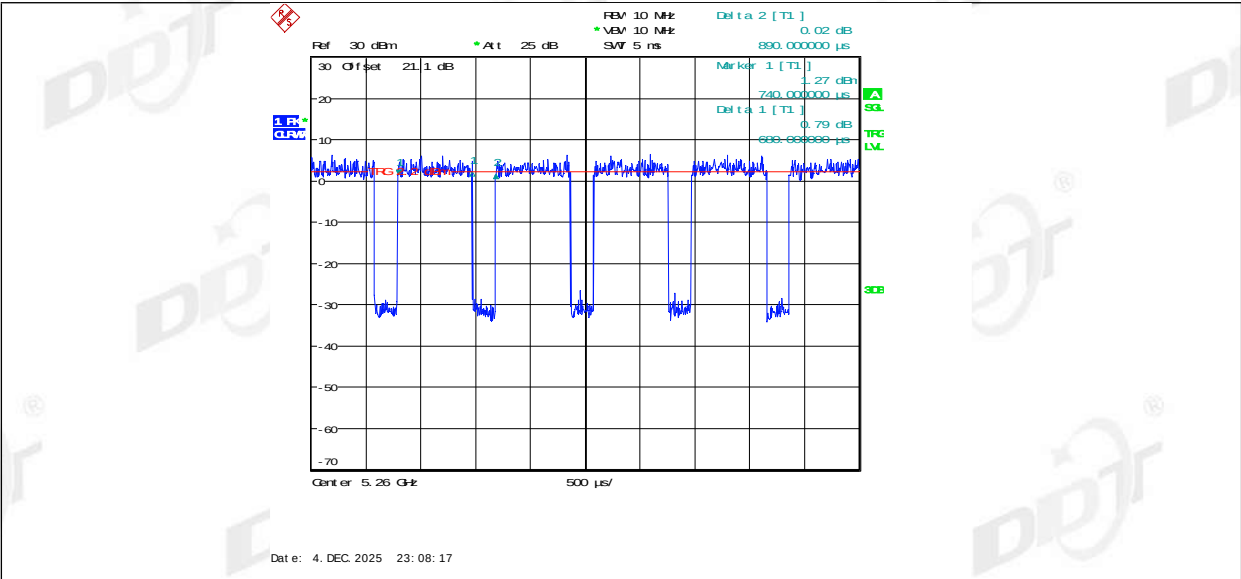
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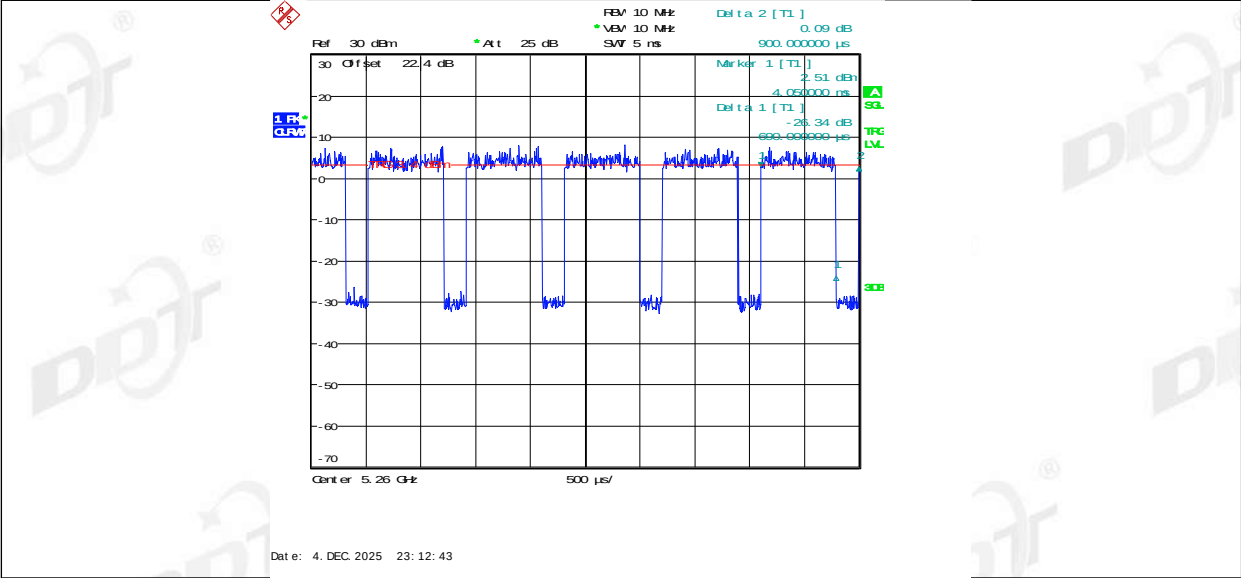
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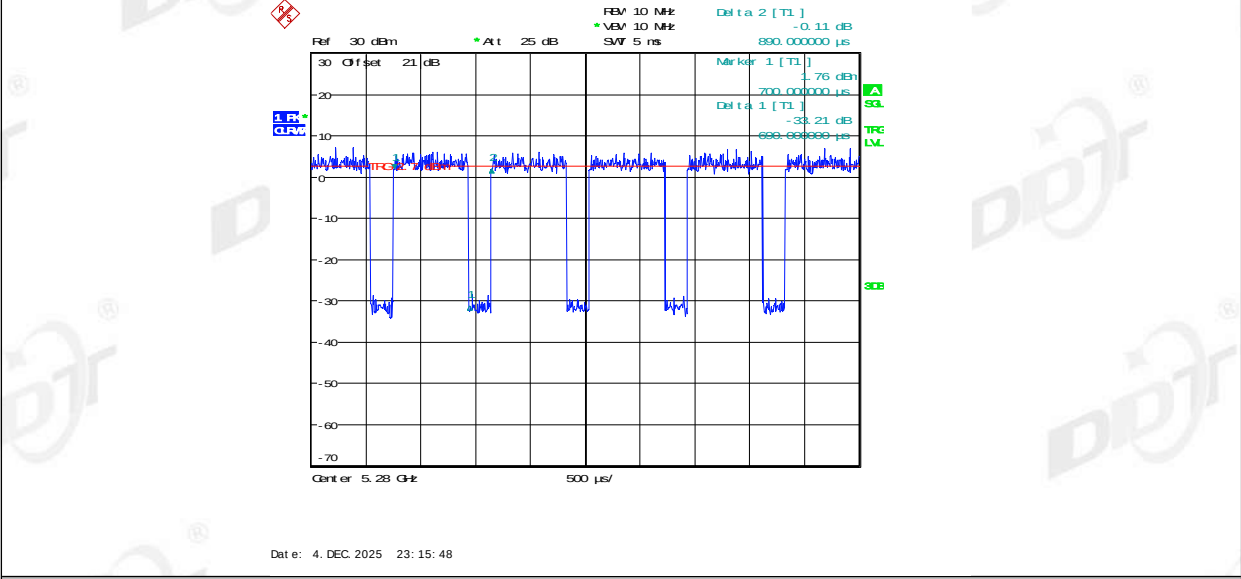
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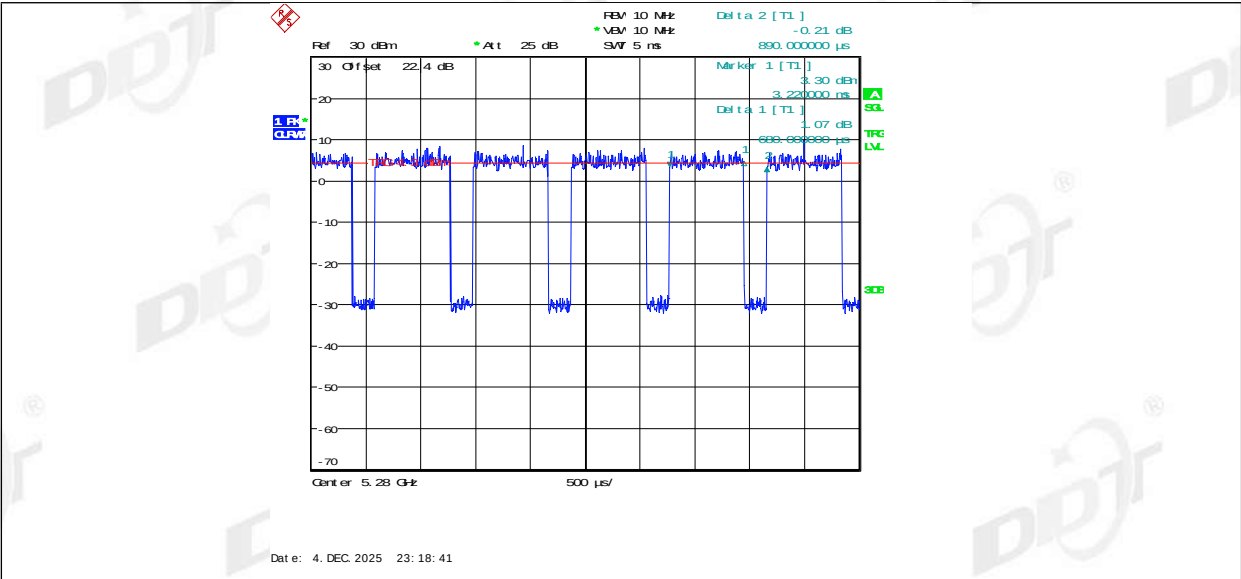
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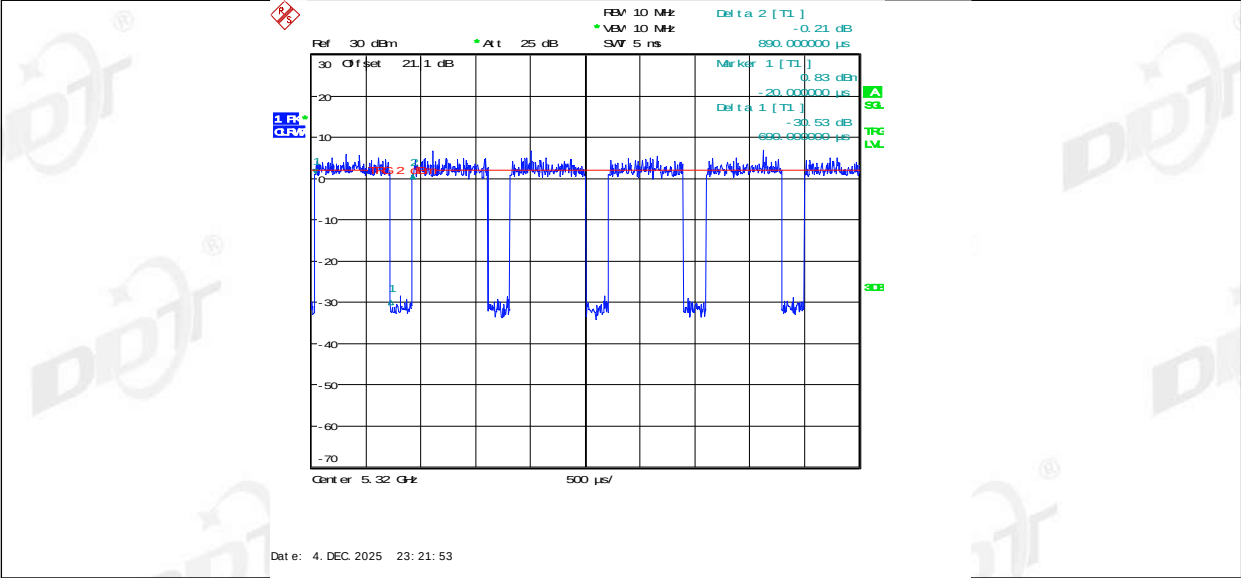
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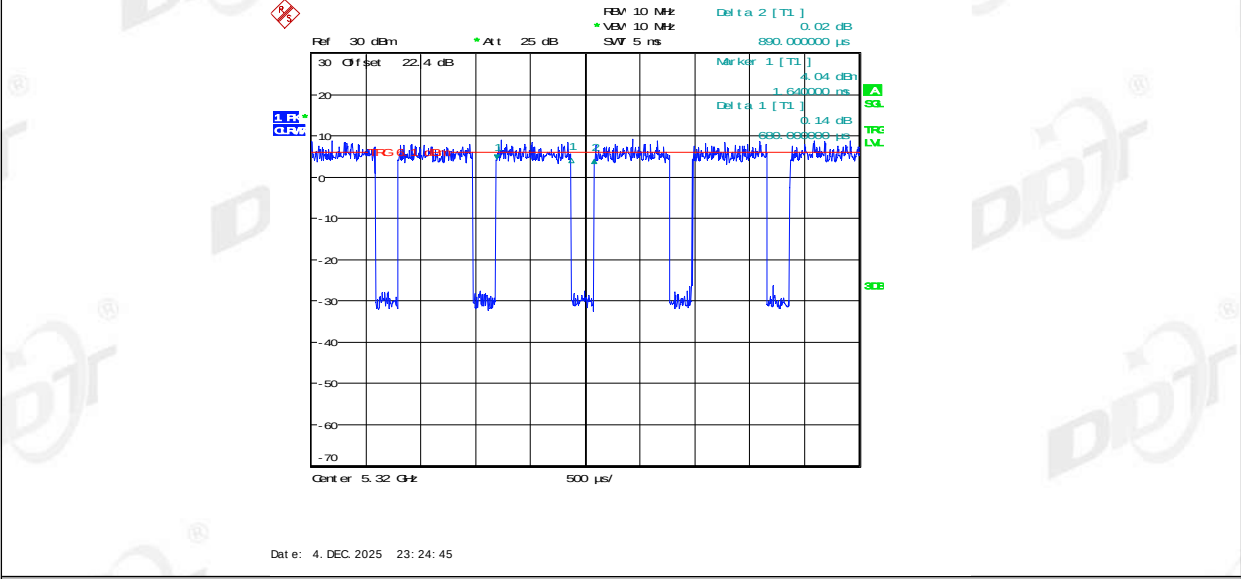
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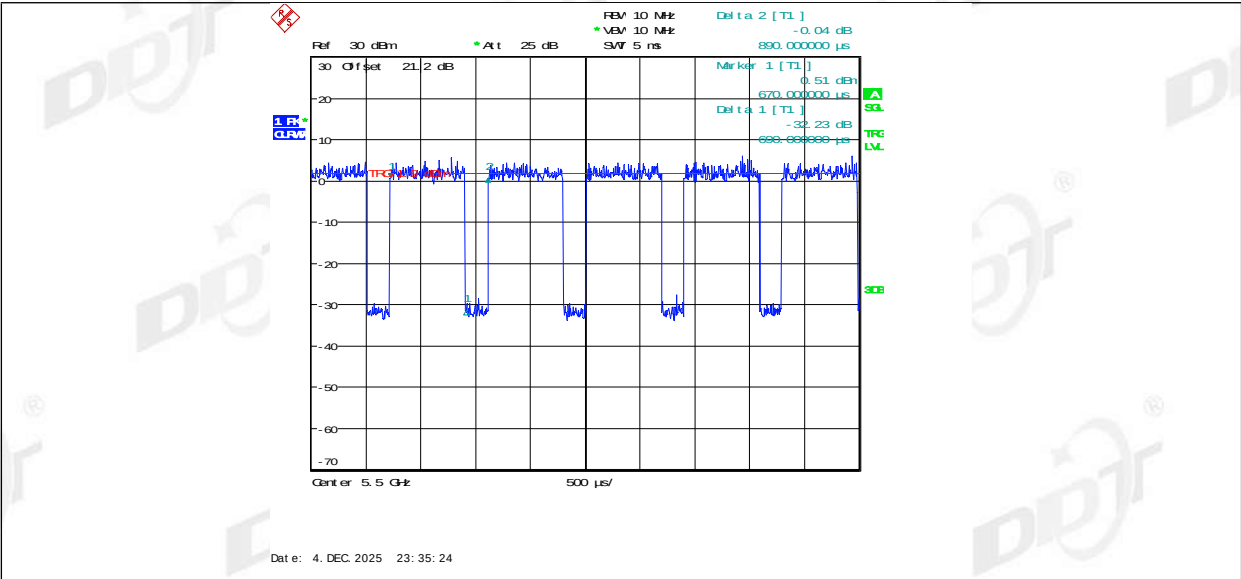
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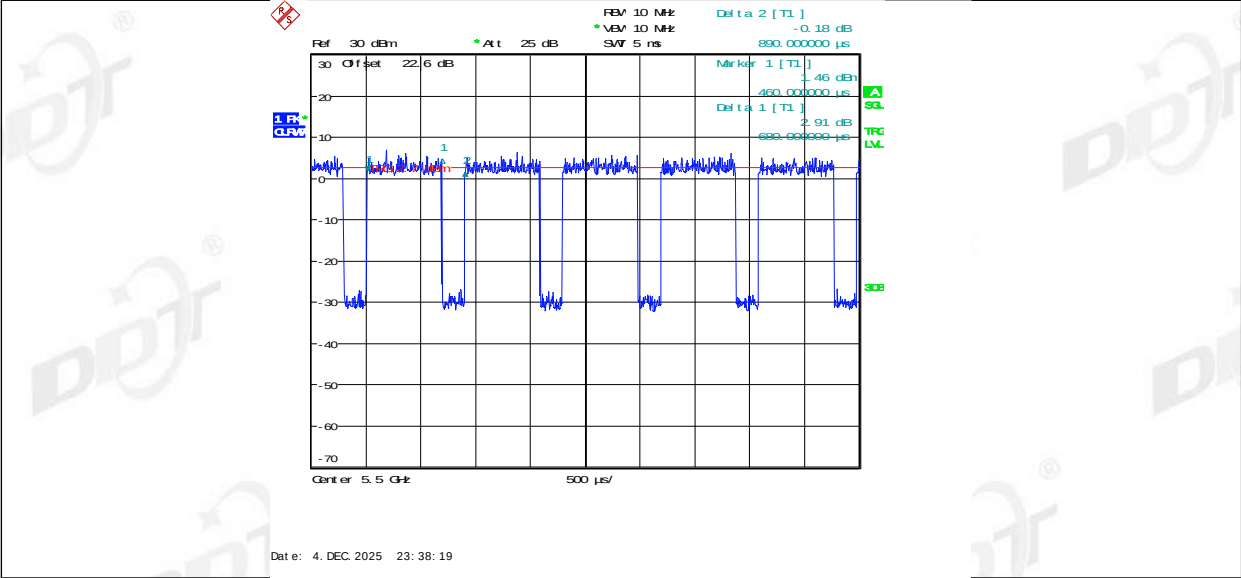
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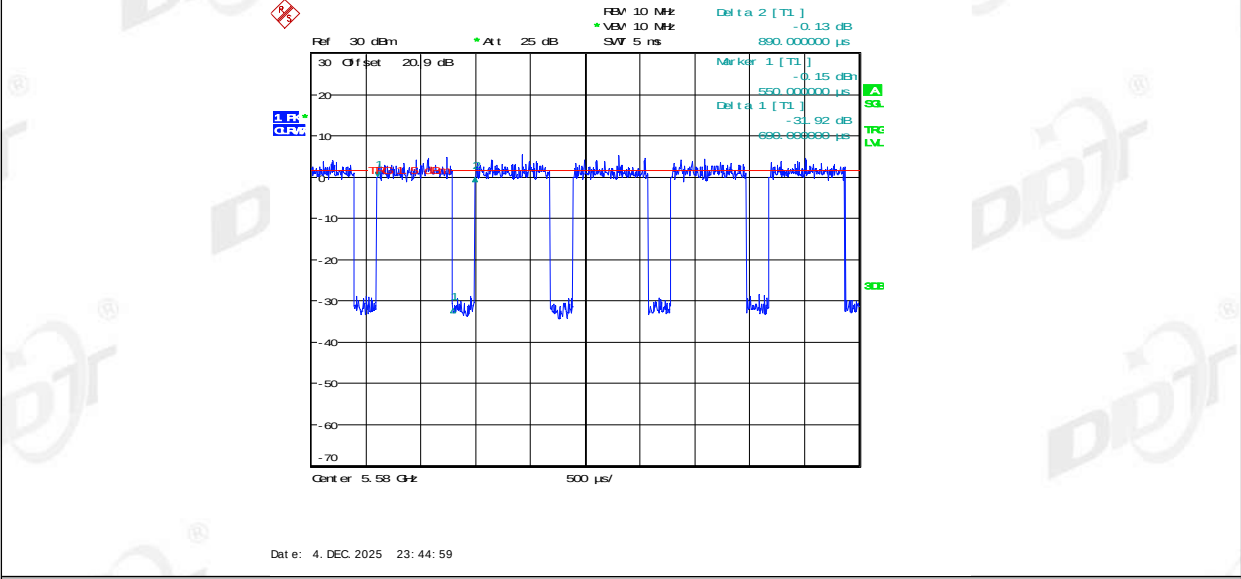
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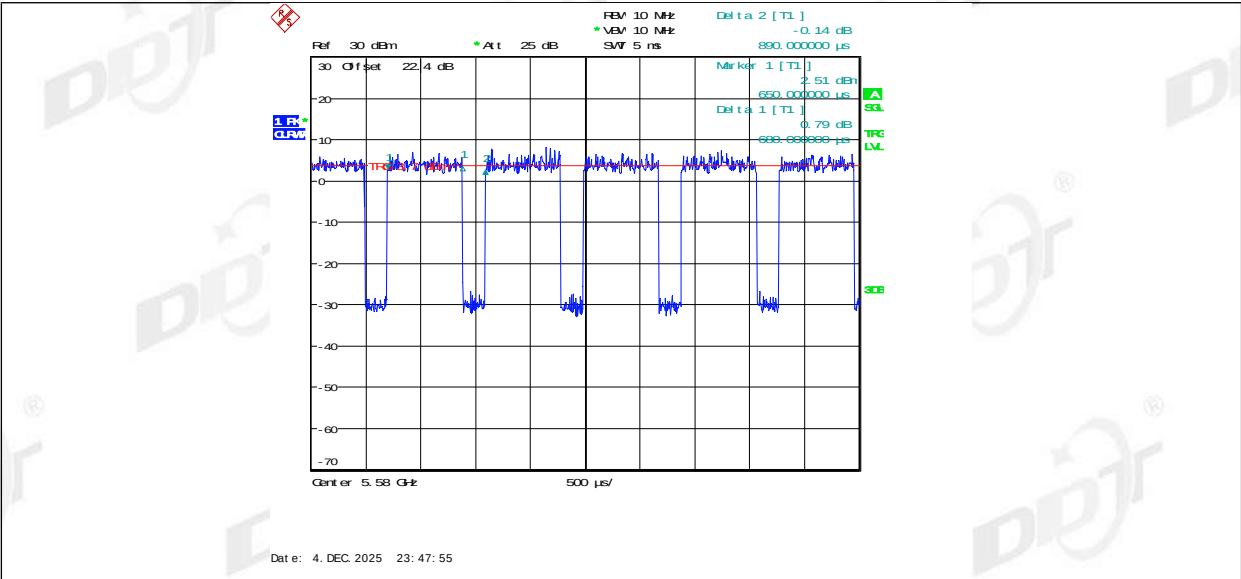
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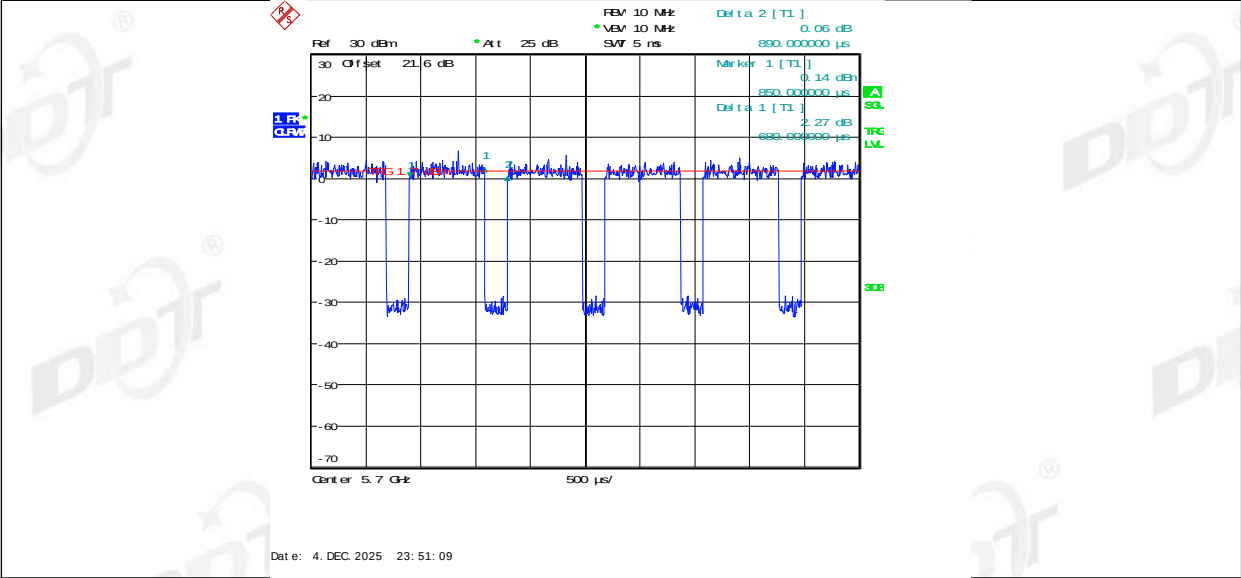
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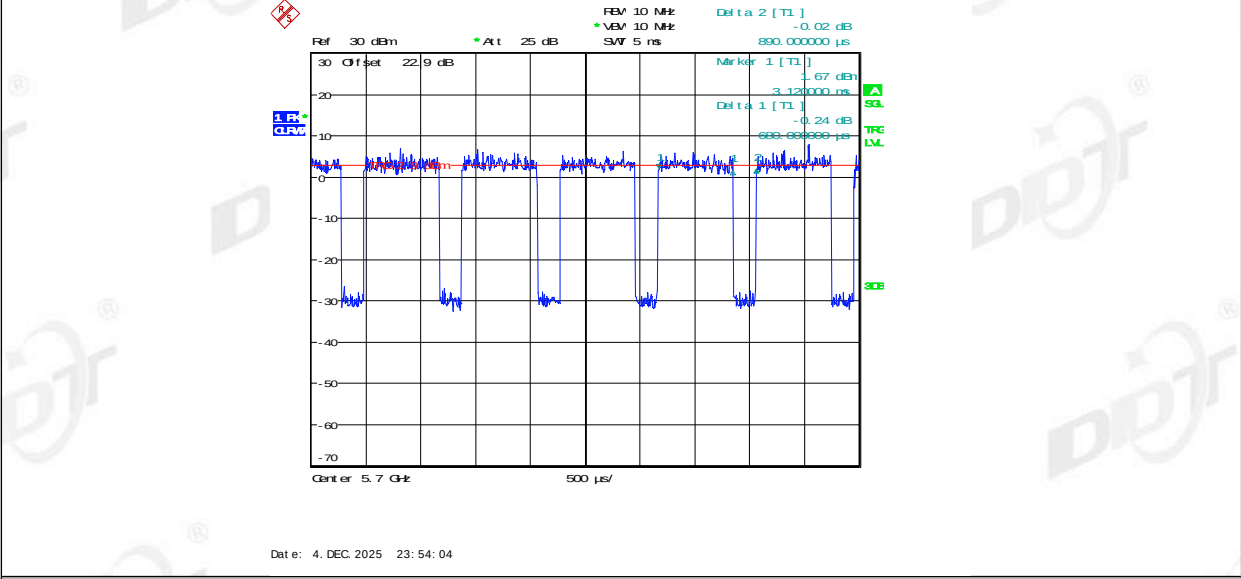
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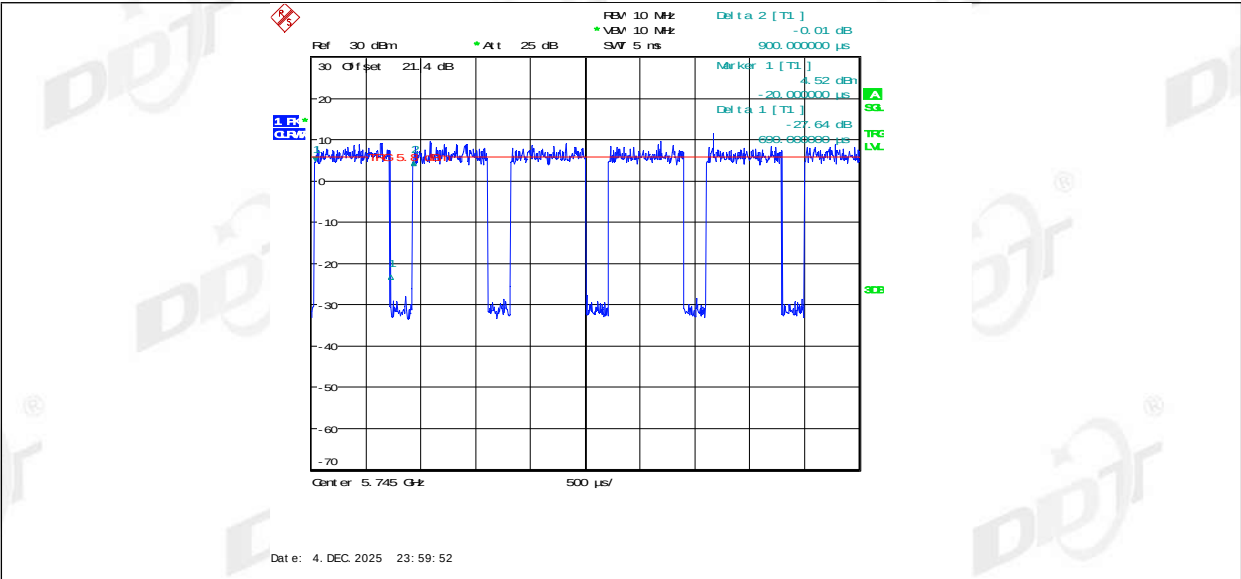
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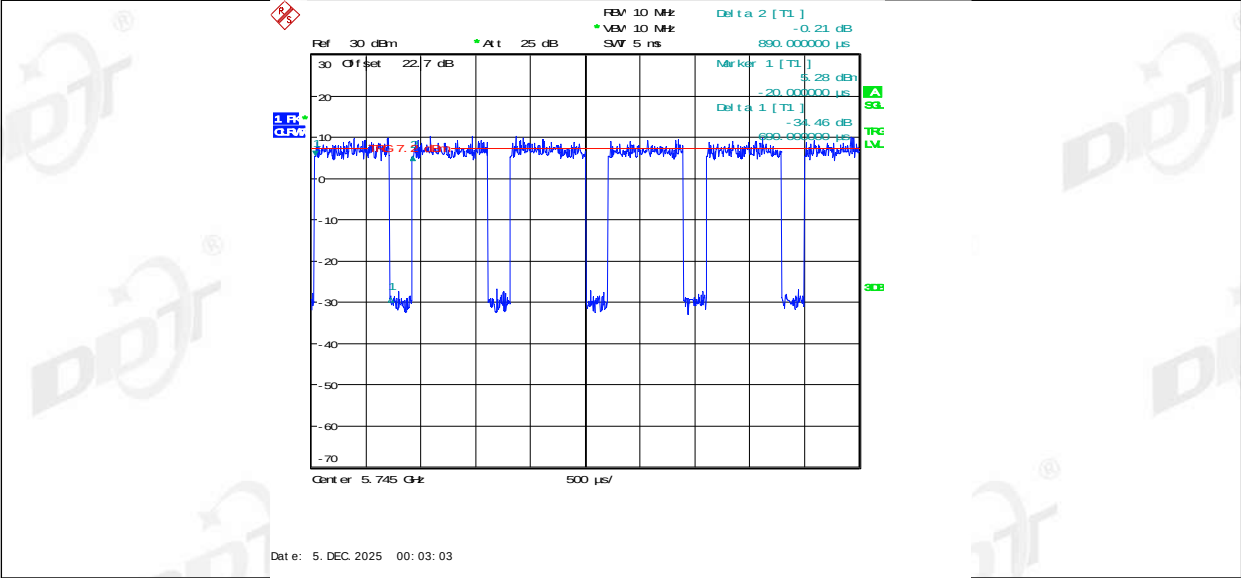
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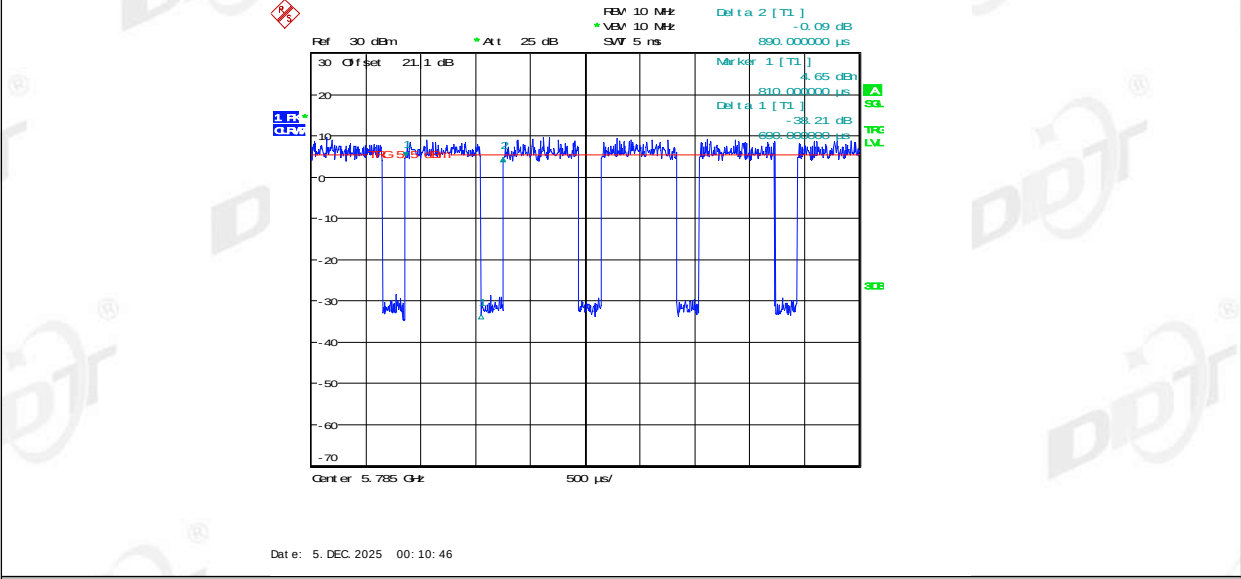
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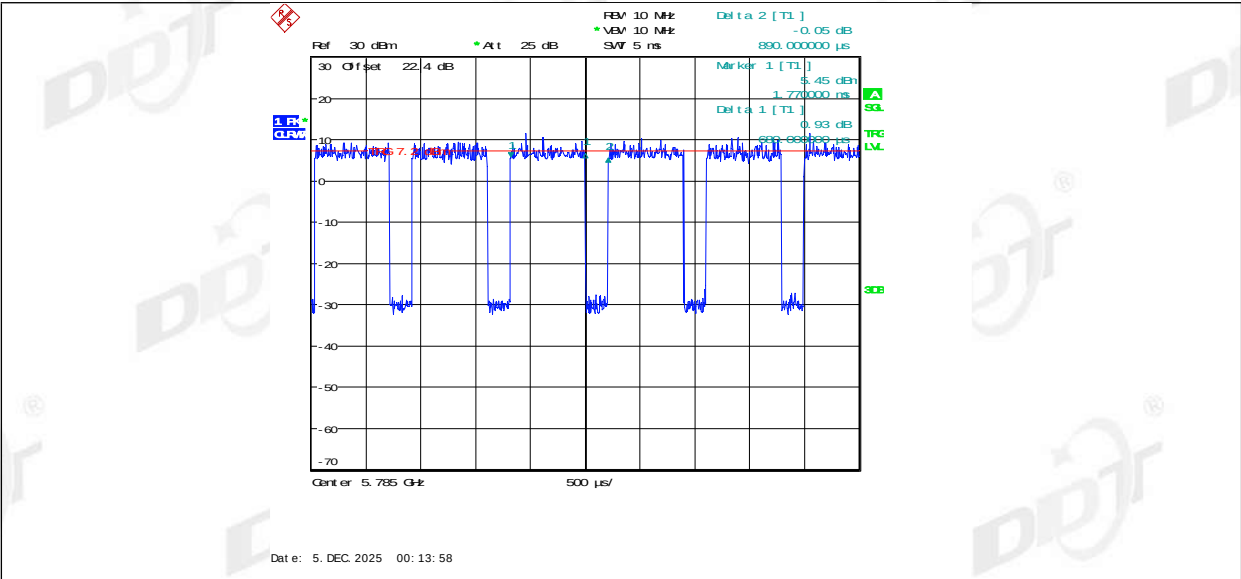
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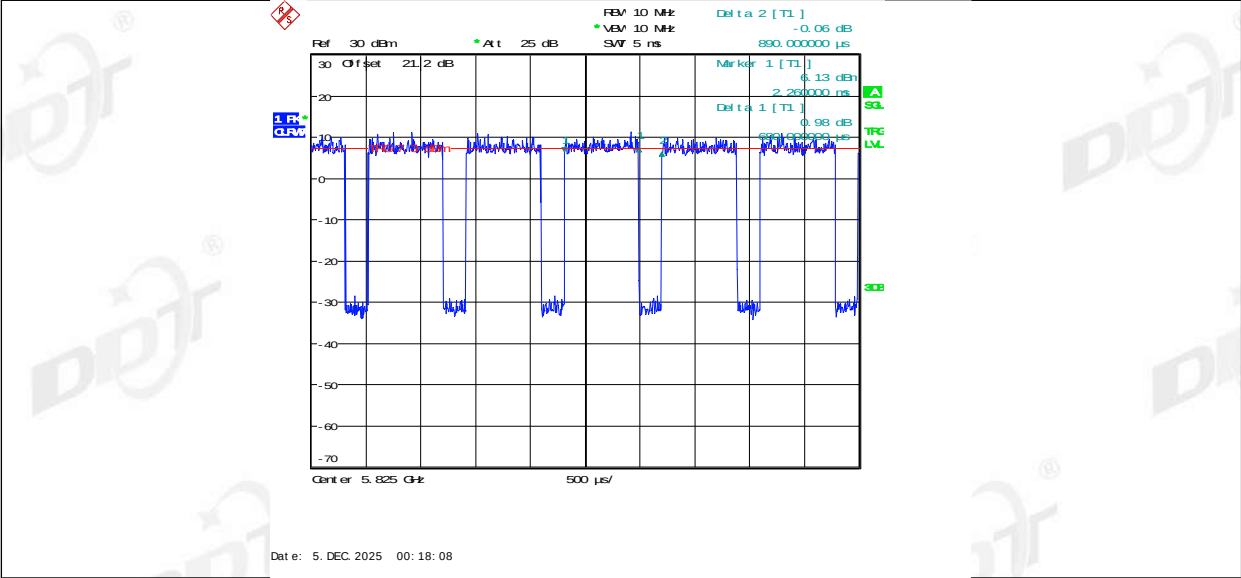
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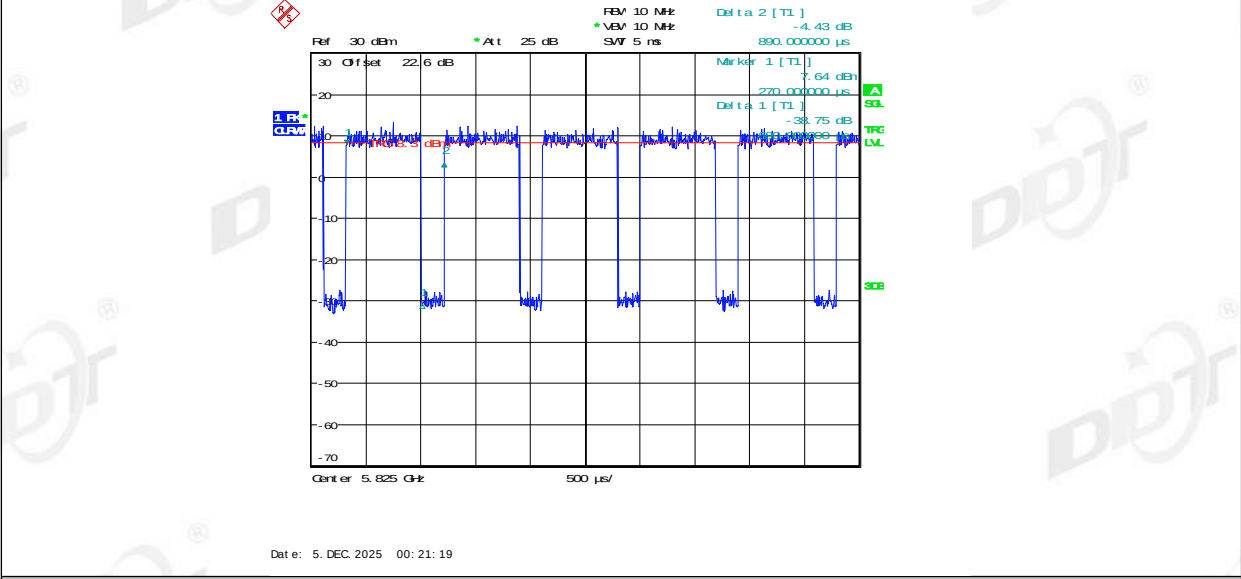
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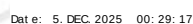
11AC20MIMO_Ant1_5825



11AC20MIMO_Ant2_5825



11AC40MIMO_Ant1_5190



REF 10 MHz
 VSWR 10 MHz
 SWR 5 ns
 Delta 2 [T1]
 -0.02 dB
 500.000000 ns
 Mirror 1 [T1]
 -2.28 dB
 3.200000 ns
 Delta 1 [T1]
 -4.23 dB
 350.000000 ns
 1
 2
 500 ns
 Center 19.000000 GHz
 500 ns

Date: 5. DEC. 2025 00:32:13

RBW 10 MHz
VBW 10 MHz
SWF 5 ns
Delta 2 [T1] 0.17 dB
Delta 1 [T1] 3.32 dB
Delta 2 [T1] 1.540000 ns
Delta 1 [T1] 3.66 dB
Delta 2 [T1] 350.000000 μs

Ref 30 dBm
* At 25 dB

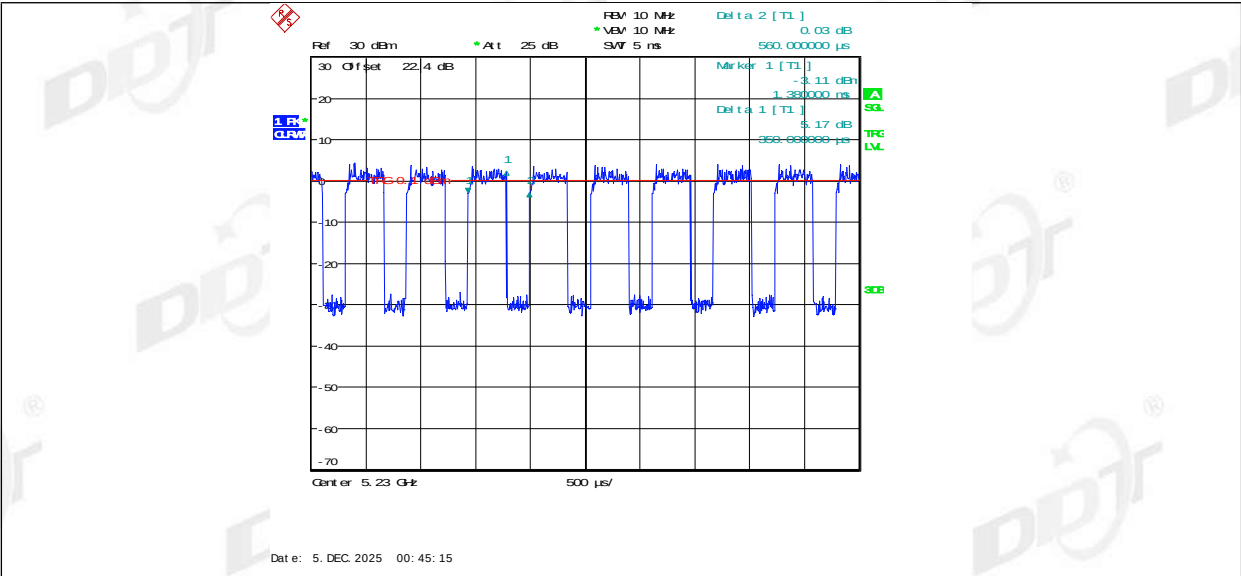
30 Offset 21 dB
-20
-10
-30
-40
-50
-60
-70

Marker 1 [T1]
-3.32 dB
1.540000 ns
Delta 1 [T1]
3.66 dB
350.000000 μs

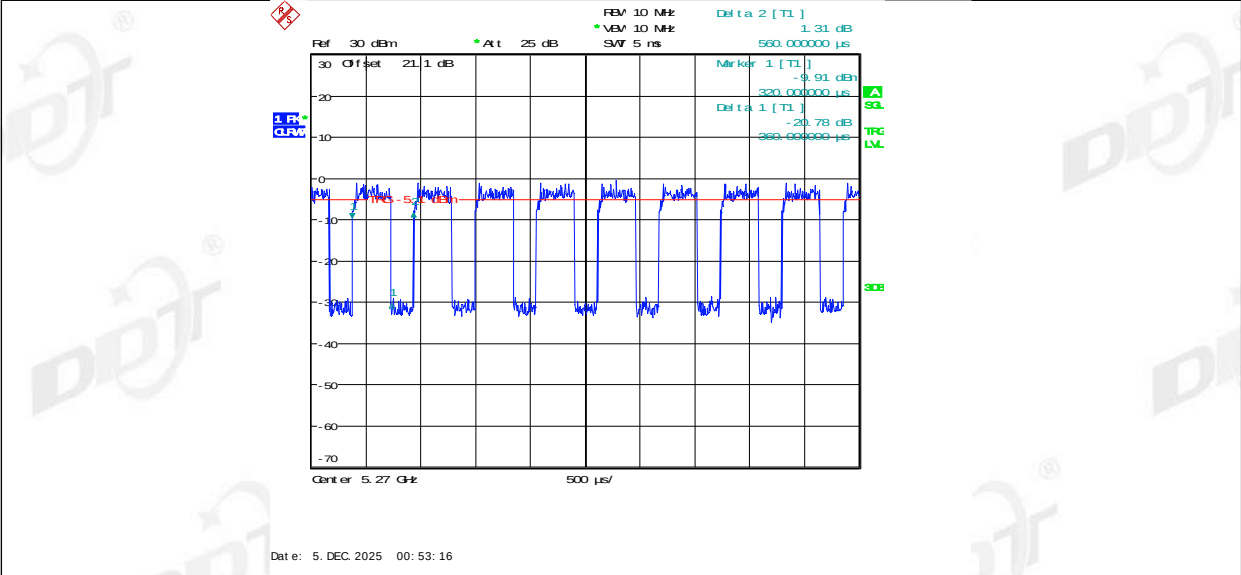
Center 5.23 GHz
500 μs/

Date: 5. DEC. 2025 00:42:20

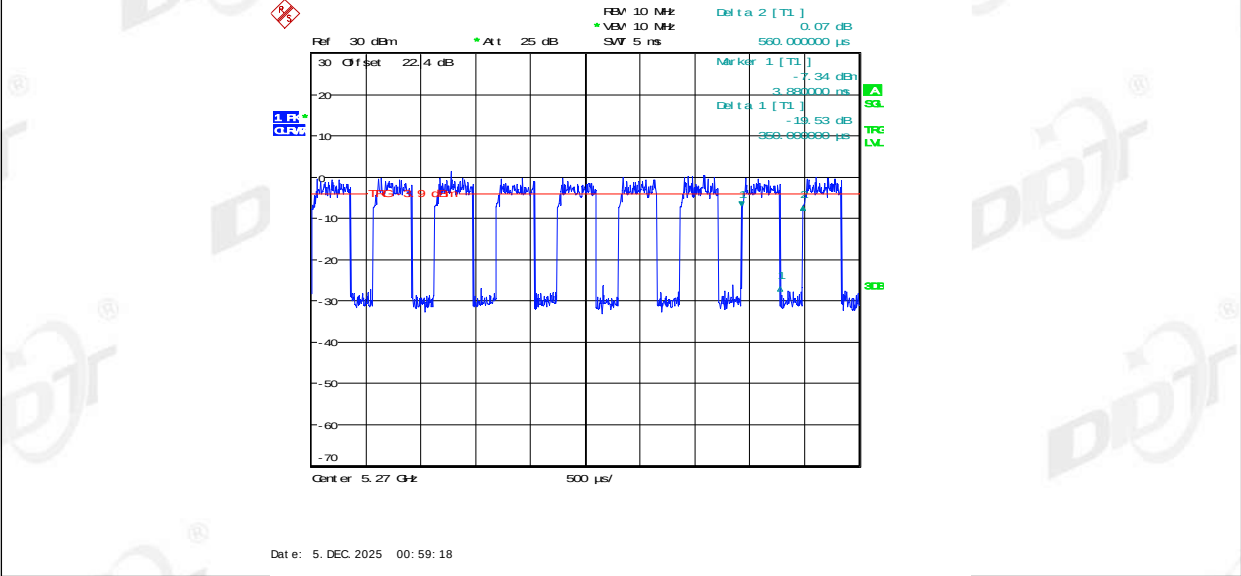
11AC40MIMO Ant2 5230



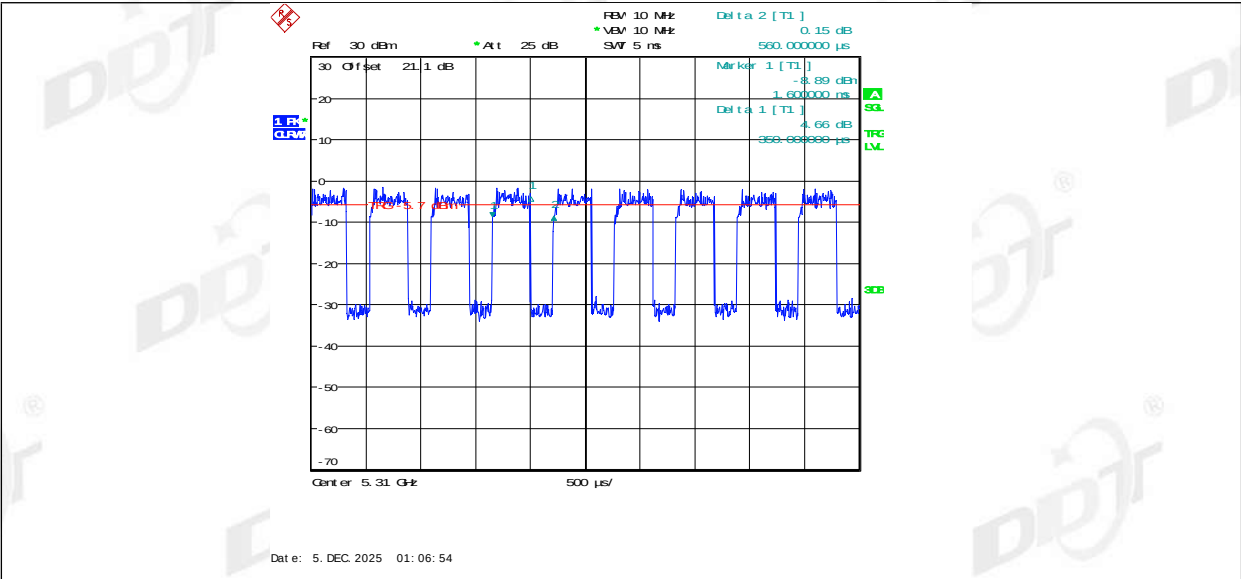
11AC40MIMO_Ant1_5270



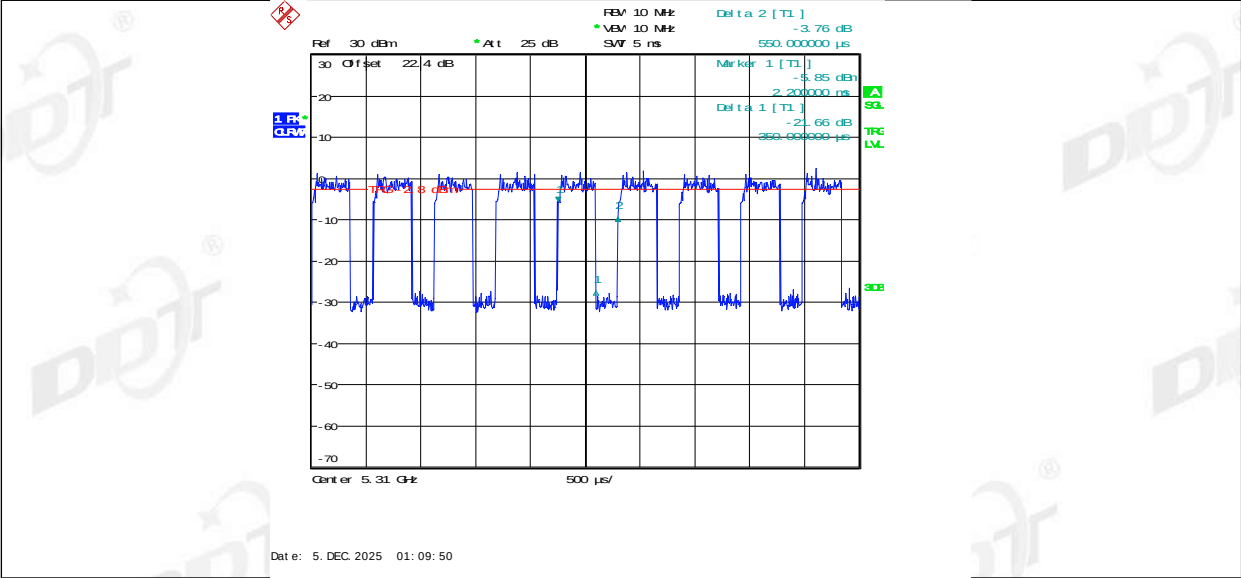
11AC40MIMO_Ant2_5270



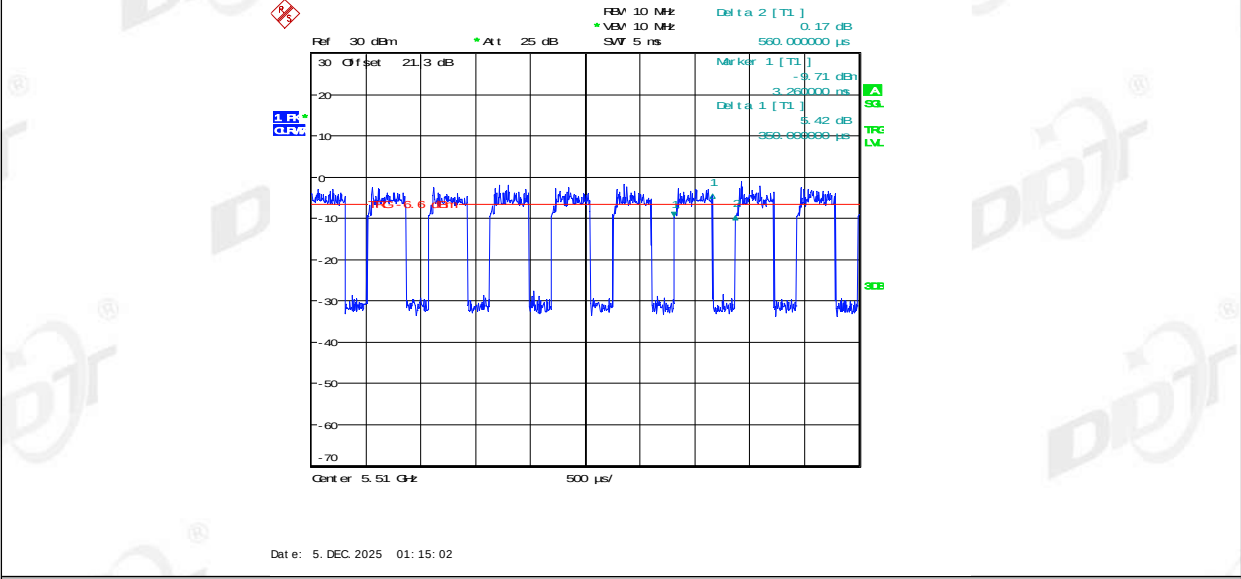
11AC40MIMO_Ant1_5310



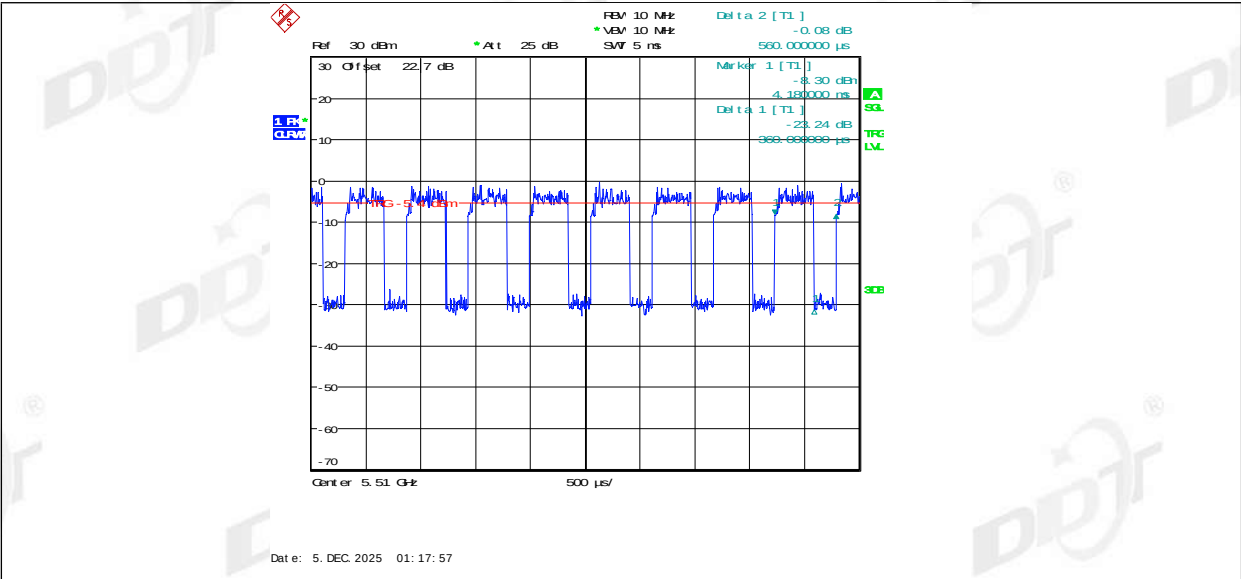
11AC40MIMO_Ant2_5310



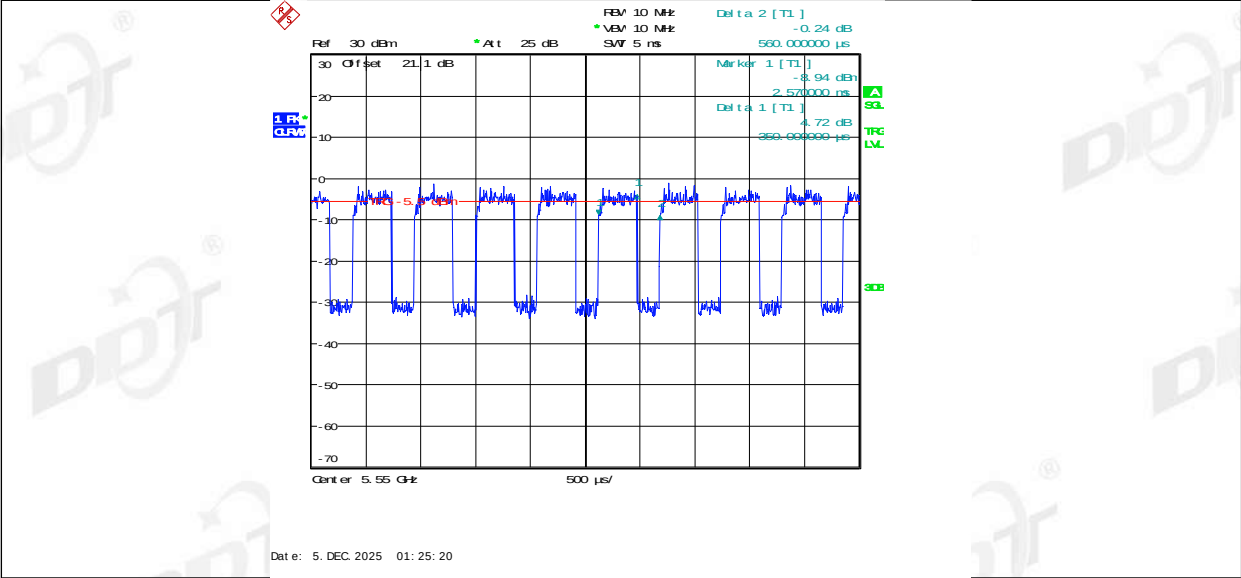
11AC40MIMO_Ant1_5510



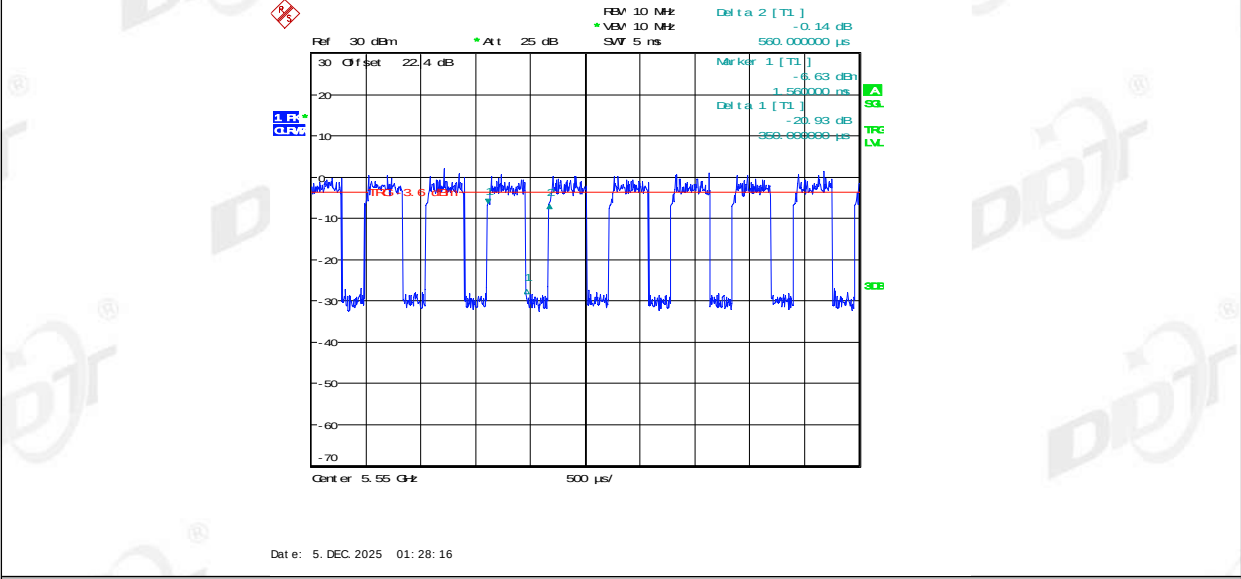
11AC40MIMO_Ant2_5510



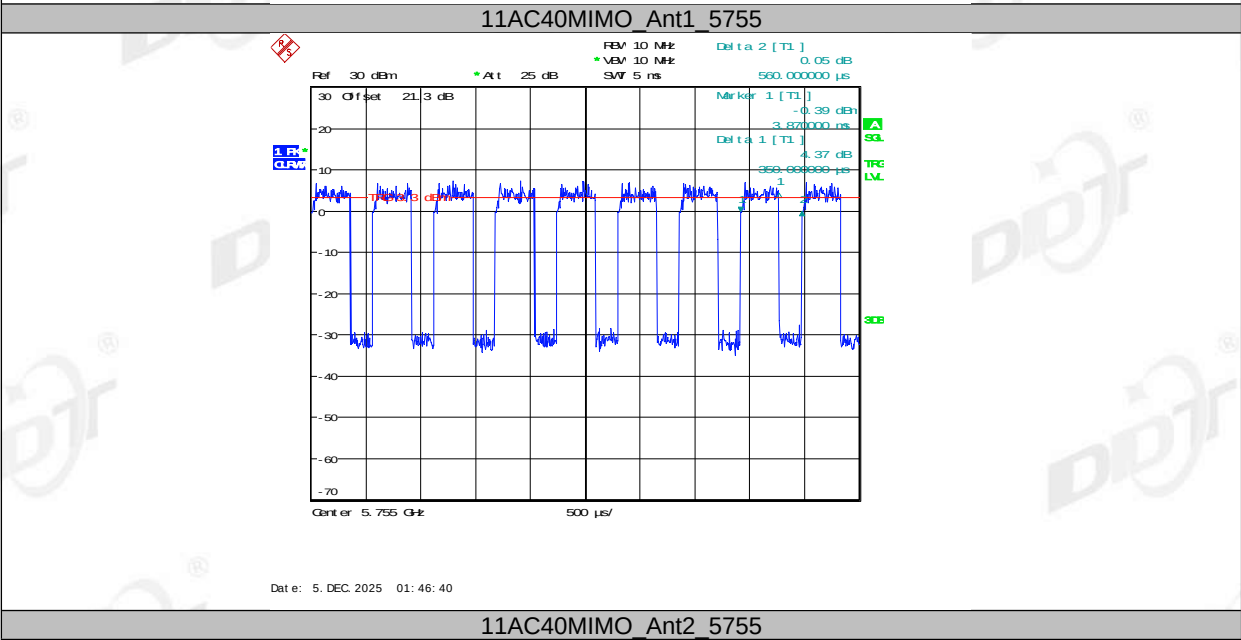
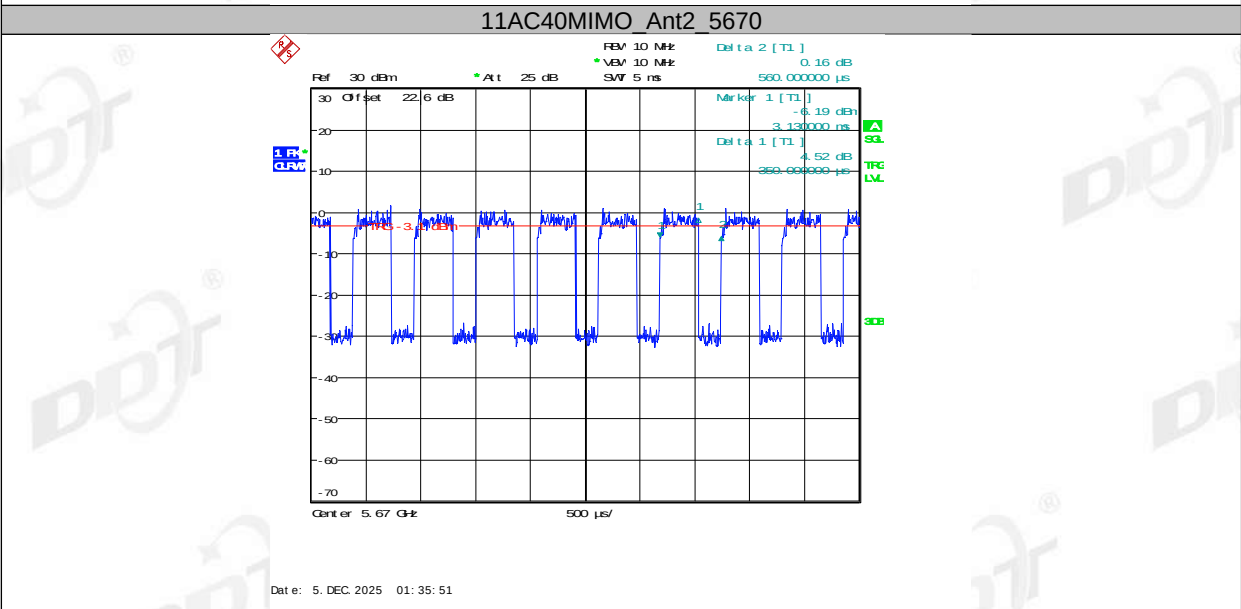
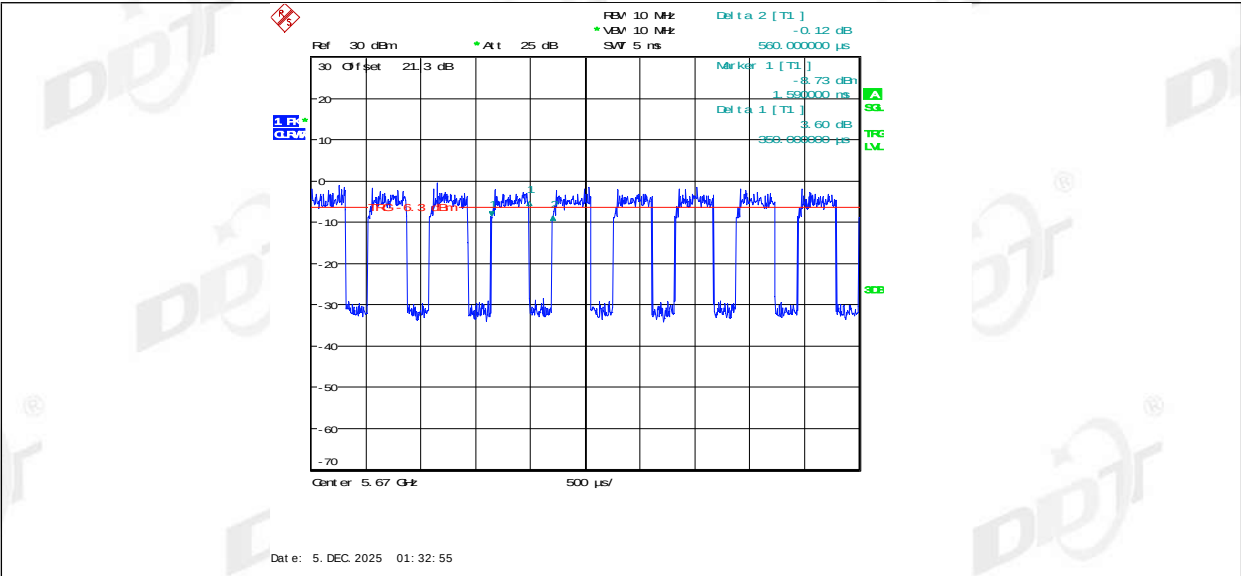
11AC40MIMO_Ant1_5550

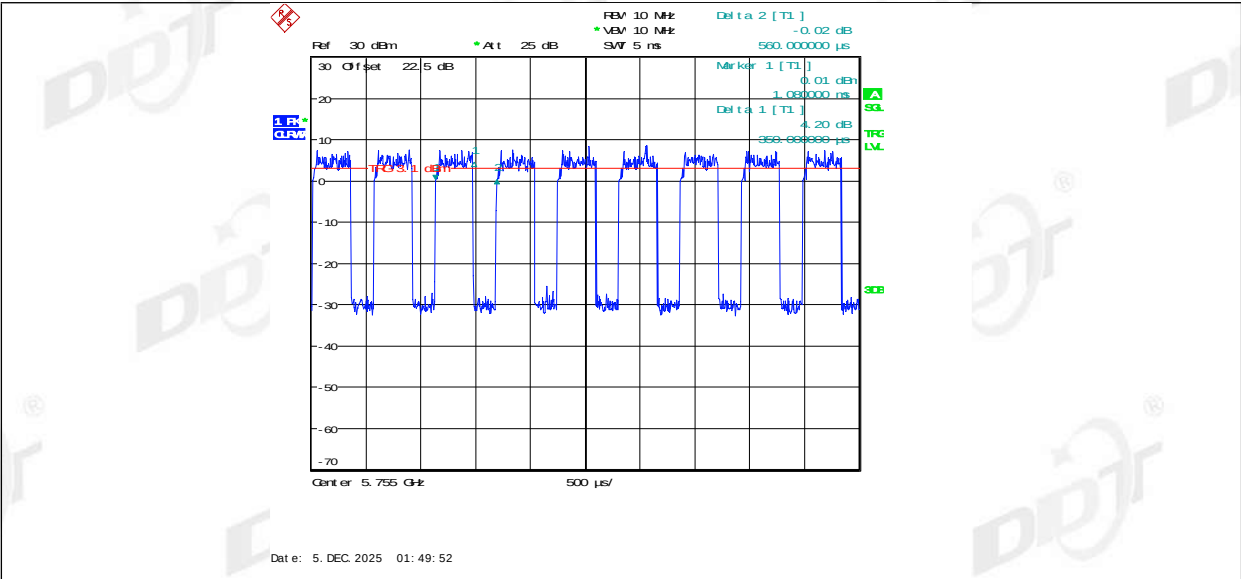


11AC40MIMO_Ant2_5550

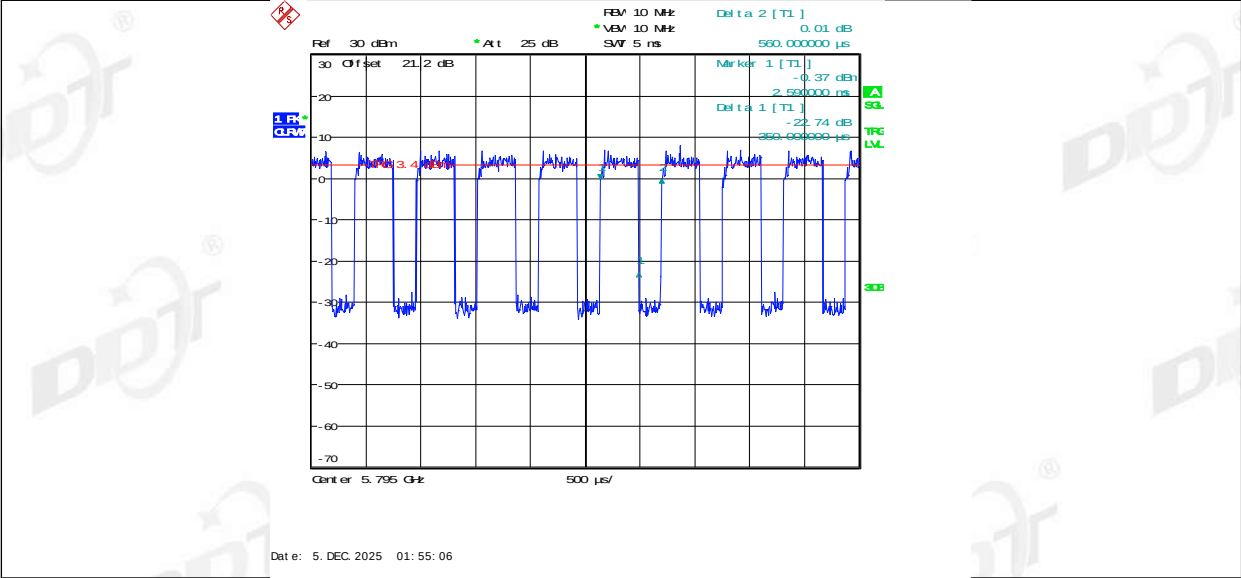


11AC40MIMO_Ant1_5670

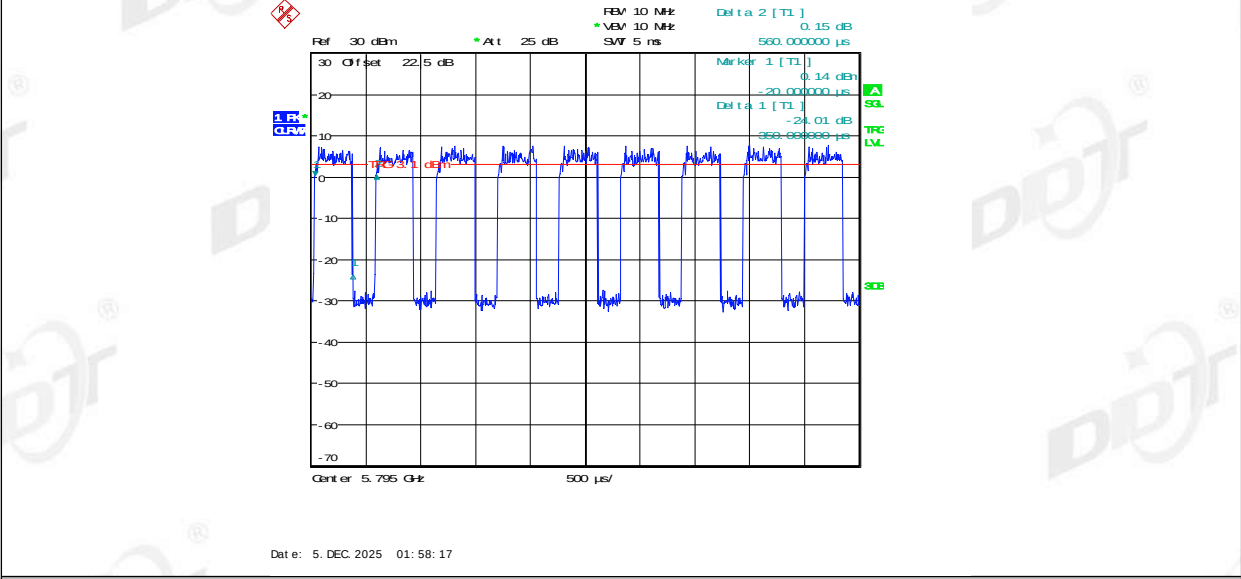




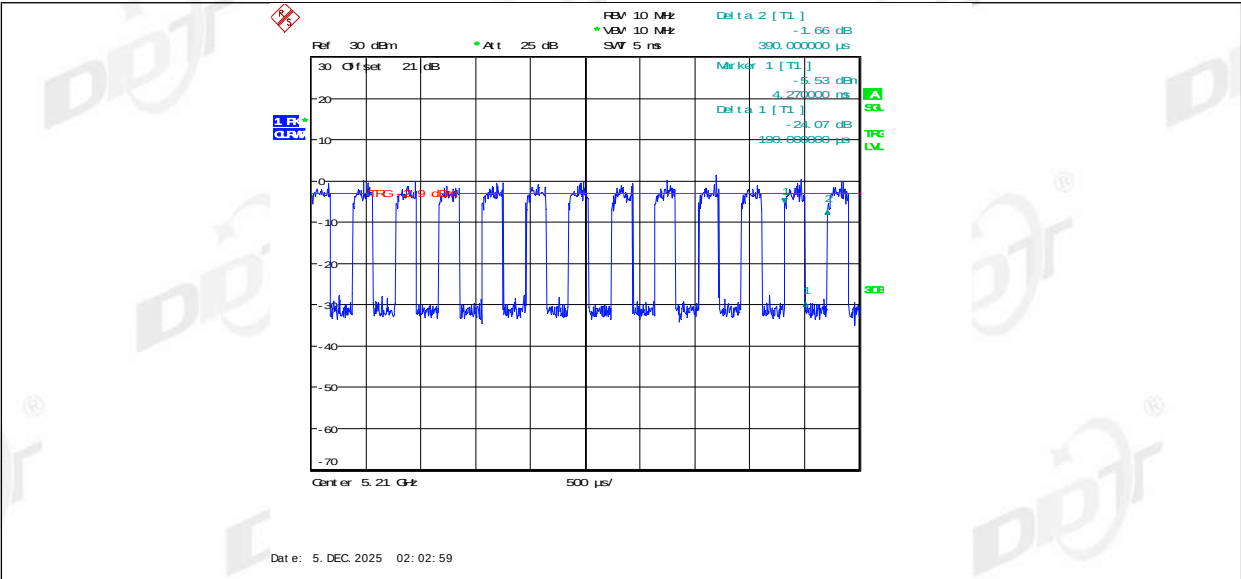
11AC40MIMO_Ant1_5795



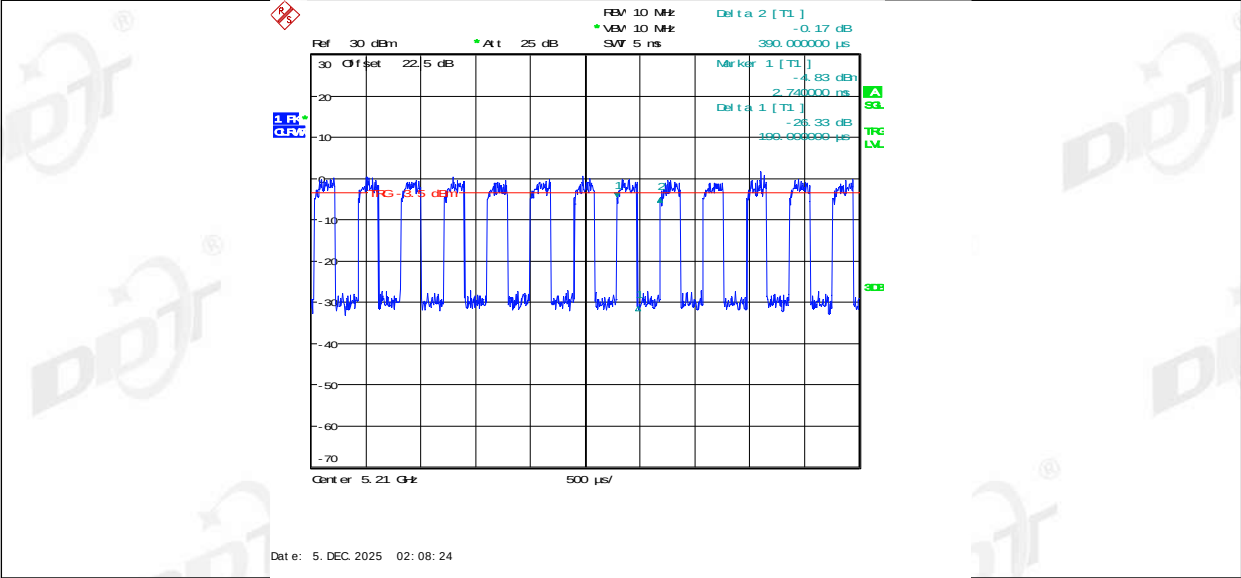
11AC40MIMO_Ant2_5795



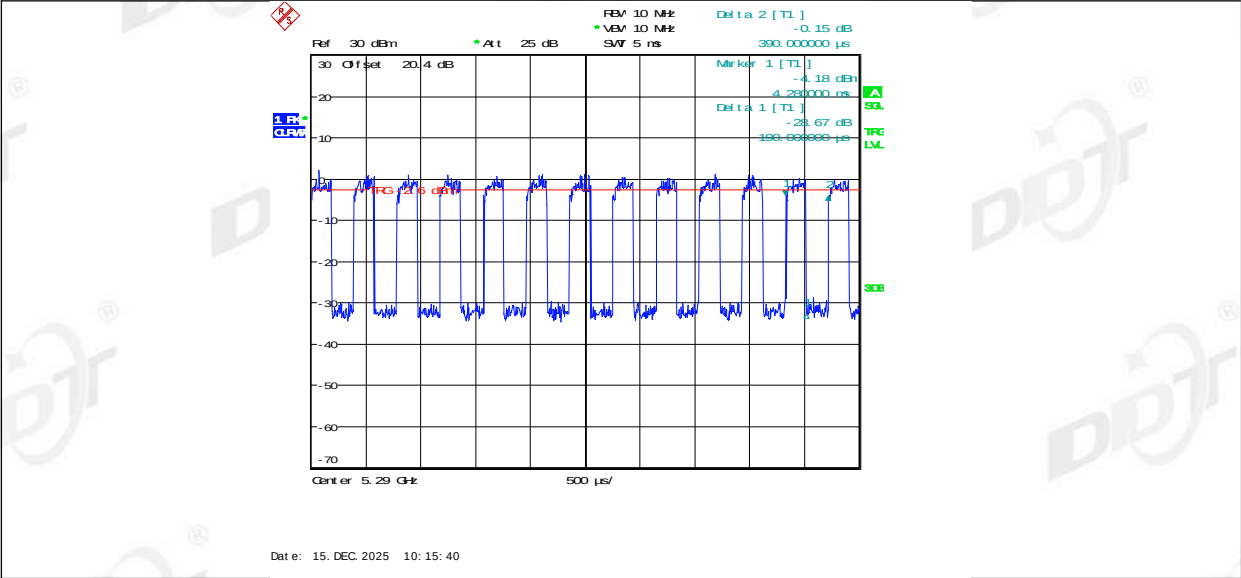
11AC80MIMO_Ant1_5210



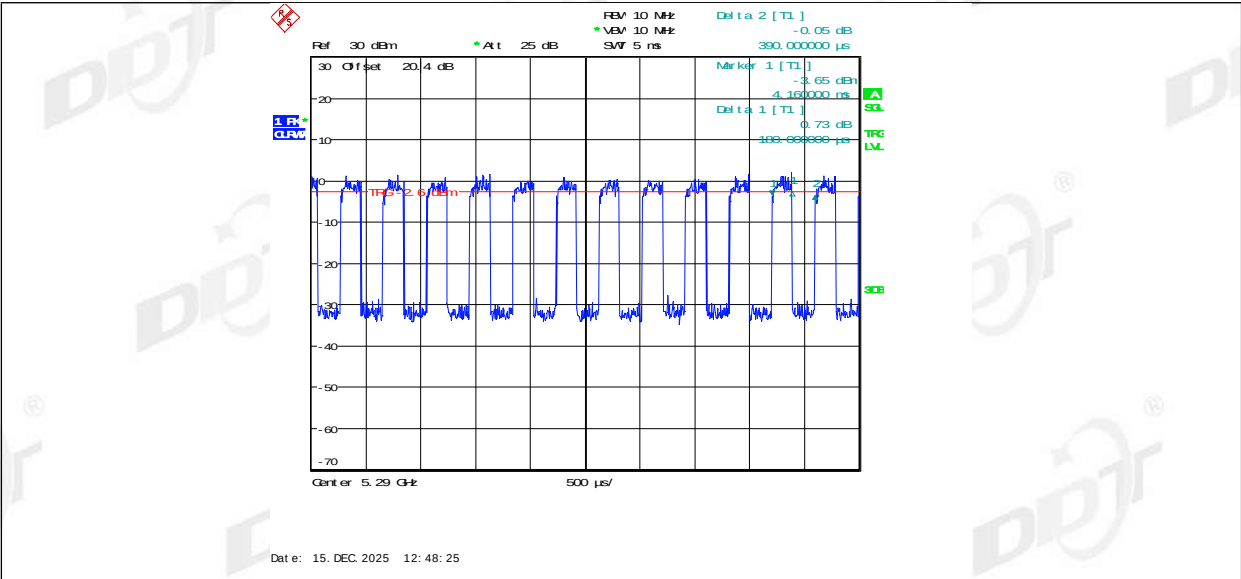
11AC80MIMO_Ant2_5210



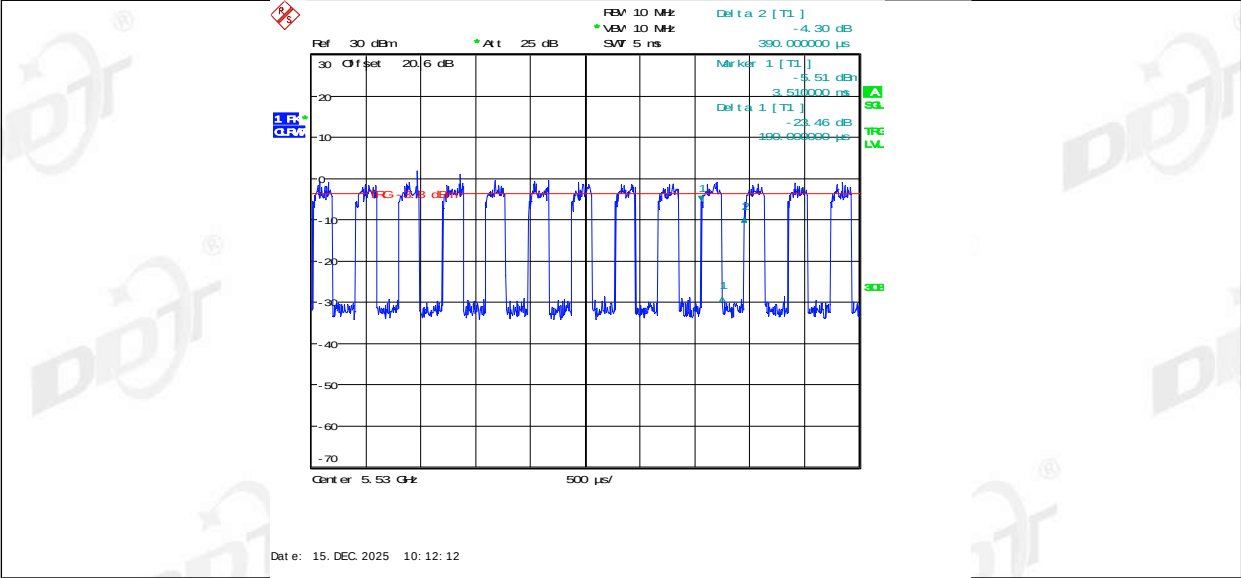
11AC80MIMO_Ant1_5290



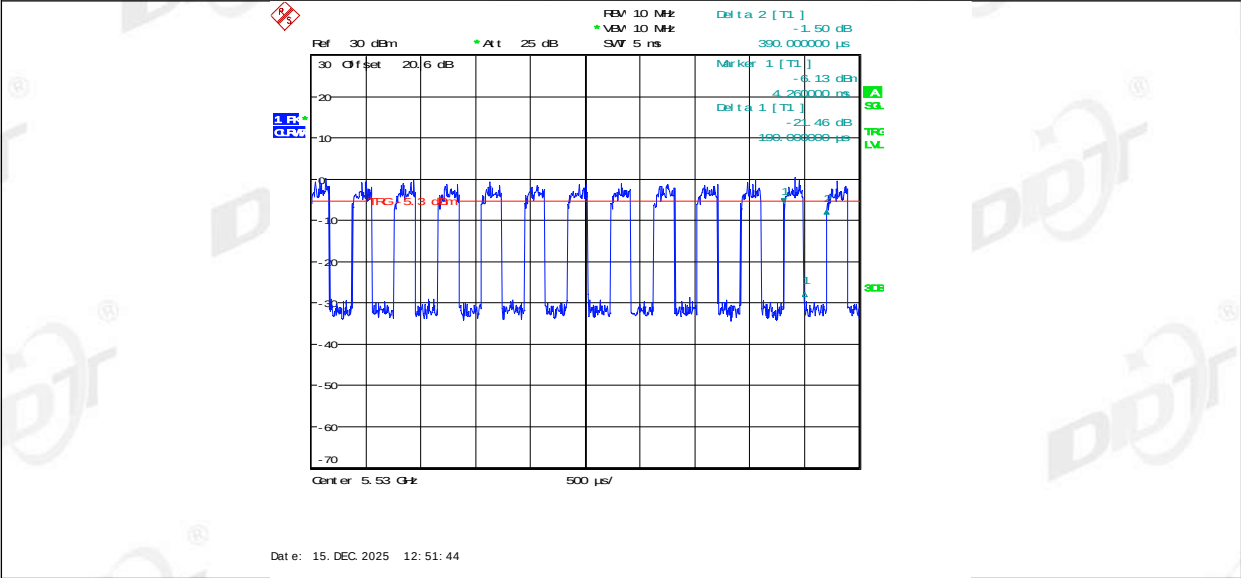
11AC80MIMO_Ant2_5290



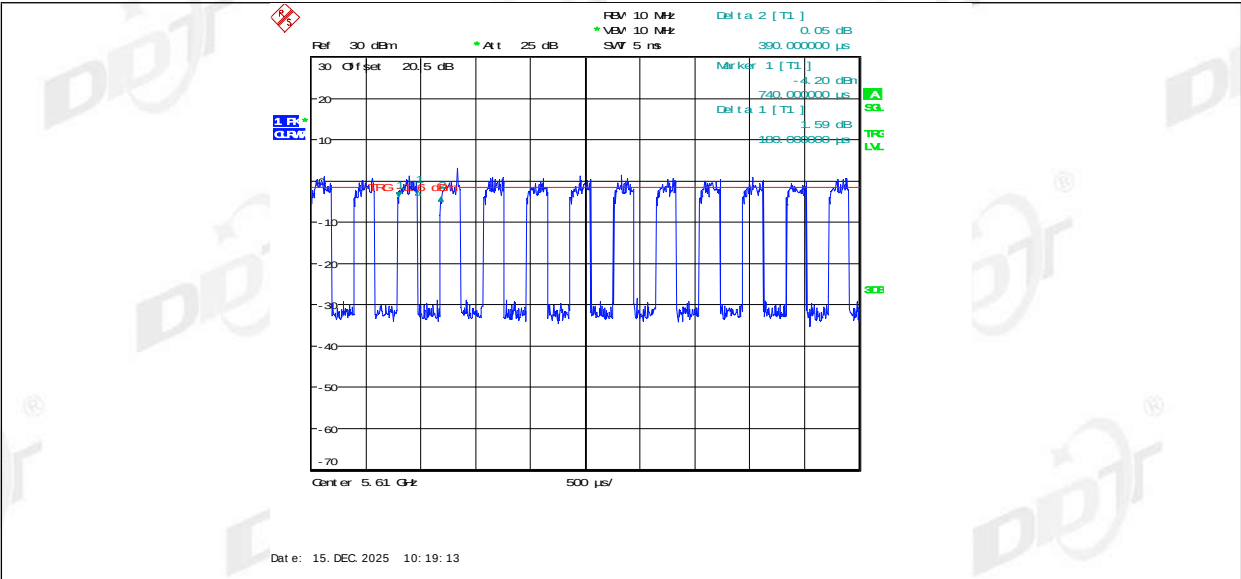
11AC80MIMO_Ant1_5530



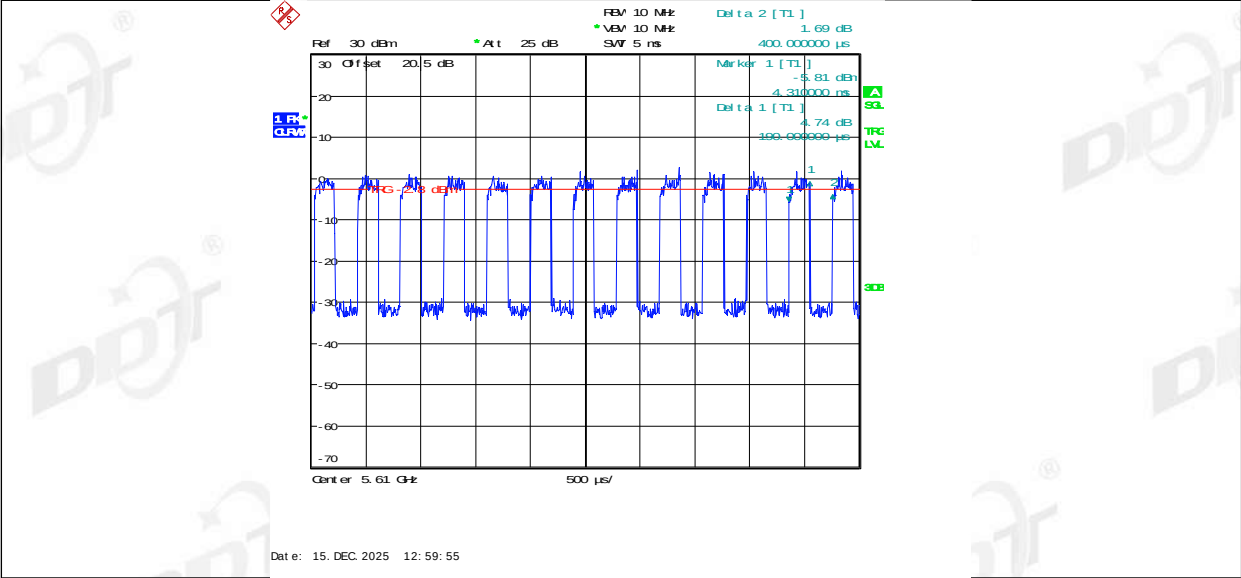
11AC80MIMO_Ant2_5530



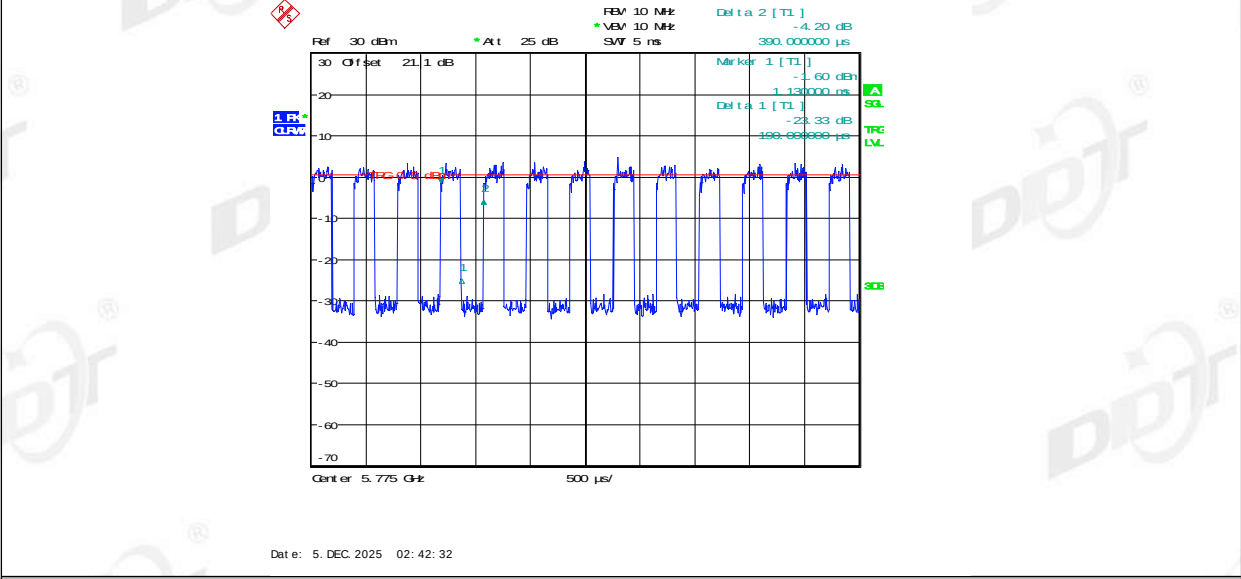
11AC80MIMO_Ant1_5610



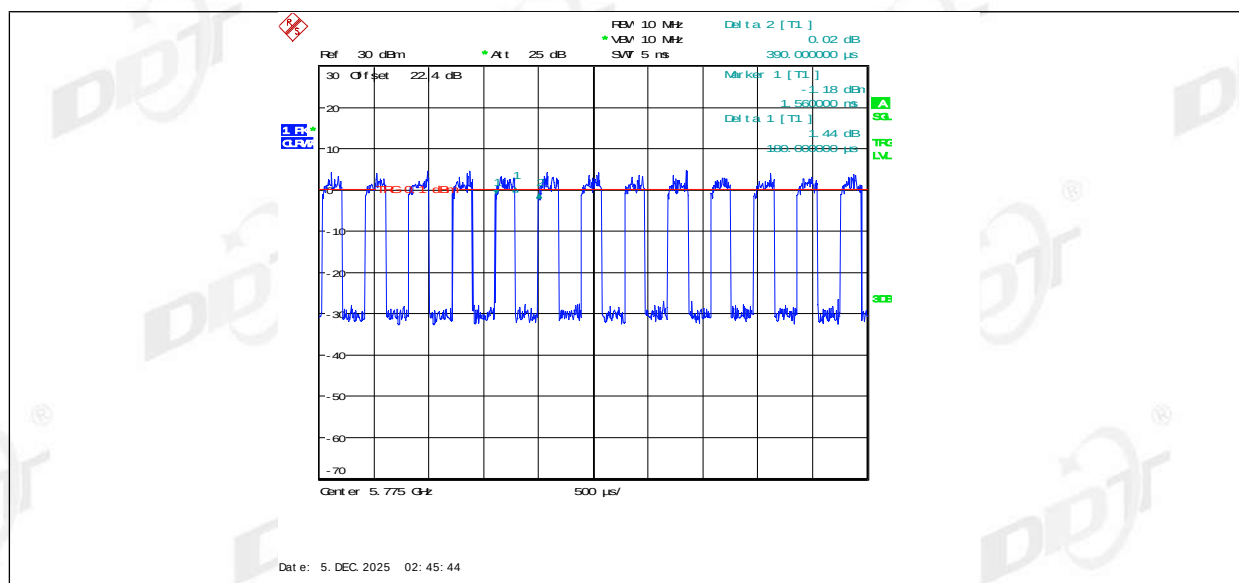
11AC80MIMO_Ant2_5610



11AC80MIMO_Ant1_5775

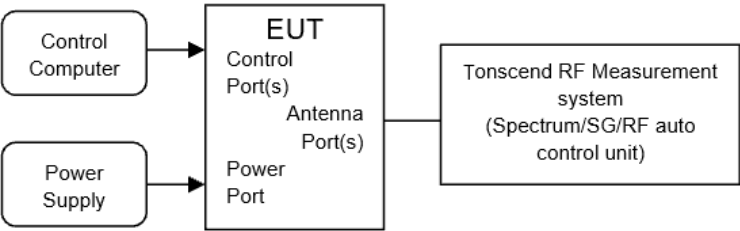


11AC80MIMO_Ant2_5775



8. Maximum Output Power

8.1. Block diagram of test setup



8.2. Limits

FCC Part15, Subpart E		
Test Item	Limit	Frequency Range (MHz)
Maximum Output Power	outdoor access point: 1 W(30 dBm) indoor access point: 1 W(30 dBm) fixed point-to-point access points1 W(30 dBm) client devices: 250 mW (23.98 dBm)	5150-5250
	250 mW (23.98 dBm) or 11 + 10 log ₁₀ B	5250-5350
	250 mW (23.98 dBm) or 11 + 10 log ₁₀ B	5470 - 5725
	1 Watt (30 dBm)	5725-5850
Note 1: B=26 bandwidth		
Note 2: If transmitting antennas of directional gain greater than 6 dBi are used, the average output power shall be reduced by the amount in dB that the directional gain of the antenna exceeds 6 dBi, but for fixed point-to-point transmitters operating in 5150-5250MHz band that employ a directional antenna gain greater than 23 dBi, a 1 dB reduction in maximum conducted output power and operating in 5725-5850 band may employ transmitting antennas with directional gain greater than 6 dBi without any corresponding reduction in transmitter conducted power.		

8.3. Test procedure

Connect each EUT’s antenna output to power sensor by RF cable and attenuator
Measure the output power of each antenna port by power sensor.

8.4. Test result channel power

Test Engineer:	Wayne Huang	Test Site:	RF Measurement System 1#
Ambient Condition:	24.9℃,46.1%RH	Test Date:	2025.12.01-2025.12.17
Test Power Supply:	PoE Input 24V,0.5A	Sample Number:	S25092317-001

Test Mode	Ant.	TPC	Freq [MHz]	Duty Cycle [%]	DC Factor [dB]	Result [dBm]	FCC Limit [dBm]	EIRP [dBm]	Verdict
11A	Ant1	N/A	5180	87.58	0.58	4.75	≤16.74	24.01	PASS
	Ant2	N/A	5180	95.89	0.18	4.26	≤16.74	22.92	PASS
	Ant1	N/A	5200	87.04	0.6	4.81	≤16.74	24.07	PASS
	Ant2	N/A	5200	95.21	0.21	4.29	≤16.74	22.95	PASS
	Ant1	N/A	5240	86.96	0.61	4.17	≤16.74	23.43	PASS
	Ant2	N/A	5240	95.89	0.18	4.07	≤16.74	22.73	PASS
	Ant1	TPC-L	5260	87.04	0.6	-3.37	≤10.72	15.89	PASS
		TPC-H		86.96	0.61	4.03	≤10.72	23.29	PASS
	Ant2	TPC-L	5260	95.24	0.21	-4.11	≤10.72	14.55	PASS
		TPC-H		95.24	0.21	4.05	≤10.72	22.71	PASS
	Ant1	TPC-L	5280	86.96	0.61	-3.43	≤10.72	15.83	PASS
		TPC-H		86.96	0.61	3.79	≤10.72	23.05	PASS
	Ant2	TPC-L	5280	95.89	0.18	-3.78	≤10.72	14.88	PASS
		TPC-H		95.89	0.18	4.37	≤10.72	23.03	PASS
	Ant1	TPC-L	5320	86.96	0.61	-3.45	≤10.72	15.81	PASS
		TPC-H		86.96	0.61	2.84	≤10.72	22.1	PASS
	Ant2	TPC-L	5320	95.92	0.18	-2.89	≤10.72	15.77	PASS
		TPC-H		95.92	0.18	5.34	≤10.72	24	PASS
	Ant1	TPC-L	5500	86.96	0.61	-5.34	≤10.72	13.92	PASS
		TPC-H		86.96	0.61	2.5	≤10.72	21.76	PASS
	Ant2	TPC-L	5500	95.24	0.21	-5.92	≤10.72	12.74	PASS
		TPC-H		95.24	0.21	2.77	≤10.72	21.43	PASS
	Ant1	TPC-L	5580	87.04	0.6	-3.63	≤10.72	15.63	PASS
		TPC-H		87.04	0.6	2.87	≤10.72	22.13	PASS
	Ant2	TPC-L	5580	95.92	0.18	-4.11	≤10.72	14.55	PASS
		TPC-H		95.92	0.18	4.36	≤10.72	23.02	PASS
	Ant1	TPC-L	5700	86.96	0.61	-3.68	≤10.72	15.58	PASS
		TPC-H		86.96	0.61	3.35	≤10.72	22.61	PASS
	Ant2	TPC-L	5700	95.92	0.18	-4.32	≤10.72	14.34	PASS
		TPC-H		95.92	0.18	4.42	≤10.72	23.08	PASS
	Ant1	N/A	5745	86.96	0.61	6.67	≤16.74	25.93	PASS
	Ant2	N/A	5745	95.89	0.18	5.97	≤16.74	24.63	PASS
	Ant1	N/A	5785	86.96	0.61	7.15	≤16.74	26.41	PASS
	Ant2	N/A	5785	95.92	0.18	5.99	≤16.74	24.65	PASS
	Ant1	N/A	5825	86.96	0.61	8.74	≤16.74	28	PASS
	Ant2	N/A	5825	95.92	0.18	9.35	≤16.74	28.01	PASS
11N20	Ant1	N/A	5180	76.4	1.17	0.68	≤16.74	19.94	PASS

MIMO	Ant2	N/A	5180	76.4	1.17	-0.45	≤16.74	18.21	PASS
	total	N/A	5180	---	---	3.16	≤16.74	22.42	PASS
	Ant1	N/A	5200	76.4	1.17	1.25	≤16.74	20.51	PASS
	Ant2	N/A	5200	76.4	1.17	0.07	≤16.74	18.73	PASS
	total	N/A	5200	---	---	3.71	≤16.74	22.97	PASS
	Ant1	N/A	5240	77.27	1.12	0.71	≤16.74	19.97	PASS
	Ant2	N/A	5240	76.4	1.17	-0.03	≤16.74	18.63	PASS
	total	N/A	5240	---	---	3.37	≤16.74	22.63	PASS
	Ant1	TPC-L	5260	76.4	1.17	-7.17	≤10.72	12.09	PASS
		TPC-H		76.4	1.17	0.61	≤10.72	19.87	PASS
	Ant2	TPC-L	5260	77.27	1.12	-7	≤10.72	11.66	PASS
		TPC-H		77.27	1.12	-0.16	≤10.72	18.5	PASS
	total	TPC-L	5260	---	---	-4.07	≤10.72	15.19	PASS
		TPC-H		---	---	3.25	≤10.72	22.51	PASS
	Ant1	TPC-L	5280	76.4	1.17	-6.87	≤10.72	12.39	PASS
		TPC-H		76.4	1.17	0.32	≤10.72	19.58	PASS
	Ant2	TPC-L	5280	76.4	1.17	-7.06	≤10.72	11.6	PASS
		TPC-H		76.4	1.17	0.13	≤10.72	18.79	PASS
	total	TPC-L	5280	---	---	-3.95	≤10.72	15.31	PASS
		TPC-H		---	---	3.24	≤10.72	22.5	PASS
	Ant1	TPC-L	5320	76.4	1.17	-7.33	≤10.72	11.93	PASS
		TPC-H		76.4	1.17	-0.61	≤10.72	18.65	PASS
	Ant2	TPC-L	5320	76.4	1.17	-6.22	≤10.72	12.44	PASS
		TPC-H		76.4	1.17	1.24	≤10.72	19.9	PASS
	total	TPC-L	5320	---	---	-3.73	≤10.72	15.53	PASS
		TPC-H		---	---	3.42	≤10.72	22.68	PASS
	Ant1	TPC-L	5500	76.4	1.17	-8.82	≤10.72	10.44	PASS
		TPC-H		76.4	1.17	-1.24	≤10.72	18.02	PASS
	Ant2	TPC-L	5500	77.27	1.12	-8.87	≤10.72	9.79	PASS
		TPC-H		77.27	1.12	-2.06	≤10.72	16.6	PASS
	total	TPC-L	5500	---	---	-5.83	≤10.72	13.43	PASS
		TPC-H		---	---	1.38	≤10.72	20.64	PASS
	Ant1	TPC-L	5580	76.4	1.17	-7.12	≤10.72	12.14	PASS
		TPC-H		76.4	1.17	-1.02	≤10.72	18.24	PASS
	Ant2	TPC-L	5580	76.4	1.17	-7.13	≤10.72	11.53	PASS
		TPC-H		76.4	1.17	-0.06	≤10.72	18.6	PASS
	total	TPC-L	5580	---	---	-4.11	≤10.72	15.15	PASS
		TPC-H		---	---	2.5	≤10.72	21.76	PASS
	Ant1	TPC-L	5700	76.4	1.17	-7.23	≤10.72	12.03	PASS
		TPC-H		76.4	1.17	1.9	≤10.72	21.16	PASS
	Ant2	TPC-L	5700	76.4	1.17	-7.49	≤10.72	11.17	PASS
		TPC-H		76.4	1.17	2.28	≤10.72	20.94	PASS
	total	TPC-L	5700	---	---	-4.35	≤10.72	14.91	PASS
		TPC-H		---	---	5.1	≤10.72	24.36	PASS

11N40 MIMO	Ant1	N/A	5745	76.4	1.17	3.29	≤16.74	22.55	PASS
	Ant2	N/A	5745	76.4	1.17	3.07	≤16.74	21.73	PASS
	total	N/A	5745	---	---	6.19	≤16.74	25.45	PASS
	Ant1	N/A	5785	76.4	1.17	4.22	≤16.74	23.48	PASS
	Ant2	N/A	5785	76.4	1.17	3.13	≤16.74	21.79	PASS
	total	N/A	5785	---	---	6.72	≤16.74	25.98	PASS
	Ant1	N/A	5825	76.4	1.17	5.56	≤16.74	24.82	PASS
	Ant2	N/A	5825	76.4	1.17	5.63	≤16.74	24.29	PASS
	total	N/A	5825	---	---	8.61	≤16.74	27.87	PASS
	Ant1	N/A	5190	62.5	2.04	1.01	≤16.74	20.27	PASS
	Ant2	N/A	5190	62.5	2.04	-0.47	≤16.74	18.19	PASS
	total	N/A	5190	---	---	3.34	≤16.74	22.6	PASS
	Ant1	N/A	5230	62.5	2.04	1.1	≤16.74	20.36	PASS
	Ant2	N/A	5230	62.5	2.04	0.29	≤16.74	18.95	PASS
	total	N/A	5230	---	---	3.72	≤16.74	22.98	PASS
	Ant1	TPC-L	5270	62.5	2.04	-11.37	≤10.72	7.89	PASS
		TPC-H		62.5	2.04	-3.82	≤10.72	15.44	PASS
	Ant2	TPC-L	5270	62.5	2.04	-11.67	≤10.72	6.99	PASS
		TPC-H		62.5	2.04	-4.15	≤10.72	14.51	PASS
	total	TPC-L	5270	---	---	-8.51	≤10.72	10.75	PASS
		TPC-H		---	---	-0.97	≤10.72	18.29	PASS
	Ant1	TPC-L	5310	62.5	2.04	-11.18	≤10.72	8.08	PASS
		TPC-H		62.5	2.04	-4.77	≤10.72	14.49	PASS
	Ant2	TPC-L	5310	62.5	2.04	-10.73	≤10.72	7.93	PASS
		TPC-H		62.5	2.04	-3.32	≤10.72	15.34	PASS
	total	TPC-L	5310	---	---	-7.94	≤10.72	11.32	PASS
		TPC-H		---	---	-0.97	≤10.72	18.29	PASS
	Ant1	TPC-L	5510	62.5	2.04	-12.31	≤10.72	6.95	PASS
		TPC-H		62.5	2.04	-4.91	≤10.72	14.35	PASS
	Ant2	TPC-L	5510	62.5	2.04	-12.47	≤10.72	6.19	PASS
		TPC-H		62.5	2.04	-5.53	≤10.72	13.13	PASS
	total	TPC-L	5510	---	---	-9.38	≤10.72	9.88	PASS
		TPC-H		---	---	-2.2	≤10.72	17.06	PASS
	Ant1	TPC-L	5550	62.5	2.04	-11.99	≤10.72	7.27	PASS
		TPC-H		62.5	2.04	-5.18	≤10.72	14.08	PASS
	Ant2	TPC-L	5550	63.64	1.96	-12.12	≤10.72	6.54	PASS
		TPC-H		63.64	1.96	-4.43	≤10.72	14.23	PASS
	total	TPC-L	5550	---	---	-9.04	≤10.72	10.22	PASS
		TPC-H		---	---	-1.78	≤10.72	17.48	PASS
	Ant1	TPC-L	5670	62.5	2.04	-9.75	≤10.72	9.51	PASS
		TPC-H		62.5	2.04	-4.57	≤10.72	14.69	PASS
	Ant2	TPC-L	5670	62.5	2.04	-9.81	≤10.72	8.85	PASS
		TPC-H		62.5	2.04	-3.06	≤10.72	15.6	PASS
	total	TPC-L	5670	---	---	-6.77	≤10.72	12.49	PASS

		TPC-H		---	---	-0.74	≤10.72	18.52	PASS
	Ant1	N/A	5755	62.5	2.04	3.08	≤16.74	22.34	PASS
	Ant2	N/A	5755	63.64	1.96	2.24	≤16.74	20.9	PASS
	total	N/A	5755	---	---	5.69	≤16.74	24.95	PASS
	Ant1	N/A	5795	62.5	2.04	3.37	≤16.74	22.63	PASS
	Ant2	N/A	5795	63.64	1.96	2.4	≤16.74	21.06	PASS
	total	N/A	5795	---	---	5.92	≤16.74	25.18	PASS
11AC20 MIMO	Ant1	N/A	5180	76.67	1.15	1.48	≤16.74	20.74	PASS
	Ant2	N/A	5180	76.4	1.17	1.12	≤16.74	19.78	PASS
	total	N/A	5180	---	---	4.31	≤16.74	23.57	PASS
	Ant1	N/A	5200	76.67	1.15	3.34	≤16.74	22.6	PASS
	Ant2	N/A	5200	76.67	1.15	3.2	≤16.74	21.86	PASS
	total	N/A	5200	---	---	6.28	≤16.74	25.54	PASS
	Ant1	N/A	5240	76.67	1.15	0.3	≤16.74	19.56	PASS
	Ant2	N/A	5240	76.4	1.17	0.3	≤16.74	18.96	PASS
	total	N/A	5240	---	---	3.31	≤16.74	22.57	PASS
	Ant1	TPC-L	5260	76.4	1.17	-8.77	≤10.72	10.49	PASS
		TPC-H		76.4	1.17	0.03	≤10.72	19.29	PASS
	Ant2	TPC-L	5260	76.67	1.15	-7.33	≤10.72	11.33	PASS
		TPC-H		76.67	1.15	0.99	≤10.72	19.65	PASS
	total	TPC-L	5260	---	---	-4.98	≤10.72	14.28	PASS
		TPC-H		---	---	3.55	≤10.72	22.81	PASS
	Ant1	TPC-L	5280	77.53	1.11	-8.42	≤10.72	10.84	PASS
		TPC-H		77.53	1.11	0.16	≤10.72	19.42	PASS
	Ant2	TPC-L	5280	76.4	1.17	-7.02	≤10.72	11.64	PASS
		TPC-H		76.4	1.17	1.37	≤10.72	20.03	PASS
	total	TPC-L	5280	---	---	-4.65	≤10.72	14.61	PASS
		TPC-H		---	---	3.82	≤10.72	23.08	PASS
	Ant1	TPC-L	5320	77.53	1.11	-8.59	≤10.72	10.67	PASS
		TPC-H		77.53	1.11	-0.64	≤10.72	18.62	PASS
	Ant2	TPC-L	5320	76.4	1.17	-6.26	≤10.72	12.4	PASS
		TPC-H		76.4	1.17	2.34	≤10.72	21	PASS
	total	TPC-L	5320	---	---	-4.26	≤10.72	15	PASS
		TPC-H		---	---	4.11	≤10.72	23.37	PASS
	Ant1	TPC-L	5500	77.53	1.11	-10.25	≤10.72	9.01	PASS
		TPC-H		77.53	1.11	-1.19	≤10.72	18.07	PASS
	Ant2	TPC-L	5500	76.4	1.17	-8.86	≤10.72	9.8	PASS
		TPC-H		76.4	1.17	-0.81	≤10.72	17.85	PASS
	total	TPC-L	5500	---	---	-6.49	≤10.72	12.77	PASS
		TPC-H		---	---	2.01	≤10.72	21.27	PASS
	Ant1	TPC-L	5580	77.53	1.11	-8.98	≤10.72	10.28	PASS
		TPC-H		77.53	1.11	-1.24	≤10.72	18.02	PASS
	Ant2	TPC-L	5580	76.4	1.17	-7.5	≤10.72	11.16	PASS
		TPC-H		76.4	1.17	0.08	≤10.72	18.74	PASS

11AC40 MIMO	total	TPC-L	5580	---	---	-5.17	≤ 10.72	14.09	PASS
		TPC-H		---	---	2.48	≤ 10.72	21.74	PASS
	Ant1	TPC-L	5700	76.4	1.17	-8.71	≤ 10.72	10.55	PASS
		TPC-H		76.4	1.17	-1.2	≤ 10.72	18.06	PASS
	Ant2	TPC-L	5700	76.4	1.17	-7.51	≤ 10.72	11.15	PASS
		TPC-H		76.4	1.17	0.02	≤ 10.72	18.68	PASS
	total	TPC-L	5700	---	---	-5.06	≤ 10.72	14.2	PASS
		TPC-H		---	---	2.46	≤ 10.72	21.72	PASS
	Ant1	N/A	5745	76.67	1.15	3.16	≤ 16.74	22.42	PASS
	Ant2	N/A	5745	77.53	1.11	3.54	≤ 16.74	22.2	PASS
	total	N/A	5745	---	---	6.36	≤ 16.74	25.62	PASS
	Ant1	N/A	5785	77.53	1.11	3.36	≤ 16.74	22.62	PASS
	Ant2	N/A	5785	76.4	1.17	3.68	≤ 16.74	22.34	PASS
	total	N/A	5785	---	---	6.53	≤ 16.74	25.79	PASS
	Ant1	N/A	5825	76.4	1.17	4.71	≤ 16.74	23.97	PASS
	Ant2	N/A	5825	77.53	1.11	5.96	≤ 16.74	24.62	PASS
	total	N/A	5825	---	---	8.39	≤ 16.74	27.65	PASS
	Ant1	N/A	5190	63.64	1.96	1.24	≤ 16.74	20.5	PASS
	Ant2	N/A	5190	62.5	2.04	1.19	≤ 16.74	19.85	PASS
	total	N/A	5190	---	---	4.23	≤ 16.74	23.49	PASS
	Ant1	N/A	5230	62.5	2.04	0.7	≤ 16.74	19.96	PASS
	Ant2	N/A	5230	62.5	2.04	0.51	≤ 16.74	19.17	PASS
	total	N/A	5230	---	---	3.62	≤ 16.74	22.88	PASS
	Ant1	TPC-L	5270	64.29	1.92	-13.68	≤ 10.72	5.58	PASS
		TPC-H		64.29	1.92	-4.19	≤ 10.72	15.07	PASS
	Ant2	TPC-L	5270	62.5	2.04	-11.65	≤ 10.72	7.01	PASS
		TPC-H		62.5	2.04	-3.21	≤ 10.72	15.45	PASS
	total	TPC-L	5270	---	---	-9.54	≤ 10.72	9.72	PASS
		TPC-H		---	---	-0.66	≤ 10.72	18.6	PASS
	Ant1	TPC-L	5310	62.5	2.04	-13.45	≤ 10.72	5.81	PASS
		TPC-H		62.5	2.04	-4.87	≤ 10.72	14.39	PASS
	Ant2	TPC-L	5310	63.64	1.96	-10.87	≤ 10.72	7.79	PASS
		TPC-H		63.64	1.96	-2.15	≤ 10.72	16.51	PASS
	total	TPC-L	5310	---	---	-8.96	≤ 10.72	10.3	PASS
		TPC-H		---	---	-0.29	≤ 10.72	18.97	PASS
	Ant1	TPC-L	5510	62.5	2.04	-11.86	≤ 10.72	7.4	PASS
		TPC-H		62.5	2.04	-5.47	≤ 10.72	13.79	PASS
	Ant2	TPC-L	5510	64.29	1.92	-12.52	≤ 10.72	6.14	PASS
		TPC-H		64.29	1.92	-4.88	≤ 10.72	13.78	PASS
	total	TPC-L	5510	---	---	-9.17	≤ 10.72	10.09	PASS
		TPC-H		---	---	-2.15	≤ 10.72	17.11	PASS
	Ant1	TPC-L	5550	62.5	2.04	-11.59	≤ 10.72	7.67	PASS
		TPC-H		62.5	2.04	-5.43	≤ 10.72	13.83	PASS
	Ant2	TPC-L	5550	62.5	2.04	-12.04	≤ 10.72	6.62	PASS

		TPC-H		62.5	2.04	-3.49	≤10.72	15.17	PASS
	total	TPC-L	5550	---	---	-8.8	≤10.72	10.46	PASS
		TPC-H		---	---	-1.34	≤10.72	17.92	PASS
	Ant1	TPC-L	5670	62.5	2.04	-11.67	≤10.72	7.59	PASS
		TPC-H		62.5	2.04	-4.81	≤10.72	14.45	PASS
	Ant2	TPC-L	5670	62.5	2.04	-9.81	≤10.72	8.85	PASS
		TPC-H		62.5	2.04	-2.2	≤10.72	16.46	PASS
	total	TPC-L	5670	---	---	-7.63	≤10.72	11.63	PASS
		TPC-H		---	---	-0.3	≤10.72	18.96	PASS
	Ant1	N/A	5755	62.5	2.04	3.4	≤16.74	22.66	PASS
	Ant2	N/A	5755	62.5	2.04	3.78	≤16.74	22.44	PASS
	total	N/A	5755	---	---	6.6	≤16.74	25.86	PASS
	Ant1	N/A	5795	62.5	2.04	3.6	≤16.74	22.86	PASS
	Ant2	N/A	5795	62.5	2.04	3.78	≤16.74	22.44	PASS
	total	N/A	5795	---	---	6.7	≤16.74	25.96	PASS
11AC80 MIMO	Ant1	N/A	5210	48.72	3.12	0.44	≤16.74	19.7	PASS
	Ant2	N/A	5210	48.72	3.12	0.8	≤16.74	19.46	PASS
	total	N/A	5210	---	---	3.63	≤16.74	22.89	PASS
	Ant1	TPC-L	5290	48.72	3.12	-7.01	≤10.72	12.25	PASS
		TPC-H		48.72	3.12	1.66	≤10.72	20.92	PASS
	Ant2	TPC-L	5290	46.15	3.36	-6.67	≤10.72	11.99	PASS
		TPC-H		46.15	3.36	2.03	≤10.72	20.69	PASS
	total	TPC-L	5290	---	---	-3.83	≤10.72	15.43	PASS
		TPC-H		---	---	4.86	≤10.72	24.12	PASS
	Ant1	TPC-L	5530	48.72	3.12	-8.74	≤10.72	10.52	PASS
		TPC-H		48.72	3.12	-0.07	≤10.72	19.19	PASS
	Ant2	TPC-L	5530	48.72	3.12	-8.63	≤10.72	10.03	PASS
		TPC-H		48.72	3.12	-0.29	≤10.72	18.37	PASS
	total	TPC-L	5530	---	---	-5.67	≤10.72	13.59	PASS
		TPC-H		---	---	2.83	≤10.72	22.09	PASS
	Ant1	TPC-L	5610	46.15	3.36	-6.77	≤10.72	12.49	PASS
		TPC-H		46.15	3.36	1.92	≤10.72	21.18	PASS
	Ant2	TPC-L	5610	47.5	3.23	-6.87	≤10.72	11.79	PASS
		TPC-H		47.5	3.23	1.85	≤10.72	20.51	PASS
	total	TPC-L	5610	---	---	-3.81	≤10.72	15.45	PASS
		TPC-H		---	---	4.9	≤10.72	24.16	PASS
	Ant1	N/A	5775	48.72	3.12	3.71	≤16.74	22.97	PASS
	Ant2	N/A	5775	46.15	3.36	3.98	≤16.74	22.64	PASS
	total	N/A	5775	---	---	6.86	≤16.74	26.12	PASS

Note1: EIRP (dBm)=Conducted Output Power (dBm)+ Antenna Gain (dBi)

Note2: Directional gain= $10 \cdot \log[(10^{G1/10} + 10^{G2/10} + \dots + 10^{GN/10})/N_{\text{ANT}}]$ =18.97dBi,

The limit and EIRP caculation for MIMO results refer to the stricter antenna gain 19.26dBi.

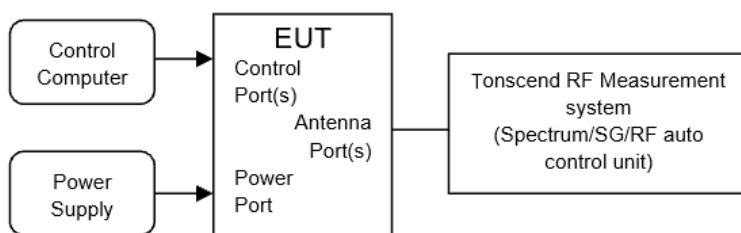
Limit: For UNII-1:30dBm-(19.26-6)= 16.74dBm,

For UNII-2A and UNII-2C:11 + 10 log10 (B)-(19.26-6)= 10.72dBm,

For UNII-3:30dBm-(19.26-6)= 16.74dBm.

9. Power Spectral Density

9.1. Block diagram of test setup



9.2. Limits

FCC Part15, Subpart E		
Test Item	Limit	Frequency Range (MHz)
Power Spectral Density	For FCC: Other than Mobile and portable:17 dBm/MHz Mobile and portable client devices:11 dBm/MHz	5150-5250
	11 dBm/MHz	5250-5350
	11 dBm/MHz	5470 - 5725
	30 dBm/500 kHz	5725-5850
Note: If transmitting antennas of directional gain greater than 6 dBi are used, the maximum power spectral density shall be reduced by the amount in dB that the directional gain of the antenna exceeds 6 dBi, but for fixed point-to-point transmitters operating in 5150-5250MHz band that employ a directional antenna gain greater than 23 dBi, a 1 dB reduction in maximum Power Spectral Density.		

9.3. Test procedure

The transmitter output was connected to a spectrum analyzer. Power density was measured by spectrum analyzer with 1MHz RBW and 3MHz VBW.

Connect the UUT to the spectrum analyser and use the following settings:

5150 MHz~5250 MHz, 5250 MHz~5350 MHz, 5470 MHz~5725 MHz

Center Frequency	The centre frequency of the channel under test
Detector	RMS
RBW	1MHz
VBW	$\geq 3 \times \text{RBW}$
Span	Encompass the entire emissions bandwidth (EBW) of the signal
Trace	Max hold
Sweep time	Auto

5725 MHz-5850 MHz

Center Frequency	The centre frequency of the channel under test
Detector	RMS
RBW	500 kHz

VBW	$\geq 3 \times \text{RBW}$
Span	Encompass the entire emissions bandwidth (EBW) of the signal
Trace	Max hold
Sweep time	Auto

9.4. Test result

Test Engineer:	Wayne Huang	Test Site:	RF Measurement System 1#
Ambient Condition:	24.9℃,46.1%RH	Test Date:	2025.12.01-2025.12.17
Test Power Supply:	PoE Input 24V,0.5A	Sample Number:	S25092317-001

Test Mode	Antenna	Freq. [MHz]	Result [dBm/MHz]	Limit [dBm/MHz]	EIRP [dBm/MHz]	Verdict
11A	Ant1	5180	-5.91	≤3.74	13.35	PASS
	Ant2	5180	-6.02	≤3.74	12.64	PASS
	Ant1	5200	-5.83	≤3.74	13.43	PASS
	Ant2	5200	-6.14	≤3.74	12.52	PASS
	Ant1	5240	-6.45	≤3.74	12.81	PASS
	Ant2	5240	-6.30	≤3.74	12.36	PASS
	Ant1	5260	-6.52	≤-2.26	12.74	PASS
	Ant2	5260	-6.01	≤-2.26	12.65	PASS
	Ant1	5280	-6.50	≤-2.26	12.76	PASS
	Ant2	5280	-5.54	≤-2.26	13.12	PASS
	Ant1	5320	-7.56	≤-2.26	11.70	PASS
	Ant2	5320	-4.75	≤-2.26	13.91	PASS
	Ant1	5500	-7.90	≤-2.26	11.36	PASS
	Ant2	5500	-7.55	≤-2.26	11.11	PASS
	Ant1	5580	-8.08	≤-2.26	11.18	PASS
	Ant2	5580	-5.99	≤-2.26	12.67	PASS
	Ant1	5700	-7.26	≤-2.26	12.00	PASS
	Ant2	5700	-6.19	≤-2.26	12.47	PASS
	Ant1	5745	-6.30	≤16.74	12.96	PASS
	Ant2	5745	-6.88	≤16.74	11.78	PASS
	Ant1	5785	-5.70	≤16.74	13.56	PASS
	Ant2	5785	-6.72	≤16.74	11.94	PASS
	Ant1	5825	-4.77	≤16.74	14.49	PASS
	Ant2	5825	-3.86	≤16.74	14.80	PASS
11N20MIMO	Ant1	5180	-8.95	≤3.74	10.31	PASS
	Ant2	5180	-10.26	≤3.74	8.40	PASS
	total	5180	-6.55	≤3.74	12.47	PASS
	Ant1	5200	-9.32	≤3.74	9.94	PASS
	Ant2	5200	-10.54	≤3.74	8.12	PASS
	total	5200	-6.88	≤3.74	12.13	PASS
	Ant1	5240	-9.64	≤3.74	9.62	PASS
	Ant2	5240	-10.62	≤3.74	8.04	PASS
	total	5240	-7.09	≤3.74	11.91	PASS
	Ant1	5260	-9.91	≤-2.26	9.35	PASS
	Ant2	5260	-10.52	≤-2.26	8.14	PASS
	total	5260	-7.19	≤-2.26	11.80	PASS
	Ant1	5280	-10.14	≤-2.26	9.12	PASS
	Ant2	5280	-10.02	≤-2.26	8.64	PASS
	total	5280	-7.07	≤-2.26	11.90	PASS
	Ant1	5320	-10.94	≤-2.26	8.32	PASS
	Ant2	5320	-8.83	≤-2.26	9.83	PASS
	total	5320	-6.75	≤-2.26	12.15	PASS
	Ant1	5500	-11.64	≤-2.26	7.62	PASS
	Ant2	5500	-12.49	≤-2.26	6.17	PASS
	total	5500	-9.03	≤-2.26	9.97	PASS
	Ant1	5580	-11.69	≤-2.26	7.57	PASS
	Ant2	5580	-10.04	≤-2.26	8.62	PASS
	total	5580	-7.78	≤-2.26	11.14	PASS
	Ant1	5700	-8.75	≤-2.26	10.51	PASS
	Ant2	5700	-8.40	≤-2.26	10.26	PASS
	total	5700	-5.56	≤-2.26	13.40	PASS
	Ant1	5745	-9.44	≤16.74	9.82	PASS
	Ant2	5745	-9.45	≤16.74	9.21	PASS
	total	5745	-6.43	≤16.74	12.54	PASS
	Ant1	5785	-9.10	≤16.74	10.16	PASS

	Ant2	5785	-9.65	≤ 16.74	9.01	PASS
	total	5785	-6.36	≤ 16.74	12.63	PASS
	Ant1	5825	-7.51	≤ 16.74	11.75	PASS
	Ant2	5825	-7.53	≤ 16.74	11.13	PASS
	total	5825	-4.51	≤ 16.74	14.46	PASS
11N40MIMO	Ant1	5190	-11.70	≤ 3.74	7.56	PASS
	Ant2	5190	-12.81	≤ 3.74	5.85	PASS
	total	5190	-9.21	≤ 3.74	9.80	PASS
	Ant1	5230	-12.33	≤ 3.74	6.93	PASS
	Ant2	5230	-12.78	≤ 3.74	5.88	PASS
	total	5230	-9.54	≤ 3.74	9.45	PASS
	Ant1	5270	-17.07	≤ -2.26	2.19	PASS
	Ant2	5270	-16.84	≤ -2.26	1.82	PASS
	total	5270	-13.94	≤ -2.26	5.02	PASS
	Ant1	5310	-18.10	≤ -2.26	1.16	PASS
	Ant2	5310	-15.94	≤ -2.26	2.72	PASS
	total	5310	-13.88	≤ -2.26	5.02	PASS
	Ant1	5510	-18.17	≤ -2.26	1.09	PASS
	Ant2	5510	-18.47	≤ -2.26	0.19	PASS
	total	5510	-15.31	≤ -2.26	3.67	PASS
	Ant1	5550	-18.12	≤ -2.26	1.14	PASS
	Ant2	5550	-17.16	≤ -2.26	1.50	PASS
	total	5550	-14.60	≤ -2.26	4.33	PASS
	Ant1	5670	-17.81	≤ -2.26	1.45	PASS
	Ant2	5670	-15.75	≤ -2.26	2.91	PASS
	total	5670	-13.65	≤ -2.26	5.25	PASS
	Ant1	5755	-12.69	≤ 16.74	6.57	PASS
	Ant2	5755	-13.56	≤ 16.74	5.10	PASS
	total	5755	-10.09	≤ 16.74	8.91	PASS
	Ant1	5795	-12.51	≤ 16.74	6.75	PASS
	Ant2	5795	-13.17	≤ 16.74	5.49	PASS
	total	5795	-9.82	≤ 16.74	9.18	PASS
11AC20MIMO	Ant1	5180	-8.62	≤ 3.74	10.64	PASS
	Ant2	5180	-8.42	≤ 3.74	10.24	PASS
	total	5180	-5.51	≤ 3.74	13.45	PASS
	Ant1	5200	-7.20	≤ 3.74	12.06	PASS
	Ant2	5200	-7.12	≤ 3.74	11.54	PASS
	total	5200	-4.15	≤ 3.74	14.82	PASS
	Ant1	5240	-10.03	≤ 3.74	9.23	PASS
	Ant2	5240	-9.71	≤ 3.74	8.95	PASS
	total	5240	-6.86	≤ 3.74	12.10	PASS
	Ant1	5260	-9.89	≤ -2.26	9.37	PASS
	Ant2	5260	-9.00	≤ -2.26	9.66	PASS
	total	5260	-6.41	≤ -2.26	12.53	PASS
	Ant1	5280	-10.08	≤ -2.26	9.18	PASS
	Ant2	5280	-7.99	≤ -2.26	10.67	PASS
	total	5280	-5.90	≤ -2.26	13.00	PASS
	Ant1	5320	-10.72	≤ -2.26	8.54	PASS
	Ant2	5320	-7.86	≤ -2.26	10.80	PASS
	total	5320	-6.05	≤ -2.26	12.83	PASS
	Ant1	5500	-11.27	≤ -2.26	7.99	PASS
	Ant2	5500	-10.10	≤ -2.26	8.56	PASS
	total	5500	-7.64	≤ -2.26	11.29	PASS
	Ant1	5580	-11.67	≤ -2.26	7.59	PASS
	Ant2	5580	-9.16	≤ -2.26	9.50	PASS
	total	5580	-7.23	≤ -2.26	11.66	PASS
	Ant1	5700	-11.27	≤ -2.26	7.99	PASS
	Ant2	5700	-10.05	≤ -2.26	8.61	PASS
	total	5700	-7.61	≤ -2.26	11.32	PASS
	Ant1	5745	-9.90	≤ 16.74	9.36	PASS
	Ant2	5745	-9.15	≤ 16.74	9.51	PASS
	total	5745	-6.50	≤ 16.74	12.45	PASS
	Ant1	5785	-9.51	≤ 16.74	9.75	PASS
	Ant2	5785	-9.43	≤ 16.74	9.23	PASS

	total	5785	-6.46	≤ 16.74	12.51	PASS
	Ant1	5825	-8.12	≤ 16.74	11.14	PASS
	Ant2	5825	-6.81	≤ 16.74	11.85	PASS
	total	5825	-4.41	≤ 16.74	14.52	PASS
11AC40MIMO	Ant1	5190	-10.79	≤ 3.74	8.47	PASS
	Ant2	5190	-10.87	≤ 3.74	7.79	PASS
	total	5190	-7.82	≤ 3.74	11.15	PASS
	Ant1	5230	-11.65	≤ 3.74	7.61	PASS
	Ant2	5230	-11.44	≤ 3.74	7.22	PASS
	total	5230	-8.53	≤ 3.74	10.43	PASS
	Ant1	5270	-16.81	≤ -2.26	2.45	PASS
	Ant2	5270	-15.78	≤ -2.26	2.88	PASS
	total	5270	-13.25	≤ -2.26	5.68	PASS
	Ant1	5310	-16.94	≤ -2.26	2.32	PASS
	Ant2	5310	-14.60	≤ -2.26	4.06	PASS
	total	5310	-12.60	≤ -2.26	6.29	PASS
	Ant1	5510	-17.87	≤ -2.26	1.39	PASS
	Ant2	5510	-16.67	≤ -2.26	1.99	PASS
	total	5510	-14.22	≤ -2.26	4.71	PASS
	Ant1	5550	-18.35	≤ -2.26	0.91	PASS
	Ant2	5550	-14.39	≤ -2.26	4.27	PASS
	total	5550	-12.92	≤ -2.26	5.92	PASS
	Ant1	5670	-17.34	≤ -2.26	1.92	PASS
	Ant2	5670	-14.90	≤ -2.26	3.76	PASS
	total	5670	-12.94	≤ -2.26	5.95	PASS
	Ant1	5755	-12.26	≤ 16.74	7.00	PASS
	Ant2	5755	-11.61	≤ 16.74	7.05	PASS
	total	5755	-8.91	≤ 16.74	10.04	PASS
	Ant1	5795	-11.41	≤ 16.74	7.85	PASS
	Ant2	5795	-10.11	≤ 16.74	8.55	PASS
	total	5795	-7.70	≤ 16.74	11.22	PASS
11AC80MIMO	Ant1	5210	-14.76	≤ 3.74	4.50	PASS
	Ant2	5210	-14.66	≤ 3.74	4.00	PASS
	total	5210	-11.70	≤ 3.74	7.27	PASS
	Ant1	5290	-13.10	≤ -2.26	6.16	PASS
	Ant2	5290	-13.49	≤ -2.26	5.17	PASS
	total	5290	-10.28	≤ -2.26	8.70	PASS
	Ant1	5530	-15.70	≤ -2.26	3.56	PASS
	Ant2	5530	-16.17	≤ -2.26	2.49	PASS
	total	5530	-12.92	≤ -2.26	6.07	PASS
	Ant1	5610	-14.11	≤ -2.26	5.15	PASS
	Ant2	5610	-14.16	≤ -2.26	4.50	PASS
	total	5610	-11.12	≤ -2.26	7.85	PASS
	Ant1	5775	-14.40	≤ 16.74	4.86	PASS
	Ant2	5775	-13.99	≤ 16.74	4.67	PASS
	total	5775	-11.18	≤ 16.74	7.78	PASS

Note1: 1.The Result and Limit Unit is dBm/500 kHz in the band 5.725–5.85 GHz.

2.The Duty Cycle Factor is compensated in the graph.

Note2: Directional gain= $10 \cdot \log[(10^{G1/10} + 10^{G2/10} + \dots + 10^{GN/10})/N_{ANT}] = 18.97\text{dBi}$,
The limit and EIRP caculation for MIMO results refer to the stricter antenna gain 19.26dBi.

Limit:

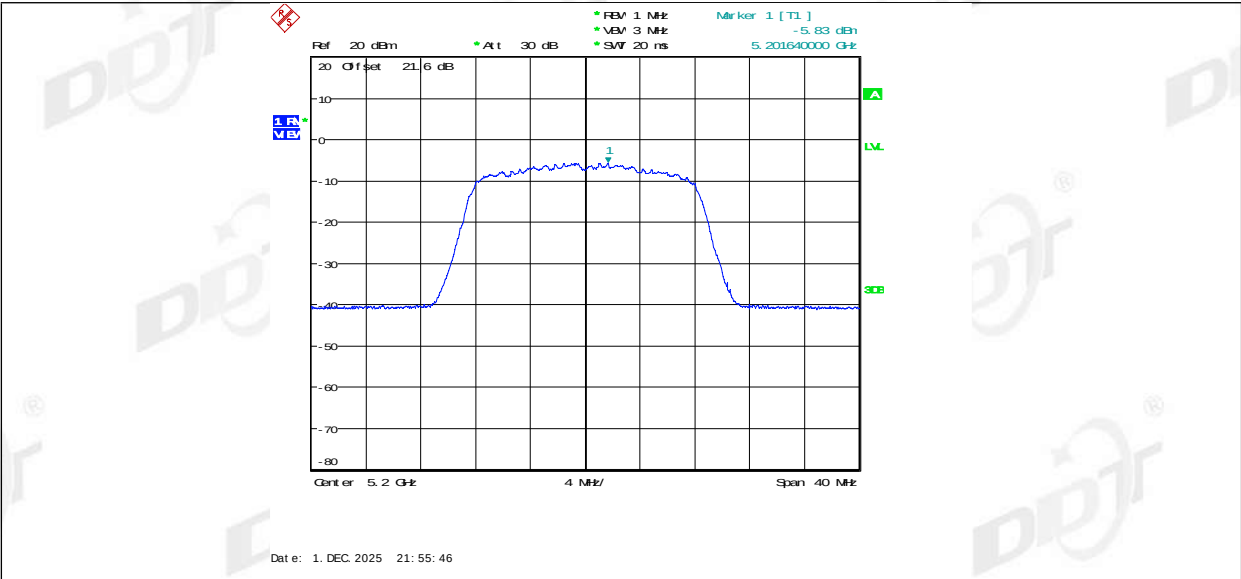
For UNII-1: $17\text{dBm} - (19.26 - 6) = 3.74\text{dBm}$,

For UNII-2A and UNII-2C: $11 - (19.26 - 6) = -2.26\text{dBm}$,

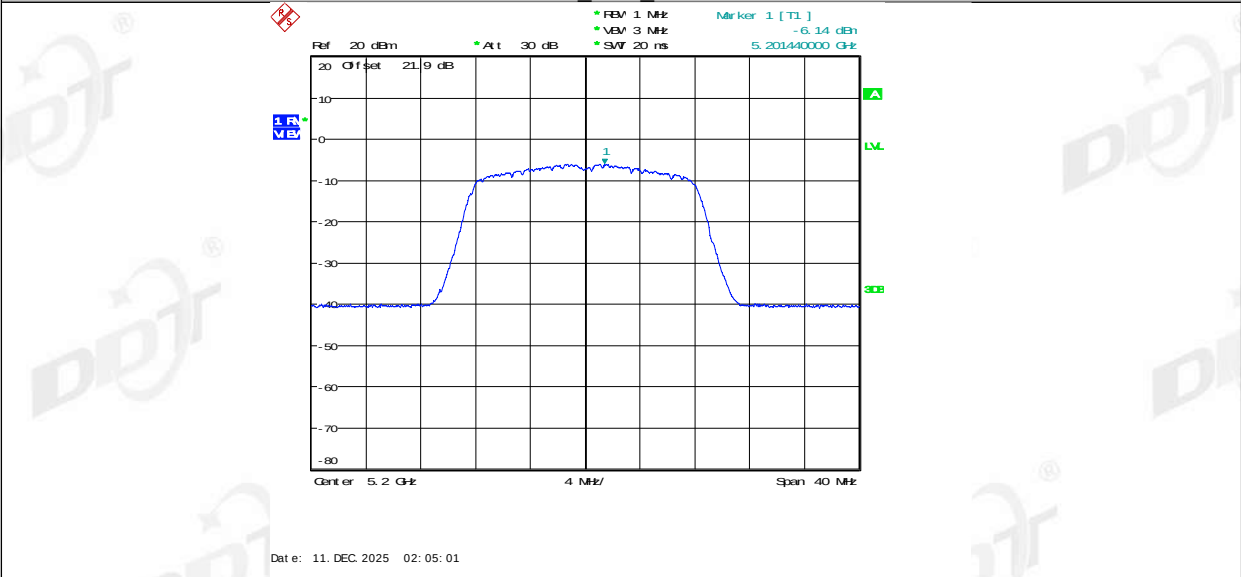
For UNII-3: $30\text{dBm} - (19.26 - 6) = 16.74\text{dBm}$.

9.5. Test graphs

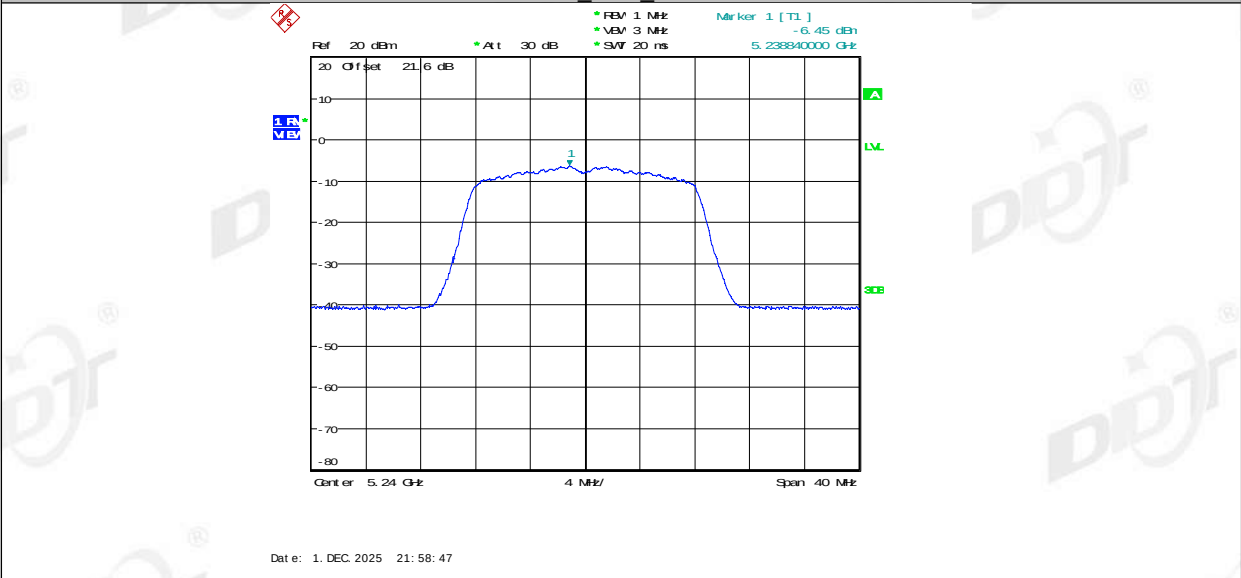




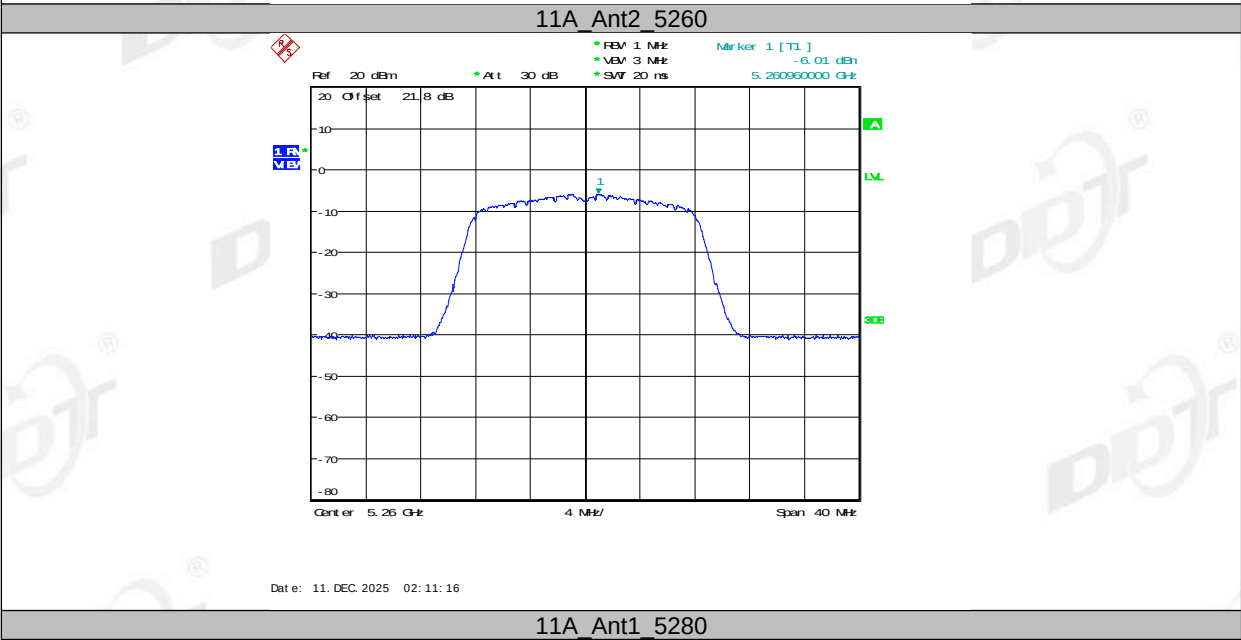
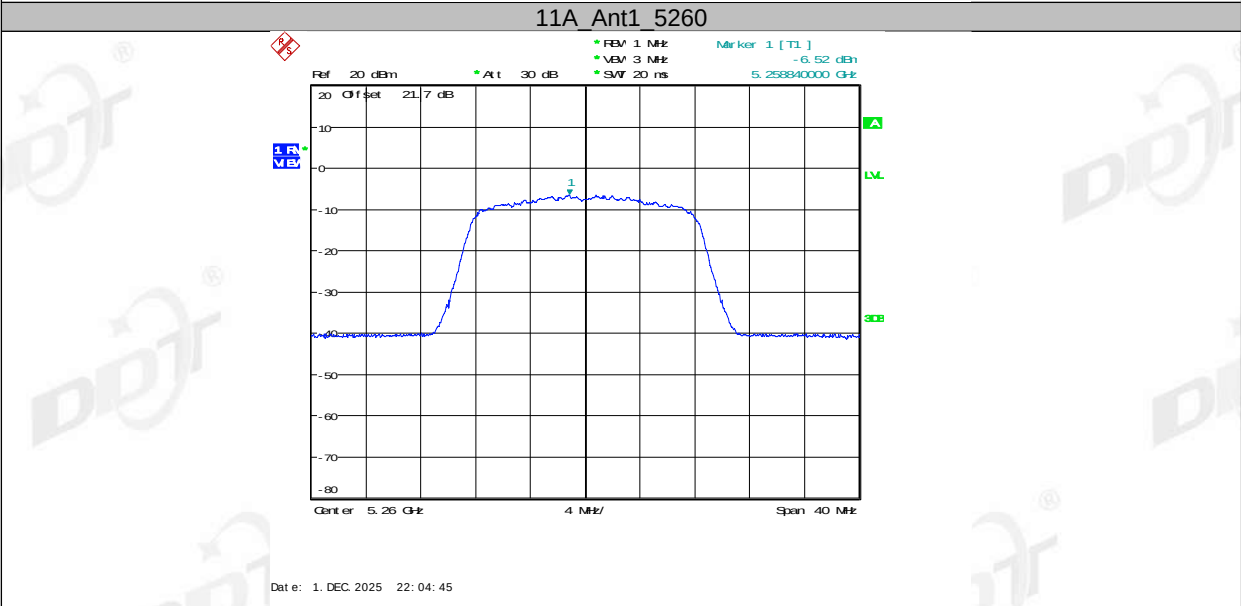
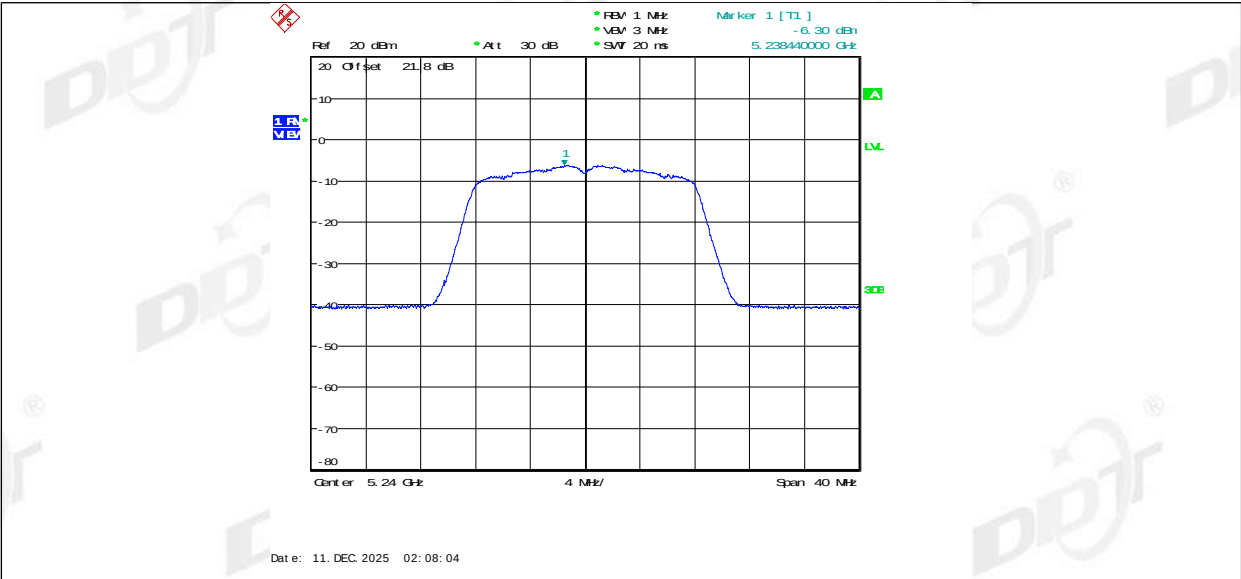
11A_Ant2_5200

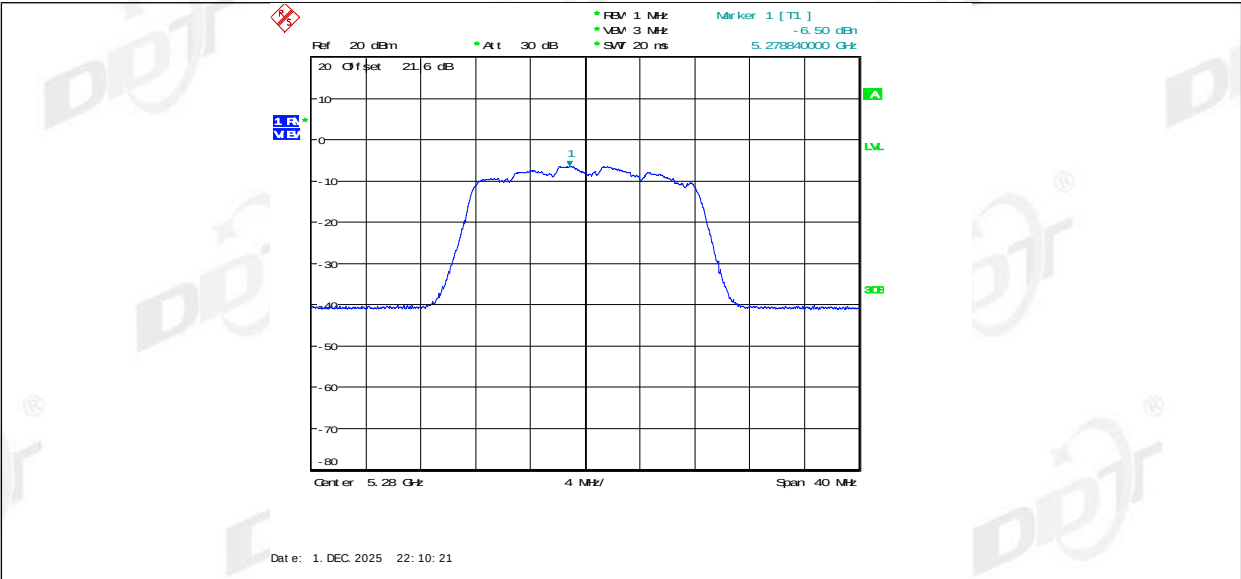


11A_Ant1_5240

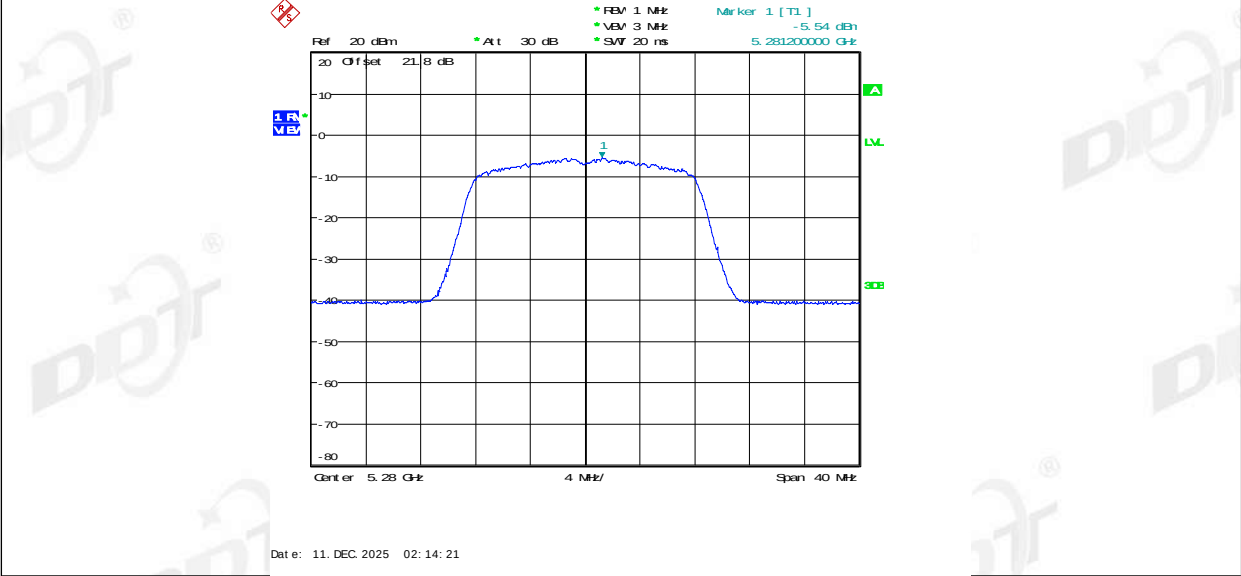


11A_Ant2_5240

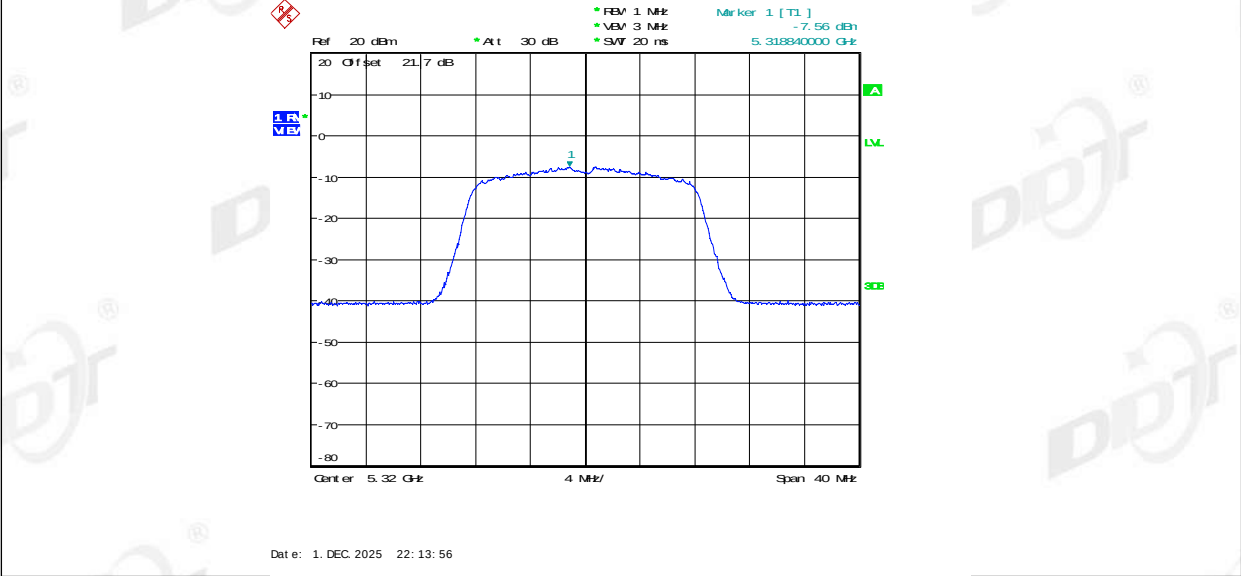




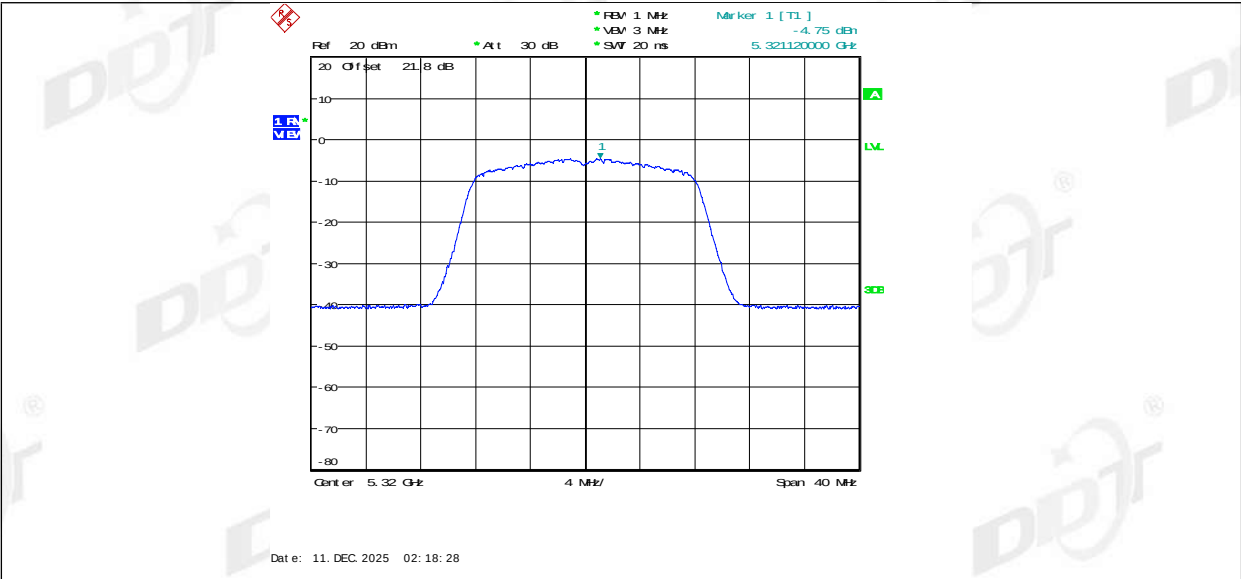
11A_Ant2_5280



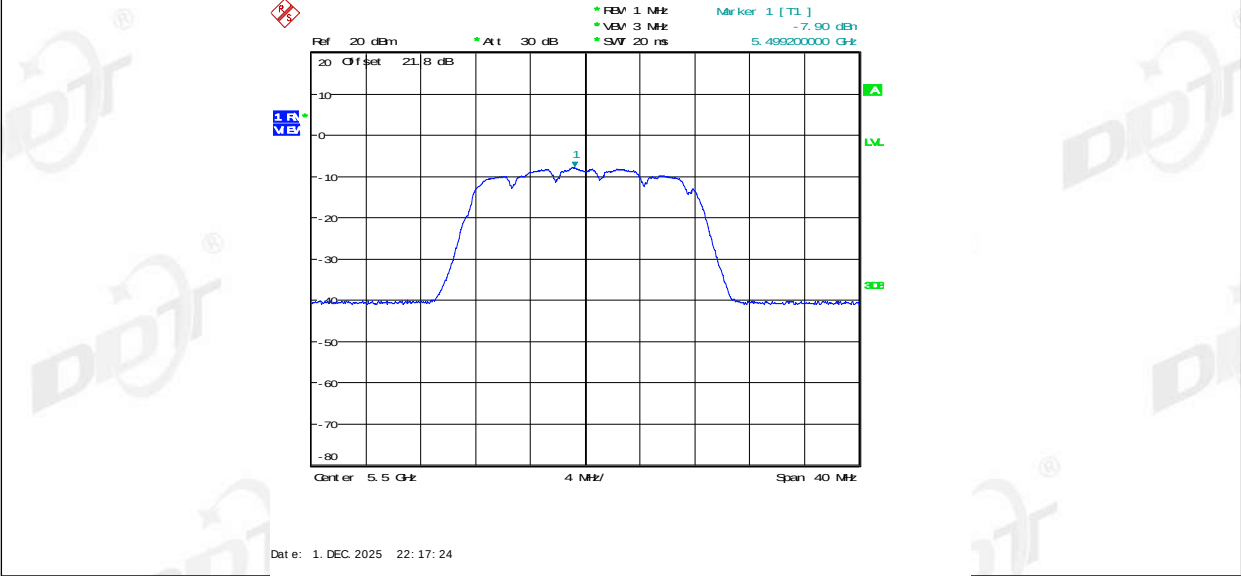
11A_Ant1_5320



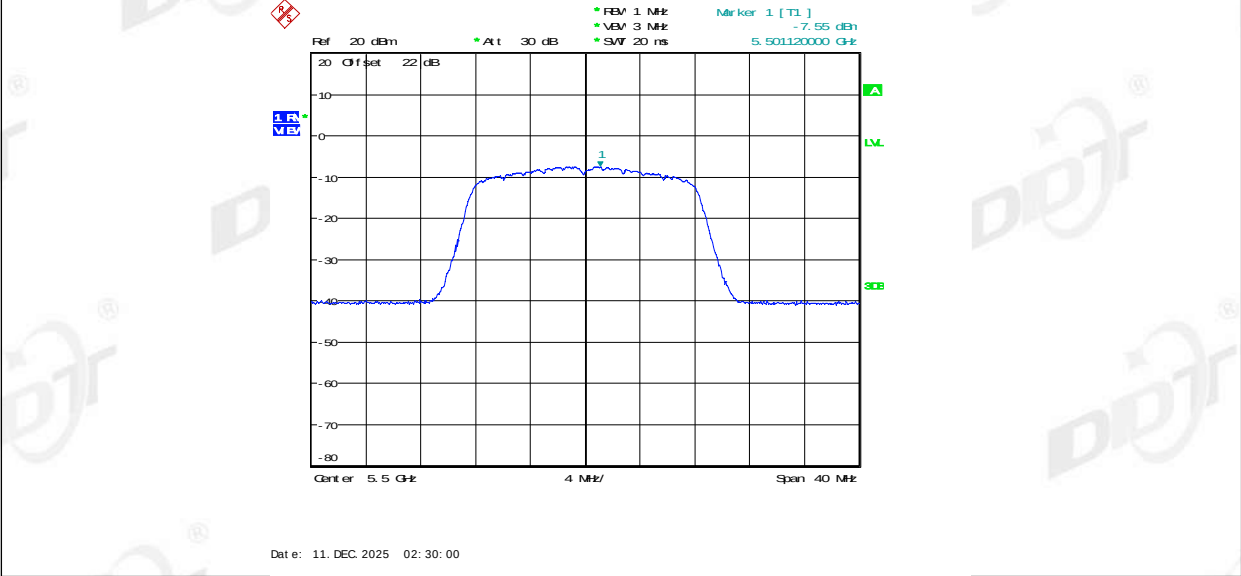
11A_Ant2_5320



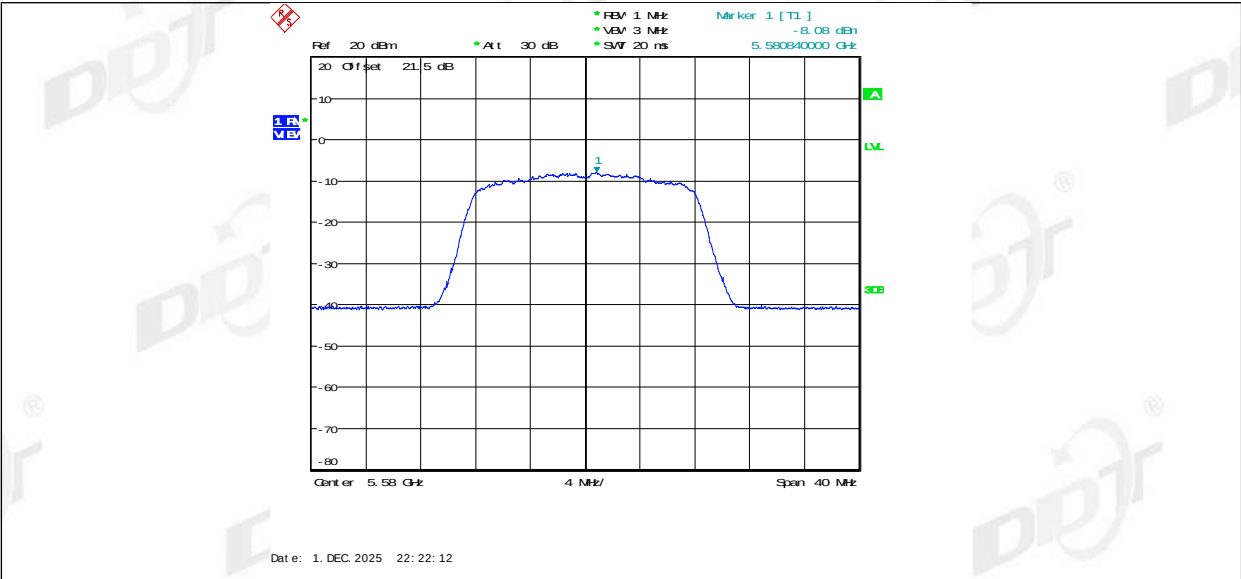
11A_Ant1_5500



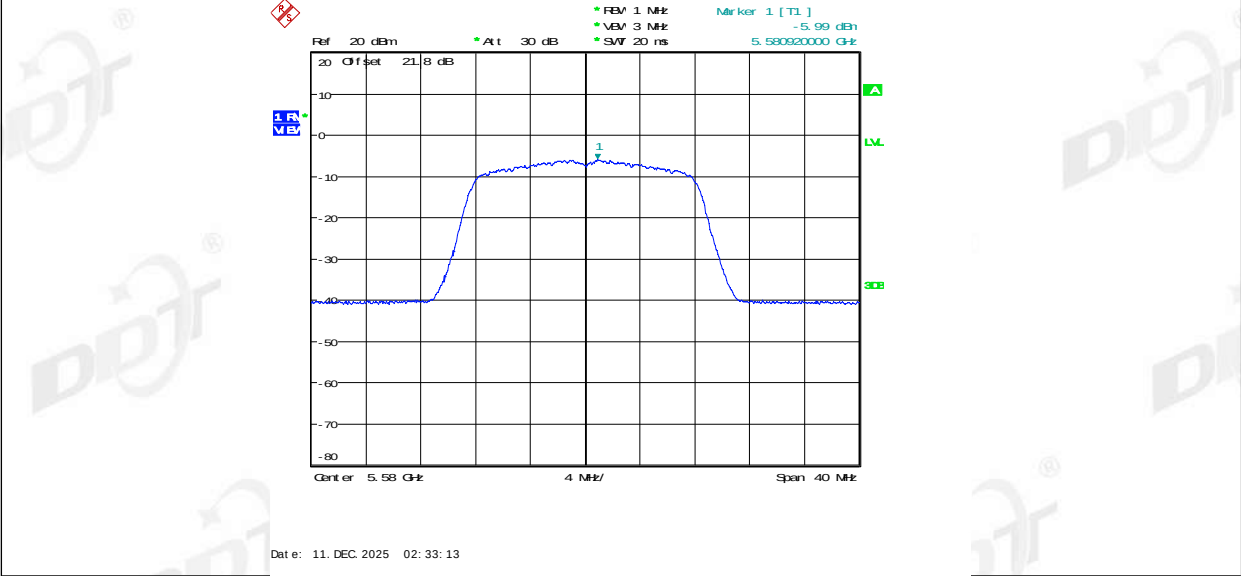
11A_Ant2_5500



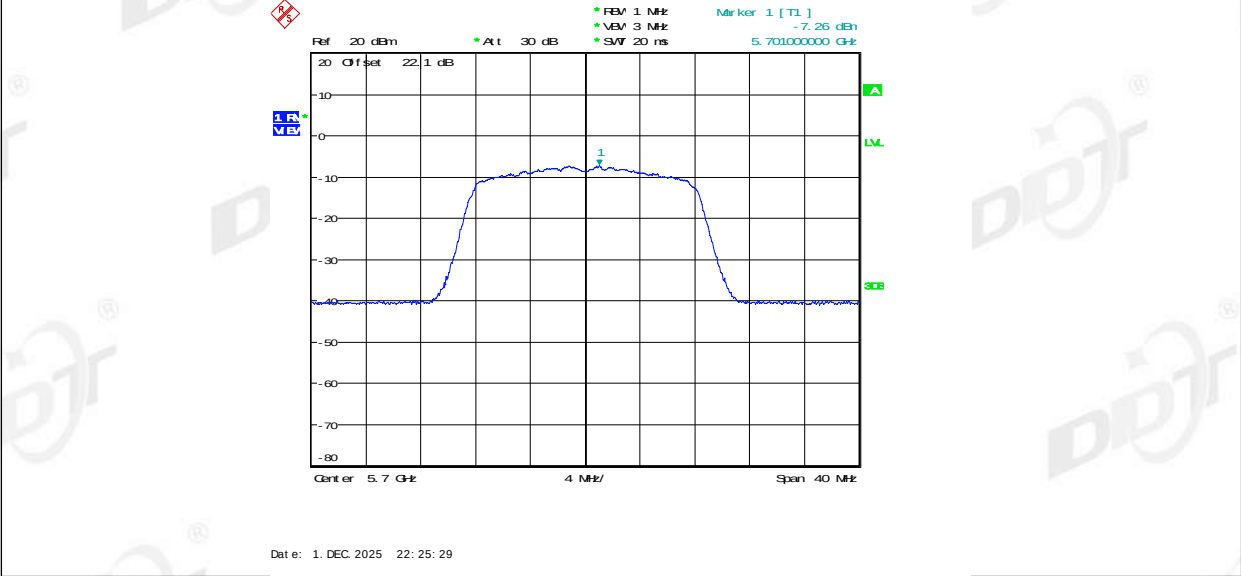
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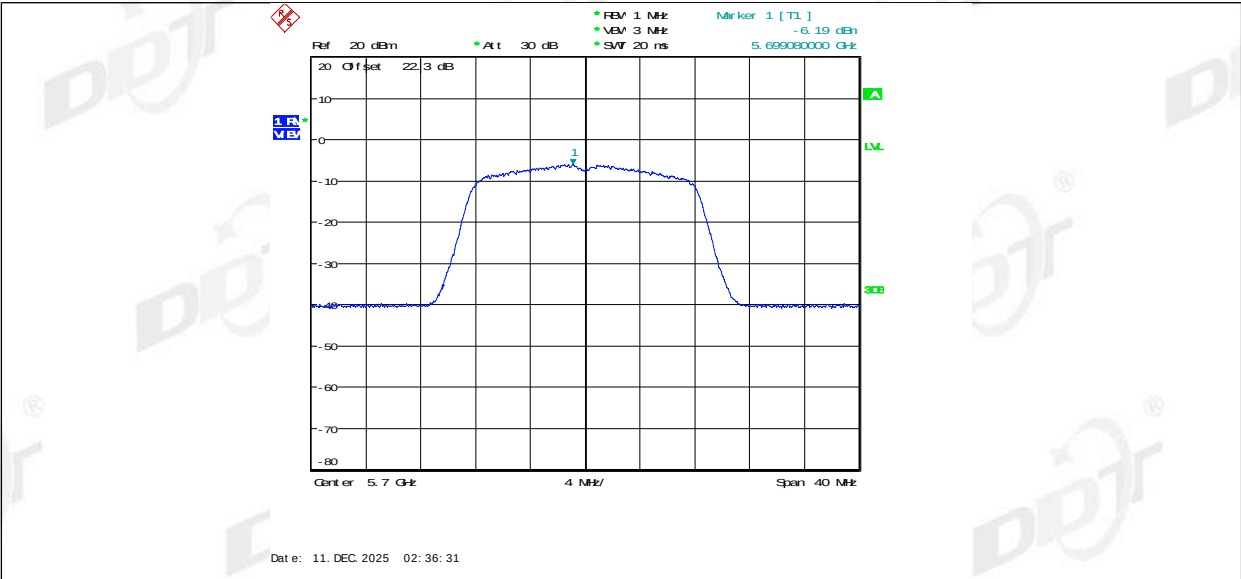
11A_Ant2_5580



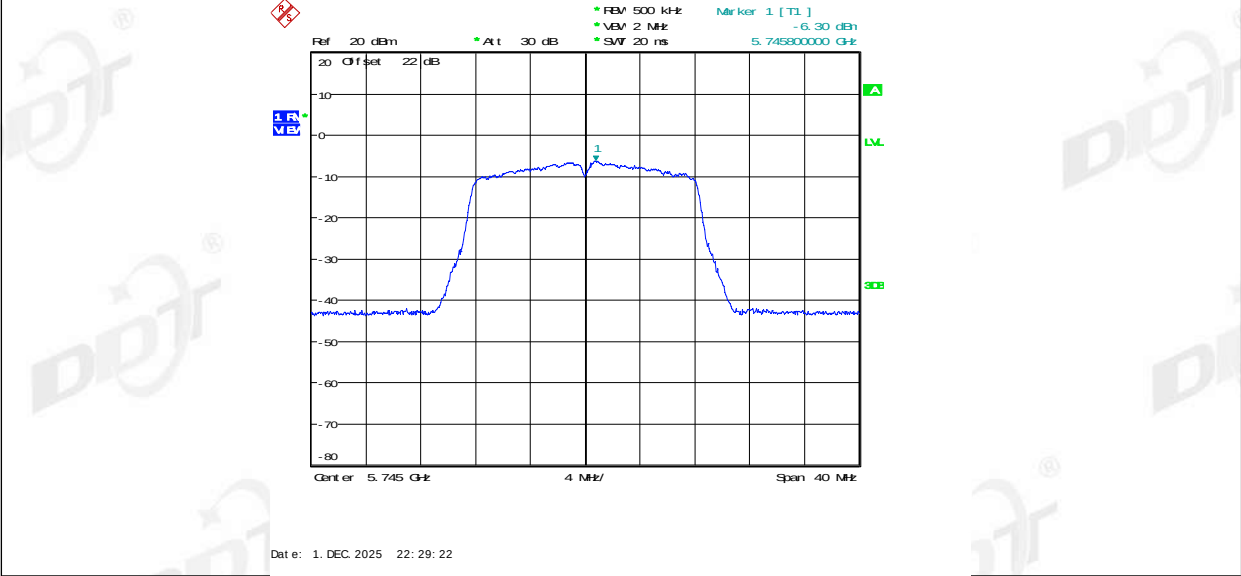
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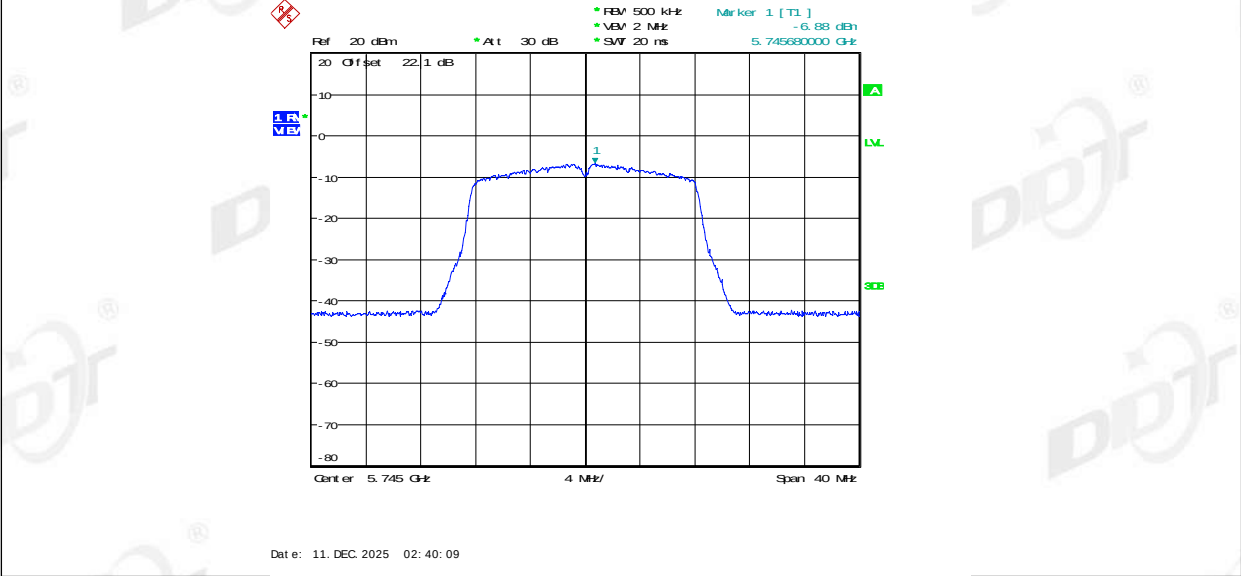
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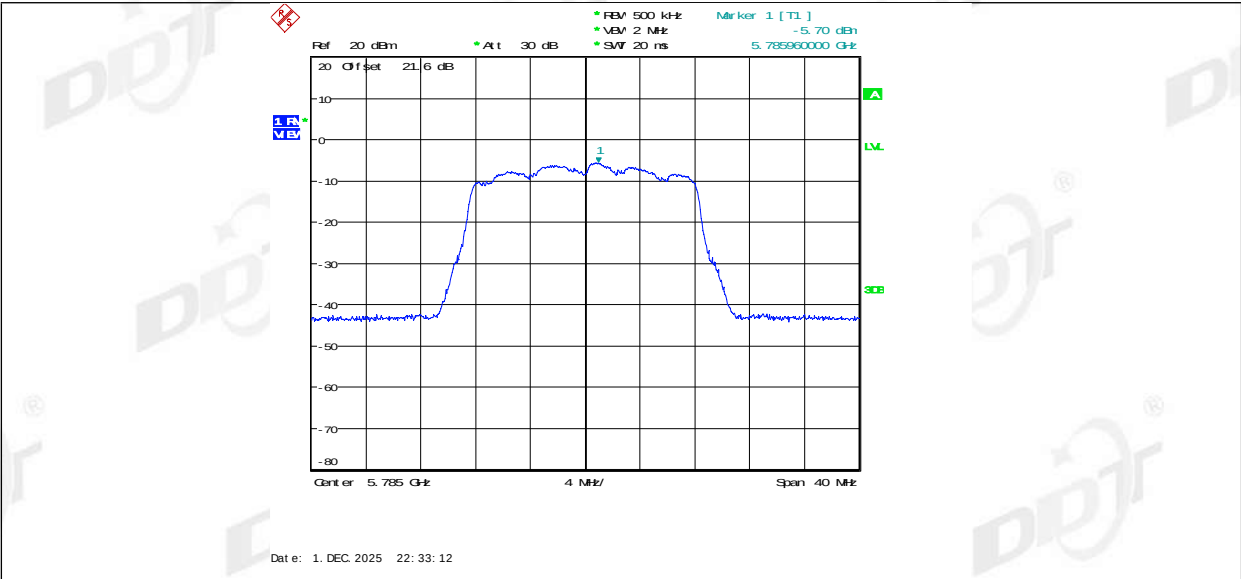
11A_Ant1_5745



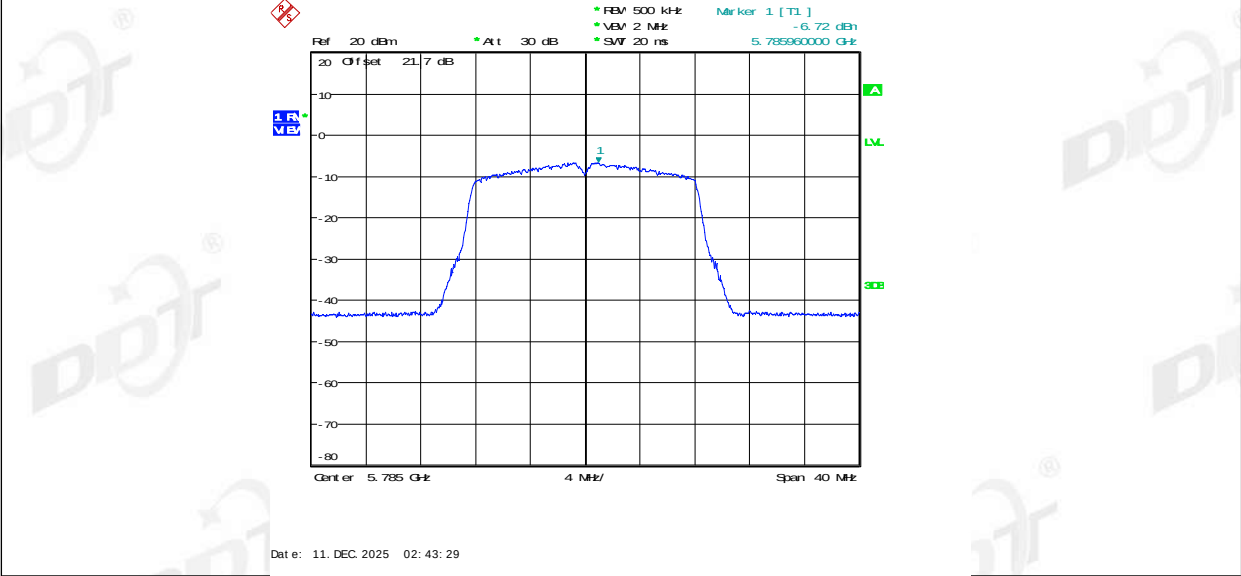
11A_Ant2_5745



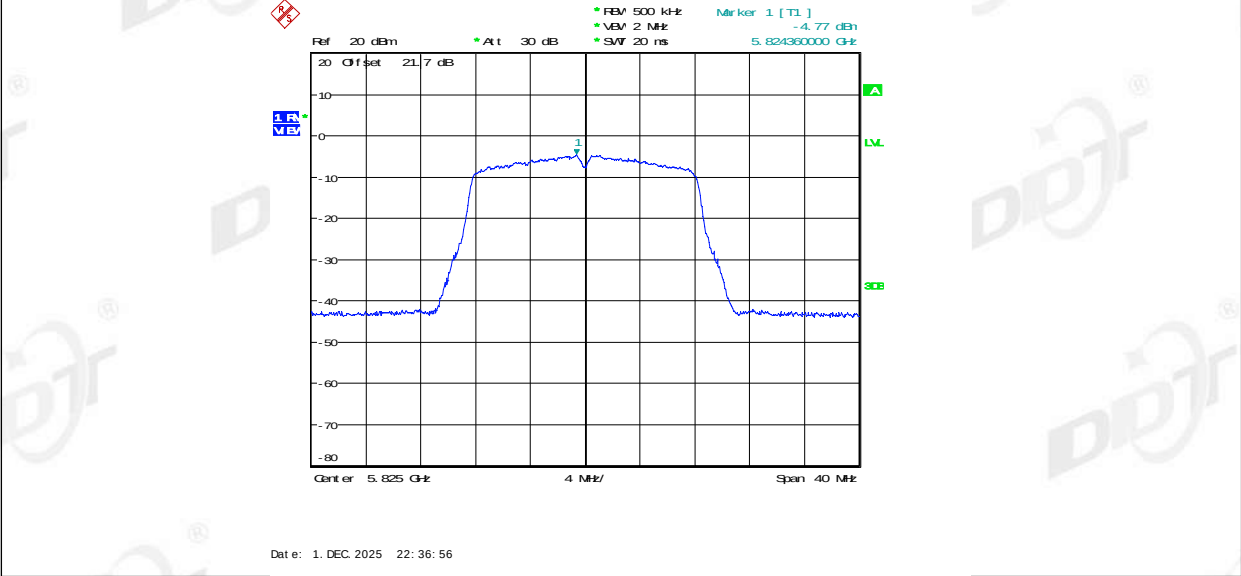
11A_Ant1_5785



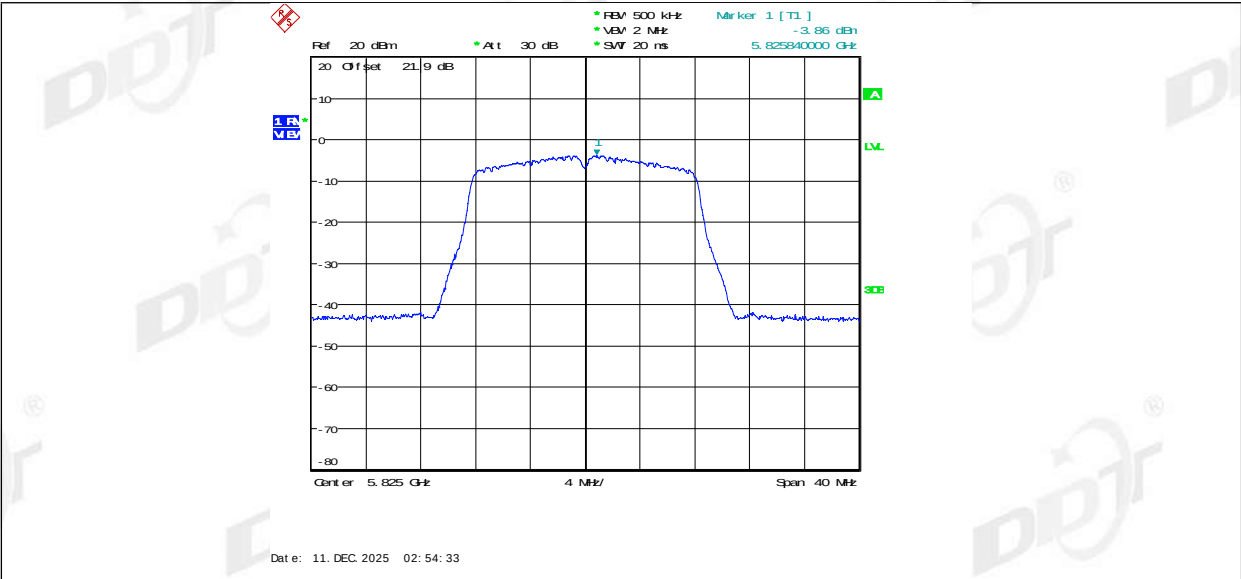
11A_Ant2_5785



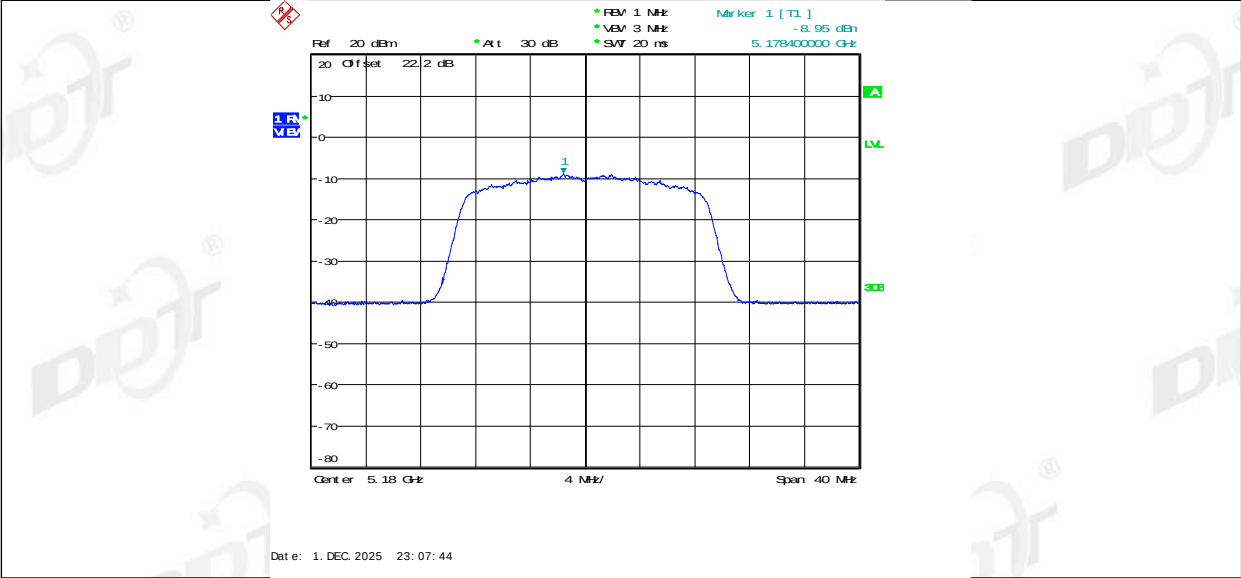
11A_Ant1_5825



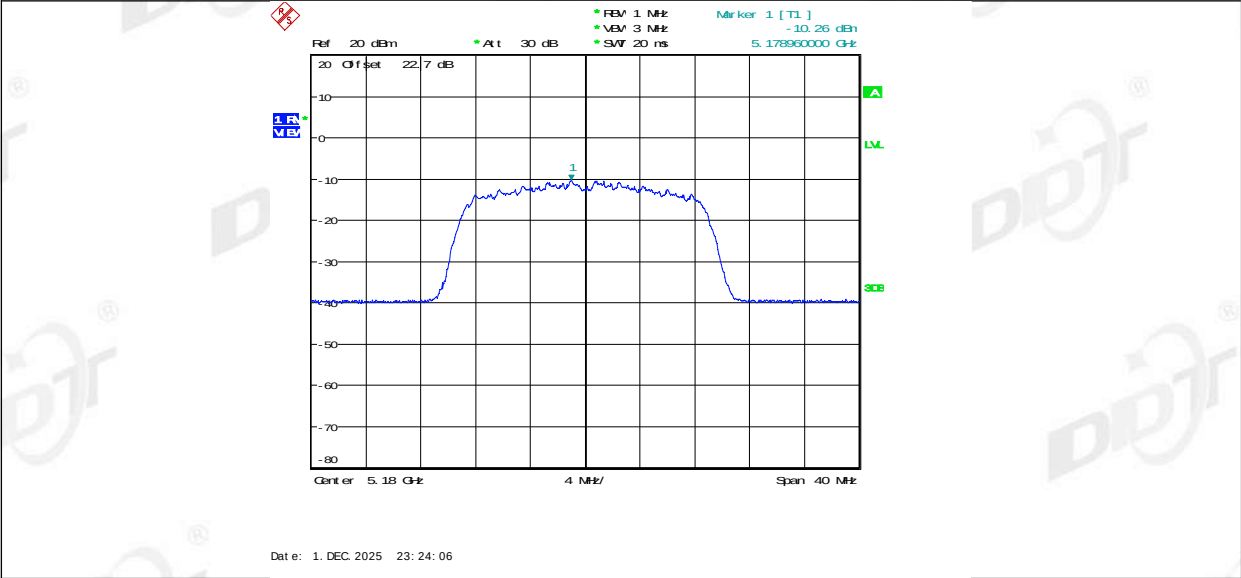
11A_Ant2_5825



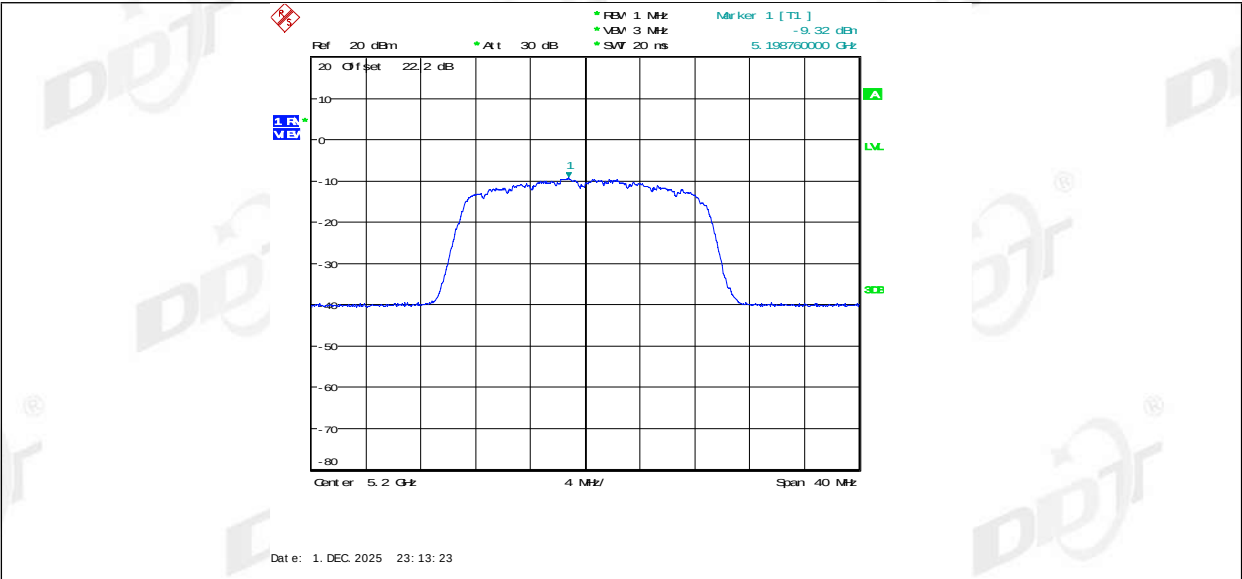
11N20MIMO_Ant1_5180



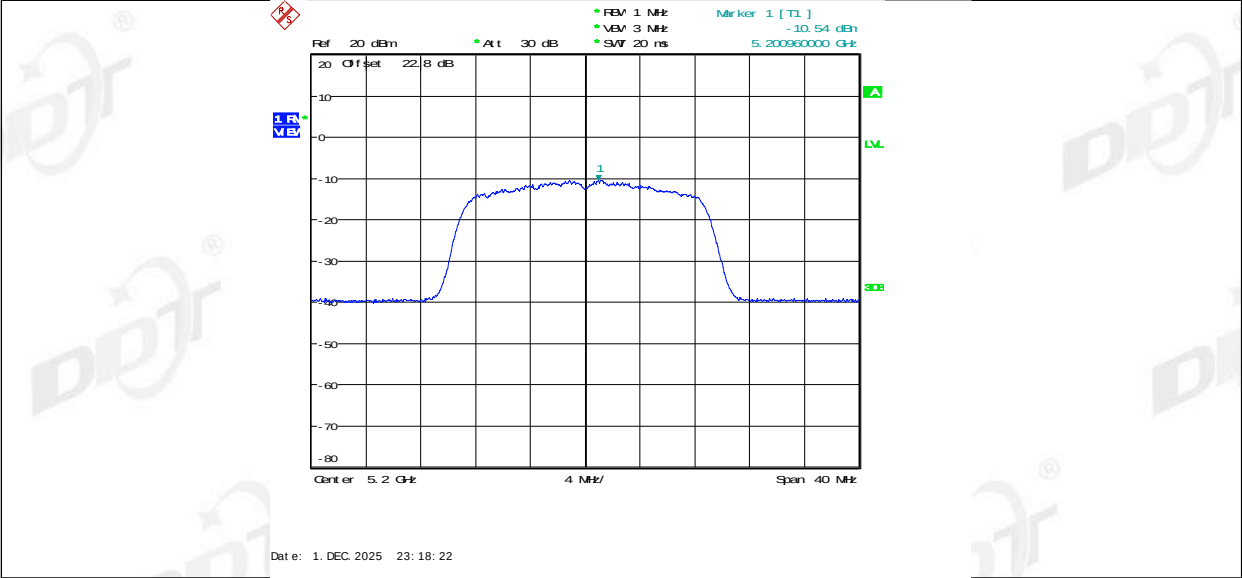
11N20MIMO_Ant2_5180



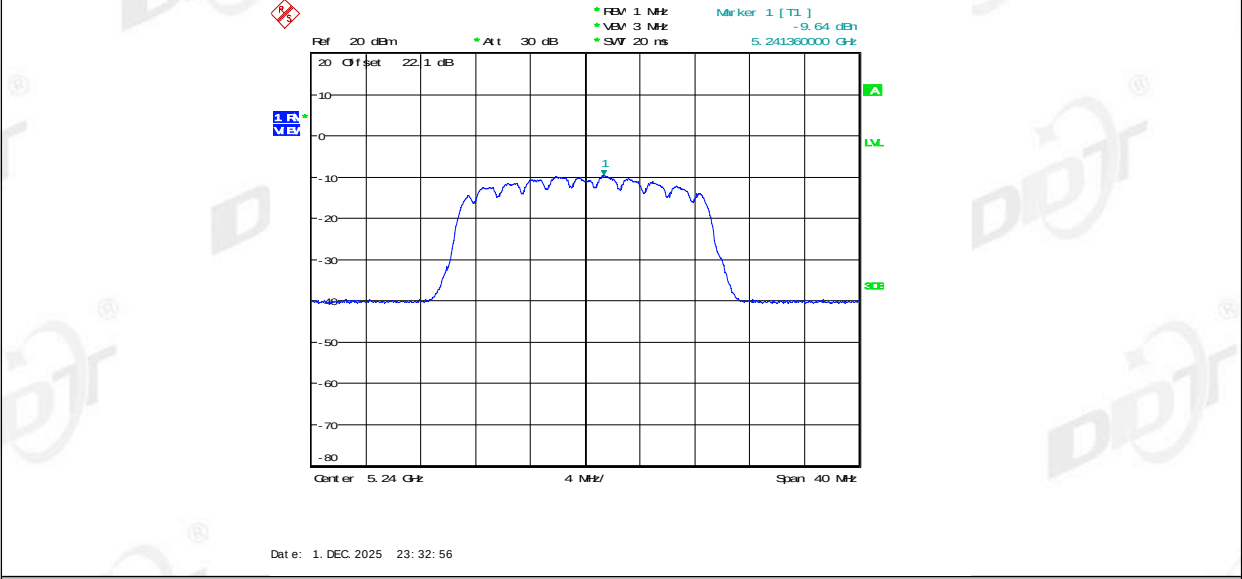
11N20MIMO_Ant1_5200



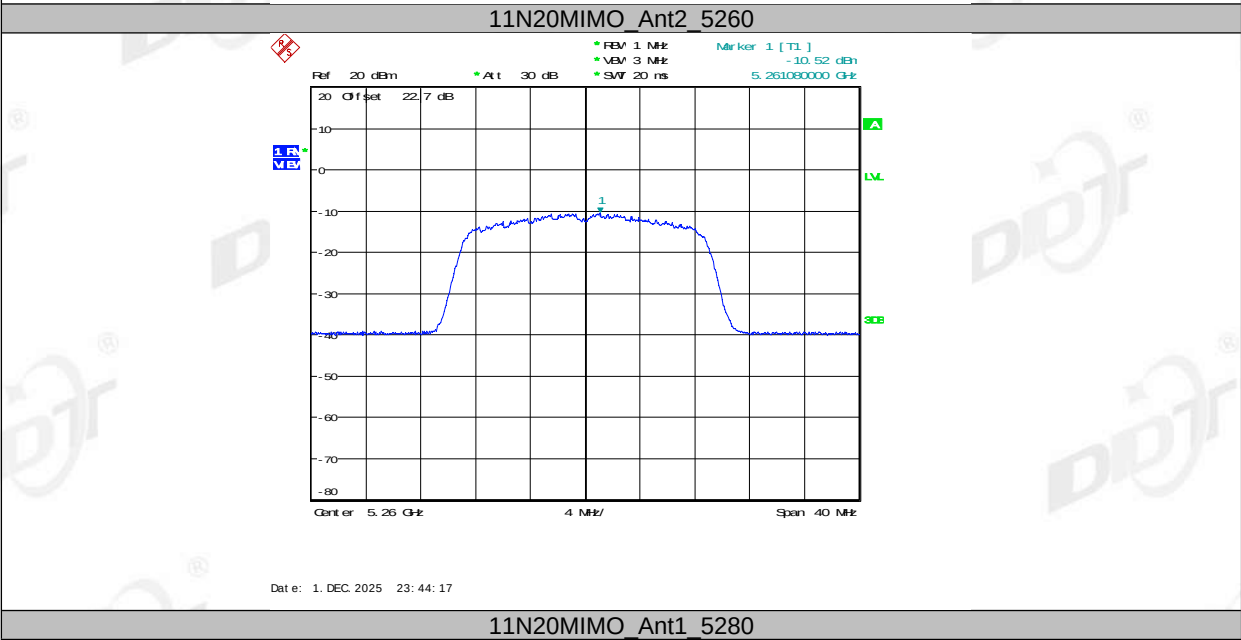
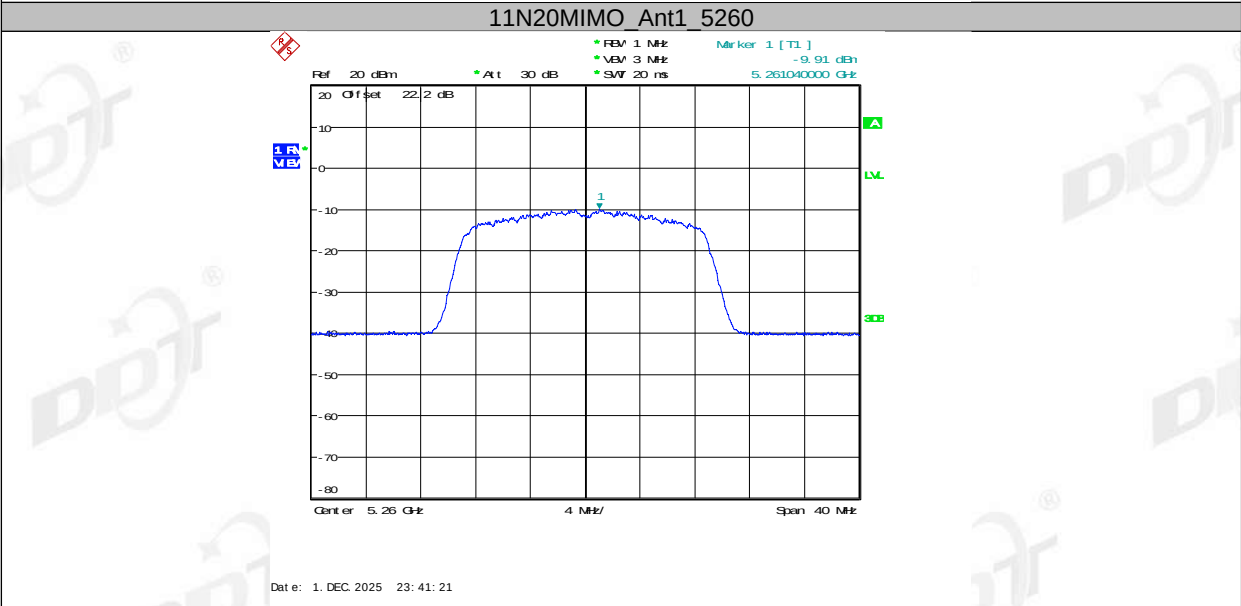
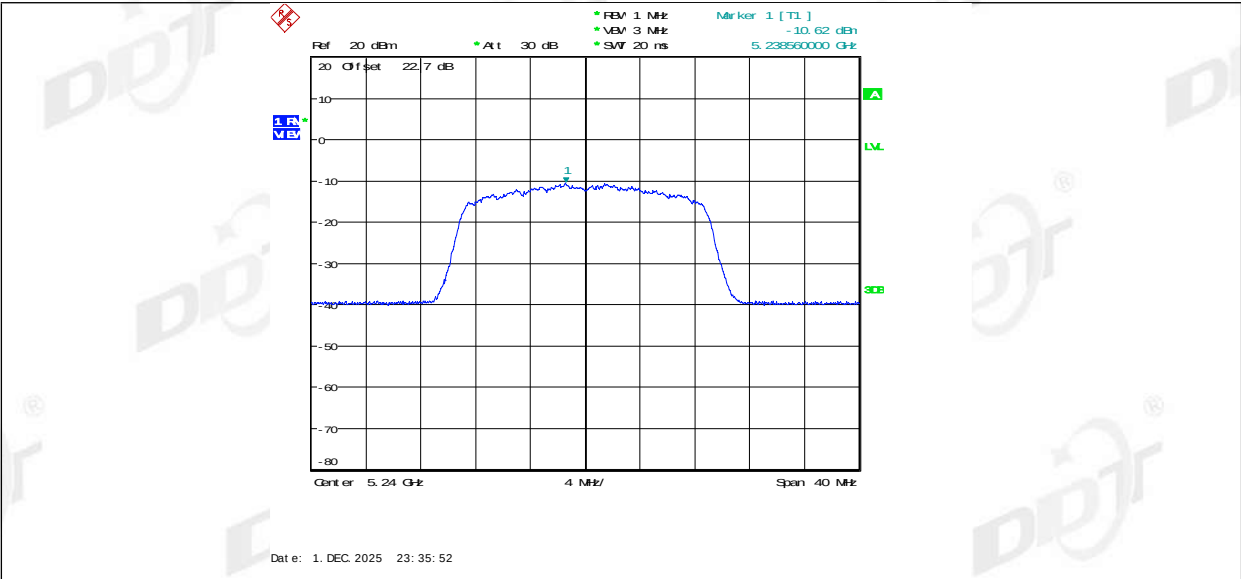
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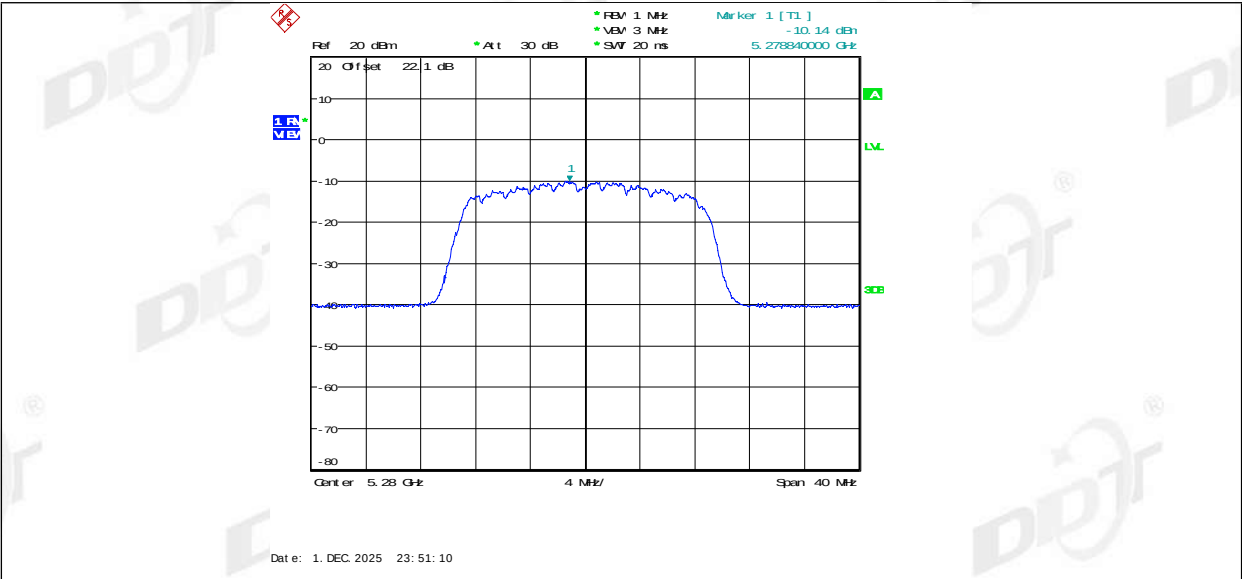


11N20MIMO_Ant1_5240

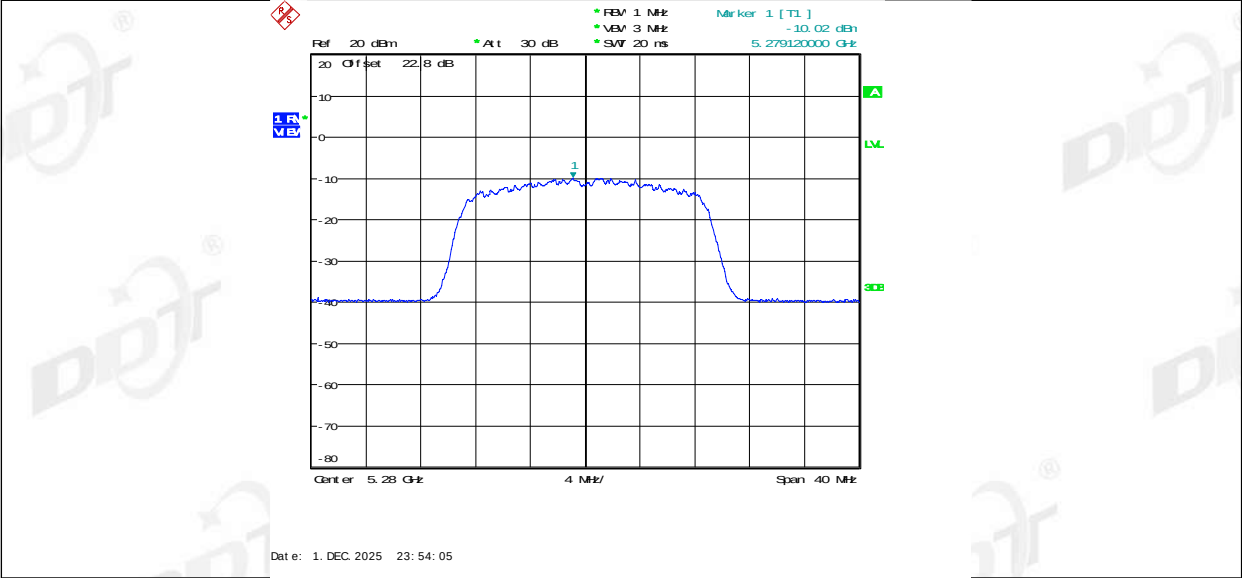


11N20MIMO_Ant2_5240

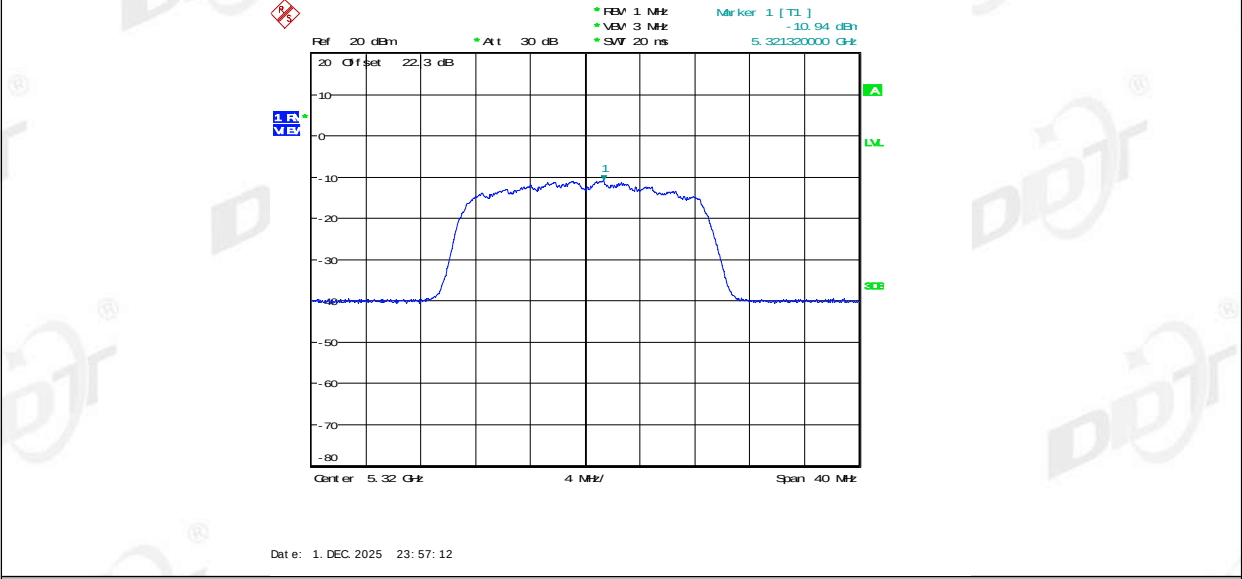




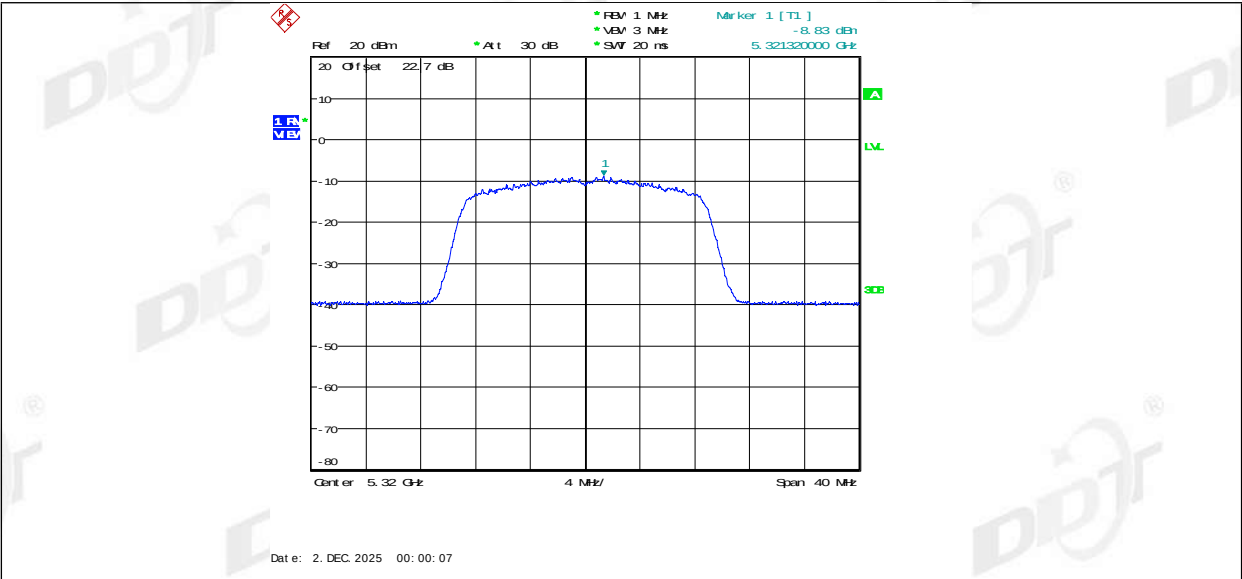
11N20MIMO_Ant2_5280



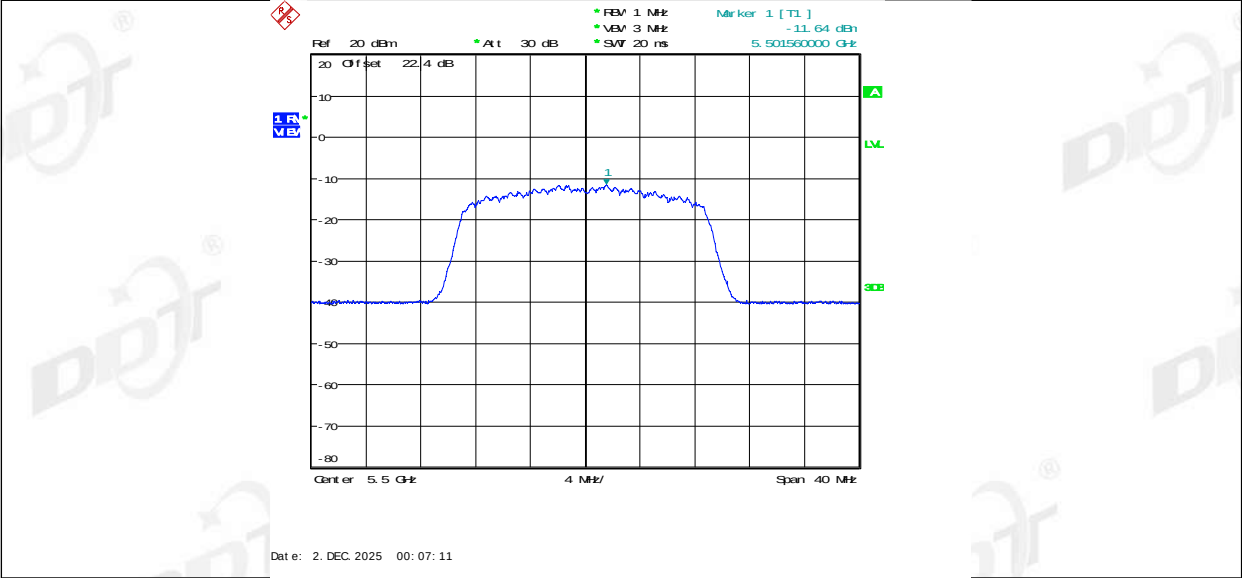
11N20MIMO_Ant1_5320



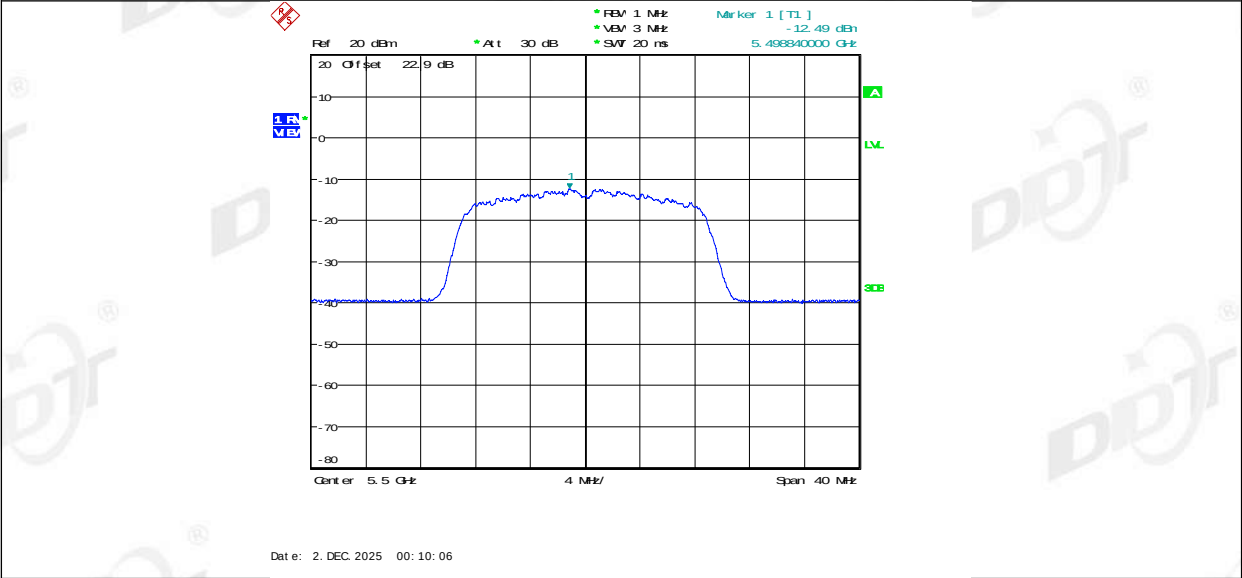
11N20MIMO_Ant2_5320



11N20MIMO_Ant1_5500



11N20MIMO_Ant2_5500



11N20MIMO_Ant1_5580