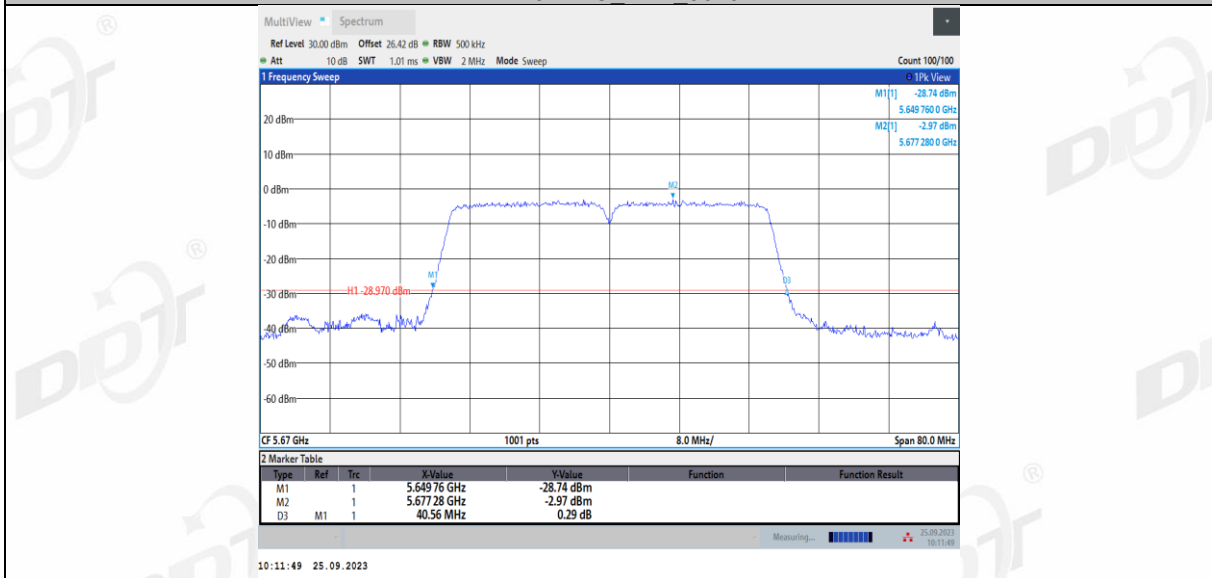
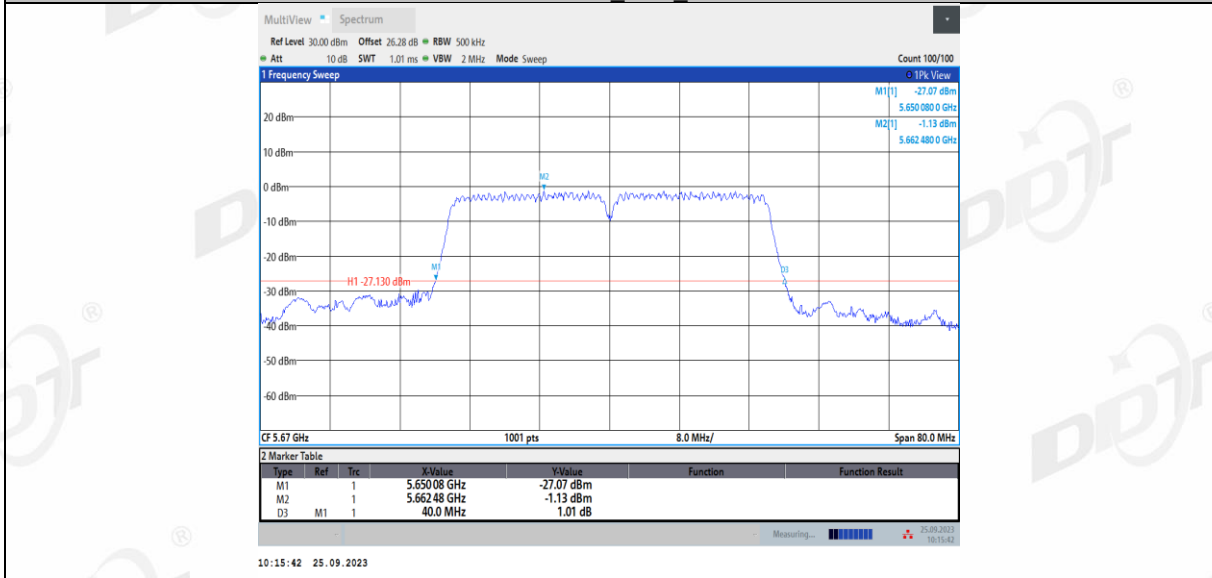


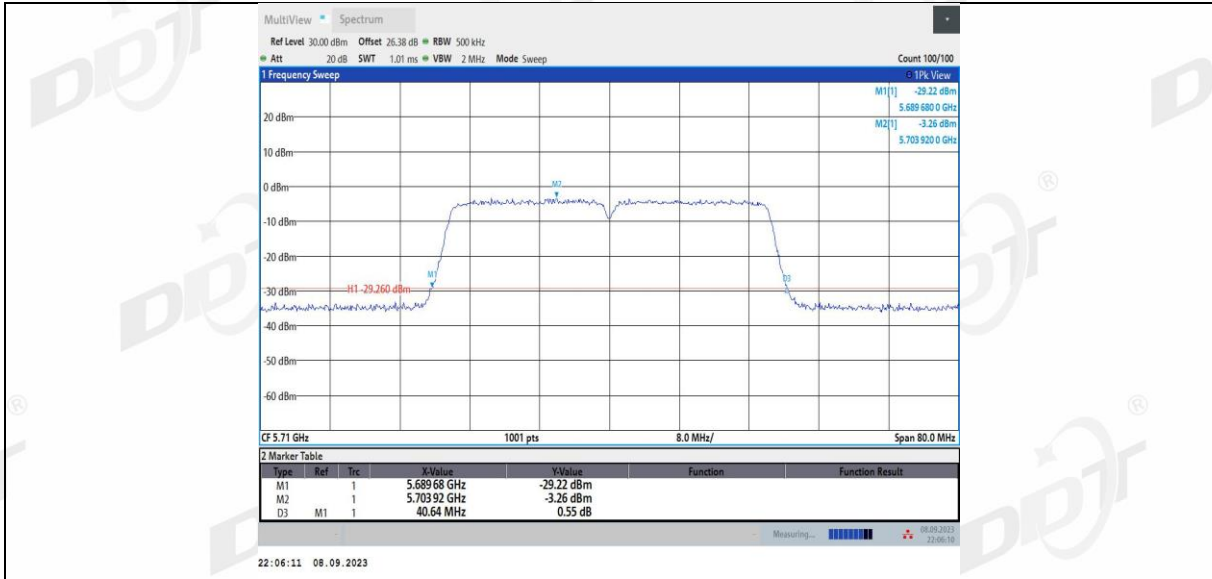
11N40MIMO Ant1 5670



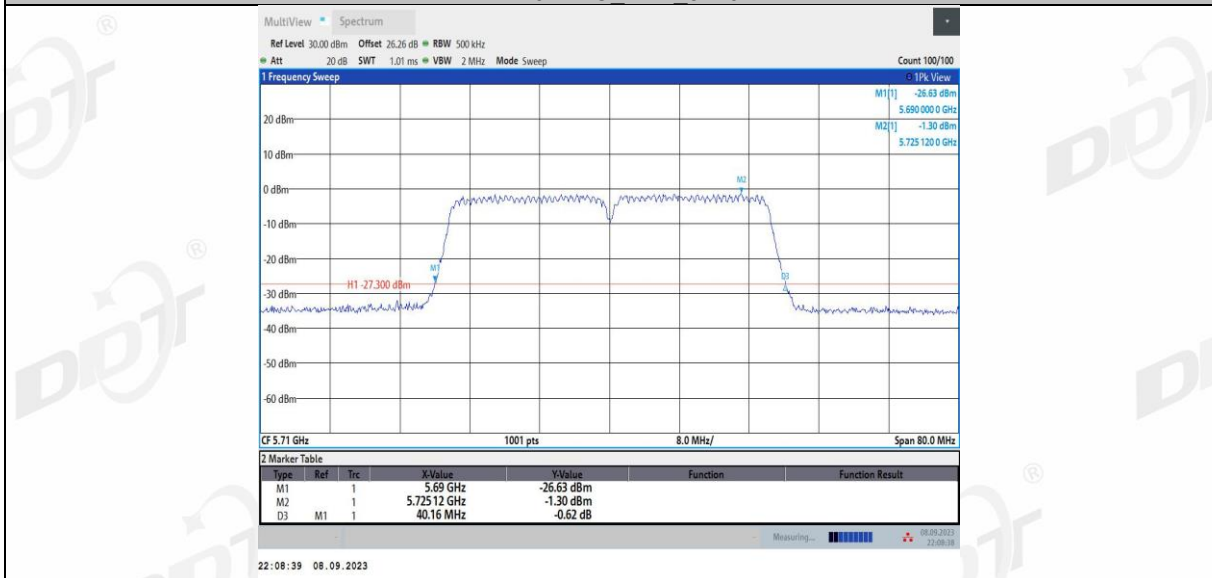
11N40MIMO Ant2 5670



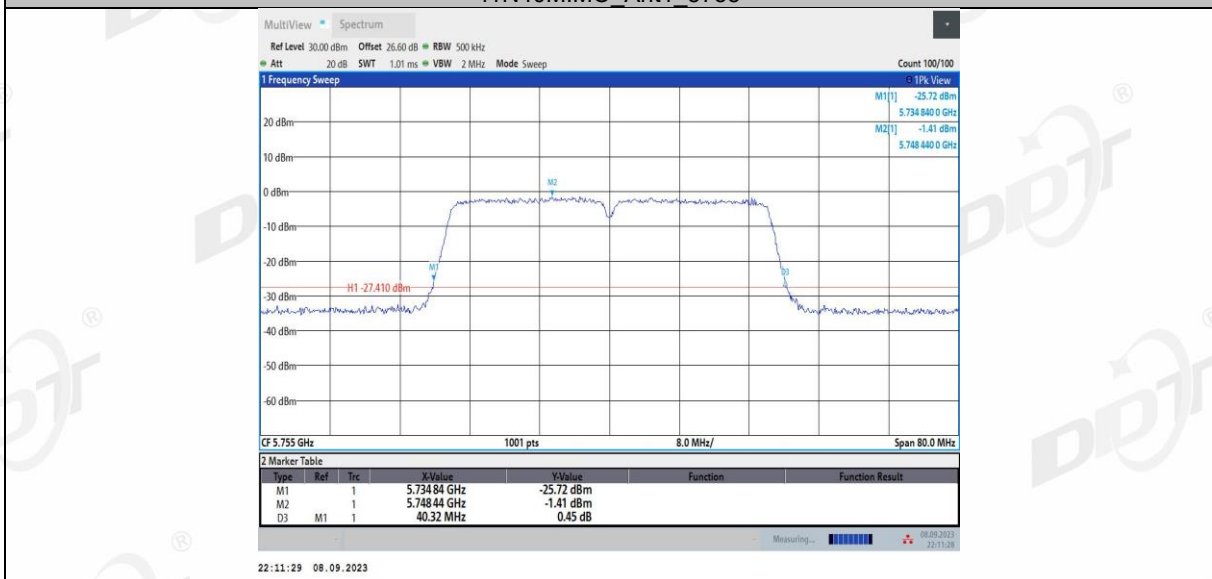
11N40MIMO Ant1 5710



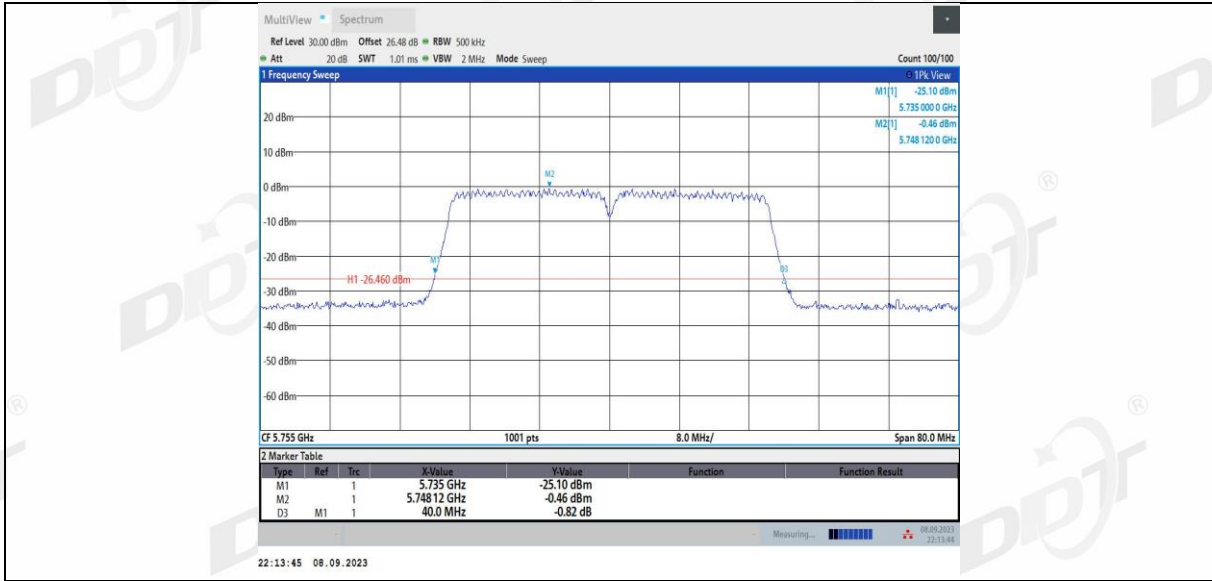
11N40MIMO Ant2 5710



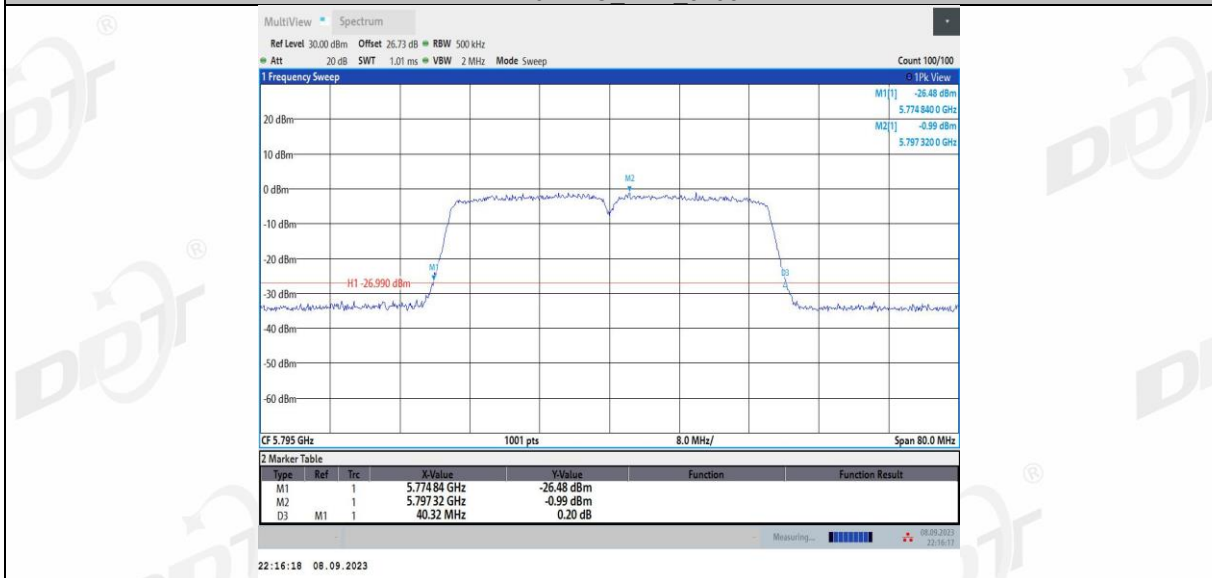
11N40MIMO Ant1 5755



11N40MIMO Ant2 5755



11N40MIMO Ant1 5795



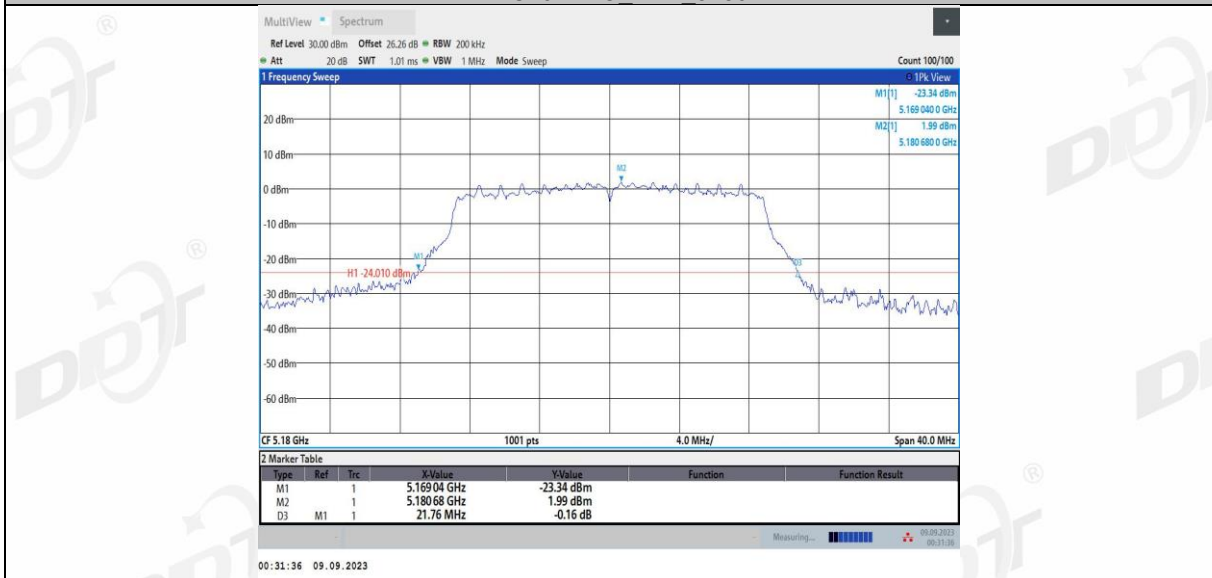
11N40MIMO Ant2 5795



11AC20MIMO Ant1 5180



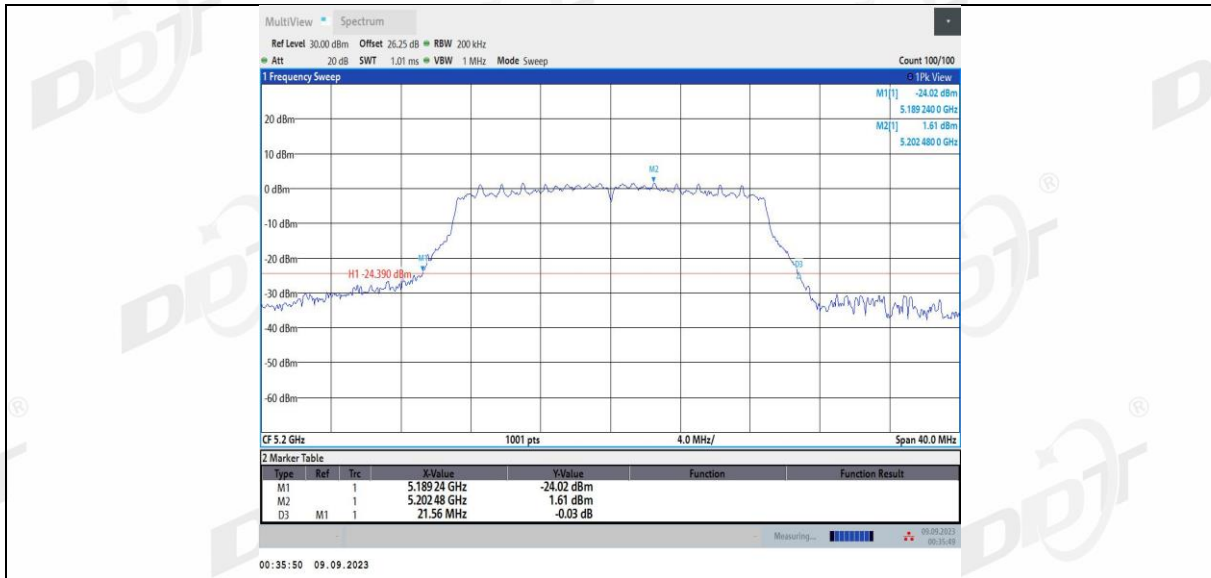
11AC20MIMO_Ant2_5180



11AC20MIMO_Ant1_5200



11AC20MIMO_Ant2_5200



11AC20MIMO Ant1_5240



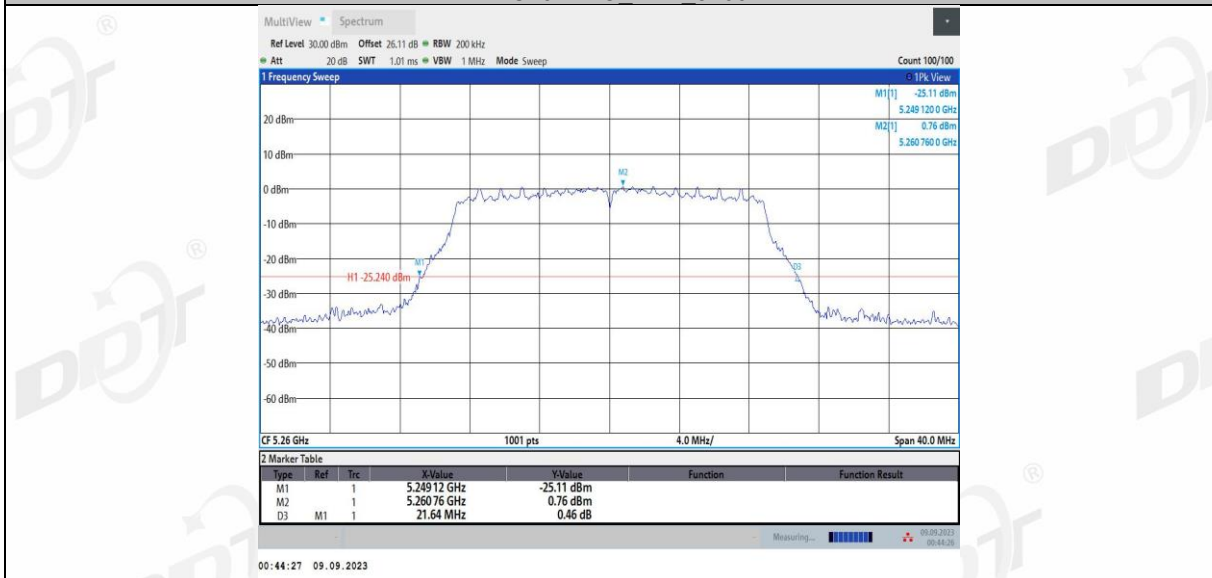
11AC20MIMO Ant2_5240



11AC20MIMO Ant1_5260



11AC20MIMO_Ant2_5260



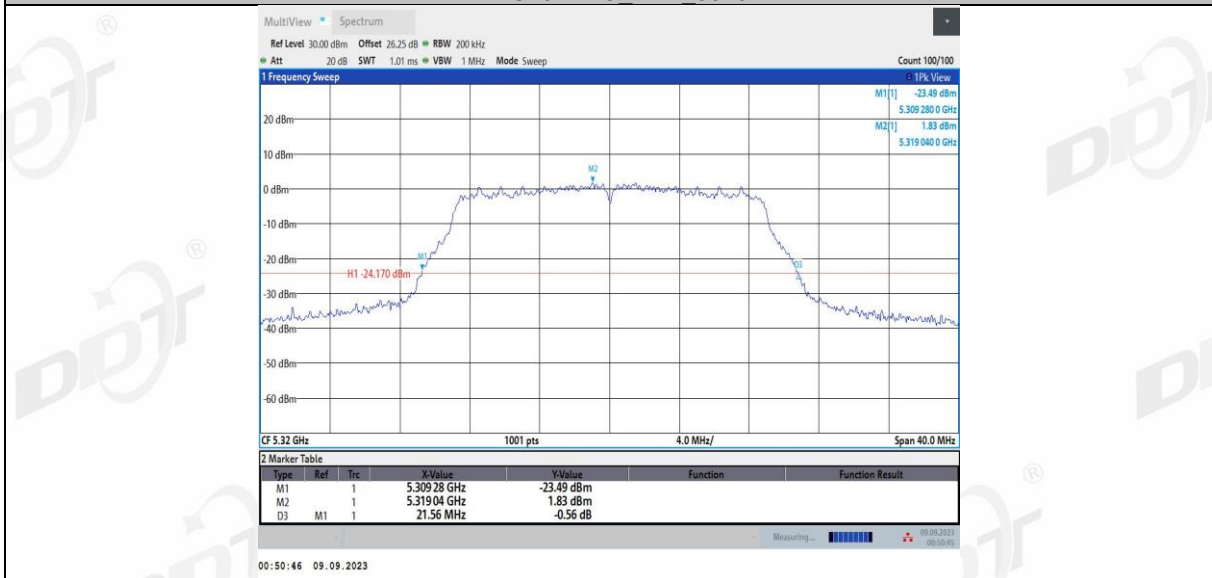
11AC20MIMO_Ant1_5280



11AC20MIMO_Ant2_5280



11AC20MIMO Ant1_5320



11AC20MIMO Ant2_5320



11AC20MIMO Ant1_5500



11AC20MIMO_Ant2_5500



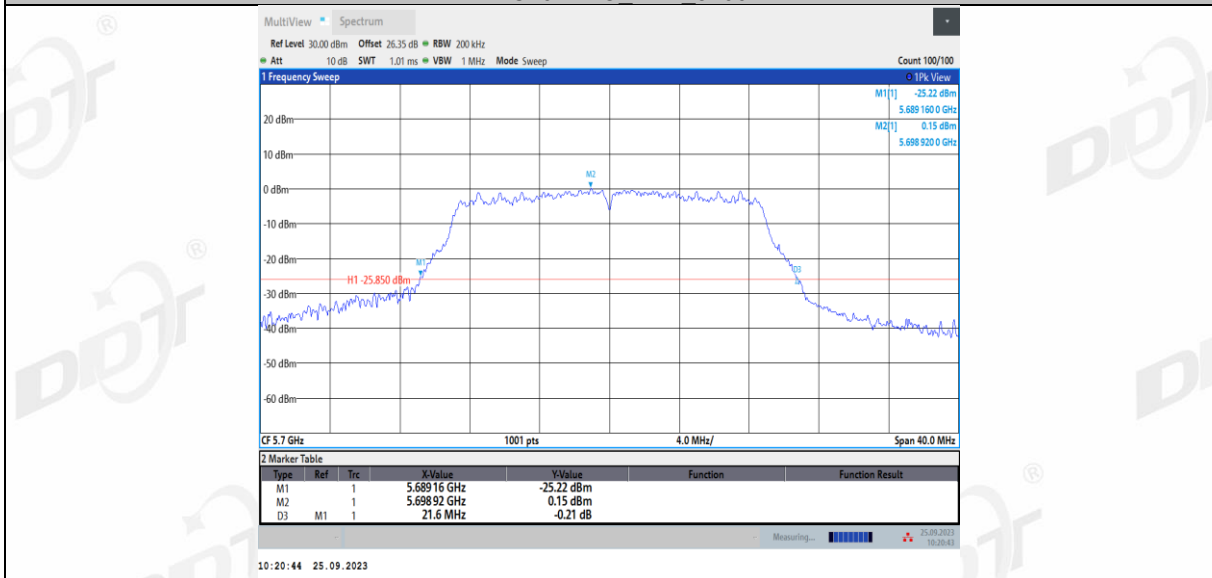
11AC20MIMO_Ant1_5580



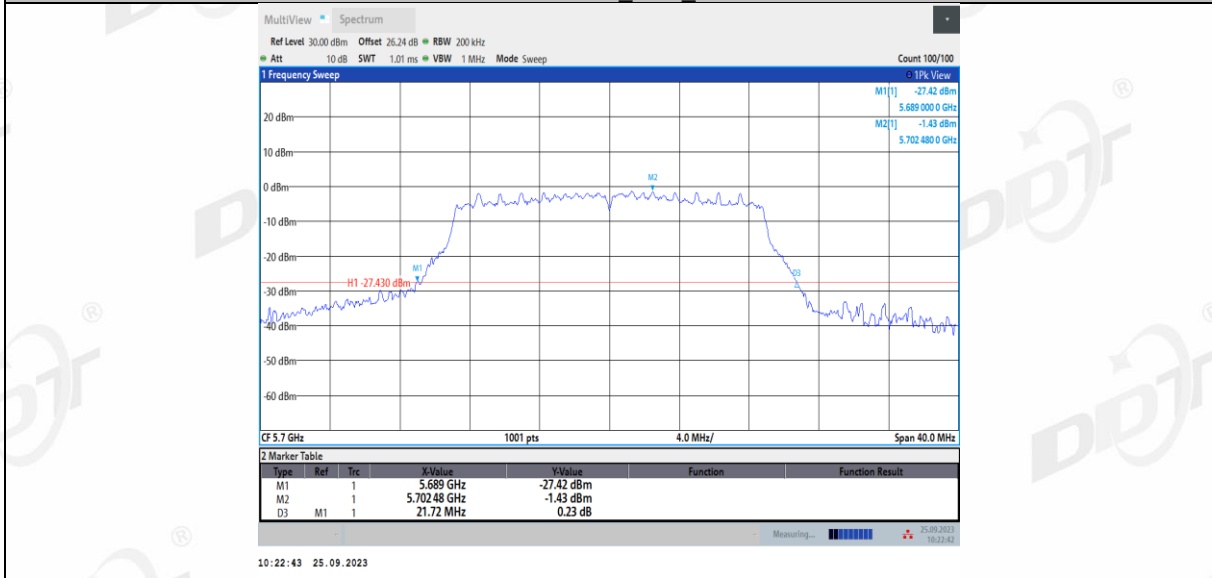
11AC20MIMO_Ant2_5580



11AC20MIMO Ant1 5700



11AC20MIMO Ant2 5700



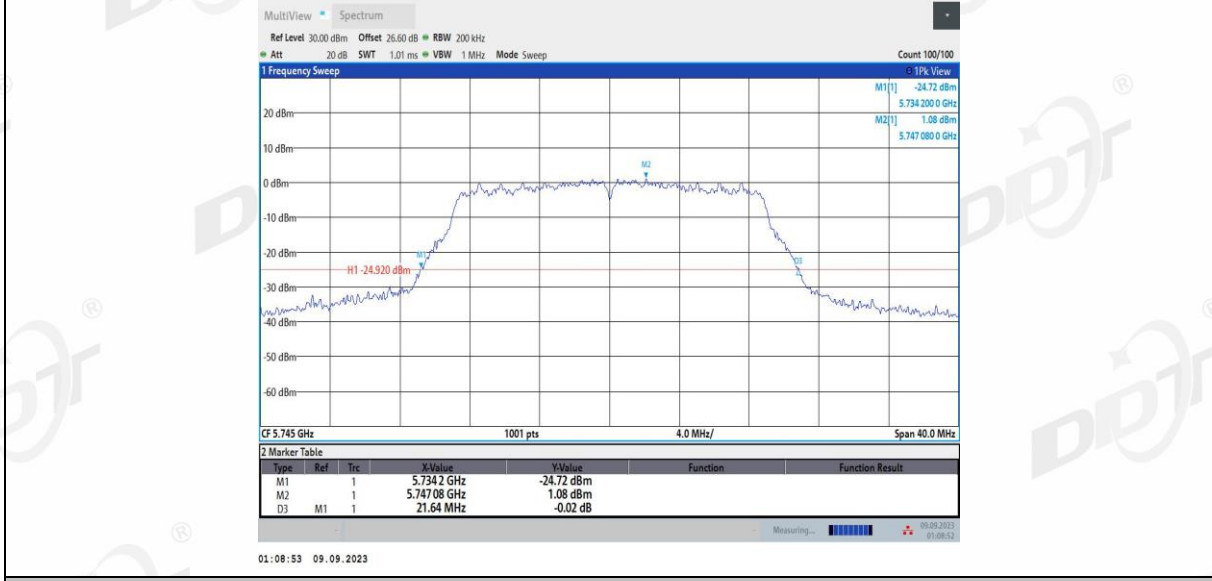
11AC20MIMO Ant1 5720



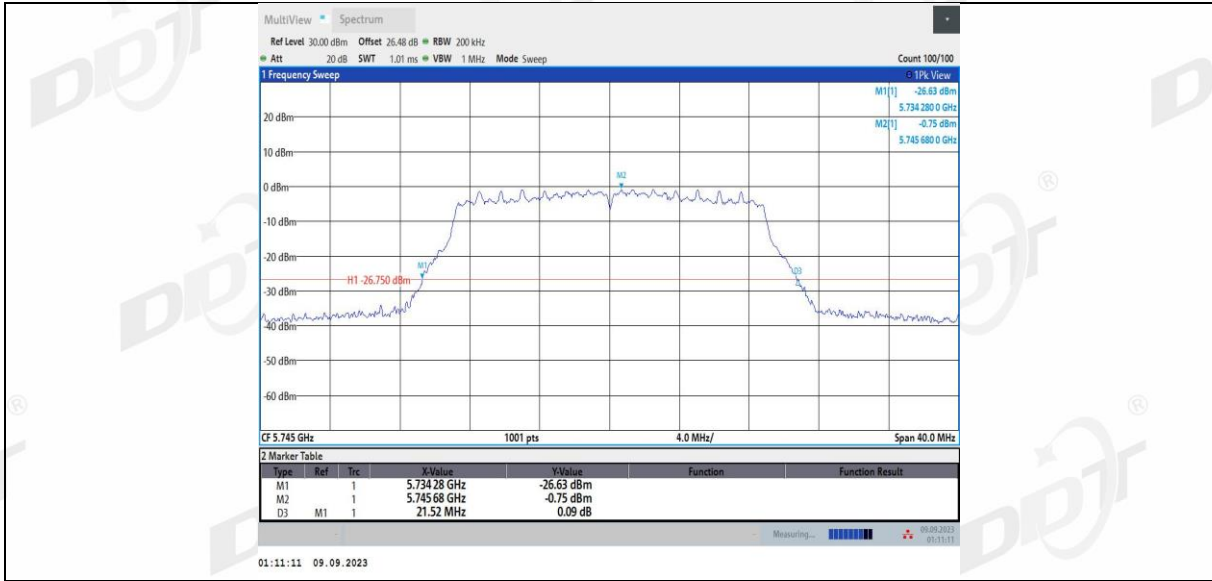
11AC20MIMO_Ant2_5720



11AC20MIMO_Ant1_5745



11AC20MIMO_Ant2_5745



11AC20MIMO Ant1_5785



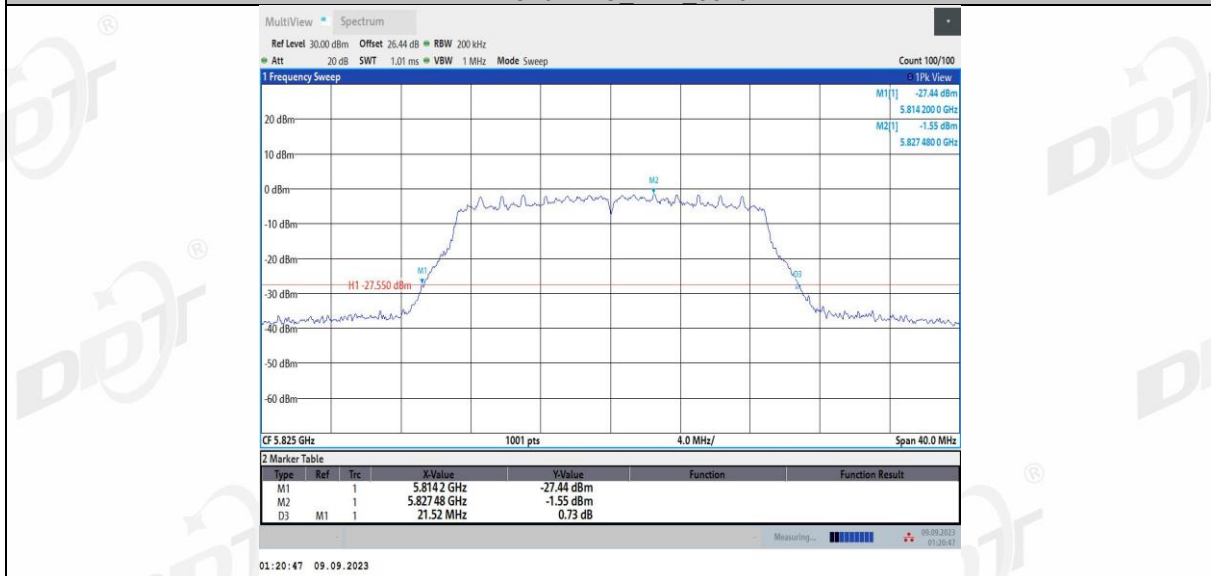
11AC20MIMO Ant2_5785



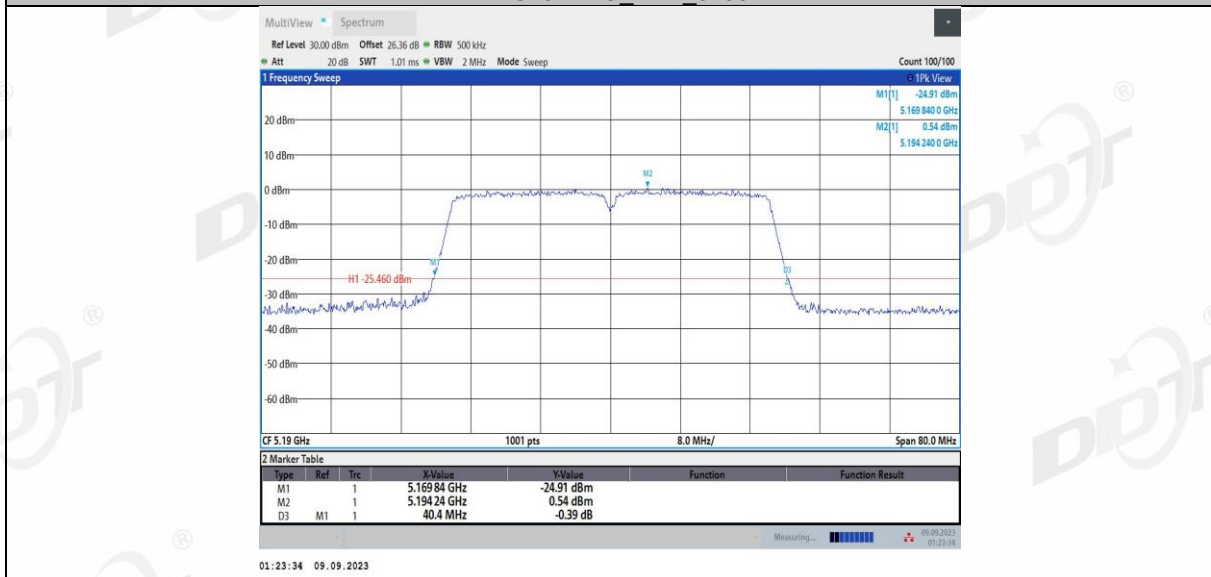
11AC20MIMO Ant1_5825



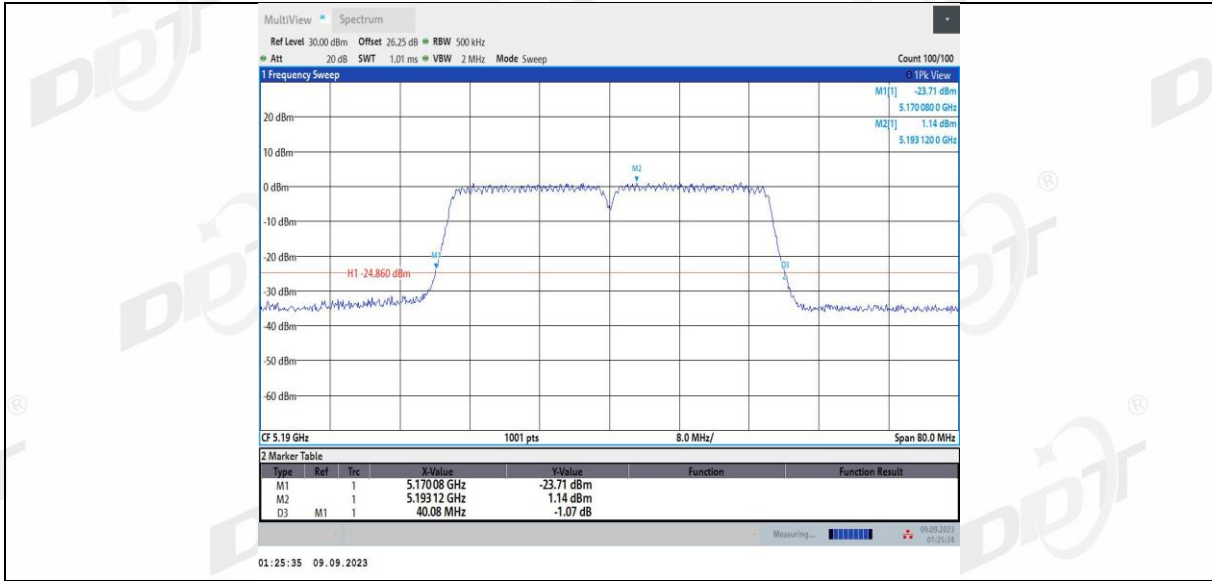
11AC20MIMO Ant2_5825



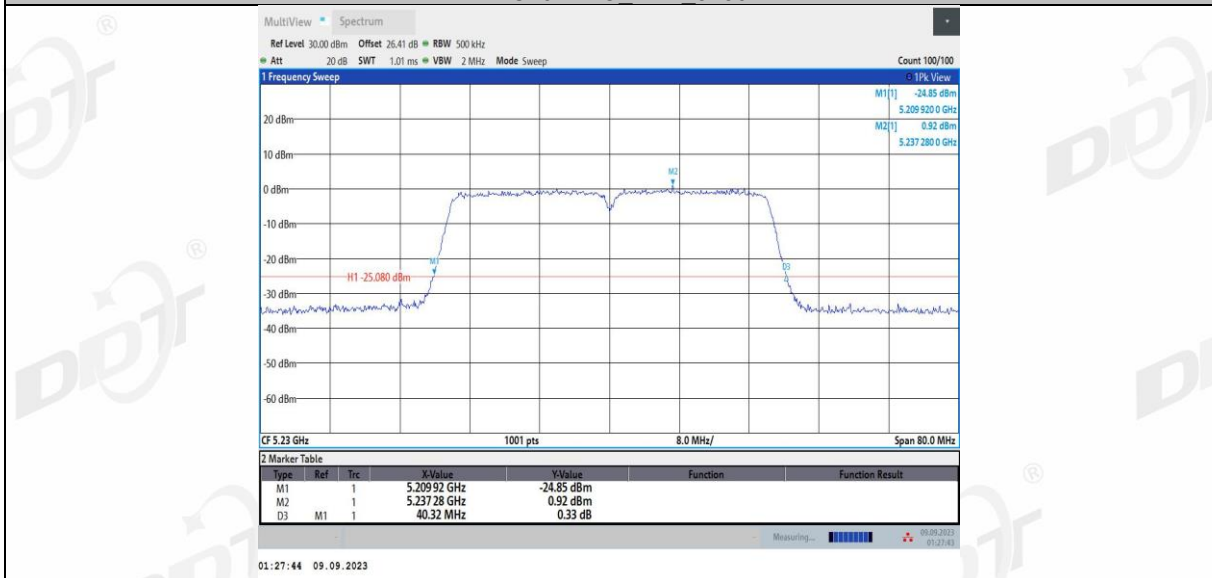
11AC40MIMO Ant1_5190



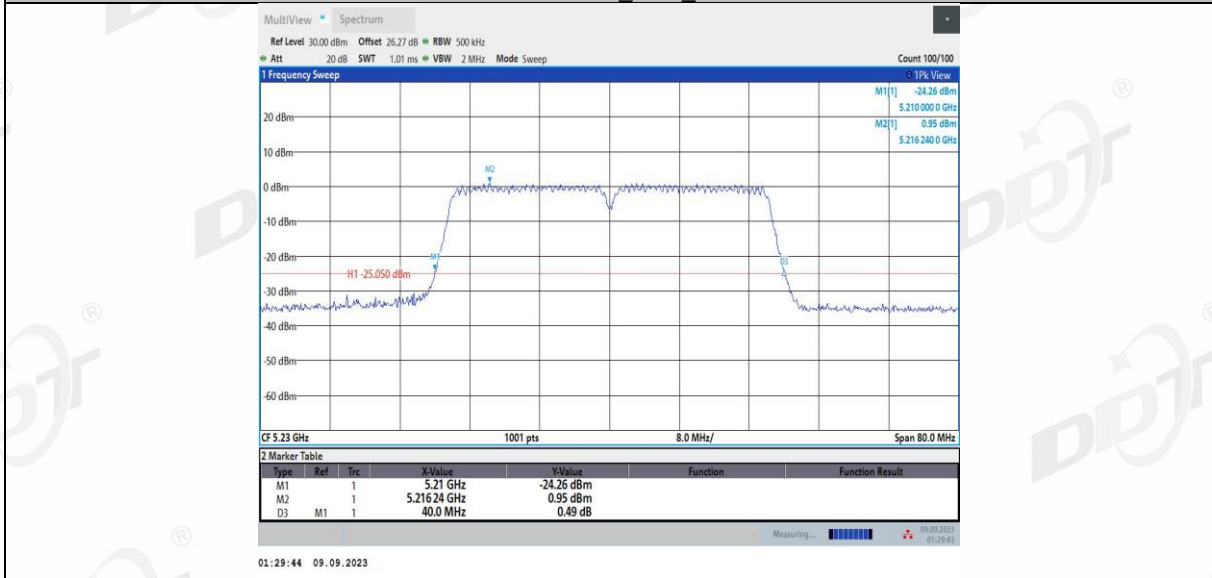
11AC40MIMO Ant2_5190



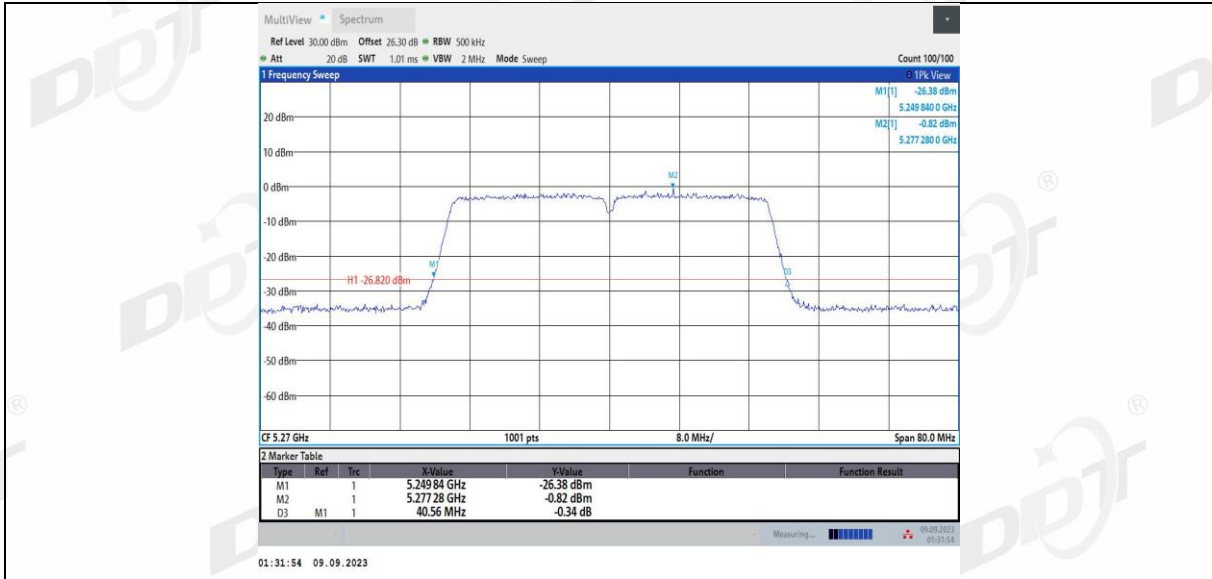
11AC40MIMO Ant1_5230



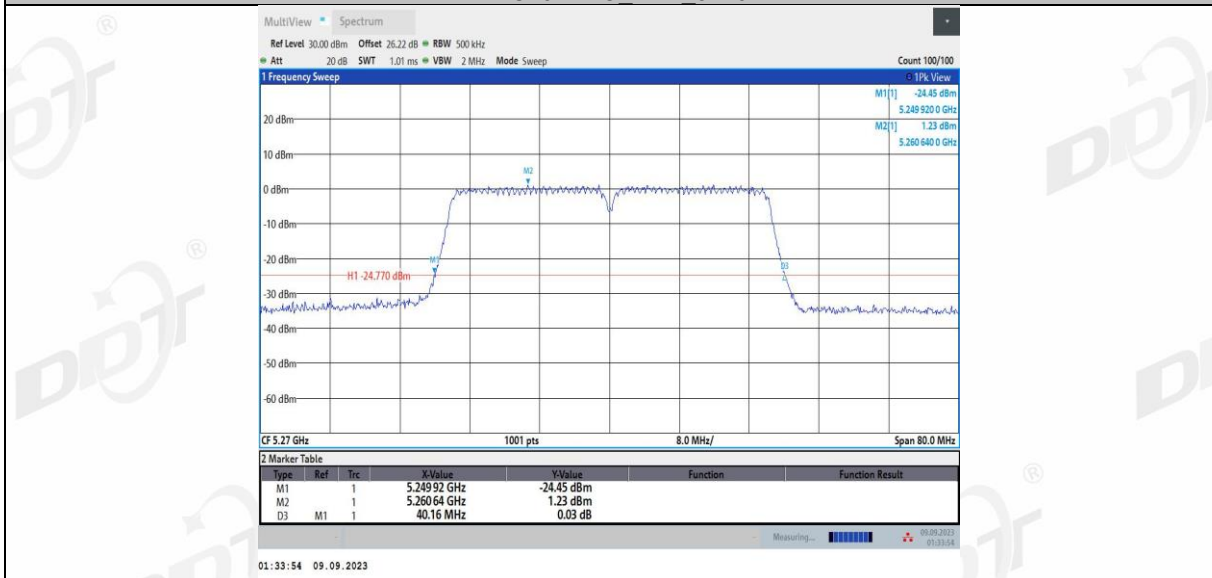
11AC40MIMO Ant2_5230



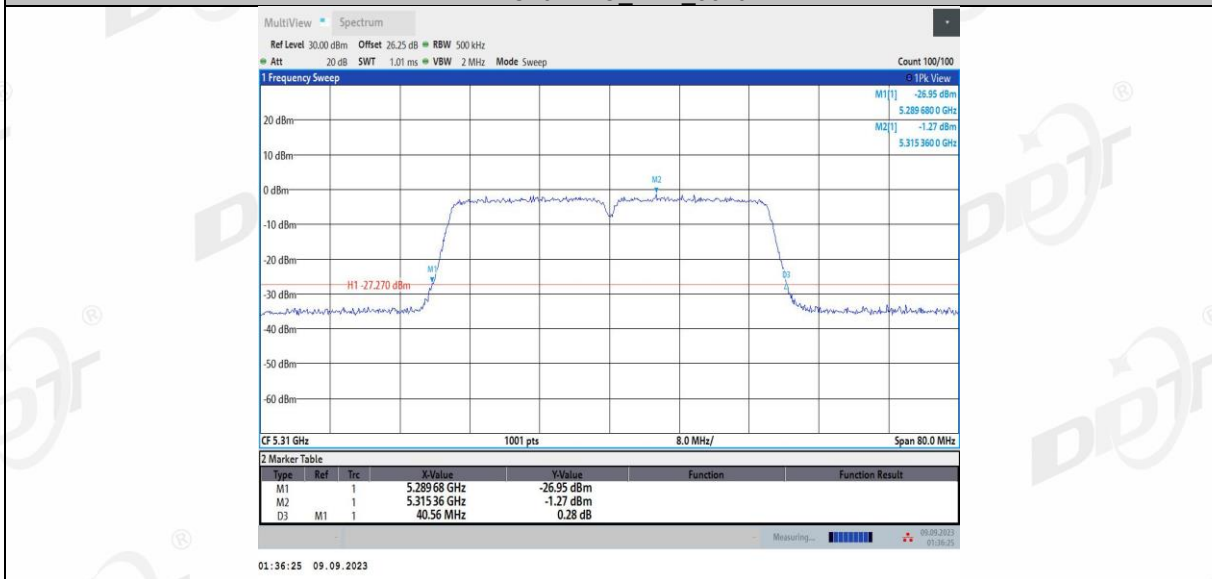
11AC40MIMO Ant1_5270



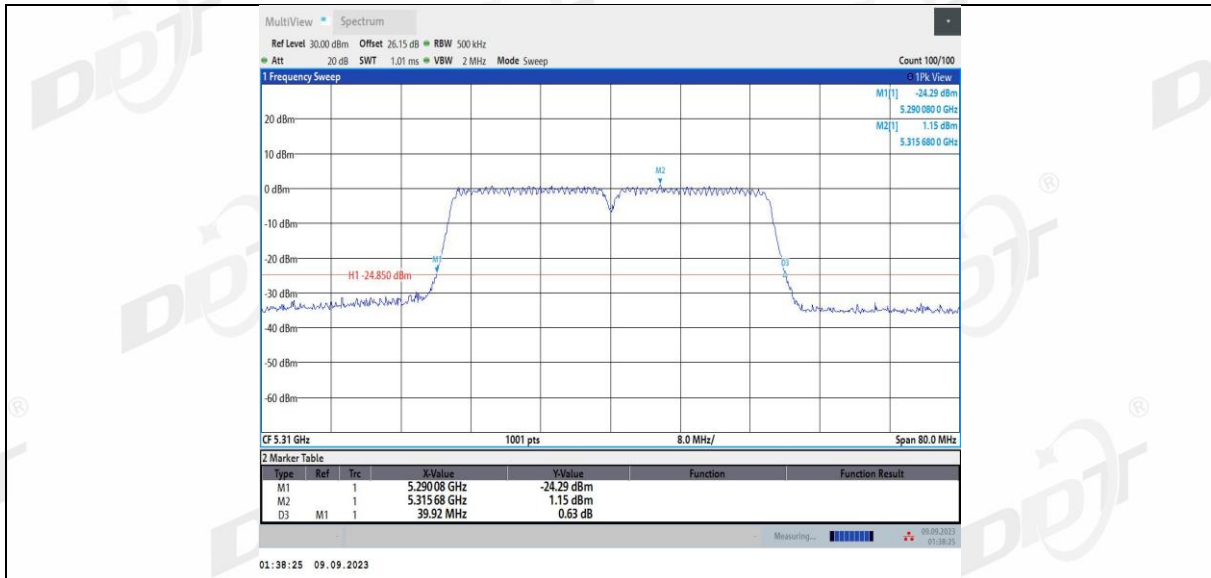
11AC40MIMO Ant2_5270



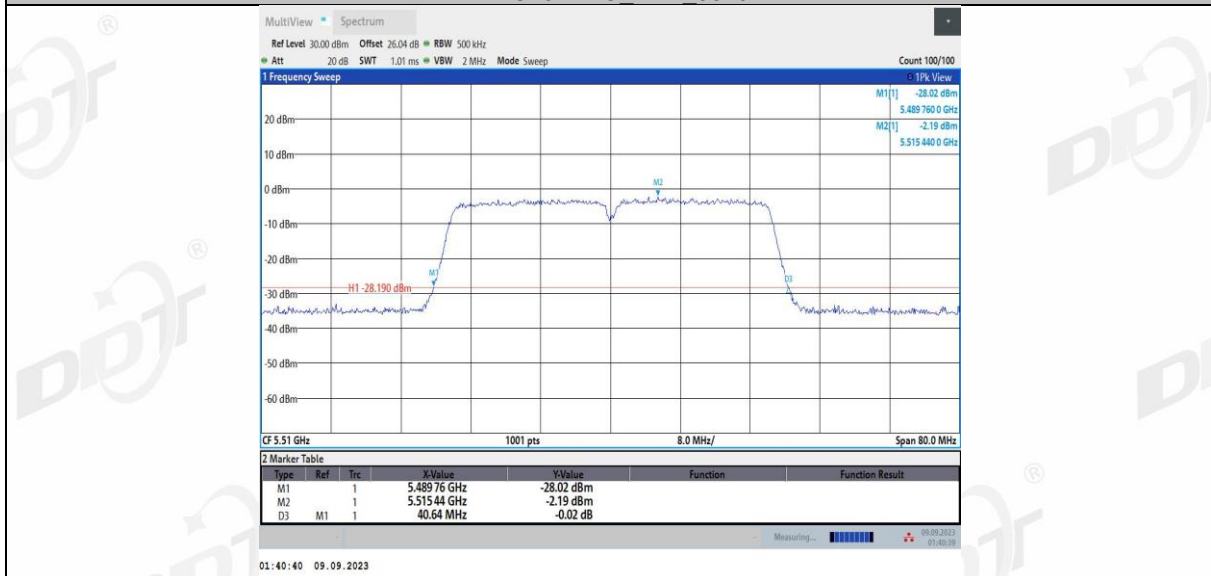
11AC40MIMO Ant1_5310



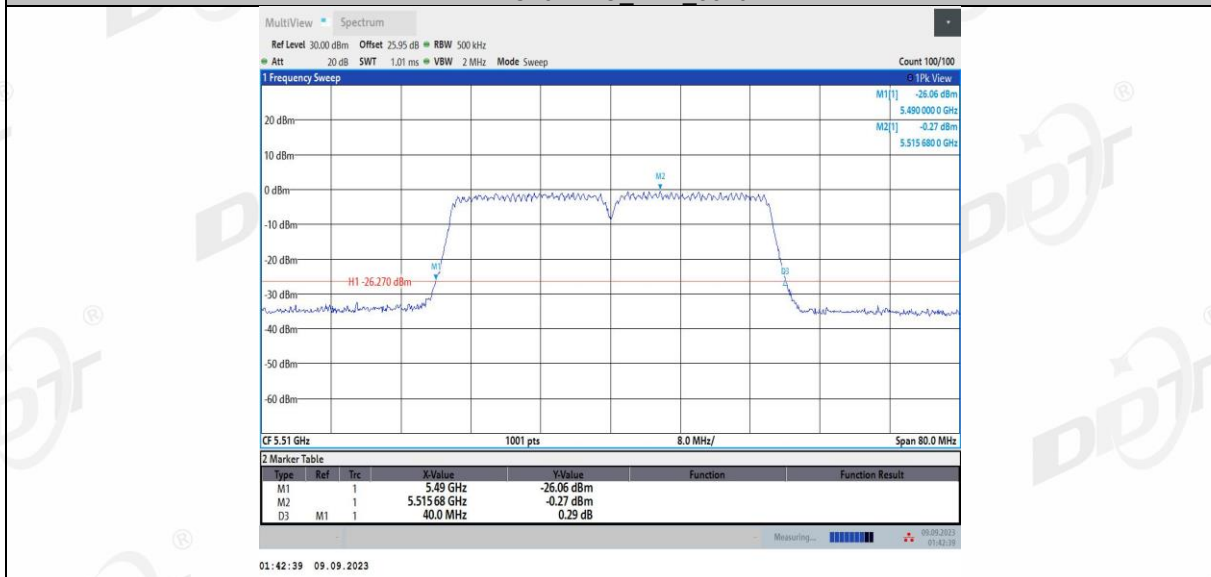
11AC40MIMO Ant2_5310



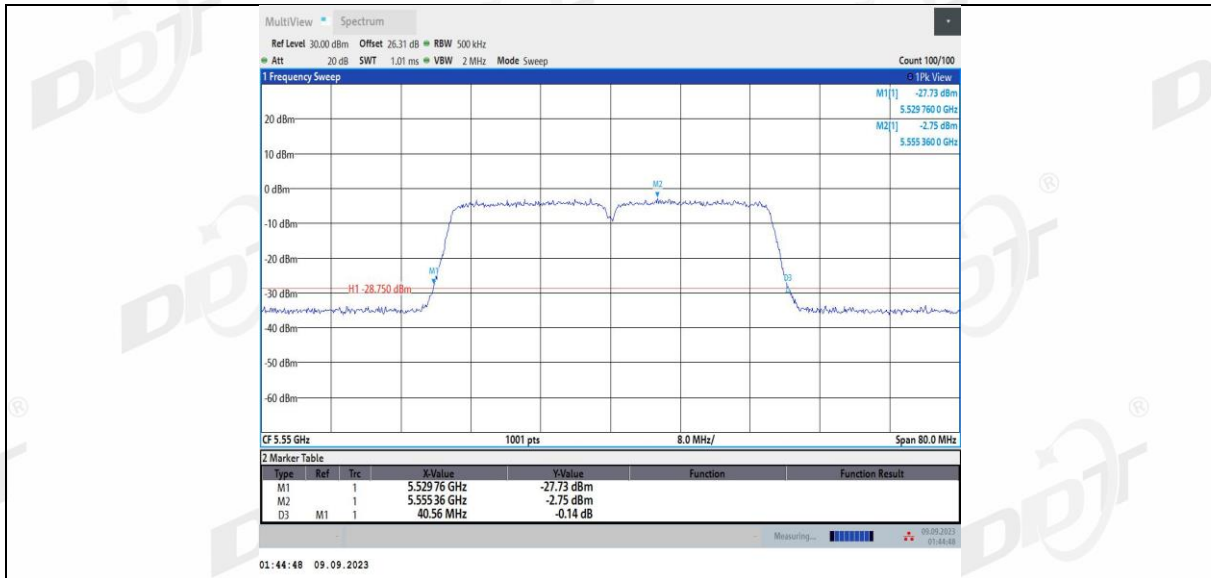
11AC40MIMO Ant1_5510



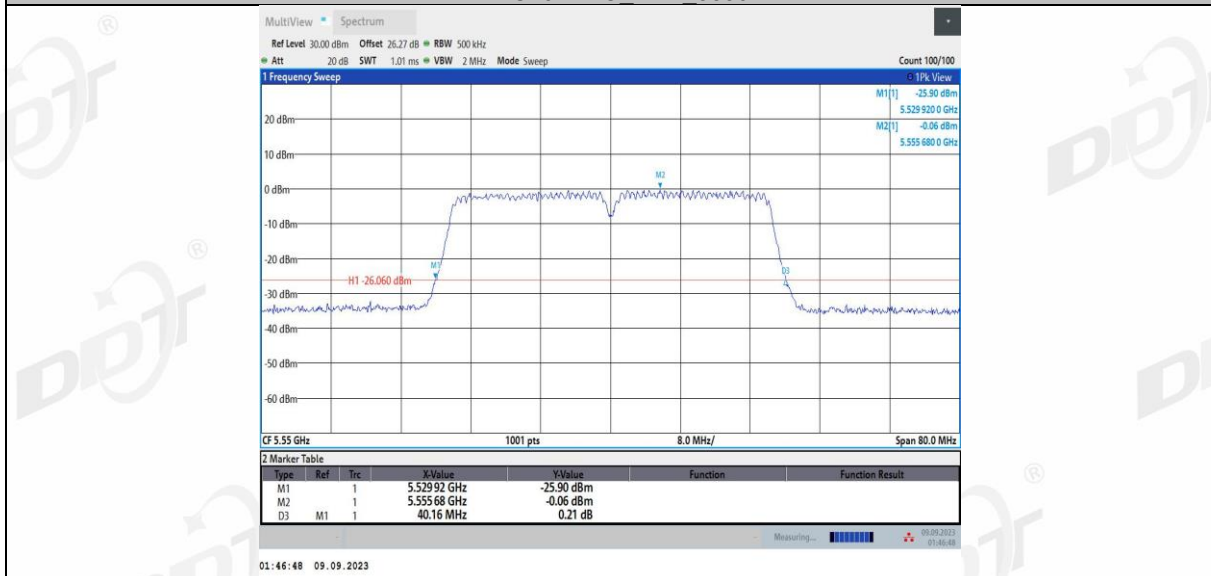
11AC40MIMO Ant2_5510



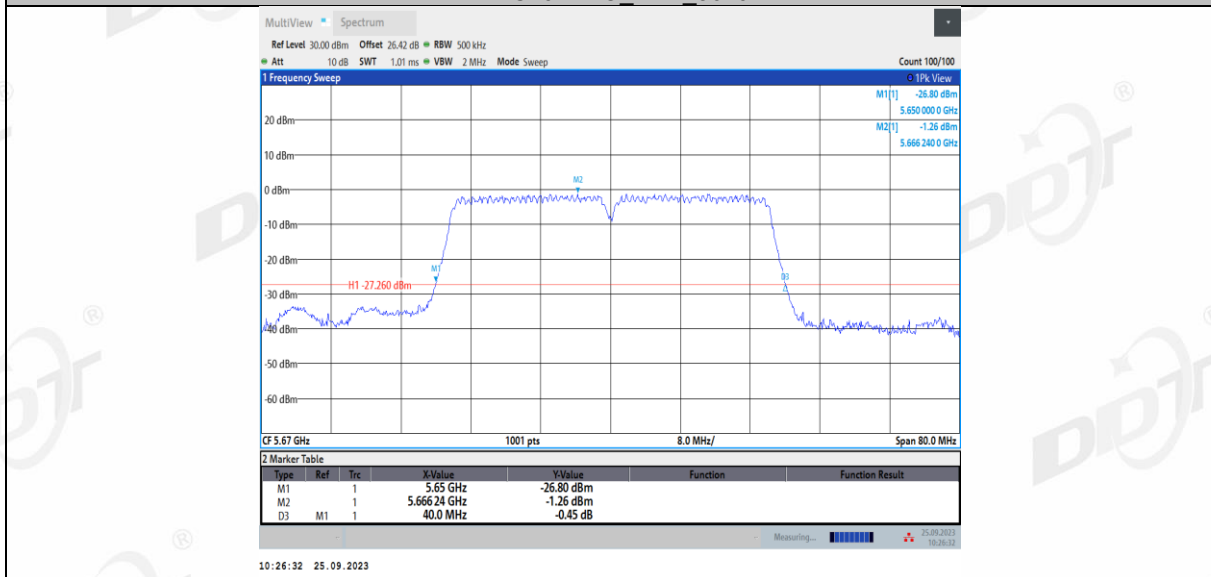
11AC40MIMO Ant1_5550



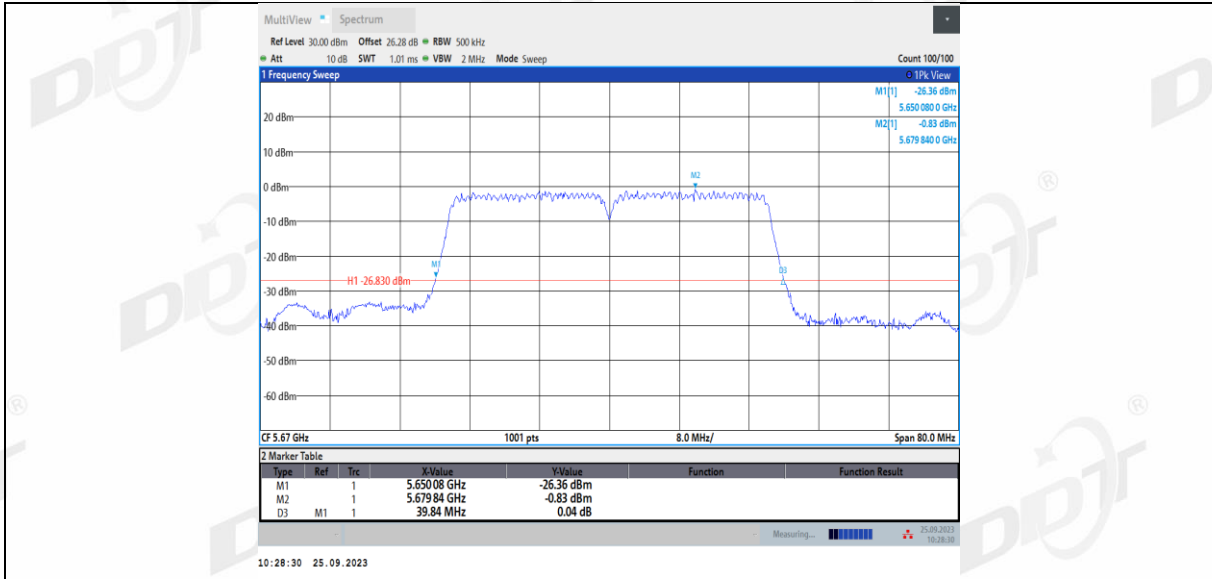
11AC40MIMO Ant2_5550



11AC40MIMO Ant1_5670



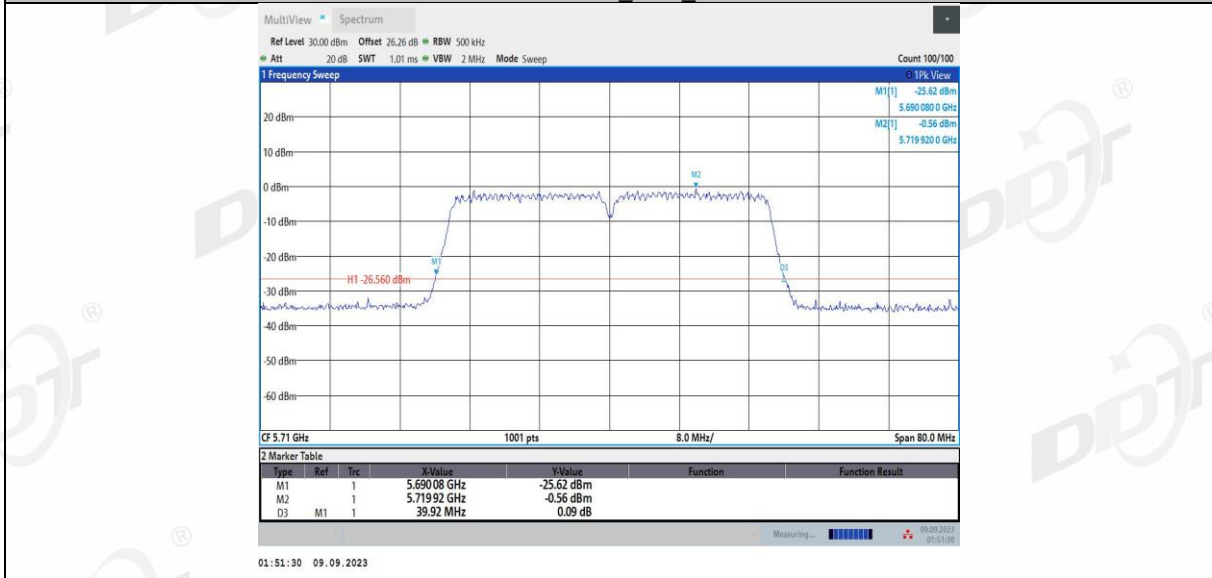
11AC40MIMO Ant2_5670



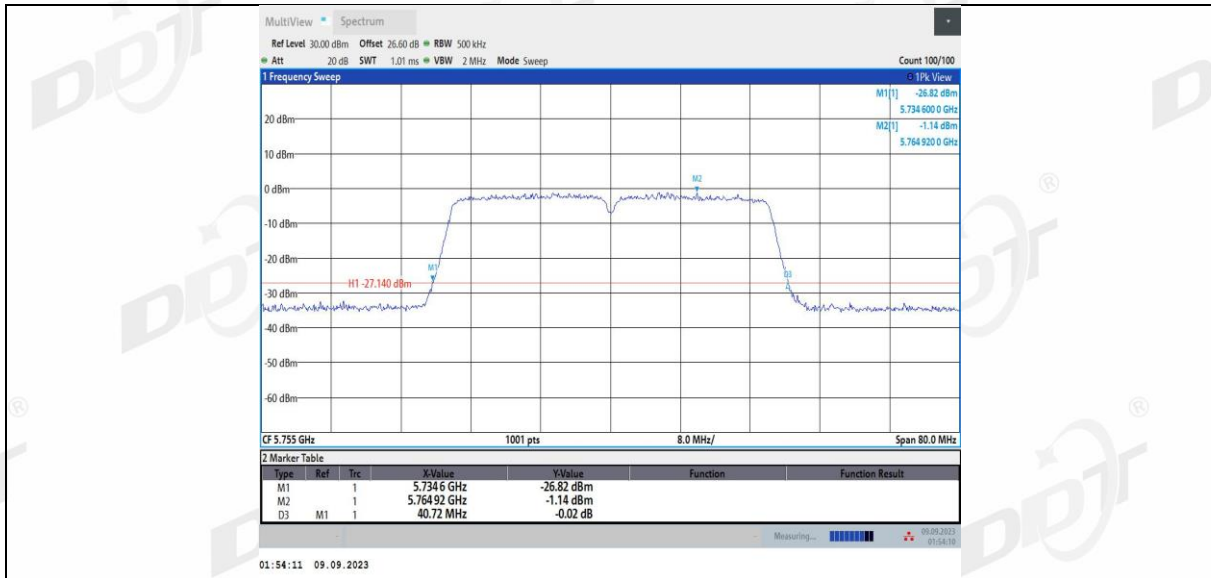
11AC40MIMO Ant1_5710



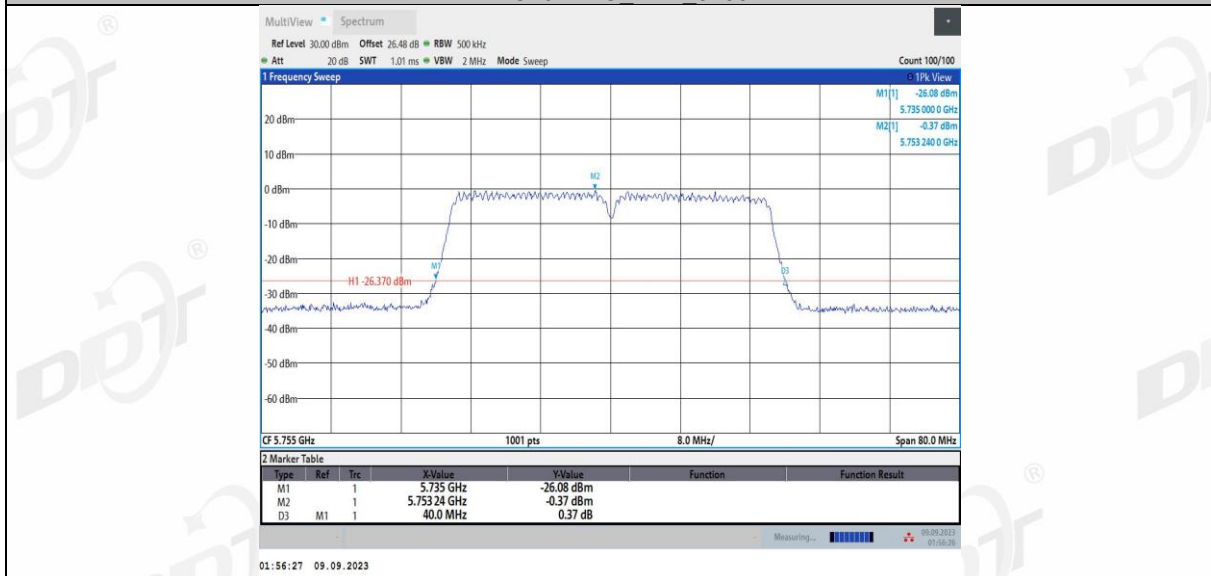
11AC40MIMO Ant2_5710



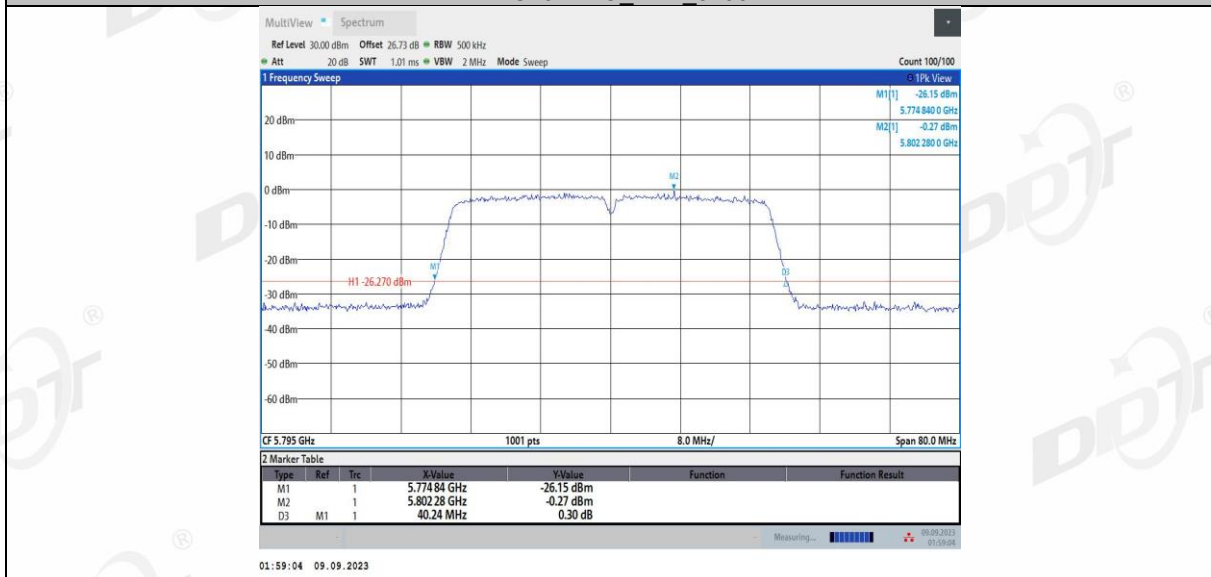
11AC40MIMO Ant1_5755



11AC40MIMO Ant2_5755



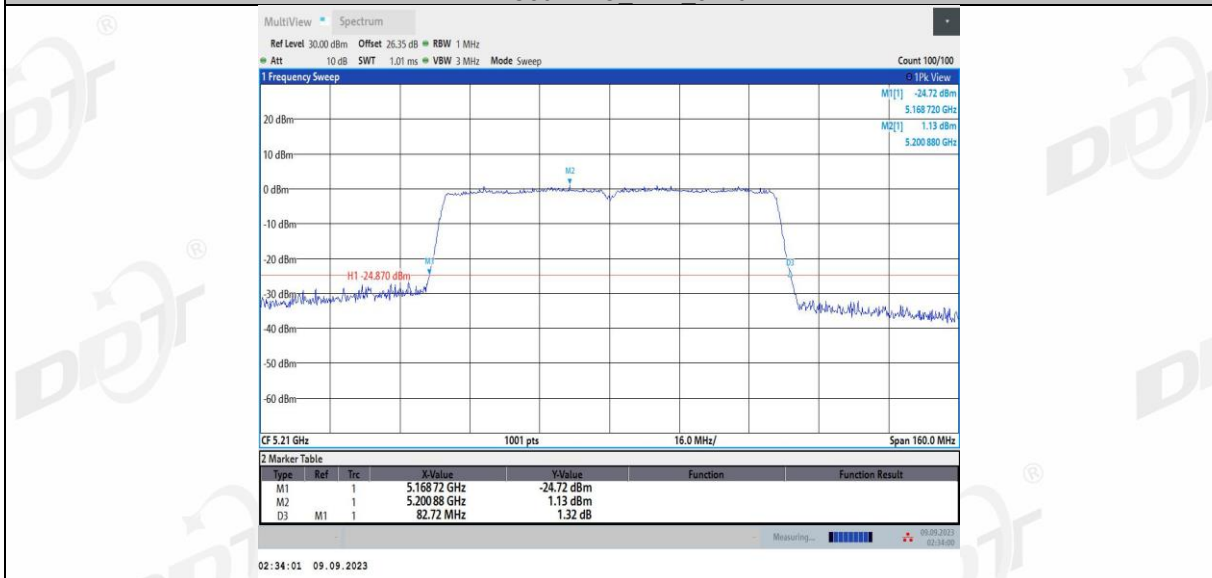
11AC40MIMO Ant1_5795



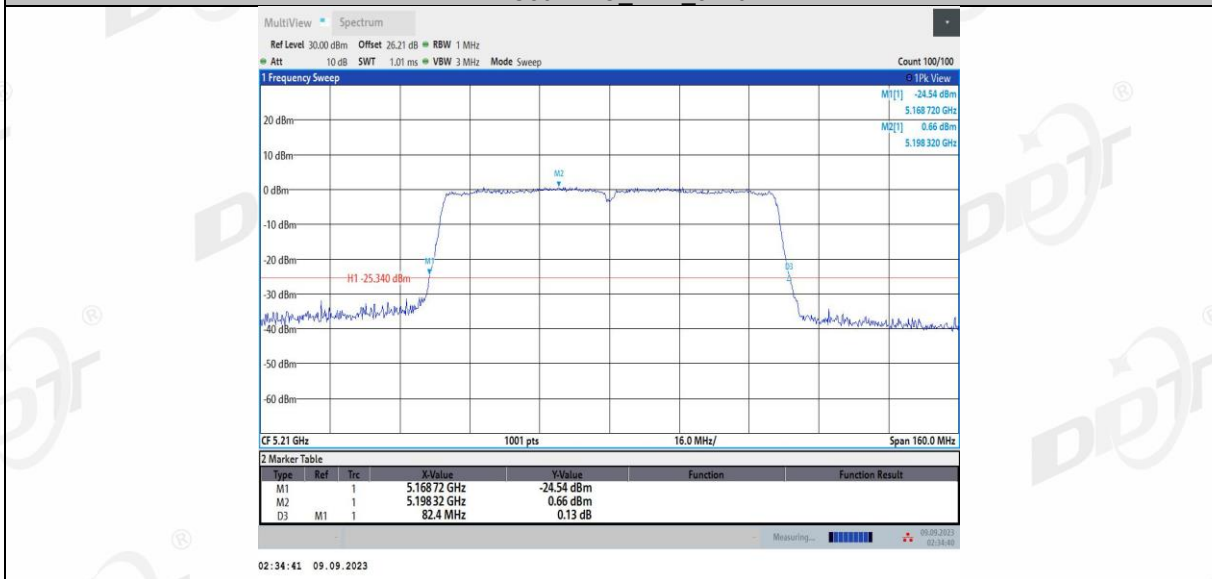
11AC40MIMO Ant2_5795



11AC80MIMO_Ant1_5210



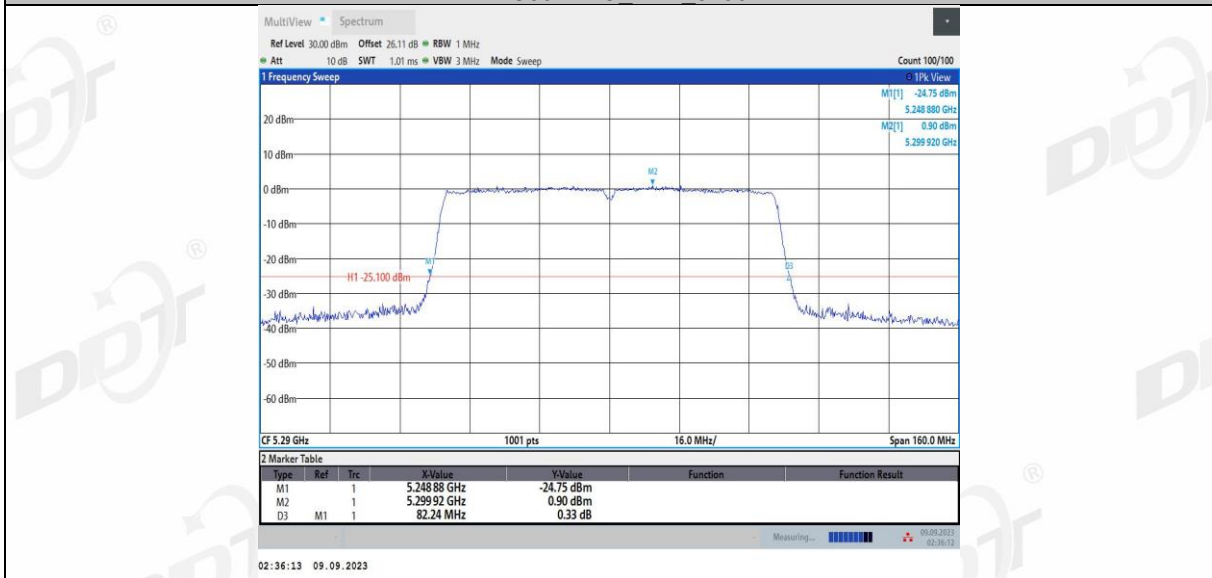
11AC80MIMO_Ant2_5210



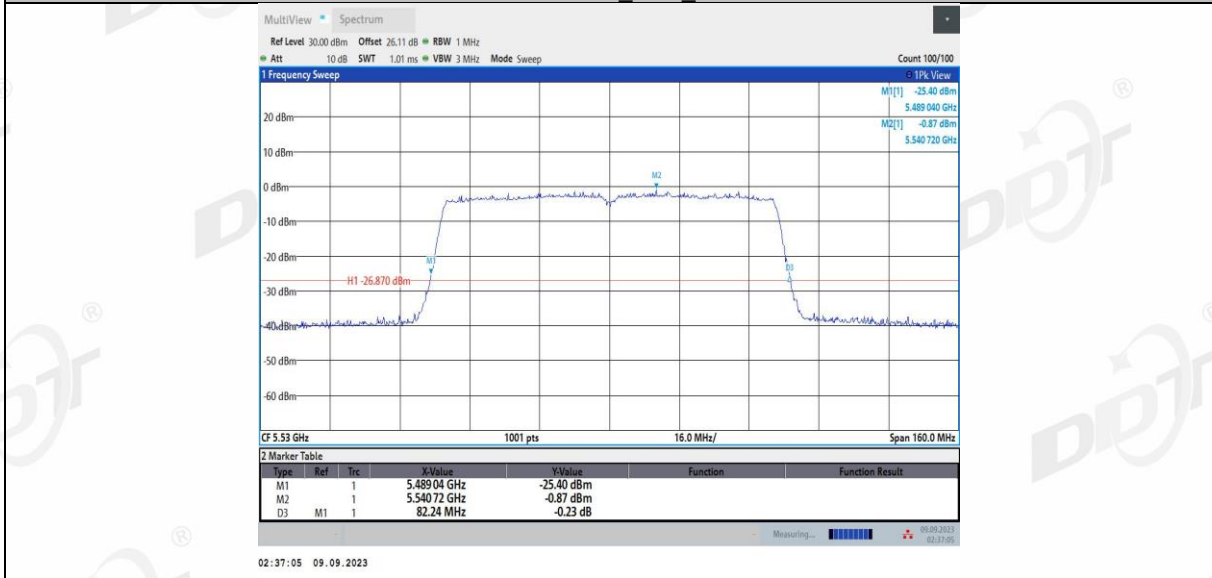
11AC80MIMO_Ant1_5290



11AC80MIMO Ant2_5290



11AC80MIMO Ant1_5530



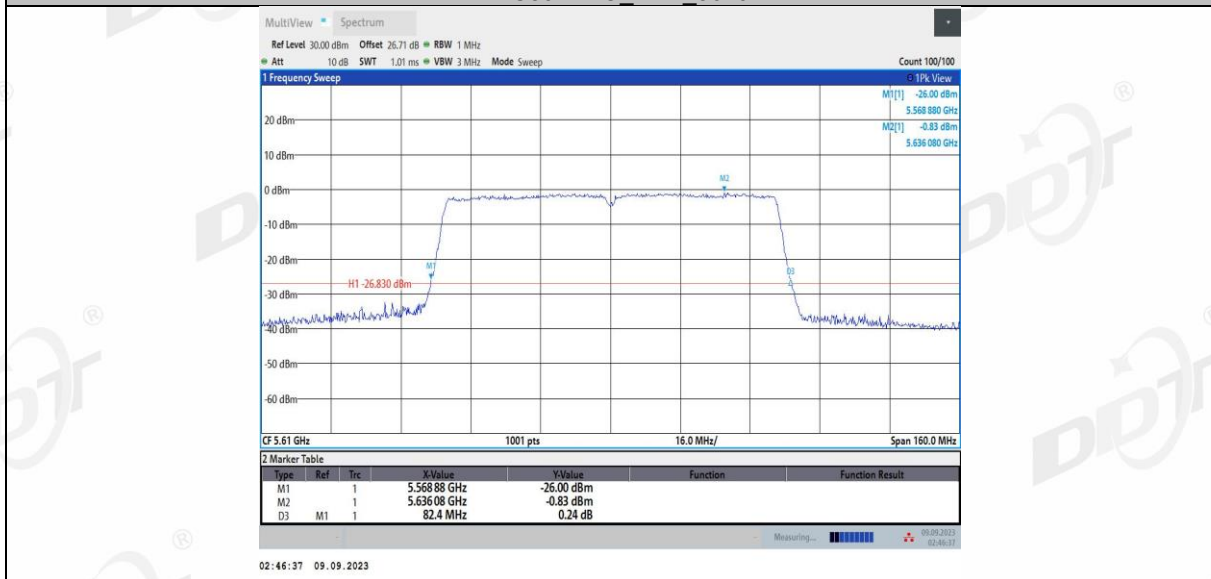
11AC80MIMO Ant2_5530



11AC80MIMO Ant1_5610



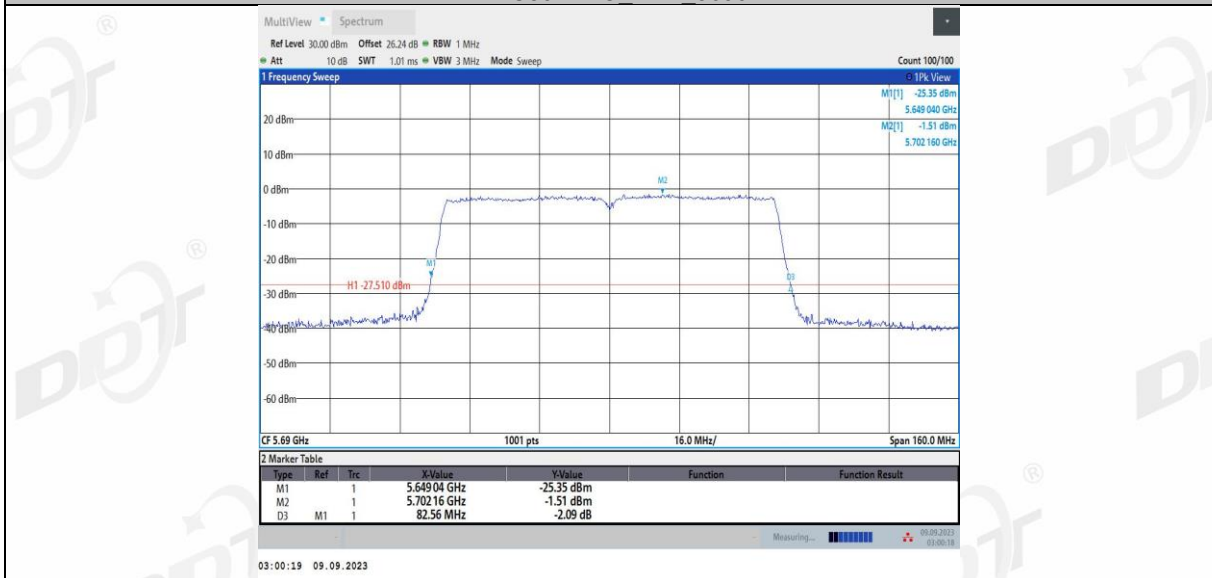
11AC80MIMO Ant2_5610



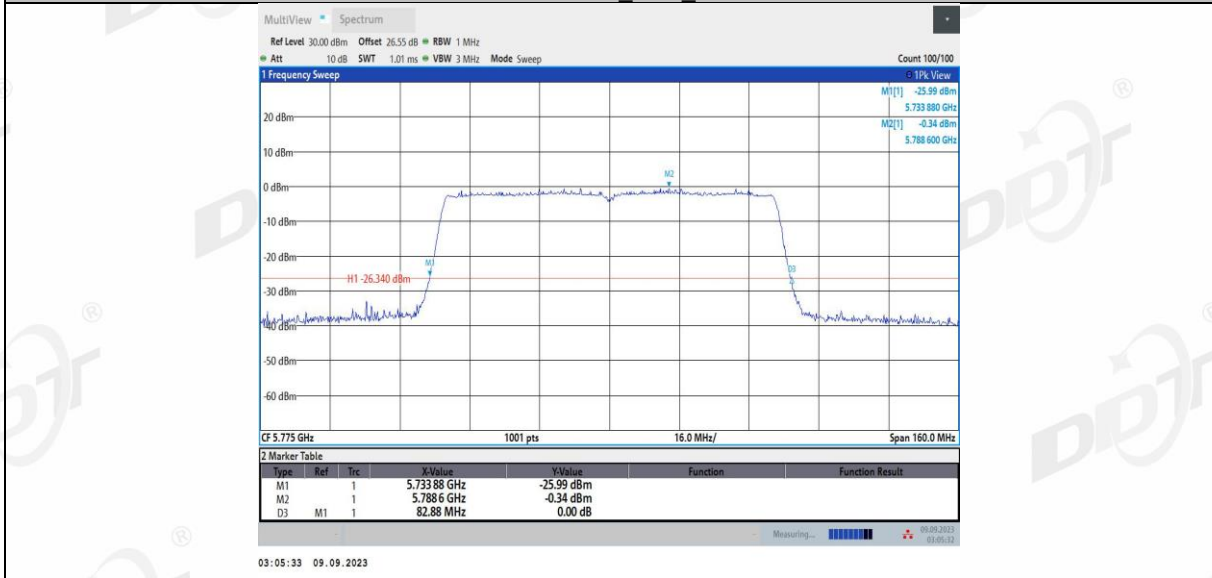
11AC80MIMO Ant1_5690



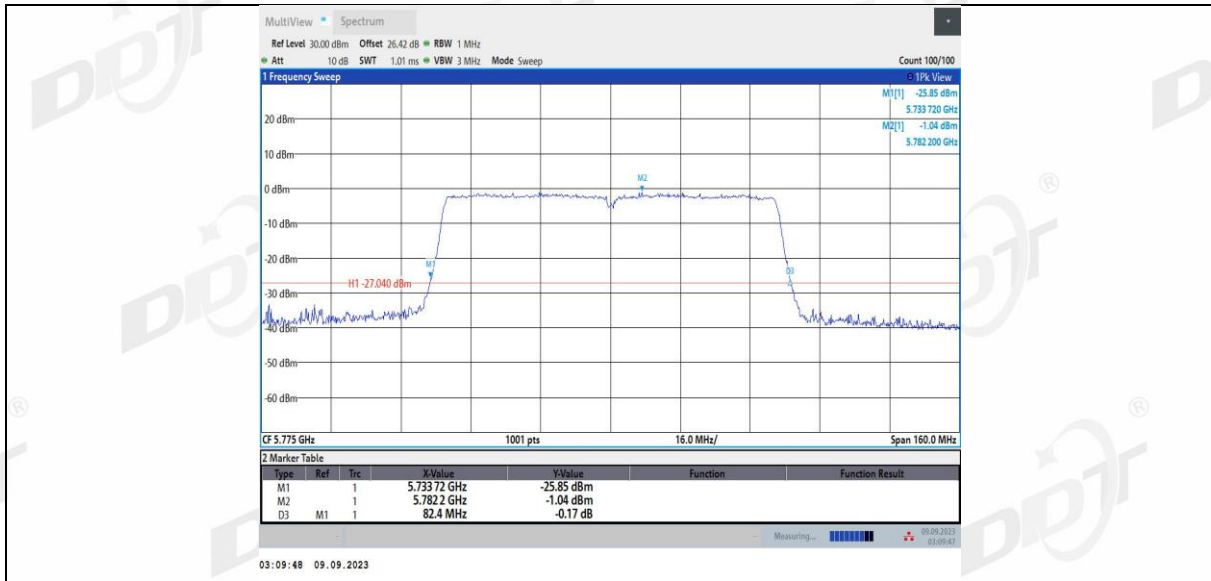
11AC80MIMO_Ant2_5690



11AC80MIMO_Ant1_5775

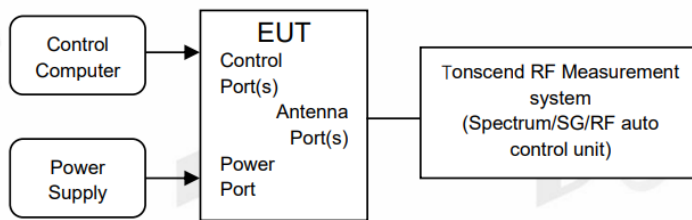


11AC80MIMO_Ant2_5775



5. 6dB Bandwidth

5.1. Block diagram of test setup



5.2. Limits

FCC Part15, Subpart E		
Test Item	Limit	Frequency Range (MHz)
6 dB Bandwidth	Minimum 500 kHz	5725 - 5850

5.3. Test procedure

Connect EUT's antenna output to spectrum analyzer by RF cable.

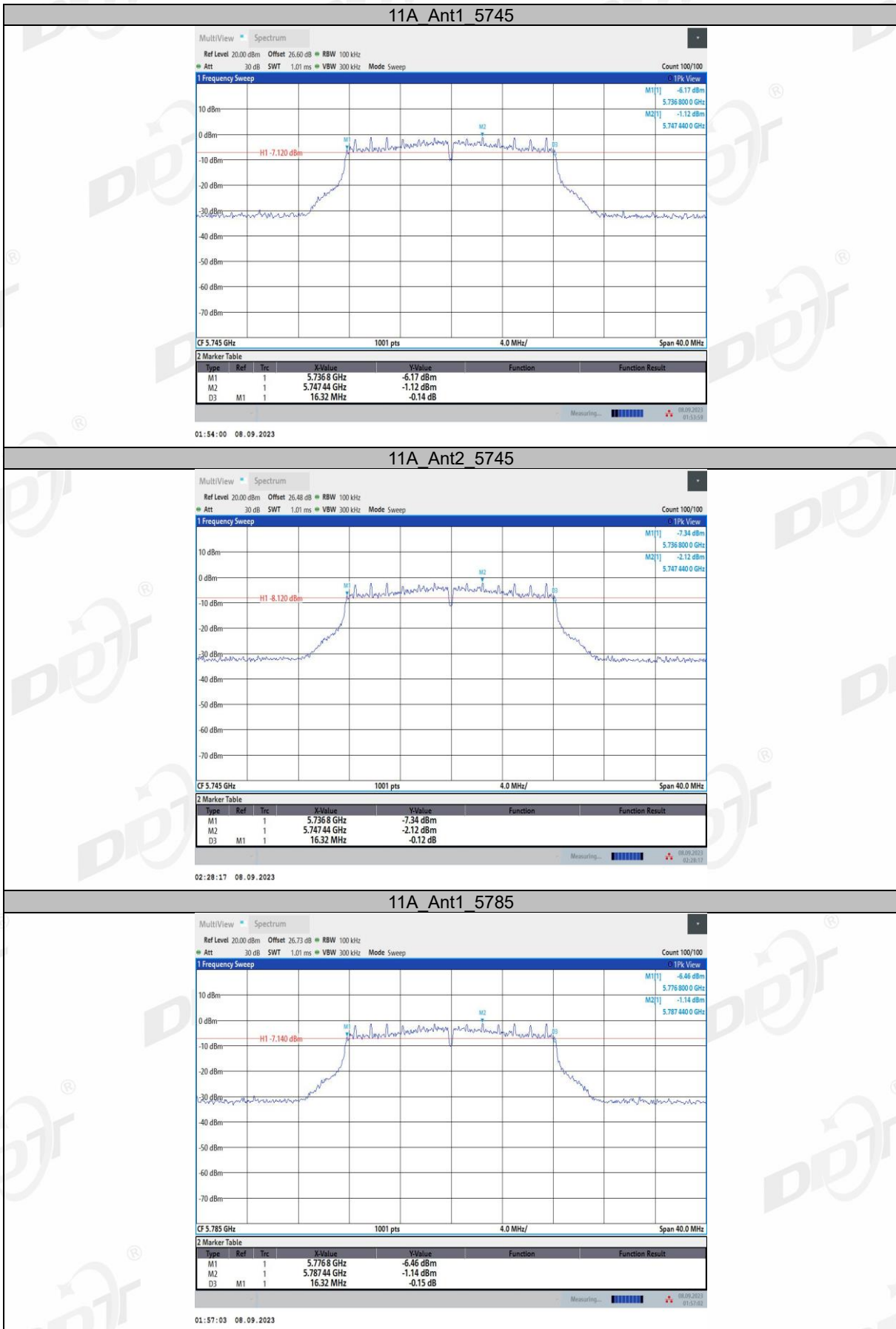
Center Frequency	The center frequency of the channel under test
Detector	Peak
RBW	For 6 dB Bandwidth: RBW=100 kHz For 26 dB Bandwidth: approximately 1% of the emission bandwidth.
VBW	For 6 dB Bandwidth: VBW=300 kHz For 26 dB Bandwidth: >3 RBW
Trace	Max hold
Sweep	Auto couple

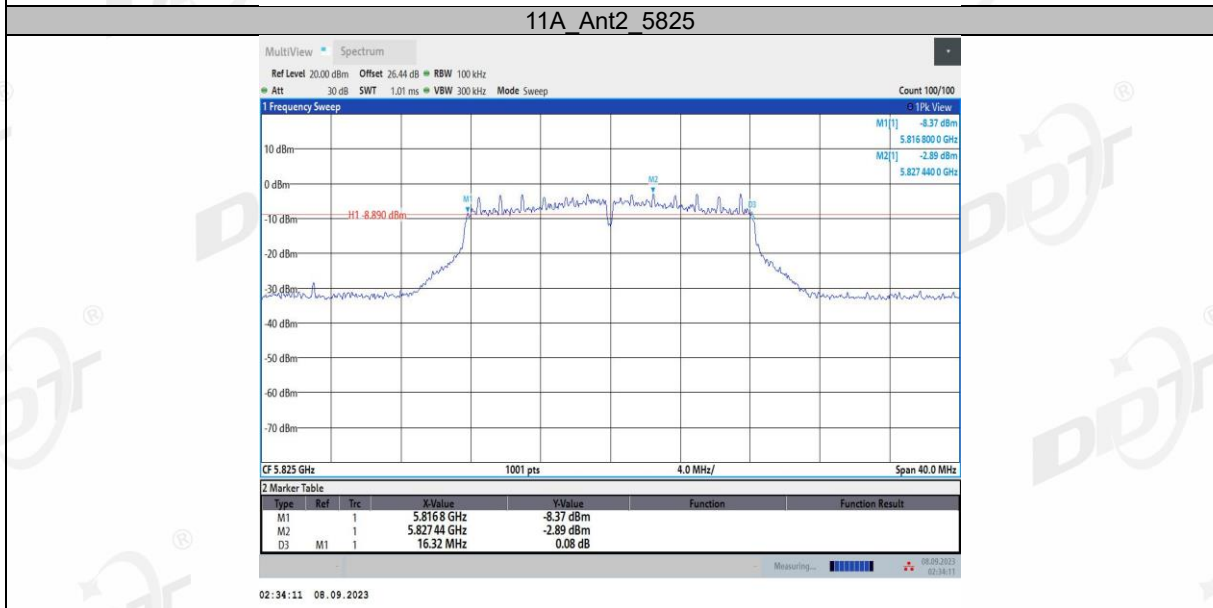
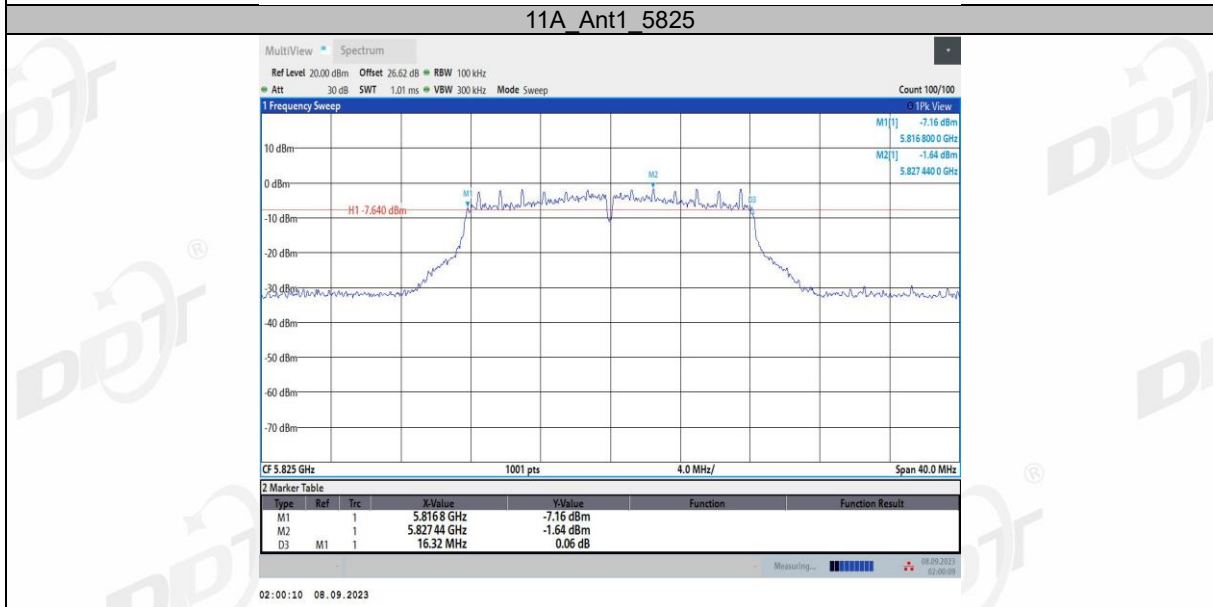
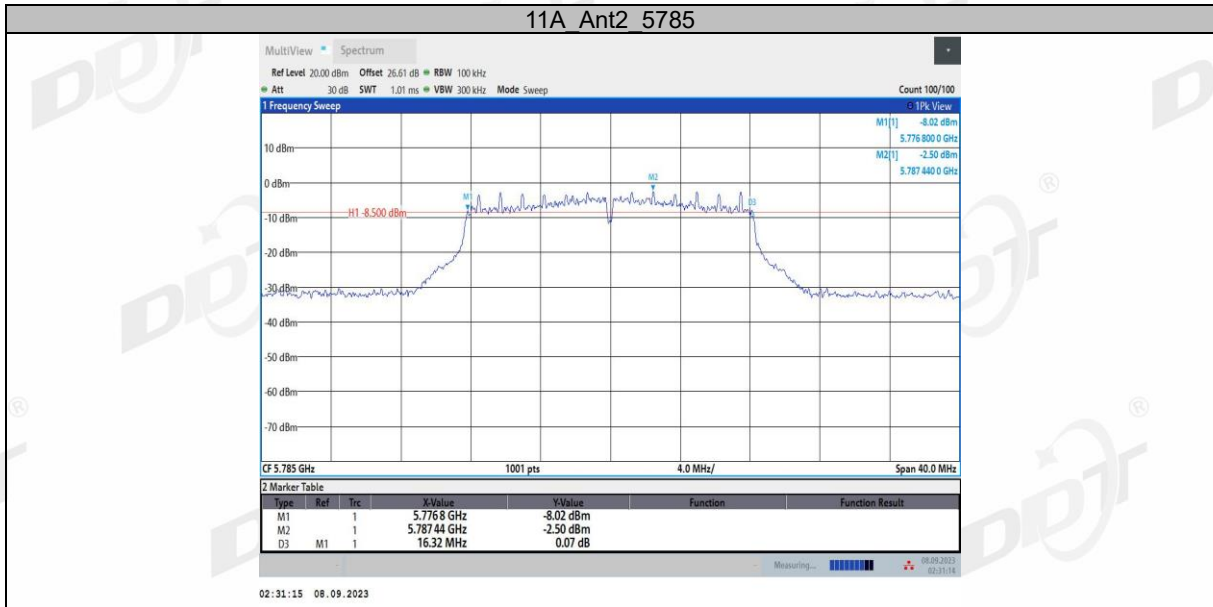
Allow the trace to stabilize, measure the maximum width of the emission that is constrained by the frequencies associated with the two outermost amplitude points (upper and lower frequencies) that are attenuated by 6 dB relative to the maximum level measured in the fundamental emission.

5.4. Test result

Test Mode	Antenna	Frequency[MHz]	6db EBW [MHz]	FL[MHz]	FH[MHz]	Limit[MHz]	Verdict
11A	Ant1	5745	16.32	5736.80	5753.12	0.5	PASS
	Ant2	5745	16.32	5736.80	5753.12	0.5	PASS
	Ant1	5785	16.32	5776.80	5793.12	0.5	PASS
	Ant2	5785	16.32	5776.80	5793.12	0.5	PASS
	Ant1	5825	16.32	5816.80	5833.12	0.5	PASS
	Ant2	5825	16.32	5816.80	5833.12	0.5	PASS
11N20MIMO	Ant1	5745	17.60	5736.20	5753.80	0.5	PASS
	Ant2	5745	17.60	5736.20	5753.80	0.5	PASS
	Ant1	5785	17.60	5776.20	5793.80	0.5	PASS
	Ant2	5785	17.60	5776.20	5793.80	0.5	PASS
	Ant1	5825	17.56	5816.24	5833.80	0.5	PASS
	Ant2	5825	17.60	5816.20	5833.80	0.5	PASS
11N40MIMO	Ant1	5755	36.40	5736.84	5773.24	0.5	PASS
	Ant2	5755	36.40	5736.84	5773.24	0.5	PASS
	Ant1	5795	36.32	5776.84	5813.16	0.5	PASS
	Ant2	5795	36.40	5776.84	5813.24	0.5	PASS
11AC20MIMO	Ant1	5745	17.56	5736.24	5753.80	0.5	PASS
	Ant2	5745	17.60	5736.20	5753.80	0.5	PASS
	Ant1	5785	17.56	5776.24	5793.80	0.5	PASS
	Ant2	5785	17.56	5776.24	5793.80	0.5	PASS
	Ant1	5825	17.56	5816.24	5833.80	0.5	PASS
	Ant2	5825	17.56	5816.24	5833.80	0.5	PASS
11AC40MIMO	Ant1	5755	36.40	5736.84	5773.24	0.5	PASS
	Ant2	5755	36.40	5736.84	5773.24	0.5	PASS
	Ant1	5795	36.32	5776.92	5813.24	0.5	PASS
	Ant2	5795	36.40	5776.84	5813.24	0.5	PASS
11AC80MIMO	Ant1	5775	76.32	5736.92	5813.24	0.5	PASS
	Ant2	5775	76.32	5736.92	5813.24	0.5	PASS

5.5. Test graphs





11N20MIMO Ant1 5745



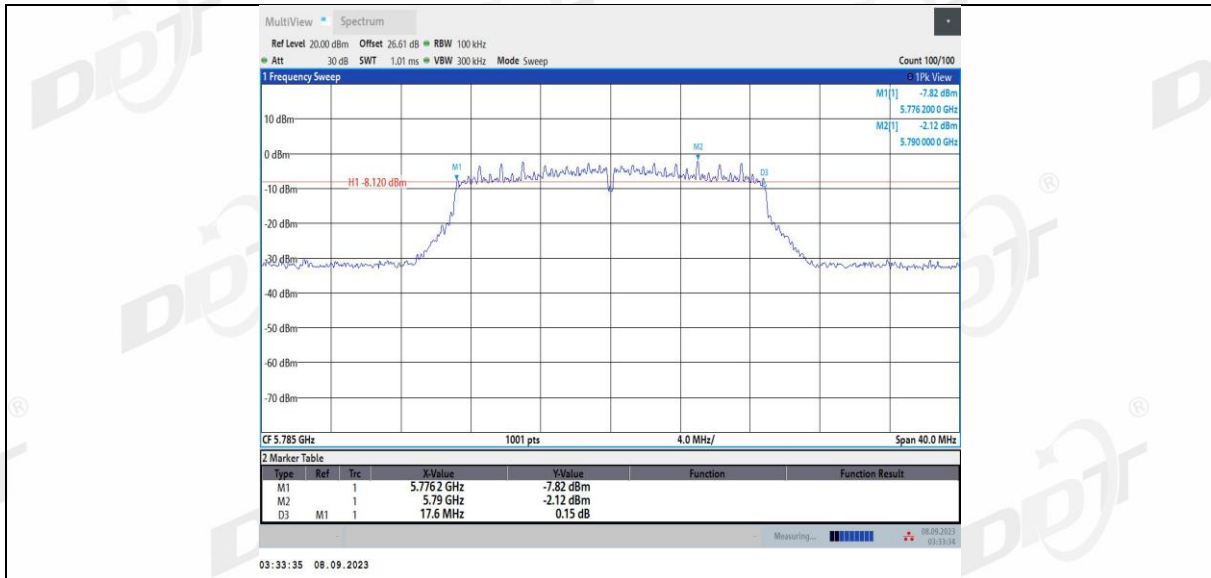
11N20MIMO Ant2 5745



11N20MIMO Ant1 5785



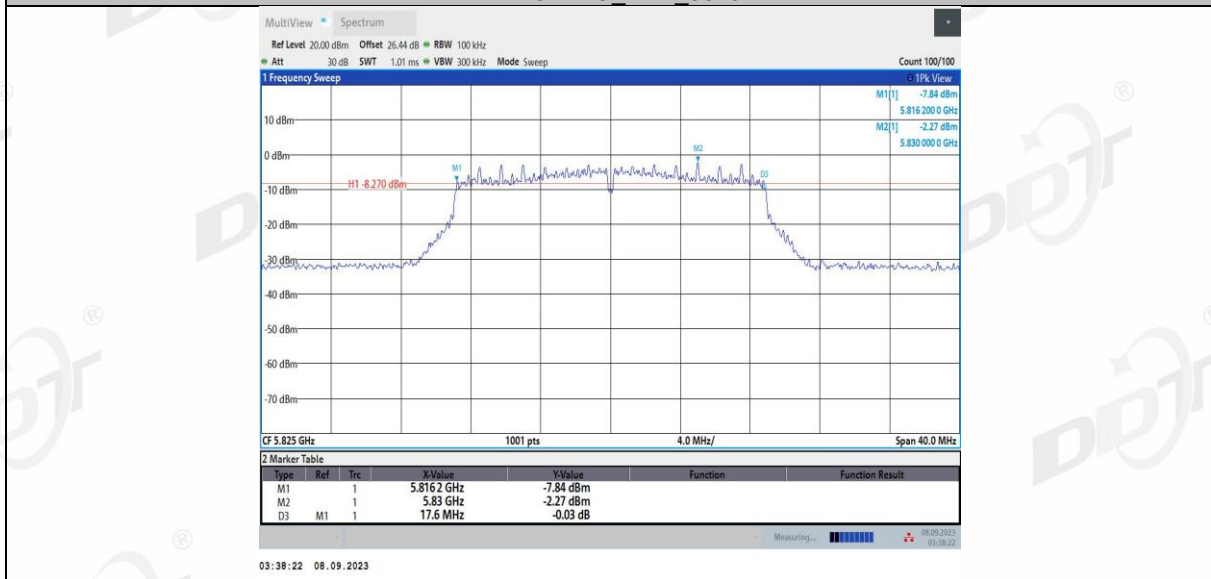
11N20MIMO Ant2 5785



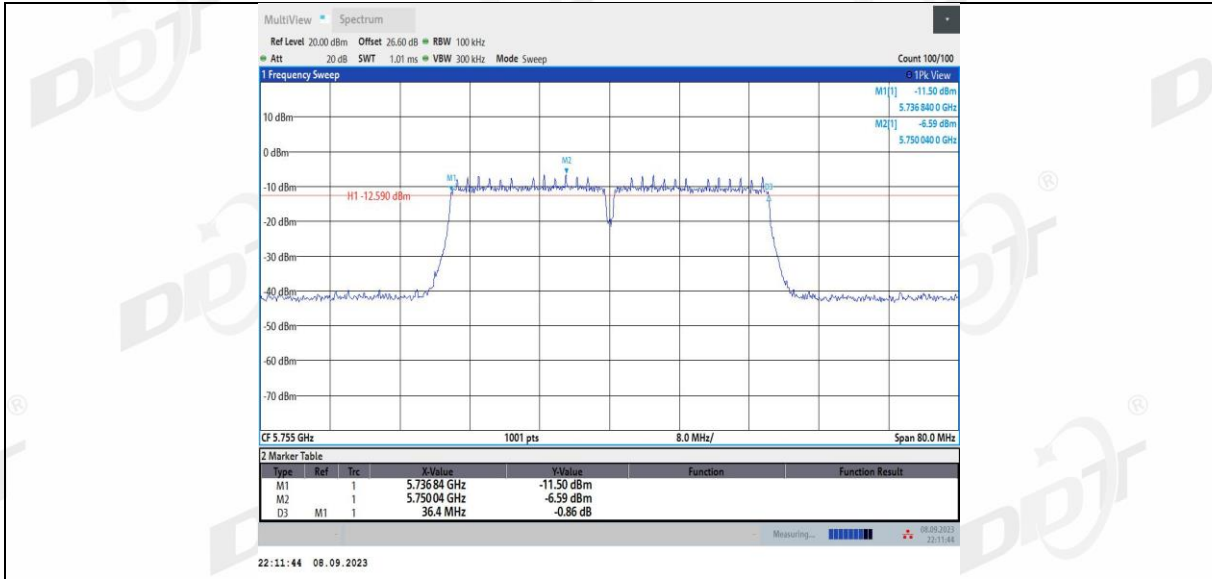
11N20MIMO Ant1 5825



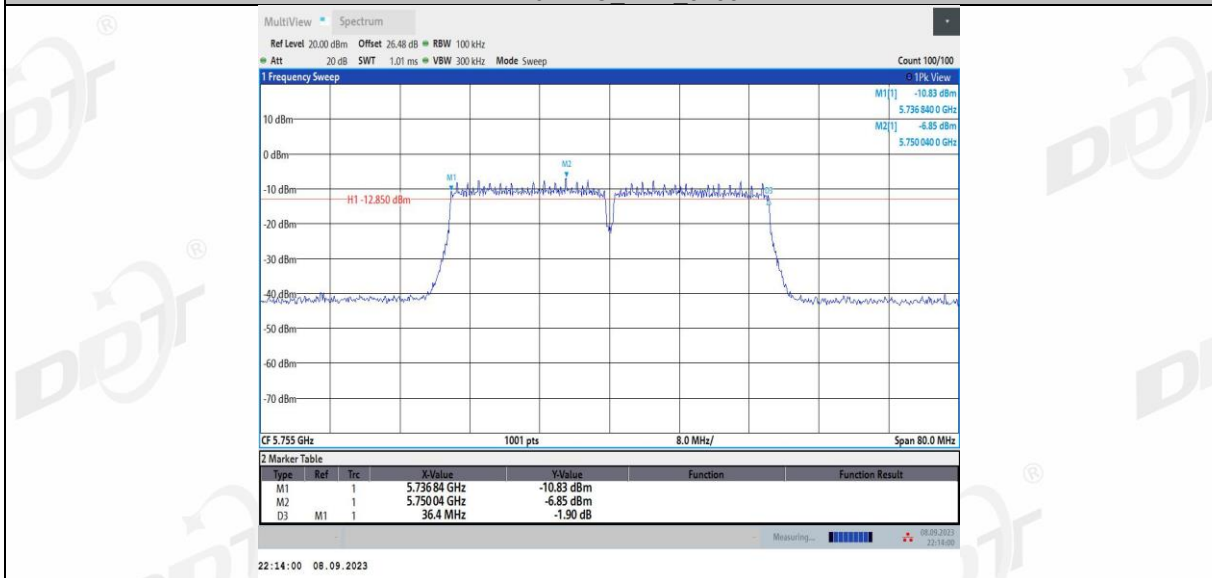
11N20MIMO Ant2 5825



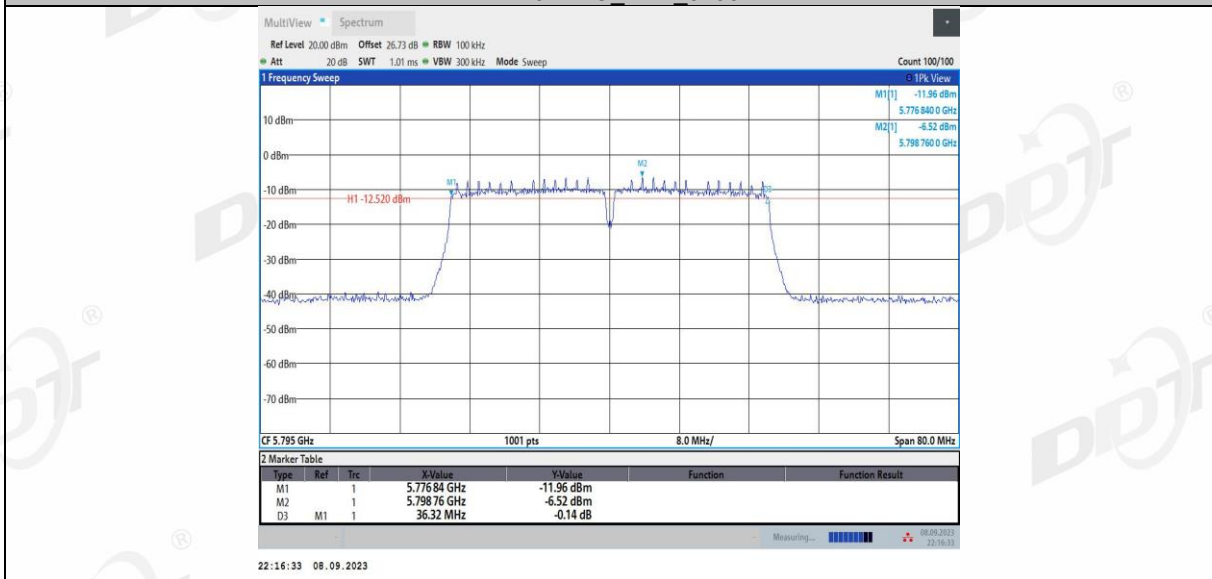
11N40MIMO Ant1 5755



11N40MIMO Ant2 5755



11N40MIMO Ant1 5795



11N40MIMO Ant2 5795