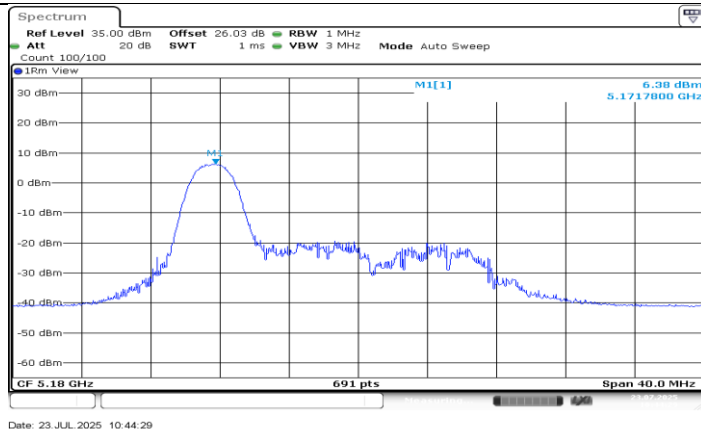
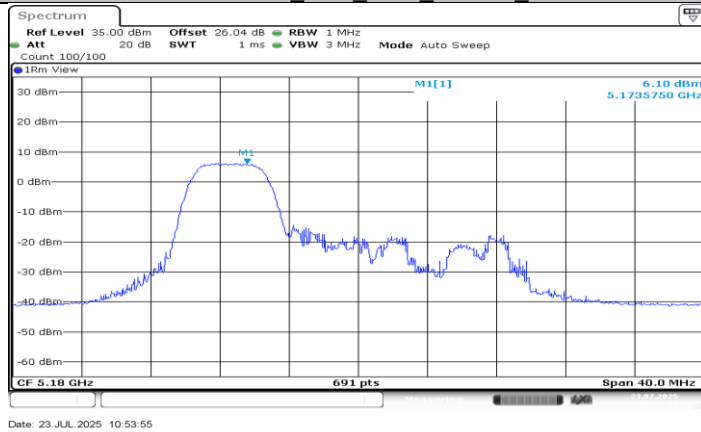




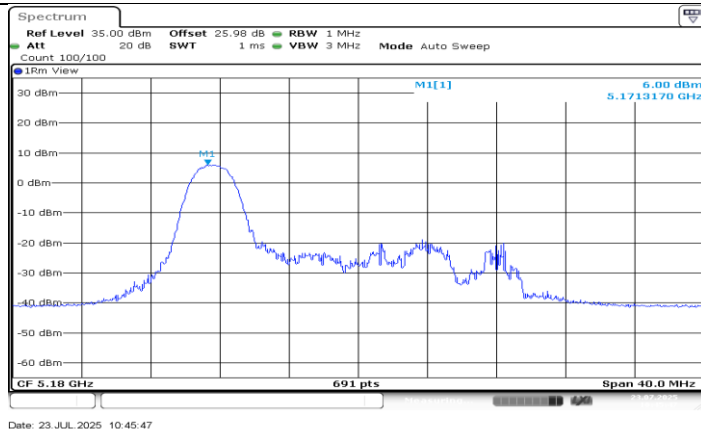
11AX20MIMO_Ant0_5180_26Tone_RU0



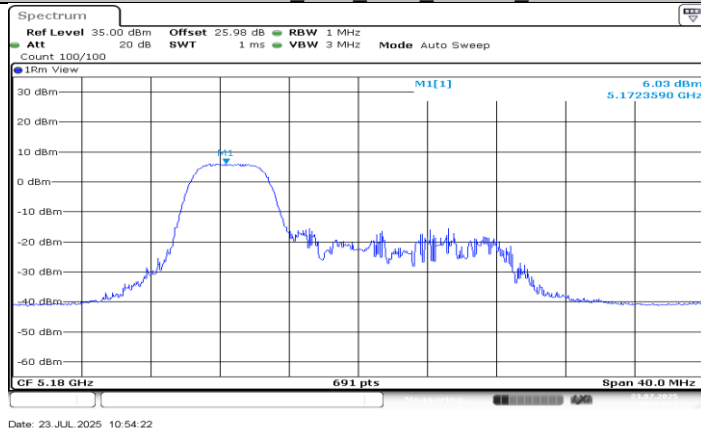
11AX20MIMO_Ant0_5180_52Tone_RU37



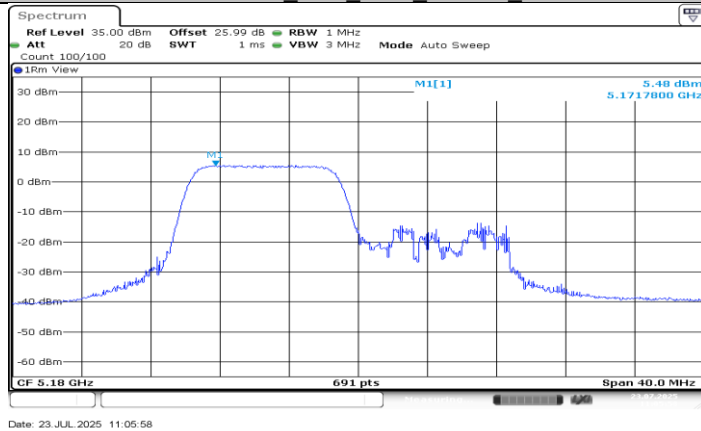
11AX20MIMO_Ant0_5180_106Tone_RU53



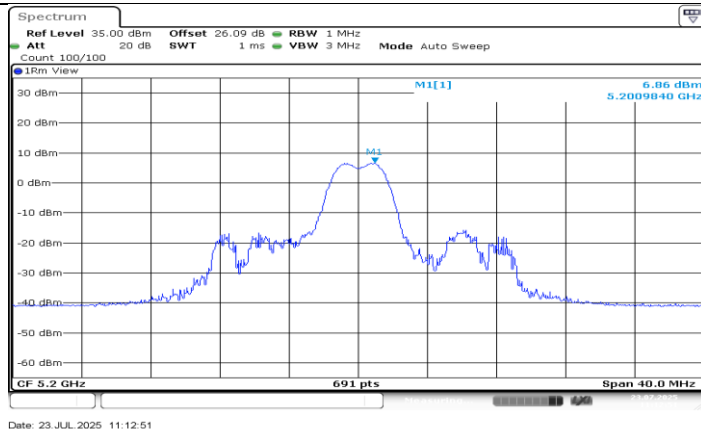
11AX20MIMO_Ant1_5180_26Tone_RU0



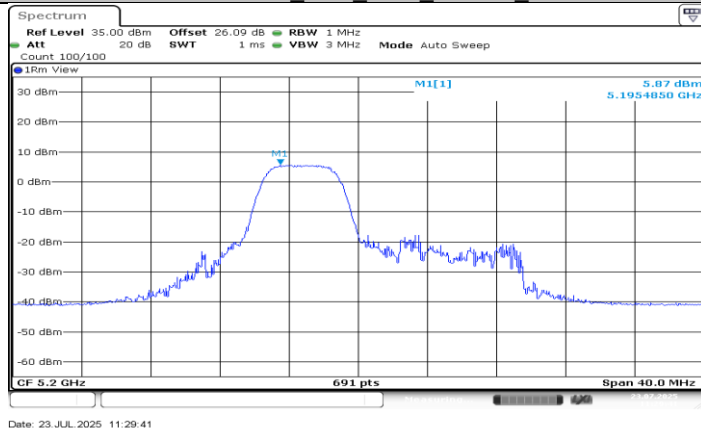
11AX20MIMO_Ant1_5180_52Tone_RU37



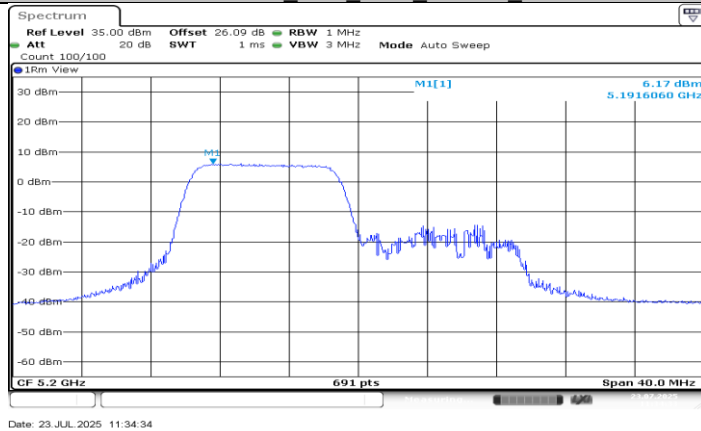
11AX20MIMO_Ant1_5180_106Tone_RU53



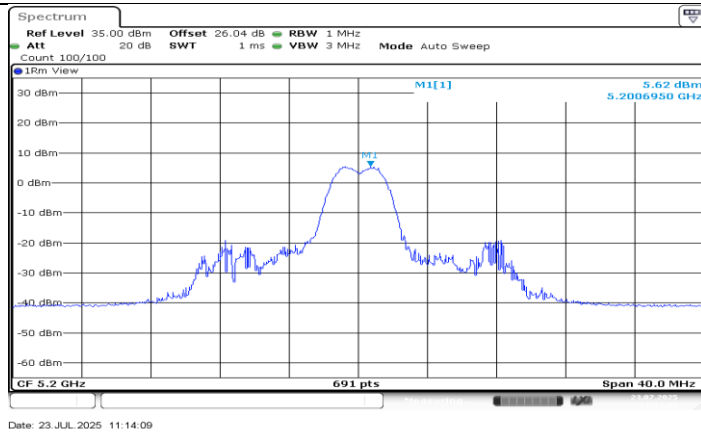
11AX20MIMO_Ant0_5200_26Tone_RU4



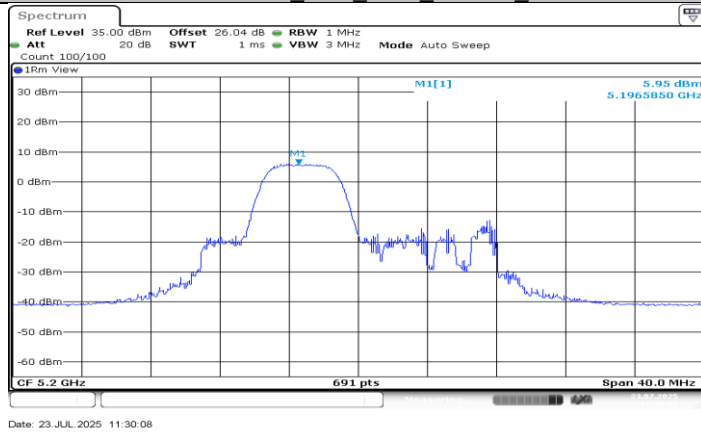
11AX20MIMO_Ant0_5200_52Tone_RU38



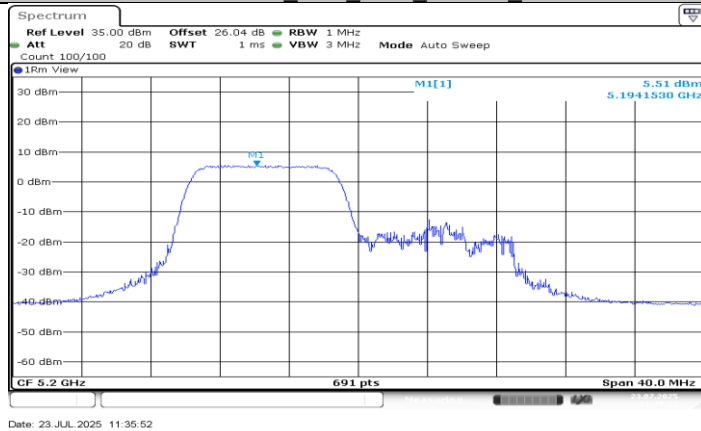
11AX20MIMO_Ant0_5200_106Tone_RU53



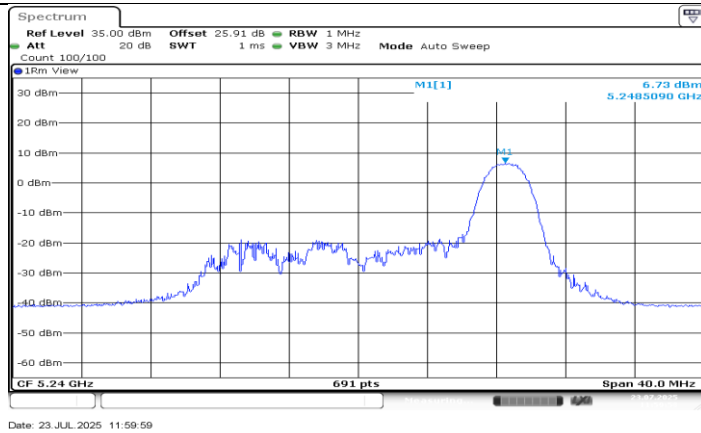
11AX20MIMO_Ant1_5200_26Tone_RU4



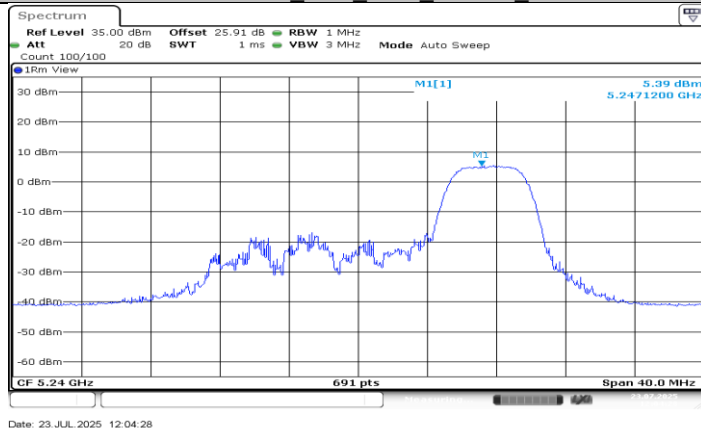
11AX20MIMO_Ant1_5200_52Tone_RU38



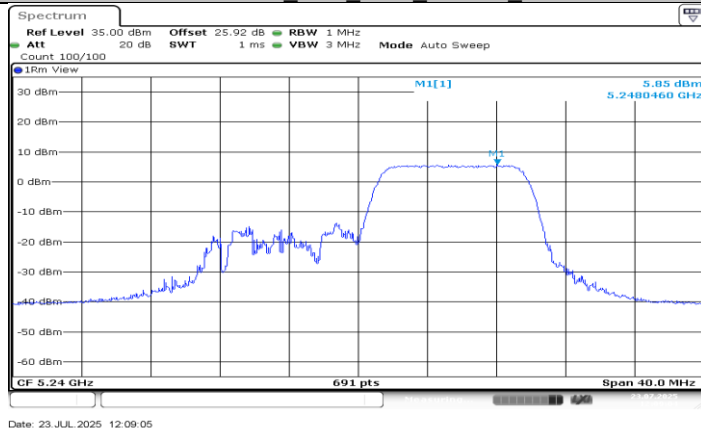
11AX20MIMO_Ant1_5200_106Tone_RU53



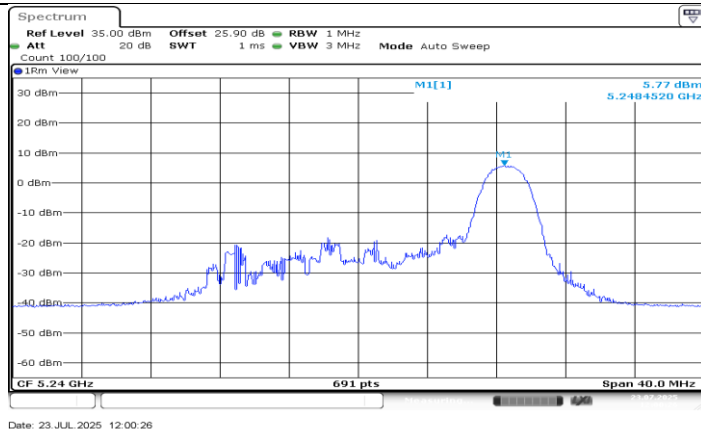
11AX20MIMO_Ant0_5240_26Tone_RU8



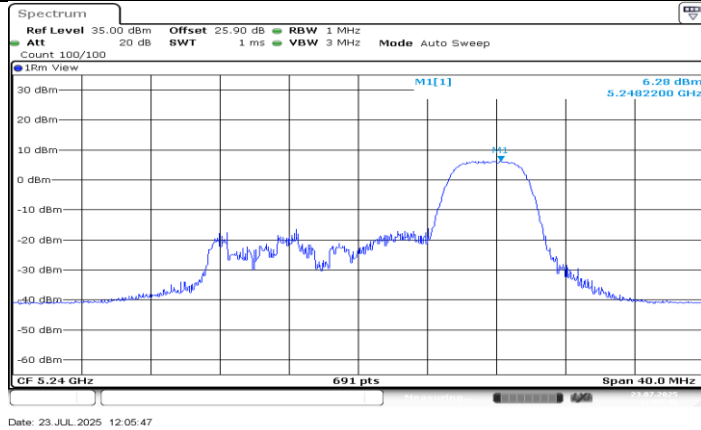
11AX20MIMO_Ant0_5240_52Tone_RU40



11AX20MIMO_Ant0_5240_106Tone_RU54



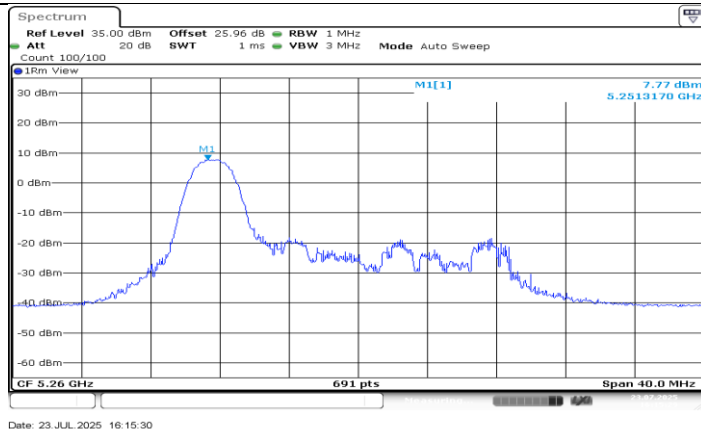
11AX20MIMO_Ant1_5240_26Tone_RU8



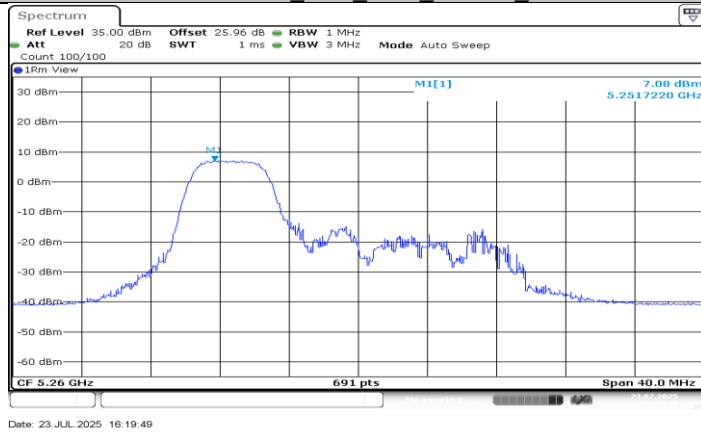
11AX20MIMO_Ant1_5240_52Tone_RU40



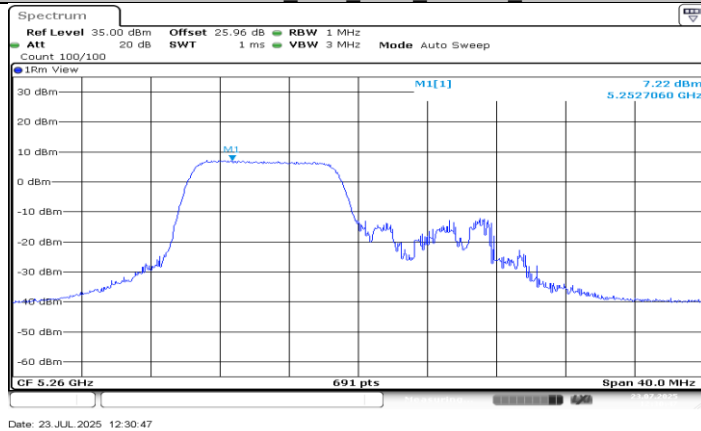
11AX20MIMO_Ant1_5240_106Tone_RU54



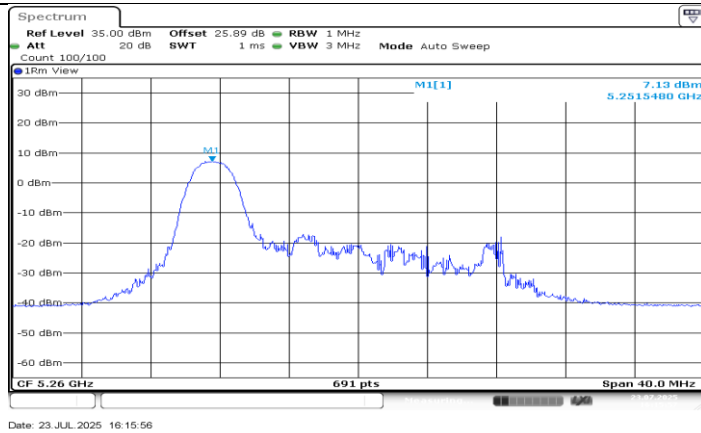
11AX20MIMO_Ant0_5260_26Tone_RU0



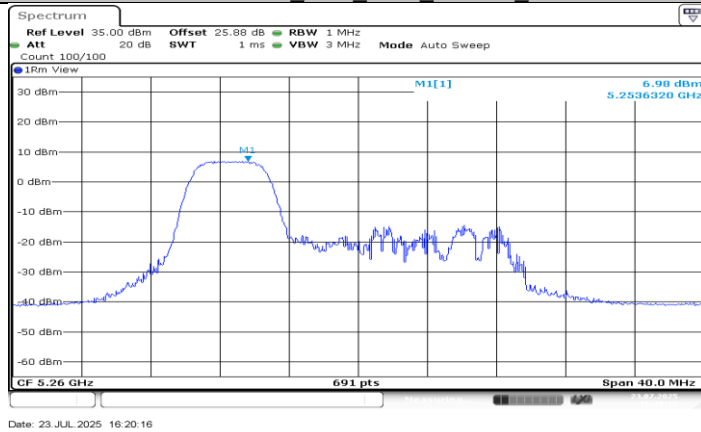
11AX20MIMO_Ant0_5260_52Tone_RU37



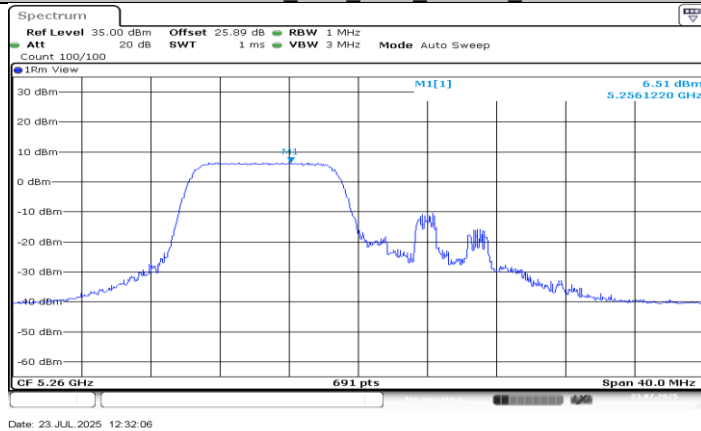
11AX20MIMO_Ant0_5260_106Tone_RU53



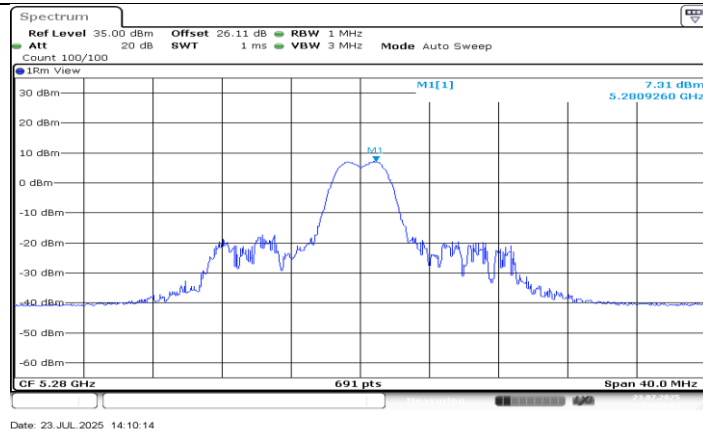
11AX20MIMO_Ant1_5260_26Tone_RU0



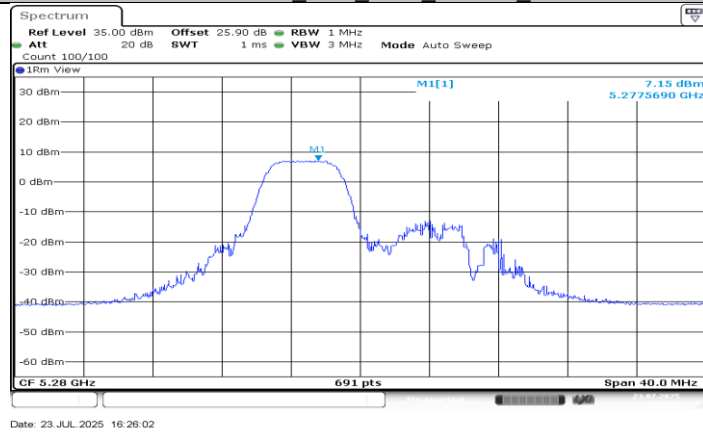
11AX20MIMO_Ant1_5260_52Tone_RU37



11AX20MIMO_Ant1_5260_106Tone_RU53



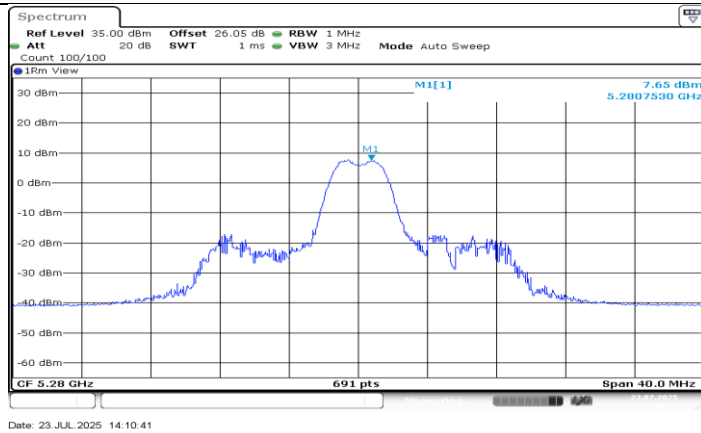
11AX20MIMO_Ant0_5280_26Tone_RU4



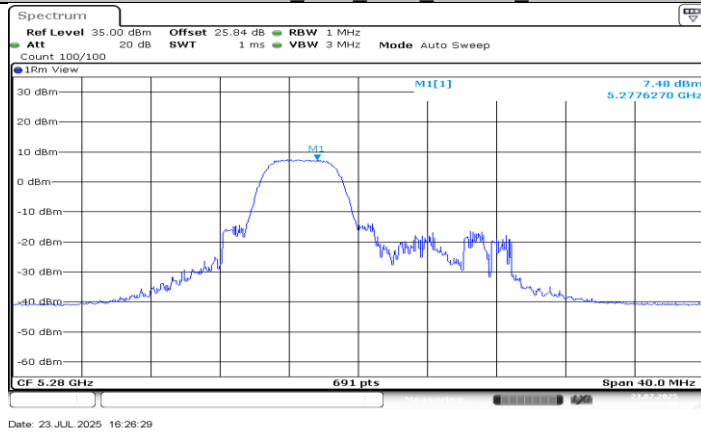
11AX20MIMO_Ant0_5280_52Tone_RU38



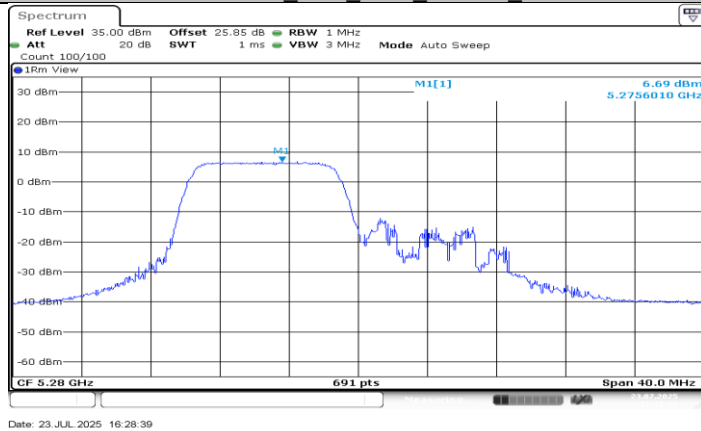
11AX20MIMO_Ant0_5280_106Tone_RU53



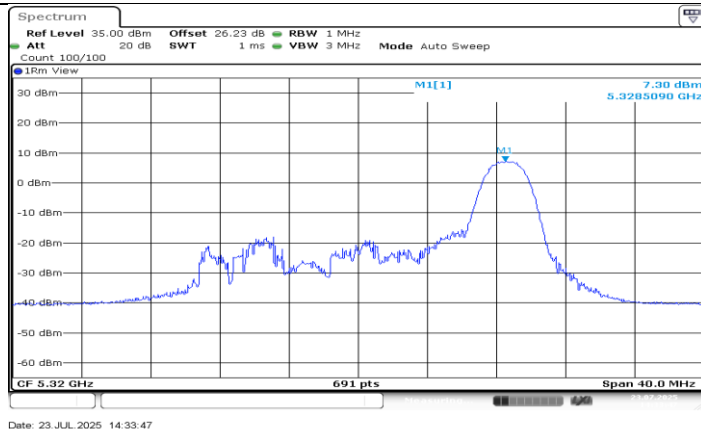
11AX20MIMO_Ant1_5280_26Tone_RU4



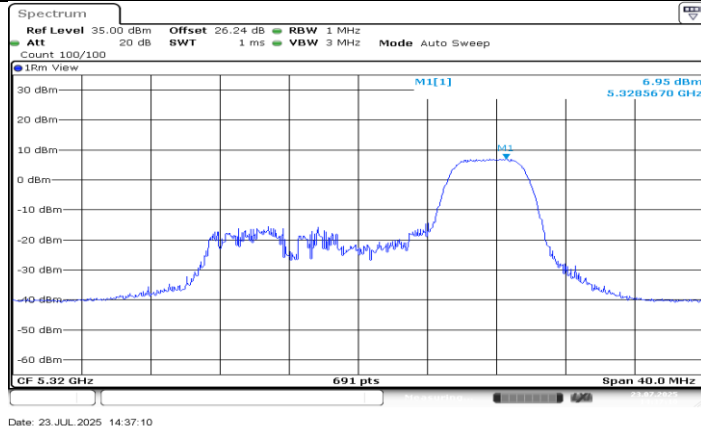
11AX20MIMO_Ant1_5280_52Tone_RU38



11AX20MIMO_Ant1_5280_106Tone_RU53



11AX20MIMO_Ant0_5320_26Tone_RU8



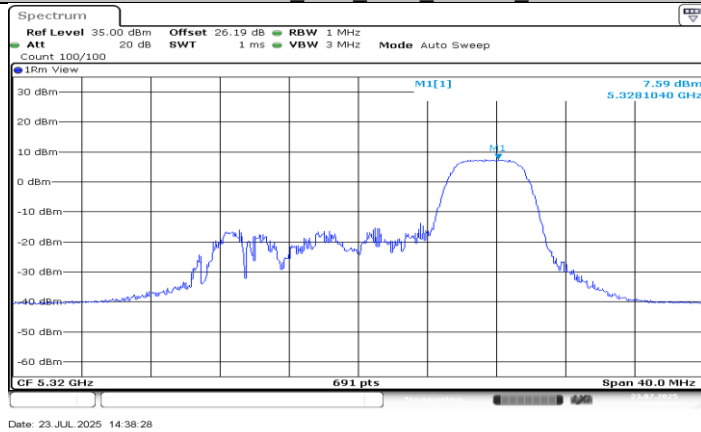
11AX20MIMO_Ant0_5320_52Tone_RU40



11AX20MIMO_Ant0_5320_106Tone_RU54



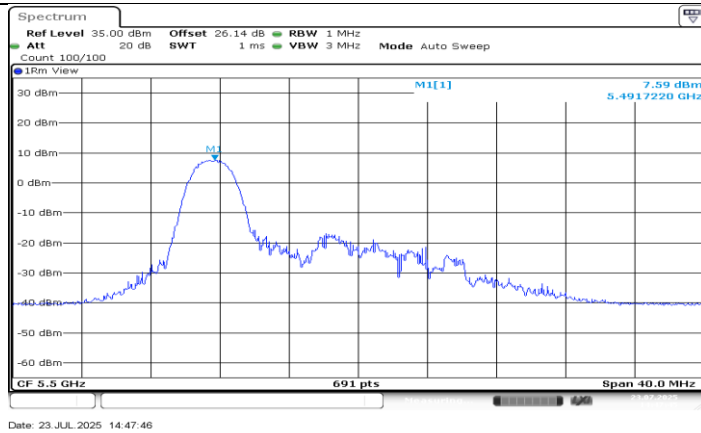
11AX20MIMO_Ant1_5320_26Tone_RU8



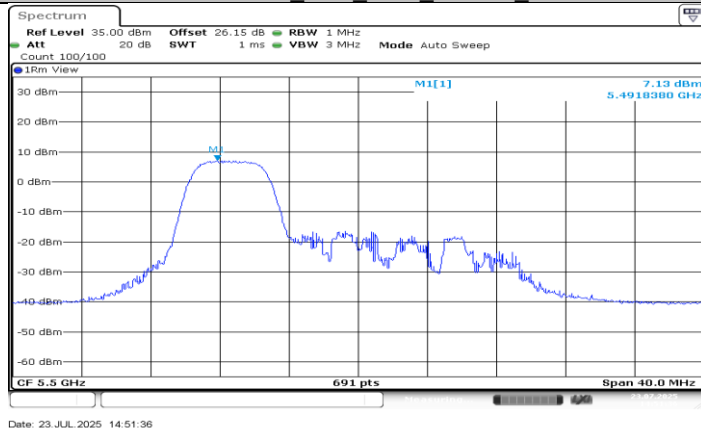
11AX20MIMO_Ant1_5320_52Tone_RU40



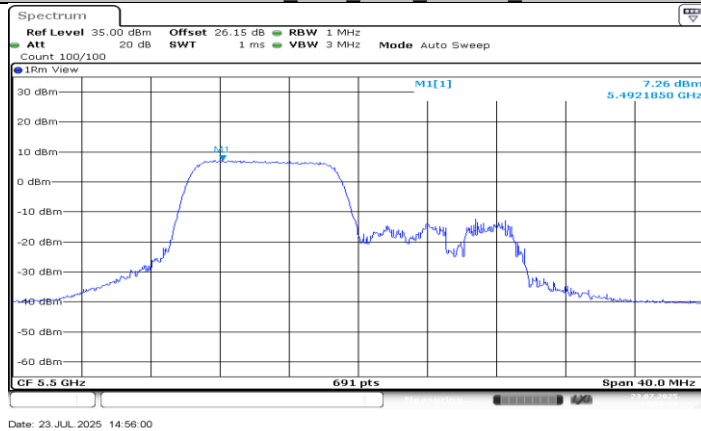
11AX20MIMO_Ant1_5320_106Tone_RU54



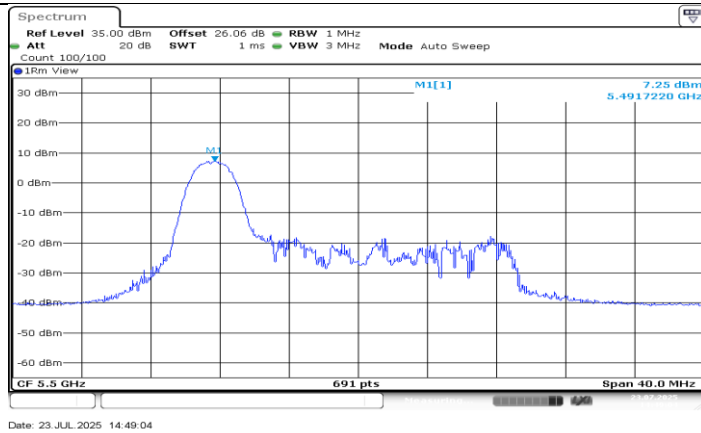
11AX20MIMO_Ant0_5500_26Tone_RU0



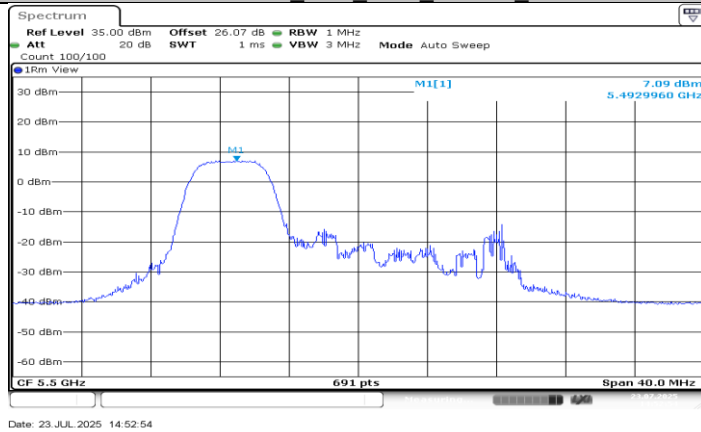
11AX20MIMO_Ant0_5500_52Tone_RU37



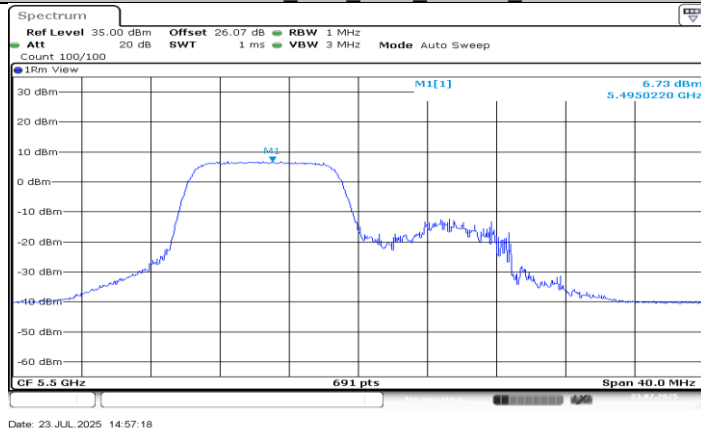
11AX20MIMO_Ant0_5500_106Tone_RU53



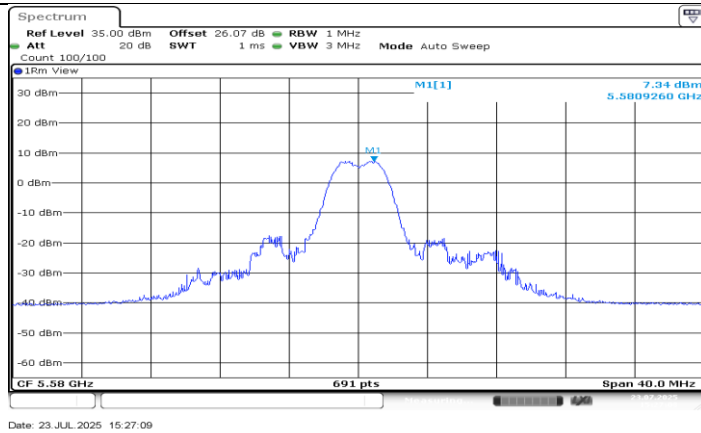
11AX20MIMO_Ant1_5500_26Tone_RU0



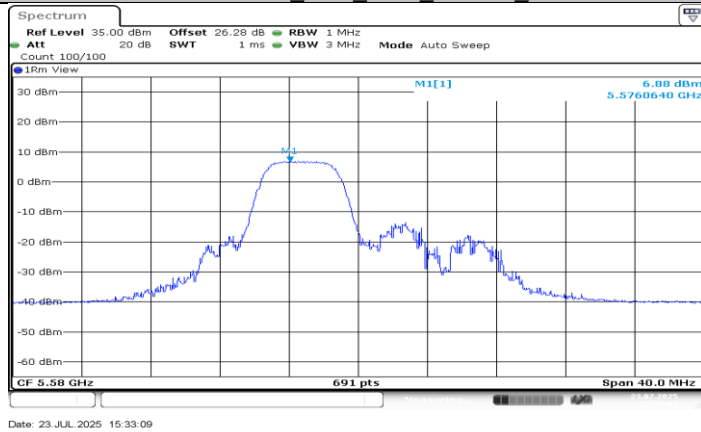
11AX20MIMO_Ant1_5500_52Tone_RU37



11AX20MIMO_Ant1_5500_106Tone_RU53



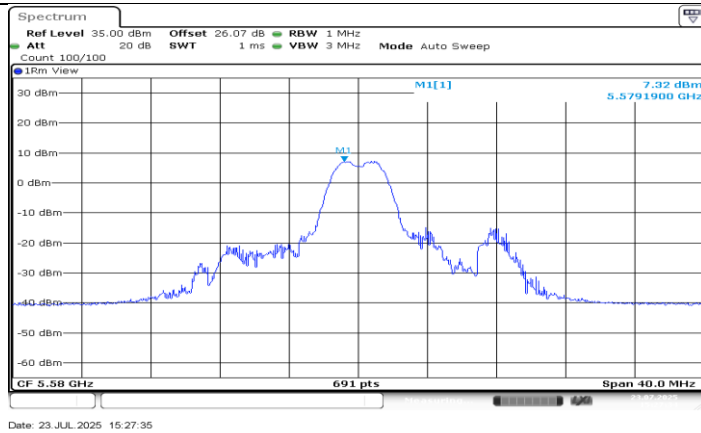
11AX20MIMO_Ant0_5580_26Tone_RU4



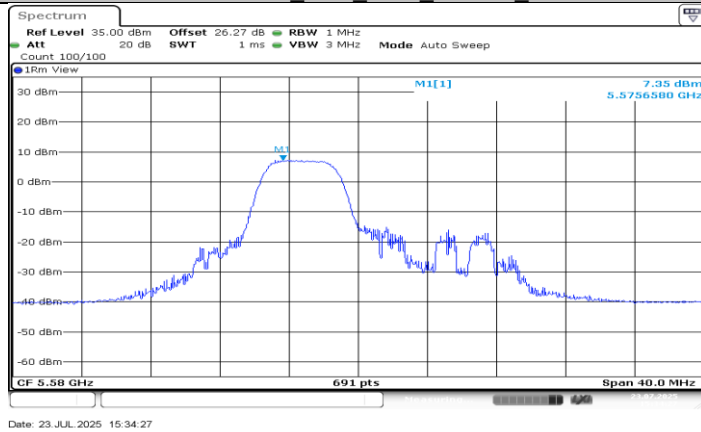
11AX20MIMO_Ant0_5580_52Tone_RU38



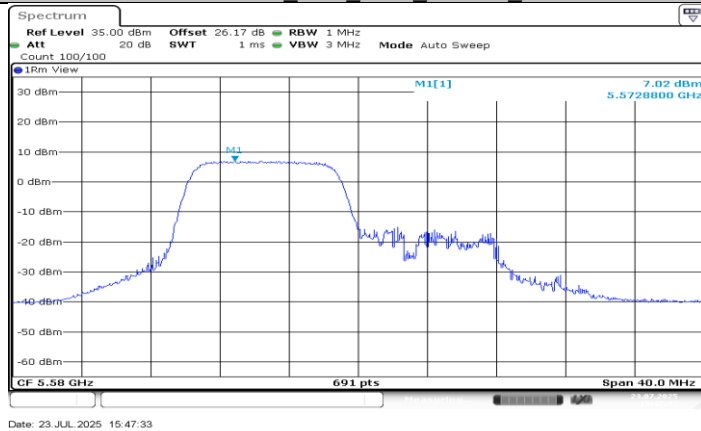
11AX20MIMO_Ant0_5580_106Tone_RU53



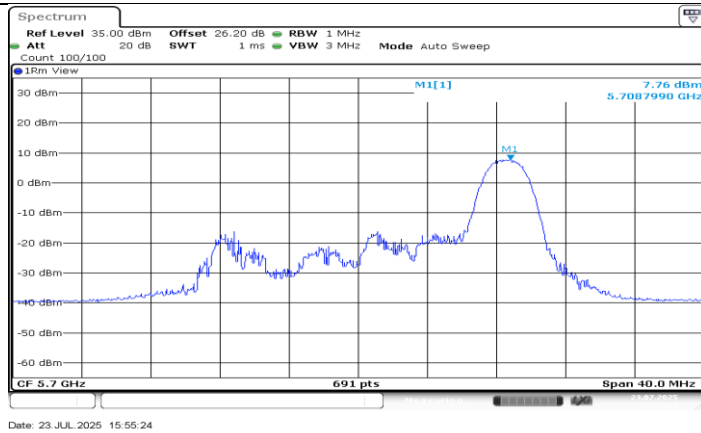
11AX20MIMO_Ant1_5580_26Tone_RU4



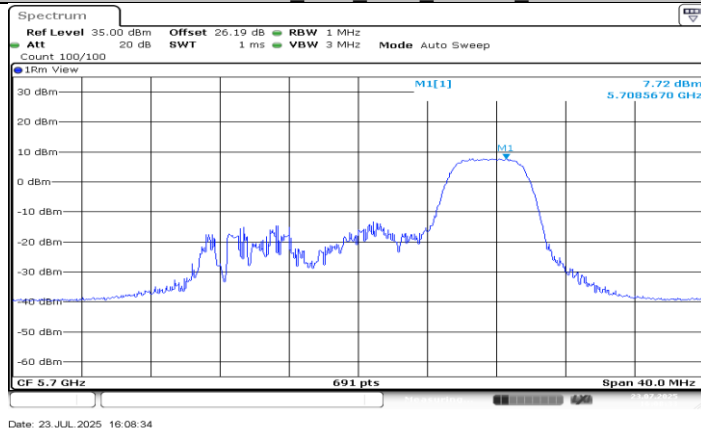
11AX20MIMO_Ant1_5580_52Tone_RU38



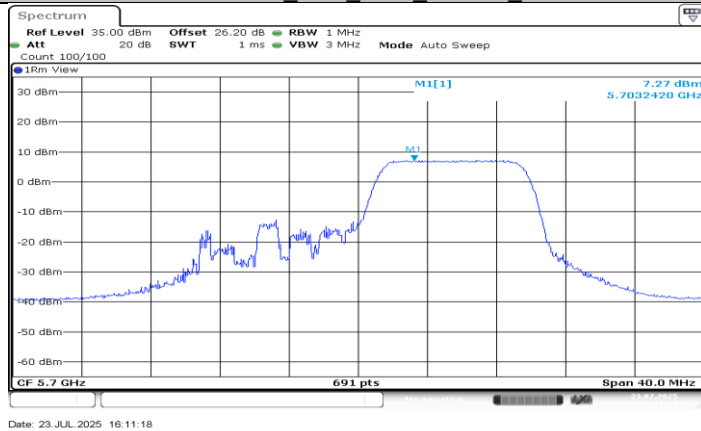
11AX20MIMO_Ant1_5580_106Tone_RU53



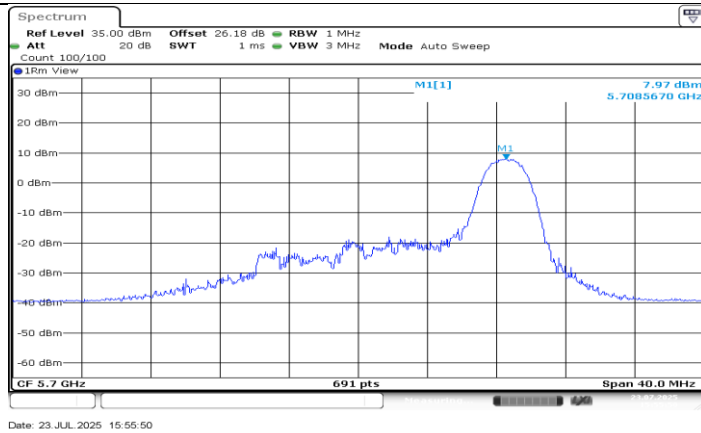
11AX20MIMO_Ant0_5700_26Tone_RU8



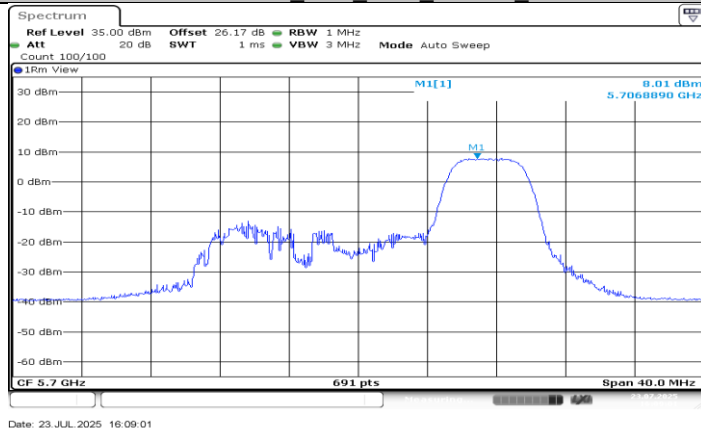
11AX20MIMO_Ant0_5700_52Tone_RU40



11AX20MIMO_Ant0_5700_106Tone_RU54



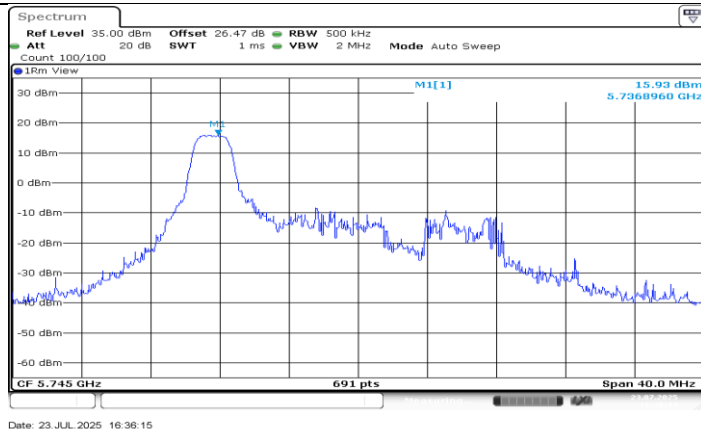
11AX20MIMO_Ant1_5700_26Tone_RU8



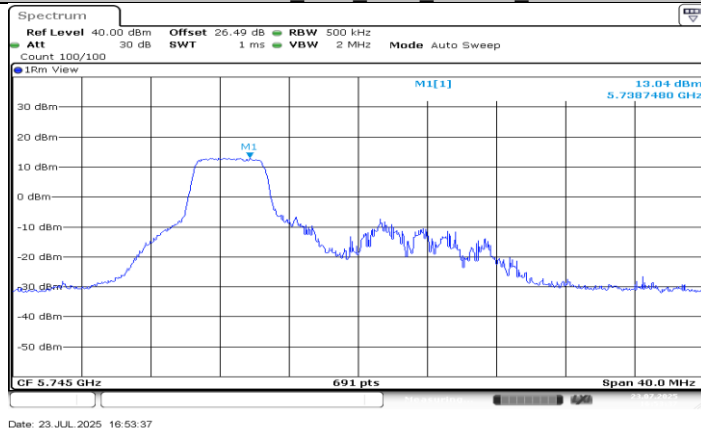
11AX20MIMO_Ant1_5700_52Tone_RU40



11AX20MIMO_Ant1_5700_106Tone_RU54



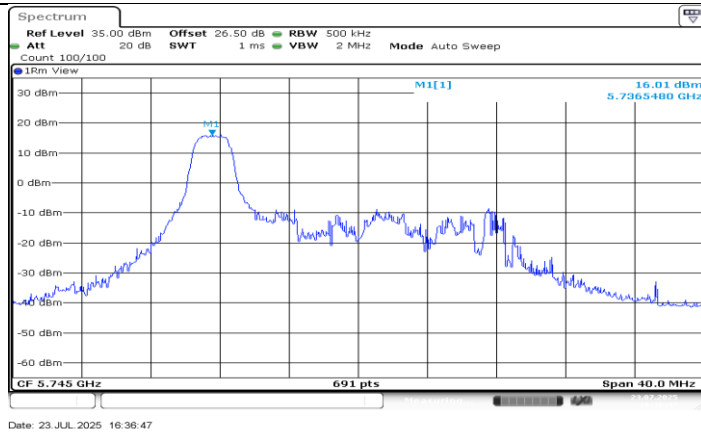
11AX20MIMO_Ant0_5745_26Tone_RU0



11AX20MIMO_Ant0_5745_52Tone_RU37



11AX20MIMO_Ant0_5745_106Tone_RU53



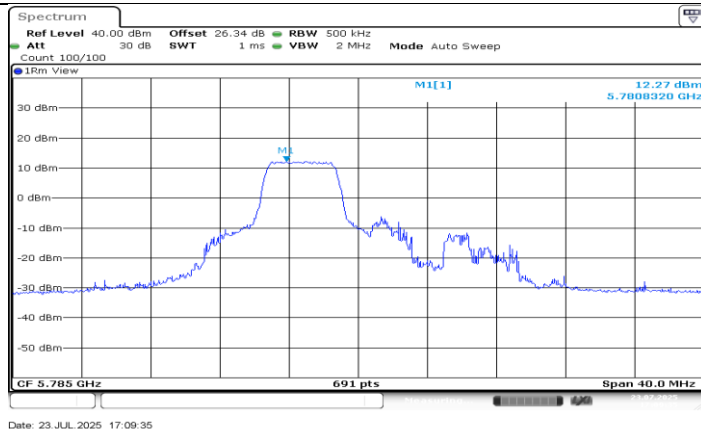
11AX20MIMO_Ant1_5745_26Tone_RU0



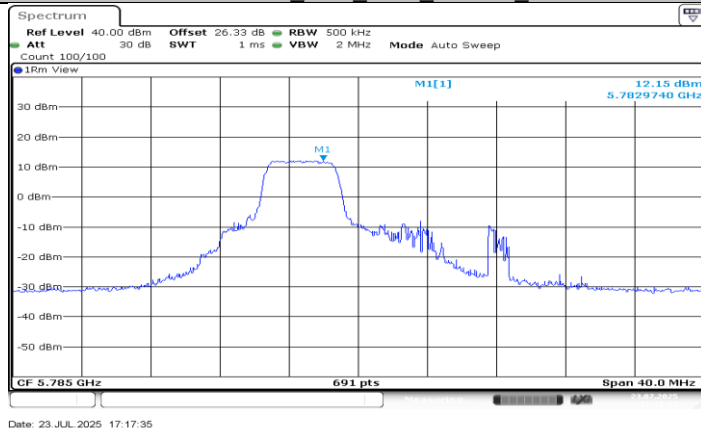
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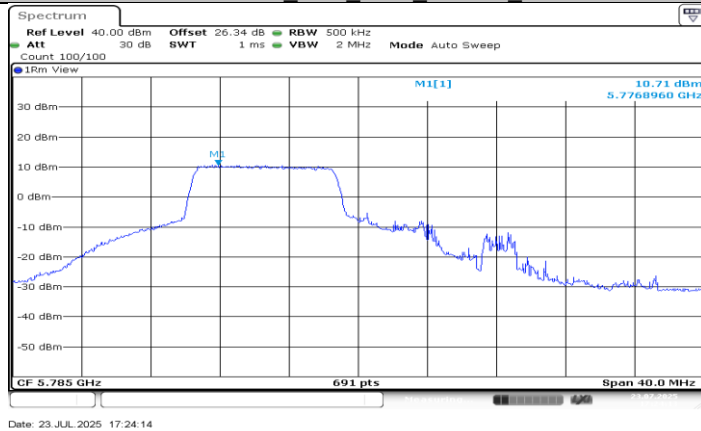
11AX20MIMO_Ant1_5745_106Tone_RU53



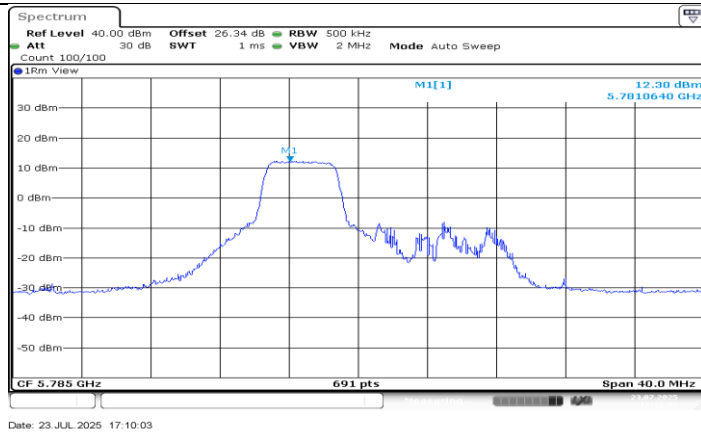
11AX20MIMO_Ant0_5785_26Tone_RU4



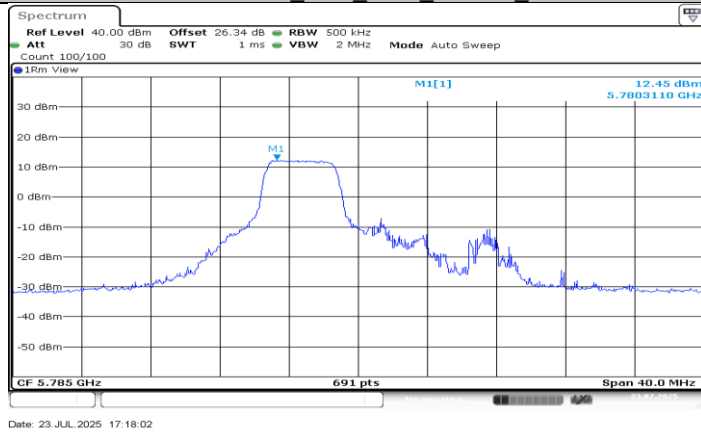
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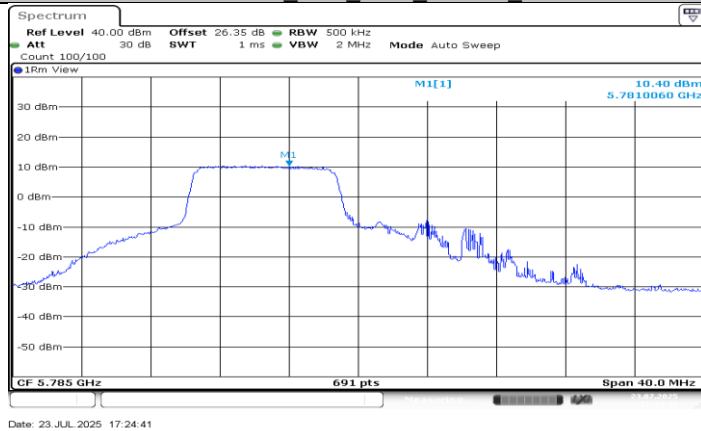
11AX20MIMO_Ant0_5785_106Tone_RU53



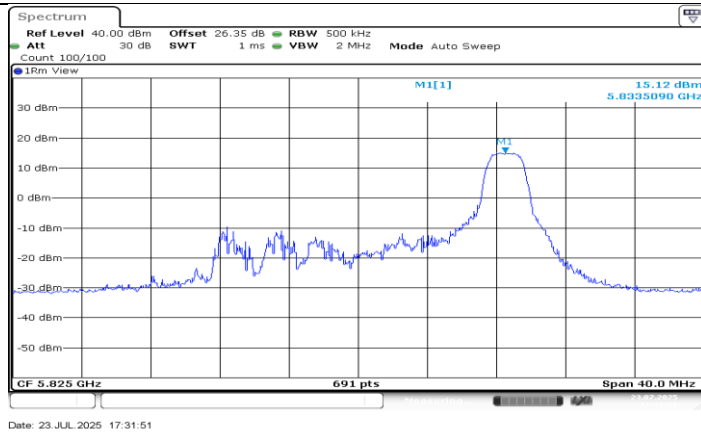
11AX20MIMO_Ant1_5785_26Tone_RU4



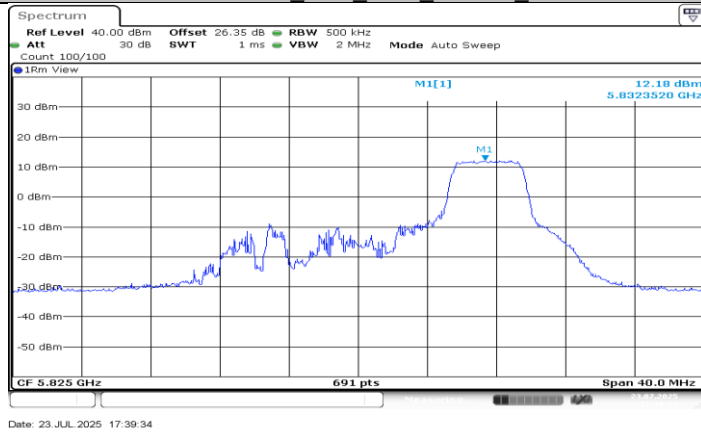
11AX20MIMO_Ant1_5785_52Tone_RU38



11AX20MIMO_Ant1_5785_106Tone_RU53



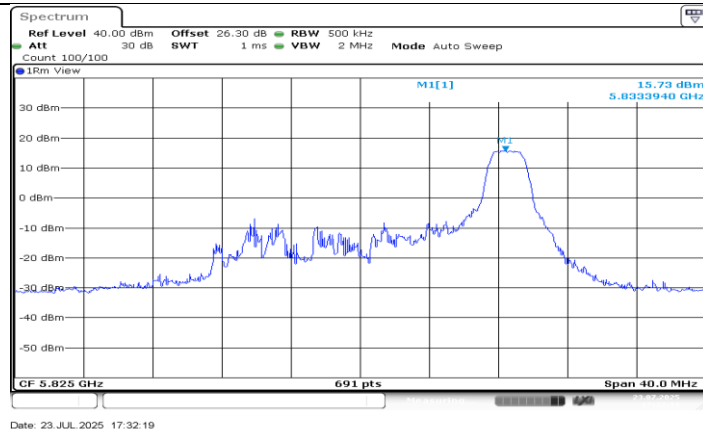
11AX20MIMO_Ant0_5825_26Tone_RU8



11AX20MIMO_Ant0_5825_52Tone_RU40



11AX20MIMO_Ant0_5825_106Tone_RU54



11AX20MIMO_Ant1_5825_26Tone_RU8



11AX20MIMO_Ant1_5825_52Tone_RU40



11AX20MIMO_Ant1_5825_106Tone_RU54

11.6. APPENDIX F: FREQUENCY STABILITY

11.6.1. Test Result

Frequency Error vs. Voltage									
802.11a:5200MHz									
Temp.	Volt.	0 Minute		2 Minute		5 Minute		10 Minute	
		Freq.Error (MHz)	Tolerance (ppm)	Freq.Error (MHz)	Tolerance (ppm)	Freq.Error (MHz)	Tolerance (ppm)	Freq.Error (MHz)	Tolerance (ppm)
TN	VL	5200.0053	1.01	5199.9951	-0.95	5199.9926	-1.43	5199.9766	-4.50
TN	VN	5200.0178	3.41	5200.0140	2.69	5199.9978	-0.42	5199.9920	-1.54
TN	VH	5199.9879	-2.32	5199.9920	-1.54	5199.9789	-4.06	5200.0229	4.40
Frequency Error vs. Temperature									
802.11a:5180MHz									
Temp.	Volt.	0 Minute		2 Minute		5 Minute		10 Minute	
		Freq.Error (MHz)	Tolerance (ppm)	Freq.Error (MHz)	Tolerance (ppm)	Freq.Error (MHz)	Tolerance (ppm)	Freq.Error (MHz)	Tolerance (ppm)
50	VN	5199.9896	-1.99	5200.0198	3.80	5199.9759	-4.63	5199.9990	-0.19
40	VN	5200.0100	1.92	5199.9941	-1.14	5199.9938	-1.20	5200.0000	-0.01
30	VN	5199.9956	-0.86	5199.9876	-2.38	5200.0062	1.19	5199.9777	-4.29
20	VN	5200.0110	2.11	5200.0231	4.44	5200.0050	0.97	5200.0104	1.99
10	VN	5200.0032	0.61	5200.0143	2.74	5200.0118	2.28	5200.0233	4.48
0	VN	5200.0243	4.67	5200.0030	0.57	5200.0222	4.27	5200.0137	2.63
-10	VN	5200.0213	4.10	5199.9921	-1.52	5200.0091	1.75	5199.9928	-1.39

Note:

1. All antennas, test modes and test channels have been tested, only the worst data record in the report.
2. For the detail Test Conditions, please refer to section 7.5 TEST ENVIRONMENT.

11.7. APPENDIX G: DUTY CYCLE

11.7.1. Test Result

Test Mode	On Time (msec)	Period (msec)	Duty Cycle x (Linear)	Duty Cycle (%)	Duty Cycle Correction Factor (dB)	1/T Minimum VBW (kHz)	Final setting For VBW (kHz)
11A-MIMO	2.09	2.11	0.9905	99.05	0.04	0.48	0.01
11N20MIMO	5.42	5.44	0.9963	99.63	0.02	0.18	0.01
11N40MIMO	5.41	5.43	0.9963	99.63	0.02	0.18	0.01
11AC80MIMO	5.41	5.43	0.9963	99.63	0.02	0.18	0.01
11AC160MIMO	5.42	5.44	0.9963	99.63	0.02	0.18	0.01
11AX20MIMO	5.44	5.45	0.9982	99.82	0.01	0.18	0.01
11AX40MIMO	5.42	5.44	0.9963	99.63	0.02	0.18	0.01
11AX80MIMO	5.43	5.45	0.9963	99.63	0.02	0.18	0.01
11AX160MIMO	5.43	5.45	0.9963	99.63	0.02	0.18	0.01

Test Mode	RuSize	RuIndex	On Time (msec)	Period (msec)	Duty Cycle x (Linear)	Duty Cycle (%)	Duty Cycle Correction Factor (dB)	1/T Minimum VBW (kHz)	Final setting For VBW (kHz)
11AX20MIMO	26Tone	RU0	5.06	5.07	0.9980	99.80	0.01	0.20	0.01
	52Tone	RU38	5.04	5.06	0.9960	99.60	0.02	0.20	0.01
	106Tone	RU54	4.74	4.76	0.9958	99.58	0.02	0.21	0.01

Note:

Duty Cycle Correction Factor=10log (1/x).

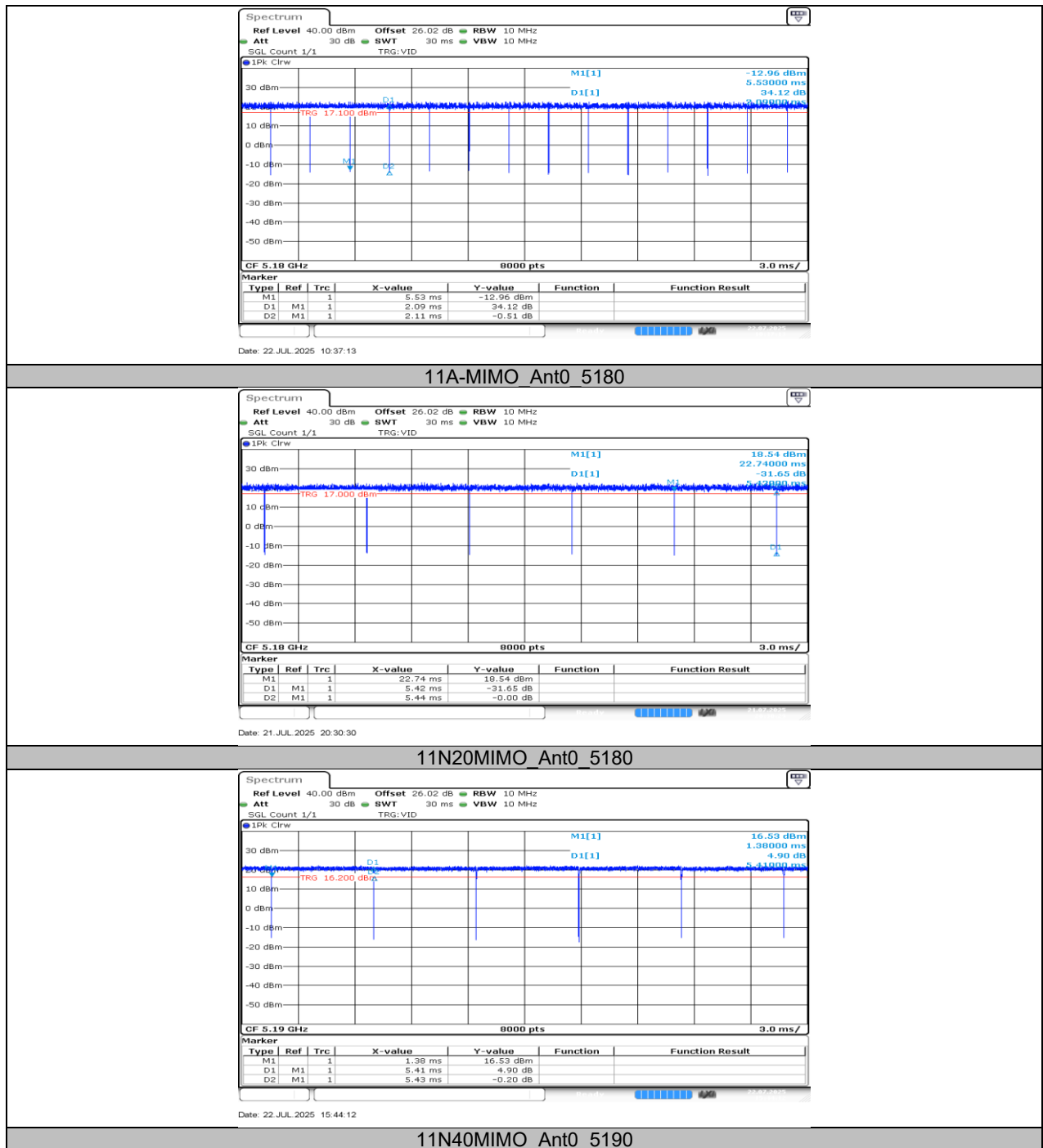
Where: x is Duty Cycle (Linear)

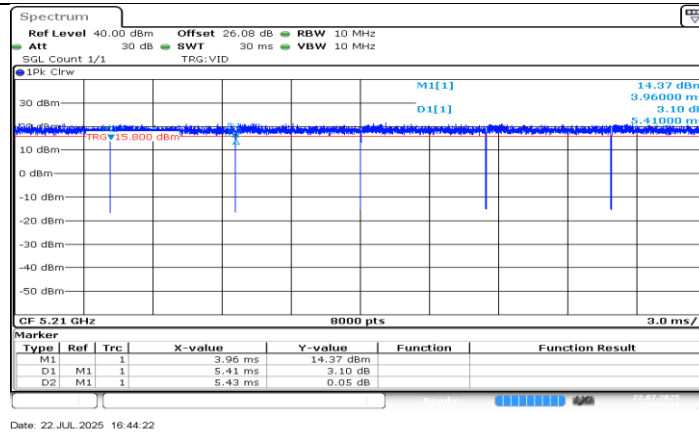
Where: T is On Time

If that calculated VBW is not available on the analyzer then the next higher value should be used.

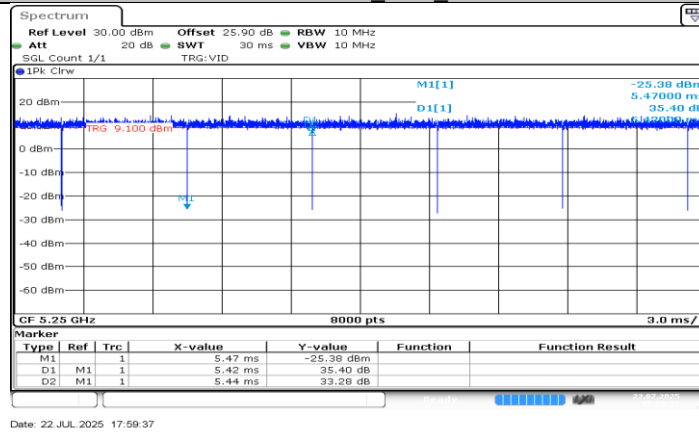
If the EUT is configured to transmit with duty cycle $\geq 98\%$, set VBW $\leq$ RBW/100 (i.e., 10 kHz) but not less than 10 Hz.

11.7.2. Test Graphs

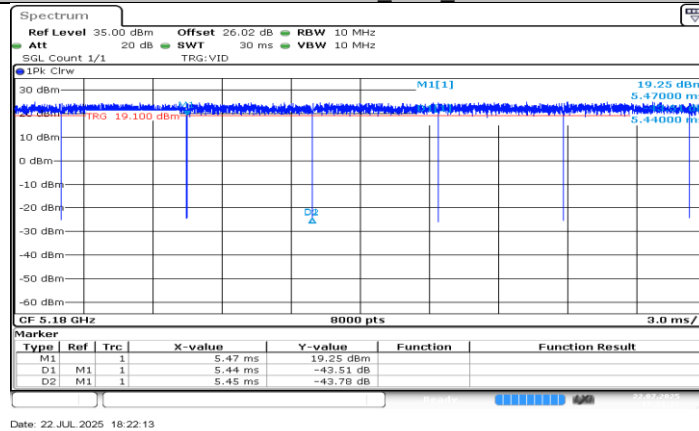




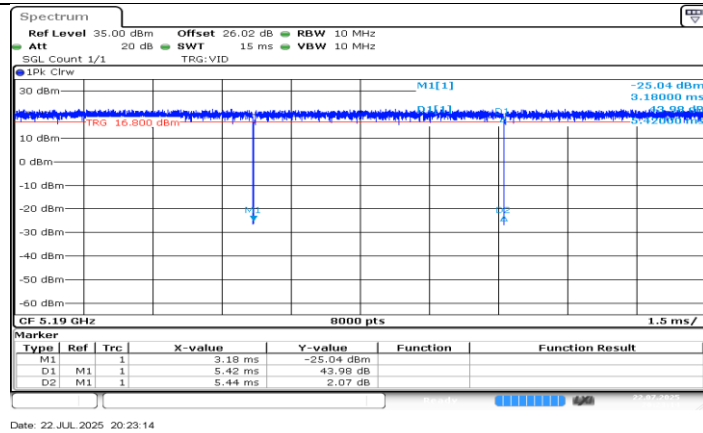
11AC80MIMO_Ant0_5210



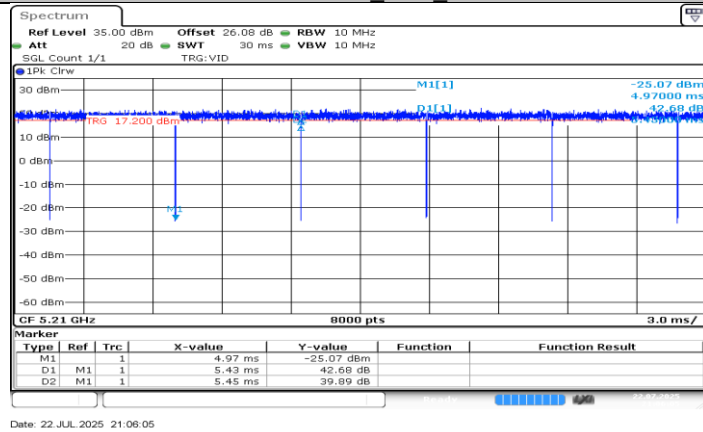
11AC160MIMO_Ant0_5250



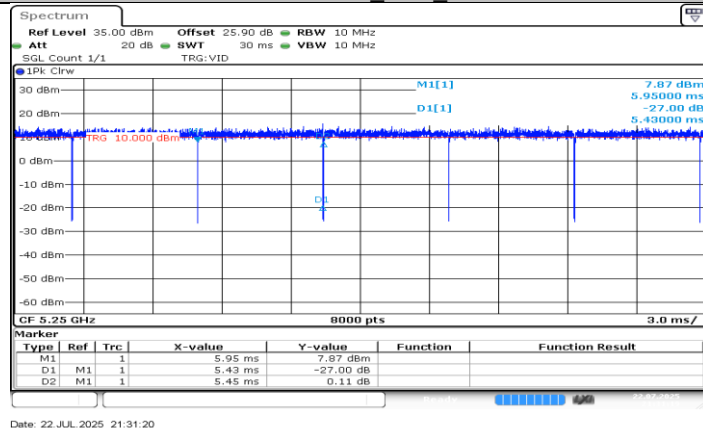
11AX20MIMO_Ant0_5180



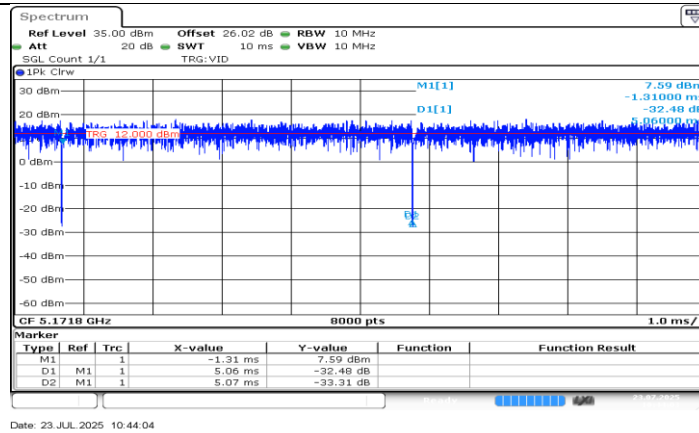
11AX40MIMO_Ant0_5190



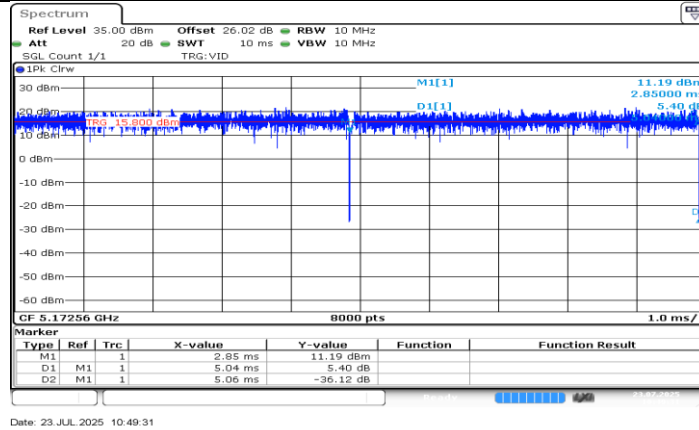
11AX80MIMO_Ant0_5210



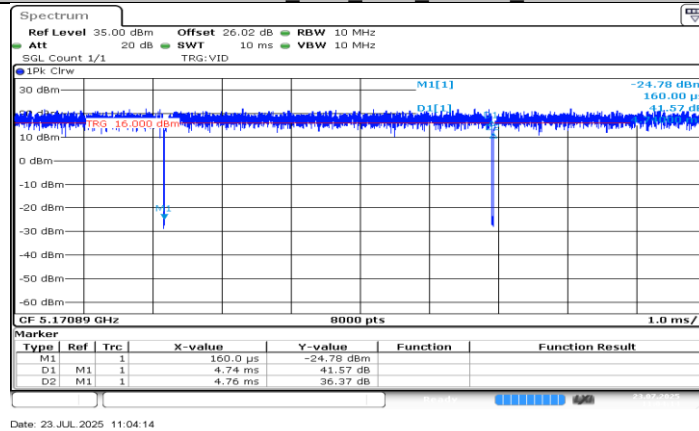
11AX160MIMO_Ant0_5250



11AX20MIMO_Ant0_5180_26Tone_RU0



11AX20MIMO_Ant0_5180_52Tone_RU38



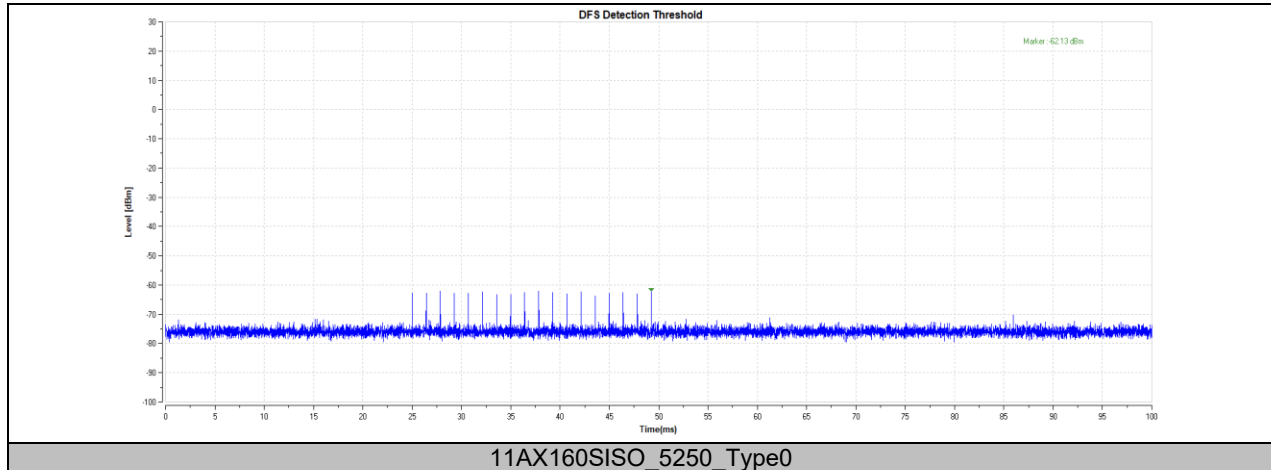
11AX20MIMO_Ant0_5180_106Tone_RU54

11.8. APPENDIX H: DFS DETECTION THRESHOLDS

11.8.1. Test Result

Test Mode	Frequency[MHz]	Radar Type	Result	Verdict
11AX160SISO	5250	Type0	-62.13	PASS

11.8.2. Test Graphs

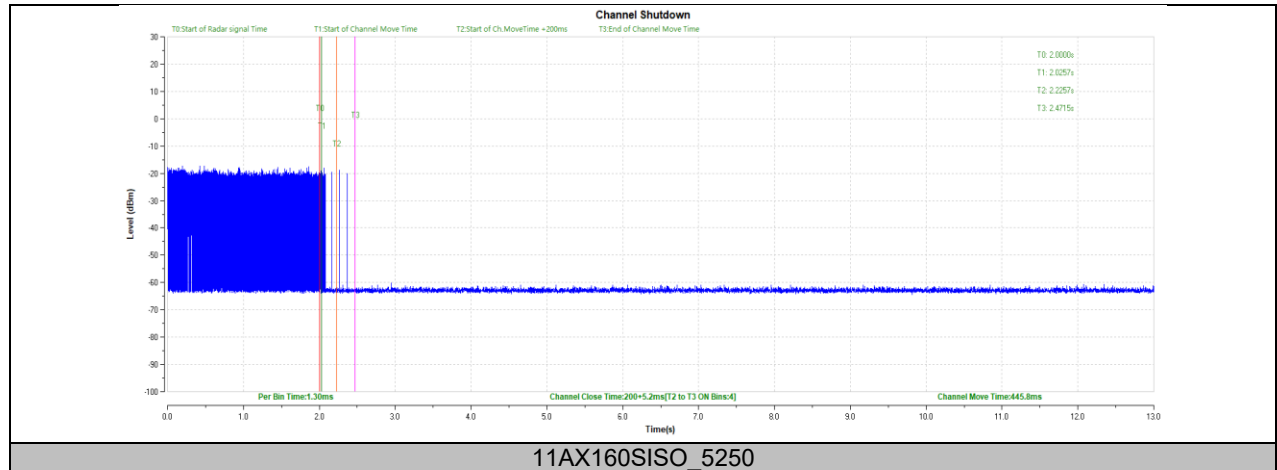


11.9. APPENDIX I: CHANNEL MOVE TIME AND CHANNEL CLOSING TRANSMISSION TIME

11.9.1. Test Result

Test Mode	Frequency[MHz]	CCT[ms]	Limit[ms]	CMT[ms]	Limit[ms]	Verdict
11AX160SISO	5250	200+5.2	200+60	445.8	10000	PASS

11.9.2. Test Graphs

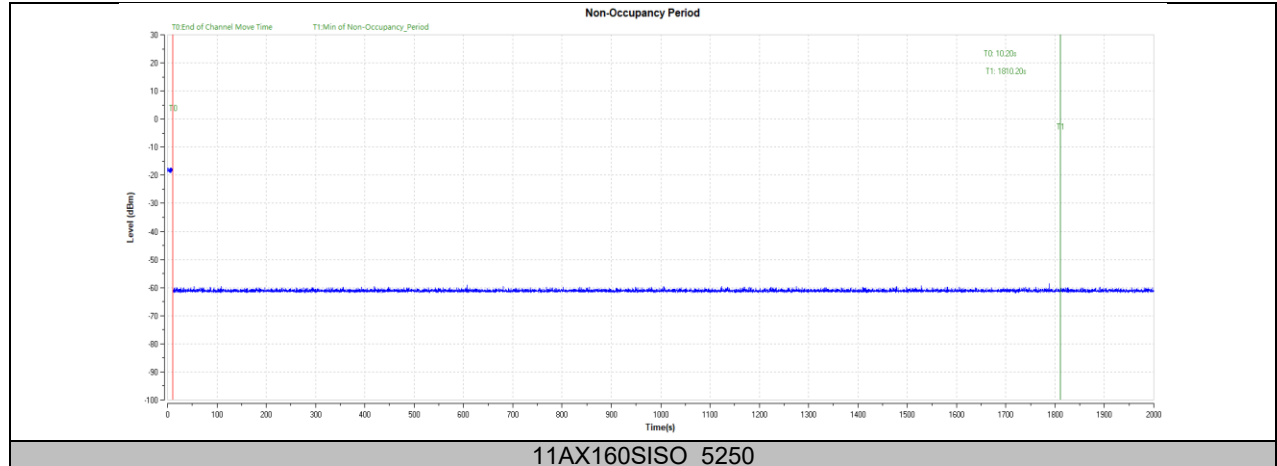


11.10. APPENDIX J: NON-OCCUPANCY PERIOD

Test Result

Test Mode	Channel	Result	Limit[s]	Verdict
11AX160SISO	5250	see test graph	≥1800	PASS

11.10.1. Test Graphs



END OF REPORT