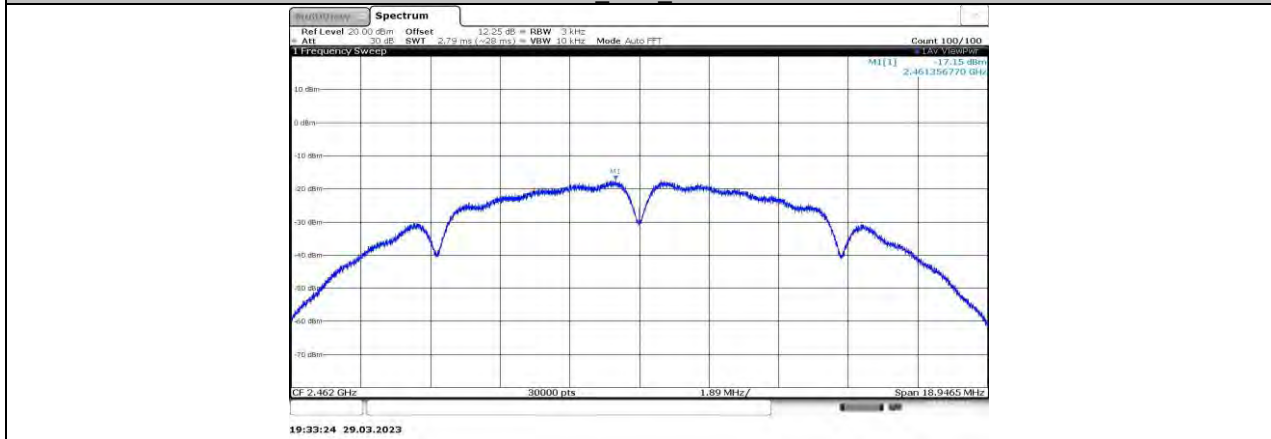
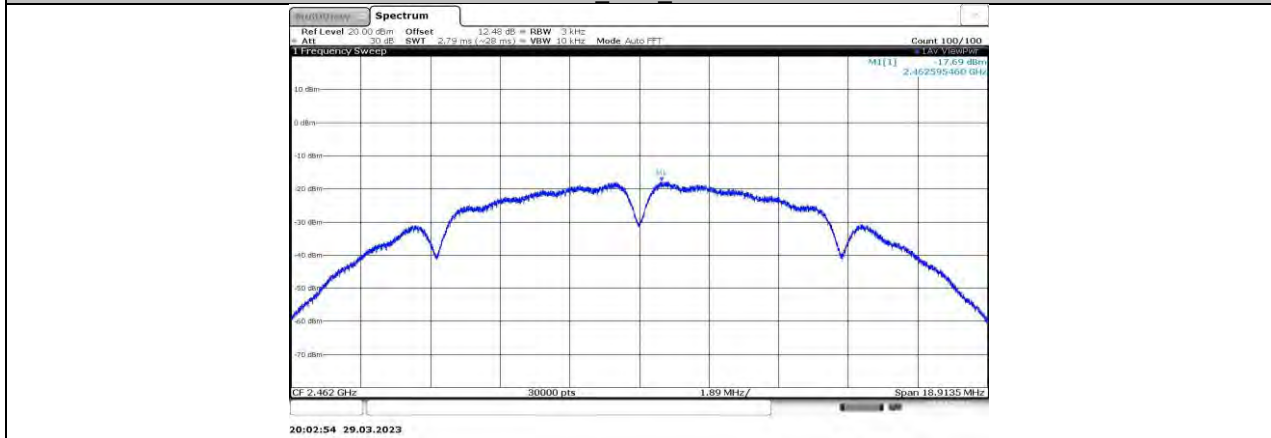


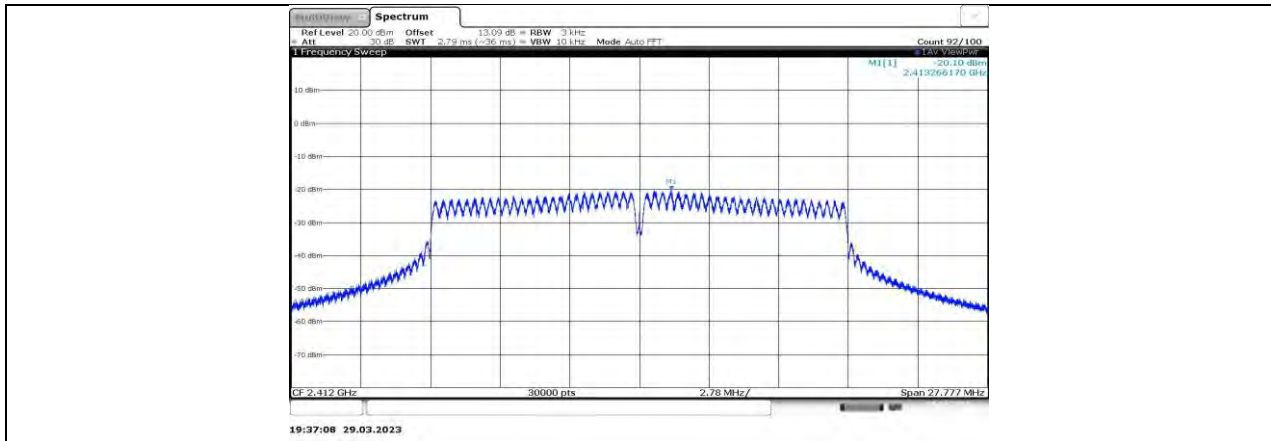
11B_Ant2_2437



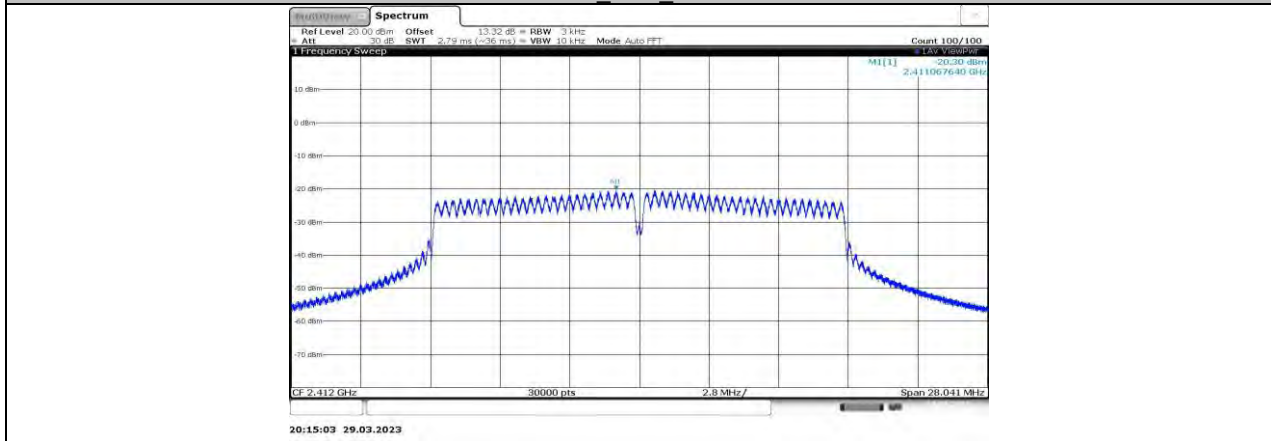
11B_Ant1_2462



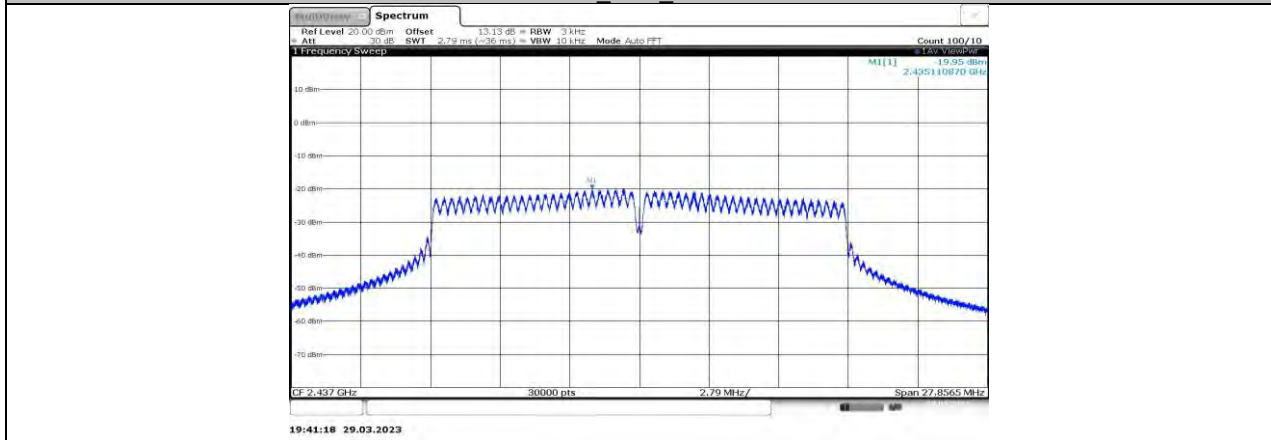
11B_Ant2_2462



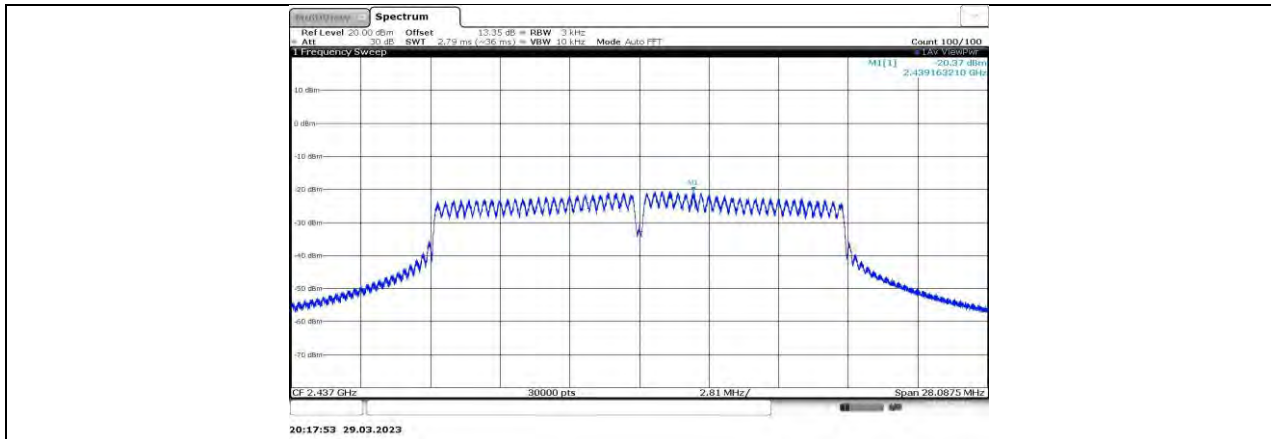
11G Ant1_2412



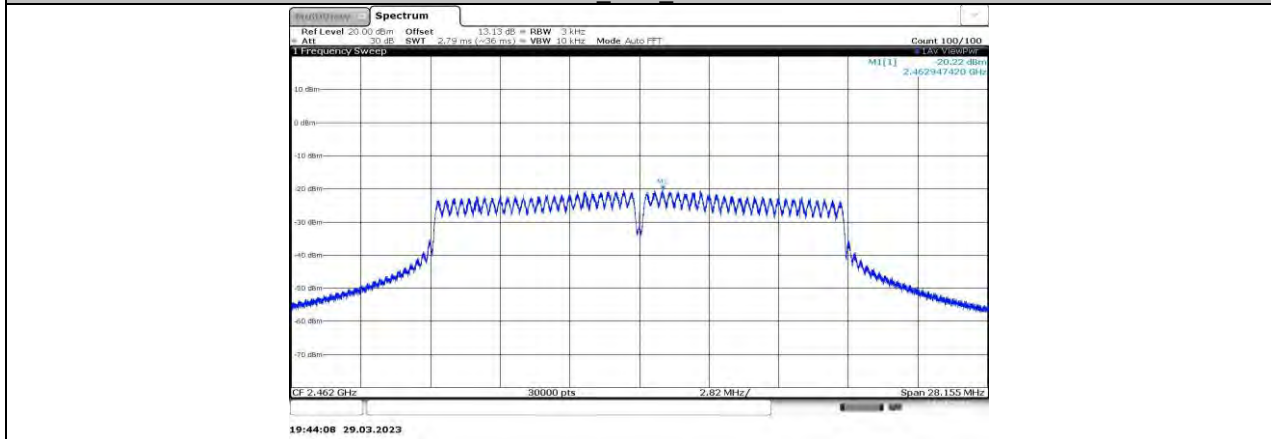
11G Ant2_2412



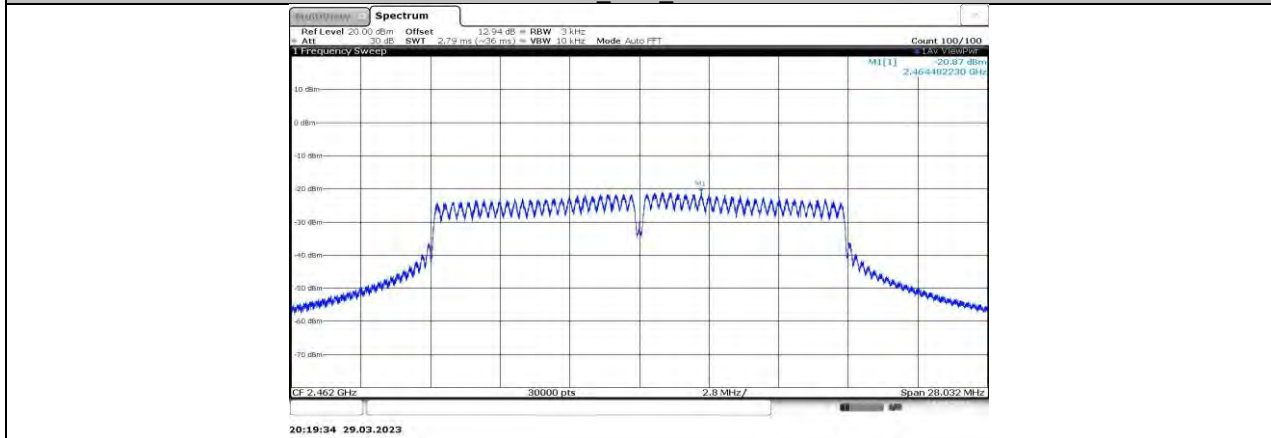
11G Ant1_2437



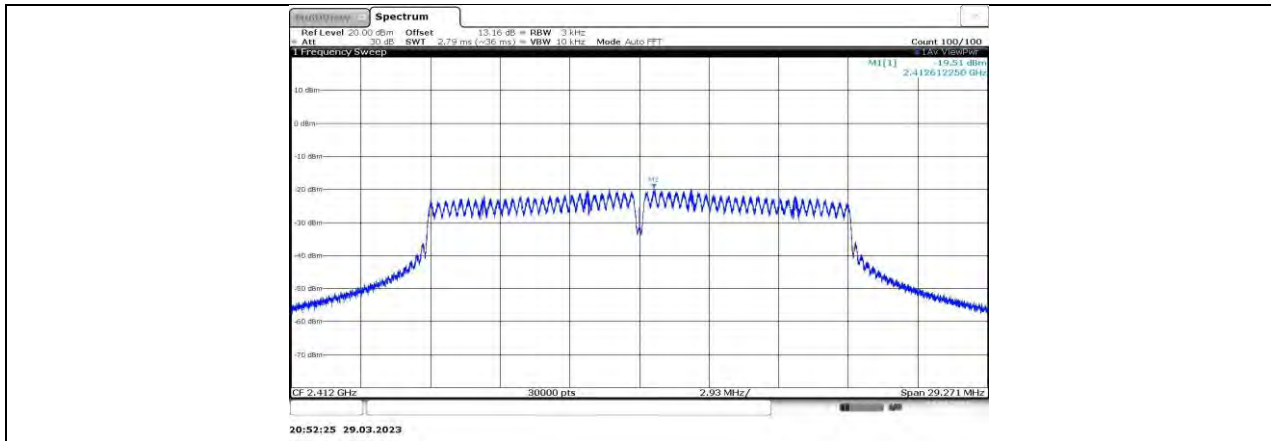
11G_Ant2_2437



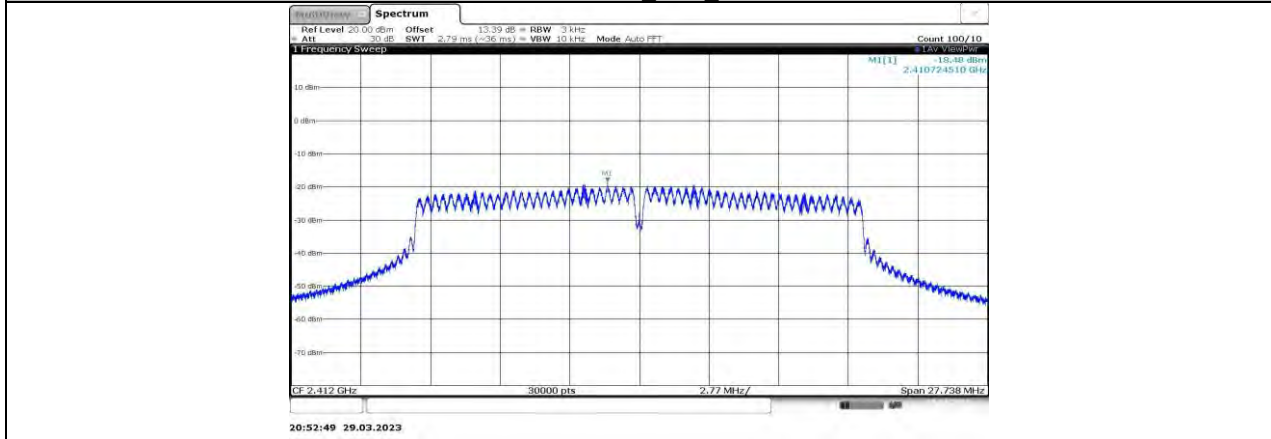
11G_Ant1_2462



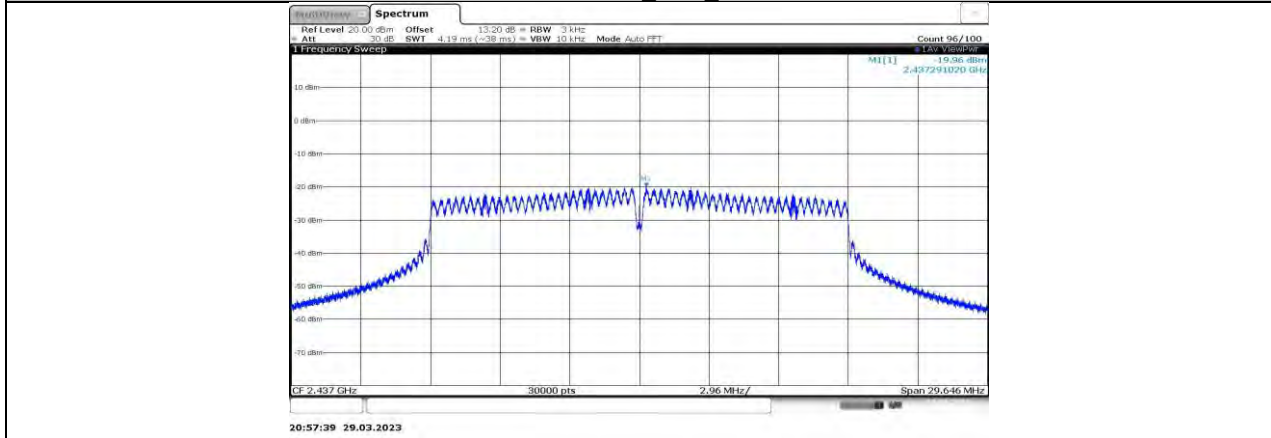
11G_Ant2_2462



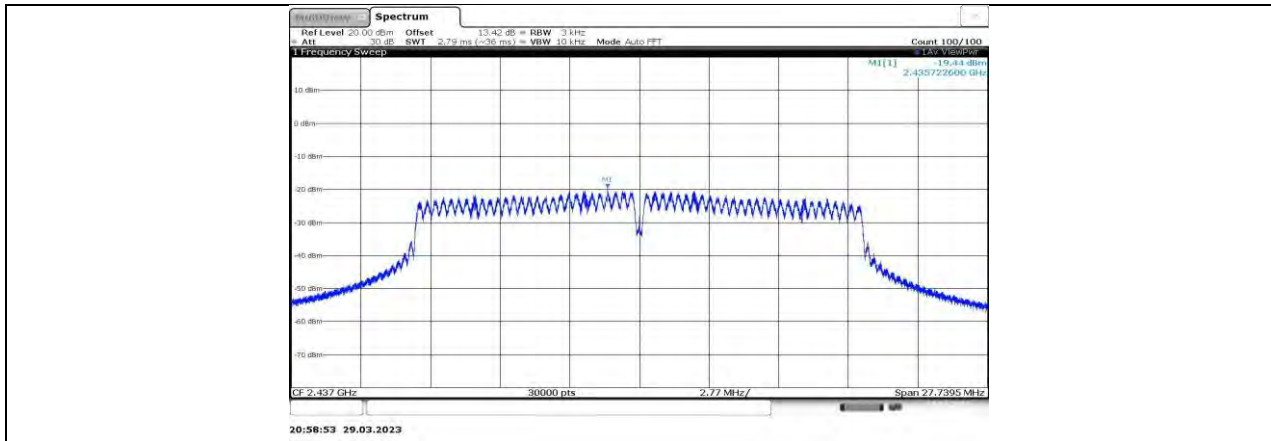
11N20MIMO_Ant1_2412



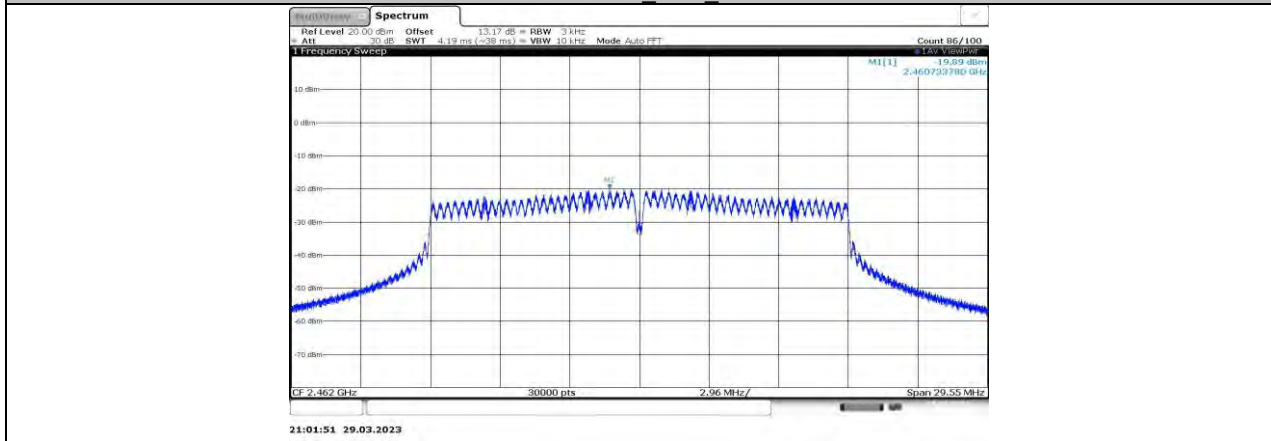
11N20MIMO_Ant2_2412



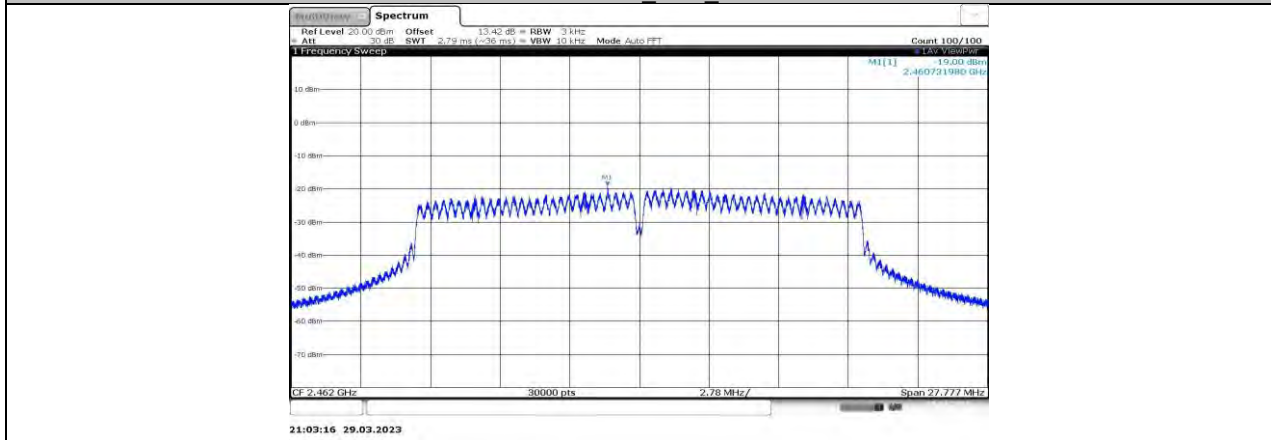
11N20MIMO_Ant1_2437



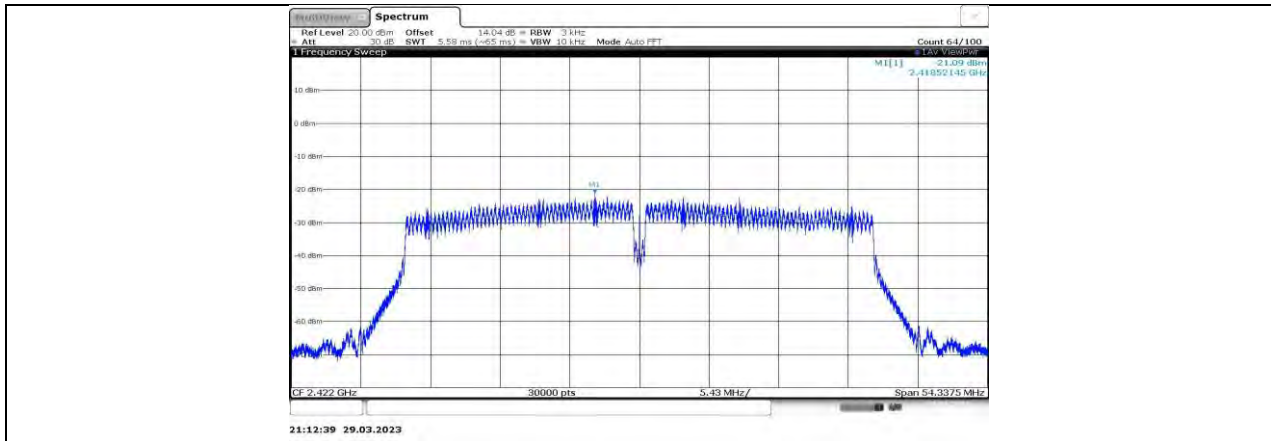
11N20MIMO Ant2 2437



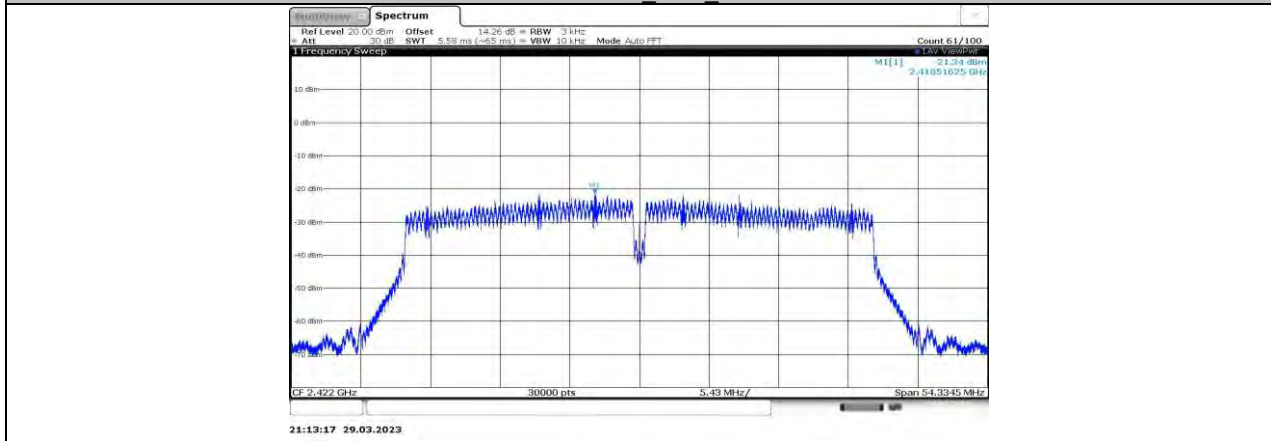
11N20MIMO Ant1 2462



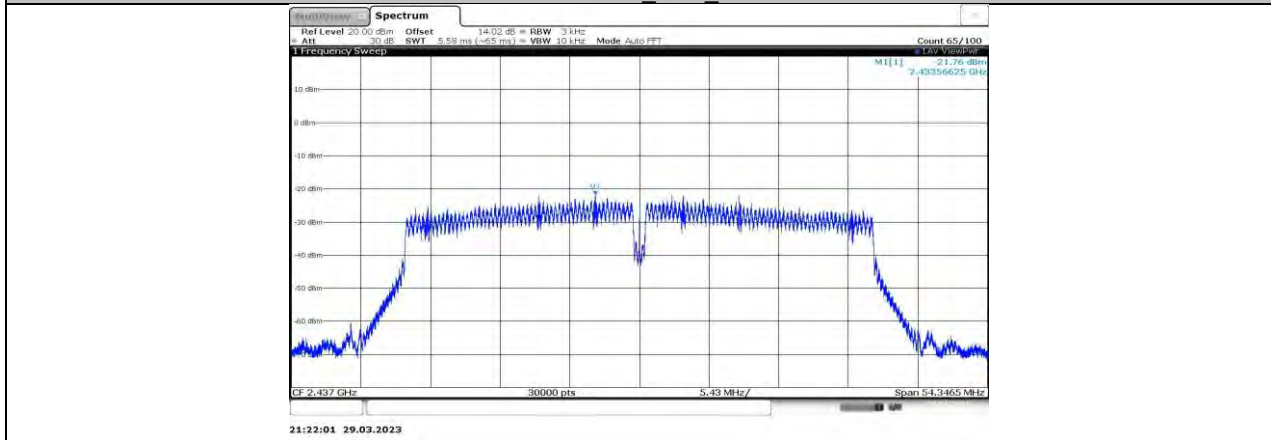
11N20MIMO Ant2 2462



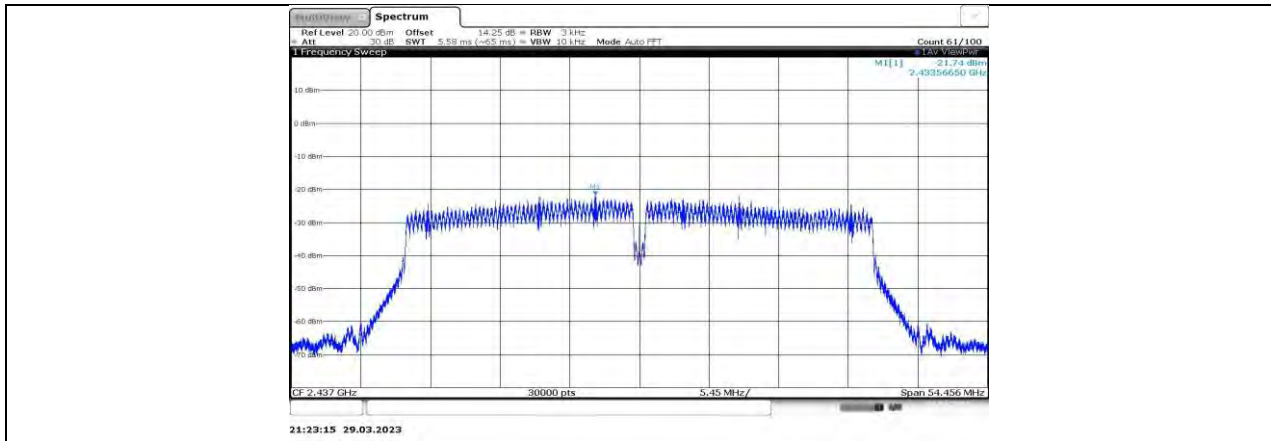
11N40MIMO_Ant1_2422



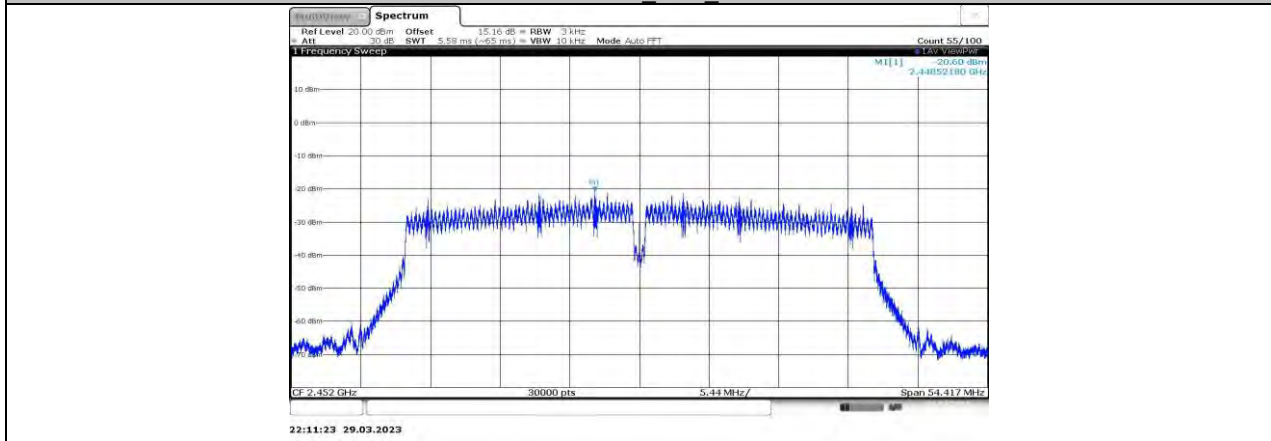
11N40MIMO_Ant2_2422



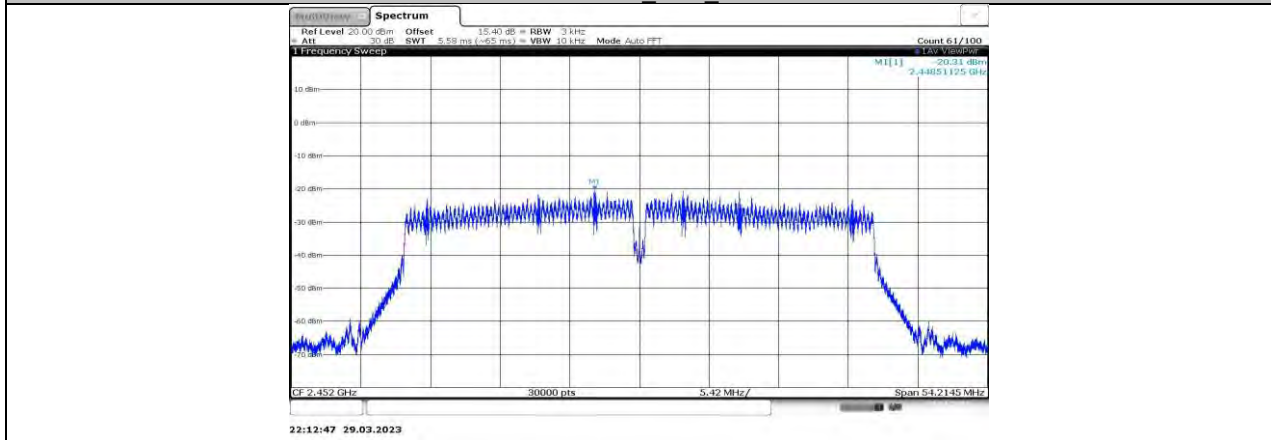
11N40MIMO_Ant1_2437



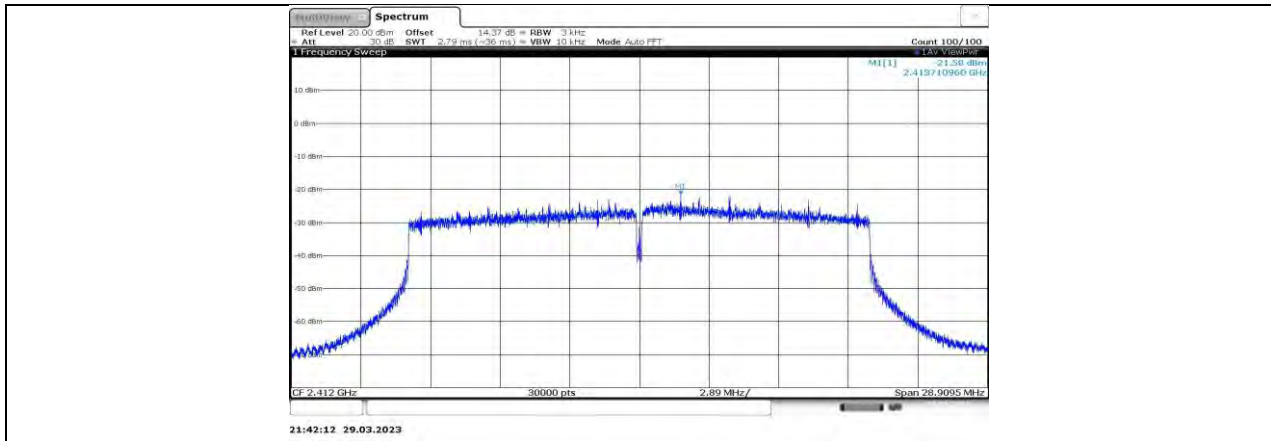
11N40MIMO_Ant2_2437



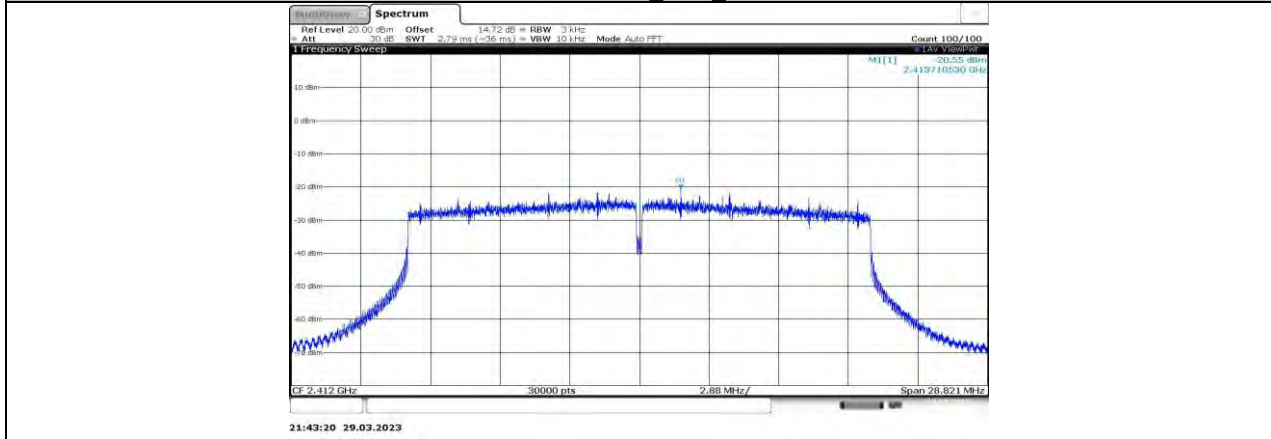
11N40MIMO_Ant1_2452



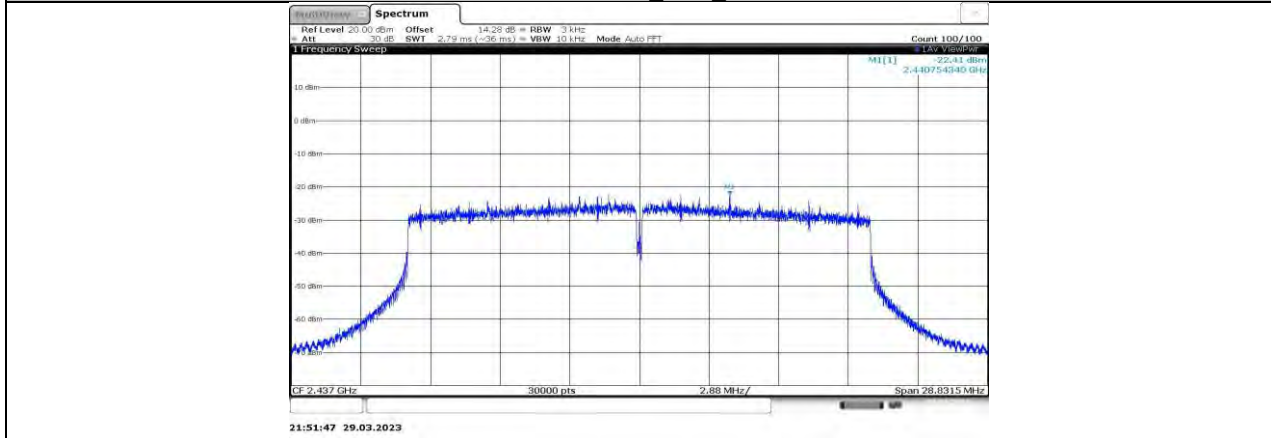
11N40MIMO_Ant2_2452



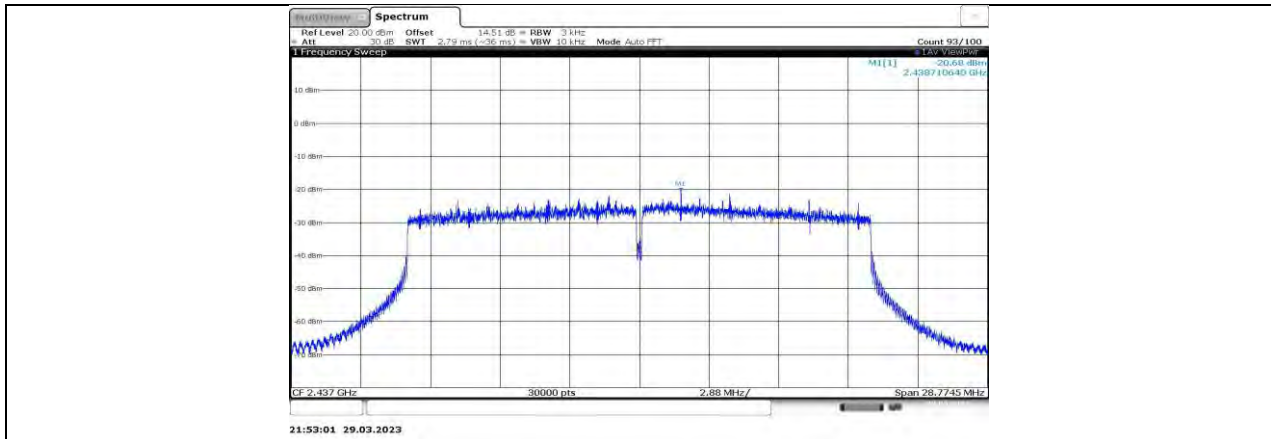
11AX20MIMO_Ant1_2412



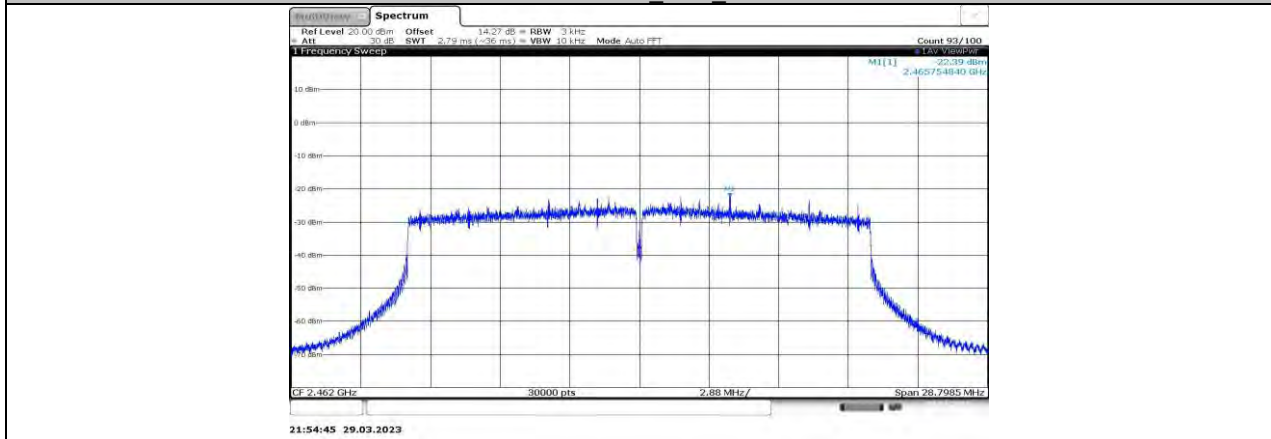
11AX20MIMO_Ant2_2412



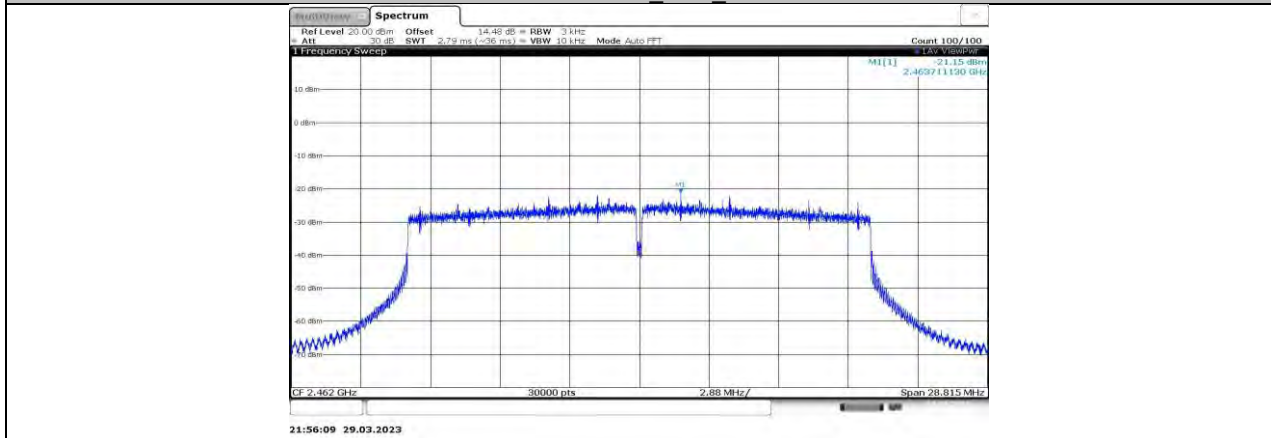
11AX20MIMO_Ant1_2437



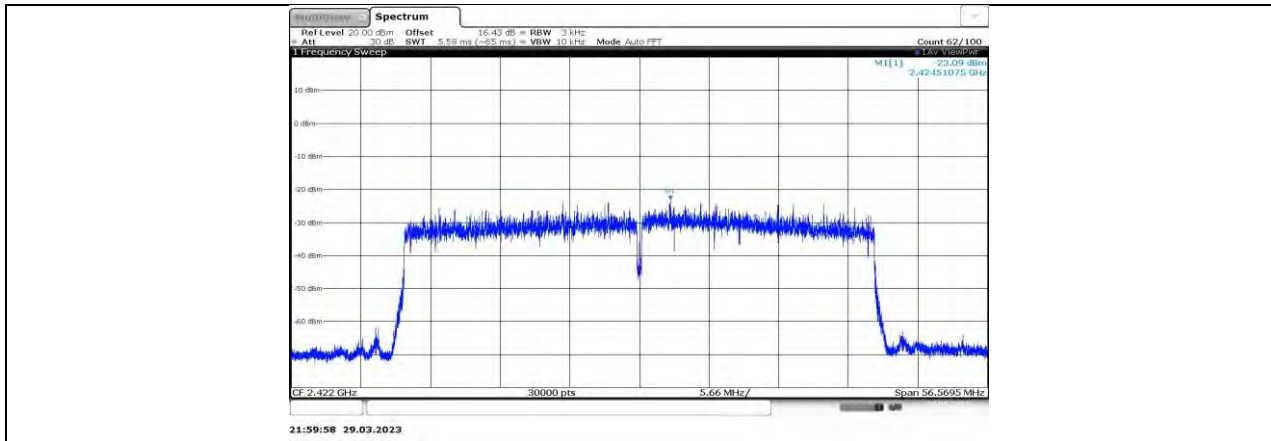
11AX20MIMO_Ant2_2437



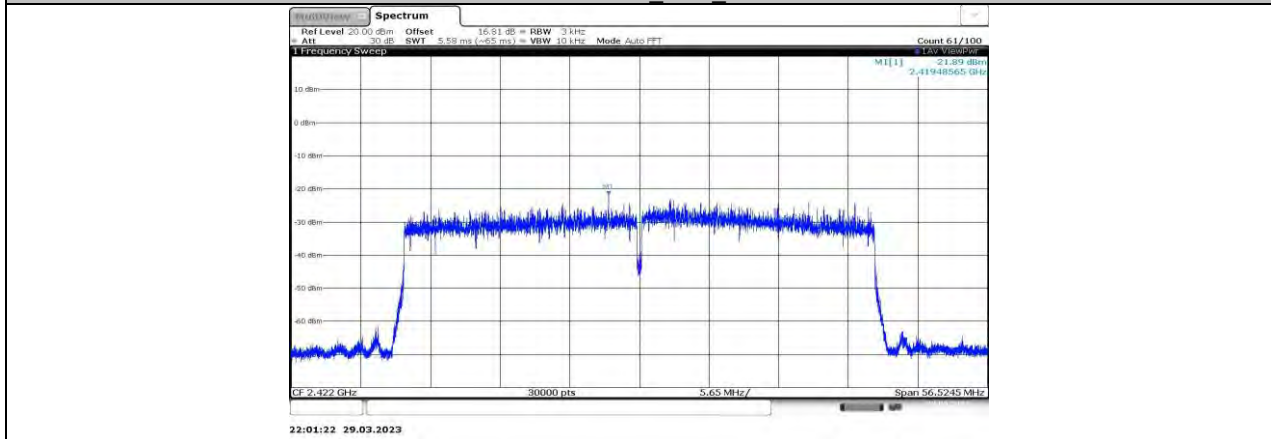
11AX20MIMO_Ant1_2462



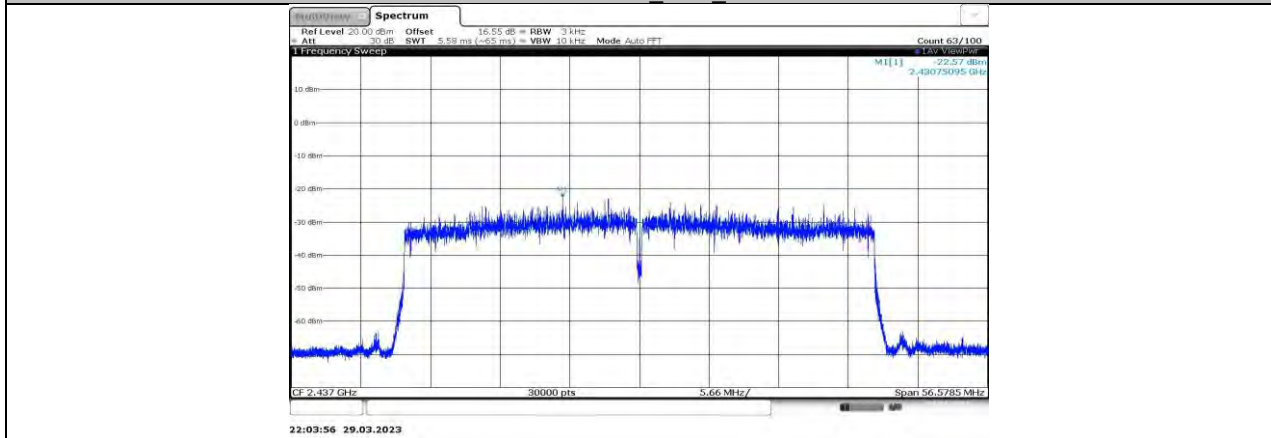
11AX20MIMO_Ant2_2462



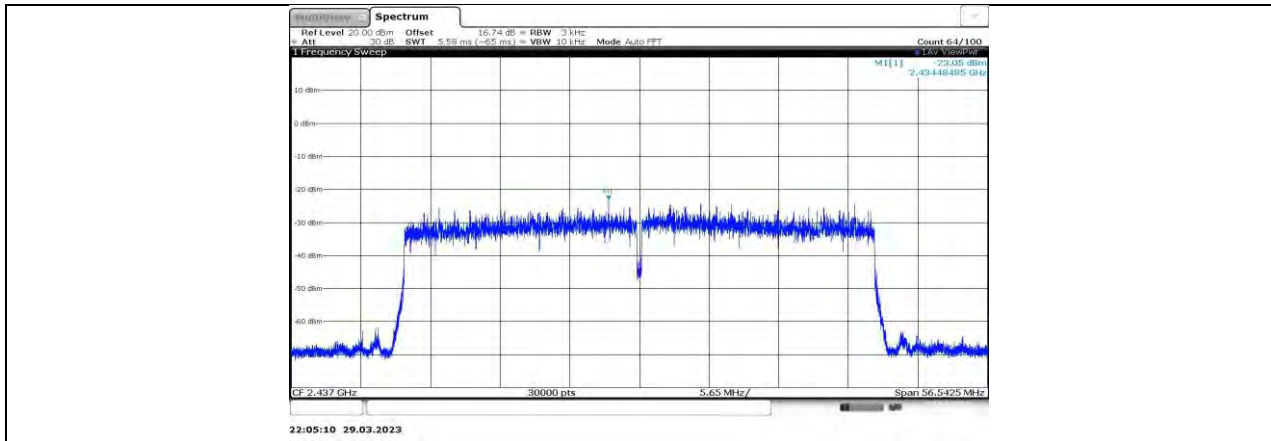
11AX40MIMO_Ant1_2422



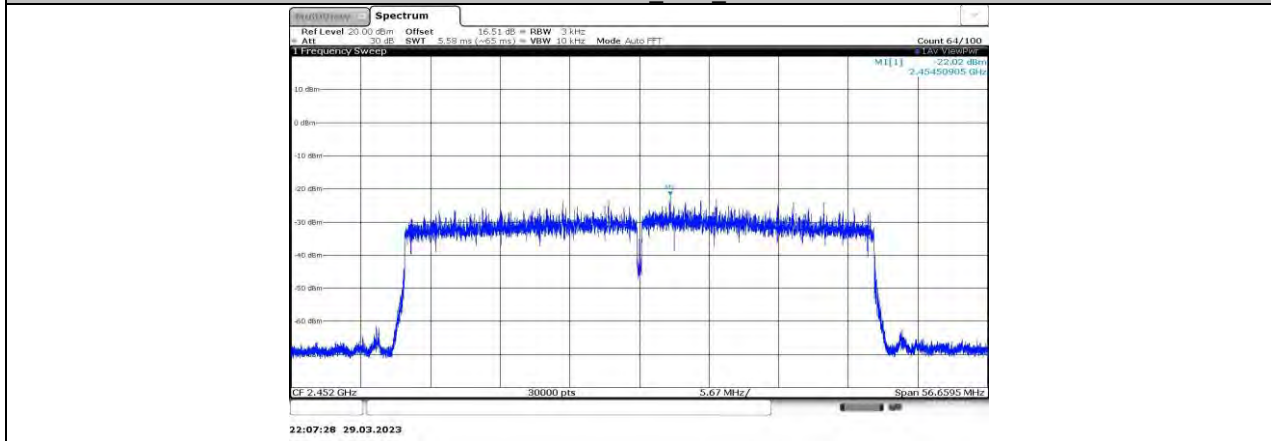
11AX40MIMO_Ant2_2422



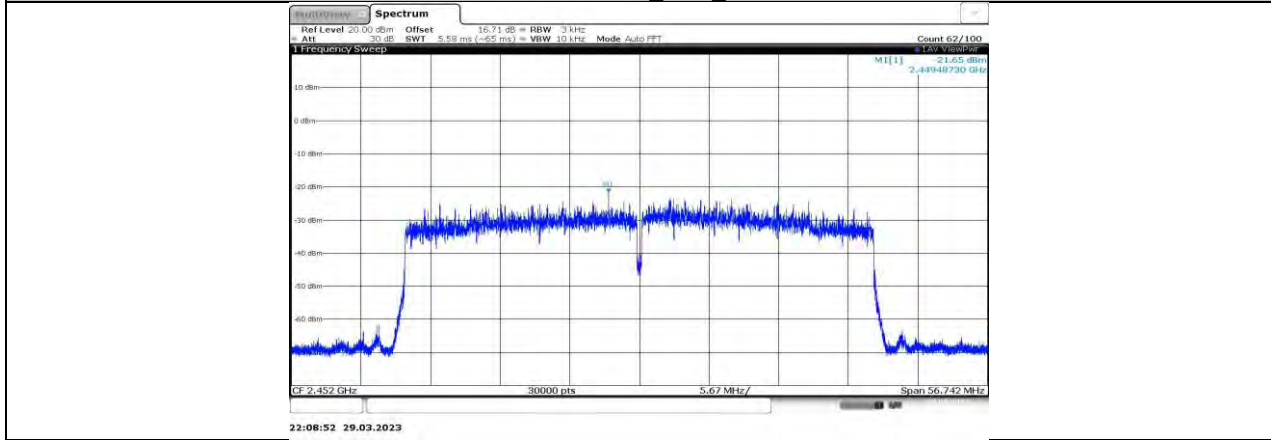
11AX40MIMO_Ant1_2437



11AX40MIMO_Ant2_2437



11AX40MIMO_Ant1_2452



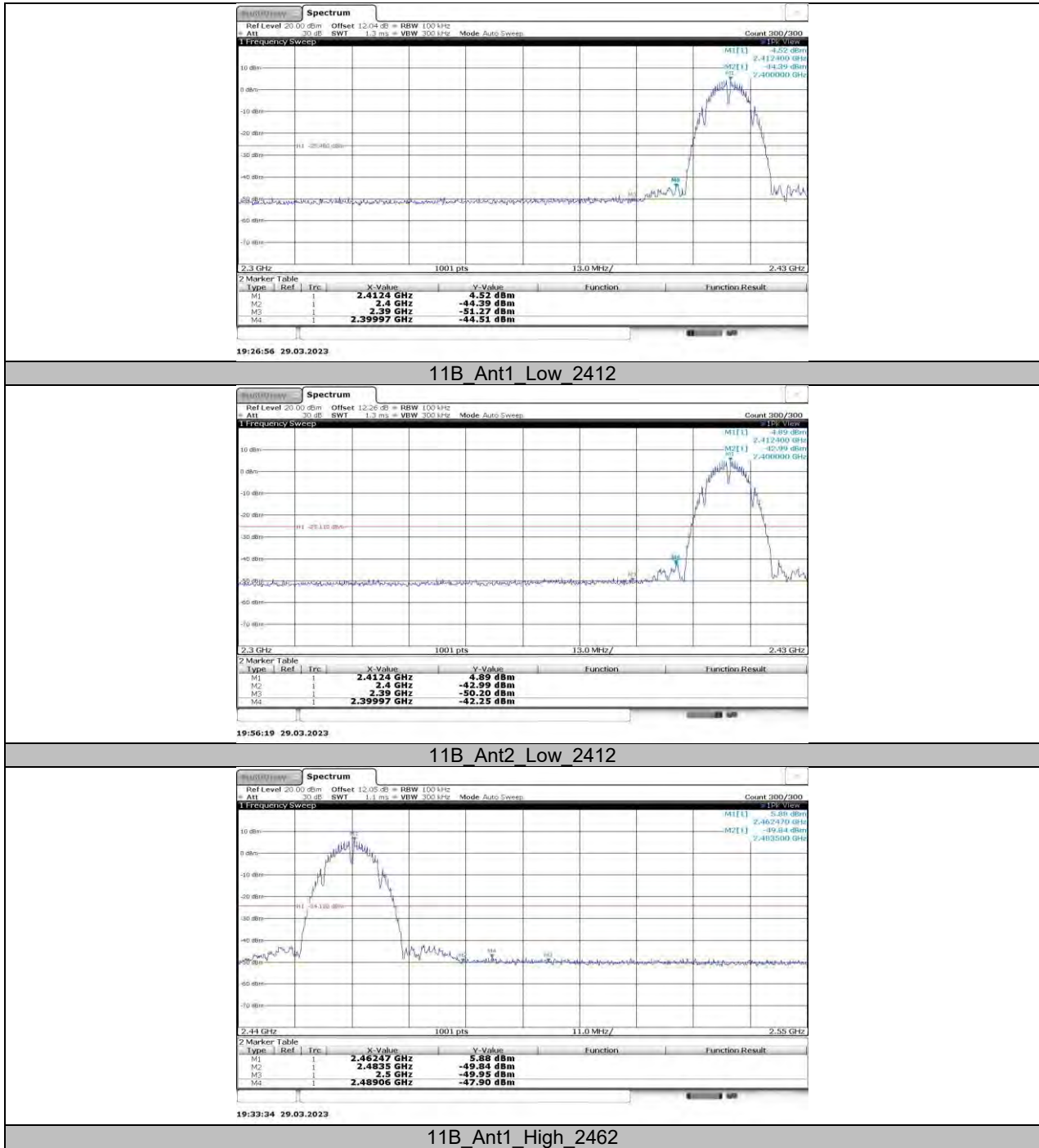
11AX40MIMO_Ant2_2452

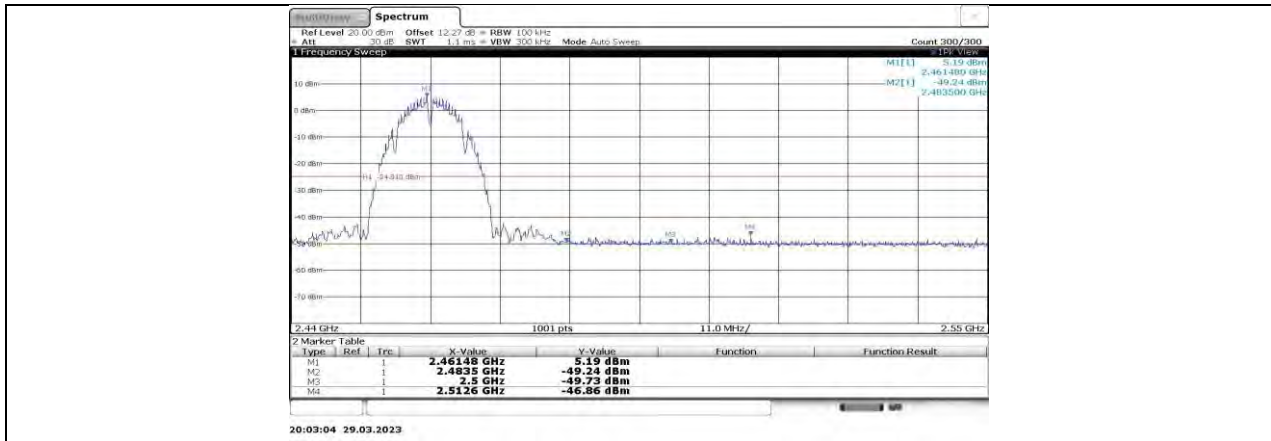
11.5. APPENDIX E: BAND EDGE MEASUREMENTS

11.5.1. Test Result

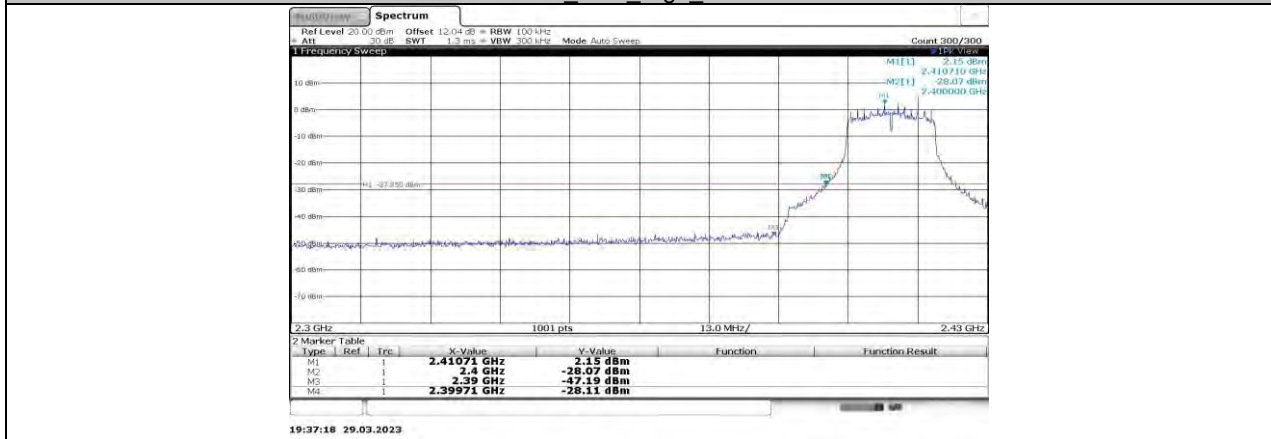
Test Mode	Antenna	ChName	Channel	RefLevel[dBm]	Result[dBm]	Limit[dBm]	Verdict
11B	Ant1	Low	2412	4.52	-44.51	≤-25.48	PASS
	Ant2	Low	2412	4.89	-42.25	≤-25.11	PASS
	Ant1	High	2462	5.88	-47.9	≤-24.12	PASS
	Ant2	High	2462	5.19	-46.86	≤-24.81	PASS
11G	Ant1	Low	2412	2.15	-28.11	≤-27.85	PASS
	Ant2	Low	2412	1.73	-28.67	≤-28.27	PASS
	Ant1	High	2462	2.32	-45.27	≤-27.68	PASS
	Ant2	High	2462	1.81	-45.46	≤-28.19	PASS
11N20MIMO	Ant1	Low	2412	-2.90	-33.79	≤-32.9	PASS
	Ant2	Low	2412	-2.51	-33.12	≤-32.51	PASS
	Ant1	High	2462	2.49	-43.15	≤-27.51	PASS
	Ant2	High	2462	2.86	-41.68	≤-27.14	PASS
11N40MIMO	Ant1	Low	2422	-1.08	-37.27	≤-31.08	PASS
	Ant2	Low	2422	-0.23	-40.25	≤-30.23	PASS
	Ant1	High	2452	-0.31	-44.75	≤-30.31	PASS
	Ant2	High	2452	0.39	-44.92	≤-29.61	PASS
11AX20MIMO	Ant1	Low	2412	-1.45	-32.74	≤-31.45	PASS
	Ant2	Low	2412	-1.90	-32.6	≤-31.9	PASS
	Ant1	High	2462	-1.10	-45	≤-31.1	PASS
	Ant2	High	2462	-0.78	-46.21	≤-30.78	PASS
11AX40MIMO	Ant1	Low	2422	-4.44	-46	≤-34.44	PASS
	Ant2	Low	2422	-3.81	-45.7	≤-33.81	PASS
	Ant1	High	2452	-4.21	-44.29	≤-34.21	PASS
	Ant2	High	2452	-3.37	-46.05	≤-33.37	PASS

11.5.2. Test Graphs

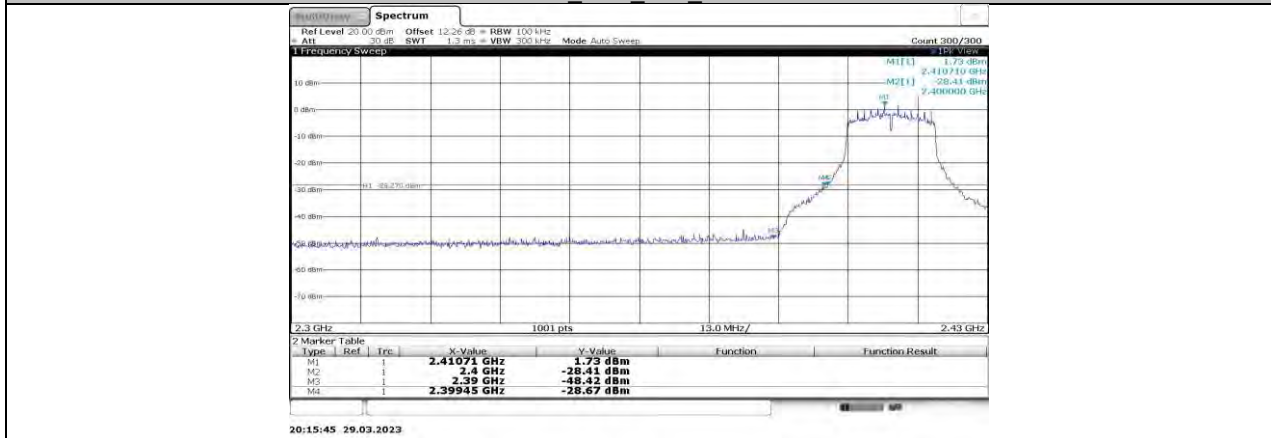




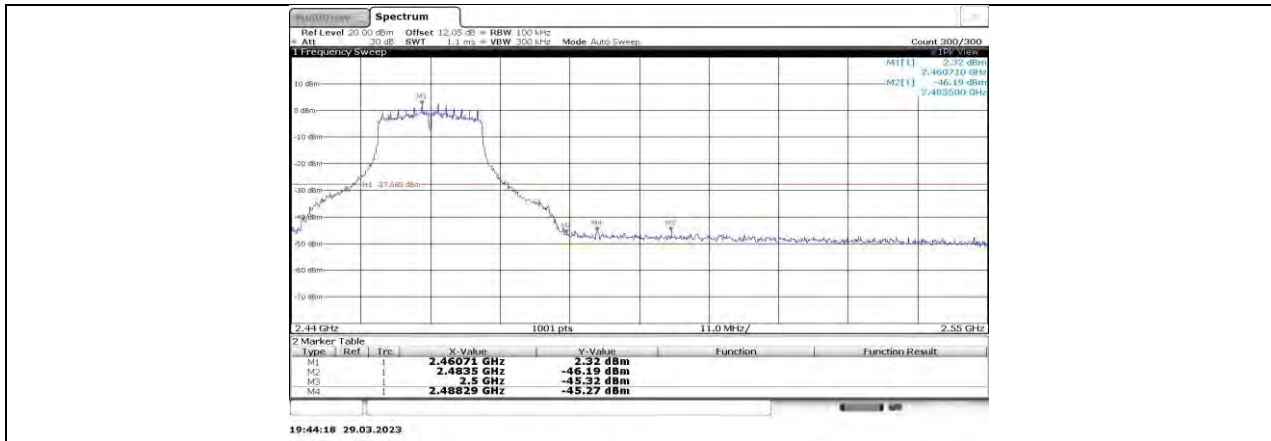
11B Ant2 High 2462



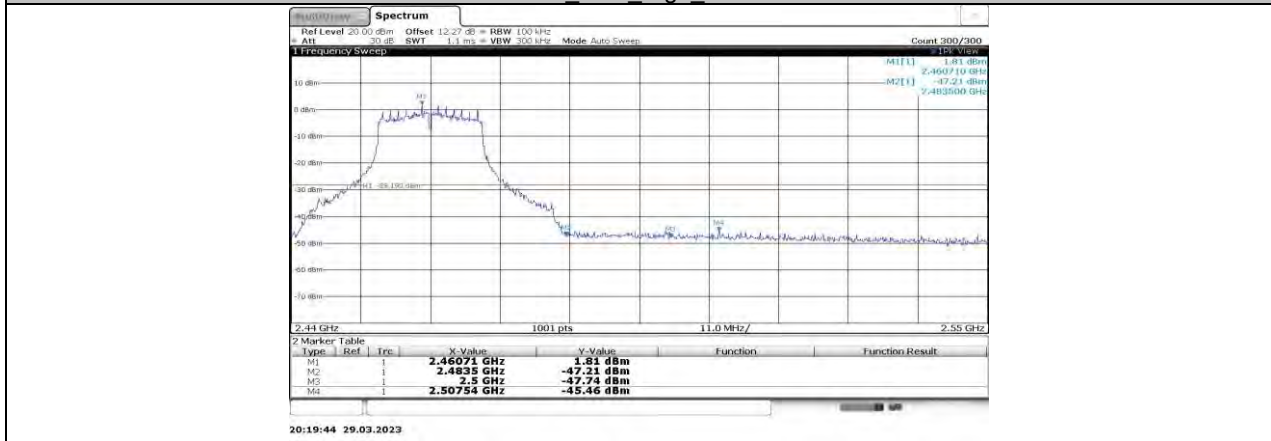
11G Ant1 Low 2412



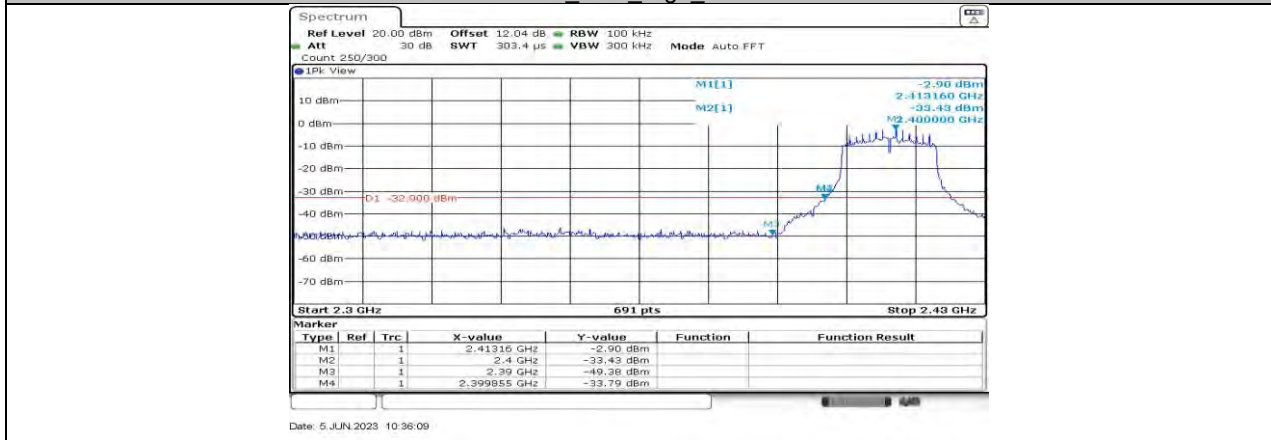
11G Ant2 Low 2412



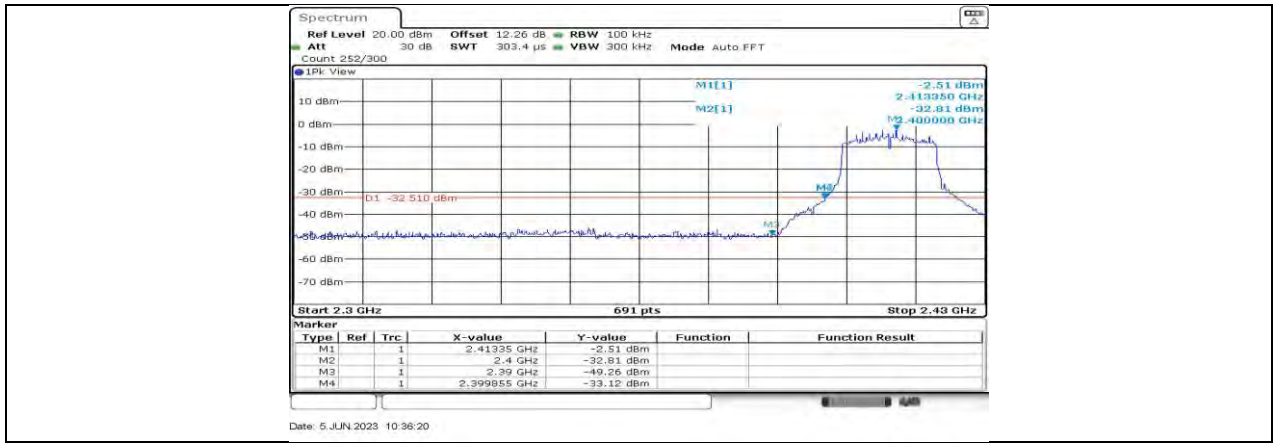
11G Ant1 High 2462



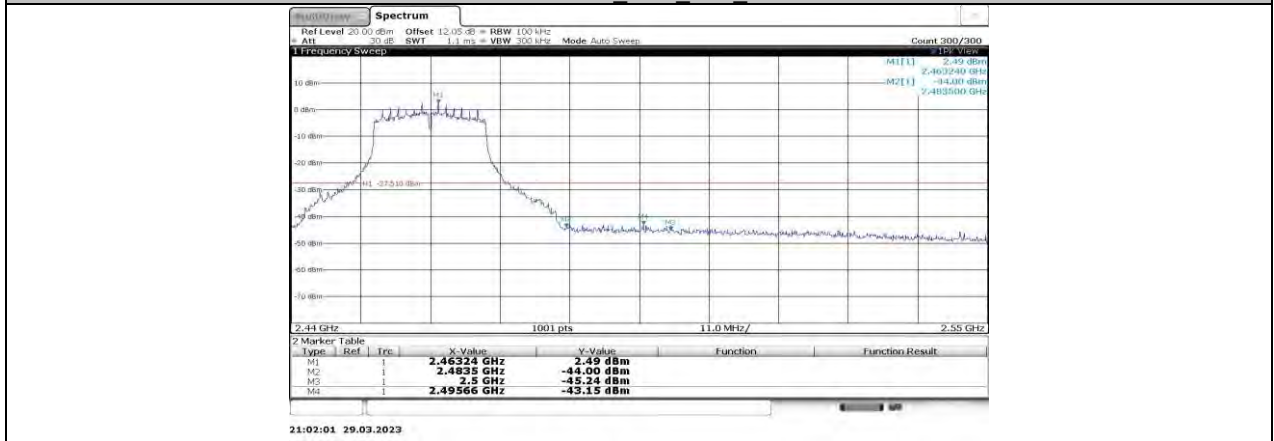
11G Ant2 High 2462



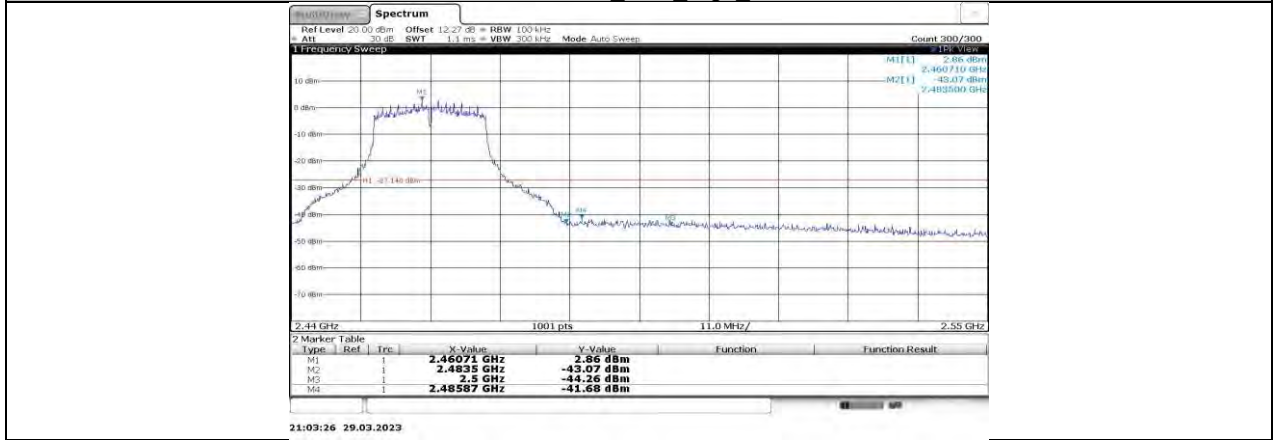
11N20MIMO Ant1 Low 2412



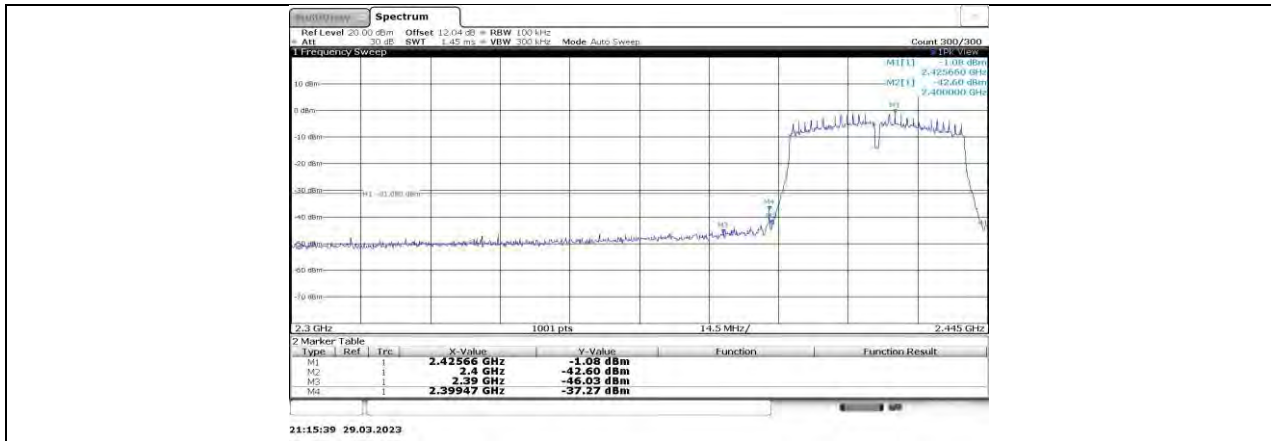
11N20MIMO_Ant2_Low_2412



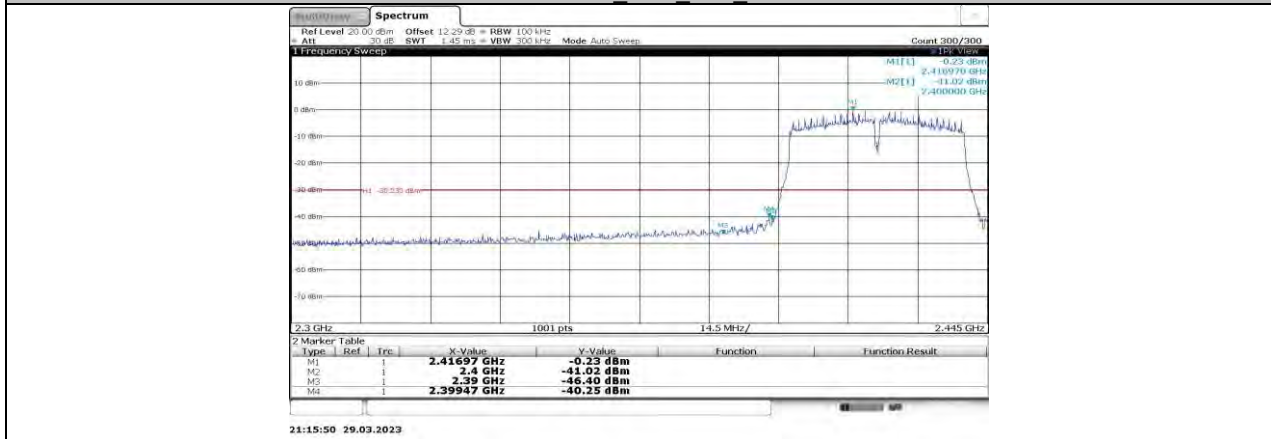
11N20MIMO_Ant1_High_2462



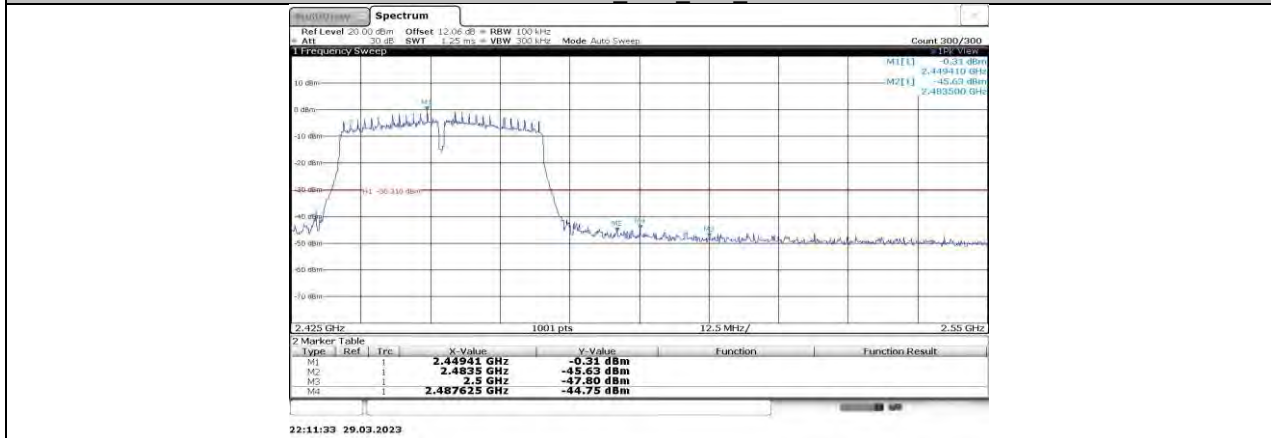
11N20MIMO_Ant2_High_2462



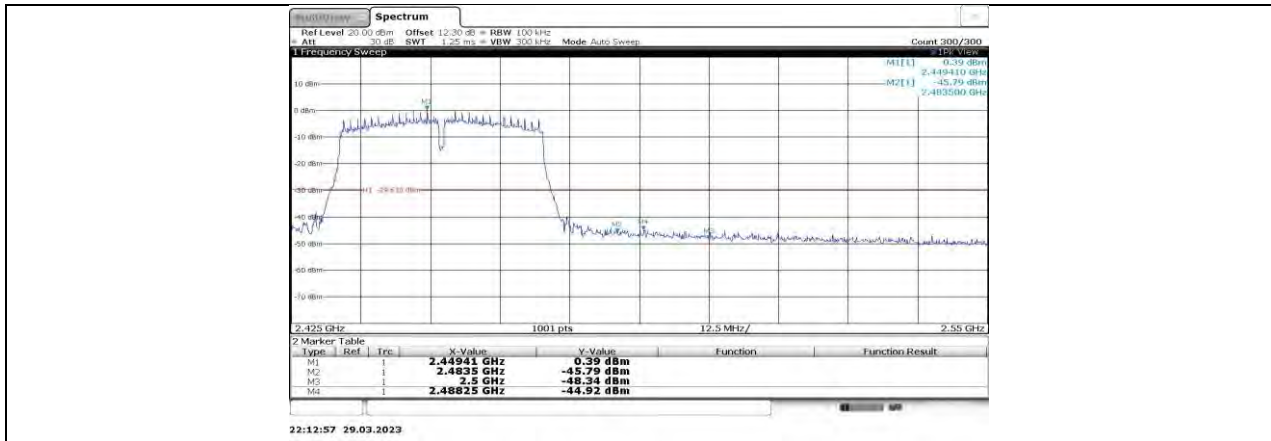
11N40MIMO_Ant1_Low_2422



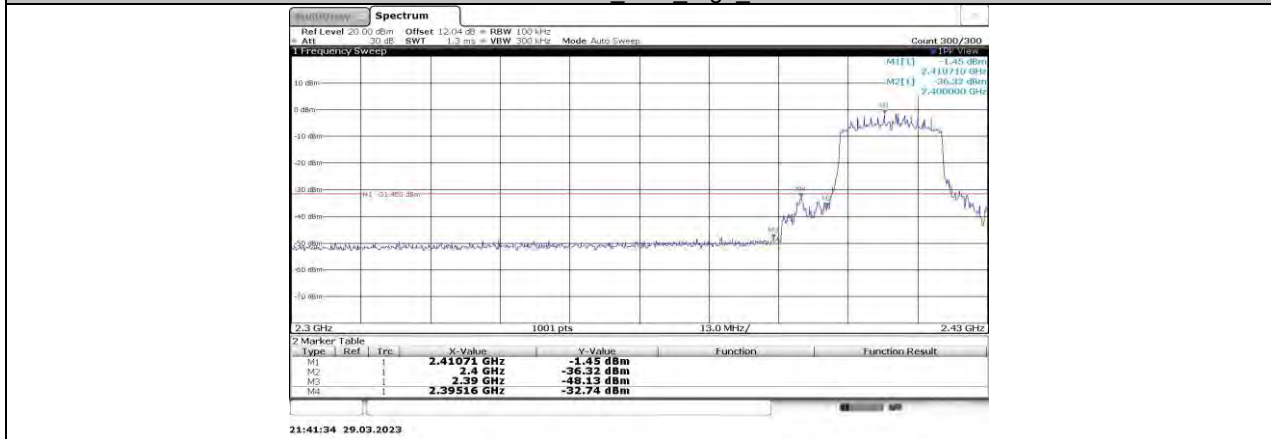
11N40MIMO_Ant2_Low_2422



11N40MIMO_Ant1_High_2452



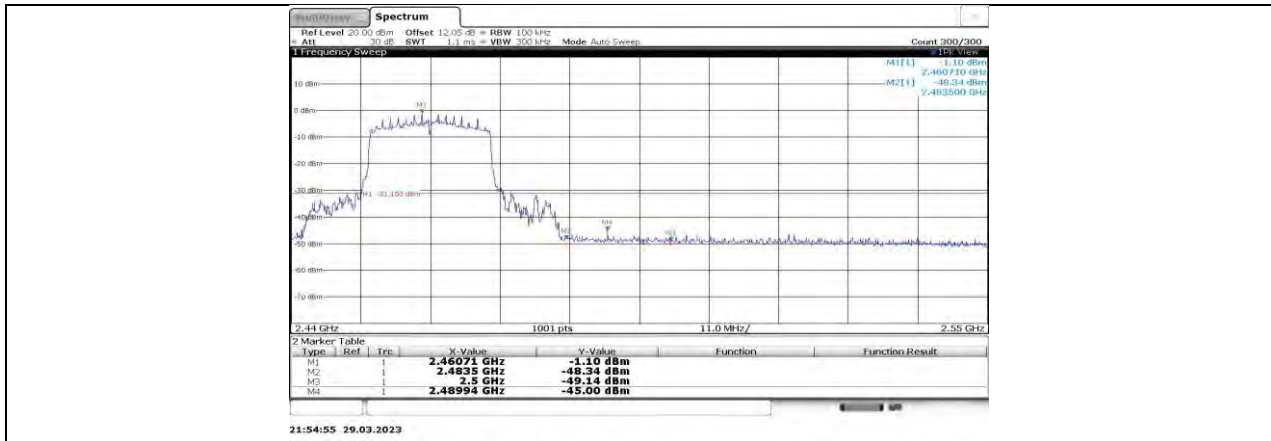
11N40MIMO Ant2 High 2452



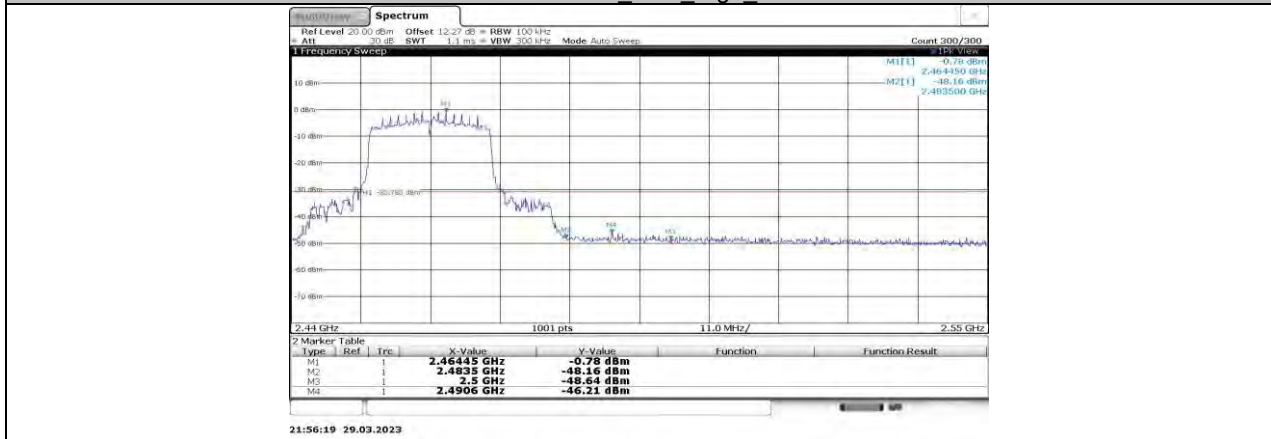
11AX20MIMO Ant1 Low 2412



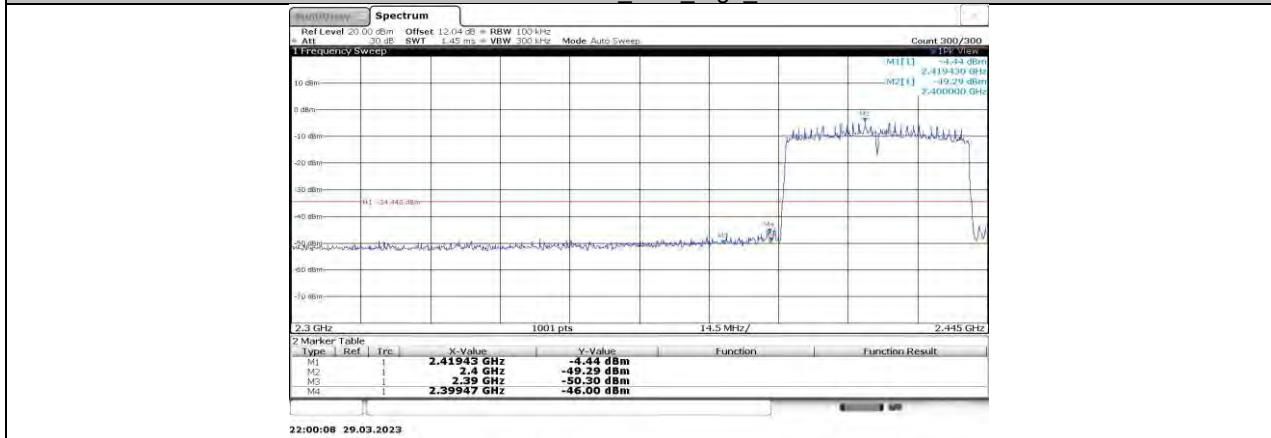
11AX20MIMO Ant2 Low 2412



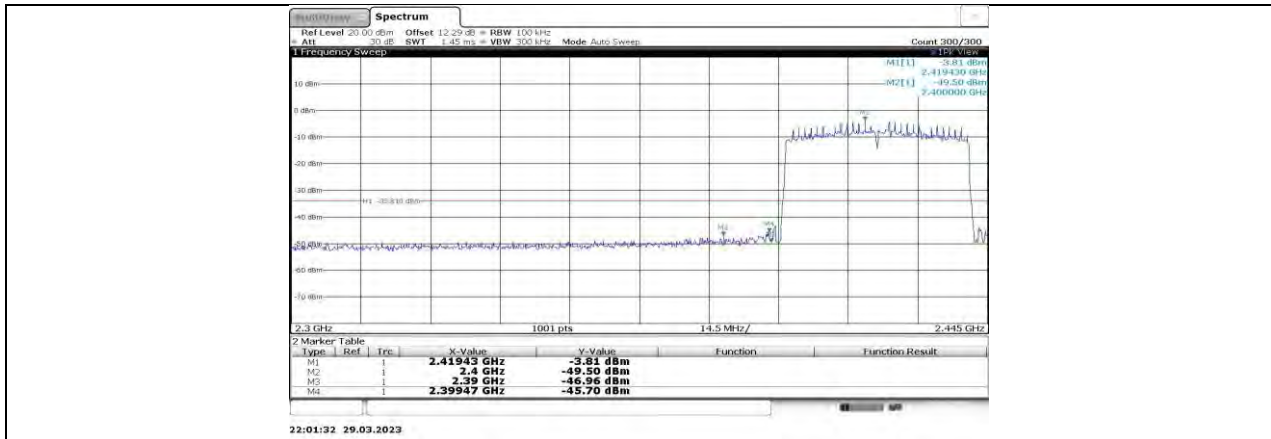
11AX20MIMO_Ant1_High_2462



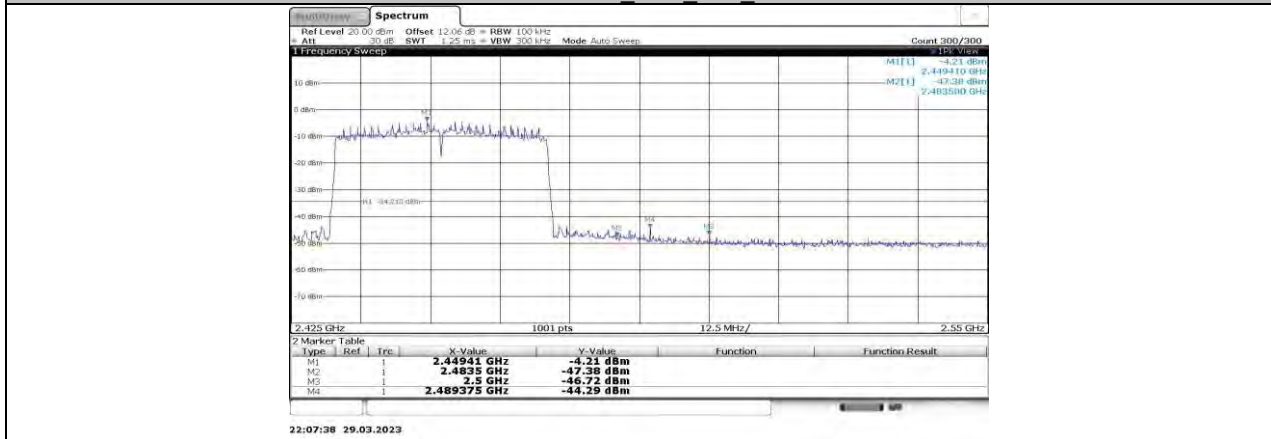
11AX20MIMO_Ant2_High_2462



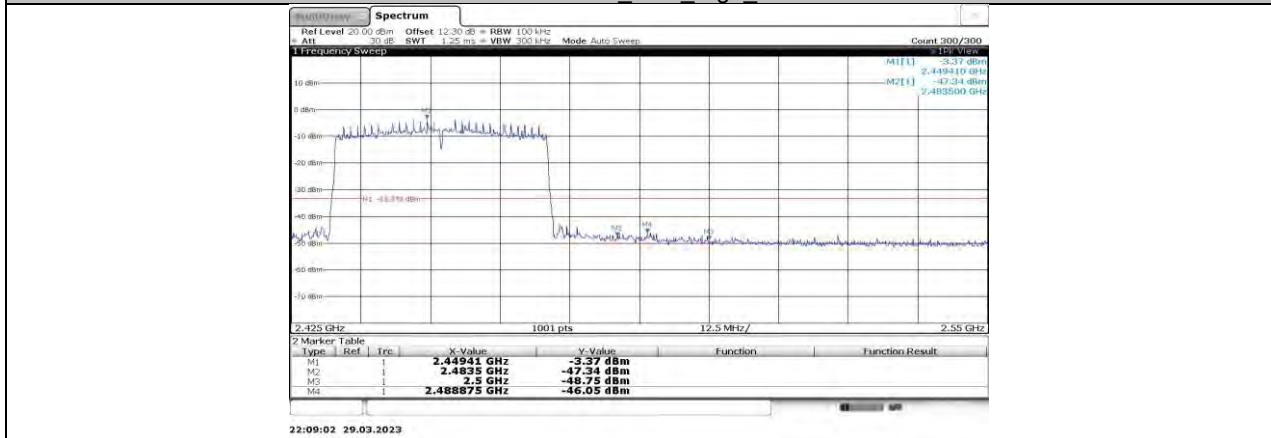
11AX40MIMO_Ant1_Low_2422



11AX40MIMO Ant2 Low 2422



11AX40MIMO Ant1 High 2452



11AX40MIMO Ant2 High 2452

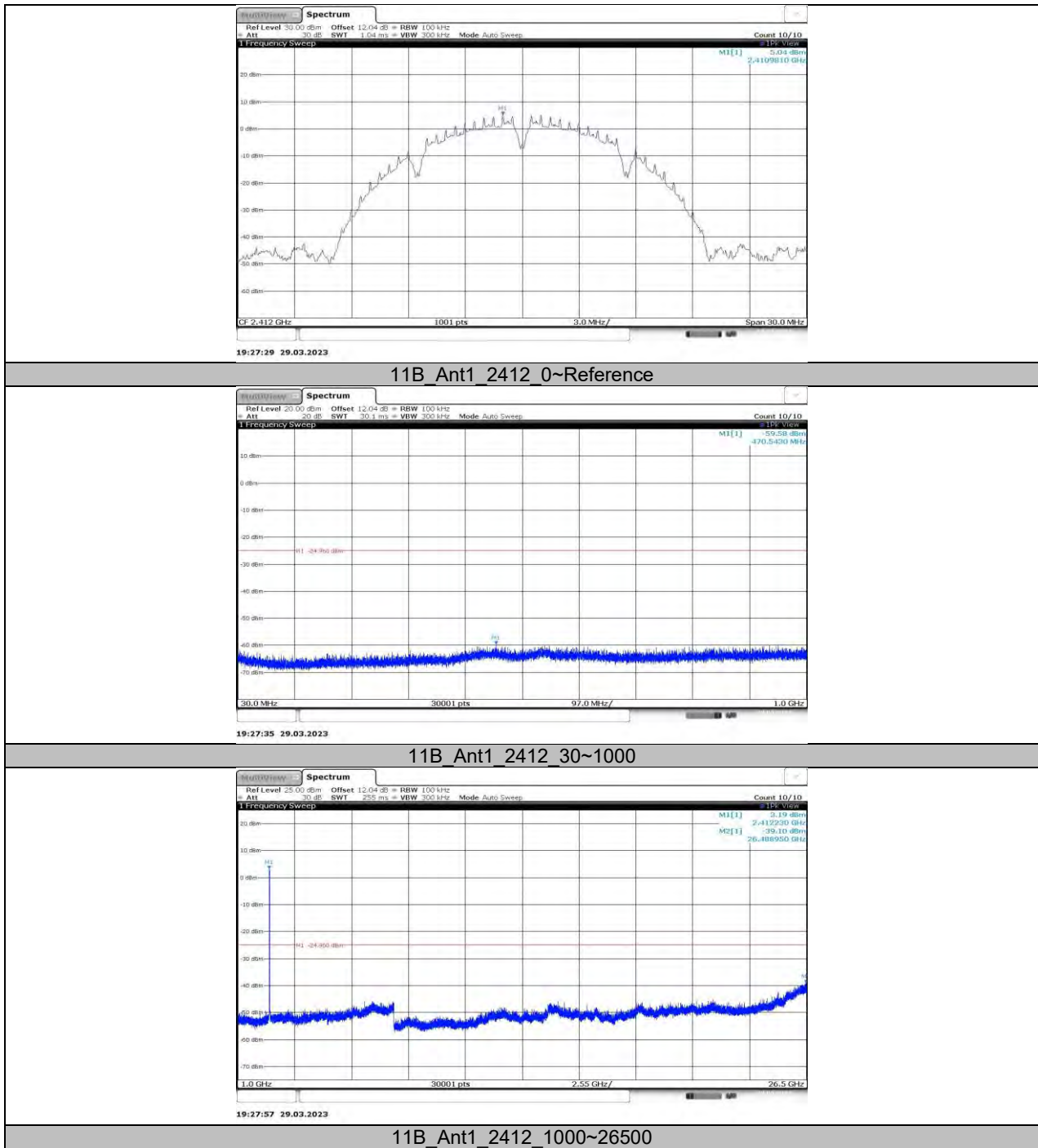
11.6. APPENDIX F: CONDUCTED SPURIOUS EMISSION

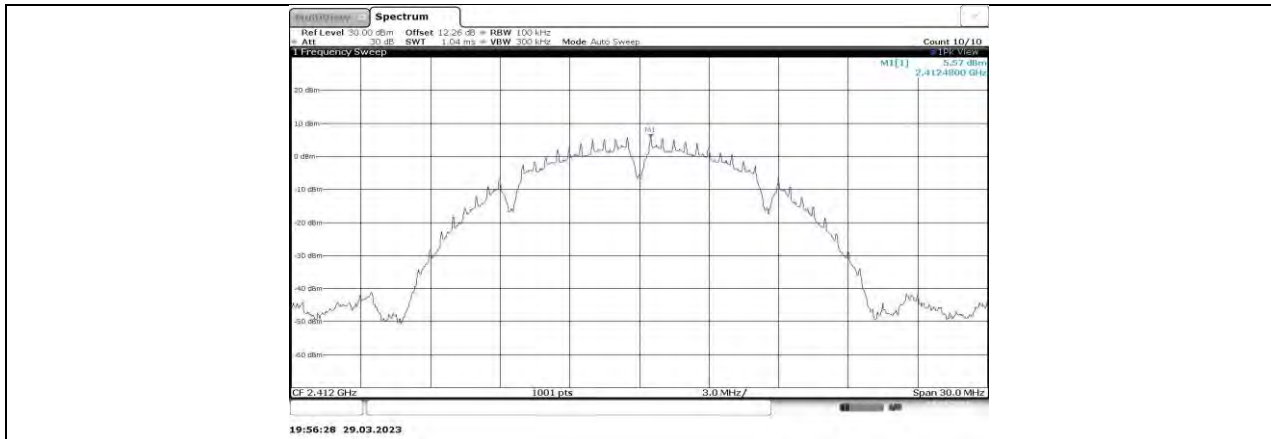
11.6.1. Test Result

Test Mode	Antenna	Channel	FreqRange [Mhz]	Result [dBm]	Limit [dBm]	Verdict	
11B	Ant1	2412	Reference	5.04	---	PASS	
			30~1000	-59.58	≤-24.96	PASS	
			1000~26500	-39.1	≤-24.96	PASS	
	Ant2	2412	Reference	5.57	---	PASS	
			30~1000	-58.83	≤-24.43	PASS	
			1000~26500	-37.99	≤-24.43	PASS	
	Ant1	2437	Reference	5.24	---	PASS	
			30~1000	-59.6	≤-24.76	PASS	
			1000~26500	-37.91	≤-24.76	PASS	
	Ant2	2437	Reference	5.68	---	PASS	
			30~1000	-59.41	≤-24.32	PASS	
			1000~26500	-39.16	≤-24.32	PASS	
	Ant1	2462	Reference	6.00	---	PASS	
			30~1000	-59.2	≤-24	PASS	
			1000~26500	-39.47	≤-24	PASS	
	Ant2	2462	Reference	5.63	---	PASS	
			30~1000	-59.36	≤-24.37	PASS	
			1000~26500	-38.35	≤-24.37	PASS	
	11G	Ant1	2412	Reference	2.56	---	PASS
				30~1000	-59.43	≤-27.44	PASS
				1000~26500	-38.59	≤-27.44	PASS
		Ant2	2412	Reference	2.17	---	PASS
				30~1000	-59.4	≤-27.83	PASS
				1000~26500	-38.59	≤-27.83	PASS
Ant1		2437	Reference	2.52	---	PASS	
			30~1000	-59.51	≤-27.48	PASS	
			1000~26500	-39.39	≤-27.48	PASS	
Ant2		2437	Reference	1.95	---	PASS	
			30~1000	-59.26	≤-28.05	PASS	
			1000~26500	-38.69	≤-28.05	PASS	
Ant1		2462	Reference	2.42	---	PASS	
			30~1000	-58.81	≤-27.58	PASS	
			1000~26500	-38.47	≤-27.58	PASS	
Ant2		2462	Reference	2.02	---	PASS	
			30~1000	-58.74	≤-27.98	PASS	
			1000~26500	-38.67	≤-27.98	PASS	
11N20MIMO		Ant1	2412	Reference	2.69	---	PASS
			2437	Reference	2.74	---	PASS
				30~1000	-59.99	≤-27.26	PASS
		Ant2	2437	1000~26500	-37.38	≤-27.26	PASS
				Reference	2.80	---	PASS
				30~1000	-59.13	≤-27.2	PASS
	Ant1	2462	1000~26500	-38.79	≤-27.2	PASS	
			Reference	2.63	---	PASS	
			30~1000	-58.27	≤-27.37	PASS	
	Ant2	2462	1000~26500	-38.91	≤-27.37	PASS	
			Reference	3.16	---	PASS	
			30~1000	-58.63	≤-26.84	PASS	
11N40MIMO	Ant1	2422	1000~26500	-38.65	≤-26.84	PASS	
			Reference	-0.34	---	PASS	
			30~1000	-58.78	≤-30.34	PASS	
	Ant2	2422	1000~26500	-38.7	≤-30.34	PASS	
			Reference	-0.05	---	PASS	
			30~1000	-59.48	≤-30.05	PASS	
	Ant1	2437	1000~26500	-37.98	≤-30.05	PASS	
			Reference	-0.50	---	PASS	
			30~1000	-59.39	≤-30.5	PASS	

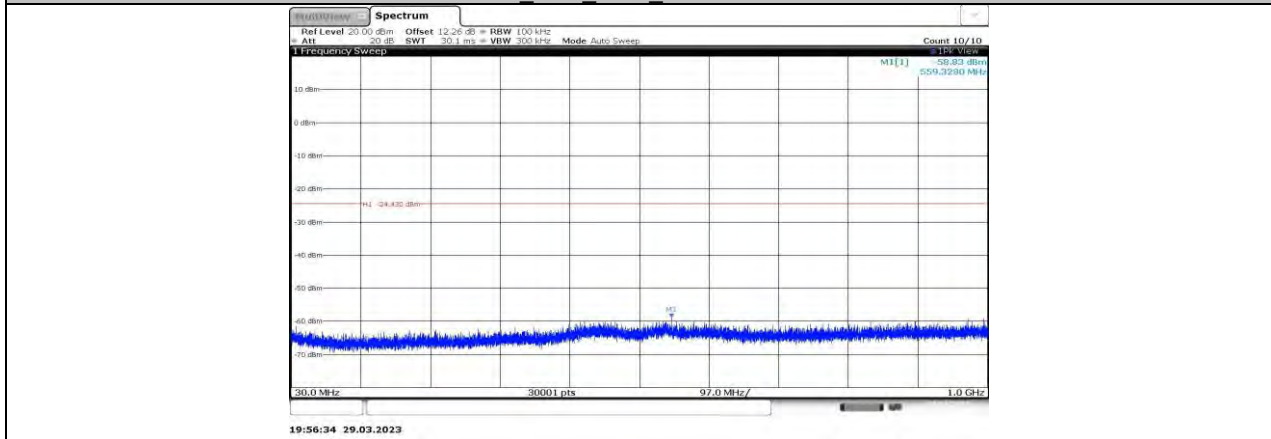
	Ant2	2437	1000~26500	-39.12	≤ -30.5	PASS
			Reference	0.18	---	PASS
			30~1000	-58	≤ -29.82	PASS
	Ant1	2452	1000~26500	-38.66	≤ -29.82	PASS
			Reference	-0.38	---	PASS
			30~1000	-59.38	≤ -30.38	PASS
	Ant2	2452	1000~26500	-38.9	≤ -30.38	PASS
			Reference	0.45	---	PASS
			30~1000	-58.86	≤ -29.55	PASS
11AX20MIMO	Ant1	2412	1000~26500	-38.44	≤ -29.55	PASS
			Reference	-1.00	---	PASS
			30~1000	-59.32	≤ -31	PASS
	Ant2	2412	1000~26500	-38.35	≤ -31	PASS
			Reference	-0.44	---	PASS
			30~1000	-59.14	≤ -30.44	PASS
	Ant1	2437	1000~26500	-38.93	≤ -30.44	PASS
			Reference	-1.00	---	PASS
			30~1000	-59.3	≤ -31	PASS
	Ant2	2437	1000~26500	-39.27	≤ -31	PASS
			Reference	-0.62	---	PASS
			30~1000	-59.16	≤ -30.62	PASS
	Ant1	2462	1000~26500	-38.47	≤ -30.62	PASS
			Reference	-0.95	---	PASS
			30~1000	-59.48	≤ -30.95	PASS
	Ant2	2462	1000~26500	-38.84	≤ -30.95	PASS
			Reference	-0.58	---	PASS
			30~1000	-58.92	≤ -30.58	PASS
11AX40MIMO	Ant1	2422	1000~26500	-38.65	≤ -30.58	PASS
			Reference	-3.97	---	PASS
			30~1000	-59.33	≤ -33.97	PASS
	Ant2	2422	1000~26500	-38.91	≤ -33.97	PASS
			Reference	-3.14	---	PASS
			30~1000	-59.29	≤ -33.14	PASS
	Ant1	2437	1000~26500	-38.91	≤ -33.14	PASS
			Reference	-4.28	---	PASS
			30~1000	-59.62	≤ -34.28	PASS
	Ant2	2437	1000~26500	-39.21	≤ -34.28	PASS
			Reference	-3.43	---	PASS
			30~1000	-59.51	≤ -33.43	PASS
	Ant1	2452	1000~26500	-38.32	≤ -33.43	PASS
			Reference	-4.09	---	PASS
			30~1000	-59.31	≤ -34.09	PASS
	Ant2	2452	1000~26500	-39.29	≤ -34.09	PASS
			Reference	-3.26	---	PASS
			30~1000	-59.36	≤ -33.26	PASS
			1000~26500	-38.85	≤ -33.26	PASS

11.6.2. Test Graphs

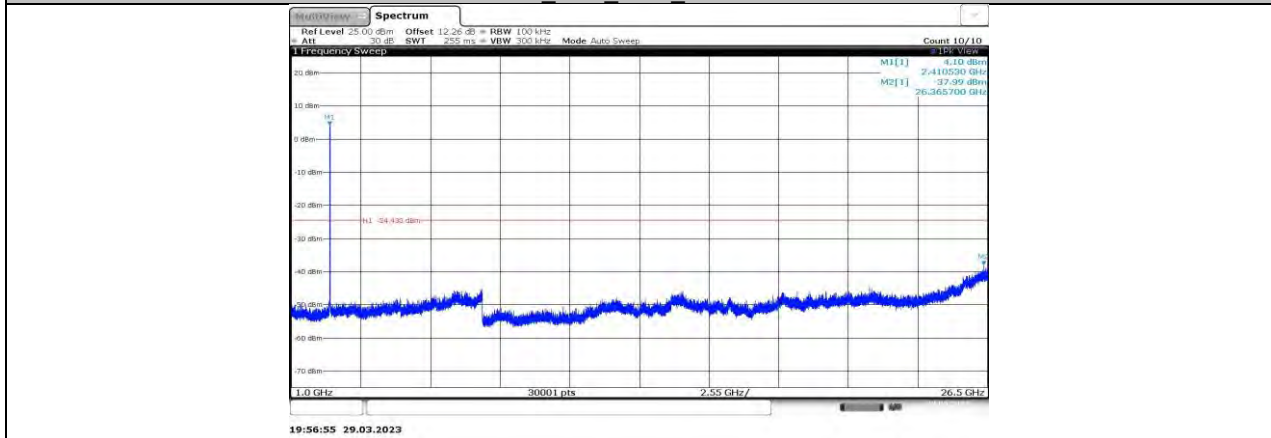




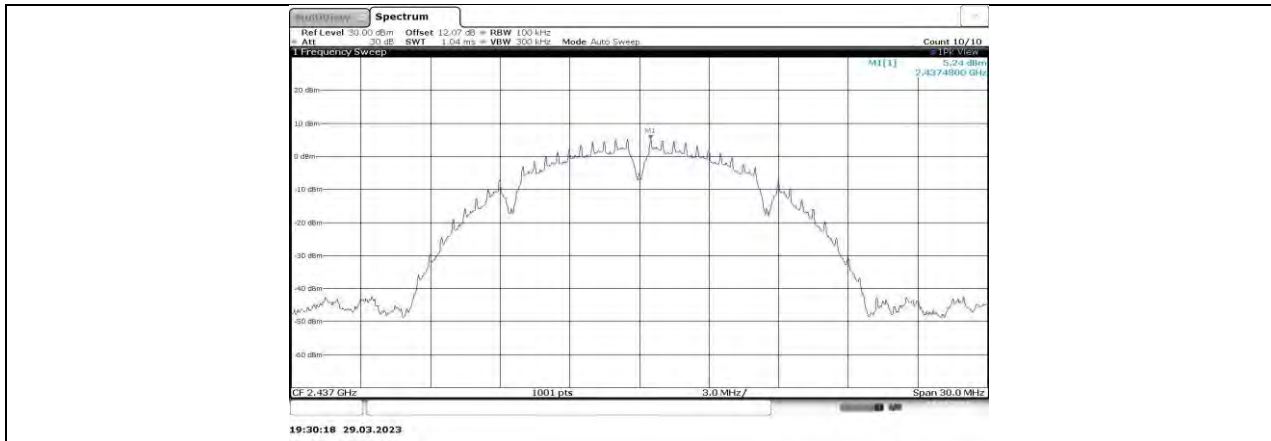
11B_Ant2_2412_0~Reference



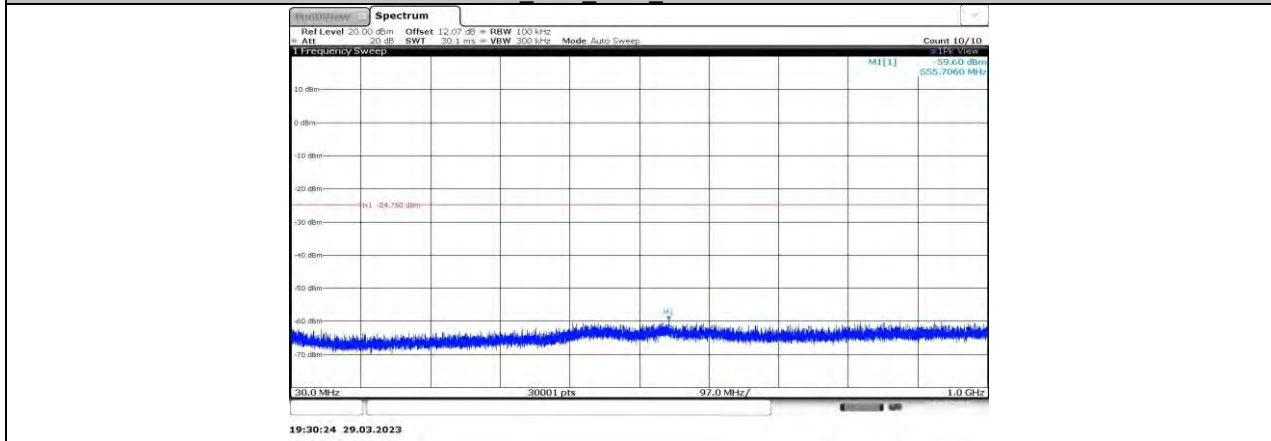
11B_Ant2_2412_30~1000



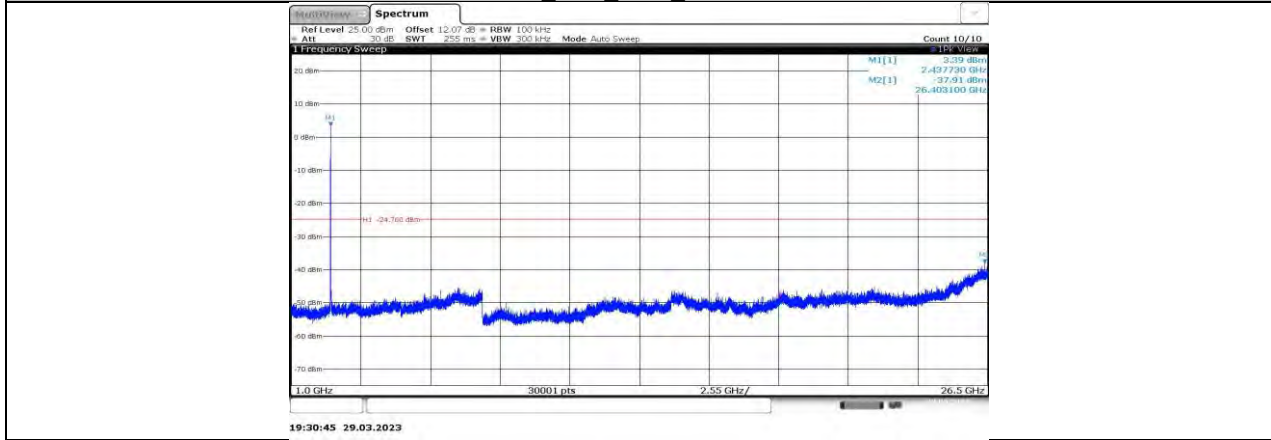
11B_Ant2_2412_1000~26500



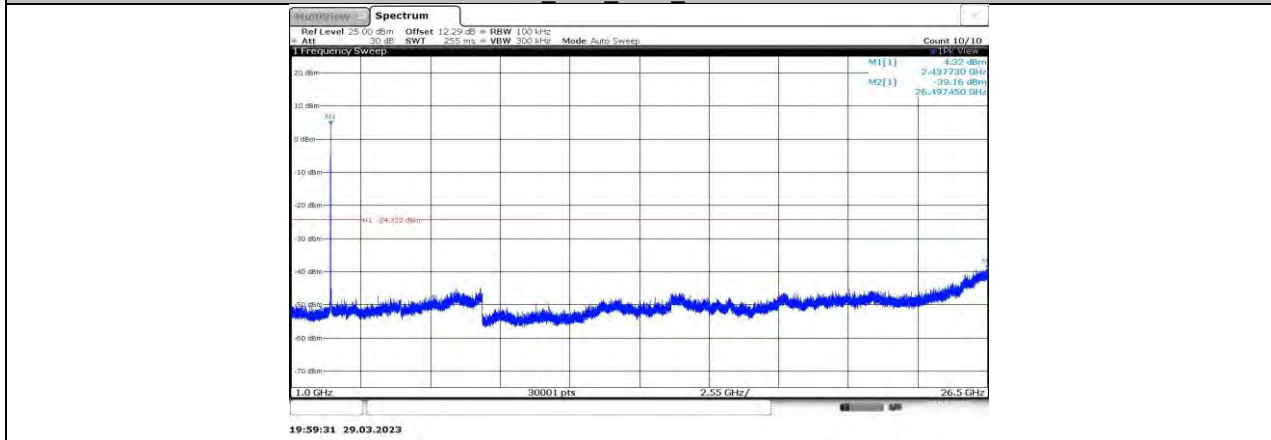
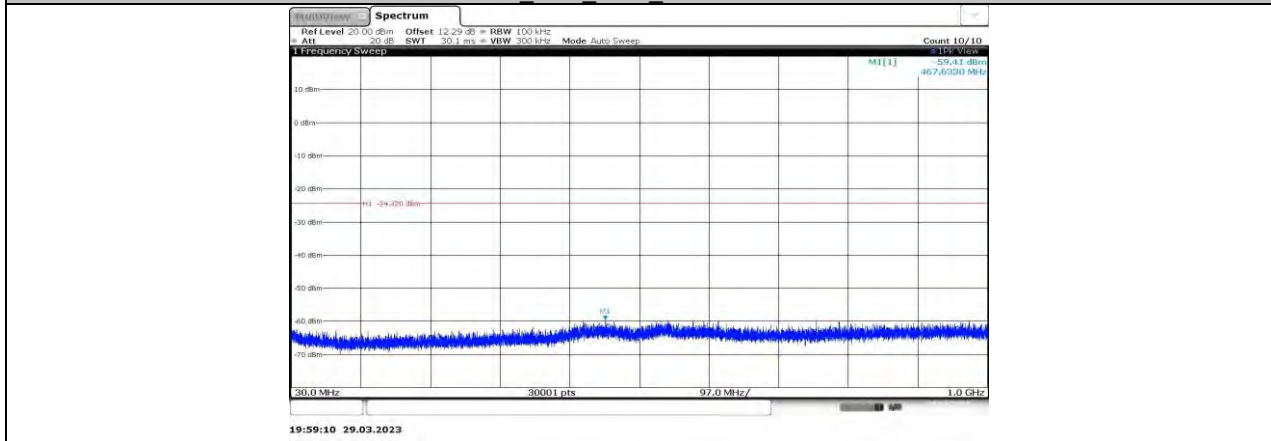
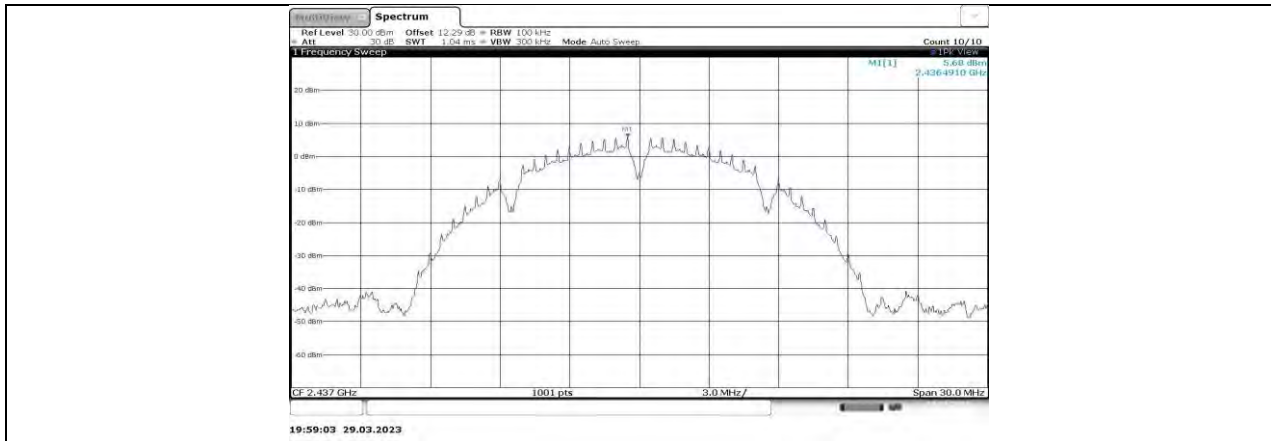
11B_Ant1_2437_0~Reference

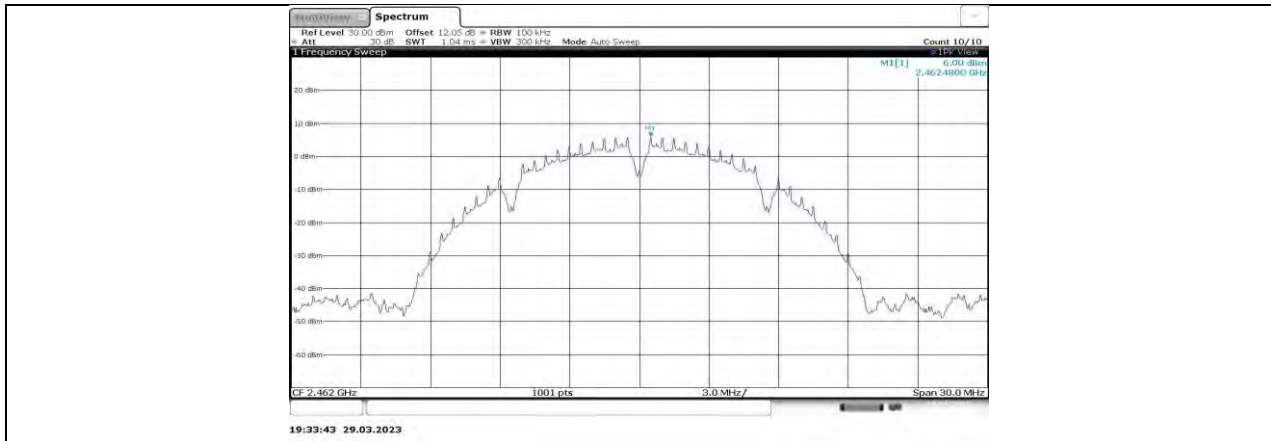


11B_Ant1_2437_30~1000

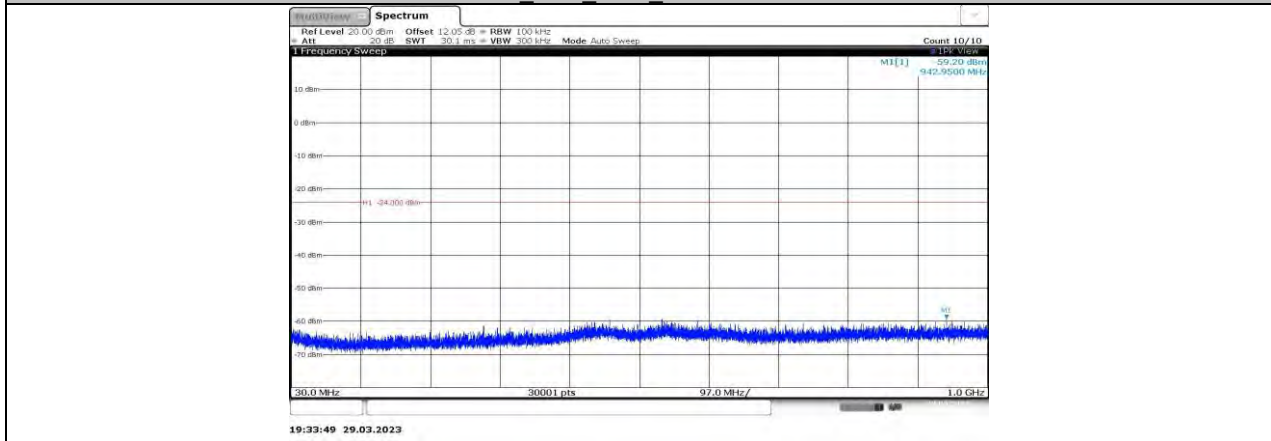


11B_Ant1_2437_1000~26500

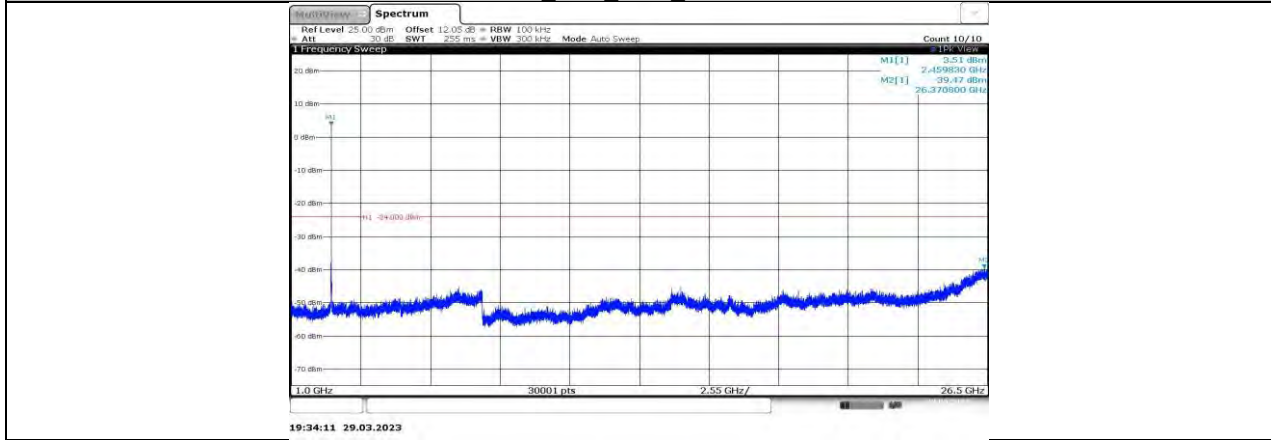




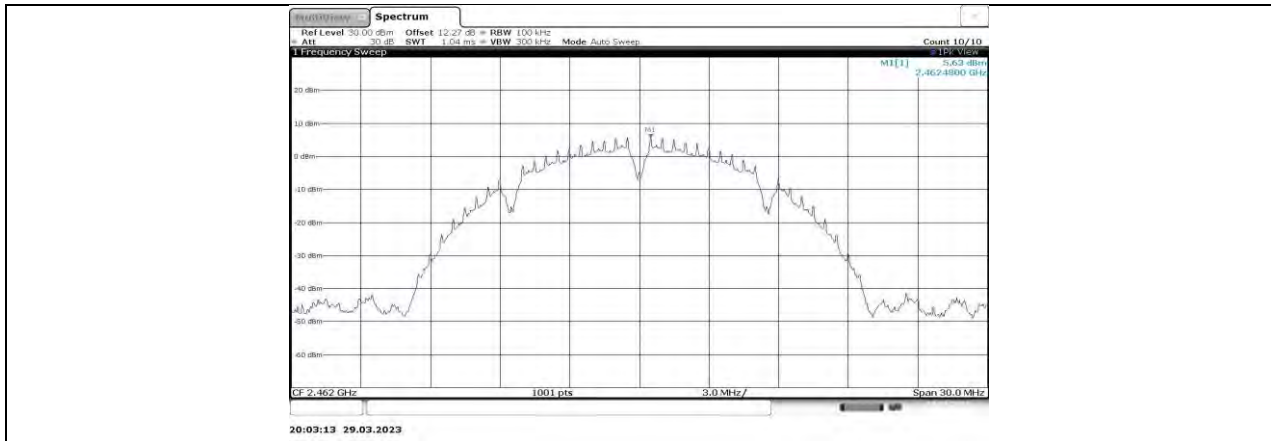
11B_Ant1_2462_0~Reference



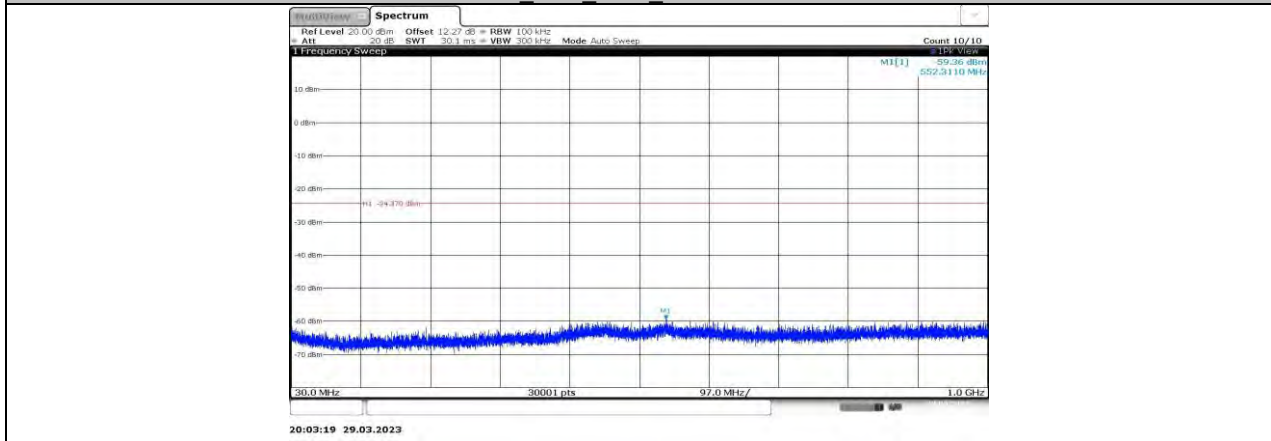
11B_Ant1_2462_30~1000



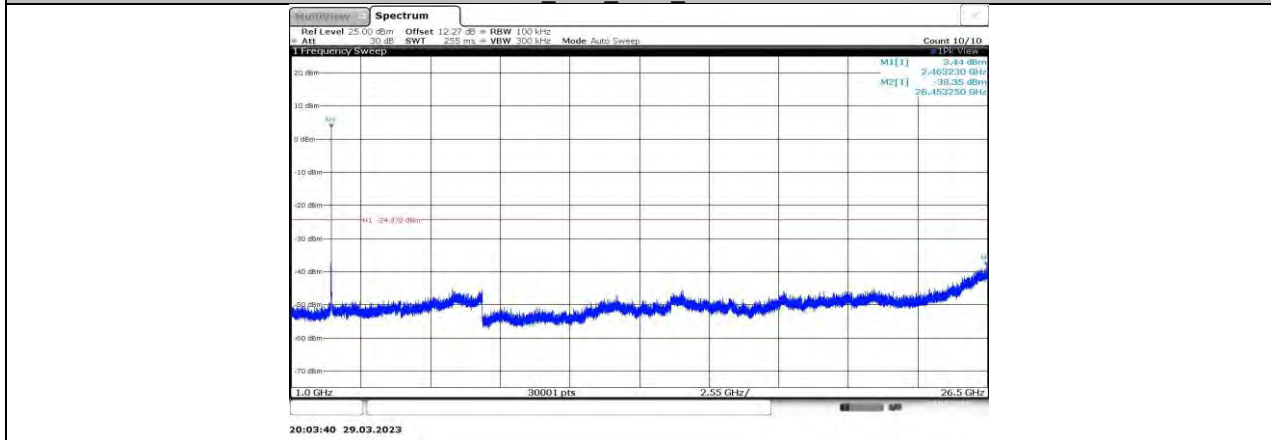
11B_Ant1_2462_1000~26500



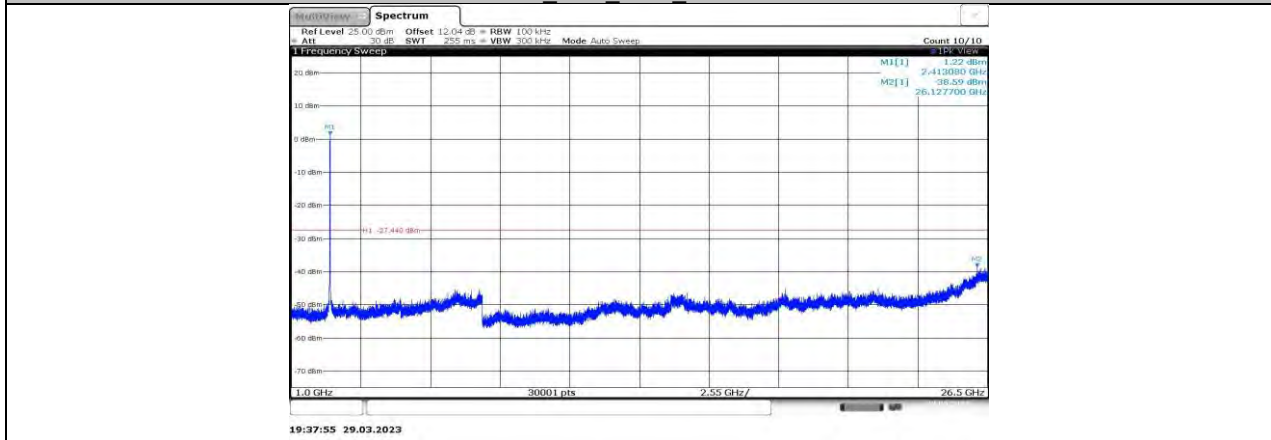
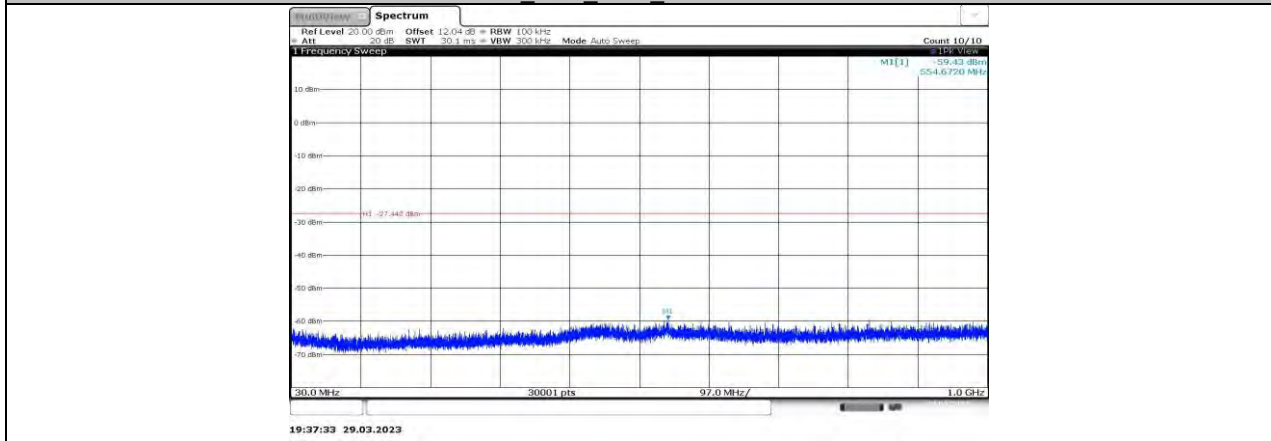
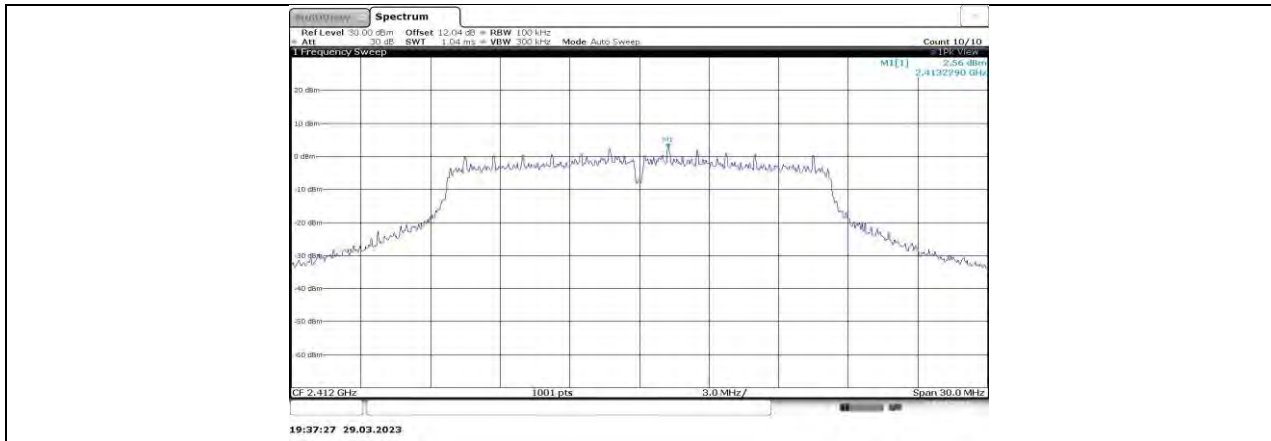
11B_Ant2_2462_0~Reference

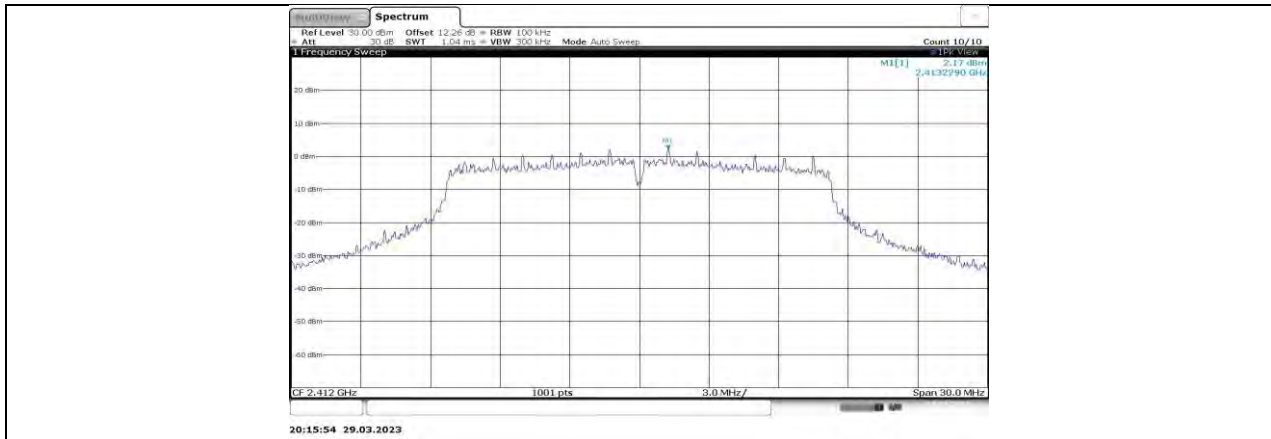


11B_Ant2_2462_30~1000

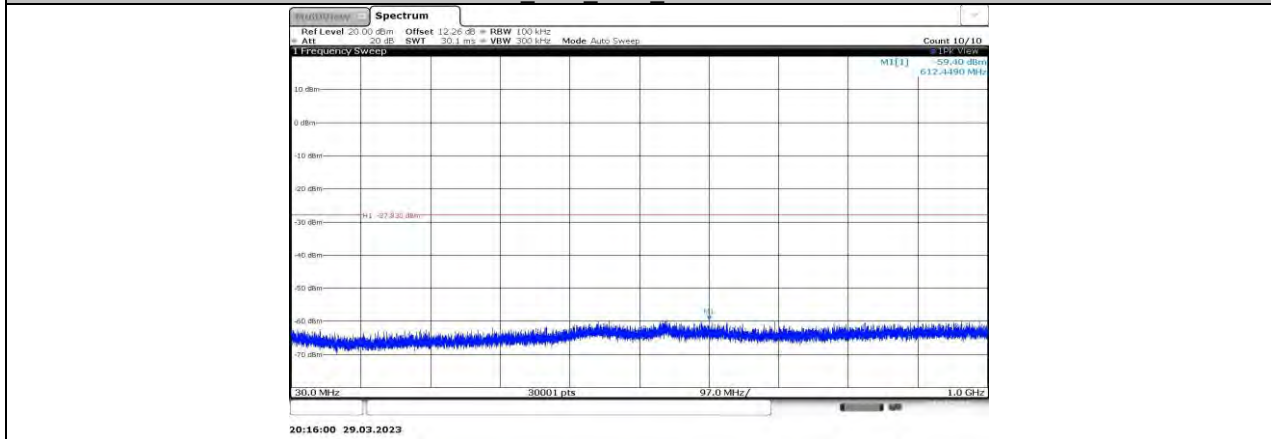


11B_Ant2_2462_1000~26500

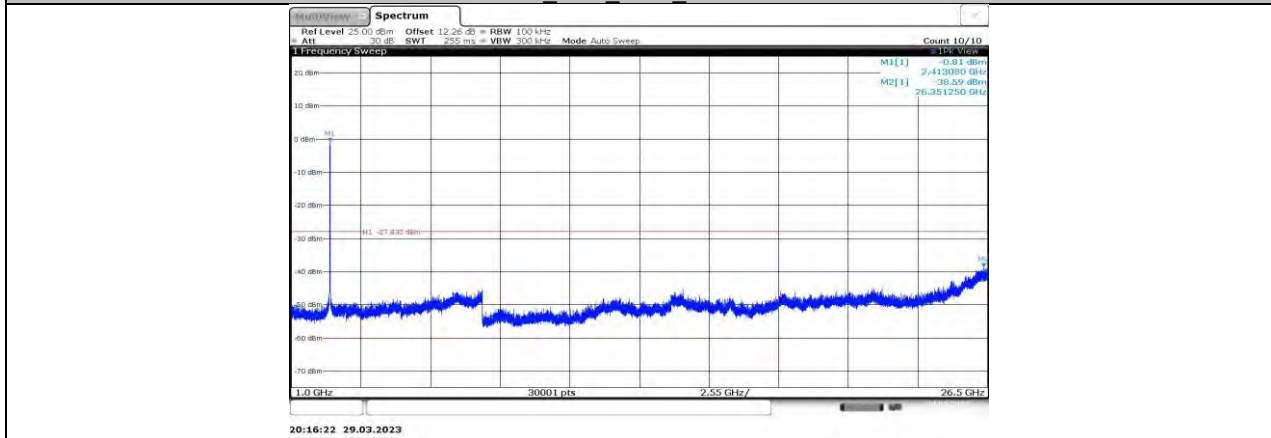




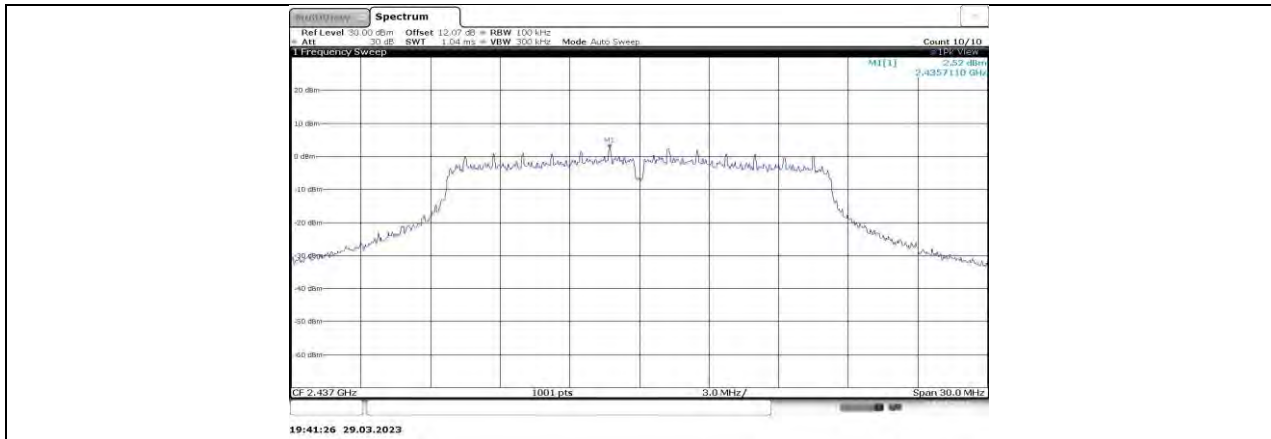
11G Ant2_2412_0~Reference



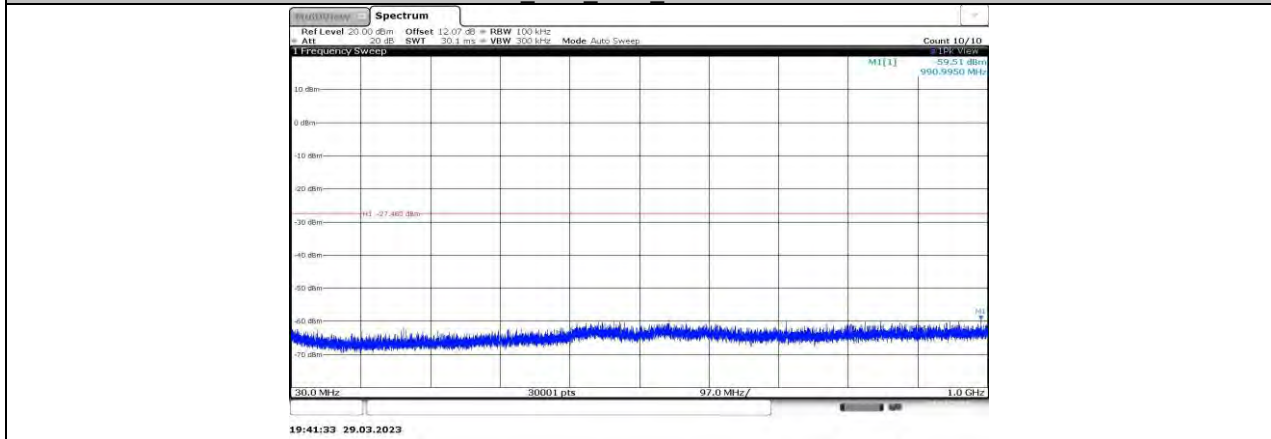
11G Ant2_2412_30~1000



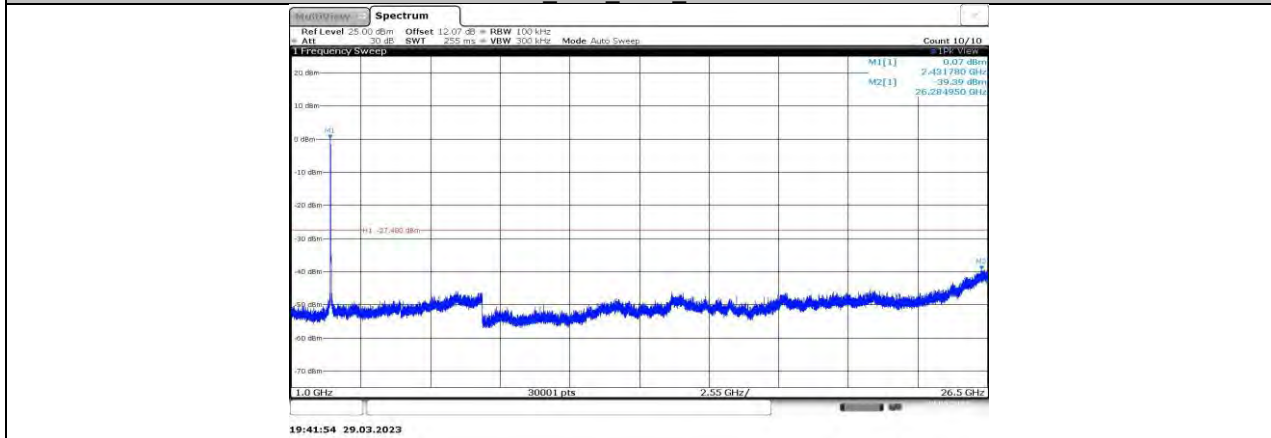
11G Ant2_2412_1000~26500



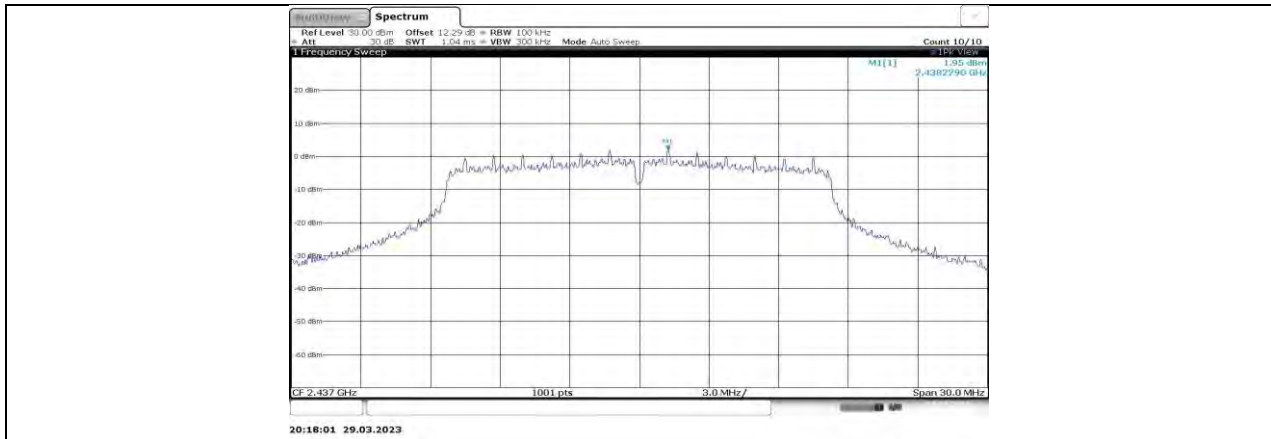
11G Ant1_2437_0~Reference



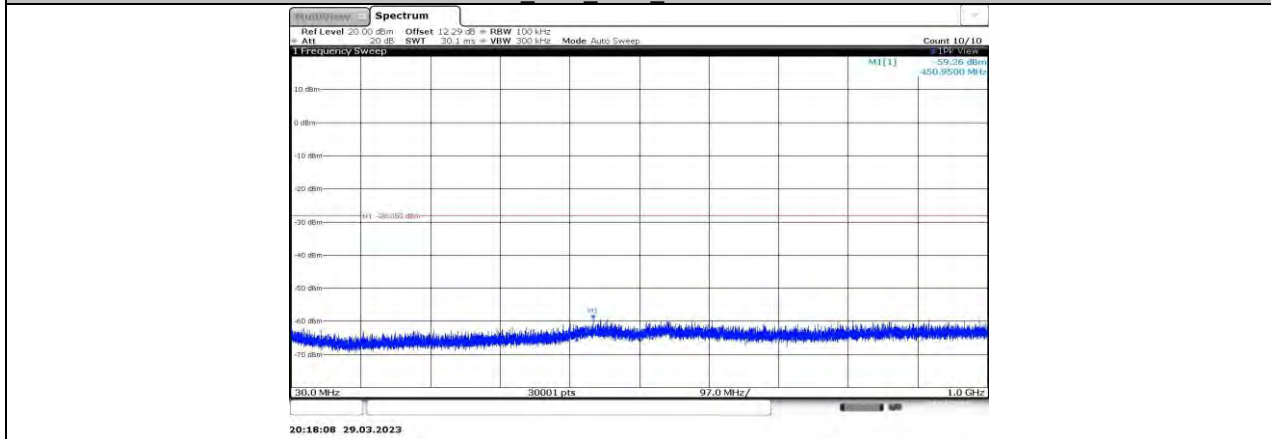
11G Ant1_2437_30~1000



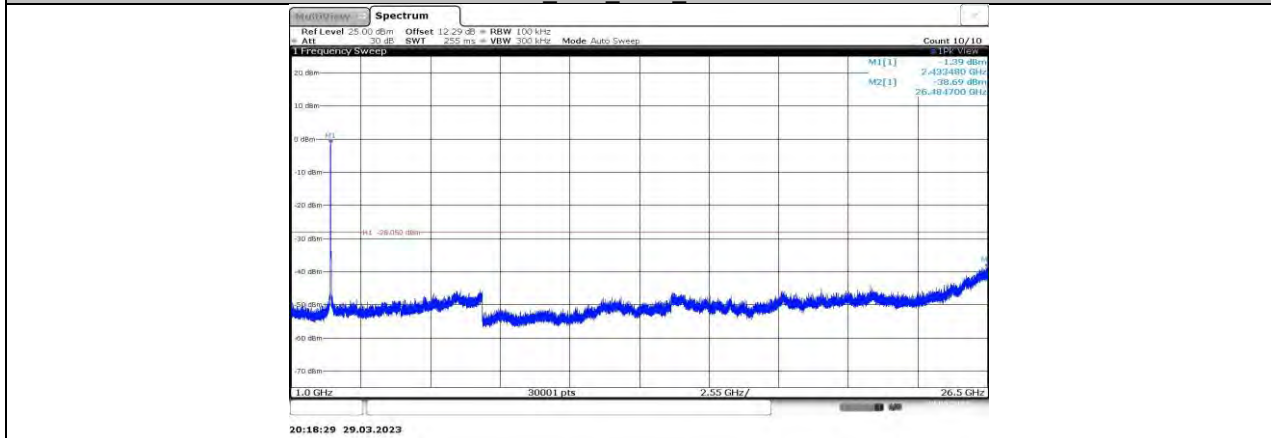
11G Ant1_2437_1000~26500



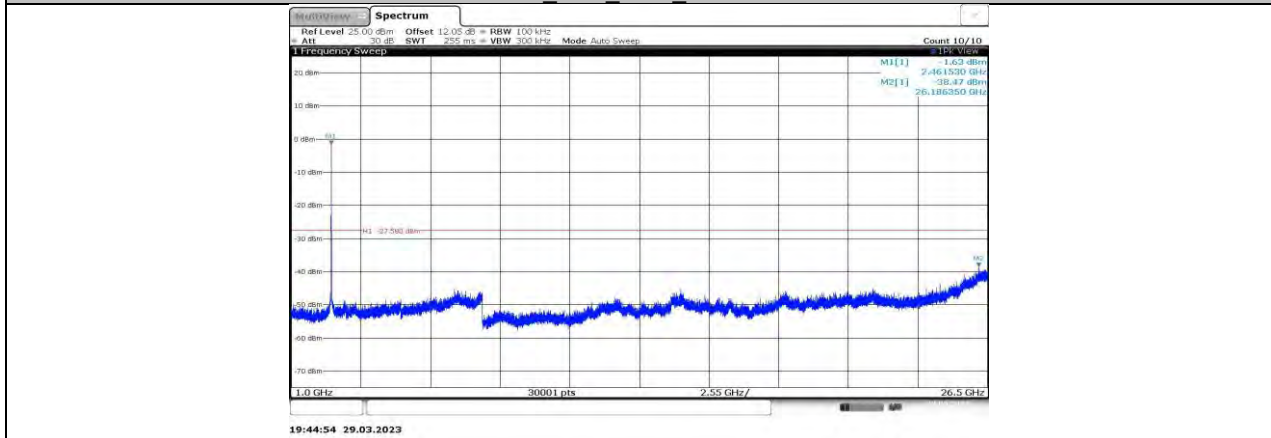
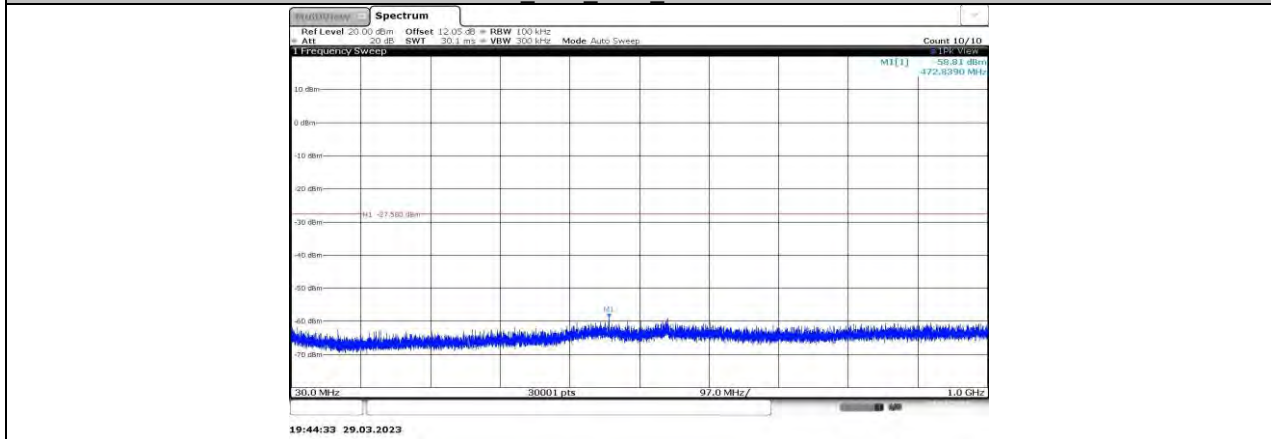
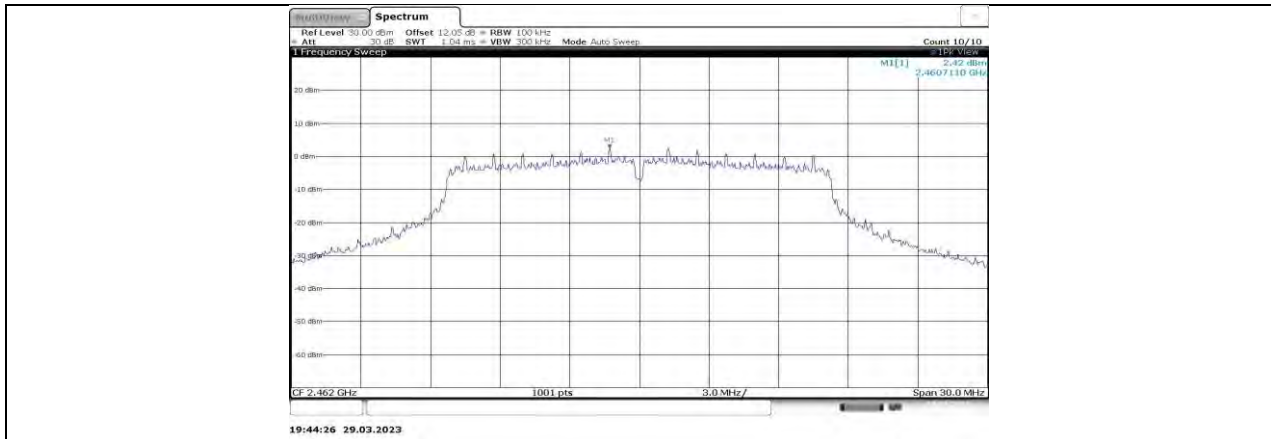
11G Ant2_2437_0~Reference

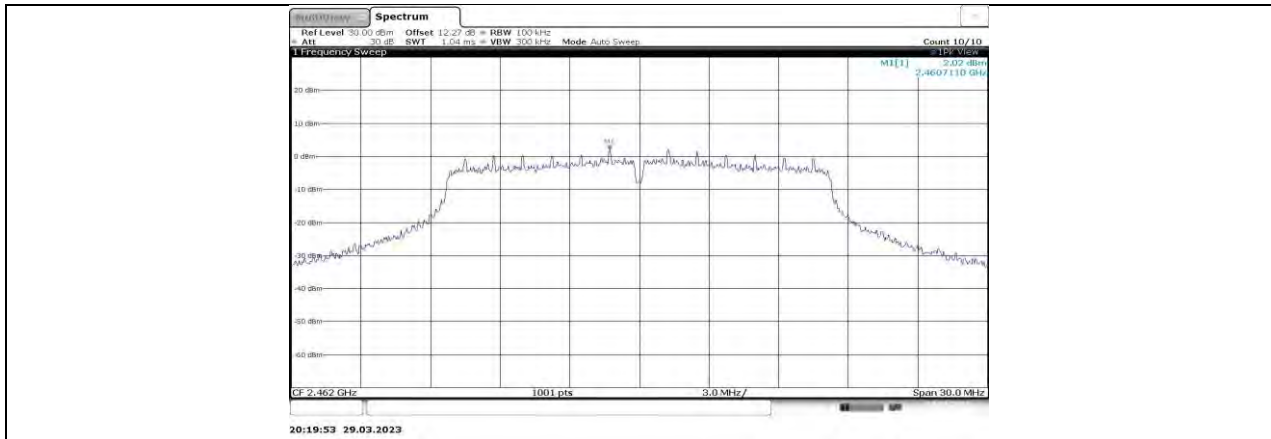


11G Ant2_2437_30~1000

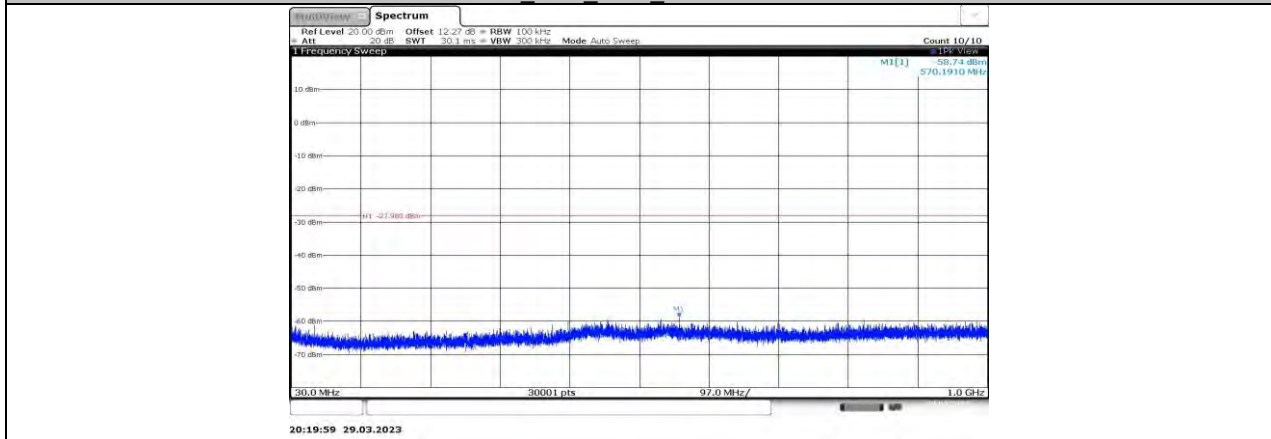


11G Ant2_2437_1000~26500

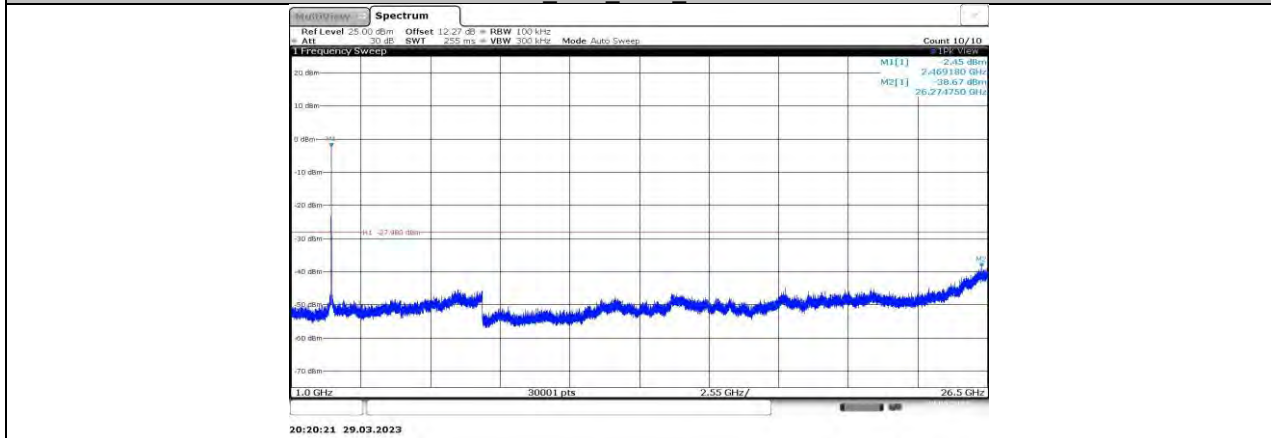




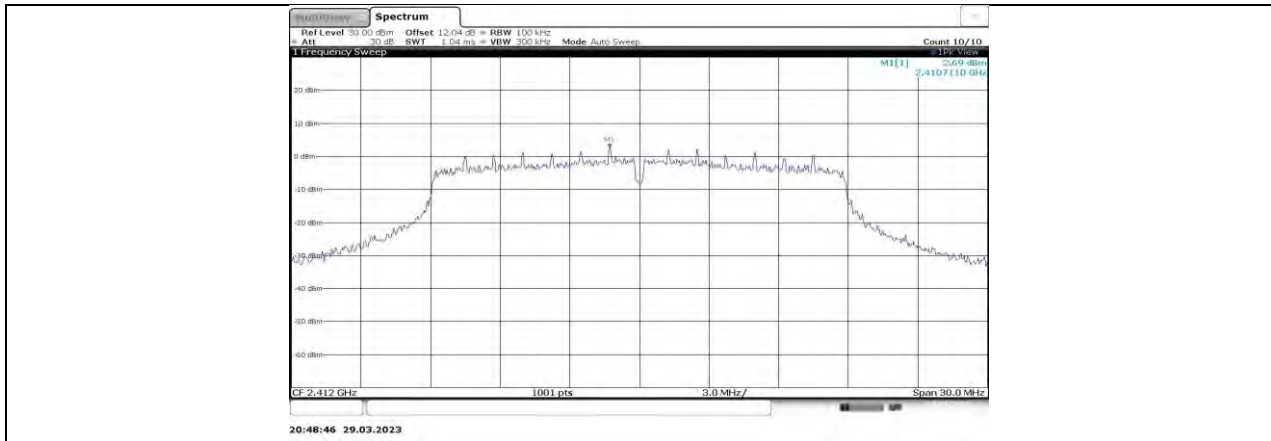
11G Ant2_2462_0~Reference



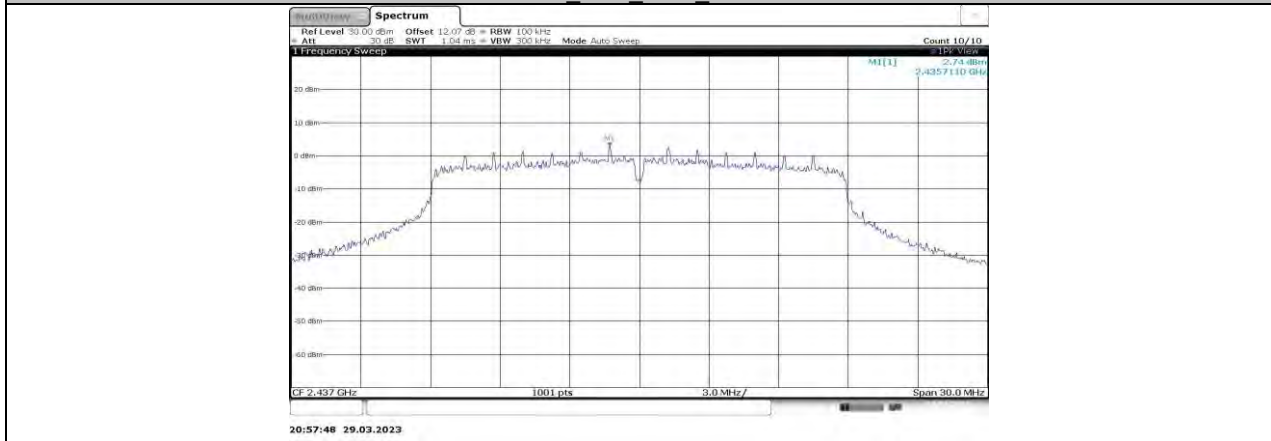
11G Ant2_2462_30~1000



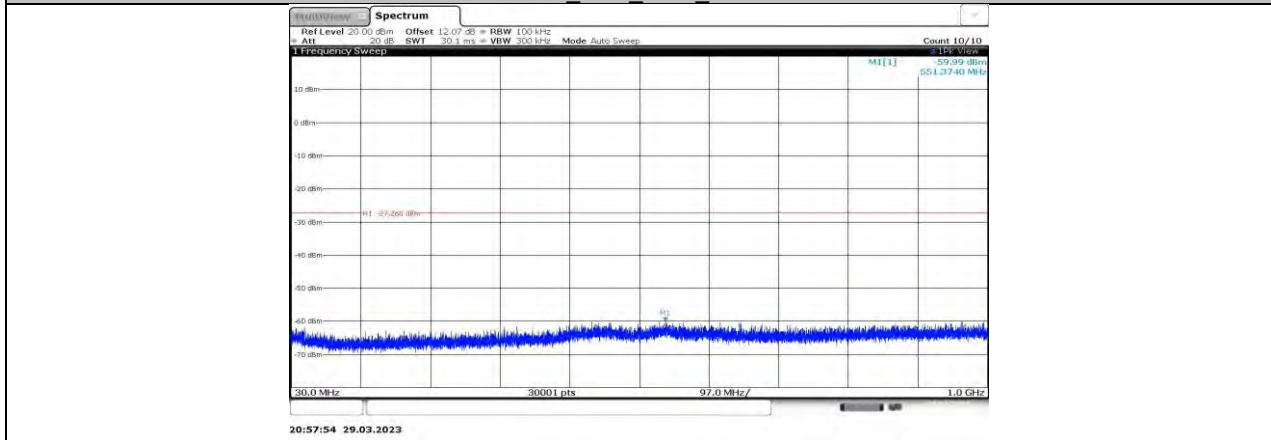
11G Ant2_2462_1000~26500



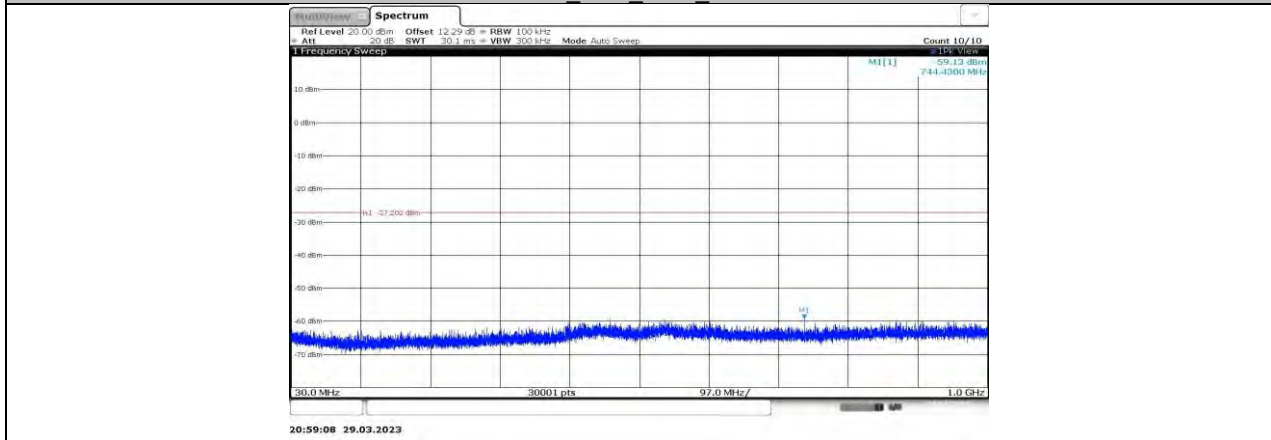
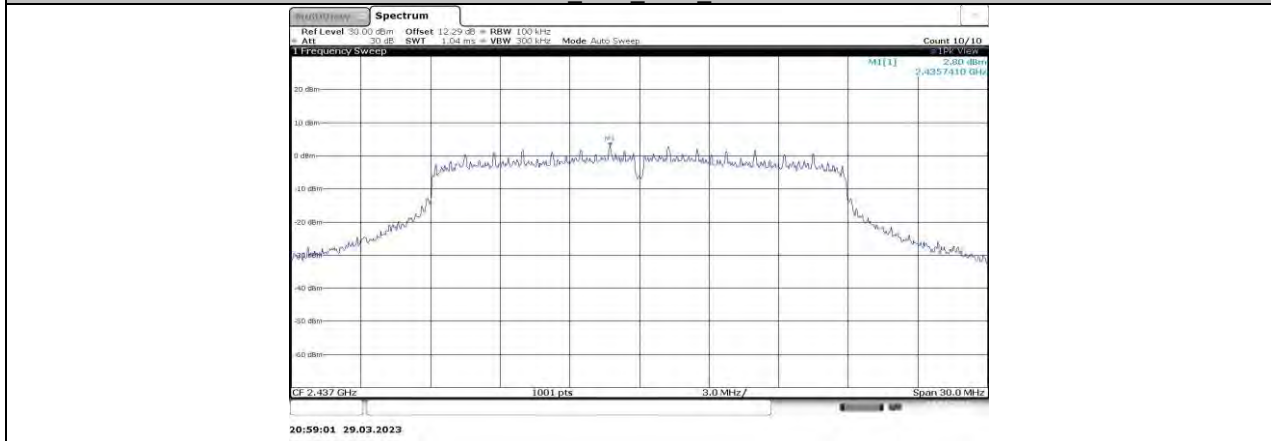
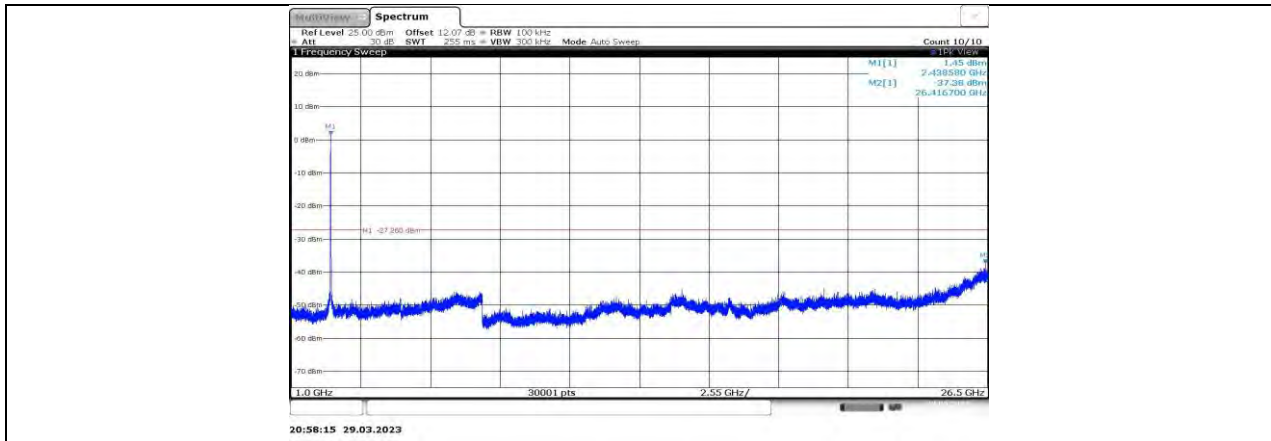
11N20MIMO_Ant1_2412_0~Reference

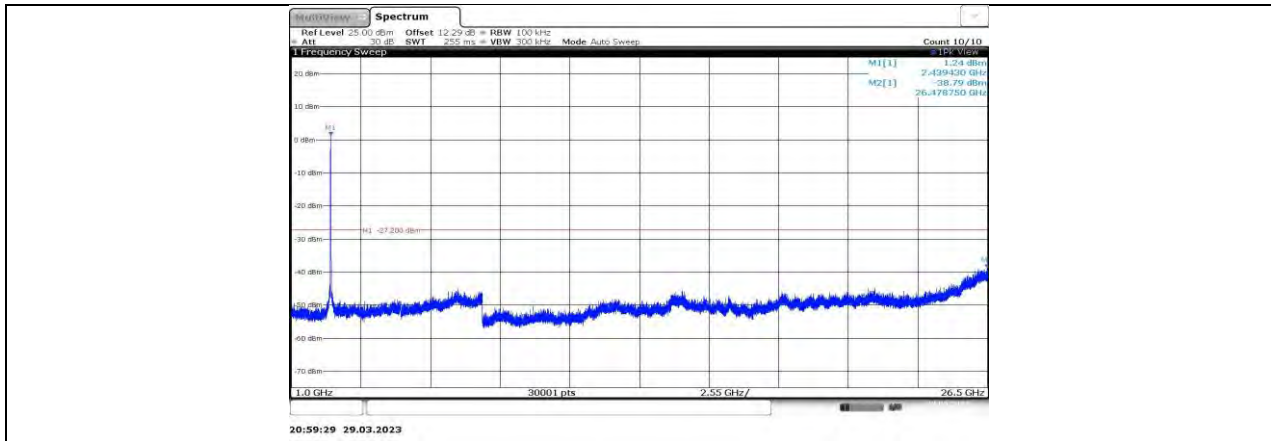


11N20MIMO_Ant1_2437_0~Reference

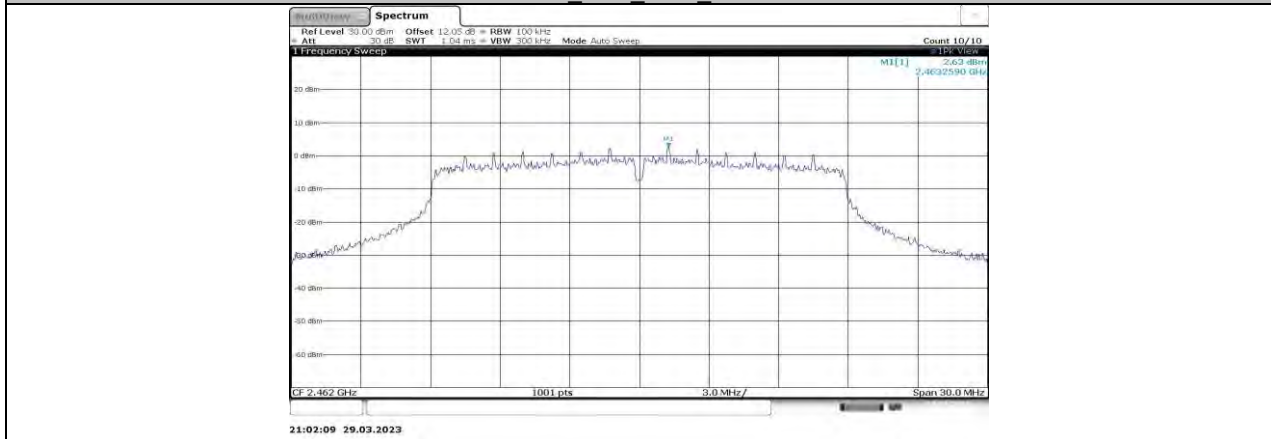


11N20MIMO_Ant1_2437_30~1000

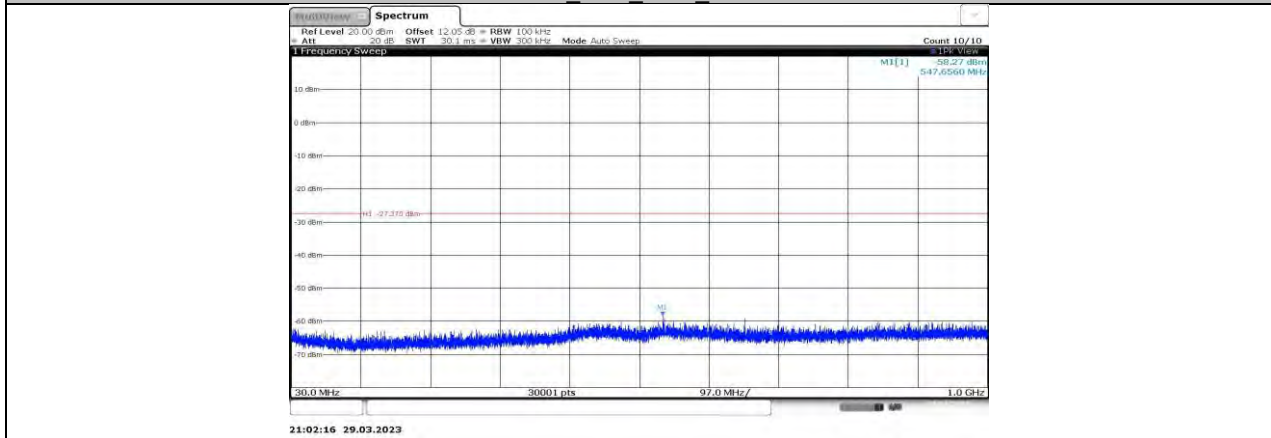




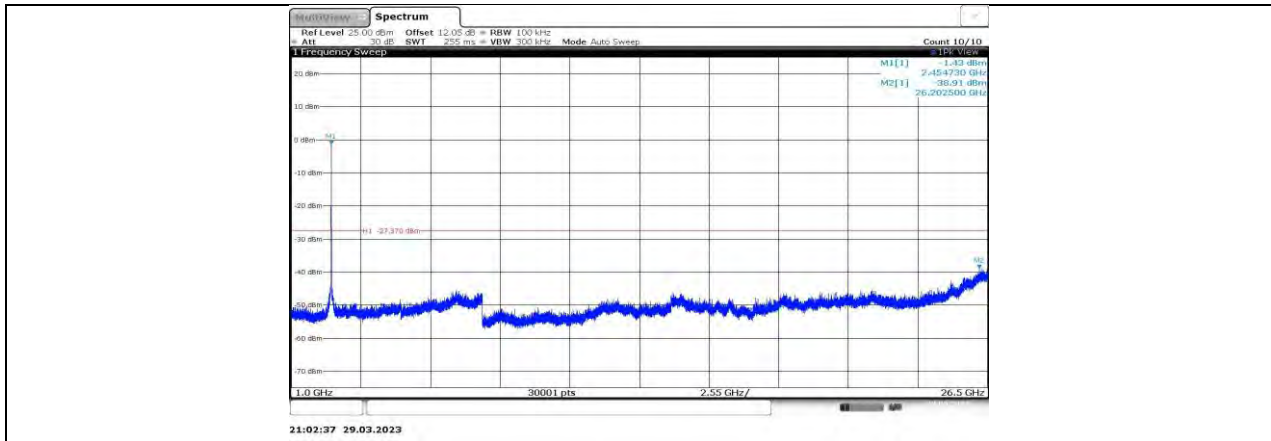
11N20MIMO_Ant2_2437_1000~26500



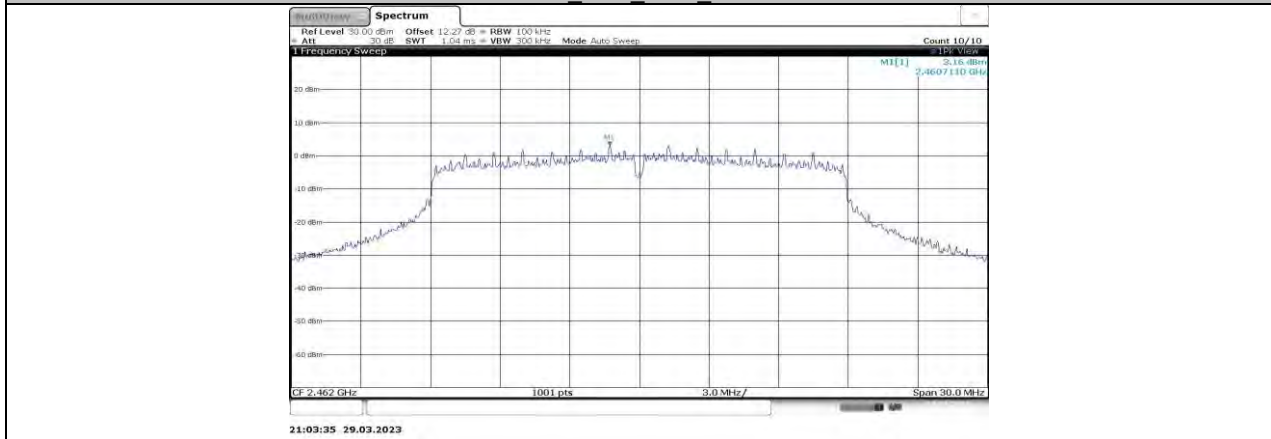
11N20MIMO_Ant1_2462_0~Reference



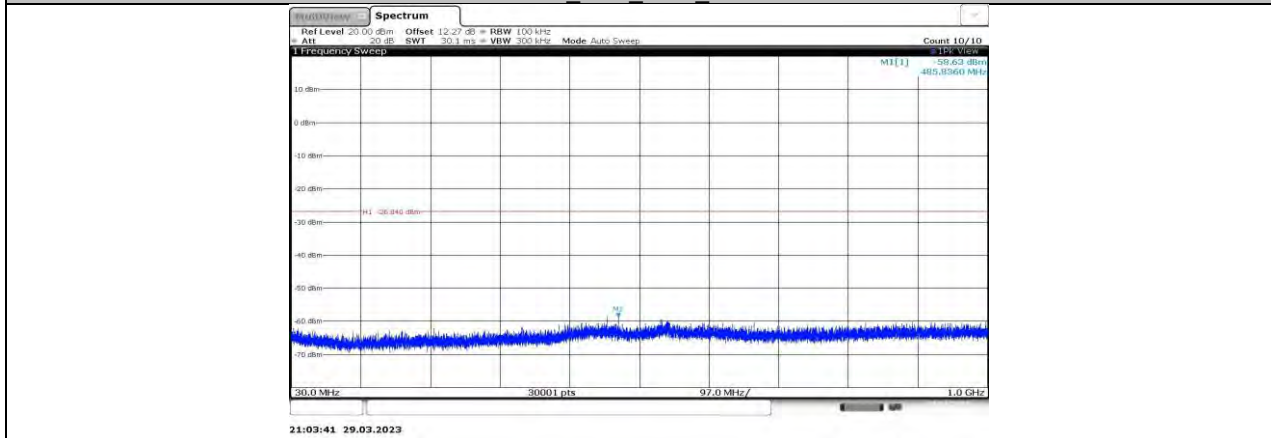
11N20MIMO_Ant1_2462_30~1000



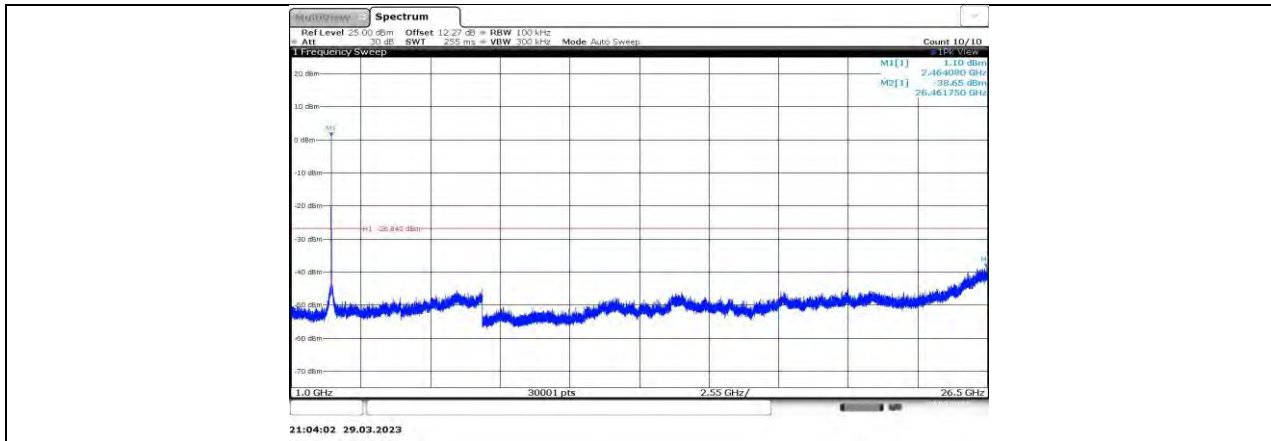
11N20MIMO_Ant1_2462_1000~26500



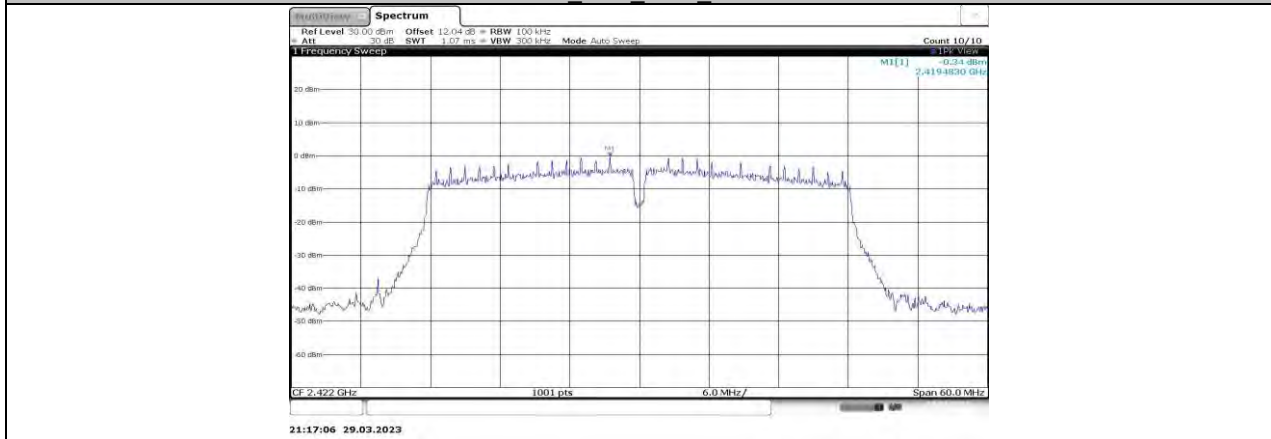
11N20MIMO_Ant2_2462_0~Reference



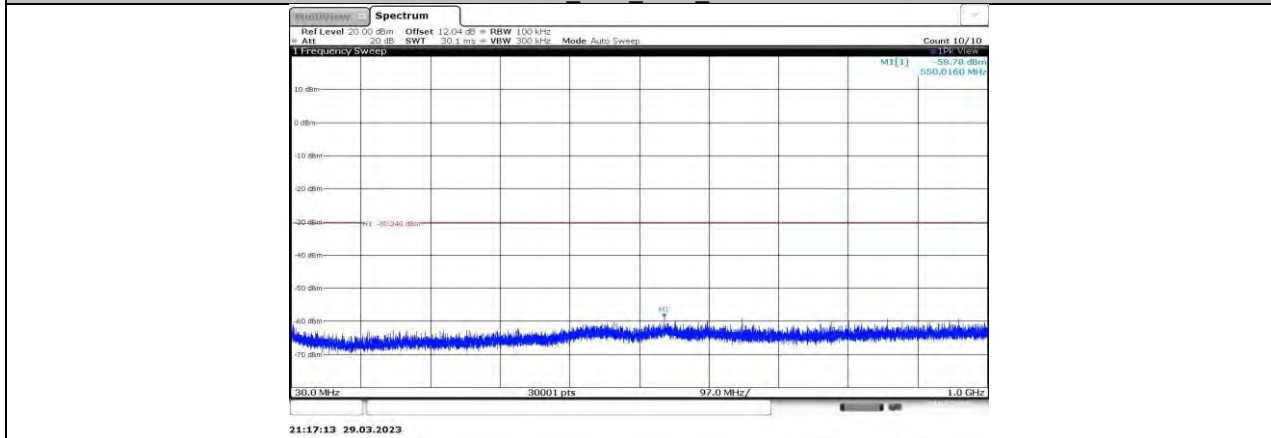
11N20MIMO_Ant2_2462_30~1000



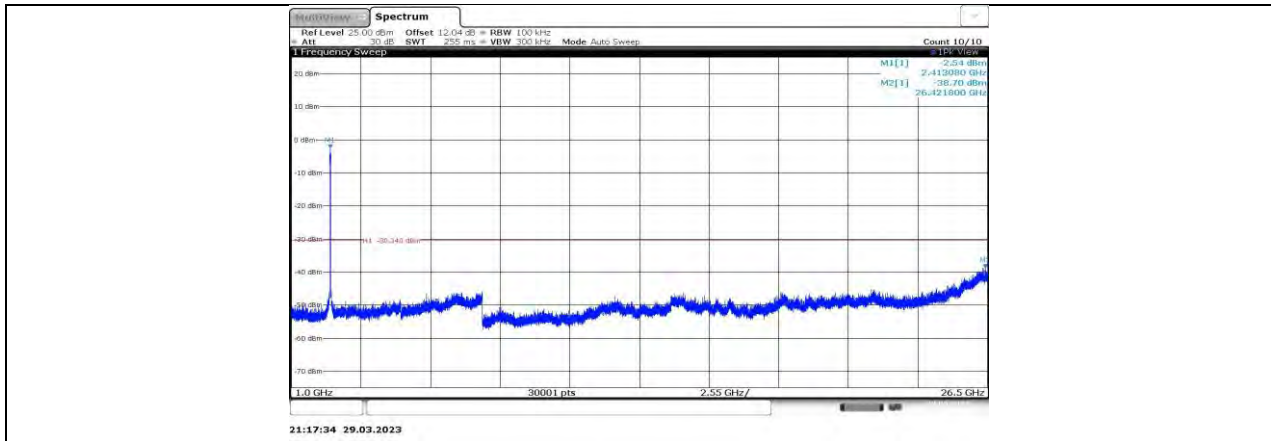
11N20MIMO_Ant2_2462_1000~26500



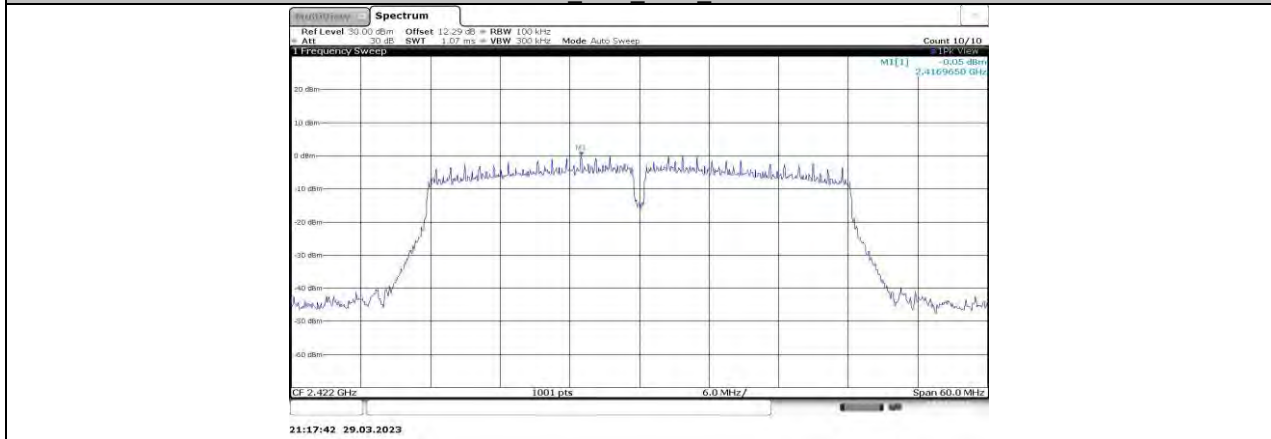
11N40MIMO_Ant1_2422_0~Reference



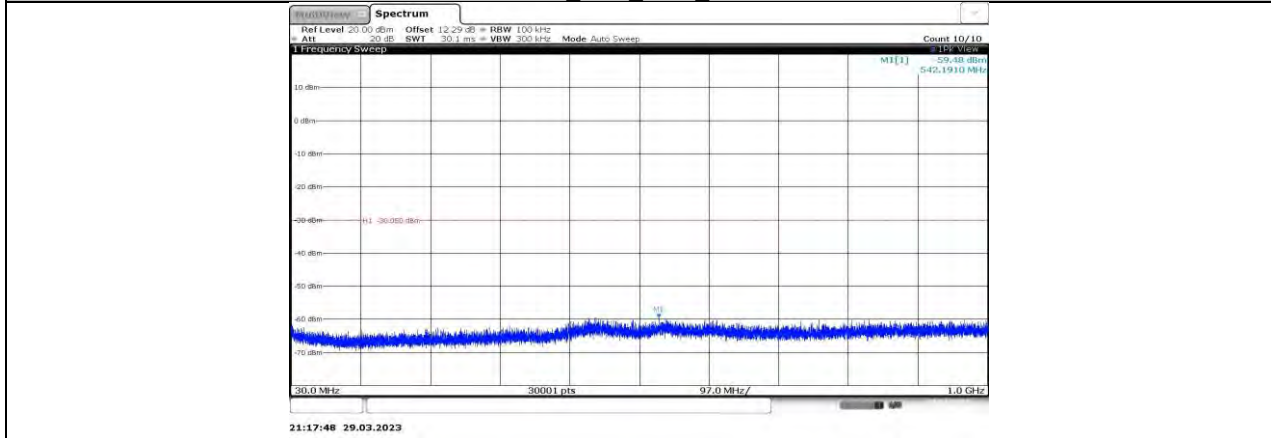
11N40MIMO_Ant1_2422_30~1000



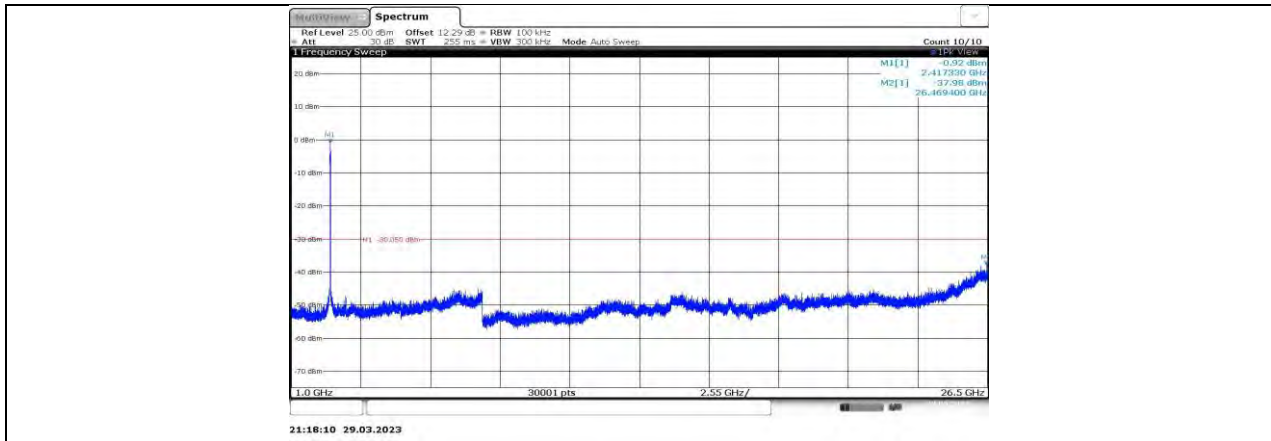
11N40MIMO Ant1_2422_1000~26500



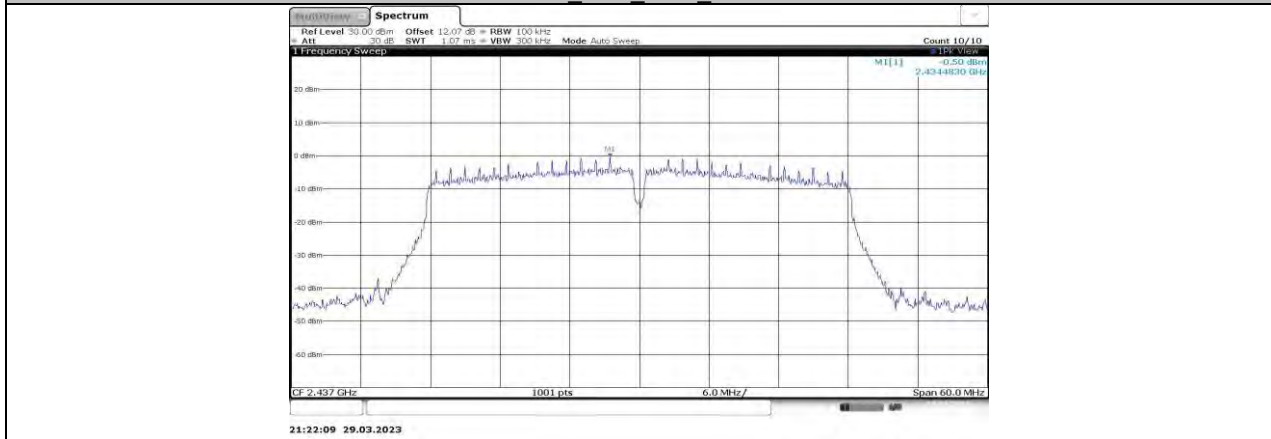
11N40MIMO Ant2_2422_0~Reference



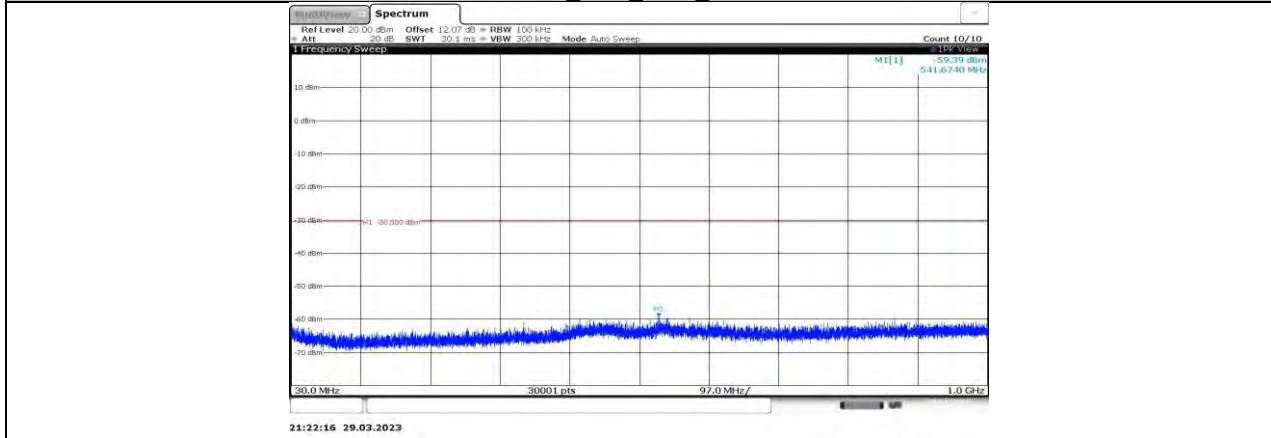
11N40MIMO Ant2_2422_30~1000



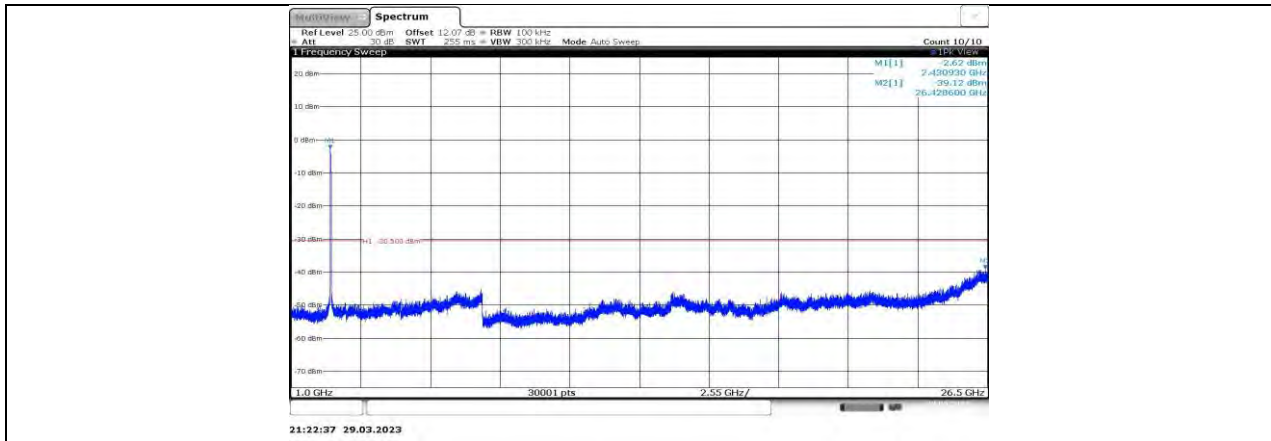
11N40MIMO_Ant2_2422_1000~26500



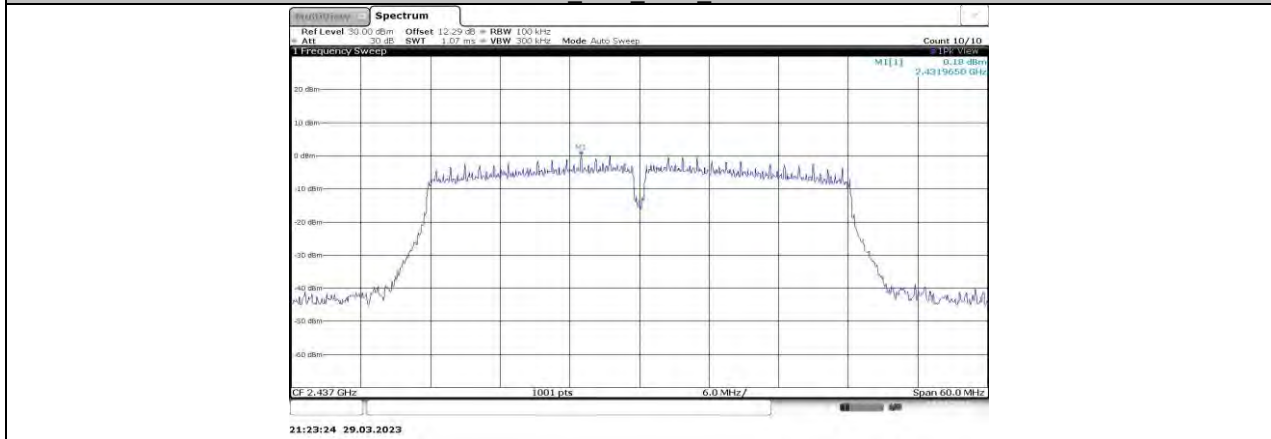
11N40MIMO_Ant1_2437_0~Reference



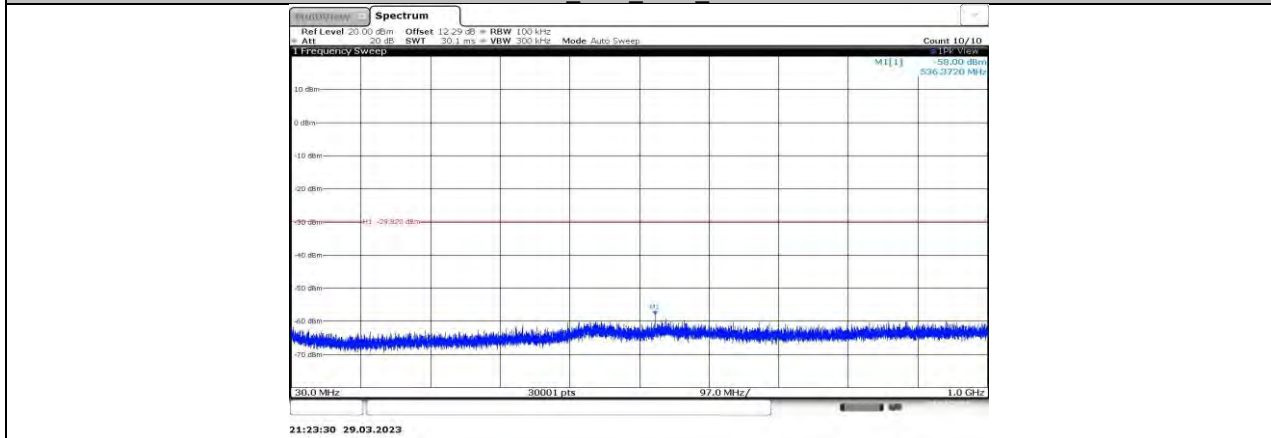
11N40MIMO_Ant1_2437_30~1000



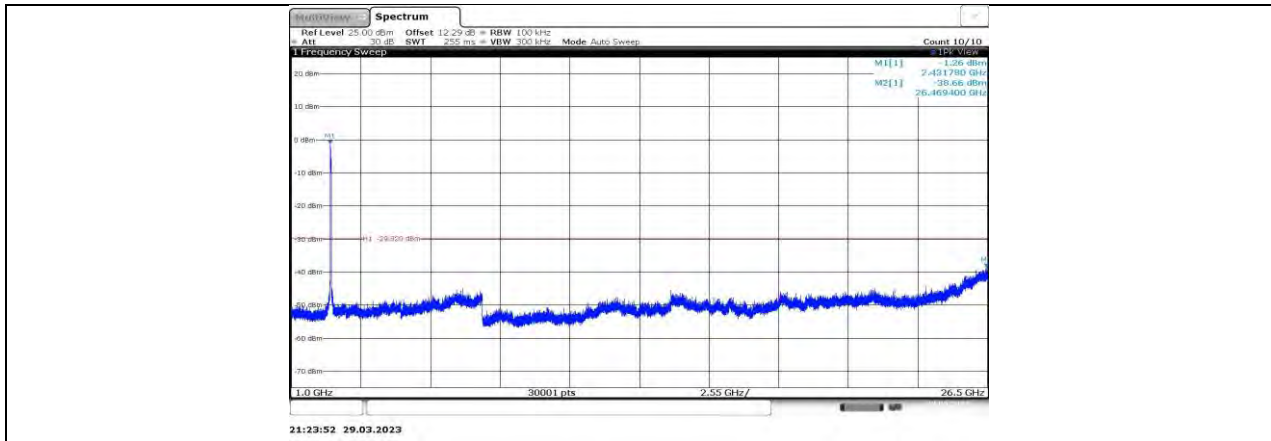
11N40MIMO Ant1_2437_1000~26500



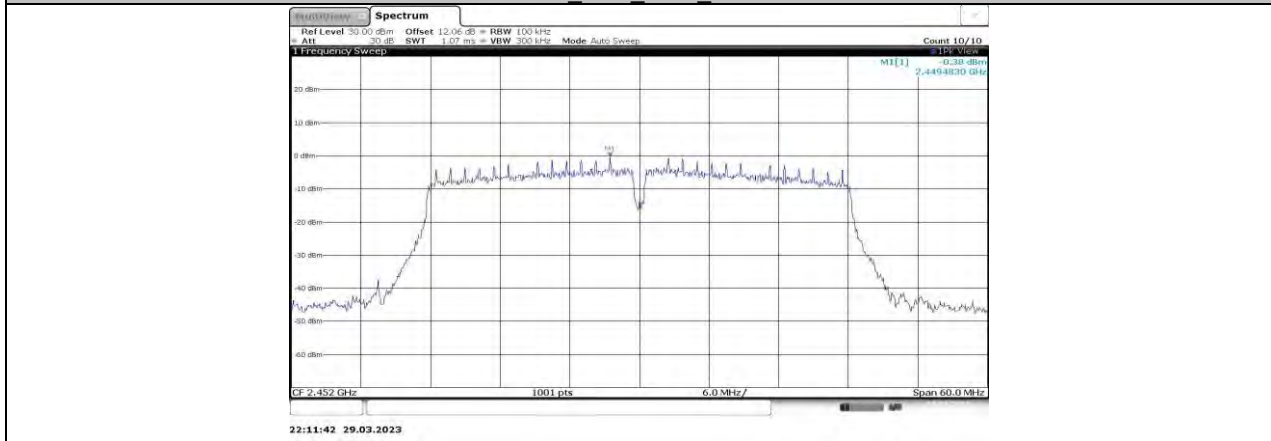
11N40MIMO Ant2_2437_0~Reference



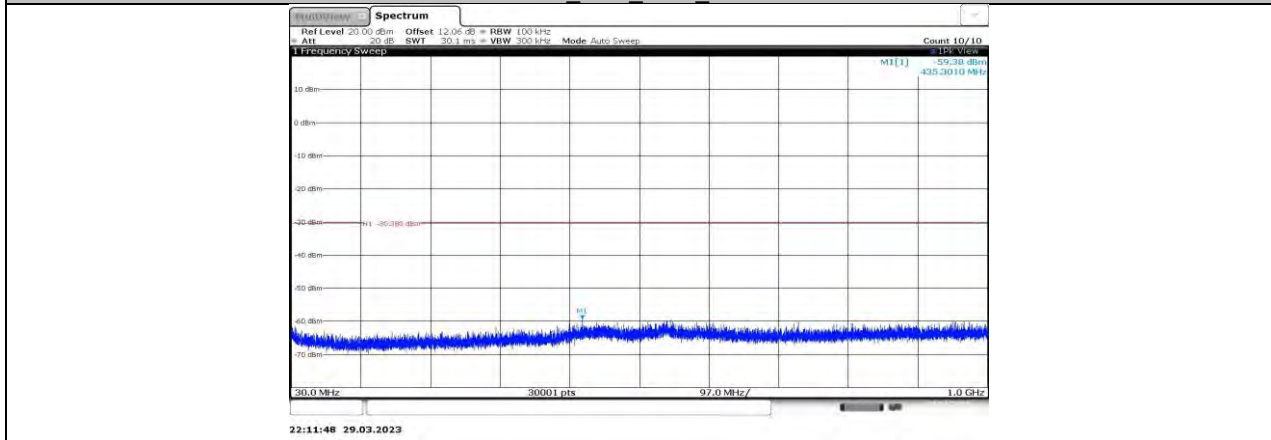
11N40MIMO Ant2_2437_30~1000



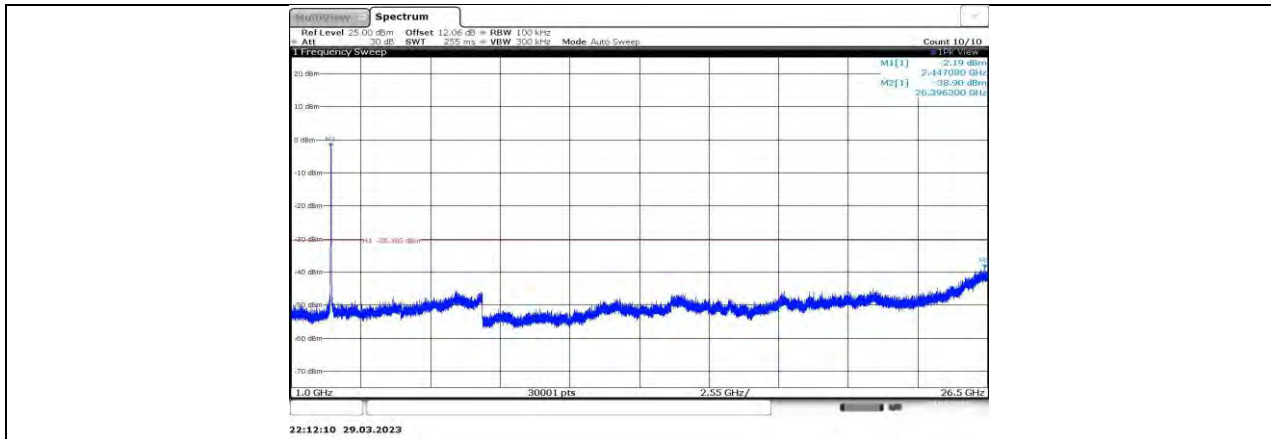
11N40MIMO_Ant2_2437_1000~26500



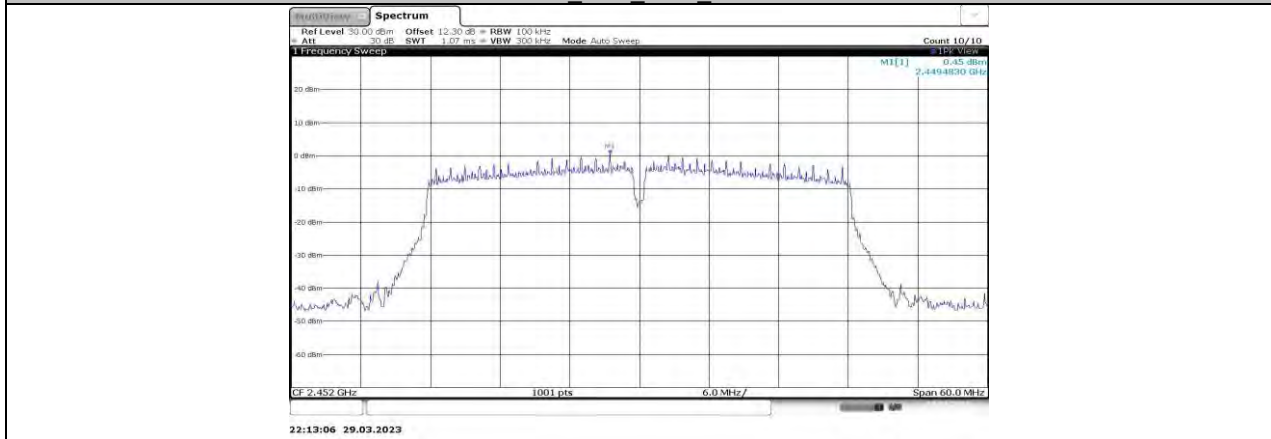
11N40MIMO_Ant1_2452_0~Reference



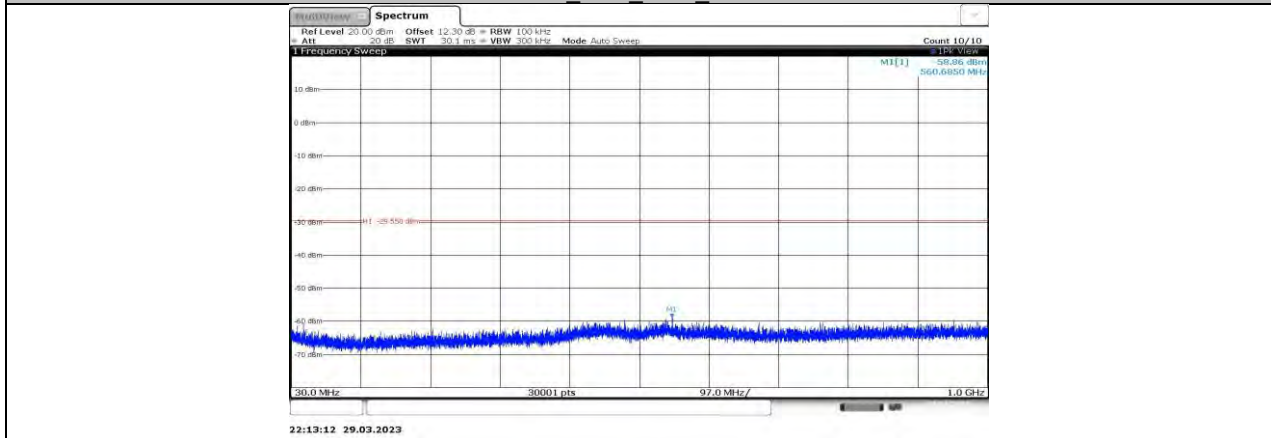
11N40MIMO_Ant1_2452_30~1000



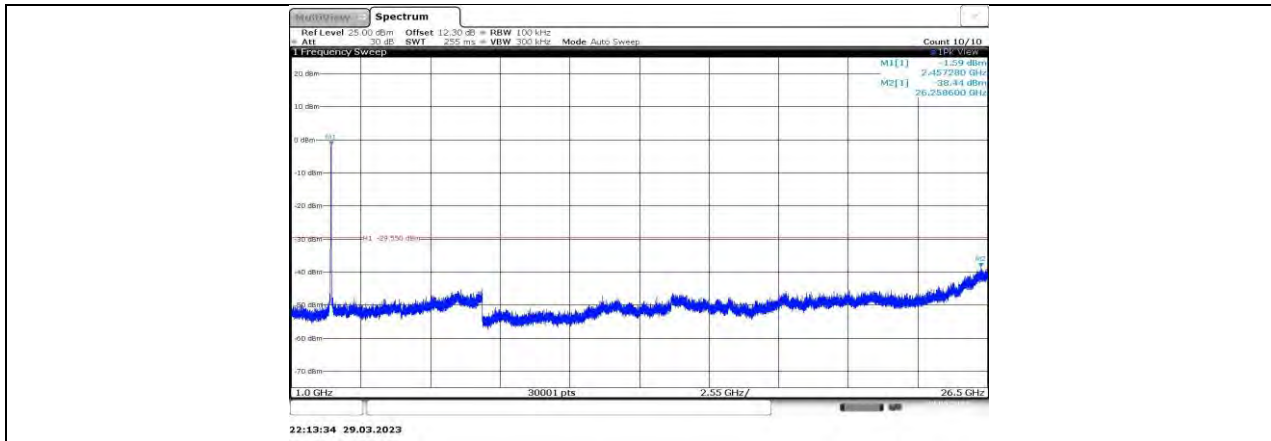
11N40MIMO Ant1_2452_1000~26500



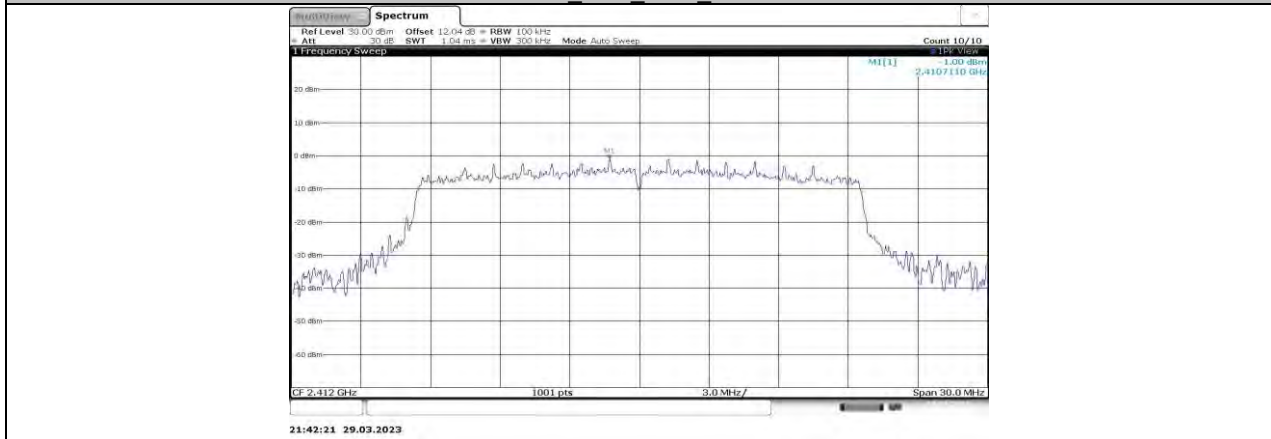
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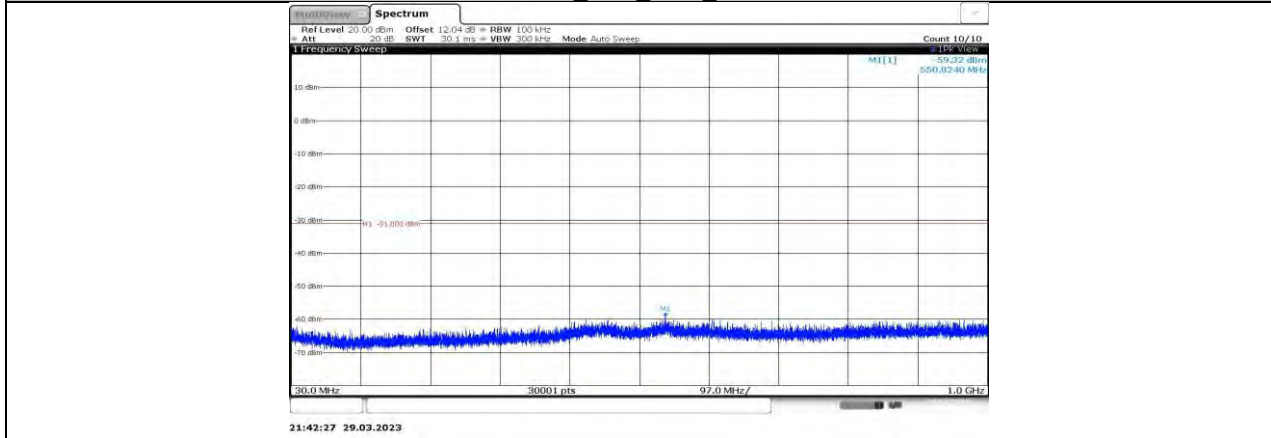
11N40MIMO Ant2_2452_30~1000



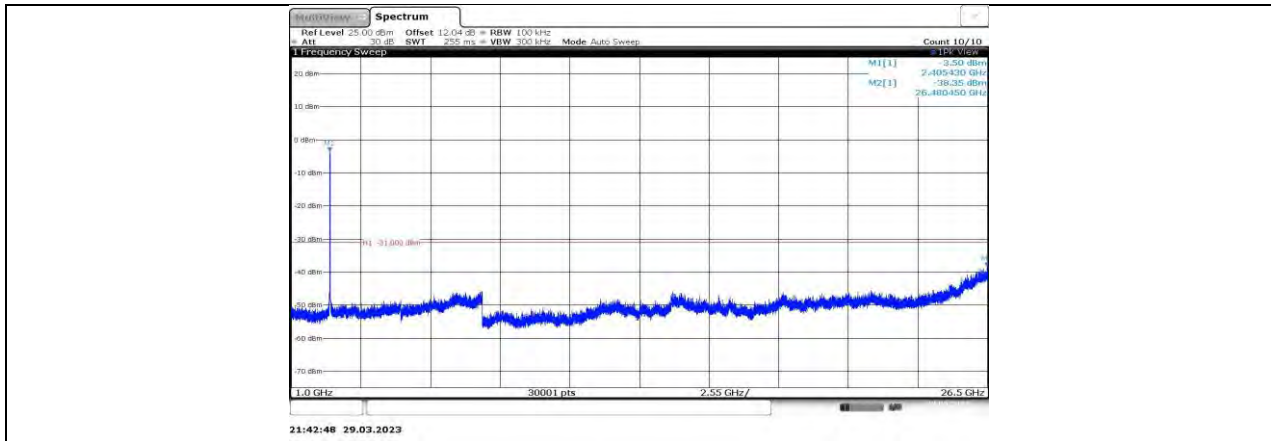
11N40MIMO Ant2 2452 1000~26500



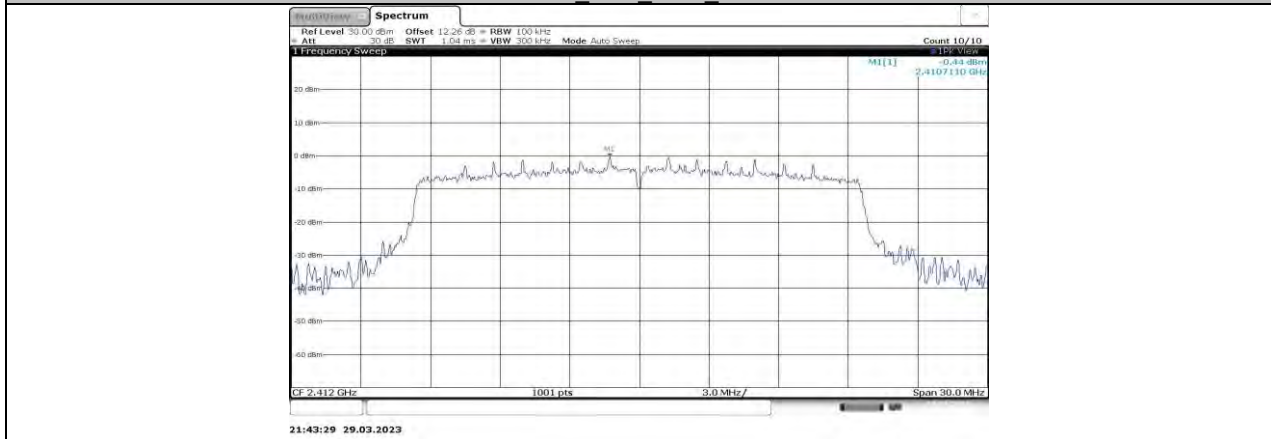
11AX20MIMO Ant1 2412 0~Reference



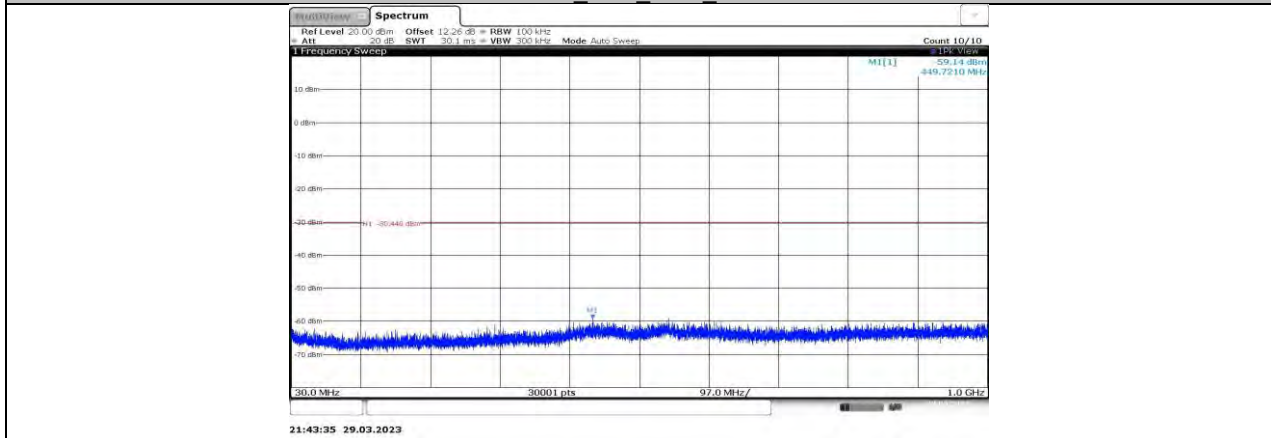
11AX20MIMO Ant1 2412 30~1000



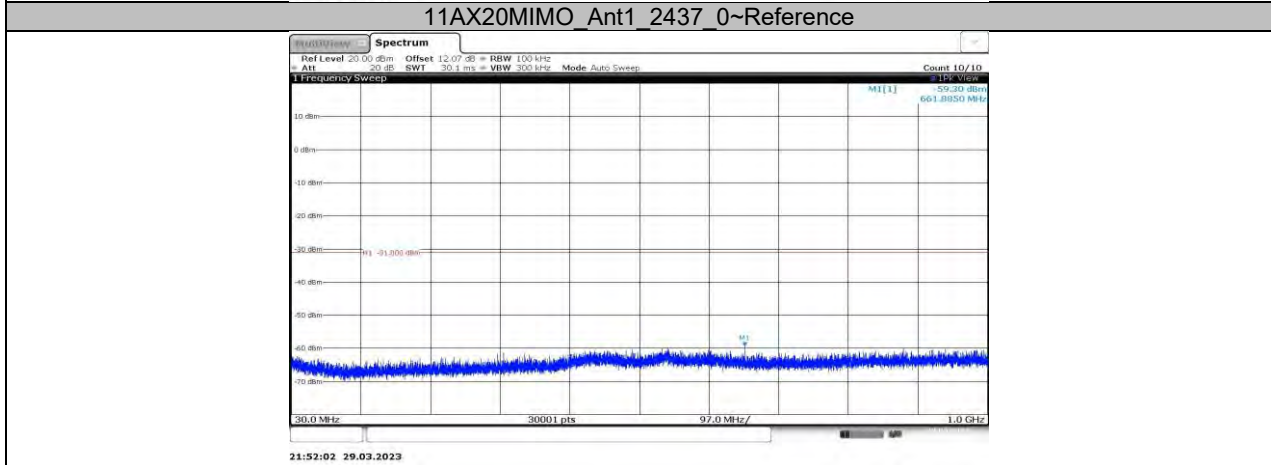
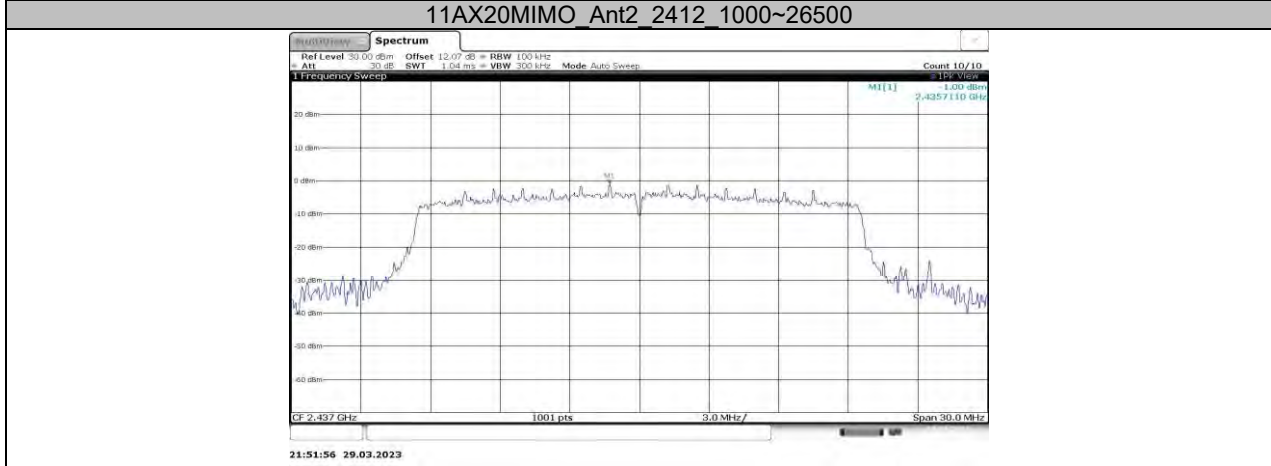
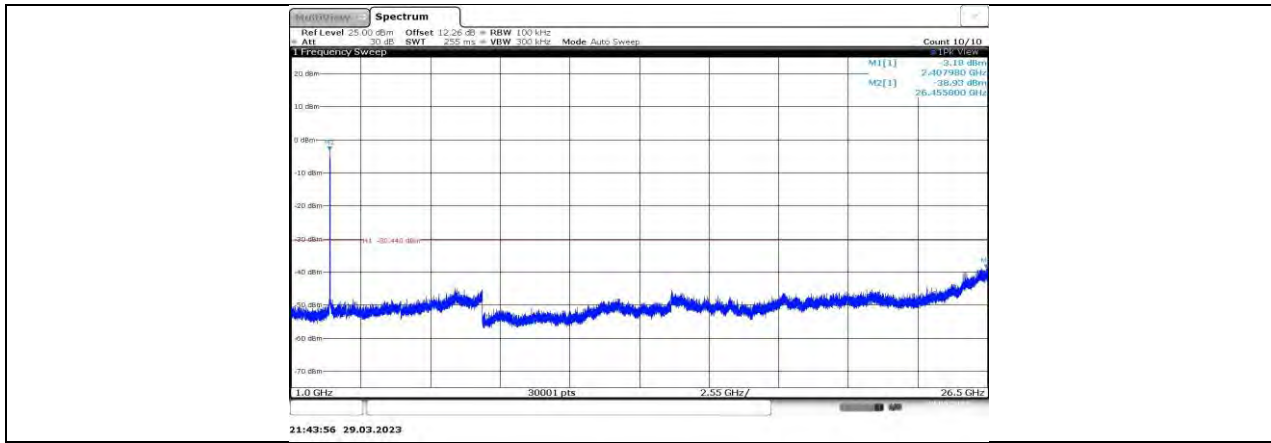
11AX20MIMO_Ant1_2412_1000~26500

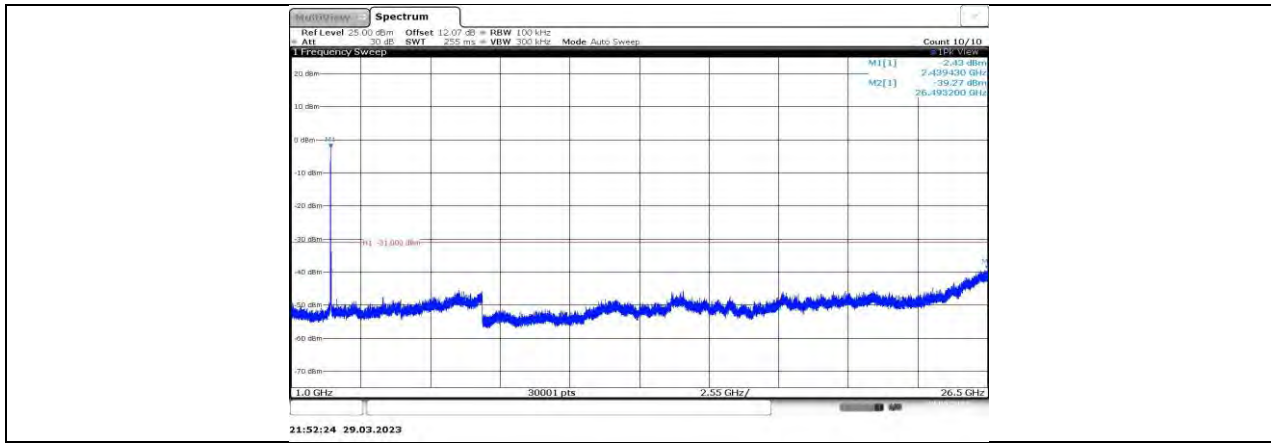


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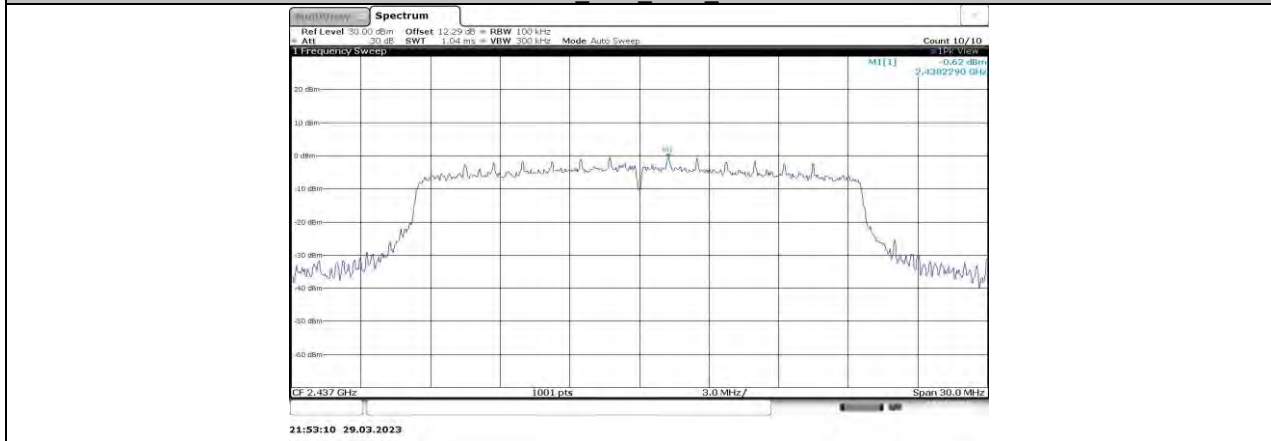


11AX20MIMO_Ant2_2412_30~1000

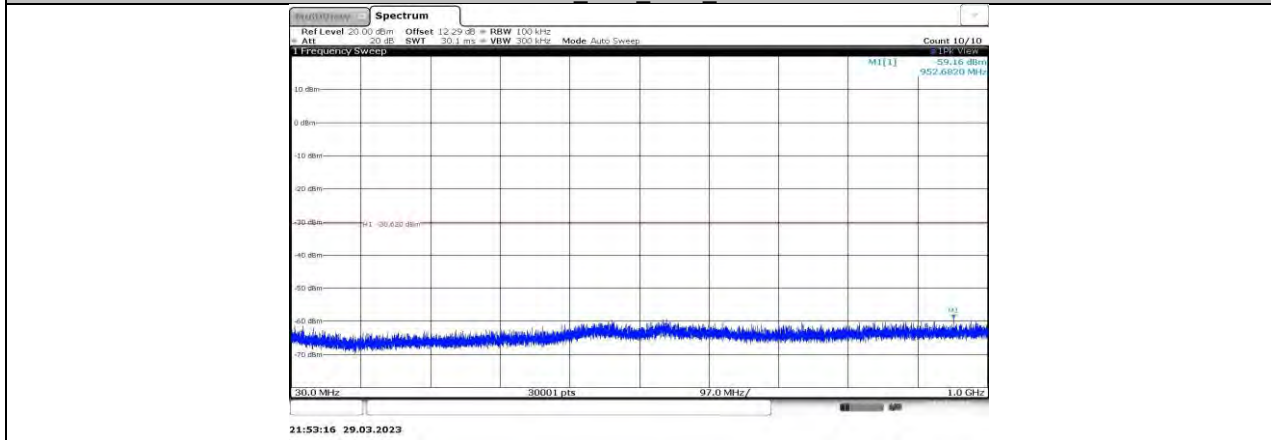




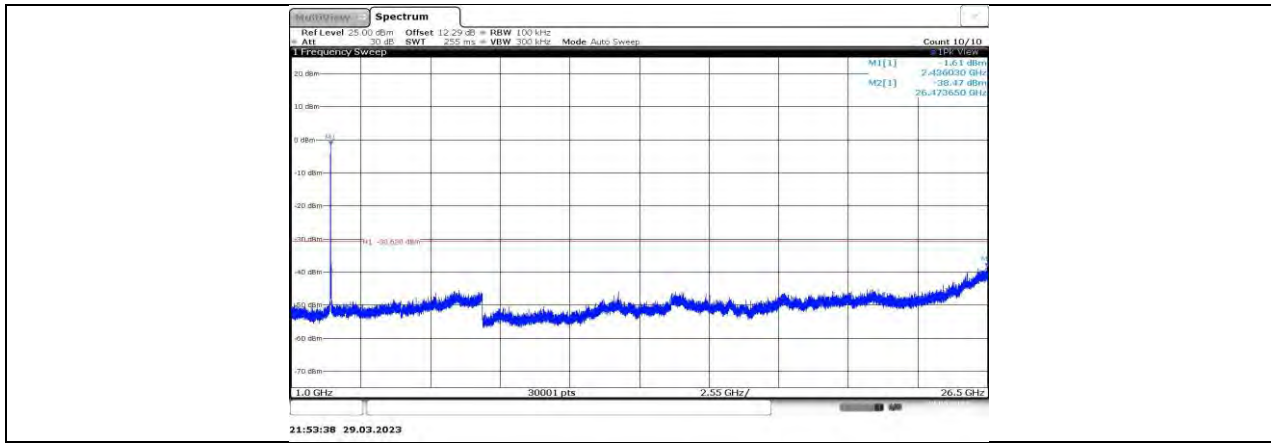
11AX20MIMO_Ant1_2437_1000~26500



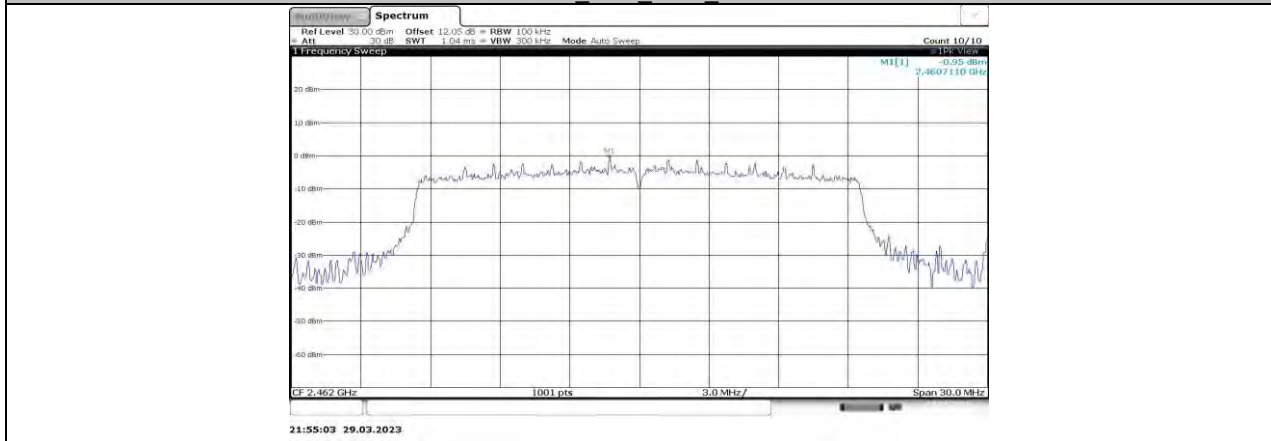
11AX20MIMO_Ant2_2437_0~Reference



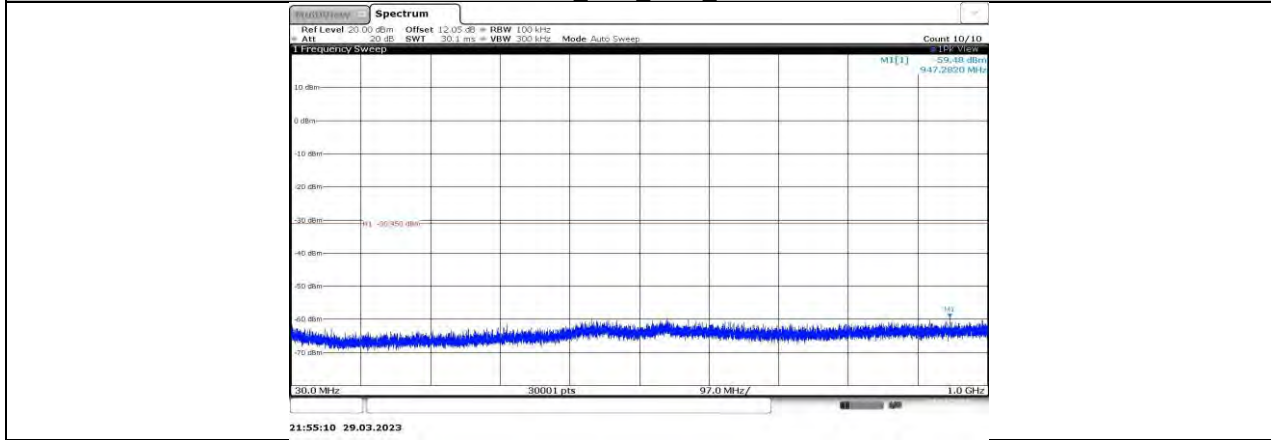
11AX20MIMO_Ant2_2437_30~1000



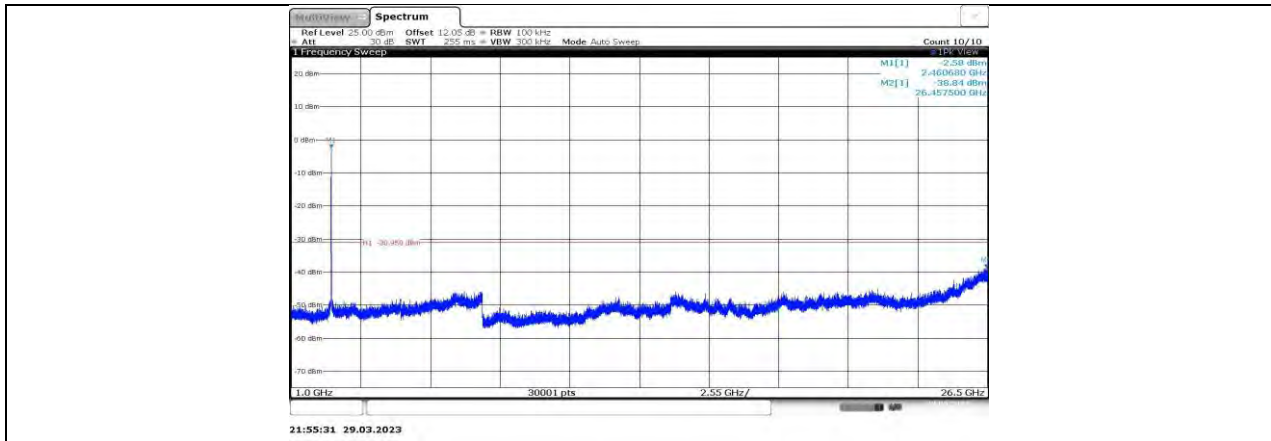
11AX20MIMO_Ant2_2437_1000~26500



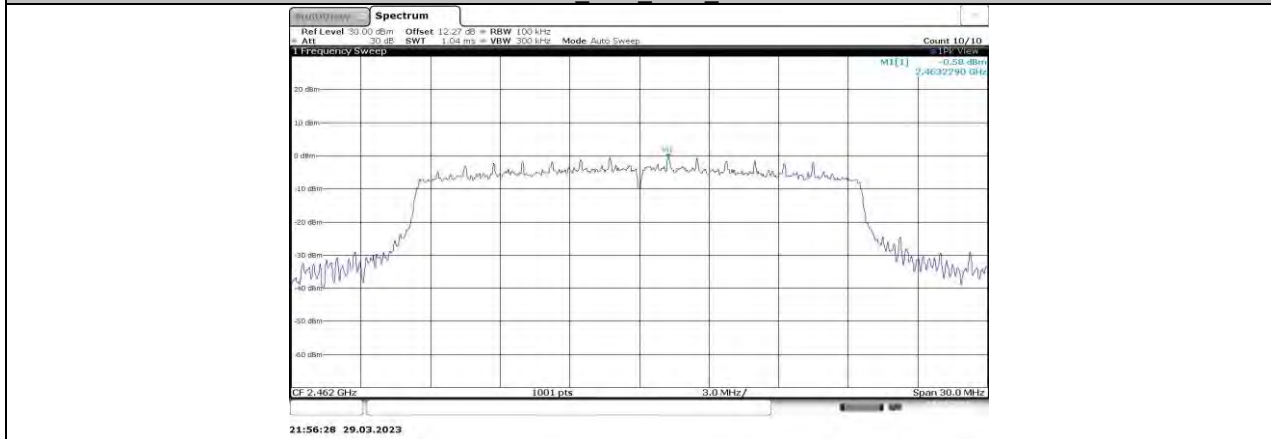
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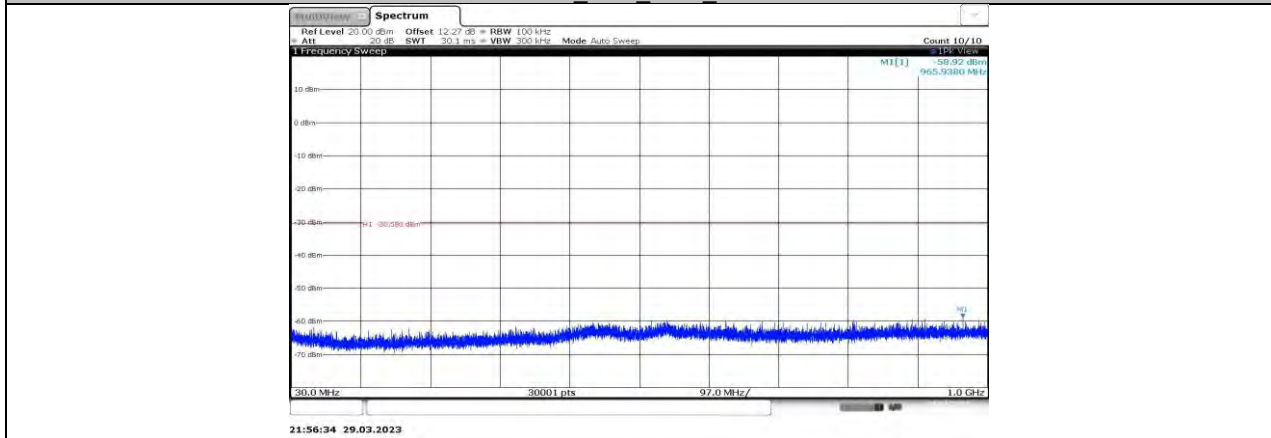
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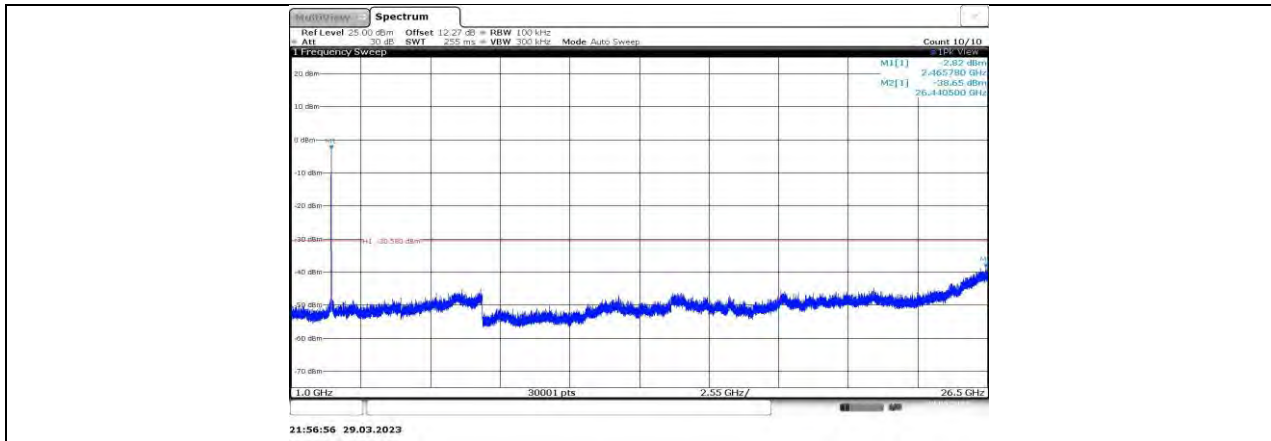
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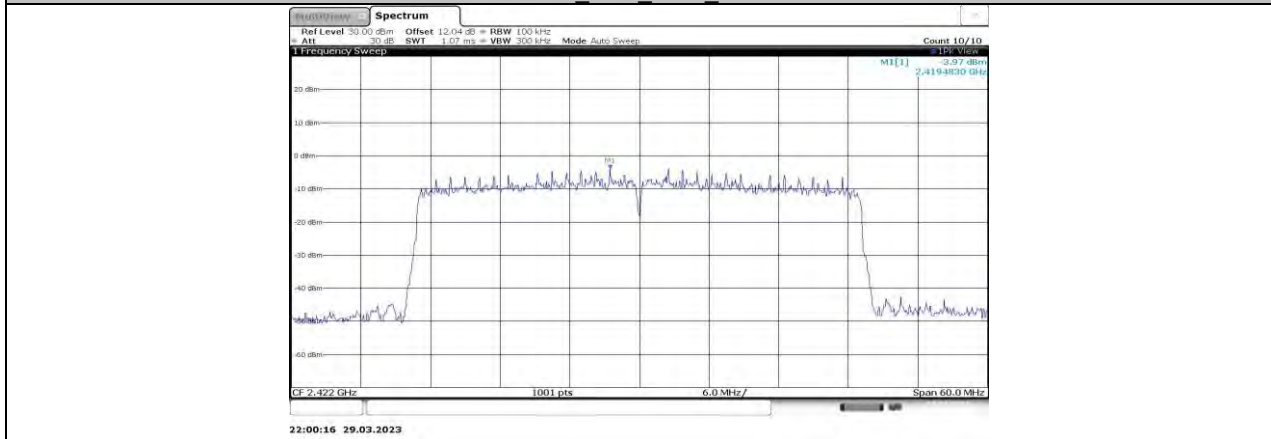
11AX20MIMO_Ant2_2462_0~Reference



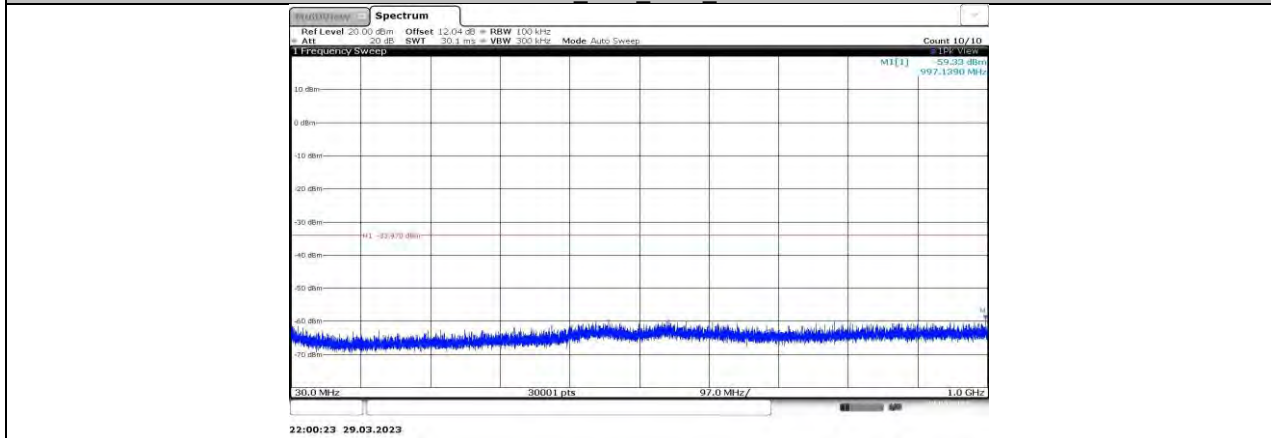
11AX20MIMO_Ant2_2462_30~1000



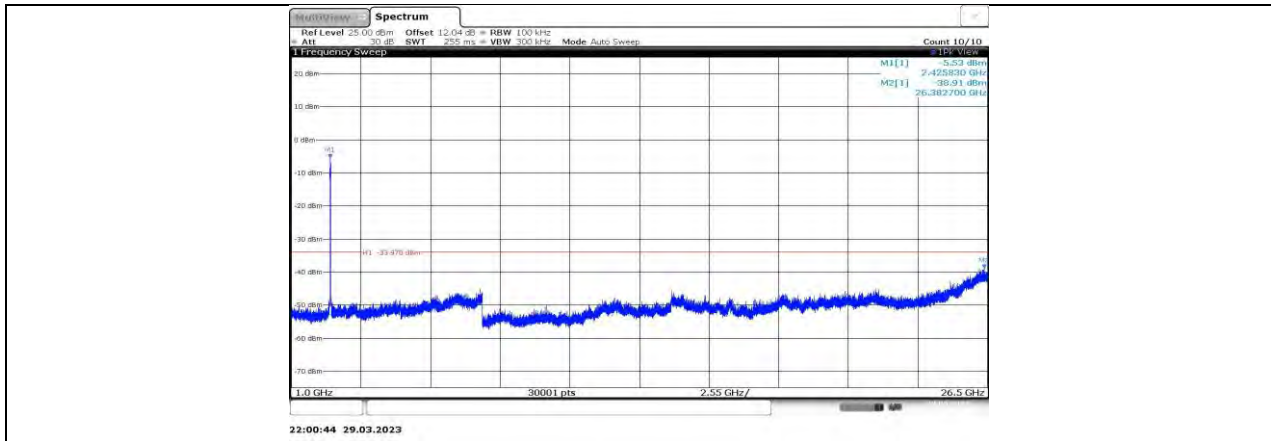
11AX20MIMO_Ant2_2462_1000~26500



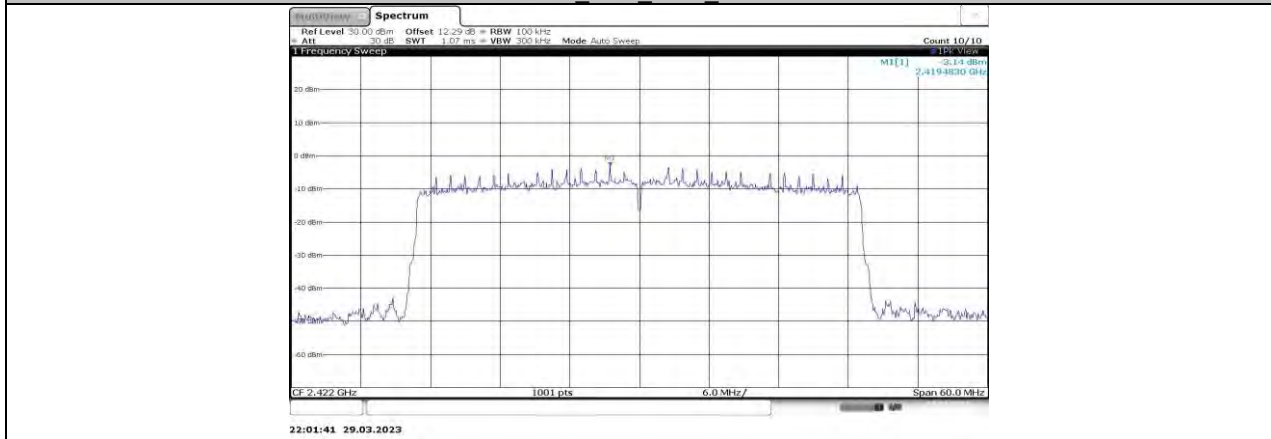
11AX40MIMO_Ant1_2422_0~Reference



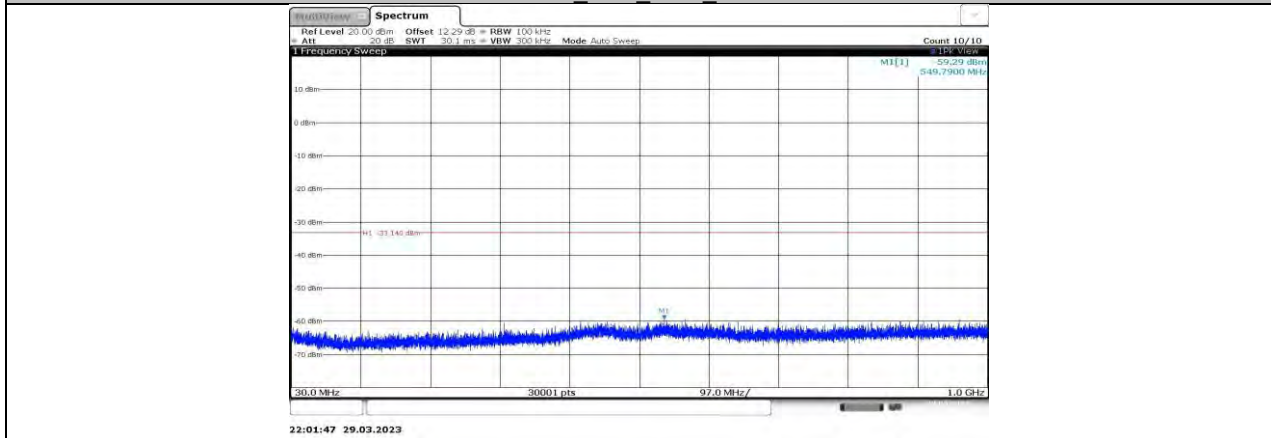
11AX40MIMO_Ant1_2422_30~1000



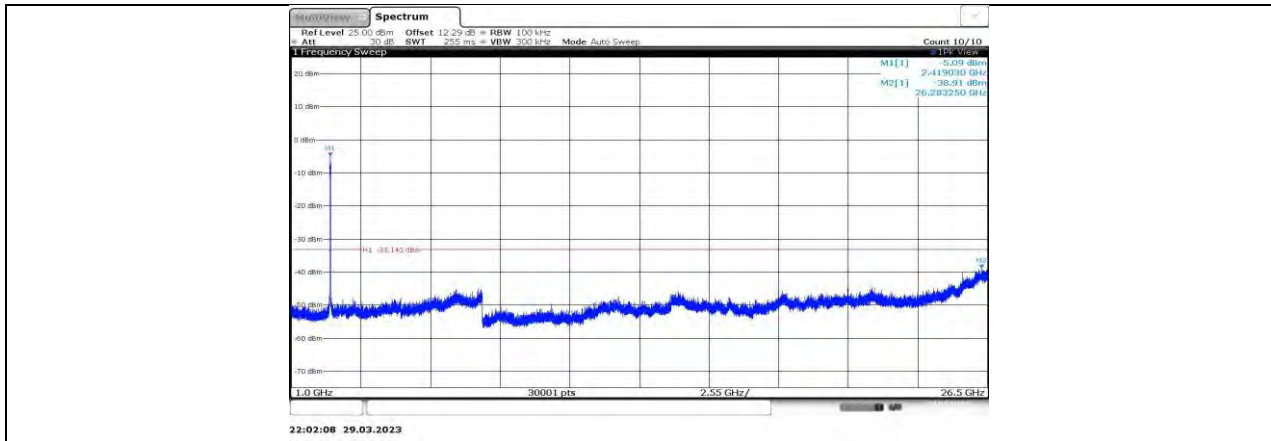
11AX40MIMO_Ant1_2422_1000~26500



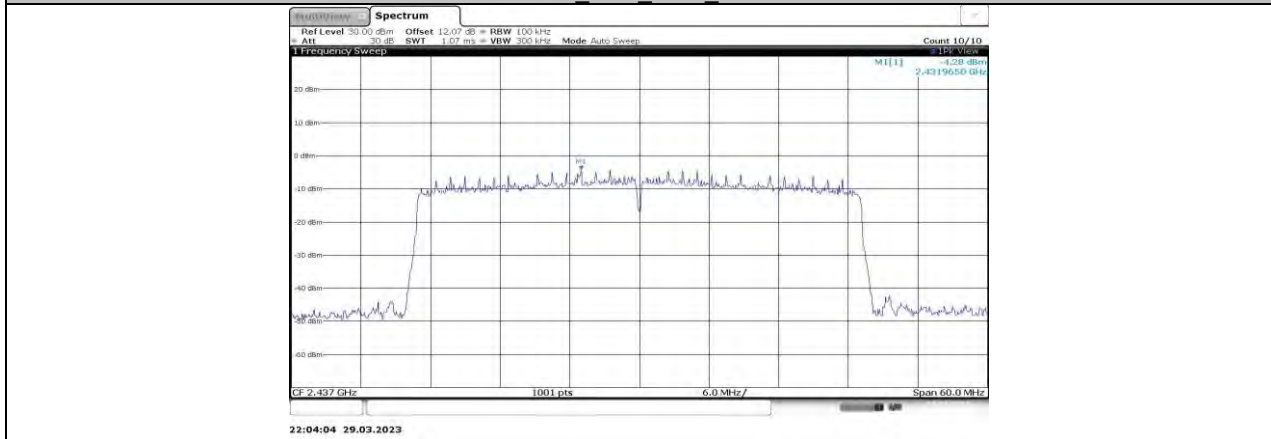
11AX40MIMO_Ant2_2422_0~Reference



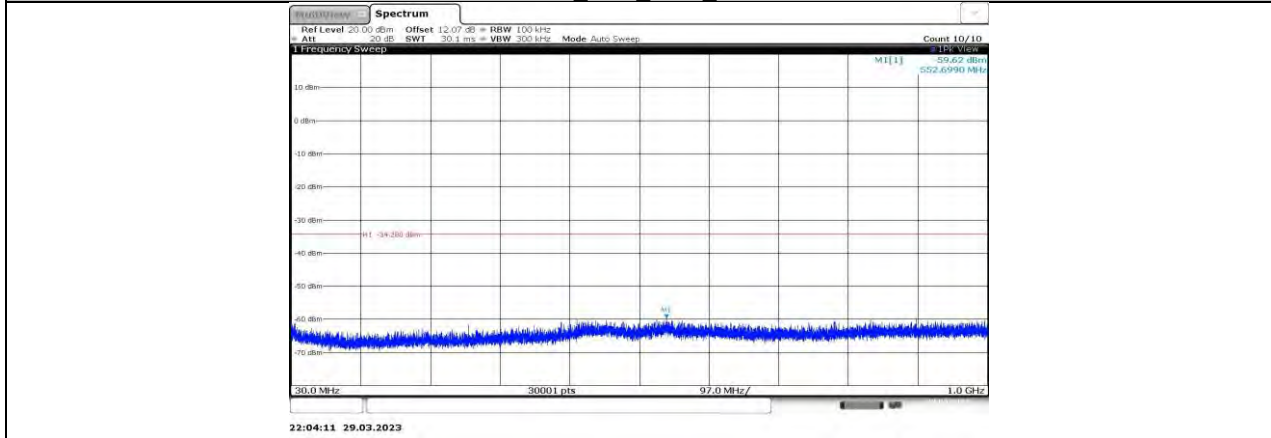
11AX40MIMO_Ant2_2422_30~1000



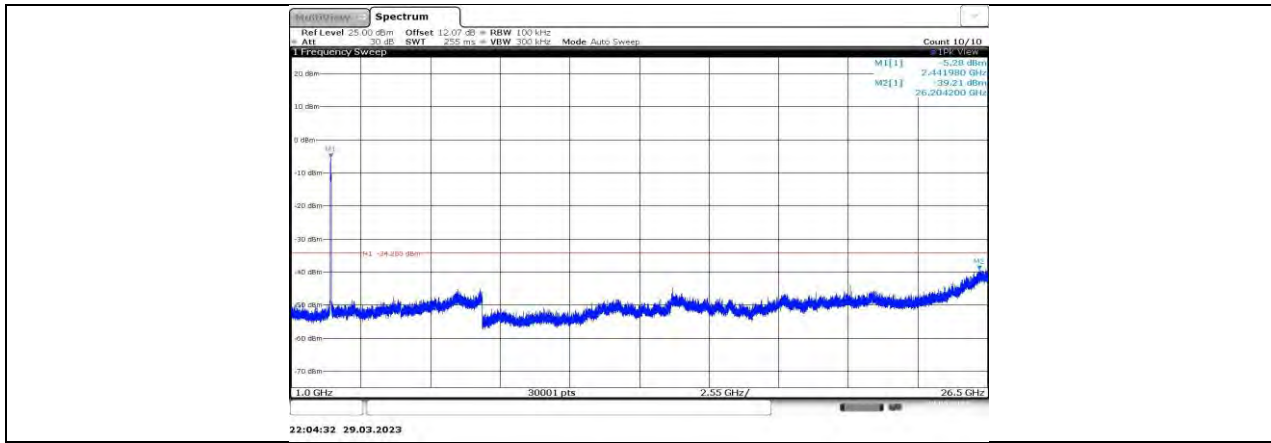
11AX40MIMO_Ant2_2422_1000~26500



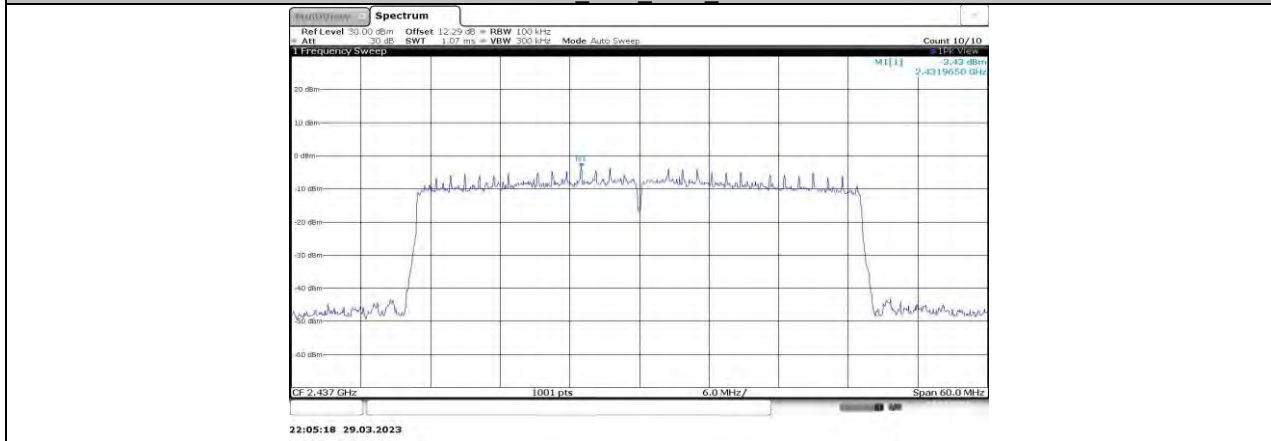
11AX40MIMO_Ant1_2437_0~Reference



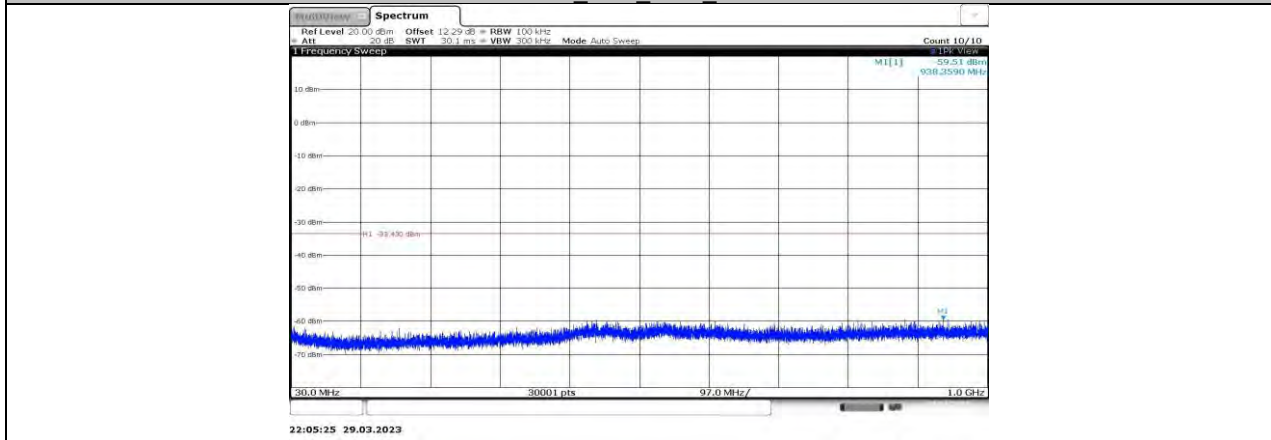
11AX40MIMO_Ant1_2437_30~1000



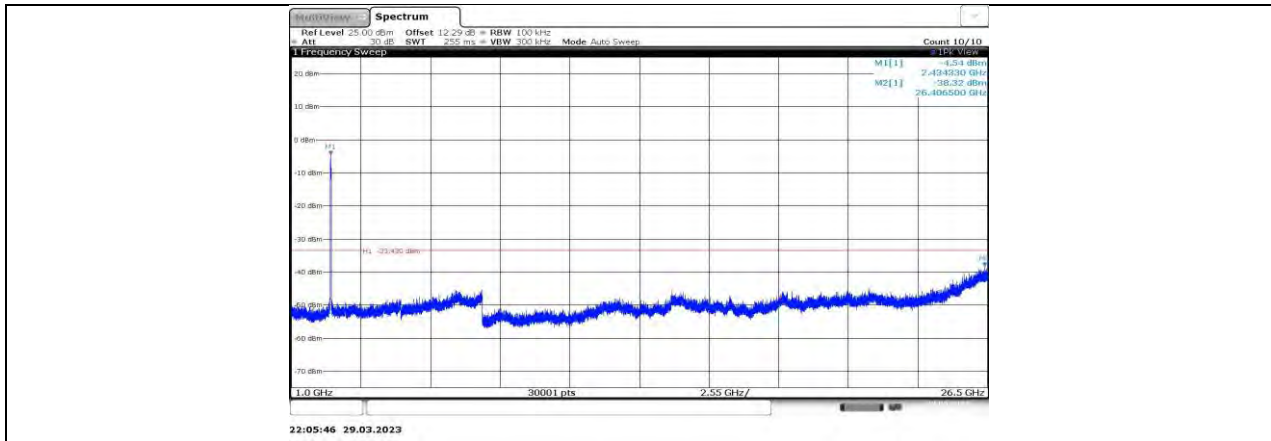
11AX40MIMO_Ant1_2437_1000~26500



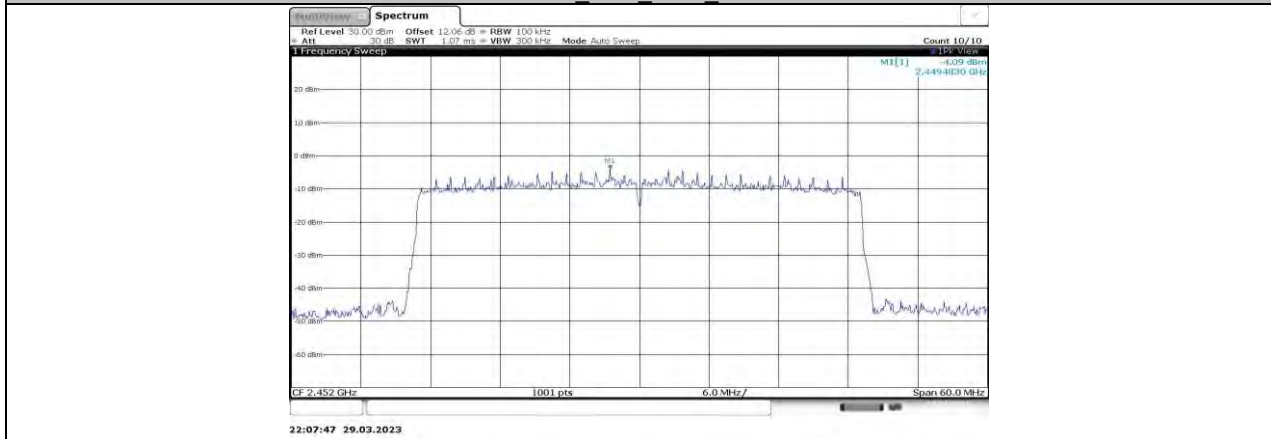
11AX40MIMO_Ant2_2437_0~Reference



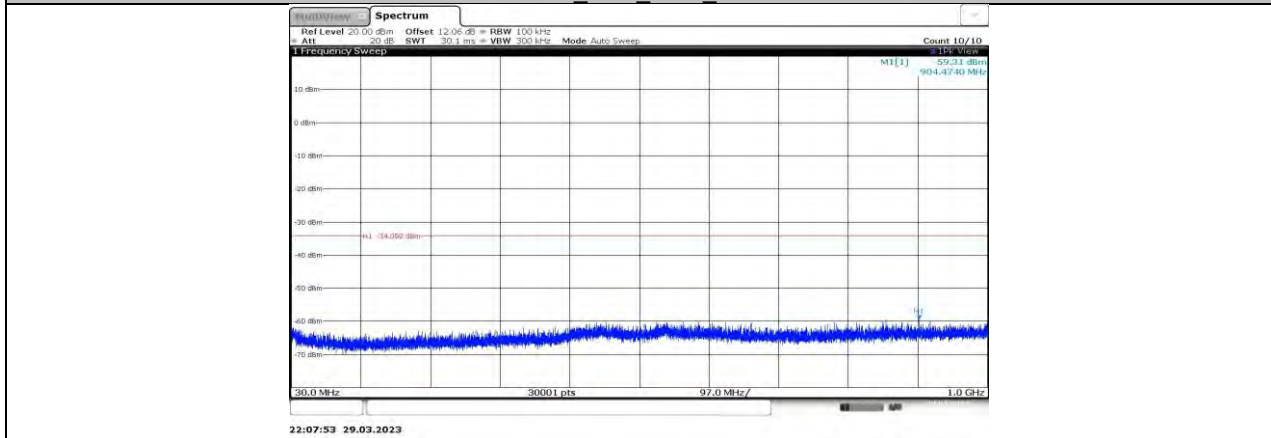
11AX40MIMO_Ant2_2437_30~1000



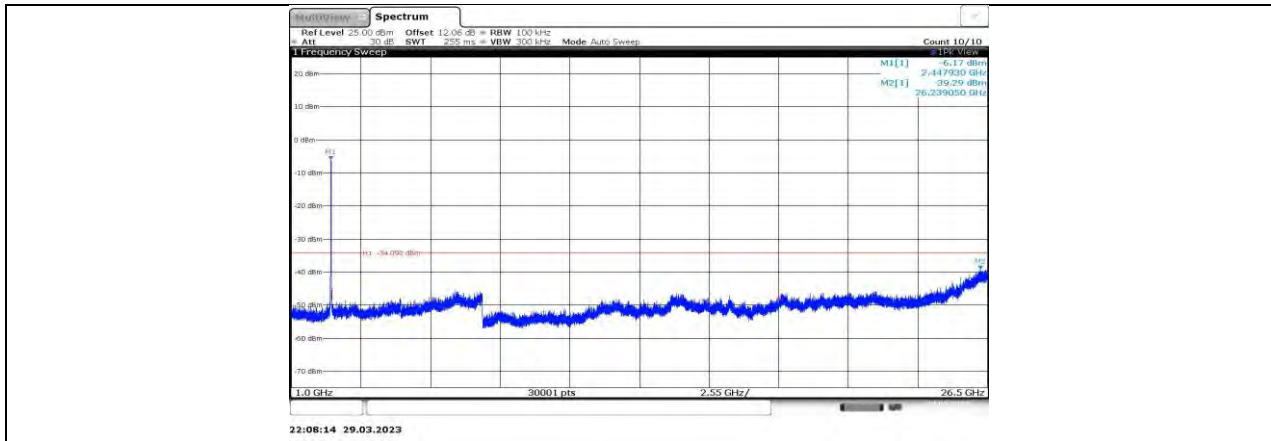
11AX40MIMO_Ant2_2437_1000~26500



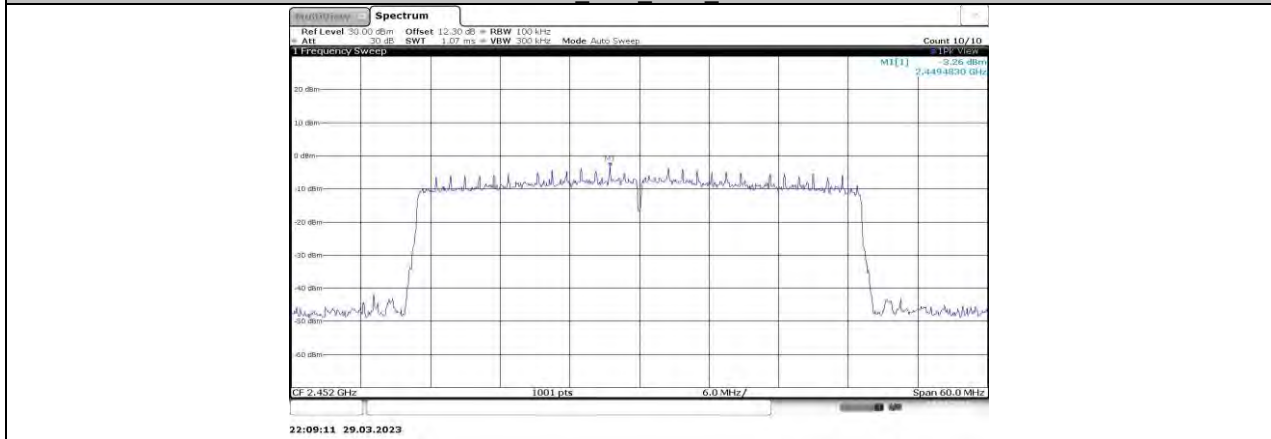
11AX40MIMO_Ant1_2452_0~Reference



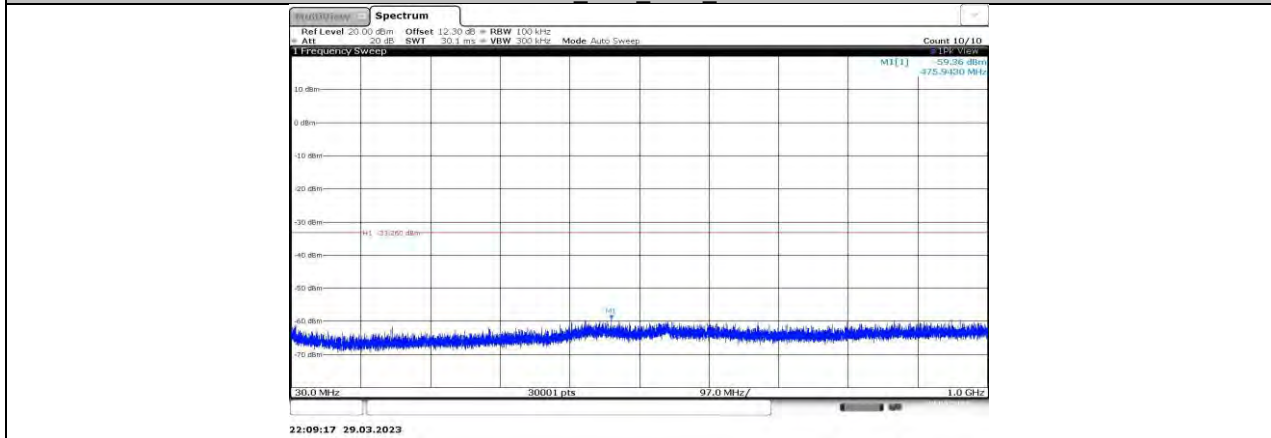
11AX40MIMO_Ant1_2452_30~1000



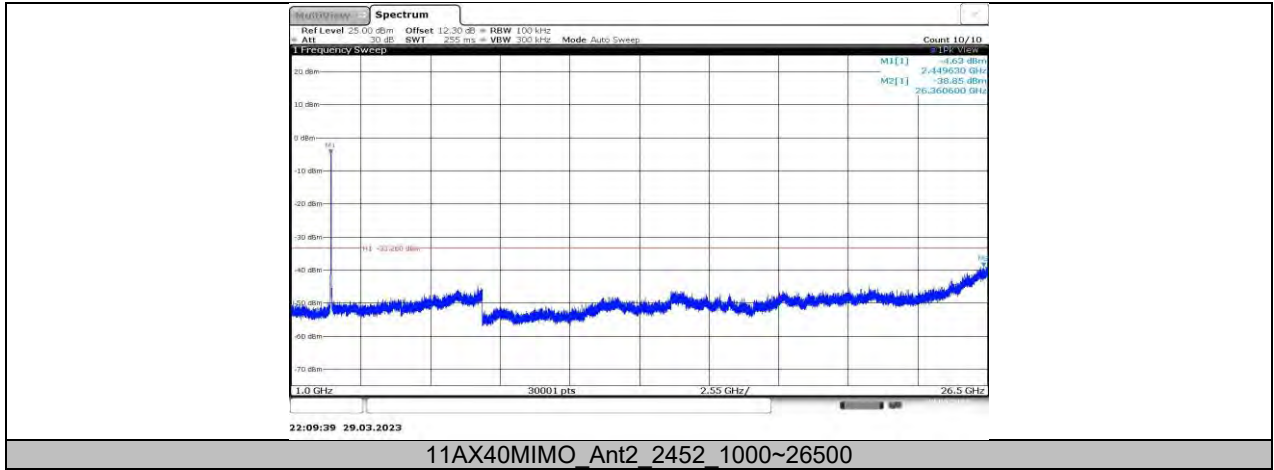
11AX40MIMO_Ant1_2452_1000~26500



11AX40MIMO_Ant2_2452_0~Reference



11AX40MIMO_Ant2_2452_30~1000



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)
11B	8.37	8.74	0.9577	95.77	0.19	0.12	0.5
11G	1.39	1.77	0.7853	78.53	1.05	0.72	1
11N20MIMO	1.29	1.67	0.7725	77.25	1.12	0.78	1
11N40MIMO	0.65	1.03	0.6311	63.11	2.00	1.54	2
11AX20MIMO	0.55	0.94	0.5851	58.51	2.33	1.82	2
11AX40MIMO	0.20	0.55	0.3636	36.36	4.39	5.00	10

Note:

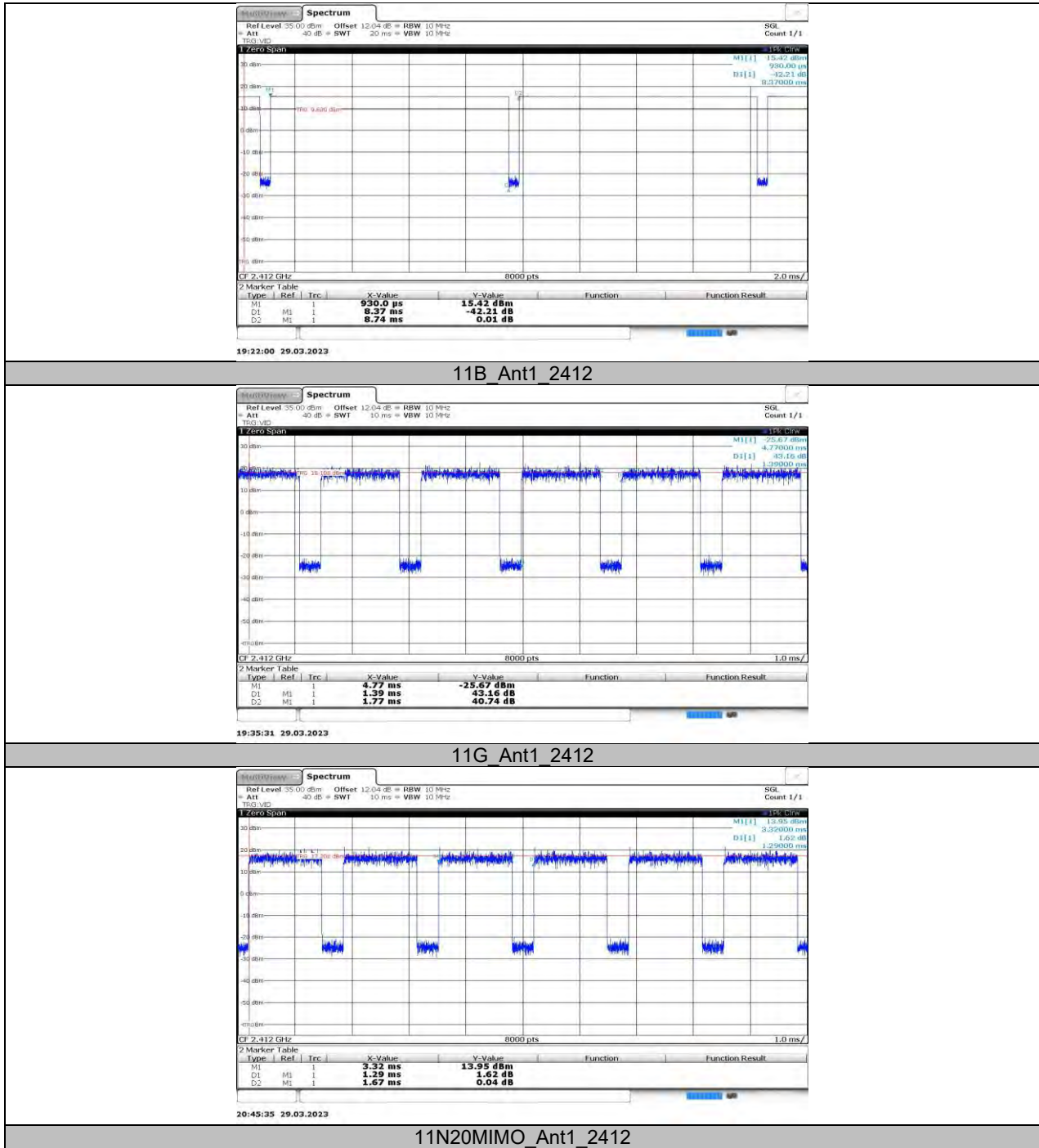
Duty Cycle Correction Factor=10log (1/x).

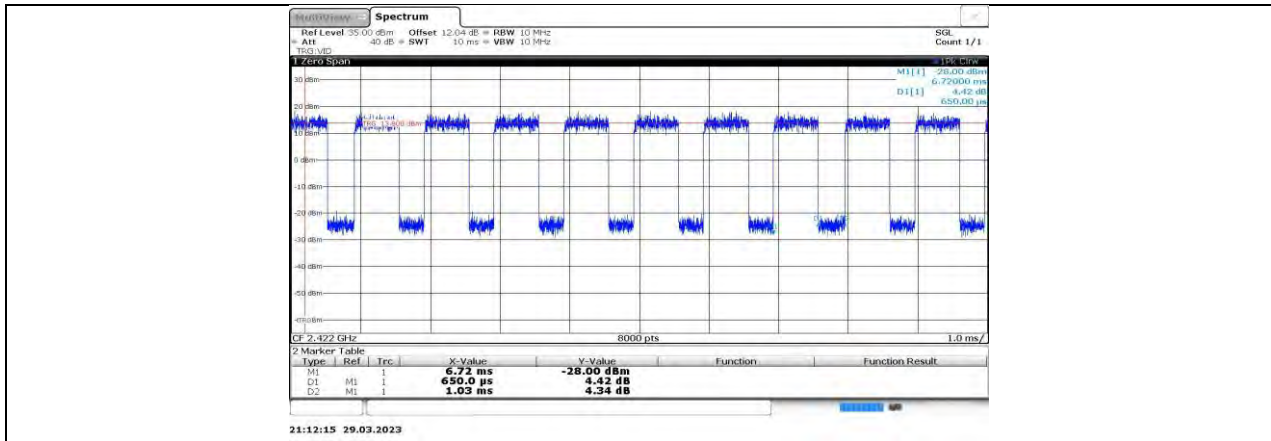
Where: x is Duty Cycle (Linear)

Where: T is On Time

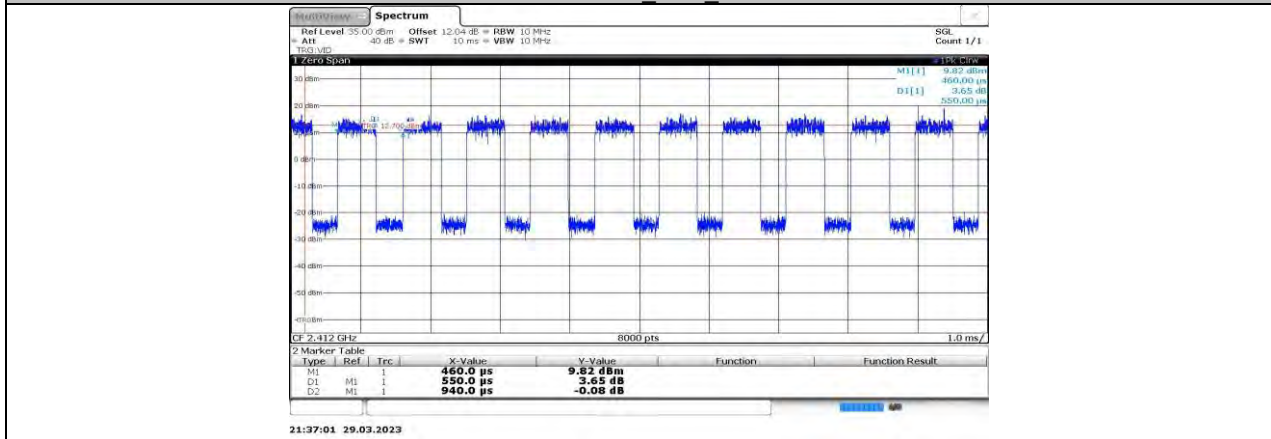
If that calculated VBW is not available on the analyzer then the next higher value should be used.

11.7.2. Test Graphs

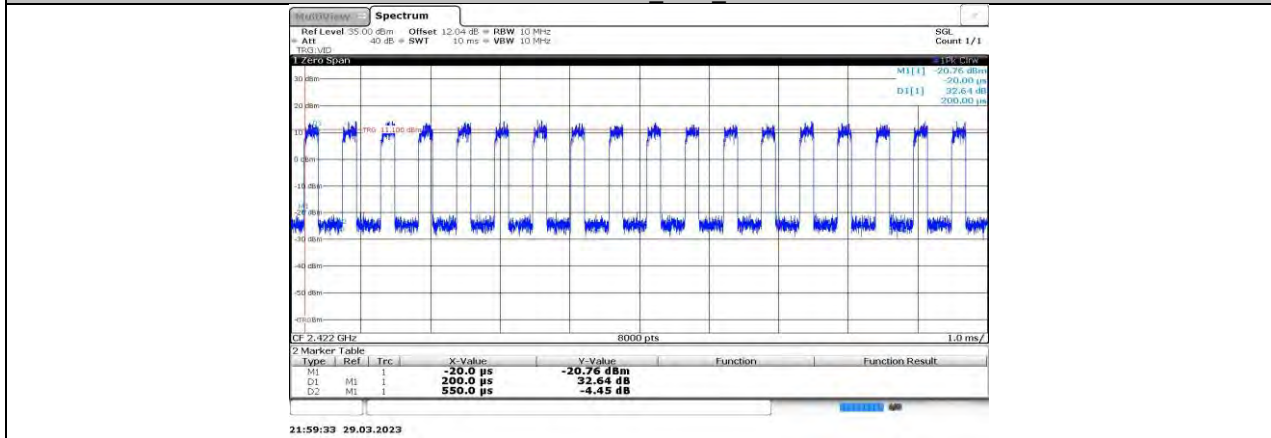




11N40MIMO Ant1_2422



11AX20MIMO Ant1_2412



11AX40MIMO Ant1_2422

END OF REPORT