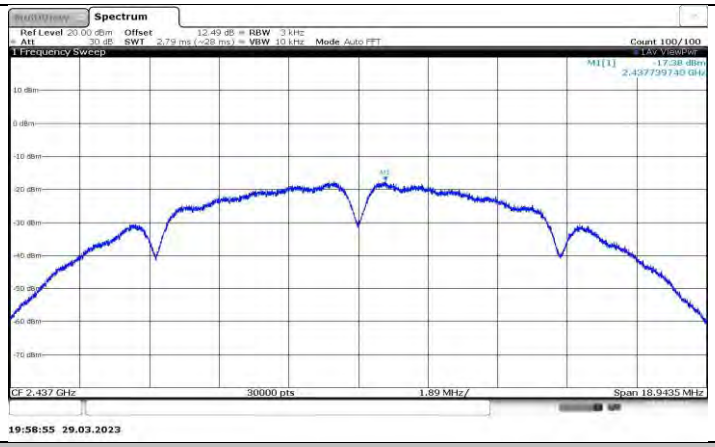
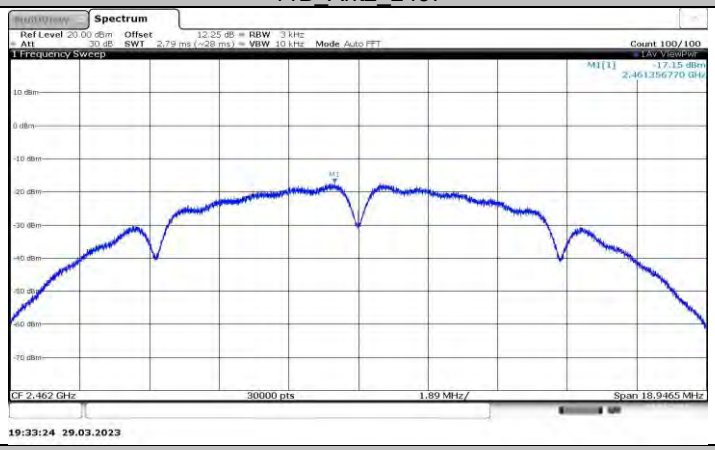
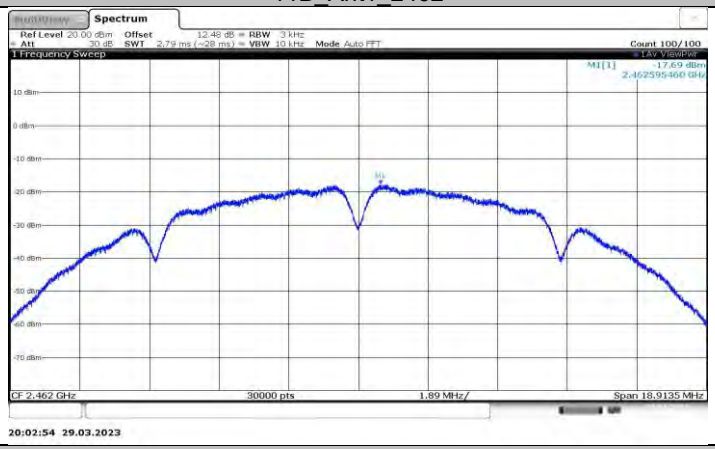


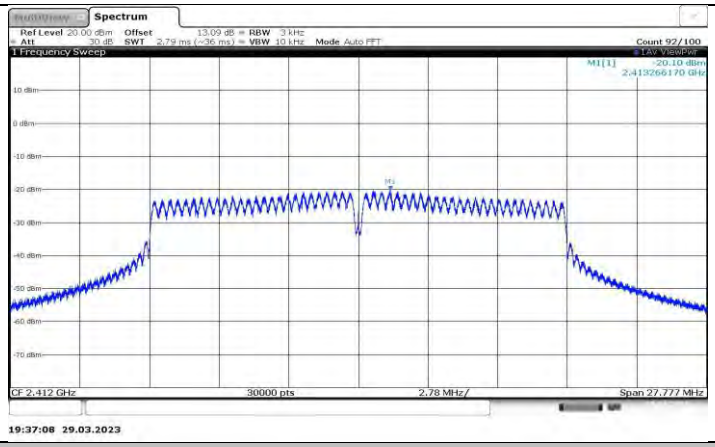
11B_Ant2_2437



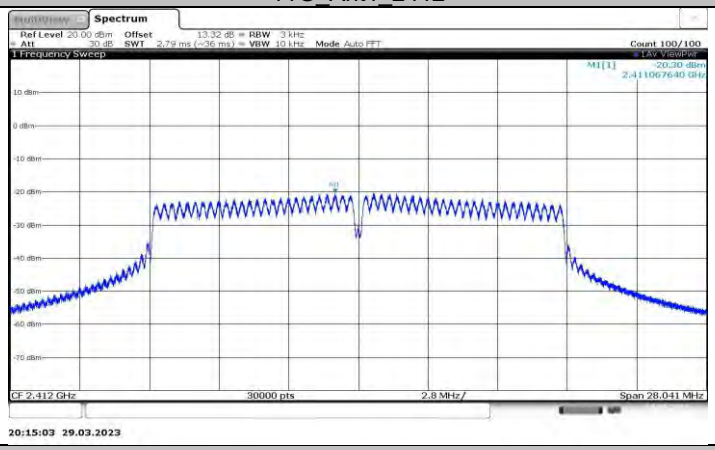
11B_Ant1_2462



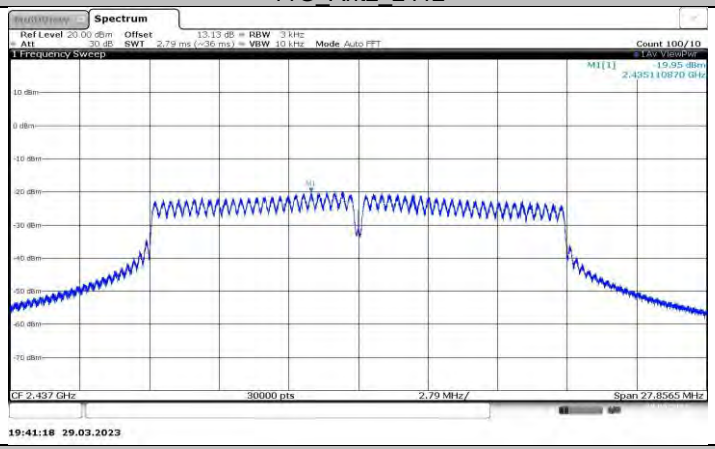
11B_Ant2_2462



11G_Ant1_2412



11G_Ant2_2412



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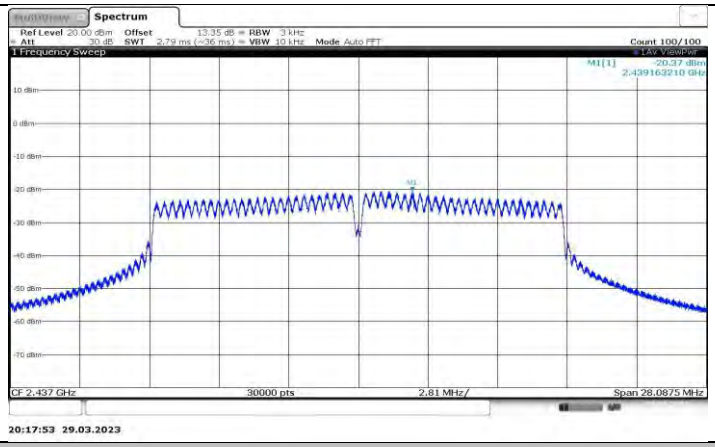

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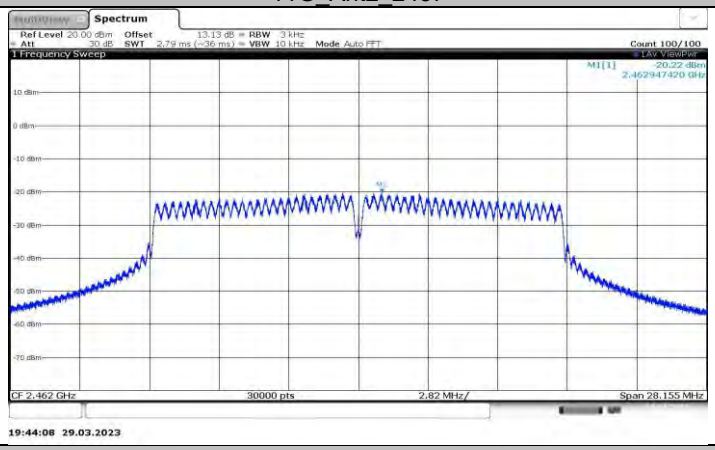

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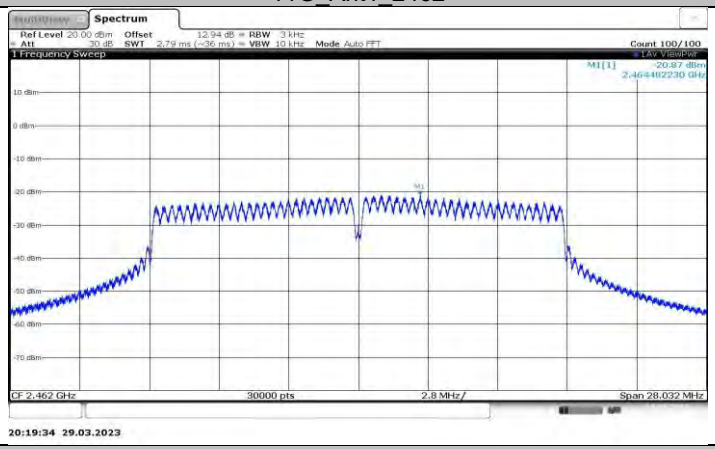
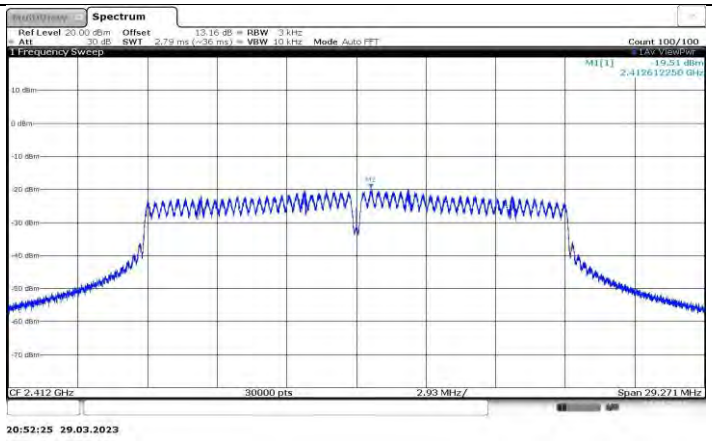
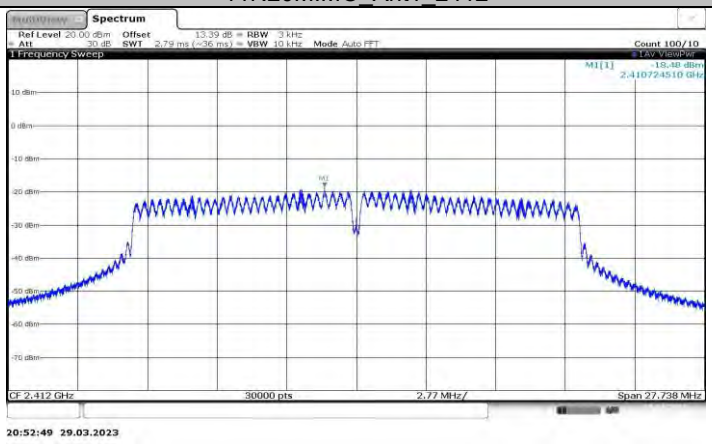


11G_Ant2_2462



11N20MIMO_Ant1_2412



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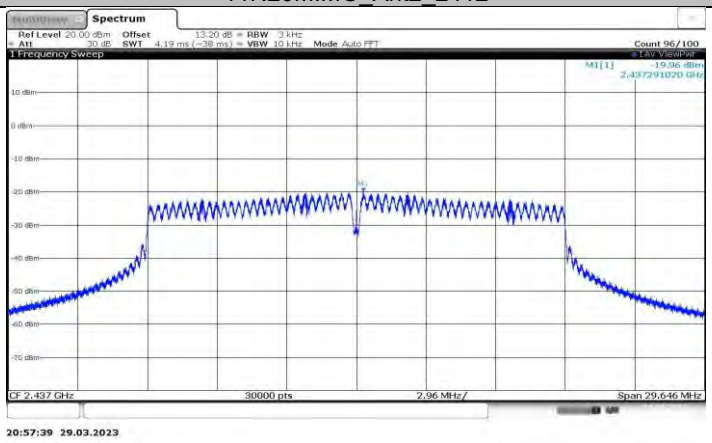

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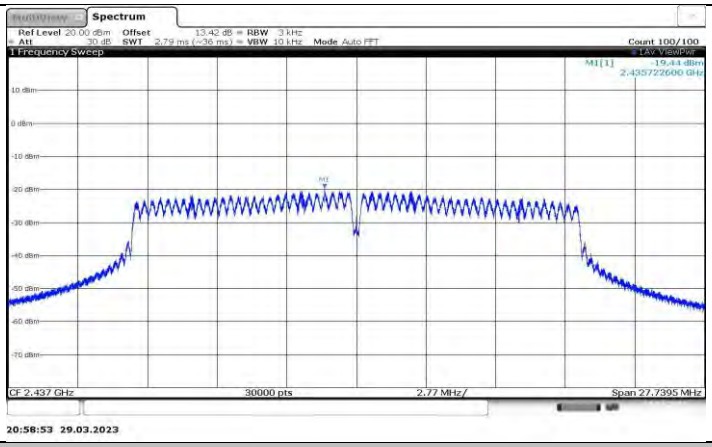

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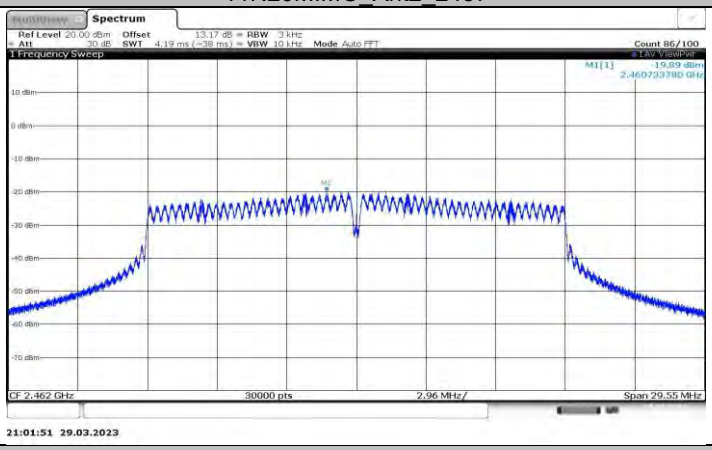

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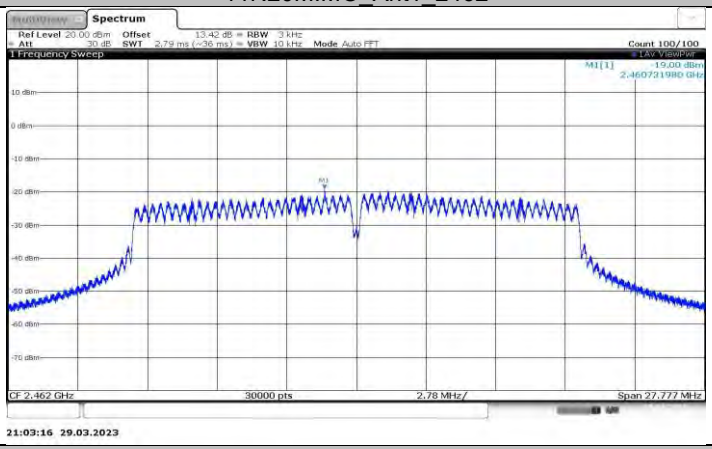

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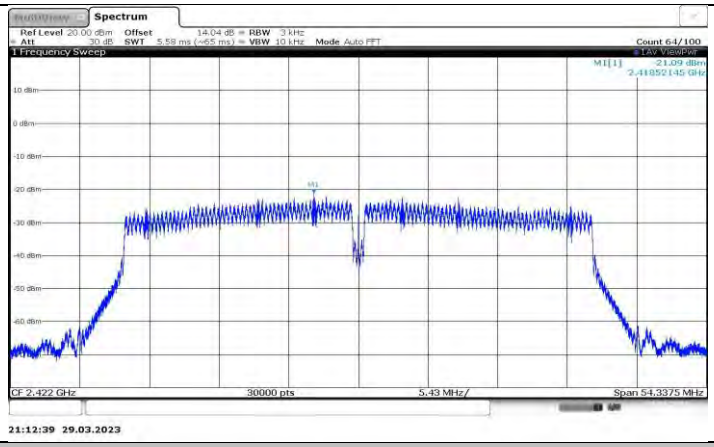
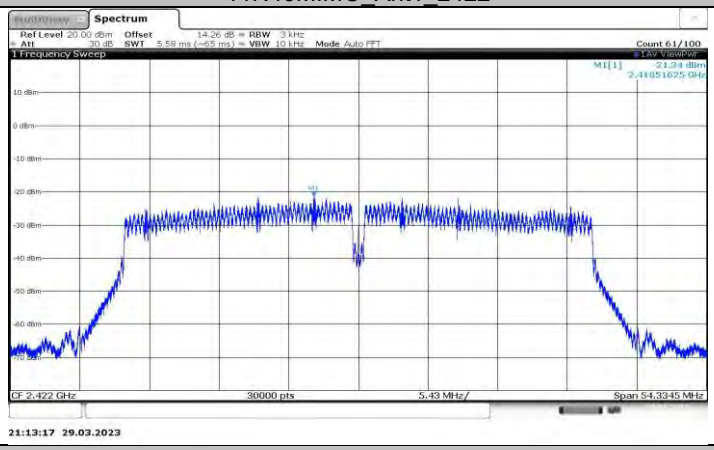
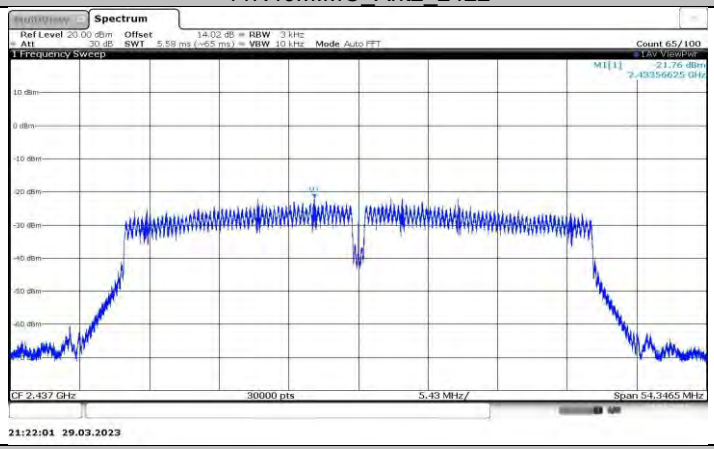


11N40MIMO_Ant1_2422



11N40MIMO_Ant2_2422



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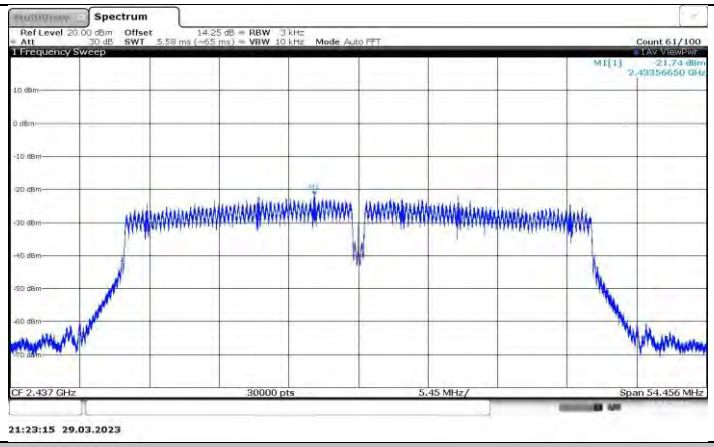
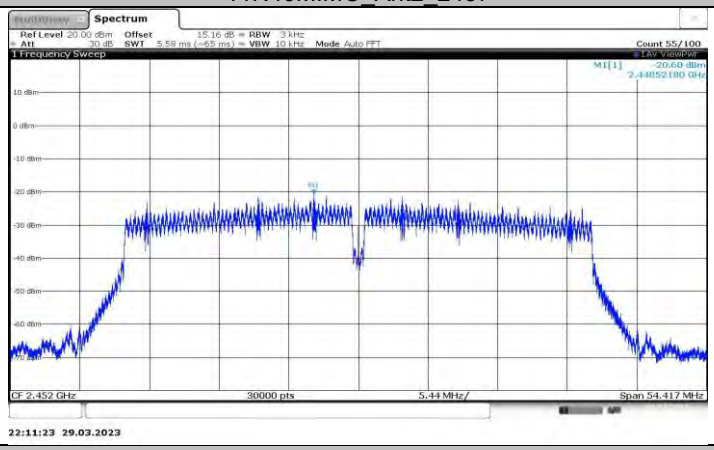
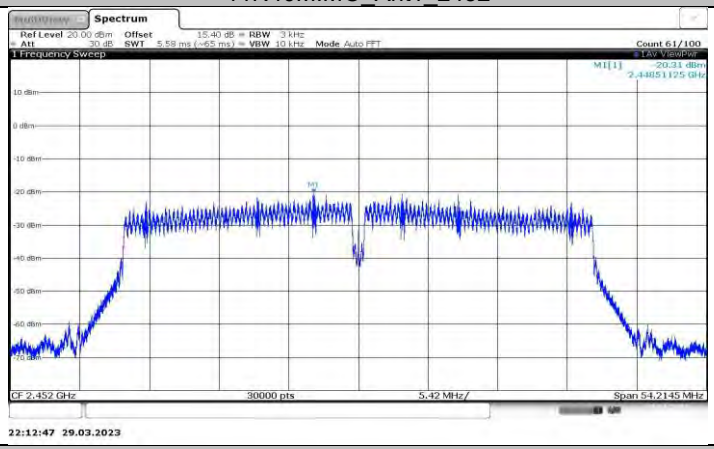


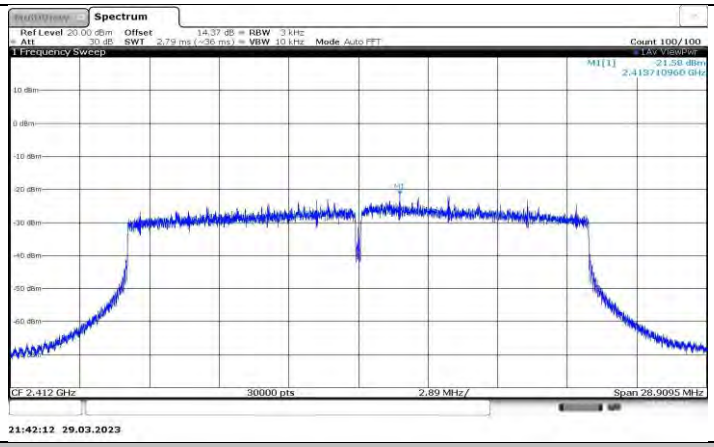
11N40MIMO_Ant2_2437



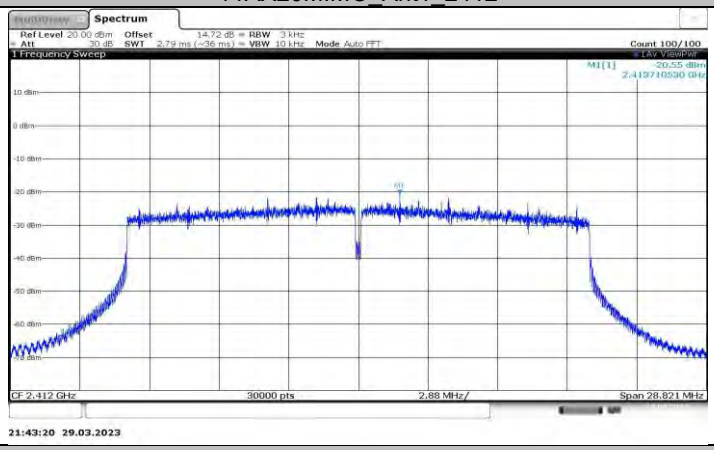
11N40MIMO_Ant1_2452



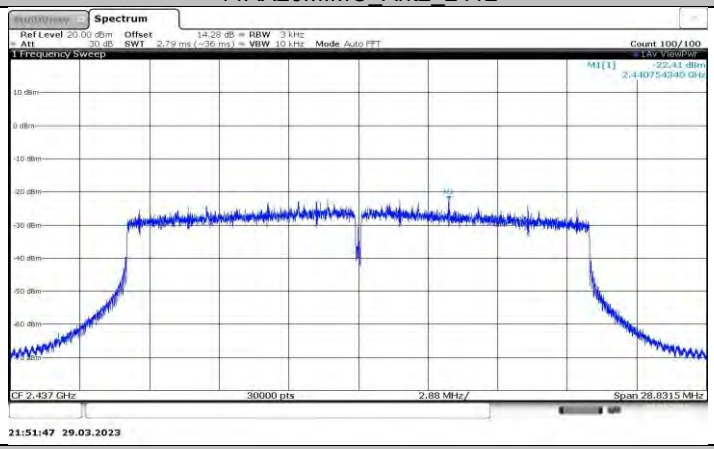
11N40MIMO_Ant2_2452



11AX20MIMO_Ant1_2412



11AX20MIMO_Ant2_2412



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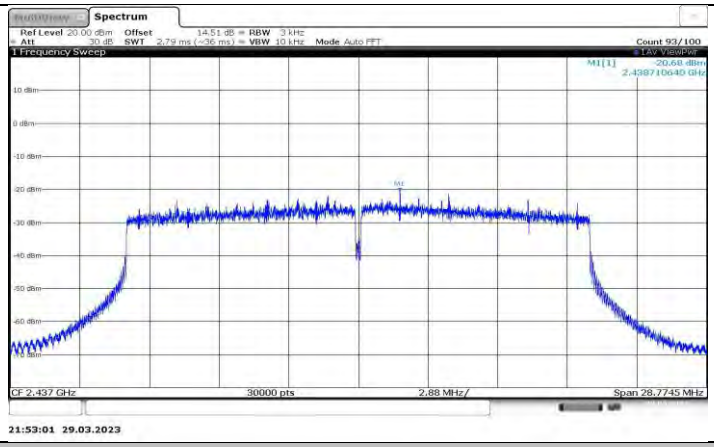

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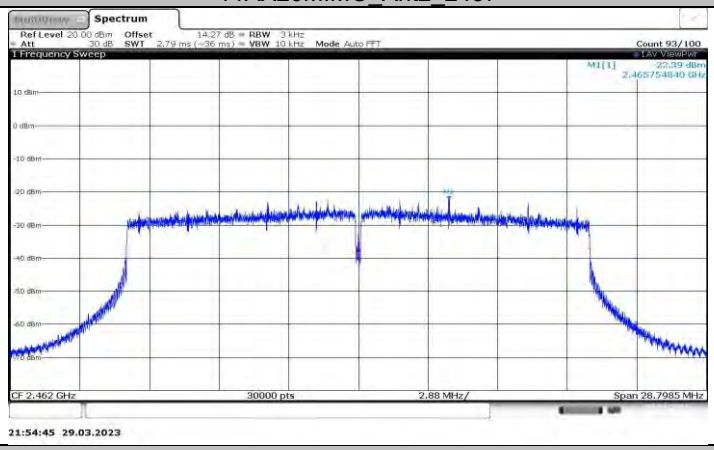
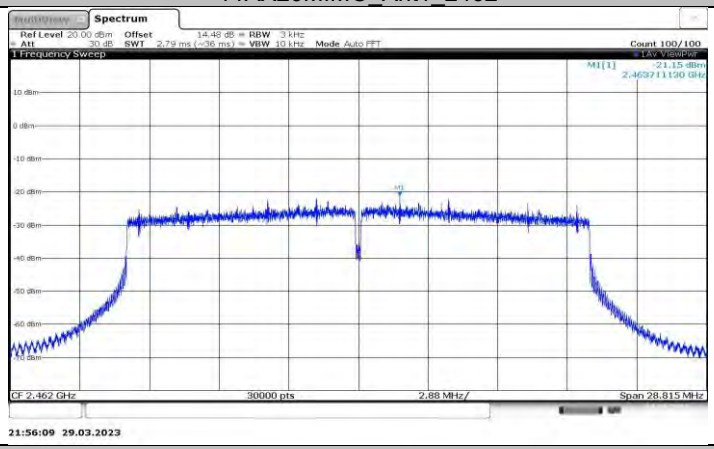
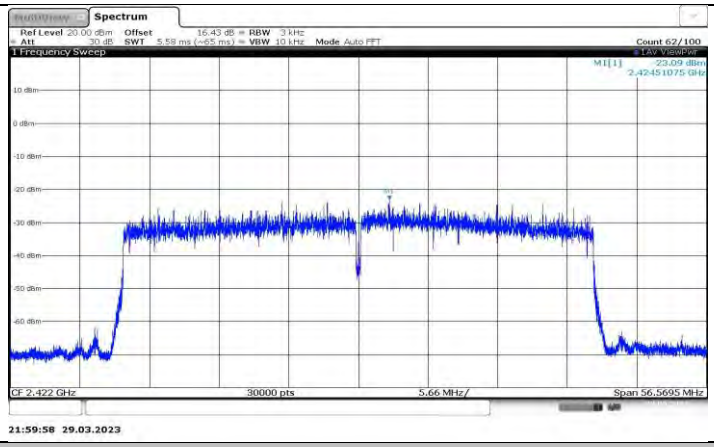


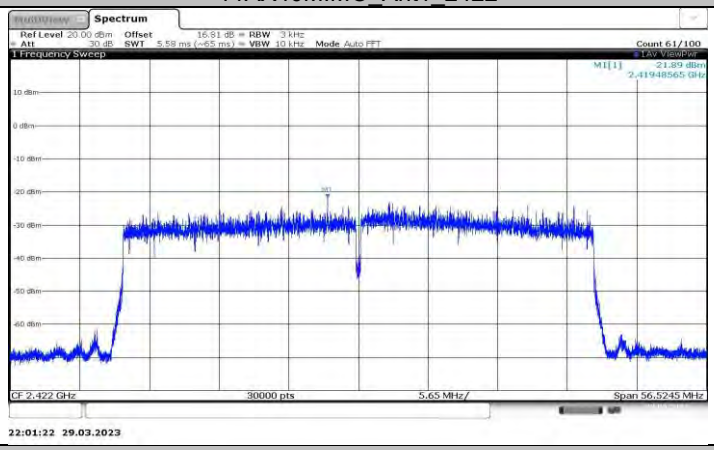
11AX20MIMO_Ant1_2462



11AX20MIMO_Ant2_2462



11AX40MIMO_Ant1_2422



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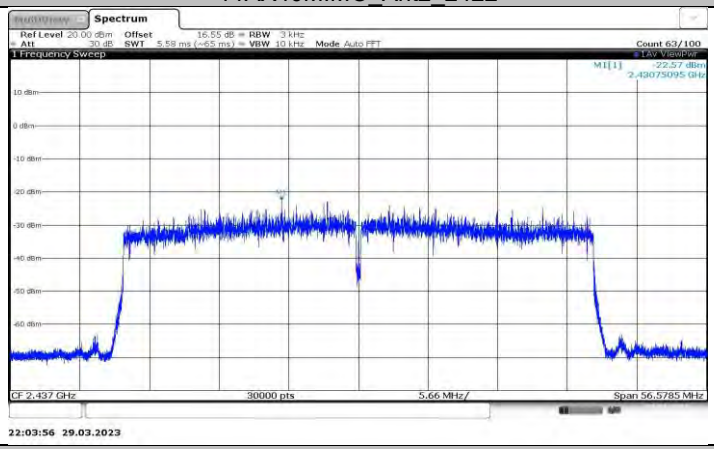
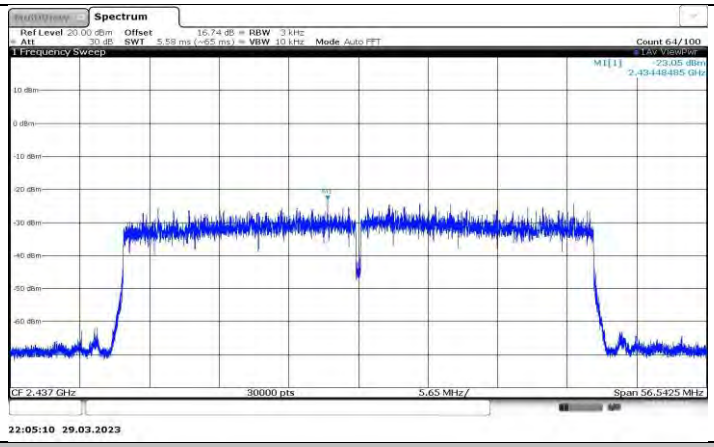
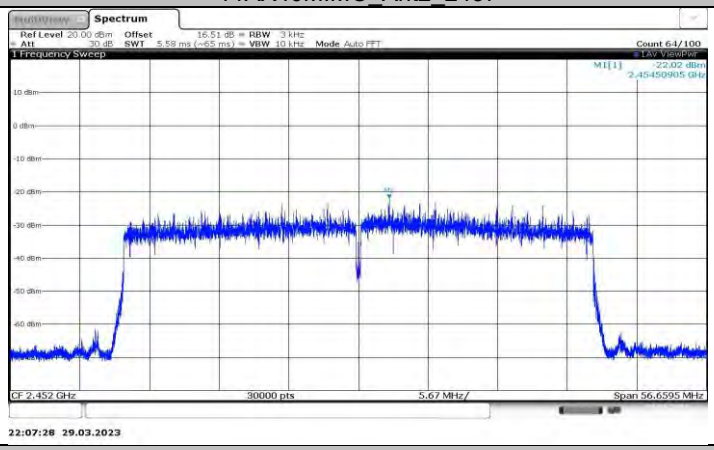


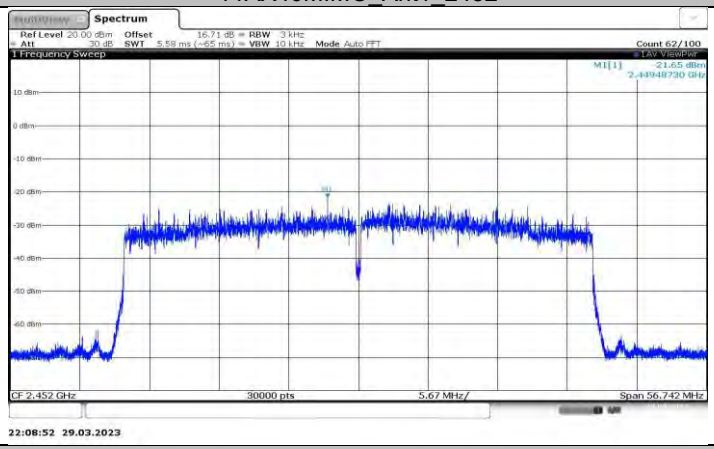
11AX40MIMO_Ant1_2437



11AX40MIMO_Ant2_2437



11AX40MIMO_Ant1_2452



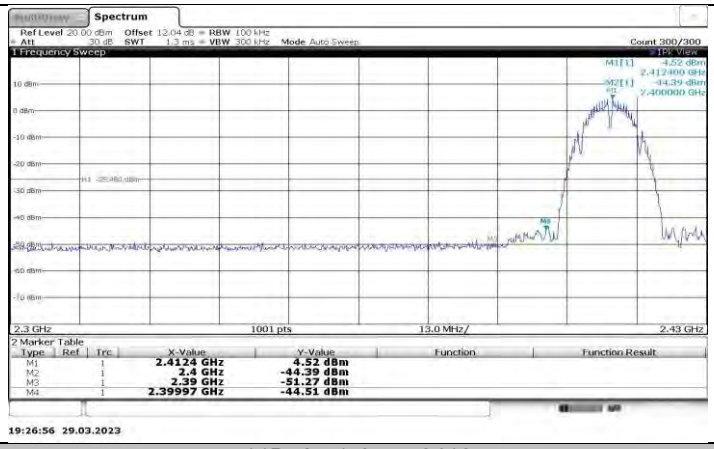
11AX40MIMO_Ant2_2452

11.5. APPENDIX E: BAND EDGE MEASUREMENTS

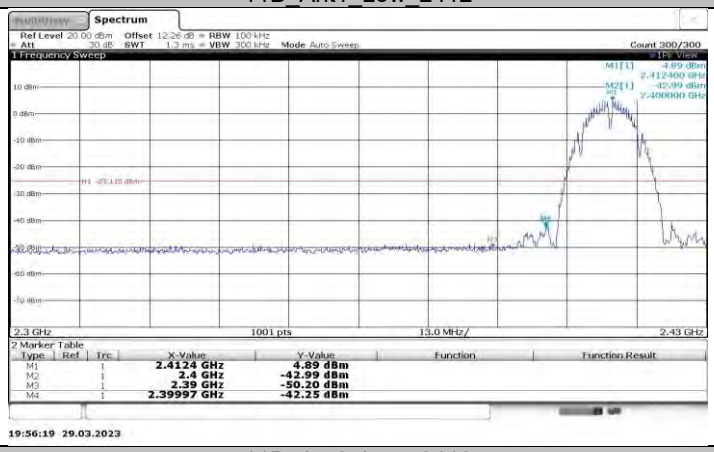
11.5.1. Test Result

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

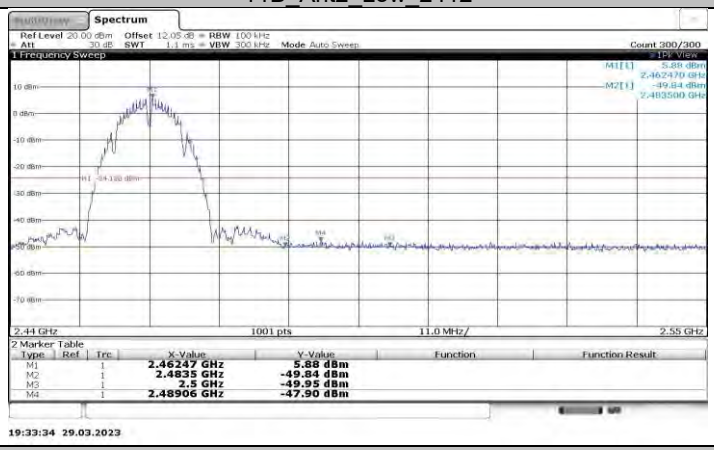
11.5.2. Test Graphs



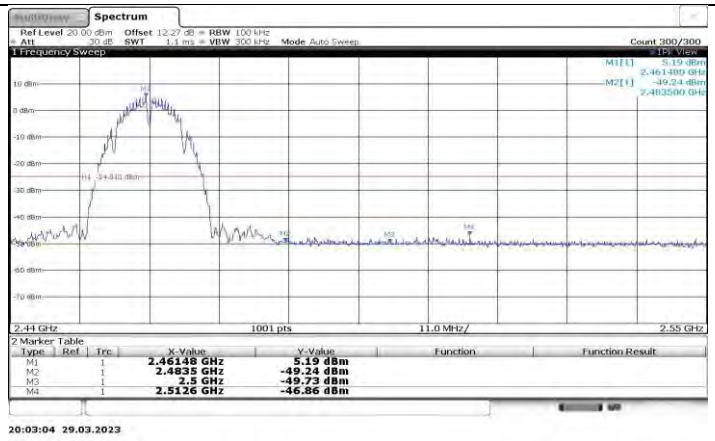
11B_Ant1_Low_2412



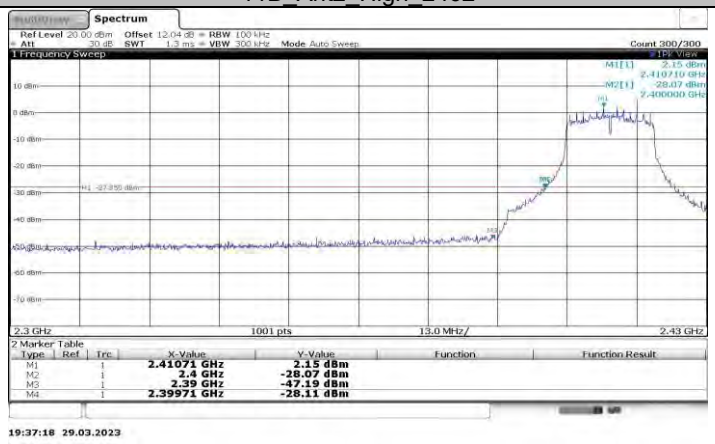
11B_Ant2_Low_2412



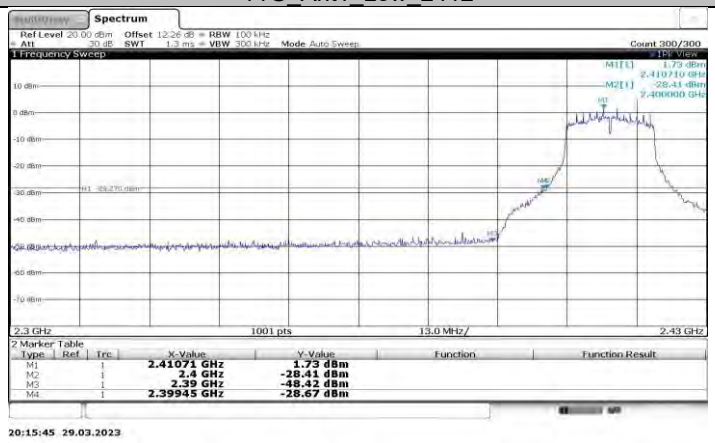
11B_Ant1_High_2462



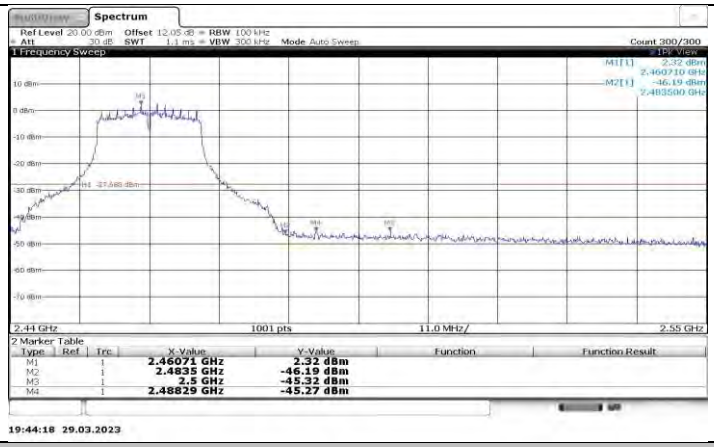
11B_Ant2_High_2462



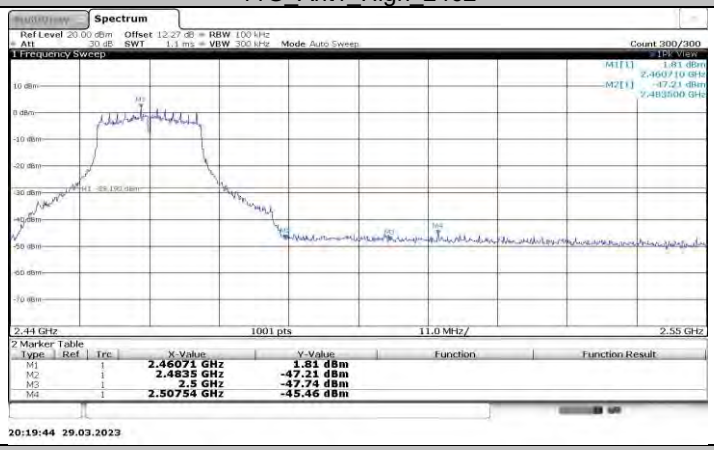
11G_Ant1_Low_2412



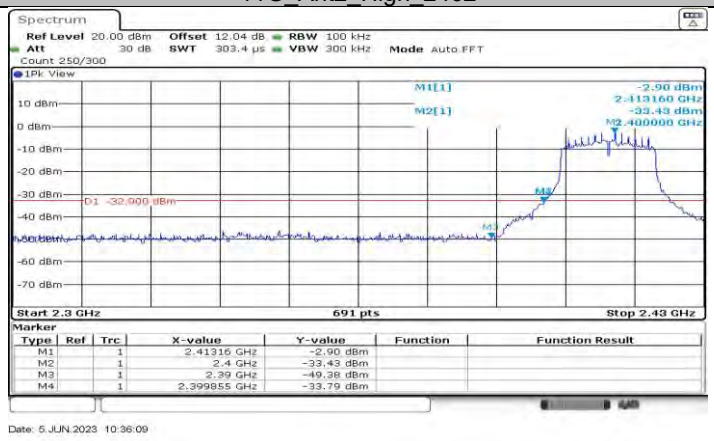
11G_Ant2_Low_2412



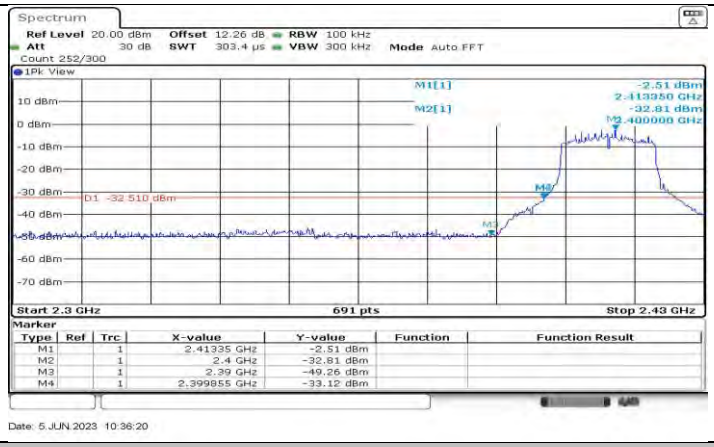
11G_Ant1_High_2462



11G_Ant2_High_2462



11N20MIMO_Ant1_Low_2412



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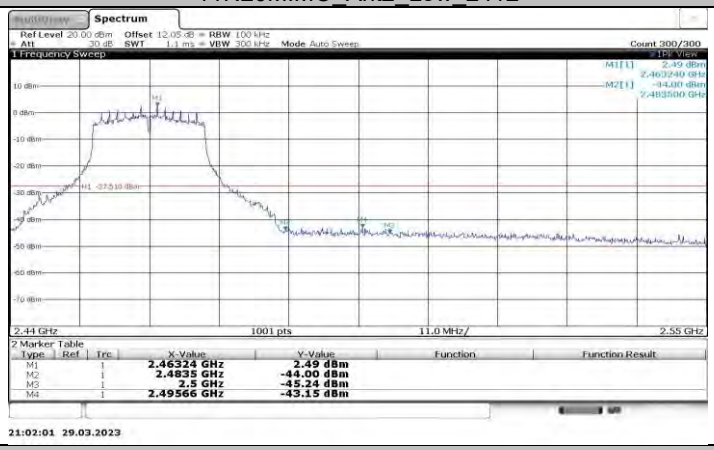

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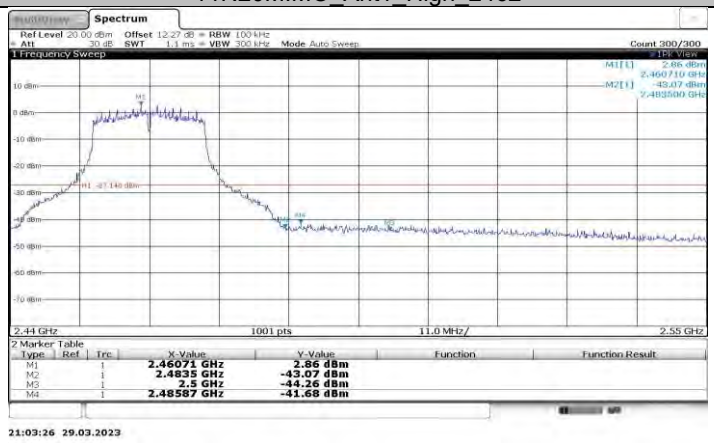

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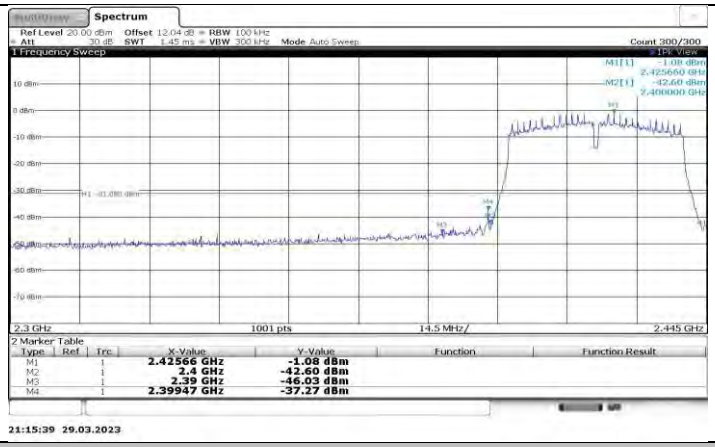
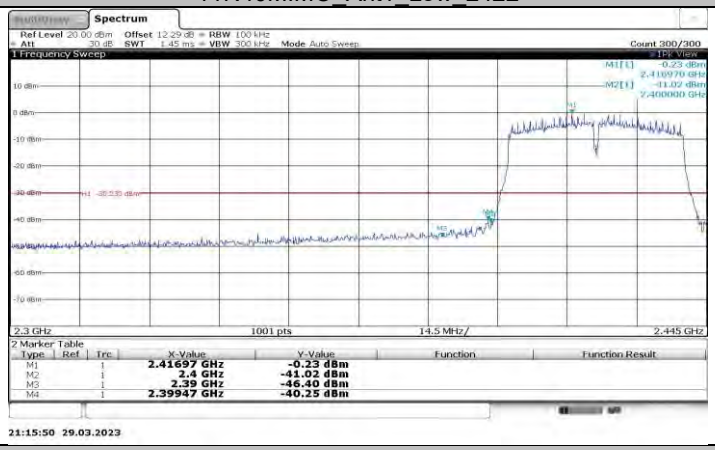
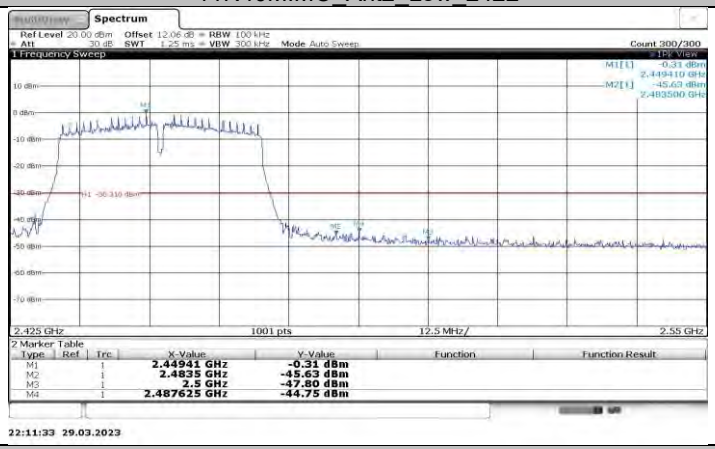


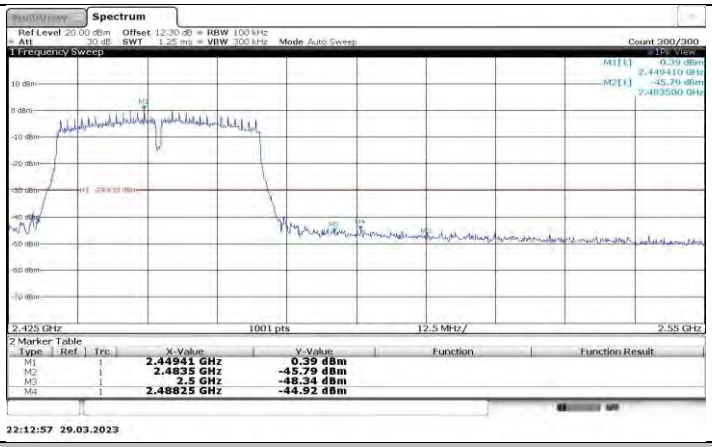
11N40MIMO_Ant1_Low_2422



11N40MIMO_Ant2_Low_2422



11N40MIMO_Ant1_High_2452



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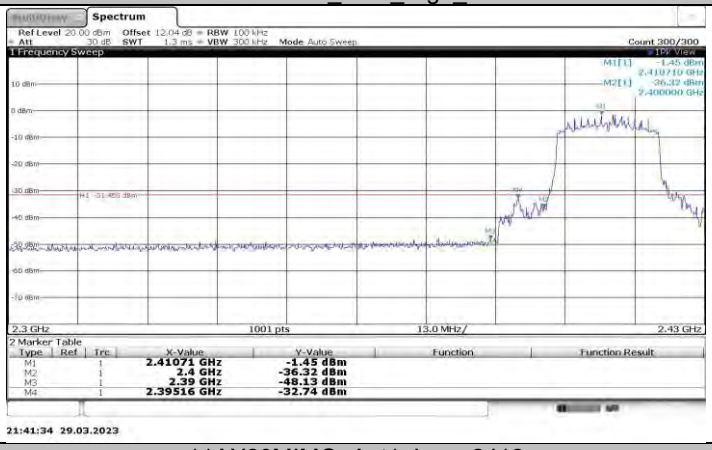
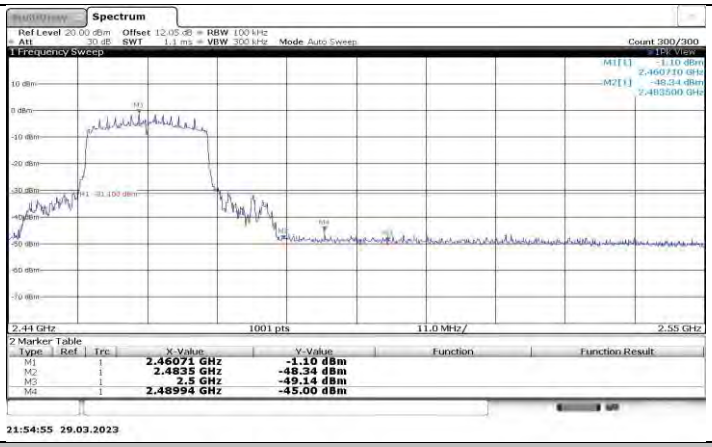
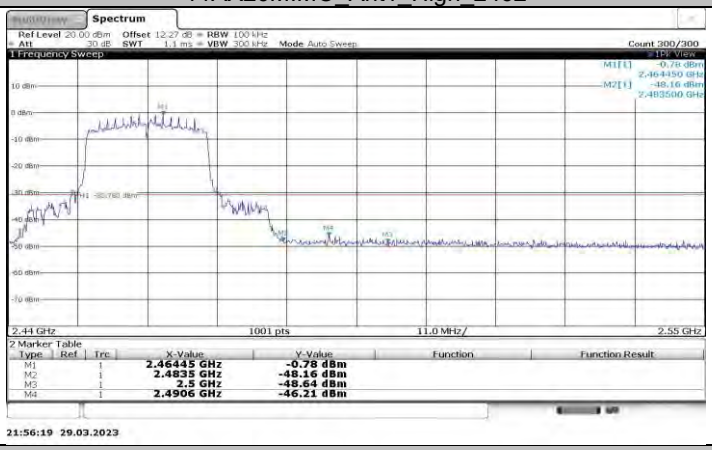


11AX20MIMO_Ant1_Low_2412

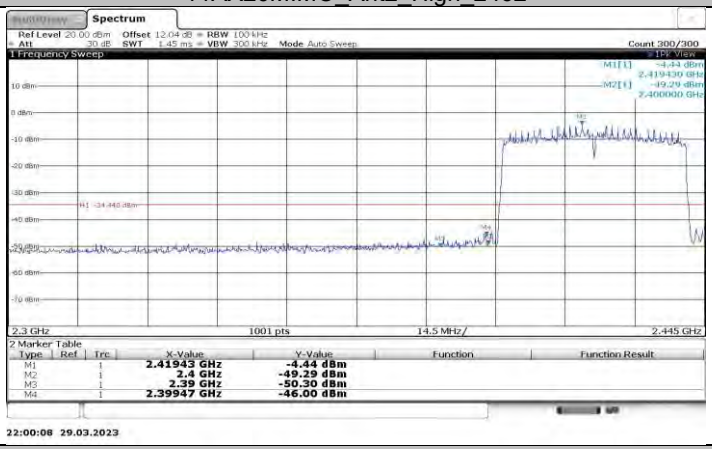
11AX20MIMO_Ant2_Low_2412



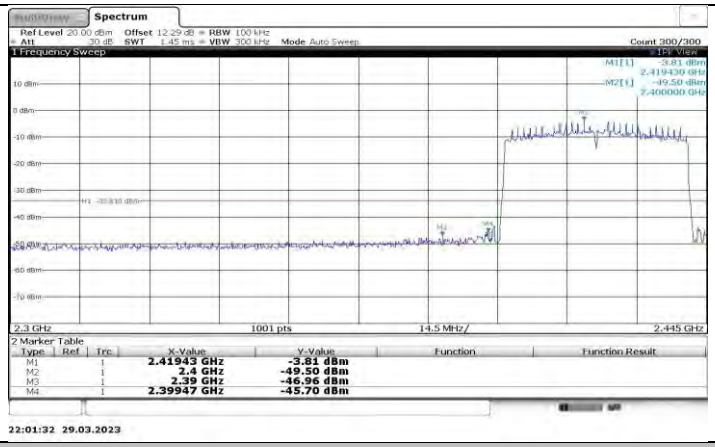
11AX20MIMO_Ant1_High_2462



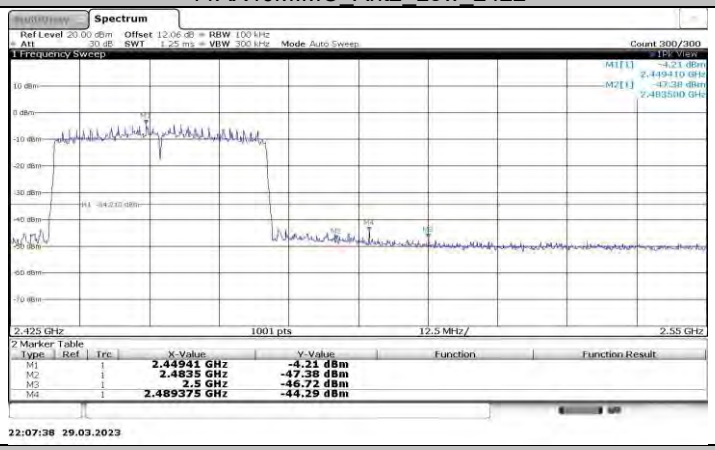
11AX20MIMO_Ant2_High_2462



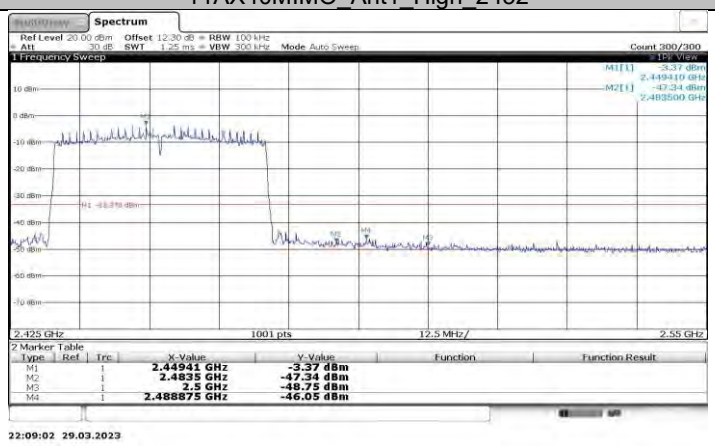
11AX40MIMO_Ant1_Low_2422



11AX40MIMO_Ant2_Low_2422



11AX40MIMO_Ant1_High_2452



11AX40MIMO_Ant2_High_2452

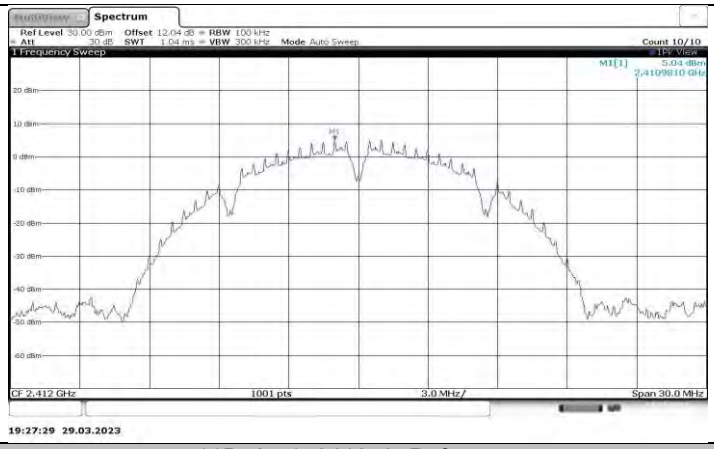
11.6. APPENDIX F: CONDUCTED SPURIOUS EMISSION

11.6.1. Test Result

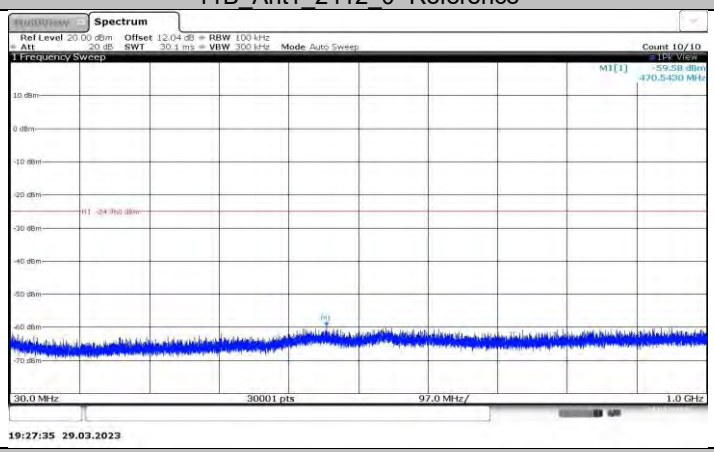
Test Mode	Antenna	Channel	FreqRange [Mhz]	Result [dBm]	Limit [dBm]	Verdict
11B	Ant1	2412	Reference	5.04	---	PASS
			30~1000	-59.58	≤-24.96	PASS
			1000~26500	-39.1	≤-24.96	PASS
	Ant2	2412	Reference	5.57	---	PASS
			30~1000	-58.83	≤-24.43	PASS
			1000~26500	-37.99	≤-24.43	PASS
	Ant1	2437	Reference	5.24	---	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
			1000~26500	-37.38	≤-27.26	PASS
	Ant2	2437	Reference	2.80	---	PASS
			30~1000	-59.13	≤-27.2	PASS
			1000~26500	-38.79	≤-27.2	PASS
	Ant1	2462	Reference	2.63	---	PASS
			30~1000	-58.27	≤-27.37	PASS
			1000~26500	-38.91	≤-27.37	PASS
	Ant2	2462	Reference	3.16	---	PASS
			30~1000	-58.63	≤-26.84	PASS
			1000~26500	-38.65	≤-26.84	PASS
11N40MIMO	Ant1	2422	Reference	-0.34	---	PASS
			30~1000	-58.78	≤-30.34	PASS
			1000~26500	-38.7	≤-30.34	PASS
	Ant2	2422	Reference	-0.05	---	PASS
			30~1000	-59.48	≤-30.05	PASS
			1000~26500	-37.98	≤-30.05	PASS
	Ant1	2437	Reference	-0.50	---	PASS
			30~1000	-59.39	≤-30.5	PASS

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

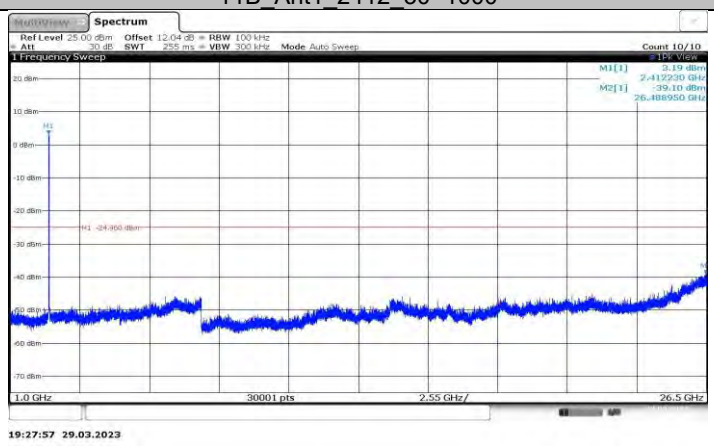
11.6.2. Test Graphs



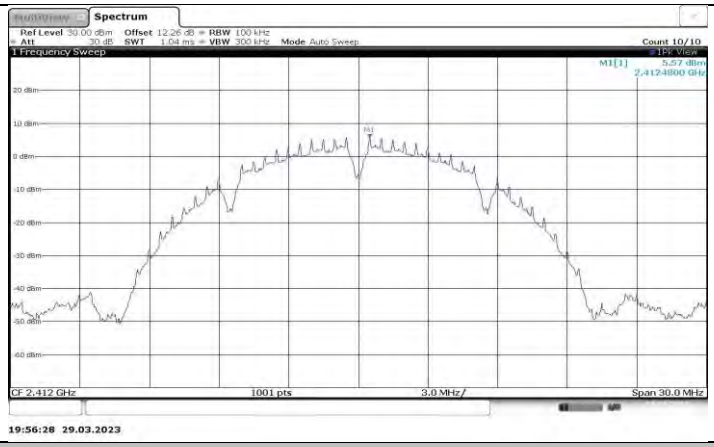
11B_Ant1_2412_0~Reference



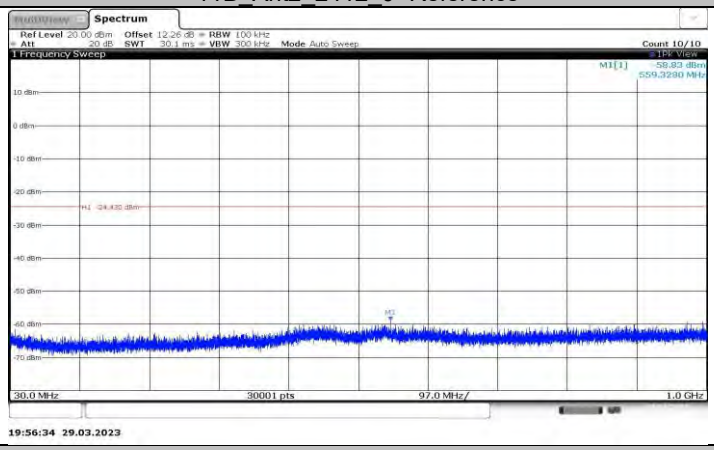
11B_Ant1_2412_30~1000



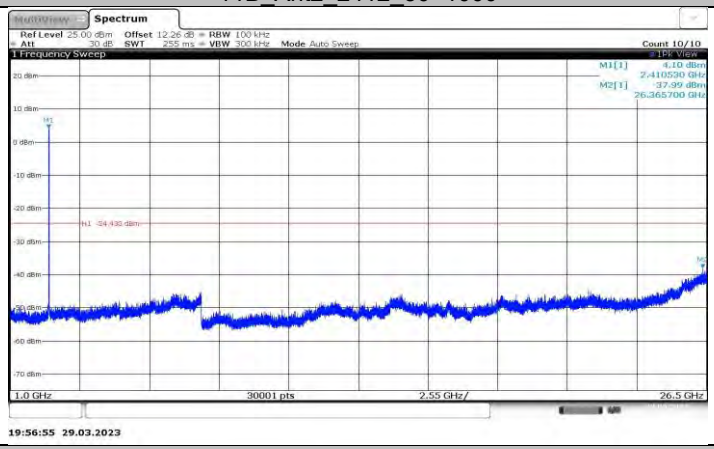
11B_Ant1_2412_1000~26500



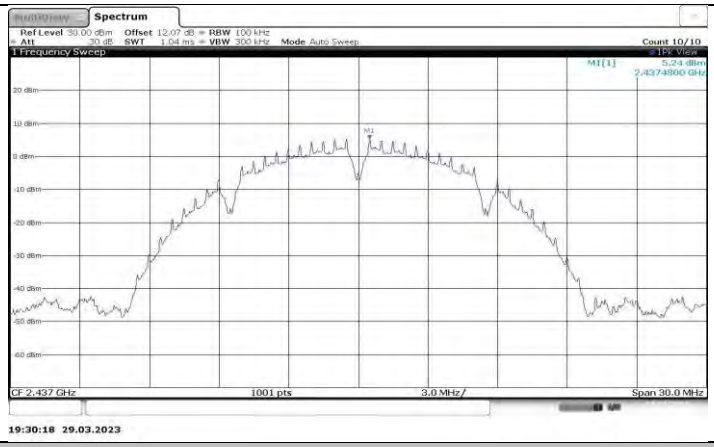
11B_Ant2_2412_0~Reference



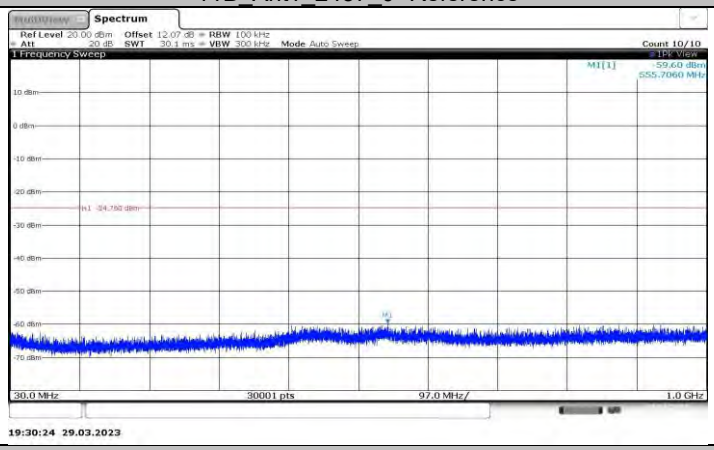
11B_Ant2_2412_30~1000



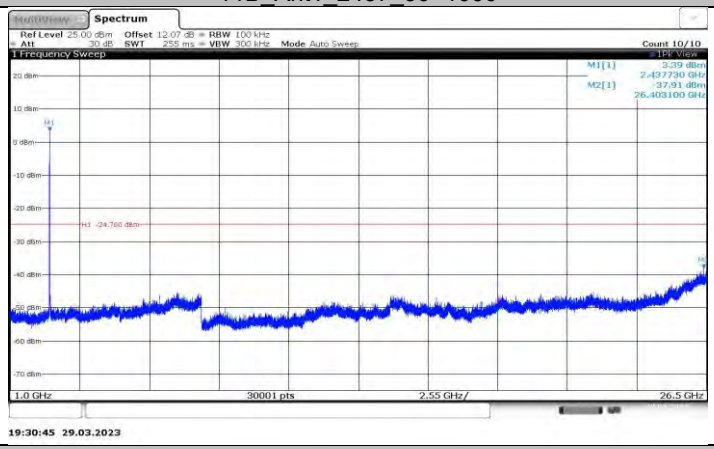
11B_Ant2_2412_1000~26500



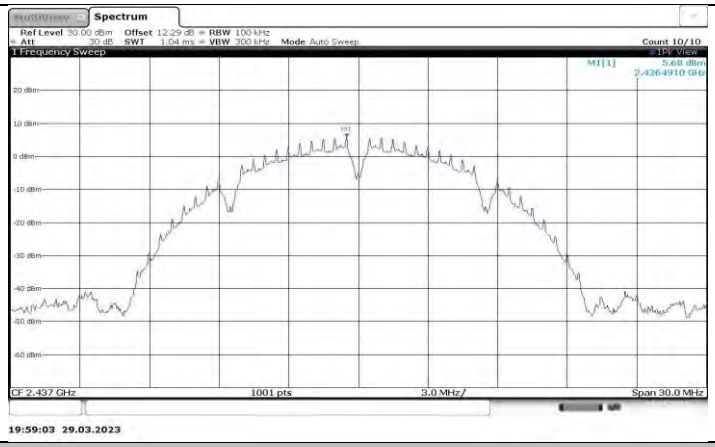
11B_Ant1_2437_0~Reference



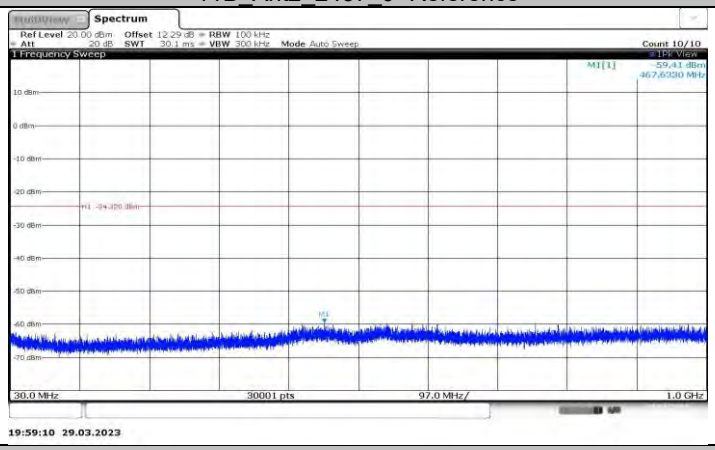
11B_Ant1_2437_30~1000



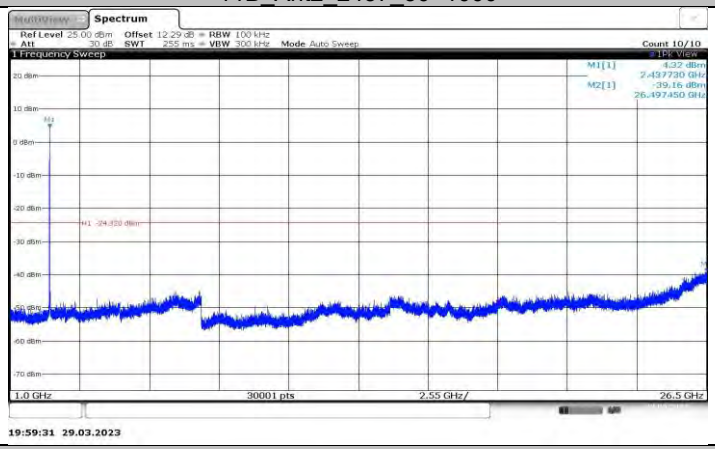
11B_Ant1_2437_1000~26500



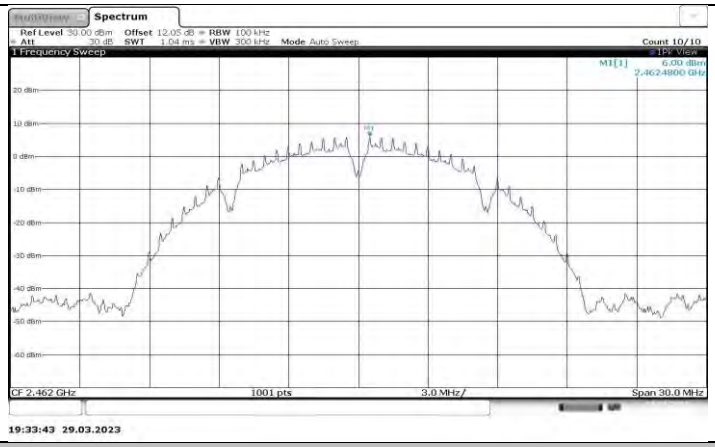
11B_Ant2_2437_0~Reference



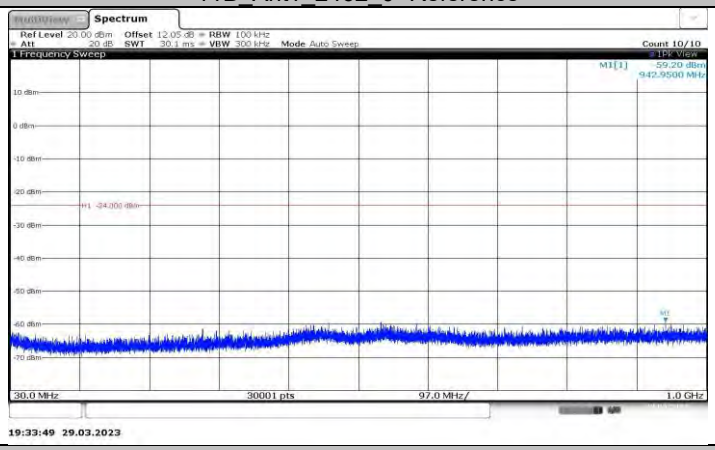
11B_Ant2_2437_30~1000



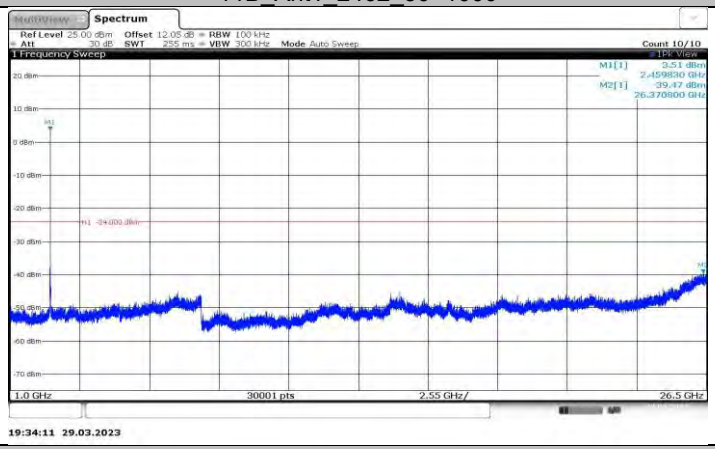
11B_Ant2_2437_1000~26500



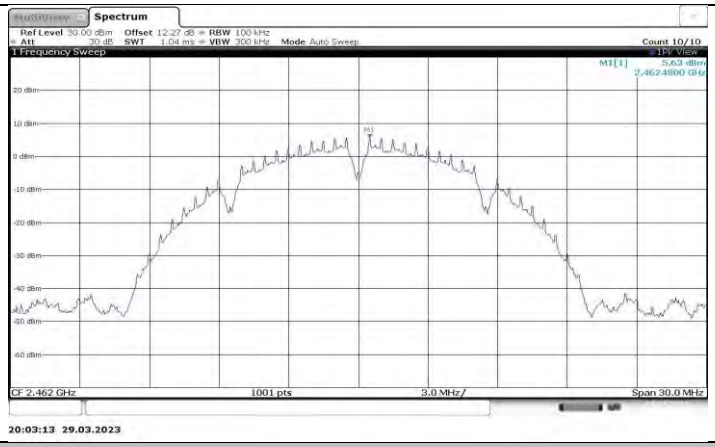
11B_Ant1_2462_0~Reference



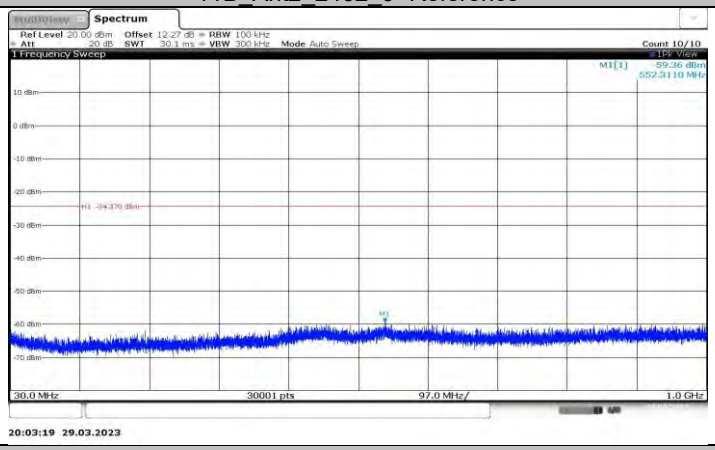
11B_Ant1_2462_30~1000



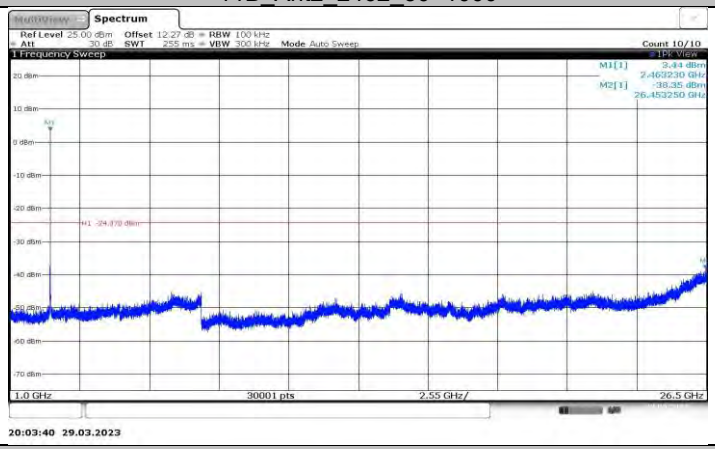
11B_Ant1_2462_1000~26500



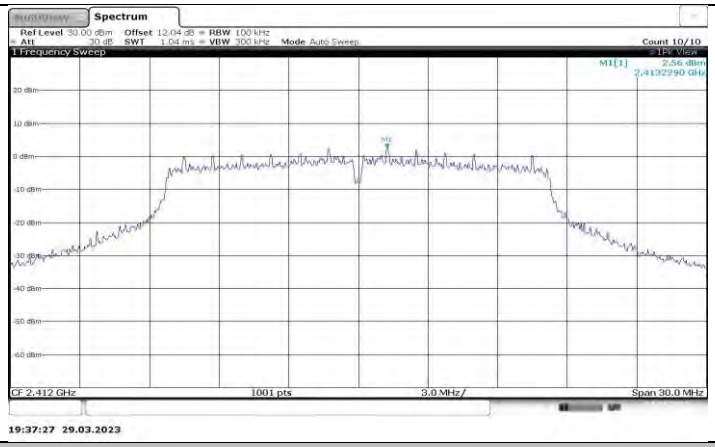
11B_Ant2_2462_0~Reference



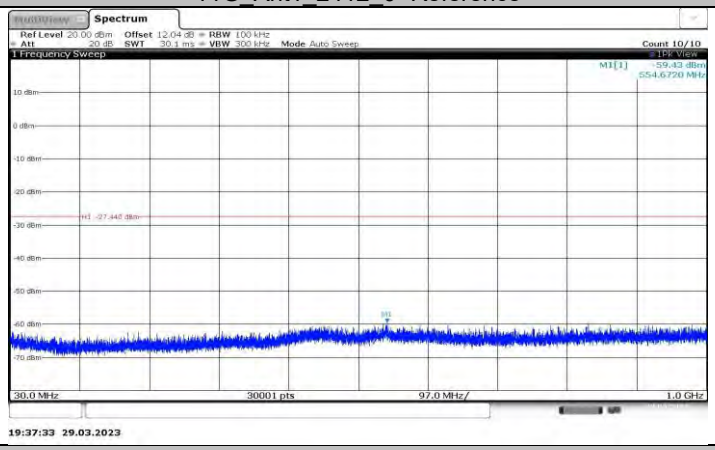
11B_Ant2_2462_30~1000



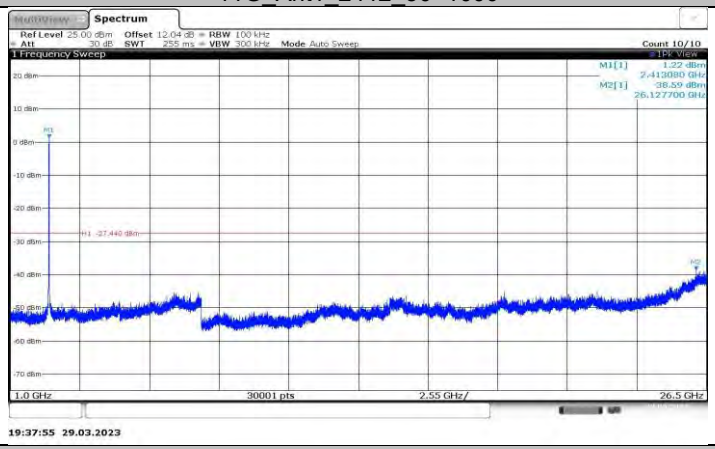
11B_Ant2_2462_1000~26500



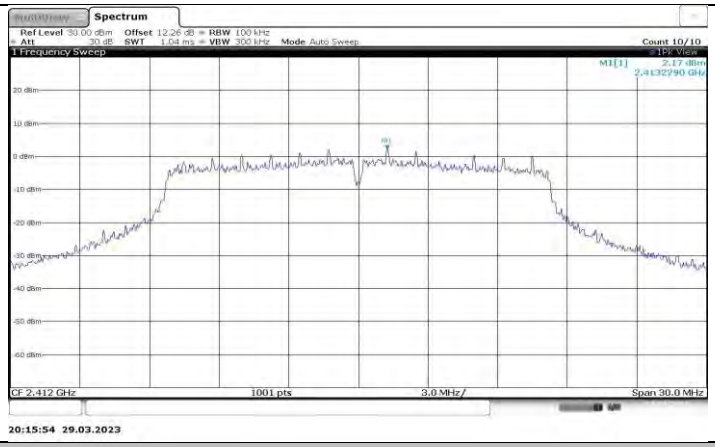
11G_Ant1_2412_0~Reference



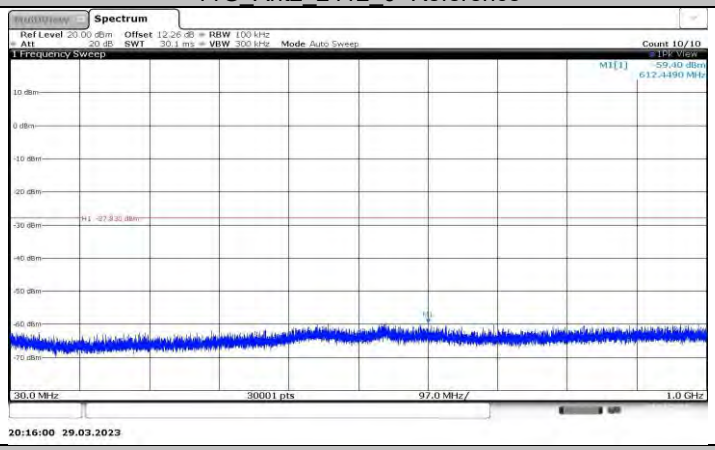
11G_Ant1_2412_30~1000



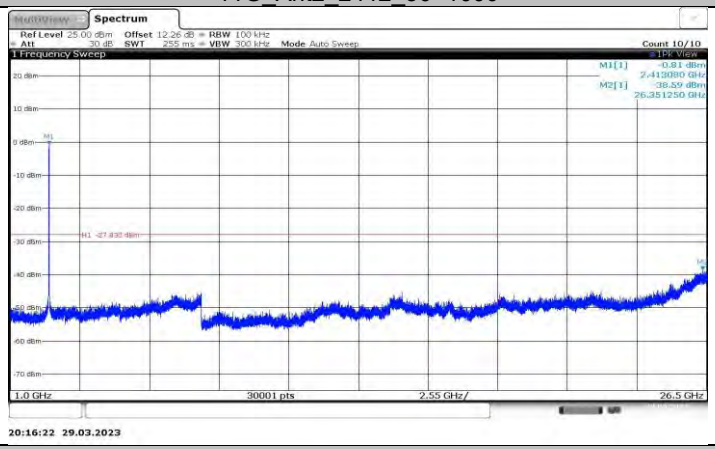
11G_Ant1_2412_1000~26500



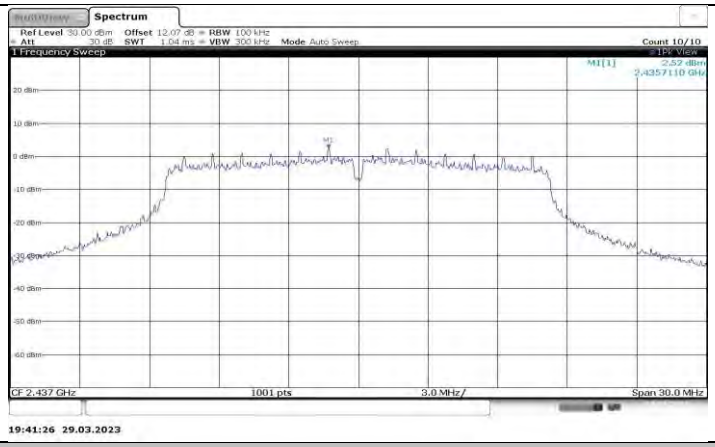
11G_Ant2_2412_0~Reference



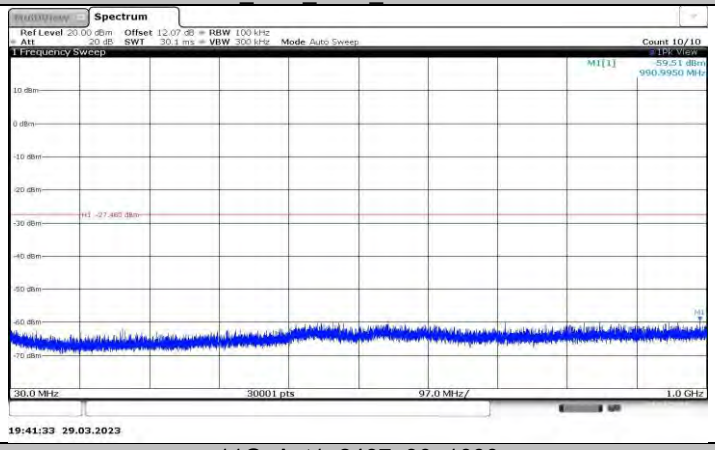
11G_Ant2_2412_30~1000



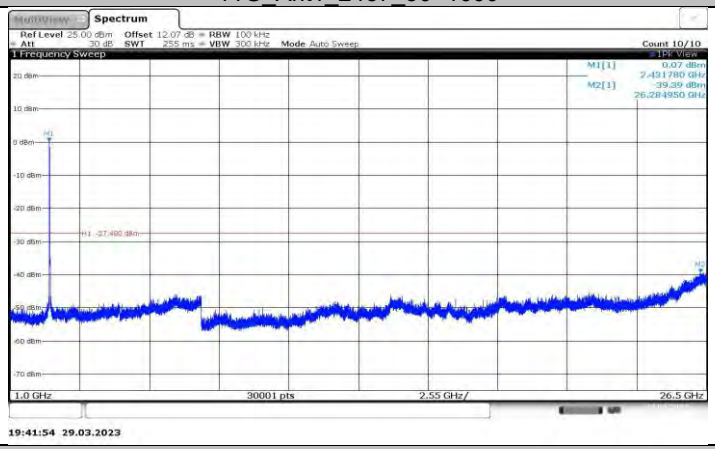
11G_Ant2_2412_1000~26500



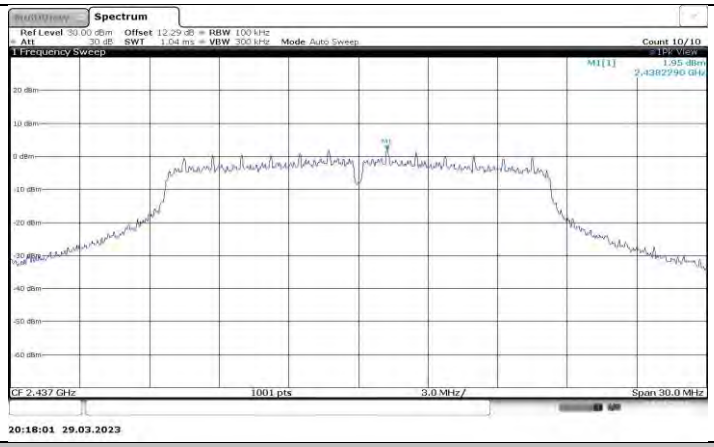
11G_Ant1_2437_0~Reference



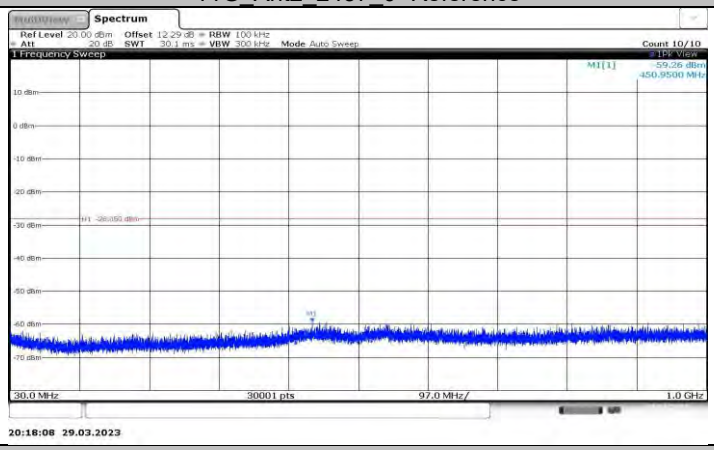
11G_Ant1_2437_30~1000



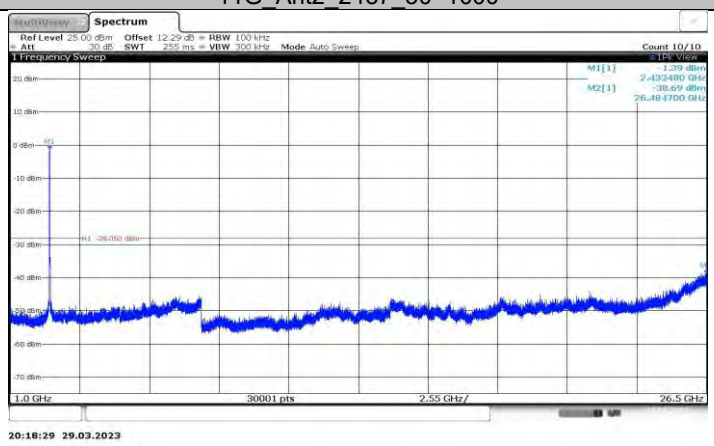
11G_Ant1_2437_1000~26500



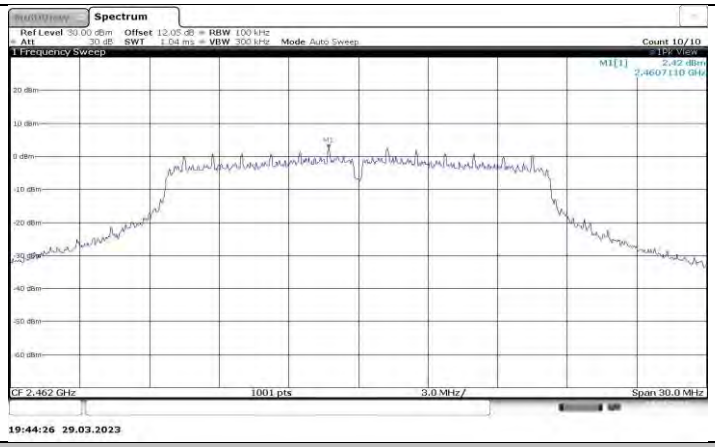
11G_Ant2_2437_0~Reference



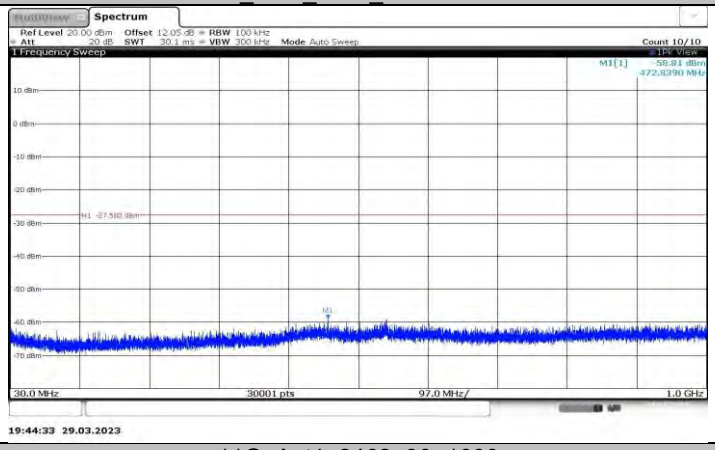
11G_Ant2_2437_30~1000



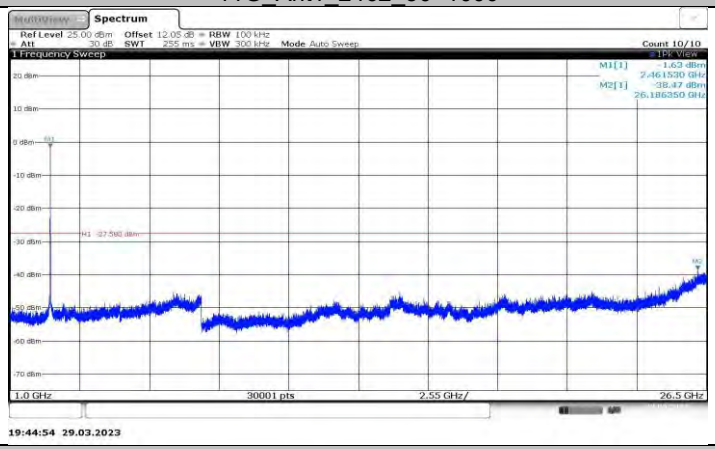
11G_Ant2_2437_1000~26500



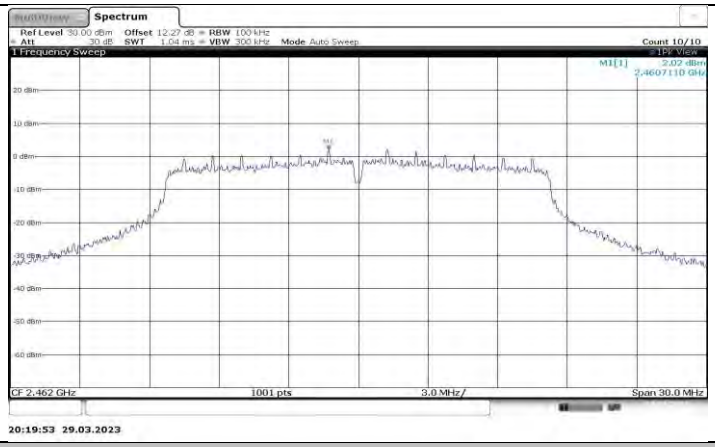
11G_Ant1_2462_0~Reference



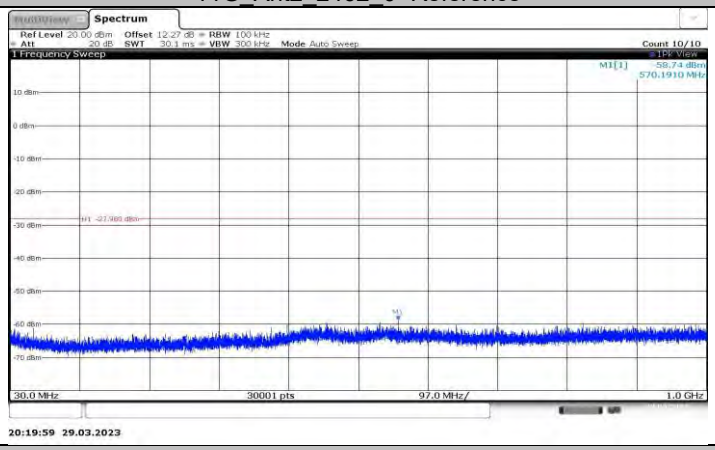
11G_Ant1_2462_30~1000



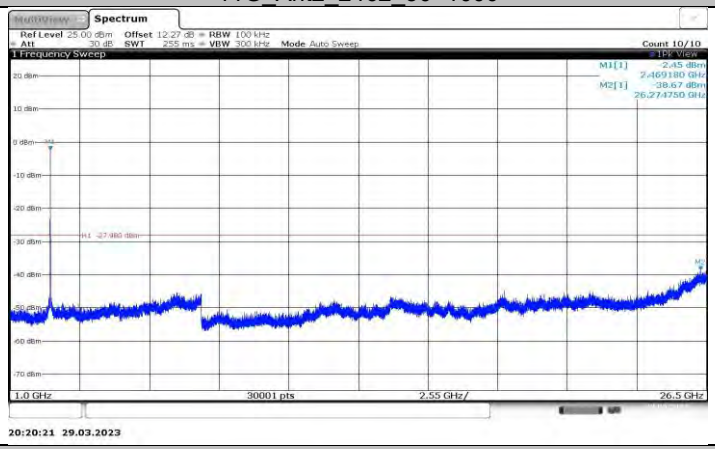
11G_Ant1_2462_1000~26500



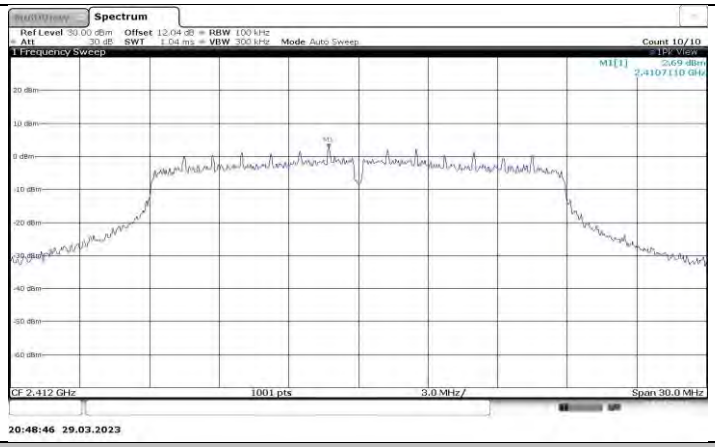
11G_Ant2_2462_0~Reference



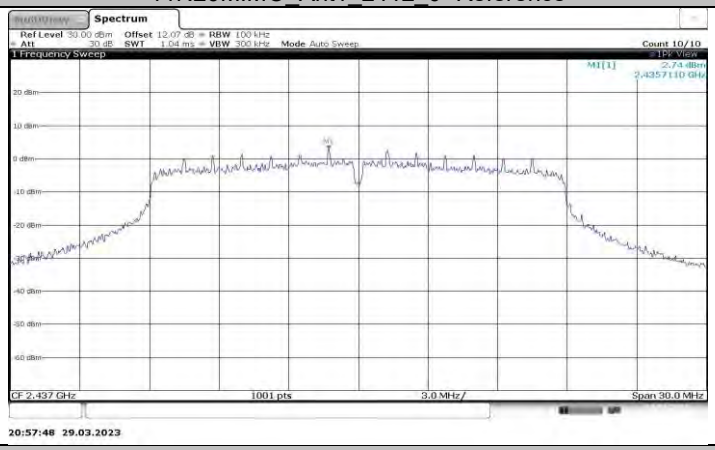
11G_Ant2_2462_30~1000



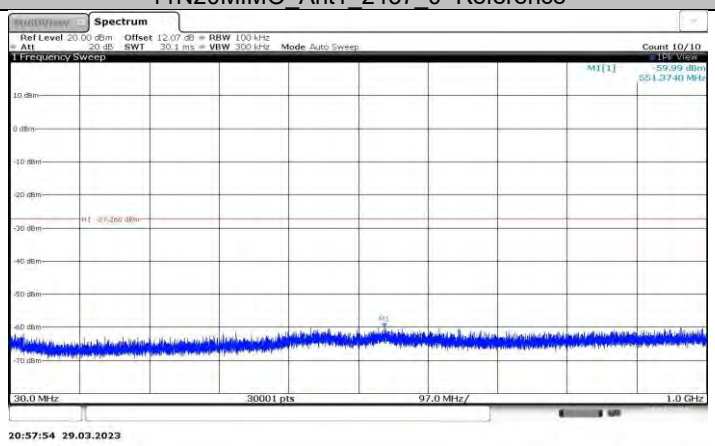
11G_Ant2_2462_1000~26500



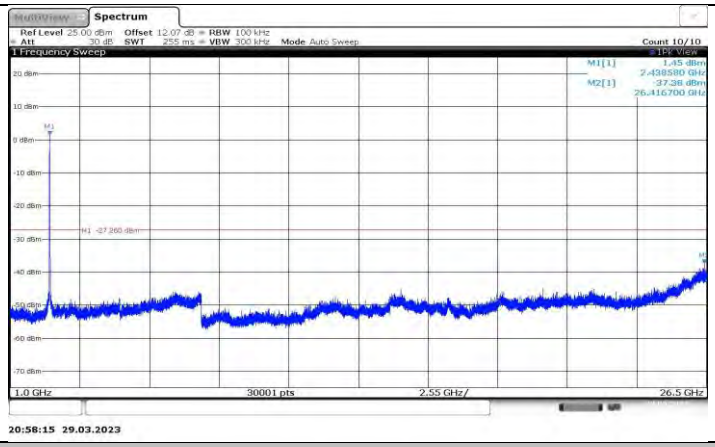
11N20MIMO_Ant1_2412_0~Reference



11N20MIMO_Ant1_2437_0~Reference



11N20MIMO_Ant1_2437_30~1000



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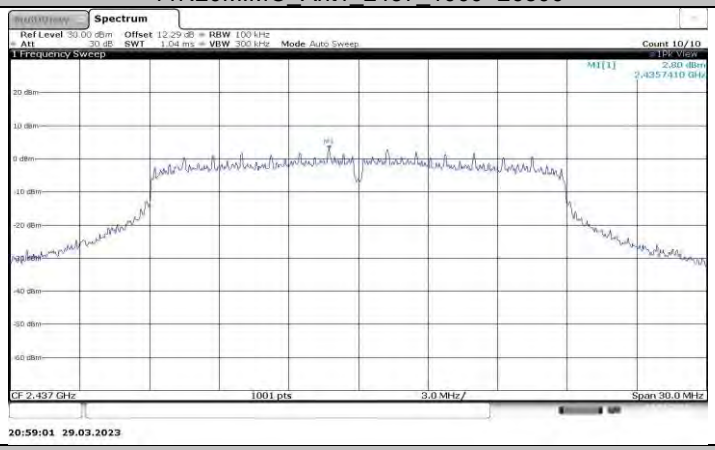
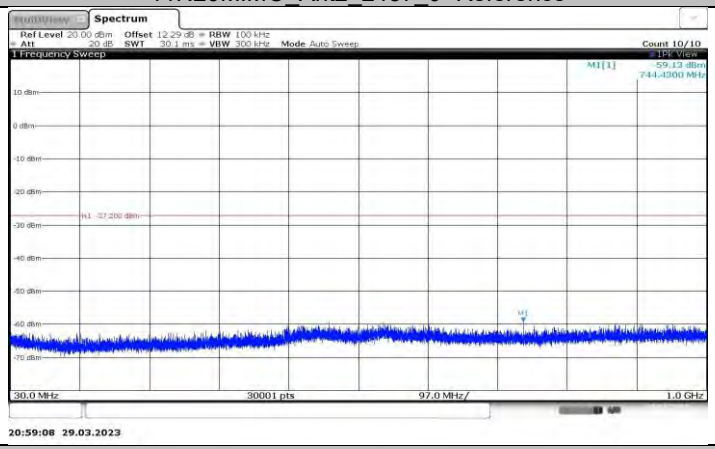
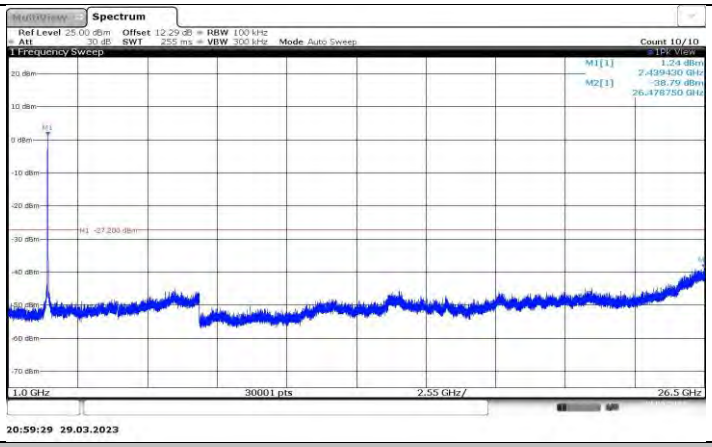


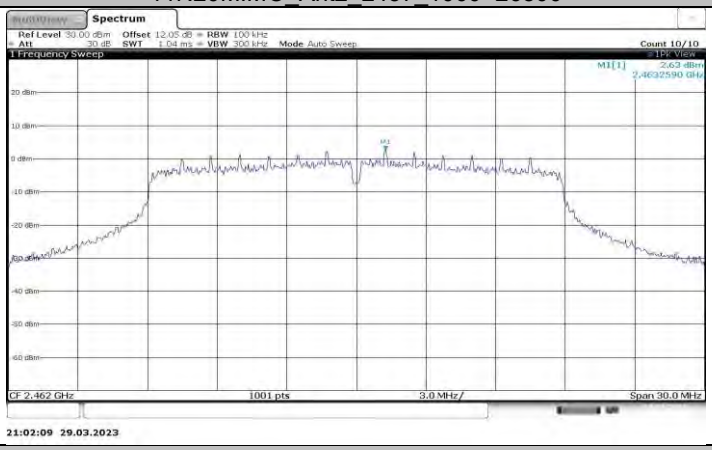
11N20MIMO_Ant2_2437_0~Reference



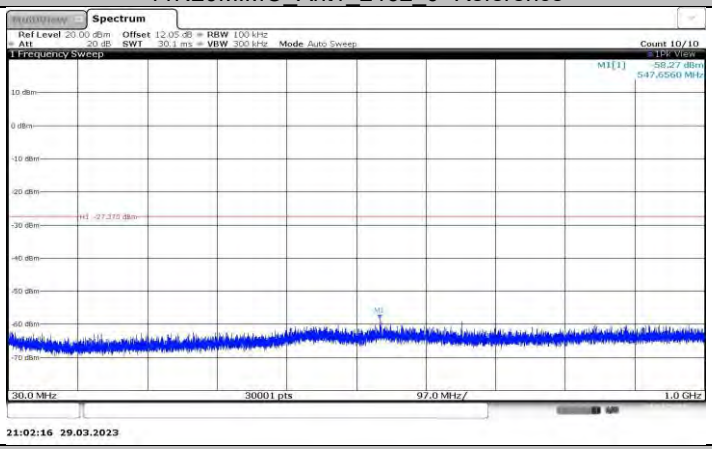
11N20MIMO_Ant2_2437_30~1000



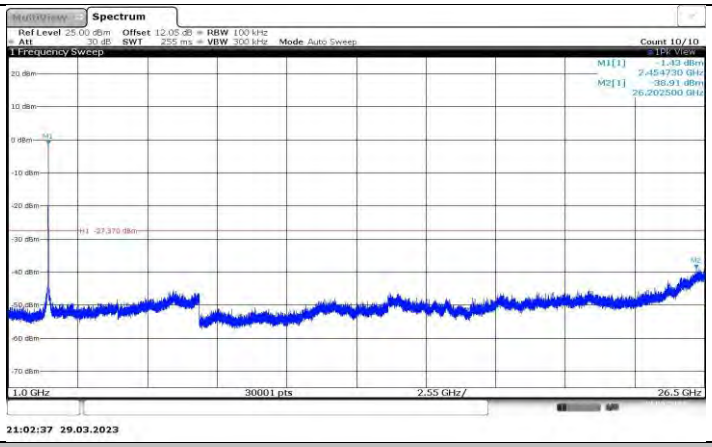
11N20MIMO_Ant2_2437_1000~26500



11N20MIMO_Ant1_2462_0~Reference



11N20MIMO_Ant1_2462_30~1000



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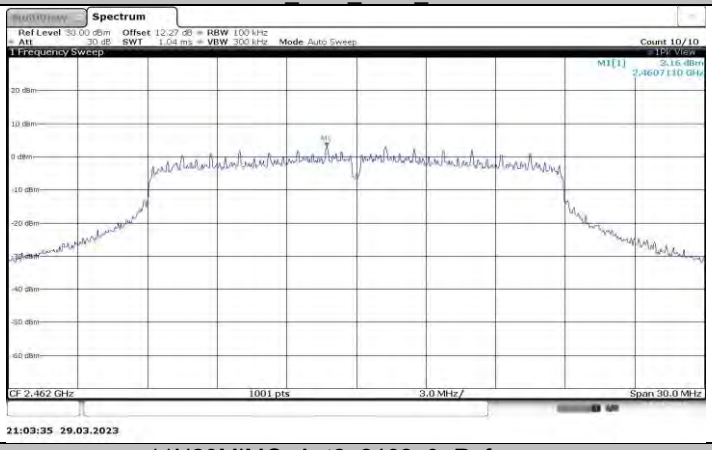

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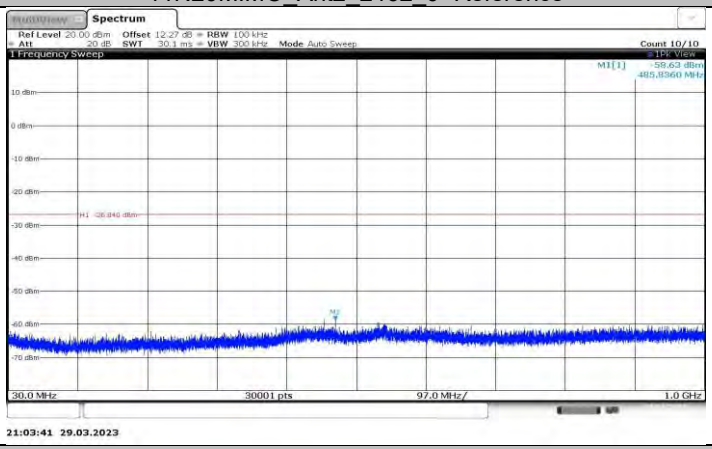
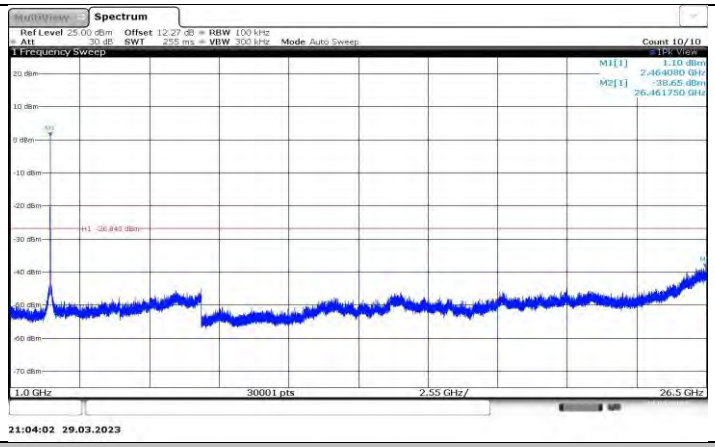
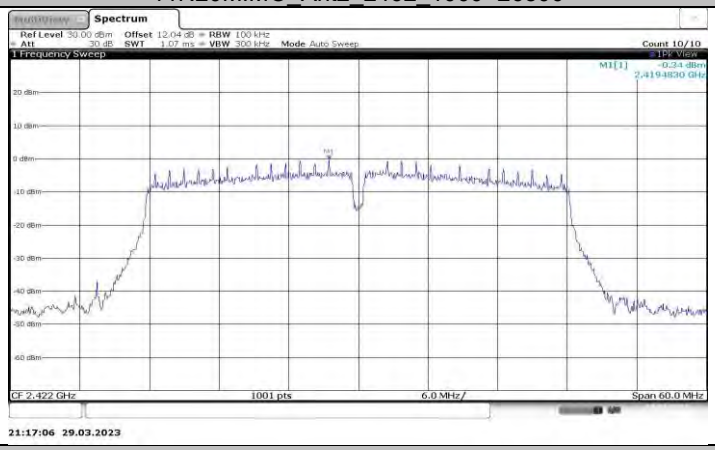


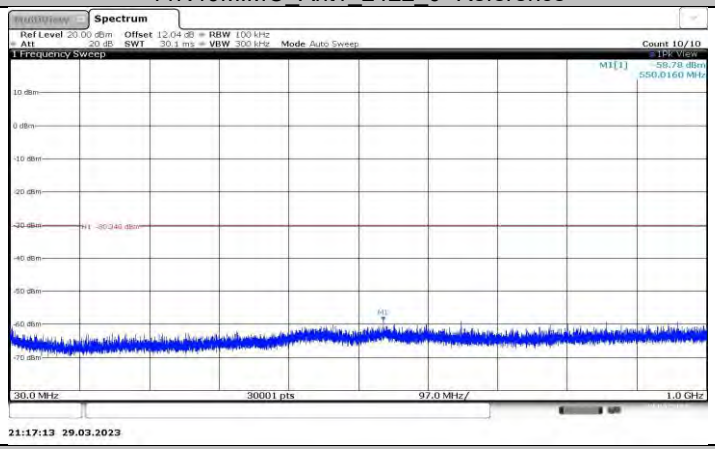
11N20MIMO_Ant2_2462_30~1000



11N20MIMO_Ant2_2462_1000~26500



11N40MIMO_Ant1_2422_0~Reference



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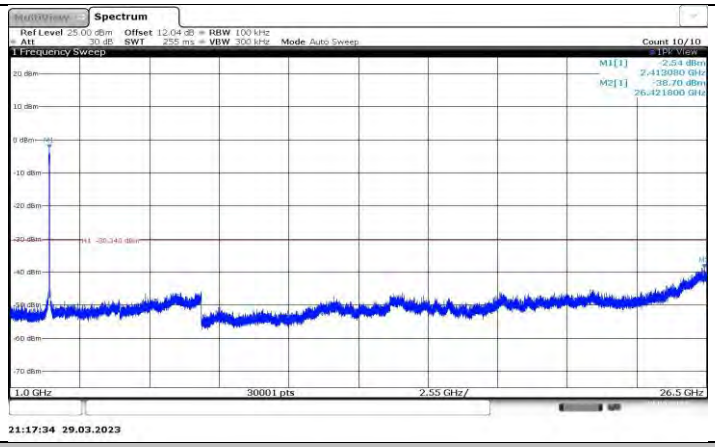

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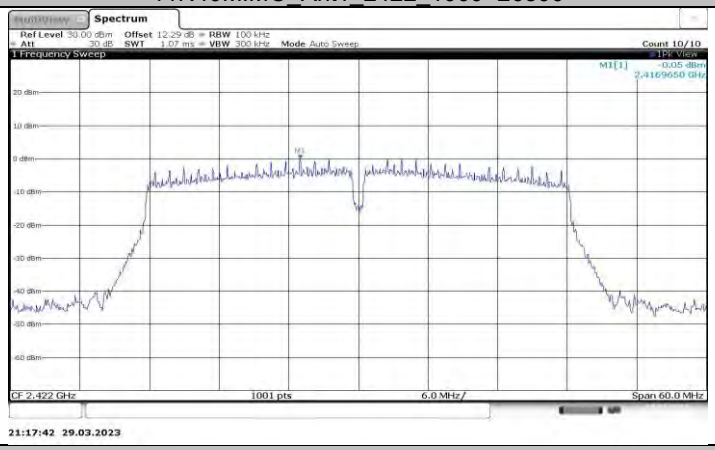

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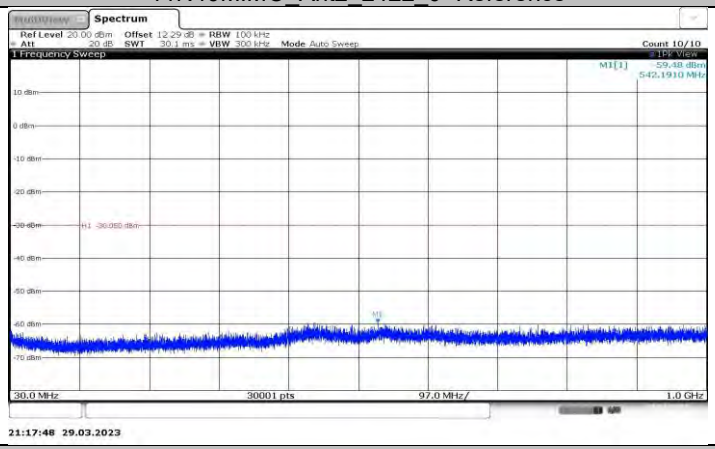
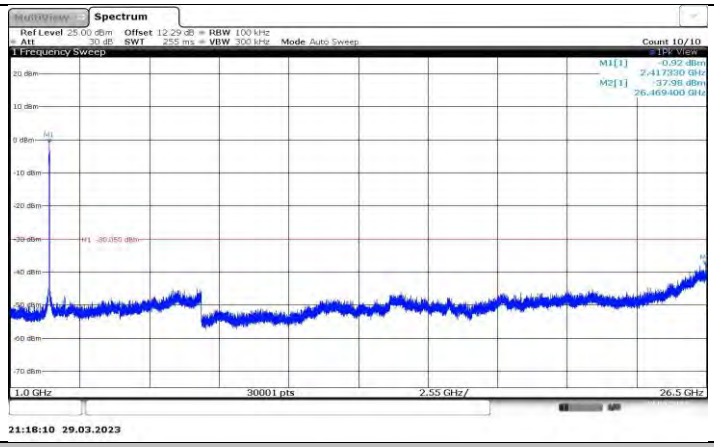


11N40MIMO_Ant2_2422_30~1000



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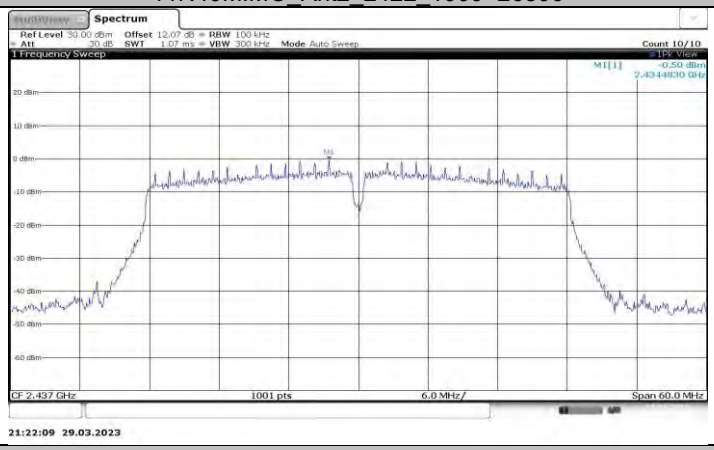

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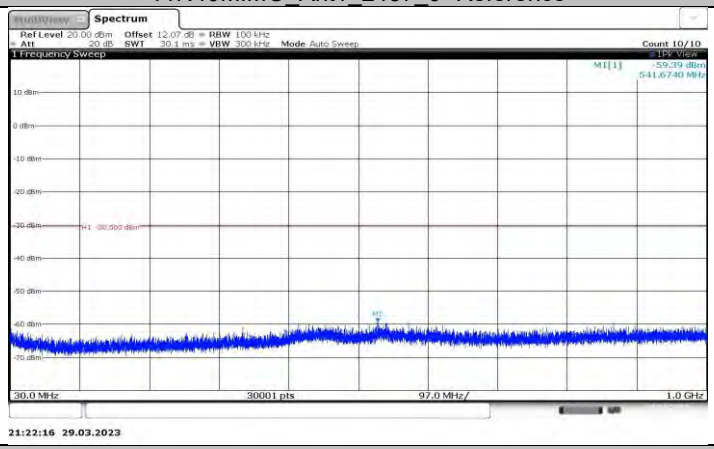

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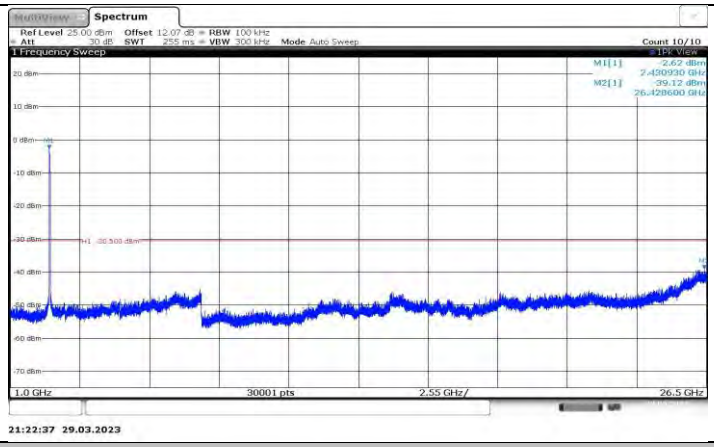

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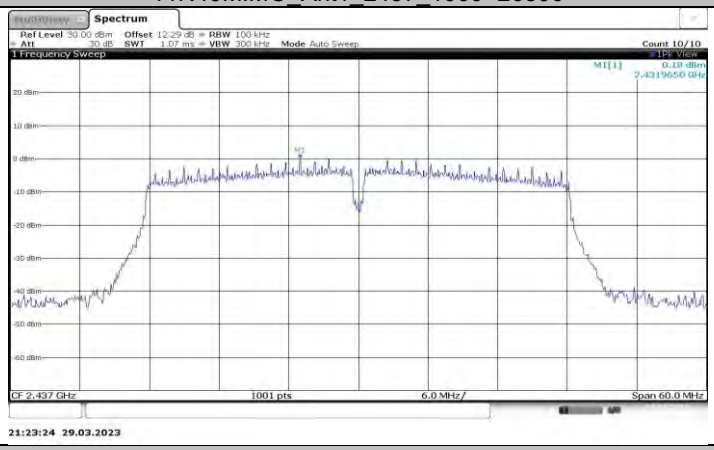

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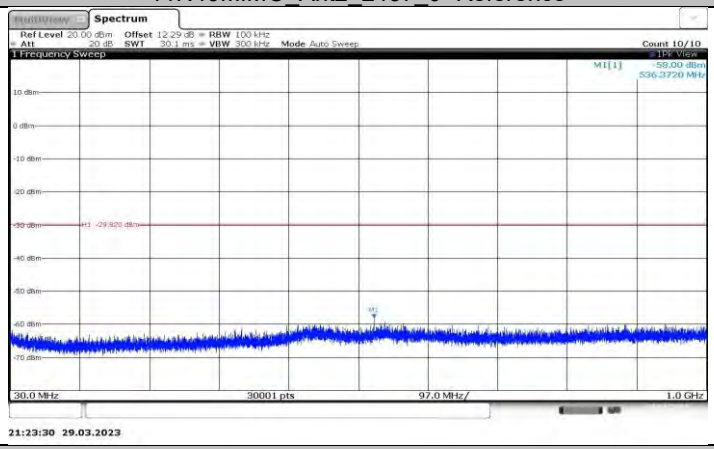
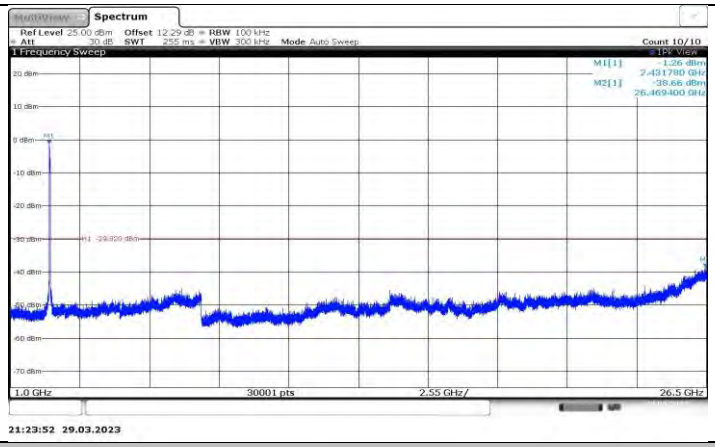


11N40MIMO_Ant2_2437_30~1000



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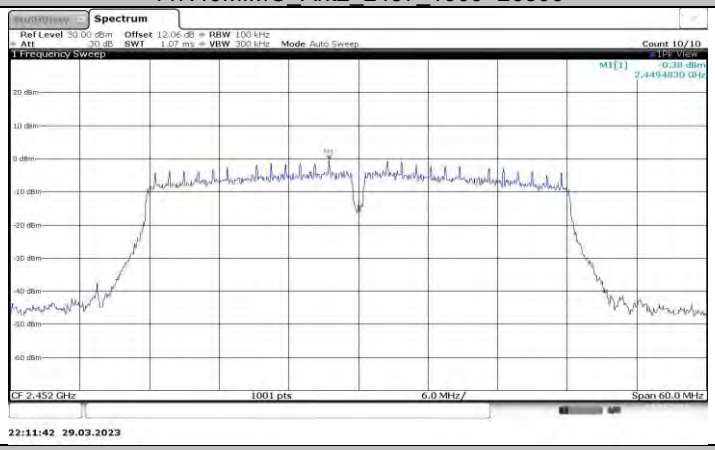

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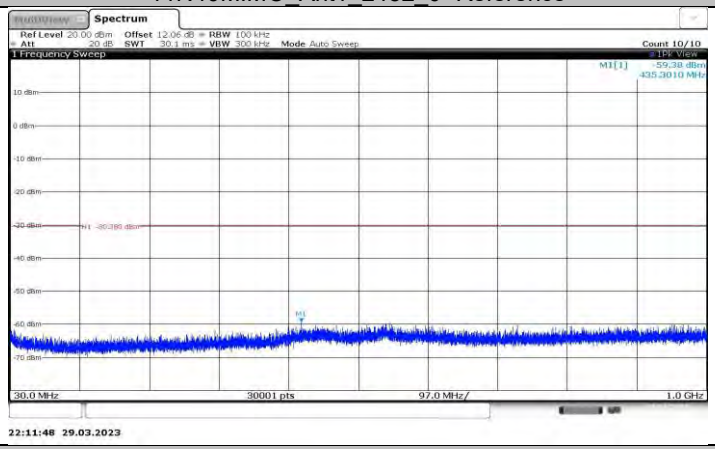
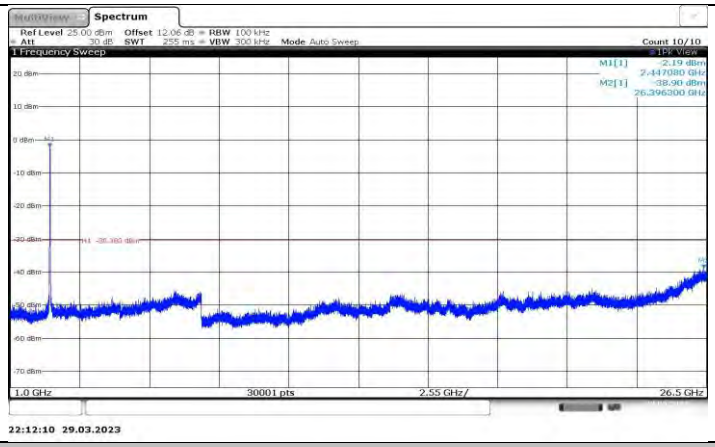


11N40MIMO_Ant1_2452_30~1000



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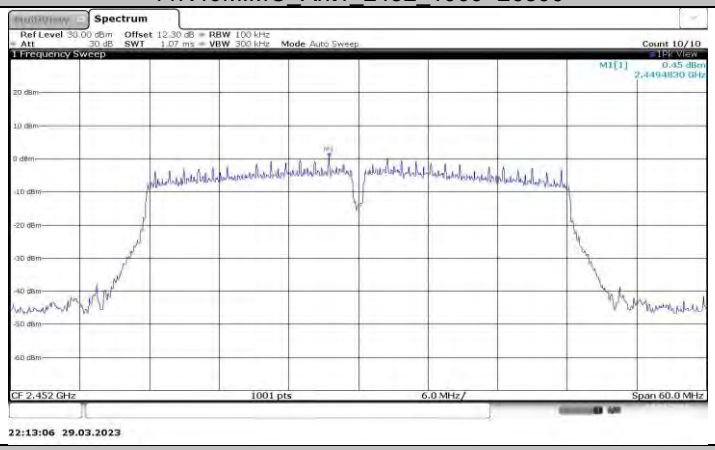

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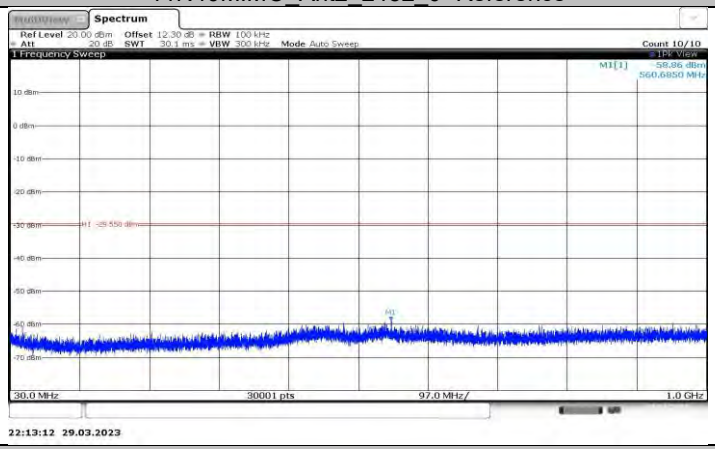
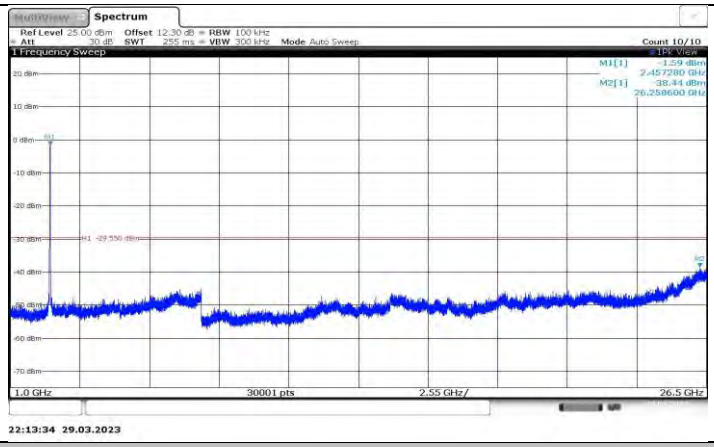
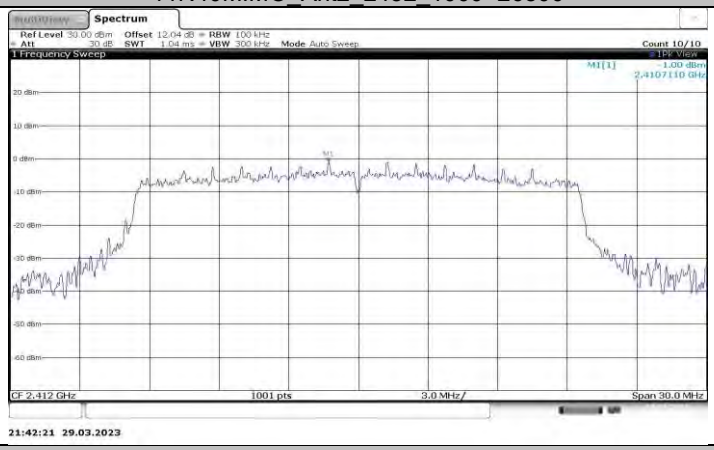


11N40MIMO_Ant2_2452_30~1000



11N40MIMO_Ant2_2452_1000~26500



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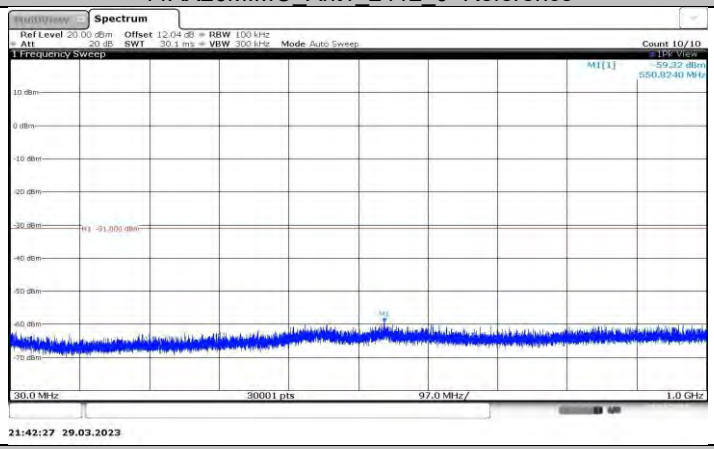
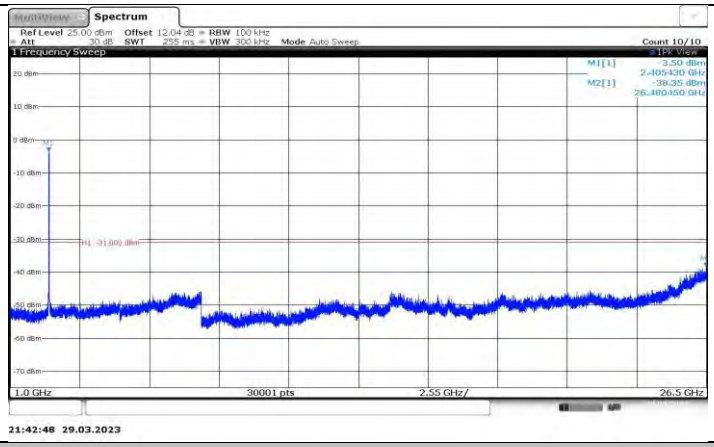
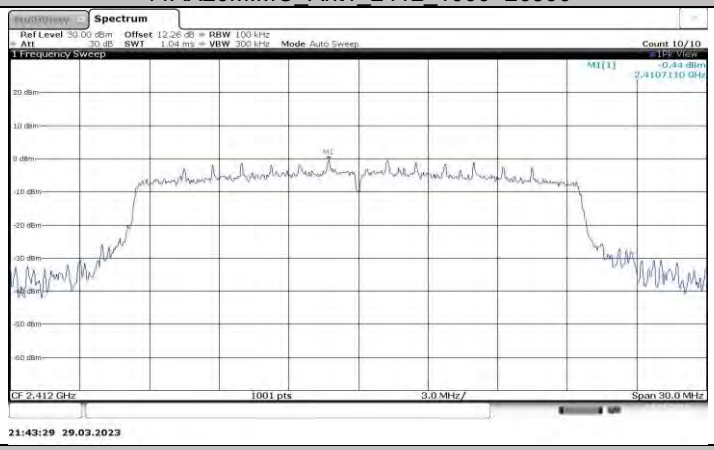


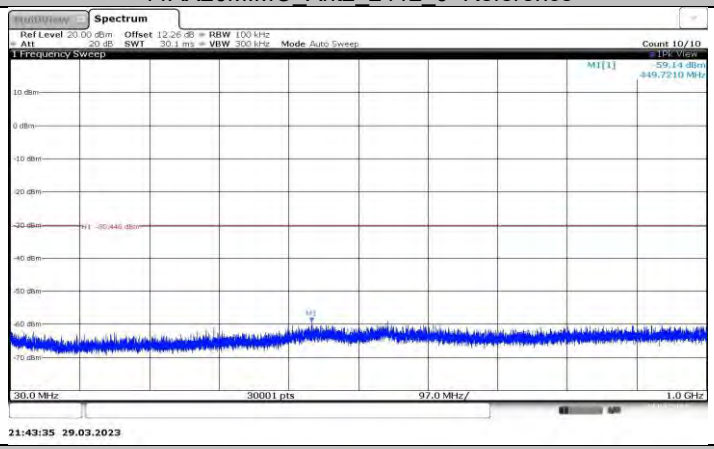
11AX20MIMO_Ant1_2412_30~1000



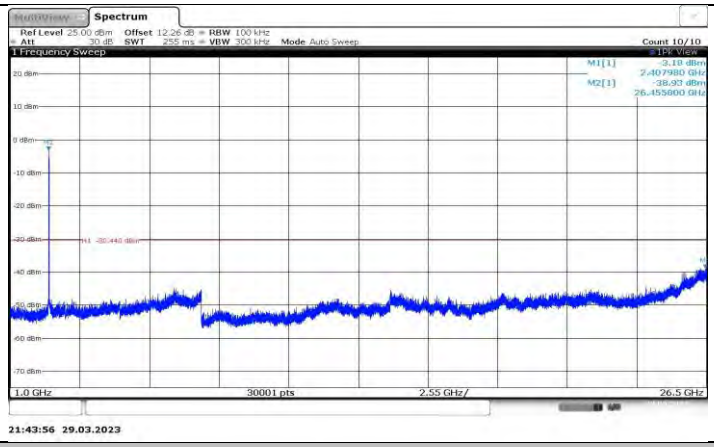
11AX20MIMO_Ant1_2412_1000~26500



11AX20MIMO_Ant2_2412_0~Reference



11AX20MIMO_Ant2_2412_30~1000



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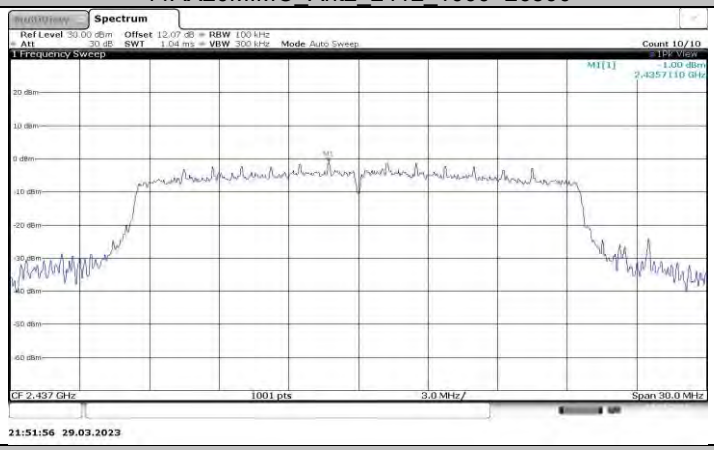

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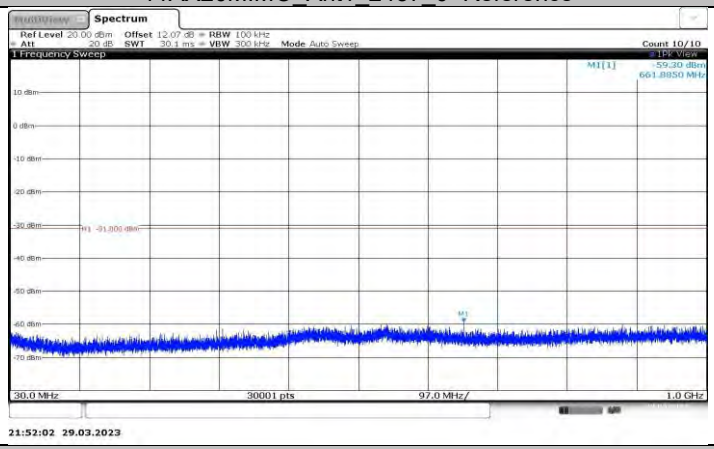
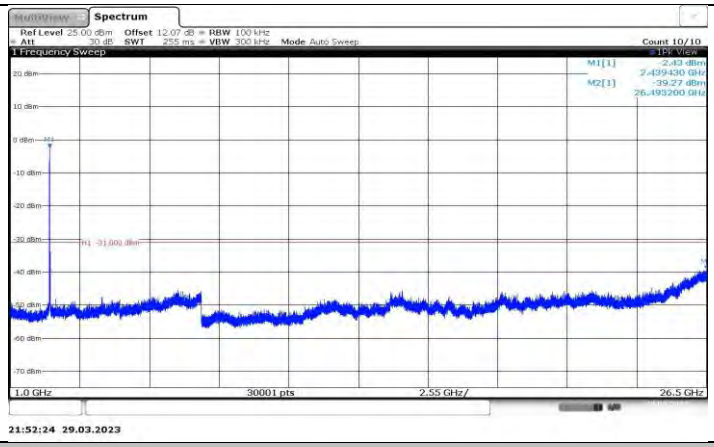
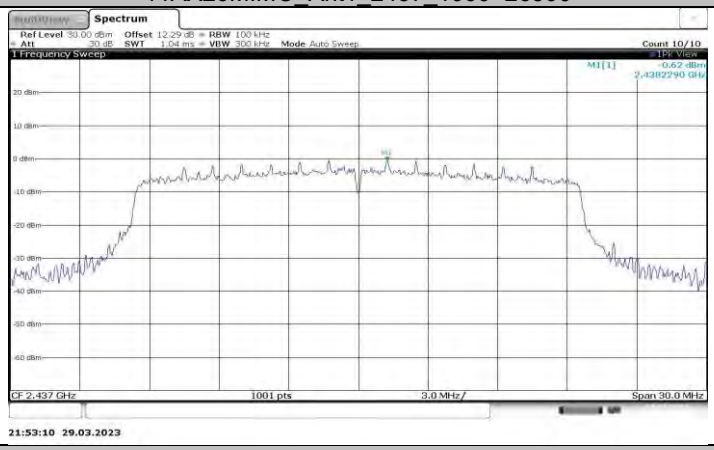


11AX20MIMO_Ant1_2437_30~1000



11AX20MIMO_Ant1_2437_1000~26500



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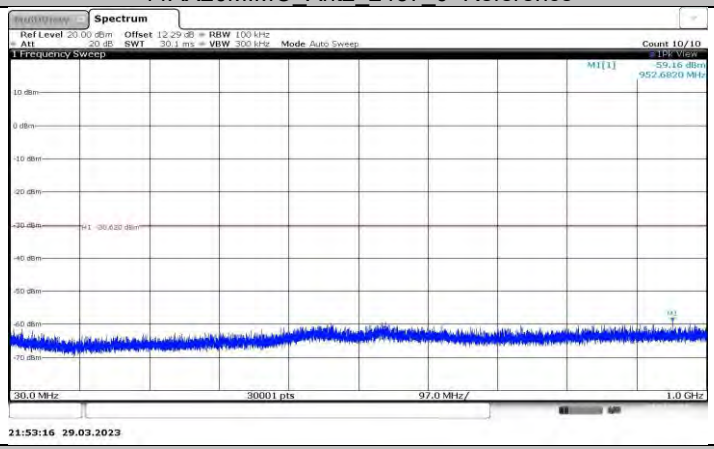
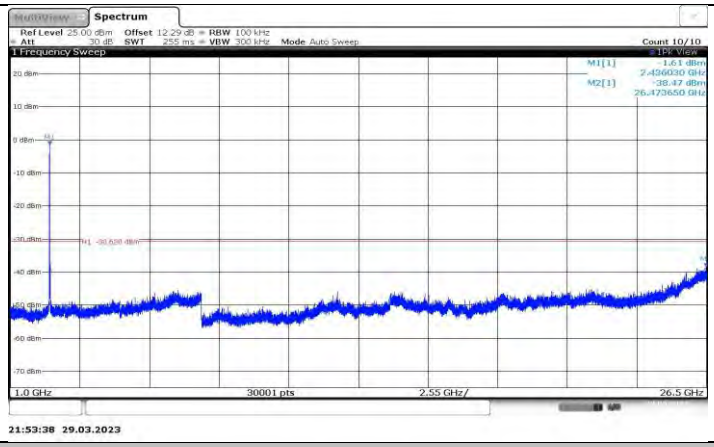
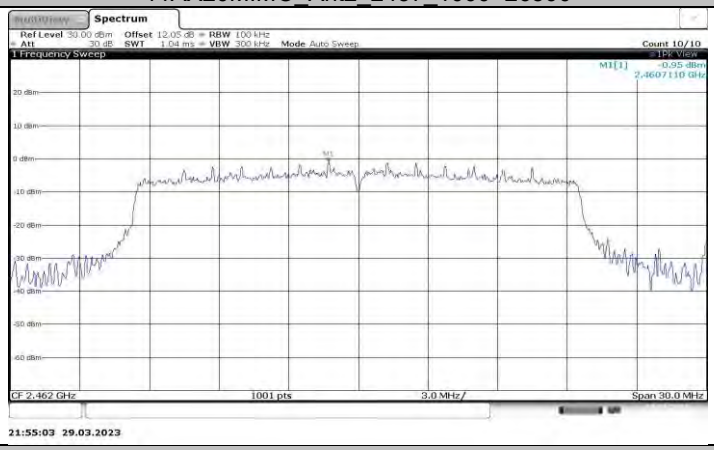


11AX20MIMO_Ant2_2437_30~1000



11AX20MIMO_Ant2_2437_1000~26500



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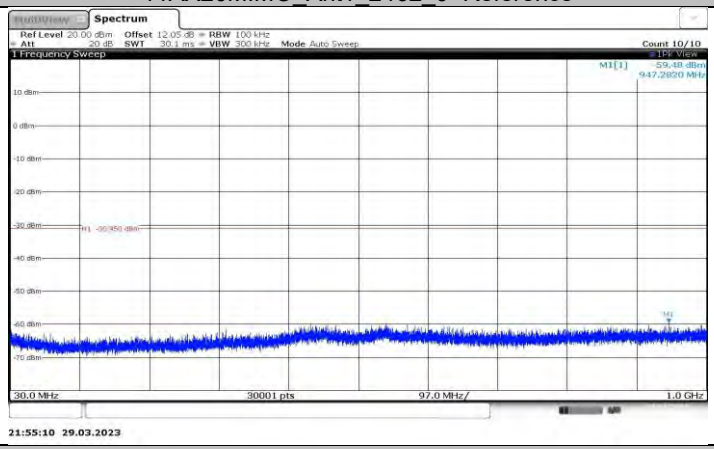
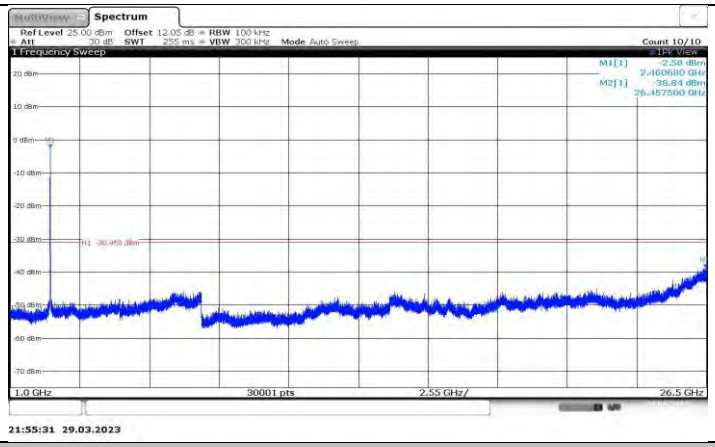
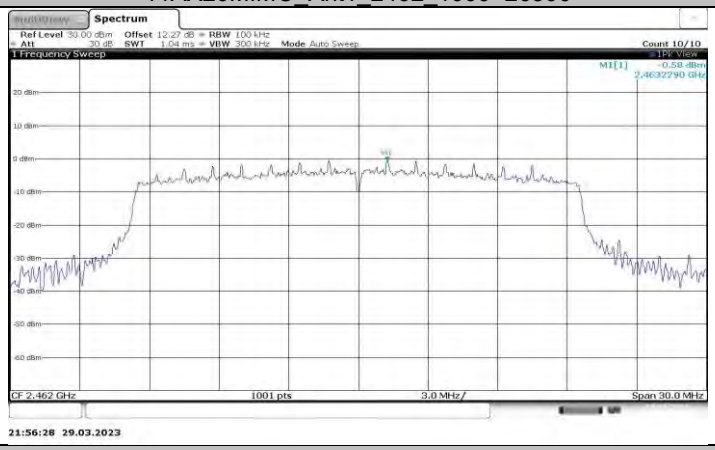


11AX20MIMO_Ant1_2462_30~1000



11AX20MIMO_Ant1_2462_1000~26500



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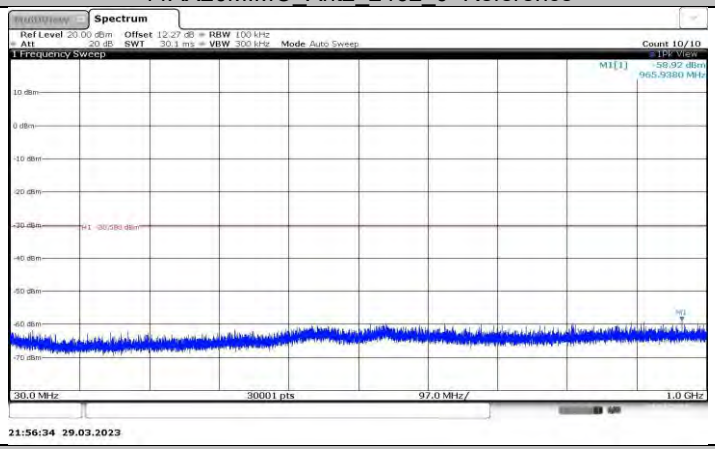

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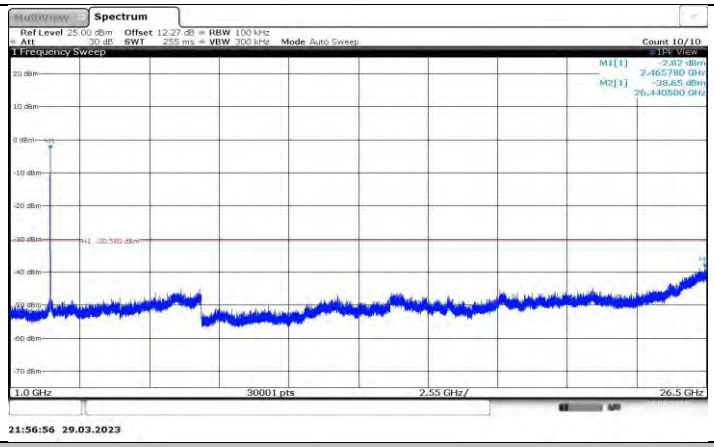

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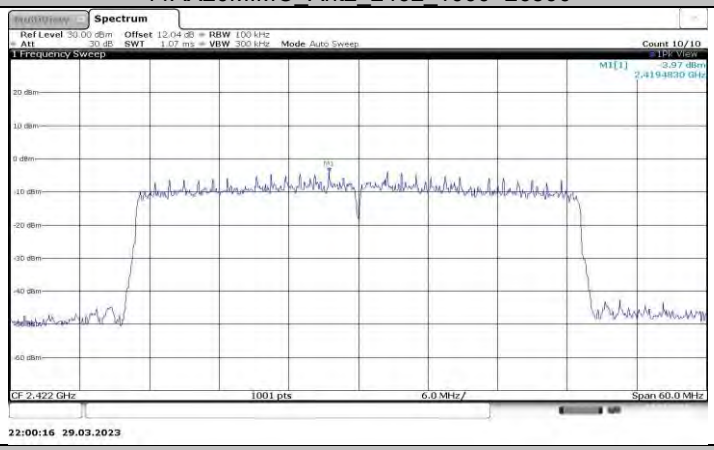

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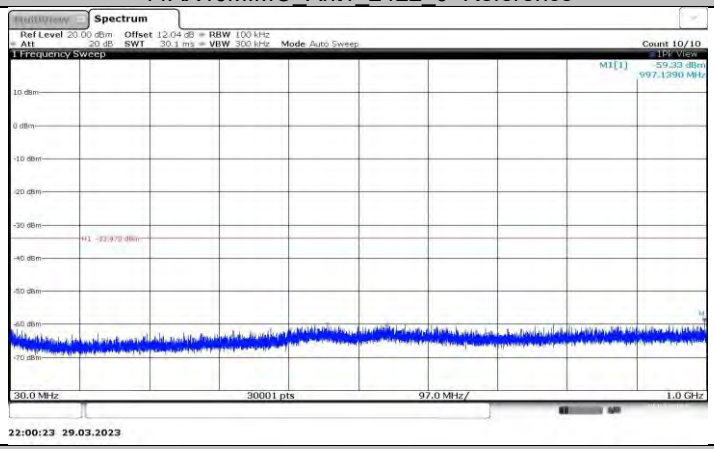

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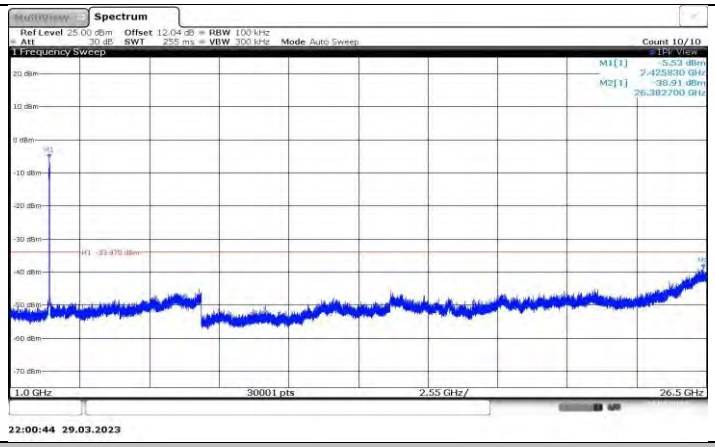

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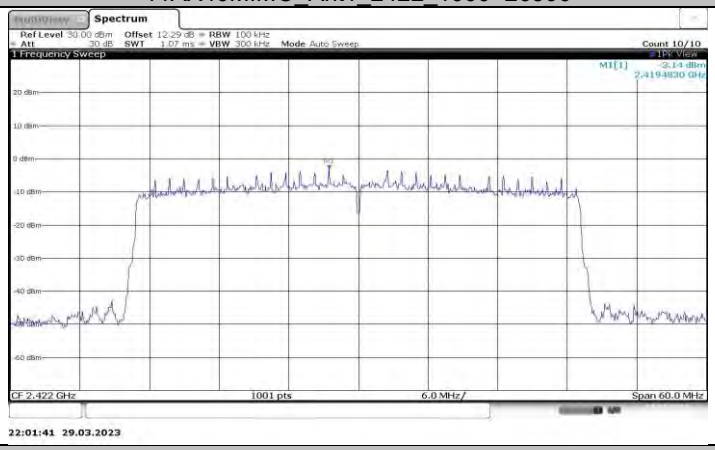

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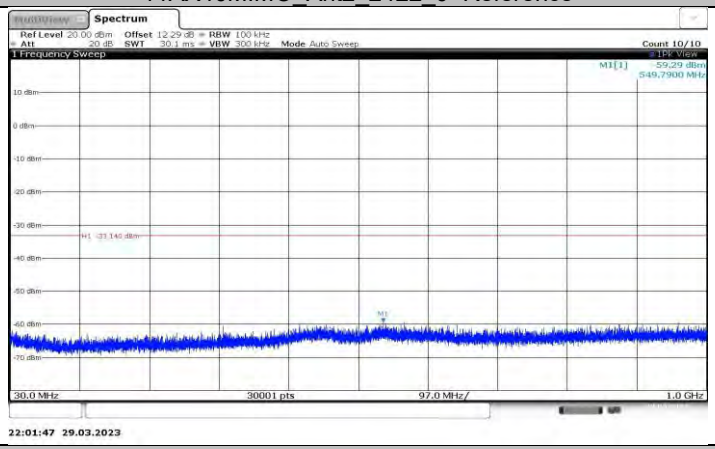

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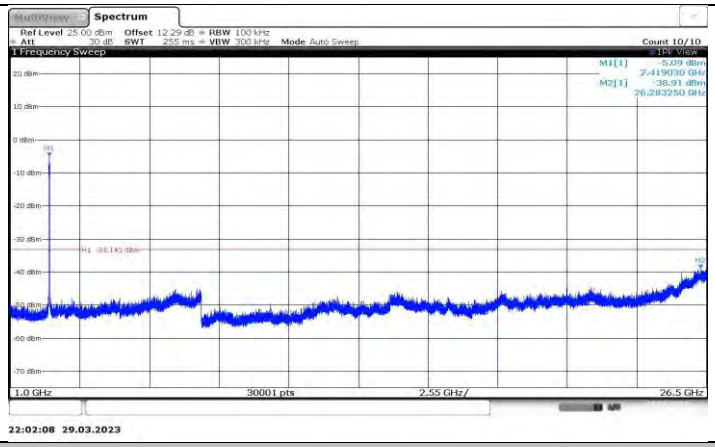

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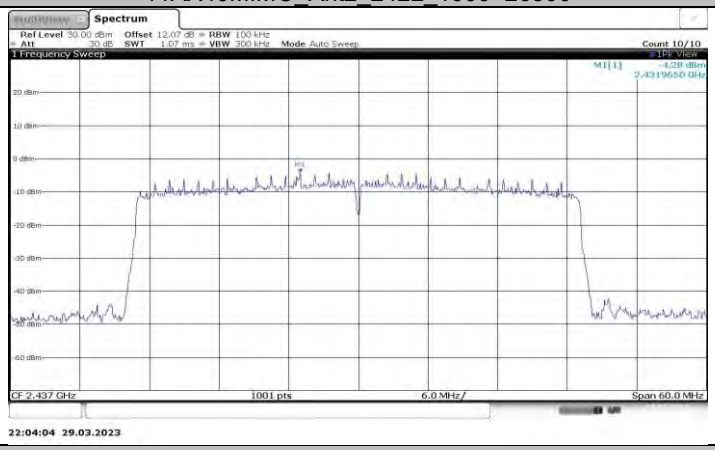

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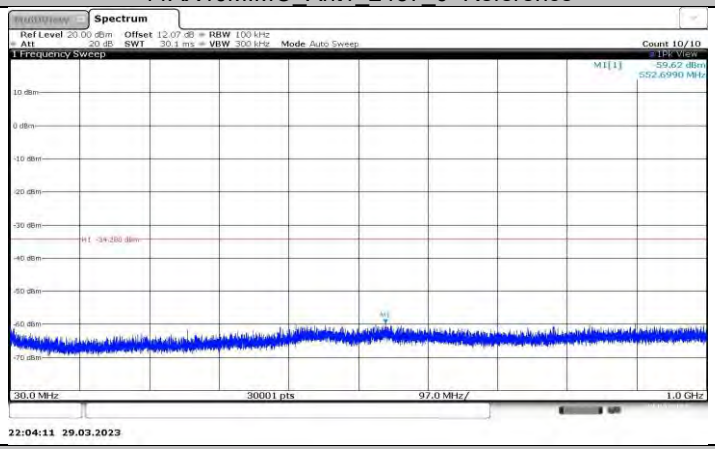

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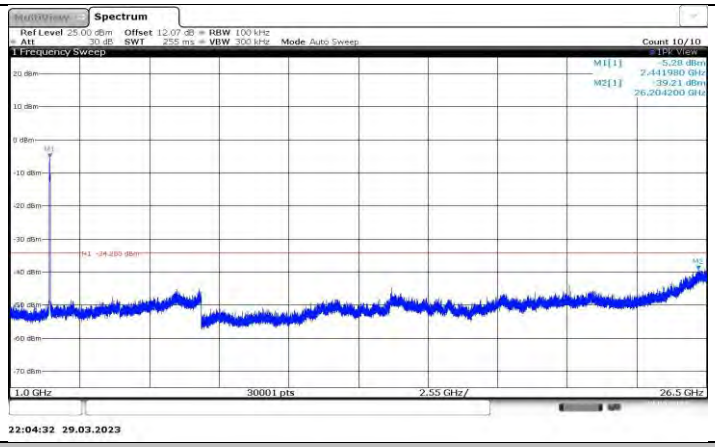

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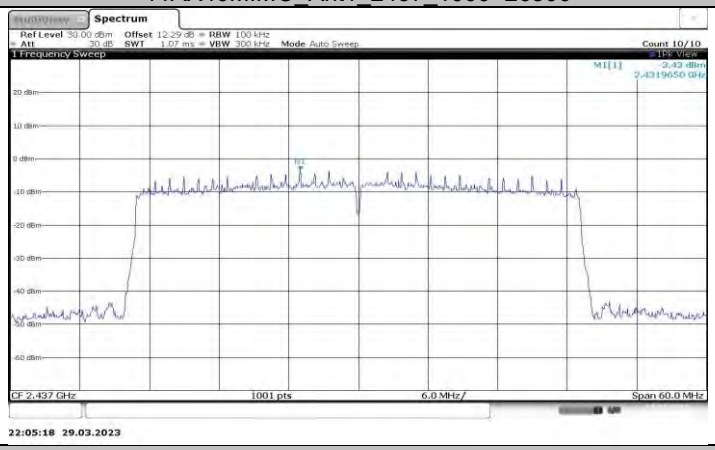

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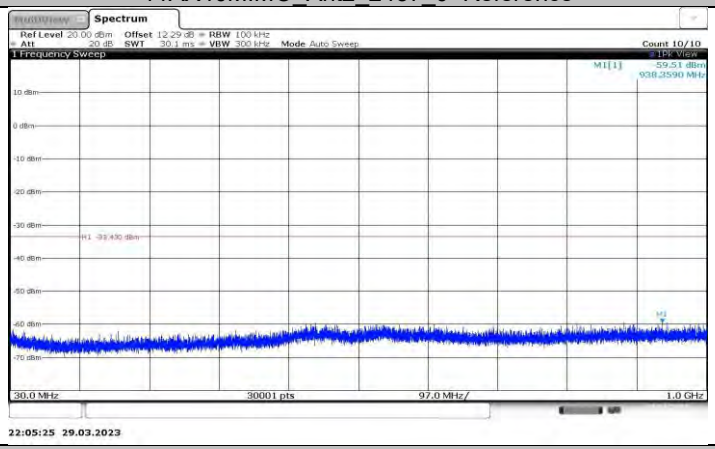

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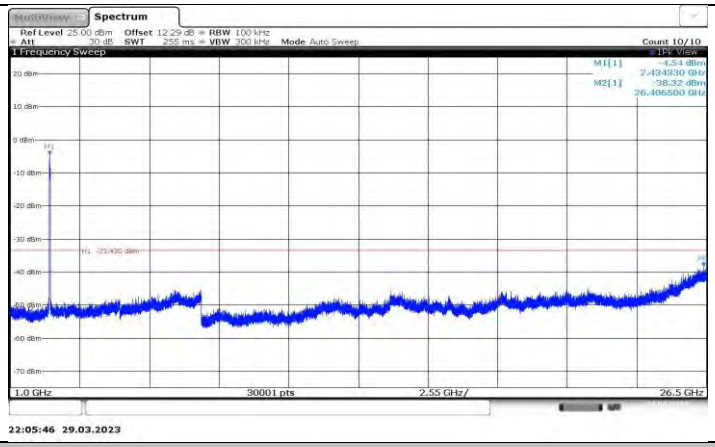

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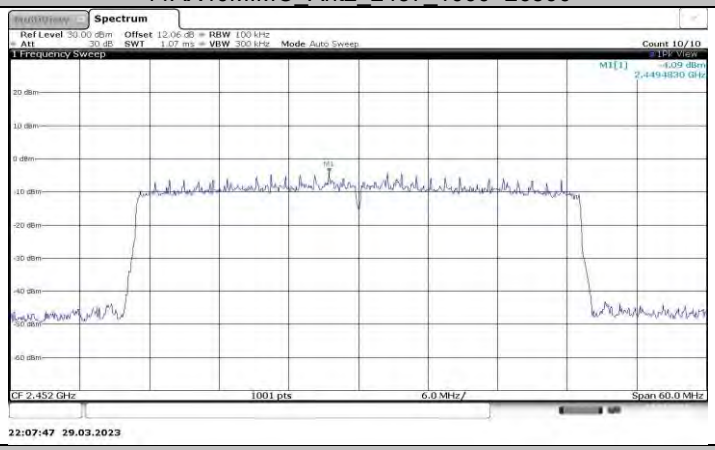

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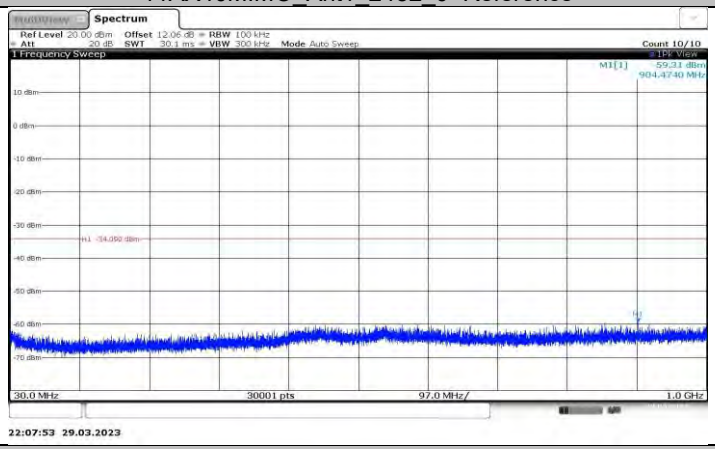

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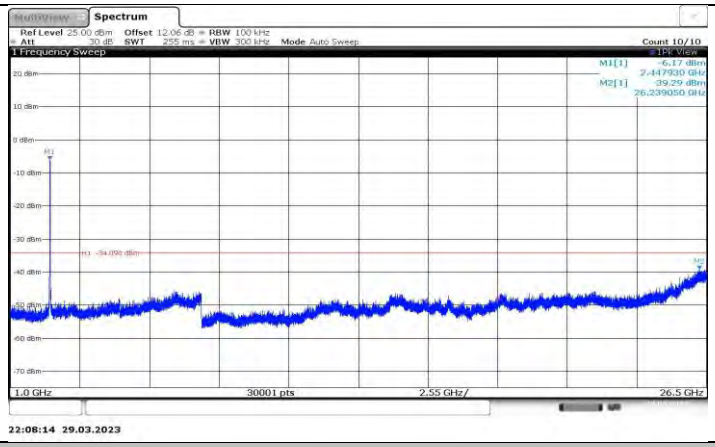

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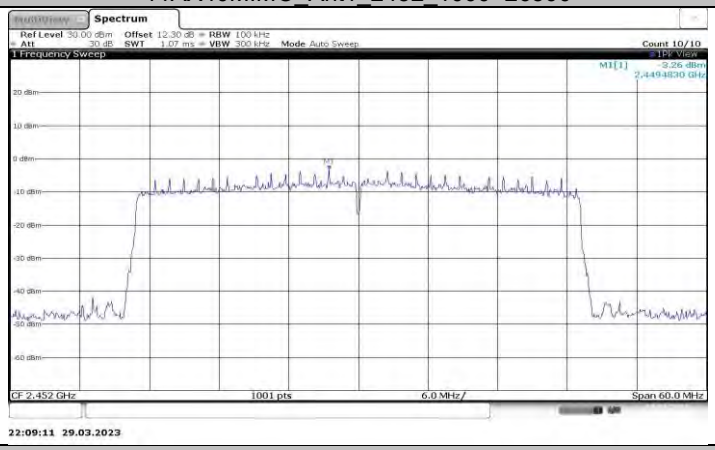

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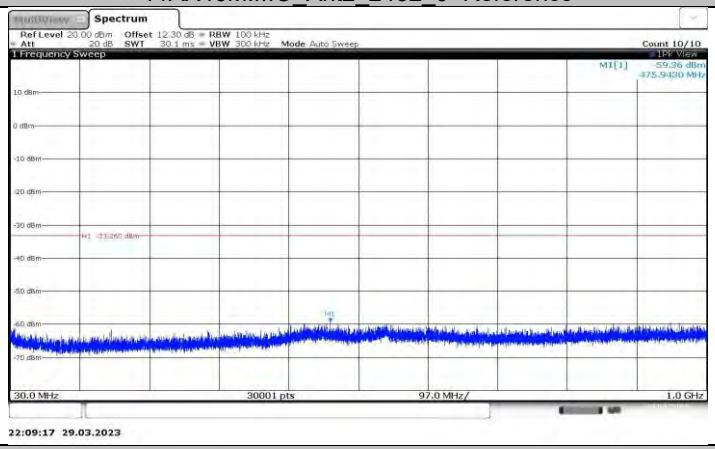

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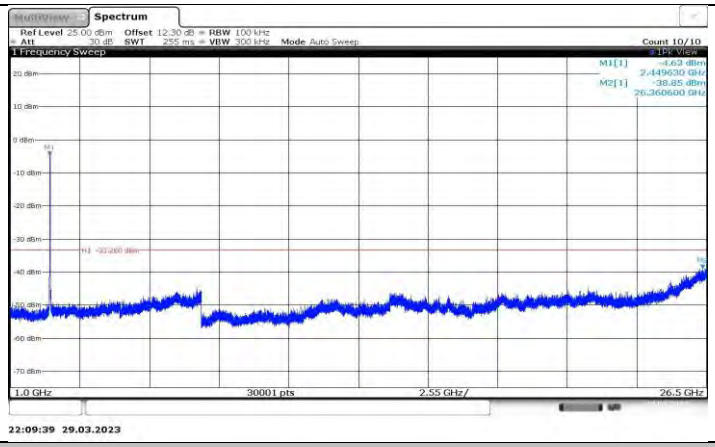


11AX40MIMO_Ant2_2452_1000~26500

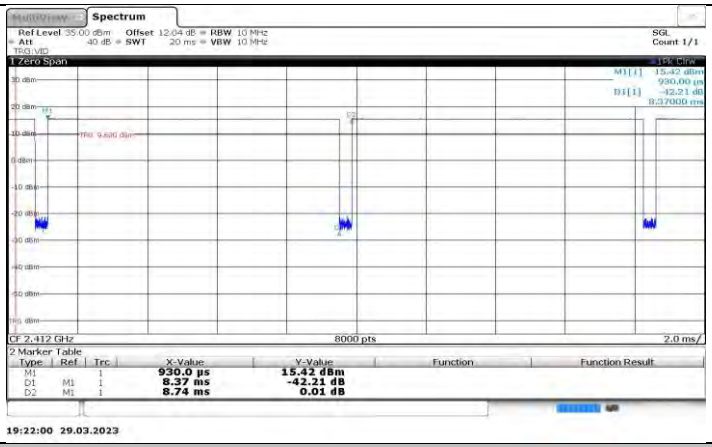
11.7. APPENDIX G: DUTY CYCLE

11.7.1. Test Result

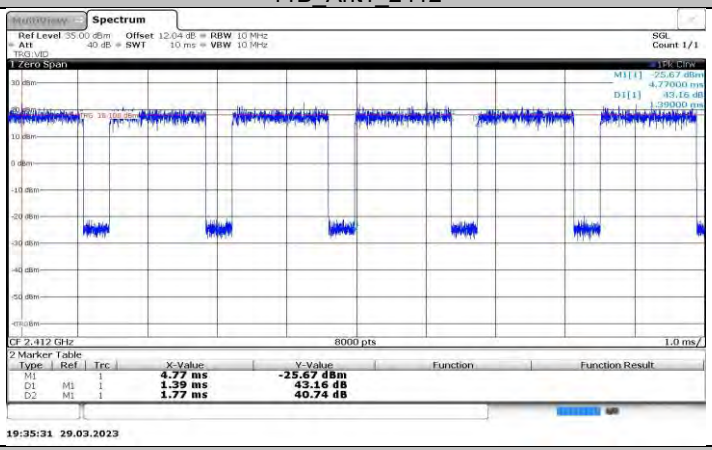
Test Mode	On Time (msec)	Period (msec)	Duty Cycle x (Linear)	Duty Cycle (%)	Duty Cycle Correction Factor (dB)	1/T Minimum VBW (kHz)	Final setting For VBW (kHz)
11B	8.37	8.74	0.9577	95.77	0.19	0.12	0.5
11G	1.39	1.77	0.7853	78.53	1.05	0.72	1
11N20MIMO	1.29	1.67	0.7725	77.25	1.12	0.78	1
11N40MIMO	0.65	1.03	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.

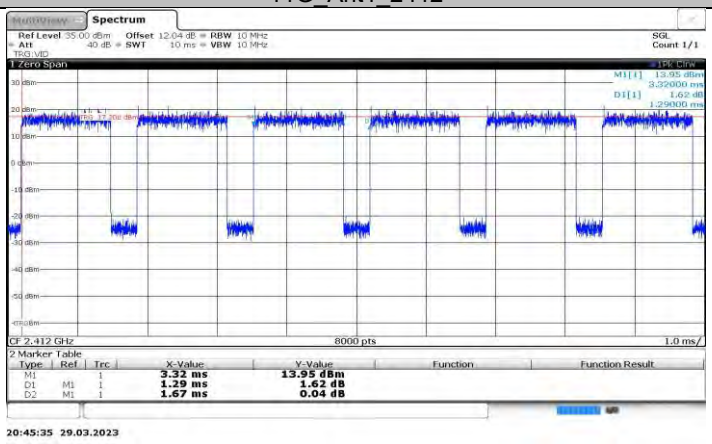
11.7.2. Test Graphs



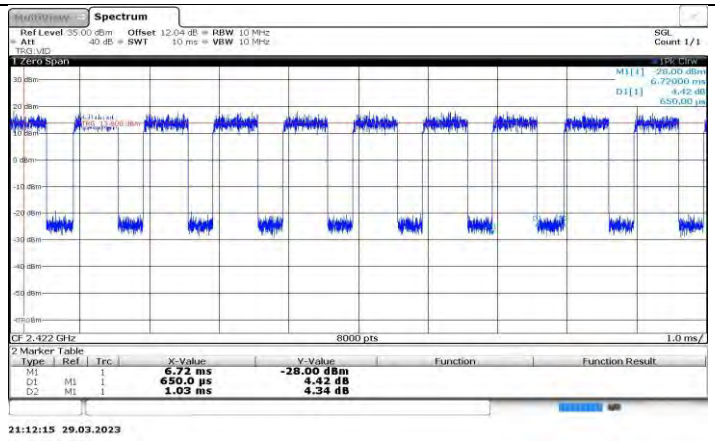
11B_Ant1_2412



11G_Ant1_2412



11N20MIMO_Ant1_2412



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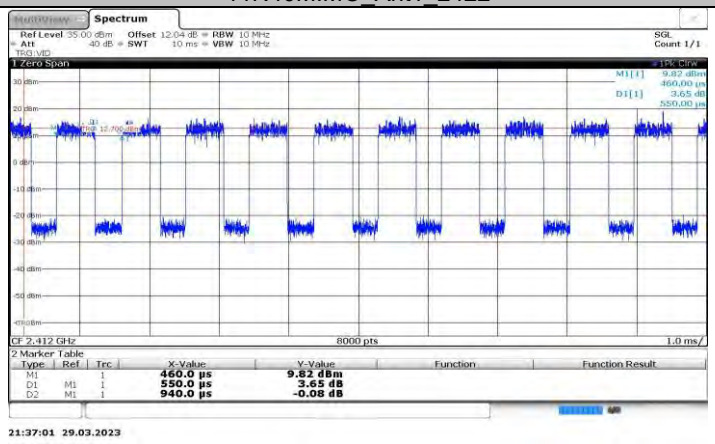

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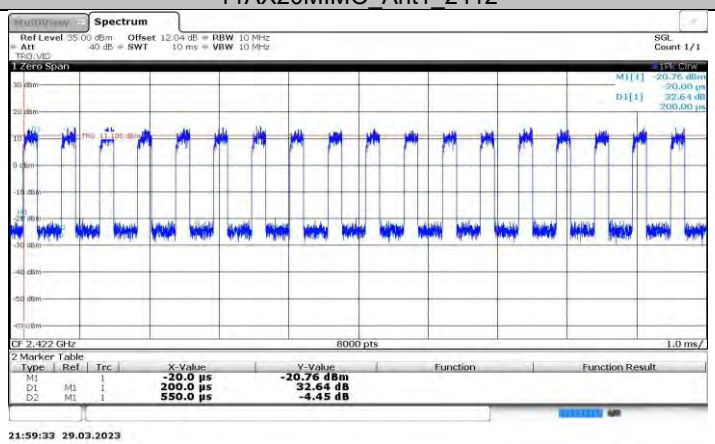

11AX40MIMO_Ant1_2422

END OF REPORT