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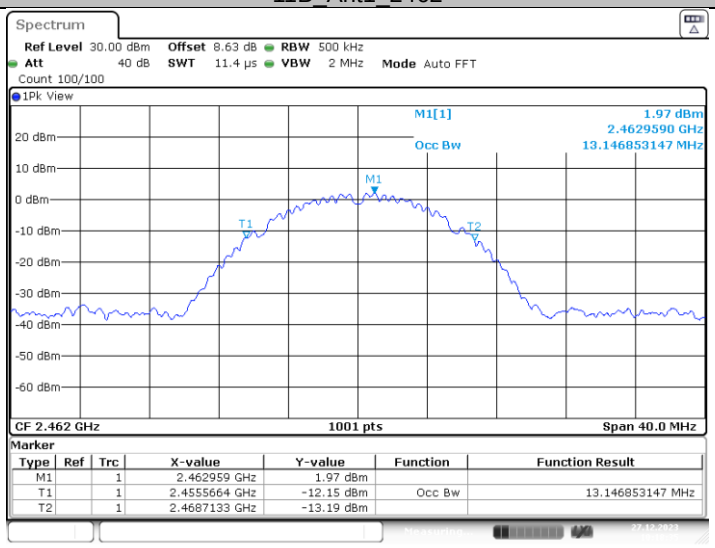

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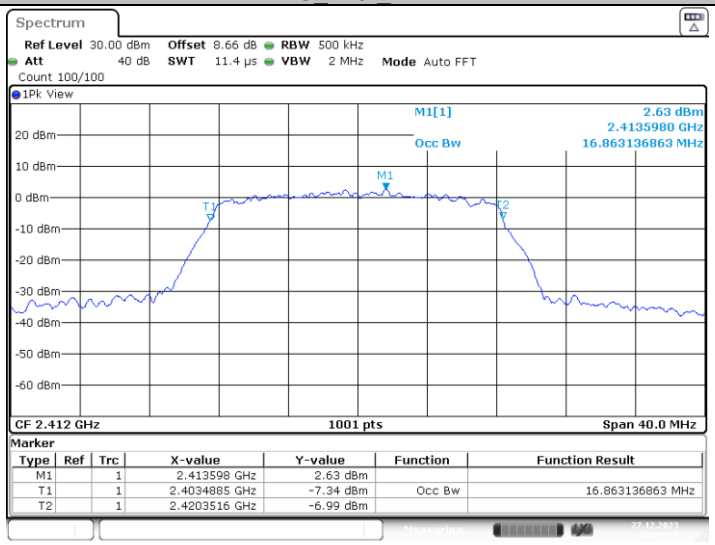

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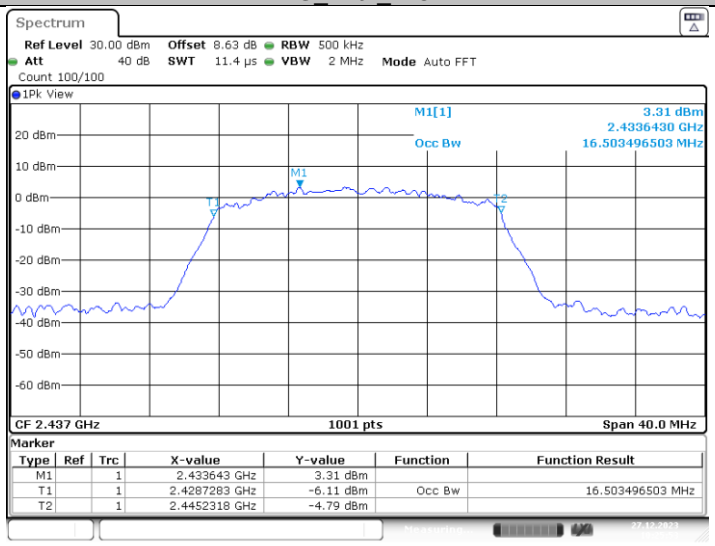

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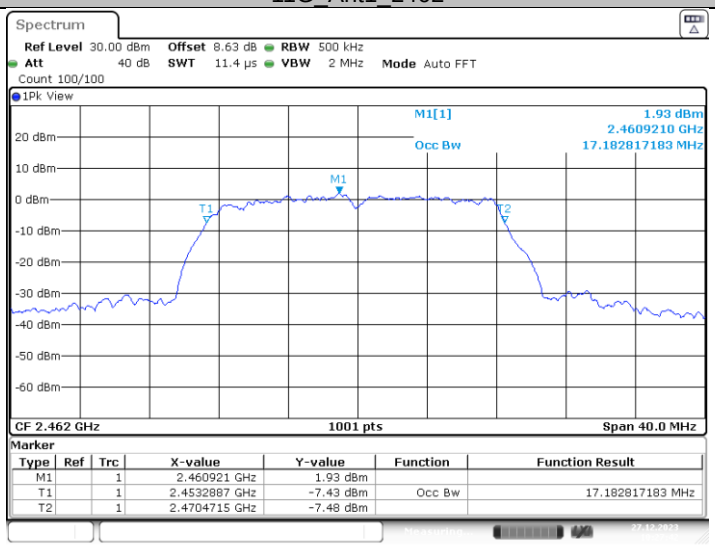

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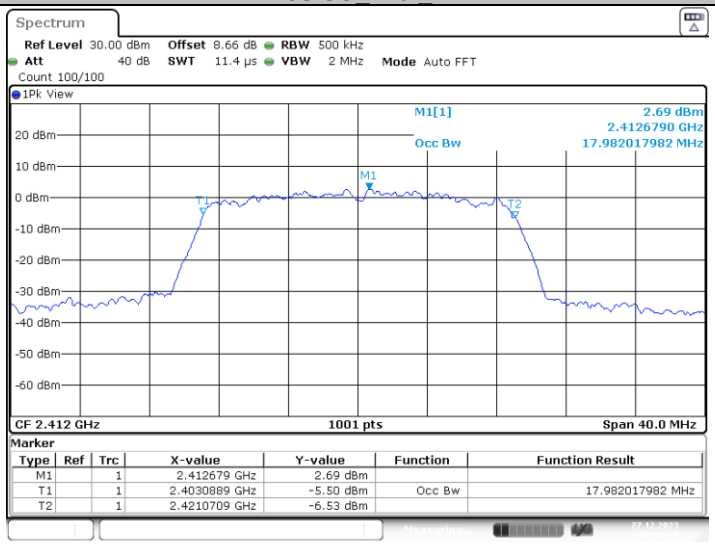

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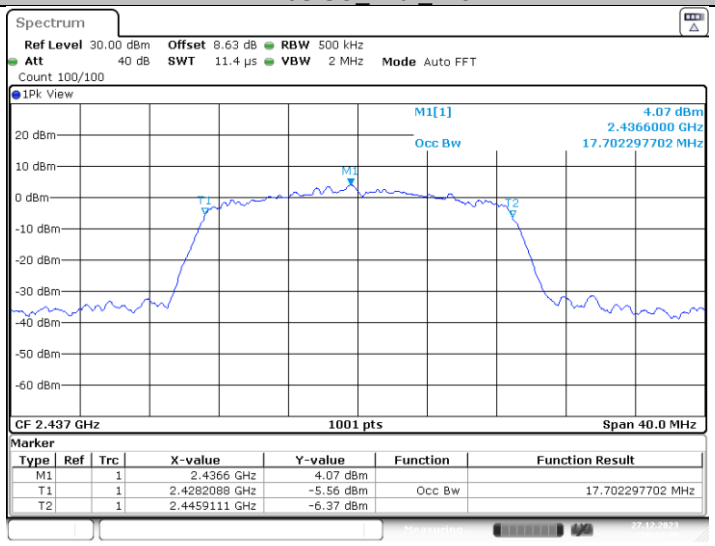

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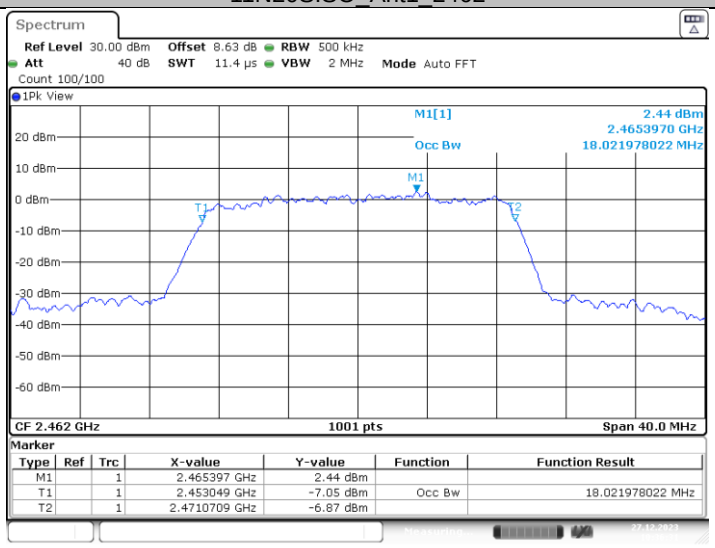

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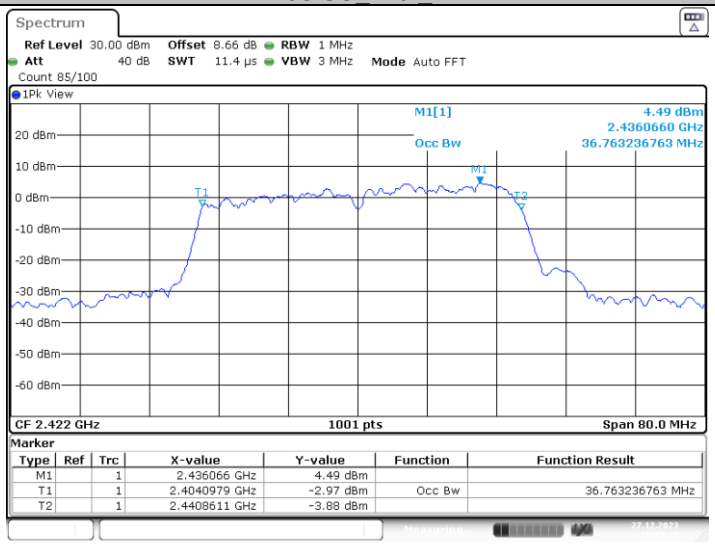

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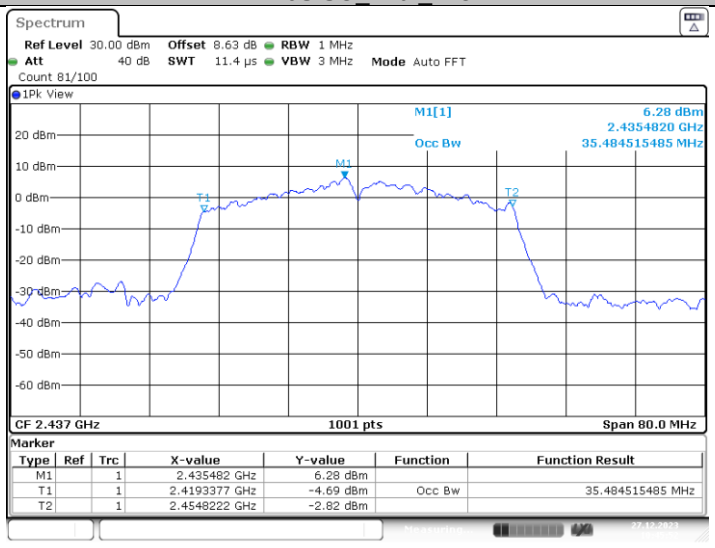

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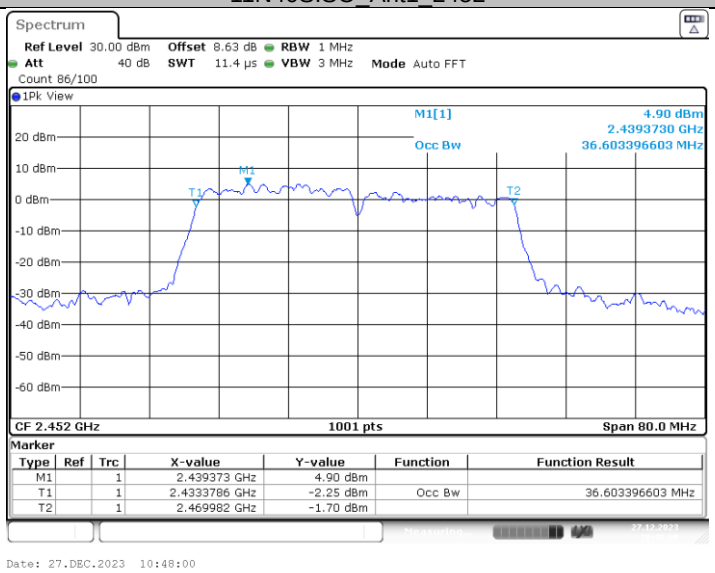
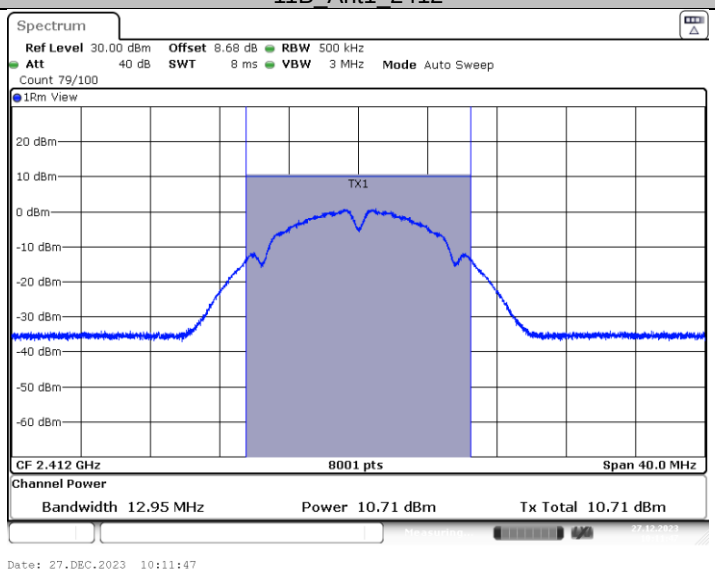


APPENDIX F - MAXIMUM OUTPUT POWER

Test Mode	Frequency[MHz]	Average power [dBm]	Duty Cycle [%]	DC Factor [dBm]	Result [dBm]	Limit [dBm]	Gain [dBi]	EIRP [dBm]	EIRP Limit [dBm]	Verdict
11B	2412	10.69	99.53	0.02	10.71	≤30.00	1.75	12.46	≤36.00	PASS
	2437	11.47	99.41	0.03	11.50	≤30.00	1.75	13.25	≤36.00	PASS
	2462	10.62	99.64	0.02	10.64	≤30.00	1.75	12.39	≤36.00	PASS
11G	2412	10.39	97.22	0.12	10.51	≤30.00	1.75	12.26	≤36.00	PASS
	2437	11.00	96.53	0.15	11.15	≤30.00	1.75	12.9	≤36.00	PASS
	2462	10.12	96.53	0.15	10.27	≤30.00	1.75	12.02	≤36.00	PASS
11N20SISO	2412	10.28	96.30	0.16	10.44	≤30.00	1.75	12.19	≤36.00	PASS
	2437	10.98	97.01	0.13	11.11	≤30.00	1.75	12.86	≤36.00	PASS
	2462	9.94	97.04	0.13	10.07	≤30.00	1.75	11.82	≤36.00	PASS
11N40SISO	2422	11.57	92.75	0.33	11.90	≤30.00	1.75	13.65	≤36.00	PASS
	2437	12.09	92.86	0.32	12.41	≤30.00	1.75	14.16	≤36.00	PASS
	2452	11.87	92.86	0.32	12.19	≤30.00	1.75	13.94	≤36.00	PASS

11B_Ant1_2412



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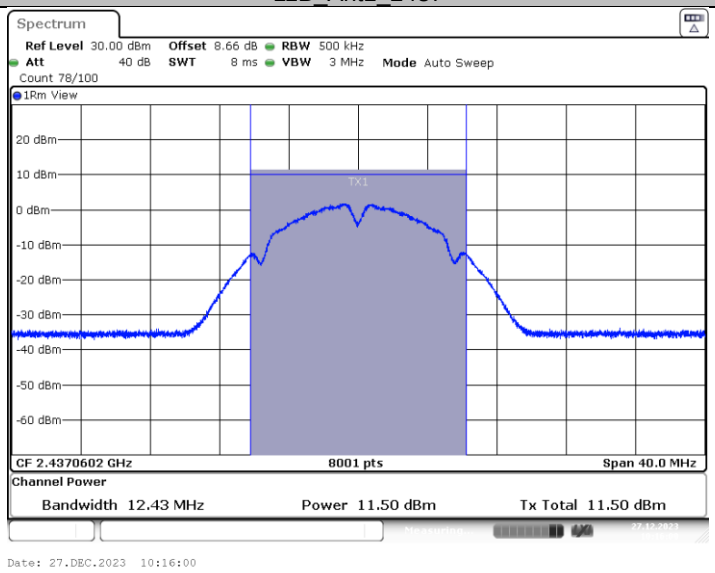

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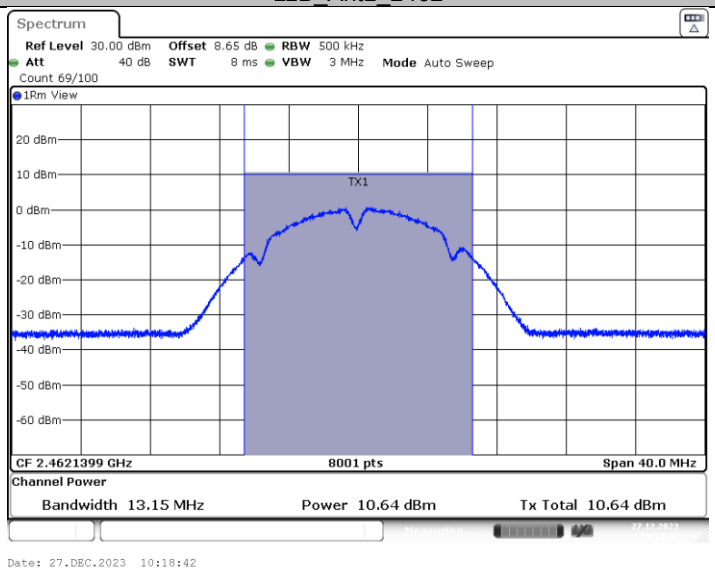

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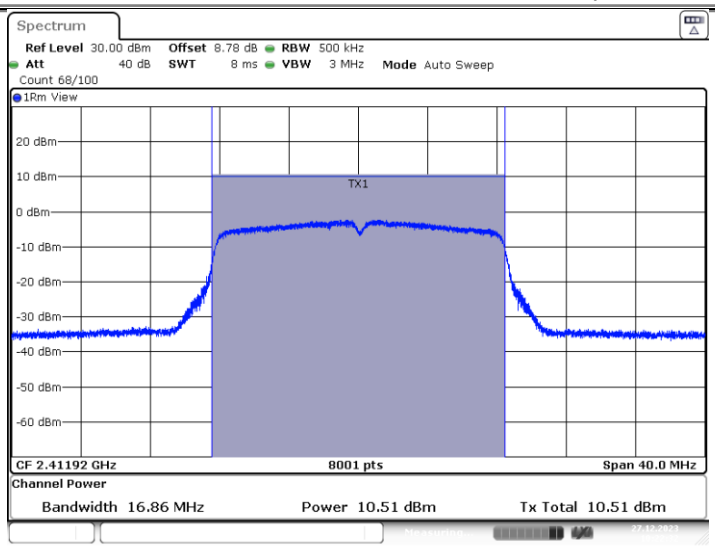

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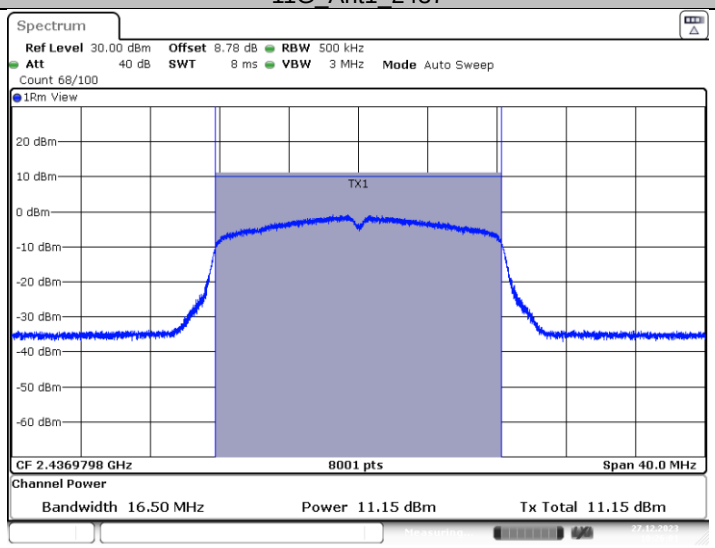

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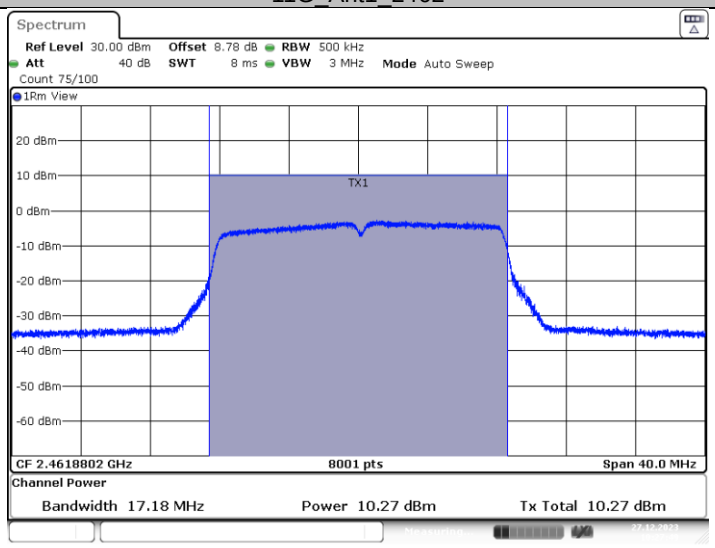

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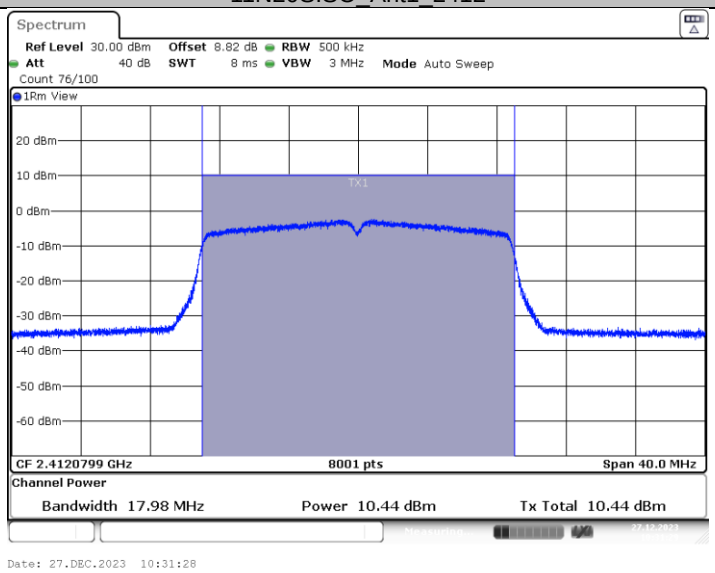

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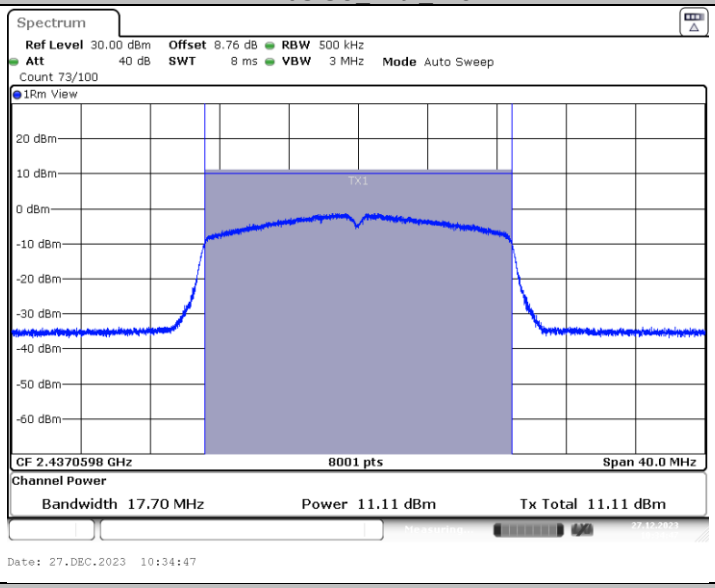

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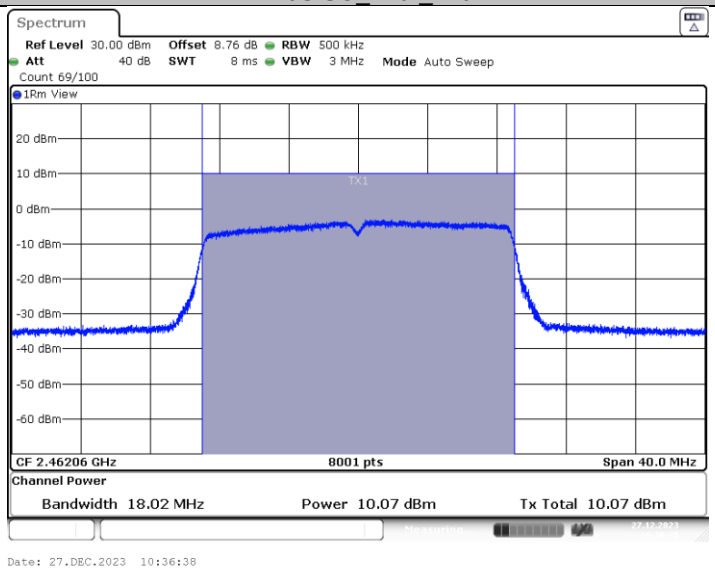

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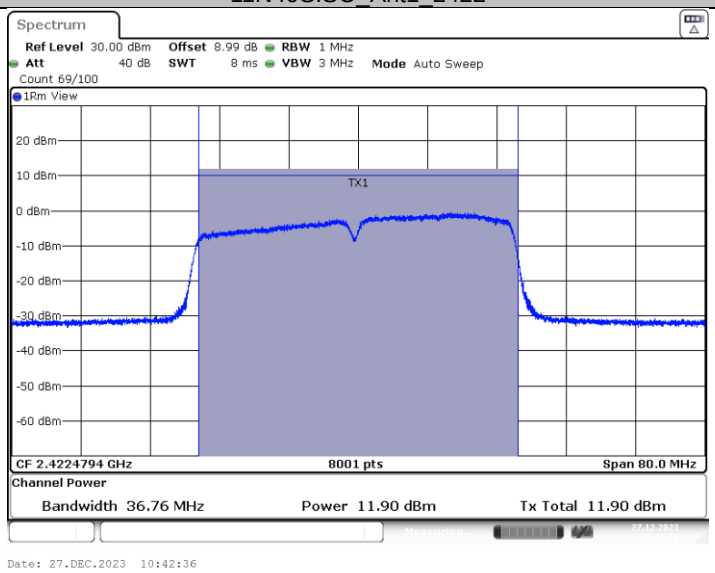

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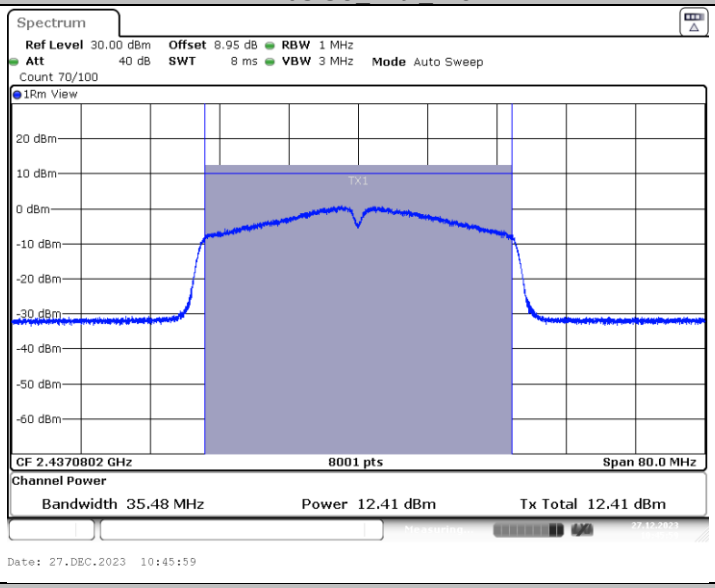

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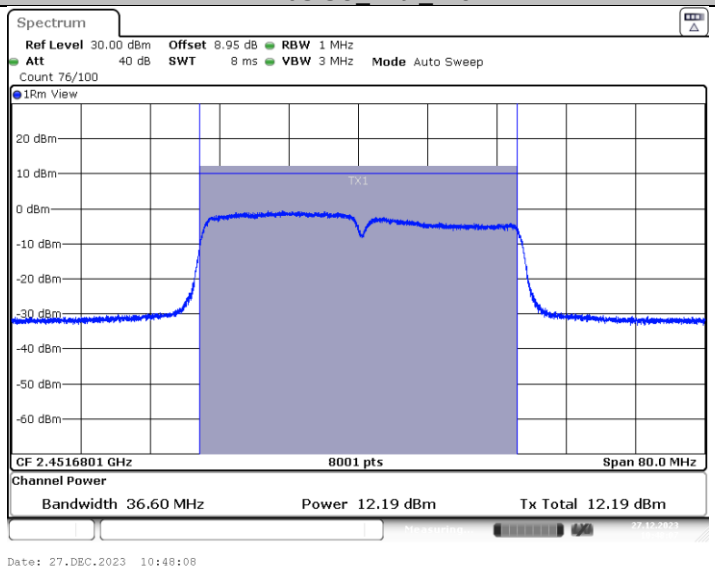


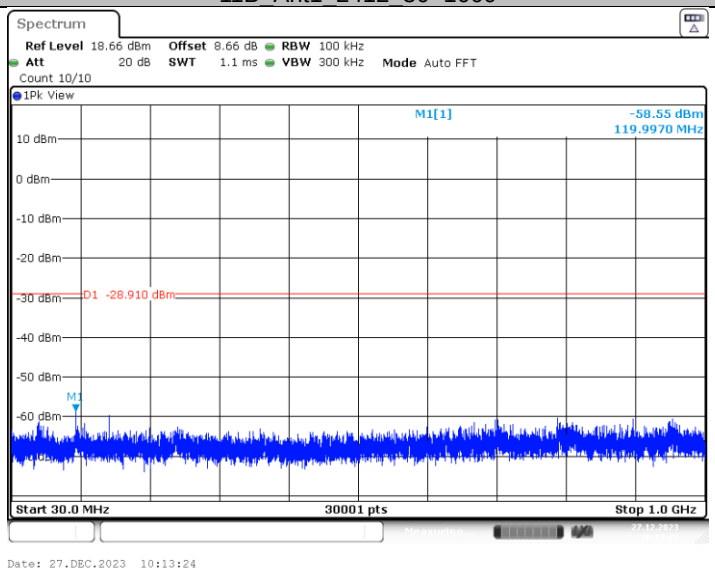
APPENDIX G - CONDUCTED SPURIOUS EMISSIONS

1. Conducted Spurious Emission

TestMode	Antenna	Frequency[MHz]	FreqRange [Mhz]	RefLevel [dBm]	Result [dBm]	Limit [dBm]	Verdict
11B	Ant1	2412	30~1000	1.09	-58.55	≤-28.91	PASS
			1000~26500	1.09	-46.83	≤-28.91	PASS
		2437	30~1000	2.25	-56.49	≤-27.75	PASS
			1000~26500	2.25	-47.09	≤-27.75	PASS
		2462	30~1000	1.13	-56.76	≤-28.87	PASS
			1000~26500	1.13	-46.38	≤-28.87	PASS
11G	Ant1	2412	30~1000	-1.26	-56.12	≤-31.26	PASS
			1000~26500	-1.26	-46.47	≤-31.26	PASS
		2437	30~1000	-0.11	-56.67	≤-30.11	PASS
			1000~26500	-0.11	-46.85	≤-30.11	PASS
		2462	30~1000	-2.24	-56.22	≤-32.24	PASS
			1000~26500	-2.24	-46.57	≤-32.24	PASS
11N20SISO	Ant1	2412	30~1000	-1.13	-56.71	≤-31.13	PASS
			1000~26500	-1.13	-45.83	≤-31.13	PASS
		2437	30~1000	-0.32	-55.76	≤-30.32	PASS
			1000~26500	-0.32	-46.66	≤-30.32	PASS
		2462	30~1000	-1.44	-58.91	≤-31.44	PASS
			1000~26500	-1.44	-46.95	≤-31.44	PASS
11N40SISO	Ant1	2422	30~1000	-1.80	-56.66	≤-31.8	PASS
			1000~26500	-1.80	-46.97	≤-31.8	PASS
		2437	30~1000	-3.69	-57.39	≤-33.69	PASS
			1000~26500	-3.69	-47.04	≤-33.69	PASS
		2452	30~1000	-1.77	-57.73	≤-31.77	PASS
			1000~26500	-1.77	-47.08	≤-31.77	PASS

Test Graphs

11B_Ant1_2412_30~1000



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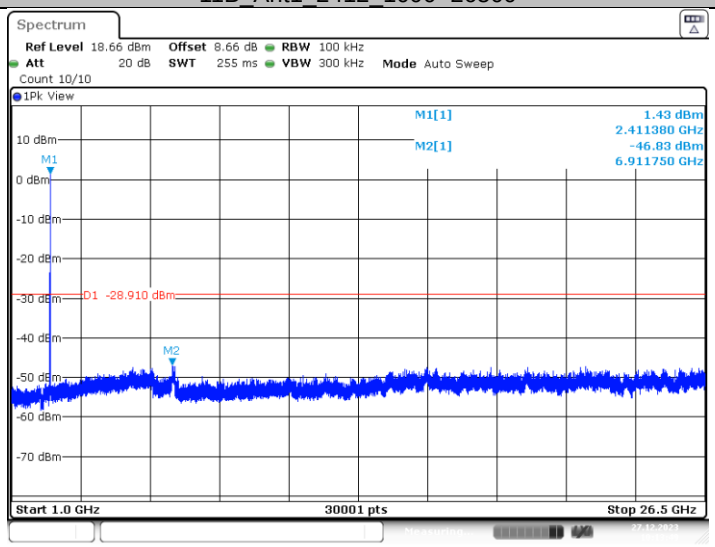

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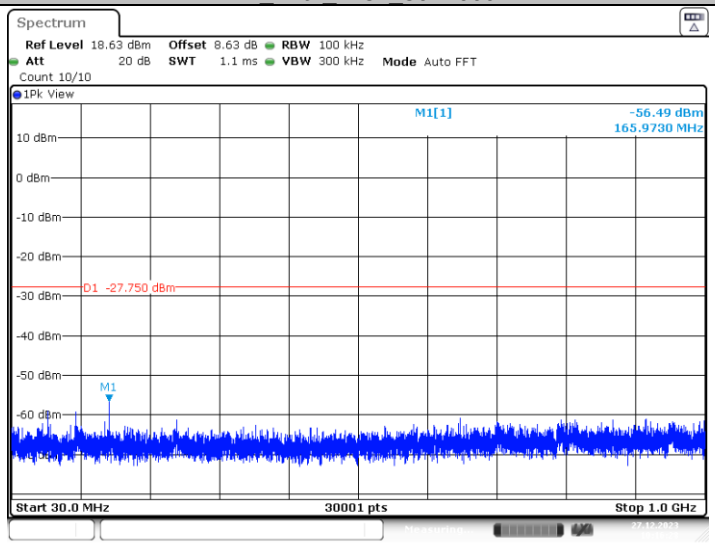

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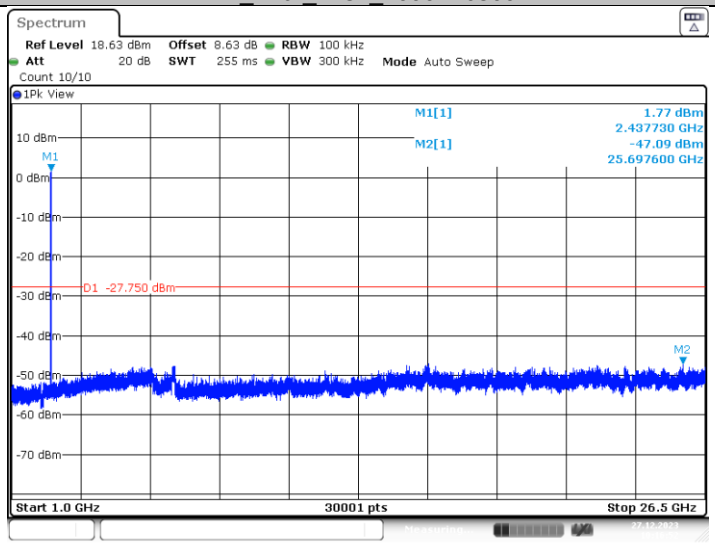

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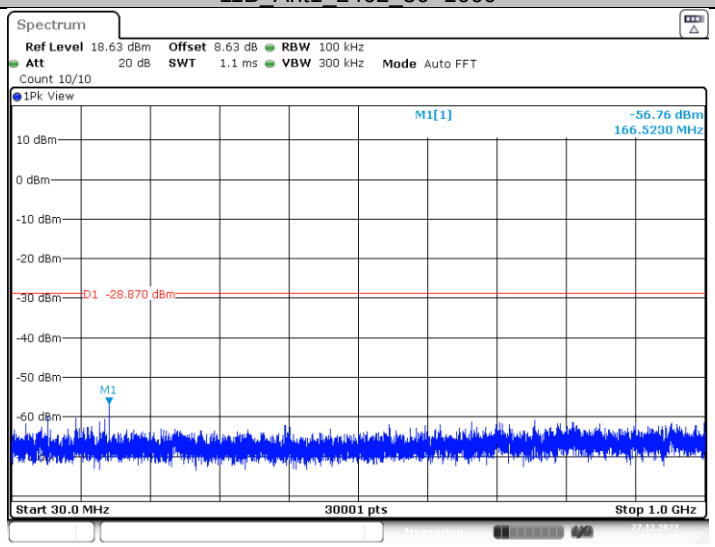

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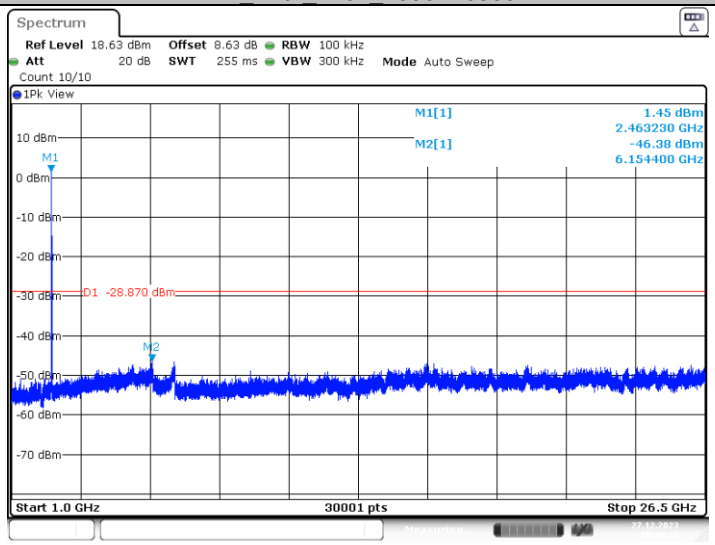

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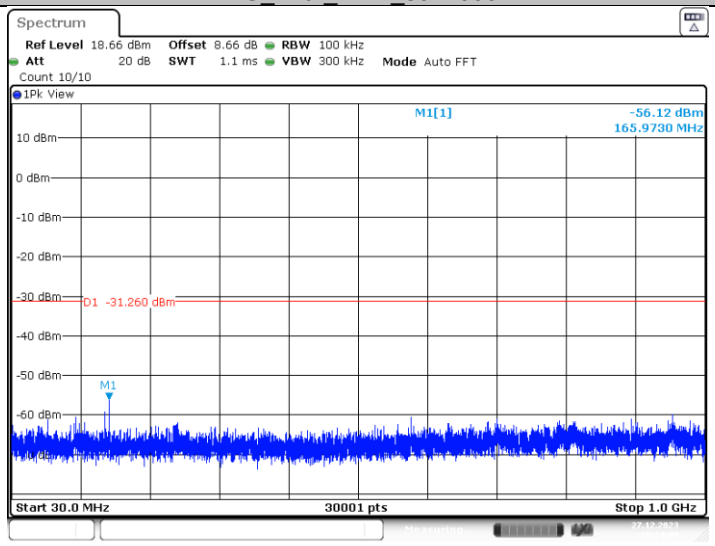

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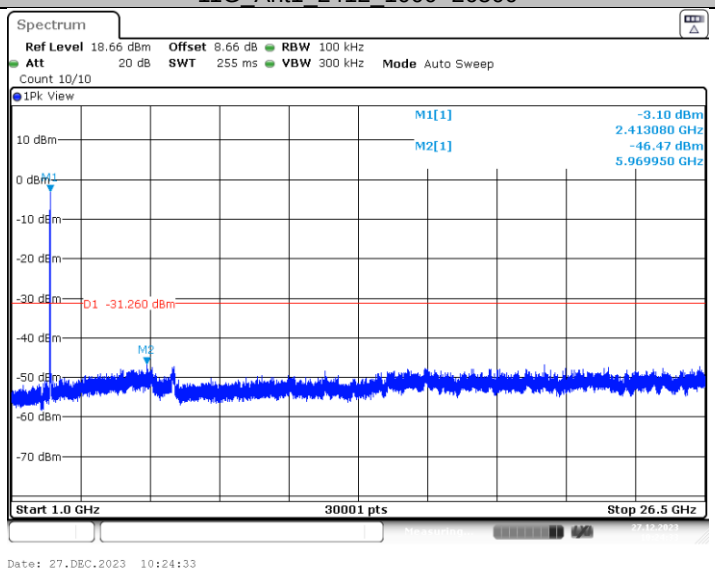

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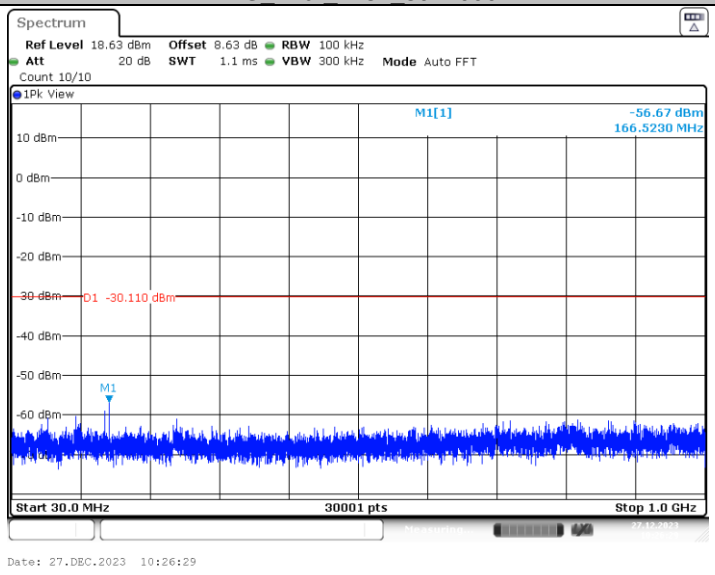

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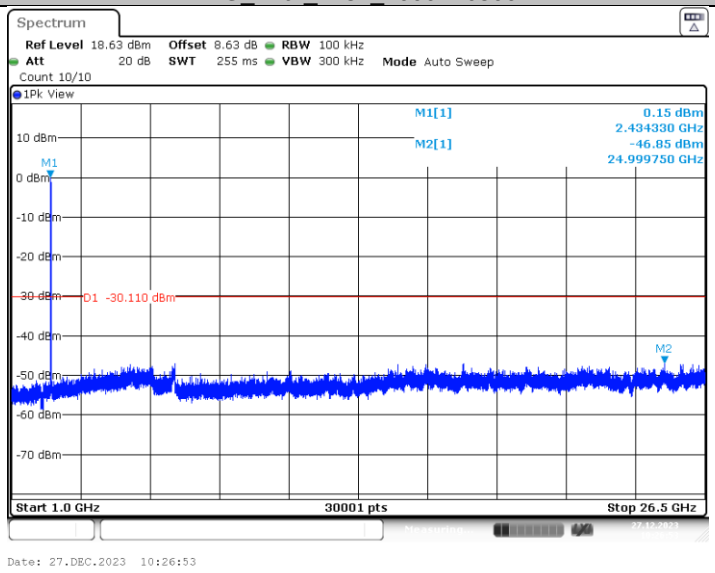

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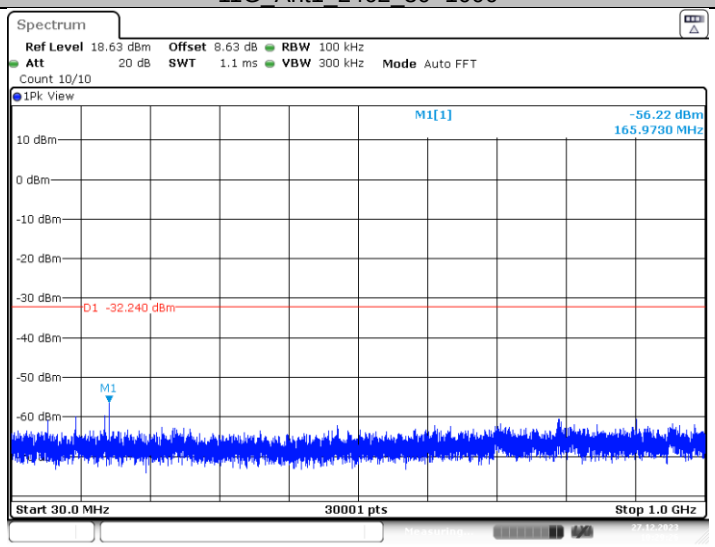

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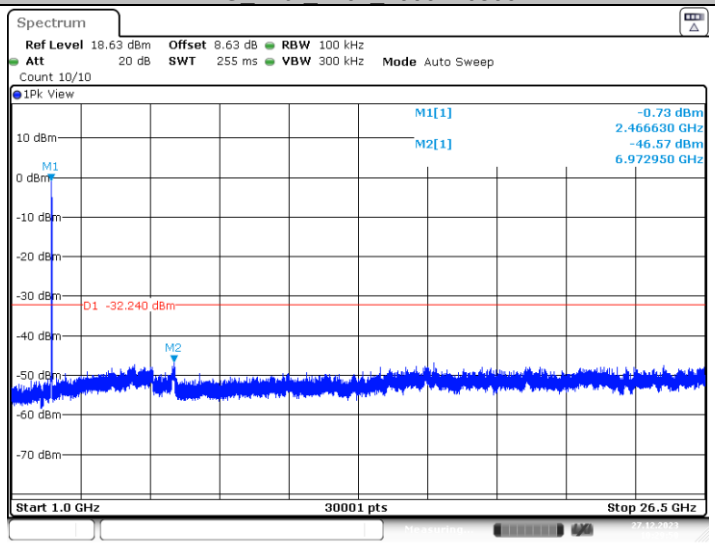

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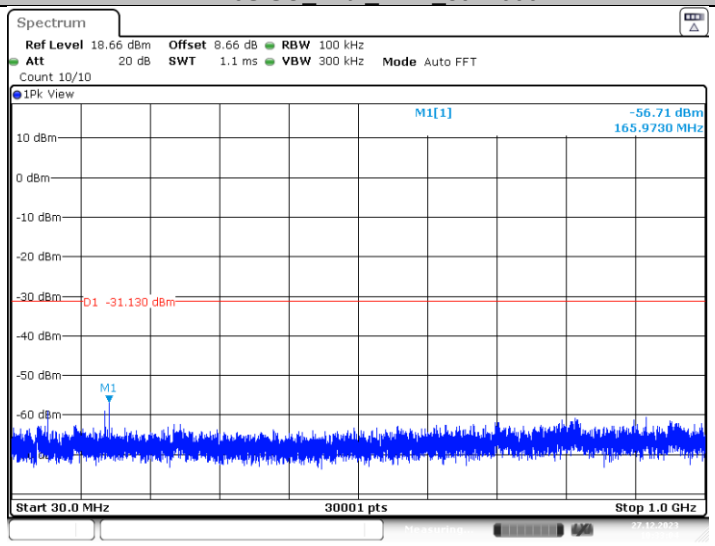

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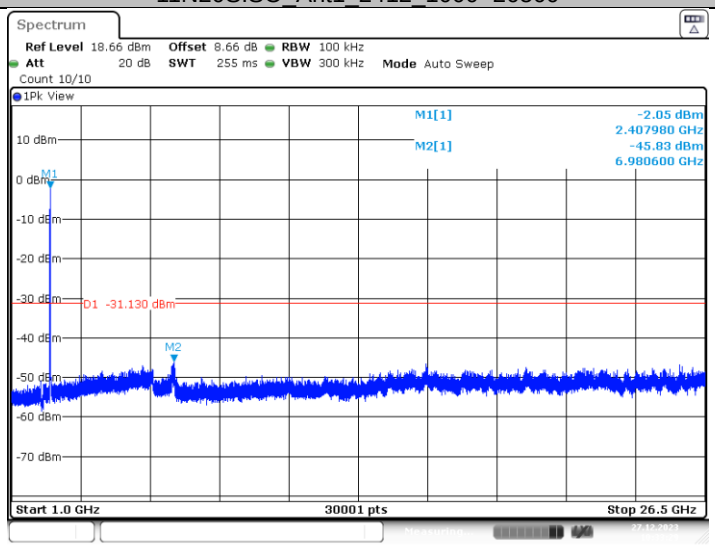

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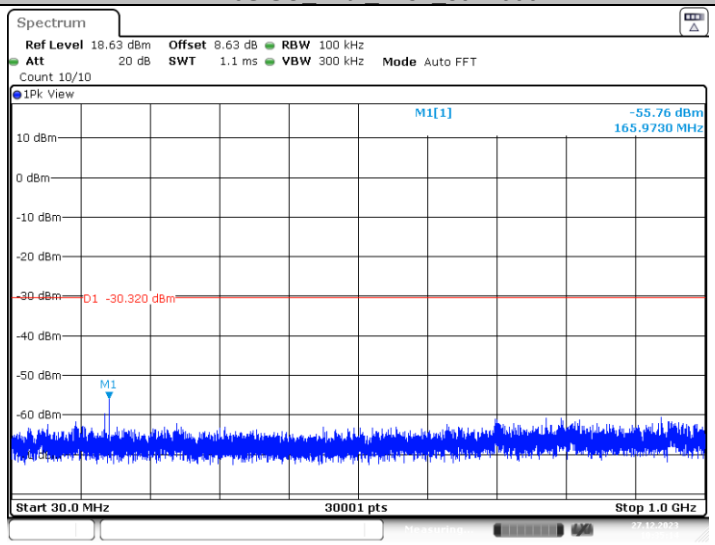

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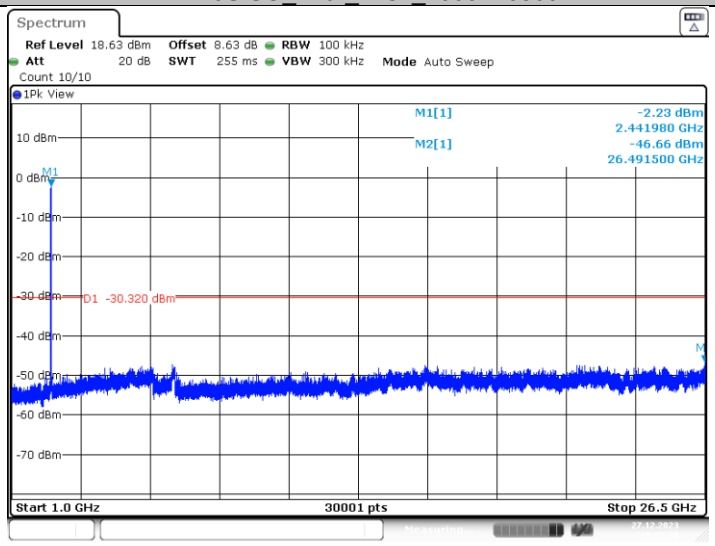

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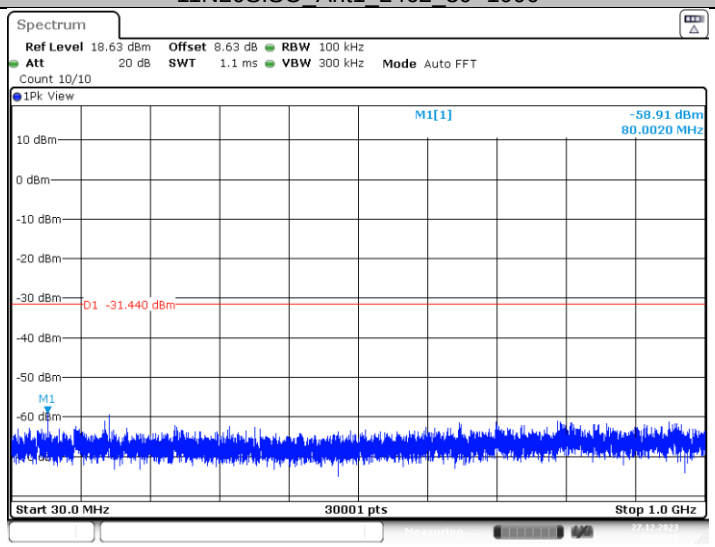

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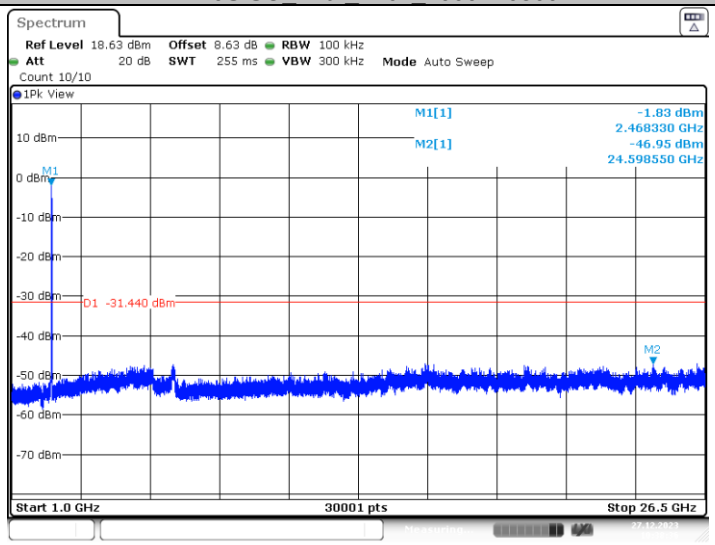

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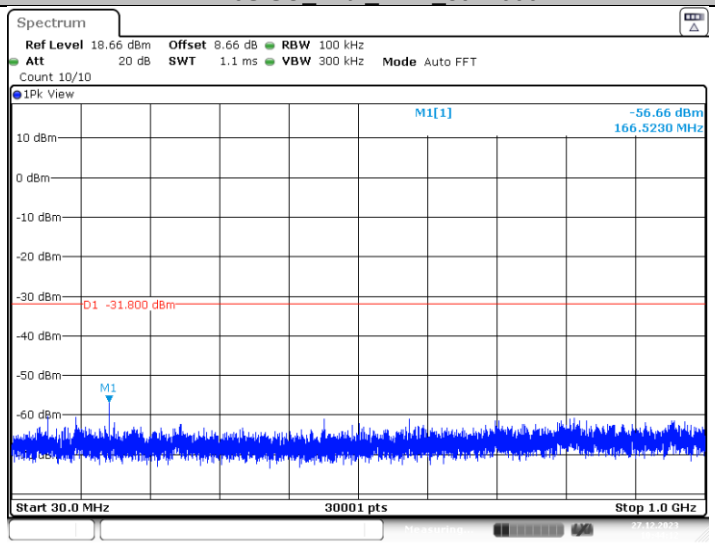

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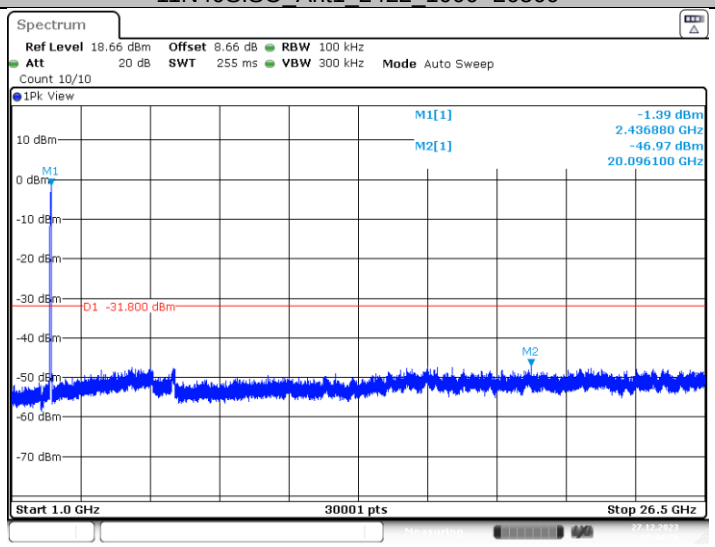

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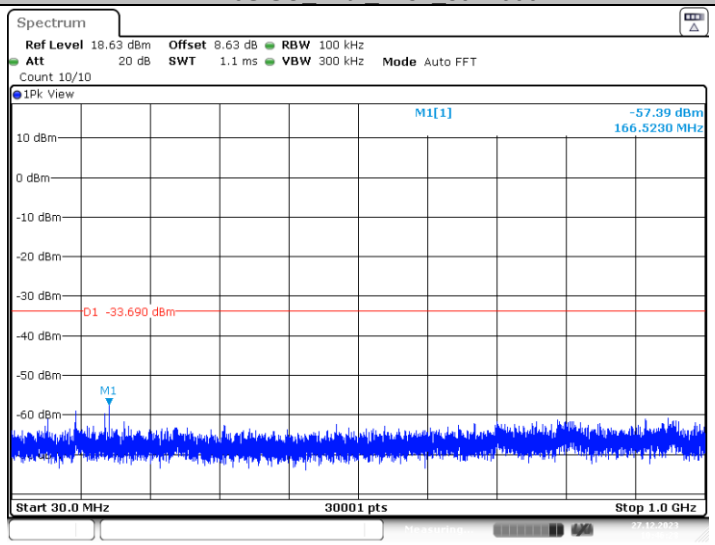
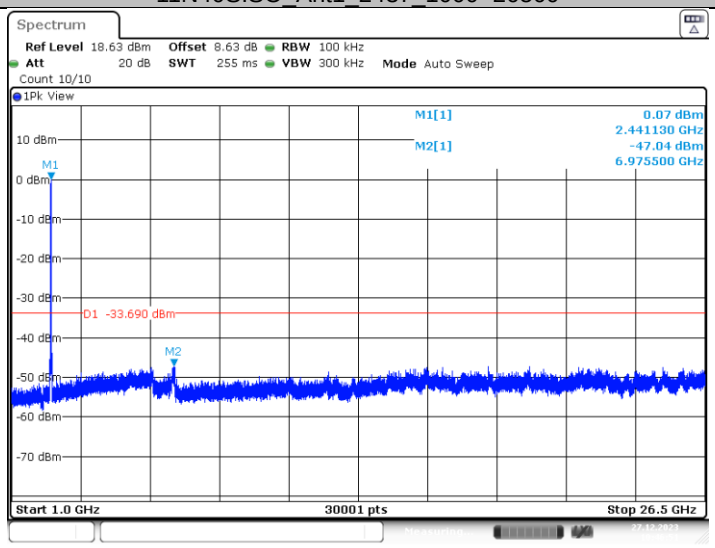
11N40SISO_Ant1_2437_30~1000



Date: 27.DEC.2023 10:46:27

11N40SISO_Ant1_2437_1000~26500



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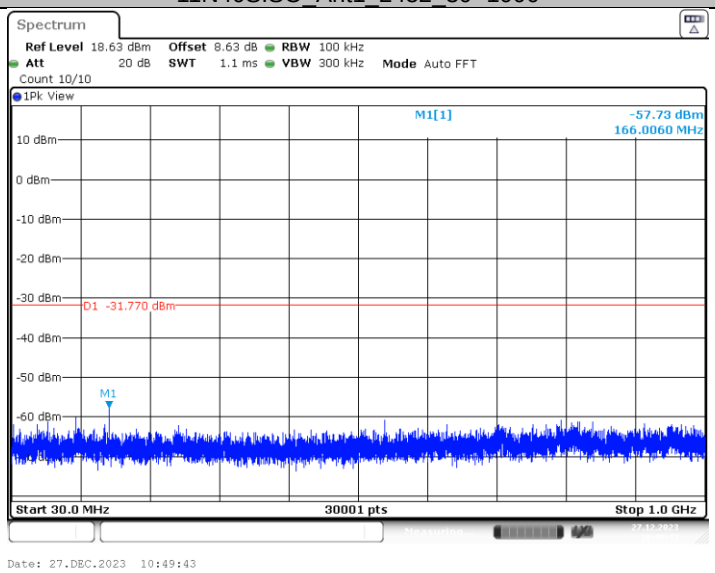
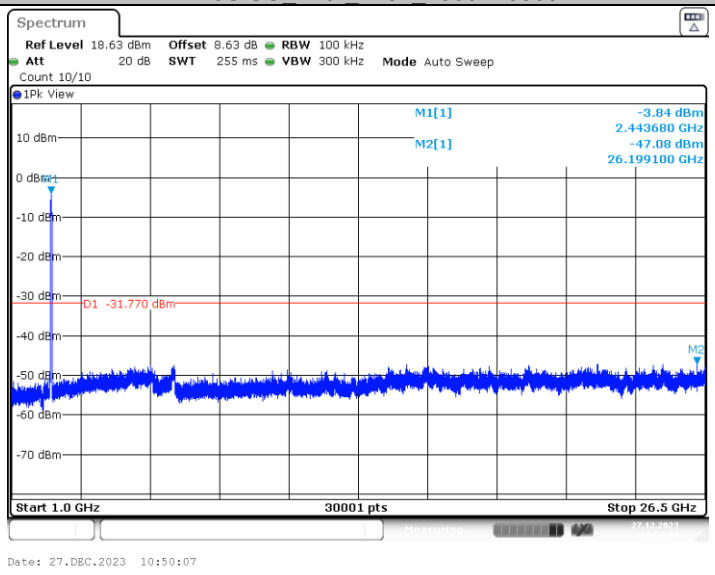


11N40SISO_Ant1_2452_1000~26500

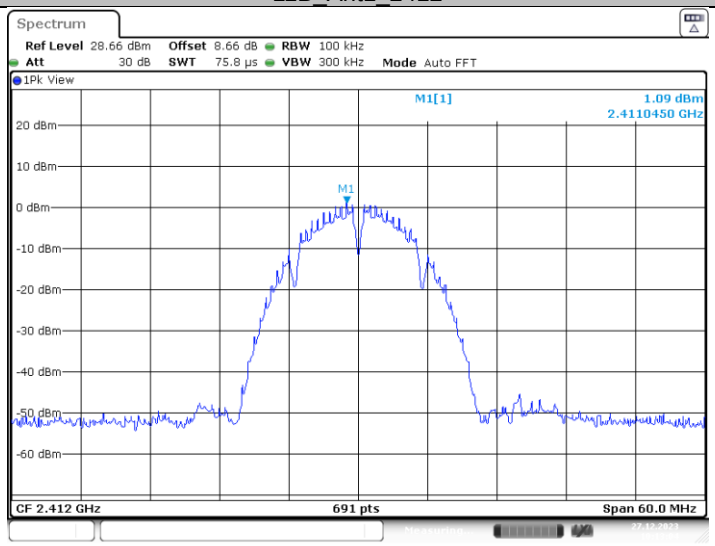


Reference level measurement “”

TestMode	Antenna	Freq(MHz)	Max.Point[MHz]	Result[dBm]
11B	Ant1	2412	2411.05	1.09
		2437	2436.05	2.25
		2462	2462.96	1.13
11G	Ant1	2412	2410.70	-1.26
		2437	2435.70	-0.11
		2462	2464.52	-2.24
11N20SISO	Ant1	2412	2413.22	-1.13
		2437	2438.30	-0.32
		2462	2464.52	-1.44
11N40SISO	Ant1	2422	2434.50	-1.80
		2437	2434.57	-3.69
		2452	2446.96	-1.77

TEST GRAPHS

11B_Ant1_2412



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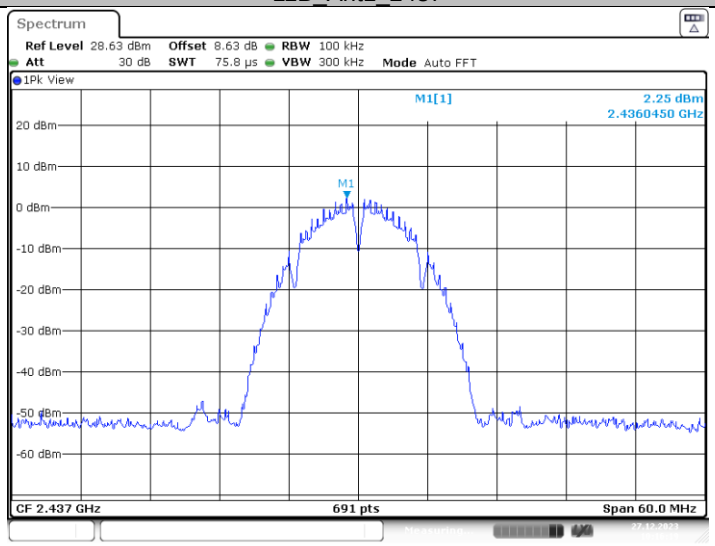

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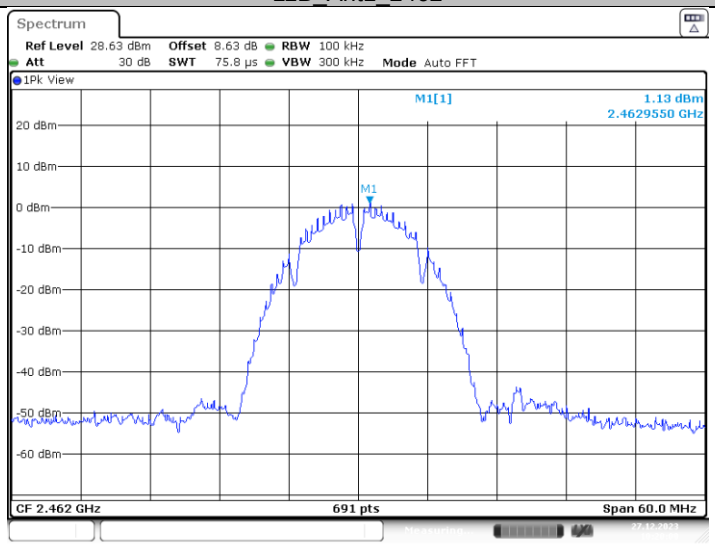
11B_Ant1_2462



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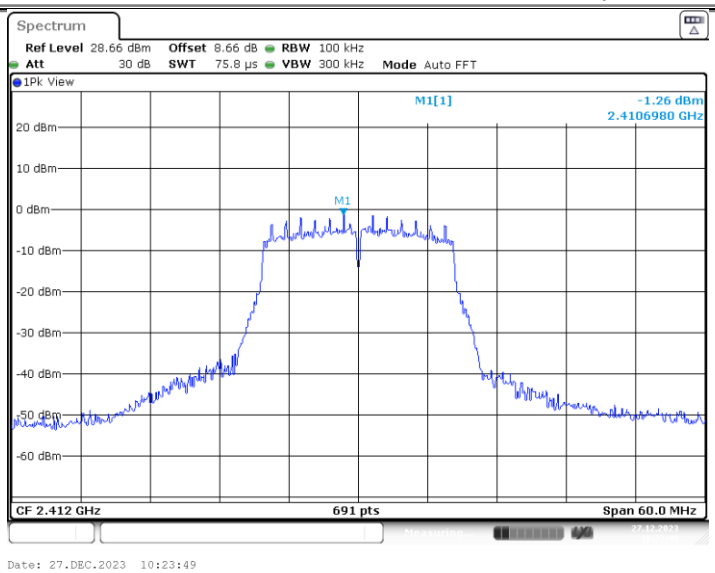

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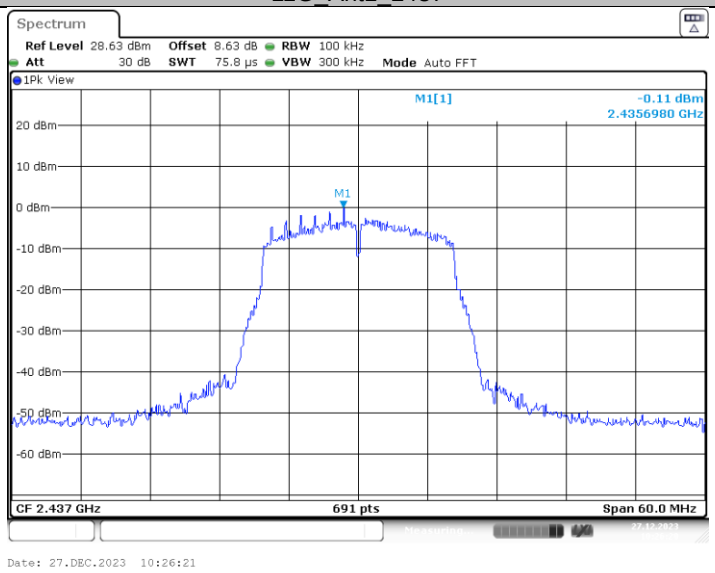

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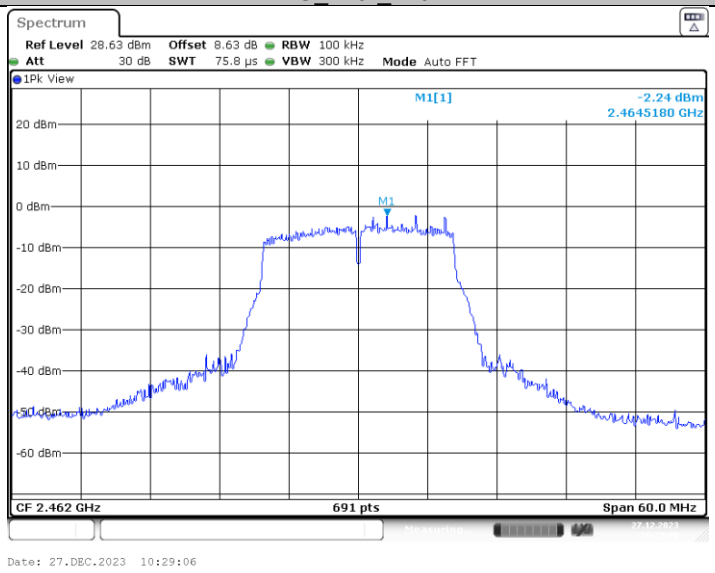

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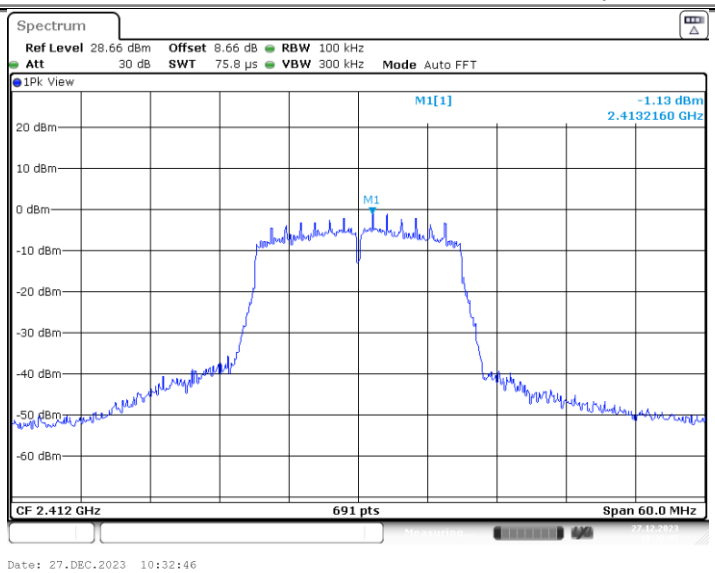

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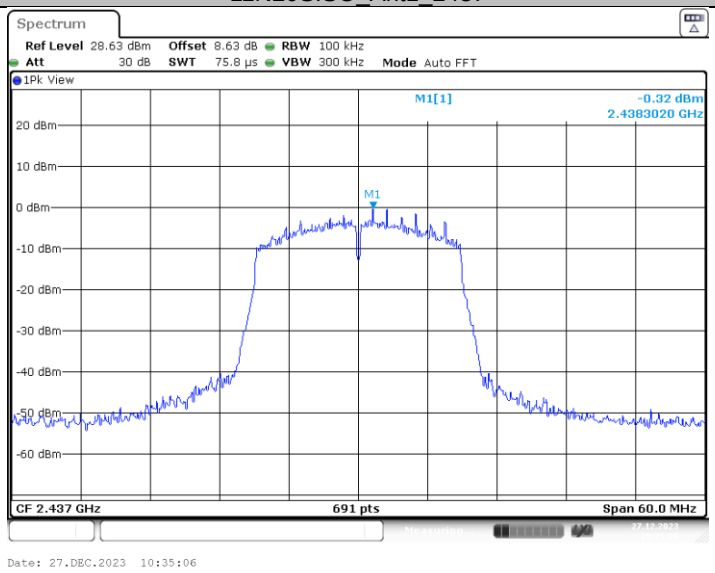

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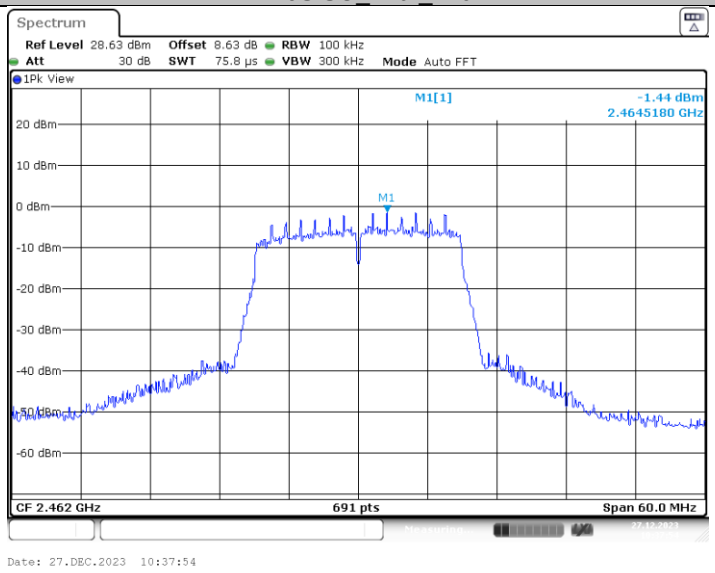
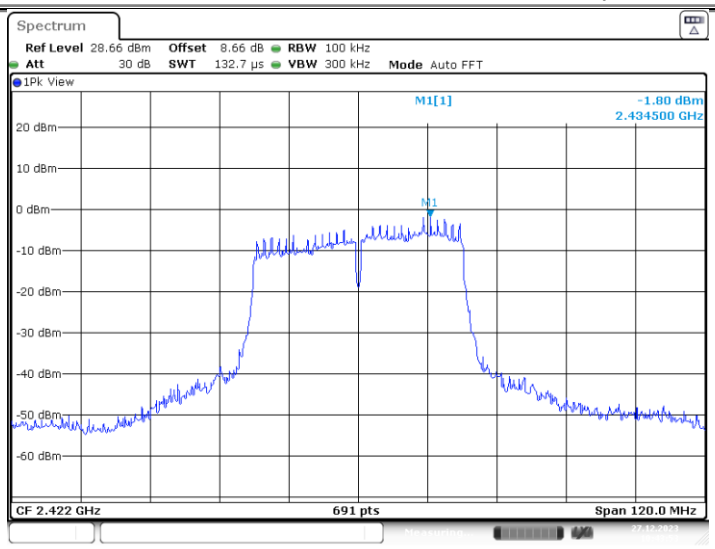


11N40SISO_Ant1_2422



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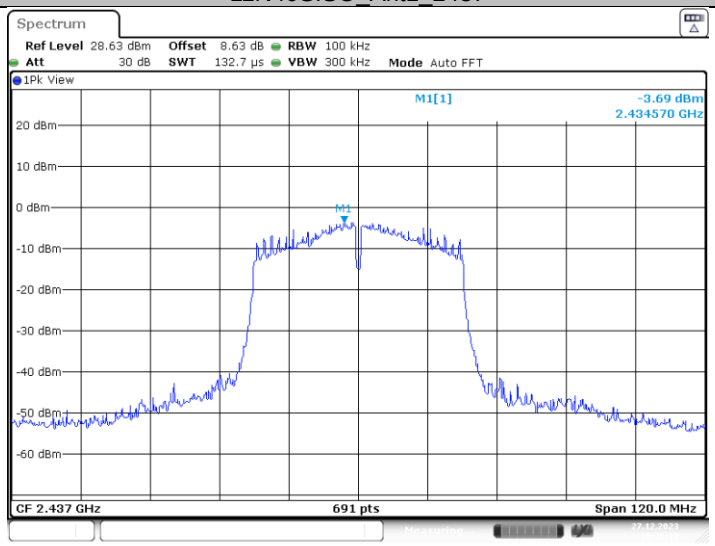

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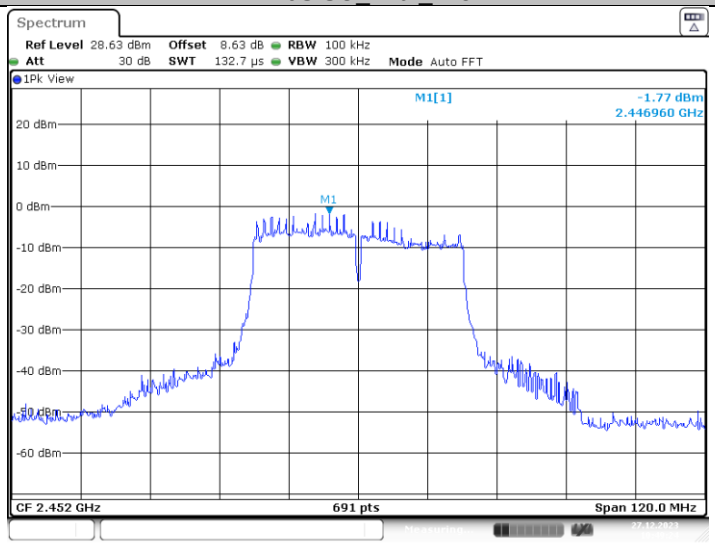
11N40SISO_Ant1_2452



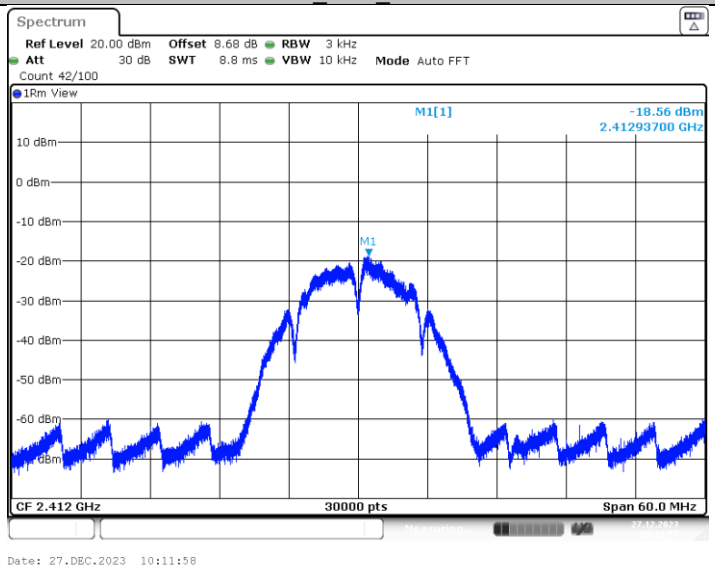
Date: 27.DEC.2023 10:49:25

APPENDIX H - POWER SPECTRAL DENSITY

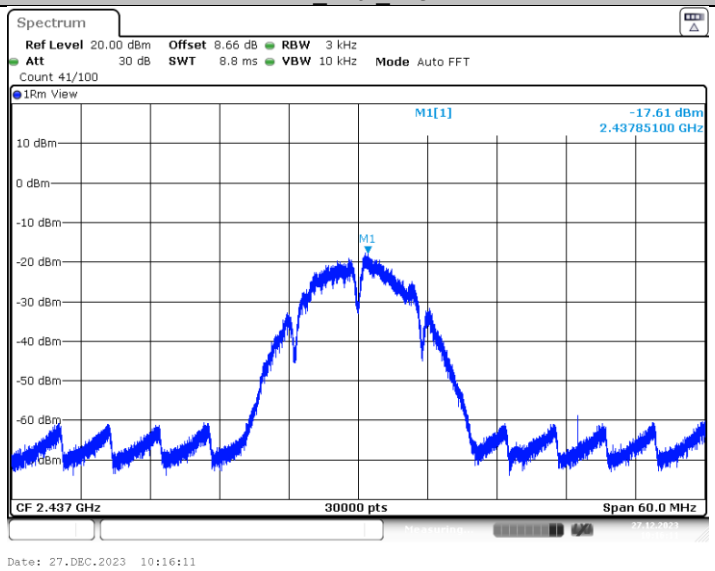
Test Mode	Antenna	Frequency [MHz]	Result [dBm/3-100 kHz]	Duty Cycle(%)	Duty_factor	Total Result [dBm/3-100kHz RMS]	Limit[dBm/3kHz]	Verdict
11B	Ant1	2412	-18.56	99.53	0.02	-18.54	≤8.00	PASS
		2437	-17.61	99.41	0.03	-17.58	≤8.00	PASS
		2462	-18.31	99.64	0.02	-18.29	≤8.00	PASS
11G	Ant1	2412	-20.63	97.22	0.12	-20.51	≤8.00	PASS
		2437	-19.44	96.53	0.15	-19.29	≤8.00	PASS
		2462	-21.18	96.53	0.15	-21.03	≤8.00	PASS
11N20 SISO	Ant1	2412	-21.23	96.30	0.16	-21.07	≤8.00	PASS
		2437	-20.11	97.01	0.13	-19.98	≤8.00	PASS
		2462	-21.29	97.04	0.13	-21.16	≤8.00	PASS
11N40 SISO	Ant1	2422	-22.37	92.75	0.33	-22.04	≤8.00	PASS
		2437	-20.12	92.86	0.32	-19.80	≤8.00	PASS
		2452	-21.62	92.86	0.32	-21.30	≤8.00	PASS

Test Graphs

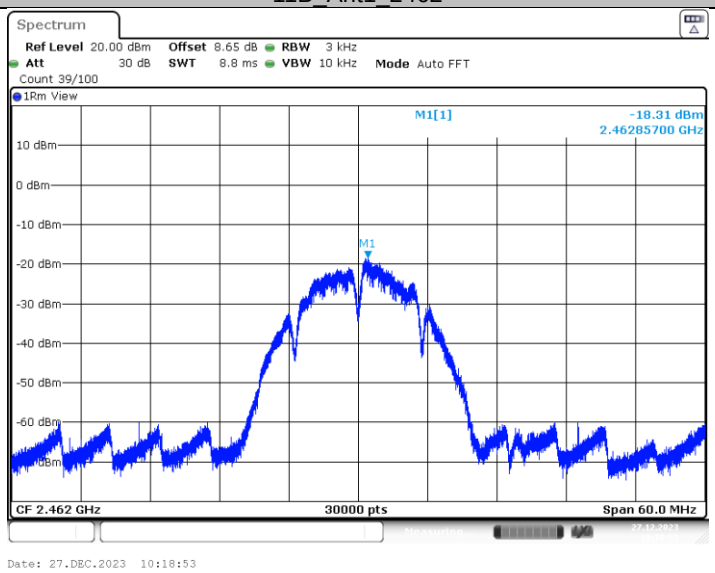
11B_Ant1_2412



11B_Ant1_2437



11B_Ant1_2462



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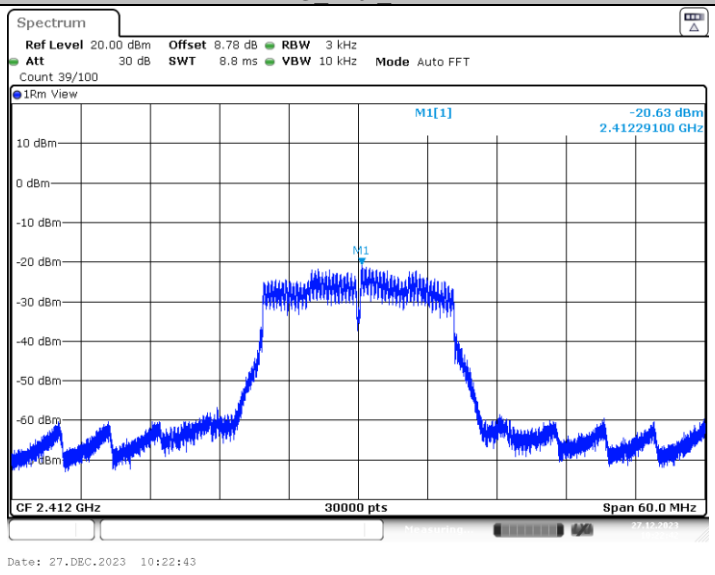

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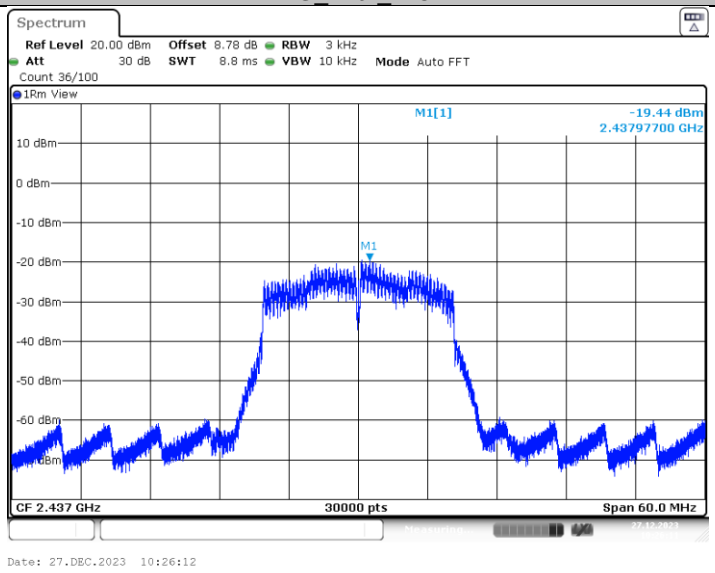

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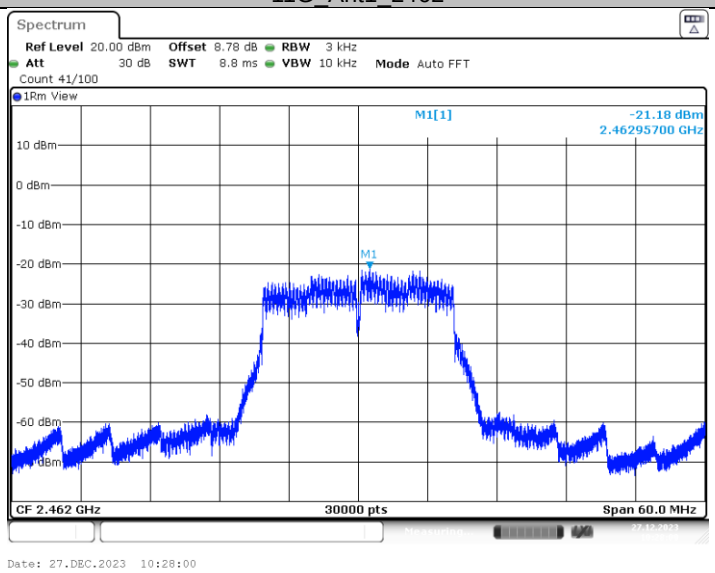

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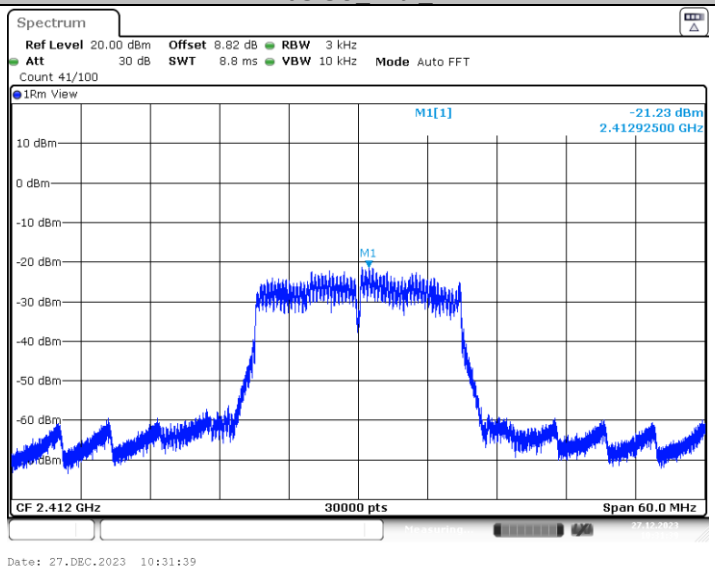

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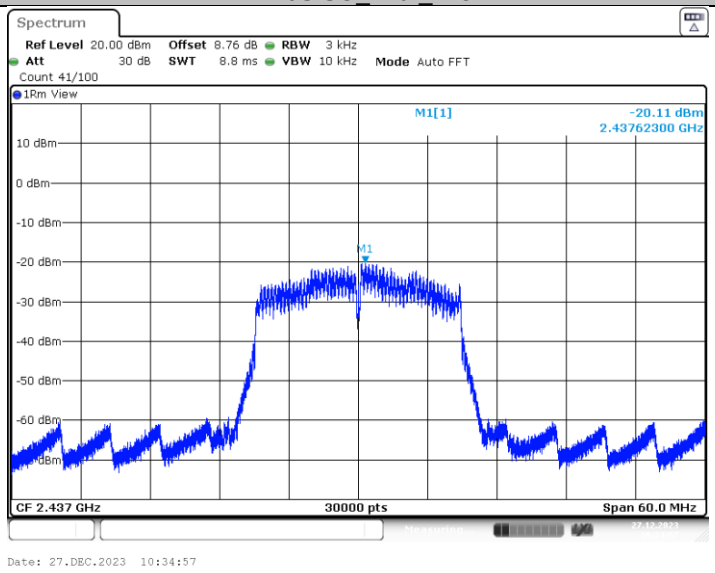

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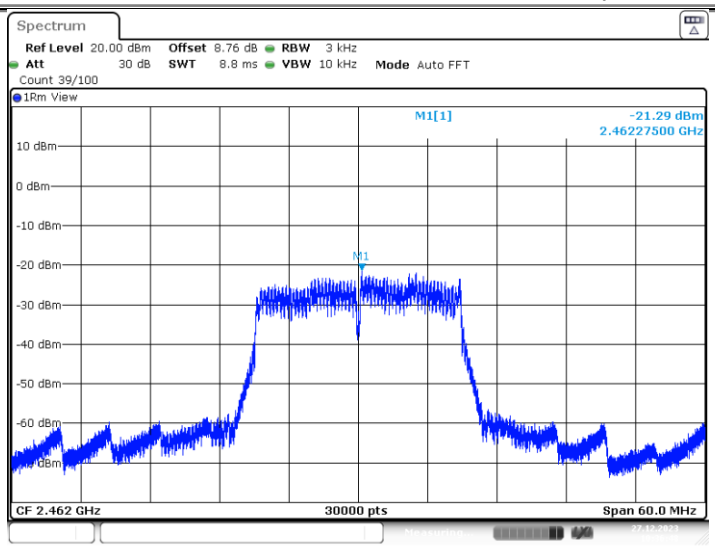

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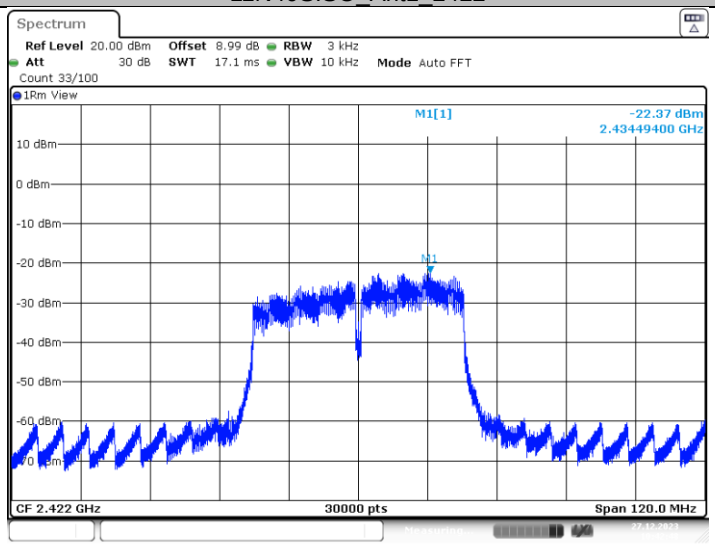

Date: 27.DEC.2023 10:42:48

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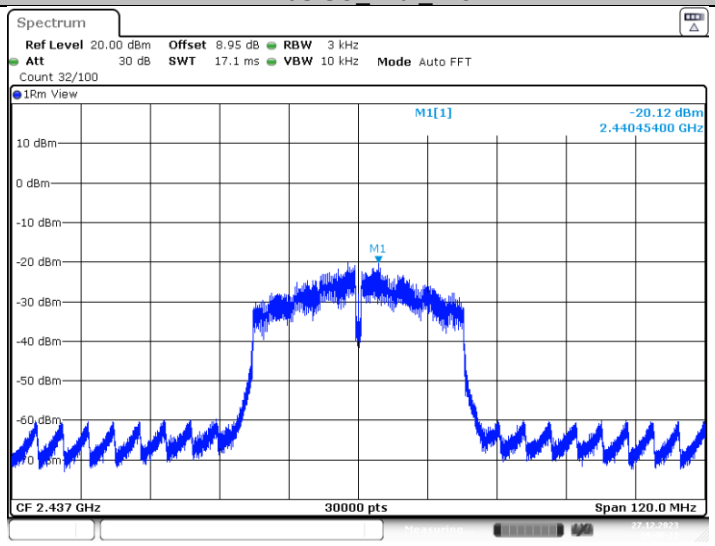

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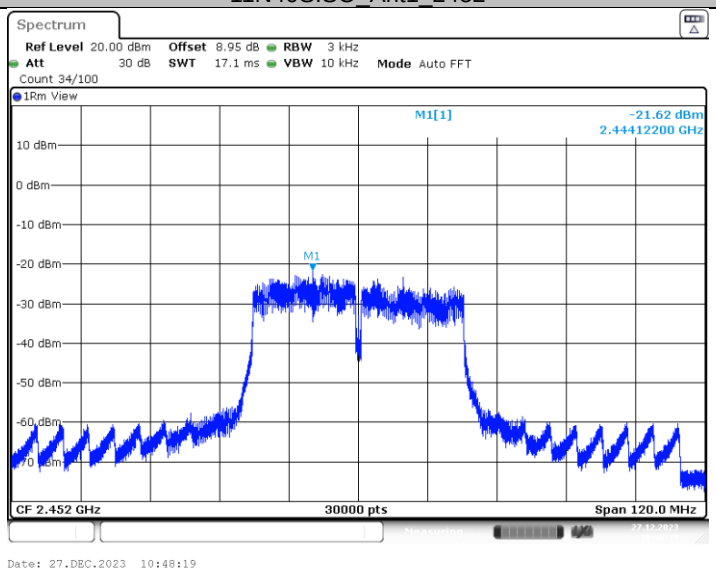

End of Test Report