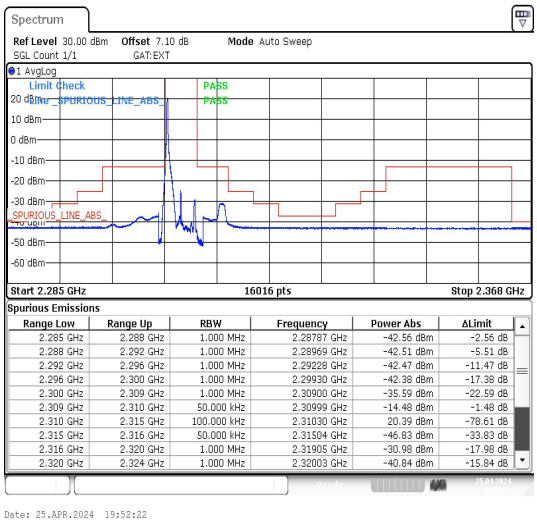
Band40_5MHz_QPSK_38725_25RB#0



Spurious Emissions

Range Low	Range Up	RBW	Frequency	Power Abs	ΔLimit
2.285 GHz	2.288 GHz	1.000 MHz	2.28787 GHz	-42.56 dBm	-2.56 dB
2.288 GHz	2.292 GHz	1.000 MHz	2.28969 GHz	-42.51 dBm	-5.51 dB
2.292 GHz	2.296 GHz	1.000 MHz	2.29228 GHz	-42.47 dBm	-11.47 dB
2.296 GHz	2.300 GHz	1.000 MHz	2.29930 GHz	-42.38 dBm	-17.38 dB
2.300 GHz	2.309 GHz	1.000 MHz	2.30900 GHz	-35.59 dBm	-22.59 dB
2.309 GHz	2.310 GHz	50.000 kHz	2.30999 GHz	-14.48 dBm	-1.48 dB
2.310 GHz	2.315 GHz	100.000 kHz	2.31030 GHz	20.39 dBm	-78.61 dB
2.315 GHz	2.316 GHz	50.000 kHz	2.31504 GHz	-46.83 dBm	-33.83 dB
2.316 GHz	2.320 GHz	1.000 MHz	2.31905 GHz	-30.98 dBm	-17.98 dB
2.320 GHz	2.324 GHz	1.000 MHz	2.32003 GHz	-40.84 dBm	-15.84 dB

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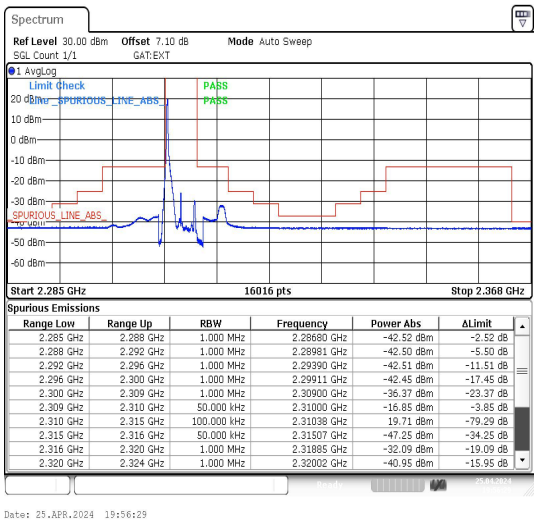
Band40_5MHz_16QAM_38725_25RB#0

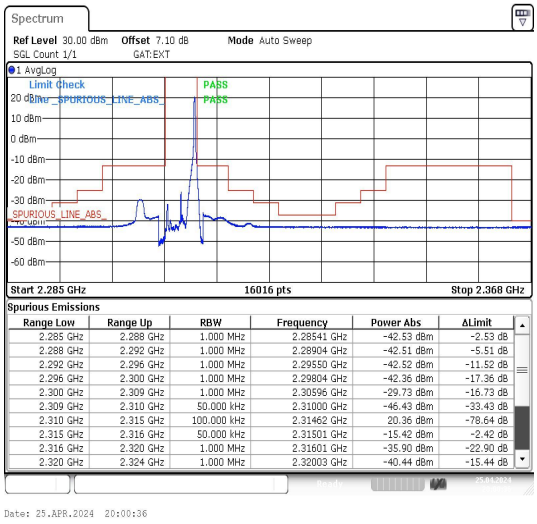


Spurious Emissions

Range Low	Range Up	RBW	Frequency	Power Abs	ΔLimit
2.285 GHz	2.288 GHz	1.000 MHz	2.28680 GHz	-42.52 dBm	-2.52 dB
2.288 GHz	2.292 GHz	1.000 MHz	2.28981 GHz	-42.50 dBm	-5.50 dB
2.292 GHz	2.296 GHz	1.000 MHz	2.29390 GHz	-42.51 dBm	-11.51 dB
2.296 GHz	2.300 GHz	1.000 MHz	2.29911 GHz	-42.45 dBm	-17.45 dB
2.300 GHz	2.309 GHz	1.000 MHz	2.30900 GHz	-36.37 dBm	-23.37 dB
2.309 GHz	2.310 GHz	50.000 kHz	2.31000 GHz	-16.85 dBm	-3.85 dB
2.310 GHz	2.315 GHz	100.000 kHz	2.31038 GHz	19.71 dBm	-79.29 dB
2.315 GHz	2.316 GHz	50.000 kHz	2.31507 GHz	-47.25 dBm	-34.25 dB
2.316 GHz	2.320 GHz	1.000 MHz	2.31885 GHz	-32.09 dBm	-19.09 dB
2.320 GHz	2.324 GHz	1.000 MHz	2.32002 GHz	-40.95 dBm	-15.95 dB

Date: 25.APR.2024 19:56:29

Band40_5MHz_QPSK_38775_1RB#0

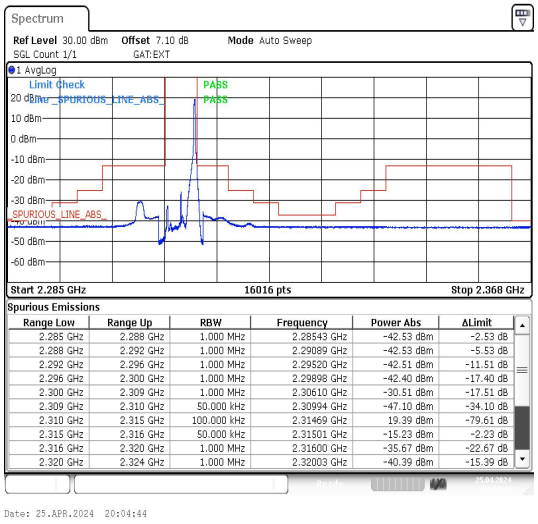


Spurious Emissions

Range Low	Range Up	RBW	Frequency	Power Abs	ΔLimit
2.285 GHz	2.288 GHz	1.000 MHz	2.28541 GHz	-42.53 dBm	-2.53 dB
2.288 GHz	2.292 GHz	1.000 MHz	2.28904 GHz	-42.51 dBm	-5.51 dB
2.292 GHz	2.296 GHz	1.000 MHz	2.29550 GHz	-42.52 dBm	-11.52 dB
2.296 GHz	2.300 GHz	1.000 MHz	2.29804 GHz	-42.36 dBm	-17.36 dB
2.300 GHz	2.309 GHz	1.000 MHz	2.30596 GHz	-29.73 dBm	-16.73 dB
2.309 GHz	2.310 GHz	50.000 kHz	2.31000 GHz	-46.43 dBm	-33.43 dB
2.310 GHz	2.315 GHz	100.000 kHz	2.31462 GHz	20.36 dBm	-78.64 dB
2.315 GHz	2.316 GHz	50.000 kHz	2.31501 GHz	-15.42 dBm	-2.42 dB
2.316 GHz	2.320 GHz	1.000 MHz	2.31601 GHz	-35.90 dBm	-22.90 dB
2.320 GHz	2.324 GHz	1.000 MHz	2.32003 GHz	-40.44 dBm	-15.44 dB

Date: 25.APR.2024 20:00:36

Band40_5MHz_16QAM_38775_1RB#0

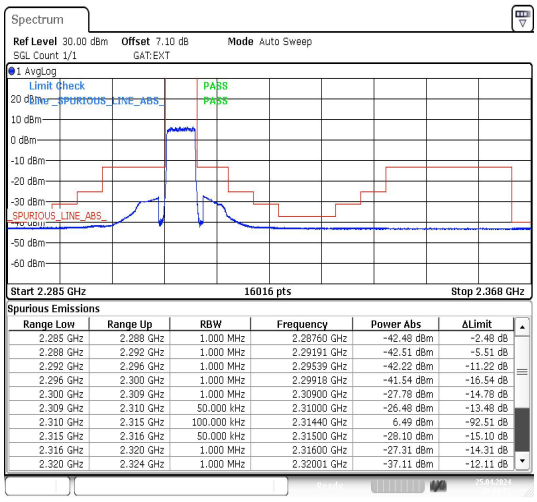


Spurious Emissions

Range Low	Range Up	RBW	Frequency	Power Abs	ΔLimit
2.285 GHz	2.288 GHz	1.000 MHz	2.28543 GHz	-42.53 dBm	-2.53 dB
2.288 GHz	2.292 GHz	1.000 MHz	2.29089 GHz	-42.53 dBm	-5.53 dB
2.292 GHz	2.296 GHz	1.000 MHz	2.29520 GHz	-42.51 dBm	-11.51 dB
2.296 GHz	2.300 GHz	1.000 MHz	2.29898 GHz	-42.40 dBm	-17.40 dB
2.300 GHz	2.309 GHz	1.000 MHz	2.30610 GHz	-30.51 dBm	-17.51 dB
2.309 GHz	2.310 GHz	50.000 kHz	2.30994 GHz	-47.10 dBm	-34.10 dB
2.310 GHz	2.315 GHz	100.000 kHz	2.31469 GHz	19.39 dBm	-79.61 dB
2.315 GHz	2.316 GHz	50.000 kHz	2.31501 GHz	-15.23 dBm	-2.23 dB
2.316 GHz	2.320 GHz	1.000 MHz	2.31600 GHz	-35.67 dBm	-22.67 dB
2.320 GHz	2.324 GHz	1.000 MHz	2.32003 GHz	-40.39 dBm	-15.39 dB

Date: 25.APR.2024 20:04:44

Band40_5MHz_QPSK_38775_1RB#24

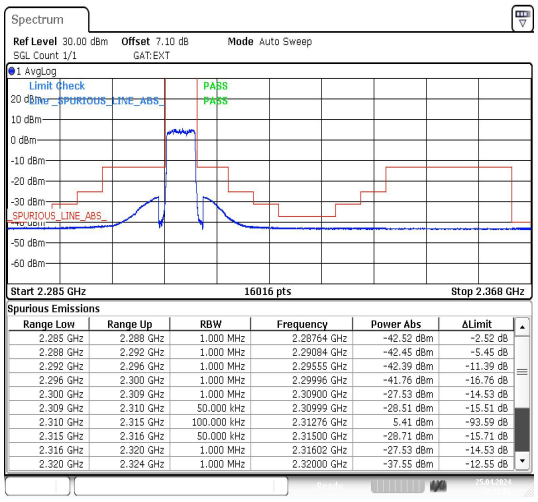


Spurious Emissions

Range Low	Range Up	RBW	Frequency	Power Abs	ΔLimit
2.285 GHz	2.288 GHz	1.000 MHz	2.28760 GHz	-42.48 dBm	-2.48 dB
2.288 GHz	2.292 GHz	1.000 MHz	2.29191 GHz	-42.51 dBm	-5.51 dB
2.292 GHz	2.296 GHz	1.000 MHz	2.29539 GHz	-42.22 dBm	-11.22 dB
2.296 GHz	2.300 GHz	1.000 MHz	2.29918 GHz	-41.54 dBm	-16.54 dB
2.300 GHz	2.309 GHz	1.000 MHz	2.30900 GHz	-27.78 dBm	-14.78 dB
2.309 GHz	2.310 GHz	50.000 kHz	2.31000 GHz	-26.48 dBm	-13.48 dB
2.310 GHz	2.315 GHz	100.000 kHz	2.31440 GHz	6.49 dBm	-92.51 dB
2.315 GHz	2.316 GHz	50.000 kHz	2.31500 GHz	-28.10 dBm	-15.10 dB
2.316 GHz	2.320 GHz	1.000 MHz	2.31600 GHz	-27.31 dBm	-14.31 dB
2.320 GHz	2.324 GHz	1.000 MHz	2.32001 GHz	-37.11 dBm	-12.11 dB

Date: 25.APR.2024 20:08:51

Band40_5MHz_16QAM_38775_1RB#24



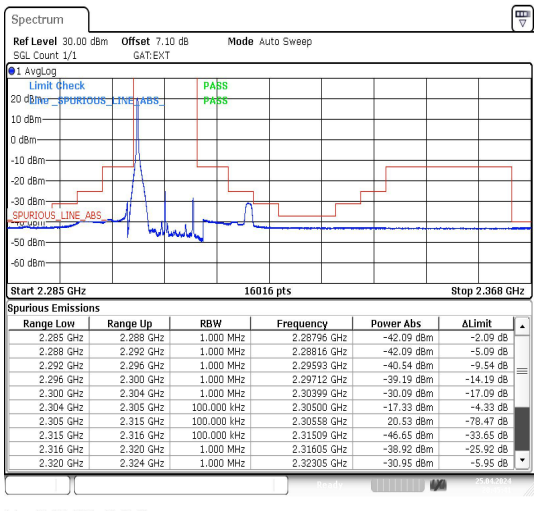
Spurious Emissions

Range Low	Range Up	RBW	Frequency	Power Abs	ΔLimit
2.285 GHz	2.288 GHz	1.000 MHz	2.28764 GHz	-42.52 dBm	-2.52 dB
2.288 GHz	2.292 GHz	1.000 MHz	2.29084 GHz	-42.45 dBm	-5.45 dB
2.292 GHz	2.296 GHz	1.000 MHz	2.29555 GHz	-42.39 dBm	-11.39 dB
2.296 GHz	2.300 GHz	1.000 MHz	2.29996 GHz	-41.76 dBm	-16.76 dB
2.300 GHz	2.309 GHz	1.000 MHz	2.30900 GHz	-27.53 dBm	-14.53 dB
2.309 GHz	2.310 GHz	50.000 kHz	2.30999 GHz	-28.51 dBm	-15.51 dB
2.310 GHz	2.315 GHz	100.000 kHz	2.31276 GHz	5.41 dBm	-93.59 dB
2.315 GHz	2.316 GHz	50.000 kHz	2.31500 GHz	-28.71 dBm	-15.71 dB
2.316 GHz	2.320 GHz	1.000 MHz	2.31602 GHz	-27.53 dBm	-14.53 dB
2.320 GHz	2.324 GHz	1.000 MHz	2.32000 GHz	-37.55 dBm	-12.55 dB

Date: 25.APR.2024 20:12:57

Band40_5MHz_QPSK_38775_25RB#0

Band40_5MHz_16QAM_38775_25RB#0



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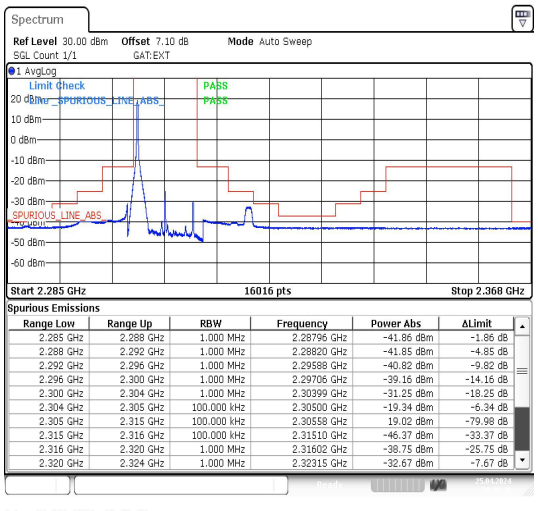

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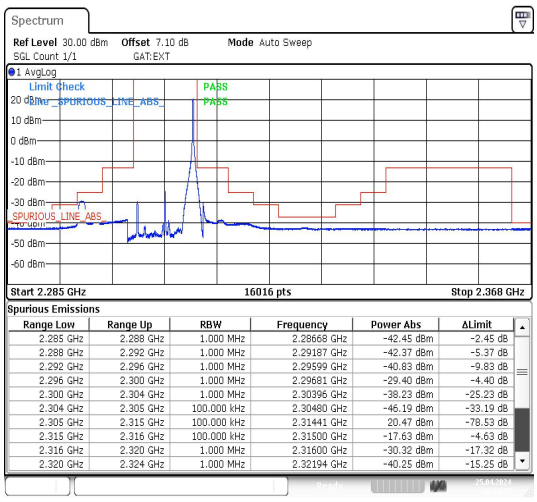

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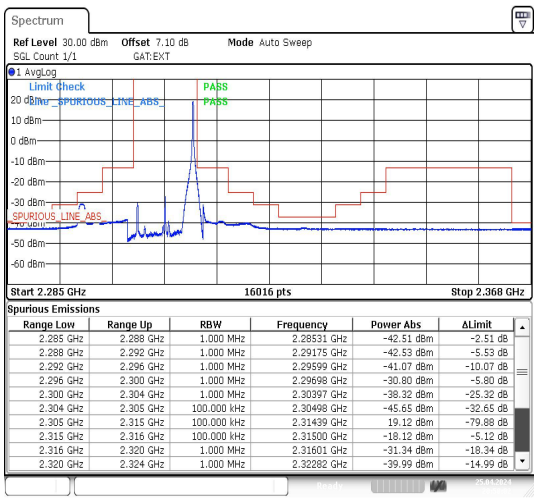
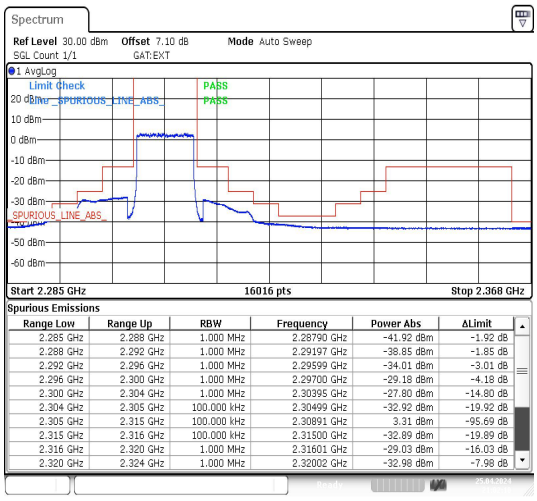


Band40_10MHz_16QAM_38750_1RB#49



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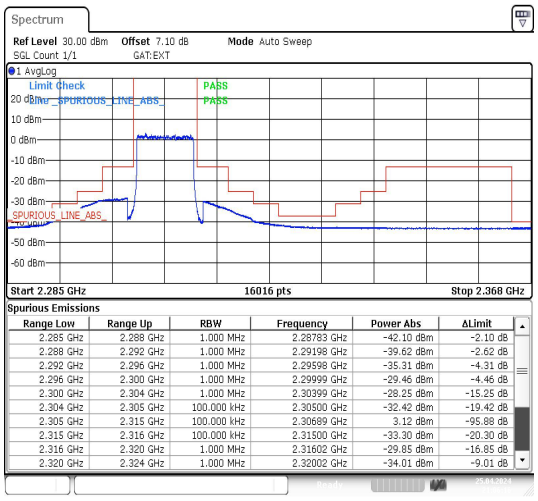


Band40_10MHz_16QAM_38750_50RB#0

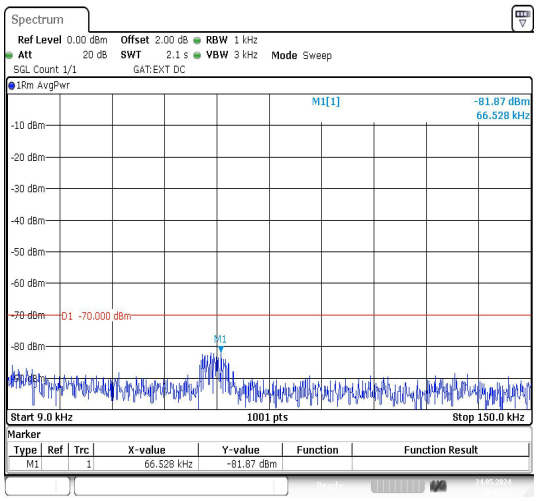
Appendix E: Conducted Spurious Emission

Test Result

Band	Bandwidth	Modulation	Channel	RB Configuration	Frequency Range	Result (dBm)	Verdict
40(2305-2315)	5MHz	QPSK	38725	1RB#0	0.009~0.15	-81.87	PASS
40(2305-2315)	5MHz	QPSK	38725	1RB#0	0.15~30	-83.98	PASS
40(2305-2315)	5MHz	QPSK	38725	1RB#0	30~1000	-64.47	PASS
40(2305-2315)	5MHz	QPSK	38725	1RB#0	1000~3000	-50.49	PASS
40(2305-2315)	5MHz	QPSK	38725	1RB#0	3000~26500	-52.65	PASS
40(2305-2315)	5MHz	16QAM	38725	1RB#0	0.009~0.15	-79.60	PASS
40(2305-2315)	5MHz	16QAM	38725	1RB#0	0.15~30	-83.73	PASS
40(2305-2315)	5MHz	16QAM	38725	1RB#0	30~1000	-64.42	PASS
40(2305-2315)	5MHz	16QAM	38725	1RB#0	1000~3000	-50.42	PASS
40(2305-2315)	5MHz	16QAM	38725	1RB#0	3000~26500	-52.82	PASS
40(2305-2315)	5MHz	QPSK	38750	1RB#0	0.009~0.15	-82.21	PASS
40(2305-2315)	5MHz	QPSK	38750	1RB#0	0.15~30	-83.96	PASS
40(2305-2315)	5MHz	QPSK	38750	1RB#0	30~1000	-64.63	PASS
40(2305-2315)	5MHz	QPSK	38750	1RB#0	1000~3000	-50.32	PASS
40(2305-2315)	5MHz	QPSK	38750	1RB#0	3000~26500	-53.09	PASS
40(2305-2315)	5MHz	16QAM	38750	1RB#0	0.009~0.15	-81.99	PASS
40(2305-2315)	5MHz	16QAM	38750	1RB#0	0.15~30	-83.72	PASS
40(2305-2315)	5MHz	16QAM	38750	1RB#0	30~1000	-64.53	PASS
40(2305-2315)	5MHz	16QAM	38750	1RB#0	1000~3000	-50.26	PASS
40(2305-2315)	5MHz	16QAM	38750	1RB#0	3000~26500	-53.08	PASS
40(2305-2315)	5MHz	QPSK	38775	1RB#0	0.009~0.15	-83.09	PASS
40(2305-2315)	5MHz	QPSK	38775	1RB#0	0.15~30	-82.50	PASS
40(2305-2315)	5MHz	QPSK	38775	1RB#0	30~1000	-64.68	PASS
40(2305-2315)	5MHz	QPSK	38775	1RB#0	1000~3000	-50.34	PASS
40(2305-2315)	5MHz	QPSK	38775	1RB#0	3000~26500	-51.20	PASS
40(2305-2315)	5MHz	16QAM	38775	1RB#0	0.009~0.15	-81.97	PASS
40(2305-2315)	5MHz	16QAM	38775	1RB#0	0.15~30	-83.58	PASS
40(2305-2315)	5MHz	16QAM	38775	1RB#0	30~1000	-64.21	PASS
40(2305-2315)	5MHz	16QAM	38775	1RB#0	1000~3000	-50.48	PASS
40(2305-2315)	5MHz	16QAM	38775	1RB#0	3000~26500	-52.68	PASS
40(2305-2315)	10MHz	QPSK	38750	1RB#0	0.009~0.15	-70.64	PASS
40(2305-2315)	10MHz	QPSK	38750	1RB#0	0.15~30	-84.60	PASS
40(2305-2315)	10MHz	QPSK	38750	1RB#0	30~1000	-64.44	PASS
40(2305-2315)	10MHz	QPSK	38750	1RB#0	1000~3000	-50.56	PASS
40(2305-2315)	10MHz	QPSK	38750	1RB#0	3000~26500	-50.91	PASS
40(2305-2315)	10MHz	16QAM	38750	1RB#0	0.009~0.15	-70.20	PASS

40(2305-2315)	10MHz	16QAM	38750	1RB#0	0.15~30	-83.56	PASS
40(2305-2315)	10MHz	16QAM	38750	1RB#0	30~1000	-64.52	PASS
40(2305-2315)	10MHz	16QAM	38750	1RB#0	1000~3000	-50.52	PASS
40(2305-2315)	10MHz	16QAM	38750	1RB#0	3000~26500	-51.88	PASS

Test Graphs



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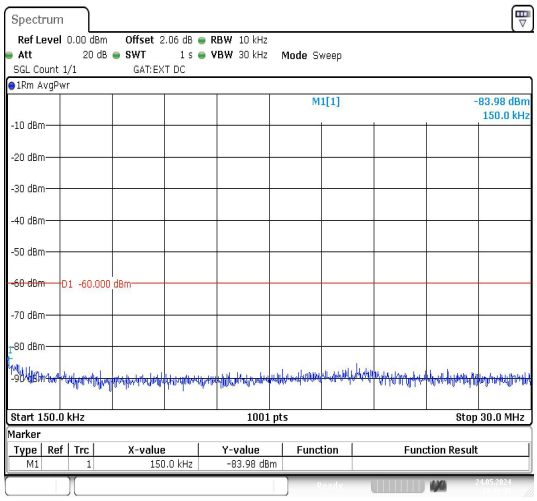

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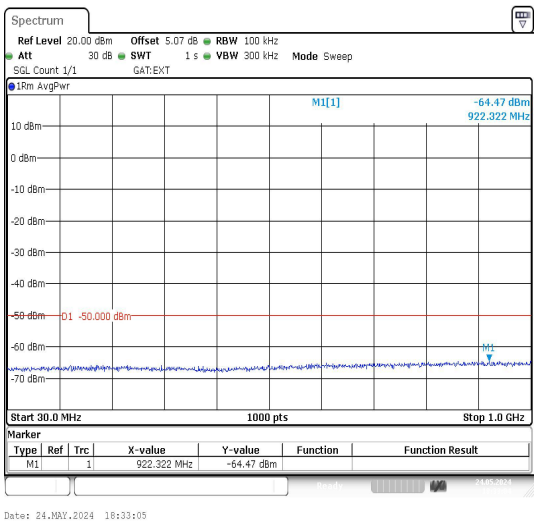

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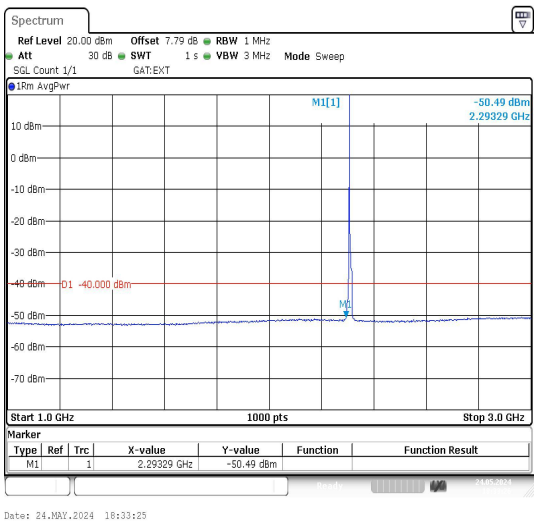

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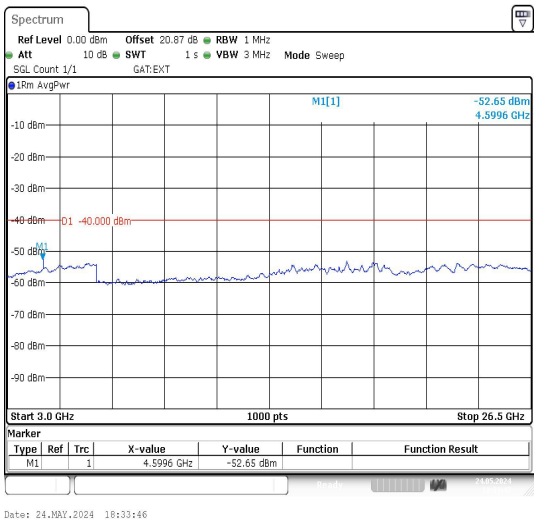

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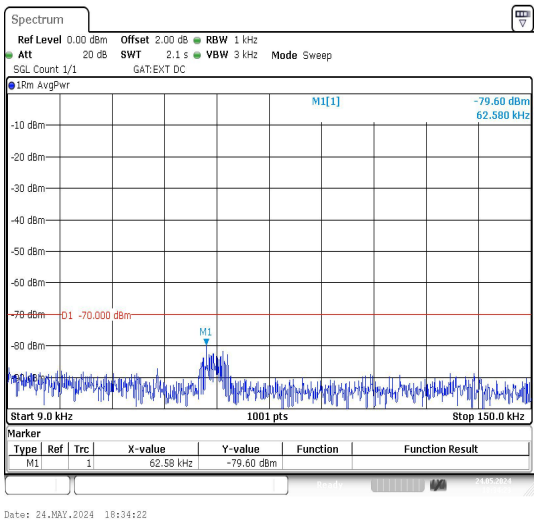

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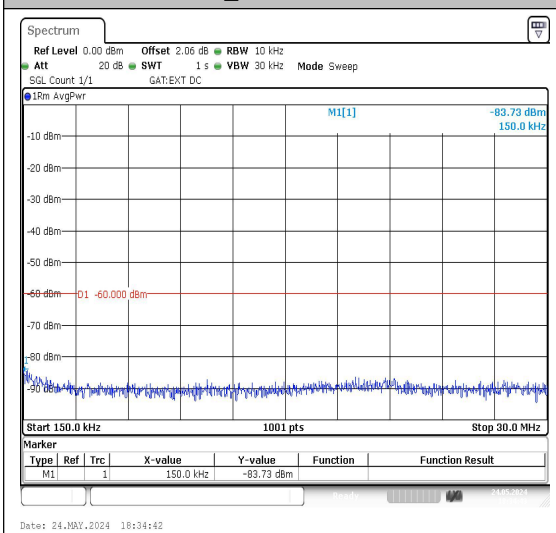

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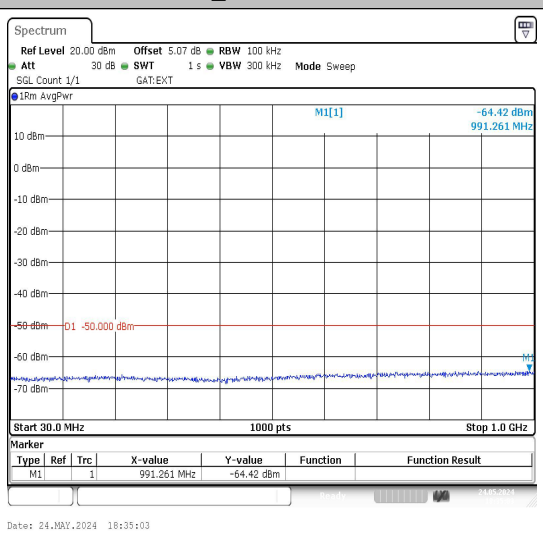
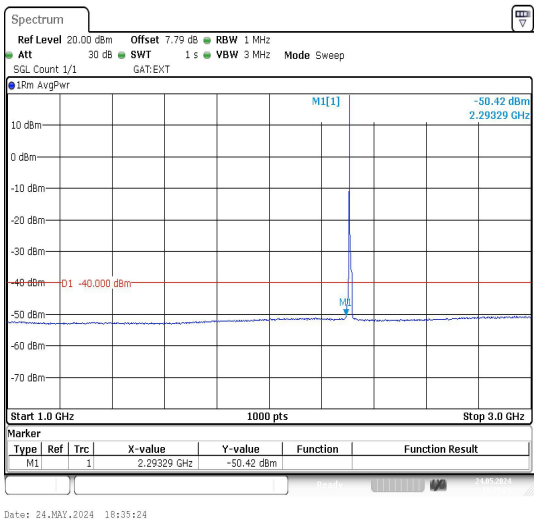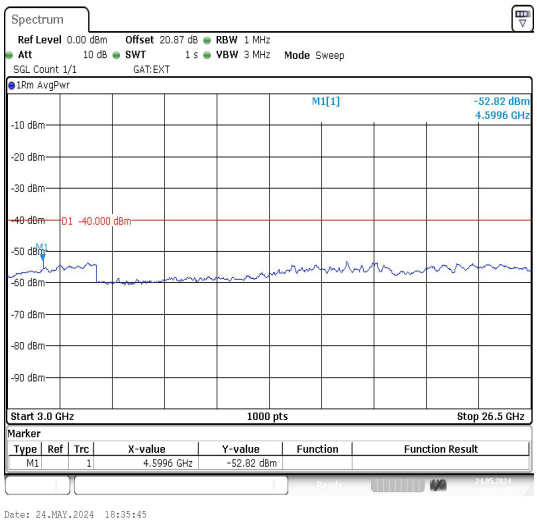
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