

## **Appendix for LTE BAND 38CA**

Product Name: CSX8

Model No: LGT-08QA-2301

## Appendix A: Average Power Output Data

### Test Result

Band	Bandwidth	Modulation	Channel	RB Configuration	Result(dBm)	Verdict
38-38	15MHz-15MHz	QPSK-QPSK	37825-37975	1RB#0-0RB#0	21.91	PASS
38-38	15MHz-15MHz	16QAM-16QAM	37825-37975	1RB#0-0RB#0	21.29	PASS
38-38	15MHz-15MHz	64QAM-64QAM	37825-37975	1RB#0-0RB#0	21.23	PASS
38-38	15MHz-15MHz	QPSK-QPSK	37825-37975	1RB#74-0RB#0	21.87	PASS
38-38	15MHz-15MHz	16QAM-16QAM	37825-37975	1RB#74-0RB#0	21.29	PASS
38-38	15MHz-15MHz	64QAM-64QAM	37825-37975	1RB#74-0RB#0	21.27	PASS
38-38	15MHz-15MHz	QPSK-QPSK	37825-37975	1RB#0-1RB#74	20.85	PASS
38-38	15MHz-15MHz	16QAM-16QAM	37825-37975	1RB#0-1RB#74	20.89	PASS
38-38	15MHz-15MHz	64QAM-64QAM	37825-37975	1RB#0-1RB#74	20.88	PASS
38-38	15MHz-15MHz	QPSK-QPSK	37825-37975	16RB#0-0RB#0	21.91	PASS
38-38	15MHz-15MHz	16QAM-16QAM	37825-37975	16RB#0-0RB#0	21.08	PASS
38-38	15MHz-15MHz	64QAM-64QAM	37825-37975	16RB#0-0RB#0	21.14	PASS
38-38	15MHz-15MHz	QPSK-QPSK	37825-37975	75RB#0-75RB#0	20.79	PASS
38-38	15MHz-15MHz	16QAM-16QAM	37825-37975	75RB#0-75RB#0	20.92	PASS
38-38	15MHz-15MHz	64QAM-64QAM	37825-37975	75RB#0-75RB#0	20.88	PASS
38-38	15MHz-15MHz	QPSK-QPSK	37925-38075	1RB#0-0RB#0	21.84	PASS
38-38	15MHz-15MHz	16QAM-16QAM	37925-38075	1RB#0-0RB#0	21.31	PASS
38-38	15MHz-15MHz	64QAM-64QAM	37925-38075	1RB#0-0RB#0	21.40	PASS
38-38	15MHz-15MHz	QPSK-QPSK	37925-38075	1RB#74-0RB#0	22.13	PASS
38-38	15MHz-15MHz	16QAM-16QAM	37925-38075	1RB#74-0RB#0	21.49	PASS
38-38	15MHz-15MHz	64QAM-64QAM	37925-38075	1RB#74-0RB#0	21.48	PASS
38-38	15MHz-15MHz	QPSK-QPSK	37925-38075	1RB#0-1RB#74	20.66	PASS
38-38	15MHz-15MHz	16QAM-16QAM	37925-38075	1RB#0-1RB#74	20.93	PASS
38-38	15MHz-15MHz	64QAM-64QAM	37925-38075	1RB#0-1RB#74	20.63	PASS
38-38	15MHz-15MHz	QPSK-QPSK	37925-38075	16RB#0-0RB#0	21.97	PASS
38-38	15MHz-15MHz	16QAM-16QAM	37925-38075	16RB#0-0RB#0	21.09	PASS
38-38	15MHz-15MHz	64QAM-64QAM	37925-38075	16RB#0-0RB#0	21.27	PASS
38-38	15MHz-15MHz	QPSK-QPSK	37925-38075	75RB#0-75RB#0	20.65	PASS
38-38	15MHz-15MHz	16QAM-16QAM	37925-38075	75RB#0-75RB#0	20.85	PASS
38-38	15MHz-15MHz	64QAM-64QAM	37925-38075	75RB#0-75RB#0	20.75	PASS
38-38	15MHz-15MHz	QPSK-QPSK	38025-38175	1RB#0-0RB#0	22.09	PASS
38-38	15MHz-15MHz	16QAM-16QAM	38025-38175	1RB#0-0RB#0	21.53	PASS
38-38	15MHz-15MHz	64QAM-64QAM	38025-38175	1RB#0-0RB#0	21.54	PASS

38-38	15MHz-15MHz	QPSK-QPSK	38025-38175	1RB#74-0RB#0	22.21	PASS
38-38	15MHz-15MHz	16QAM-16QAM	38025-38175	1RB#74-0RB#0	21.58	PASS
38-38	15MHz-15MHz	64QAM-64QAM	38025-38175	1RB#74-0RB#0	21.55	PASS
38-38	15MHz-15MHz	QPSK-QPSK	38025-38175	1RB#0-1RB#74	20.59	PASS
38-38	15MHz-15MHz	16QAM-16QAM	38025-38175	1RB#0-1RB#74	20.87	PASS
38-38	15MHz-15MHz	64QAM-64QAM	38025-38175	1RB#0-1RB#74	20.87	PASS
38-38	15MHz-15MHz	QPSK-QPSK	38025-38175	16RB#0-0RB#0	22.26	PASS
38-38	15MHz-15MHz	16QAM-16QAM	38025-38175	16RB#0-0RB#0	21.36	PASS
38-38	15MHz-15MHz	64QAM-64QAM	38025-38175	16RB#0-0RB#0	21.35	PASS
38-38	15MHz-15MHz	QPSK-QPSK	38025-38175	75RB#0-75RB#0	21.18	PASS
38-38	15MHz-15MHz	16QAM-16QAM	38025-38175	75RB#0-75RB#0	20.49	PASS
38-38	15MHz-15MHz	64QAM-64QAM	38025-38175	75RB#0-75RB#0	20.76	PASS
38-38	20MHz-20MHz	QPSK-QPSK	37850-38048	1RB#0-0RB#0	21.94	PASS
38-38	20MHz-20MHz	16QAM-16QAM	37850-38048	1RB#0-0RB#0	21.02	PASS
38-38	20MHz-20MHz	64QAM-64QAM	37850-38048	1RB#0-0RB#0	21.13	PASS
38-38	20MHz-20MHz	QPSK-QPSK	37850-38048	1RB#99-0RB#0	22.18	PASS
38-38	20MHz-20MHz	16QAM-16QAM	37850-38048	1RB#99-0RB#0	21.04	PASS
38-38	20MHz-20MHz	64QAM-64QAM	37850-38048	1RB#99-0RB#0	21.22	PASS
38-38	20MHz-20MHz	QPSK-QPSK	37850-38048	1RB#0-1RB#99	20.48	PASS
38-38	20MHz-20MHz	16QAM-16QAM	37850-38048	1RB#0-1RB#99	20.48	PASS
38-38	20MHz-20MHz	64QAM-64QAM	37850-38048	1RB#0-1RB#99	20.51	PASS
38-38	20MHz-20MHz	QPSK-QPSK	37850-38048	18RB#0-0RB#0	21.87	PASS
38-38	20MHz-20MHz	16QAM-16QAM	37850-38048	18RB#0-0RB#0	20.94	PASS
38-38	20MHz-20MHz	64QAM-64QAM	37850-38048	18RB#0-0RB#0	20.90	PASS
38-38	20MHz-20MHz	QPSK-QPSK	37850-38048	100RB#0-100RB#0	20.90	PASS
38-38	20MHz-20MHz	16QAM-16QAM	37850-38048	100RB#0-100RB#0	20.96	PASS
38-38	20MHz-20MHz	64QAM-64QAM	37850-38048	100RB#0-100RB#0	20.96	PASS
38-38	20MHz-20MHz	QPSK-QPSK	37901-38099	1RB#0-0RB#0	22.04	PASS
38-38	20MHz-20MHz	16QAM-16QAM	37901-38099	1RB#0-0RB#0	20.94	PASS
38-38	20MHz-20MHz	64QAM-64QAM	37901-38099	1RB#0-0RB#0	20.94	PASS
38-38	20MHz-20MHz	QPSK-QPSK	37901-38099	1RB#99-0RB#0	22.26	PASS
38-38	20MHz-20MHz	16QAM-16QAM	37901-38099	1RB#99-0RB#0	20.97	PASS
38-38	20MHz-20MHz	64QAM-64QAM	37901-38099	1RB#99-0RB#0	21.17	PASS
38-38	20MHz-20MHz	QPSK-QPSK	37901-38099	1RB#0-1RB#99	20.47	PASS
38-38	20MHz-20MHz	16QAM-16QAM	37901-38099	1RB#0-1RB#99	20.51	PASS
38-38	20MHz-20MHz	64QAM-64QAM	37901-38099	1RB#0-1RB#99	20.47	PASS
38-38	20MHz-20MHz	QPSK-QPSK	37901-38099	18RB#0-0RB#0	21.90	PASS
38-38	20MHz-20MHz	16QAM-16QAM	37901-38099	18RB#0-0RB#0	21.12	PASS
38-38	20MHz-20MHz	64QAM-64QAM	37901-38099	18RB#0-0RB#0	20.95	PASS
38-38	20MHz-20MHz	QPSK-QPSK	37901-38099	100RB#0-100RB#0	20.99	PASS
38-38	20MHz-20MHz	16QAM-16QAM	37901-38099	100RB#0-100RB#0	20.87	PASS
38-38	20MHz-20MHz	64QAM-64QAM	37901-38099	100RB#0-100RB#0	20.69	PASS

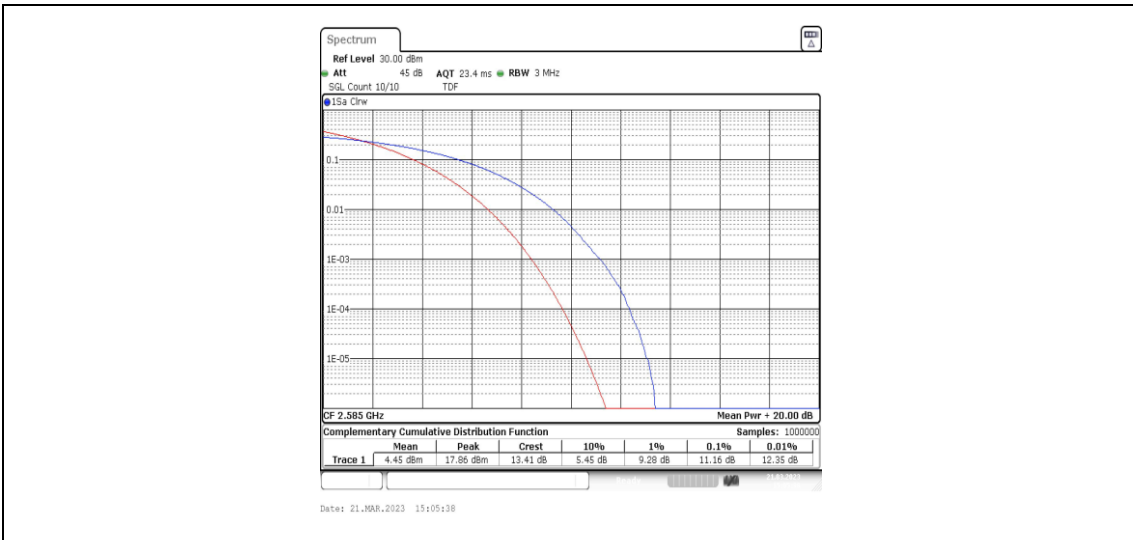
38-38	20MHz-20MHz	QPSK-QPSK	37952-38150	1RB#0-0RB#0	22.15	PASS
38-38	20MHz-20MHz	16QAM-16QAM	37952-38150	1RB#0-0RB#0	21.07	PASS
38-38	20MHz-20MHz	64QAM-64QAM	37952-38150	1RB#0-0RB#0	21.09	PASS
38-38	20MHz-20MHz	QPSK-QPSK	37952-38150	1RB#99-0RB#0	22.31	PASS
38-38	20MHz-20MHz	16QAM-16QAM	37952-38150	1RB#99-0RB#0	21.24	PASS
38-38	20MHz-20MHz	64QAM-64QAM	37952-38150	1RB#99-0RB#0	21.28	PASS
38-38	20MHz-20MHz	QPSK-QPSK	37952-38150	1RB#0-1RB#99	20.56	PASS
38-38	20MHz-20MHz	16QAM-16QAM	37952-38150	1RB#0-1RB#99	20.56	PASS
38-38	20MHz-20MHz	64QAM-64QAM	37952-38150	1RB#0-1RB#99	20.53	PASS
38-38	20MHz-20MHz	QPSK-QPSK	37952-38150	18RB#0-0RB#0	22.01	PASS
38-38	20MHz-20MHz	16QAM-16QAM	37952-38150	18RB#0-0RB#0	21.05	PASS
38-38	20MHz-20MHz	64QAM-64QAM	37952-38150	18RB#0-0RB#0	21.07	PASS
38-38	20MHz-20MHz	QPSK-QPSK	37952-38150	100RB#0-100RB#0	21.13	PASS
38-38	20MHz-20MHz	16QAM-16QAM	37952-38150	100RB#0-100RB#0	20.56	PASS
38-38	20MHz-20MHz	64QAM-64QAM	37952-38150	100RB#0-100RB#0	20.57	PASS

## Appendix B: Peak-to-Average Ratio(CCDF)

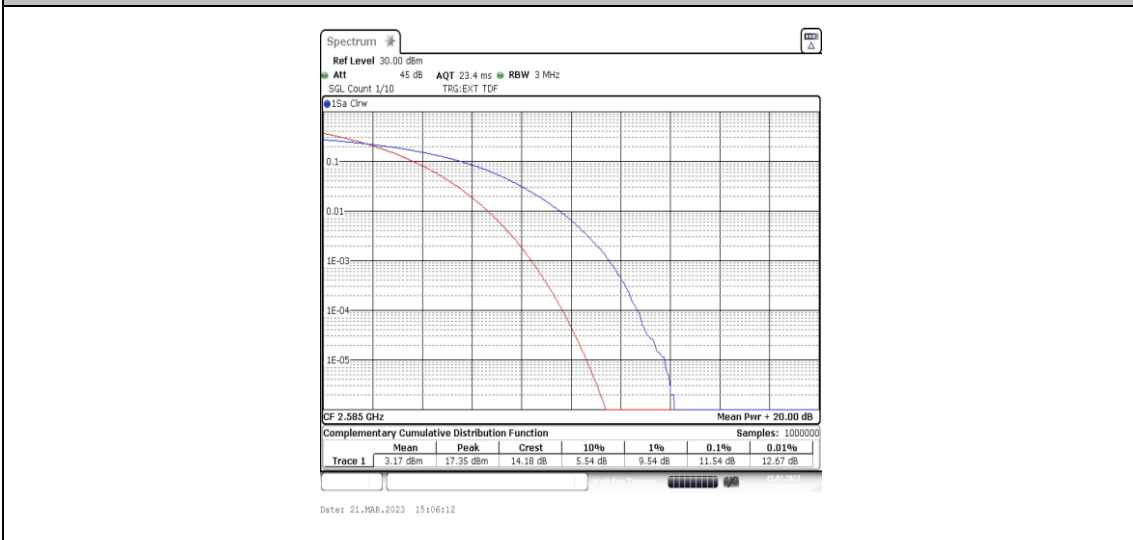
### Test Result

Band	Bandwidth	Modulation	Channel	RB Configuration	Result(dB)	Limit(dB)	Verdict
38-38	15MHz-15MHz	QPSK-QPSK	37825-37975	75RB#0-75RB#0	11.16	13	PASS
38-38	15MHz-15MHz	16QAM-16QAM	37825-37975	75RB#0-75RB#0	11.54	13	PASS
38-38	15MHz-15MHz	64QAM-64QAM	37825-37975	75RB#0-75RB#0	11.25	13	PASS
38-38	15MHz-15MHz	QPSK-QPSK	37925-38075	75RB#0-75RB#0	9.22	13	PASS
38-38	15MHz-15MHz	16QAM-16QAM	37925-38075	75RB#0-75RB#0	11.30	13	PASS
38-38	15MHz-15MHz	64QAM-64QAM	37925-38075	75RB#0-75RB#0	11.86	13	PASS
38-38	15MHz-15MHz	QPSK-QPSK	38025-38175	75RB#0-75RB#0	9.39	13	PASS
38-38	15MHz-15MHz	16QAM-16QAM	38025-38175	75RB#0-75RB#0	11.28	13	PASS
38-38	15MHz-15MHz	64QAM-64QAM	38025-38175	75RB#0-75RB#0	11.86	13	PASS
38-38	20MHz-20MHz	QPSK-QPSK	37850-38048	100RB#0-100RB#0	11.77	13	PASS
38-38	20MHz-20MHz	16QAM-16QAM	37850-38048	100RB#0-100RB#0	11.25	13	PASS
38-38	20MHz-20MHz	64QAM-64QAM	37850-38048	100RB#0-100RB#0	11.77	13	PASS
38-38	20MHz-20MHz	QPSK-QPSK	37901-38099	100RB#0-100RB#0	10.12	13	PASS
38-38	20MHz-20MHz	16QAM-16QAM	37901-38099	100RB#0-100RB#0	11.33	13	PASS
38-38	20MHz-20MHz	64QAM-64QAM	37901-38099	100RB#0-100RB#0	11.30	13	PASS
38-38	20MHz-20MHz	QPSK-QPSK	37952-38150	100RB#0-100RB#0	10.38	13	PASS
38-38	20MHz-20MHz	16QAM-16QAM	37952-38150	100RB#0-100RB#0	11.45	13	PASS
38-38	20MHz-20MHz	64QAM-64QAM	37952-38150	100RB#0-100RB#0	11.25	13	PASS

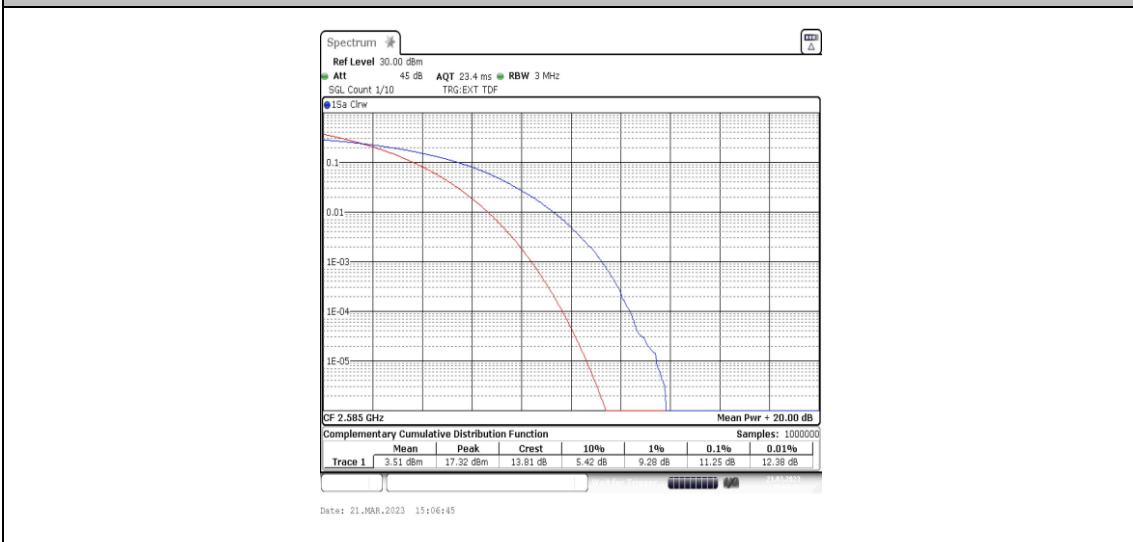
### Test Graphs



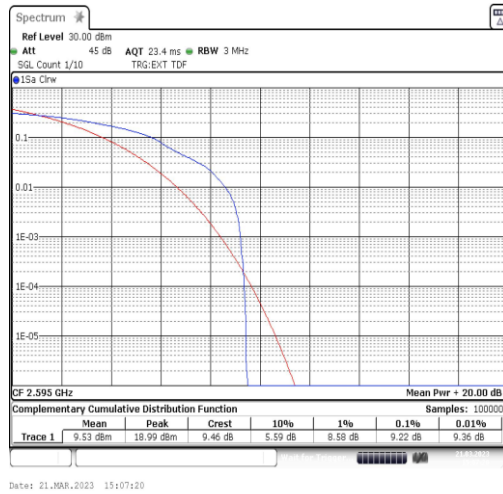
38-38-15MHz-15MHz-QPSK-QPSK-37825-37975-75RB#0-75RB#0



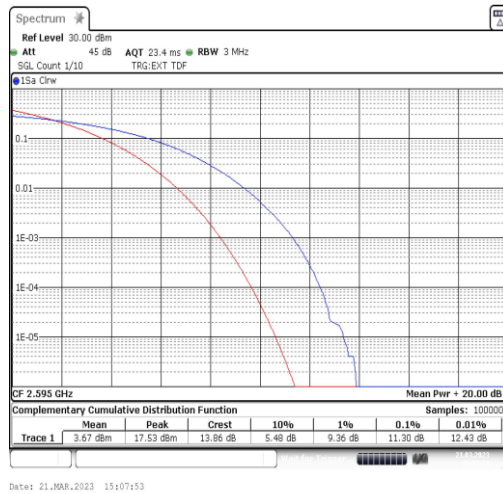
38-38-15MHz-15MHz-16QAM-16QAM-37825-37975-75RB#0-75RB#0



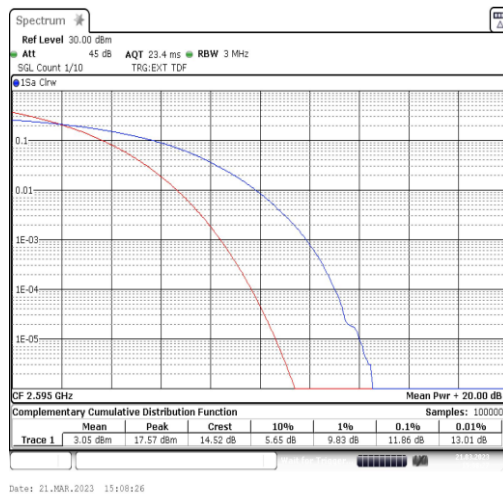
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38-38-15MHz-15MHz-QPSK-QPSK-37925-38075-75RB#0-75RB#0



38-38-15MHz-15MHz-16QAM-16QAM-37925-38075-75RB#0-75RB#0



38-38-15MHz-15MHz-64QAM-64QAM-37925-38075-75RB#0-75RB#0



38-38-15MHz-15MHz-QPSK-QPSK-38025-38175-75RB#0-75RB#0

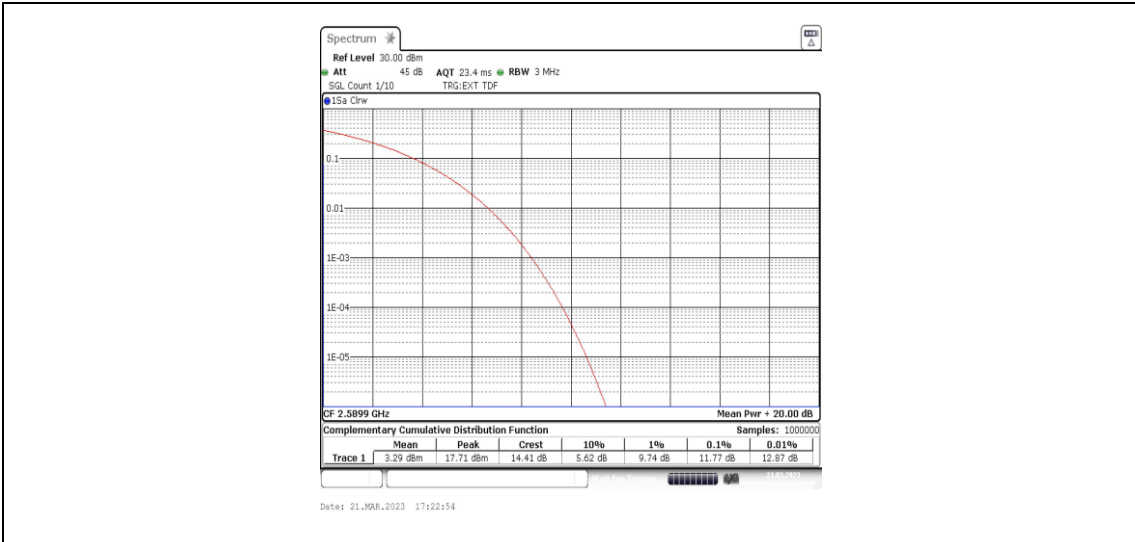


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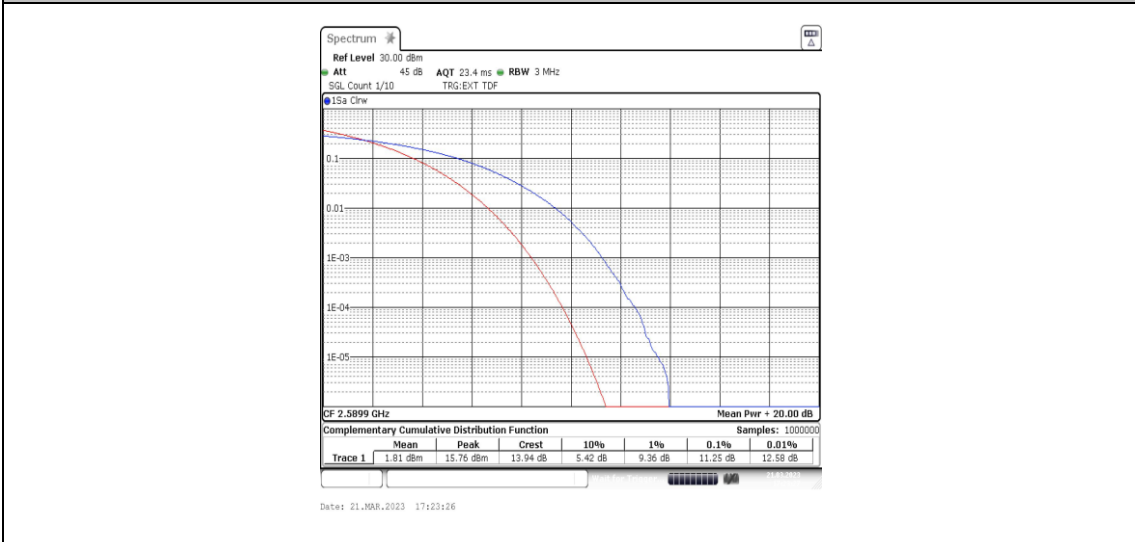


38-38-15MHz-15MHz-64QAM-64QAM-38025-38175-75RB#0-75RB#0

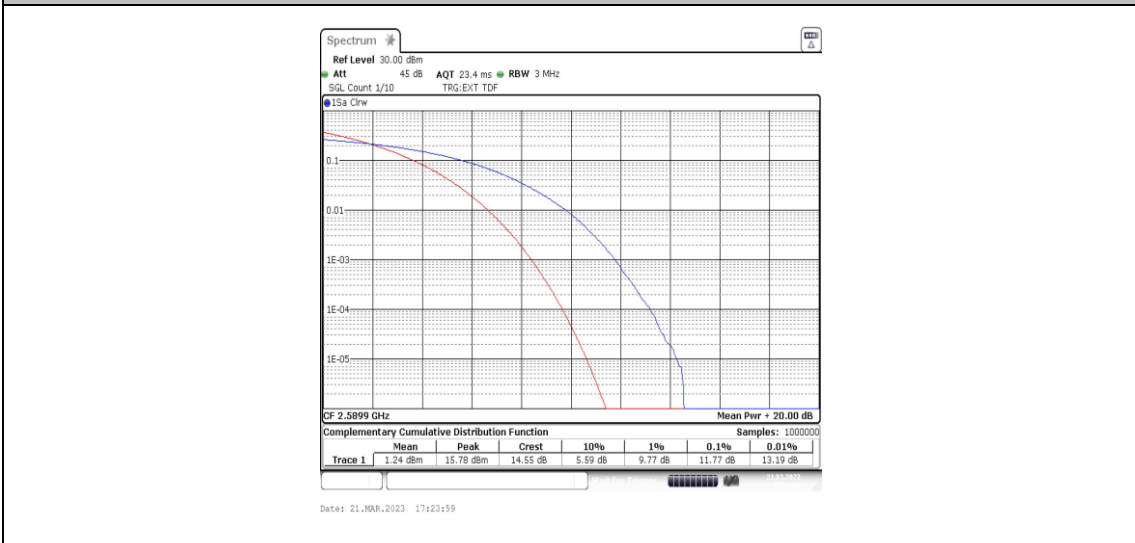




38-38-20MHz-20MHz-QPSK-QPSK-37850-38048-100RB#0-100RB#0



38-38-20MHz-20MHz-16QAM-16QAM-37850-38048-100RB#0-100RB#0



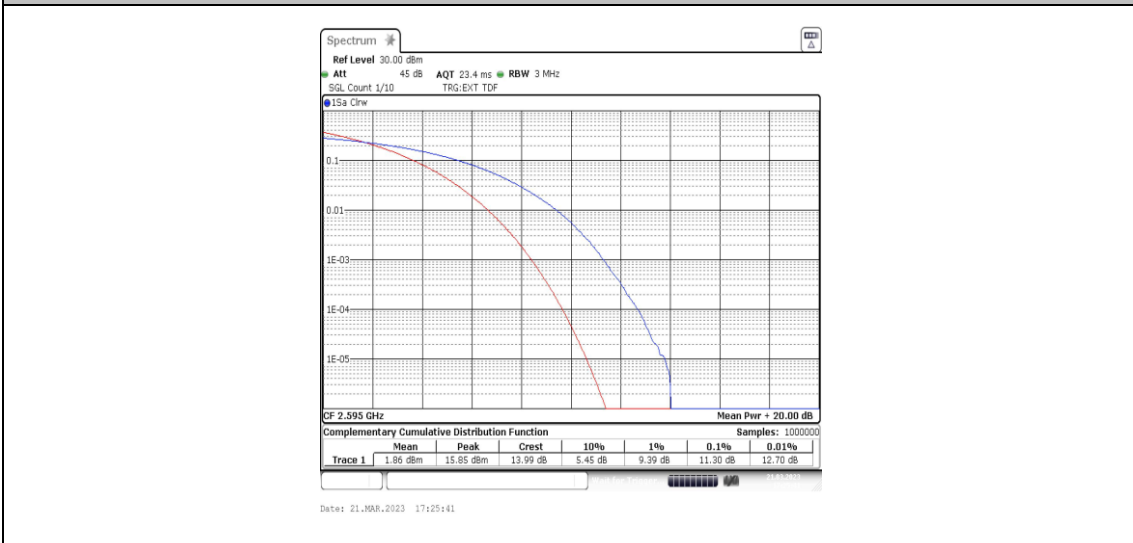
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38-38-20MHz-20MHz-QPSK-QPSK-37901-38099-100RB#0-100RB#0



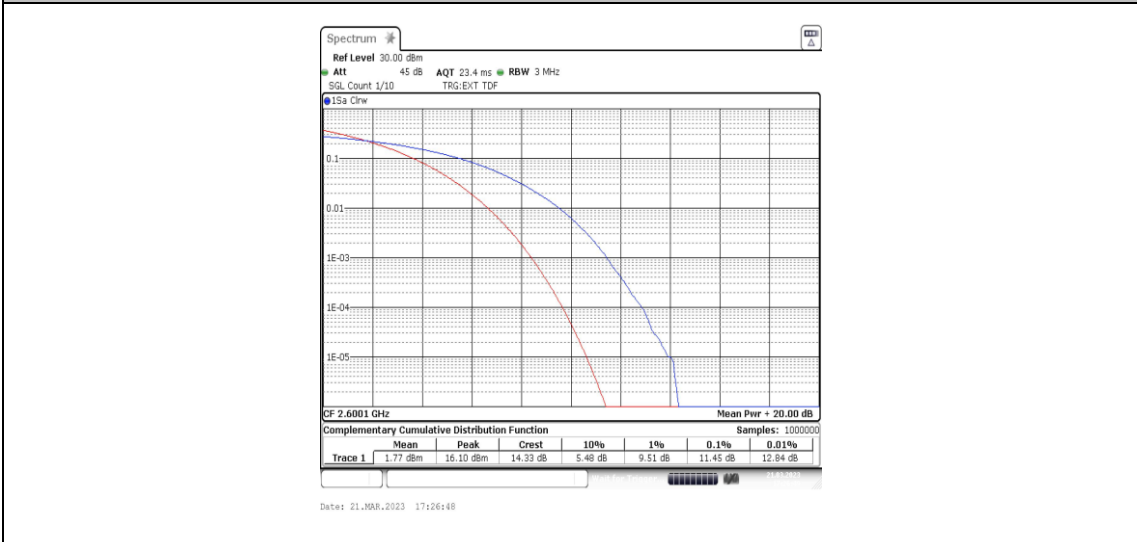
38-38-20MHz-20MHz-16QAM-16QAM-37901-38099-100RB#0-100RB#0



38-38-20MHz-20MHz-64QAM-64QAM-37901-38099-100RB#0-100RB#0



38-38-20MHz-20MHz-QPSK-QPSK-37952-38150-100RB#0-100RB#0



38-38-20MHz-20MHz-16QAM-16QAM-37952-38150-100RB#0-100RB#0



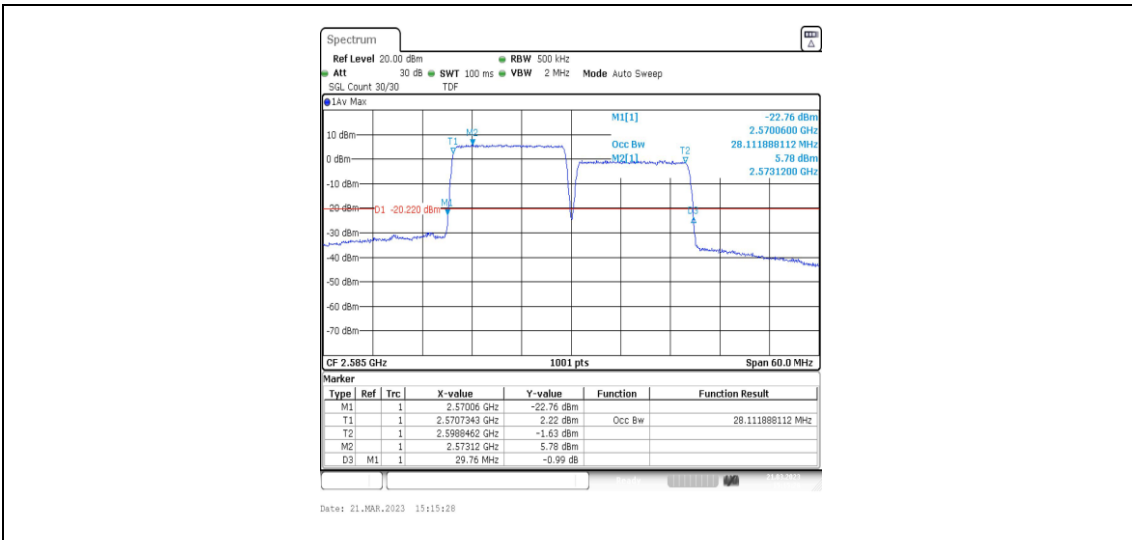
38-38-20MHz-20MHz-64QAM-64QAM-37952-38150-100RB#0-100RB#0

## Appendix C: 26dB Bandwidth and Occupied Bandwidth

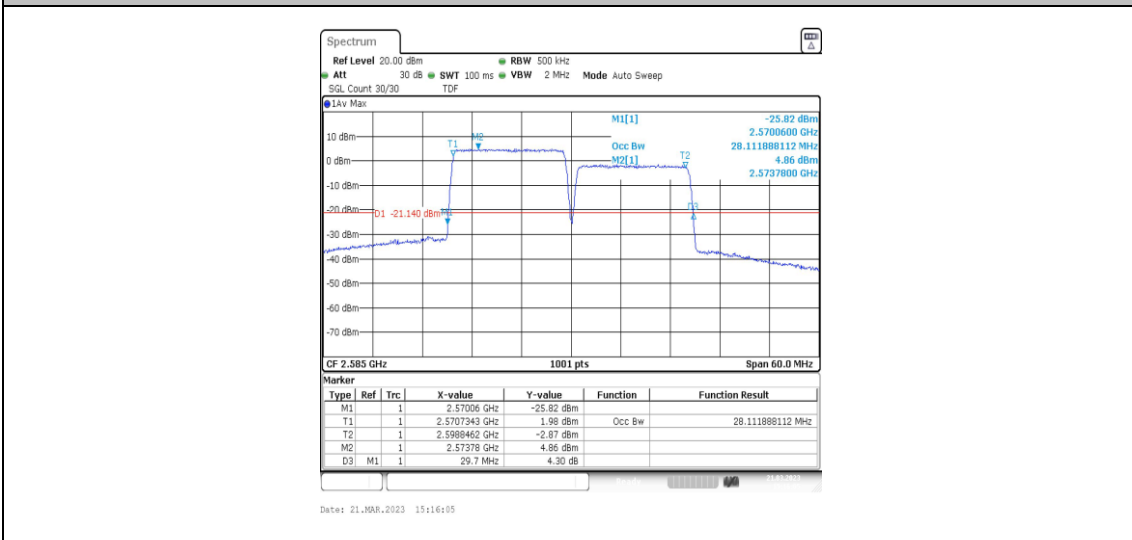
### Test Result

Band	Bandwidth	Modulation	Channel	RB Configuration	Occupied Bandwidth (MHz)	26dB Bandwidth (MHz)	Verdict
38-38	15MHz-15MHz	QPSK-QPSK	37825-37975	75RB#0-75RB#0	28.112	29.76	PASS
38-38	15MHz-15MHz	16QAM-16QAM	37825-37975	75RB#0-75RB#0	28.112	29.70	PASS
38-38	15MHz-15MHz	64QAM-64QAM	37825-37975	75RB#0-75RB#0	28.112	29.64	PASS
38-38	15MHz-15MHz	QPSK-QPSK	37925-38075	75RB#0-75RB#0	28.112	29.64	PASS
38-38	15MHz-15MHz	16QAM-16QAM	37925-38075	75RB#0-75RB#0	28.112	29.64	PASS
38-38	15MHz-15MHz	64QAM-64QAM	37925-38075	75RB#0-75RB#0	28.112	29.70	PASS
38-38	15MHz-15MHz	QPSK-QPSK	38025-38175	75RB#0-75RB#0	28.112	29.64	PASS
38-38	15MHz-15MHz	16QAM-16QAM	38025-38175	75RB#0-75RB#0	28.112	29.64	PASS
38-38	15MHz-15MHz	64QAM-64QAM	38025-38175	75RB#0-75RB#0	28.112	29.64	PASS
38-38	20MHz-20MHz	QPSK-QPSK	37850-38048	100RB#0-100RB#0	37.483	40.08	PASS
38-38	20MHz-20MHz	16QAM-16QAM	37850-38048	100RB#0-100RB#0	37.483	40.08	PASS
38-38	20MHz-20MHz	64QAM-64QAM	37850-38048	100RB#0-100RB#0	37.403	40.08	PASS
38-38	20MHz-20MHz	QPSK-QPSK	37901-38099	100RB#0-100RB#0	37.483	40.08	PASS
38-38	20MHz-20MHz	16QAM-16QAM	37901-38099	100RB#0-100RB#0	37.403	40.08	PASS
38-38	20MHz-20MHz	64QAM-64QAM	37901-38099	100RB#0-100RB#0	37.403	40.08	PASS
38-38	20MHz-20MHz	QPSK-QPSK	37952-38150	100RB#0-100RB#0	37.483	40.08	PASS
38-38	20MHz-20MHz	16QAM-16QAM	37952-38150	100RB#0-100RB#0	37.483	40.08	PASS
38-38	20MHz-20MHz	64QAM-64QAM	37952-38150	100RB#0-100RB#0	37.403	40.08	PASS

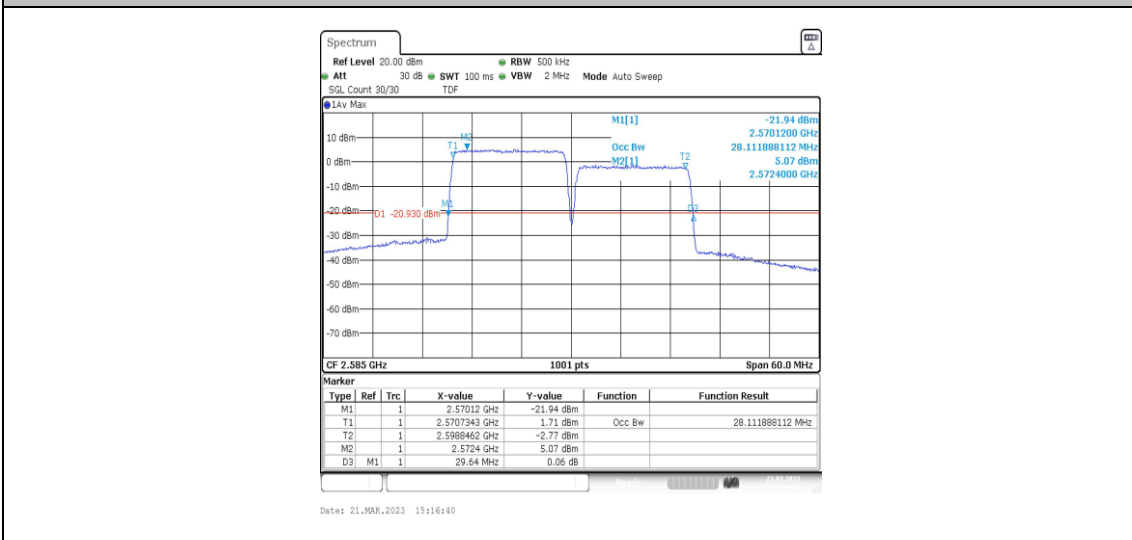
### Test Graphs



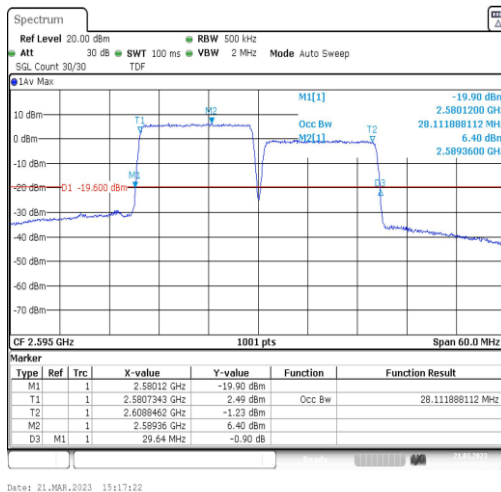
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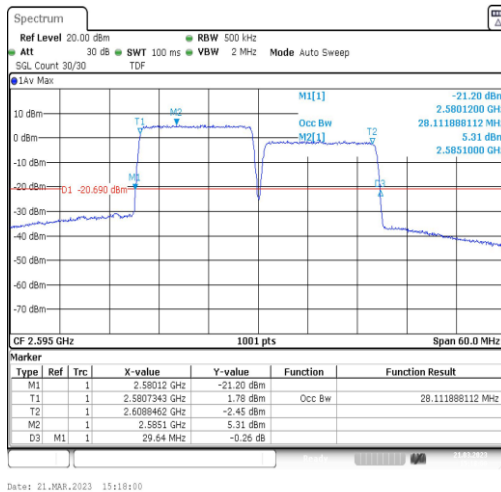
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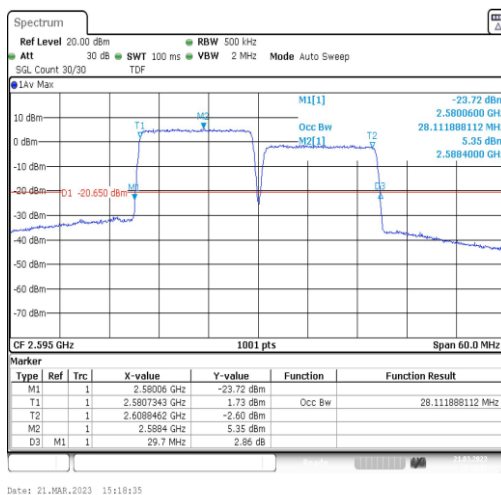
38-38-15MHz-15MHz-64QAM-64QAM-37825-37975-75RB#0-75RB#0-28.112



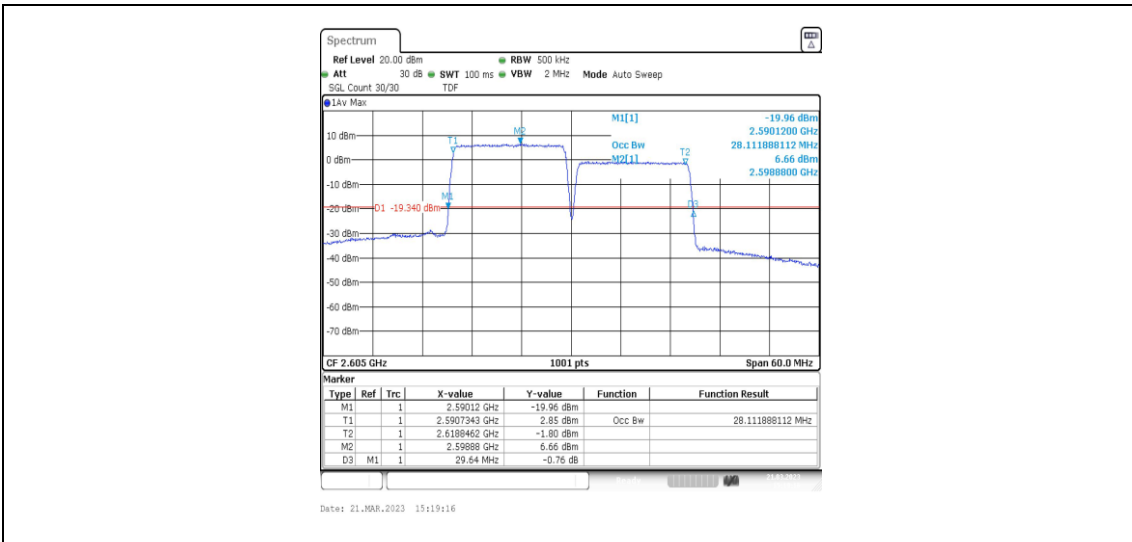
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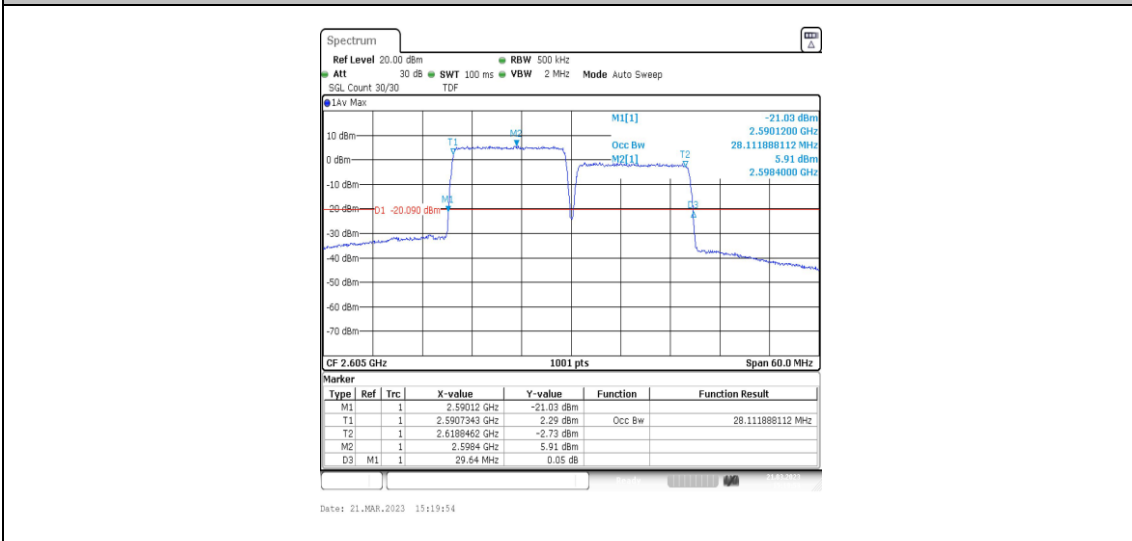
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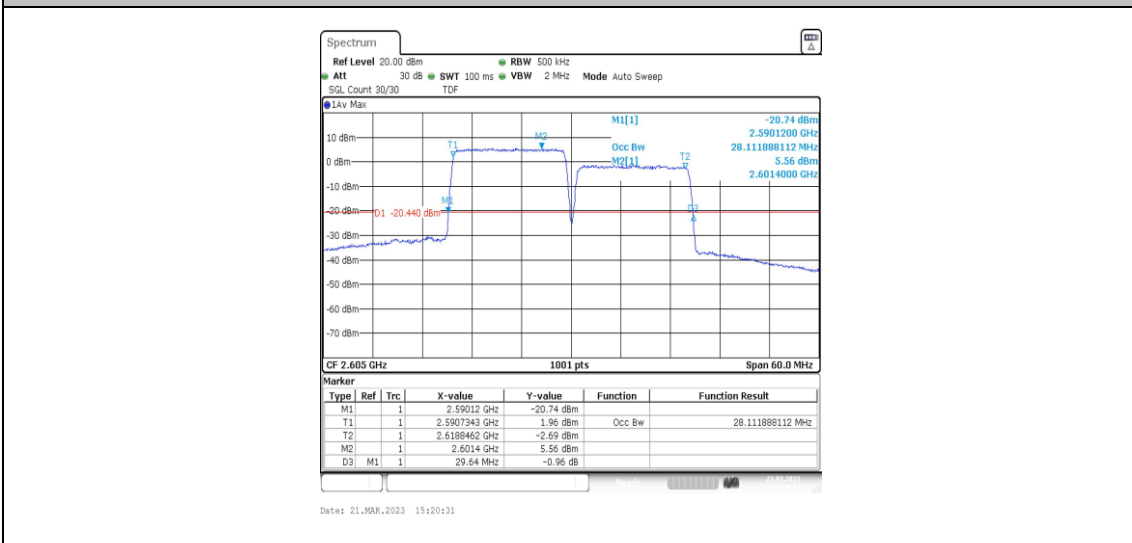
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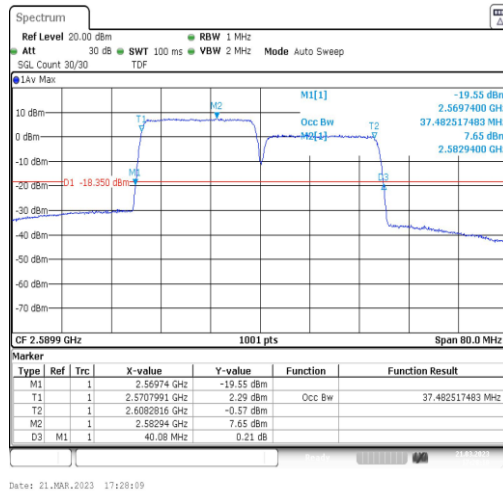
38-38-15MHz-15MHz-QPSK-QPSK-38025-38175-75RB#0-75RB#0-28.112



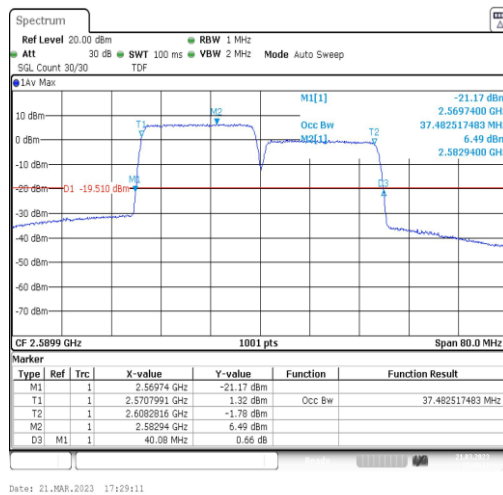
38-38-15MHz-15MHz-16QAM-16QAM-38025-38175-75RB#0-75RB#0-28.112



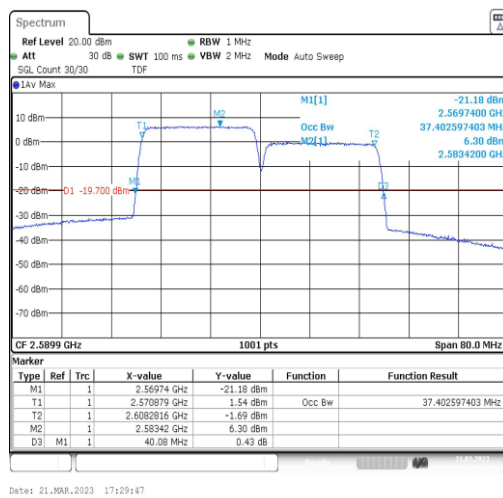
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38-38-20MHz-20MHz-QPSK-QPSK-37850-38048-100RB#0-100RB#0-37.483

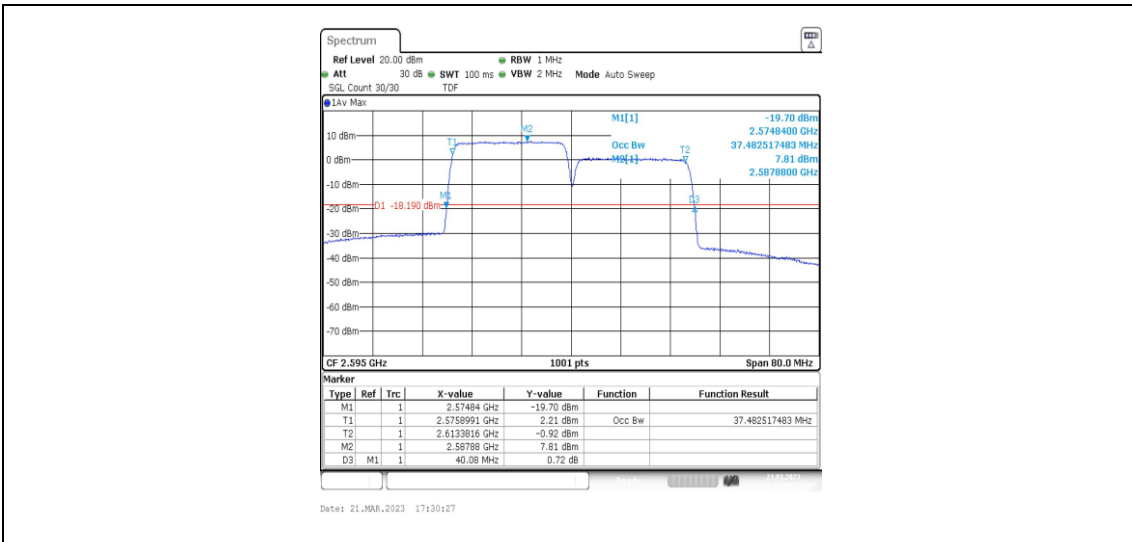


38-38-20MHz-20MHz-16QAM-16QAM-37850-38048-100RB#0-100RB#0-37.483

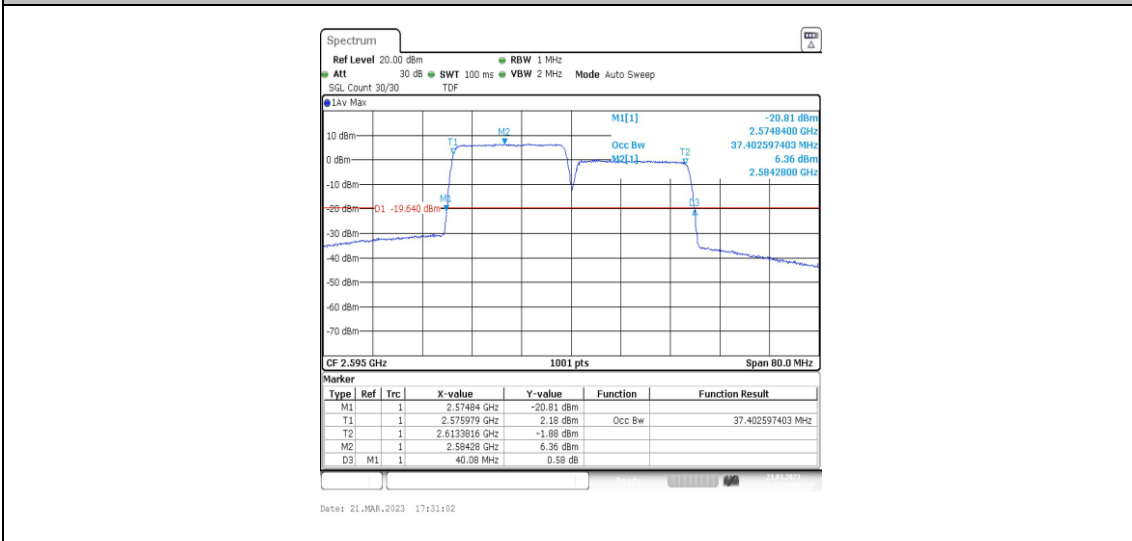


38-38-20MHz-20MHz-64QAM-64QAM-37850-38048-100RB#0-100RB#0-37.403

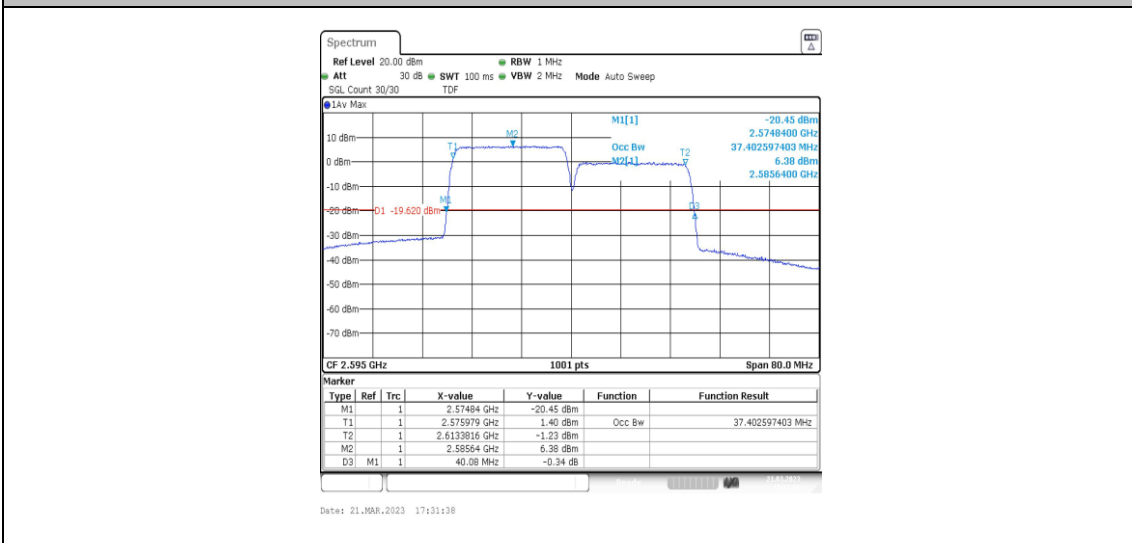




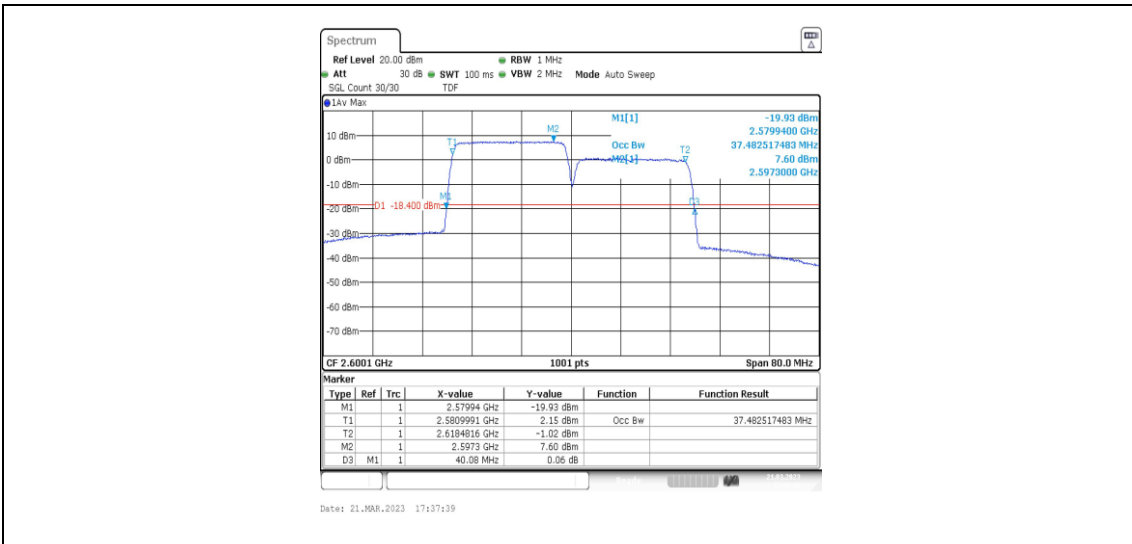
38-38-20MHz-20MHz-QPSK-QPSK-37901-38099-100RB#0-100RB#0-37.483



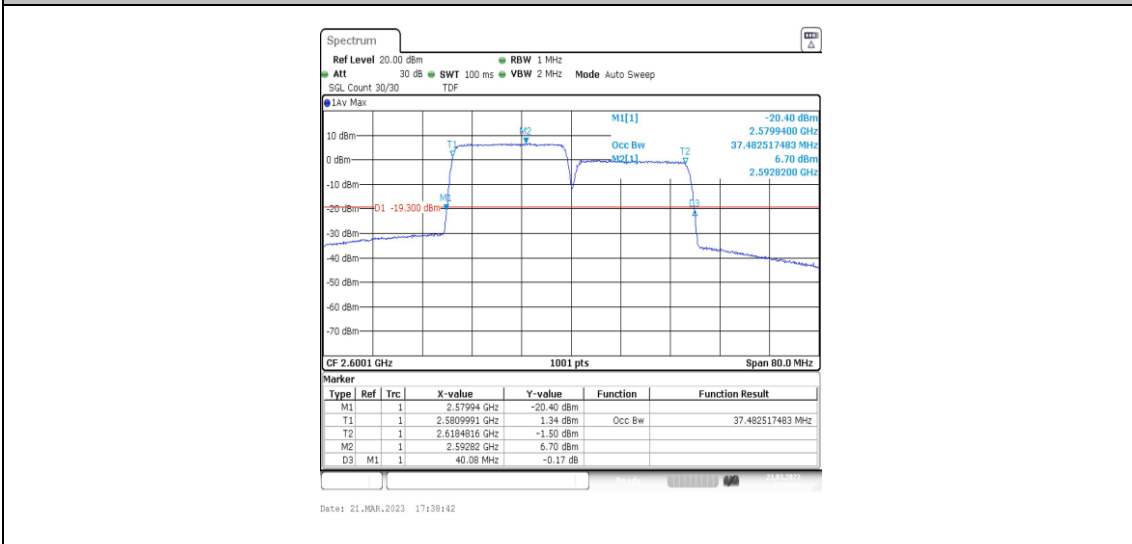
38-38-20MHz-20MHz-16QAM-16QAM-37901-38099-100RB#0-100RB#0-37.403



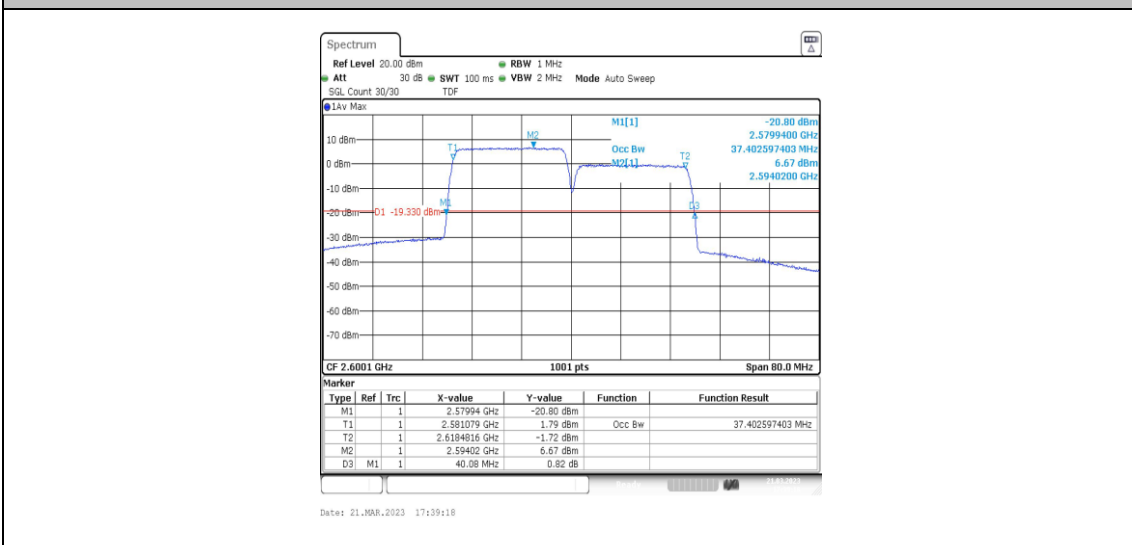
38-38-20MHz-20MHz-64QAM-64QAM-37901-38099-100RB#0-100RB#0-37.403



38-38-20MHz-20MHz-QPSK-QPSK-37952-38150-100RB#0-100RB#0-37.483



38-38-20MHz-20MHz-16QAM-16QAM-37952-38150-100RB#0-100RB#0-37.483



38-38-20MHz-20MHz-64QAM-64QAM-37952-38150-100RB#0-100RB#0-37.403

## Appendix D: Band Edge

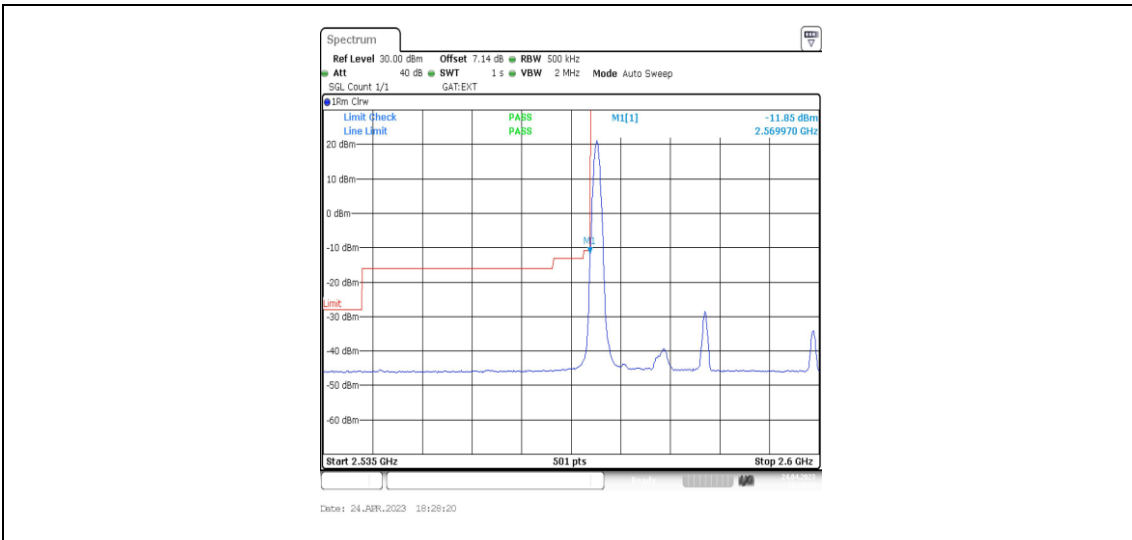
### Test Result

Band	Bandwidth	Modulation	Channel	RB Configuration	Result (dBm)	Verdict
38-38	15MHz-15MHz	QPSK@QPSK-QPSK@QPSK	37825-37975	1RB#0@75RB#0-0RB#0@75RB#0	-11.85	PASS
38-38	15MHz-15MHz	16QAM@16QAM-16QAM@16QAM	37825-37975	1RB#0@75RB#0-0RB#0@75RB#0	-12.61	PASS
38-38	15MHz-15MHz	64QAM@64QAM-64QAM@64QAM	37825-37975	1RB#0@75RB#0-0RB#0@75RB#0	-12.69	PASS
38-38	15MHz-15MHz	QPSK@QPSK-QPSK@QPSK	37825-37975	1RB#74@75RB#0-0RB#0@75RB#0	-45.85	PASS
38-38	15MHz-15MHz	16QAM@16QAM-16QAM@16QAM	37825-37975	1RB#74@75RB#0-0RB#0@75RB#0	-45.91	PASS
38-38	15MHz-15MHz	64QAM@64QAM-64QAM@64QAM	37825-37975	1RB#74@75RB#0-0RB#0@75RB#0	-45.88	PASS
38-38	15MHz-15MHz	QPSK@QPSK-QPSK@QPSK	37825-37975	1RB#0@75RB#0-1RB#74@75RB#0	-20.20	PASS
38-38	15MHz-15MHz	16QAM@16QAM-16QAM@16QAM	37825-37975	1RB#0@75RB#0-1RB#74@75RB#0	-20.09	PASS
38-38	15MHz-15MHz	64QAM@64QAM-64QAM@64QAM	37825-37975	1RB#0@75RB#0-1RB#74@75RB#0	-20.16	PASS
38-38	15MHz-15MHz	QPSK@QPSK-QPSK@QPSK	37825-37975	75RB#0@75RB#0-75RB#0@75RB#0	-42.56	PASS
38-38	15MHz-15MHz	16QAM@16QAM-16QAM@16QAM	37825-37975	75RB#0@75RB#0-75RB#0@75RB#0	-43.47	PASS
38-38	15MHz-15MHz	64QAM@64QAM-64QAM@64QAM	37825-37975	75RB#0@75RB#0-75RB#0@75RB#0	-43.50	PASS
38-38	15MHz-15MHz	QPSK@QPSK-QPSK@QPSK	38025-38175	1RB#0@75RB#0-0RB#0@75RB#0	-45.59	PASS
38-38	15MHz-15MHz	16QAM@16QAM-16QAM@16QAM	38025-38175	1RB#0@75RB#0-0RB#0@75RB#0	-45.64	PASS
38-38	15MHz-15MHz	64QAM@64QAM-64QAM@64QAM	38025-38175	1RB#0@75RB#0-0RB#0@75RB#0	-45.43	PASS
38-38	15MHz-15MHz	QPSK@QPSK-QPSK@QPSK	38025-38175	1RB#74@75RB#0-0RB#0@75RB#0	-45.62	PASS
38-38	15MHz-15MHz	16QAM@16QAM-16QAM@16QAM	38025-38175	1RB#74@75RB#0-0RB#0@75RB#0	-45.55	PASS

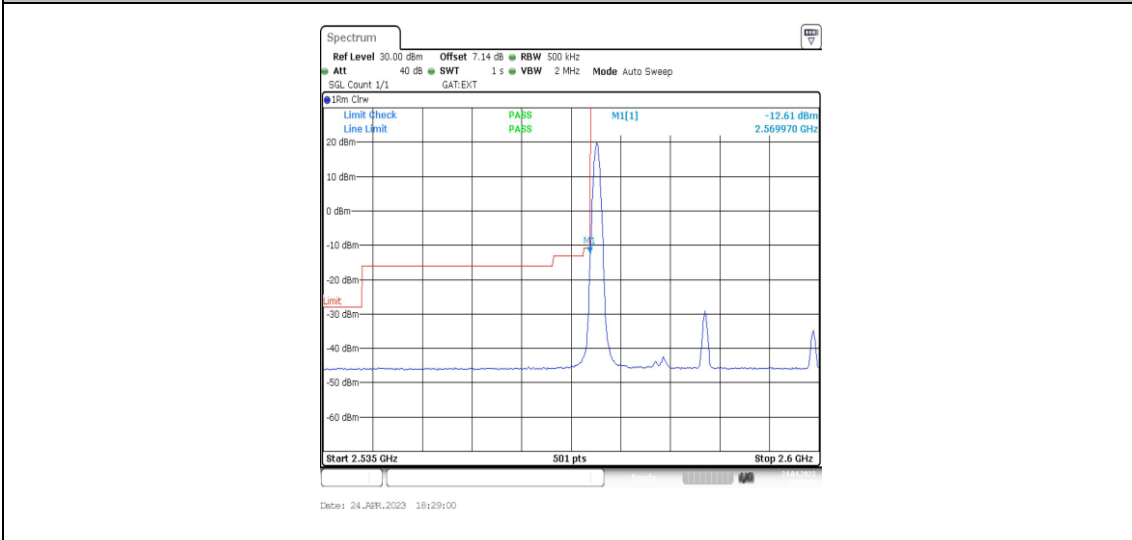
38	MHz	M@16QAM	8175	B#@75RB#0		
38-38	15MHz-15 MHz	64QAM@64QAM-64QAM@64QAM	38025-3 8175	1RB#74@75RB#0-0RB#@75RB#0	-45.68	PASS
38-38	15MHz-15 MHz	QPSK@QPSK-QPSK@QPSK	38025-3 8175	1RB#@75RB#0-1RB#74@75RB#0	-26.61	PASS
38-38	15MHz-15 MHz	16QAM@16QAM-16QAM@16QAM	38025-3 8175	1RB#@75RB#0-1RB#74@75RB#0	-27.15	PASS
38-38	15MHz-15 MHz	64QAM@64QAM-64QAM@64QAM	38025-3 8175	1RB#@75RB#0-1RB#74@75RB#0	-27.07	PASS
38-38	15MHz-15 MHz	QPSK@QPSK-QPSK@QPSK	38025-3 8175	75RB#@75RB#0-75RB#@75RB#0	-44.67	PASS
38-38	15MHz-15 MHz	16QAM@16QAM-16QAM@16QAM	38025-3 8175	75RB#@75RB#0-75RB#@75RB#0	-44.97	PASS
38-38	15MHz-15 MHz	64QAM@64QAM-64QAM@64QAM	38025-3 8175	75RB#@75RB#0-75RB#@75RB#0	-45.00	PASS
38-38	20MHz-20 MHz	QPSK@QPSK-QPSK@QPSK	37850-3 8048	1RB#@100RB#0-0RB#@100RB#0	-27.24	PASS
38-38	20MHz-20 MHz	16QAM@16QAM-16QAM@16QAM	37850-3 8048	1RB#@100RB#0-0RB#@100RB#0	-28.32	PASS
38-38	20MHz-20 MHz	64QAM@64QAM-64QAM@64QAM	37850-3 8048	1RB#@100RB#0-0RB#@100RB#0	-28.27	PASS
38-38	20MHz-20 MHz	QPSK@QPSK-QPSK@QPSK	37850-3 8048	1RB#99@100RB#0-0RB#@100RB#0	-45.90	PASS
38-38	20MHz-20 MHz	16QAM@16QAM-16QAM@16QAM	37850-3 8048	1RB#99@100RB#0-0RB#@100RB#0	-45.81	PASS
38-38	20MHz-20 MHz	64QAM@64QAM-64QAM@64QAM	37850-3 8048	1RB#99@100RB#0-0RB#@100RB#0	-45.86	PASS
38-38	20MHz-20 MHz	QPSK@QPSK-QPSK@QPSK	37850-3 8048	1RB#@100RB#0-1RB#99@100RB#0	-29.91	PASS
38-38	20MHz-20 MHz	16QAM@16QAM-16QAM@16QAM	37850-3 8048	1RB#@100RB#0-1RB#99@100RB#0	-28.96	PASS
38-38	20MHz-20 MHz	64QAM@64QAM-64QAM@64QAM	37850-3 8048	1RB#@100RB#0-1RB#99@100RB#0	-29.19	PASS
38-38	20MHz-20 MHz	QPSK@QPSK-QPSK@QPSK	37850-3 8048	100RB#@100RB#0-100RB#@100RB#0	-43.17	PASS
38-38	20MHz-20 MHz	16QAM@16QAM-16QAM@16QAM	37850-3 8048	100RB#@100RB#0-100RB#@100RB#0	-44.21	PASS
38-38	20MHz-20 MHz	64QAM@64QAM-64QAM@64QAM	37850-3 8048	100RB#@100RB#0-100RB#@100RB#0	-44.25	PASS
38-38	20MHz-20 MHz	QPSK@QPSK-QPSK@QPSK	37952-3 8150	1RB#@100RB#0-0RB#@100RB#0	-45.59	PASS
38-38	20MHz-20 MHz	16QAM@16QAM-16QAM@16QAM	37952-3	1RB#@100RB#0-0RB#@100RB#0	-45.64	PASS

38	MHz	M@16QAM	8150	B#0@100RB#0		
38-38	20MHz-20 MHz	64QAM@64QAM-64QA M@64QAM	37952-3 8150	1RB#0@100RB#0-0R B#0@100RB#0	-45.63	PASS
38-38	20MHz-20 MHz	QPSK@QPSK-QPSK@ QPSK	37952-3 8150	1RB#99@100RB#0-0 RB#0@100RB#0	-45.70	PASS
38-38	20MHz-20 MHz	16QAM@16QAM-16QA M@16QAM	37952-3 8150	1RB#99@100RB#0-0 RB#0@100RB#0	-45.66	PASS
38-38	20MHz-20 MHz	64QAM@64QAM-64QA M@64QAM	37952-3 8150	1RB#99@100RB#0-0 RB#0@100RB#0	-45.67	PASS
38-38	20MHz-20 MHz	QPSK@QPSK-QPSK@ QPSK	37952-3 8150	1RB#0@100RB#0-1R B#99@100RB#0	-45.60	PASS
38-38	20MHz-20 MHz	16QAM@16QAM-16QA M@16QAM	37952-3 8150	1RB#0@100RB#0-1R B#99@100RB#0	-45.63	PASS
38-38	20MHz-20 MHz	64QAM@64QAM-64QA M@64QAM	37952-3 8150	1RB#0@100RB#0-1R B#99@100RB#0	-45.54	PASS
38-38	20MHz-20 MHz	QPSK@QPSK-QPSK@ QPSK	37952-3 8150	100RB#0@100RB#0- 100RB#0@100RB#0	-45.02	PASS
38-38	20MHz-20 MHz	16QAM@16QAM-16QA M@16QAM	37952-3 8150	100RB#0@100RB#0- 100RB#0@100RB#0	-45.26	PASS
38-38	20MHz-20 MHz	64QAM@64QAM-64QA M@64QAM	37952-3 8150	100RB#0@100RB#0- 100RB#0@100RB#0	-45.19	PASS

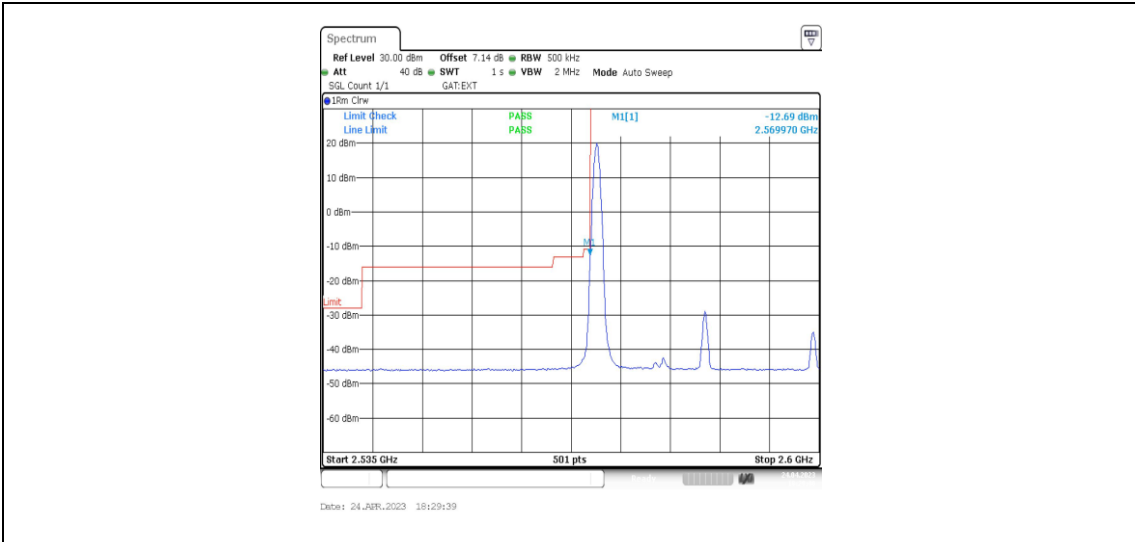
### Test Graphs



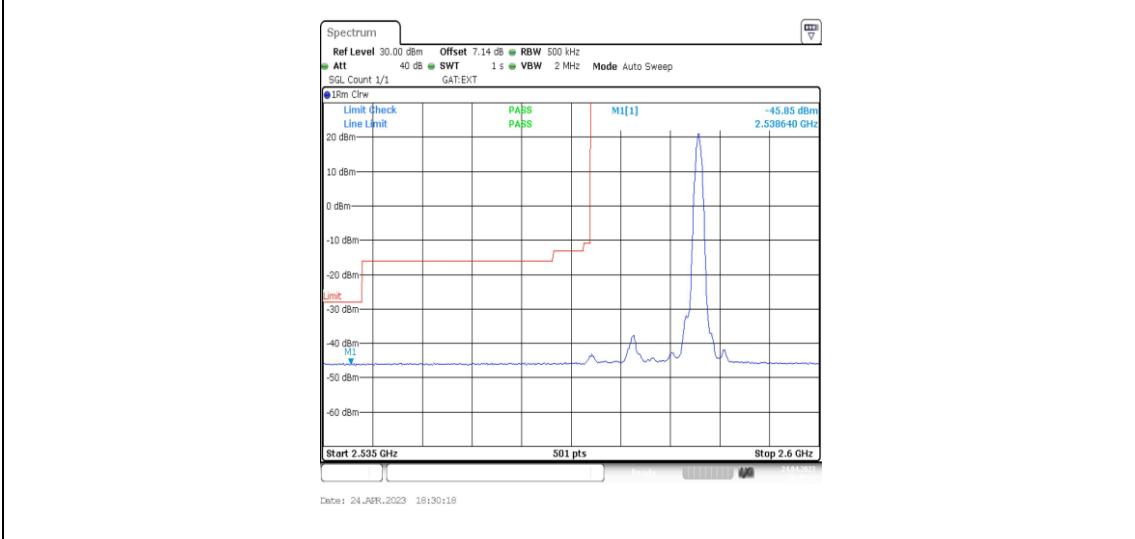
38-38\_38-38\_15MHz-15MHz\_QPSK@QPSK-QPSK@QPSK\_37825-37975\_1RB#0@75RB#0-0RB#0@75RB#0



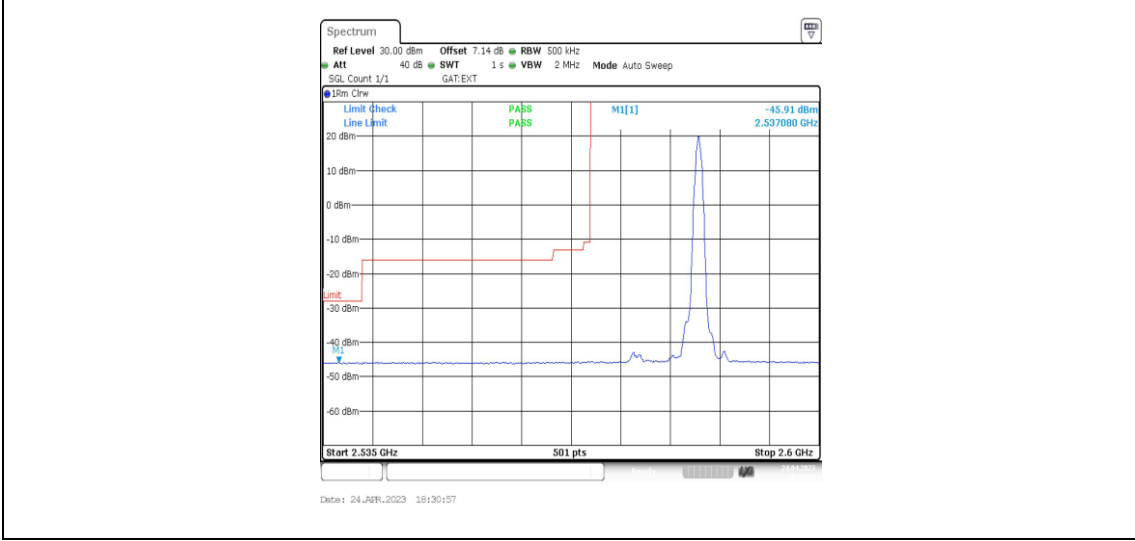
38-38\_38-38\_15MHz-15MHz\_16QAM@16QAM-16QAM@16QAM\_37825-37975\_1RB#0@75RB#0-0RB#0@75RB#0



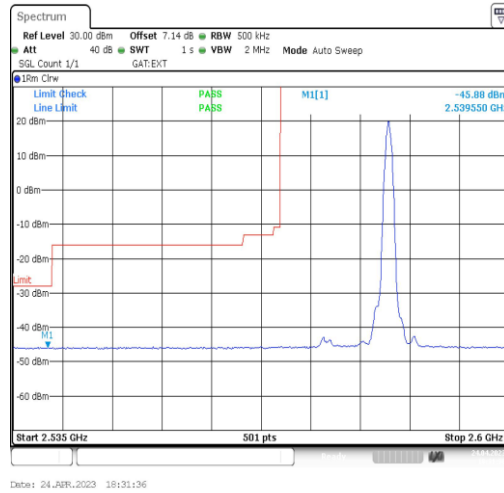
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 B#0@75RB#0



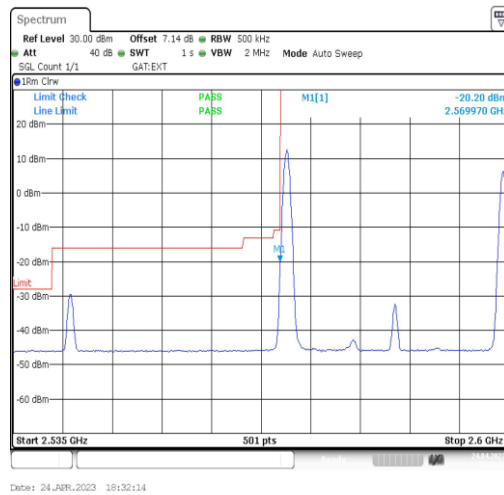
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38-38\_38-38\_15MHz-15MHz\_16QAM@16QAM-16QAM@16QAM\_37825-37975\_1RB#74@75RB#0-0  
RB#0@75RB#0

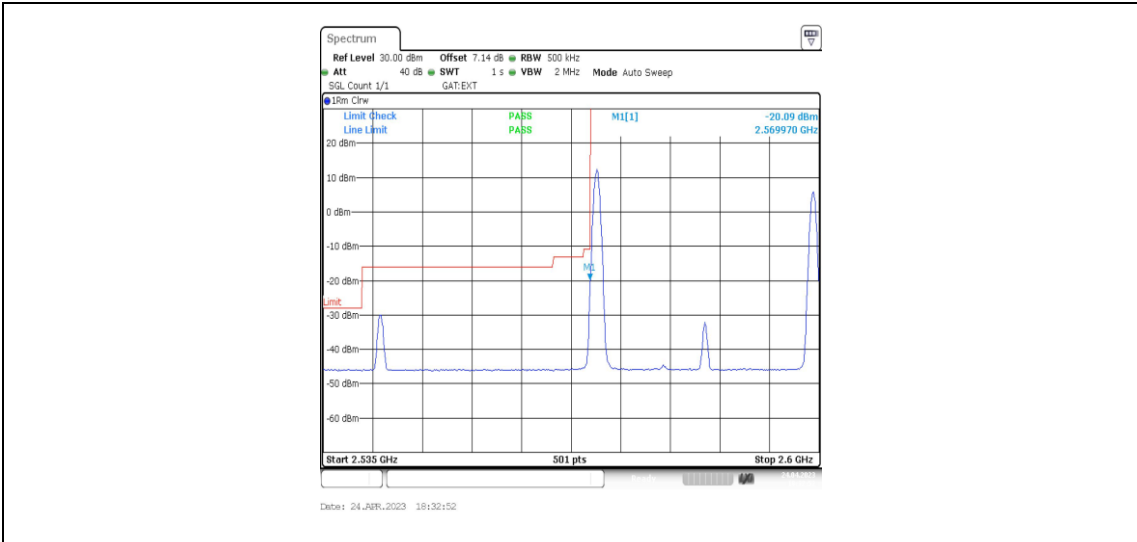


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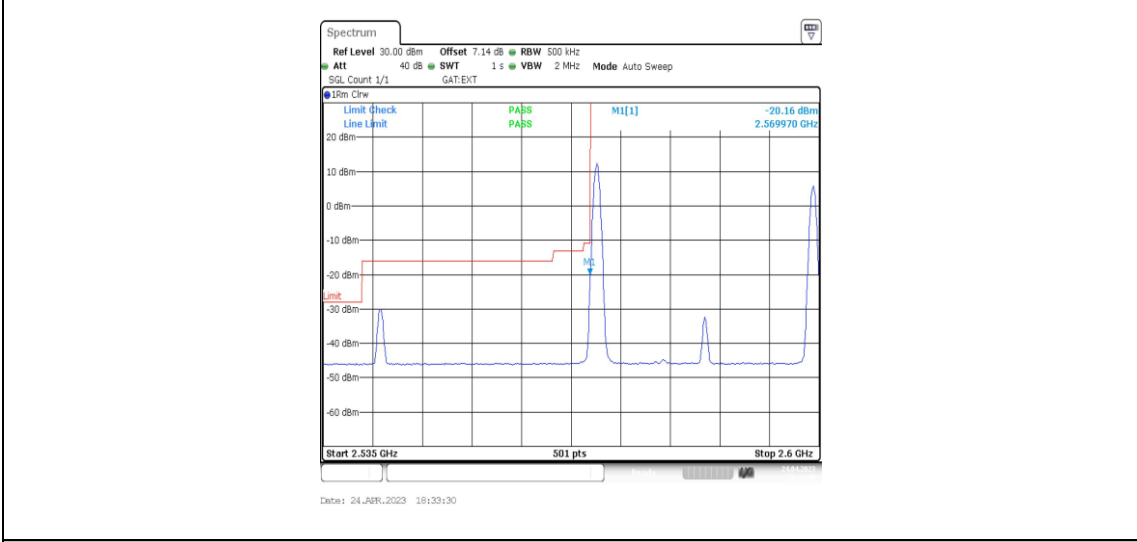


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@75RB#0





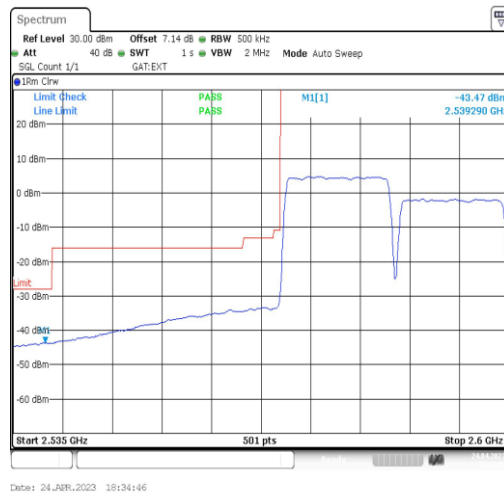
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B#74@75RB#0



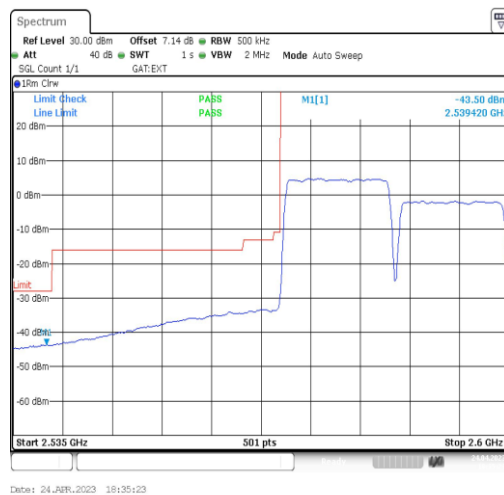
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B#74@75RB#0



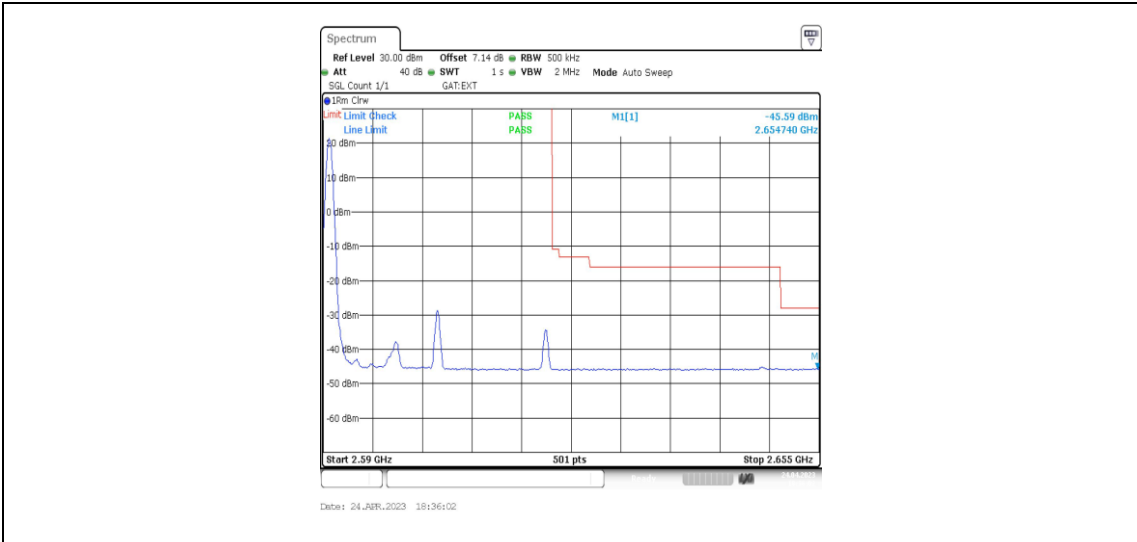
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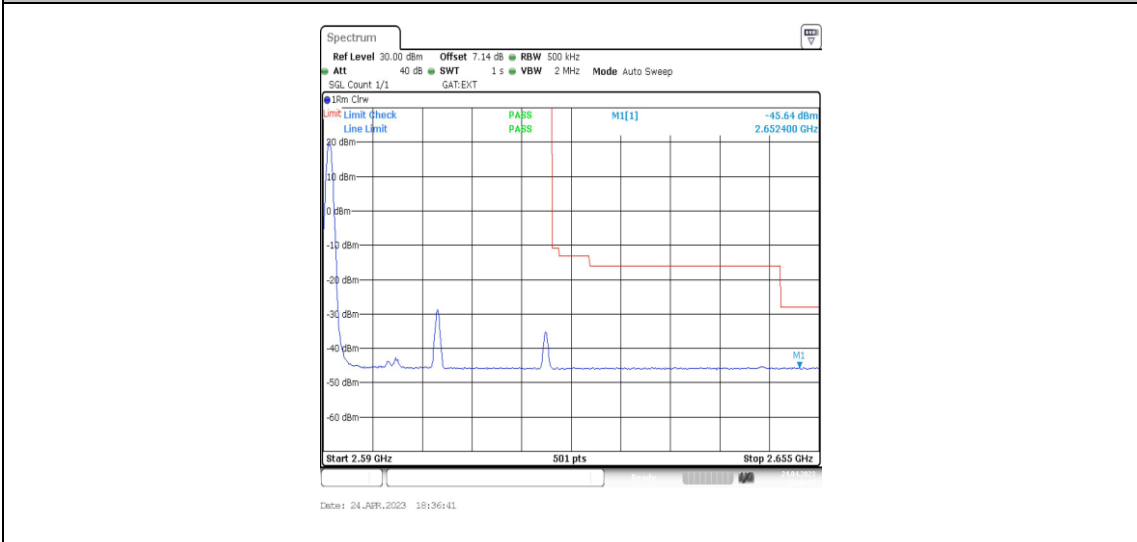
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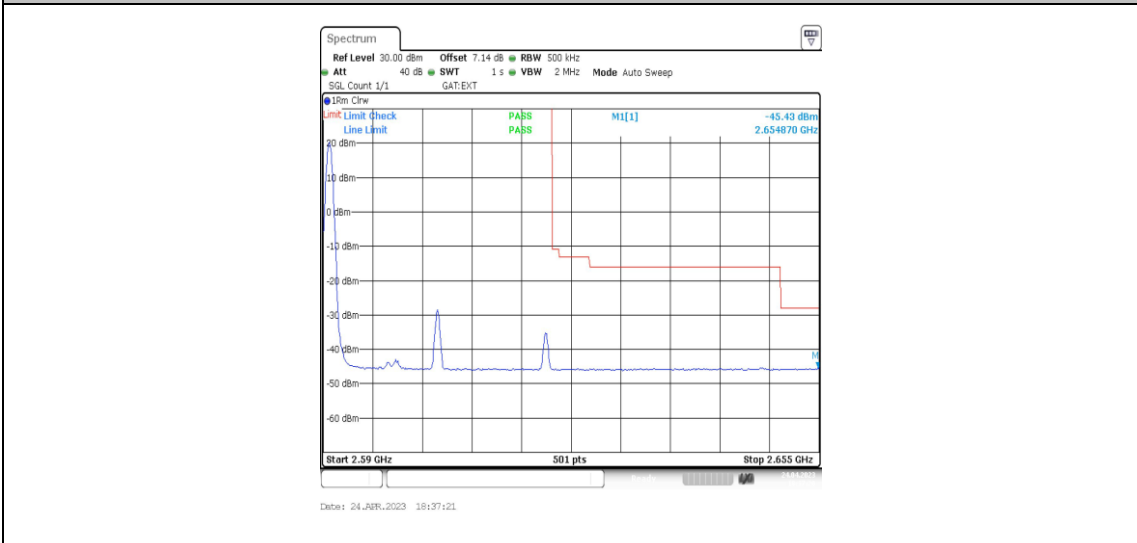
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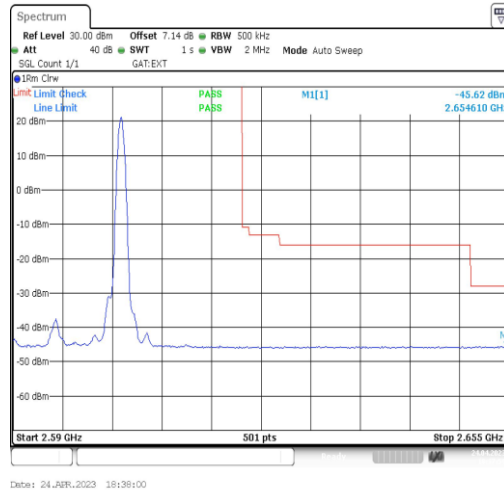
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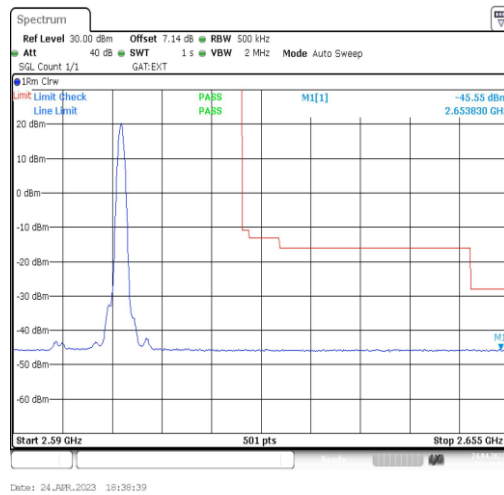
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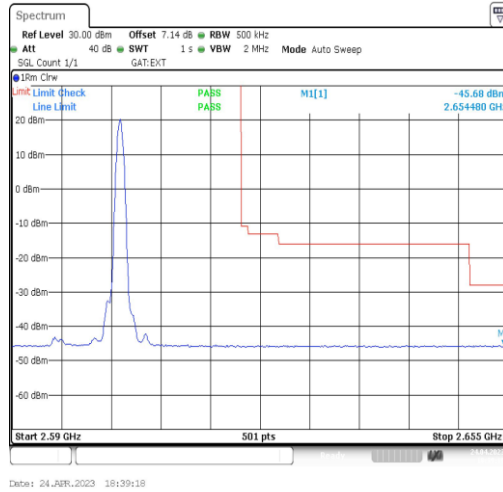
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B#0@75RB#0



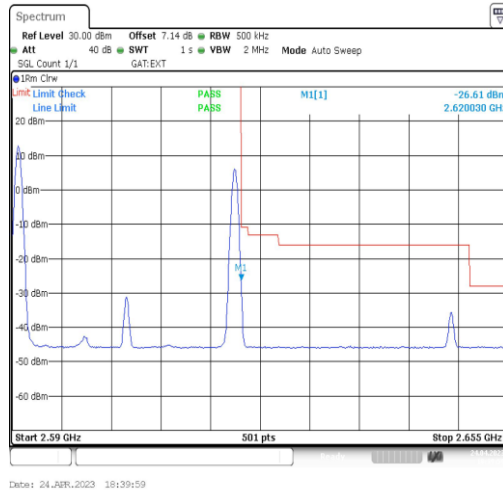
38-38\_38-38\_15MHz-15MHz\_QPSK@QPSK-QPSK@QPSK\_38025-38175\_1RB#74@75RB#0-0RB#0  
@75RB#0



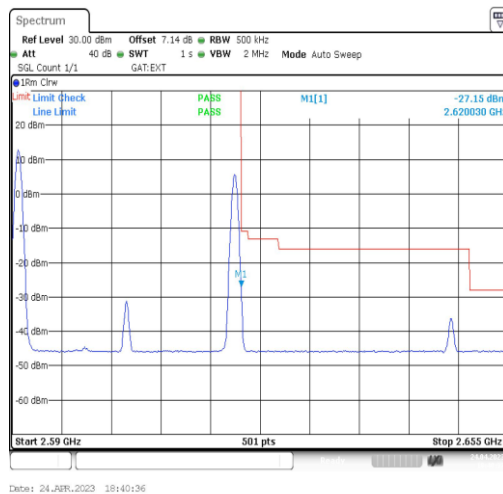
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RB#0@75RB#0



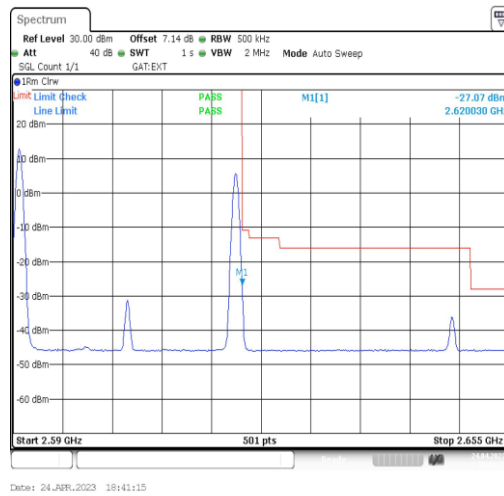
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 RB#0@75RB#0



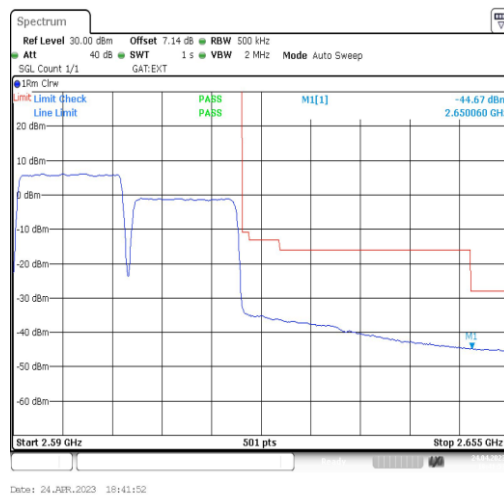
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 @75RB#0



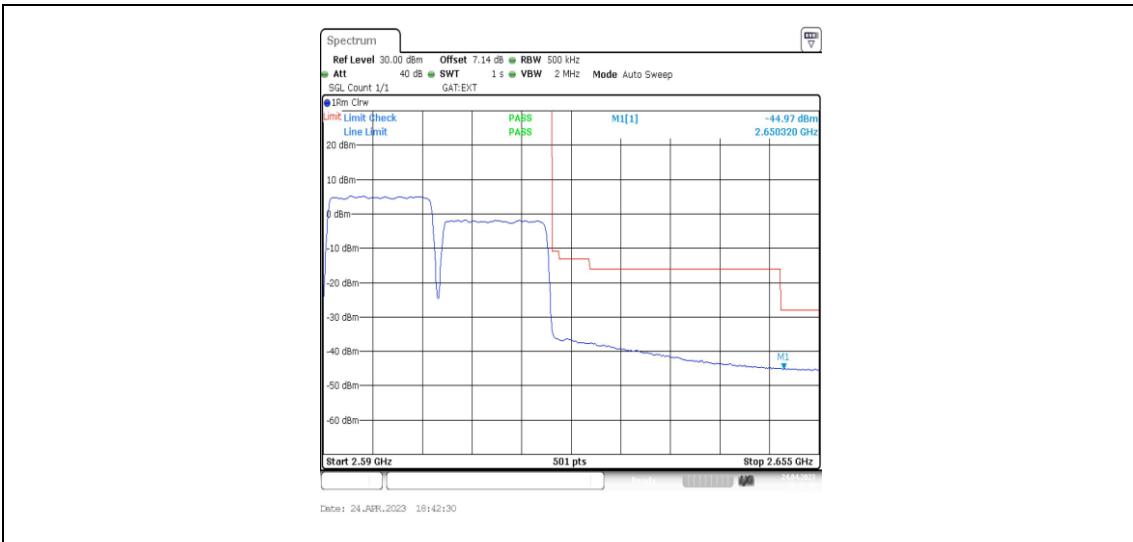
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B#74@75RB#0



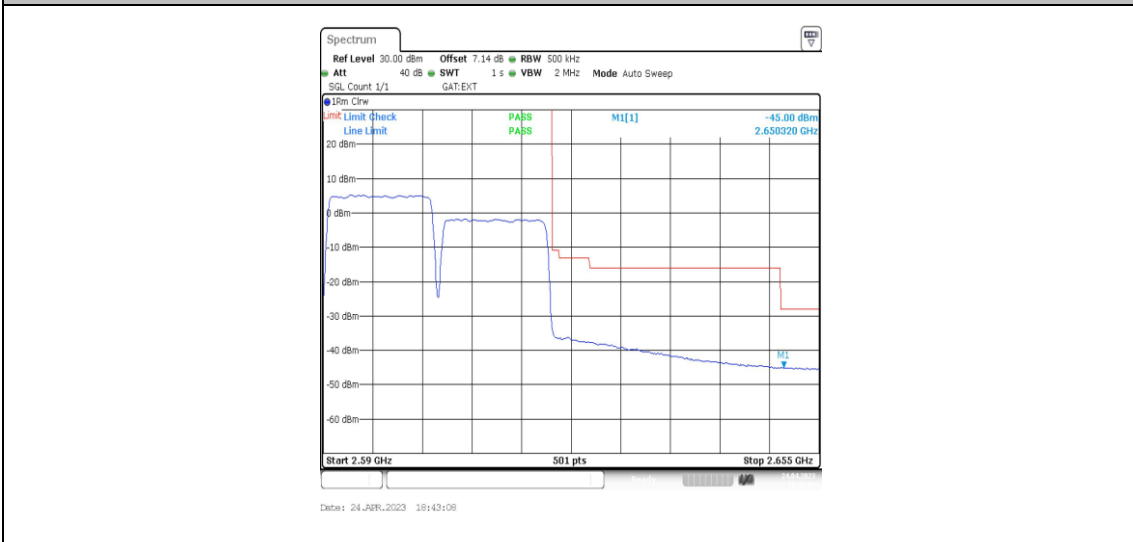
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B#74@75RB#0



38-38\_38-38\_15MHz-15MHz\_QPSK@QPSK-QPSK@QPSK\_38025-38175\_75RB#0@75RB#0-75RB#0  
@75RB#0



38-38\_38-38\_15MHz-15MHz\_16QAM@16QAM-16QAM@16QAM\_38025-38175\_75RB#0@75RB#0-75  
RB#0@75RB#0



38-38\_38-38\_15MHz-15MHz\_64QAM@64QAM-64QAM@64QAM\_38025-38175\_75RB#0@75RB#0-75  
RB#0@75RB#0

