

Appendix for LTE B38

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1 Appendix A: Effective Radiated Result Output Data

1.1 Test Result

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Band	Channel bandwidth	Modulation	Channel	RB Configure	Result(dBm)	EIRP(dBm)	Limit(dBm)	Verdict
Band38	5MHz	QPSK	37775	1RB#0	23.53	25.13	33	PASS
Band38	5MHz	QPSK	37775	1RB#13	23.61	25.21	33	PASS
Band38	5MHz	QPSK	37775	1RB#24	23.42	25.02	33	PASS
Band38	5MHz	QPSK	37775	12RB#0	22.58	24.18	33	PASS
Band38	5MHz	QPSK	37775	12RB#6	22.55	24.15	33	PASS
Band38	5MHz	QPSK	37775	12RB#13	22.5	24.1	33	PASS
Band38	5MHz	QPSK	37775	25RB#0	22.59	24.19	33	PASS
Band38	5MHz	QPSK	38000	1RB#0	23.46	25.06	33	PASS
Band38	5MHz	QPSK	38000	1RB#13	23.63	25.23	33	PASS
Band38	5MHz	QPSK	38000	1RB#24	23.45	25.05	33	PASS
Band38	5MHz	QPSK	38000	12RB#0	22.46	24.06	33	PASS
Band38	5MHz	QPSK	38000	12RB#6	22.61	24.21	33	PASS
Band38	5MHz	QPSK	38000	12RB#13	22.55	24.15	33	PASS
Band38	5MHz	QPSK	38000	25RB#0	22.61	24.21	33	PASS
Band38	5MHz	QPSK	38225	1RB#0	23.61	25.21	33	PASS
Band38	5MHz	QPSK	38225	1RB#13	23.68	25.28	33	PASS
Band38	5MHz	QPSK	38225	1RB#24	23.71	25.31	33	PASS
Band38	5MHz	QPSK	38225	12RB#0	22.78	24.38	33	PASS
Band38	5MHz	QPSK	38225	12RB#6	22.75	24.35	33	PASS
Band38	5MHz	QPSK	38225	12RB#13	22.77	24.37	33	PASS
Band38	5MHz	QPSK	38225	25RB#0	22.74	24.34	33	PASS
Band38	5MHz	16QAM	37775	1RB#0	22.78	24.38	33	PASS
Band38	5MHz	16QAM	37775	1RB#13	22.89	24.49	33	PASS
Band38	5MHz	16QAM	37775	1RB#24	22.59	24.19	33	PASS
Band38	5MHz	16QAM	37775	12RB#0	21.53	23.13	33	PASS
Band38	5MHz	16QAM	37775	12RB#6	21.58	23.18	33	PASS
Band38	5MHz	16QAM	37775	12RB#13	21.51	23.11	33	PASS
Band38	5MHz	16QAM	37775	25RB#0	21.49	23.09	33	PASS
Band38	5MHz	16QAM	38000	1RB#0	23.08	24.68	33	PASS
Band38	5MHz	16QAM	38000	1RB#13	22.53	24.13	33	PASS
Band38	5MHz	16QAM	38000	1RB#24	22.73	24.33	33	PASS
Band38	5MHz	16QAM	38000	12RB#0	21.61	23.21	33	PASS
Band38	5MHz	16QAM	38000	12RB#6	21.71	23.31	33	PASS
Band38	5MHz	16QAM	38000	12RB#13	21.52	23.12	33	PASS
Band38	5MHz	16QAM	38000	25RB#0	21.63	23.23	33	PASS
Band38	5MHz	16QAM	38225	1RB#0	22.83	24.43	33	PASS
Band38	5MHz	16QAM	38225	1RB#13	22.88	24.48	33	PASS
Band38	5MHz	16QAM	38225	1RB#24	23.13	24.73	33	PASS
Band38	5MHz	16QAM	38225	12RB#0	21.72	23.32	33	PASS
Band38	5MHz	16QAM	38225	12RB#6	21.78	23.38	33	PASS
Band38	5MHz	16QAM	38225	12RB#13	21.86	23.46	33	PASS
Band38	5MHz	16QAM	38225	25RB#0	21.75	23.35	33	PASS
Band38	5MHz	64QAM	37775	1RB#0	21.83	23.43	33	PASS
Band38	5MHz	64QAM	37775	1RB#13	21.39	22.99	33	PASS
Band38	5MHz	64QAM	37775	1RB#24	21.85	23.45	33	PASS
Band38	5MHz	64QAM	37775	12RB#0	20.63	22.23	33	PASS
Band38	5MHz	64QAM	37775	12RB#6	20.67	22.27	33	PASS
Band38	5MHz	64QAM	37775	12RB#13	20.7	22.3	33	PASS
Band38	5MHz	64QAM	37775	25RB#0	20.54	22.14	33	PASS
Band38	5MHz	64QAM	38000	1RB#0	21.77	23.37	33	PASS
Band38	5MHz	64QAM	38000	1RB#13	21.38	22.98	33	PASS
Band38	5MHz	64QAM	38000	1RB#24	21.69	23.29	33	PASS
Band38	5MHz	64QAM	38000	12RB#0	20.65	22.25	33	PASS
Band38	5MHz	64QAM	38000	12RB#6	20.73	22.33	33	PASS
Band38	5MHz	64QAM	38000	12RB#13	20.69	22.29	33	PASS
Band38	5MHz	64QAM	38000	25RB#0	20.62	22.22	33	PASS
Band38	5MHz	64QAM	38225	1RB#0	22.0	23.6	33	PASS
Band38	5MHz	64QAM	38225	1RB#13	21.89	23.49	33	PASS
Band38	5MHz	64QAM	38225	1RB#24	22.0	23.6	33	PASS
Band38	5MHz	64QAM	38225	12RB#0	20.83	22.43	33	PASS
Band38	5MHz	64QAM	38225	12RB#6	20.85	22.45	33	PASS
Band38	5MHz	64QAM	38225	12RB#13	20.73	22.33	33	PASS
Band38	5MHz	64QAM	38225	25RB#0	20.83	22.43	33	PASS

Band38	10MHz	QPSK	37800	1RB#0	23.58	25.18	33	PASS
Band38	10MHz	QPSK	37800	1RB#25	23.55	25.15	33	PASS
Band38	10MHz	QPSK	37800	1RB#49	23.47	25.07	33	PASS
Band38	10MHz	QPSK	37800	25RB#0	22.62	24.22	33	PASS
Band38	10MHz	QPSK	37800	25RB#13	22.54	24.14	33	PASS
Band38	10MHz	QPSK	37800	25RB#25	22.54	24.14	33	PASS
Band38	10MHz	QPSK	37800	50RB#0	22.59	24.19	33	PASS
Band38	10MHz	QPSK	38000	1RB#0	23.51	25.11	33	PASS
Band38	10MHz	QPSK	38000	1RB#25	23.62	25.22	33	PASS
Band38	10MHz	QPSK	38000	1RB#49	23.45	25.05	33	PASS
Band38	10MHz	QPSK	38000	25RB#0	22.54	24.14	33	PASS
Band38	10MHz	QPSK	38000	25RB#13	22.55	24.15	33	PASS
Band38	10MHz	QPSK	38000	25RB#25	22.56	24.16	33	PASS
Band38	10MHz	QPSK	38000	50RB#0	22.59	24.19	33	PASS
Band38	10MHz	QPSK	38200	1RB#0	23.66	25.26	33	PASS
Band38	10MHz	QPSK	38200	1RB#25	23.77	25.37	33	PASS
Band38	10MHz	QPSK	38200	1RB#49	23.72	25.32	33	PASS
Band38	10MHz	QPSK	38200	25RB#0	22.72	24.32	33	PASS
Band38	10MHz	QPSK	38200	25RB#13	22.72	24.32	33	PASS
Band38	10MHz	QPSK	38200	25RB#25	22.77	24.37	33	PASS
Band38	10MHz	QPSK	38200	50RB#0	22.68	24.28	33	PASS
Band38	10MHz	16QAM	37800	1RB#0	22.32	23.92	33	PASS
Band38	10MHz	16QAM	37800	1RB#25	22.61	24.21	33	PASS
Band38	10MHz	16QAM	37800	1RB#49	22.79	24.39	33	PASS
Band38	10MHz	16QAM	37800	25RB#0	21.65	23.25	33	PASS
Band38	10MHz	16QAM	37800	25RB#13	21.69	23.29	33	PASS
Band38	10MHz	16QAM	37800	25RB#25	21.51	23.11	33	PASS
Band38	10MHz	16QAM	37800	50RB#0	21.57	23.17	33	PASS
Band38	10MHz	16QAM	38000	1RB#0	22.47	24.07	33	PASS
Band38	10MHz	16QAM	38000	1RB#25	22.8	24.4	33	PASS
Band38	10MHz	16QAM	38000	1RB#49	22.79	24.39	33	PASS
Band38	10MHz	16QAM	38000	25RB#0	21.54	23.14	33	PASS
Band38	10MHz	16QAM	38000	25RB#13	21.66	23.26	33	PASS
Band38	10MHz	16QAM	38000	25RB#25	21.68	23.28	33	PASS
Band38	10MHz	16QAM	38000	50RB#0	21.57	23.17	33	PASS
Band38	10MHz	16QAM	38200	1RB#0	23.06	24.66	33	PASS
Band38	10MHz	16QAM	38200	1RB#25	22.77	24.37	33	PASS
Band38	10MHz	16QAM	38200	1RB#49	22.63	24.23	33	PASS
Band38	10MHz	16QAM	38200	25RB#0	21.7	23.3	33	PASS
Band38	10MHz	16QAM	38200	25RB#13	21.79	23.39	33	PASS
Band38	10MHz	16QAM	38200	25RB#25	21.79	23.39	33	PASS
Band38	10MHz	16QAM	38200	50RB#0	21.66	23.26	33	PASS
Band38	10MHz	64QAM	37800	1RB#0	21.7	23.3	33	PASS
Band38	10MHz	64QAM	37800	1RB#25	21.32	22.92	33	PASS
Band38	10MHz	64QAM	37800	1RB#49	21.68	23.28	33	PASS
Band38	10MHz	64QAM	37800	25RB#0	20.56	22.16	33	PASS
Band38	10MHz	64QAM	37800	25RB#13	20.67	22.27	33	PASS
Band38	10MHz	64QAM	37800	25RB#25	20.55	22.15	33	PASS
Band38	10MHz	64QAM	37800	50RB#0	20.64	22.24	33	PASS
Band38	10MHz	64QAM	38000	1RB#0	21.82	23.42	33	PASS
Band38	10MHz	64QAM	38000	1RB#25	21.95	23.55	33	PASS
Band38	10MHz	64QAM	38000	1RB#49	21.94	23.54	33	PASS
Band38	10MHz	64QAM	38000	25RB#0	20.62	22.22	33	PASS
Band38	10MHz	64QAM	38000	25RB#13	20.62	22.22	33	PASS
Band38	10MHz	64QAM	38000	25RB#25	20.62	22.22	33	PASS
Band38	10MHz	64QAM	38000	50RB#0	20.61	22.21	33	PASS
Band38	10MHz	64QAM	38200	1RB#0	21.64	23.24	33	PASS
Band38	10MHz	64QAM	38200	1RB#25	21.85	23.45	33	PASS
Band38	10MHz	64QAM	38200	1RB#49	22.08	23.68	33	PASS
Band38	10MHz	64QAM	38200	25RB#0	20.71	22.31	33	PASS
Band38	10MHz	64QAM	38200	25RB#13	20.78	22.38	33	PASS
Band38	10MHz	64QAM	38200	25RB#25	20.77	22.37	33	PASS
Band38	10MHz	64QAM	38200	50RB#0	20.69	22.29	33	PASS
Band38	15MHz	QPSK	37825	1RB#0	23.37	24.97	33	PASS
Band38	15MHz	QPSK	37825	1RB#38	23.4	25.0	33	PASS
Band38	15MHz	QPSK	37825	1RB#74	23.22	24.82	33	PASS
Band38	15MHz	QPSK	37825	36RB#0	22.49	24.09	33	PASS
Band38	15MHz	QPSK	37825	36RB#19	22.38	23.98	33	PASS
Band38	15MHz	QPSK	37825	36RB#39	22.33	23.93	33	PASS
Band38	15MHz	QPSK	37825	75RB#0	22.41	24.01	33	PASS

Band38	15MHz	QPSK	38000	1RB#0	23.44	25.04	33	PASS
Band38	15MHz	QPSK	38000	1RB#38	23.36	24.96	33	PASS
Band38	15MHz	QPSK	38000	1RB#74	23.2	24.8	33	PASS
Band38	15MHz	QPSK	38000	36RB#0	22.42	24.02	33	PASS
Band38	15MHz	QPSK	38000	36RB#19	22.43	24.03	33	PASS
Band38	15MHz	QPSK	38000	36RB#39	22.39	23.99	33	PASS
Band38	15MHz	QPSK	38000	75RB#0	22.44	24.04	33	PASS
Band38	15MHz	QPSK	38175	1RB#0	23.6	25.2	33	PASS
Band38	15MHz	QPSK	38175	1RB#38	23.48	25.08	33	PASS
Band38	15MHz	QPSK	38175	1RB#74	23.45	25.05	33	PASS
Band38	15MHz	QPSK	38175	36RB#0	22.58	24.18	33	PASS
Band38	15MHz	QPSK	38175	36RB#19	22.47	24.07	33	PASS
Band38	15MHz	QPSK	38175	36RB#39	22.6	24.2	33	PASS
Band38	15MHz	QPSK	38175	75RB#0	22.48	24.08	33	PASS
Band38	15MHz	16QAM	37825	1RB#0	22.62	24.22	33	PASS
Band38	15MHz	16QAM	37825	1RB#38	22.72	24.32	33	PASS
Band38	15MHz	16QAM	37825	1RB#74	22.27	23.87	33	PASS
Band38	15MHz	16QAM	37825	36RB#0	21.41	23.01	33	PASS
Band38	15MHz	16QAM	37825	36RB#19	21.41	23.01	33	PASS
Band38	15MHz	16QAM	37825	36RB#39	21.42	23.02	33	PASS
Band38	15MHz	16QAM	37825	75RB#0	21.43	23.03	33	PASS
Band38	15MHz	16QAM	38000	1RB#0	22.66	24.26	33	PASS
Band38	15MHz	16QAM	38000	1RB#38	22.59	24.19	33	PASS
Band38	15MHz	16QAM	38000	1RB#74	22.49	24.09	33	PASS
Band38	15MHz	16QAM	38000	36RB#0	21.39	22.99	33	PASS
Band38	15MHz	16QAM	38000	36RB#19	21.38	22.98	33	PASS
Band38	15MHz	16QAM	38000	36RB#39	21.41	23.01	33	PASS
Band38	15MHz	16QAM	38000	75RB#0	21.42	23.02	33	PASS
Band38	15MHz	16QAM	38175	1RB#0	22.86	24.46	33	PASS
Band38	15MHz	16QAM	38175	1RB#38	22.73	24.33	33	PASS
Band38	15MHz	16QAM	38175	1RB#74	22.8	24.4	33	PASS
Band38	15MHz	16QAM	38175	36RB#0	21.57	23.17	33	PASS
Band38	15MHz	16QAM	38175	36RB#19	21.45	23.05	33	PASS
Band38	15MHz	16QAM	38175	36RB#39	21.64	23.24	33	PASS
Band38	15MHz	16QAM	38175	75RB#0	21.47	23.07	33	PASS
Band38	15MHz	64QAM	37825	1RB#0	20.87	22.47	33	PASS
Band38	15MHz	64QAM	37825	1RB#38	21.68	23.28	33	PASS
Band38	15MHz	64QAM	37825	1RB#74	21.51	23.11	33	PASS
Band38	15MHz	64QAM	37825	36RB#0	20.43	22.03	33	PASS
Band38	15MHz	64QAM	37825	36RB#19	20.45	22.05	33	PASS
Band38	15MHz	64QAM	37825	36RB#39	20.42	22.02	33	PASS
Band38	15MHz	64QAM	37825	75RB#0	20.47	22.07	33	PASS
Band38	15MHz	64QAM	38000	1RB#0	21.21	22.81	33	PASS
Band38	15MHz	64QAM	38000	1RB#38	21.14	22.74	33	PASS
Band38	15MHz	64QAM	38000	1RB#74	21.29	22.89	33	PASS
Band38	15MHz	64QAM	38000	36RB#0	20.37	21.97	33	PASS
Band38	15MHz	64QAM	38000	36RB#19	20.49	22.09	33	PASS
Band38	15MHz	64QAM	38000	36RB#39	20.34	21.94	33	PASS
Band38	15MHz	64QAM	38000	75RB#0	20.49	22.09	33	PASS
Band38	15MHz	64QAM	38175	1RB#0	21.51	23.11	33	PASS
Band38	15MHz	64QAM	38175	1RB#38	21.63	23.23	33	PASS
Band38	15MHz	64QAM	38175	1RB#74	22.17	23.77	33	PASS
Band38	15MHz	64QAM	38175	36RB#0	20.62	22.22	33	PASS
Band38	15MHz	64QAM	38175	36RB#19	20.53	22.13	33	PASS
Band38	15MHz	64QAM	38175	36RB#39	20.6	22.2	33	PASS
Band38	15MHz	64QAM	38175	75RB#0	20.53	22.13	33	PASS
Band38	20MHz	QPSK	37850	1RB#0	23.39	24.99	33	PASS
Band38	20MHz	QPSK	37850	1RB#50	23.39	24.99	33	PASS
Band38	20MHz	QPSK	37850	1RB#99	23.11	24.71	33	PASS
Band38	20MHz	QPSK	37850	50RB#0	22.46	24.06	33	PASS
Band38	20MHz	QPSK	37850	50RB#25	22.48	24.08	33	PASS
Band38	20MHz	QPSK	37850	50RB#50	22.42	24.02	33	PASS
Band38	20MHz	QPSK	37850	100RB#0	22.47	24.07	33	PASS
Band38	20MHz	QPSK	38000	1RB#0	23.5	25.1	33	PASS
Band38	20MHz	QPSK	38000	1RB#50	23.33	24.93	33	PASS
Band38	20MHz	QPSK	38000	1RB#99	23.11	24.71	33	PASS
Band38	20MHz	QPSK	38000	50RB#0	22.31	23.91	33	PASS
Band38	20MHz	QPSK	38000	50RB#25	22.46	24.06	33	PASS
Band38	20MHz	QPSK	38000	50RB#50	22.38	23.98	33	PASS
Band38	20MHz	QPSK	38000	100RB#0	22.44	24.04	33	PASS

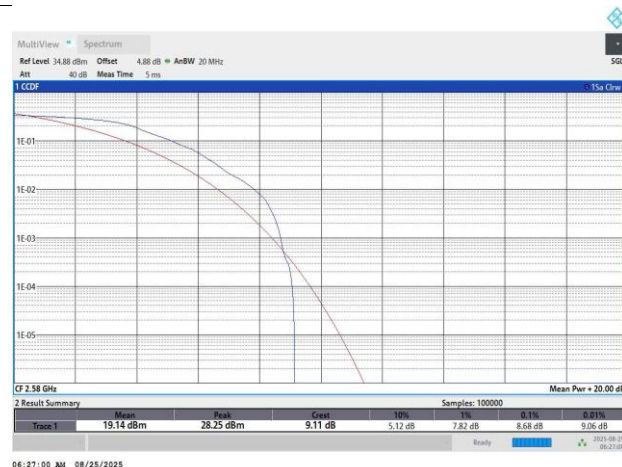
Band38	20MHz	QPSK	38150	1RB#0	23.39	24.99	33	PASS
Band38	20MHz	QPSK	38150	1RB#50	23.54	25.14	33	PASS
Band38	20MHz	QPSK	38150	1RB#99	23.34	24.94	33	PASS
Band38	20MHz	QPSK	38150	50RB#0	22.58	24.18	33	PASS
Band38	20MHz	QPSK	38150	50RB#25	22.6	24.2	33	PASS
Band38	20MHz	QPSK	38150	50RB#50	22.61	24.21	33	PASS
Band38	20MHz	QPSK	38150	100RB#0	22.48	24.08	33	PASS
Band38	20MHz	16QAM	37850	1RB#0	22.49	24.09	33	PASS
Band38	20MHz	16QAM	37850	1RB#50	22.96	24.56	33	PASS
Band38	20MHz	16QAM	37850	1RB#99	22.3	23.9	33	PASS
Band38	20MHz	16QAM	37850	50RB#0	21.43	23.03	33	PASS
Band38	20MHz	16QAM	37850	50RB#25	21.49	23.09	33	PASS
Band38	20MHz	16QAM	37850	50RB#50	21.32	22.92	33	PASS
Band38	20MHz	16QAM	37850	100RB#0	21.43	23.03	33	PASS
Band38	20MHz	16QAM	38000	1RB#0	22.07	23.67	33	PASS
Band38	20MHz	16QAM	38000	1RB#50	22.75	24.35	33	PASS
Band38	20MHz	16QAM	38000	1RB#99	22.54	24.14	33	PASS
Band38	20MHz	16QAM	38000	50RB#0	21.47	23.07	33	PASS
Band38	20MHz	16QAM	38000	50RB#25	21.48	23.08	33	PASS
Band38	20MHz	16QAM	38000	50RB#50	21.41	23.01	33	PASS
Band38	20MHz	16QAM	38000	100RB#0	21.4	23.0	33	PASS
Band38	20MHz	16QAM	38150	1RB#0	22.5	24.1	33	PASS
Band38	20MHz	16QAM	38150	1RB#50	22.54	24.14	33	PASS
Band38	20MHz	16QAM	38150	1RB#99	22.92	24.52	33	PASS
Band38	20MHz	16QAM	38150	50RB#0	21.69	23.29	33	PASS
Band38	20MHz	16QAM	38150	50RB#25	21.59	23.19	33	PASS
Band38	20MHz	16QAM	38150	50RB#50	21.62	23.22	33	PASS
Band38	20MHz	16QAM	38150	100RB#0	21.51	23.11	33	PASS
Band38	20MHz	64QAM	37850	1RB#0	21.43	23.03	33	PASS
Band38	20MHz	64QAM	37850	1RB#50	21.46	23.06	33	PASS
Band38	20MHz	64QAM	37850	1RB#99	20.93	22.53	33	PASS
Band38	20MHz	64QAM	37850	50RB#0	20.47	22.07	33	PASS
Band38	20MHz	64QAM	37850	50RB#25	20.44	22.04	33	PASS
Band38	20MHz	64QAM	37850	50RB#50	20.45	22.05	33	PASS
Band38	20MHz	64QAM	37850	100RB#0	20.43	22.03	33	PASS
Band38	20MHz	64QAM	38000	1RB#0	21.72	23.32	33	PASS
Band38	20MHz	64QAM	38000	1RB#50	21.65	23.25	33	PASS
Band38	20MHz	64QAM	38000	1RB#99	21.57	23.17	33	PASS
Band38	20MHz	64QAM	38000	50RB#0	20.47	22.07	33	PASS
Band38	20MHz	64QAM	38000	50RB#25	20.57	22.17	33	PASS
Band38	20MHz	64QAM	38000	50RB#50	20.4	22.0	33	PASS
Band38	20MHz	64QAM	38000	100RB#0	20.35	21.95	33	PASS
Band38	20MHz	64QAM	38150	1RB#0	21.95	23.55	33	PASS
Band38	20MHz	64QAM	38150	1RB#50	21.91	23.51	33	PASS
Band38	20MHz	64QAM	38150	1RB#99	21.56	23.16	33	PASS
Band38	20MHz	64QAM	38150	50RB#0	20.57	22.17	33	PASS
Band38	20MHz	64QAM	38150	50RB#25	20.59	22.19	33	PASS
Band38	20MHz	64QAM	38150	50RB#50	20.5	22.1	33	PASS
Band38	20MHz	64QAM	38150	100RB#0	20.56	22.16	33	PASS

2 Appendix B: Peak-to-Average Ratio

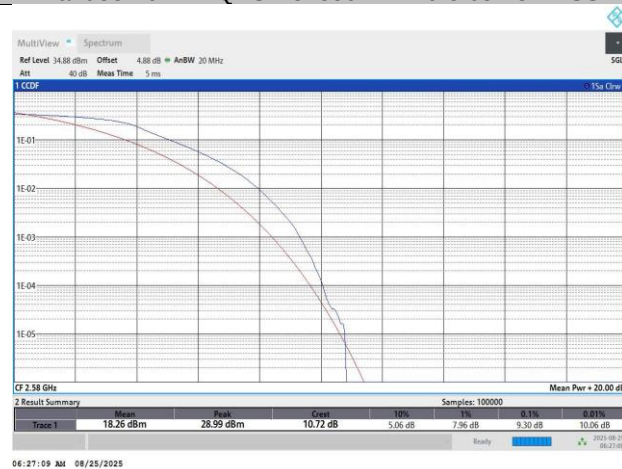
2.1 Test Result

Band	Channel bandwidth	Modulation	Channel	RB Configure	Result(dBm)	Limit(dB)	Verdict
Band38	20MHz	QPSK	37850	1RB#0	8.68	13	PASS
Band38	20MHz	QPSK	37850	100RB#0	9.3	13	PASS
Band38	20MHz	QPSK	38000	1RB#0	8.92	13	PASS
Band38	20MHz	QPSK	38000	100RB#0	9.26	13	PASS
Band38	20MHz	QPSK	38150	1RB#0	8.7	13	PASS
Band38	20MHz	QPSK	38150	100RB#0	9.2	13	PASS
Band38	20MHz	16QAM	37850	1RB#0	9.18	13	PASS
Band38	20MHz	16QAM	37850	100RB#0	9.9	13	PASS
Band38	20MHz	16QAM	38000	1RB#0	9.4	13	PASS
Band38	20MHz	16QAM	38000	100RB#0	9.88	13	PASS
Band38	20MHz	16QAM	38150	1RB#0	9.36	13	PASS
Band38	20MHz	16QAM	38150	100RB#0	9.84	13	PASS
Band38	20MHz	64QAM	37850	1RB#0	10.24	13	PASS
Band38	20MHz	64QAM	37850	100RB#0	10.2	13	PASS
Band38	20MHz	64QAM	38000	1RB#0	10.18	13	PASS
Band38	20MHz	64QAM	38000	100RB#0	10.22	13	PASS
Band38	20MHz	64QAM	38150	1RB#0	10.62	13	PASS
Band38	20MHz	64QAM	38150	100RB#0	10.16	13	PASS

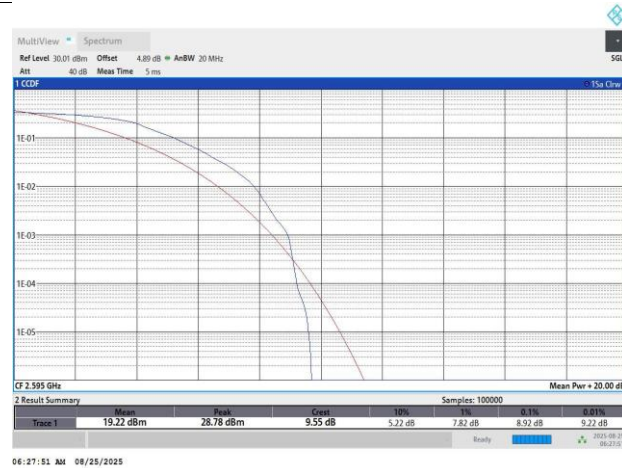
2.2 Test Plots



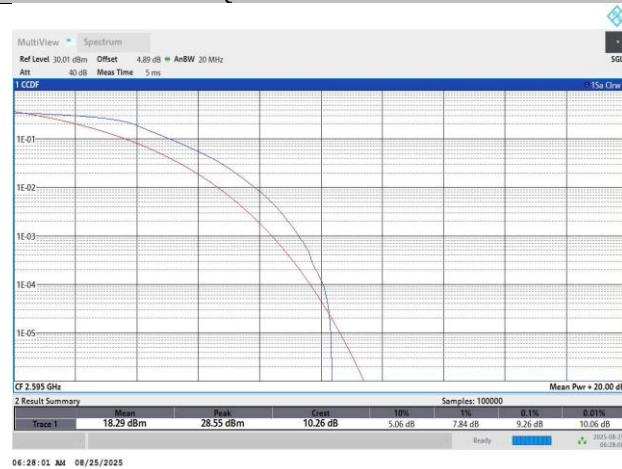
Band38-20MHz-QPSK-37850-1RB#0-8.68-13-PASS



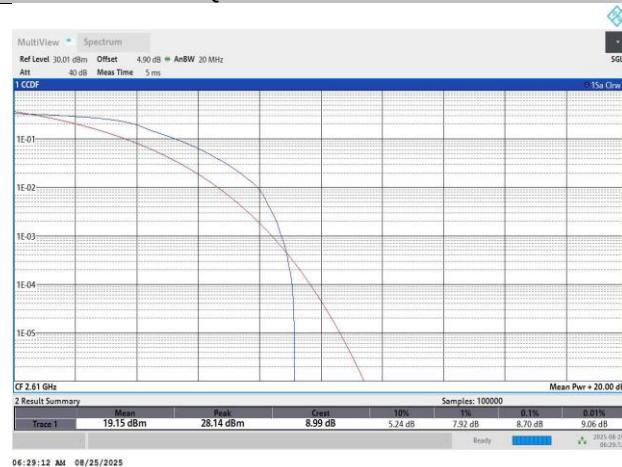
Band38-20MHz-QPSK-37850-100RB#0-9.3-13-PASS



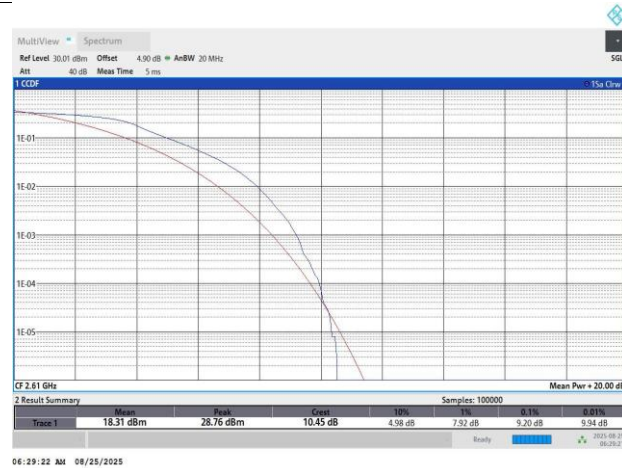
Band38-20MHz-QPSK-38000-1RB#0-8.92-13-PASS



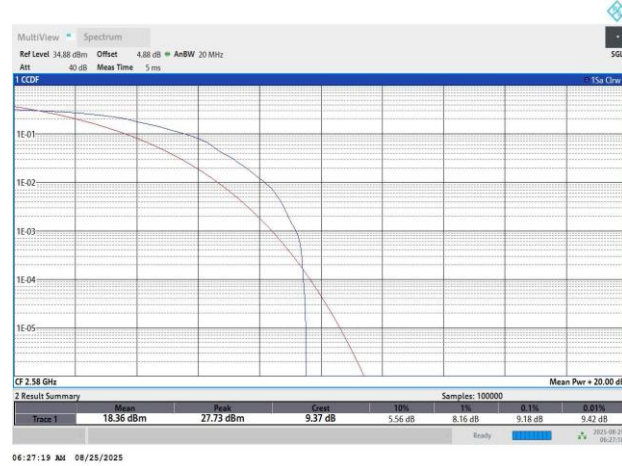
Band38-20MHz-QPSK-38000-100RB#0-9.26-13-PASS



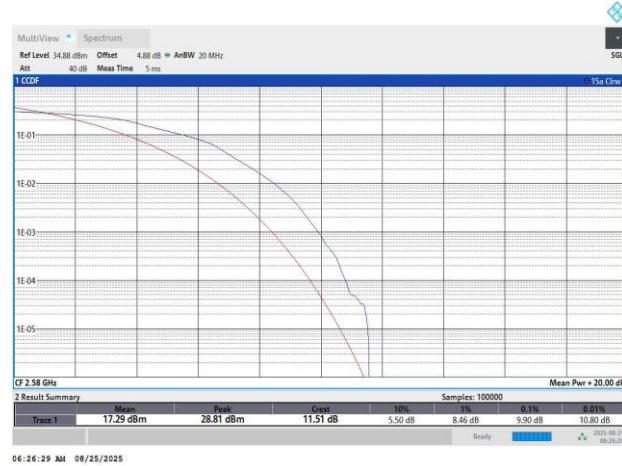
Band38-20MHz-QPSK-38150-1RB#0-8.7-13-PASS



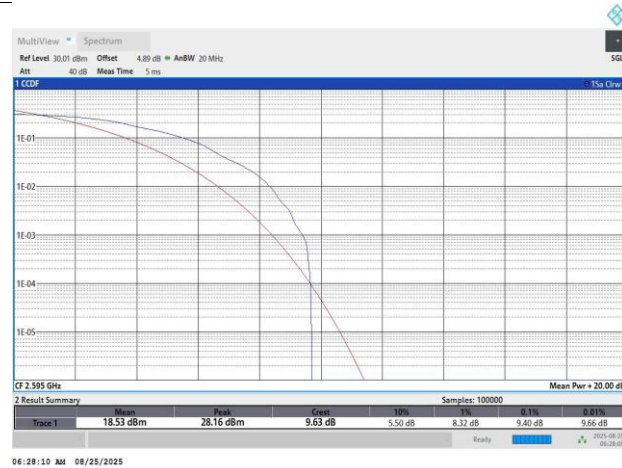
Band38-20MHz-QPSK-38150-100RB#0-9.2-13-PASS



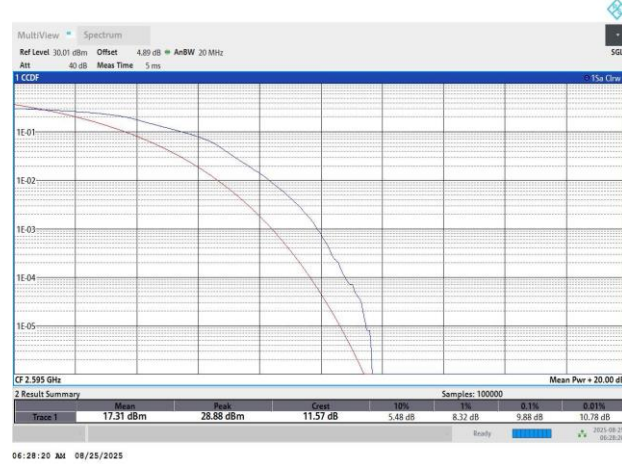
Band38-20MHz-16QAM-37850-1RB#0-9.18-13-PASS



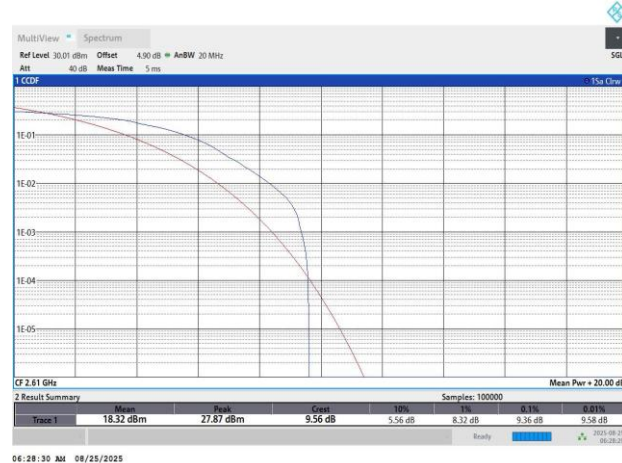
Band38-20MHz-16QAM-37850-100RB#0-9.9-13-PASS



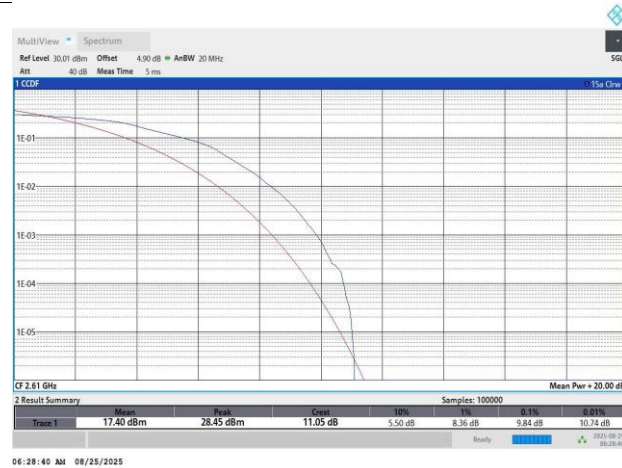
Band38-20MHz-16QAM-38000-1RB#0-9.4-13-PASS



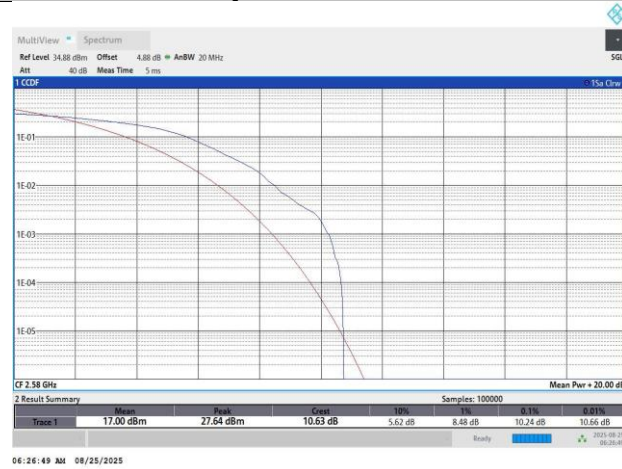
Band38-20MHz-16QAM-38000-100RB#0-9.88-13-PASS



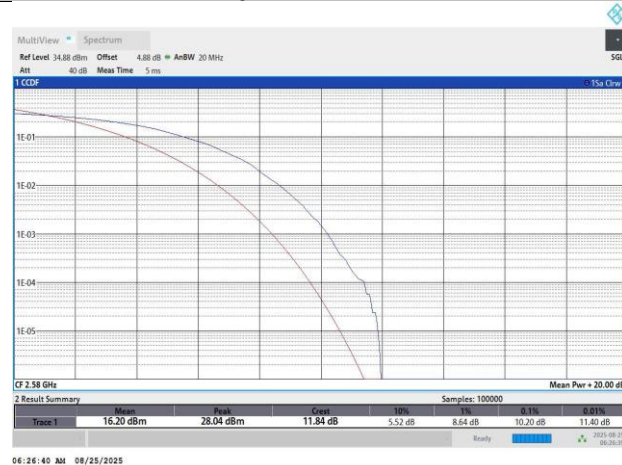
Band38-20MHz-16QAM-38150-1RB#0-9.36-13-PASS



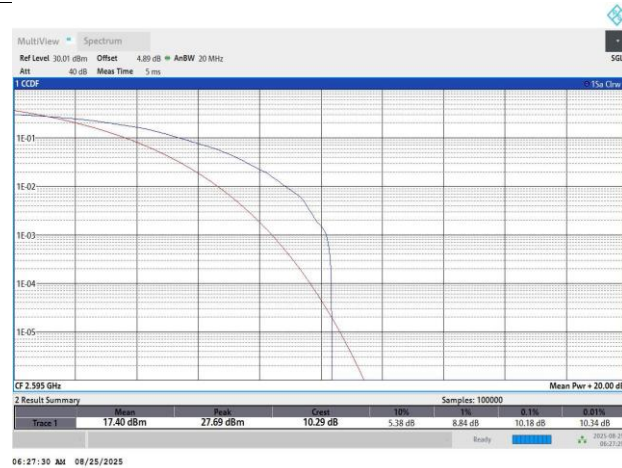
Band38-20MHz-16QAM-38150-100RB#0-9.84-13-PASS



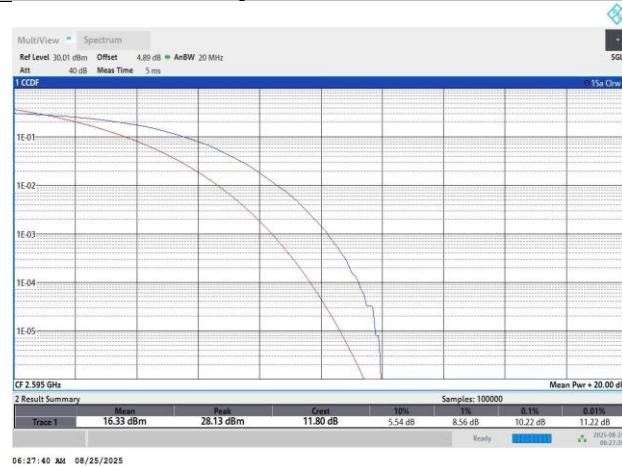
Band38-20MHz-64QAM-37850-100RB#0-10.24-13-PASS



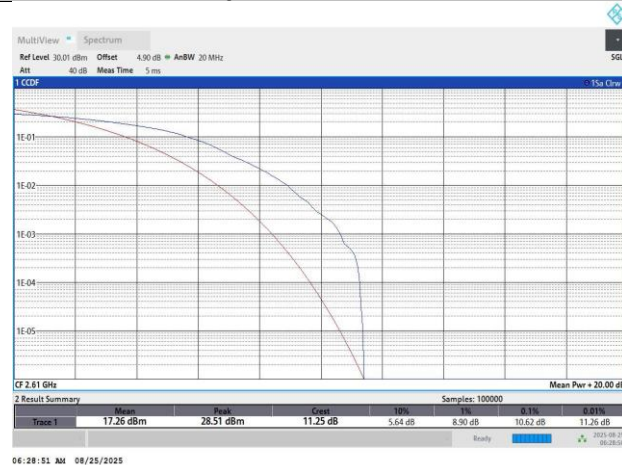
Band38-20MHz-64QAM-37850-100RB#0-10.2-13-PASS



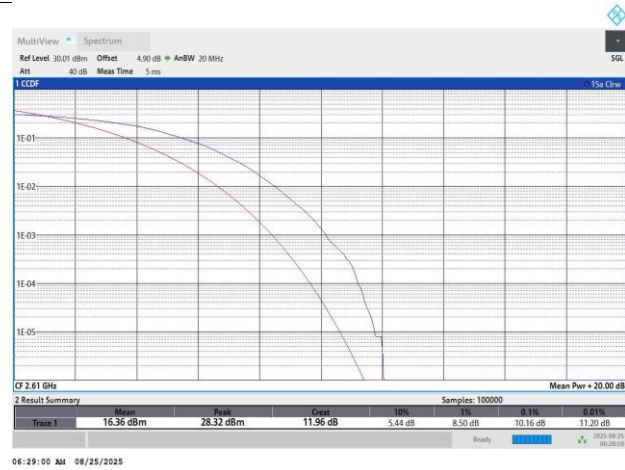
Band38-20MHz-64QAM-38000-1RB#0-10.18-13-PASS



Band38-20MHz-64QAM-38000-100RB#0-10.22-13-PASS



Band38-20MHz-64QAM-38150-1RB#0-10.62-13-PASS



Band38-20MHz-64QAM-38150-100RB#0-10.16-13-PASS

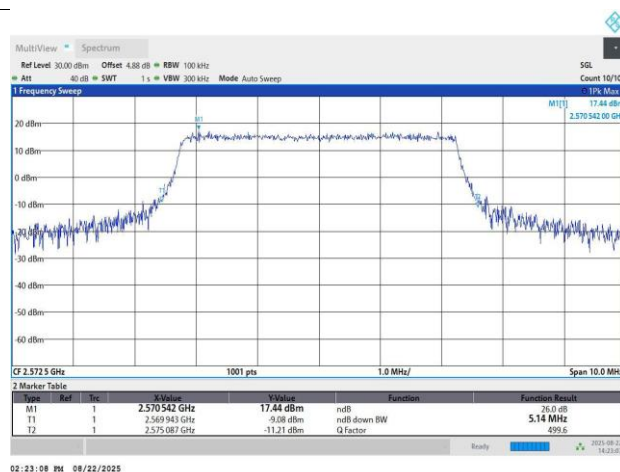
3 Appendix C: 26dB Bandwidth and Occupied Bandwidth

3.1 Test Result

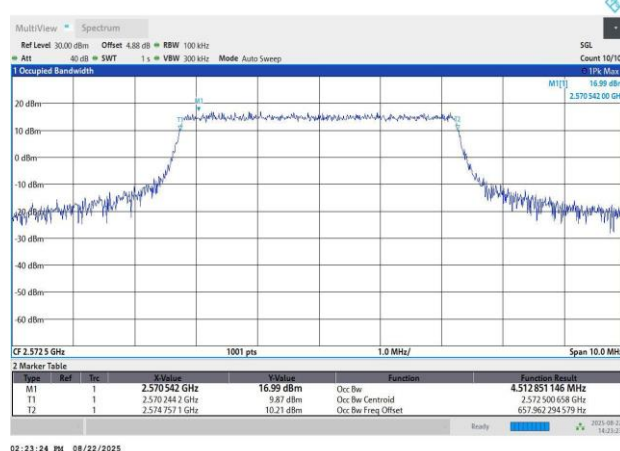
Band	Channel bandwidth	Modulation	Channel	RB Configure	Occupied Bandwidth (MHz)	26dB Bandwidth (MHz)	Verdict
Band38	5MHz	QPSK	37775	25RB#0	4.51	5.14	See graph
Band38	5MHz	QPSK	38000	25RB#0	4.51	5.13	See graph
Band38	5MHz	QPSK	38225	25RB#0	4.51	5.08	See graph
Band38	5MHz	16QAM	37775	25RB#0	4.51	5.09	See graph
Band38	5MHz	16QAM	38000	25RB#0	4.52	5.07	See graph
Band38	5MHz	16QAM	38225	25RB#0	4.51	5.09	See graph
Band38	5MHz	64QAM	37775	25RB#0	4.51	5.12	See graph
Band38	5MHz	64QAM	38000	25RB#0	4.51	5.08	See graph
Band38	5MHz	64QAM	38225	25RB#0	4.51	5.13	See graph
Band38	10MHz	QPSK	37800	50RB#0	9.03	10.03	See graph
Band38	10MHz	QPSK	38000	50RB#0	9.02	10.09	See graph
Band38	10MHz	QPSK	38200	50RB#0	9.02	10.23	See graph
Band38	10MHz	16QAM	37800	50RB#0	9.04	10.01	See graph
Band38	10MHz	16QAM	38000	50RB#0	9.02	10.13	See graph
Band38	10MHz	16QAM	38200	50RB#0	9.02	10.07	See graph
Band38	10MHz	64QAM	37800	50RB#0	9.03	10.23	See graph
Band38	10MHz	64QAM	38000	50RB#0	9.02	10.09	See graph
Band38	10MHz	64QAM	38200	50RB#0	9.02	10.19	See graph
Band38	15MHz	QPSK	37825	75RB#0	13.52	15.11	See graph
Band38	15MHz	QPSK	38000	75RB#0	13.53	14.98	See graph
Band38	15MHz	QPSK	38175	75RB#0	13.53	15.02	See graph
Band38	15MHz	16QAM	37825	75RB#0	13.52	14.89	See graph
Band38	15MHz	16QAM	38000	75RB#0	13.52	14.8	See graph
Band38	15MHz	16QAM	38175	75RB#0	13.52	14.96	See graph
Band38	15MHz	64QAM	37825	75RB#0	13.51	15.04	See graph
Band38	15MHz	64QAM	38000	75RB#0	13.52	14.87	See graph
Band38	15MHz	64QAM	38175	75RB#0	13.51	14.89	See graph
Band38	20MHz	QPSK	37850	100RB#0	18.1	20.26	See graph
Band38	20MHz	QPSK	38000	100RB#0	18.09	20.14	See graph
Band38	20MHz	QPSK	38150	100RB#0	18.13	20.22	See graph
Band38	20MHz	16QAM	37850	100RB#0	18.1	20.1	See graph

Band38	20MHz	16QAM	38000	100RB#0	18.13	20.18	See graph
Band38	20MHz	16QAM	38150	100RB#0	18.13	20.1	See graph
Band38	20MHz	64QAM	37850	100RB#0	18.1	20.46	See graph
Band38	20MHz	64QAM	38000	100RB#0	18.1	20.22	See graph
Band38	20MHz	64QAM	38150	100RB#0	18.1	20.06	See graph

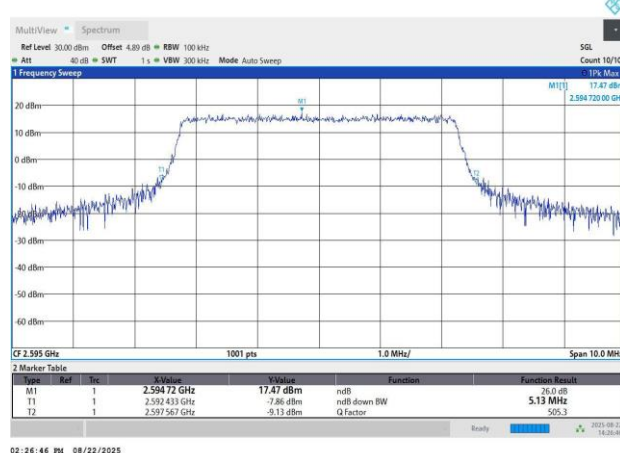
3.2 Test Plots



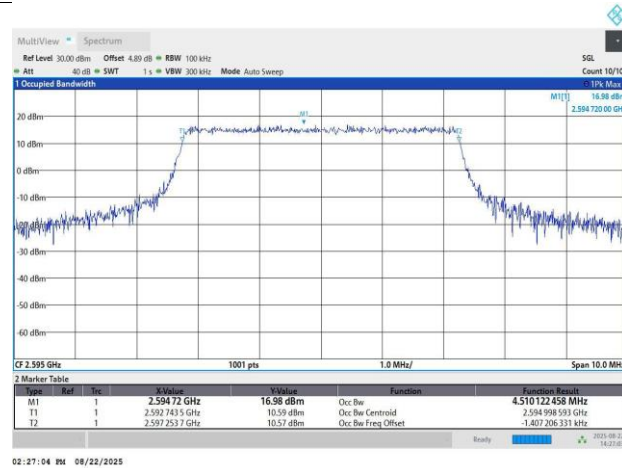
Band38-5MHz-QPSK-37775-25RB#0-4.51-5.14



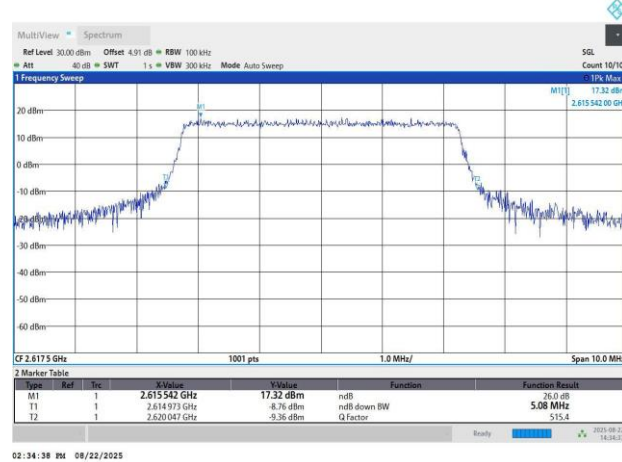
Band38-5MHz-QPSK-37775-25RB#0-4.51-5.14



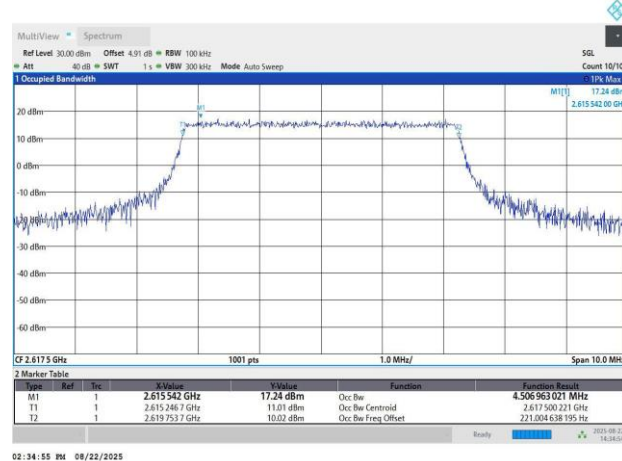
Band38-5MHz-QPSK-38000-25RB#0-4.51-5.13



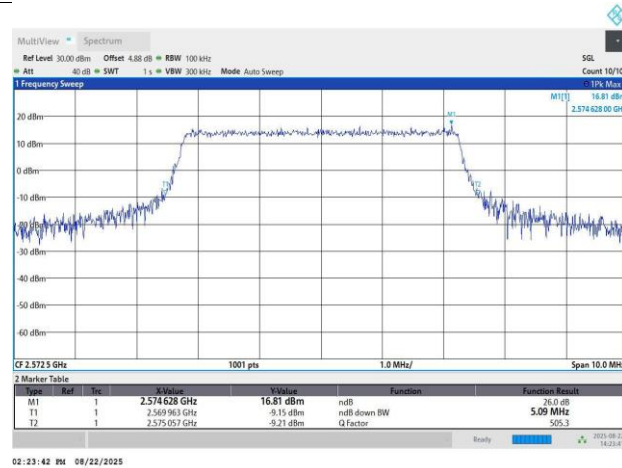
Band38-5MHz-QPSK-38000-25RB#0-4.51-5.13



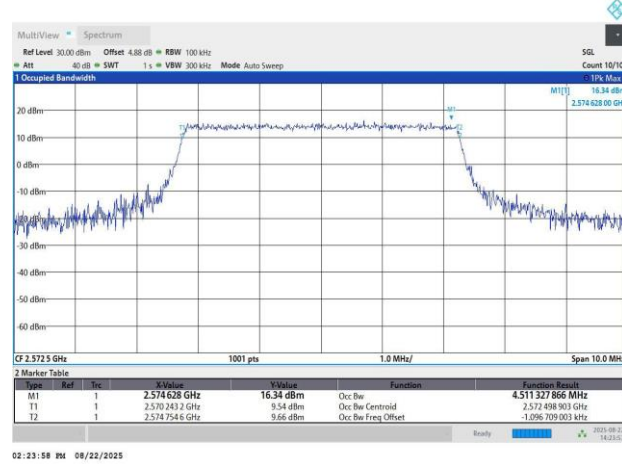
Band38-5MHz-QPSK-38225-25RB#0-4.51-5.08



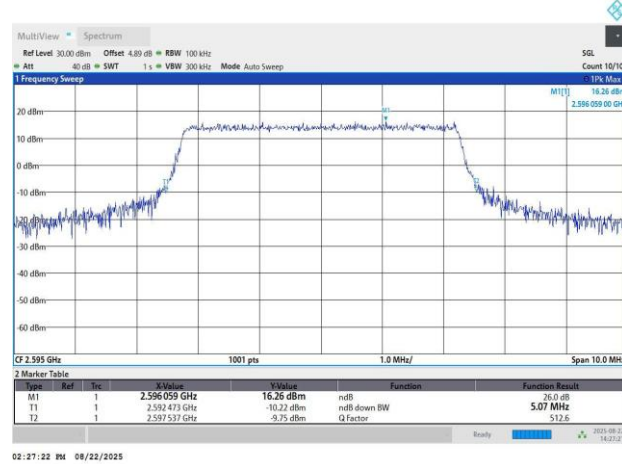
Band38-5MHz-QPSK-38225-25RB#0-4.51-5.08



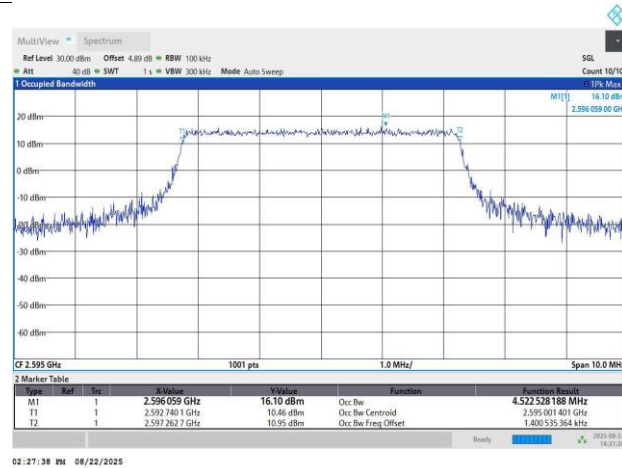
Band38-5MHz-16QAM-37775-25RB#0-4.51-5.09



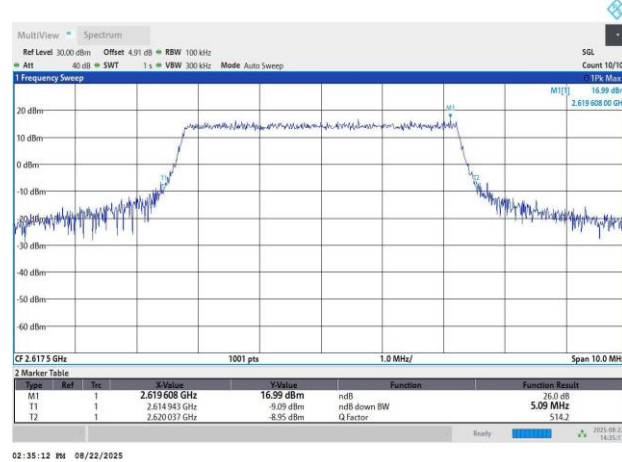
Band38-5MHz-16QAM-37775-25RB#0-4.51-5.09



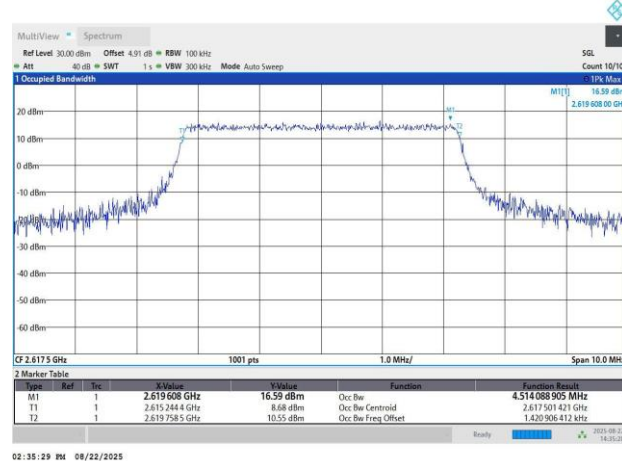
Band38-5MHz-16QAM-38000-25RB#0-4.52-5.07



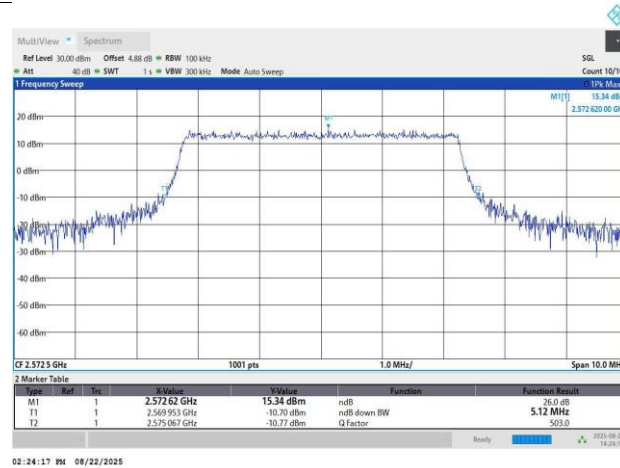
Band38-5MHz-16QAM-38000-25RB#0-4.52-5.07



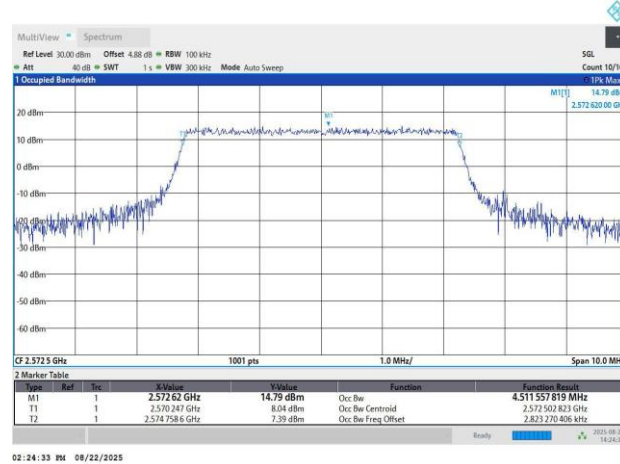
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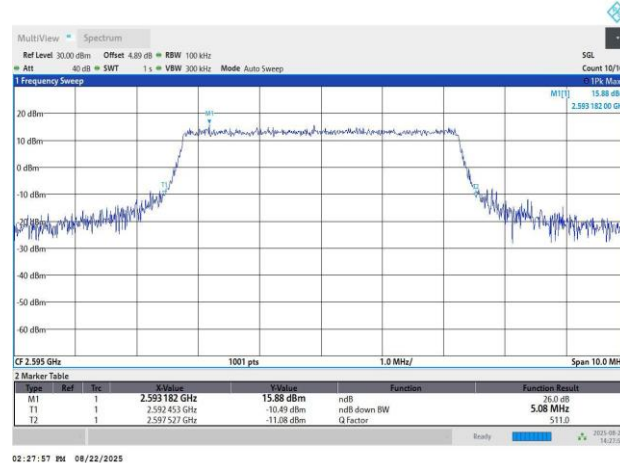
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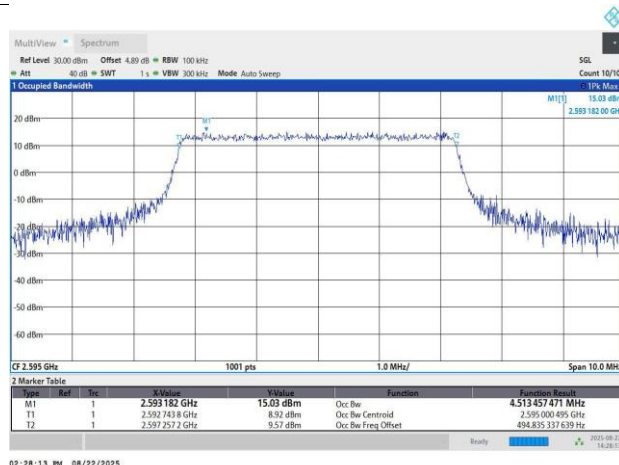
Band38-5MHz-64QAM-37775-25RB#0-4.51-5.12



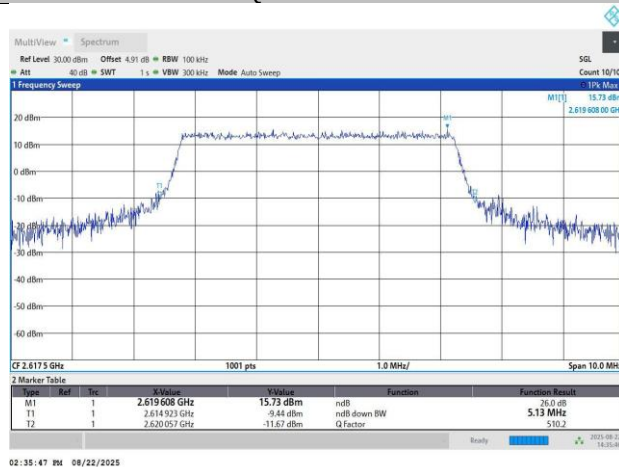
Band38-5MHz-64QAM-37775-25RB#0-4.51-5.12



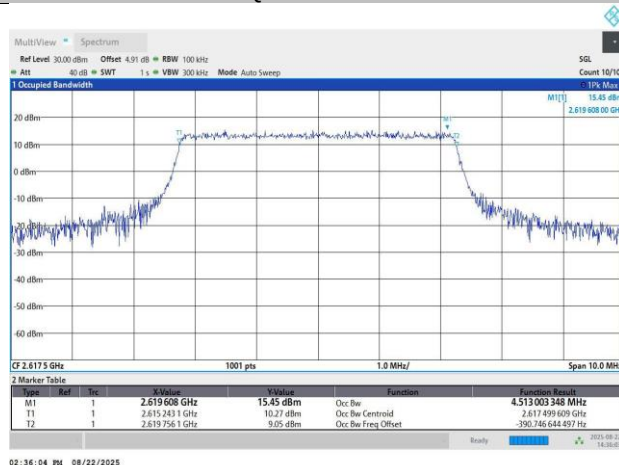
Band38-5MHz-64QAM-38000-25RB#0-4.51-5.08



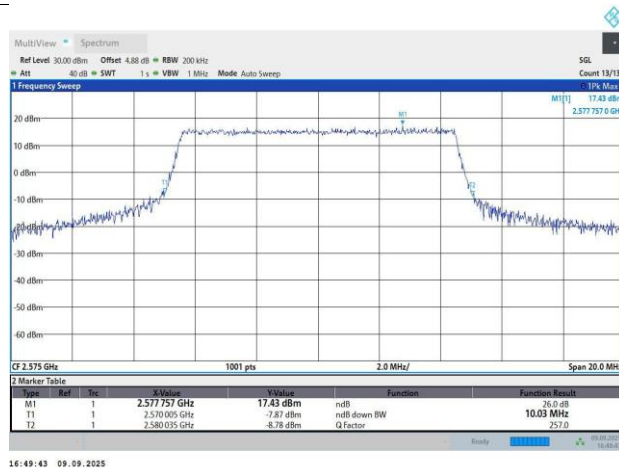
Band38-5MHz-64QAM-38000-25RB#0-4.51-5.08



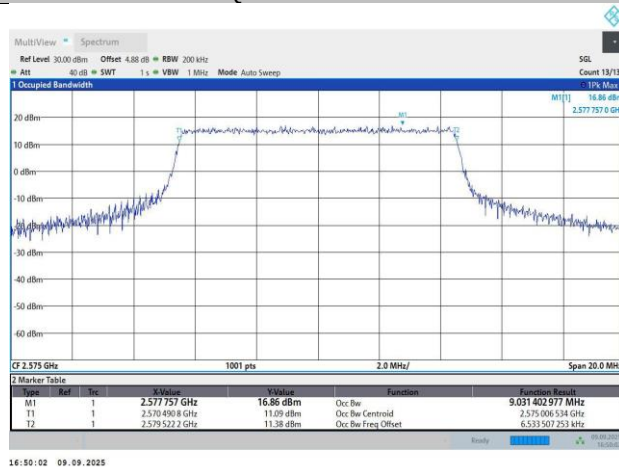
Band38-5MHz-64QAM-38225-25RB#0-4.51-5.13



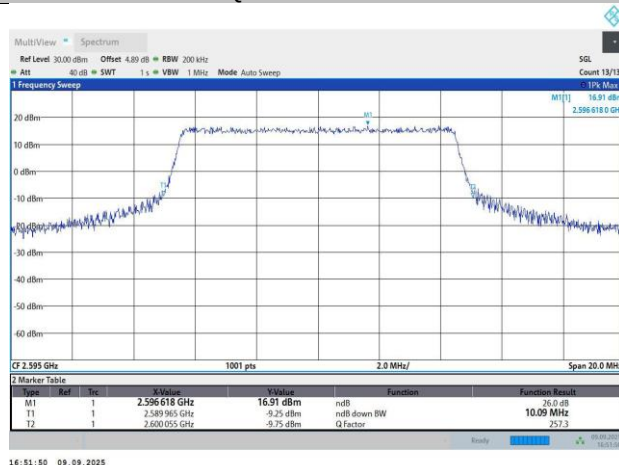
Band38-5MHz-64QAM-38225-25RB#0-4.51-5.13



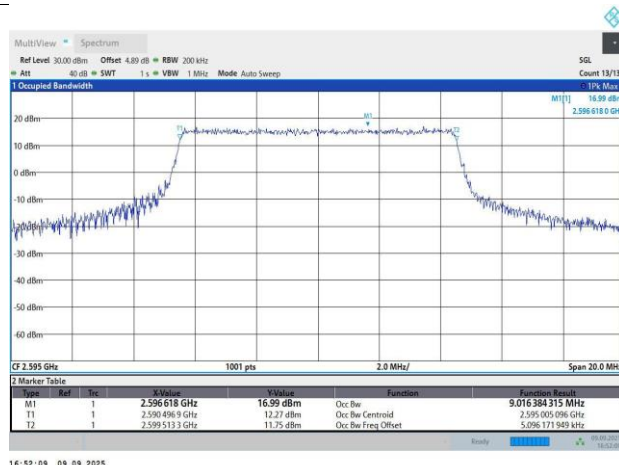
Band38-10MHz-QPSK-37800-50RB#0-9.03-10.03



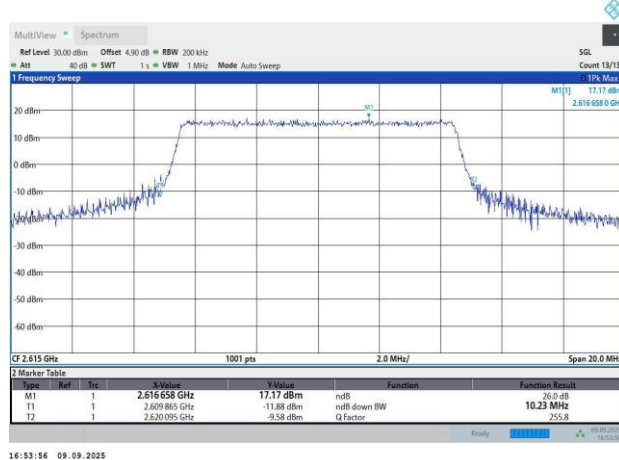
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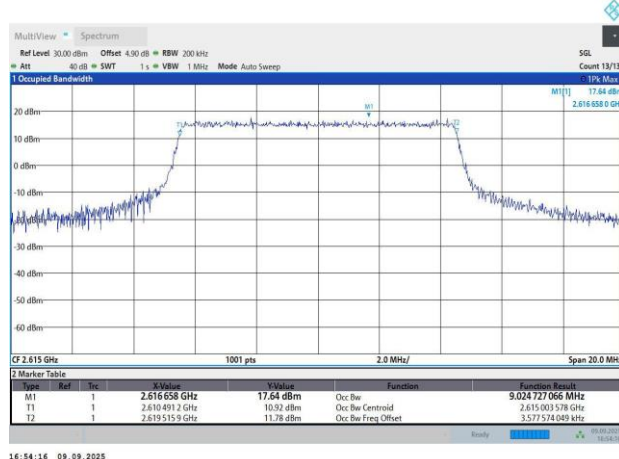
Band38-10MHz-QPSK-38000-50RB#0-9.02-10.09



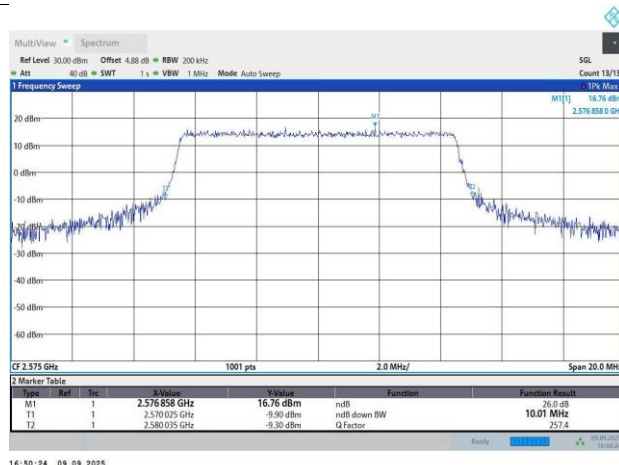
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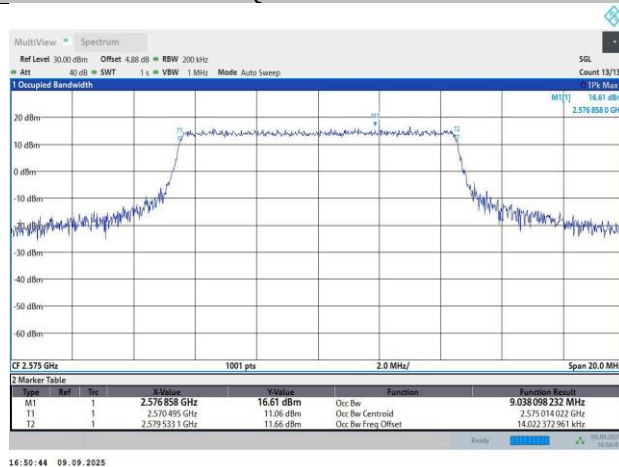
Band38-10MHz-QPSK-38200-50RB#0-9.02-10.23



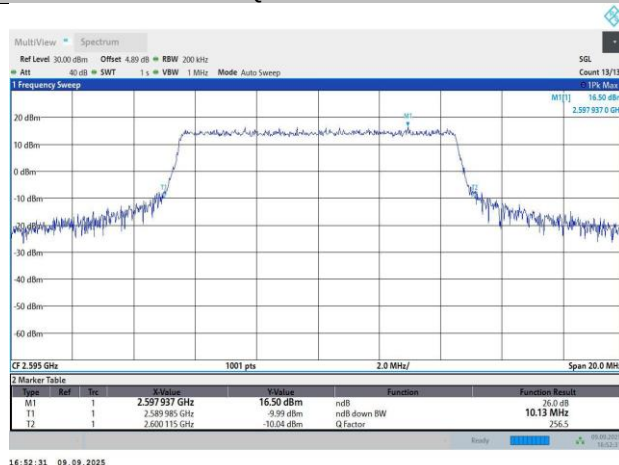
Band38-10MHz-QPSK-38200-50RB#0-9.02-10.23



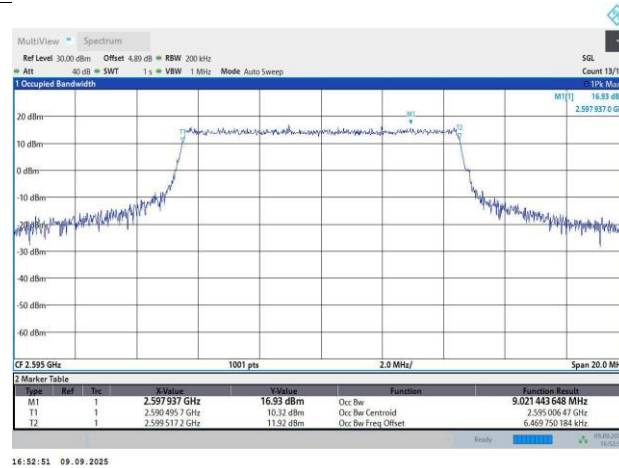
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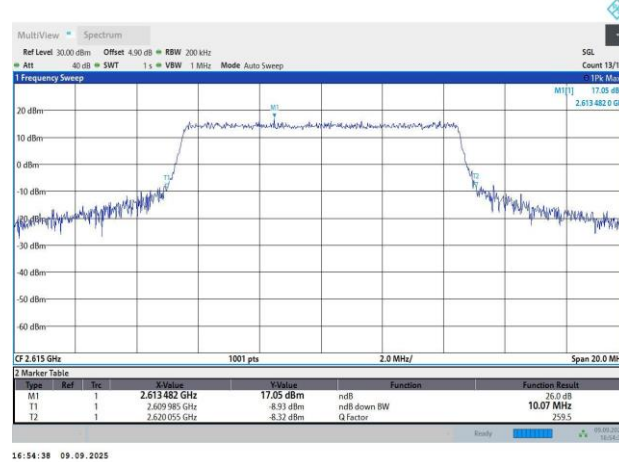
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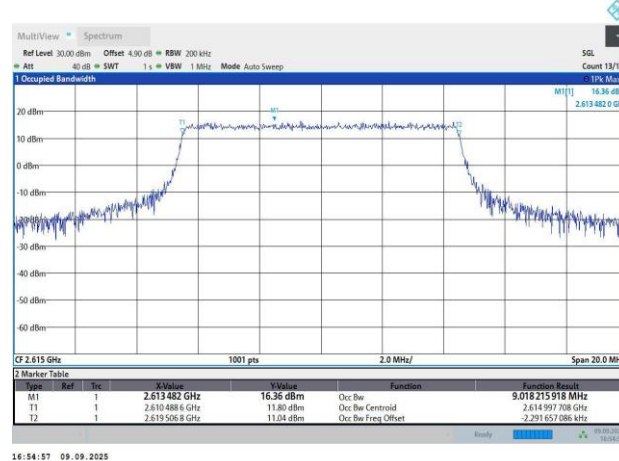
Band38-10MHz-16QAM-38000-50RB#0-9.02-10.13



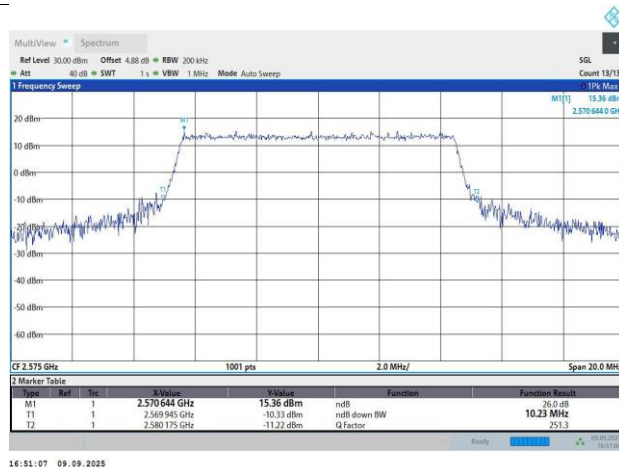
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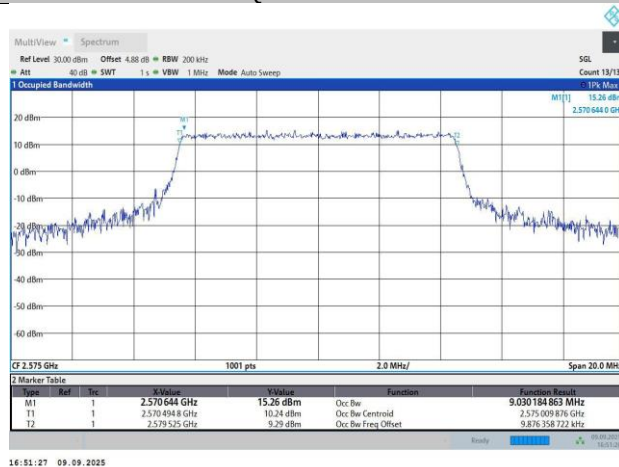
Band38-10MHz-16QAM-38200-50RB#0-9.02-10.07



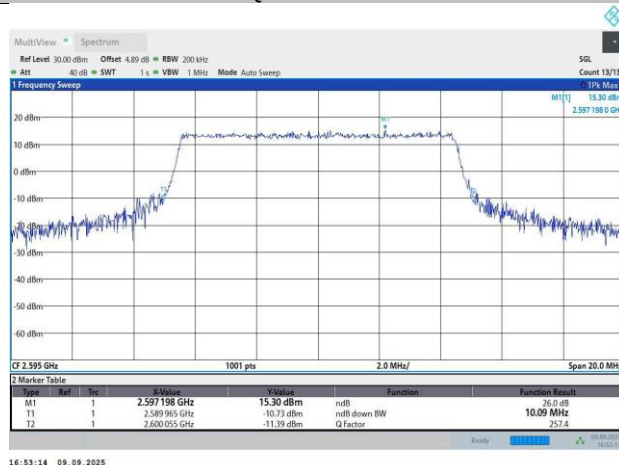
Band38-10MHz-16QAM-38200-50RB#0-9.02-10.07



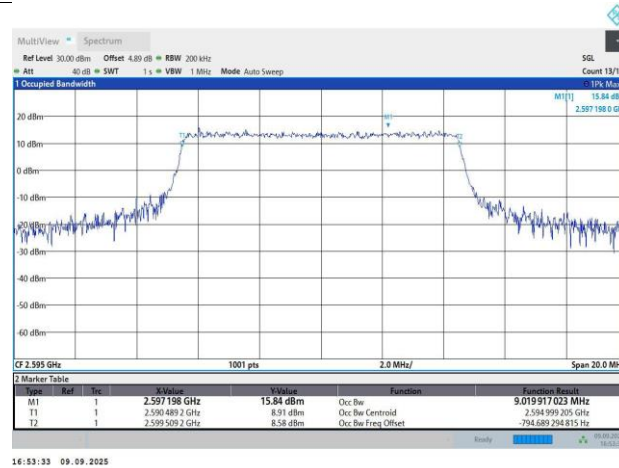
Band38-10MHz-64QAM-37800-50RB#0-9.03-10.23



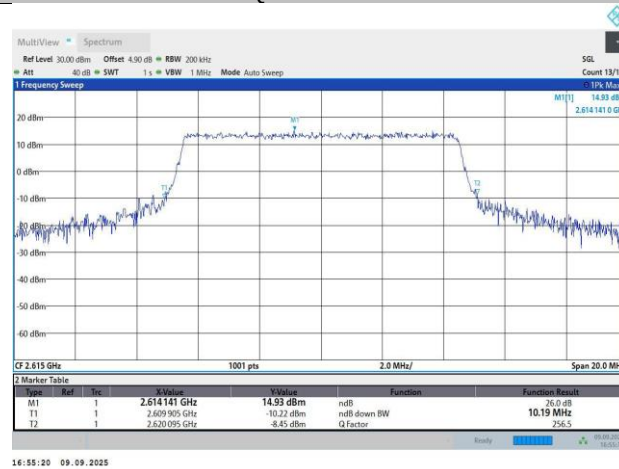
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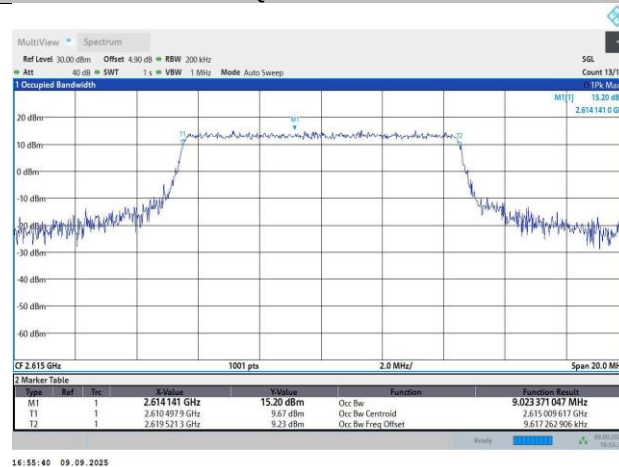
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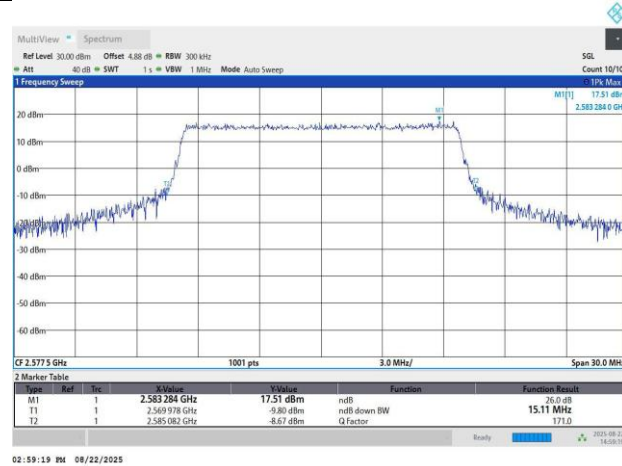
Band38-10MHz-64QAM-38000-50RB#0-9.02-10.09



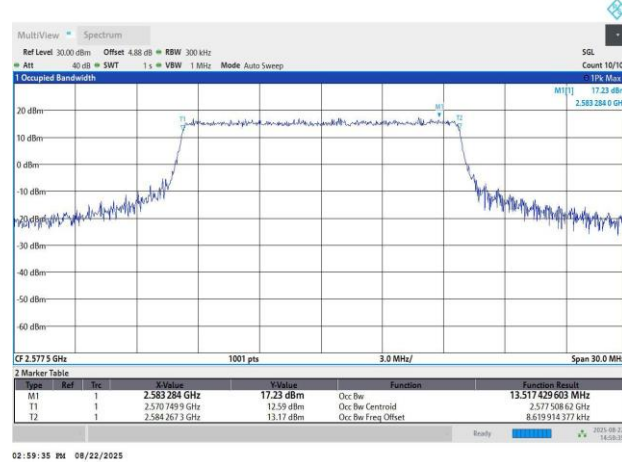
Band38-10MHz-64QAM-38200-50RB#0-9.02-10.19



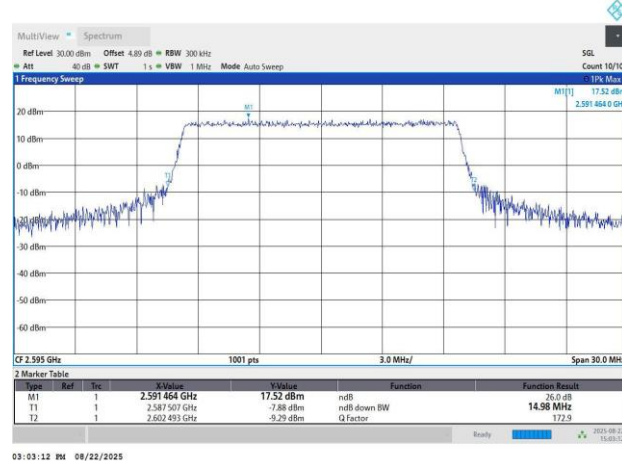
Band38-10MHz-64QAM-38200-50RB#0-9.02-10.19



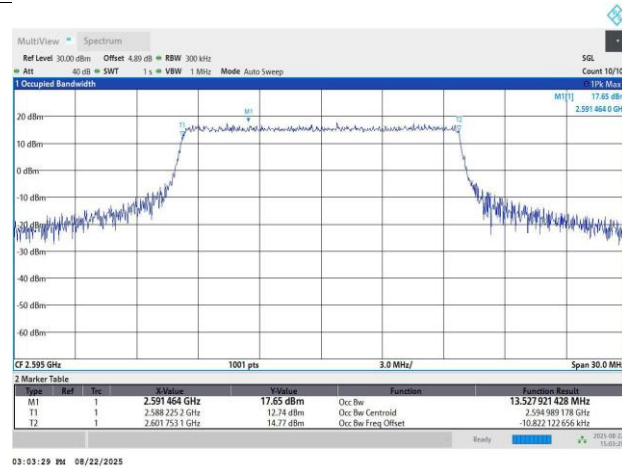
Band38-15MHz-QPSK-37825-75RB#0-13.52-15.11



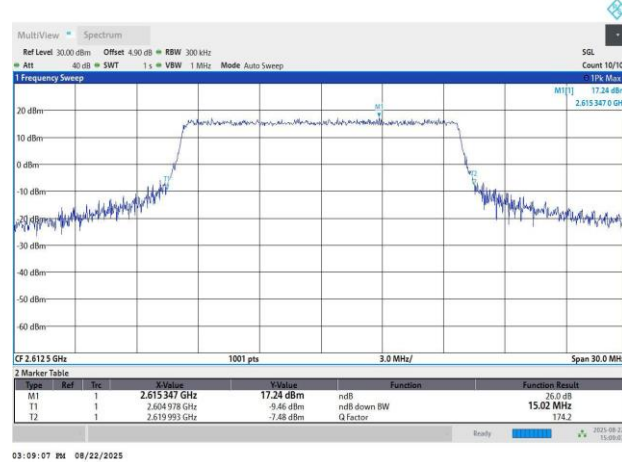
Band38-15MHz-QPSK-37825-75RB#0-13.52-15.11



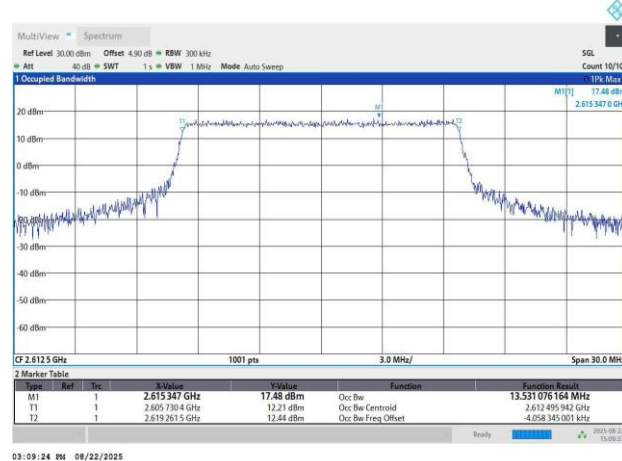
Band38-15MHz-QPSK-38000-75RB#0-13.53-14.98



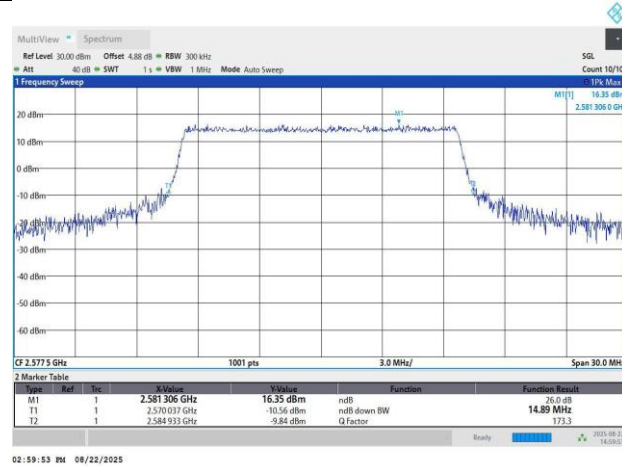
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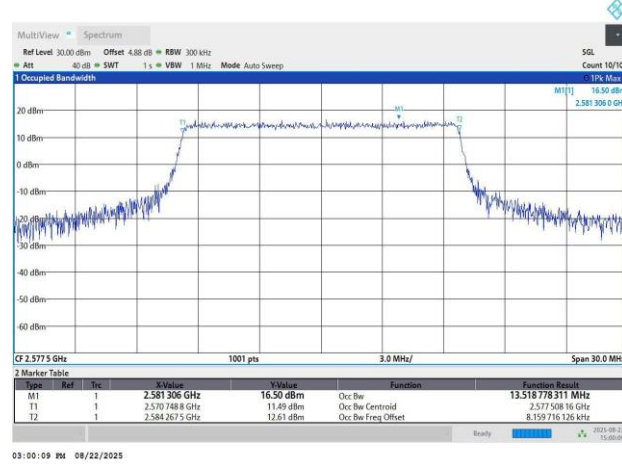
Band38-15MHz-QPSK-38175-75RB#0-13.53-15.02



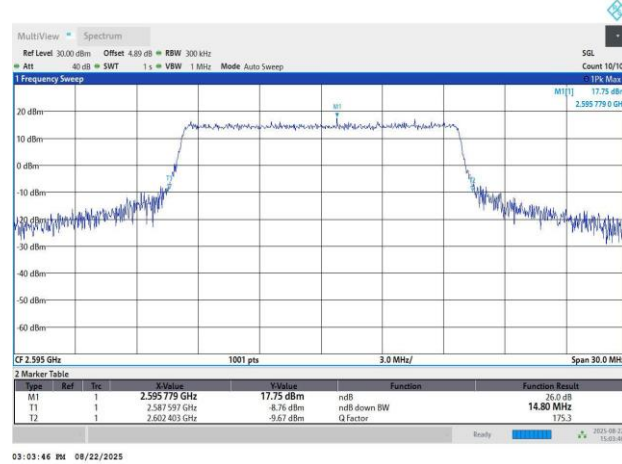
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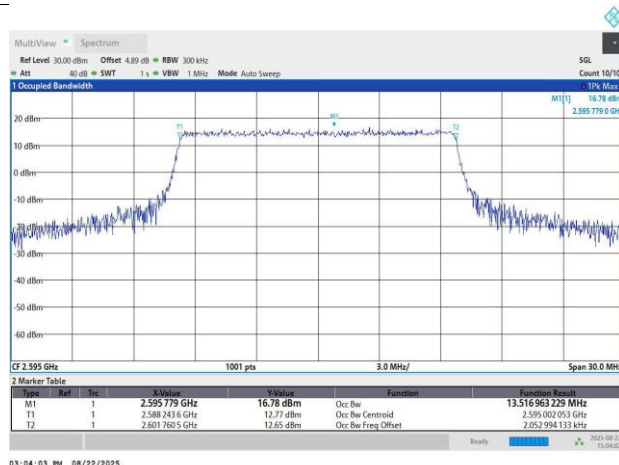
Band38-15MHz-16QAM-37825-75RB#0-13.52-14.89



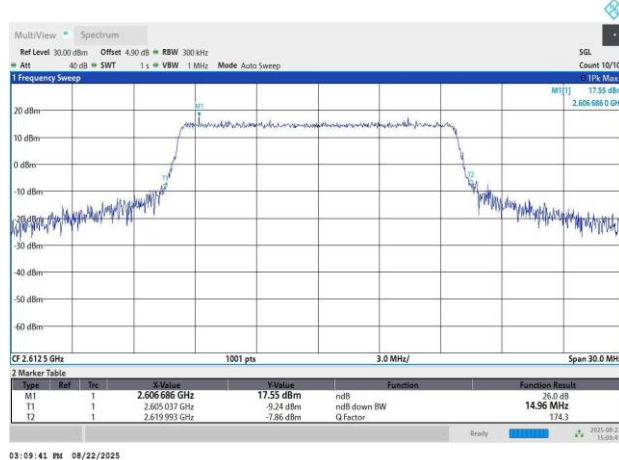
Band38-15MHz-16QAM-37825-75RB#0-13.52-14.89



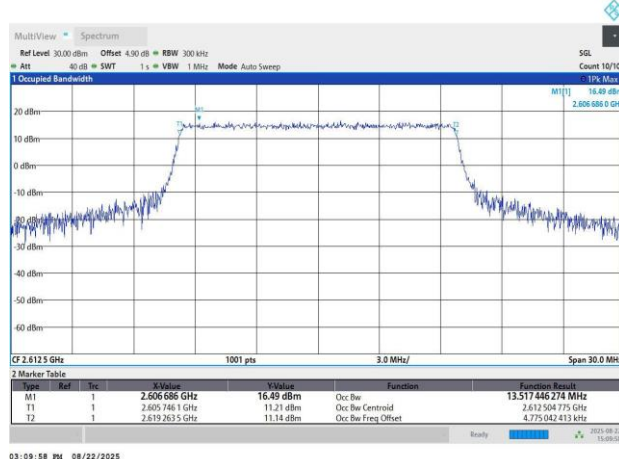
Band38-15MHz-16QAM-38000-75RB#0-13.52-14.8



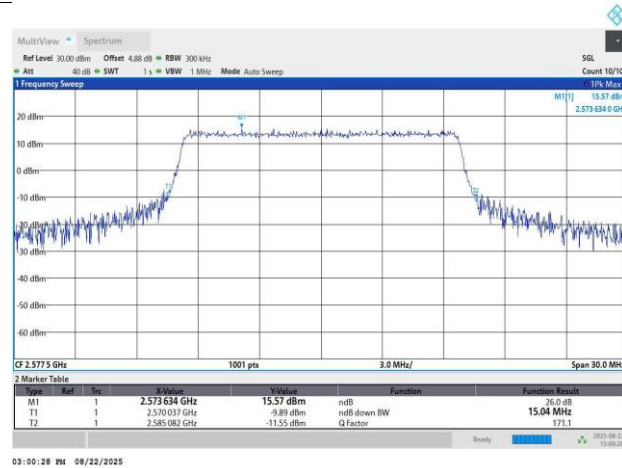
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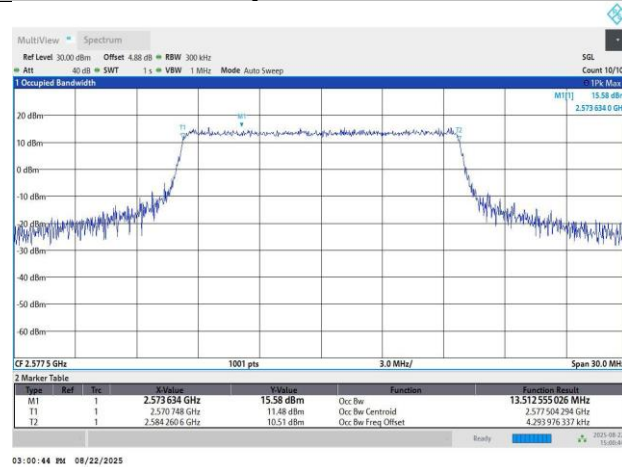
Band38-15MHz-16QAM-38175-75RB#0-13.52-14.96



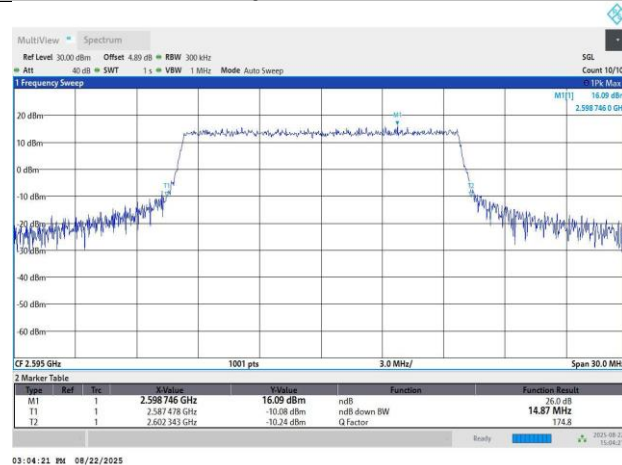
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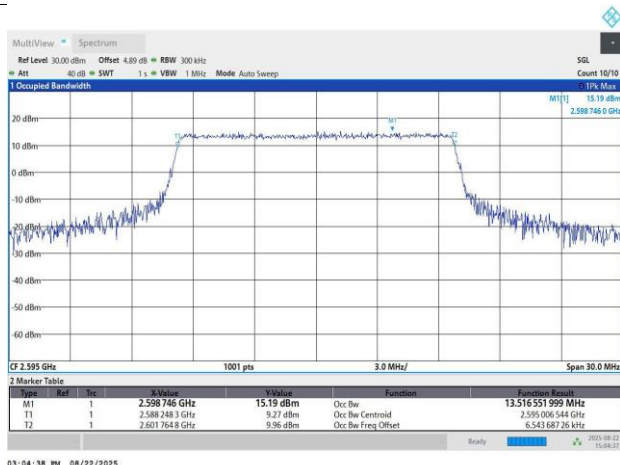
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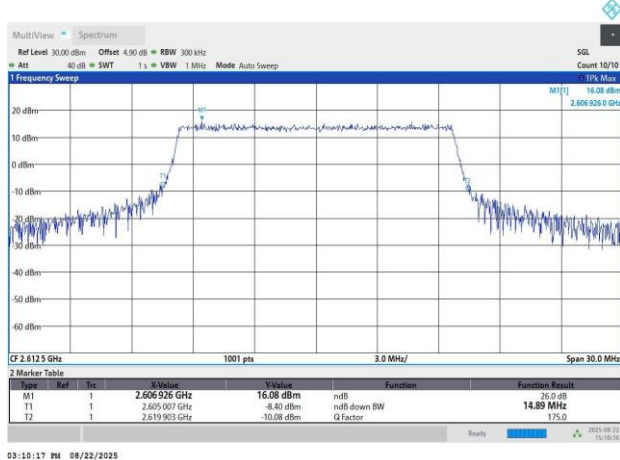
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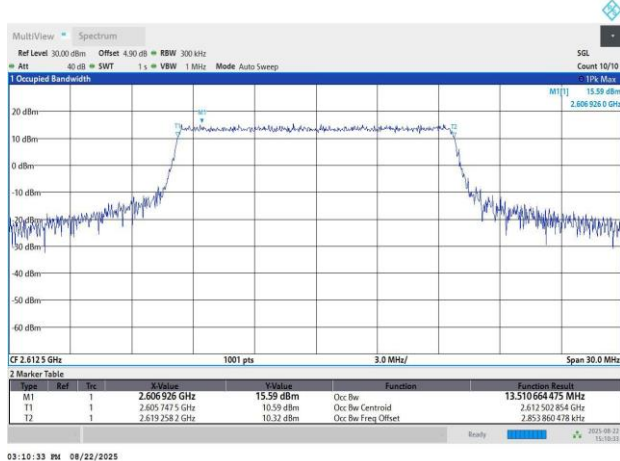
Band38-15MHz-64QAM-38000-75RB#0-13.52-14.87



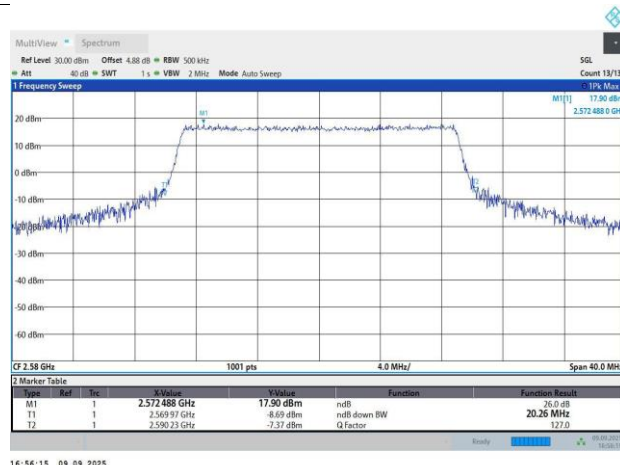
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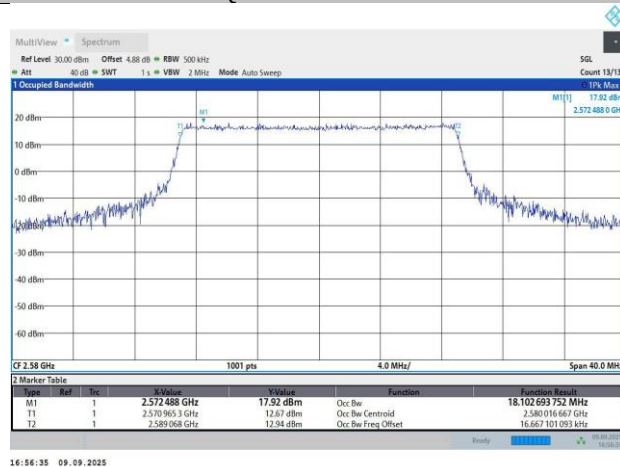
Band38-15MHz-64QAM-38175-75RB#0-13.51-14.89



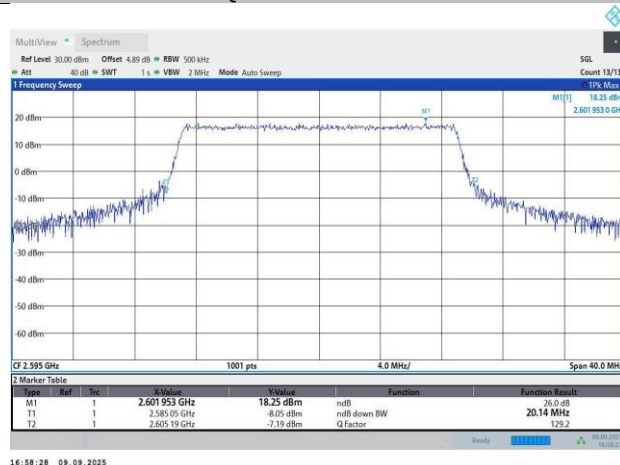
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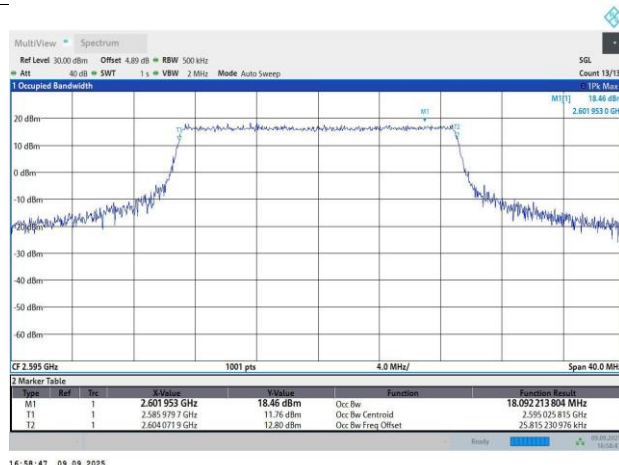
Band38-20MHz-QPSK-37850-100RB#0-18.1-20.26



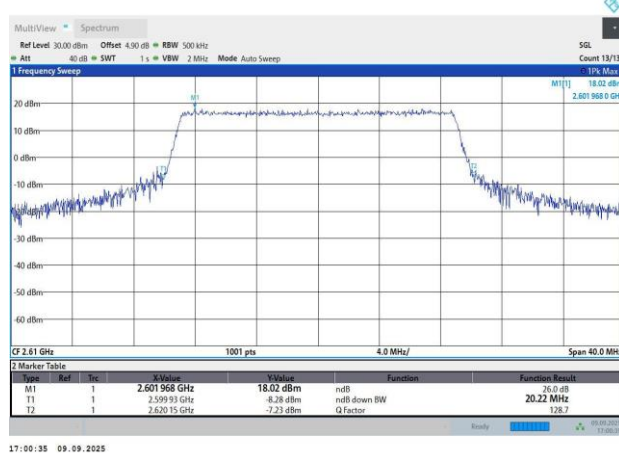
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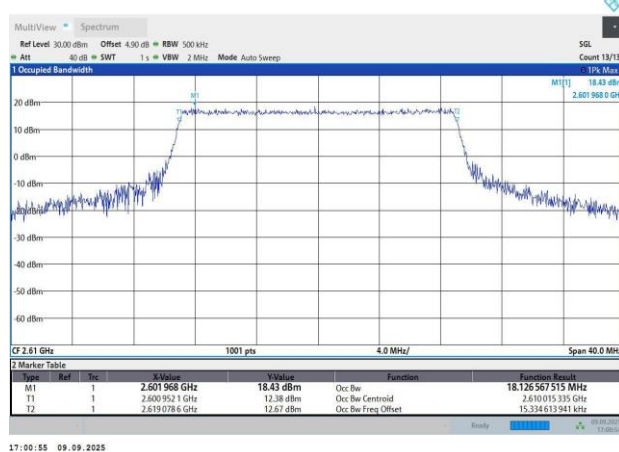
Band38-20MHz-QPSK-38000-100RB#0-18.09-20.14



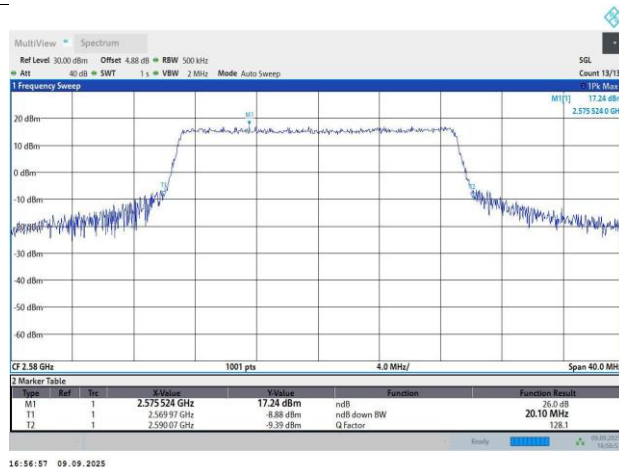
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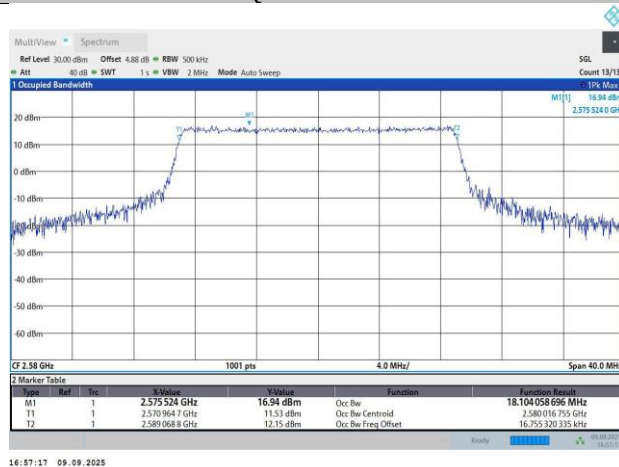
Band38-20MHz-QPSK-38150-100RB#0-18.13-20.22



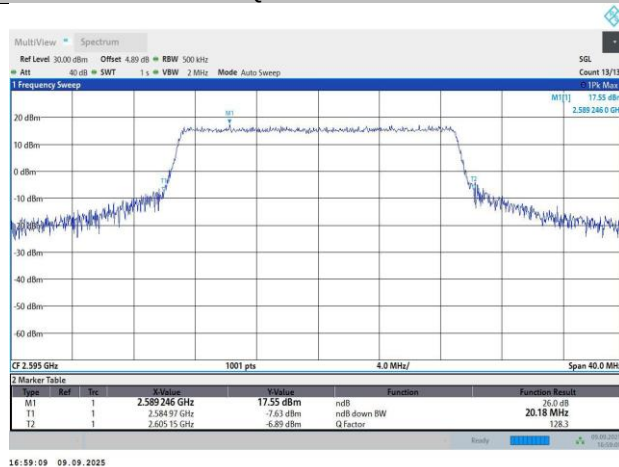
Band38-20MHz-QPSK-38150-100RB#0-18.13-20.22



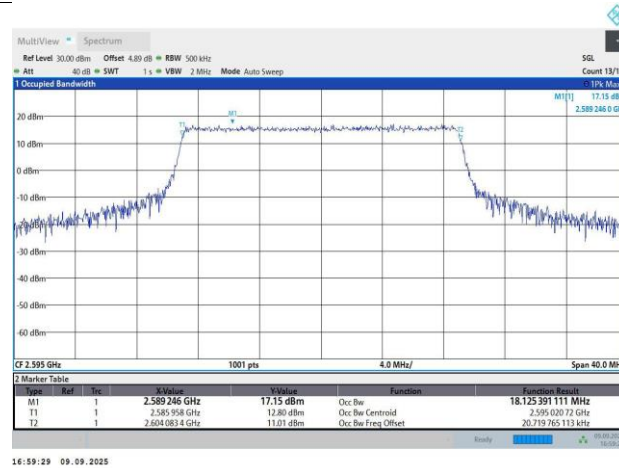
Band38-20MHz-16QAM-37850-100RB#0-18.1-20.1



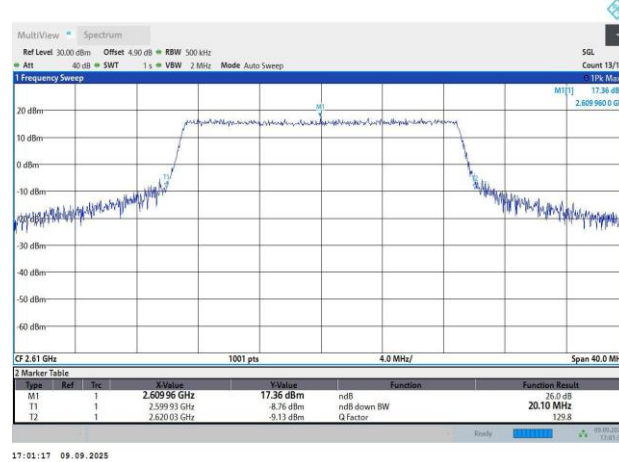
Band38-20MHz-16QAM-37850-100RB#0-18.1-20.1



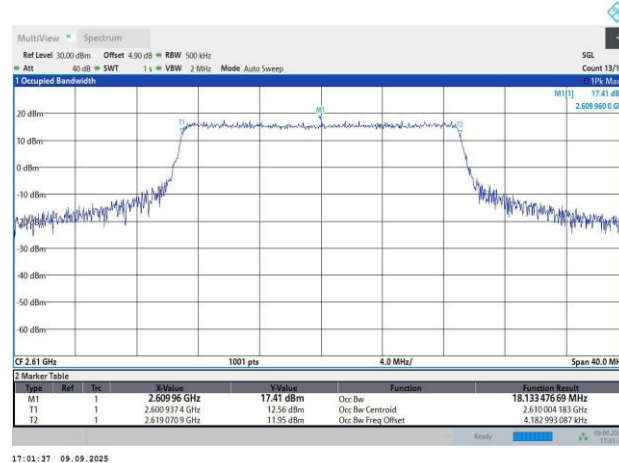
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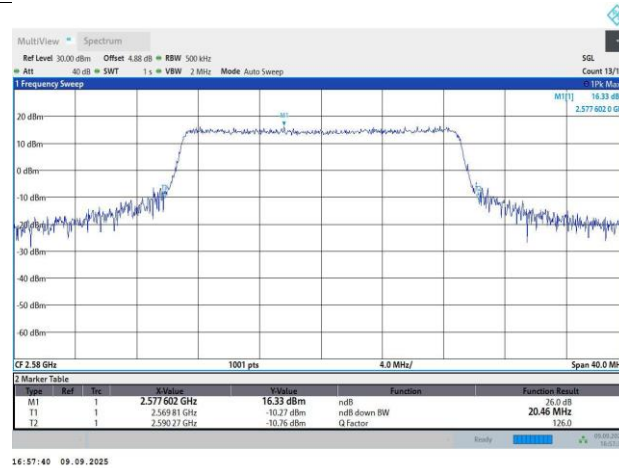
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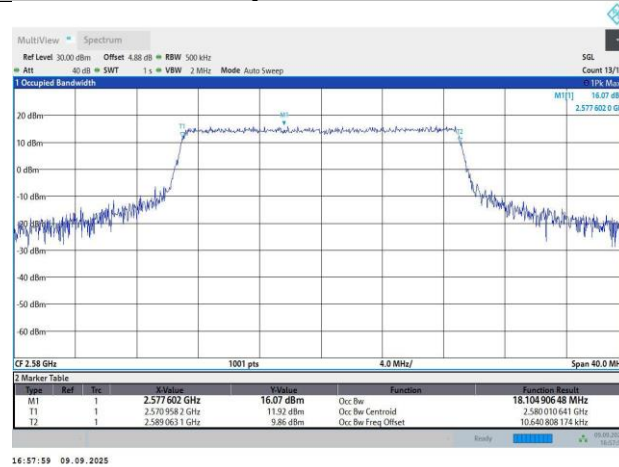
Band38-20MHz-16QAM-38150-100RB#0-18.13-20.1



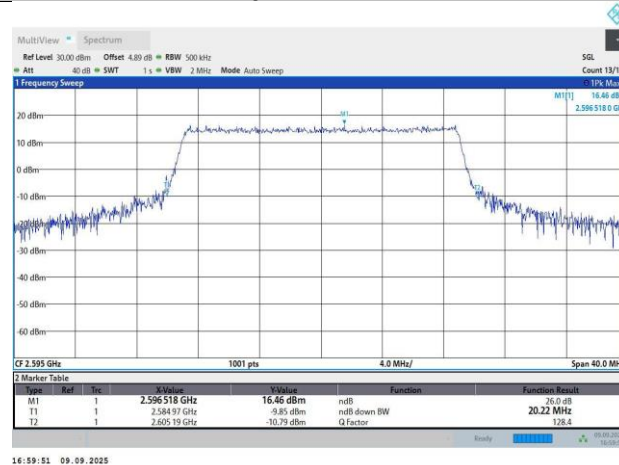
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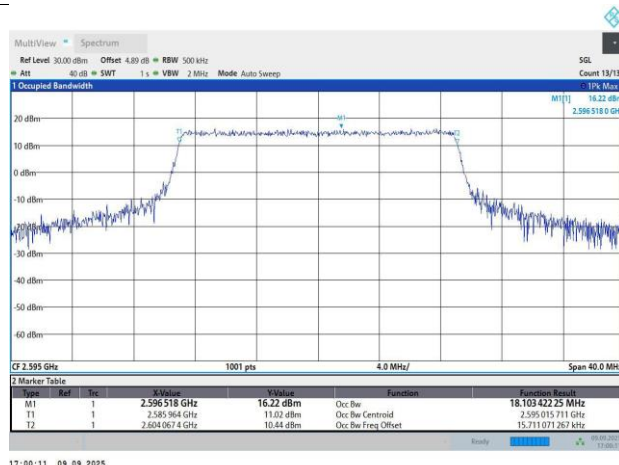
Band38-20MHz-64QAM-37850-100RB#0-18.1-20.46



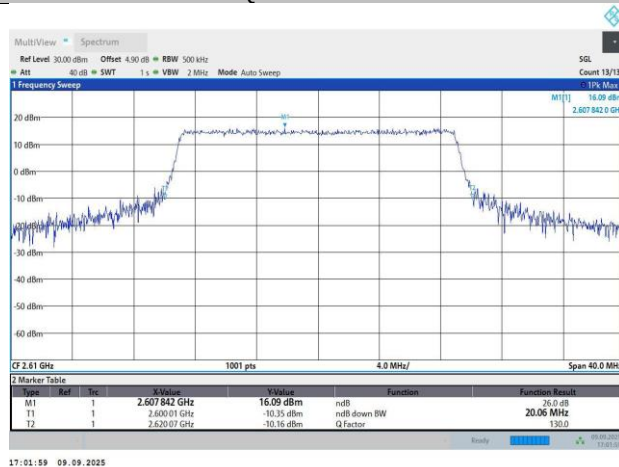
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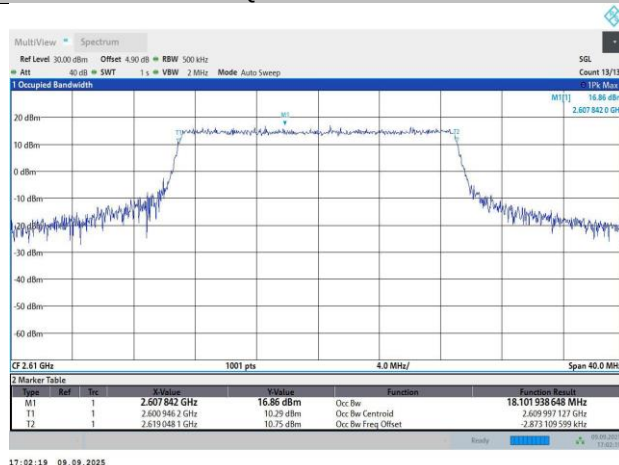
Band38-20MHz-64QAM-38000-100RB#0-18.1-20.22



Band38-20MHz-64QAM-38000-100RB#0-18.1-20.22



Band38-20MHz-64QAM-38150-100RB#0-18.1-20.06



Band38-20MHz-64QAM-38150-100RB#0-18.1-20.06

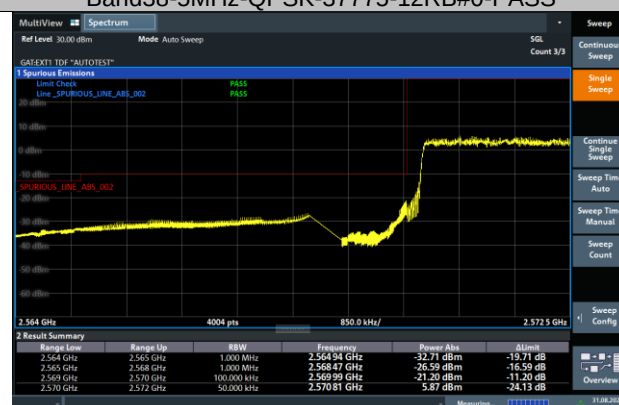
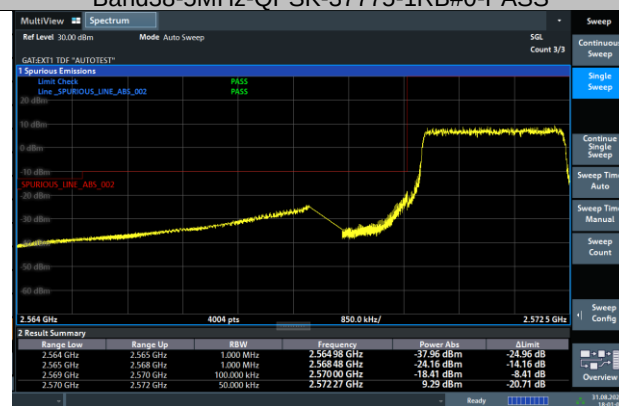
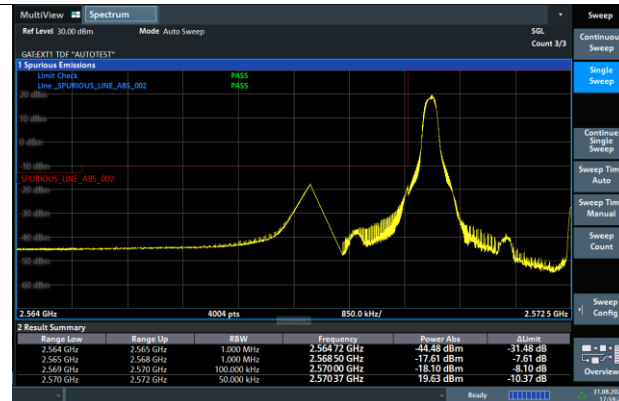
4 Appendix D: Band Edge

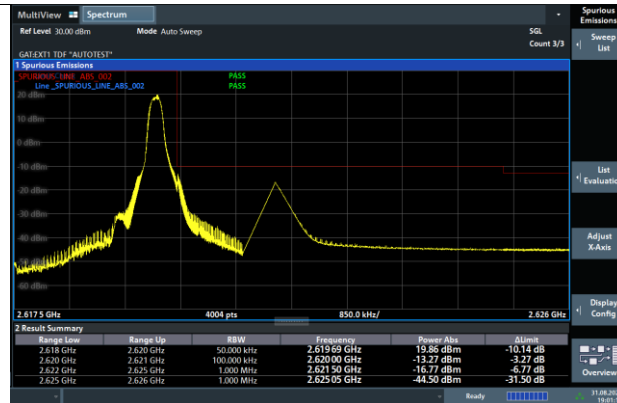
4.1 Test Result

Band	Channel bandwidth	Modulation	Channel	RB Configure	Result	Verdict
Band38	5MHz	QPSK	37775	1RB#0	See graph	PASS
Band38	5MHz	QPSK	37775	12RB#0	See graph	PASS
Band38	5MHz	QPSK	37775	25RB#0	See graph	PASS
Band38	5MHz	QPSK	38225	1RB#24	See graph	PASS
Band38	5MHz	QPSK	38225	12RB#13	See graph	PASS
Band38	5MHz	QPSK	38225	25RB#0	See graph	PASS
Band38	5MHz	16QAM	37775	1RB#0	See graph	PASS
Band38	5MHz	16QAM	37775	12RB#0	See graph	PASS
Band38	5MHz	16QAM	37775	25RB#0	See graph	PASS
Band38	5MHz	16QAM	38225	1RB#24	See graph	PASS
Band38	5MHz	16QAM	38225	12RB#13	See graph	PASS
Band38	5MHz	16QAM	38225	25RB#0	See graph	PASS
Band38	5MHz	64QAM	37775	1RB#0	See graph	PASS
Band38	5MHz	64QAM	37775	12RB#0	See graph	PASS
Band38	5MHz	64QAM	37775	25RB#0	See graph	PASS
Band38	5MHz	64QAM	38225	1RB#24	See graph	PASS
Band38	5MHz	64QAM	38225	12RB#13	See graph	PASS
Band38	5MHz	64QAM	38225	25RB#0	See graph	PASS
Band38	10MHz	QPSK	37800	1RB#0	See graph	PASS
Band38	10MHz	QPSK	37800	25RB#0	See graph	PASS
Band38	10MHz	QPSK	37800	50RB#0	See graph	PASS
Band38	10MHz	QPSK	38200	1RB#49	See graph	PASS
Band38	10MHz	QPSK	38200	25RB#25	See graph	PASS
Band38	10MHz	QPSK	38200	50RB#0	See graph	PASS
Band38	10MHz	16QAM	37800	1RB#0	See graph	PASS
Band38	10MHz	16QAM	37800	25RB#0	See graph	PASS
Band38	10MHz	16QAM	37800	50RB#0	See graph	PASS
Band38	10MHz	16QAM	38200	1RB#49	See graph	PASS
Band38	10MHz	16QAM	38200	25RB#25	See graph	PASS
Band38	10MHz	16QAM	38200	50RB#0	See graph	PASS
Band38	10MHz	64QAM	37800	1RB#0	See graph	PASS
Band38	10MHz	64QAM	37800	25RB#0	See graph	PASS
Band38	10MHz	64QAM	37800	50RB#0	See graph	PASS
Band38	10MHz	64QAM	38200	1RB#49	See graph	PASS
Band38	10MHz	64QAM	38200	25RB#25	See graph	PASS
Band38	10MHz	64QAM	38200	50RB#0	See graph	PASS
Band38	15MHz	QPSK	37825	1RB#0	See graph	PASS
Band38	15MHz	QPSK	37825	36RB#0	See graph	PASS
Band38	15MHz	QPSK	37825	75RB#0	See graph	PASS
Band38	15MHz	QPSK	38175	1RB#74	See graph	PASS
Band38	15MHz	QPSK	38175	36RB#39	See graph	PASS
Band38	15MHz	QPSK	38175	75RB#0	See graph	PASS
Band38	15MHz	16QAM	37825	1RB#0	See graph	PASS
Band38	15MHz	16QAM	37825	36RB#0	See graph	PASS
Band38	15MHz	16QAM	37825	75RB#0	See graph	PASS
Band38	15MHz	16QAM	38175	1RB#74	See graph	PASS
Band38	15MHz	16QAM	38175	36RB#39	See graph	PASS
Band38	15MHz	16QAM	38175	75RB#0	See graph	PASS
Band38	15MHz	64QAM	37825	1RB#0	See graph	PASS
Band38	15MHz	64QAM	37825	36RB#0	See graph	PASS
Band38	15MHz	64QAM	37825	75RB#0	See graph	PASS
Band38	15MHz	64QAM	38175	1RB#74	See graph	PASS
Band38	15MHz	64QAM	38175	36RB#39	See graph	PASS
Band38	15MHz	64QAM	38175	75RB#0	See graph	PASS
Band38	20MHz	QPSK	37850	1RB#0	See graph	PASS
Band38	20MHz	QPSK	37850	50RB#0	See graph	PASS
Band38	20MHz	QPSK	37850	100RB#0	See graph	PASS
Band38	20MHz	QPSK	38150	1RB#99	See graph	PASS
Band38	20MHz	QPSK	38150	50RB#50	See graph	PASS
Band38	20MHz	QPSK	38150	100RB#0	See graph	PASS
Band38	20MHz	16QAM	37850	1RB#0	See graph	PASS
Band38	20MHz	16QAM	37850	50RB#0	See graph	PASS
Band38	20MHz	16QAM	37850	100RB#0	See graph	PASS
Band38	20MHz	16QAM	38150	1RB#99	See graph	PASS

Band38	20MHz	16QAM	38150	50RB#50	See graph	PASS
Band38	20MHz	16QAM	38150	100RB#0	See graph	PASS
Band38	20MHz	64QAM	37850	1RB#0	See graph	PASS
Band38	20MHz	64QAM	37850	50RB#0	See graph	PASS
Band38	20MHz	64QAM	37850	100RB#0	See graph	PASS
Band38	20MHz	64QAM	38150	1RB#99	See graph	PASS
Band38	20MHz	64QAM	38150	50RB#50	See graph	PASS
Band38	20MHz	64QAM	38150	100RB#0	See graph	PASS

4.2 Test Plots





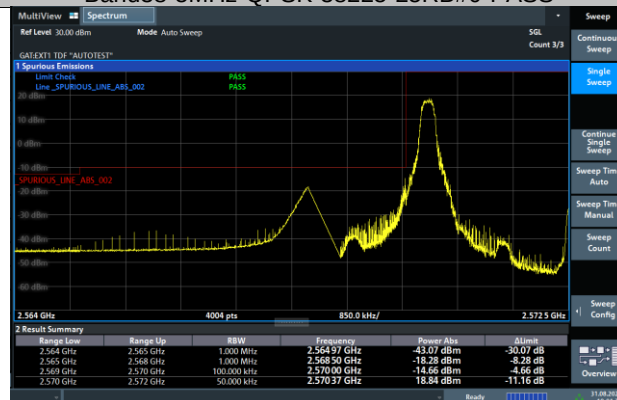
Band38-5MHz-QPSK-38225-1RB#24-PASS



Band38-5MHz-QPSK-38225-12RB#13-PASS



Band38-5MHz-QPSK-38225-25RB#0-PASS



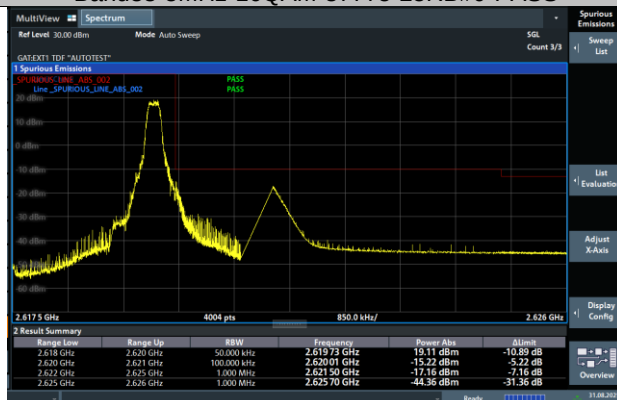
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Band38-5MHz-16QAM-37775-12RB#0-PASS



Band38-5MHz-16QAM-37775-25RB#0-PASS



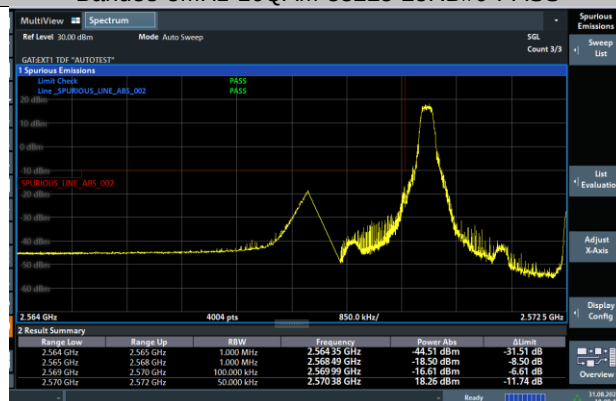
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Band38-5MHz-16QAM-38225-12RB#13-PASS



Band38-5MHz-16QAM-38225-25RB#0-PASS



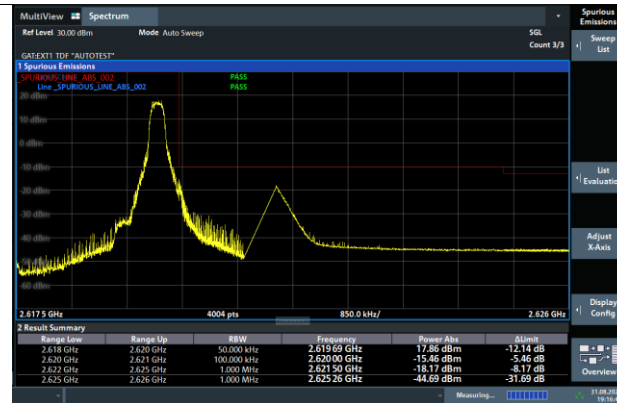
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Band38-5MHz-64QAM-37775-12RB#0-PASS



Band38-5MHz-64QAM-37775-25RB#0-PASS



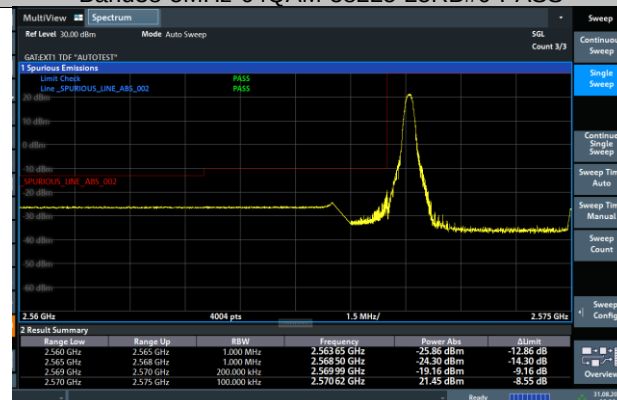
Band38-5MHz-64QAM-38225-1RB#24-PASS



Band38-5MHz-64QAM-38225-12RB#13-PASS



Band38-5MHz-64QAM-38225-25RB#0-PASS



Band38-10MHz-QPSK-37800-1RB#0-PASS