



# Appendix B

## E-UTRA Band 38



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# 1 Effective (Isotropic) Radiated Power

## 1.1. Test Result

ANT1:

Band	Bandwidth	Modulation	Channel	RB Config.	Result (dBm)	EIRP (dBm)	Limit (dBm)	Verdict
Band38	5MHz	QPSK	37775	1RB#0	22.35	23.05	33.00	PASS
Band38	5MHz	QPSK	37775	1RB#12	22.67	23.37	33.00	PASS
Band38	5MHz	QPSK	37775	1RB#24	22.42	23.12	33.00	PASS
Band38	5MHz	QPSK	37775	12RB#0	21.50	22.20	33.00	PASS
Band38	5MHz	QPSK	37775	12RB#6	21.49	22.19	33.00	PASS
Band38	5MHz	QPSK	37775	12RB#13	21.37	22.07	33.00	PASS
Band38	5MHz	QPSK	37775	25RB#0	21.51	22.21	33.00	PASS
Band38	5MHz	QPSK	38000	1RB#0	22.40	23.10	33.00	PASS
Band38	5MHz	QPSK	38000	1RB#12	22.59	23.29	33.00	PASS
Band38	5MHz	QPSK	38000	1RB#24	22.32	23.02	33.00	PASS
Band38	5MHz	QPSK	38000	12RB#0	21.44	22.14	33.00	PASS
Band38	5MHz	QPSK	38000	12RB#6	21.54	22.24	33.00	PASS
Band38	5MHz	QPSK	38000	12RB#13	21.31	22.01	33.00	PASS
Band38	5MHz	QPSK	38000	25RB#0	21.46	22.16	33.00	PASS
Band38	5MHz	QPSK	38225	1RB#0	22.49	23.19	33.00	PASS
Band38	5MHz	QPSK	38225	1RB#12	22.65	23.35	33.00	PASS
Band38	5MHz	QPSK	38225	1RB#24	22.36	23.06	33.00	PASS
Band38	5MHz	QPSK	38225	12RB#0	21.36	22.06	33.00	PASS
Band38	5MHz	QPSK	38225	12RB#6	21.54	22.24	33.00	PASS
Band38	5MHz	QPSK	38225	12RB#13	21.24	21.94	33.00	PASS
Band38	5MHz	QPSK	38225	25RB#0	21.39	22.09	33.00	PASS
Band38	5MHz	16QAM	37775	1RB#0	21.44	22.14	33.00	PASS
Band38	5MHz	16QAM	37775	1RB#12	21.70	22.40	33.00	PASS
Band38	5MHz	16QAM	37775	1RB#24	21.39	22.09	33.00	PASS
Band38	5MHz	16QAM	37775	12RB#0	20.60	21.30	33.00	PASS
Band38	5MHz	16QAM	37775	12RB#6	20.57	21.27	33.00	PASS
Band38	5MHz	16QAM	37775	12RB#13	20.53	21.23	33.00	PASS
Band38	5MHz	16QAM	37775	25RB#0	20.52	21.22	33.00	PASS
Band38	5MHz	16QAM	38000	1RB#0	21.34	22.04	33.00	PASS
Band38	5MHz	16QAM	38000	1RB#12	21.69	22.39	33.00	PASS
Band38	5MHz	16QAM	38000	1RB#24	21.41	22.11	33.00	PASS



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Band38	5MHz	16QAM	38000	12RB#0	20.54	21.24	33.00	PASS
Band38	5MHz	16QAM	38000	12RB#6	20.54	21.24	33.00	PASS
Band38	5MHz	16QAM	38000	12RB#13	20.51	21.21	33.00	PASS
Band38	5MHz	16QAM	38000	25RB#0	20.58	21.28	33.00	PASS
Band38	5MHz	16QAM	38225	1RB#0	21.32	22.02	33.00	PASS
Band38	5MHz	16QAM	38225	1RB#12	21.78	22.48	33.00	PASS
Band38	5MHz	16QAM	38225	1RB#24	21.34	22.04	33.00	PASS
Band38	5MHz	16QAM	38225	12RB#0	20.57	21.27	33.00	PASS
Band38	5MHz	16QAM	38225	12RB#6	20.57	21.27	33.00	PASS
Band38	5MHz	16QAM	38225	12RB#13	20.61	21.31	33.00	PASS
Band38	5MHz	16QAM	38225	25RB#0	20.66	21.36	33.00	PASS
Band38	10MHz	QPSK	37800	1RB#0	22.39	23.09	33.00	PASS
Band38	10MHz	QPSK	37800	1RB#24	22.56	23.26	33.00	PASS
Band38	10MHz	QPSK	37800	1RB#49	22.33	23.03	33.00	PASS
Band38	10MHz	QPSK	37800	25RB#0	21.45	22.15	33.00	PASS
Band38	10MHz	QPSK	37800	25RB#12	21.46	22.16	33.00	PASS
Band38	10MHz	QPSK	37800	25RB#25	21.37	22.07	33.00	PASS
Band38	10MHz	QPSK	37800	50RB#0	21.44	22.14	33.00	PASS
Band38	10MHz	QPSK	38000	1RB#0	22.44	23.14	33.00	PASS
Band38	10MHz	QPSK	38000	1RB#24	22.54	23.24	33.00	PASS
Band38	10MHz	QPSK	38000	1RB#49	22.40	23.10	33.00	PASS
Band38	10MHz	QPSK	38000	25RB#0	21.37	22.07	33.00	PASS
Band38	10MHz	QPSK	38000	25RB#12	21.41	22.11	33.00	PASS
Band38	10MHz	QPSK	38000	25RB#25	21.43	22.13	33.00	PASS
Band38	10MHz	QPSK	38000	50RB#0	21.39	22.09	33.00	PASS
Band38	10MHz	QPSK	38200	1RB#0	22.44	23.14	33.00	PASS
Band38	10MHz	QPSK	38200	1RB#24	22.57	23.27	33.00	PASS
Band38	10MHz	QPSK	38200	1RB#49	22.46	23.16	33.00	PASS
Band38	10MHz	QPSK	38200	25RB#0	21.31	22.01	33.00	PASS
Band38	10MHz	QPSK	38200	25RB#12	21.36	22.06	33.00	PASS
Band38	10MHz	QPSK	38200	25RB#25	21.44	22.14	33.00	PASS
Band38	10MHz	QPSK	38200	50RB#0	21.41	22.11	33.00	PASS
Band38	10MHz	16QAM	37800	1RB#0	21.41	22.11	33.00	PASS
Band38	10MHz	16QAM	37800	1RB#24	21.77	22.47	33.00	PASS
Band38	10MHz	16QAM	37800	1RB#49	21.51	22.21	33.00	PASS
Band38	10MHz	16QAM	37800	25RB#0	20.65	21.35	33.00	PASS
Band38	10MHz	16QAM	37800	25RB#12	20.57	21.27	33.00	PASS
Band38	10MHz	16QAM	37800	25RB#25	20.58	21.28	33.00	PASS



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Band38	10MHz	16QAM	37800	50RB#0	20.46	21.16	33.00	PASS
Band38	10MHz	16QAM	38000	1RB#0	21.34	22.04	33.00	PASS
Band38	10MHz	16QAM	38000	1RB#24	21.80	22.50	33.00	PASS
Band38	10MHz	16QAM	38000	1RB#49	21.49	22.19	33.00	PASS
Band38	10MHz	16QAM	38000	25RB#0	20.66	21.36	33.00	PASS
Band38	10MHz	16QAM	38000	25RB#12	20.57	21.27	33.00	PASS
Band38	10MHz	16QAM	38000	25RB#25	20.49	21.19	33.00	PASS
Band38	10MHz	16QAM	38000	50RB#0	20.38	21.08	33.00	PASS
Band38	10MHz	16QAM	38200	1RB#0	21.35	22.05	33.00	PASS
Band38	10MHz	16QAM	38200	1RB#24	21.85	22.55	33.00	PASS
Band38	10MHz	16QAM	38200	1RB#49	21.59	22.29	33.00	PASS
Band38	10MHz	16QAM	38200	25RB#0	20.67	21.37	33.00	PASS
Band38	10MHz	16QAM	38200	25RB#12	20.63	21.33	33.00	PASS
Band38	10MHz	16QAM	38200	25RB#25	20.44	21.14	33.00	PASS
Band38	10MHz	16QAM	38200	50RB#0	20.47	21.17	33.00	PASS
Band38	15MHz	QPSK	37825	1RB#0	22.30	23.00	33.00	PASS
Band38	15MHz	QPSK	37825	1RB#38	22.69	23.39	33.00	PASS
Band38	15MHz	QPSK	37825	1RB#74	22.48	23.18	33.00	PASS
Band38	15MHz	QPSK	37825	38RB#0	21.39	22.09	33.00	PASS
Band38	15MHz	QPSK	37825	38RB#18	21.52	22.22	33.00	PASS
Band38	15MHz	QPSK	37825	38RB#37	21.37	22.07	33.00	PASS
Band38	15MHz	QPSK	37825	75RB#0	21.54	22.24	33.00	PASS
Band38	15MHz	QPSK	38000	1RB#0	22.39	23.09	33.00	PASS
Band38	15MHz	QPSK	38000	1RB#38	22.69	23.39	33.00	PASS
Band38	15MHz	QPSK	38000	1RB#74	22.48	23.18	33.00	PASS
Band38	15MHz	QPSK	38000	38RB#0	21.34	22.04	33.00	PASS
Band38	15MHz	QPSK	38000	38RB#18	21.42	22.12	33.00	PASS
Band38	15MHz	QPSK	38000	38RB#37	21.44	22.14	33.00	PASS
Band38	15MHz	QPSK	38000	75RB#0	21.57	22.27	33.00	PASS
Band38	15MHz	QPSK	38175	1RB#0	22.43	23.13	33.00	PASS
Band38	15MHz	QPSK	38175	1RB#38	22.70	23.40	33.00	PASS
Band38	15MHz	QPSK	38175	1RB#74	22.58	23.28	33.00	PASS
Band38	15MHz	QPSK	38175	38RB#0	21.31	22.01	33.00	PASS
Band38	15MHz	QPSK	38175	38RB#18	21.42	22.12	33.00	PASS
Band38	15MHz	QPSK	38175	38RB#37	21.47	22.17	33.00	PASS
Band38	15MHz	QPSK	38175	75RB#0	21.47	22.17	33.00	PASS
Band38	15MHz	16QAM	37825	1RB#0	21.37	22.07	33.00	PASS
Band38	15MHz	16QAM	37825	1RB#38	21.63	22.33	33.00	PASS



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Band38	15MHz	16QAM	37825	1RB#74	21.47	22.17	33.00	PASS
Band38	15MHz	16QAM	37825	38RB#0	20.52	21.22	33.00	PASS
Band38	15MHz	16QAM	37825	38RB#18	20.68	21.38	33.00	PASS
Band38	15MHz	16QAM	37825	38RB#37	20.61	21.31	33.00	PASS
Band38	15MHz	16QAM	37825	75RB#0	20.62	21.32	33.00	PASS
Band38	15MHz	16QAM	38000	1RB#0	21.31	22.01	33.00	PASS
Band38	15MHz	16QAM	38000	1RB#38	21.62	22.32	33.00	PASS
Band38	15MHz	16QAM	38000	1RB#74	21.43	22.13	33.00	PASS
Band38	15MHz	16QAM	38000	38RB#0	20.56	21.26	33.00	PASS
Band38	15MHz	16QAM	38000	38RB#18	20.76	21.46	33.00	PASS
Band38	15MHz	16QAM	38000	38RB#37	20.63	21.33	33.00	PASS
Band38	15MHz	16QAM	38000	75RB#0	20.56	21.26	33.00	PASS
Band38	15MHz	16QAM	38175	1RB#0	21.31	22.01	33.00	PASS
Band38	15MHz	16QAM	38175	1RB#38	21.65	22.35	33.00	PASS
Band38	15MHz	16QAM	38175	1RB#74	21.48	22.18	33.00	PASS
Band38	15MHz	16QAM	38175	38RB#0	20.57	21.27	33.00	PASS
Band38	15MHz	16QAM	38175	38RB#18	20.74	21.44	33.00	PASS
Band38	15MHz	16QAM	38175	38RB#37	20.60	21.30	33.00	PASS
Band38	15MHz	16QAM	38175	75RB#0	20.54	21.24	33.00	PASS
Band38	20MHz	QPSK	37850	1RB#0	22.16	22.86	33.00	PASS
Band38	20MHz	QPSK	37850	1RB#49	22.42	23.12	33.00	PASS
Band38	20MHz	QPSK	37850	1RB#99	22.27	22.97	33.00	PASS
Band38	20MHz	QPSK	37850	50RB#0	21.32	22.02	33.00	PASS
Band38	20MHz	QPSK	37850	50RB#25	21.26	21.96	33.00	PASS
Band38	20MHz	QPSK	37850	50RB#50	21.26	21.96	33.00	PASS
Band38	20MHz	QPSK	37850	100RB#0	21.28	21.98	33.00	PASS
Band38	20MHz	QPSK	38000	1RB#0	22.22	22.92	33.00	PASS
Band38	20MHz	QPSK	38000	1RB#49	22.48	23.18	33.00	PASS
Band38	20MHz	QPSK	38000	1RB#99	22.32	23.02	33.00	PASS
Band38	20MHz	QPSK	38000	50RB#0	21.31	22.01	33.00	PASS
Band38	20MHz	QPSK	38000	50RB#25	21.41	22.11	33.00	PASS
Band38	20MHz	QPSK	38000	50RB#50	21.36	22.06	33.00	PASS
Band38	20MHz	QPSK	38000	100RB#0	21.38	22.08	33.00	PASS
Band38	20MHz	QPSK	38150	1RB#0	22.30	23.00	33.00	PASS
Band38	20MHz	QPSK	38150	1RB#49	22.66	23.36	33.00	PASS
Band38	20MHz	QPSK	38150	1RB#99	22.40	23.10	33.00	PASS
Band38	20MHz	QPSK	38150	50RB#0	21.49	22.19	33.00	PASS
Band38	20MHz	QPSK	38150	50RB#25	21.48	22.18	33.00	PASS



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Band38	20MHz	QPSK	38150	50RB#50	21.45	22.15	33.00	PASS
Band38	20MHz	QPSK	38150	100RB#0	21.54	22.24	33.00	PASS
Band38	20MHz	16QAM	37850	1RB#0	21.27	21.97	33.00	PASS
Band38	20MHz	16QAM	37850	1RB#49	21.52	22.22	33.00	PASS
Band38	20MHz	16QAM	37850	1RB#99	21.39	22.09	33.00	PASS
Band38	20MHz	16QAM	37850	50RB#0	20.36	21.06	33.00	PASS
Band38	20MHz	16QAM	37850	50RB#25	20.40	21.10	33.00	PASS
Band38	20MHz	16QAM	37850	50RB#50	20.39	21.09	33.00	PASS
Band38	20MHz	16QAM	37850	100RB#0	20.31	21.01	33.00	PASS
Band38	20MHz	16QAM	38000	1RB#0	21.33	22.03	33.00	PASS
Band38	20MHz	16QAM	38000	1RB#49	21.61	22.31	33.00	PASS
Band38	20MHz	16QAM	38000	1RB#99	21.42	22.12	33.00	PASS
Band38	20MHz	16QAM	38000	50RB#0	20.44	21.14	33.00	PASS
Band38	20MHz	16QAM	38000	50RB#25	20.52	21.22	33.00	PASS
Band38	20MHz	16QAM	38000	50RB#50	20.45	21.15	33.00	PASS
Band38	20MHz	16QAM	38000	100RB#0	20.43	21.13	33.00	PASS
Band38	20MHz	16QAM	38150	1RB#0	21.38	22.08	33.00	PASS
Band38	20MHz	16QAM	38150	1RB#49	21.72	22.42	33.00	PASS
Band38	20MHz	16QAM	38150	1RB#99	21.49	22.19	33.00	PASS
Band38	20MHz	16QAM	38150	50RB#0	20.57	21.27	33.00	PASS
Band38	20MHz	16QAM	38150	50RB#25	20.61	21.31	33.00	PASS
Band38	20MHz	16QAM	38150	50RB#50	20.54	21.24	33.00	PASS
Band38	20MHz	16QAM	38150	100RB#0	20.54	21.24	33.00	PASS



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ANT2:

Band	Bandwidth	Modulation	Channel	RB Config.	Result (dBm)	EIRP (dBm)	Limit (dBm)	Verdict
Band38	5MHz	QPSK	37775	1RB#0	23.53	24.53	33.00	PASS
Band38	5MHz	QPSK	37775	1RB#12	23.48	24.48	33.00	PASS
Band38	5MHz	QPSK	37775	1RB#24	23.28	24.28	33.00	PASS
Band38	5MHz	QPSK	37775	12RB#0	22.21	23.21	33.00	PASS
Band38	5MHz	QPSK	37775	12RB#6	22.30	23.30	33.00	PASS
Band38	5MHz	QPSK	37775	12RB#13	22.20	23.20	33.00	PASS
Band38	5MHz	QPSK	37775	25RB#0	22.25	23.25	33.00	PASS
Band38	5MHz	QPSK	38000	1RB#0	23.28	24.28	33.00	PASS
Band38	5MHz	QPSK	38000	1RB#12	23.51	24.51	33.00	PASS
Band38	5MHz	QPSK	38000	1RB#24	23.18	24.18	33.00	PASS
Band38	5MHz	QPSK	38000	12RB#0	22.34	23.34	33.00	PASS
Band38	5MHz	QPSK	38000	12RB#6	22.34	23.34	33.00	PASS
Band38	5MHz	QPSK	38000	12RB#13	22.20	23.20	33.00	PASS
Band38	5MHz	QPSK	38000	25RB#0	22.30	23.30	33.00	PASS
Band38	5MHz	QPSK	38225	1RB#0	23.46	24.46	33.00	PASS
Band38	5MHz	QPSK	38225	1RB#12	23.51	24.51	33.00	PASS
Band38	5MHz	QPSK	38225	1RB#24	23.33	24.33	33.00	PASS
Band38	5MHz	QPSK	38225	12RB#0	22.27	23.27	33.00	PASS
Band38	5MHz	QPSK	38225	12RB#6	22.34	23.34	33.00	PASS
Band38	5MHz	QPSK	38225	12RB#13	22.22	23.22	33.00	PASS
Band38	5MHz	QPSK	38225	25RB#0	22.13	23.13	33.00	PASS
Band38	5MHz	16QAM	37775	1RB#0	22.47	23.47	33.00	PASS
Band38	5MHz	16QAM	37775	1RB#12	22.29	23.29	33.00	PASS
Band38	5MHz	16QAM	37775	1RB#24	22.20	23.20	33.00	PASS
Band38	5MHz	16QAM	37775	12RB#0	21.17	22.17	33.00	PASS
Band38	5MHz	16QAM	37775	12RB#6	21.15	22.15	33.00	PASS
Band38	5MHz	16QAM	37775	12RB#13	21.14	22.14	33.00	PASS
Band38	5MHz	16QAM	37775	25RB#0	21.17	22.17	33.00	PASS
Band38	5MHz	16QAM	38000	1RB#0	22.15	23.15	33.00	PASS
Band38	5MHz	16QAM	38000	1RB#12	22.47	23.47	33.00	PASS
Band38	5MHz	16QAM	38000	1RB#24	22.32	23.32	33.00	PASS
Band38	5MHz	16QAM	38000	12RB#0	21.19	22.19	33.00	PASS
Band38	5MHz	16QAM	38000	12RB#6	21.35	22.35	33.00	PASS
Band38	5MHz	16QAM	38000	12RB#13	21.25	22.25	33.00	PASS
Band38	5MHz	16QAM	38000	25RB#0	21.34	22.34	33.00	PASS



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Band38	5MHz	16QAM	38225	1RB#0	22.65	23.65	33.00	PASS
Band38	5MHz	16QAM	38225	1RB#12	22.58	23.58	33.00	PASS
Band38	5MHz	16QAM	38225	1RB#24	22.17	23.17	33.00	PASS
Band38	5MHz	16QAM	38225	12RB#0	21.32	22.32	33.00	PASS
Band38	5MHz	16QAM	38225	12RB#6	21.37	22.37	33.00	PASS
Band38	5MHz	16QAM	38225	12RB#13	21.35	22.35	33.00	PASS
Band38	5MHz	16QAM	38225	25RB#0	21.20	22.20	33.00	PASS
Band38	10MHz	QPSK	37800	1RB#0	23.51	24.51	33.00	PASS
Band38	10MHz	QPSK	37800	1RB#24	23.51	24.51	33.00	PASS
Band38	10MHz	QPSK	37800	1RB#49	23.29	24.29	33.00	PASS
Band38	10MHz	QPSK	37800	25RB#0	22.21	23.21	33.00	PASS
Band38	10MHz	QPSK	37800	25RB#12	22.16	23.16	33.00	PASS
Band38	10MHz	QPSK	37800	25RB#25	22.30	23.30	33.00	PASS
Band38	10MHz	QPSK	37800	50RB#0	22.32	23.32	33.00	PASS
Band38	10MHz	QPSK	38000	1RB#0	23.40	24.40	33.00	PASS
Band38	10MHz	QPSK	38000	1RB#24	23.48	24.48	33.00	PASS
Band38	10MHz	QPSK	38000	1RB#49	23.35	24.35	33.00	PASS
Band38	10MHz	QPSK	38000	25RB#0	22.18	23.18	33.00	PASS
Band38	10MHz	QPSK	38000	25RB#12	22.39	23.39	33.00	PASS
Band38	10MHz	QPSK	38000	25RB#25	22.20	23.20	33.00	PASS
Band38	10MHz	QPSK	38000	50RB#0	22.22	23.22	33.00	PASS
Band38	10MHz	QPSK	38200	1RB#0	23.48	24.48	33.00	PASS
Band38	10MHz	QPSK	38200	1RB#24	23.39	24.39	33.00	PASS
Band38	10MHz	QPSK	38200	1RB#49	23.37	24.37	33.00	PASS
Band38	10MHz	QPSK	38200	25RB#0	22.15	23.15	33.00	PASS
Band38	10MHz	QPSK	38200	25RB#12	22.16	23.16	33.00	PASS
Band38	10MHz	QPSK	38200	25RB#25	22.19	23.19	33.00	PASS
Band38	10MHz	QPSK	38200	50RB#0	22.29	23.29	33.00	PASS
Band38	10MHz	16QAM	37800	1RB#0	22.55	23.55	33.00	PASS
Band38	10MHz	16QAM	37800	1RB#24	22.35	23.35	33.00	PASS
Band38	10MHz	16QAM	37800	1RB#49	22.17	23.17	33.00	PASS
Band38	10MHz	16QAM	37800	25RB#0	21.10	22.10	33.00	PASS
Band38	10MHz	16QAM	37800	25RB#12	21.29	22.29	33.00	PASS
Band38	10MHz	16QAM	37800	25RB#25	21.07	22.07	33.00	PASS
Band38	10MHz	16QAM	37800	50RB#0	21.05	22.05	33.00	PASS
Band38	10MHz	16QAM	38000	1RB#0	22.08	23.08	33.00	PASS
Band38	10MHz	16QAM	38000	1RB#24	22.53	23.53	33.00	PASS
Band38	10MHz	16QAM	38000	1RB#49	22.25	23.25	33.00	PASS



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Band38	10MHz	16QAM	38000	25RB#0	21.17	22.17	33.00	PASS
Band38	10MHz	16QAM	38000	25RB#12	21.32	22.32	33.00	PASS
Band38	10MHz	16QAM	38000	25RB#25	21.19	22.19	33.00	PASS
Band38	10MHz	16QAM	38000	50RB#0	21.28	22.28	33.00	PASS
Band38	10MHz	16QAM	38200	1RB#0	22.65	23.65	33.00	PASS
Band38	10MHz	16QAM	38200	1RB#24	22.44	23.44	33.00	PASS
Band38	10MHz	16QAM	38200	1RB#49	22.18	23.18	33.00	PASS
Band38	10MHz	16QAM	38200	25RB#0	21.27	22.27	33.00	PASS
Band38	10MHz	16QAM	38200	25RB#12	21.32	22.32	33.00	PASS
Band38	10MHz	16QAM	38200	25RB#25	21.25	22.25	33.00	PASS
Band38	10MHz	16QAM	38200	50RB#0	21.22	22.22	33.00	PASS
Band38	15MHz	QPSK	37825	1RB#0	23.47	24.47	33.00	PASS
Band38	15MHz	QPSK	37825	1RB#38	23.42	24.42	33.00	PASS
Band38	15MHz	QPSK	37825	1RB#74	23.29	24.29	33.00	PASS
Band38	15MHz	QPSK	37825	38RB#0	22.22	23.22	33.00	PASS
Band38	15MHz	QPSK	37825	38RB#18	22.26	23.26	33.00	PASS
Band38	15MHz	QPSK	37825	38RB#37	22.25	23.25	33.00	PASS
Band38	15MHz	QPSK	37825	75RB#0	22.28	23.28	33.00	PASS
Band38	15MHz	QPSK	38000	1RB#0	23.31	24.31	33.00	PASS
Band38	15MHz	QPSK	38000	1RB#38	23.48	24.48	33.00	PASS
Band38	15MHz	QPSK	38000	1RB#74	23.28	24.28	33.00	PASS
Band38	15MHz	QPSK	38000	38RB#0	22.26	23.26	33.00	PASS
Band38	15MHz	QPSK	38000	38RB#18	22.40	23.40	33.00	PASS
Band38	15MHz	QPSK	38000	38RB#37	22.24	23.24	33.00	PASS
Band38	15MHz	QPSK	38000	75RB#0	22.25	23.25	33.00	PASS
Band38	15MHz	QPSK	38175	1RB#0	23.42	24.42	33.00	PASS
Band38	15MHz	QPSK	38175	1RB#38	23.44	24.44	33.00	PASS
Band38	15MHz	QPSK	38175	1RB#74	23.27	24.27	33.00	PASS
Band38	15MHz	QPSK	38175	38RB#0	22.22	23.22	33.00	PASS
Band38	15MHz	QPSK	38175	38RB#18	22.24	23.24	33.00	PASS
Band38	15MHz	QPSK	38175	38RB#37	22.23	23.23	33.00	PASS
Band38	15MHz	QPSK	38175	75RB#0	22.22	23.22	33.00	PASS
Band38	15MHz	16QAM	37825	1RB#0	22.49	23.49	33.00	PASS
Band38	15MHz	16QAM	37825	1RB#38	22.33	23.33	33.00	PASS
Band38	15MHz	16QAM	37825	1RB#74	22.25	23.25	33.00	PASS
Band38	15MHz	16QAM	37825	38RB#0	21.07	22.07	33.00	PASS
Band38	15MHz	16QAM	37825	38RB#18	21.25	22.25	33.00	PASS
Band38	15MHz	16QAM	37825	38RB#37	21.11	22.11	33.00	PASS



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Band38	15MHz	16QAM	37825	75RB#0	21.13	22.13	33.00	PASS
Band38	15MHz	16QAM	38000	1RB#0	22.17	23.17	33.00	PASS
Band38	15MHz	16QAM	38000	1RB#38	22.47	23.47	33.00	PASS
Band38	15MHz	16QAM	38000	1RB#74	22.24	23.24	33.00	PASS
Band38	15MHz	16QAM	38000	38RB#0	21.18	22.18	33.00	PASS
Band38	15MHz	16QAM	38000	38RB#18	21.35	22.35	33.00	PASS
Band38	15MHz	16QAM	38000	38RB#37	21.27	22.27	33.00	PASS
Band38	15MHz	16QAM	38000	75RB#0	21.31	22.31	33.00	PASS
Band38	15MHz	16QAM	38175	1RB#0	22.69	23.69	33.00	PASS
Band38	15MHz	16QAM	38175	1RB#38	22.50	23.50	33.00	PASS
Band38	15MHz	16QAM	38175	1RB#74	22.23	23.23	33.00	PASS
Band38	15MHz	16QAM	38175	38RB#0	21.25	22.25	33.00	PASS
Band38	15MHz	16QAM	38175	38RB#18	21.32	22.32	33.00	PASS
Band38	15MHz	16QAM	38175	38RB#37	21.35	22.35	33.00	PASS
Band38	15MHz	16QAM	38175	75RB#0	21.22	22.22	33.00	PASS
Band38	20MHz	QPSK	37850	1RB#0	23.45	24.45	33.00	PASS
Band38	20MHz	QPSK	37850	1RB#49	23.32	24.32	33.00	PASS
Band38	20MHz	QPSK	37850	1RB#99	23.22	24.22	33.00	PASS
Band38	20MHz	QPSK	37850	50RB#0	22.12	23.12	33.00	PASS
Band38	20MHz	QPSK	37850	50RB#25	22.17	23.17	33.00	PASS
Band38	20MHz	QPSK	37850	50RB#50	22.19	23.19	33.00	PASS
Band38	20MHz	QPSK	37850	100RB#0	22.30	23.30	33.00	PASS
Band38	20MHz	QPSK	38000	1RB#0	23.26	24.26	33.00	PASS
Band38	20MHz	QPSK	38000	1RB#49	23.55	24.55	33.00	PASS
Band38	20MHz	QPSK	38000	1RB#99	23.38	24.38	33.00	PASS
Band38	20MHz	QPSK	38000	50RB#0	22.35	23.35	33.00	PASS
Band38	20MHz	QPSK	38000	50RB#25	22.42	23.42	33.00	PASS
Band38	20MHz	QPSK	38000	50RB#50	22.14	23.14	33.00	PASS
Band38	20MHz	QPSK	38000	100RB#0	22.19	23.19	33.00	PASS
Band38	20MHz	QPSK	38150	1RB#0	23.32	24.32	33.00	PASS
Band38	20MHz	QPSK	38150	1RB#49	23.41	24.41	33.00	PASS
Band38	20MHz	QPSK	38150	1RB#99	23.30	24.30	33.00	PASS
Band38	20MHz	QPSK	38150	50RB#0	22.18	23.18	33.00	PASS
Band38	20MHz	QPSK	38150	50RB#25	22.14	23.14	33.00	PASS
Band38	20MHz	QPSK	38150	50RB#50	22.21	23.21	33.00	PASS
Band38	20MHz	QPSK	38150	100RB#0	22.12	23.12	33.00	PASS
Band38	20MHz	16QAM	37850	1RB#0	22.53	23.53	33.00	PASS
Band38	20MHz	16QAM	37850	1RB#49	22.40	23.40	33.00	PASS



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Band38	20MHz	16QAM	37850	1RB#99	22.27	23.27	33.00	PASS
Band38	20MHz	16QAM	37850	50RB#0	20.98	21.98	33.00	PASS
Band38	20MHz	16QAM	37850	50RB#25	21.30	22.30	33.00	PASS
Band38	20MHz	16QAM	37850	50RB#50	21.11	22.11	33.00	PASS
Band38	20MHz	16QAM	37850	100RB#0	21.09	22.09	33.00	PASS
Band38	20MHz	16QAM	38000	1RB#0	22.07	23.07	33.00	PASS
Band38	20MHz	16QAM	38000	1RB#49	22.40	23.40	33.00	PASS
Band38	20MHz	16QAM	38000	1RB#99	22.23	23.23	33.00	PASS
Band38	20MHz	16QAM	38000	50RB#0	21.22	22.22	33.00	PASS
Band38	20MHz	16QAM	38000	50RB#25	21.27	22.27	33.00	PASS
Band38	20MHz	16QAM	38000	50RB#50	21.27	22.27	33.00	PASS
Band38	20MHz	16QAM	38000	100RB#0	21.41	22.41	33.00	PASS
Band38	20MHz	16QAM	38150	1RB#0	22.74	23.74	33.00	PASS
Band38	20MHz	16QAM	38150	1RB#49	22.55	23.55	33.00	PASS
Band38	20MHz	16QAM	38150	1RB#99	22.16	23.16	33.00	PASS
Band38	20MHz	16QAM	38150	50RB#0	21.23	22.23	33.00	PASS
Band38	20MHz	16QAM	38150	50RB#25	21.34	22.34	33.00	PASS
Band38	20MHz	16QAM	38150	50RB#50	21.38	22.38	33.00	PASS
Band38	20MHz	16QAM	38150	100RB#0	21.29	22.29	33.00	PASS

Remark:

a: For getting the EIRP (Efficient Isotropic Radiated Power), the following formula should be taken to calculate it,

$$ERP [dBm] = \text{Conducted Power [dBm]} + \text{Gain [dBd]}$$

$$EIRP [dBm] = \text{Conducted Power [dBm]} + \text{Gain [dBi]}$$

The conducted Power is measured by Base Station Simulator



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 中国·深圳·科技园中区M-10栋一号厂房 邮编: 518057 t (86-755) 26012053 f (86-755) 26710594 sgs.china@sgs.com

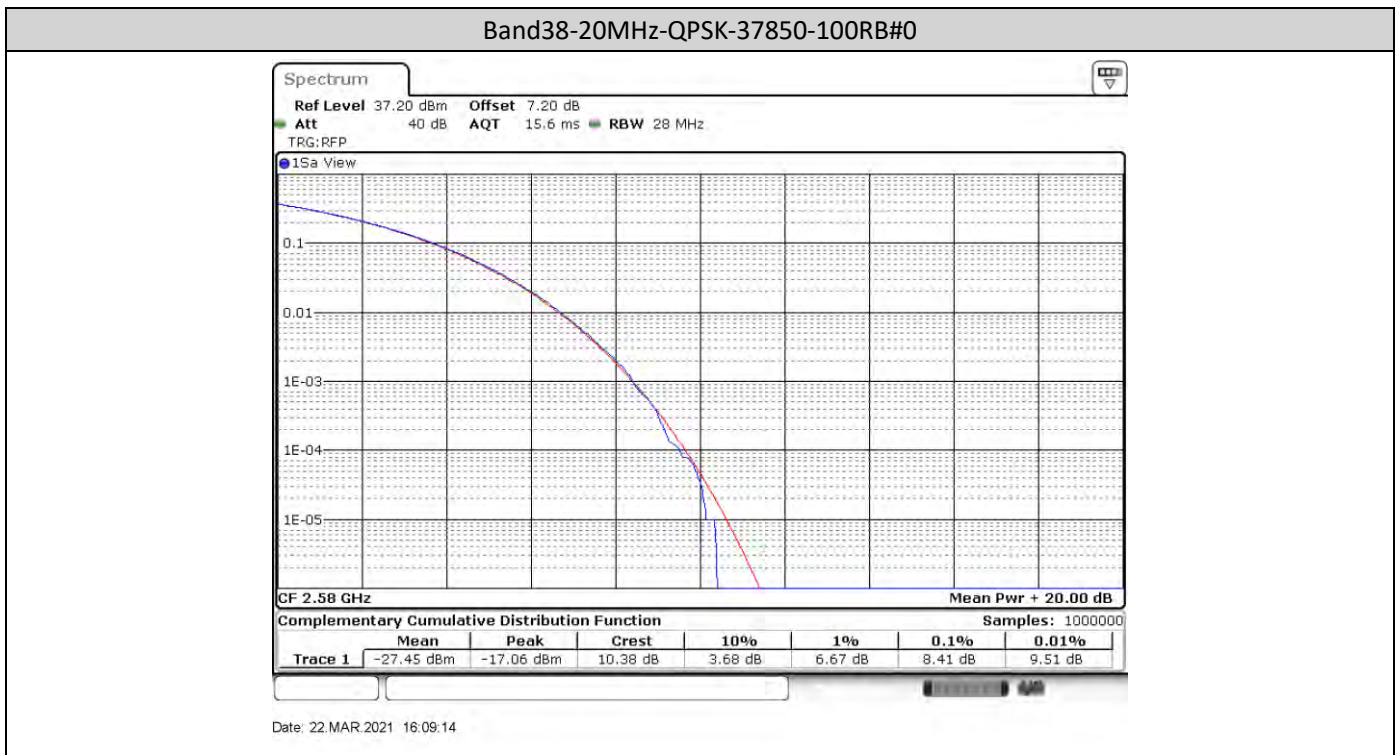


## 2. Peak-to-Average Ratio (CCDF)

### 2.1. Test Result

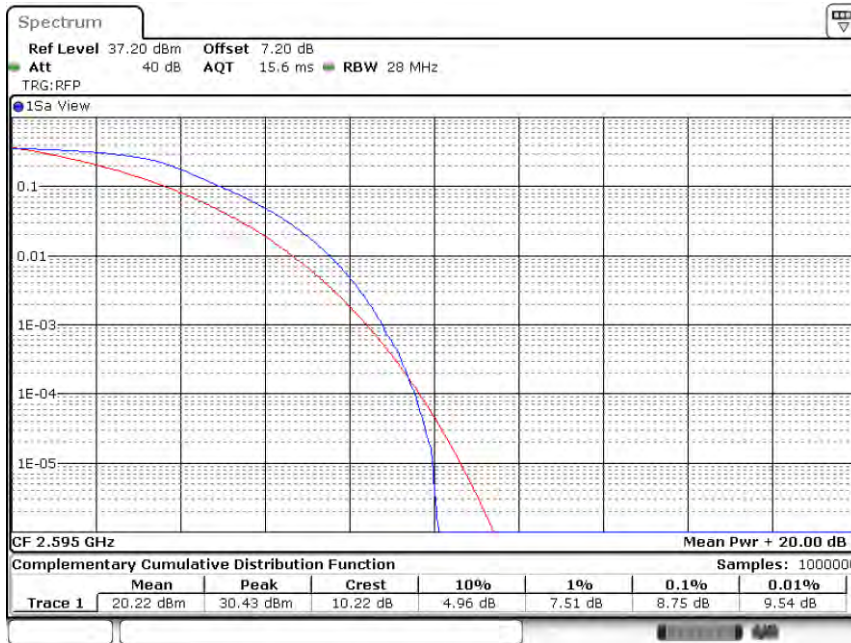
Band	Bandwidth	Modulation	Channel	RB Configuration	Result(dB)	Limit(dB)	Verdict
Band38	20MHz	QPSK	37850	100RB#0	8.41	13	PASS
Band38	20MHz	QPSK	38000	100RB#0	8.75	13	PASS
Band38	20MHz	QPSK	38150	100RB#0	8.96	13	PASS
Band38	20MHz	16QAM	37850	100RB#0	9.48	13	PASS
Band38	20MHz	16QAM	38000	100RB#0	9.48	13	PASS
Band38	20MHz	16QAM	38150	100RB#0	9.48	13	PASS

### 2.2. Test Plots



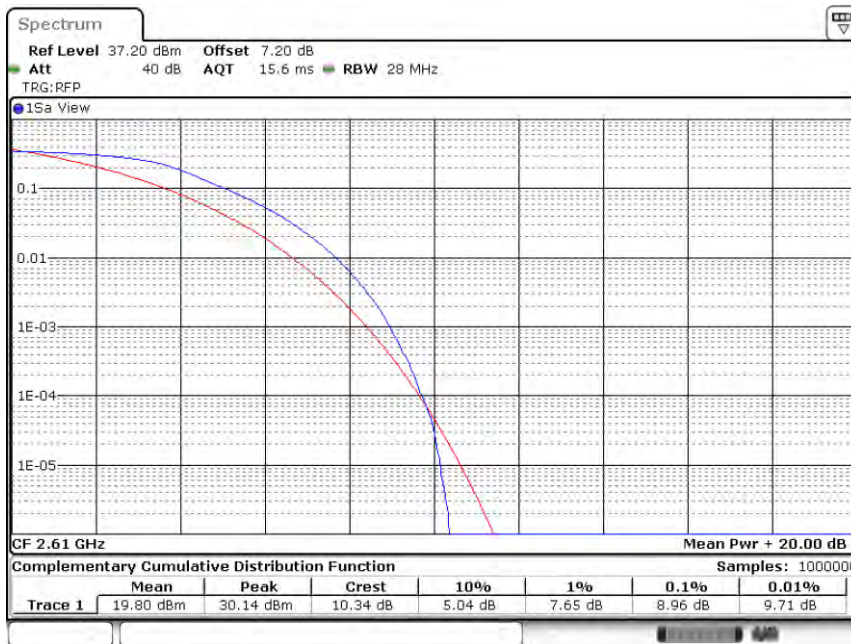


**Band38-20MHz-QPSK-38000-100RB#0**



Date: 22 MAR 2021 16:09:37

**Band38-20MHz-QPSK-38150-100RB#0**



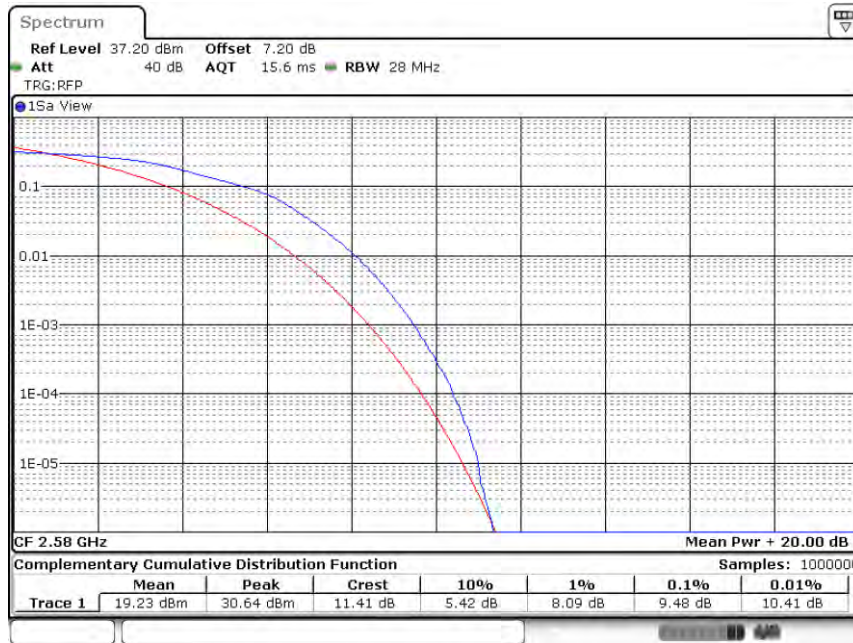
Date: 22 MAR 2021 16:10:00



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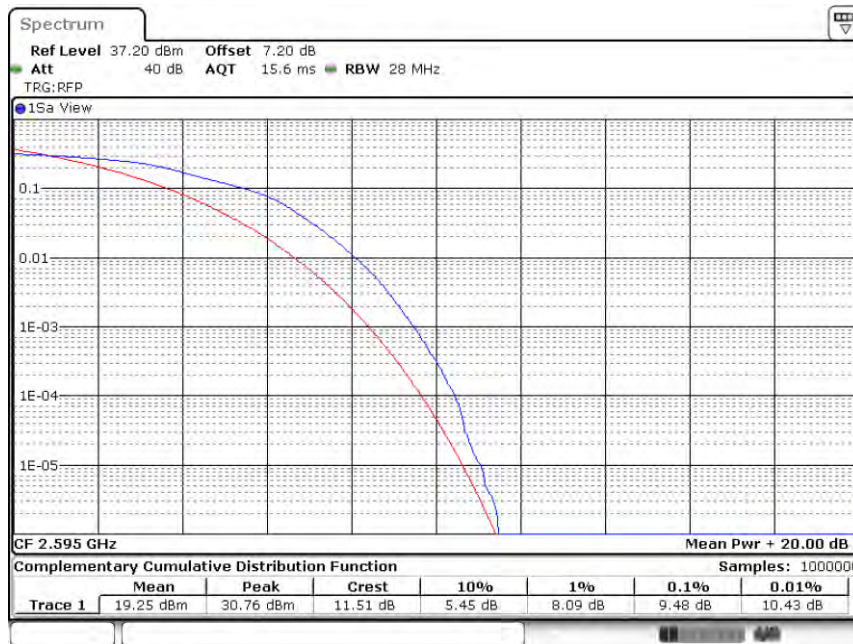


**Band38-20MHz-16QAM-37850-100RB#0**



Date: 22 MAR 2021 16:09:25

**Band38-20MHz-16QAM-38000-100RB#0**



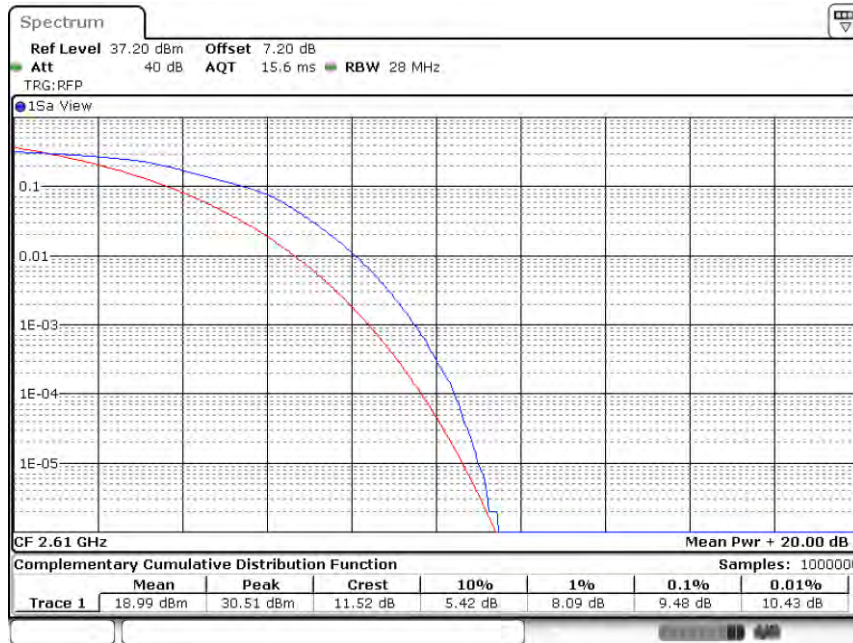
Date: 22 MAR 2021 16:09:48



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**Band38-20MHz-16QAM-38150-100RB#0**



Date: 22.MAR.2021 16:10:11

Remark: all modulation and all Bandwidth had been tested, but only the worst configuration was displayed in this report.



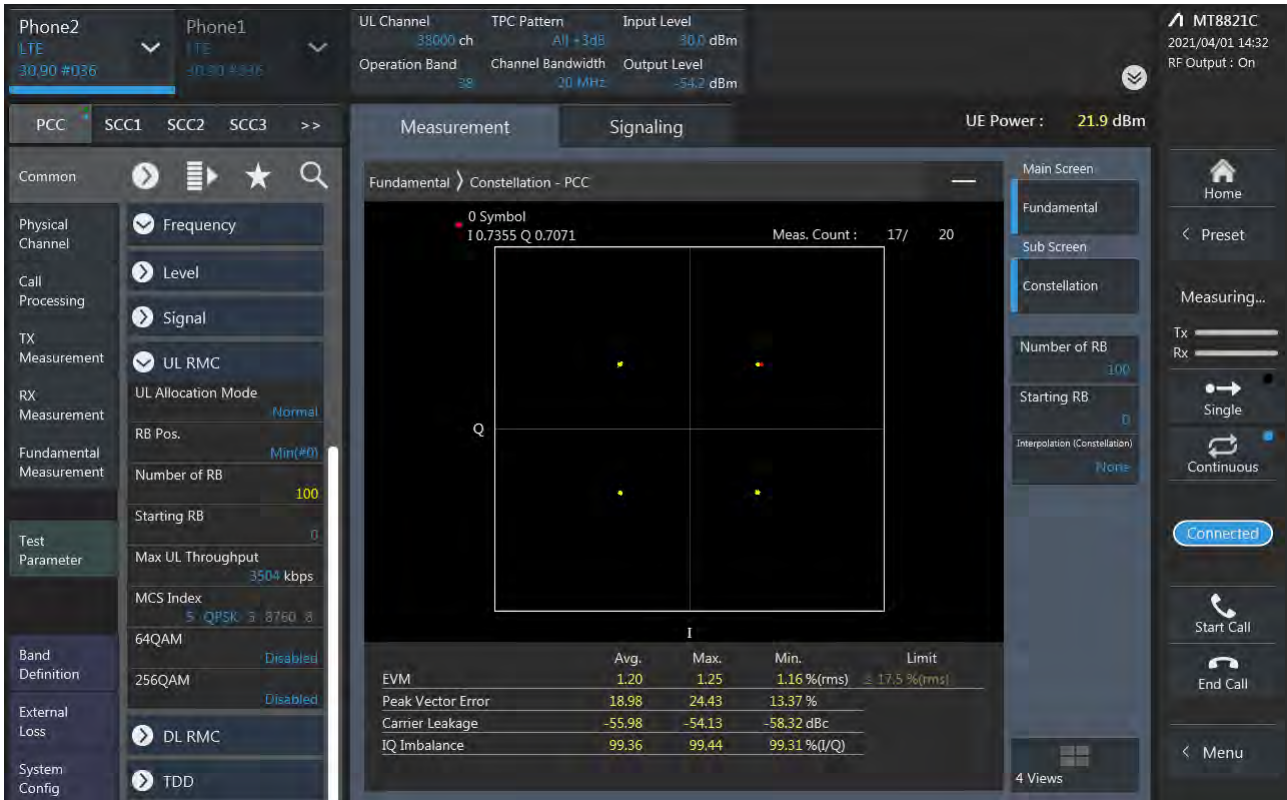
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### 3. Modulation Characteristics

#### 3.1. Test Mode = LTE /TM1 20MHz

##### 3.1.1. Test Channel = MCH



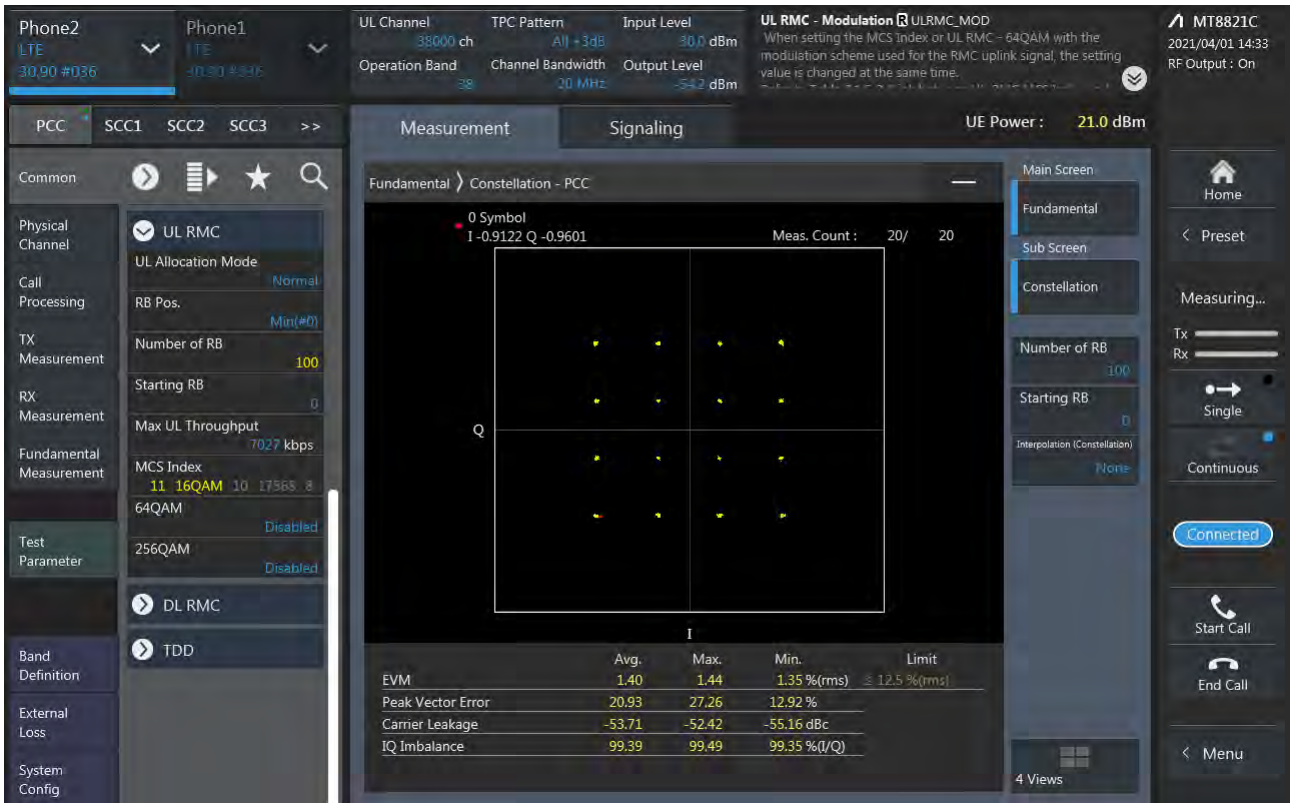
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### 3.2. Test Mode = LTE /TM2 20MHz

#### 3.2.1. Test Channel = MCH



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## 4. 26dB Bandwidth and Occupied Bandwidth

### 4.1. Test Result

Band	Bandwidth	Modulation	Channel	RB Configuration	Occupied Bandwidth (MHz)	26dB Bandwidth (MHz)	Verdict
Band38	5MHz	QPSK	37775	25RB#0	4.466	4.820	PASS
Band38	5MHz	QPSK	38000	25RB#0	4.456	4.830	PASS
Band38	5MHz	QPSK	38225	25RB#0	4.476	4.820	PASS
Band38	5MHz	16QAM	37775	25RB#0	4.476	4.870	PASS
Band38	5MHz	16QAM	38000	25RB#0	4.486	4.870	PASS
Band38	5MHz	16QAM	38225	25RB#0	4.496	4.860	PASS
Band38	10MHz	QPSK	37800	50RB#0	8.911	9.680	PASS
Band38	10MHz	QPSK	38000	50RB#0	8.911	9.700	PASS
Band38	10MHz	QPSK	38200	50RB#0	8.911	9.720	PASS
Band38	10MHz	16QAM	37800	50RB#0	8.911	9.520	PASS
Band38	10MHz	16QAM	38000	50RB#0	8.911	9.560	PASS
Band38	10MHz	16QAM	38200	50RB#0	8.911	9.540	PASS
Band38	15MHz	QPSK	37825	75RB#0	13.487	14.670	PASS
Band38	15MHz	QPSK	38000	75RB#0	13.487	14.790	PASS
Band38	15MHz	QPSK	38175	75RB#0	13.457	14.880	PASS
Band38	15MHz	16QAM	37825	75RB#0	13.427	14.730	PASS
Band38	15MHz	16QAM	38000	75RB#0	13.427	14.730	PASS
Band38	15MHz	16QAM	38175	75RB#0	13.427	14.730	PASS
Band38	20MHz	QPSK	37850	100RB#0	17.902	19.360	PASS
Band38	20MHz	QPSK	38000	100RB#0	17.902	19.320	PASS
Band38	20MHz	QPSK	38150	100RB#0	17.902	19.320	PASS
Band38	20MHz	16QAM	37850	100RB#0	17.862	19.480	PASS
Band38	20MHz	16QAM	38000	100RB#0	17.862	19.520	PASS
Band38	20MHz	16QAM	38150	100RB#0	17.902	19.600	PASS

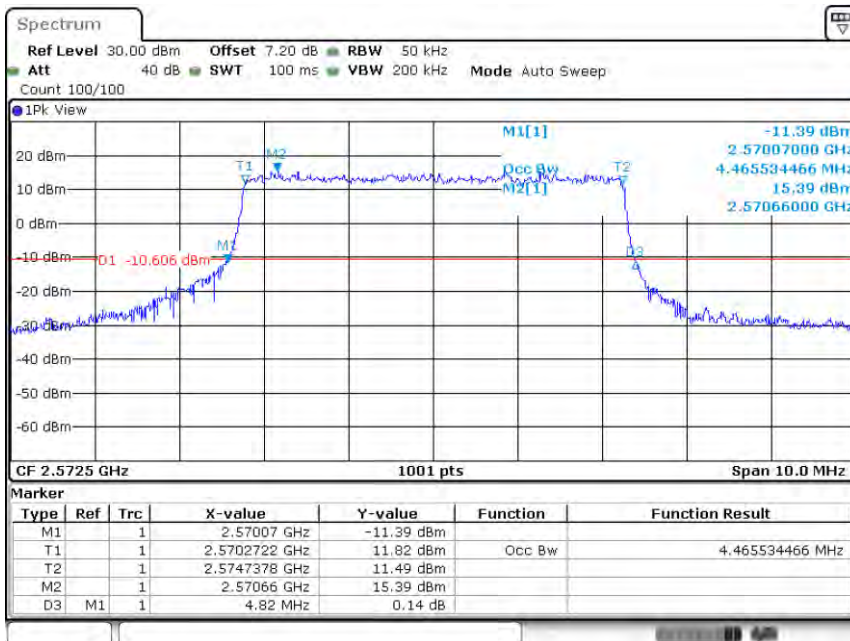


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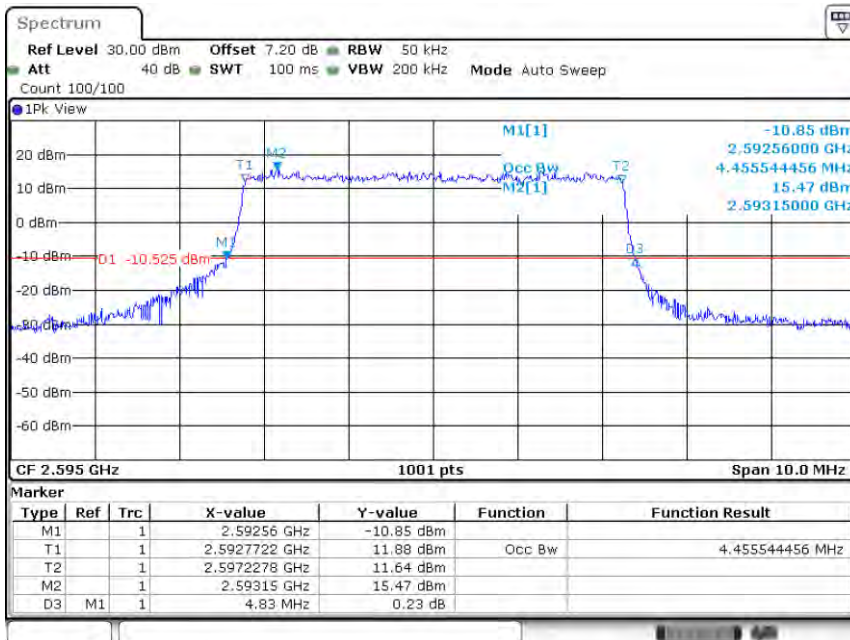
### 4.2. Test Plots

Band38-5MHz-QPSK-37775-25RB#0-4.466



Date: 22 MAR 2021 15:31:15

Band38-5MHz-QPSK-38000-25RB#0-4.456



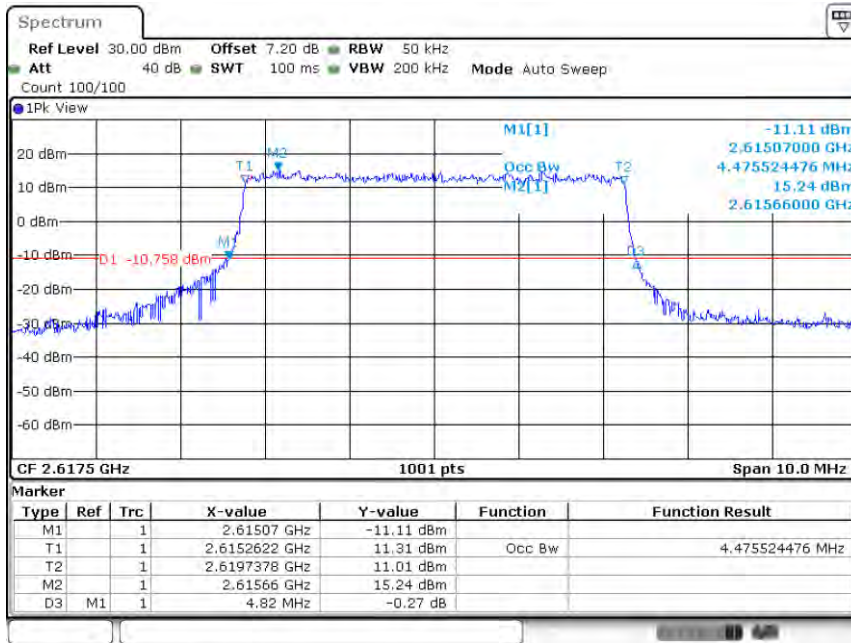
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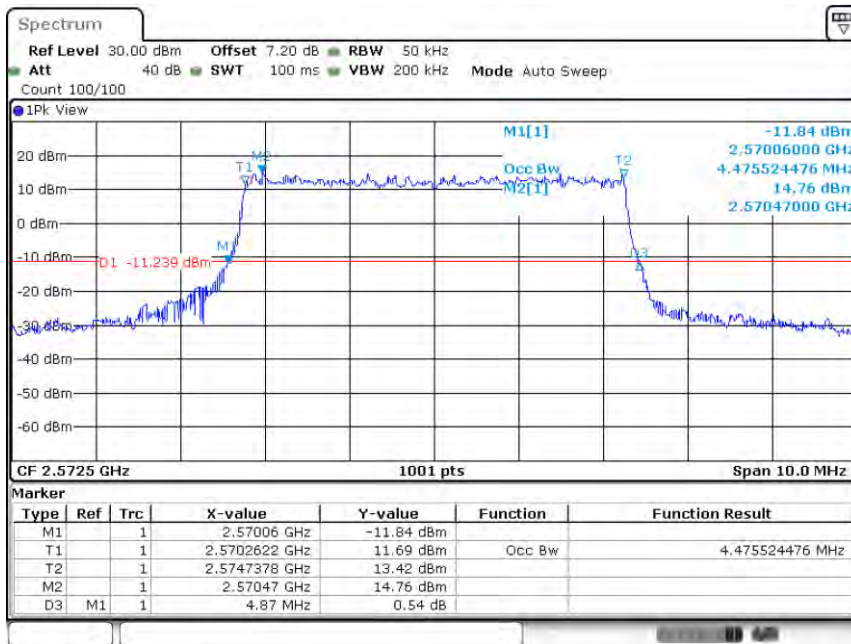


**Band38-5MHz-QPSK-38225-25RB#0-4.476**



Date: 22 MAR 2021 15:33:10

**Band38-5MHz-16QAM-37775-25RB#0-4.476**

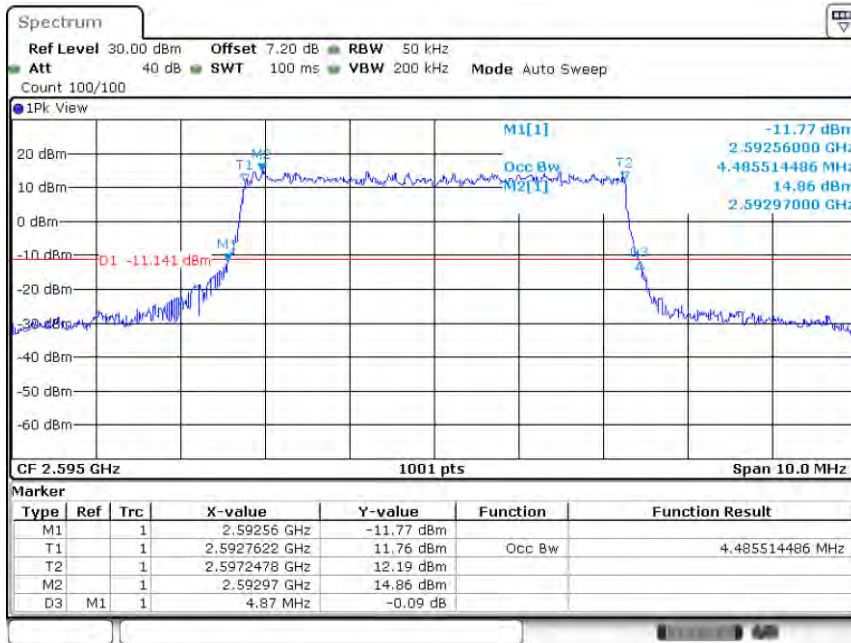


Date: 22 MAR 2021 15:31:34



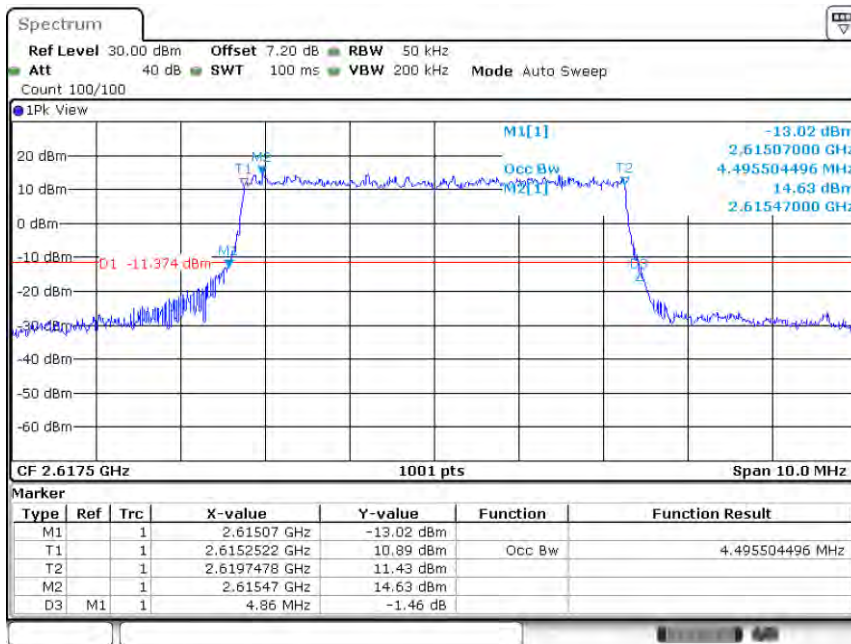
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**Band38-5MHz-16QAM-38000-25RB#0-4.486**



Date: 22 MAR 2021 15:32:50

**Band38-5MHz-16QAM-38225-25RB#0-4.496**



Date: 22 MAR 2021 15:35:12

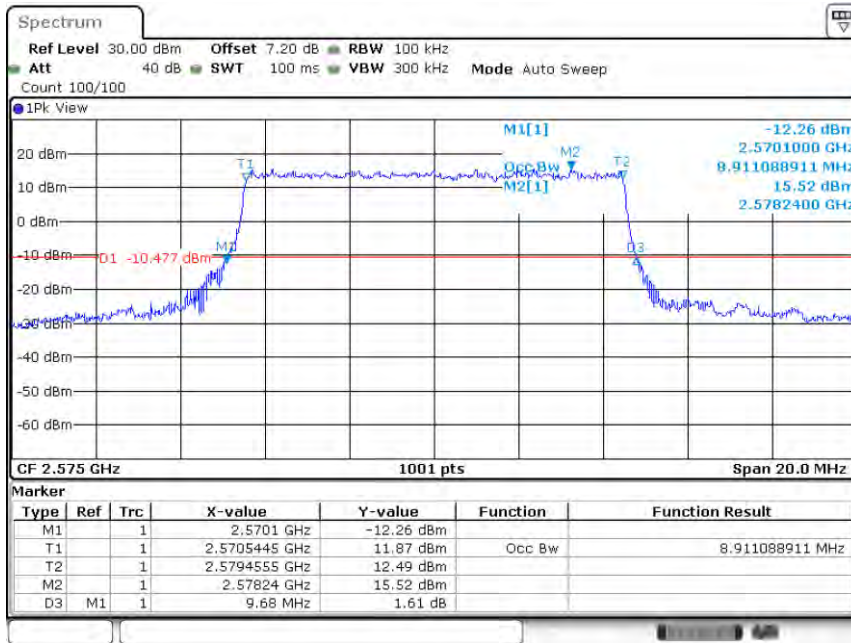


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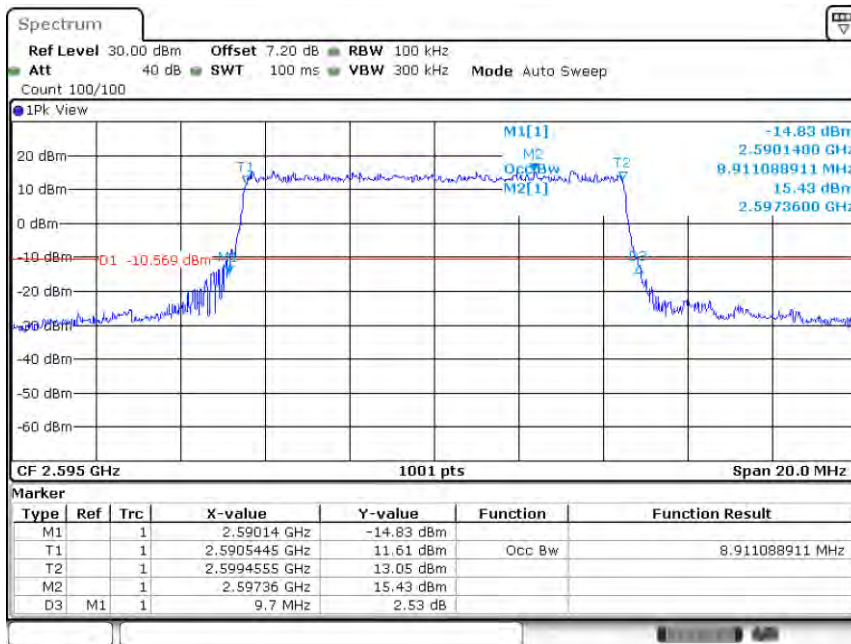


**Band38-10MHz-QPSK-37800-50RB#0-8.911**



Date: 22 MAR 2021 15:36:49

**Band38-10MHz-QPSK-38000-50RB#0-8.911**



Date: 22 MAR 2021 15:37:38

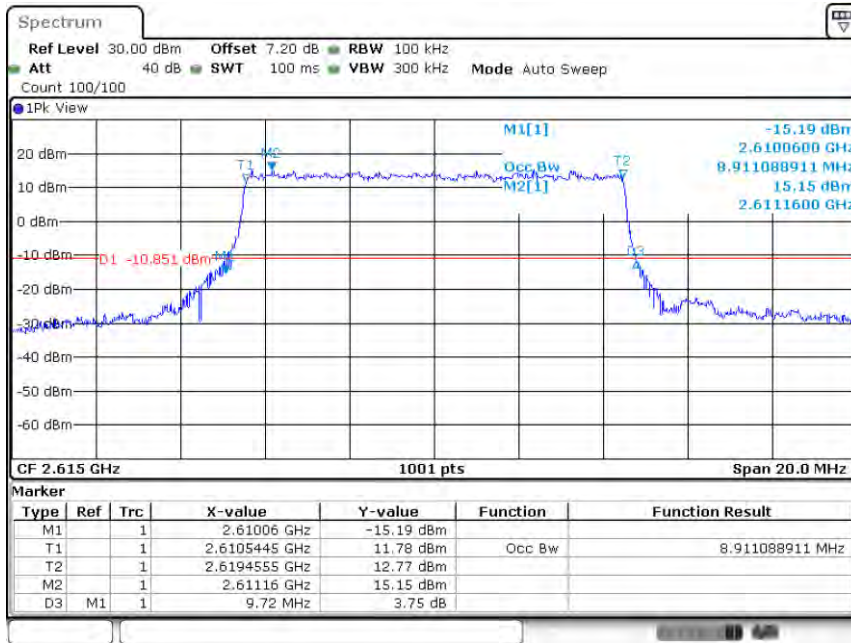


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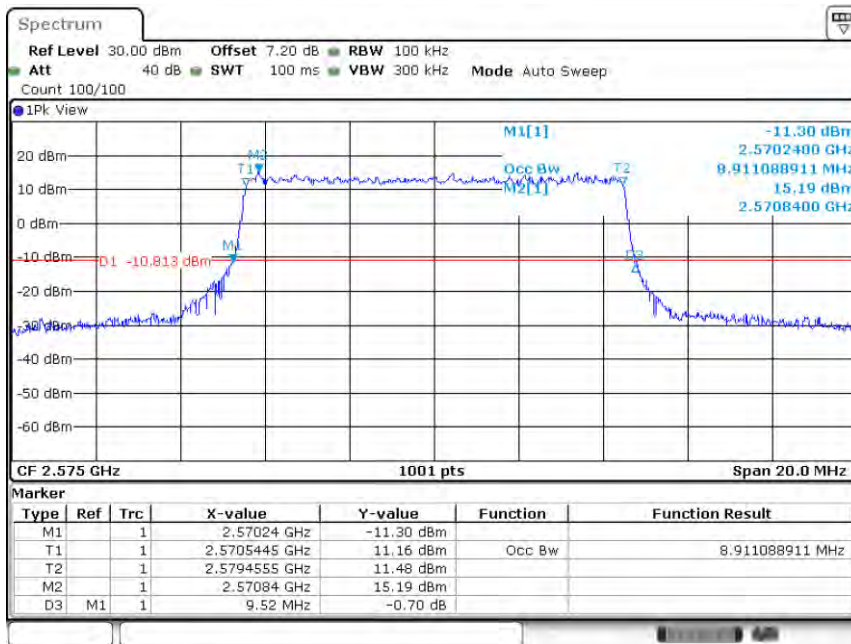


Band38-10MHz-QPSK-38200-50RB#0-8.911



Date: 22 MAR 2021 15:38:28

Band38-10MHz-16QAM-37800-50RB#0-8.911



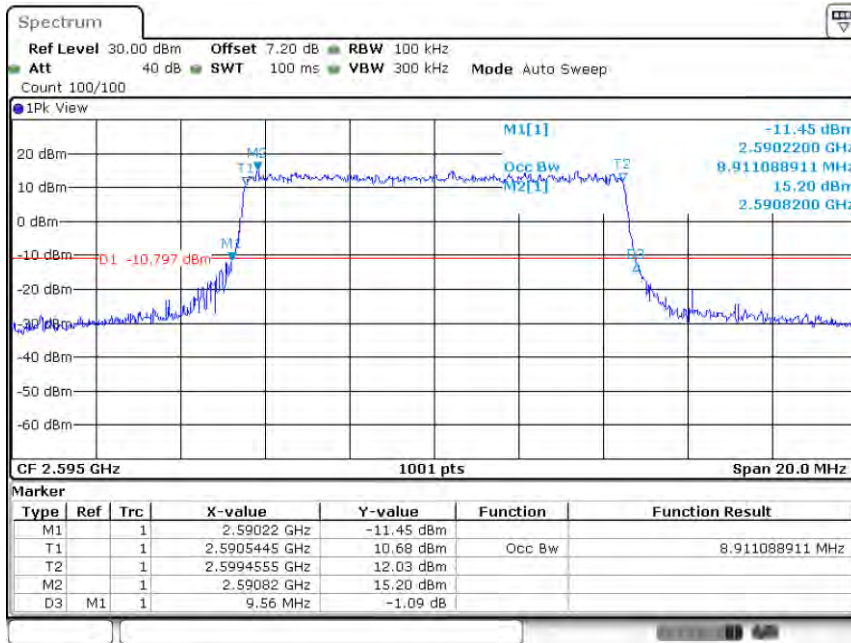
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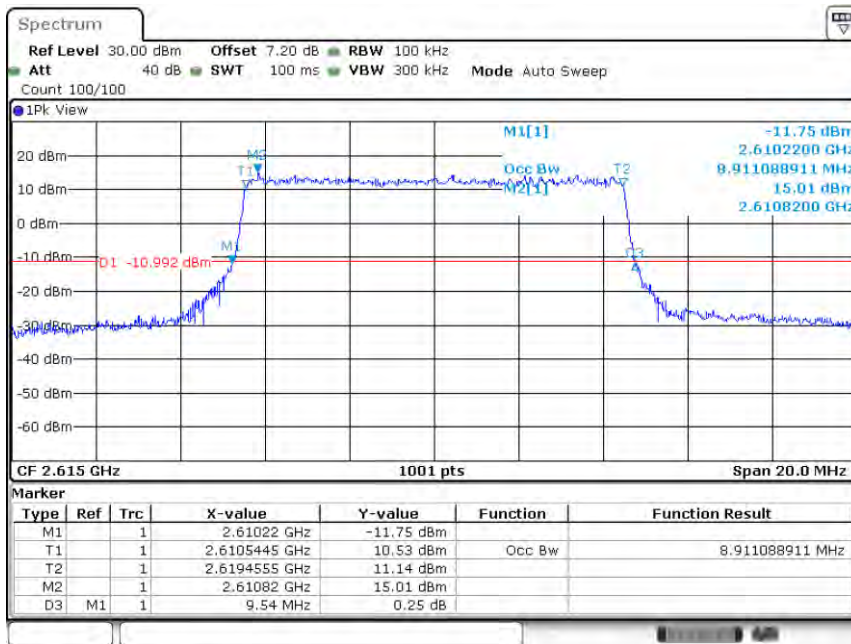


Band38-10MHz-16QAM-38000-50RB#0-8.911



Date: 22 MAR 2021 15:38:04

Band38-10MHz-16QAM-38200-50RB#0-8.911



Date: 22 MAR 2021 15:39:42

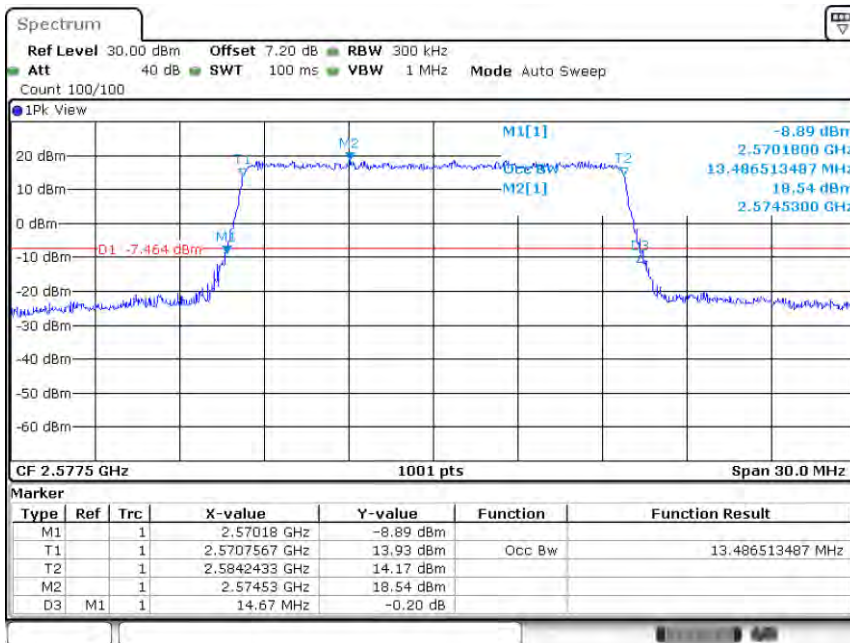


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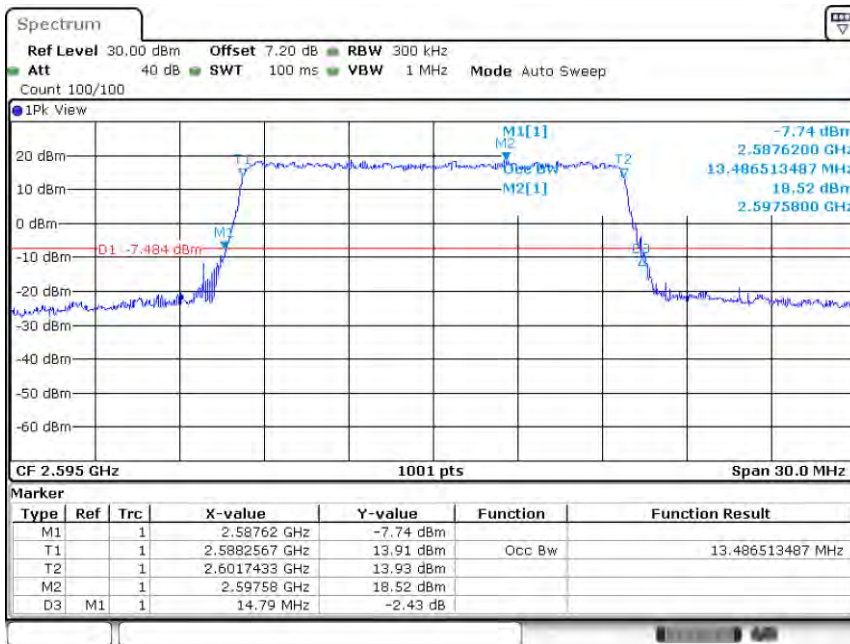


Band38-15MHz-QPSK-37825-75RB#0-13.487



Date: 22 MAR 2021 15:40:08

Band38-15MHz-QPSK-38000-75RB#0-13.487



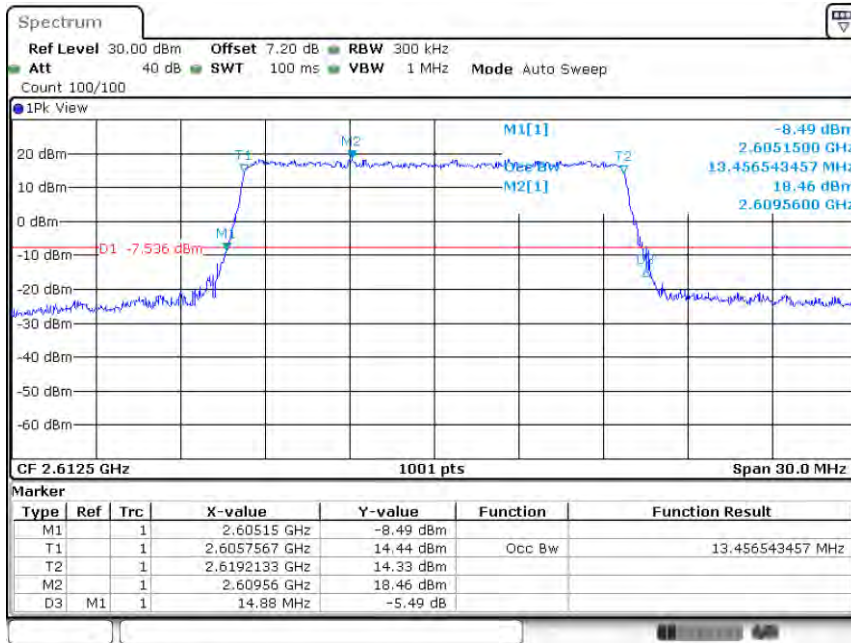
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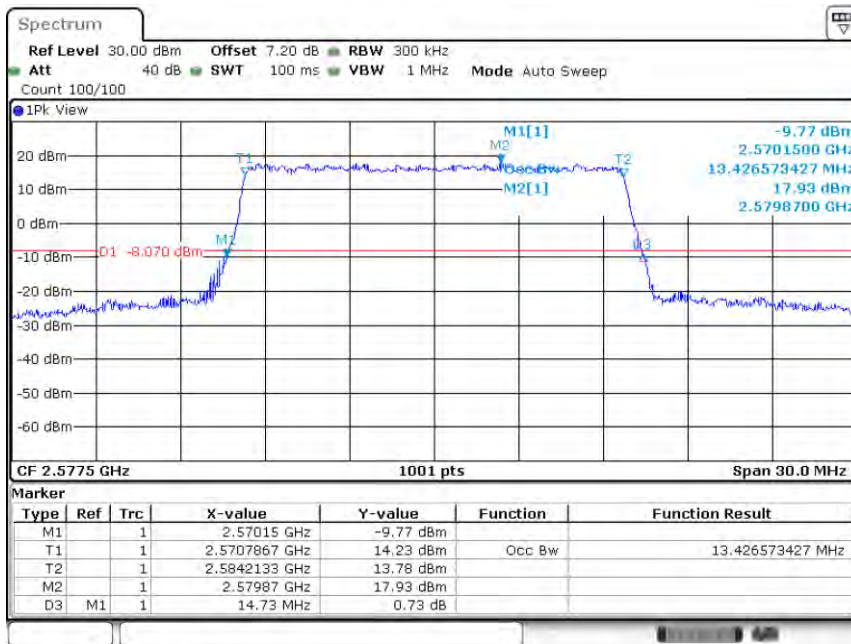


**Band38-15MHz-QPSK-38175-75RB#0-13.457**



Date: 22 MAR 2021 15:41:43

**Band38-15MHz-16QAM-37825-75RB#0-13.427**

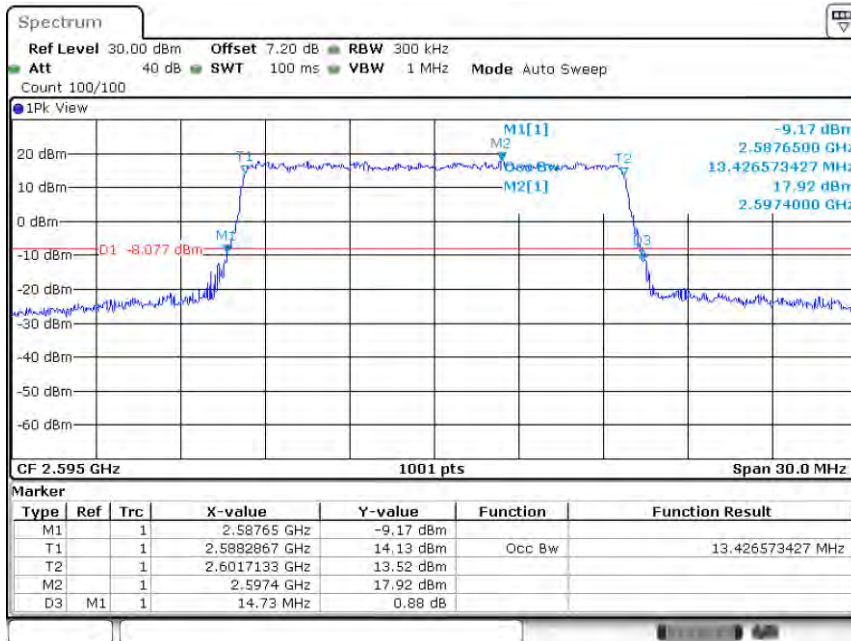


Date: 22 MAR 2021 15:40:33



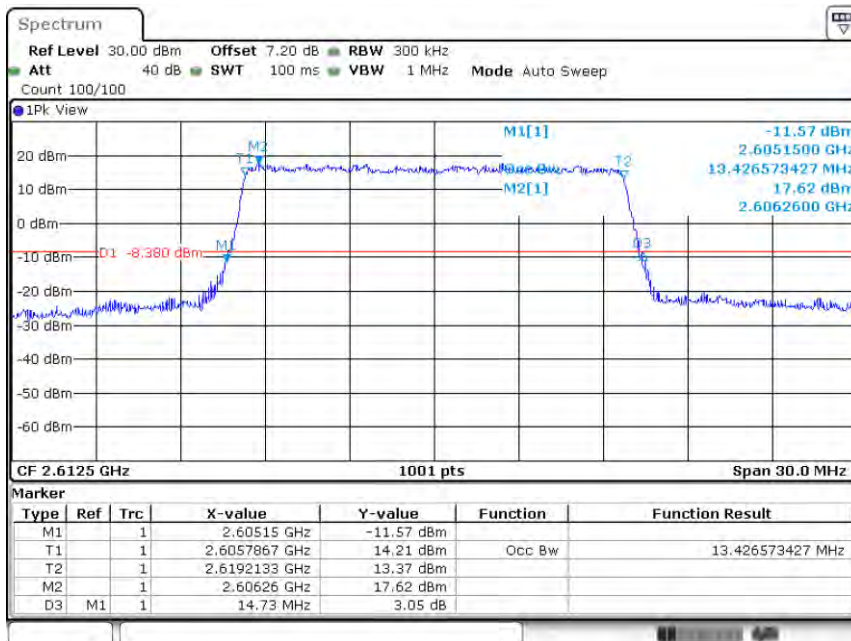
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**Band38-15MHz-16QAM-38000-75RB#0-13.427**



Date: 22 MAR 2021 15:41:23

**Band38-15MHz-16QAM-38175-75RB#0-13.427**



Date: 22 MAR 2021 15:42:32

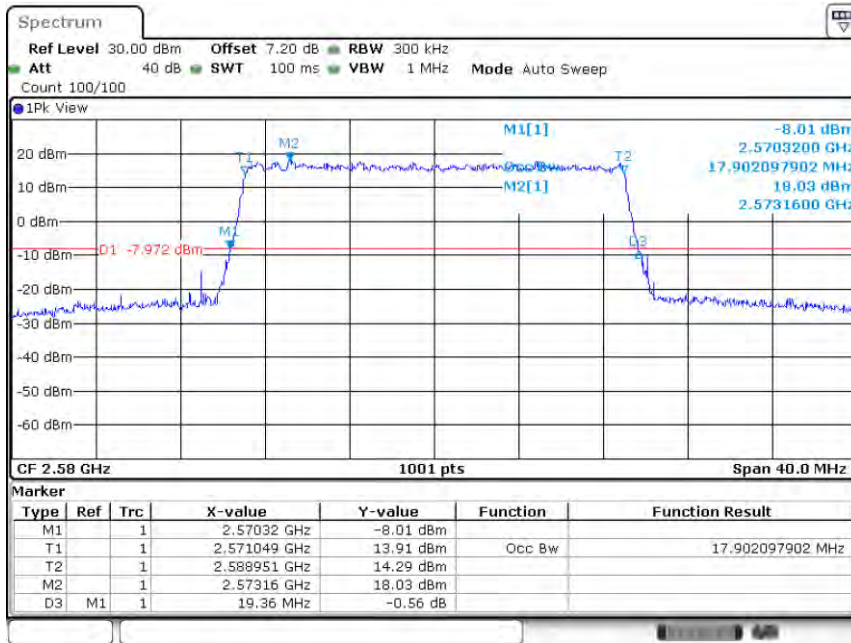


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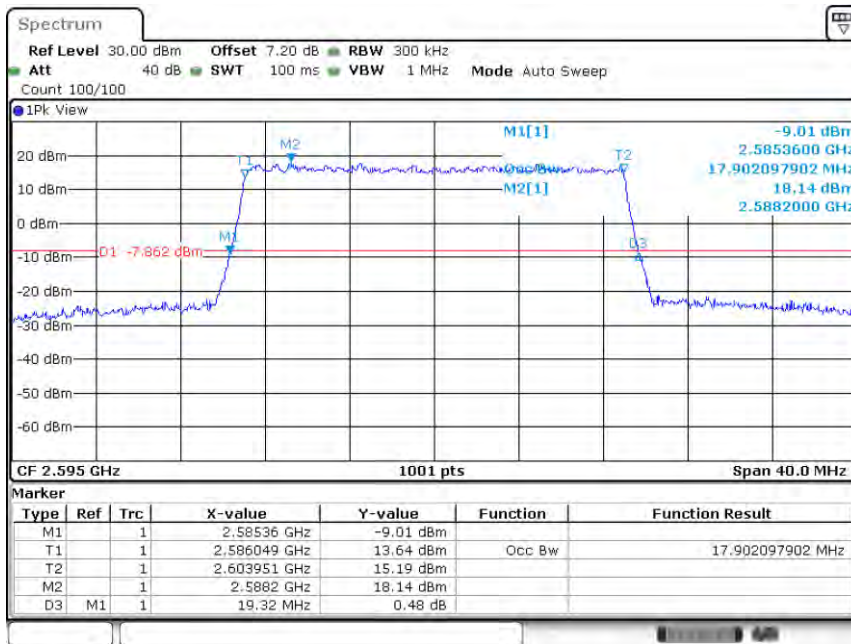


Band38-20MHz-QPSK-37850-100RB#0-17.902



Date: 22 MAR 2021 15:43:46

Band38-20MHz-QPSK-38000-100RB#0-17.902



Date: 22 MAR 2021 15:44:59

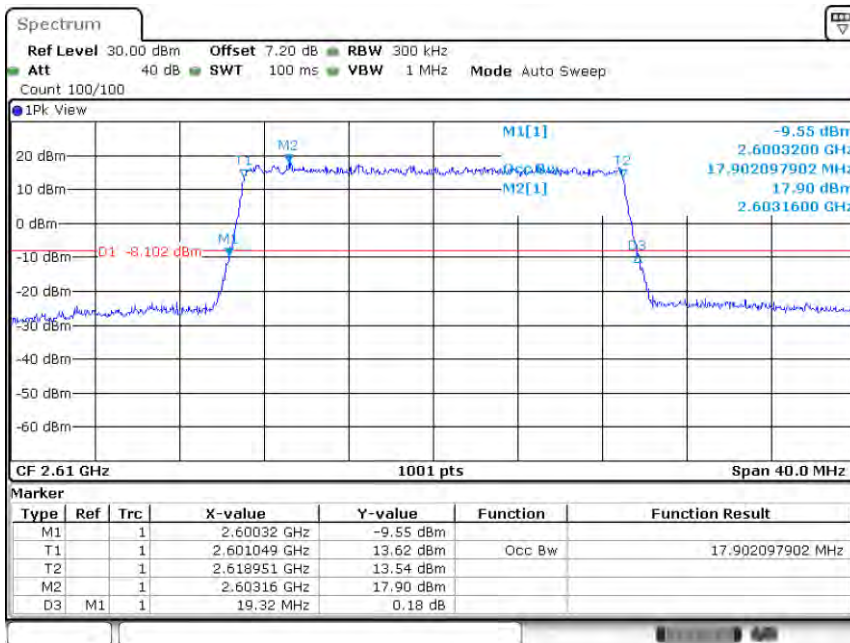


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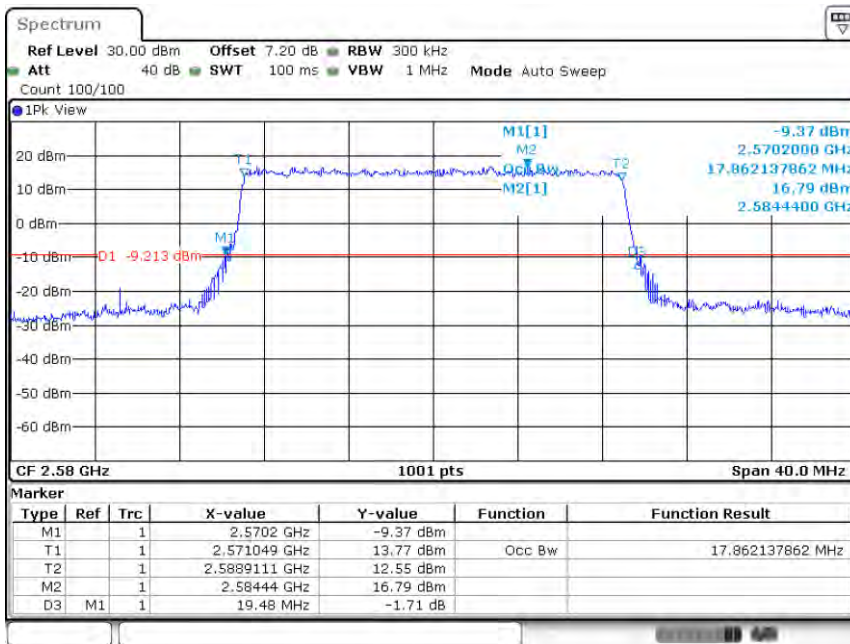


Band38-20MHz-QPSK-38150-100RB#0-17.902



Date: 22 MAR 2021 15:45:47

Band38-20MHz-16QAM-37850-100RB#0-17.862



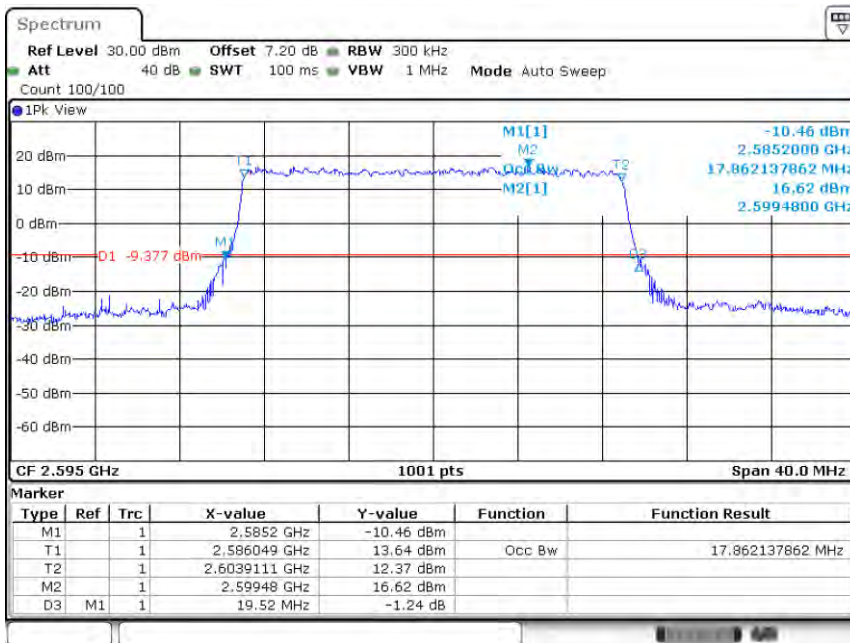
Date: 22 MAR 2021 15:44:34



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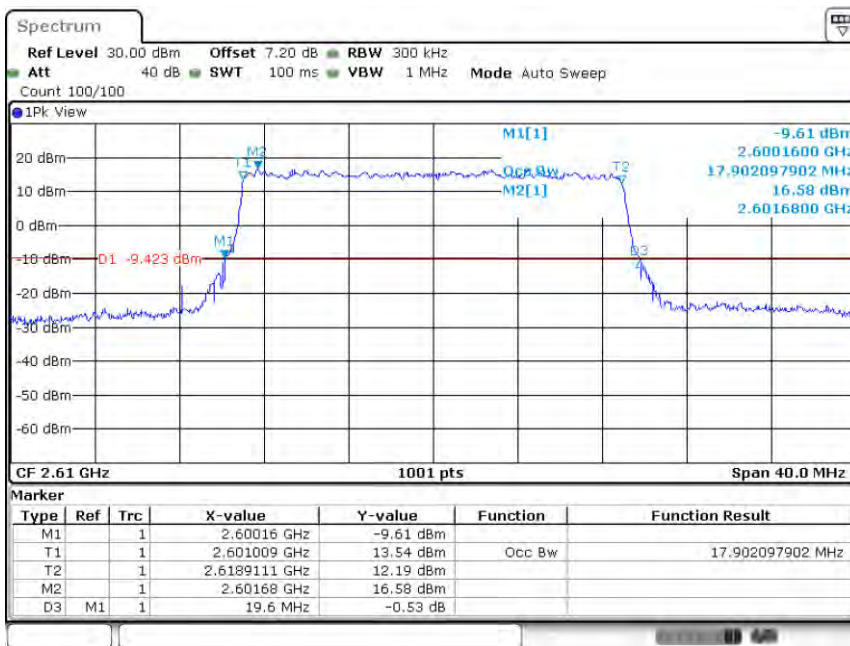


Band38-20MHz-16QAM-38000-100RB#0-17.862



Date: 22 MAR 2021 15:45:26

Band38-20MHz-16QAM-38150-100RB#0-17.902



Date: 22 MAR 2021 15:46:18

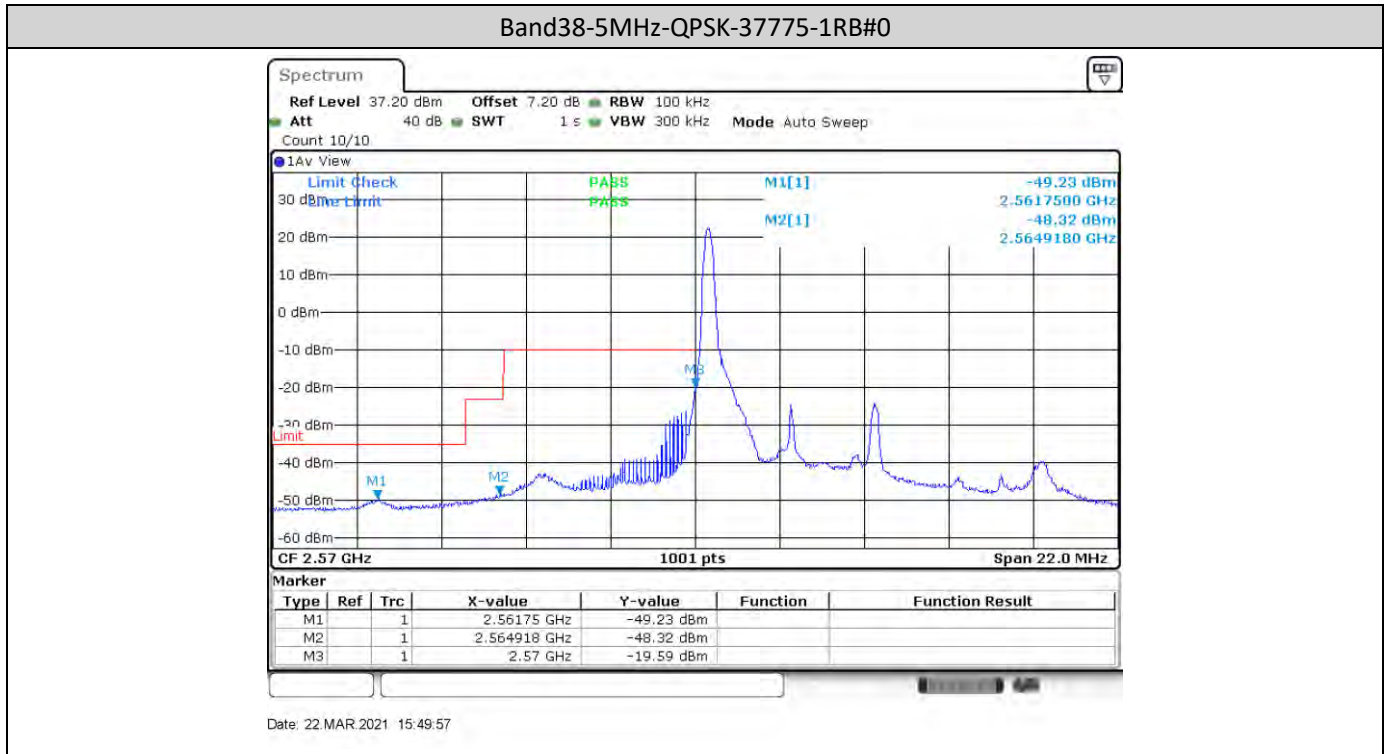


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## 5. Band Edge Compliance

### 5.1. Test Plots

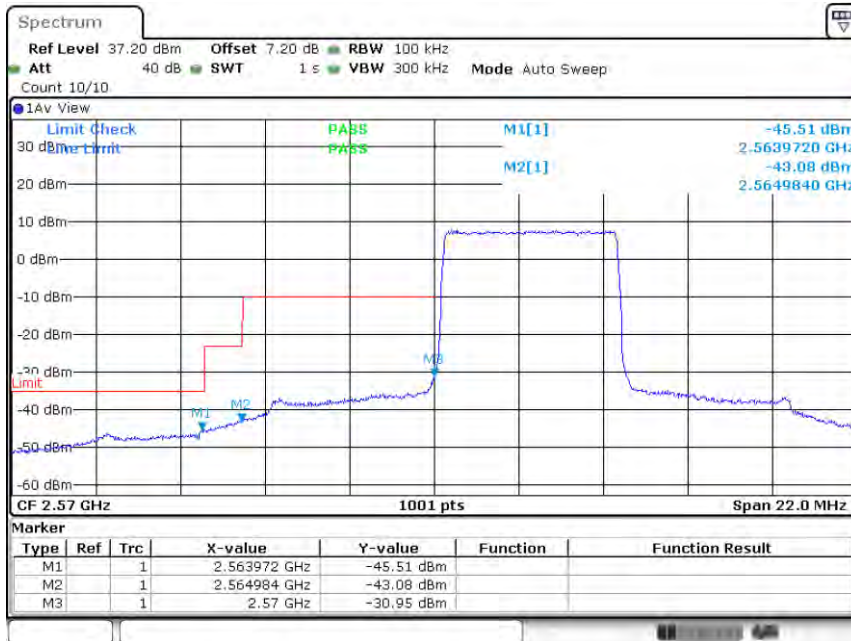


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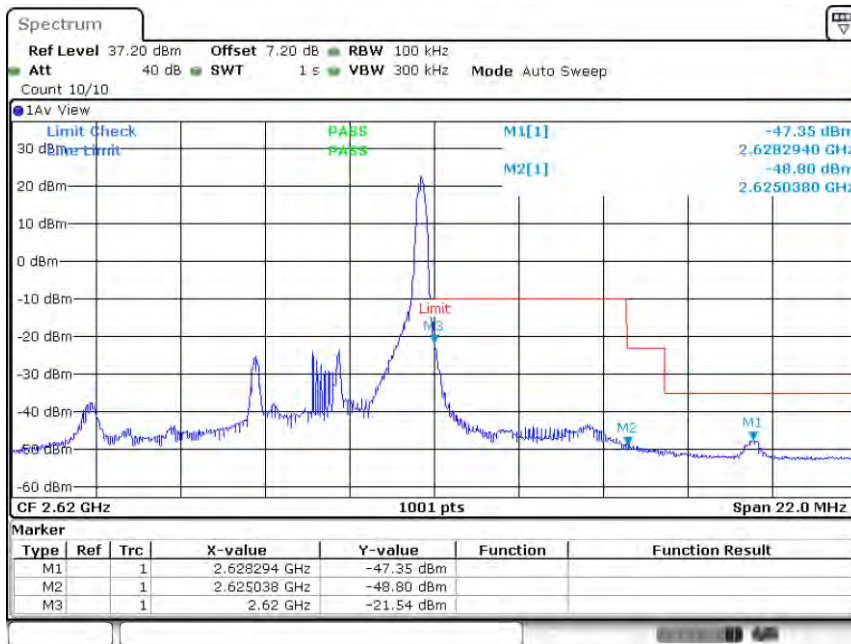


**Band38-5MHz-QPSK-37775-25RB#0**



Date: 22 MAR 2021 15:52:33

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

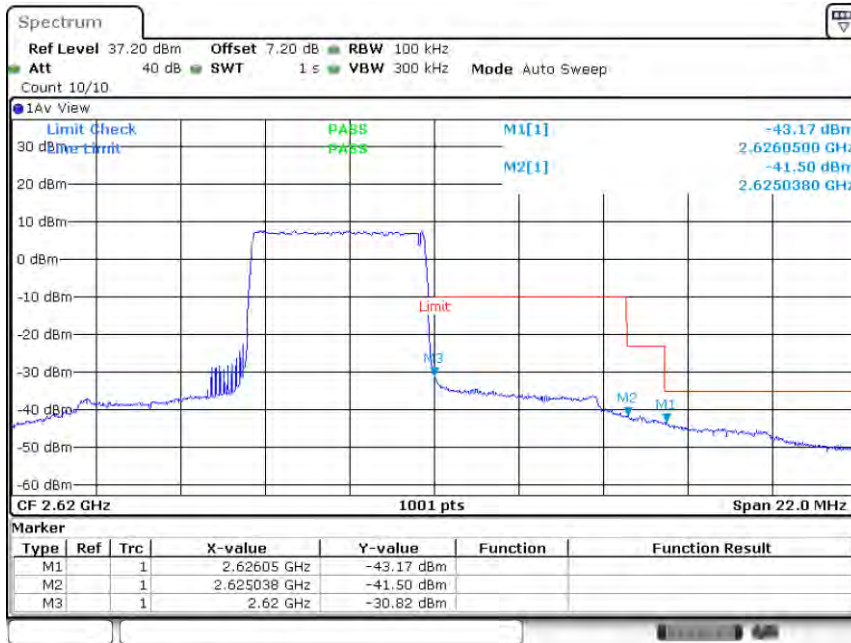


Date: 22 MAR 2021 15:50:58



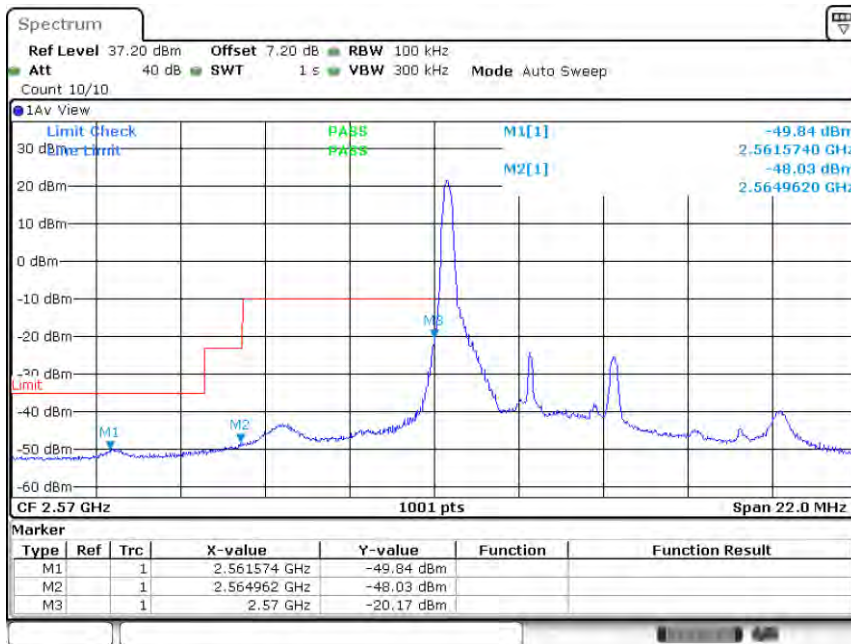
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**Band38-5MHz-QPSK-38225-25RB#0**



Date: 22 MAR 2021 15:54:09

**Band38-5MHz-16QAM-37775-1RB#0**



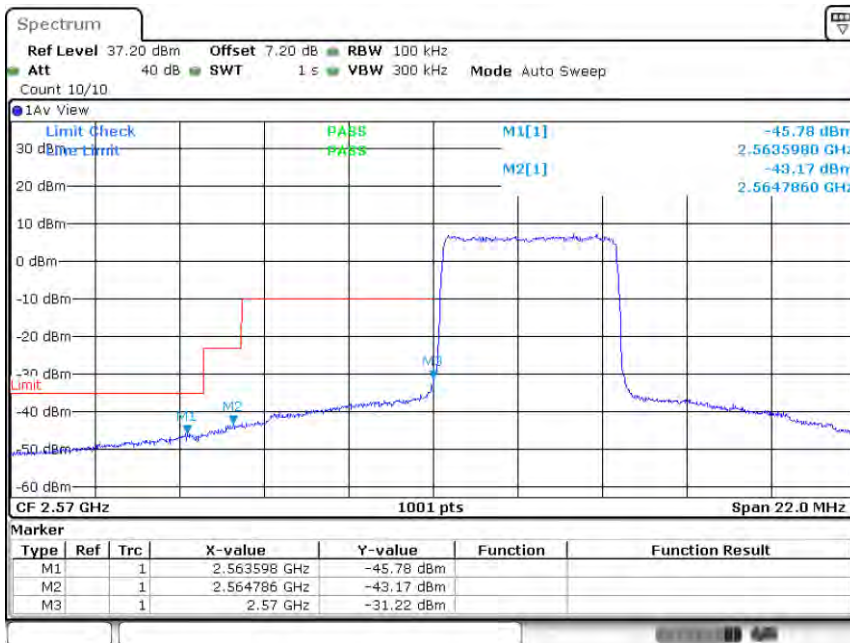
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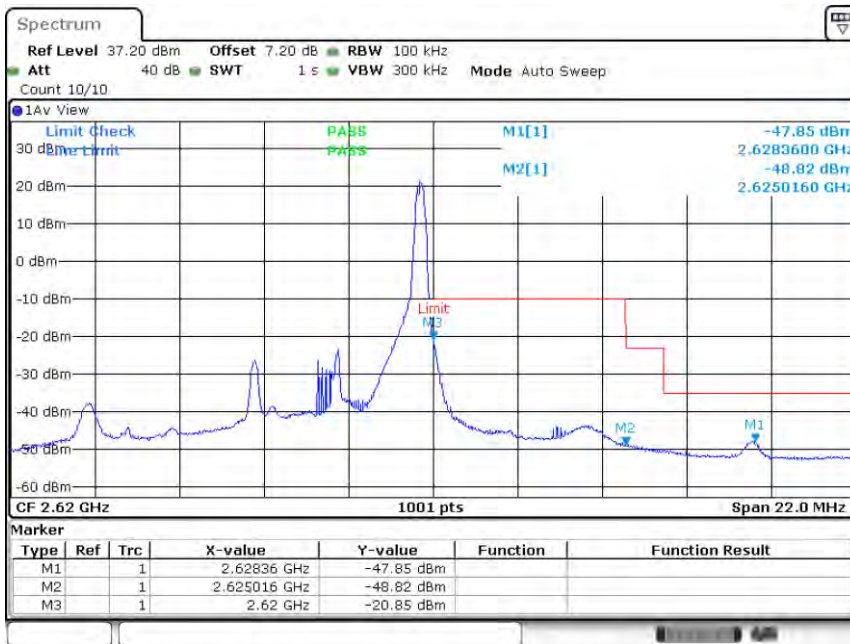


**Band38-5MHz-16QAM-37775-25RB#0**



Date: 22 MAR 2021 15:52:55

**Band38-5MHz-16QAM-38225-1RB#24**



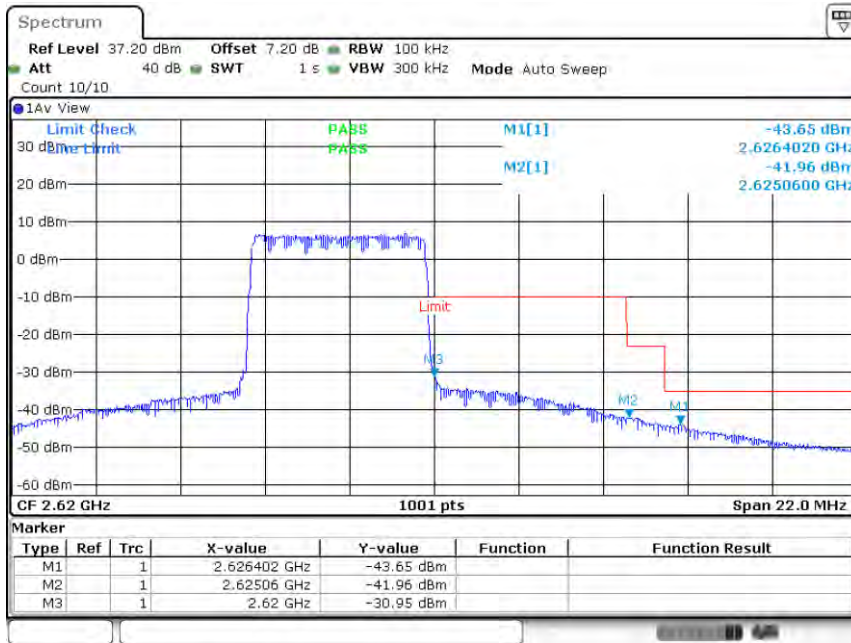
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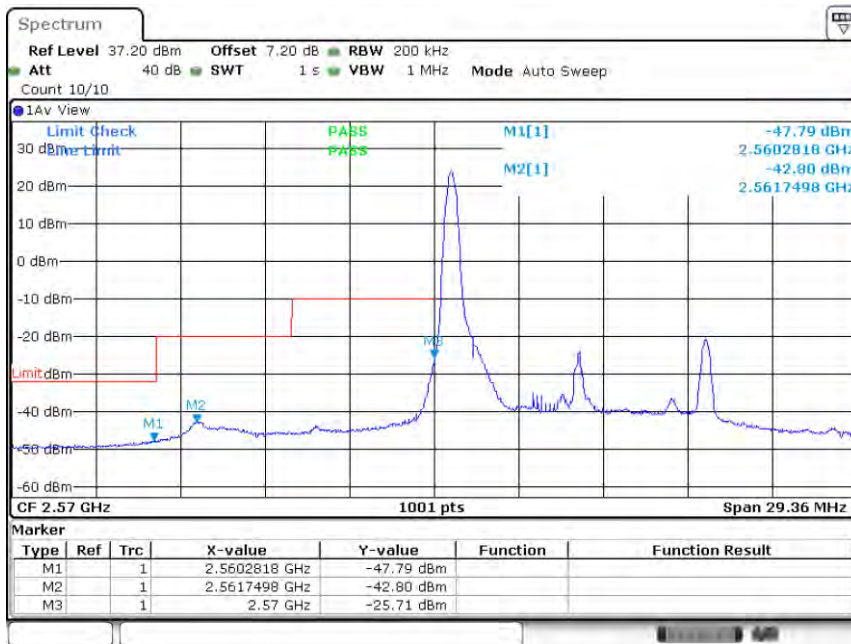


**Band38-5MHz-16QAM-38225-25RB#0**



Date: 22 MAR 2021 15:55:34

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

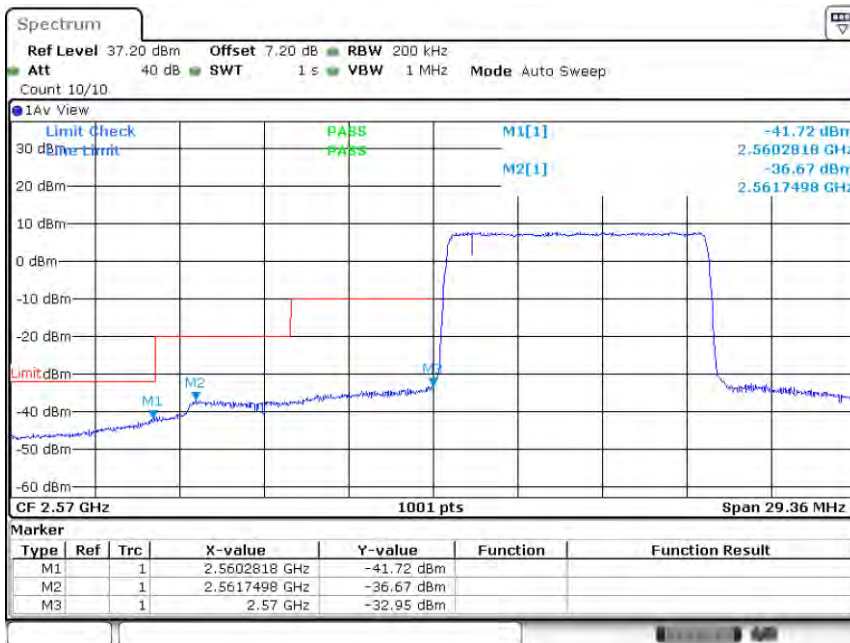


Date: 22 MAR 2021 16:14:40



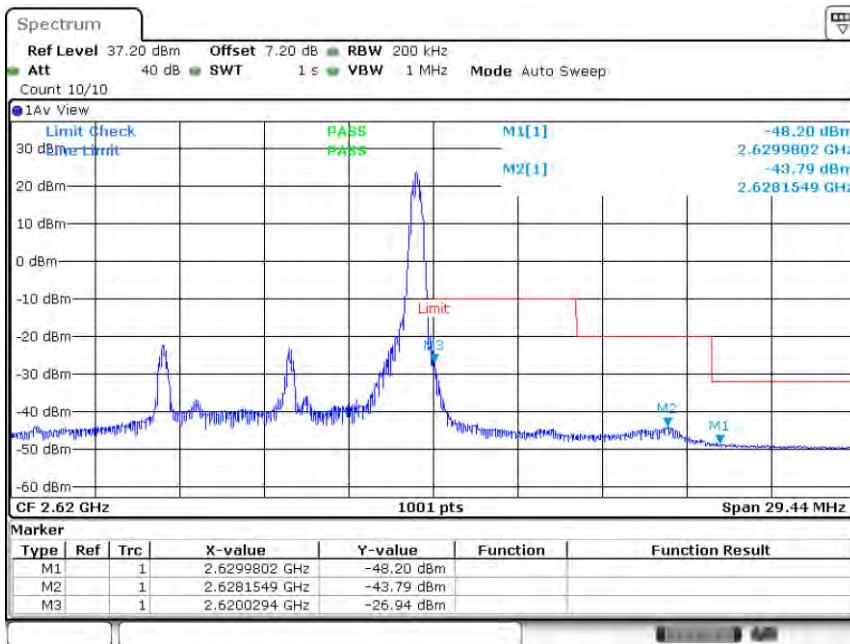
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**Band38-10MHz-QPSK-37800-50RB#0**



Date: 22 MAR 2021 16:17:15

**Band38-10MHz-QPSK-38200-1RB#49**



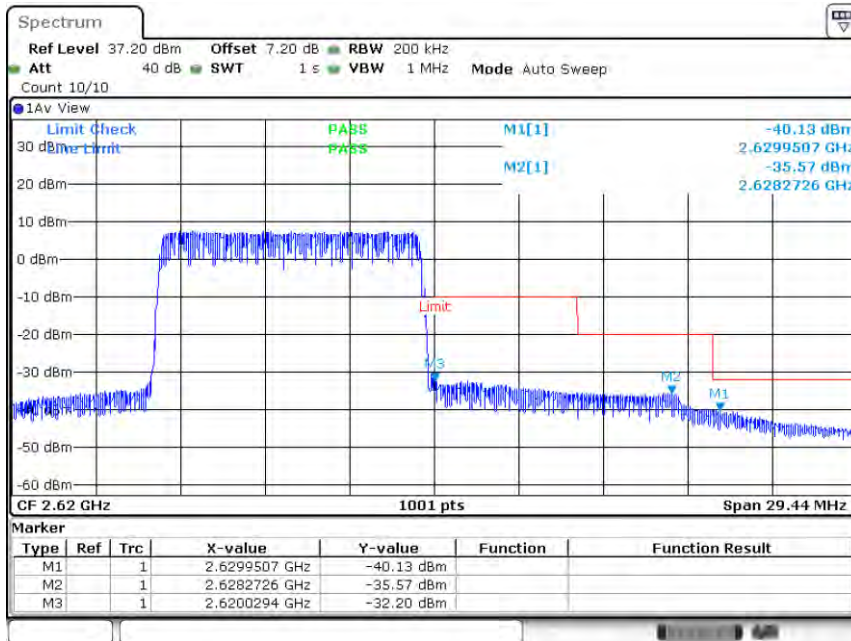
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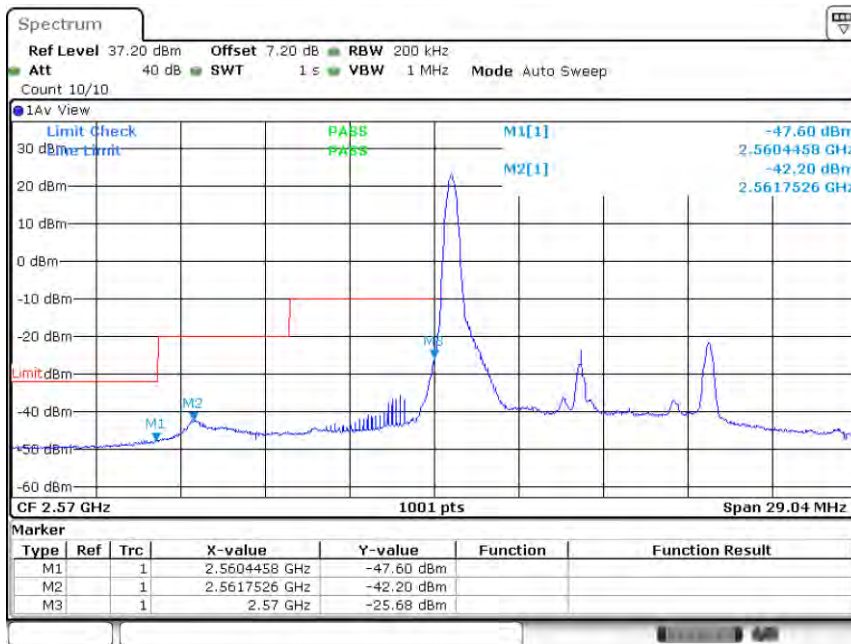


**Band38-10MHz-QPSK-38200-50RB#0**



Date: 22 MAR 2021 16:18:26

**Band38-10MHz-16QAM-37800-1RB#0**



Date: 22 MAR 2021 16:15:02

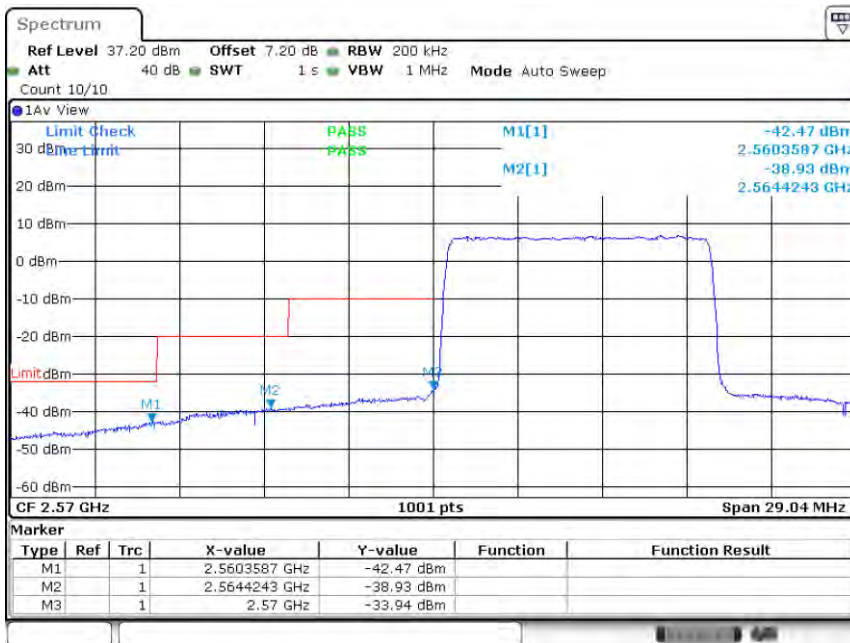


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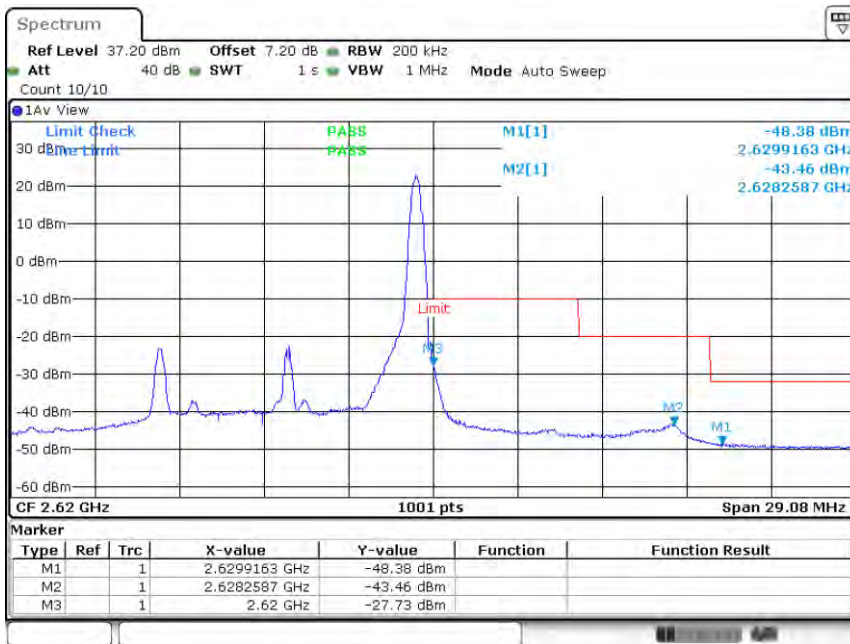


Band38-10MHz-16QAM-37800-50RB#0



Date: 22 MAR 2021 16:17:36

Band38-10MHz-16QAM-38200-1RB#49

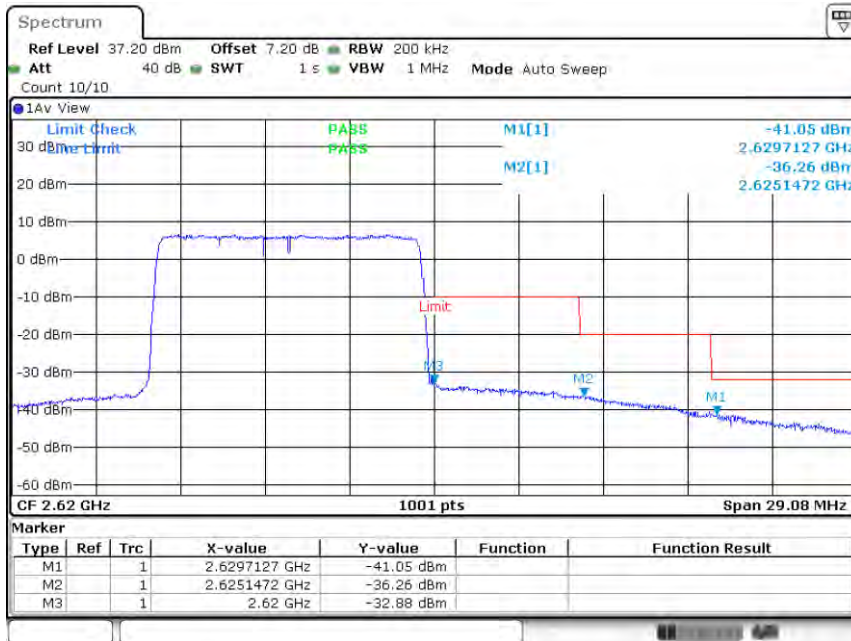


Date: 22 MAR 2021 16:16:49



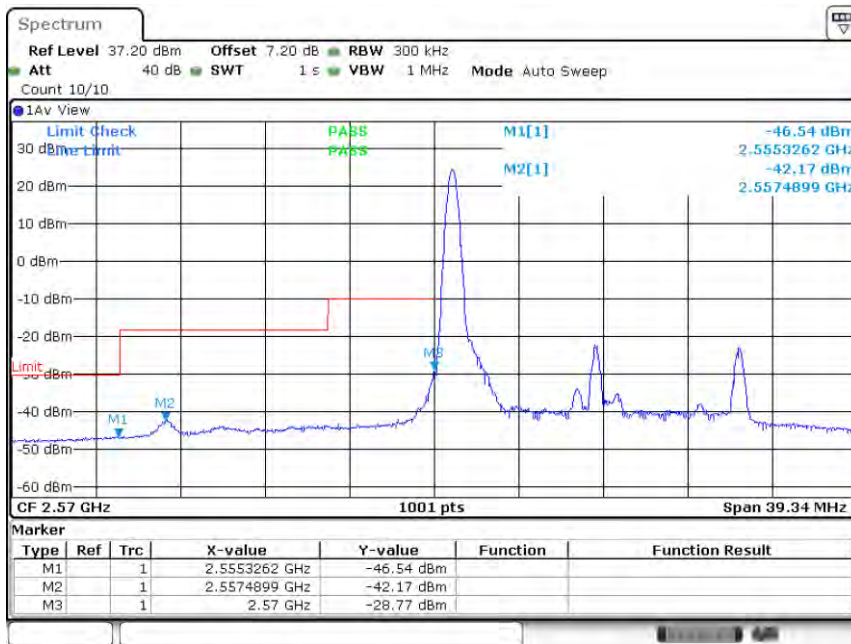
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**Band38-10MHz-16QAM-38200-50RB#0**



Date: 22 MAR 2021 16:18:47

**Band38-15MHz-QPSK-37825-1RB#0**



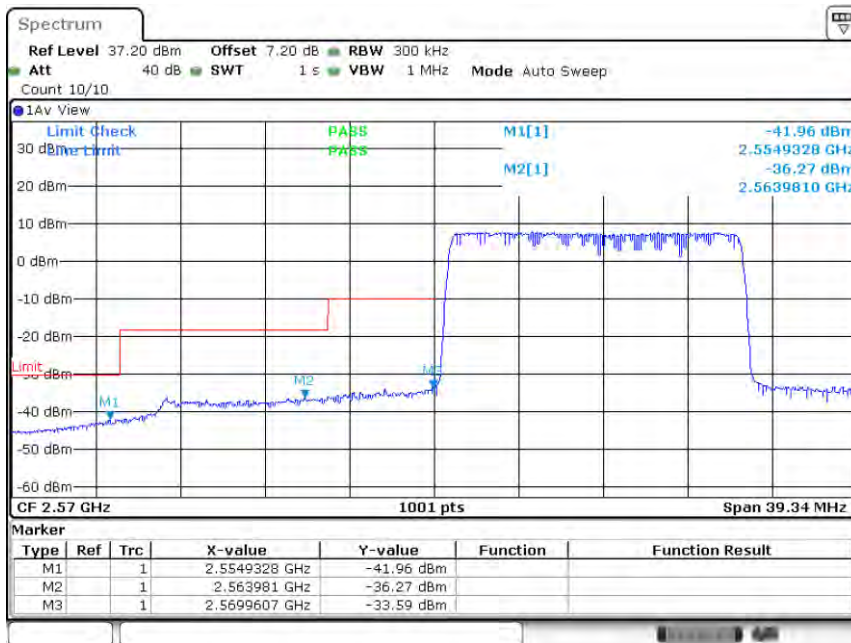
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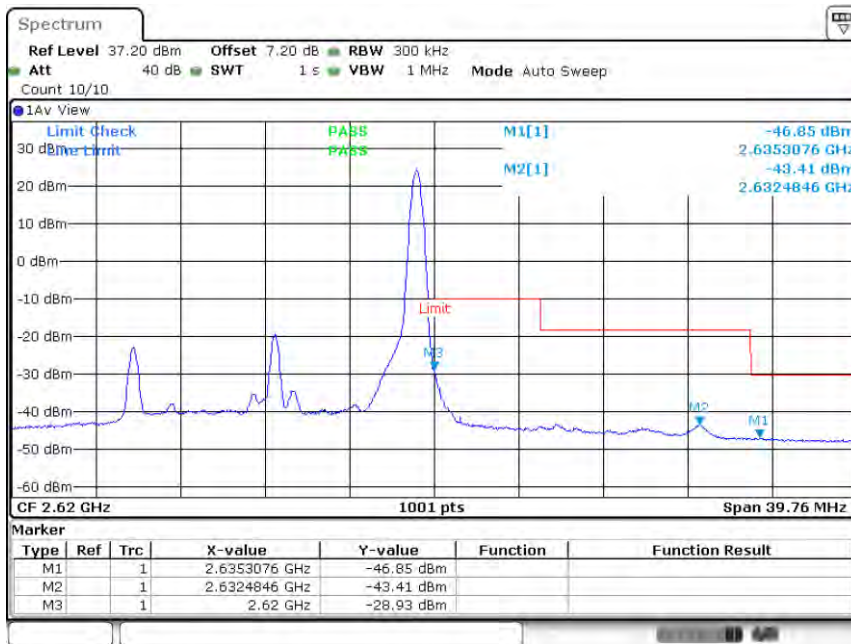


**Band38-15MHz-QPSK-37825-75RB#0**



Date: 22 MAR 2021 16:01:09

**Band38-15MHz-QPSK-38175-1RB#74**



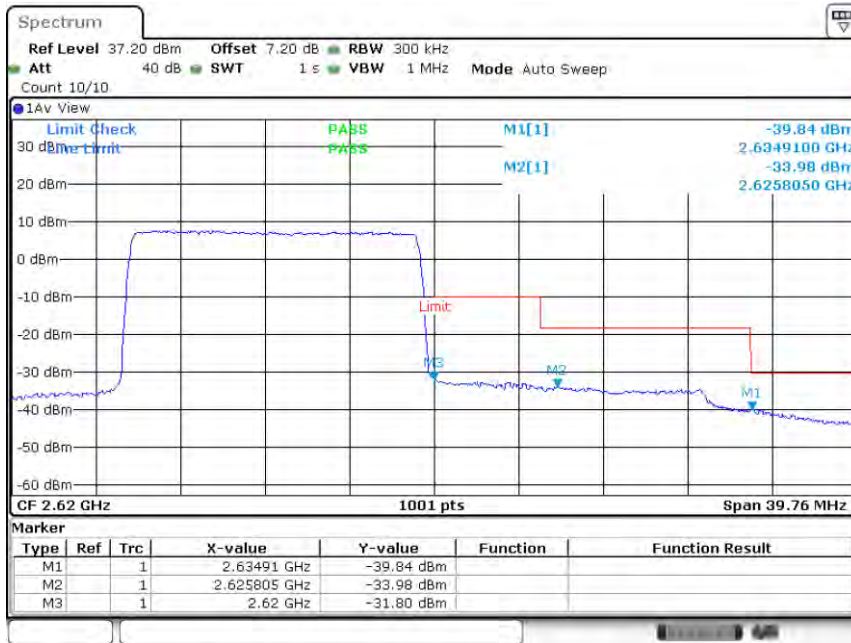
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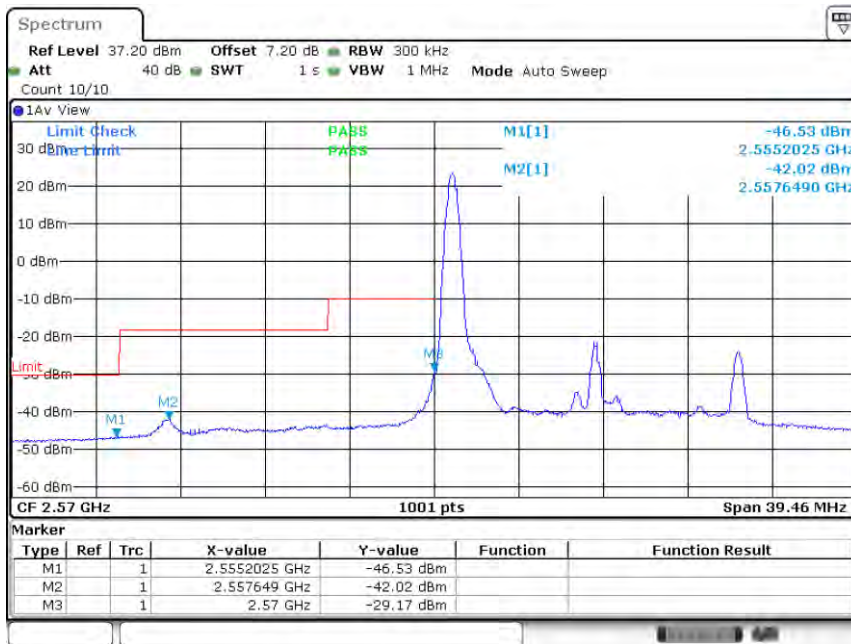


**Band38-15MHz-QPSK-38175-75RB#0**



Date: 22 MAR 2021 16:01:53

**Band38-15MHz-16QAM-37825-1RB#0**



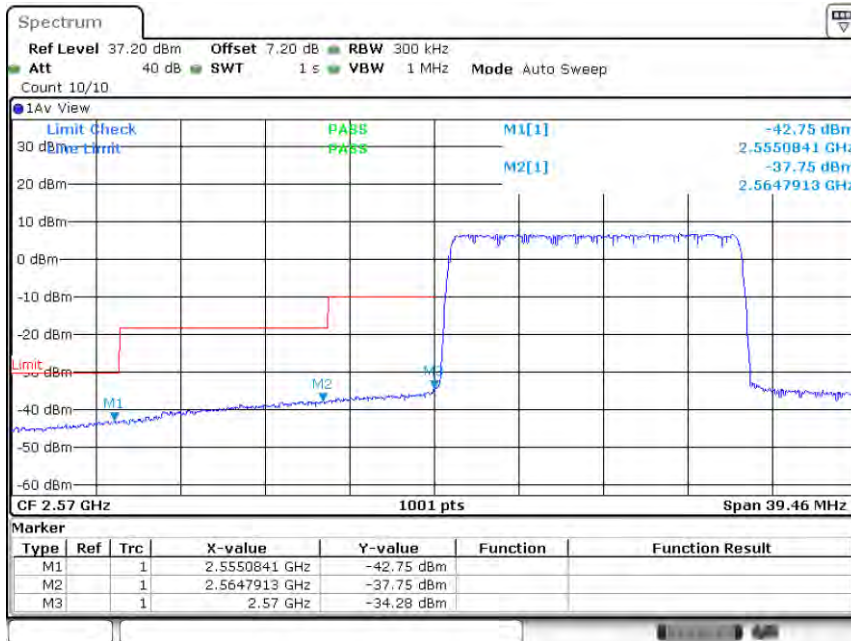
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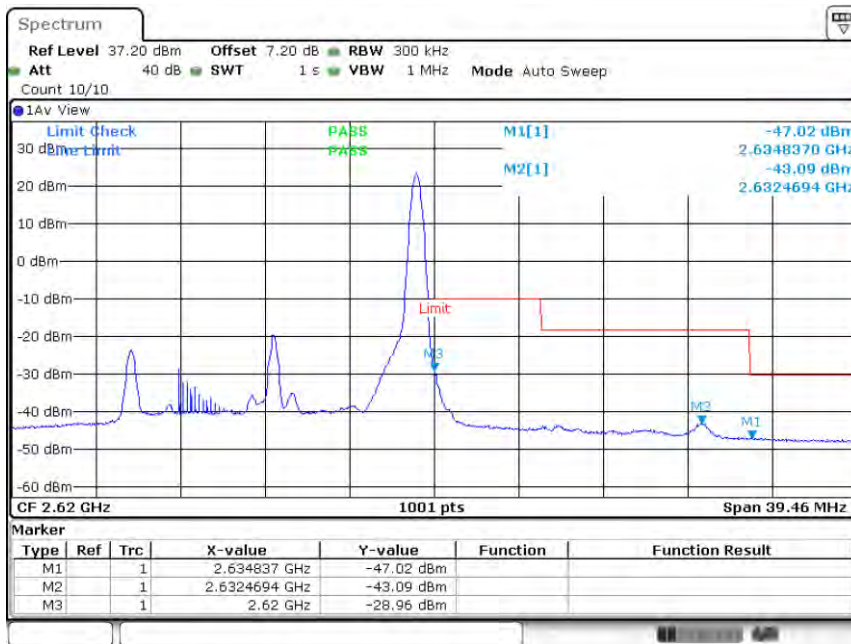


Band38-15MHz-16QAM-37825-75RB#0



Date: 22 MAR 2021 16:01:31

Band38-15MHz-16QAM-38175-1RB#74



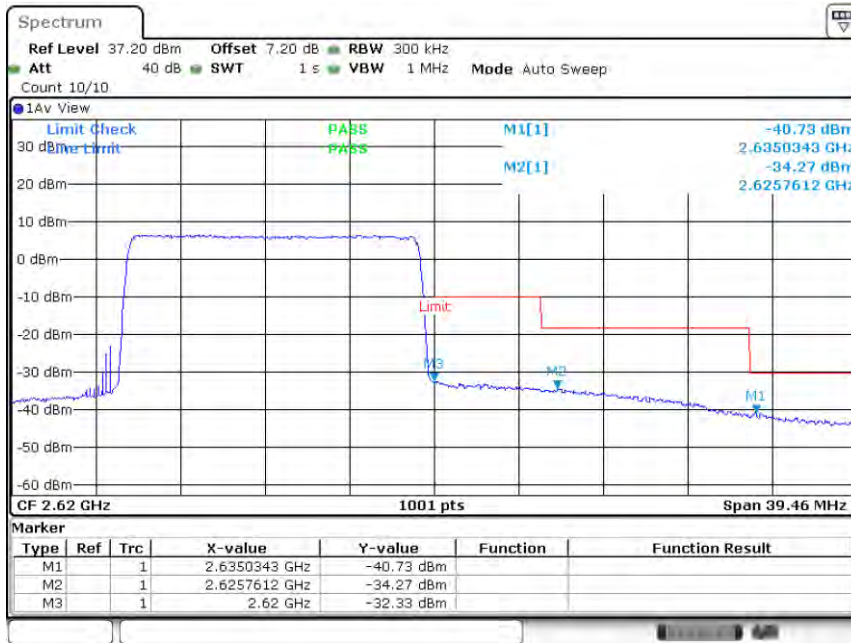
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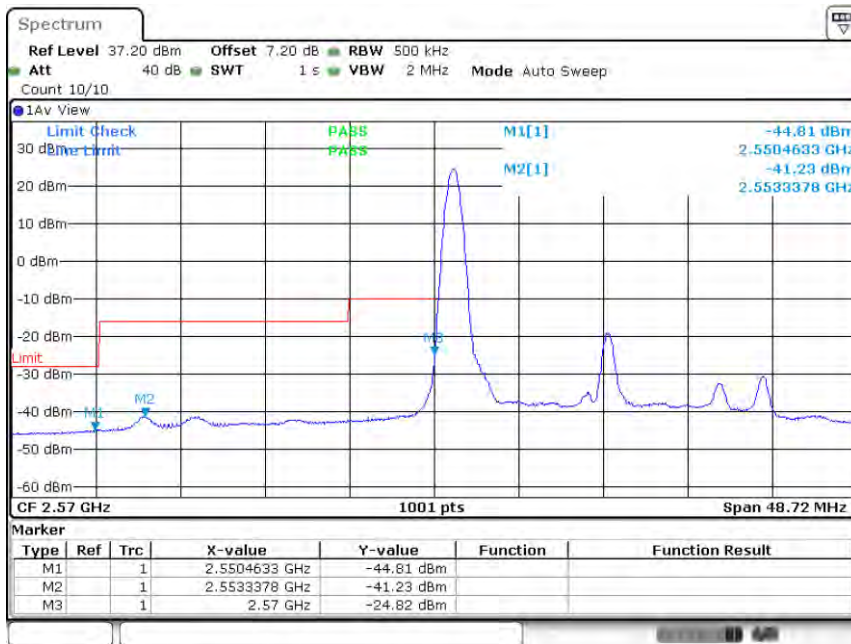


**Band38-15MHz-16QAM-38175-75RB#0**



Date: 22 MAR 2021 16:02:15

**Band38-20MHz-QPSK-37850-1RB#0**



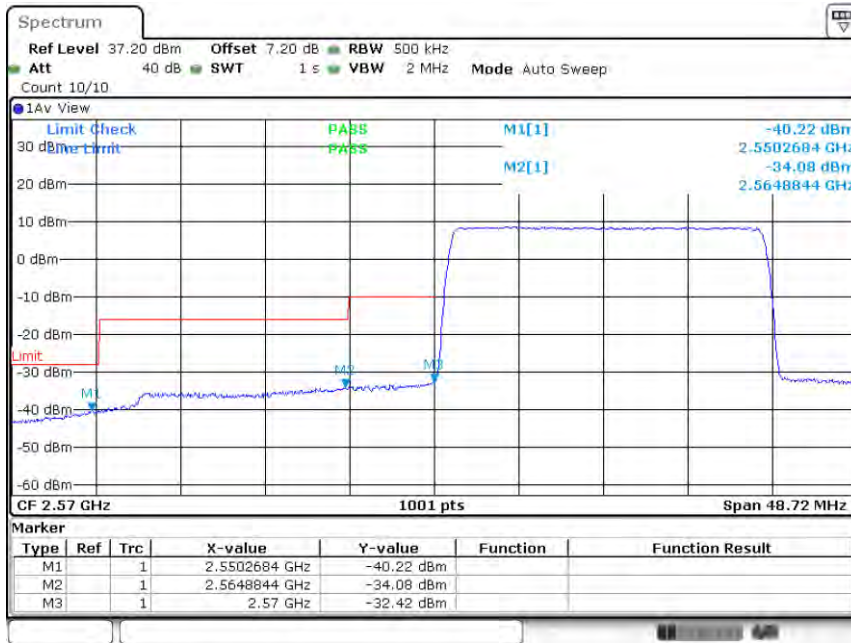
Date: 22 MAR 2021 16:02:42



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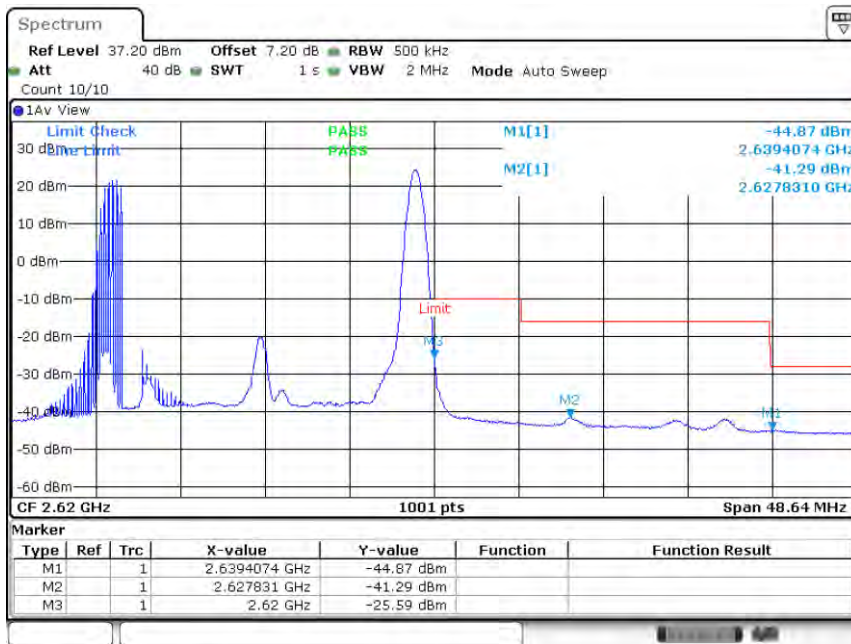


**Band38-20MHz-QPSK-37850-100RB#0**



Date: 22 MAR 2021 16:04:17

**Band38-20MHz-QPSK-38150-1RB#99**



Date: 22 MAR 2021 16:03:30

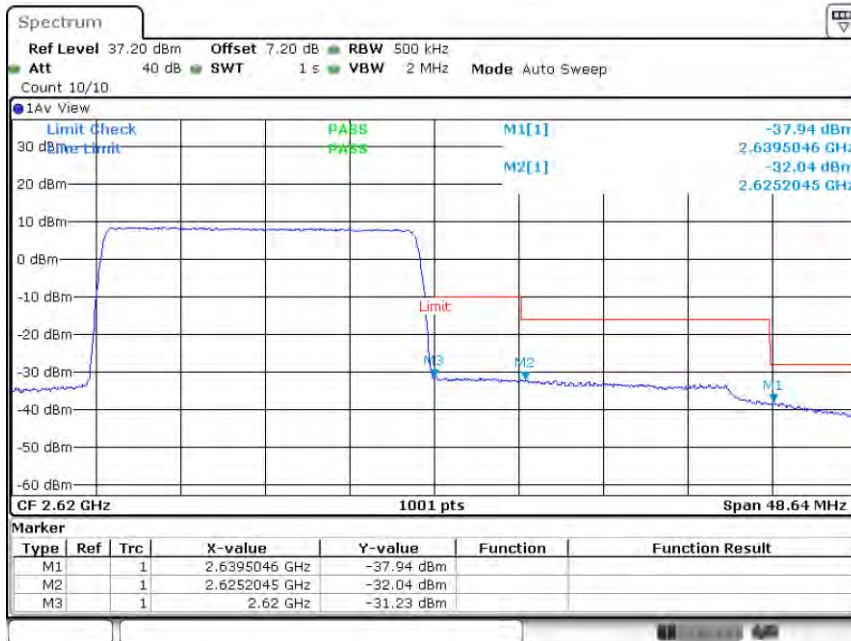


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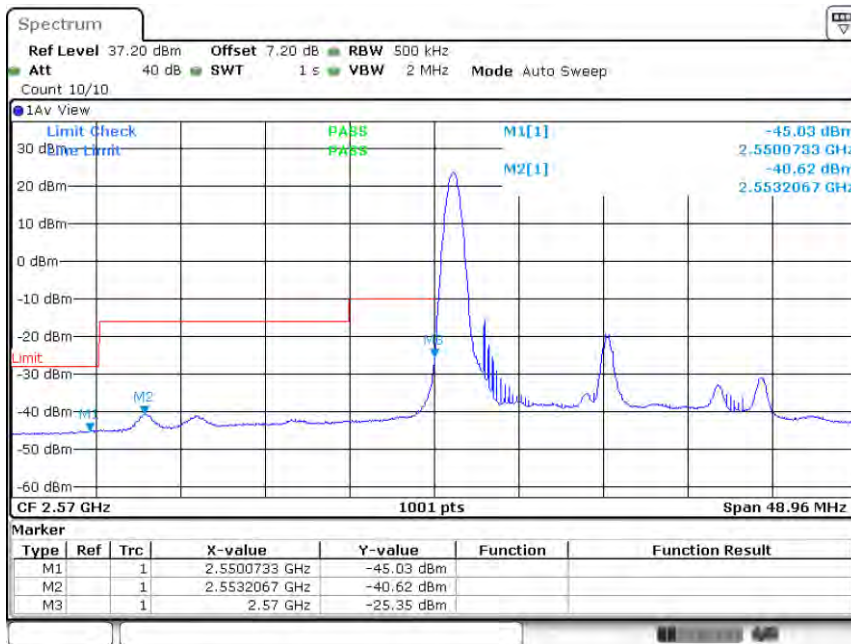
No.1 Workshop, M-10, Middle Section, Science & Technology Park, Shenzhen, China 518057 t (86-755) 26012053 f (86-755) 26710594 www.sgs.com.cn  
 中国·深圳·科技园中区M-10栋一号厂房 邮编: 518057 t (86-755) 26012053 f (86-755) 26710594 sgs.china@sgs.com

**Band38-20MHz-QPSK-38150-100RB#0**



Date: 22 MAR 2021 16:05:01

**Band38-20MHz-16QAM-37850-1RB#0**



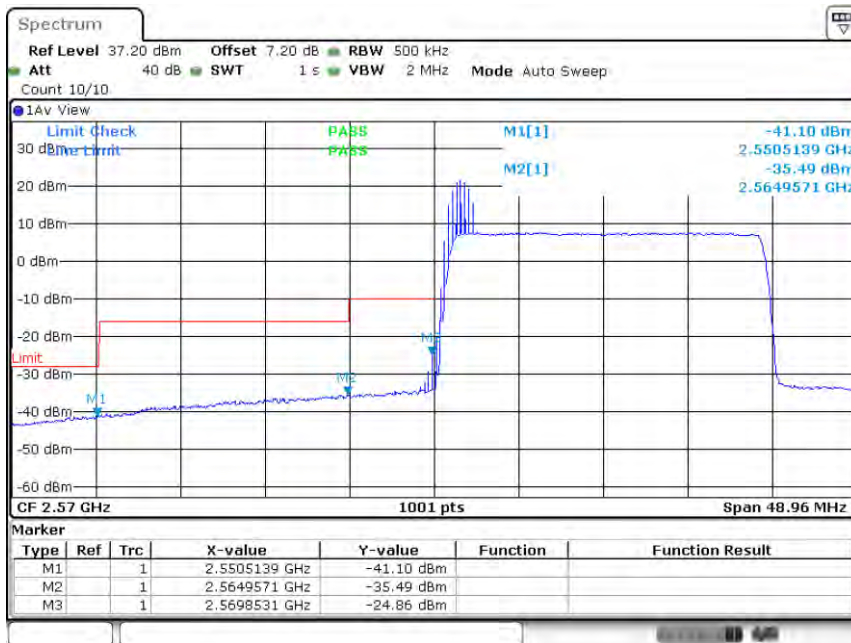
Date: 22 MAR 2021 16:03:04



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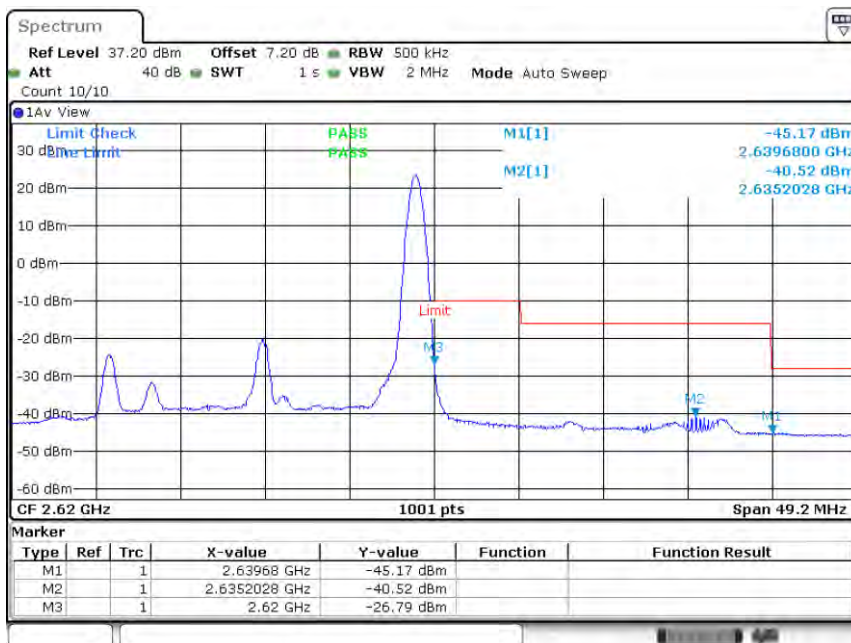


**Band38-20MHz-16QAM-37850-100RB#0**



Date: 22 MAR 2021 16:04:39

**Band38-20MHz-16QAM-38150-1RB#99**



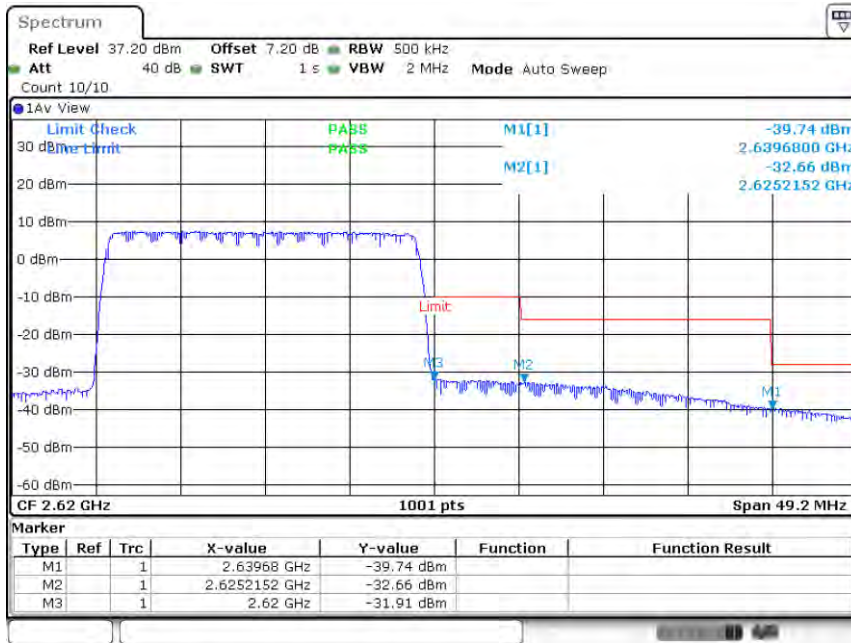
Date: 22 MAR 2021 16:03:51



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**Band38-20MHz-16QAM-38150-100RB#0**



Date: 22 MAR 2021 16:05:23



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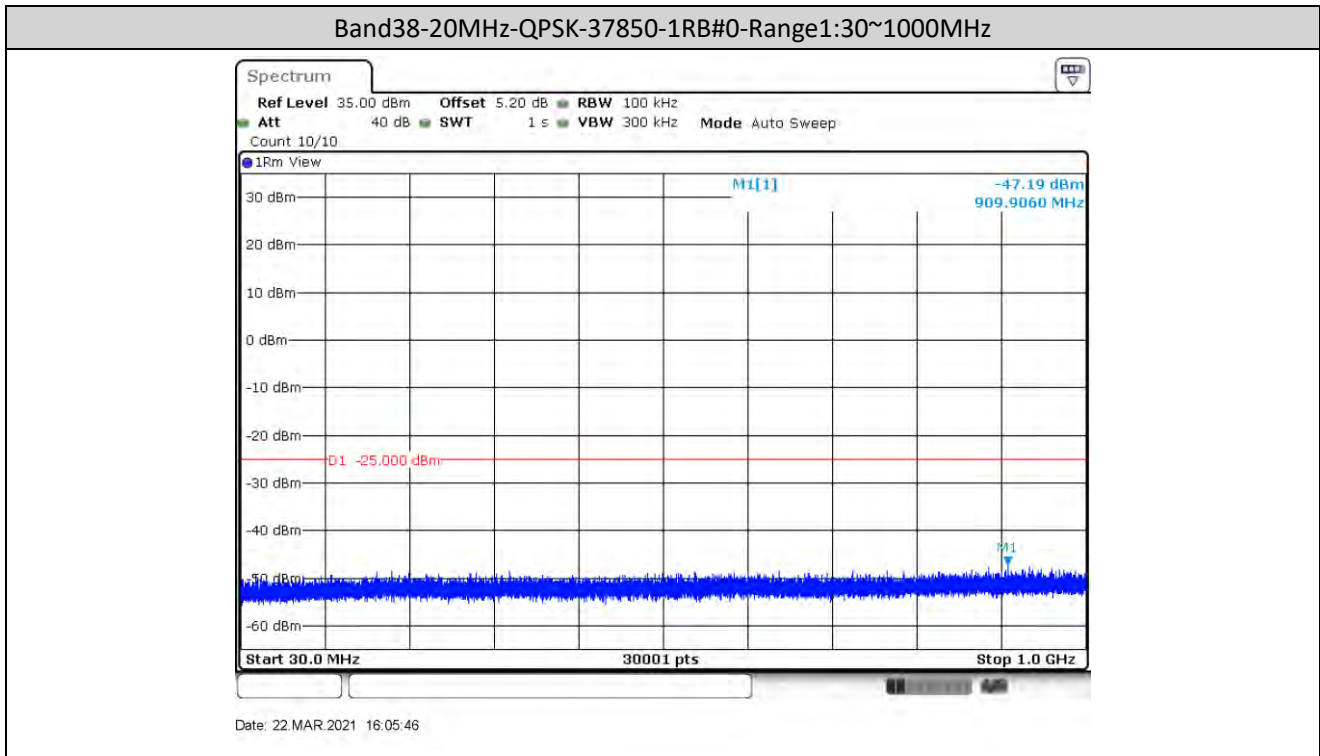
## 6. Spurious Emission at Antenna Terminal

Remark1: For the averaged unwanted emissions measurements, the measurement points in each sweep is greater than twice the Span/RBW in order to ensure bin-to-bin spacing of  $< RBW/2$  so that narrowband signals are not lost between frequency bins. As to the present test item, the "Measurement Points =  $k * (Span / RBW)$ " with  $k$  between 4 and 5, which results in an acceptable level error of less than 0.5 dB.

Remark2: According to 971168 D01 Power Meas License Digital Systems, The amplitudes of unwanted emissions that are attenuated more than 20 dB below the applicable limit are not required to be reported.

Remark3: The disturbance below 30MHz was very low, and the above harmonics were the highest point could be found when testing, so only the worst case data had been displayed.

### 6.1. Test Plots

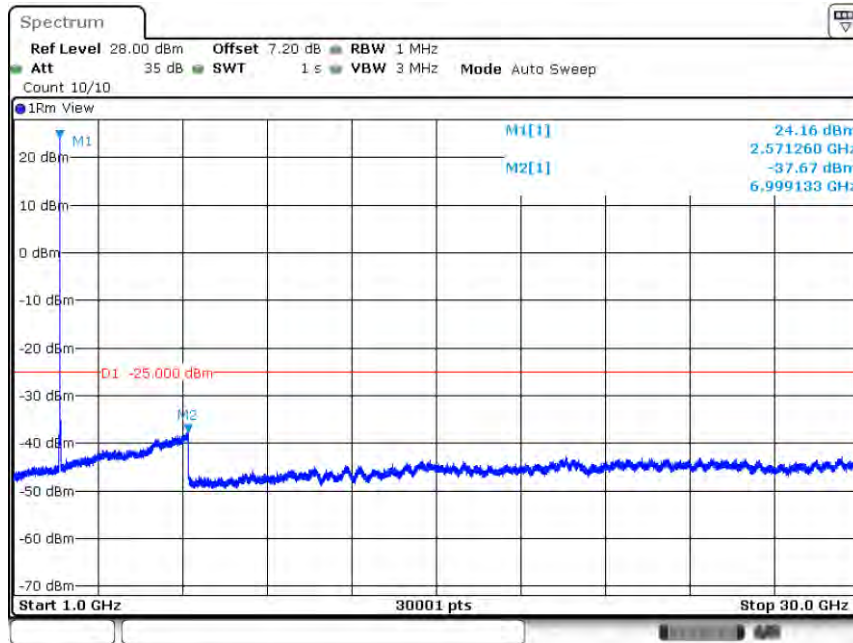


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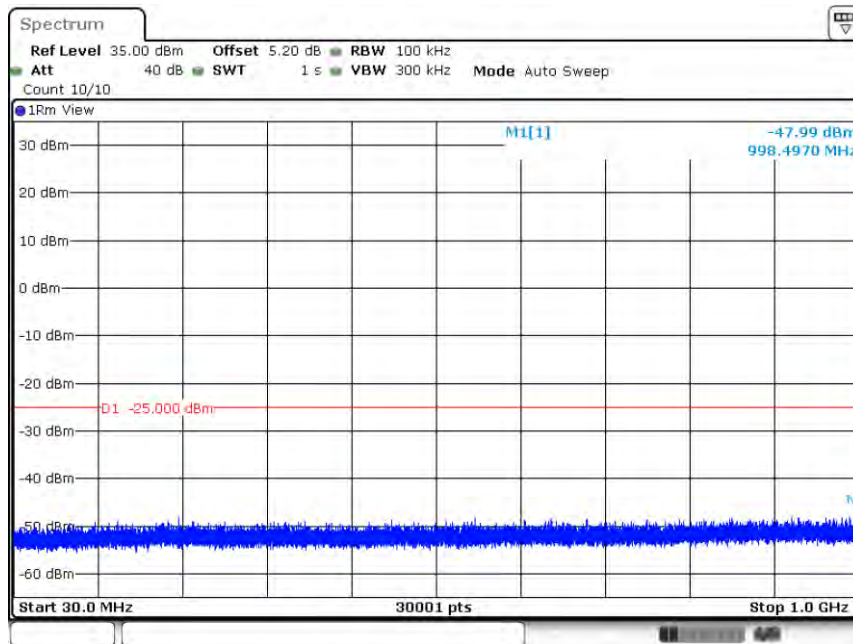


**Band38-20MHz-QPSK-37850-1RB#0-Range2:1000~30000MHz**



Date: 22.MAR.2021 16:06:02

**Band38-20MHz-QPSK-38000-1RB#0-Range1:30~1000MHz**

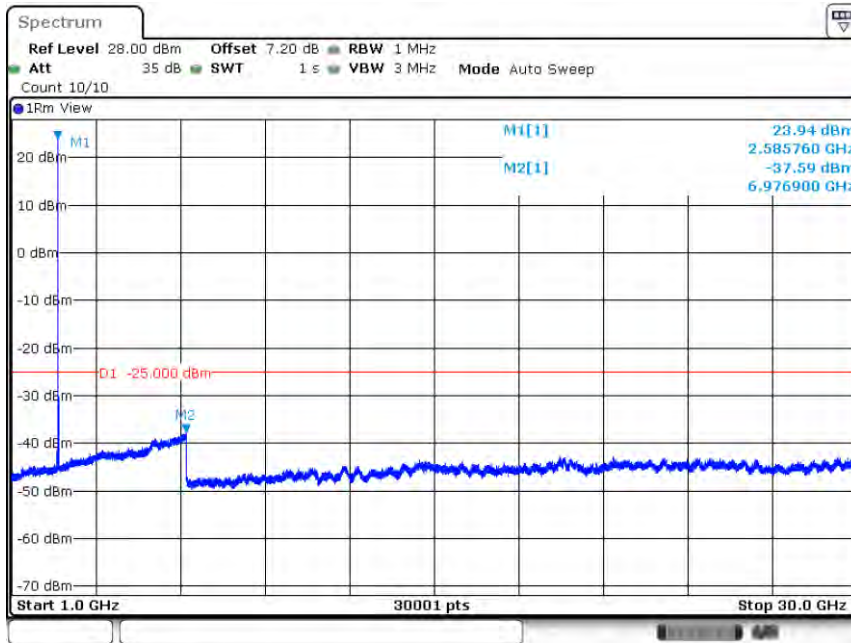


Date: 22.MAR.2021 16:06:56



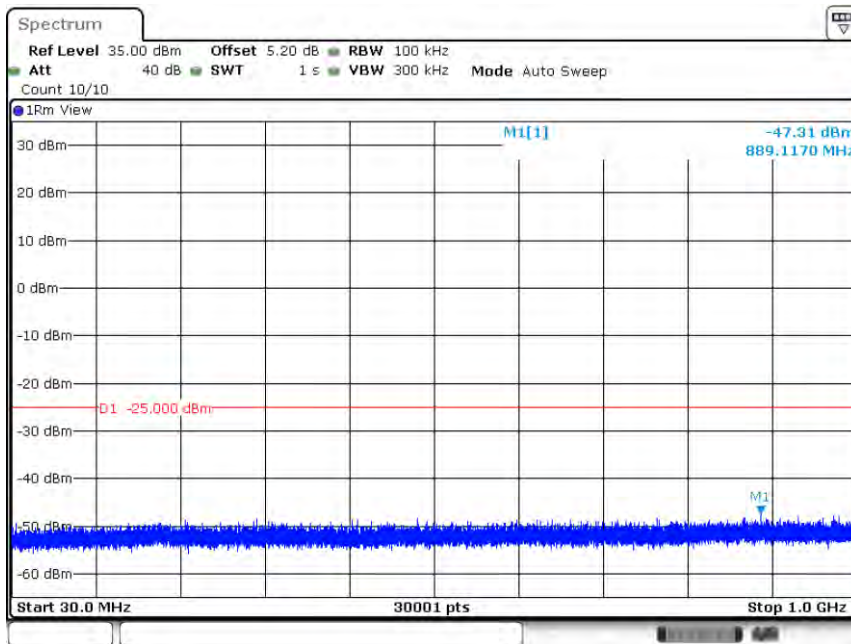
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**Band38-20MHz-QPSK-38000-1RB#0-Range2:1000~30000MHz**



Date: 22 MAR 2021 16:07:12

**Band38-20MHz-QPSK-38150-1RB#0-Range1:30~1000MHz**



Date: 22 MAR 2021 16:08:07

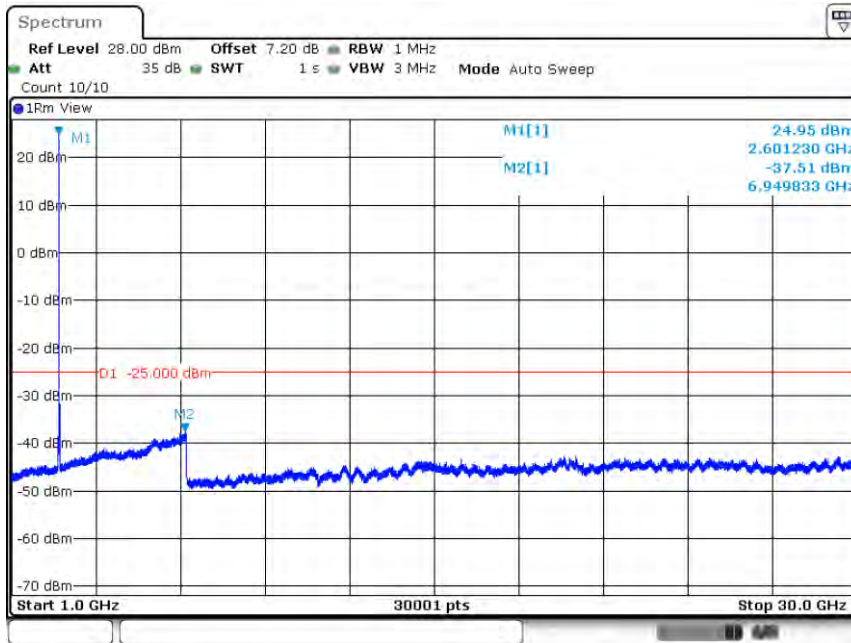


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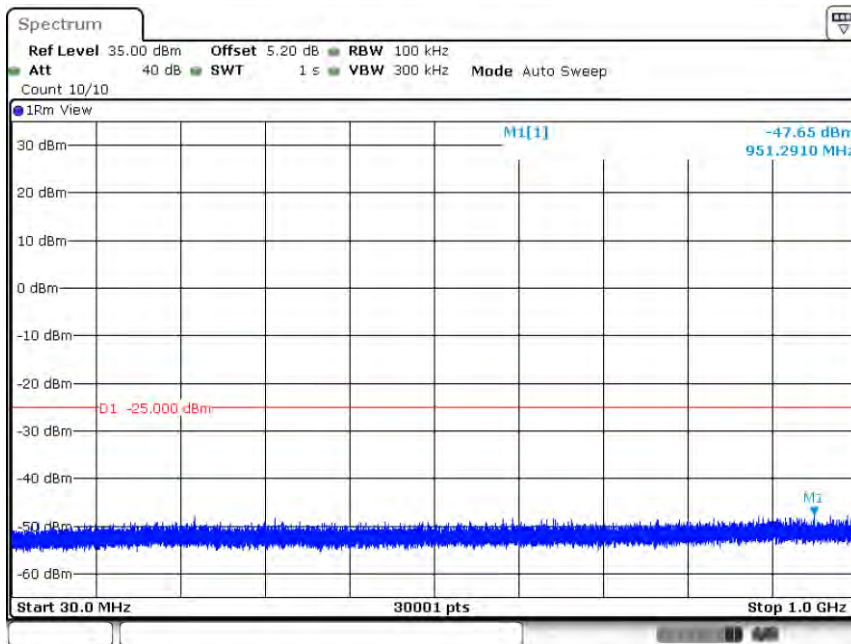


**Band38-20MHz-QPSK-38150-1RB#0-Range2:1000~30000MHz**



Date: 22.MAR.2021 16:08:23

**Band38-20MHz-16QAM-37850-1RB#0-Range1:30~1000MHz**

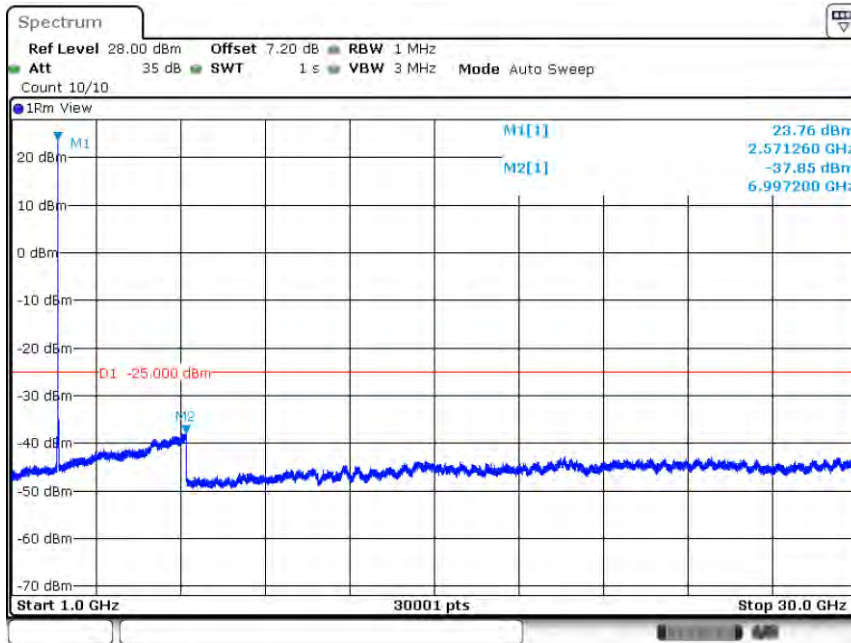


Date: 22.MAR.2021 16:06:21



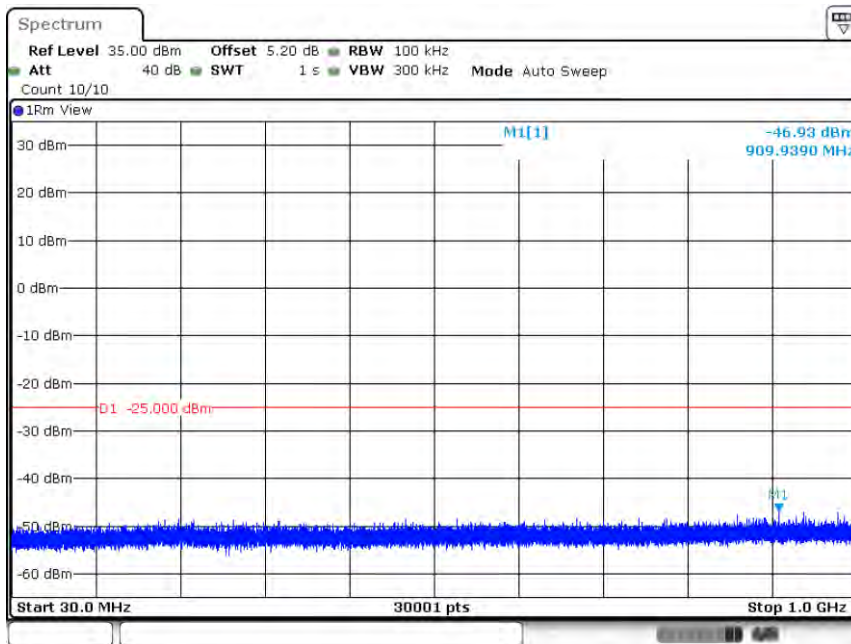
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**Band38-20MHz-16QAM-37850-1RB#0-Range2:1000~30000MHz**



Date: 22.MAR.2021 16:06:37

**Band38-20MHz-16QAM-38000-1RB#0-Range1:30~1000MHz**



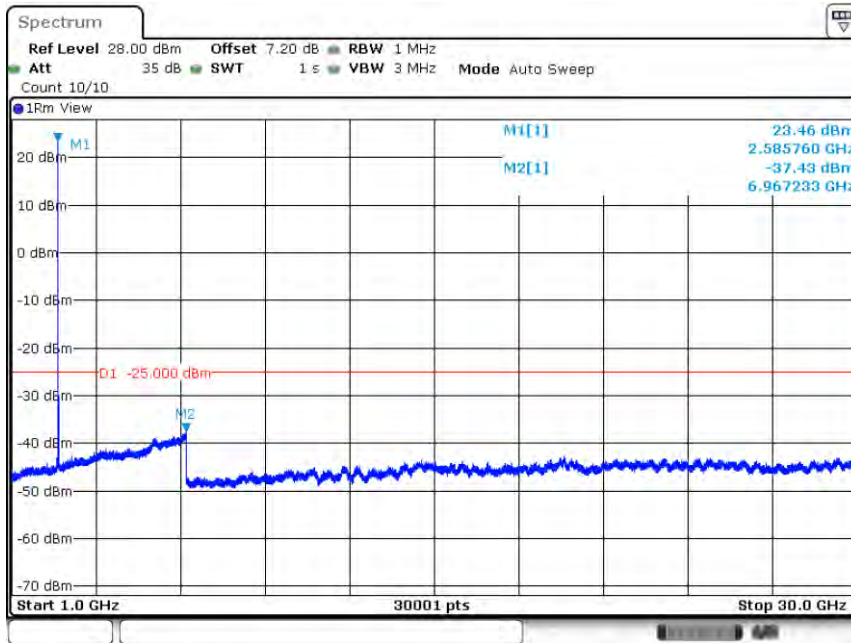
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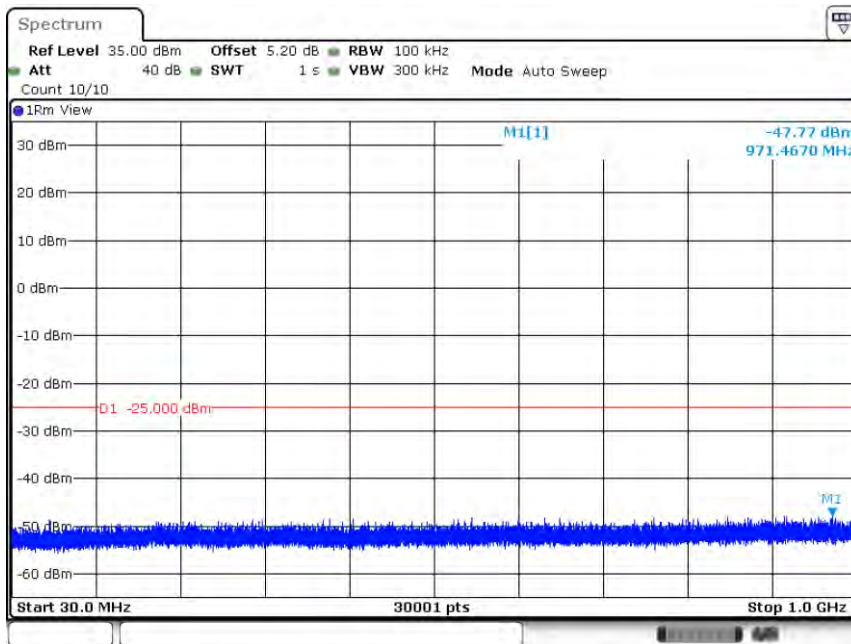


**Band38-20MHz-16QAM-38000-1RB#0-Range2:1000~30000MHz**



Date: 22 MAR 2021 16:07:47

**Band38-20MHz-16QAM-38150-1RB#0-Range1:30~1000MHz**



Date: 22 MAR 2021 16:08:42

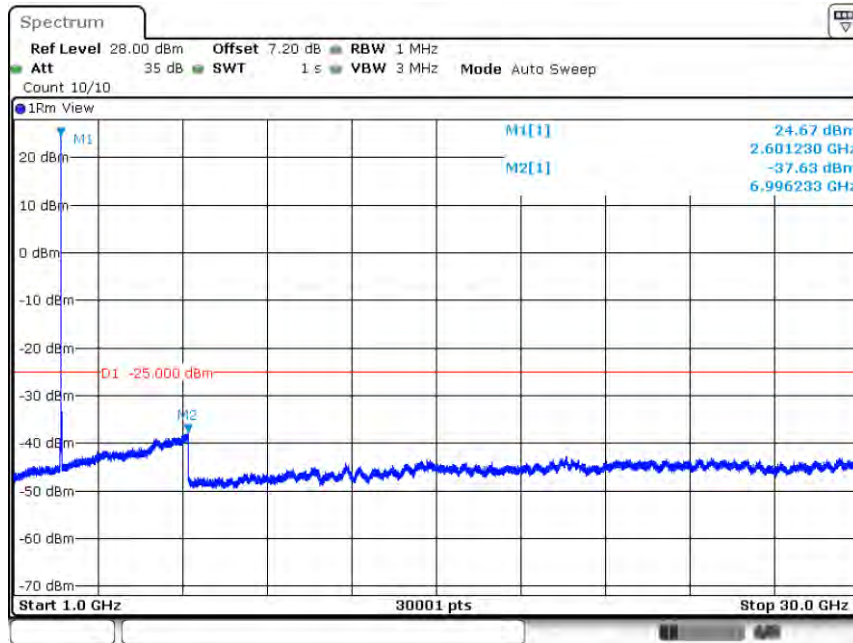


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**Band38-20MHz-16QAM-38150-1RB#0-Range2:1000~30000MHz**



Date: 22.MAR.2021 16:08:58



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## 7. Frequency Stability

### 7.1. Frequency Vs Voltage

Band	Bandwidth	Modulation	Channel	RB Configure	Voltage [Vdc]	Temperature (°C)	Deviation (Hz)	Deviation (ppm)	Limit (ppm)	Verdict
Band38	20MHz	QPSK	37850	100RB#0	VL	NT	-3.90	-0.001512	±2.5	PASS
Band38	20MHz	QPSK	37850	100RB#0	VN	NT	5.70	0.002209	±2.5	PASS
Band38	20MHz	QPSK	37850	100RB#0	VH	NT	-11.00	-0.004264	±2.5	PASS
Band38	20MHz	QPSK	38000	100RB#0	VL	NT	-1.10	-0.000424	±2.5	PASS
Band38	20MHz	QPSK	38000	100RB#0	VN	NT	0.60	0.000231	±2.5	PASS
Band38	20MHz	QPSK	38000	100RB#0	VH	NT	-4.60	-0.001773	±2.5	PASS
Band38	20MHz	QPSK	38150	100RB#0	VL	NT	0.80	0.000307	±2.5	PASS
Band38	20MHz	QPSK	38150	100RB#0	VN	NT	-3.40	-0.001303	±2.5	PASS
Band38	20MHz	QPSK	38150	100RB#0	VH	NT	-7.90	-0.003027	±2.5	PASS
Band38	20MHz	16QAM	37850	100RB#0	VL	NT	2.20	0.000853	±2.5	PASS
Band38	20MHz	16QAM	37850	100RB#0	VN	NT	-7.20	-0.002791	±2.5	PASS
Band38	20MHz	16QAM	37850	100RB#0	VH	NT	4.30	0.001667	±2.5	PASS
Band38	20MHz	16QAM	38000	100RB#0	VL	NT	-6.00	-0.002312	±2.5	PASS
Band38	20MHz	16QAM	38000	100RB#0	VN	NT	-1.10	-0.000424	±2.5	PASS
Band38	20MHz	16QAM	38000	100RB#0	VH	NT	-11.10	-0.004277	±2.5	PASS
Band38	20MHz	16QAM	38150	100RB#0	VL	NT	-3.60	-0.001379	±2.5	PASS
Band38	20MHz	16QAM	38150	100RB#0	VN	NT	2.80	0.001073	±2.5	PASS
Band38	20MHz	16QAM	38150	100RB#0	VH	NT	4.80	0.001839	±2.5	PASS



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## 7.2. Frequency Vs Temperature

Band	Bandwidth	Modulation	Channel	RB Configure	Voltage [Vdc]	Temperature (°C)	Deviation (Hz)	Deviation (ppm)	Limit (ppm)	Verdict
Band38	20MHz	QPSK	37850	100RB#0	NV	-30	-8.70	-0.003372	±2.5	PASS
Band38	20MHz	QPSK	37850	100RB#0	NV	-20	-3.40	-0.001318	±2.5	PASS
Band38	20MHz	QPSK	37850	100RB#0	NV	-10	1.40	0.000543	±2.5	PASS
Band38	20MHz	QPSK	37850	100RB#0	NV	0	-10.70	-0.004147	±2.5	PASS
Band38	20MHz	QPSK	37850	100RB#0	NV	10	2.40	0.000930	±2.5	PASS
Band38	20MHz	QPSK	37850	100RB#0	NV	20	11.50	0.004457	±2.5	PASS
Band38	20MHz	QPSK	37850	100RB#0	NV	30	-3.50	-0.001357	±2.5	PASS
Band38	20MHz	QPSK	37850	100RB#0	NV	40	-2.30	-0.000891	±2.5	PASS
Band38	20MHz	QPSK	37850	100RB#0	NV	50	-6.70	-0.002597	±2.5	PASS
Band38	20MHz	QPSK	38000	100RB#0	NV	-30	-11.60	-0.004470	±2.5	PASS
Band38	20MHz	QPSK	38000	100RB#0	NV	-20	-1.10	-0.000424	±2.5	PASS
Band38	20MHz	QPSK	38000	100RB#0	NV	-10	-2.20	-0.000848	±2.5	PASS
Band38	20MHz	QPSK	38000	100RB#0	NV	0	-1.10	-0.000424	±2.5	PASS
Band38	20MHz	QPSK	38000	100RB#0	NV	10	-6.90	-0.002659	±2.5	PASS
Band38	20MHz	QPSK	38000	100RB#0	NV	20	4.60	0.001773	±2.5	PASS
Band38	20MHz	QPSK	38000	100RB#0	NV	30	-3.90	-0.001503	±2.5	PASS
Band38	20MHz	QPSK	38000	100RB#0	NV	40	-7.20	-0.002775	±2.5	PASS
Band38	20MHz	QPSK	38000	100RB#0	NV	50	-5.10	-0.001965	±2.5	PASS
Band38	20MHz	QPSK	38150	100RB#0	NV	-30	-7.10	-0.002720	±2.5	PASS
Band38	20MHz	QPSK	38150	100RB#0	NV	-20	-8.70	-0.003333	±2.5	PASS
Band38	20MHz	QPSK	38150	100RB#0	NV	-10	1.90	0.000728	±2.5	PASS
Band38	20MHz	QPSK	38150	100RB#0	NV	0	-6.90	-0.002659	±2.5	FAIL
Band38	20MHz	QPSK	38150	100RB#0	NV	10	-9.30	-0.003563	±2.5	PASS
Band38	20MHz	QPSK	38150	100RB#0	NV	20	-5.80	-0.002222	±2.5	PASS
Band38	20MHz	QPSK	38150	100RB#0	NV	30	0.20	0.000077	±2.5	PASS
Band38	20MHz	QPSK	38150	100RB#0	NV	40	0.10	0.000038	±2.5	PASS
Band38	20MHz	QPSK	38150	100RB#0	NV	50	-5.60	-0.002146	±2.5	PASS
Band38	20MHz	16QAM	37850	100RB#0	NV	-30	4.20	0.001628	±2.5	PASS
Band38	20MHz	16QAM	37850	100RB#0	NV	-20	-5.80	-0.002248	±2.5	PASS
Band38	20MHz	16QAM	37850	100RB#0	NV	-10	-5.80	-0.002248	±2.5	PASS
Band38	20MHz	16QAM	37850	100RB#0	NV	0	-10.10	-0.003915	±2.5	PASS
Band38	20MHz	16QAM	37850	100RB#0	NV	10	5.20	0.002016	±2.5	PASS
Band38	20MHz	16QAM	37850	100RB#0	NV	20	3.30	0.001279	±2.5	PASS
Band38	20MHz	16QAM	37850	100RB#0	NV	30	-12.30	-0.004767	±2.5	PASS



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Band38	20MHz	16QAM	37850	100RB#0	NV	40	-1.30	-0.000504	±2.5	PASS
Band38	20MHz	16QAM	37850	100RB#0	NV	50	-1.10	-0.000426	±2.5	PASS
Band38	20MHz	16QAM	38000	100RB#0	NV	-30	-3.60	-0.001387	±2.5	PASS
Band38	20MHz	16QAM	38000	100RB#0	NV	-20	-3.90	-0.001503	±2.5	PASS
Band38	20MHz	16QAM	38000	100RB#0	NV	-10	-6.80	-0.002620	±2.5	PASS
Band38	20MHz	16QAM	38000	100RB#0	NV	0	-7.50	-0.002890	±2.5	PASS
Band38	20MHz	16QAM	38000	100RB#0	NV	10	-3.20	-0.001233	±2.5	PASS
Band38	20MHz	16QAM	38000	100RB#0	NV	20	3.30	0.001272	±2.5	PASS
Band38	20MHz	16QAM	38000	100RB#0	NV	30	-3.30	-0.001272	±2.5	PASS
Band38	20MHz	16QAM	38000	100RB#0	NV	40	-0.90	-0.000347	±2.5	PASS
Band38	20MHz	16QAM	38000	100RB#0	NV	50	-7.80	-0.003006	±2.5	PASS
Band38	20MHz	16QAM	38150	100RB#0	NV	-30	-5.70	-0.002184	±2.5	PASS
Band38	20MHz	16QAM	38150	100RB#0	NV	-20	-13.00	-0.004981	±2.5	PASS
Band38	20MHz	16QAM	38150	100RB#0	NV	-10	3.30	0.001264	±2.5	PASS
Band38	20MHz	16QAM	38150	100RB#0	NV	0	1.80	0.000690	±2.5	PASS
Band38	20MHz	16QAM	38150	100RB#0	NV	10	-0.50	-0.000192	±2.5	PASS
Band38	20MHz	16QAM	38150	100RB#0	NV	20	-1.60	-0.000613	±2.5	PASS
Band38	20MHz	16QAM	38150	100RB#0	NV	30	1.10	0.000421	±2.5	PASS
Band38	20MHz	16QAM	38150	100RB#0	NV	40	0.70	0.000268	±2.5	PASS
Band38	20MHz	16QAM	38150	100RB#0	NV	50	-8.30	-0.003180	±2.5	PASS



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