Appendix B

E-UTRA Band 38

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1 Effective (Isotropic) Radiated Power

Test Result

Band	Bandwidth	Modulation	Channel	RB Config.	Result (dBm)	EIRP (dBm)	Limit (dBm)	Verdict
Band38	5MHz	QPSK	37775	1RB#0	23.31	23.94	33.00	PASS
Band38	5MHz	QPSK	37775	1RB#12	23.12	23.75	33.00	PASS
Band38	5MHz	QPSK	37775	1RB#24	23.12	23.75	33.00	PASS
Band38	5MHz	QPSK	37775	12RB#0	22.36	22.99	33.00	PASS
Band38	5MHz	QPSK	37775	12RB#6	22.40	23.03	33.00	PASS
Band38	5MHz	QPSK	37775	12RB#13	22.38	23.01	33.00	PASS
Band38	5MHz	QPSK	37775	25RB#0	22.39	23.02	33.00	PASS
Band38	5MHz	QPSK	38000	1RB#0	23.20	23.83	33.00	PASS
Band38	5MHz	QPSK	38000	1RB#12	23.28	23.91	33.00	PASS
Band38	5MHz	QPSK	38000	1RB#24	23.23	23.86	33.00	PASS
Band38	5MHz	QPSK	38000	12RB#0	22.33	22.96	33.00	PASS
Band38	5MHz	QPSK	38000	12RB#6	22.39	23.02	33.00	PASS
Band38	5MHz	QPSK	38000	12RB#13	22.32	22.95	33.00	PASS
Band38	5MHz	QPSK	38000	25RB#0	22.29	22.92	33.00	PASS
Band38	5MHz	QPSK	38225	1RB#0	22.98	23.61	33.00	PASS
Band38	5MHz	QPSK	38225	1RB#12	22.88	23.51	33.00	PASS
Band38	5MHz	QPSK	38225	1RB#24	22.68	23.31	33.00	PASS
Band38	5MHz	QPSK	38225	12RB#0	22.10	22.73	33.00	PASS
Band38	5MHz	QPSK	38225	12RB#6	22.03	22.66	33.00	PASS
Band38	5MHz	QPSK	38225	12RB#13	21.93	22.56	33.00	PASS
Band38	5MHz	QPSK	38225	25RB#0	22.06	22.69	33.00	PASS
Band38	5MHz	16QAM	37775	1RB#0	22.14	22.77	33.00	PASS
Band38	5MHz	16QAM	37775	1RB#12	22.16	22.79	33.00	PASS
Band38	5MHz	16QAM	37775	1RB#24	22.17	22.80	33.00	PASS
Band38	5MHz	16QAM	37775	12RB#0	21.36	21.99	33.00	PASS
Band38	5MHz	16QAM	37775	12RB#6	21.38	22.01	33.00	PASS
Band38	5MHz	16QAM	37775	12RB#13	21.44	22.07	33.00	PASS
Band38	5MHz	16QAM	37775	25RB#0	21.64	22.27	33.00	PASS
Band38	5MHz	16QAM	38000	1RB#0	22.07	22.70	33.00	PASS
Band38	5MHz	16QAM	38000	1RB#12	22.22	22.85	33.00	PASS
Band38	5MHz	16QAM	38000	1RB#24	22.20	22.83	33.00	PASS
Band38	5MHz	16QAM	38000	12RB#0	21.35	21.98	33.00	PASS

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Band38	5MHz	16QAM	38000	12RB#6	21.37	22.00	33.00	PASS
Band38	5MHz	16QAM	38000	12RB#13	21.24	21.87	33.00	PASS
Band38	5MHz	16QAM	38000	25RB#0	21.44	22.07	33.00	PASS
Band38	5MHz	16QAM	38225	1RB#0	21.83	22.46	33.00	PASS
Band38	5MHz	16QAM	38225	1RB#12	21.53	22.16	33.00	PASS
Band38	5MHz	16QAM	38225	1RB#24	21.66	22.29	33.00	PASS
Band38	5MHz	16QAM	38225	12RB#0	21.02	21.65	33.00	PASS
Band38	5MHz	16QAM	38225	12RB#6	21.08	21.71	33.00	PASS
Band38	5MHz	16QAM	38225	12RB#13	20.98	21.61	33.00	PASS
Band38	5MHz	16QAM	38225	25RB#0	21.17	21.80	33.00	PASS
Band38	5MHz	64QAM	37775	1RB#0	21.29	21.92	33.00	PASS
Band38	5MHz	64QAM	37775	1RB#12	21.03	21.66	33.00	PASS
Band38	5MHz	64QAM	37775	1RB#24	21.05	21.68	33.00	PASS
Band38	5MHz	64QAM	37775	12RB#0	20.31	20.94	33.00	PASS
Band38	5MHz	64QAM	37775	12RB#6	20.35	20.98	33.00	PASS
Band38	5MHz	64QAM	37775	12RB#13	20.34	20.97	33.00	PASS
Band38	5MHz	64QAM	37775	25RB#0	20.39	21.02	33.00	PASS
Band38	5MHz	64QAM	38000	1RB#0	21.13	21.76	33.00	PASS
Band38	5MHz	64QAM	38000	1RB#12	21.25	21.88	33.00	PASS
Band38	5MHz	64QAM	38000	1RB#24	21.14	21.77	33.00	PASS
Band38	5MHz	64QAM	38000	12RB#0	20.24	20.87	33.00	PASS
Band38	5MHz	64QAM	38000	12RB#6	20.39	21.02	33.00	PASS
Band38	5MHz	64QAM	38000	12RB#13	20.23	20.86	33.00	PASS
Band38	5MHz	64QAM	38000	25RB#0	20.29	20.92	33.00	PASS
Band38	5MHz	64QAM	38225	1RB#0	20.95	21.58	33.00	PASS
Band38	5MHz	64QAM	38225	1RB#12	20.78	21.41	33.00	PASS
Band38	5MHz	64QAM	38225	1RB#24	20.58	21.21	33.00	PASS
Band38	5MHz	64QAM	38225	12RB#0	20.00	20.63	33.00	PASS
Band38	5MHz	64QAM	38225	12RB#6	20.02	20.65	33.00	PASS
Band38	5MHz	64QAM	38225	12RB#13	19.90	20.53	33.00	PASS
Band38	5MHz	64QAM	38225	25RB#0	19.98	20.61	33.00	PASS
Band38	10MHz	QPSK	37800	1RB#0	23.33	23.96	33.00	PASS
Band38	10MHz	QPSK	37800	1RB#24	23.39	24.02	33.00	PASS
Band38	10MHz	QPSK	37800	1RB#49	23.31	23.94	33.00	PASS
Band38	10MHz	QPSK	37800	25RB#0	22.39	23.02	33.00	PASS
Band38	10MHz	QPSK	37800	25RB#12	22.50	23.13	33.00	PASS
Band38	10MHz	QPSK	37800	25RB#25	22.44	23.07	33.00	PASS
Band38	10MHz	QPSK	37800	50RB#0	22.40	23.03	33.00	PASS

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Band38	10MHz	QPSK	38000	1RB#0	22.95	23.58	33.00	PASS
Band38	10MHz	QPSK	38000	1RB#24	23.49	24.12	33.00	PASS
Band38	10MHz	QPSK	38000	1RB#49	23.38	24.01	33.00	PASS
Band38	10MHz	QPSK	38000	25RB#0	22.31	22.94	33.00	PASS
Band38	10MHz	QPSK	38000	25RB#12	22.46	23.09	33.00	PASS
Band38	10MHz	QPSK	38000	25RB#25	22.42	23.05	33.00	PASS
Band38	10MHz	QPSK	38000	50RB#0	22.42	23.05	33.00	PASS
Band38	10MHz	QPSK	38200	1RB#0	23.06	23.69	33.00	PASS
Band38	10MHz	QPSK	38200	1RB#24	23.03	23.66	33.00	PASS
Band38	10MHz	QPSK	38200	1RB#49	22.91	23.54	33.00	PASS
Band38	10MHz	QPSK	38200	25RB#0	22.19	22.82	33.00	PASS
Band38	10MHz	QPSK	38200	25RB#12	22.01	22.64	33.00	PASS
Band38	10MHz	QPSK	38200	25RB#25	21.96	22.59	33.00	PASS
Band38	10MHz	QPSK	38200	50RB#0	21.99	22.62	33.00	PASS
Band38	10MHz	16QAM	37800	1RB#0	22.29	22.92	33.00	PASS
Band38	10MHz	16QAM	37800	1RB#24	22.28	22.91	33.00	PASS
Band38	10MHz	16QAM	37800	1RB#49	22.30	22.93	33.00	PASS
Band38	10MHz	16QAM	37800	25RB#0	21.70	22.33	33.00	PASS
Band38	10MHz	16QAM	37800	25RB#12	21.68	22.31	33.00	PASS
Band38	10MHz	16QAM	37800	25RB#25	21.74	22.37	33.00	PASS
Band38	10MHz	16QAM	37800	50RB#0	21.50	22.13	33.00	PASS
Band38	10MHz	16QAM	38000	1RB#0	22.18	22.81	33.00	PASS
Band38	10MHz	16QAM	38000	1RB#24	22.22	22.85	33.00	PASS
Band38	10MHz	16QAM	38000	1RB#49	22.14	22.77	33.00	PASS
Band38	10MHz	16QAM	38000	25RB#0	21.37	22.00	33.00	PASS
Band38	10MHz	16QAM	38000	25RB#12	21.41	22.04	33.00	PASS
Band38	10MHz	16QAM	38000	25RB#25	21.32	21.95	33.00	PASS
Band38	10MHz	16QAM	38000	50RB#0	21.42	22.05	33.00	PASS
Band38	10MHz	16QAM	38200	1RB#0	22.04	22.67	33.00	PASS
Band38	10MHz	16QAM	38200	1RB#24	21.96	22.59	33.00	PASS
Band38	10MHz	16QAM	38200	1RB#49	21.52	22.15	33.00	PASS
Band38	10MHz	16QAM	38200	25RB#0	21.04	21.67	33.00	PASS
Band38	10MHz	16QAM	38200	25RB#12	21.05	21.68	33.00	PASS
Band38	10MHz	16QAM	38200	25RB#25	21.00	21.63	33.00	PASS
Band38	10MHz	16QAM	38200	50RB#0	21.04	21.67	33.00	PASS
Band38	10MHz	64QAM	37800	1RB#0	21.31	21.94	33.00	PASS
Band38	10MHz	64QAM	37800	1RB#24	21.38	22.01	33.00	PASS
Band38	10MHz	64QAM	37800	1RB#49	21.23	21.86	33.00	PASS

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Band38	10MHz	64QAM	37800	25RB#0	20.39	21.02	33.00	PASS
Band38	10MHz	64QAM	37800	25RB#12	20.44	21.07	33.00	PASS
Band38	10MHz	64QAM	37800	25RB#25	20.37	21.00	33.00	PASS
Band38	10MHz	64QAM	37800	50RB#0	20.38	21.01	33.00	PASS
Band38	10MHz	64QAM	38000	1RB#0	20.89	21.52	33.00	PASS
Band38	10MHz	64QAM	38000	1RB#24	21.46	22.09	33.00	PASS
Band38	10MHz	64QAM	38000	1RB#49	21.33	21.96	33.00	PASS
Band38	10MHz	64QAM	38000	25RB#0	20.30	20.93	33.00	PASS
Band38	10MHz	64QAM	38000	25RB#12	20.36	20.99	33.00	PASS
Band38	10MHz	64QAM	38000	25RB#25	20.37	21.00	33.00	PASS
Band38	10MHz	64QAM	38000	50RB#0	20.42	21.05	33.00	PASS
Band38	10MHz	64QAM	38200	1RB#0	20.98	21.61	33.00	PASS
Band38	10MHz	64QAM	38200	1RB#24	20.98	21.61	33.00	PASS
Band38	10MHz	64QAM	38200	1RB#49	20.82	21.45	33.00	PASS
Band38	10MHz	64QAM	38200	25RB#0	20.14	20.77	33.00	PASS
Band38	10MHz	64QAM	38200	25RB#12	20.00	20.63	33.00	PASS
Band38	10MHz	64QAM	38200	25RB#25	19.94	20.57	33.00	PASS
Band38	10MHz	64QAM	38200	50RB#0	19.93	20.56	33.00	PASS
Band38	15MHz	QPSK	37825	1RB#0	23.35	23.98	33.00	PASS
Band38	15MHz	QPSK	37825	1RB#38	23.31	23.94	33.00	PASS
Band38	15MHz	QPSK	37825	1RB#74	23.49	24.12	33.00	PASS
Band38	15MHz	QPSK	37825	38RB#0	22.44	23.07	33.00	PASS
Band38	15MHz	QPSK	37825	38RB#18	22.51	23.14	33.00	PASS
Band38	15MHz	QPSK	37825	38RB#37	22.64	23.27	33.00	PASS
Band38	15MHz	QPSK	37825	75RB#0	22.53	23.16	33.00	PASS
Band38	15MHz	QPSK	38000	1RB#0	23.20	23.83	33.00	PASS
Band38	15MHz	QPSK	38000	1RB#38	23.45	24.08	33.00	PASS
Band38	15MHz	QPSK	38000	1RB#74	23.43	24.06	33.00	PASS
Band38	15MHz	QPSK	38000	38RB#0	22.45	23.08	33.00	PASS
Band38	15MHz	QPSK	38000	38RB#18	22.51	23.14	33.00	PASS
Band38	15MHz	QPSK	38000	38RB#37	22.50	23.13	33.00	PASS
Band38	15MHz	QPSK	38000	75RB#0	22.45	23.08	33.00	PASS
Band38	15MHz	QPSK	38175	1RB#0	23.17	23.80	33.00	PASS
Band38	15MHz	QPSK	38175	1RB#38	22.97	23.60	33.00	PASS
Band38	15MHz	QPSK	38175	1RB#74	22.84	23.47	33.00	PASS
Band38	15MHz	QPSK	38175	38RB#0	22.35	22.98	33.00	PASS
Band38	15MHz	QPSK	38175	38RB#18	22.22	22.85	33.00	PASS
Band38	15MHz	QPSK	38175	38RB#37	22.03	22.66	33.00	PASS

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Band38	15MHz	QPSK	38175	75RB#0	22.25	22.88	33.00	PASS
Band38	15MHz	16QAM	37825	1RB#0	22.28	22.91	33.00	PASS
Band38	15MHz	16QAM	37825	1RB#38	22.00	22.63	33.00	PASS
Band38	15MHz	16QAM	37825	1RB#74	22.40	23.03	33.00	PASS
Band38	15MHz	16QAM	37825	38RB#0	21.54	22.17	33.00	PASS
Band38	15MHz	16QAM	37825	38RB#18	21.50	22.13	33.00	PASS
Band38	15MHz	16QAM	37825	38RB#37	21.56	22.19	33.00	PASS
Band38	15MHz	16QAM	37825	75RB#0	21.52	22.15	33.00	PASS
Band38	15MHz	16QAM	38000	1RB#0	22.44	23.07	33.00	PASS
Band38	15MHz	16QAM	38000	1RB#38	22.29	22.92	33.00	PASS
Band38	15MHz	16QAM	38000	1RB#74	22.05	22.68	33.00	PASS
Band38	15MHz	16QAM	38000	38RB#0	21.32	21.95	33.00	PASS
Band38	15MHz	16QAM	38000	38RB#18	21.41	22.04	33.00	PASS
Band38	15MHz	16QAM	38000	38RB#37	21.38	22.01	33.00	PASS
Band38	15MHz	16QAM	38000	75RB#0	21.45	22.08	33.00	PASS
Band38	15MHz	16QAM	38175	1RB#0	22.24	22.87	33.00	PASS
Band38	15MHz	16QAM	38175	1RB#38	21.90	22.53	33.00	PASS
Band38	15MHz	16QAM	38175	1RB#74	21.57	22.20	33.00	PASS
Band38	15MHz	16QAM	38175	38RB#0	21.29	21.92	33.00	PASS
Band38	15MHz	16QAM	38175	38RB#18	21.19	21.82	33.00	PASS
Band38	15MHz	16QAM	38175	38RB#37	21.01	21.64	33.00	PASS
Band38	15MHz	16QAM	38175	75RB#0	21.25	21.88	33.00	PASS
Band38	15MHz	64QAM	37825	1RB#0	21.32	21.95	33.00	PASS
Band38	15MHz	64QAM	37825	1RB#38	21.29	21.92	33.00	PASS
Band38	15MHz	64QAM	37825	1RB#74	21.47	22.10	33.00	PASS
Band38	15MHz	64QAM	37825	38RB#0	20.37	21.00	33.00	PASS
Band38	15MHz	64QAM	37825	38RB#18	20.44	21.07	33.00	PASS
Band38	15MHz	64QAM	37825	38RB#37	20.56	21.19	33.00	PASS
Band38	15MHz	64QAM	37825	75RB#0	20.45	21.08	33.00	PASS
Band38	15MHz	64QAM	38000	1RB#0	21.12	21.75	33.00	PASS
Band38	15MHz	64QAM	38000	1RB#38	21.35	21.98	33.00	PASS
Band38	15MHz	64QAM	38000	1RB#74	21.34	21.97	33.00	PASS
Band38	15MHz	64QAM	38000	38RB#0	20.42	21.05	33.00	PASS
Band38	15MHz	64QAM	38000	38RB#18	20.45	21.08	33.00	PASS
Band38	15MHz	64QAM	38000	38RB#37	20.48	21.11	33.00	PASS
Band38	15MHz	64QAM	38000	75RB#0	20.42	21.05	33.00	PASS
Band38	15MHz	64QAM	38175	1RB#0	21.14	21.77	33.00	PASS
Band38	15MHz	64QAM	38175	1RB#38	20.94	21.57	33.00	PASS

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Band38	15MHz	64QAM	38175	1RB#74	20.77	21.40	33.00	PASS
Band38	15MHz	64QAM	38175	38RB#0	20.34	20.97	33.00	PASS
Band38	15MHz	64QAM	38175	38RB#18	20.13	20.76	33.00	PASS
Band38	15MHz	64QAM	38175	38RB#37	19.99	20.62	33.00	PASS
Band38	15MHz	64QAM	38175	75RB#0	20.19	20.82	33.00	PASS
Band38	20MHz	QPSK	37850	1RB#0	23.62	24.25	33.00	PASS
Band38	20MHz	QPSK	37850	1RB#49	23.64	24.27	33.00	PASS
Band38	20MHz	QPSK	37850	1RB#99	23.67	24.30	33.00	PASS
Band38	20MHz	QPSK	37850	50RB#0	22.71	23.34	33.00	PASS
Band38	20MHz	QPSK	37850	50RB#25	22.94	23.57	33.00	PASS
Band38	20MHz	QPSK	37850	50RB#50	22.87	23.50	33.00	PASS
Band38	20MHz	QPSK	37850	100RB#0	22.78	23.41	33.00	PASS
Band38	20MHz	QPSK	38000	1RB#0	23.65	24.28	33.00	PASS
Band38	20MHz	QPSK	38000	1RB#49	23.81	24.44	33.00	PASS
Band38	20MHz	QPSK	38000	1RB#99	23.74	24.37	33.00	PASS
Band38	20MHz	QPSK	38000	50RB#0	22.75	23.38	33.00	PASS
Band38	20MHz	QPSK	38000	50RB#25	22.79	23.42	33.00	PASS
Band38	20MHz	QPSK	38000	50RB#50	22.74	23.37	33.00	PASS
Band38	20MHz	QPSK	38000	100RB#0	22.71	23.34	33.00	PASS
Band38	20MHz	QPSK	38150	1RB#0	23.55	24.18	33.00	PASS
Band38	20MHz	QPSK	38150	1RB#49	23.58	24.21	33.00	PASS
Band38	20MHz	QPSK	38150	1RB#99	22.95	23.58	33.00	PASS
Band38	20MHz	QPSK	38150	50RB#0	22.74	23.37	33.00	PASS
Band38	20MHz	QPSK	38150	50RB#25	22.58	23.21	33.00	PASS
Band38	20MHz	QPSK	38150	50RB#50	22.42	23.05	33.00	PASS
Band38	20MHz	QPSK	38150	100RB#0	22.53	23.16	33.00	PASS
Band38	20MHz	16QAM	37850	1RB#0	22.58	23.21	33.00	PASS
Band38	20MHz	16QAM	37850	1RB#49	22.56	23.19	33.00	PASS
Band38	20MHz	16QAM	37850	1RB#99	22.15	22.78	33.00	PASS
Band38	20MHz	16QAM	37850	50RB#0	21.77	22.40	33.00	PASS
Band38	20MHz	16QAM	37850	50RB#25	21.87	22.50	33.00	PASS
Band38	20MHz	16QAM	37850	50RB#50	21.92	22.55	33.00	PASS
Band38	20MHz	16QAM	37850	100RB#0	21.80	22.43	33.00	PASS
Band38	20MHz	16QAM	38000	1RB#0	22.49	23.12	33.00	PASS
Band38	20MHz	16QAM	38000	1RB#49	22.62	23.25	33.00	PASS
Band38	20MHz	16QAM	38000	1RB#99	22.53	23.16	33.00	PASS
Band38	20MHz	16QAM	38000	50RB#0	21.62	22.25	33.00	PASS
Band38	20MHz	16QAM	38000	50RB#25	21.64	22.27	33.00	PASS

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Band38	20MHz	16QAM	38000	50RB#50	21.75	22.38	33.00	PASS
Band38	20MHz	16QAM	38000	100RB#0	21.77	22.40	33.00	PASS
Band38	20MHz	16QAM	38150	1RB#0	22.21	22.84	33.00	PASS
Band38	20MHz	16QAM	38150	1RB#49	22.09	22.72	33.00	PASS
Band38	20MHz	16QAM	38150	1RB#99	21.36	21.99	33.00	PASS
Band38	20MHz	16QAM	38150	50RB#0	21.63	22.26	33.00	PASS
Band38	20MHz	16QAM	38150	50RB#25	21.46	22.09	33.00	PASS
Band38	20MHz	16QAM	38150	50RB#50	21.27	21.90	33.00	PASS
Band38	20MHz	16QAM	38150	100RB#0	21.53	22.16	33.00	PASS
Band38	20MHz	64QAM	37850	1RB#0	21.55	22.18	33.00	PASS
Band38	20MHz	64QAM	37850	1RB#49	21.62	22.25	33.00	PASS
Band38	20MHz	64QAM	37850	1RB#99	21.64	22.27	33.00	PASS
Band38	20MHz	64QAM	37850	50RB#0	20.70	21.33	33.00	PASS
Band38	20MHz	64QAM	37850	50RB#25	20.90	21.53	33.00	PASS
Band38	20MHz	64QAM	37850	50RB#50	20.86	21.49	33.00	PASS
Band38	20MHz	64QAM	37850	100RB#0	20.74	21.37	33.00	PASS
Band38	20MHz	64QAM	38000	1RB#0	21.56	22.19	33.00	PASS
Band38	20MHz	64QAM	38000	1RB#49	21.75	22.38	33.00	PASS
Band38	20MHz	64QAM	38000	1RB#99	21.71	22.34	33.00	PASS
Band38	20MHz	64QAM	38000	50RB#0	20.75	21.38	33.00	PASS
Band38	20MHz	64QAM	38000	50RB#25	20.79	21.42	33.00	PASS
Band38	20MHz	64QAM	38000	50RB#50	20.71	21.34	33.00	PASS
Band38	20MHz	64QAM	38000	100RB#0	20.63	21.26	33.00	PASS
Band38	20MHz	64QAM	38150	1RB#0	21.47	22.10	33.00	PASS
Band38	20MHz	64QAM	38150	1RB#49	21.54	22.17	33.00	PASS
Band38	20MHz	64QAM	38150	1RB#99	20.93	21.56	33.00	PASS
Band38	20MHz	64QAM	38150	50RB#0	20.64	21.27	33.00	PASS
Band38	20MHz	64QAM	38150	50RB#25	20.55	21.18	33.00	PASS
Band38	20MHz	64QAM	38150	50RB#50	20.42	21.05	33.00	PASS
Band38	20MHz	64QAM	38150	100RB#0	20.45	21.08	33.00	PASS

Remark:

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

ERP [dBm] = Conducted Power [dBm] + Gain [dBd]

EIRP [dBm] = Conducted Power [dBm] + Gain [dBi]

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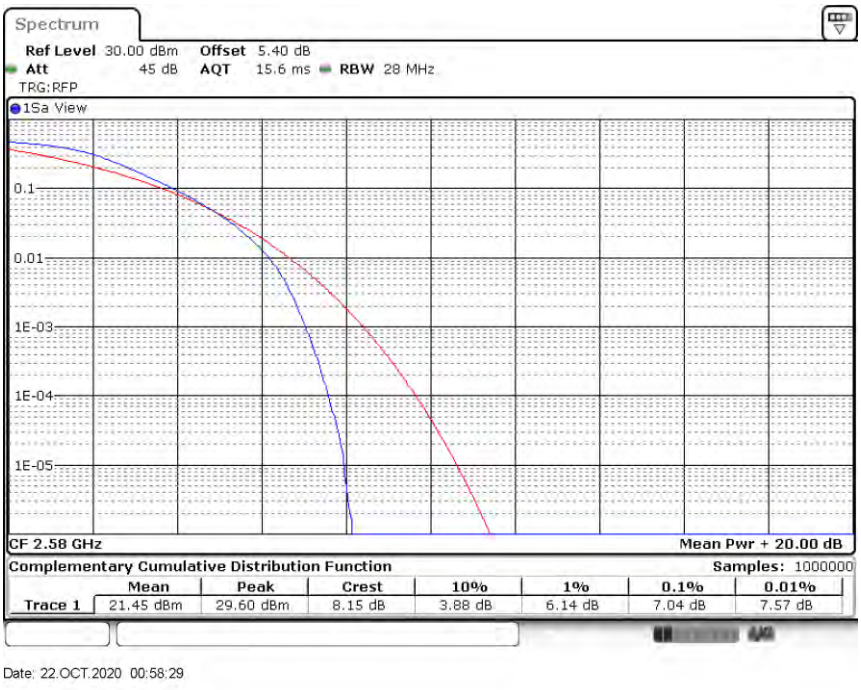
2 Peak-to-Average Ratio (CCDF)

2.1 Test Result

Band	Bandwidth	Modulation	Channel	RB Configuration	Result(dB)	Limit(dB)	Verdict
Band38	20MHz	QPSK	37850	100RB#0	7.04	13	PASS
Band38	20MHz	QPSK	38000	100RB#0	7.04	13	PASS
Band38	20MHz	QPSK	38150	100RB#0	6.96	13	PASS
Band38	20MHz	16QAM	37850	100RB#0	7.91	13	PASS
Band38	20MHz	16QAM	38000	100RB#0	7.91	13	PASS
Band38	20MHz	16QAM	38150	100RB#0	7.83	13	PASS
Band38	20MHz	64QAM	37850	100RB#0	8.41	13	PASS
Band38	20MHz	64QAM	38000	100RB#0	8.41	13	PASS
Band38	20MHz	64QAM	38150	100RB#0	8.38	13	PASS

2.2 Test Plots

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



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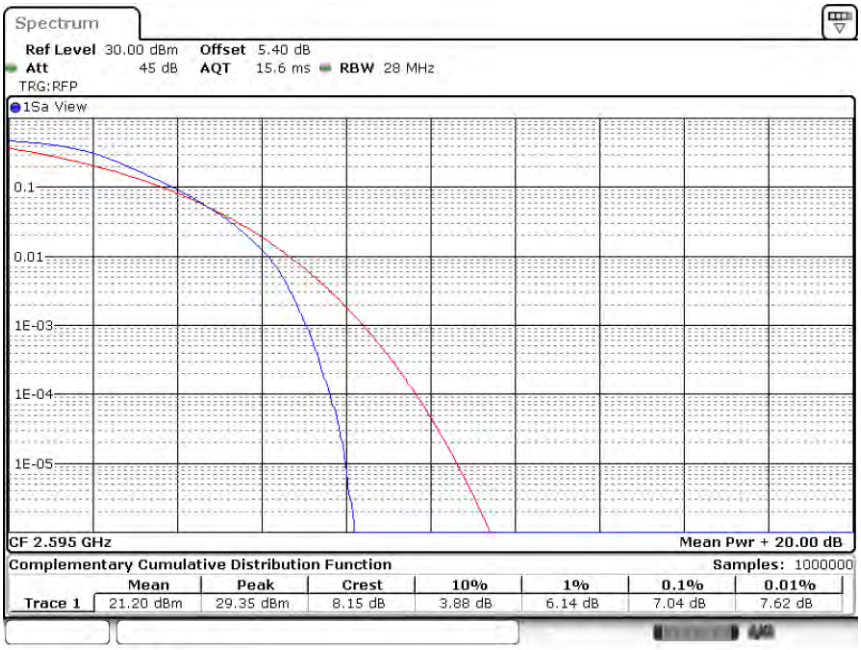
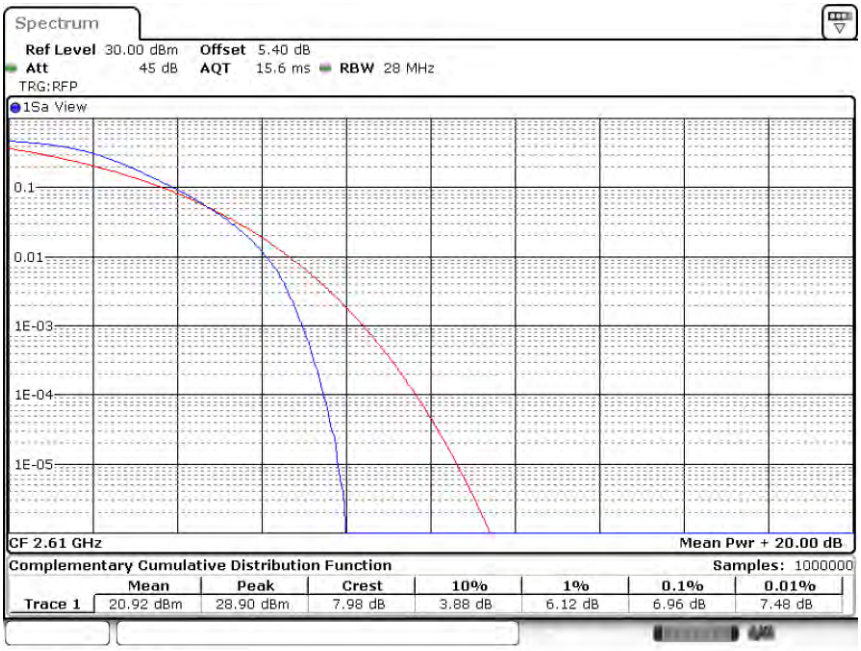
Band38-20MHz-QPSK-38000-100RB#0



Date: 22.OCT.2020 00:58:58

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



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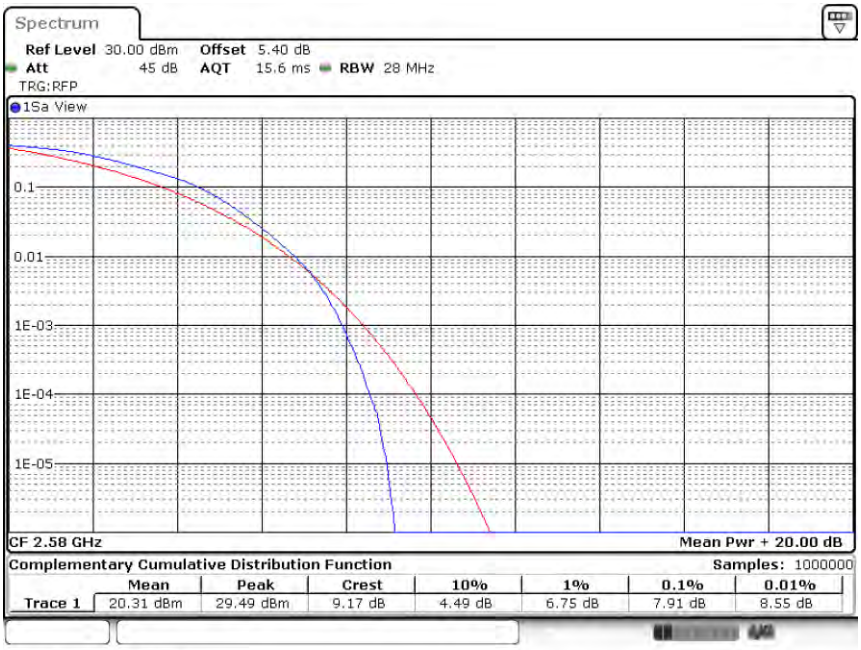
Band38-20MHz-16QAM-37850-100RB#0



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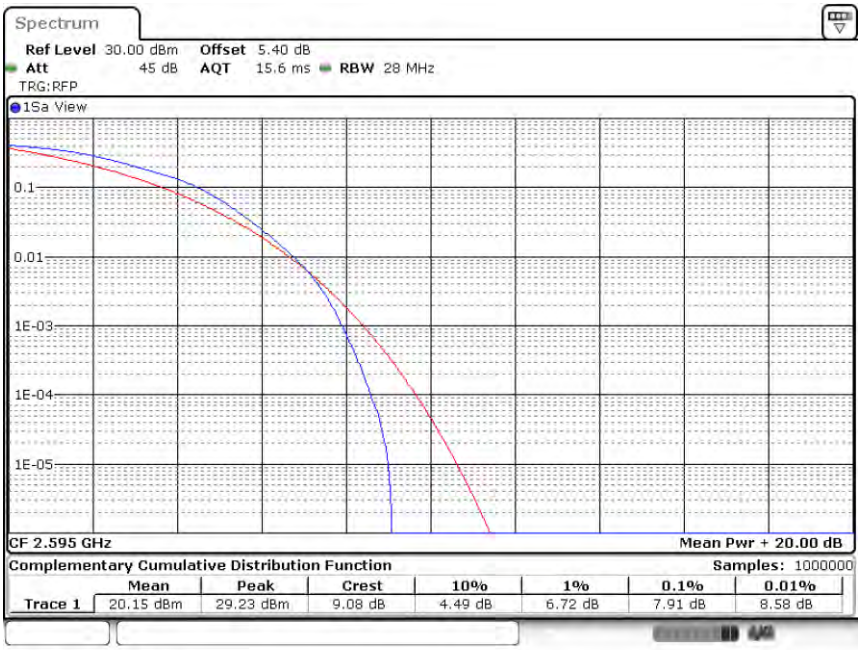
Band38-20MHz-16QAM-38000-100RB#0



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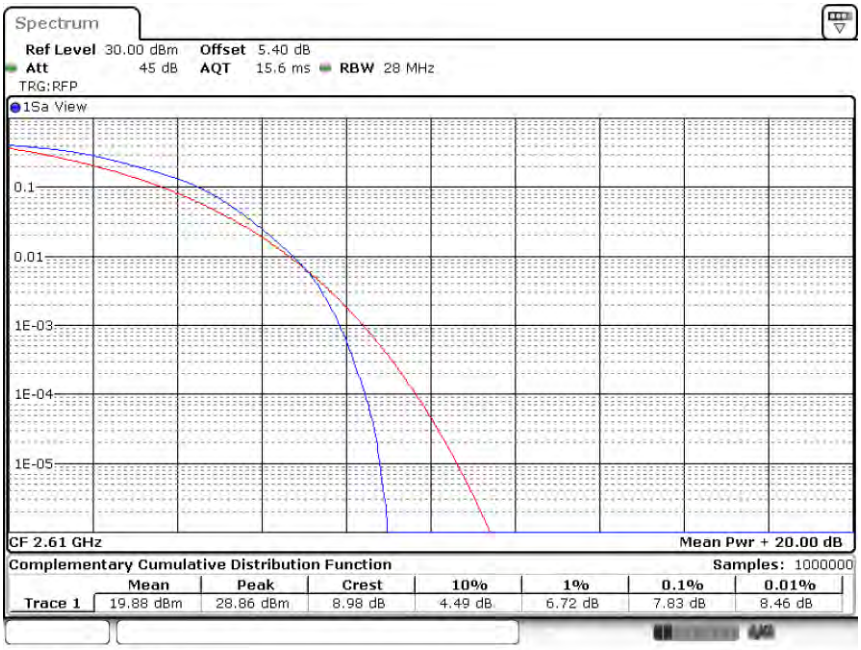
Band38-20MHz-16QAM-38150-100RB#0



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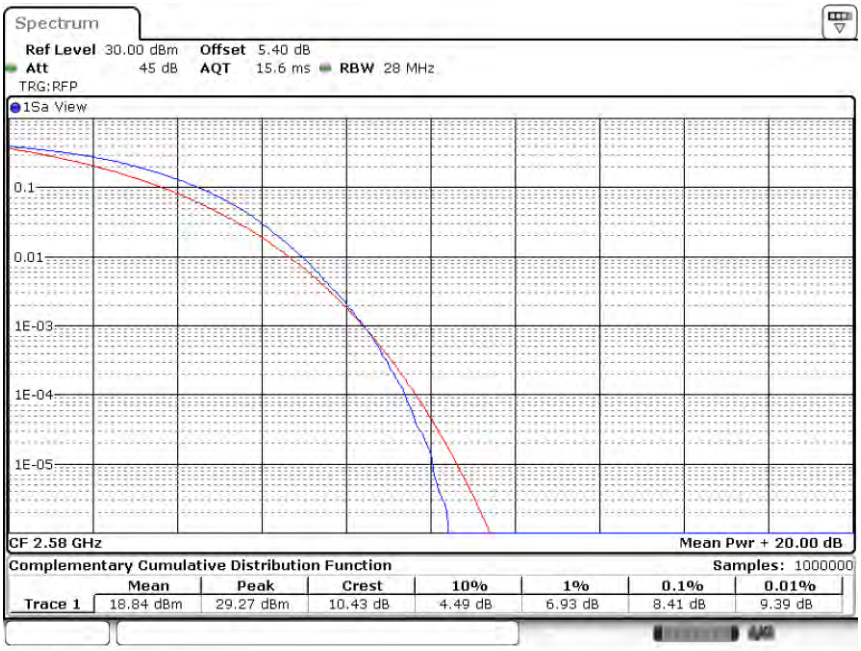
Band38-20MHz-64QAM-37850-100RB#0



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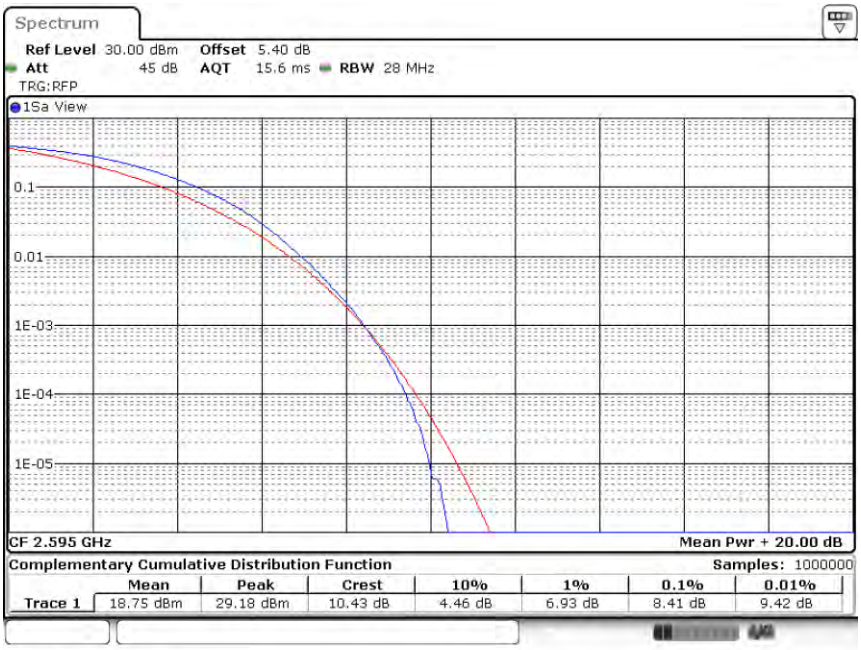
Band38-20MHz-64QAM-38000-100RB#0



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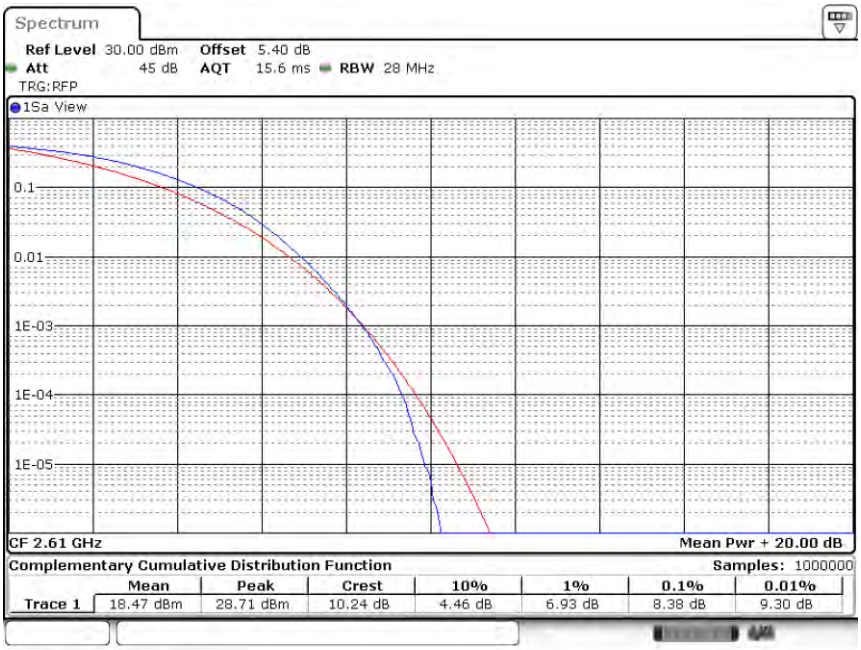

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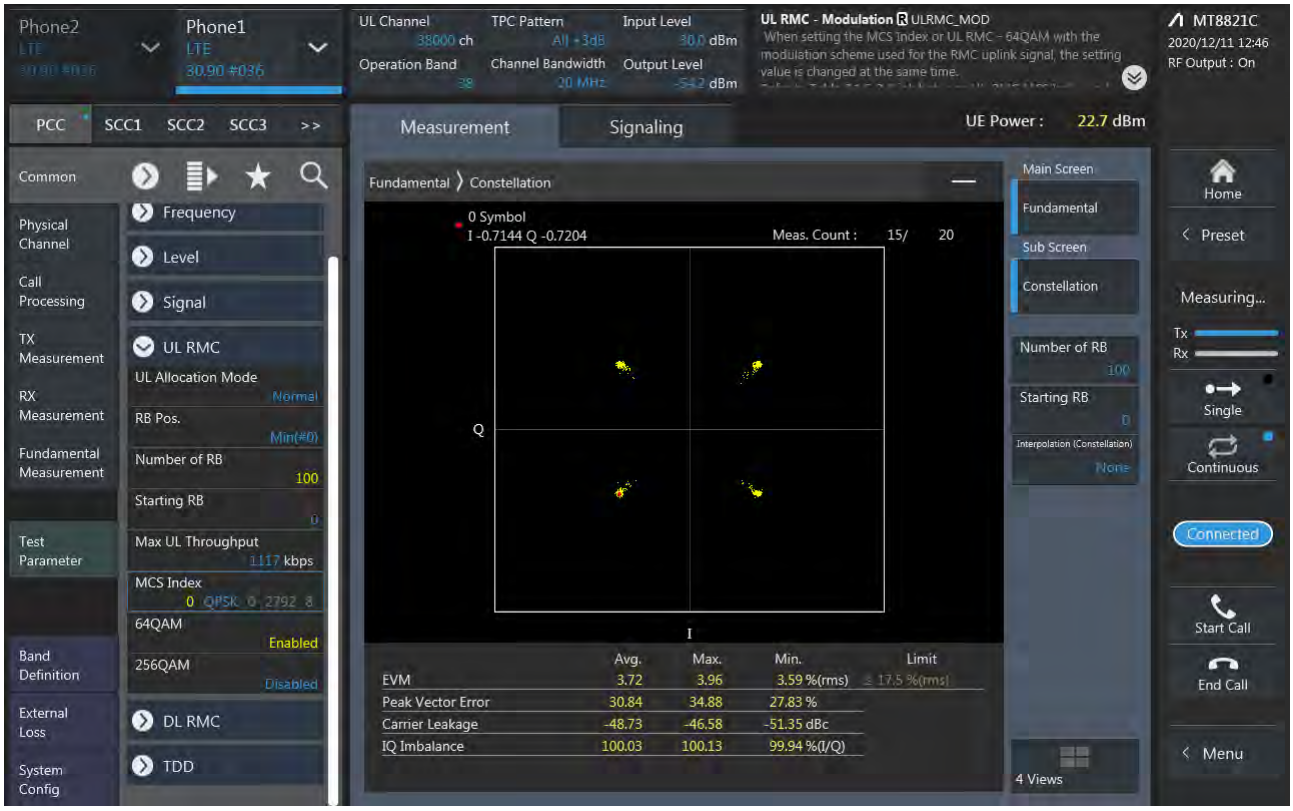
3 Modulation Characteristics

3.1 Test Mode = LTE /TM1 20MHz

3.1.1 Test Channel = MCH



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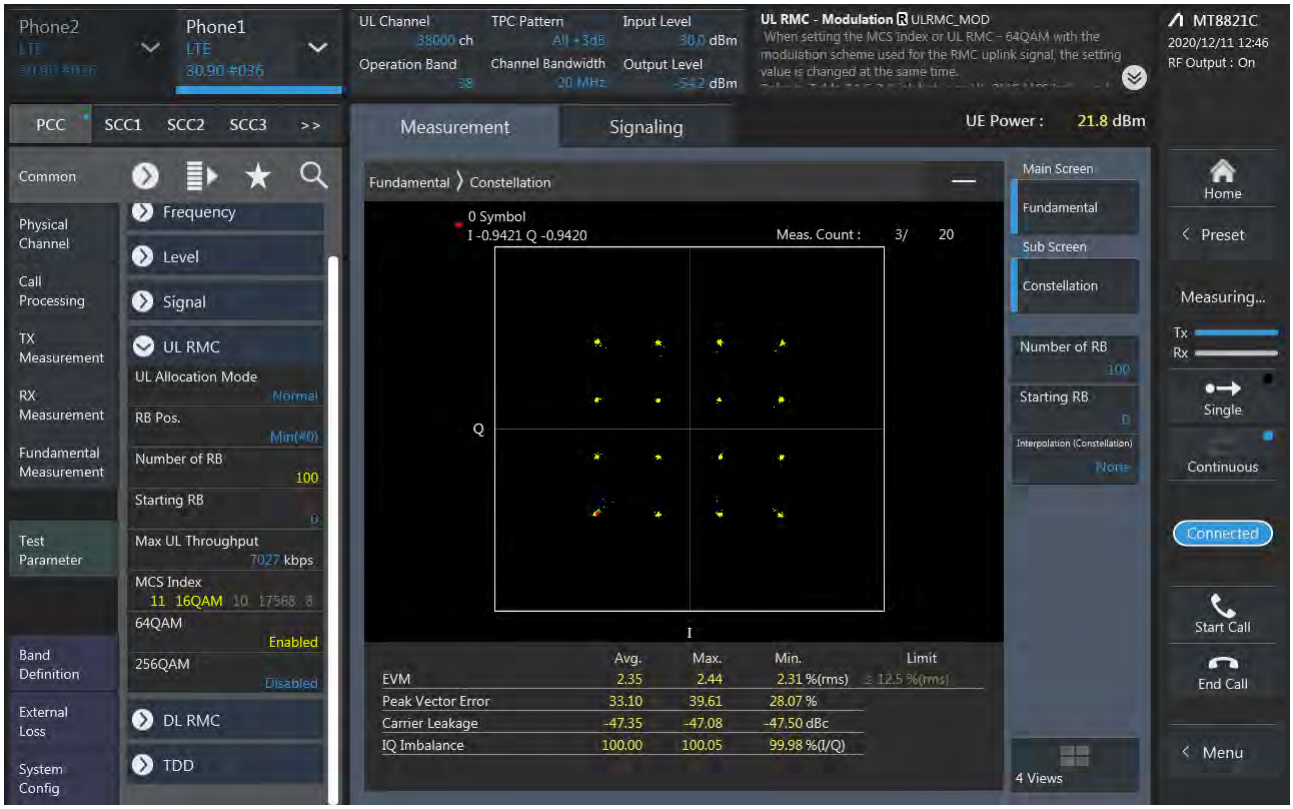
3.2 Test Mode = LTE /TM2 20MHz

3.2.1 Test Channel = MCH



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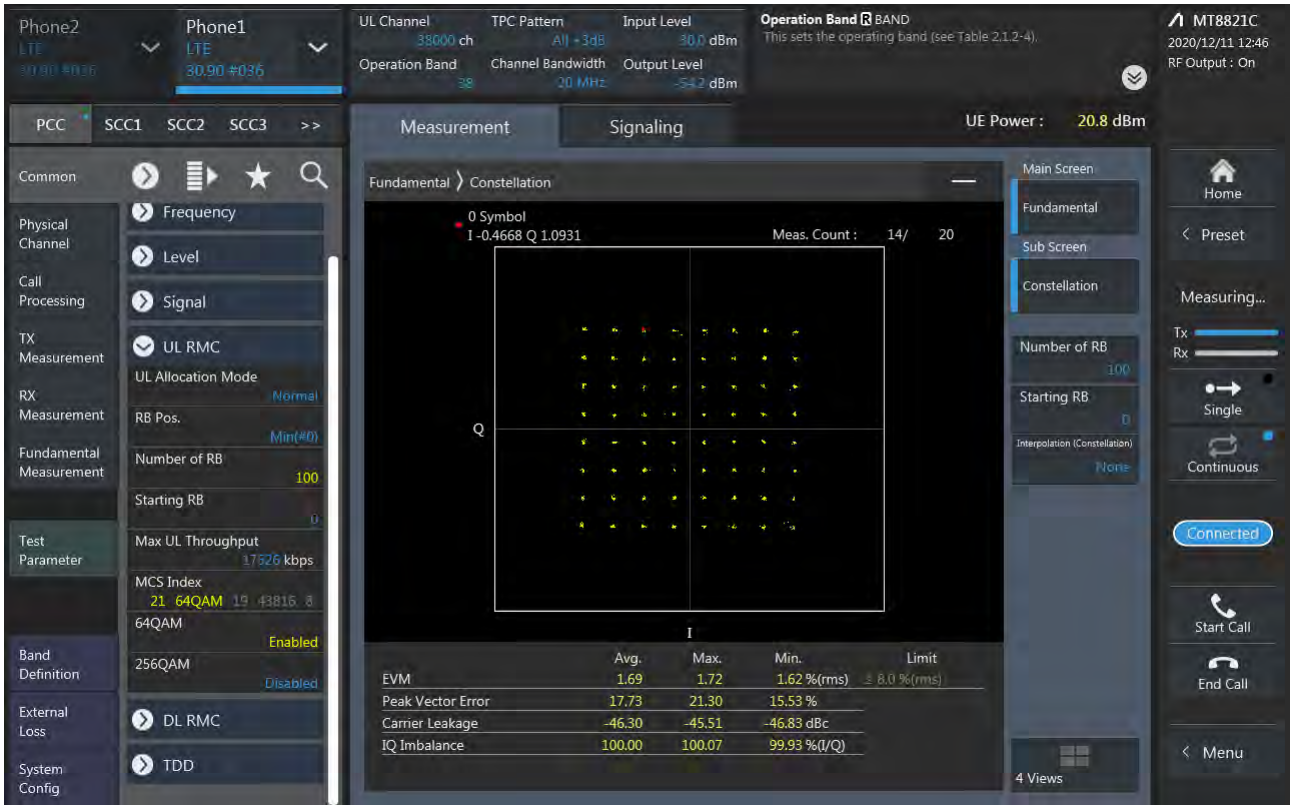
3.3 Test Mode = LTE /TM3 20MHz

3.3.1 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	4.476	4.920	PASS
Band38	5MHz	QPSK	38000	25RB#0	4.466	4.900	PASS
Band38	5MHz	QPSK	38225	25RB#0	4.476	4.980	PASS
Band38	5MHz	16QAM	37775	25RB#0	4.496	4.950	PASS
Band38	5MHz	16QAM	38000	25RB#0	4.496	4.960	PASS
Band38	5MHz	16QAM	38225	25RB#0	4.496	4.970	PASS
Band38	5MHz	64QAM	37775	25RB#0	4.486	4.940	PASS
Band38	5MHz	64QAM	38000	25RB#0	4.486	4.910	PASS
Band38	5MHz	64QAM	38225	25RB#0	4.486	5.110	PASS
Band38	10MHz	QPSK	37800	50RB#0	8.891	9.740	PASS
Band38	10MHz	QPSK	38000	50RB#0	8.891	9.720	PASS
Band38	10MHz	QPSK	38200	50RB#0	8.911	10.160	PASS
Band38	10MHz	16QAM	37800	50RB#0	8.911	9.620	PASS
Band38	10MHz	16QAM	38000	50RB#0	8.931	9.620	PASS
Band38	10MHz	16QAM	38200	50RB#0	8.911	9.680	PASS
Band38	10MHz	64QAM	37800	50RB#0	8.931	9.740	PASS
Band38	10MHz	64QAM	38000	50RB#0	8.911	9.740	PASS
Band38	10MHz	64QAM	38200	50RB#0	8.911	9.760	PASS
Band38	15MHz	QPSK	37825	75RB#0	13.487	15.570	PASS
Band38	15MHz	QPSK	38000	75RB#0	13.516	15.630	PASS
Band38	15MHz	QPSK	38175	75RB#0	13.546	22.380	PASS
Band38	15MHz	16QAM	37825	75RB#0	13.457	15.390	PASS
Band38	15MHz	16QAM	38000	75RB#0	13.457	15.420	PASS
Band38	15MHz	16QAM	38175	75RB#0	13.546	22.260	PASS
Band38	15MHz	64QAM	37825	75RB#0	13.457	15.270	PASS
Band38	15MHz	64QAM	38000	75RB#0	13.457	15.210	PASS
Band38	15MHz	64QAM	38175	75RB#0	13.487	23.850	PASS
Band38	20MHz	QPSK	37850	100RB#0	17.902	20.000	PASS
Band38	20MHz	QPSK	38000	100RB#0	17.902	19.600	PASS
Band38	20MHz	QPSK	38150	100RB#0	17.902	19.840	PASS
Band38	20MHz	16QAM	37850	100RB#0	17.862	19.320	PASS

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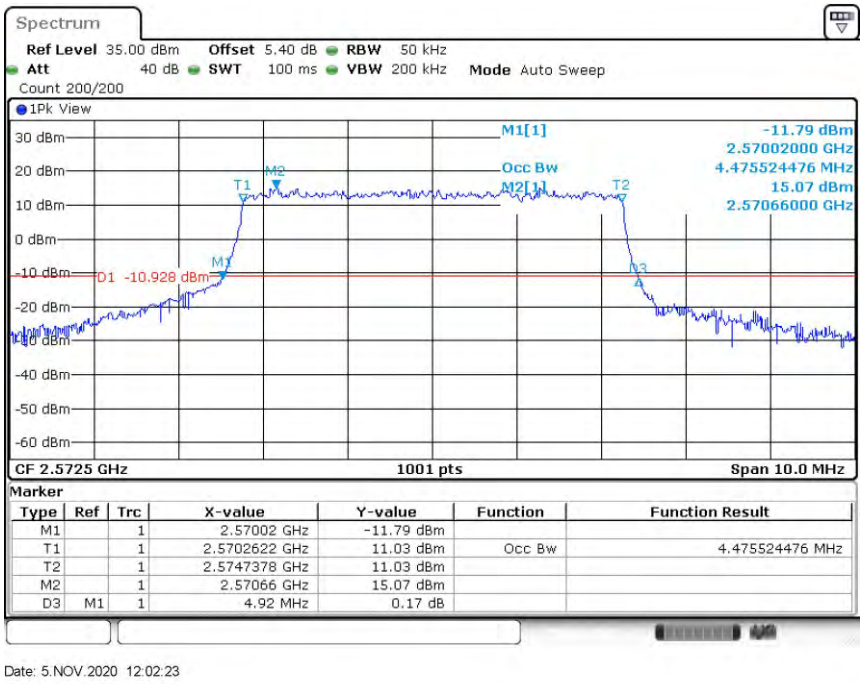
Band38	20MHz	16QAM	38000	100RB#0	17.902	19.320	PASS
Band38	20MHz	16QAM	38150	100RB#0	17.862	19.400	PASS
Band38	20MHz	64QAM	37850	100RB#0	17.902	19.320	PASS
Band38	20MHz	64QAM	38000	100RB#0	17.862	19.360	PASS
Band38	20MHz	64QAM	38150	100RB#0	17.862	19.360	PASS

4.2 Test Plots

Band38-5MHz-QPSK-37775-25RB#0-4.476



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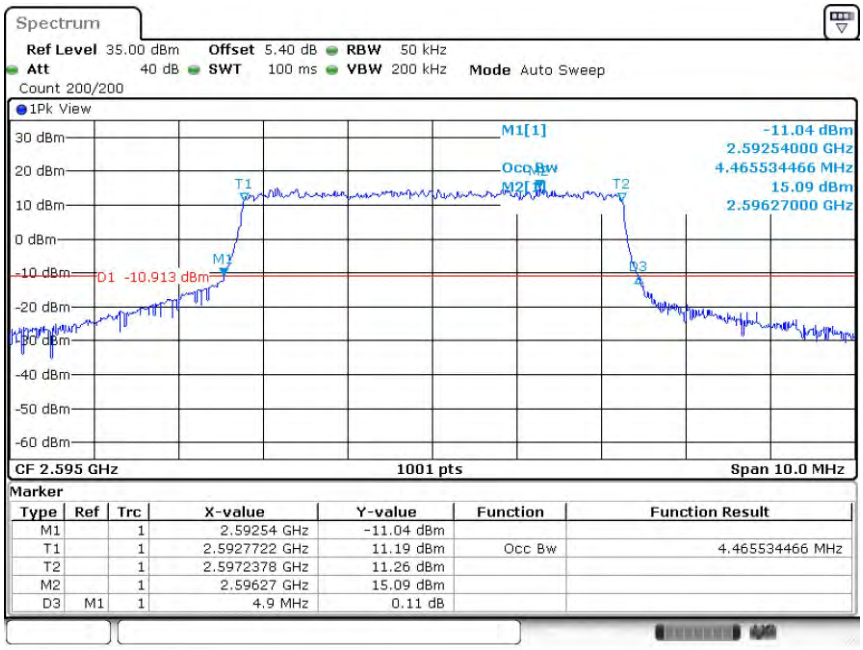
Band38-5MHz-QPSK-38000-25RB#0-4.466



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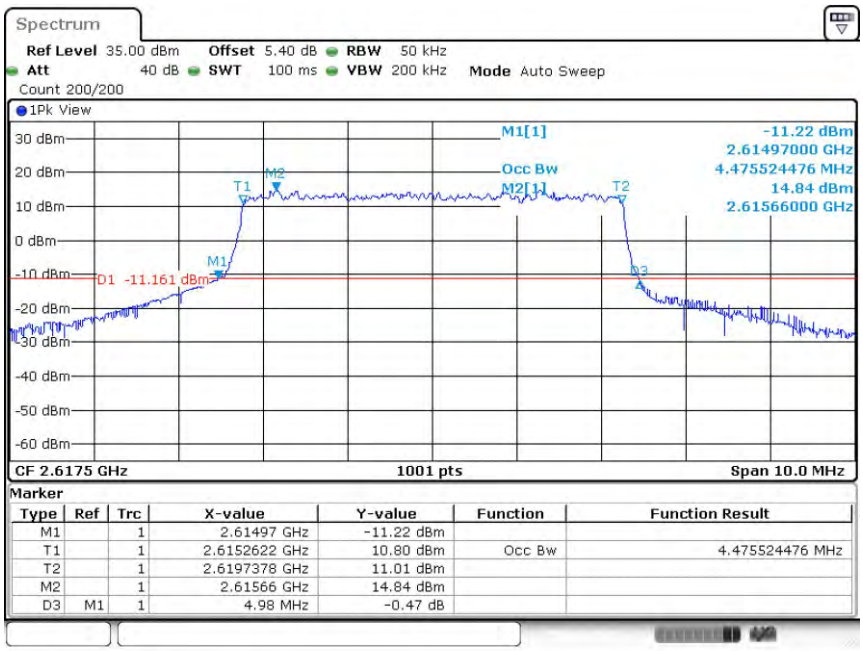
Band38-5MHz-QPSK-38225-25RB#0-4.476



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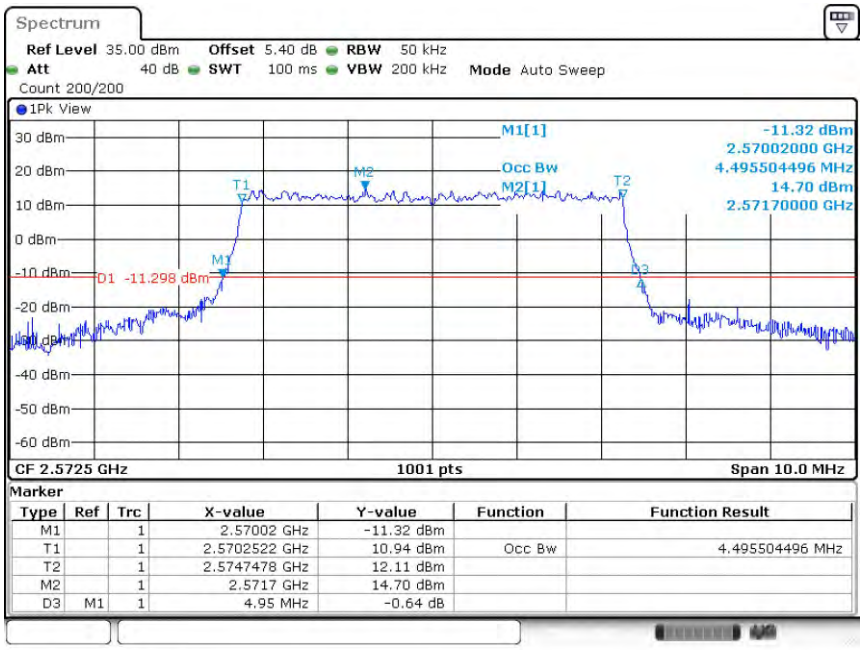
Band38-5MHz-16QAM-37775-25RB#0-4.496



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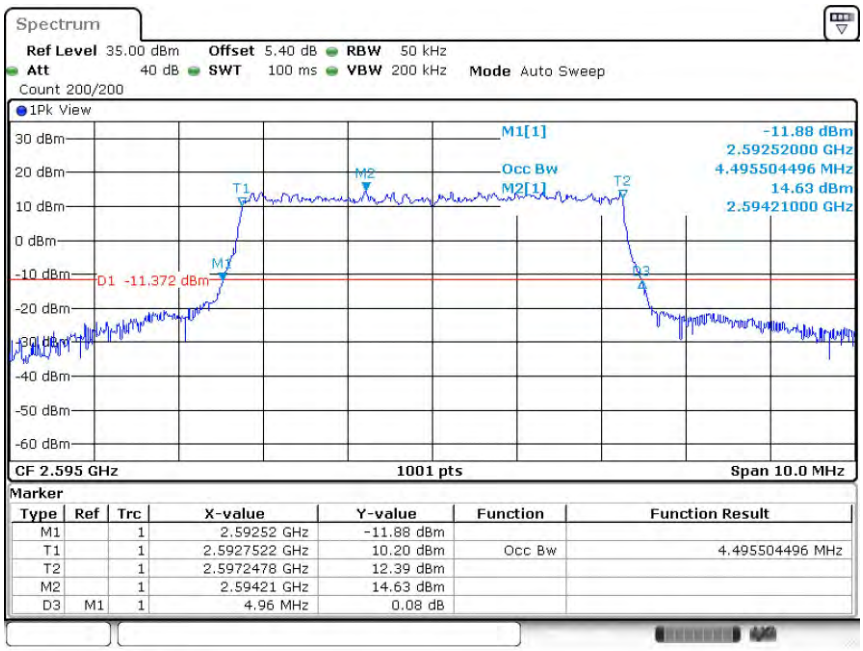
Type	Ref	Trc	X-value	Y-value	Function	Function Result
M1		1	2.57002 GHz	-11.32 dBm		
T1		1	2.5702522 GHz	10.94 dBm	Occ Bw	4.495504496 MHz
T2		1	2.5747478 GHz	12.11 dBm		
M2		1	2.5717 GHz	14.70 dBm		
D3	M1	1	4.95 MHz	-0.64 dB		

Date: 5.NOV.2020 12:02:58

Band38-5MHz-16QAM-38000-25RB#0-4.496



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Type	Ref	Trc	X-value	Y-value	Function	Function Result
M1		1	2.59252 GHz	-11.88 dBm		
T1		1	2.5927522 GHz	10.20 dBm	Occ Bw	4.495504496 MHz
T2		1	2.5972478 GHz	12.39 dBm		
M2		1	2.59421 GHz	14.63 dBm		
D3	M1	1	4.96 MHz	0.08 dB		

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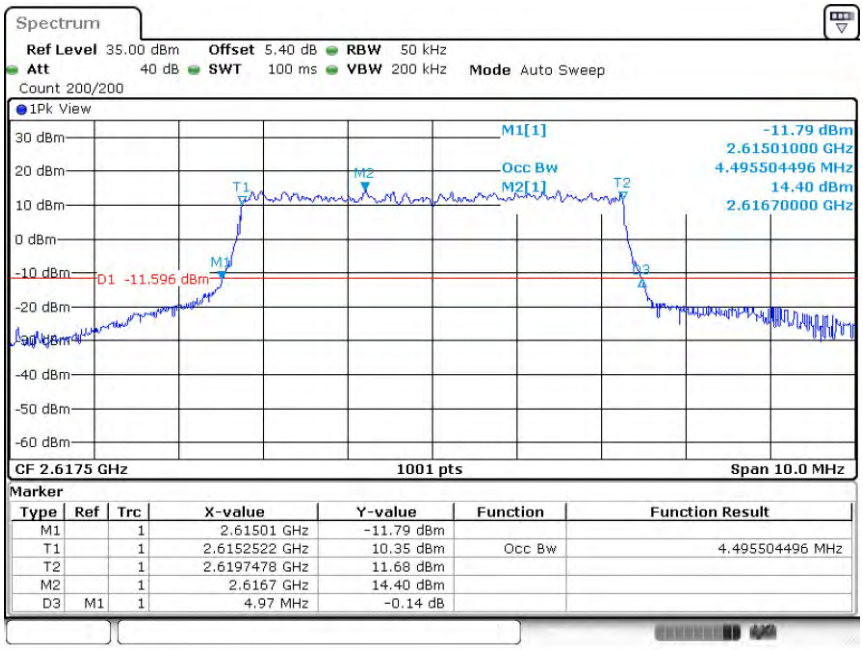
Band38-5MHz-16QAM-38225-25RB#0-4.496



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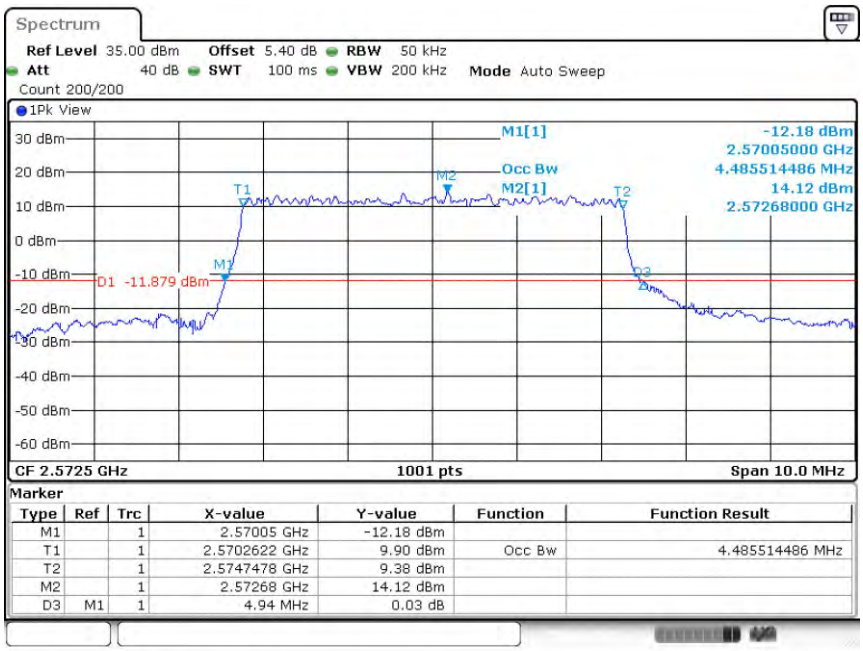
T1		1	2.6152522 GHz	10.35 dBm	Occ Bw	4.495504496 MHz
T2		1	2.6197478 GHz	11.68 dBm		
M2		1	2.6167 GHz	14.40 dBm		
D3	M1	1	4.97 MHz	-0.14 dB		

Date: 5.NOV.2020 12:05:19

Band38-5MHz-64QAM-37775-25RB#0-4.486



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Type	Ref	Trc	X-value	Y-value	Function	Function Result
M1		1	2.57005 GHz	-12.18 dBm		
T1		1	2.5702622 GHz	9.90 dBm	Occ Bw	4.485514486 MHz
T2		1	2.5747478 GHz	9.38 dBm		
M2		1	2.57268 GHz	14.12 dBm		
D3	M1	1	4.94 MHz	0.03 dB		

Date: 5.NOV.2020 13:55:07

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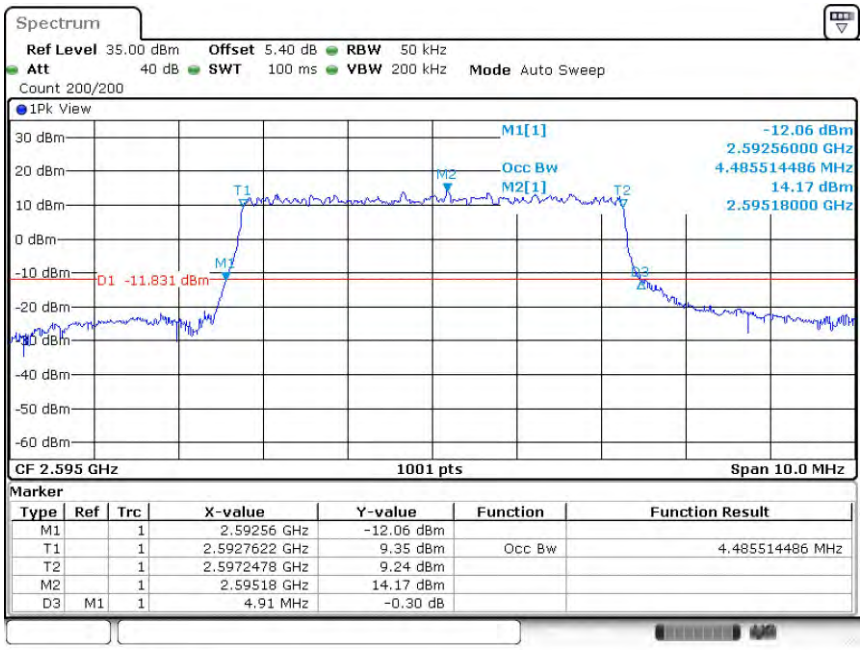
Band38-5MHz-64QAM-38000-25RB#0-4.486



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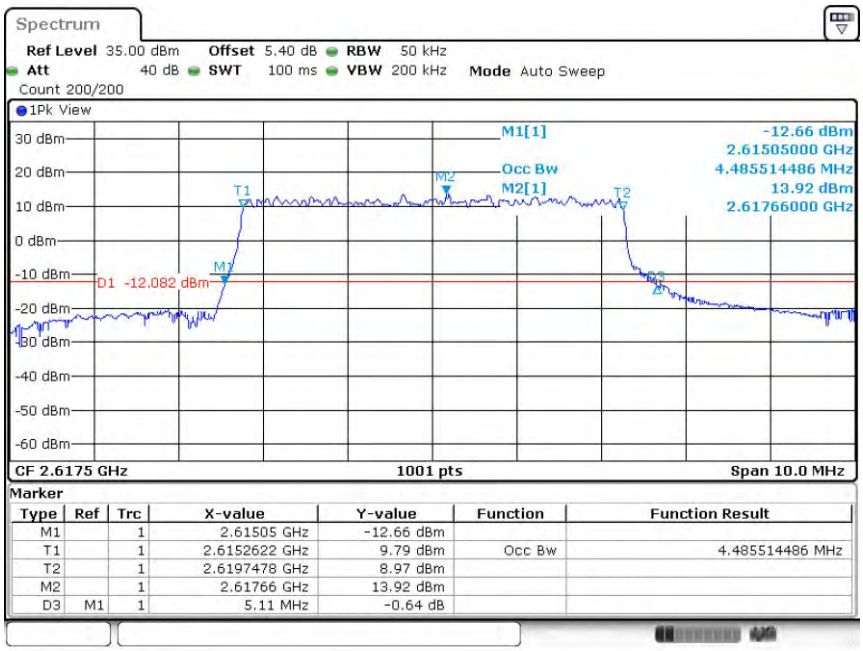
Band38-5MHz-64QAM-38225-25RB#0-4.486



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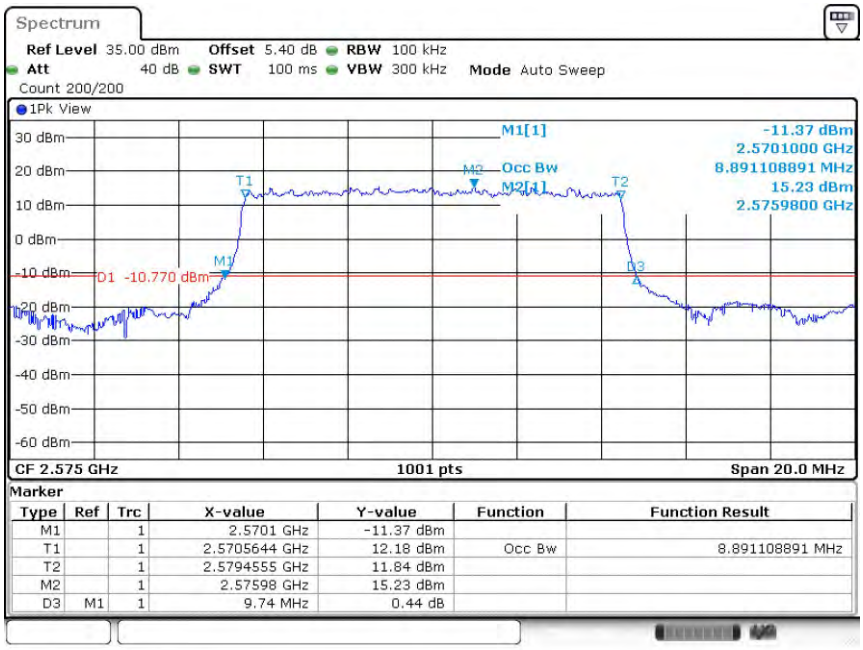
Band38-10MHz-QPSK-37800-50RB#0-8.891



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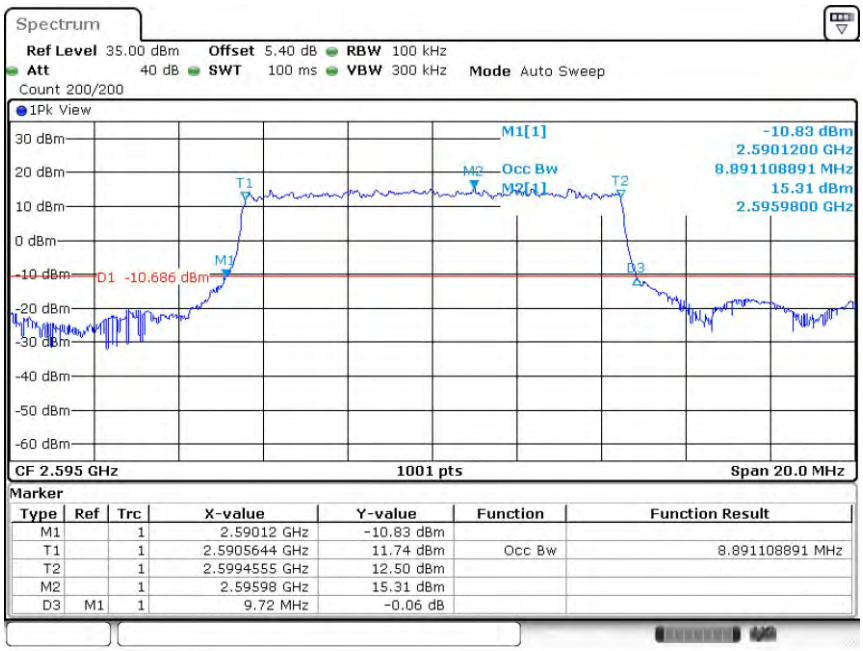
Band38-10MHz-QPSK-38000-50RB#0-8.891



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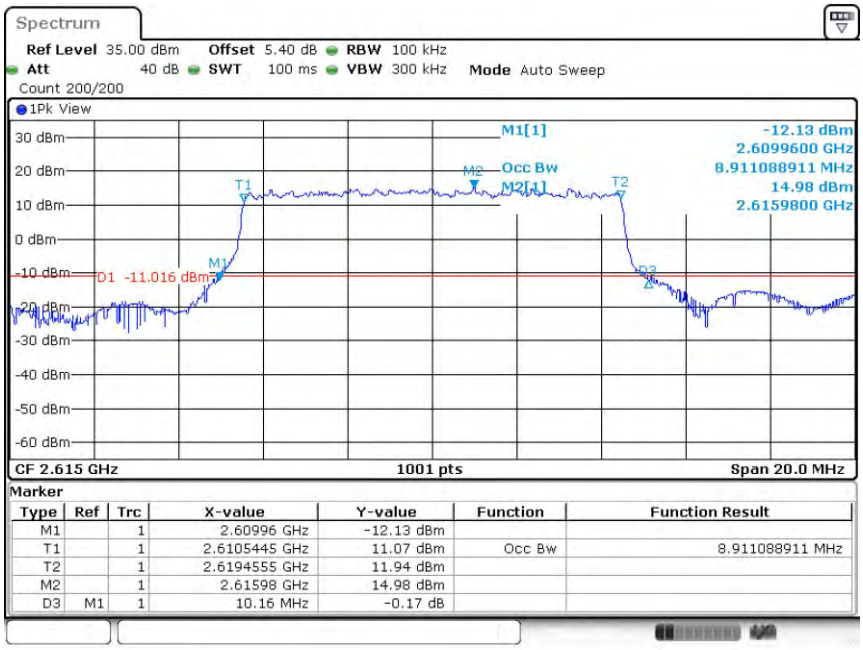
Band38-10MHz-QPSK-38200-50RB#0-8.911



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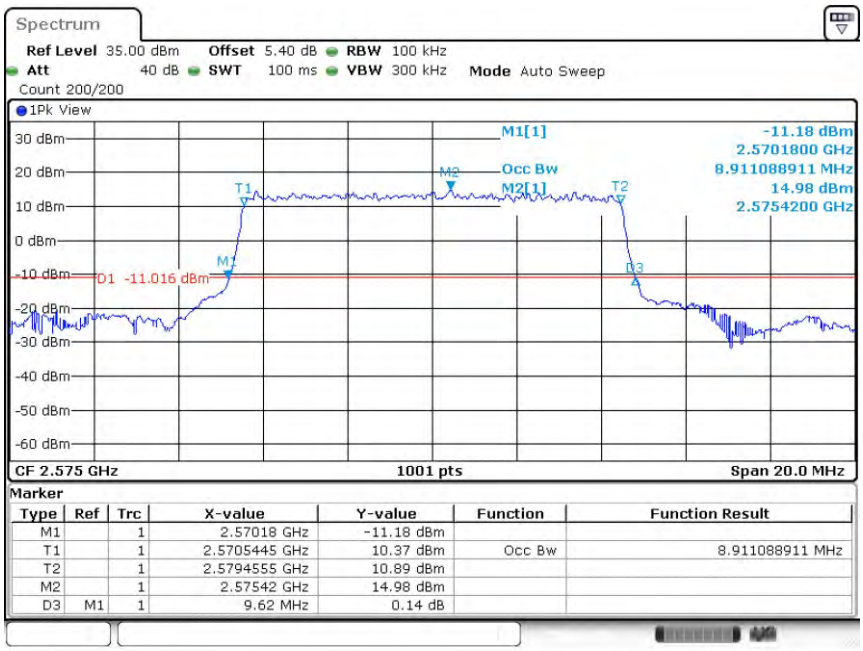
Type	Ref	Trc	X-value	Y-value	Function	Function Result
M1		1	2.60996 GHz	-12.13 dBm		
T1		1	2.6105445 GHz	11.07 dBm	Occ Bw	8.911088911 MHz
T2		1	2.6194555 GHz	11.94 dBm		
M2		1	2.61598 GHz	14.98 dBm		
D3	M1	1	10.16 MHz	-0.17 dB		

Date: 5.NOV.2020 14:17:48

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



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Type	Ref	Trc	X-value	Y-value	Function	Function Result
M1		1	2.57018 GHz	-11.18 dBm		
T1		1	2.5705445 GHz	10.37 dBm	Occ Bw	8.911088911 MHz
T2		1	2.5794555 GHz	10.89 dBm		
M2		1	2.57542 GHz	14.98 dBm		
D3	M1	1	9.62 MHz	0.14 dB		

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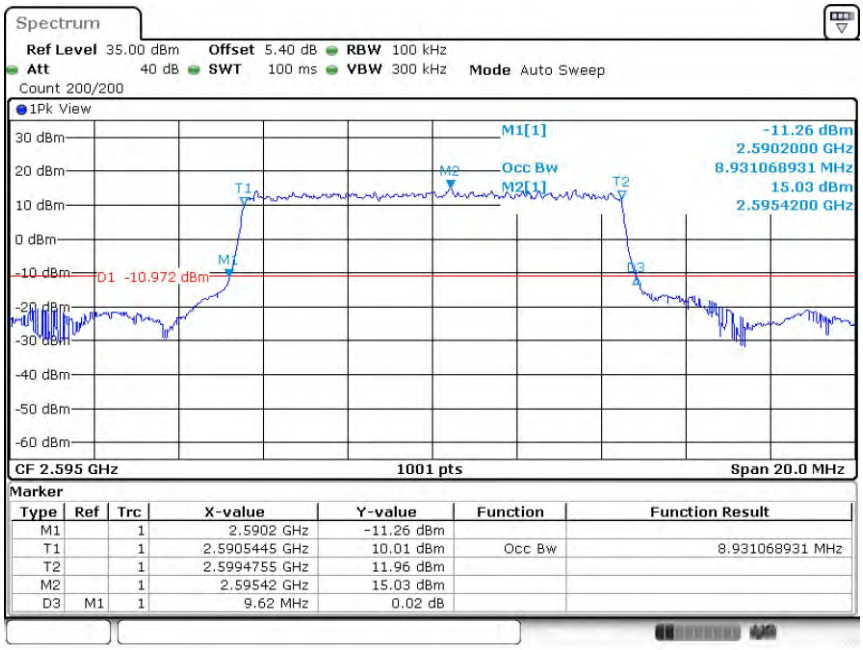
Band38-10MHz-16QAM-38000-50RB#0-8.931



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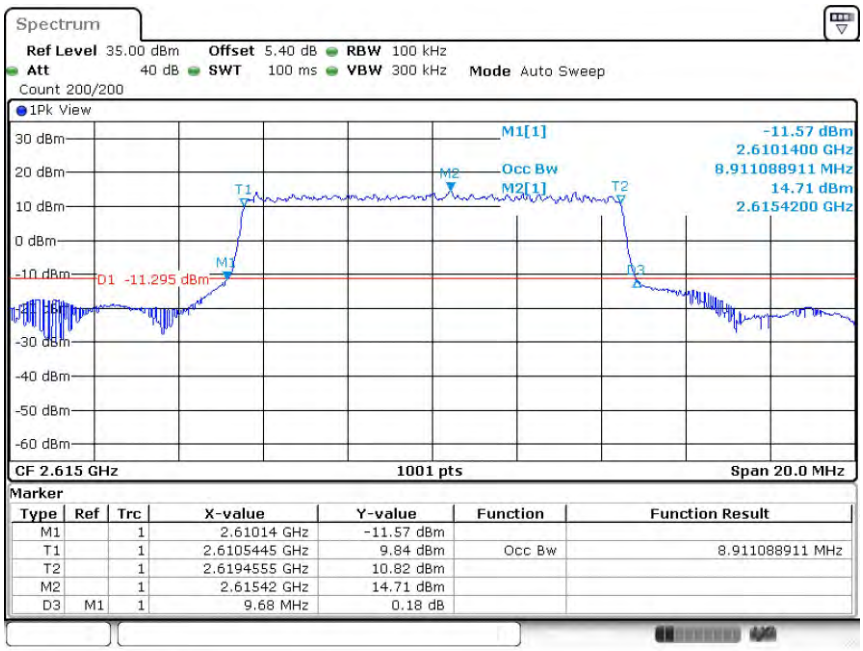
Band38-10MHz-16QAM-38200-50RB#0-8.911



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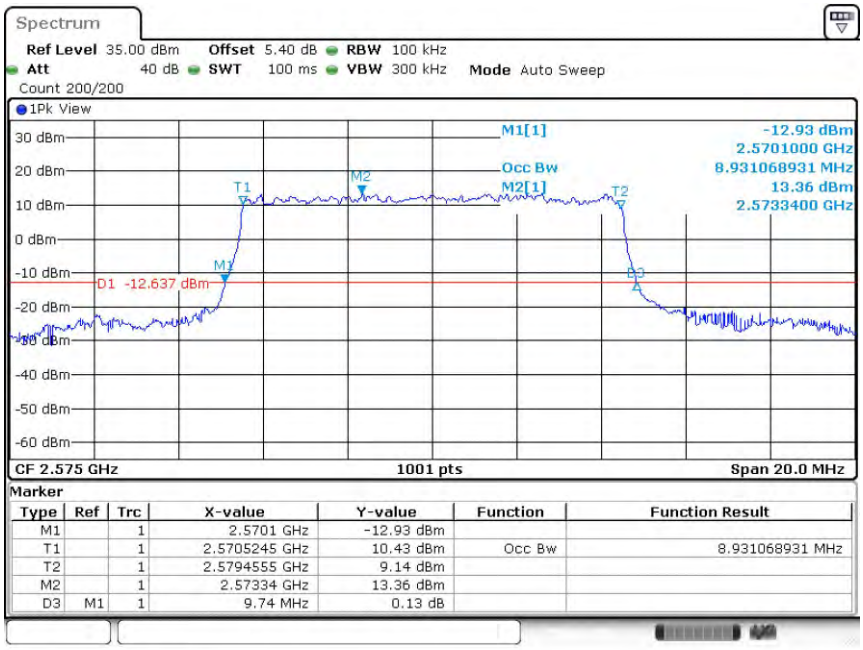

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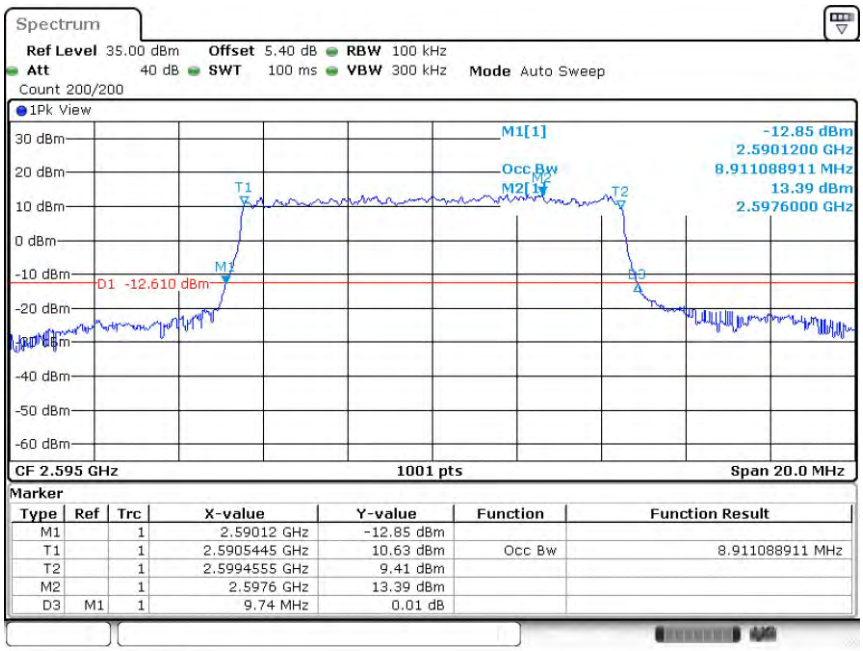
Band38-10MHz-64QAM-38000-50RB#0-8.911



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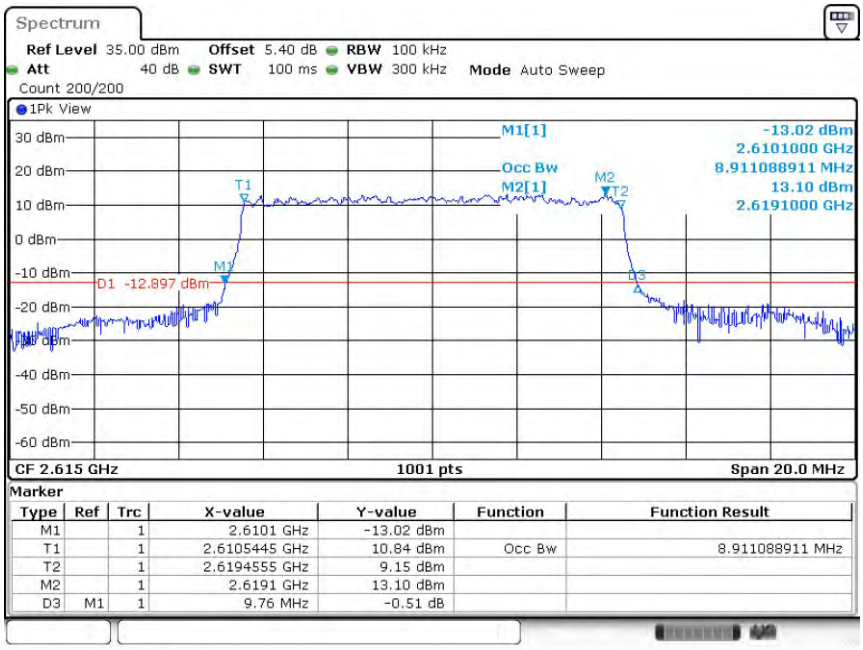

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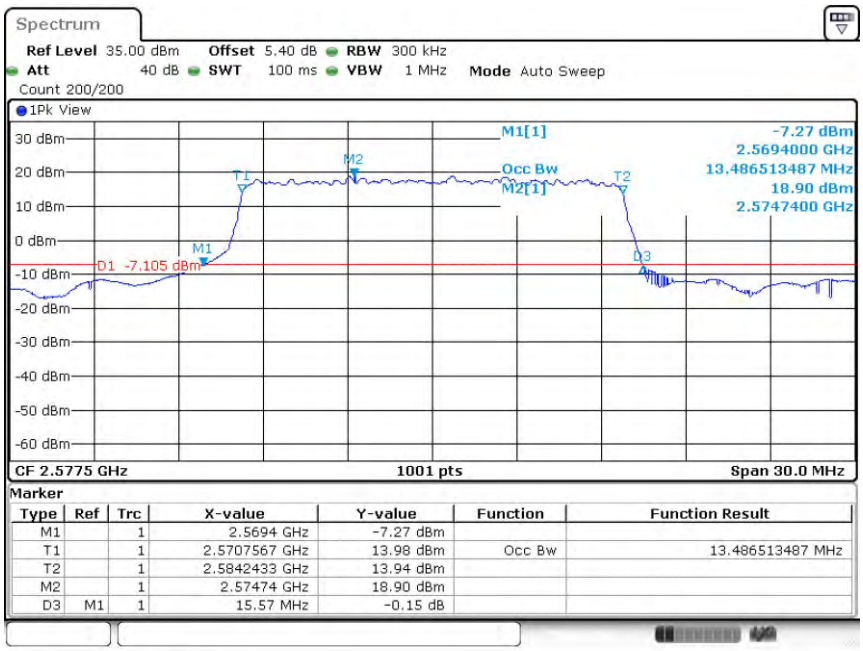
Band38-15MHz-QPSK-37825-75RB#0-13.487



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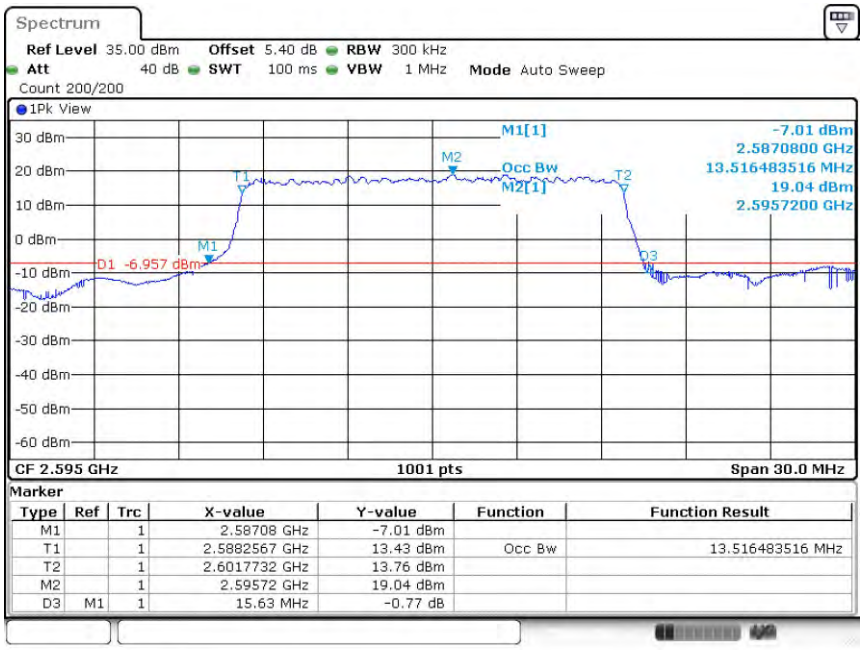
Band38-15MHz-QPSK-38000-75RB#0-13.516



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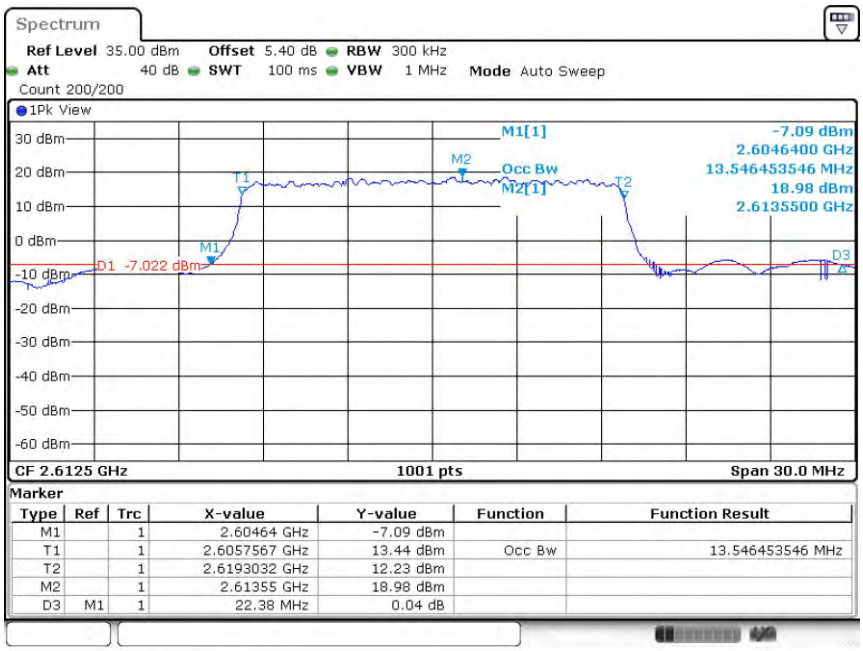
Type	Ref	Trc	X-value	Y-value	Function	Function Result
M1		1	2.58708 GHz	-7.01 dBm		
T1		1	2.5882567 GHz	13.43 dBm	Occ Bw	13.516483516 MHz
T2		1	2.6017732 GHz	13.76 dBm		
M2		1	2.59572 GHz	19.04 dBm		
D3	M1	1	15.63 MHz	-0.77 dB		

Date: 5.NOV.2020 14:29:16

Band38-15MHz-QPSK-38175-75RB#0-13.546



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Type	Ref	Trc	X-value	Y-value	Function	Function Result
M1		1	2.60464 GHz	-7.09 dBm		
T1		1	2.6057567 GHz	13.44 dBm	Occ Bw	13.546453546 MHz
T2		1	2.6193032 GHz	12.23 dBm		
M2		1	2.61355 GHz	18.98 dBm		
D3	M1	1	22.38 MHz	0.04 dB		

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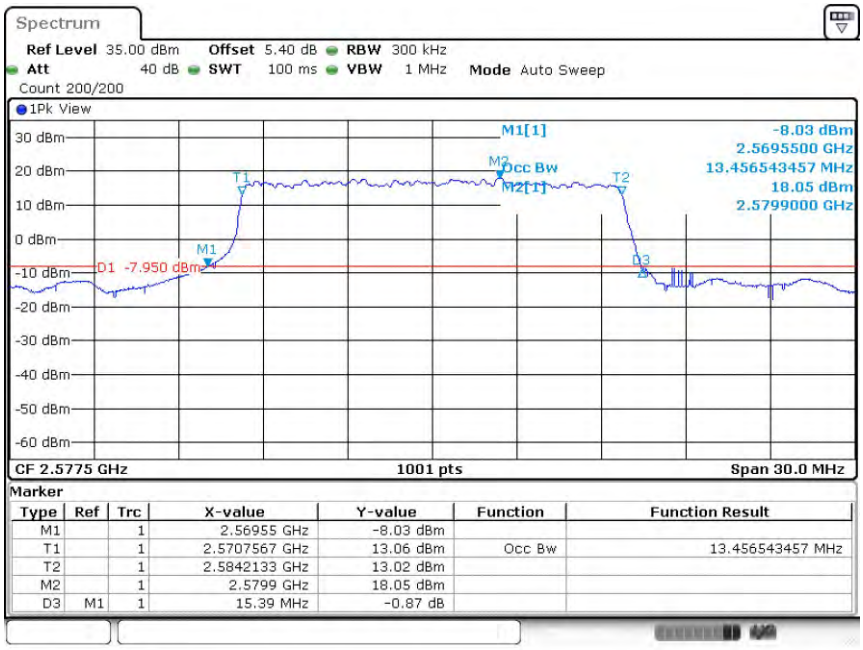
Band38-15MHz-16QAM-37825-75RB#0-13.457



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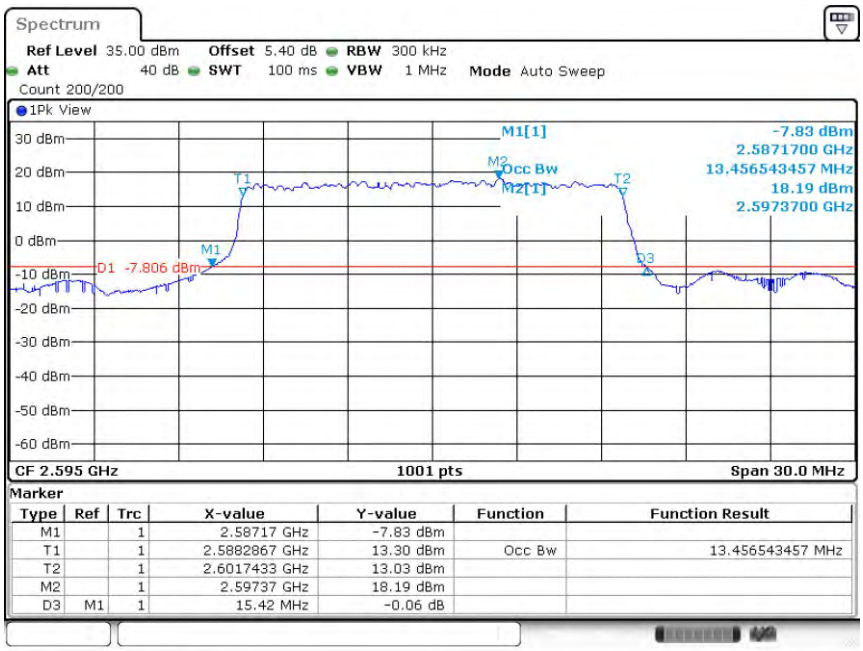
Type	Ref	Trc	X-value	Y-value	Function	Function Result
M1		1	2.56955 GHz	-8.03 dBm		
T1		1	2.5707567 GHz	13.06 dBm	Occ Bw	13.456543457 MHz
T2		1	2.5842133 GHz	13.02 dBm		
M2		1	2.5799 GHz	18.05 dBm		
D3	M1	1	15.39 MHz	-0.87 dB		

Date: 5.NOV.2020 14:23:38

Band38-15MHz-16QAM-38000-75RB#0-13.457



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Type	Ref	Trc	X-value	Y-value	Function	Function Result
M1		1	2.58717 GHz	-7.83 dBm		
T1		1	2.5882867 GHz	13.30 dBm	Occ Bw	13.456543457 MHz
T2		1	2.6017433 GHz	13.03 dBm		
M2		1	2.59737 GHz	18.19 dBm		
D3	M1	1	15.42 MHz	-0.06 dB		

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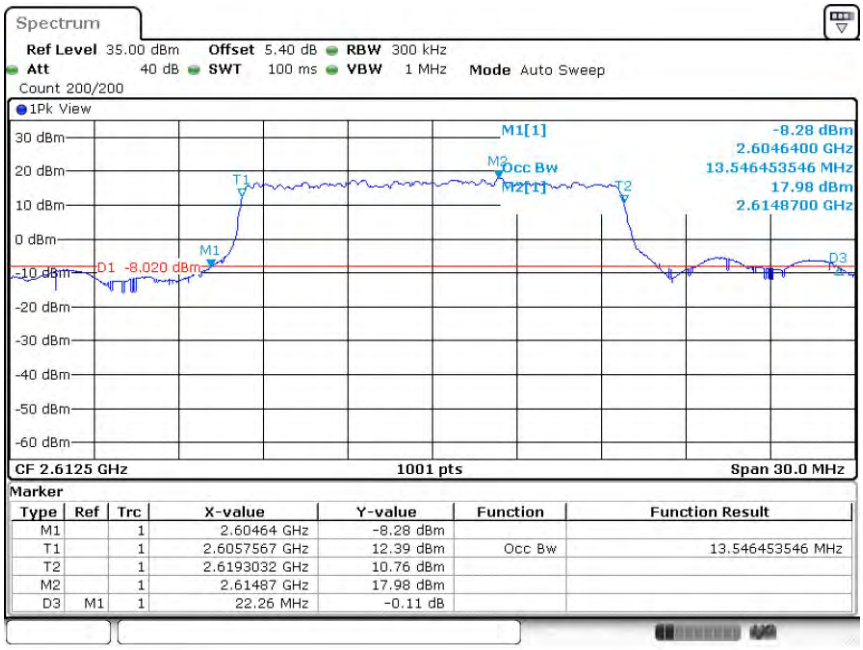
Band38-15MHz-16QAM-38175-75RB#0-13.546

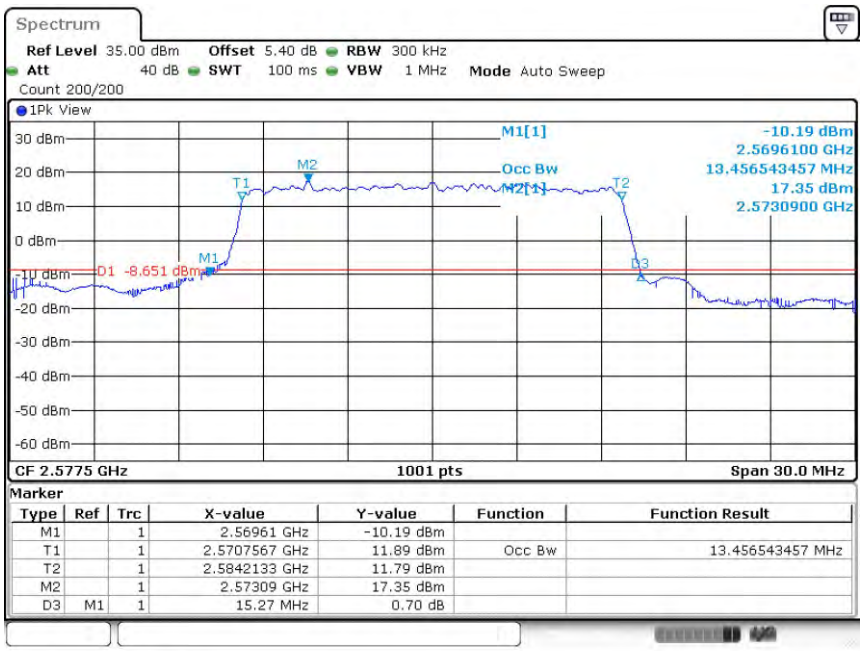


Marker

Type	Ref	Trc	X-value	Y-value	Function	Function Result
M1		1	2.60464 GHz	-8.28 dBm		
T1		1	2.6057567 GHz	12.39 dBm	Occ Bw	13.546453546 MHz
T2		1	2.6193032 GHz	10.76 dBm		
M2		1	2.61487 GHz	17.98 dBm		
D3	M1	1	22.26 MHz	-0.11 dB		

Date: 5.NOV.2020 14:34:09

Band38-15MHz-64QAM-37825-75RB#0-13.457



Marker

Type	Ref	Trc	X-value	Y-value	Function	Function Result
M1		1	2.56961 GHz	-10.19 dBm		
T1		1	2.5707567 GHz	11.89 dBm	Occ Bw	13.456543457 MHz
T2		1	2.5842133 GHz	11.79 dBm		
M2		1	2.57309 GHz	17.35 dBm		
D3	M1	1	15.27 MHz	0.70 dB		

Date: 5.NOV.2020 14:05:16

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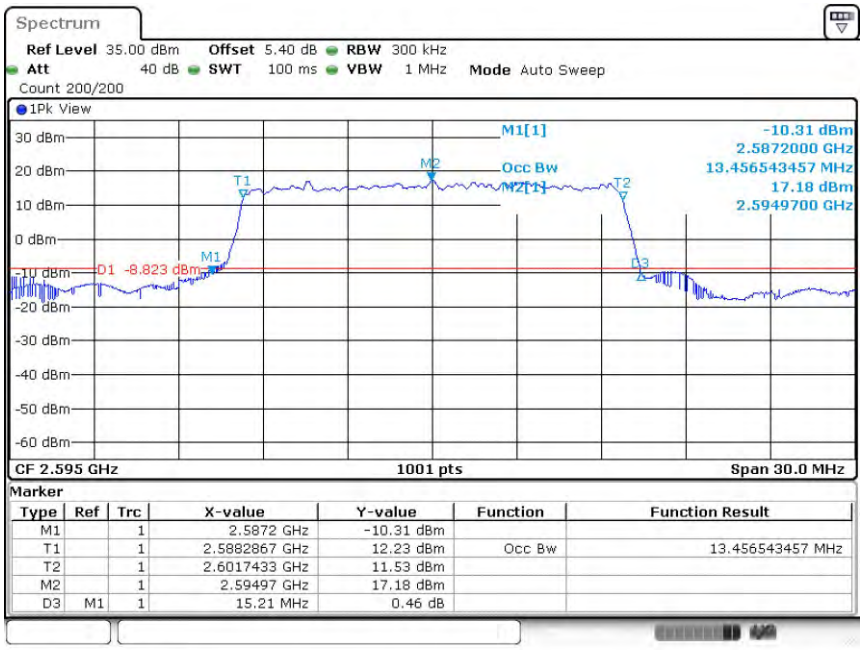
Band38-15MHz-64QAM-38000-75RB#0-13.457



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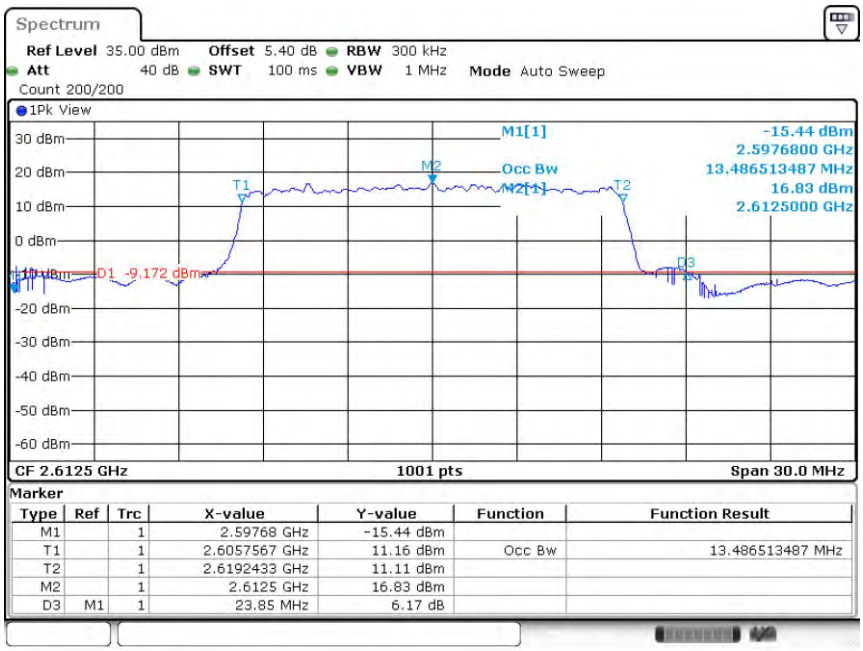

Date: 5.NOV.2020 14:08:59

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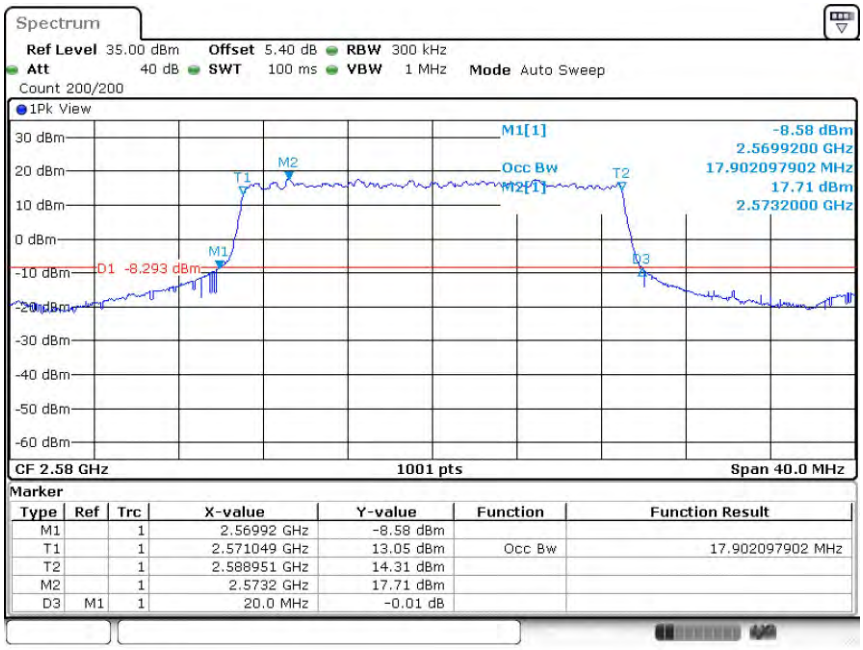
Band38-20MHz-QPSK-37850-100RB#0-17.902



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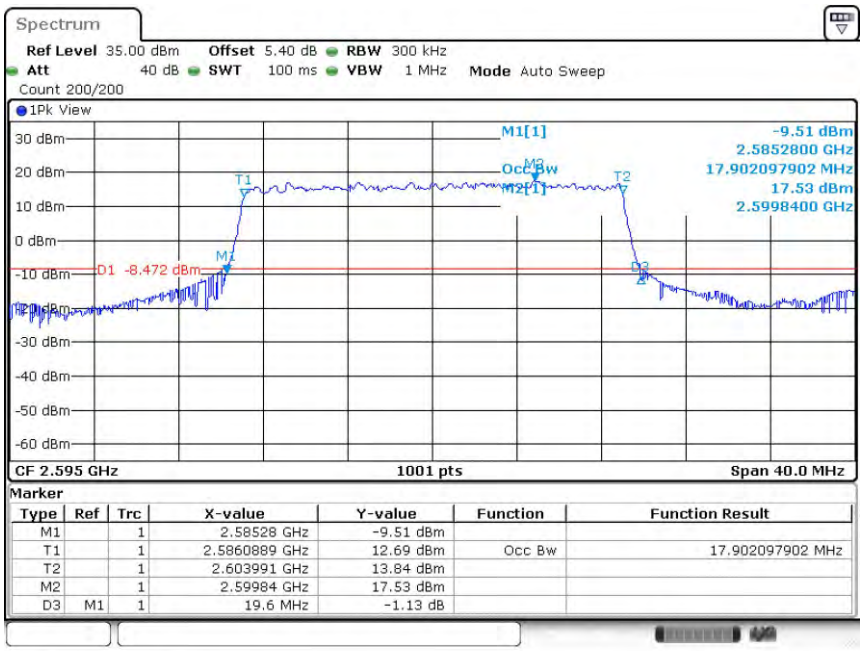
Band38-20MHz-QPSK-38000-100RB#0-17.902



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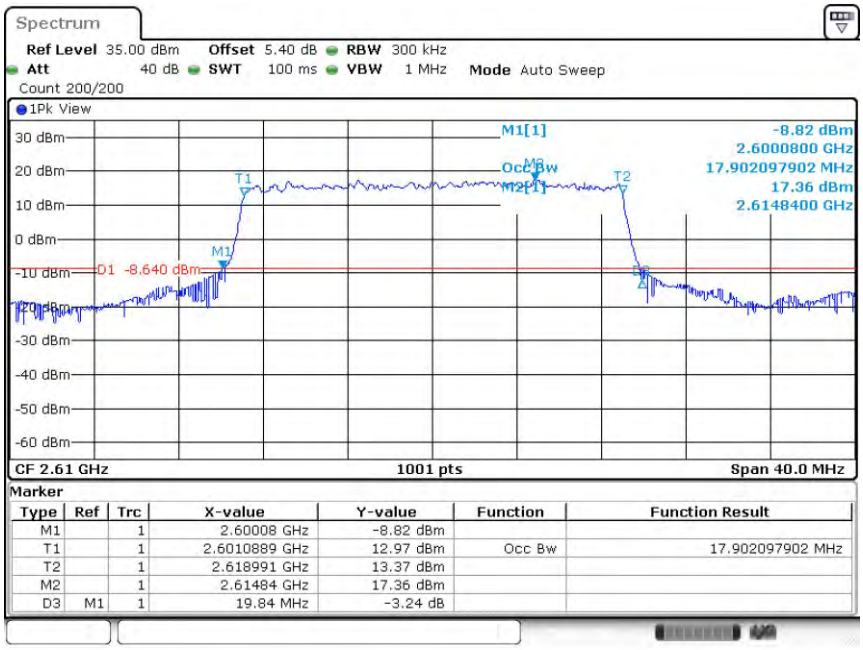
Band38-20MHz-QPSK-38150-100RB#0-17.902



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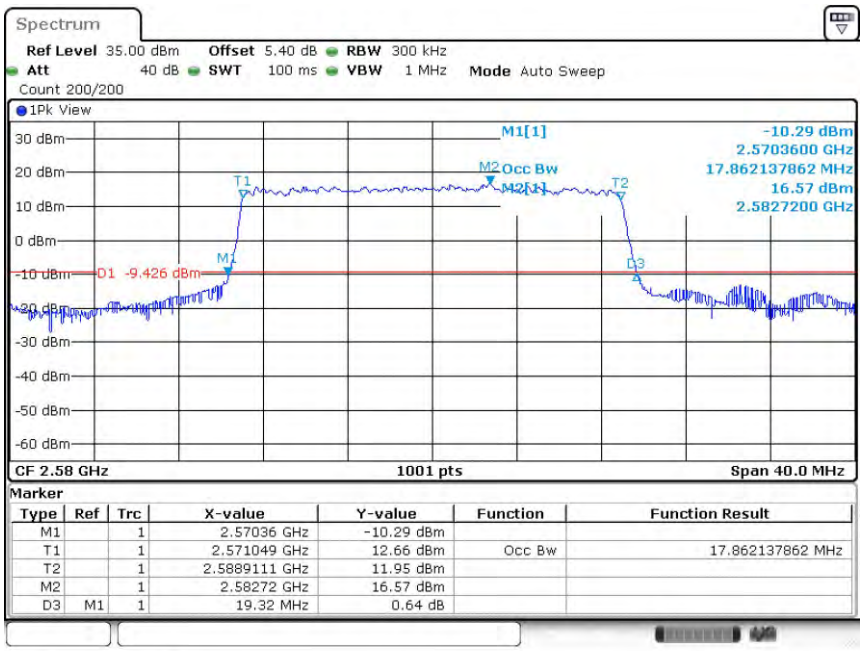
Band38-20MHz-16QAM-37850-100RB#0-17.862



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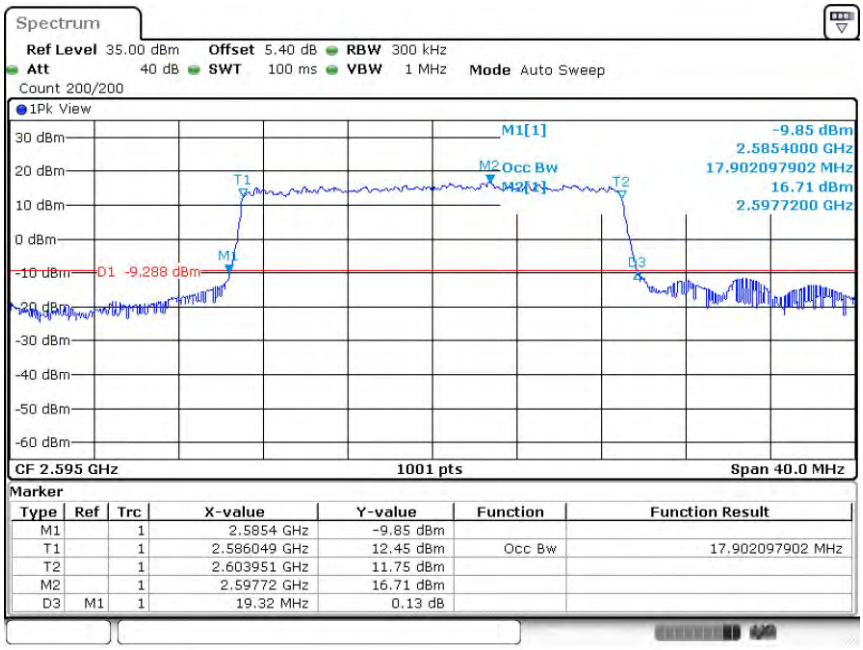

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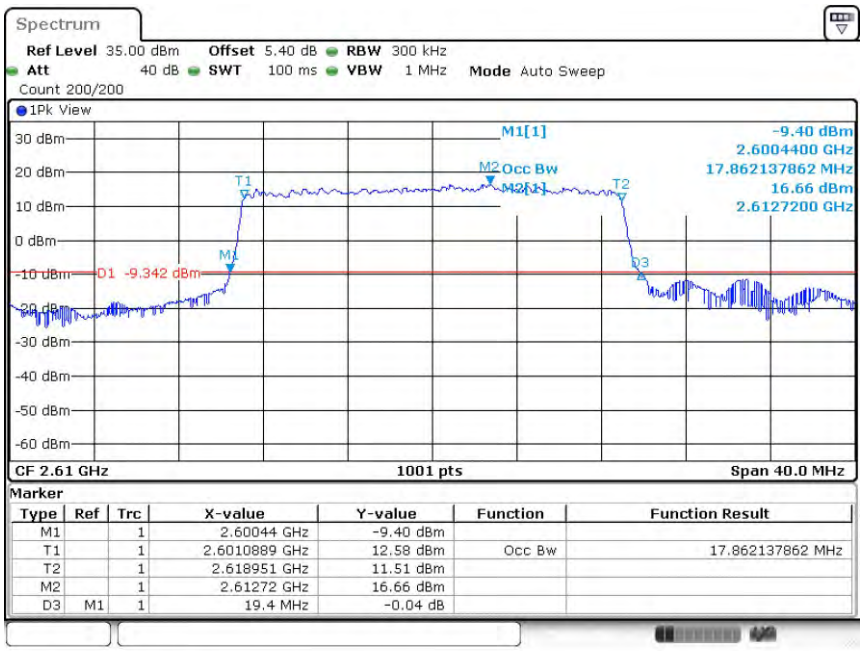
Band38-20MHz-16QAM-38150-100RB#0-17.862



Date: 5.NOV.2020 12:16:08

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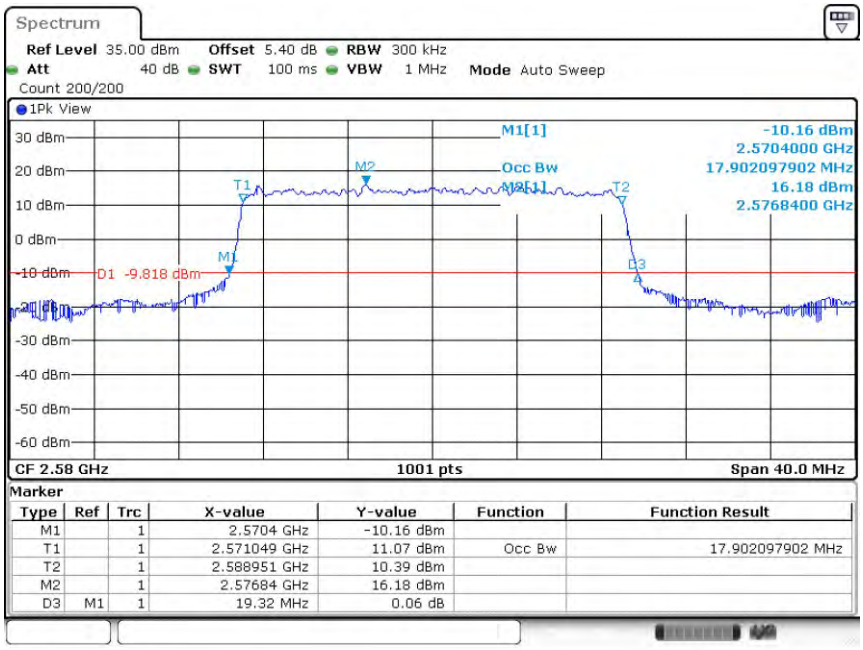

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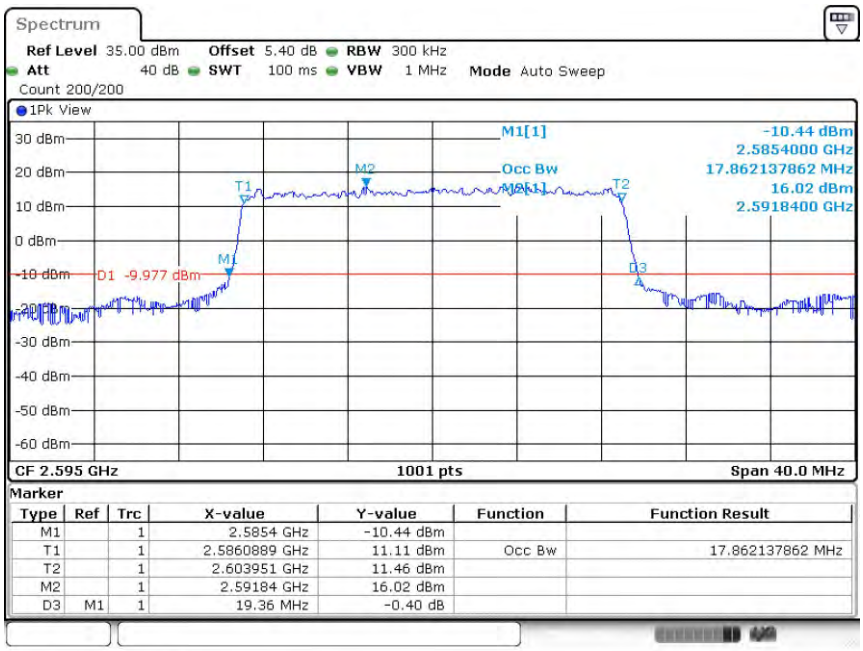

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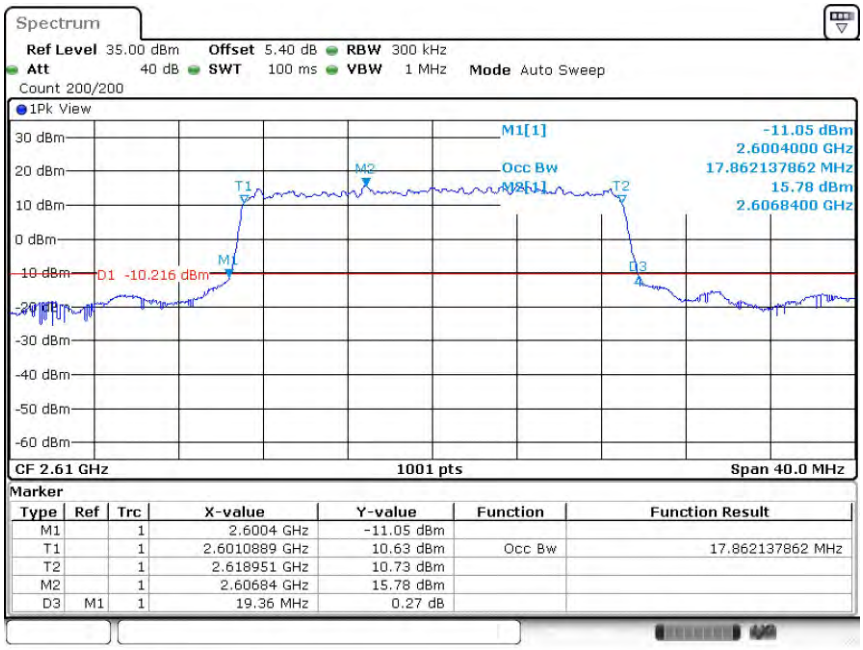

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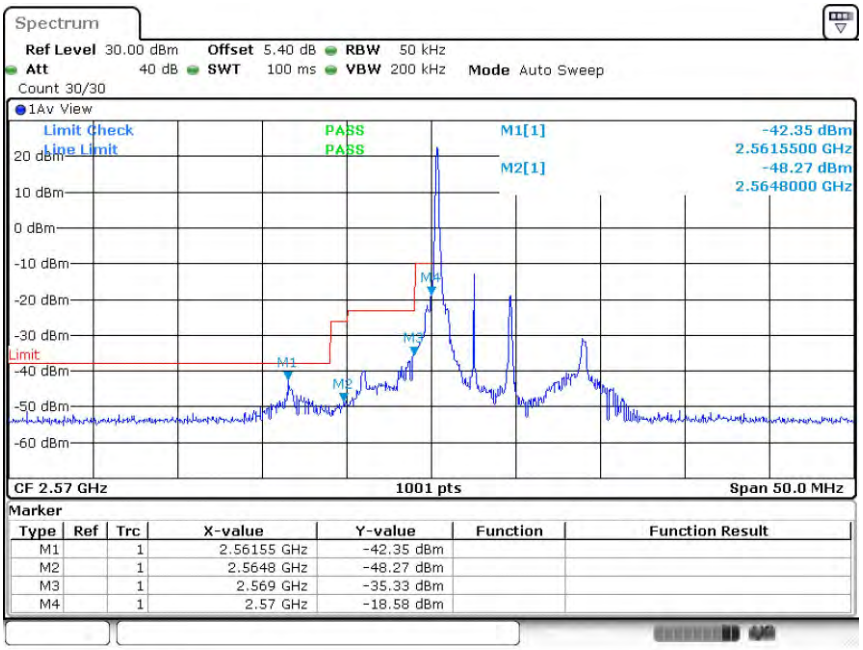
5 Band Edge Compliance

5.1 Test Plots

Band38-5MHz-QPSK-37775-1RB#0



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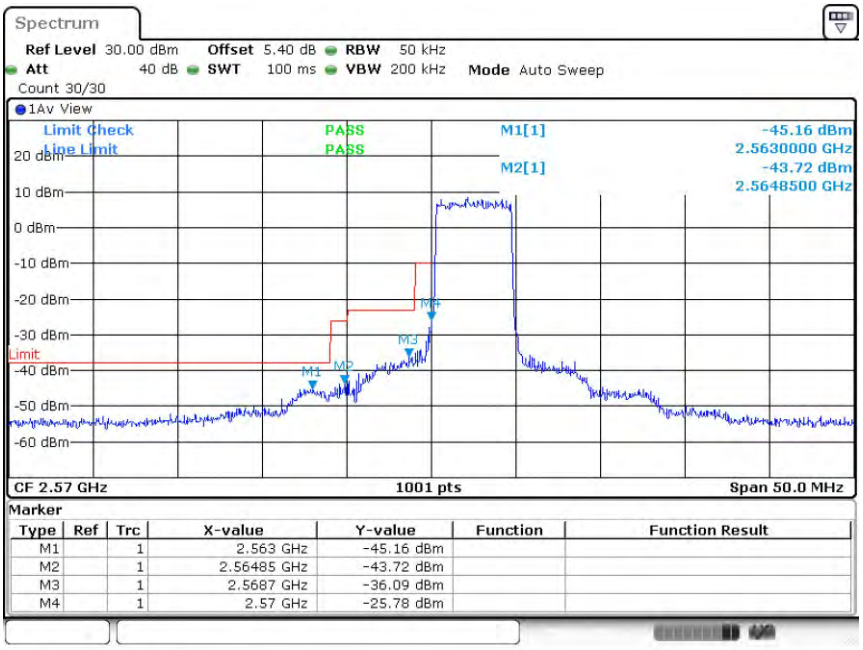

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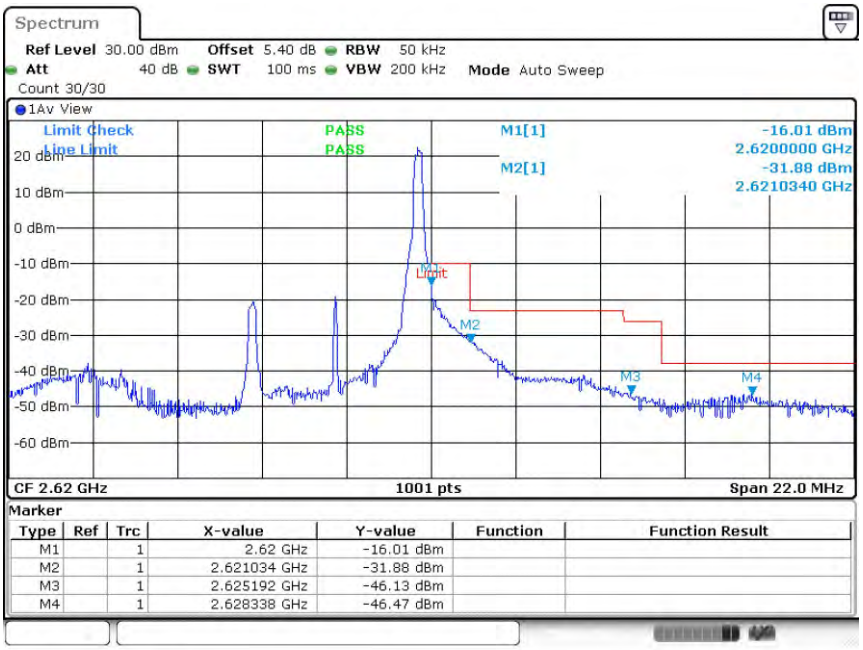
Band38-5MHz-QPSK-38225-1RB#24



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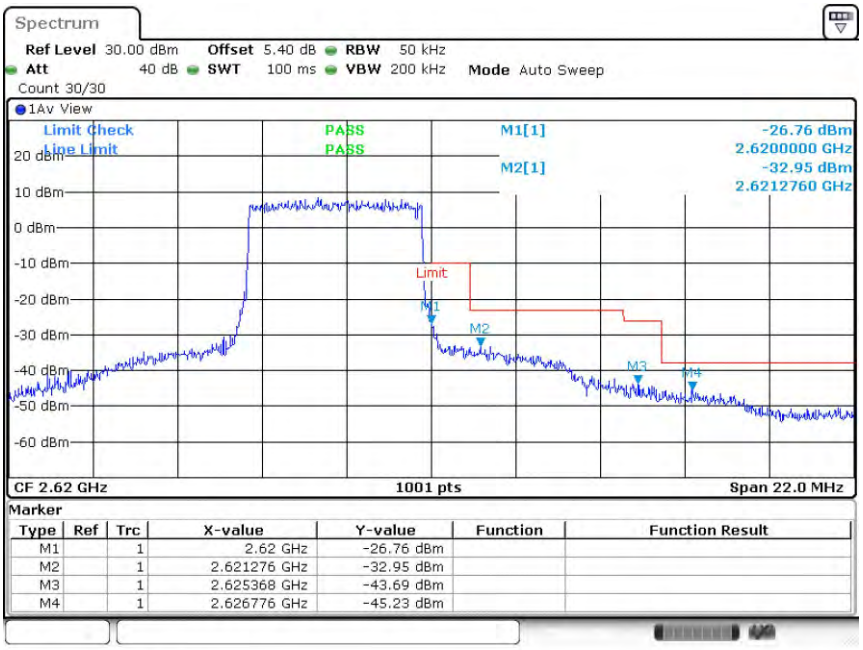
Band38-5MHz-QPSK-38225-25RB#0



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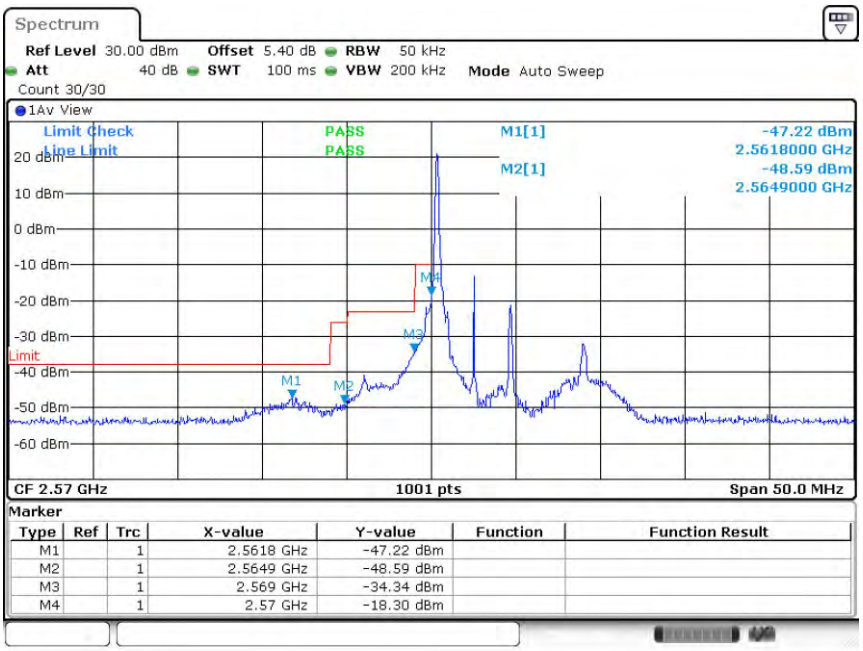
Band38-5MHz-16QAM-37775-1RB#0



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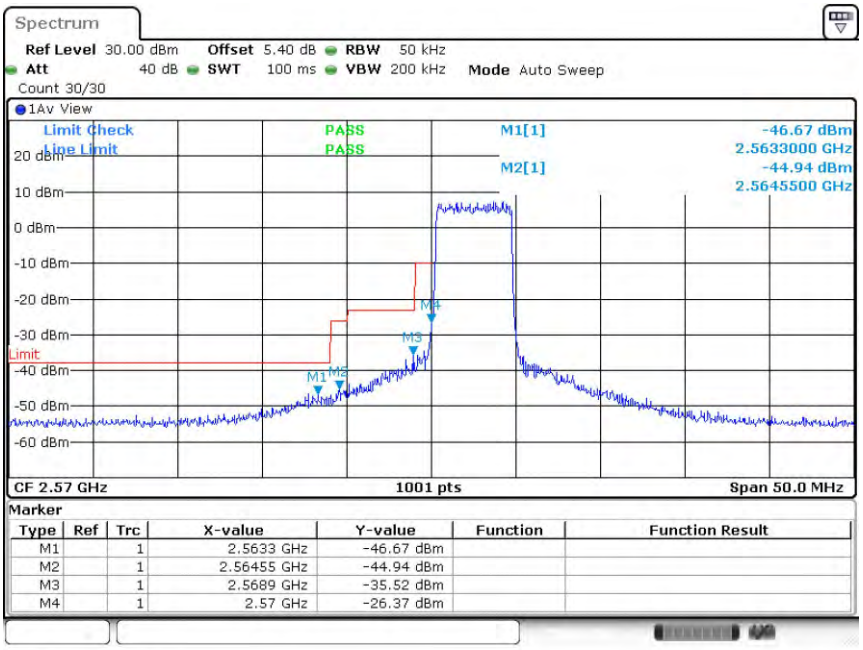
Band38-5MHz-16QAM-37775-25RB#0



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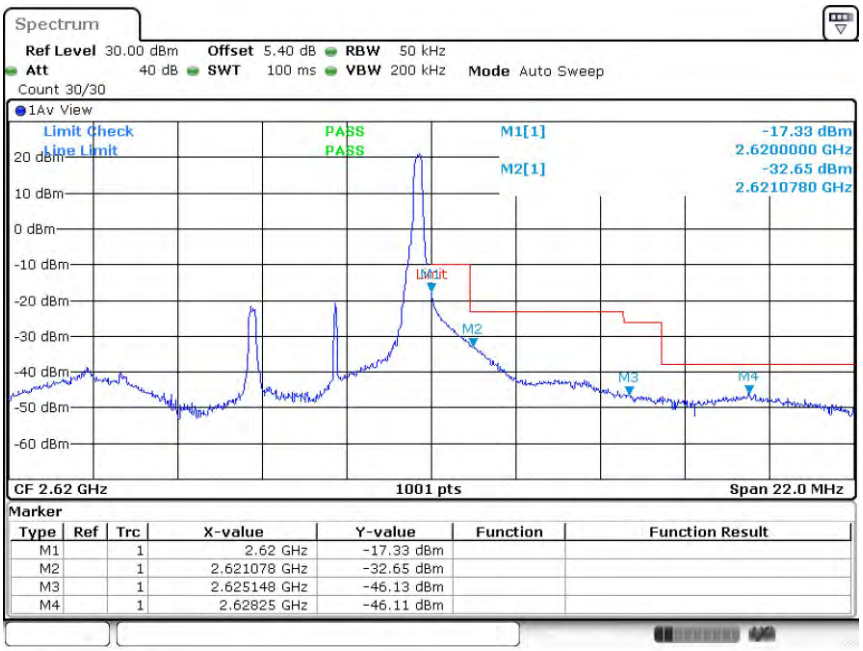

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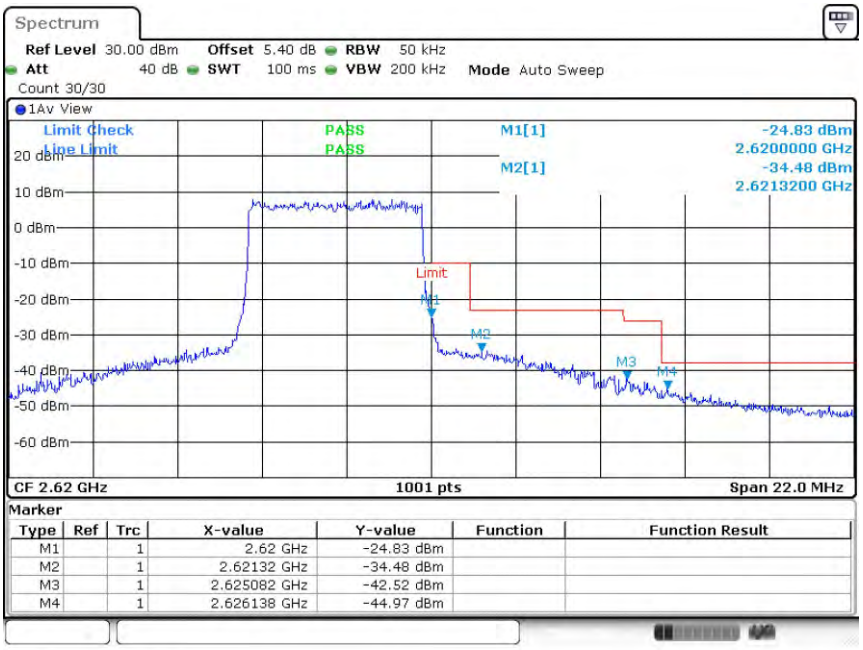
Band38-5MHz-16QAM-38225-25RB#0



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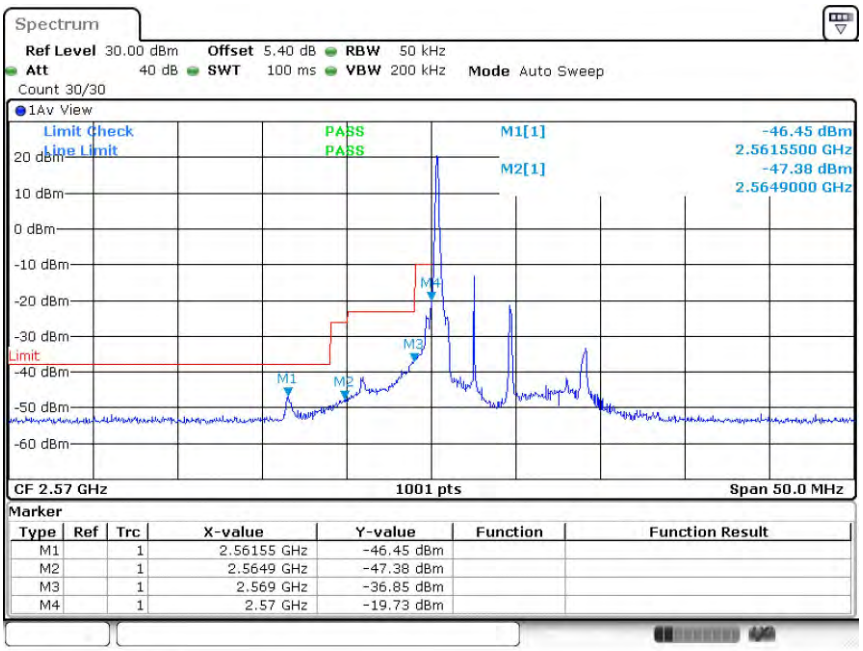
Band38-5MHz-64QAM-37775-1RB#0



Date: 5.NOV.2020 14:51:32

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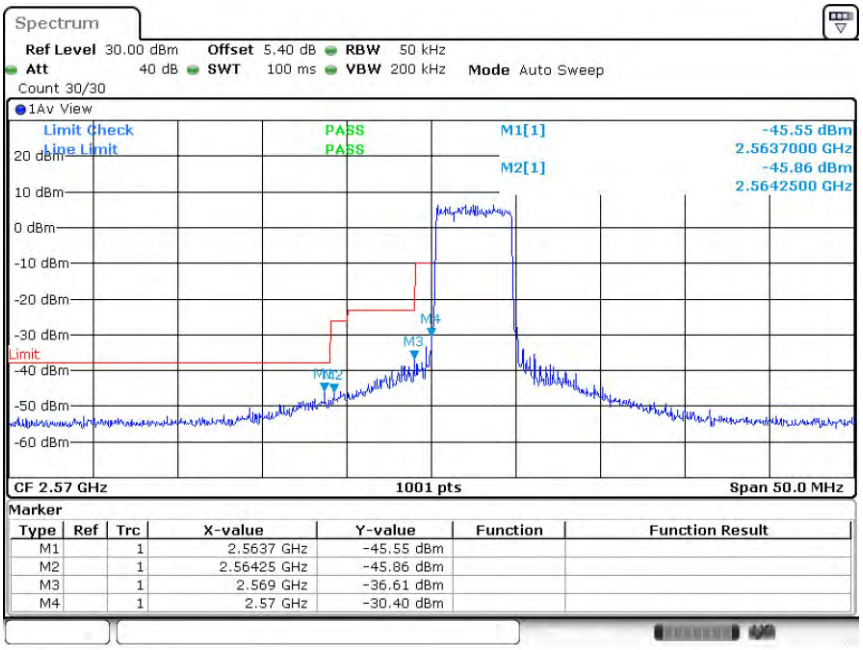
Band38-5MHz-64QAM-37775-25RB#0



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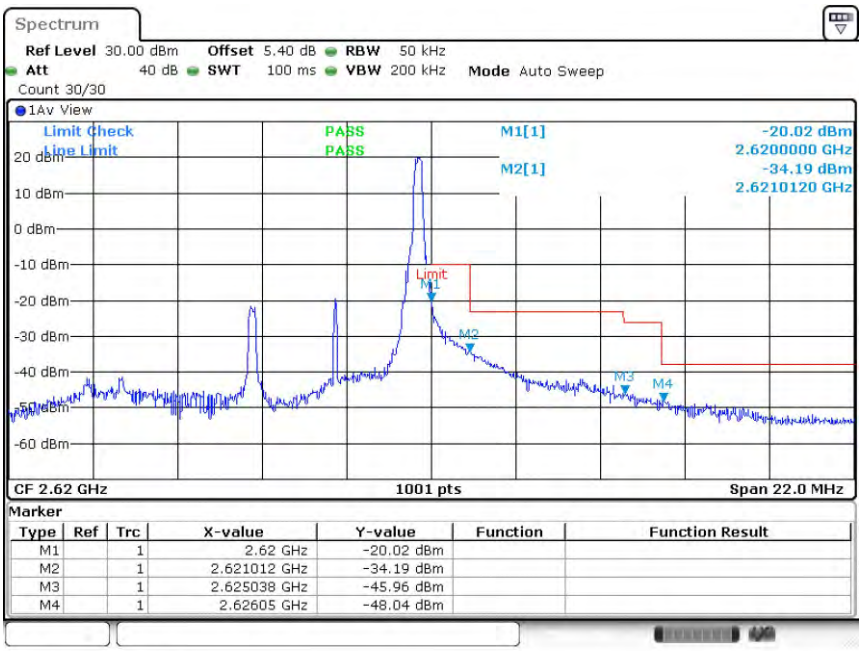

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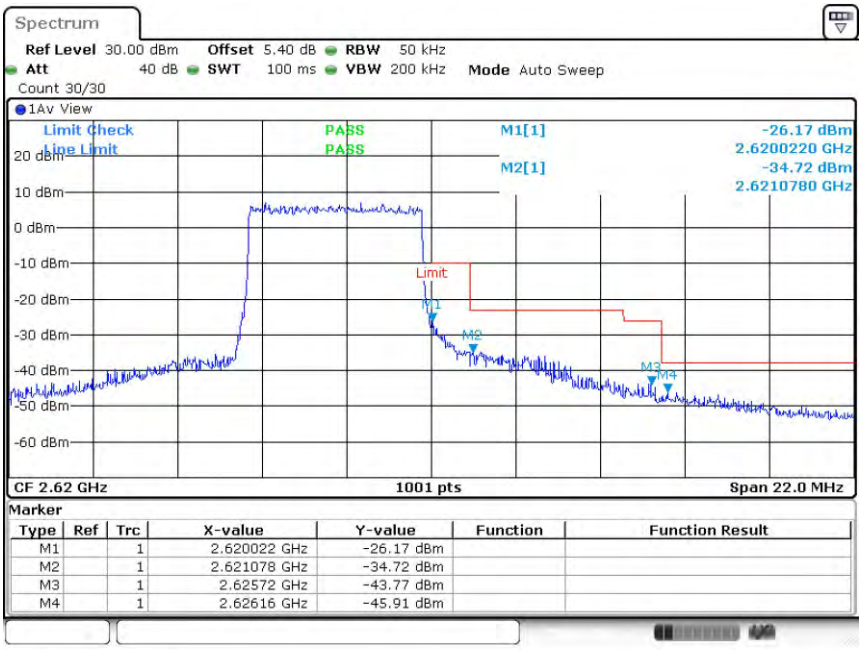

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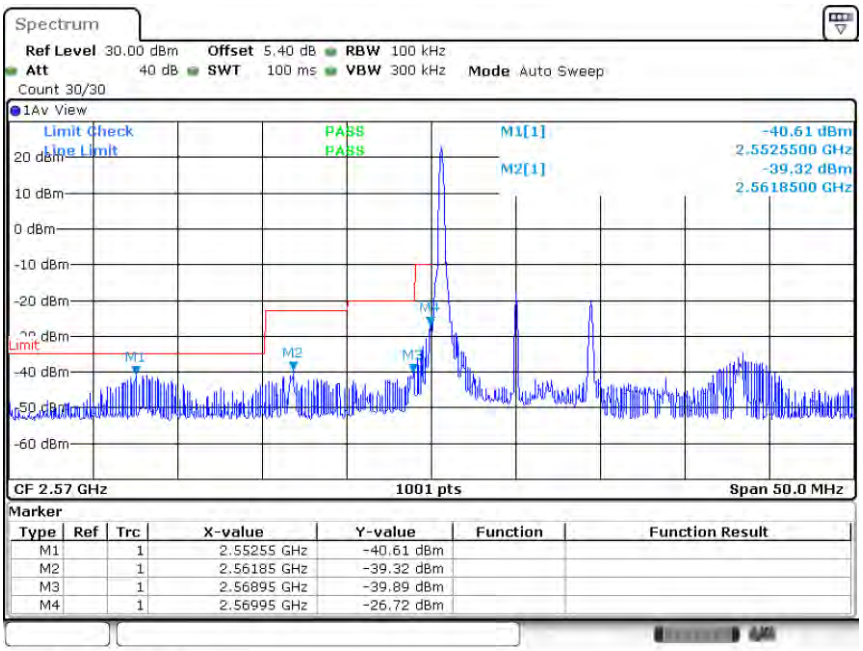
Band38-10MHz-QPSK-37800-1RB#0



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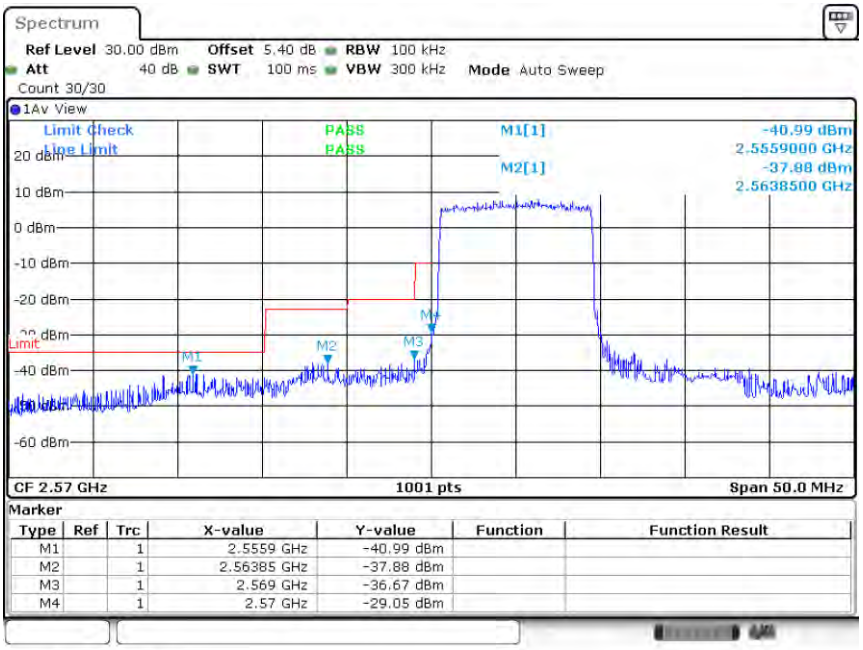
Band38-10MHz-QPSK-37800-50RB#0



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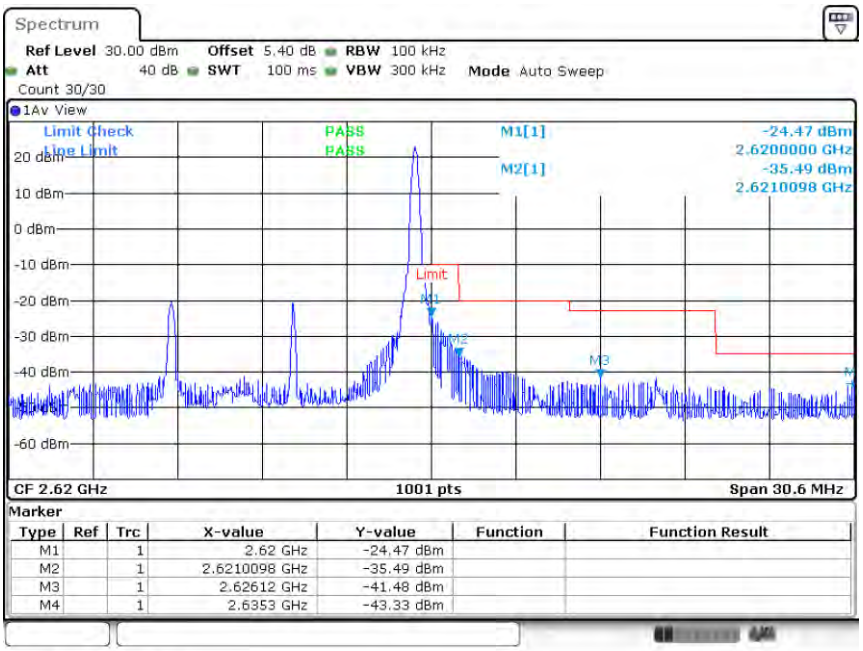
Band38-10MHz-QPSK-38200-1RB#49



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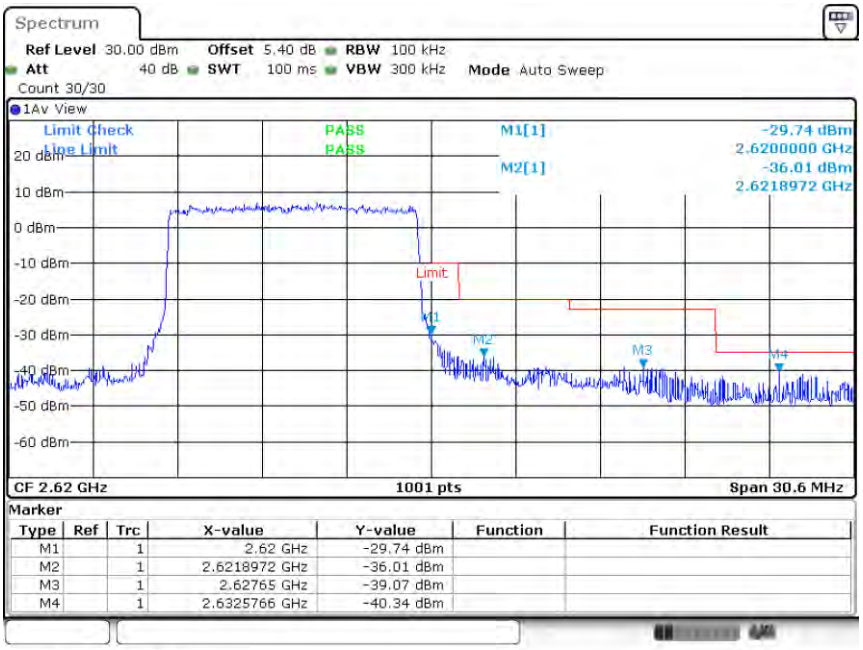
Band38-10MHz-QPSK-38200-50RB#0



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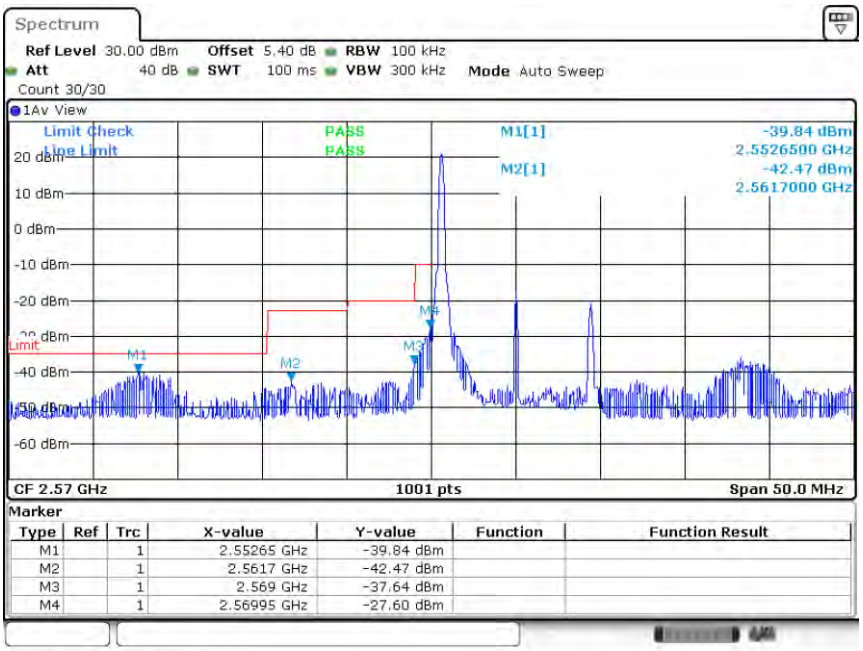

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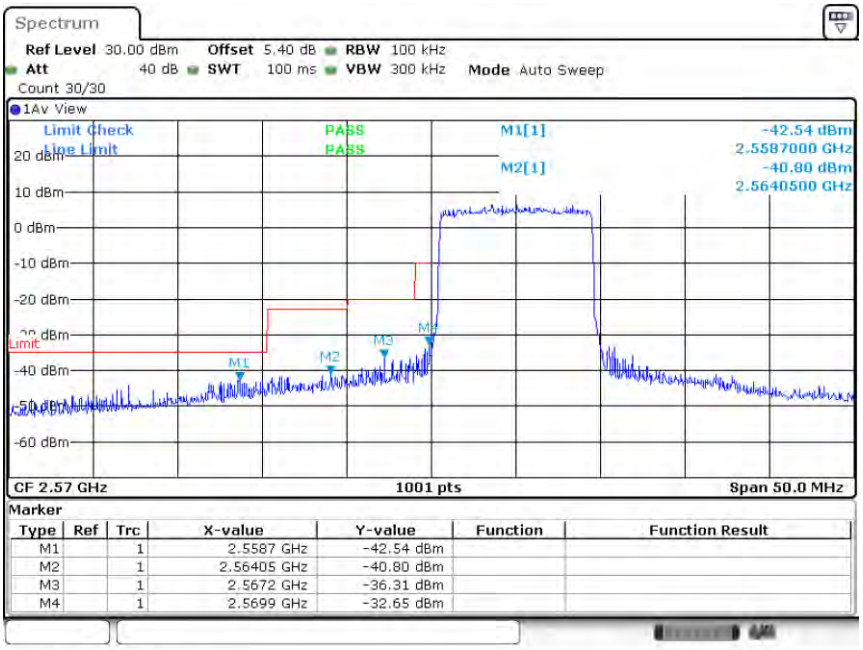
Band38-10MHz-16QAM-37800-50RB#0



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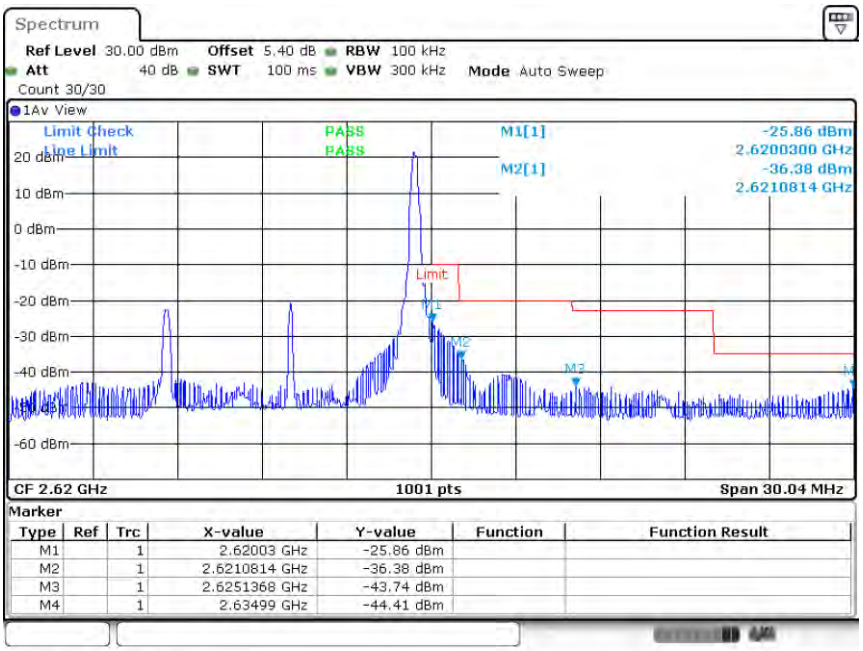
Band38-10MHz-16QAM-38200-1RB#49



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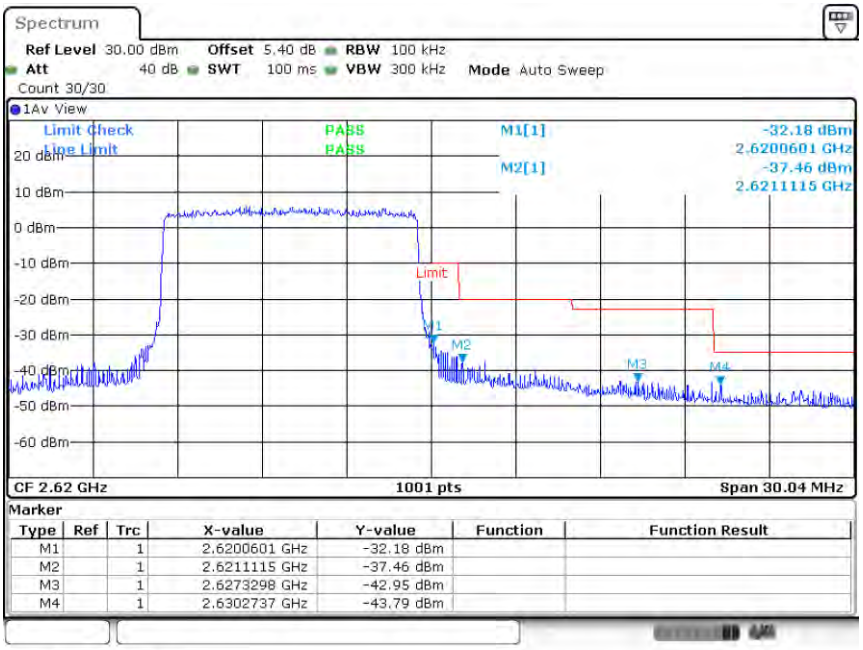
Band38-10MHz-16QAM-38200-50RB#0



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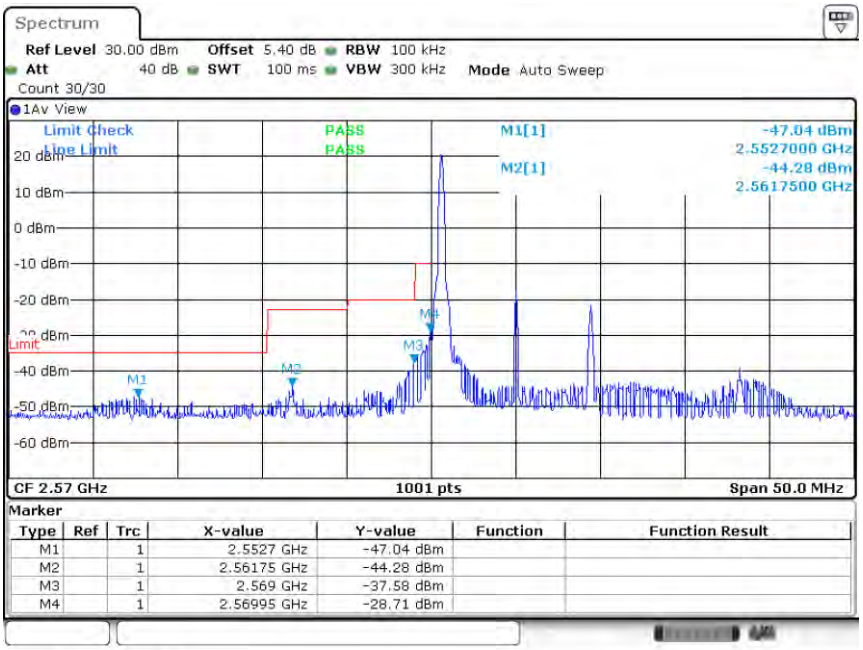

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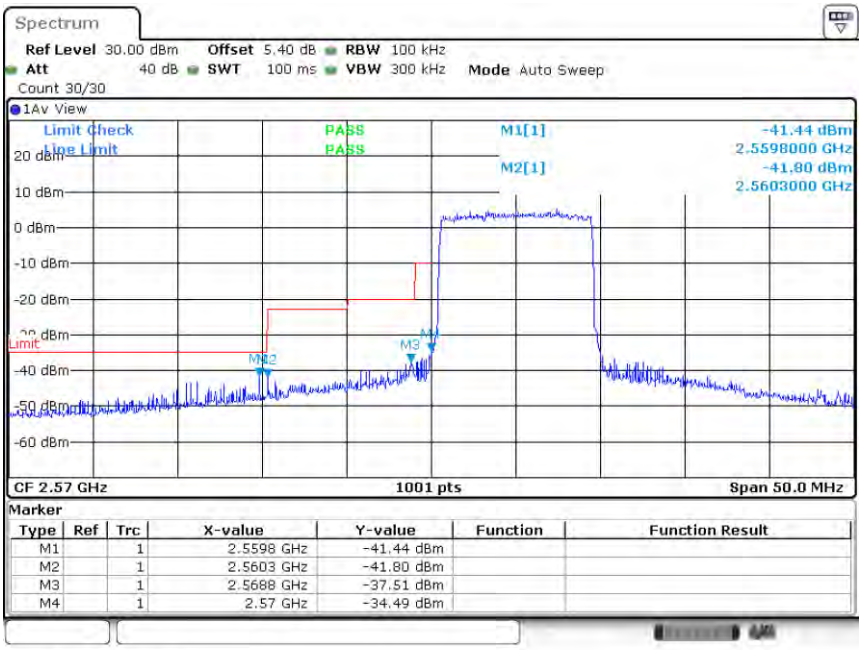
Band38-10MHz-64QAM-37800-50RB#0



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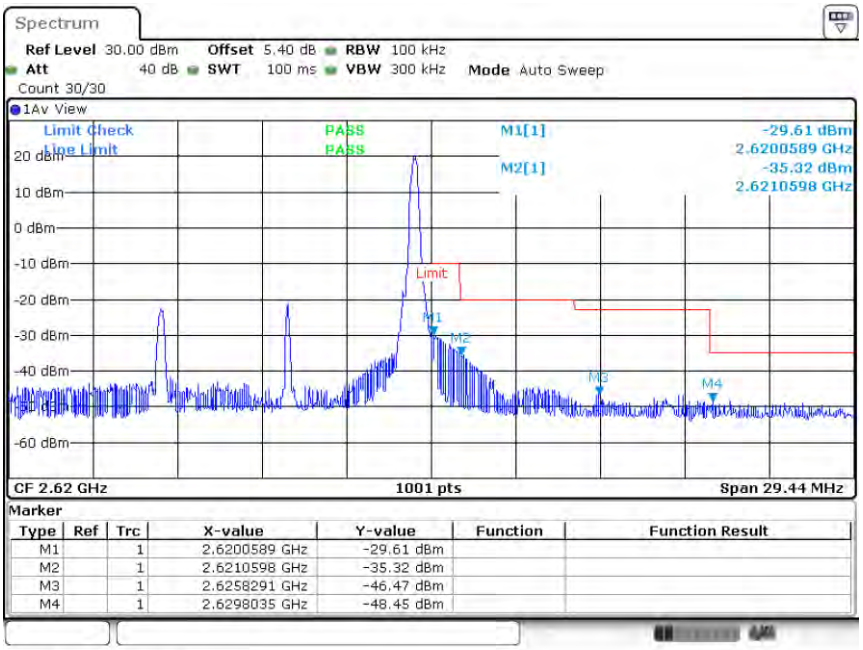
Band38-10MHz-64QAM-38200-1RB#49



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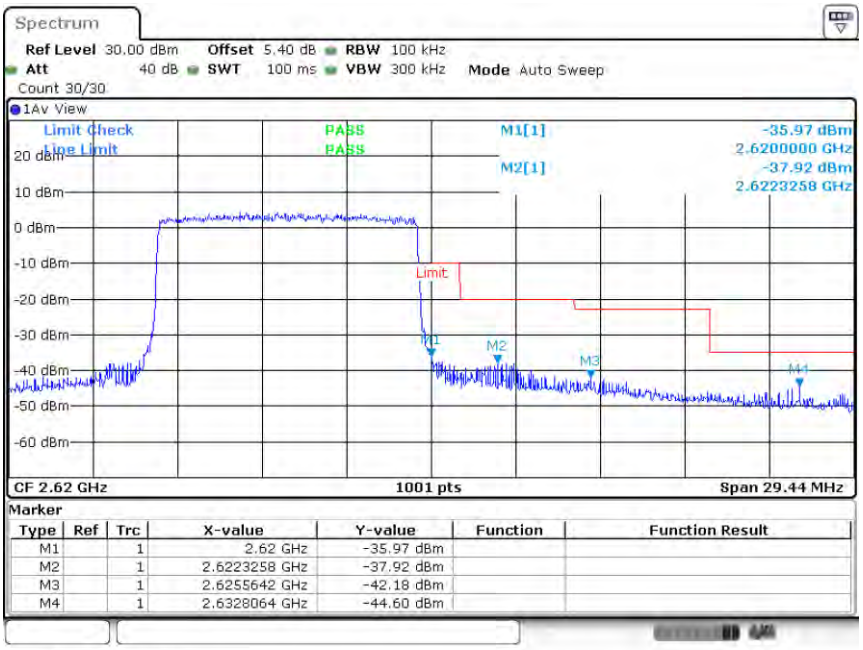
Band38-10MHz-64QAM-38200-50RB#0



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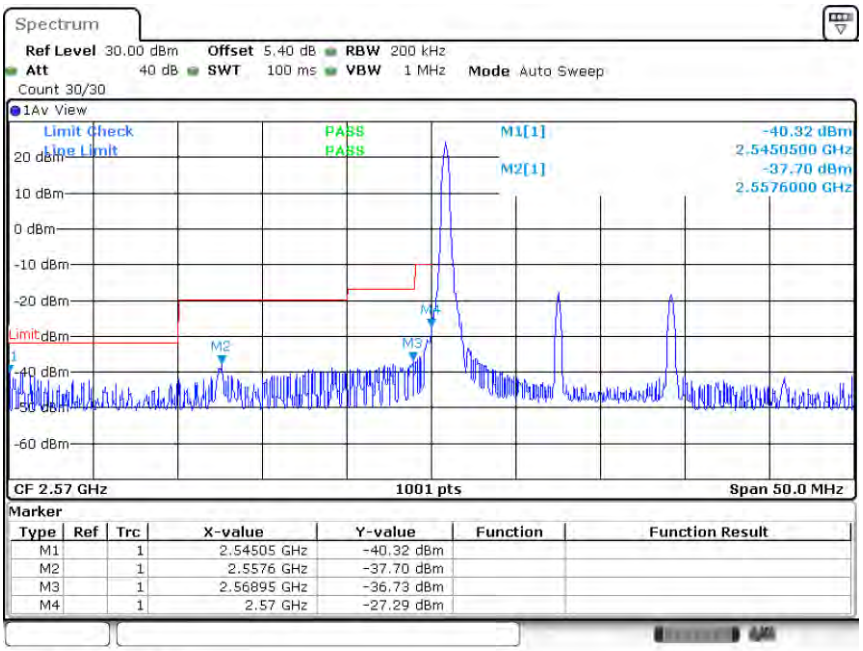

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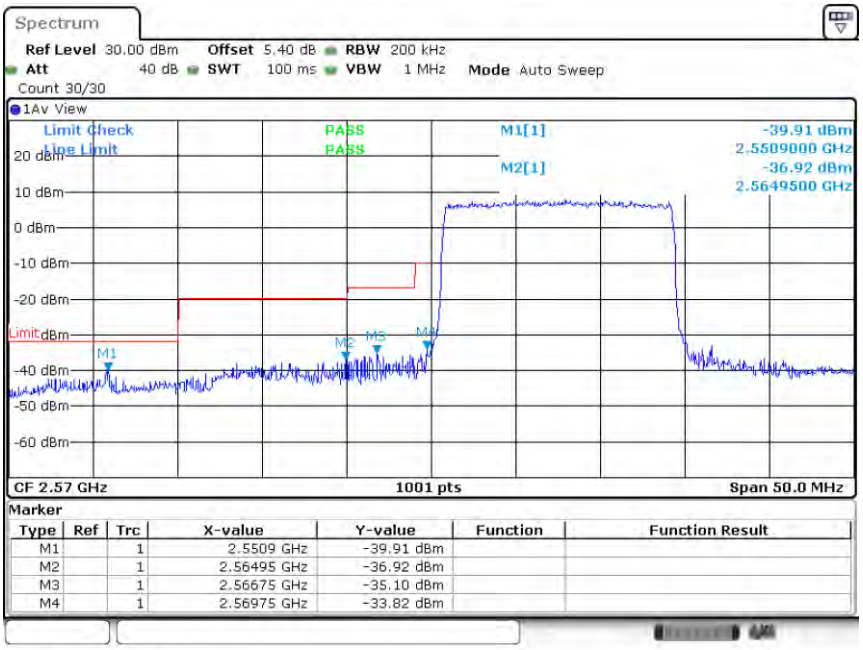
Band38-15MHz-QPSK-37825-75RB#0



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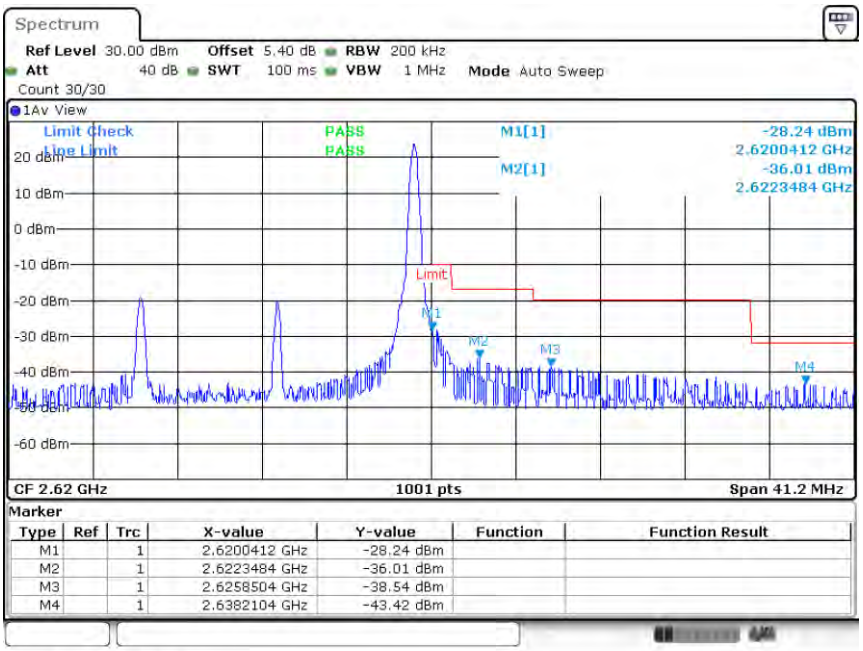

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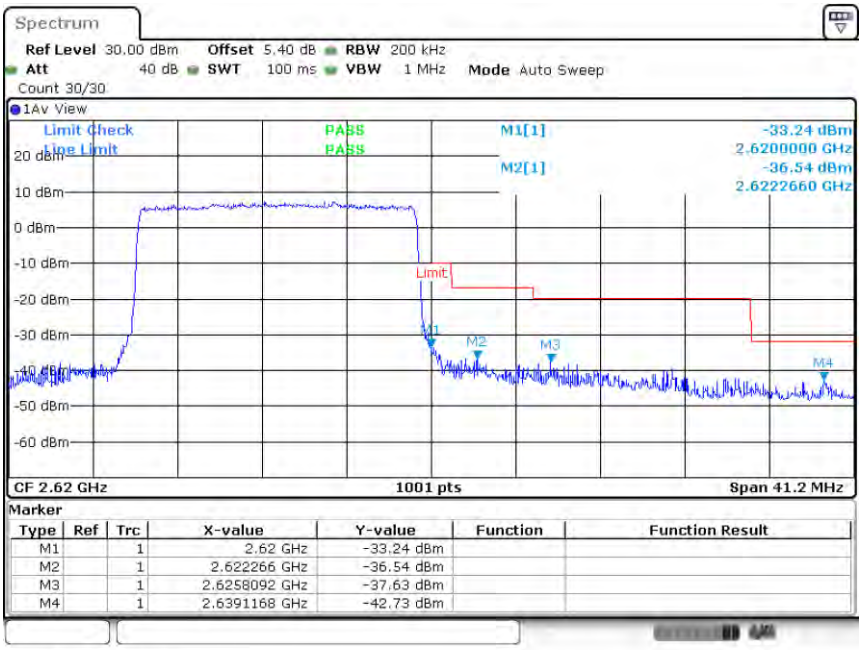
Band38-15MHz-QPSK-38175-75RB#0



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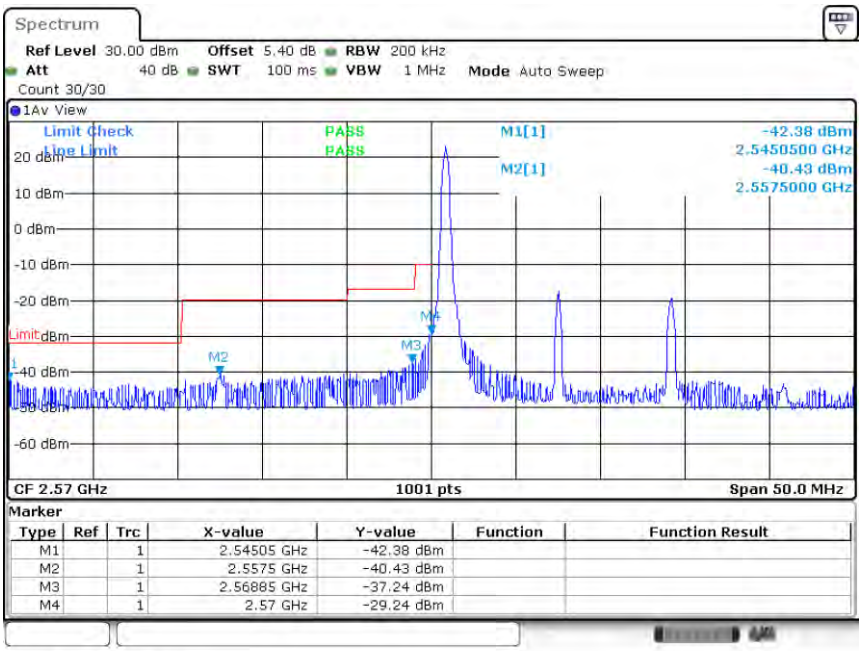

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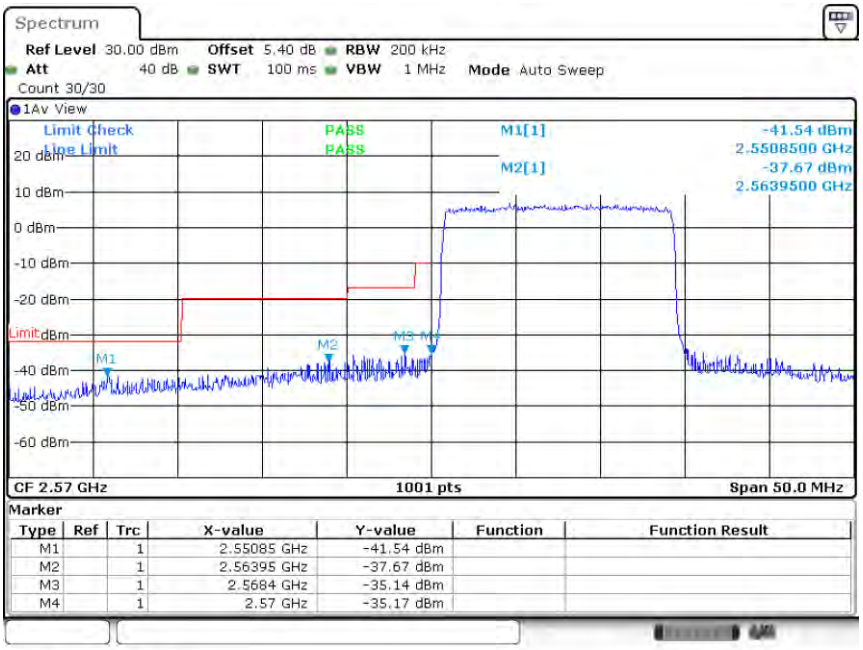
Band38-15MHz-16QAM-37825-75RB#0



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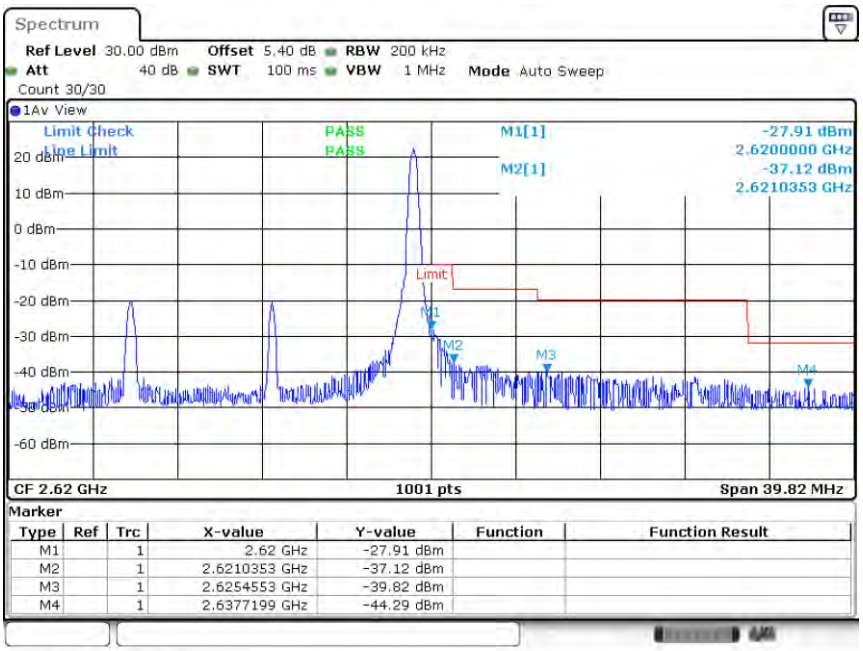
Band38-15MHz-16QAM-38175-1RB#74



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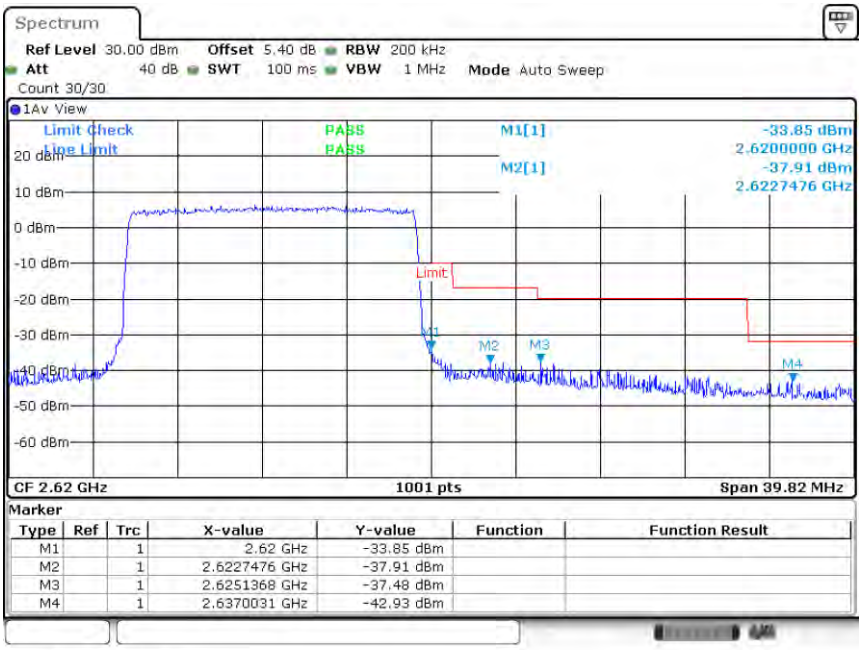
Band38-15MHz-16QAM-38175-75RB#0



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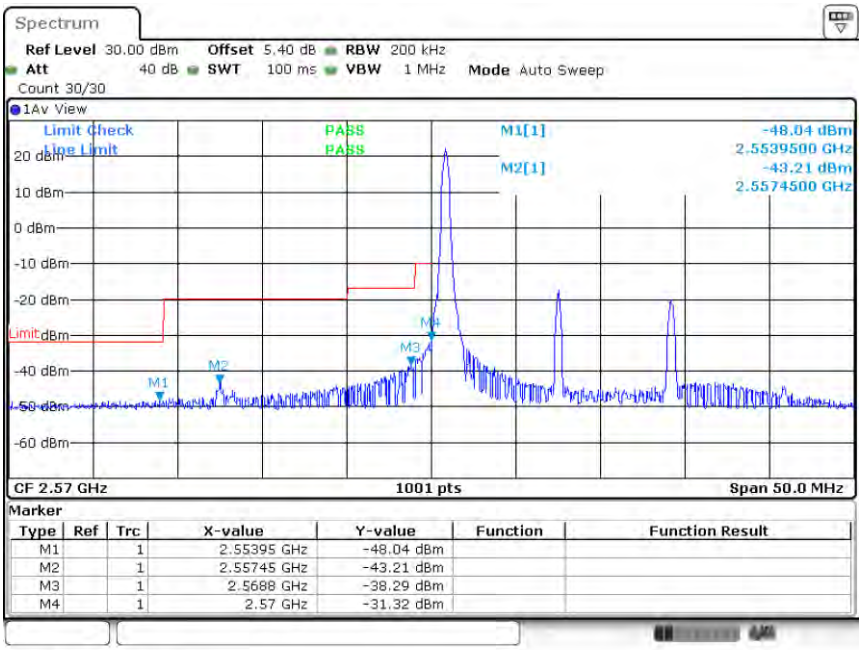
Band38-15MHz-64QAM-37825-1RB#0



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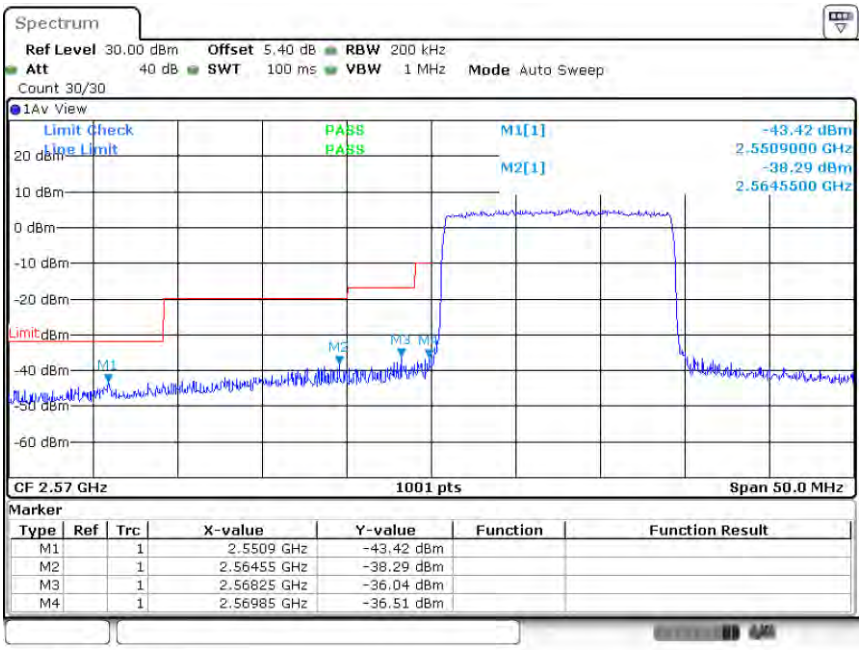

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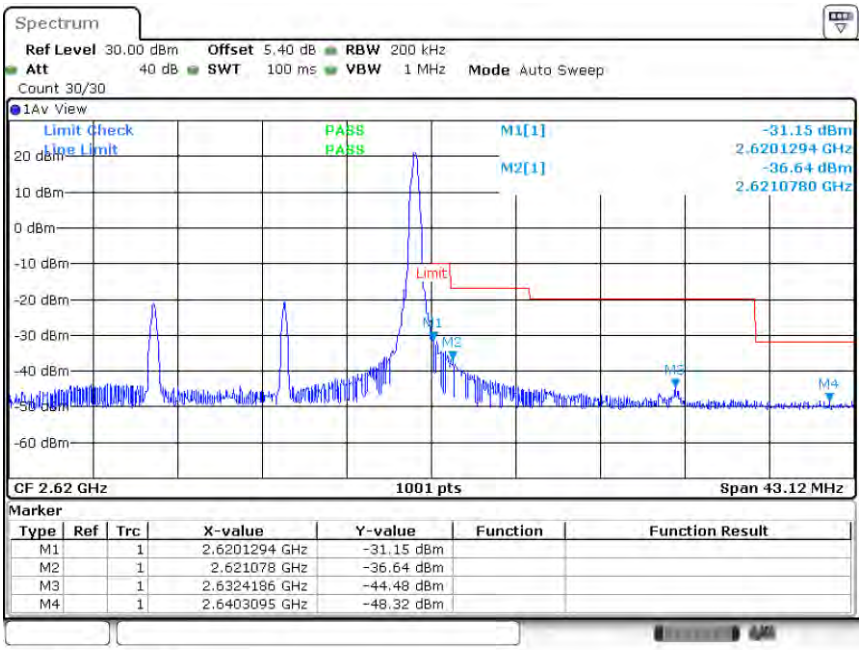
Band38-15MHz-64QAM-38175-1RB#74



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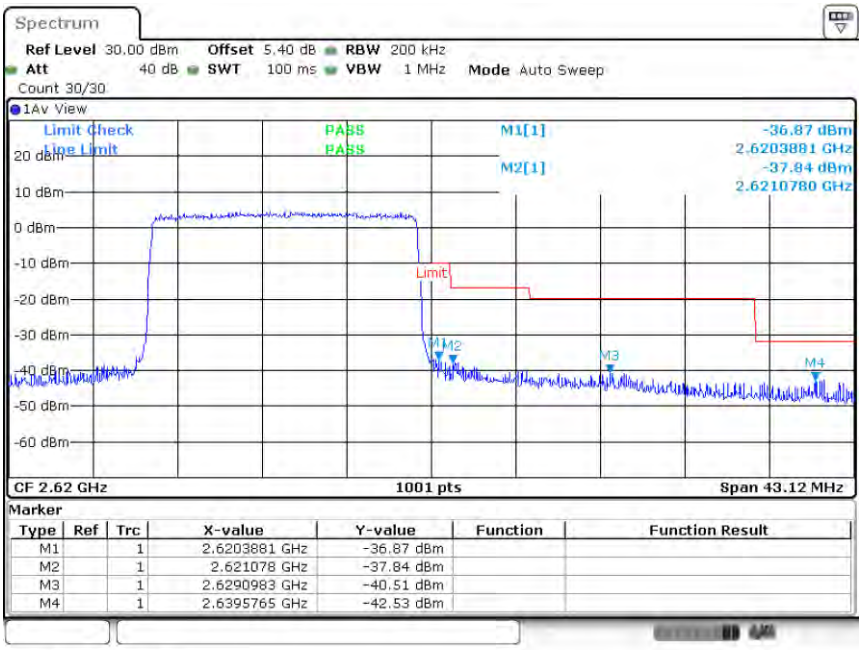
Band38-15MHz-64QAM-38175-75RB#0



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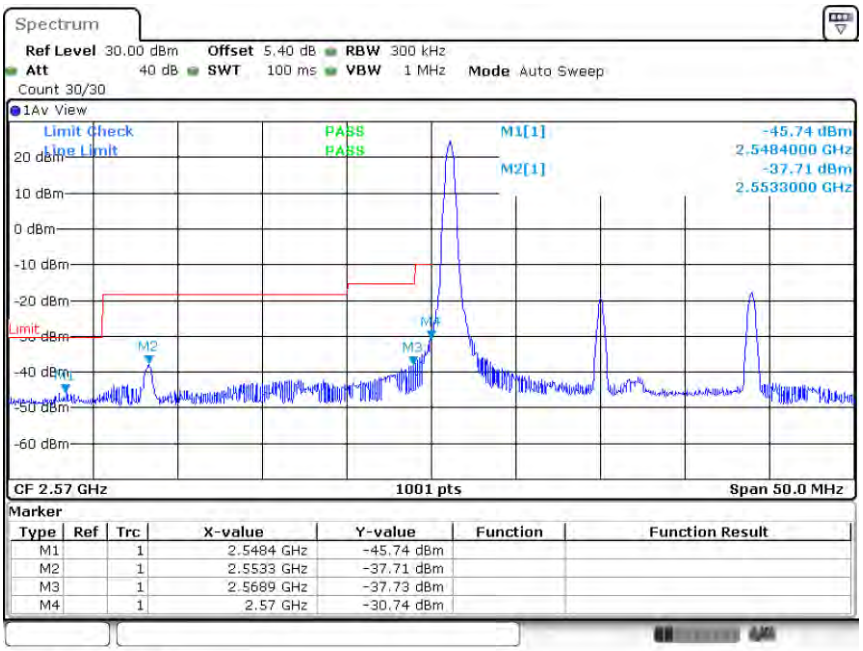
Band38-20MHz-QPSK-37850-1RB#0



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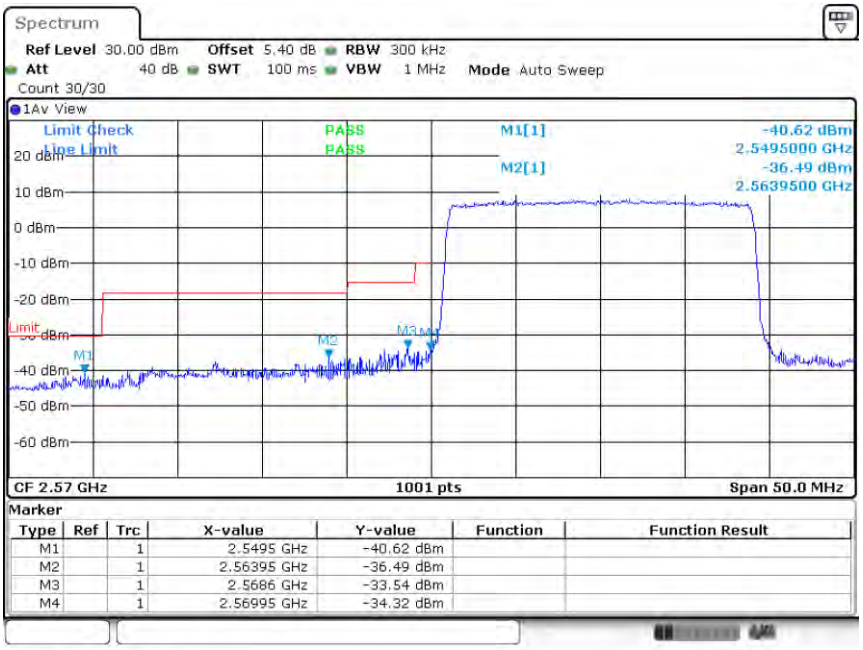
Band38-20MHz-QPSK-37850-100RB#0



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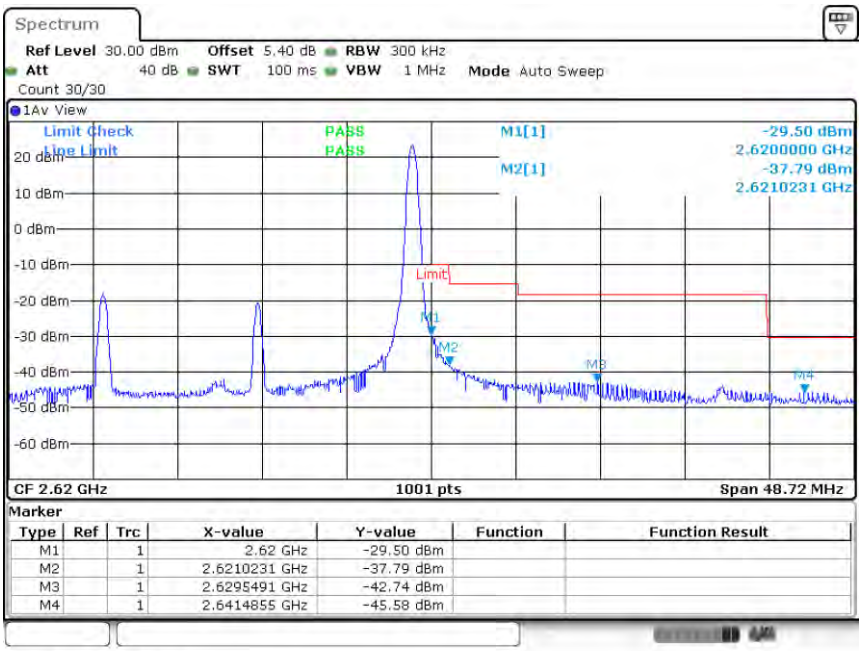
Band38-20MHz-QPSK-38150-1RB#99



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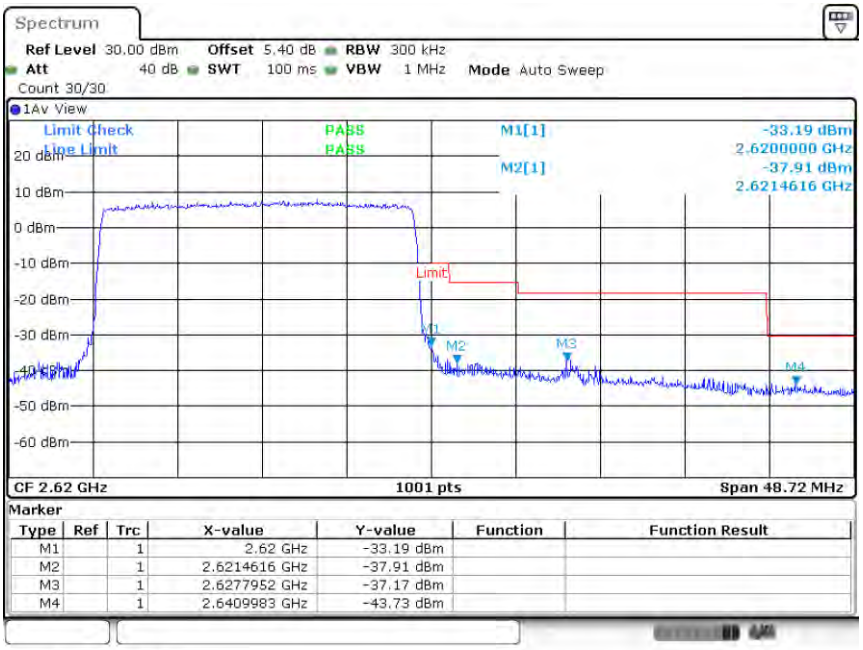

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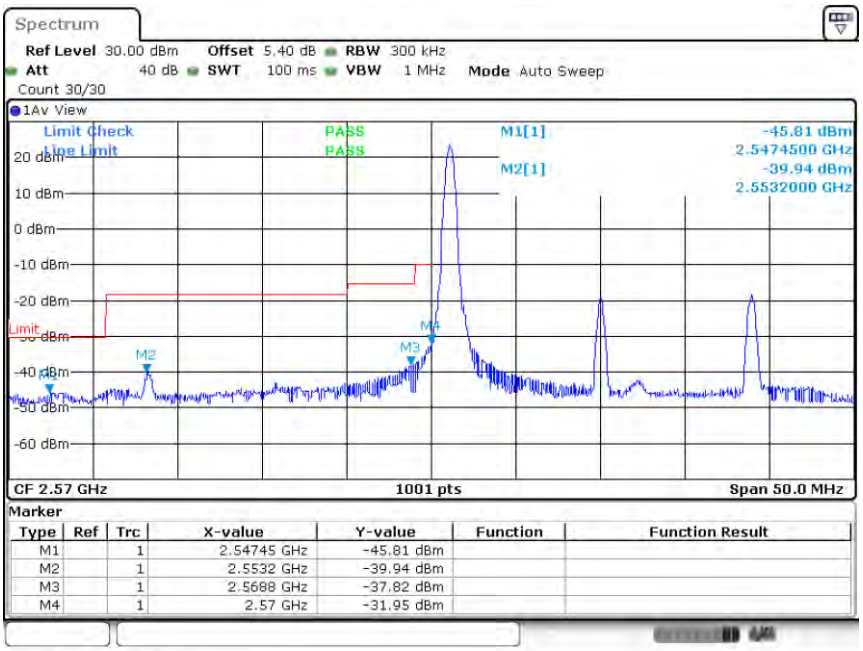
Band38-20MHz-16QAM-37850-1RB#0



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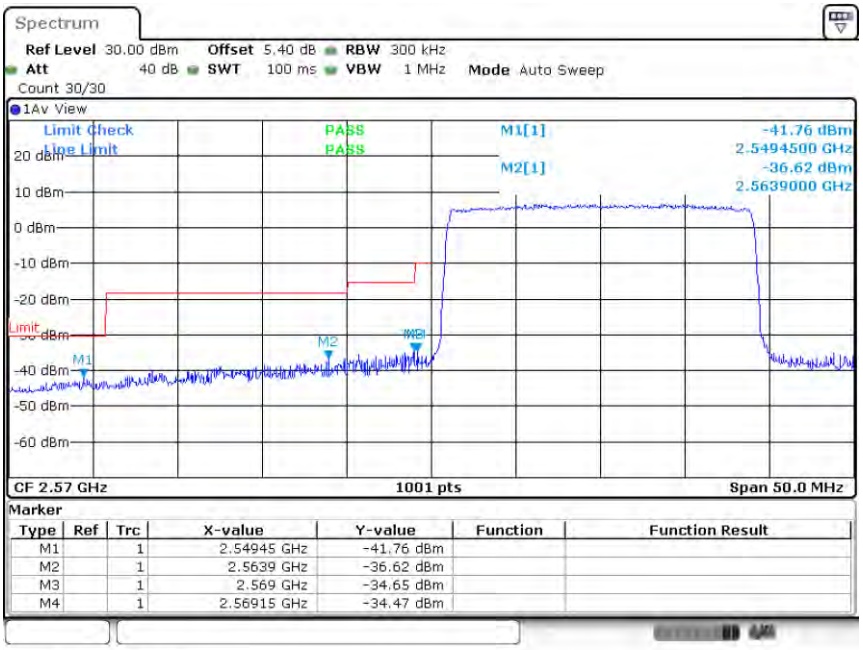

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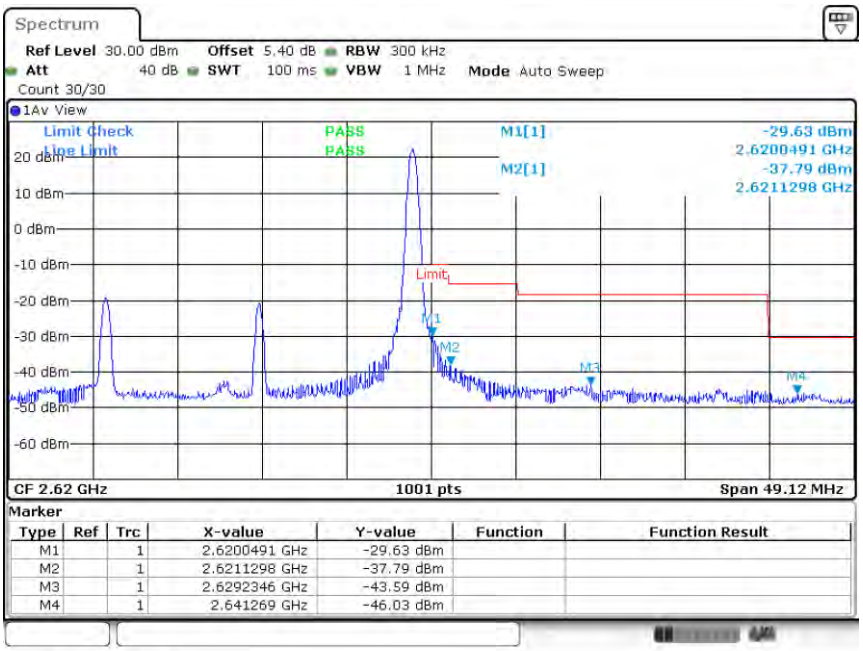
Band38-20MHz-16QAM-38150-1RB#99



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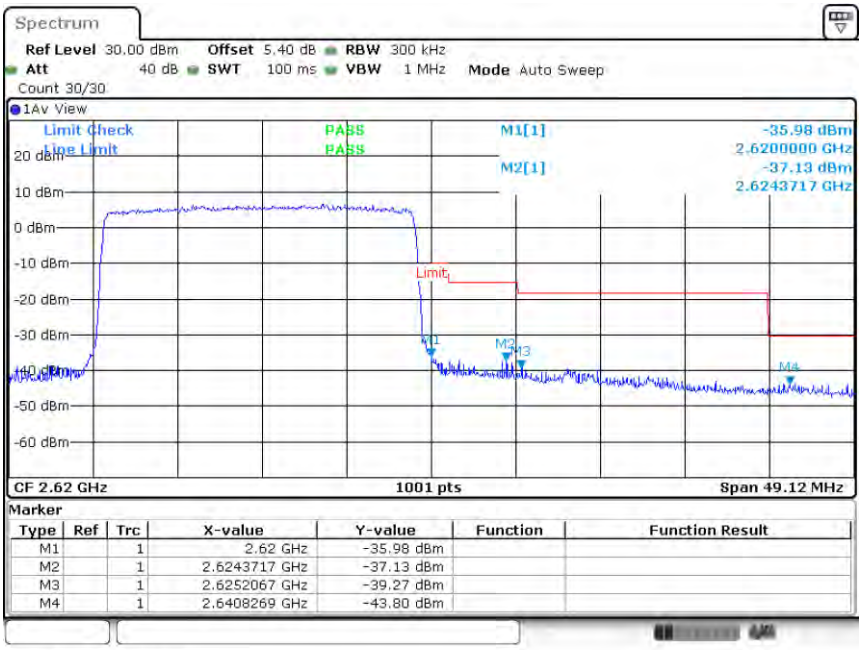
Band38-20MHz-16QAM-38150-100RB#0



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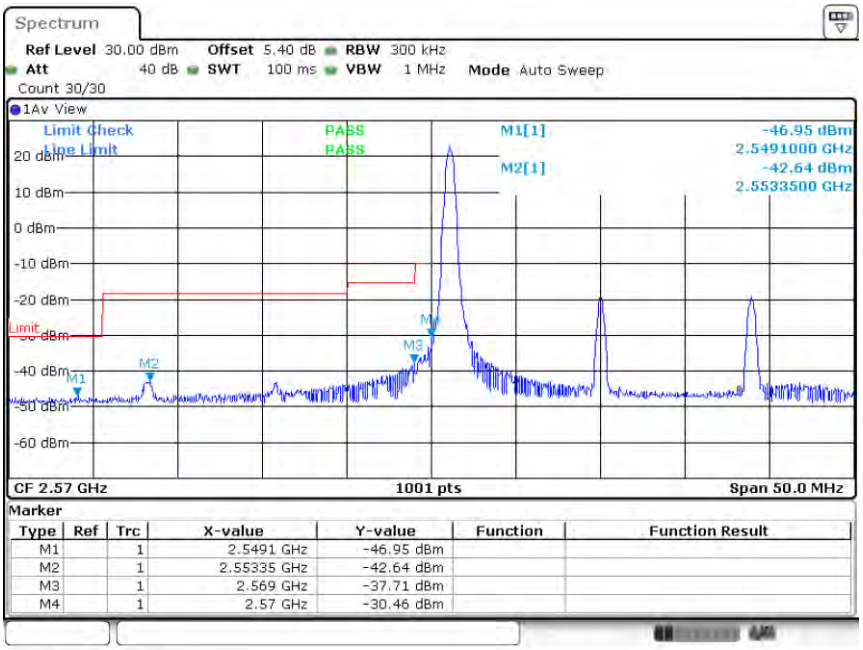

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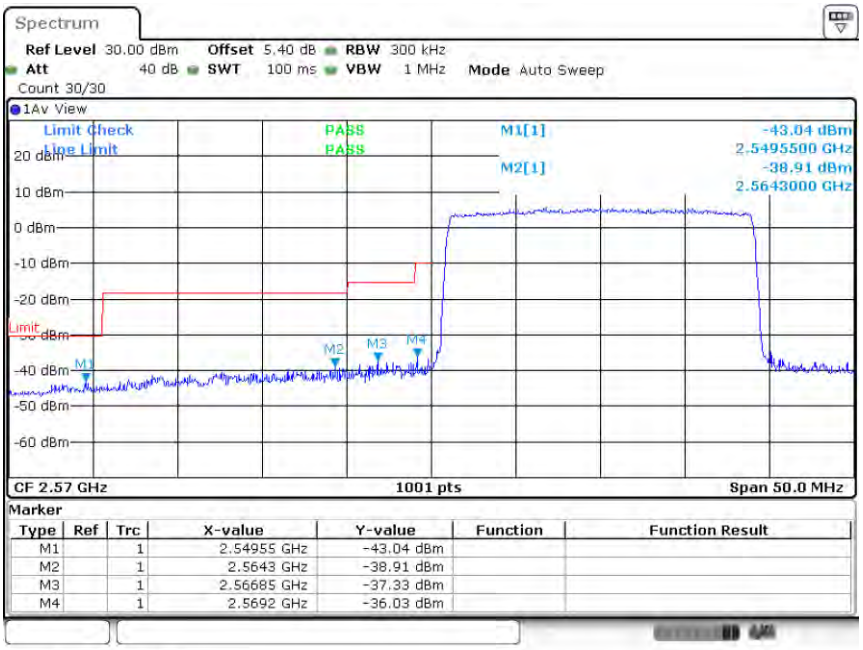

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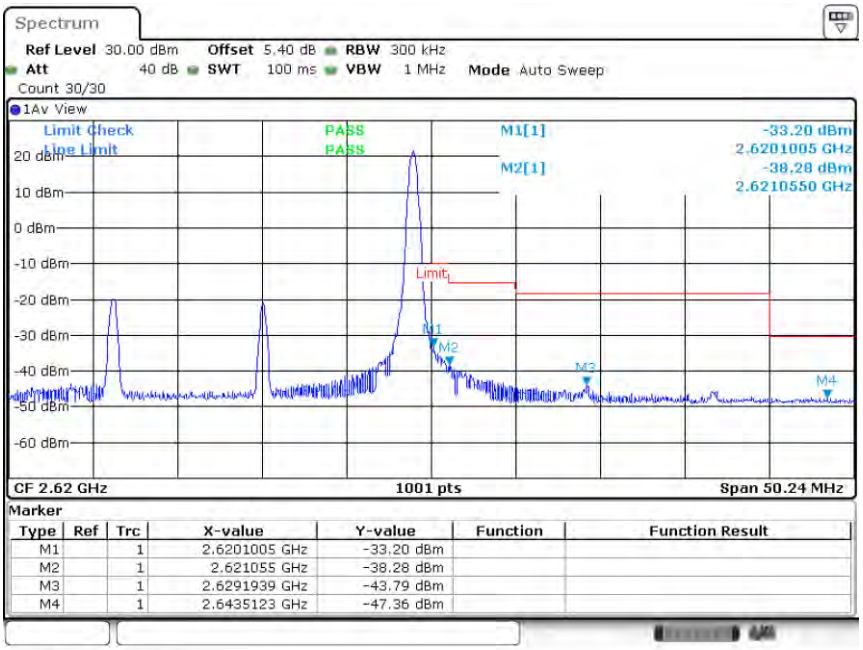

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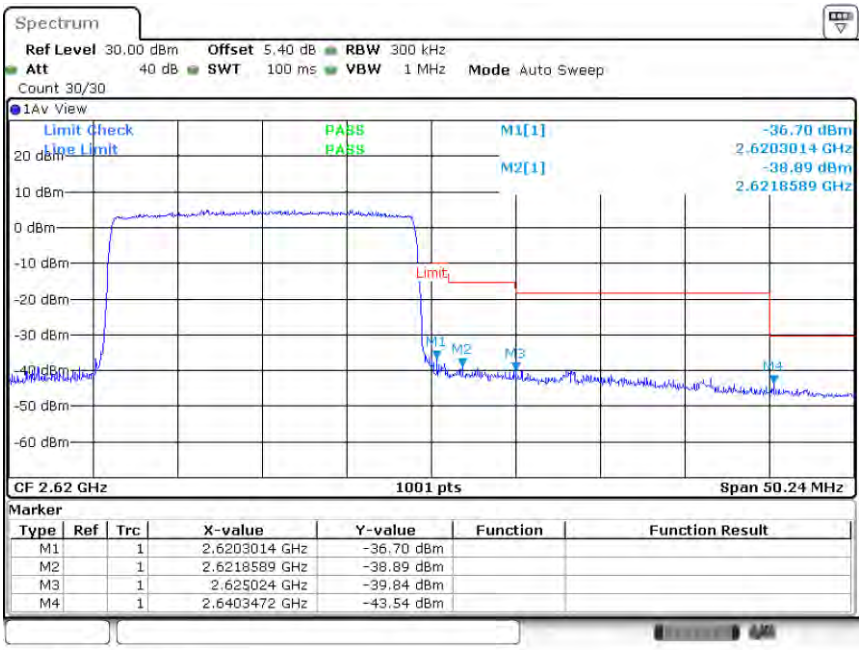
Band38-20MHz-64QAM-38150-100RB#0



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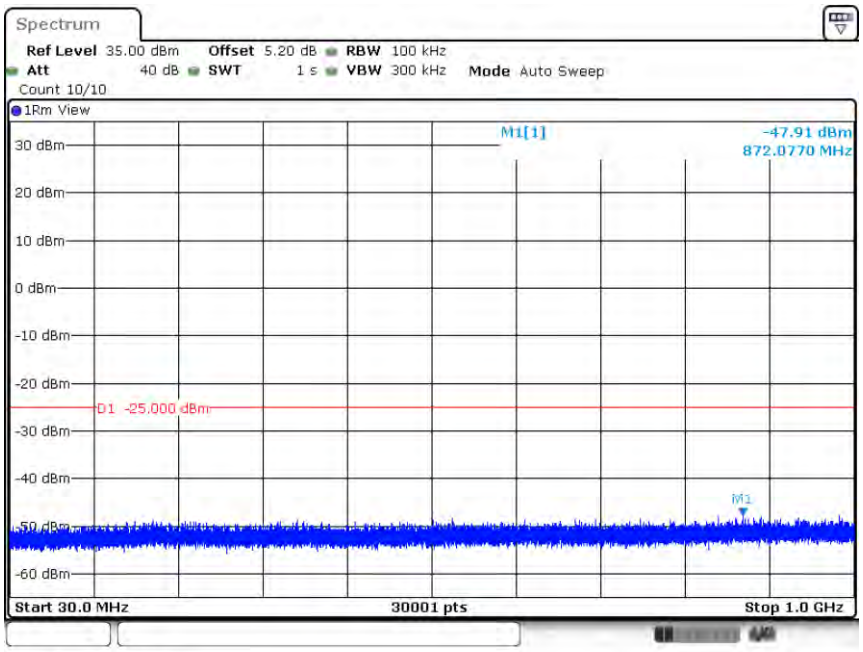
6 Spurious Emission at Antenna Terminal

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: only the worst case data displayed in this report.

6.1 Test Plots

Band38-20MHz-QPSK-37850-1RB#0-Range1:30~1000MHz



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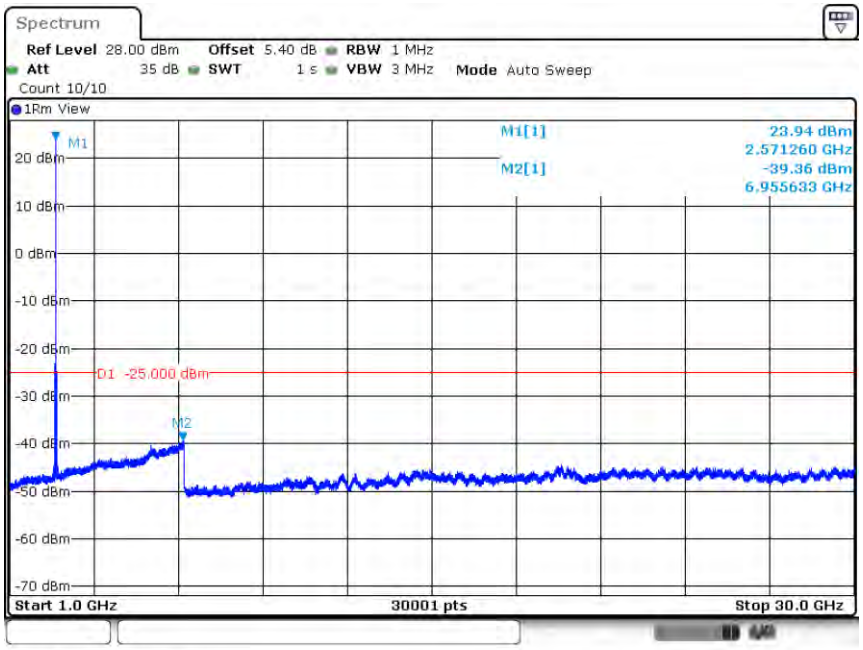
Band38-20MHz-QPSK-37850-1RB#0-Range2:1000~30000MHz



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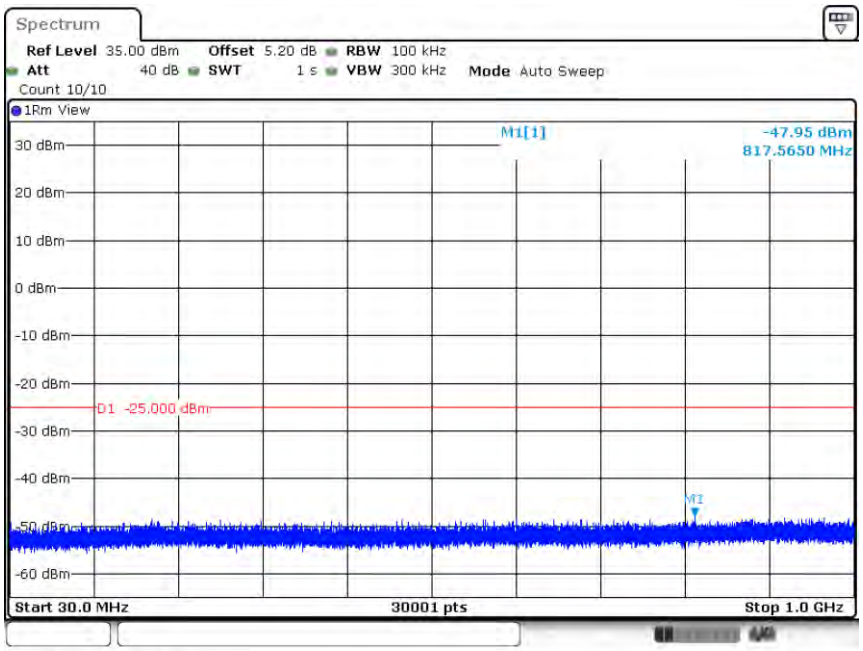

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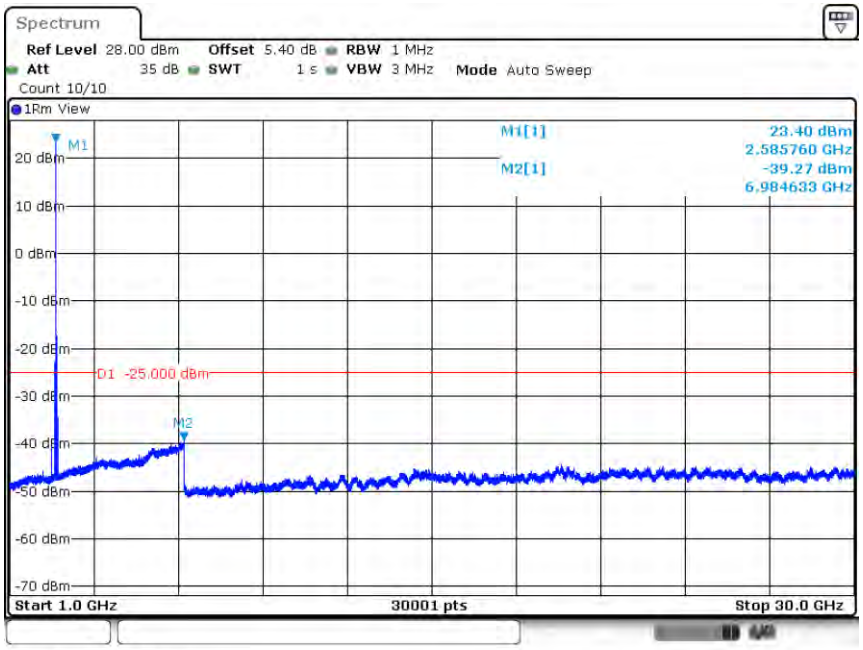
Band38-20MHz-QPSK-38000-1RB#0-Range2:1000~30000MHz



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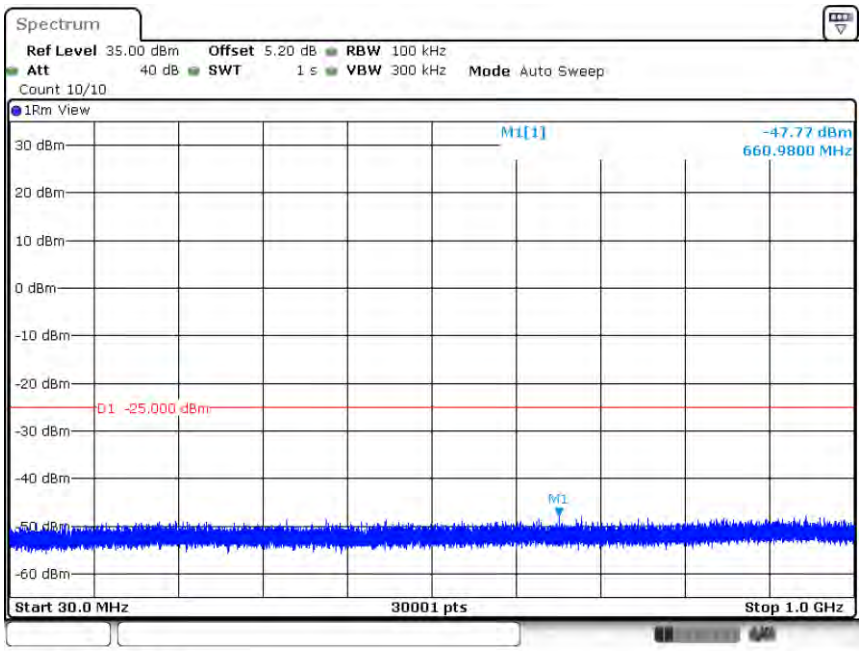
Band38-20MHz-QPSK-38150-1RB#0-Range1:30~1000MHz



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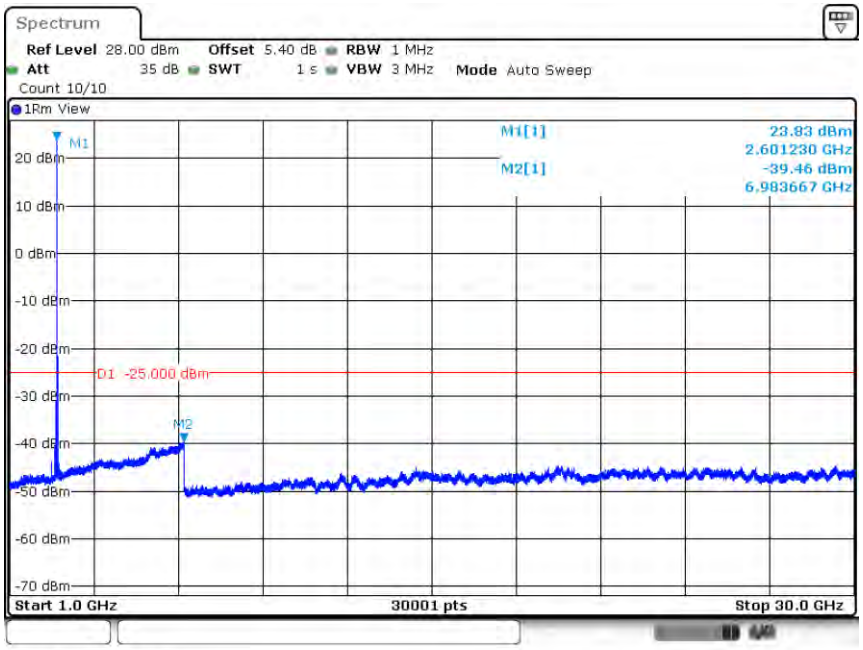
Band38-20MHz-QPSK-38150-1RB#0-Range2:1000~30000MHz



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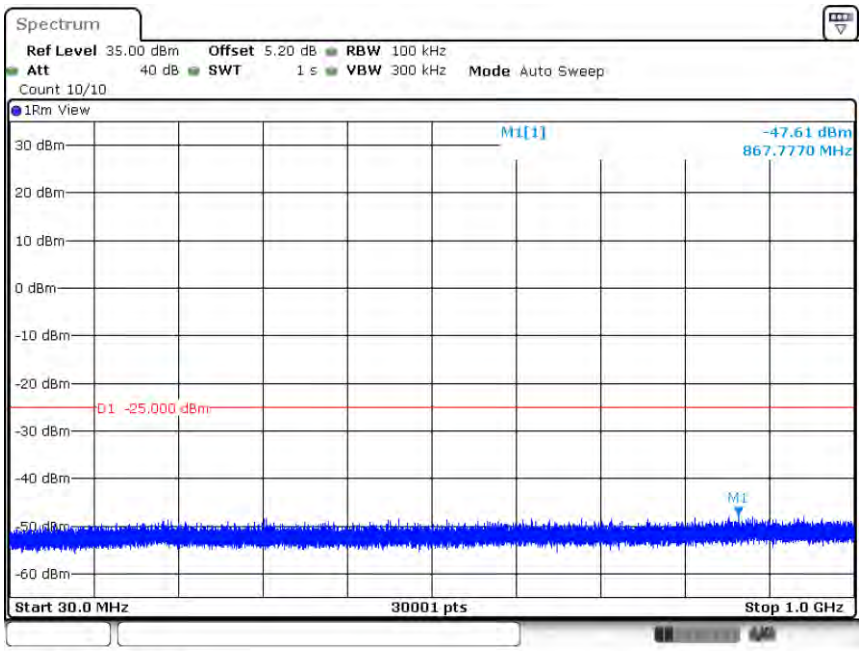
Band38-20MHz-16QAM-37850-1RB#0-Range1:30~1000MHz



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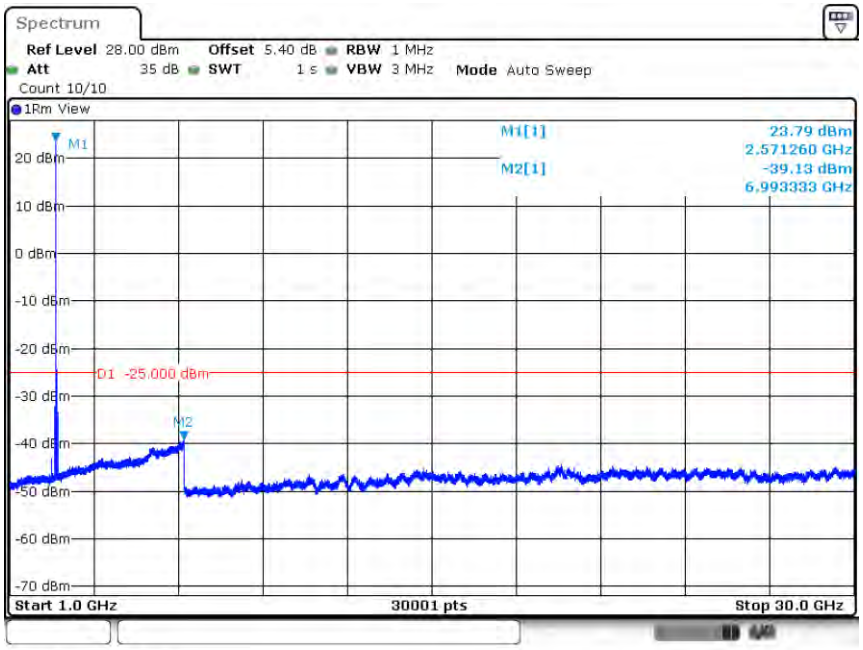
Band38-20MHz-16QAM-37850-1RB#0-Range2:1000~30000MHz



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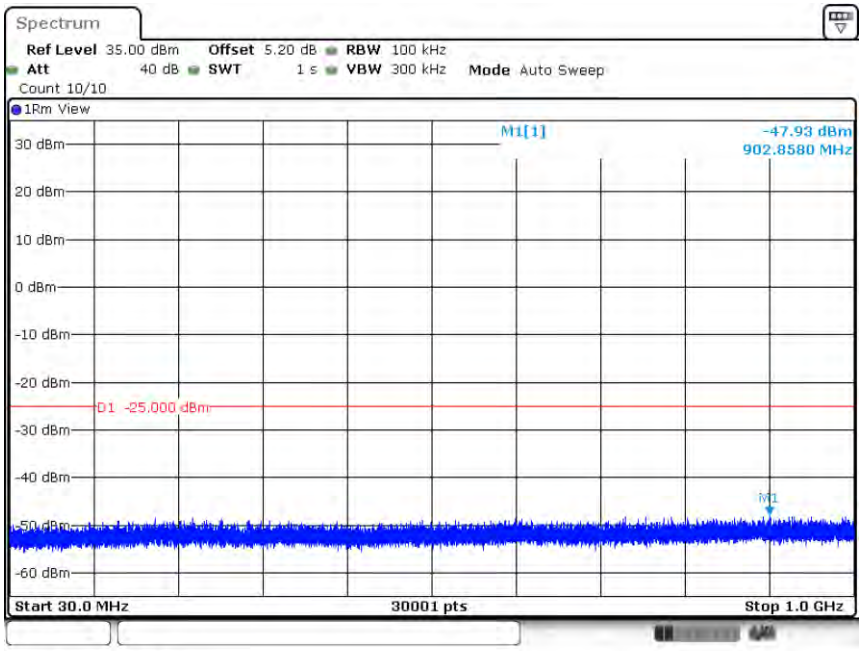

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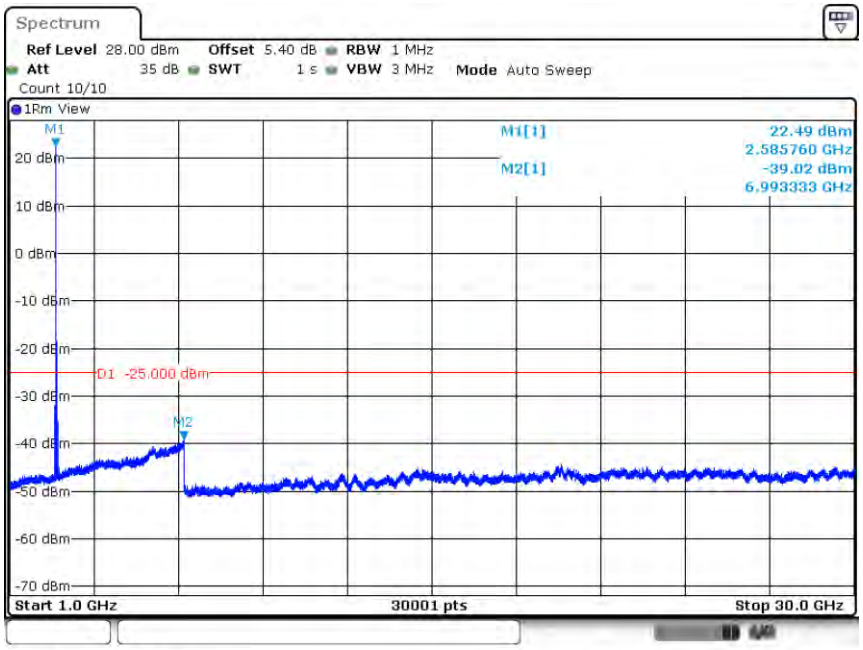

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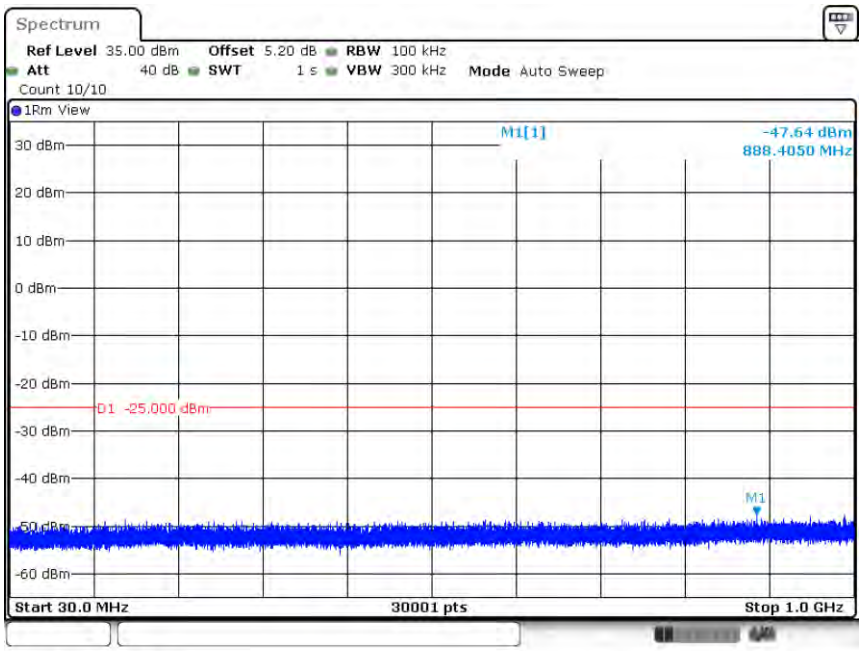

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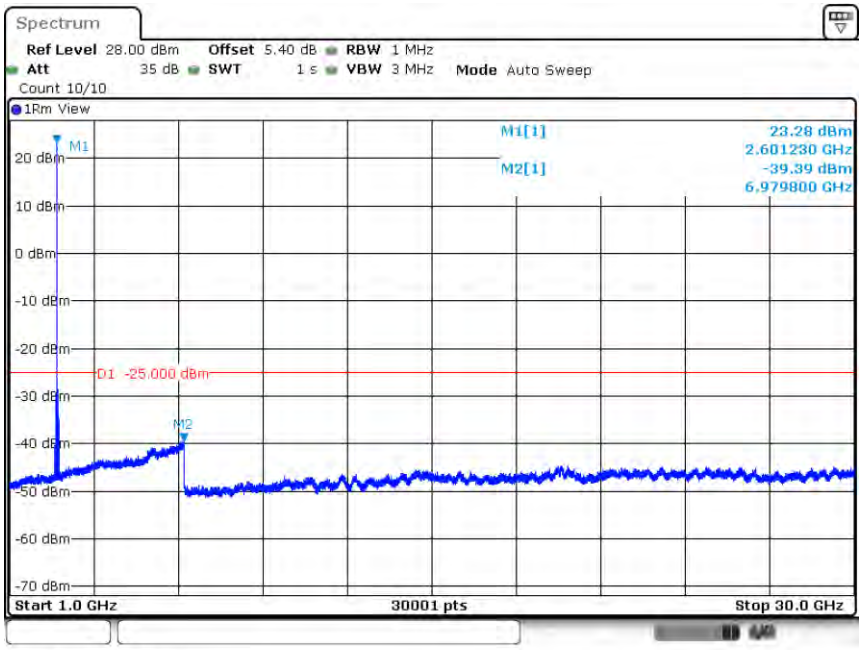

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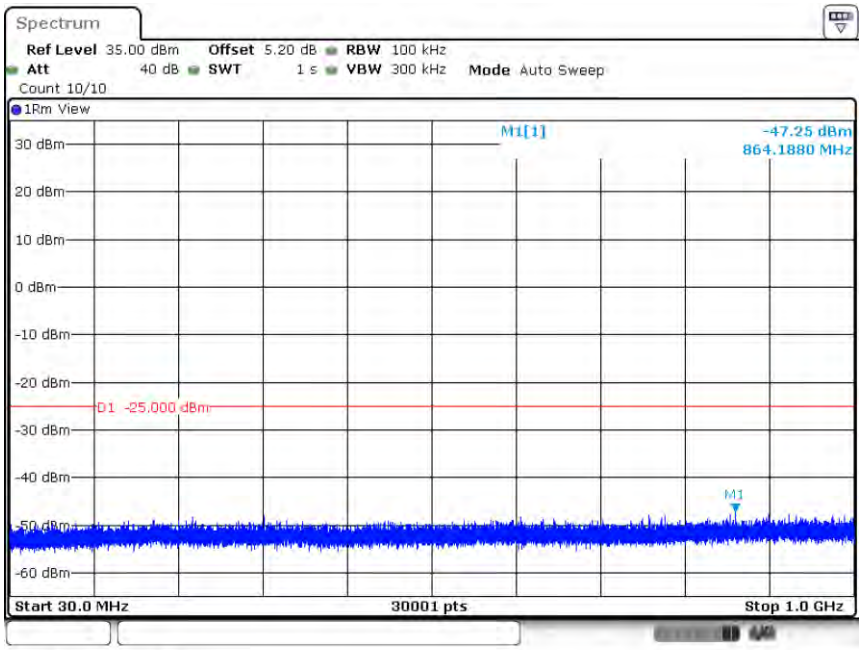
Band38-20MHz-64QAM-37850-1RB#0-Range1:30~1000MHz



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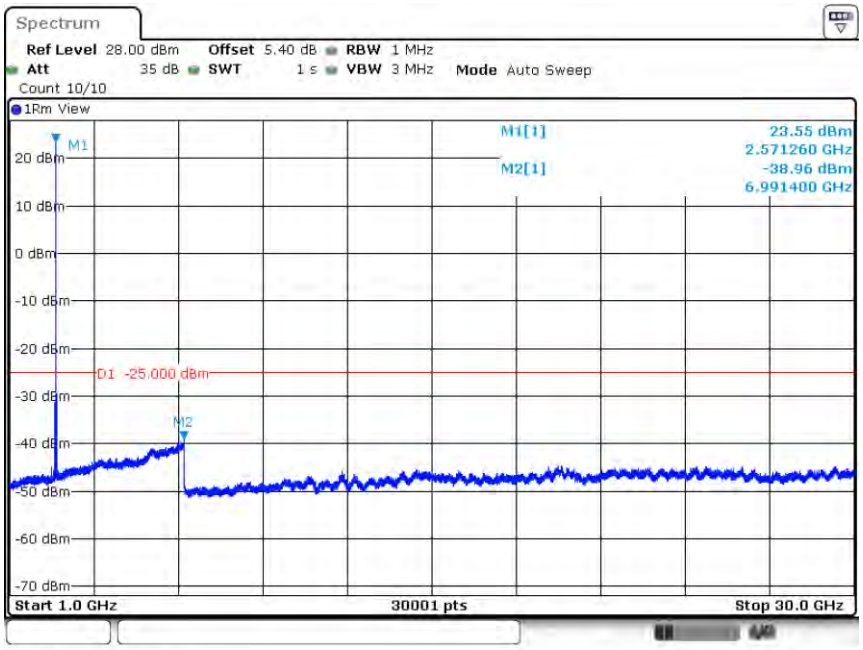
Band38-20MHz-64QAM-37850-1RB#0-Range2:1000~30000MHz



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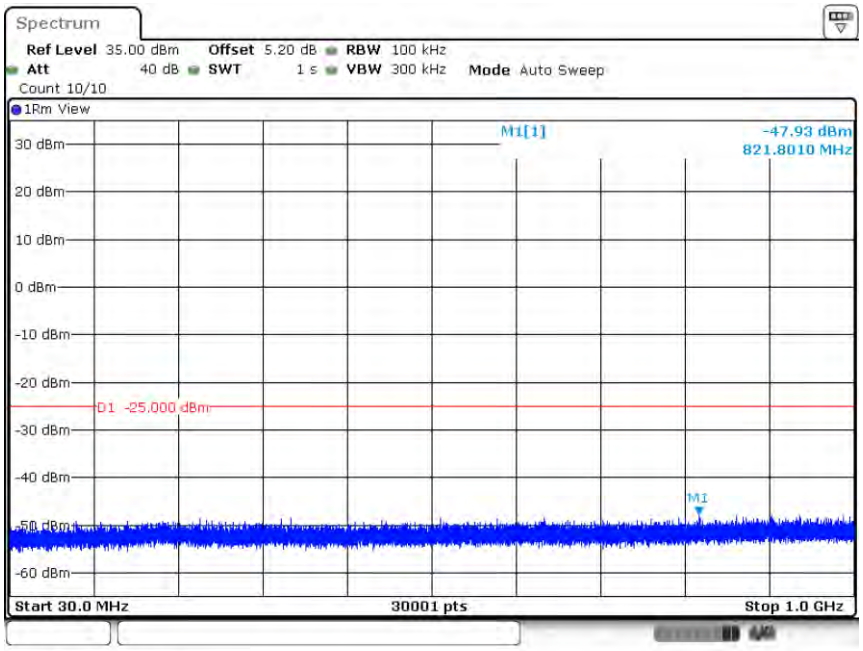

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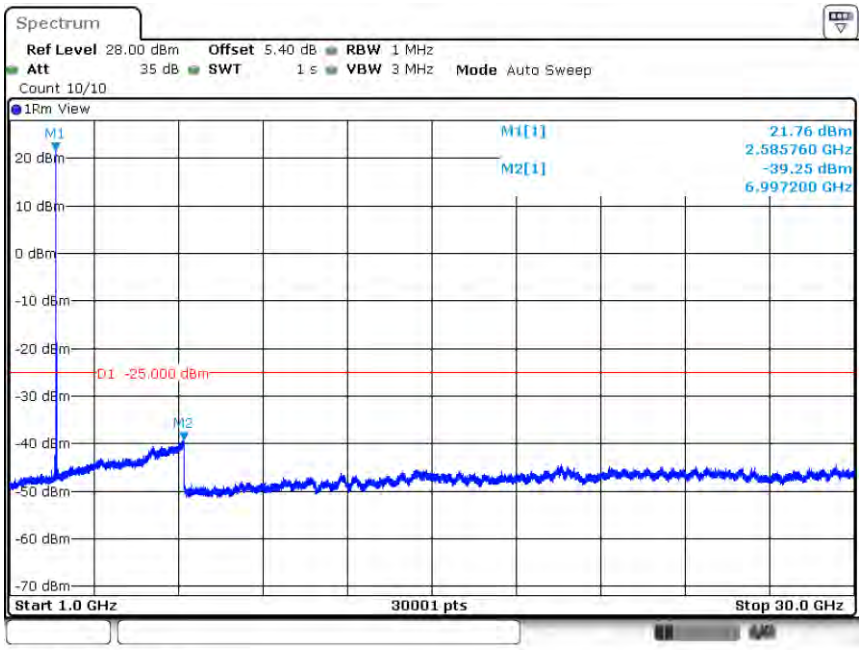

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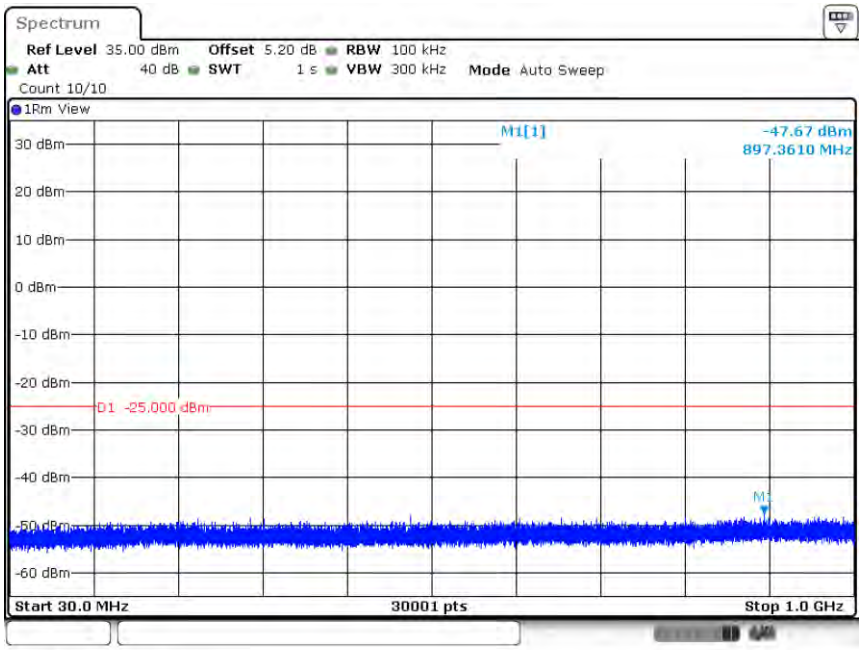

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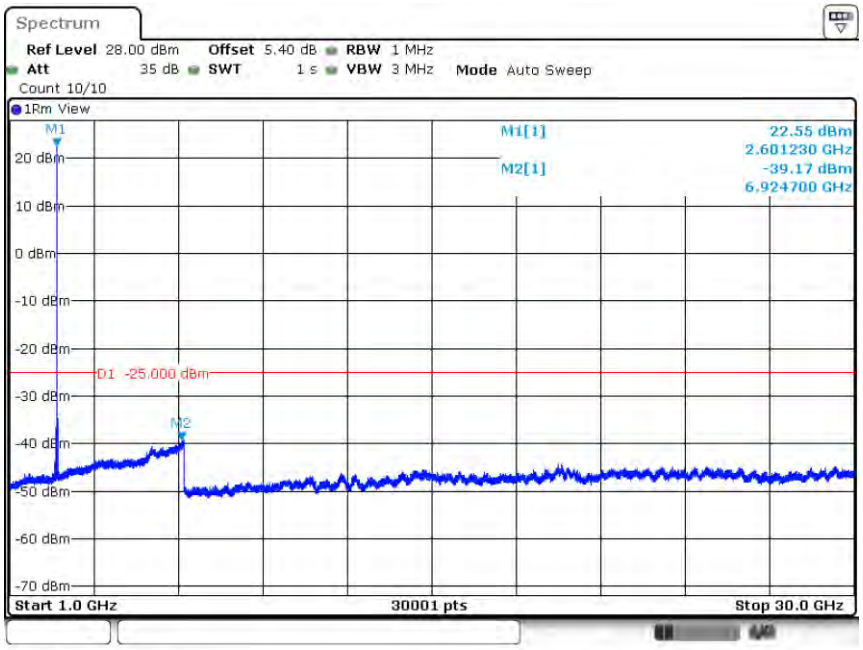
Band38-20MHz-64QAM-38150-1RB#0-Range2:1000~30000MHz



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7 Field Strength of Spurious Radiation

Firstly Supply:

7.1 Test Band = LTE_38 _TM1

7.1.1 Test Channel = Low Channel

Suspected Data List					
NO.	Freq. [MHz]	Level [dBm]	Limit [dBm]	Margin [dB]	Polarity
1	43.8232	-62.07	-25.00	37.07	Horizontal
2	77.8234	-74.52	-25.00	49.52	Horizontal
3	232.3521	-67.89	-25.00	42.89	Horizontal
4	5142.0714	-57.37	-25.00	32.37	Horizontal
5	9322.2107	-52.14	-25.00	27.14	Horizontal
6	16382.946	-43.95	-25.00	18.95	Horizontal

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7.2 Test Band = LTE_38 _TM1

7.2.1 Test Channel = Low Channel

Suspected Data List					
NO.	Freq. [MHz]	Level [dBm]	Limit [dBm]	Margin [dB]	Polarity
1	30.6790	-70.74	-25.00	45.74	Vertical
2	110.1745	-64.83	-25.00	39.83	Vertical
3	375.8708	-67.07	-25.00	42.07	Vertical
4	5142.0714	-52.05	-25.00	27.05	Vertical
5	10665.755	-51.25	-25.00	26.25	Vertical
6	17996.499	-39.84	-25.00	14.84	Vertical

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7.3 Test Band = LTE_38 _TM1

7.3.1 Test Channel = Middle Channel

Suspected Data List					
NO.	Freq. [MHz]	Level [dBm]	Limit [dBm]	Margin [dB]	Polarity
1	41.2526	-63.42	-25.00	38.42	Horizontal
2	113.9577	-74.78	-25.00	49.78	Horizontal
3	239.9185	-68.03	-25.00	43.03	Horizontal
4	5172.0724	-56.87	-25.00	31.87	Horizontal
5	9965.2322	-52.77	-25.00	27.77	Horizontal
6	16388.446	-43.75	-25.00	18.75	Horizontal

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7.4 Test Band = LTE_38 _TM1

7.4.1 Test Channel = Middle Channel

Suspected Data List					
NO.	Freq. [MHz]	Level [dBm]	Limit [dBm]	Margin [dB]	Polarity
1	30.6790	-66.21	-25.00	41.21	Vertical
2	110.2230	-63.72	-25.00	38.72	Vertical
3	462.1566	-66.86	-25.00	41.86	Vertical
4	5172.0724	-53.91	-25.00	28.91	Vertical
5	10716.757	-51.47	-25.00	26.47	Vertical
6	17991.499	-40.53	-25.00	15.53	Vertical

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7.5 Test Band = LTE_38 _TM1

7.5.1 Test Channel = High Channel

Suspected Data List					
NO.	Freq. [MHz]	Level [dBm]	Limit [dBm]	Margin [dB]	Polarity
1	41.4951	-62.87	-25.00	37.87	Horizontal
2	230.1695	-67.18	-25.00	42.18	Horizontal
3	1591.3183	-44.14	-25.00	19.14	Horizontal
4	5202.5734	-60.80	-25.00	35.80	Horizontal
5	10006.233	-52.31	-25.00	27.31	Horizontal
6	16399.446	-43.96	-25.00	18.96	Horizontal

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7.6 Test Band = LTE_38 _TM1

7.6.1 Test Channel = High Channel

Suspected Data List					
NO.	Freq. [MHz]	Level [dBm]	Limit [dBm]	Margin [dB]	Polarity
1	51.8746	-62.49	-25.00	37.49	Vertical
2	112.2601	-63.85	-25.00	38.85	Vertical
3	1773.7548	-42.07	-25.00	17.07	Vertical
4	5202.0734	-55.04	-25.00	30.04	Vertical
5	14484.882	-47.54	-25.00	22.54	Vertical
6	17994.999	-40.56	-25.00	15.56	Vertical

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Secondly Supply:

7.7 Test Band = LTE_38 _TM1

7.7.1 Test Channel = Low Channel

Suspected Data List					
NO.	Freq. [MHz]	Level [dBm]	Limit [dBm]	Margin [dB]	Polarity
1	40.5735	-63.65	-25.00	38.65	Horizontal
2	582.4426	-63.11	-25.00	38.11	Horizontal
3	1808.1616	-42.68	-25.00	17.68	Horizontal
4	5142.0714	-60.29	-25.00	35.29	Horizontal
5	7472.1491	-56.18	-25.00	31.18	Horizontal
6	16379.946	-43.39	-25.00	18.39	Horizontal

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7.8 Test Band = LTE_38 _TM1

7.8.1 Test Channel = Low Channel

Suspected Data List					
NO.	Freq. [MHz]	Level [dBm]	Limit [dBm]	Margin [dB]	Polarity
1	78.7449	-55.50	-25.00	30.50	Vertical
2	584.2857	-63.32	-25.00	38.32	Vertical
3	1724.1448	-43.62	-25.00	18.62	Vertical
4	5142.0714	-57.97	-25.00	32.97	Vertical
5	14469.382	-47.19	-25.00	22.19	Vertical
6	17999.500	-39.15	-25.00	14.15	Vertical

Remark:

1 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.

2 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 displayed in this report.

3 all modulation and all Bandwidth had been tested, but only the worst case data displayed in this report.

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8 Frequency Stability

8.1 Frequency Vs Voltage

Voltage										
Band	Bandwidth	Modulation	Channel	RB Configure	Voltage [Vdc]	Temperature (℃)	Deviation (Hz)	Deviation (ppm)	Limit (ppm)	Verdict
Band38	20MHz	QPSK	37850	100RB#0	VL	NT	-7.60	-0.002946	±2.5	PASS
Band38	20MHz	QPSK	37850	100RB#0	VN	NT	32.30	0.012519	±2.5	PASS
Band38	20MHz	QPSK	37850	100RB#0	VH	NT	-4.20	-0.001628	±2.5	PASS
Band38	20MHz	QPSK	38000	100RB#0	VL	NT	-2.90	-0.001118	±2.5	PASS
Band38	20MHz	QPSK	38000	100RB#0	VN	NT	-3.30	-0.001272	±2.5	PASS
Band38	20MHz	QPSK	38000	100RB#0	VH	NT	-3.50	-0.001349	±2.5	PASS
Band38	20MHz	QPSK	38150	100RB#0	VL	NT	-1.30	-0.000498	±2.5	PASS
Band38	20MHz	QPSK	38150	100RB#0	VN	NT	-4.10	-0.001571	±2.5	PASS
Band38	20MHz	QPSK	38150	100RB#0	VH	NT	-4.80	-0.001839	±2.5	PASS
Band38	20MHz	16QAM	37850	100RB#0	VL	NT	-3.10	-0.001202	±2.5	PASS
Band38	20MHz	16QAM	37850	100RB#0	VN	NT	-1.30	-0.000504	±2.5	PASS
Band38	20MHz	16QAM	37850	100RB#0	VH	NT	-1.30	-0.000504	±2.5	PASS
Band38	20MHz	16QAM	38000	100RB#0	VL	NT	-6.20	-0.002389	±2.5	PASS
Band38	20MHz	16QAM	38000	100RB#0	VN	NT	-5.10	-0.001965	±2.5	PASS
Band38	20MHz	16QAM	38000	100RB#0	VH	NT	-4.80	-0.001850	±2.5	PASS
Band38	20MHz	16QAM	38150	100RB#0	VL	NT	-3.10	-0.001188	±2.5	PASS
Band38	20MHz	16QAM	38150	100RB#0	VN	NT	-8.30	-0.003180	±2.5	PASS
Band38	20MHz	16QAM	38150	100RB#0	VH	NT	-3.80	-0.001456	±2.5	PASS
Band38	20MHz	64QAM	37850	100RB#0	VL	NT	-0.90	-0.000349	±2.5	PASS
Band38	20MHz	64QAM	37850	100RB#0	VN	NT	12.70	0.004922	±2.5	PASS
Band38	20MHz	64QAM	37850	100RB#0	VH	NT	-4.00	-0.001550	±2.5	PASS
Band38	20MHz	64QAM	38000	100RB#0	VL	NT	-7.10	-0.002736	±2.5	PASS
Band38	20MHz	64QAM	38000	100RB#0	VN	NT	-2.70	-0.001040	±2.5	PASS
Band38	20MHz	64QAM	38000	100RB#0	VH	NT	-2.20	-0.000848	±2.5	PASS
Band38	20MHz	64QAM	38150	100RB#0	VL	NT	-3.90	-0.001494	±2.5	PASS
Band38	20MHz	64QAM	38150	100RB#0	VN	NT	-7.90	-0.003027	±2.5	PASS
Band38	20MHz	64QAM	38150	100RB#0	VH	NT	-7.10	-0.002720	±2.5	PASS

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8.2 Frequency Vs Temperature

Temperature										
Band	Bandwidth	Modulation	Channel	RB Configure	Voltage [Vdc]	Temperature (℃)	Deviation (Hz)	Deviation (ppm)	Limit (ppm)	Verdict
Band38	20MHz	QPSK	37850	100RB#0	NV	-30	-2.00	-0.000775	±2.5	PASS
Band38	20MHz	QPSK	37850	100RB#0	NV	-20	-0.70	-0.000271	±2.5	PASS
Band38	20MHz	QPSK	37850	100RB#0	NV	-10	-3.90	-0.001512	±2.5	PASS
Band38	20MHz	QPSK	37850	100RB#0	NV	0	-2.30	-0.000891	±2.5	PASS
Band38	20MHz	QPSK	37850	100RB#0	NV	10	-7.00	-0.002713	±2.5	PASS
Band38	20MHz	QPSK	37850	100RB#0	NV	20	-2.70	-0.001047	±2.5	PASS
Band38	20MHz	QPSK	37850	100RB#0	NV	30	-7.10	-0.002752	±2.5	PASS
Band38	20MHz	QPSK	37850	100RB#0	NV	40	-2.90	-0.001124	±2.5	PASS
Band38	20MHz	QPSK	37850	100RB#0	NV	50	-5.90	-0.002287	±2.5	PASS
Band38	20MHz	QPSK	38000	100RB#0	NV	-30	-4.40	-0.001696	±2.5	PASS
Band38	20MHz	QPSK	38000	100RB#0	NV	-20	-3.10	-0.001195	±2.5	PASS
Band38	20MHz	QPSK	38000	100RB#0	NV	-10	-3.10	-0.001195	±2.5	PASS
Band38	20MHz	QPSK	38000	100RB#0	NV	0	-7.70	-0.002967	±2.5	PASS
Band38	20MHz	QPSK	38000	100RB#0	NV	10	-1.90	-0.000732	±2.5	PASS
Band38	20MHz	QPSK	38000	100RB#0	NV	20	-3.60	-0.001387	±2.5	PASS
Band38	20MHz	QPSK	38000	100RB#0	NV	30	-8.80	-0.003391	±2.5	PASS
Band38	20MHz	QPSK	38000	100RB#0	NV	40	-4.70	-0.001811	±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	-6.90	-0.002644	±2.5	PASS
Band38	20MHz	QPSK	38150	100RB#0	NV	-20	-2.50	-0.000958	±2.5	PASS
Band38	20MHz	QPSK	38150	100RB#0	NV	-10	-5.50	-0.002107	±2.5	PASS
Band38	20MHz	QPSK	38150	100RB#0	NV	0	-4.80	-0.001839	±2.5	PASS
Band38	20MHz	QPSK	38150	100RB#0	NV	10	-1.50	-0.000575	±2.5	PASS
Band38	20MHz	QPSK	38150	100RB#0	NV	20	-3.10	-0.001188	±2.5	PASS
Band38	20MHz	QPSK	38150	100RB#0	NV	30	-3.70	-0.001418	±2.5	PASS
Band38	20MHz	QPSK	38150	100RB#0	NV	40	-5.00	-0.001916	±2.5	PASS
Band38	20MHz	QPSK	38150	100RB#0	NV	50	-4.60	-0.001762	±2.5	PASS
Band38	20MHz	16QAM	37850	100RB#0	NV	-30	-2.10	-0.000814	±2.5	PASS
Band38	20MHz	16QAM	37850	100RB#0	NV	-20	-4.80	-0.001860	±2.5	PASS
Band38	20MHz	16QAM	37850	100RB#0	NV	-10	-4.50	-0.001744	±2.5	PASS
Band38	20MHz	16QAM	37850	100RB#0	NV	0	-5.00	-0.001938	±2.5	PASS
Band38	20MHz	16QAM	37850	100RB#0	NV	10	-1.60	-0.000620	±2.5	PASS
Band38	20MHz	16QAM	37850	100RB#0	NV	20	-8.40	-0.003256	±2.5	PASS

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Band38	20MHz	16QAM	37850	100RB#0	NV	30	-2.50	-0.000969	±2.5	PASS
Band38	20MHz	16QAM	37850	100RB#0	NV	40	-1.90	-0.000736	±2.5	PASS
Band38	20MHz	16QAM	37850	100RB#0	NV	50	-7.10	-0.002752	±2.5	PASS
Band38	20MHz	16QAM	38000	100RB#0	NV	-30	-3.40	-0.001310	±2.5	PASS
Band38	20MHz	16QAM	38000	100RB#0	NV	-20	-6.50	-0.002505	±2.5	PASS
Band38	20MHz	16QAM	38000	100RB#0	NV	-10	-4.90	-0.001888	±2.5	PASS
Band38	20MHz	16QAM	38000	100RB#0	NV	0	-5.60	-0.002158	±2.5	PASS
Band38	20MHz	16QAM	38000	100RB#0	NV	10	-4.50	-0.001734	±2.5	PASS
Band38	20MHz	16QAM	38000	100RB#0	NV	20	-2.60	-0.001002	±2.5	PASS
Band38	20MHz	16QAM	38000	100RB#0	NV	30	-4.20	-0.001618	±2.5	PASS
Band38	20MHz	16QAM	38000	100RB#0	NV	40	-7.50	-0.002890	±2.5	PASS
Band38	20MHz	16QAM	38000	100RB#0	NV	50	-4.70	-0.001811	±2.5	PASS
Band38	20MHz	16QAM	38150	100RB#0	NV	-30	-6.20	-0.002375	±2.5	PASS
Band38	20MHz	16QAM	38150	100RB#0	NV	-20	-8.10	-0.003103	±2.5	PASS
Band38	20MHz	16QAM	38150	100RB#0	NV	-10	-5.20	-0.001992	±2.5	PASS
Band38	20MHz	16QAM	38150	100RB#0	NV	0	-5.70	-0.002184	±2.5	PASS
Band38	20MHz	16QAM	38150	100RB#0	NV	10	-0.20	-0.000077	±2.5	PASS
Band38	20MHz	16QAM	38150	100RB#0	NV	20	-3.00	-0.001149	±2.5	PASS
Band38	20MHz	16QAM	38150	100RB#0	NV	30	-6.00	-0.002299	±2.5	PASS
Band38	20MHz	16QAM	38150	100RB#0	NV	40	-5.10	-0.001954	±2.5	PASS
Band38	20MHz	16QAM	38150	100RB#0	NV	50	-3.10	-0.001188	±2.5	PASS
Band38	20MHz	64QAM	37850	100RB#0	NV	-30	-4.80	-0.001860	±2.5	PASS
Band38	20MHz	64QAM	37850	100RB#0	NV	-20	-7.20	-0.002791	±2.5	PASS
Band38	20MHz	64QAM	37850	100RB#0	NV	-10	-3.40	-0.001318	±2.5	PASS
Band38	20MHz	64QAM	37850	100RB#0	NV	0	-4.40	-0.001705	±2.5	PASS
Band38	20MHz	64QAM	37850	100RB#0	NV	10	-5.80	-0.002248	±2.5	PASS
Band38	20MHz	64QAM	37850	100RB#0	NV	20	-5.00	-0.001938	±2.5	PASS
Band38	20MHz	64QAM	37850	100RB#0	NV	30	-7.50	-0.002907	±2.5	PASS
Band38	20MHz	64QAM	37850	100RB#0	NV	40	-6.10	-0.002364	±2.5	PASS
Band38	20MHz	64QAM	37850	100RB#0	NV	50	-4.80	-0.001860	±2.5	PASS
Band38	20MHz	64QAM	38000	100RB#0	NV	-30	-7.20	-0.002775	±2.5	PASS
Band38	20MHz	64QAM	38000	100RB#0	NV	-20	-0.50	-0.000193	±2.5	PASS
Band38	20MHz	64QAM	38000	100RB#0	NV	-10	-3.20	-0.001233	±2.5	PASS
Band38	20MHz	64QAM	38000	100RB#0	NV	0	-4.60	-0.001773	±2.5	PASS
Band38	20MHz	64QAM	38000	100RB#0	NV	10	-1.50	-0.000578	±2.5	PASS
Band38	20MHz	64QAM	38000	100RB#0	NV	20	-3.30	-0.001272	±2.5	PASS
Band38	20MHz	64QAM	38000	100RB#0	NV	30	-2.70	-0.001040	±2.5	PASS

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Band38	20MHz	64QAM	38000	100RB#0	NV	40	-3.90	-0.001503	±2.5	PASS
Band38	20MHz	64QAM	38000	100RB#0	NV	50	-6.30	-0.002428	±2.5	PASS
Band38	20MHz	64QAM	38150	100RB#0	NV	-30	-8.20	-0.003142	±2.5	PASS
Band38	20MHz	64QAM	38150	100RB#0	NV	-20	-5.40	-0.002069	±2.5	PASS
Band38	20MHz	64QAM	38150	100RB#0	NV	-10	-3.20	-0.001226	±2.5	PASS
Band38	20MHz	64QAM	38150	100RB#0	NV	0	0.40	0.000153	±2.5	PASS
Band38	20MHz	64QAM	38150	100RB#0	NV	10	-2.60	-0.000996	±2.5	PASS
Band38	20MHz	64QAM	38150	100RB#0	NV	20	-4.90	-0.001877	±2.5	PASS
Band38	20MHz	64QAM	38150	100RB#0	NV	30	-3.60	-0.001379	±2.5	PASS
Band38	20MHz	64QAM	38150	100RB#0	NV	40	-2.20	-0.000843	±2.5	PASS
Band38	20MHz	64QAM	38150	100RB#0	NV	50	-1.50	-0.000575	±2.5	PASS

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