Appendix B

E-UTRA Band 38

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1 Effective (Isotropic) Radiated Power

1.1. Test Result

Band	Bandwidth	Modulation	Channel	RB Configuration	Conducted Power(dBm)	EIRP (dBm)	Limit (dBm)	Verdict
Band38	5MHz	QPSK	37775	1RB#0	22.82	22.22	33	PASS
Band38	5MHz	QPSK	37775	1RB#12	22.90	22.30	33	PASS
Band38	5MHz	QPSK	37775	1RB#24	22.66	22.06	33	PASS
Band38	5MHz	QPSK	37775	12RB#0	21.75	21.15	33	PASS
Band38	5MHz	QPSK	37775	12RB#6	21.80	21.20	33	PASS
Band38	5MHz	QPSK	37775	12RB#13	21.80	21.20	33	PASS
Band38	5MHz	QPSK	37775	25RB#0	21.79	21.19	33	PASS
Band38	5MHz	QPSK	38000	1RB#0	22.75	22.15	33	PASS
Band38	5MHz	QPSK	38000	1RB#12	22.74	22.14	33	PASS
Band38	5MHz	QPSK	38000	1RB#24	22.59	21.99	33	PASS
Band38	5MHz	QPSK	38000	12RB#0	21.59	20.99	33	PASS
Band38	5MHz	QPSK	38000	12RB#6	21.63	21.03	33	PASS
Band38	5MHz	QPSK	38000	12RB#13	21.60	21.00	33	PASS
Band38	5MHz	QPSK	38000	25RB#0	21.67	21.07	33	PASS
Band38	5MHz	QPSK	38225	1RB#0	22.91	22.31	33	PASS
Band38	5MHz	QPSK	38225	1RB#12	22.65	22.05	33	PASS
Band38	5MHz	QPSK	38225	1RB#24	22.52	21.92	33	PASS
Band38	5MHz	QPSK	38225	12RB#0	21.63	21.03	33	PASS
Band38	5MHz	QPSK	38225	12RB#6	21.58	20.98	33	PASS
Band38	5MHz	QPSK	38225	12RB#13	21.67	21.07	33	PASS
Band38	5MHz	QPSK	38225	25RB#0	21.60	21.00	33	PASS
Band38	5MHz	64QAM	37775	1RB#0	21.03	20.43	33	PASS
Band38	5MHz	64QAM	37775	1RB#12	20.73	20.13	33	PASS
Band38	5MHz	64QAM	37775	1RB#24	20.60	20.00	33	PASS
Band38	5MHz	64QAM	37775	12RB#0	19.82	19.22	33	PASS
Band38	5MHz	64QAM	37775	12RB#6	19.69	19.09	33	PASS
Band38	5MHz	64QAM	37775	12RB#13	19.84	19.24	33	PASS

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Band38	5MHz	64QAM	37775	25RB#0	19.77	19.17	33	PASS
Band38	5MHz	64QAM	38000	1RB#0	20.68	20.08	33	PASS
Band38	5MHz	64QAM	38000	1RB#12	20.54	19.94	33	PASS
Band38	5MHz	64QAM	38000	1RB#24	20.51	19.91	33	PASS
Band38	5MHz	64QAM	38000	12RB#0	19.55	18.95	33	PASS
Band38	5MHz	64QAM	38000	12RB#6	19.57	18.97	33	PASS
Band38	5MHz	64QAM	38000	12RB#13	19.54	18.94	33	PASS
Band38	5MHz	64QAM	38000	25RB#0	19.71	19.11	33	PASS
Band38	5MHz	64QAM	38225	1RB#0	20.62	20.02	33	PASS
Band38	5MHz	64QAM	38225	1RB#12	20.54	19.94	33	PASS
Band38	5MHz	64QAM	38225	1RB#24	20.92	20.32	33	PASS
Band38	5MHz	64QAM	38225	12RB#0	19.54	18.94	33	PASS
Band38	5MHz	64QAM	38225	12RB#6	19.67	19.07	33	PASS
Band38	5MHz	64QAM	38225	12RB#13	19.55	18.95	33	PASS
Band38	5MHz	64QAM	38225	25RB#0	19.71	19.11	33	PASS
Band38	5MHz	16QAM	37775	1RB#0	21.97	21.37	33	PASS
Band38	5MHz	16QAM	37775	1RB#12	21.89	21.29	33	PASS
Band38	5MHz	16QAM	37775	1RB#24	21.77	21.17	33	PASS
Band38	5MHz	16QAM	37775	12RB#0	20.79	20.19	33	PASS
Band38	5MHz	16QAM	37775	12RB#6	20.77	20.17	33	PASS
Band38	5MHz	16QAM	37775	12RB#13	20.76	20.16	33	PASS
Band38	5MHz	16QAM	37775	25RB#0	20.78	20.18	33	PASS
Band38	5MHz	16QAM	38000	1RB#0	21.81	21.21	33	PASS
Band38	5MHz	16QAM	38000	1RB#12	21.78	21.18	33	PASS
Band38	5MHz	16QAM	38000	1RB#24	21.75	21.15	33	PASS
Band38	5MHz	16QAM	38000	12RB#0	20.59	19.99	33	PASS
Band38	5MHz	16QAM	38000	12RB#6	20.61	20.01	33	PASS
Band38	5MHz	16QAM	38000	12RB#13	20.55	19.95	33	PASS
Band38	5MHz	16QAM	38000	25RB#0	20.63	20.03	33	PASS
Band38	5MHz	16QAM	38225	1RB#0	21.84	21.24	33	PASS
Band38	5MHz	16QAM	38225	1RB#12	21.78	21.18	33	PASS
Band38	5MHz	16QAM	38225	1RB#24	21.87	21.27	33	PASS
Band38	5MHz	16QAM	38225	12RB#0	20.64	20.04	33	PASS

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Band38	5MHz	16QAM	38225	12RB#13	20.65	20.05	33	PASS
Band38	5MHz	16QAM	38225	25RB#0	20.64	20.04	33	PASS
Band38	10MHz	QPSK	37800	1RB#0	23.04	22.44	33	PASS
Band38	10MHz	QPSK	37800	1RB#24	22.89	22.29	33	PASS
Band38	10MHz	QPSK	37800	1RB#49	23.01	22.41	33	PASS
Band38	10MHz	QPSK	37800	25RB#0	21.81	21.21	33	PASS
Band38	10MHz	QPSK	37800	25RB#12	21.79	21.19	33	PASS
Band38	10MHz	QPSK	37800	25RB#25	21.96	21.36	33	PASS
Band38	10MHz	QPSK	37800	50RB#0	21.99	21.39	33	PASS
Band38	10MHz	QPSK	38000	1RB#0	22.85	22.25	33	PASS
Band38	10MHz	QPSK	38000	1RB#24	22.70	22.10	33	PASS
Band38	10MHz	QPSK	38000	1RB#49	22.86	22.26	33	PASS
Band38	10MHz	QPSK	38000	25RB#0	21.67	21.07	33	PASS
Band38	10MHz	QPSK	38000	25RB#12	21.72	21.12	33	PASS
Band38	10MHz	QPSK	38000	25RB#25	21.80	21.20	33	PASS
Band38	10MHz	QPSK	38000	50RB#0	21.85	21.25	33	PASS
Band38	10MHz	QPSK	38200	1RB#0	22.72	22.12	33	PASS
Band38	10MHz	QPSK	38200	1RB#24	22.75	22.15	33	PASS
Band38	10MHz	QPSK	38200	1RB#49	22.93	22.33	33	PASS
Band38	10MHz	QPSK	38200	25RB#0	21.75	21.15	33	PASS
Band38	10MHz	QPSK	38200	25RB#12	21.77	21.17	33	PASS
Band38	10MHz	QPSK	38200	25RB#25	21.91	21.31	33	PASS
Band38	10MHz	QPSK	38200	50RB#0	21.84	21.24	33	PASS
Band38	10MHz	64QAM	37800	1RB#0	21.02	20.42	33	PASS
Band38	10MHz	64QAM	37800	1RB#24	20.76	20.16	33	PASS
Band38	10MHz	64QAM	37800	1RB#49	20.66	20.06	33	PASS
Band38	10MHz	64QAM	37800	25RB#0	19.72	19.12	33	PASS
Band38	10MHz	64QAM	37800	25RB#12	19.73	19.13	33	PASS
Band38	10MHz	64QAM	37800	25RB#25	19.88	19.28	33	PASS
Band38	10MHz	64QAM	37800	50RB#0	19.74	19.14	33	PASS
Band38	10MHz	64QAM	38000	1RB#0	20.73	20.13	33	PASS
Band38	10MHz	64QAM	38000	1RB#24	20.46	19.86	33	PASS

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Band38	10MHz	64QAM	38000	1RB#49	20.51	19.91	33	PASS
Band38	10MHz	64QAM	38000	25RB#0	19.60	19.00	33	PASS
Band38	10MHz	64QAM	38000	25RB#12	19.69	19.09	33	PASS
Band38	10MHz	64QAM	38000	25RB#25	19.61	19.01	33	PASS
Band38	10MHz	64QAM	38000	50RB#0	19.80	19.20	33	PASS
Band38	10MHz	64QAM	38200	1RB#0	20.63	20.03	33	PASS
Band38	10MHz	64QAM	38200	1RB#24	20.50	19.90	33	PASS
Band38	10MHz	64QAM	38200	1RB#49	20.94	20.34	33	PASS
Band38	10MHz	64QAM	38200	25RB#0	19.52	18.92	33	PASS
Band38	10MHz	64QAM	38200	25RB#12	19.70	19.10	33	PASS
Band38	10MHz	64QAM	38200	25RB#25	19.45	18.85	33	PASS
Band38	10MHz	64QAM	38200	50RB#0	19.75	19.15	33	PASS
Band38	10MHz	16QAM	37800	1RB#0	22.09	21.49	33	PASS
Band38	10MHz	16QAM	37800	1RB#24	21.94	21.34	33	PASS
Band38	10MHz	16QAM	37800	1RB#49	21.85	21.25	33	PASS
Band38	10MHz	16QAM	37800	25RB#0	21.00	20.40	33	PASS
Band38	10MHz	16QAM	37800	25RB#12	20.89	20.29	33	PASS
Band38	10MHz	16QAM	37800	25RB#25	20.87	20.27	33	PASS
Band38	10MHz	16QAM	37800	50RB#0	21.00	20.40	33	PASS
Band38	10MHz	16QAM	38000	1RB#0	22.03	21.43	33	PASS
Band38	10MHz	16QAM	38000	1RB#24	21.78	21.18	33	PASS
Band38	10MHz	16QAM	38000	1RB#49	21.97	21.37	33	PASS
Band38	10MHz	16QAM	38000	25RB#0	20.87	20.27	33	PASS
Band38	10MHz	16QAM	38000	25RB#12	20.80	20.20	33	PASS
Band38	10MHz	16QAM	38000	25RB#25	20.73	20.13	33	PASS
Band38	10MHz	16QAM	38000	50RB#0	20.90	20.30	33	PASS
Band38	10MHz	16QAM	38200	1RB#0	22.17	21.57	33	PASS
Band38	10MHz	16QAM	38200	1RB#24	21.90	21.30	33	PASS
Band38	10MHz	16QAM	38200	1RB#49	22.07	21.47	33	PASS
Band38	10MHz	16QAM	38200	25RB#0	20.78	20.18	33	PASS
Band38	10MHz	16QAM	38200	25RB#12	20.62	20.02	33	PASS
Band38	10MHz	16QAM	38200	25RB#25	20.77	20.17	33	PASS
Band38	10MHz	16QAM	38200	50RB#0	20.72	20.12	33	PASS

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Band38	15MHz	QPSK	37825	1RB#0	23.43	22.83	33	PASS
Band38	15MHz	QPSK	37825	1RB#38	22.83	22.23	33	PASS
Band38	15MHz	QPSK	37825	1RB#74	23.19	22.59	33	PASS
Band38	15MHz	QPSK	37825	36RB#0	21.98	21.38	33	PASS
Band38	15MHz	QPSK	37825	36RB#18	21.94	21.34	33	PASS
Band38	15MHz	QPSK	37825	36RB#39	21.92	21.32	33	PASS
Band38	15MHz	QPSK	37825	75RB#0	21.85	21.25	33	PASS
Band38	15MHz	QPSK	38000	1RB#0	23.20	22.60	33	PASS
Band38	15MHz	QPSK	38000	1RB#38	22.55	21.95	33	PASS
Band38	15MHz	QPSK	38000	1RB#74	23.06	22.46	33	PASS
Band38	15MHz	QPSK	38000	36RB#0	21.63	21.03	33	PASS
Band38	15MHz	QPSK	38000	36RB#18	21.83	21.23	33	PASS
Band38	15MHz	QPSK	38000	36RB#39	21.77	21.17	33	PASS
Band38	15MHz	QPSK	38000	75RB#0	21.82	21.22	33	PASS
Band38	15MHz	QPSK	38175	1RB#0	22.85	22.25	33	PASS
Band38	15MHz	QPSK	38175	1RB#38	22.84	22.24	33	PASS
Band38	15MHz	QPSK	38175	1RB#74	22.97	22.37	33	PASS
Band38	15MHz	QPSK	38175	36RB#0	21.58	20.98	33	PASS
Band38	15MHz	QPSK	38175	36RB#18	21.61	21.01	33	PASS
Band38	15MHz	QPSK	38175	36RB#39	21.96	21.36	33	PASS
Band38	15MHz	QPSK	38175	75RB#0	21.82	21.22	33	PASS
Band38	15MHz	64QAM	37825	1RB#0	21.02	20.42	33	PASS
Band38	15MHz	64QAM	37825	1RB#38	20.79	20.19	33	PASS
Band38	15MHz	64QAM	37825	1RB#74	20.65	20.05	33	PASS
Band38	15MHz	64QAM	37825	36RB#0	19.78	19.18	33	PASS
Band38	15MHz	64QAM	37825	36RB#18	19.67	19.07	33	PASS
Band38	15MHz	64QAM	37825	36RB#39	19.91	19.31	33	PASS
Band38	15MHz	64QAM	37825	75RB#0	19.76	19.16	33	PASS
Band38	15MHz	64QAM	38000	1RB#0	20.78	20.18	33	PASS
Band38	15MHz	64QAM	38000	1RB#38	20.55	19.95	33	PASS
Band38	15MHz	64QAM	38000	1RB#74	20.53	19.93	33	PASS
Band38	15MHz	64QAM	38000	36RB#0	19.62	19.02	33	PASS
Band38	15MHz	64QAM	38000	36RB#18	19.64	19.04	33	PASS

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Band38	15MHz	64QAM	38000	36RB#39	19.65	19.05	33	PASS
Band38	15MHz	64QAM	38000	75RB#0	19.80	19.20	33	PASS
Band38	15MHz	64QAM	38175	1RB#0	20.68	20.08	33	PASS
Band38	15MHz	64QAM	38175	1RB#38	20.62	20.02	33	PASS
Band38	15MHz	64QAM	38175	1RB#74	20.87	20.27	33	PASS
Band38	15MHz	64QAM	38175	36RB#0	19.60	19.00	33	PASS
Band38	15MHz	64QAM	38175	36RB#18	19.71	19.11	33	PASS
Band38	15MHz	64QAM	38175	36RB#39	19.52	18.92	33	PASS
Band38	15MHz	64QAM	38175	75RB#0	19.77	19.17	33	PASS
Band38	15MHz	16QAM	37825	1RB#0	22.44	21.84	33	PASS
Band38	15MHz	16QAM	37825	1RB#38	21.92	21.32	33	PASS
Band38	15MHz	16QAM	37825	1RB#74	21.96	21.36	33	PASS
Band38	15MHz	16QAM	37825	36RB#0	20.80	20.20	33	PASS
Band38	15MHz	16QAM	37825	36RB#18	20.97	20.37	33	PASS
Band38	15MHz	16QAM	37825	36RB#39	20.85	20.25	33	PASS
Band38	15MHz	16QAM	37825	75RB#0	20.92	20.32	33	PASS
Band38	15MHz	16QAM	38000	1RB#0	21.96	21.36	33	PASS
Band38	15MHz	16QAM	38000	1RB#38	21.58	20.98	33	PASS
Band38	15MHz	16QAM	38000	1RB#74	21.89	21.29	33	PASS
Band38	15MHz	16QAM	38000	36RB#0	20.61	20.01	33	PASS
Band38	15MHz	16QAM	38000	36RB#18	20.54	19.94	33	PASS
Band38	15MHz	16QAM	38000	36RB#39	20.72	20.12	33	PASS
Band38	15MHz	16QAM	38000	75RB#0	20.60	20.00	33	PASS
Band38	15MHz	16QAM	38175	1RB#0	21.93	21.33	33	PASS
Band38	15MHz	16QAM	38175	1RB#38	22.05	21.45	33	PASS
Band38	15MHz	16QAM	38175	1RB#74	22.07	21.47	33	PASS
Band38	15MHz	16QAM	38175	36RB#0	20.57	19.97	33	PASS
Band38	15MHz	16QAM	38175	36RB#18	20.63	20.03	33	PASS
Band38	15MHz	16QAM	38175	36RB#39	20.77	20.17	33	PASS
Band38	15MHz	16QAM	38175	75RB#0	20.79	20.19	33	PASS
Band38	20MHz	QPSK	37850	1RB#0	23.23	22.63	33	PASS
Band38	20MHz	QPSK	37850	1RB#49	22.87	22.27	33	PASS
Band38	20MHz	QPSK	37850	1RB#99	22.90	22.30	33	PASS

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Band38	20MHz	QPSK	37850	50RB#0	22.00	21.40	33	PASS
Band38	20MHz	QPSK	37850	50RB#25	21.86	21.26	33	PASS
Band38	20MHz	QPSK	37850	50RB#50	21.98	21.38	33	PASS
Band38	20MHz	QPSK	37850	100RB#0	22.01	21.41	33	PASS
Band38	20MHz	QPSK	38000	1RB#0	22.96	22.36	33	PASS
Band38	20MHz	QPSK	38000	1RB#49	22.66	22.06	33	PASS
Band38	20MHz	QPSK	38000	1RB#99	23.24	22.64	33	PASS
Band38	20MHz	QPSK	38000	50RB#0	21.73	21.13	33	PASS
Band38	20MHz	QPSK	38000	50RB#25	21.66	21.06	33	PASS
Band38	20MHz	QPSK	38000	50RB#50	22.01	21.41	33	PASS
Band38	20MHz	QPSK	38000	100RB#0	22.02	21.42	33	PASS
Band38	20MHz	QPSK	38150	1RB#0	22.93	22.33	33	PASS
Band38	20MHz	QPSK	38150	1RB#49	22.64	22.04	33	PASS
Band38	20MHz	QPSK	38150	1RB#99	23.11	22.51	33	PASS
Band38	20MHz	QPSK	38150	50RB#0	21.82	21.22	33	PASS
Band38	20MHz	QPSK	38150	50RB#25	21.60	21.00	33	PASS
Band38	20MHz	QPSK	38150	50RB#50	21.92	21.32	33	PASS
Band38	20MHz	QPSK	38150	100RB#0	21.96	21.36	33	PASS
Band38	20MHz	64QAM	37850	1RB#0	21.03	20.43	33	PASS
Band38	20MHz	64QAM	37850	1RB#49	20.82	20.22	33	PASS
Band38	20MHz	64QAM	37850	1RB#99	20.75	20.15	33	PASS
Band38	20MHz	64QAM	37850	50RB#0	19.77	19.17	33	PASS
Band38	20MHz	64QAM	37850	50RB#25	19.74	19.14	33	PASS
Band38	20MHz	64QAM	37850	50RB#50	19.82	19.22	33	PASS
Band38	20MHz	64QAM	37850	100RB#0	19.73	19.13	33	PASS
Band38	20MHz	64QAM	38000	1RB#0	20.77	20.17	33	PASS
Band38	20MHz	64QAM	38000	1RB#49	20.56	19.96	33	PASS
Band38	20MHz	64QAM	38000	1RB#99	20.55	19.95	33	PASS
Band38	20MHz	64QAM	38000	50RB#0	19.64	19.04	33	PASS
Band38	20MHz	64QAM	38000	50RB#25	19.70	19.10	33	PASS
Band38	20MHz	64QAM	38000	50RB#50	19.60	19.00	33	PASS
Band38	20MHz	64QAM	38000	100RB#0	19.77	19.17	33	PASS
Band38	20MHz	64QAM	38150	1RB#0	20.74	20.14	33	PASS

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Band38	20MHz	64QAM	38150	1RB#49	20.54	19.94	33	PASS
Band38	20MHz	64QAM	38150	1RB#99	20.97	20.37	33	PASS
Band38	20MHz	64QAM	38150	50RB#0	19.67	19.07	33	PASS
Band38	20MHz	64QAM	38150	50RB#25	19.73	19.13	33	PASS
Band38	20MHz	64QAM	38150	50RB#50	19.48	18.88	33	PASS
Band38	20MHz	64QAM	38150	100RB#0	19.77	19.17	33	PASS
Band38	20MHz	16QAM	37850	1RB#0	22.15	21.55	33	PASS
Band38	20MHz	16QAM	37850	1RB#49	21.98	21.38	33	PASS
Band38	20MHz	16QAM	37850	1RB#99	21.85	21.25	33	PASS
Band38	20MHz	16QAM	37850	50RB#0	20.97	20.37	33	PASS
Band38	20MHz	16QAM	37850	50RB#25	20.86	20.26	33	PASS
Band38	20MHz	16QAM	37850	50RB#50	21.01	20.41	33	PASS
Band38	20MHz	16QAM	37850	100RB#0	20.89	20.29	33	PASS
Band38	20MHz	16QAM	38000	1RB#0	21.88	21.28	33	PASS
Band38	20MHz	16QAM	38000	1RB#49	21.71	21.11	33	PASS
Band38	20MHz	16QAM	38000	1RB#99	21.70	21.10	33	PASS
Band38	20MHz	16QAM	38000	50RB#0	20.77	20.17	33	PASS
Band38	20MHz	16QAM	38000	50RB#25	20.81	20.21	33	PASS
Band38	20MHz	16QAM	38000	50RB#50	20.75	20.15	33	PASS
Band38	20MHz	16QAM	38000	100RB#0	20.95	20.35	33	PASS
Band38	20MHz	16QAM	38150	1RB#0	21.86	21.26	33	PASS
Band38	20MHz	16QAM	38150	1RB#49	21.72	21.12	33	PASS
Band38	20MHz	16QAM	38150	1RB#99	22.07	21.47	33	PASS
Band38	20MHz	16QAM	38150	50RB#0	20.77	20.17	33	PASS
Band38	20MHz	16QAM	38150	50RB#25	20.85	20.25	33	PASS
Band38	20MHz	16QAM	38150	50RB#50	20.65	20.05	33	PASS
Band38	20MHz	16QAM	38150	100RB#0	20.92	20.32	33	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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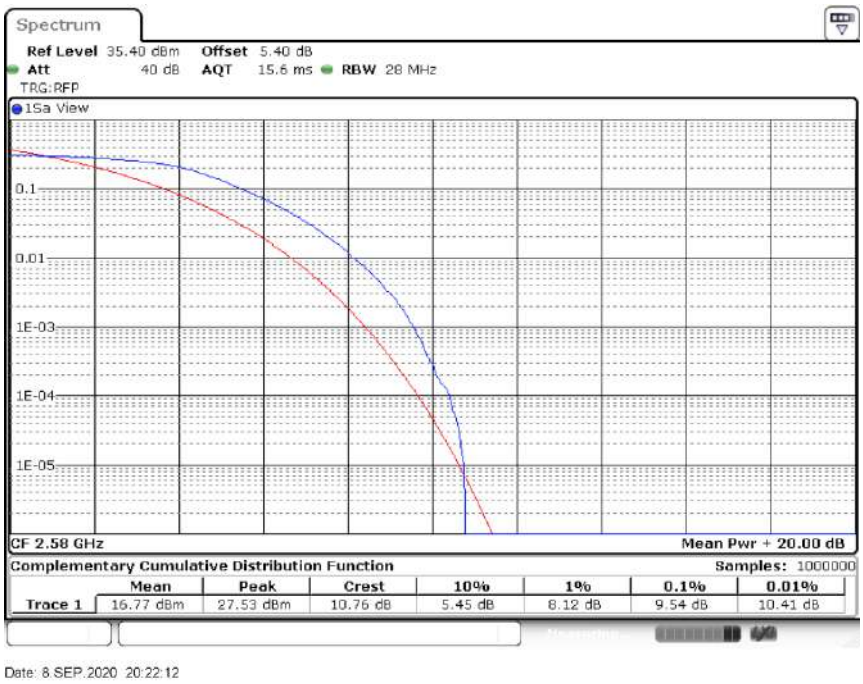
2. Peak-to-Average Ratio (CCDF)

2.1. Test Result

Band	Bandwidth	Modulation	Channel	RB Configuration	Result(dB)	Limit(dB)	Verdict
Band38	20MHz	QPSK	37850	100RB#0	9.54	13	PASS
Band38	20MHz	QPSK	38000	100RB#0	8.90	13	PASS
Band38	20MHz	QPSK	38150	100RB#0	8.96	13	PASS
Band38	20MHz	64QAM	37850	100RB#0	11.04	13	PASS
Band38	20MHz	64QAM	38000	100RB#0	9.91	13	PASS
Band38	20MHz	64QAM	38150	100RB#0	9.91	13	PASS
Band38	20MHz	16QAM	37850	100RB#0	9.59	13	PASS
Band38	20MHz	16QAM	38000	100RB#0	9.74	13	PASS
Band38	20MHz	16QAM	38150	100RB#0	9.80	13	PASS

2.2. Test Plots

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



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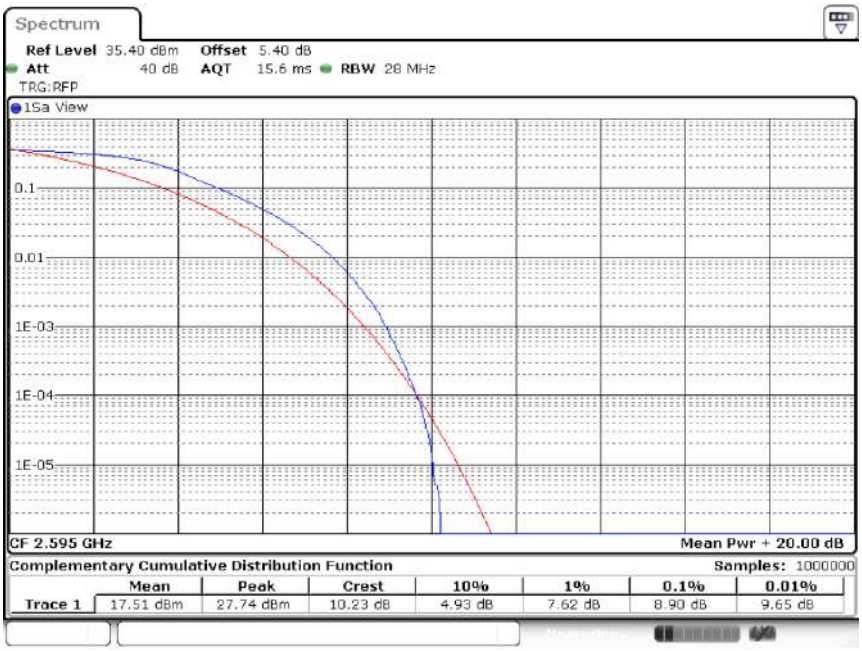
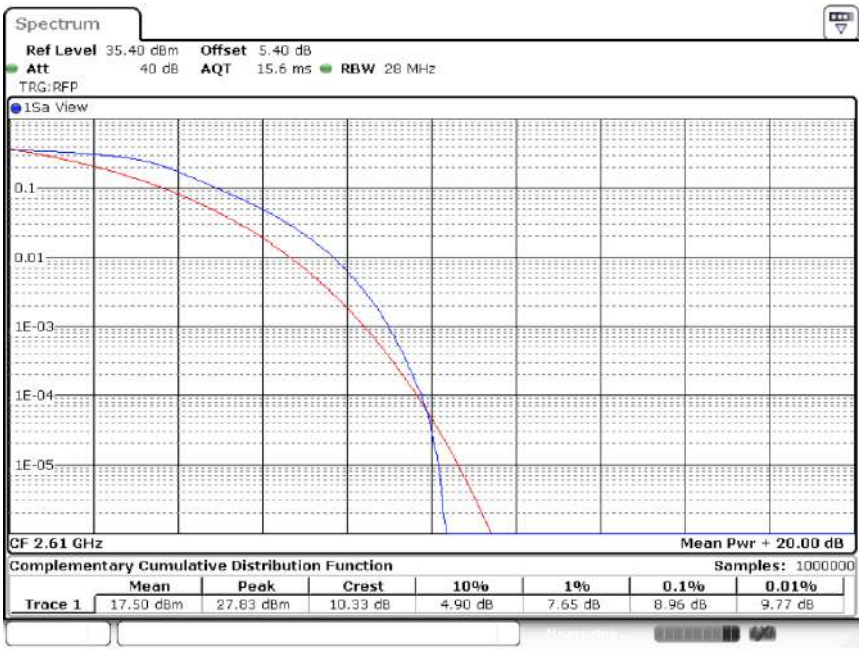
Band38-20MHz-QPSK-38000-100RB#0



Date: 8 SEP.2020 20:22:34

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



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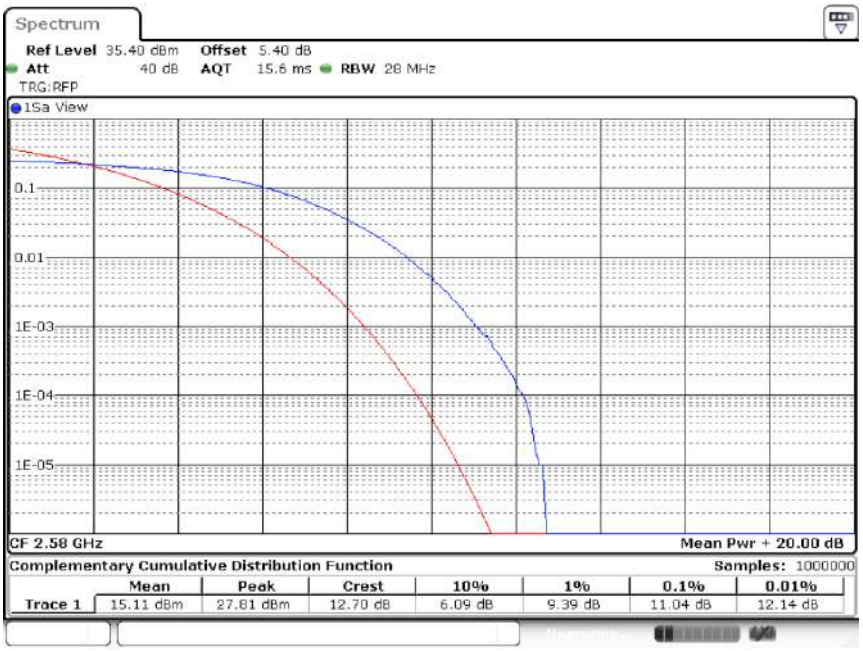
Band38-20MHz-64QAM-37850-100RB#0



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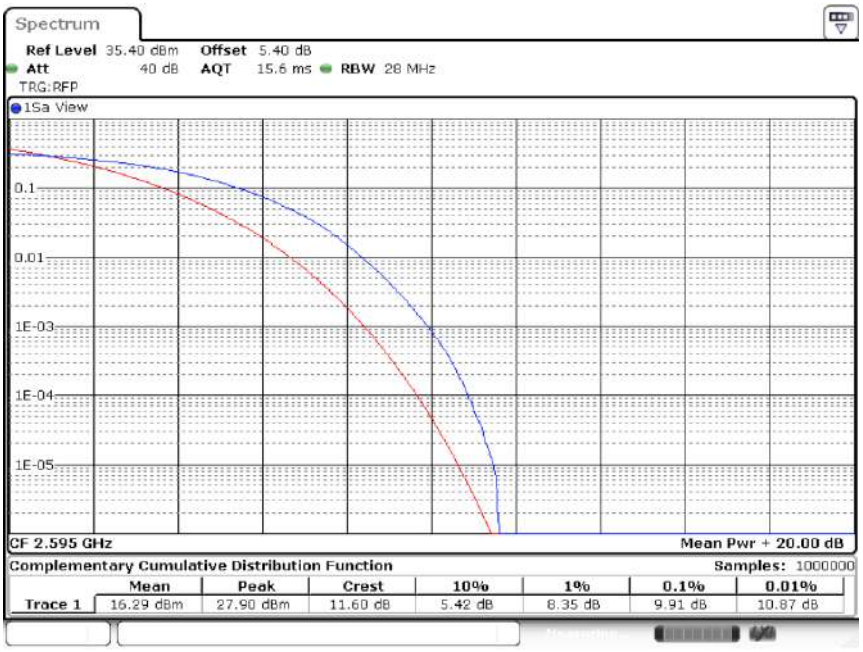
Band38-20MHz-64QAM-38000-100RB#0



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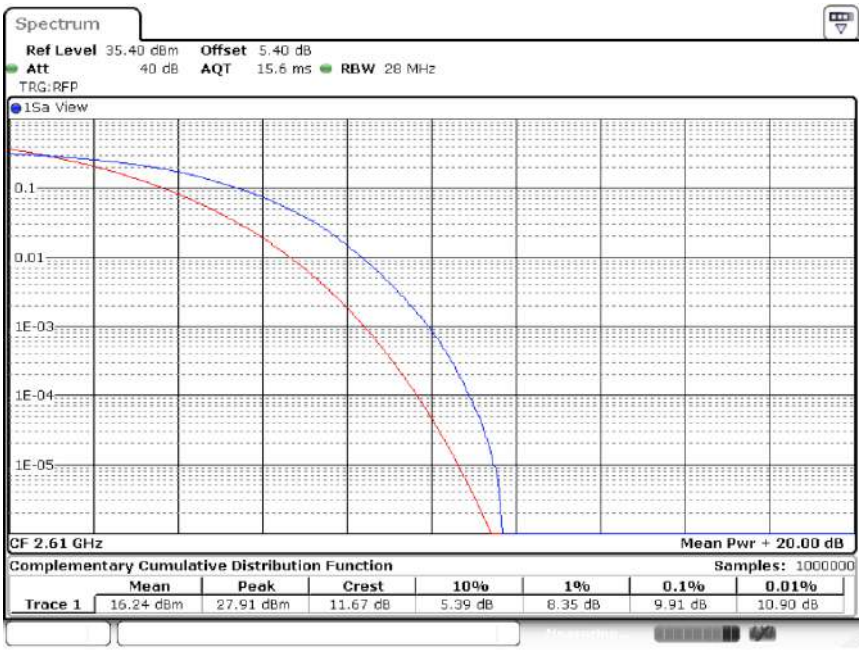

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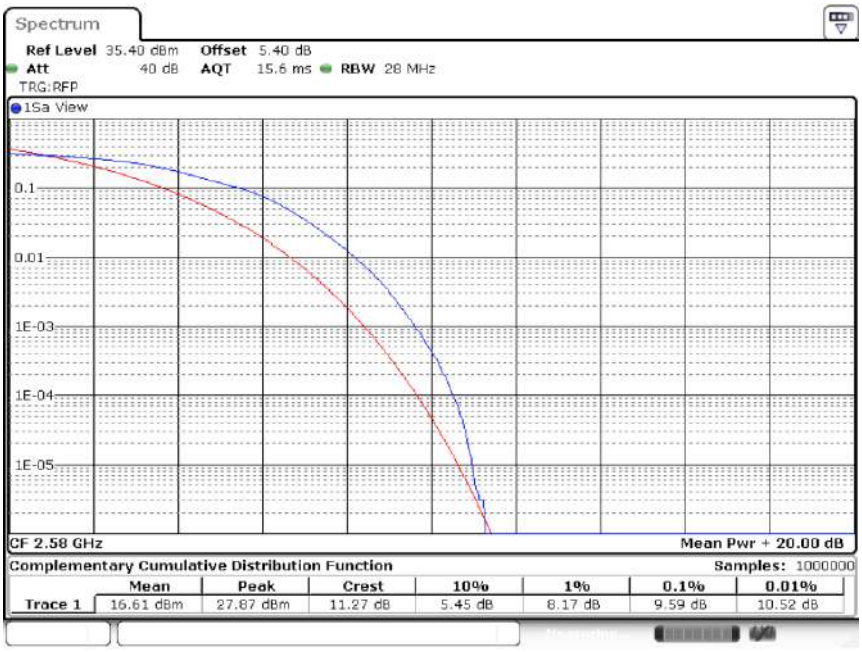
Band38-20MHz-16QAM-37850-100RB#0



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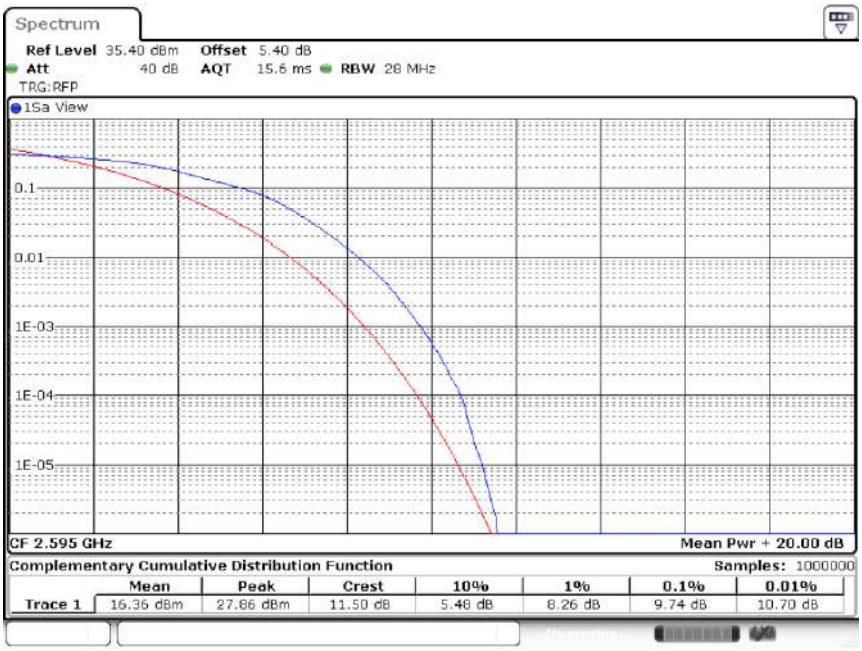

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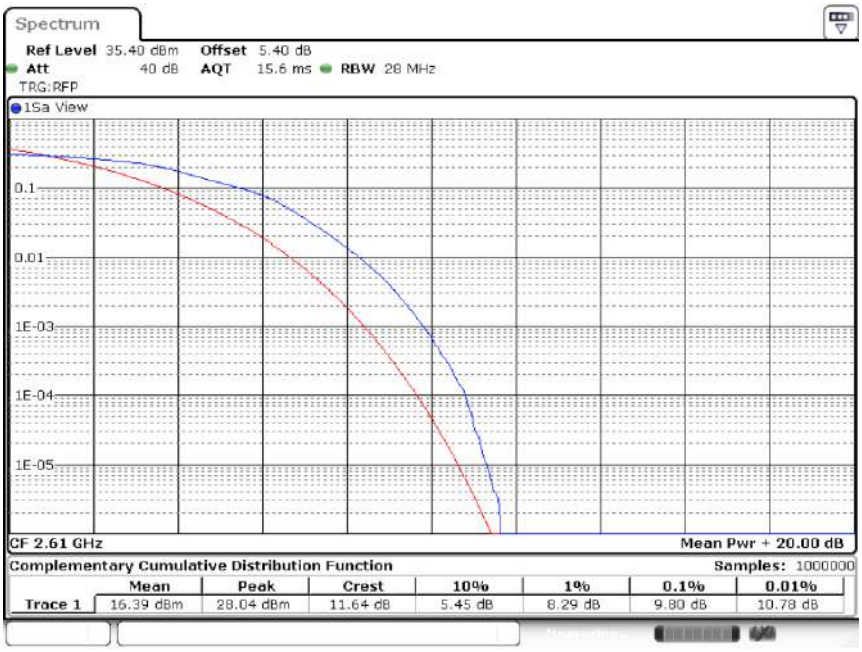
Band38-20MHz-16QAM-38150-100RB#0



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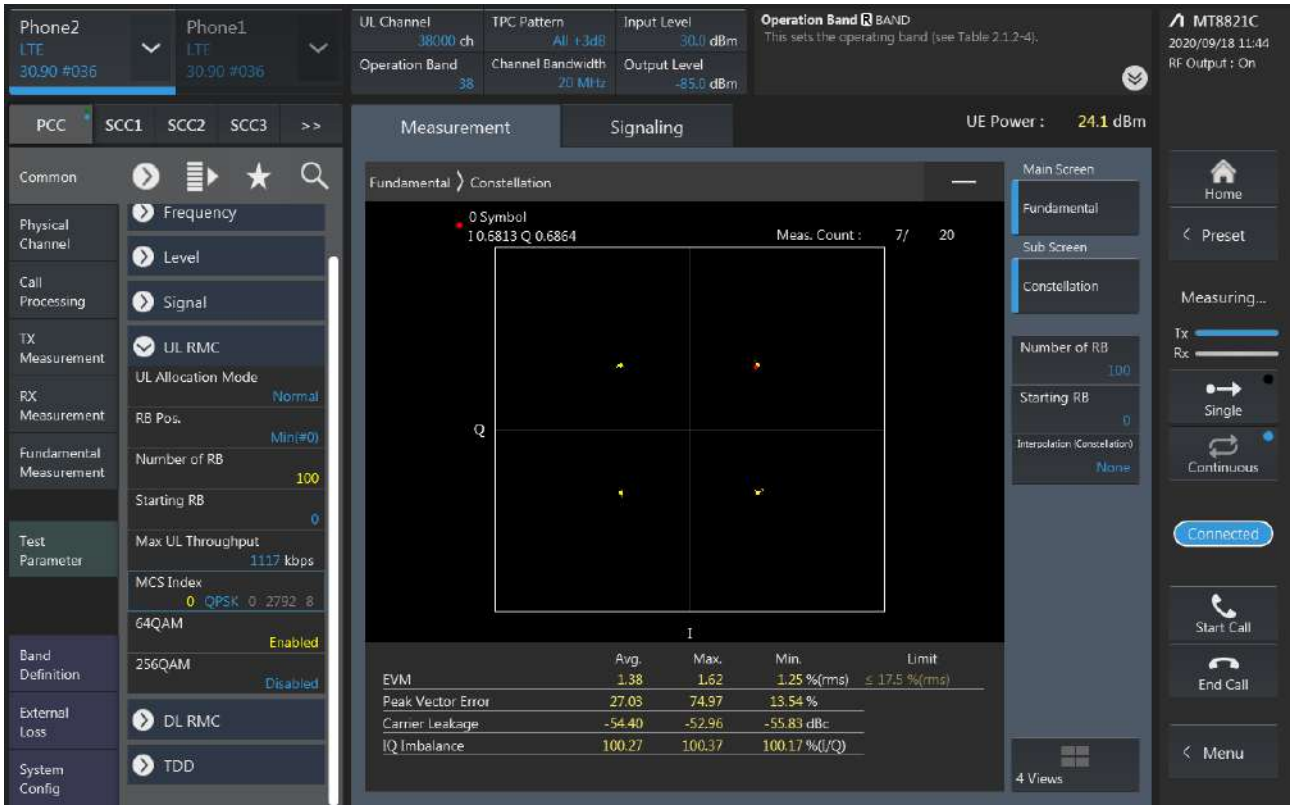
3. Modulation Characteristics

3.1. Test Mode = LTE /TM1 20MHz

3.1.1. Test Channel = MCH



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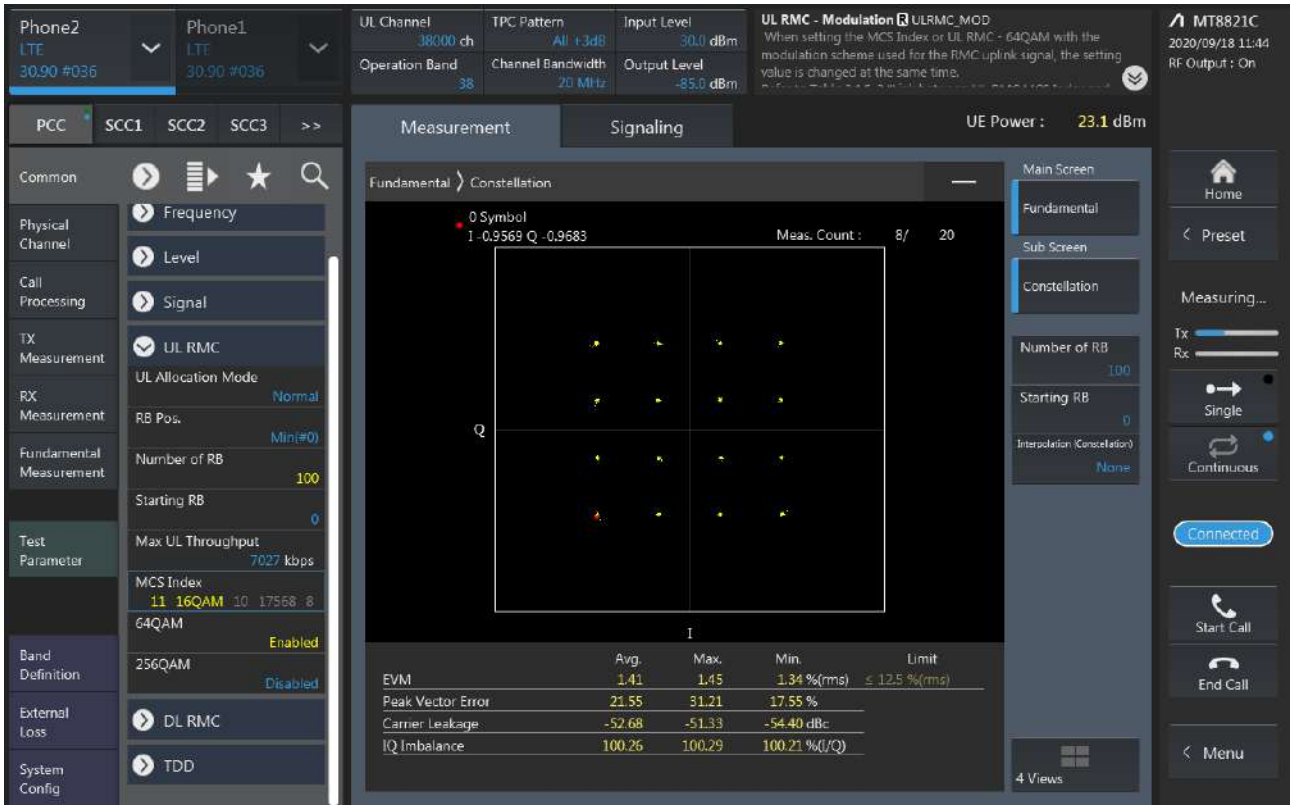
3.2. Test Mode = LTE /TM2 20MHz

3.2.1.Test Channel = MCH



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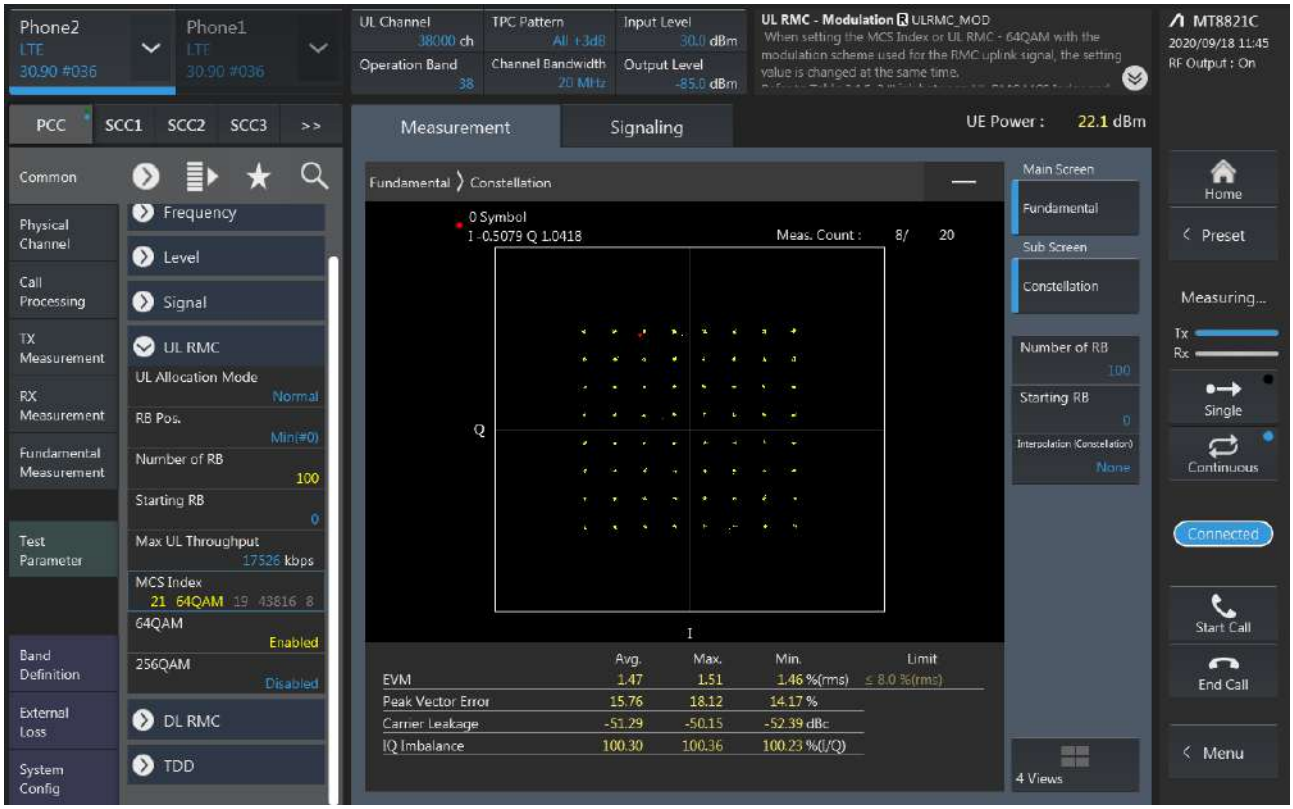
3.3. Test Mode = LTE /TM3 20MHz

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	4.980	PASS
Band38	5MHz	QPSK	38000	25RB#0	4.476	4.950	PASS
Band38	5MHz	QPSK	38225	25RB#0	4.476	4.940	PASS
Band38	5MHz	64QAM	37775	25RB#0	4.476	4.910	PASS
Band38	5MHz	64QAM	38000	25RB#0	4.466	4.900	PASS
Band38	5MHz	64QAM	38225	25RB#0	4.466	4.900	PASS
Band38	5MHz	16QAM	37775	25RB#0	4.486	4.940	PASS
Band38	5MHz	16QAM	38000	25RB#0	4.496	4.940	PASS
Band38	5MHz	16QAM	38225	25RB#0	4.496	4.950	PASS
Band38	10MHz	QPSK	37800	50RB#0	8.911	9.780	PASS
Band38	10MHz	QPSK	38000	50RB#0	8.911	9.780	PASS
Band38	10MHz	QPSK	38200	50RB#0	8.911	9.780	PASS
Band38	10MHz	64QAM	37800	50RB#0	8.911	9.780	PASS
Band38	10MHz	64QAM	38000	50RB#0	8.911	9.840	PASS
Band38	10MHz	64QAM	38200	50RB#0	8.911	9.780	PASS
Band38	10MHz	16QAM	37800	50RB#0	8.911	9.620	PASS
Band38	10MHz	16QAM	38000	50RB#0	8.911	9.640	PASS
Band38	10MHz	16QAM	38200	50RB#0	8.911	9.660	PASS
Band38	15MHz	QPSK	37825	75RB#0	13.516	16.380	PASS
Band38	15MHz	QPSK	38000	75RB#0	13.516	16.500	PASS
Band38	15MHz	QPSK	38175	75RB#0	13.516	16.650	PASS
Band38	15MHz	64QAM	37825	75RB#0	13.457	14.880	PASS
Band38	15MHz	64QAM	38000	75RB#0	13.457	14.850	PASS
Band38	15MHz	64QAM	38175	75RB#0	13.487	14.880	PASS
Band38	15MHz	16QAM	37825	75RB#0	13.457	15.210	PASS
Band38	15MHz	16QAM	38000	75RB#0	13.457	15.240	PASS
Band38	15MHz	16QAM	38175	75RB#0	13.487	15.270	PASS
Band38	20MHz	QPSK	37850	100RB#0	17.942	19.520	PASS
Band38	20MHz	QPSK	38000	100RB#0	17.942	19.520	PASS
Band38	20MHz	QPSK	38150	100RB#0	17.942	19.720	PASS
Band38	20MHz	64QAM	37850	100RB#0	17.862	19.640	PASS

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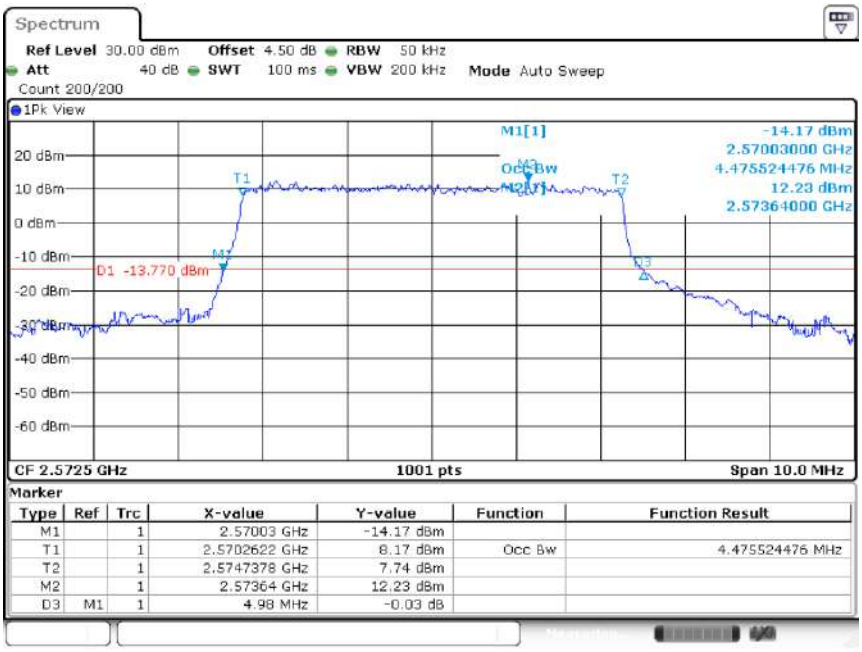
Band38	20MHz	64QAM	38000	100RB#0	17.862	19.680	PASS
Band38	20MHz	64QAM	38150	100RB#0	17.902	19.720	PASS
Band38	20MHz	16QAM	37850	100RB#0	17.902	20.040	PASS
Band38	20MHz	16QAM	38000	100RB#0	17.902	20.120	PASS
Band38	20MHz	16QAM	38150	100RB#0	17.942	20.240	PASS

4.2. Test Plots

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



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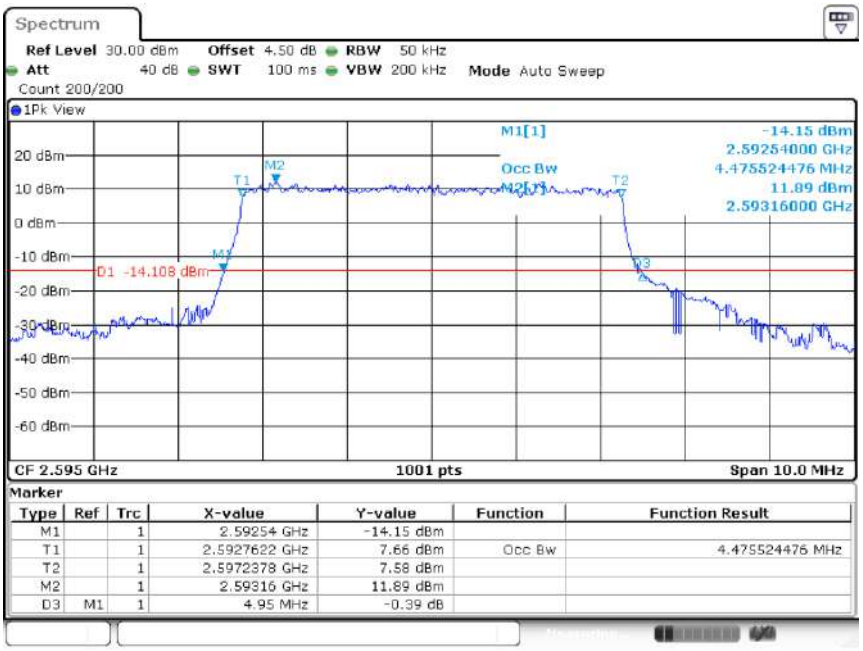

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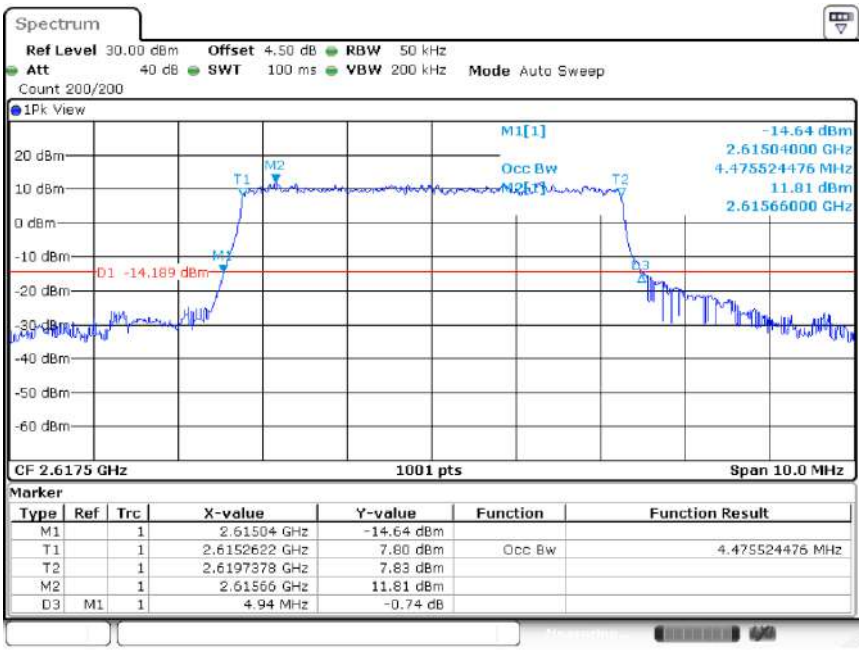

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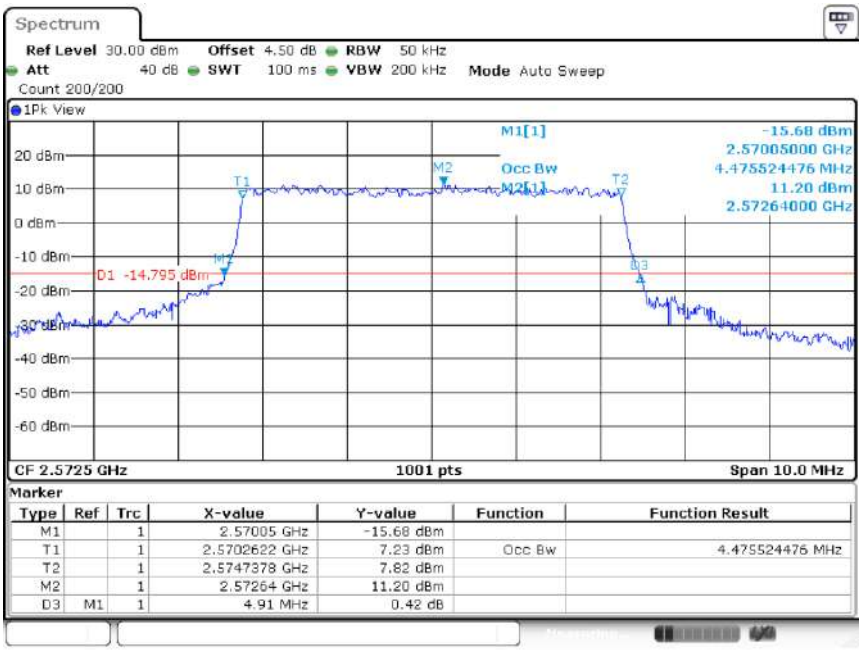

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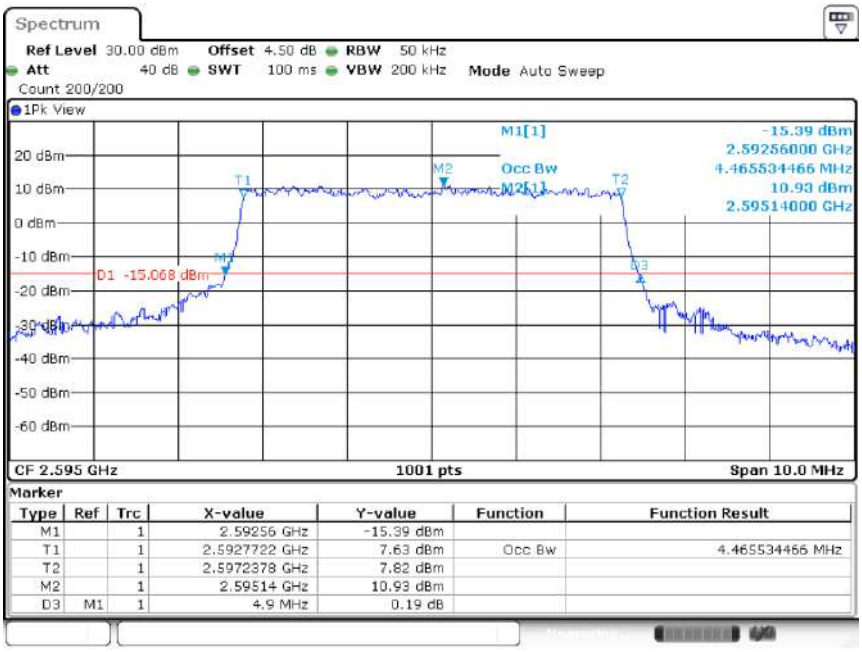

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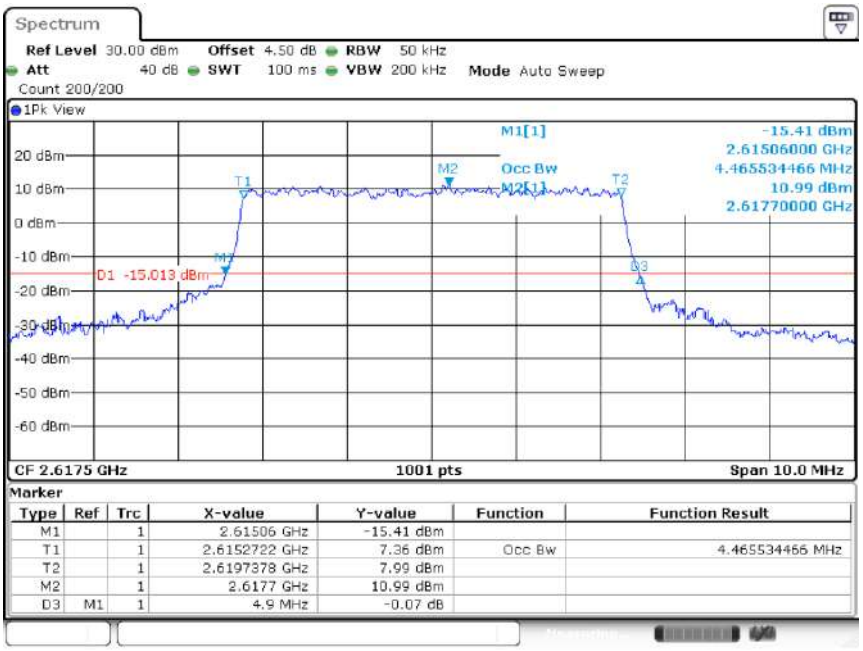

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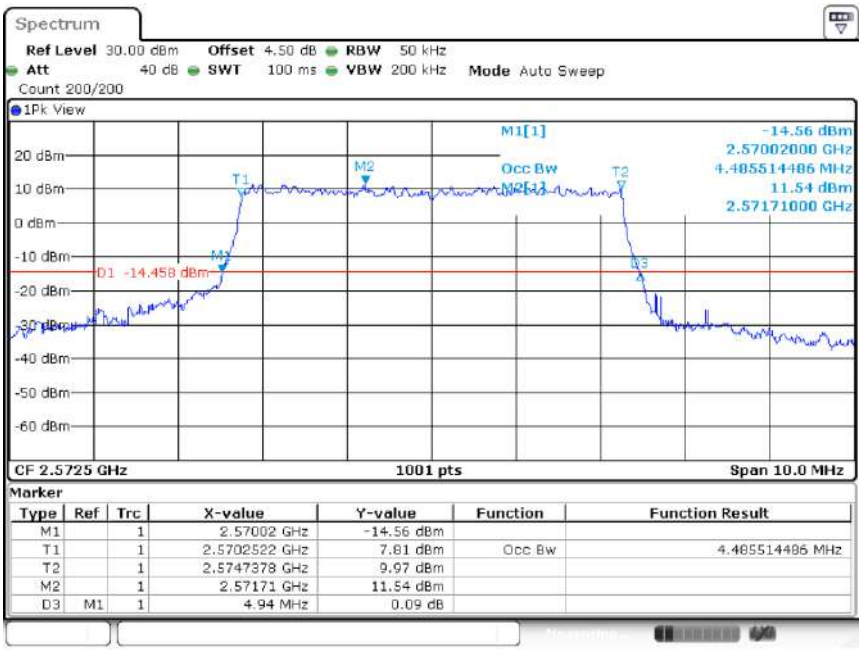

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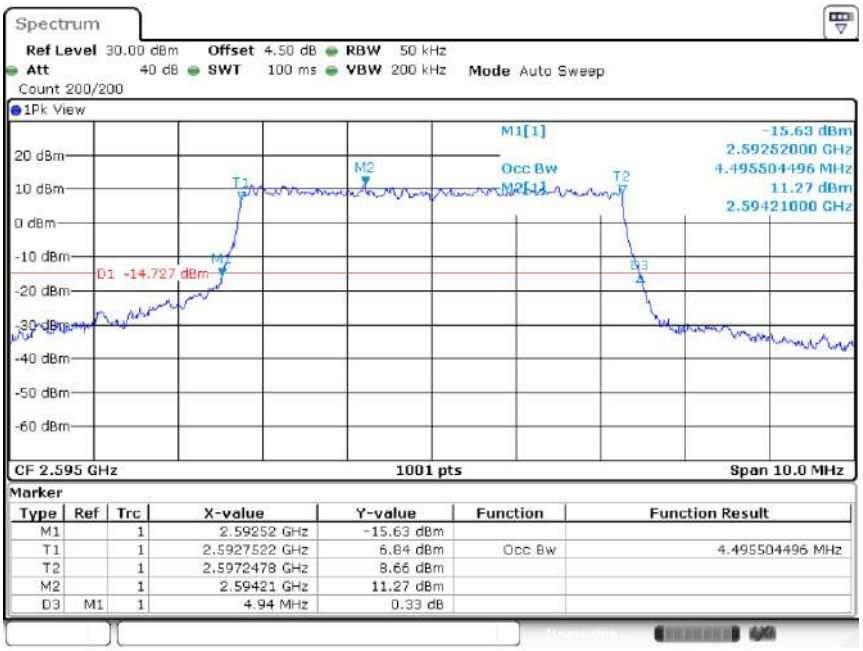

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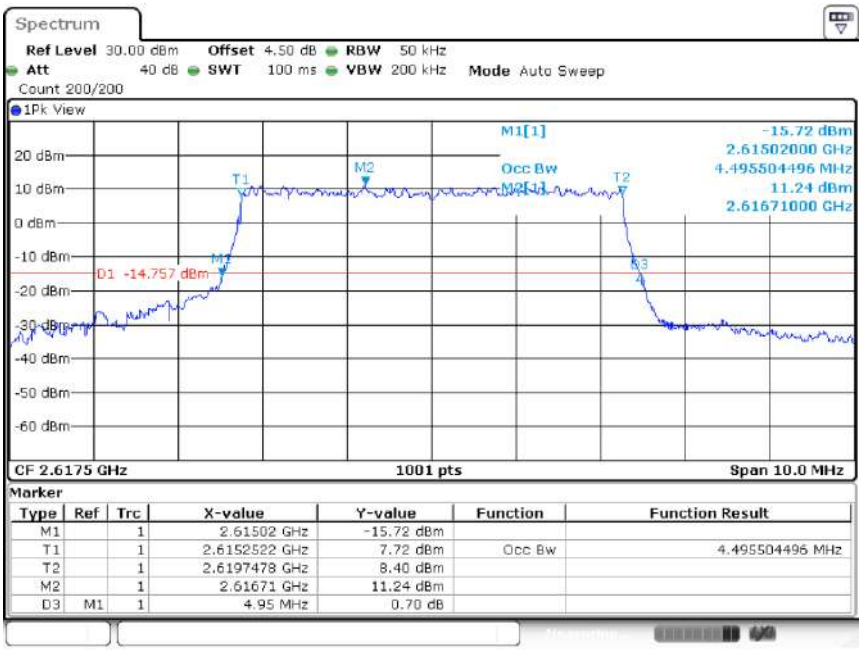
Band38-5MHz-16QAM-38225-25RB#0-4.496



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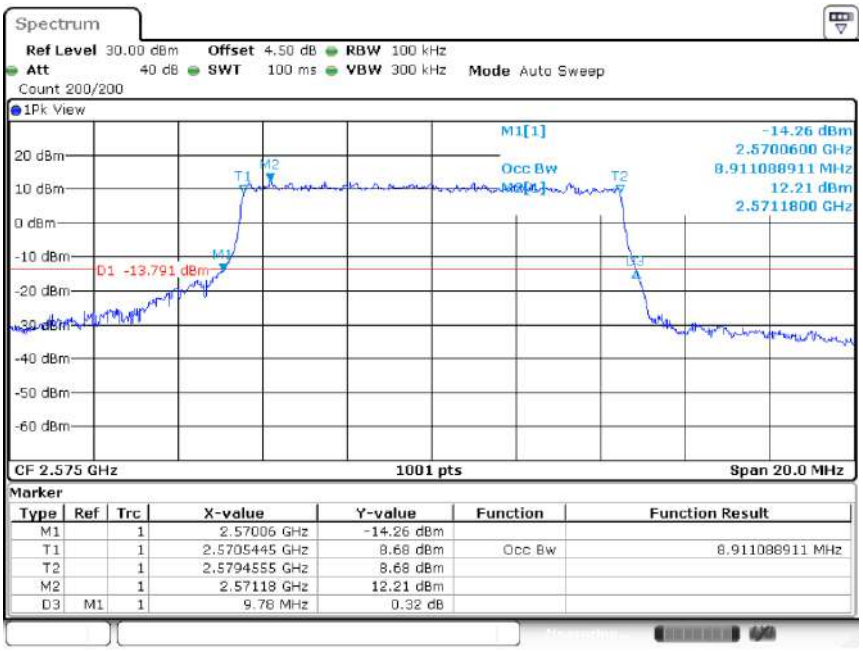
Band38-10MHz-QPSK-37800-50RB#0-8.911



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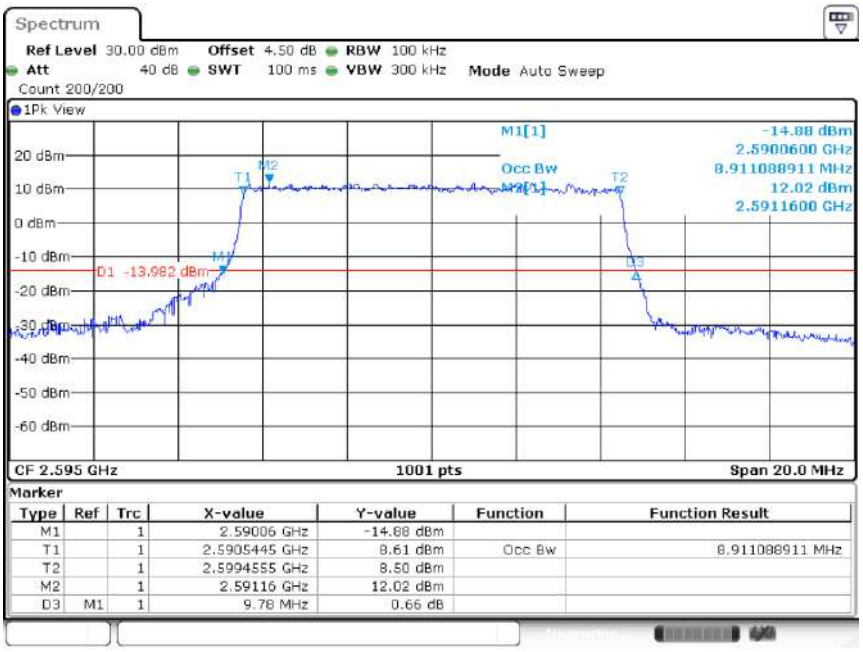
Band38-10MHz-QPSK-38000-50RB#0-8.911



Date: 4.SEP.2020 08:54:18

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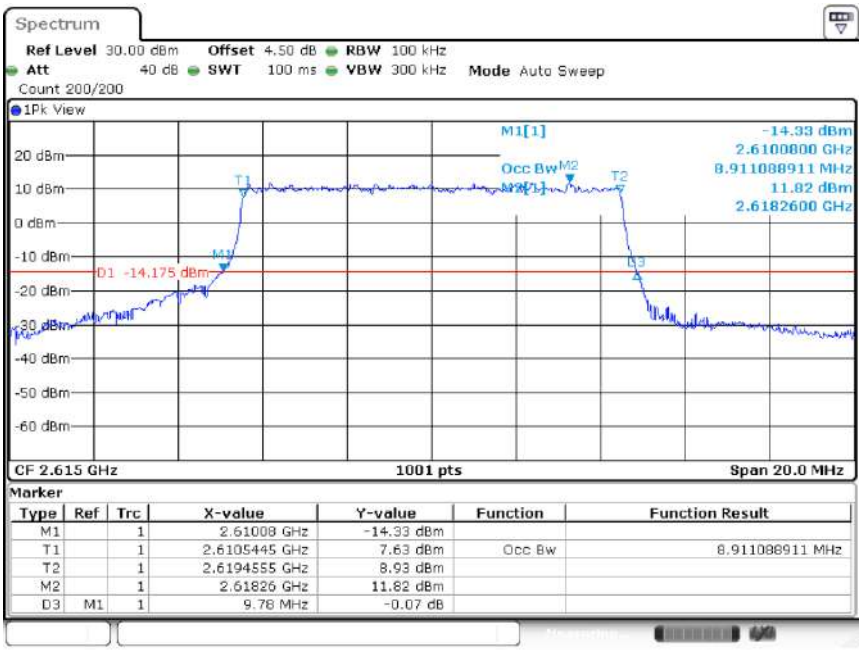
Band38-10MHz-QPSK-38200-50RB#0-8.911



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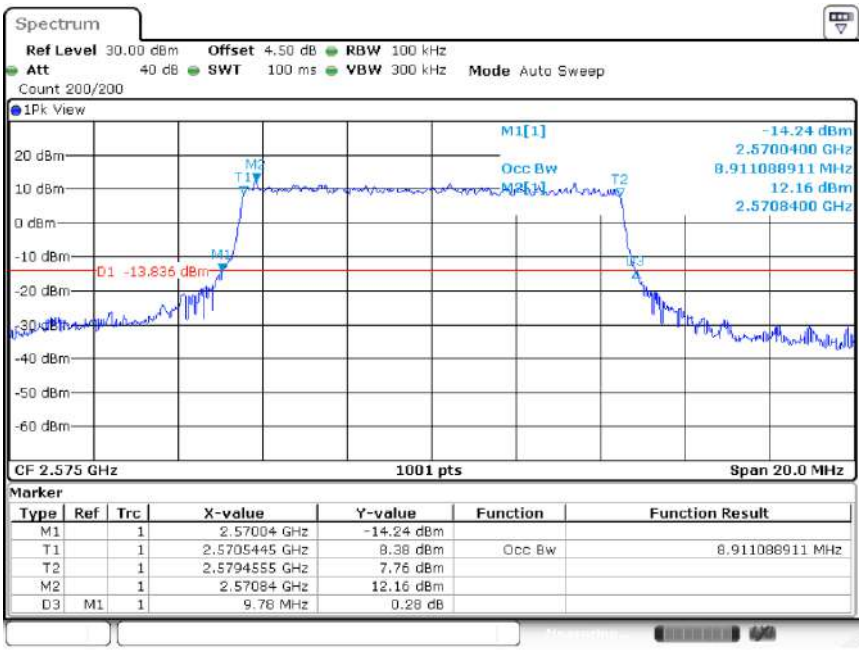
Band38-10MHz-64QAM-37800-50RB#0-8.911



Date: 4.SEP.2020 09:54:32

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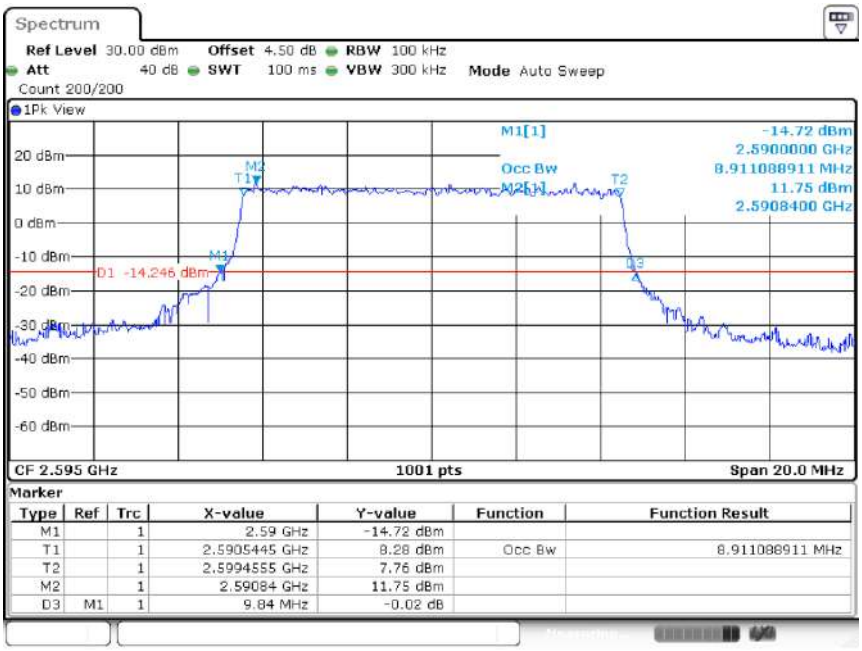

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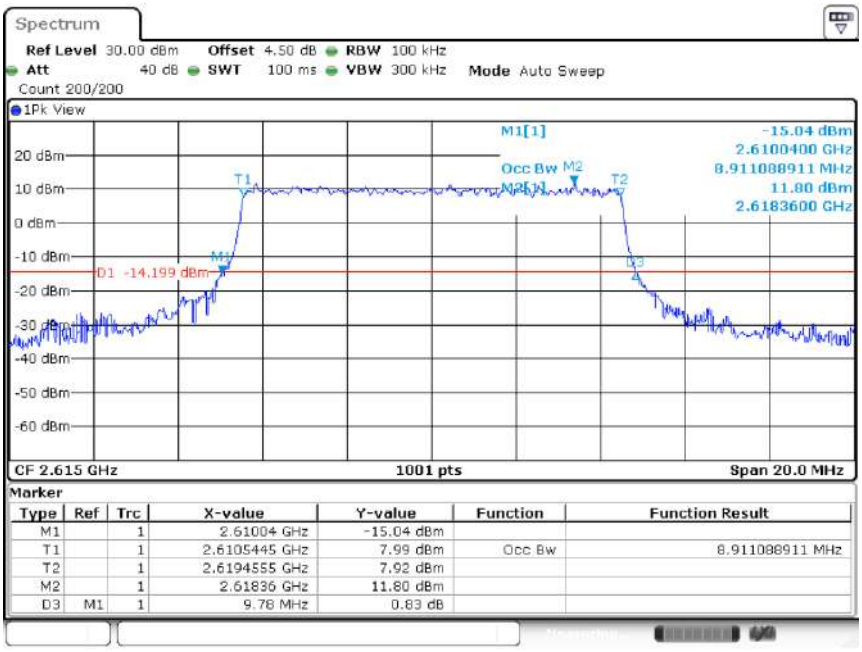
Band38-10MHz-64QAM-38200-50RB#0-8.911



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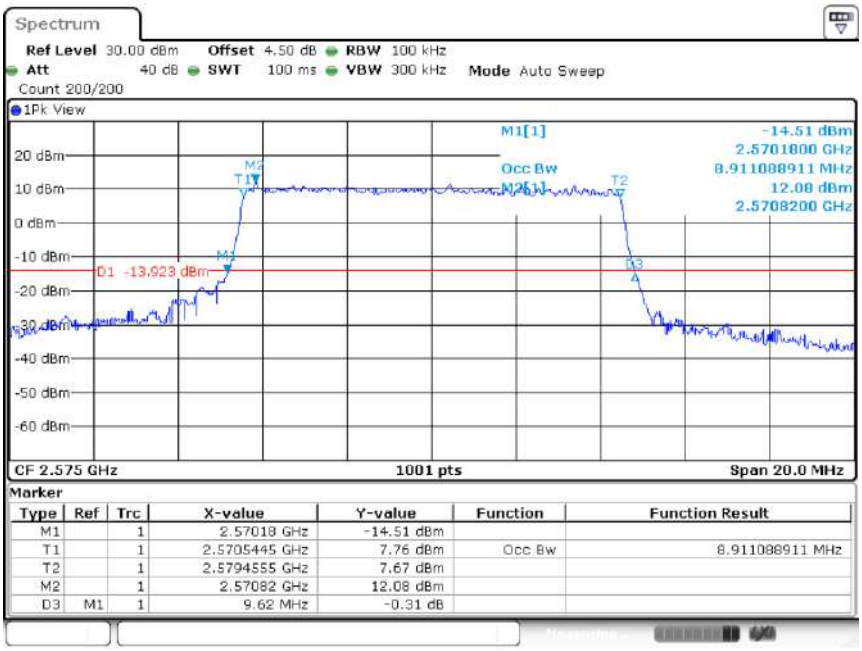

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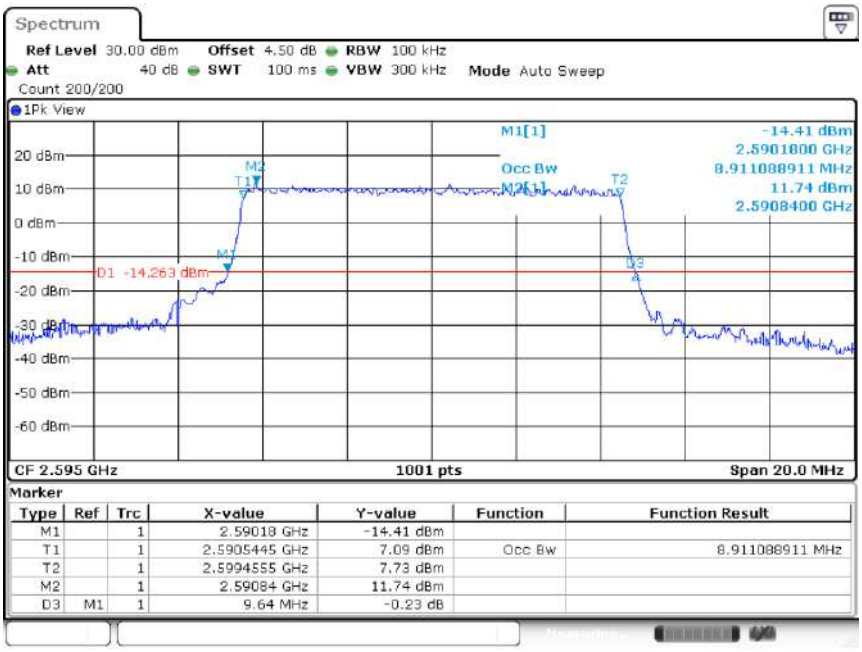
Band38-10MHz-16QAM-38000-50RB#0-8.911



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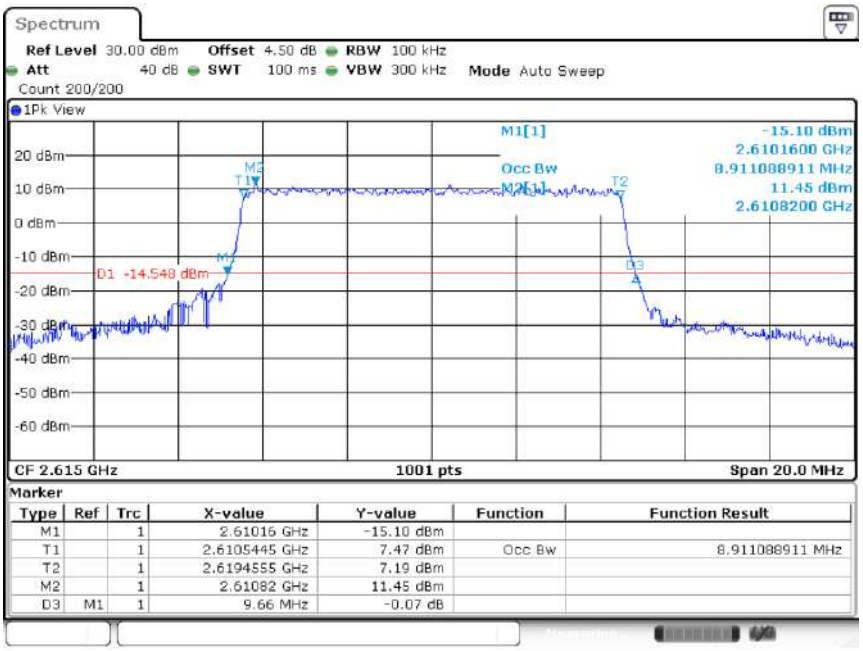
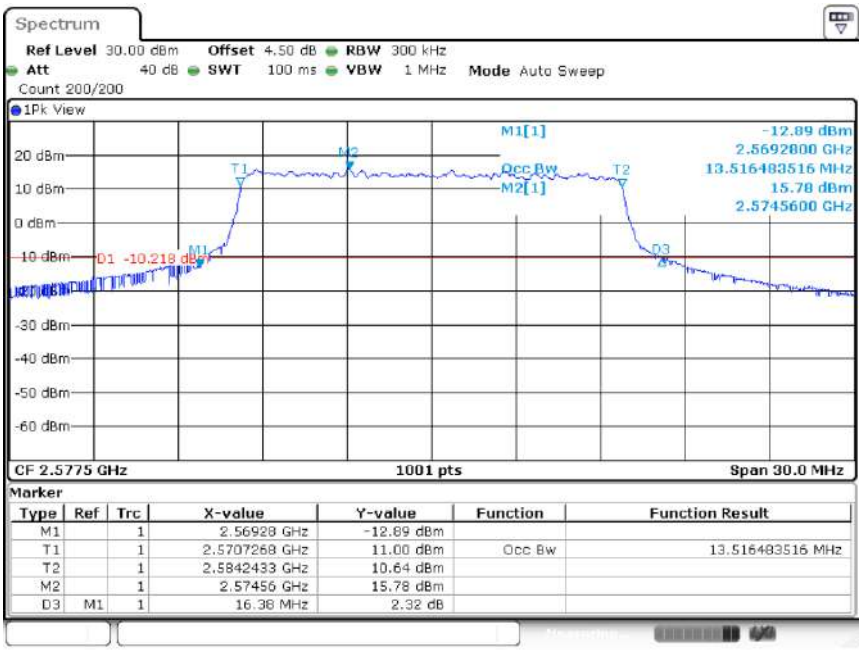


Date: 4.SEP.2020 08:55:56

Band38-15MHz-QPSK-37825-75RB#0-13.516



Date: 4.SEP.2020 10:36:11

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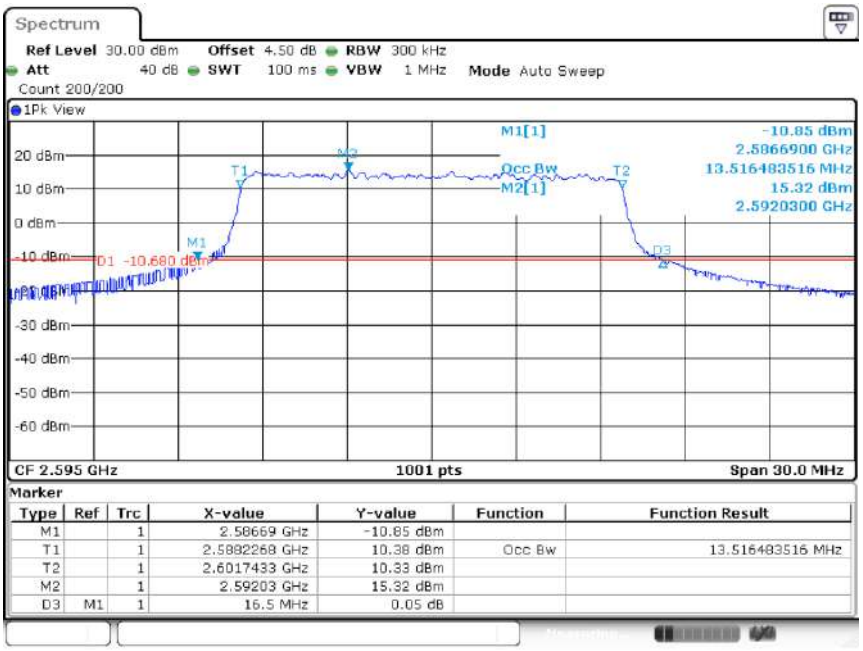
Band38-15MHz-QPSK-38000-75RB#0-13.516

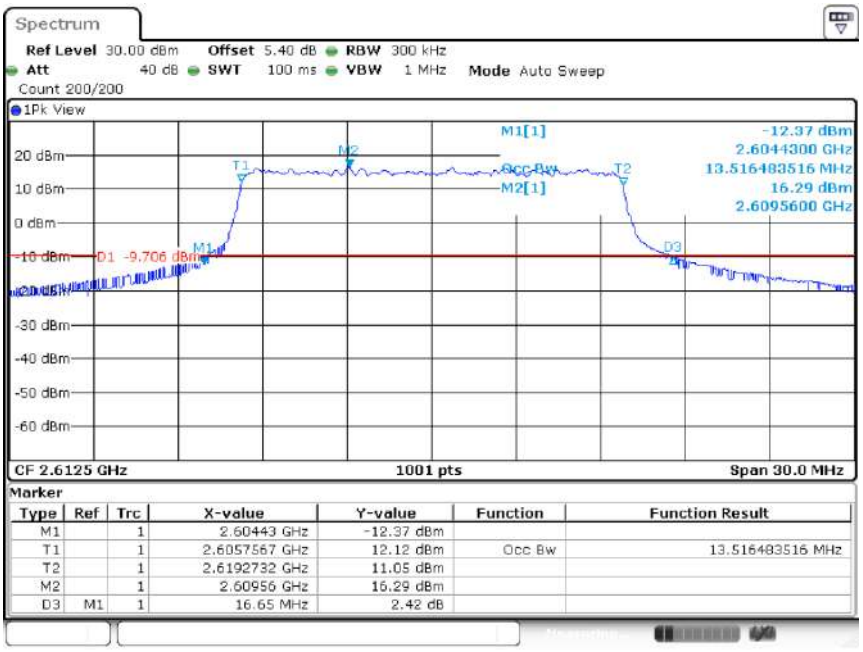


Marker

Type	Ref	Trc	X-value	Y-value	Function	Function Result
M1		1	2.58669 GHz	-10.85 dBm		
T1		1	2.5882268 GHz	10.38 dBm	Occ Bw	13.516483516 MHz
T2		1	2.6017433 GHz	10.33 dBm		
M2		1	2.59203 GHz	15.32 dBm		
D3	M1	1	16.5 MHz	0.05 dB		

Date: 4.SEP.2020 10:39:09

Band38-15MHz-QPSK-38175-75RB#0-13.516



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Type	Ref	Trc	X-value	Y-value	Function	Function Result
M1		1	2.60443 GHz	-12.37 dBm		
T1		1	2.6057567 GHz	12.12 dBm	Occ Bw	13.516483516 MHz
T2		1	2.6192732 GHz	11.05 dBm		
M2		1	2.60956 GHz	16.29 dBm		
D3	M1	1	16.65 MHz	2.42 dB		

Date: 7.SEP.2020 20:28:38

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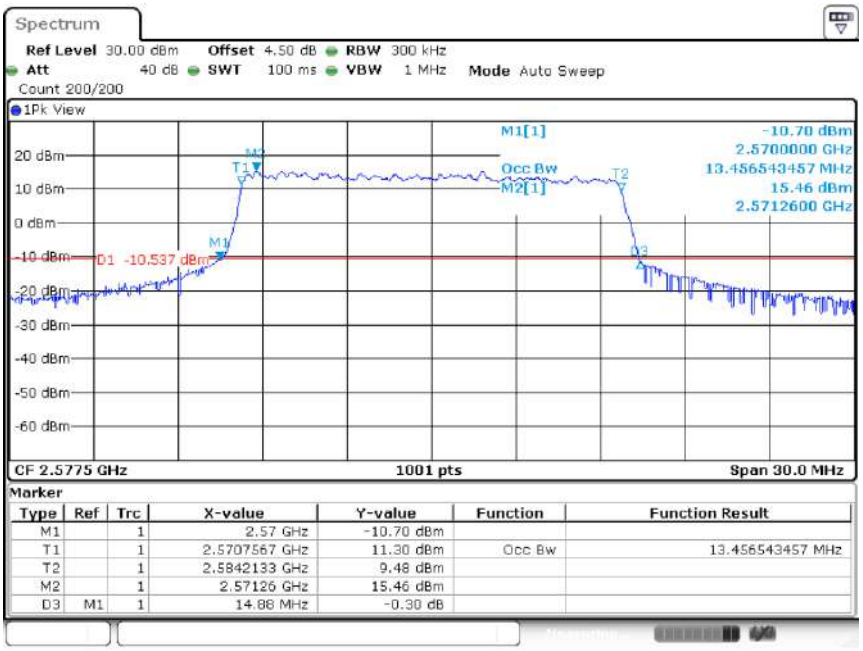

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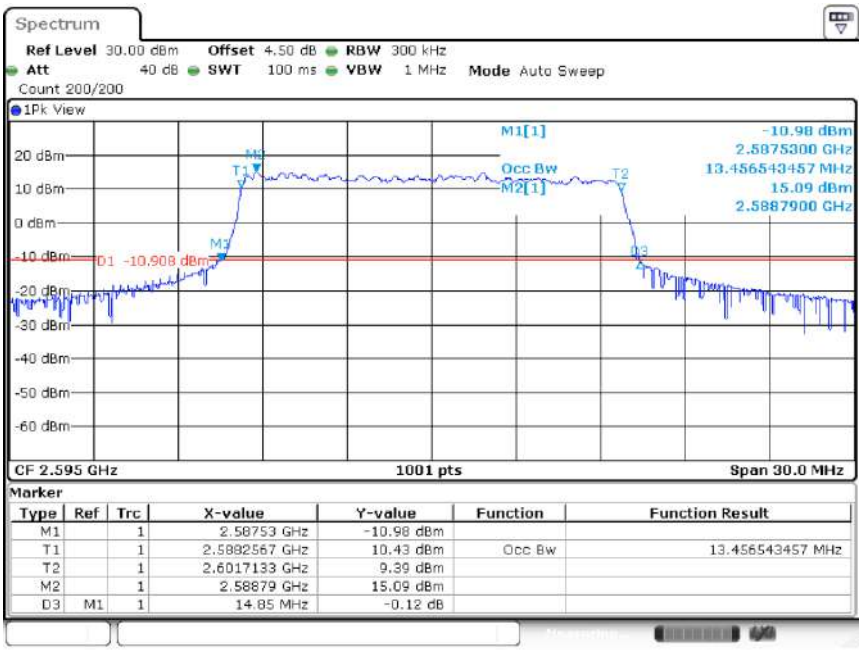
Band38-15MHz-64QAM-38000-75RB#0-13.457



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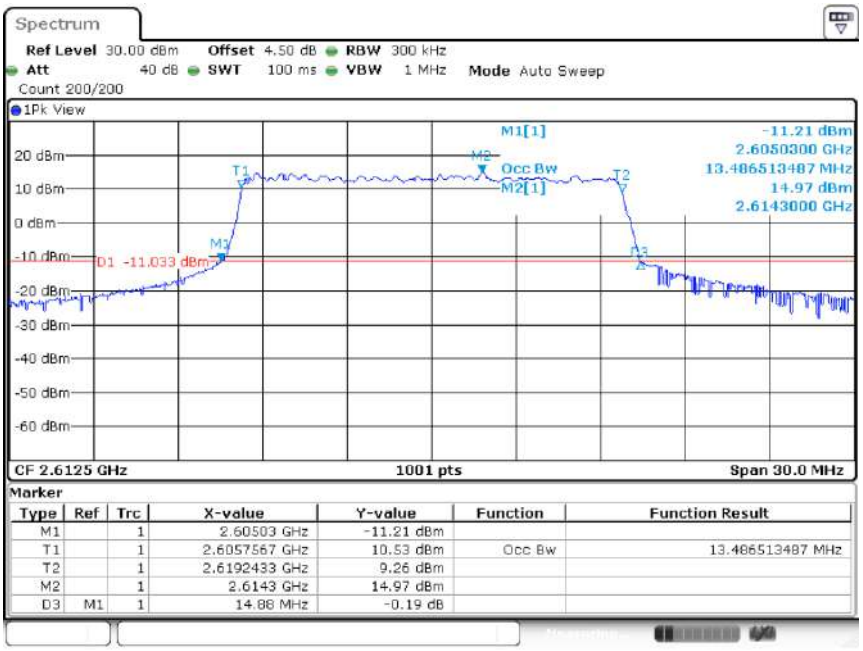
Band38-15MHz-64QAM-38175-75RB#0-13.487



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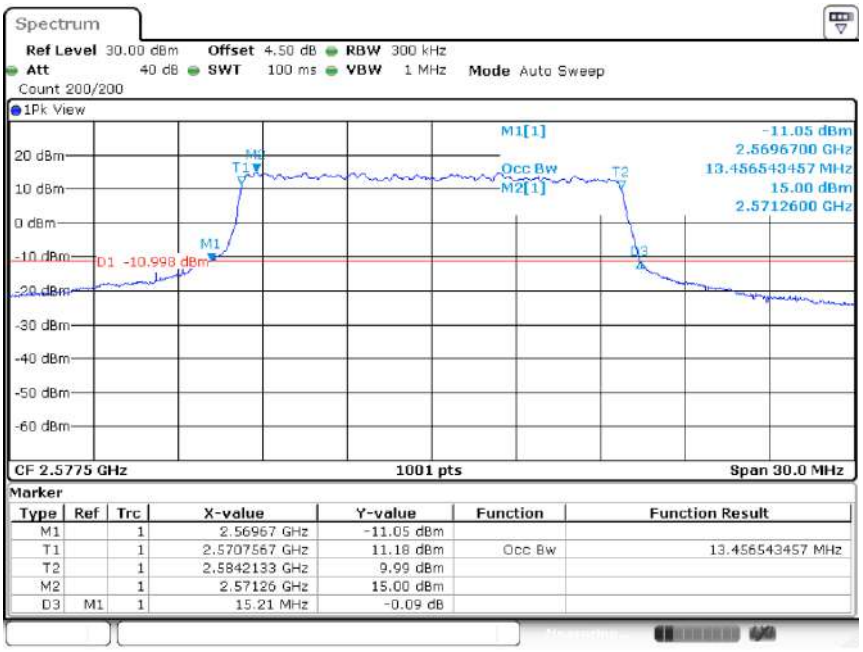
Band38-15MHz-16QAM-37825-75RB#0-13.457



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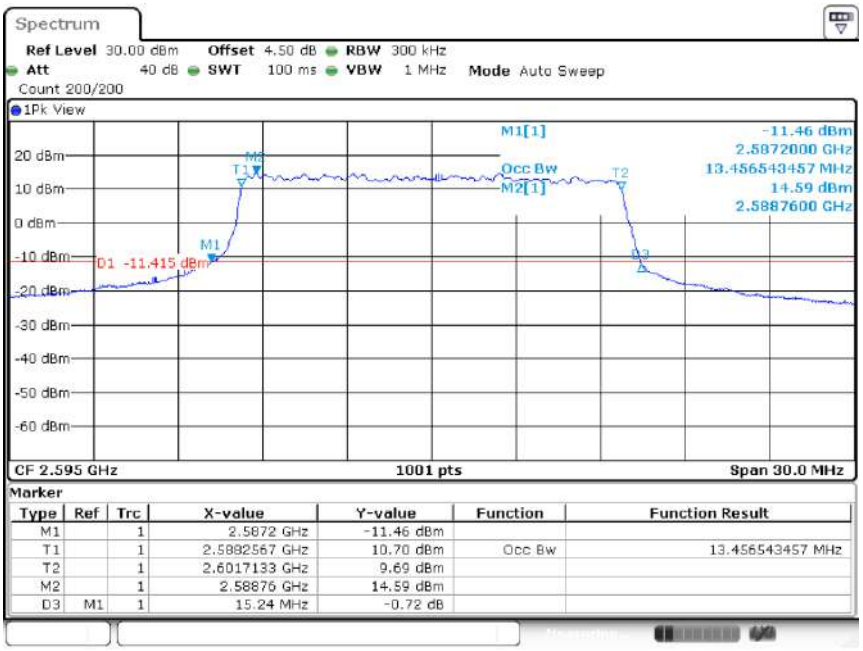
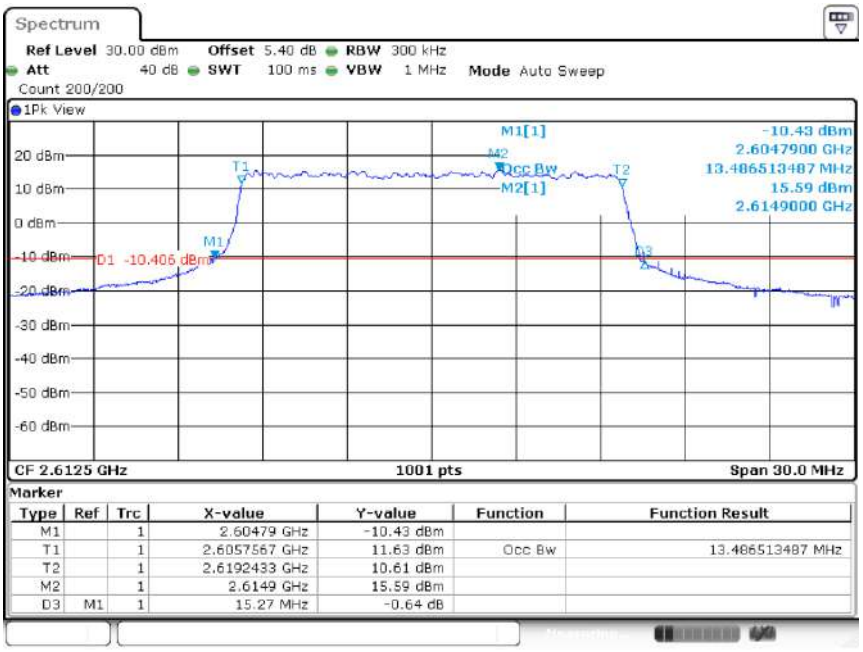


Date: 4.SEP.2020 10:42:38

Band38-15MHz-16QAM-38175-75RB#0-13.487



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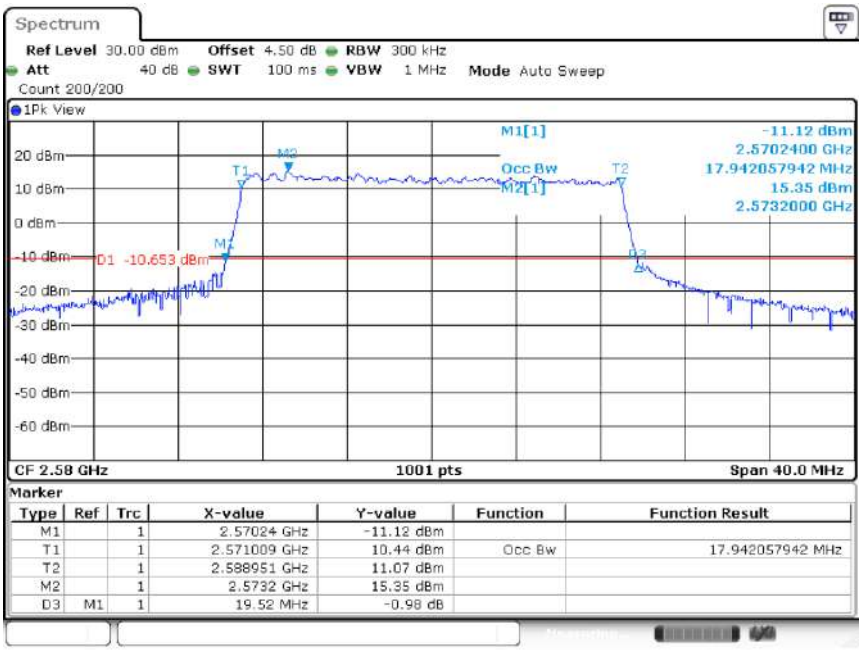
Band38-20MHz-QPSK-37850-100RB#0-17.942



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Type	Ref	Trc	X-value	Y-value	Function	Function Result
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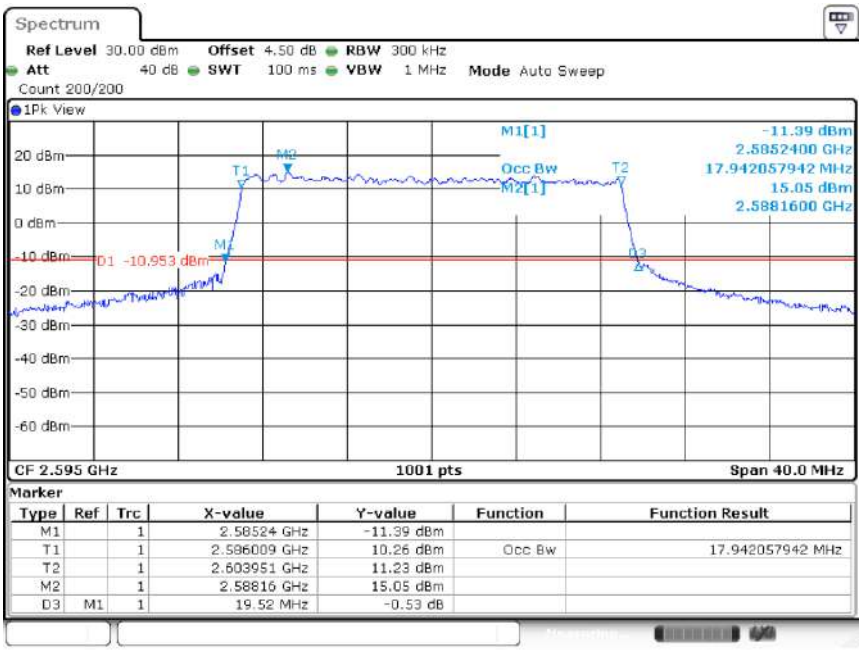
T1		1	2.571009 GHz	10.44 dBm	Occ Bw	17.942057942 MHz
T2		1	2.588951 GHz	11.07 dBm		
M2		1	2.5732 GHz	15.35 dBm		
D3	M1	1	19.52 MHz	-0.98 dB		

Date: 4.SEP.2020 10:44:21

Band38-20MHz-QPSK-38000-100RB#0-17.942



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Type	Ref	Trc	X-value	Y-value	Function	Function Result
M1		1	2.58524 GHz	-11.39 dBm		
T1		1	2.586009 GHz	10.26 dBm	Occ Bw	17.942057942 MHz
T2		1	2.603951 GHz	11.23 dBm		
M2		1	2.58816 GHz	15.05 dBm		
D3	M1	1	19.52 MHz	-0.53 dB		

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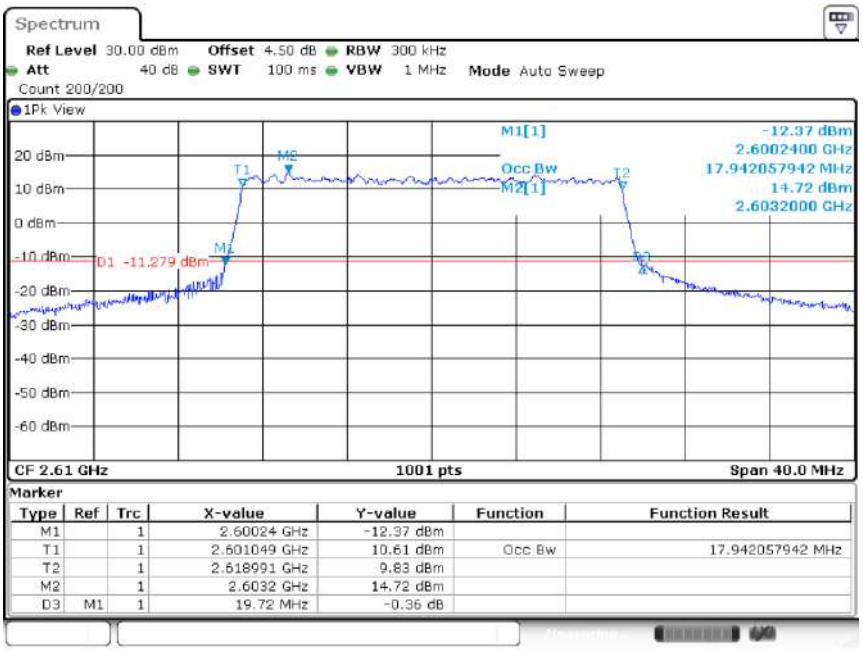
Band38-20MHz-QPSK-38150-100RB#0-17.942



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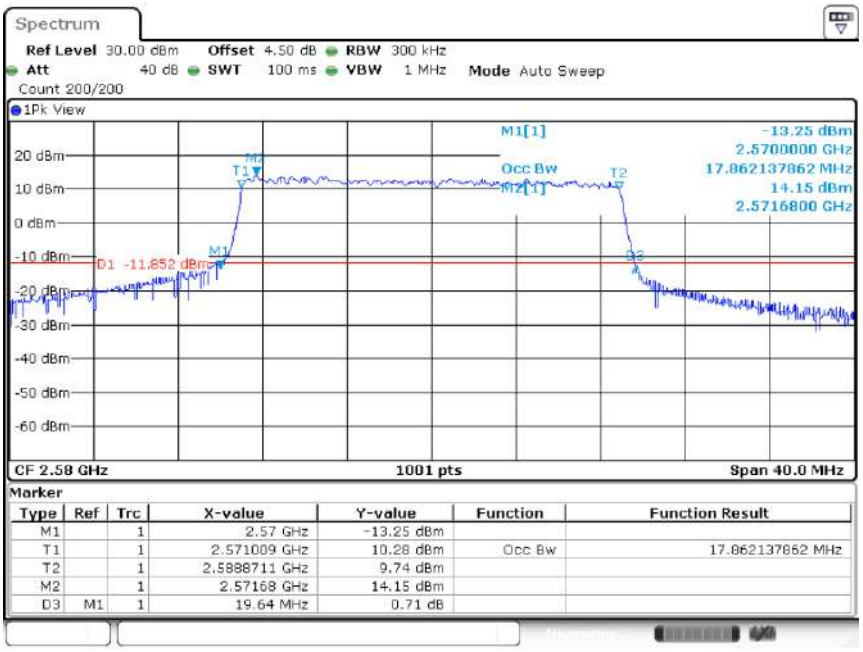
Band38-20MHz-64QAM-37850-100RB#0-17.862



Date: 4.SEP.2020 09:58:01

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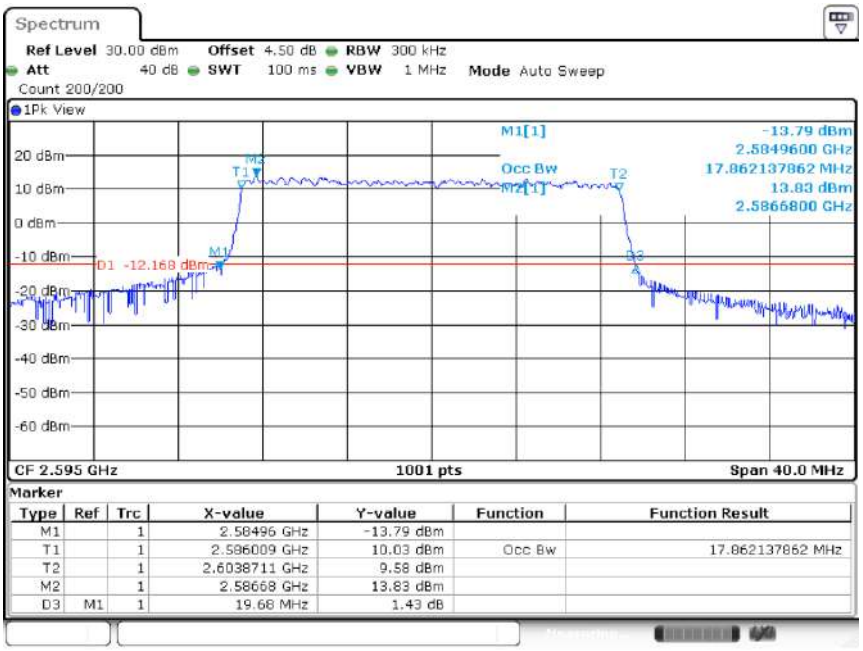
Band38-20MHz-64QAM-38000-100RB#0-17.862



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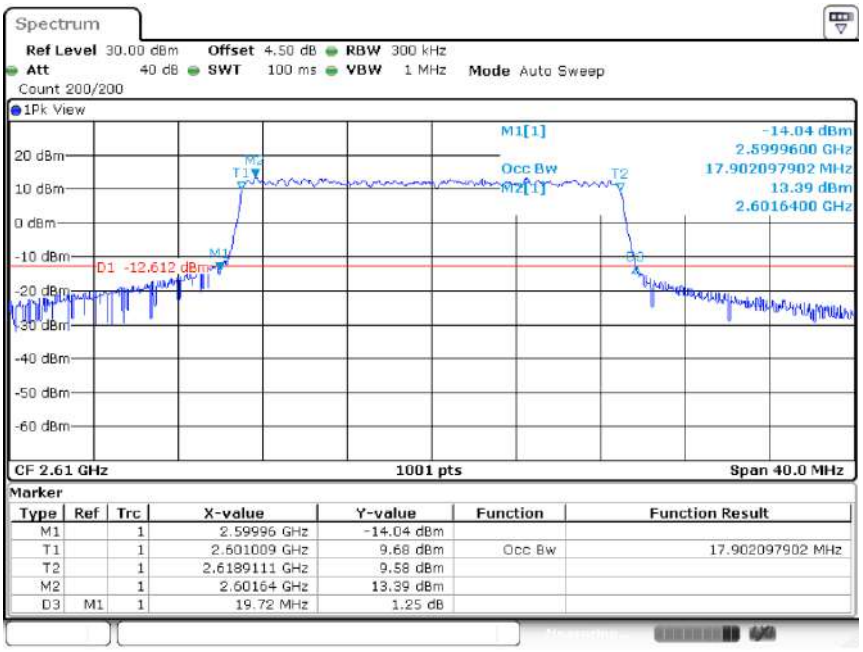
Band38-20MHz-64QAM-38150-100RB#0-17.902



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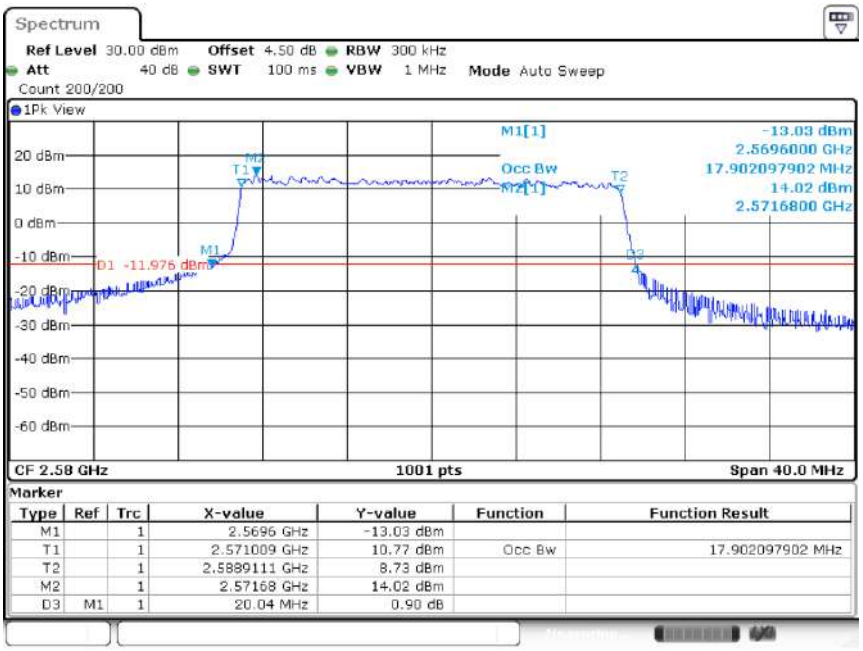
Band38-20MHz-16QAM-37850-100RB#0-17.902



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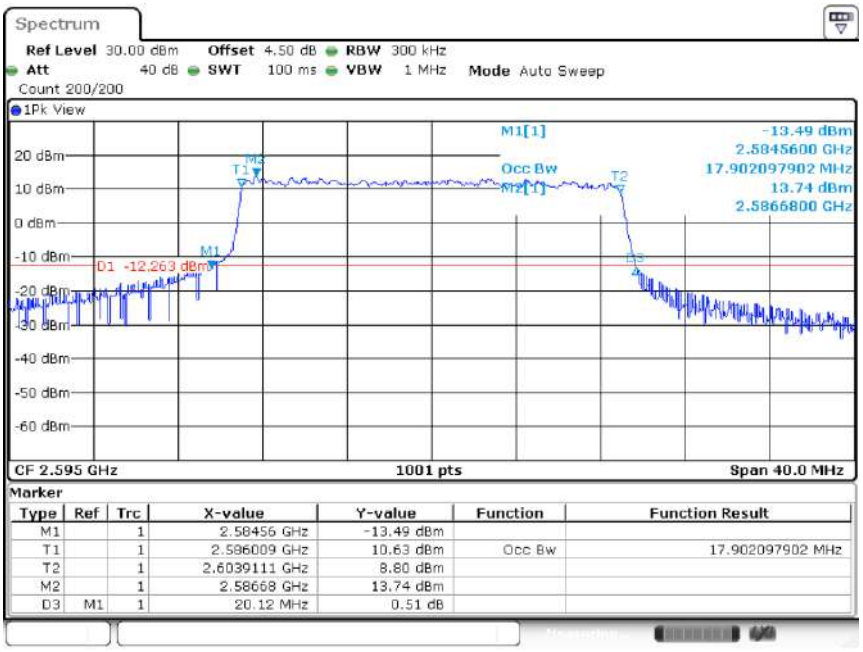
Band38-20MHz-16QAM-38000-100RB#0-17.902



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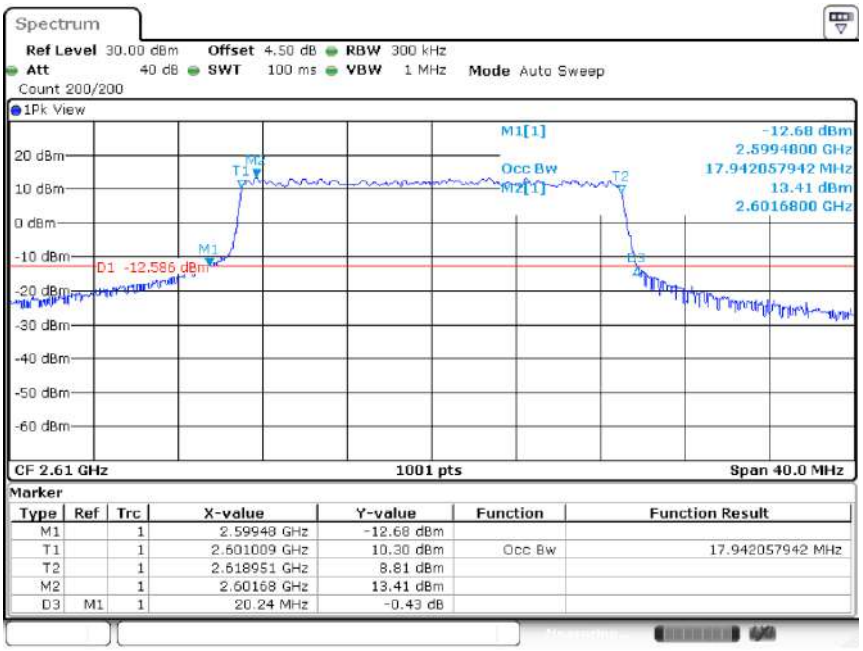
Band38-20MHz-16QAM-38150-100RB#0-17.942



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5. Band Edge Compliance

5.1. Test Result

Band	Bandwidth	Modulation	Channel	RB Configuration	Result(dBm)	Verdict
Band38	5MHz	QPSK	37775	1RB#0	-50.49,-50.68,-18.04	PASS
Band38	5MHz	QPSK	37775	25RB#0	-49.61,-47.83,-26.19	PASS
Band38	5MHz	QPSK	38225	1RB#24	-49.75,-49.86,-17.99	PASS
Band38	5MHz	QPSK	38225	25RB#0	-49.42,-48.27,-26.49	PASS
Band38	5MHz	64QAM	37775	1RB#0	-51.75,-51.82,-16.83	PASS
Band38	5MHz	64QAM	37775	25RB#0	-51.06,-49.08,-28.64	PASS
Band38	5MHz	64QAM	38225	1RB#24	-50.52,-51.77,-18.43	PASS
Band38	5MHz	64QAM	38225	25RB#0	-50.84,-49.68,-28.00	PASS
Band38	5MHz	16QAM	37775	1RB#0	-51.22,-51.03,-16.76	PASS
Band38	5MHz	16QAM	37775	25RB#0	-50.50,-48.84,-25.91	PASS
Band38	5MHz	16QAM	38225	1RB#24	-50.10,-50.36,-19.05	PASS
Band38	5MHz	16QAM	38225	25RB#0	-50.95,-49.38,-26.98	PASS
Band38	10MHz	QPSK	37800	1RB#0	-50.37,-47.54,-21.91	PASS
Band38	10MHz	QPSK	37800	50RB#0	-46.16,-38.16,-29.42	PASS
Band38	10MHz	QPSK	38200	1RB#49	-50.39,-46.94,-21.84	PASS
Band38	10MHz	QPSK	38200	50RB#0	-47.44,-39.78,-30.98	PASS
Band38	10MHz	64QAM	37800	1RB#0	-50.56,-48.04,-24.20	PASS
Band38	10MHz	64QAM	37800	50RB#0	-47.98,-39.55,-30.38	PASS
Band38	10MHz	64QAM	38200	1RB#49	-50.51,-47.35,-26.01	PASS
Band38	10MHz	64QAM	38200	50RB#0	-48.07,-42.87,-33.24	PASS
Band38	10MHz	16QAM	37800	1RB#0	-50.68,-47.85,-22.55	PASS
Band38	10MHz	16QAM	37800	50RB#0	-47.63,-39.58,-30.82	PASS
Band38	10MHz	16QAM	38200	1RB#49	-50.67,-47.31,-25.02	PASS
Band38	10MHz	16QAM	38200	50RB#0	-48.20,-42.92,-32.56	PASS
Band38	15MHz	QPSK	37825	1RB#0	-45.87,-39.90,-23.14	PASS
Band38	15MHz	QPSK	37825	75RB#0	-46.54,-36.77,-32.47	PASS
Band38	15MHz	QPSK	38175	1RB#74	-48.02,-43.45,-23.37	PASS
Band38	15MHz	QPSK	38175	75RB#0	-46.60,-37.69,-32.37	PASS
Band38	15MHz	64QAM	37825	1RB#0	-46.21,-41.10,-23.00	PASS
Band38	15MHz	64QAM	37825	75RB#0	-46.64,-38.21,-32.61	PASS
Band38	15MHz	64QAM	38175	1RB#74	-48.25,-44.62,-22.98	PASS
Band38	15MHz	64QAM	38175	75RB#0	-46.91,-40.97,-34.64	PASS

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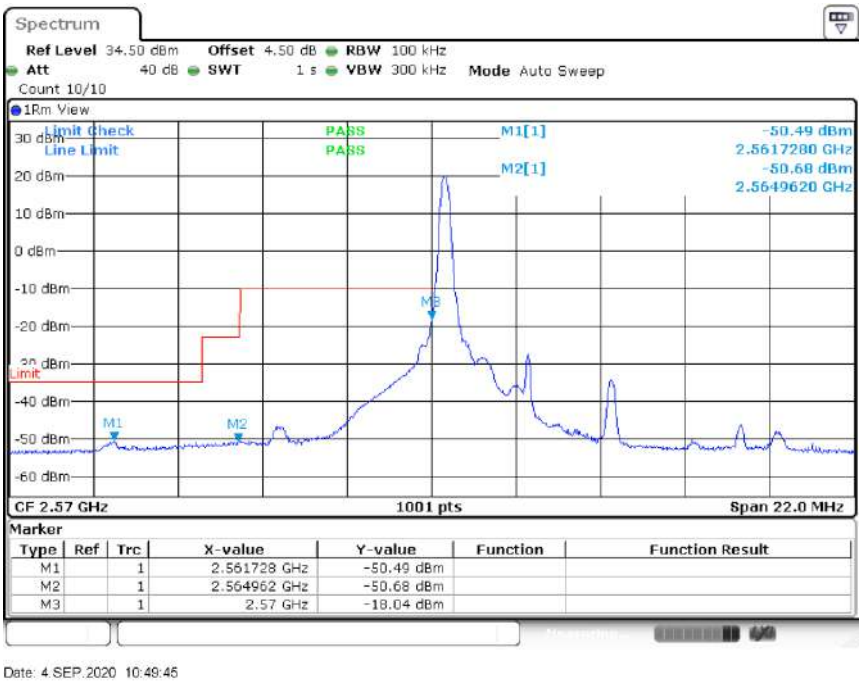
Band38	15MHz	16QAM	37825	1RB#0	-46.10,-40.03,-25.10	PASS
Band38	15MHz	16QAM	37825	75RB#0	-46.94,-37.92,-32.52	PASS
Band38	15MHz	16QAM	38175	1RB#74	-47.91,-43.08,-22.84	PASS
Band38	15MHz	16QAM	38175	75RB#0	-46.76,-41.19,-34.33	PASS
Band38	20MHz	QPSK	37850	1RB#0	-46.45,-40.66,-21.11	PASS
Band38	20MHz	QPSK	37850	100RB#0	-44.48,-35.48,-32.82	PASS
Band38	20MHz	QPSK	38150	1RB#99	-46.50,-41.80,-20.86	PASS
Band38	20MHz	QPSK	38150	100RB#0	-44.96,-36.55,-32.40	PASS
Band38	20MHz	64QAM	37850	1RB#0	-46.62,-41.85,-21.44	PASS
Band38	20MHz	64QAM	37850	100RB#0	-45.12,-37.89,-32.89	PASS
Band38	20MHz	64QAM	38150	1RB#99	-46.75,-42.48,-22.39	PASS
Band38	20MHz	64QAM	38150	100RB#0	-45.26,-39.40,-34.92	PASS
Band38	20MHz	16QAM	37850	1RB#0	-46.28,-40.82,-20.78	PASS
Band38	20MHz	16QAM	37850	100RB#0	-45.34,-36.61,-32.26	PASS
Band38	20MHz	16QAM	38150	1RB#99	-46.46,-40.94,-23.31	PASS
Band38	20MHz	16QAM	38150	100RB#0	-45.34,-39.49,-35.31	PASS

5.2. Test Plots

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



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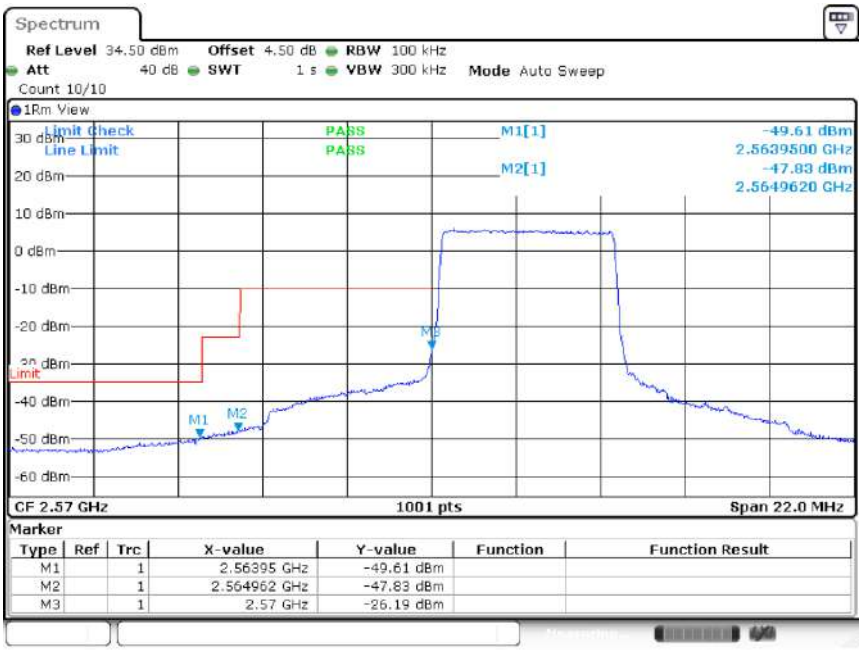

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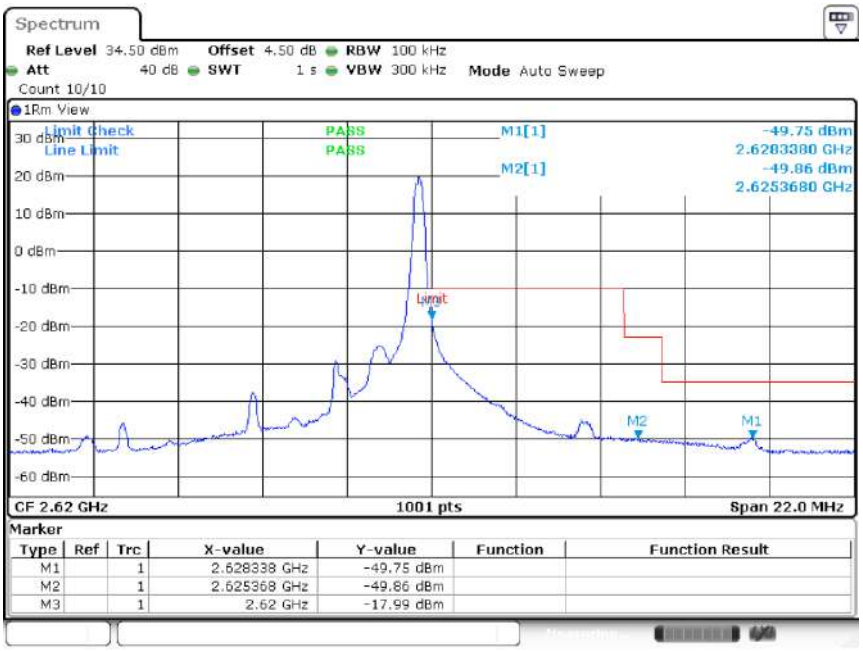
Band38-5MHz-QPSK-38225-1RB#24



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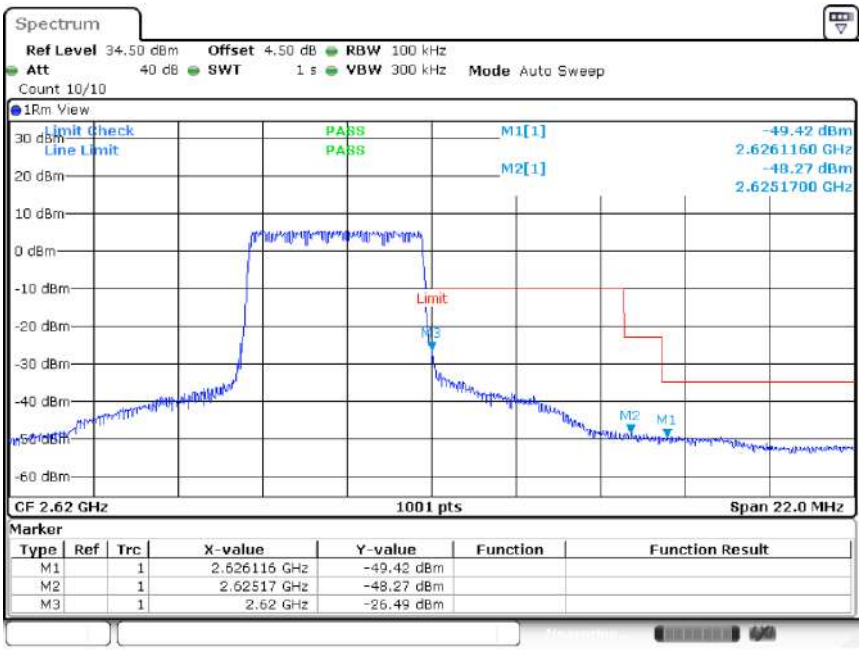

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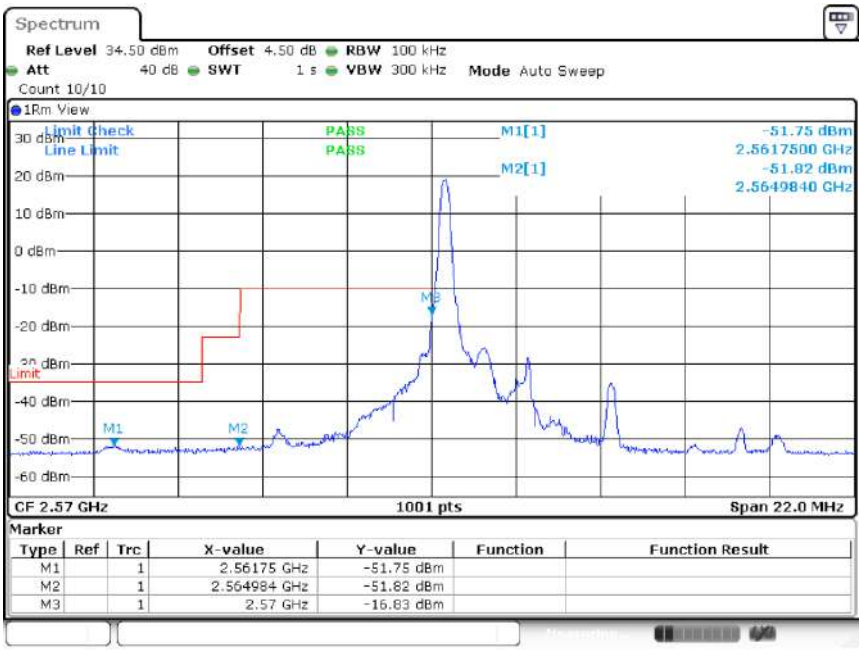

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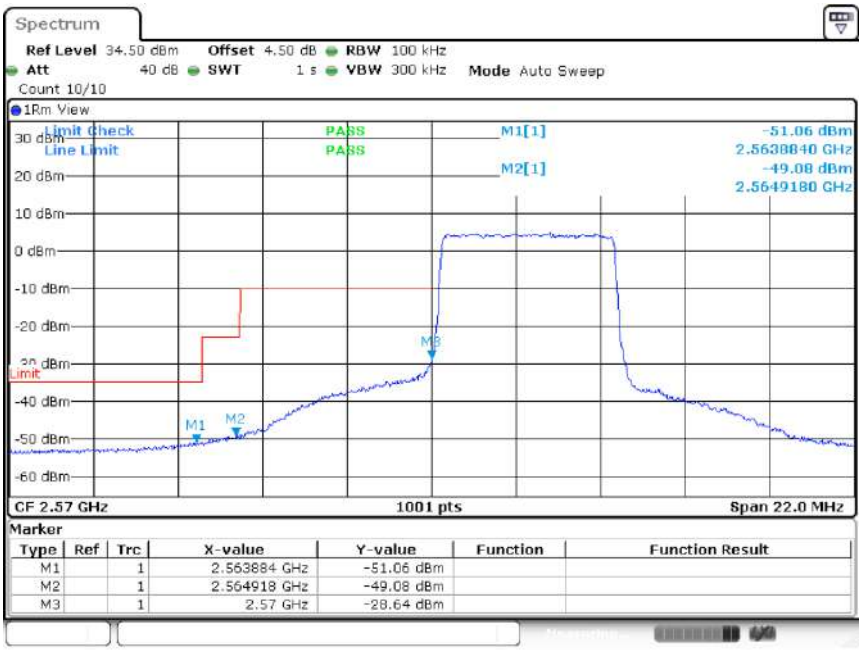
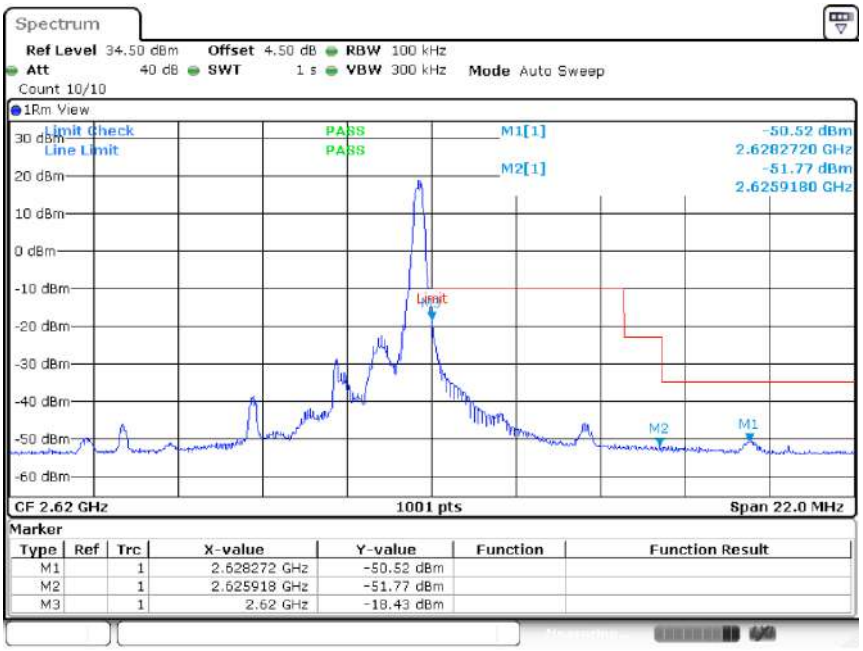


Date: 4.SEP.2020 11:02:19

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



Date: 4.SEP.2020 11:01:53

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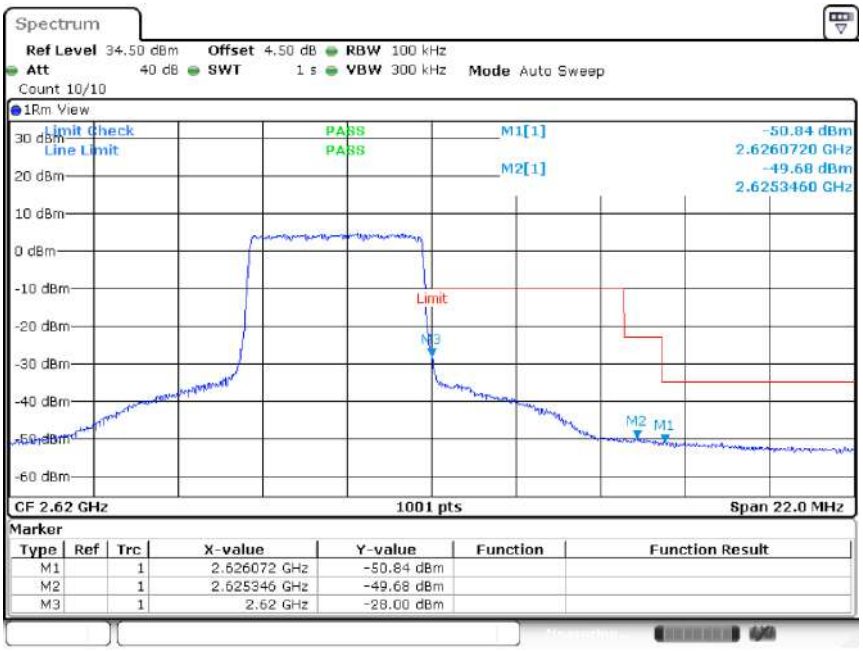
Band38-5MHz-64QAM-38225-25RB#0



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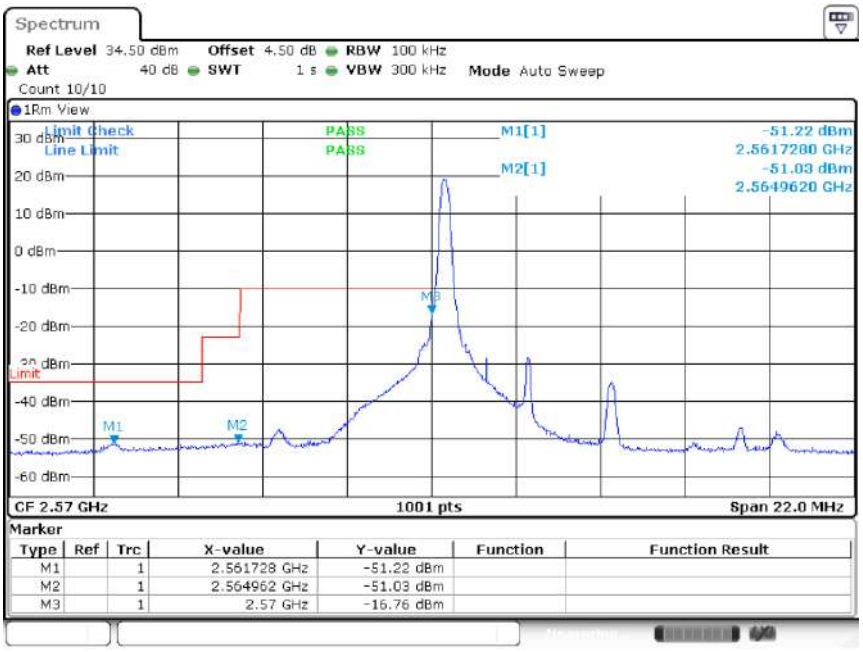
Band38-5MHz-16QAM-37775-1RB#0



Date: 4.SEP.2020 10:50:09

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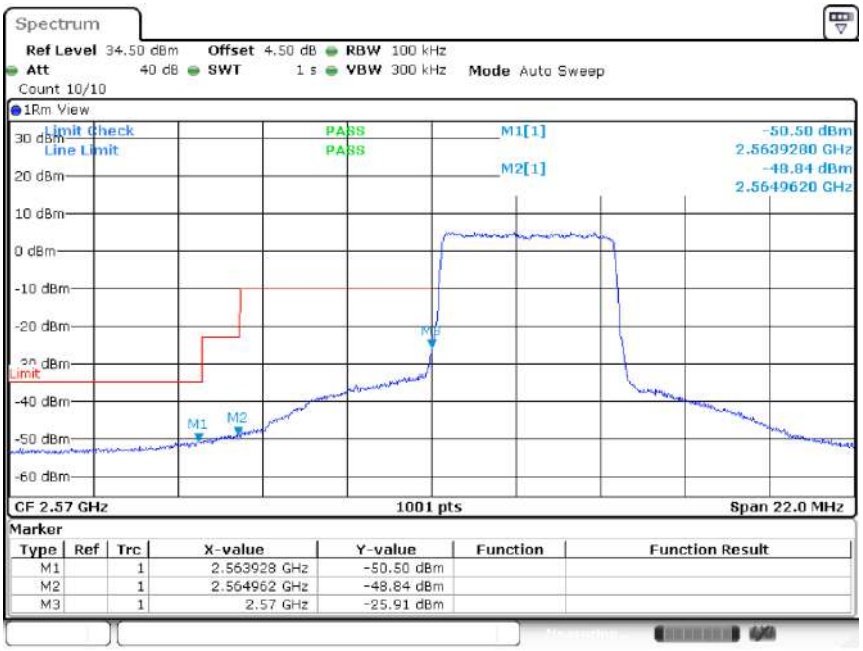
Band38-5MHz-16QAM-37775-25RB#0



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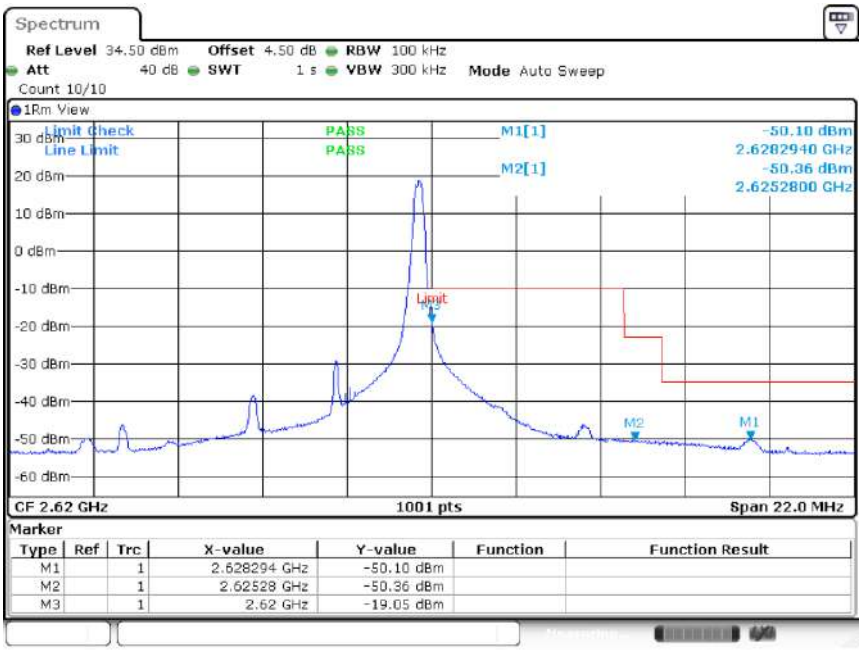
Band38-5MHz-16QAM-38225-1RB#24



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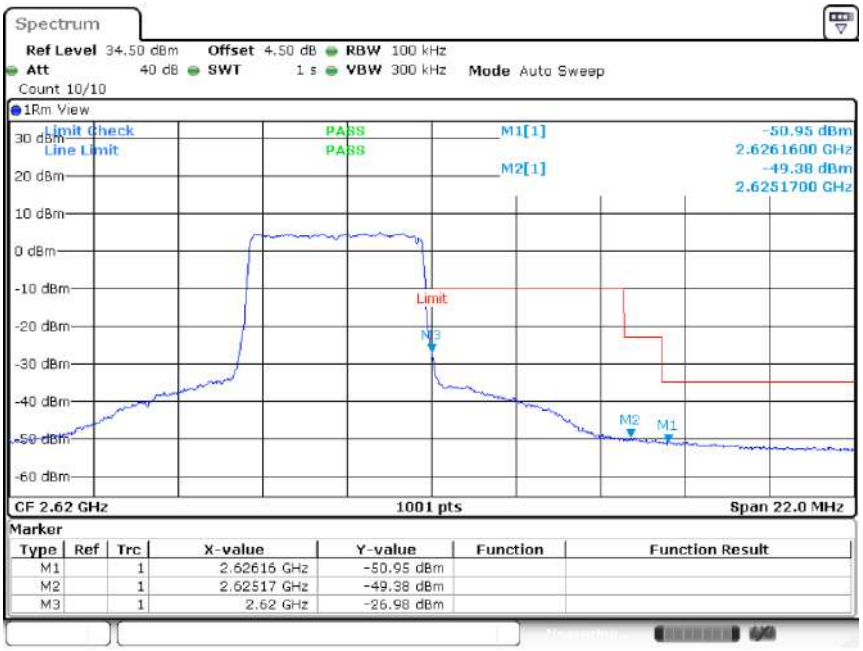
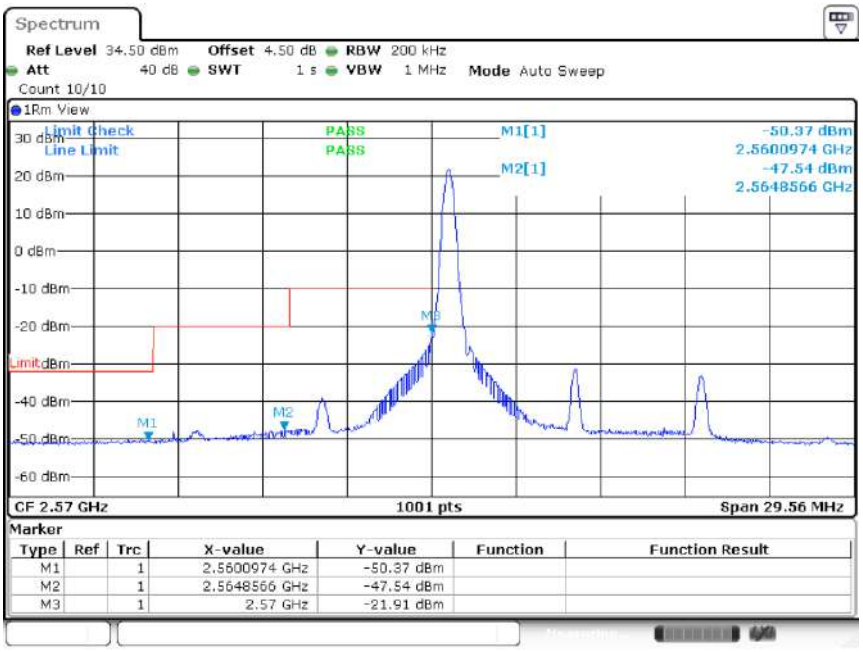
Band38-5MHz-16QAM-38225-25RB#0



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



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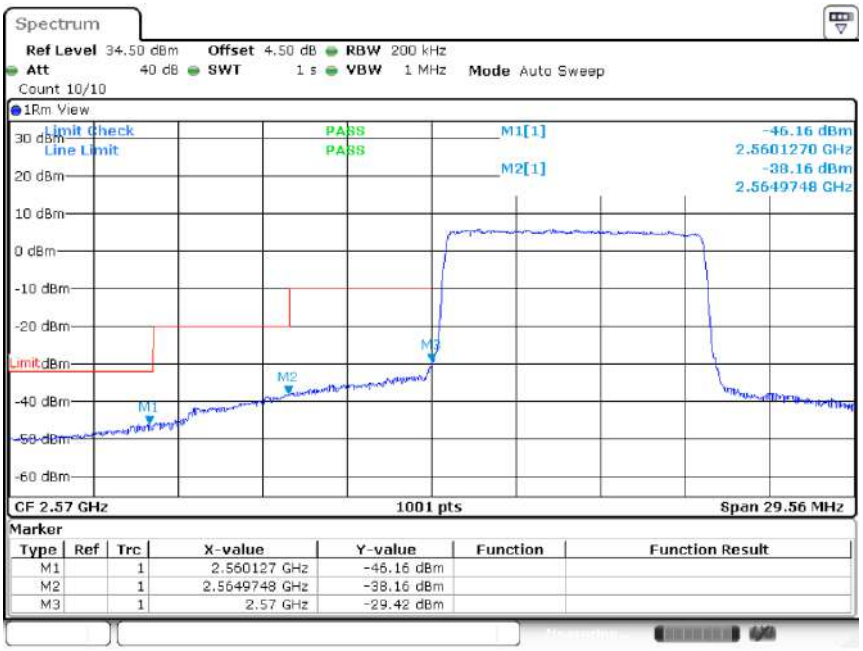
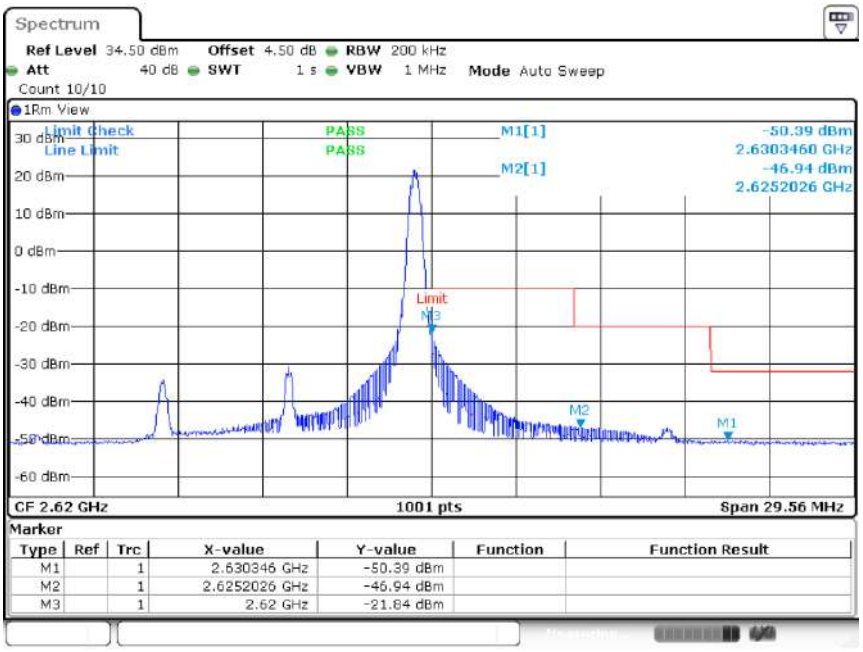
Band38-10MHz-QPSK-37800-50RB#0



Date: 4.SEP.2020 09:07:49

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



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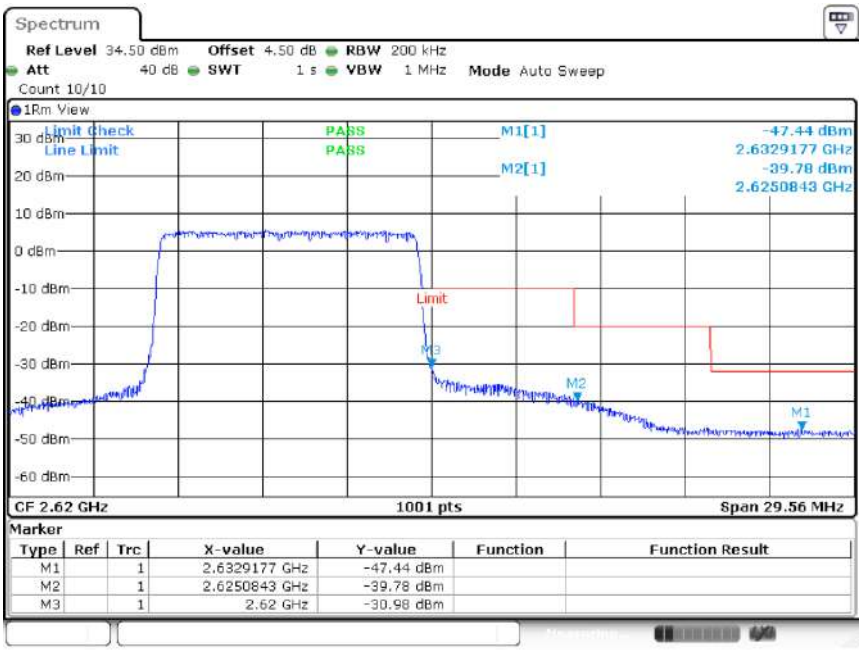

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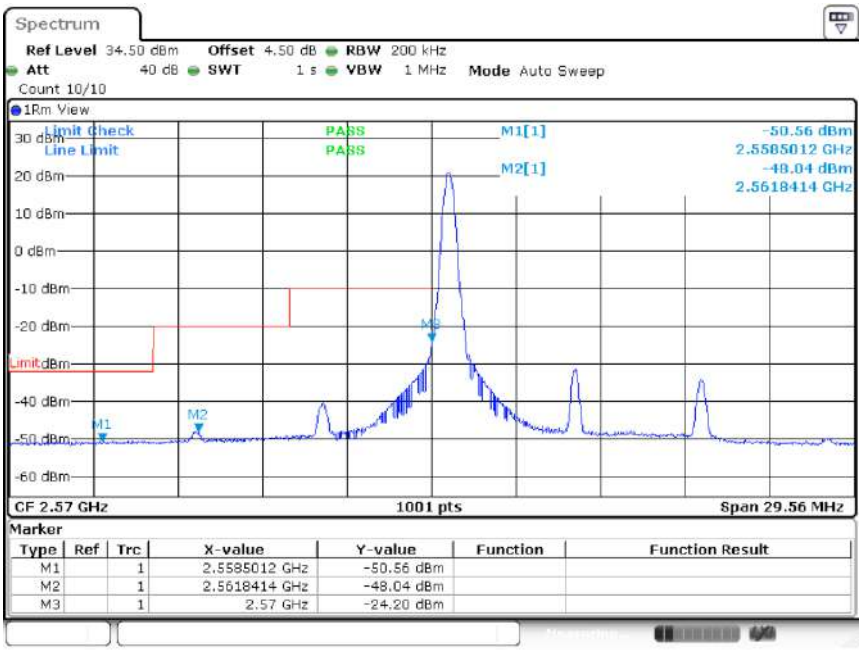
Band38-10MHz-64QAM-37800-1RB#0



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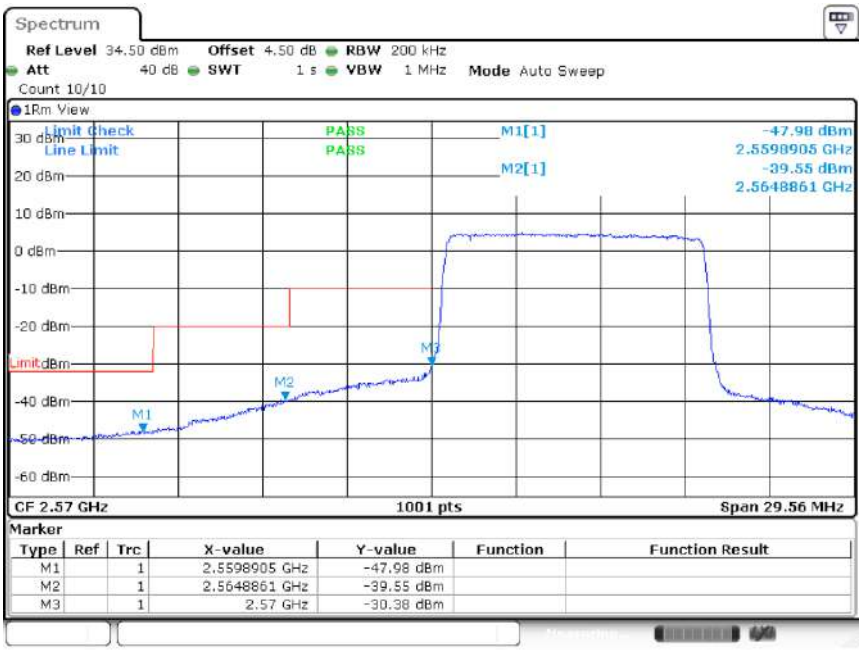

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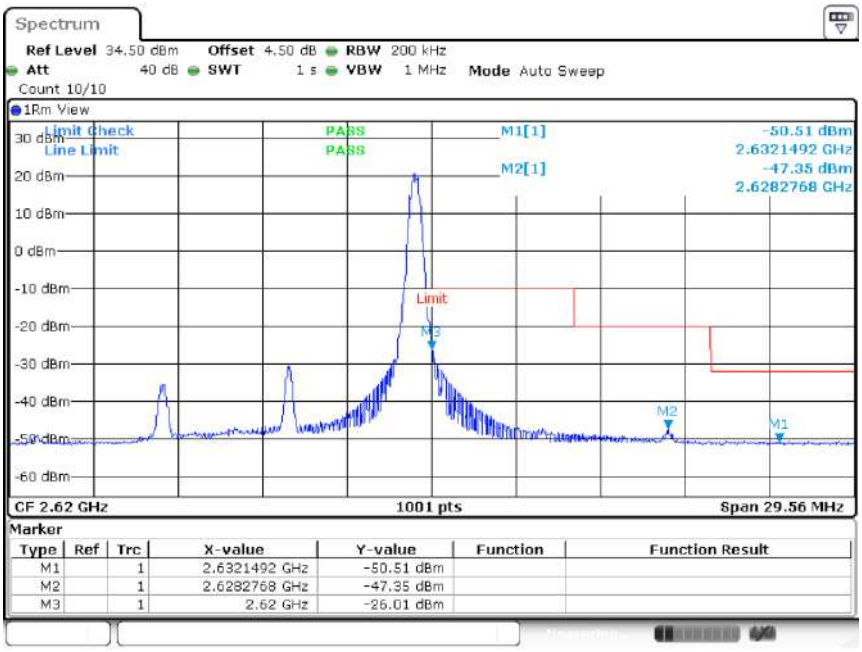
Band38-10MHz-64QAM-38200-1RB#49



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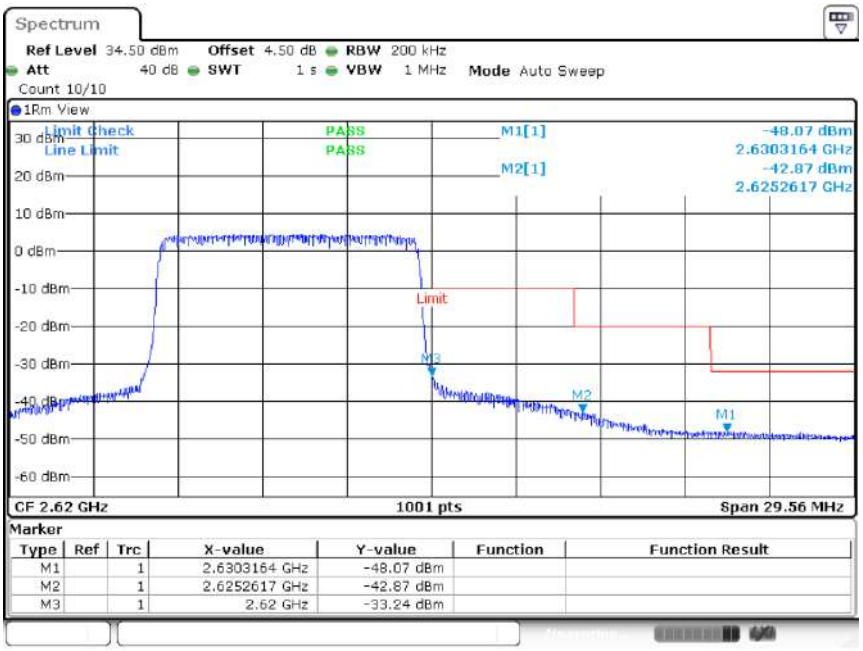

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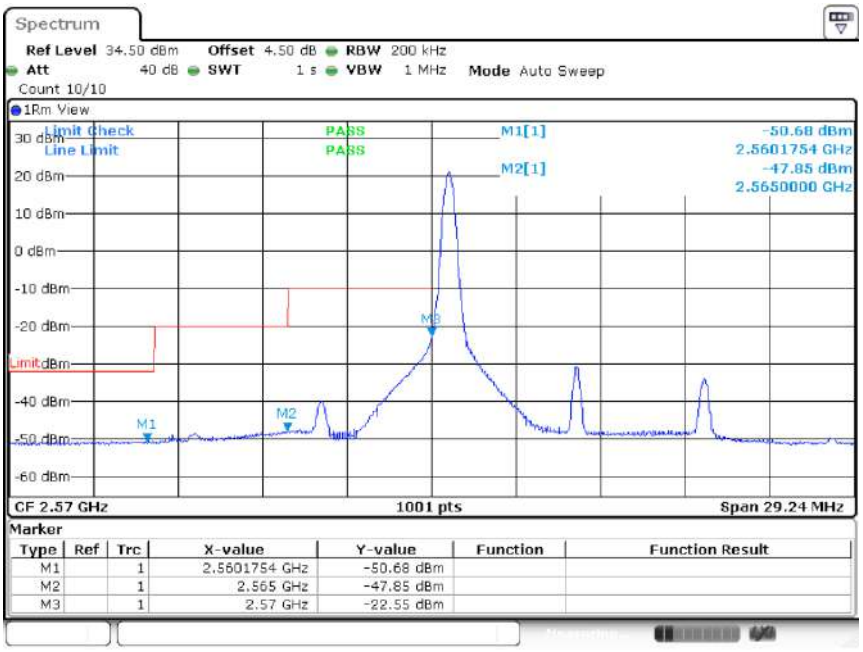

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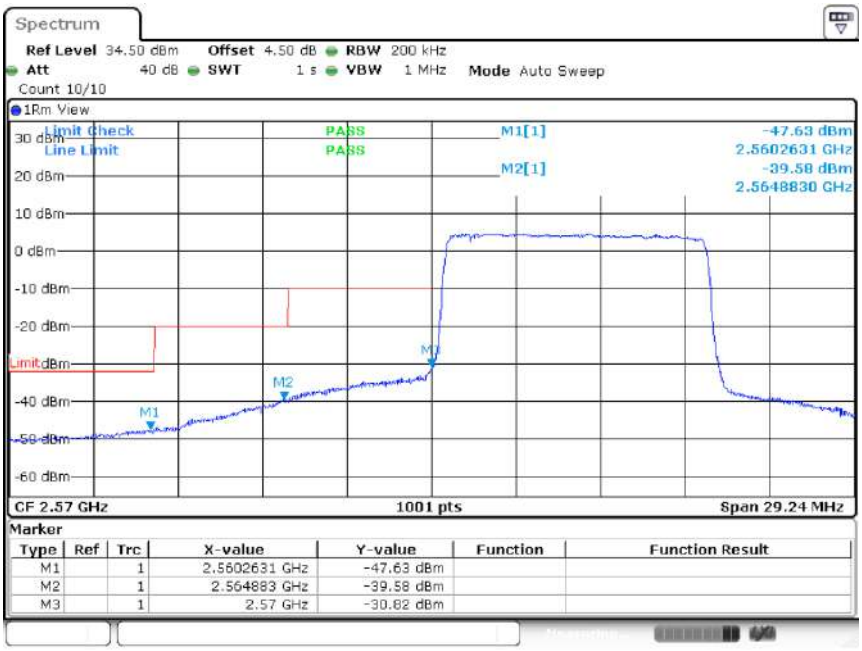
Band38-10MHz-16QAM-37800-50RB#0



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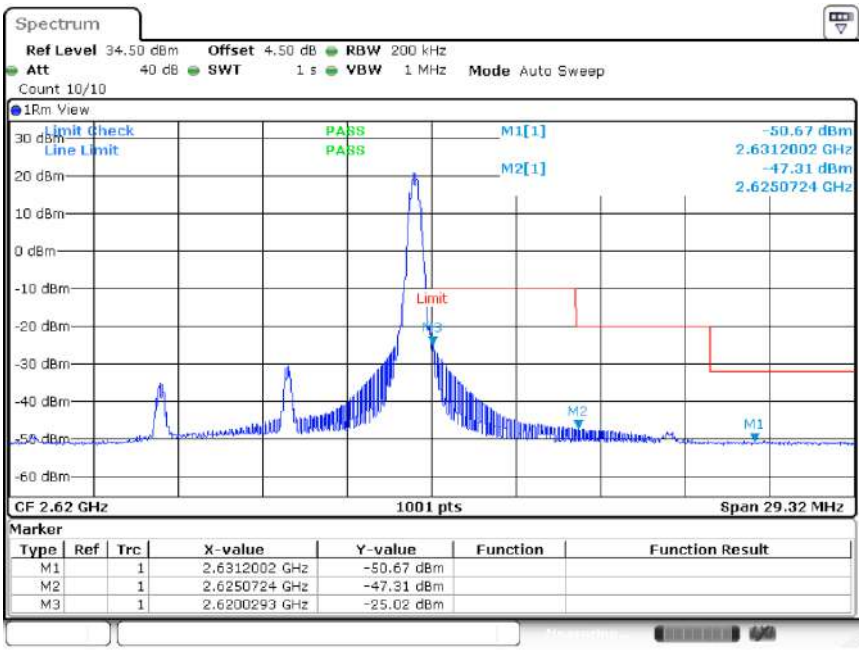
Band38-10MHz-16QAM-38200-1RB#49



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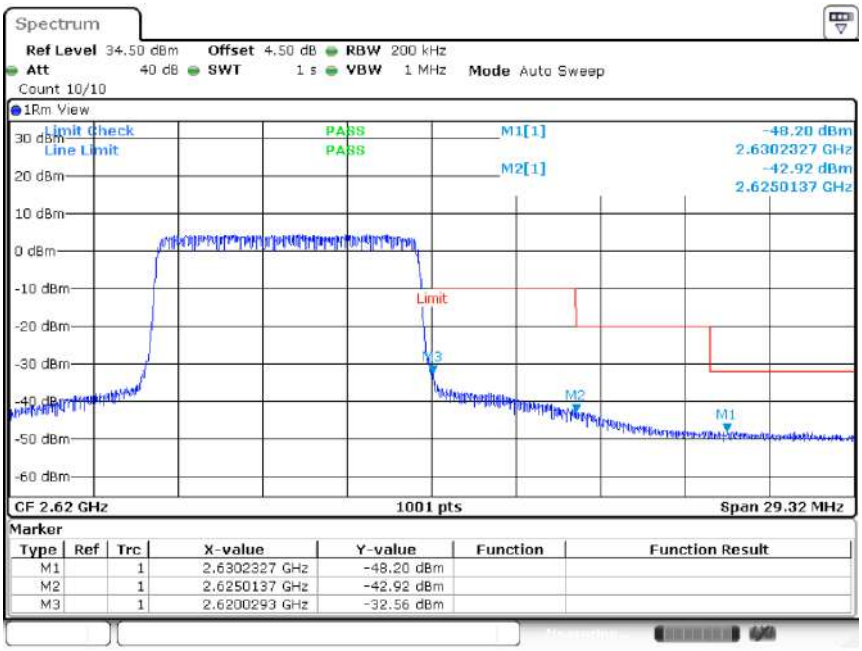

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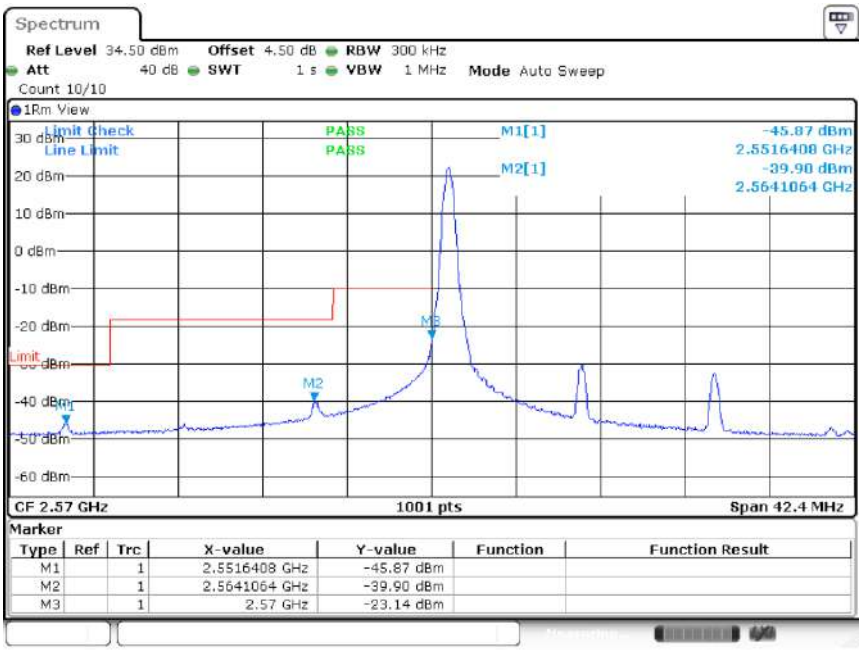
Band38-15MHz-QPSK-37825-1RB#0



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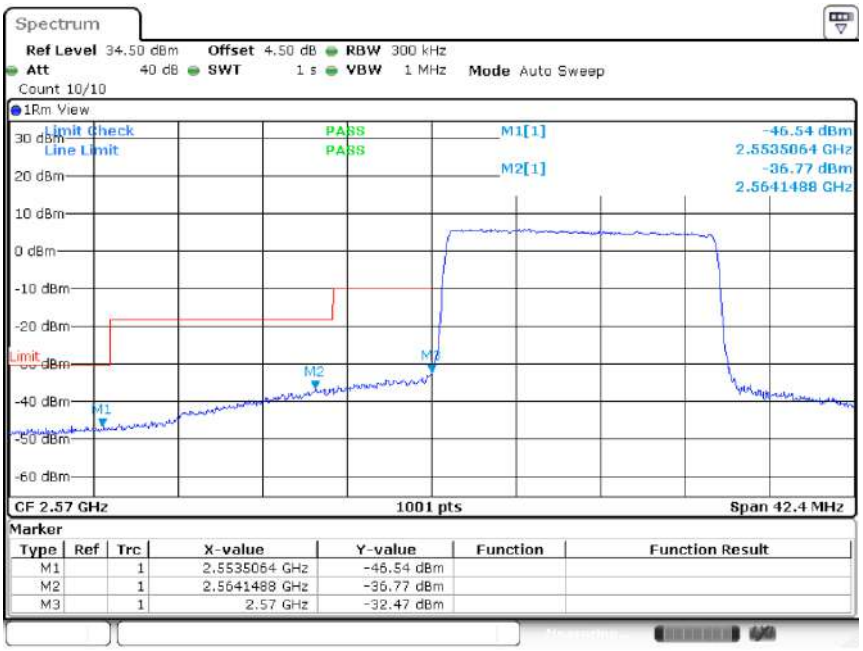
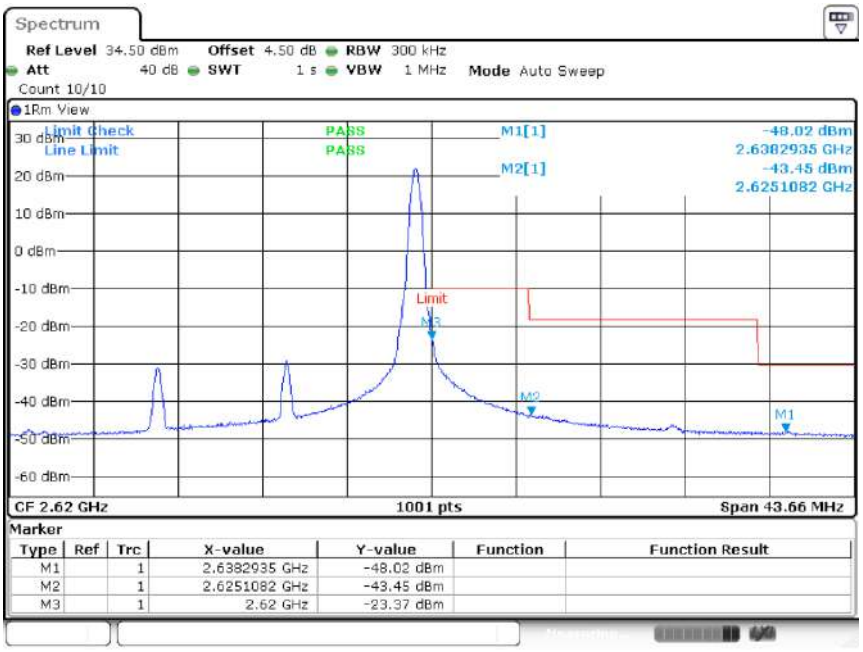
Band38-15MHz-QPSK-37825-75RB#0



Date: 4.SEP.2020 09:10:56

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



Date: 4.SEP.2020 09:10:08

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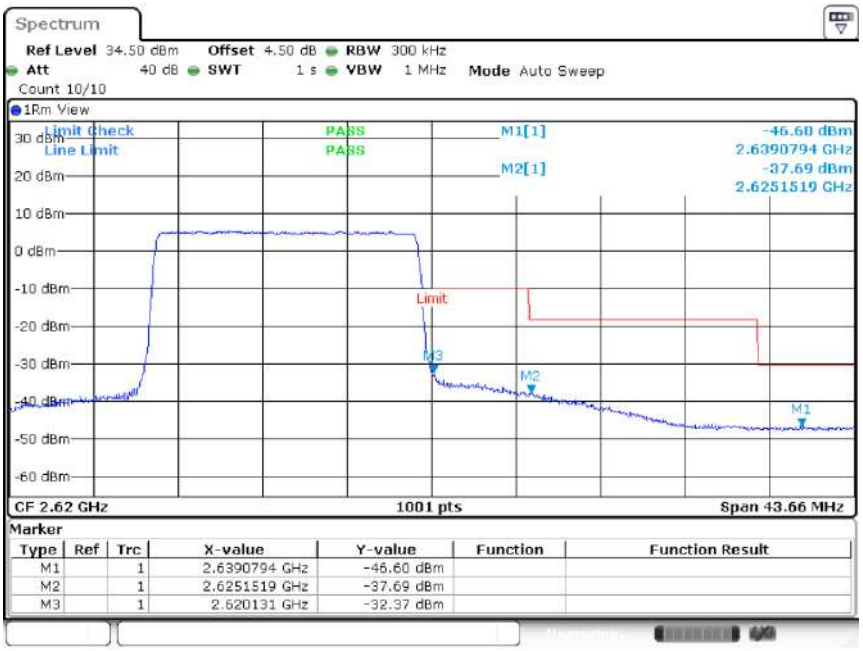
Band38-15MHz-QPSK-38175-75RB#0



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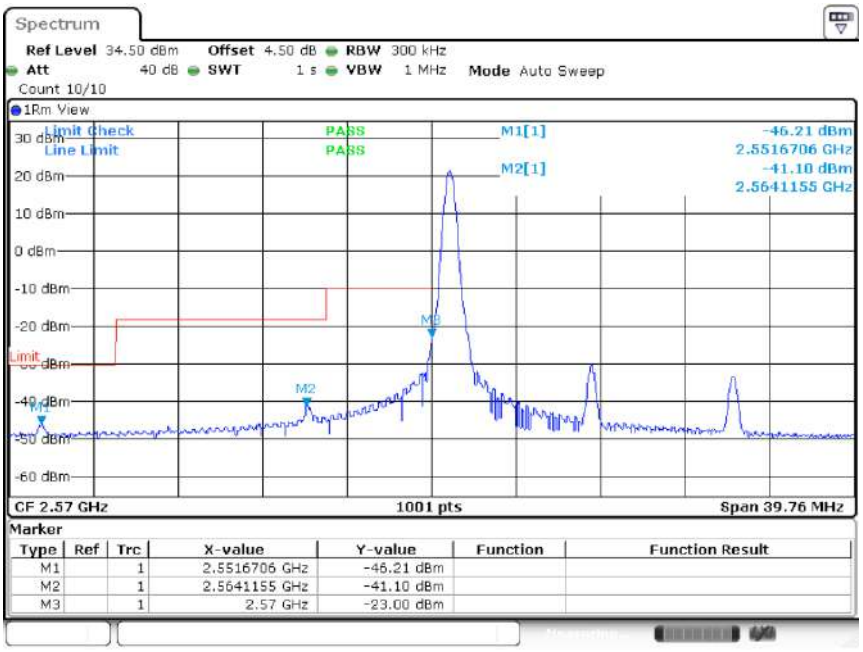
Band38-15MHz-64QAM-37825-1RB#0



Date: 4.SEP.2020 10:02:56

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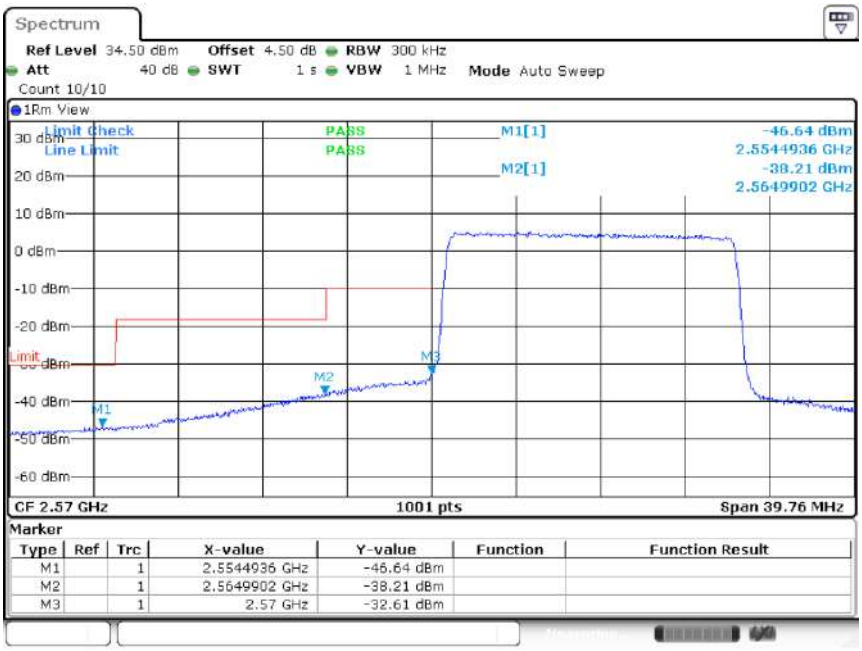
Band38-15MHz-64QAM-37825-75RB#0



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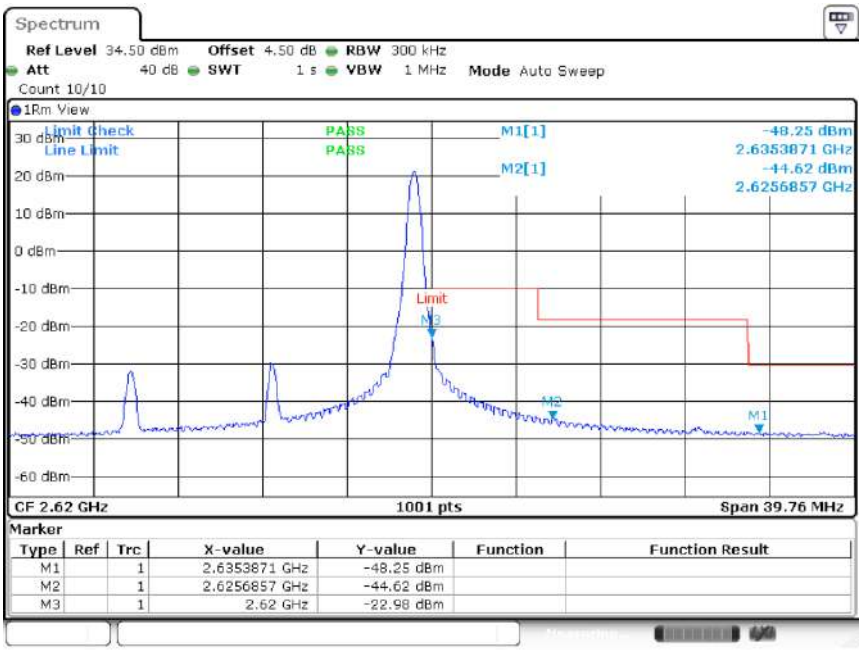
Band38-15MHz-64QAM-38175-1RB#74



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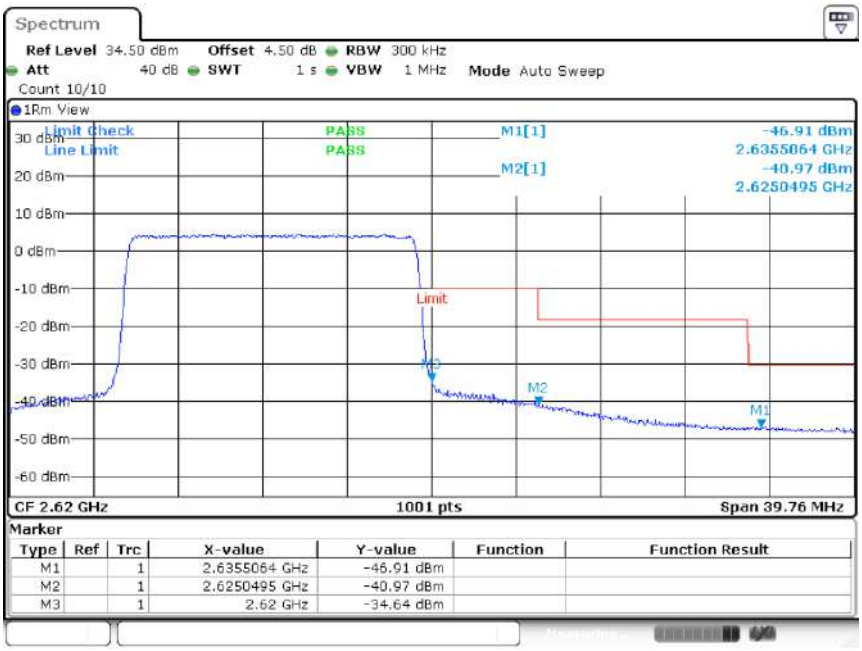

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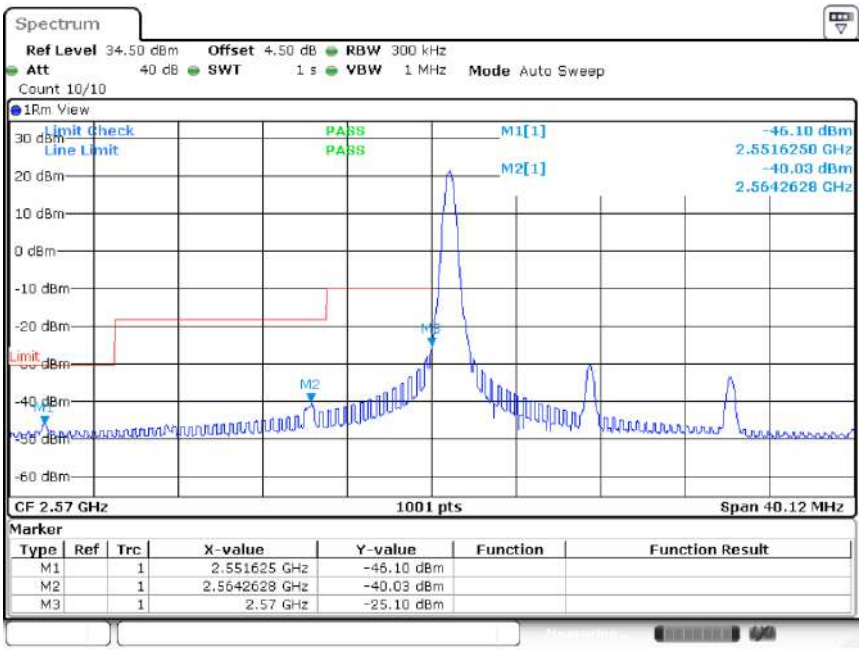
Band38-15MHz-16QAM-37825-1RB#0



Date: 4.SEP.2020 09:09:43

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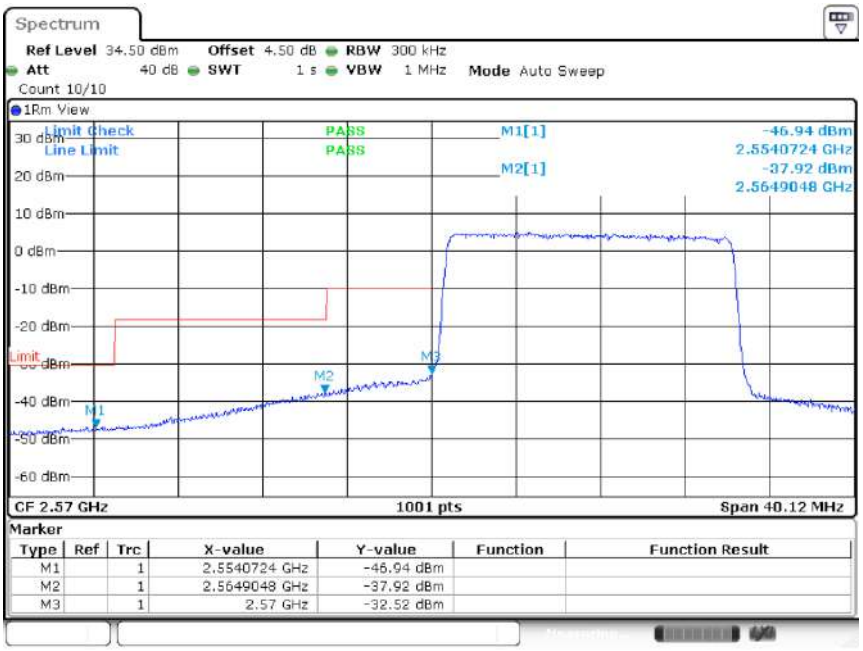

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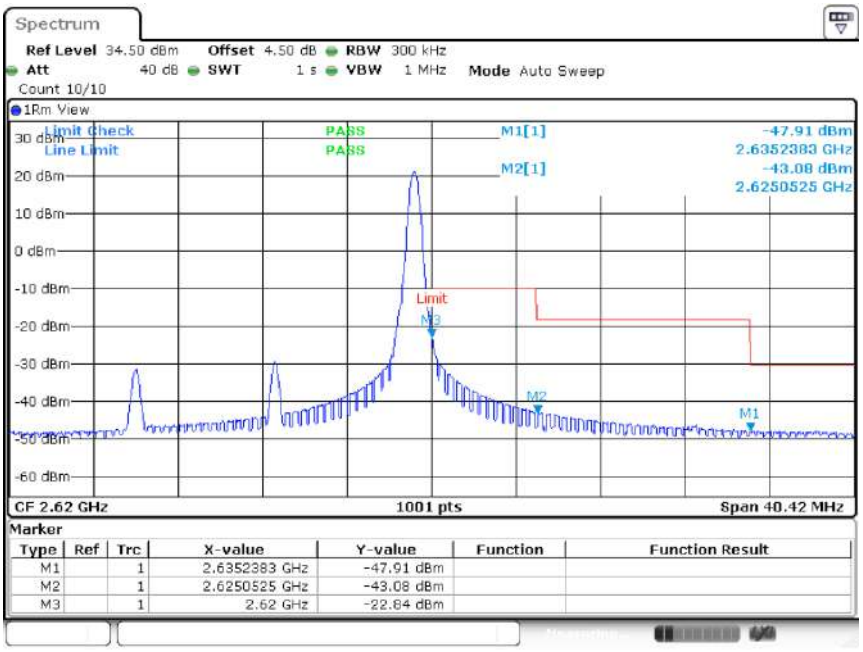
Band38-15MHz-16QAM-38175-1RB#74



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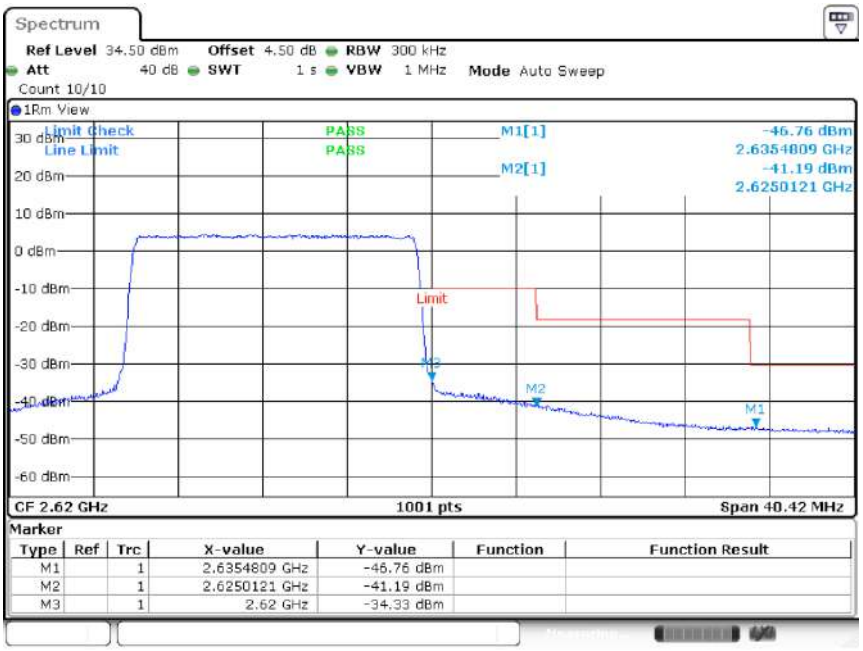

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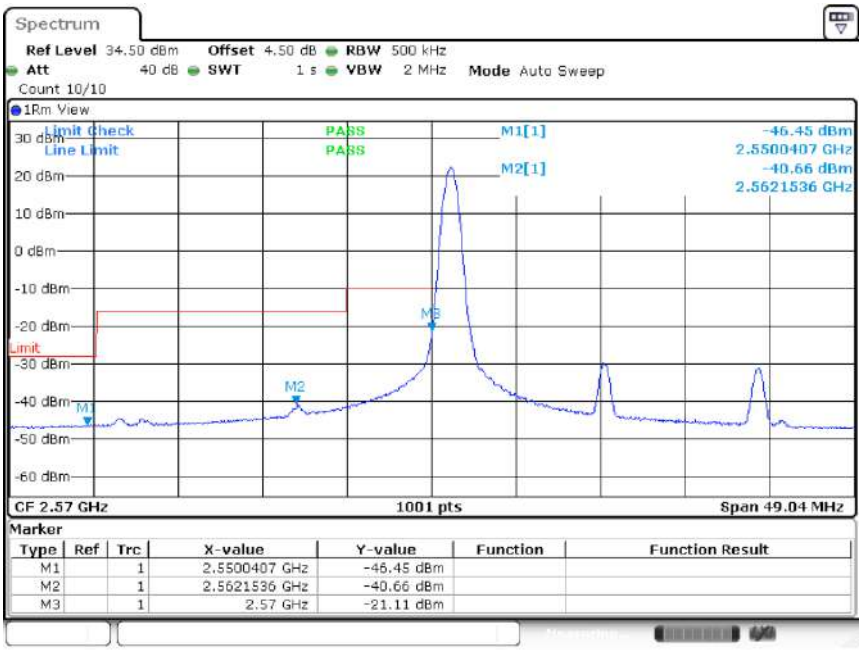
Band38-20MHz-QPSK-37850-1RB#0



Date: 4.SEP.2020 10:59:07

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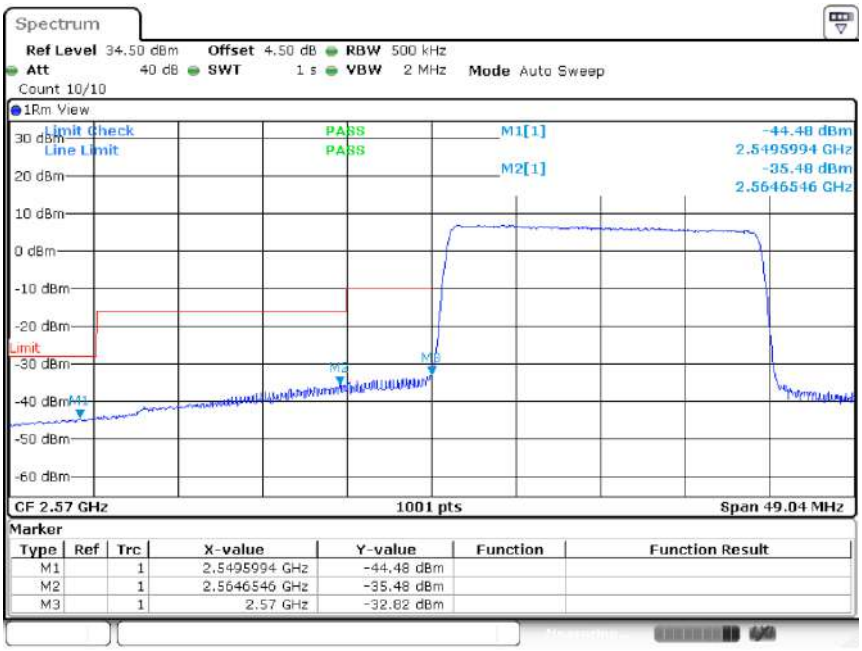
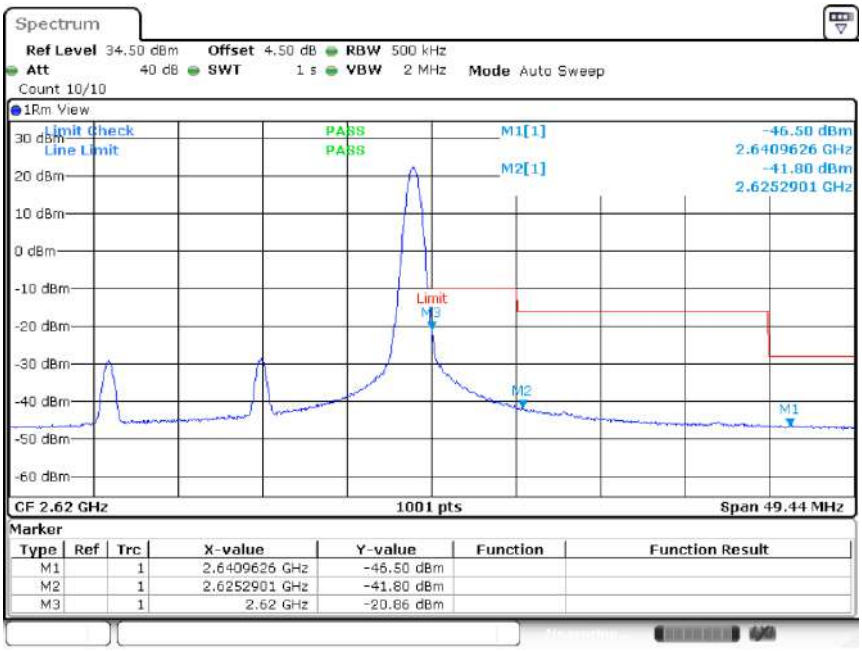


Date: 4.SEP.2020 09:14:05

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



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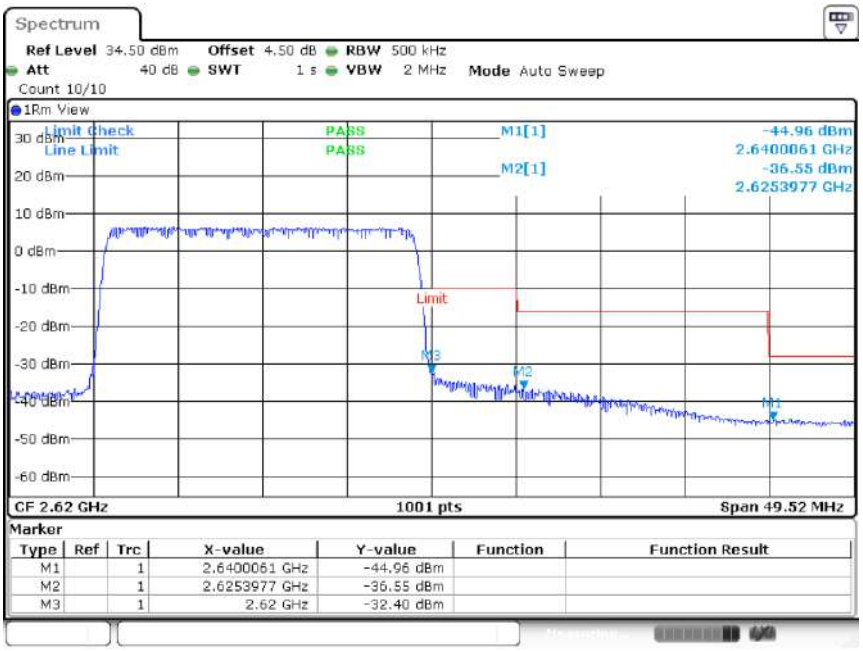

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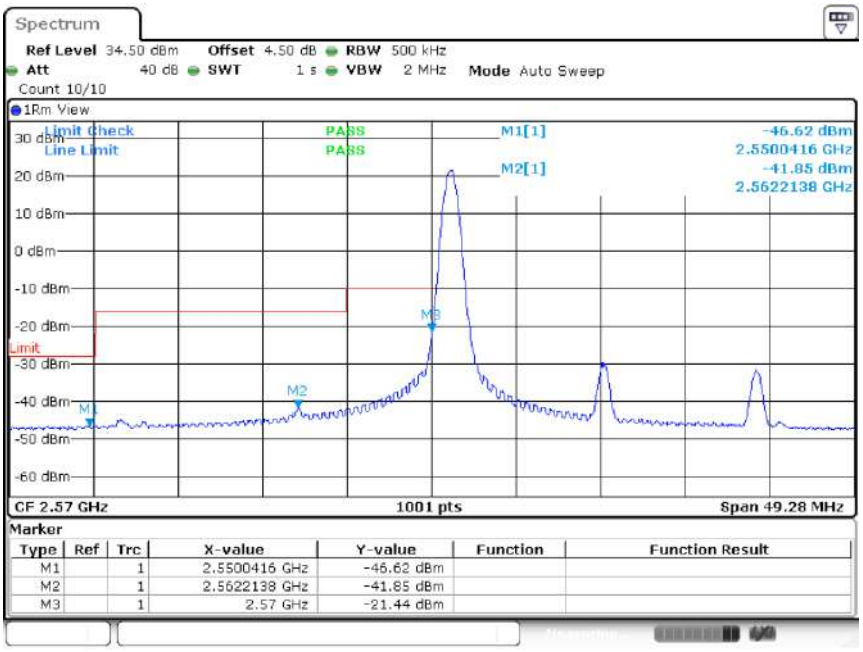
Band38-20MHz-64QAM-37850-1RB#0



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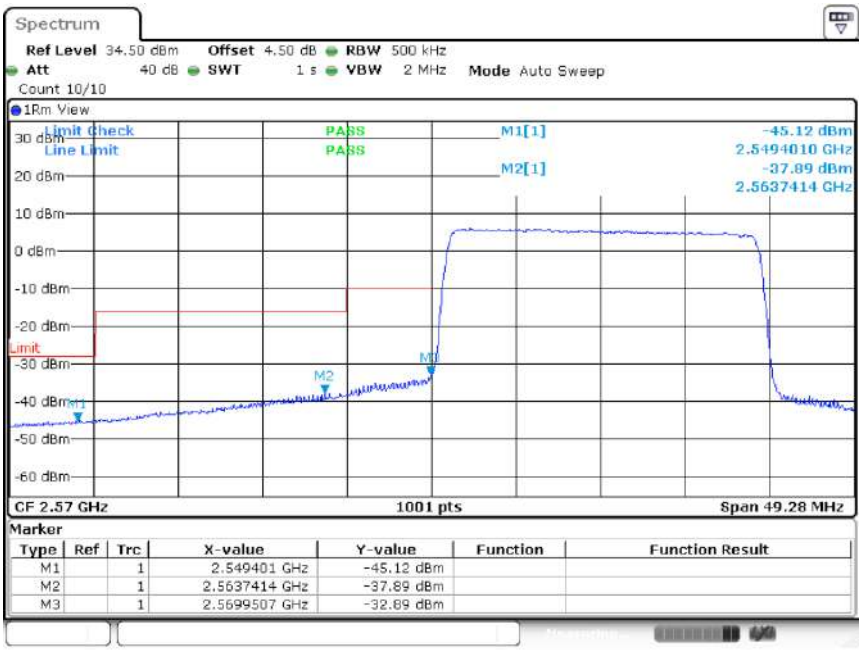

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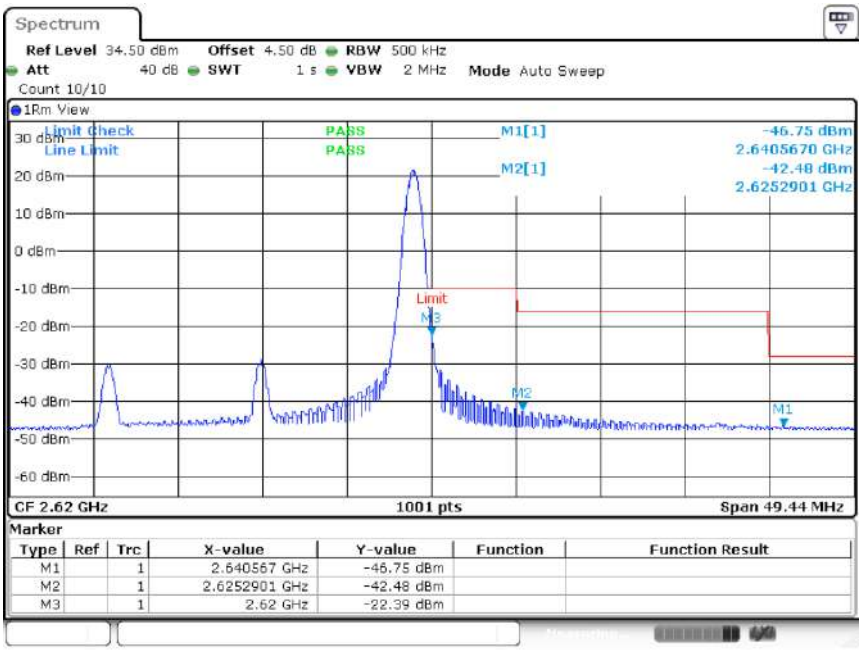
Band38-20MHz-64QAM-38150-1RB#99



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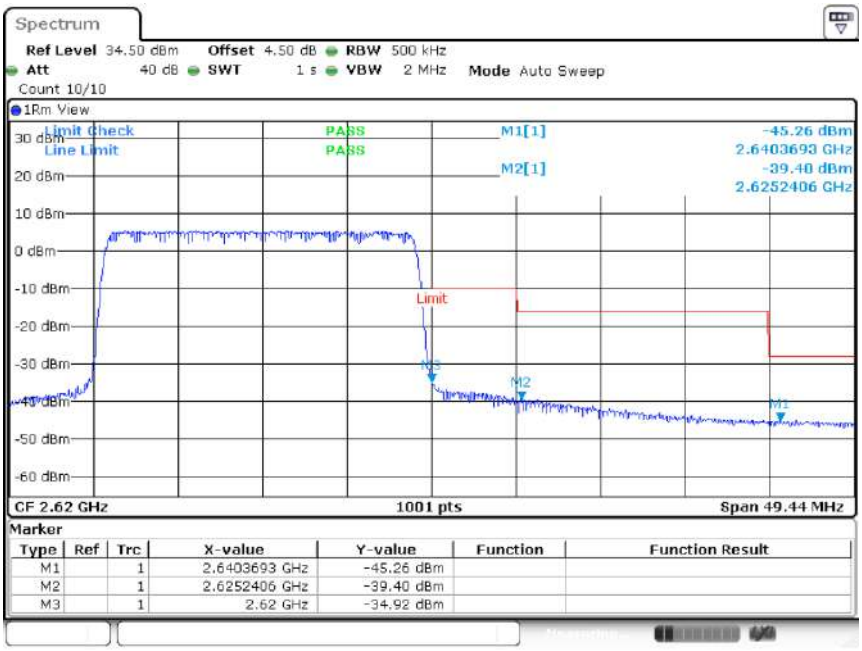

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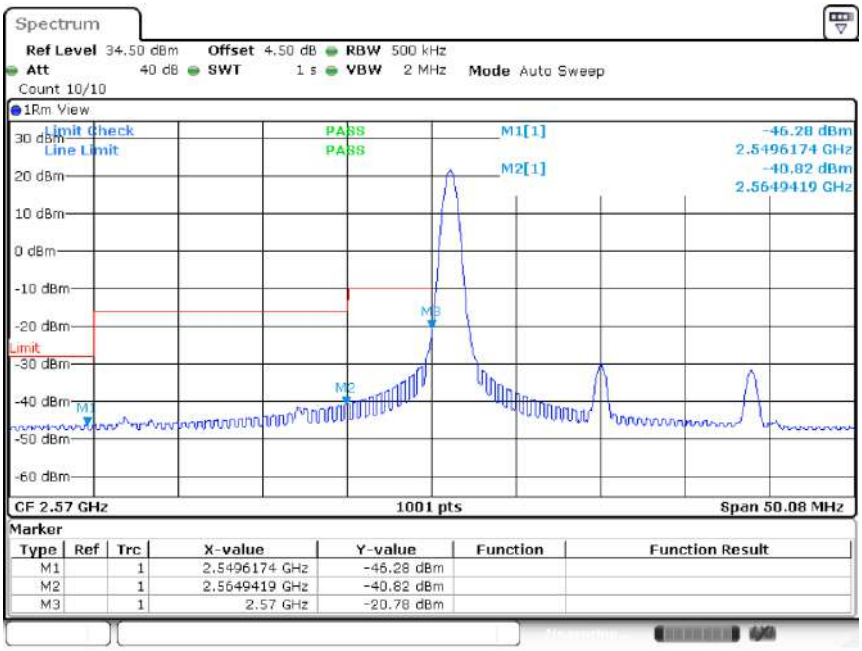

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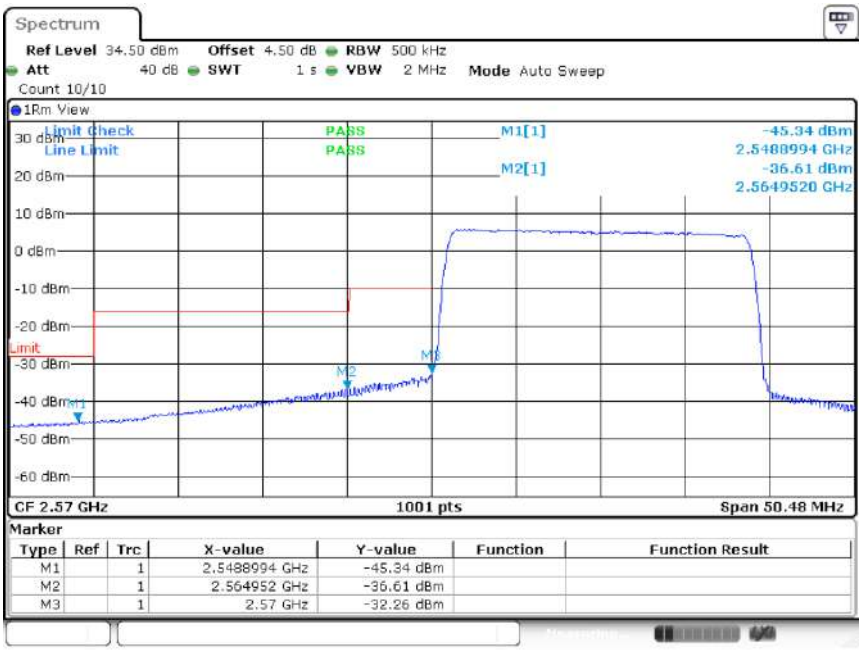

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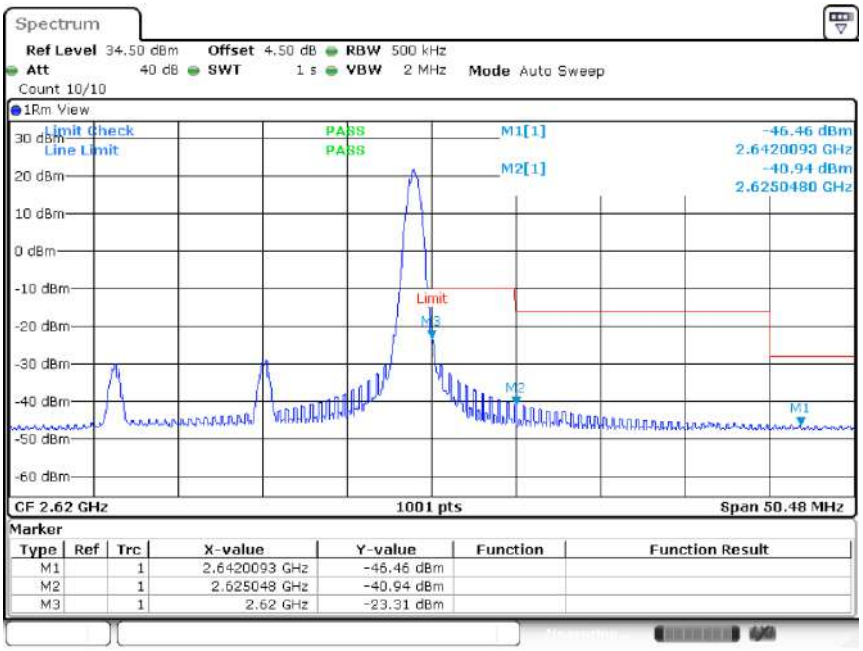
Band38-20MHz-16QAM-38150-1RB#99



Date: 4.SEP.2020 11:00:41

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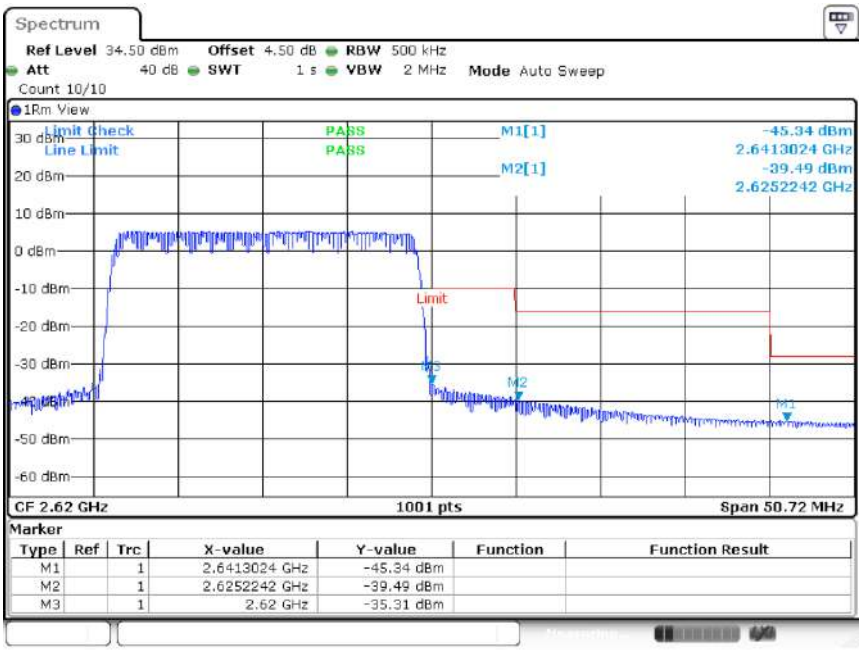
Band38-20MHz-16QAM-38150-100RB#0



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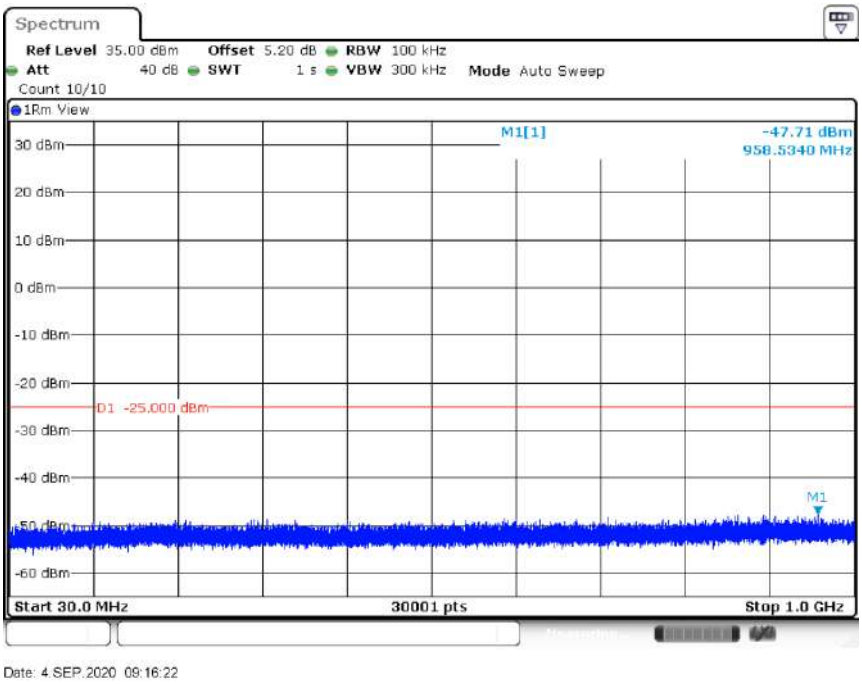
6. Spurious Emission at Antenna Terminal

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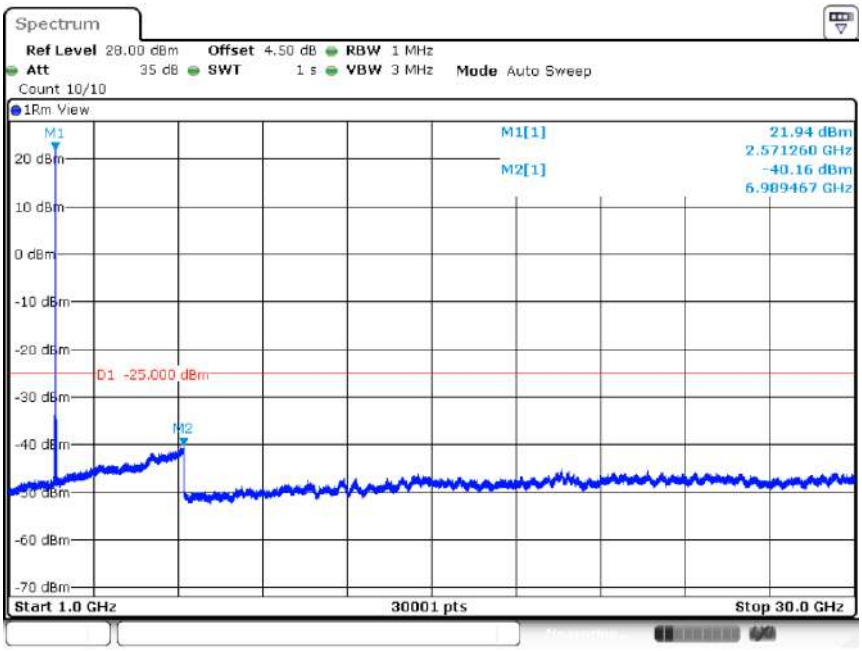
Band38-20MHz-QPSK-37850-1RB#0-Range2:1000~30000MHz



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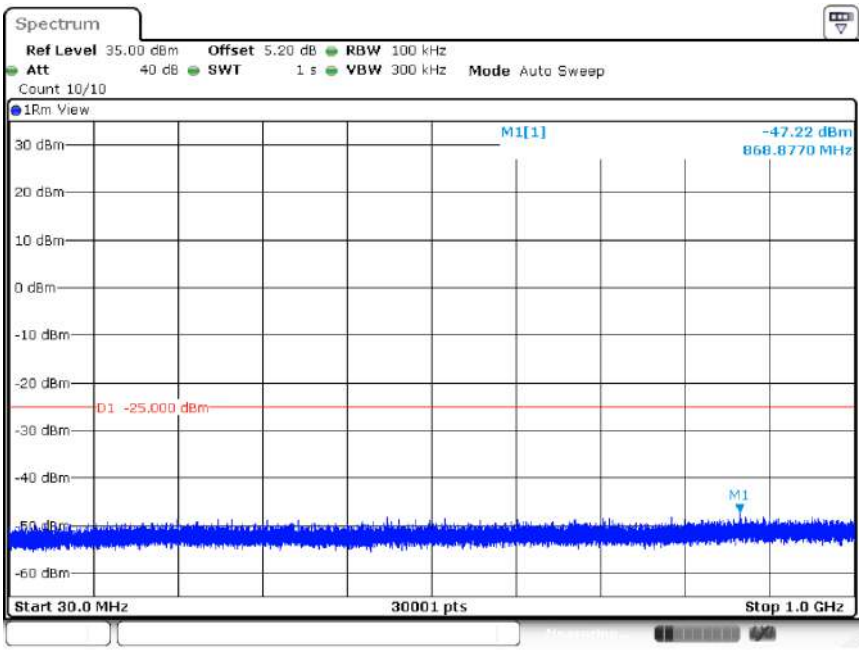

Date: 4.SEP.2020 09:17:32

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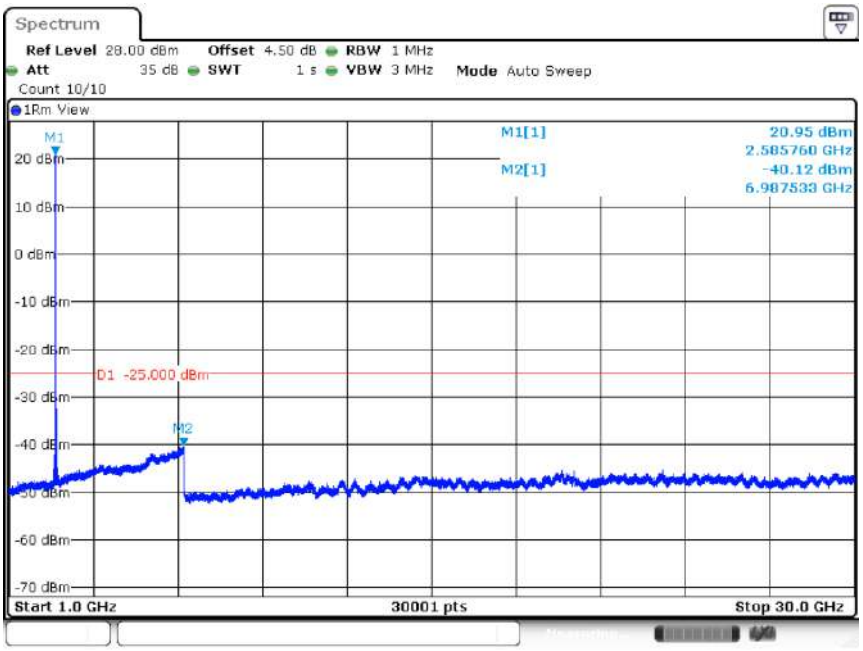
Band38-20MHz-QPSK-38000-1RB#0-Range2:1000~30000MHz



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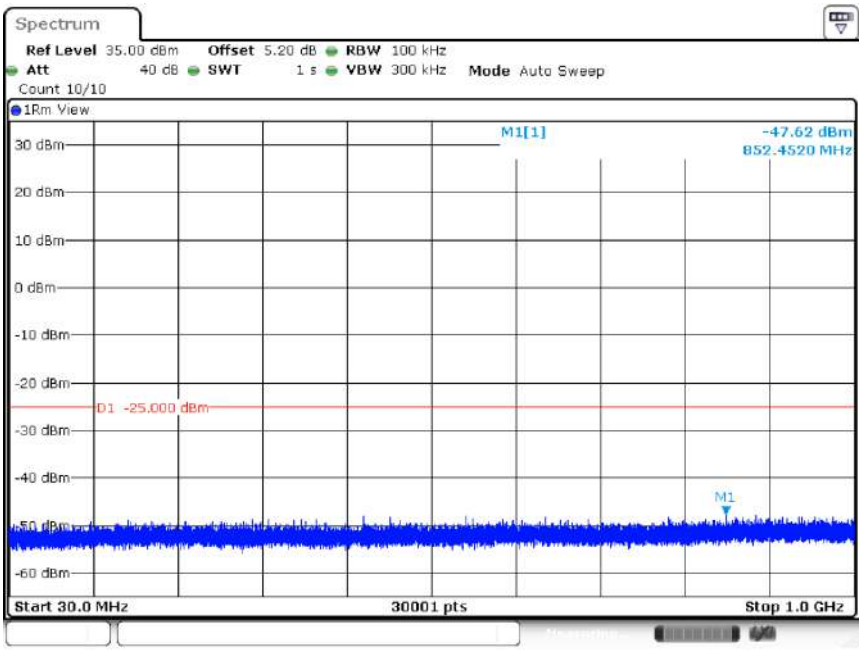
Band38-20MHz-QPSK-38150-1RB#0-Range1:30~1000MHz



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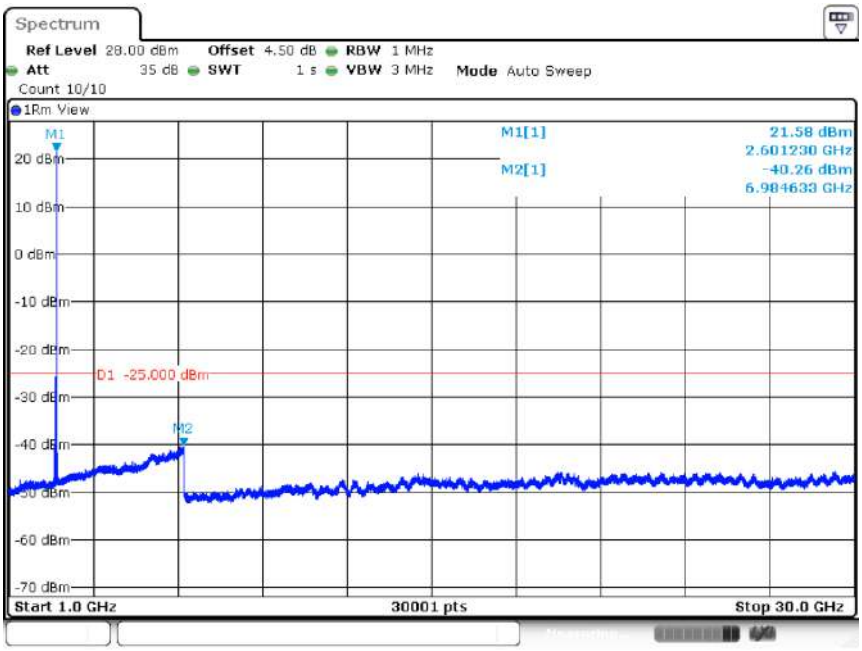
Band38-20MHz-QPSK-38150-1RB#0-Range2:1000~30000MHz



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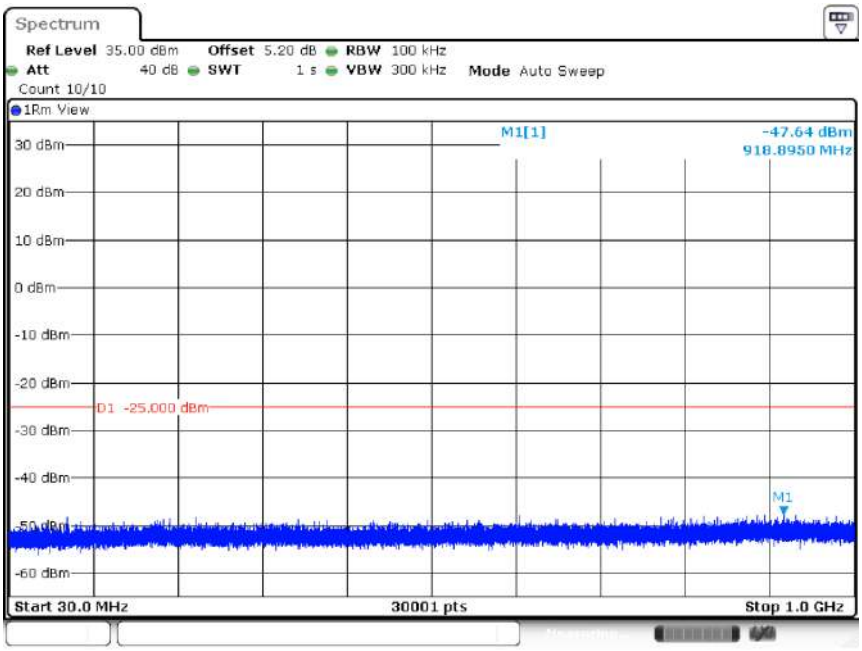
Band38-20MHz-64QAM-37850-1RB#0-Range1:30~1000MHz



Date: 4.SEP.2020 10:06:17

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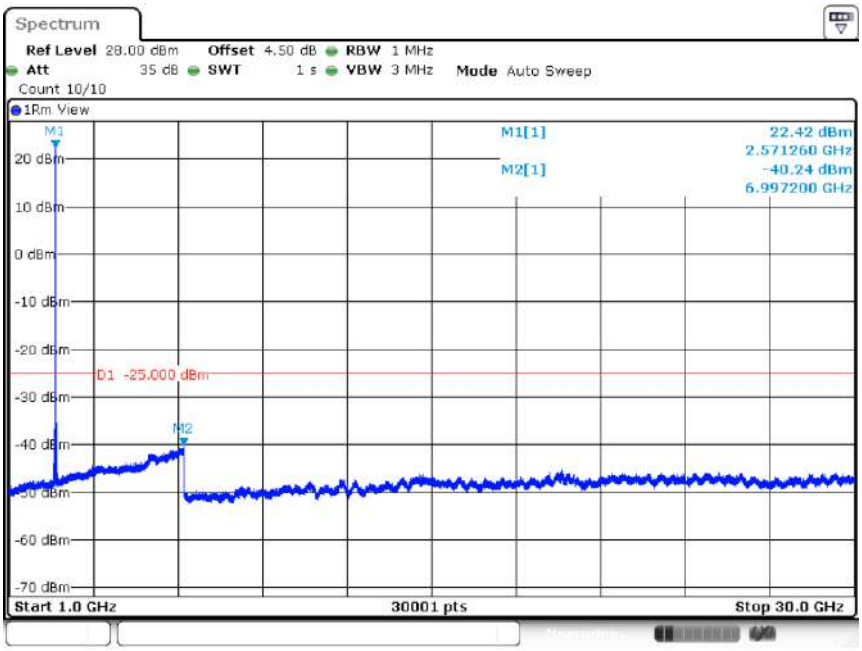
Band38-20MHz-64QAM-37850-1RB#0-Range2:1000~30000MHz



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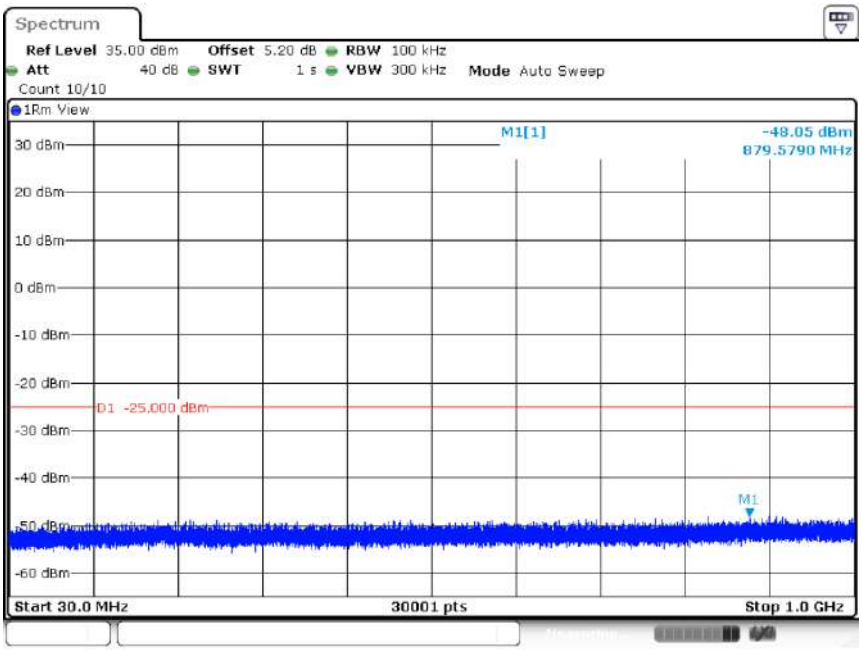

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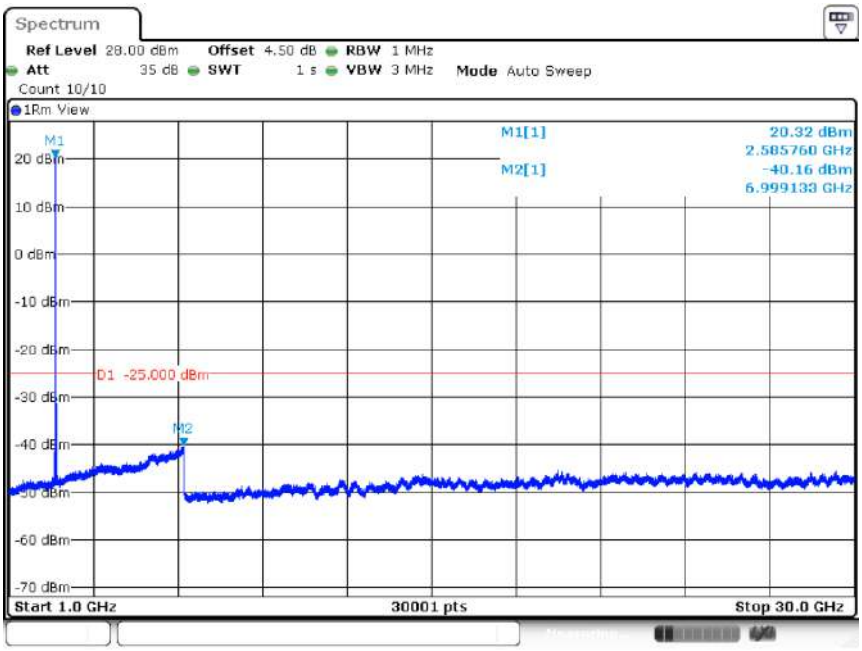

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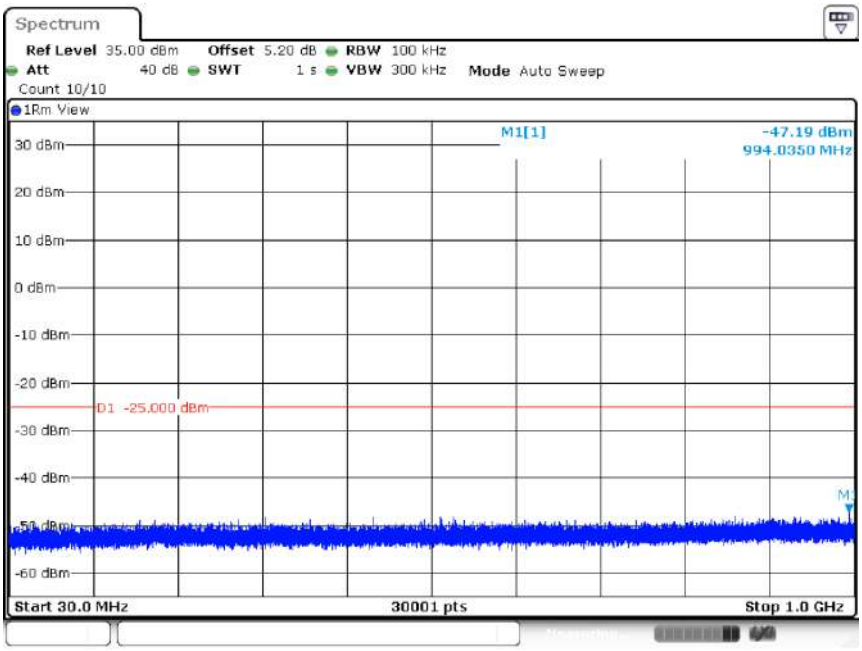

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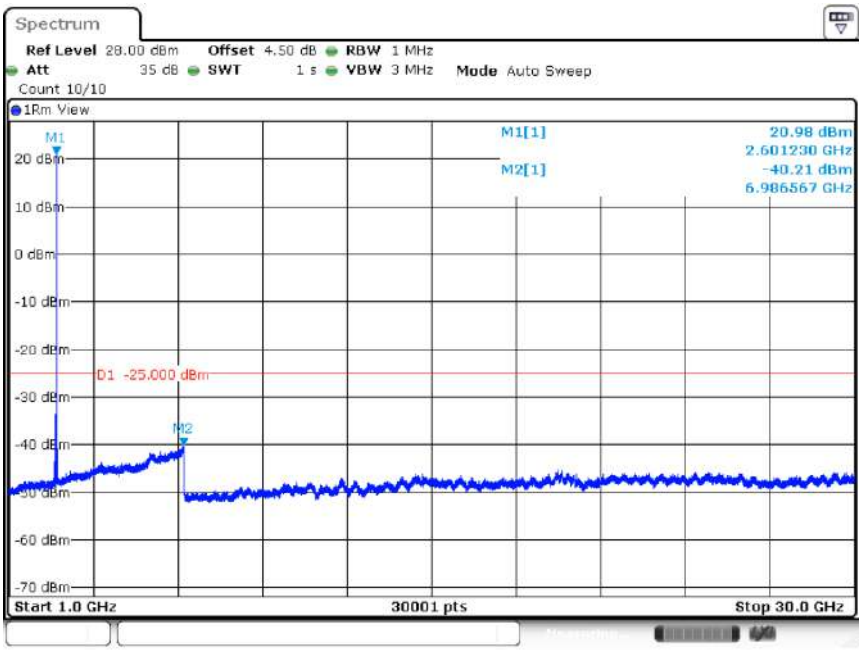

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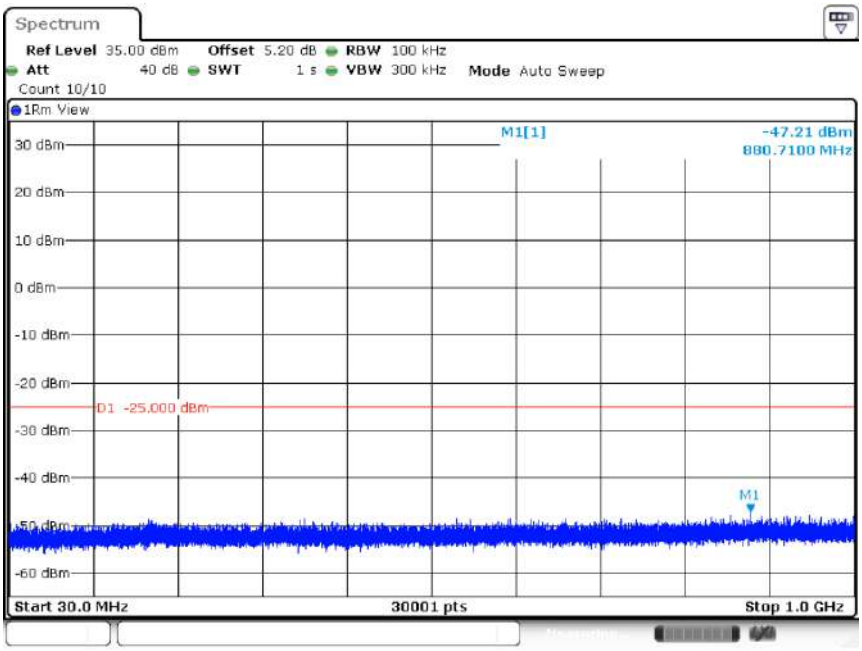

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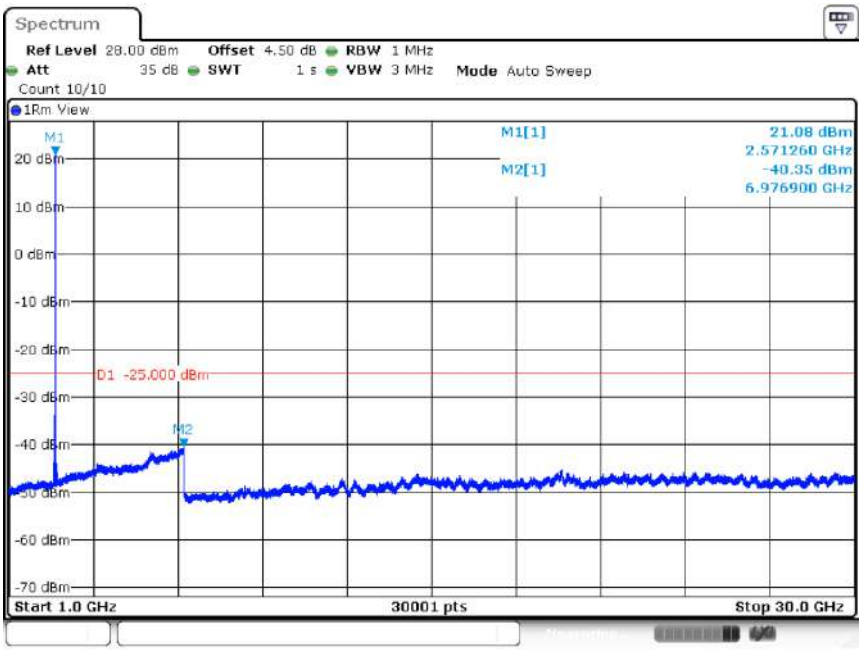
Band38-20MHz-16QAM-37850-1RB#0-Range2:1000~30000MHz



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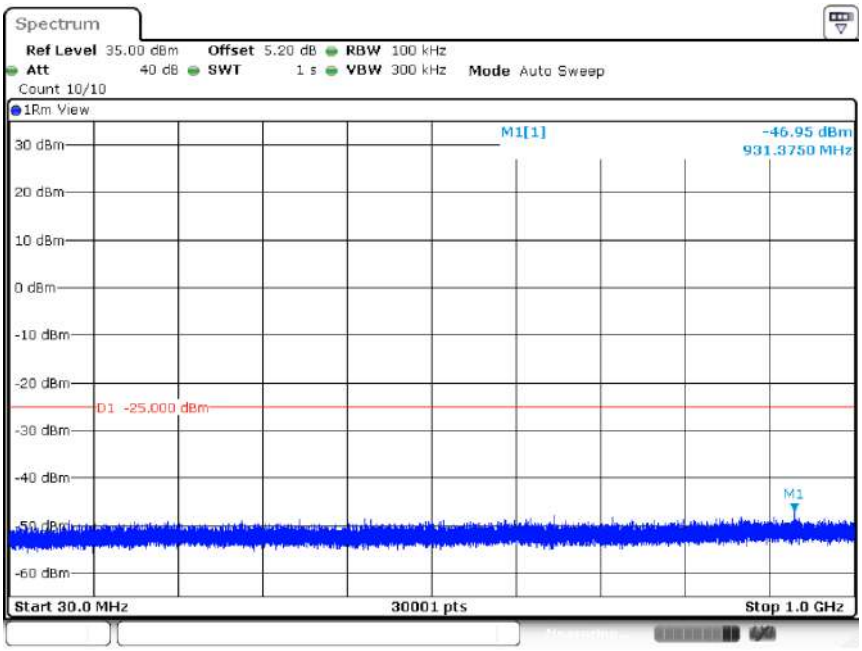

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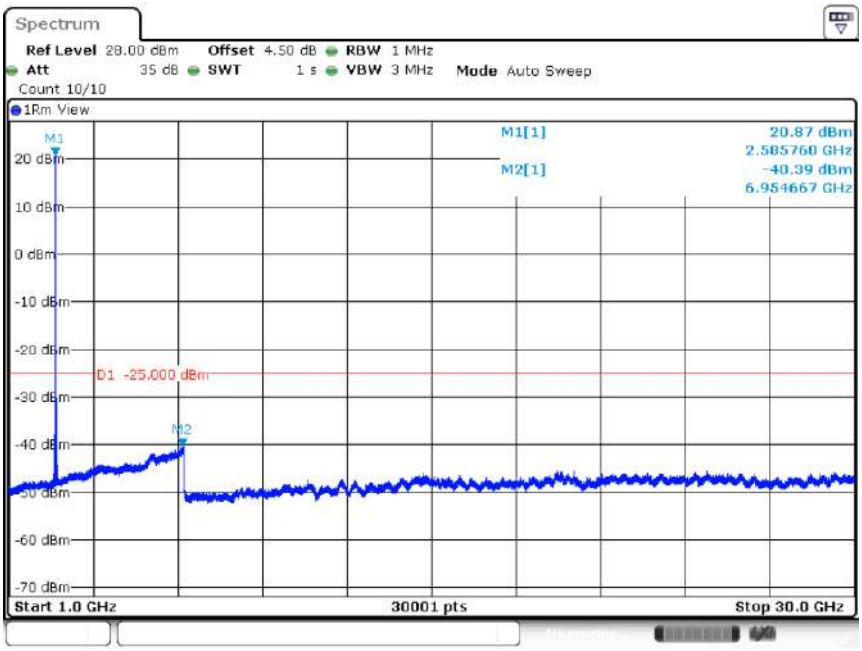

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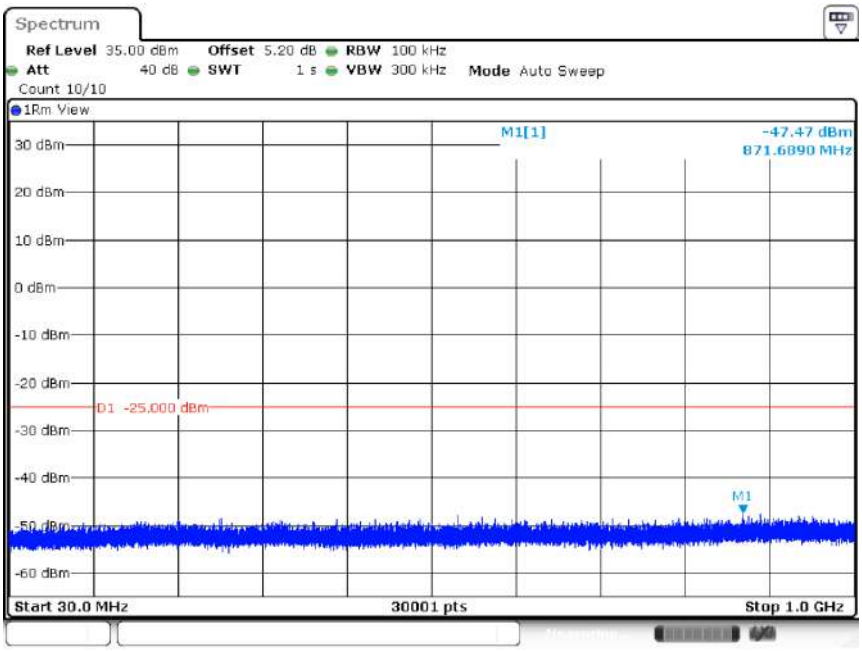

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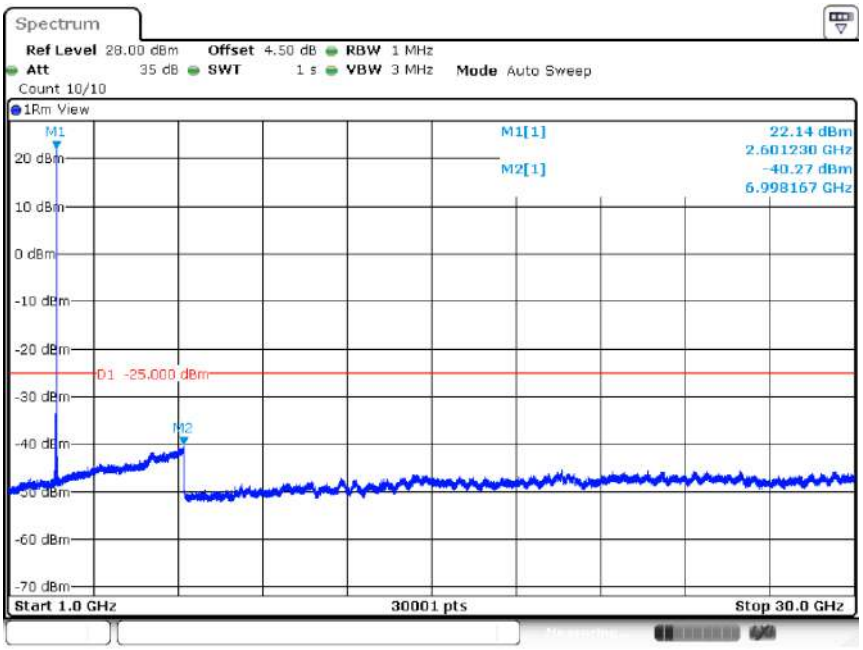
Band38-20MHz-16QAM-38150-1RB#0-Range2:1000~30000MHz



Date: 4 SEP.2020 09:19:33

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7. Field Strength of Spurious Radiation

7.1. Test Mode =LTE/TM1 20MHz

7.1.1. Test Channel = LCH

Frequency (MHz)	Level (dBm)	Limit Line (dBm)	Margin (dB)	Height [cm]	Angle [°]	Polarization
46.3938	-72.33	-25.00	47.33	258	157	Vertical
114.0547	-64.77	-25.00	39.77	261	181	Vertical
655.3903	-63.24	-25.00	38.24	159	58	Vertical
5142.0714	-60.62	-25.00	35.62	196	8	Vertical
7713.1571	-56.15	-25.00	31.15	321	207	Vertical
17999.0000	-39.92	-25.00	14.92	251	8	Vertical
44.4537	-63.79	-25.00	38.79	258	81	Horizontal
235.6988	-67.81	-25.00	42.81	174	206	Horizontal
598.8364	-63.89	-25.00	38.89	163	181	Horizontal
5117.5706	-61.42	-25.00	36.42	258	231	Horizontal
7713.1571	-56.27	-25.00	31.27	296	206	Horizontal
16398.9466	-43.29	-25.00	18.29	174	256	Horizontal

7.1.2. Test Channel = MCH

Frequency (MHz)	Level (dBm)	Limit Line (dBm)	Margin (dB)	Height [cm]	Angle [°]	Polarization
53.1842	-72.32	-25.00	47.32	159	107	Vertical
107.7009	-64.44	-25.00	39.44	196	257	Vertical
399.5400	-67.10	-25.00	42.10	184	8	Vertical
5172.0724	-60.50	-25.00	35.50	321	356	Vertical
8014.1671	-55.67	-25.00	30.67	261	306	Vertical
17999.5000	-39.83	-25.00	14.83	184	231	Vertical
44.9872	-64.33	-25.00	39.33	185	281	Horizontal
98.2429	-74.65	-25.00	49.65	196	8	Horizontal
229.9755	-67.56	-25.00	42.56	174	82	Horizontal
5122.5708	-61.52	-25.00	36.52	258	8	Horizontal
7758.1586	-53.62	-25.00	28.62	264	207	Horizontal
16367.4456	-43.41	-25.00	18.41	254	107	Horizontal

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7.1.3.Test Channel = HCH

Frequency (MHz)	Level (dBm)	Limit Line (dBm)	Margin (dB)	Height [cm]	Angle [°]	Polarization
45.5693	-73.57	-25.00	48.57	158	157	Vertical
110.4655	-64.06	-25.00	39.06	196	157	Vertical
443.7742	-66.04	-25.00	41.04	258	207	Vertical
5202.0734	-61.27	-25.00	36.27	264	331	Vertical
7456.6486	-56.01	-25.00	31.01	154	8	Vertical
17994.9998	-39.41	-25.00	14.41	164	8	Vertical
45.2783	-63.82	-25.00	38.82	174	8	Horizontal
98.2914	-74.58	-25.00	49.58	185	58	Horizontal
234.3892	-68.14	-25.00	43.14	196	131	Horizontal
5060.0687	-61.71	-25.00	36.71	231	207	Horizontal
7802.6601	-54.96	-25.00	29.96	252	181	Horizontal
16390.9464	-43.09	-25.00	18.09	254	306	Horizontal

Test on the worst care:

7.1.4.Test Channel = MCH

Frequency (MHz)	Level (dBm)	Limit Line (dBm)	Margin (dB)	Height [cm]	Angle [°]	Polarization
30.3880	-72.68	-25.00	47.68	241	203	Vertical
115.6553	-64.46	-25.00	39.46	258	203	Vertical
603.7837	-63.54	-25.00	38.54	247	30	Vertical
5172.5724	-59.54	-25.00	34.54	256	278	Vertical
7758.6586	-48.87	-25.00	23.87	214	103	Vertical
17998.5000	-40.35	-25.00	15.35	258	228	Vertical
44.3082	-64.44	-25.00	39.44	147	228	Horizontal
104.9362	-75.65	-25.00	50.65	158	278	Horizontal
235.4563	-68.59	-25.00	43.59	165	129	Horizontal
5172.0724	-58.88	-25.00	33.88	158	179	Horizontal
7758.1586	-49.34	-25.00	24.34	147	203	Horizontal
16393.9465	-44.02	-25.00	19.02	251	104	Horizontal

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

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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

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	-9.10	-0.003527	±2.5	PASS
Band38	20MHz	QPSK	37850	100RB#0	VN	NT	-11.10	-0.004302	±2.5	PASS
Band38	20MHz	QPSK	37850	100RB#0	VH	NT	-6.20	-0.002403	±2.5	PASS
Band38	20MHz	QPSK	38000	100RB#0	VL	NT	-9.00	-0.003468	±2.5	PASS
Band38	20MHz	QPSK	38000	100RB#0	VN	NT	-9.30	-0.003584	±2.5	PASS
Band38	20MHz	QPSK	38000	100RB#0	VH	NT	-8.30	-0.003198	±2.5	PASS
Band38	20MHz	QPSK	38150	100RB#0	VL	NT	-5.70	-0.002184	±2.5	PASS
Band38	20MHz	QPSK	38150	100RB#0	VN	NT	-6.50	-0.002490	±2.5	PASS
Band38	20MHz	QPSK	38150	100RB#0	VH	NT	-5.10	-0.001954	±2.5	PASS
Band38	20MHz	64QAM	37850	100RB#0	VL	NT	-7.30	-0.002829	±2.5	PASS
Band38	20MHz	64QAM	37850	100RB#0	VN	NT	-8.20	-0.003178	±2.5	PASS
Band38	20MHz	64QAM	37850	100RB#0	VH	NT	-5.30	-0.002054	±2.5	PASS
Band38	20MHz	64QAM	38000	100RB#0	VL	NT	-10.60	-0.004085	±2.5	PASS
Band38	20MHz	64QAM	38000	100RB#0	VN	NT	-9.10	-0.003507	±2.5	PASS
Band38	20MHz	64QAM	38000	100RB#0	VH	NT	-4.90	-0.001888	±2.5	PASS
Band38	20MHz	64QAM	38150	100RB#0	VL	NT	-7.50	-0.002874	±2.5	PASS
Band38	20MHz	64QAM	38150	100RB#0	VN	NT	-7.70	-0.002950	±2.5	PASS
Band38	20MHz	64QAM	38150	100RB#0	VH	NT	-8.40	-0.003218	±2.5	PASS
Band38	20MHz	16QAM	37850	100RB#0	VL	NT	-5.20	-0.002016	±2.5	PASS
Band38	20MHz	16QAM	37850	100RB#0	VN	NT	-7.90	-0.003062	±2.5	PASS
Band38	20MHz	16QAM	37850	100RB#0	VH	NT	-7.90	-0.003062	±2.5	PASS
Band38	20MHz	16QAM	38000	100RB#0	VL	NT	-4.80	-0.001850	±2.5	PASS
Band38	20MHz	16QAM	38000	100RB#0	VN	NT	-10.60	-0.004085	±2.5	PASS
Band38	20MHz	16QAM	38000	100RB#0	VH	NT	-5.80	-0.002235	±2.5	PASS
Band38	20MHz	16QAM	38150	100RB#0	VL	NT	-7.70	-0.002950	±2.5	PASS
Band38	20MHz	16QAM	38150	100RB#0	VN	NT	-6.90	-0.002644	±2.5	PASS
Band38	20MHz	16QAM	38150	100RB#0	VH	NT	-9.20	-0.003525	±2.5	PASS

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8.2. Frequency Vs 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	-3.90	-0.001512	±2.5	PASS
Band38	20MHz	QPSK	37850	100RB#0	NV	-20	-8.70	-0.003372	±2.5	PASS
Band38	20MHz	QPSK	37850	100RB#0	NV	-10	-7.10	-0.002752	±2.5	PASS
Band38	20MHz	QPSK	37850	100RB#0	NV	0	-5.30	-0.002054	±2.5	PASS
Band38	20MHz	QPSK	37850	100RB#0	NV	10	-9.40	-0.003643	±2.5	PASS
Band38	20MHz	QPSK	37850	100RB#0	NV	20	-8.70	-0.003372	±2.5	PASS
Band38	20MHz	QPSK	37850	100RB#0	NV	30	-4.40	-0.001705	±2.5	PASS
Band38	20MHz	QPSK	37850	100RB#0	NV	40	-5.40	-0.002093	±2.5	PASS
Band38	20MHz	QPSK	37850	100RB#0	NV	50	-5.60	-0.002171	±2.5	PASS
Band38	20MHz	QPSK	38000	100RB#0	NV	-30	-9.80	-0.003776	±2.5	PASS
Band38	20MHz	QPSK	38000	100RB#0	NV	-20	-8.70	-0.003353	±2.5	PASS
Band38	20MHz	QPSK	38000	100RB#0	NV	-10	-8.60	-0.003314	±2.5	PASS
Band38	20MHz	QPSK	38000	100RB#0	NV	0	-9.60	-0.003699	±2.5	PASS
Band38	20MHz	QPSK	38000	100RB#0	NV	10	-9.90	-0.003815	±2.5	PASS
Band38	20MHz	QPSK	38000	100RB#0	NV	20	-7.20	-0.002775	±2.5	PASS
Band38	20MHz	QPSK	38000	100RB#0	NV	30	-5.30	-0.002042	±2.5	PASS
Band38	20MHz	QPSK	38000	100RB#0	NV	40	-9.70	-0.003738	±2.5	PASS
Band38	20MHz	QPSK	38000	100RB#0	NV	50	-6.00	-0.002312	±2.5	PASS
Band38	20MHz	QPSK	38150	100RB#0	NV	-30	-6.70	-0.002567	±2.5	PASS
Band38	20MHz	QPSK	38150	100RB#0	NV	-20	-8.50	-0.003257	±2.5	PASS
Band38	20MHz	QPSK	38150	100RB#0	NV	-10	-5.80	-0.002222	±2.5	PASS
Band38	20MHz	QPSK	38150	100RB#0	NV	0	-7.30	-0.002797	±2.5	PASS
Band38	20MHz	QPSK	38150	100RB#0	NV	10	-7.30	-0.002797	±2.5	PASS
Band38	20MHz	QPSK	38150	100RB#0	NV	20	-8.20	-0.003142	±2.5	PASS
Band38	20MHz	QPSK	38150	100RB#0	NV	30	-8.30	-0.003180	±2.5	PASS
Band38	20MHz	QPSK	38150	100RB#0	NV	40	-6.40	-0.002452	±2.5	PASS
Band38	20MHz	QPSK	38150	100RB#0	NV	50	-4.70	-0.001801	±2.5	PASS
Band38	20MHz	64QAM	37850	100RB#0	NV	-30	-10.50	-0.004070	±2.5	PASS
Band38	20MHz	64QAM	37850	100RB#0	NV	-20	-8.80	-0.003411	±2.5	PASS
Band38	20MHz	64QAM	37850	100RB#0	NV	0	-8.80	-0.003411	±2.5	PASS
Band38	20MHz	64QAM	37850	100RB#0	NV	10	-6.20	-0.002403	±2.5	PASS
Band38	20MHz	64QAM	37850	100RB#0	NV	20	-7.30	-0.002829	±2.5	PASS
Band38	20MHz	64QAM	37850	100RB#0	NV	30	-8.50	-0.003295	±2.5	PASS
Band38	20MHz	64QAM	37850	100RB#0	NV	40	-7.50	-0.002907	±2.5	PASS

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Band38	20MHz	64QAM	37850	100RB#0	NV	50	-6.80	-0.002636	±2.5	PASS
Band38	20MHz	64QAM	38000	100RB#0	NV	-30	-9.60	-0.003699	±2.5	PASS
Band38	20MHz	64QAM	38000	100RB#0	NV	-20	-5.30	-0.002042	±2.5	PASS
Band38	20MHz	64QAM	38000	100RB#0	NV	0	-8.10	-0.003121	±2.5	PASS
Band38	20MHz	64QAM	38000	100RB#0	NV	10	-8.40	-0.003237	±2.5	PASS
Band38	20MHz	64QAM	38000	100RB#0	NV	20	-8.20	-0.003160	±2.5	PASS
Band38	20MHz	64QAM	38000	100RB#0	NV	30	-9.60	-0.003699	±2.5	PASS
Band38	20MHz	64QAM	38000	100RB#0	NV	40	-9.30	-0.003584	±2.5	PASS
Band38	20MHz	64QAM	38000	100RB#0	NV	50	-10.20	-0.003931	±2.5	PASS
Band38	20MHz	64QAM	38150	100RB#0	NV	-30	-2.70	-0.001034	±2.5	PASS
Band38	20MHz	64QAM	38150	100RB#0	NV	-20	-8.20	-0.003142	±2.5	PASS
Band38	20MHz	64QAM	38150	100RB#0	NV	0	-7.60	-0.002912	±2.5	PASS
Band38	20MHz	64QAM	38150	100RB#0	NV	10	-8.90	-0.003410	±2.5	PASS
Band38	20MHz	64QAM	38150	100RB#0	NV	20	-7.80	-0.002989	±2.5	PASS
Band38	20MHz	64QAM	38150	100RB#0	NV	30	-9.50	-0.003640	±2.5	PASS
Band38	20MHz	64QAM	38150	100RB#0	NV	40	-8.80	-0.003372	±2.5	PASS
Band38	20MHz	64QAM	38150	100RB#0	NV	50	-5.40	-0.002069	±2.5	PASS
Band38	20MHz	16QAM	37850	100RB#0	NV	-30	-7.30	-0.002829	±2.5	PASS
Band38	20MHz	16QAM	37850	100RB#0	NV	-20	-8.60	-0.003333	±2.5	PASS
Band38	20MHz	16QAM	37850	100RB#0	NV	-10	-6.40	-0.002481	±2.5	PASS
Band38	20MHz	16QAM	37850	100RB#0	NV	0	-6.80	-0.002636	±2.5	PASS
Band38	20MHz	16QAM	37850	100RB#0	NV	10	-9.40	-0.003643	±2.5	PASS
Band38	20MHz	16QAM	37850	100RB#0	NV	20	-8.60	-0.003333	±2.5	PASS
Band38	20MHz	16QAM	37850	100RB#0	NV	30	-9.00	-0.003488	±2.5	PASS
Band38	20MHz	16QAM	37850	100RB#0	NV	40	-4.90	-0.001899	±2.5	PASS
Band38	20MHz	16QAM	37850	100RB#0	NV	50	-8.30	-0.003217	±2.5	PASS
Band38	20MHz	16QAM	38000	100RB#0	NV	-30	-7.90	-0.003044	±2.5	PASS
Band38	20MHz	16QAM	38000	100RB#0	NV	-20	-6.80	-0.002620	±2.5	PASS
Band38	20MHz	16QAM	38000	100RB#0	NV	-10	-7.90	-0.003044	±2.5	PASS
Band38	20MHz	16QAM	38000	100RB#0	NV	0	-6.30	-0.002428	±2.5	PASS
Band38	20MHz	16QAM	38000	100RB#0	NV	10	-9.40	-0.003622	±2.5	PASS
Band38	20MHz	16QAM	38000	100RB#0	NV	20	-7.60	-0.002929	±2.5	PASS
Band38	20MHz	16QAM	38000	100RB#0	NV	30	-12.10	-0.004663	±2.5	PASS
Band38	20MHz	16QAM	38000	100RB#0	NV	40	-8.30	-0.003198	±2.5	PASS
Band38	20MHz	16QAM	38000	100RB#0	NV	50	-6.50	-0.002505	±2.5	PASS
Band38	20MHz	16QAM	38150	100RB#0	NV	-30	-7.80	-0.002989	±2.5	PASS
Band38	20MHz	16QAM	38150	100RB#0	NV	-20	-8.30	-0.003180	±2.5	PASS
Band38	20MHz	16QAM	38150	100RB#0	NV	-10	-9.20	-0.003525	±2.5	PASS

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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
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Band38	20MHz	16QAM	38150	100RB#0	NV	0	-6.20	-0.002375	±2.5	PASS
Band38	20MHz	16QAM	38150	100RB#0	NV	10	-6.90	-0.002644	±2.5	PASS
Band38	20MHz	16QAM	38150	100RB#0	NV	20	-6.00	-0.002299	±2.5	PASS
Band38	20MHz	16QAM	38150	100RB#0	NV	30	-7.50	-0.002874	±2.5	PASS
Band38	20MHz	16QAM	38150	100RB#0	NV	40	-8.50	-0.003257	±2.5	PASS
Band38	20MHz	16QAM	38150	100RB#0	NV	50	-9.60	-0.003678	±2.5	PASS

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SGS-CSTC Standards Technical Services Co., Ltd. Shenzhen Branch
No.1 Workshop, M-10, Middle Section, Science & Technology Park, Shenzhen, China 518057 t (86-755) 26012053 f (86-755) 26710594 www.sgsgroup.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