



Appendix B

E-UTRA Band 38



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1 Effective (Isotropic) Radiated Power

1.1. Test Result

For ANT1:

Band	Bandwidth	Modulation	Channel	RB Configuration	Conducted Power(dBm)	EIRP (dBm)	Limit (dBm)	Verdict
Band38	5MHz	QPSK	37775	1RB#12	23.84	24.39	33.00	PASS
Band38	5MHz	QPSK	37775	1RB#0	23.98	24.53	33.00	PASS
Band38	5MHz	QPSK	37775	1RB#24	23.80	24.35	33.00	PASS
Band38	5MHz	QPSK	37775	12RB#13	22.97	23.52	33.00	PASS
Band38	5MHz	QPSK	37775	12RB#6	23.05	23.6	33.00	PASS
Band38	5MHz	QPSK	37775	12RB#0	22.99	23.54	33.00	PASS
Band38	5MHz	QPSK	37775	25RB#0	22.91	23.46	33.00	PASS
Band38	5MHz	QPSK	38000	1RB#12	23.85	24.4	33.00	PASS
Band38	5MHz	QPSK	38000	1RB#0	23.95	24.5	33.00	PASS
Band38	5MHz	QPSK	38000	1RB#24	23.82	24.37	33.00	PASS
Band38	5MHz	QPSK	38000	12RB#0	22.99	23.54	33.00	PASS
Band38	5MHz	QPSK	38000	12RB#6	22.94	23.49	33.00	PASS
Band38	5MHz	QPSK	38000	12RB#13	22.97	23.52	33.00	PASS
Band38	5MHz	QPSK	38000	25RB#0	23.08	23.63	33.00	PASS
Band38	5MHz	QPSK	38225	1RB#12	23.75	24.3	33.00	PASS
Band38	5MHz	QPSK	38225	1RB#24	23.82	24.37	33.00	PASS
Band38	5MHz	QPSK	38225	1RB#0	23.62	24.17	33.00	PASS
Band38	5MHz	QPSK	38225	12RB#0	22.81	23.36	33.00	PASS
Band38	5MHz	QPSK	38225	12RB#6	22.88	23.43	33.00	PASS
Band38	5MHz	QPSK	38225	12RB#13	22.90	23.45	33.00	PASS
Band38	5MHz	QPSK	38225	25RB#0	22.88	23.43	33.00	PASS
Band38	5MHz	64QAM	37775	1RB#12	21.90	22.45	33.00	PASS
Band38	5MHz	64QAM	37775	1RB#0	22.05	22.6	33.00	PASS
Band38	5MHz	64QAM	37775	1RB#24	21.84	22.39	33.00	PASS
Band38	5MHz	64QAM	37775	12RB#13	20.95	21.5	33.00	PASS
Band38	5MHz	64QAM	37775	12RB#6	20.94	21.49	33.00	PASS



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Band38	5MHz	64QAM	37775	12RB#0	20.80	21.35	33.00	PASS
Band38	5MHz	64QAM	37775	25RB#0	20.86	21.41	33.00	PASS
Band38	5MHz	64QAM	38000	1RB#12	21.98	22.53	33.00	PASS
Band38	5MHz	64QAM	38000	1RB#0	22.01	22.56	33.00	PASS
Band38	5MHz	64QAM	38000	1RB#24	21.95	22.5	33.00	PASS
Band38	5MHz	64QAM	38000	12RB#0	20.91	21.46	33.00	PASS
Band38	5MHz	64QAM	38000	12RB#6	20.88	21.43	33.00	PASS
Band38	5MHz	64QAM	38000	12RB#13	20.83	21.38	33.00	PASS
Band38	5MHz	64QAM	38000	25RB#0	21.09	21.64	33.00	PASS
Band38	5MHz	64QAM	38225	1RB#12	21.81	22.36	33.00	PASS
Band38	5MHz	64QAM	38225	1RB#24	21.93	22.48	33.00	PASS
Band38	5MHz	64QAM	38225	1RB#0	21.73	22.28	33.00	PASS
Band38	5MHz	64QAM	38225	12RB#0	20.71	21.26	33.00	PASS
Band38	5MHz	64QAM	38225	12RB#6	20.81	21.36	33.00	PASS
Band38	5MHz	64QAM	38225	12RB#13	20.69	21.24	33.00	PASS
Band38	5MHz	64QAM	38225	25RB#0	20.89	21.44	33.00	PASS
Band38	5MHz	16QAM	37775	1RB#24	22.91	23.46	33.00	PASS
Band38	5MHz	16QAM	37775	1RB#0	23.01	23.56	33.00	PASS
Band38	5MHz	16QAM	37775	1RB#12	22.89	23.44	33.00	PASS
Band38	5MHz	16QAM	37775	12RB#13	21.93	22.48	33.00	PASS
Band38	5MHz	16QAM	37775	12RB#6	21.92	22.47	33.00	PASS
Band38	5MHz	16QAM	37775	12RB#0	21.86	22.41	33.00	PASS
Band38	5MHz	16QAM	37775	25RB#0	21.91	22.46	33.00	PASS
Band38	5MHz	16QAM	38000	1RB#12	23.04	23.59	33.00	PASS
Band38	5MHz	16QAM	38000	1RB#0	23.05	23.6	33.00	PASS
Band38	5MHz	16QAM	38000	1RB#24	22.97	23.52	33.00	PASS
Band38	5MHz	16QAM	38000	12RB#0	21.89	22.44	33.00	PASS
Band38	5MHz	16QAM	38000	12RB#6	21.86	22.41	33.00	PASS
Band38	5MHz	16QAM	38000	12RB#13	21.85	22.4	33.00	PASS
Band38	5MHz	16QAM	38000	25RB#0	22.10	22.65	33.00	PASS
Band38	5MHz	16QAM	38225	1RB#12	22.85	23.4	33.00	PASS
Band38	5MHz	16QAM	38225	1RB#0	22.90	23.45	33.00	PASS
Band38	5MHz	16QAM	38225	1RB#24	22.74	23.29	33.00	PASS



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Band38	5MHz	16QAM	38225	12RB#6	21.75	22.3	33.00	PASS
Band38	5MHz	16QAM	38225	12RB#13	21.83	22.38	33.00	PASS
Band38	5MHz	16QAM	38225	12RB#0	21.75	22.3	33.00	PASS
Band38	5MHz	16QAM	38225	25RB#0	21.90	22.45	33.00	PASS
Band38	10MHz	QPSK	37800	1RB#24	23.99	24.54	33.00	PASS
Band38	10MHz	QPSK	37800	1RB#49	23.86	24.41	33.00	PASS
Band38	10MHz	QPSK	37800	1RB#0	23.98	24.53	33.00	PASS
Band38	10MHz	QPSK	37800	25RB#0	22.98	23.53	33.00	PASS
Band38	10MHz	QPSK	37800	25RB#12	22.95	23.5	33.00	PASS
Band38	10MHz	QPSK	37800	25RB#25	23.01	23.56	33.00	PASS
Band38	10MHz	QPSK	37800	50RB#0	22.95	23.5	33.00	PASS
Band38	10MHz	QPSK	38000	1RB#0	24.01	24.56	33.00	PASS
Band38	10MHz	QPSK	38000	1RB#49	23.88	24.43	33.00	PASS
Band38	10MHz	QPSK	38000	1RB#24	23.92	24.47	33.00	PASS
Band38	10MHz	QPSK	38000	25RB#12	23.02	23.57	33.00	PASS
Band38	10MHz	QPSK	38000	25RB#25	22.98	23.53	33.00	PASS
Band38	10MHz	QPSK	38000	25RB#0	22.96	23.51	33.00	PASS
Band38	10MHz	QPSK	38000	50RB#0	23.03	23.58	33.00	PASS
Band38	10MHz	QPSK	38200	1RB#24	23.97	24.52	33.00	PASS
Band38	10MHz	QPSK	38200	1RB#49	23.82	24.37	33.00	PASS
Band38	10MHz	QPSK	38200	1RB#0	23.81	24.36	33.00	PASS
Band38	10MHz	QPSK	38200	25RB#25	22.90	23.45	33.00	PASS
Band38	10MHz	QPSK	38200	25RB#0	22.90	23.45	33.00	PASS
Band38	10MHz	QPSK	38200	25RB#12	22.94	23.49	33.00	PASS
Band38	10MHz	QPSK	38200	50RB#0	22.88	23.43	33.00	PASS
Band38	10MHz	64QAM	37800	1RB#24	22.05	22.6	33.00	PASS
Band38	10MHz	64QAM	37800	1RB#49	21.95	22.5	33.00	PASS
Band38	10MHz	64QAM	37800	1RB#0	22.05	22.6	33.00	PASS
Band38	10MHz	64QAM	37800	25RB#0	21.02	21.57	33.00	PASS
Band38	10MHz	64QAM	37800	25RB#12	20.95	21.5	33.00	PASS
Band38	10MHz	64QAM	37800	25RB#25	20.96	21.51	33.00	PASS
Band38	10MHz	64QAM	37800	50RB#0	20.94	21.49	33.00	PASS
Band38	10MHz	64QAM	38000	1RB#0	22.10	22.65	33.00	PASS



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Band38	10MHz	64QAM	38000	1RB#49	22.00	22.55	33.00	PASS
Band38	10MHz	64QAM	38000	1RB#24	22.00	22.55	33.00	PASS
Band38	10MHz	64QAM	38000	25RB#12	21.01	21.56	33.00	PASS
Band38	10MHz	64QAM	38000	25RB#25	20.82	21.37	33.00	PASS
Band38	10MHz	64QAM	38000	25RB#0	20.94	21.49	33.00	PASS
Band38	10MHz	64QAM	38000	50RB#0	21.05	21.6	33.00	PASS
Band38	10MHz	64QAM	38200	1RB#24	21.96	22.51	33.00	PASS
Band38	10MHz	64QAM	38200	1RB#49	21.91	22.46	33.00	PASS
Band38	10MHz	64QAM	38200	1RB#0	21.89	22.44	33.00	PASS
Band38	10MHz	64QAM	38200	25RB#25	20.97	21.52	33.00	PASS
Band38	10MHz	64QAM	38200	25RB#0	20.79	21.34	33.00	PASS
Band38	10MHz	64QAM	38200	25RB#12	20.92	21.47	33.00	PASS
Band38	10MHz	64QAM	38200	50RB#0	20.96	21.51	33.00	PASS
Band38	10MHz	16QAM	37800	1RB#24	23.06	23.61	33.00	PASS
Band38	10MHz	16QAM	37800	1RB#0	22.95	23.5	33.00	PASS
Band38	10MHz	16QAM	37800	1RB#49	23.06	23.61	33.00	PASS
Band38	10MHz	16QAM	37800	25RB#25	21.99	22.54	33.00	PASS
Band38	10MHz	16QAM	37800	25RB#12	21.95	22.5	33.00	PASS
Band38	10MHz	16QAM	37800	25RB#0	21.94	22.49	33.00	PASS
Band38	10MHz	16QAM	37800	50RB#0	22.00	22.55	33.00	PASS
Band38	10MHz	16QAM	38000	1RB#49	23.06	23.61	33.00	PASS
Band38	10MHz	16QAM	38000	1RB#0	22.96	23.51	33.00	PASS
Band38	10MHz	16QAM	38000	1RB#24	22.98	23.53	33.00	PASS
Band38	10MHz	16QAM	38000	25RB#25	22.06	22.61	33.00	PASS
Band38	10MHz	16QAM	38000	25RB#0	21.82	22.37	33.00	PASS
Band38	10MHz	16QAM	38000	25RB#12	21.99	22.54	33.00	PASS
Band38	10MHz	16QAM	38000	50RB#0	22.03	22.58	33.00	PASS
Band38	10MHz	16QAM	38200	1RB#0	23.01	23.56	33.00	PASS
Band38	10MHz	16QAM	38200	1RB#24	22.91	23.46	33.00	PASS
Band38	10MHz	16QAM	38200	1RB#49	22.87	23.42	33.00	PASS
Band38	10MHz	16QAM	38200	25RB#12	21.97	22.52	33.00	PASS
Band38	10MHz	16QAM	38200	25RB#25	21.83	22.38	33.00	PASS
Band38	10MHz	16QAM	38200	25RB#0	21.88	22.43	33.00	PASS



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Band38	10MHz	16QAM	38200	50RB#0	22.01	22.56	33.00	PASS
Band38	15MHz	QPSK	37825	1RB#38	23.88	24.43	33.00	PASS
Band38	15MHz	QPSK	37825	1RB#74	23.97	24.52	33.00	PASS
Band38	15MHz	QPSK	37825	1RB#0	23.86	24.41	33.00	PASS
Band38	15MHz	QPSK	37825	36RB#39	22.98	23.53	33.00	PASS
Band38	15MHz	QPSK	37825	36RB#18	22.97	23.52	33.00	PASS
Band38	15MHz	QPSK	37825	36RB#0	22.97	23.52	33.00	PASS
Band38	15MHz	QPSK	37825	75RB#0	22.95	23.5	33.00	PASS
Band38	15MHz	QPSK	38000	1RB#0	23.94	24.49	33.00	PASS
Band38	15MHz	QPSK	38000	1RB#38	23.98	24.53	33.00	PASS
Band38	15MHz	QPSK	38000	1RB#74	23.82	24.37	33.00	PASS
Band38	15MHz	QPSK	38000	36RB#0	22.99	23.54	33.00	PASS
Band38	15MHz	QPSK	38000	36RB#18	23.00	23.55	33.00	PASS
Band38	15MHz	QPSK	38000	36RB#39	22.91	23.46	33.00	PASS
Band38	15MHz	QPSK	38000	75RB#0	23.01	23.56	33.00	PASS
Band38	15MHz	QPSK	38175	1RB#38	23.80	24.35	33.00	PASS
Band38	15MHz	QPSK	38175	1RB#0	23.81	24.36	33.00	PASS
Band38	15MHz	QPSK	38175	1RB#74	23.69	24.24	33.00	PASS
Band38	15MHz	QPSK	38175	36RB#39	22.84	23.39	33.00	PASS
Band38	15MHz	QPSK	38175	36RB#18	22.87	23.42	33.00	PASS
Band38	15MHz	QPSK	38175	36RB#0	22.82	23.37	33.00	PASS
Band38	15MHz	QPSK	38175	75RB#0	22.83	23.38	33.00	PASS
Band38	15MHz	64QAM	37825	1RB#38	21.95	22.5	33.00	PASS
Band38	15MHz	64QAM	37825	1RB#74	21.96	22.51	33.00	PASS
Band38	15MHz	64QAM	37825	1RB#0	21.84	22.39	33.00	PASS
Band38	15MHz	64QAM	37825	36RB#39	20.96	21.51	33.00	PASS
Band38	15MHz	64QAM	37825	36RB#18	20.97	21.52	33.00	PASS
Band38	15MHz	64QAM	37825	36RB#0	20.97	21.52	33.00	PASS
Band38	15MHz	64QAM	37825	75RB#0	20.99	21.54	33.00	PASS
Band38	15MHz	64QAM	38000	1RB#0	21.98	22.53	33.00	PASS
Band38	15MHz	64QAM	38000	1RB#38	22.07	22.62	33.00	PASS
Band38	15MHz	64QAM	38000	1RB#74	21.82	22.37	33.00	PASS
Band38	15MHz	64QAM	38000	36RB#0	20.93	21.48	33.00	PASS



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Band38	15MHz	64QAM	38000	36RB#18	20.97	21.52	33.00	PASS
Band38	15MHz	64QAM	38000	36RB#39	20.88	21.43	33.00	PASS
Band38	15MHz	64QAM	38000	75RB#0	20.99	21.54	33.00	PASS
Band38	15MHz	64QAM	38175	1RB#38	22.01	22.56	33.00	PASS
Band38	15MHz	64QAM	38175	1RB#0	21.92	22.47	33.00	PASS
Band38	15MHz	64QAM	38175	1RB#74	21.68	22.23	33.00	PASS
Band38	15MHz	64QAM	38175	36RB#39	20.85	21.4	33.00	PASS
Band38	15MHz	64QAM	38175	36RB#18	20.78	21.33	33.00	PASS
Band38	15MHz	64QAM	38175	36RB#0	20.85	21.4	33.00	PASS
Band38	15MHz	64QAM	38175	75RB#0	20.89	21.44	33.00	PASS
Band38	15MHz	16QAM	37825	1RB#0	22.93	23.48	33.00	PASS
Band38	15MHz	16QAM	37825	1RB#38	22.99	23.54	33.00	PASS
Band38	15MHz	16QAM	37825	1RB#74	22.88	23.43	33.00	PASS
Band38	15MHz	16QAM	37825	36RB#39	21.93	22.48	33.00	PASS
Band38	15MHz	16QAM	37825	36RB#0	21.98	22.53	33.00	PASS
Band38	15MHz	16QAM	37825	36RB#18	21.93	22.48	33.00	PASS
Band38	15MHz	16QAM	37825	75RB#0	22.00	22.55	33.00	PASS
Band38	15MHz	16QAM	38000	1RB#0	22.99	23.54	33.00	PASS
Band38	15MHz	16QAM	38000	1RB#38	23.06	23.61	33.00	PASS
Band38	15MHz	16QAM	38000	1RB#74	22.87	23.42	33.00	PASS
Band38	15MHz	16QAM	38000	36RB#0	21.92	22.47	33.00	PASS
Band38	15MHz	16QAM	38000	36RB#18	21.98	22.53	33.00	PASS
Band38	15MHz	16QAM	38000	36RB#39	21.94	22.49	33.00	PASS
Band38	15MHz	16QAM	38000	75RB#0	22.02	22.57	33.00	PASS
Band38	15MHz	16QAM	38175	1RB#0	23.01	23.56	33.00	PASS
Band38	15MHz	16QAM	38175	1RB#38	22.95	23.5	33.00	PASS
Band38	15MHz	16QAM	38175	1RB#74	22.71	23.26	33.00	PASS
Band38	15MHz	16QAM	38175	36RB#0	21.87	22.42	33.00	PASS
Band38	15MHz	16QAM	38175	36RB#18	21.81	22.36	33.00	PASS
Band38	15MHz	16QAM	38175	36RB#39	21.85	22.4	33.00	PASS
Band38	15MHz	16QAM	38175	75RB#0	21.87	22.42	33.00	PASS
Band38	20MHz	QPSK	37850	1RB#0	23.70	24.25	33.00	PASS
Band38	20MHz	QPSK	37850	1RB#49	24.03	24.58	33.00	PASS



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Band38	20MHz	QPSK	37850	1RB#99	23.64	24.19	33.00	PASS
Band38	20MHz	QPSK	37850	50RB#50	22.98	23.53	33.00	PASS
Band38	20MHz	QPSK	37850	50RB#0	22.87	23.42	33.00	PASS
Band38	20MHz	QPSK	37850	50RB#25	22.91	23.46	33.00	PASS
Band38	20MHz	QPSK	37850	100RB#0	23.02	23.57	33.00	PASS
Band38	20MHz	QPSK	38000	1RB#99	23.80	24.35	33.00	PASS
Band38	20MHz	QPSK	38000	1RB#49	24.01	24.56	33.00	PASS
Band38	20MHz	QPSK	38000	1RB#0	23.63	24.18	33.00	PASS
Band38	20MHz	QPSK	38000	50RB#50	22.98	23.53	33.00	PASS
Band38	20MHz	QPSK	38000	50RB#25	22.90	23.45	33.00	PASS
Band38	20MHz	QPSK	38000	50RB#0	22.88	23.43	33.00	PASS
Band38	20MHz	QPSK	38000	100RB#0	22.98	23.53	33.00	PASS
Band38	20MHz	QPSK	38150	1RB#99	23.70	24.25	33.00	PASS
Band38	20MHz	QPSK	38150	1RB#49	23.88	24.43	33.00	PASS
Band38	20MHz	QPSK	38150	1RB#0	23.51	24.06	33.00	PASS
Band38	20MHz	QPSK	38150	50RB#0	22.87	23.42	33.00	PASS
Band38	20MHz	QPSK	38150	50RB#50	22.97	23.52	33.00	PASS
Band38	20MHz	QPSK	38150	50RB#25	22.86	23.41	33.00	PASS
Band38	20MHz	QPSK	38150	100RB#0	22.86	23.41	33.00	PASS
Band38	20MHz	64QAM	37850	1RB#0	21.34	21.89	33.00	PASS
Band38	20MHz	64QAM	37850	1RB#49	21.78	22.33	33.00	PASS
Band38	20MHz	64QAM	37850	1RB#99	21.28	21.83	33.00	PASS
Band38	20MHz	64QAM	37850	50RB#50	21.05	21.6	33.00	PASS
Band38	20MHz	64QAM	37850	50RB#0	21.01	21.56	33.00	PASS
Band38	20MHz	64QAM	37850	50RB#25	21.00	21.55	33.00	PASS
Band38	20MHz	64QAM	37850	100RB#0	21.08	21.63	33.00	PASS
Band38	20MHz	64QAM	38000	1RB#99	21.40	21.95	33.00	PASS
Band38	20MHz	64QAM	38000	1RB#49	21.67	22.22	33.00	PASS
Band38	20MHz	64QAM	38000	1RB#0	21.27	21.82	33.00	PASS
Band38	20MHz	64QAM	38000	50RB#50	21.07	21.62	33.00	PASS
Band38	20MHz	64QAM	38000	50RB#25	21.08	21.63	33.00	PASS
Band38	20MHz	64QAM	38000	50RB#0	20.96	21.51	33.00	PASS
Band38	20MHz	64QAM	38000	100RB#0	20.99	21.54	33.00	PASS





Band38	20MHz	64QAM	38150	1RB#99	21.39	21.94	33.00	PASS
Band38	20MHz	64QAM	38150	1RB#49	21.68	22.23	33.00	PASS
Band38	20MHz	64QAM	38150	1RB#0	21.14	21.69	33.00	PASS
Band38	20MHz	64QAM	38150	50RB#0	21.02	21.57	33.00	PASS
Band38	20MHz	64QAM	38150	50RB#50	21.00	21.55	33.00	PASS
Band38	20MHz	64QAM	38150	50RB#25	20.93	21.48	33.00	PASS
Band38	20MHz	64QAM	38150	100RB#0	20.99	21.54	33.00	PASS
Band38	20MHz	16QAM	37850	1RB#99	22.78	23.33	33.00	PASS
Band38	20MHz	16QAM	37850	1RB#49	23.05	23.6	33.00	PASS
Band38	20MHz	16QAM	37850	1RB#0	22.73	23.28	33.00	PASS
Band38	20MHz	16QAM	37850	50RB#25	21.98	22.53	33.00	PASS
Band38	20MHz	16QAM	37850	50RB#50	21.95	22.5	33.00	PASS
Band38	20MHz	16QAM	37850	50RB#0	22.00	22.55	33.00	PASS
Band38	20MHz	16QAM	37850	100RB#0	21.94	22.49	33.00	PASS
Band38	20MHz	16QAM	38000	1RB#0	22.86	23.41	33.00	PASS
Band38	20MHz	16QAM	38000	1RB#49	23.04	23.59	33.00	PASS
Band38	20MHz	16QAM	38000	1RB#99	22.66	23.21	33.00	PASS
Band38	20MHz	16QAM	38000	50RB#50	22.03	22.58	33.00	PASS
Band38	20MHz	16QAM	38000	50RB#25	22.03	22.58	33.00	PASS
Band38	20MHz	16QAM	38000	50RB#0	21.96	22.51	33.00	PASS
Band38	20MHz	16QAM	38000	100RB#0	21.99	22.54	33.00	PASS
Band38	20MHz	16QAM	38150	1RB#99	22.79	23.34	33.00	PASS
Band38	20MHz	16QAM	38150	1RB#0	23.00	23.55	33.00	PASS
Band38	20MHz	16QAM	38150	1RB#49	22.57	23.12	33.00	PASS
Band38	20MHz	16QAM	38150	50RB#0	21.95	22.5	33.00	PASS
Band38	20MHz	16QAM	38150	50RB#25	22.05	22.6	33.00	PASS
Band38	20MHz	16QAM	38150	50RB#50	21.88	22.43	33.00	PASS
Band38	20MHz	16QAM	38150	100RB#0	21.91	22.46	33.00	PASS



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For ANT2:

Band	Bandwidth	Modulation	Channel	RB Configuration	Conducted Power(dBm)	EIRP (dBm)	Limit (dBm)	Verdict
Band38	5MHz	QPSK	37775	1RB#12	23.73	23.04	33.00	PASS
Band38	5MHz	QPSK	37775	1RB#0	23.87	23.18	33.00	PASS
Band38	5MHz	QPSK	37775	1RB#24	23.72	23.03	33.00	PASS
Band38	5MHz	QPSK	37775	12RB#13	22.89	22.2	33.00	PASS
Band38	5MHz	QPSK	37775	12RB#6	22.92	22.23	33.00	PASS
Band38	5MHz	QPSK	37775	12RB#0	22.89	22.2	33.00	PASS
Band38	5MHz	QPSK	37775	25RB#0	22.82	22.13	33.00	PASS
Band38	5MHz	QPSK	38000	1RB#12	23.82	23.13	33.00	PASS
Band38	5MHz	QPSK	38000	1RB#0	23.84	23.15	33.00	PASS
Band38	5MHz	QPSK	38000	1RB#24	23.64	22.95	33.00	PASS
Band38	5MHz	QPSK	38000	12RB#0	22.87	22.18	33.00	PASS
Band38	5MHz	QPSK	38000	12RB#6	22.92	22.23	33.00	PASS
Band38	5MHz	QPSK	38000	12RB#13	22.82	22.13	33.00	PASS
Band38	5MHz	QPSK	38000	25RB#0	22.79	22.1	33.00	PASS
Band38	5MHz	QPSK	38225	1RB#12	23.62	22.93	33.00	PASS
Band38	5MHz	QPSK	38225	1RB#24	23.80	23.11	33.00	PASS
Band38	5MHz	QPSK	38225	1RB#0	23.56	22.87	33.00	PASS
Band38	5MHz	QPSK	38225	12RB#0	22.77	22.08	33.00	PASS
Band38	5MHz	QPSK	38225	12RB#6	22.85	22.16	33.00	PASS
Band38	5MHz	QPSK	38225	12RB#13	22.82	22.13	33.00	PASS
Band38	5MHz	QPSK	38225	25RB#0	22.76	22.07	33.00	PASS
Band38	5MHz	64QAM	37775	1RB#12	21.83	21.14	33.00	PASS
Band38	5MHz	64QAM	37775	1RB#0	21.97	21.28	33.00	PASS
Band38	5MHz	64QAM	37775	1RB#24	21.71	21.02	33.00	PASS
Band38	5MHz	64QAM	37775	12RB#13	20.79	20.1	33.00	PASS
Band38	5MHz	64QAM	37775	12RB#6	20.80	20.11	33.00	PASS
Band38	5MHz	64QAM	37775	12RB#0	20.83	20.14	33.00	PASS
Band38	5MHz	64QAM	37775	25RB#0	20.79	20.1	33.00	PASS
Band38	5MHz	64QAM	38000	1RB#12	21.81	21.12	33.00	PASS
Band38	5MHz	64QAM	38000	1RB#0	21.94	21.25	33.00	PASS
Band38	5MHz	64QAM	38000	1RB#24	21.71	21.02	33.00	PASS



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Band38	5MHz	64QAM	38000	12RB#0	20.86	20.17	33.00	PASS
Band38	5MHz	64QAM	38000	12RB#6	20.84	20.15	33.00	PASS
Band38	5MHz	64QAM	38000	12RB#13	20.77	20.08	33.00	PASS
Band38	5MHz	64QAM	38000	25RB#0	20.87	20.18	33.00	PASS
Band38	5MHz	64QAM	38225	1RB#12	21.76	21.07	33.00	PASS
Band38	5MHz	64QAM	38225	1RB#24	21.83	21.14	33.00	PASS
Band38	5MHz	64QAM	38225	1RB#0	21.71	21.02	33.00	PASS
Band38	5MHz	64QAM	38225	12RB#0	20.66	19.97	33.00	PASS
Band38	5MHz	64QAM	38225	12RB#6	20.76	20.07	33.00	PASS
Band38	5MHz	64QAM	38225	12RB#13	20.68	19.99	33.00	PASS
Band38	5MHz	64QAM	38225	25RB#0	20.71	20.02	33.00	PASS
Band38	5MHz	16QAM	37775	1RB#24	22.84	22.15	33.00	PASS
Band38	5MHz	16QAM	37775	1RB#0	22.96	22.27	33.00	PASS
Band38	5MHz	16QAM	37775	1RB#12	22.75	22.06	33.00	PASS
Band38	5MHz	16QAM	37775	12RB#13	21.79	21.1	33.00	PASS
Band38	5MHz	16QAM	37775	12RB#6	21.78	21.09	33.00	PASS
Band38	5MHz	16QAM	37775	12RB#0	21.80	21.11	33.00	PASS
Band38	5MHz	16QAM	37775	25RB#0	21.84	21.15	33.00	PASS
Band38	5MHz	16QAM	38000	1RB#12	22.86	22.17	33.00	PASS
Band38	5MHz	16QAM	38000	1RB#0	22.95	22.26	33.00	PASS
Band38	5MHz	16QAM	38000	1RB#24	22.76	22.07	33.00	PASS
Band38	5MHz	16QAM	38000	12RB#0	21.83	21.14	33.00	PASS
Band38	5MHz	16QAM	38000	12RB#6	21.86	21.17	33.00	PASS
Band38	5MHz	16QAM	38000	12RB#13	21.78	21.09	33.00	PASS
Band38	5MHz	16QAM	38000	25RB#0	21.87	21.18	33.00	PASS
Band38	5MHz	16QAM	38225	1RB#12	22.77	22.08	33.00	PASS
Band38	5MHz	16QAM	38225	1RB#0	22.86	22.17	33.00	PASS
Band38	5MHz	16QAM	38225	1RB#24	22.69	22	33.00	PASS
Band38	5MHz	16QAM	38225	12RB#6	21.69	21	33.00	PASS
Band38	5MHz	16QAM	38225	12RB#13	21.76	21.07	33.00	PASS
Band38	5MHz	16QAM	38225	12RB#0	21.68	20.99	33.00	PASS
Band38	5MHz	16QAM	38225	25RB#0	21.73	21.04	33.00	PASS
Band38	10MHz	QPSK	37800	1RB#24	23.85	23.16	33.00	PASS



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Band38	10MHz	QPSK	37800	1RB#49	23.69	23	33.00	PASS
Band38	10MHz	QPSK	37800	1RB#0	23.86	23.17	33.00	PASS
Band38	10MHz	QPSK	37800	25RB#0	22.92	22.23	33.00	PASS
Band38	10MHz	QPSK	37800	25RB#12	22.85	22.16	33.00	PASS
Band38	10MHz	QPSK	37800	25RB#25	22.86	22.17	33.00	PASS
Band38	10MHz	QPSK	37800	50RB#0	22.83	22.14	33.00	PASS
Band38	10MHz	QPSK	38000	1RB#0	23.94	23.25	33.00	PASS
Band38	10MHz	QPSK	38000	1RB#49	23.79	23.1	33.00	PASS
Band38	10MHz	QPSK	38000	1RB#24	23.89	23.2	33.00	PASS
Band38	10MHz	QPSK	38000	25RB#12	22.90	22.21	33.00	PASS
Band38	10MHz	QPSK	38000	25RB#25	22.95	22.26	33.00	PASS
Band38	10MHz	QPSK	38000	25RB#0	22.84	22.15	33.00	PASS
Band38	10MHz	QPSK	38000	50RB#0	22.88	22.19	33.00	PASS
Band38	10MHz	QPSK	38200	1RB#24	23.85	23.16	33.00	PASS
Band38	10MHz	QPSK	38200	1RB#49	23.66	22.97	33.00	PASS
Band38	10MHz	QPSK	38200	1RB#0	23.69	23	33.00	PASS
Band38	10MHz	QPSK	38200	25RB#25	22.81	22.12	33.00	PASS
Band38	10MHz	QPSK	38200	25RB#0	22.81	22.12	33.00	PASS
Band38	10MHz	QPSK	38200	25RB#12	22.81	22.12	33.00	PASS
Band38	10MHz	QPSK	38200	50RB#0	22.78	22.09	33.00	PASS
Band38	10MHz	64QAM	37800	1RB#24	21.84	21.15	33.00	PASS
Band38	10MHz	64QAM	37800	1RB#49	21.84	21.15	33.00	PASS
Band38	10MHz	64QAM	37800	1RB#0	21.89	21.2	33.00	PASS
Band38	10MHz	64QAM	37800	25RB#0	20.96	20.27	33.00	PASS
Band38	10MHz	64QAM	37800	25RB#12	20.85	20.16	33.00	PASS
Band38	10MHz	64QAM	37800	25RB#25	20.86	20.17	33.00	PASS
Band38	10MHz	64QAM	37800	50RB#0	20.92	20.23	33.00	PASS
Band38	10MHz	64QAM	38000	1RB#0	21.96	21.27	33.00	PASS
Band38	10MHz	64QAM	38000	1RB#49	21.88	21.19	33.00	PASS
Band38	10MHz	64QAM	38000	1RB#24	21.92	21.23	33.00	PASS
Band38	10MHz	64QAM	38000	25RB#12	20.93	20.24	33.00	PASS
Band38	10MHz	64QAM	38000	25RB#25	20.97	20.28	33.00	PASS
Band38	10MHz	64QAM	38000	25RB#0	20.87	20.18	33.00	PASS



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Band38	10MHz	64QAM	38000	50RB#0	20.98	20.29	33.00	PASS
Band38	10MHz	64QAM	38200	1RB#24	21.94	21.25	33.00	PASS
Band38	10MHz	64QAM	38200	1RB#49	21.70	21.01	33.00	PASS
Band38	10MHz	64QAM	38200	1RB#0	21.81	21.12	33.00	PASS
Band38	10MHz	64QAM	38200	25RB#25	20.81	20.12	33.00	PASS
Band38	10MHz	64QAM	38200	25RB#0	20.73	20.04	33.00	PASS
Band38	10MHz	64QAM	38200	25RB#12	20.72	20.03	33.00	PASS
Band38	10MHz	64QAM	38200	50RB#0	20.84	20.15	33.00	PASS
Band38	10MHz	16QAM	37800	1RB#24	22.81	22.12	33.00	PASS
Band38	10MHz	16QAM	37800	1RB#0	22.80	22.11	33.00	PASS
Band38	10MHz	16QAM	37800	1RB#49	22.86	22.17	33.00	PASS
Band38	10MHz	16QAM	37800	25RB#25	21.92	21.23	33.00	PASS
Band38	10MHz	16QAM	37800	25RB#12	21.83	21.14	33.00	PASS
Band38	10MHz	16QAM	37800	25RB#0	21.89	21.2	33.00	PASS
Band38	10MHz	16QAM	37800	50RB#0	21.89	21.2	33.00	PASS
Band38	10MHz	16QAM	38000	1RB#49	23.02	22.33	33.00	PASS
Band38	10MHz	16QAM	38000	1RB#0	22.85	22.16	33.00	PASS
Band38	10MHz	16QAM	38000	1RB#24	22.88	22.19	33.00	PASS
Band38	10MHz	16QAM	38000	25RB#25	21.93	21.24	33.00	PASS
Band38	10MHz	16QAM	38000	25RB#0	21.93	21.24	33.00	PASS
Band38	10MHz	16QAM	38000	25RB#12	21.85	21.16	33.00	PASS
Band38	10MHz	16QAM	38000	50RB#0	22.03	21.34	33.00	PASS
Band38	10MHz	16QAM	38200	1RB#0	22.78	22.09	33.00	PASS
Band38	10MHz	16QAM	38200	1RB#24	22.91	22.22	33.00	PASS
Band38	10MHz	16QAM	38200	1RB#49	22.76	22.07	33.00	PASS
Band38	10MHz	16QAM	38200	25RB#12	22.80	22.11	33.00	PASS
Band38	10MHz	16QAM	38200	25RB#25	21.85	21.16	33.00	PASS
Band38	10MHz	16QAM	38200	25RB#0	21.77	21.08	33.00	PASS
Band38	10MHz	16QAM	38200	50RB#0	21.78	21.09	33.00	PASS
Band38	15MHz	QPSK	37825	1RB#38	23.73	23.04	33.00	PASS
Band38	15MHz	QPSK	37825	1RB#74	23.78	23.09	33.00	PASS
Band38	15MHz	QPSK	37825	1RB#0	23.73	23.04	33.00	PASS
Band38	15MHz	QPSK	37825	36RB#39	22.94	22.25	33.00	PASS



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Band38	15MHz	QPSK	37825	36RB#18	22.87	22.18	33.00	PASS
Band38	15MHz	QPSK	37825	36RB#0	22.83	22.14	33.00	PASS
Band38	15MHz	QPSK	37825	75RB#0	22.82	22.13	33.00	PASS
Band38	15MHz	QPSK	38000	1RB#0	23.79	23.1	33.00	PASS
Band38	15MHz	QPSK	38000	1RB#38	23.86	23.17	33.00	PASS
Band38	15MHz	QPSK	38000	1RB#74	23.67	22.98	33.00	PASS
Band38	15MHz	QPSK	38000	36RB#0	22.91	22.22	33.00	PASS
Band38	15MHz	QPSK	38000	36RB#18	22.90	22.21	33.00	PASS
Band38	15MHz	QPSK	38000	36RB#39	22.83	22.14	33.00	PASS
Band38	15MHz	QPSK	38000	75RB#0	22.86	22.17	33.00	PASS
Band38	15MHz	QPSK	38175	1RB#38	23.76	23.07	33.00	PASS
Band38	15MHz	QPSK	38175	1RB#0	23.74	23.05	33.00	PASS
Band38	15MHz	QPSK	38175	1RB#74	23.59	22.9	33.00	PASS
Band38	15MHz	QPSK	38175	36RB#39	22.82	22.13	33.00	PASS
Band38	15MHz	QPSK	38175	36RB#18	22.77	22.08	33.00	PASS
Band38	15MHz	QPSK	38175	36RB#0	22.74	22.05	33.00	PASS
Band38	15MHz	QPSK	38175	75RB#0	22.75	22.06	33.00	PASS
Band38	15MHz	64QAM	37825	1RB#38	21.75	21.06	33.00	PASS
Band38	15MHz	64QAM	37825	1RB#74	21.83	21.14	33.00	PASS
Band38	15MHz	64QAM	37825	1RB#0	21.81	21.12	33.00	PASS
Band38	15MHz	64QAM	37825	36RB#39	20.83	20.14	33.00	PASS
Band38	15MHz	64QAM	37825	36RB#18	20.74	20.05	33.00	PASS
Band38	15MHz	64QAM	37825	36RB#0	20.82	20.13	33.00	PASS
Band38	15MHz	64QAM	37825	75RB#0	20.86	20.17	33.00	PASS
Band38	15MHz	64QAM	38000	1RB#0	21.90	21.21	33.00	PASS
Band38	15MHz	64QAM	38000	1RB#38	21.93	21.24	33.00	PASS
Band38	15MHz	64QAM	38000	1RB#74	21.73	21.04	33.00	PASS
Band38	15MHz	64QAM	38000	36RB#0	20.85	20.16	33.00	PASS
Band38	15MHz	64QAM	38000	36RB#18	20.78	20.09	33.00	PASS
Band38	15MHz	64QAM	38000	36RB#39	20.77	20.08	33.00	PASS
Band38	15MHz	64QAM	38000	75RB#0	20.87	20.18	33.00	PASS
Band38	15MHz	64QAM	38175	1RB#38	21.78	21.09	33.00	PASS
Band38	15MHz	64QAM	38175	1RB#0	21.79	21.1	33.00	PASS



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Band38	15MHz	64QAM	38175	1RB#74	21.70	21.01	33.00	PASS
Band38	15MHz	64QAM	38175	36RB#39	20.74	20.05	33.00	PASS
Band38	15MHz	64QAM	38175	36RB#18	20.76	20.07	33.00	PASS
Band38	15MHz	64QAM	38175	36RB#0	20.66	19.97	33.00	PASS
Band38	15MHz	64QAM	38175	75RB#0	20.82	20.13	33.00	PASS
Band38	15MHz	16QAM	37825	1RB#0	22.80	22.11	33.00	PASS
Band38	15MHz	16QAM	37825	1RB#38	22.84	22.15	33.00	PASS
Band38	15MHz	16QAM	37825	1RB#74	22.80	22.11	33.00	PASS
Band38	15MHz	16QAM	37825	36RB#39	21.84	21.15	33.00	PASS
Band38	15MHz	16QAM	37825	36RB#0	21.77	21.08	33.00	PASS
Band38	15MHz	16QAM	37825	36RB#18	21.85	21.16	33.00	PASS
Band38	15MHz	16QAM	37825	75RB#0	21.88	21.19	33.00	PASS
Band38	15MHz	16QAM	38000	1RB#0	22.89	22.2	33.00	PASS
Band38	15MHz	16QAM	38000	1RB#38	22.92	22.23	33.00	PASS
Band38	15MHz	16QAM	38000	1RB#74	22.77	22.08	33.00	PASS
Band38	15MHz	16QAM	38000	36RB#0	21.90	21.21	33.00	PASS
Band38	15MHz	16QAM	38000	36RB#18	21.80	21.11	33.00	PASS
Band38	15MHz	16QAM	38000	36RB#39	21.77	21.08	33.00	PASS
Band38	15MHz	16QAM	38000	75RB#0	21.92	21.23	33.00	PASS
Band38	15MHz	16QAM	38175	1RB#0	22.83	22.14	33.00	PASS
Band38	15MHz	16QAM	38175	1RB#38	22.79	22.1	33.00	PASS
Band38	15MHz	16QAM	38175	1RB#74	22.69	22	33.00	PASS
Band38	15MHz	16QAM	38175	36RB#0	21.76	21.07	33.00	PASS
Band38	15MHz	16QAM	38175	36RB#18	21.73	21.04	33.00	PASS
Band38	15MHz	16QAM	38175	36RB#39	21.70	21.01	33.00	PASS
Band38	15MHz	16QAM	38175	75RB#0	21.88	21.19	33.00	PASS
Band38	20MHz	QPSK	37850	1RB#0	23.60	22.91	33.00	PASS
Band38	20MHz	QPSK	37850	1RB#49	23.84	23.15	33.00	PASS
Band38	20MHz	QPSK	37850	1RB#99	23.54	22.85	33.00	PASS
Band38	20MHz	QPSK	37850	50RB#50	22.79	22.1	33.00	PASS
Band38	20MHz	QPSK	37850	50RB#0	22.75	22.06	33.00	PASS
Band38	20MHz	QPSK	37850	50RB#25	22.84	22.15	33.00	PASS
Band38	20MHz	QPSK	37850	100RB#0	22.80	22.11	33.00	PASS



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Band38	20MHz	QPSK	38000	1RB#99	23.61	22.92	33.00	PASS
Band38	20MHz	QPSK	38000	1RB#49	23.82	23.13	33.00	PASS
Band38	20MHz	QPSK	38000	1RB#0	23.44	22.75	33.00	PASS
Band38	20MHz	QPSK	38000	50RB#50	22.78	22.09	33.00	PASS
Band38	20MHz	QPSK	38000	50RB#25	22.80	22.11	33.00	PASS
Band38	20MHz	QPSK	38000	50RB#0	22.76	22.07	33.00	PASS
Band38	20MHz	QPSK	38000	100RB#0	22.74	22.05	33.00	PASS
Band38	20MHz	QPSK	38150	1RB#99	23.61	22.92	33.00	PASS
Band38	20MHz	QPSK	38150	1RB#49	23.77	23.08	33.00	PASS
Band38	20MHz	QPSK	38150	1RB#0	23.42	22.73	33.00	PASS
Band38	20MHz	QPSK	38150	50RB#0	22.80	22.11	33.00	PASS
Band38	20MHz	QPSK	38150	50RB#50	22.73	22.04	33.00	PASS
Band38	20MHz	QPSK	38150	50RB#25	22.79	22.1	33.00	PASS
Band38	20MHz	QPSK	38150	100RB#0	22.75	22.06	33.00	PASS
Band38	20MHz	64QAM	37850	1RB#0	21.27	20.58	33.00	PASS
Band38	20MHz	64QAM	37850	1RB#49	21.64	20.95	33.00	PASS
Band38	20MHz	64QAM	37850	1RB#99	21.18	20.49	33.00	PASS
Band38	20MHz	64QAM	37850	50RB#50	20.94	20.25	33.00	PASS
Band38	20MHz	64QAM	37850	50RB#0	20.92	20.23	33.00	PASS
Band38	20MHz	64QAM	37850	50RB#25	20.93	20.24	33.00	PASS
Band38	20MHz	64QAM	37850	100RB#0	20.97	20.28	33.00	PASS
Band38	20MHz	64QAM	38000	1RB#99	21.40	20.71	33.00	PASS
Band38	20MHz	64QAM	38000	1RB#49	21.64	20.95	33.00	PASS
Band38	20MHz	64QAM	38000	1RB#0	21.15	20.46	33.00	PASS
Band38	20MHz	64QAM	38000	50RB#50	20.99	20.3	33.00	PASS
Band38	20MHz	64QAM	38000	50RB#25	20.97	20.28	33.00	PASS
Band38	20MHz	64QAM	38000	50RB#0	20.94	20.25	33.00	PASS
Band38	20MHz	64QAM	38000	100RB#0	20.92	20.23	33.00	PASS
Band38	20MHz	64QAM	38150	1RB#99	21.30	20.61	33.00	PASS
Band38	20MHz	64QAM	38150	1RB#49	21.48	20.79	33.00	PASS
Band38	20MHz	64QAM	38150	1RB#0	21.05	20.36	33.00	PASS
Band38	20MHz	64QAM	38150	50RB#0	20.95	20.26	33.00	PASS
Band38	20MHz	64QAM	38150	50RB#50	20.91	20.22	33.00	PASS



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Band38	20MHz	64QAM	38150	50RB#25	20.91	20.22	33.00	PASS
Band38	20MHz	64QAM	38150	100RB#0	20.95	20.26	33.00	PASS
Band38	20MHz	16QAM	37850	1RB#99	22.64	21.95	33.00	PASS
Band38	20MHz	16QAM	37850	1RB#49	22.93	22.24	33.00	PASS
Band38	20MHz	16QAM	37850	1RB#0	22.62	21.93	33.00	PASS
Band38	20MHz	16QAM	37850	50RB#25	21.95	21.26	33.00	PASS
Band38	20MHz	16QAM	37850	50RB#50	21.91	21.22	33.00	PASS
Band38	20MHz	16QAM	37850	50RB#0	21.90	21.21	33.00	PASS
Band38	20MHz	16QAM	37850	100RB#0	21.92	21.23	33.00	PASS
Band38	20MHz	16QAM	38000	1RB#0	22.69	22	33.00	PASS
Band38	20MHz	16QAM	38000	1RB#49	22.90	22.21	33.00	PASS
Band38	20MHz	16QAM	38000	1RB#99	22.52	21.83	33.00	PASS
Band38	20MHz	16QAM	38000	50RB#50	21.86	21.17	33.00	PASS
Band38	20MHz	16QAM	38000	50RB#25	21.88	21.19	33.00	PASS
Band38	20MHz	16QAM	38000	50RB#0	21.83	21.14	33.00	PASS
Band38	20MHz	16QAM	38000	100RB#0	21.80	21.11	33.00	PASS
Band38	20MHz	16QAM	38150	1RB#99	22.71	22.02	33.00	PASS
Band38	20MHz	16QAM	38150	1RB#0	22.88	22.19	33.00	PASS
Band38	20MHz	16QAM	38150	1RB#49	22.51	21.82	33.00	PASS
Band38	20MHz	16QAM	38150	50RB#0	21.93	21.24	33.00	PASS
Band38	20MHz	16QAM	38150	50RB#25	21.89	21.2	33.00	PASS
Band38	20MHz	16QAM	38150	50RB#50	21.83	21.14	33.00	PASS
Band38	20MHz	16QAM	38150	100RB#0	21.87	21.18	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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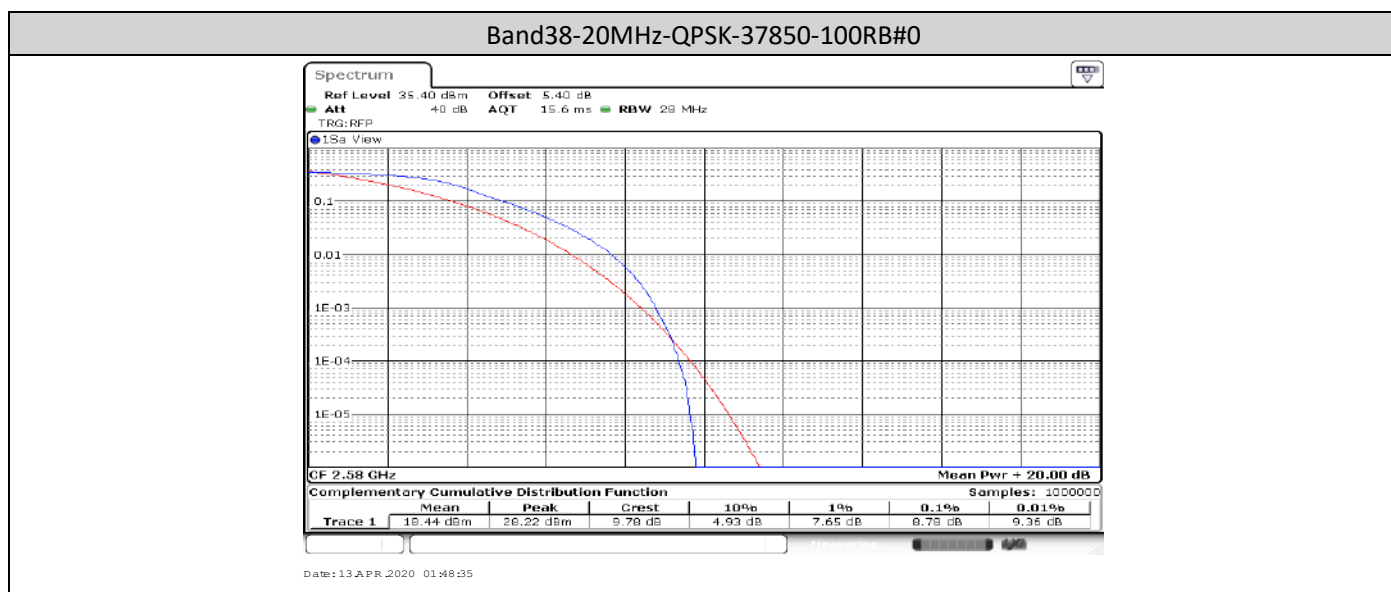


2. Peak-to-Average Ratio (CCDF)

2.1. Test Result

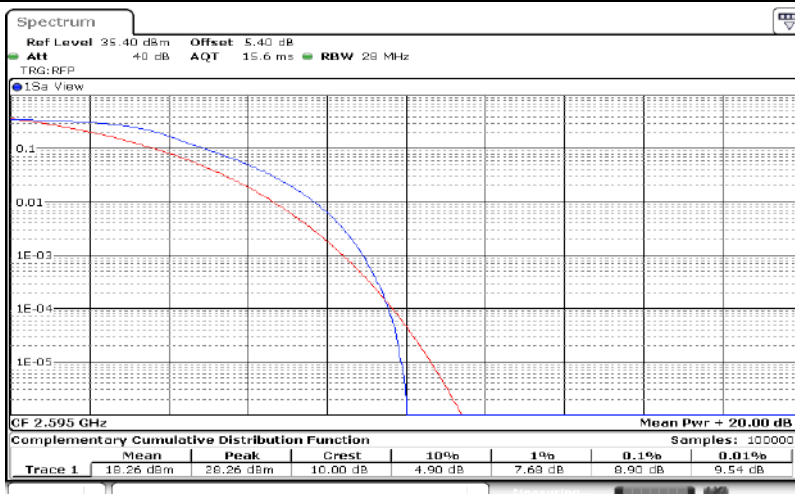
Band	Bandwidth	Modulation	Channel	RB Configuration	Result(dB)	Limit(dB)	Verdict
Band38	20MHz	QPSK	37850	100RB#0	8.78	13	PASS
Band38	20MHz	QPSK	38000	100RB#0	8.90	13	PASS
Band38	20MHz	QPSK	38150	100RB#0	9.04	13	PASS
Band38	20MHz	64QAM	37850	100RB#0	10.29	13	PASS
Band38	20MHz	64QAM	38000	100RB#0	6.61	13	PASS
Band38	20MHz	64QAM	38150	100RB#0	6.64	13	PASS
Band38	20MHz	16QAM	37850	100RB#0	9.54	13	PASS
Band38	20MHz	16QAM	38000	100RB#0	9.65	13	PASS
Band38	20MHz	16QAM	38150	100RB#0	9.74	13	PASS

2.2. Test Plots



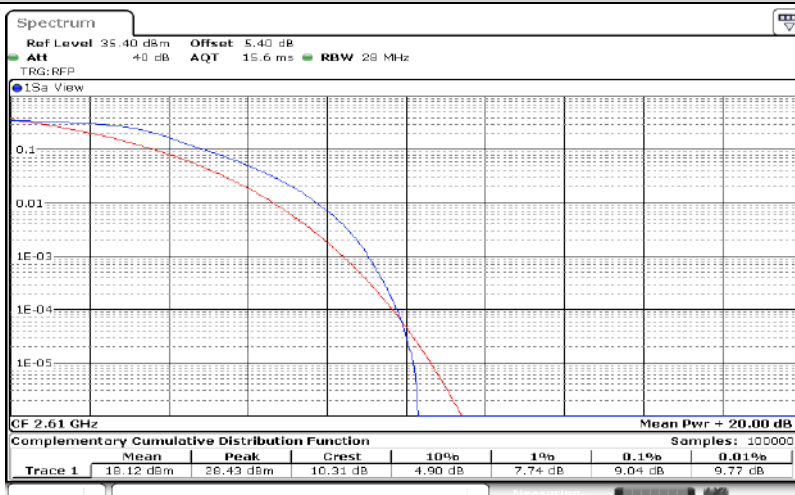


Band38-20MHz-QPSK-38000-100RB#0



Date: 13 APR 2020 01:49:06

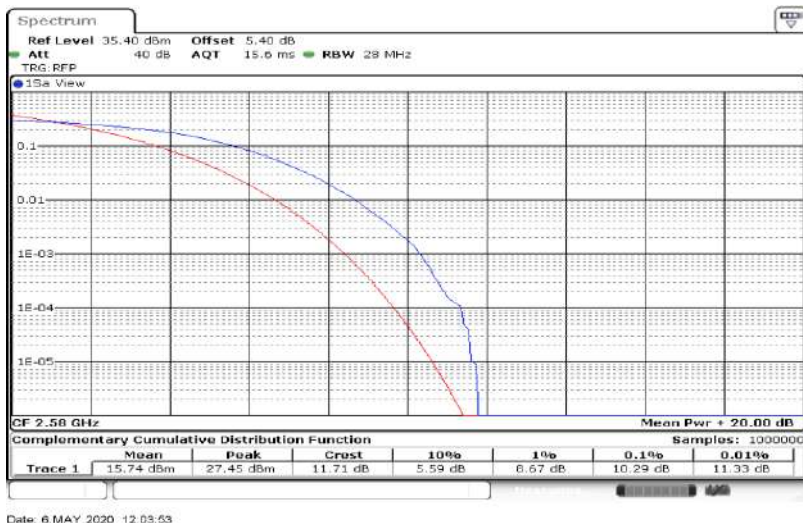
Band38-20MHz-QPSK-38150-100RB#0



Date: 13 APR 2020 01:49:35

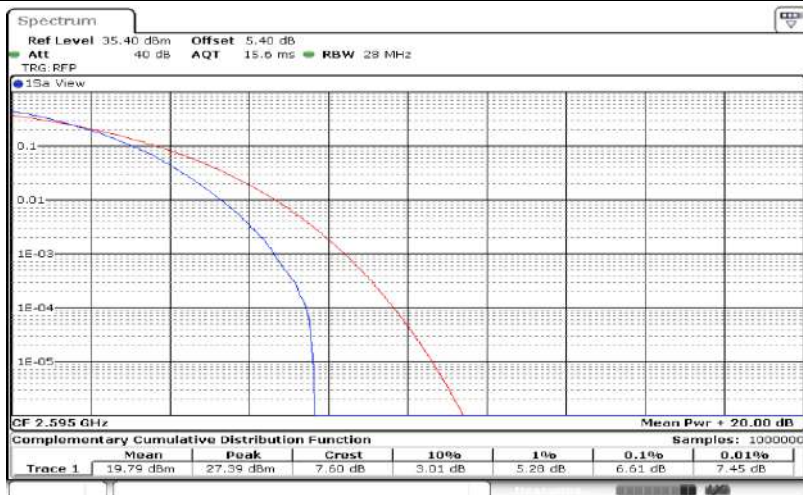


Band38-20MHz-64QAM-37850-100RB#0



Date: 6 MAY 2020 12:03:53

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



Date: 6 MAY 2020 12:04:08



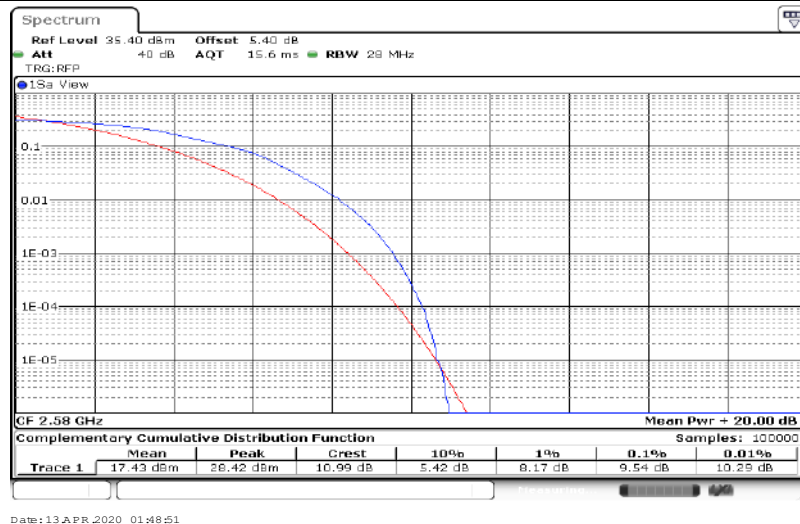
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Band38-20MHz-64QAM-38150-100RB#0

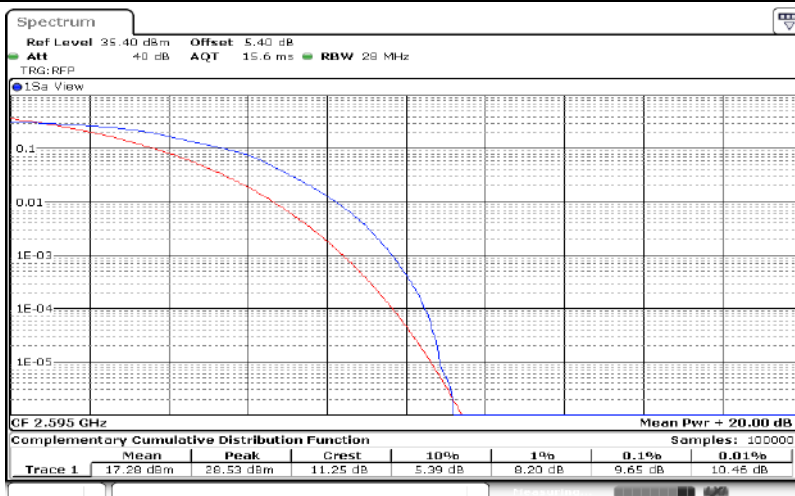


Band38-20MHz-16QAM-37850-100RB#0



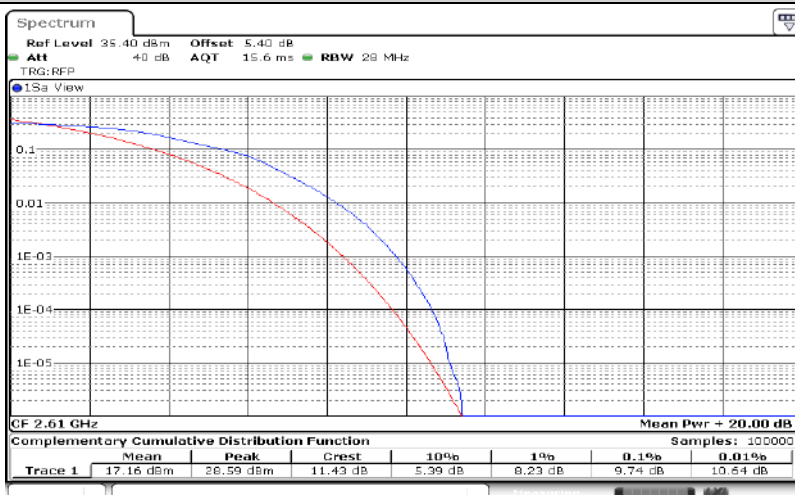


Band38-20MHz-16QAM-38000-100RB#0



Date: 13 APR 2020 01:49:20

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



Date: 13 APR 2020 01:49:51

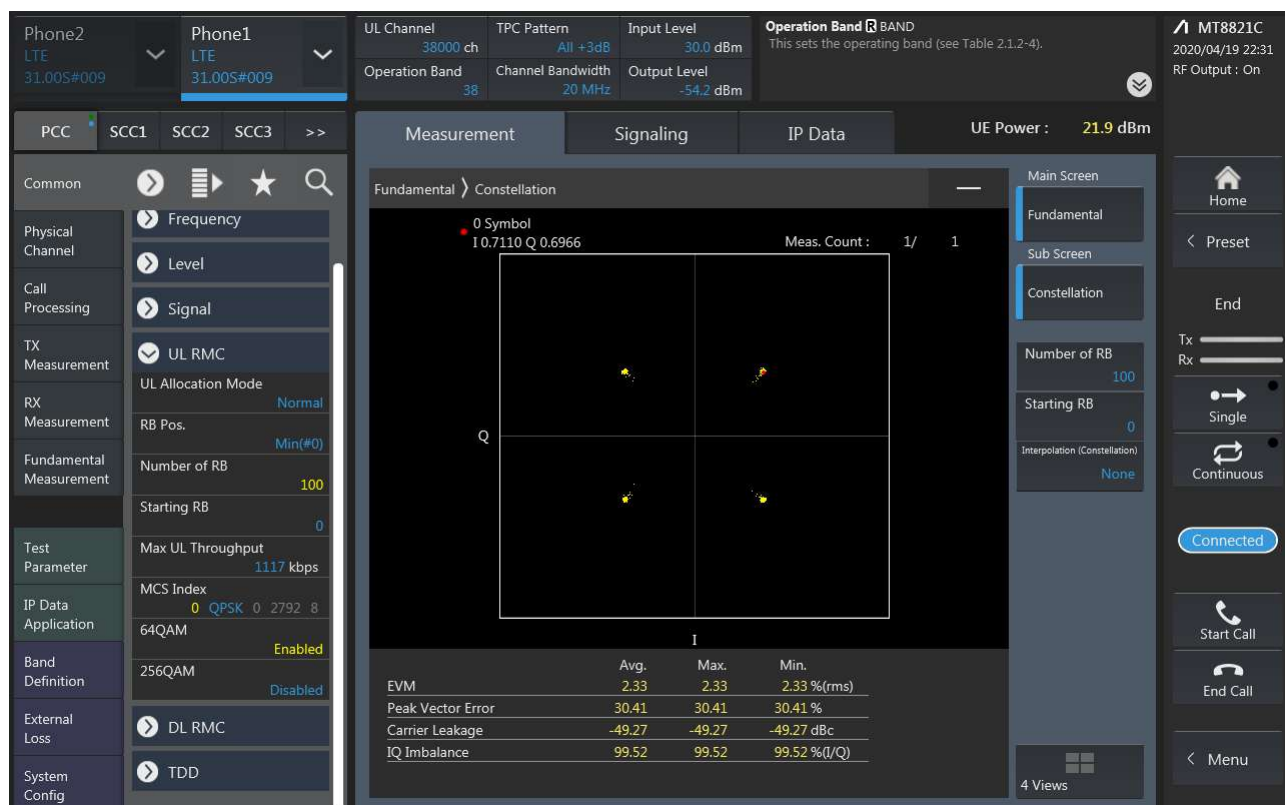




3. Modulation Characteristics

3.1. Test Mode = LTE /TM1 20MHz

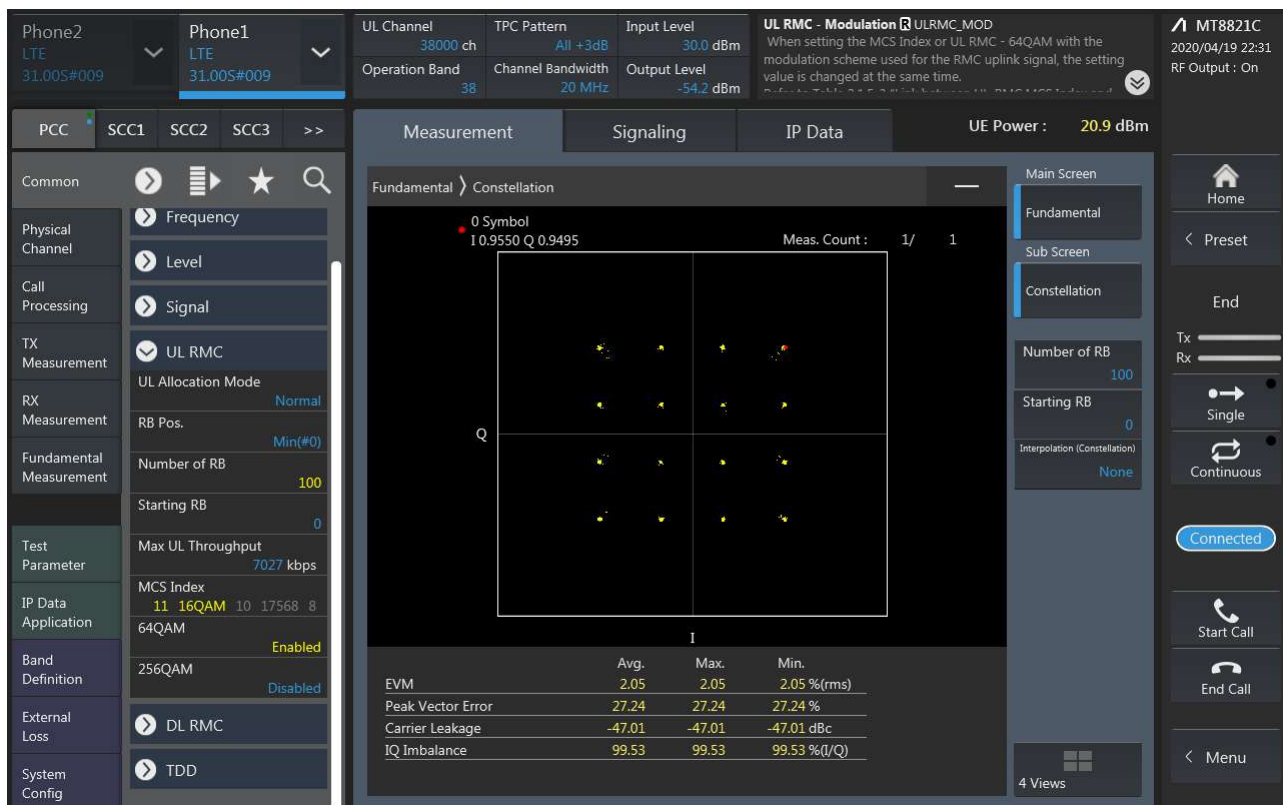
3.1.1. Test Channel = MCH





3.2. Test Mode = LTE /TM2 20MHz

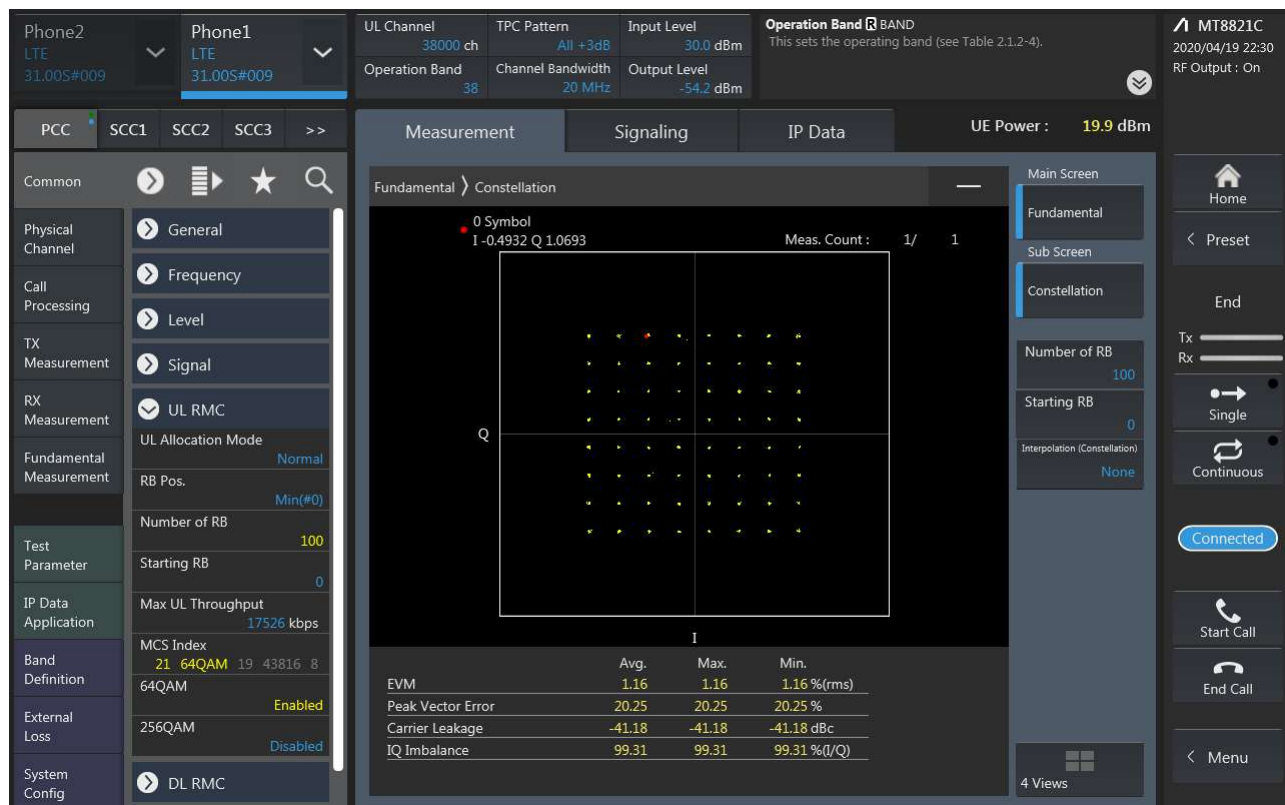
3.2.1. Test Channel = MCH





3.3. Test Mode = LTE /TM3 20MHz

3.3.1. Test Channel = MCH





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	4.486	4.710	PASS
Band38	5MHz	QPSK	38000	25RB#0	4.476	4.710	PASS
Band38	5MHz	QPSK	38225	25RB#0	4.466	4.690	PASS
Band38	5MHz	64QAM	37775	25RB#0	4.456	4.720	PASS
Band38	5MHz	64QAM	38000	25RB#0	4.476	4.730	PASS
Band38	5MHz	64QAM	38225	25RB#0	4.446	4.750	PASS
Band38	5MHz	16QAM	37775	25RB#0	4.496	4.730	PASS
Band38	5MHz	16QAM	38000	25RB#0	4.496	4.740	PASS
Band38	5MHz	16QAM	38225	25RB#0	4.486	4.760	PASS
Band38	10MHz	QPSK	37800	50RB#0	8.951	9.300	PASS
Band38	10MHz	QPSK	38000	50RB#0	8.871	9.280	PASS
Band38	10MHz	QPSK	38200	50RB#0	8.911	9.740	PASS
Band38	10MHz	64QAM	37800	50RB#0	8.931	9.240	PASS
Band38	10MHz	64QAM	38000	50RB#0	8.951	9.220	PASS
Band38	10MHz	64QAM	38200	50RB#0	8.991	9.420	PASS
Band38	10MHz	16QAM	37800	50RB#0	8.951	9.480	PASS
Band38	10MHz	16QAM	38000	50RB#0	8.911	9.260	PASS
Band38	10MHz	16QAM	38200	50RB#0	9.011	9.320	PASS
Band38	15MHz	QPSK	37825	75RB#0	13.636	14.400	PASS
Band38	15MHz	QPSK	38000	75RB#0	13.576	14.730	PASS
Band38	15MHz	QPSK	38175	75RB#0	13.427	15.000	PASS
Band38	15MHz	64QAM	37825	75RB#0	13.397	14.490	PASS
Band38	15MHz	64QAM	38000	75RB#0	13.636	14.250	PASS
Band38	15MHz	64QAM	38175	75RB#0	13.427	14.730	PASS
Band38	15MHz	16QAM	37825	75RB#0	13.576	14.250	PASS
Band38	15MHz	16QAM	38000	75RB#0	13.546	14.610	PASS
Band38	15MHz	16QAM	38175	75RB#0	13.427	14.190	PASS
Band38	20MHz	QPSK	37850	100RB#0	17.822	18.760	PASS
Band38	20MHz	QPSK	38000	100RB#0	17.862	18.760	PASS
Band38	20MHz	QPSK	38150	100RB#0	17.862	18.760	PASS
Band38	20MHz	64QAM	37850	100RB#0	17.982	18.640	PASS



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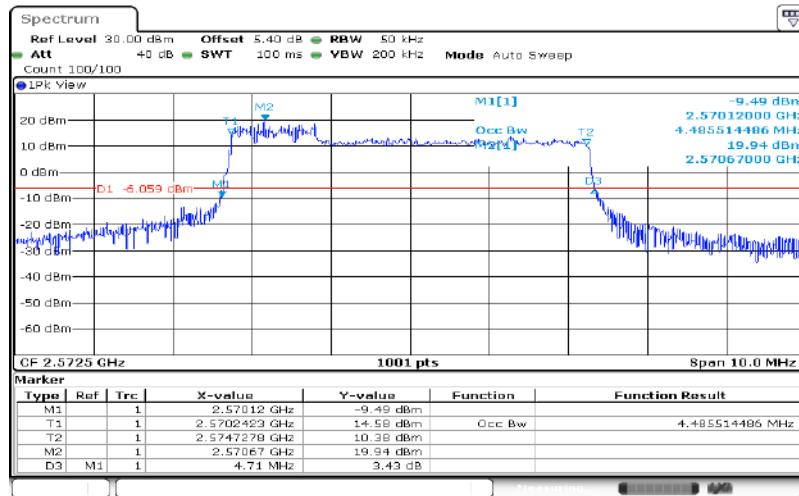
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Band38	20MHz	64QAM	38000	100RB#0	18.102	19.040	PASS
Band38	20MHz	64QAM	38150	100RB#0	17.782	18.640	PASS
Band38	20MHz	16QAM	37850	100RB#0	17.942	19.400	PASS
Band38	20MHz	16QAM	38000	100RB#0	18.062	18.720	PASS
Band38	20MHz	16QAM	38150	100RB#0	18.142	19.360	PASS

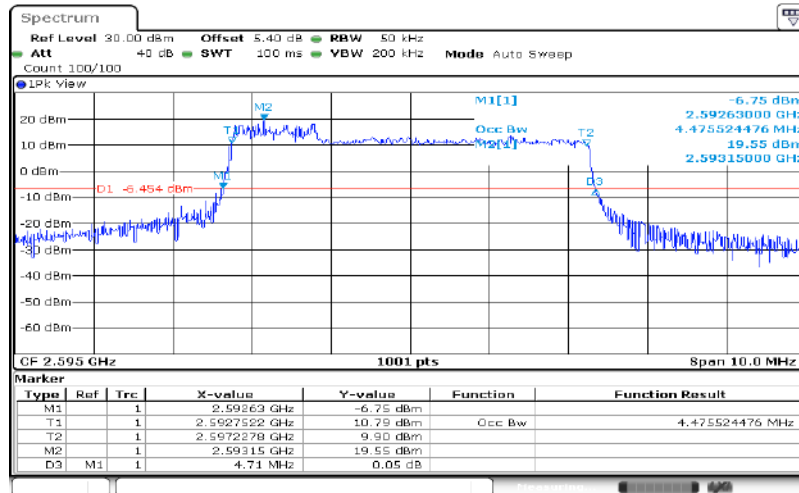
4.2. Test Plots

Band38-5MHz-QPSK-37775-25RB#0-4.486



Date: 13 APR 2020 01:23:51

Band38-5MHz-QPSK-38000-25RB#0-4.476



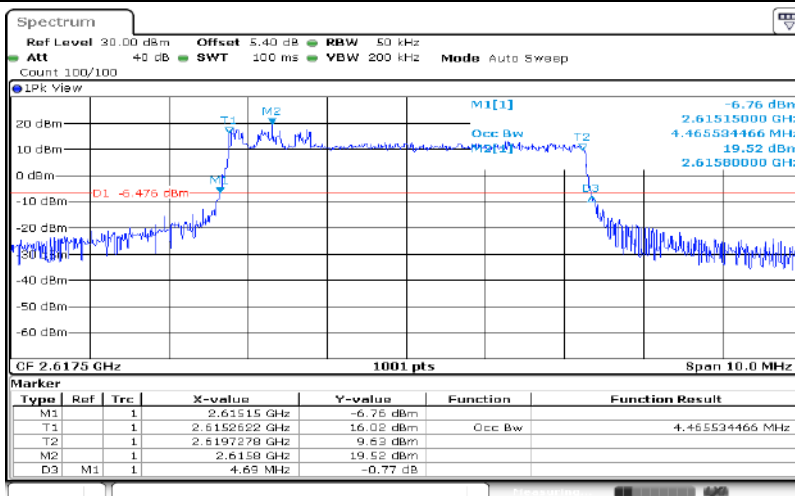
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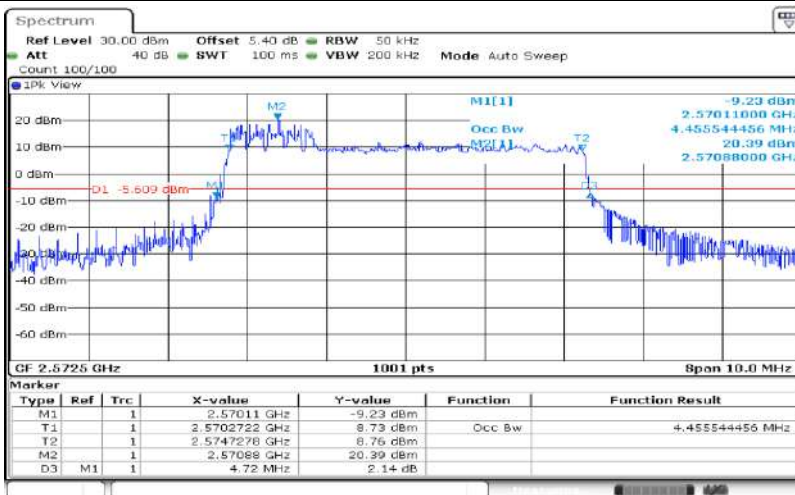
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Band38-5MHz-QPSK-38225-25RB#0-4.466



Date: 13 APR 2020 01:25:21

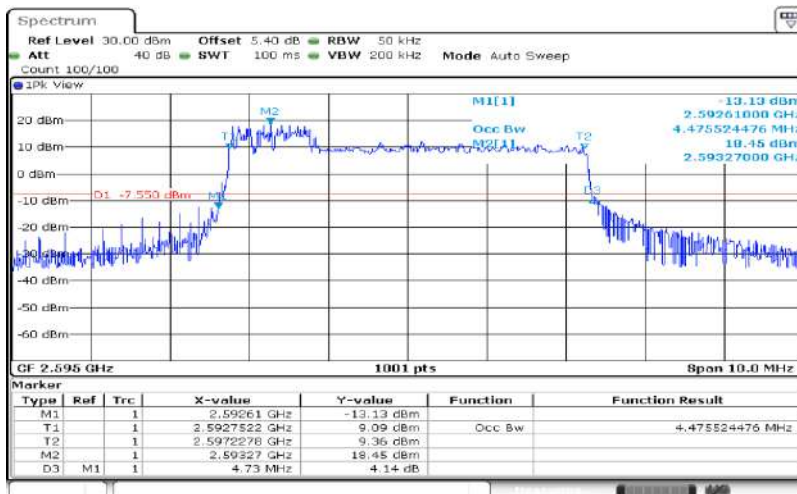
Band38-5MHz-64QAM-37775-25RB#0-4.456



Date: 6 MAY 2020 11:50:07

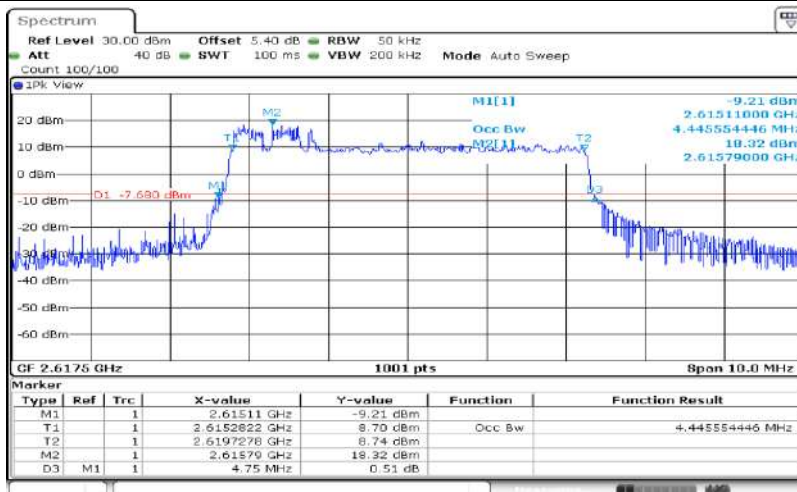


Band38-5MHz-64QAM-38000-25RB#0-4.476



Date: 6 MAY 2020 11:50:26

Band38-5MHz-64QAM-38225-25RB#0-4.446

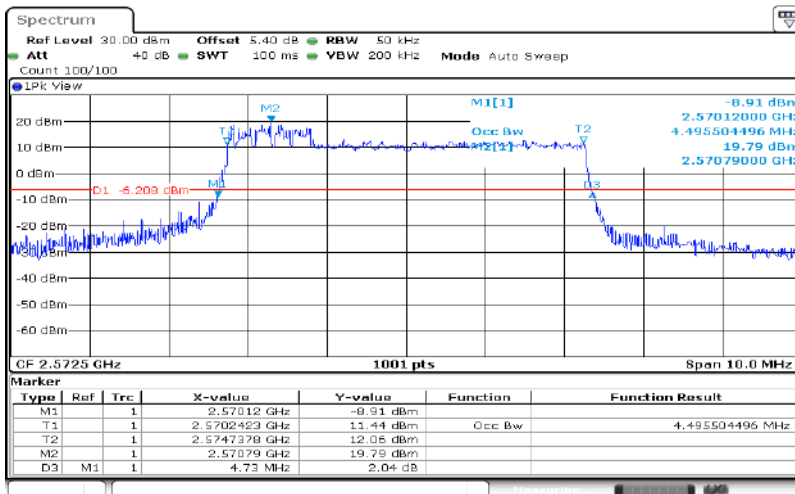


Date: 6 MAY 2020 11:50:46



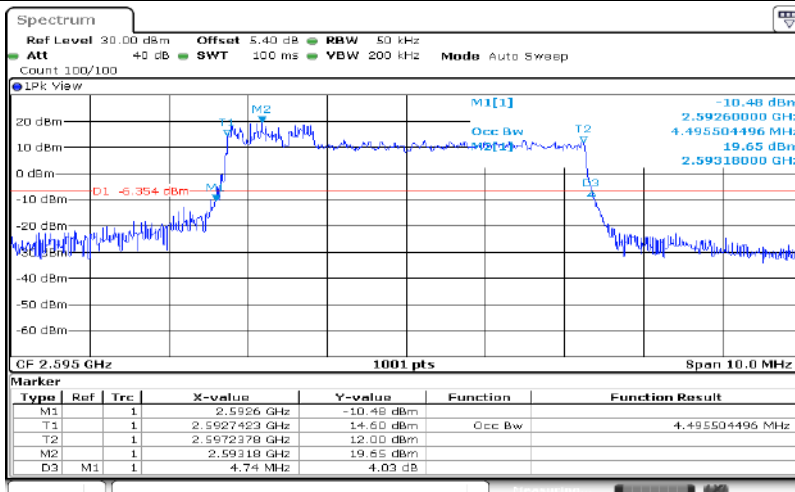


Band38-5MHz-16QAM-37775-25RB#0-4.496



Date: 13 APR 2020 01:24:13

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



Date: 13 APR 2020 01:24:58



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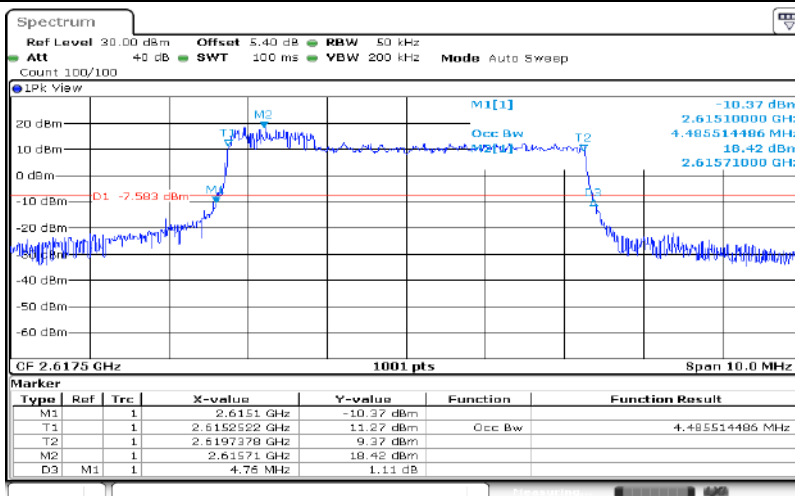
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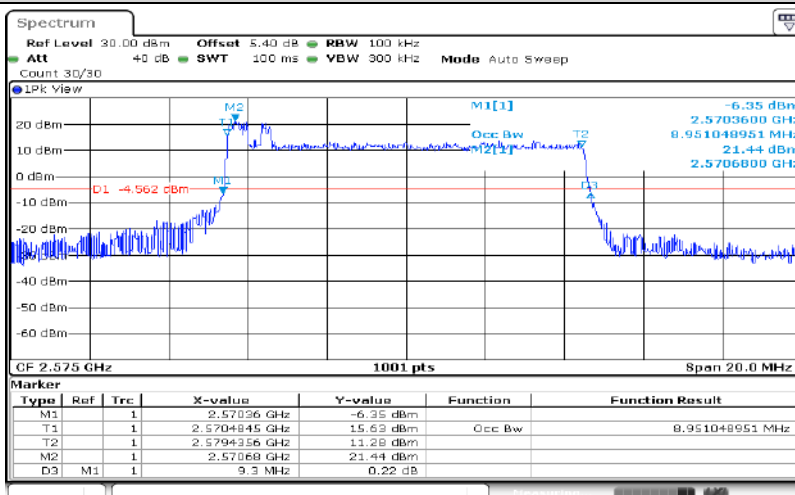


Band38-5MHz-16QAM-38225-25RB#0-4.486



Date: 13 APR 2020 01:25:44

Band38-10MHz-QPSK-37800-50RB#0-8.951



Date: 13 APR 2020 01:26:04



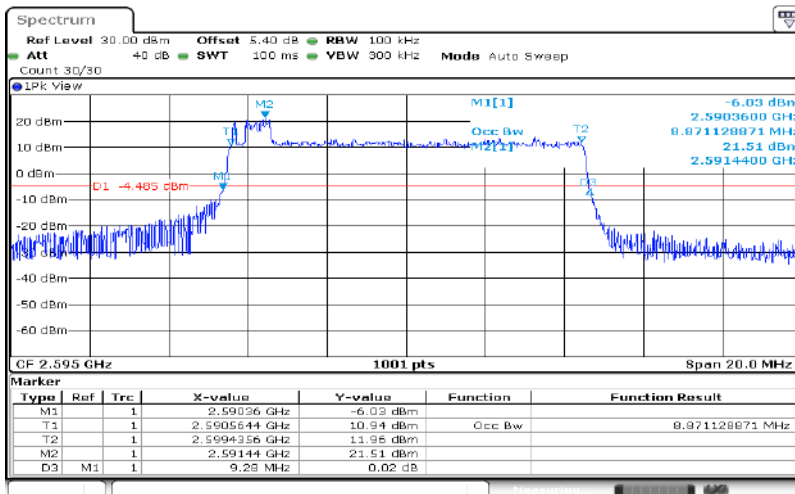
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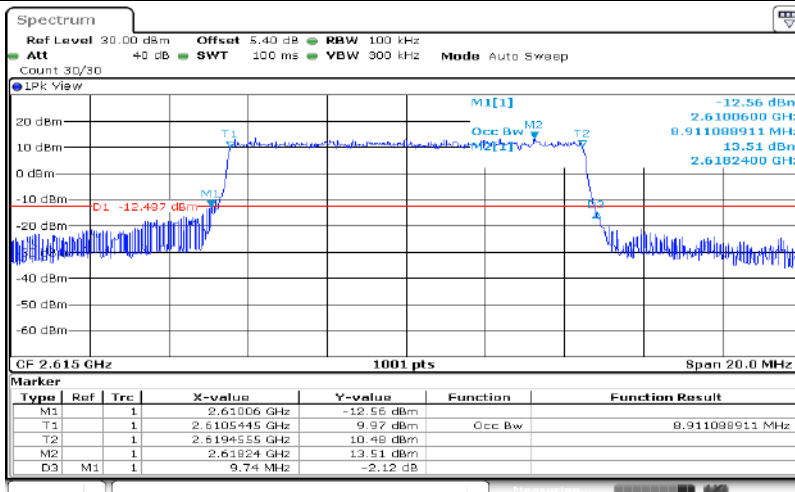


Band38-10MHz-QPSK-38000-50RB#0-8.871



Date: 13 APR 2020 01:26:36

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



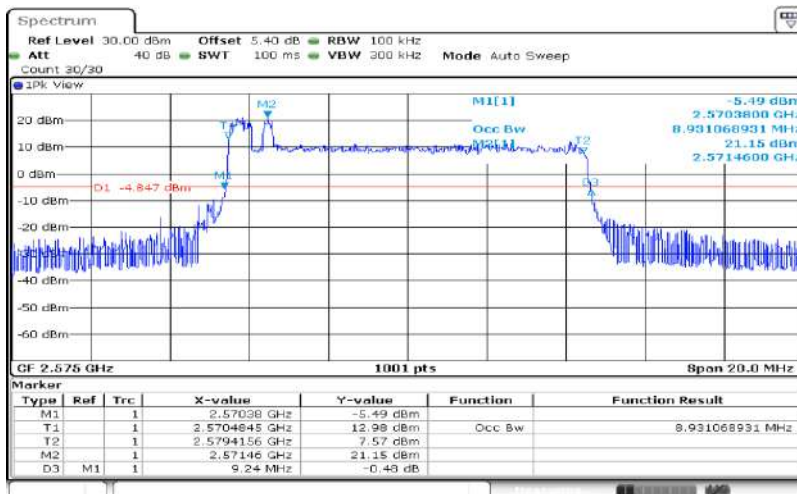
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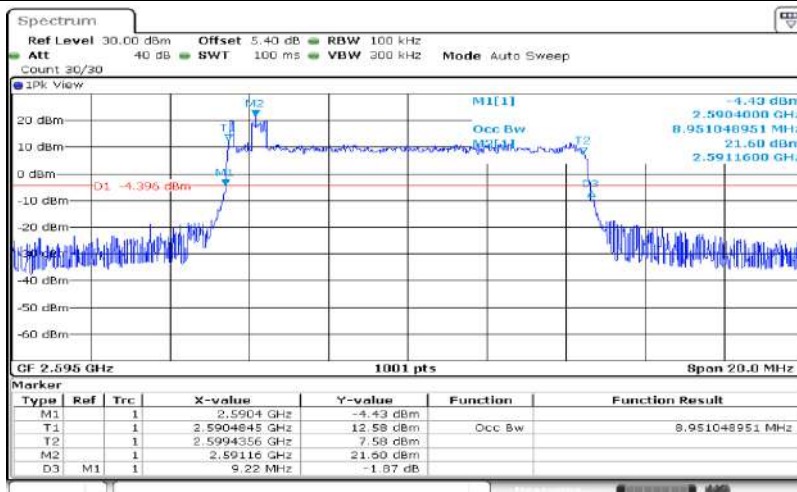
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Band38-10MHz-64QAM-37800-50RB#0-8.931



Date: 6 MAY 2020 11:51:04

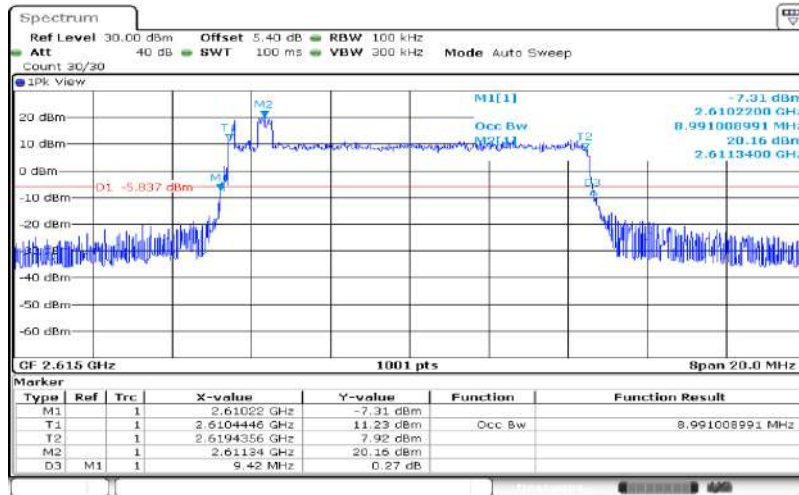
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Date: 6 MAY 2020 11:51:17

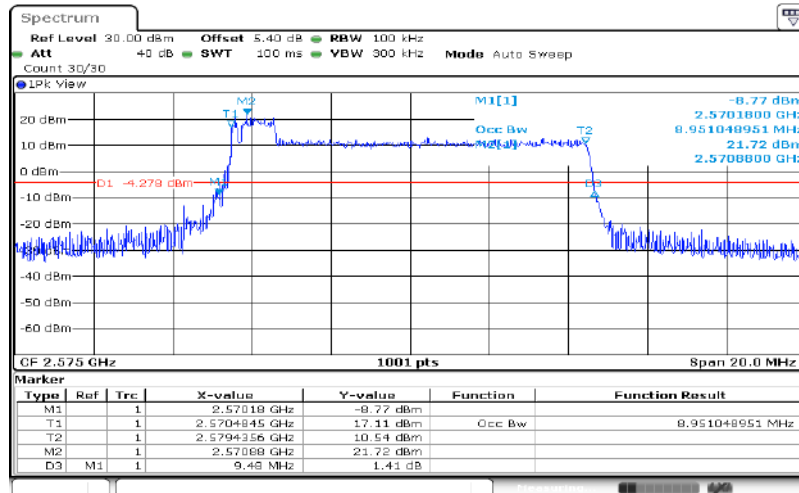


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Date: 6 MAY 2020 11:51:30

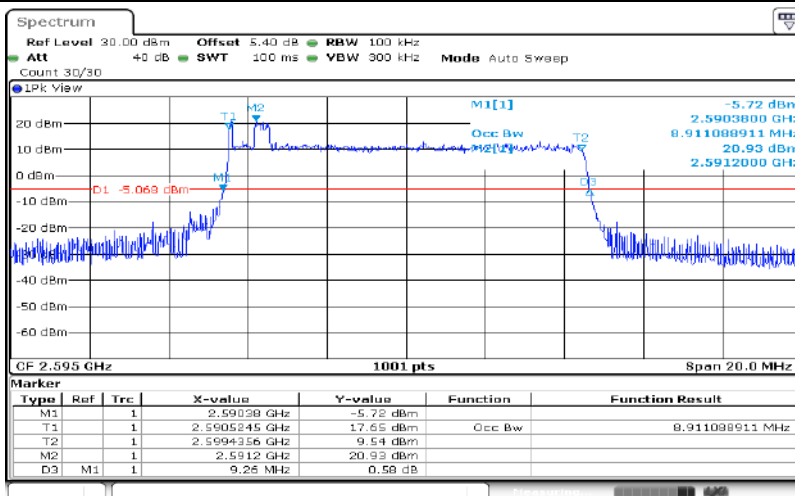
Band38-10MHz-16QAM-37800-50RB#0-8.951



Date: 13 APR 2020 01:26:20

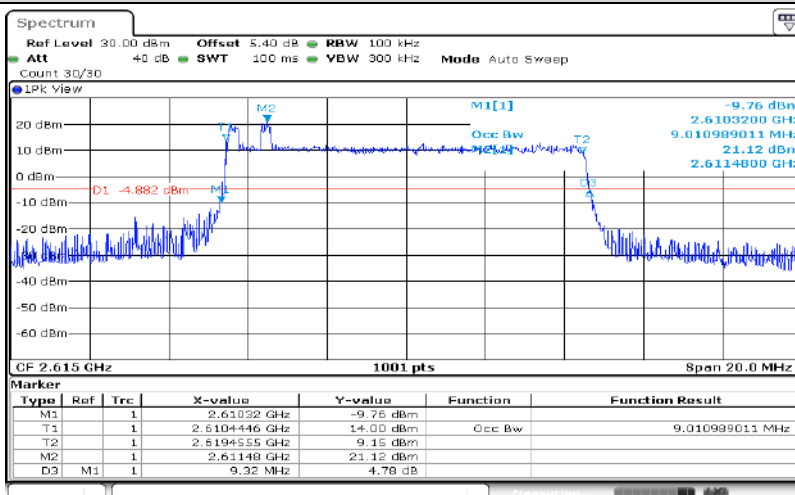


Band38-10MHz-16QAM-38000-50RB#0-8.911



Date: 13 APR 2020 01:26:52

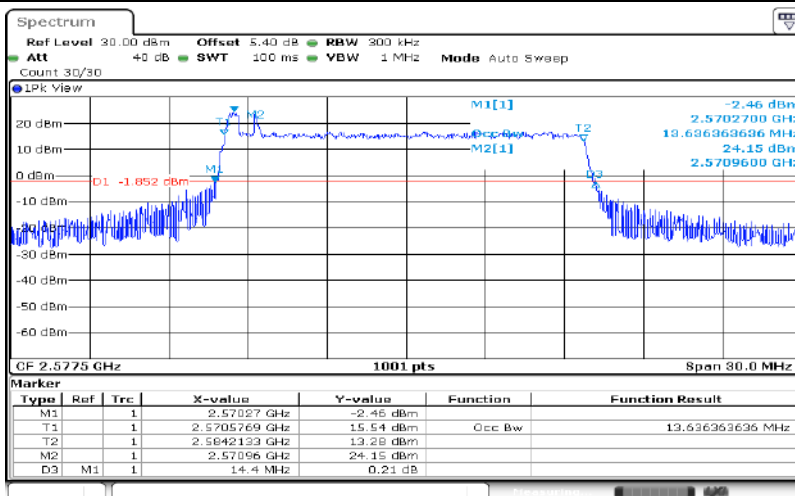
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Date: 13 APR 2020 01:27:23

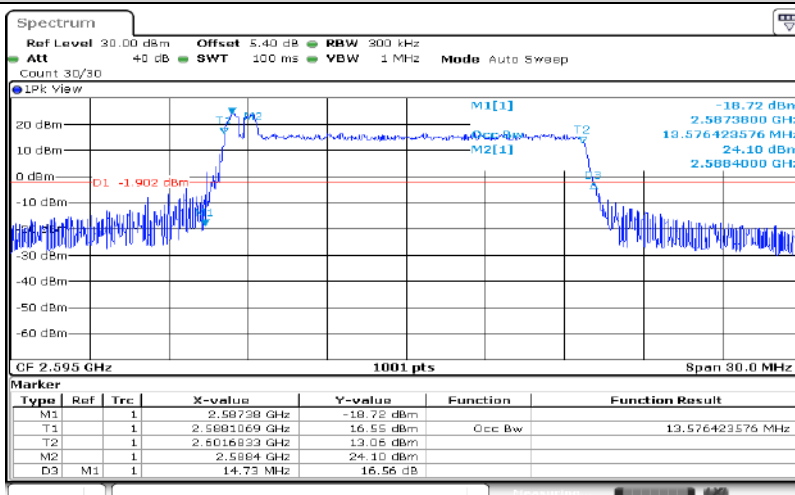


Band38-15MHz-QPSK-37825-75RB#0-13.636



Date: 13 APR 2020 01:27:44

Band38-15MHz-QPSK-38000-75RB#0-13.576



Date: 13 APR 2020 01:28:15



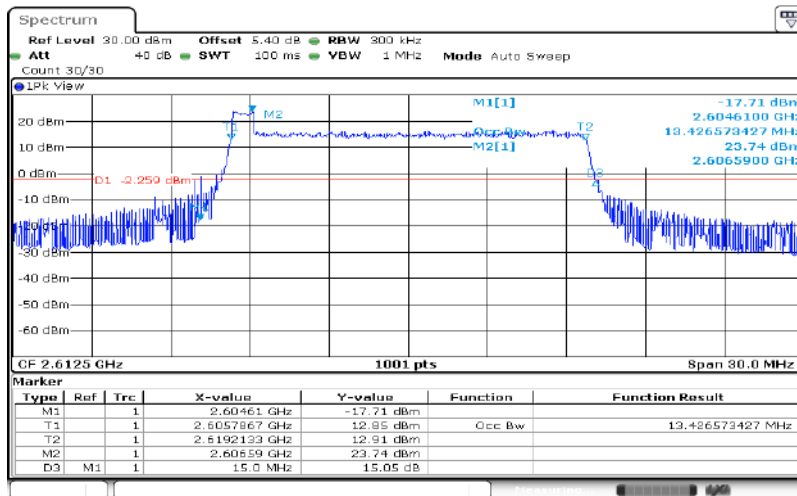
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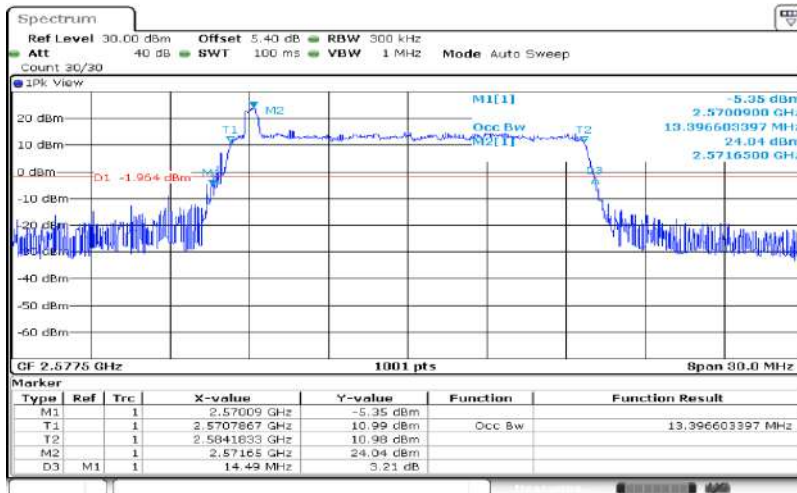
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Band38-15MHz-QPSK-38175-75RB#0-13.427



Date: 13 APR 2020 01:28:46

Band38-15MHz-64QAM-37825-75RB#0-13.397



Date: 6 MAY 2020 11:51:47



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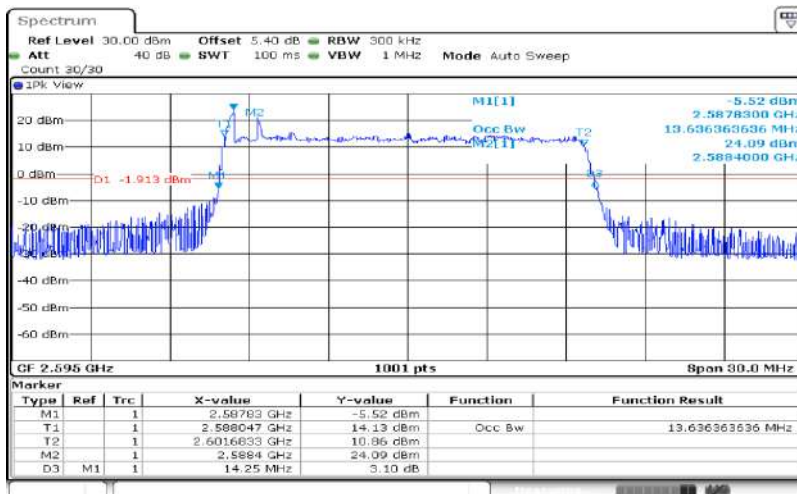
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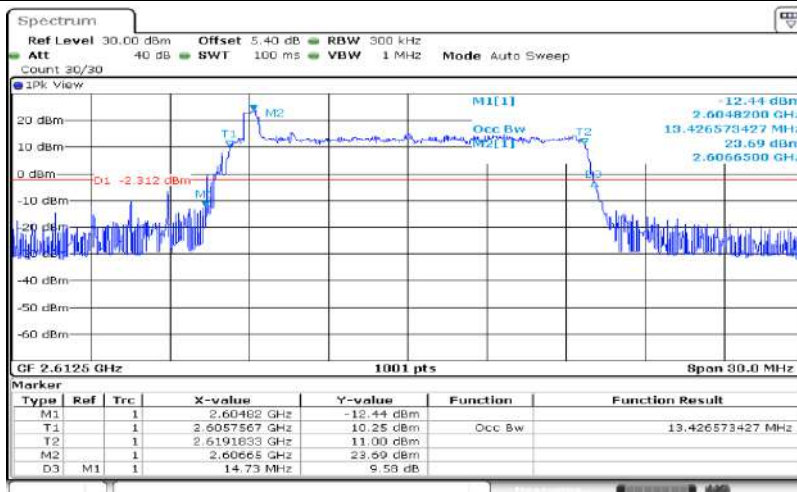
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Band38-15MHz-64QAM-38000-75RB#0-13.636



Date: 6 MAY 2020 11:52:00

Band38-15MHz-64QAM-38175-75RB#0-13.427

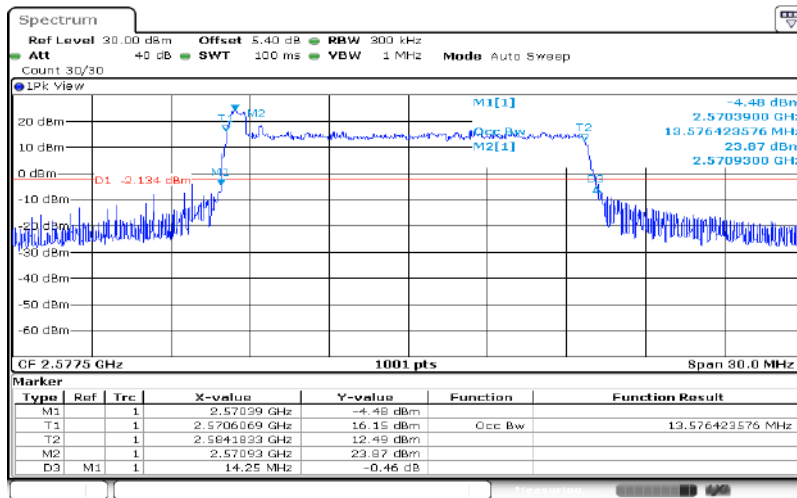


Date: 6 MAY 2020 11:52:13



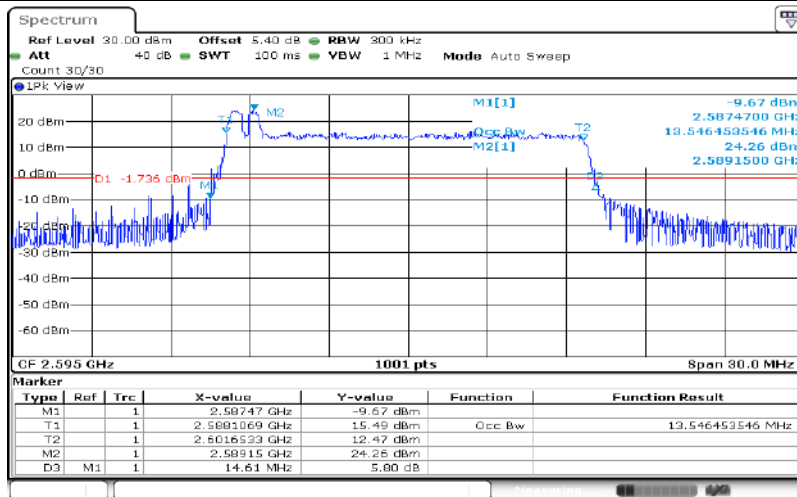


Band38-15MHz-16QAM-37825-75RB#0-13.576



Date: 13 APR 2020 01:27:59

Band38-15MHz-16QAM-38000-75RB#0-13.546



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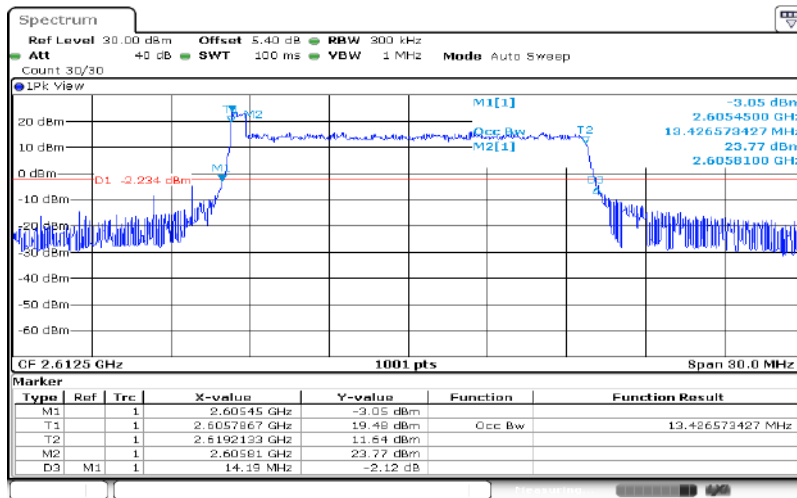
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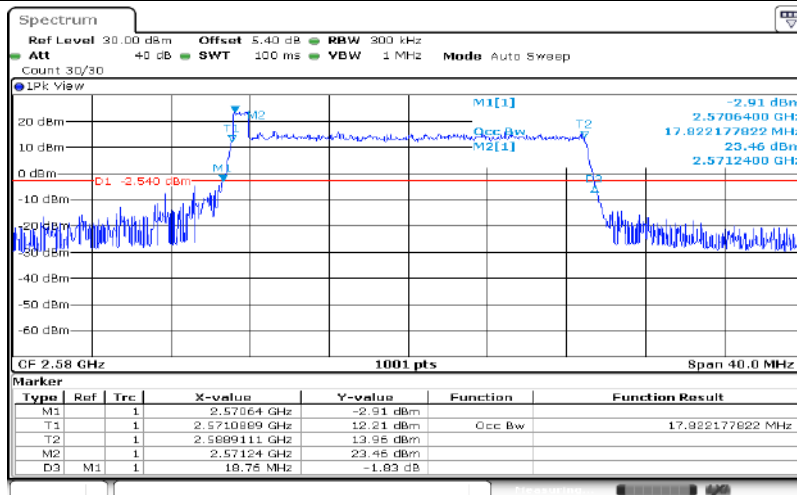


Band38-15MHz-16QAM-38175-75RB#0-13.427



Date: 13 APR 2020 01:29:02

Band38-20MHz-QPSK-37850-100RB#0-17.822



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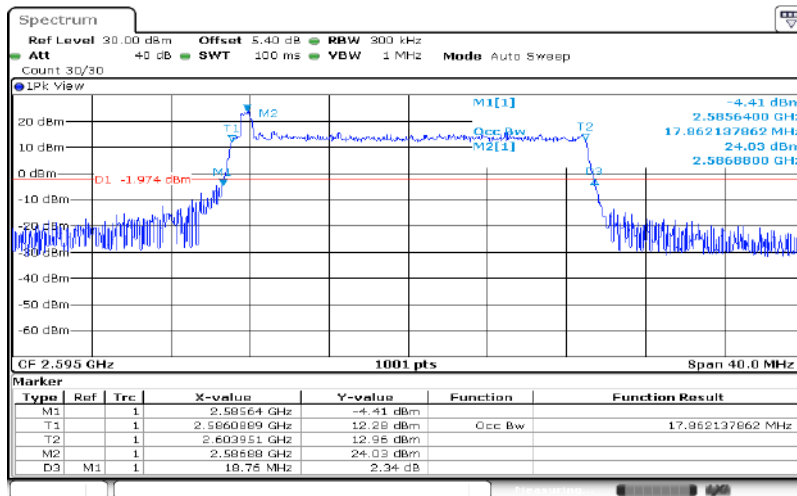
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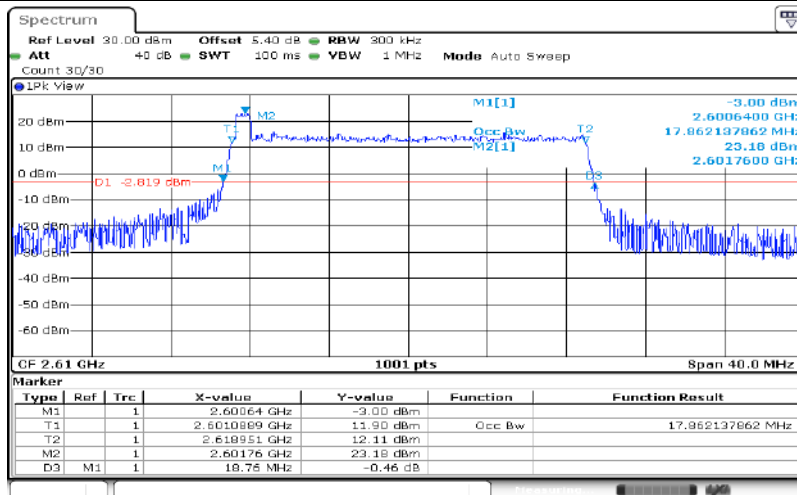


Band38-20MHz-QPSK-38000-100RB#0-17.862



Date: 13 APR 2020 01:29:54

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Date: 13 APR 2020 01:30:25

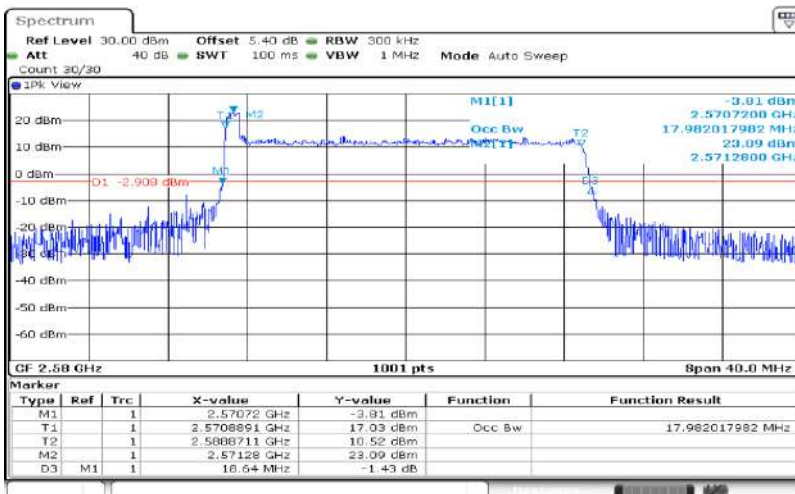


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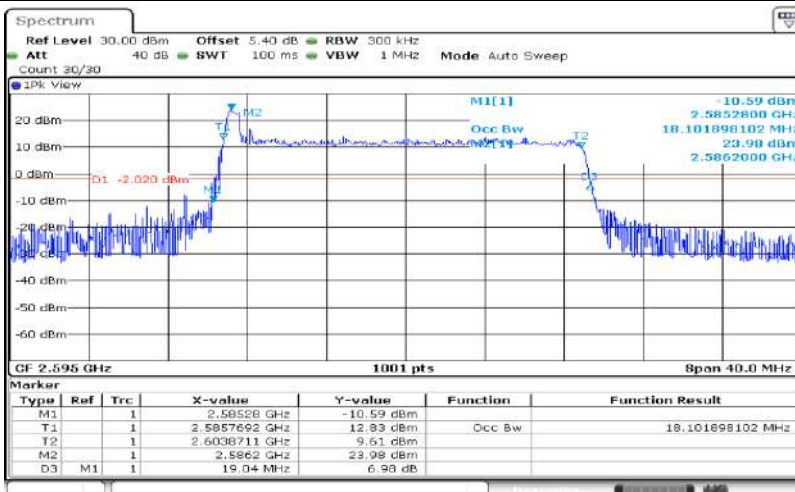
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Band38-20MHz-64QAM-37850-100RB#0-17.982



Date: 6 MAY 2020 11:52:30

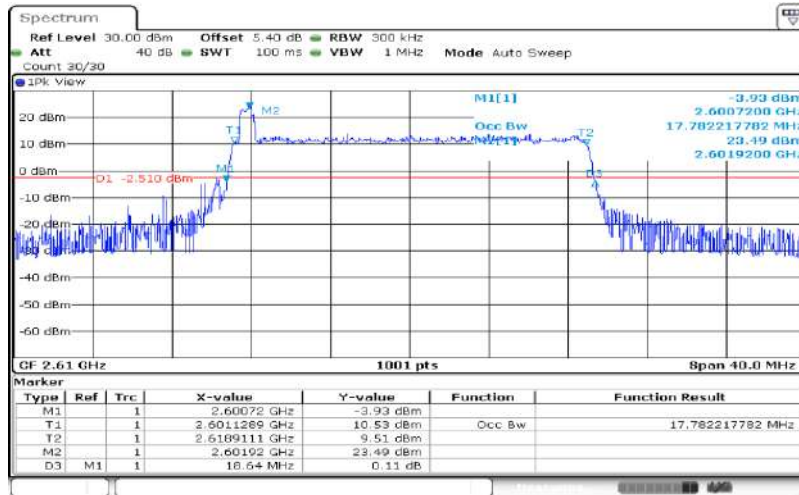
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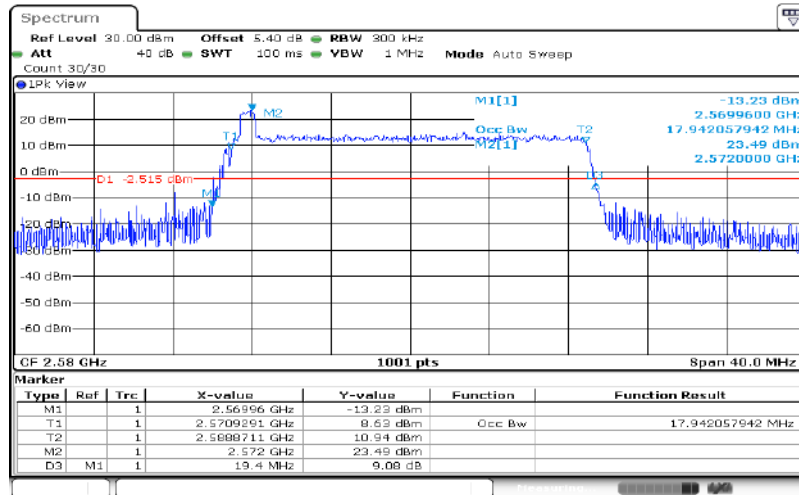


Band38-20MHz-64QAM-38150-100RB#0-17.782



Date: 6 MAY 2020 11:52:56

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Date: 13 APR 2020 01:29:38

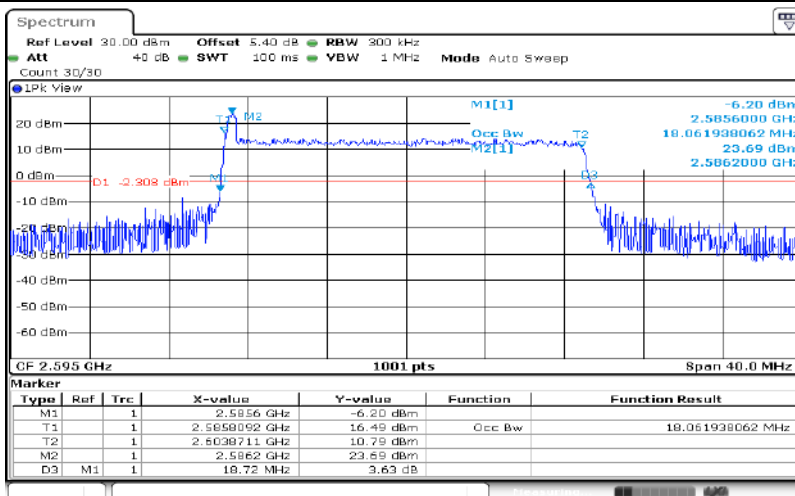


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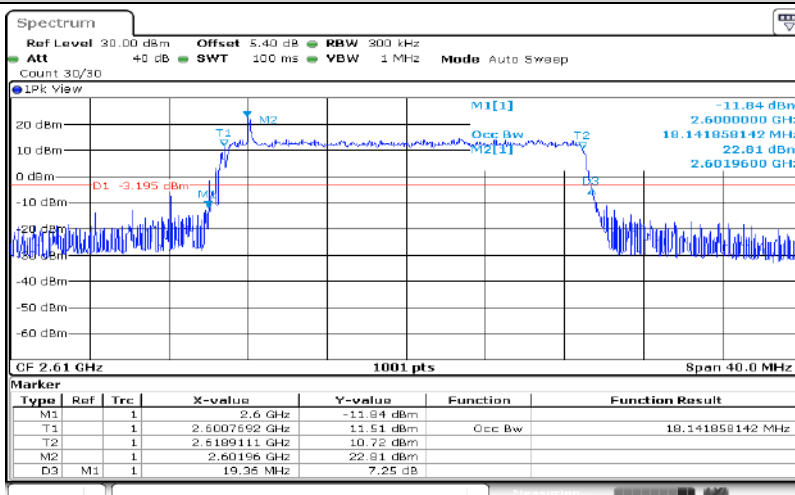


Band38-20MHz-16QAM-38000-100RB#0-18.062



Date: 13 APR 2020 01:30:09

Band38-20MHz-16QAM-38150-100RB#0-18.142



Date: 13 APR 2020 01:30:41



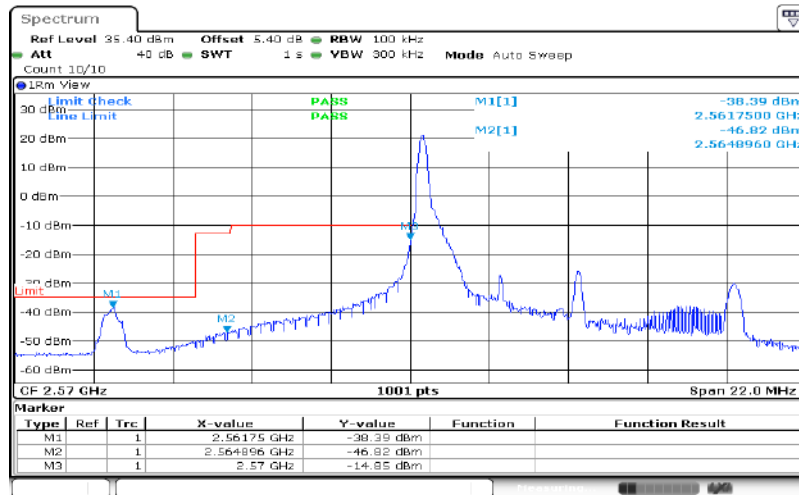
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5. Band Edge Compliance

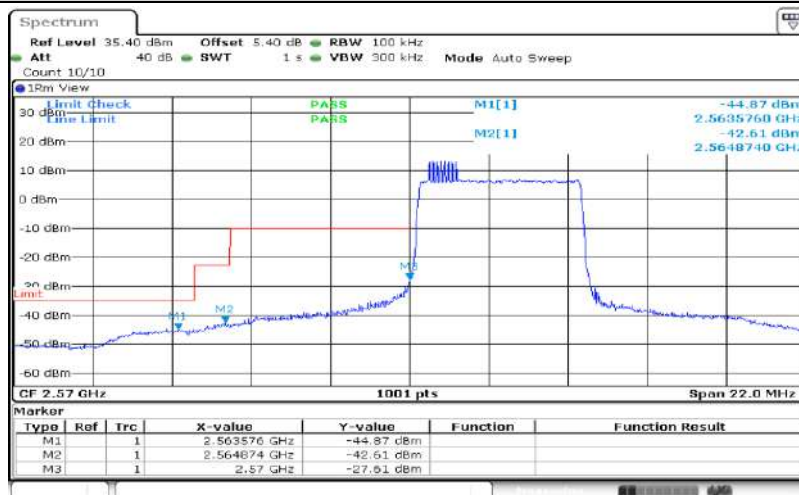
5.1. Test Plots

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



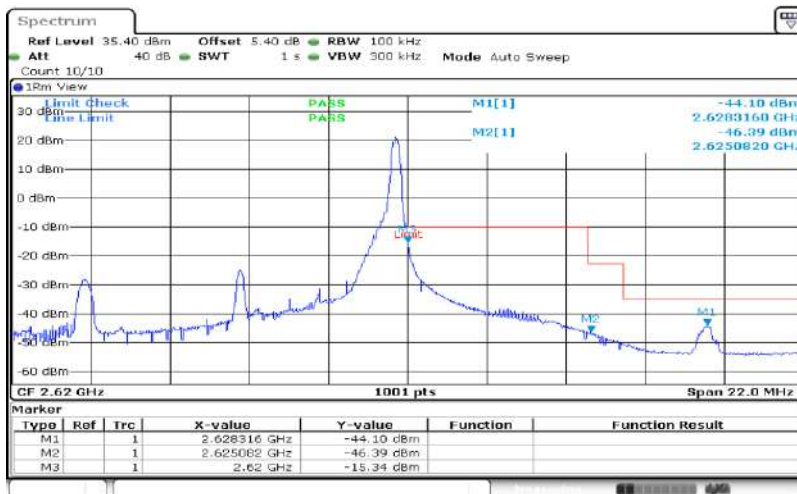
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Band38-5MHz-QPSK-37775-25RB#0

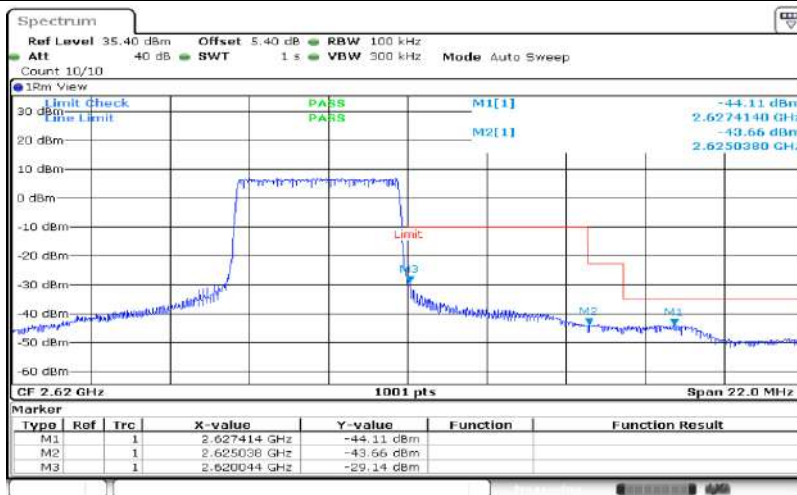


Date: 8 MAY 2020 09:29:08

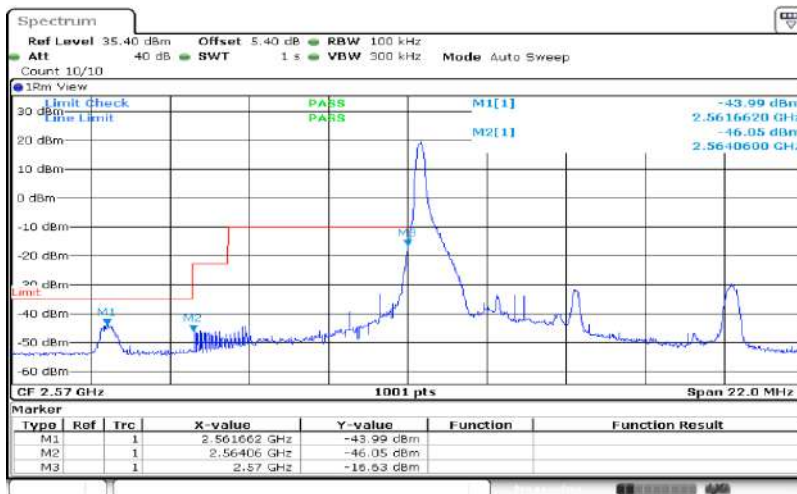
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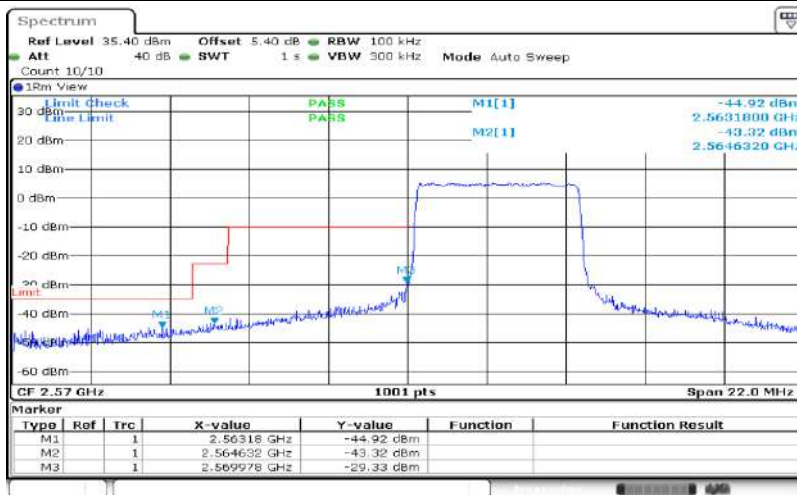
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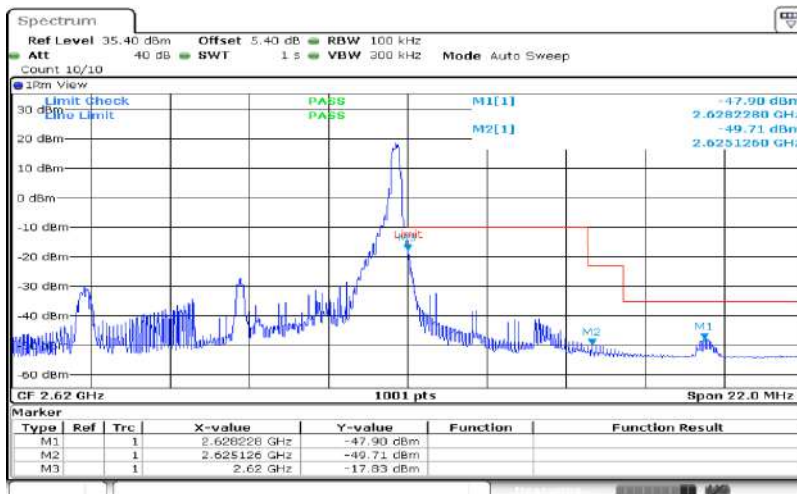
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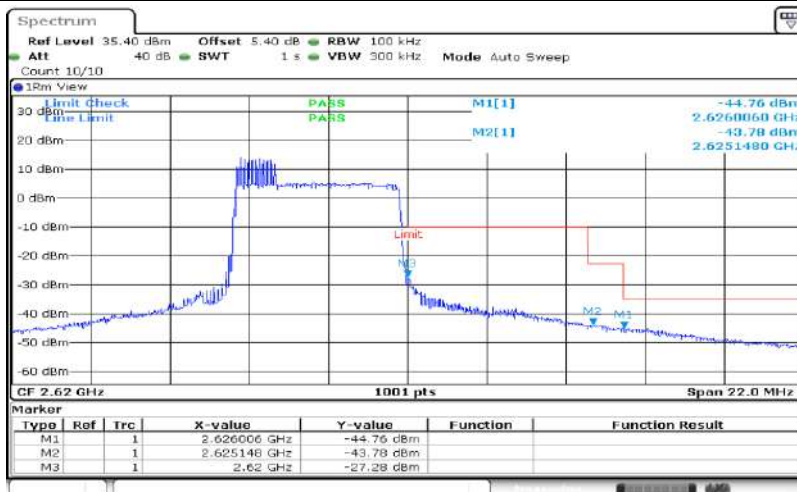
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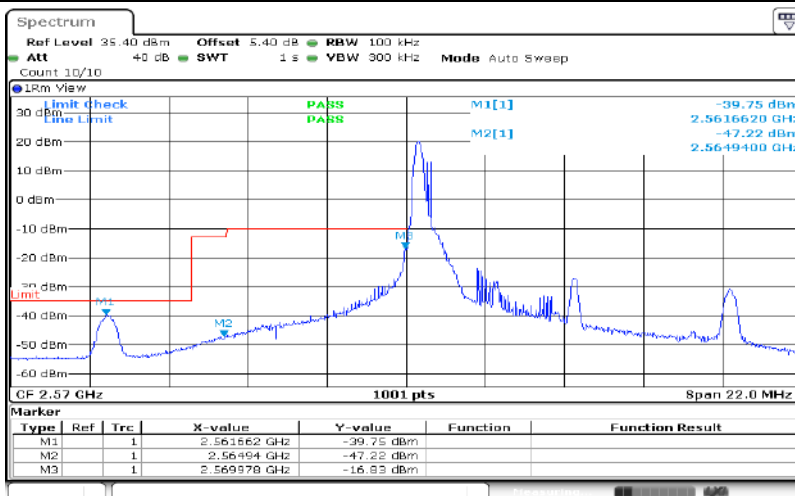
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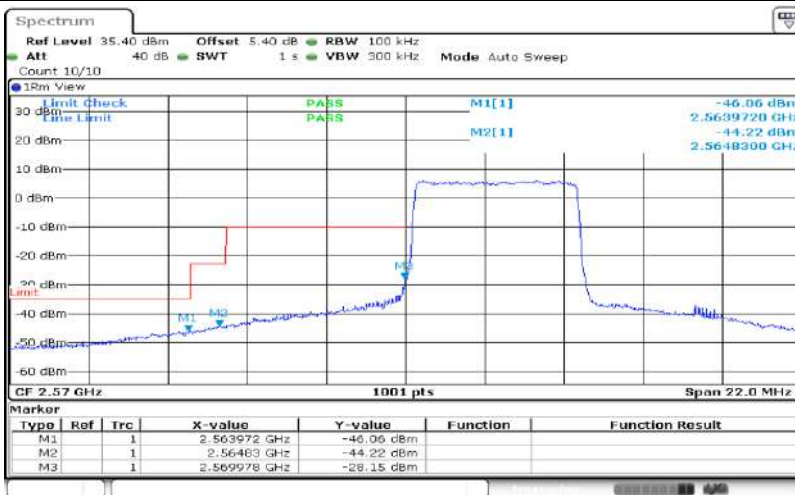
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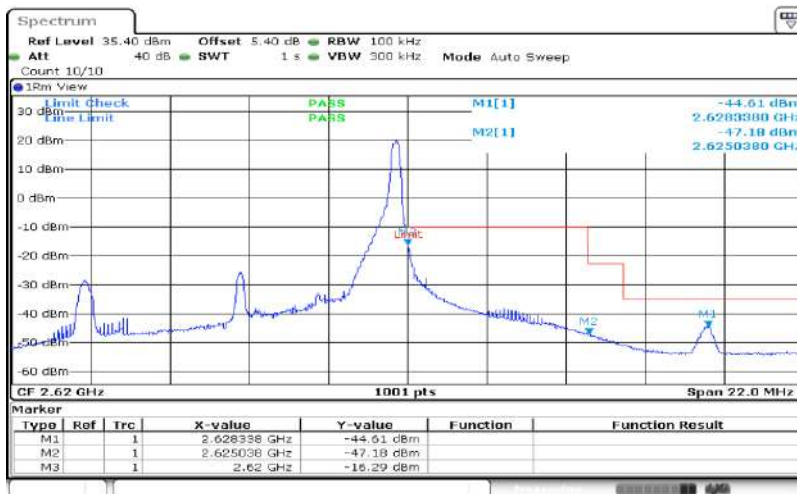
Band38-5MHz-16QAM-37775-1RB#0



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

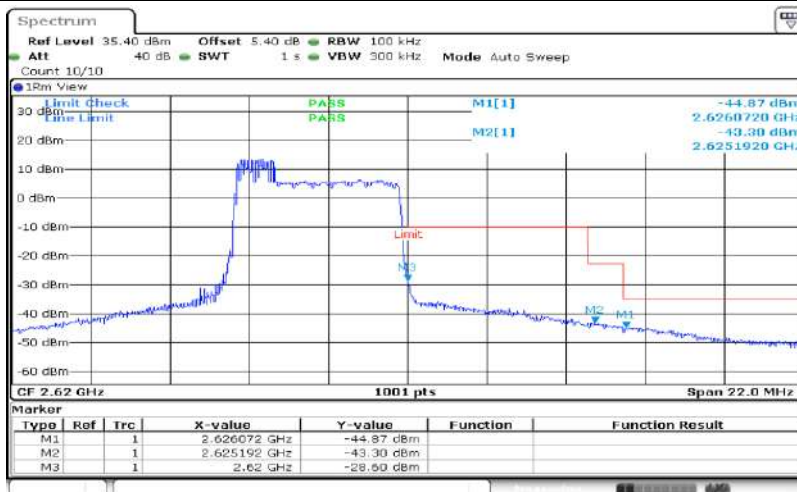


Band38-5MHz-16QAM-38225-1RB#24



Date: 8 MAY 2020 09:17:52

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



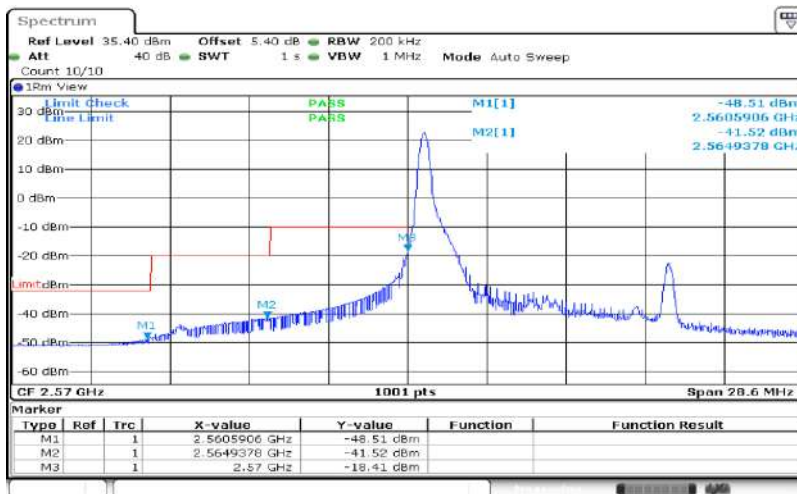
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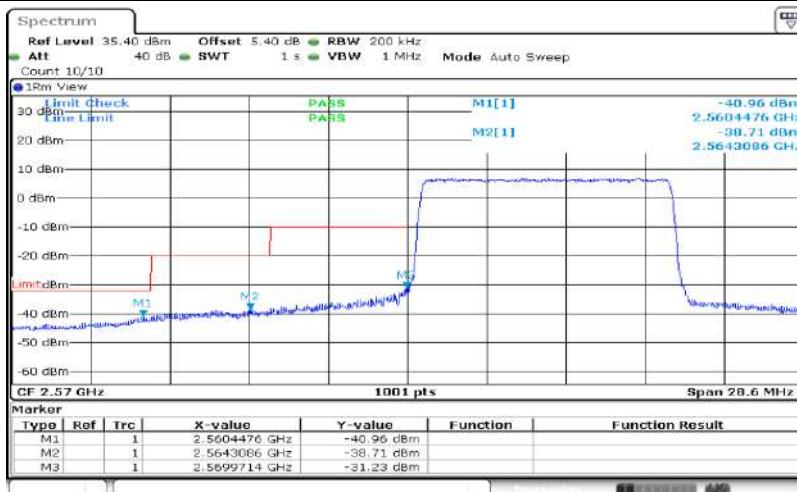


Band38-10MHz-QPSK-37800-1RB#0



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



Date: 8 MAY 2020 09:31:45



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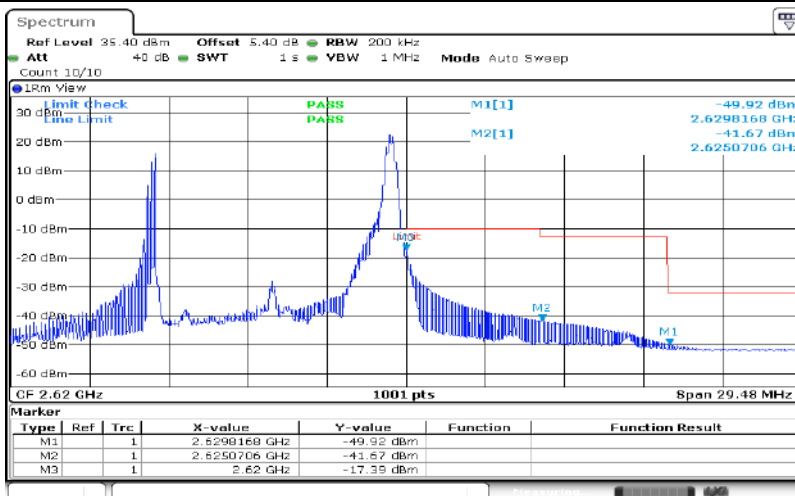
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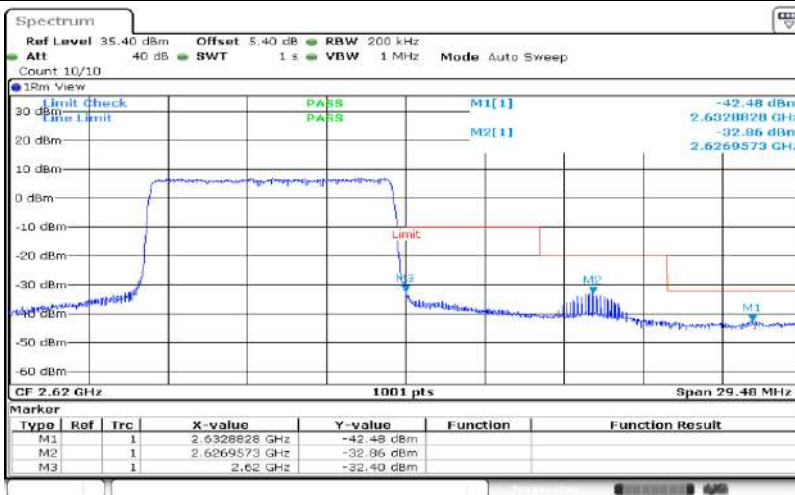
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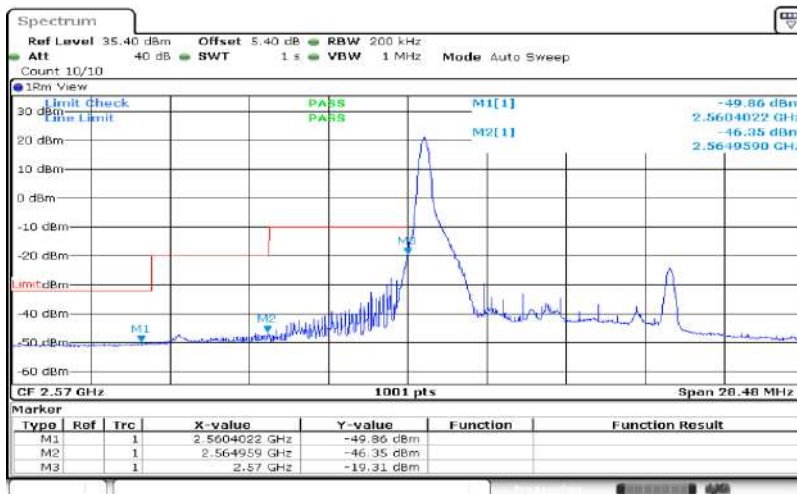
Band38-10MHz-QPSK-38200-1RB#49



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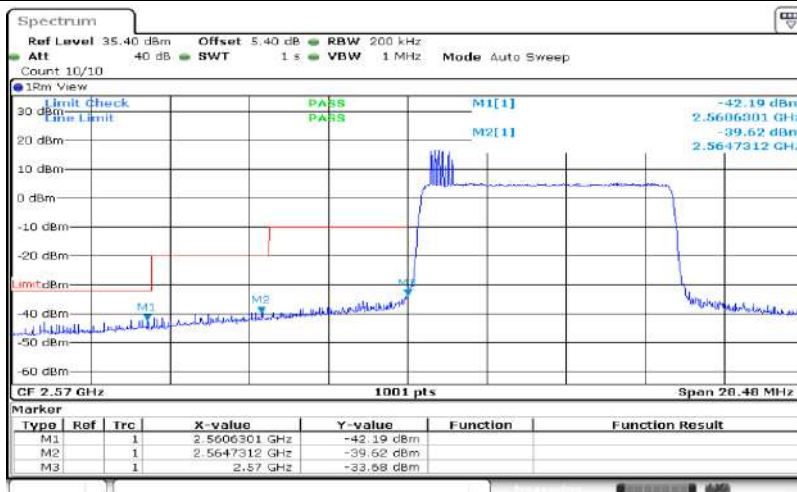


Band38-10MHz-64QAM-37800-1RB#0



Date: 8 MAY 2020 10:10:29

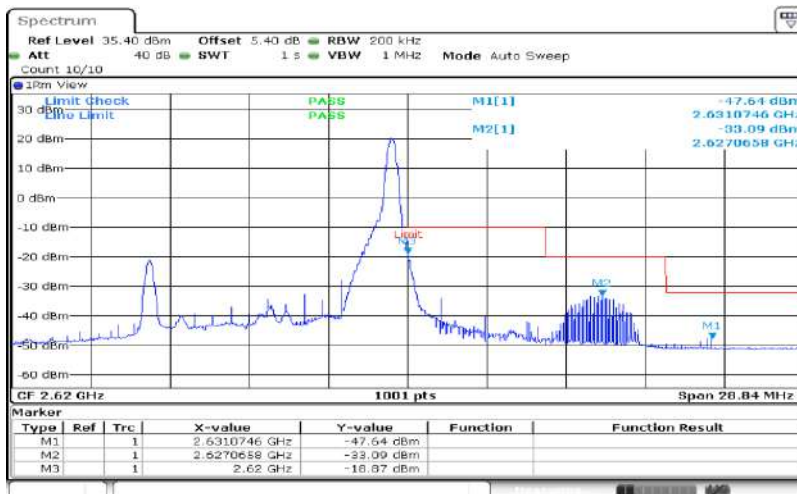
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Date: 8 MAY 2020 09:51:48

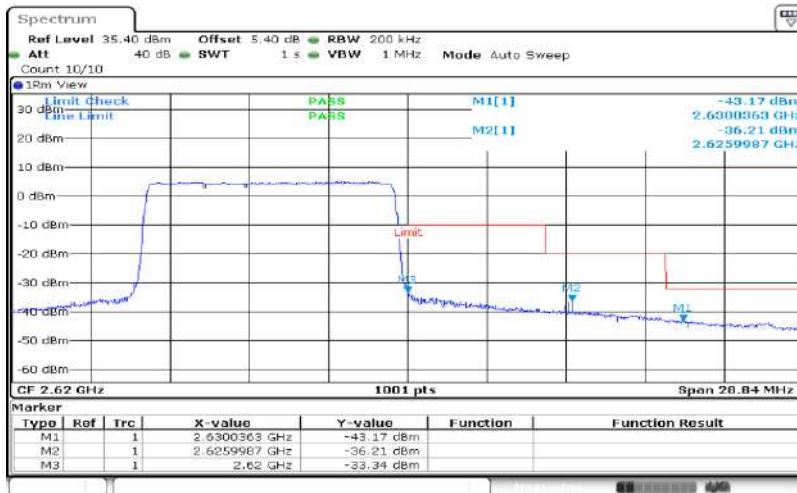


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Date: 6 MAY 2020 11:55:31

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Date: 8 MAY 2020 09:52:10



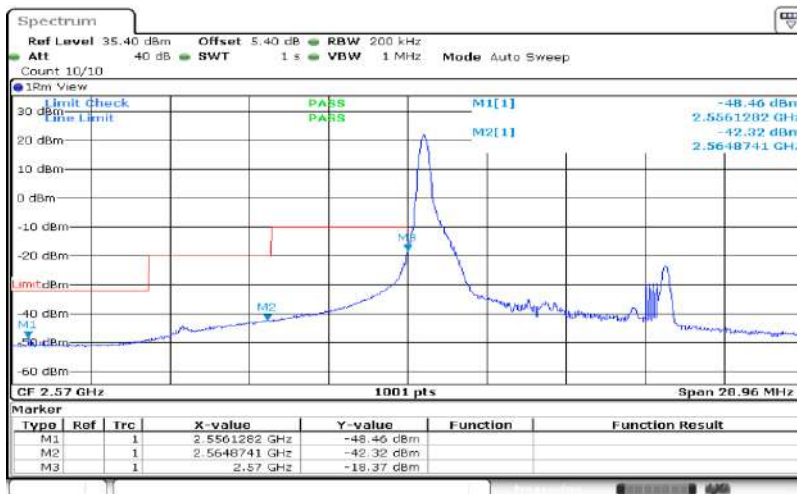
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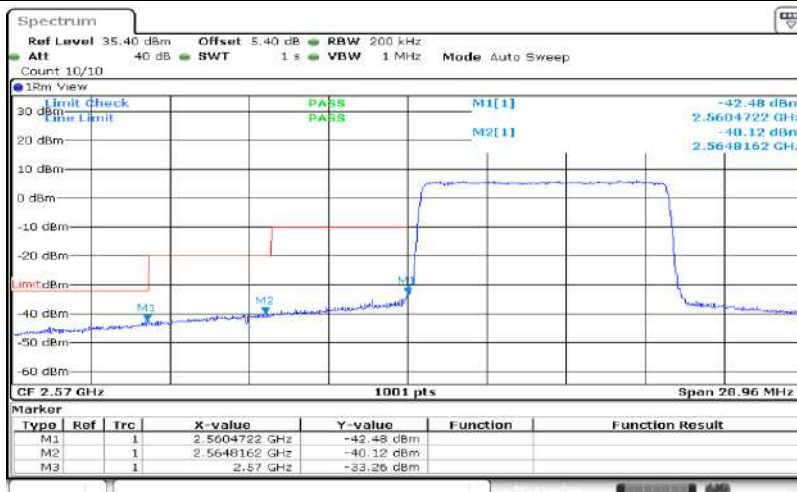
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Band38-10MHz-16QAM-37800-1RB#0



Date: 8 MAY 2020 09:18:53

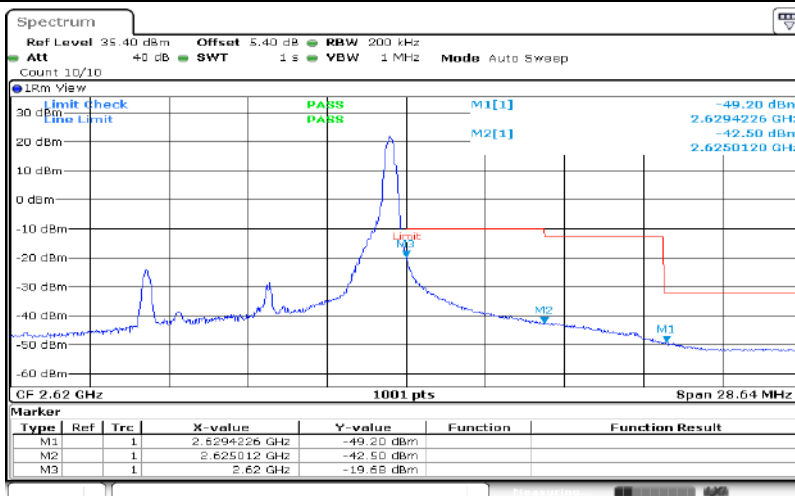
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Date: 8 MAY 2020 09:32:07

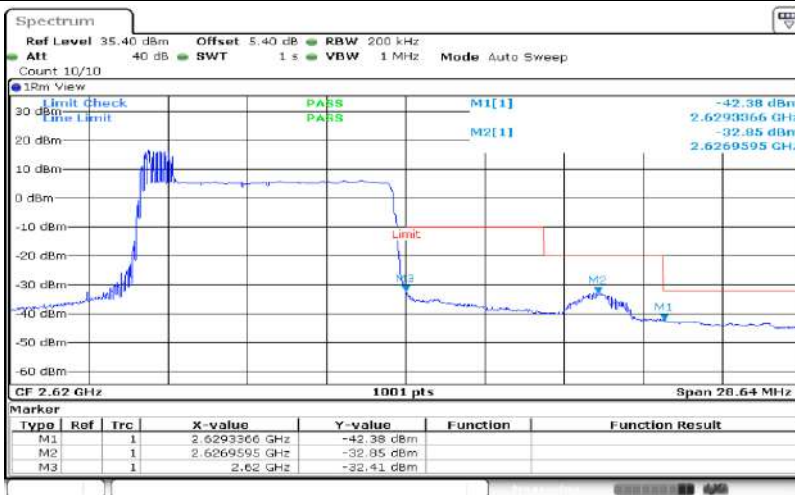


Band38-10MHz-16QAM-38200-1RB#49



Date: 13 APR 2020 01:35:46

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

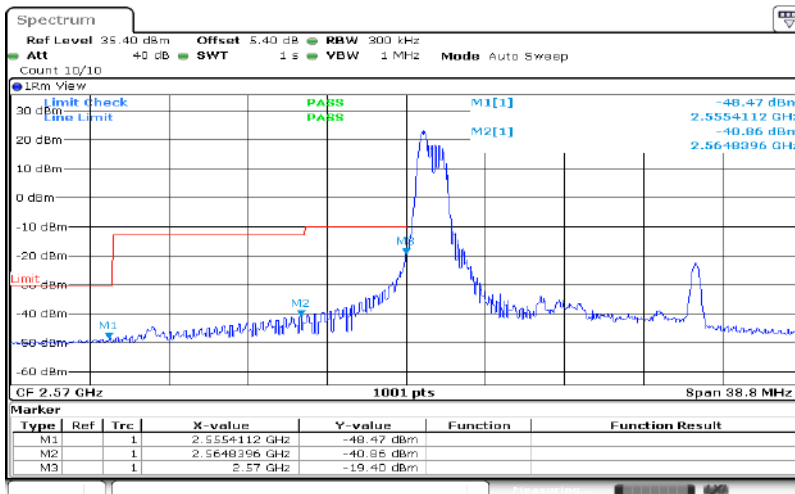


Date: 8 MAY 2020 09:34:49



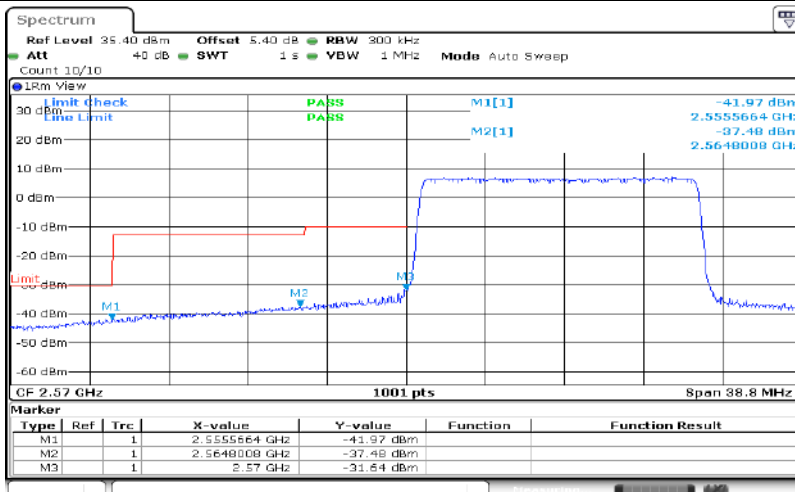


Band38-15MHz-QPSK-37825-1RB#0



Date: 13 APR 2020 01:37:53

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



Date: 13 APR 2020 01:39:36



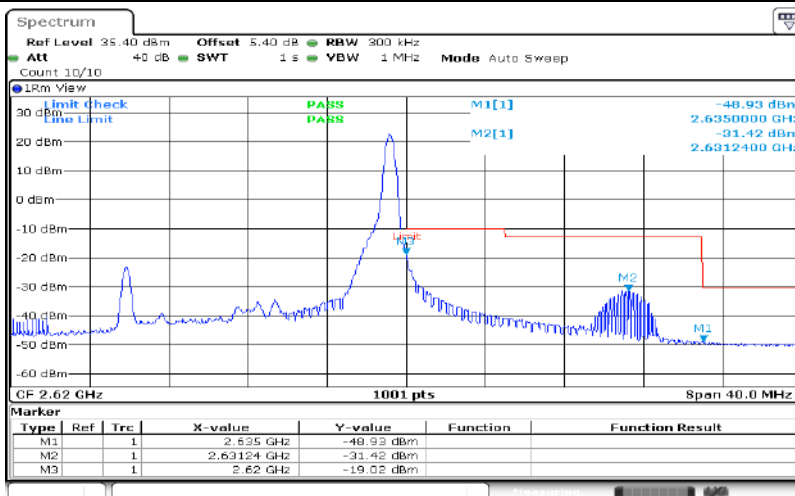
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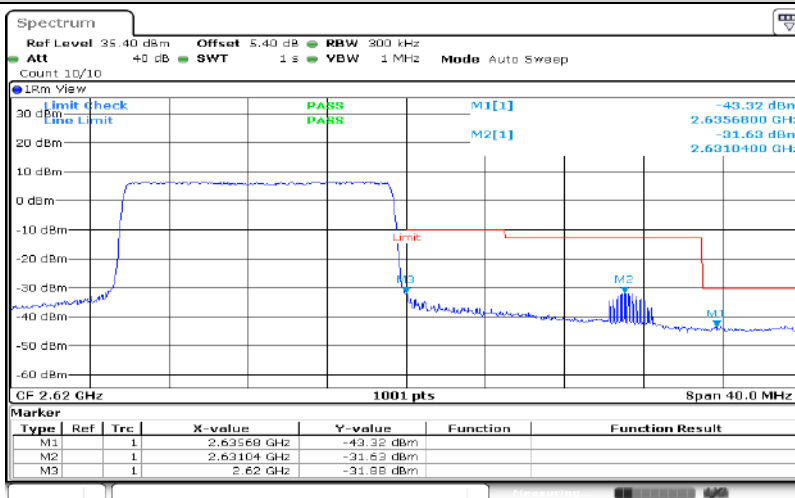
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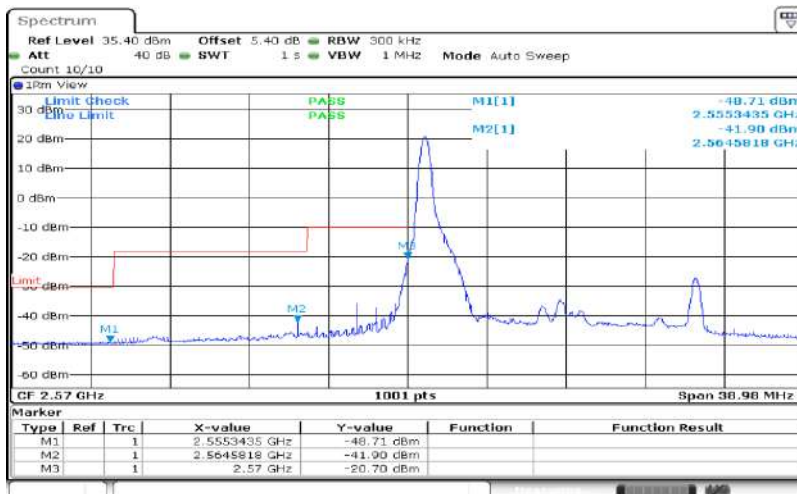
Band38-15MHz-QPSK-38175-1RB#74



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

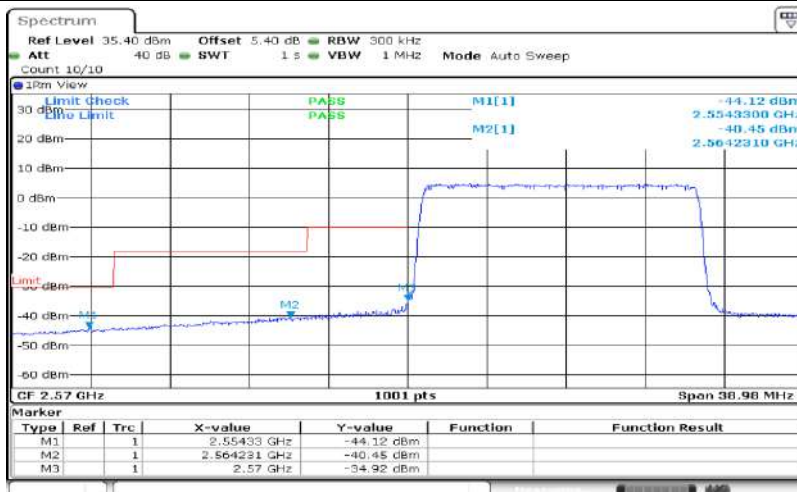


Band38-15MHz-64QAM-37825-1RB#0



Date: 6 MAY 2020 11:56:45

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

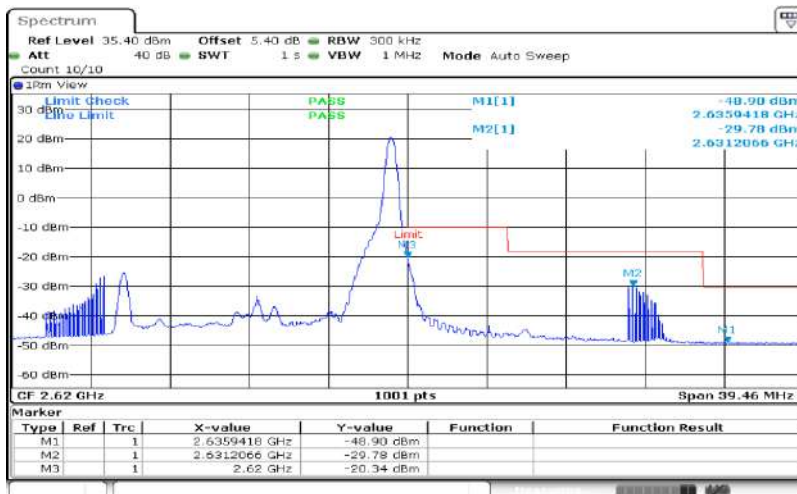


Date: 6 MAY 2020 11:57:37



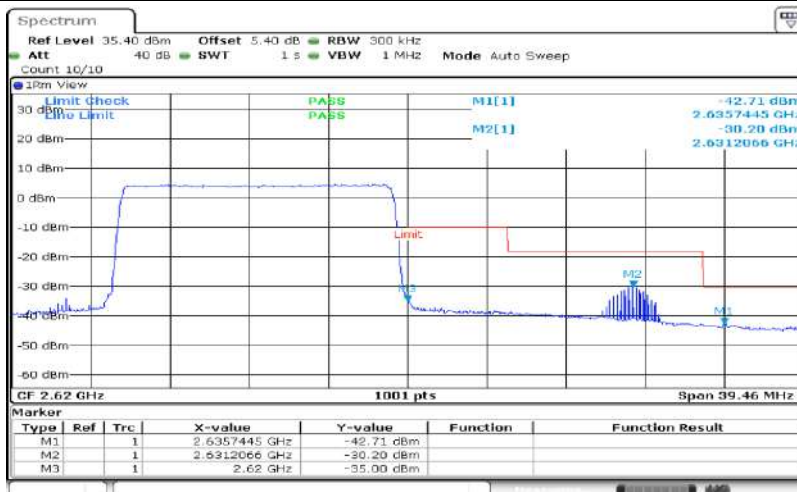
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Band38-15MHz-64QAM-38175-1RB#74



Date: 6 MAY 2020 11:57:11

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

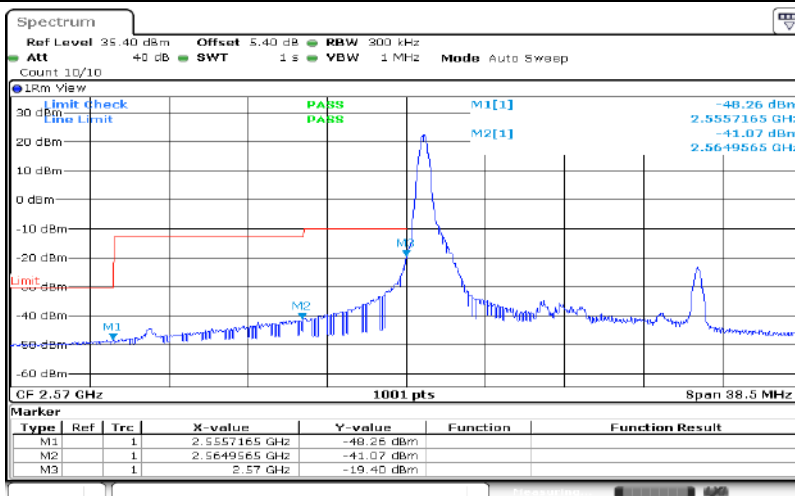


Date: 6 MAY 2020 11:57:59

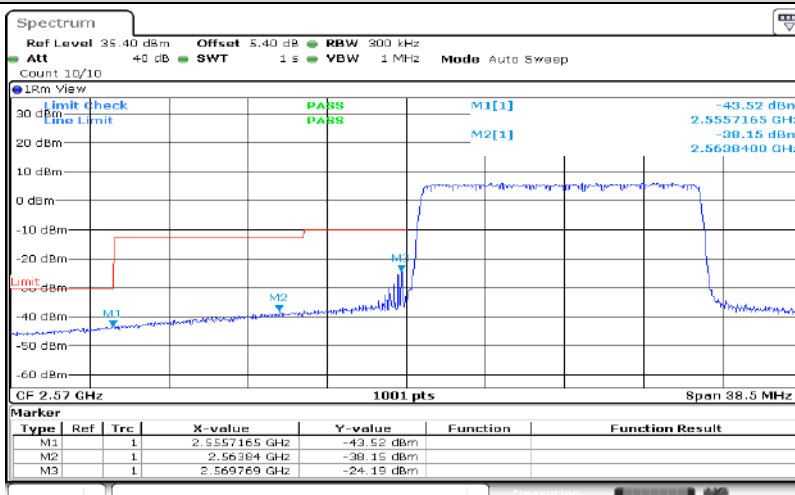




Band38-15MHz-16QAM-37825-1RB#0

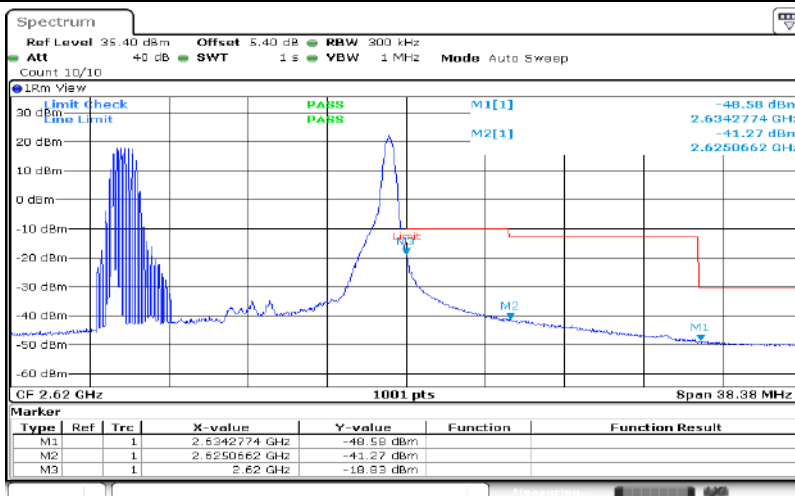


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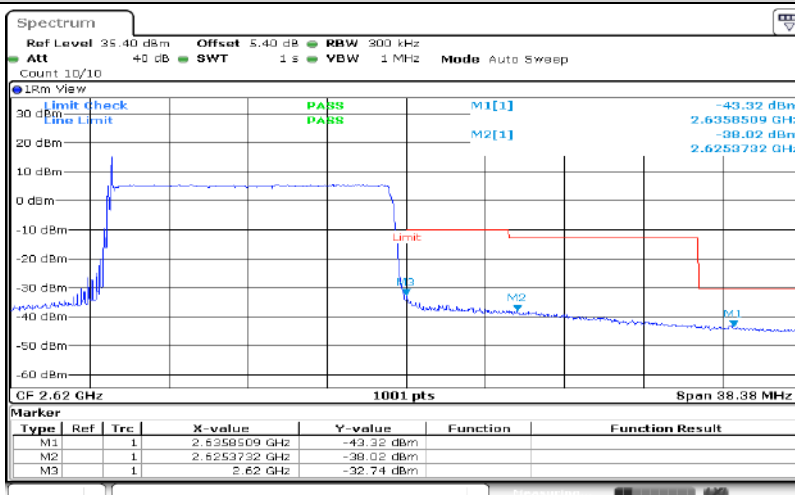




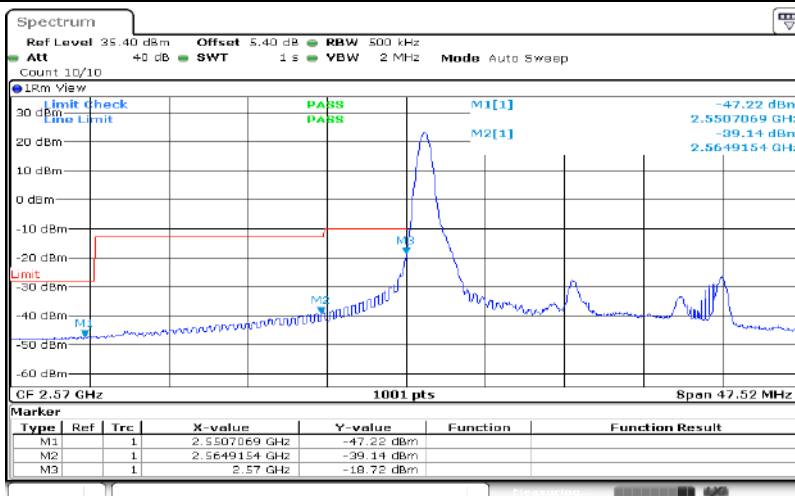
Band38-15MHz-16QAM-38175-1RB#74



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

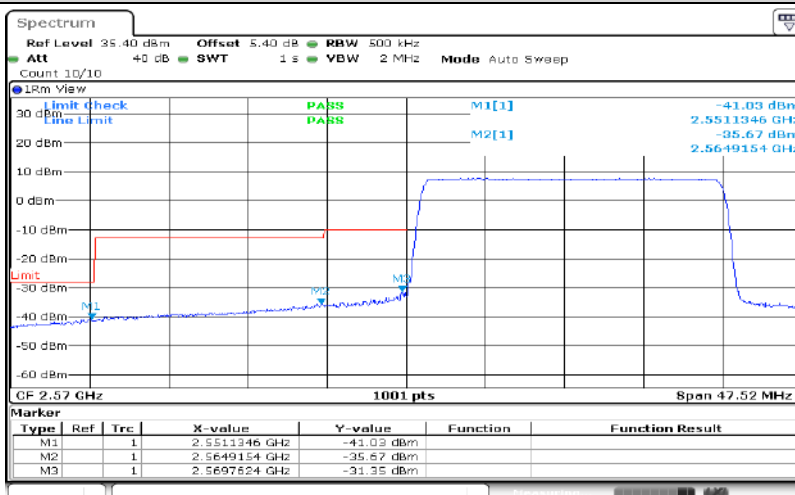


Band38-20MHz-QPSK-37850-1RB#0



Date: 13 APR 2020 01:41:15

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



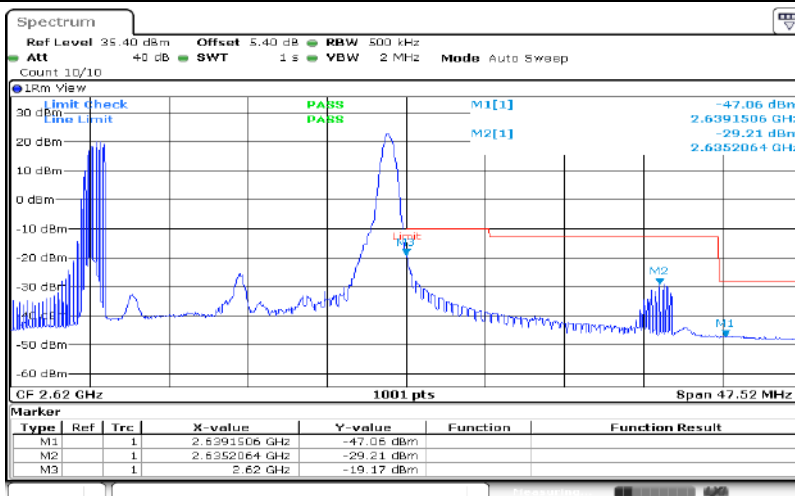
Date: 13 APR 2020 01:42:57



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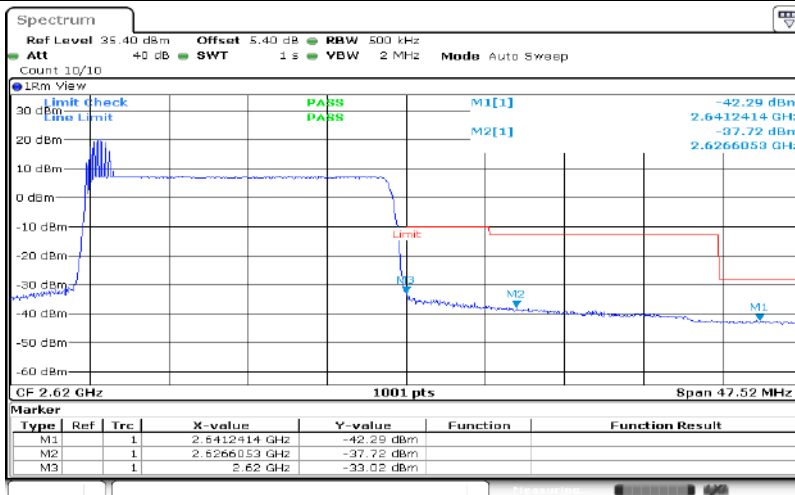


Band38-20MHz-QPSK-38150-1RB#99



Date: 13 APR 2020 01:42:06

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



Date: 13 APR 2020 01:43:44

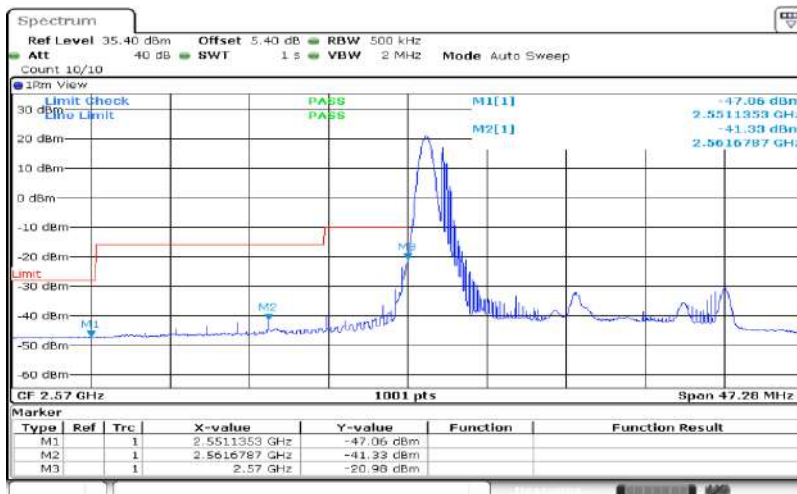


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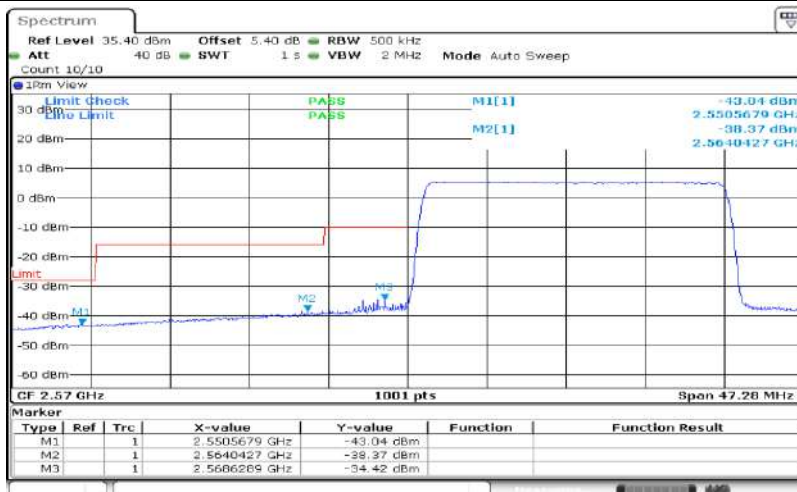
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Band38-20MHz-64QAM-37850-1RB#0



Date: 6 MAY 2020 11:58:26

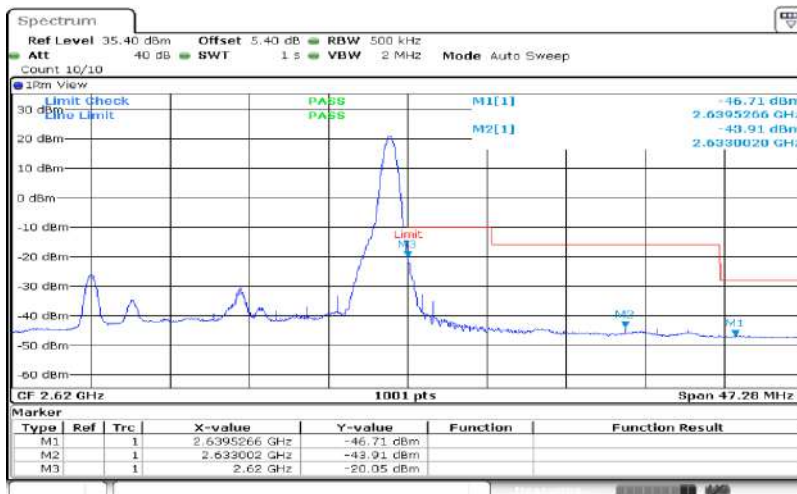
Band38-20MHz-64QAM-37850-100RB#0



Date: 6 MAY 2020 11:59:18

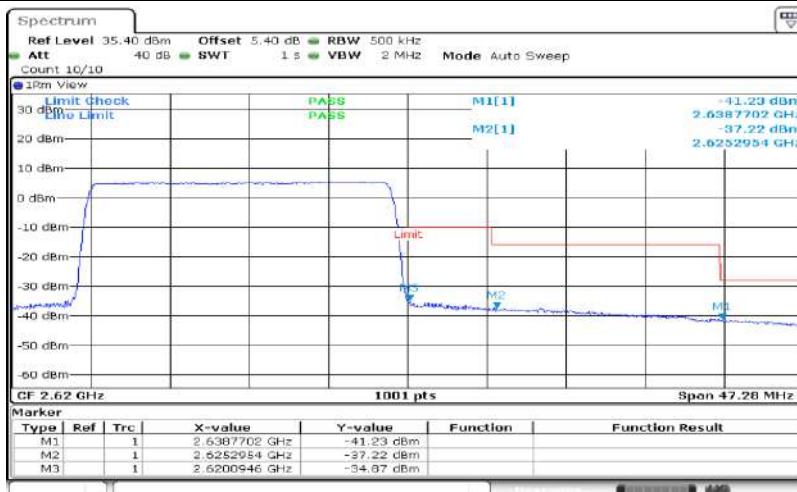


Band38-20MHz-64QAM-38150-1RB#99



Date: 6 MAY 2020 11:58:52

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



Date: 6 MAY 2020 11:59:40

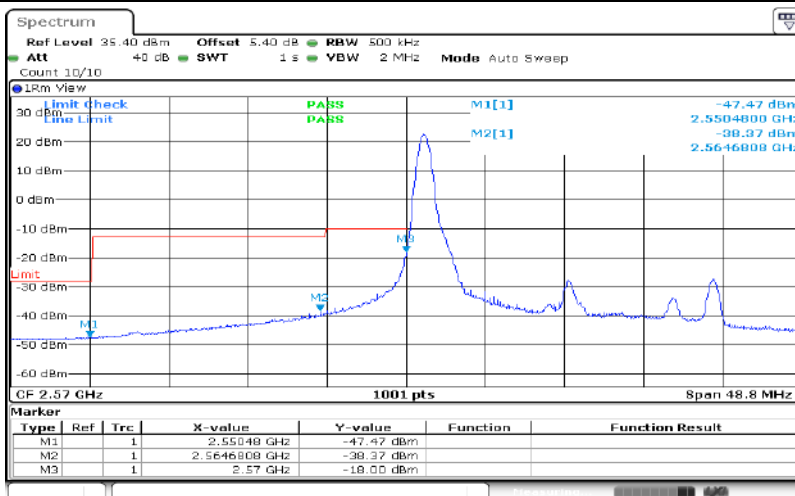


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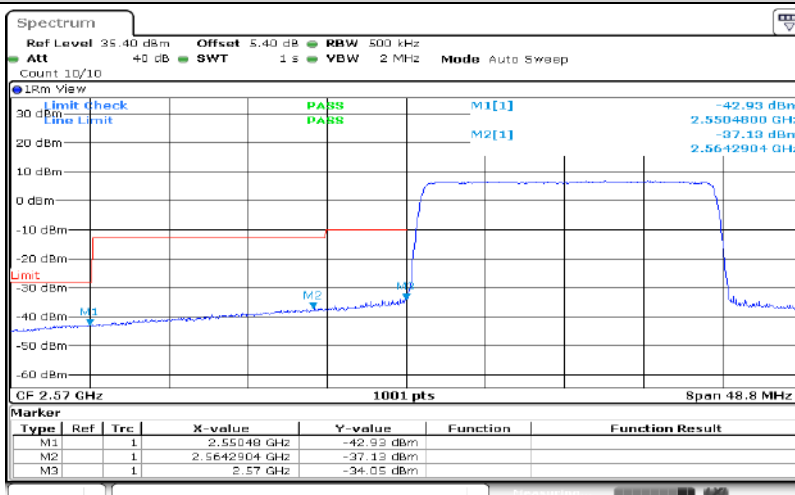
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Band38-20MHz-16QAM-37850-1RB#0

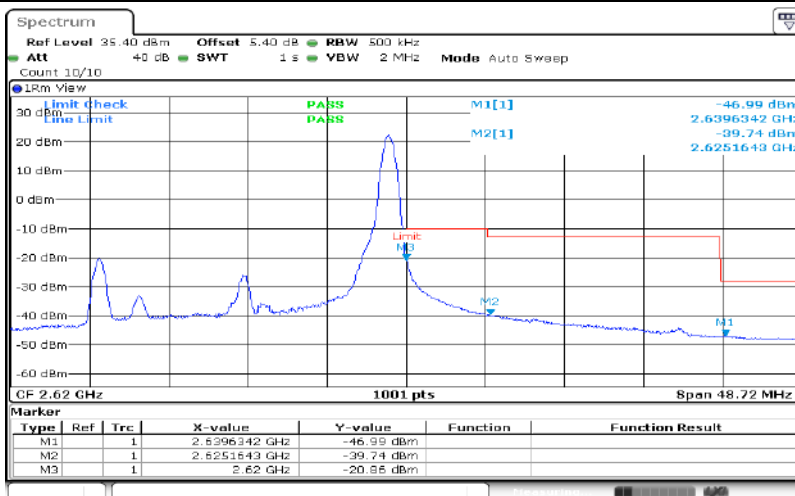


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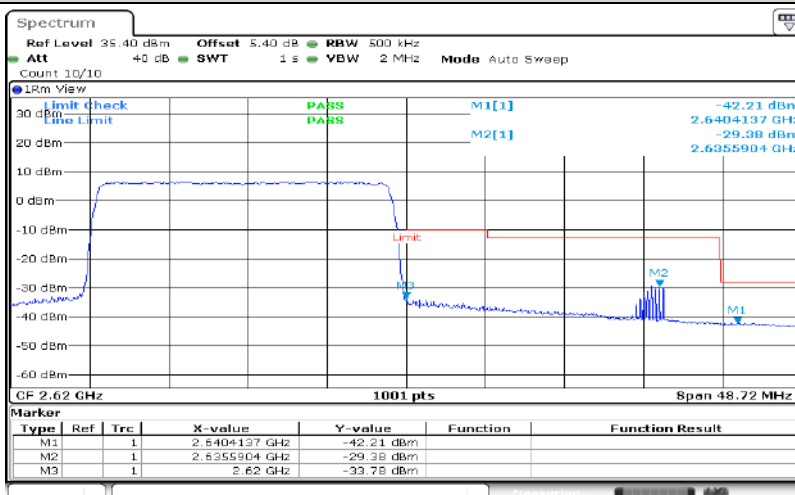


Band38-20MHz-16QAM-38150-1RB#99



Date: 13 APR 2020 01:42:29

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



Date: 13 APR 2020 01:44:08



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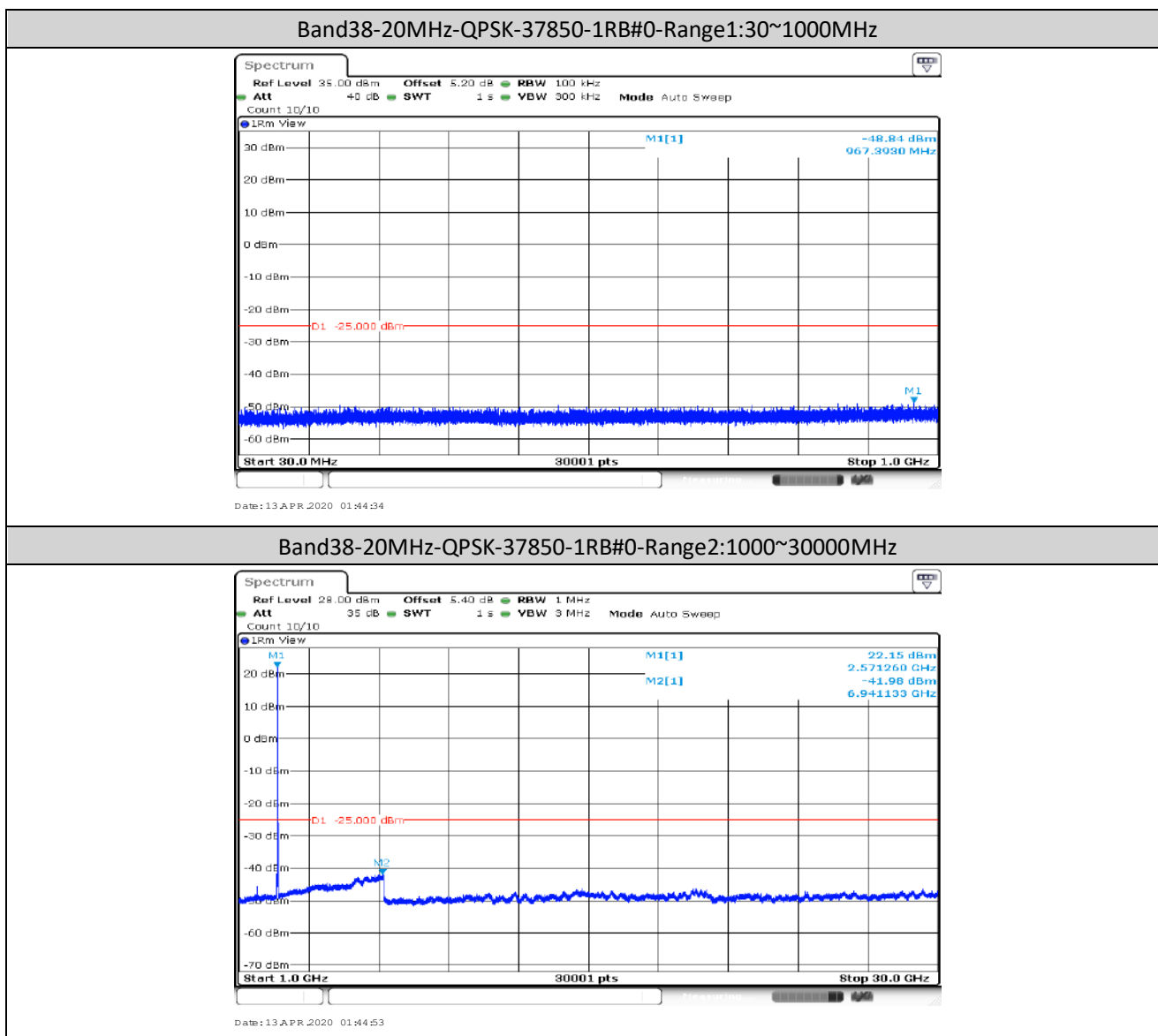
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6. Spurious Emission at Antenna Terminal

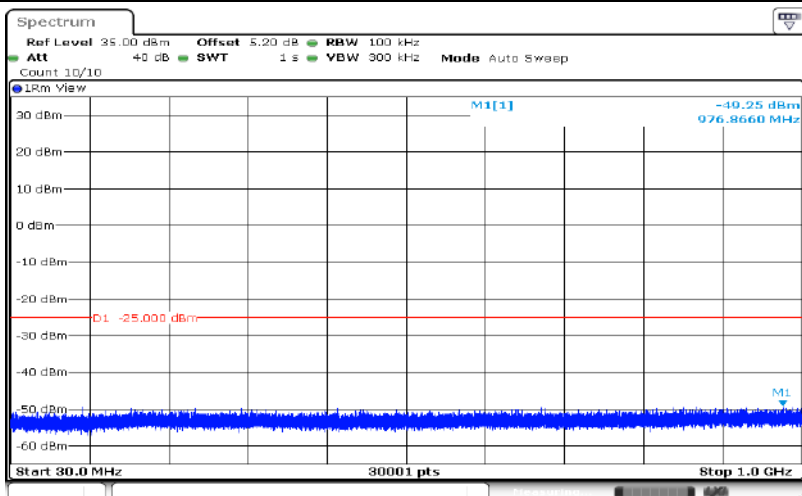
Remark1: For the averaged unwanted emissions measurements, the measurement points in each sweep is greater than twice the Span/RBW in order to ensure bin-to-bin spacing of $< RBW/2$ so that narrowband signals are not lost between frequency bins. As to the present test item, the "Measurement Points = $k * (\text{Span} / RBW)$ " 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

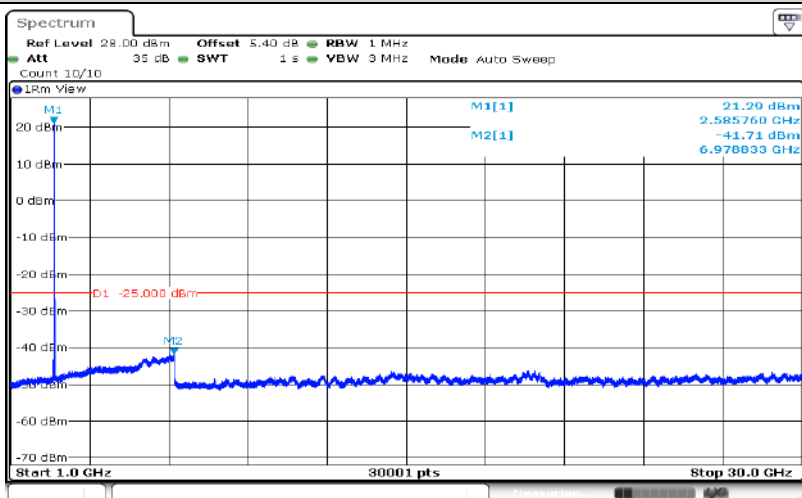


Band38-20MHz-QPSK-38000-1RB#0-Range1:30~1000MHz



Date: 13 APR 2020 01:45:57

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



Date: 13 APR 2020 01:46:17

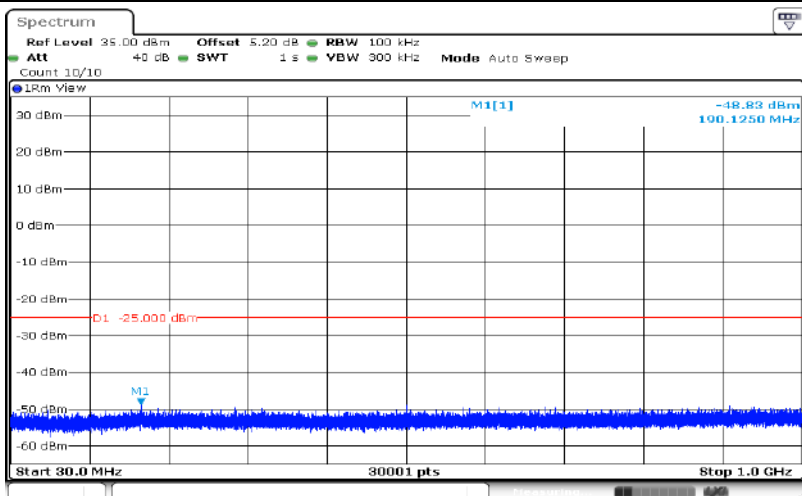


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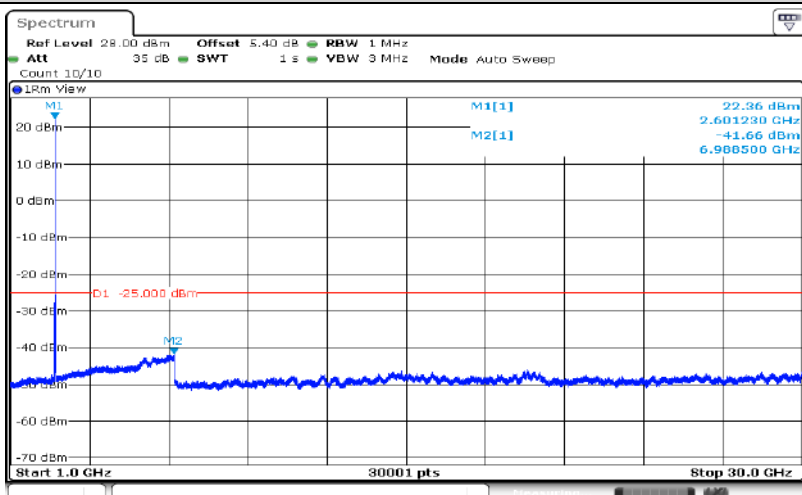
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Band38-20MHz-QPSK-38150-1RB#0-Range1:30~1000MHz



Date: 13 APR 2020 01:47:20

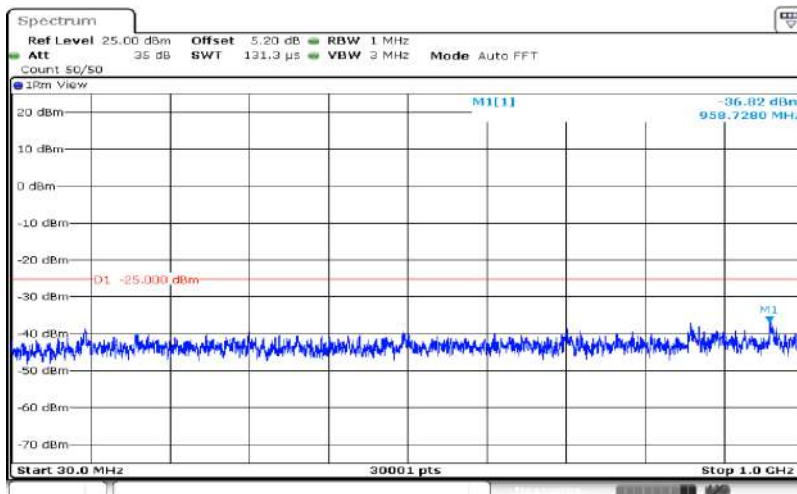
Band38-20MHz-QPSK-38150-1RB#0-Range2:1000~30000MHz



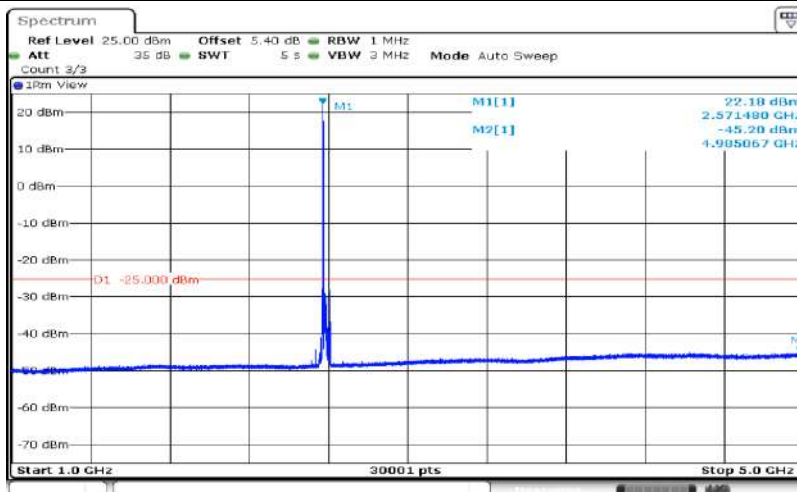
Date: 13 APR 2020 01:47:39



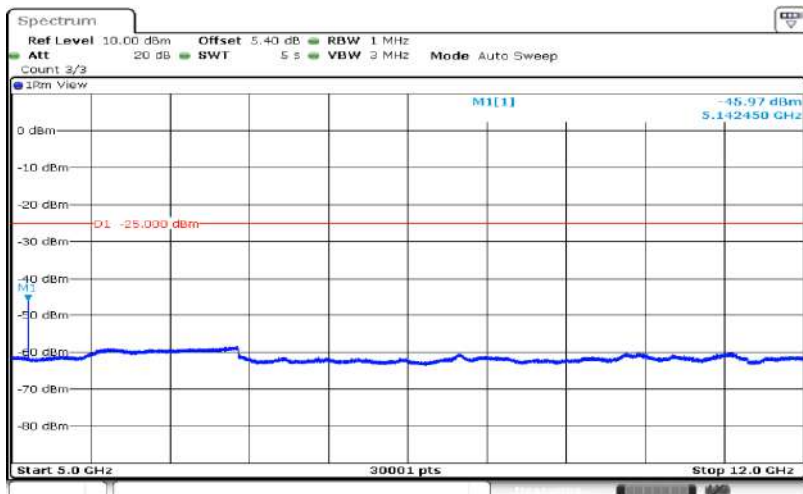
Band38-20MHz-64QAM-37850-1RB#0-Range1:30~1000MHz



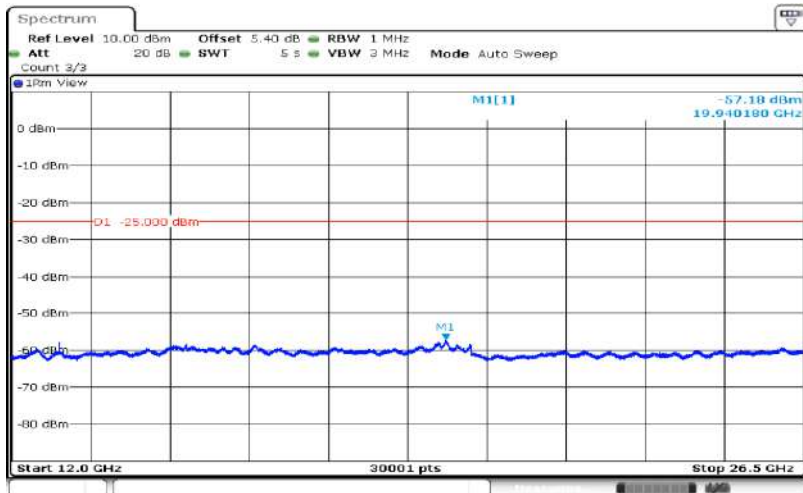
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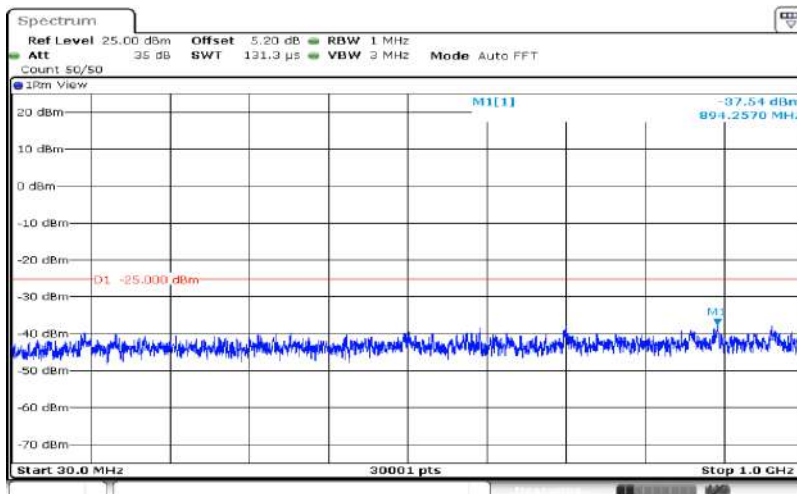
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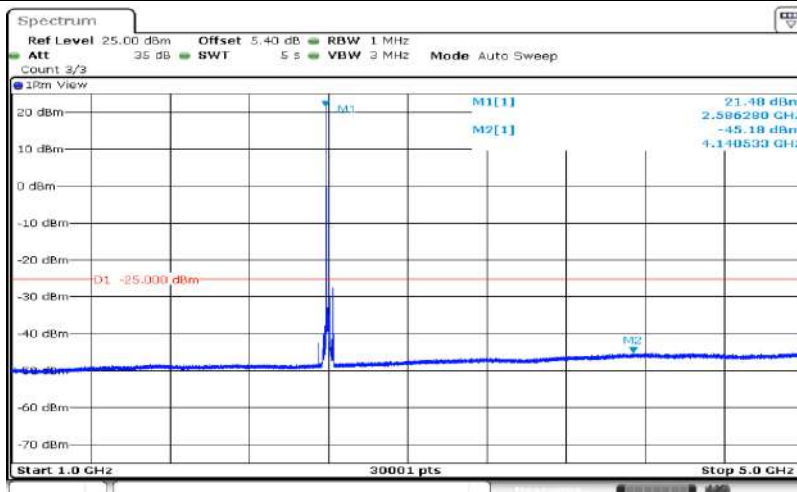
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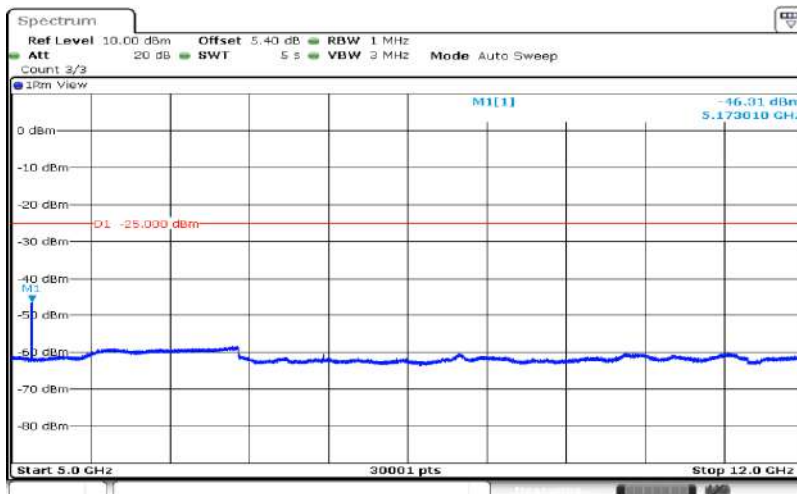
Band38-20MHz-64QAM-38000-1RB#0-Range1:30~1000MHz



Band38-20MHz-64QAM-38000-1RB#0-Range2:1000~5000MHz

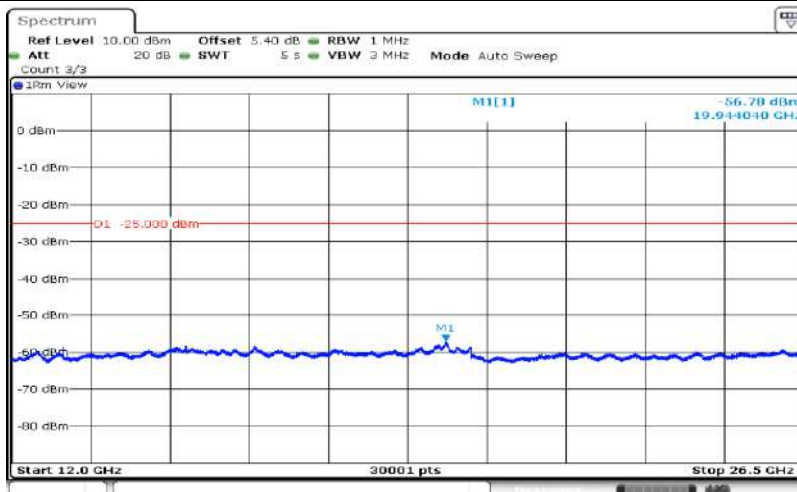


Band38-20MHz-64QAM-38000-1RB#0-Range3:5000~12000MHz



Date: 6 MAY 2020 12:01:58

Band38-20MHz-64QAM-38000-1RB#0-Range4:12000~26500MHz



Date: 6 MAY 2020 12:02:19

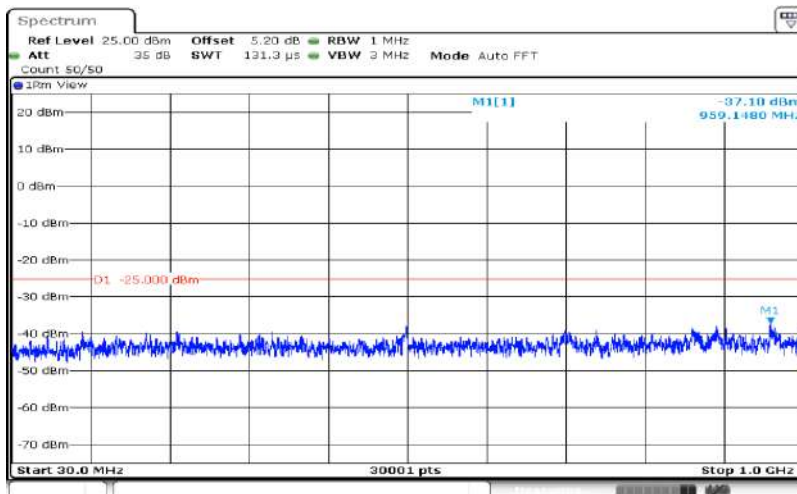


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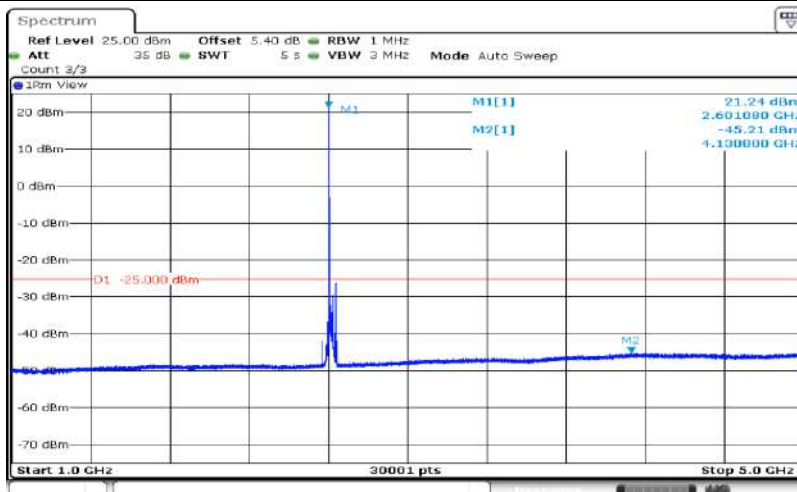
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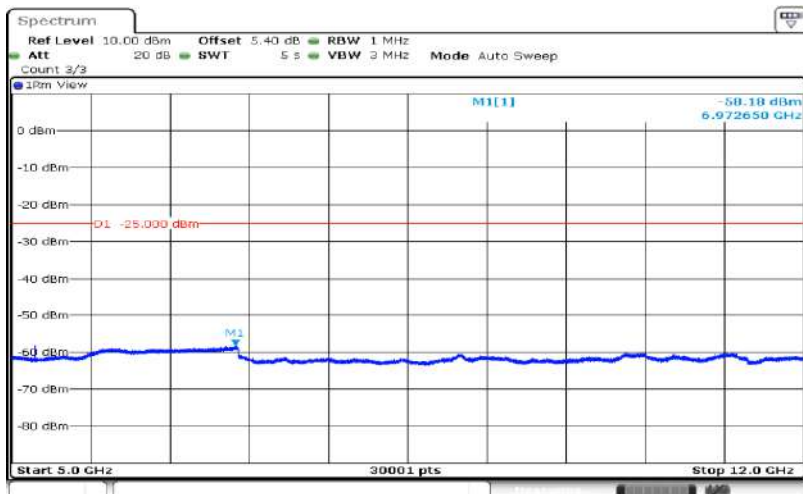
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Band38-20MHz-64QAM-38150-1RB#0-Range2:1000~5000MHz

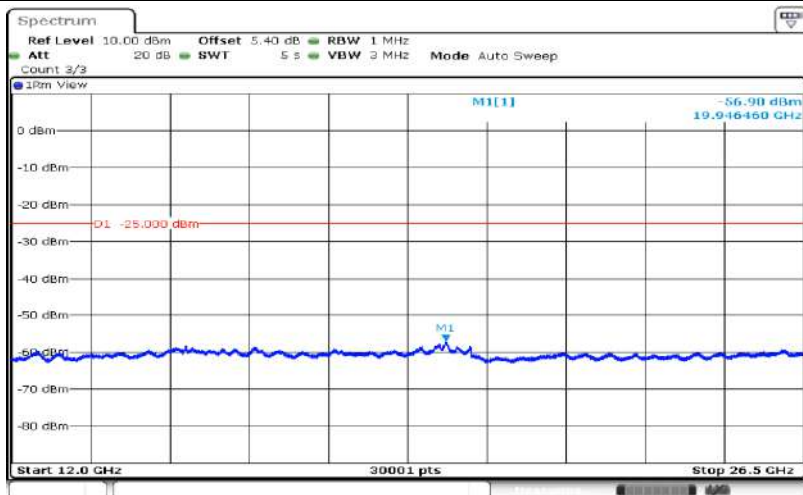


Band38-20MHz-64QAM-38150-1RB#0-Range3:5000~12000MHz



Date: 6 MAY 2020 12:03:15

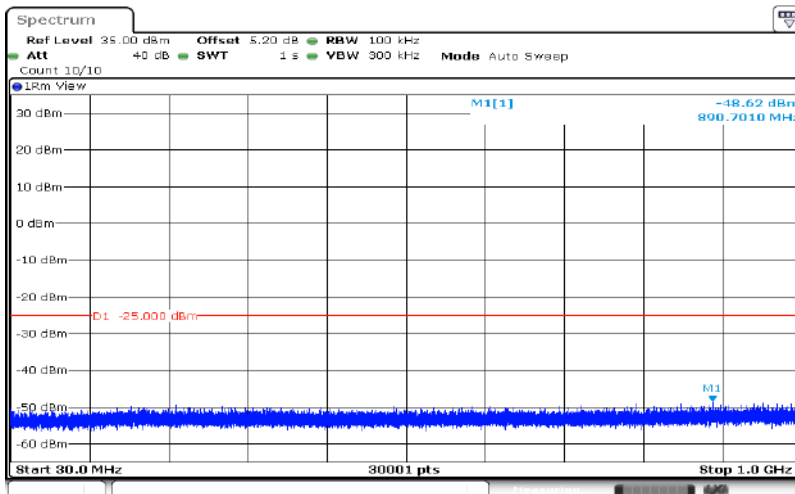
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Date: 6 MAY 2020 12:03:37

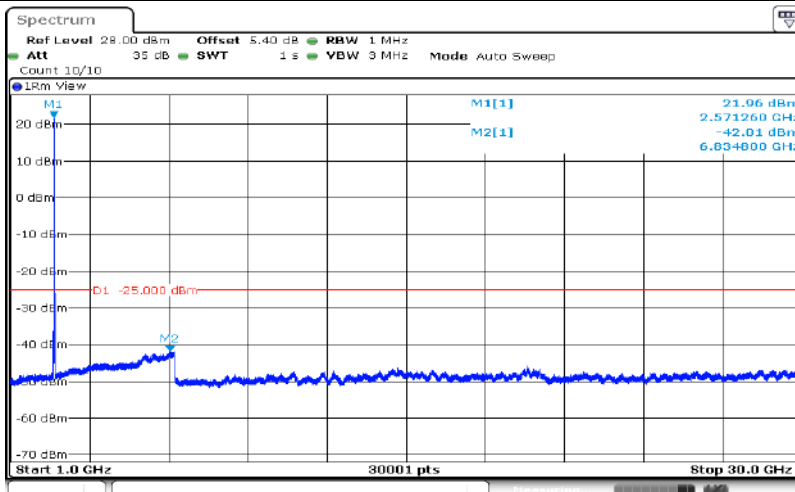


Band38-20MHz-16QAM-37850-1RB#0-Range1:30~1000MHz



Date: 13 APR 2020 01:45:16

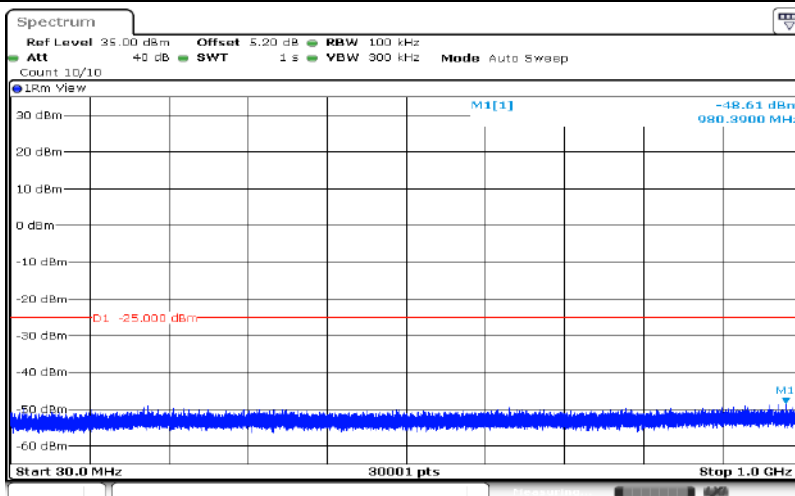
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Date: 13 APR 2020 01:45:36

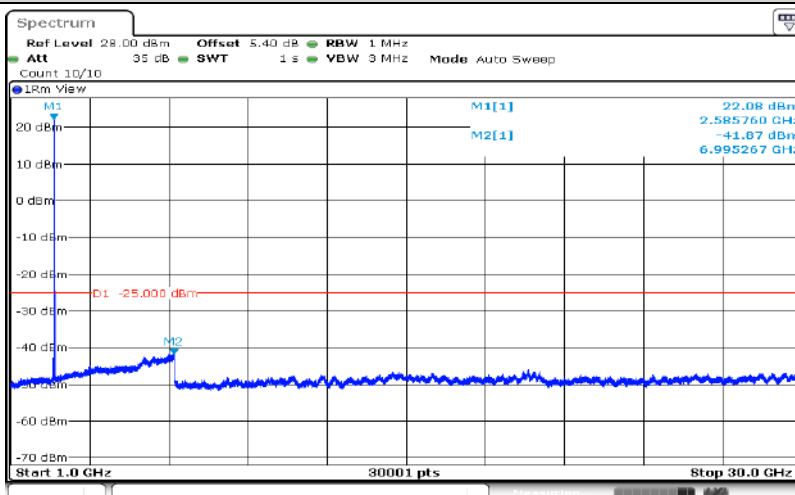


Band38-20MHz-16QAM-38000-1RB#0-Range1:30~1000MHz



Date: 13 APR 2020 01:46:39

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



Date: 13 APR 2020 01:46:58



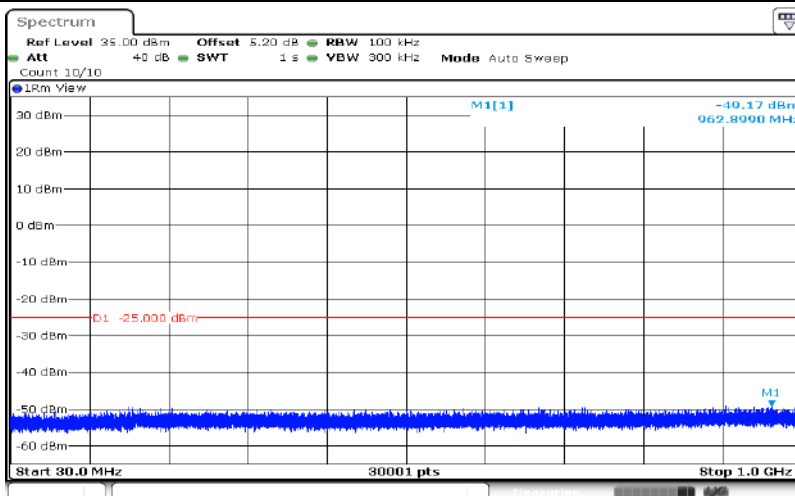
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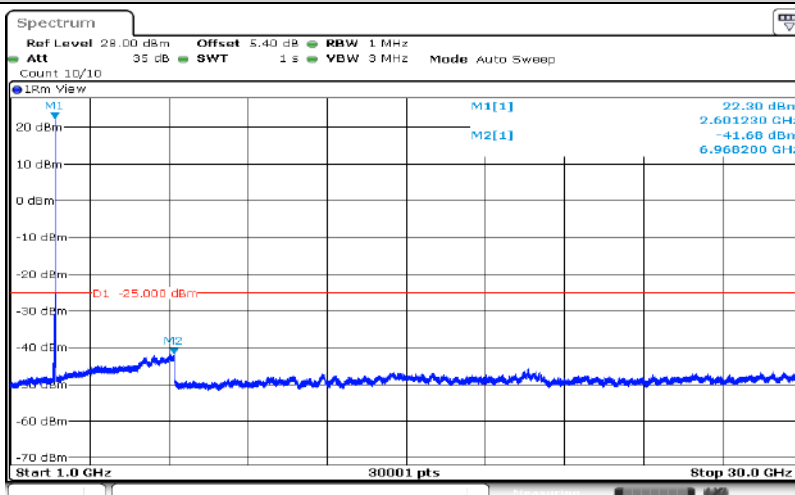
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Band38-20MHz-16QAM-38150-1RB#0-Range1:30~1000MHz



Date: 13 APR 2020 01:48:00

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



Date: 13 APR 2020 01:48:20



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7. Field Strength of Spurious Radiation

7.1. Test Mode =LTE/TM1 20MHz

7.1.1. Test Channel = LCH(Down Antenna)

Frequency (MHz)	Level (dBm)	Limit Line (dBm)	Margin (dB)	Height [cm]	Angle [°]	Polarization
63.450000	-78.76	-25.00	53.76	169	195	Vertical
326.750000	-79.65	-25.00	54.65	107	14	Vertical
926.758333	-74.88	-25.00	49.88	257	190	Vertical
5050.750000	-64.76	-25.00	39.76	110	299	Vertical
7969.900000	-61.60	-25.00	36.60	110	235	Vertical
10602.075000	-60.64	-25.00	35.64	127	251	Vertical
56.100000	-74.97	-25.00	49.97	254	357	Horizontal
266.700000	-86.15	-25.00	61.15	134	284	Horizontal
960.629167	-74.56	-25.00	49.56	300	11	Horizontal
5080.000000	-64.35	-25.00	39.35	156	354	Horizontal
7911.400000	-61.99	-25.00	36.99	164	7	Horizontal
10655.050000	-60.77	-25.00	35.77	271	218	Horizontal

7.1.2. Test Channel = MCH(Down Antenna)

Frequency (MHz)	Level (dBm)	Limit Line (dBm)	Margin (dB)	Height [cm]	Angle [°]	Polarization
65.450000	-78.15	-25.00	53.15	120	355	Vertical
353.200000	-84.25	-25.00	59.25	151	216	Vertical
944.404167	-75.25	-25.00	50.25	105	351	Vertical
5129.075000	-65.40	-25.00	40.40	187	231	Vertical
7820.075000	-62.31	-25.00	37.31	256	220	Vertical
10633.925000	-61.05	-25.00	36.05	262	11	Vertical
62.950000	-75.68	-25.00	50.68	162	242	Horizontal
366.000000	-81.42	-25.00	56.42	214	165	Horizontal
951.875000	-74.76	-25.00	49.76	238	71	Horizontal
5231.775000	-65.59	-25.00	40.59	276	191	Horizontal
7873.050000	-62.17	-25.00	37.17	213	299	Horizontal
10621.575000	-61.07	-25.00	36.07	284	198	Horizontal

7.1.3. Test Channel = HCH(Down Antenna)

Frequency (MHz)	Level (dBm)	Limit Line (dBm)	Margin (dB)	Height [cm]	Angle [°]	Polarization
55.250000	-75.36	-25.00	50.36	187	291	Vertical
261.800000	-85.52	-25.00	60.52	199	111	Vertical
939.637500	-75.26	-25.00	50.26	244	248	Vertical
5083.900000	-64.55	-25.00	39.55	173	321	Vertical
7085.250000	-62.34	-25.00	37.34	110	281	Vertical
10630.350000	-60.32	-25.00	35.32	250	152	Vertical
62.850000	-78.53	-25.00	53.53	129	68	Horizontal
337.450000	-80.36	-25.00	55.36	265	301	Horizontal
926.758333	-75.49	-25.00	50.49	178	337	Horizontal
4945.775000	-64.50	-25.00	39.50	220	206	Horizontal
7095.975000	-62.36	-25.00	37.36	222	173	Horizontal
10646.925000	-60.85	-25.00	35.85	215	146	Horizontal

7.1.4. Test Channel = LCH(Up Antenna)

Frequency (MHz)	Level (dBm)	Limit Line (dBm)	Margin (dB)	Height [cm]	Angle [°]	Polarization
65.250000	-79.11	-25.00	54.11	108	119	Vertical
549.000000	-79.97	-25.00	54.97	169	97	Vertical
941.195833	-74.96	-25.00	49.96	168	76	Vertical
5102.750000	-64.71	-25.00	39.71	247	217	Vertical
7822.025000	-62.30	-25.00	37.30	126	11	Vertical
10620.275000	-60.42	-25.00	35.42	249	96	Vertical
62.950000	-75.15	-25.00	50.15	233	315	Horizontal
267.600000	-85.57	-25.00	60.57	217	120	Horizontal
961.179167	-74.72	-25.00	49.72	203	26	Horizontal
4998.100000	-64.35	-25.00	39.35	199	119	Horizontal
7162.600000	-62.07	-25.00	37.07	216	222	Horizontal
10613.450000	-60.74	-25.00	35.74	119	171	Horizontal

7.1.5. Test Channel = MCH(Up Antenna)

Frequency (MHz)	Level (dBm)	Limit Line (dBm)	Margin (dB)	Height [cm]	Angle [°]	Polarization
60.400000	-75.38	-25.00	50.38	153	148	Vertical
343.600000	-78.64	-25.00	53.64	168	298	Vertical
959.483333	-74.49	-25.00	49.49	297	327	Vertical
5061.800000	-64.42	-25.00	39.42	262	58	Vertical
7158.375000	-62.24	-25.00	37.24	127	289	Vertical
10656.675000	-60.44	-25.00	35.44	127	169	Vertical
62.550000	-73.83	-25.00	48.83	271	89	Horizontal
219.700000	-83.49	-25.00	58.49	297	317	Horizontal
957.375000	-74.61	-25.00	49.61	213	40	Horizontal
5172.300000	-63.95	-25.00	38.95	199	138	Horizontal
7979.000000	-61.54	-25.00	36.54	270	6	Horizontal
10613.450000	-60.81	-25.00	35.81	171	302	Horizontal

7.1.6. Test Channel = HCH(Up Antenna)

Frequency (MHz)	Level (dBm)	Limit Line (dBm)	Margin (dB)	Height [cm]	Angle [°]	Polarization
63.800000	-79.04	-25.00	54.04	182	273	Vertical
358.350000	-83.39	-25.00	58.39	193	278	Vertical
957.283333	-75.14	-25.00	50.14	156	70	Vertical
5186.275000	-65.03	-25.00	40.03	159	30	Vertical
7714.450000	-62.50	-25.00	37.50	151	320	Vertical
10622.875000	-60.68	-25.00	35.68	108	15	Vertical
63.550000	-75.48	-25.00	50.48	243	131	Horizontal
623.204167	-80.41	-25.00	55.41	218	340	Horizontal
938.583333	-74.94	-25.00	49.94	251	149	Horizontal
5201.875000	-63.84	-25.00	38.84	267	281	Horizontal
7799.600000	-61.70	-25.00	36.70	295	165	Horizontal
10612.150000	-60.91	-25.00	35.91	110	248	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	-4.70	-0.001822	±2.5	PASS
Band38	20MHz	QPSK	37850	100RB#0	VN	NT	-4.70	-0.001822	±2.5	PASS
Band38	20MHz	QPSK	37850	100RB#0	VH	NT	-8.30	-0.003217	±2.5	PASS
Band38	20MHz	QPSK	38000	100RB#0	VL	NT	-10.70	-0.004123	±2.5	PASS
Band38	20MHz	QPSK	38000	100RB#0	VN	NT	-6.10	-0.002351	±2.5	PASS
Band38	20MHz	QPSK	38000	100RB#0	VH	NT	1.30	0.000501	±2.5	PASS
Band38	20MHz	QPSK	38150	100RB#0	VL	NT	-4.30	-0.001648	±2.5	PASS
Band38	20MHz	QPSK	38150	100RB#0	VN	NT	-9.70	-0.003716	±2.5	PASS
Band38	20MHz	QPSK	38150	100RB#0	VH	NT	-9.00	-0.003448	±2.5	PASS
Band38	20MHz	16QAM	37850	100RB#0	VL	NT	-11.20	-0.004341	±2.5	PASS
Band38	20MHz	16QAM	37850	100RB#0	VN	NT	0.60	0.000233	±2.5	PASS
Band38	20MHz	16QAM	37850	100RB#0	VH	NT	-6.20	-0.002403	±2.5	PASS
Band38	20MHz	16QAM	38000	100RB#0	VL	NT	-5.60	-0.002158	±2.5	PASS
Band38	20MHz	16QAM	38000	100RB#0	VN	NT	-4.90	-0.001888	±2.5	PASS
Band38	20MHz	16QAM	38000	100RB#0	VH	NT	-5.50	-0.002119	±2.5	PASS
Band38	20MHz	16QAM	38150	100RB#0	VL	NT	-5.90	-0.002261	±2.5	PASS
Band38	20MHz	16QAM	38150	100RB#0	VN	NT	-13.20	-0.005057	±2.5	PASS
Band38	20MHz	16QAM	38150	100RB#0	VH	NT	-8.50	-0.003257	±2.5	PASS



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8.2. Frequency Vs Temperature

Band	Bandwidth	Modulation	Channel	RB Configure	Voltage [Vdc]	Temperature (°C)	Deviation (Hz)	Deviation (ppm)	Limit (ppm)	Verdict
Band38	20MHz	QPSK	37850	100RB#0	NV	-30	-4.50	-0.001744	±2.5	PASS
Band38	20MHz	QPSK	37850	100RB#0	NV	-20	1.50	0.000581	±2.5	PASS
Band38	20MHz	QPSK	37850	100RB#0	NV	0	-0.10	-0.000039	±2.5	PASS
Band38	20MHz	QPSK	37850	100RB#0	NV	10	-2.40	-0.000930	±2.5	PASS
Band38	20MHz	QPSK	37850	100RB#0	NV	20	-5.00	-0.001938	±2.5	PASS
Band38	20MHz	QPSK	37850	100RB#0	NV	30	-1.60	-0.000620	±2.5	PASS
Band38	20MHz	QPSK	37850	100RB#0	NV	40	-6.30	-0.002442	±2.5	PASS
Band38	20MHz	QPSK	37850	100RB#0	NV	50	-1.90	-0.000736	±2.5	PASS
Band38	20MHz	QPSK	38000	100RB#0	NV	-30	-0.10	-0.000039	±2.5	PASS
Band38	20MHz	QPSK	38000	100RB#0	NV	-20	-2.90	-0.001118	±2.5	PASS
Band38	20MHz	QPSK	38000	100RB#0	NV	0	-3.60	-0.001387	±2.5	PASS
Band38	20MHz	QPSK	38000	100RB#0	NV	10	-11.30	-0.004355	±2.5	PASS
Band38	20MHz	QPSK	38000	100RB#0	NV	20	-1.90	-0.000732	±2.5	PASS
Band38	20MHz	QPSK	38000	100RB#0	NV	30	-4.00	-0.001541	±2.5	PASS
Band38	20MHz	QPSK	38000	100RB#0	NV	40	-3.10	-0.001195	±2.5	PASS
Band38	20MHz	QPSK	38000	100RB#0	NV	50	4.30	0.001657	±2.5	PASS
Band38	20MHz	QPSK	38150	100RB#0	NV	-30	-1.30	-0.000498	±2.5	PASS
Band38	20MHz	QPSK	38150	100RB#0	NV	-20	-4.50	-0.001724	±2.5	PASS
Band38	20MHz	QPSK	38150	100RB#0	NV	0	-7.50	-0.002874	±2.5	PASS
Band38	20MHz	QPSK	38150	100RB#0	NV	10	-0.70	-0.000268	±2.5	PASS
Band38	20MHz	QPSK	38150	100RB#0	NV	20	-10.90	-0.004176	±2.5	PASS
Band38	20MHz	QPSK	38150	100RB#0	NV	30	-12.40	-0.004751	±2.5	PASS
Band38	20MHz	QPSK	38150	100RB#0	NV	40	0.10	0.000038	±2.5	PASS
Band38	20MHz	QPSK	38150	100RB#0	NV	50	-7.20	-0.002759	±2.5	PASS
Band38	20MHz	16QAM	37850	100RB#0	NV	-30	-5.90	-0.002287	±2.5	PASS
Band38	20MHz	16QAM	37850	100RB#0	NV	-20	-3.30	-0.001279	±2.5	PASS
Band38	20MHz	16QAM	37850	100RB#0	NV	0	-2.60	-0.001008	±2.5	PASS
Band38	20MHz	16QAM	37850	100RB#0	NV	10	-9.90	-0.003837	±2.5	PASS
Band38	20MHz	16QAM	37850	100RB#0	NV	20	-5.20	-0.002016	±2.5	PASS
Band38	20MHz	16QAM	37850	100RB#0	NV	30	-4.80	-0.001860	±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	3.50	0.001357	±2.5	PASS
Band38	20MHz	16QAM	38000	100RB#0	NV	-30	-2.90	-0.001118	±2.5	PASS
Band38	20MHz	16QAM	38000	100RB#0	NV	-20	-6.80	-0.002620	±2.5	PASS



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Band38	20MHz	16QAM	38000	100RB#0	NV	0	-4.10	-0.001580	±2.5	PASS
Band38	20MHz	16QAM	38000	100RB#0	NV	10	-4.40	-0.001696	±2.5	PASS
Band38	20MHz	16QAM	38000	100RB#0	NV	20	-0.30	-0.000116	±2.5	PASS
Band38	20MHz	16QAM	38000	100RB#0	NV	30	-0.90	-0.000347	±2.5	PASS
Band38	20MHz	16QAM	38000	100RB#0	NV	40	-5.10	-0.001965	±2.5	PASS
Band38	20MHz	16QAM	38000	100RB#0	NV	50	-3.70	-0.001426	±2.5	PASS
Band38	20MHz	16QAM	38150	100RB#0	NV	-30	-2.00	-0.000766	±2.5	PASS
Band38	20MHz	16QAM	38150	100RB#0	NV	-20	-12.20	-0.004674	±2.5	PASS
Band38	20MHz	16QAM	38150	100RB#0	NV	0	-4.80	-0.001839	±2.5	PASS
Band38	20MHz	16QAM	38150	100RB#0	NV	10	-4.40	-0.001686	±2.5	PASS
Band38	20MHz	16QAM	38150	100RB#0	NV	20	-2.90	-0.001111	±2.5	PASS
Band38	20MHz	16QAM	38150	100RB#0	NV	30	-8.10	-0.003103	±2.5	PASS
Band38	20MHz	16QAM	38150	100RB#0	NV	40	0.00	0.000000	±2.5	PASS
Band38	20MHz	16QAM	38150	100RB#0	NV	50	-2.30	-0.000881	±2.5	PASS



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