Appendix B

E-UTRA Band 38

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1 Effective (Isotropic) Radiated Power

1.1. Test Result

MAIN:

Band	Bandwidth	Modulation	Channel	RB Config.	Result (dBm)	EIRP (dBm)	Limit (dBm)	Verdict
Band38	5MHz	QPSK	37775	1RB#0	24.81	24.51	33.00	PASS
Band38	5MHz	QPSK	37775	1RB#12	25.04	24.74	33.00	PASS
Band38	5MHz	QPSK	37775	1RB#24	25.12	24.82	33.00	PASS
Band38	5MHz	QPSK	37775	12RB#0	23.96	23.66	33.00	PASS
Band38	5MHz	QPSK	37775	12RB#6	23.93	23.63	33.00	PASS
Band38	5MHz	QPSK	37775	12RB#13	23.87	23.57	33.00	PASS
Band38	5MHz	QPSK	37775	25RB#0	24.10	23.80	33.00	PASS
Band38	5MHz	QPSK	38000	1RB#0	24.81	24.51	33.00	PASS
Band38	5MHz	QPSK	38000	1RB#12	24.94	24.64	33.00	PASS
Band38	5MHz	QPSK	38000	1RB#24	24.82	24.52	33.00	PASS
Band38	5MHz	QPSK	38000	12RB#0	23.80	23.50	33.00	PASS
Band38	5MHz	QPSK	38000	12RB#6	23.80	23.50	33.00	PASS
Band38	5MHz	QPSK	38000	12RB#13	23.90	23.60	33.00	PASS
Band38	5MHz	QPSK	38000	25RB#0	23.83	23.53	33.00	PASS
Band38	5MHz	QPSK	38225	1RB#0	24.92	24.62	33.00	PASS
Band38	5MHz	QPSK	38225	1RB#12	24.98	24.68	33.00	PASS
Band38	5MHz	QPSK	38225	1RB#24	24.71	24.41	33.00	PASS
Band38	5MHz	QPSK	38225	12RB#0	24.10	23.80	33.00	PASS
Band38	5MHz	QPSK	38225	12RB#6	24.05	23.75	33.00	PASS
Band38	5MHz	QPSK	38225	12RB#13	23.95	23.65	33.00	PASS
Band38	5MHz	QPSK	38225	25RB#0	23.98	23.68	33.00	PASS
Band38	5MHz	16QAM	37775	1RB#0	24.23	23.93	33.00	PASS
Band38	5MHz	16QAM	37775	1RB#12	24.31	24.01	33.00	PASS
Band38	5MHz	16QAM	37775	1RB#24	23.95	23.65	33.00	PASS
Band38	5MHz	16QAM	37775	12RB#0	23.00	22.70	33.00	PASS
Band38	5MHz	16QAM	37775	12RB#6	23.05	22.75	33.00	PASS
Band38	5MHz	16QAM	37775	12RB#13	23.03	22.73	33.00	PASS
Band38	5MHz	16QAM	37775	25RB#0	23.04	22.74	33.00	PASS
Band38	5MHz	16QAM	38000	1RB#0	24.12	23.82	33.00	PASS
Band38	5MHz	16QAM	38000	1RB#12	24.22	23.92	33.00	PASS
Band38	5MHz	16QAM	38000	1RB#24	23.93	23.63	33.00	PASS

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Band38	5MHz	16QAM	38000	12RB#0	22.83	22.53	33.00	PASS
Band38	5MHz	16QAM	38000	12RB#6	22.89	22.59	33.00	PASS
Band38	5MHz	16QAM	38000	12RB#13	22.88	22.58	33.00	PASS
Band38	5MHz	16QAM	38000	25RB#0	22.82	22.52	33.00	PASS
Band38	5MHz	16QAM	38225	1RB#0	24.12	23.82	33.00	PASS
Band38	5MHz	16QAM	38225	1RB#12	24.20	23.90	33.00	PASS
Band38	5MHz	16QAM	38225	1RB#24	23.98	23.68	33.00	PASS
Band38	5MHz	16QAM	38225	12RB#0	22.70	22.40	33.00	PASS
Band38	5MHz	16QAM	38225	12RB#6	22.71	22.41	33.00	PASS
Band38	5MHz	16QAM	38225	12RB#13	22.58	22.28	33.00	PASS
Band38	5MHz	16QAM	38225	25RB#0	22.70	22.40	33.00	PASS
Band38	5MHz	64QAM	37775	1RB#0	22.75	22.45	33.00	PASS
Band38	5MHz	64QAM	37775	1RB#12	22.98	22.68	33.00	PASS
Band38	5MHz	64QAM	37775	1RB#24	23.03	22.73	33.00	PASS
Band38	5MHz	64QAM	37775	12RB#0	21.87	21.57	33.00	PASS
Band38	5MHz	64QAM	37775	12RB#6	21.88	21.58	33.00	PASS
Band38	5MHz	64QAM	37775	12RB#13	21.77	21.47	33.00	PASS
Band38	5MHz	64QAM	37775	25RB#0	22.00	21.70	33.00	PASS
Band38	5MHz	64QAM	38000	1RB#0	22.75	22.45	33.00	PASS
Band38	5MHz	64QAM	38000	1RB#12	22.87	22.57	33.00	PASS
Band38	5MHz	64QAM	38000	1RB#24	22.72	22.42	33.00	PASS
Band38	5MHz	64QAM	38000	12RB#0	21.71	21.41	33.00	PASS
Band38	5MHz	64QAM	38000	12RB#6	21.75	21.45	33.00	PASS
Band38	5MHz	64QAM	38000	12RB#13	21.87	21.57	33.00	PASS
Band38	5MHz	64QAM	38000	25RB#0	21.73	21.43	33.00	PASS
Band38	5MHz	64QAM	38225	1RB#0	22.85	22.55	33.00	PASS
Band38	5MHz	64QAM	38225	1RB#12	22.91	22.61	33.00	PASS
Band38	5MHz	64QAM	38225	1RB#24	22.67	22.37	33.00	PASS
Band38	5MHz	64QAM	38225	12RB#0	22.03	21.73	33.00	PASS
Band38	5MHz	64QAM	38225	12RB#6	21.97	21.67	33.00	PASS
Band38	5MHz	64QAM	38225	12RB#13	21.88	21.58	33.00	PASS
Band38	5MHz	64QAM	38225	25RB#0	21.95	21.65	33.00	PASS
Band38	10MHz	QPSK	37800	1RB#0	24.83	24.53	33.00	PASS
Band38	10MHz	QPSK	37800	1RB#24	25.04	24.74	33.00	PASS
Band38	10MHz	QPSK	37800	1RB#49	25.17	24.87	33.00	PASS
Band38	10MHz	QPSK	37800	25RB#0	24.01	23.71	33.00	PASS
Band38	10MHz	QPSK	37800	25RB#12	23.94	23.64	33.00	PASS
Band38	10MHz	QPSK	37800	25RB#25	23.92	23.62	33.00	PASS

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Band38	10MHz	QPSK	37800	50RB#0	24.13	23.83	33.00	PASS
Band38	10MHz	QPSK	38000	1RB#0	24.86	24.56	33.00	PASS
Band38	10MHz	QPSK	38000	1RB#24	24.96	24.66	33.00	PASS
Band38	10MHz	QPSK	38000	1RB#49	24.86	24.56	33.00	PASS
Band38	10MHz	QPSK	38000	25RB#0	23.81	23.51	33.00	PASS
Band38	10MHz	QPSK	38000	25RB#12	23.85	23.55	33.00	PASS
Band38	10MHz	QPSK	38000	25RB#25	23.95	23.65	33.00	PASS
Band38	10MHz	QPSK	38000	50RB#0	23.88	23.58	33.00	PASS
Band38	10MHz	QPSK	38200	1RB#0	24.94	24.64	33.00	PASS
Band38	10MHz	QPSK	38200	1RB#24	24.98	24.68	33.00	PASS
Band38	10MHz	QPSK	38200	1RB#49	24.74	24.44	33.00	PASS
Band38	10MHz	QPSK	38200	25RB#0	24.14	23.84	33.00	PASS
Band38	10MHz	QPSK	38200	25RB#12	24.05	23.75	33.00	PASS
Band38	10MHz	QPSK	38200	25RB#25	23.95	23.65	33.00	PASS
Band38	10MHz	QPSK	38200	50RB#0	23.99	23.69	33.00	PASS
Band38	10MHz	16QAM	37800	1RB#0	24.25	23.95	33.00	PASS
Band38	10MHz	16QAM	37800	1RB#24	24.33	24.03	33.00	PASS
Band38	10MHz	16QAM	37800	1RB#49	23.98	23.68	33.00	PASS
Band38	10MHz	16QAM	37800	25RB#0	23.05	22.75	33.00	PASS
Band38	10MHz	16QAM	37800	25RB#12	23.06	22.76	33.00	PASS
Band38	10MHz	16QAM	37800	25RB#25	23.04	22.74	33.00	PASS
Band38	10MHz	16QAM	37800	50RB#0	23.06	22.76	33.00	PASS
Band38	10MHz	16QAM	38000	1RB#0	24.12	23.82	33.00	PASS
Band38	10MHz	16QAM	38000	1RB#24	24.22	23.92	33.00	PASS
Band38	10MHz	16QAM	38000	1RB#49	23.98	23.68	33.00	PASS
Band38	10MHz	16QAM	38000	25RB#0	22.88	22.58	33.00	PASS
Band38	10MHz	16QAM	38000	25RB#12	22.92	22.62	33.00	PASS
Band38	10MHz	16QAM	38000	25RB#25	22.92	22.62	33.00	PASS
Band38	10MHz	16QAM	38000	50RB#0	22.82	22.52	33.00	PASS
Band38	10MHz	16QAM	38200	1RB#0	24.13	23.83	33.00	PASS
Band38	10MHz	16QAM	38200	1RB#24	24.20	23.90	33.00	PASS
Band38	10MHz	16QAM	38200	1RB#49	24.01	23.71	33.00	PASS
Band38	10MHz	16QAM	38200	25RB#0	22.70	22.40	33.00	PASS
Band38	10MHz	16QAM	38200	25RB#12	22.73	22.43	33.00	PASS
Band38	10MHz	16QAM	38200	25RB#25	22.62	22.32	33.00	PASS
Band38	10MHz	16QAM	38200	50RB#0	22.73	22.43	33.00	PASS
Band38	10MHz	64QAM	37800	1RB#0	22.76	22.46	33.00	PASS
Band38	10MHz	64QAM	37800	1RB#24	23.01	22.71	33.00	PASS

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Band38	10MHz	64QAM	37800	1RB#49	23.12	22.82	33.00	PASS
Band38	10MHz	64QAM	37800	25RB#0	21.92	21.62	33.00	PASS
Band38	10MHz	64QAM	37800	25RB#12	21.90	21.60	33.00	PASS
Band38	10MHz	64QAM	37800	25RB#25	21.84	21.54	33.00	PASS
Band38	10MHz	64QAM	37800	50RB#0	22.04	21.74	33.00	PASS
Band38	10MHz	64QAM	38000	1RB#0	22.76	22.46	33.00	PASS
Band38	10MHz	64QAM	38000	1RB#24	22.94	22.64	33.00	PASS
Band38	10MHz	64QAM	38000	1RB#49	22.79	22.49	33.00	PASS
Band38	10MHz	64QAM	38000	25RB#0	21.71	21.41	33.00	PASS
Band38	10MHz	64QAM	38000	25RB#12	21.78	21.48	33.00	PASS
Band38	10MHz	64QAM	38000	25RB#25	21.85	21.55	33.00	PASS
Band38	10MHz	64QAM	38000	50RB#0	21.82	21.52	33.00	PASS
Band38	10MHz	64QAM	38200	1RB#0	22.90	22.60	33.00	PASS
Band38	10MHz	64QAM	38200	1RB#24	22.94	22.64	33.00	PASS
Band38	10MHz	64QAM	38200	1RB#49	22.72	22.42	33.00	PASS
Band38	10MHz	64QAM	38200	25RB#0	22.11	21.81	33.00	PASS
Band38	10MHz	64QAM	38200	25RB#12	21.95	21.65	33.00	PASS
Band38	10MHz	64QAM	38200	25RB#25	21.93	21.63	33.00	PASS
Band38	10MHz	64QAM	38200	50RB#0	21.94	21.64	33.00	PASS
Band38	15MHz	QPSK	37825	1RB#0	24.81	24.51	33.00	PASS
Band38	15MHz	QPSK	37825	1RB#38	25.08	24.78	33.00	PASS
Band38	15MHz	QPSK	37825	1RB#74	25.15	24.85	33.00	PASS
Band38	15MHz	QPSK	37825	38RB#0	23.99	23.69	33.00	PASS
Band38	15MHz	QPSK	37825	38RB#18	23.96	23.66	33.00	PASS
Band38	15MHz	QPSK	37825	38RB#37	23.91	23.61	33.00	PASS
Band38	15MHz	QPSK	37825	75RB#0	24.10	23.80	33.00	PASS
Band38	15MHz	QPSK	38000	1RB#0	24.84	24.54	33.00	PASS
Band38	15MHz	QPSK	38000	1RB#38	24.95	24.65	33.00	PASS
Band38	15MHz	QPSK	38000	1RB#74	24.85	24.55	33.00	PASS
Band38	15MHz	QPSK	38000	38RB#0	23.82	23.52	33.00	PASS
Band38	15MHz	QPSK	38000	38RB#18	23.82	23.52	33.00	PASS
Band38	15MHz	QPSK	38000	38RB#37	23.93	23.63	33.00	PASS
Band38	15MHz	QPSK	38000	75RB#0	23.87	23.57	33.00	PASS
Band38	15MHz	QPSK	38175	1RB#0	24.93	24.63	33.00	PASS
Band38	15MHz	QPSK	38175	1RB#38	24.98	24.68	33.00	PASS
Band38	15MHz	QPSK	38175	1RB#74	24.75	24.45	33.00	PASS
Band38	15MHz	QPSK	38175	38RB#0	24.11	23.81	33.00	PASS
Band38	15MHz	QPSK	38175	38RB#18	24.09	23.79	33.00	PASS

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Band38	15MHz	QPSK	38175	38RB#37	23.95	23.65	33.00	PASS
Band38	15MHz	QPSK	38175	75RB#0	24.01	23.71	33.00	PASS
Band38	15MHz	16QAM	37825	1RB#0	24.27	23.97	33.00	PASS
Band38	15MHz	16QAM	37825	1RB#38	24.31	24.01	33.00	PASS
Band38	15MHz	16QAM	37825	1RB#74	24.00	23.70	33.00	PASS
Band38	15MHz	16QAM	37825	38RB#0	23.03	22.73	33.00	PASS
Band38	15MHz	16QAM	37825	38RB#18	23.10	22.80	33.00	PASS
Band38	15MHz	16QAM	37825	38RB#37	23.03	22.73	33.00	PASS
Band38	15MHz	16QAM	37825	75RB#0	23.04	22.74	33.00	PASS
Band38	15MHz	16QAM	38000	1RB#0	24.17	23.87	33.00	PASS
Band38	15MHz	16QAM	38000	1RB#38	24.22	23.92	33.00	PASS
Band38	15MHz	16QAM	38000	1RB#74	23.96	23.66	33.00	PASS
Band38	15MHz	16QAM	38000	38RB#0	22.87	22.57	33.00	PASS
Band38	15MHz	16QAM	38000	38RB#18	22.90	22.60	33.00	PASS
Band38	15MHz	16QAM	38000	38RB#37	22.89	22.59	33.00	PASS
Band38	15MHz	16QAM	38000	75RB#0	22.82	22.52	33.00	PASS
Band38	15MHz	16QAM	38175	1RB#0	24.14	23.84	33.00	PASS
Band38	15MHz	16QAM	38175	1RB#38	24.24	23.94	33.00	PASS
Band38	15MHz	16QAM	38175	1RB#74	23.99	23.69	33.00	PASS
Band38	15MHz	16QAM	38175	38RB#0	22.71	22.41	33.00	PASS
Band38	15MHz	16QAM	38175	38RB#18	22.73	22.43	33.00	PASS
Band38	15MHz	16QAM	38175	38RB#37	22.63	22.33	33.00	PASS
Band38	15MHz	16QAM	38175	75RB#0	22.73	22.43	33.00	PASS
Band38	15MHz	64QAM	37825	1RB#0	22.77	22.47	33.00	PASS
Band38	15MHz	64QAM	37825	1RB#38	23.05	22.75	33.00	PASS
Band38	15MHz	64QAM	37825	1RB#74	23.06	22.76	33.00	PASS
Band38	15MHz	64QAM	37825	38RB#0	21.93	21.63	33.00	PASS
Band38	15MHz	64QAM	37825	38RB#18	21.86	21.56	33.00	PASS
Band38	15MHz	64QAM	37825	38RB#37	21.84	21.54	33.00	PASS
Band38	15MHz	64QAM	37825	75RB#0	22.06	21.76	33.00	PASS
Band38	15MHz	64QAM	38000	1RB#0	22.79	22.49	33.00	PASS
Band38	15MHz	64QAM	38000	1RB#38	22.88	22.58	33.00	PASS
Band38	15MHz	64QAM	38000	1RB#74	22.76	22.46	33.00	PASS
Band38	15MHz	64QAM	38000	38RB#0	21.80	21.50	33.00	PASS
Band38	15MHz	64QAM	38000	38RB#18	21.74	21.44	33.00	PASS
Band38	15MHz	64QAM	38000	38RB#37	21.90	21.60	33.00	PASS
Band38	15MHz	64QAM	38000	75RB#0	21.82	21.52	33.00	PASS
Band38	15MHz	64QAM	38175	1RB#0	22.89	22.59	33.00	PASS

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Band38	15MHz	64QAM	38175	1RB#38	22.95	22.65	33.00	PASS
Band38	15MHz	64QAM	38175	1RB#74	22.69	22.39	33.00	PASS
Band38	15MHz	64QAM	38175	38RB#0	22.06	21.76	33.00	PASS
Band38	15MHz	64QAM	38175	38RB#18	22.07	21.77	33.00	PASS
Band38	15MHz	64QAM	38175	38RB#37	21.85	21.55	33.00	PASS
Band38	15MHz	64QAM	38175	75RB#0	21.99	21.69	33.00	PASS
Band38	20MHz	QPSK	37850	1RB#0	24.86	24.56	33.00	PASS
Band38	20MHz	QPSK	37850	1RB#49	25.08	24.78	33.00	PASS
Band38	20MHz	QPSK	37850	1RB#99	24.98	24.68	33.00	PASS
Band38	20MHz	QPSK	37850	50RB#0	23.97	23.67	33.00	PASS
Band38	20MHz	QPSK	37850	50RB#25	23.93	23.63	33.00	PASS
Band38	20MHz	QPSK	37850	50RB#50	23.91	23.61	33.00	PASS
Band38	20MHz	QPSK	37850	100RB#0	24.12	23.82	33.00	PASS
Band38	20MHz	QPSK	38000	1RB#0	24.81	24.51	33.00	PASS
Band38	20MHz	QPSK	38000	1RB#49	25.13	24.83	33.00	PASS
Band38	20MHz	QPSK	38000	1RB#99	24.93	24.63	33.00	PASS
Band38	20MHz	QPSK	38000	50RB#0	23.80	23.50	33.00	PASS
Band38	20MHz	QPSK	38000	50RB#25	23.84	23.54	33.00	PASS
Band38	20MHz	QPSK	38000	50RB#50	23.90	23.60	33.00	PASS
Band38	20MHz	QPSK	38000	100RB#0	23.85	23.55	33.00	PASS
Band38	20MHz	QPSK	38150	1RB#0	24.95	24.65	33.00	PASS
Band38	20MHz	QPSK	38150	1RB#49	25.01	24.71	33.00	PASS
Band38	20MHz	QPSK	38150	1RB#99	24.84	24.54	33.00	PASS
Band38	20MHz	QPSK	38150	50RB#0	23.85	23.55	33.00	PASS
Band38	20MHz	QPSK	38150	50RB#25	23.74	23.44	33.00	PASS
Band38	20MHz	QPSK	38150	50RB#50	23.96	23.66	33.00	PASS
Band38	20MHz	QPSK	38150	100RB#0	24.03	23.73	33.00	PASS
Band38	20MHz	16QAM	37850	1RB#0	24.26	23.96	33.00	PASS
Band38	20MHz	16QAM	37850	1RB#49	24.35	24.05	33.00	PASS
Band38	20MHz	16QAM	37850	1RB#99	23.95	23.65	33.00	PASS
Band38	20MHz	16QAM	37850	50RB#0	23.04	22.74	33.00	PASS
Band38	20MHz	16QAM	37850	50RB#25	23.10	22.80	33.00	PASS
Band38	20MHz	16QAM	37850	50RB#50	23.06	22.76	33.00	PASS
Band38	20MHz	16QAM	37850	100RB#0	23.09	22.79	33.00	PASS
Band38	20MHz	16QAM	38000	1RB#0	24.16	23.86	33.00	PASS
Band38	20MHz	16QAM	38000	1RB#49	24.25	23.95	33.00	PASS
Band38	20MHz	16QAM	38000	1RB#99	23.95	23.65	33.00	PASS
Band38	20MHz	16QAM	38000	50RB#0	22.88	22.58	33.00	PASS

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Band38	20MHz	16QAM	38000	50RB#25	22.91	22.61	33.00	PASS
Band38	20MHz	16QAM	38000	50RB#50	22.90	22.60	33.00	PASS
Band38	20MHz	16QAM	38000	100RB#0	22.87	22.57	33.00	PASS
Band38	20MHz	16QAM	38150	1RB#0	24.16	23.86	33.00	PASS
Band38	20MHz	16QAM	38150	1RB#49	24.21	23.91	33.00	PASS
Band38	20MHz	16QAM	38150	1RB#99	24.01	23.71	33.00	PASS
Band38	20MHz	16QAM	38150	50RB#0	22.74	22.44	33.00	PASS
Band38	20MHz	16QAM	38150	50RB#25	22.76	22.46	33.00	PASS
Band38	20MHz	16QAM	38150	50RB#50	22.63	22.33	33.00	PASS
Band38	20MHz	16QAM	38150	100RB#0	22.75	22.45	33.00	PASS
Band38	20MHz	64QAM	37850	1RB#0	22.81	22.51	33.00	PASS
Band38	20MHz	64QAM	37850	1RB#49	23.06	22.76	33.00	PASS
Band38	20MHz	64QAM	37850	1RB#99	22.90	22.60	33.00	PASS
Band38	20MHz	64QAM	37850	50RB#0	21.92	21.62	33.00	PASS
Band38	20MHz	64QAM	37850	50RB#25	21.83	21.53	33.00	PASS
Band38	20MHz	64QAM	37850	50RB#50	21.84	21.54	33.00	PASS
Band38	20MHz	64QAM	37850	100RB#0	22.06	21.76	33.00	PASS
Band38	20MHz	64QAM	38000	1RB#0	22.75	22.45	33.00	PASS
Band38	20MHz	64QAM	38000	1RB#49	23.09	22.79	33.00	PASS
Band38	20MHz	64QAM	38000	1RB#99	22.86	22.56	33.00	PASS
Band38	20MHz	64QAM	38000	50RB#0	21.77	21.47	33.00	PASS
Band38	20MHz	64QAM	38000	50RB#25	21.75	21.45	33.00	PASS
Band38	20MHz	64QAM	38000	50RB#50	21.81	21.51	33.00	PASS
Band38	20MHz	64QAM	38000	100RB#0	21.80	21.50	33.00	PASS
Band38	20MHz	64QAM	38150	1RB#0	22.90	22.60	33.00	PASS
Band38	20MHz	64QAM	38150	1RB#49	22.99	22.69	33.00	PASS
Band38	20MHz	64QAM	38150	1RB#99	22.75	22.45	33.00	PASS
Band38	20MHz	64QAM	38150	50RB#0	21.76	21.46	33.00	PASS
Band38	20MHz	64QAM	38150	50RB#25	21.71	21.41	33.00	PASS
Band38	20MHz	64QAM	38150	50RB#50	21.87	21.57	33.00	PASS
Band38	20MHz	64QAM	38150	100RB#0	21.98	21.68	33.00	PASS

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DIV：

Band	Bandwidth	Modulation	Channel	RB Config.	Result (dBm)	EIRP (dBm)	Limit (dBm)	Verdict
Band38	5MHz	QPSK	37775	1RB#0	22.27	22.27	33.00	PASS
Band38	5MHz	QPSK	37775	1RB#12	22.33	22.33	33.00	PASS
Band38	5MHz	QPSK	37775	1RB#24	22.03	22.03	33.00	PASS
Band38	5MHz	QPSK	37775	12RB#0	22.12	22.12	33.00	PASS
Band38	5MHz	QPSK	37775	12RB#6	22.18	22.18	33.00	PASS
Band38	5MHz	QPSK	37775	12RB#13	22.05	22.05	33.00	PASS
Band38	5MHz	QPSK	37775	25RB#0	22.18	22.18	33.00	PASS
Band38	5MHz	QPSK	38000	1RB#0	22.00	22.00	33.00	PASS
Band38	5MHz	QPSK	38000	1RB#12	22.22	22.22	33.00	PASS
Band38	5MHz	QPSK	38000	1RB#24	22.15	22.15	33.00	PASS
Band38	5MHz	QPSK	38000	12RB#0	22.05	22.05	33.00	PASS
Band38	5MHz	QPSK	38000	12RB#6	22.04	22.04	33.00	PASS
Band38	5MHz	QPSK	38000	12RB#13	22.19	22.19	33.00	PASS
Band38	5MHz	QPSK	38000	25RB#0	22.28	22.28	33.00	PASS
Band38	5MHz	QPSK	38225	1RB#0	22.22	22.22	33.00	PASS
Band38	5MHz	QPSK	38225	1RB#12	21.91	21.91	33.00	PASS
Band38	5MHz	QPSK	38225	1RB#24	21.97	21.97	33.00	PASS
Band38	5MHz	QPSK	38225	12RB#0	21.89	21.89	33.00	PASS
Band38	5MHz	QPSK	38225	12RB#6	21.83	21.83	33.00	PASS
Band38	5MHz	QPSK	38225	12RB#13	22.23	22.23	33.00	PASS
Band38	5MHz	QPSK	38225	25RB#0	22.23	22.23	33.00	PASS
Band38	5MHz	16QAM	37775	1RB#0	22.26	22.26	33.00	PASS
Band38	5MHz	16QAM	37775	1RB#12	22.30	22.30	33.00	PASS
Band38	5MHz	16QAM	37775	1RB#24	22.17	22.17	33.00	PASS
Band38	5MHz	16QAM	37775	12RB#0	21.49	21.49	33.00	PASS
Band38	5MHz	16QAM	37775	12RB#6	21.43	21.43	33.00	PASS
Band38	5MHz	16QAM	37775	12RB#13	21.47	21.47	33.00	PASS
Band38	5MHz	16QAM	37775	25RB#0	21.50	21.50	33.00	PASS
Band38	5MHz	16QAM	38000	1RB#0	22.32	22.32	33.00	PASS
Band38	5MHz	16QAM	38000	1RB#12	22.12	22.12	33.00	PASS
Band38	5MHz	16QAM	38000	1RB#24	22.16	22.16	33.00	PASS
Band38	5MHz	16QAM	38000	12RB#0	21.40	21.40	33.00	PASS
Band38	5MHz	16QAM	38000	12RB#6	21.38	21.38	33.00	PASS
Band38	5MHz	16QAM	38000	12RB#13	21.29	21.29	33.00	PASS
Band38	5MHz	16QAM	38000	25RB#0	21.24	21.24	33.00	PASS

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Band38	5MHz	16QAM	38225	1RB#0	22.05	22.05	33.00	PASS
Band38	5MHz	16QAM	38225	1RB#12	22.17	22.17	33.00	PASS
Band38	5MHz	16QAM	38225	1RB#24	22.15	22.15	33.00	PASS
Band38	5MHz	16QAM	38225	12RB#0	21.34	21.34	33.00	PASS
Band38	5MHz	16QAM	38225	12RB#6	21.28	21.28	33.00	PASS
Band38	5MHz	16QAM	38225	12RB#13	21.21	21.21	33.00	PASS
Band38	5MHz	16QAM	38225	25RB#0	21.29	21.29	33.00	PASS
Band38	5MHz	64QAM	37775	1RB#0	21.17	21.17	33.00	PASS
Band38	5MHz	64QAM	37775	1RB#12	21.21	21.21	33.00	PASS
Band38	5MHz	64QAM	37775	1RB#24	21.10	21.10	33.00	PASS
Band38	5MHz	64QAM	37775	12RB#0	20.41	20.41	33.00	PASS
Band38	5MHz	64QAM	37775	12RB#6	20.35	20.35	33.00	PASS
Band38	5MHz	64QAM	37775	12RB#13	20.41	20.41	33.00	PASS
Band38	5MHz	64QAM	37775	25RB#0	20.40	20.40	33.00	PASS
Band38	5MHz	64QAM	38000	1RB#0	21.30	21.30	33.00	PASS
Band38	5MHz	64QAM	38000	1RB#12	21.07	21.07	33.00	PASS
Band38	5MHz	64QAM	38000	1RB#24	21.09	21.09	33.00	PASS
Band38	5MHz	64QAM	38000	12RB#0	20.31	20.31	33.00	PASS
Band38	5MHz	64QAM	38000	12RB#6	20.35	20.35	33.00	PASS
Band38	5MHz	64QAM	38000	12RB#13	20.27	20.27	33.00	PASS
Band38	5MHz	64QAM	38000	25RB#0	20.22	20.22	33.00	PASS
Band38	5MHz	64QAM	38225	1RB#0	20.95	20.95	33.00	PASS
Band38	5MHz	64QAM	38225	1RB#12	21.09	21.09	33.00	PASS
Band38	5MHz	64QAM	38225	1RB#24	21.09	21.09	33.00	PASS
Band38	5MHz	64QAM	38225	12RB#0	20.27	20.27	33.00	PASS
Band38	5MHz	64QAM	38225	12RB#6	20.26	20.26	33.00	PASS
Band38	5MHz	64QAM	38225	12RB#13	20.19	20.19	33.00	PASS
Band38	5MHz	64QAM	38225	25RB#0	20.25	20.25	33.00	PASS
Band38	10MHz	QPSK	37800	1RB#0	22.31	22.31	33.00	PASS
Band38	10MHz	QPSK	37800	1RB#24	22.38	22.38	33.00	PASS
Band38	10MHz	QPSK	37800	1RB#49	22.08	22.08	33.00	PASS
Band38	10MHz	QPSK	37800	25RB#0	22.12	22.12	33.00	PASS
Band38	10MHz	QPSK	37800	25RB#12	22.19	22.19	33.00	PASS
Band38	10MHz	QPSK	37800	25RB#25	22.05	22.05	33.00	PASS
Band38	10MHz	QPSK	37800	50RB#0	22.20	22.20	33.00	PASS
Band38	10MHz	QPSK	38000	1RB#0	22.04	22.04	33.00	PASS
Band38	10MHz	QPSK	38000	1RB#24	22.24	22.24	33.00	PASS
Band38	10MHz	QPSK	38000	1RB#49	22.18	22.18	33.00	PASS

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Band38	10MHz	QPSK	38000	25RB#0	22.13	22.13	33.00	PASS
Band38	10MHz	QPSK	38000	25RB#12	22.10	22.10	33.00	PASS
Band38	10MHz	QPSK	38000	25RB#25	22.22	22.22	33.00	PASS
Band38	10MHz	QPSK	38000	50RB#0	22.34	22.34	33.00	PASS
Band38	10MHz	QPSK	38200	1RB#0	22.23	22.23	33.00	PASS
Band38	10MHz	QPSK	38200	1RB#24	21.97	21.97	33.00	PASS
Band38	10MHz	QPSK	38200	1RB#49	21.97	21.97	33.00	PASS
Band38	10MHz	QPSK	38200	25RB#0	21.98	21.98	33.00	PASS
Band38	10MHz	QPSK	38200	25RB#12	21.86	21.86	33.00	PASS
Band38	10MHz	QPSK	38200	25RB#25	22.24	22.24	33.00	PASS
Band38	10MHz	QPSK	38200	50RB#0	22.28	22.28	33.00	PASS
Band38	10MHz	16QAM	37800	1RB#0	22.29	22.29	33.00	PASS
Band38	10MHz	16QAM	37800	1RB#24	22.34	22.34	33.00	PASS
Band38	10MHz	16QAM	37800	1RB#49	22.17	22.17	33.00	PASS
Band38	10MHz	16QAM	37800	25RB#0	21.53	21.53	33.00	PASS
Band38	10MHz	16QAM	37800	25RB#12	21.44	21.44	33.00	PASS
Band38	10MHz	16QAM	37800	25RB#25	21.51	21.51	33.00	PASS
Band38	10MHz	16QAM	37800	50RB#0	21.55	21.55	33.00	PASS
Band38	10MHz	16QAM	38000	1RB#0	22.33	22.33	33.00	PASS
Band38	10MHz	16QAM	38000	1RB#24	22.21	22.21	33.00	PASS
Band38	10MHz	16QAM	38000	1RB#49	22.21	22.21	33.00	PASS
Band38	10MHz	16QAM	38000	25RB#0	21.48	21.48	33.00	PASS
Band38	10MHz	16QAM	38000	25RB#12	21.47	21.47	33.00	PASS
Band38	10MHz	16QAM	38000	25RB#25	21.38	21.38	33.00	PASS
Band38	10MHz	16QAM	38000	50RB#0	21.32	21.32	33.00	PASS
Band38	10MHz	16QAM	38200	1RB#0	22.12	22.12	33.00	PASS
Band38	10MHz	16QAM	38200	1RB#24	22.22	22.22	33.00	PASS
Band38	10MHz	16QAM	38200	1RB#49	22.25	22.25	33.00	PASS
Band38	10MHz	16QAM	38200	25RB#0	21.44	21.44	33.00	PASS
Band38	10MHz	16QAM	38200	25RB#12	21.37	21.37	33.00	PASS
Band38	10MHz	16QAM	38200	25RB#25	21.29	21.29	33.00	PASS
Band38	10MHz	16QAM	38200	50RB#0	21.29	21.29	33.00	PASS
Band38	10MHz	64QAM	37800	1RB#0	21.25	21.25	33.00	PASS
Band38	10MHz	64QAM	37800	1RB#24	21.26	21.26	33.00	PASS
Band38	10MHz	64QAM	37800	1RB#49	21.09	21.09	33.00	PASS
Band38	10MHz	64QAM	37800	25RB#0	20.45	20.45	33.00	PASS
Band38	10MHz	64QAM	37800	25RB#12	20.36	20.36	33.00	PASS
Band38	10MHz	64QAM	37800	25RB#25	20.42	20.42	33.00	PASS

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Band38	10MHz	64QAM	37800	50RB#0	20.51	20.51	33.00	PASS
Band38	10MHz	64QAM	38000	1RB#0	21.27	21.27	33.00	PASS
Band38	10MHz	64QAM	38000	1RB#24	21.12	21.12	33.00	PASS
Band38	10MHz	64QAM	38000	1RB#49	21.12	21.12	33.00	PASS
Band38	10MHz	64QAM	38000	25RB#0	20.39	20.39	33.00	PASS
Band38	10MHz	64QAM	38000	25RB#12	20.44	20.44	33.00	PASS
Band38	10MHz	64QAM	38000	25RB#25	20.32	20.32	33.00	PASS
Band38	10MHz	64QAM	38000	50RB#0	20.28	20.28	33.00	PASS
Band38	10MHz	64QAM	38200	1RB#0	21.09	21.09	33.00	PASS
Band38	10MHz	64QAM	38200	1RB#24	21.16	21.16	33.00	PASS
Band38	10MHz	64QAM	38200	1RB#49	21.17	21.17	33.00	PASS
Band38	10MHz	64QAM	38200	25RB#0	20.41	20.41	33.00	PASS
Band38	10MHz	64QAM	38200	25RB#12	20.35	20.35	33.00	PASS
Band38	10MHz	64QAM	38200	25RB#25	20.22	20.22	33.00	PASS
Band38	10MHz	64QAM	38200	50RB#0	20.19	20.19	33.00	PASS
Band38	15MHz	QPSK	37825	1RB#0	22.31	22.31	33.00	PASS
Band38	15MHz	QPSK	37825	1RB#38	22.33	22.33	33.00	PASS
Band38	15MHz	QPSK	37825	1RB#74	22.08	22.08	33.00	PASS
Band38	15MHz	QPSK	37825	38RB#0	22.16	22.16	33.00	PASS
Band38	15MHz	QPSK	37825	38RB#18	22.20	22.20	33.00	PASS
Band38	15MHz	QPSK	37825	38RB#37	22.10	22.10	33.00	PASS
Band38	15MHz	QPSK	37825	75RB#0	22.21	22.21	33.00	PASS
Band38	15MHz	QPSK	38000	1RB#0	22.00	22.00	33.00	PASS
Band38	15MHz	QPSK	38000	1RB#38	22.28	22.28	33.00	PASS
Band38	15MHz	QPSK	38000	1RB#74	22.17	22.17	33.00	PASS
Band38	15MHz	QPSK	38000	38RB#0	22.08	22.08	33.00	PASS
Band38	15MHz	QPSK	38000	38RB#18	22.05	22.05	33.00	PASS
Band38	15MHz	QPSK	38000	38RB#37	22.28	22.28	33.00	PASS
Band38	15MHz	QPSK	38000	75RB#0	22.38	22.38	33.00	PASS
Band38	15MHz	QPSK	38175	1RB#0	22.30	22.30	33.00	PASS
Band38	15MHz	QPSK	38175	1RB#38	21.94	21.94	33.00	PASS
Band38	15MHz	QPSK	38175	1RB#74	22.00	22.00	33.00	PASS
Band38	15MHz	QPSK	38175	38RB#0	21.91	21.91	33.00	PASS
Band38	15MHz	QPSK	38175	38RB#18	21.89	21.89	33.00	PASS
Band38	15MHz	QPSK	38175	38RB#37	22.29	22.29	33.00	PASS
Band38	15MHz	QPSK	38175	75RB#0	22.26	22.26	33.00	PASS
Band38	15MHz	16QAM	37825	1RB#0	22.28	22.28	33.00	PASS
Band38	15MHz	16QAM	37825	1RB#38	22.34	22.34	33.00	PASS

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Band38	15MHz	16QAM	37825	1RB#74	22.19	22.19	33.00	PASS
Band38	15MHz	16QAM	37825	38RB#0	21.50	21.50	33.00	PASS
Band38	15MHz	16QAM	37825	38RB#18	21.47	21.47	33.00	PASS
Band38	15MHz	16QAM	37825	38RB#37	21.48	21.48	33.00	PASS
Band38	15MHz	16QAM	37825	75RB#0	21.54	21.54	33.00	PASS
Band38	15MHz	16QAM	38000	1RB#0	22.38	22.38	33.00	PASS
Band38	15MHz	16QAM	38000	1RB#38	22.12	22.12	33.00	PASS
Band38	15MHz	16QAM	38000	1RB#74	22.22	22.22	33.00	PASS
Band38	15MHz	16QAM	38000	38RB#0	21.43	21.43	33.00	PASS
Band38	15MHz	16QAM	38000	38RB#18	21.39	21.39	33.00	PASS
Band38	15MHz	16QAM	38000	38RB#37	21.35	21.35	33.00	PASS
Band38	15MHz	16QAM	38000	75RB#0	21.30	21.30	33.00	PASS
Band38	15MHz	16QAM	38175	1RB#0	22.14	22.14	33.00	PASS
Band38	15MHz	16QAM	38175	1RB#38	22.23	22.23	33.00	PASS
Band38	15MHz	16QAM	38175	1RB#74	22.20	22.20	33.00	PASS
Band38	15MHz	16QAM	38175	38RB#0	21.43	21.43	33.00	PASS
Band38	15MHz	16QAM	38175	38RB#18	21.33	21.33	33.00	PASS
Band38	15MHz	16QAM	38175	38RB#37	21.23	21.23	33.00	PASS
Band38	15MHz	16QAM	38175	75RB#0	21.36	21.36	33.00	PASS
Band38	15MHz	64QAM	37825	1RB#0	21.26	21.26	33.00	PASS
Band38	15MHz	64QAM	37825	1RB#38	21.28	21.28	33.00	PASS
Band38	15MHz	64QAM	37825	1RB#74	21.13	21.13	33.00	PASS
Band38	15MHz	64QAM	37825	38RB#0	20.45	20.45	33.00	PASS
Band38	15MHz	64QAM	37825	38RB#18	20.40	20.40	33.00	PASS
Band38	15MHz	64QAM	37825	38RB#37	20.40	20.40	33.00	PASS
Band38	15MHz	64QAM	37825	75RB#0	20.49	20.49	33.00	PASS
Band38	15MHz	64QAM	38000	1RB#0	21.29	21.29	33.00	PASS
Band38	15MHz	64QAM	38000	1RB#38	21.06	21.06	33.00	PASS
Band38	15MHz	64QAM	38000	1RB#74	21.12	21.12	33.00	PASS
Band38	15MHz	64QAM	38000	38RB#0	20.37	20.37	33.00	PASS
Band38	15MHz	64QAM	38000	38RB#18	20.34	20.34	33.00	PASS
Band38	15MHz	64QAM	38000	38RB#37	20.25	20.25	33.00	PASS
Band38	15MHz	64QAM	38000	75RB#0	20.22	20.22	33.00	PASS
Band38	15MHz	64QAM	38175	1RB#0	21.08	21.08	33.00	PASS
Band38	15MHz	64QAM	38175	1RB#38	21.15	21.15	33.00	PASS
Band38	15MHz	64QAM	38175	1RB#74	21.13	21.13	33.00	PASS
Band38	15MHz	64QAM	38175	38RB#0	20.38	20.38	33.00	PASS
Band38	15MHz	64QAM	38175	38RB#18	20.28	20.28	33.00	PASS

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Band38	15MHz	64QAM	38175	38RB#37	20.13	20.13	33.00	PASS
Band38	15MHz	64QAM	38175	75RB#0	20.28	20.28	33.00	PASS
Band38	20MHz	QPSK	37850	1RB#0	22.32	22.32	33.00	PASS
Band38	20MHz	QPSK	37850	1RB#49	22.37	22.37	33.00	PASS
Band38	20MHz	QPSK	37850	1RB#99	22.05	22.05	33.00	PASS
Band38	20MHz	QPSK	37850	50RB#0	22.33	22.33	33.00	PASS
Band38	20MHz	QPSK	37850	50RB#25	22.19	22.19	33.00	PASS
Band38	20MHz	QPSK	37850	50RB#50	22.05	22.05	33.00	PASS
Band38	20MHz	QPSK	37850	100RB#0	22.23	22.23	33.00	PASS
Band38	20MHz	QPSK	38000	1RB#0	22.01	22.01	33.00	PASS
Band38	20MHz	QPSK	38000	1RB#49	22.52	22.52	33.00	PASS
Band38	20MHz	QPSK	38000	1RB#99	22.19	22.19	33.00	PASS
Band38	20MHz	QPSK	38000	50RB#0	22.33	22.33	33.00	PASS
Band38	20MHz	QPSK	38000	50RB#25	22.12	22.12	33.00	PASS
Band38	20MHz	QPSK	38000	50RB#50	22.27	22.27	33.00	PASS
Band38	20MHz	QPSK	38000	100RB#0	22.34	22.34	33.00	PASS
Band38	20MHz	QPSK	38150	1RB#0	22.15	22.15	33.00	PASS
Band38	20MHz	QPSK	38150	1RB#49	22.22	22.22	33.00	PASS
Band38	20MHz	QPSK	38150	1RB#99	21.99	21.99	33.00	PASS
Band38	20MHz	QPSK	38150	50RB#0	21.89	21.89	33.00	PASS
Band38	20MHz	QPSK	38150	50RB#25	21.92	21.92	33.00	PASS
Band38	20MHz	QPSK	38150	50RB#50	22.24	22.24	33.00	PASS
Band38	20MHz	QPSK	38150	100RB#0	22.28	22.28	33.00	PASS
Band38	20MHz	16QAM	37850	1RB#0	22.28	22.28	33.00	PASS
Band38	20MHz	16QAM	37850	1RB#49	22.31	22.31	33.00	PASS
Band38	20MHz	16QAM	37850	1RB#99	22.17	22.17	33.00	PASS
Band38	20MHz	16QAM	37850	50RB#0	21.51	21.51	33.00	PASS
Band38	20MHz	16QAM	37850	50RB#25	21.48	21.48	33.00	PASS
Band38	20MHz	16QAM	37850	50RB#50	21.50	21.50	33.00	PASS
Band38	20MHz	16QAM	37850	100RB#0	21.52	21.52	33.00	PASS
Band38	20MHz	16QAM	38000	1RB#0	22.35	22.35	33.00	PASS
Band38	20MHz	16QAM	38000	1RB#49	22.20	22.20	33.00	PASS
Band38	20MHz	16QAM	38000	1RB#99	22.18	22.18	33.00	PASS
Band38	20MHz	16QAM	38000	50RB#0	21.48	21.48	33.00	PASS
Band38	20MHz	16QAM	38000	50RB#25	21.39	21.39	33.00	PASS
Band38	20MHz	16QAM	38000	50RB#50	21.34	21.34	33.00	PASS
Band38	20MHz	16QAM	38000	100RB#0	21.24	21.24	33.00	PASS
Band38	20MHz	16QAM	38150	1RB#0	22.06	22.06	33.00	PASS

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Band38	20MHz	16QAM	38150	1RB#49	22.18	22.18	33.00	PASS
Band38	20MHz	16QAM	38150	1RB#99	22.23	22.23	33.00	PASS
Band38	20MHz	16QAM	38150	50RB#0	21.34	21.34	33.00	PASS
Band38	20MHz	16QAM	38150	50RB#25	21.29	21.29	33.00	PASS
Band38	20MHz	16QAM	38150	50RB#50	21.26	21.26	33.00	PASS
Band38	20MHz	16QAM	38150	100RB#0	21.36	21.36	33.00	PASS
Band38	20MHz	64QAM	37850	1RB#0	21.18	21.18	33.00	PASS
Band38	20MHz	64QAM	37850	1RB#49	21.26	21.26	33.00	PASS
Band38	20MHz	64QAM	37850	1RB#99	21.09	21.09	33.00	PASS
Band38	20MHz	64QAM	37850	50RB#0	20.47	20.47	33.00	PASS
Band38	20MHz	64QAM	37850	50RB#25	20.38	20.38	33.00	PASS
Band38	20MHz	64QAM	37850	50RB#50	20.43	20.43	33.00	PASS
Band38	20MHz	64QAM	37850	100RB#0	20.44	20.44	33.00	PASS
Band38	20MHz	64QAM	38000	1RB#0	21.32	21.32	33.00	PASS
Band38	20MHz	64QAM	38000	1RB#49	21.18	21.18	33.00	PASS
Band38	20MHz	64QAM	38000	1RB#99	21.11	21.11	33.00	PASS
Band38	20MHz	64QAM	38000	50RB#0	20.42	20.42	33.00	PASS
Band38	20MHz	64QAM	38000	50RB#25	20.33	20.33	33.00	PASS
Band38	20MHz	64QAM	38000	50RB#50	20.26	20.26	33.00	PASS
Band38	20MHz	64QAM	38000	100RB#0	20.19	20.19	33.00	PASS
Band38	20MHz	64QAM	38150	1RB#0	20.96	20.96	33.00	PASS
Band38	20MHz	64QAM	38150	1RB#49	21.14	21.14	33.00	PASS
Band38	20MHz	64QAM	38150	1RB#99	21.18	21.18	33.00	PASS
Band38	20MHz	64QAM	38150	50RB#0	20.28	20.28	33.00	PASS
Band38	20MHz	64QAM	38150	50RB#25	20.19	20.19	33.00	PASS
Band38	20MHz	64QAM	38150	50RB#50	20.21	20.21	33.00	PASS
Band38	20MHz	64QAM	38150	100RB#0	20.33	20.33	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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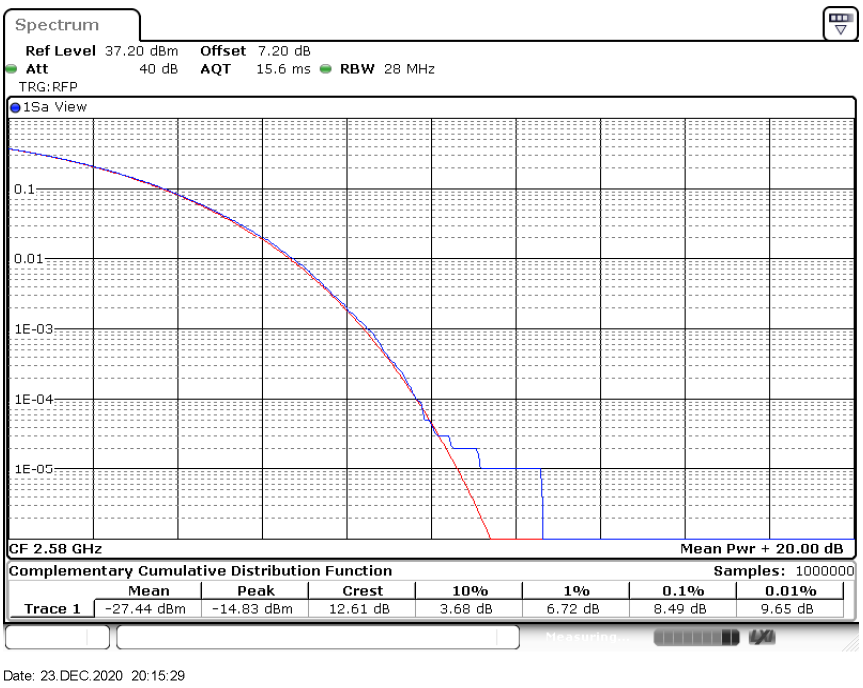
2. Peak-to-Average Ratio (CCDF)

2.1. Test Result

Band	Bandwidth	Modulation	Channel	RB Configuration	Result(dB)	Limit(dB)	Verdict
Band38	20MHz	QPSK	37850	100RB#0	8.49	13	PASS
Band38	20MHz	QPSK	38000	100RB#0	8.46	13	PASS
Band38	20MHz	QPSK	38150	100RB#0	8.55	13	PASS
Band38	20MHz	64QAM	37850	100RB#0	8.46	13	PASS
Band38	20MHz	64QAM	38000	100RB#0	9.77	13	PASS
Band38	20MHz	64QAM	38150	100RB#0	9.68	13	PASS
Band38	20MHz	16QAM	37850	100RB#0	9.25	13	PASS
Band38	20MHz	16QAM	38000	100RB#0	9.25	13	PASS
Band38	20MHz	16QAM	38150	100RB#0	9.07	13	PASS

2.2. Test Plots

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



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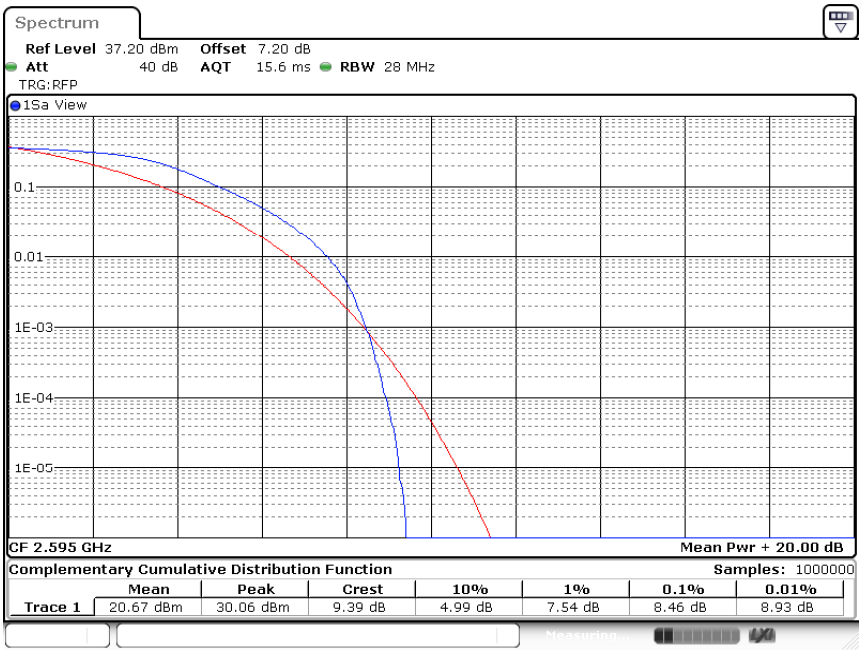
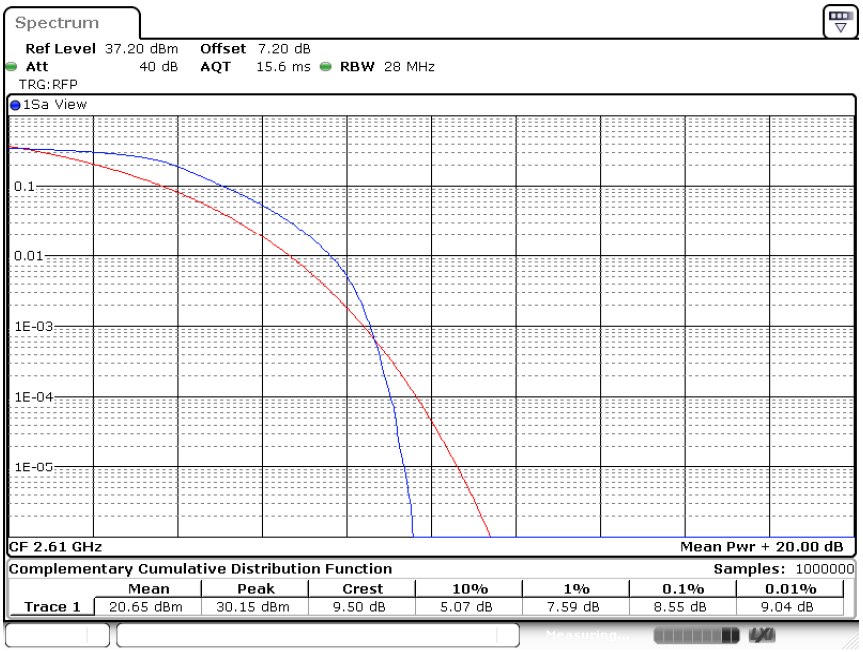
Band38-20MHz-QPSK-38000-100RB#0



Date: 23.DEC.2020 20:15:52

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



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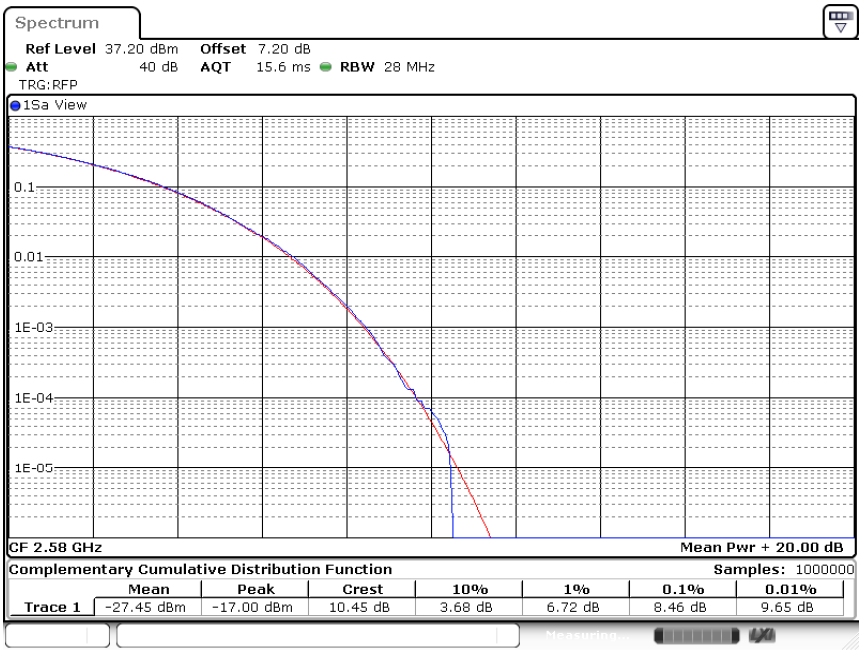
Band38-20MHz-64QAM-37850-100RB#0



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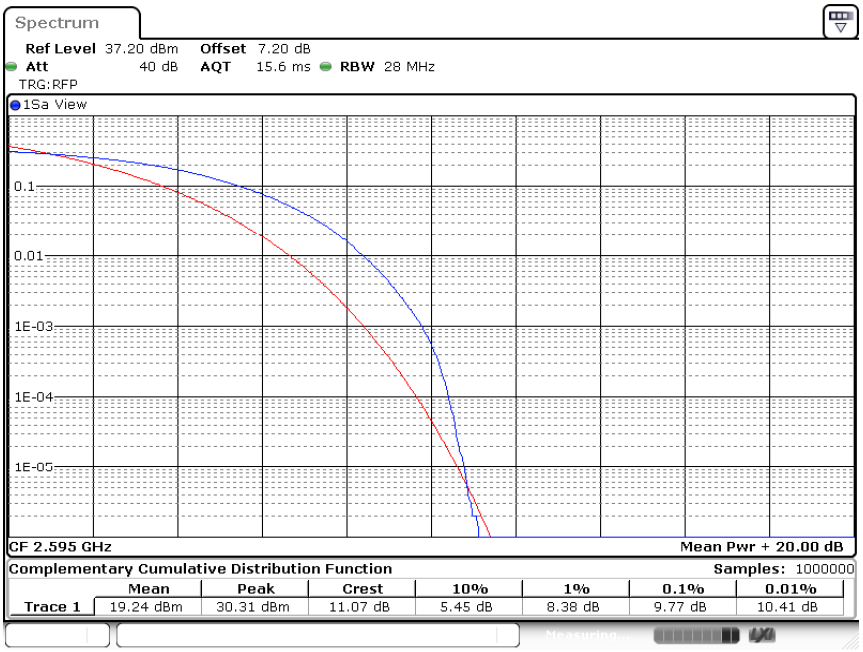
Band38-20MHz-64QAM-38000-100RB#0



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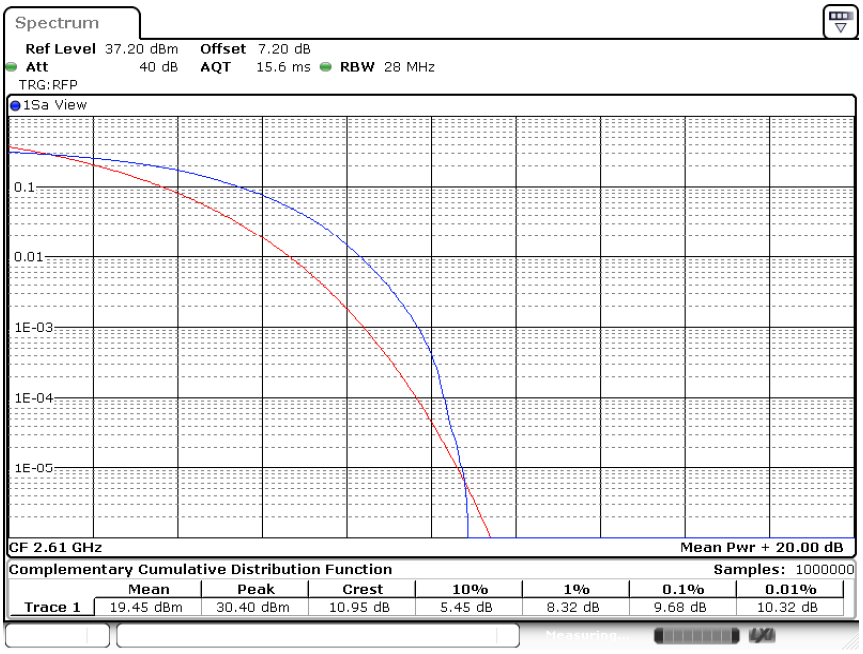
Band38-20MHz-64QAM-38150-100RB#0



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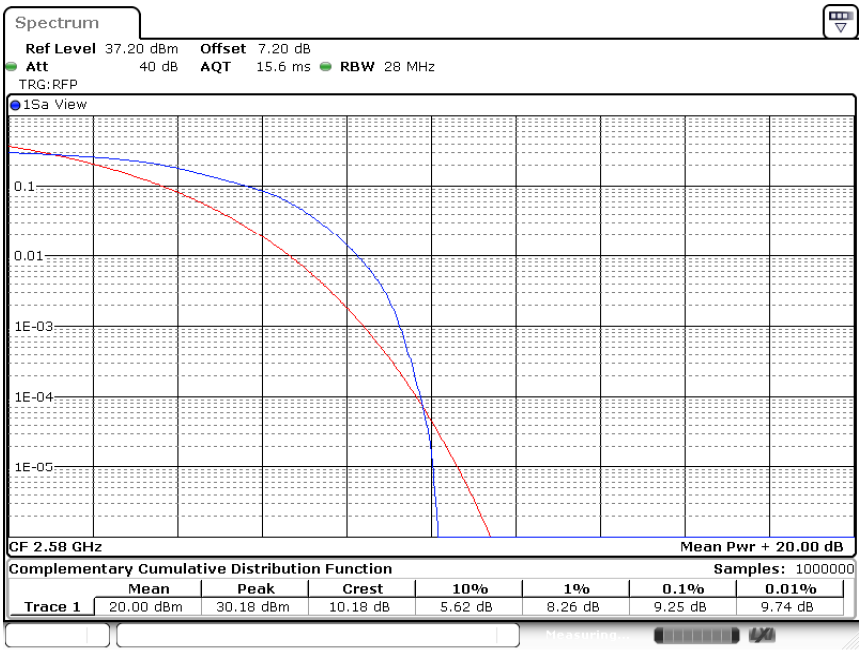
Band38-20MHz-16QAM-37850-100RB#0



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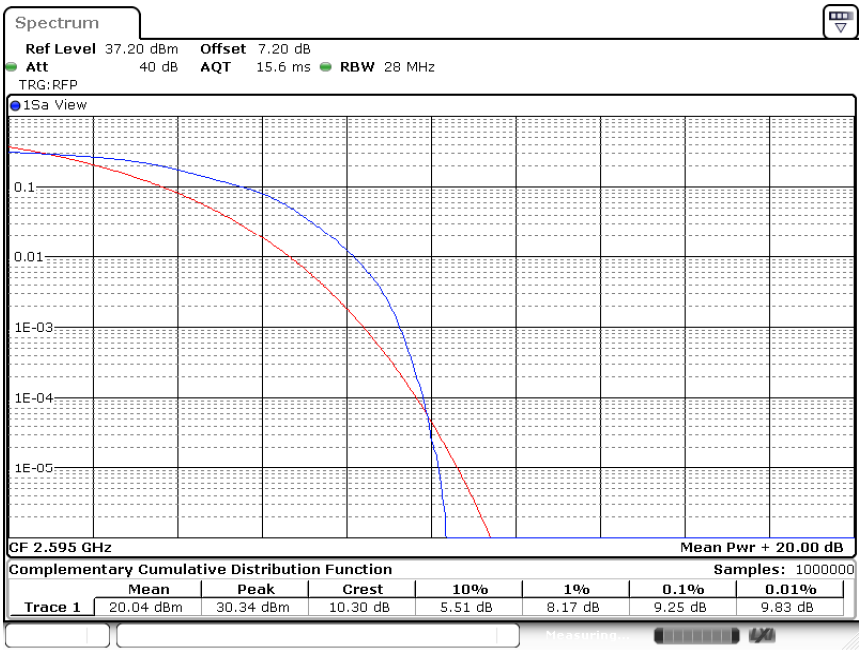
Band38-20MHz-16QAM-38000-100RB#0



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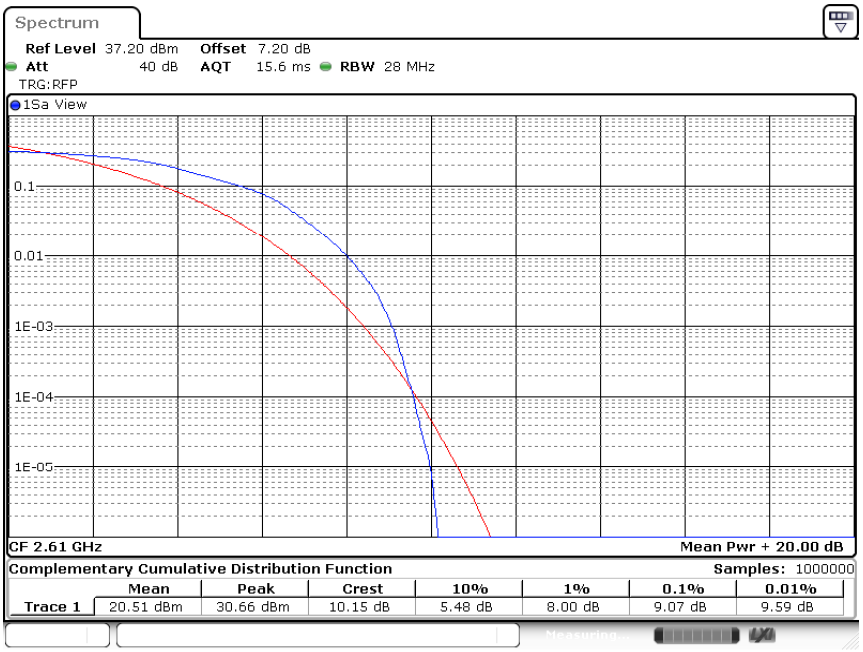
Band38-20MHz-16QAM-38150-100RB#0



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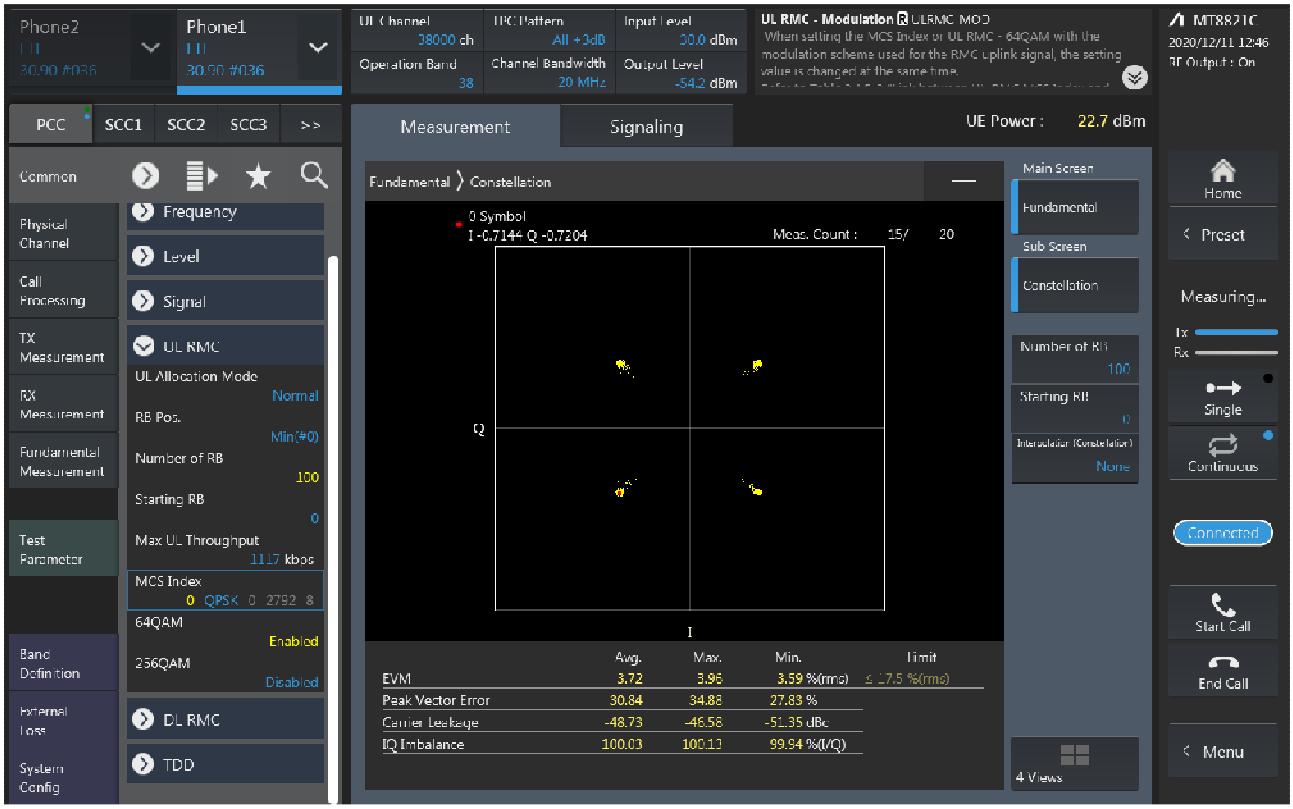
3. Modulation Characteristics

3.1. Test Mode = LTE /TM1 20MHz

3.1.1.Test Channel = MCH



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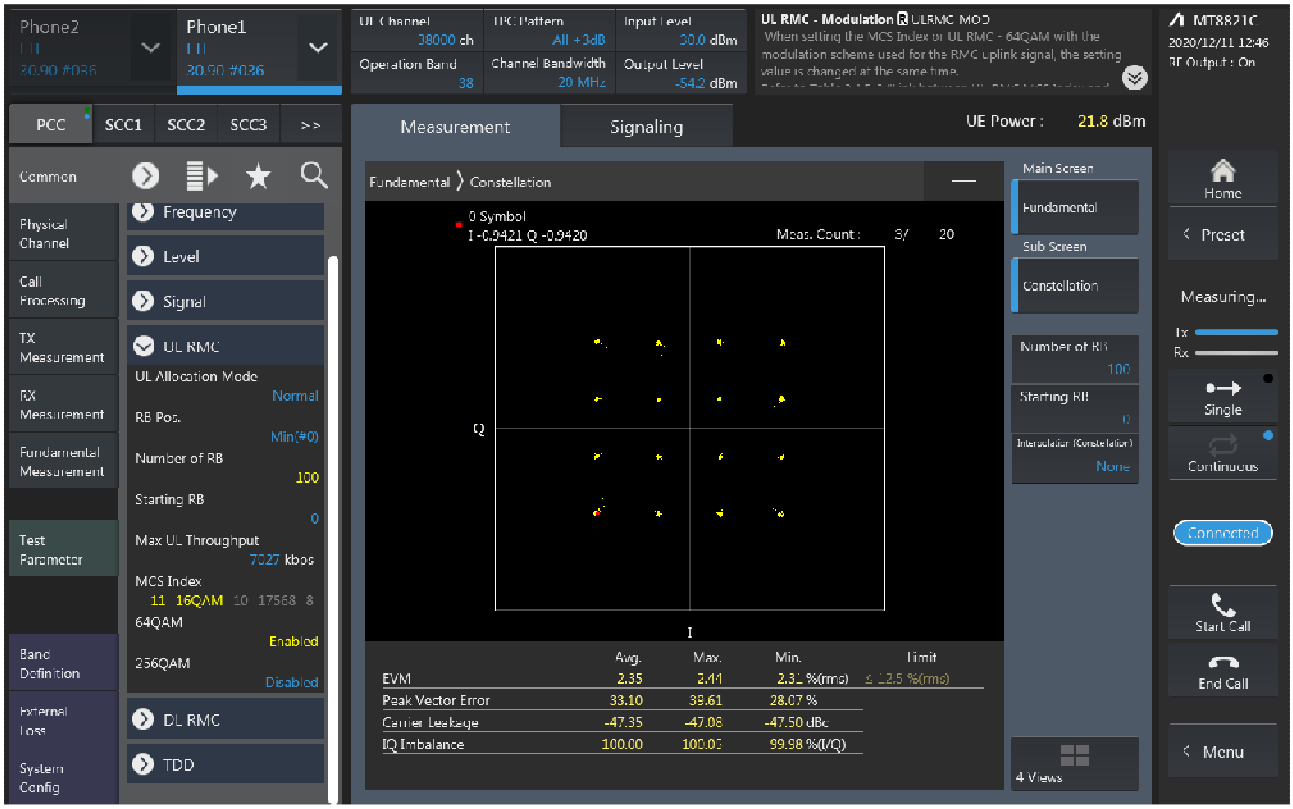
3.2. Test Mode = LTE /TM2 20MHz

3.2.1.Test Channel = MCH



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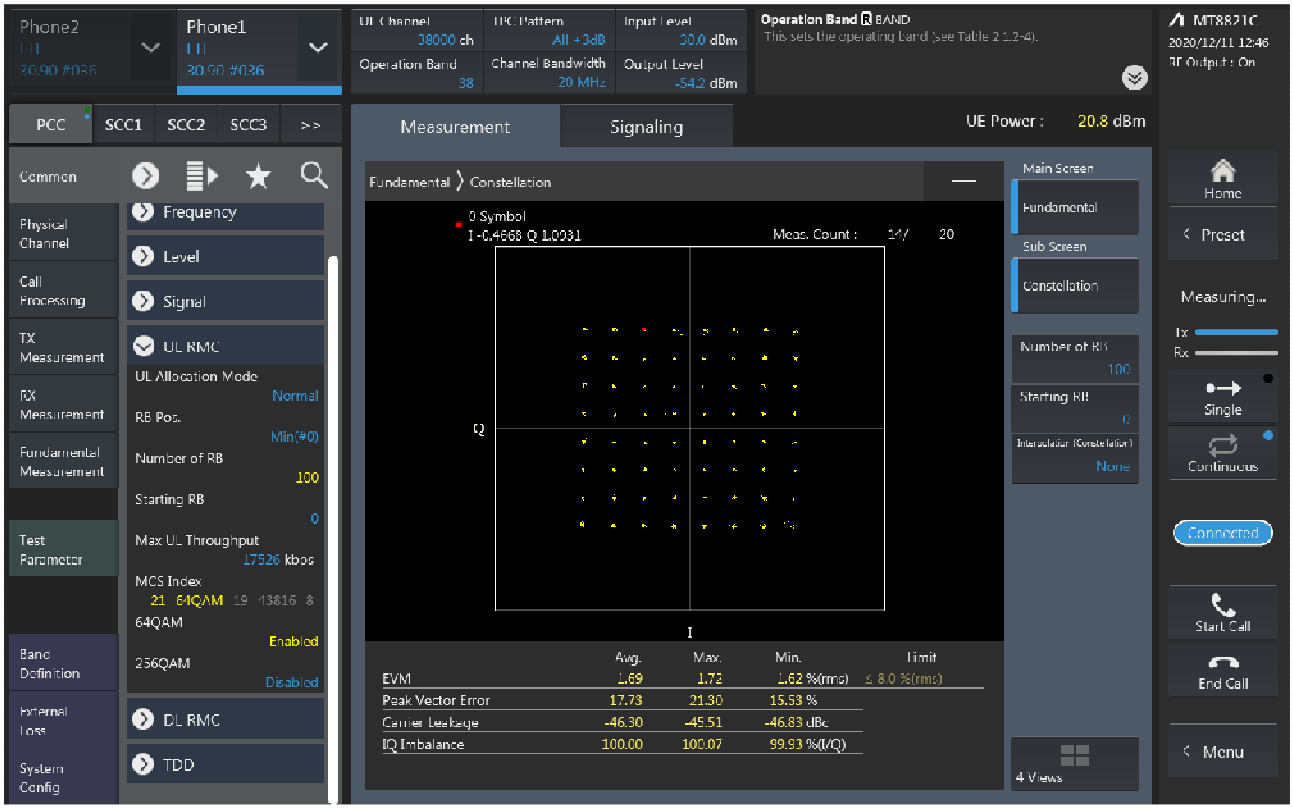
3.3. Test Mode = LTE /TM3 20MHz

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	4.910	PASS
Band38	5MHz	QPSK	38000	25RB#0	4.476	4.900	PASS
Band38	5MHz	QPSK	38225	25RB#0	4.476	4.910	PASS
Band38	5MHz	64QAM	37775	25RB#0	4.486	5.040	PASS
Band38	5MHz	64QAM	38000	25RB#0	4.476	5.010	PASS
Band38	5MHz	64QAM	38225	25RB#0	4.476	5.000	PASS
Band38	5MHz	16QAM	37775	25RB#0	4.496	4.950	PASS
Band38	5MHz	16QAM	38000	25RB#0	4.486	4.950	PASS
Band38	5MHz	16QAM	38225	25RB#0	4.496	4.970	PASS
Band38	10MHz	QPSK	37800	50RB#0	8.911	9.840	PASS
Band38	10MHz	QPSK	38000	50RB#0	8.911	9.880	PASS
Band38	10MHz	QPSK	38200	50RB#0	8.911	9.860	PASS
Band38	10MHz	64QAM	37800	50RB#0	8.931	9.720	PASS
Band38	10MHz	64QAM	38000	50RB#0	8.931	9.720	PASS
Band38	10MHz	64QAM	38200	50RB#0	8.931	9.720	PASS
Band38	10MHz	16QAM	37800	50RB#0	8.911	9.660	PASS
Band38	10MHz	16QAM	38000	50RB#0	8.911	9.660	PASS
Band38	10MHz	16QAM	38200	50RB#0	8.911	9.700	PASS
Band38	15MHz	QPSK	37825	75RB#0	13.487	16.110	PASS
Band38	15MHz	QPSK	38000	75RB#0	13.516	16.290	PASS
Band38	15MHz	QPSK	38175	75RB#0	13.487	16.290	PASS
Band38	15MHz	64QAM	37825	75RB#0	13.457	14.760	PASS
Band38	15MHz	64QAM	38000	75RB#0	13.457	14.820	PASS
Band38	15MHz	64QAM	38175	75RB#0	13.427	15.030	PASS
Band38	15MHz	16QAM	37825	75RB#0	13.457	15.120	PASS
Band38	15MHz	16QAM	38000	75RB#0	13.457	15.060	PASS
Band38	15MHz	16QAM	38175	75RB#0	13.457	15.090	PASS
Band38	20MHz	QPSK	37850	100RB#0	17.902	19.560	PASS
Band38	20MHz	QPSK	38000	100RB#0	17.902	19.600	PASS
Band38	20MHz	QPSK	38150	100RB#0	17.942	19.520	PASS
Band38	20MHz	64QAM	37850	100RB#0	17.862	19.760	PASS

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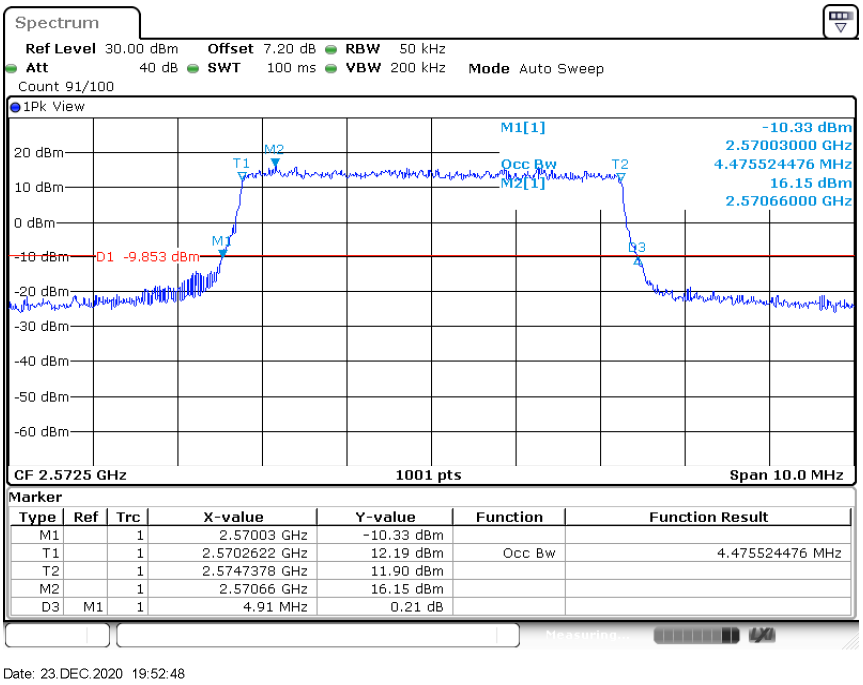
Band38	20MHz	64QAM	38000	100RB#0	17.862	19.320	PASS
Band38	20MHz	64QAM	38150	100RB#0	17.902	19.280	PASS
Band38	20MHz	16QAM	37850	100RB#0	17.902	19.840	PASS
Band38	20MHz	16QAM	38000	100RB#0	17.902	19.840	PASS
Band38	20MHz	16QAM	38150	100RB#0	17.902	20.080	PASS

4.2. Test Plots

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



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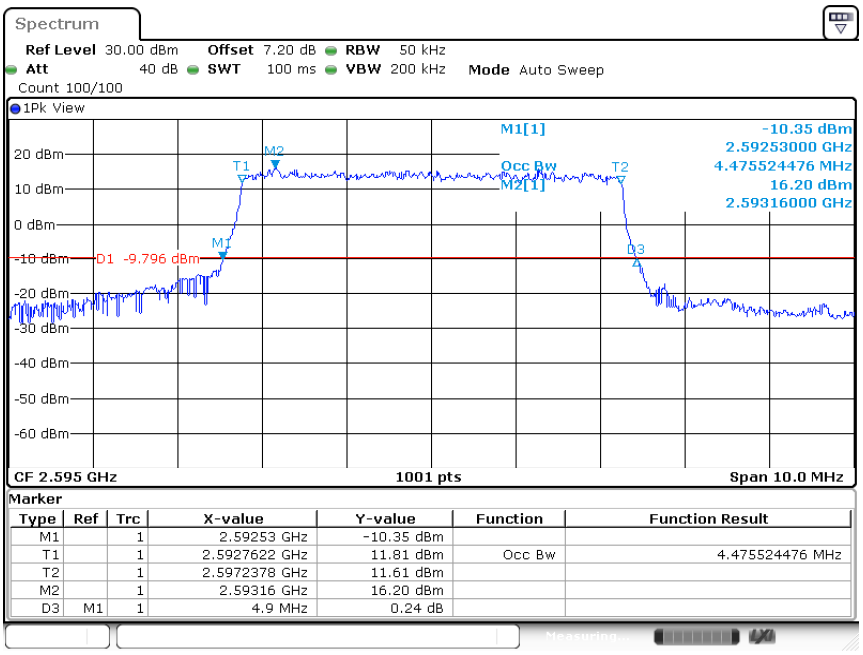
Band38-5MHz-QPSK-38000-25RB#0-4.476



Marker

Type	Ref	Trc	X-value	Y-value	Function	Function Result
M1		1	2.59253 GHz	-10.35 dBm		
T1		1	2.5927622 GHz	11.81 dBm	Occ Bw	4.475524476 MHz
T2		1	2.5972378 GHz	11.61 dBm		
M2		1	2.59316 GHz	16.20 dBm		
D3	M1	1	4.9 MHz	0.24 dB		

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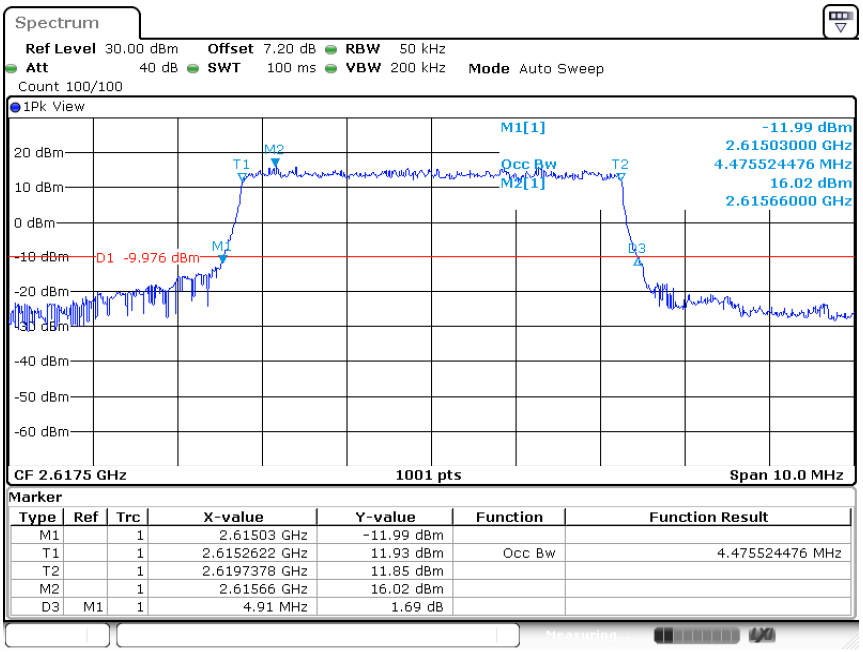
Band38-5MHz-QPSK-38225-25RB#0-4.476



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Type	Ref	Trc	X-value	Y-value	Function	Function Result
M1		1	2.61503 GHz	-11.99 dBm		
T1		1	2.6152622 GHz	11.93 dBm	Occ Bw	4.475524476 MHz
T2		1	2.6197378 GHz	11.85 dBm		
M2		1	2.61566 GHz	16.02 dBm		
D3	M1	1	4.91 MHz	1.69 dB		

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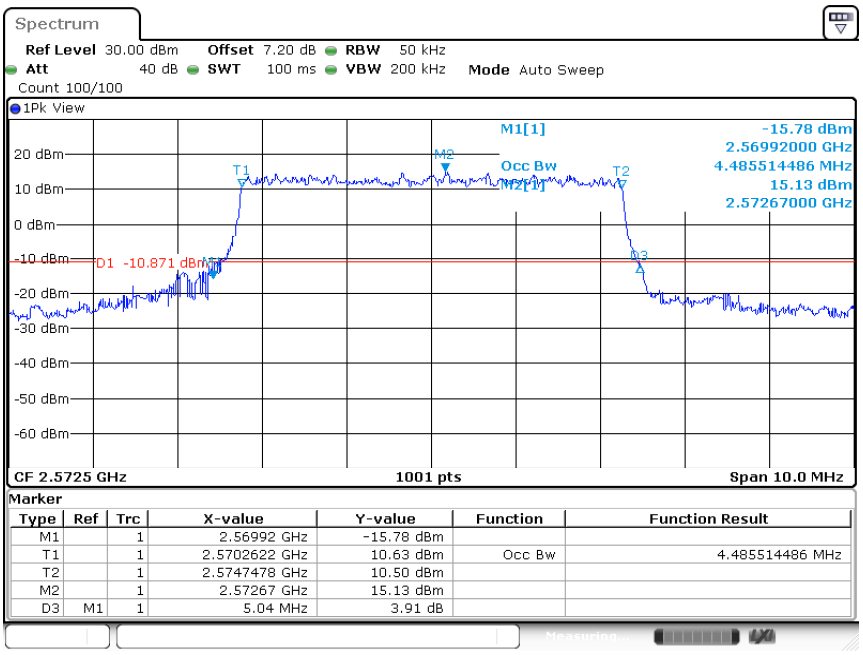

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Type	Ref	Trc	X-value	Y-value	Function	Function Result
M1		1	2.56992 GHz	-15.78 dBm		
T1		1	2.5702622 GHz	10.63 dBm	Occ Bw	4.485514486 MHz
T2		1	2.5747478 GHz	10.50 dBm		
M2		1	2.57267 GHz	15.13 dBm		
D3	M1	1	5.04 MHz	3.91 dB		

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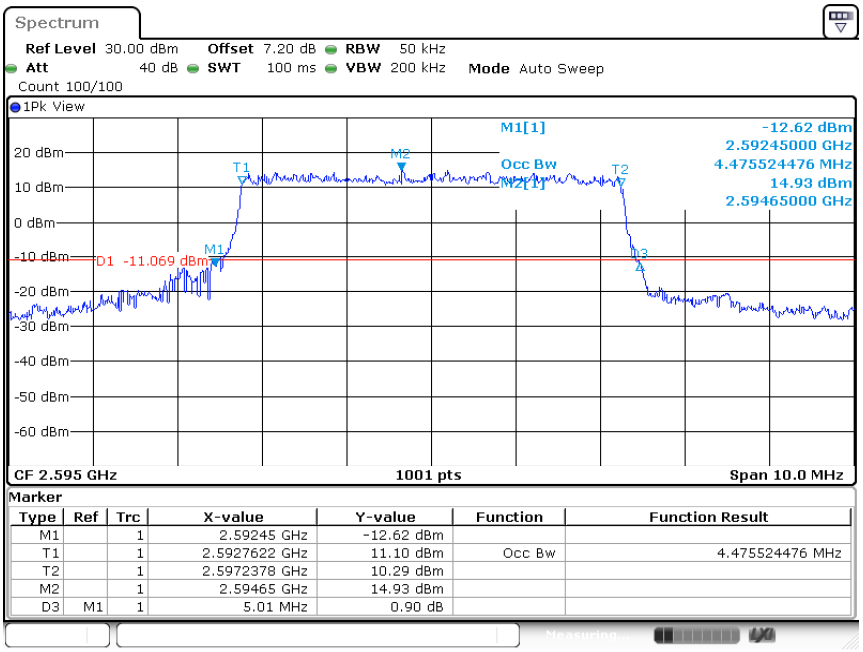
Band38-5MHz-64QAM-38000-25RB#0-4.476



Marker

Type	Ref	Trc	X-value	Y-value	Function	Function Result
M1		1	2.59245 GHz	-12.62 dBm		
T1		1	2.5927622 GHz	11.10 dBm	Occ Bw	4.475524476 MHz
T2		1	2.5972378 GHz	10.29 dBm		
M2		1	2.59465 GHz	14.93 dBm		
D3	M1	1	5.01 MHz	0.90 dB		

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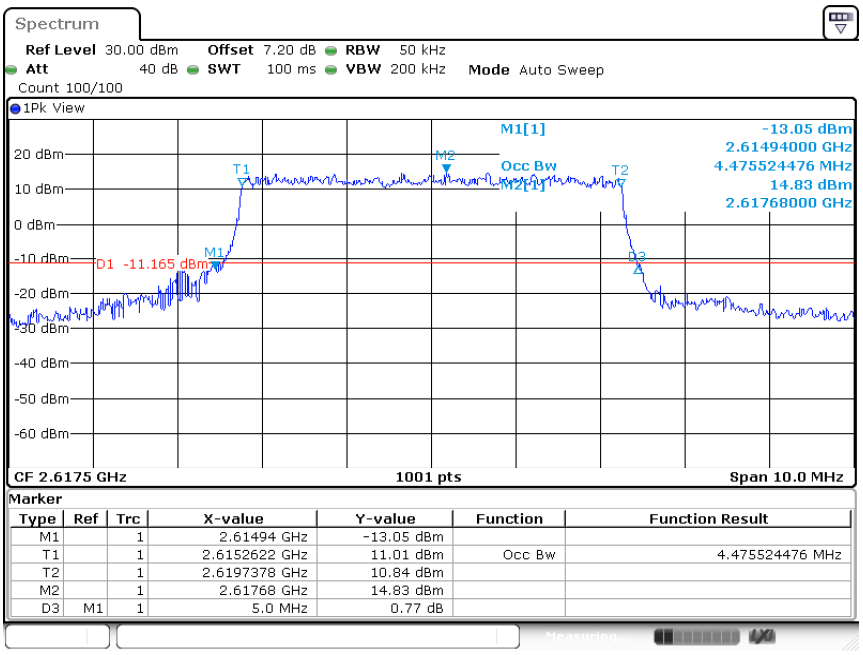
Band38-5MHz-64QAM-38225-25RB#0-4.476



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Type	Ref	Trc	X-value	Y-value	Function	Function Result
M1		1	2.61494 GHz	-13.05 dBm		
T1		1	2.6152622 GHz	11.01 dBm	Occ Bw	4.475524476 MHz
T2		1	2.6197378 GHz	10.84 dBm		
M2		1	2.61768 GHz	14.83 dBm		
D3	M1	1	5.0 MHz	0.77 dB		

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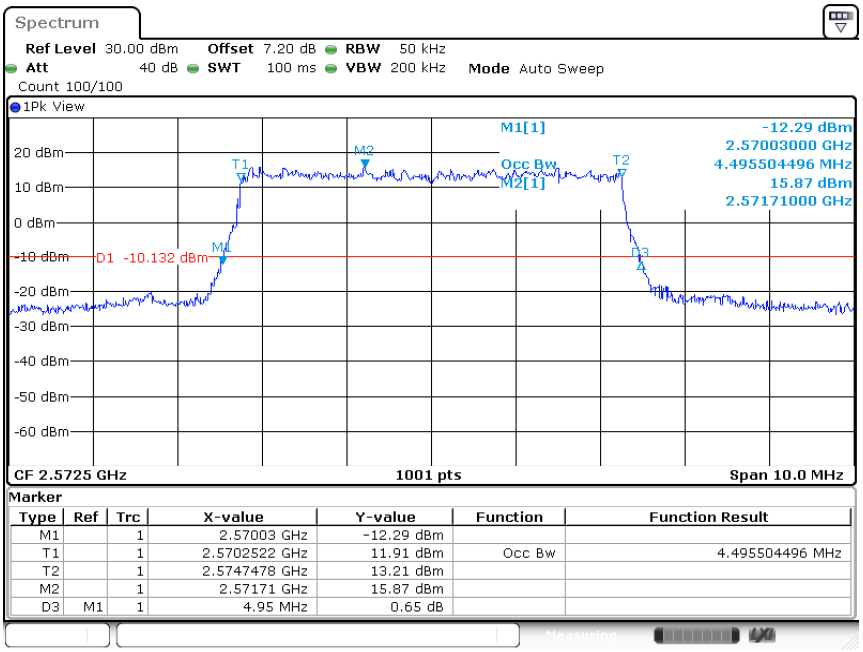
Band38-5MHz-16QAM-37775-25RB#0-4.496



Marker

Type	Ref	Trc	X-value	Y-value	Function	Function Result
M1		1	2.57003 GHz	-12.29 dBm		
T1		1	2.5702522 GHz	11.91 dBm	Occ Bw	4.495504496 MHz
T2		1	2.5747478 GHz	13.21 dBm		
M2		1	2.57171 GHz	15.87 dBm		
D3	M1	1	4.95 MHz	0.65 dB		

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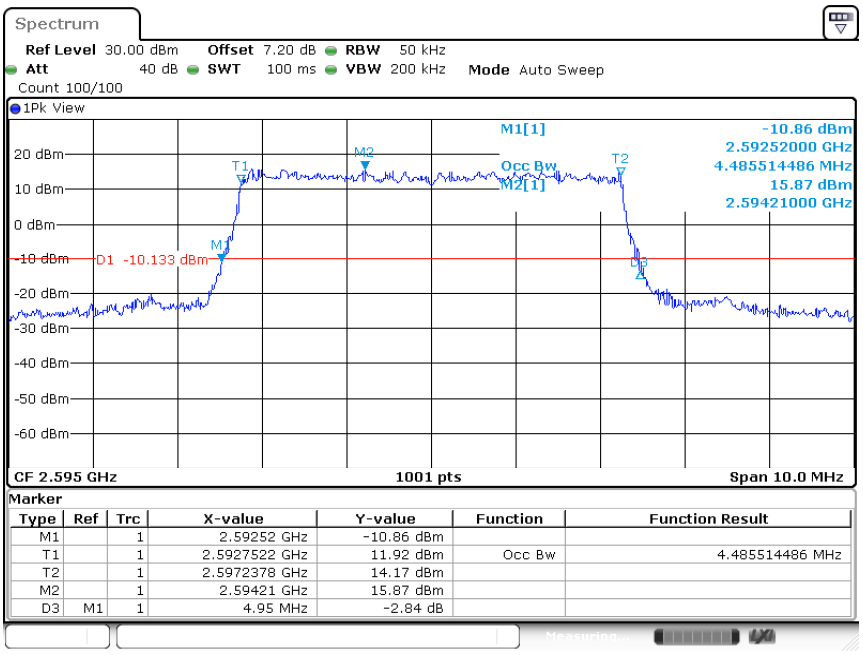

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Type	Ref	Trc	X-value	Y-value	Function	Function Result
M1		1	2.59252 GHz	-10.86 dBm		
T1		1	2.5927522 GHz	11.92 dBm	Occ Bw	4.485514486 MHz
T2		1	2.5972378 GHz	14.17 dBm		
M2		1	2.59421 GHz	15.87 dBm		
D3	M1	1	4.95 MHz	-2.84 dB		

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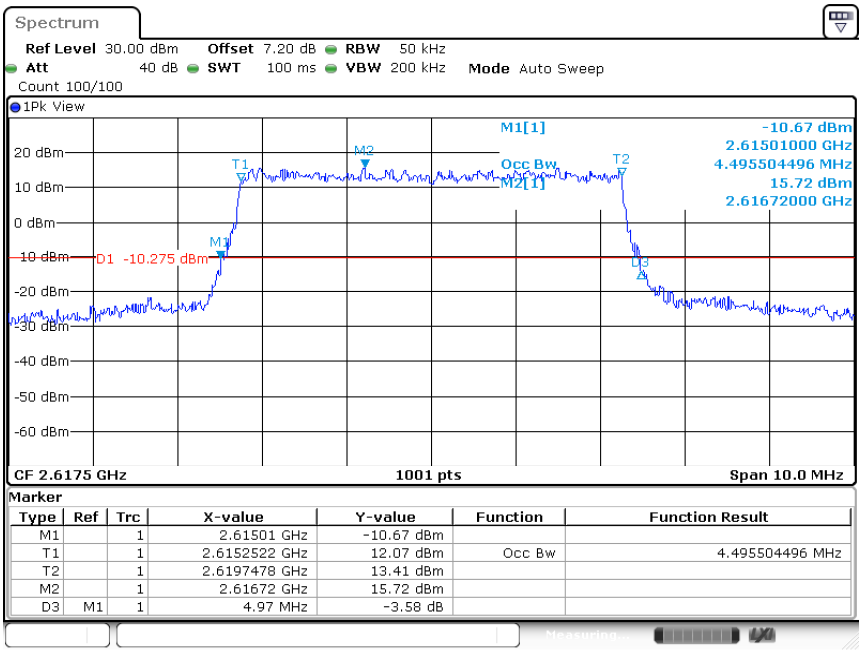
Band38-5MHz-16QAM-38225-25RB#0-4.496



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Type	Ref	Trc	X-value	Y-value	Function	Function Result
M1		1	2.61501 GHz	-10.67 dBm		
T1		1	2.6152522 GHz	12.07 dBm	Occ Bw	4.495504496 MHz
T2		1	2.6197478 GHz	13.41 dBm		
M2		1	2.61672 GHz	15.72 dBm		
D3	M1	1	4.97 MHz	-3.58 dB		

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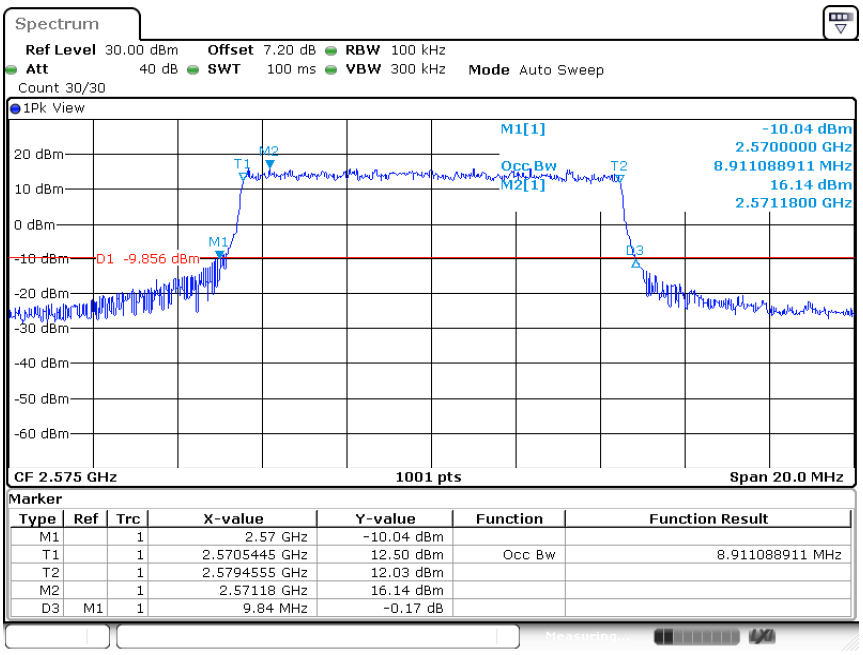
Band38-10MHz-QPSK-37800-50RB#0-8.911



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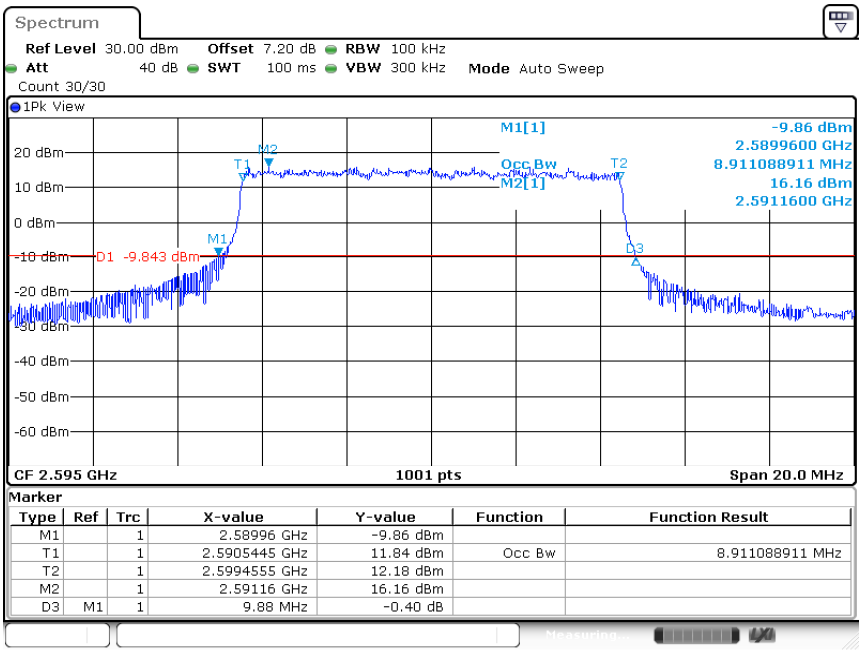
Type	Ref	Trc	X-value	Y-value	Function	Function Result
M1		1	2.57 GHz	-10.04 dBm		
T1		1	2.5705445 GHz	12.50 dBm	Occ Bw	8.911088911 MHz
T2		1	2.5794555 GHz	12.03 dBm		
M2		1	2.57118 GHz	16.14 dBm		
D3	M1	1	9.84 MHz	-0.17 dB		

Date: 23.DEC.2020 19:54:45

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



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Type	Ref	Trc	X-value	Y-value	Function	Function Result
M1		1	2.58996 GHz	-9.86 dBm		
T1		1	2.5905445 GHz	11.84 dBm	Occ Bw	8.911088911 MHz
T2		1	2.5994555 GHz	12.18 dBm		
M2		1	2.59116 GHz	16.16 dBm		
D3	M1	1	9.88 MHz	-0.40 dB		

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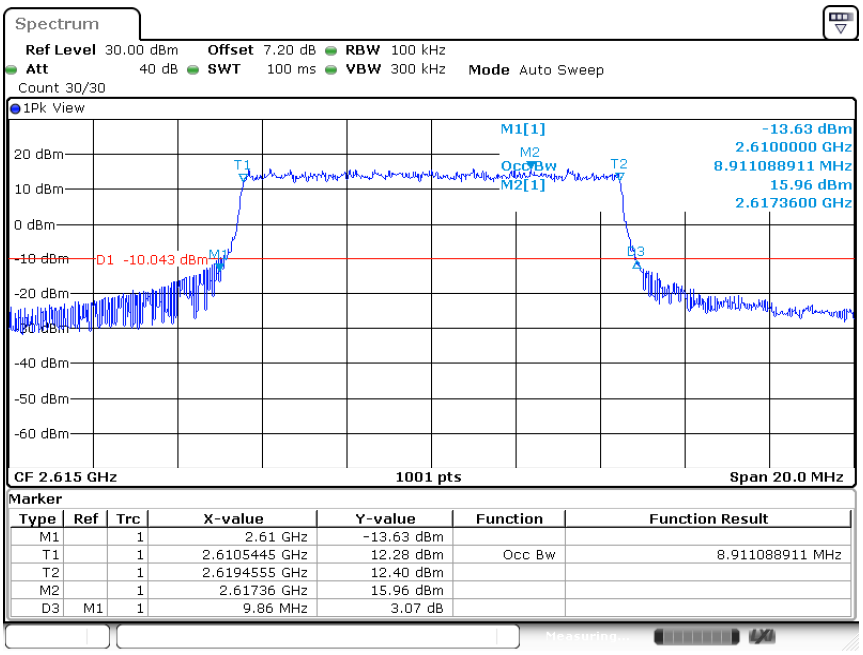

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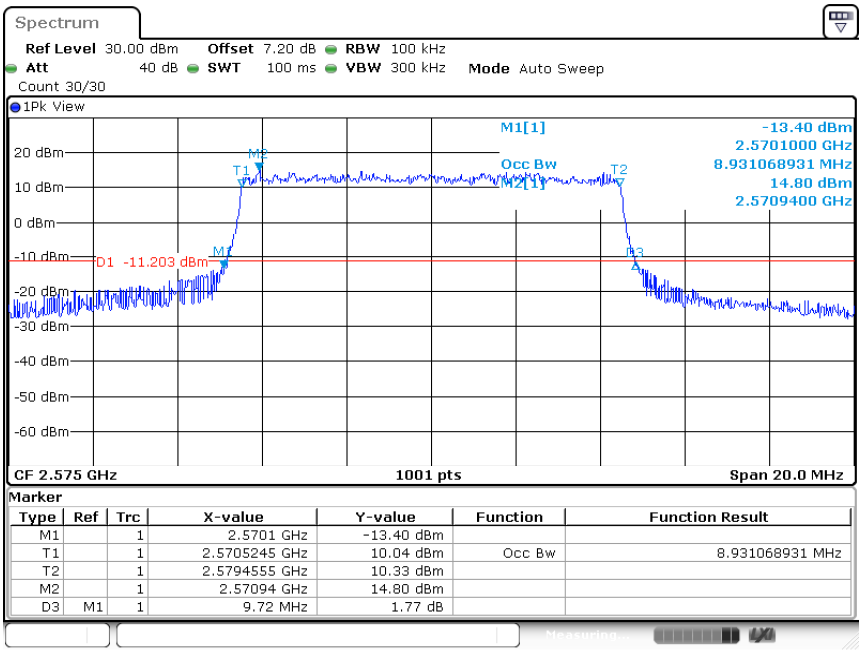
Band38-10MHz-64QAM-37800-50RB#0-8.931



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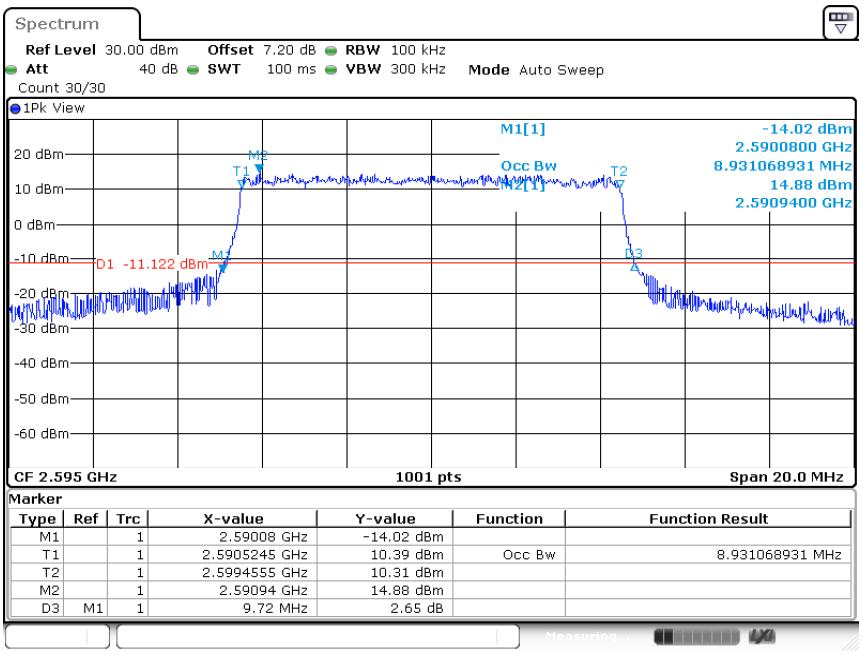

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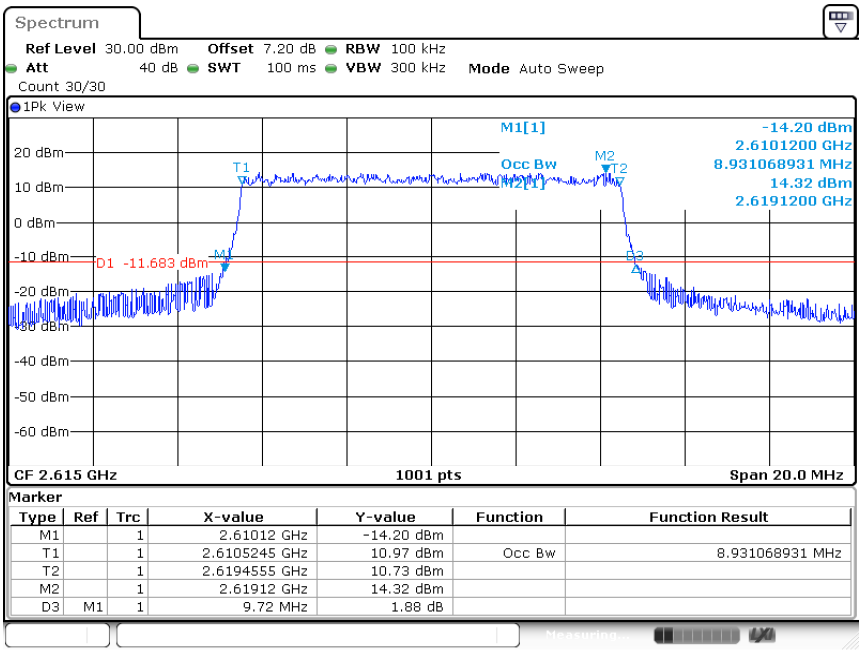

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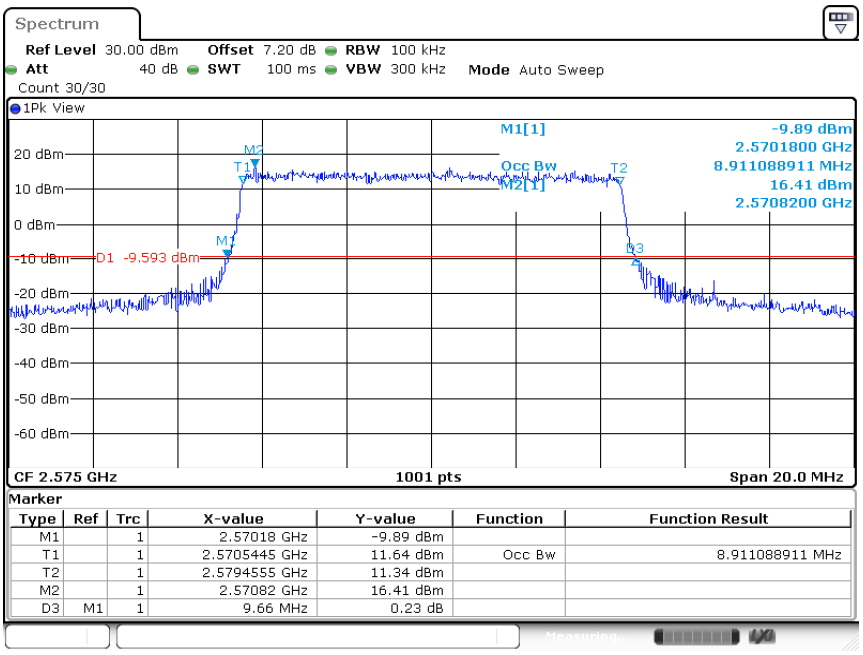
Band38-10MHz-16QAM-37800-50RB#0-8.911

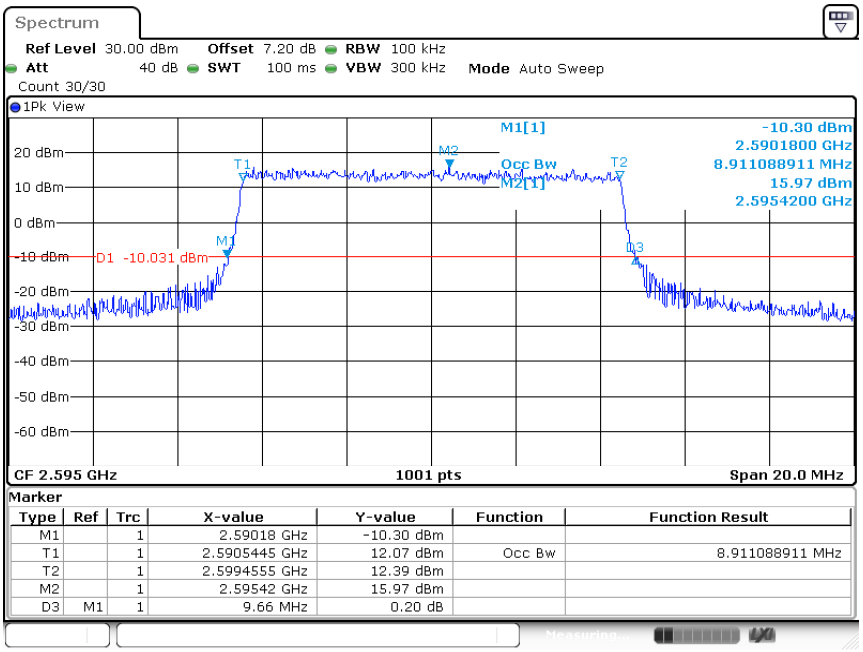


Marker

Type	Ref	Trc	X-value	Y-value	Function	Function Result
M1		1	2.57018 GHz	-9.89 dBm		
T1		1	2.5705445 GHz	11.64 dBm	Occ Bw	8.911088911 MHz
T2		1	2.5794555 GHz	11.34 dBm		
M2		1	2.57082 GHz	16.41 dBm		
D3	M1	1	9.66 MHz	0.23 dB		

Date: 23.DEC.2020 19:54:58

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



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Type	Ref	Trc	X-value	Y-value	Function	Function Result
M1		1	2.59018 GHz	-10.30 dBm		
T1		1	2.5905445 GHz	12.07 dBm	Occ Bw	8.911088911 MHz
T2		1	2.5994555 GHz	12.39 dBm		
M2		1	2.59542 GHz	15.97 dBm		
D3	M1	1	9.66 MHz	0.20 dB		

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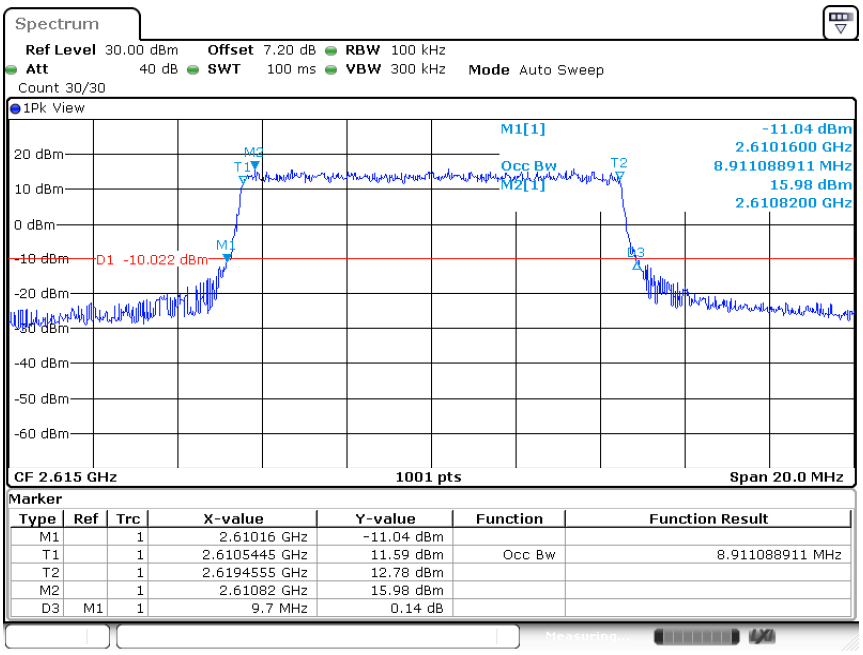
Band38-10MHz-16QAM-38200-50RB#0-8.911



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Type	Ref	Trc	X-value	Y-value	Function	Function Result
M1		1	2.61016 GHz	-11.04 dBm		
T1		1	2.6105445 GHz	11.59 dBm	Occ Bw	8.911088911 MHz
T2		1	2.6194555 GHz	12.78 dBm		
M2		1	2.61082 GHz	15.98 dBm		
D3	M1	1	9.7 MHz	0.14 dB		

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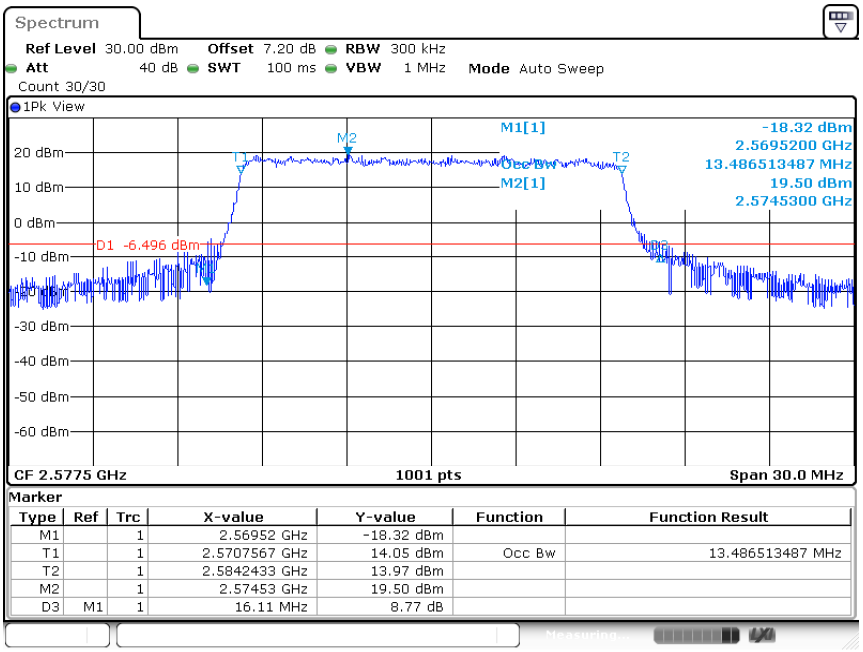
Band38-15MHz-QPSK-37825-75RB#0-13.487



Marker

Type	Ref	Trc	X-value	Y-value	Function	Function Result
M1		1	2.56952 GHz	-18.32 dBm		
T1		1	2.5707567 GHz	14.05 dBm	Occ Bw	13.486513487 MHz
T2		1	2.5842433 GHz	13.97 dBm		
M2		1	2.57453 GHz	19.50 dBm		
D3	M1	1	16.11 MHz	8.77 dB		

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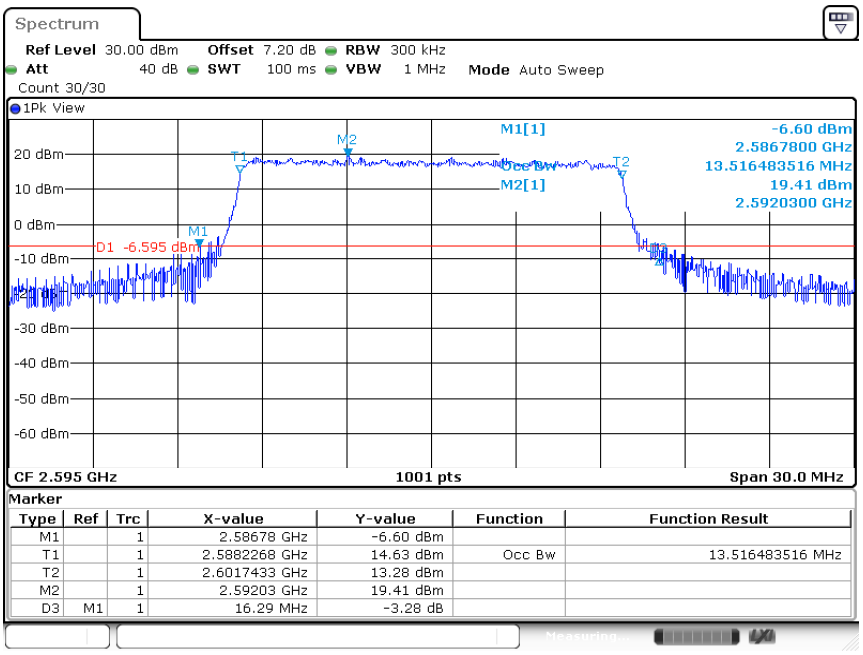
Band38-15MHz-QPSK-38000-75RB#0-13.516



Marker

Type	Ref	Trc	X-value	Y-value	Function	Function Result
M1		1	2.58678 GHz	-6.60 dBm		
T1		1	2.5882268 GHz	14.63 dBm	Occ Bw	13.516483516 MHz
T2		1	2.6017433 GHz	13.28 dBm		
M2		1	2.59203 GHz	19.41 dBm		
D3	M1	1	16.29 MHz	-3.28 dB		

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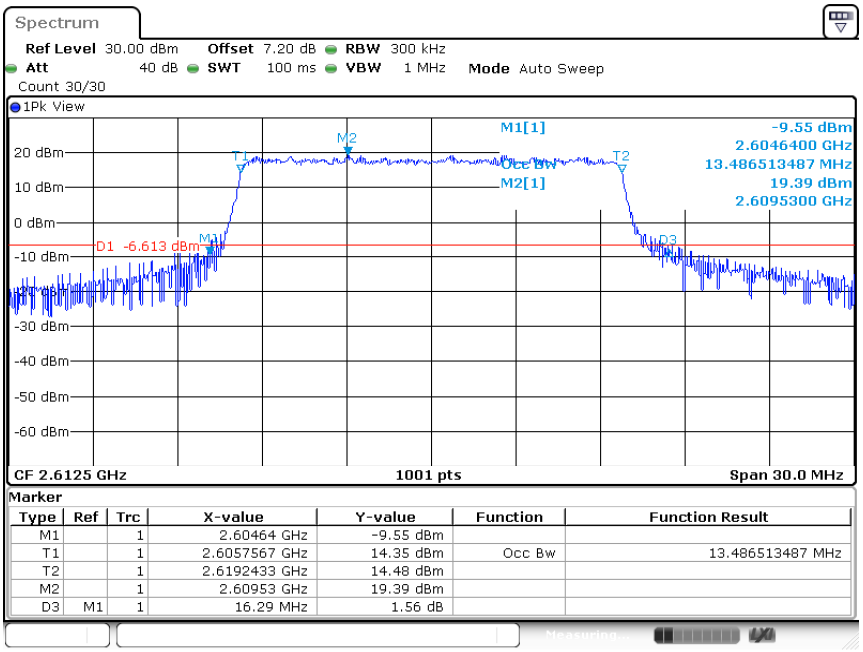
Band38-15MHz-QPSK-38175-75RB#0-13.487



Marker

Type	Ref	Trc	X-value	Y-value	Function	Function Result
M1		1	2.60464 GHz	-9.55 dBm		
T1		1	2.6057567 GHz	14.35 dBm	Occ Bw	13.486513487 MHz
T2		1	2.6192433 GHz	14.48 dBm		
M2		1	2.60953 GHz	19.39 dBm		
D3	M1	1	16.29 MHz	1.56 dB		

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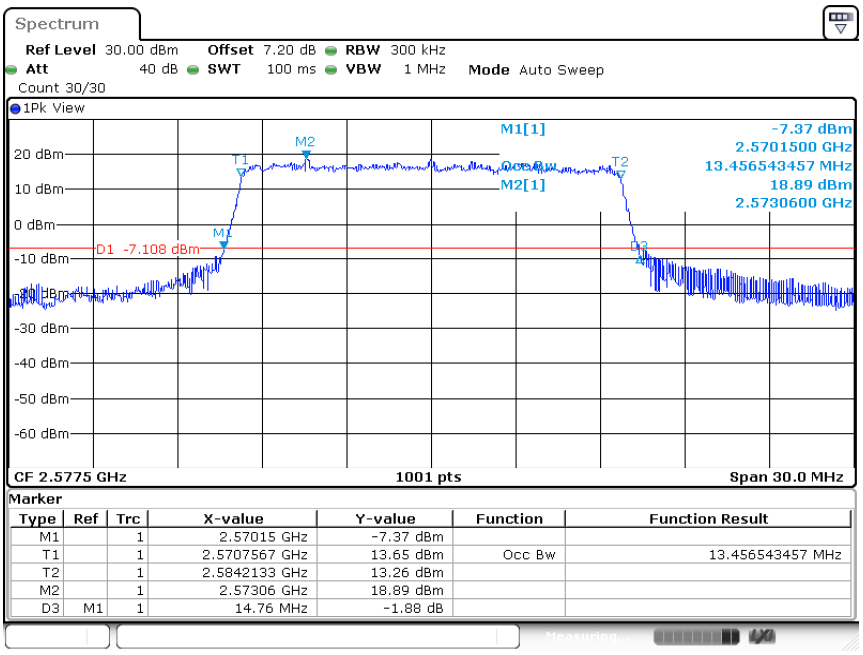
Band38-15MHz-64QAM-37825-75RB#0-13.457



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Type	Ref	Trc	X-value	Y-value	Function	Function Result
M1		1	2.57015 GHz	-7.37 dBm		
T1		1	2.5707567 GHz	13.65 dBm	Occ Bw	13.456543457 MHz
T2		1	2.5842133 GHz	13.26 dBm		
M2		1	2.57306 GHz	18.89 dBm		
D3	M1	1	14.76 MHz	-1.88 dB		

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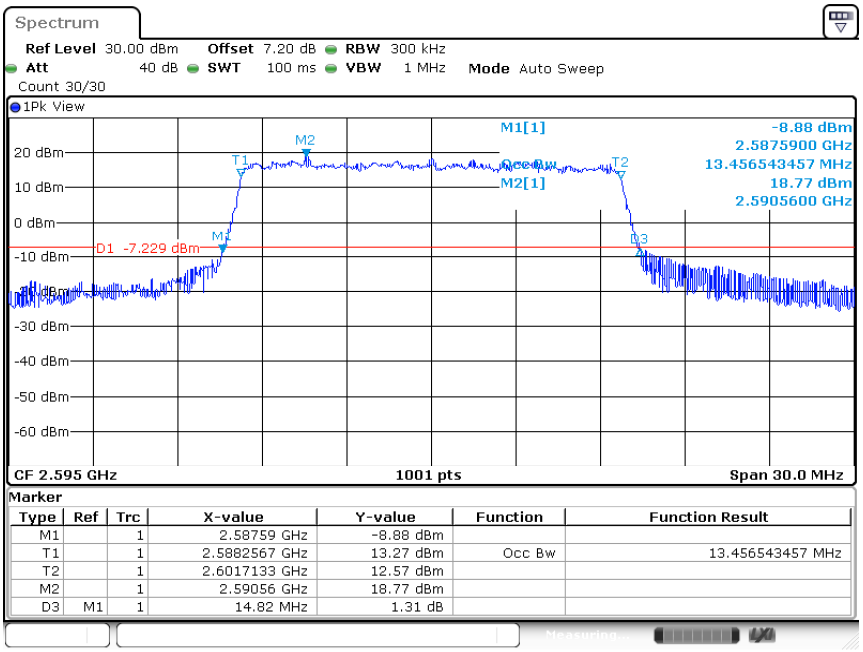
Band38-15MHz-64QAM-38000-75RB#0-13.457



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Type	Ref	Trc	X-value	Y-value	Function	Function Result
M1		1	2.58759 GHz	-8.88 dBm		
T1		1	2.5882567 GHz	13.27 dBm	Occ Bw	13.456543457 MHz
T2		1	2.6017133 GHz	12.57 dBm		
M2		1	2.59056 GHz	18.77 dBm		
D3	M1	1	14.82 MHz	1.31 dB		

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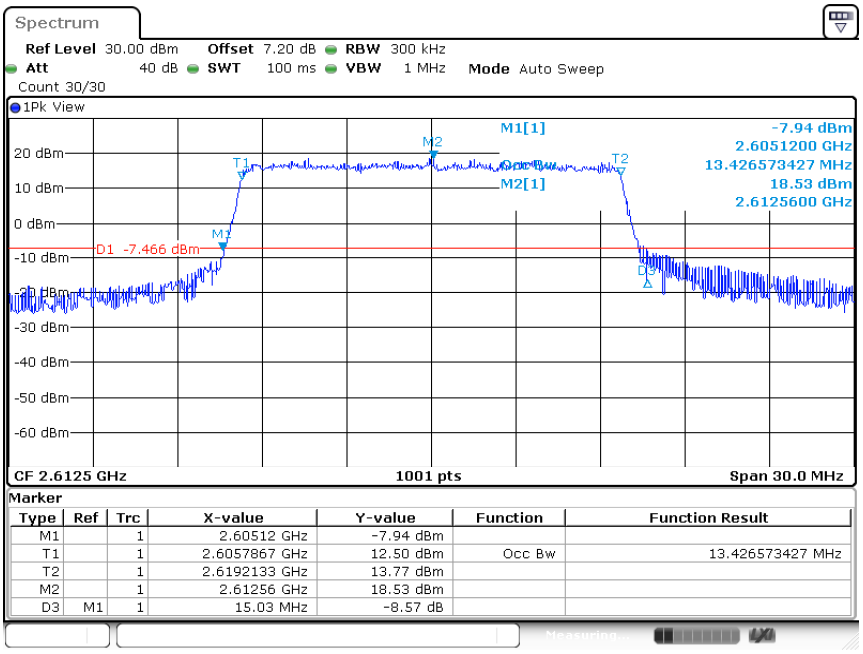
Band38-15MHz-64QAM-38175-75RB#0-13.427



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Type	Ref	Trc	X-value	Y-value	Function	Function Result
M1		1	2.60512 GHz	-7.94 dBm		
T1		1	2.6057867 GHz	12.50 dBm	Occ Bw	13.426573427 MHz
T2		1	2.6192133 GHz	13.77 dBm		
M2		1	2.61256 GHz	18.53 dBm		
D3	M1	1	15.03 MHz	-8.57 dB		

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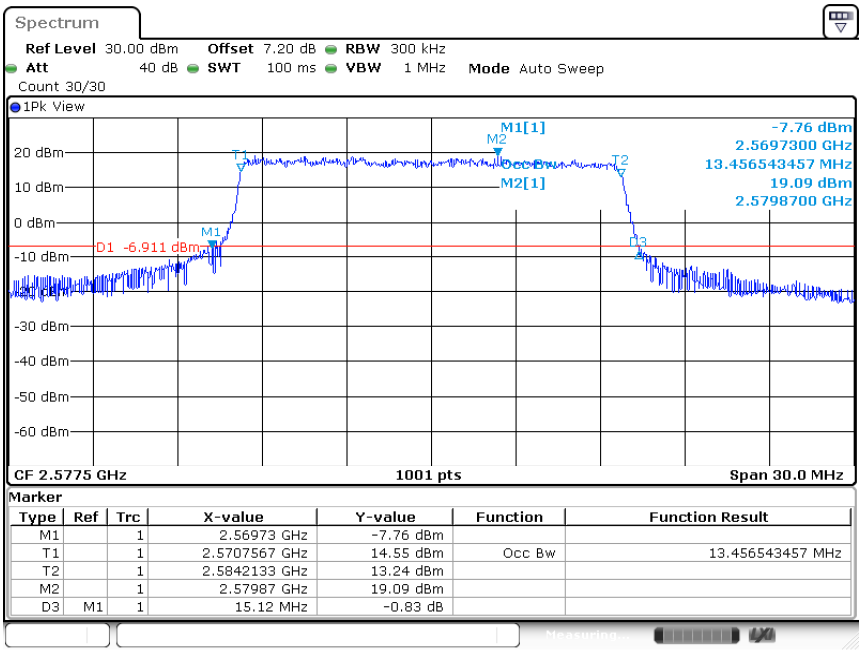
Band38-15MHz-16QAM-37825-75RB#0-13.457



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Type	Ref	Trc	X-value	Y-value	Function	Function Result
M1		1	2.56973 GHz	-7.76 dBm		
T1		1	2.5707567 GHz	14.55 dBm	Occ Bw	13.456543457 MHz
T2		1	2.5842133 GHz	13.24 dBm		
M2		1	2.57987 GHz	19.09 dBm		
D3	M1	1	15.12 MHz	-0.83 dB		

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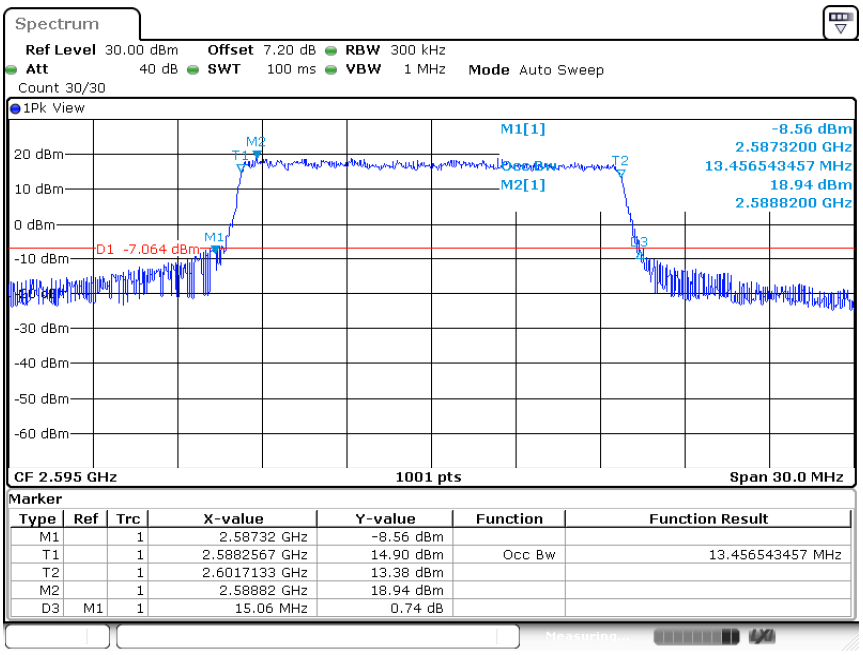

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Type	Ref	Trc	X-value	Y-value	Function	Function Result
M1		1	2.58732 GHz	-8.56 dBm		
T1		1	2.5882567 GHz	14.90 dBm	Occ Bw	13.456543457 MHz
T2		1	2.6017133 GHz	13.38 dBm		
M2		1	2.58882 GHz	18.94 dBm		
D3	M1	1	15.06 MHz	0.74 dB		

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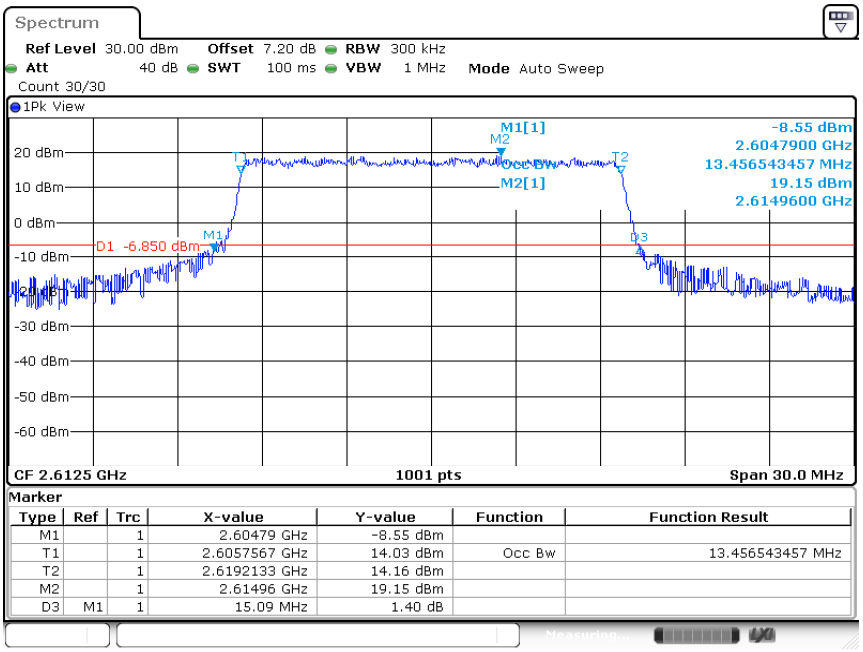
Band38-15MHz-16QAM-38175-75RB#0-13.457



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Type	Ref	Trc	X-value	Y-value	Function	Function Result
M1		1	2.60479 GHz	-8.55 dBm		
T1		1	2.6057567 GHz	14.03 dBm	Occ Bw	13.456543457 MHz
T2		1	2.6192133 GHz	14.16 dBm		
M2		1	2.61496 GHz	19.15 dBm		
D3	M1	1	15.09 MHz	1.40 dB		

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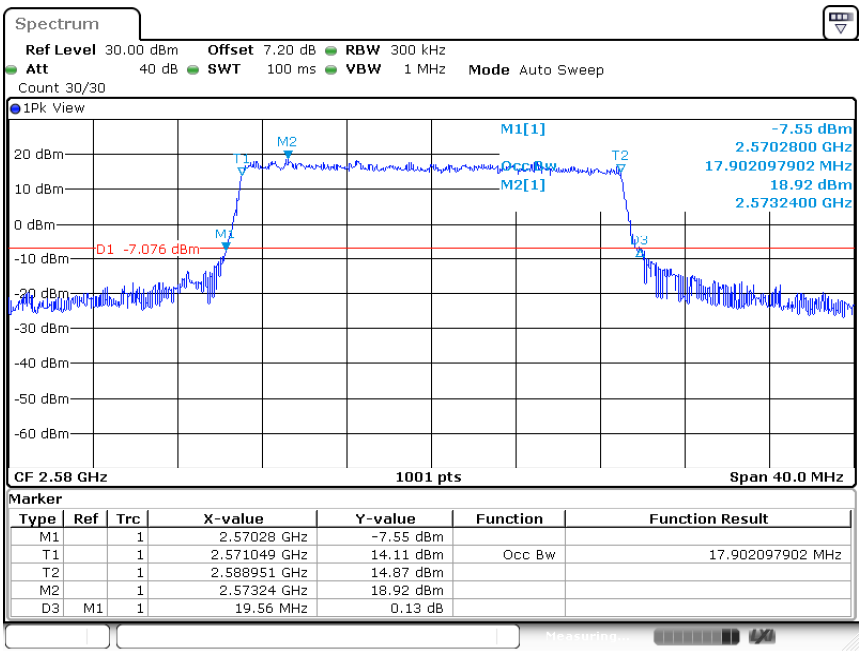
Band38-20MHz-QPSK-37850-100RB#0-17.902



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Type	Ref	Trc	X-value	Y-value	Function	Function Result
M1		1	2.57028 GHz	-7.55 dBm		
T1		1	2.571049 GHz	14.11 dBm	Occ Bw	17.902097902 MHz
T2		1	2.588951 GHz	14.87 dBm		
M2		1	2.57324 GHz	18.92 dBm		
D3	M1	1	19.56 MHz	0.13 dB		

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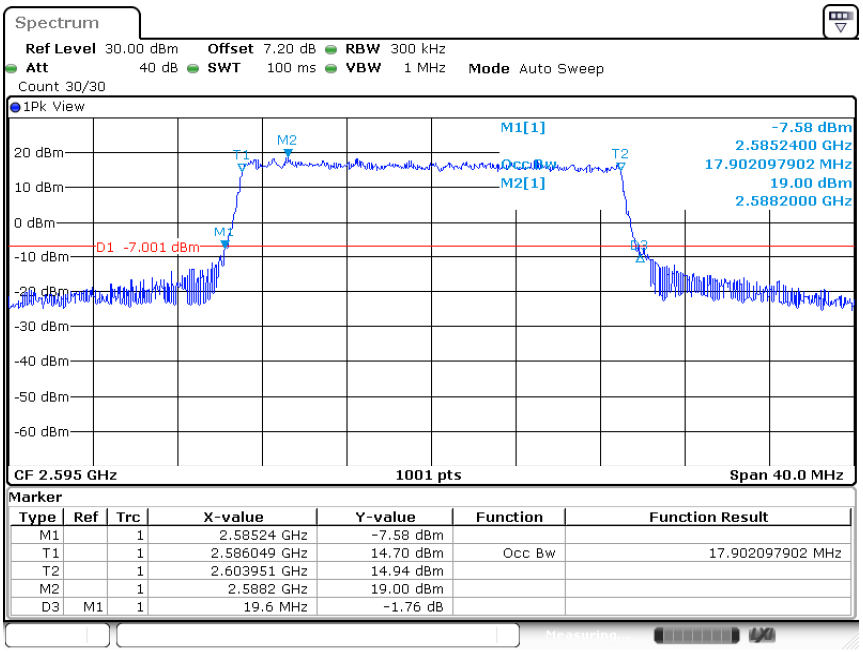
Band38-20MHz-QPSK-38000-100RB#0-17.902



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Type	Ref	Trc	X-value	Y-value	Function	Function Result
M1		1	2.58524 GHz	-7.58 dBm		
T1		1	2.586049 GHz	14.70 dBm	Occ Bw	17.902097902 MHz
T2		1	2.603951 GHz	14.94 dBm		
M2		1	2.5882 GHz	19.00 dBm		
D3	M1	1	19.6 MHz	-1.76 dB		

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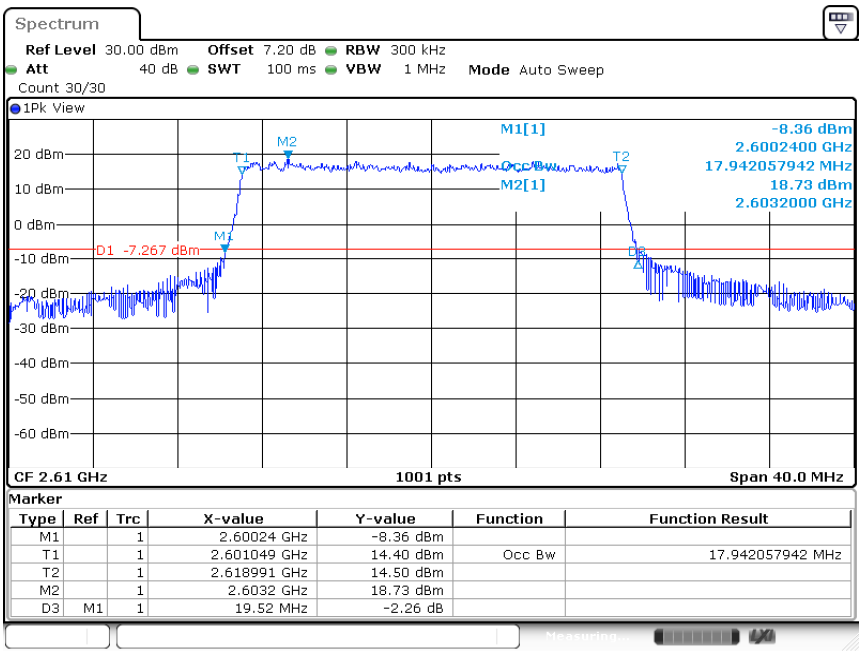
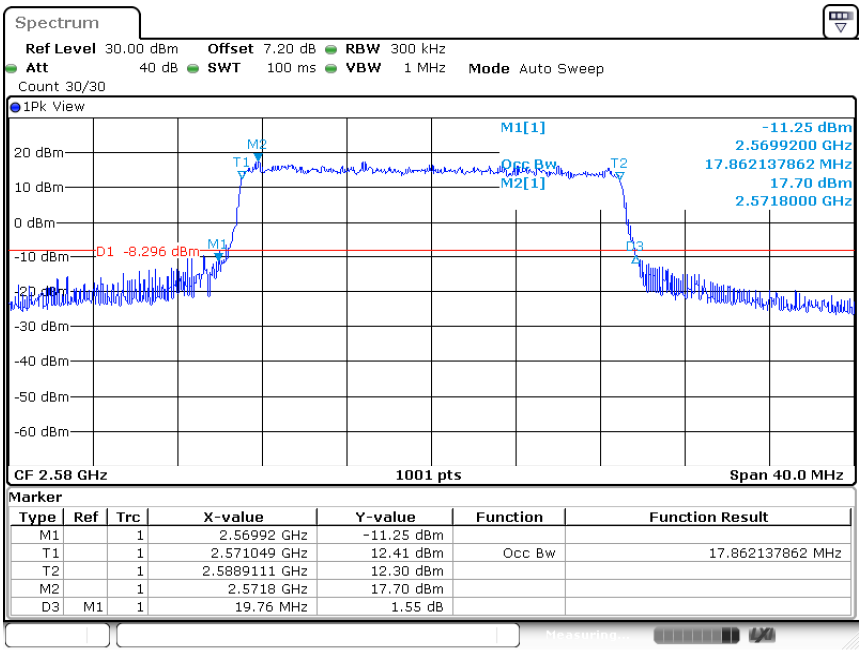
Band38-20MHz-QPSK-38150-100RB#0-17.942



Date: 23.DEC.2020 19:58:27

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



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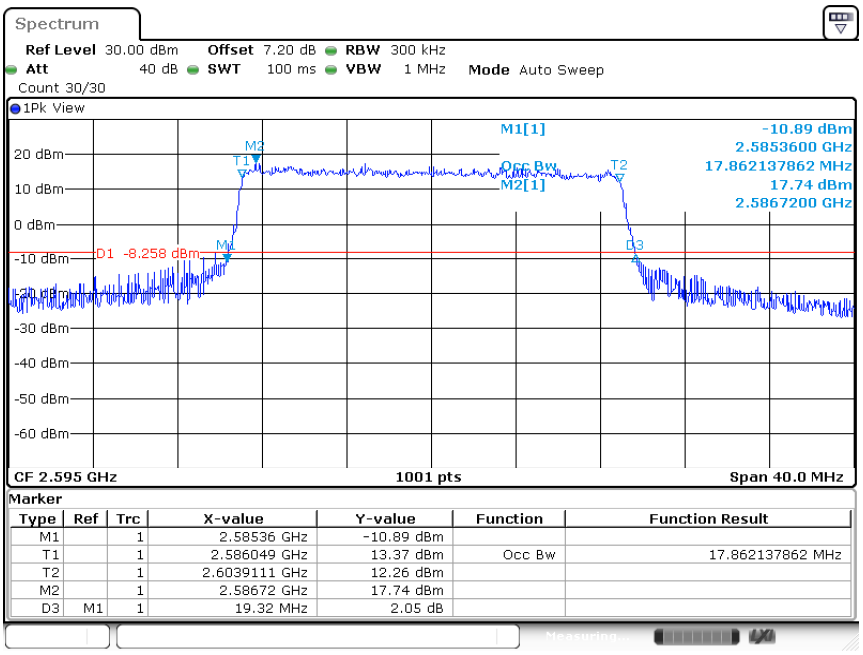
Band38-20MHz-64QAM-38000-100RB#0-17.862



Marker

Type	Ref	Trc	X-value	Y-value	Function	Function Result
M1		1	2.58536 GHz	-10.89 dBm		
T1		1	2.586049 GHz	13.37 dBm	Occ Bw	17.862137862 MHz
T2		1	2.6039111 GHz	12.26 dBm		
M2		1	2.58672 GHz	17.74 dBm		
D3	M1	1	19.32 MHz	2.05 dB		

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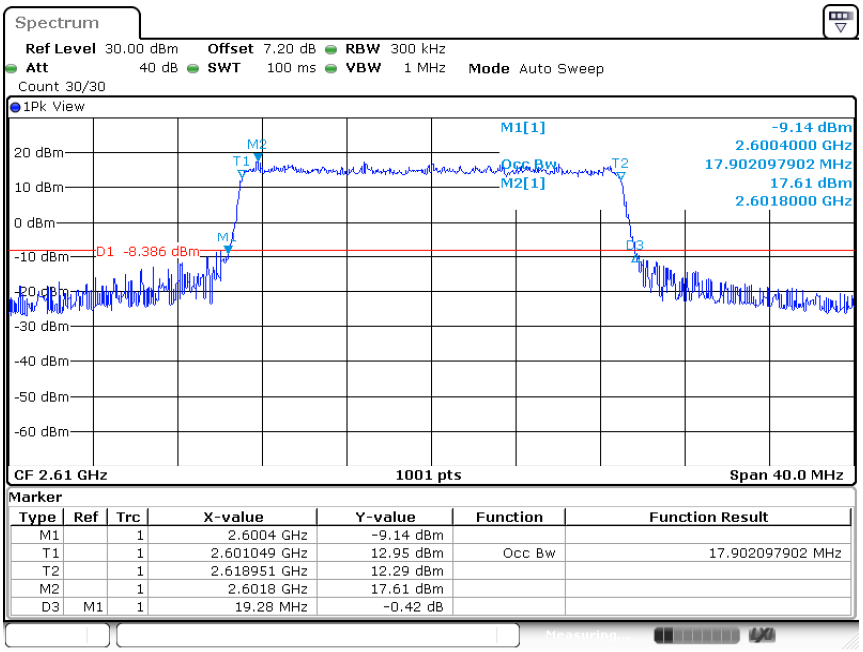
Band38-20MHz-64QAM-38150-100RB#0-17.902



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Type	Ref	Trc	X-value	Y-value	Function	Function Result
M1		1	2.6004 GHz	-9.14 dBm		
T1		1	2.601049 GHz	12.95 dBm	Occ Bw	17.902097902 MHz
T2		1	2.618951 GHz	12.29 dBm		
M2		1	2.6018 GHz	17.61 dBm		
D3	M1	1	19.28 MHz	-0.42 dB		

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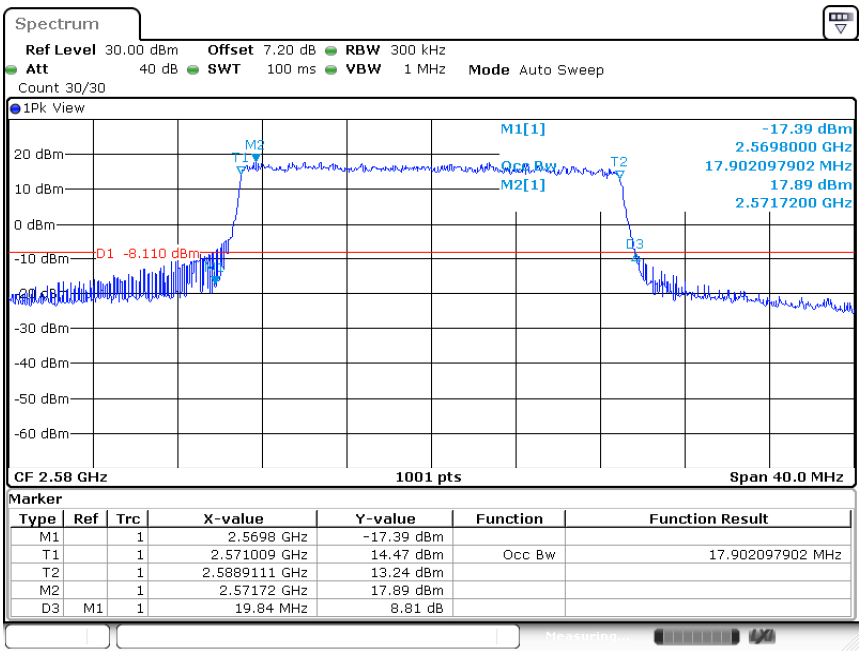
Band38-20MHz-16QAM-37850-100RB#0-17.902



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Type	Ref	Trc	X-value	Y-value	Function	Function Result
M1		1	2.5698 GHz	-17.39 dBm		
T1		1	2.571009 GHz	14.47 dBm	Occ Bw	17.902097902 MHz
T2		1	2.5889111 GHz	13.24 dBm		
M2		1	2.57172 GHz	17.89 dBm		
D3	M1	1	19.84 MHz	8.81 dB		

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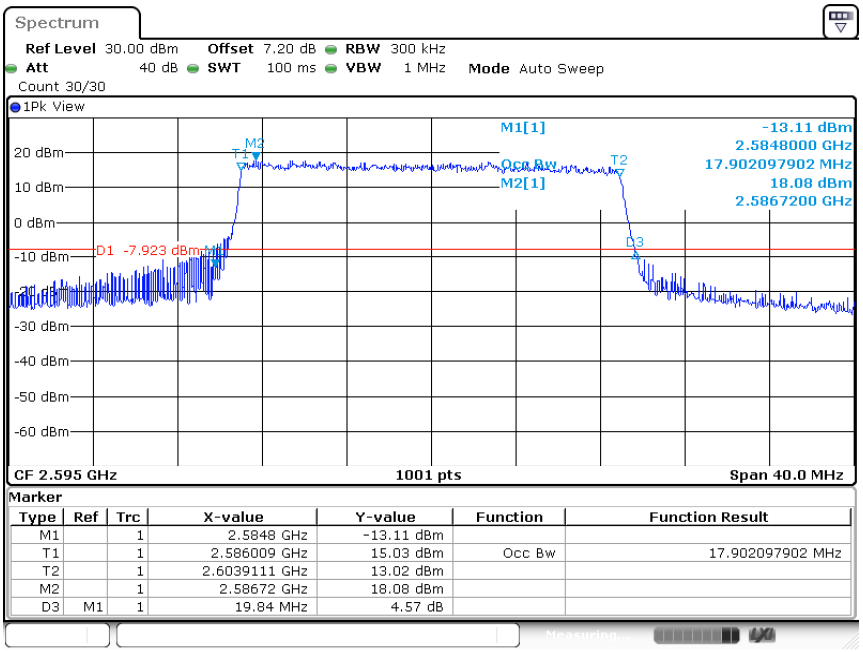
Band38-20MHz-16QAM-38000-100RB#0-17.902



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Type	Ref	Trc	X-value	Y-value	Function	Function Result
M1		1	2.5848 GHz	-13.11 dBm		
T1		1	2.586009 GHz	15.03 dBm	Occ Bw	17.902097902 MHz
T2		1	2.6039111 GHz	13.02 dBm		
M2		1	2.58672 GHz	18.08 dBm		
D3	M1	1	19.84 MHz	4.57 dB		

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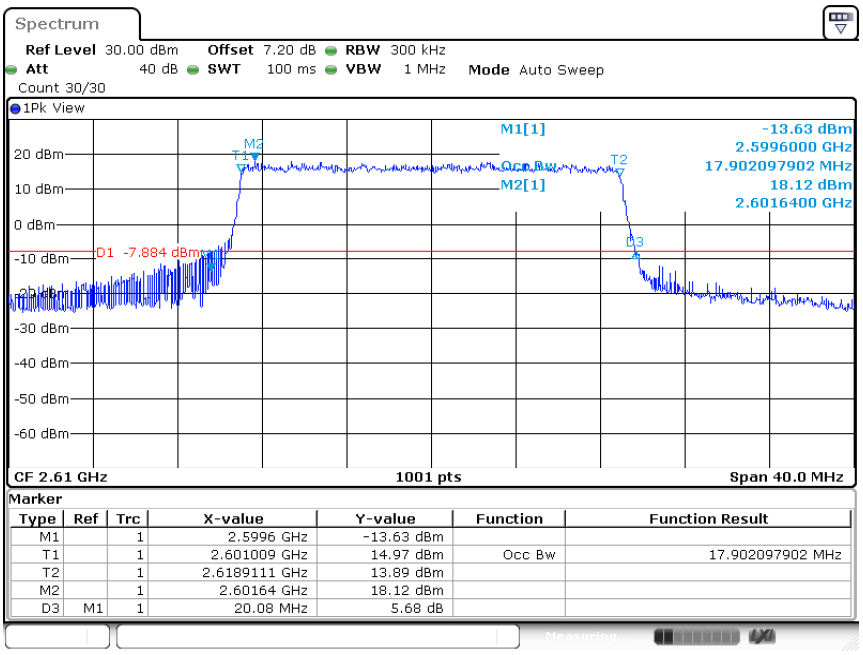

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Type	Ref	Trc	X-value	Y-value	Function	Function Result
M1		1	2.5996 GHz	-13.63 dBm		
T1		1	2.601009 GHz	14.97 dBm	Occ Bw	17.902097902 MHz
T2		1	2.6189111 GHz	13.89 dBm		
M2		1	2.60164 GHz	18.12 dBm		
D3	M1	1	20.08 MHz	5.68 dB		

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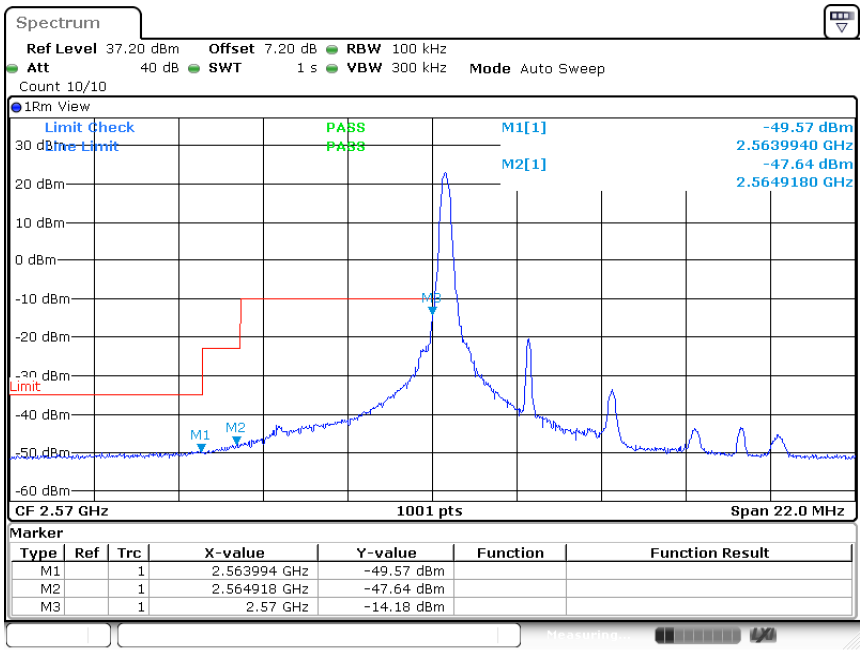
5. Band Edge Compliance

5.1. Test Plots

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



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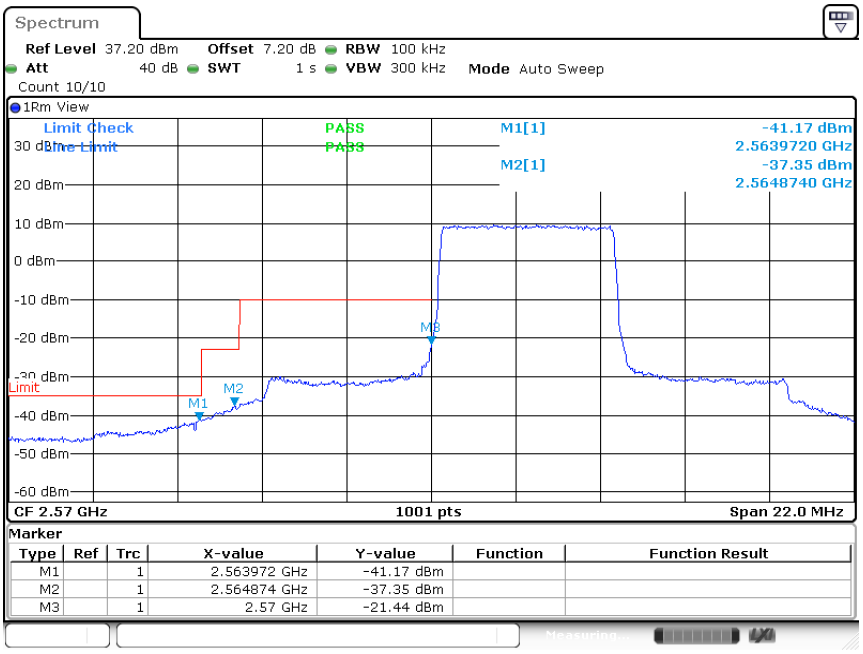

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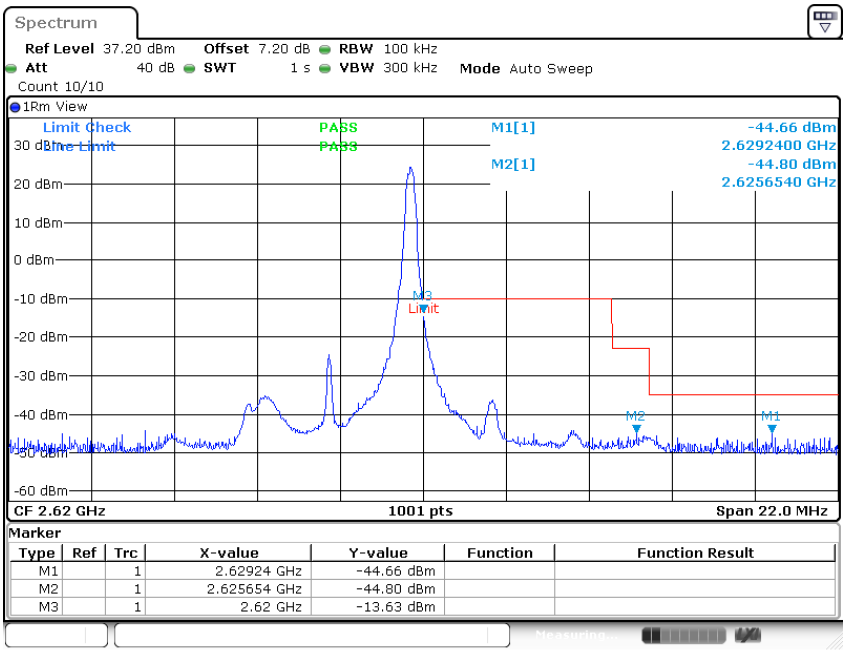
Band38-5MHz-QPSK-38225-1RB#24



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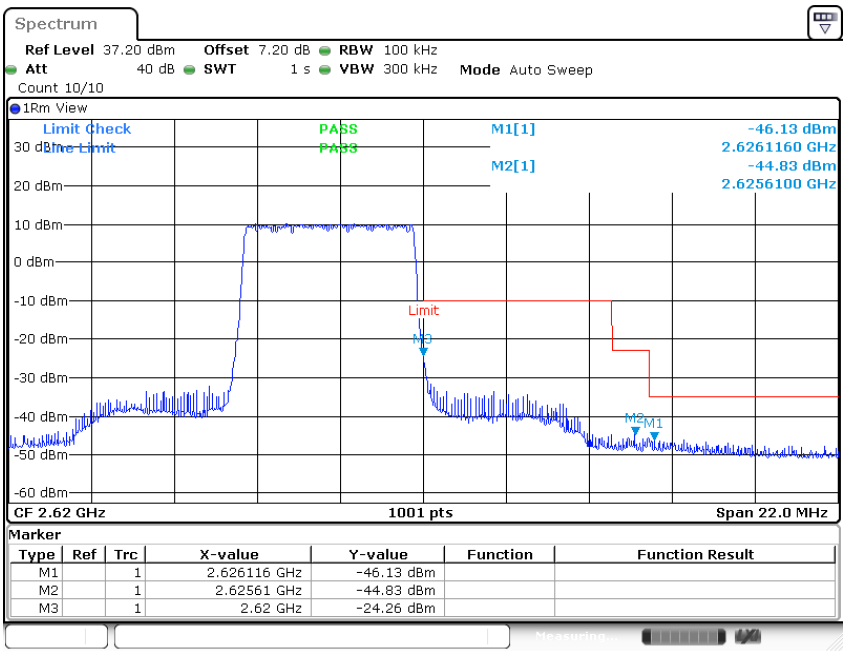

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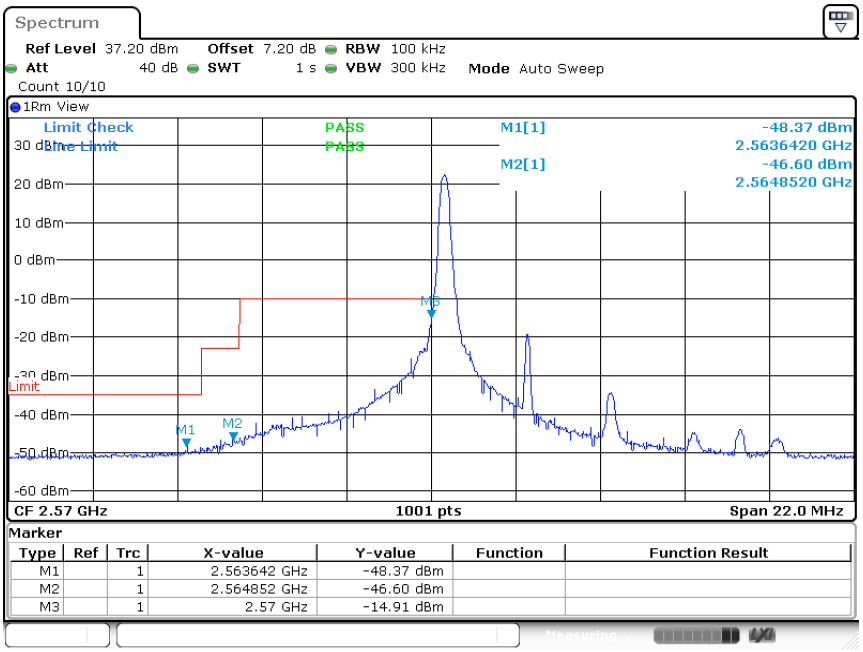
Band38-5MHz-64QAM-37775-1RB#0



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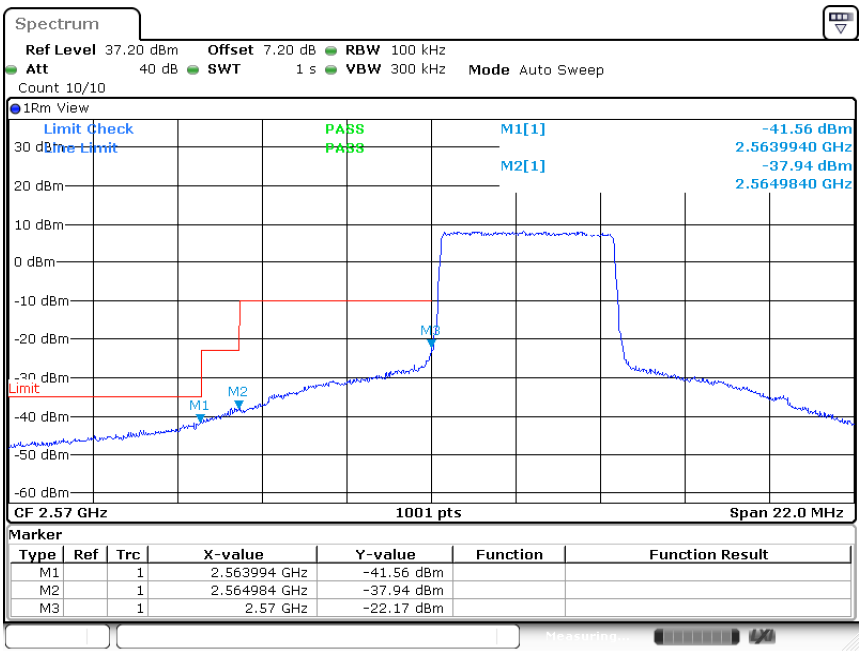

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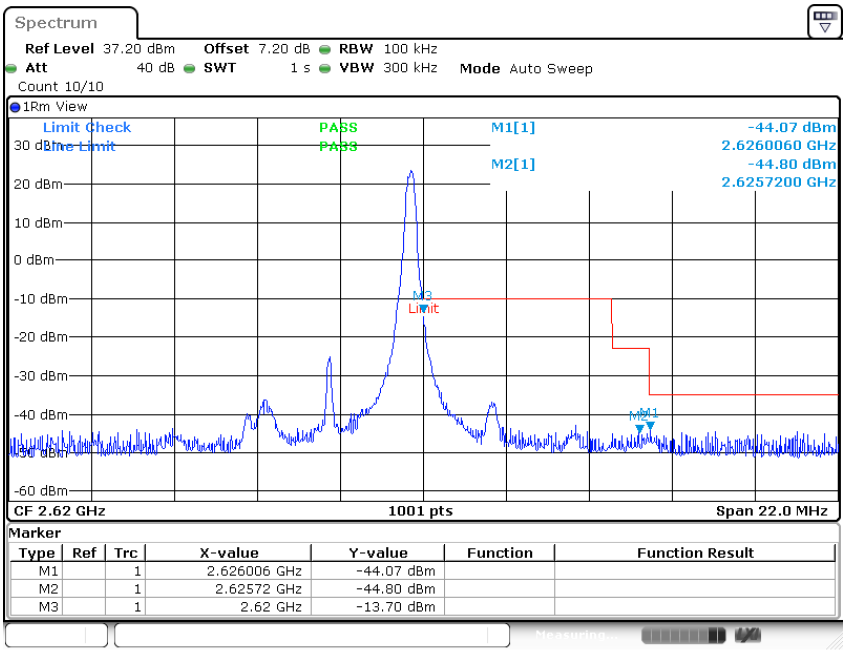
Band38-5MHz-64QAM-38225-1RB#24



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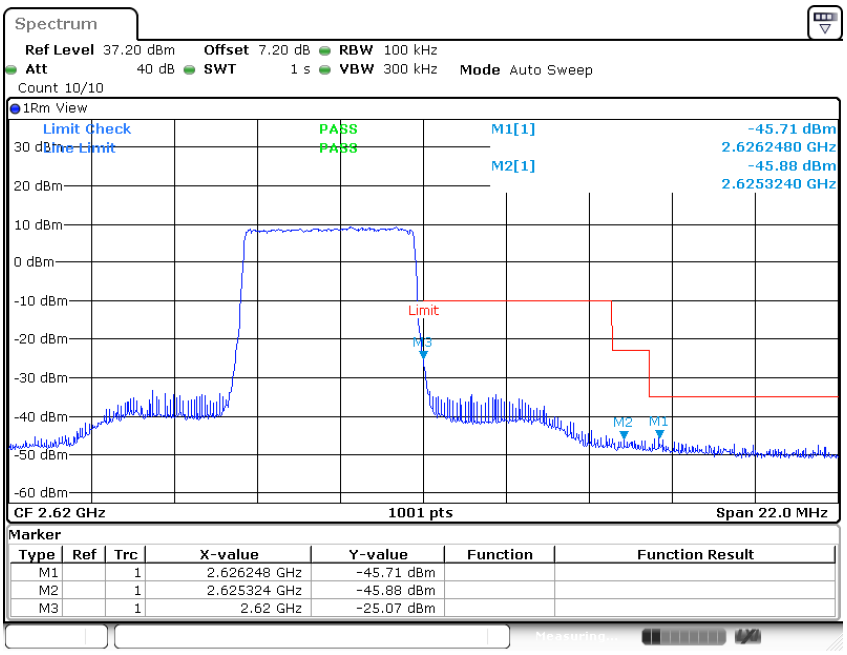

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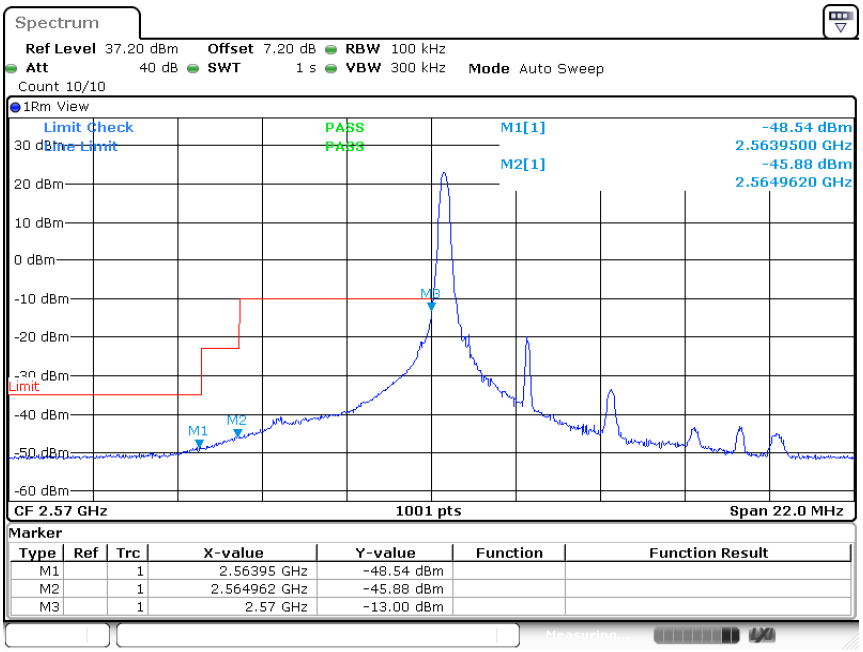
Band38-5MHz-16QAM-37775-1RB#0



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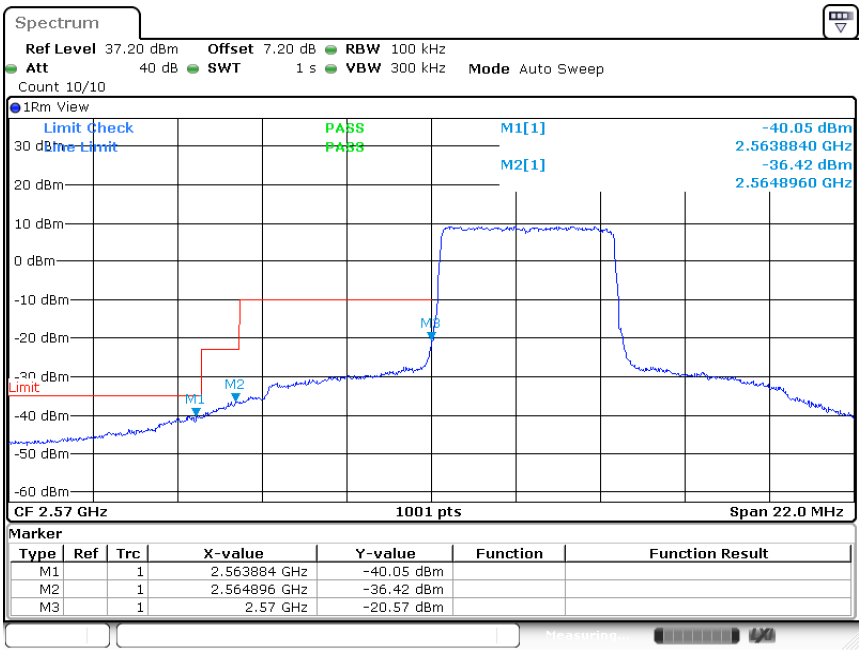

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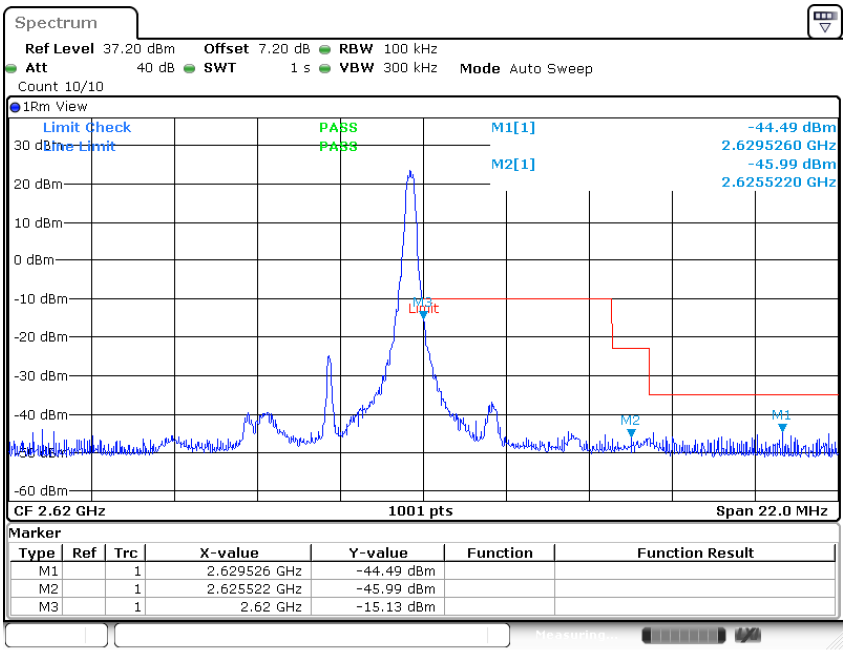
Band38-5MHz-16QAM-38225-1RB#24



Date: 29.DEC.2020 21:19:07

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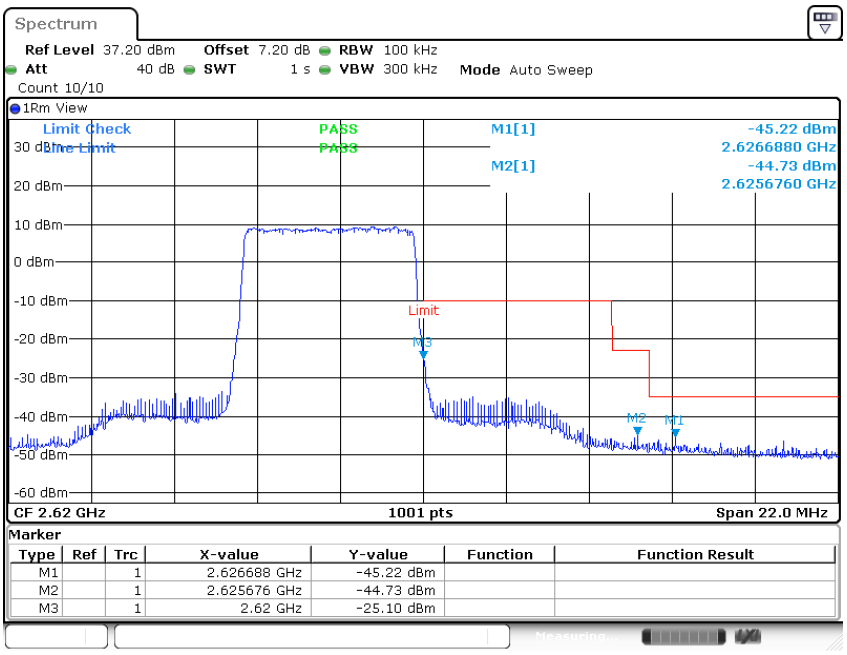
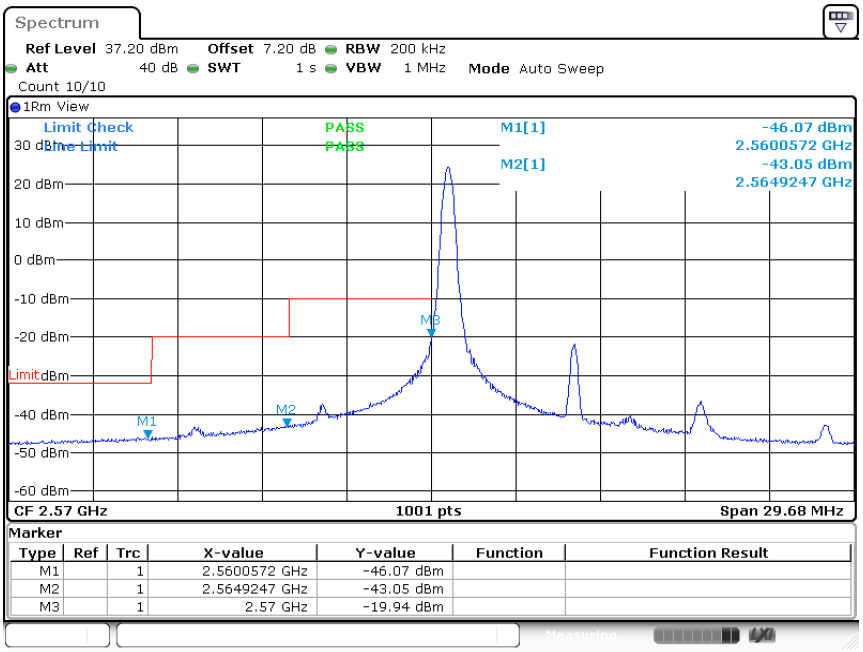
Band38-5MHz-16QAM-38225-25RB#0



Date: 29.DEC.2020 21:21:17

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



Date: 23.DEC.2020 20:02:33

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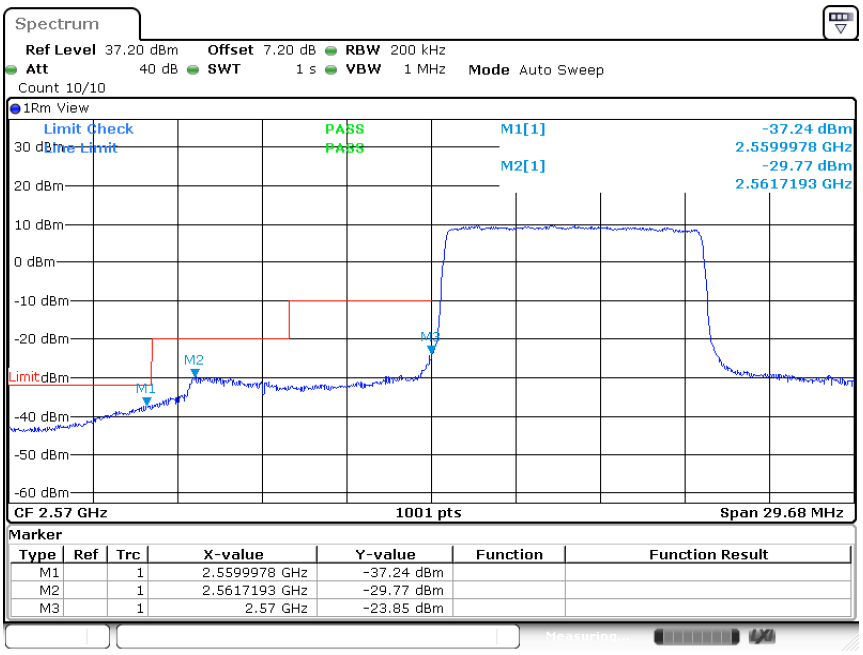
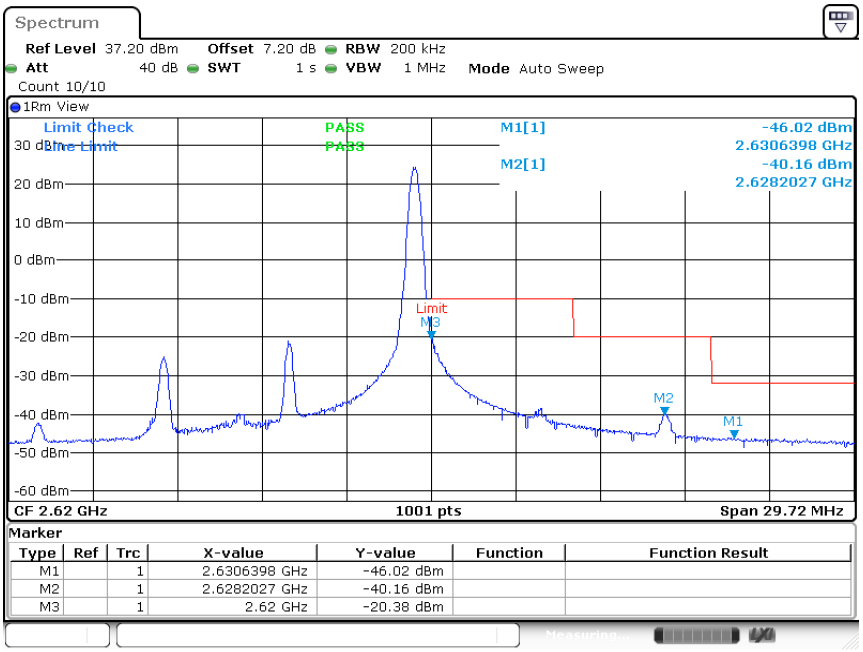
Band38-10MHz-QPSK-37800-50RB#0



Date: 23.DEC.2020 20:04:09

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



Date: 23.DEC.2020 20:03:21

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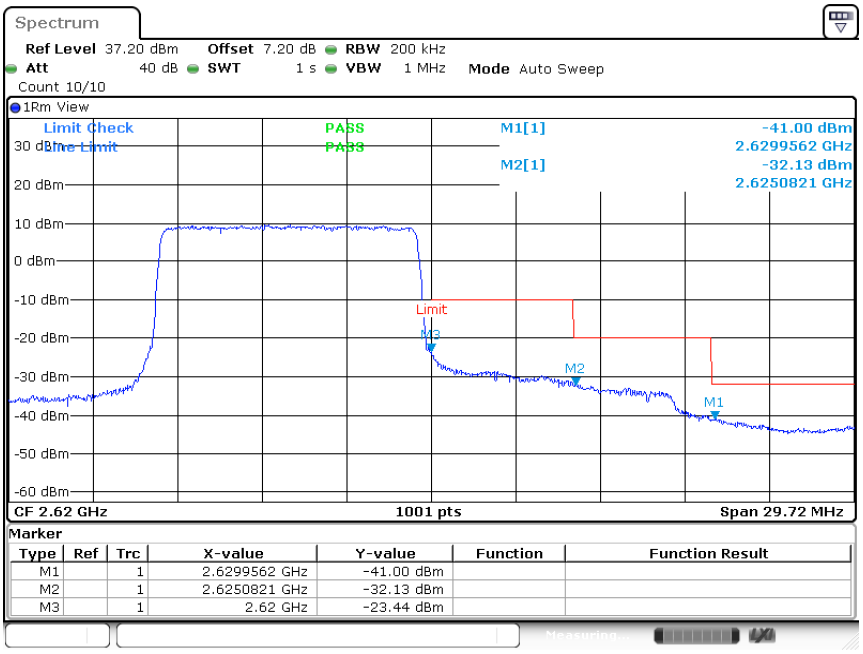
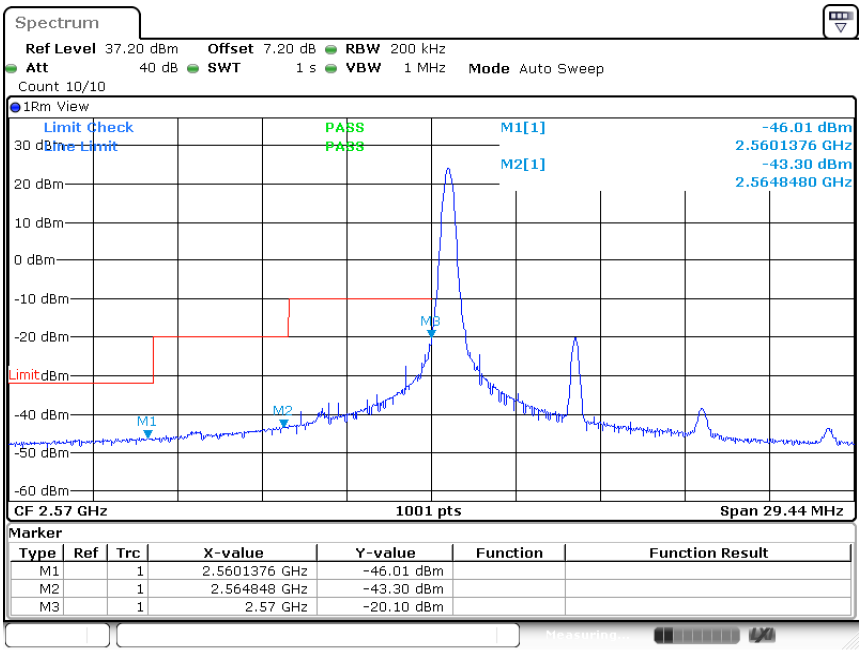
Band38-10MHz-QPSK-38200-50RB#0



Date: 23.DEC.2020 20:04:52

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



Date: 23.DEC.2020 20:26:26

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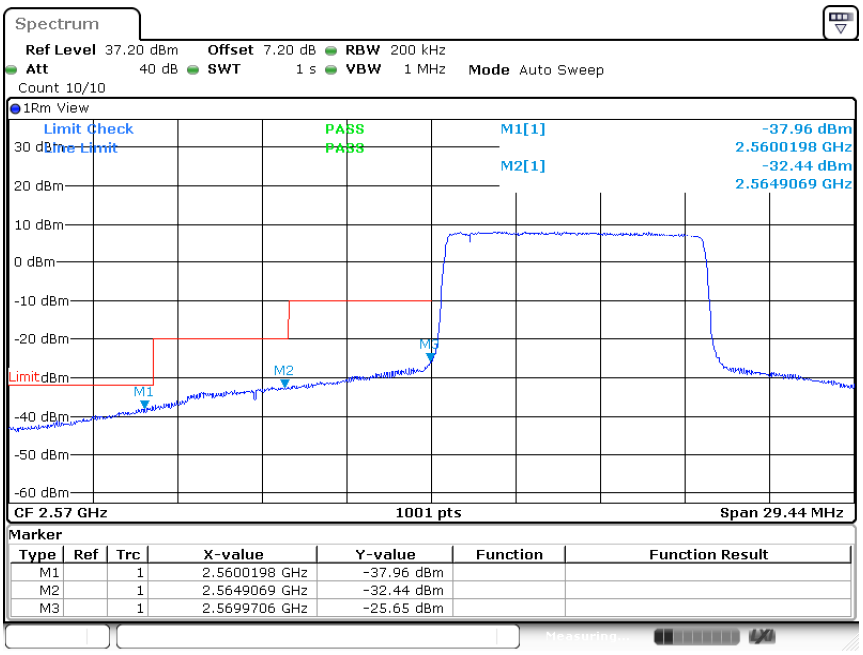
Band38-10MHz-64QAM-37800-50RB#0



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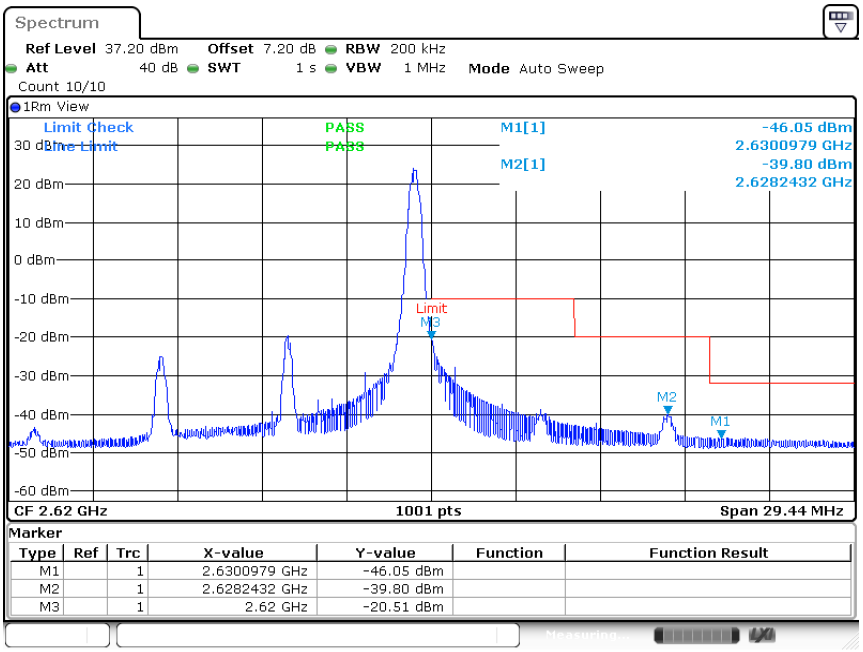
Band38-10MHz-64QAM-38200-1RB#49



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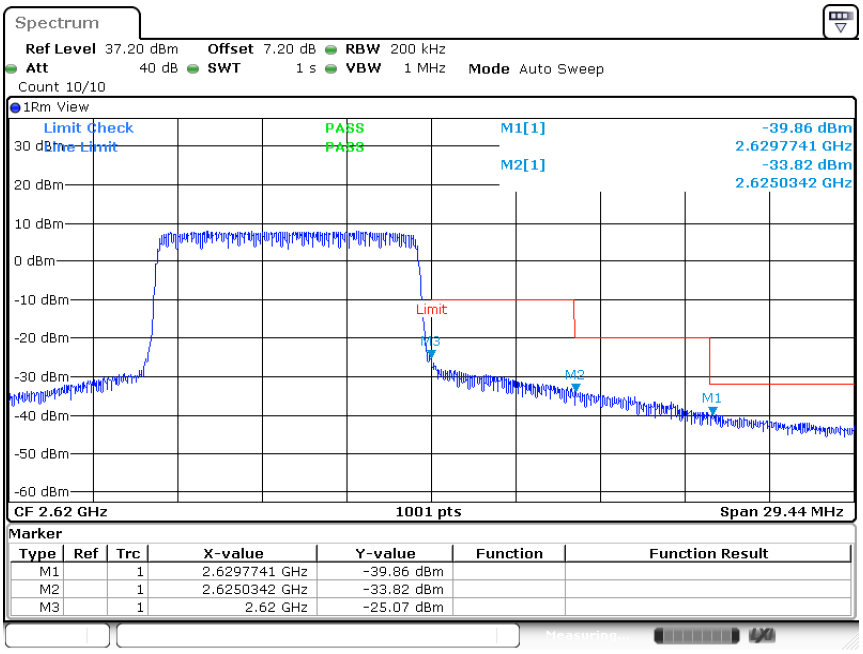
Band38-10MHz-64QAM-38200-50RB#0



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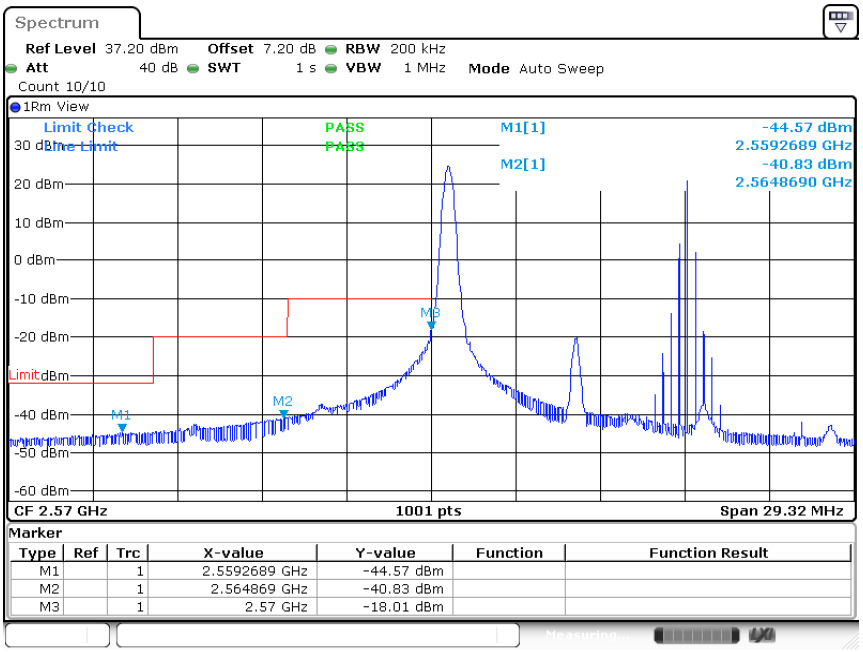
Band38-10MHz-16QAM-37800-1RB#0



Date: 23.DEC.2020 20:02:55

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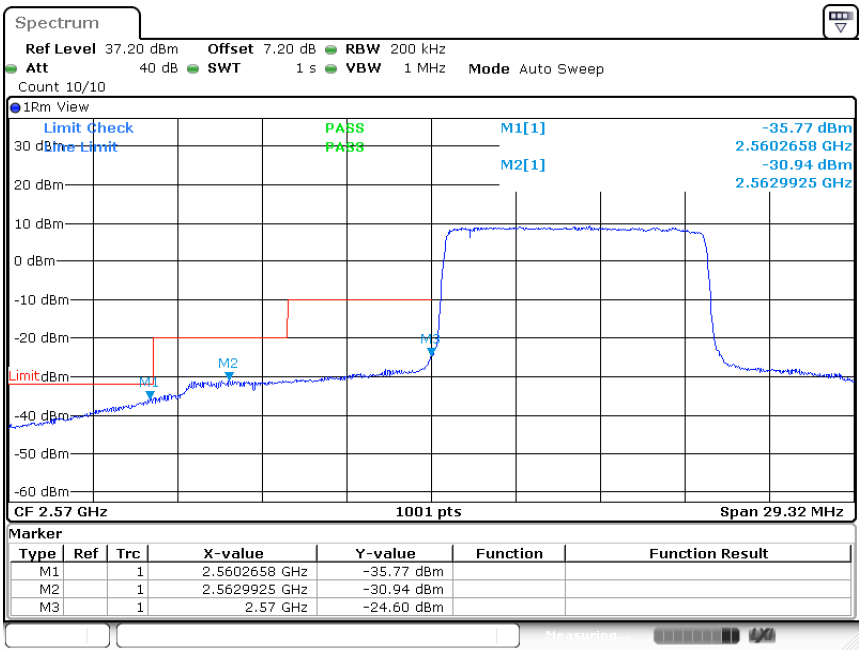

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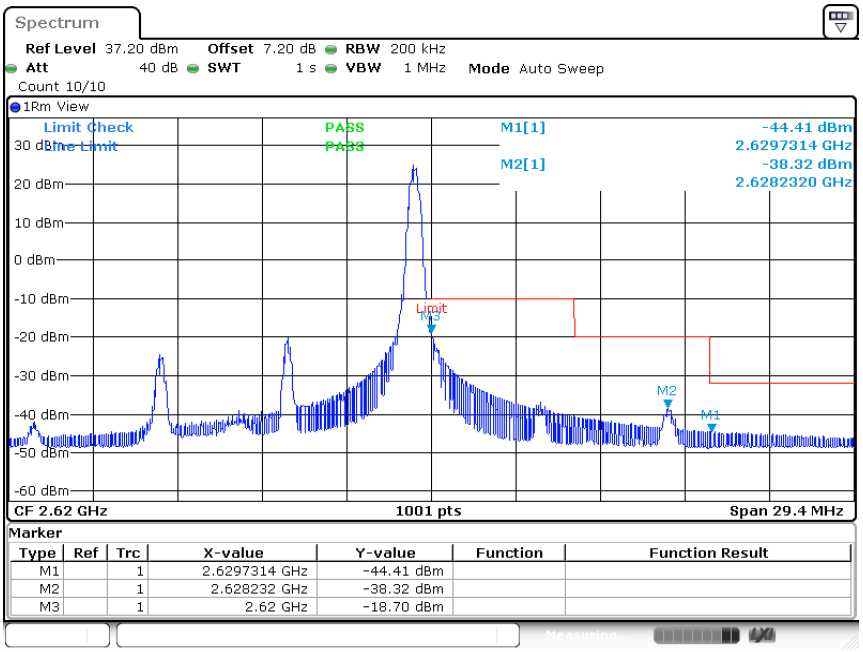
Band38-10MHz-16QAM-38200-1RB#49



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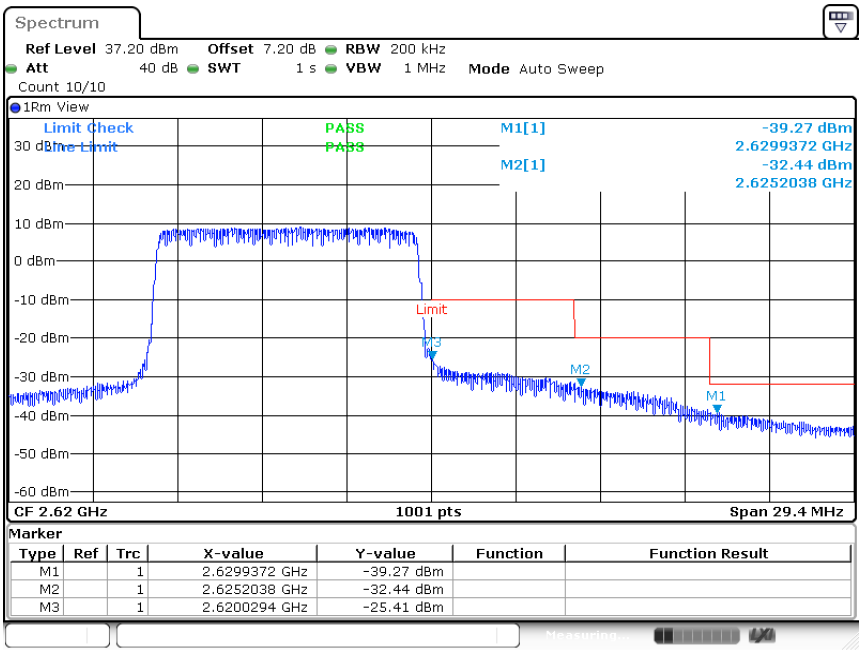
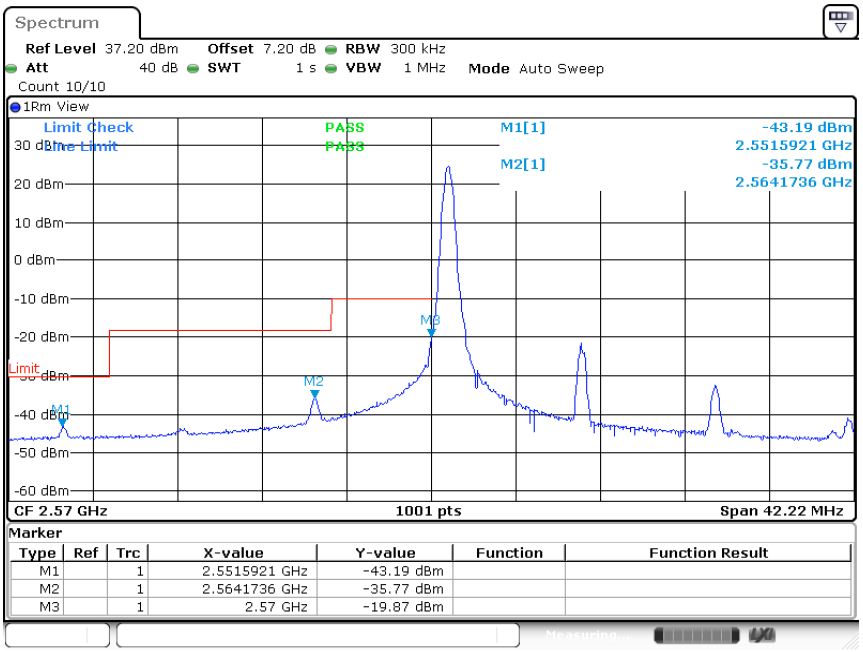


Date: 23.DEC.2020 20:05:14

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



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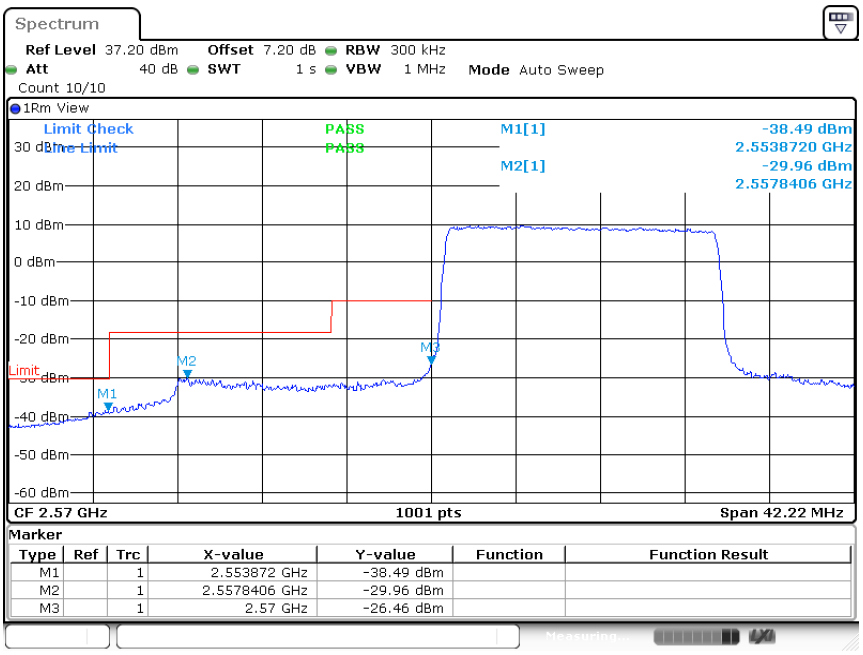
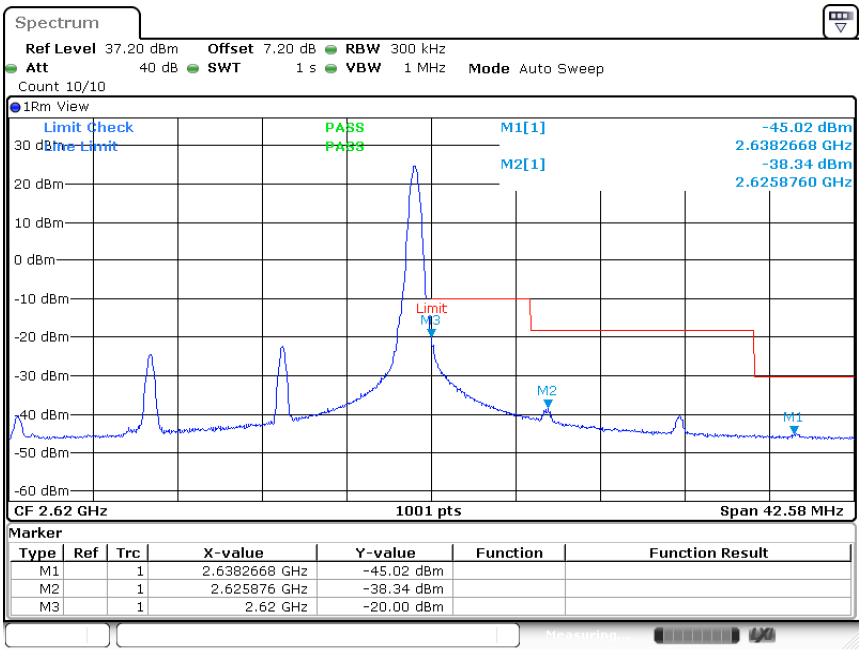
Band38-15MHz-QPSK-37825-75RB#0



Date: 23.DEC.2020 20:07:18

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



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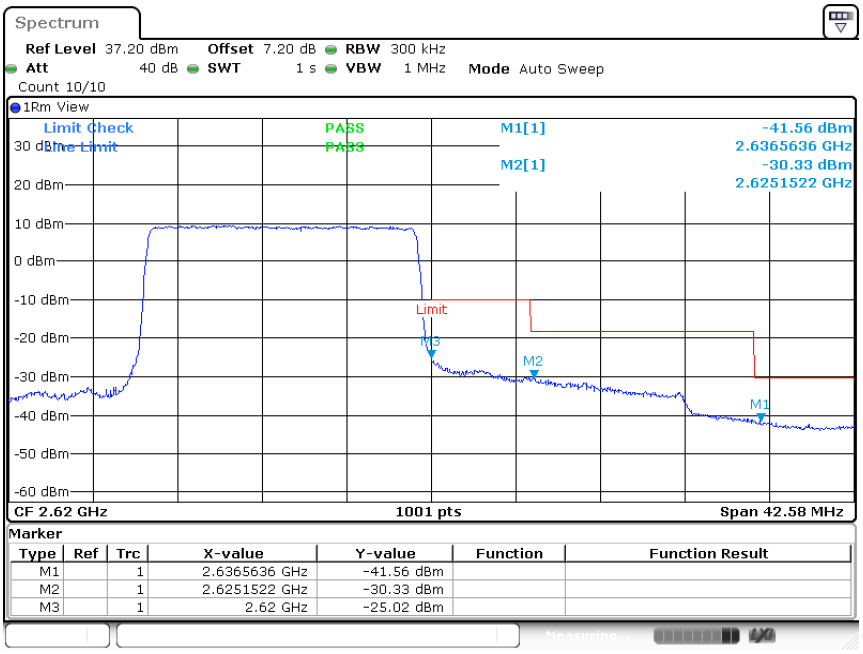
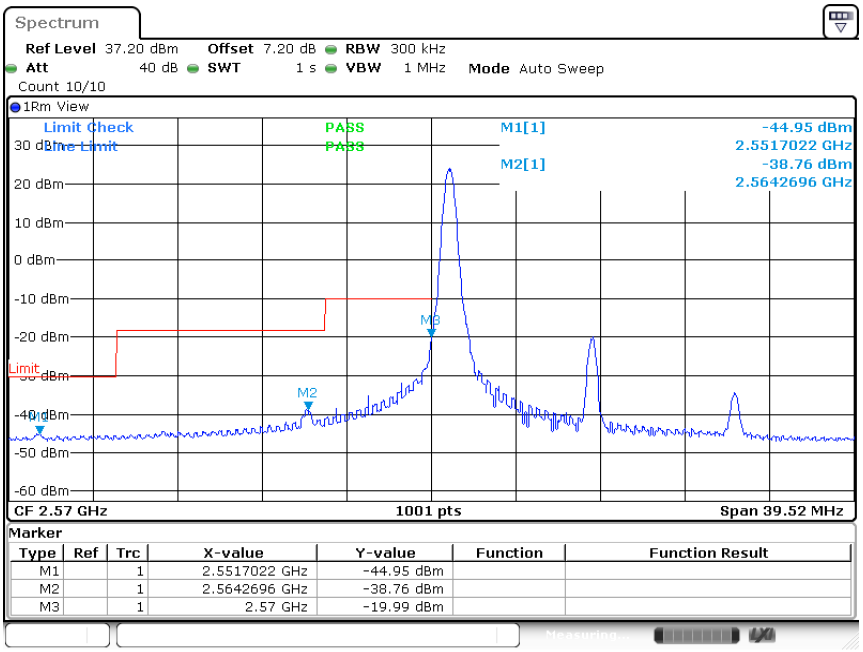
Band38-15MHz-QPSK-38175-75RB#0



Date: 23.DEC.2020 20:08:02

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



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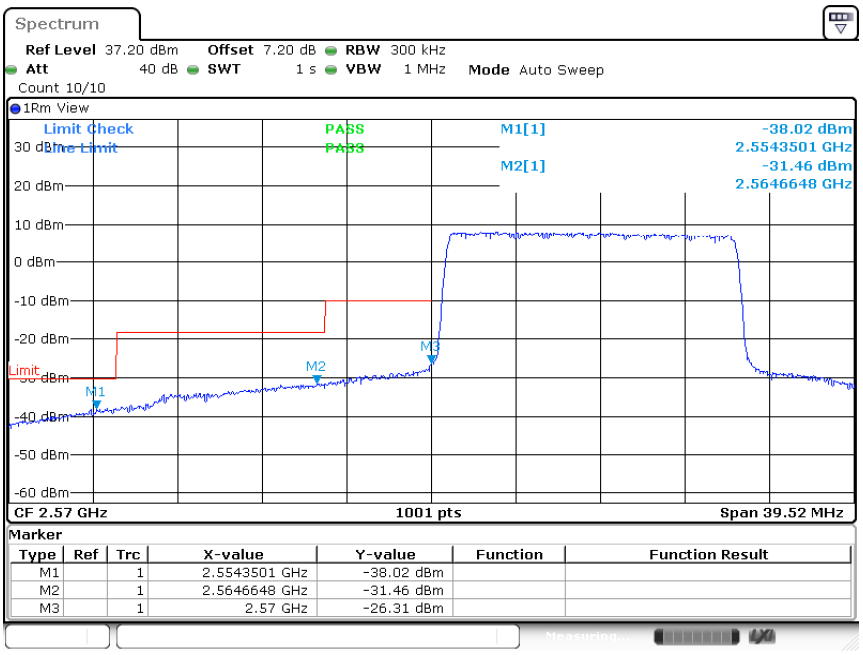
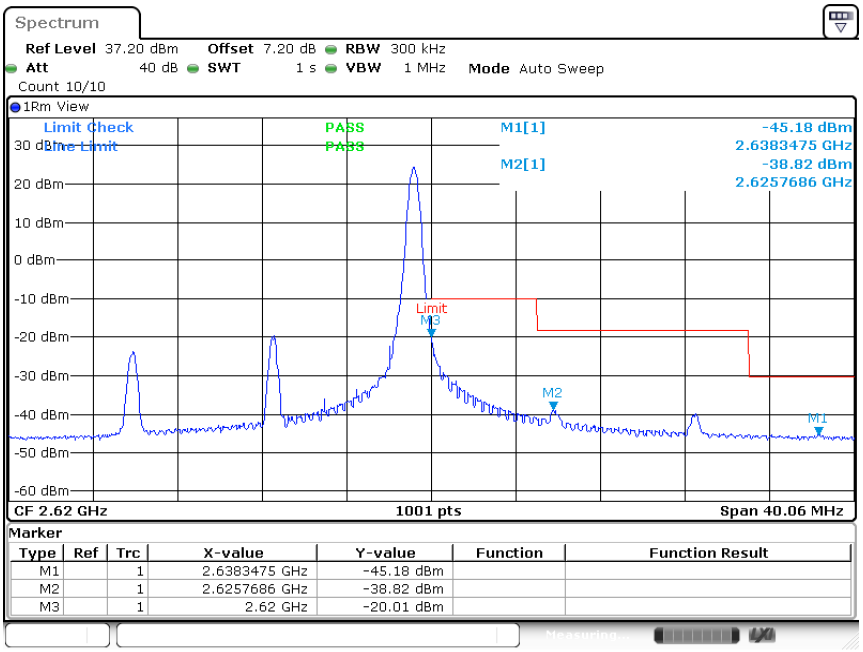
Band38-15MHz-64QAM-37825-75RB#0



Date: 23.DEC.2020 20:29:03

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



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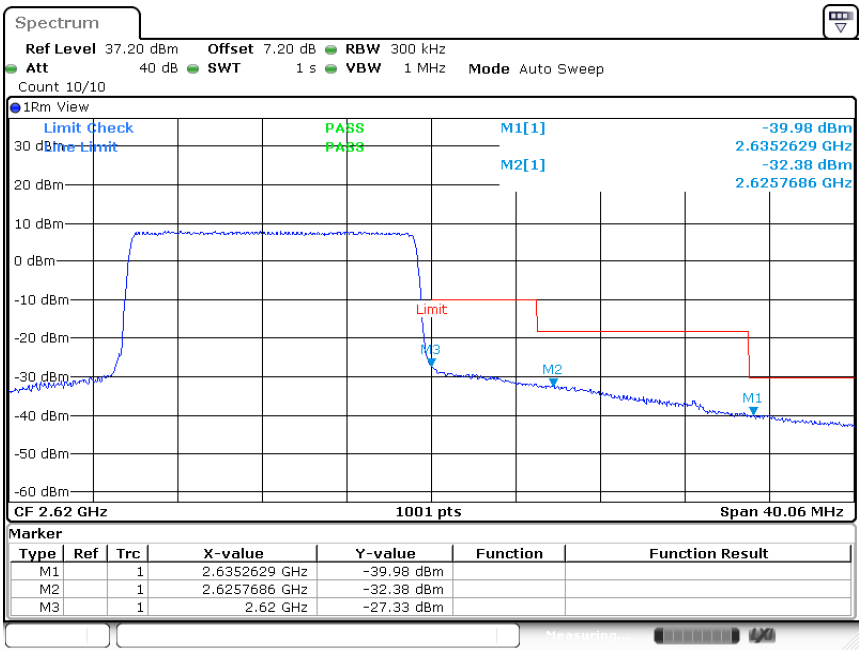
Band38-15MHz-64QAM-38175-75RB#0



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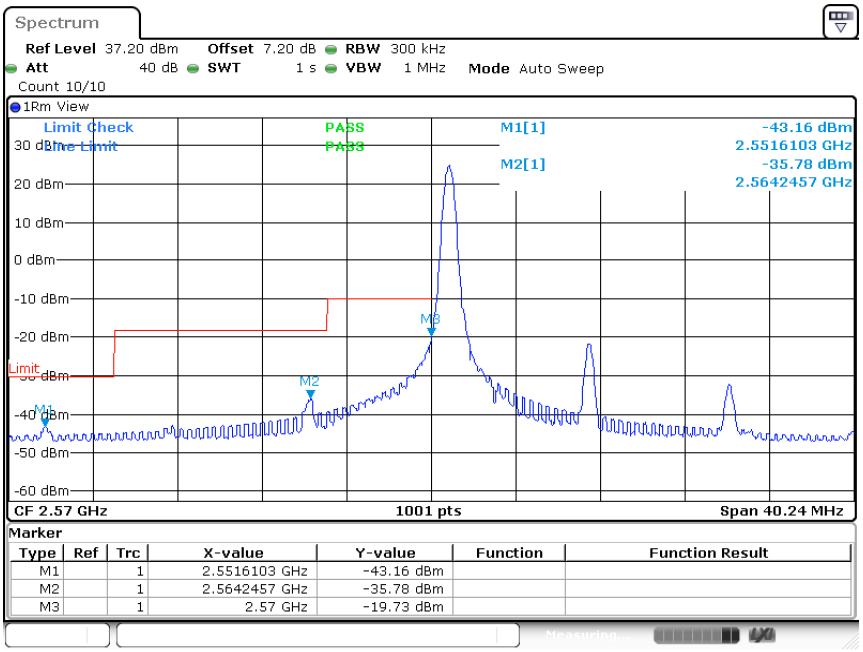

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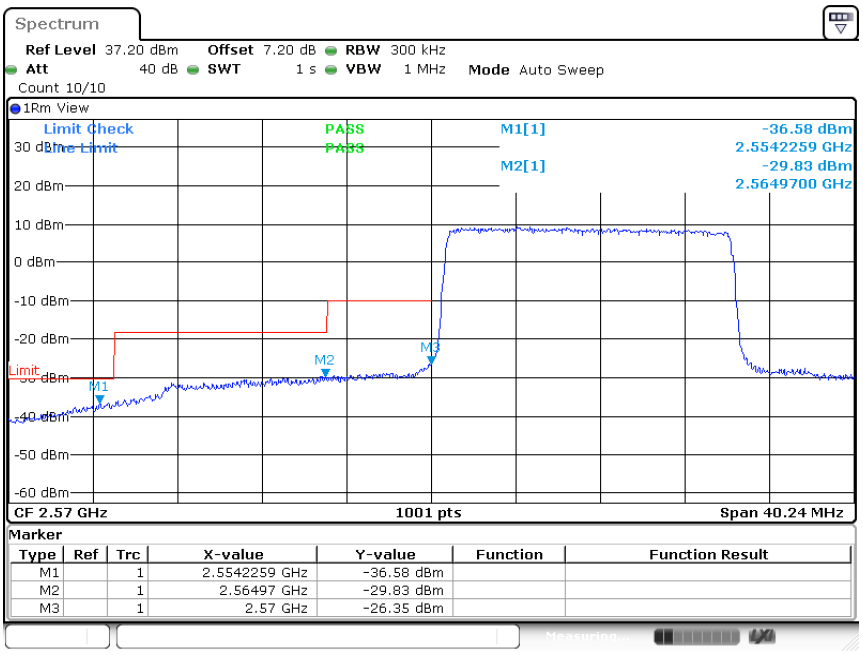
Band38-15MHz-16QAM-37825-75RB#0



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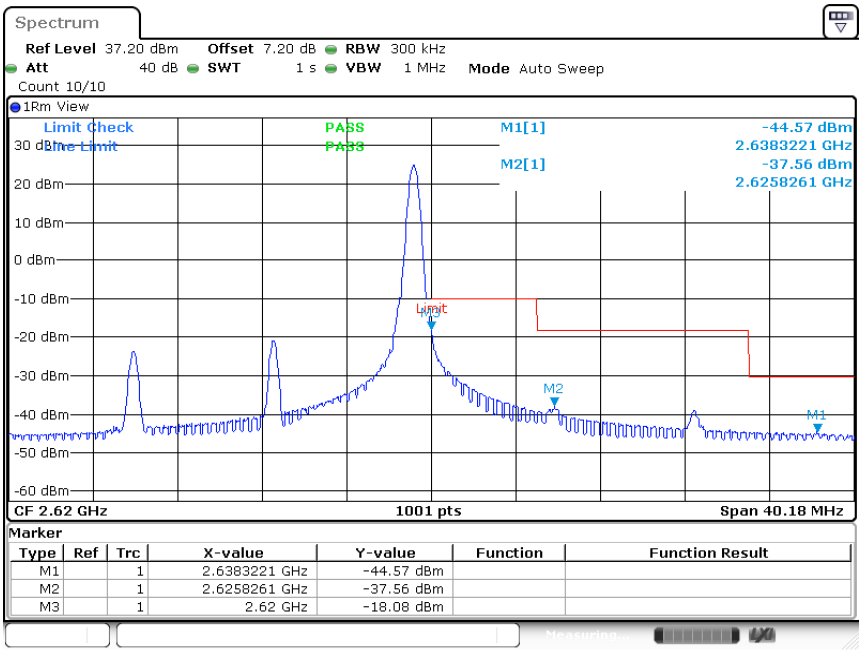
Band38-15MHz-16QAM-38175-1RB#74



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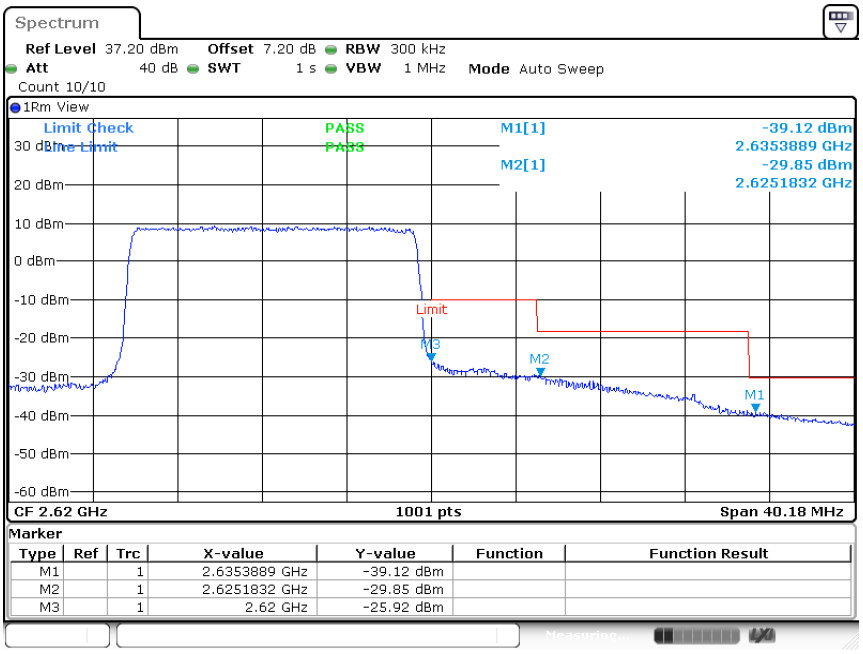
Band38-15MHz-16QAM-38175-75RB#0



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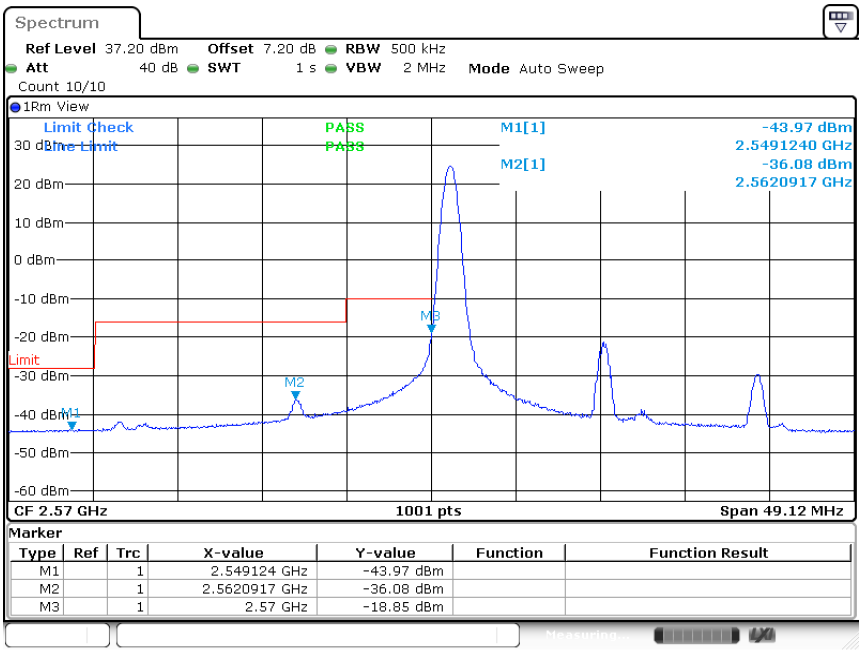
Band38-20MHz-QPSK-37850-1RB#0



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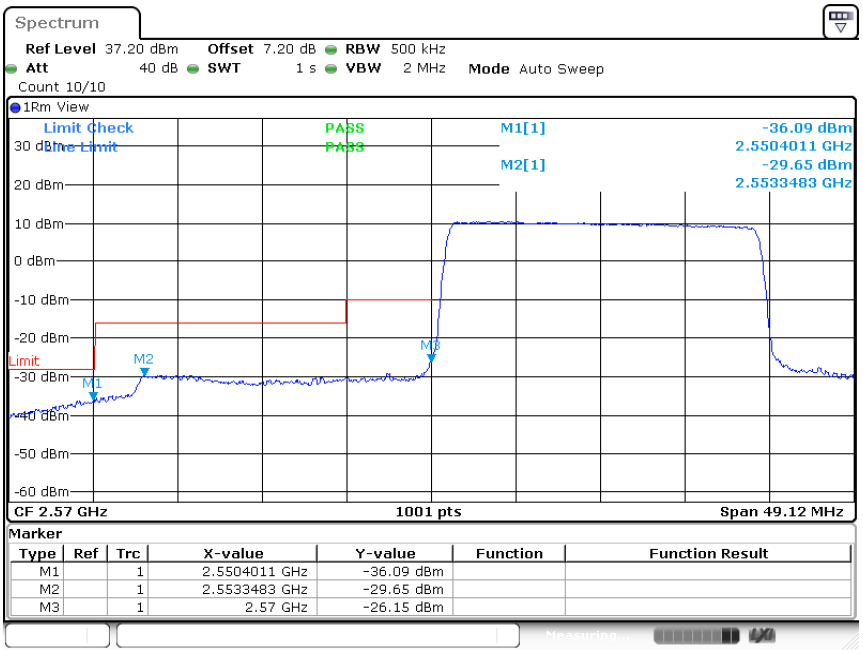
Band38-20MHz-QPSK-37850-100RB#0



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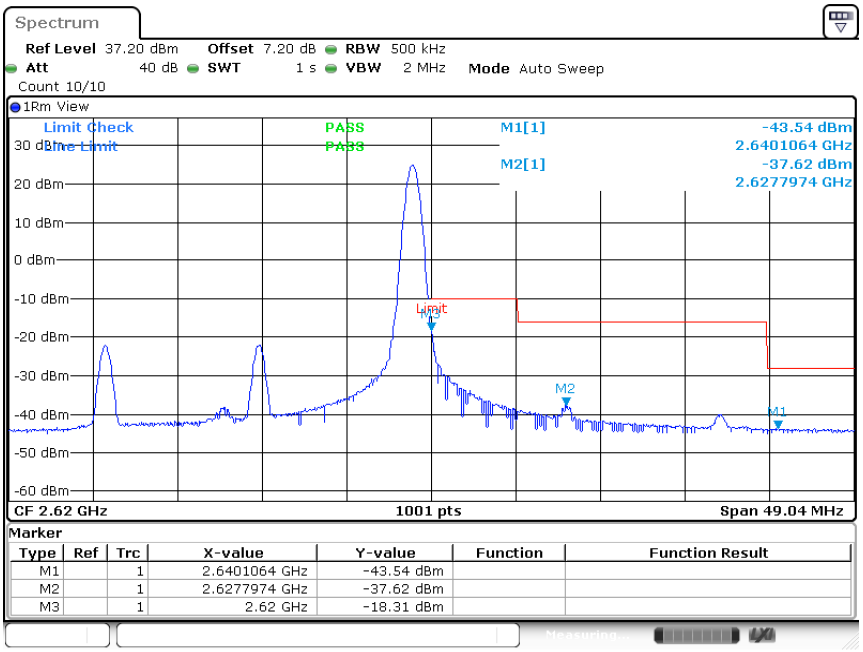
Band38-20MHz-QPSK-38150-1RB#99



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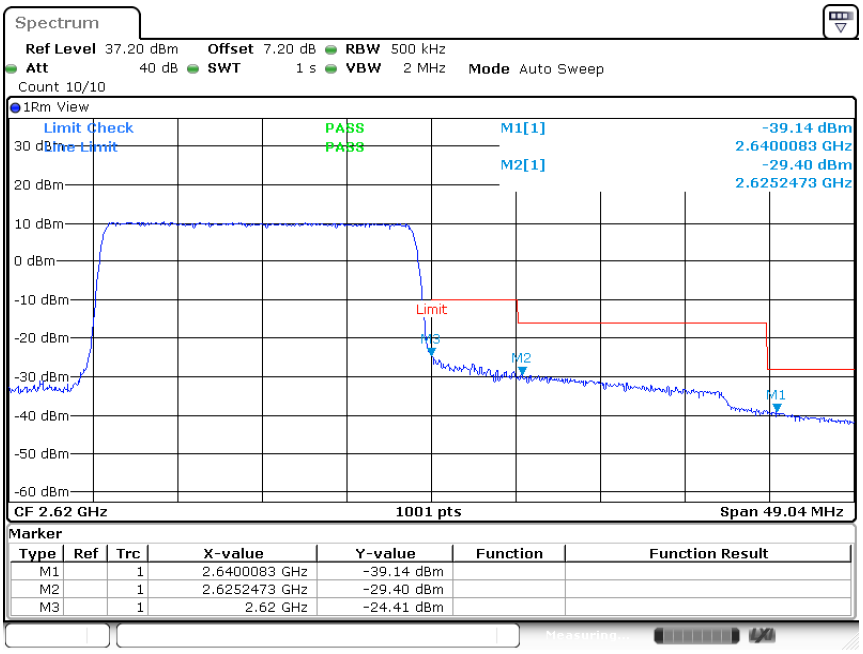
Band38-20MHz-QPSK-38150-100RB#0



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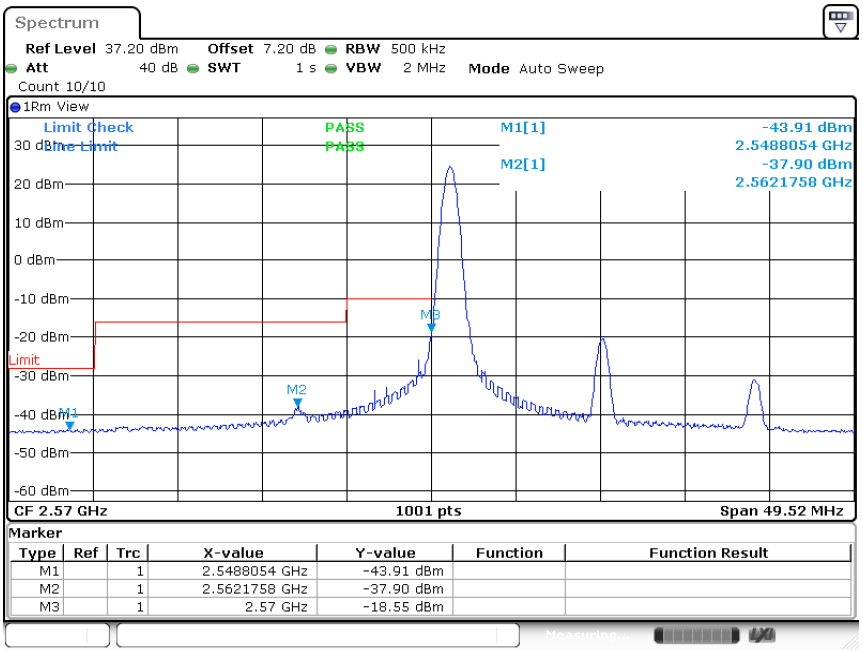
Band38-20MHz-64QAM-37850-1RB#0



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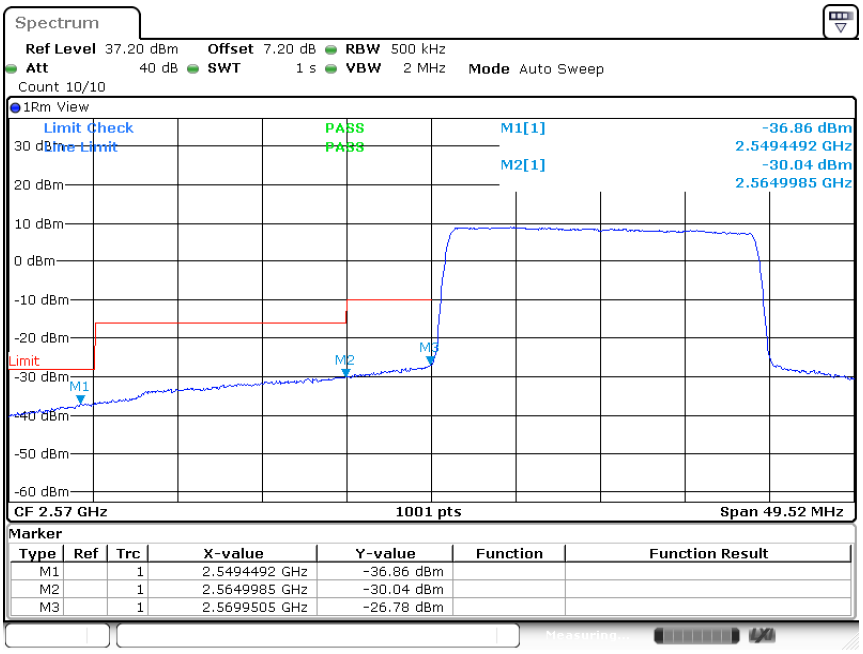

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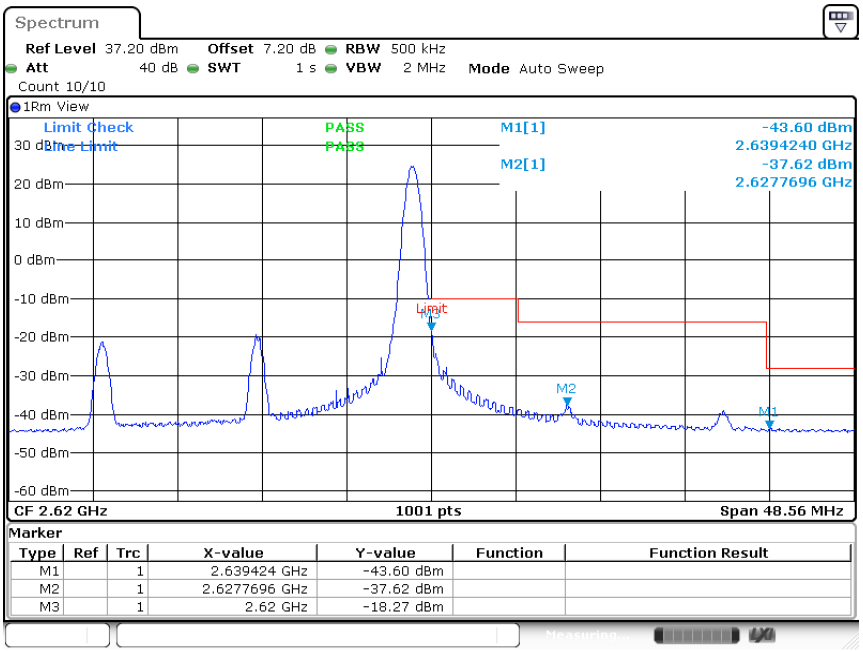

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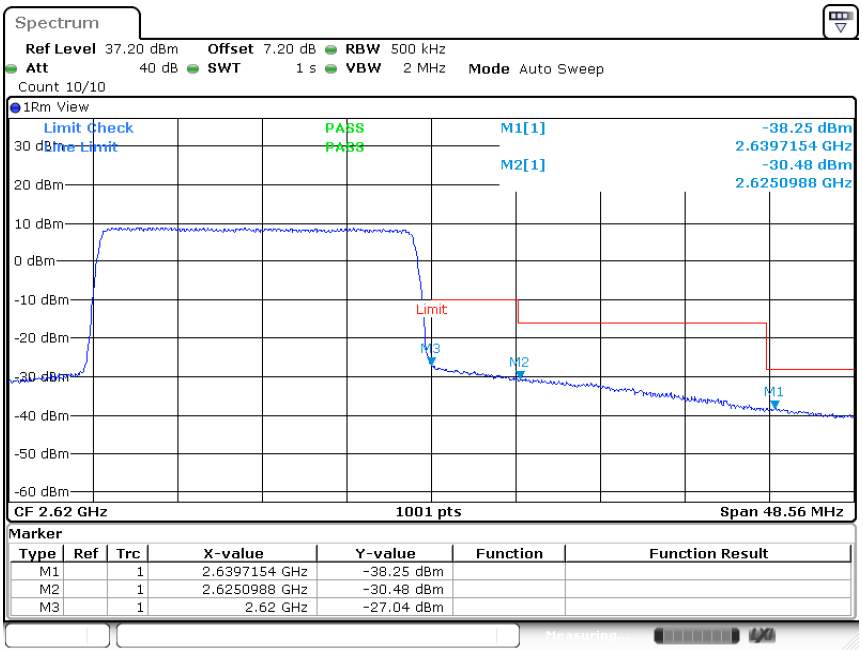

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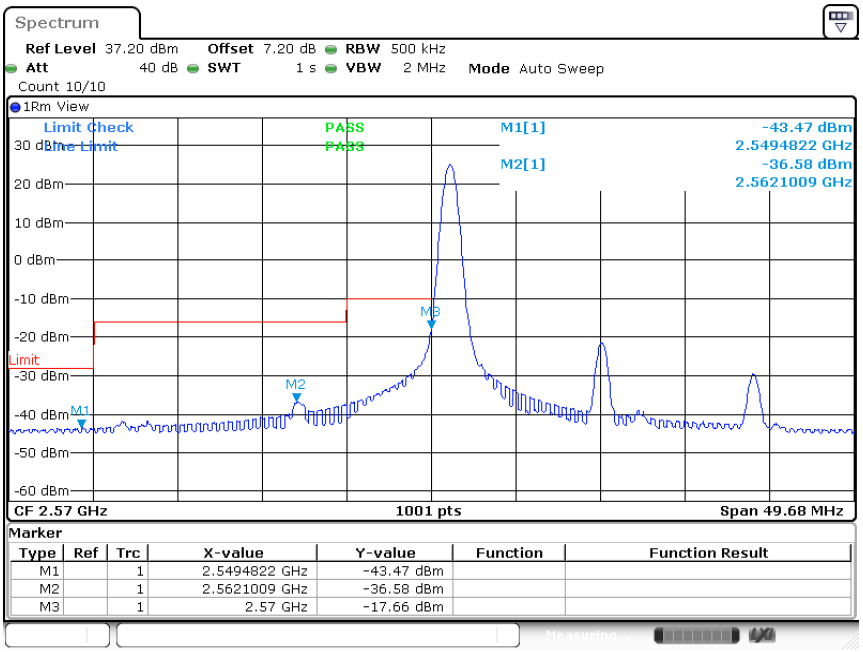
Band38-20MHz-16QAM-37850-1RB#0



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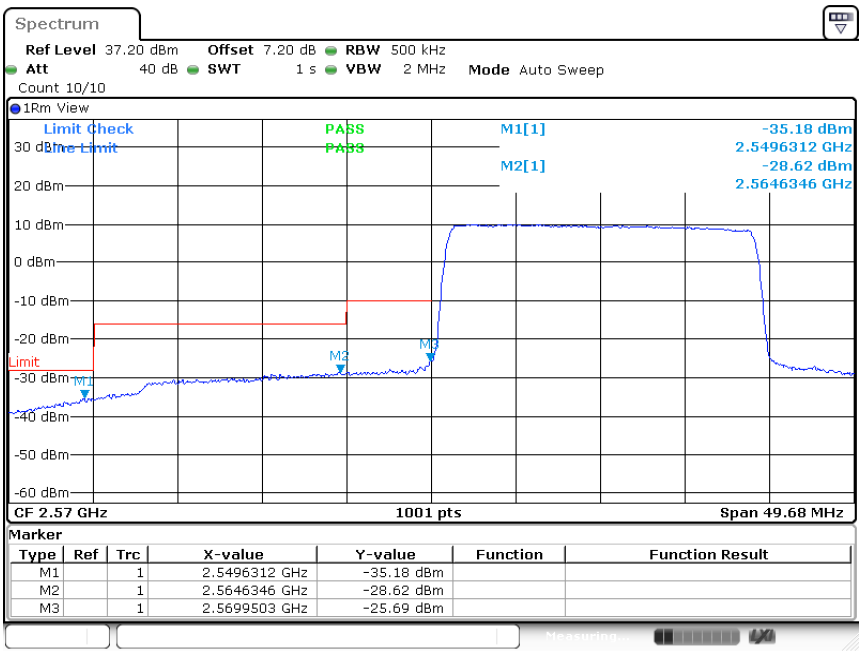
Band38-20MHz-16QAM-37850-100RB#0



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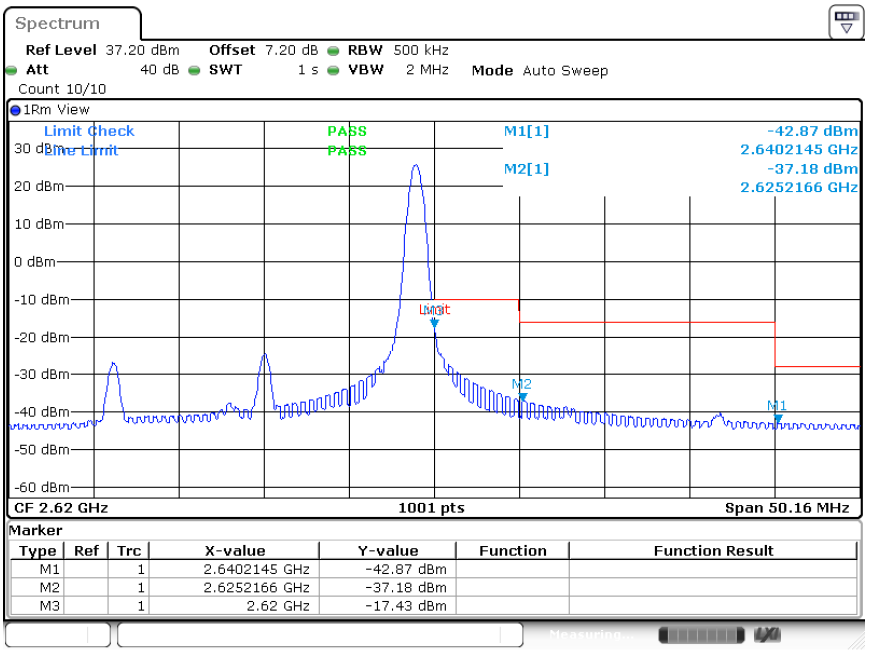
Band38-20MHz-16QAM-38150-1RB#99



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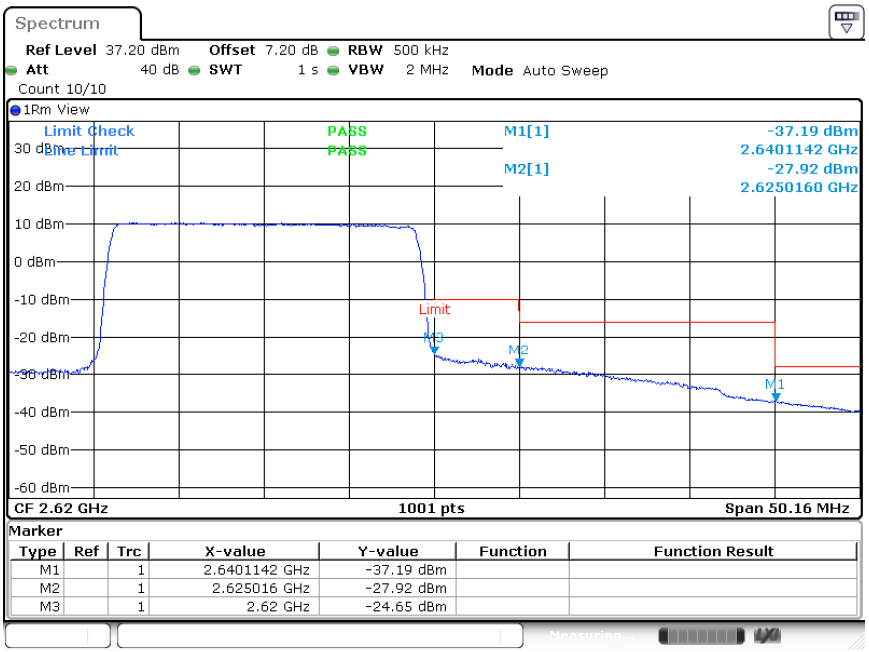

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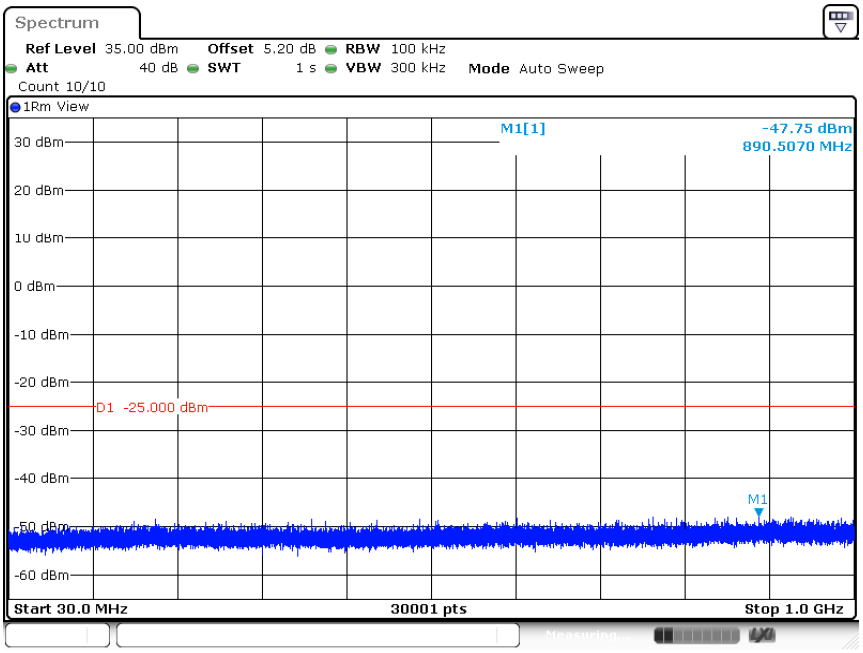
6. Spurious Emission at Antenna Terminal

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 * (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



Date: 23.DEC.2020 20:12:00

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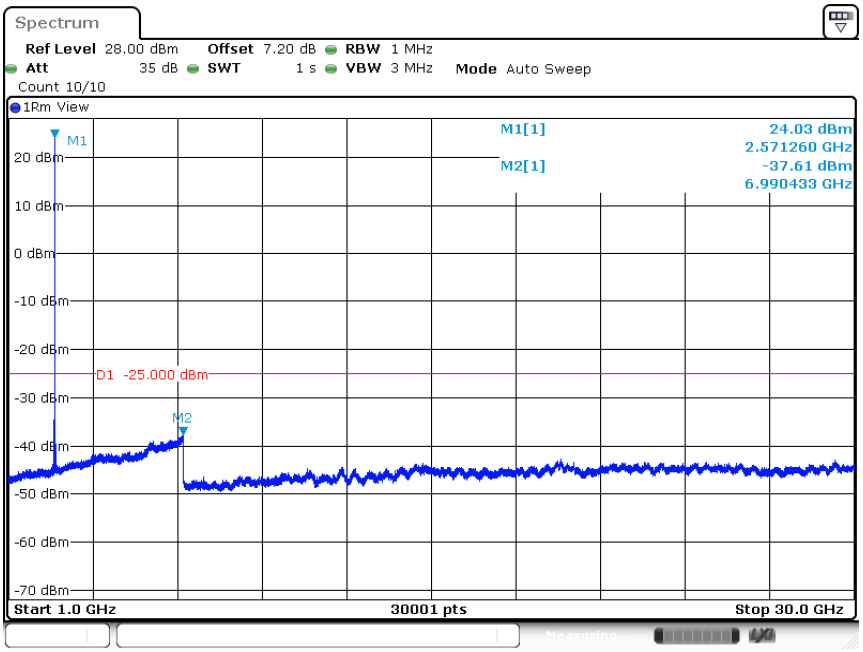
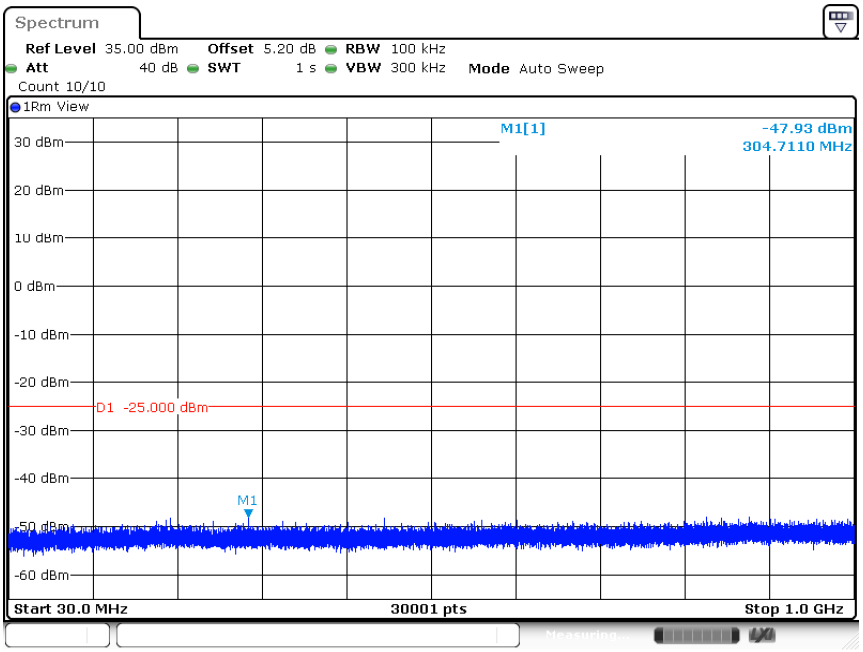
Band38-20MHz-QPSK-37850-1RB#0-Range2:1000~30000MHz



Date: 23.DEC.2020 20:12:17

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



Date: 23.DEC.2020 20:13:11

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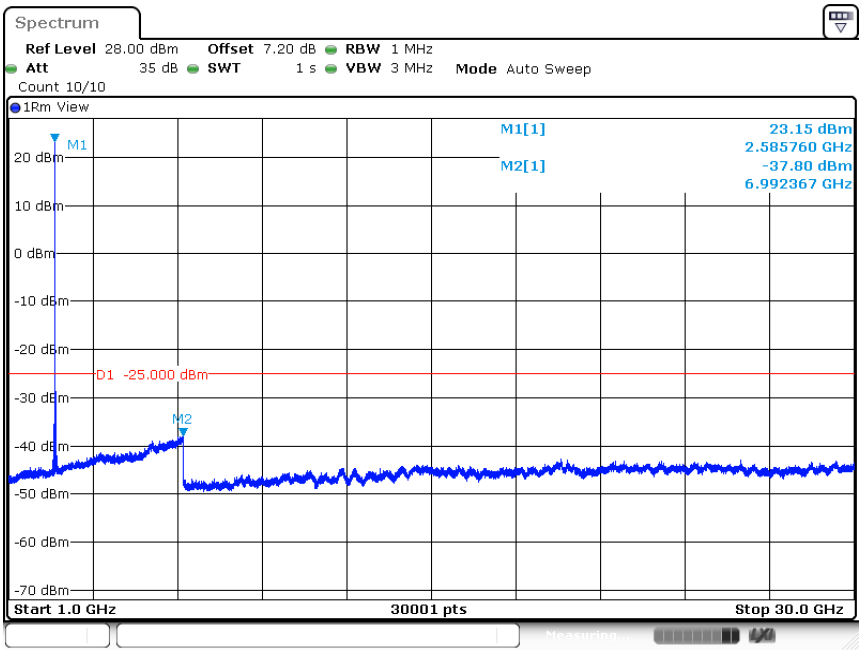
Band38-20MHz-QPSK-38000-1RB#0-Range2:1000~30000MHz



Date: 23.DEC.2020 20:13:28

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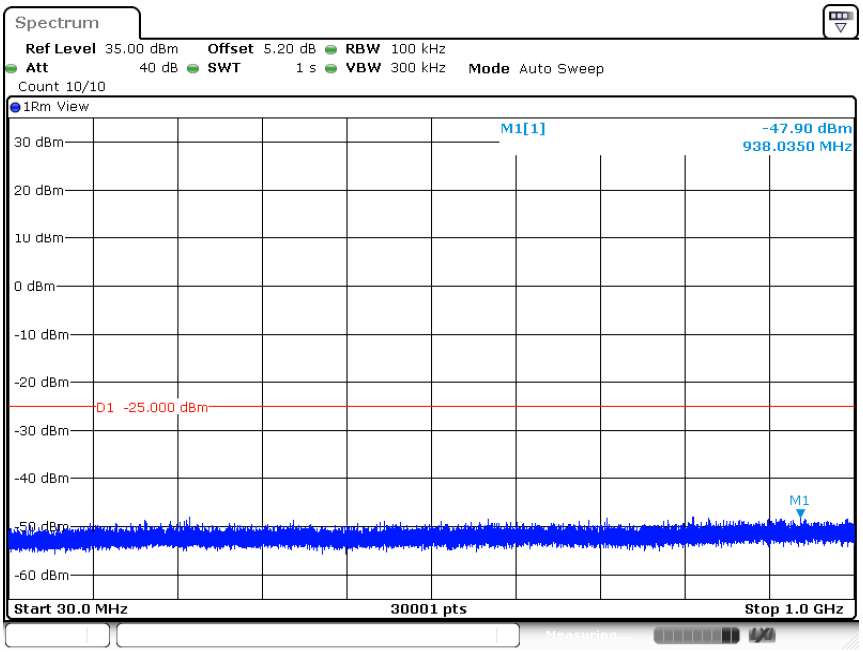

Date: 23.DEC.2020 20:14:22

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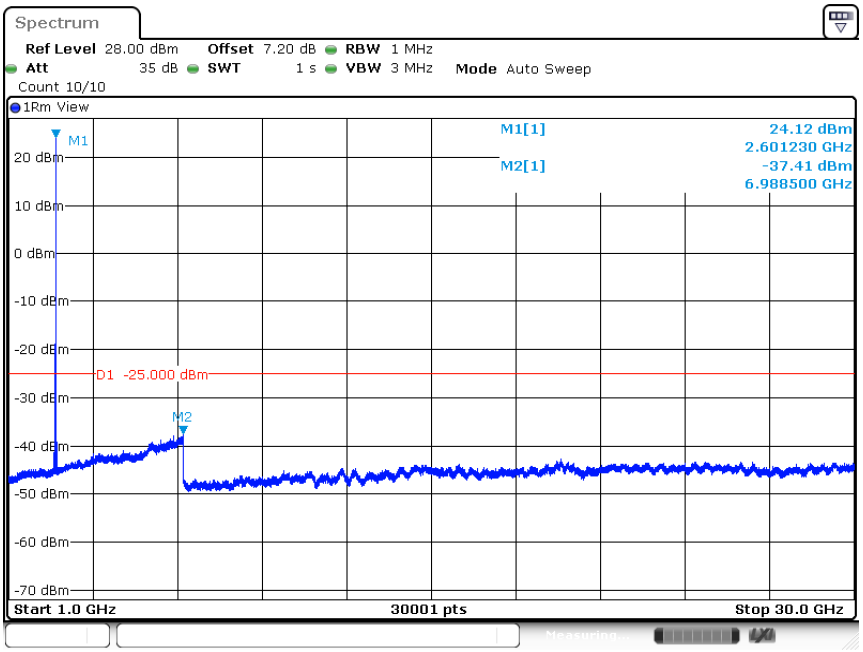
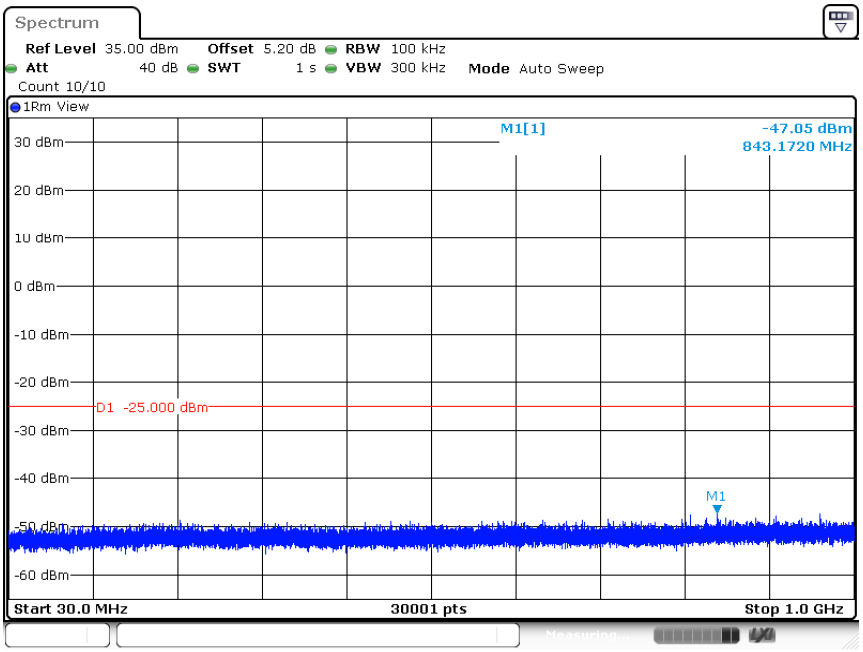
Band38-20MHz-QPSK-38150-1RB#0-Range2:1000~30000MHz



Date: 23.DEC.2020 20:14:38

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



Date: 23.DEC.2020 20:31:35

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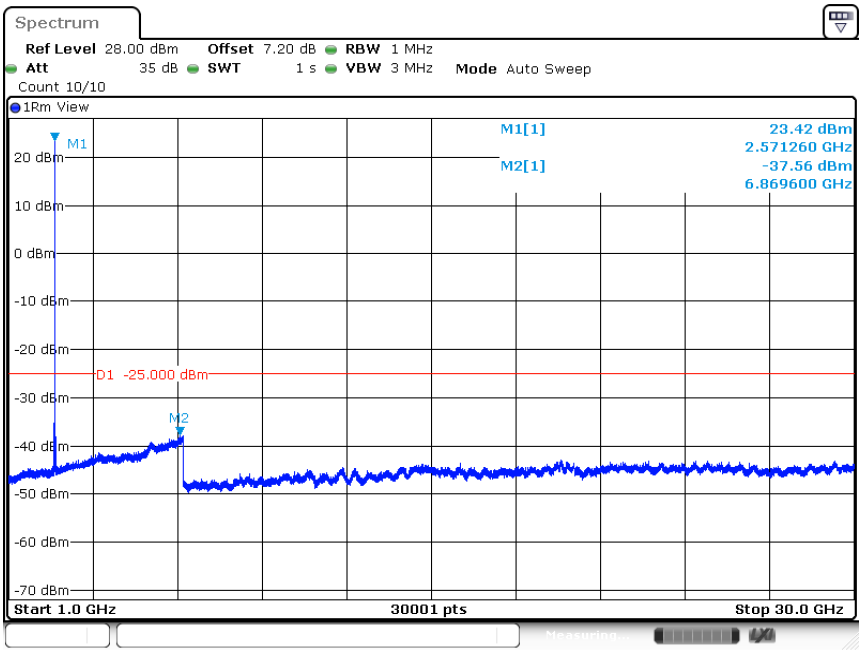
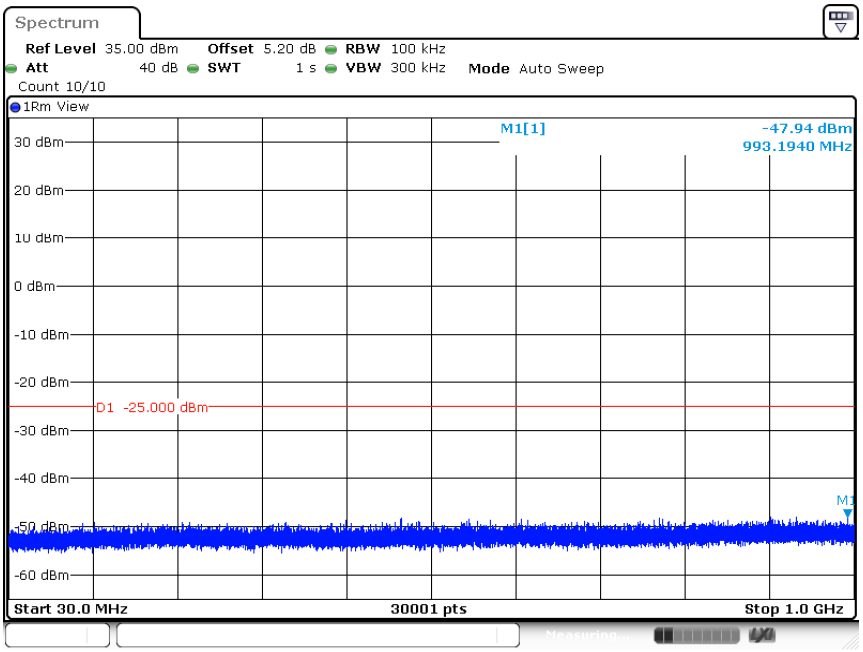


Date: 23.DEC.2020 20:31:51

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



Date: 23.DEC.2020 20:32:10

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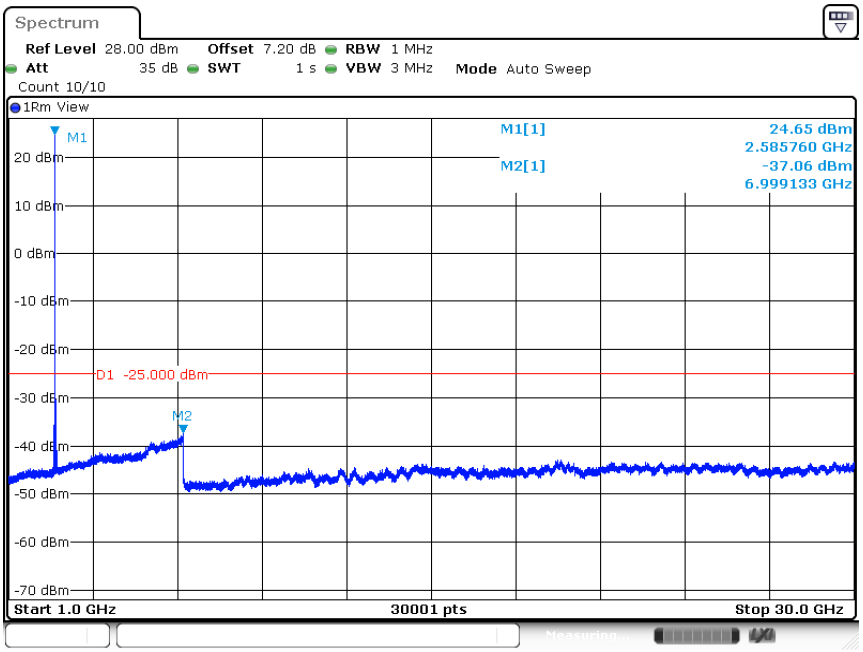

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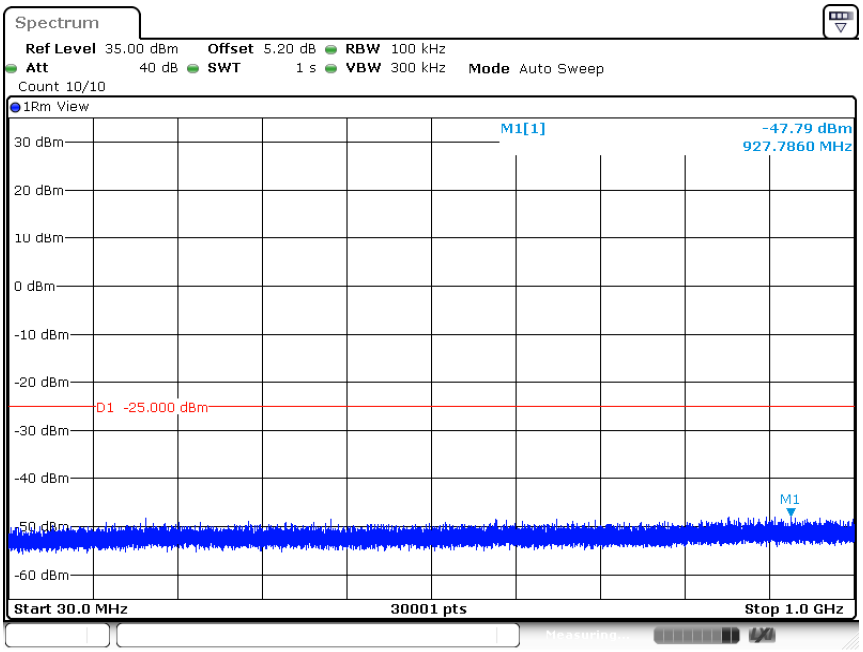

Date: 23.DEC.2020 20:32:45

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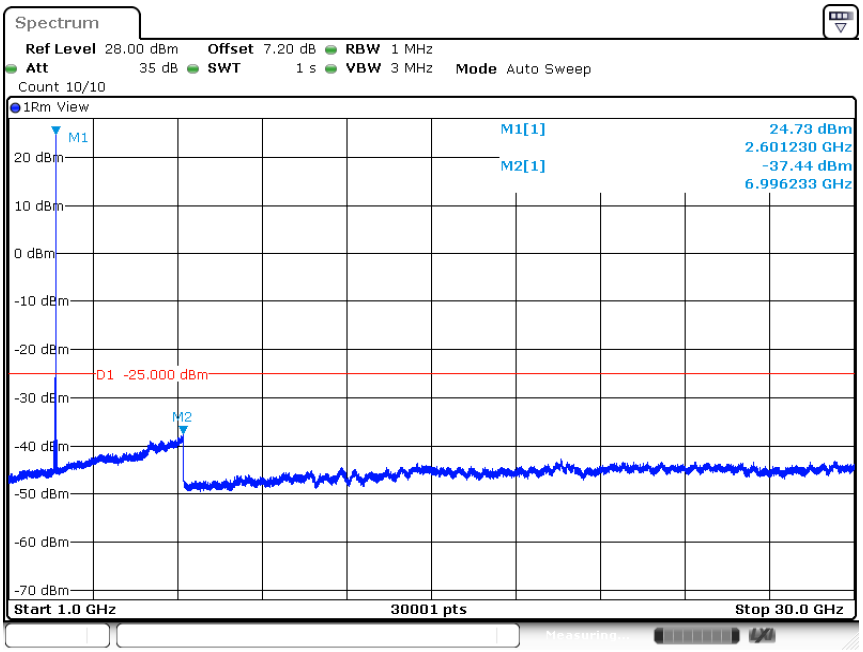
Band38-20MHz-64QAM-38150-1RB#0-Range2:1000~30000MHz



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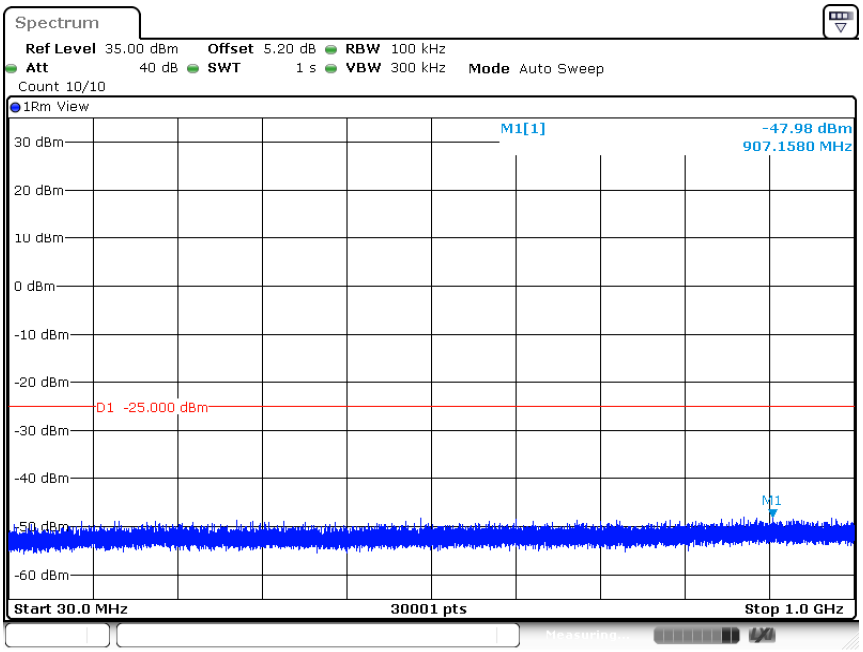
Band38-20MHz-16QAM-37850-1RB#0-Range1:30~1000MHz



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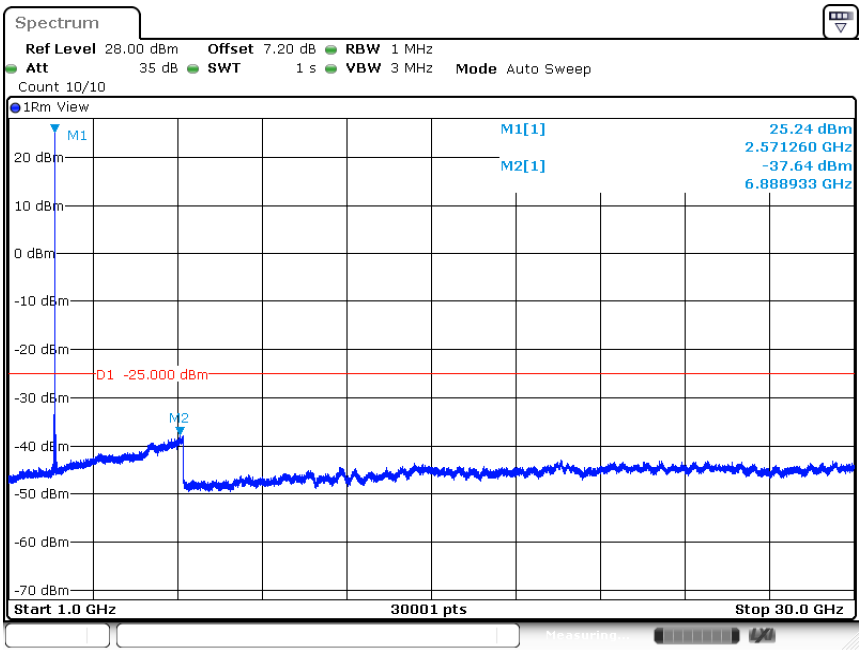

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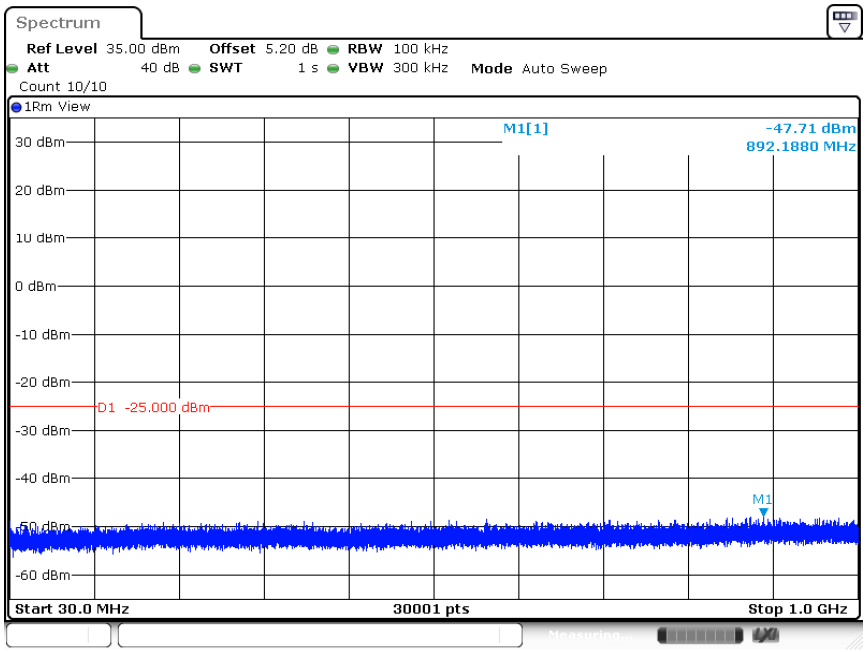

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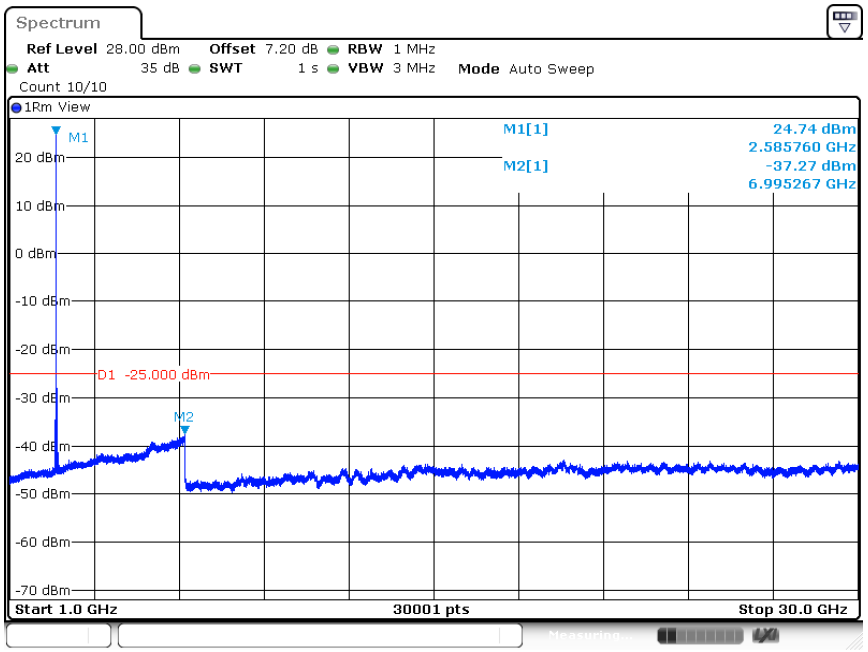
Band38-20MHz-16QAM-38000-1RB#0-Range2:1000~30000MHz



Date: 23.DEC.2020 20:14:03

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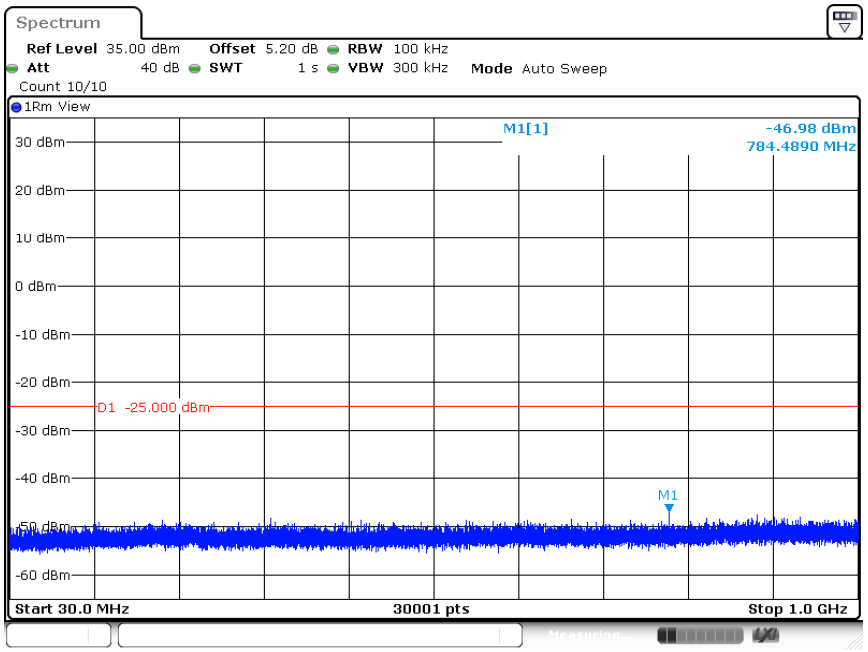

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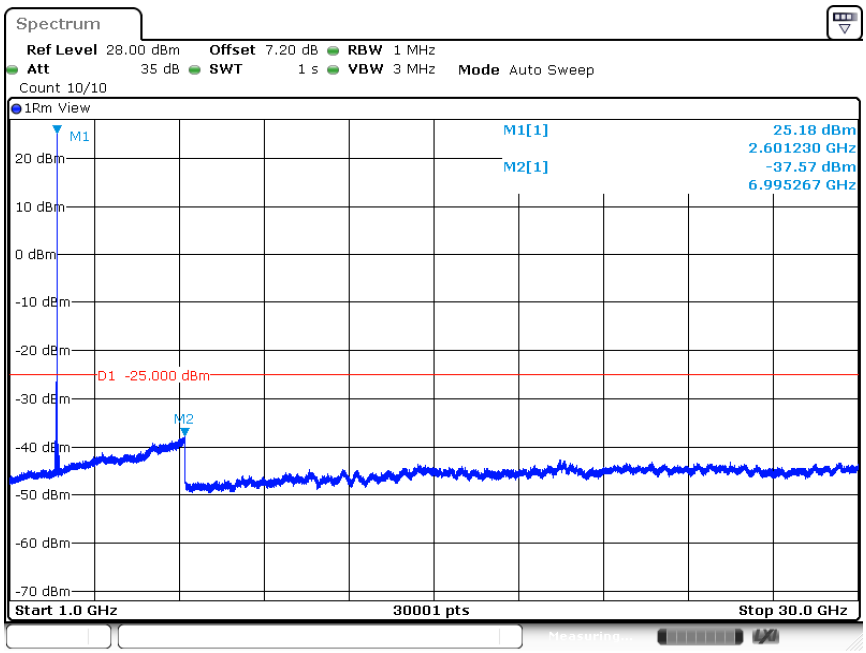

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7. Field Strength of Spurious Radiation

7.1. Test Band = LTE_38 _TM1 MAIN

7.1.1. Test Channel = Low Channel

Suspected Data List					
NO.	Freq. [MHz]	Level [dBm]	Limit [dBm]	Margin [dB]	Polarity
1	44.3082	-62.87	-25.00	37.87	Horizontal
2	95.5753	-74.55	-25.00	49.55	Horizontal
3	236.3778	-67.20	-25.00	42.20	Horizontal
4	3690.5230	-61.45	-25.00	36.45	Horizontal
5	11241.7747	-51.99	-25.00	26.99	Horizontal
6	16382.946	-45.03	-25.00	20.03	Horizontal

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7.2. Test Band = LTE_38 _TM1 MAIN

7.2.1. Test Channel = Low Channel

Suspected Data List					
NO.	Freq. [MHz]	Level [dBm]	Limit [dBm]	Margin [dB]	Polarity
1	30.8245	-73.93	-25.00	48.93	Vertical
2	112.6966	-64.67	-25.00	39.67	Vertical
3	747.7874	-61.63	-25.00	36.63	Vertical
4	3590.5197	-62.19	-25.00	37.19	Vertical
5	7457.1486	-56.84	-25.00	31.84	Vertical
6	17981.999	-41.57	-25.00	16.57	Vertical

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7.3. Test Band = LTE_38 _TM1 MAIN

7.3.1. Test Channel = Mid Channel

Suspected Data List					
NO.	Freq. [MHz]	Level [dBm]	Limit [dBm]	Margin [dB]	Polarity
1	44.8902	-62.80	-25.00	37.80	Horizontal
2	100.7165	-74.94	-25.00	49.94	Horizontal
3	231.5276	-67.82	-25.00	42.82	Horizontal
4	3596.0199	-60.80	-25.00	35.80	Horizontal
5	7758.1586	-51.17	-25.00	26.17	Horizontal
6	16375.945	-45.31	-25.00	20.31	Horizontal

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7.4. Test Band = LTE_38 _TM1 MAIN

7.4.1. Test Channel = Mid Channel

Suspected Data List					
NO.	Freq. [MHz]	Level [dBm]	Limit [dBm]	Margin [dB]	Polarity
1	30.7275	-74.66	-25.00	49.66	Vertical
2	109.9320	-63.95	-25.00	38.95	Vertical
3	610.3800	-62.81	-25.00	37.81	Vertical
4	3590.0197	-61.79	-25.00	36.79	Vertical
5	7993.6665	-56.06	-25.00	31.06	Vertical
6	17997.999	-41.65	-25.00	16.65	Vertical

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7.5. Test Band = LTE_38 _TM1 MAIN

7.5.1. Test Channel = High Channel

Suspected Data List					
NO.	Freq. [MHz]	Level [dBm]	Limit [dBm]	Margin [dB]	Polarity
1	41.9801	-63.40	-25.00	38.40	Horizontal
2	105.1303	-75.11	-25.00	50.11	Horizontal
3	239.0940	-67.41	-25.00	42.41	Horizontal
4	3598.5200	-60.87	-25.00	35.87	Horizontal
5	7353.6451	-57.34	-25.00	32.34	Horizontal
6	16395.946	-45.07	-25.00	20.07	Horizontal

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7.6. Test Band = LTE_38 _TM1 MAIN

7.6.1. Test Channel = High Channel

Suspected Data List					
NO.	Freq. [MHz]	Level [dBm]	Limit [dBm]	Margin [dB]	Polarity
1	30.9700	-74.88	-25.00	49.88	Vertical
2	112.3571	-64.54	-25.00	39.54	Vertical
3	442.3191	-65.66	-25.00	40.66	Vertical
4	3635.0212	-62.17	-25.00	37.17	Vertical
5	7803.1601	-51.36	-25.00	26.36	Vertical
6	17997.499	-41.48	-25.00	16.48	Vertical

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7.7. Test Band = LTE_38 _TM1 DIV

7.7.1. Test Channel = Low Channel

Suspected Data List					
NO.	Freq. [MHz]	Level [dBm]	Limit [dBm]	Margin [dB]	Polarity
1	37.6149	-63.92	-25.00	38.92	Horizontal
2	112.2116	-75.25	-25.00	50.25	Horizontal
3	245.4478	-67.56	-25.00	42.56	Horizontal
4	5117.0706	-61.09	-25.00	36.09	Horizontal
5	7449.6483	-55.55	-25.00	30.55	Horizontal
6	16382.446	-43.55	-25.00	18.55	Horizontal

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7.8. Test Band = LTE_38 _TM1 DIV

7.8.1. Test Channel = Low Channel

Suspected Data List					
NO.	Freq. [MHz]	Level [dBm]	Limit [dBm]	Margin [dB]	Polarity
1	31.3581	-74.35	-25.00	49.35	Vertical
2	109.7380	-64.55	-25.00	39.55	Vertical
3	439.0210	-66.55	-25.00	41.55	Vertical
4	3614.0205	-61.64	-25.00	36.64	Vertical
5	7408.6470	-55.01	-25.00	30.01	Vertical
6	17997.499	-39.07	-25.00	14.07	Vertical

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7.9. Test Band = LTE_38 _TM1 DIV

7.9.1. Test Channel = Mid Channel

Suspected Data List					
NO.	Freq. [MHz]	Level [dBm]	Limit [dBm]	Margin [dB]	Polarity
1	40.4765	-63.43	-25.00	38.43	Horizontal
2	102.5111	-75.13	-25.00	50.13	Horizontal
3	245.6418	-67.67	-25.00	42.67	Horizontal
4	3620.0207	-60.96	-25.00	35.96	Horizontal
5	7450.6484	-55.60	-25.00	30.60	Horizontal
6	16389.446	-43.34	-25.00	18.34	Horizontal

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7.10. Test Band = LTE_38 _TM1 DIV

7.10.1. Test Channel = Mid Channel

Suspected Data List					
NO.	Freq. [MHz]	Level [dBm]	Limit [dBm]	Margin [dB]	Polarity
1	30.0485	-75.07	-25.00	50.07	Vertical
2	110.6110	-64.20	-25.00	39.20	Vertical
3	399.8795	-67.18	-25.00	42.18	Vertical
4	3753.0251	-61.57	-25.00	36.57	Vertical
5	7346.6449	-55.48	-25.00	30.48	Vertical
6	17999.500	-38.75	-25.00	13.75	Vertical

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7.11. Test Band = LTE_38 _TM1 DIV

7.11.1. Test Channel = High Channel

Suspected Data List					
NO.	Freq. [MHz]	Level [dBm]	Limit [dBm]	Margin [dB]	Polarity
1	39.5065	-63.45	-25.00	38.45	Horizontal
2	97.3214	-73.97	-25.00	48.97	Horizontal
3	244.6717	-67.41	-25.00	42.41	Horizontal
4	3635.0212	-60.88	-25.00	35.88	Horizontal
5	7455.1485	-55.77	-25.00	30.77	Horizontal
6	16394.446	-43.26	-25.00	18.26	Horizontal

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7.12. Test Band = LTE_38 _TM1 DIV

7.12.1. Test Channel = High Channel

Suspected Data List					
NO.	Freq. [MHz]	Level [dBm]	Limit [dBm]	Margin [dB]	Polarity
1	30.2910	-74.06	-25.00	49.06	Vertical
2	118.2744	-64.18	-25.00	39.18	Vertical
3	508.0399	-65.61	-25.00	40.61	Vertical
4	3730.5244	-61.67	-25.00	36.67	Vertical
5	7359.6453	-55.34	-25.00	30.34	Vertical
6	17993.999	-38.86	-25.00	13.86	Vertical

Remark:

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

2 The disturbance below 30MHz was very low, and the above harmonics were the highest point could be found when testing, so only the worst case data displayed in this report.

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

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8. Frequency Stability

8.1. Frequency Vs Voltage

Voltage										
Band	Bandwidth	Modulation	Channel	RB Configure	Voltage [Vdc]	Temperature (℃)	Deviation (Hz)	Deviation (ppm)	Limit (ppm)	Verdict
Band38	20MHz	QPSK	37850	100RB#0	VL	NT	-14.90	-0.005775	±2.5	PASS
Band38	20MHz	QPSK	37850	100RB#0	VN	NT	-10.20	-0.003953	±2.5	PASS
Band38	20MHz	QPSK	37850	100RB#0	VH	NT	-17.10	-0.006628	±2.5	PASS
Band38	20MHz	QPSK	38000	100RB#0	VL	NT	-9.80	-0.003776	±2.5	PASS
Band38	20MHz	QPSK	38000	100RB#0	VN	NT	-16.70	-0.006435	±2.5	PASS
Band38	20MHz	QPSK	38000	100RB#0	VH	NT	-15.90	-0.006127	±2.5	PASS
Band38	20MHz	QPSK	38150	100RB#0	VL	NT	-15.70	-0.006015	±2.5	PASS
Band38	20MHz	QPSK	38150	100RB#0	VN	NT	-31.40	-0.012031	±2.5	PASS
Band38	20MHz	QPSK	38150	100RB#0	VH	NT	-9.20	-0.003525	±2.5	PASS
Band38	20MHz	16QAM	37850	100RB#0	VL	NT	-11.90	-0.004612	±2.5	PASS
Band38	20MHz	16QAM	37850	100RB#0	VN	NT	-14.40	-0.005581	±2.5	PASS
Band38	20MHz	16QAM	37850	100RB#0	VH	NT	-15.90	-0.006163	±2.5	PASS
Band38	20MHz	16QAM	38000	100RB#0	VL	NT	-16.60	-0.006397	±2.5	PASS
Band38	20MHz	16QAM	38000	100RB#0	VN	NT	-6.40	-0.002466	±2.5	PASS
Band38	20MHz	16QAM	38000	100RB#0	VH	NT	-11.10	-0.004277	±2.5	PASS
Band38	20MHz	16QAM	38150	100RB#0	VL	NT	-17.10	-0.006552	±2.5	PASS
Band38	20MHz	16QAM	38150	100RB#0	VN	NT	-13.80	-0.005287	±2.5	PASS
Band38	20MHz	16QAM	38150	100RB#0	VH	NT	-0.60	-0.000230	±2.5	PASS
Band38	20MHz	64QAM	37850	100RB#0	VL	NT	-14.60	-0.005659	±2.5	PASS
Band38	20MHz	64QAM	37850	100RB#0	VN	NT	-18.20	-0.007054	±2.5	PASS
Band38	20MHz	64QAM	37850	100RB#0	VH	NT	-15.80	-0.006124	±2.5	PASS
Band38	20MHz	64QAM	38000	100RB#0	VL	NT	-16.10	-0.006204	±2.5	PASS
Band38	20MHz	64QAM	38000	100RB#0	VN	NT	-13.70	-0.005279	±2.5	PASS
Band38	20MHz	64QAM	38000	100RB#0	VH	NT	-17.30	-0.006667	±2.5	PASS
Band38	20MHz	64QAM	38150	100RB#0	VL	NT	-15.80	-0.006054	±2.5	PASS
Band38	20MHz	64QAM	38150	100RB#0	VN	NT	-15.70	-0.006015	±2.5	PASS
Band38	20MHz	64QAM	38150	100RB#0	VH	NT	-21.70	-0.008314	±2.5	PASS

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8.2. Frequency Vs Temperature

Temperature										
Band	Bandwidth	Modulation	Channel	RB Configure	Voltage [Vdc]	Temperature (℃)	Deviation (Hz)	Deviation (ppm)	Limit (ppm)	Verdict
Band38	20MHz	QPSK	37850	100RB#0	NV	-30	-11.10	-0.004302	±2.5	PASS
Band38	20MHz	QPSK	37850	100RB#0	NV	-20	-17.70	-0.006860	±2.5	PASS
Band38	20MHz	QPSK	37850	100RB#0	NV	-10	-10.30	-0.003992	±2.5	PASS
Band38	20MHz	QPSK	37850	100RB#0	NV	0	-6.10	-0.002364	±2.5	PASS
Band38	20MHz	QPSK	37850	100RB#0	NV	10	-15.90	-0.006163	±2.5	PASS
Band38	20MHz	QPSK	37850	100RB#0	NV	20	-11.70	-0.004535	±2.5	PASS
Band38	20MHz	QPSK	37850	100RB#0	NV	30	-18.60	-0.007209	±2.5	PASS
Band38	20MHz	QPSK	37850	100RB#0	NV	40	-12.70	-0.004922	±2.5	PASS
Band38	20MHz	QPSK	37850	100RB#0	NV	50	-15.70	-0.006085	±2.5	PASS
Band38	20MHz	QPSK	38000	100RB#0	NV	-30	-19.90	-0.007669	±2.5	PASS
Band38	20MHz	QPSK	38000	100RB#0	NV	-20	-14.80	-0.005703	±2.5	PASS
Band38	20MHz	QPSK	38000	100RB#0	NV	-10	-18.60	-0.007168	±2.5	PASS
Band38	20MHz	QPSK	38000	100RB#0	NV	0	-18.00	-0.006936	±2.5	PASS
Band38	20MHz	QPSK	38000	100RB#0	NV	10	-6.00	-0.002312	±2.5	PASS
Band38	20MHz	QPSK	38000	100RB#0	NV	20	-12.20	-0.004701	±2.5	PASS
Band38	20MHz	QPSK	38000	100RB#0	NV	30	-15.50	-0.005973	±2.5	PASS
Band38	20MHz	QPSK	38000	100RB#0	NV	40	-15.40	-0.005934	±2.5	PASS
Band38	20MHz	QPSK	38000	100RB#0	NV	50	-18.50	-0.007129	±2.5	PASS
Band38	20MHz	QPSK	38150	100RB#0	NV	-30	-15.00	-0.005747	±2.5	PASS
Band38	20MHz	QPSK	38150	100RB#0	NV	-20	-43.30	-0.016590	±2.5	PASS
Band38	20MHz	QPSK	38150	100RB#0	NV	-10	-22.60	-0.008659	±2.5	PASS
Band38	20MHz	QPSK	38150	100RB#0	NV	0	-20.10	-0.007701	±2.5	PASS
Band38	20MHz	QPSK	38150	100RB#0	NV	10	-7.60	-0.002912	±2.5	PASS
Band38	20MHz	QPSK	38150	100RB#0	NV	20	40.80	0.015632	±2.5	PASS
Band38	20MHz	QPSK	38150	100RB#0	NV	30	-12.90	-0.004943	±2.5	PASS
Band38	20MHz	QPSK	38150	100RB#0	NV	40	-2.10	-0.000805	±2.5	PASS
Band38	20MHz	QPSK	38150	100RB#0	NV	50	-11.90	-0.004559	±2.5	PASS
Band38	20MHz	16QAM	37850	100RB#0	NV	-30	-14.90	-0.005775	±2.5	PASS
Band38	20MHz	16QAM	37850	100RB#0	NV	-20	-16.00	-0.006202	±2.5	PASS
Band38	20MHz	16QAM	37850	100RB#0	NV	-10	-15.40	-0.005969	±2.5	PASS
Band38	20MHz	16QAM	37850	100RB#0	NV	0	-15.40	-0.005969	±2.5	PASS
Band38	20MHz	16QAM	37850	100RB#0	NV	10	-12.70	-0.004922	±2.5	PASS
Band38	20MHz	16QAM	37850	100RB#0	NV	20	-11.10	-0.004302	±2.5	PASS

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Band38	20MHz	16QAM	37850	100RB#0	NV	30	-11.60	-0.004496	±2.5	PASS
Band38	20MHz	16QAM	37850	100RB#0	NV	40	-12.60	-0.004884	±2.5	PASS
Band38	20MHz	16QAM	37850	100RB#0	NV	50	-16.70	-0.006473	±2.5	PASS
Band38	20MHz	16QAM	38000	100RB#0	NV	-30	-14.90	-0.005742	±2.5	PASS
Band38	20MHz	16QAM	38000	100RB#0	NV	-20	-13.40	-0.005164	±2.5	PASS
Band38	20MHz	16QAM	38000	100RB#0	NV	-10	-14.80	-0.005703	±2.5	PASS
Band38	20MHz	16QAM	38000	100RB#0	NV	0	-14.60	-0.005626	±2.5	PASS
Band38	20MHz	16QAM	38000	100RB#0	NV	10	-15.10	-0.005819	±2.5	PASS
Band38	20MHz	16QAM	38000	100RB#0	NV	20	-20.00	-0.007707	±2.5	PASS
Band38	20MHz	16QAM	38000	100RB#0	NV	30	-16.20	-0.006243	±2.5	PASS
Band38	20MHz	16QAM	38000	100RB#0	NV	40	-11.00	-0.004239	±2.5	PASS
Band38	20MHz	16QAM	38000	100RB#0	NV	50	-15.30	-0.005896	±2.5	PASS
Band38	20MHz	16QAM	38150	100RB#0	NV	-30	13.80	0.005287	±2.5	PASS
Band38	20MHz	16QAM	38150	100RB#0	NV	-20	-17.10	-0.006552	±2.5	PASS
Band38	20MHz	16QAM	38150	100RB#0	NV	-10	-19.70	-0.007548	±2.5	PASS
Band38	20MHz	16QAM	38150	100RB#0	NV	0	-8.70	-0.003333	±2.5	PASS
Band38	20MHz	16QAM	38150	100RB#0	NV	10	-15.80	-0.006054	±2.5	PASS
Band38	20MHz	16QAM	38150	100RB#0	NV	20	-11.20	-0.004291	±2.5	PASS
Band38	20MHz	16QAM	38150	100RB#0	NV	30	-8.90	-0.003410	±2.5	PASS
Band38	20MHz	16QAM	38150	100RB#0	NV	40	-19.30	-0.007395	±2.5	PASS
Band38	20MHz	16QAM	38150	100RB#0	NV	50	-11.90	-0.004559	±2.5	PASS
Band38	20MHz	64QAM	37850	100RB#0	NV	-30	-19.40	-0.007519	±2.5	PASS
Band38	20MHz	64QAM	37850	100RB#0	NV	-20	-14.10	-0.005465	±2.5	PASS
Band38	20MHz	64QAM	37850	100RB#0	NV	-10	-15.80	-0.006124	±2.5	PASS
Band38	20MHz	64QAM	37850	100RB#0	NV	0	-10.80	-0.004186	±2.5	PASS
Band38	20MHz	64QAM	37850	100RB#0	NV	10	-17.40	-0.006744	±2.5	PASS
Band38	20MHz	64QAM	37850	100RB#0	NV	20	-20.60	-0.007984	±2.5	PASS
Band38	20MHz	64QAM	37850	100RB#0	NV	30	-18.00	-0.006977	±2.5	PASS
Band38	20MHz	64QAM	37850	100RB#0	NV	40	-19.30	-0.007481	±2.5	PASS
Band38	20MHz	64QAM	37850	100RB#0	NV	50	-13.60	-0.005271	±2.5	PASS
Band38	20MHz	64QAM	38000	100RB#0	NV	-30	-16.20	-0.006243	±2.5	PASS
Band38	20MHz	64QAM	38000	100RB#0	NV	-20	-18.30	-0.007052	±2.5	PASS
Band38	20MHz	64QAM	38000	100RB#0	NV	-10	-15.60	-0.006012	±2.5	PASS
Band38	20MHz	64QAM	38000	100RB#0	NV	0	-17.50	-0.006744	±2.5	PASS
Band38	20MHz	64QAM	38000	100RB#0	NV	10	-15.40	-0.005934	±2.5	PASS
Band38	20MHz	64QAM	38000	100RB#0	NV	20	-14.80	-0.005703	±2.5	PASS
Band38	20MHz	64QAM	38000	100RB#0	NV	30	-16.60	-0.006397	±2.5	PASS

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Band38	20MHz	64QAM	38000	100RB#0	NV	40	-15.40	-0.005934	±2.5	PASS
Band38	20MHz	64QAM	38000	100RB#0	NV	50	-17.70	-0.006821	±2.5	PASS
Band38	20MHz	64QAM	38150	100RB#0	NV	-30	-17.10	-0.006552	±2.5	PASS
Band38	20MHz	64QAM	38150	100RB#0	NV	-20	-17.30	-0.006628	±2.5	PASS
Band38	20MHz	64QAM	38150	100RB#0	NV	-10	-18.70	-0.007165	±2.5	PASS
Band38	20MHz	64QAM	38150	100RB#0	NV	0	-17.30	-0.006628	±2.5	PASS
Band38	20MHz	64QAM	38150	100RB#0	NV	10	-21.80	-0.008352	±2.5	PASS
Band38	20MHz	64QAM	38150	100RB#0	NV	20	-19.60	-0.007510	±2.5	PASS
Band38	20MHz	64QAM	38150	100RB#0	NV	30	-17.90	-0.006858	±2.5	PASS
Band38	20MHz	64QAM	38150	100RB#0	NV	40	-20.10	-0.007701	±2.5	PASS
Band38	20MHz	64QAM	38150	100RB#0	NV	50	-14.60	-0.005594	±2.5	PASS

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