



Appendix B

E-UTRA Band 38



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1 Effective (Isotropic) Radiated Power

1.1 Test Result

ANT1:

Band	Bandwidth	Modulation	Channel	RB Config.	Result (dBm)	EIRP (dBm)	Limit (dBm)	Verdict
Band38	5MHz	QPSK	37775	1RB#0	23.73	23.03	33.00	PASS
Band38	5MHz	QPSK	37775	1RB#12	23.64	22.94	33.00	PASS
Band38	5MHz	QPSK	37775	1RB#24	23.83	23.13	33.00	PASS
Band38	5MHz	QPSK	37775	12RB#0	22.89	22.19	33.00	PASS
Band38	5MHz	QPSK	37775	12RB#6	23.03	22.33	33.00	PASS
Band38	5MHz	QPSK	37775	12RB#13	23.15	22.45	33.00	PASS
Band38	5MHz	QPSK	37775	25RB#0	22.99	22.29	33.00	PASS
Band38	5MHz	QPSK	38000	1RB#0	23.89	23.19	33.00	PASS
Band38	5MHz	QPSK	38000	1RB#12	23.82	23.12	33.00	PASS
Band38	5MHz	QPSK	38000	1RB#24	23.87	23.17	33.00	PASS
Band38	5MHz	QPSK	38000	12RB#0	23.07	22.37	33.00	PASS
Band38	5MHz	QPSK	38000	12RB#6	22.93	22.23	33.00	PASS
Band38	5MHz	QPSK	38000	12RB#13	22.75	22.05	33.00	PASS
Band38	5MHz	QPSK	38000	25RB#0	22.90	22.2	33.00	PASS
Band38	5MHz	QPSK	38225	1RB#0	23.92	23.22	33.00	PASS
Band38	5MHz	QPSK	38225	1RB#12	23.81	23.11	33.00	PASS
Band38	5MHz	QPSK	38225	1RB#24	23.78	23.08	33.00	PASS
Band38	5MHz	QPSK	38225	12RB#0	22.73	22.03	33.00	PASS
Band38	5MHz	QPSK	38225	12RB#6	22.77	22.07	33.00	PASS
Band38	5MHz	QPSK	38225	12RB#13	22.69	21.99	33.00	PASS
Band38	5MHz	QPSK	38225	25RB#0	22.71	22.01	33.00	PASS
Band38	5MHz	16QAM	37775	1RB#0	22.91	22.21	33.00	PASS
Band38	5MHz	16QAM	37775	1RB#12	23.02	22.32	33.00	PASS
Band38	5MHz	16QAM	37775	1RB#24	22.93	22.23	33.00	PASS
Band38	5MHz	16QAM	37775	12RB#0	22.08	21.38	33.00	PASS
Band38	5MHz	16QAM	37775	12RB#6	22.08	21.38	33.00	PASS
Band38	5MHz	16QAM	37775	12RB#13	22.12	21.42	33.00	PASS
Band38	5MHz	16QAM	37775	25RB#0	22.01	21.31	33.00	PASS
Band38	5MHz	16QAM	38000	1RB#0	22.93	22.23	33.00	PASS
Band38	5MHz	16QAM	38000	1RB#12	22.94	22.24	33.00	PASS
Band38	5MHz	16QAM	38000	1RB#24	23.07	22.37	33.00	PASS



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Band38	5MHz	16QAM	38000	12RB#0	21.94	21.24	33.00	PASS
Band38	5MHz	16QAM	38000	12RB#6	21.88	21.18	33.00	PASS
Band38	5MHz	16QAM	38000	12RB#13	21.90	21.2	33.00	PASS
Band38	5MHz	16QAM	38000	25RB#0	21.83	21.13	33.00	PASS
Band38	5MHz	16QAM	38225	1RB#0	22.63	21.93	33.00	PASS
Band38	5MHz	16QAM	38225	1RB#12	22.94	22.24	33.00	PASS
Band38	5MHz	16QAM	38225	1RB#24	22.75	22.05	33.00	PASS
Band38	5MHz	16QAM	38225	12RB#0	21.70	21	33.00	PASS
Band38	5MHz	16QAM	38225	12RB#6	21.73	21.03	33.00	PASS
Band38	5MHz	16QAM	38225	12RB#13	21.74	21.04	33.00	PASS
Band38	5MHz	16QAM	38225	25RB#0	21.65	20.95	33.00	PASS
Band38	5MHz	64QAM	37775	1RB#0	21.87	21.17	33.00	PASS
Band38	5MHz	64QAM	37775	1RB#12	21.96	21.26	33.00	PASS
Band38	5MHz	64QAM	37775	1RB#24	22.00	21.3	33.00	PASS
Band38	5MHz	64QAM	37775	12RB#0	20.92	20.22	33.00	PASS
Band38	5MHz	64QAM	37775	12RB#6	21.47	20.77	33.00	PASS
Band38	5MHz	64QAM	37775	12RB#13	21.24	20.54	33.00	PASS
Band38	5MHz	64QAM	37775	25RB#0	21.30	20.6	33.00	PASS
Band38	5MHz	64QAM	38000	1RB#0	22.13	21.43	33.00	PASS
Band38	5MHz	64QAM	38000	1RB#12	22.61	21.91	33.00	PASS
Band38	5MHz	64QAM	38000	1RB#24	22.09	21.39	33.00	PASS
Band38	5MHz	64QAM	38000	12RB#0	20.99	20.29	33.00	PASS
Band38	5MHz	64QAM	38000	12RB#6	21.16	20.46	33.00	PASS
Band38	5MHz	64QAM	38000	12RB#13	20.92	20.22	33.00	PASS
Band38	5MHz	64QAM	38000	25RB#0	21.16	20.46	33.00	PASS
Band38	5MHz	64QAM	38225	1RB#0	22.64	21.94	33.00	PASS
Band38	5MHz	64QAM	38225	1RB#12	22.17	21.47	33.00	PASS
Band38	5MHz	64QAM	38225	1RB#24	22.44	21.74	33.00	PASS
Band38	5MHz	64QAM	38225	12RB#0	21.03	20.33	33.00	PASS
Band38	5MHz	64QAM	38225	12RB#6	21.06	20.36	33.00	PASS
Band38	5MHz	64QAM	38225	12RB#13	21.13	20.43	33.00	PASS
Band38	5MHz	64QAM	38225	25RB#0	21.09	20.39	33.00	PASS
Band38	10MHz	QPSK	37800	1RB#0	23.76	23.06	33.00	PASS
Band38	10MHz	QPSK	37800	1RB#24	23.65	22.95	33.00	PASS
Band38	10MHz	QPSK	37800	1RB#49	23.79	23.09	33.00	PASS
Band38	10MHz	QPSK	37800	25RB#0	22.93	22.23	33.00	PASS
Band38	10MHz	QPSK	37800	25RB#12	23.06	22.36	33.00	PASS
Band38	10MHz	QPSK	37800	25RB#25	23.11	22.41	33.00	PASS



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Band38	10MHz	QPSK	37800	50RB#0	23.03	22.33	33.00	PASS
Band38	10MHz	QPSK	38000	1RB#0	23.89	23.19	33.00	PASS
Band38	10MHz	QPSK	38000	1RB#24	23.82	23.12	33.00	PASS
Band38	10MHz	QPSK	38000	1RB#49	23.86	23.16	33.00	PASS
Band38	10MHz	QPSK	38000	25RB#0	23.11	22.41	33.00	PASS
Band38	10MHz	QPSK	38000	25RB#12	22.93	22.23	33.00	PASS
Band38	10MHz	QPSK	38000	25RB#25	22.77	22.07	33.00	PASS
Band38	10MHz	QPSK	38000	50RB#0	22.94	22.24	33.00	PASS
Band38	10MHz	QPSK	38200	1RB#0	23.90	23.2	33.00	PASS
Band38	10MHz	QPSK	38200	1RB#24	23.83	23.13	33.00	PASS
Band38	10MHz	QPSK	38200	1RB#49	23.78	23.08	33.00	PASS
Band38	10MHz	QPSK	38200	25RB#0	22.77	22.07	33.00	PASS
Band38	10MHz	QPSK	38200	25RB#12	22.76	22.06	33.00	PASS
Band38	10MHz	QPSK	38200	25RB#25	22.70	22	33.00	PASS
Band38	10MHz	QPSK	38200	50RB#0	22.69	21.99	33.00	PASS
Band38	10MHz	16QAM	37800	1RB#0	22.90	22.2	33.00	PASS
Band38	10MHz	16QAM	37800	1RB#24	23.03	22.33	33.00	PASS
Band38	10MHz	16QAM	37800	1RB#49	22.92	22.22	33.00	PASS
Band38	10MHz	16QAM	37800	25RB#0	22.12	21.42	33.00	PASS
Band38	10MHz	16QAM	37800	25RB#12	22.04	21.34	33.00	PASS
Band38	10MHz	16QAM	37800	25RB#25	22.12	21.42	33.00	PASS
Band38	10MHz	16QAM	37800	50RB#0	22.00	21.3	33.00	PASS
Band38	10MHz	16QAM	38000	1RB#0	22.95	22.25	33.00	PASS
Band38	10MHz	16QAM	38000	1RB#24	22.95	22.25	33.00	PASS
Band38	10MHz	16QAM	38000	1RB#49	23.06	22.36	33.00	PASS
Band38	10MHz	16QAM	38000	25RB#0	21.90	21.2	33.00	PASS
Band38	10MHz	16QAM	38000	25RB#12	21.89	21.19	33.00	PASS
Band38	10MHz	16QAM	38000	25RB#25	21.92	21.22	33.00	PASS
Band38	10MHz	16QAM	38000	50RB#0	21.83	21.13	33.00	PASS
Band38	10MHz	16QAM	38200	1RB#0	22.65	21.95	33.00	PASS
Band38	10MHz	16QAM	38200	1RB#24	22.92	22.22	33.00	PASS
Band38	10MHz	16QAM	38200	1RB#49	22.73	22.03	33.00	PASS
Band38	10MHz	16QAM	38200	25RB#0	21.70	21	33.00	PASS
Band38	10MHz	16QAM	38200	25RB#12	21.70	21	33.00	PASS
Band38	10MHz	16QAM	38200	25RB#25	21.76	21.06	33.00	PASS
Band38	10MHz	16QAM	38200	50RB#0	21.62	20.92	33.00	PASS
Band38	10MHz	64QAM	37800	1RB#0	21.88	21.18	33.00	PASS
Band38	10MHz	64QAM	37800	1RB#24	21.93	21.23	33.00	PASS



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Band38	10MHz	64QAM	37800	1RB#49	21.98	21.28	33.00	PASS
Band38	10MHz	64QAM	37800	25RB#0	20.89	20.19	33.00	PASS
Band38	10MHz	64QAM	37800	25RB#12	21.47	20.77	33.00	PASS
Band38	10MHz	64QAM	37800	25RB#25	21.23	20.53	33.00	PASS
Band38	10MHz	64QAM	37800	50RB#0	21.30	20.6	33.00	PASS
Band38	10MHz	64QAM	38000	1RB#0	22.10	21.4	33.00	PASS
Band38	10MHz	64QAM	38000	1RB#24	22.61	21.91	33.00	PASS
Band38	10MHz	64QAM	38000	1RB#49	22.13	21.43	33.00	PASS
Band38	10MHz	64QAM	38000	25RB#0	21.00	20.3	33.00	PASS
Band38	10MHz	64QAM	38000	25RB#12	21.16	20.46	33.00	PASS
Band38	10MHz	64QAM	38000	25RB#25	20.95	20.25	33.00	PASS
Band38	10MHz	64QAM	38000	50RB#0	21.15	20.45	33.00	PASS
Band38	10MHz	64QAM	38200	1RB#0	22.64	21.94	33.00	PASS
Band38	10MHz	64QAM	38200	1RB#24	22.15	21.45	33.00	PASS
Band38	10MHz	64QAM	38200	1RB#49	22.39	21.69	33.00	PASS
Band38	10MHz	64QAM	38200	25RB#0	21.03	20.33	33.00	PASS
Band38	10MHz	64QAM	38200	25RB#12	21.11	20.41	33.00	PASS
Band38	10MHz	64QAM	38200	25RB#25	21.16	20.46	33.00	PASS
Band38	10MHz	64QAM	38200	50RB#0	21.09	20.39	33.00	PASS
Band38	15MHz	QPSK	37825	1RB#0	23.76	23.06	33.00	PASS
Band38	15MHz	QPSK	37825	1RB#38	23.63	22.93	33.00	PASS
Band38	15MHz	QPSK	37825	1RB#74	23.84	23.14	33.00	PASS
Band38	15MHz	QPSK	37825	38RB#0	22.89	22.19	33.00	PASS
Band38	15MHz	QPSK	37825	38RB#18	23.02	22.32	33.00	PASS
Band38	15MHz	QPSK	37825	38RB#37	23.12	22.42	33.00	PASS
Band38	15MHz	QPSK	37825	75RB#0	23.00	22.3	33.00	PASS
Band38	15MHz	QPSK	38000	1RB#0	23.92	23.22	33.00	PASS
Band38	15MHz	QPSK	38000	1RB#38	23.84	23.14	33.00	PASS
Band38	15MHz	QPSK	38000	1RB#74	23.83	23.13	33.00	PASS
Band38	15MHz	QPSK	38000	38RB#0	23.09	22.39	33.00	PASS
Band38	15MHz	QPSK	38000	38RB#18	22.95	22.25	33.00	PASS
Band38	15MHz	QPSK	38000	38RB#37	22.74	22.04	33.00	PASS
Band38	15MHz	QPSK	38000	75RB#0	22.92	22.22	33.00	PASS
Band38	15MHz	QPSK	38175	1RB#0	23.92	23.22	33.00	PASS
Band38	15MHz	QPSK	38175	1RB#38	23.83	23.13	33.00	PASS
Band38	15MHz	QPSK	38175	1RB#74	23.77	23.07	33.00	PASS
Band38	15MHz	QPSK	38175	38RB#0	22.75	22.05	33.00	PASS
Band38	15MHz	QPSK	38175	38RB#18	22.80	22.1	33.00	PASS



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Band38	15MHz	QPSK	38175	38RB#37	22.68	21.98	33.00	PASS
Band38	15MHz	QPSK	38175	75RB#0	22.67	21.97	33.00	PASS
Band38	15MHz	16QAM	37825	1RB#0	22.91	22.21	33.00	PASS
Band38	15MHz	16QAM	37825	1RB#38	23.03	22.33	33.00	PASS
Band38	15MHz	16QAM	37825	1RB#74	22.91	22.21	33.00	PASS
Band38	15MHz	16QAM	37825	38RB#0	22.09	21.39	33.00	PASS
Band38	15MHz	16QAM	37825	38RB#18	22.08	21.38	33.00	PASS
Band38	15MHz	16QAM	37825	38RB#37	22.14	21.44	33.00	PASS
Band38	15MHz	16QAM	37825	75RB#0	22.04	21.34	33.00	PASS
Band38	15MHz	16QAM	38000	1RB#0	22.93	22.23	33.00	PASS
Band38	15MHz	16QAM	38000	1RB#38	22.96	22.26	33.00	PASS
Band38	15MHz	16QAM	38000	1RB#74	23.04	22.34	33.00	PASS
Band38	15MHz	16QAM	38000	38RB#0	21.94	21.24	33.00	PASS
Band38	15MHz	16QAM	38000	38RB#18	21.90	21.2	33.00	PASS
Band38	15MHz	16QAM	38000	38RB#37	21.90	21.2	33.00	PASS
Band38	15MHz	16QAM	38000	75RB#0	21.86	21.16	33.00	PASS
Band38	15MHz	16QAM	38175	1RB#0	22.66	21.96	33.00	PASS
Band38	15MHz	16QAM	38175	1RB#38	22.90	22.2	33.00	PASS
Band38	15MHz	16QAM	38175	1RB#74	22.72	22.02	33.00	PASS
Band38	15MHz	16QAM	38175	38RB#0	21.68	20.98	33.00	PASS
Band38	15MHz	16QAM	38175	38RB#18	21.71	21.01	33.00	PASS
Band38	15MHz	16QAM	38175	38RB#37	21.73	21.03	33.00	PASS
Band38	15MHz	16QAM	38175	75RB#0	21.61	20.91	33.00	PASS
Band38	15MHz	64QAM	37825	1RB#0	21.89	21.19	33.00	PASS
Band38	15MHz	64QAM	37825	1RB#38	21.96	21.26	33.00	PASS
Band38	15MHz	64QAM	37825	1RB#74	22.01	21.31	33.00	PASS
Band38	15MHz	64QAM	37825	38RB#0	20.88	20.18	33.00	PASS
Band38	15MHz	64QAM	37825	38RB#18	21.47	20.77	33.00	PASS
Band38	15MHz	64QAM	37825	38RB#37	21.23	20.53	33.00	PASS
Band38	15MHz	64QAM	37825	75RB#0	21.31	20.61	33.00	PASS
Band38	15MHz	64QAM	38000	1RB#0	22.15	21.45	33.00	PASS
Band38	15MHz	64QAM	38000	1RB#38	22.62	21.92	33.00	PASS
Band38	15MHz	64QAM	38000	1RB#74	22.10	21.4	33.00	PASS
Band38	15MHz	64QAM	38000	38RB#0	20.99	20.29	33.00	PASS
Band38	15MHz	64QAM	38000	38RB#18	21.15	20.45	33.00	PASS
Band38	15MHz	64QAM	38000	38RB#37	20.94	20.24	33.00	PASS
Band38	15MHz	64QAM	38000	75RB#0	21.17	20.47	33.00	PASS
Band38	15MHz	64QAM	38175	1RB#0	22.63	21.93	33.00	PASS



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Band38	15MHz	64QAM	38175	1RB#38	22.18	21.48	33.00	PASS
Band38	15MHz	64QAM	38175	1RB#74	22.41	21.71	33.00	PASS
Band38	15MHz	64QAM	38175	38RB#0	21.00	20.3	33.00	PASS
Band38	15MHz	64QAM	38175	38RB#18	21.08	20.38	33.00	PASS
Band38	15MHz	64QAM	38175	38RB#37	21.13	20.43	33.00	PASS
Band38	15MHz	64QAM	38175	75RB#0	21.11	20.41	33.00	PASS
Band38	20MHz	QPSK	37850	1RB#0	23.78	23.08	33.00	PASS
Band38	20MHz	QPSK	37850	1RB#49	23.84	23.14	33.00	PASS
Band38	20MHz	QPSK	37850	1RB#99	23.64	22.94	33.00	PASS
Band38	20MHz	QPSK	37850	50RB#0	23.10	22.4	33.00	PASS
Band38	20MHz	QPSK	37850	50RB#25	22.94	22.24	33.00	PASS
Band38	20MHz	QPSK	37850	50RB#50	23.05	22.35	33.00	PASS
Band38	20MHz	QPSK	37850	100RB#0	23.04	22.34	33.00	PASS
Band38	20MHz	QPSK	38000	1RB#0	23.85	23.15	33.00	PASS
Band38	20MHz	QPSK	38000	1RB#49	23.94	23.24	33.00	PASS
Band38	20MHz	QPSK	38000	1RB#99	23.87	23.17	33.00	PASS
Band38	20MHz	QPSK	38000	50RB#0	23.16	22.46	33.00	PASS
Band38	20MHz	QPSK	38000	50RB#25	22.98	22.28	33.00	PASS
Band38	20MHz	QPSK	38000	50RB#50	22.78	22.08	33.00	PASS
Band38	20MHz	QPSK	38000	100RB#0	22.95	22.25	33.00	PASS
Band38	20MHz	QPSK	38150	1RB#0	23.84	23.14	33.00	PASS
Band38	20MHz	QPSK	38150	1RB#49	23.92	23.22	33.00	PASS
Band38	20MHz	QPSK	38150	1RB#99	23.80	23.1	33.00	PASS
Band38	20MHz	QPSK	38150	50RB#0	22.82	22.12	33.00	PASS
Band38	20MHz	QPSK	38150	50RB#25	22.80	22.1	33.00	PASS
Band38	20MHz	QPSK	38150	50RB#50	22.72	22.02	33.00	PASS
Band38	20MHz	QPSK	38150	100RB#0	22.71	22.01	33.00	PASS
Band38	20MHz	16QAM	37850	1RB#0	22.95	22.25	33.00	PASS
Band38	20MHz	16QAM	37850	1RB#49	23.07	22.37	33.00	PASS
Band38	20MHz	16QAM	37850	1RB#99	22.95	22.25	33.00	PASS
Band38	20MHz	16QAM	37850	50RB#0	22.12	21.42	33.00	PASS
Band38	20MHz	16QAM	37850	50RB#25	22.08	21.38	33.00	PASS
Band38	20MHz	16QAM	37850	50RB#50	22.16	21.46	33.00	PASS
Band38	20MHz	16QAM	37850	100RB#0	22.05	21.35	33.00	PASS
Band38	20MHz	16QAM	38000	1RB#0	22.95	22.25	33.00	PASS
Band38	20MHz	16QAM	38000	1RB#49	22.99	22.29	33.00	PASS
Band38	20MHz	16QAM	38000	1RB#99	23.09	22.39	33.00	PASS
Band38	20MHz	16QAM	38000	50RB#0	21.95	21.25	33.00	PASS



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Band38	20MHz	16QAM	38000	50RB#25	21.90	21.2	33.00	PASS
Band38	20MHz	16QAM	38000	50RB#50	21.92	21.22	33.00	PASS
Band38	20MHz	16QAM	38000	100RB#0	21.88	21.18	33.00	PASS
Band38	20MHz	16QAM	38150	1RB#0	22.68	21.98	33.00	PASS
Band38	20MHz	16QAM	38150	1RB#49	22.94	22.24	33.00	PASS
Band38	20MHz	16QAM	38150	1RB#99	22.77	22.07	33.00	PASS
Band38	20MHz	16QAM	38150	50RB#0	21.71	21.01	33.00	PASS
Band38	20MHz	16QAM	38150	50RB#25	21.74	21.04	33.00	PASS
Band38	20MHz	16QAM	38150	50RB#50	21.78	21.08	33.00	PASS
Band38	20MHz	16QAM	38150	100RB#0	21.65	20.95	33.00	PASS
Band38	20MHz	64QAM	37850	1RB#0	21.86	21.16	33.00	PASS
Band38	20MHz	64QAM	37850	1RB#49	21.97	21.27	33.00	PASS
Band38	20MHz	64QAM	37850	1RB#99	22.00	21.3	33.00	PASS
Band38	20MHz	64QAM	37850	50RB#0	20.91	20.21	33.00	PASS
Band38	20MHz	64QAM	37850	50RB#25	21.48	20.78	33.00	PASS
Band38	20MHz	64QAM	37850	50RB#50	21.27	20.57	33.00	PASS
Band38	20MHz	64QAM	37850	100RB#0	21.29	20.59	33.00	PASS
Band38	20MHz	64QAM	38000	1RB#0	22.10	21.4	33.00	PASS
Band38	20MHz	64QAM	38000	1RB#49	22.59	21.89	33.00	PASS
Band38	20MHz	64QAM	38000	1RB#99	22.12	21.42	33.00	PASS
Band38	20MHz	64QAM	38000	50RB#0	20.98	20.28	33.00	PASS
Band38	20MHz	64QAM	38000	50RB#25	21.14	20.44	33.00	PASS
Band38	20MHz	64QAM	38000	50RB#50	20.90	20.2	33.00	PASS
Band38	20MHz	64QAM	38000	100RB#0	21.18	20.48	33.00	PASS
Band38	20MHz	64QAM	38150	1RB#0	22.63	21.93	33.00	PASS
Band38	20MHz	64QAM	38150	1RB#49	22.18	21.48	33.00	PASS
Band38	20MHz	64QAM	38150	1RB#99	22.42	21.72	33.00	PASS
Band38	20MHz	64QAM	38150	50RB#0	21.00	20.3	33.00	PASS
Band38	20MHz	64QAM	38150	50RB#25	21.06	20.36	33.00	PASS
Band38	20MHz	64QAM	38150	50RB#50	21.14	20.44	33.00	PASS
Band38	20MHz	64QAM	38150	100RB#0	21.09	20.39	33.00	PASS



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ANT2:

Band	Bandwidth	Modulation	Channel	RB Config.	Result (dBm)	EIRP (dBm)	Limit (dBm)	Verdict
Band38	5MHz	QPSK	37775	1RB#0	21.06	23.26	33.00	PASS
Band38	5MHz	QPSK	37775	1RB#12	20.96	23.16	33.00	PASS
Band38	5MHz	QPSK	37775	1RB#24	20.91	23.11	33.00	PASS
Band38	5MHz	QPSK	37775	12RB#0	21.08	23.28	33.00	PASS
Band38	5MHz	QPSK	37775	12RB#6	21.09	23.29	33.00	PASS
Band38	5MHz	QPSK	37775	12RB#13	21.07	23.27	33.00	PASS
Band38	5MHz	QPSK	37775	25RB#0	21.10	23.3	33.00	PASS
Band38	5MHz	QPSK	38000	1RB#0	20.88	23.08	33.00	PASS
Band38	5MHz	QPSK	38000	1RB#12	21.14	23.34	33.00	PASS
Band38	5MHz	QPSK	38000	1RB#24	20.67	22.87	33.00	PASS
Band38	5MHz	QPSK	38000	12RB#0	20.93	23.13	33.00	PASS
Band38	5MHz	QPSK	38000	12RB#6	20.82	23.02	33.00	PASS
Band38	5MHz	QPSK	38000	12RB#13	20.77	22.97	33.00	PASS
Band38	5MHz	QPSK	38000	25RB#0	20.89	23.09	33.00	PASS
Band38	5MHz	QPSK	38225	1RB#0	20.57	22.77	33.00	PASS
Band38	5MHz	QPSK	38225	1RB#12	20.63	22.83	33.00	PASS
Band38	5MHz	QPSK	38225	1RB#24	20.55	22.75	33.00	PASS
Band38	5MHz	QPSK	38225	12RB#0	20.65	22.85	33.00	PASS
Band38	5MHz	QPSK	38225	12RB#6	20.57	22.77	33.00	PASS
Band38	5MHz	QPSK	38225	12RB#13	20.56	22.76	33.00	PASS
Band38	5MHz	QPSK	38225	25RB#0	20.58	22.78	33.00	PASS
Band38	5MHz	16QAM	37775	1RB#0	21.39	23.59	33.00	PASS
Band38	5MHz	16QAM	37775	1RB#12	21.36	23.56	33.00	PASS
Band38	5MHz	16QAM	37775	1RB#24	21.23	23.43	33.00	PASS
Band38	5MHz	16QAM	37775	12RB#0	20.10	22.3	33.00	PASS
Band38	5MHz	16QAM	37775	12RB#6	20.11	22.31	33.00	PASS
Band38	5MHz	16QAM	37775	12RB#13	20.07	22.27	33.00	PASS
Band38	5MHz	16QAM	37775	25RB#0	20.08	22.28	33.00	PASS
Band38	5MHz	16QAM	38000	1RB#0	21.17	23.37	33.00	PASS
Band38	5MHz	16QAM	38000	1RB#12	21.14	23.34	33.00	PASS
Band38	5MHz	16QAM	38000	1RB#24	21.00	23.2	33.00	PASS
Band38	5MHz	16QAM	38000	12RB#0	19.98	22.18	33.00	PASS
Band38	5MHz	16QAM	38000	12RB#6	19.89	22.09	33.00	PASS
Band38	5MHz	16QAM	38000	12RB#13	19.85	22.05	33.00	PASS
Band38	5MHz	16QAM	38000	25RB#0	19.81	22.01	33.00	PASS



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Band38	5MHz	16QAM	38225	1RB#0	20.93	23.13	33.00	PASS
Band38	5MHz	16QAM	38225	1RB#12	20.92	23.12	33.00	PASS
Band38	5MHz	16QAM	38225	1RB#24	20.79	22.99	33.00	PASS
Band38	5MHz	16QAM	38225	12RB#0	19.72	21.92	33.00	PASS
Band38	5MHz	16QAM	38225	12RB#6	19.69	21.89	33.00	PASS
Band38	5MHz	16QAM	38225	12RB#13	19.65	21.85	33.00	PASS
Band38	5MHz	16QAM	38225	25RB#0	19.56	21.76	33.00	PASS
Band38	5MHz	64QAM	37775	1RB#0	21.28	23.48	33.00	PASS
Band38	5MHz	64QAM	37775	1RB#12	21.20	23.4	33.00	PASS
Band38	5MHz	64QAM	37775	1RB#24	21.23	23.43	33.00	PASS
Band38	5MHz	64QAM	37775	12RB#0	19.95	22.15	33.00	PASS
Band38	5MHz	64QAM	37775	12RB#6	20.10	22.3	33.00	PASS
Band38	5MHz	64QAM	37775	12RB#13	19.95	22.15	33.00	PASS
Band38	5MHz	64QAM	37775	25RB#0	20.05	22.25	33.00	PASS
Band38	5MHz	64QAM	38000	1RB#0	21.40	23.6	33.00	PASS
Band38	5MHz	64QAM	38000	1RB#12	21.19	23.39	33.00	PASS
Band38	5MHz	64QAM	38000	1RB#24	21.03	23.23	33.00	PASS
Band38	5MHz	64QAM	38000	12RB#0	20.18	22.38	33.00	PASS
Band38	5MHz	64QAM	38000	12RB#6	20.06	22.26	33.00	PASS
Band38	5MHz	64QAM	38000	12RB#13	20.12	22.32	33.00	PASS
Band38	5MHz	64QAM	38000	25RB#0	20.16	22.36	33.00	PASS
Band38	5MHz	64QAM	38225	1RB#0	21.33	23.53	33.00	PASS
Band38	5MHz	64QAM	38225	1RB#12	21.20	23.4	33.00	PASS
Band38	5MHz	64QAM	38225	1RB#24	20.92	23.12	33.00	PASS
Band38	5MHz	64QAM	38225	12RB#0	20.14	22.34	33.00	PASS
Band38	5MHz	64QAM	38225	12RB#6	20.17	22.37	33.00	PASS
Band38	5MHz	64QAM	38225	12RB#13	20.08	22.28	33.00	PASS
Band38	5MHz	64QAM	38225	25RB#0	20.14	22.34	33.00	PASS
Band38	10MHz	QPSK	37800	1RB#0	21.27	23.47	33.00	PASS
Band38	10MHz	QPSK	37800	1RB#24	21.11	23.31	33.00	PASS
Band38	10MHz	QPSK	37800	1RB#49	20.76	22.96	33.00	PASS
Band38	10MHz	QPSK	37800	25RB#0	21.26	23.46	33.00	PASS
Band38	10MHz	QPSK	37800	25RB#12	21.00	23.2	33.00	PASS
Band38	10MHz	QPSK	37800	25RB#25	21.04	23.24	33.00	PASS
Band38	10MHz	QPSK	37800	50RB#0	21.06	23.26	33.00	PASS
Band38	10MHz	QPSK	38000	1RB#0	20.98	23.18	33.00	PASS
Band38	10MHz	QPSK	38000	1RB#24	20.99	23.19	33.00	PASS
Band38	10MHz	QPSK	38000	1RB#49	20.64	22.84	33.00	PASS



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Band38	10MHz	QPSK	38000	25RB#0	20.85	23.05	33.00	PASS
Band38	10MHz	QPSK	38000	25RB#12	20.84	23.04	33.00	PASS
Band38	10MHz	QPSK	38000	25RB#25	20.76	22.96	33.00	PASS
Band38	10MHz	QPSK	38000	50RB#0	20.80	23	33.00	PASS
Band38	10MHz	QPSK	38200	1RB#0	20.74	22.94	33.00	PASS
Band38	10MHz	QPSK	38200	1RB#24	20.68	22.88	33.00	PASS
Band38	10MHz	QPSK	38200	1RB#49	20.16	22.36	33.00	PASS
Band38	10MHz	QPSK	38200	25RB#0	20.60	22.8	33.00	PASS
Band38	10MHz	QPSK	38200	25RB#12	20.51	22.71	33.00	PASS
Band38	10MHz	QPSK	38200	25RB#25	20.56	22.76	33.00	PASS
Band38	10MHz	QPSK	38200	50RB#0	20.53	22.73	33.00	PASS
Band38	10MHz	16QAM	37800	1RB#0	21.52	23.72	33.00	PASS
Band38	10MHz	16QAM	37800	1RB#24	21.33	23.53	33.00	PASS
Band38	10MHz	16QAM	37800	1RB#49	21.55	23.75	33.00	PASS
Band38	10MHz	16QAM	37800	25RB#0	20.00	22.2	33.00	PASS
Band38	10MHz	16QAM	37800	25RB#12	20.02	22.22	33.00	PASS
Band38	10MHz	16QAM	37800	25RB#25	20.02	22.22	33.00	PASS
Band38	10MHz	16QAM	37800	50RB#0	20.09	22.29	33.00	PASS
Band38	10MHz	16QAM	38000	1RB#0	21.24	23.44	33.00	PASS
Band38	10MHz	16QAM	38000	1RB#24	21.11	23.31	33.00	PASS
Band38	10MHz	16QAM	38000	1RB#49	21.34	23.54	33.00	PASS
Band38	10MHz	16QAM	38000	25RB#0	19.79	21.99	33.00	PASS
Band38	10MHz	16QAM	38000	25RB#12	19.80	22	33.00	PASS
Band38	10MHz	16QAM	38000	25RB#25	19.75	21.95	33.00	PASS
Band38	10MHz	16QAM	38000	50RB#0	19.85	22.05	33.00	PASS
Band38	10MHz	16QAM	38200	1RB#0	21.09	23.29	33.00	PASS
Band38	10MHz	16QAM	38200	1RB#24	20.78	22.98	33.00	PASS
Band38	10MHz	16QAM	38200	1RB#49	21.06	23.26	33.00	PASS
Band38	10MHz	16QAM	38200	25RB#0	19.58	21.78	33.00	PASS
Band38	10MHz	16QAM	38200	25RB#12	19.47	21.67	33.00	PASS
Band38	10MHz	16QAM	38200	25RB#25	19.62	21.82	33.00	PASS
Band38	10MHz	16QAM	38200	50RB#0	19.60	21.8	33.00	PASS
Band38	10MHz	64QAM	37800	1RB#0	21.50	23.7	33.00	PASS
Band38	10MHz	64QAM	37800	1RB#24	21.22	23.42	33.00	PASS
Band38	10MHz	64QAM	37800	1RB#49	21.30	23.5	33.00	PASS
Band38	10MHz	64QAM	37800	25RB#0	19.96	22.16	33.00	PASS
Band38	10MHz	64QAM	37800	25RB#12	19.98	22.18	33.00	PASS
Band38	10MHz	64QAM	37800	25RB#25	20.11	22.31	33.00	PASS



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Band38	10MHz	64QAM	37800	50RB#0	20.03	22.23	33.00	PASS
Band38	10MHz	64QAM	38000	1RB#0	21.31	23.51	33.00	PASS
Band38	10MHz	64QAM	38000	1RB#24	21.41	23.61	33.00	PASS
Band38	10MHz	64QAM	38000	1RB#49	21.18	23.38	33.00	PASS
Band38	10MHz	64QAM	38000	25RB#0	19.99	22.19	33.00	PASS
Band38	10MHz	64QAM	38000	25RB#12	20.12	22.32	33.00	PASS
Band38	10MHz	64QAM	38000	25RB#25	20.16	22.36	33.00	PASS
Band38	10MHz	64QAM	38000	50RB#0	20.11	22.31	33.00	PASS
Band38	10MHz	64QAM	38200	1RB#0	21.52	23.72	33.00	PASS
Band38	10MHz	64QAM	38200	1RB#24	21.28	23.48	33.00	PASS
Band38	10MHz	64QAM	38200	1RB#49	21.07	23.27	33.00	PASS
Band38	10MHz	64QAM	38200	25RB#0	20.16	22.36	33.00	PASS
Band38	10MHz	64QAM	38200	25RB#12	20.06	22.26	33.00	PASS
Band38	10MHz	64QAM	38200	25RB#25	20.18	22.38	33.00	PASS
Band38	10MHz	64QAM	38200	50RB#0	20.07	22.27	33.00	PASS
Band38	15MHz	QPSK	37825	1RB#0	21.20	23.4	33.00	PASS
Band38	15MHz	QPSK	37825	1RB#38	21.21	23.41	33.00	PASS
Band38	15MHz	QPSK	37825	1RB#74	21.03	23.23	33.00	PASS
Band38	15MHz	QPSK	37825	38RB#0	21.56	23.76	33.00	PASS
Band38	15MHz	QPSK	37825	38RB#18	21.20	23.4	33.00	PASS
Band38	15MHz	QPSK	37825	38RB#37	21.00	23.2	33.00	PASS
Band38	15MHz	QPSK	37825	75RB#0	21.29	23.49	33.00	PASS
Band38	15MHz	QPSK	38000	1RB#0	21.06	23.26	33.00	PASS
Band38	15MHz	QPSK	38000	1RB#38	20.98	23.18	33.00	PASS
Band38	15MHz	QPSK	38000	1RB#74	20.98	23.18	33.00	PASS
Band38	15MHz	QPSK	38000	38RB#0	21.06	23.26	33.00	PASS
Band38	15MHz	QPSK	38000	38RB#18	21.08	23.28	33.00	PASS
Band38	15MHz	QPSK	38000	38RB#37	21.04	23.24	33.00	PASS
Band38	15MHz	QPSK	38000	75RB#0	20.99	23.19	33.00	PASS
Band38	15MHz	QPSK	38175	1RB#0	20.78	22.98	33.00	PASS
Band38	15MHz	QPSK	38175	1RB#38	20.76	22.96	33.00	PASS
Band38	15MHz	QPSK	38175	1RB#74	20.74	22.94	33.00	PASS
Band38	15MHz	QPSK	38175	38RB#0	20.92	23.12	33.00	PASS
Band38	15MHz	QPSK	38175	38RB#18	20.92	23.12	33.00	PASS
Band38	15MHz	QPSK	38175	38RB#37	20.84	23.04	33.00	PASS
Band38	15MHz	QPSK	38175	75RB#0	20.84	23.04	33.00	PASS
Band38	15MHz	16QAM	37825	1RB#0	21.39	23.59	33.00	PASS
Band38	15MHz	16QAM	37825	1RB#38	21.53	23.73	33.00	PASS



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Band38	15MHz	16QAM	37825	1RB#74	21.35	23.55	33.00	PASS
Band38	15MHz	16QAM	37825	38RB#0	21.38	23.58	33.00	PASS
Band38	15MHz	16QAM	37825	38RB#18	21.46	23.66	33.00	PASS
Band38	15MHz	16QAM	37825	38RB#37	21.50	23.7	33.00	PASS
Band38	15MHz	16QAM	37825	75RB#0	20.26	22.46	33.00	PASS
Band38	15MHz	16QAM	38000	1RB#0	21.27	23.47	33.00	PASS
Band38	15MHz	16QAM	38000	1RB#38	21.26	23.46	33.00	PASS
Band38	15MHz	16QAM	38000	1RB#74	21.12	23.32	33.00	PASS
Band38	15MHz	16QAM	38000	38RB#0	21.29	23.49	33.00	PASS
Band38	15MHz	16QAM	38000	38RB#18	21.27	23.47	33.00	PASS
Band38	15MHz	16QAM	38000	38RB#37	21.21	23.41	33.00	PASS
Band38	15MHz	16QAM	38000	75RB#0	20.02	22.22	33.00	PASS
Band38	15MHz	16QAM	38175	1RB#0	21.11	23.31	33.00	PASS
Band38	15MHz	16QAM	38175	1RB#38	21.04	23.24	33.00	PASS
Band38	15MHz	16QAM	38175	1RB#74	21.06	23.26	33.00	PASS
Band38	15MHz	16QAM	38175	38RB#0	20.85	23.05	33.00	PASS
Band38	15MHz	16QAM	38175	38RB#18	21.15	23.35	33.00	PASS
Band38	15MHz	16QAM	38175	38RB#37	21.04	23.24	33.00	PASS
Band38	15MHz	16QAM	38175	75RB#0	19.87	22.07	33.00	PASS
Band38	15MHz	64QAM	37825	1RB#0	21.38	23.58	33.00	PASS
Band38	15MHz	64QAM	37825	1RB#38	21.37	23.57	33.00	PASS
Band38	15MHz	64QAM	37825	1RB#74	21.40	23.6	33.00	PASS
Band38	15MHz	64QAM	37825	38RB#0	21.72	23.92	33.00	PASS
Band38	15MHz	64QAM	37825	38RB#18	21.43	23.63	33.00	PASS
Band38	15MHz	64QAM	37825	38RB#37	21.42	23.62	33.00	PASS
Band38	15MHz	64QAM	37825	75RB#0	20.20	22.4	33.00	PASS
Band38	15MHz	64QAM	38000	1RB#0	21.30	23.5	33.00	PASS
Band38	15MHz	64QAM	38000	1RB#38	21.18	23.38	33.00	PASS
Band38	15MHz	64QAM	38000	1RB#74	21.42	23.62	33.00	PASS
Band38	15MHz	64QAM	38000	38RB#0	21.56	23.76	33.00	PASS
Band38	15MHz	64QAM	38000	38RB#18	21.36	23.56	33.00	PASS
Band38	15MHz	64QAM	38000	38RB#37	21.30	23.5	33.00	PASS
Band38	15MHz	64QAM	38000	75RB#0	20.16	22.36	33.00	PASS
Band38	15MHz	64QAM	38175	1RB#0	21.38	23.58	33.00	PASS
Band38	15MHz	64QAM	38175	1RB#38	21.35	23.55	33.00	PASS
Band38	15MHz	64QAM	38175	1RB#74	21.02	23.22	33.00	PASS
Band38	15MHz	64QAM	38175	38RB#0	21.59	23.79	33.00	PASS
Band38	15MHz	64QAM	38175	38RB#18	21.36	23.56	33.00	PASS



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Band38	15MHz	64QAM	38175	38RB#37	21.17	23.37	33.00	PASS
Band38	15MHz	64QAM	38175	75RB#0	20.10	22.3	33.00	PASS
Band38	20MHz	QPSK	37850	1RB#0	20.93	23.13	33.00	PASS
Band38	20MHz	QPSK	37850	1RB#49	21.06	23.26	33.00	PASS
Band38	20MHz	QPSK	37850	1RB#99	20.68	22.88	33.00	PASS
Band38	20MHz	QPSK	37850	50RB#0	21.25	23.45	33.00	PASS
Band38	20MHz	QPSK	37850	50RB#25	21.23	23.43	33.00	PASS
Band38	20MHz	QPSK	37850	50RB#50	21.15	23.35	33.00	PASS
Band38	20MHz	QPSK	37850	100RB#0	21.19	23.39	33.00	PASS
Band38	20MHz	QPSK	38000	1RB#0	21.10	23.3	33.00	PASS
Band38	20MHz	QPSK	38000	1RB#49	21.02	23.22	33.00	PASS
Band38	20MHz	QPSK	38000	1RB#99	20.95	23.15	33.00	PASS
Band38	20MHz	QPSK	38000	50RB#0	21.06	23.26	33.00	PASS
Band38	20MHz	QPSK	38000	50RB#25	21.03	23.23	33.00	PASS
Band38	20MHz	QPSK	38000	50RB#50	21.03	23.23	33.00	PASS
Band38	20MHz	QPSK	38000	100RB#0	21.00	23.2	33.00	PASS
Band38	20MHz	QPSK	38150	1RB#0	20.90	23.1	33.00	PASS
Band38	20MHz	QPSK	38150	1RB#49	20.94	23.14	33.00	PASS
Band38	20MHz	QPSK	38150	1RB#99	20.58	22.78	33.00	PASS
Band38	20MHz	QPSK	38150	50RB#0	20.84	23.04	33.00	PASS
Band38	20MHz	QPSK	38150	50RB#25	20.84	23.04	33.00	PASS
Band38	20MHz	QPSK	38150	50RB#50	20.74	22.94	33.00	PASS
Band38	20MHz	QPSK	38150	100RB#0	20.83	23.03	33.00	PASS
Band38	20MHz	16QAM	37850	1RB#0	21.44	23.64	33.00	PASS
Band38	20MHz	16QAM	37850	1RB#49	21.42	23.62	33.00	PASS
Band38	20MHz	16QAM	37850	1RB#99	21.29	23.49	33.00	PASS
Band38	20MHz	16QAM	37850	50RB#0	20.29	22.49	33.00	PASS
Band38	20MHz	16QAM	37850	50RB#25	20.27	22.47	33.00	PASS
Band38	20MHz	16QAM	37850	50RB#50	20.26	22.46	33.00	PASS
Band38	20MHz	16QAM	37850	100RB#0	20.26	22.46	33.00	PASS
Band38	20MHz	16QAM	38000	1RB#0	21.34	23.54	33.00	PASS
Band38	20MHz	16QAM	38000	1RB#49	21.23	23.43	33.00	PASS
Band38	20MHz	16QAM	38000	1RB#99	21.15	23.35	33.00	PASS
Band38	20MHz	16QAM	38000	50RB#0	20.14	22.34	33.00	PASS
Band38	20MHz	16QAM	38000	50RB#25	20.08	22.28	33.00	PASS
Band38	20MHz	16QAM	38000	50RB#50	20.05	22.25	33.00	PASS
Band38	20MHz	16QAM	38000	100RB#0	20.05	22.25	33.00	PASS
Band38	20MHz	16QAM	38150	1RB#0	21.29	23.49	33.00	PASS



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Band38	20MHz	16QAM	38150	1RB#49	21.06	23.26	33.00	PASS
Band38	20MHz	16QAM	38150	1RB#99	21.00	23.2	33.00	PASS
Band38	20MHz	16QAM	38150	50RB#0	19.88	22.08	33.00	PASS
Band38	20MHz	16QAM	38150	50RB#25	19.94	22.14	33.00	PASS
Band38	20MHz	16QAM	38150	50RB#50	19.84	22.04	33.00	PASS
Band38	20MHz	16QAM	38150	100RB#0	20.03	22.23	33.00	PASS
Band38	20MHz	64QAM	37850	1RB#0	21.35	23.55	33.00	PASS
Band38	20MHz	64QAM	37850	1RB#49	21.38	23.58	33.00	PASS
Band38	20MHz	64QAM	37850	1RB#99	20.96	23.16	33.00	PASS
Band38	20MHz	64QAM	37850	50RB#0	20.13	22.33	33.00	PASS
Band38	20MHz	64QAM	37850	50RB#25	20.17	22.37	33.00	PASS
Band38	20MHz	64QAM	37850	50RB#50	20.23	22.43	33.00	PASS
Band38	20MHz	64QAM	37850	100RB#0	20.10	22.3	33.00	PASS
Band38	20MHz	64QAM	38000	1RB#0	21.49	23.69	33.00	PASS
Band38	20MHz	64QAM	38000	1RB#49	21.25	23.45	33.00	PASS
Band38	20MHz	64QAM	38000	1RB#99	21.37	23.57	33.00	PASS
Band38	20MHz	64QAM	38000	50RB#0	20.21	22.41	33.00	PASS
Band38	20MHz	64QAM	38000	50RB#25	20.20	22.4	33.00	PASS
Band38	20MHz	64QAM	38000	50RB#50	20.25	22.45	33.00	PASS
Band38	20MHz	64QAM	38000	100RB#0	20.11	22.31	33.00	PASS
Band38	20MHz	64QAM	38150	1RB#0	21.41	23.61	33.00	PASS
Band38	20MHz	64QAM	38150	1RB#49	21.34	23.54	33.00	PASS
Band38	20MHz	64QAM	38150	1RB#99	21.07	23.27	33.00	PASS
Band38	20MHz	64QAM	38150	50RB#0	20.12	22.32	33.00	PASS
Band38	20MHz	64QAM	38150	50RB#25	20.26	22.46	33.00	PASS
Band38	20MHz	64QAM	38150	50RB#50	20.14	22.34	33.00	PASS
Band38	20MHz	64QAM	38150	100RB#0	20.14	22.34	33.00	PASS

Remark:

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

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

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



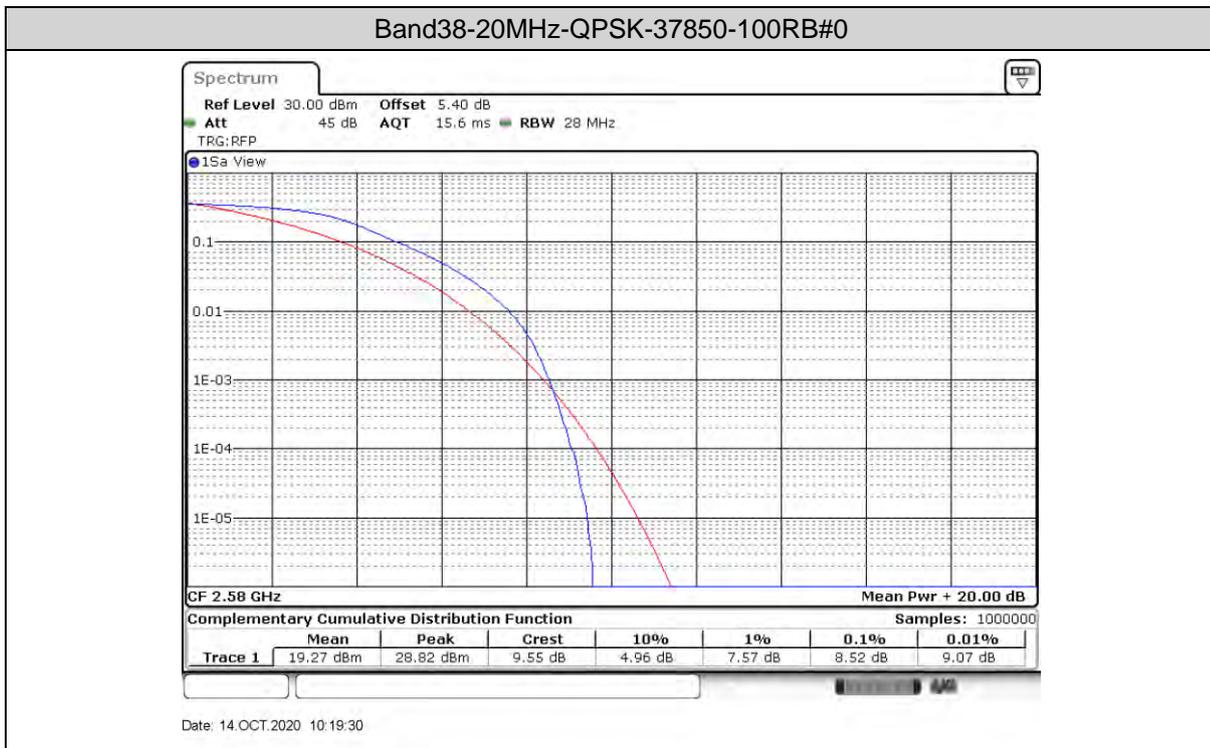
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2 Peak-to-Average Ratio (CCDF)

2.1 Test Result

Band	Bandwidth	Modulation	Channel	RB Configuration	Result(dB)	Limit(dB)	Verdict
Band38	20MHz	QPSK	37850	100RB#0	8.52	13	PASS
Band38	20MHz	QPSK	38000	100RB#0	8.52	13	PASS
Band38	20MHz	QPSK	38150	100RB#0	8.41	13	PASS
Band38	20MHz	16QAM	37850	100RB#0	9.39	13	PASS
Band38	20MHz	16QAM	38000	100RB#0	9.48	13	PASS
Band38	20MHz	16QAM	38150	100RB#0	9.45	13	PASS
Band38	20MHz	64QAM	37850	100RB#0	9.91	13	PASS
Band38	20MHz	64QAM	38000	100RB#0	9.91	13	PASS
Band38	20MHz	64QAM	38150	100RB#0	9.83	13	PASS

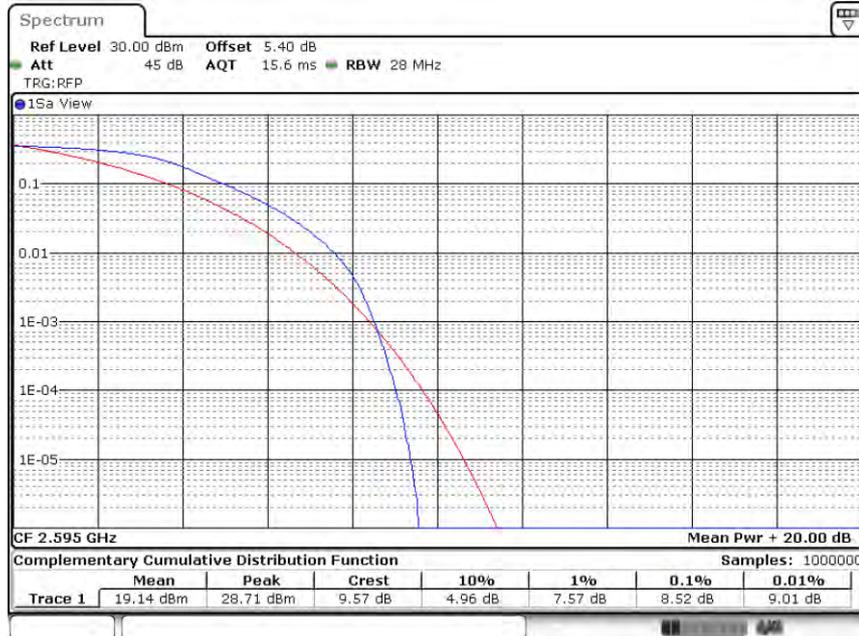
2.2 Test Plots



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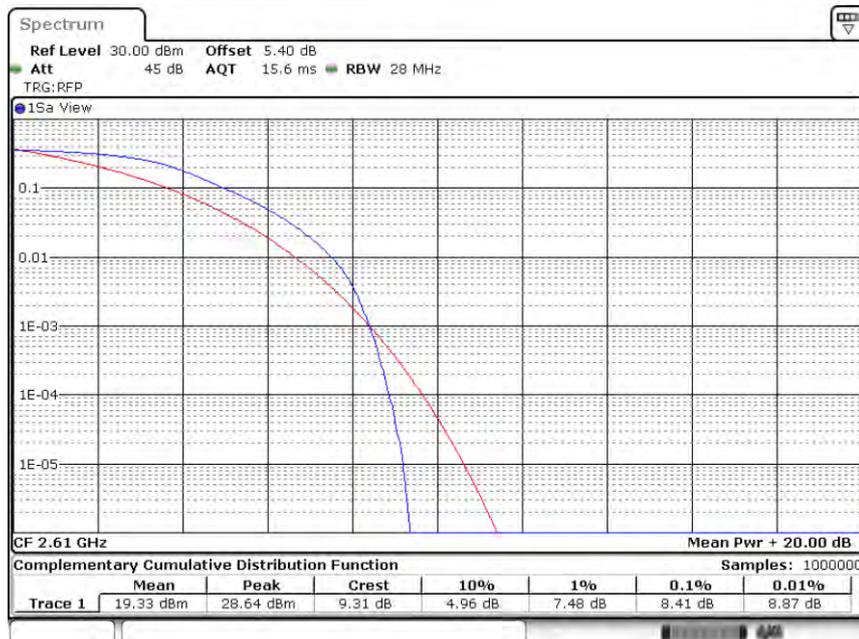
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Band38-20MHz-QPSK-38000-100RB#0



Date: 14.OCT.2020 10:19:58

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

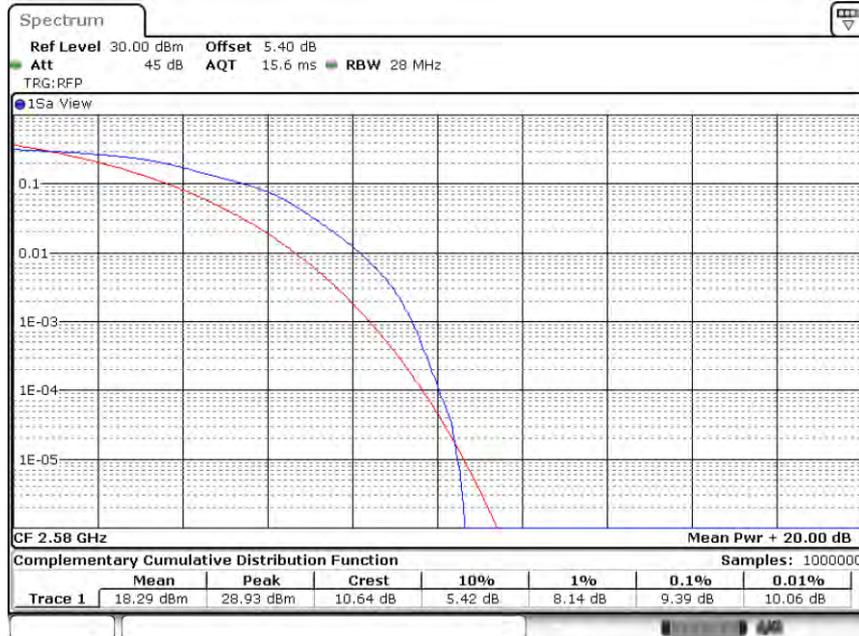


Date: 14.OCT.2020 10:20:27



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



Date: 14.OCT.2020 10:19:44

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

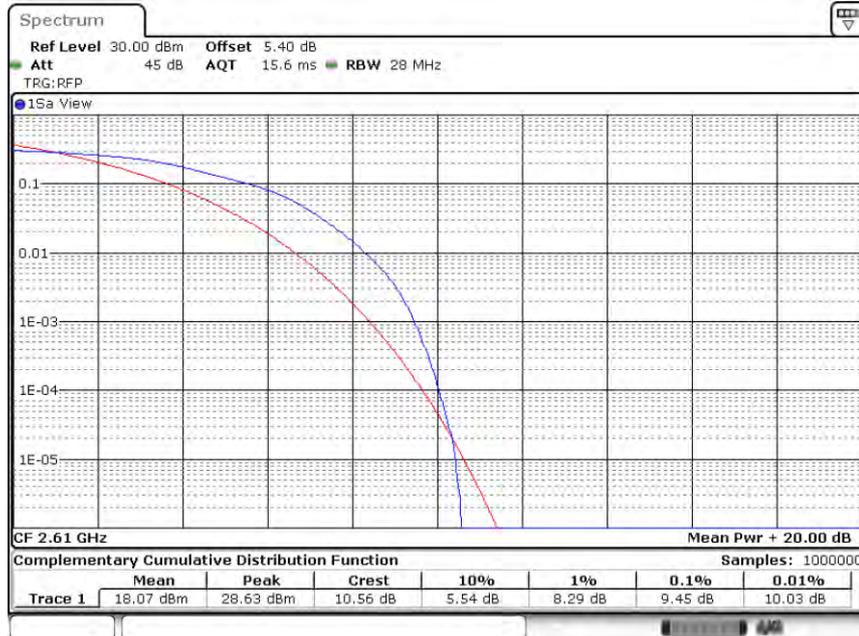


Date: 14.OCT.2020 10:20:13



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



Date: 14.OCT.2020 10:20:41

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

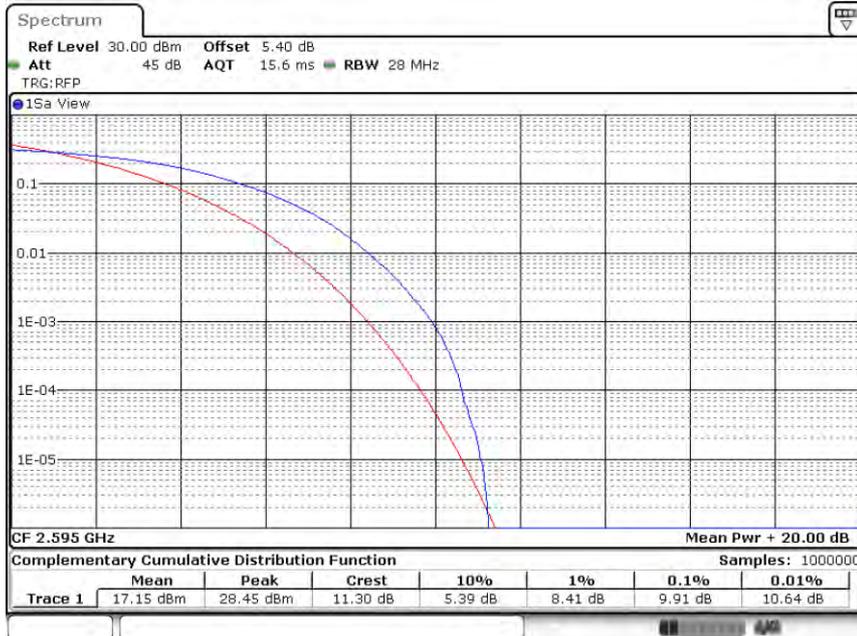


Date: 14.OCT.2020 11:48:33



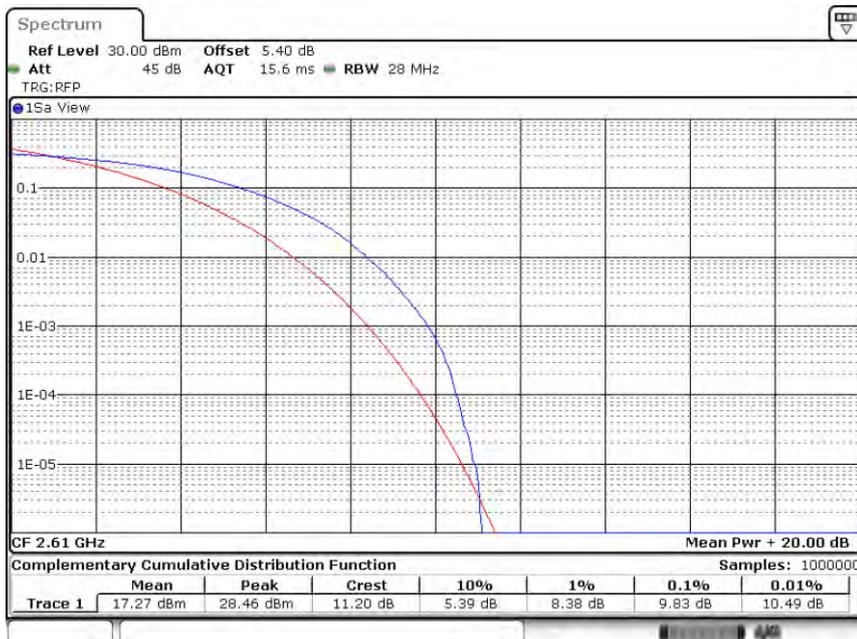
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Band38-20MHz-64QAM-38000-100RB#0



Date: 14.OCT.2020 11:48:47

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



Date: 14.OCT.2020 11:49:02



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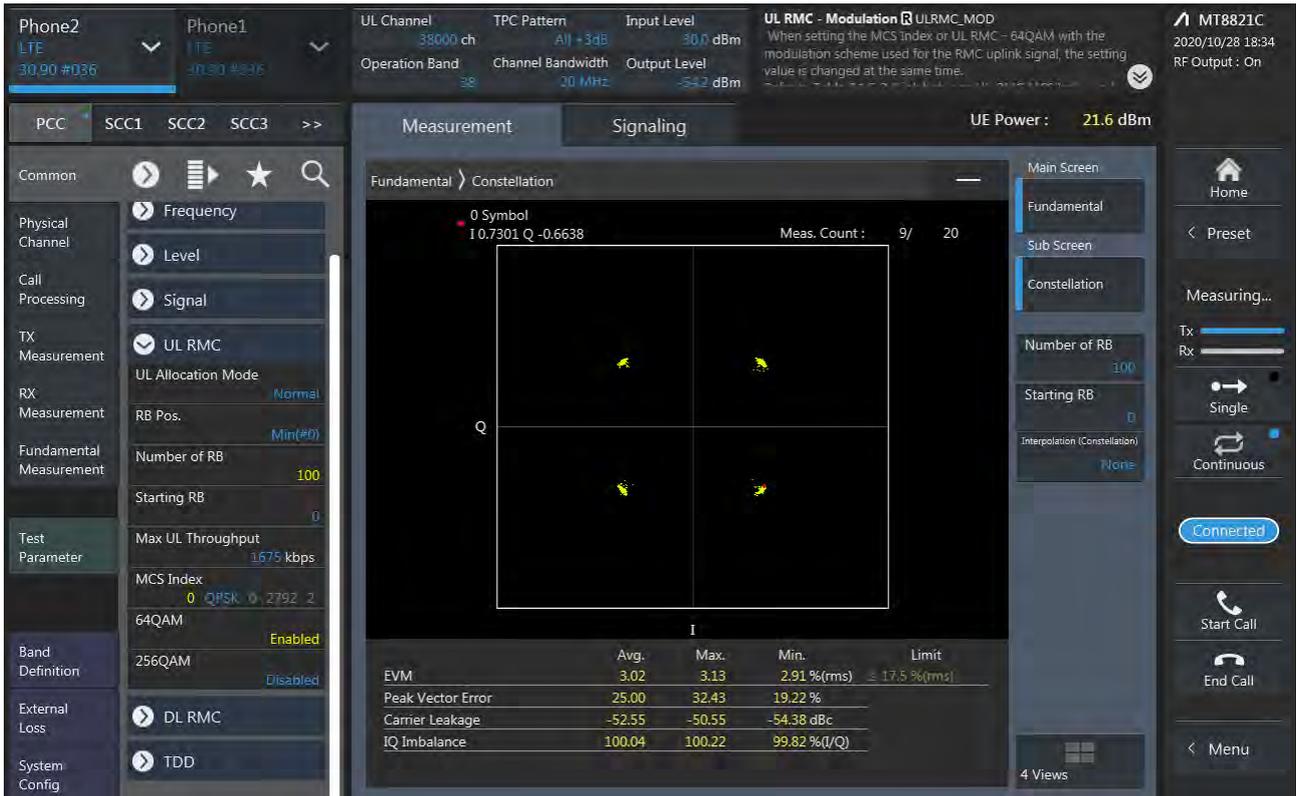
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3 Modulation Characteristics

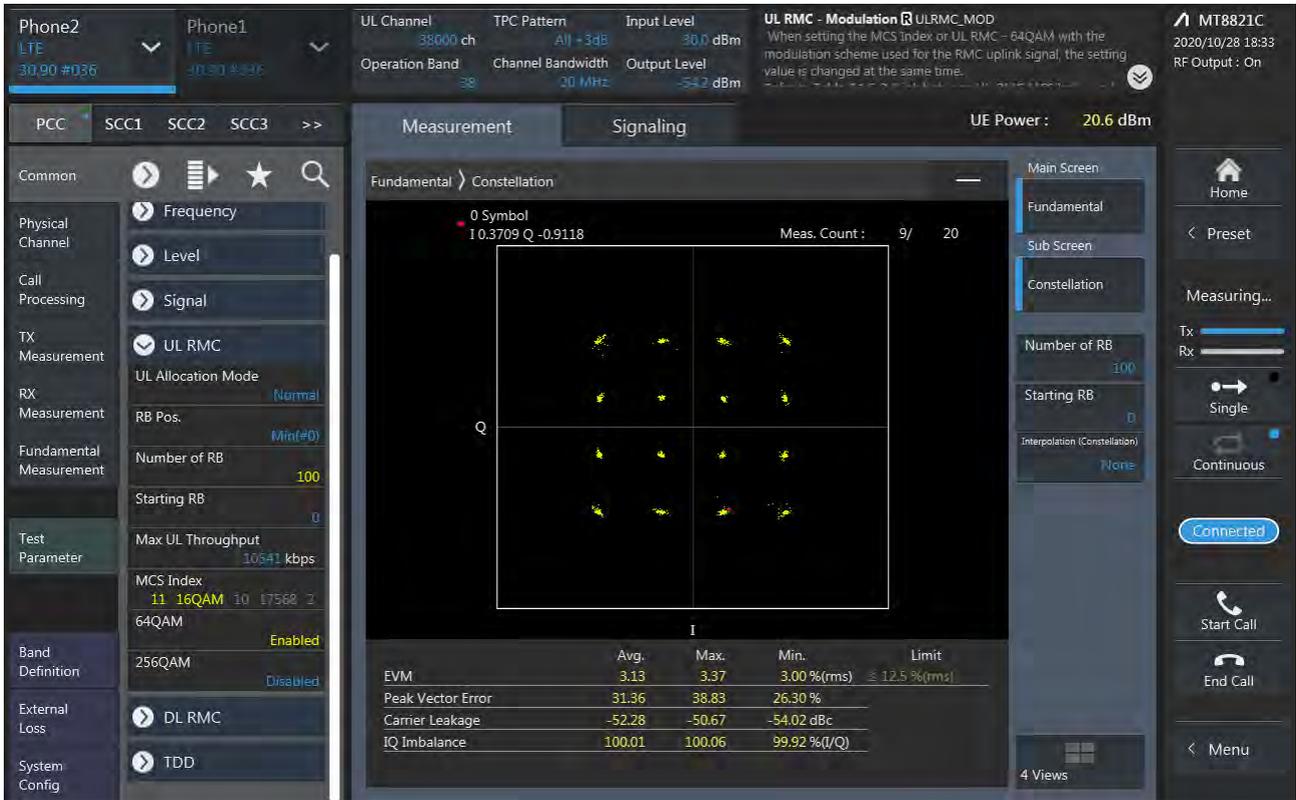
3.1 Test Mode = LTE /TM1 20MHz

3.1.1 Test Channel = MCH



3.2 Test Mode = LTE /TM2 20MHz

3.2.1 Test Channel = MCH



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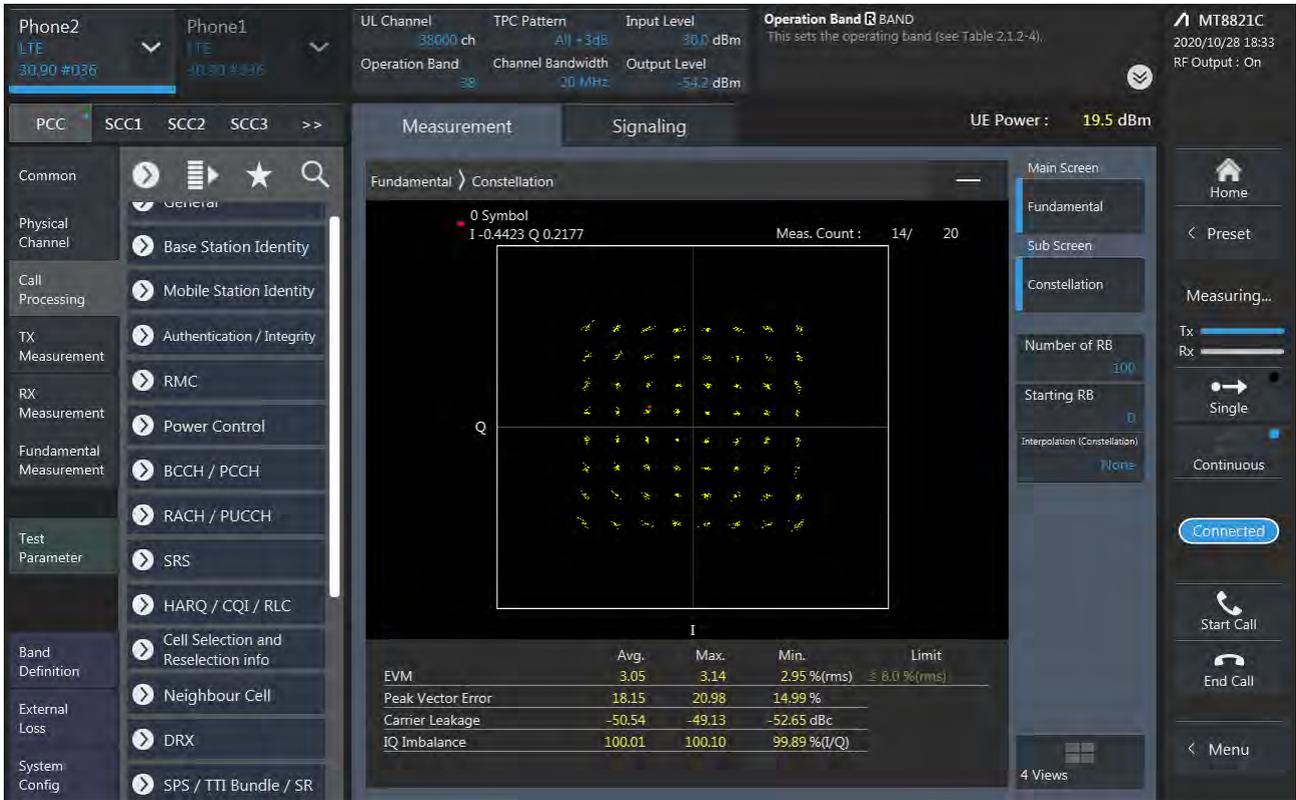
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3.3 Test Mode = LTE /TM3 20MHz

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	4.466	4.940	PASS
Band38	5MHz	QPSK	38000	25RB#0	4.476	4.950	PASS
Band38	5MHz	QPSK	38225	25RB#0	4.476	4.930	PASS
Band38	5MHz	16QAM	37775	25RB#0	4.496	4.970	PASS
Band38	5MHz	16QAM	38000	25RB#0	4.496	4.970	PASS
Band38	5MHz	16QAM	38225	25RB#0	4.496	4.950	PASS
Band38	5MHz	64QAM	37775	25RB#0	4.486	5.050	PASS
Band38	5MHz	64QAM	38000	25RB#0	4.486	5.070	PASS
Band38	5MHz	64QAM	38225	25RB#0	4.486	5.050	PASS
Band38	10MHz	QPSK	37800	50RB#0	8.911	9.840	PASS
Band38	10MHz	QPSK	38000	50RB#0	8.911	9.780	PASS
Band38	10MHz	QPSK	38200	50RB#0	8.911	9.840	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	9.620	PASS
Band38	10MHz	64QAM	37800	50RB#0	8.931	9.740	PASS
Band38	10MHz	64QAM	38000	50RB#0	8.931	9.760	PASS
Band38	10MHz	64QAM	38200	50RB#0	8.931	9.760	PASS
Band38	15MHz	QPSK	37825	75RB#0	13.516	16.320	PASS
Band38	15MHz	QPSK	38000	75RB#0	13.516	16.650	PASS
Band38	15MHz	QPSK	38175	75RB#0	13.487	16.230	PASS
Band38	15MHz	16QAM	37825	75RB#0	13.487	15.000	PASS
Band38	15MHz	16QAM	38000	75RB#0	13.487	14.970	PASS
Band38	15MHz	16QAM	38175	75RB#0	13.457	15.000	PASS
Band38	15MHz	64QAM	37825	75RB#0	13.457	15.000	PASS
Band38	15MHz	64QAM	38000	75RB#0	13.457	14.880	PASS
Band38	15MHz	64QAM	38175	75RB#0	13.457	14.760	PASS
Band38	20MHz	QPSK	37850	100RB#0	17.942	19.920	PASS
Band38	20MHz	QPSK	38000	100RB#0	17.942	19.880	PASS
Band38	20MHz	QPSK	38150	100RB#0	17.902	19.640	PASS
Band38	20MHz	16QAM	37850	100RB#0	17.942	19.920	PASS



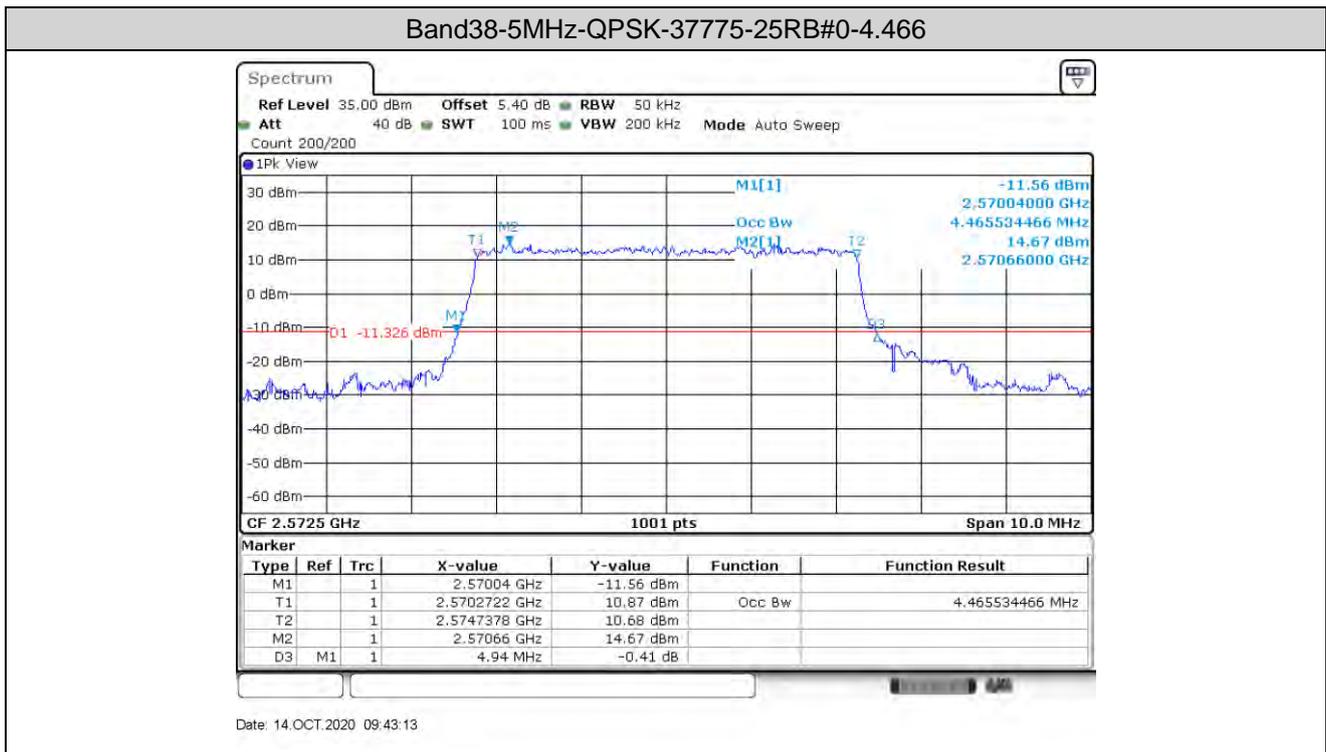
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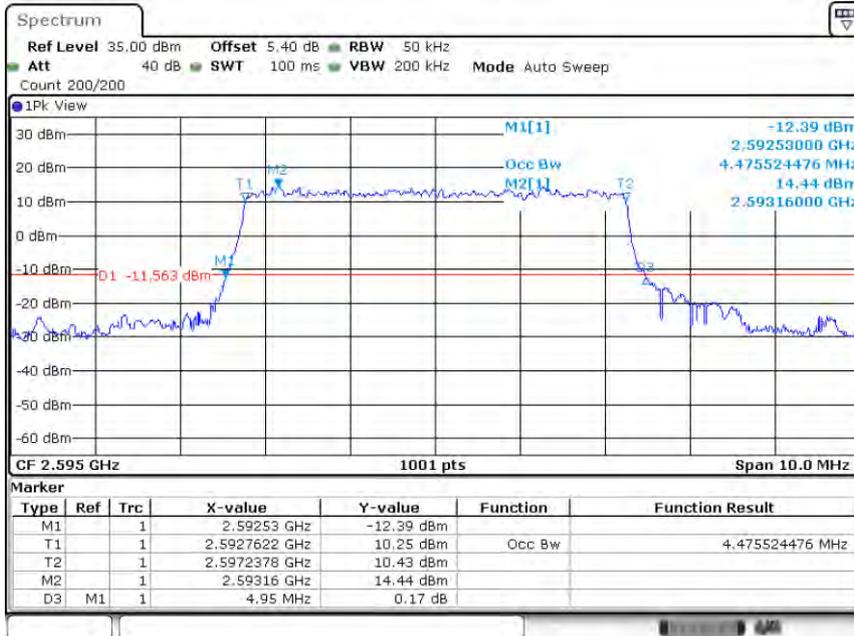
Band38	20MHz	16QAM	38000	100RB#0	17.902	20.160	PASS
Band38	20MHz	16QAM	38150	100RB#0	17.902	20.000	PASS
Band38	20MHz	64QAM	37850	100RB#0	17.942	19.680	PASS
Band38	20MHz	64QAM	38000	100RB#0	17.942	19.680	PASS
Band38	20MHz	64QAM	38150	100RB#0	17.902	19.680	PASS

4.2 Test Plots



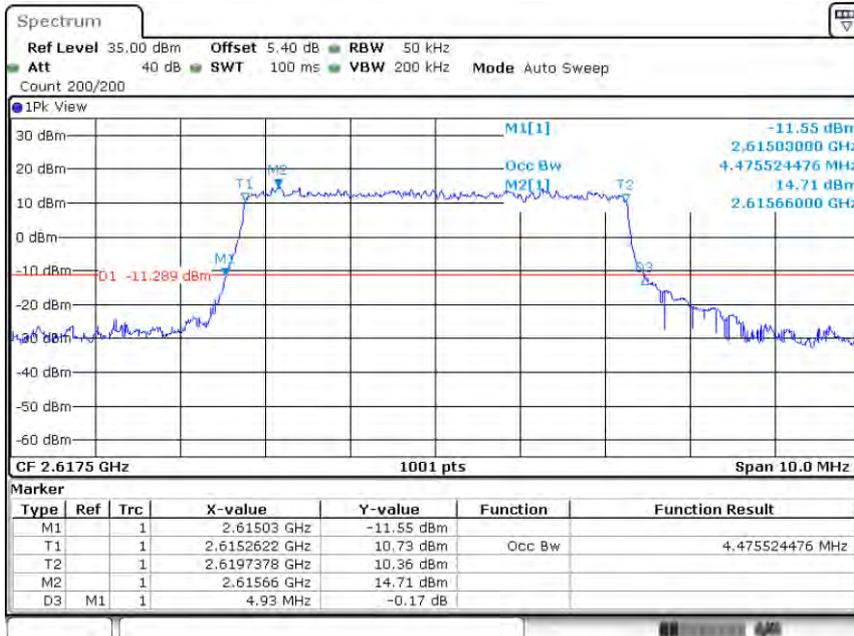
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Band38-5MHz-QPSK-38000-25RB#0-4.476



Date: 14.OCT.2020 09:44:24

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

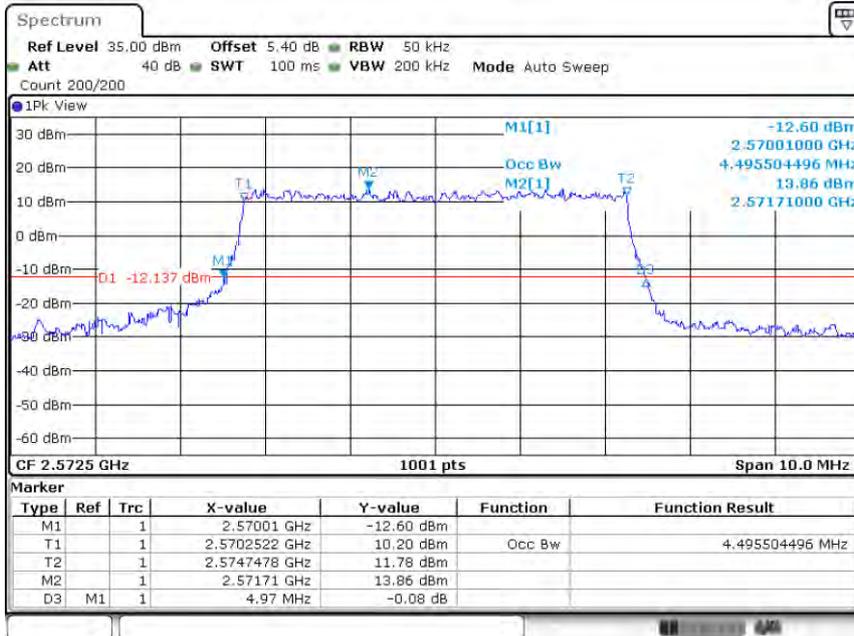


Date: 14.OCT.2020 09:45:36



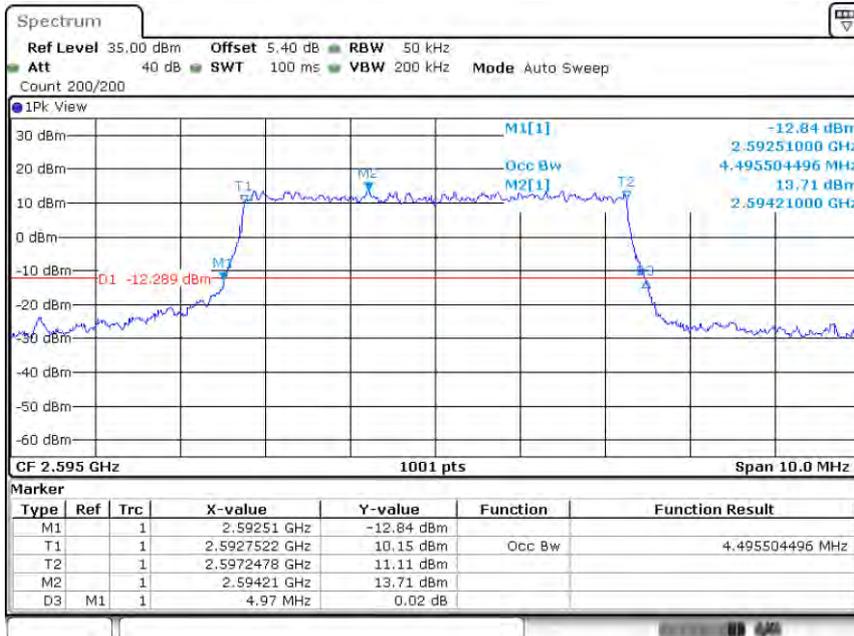
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Band38-5MHz-16QAM-37775-25RB#0-4.496



Date: 14.OCT.2020 09:43:48

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

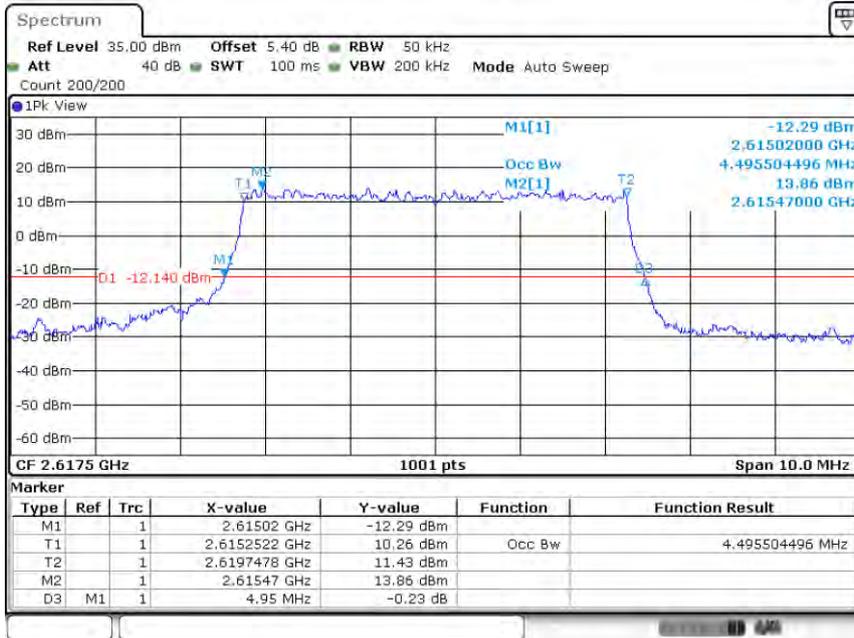


Date: 14.OCT.2020 09:45:00



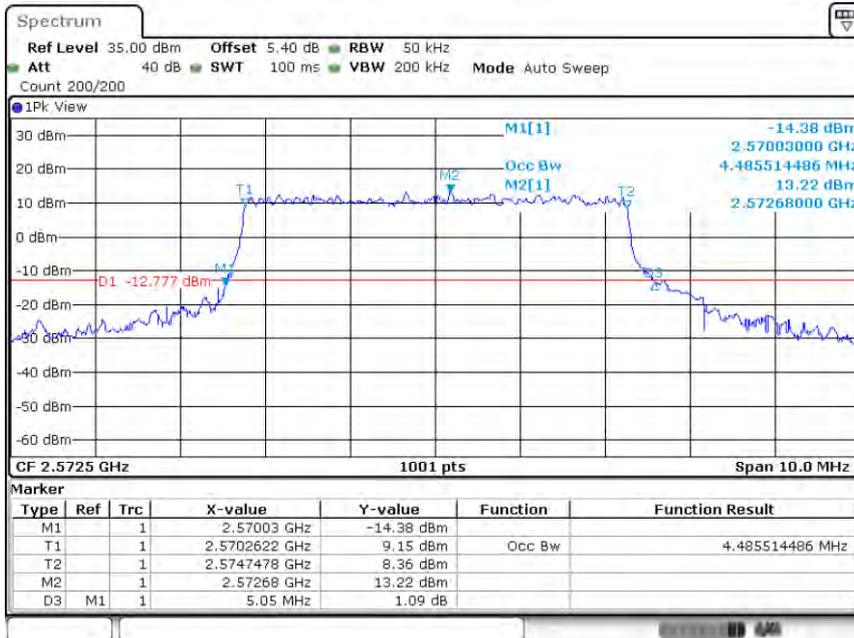
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Band38-5MHz-16QAM-38225-25RB#0-4.496



Date: 14.OCT.2020 09:46:12

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

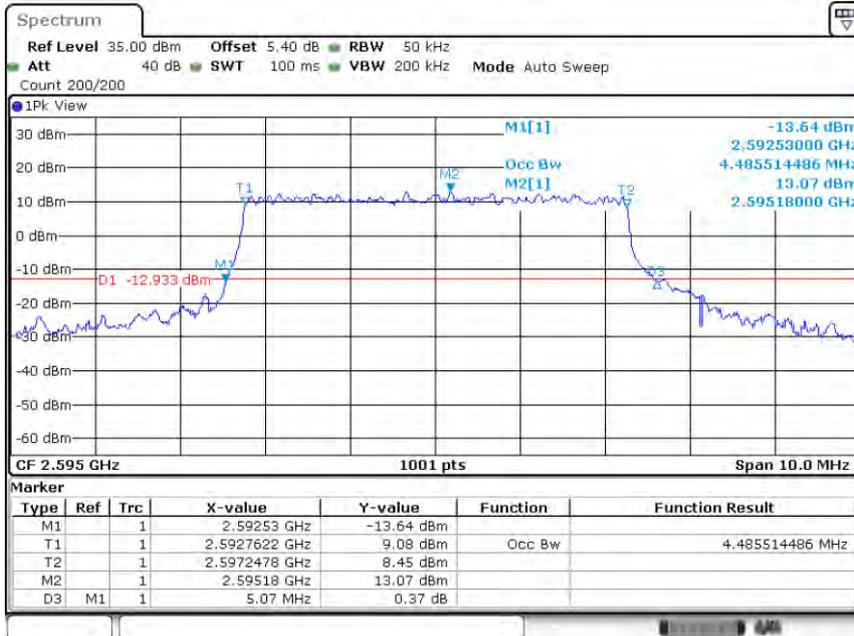


Date: 14.OCT.2020 11:29:53



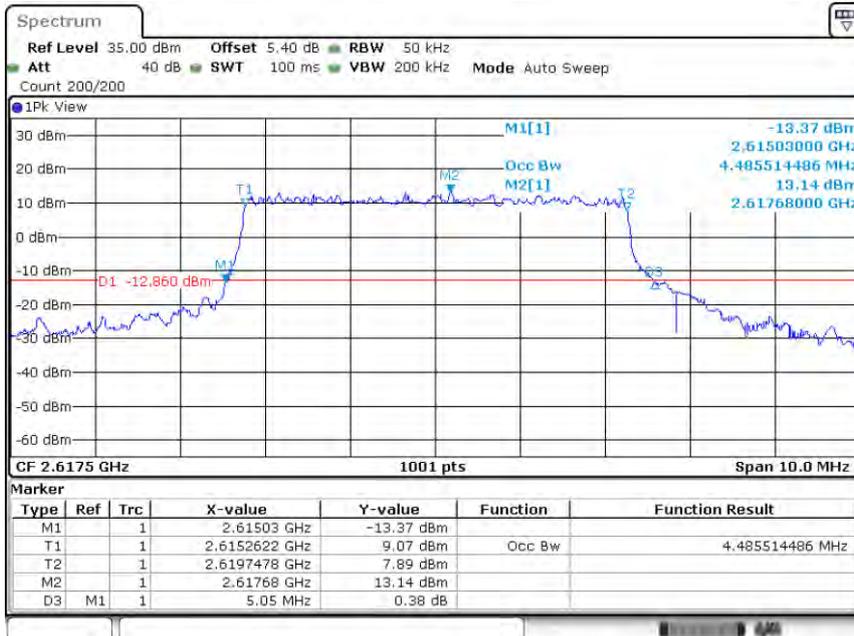
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Band38-5MHz-64QAM-38000-25RB#0-4.486



Date: 14.OCT.2020 11:30:40

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

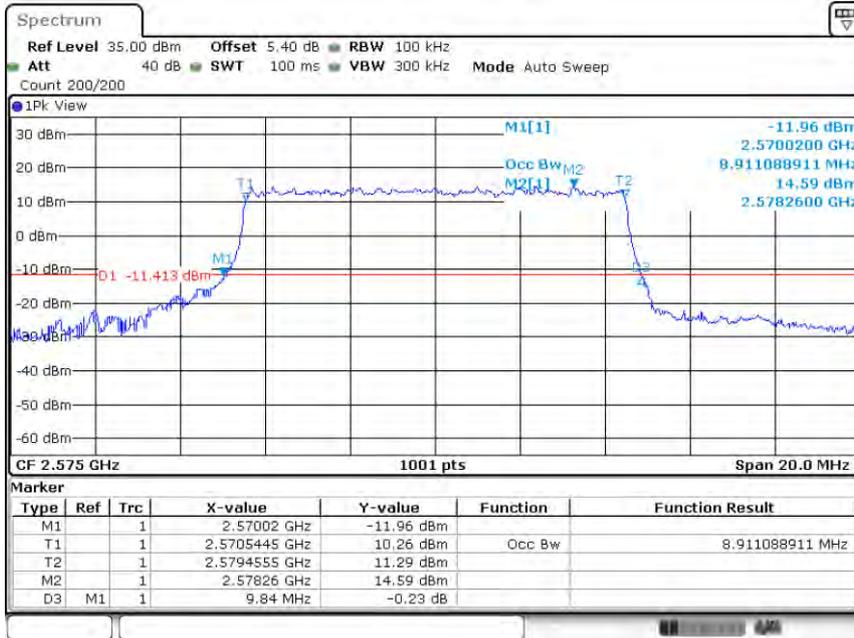


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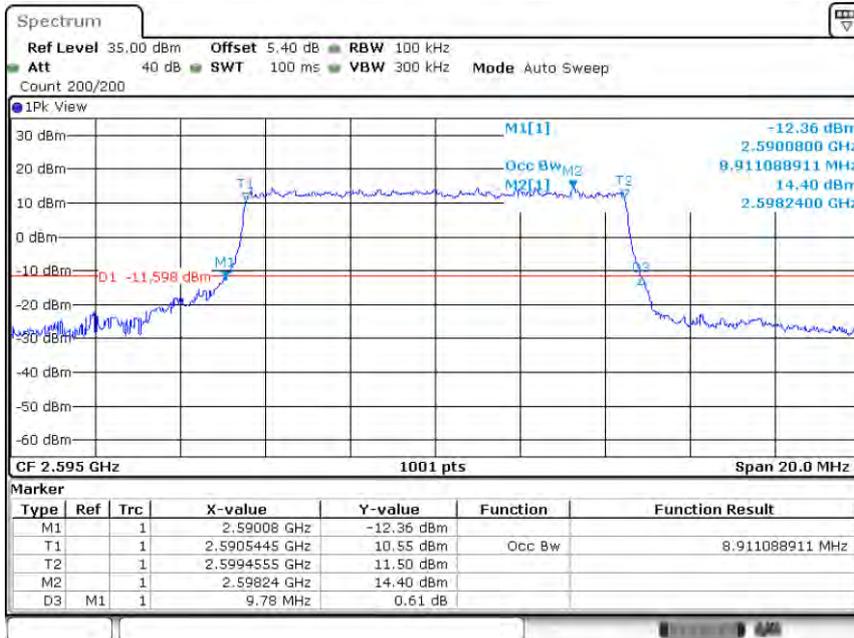
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Band38-10MHz-QPSK-37800-50RB#0-8.911



Date: 14.OCT.2020 09:46:54

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

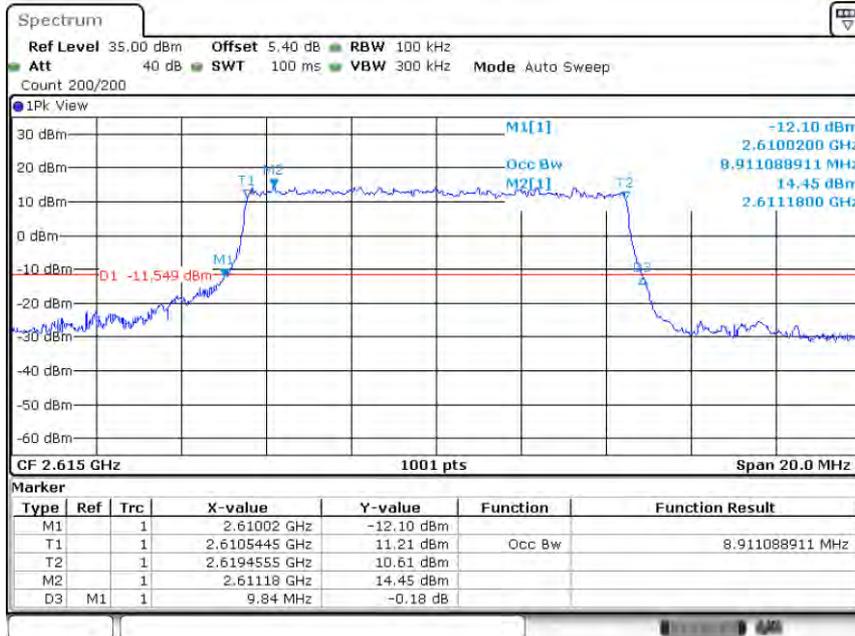


Date: 14.OCT.2020 09:48:06



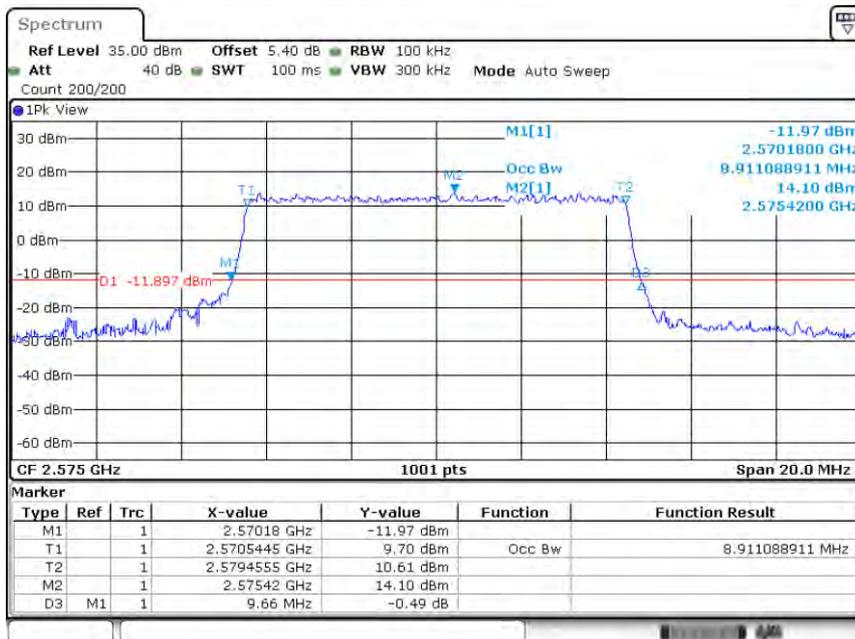
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Band38-10MHz-QPSK-38200-50RB#0-8.911



Date: 14.OCT.2020 09:49:18

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

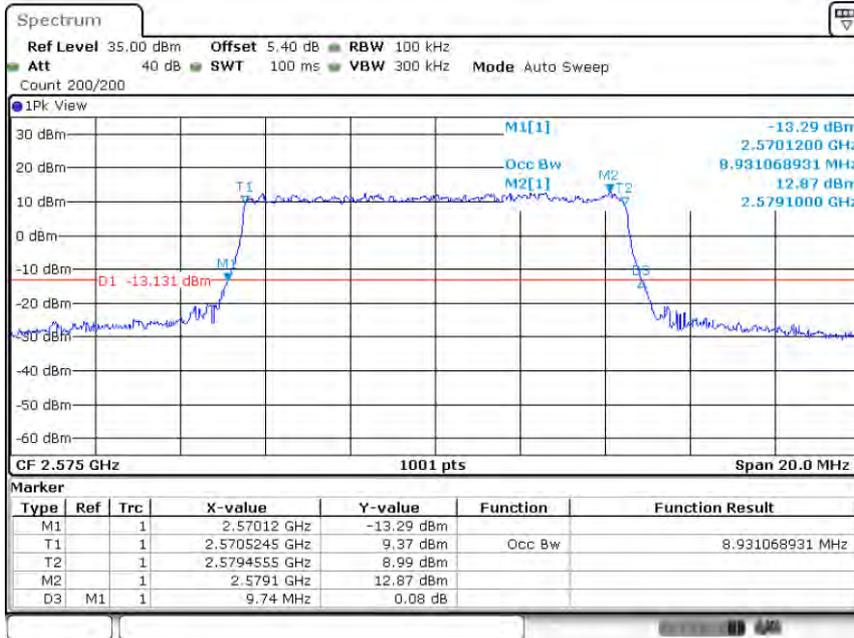


Date: 14.OCT.2020 09:47:30



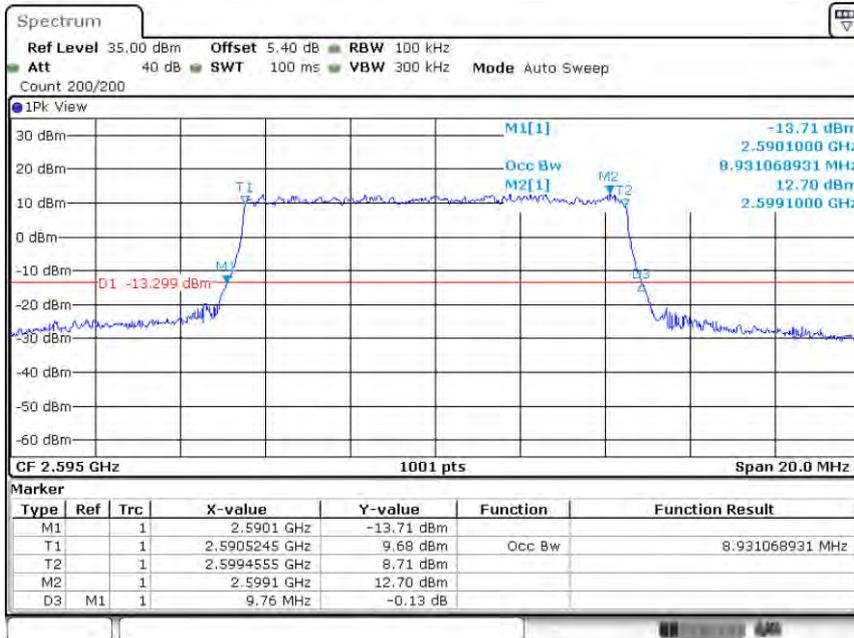
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Band38-10MHz-64QAM-37800-50RB#0-8.931



Date: 14.OCT.2020 11:32:04

Band38-10MHz-64QAM-38000-50RB#0-8.931

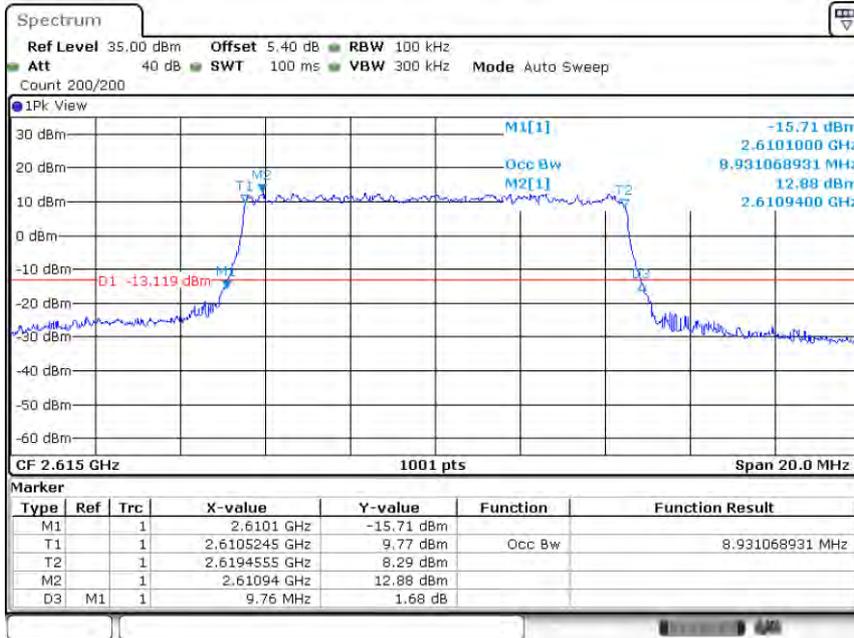


Date: 14.OCT.2020 11:32:40



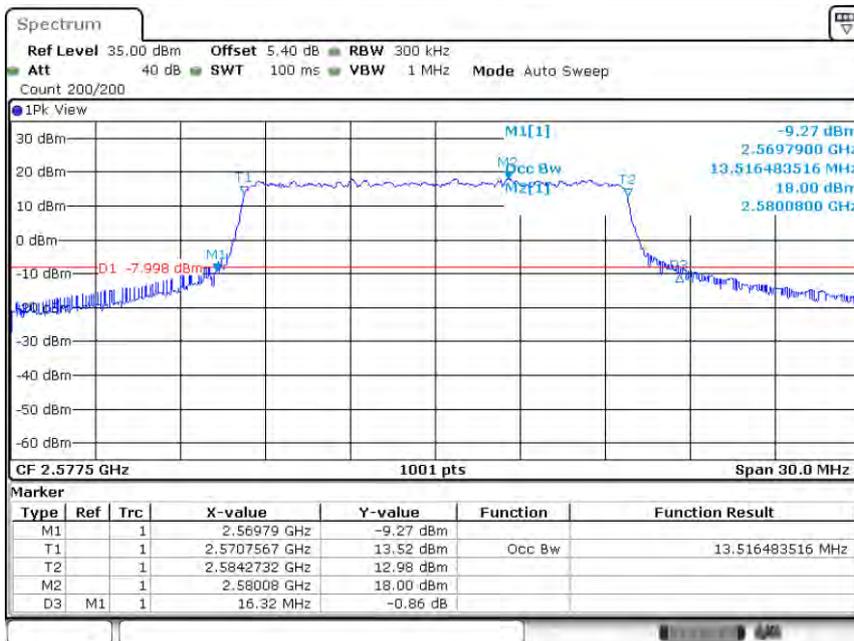
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Band38-10MHz-64QAM-38200-50RB#0-8.931



Date: 14.OCT.2020 11:33:16

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

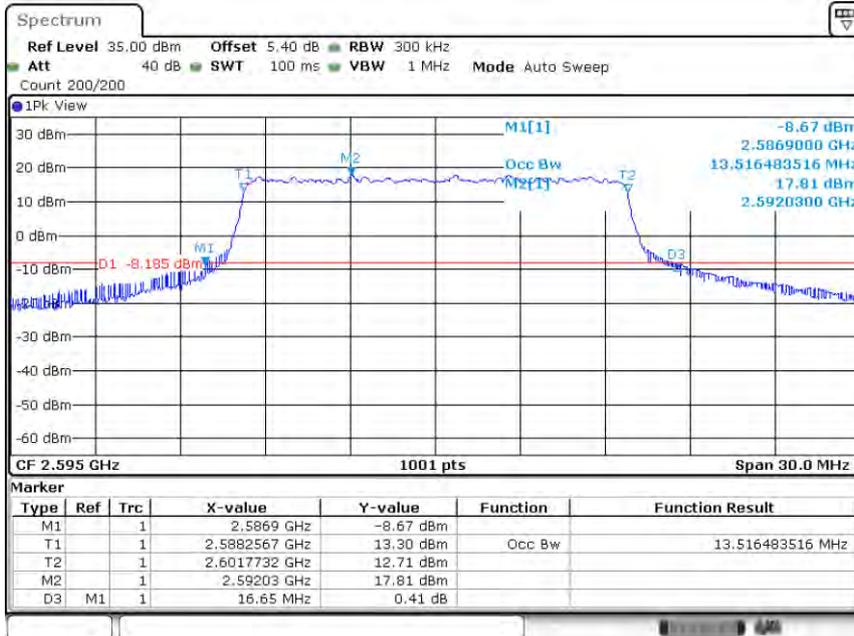


Date: 14.OCT.2020 09:50:35



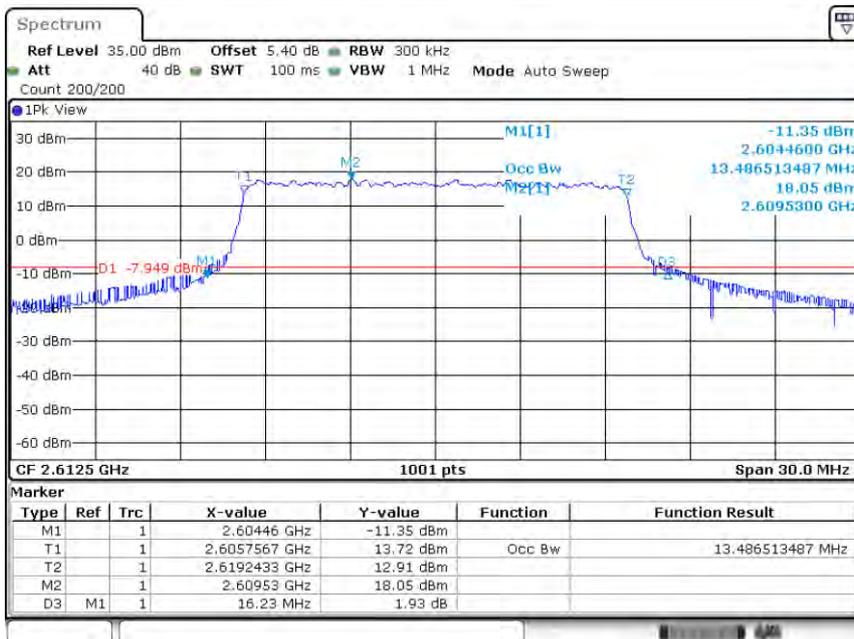
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Band38-15MHz-QPSK-38000-75RB#0-13.516



Date: 14.OCT.2020 09:51:47

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

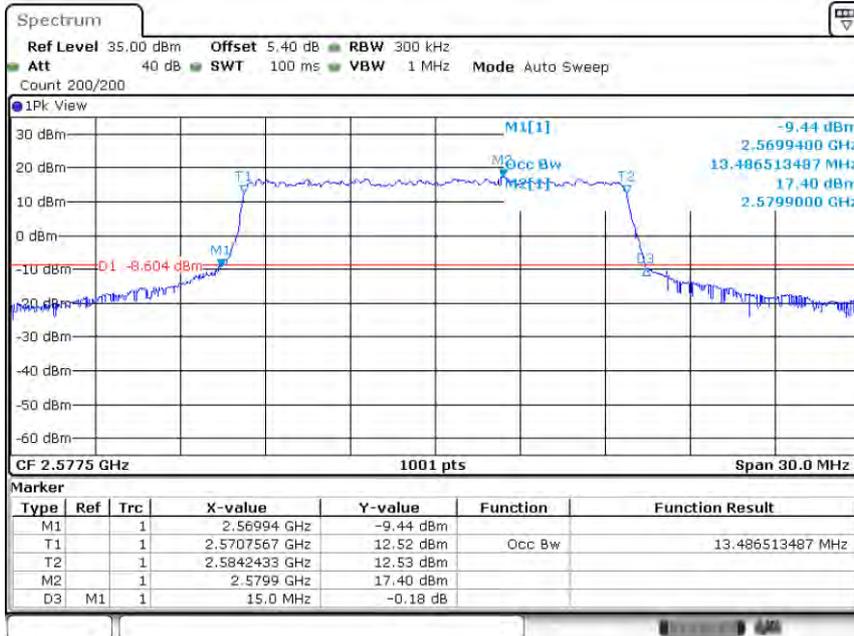


Date: 14.OCT.2020 09:52:59



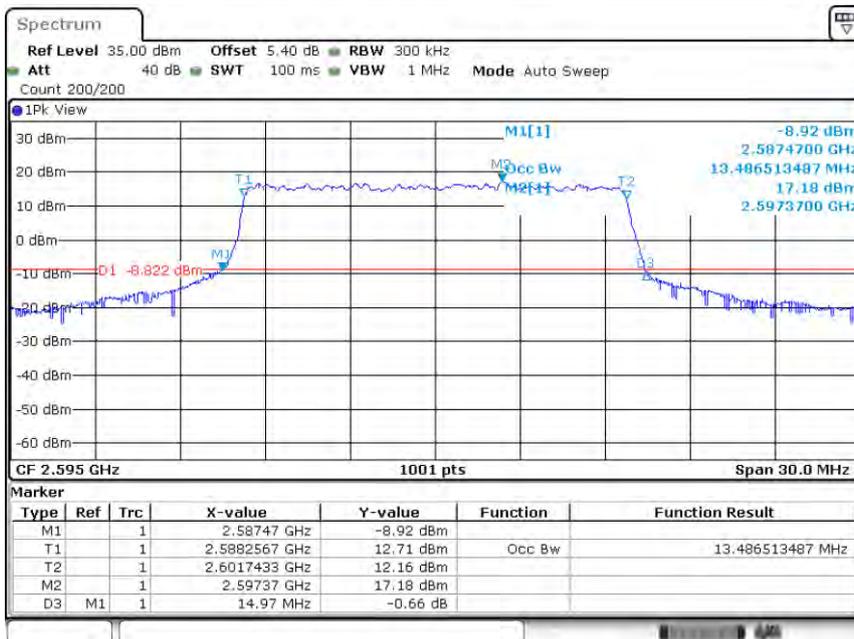
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Band38-15MHz-16QAM-37825-75RB#0-13.487



Date: 14.OCT.2020 09:51:11

Band38-15MHz-16QAM-38000-75RB#0-13.487

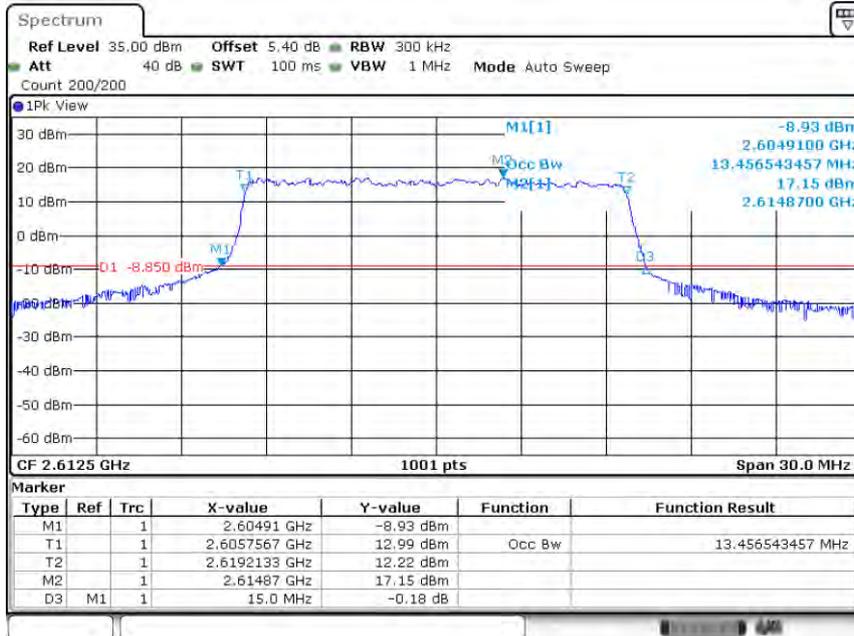


Date: 14.OCT.2020 09:52:23



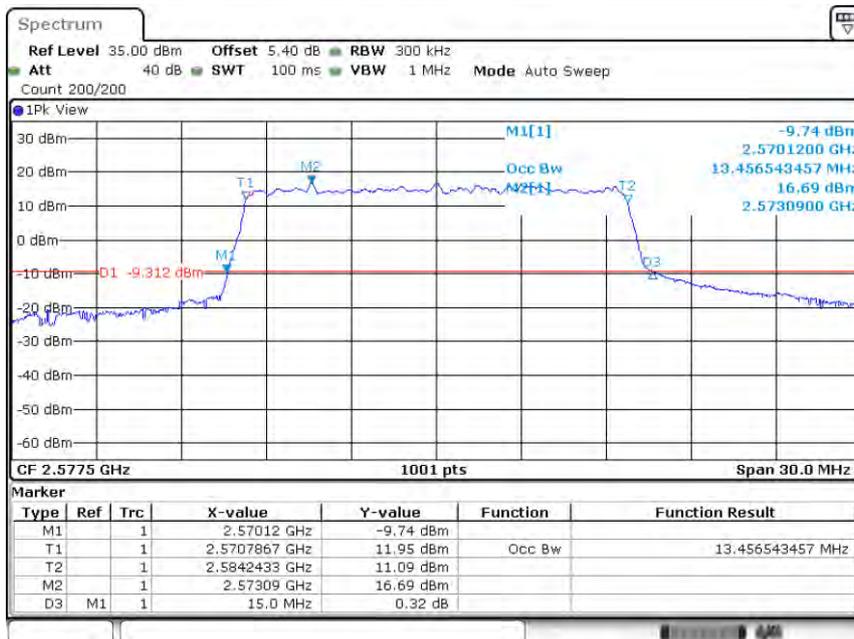
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Band38-15MHz-16QAM-38175-75RB#0-13.457



Date: 14.OCT.2020 09:53:35

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



Date: 14.OCT.2020 11:34:32

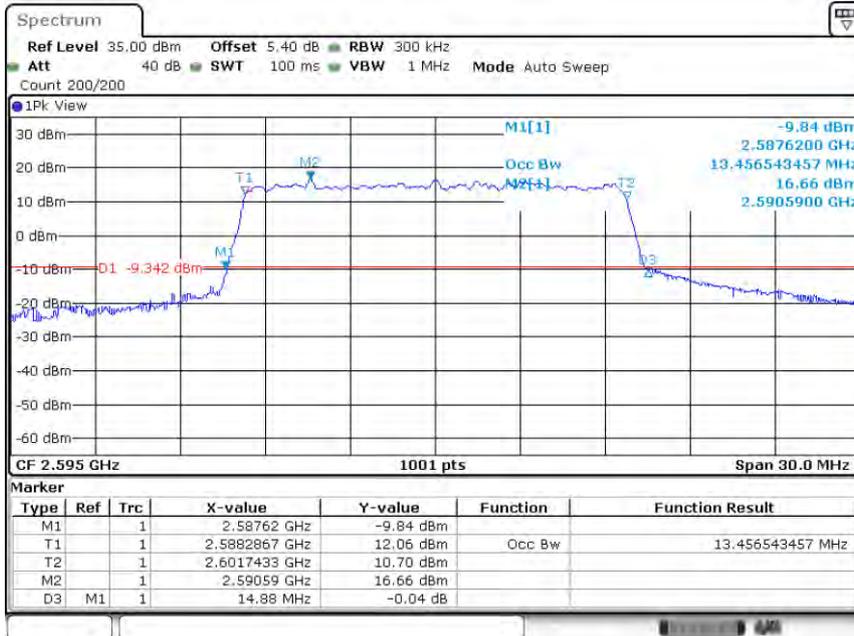


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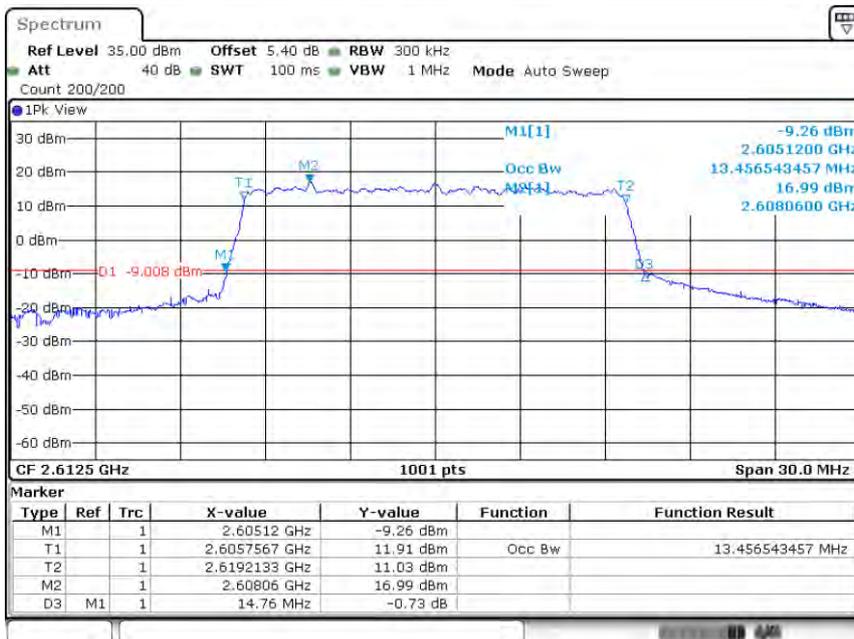
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Band38-15MHz-64QAM-38000-75RB#0-13.457



Date: 14.OCT.2020 11:35:15

Band38-15MHz-64QAM-38175-75RB#0-13.457



Date: 14.OCT.2020 11:36:11

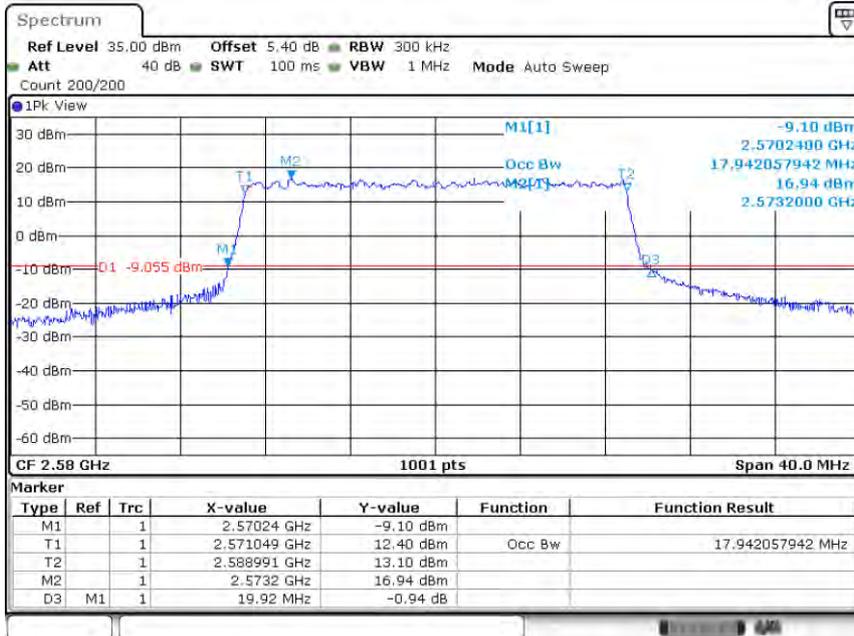


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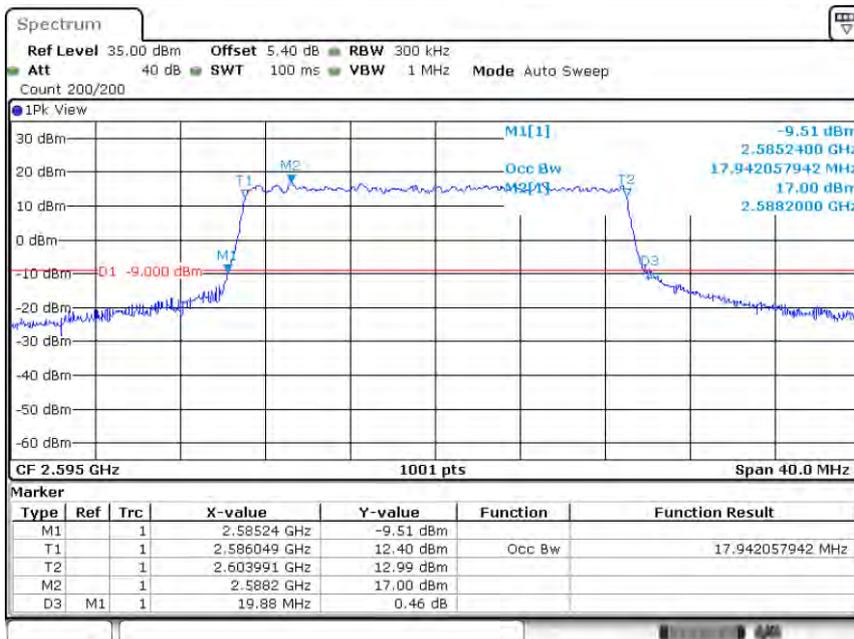
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Band38-20MHz-QPSK-37850-100RB#0-17.942



Date: 14.OCT.2020 09:58:52

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



Date: 14.OCT.2020 10:01:14

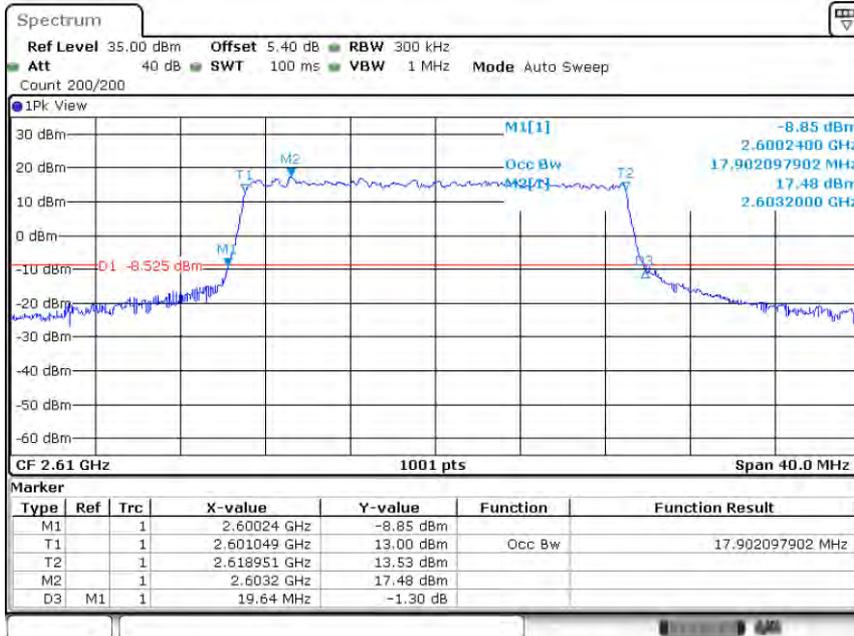


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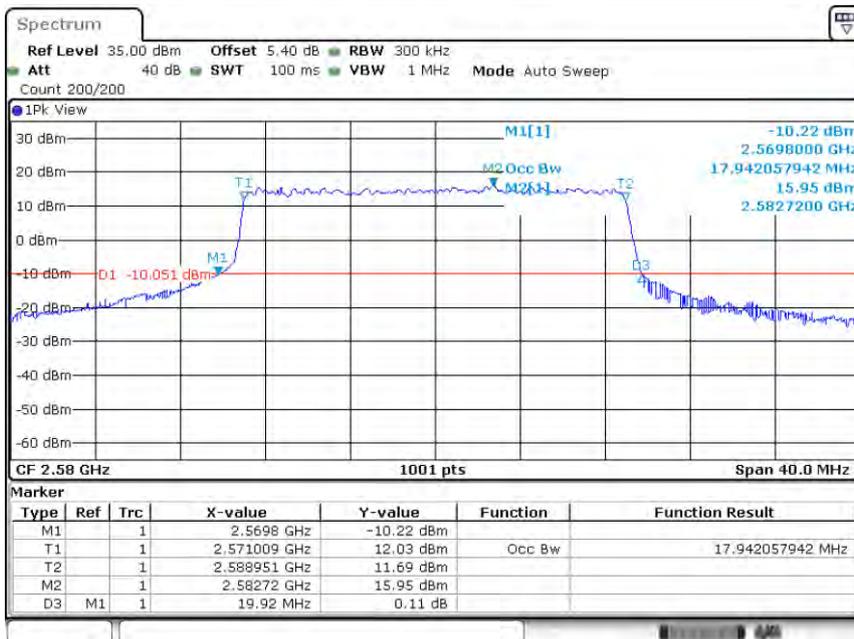
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Band38-20MHz-QPSK-38150-100RB#0-17.902



Date: 14.OCT.2020 10:02:26

Band38-20MHz-16QAM-37850-100RB#0-17.942

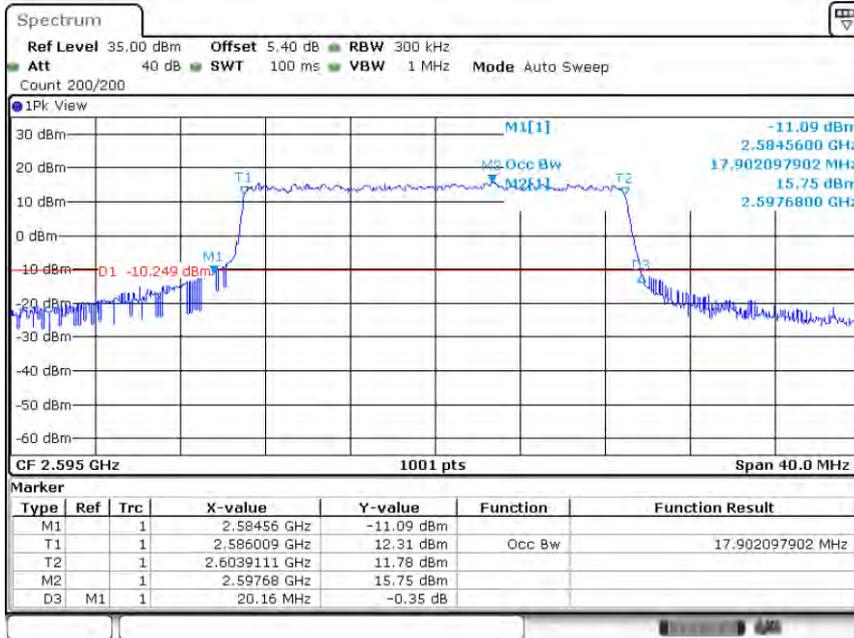


Date: 14.OCT.2020 10:00:38



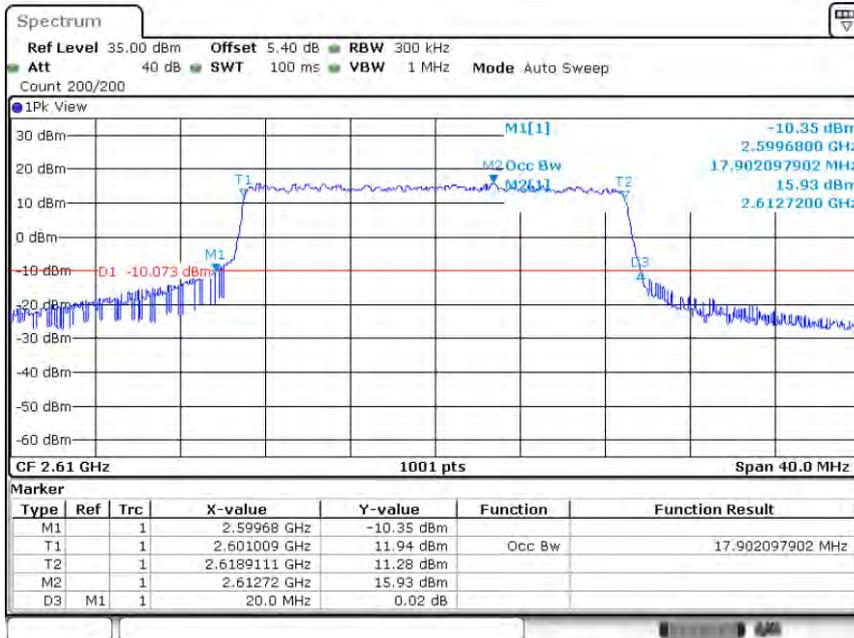
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Band38-20MHz-16QAM-38000-100RB#0-17.902



Date: 14.OCT.2020 10:01:50

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

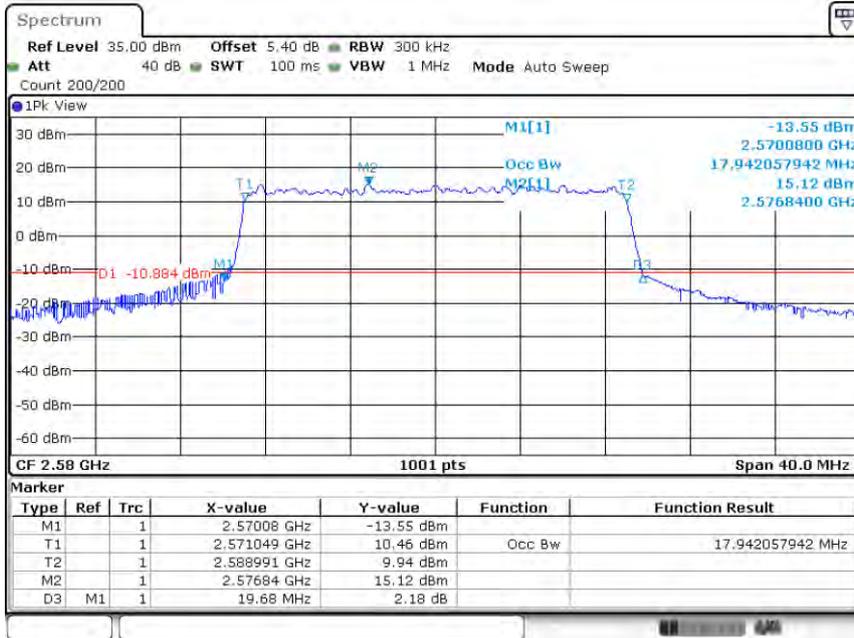


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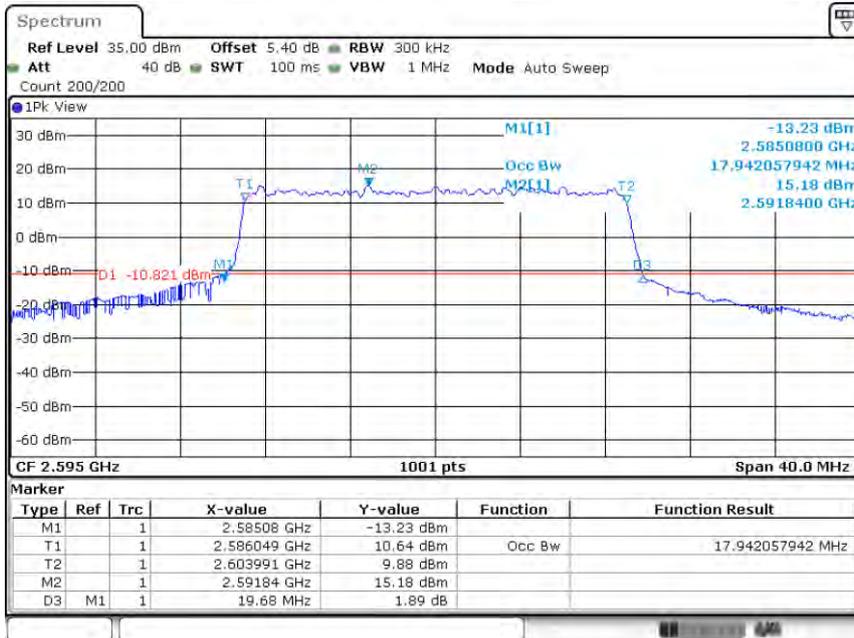
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Band38-20MHz-64QAM-37850-100RB#0-17.942



Date: 14.OCT.2020 11:37:16

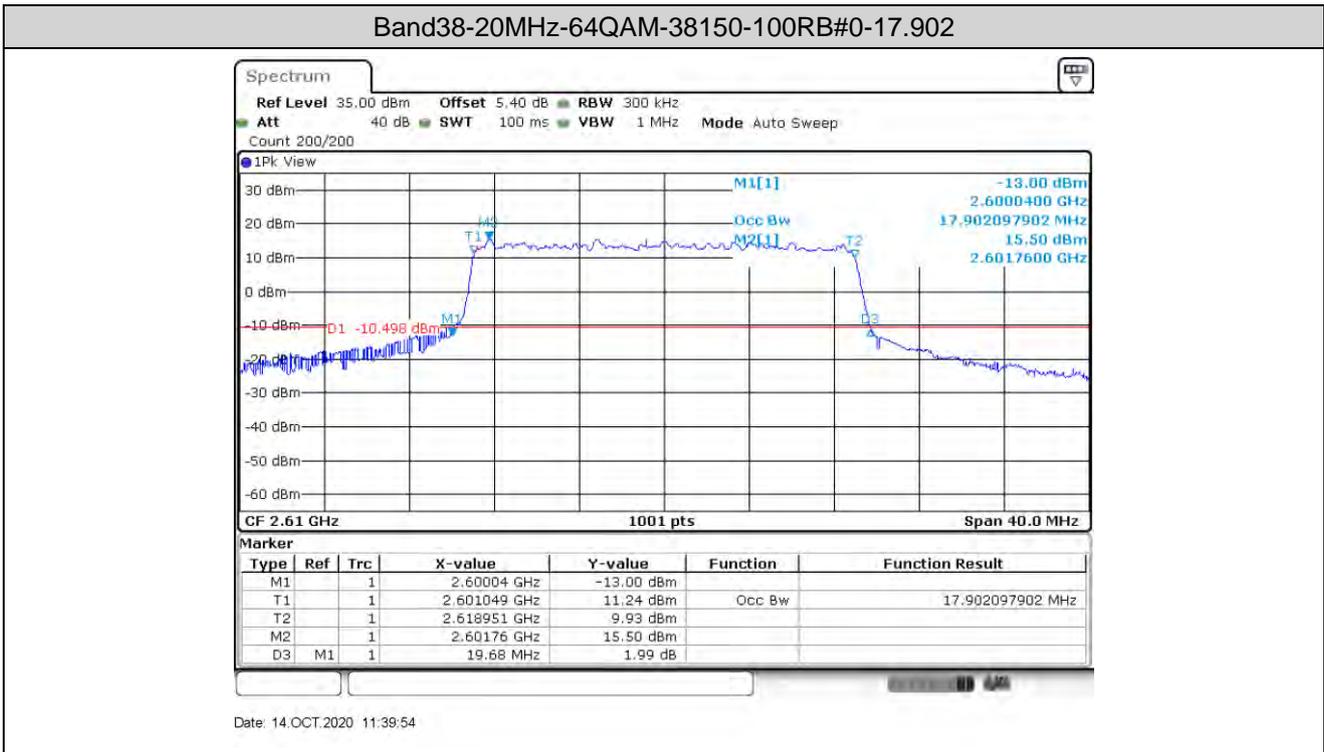
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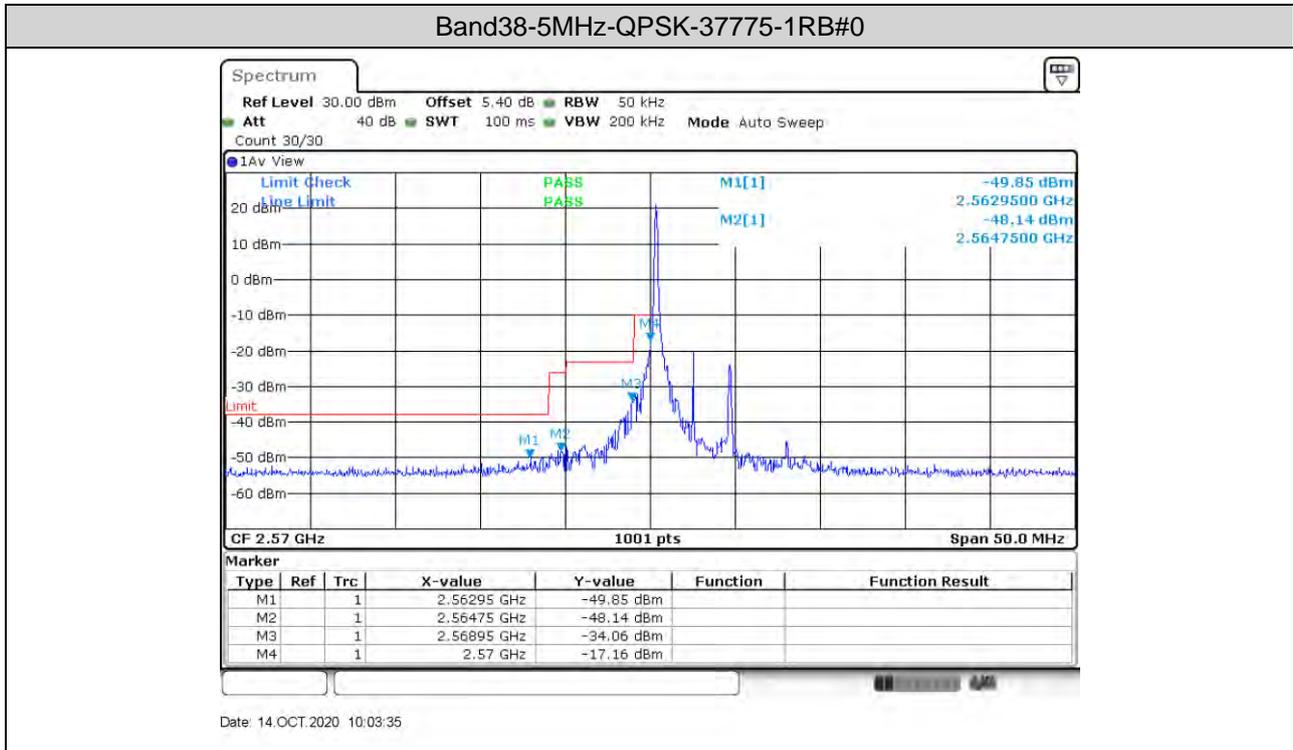
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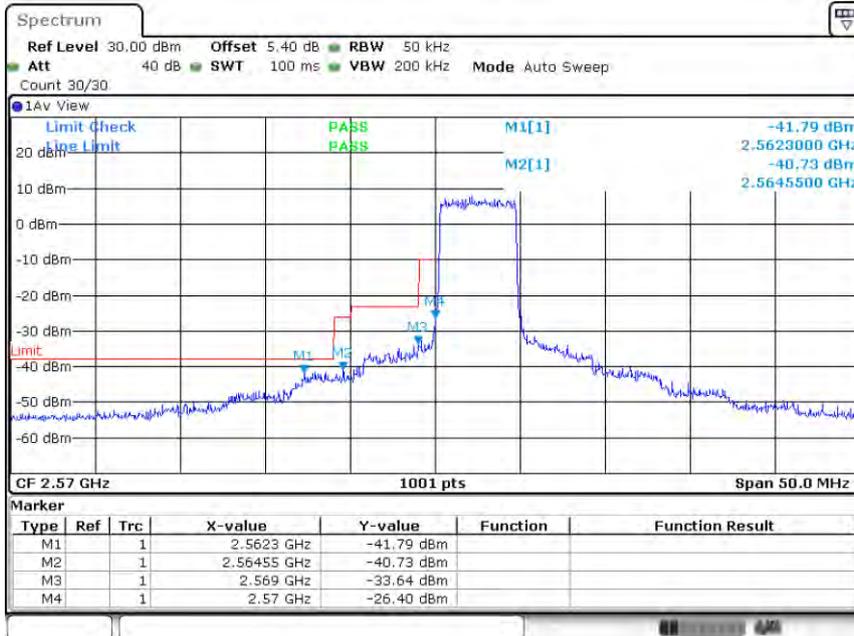
5 Band Edge Compliance

5.1 Test Plots



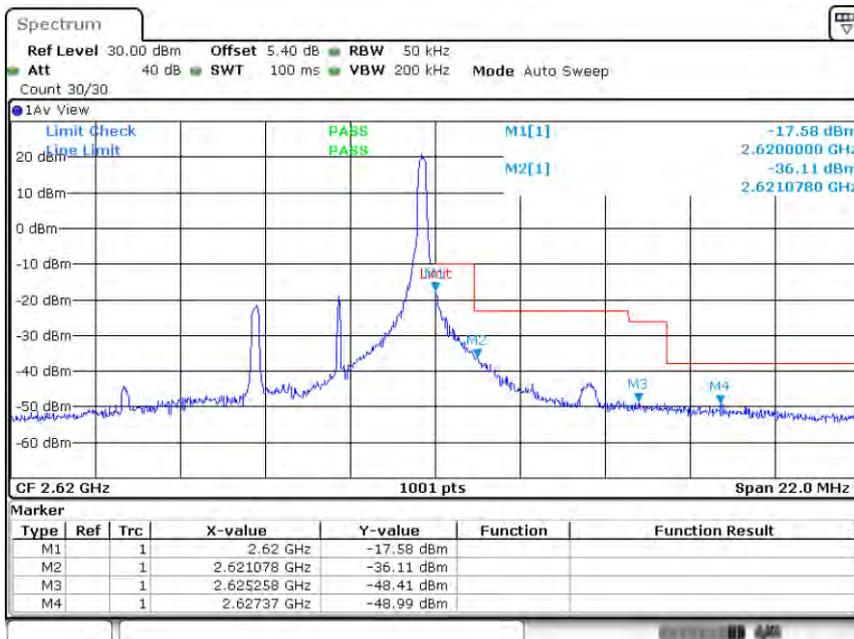
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Band38-5MHz-QPSK-37775-25RB#0



Date: 14.OCT.2020 10:04:36

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



Date: 14.OCT.2020 10:05:54

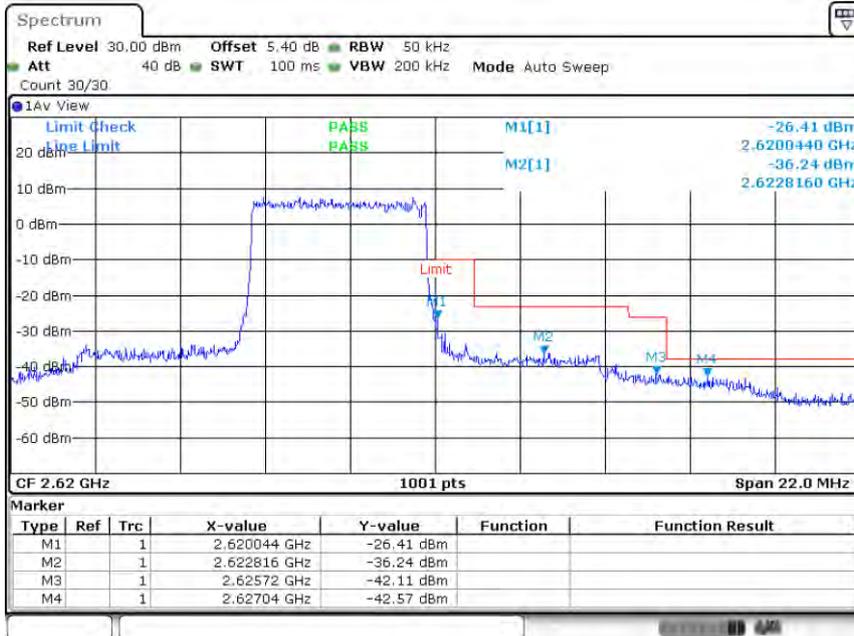


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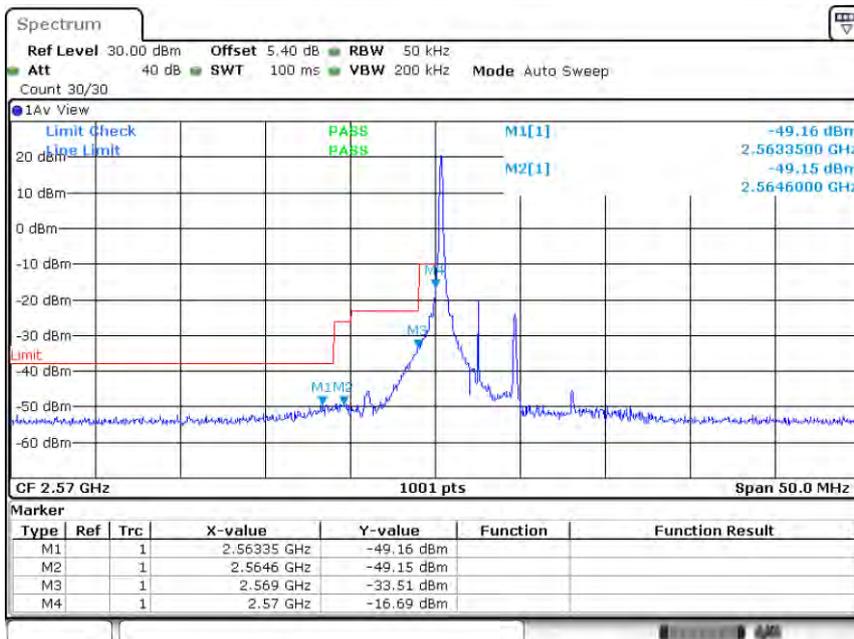
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Band38-5MHz-QPSK-38225-25RB#0



Date: 14.OCT.2020 10:06:32

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



Date: 14.OCT.2020 10:04:11

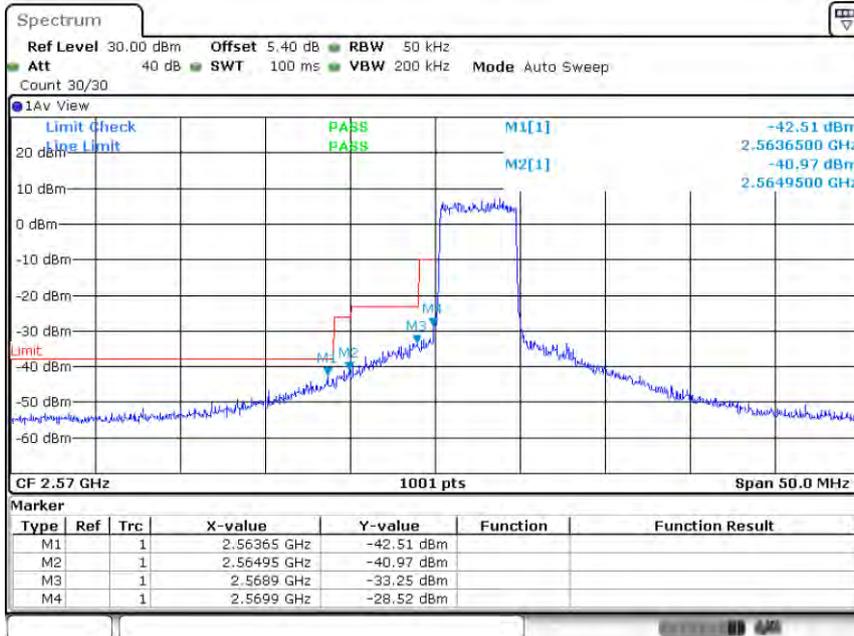


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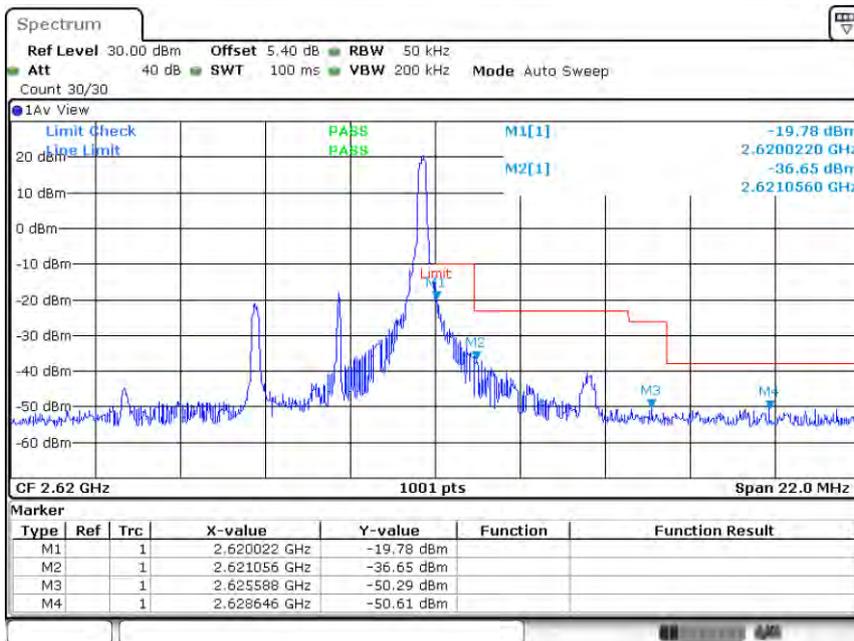
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Band38-5MHz-16QAM-37775-25RB#0



Date: 14.OCT.2020 10:04:54

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



Date: 14.OCT.2020 10:06:13

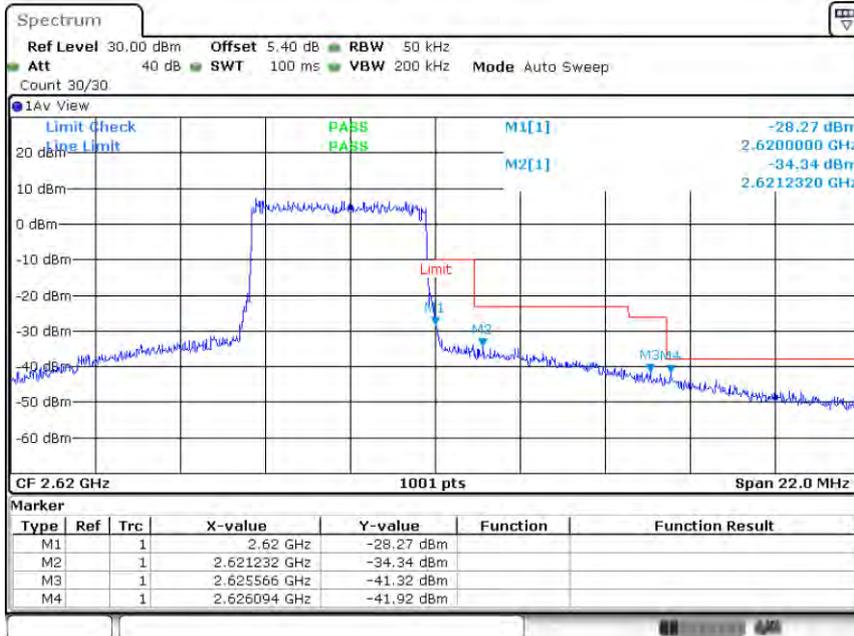


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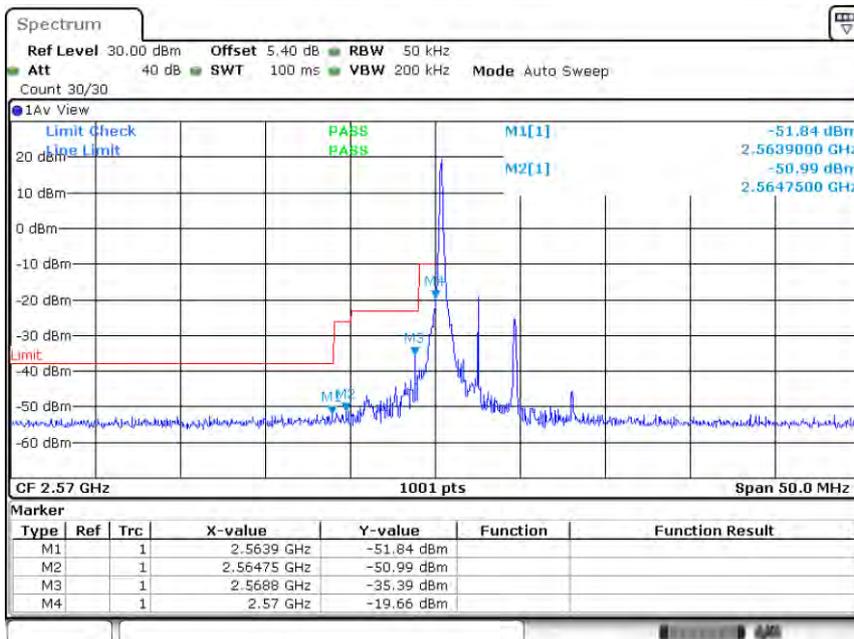
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Band38-5MHz-16QAM-38225-25RB#0



Date: 14.OCT.2020 10:06:50

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



Date: 14.OCT.2020 11:40:23

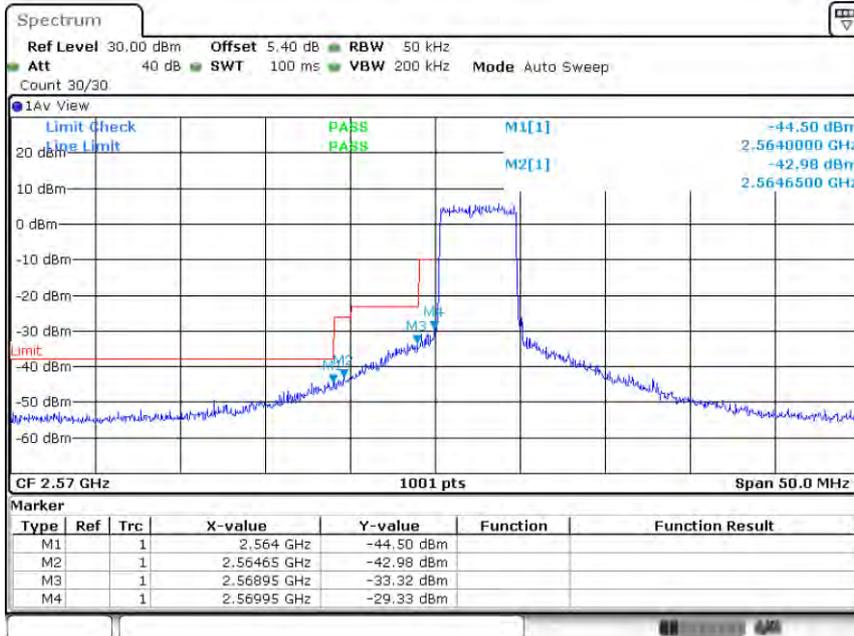


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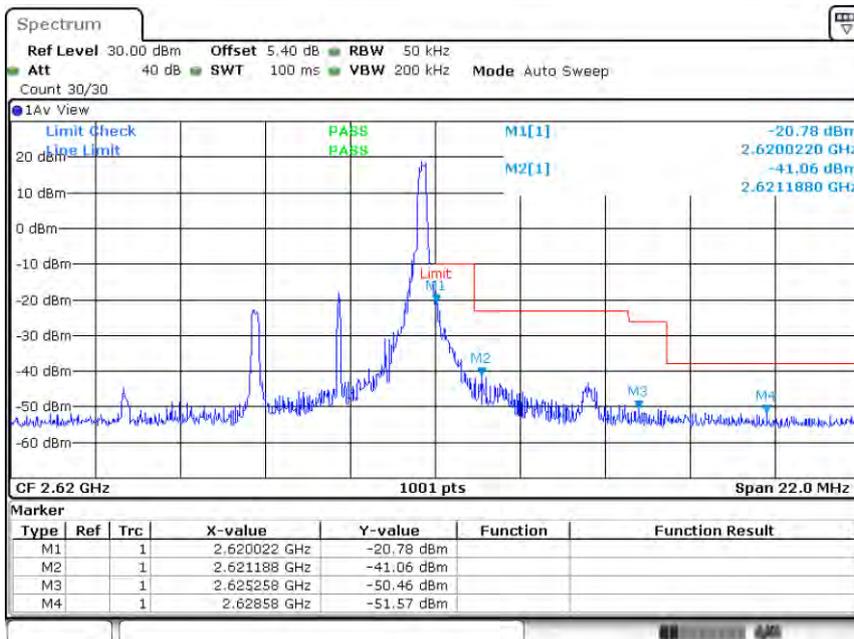
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Band38-5MHz-64QAM-37775-25RB#0



Date: 14.OCT.2020 11:40:42

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

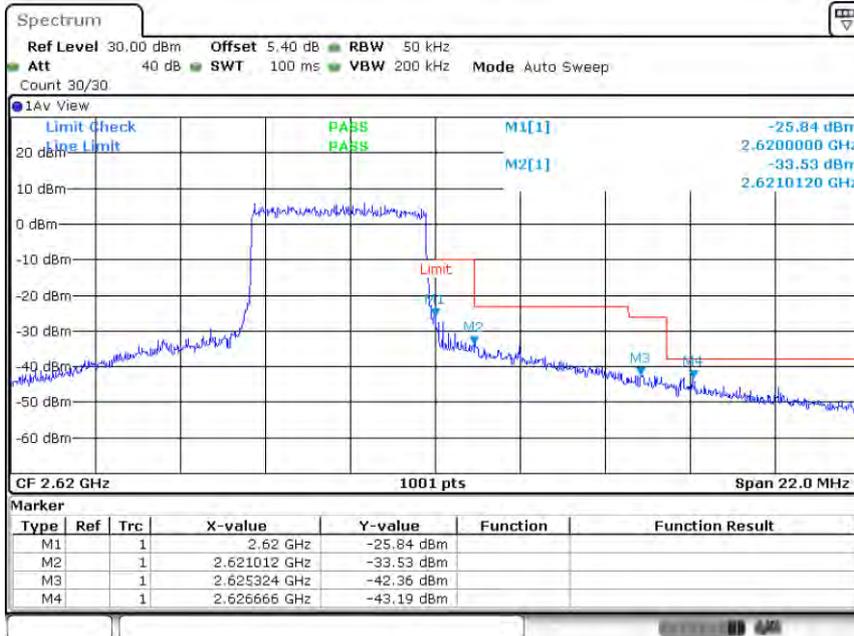


Date: 14.OCT.2020 11:41:09



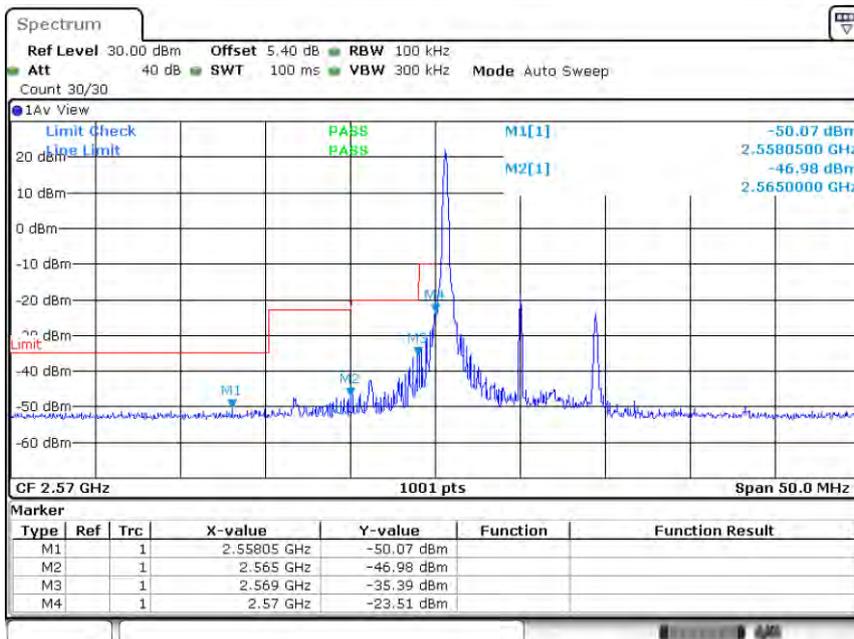
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Band38-5MHz-64QAM-38225-25RB#0



Date: 14.OCT.2020 11:41:28

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



Date: 14.OCT.2020 10:07:18

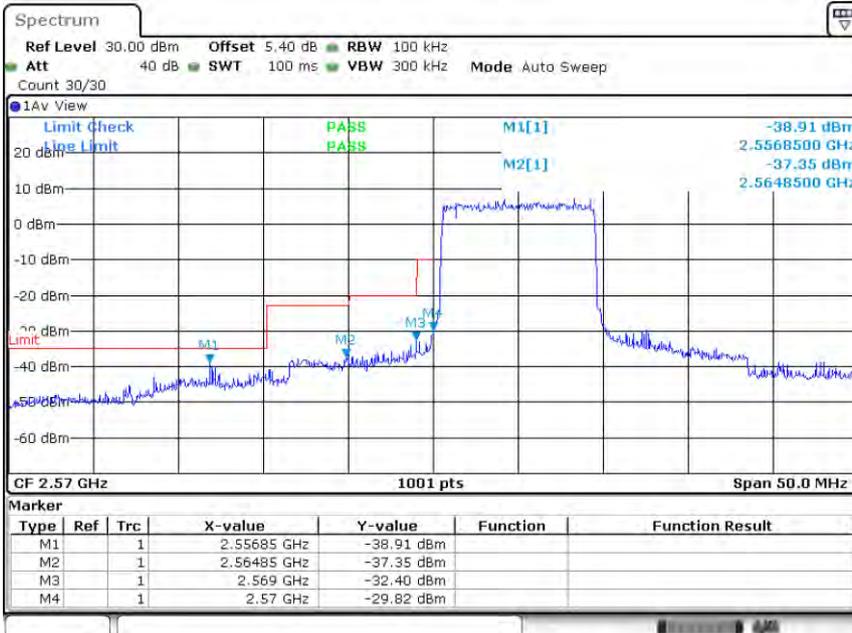


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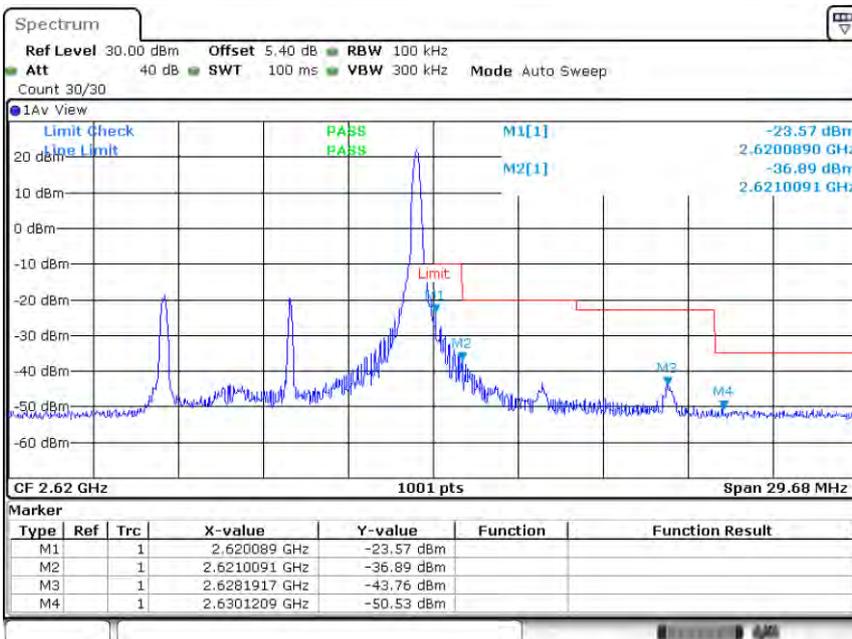
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Band38-10MHz-QPSK-37800-50RB#0



Date: 14.OCT.2020 10:07:56

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



Date: 14.OCT.2020 10:08:41

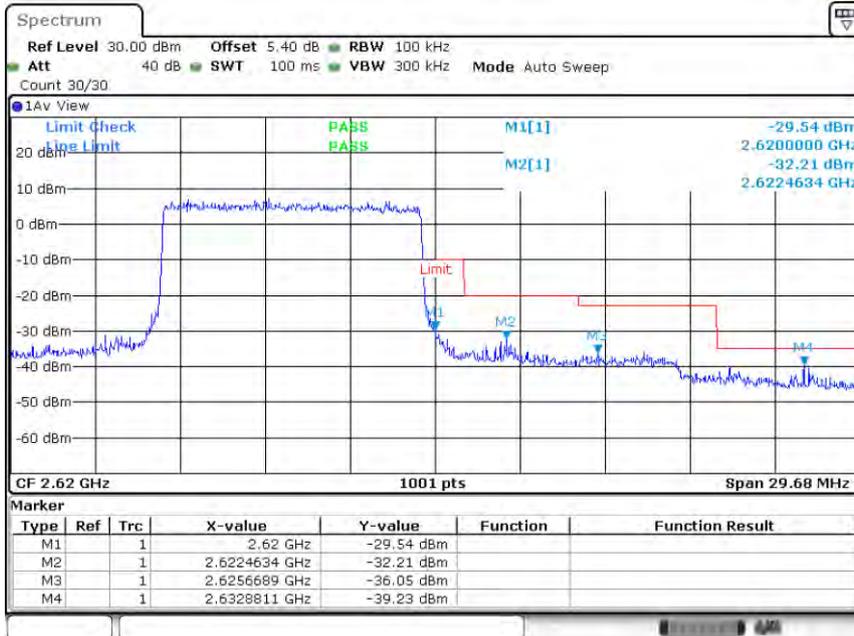


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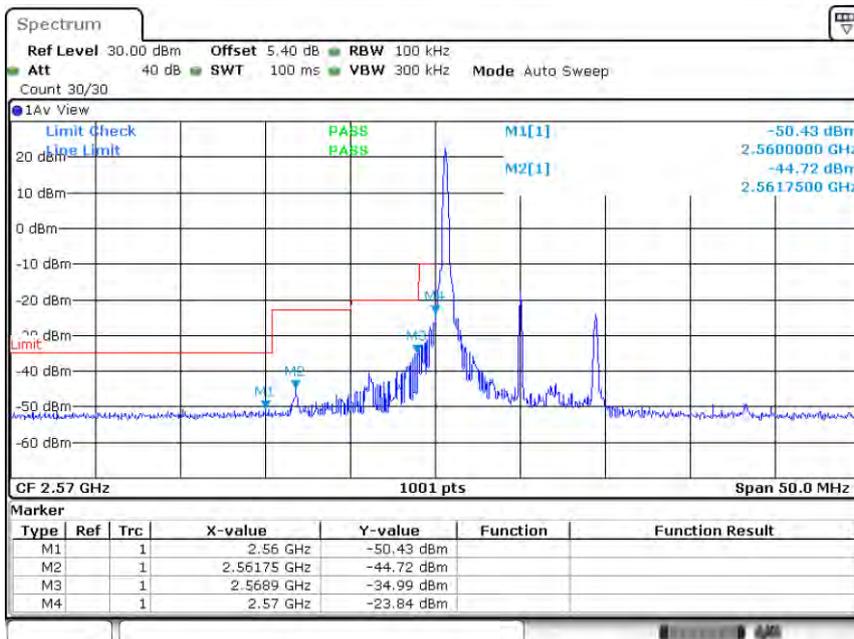
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Band38-10MHz-QPSK-38200-50RB#0



Date: 14.OCT.2020 10:09:18

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



Date: 14.OCT.2020 10:07:37

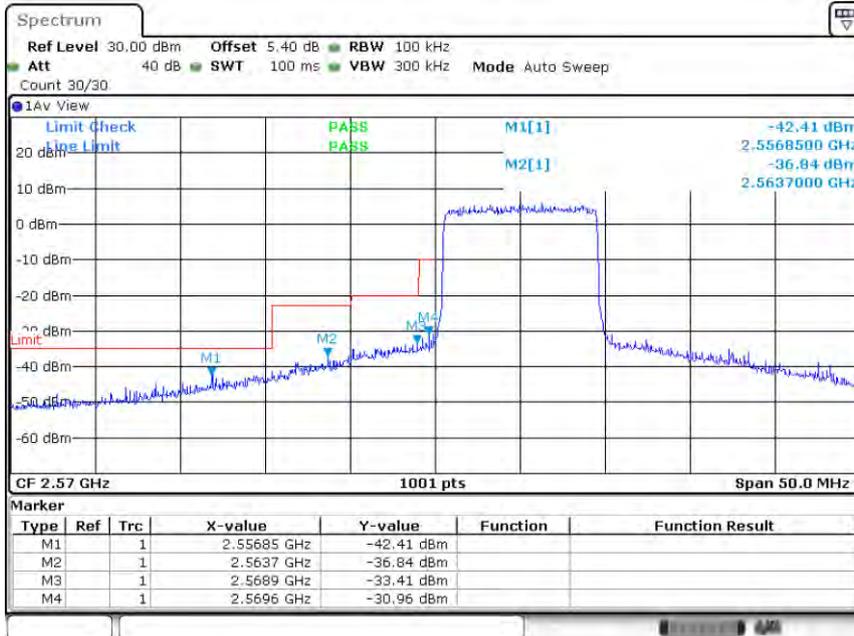


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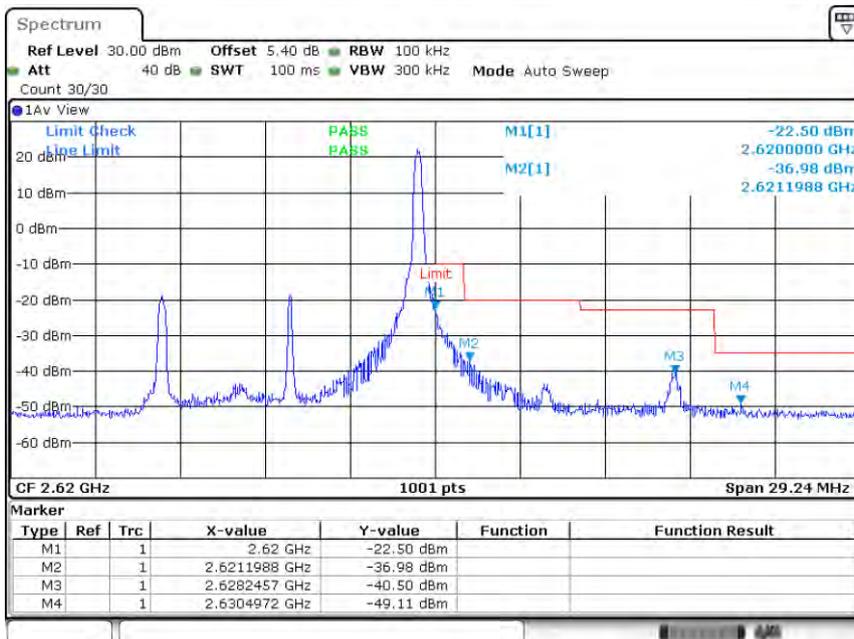
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Band38-10MHz-16QAM-37800-50RB#0



Date: 14.OCT.2020 10:08:15

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



Date: 14.OCT.2020 10:09:00

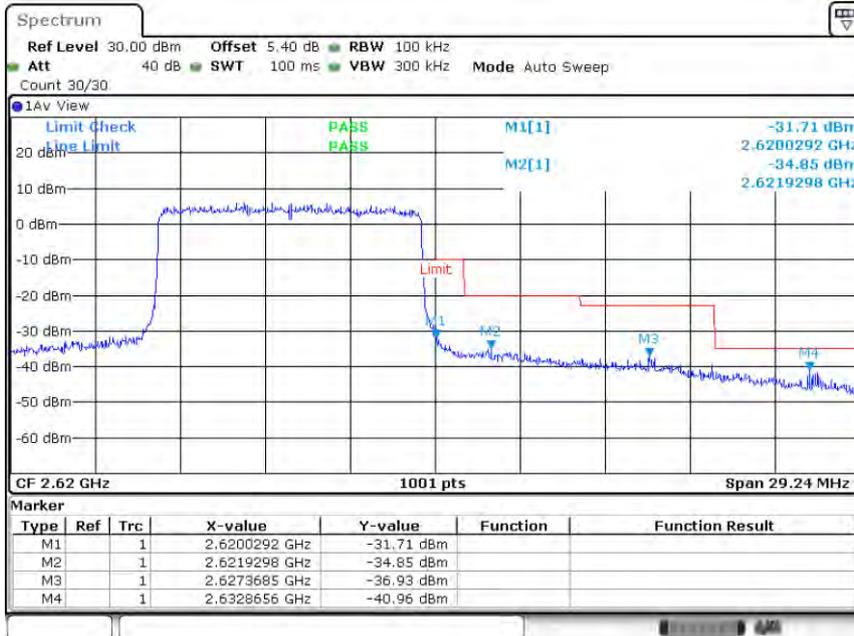


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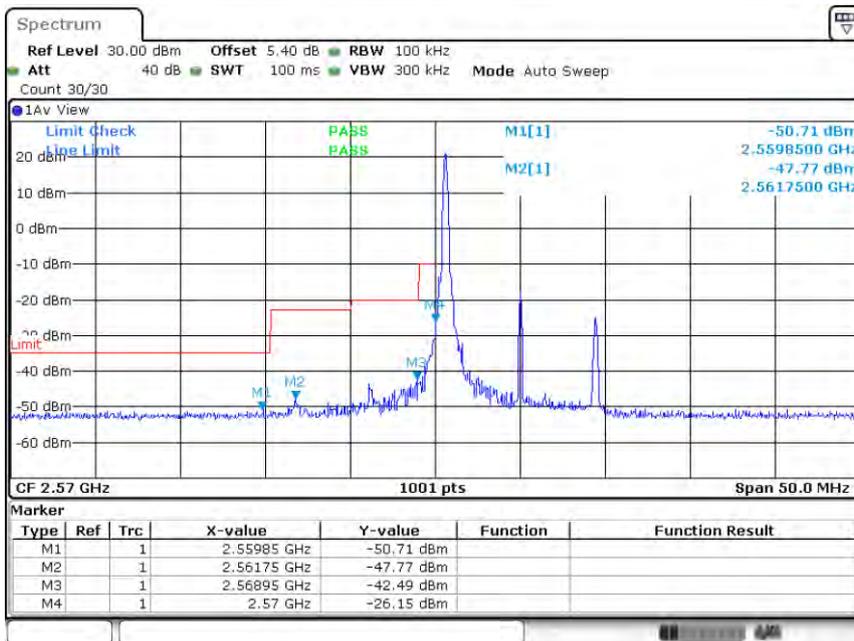
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Band38-10MHz-16QAM-38200-50RB#0



Date: 14.OCT.2020 10:09:37

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



Date: 14.OCT.2020 11:41:57

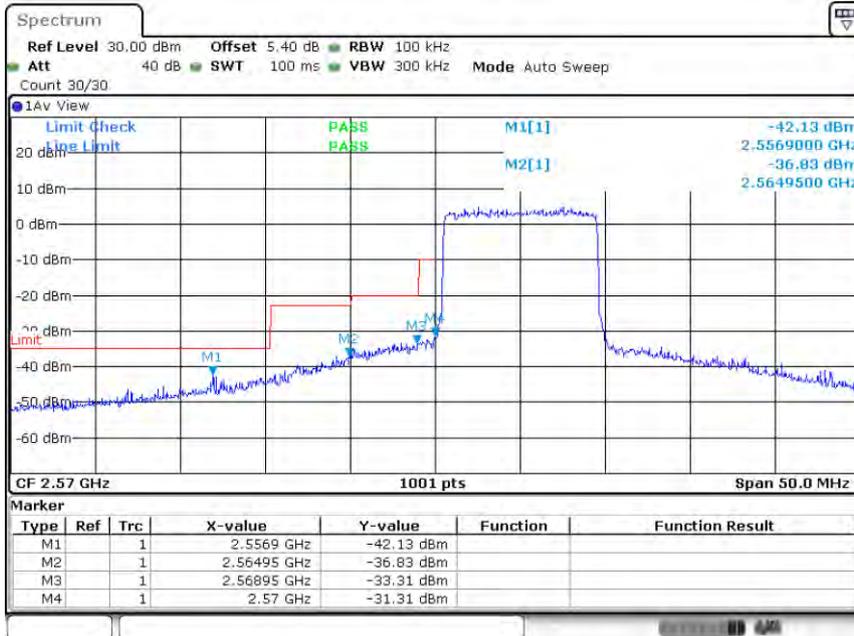


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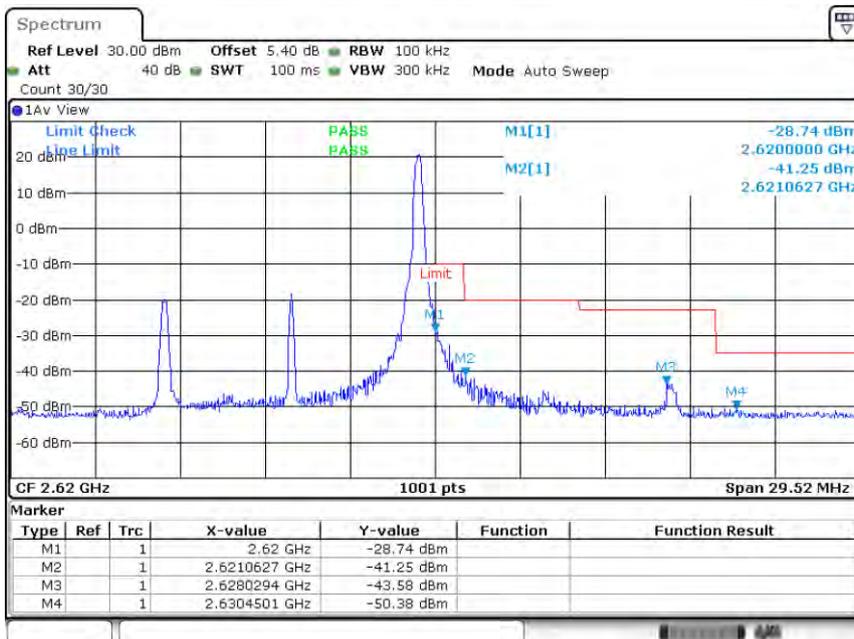
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Band38-10MHz-64QAM-37800-50RB#0



Date: 14.OCT.2020 11:42:15

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



Date: 14.OCT.2020 11:42:43

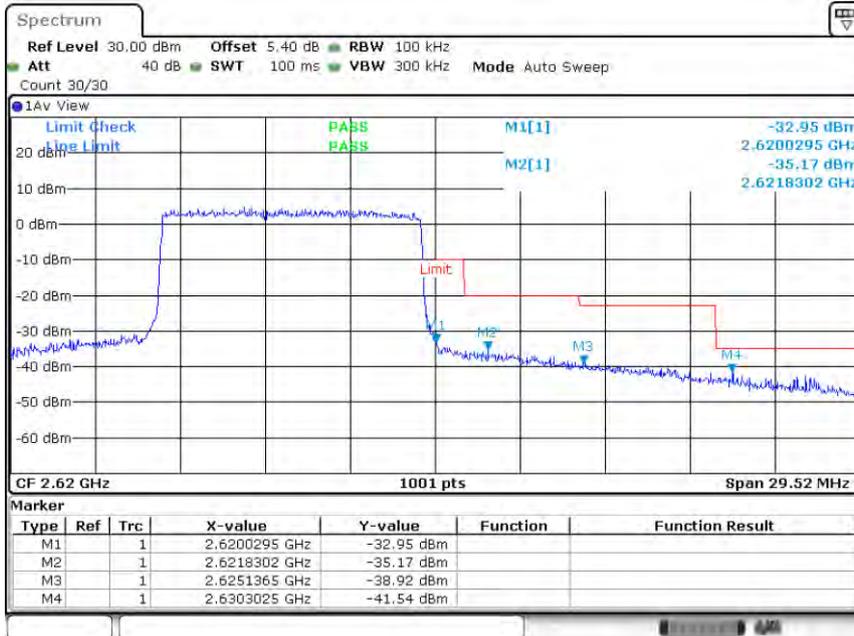


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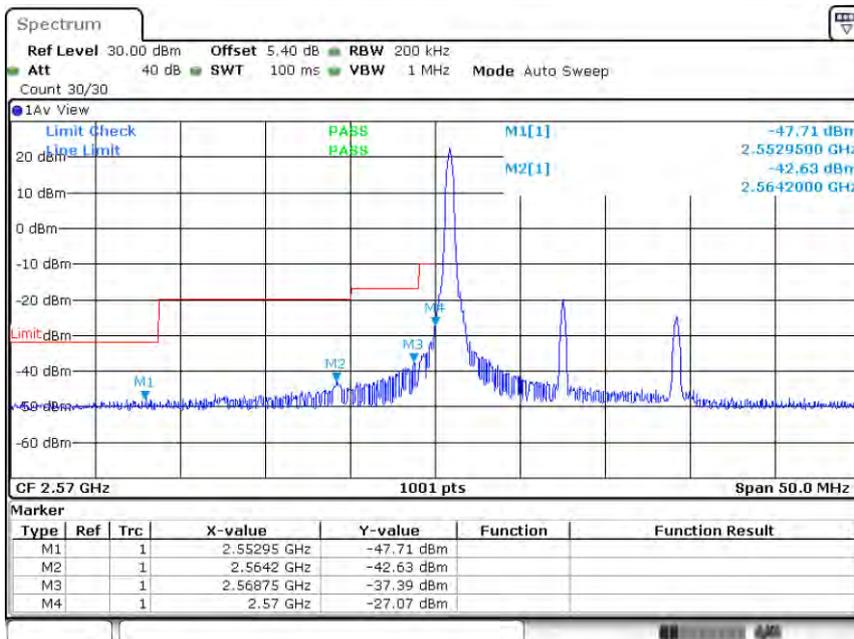
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Band38-10MHz-64QAM-38200-50RB#0



Date: 14.OCT.2020 11:43:02

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

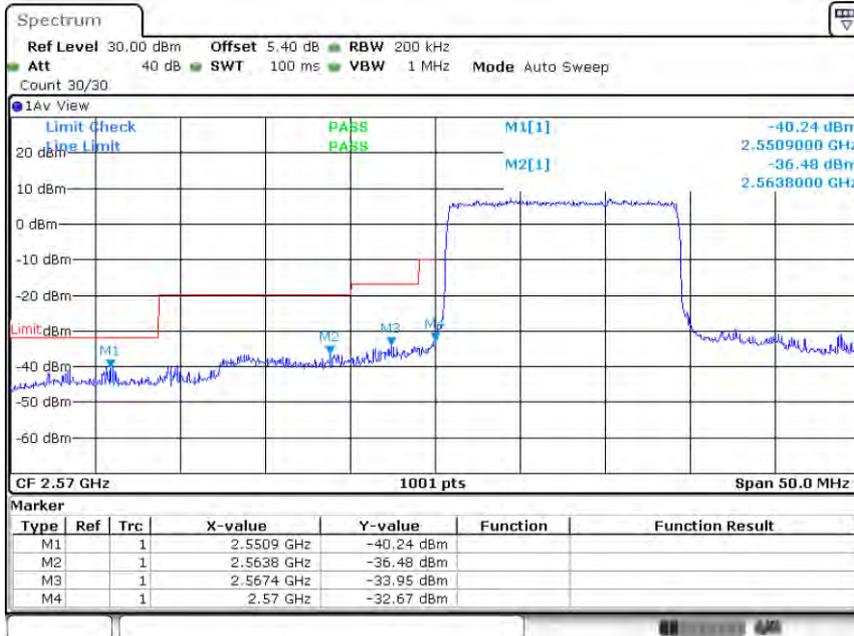


Date: 14.OCT.2020 10:10:05



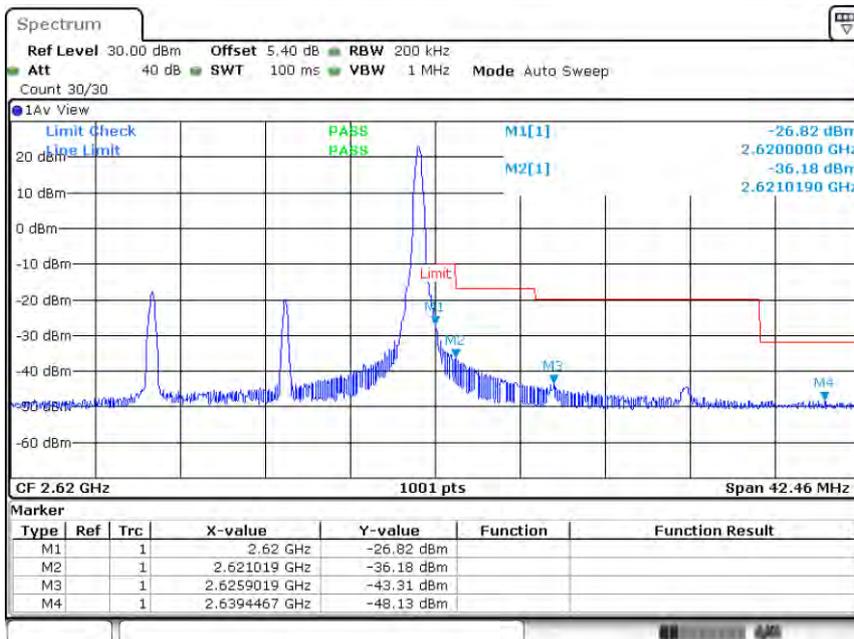
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Band38-15MHz-QPSK-37825-75RB#0



Date: 14.OCT.2020 10:10:43

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



Date: 14.OCT.2020 10:11:28

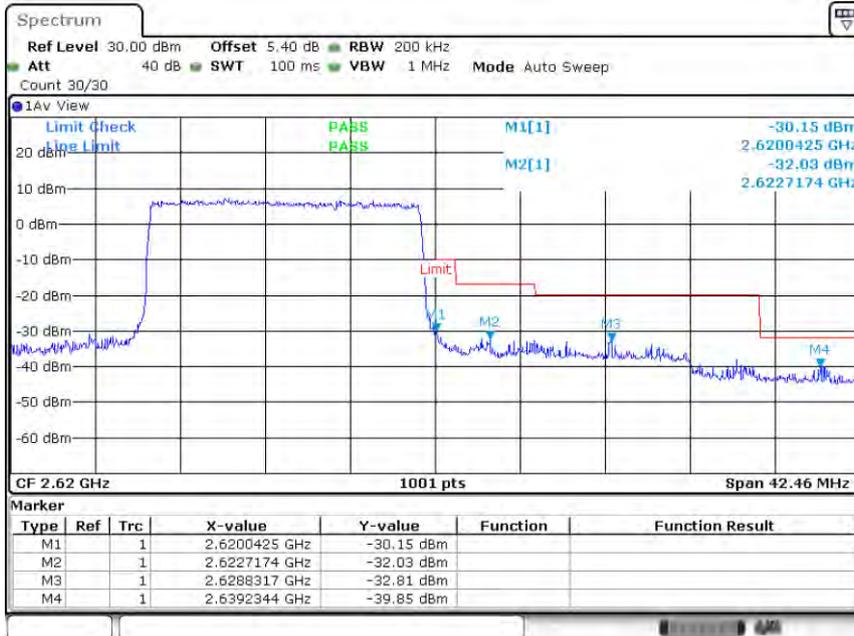


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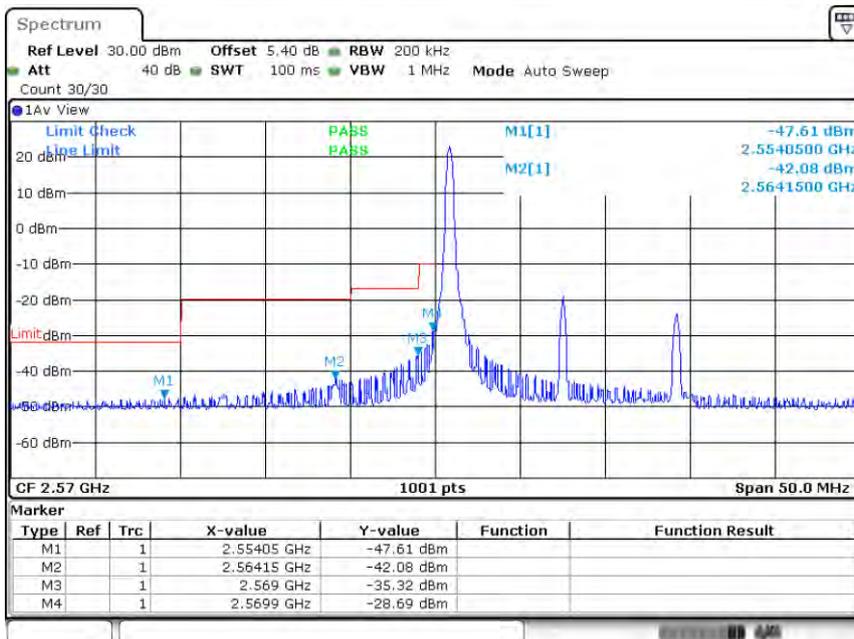
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Band38-15MHz-QPSK-38175-75RB#0



Date: 14.OCT.2020 10:12:05

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

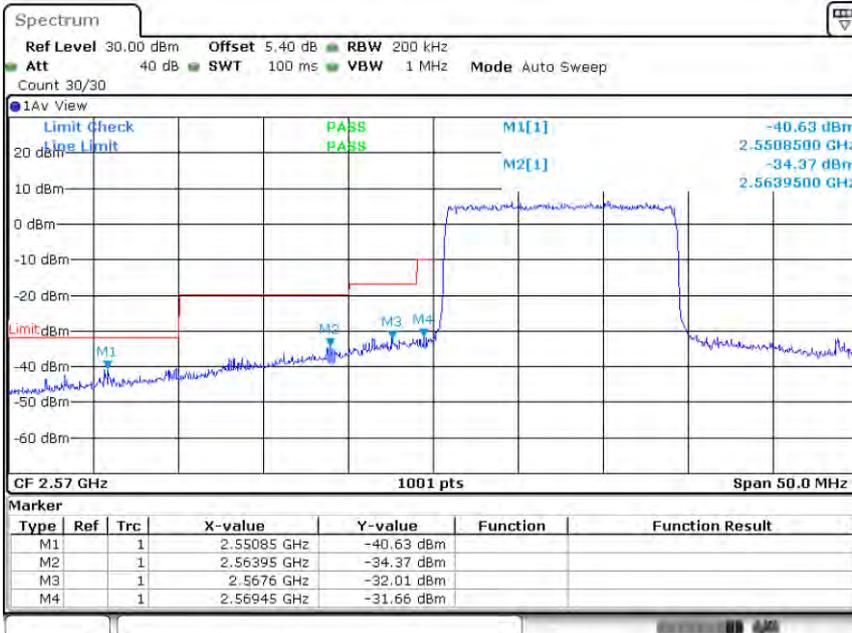


Date: 14.OCT.2020 10:10:24



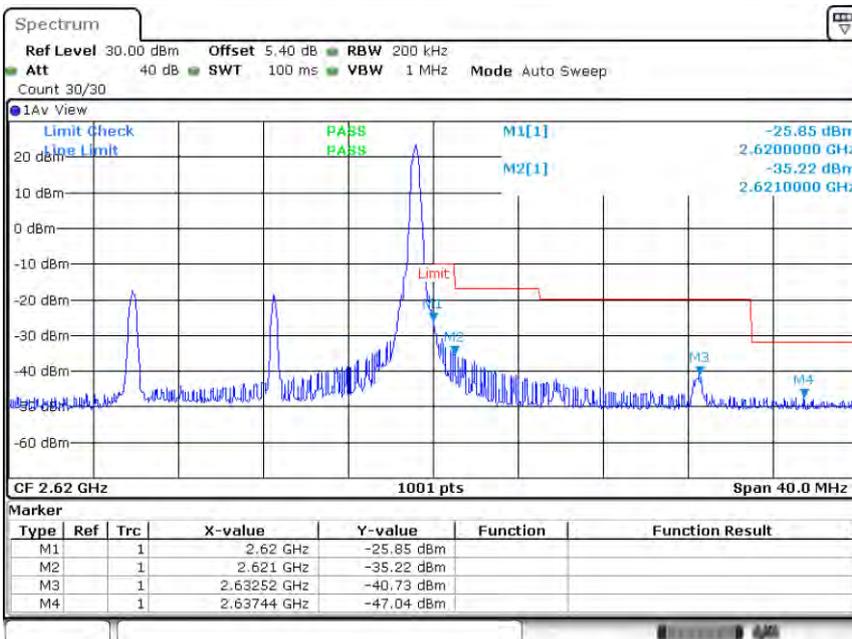
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Band38-15MHz-16QAM-37825-75RB#0



Date: 14.OCT.2020 10:11:01

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



Date: 14.OCT.2020 10:11:47

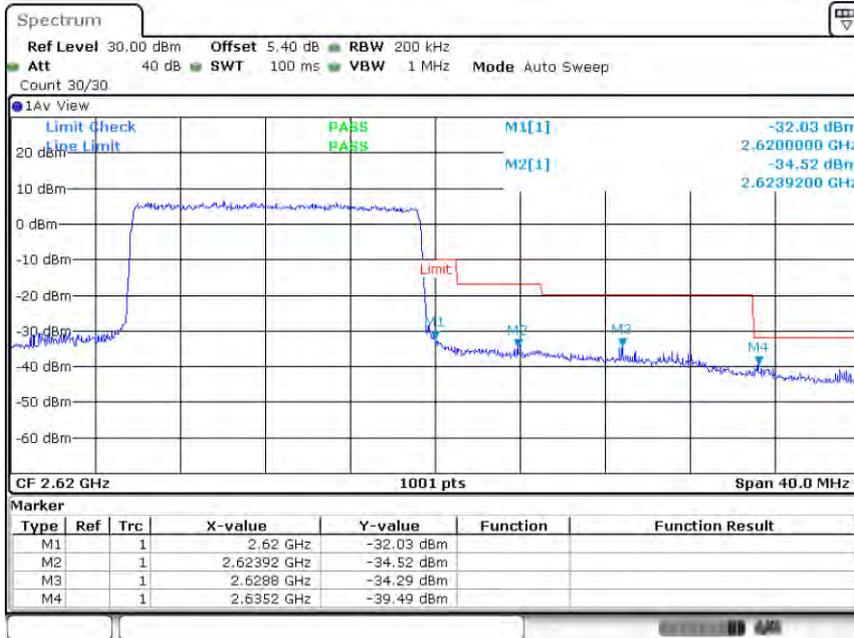


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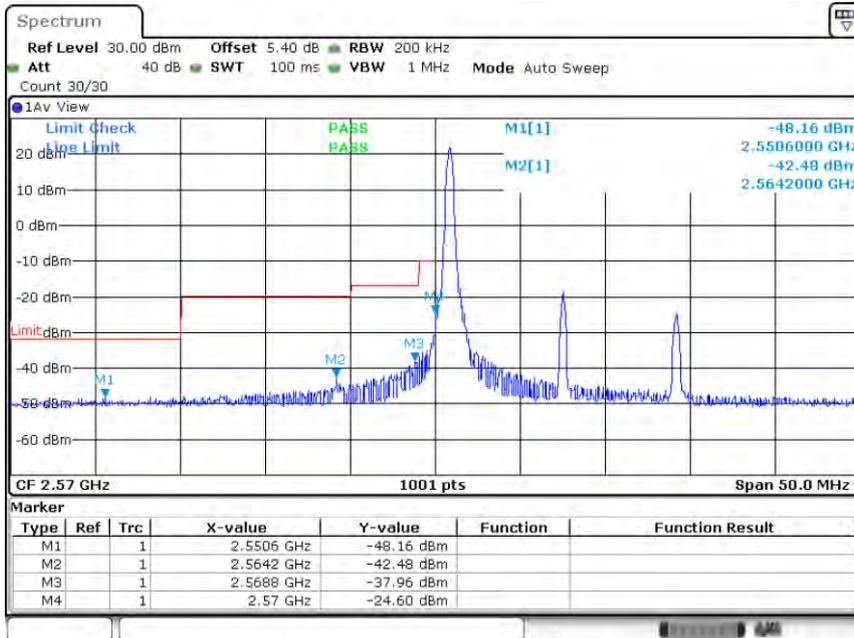
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Band38-15MHz-16QAM-38175-75RB#0



Date: 14.OCT.2020 10:12:24

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



Date: 14.OCT.2020 11:43:31

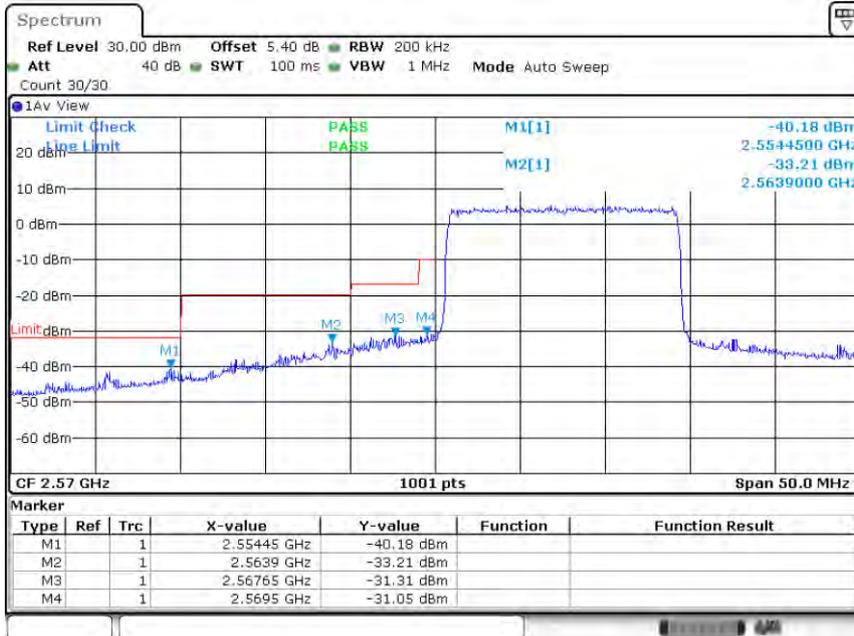


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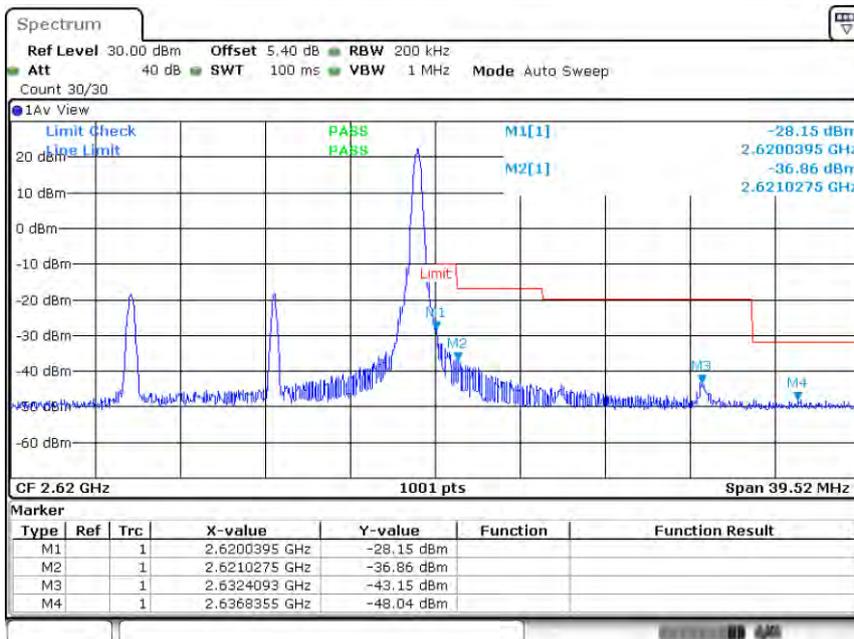
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Band38-15MHz-64QAM-37825-75RB#0



Date: 14.OCT.2020 11:43:49

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



Date: 14.OCT.2020 11:44:17

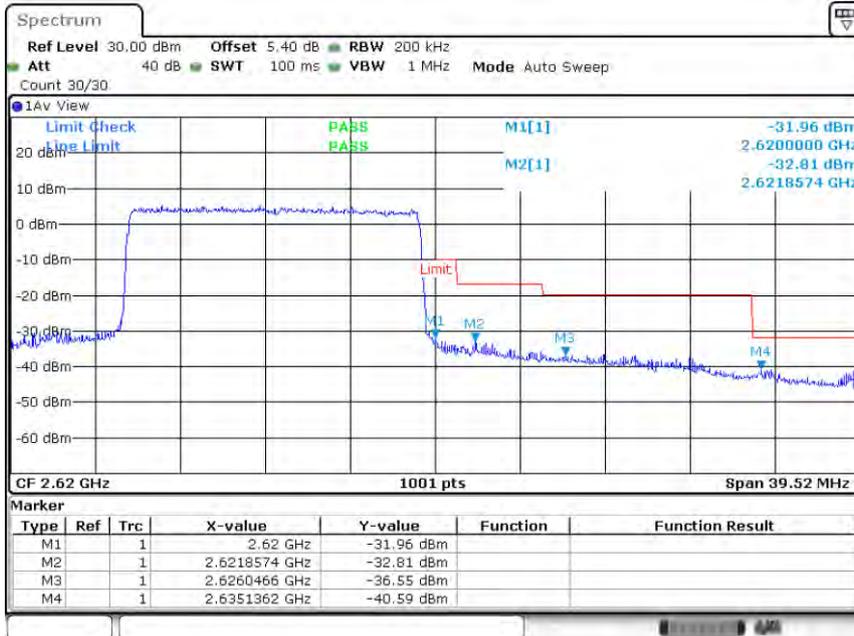


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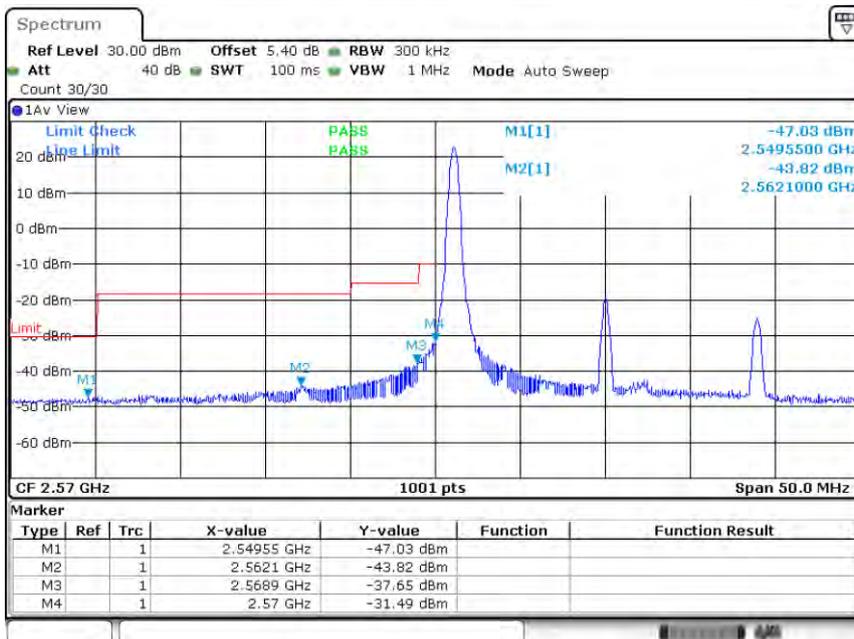
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Band38-15MHz-64QAM-38175-75RB#0



Date: 14.OCT.2020 11:44:36

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



Date: 14.OCT.2020 10:12:52

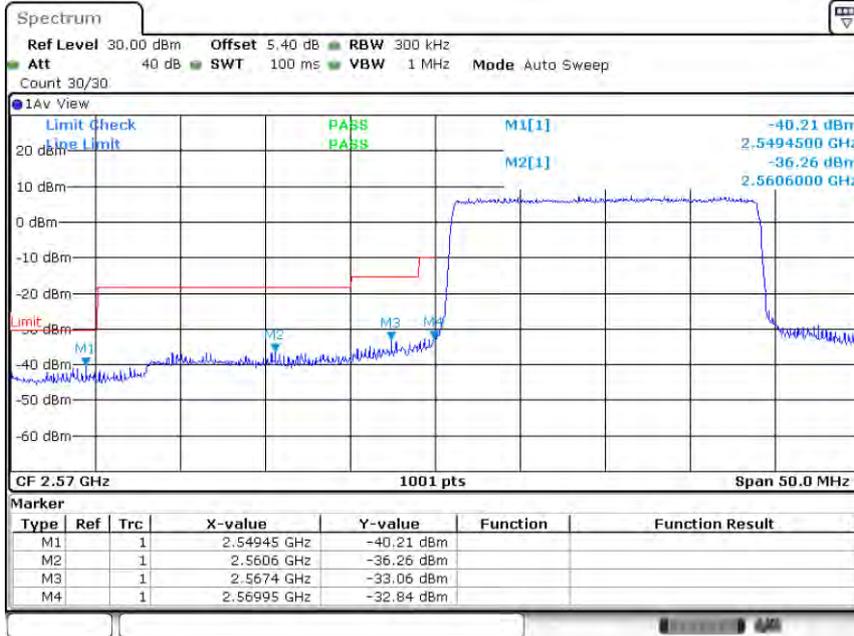


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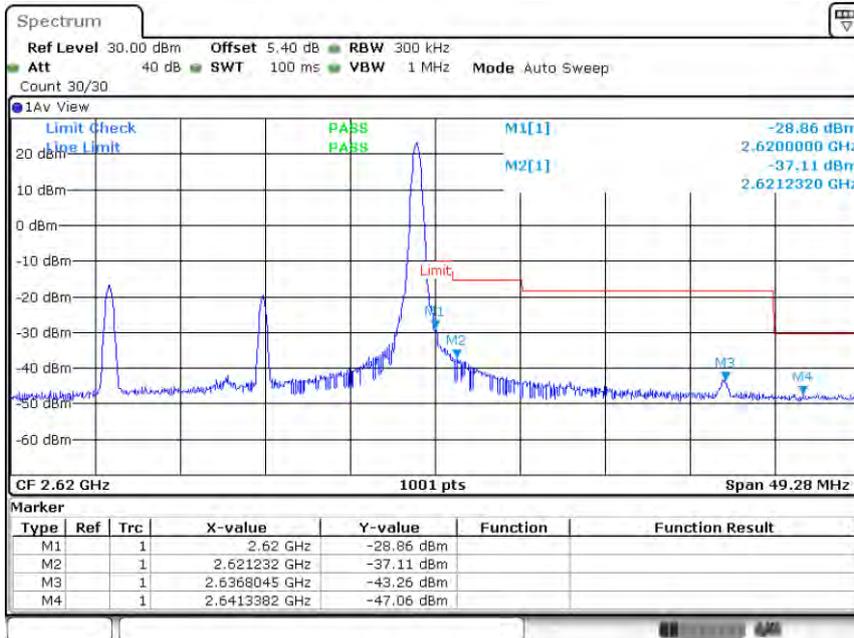
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Band38-20MHz-QPSK-37850-100RB#0



Date: 14.OCT.2020 10:13:29

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



Date: 14.OCT.2020 10:14:15



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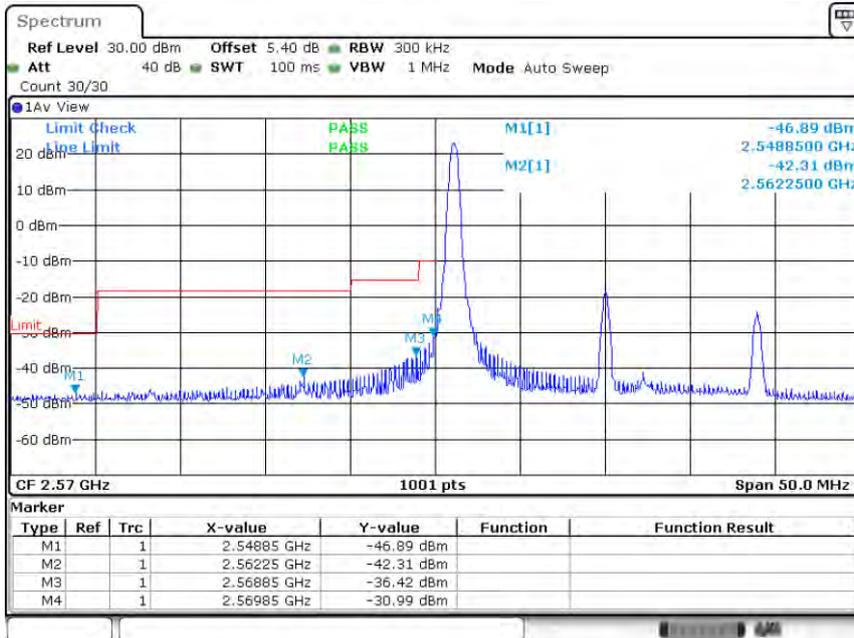
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Band38-20MHz-QPSK-38150-100RB#0



Date: 14.OCT.2020 10:14:52

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

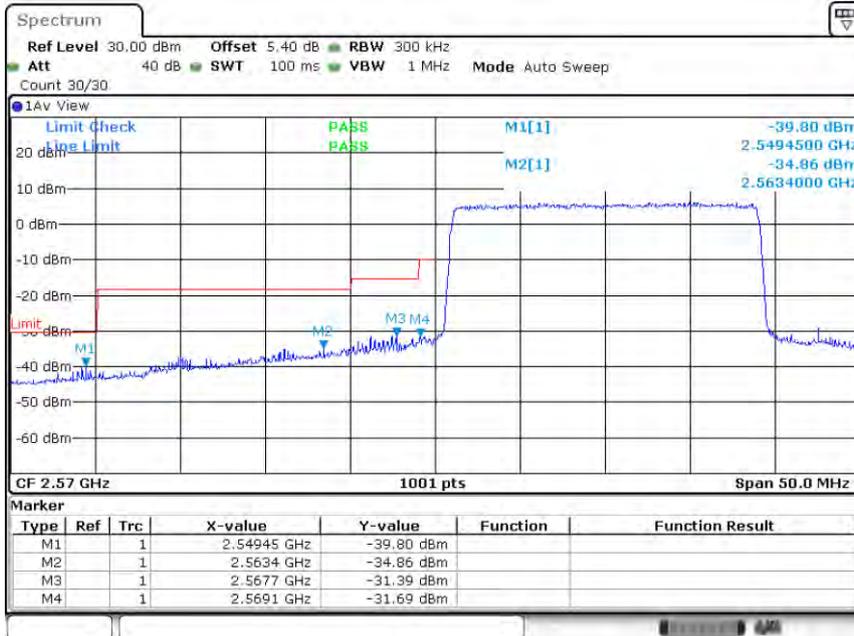


Date: 14.OCT.2020 10:13:11



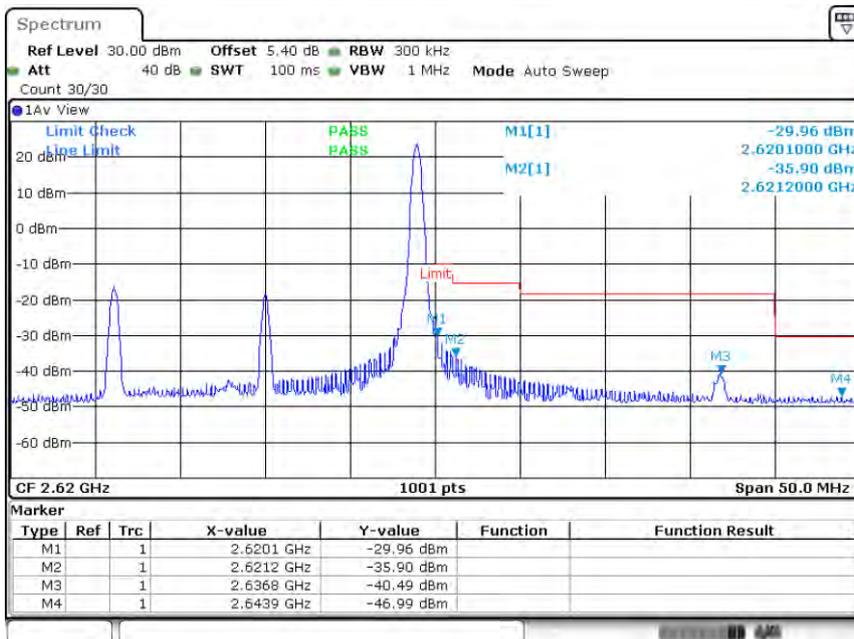
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Band38-20MHz-16QAM-37850-100RB#0



Date: 14.OCT.2020 10:13:48

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



Date: 14.OCT.2020 10:14:33



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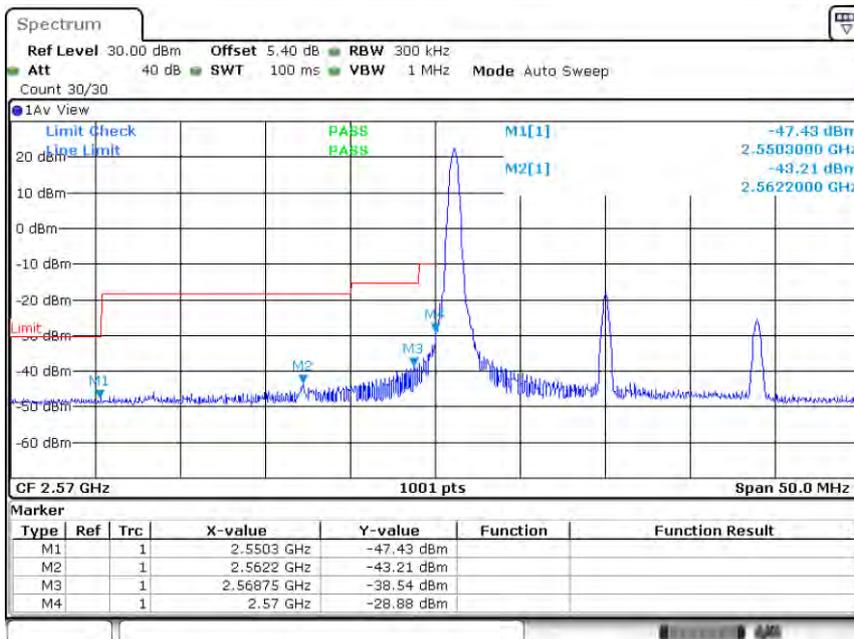
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Band38-20MHz-16QAM-38150-100RB#0



Date: 14.OCT.2020 10:15:11

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

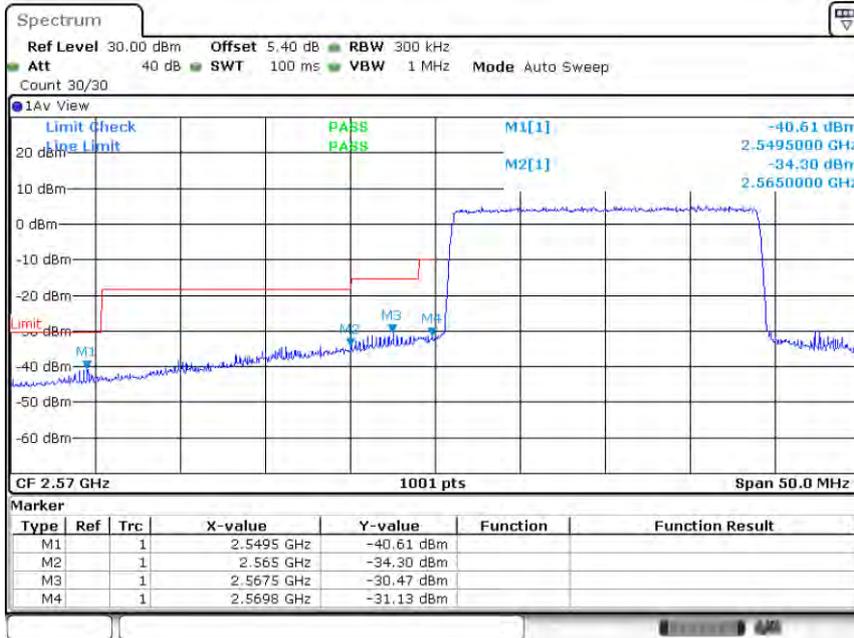


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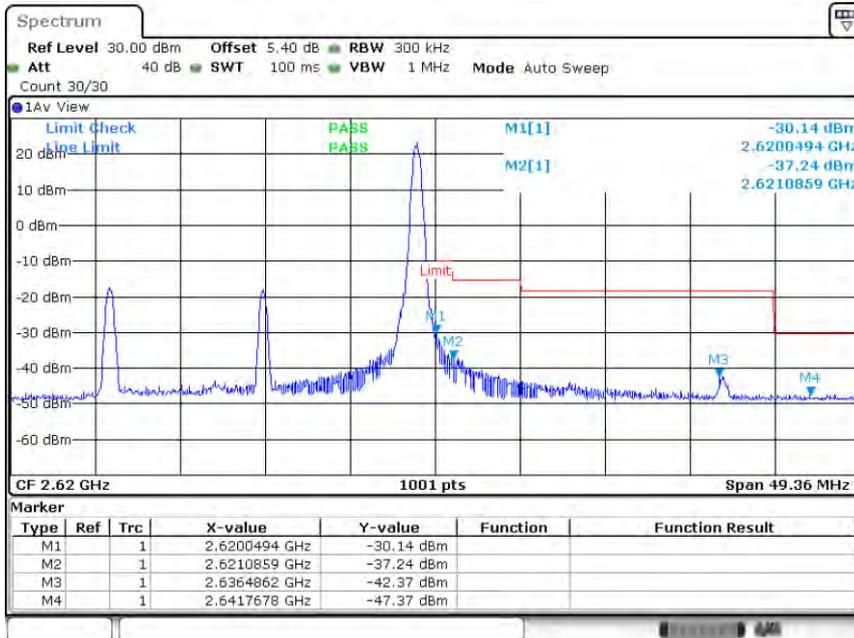
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Band38-20MHz-64QAM-37850-100RB#0



Date: 14.OCT.2020 11:45:23

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



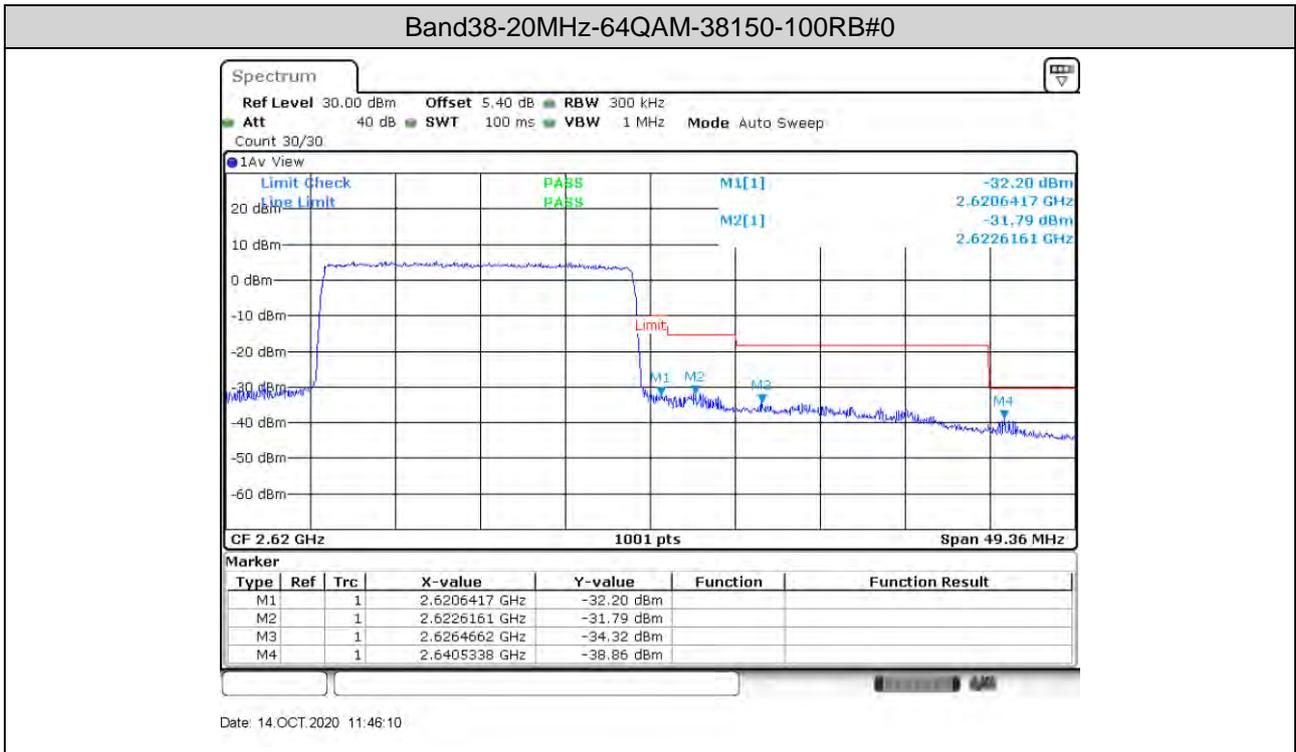
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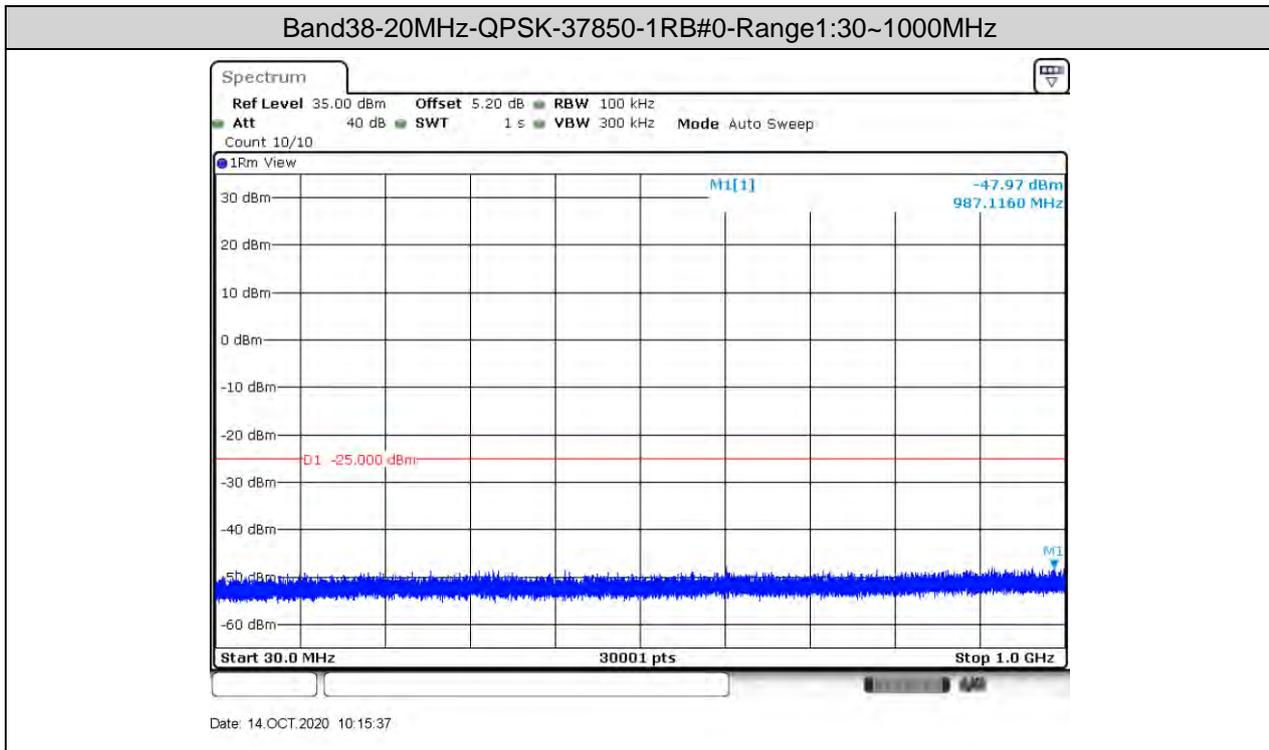
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6 Spurious Emission at Antenna Terminal

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.

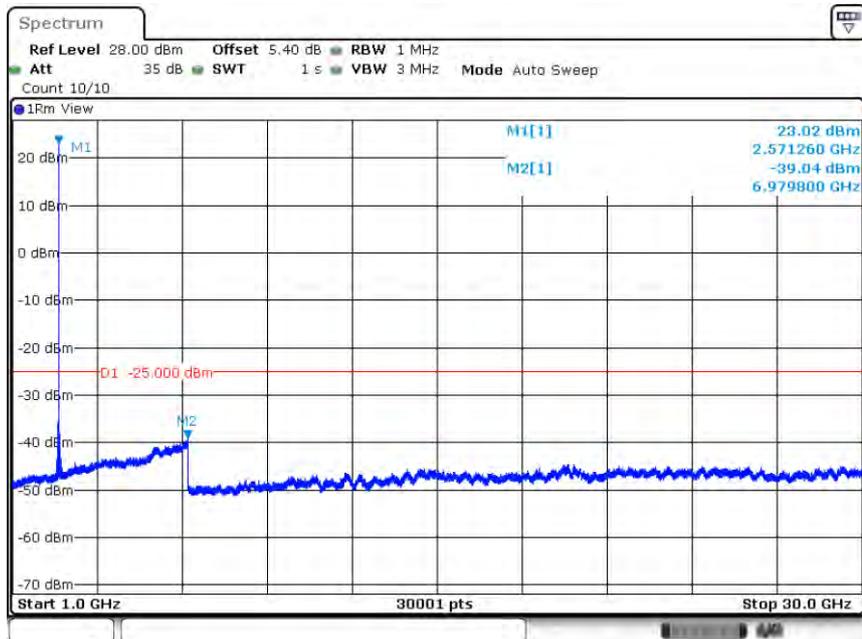
Remark2: only the worst case data displayed in this report.

6.1 Test Plots



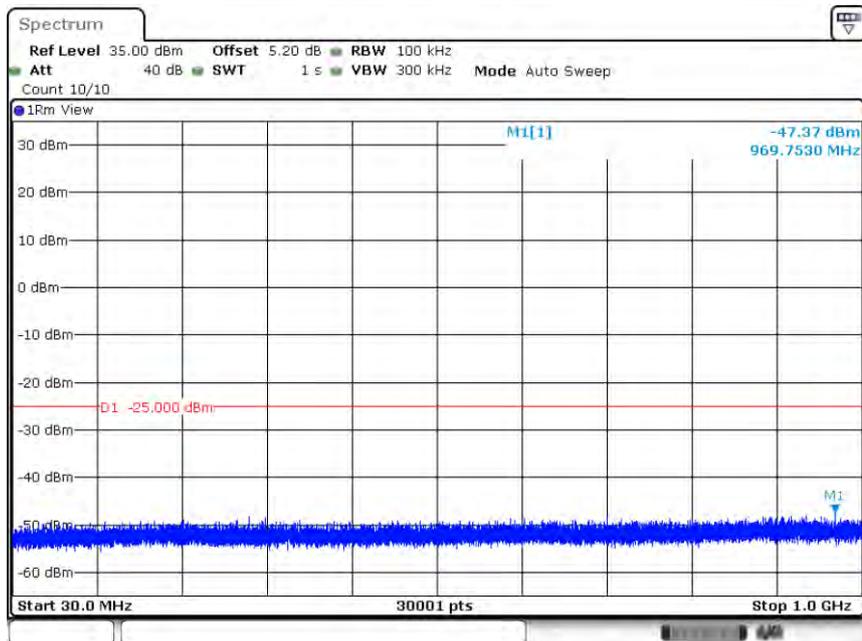
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Band38-20MHz-QPSK-37850-1RB#0-Range2:1000~30000MHz



Date: 14.OCT.2020 10:15:54

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

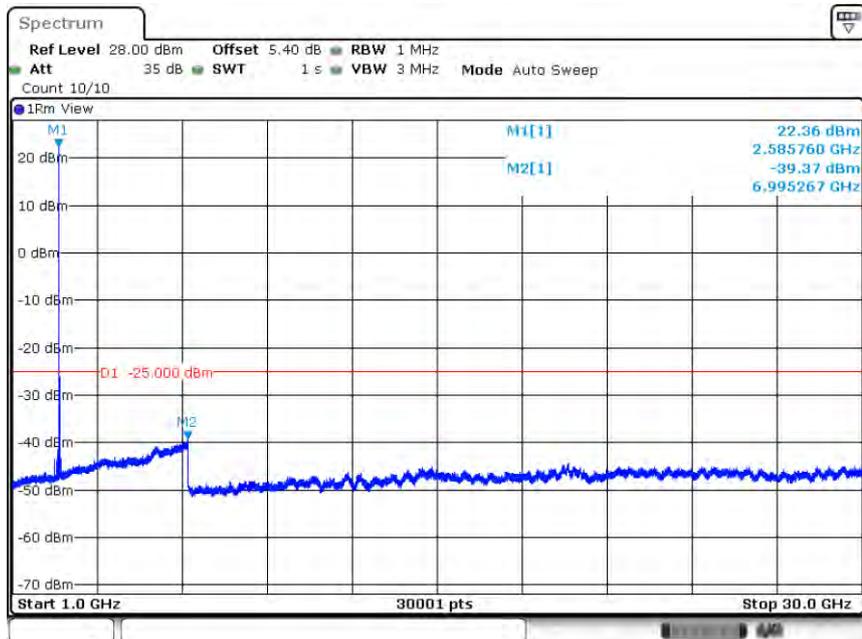


Date: 14.OCT.2020 10:16:57



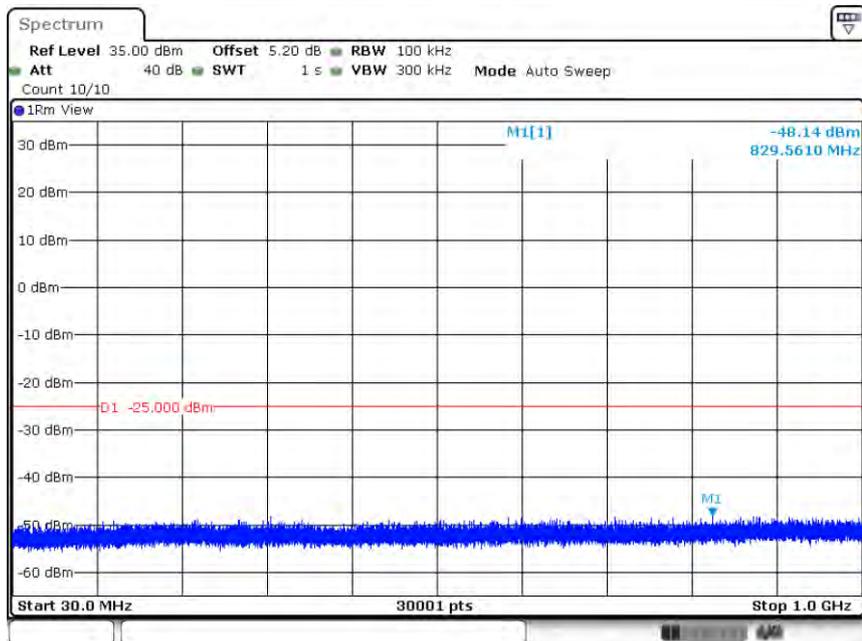
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Band38-20MHz-QPSK-38000-1RB#0-Range2:1000~30000MHz



Date: 14.OCT.2020 10:17:14

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

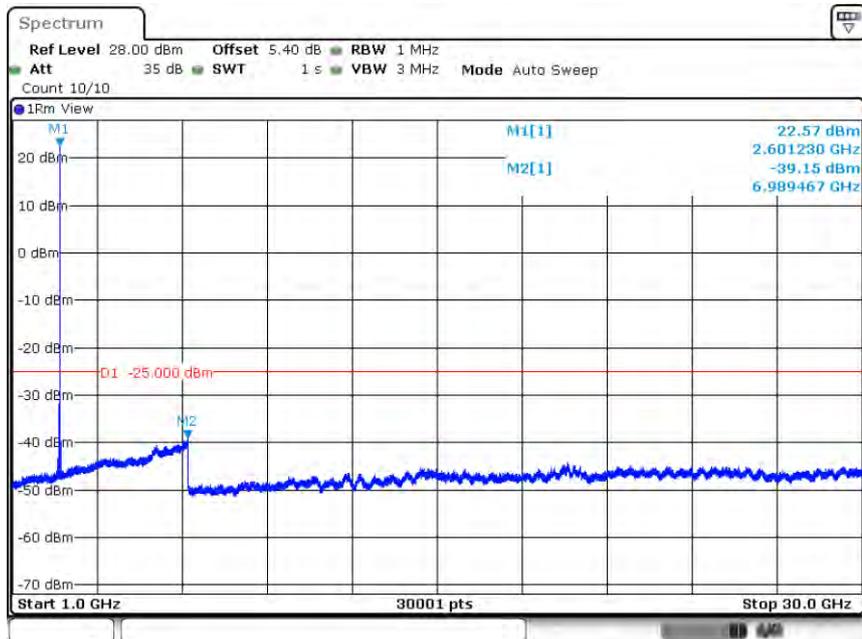


Date: 14.OCT.2020 10:18:15



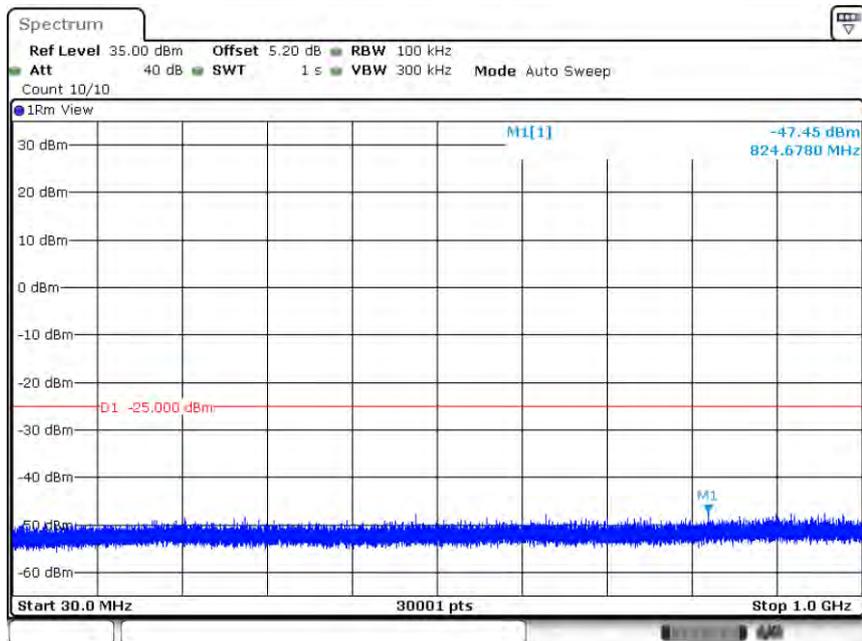
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Band38-20MHz-QPSK-38150-1RB#0-Range2:1000~30000MHz



Date: 14.OCT.2020 10:18:32

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



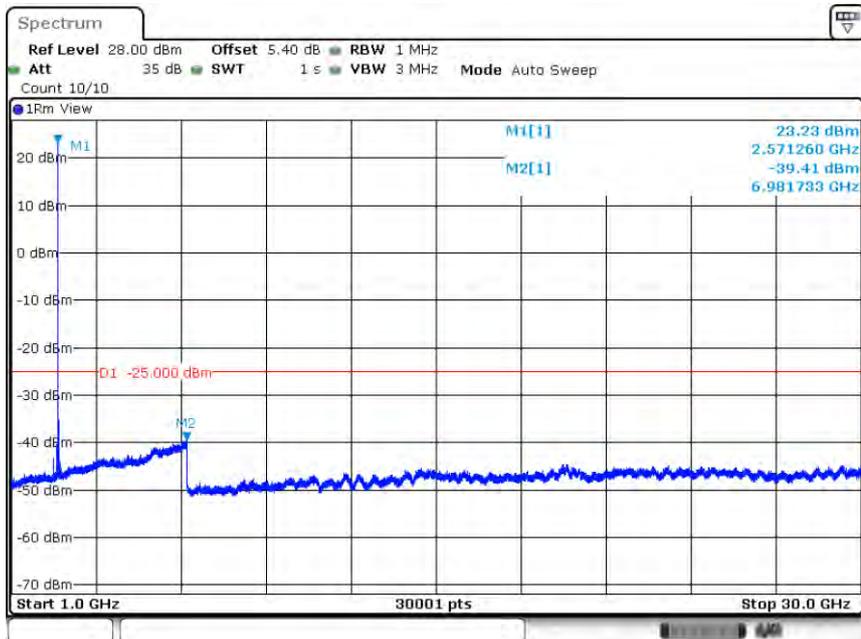
Date: 14.OCT.2020 10:16:17



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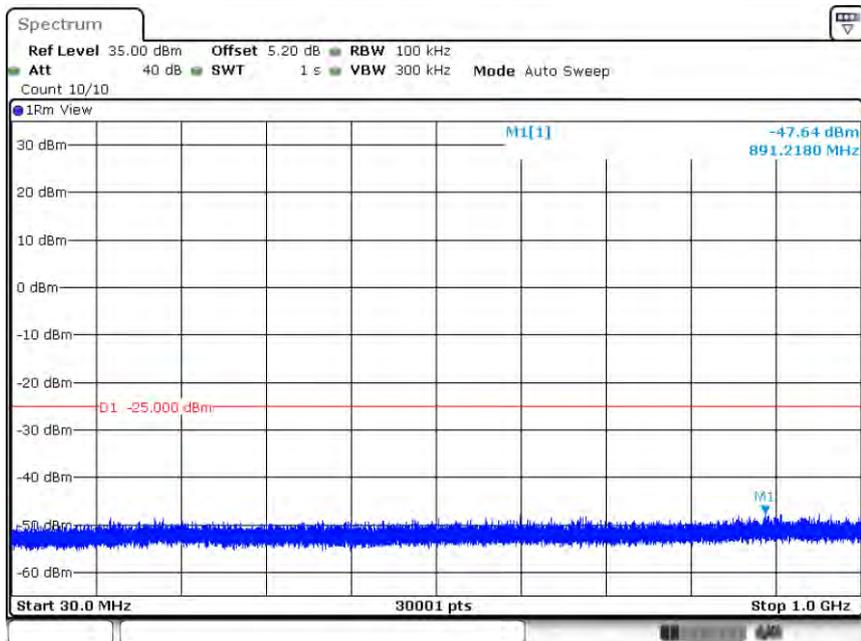
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Band38-20MHz-16QAM-37850-1RB#0-Range2:1000~30000MHz



Date: 14.OCT.2020 10:16:34

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

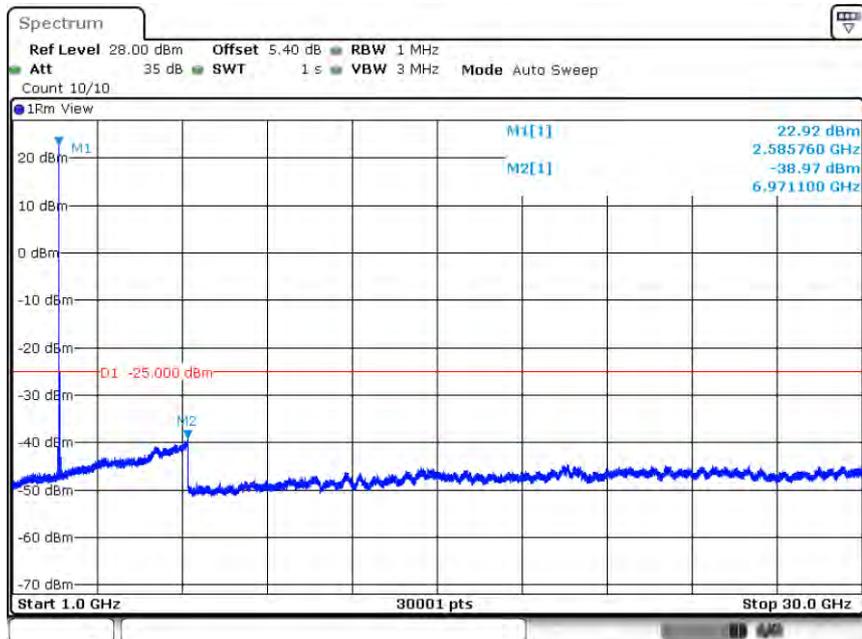


Date: 14.OCT.2020 10:17:36



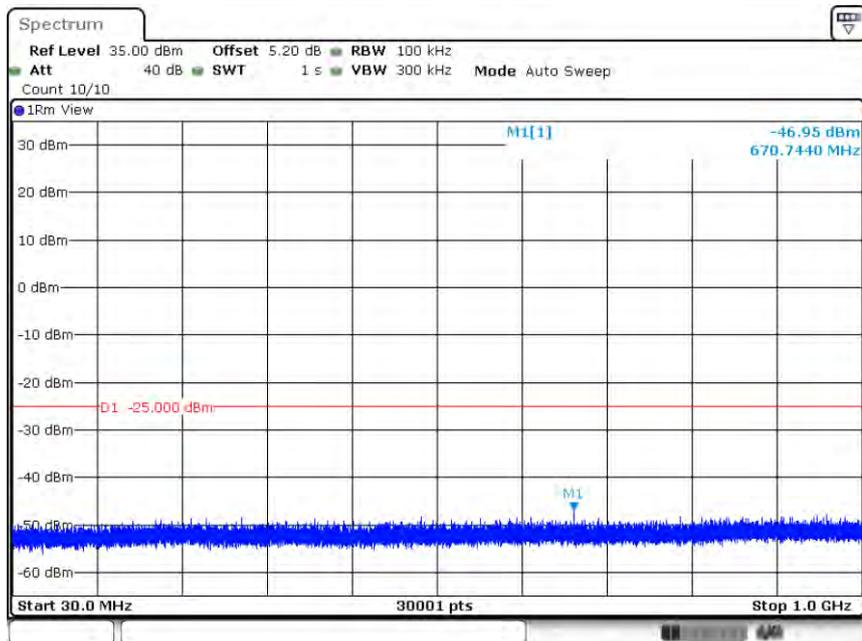
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Band38-20MHz-16QAM-38000-1RB#0-Range2:1000~30000MHz



Date: 14.OCT.2020 10:17:53

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

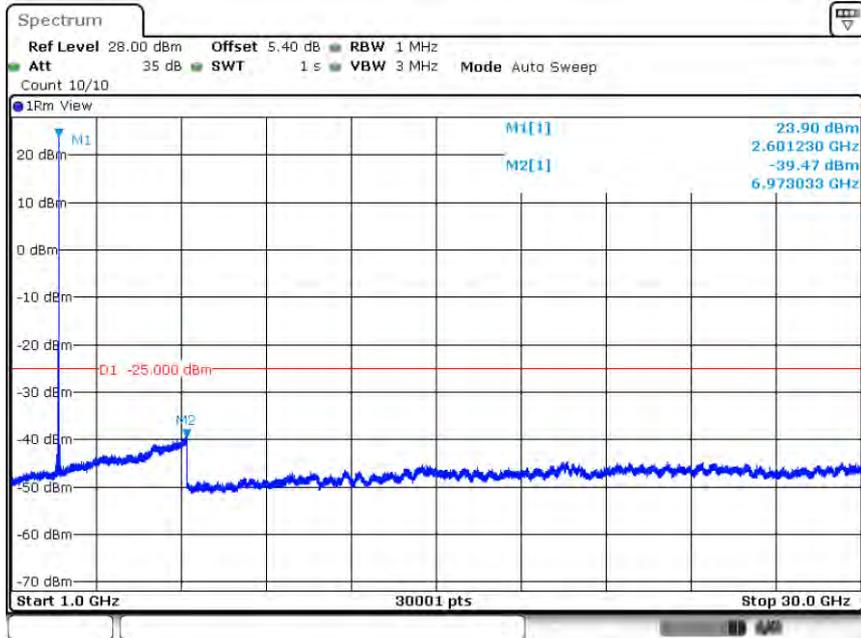


Date: 14.OCT.2020 10:18:54



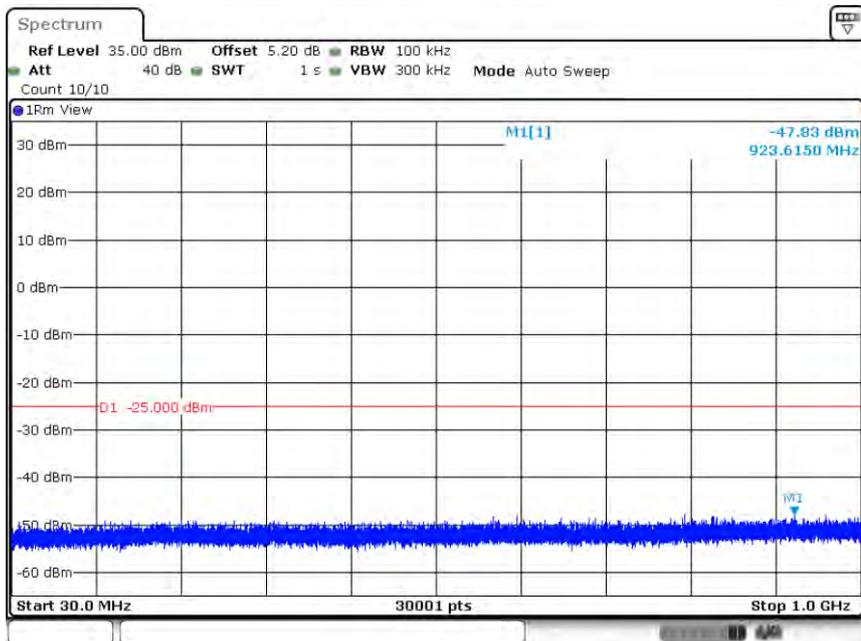
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Band38-20MHz-16QAM-38150-1RB#0-Range2:1000~30000MHz



Date: 14.OCT.2020 10:19:11

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

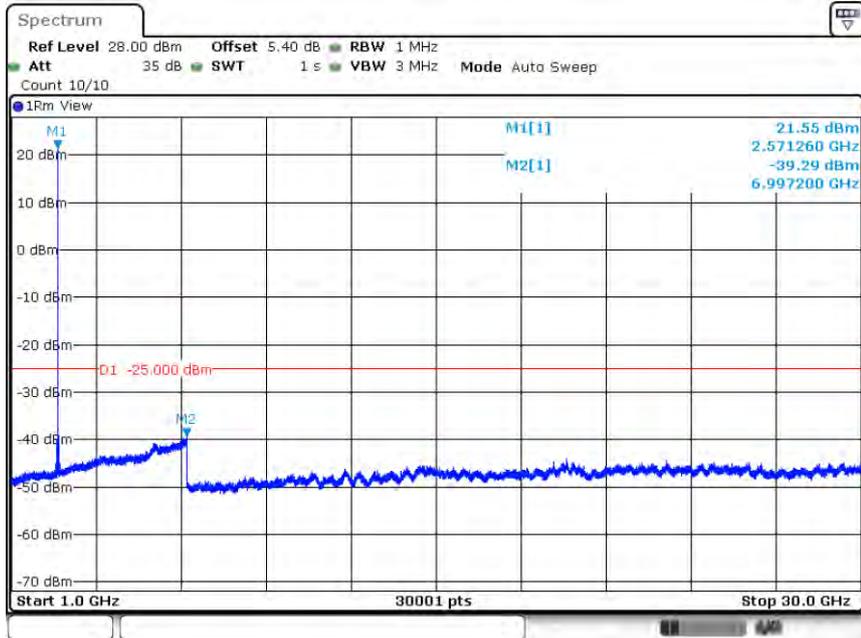


Date: 14.OCT.2020 11:46:37



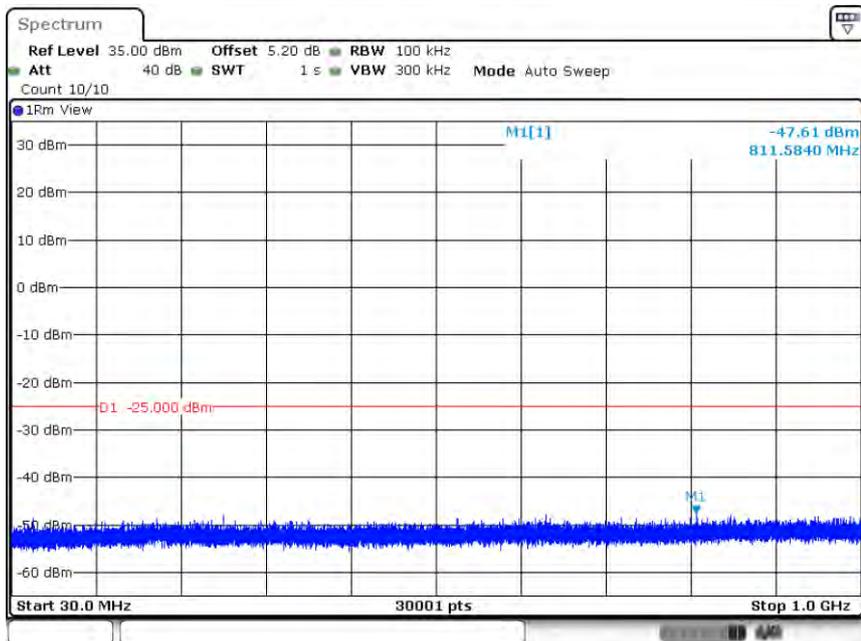
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Band38-20MHz-64QAM-37850-1RB#0-Range2:1000~30000MHz



Date: 14.OCT.2020 11:46:54

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

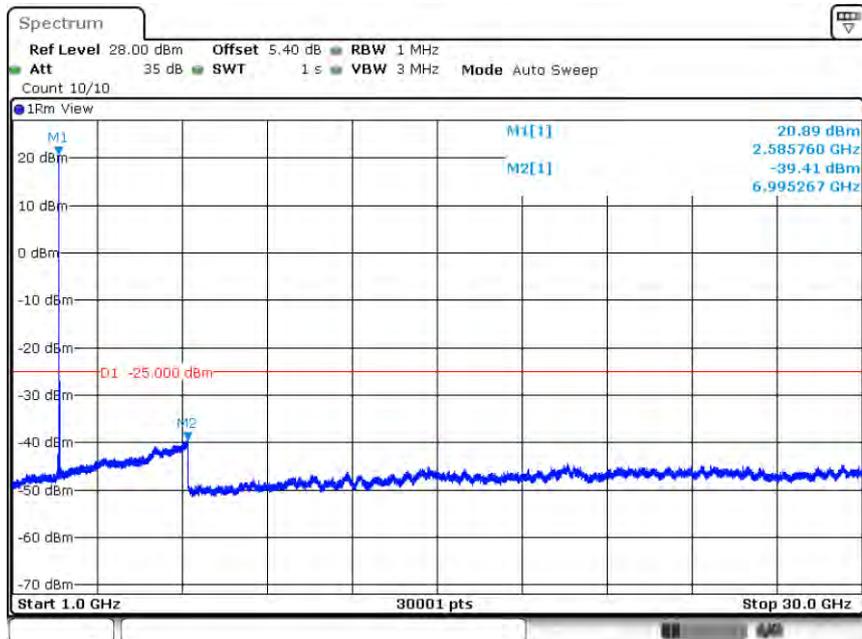


Date: 14.OCT.2020 11:47:16



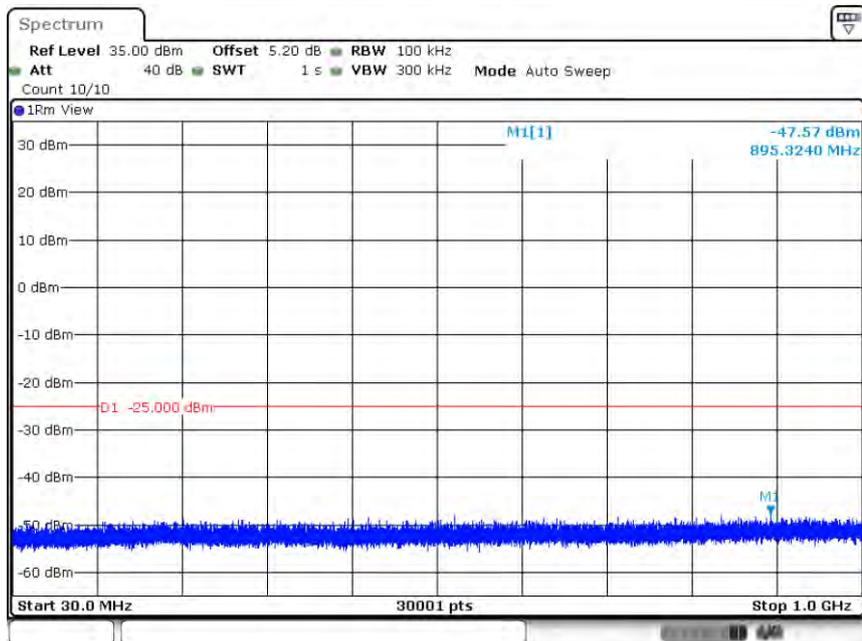
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Band38-20MHz-64QAM-38000-1RB#0-Range2:1000~30000MHz



Date: 14.OCT.2020 11:47:33

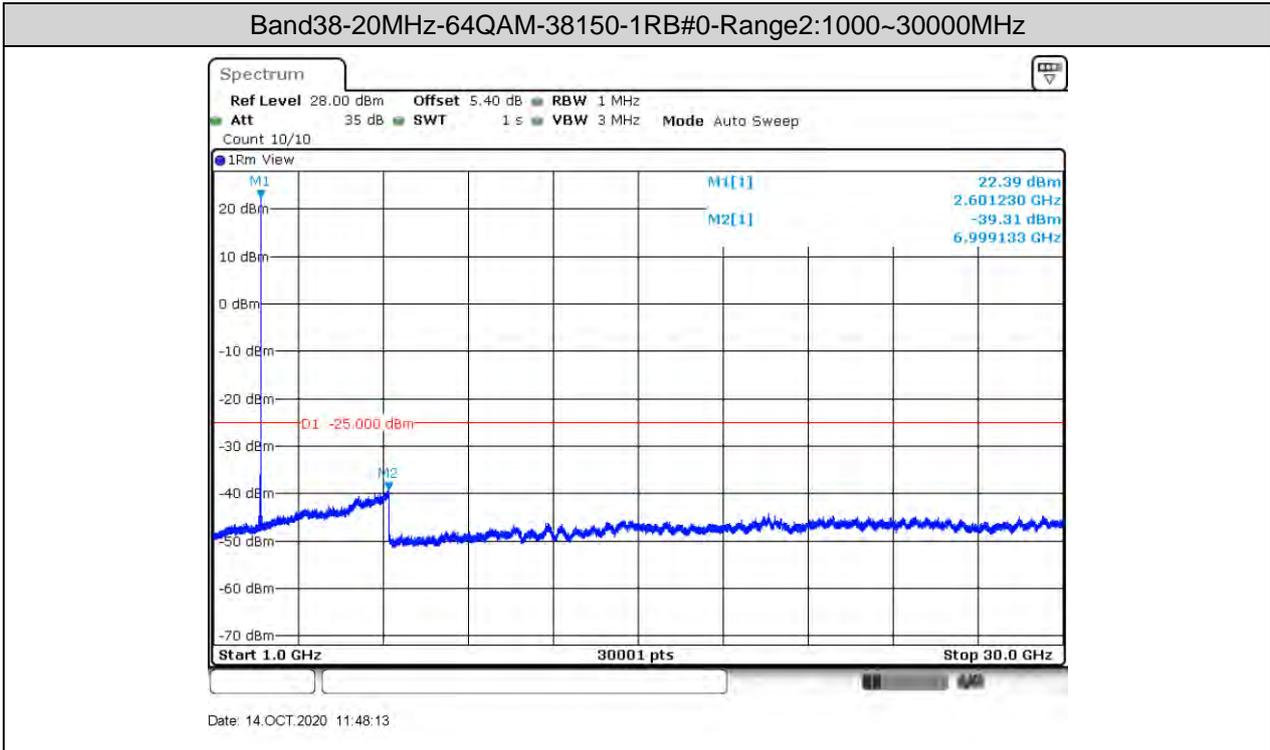
Band38-20MHz-64QAM-38150-1RB#0-Range1:30~1000MHz



Date: 14.OCT.2020 11:47:55



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7 Field Strength of Spurious Radiation

7.1 Test Mode =LTE/TM1 20MHz(Ant1)

7.1.1 Test Channel = LCH

Frequency (MHz)	Level (dBm)	Limit Line (dBm)	Margin (dB)	Polarization
30.3880	-74.94	-25.00	49.94	Vertical
109.8350	-65.03	-25.00	40.03	Vertical
473.6517	-66.21	-25.00	41.21	Vertical
3624.0208	-62.11	-25.00	37.11	Vertical
7363.6455	-55.99	-25.00	30.99	Vertical
17997.4999	-40.87	-25.00	15.87	Vertical
44.9387	-63.51	-25.00	38.51	Horizontal
99.2615	-74.66	-25.00	49.66	Horizontal
238.5604	-68.62	-25.00	43.62	Horizontal
5142.0714	-60.25	-25.00	35.25	Horizontal
9277.7093	-52.70	-25.00	27.70	Horizontal
16398.4466	-43.79	-25.00	18.79	Horizontal

7.1.2 Test Channel = MCH

Frequency (MHz)	Level (dBm)	Limit Line (dBm)	Margin (dB)	Polarization
30.4365	-76.04	-25.00	51.04	Vertical
106.0033	-65.62	-25.00	40.62	Vertical
627.8894	-62.81	-25.00	37.81	Vertical
3633.0211	-62.04	-25.00	37.04	Vertical
7424.6475	-56.56	-25.00	31.56	Vertical
17997.9999	-40.81	-25.00	15.81	Vertical
42.9501	-64.41	-25.00	39.41	Horizontal
80.5880	-75.40	-25.00	50.40	Horizontal
252.4806	-68.23	-25.00	43.23	Horizontal
3749.0250	-61.11	-25.00	36.11	Horizontal
7365.6455	-56.87	-25.00	31.87	Horizontal
16389.9463	-44.36	-25.00	19.36	Horizontal



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

7.1.3 Test Channel = HCH

Frequency (MHz)	Level (dBm)	Limit Line (dBm)	Margin (dB)	Polarization
30.5820	-76.03	-25.00	51.03	Vertical
119.7780	-65.04	-25.00	40.04	Vertical
403.2747	-68.13	-25.00	43.13	Vertical
3750.0250	-62.07	-25.00	37.07	Vertical
7448.1483	-56.38	-25.00	31.38	Vertical
17998.5000	-40.82	-25.00	15.82	Vertical
44.5507	-64.07	-25.00	39.07	Horizontal
85.0503	-74.46	-25.00	49.46	Horizontal
240.7430	-68.65	-25.00	43.65	Horizontal
3620.5207	-61.02	-25.00	36.02	Horizontal
7387.6463	-56.70	-25.00	31.70	Horizontal
16393.4464	-44.33	-25.00	19.33	Horizontal

7.2 Test Mode = LTE/TM1 20MHz(Ant2)

7.2.1 Test Channel = LCH

Frequency (MHz)	Level (dBm)	Limit Line (dBm)	Margin (dB)	Polarization
30.0485	-75.78	-25.00	50.78	Vertical
108.3799	-65.10	-25.00	40.10	Vertical
468.2679	-66.88	-25.00	41.88	Vertical
3772.5258	-62.05	-25.00	37.05	Vertical
7393.1464	-56.31	-25.00	31.31	Vertical
17996.4999	-40.34	-25.00	15.34	Vertical
43.6777	-64.68	-25.00	39.68	Horizontal
100.8135	-76.20	-25.00	51.20	Horizontal
236.8143	-68.36	-25.00	43.36	Horizontal
3639.0213	-60.89	-25.00	35.89	Horizontal
7481.6494	-56.69	-25.00	31.69	Horizontal
16398.4466	-44.16	-25.00	19.16	Horizontal



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7.2.2 Test Channel = MCH

Frequency (MHz)	Level (dBm)	Limit Line (dBm)	Margin (dB)	Polarization
31.2126	-74.59	-25.00	49.59	Vertical
114.7822	-64.50	-25.00	39.50	Vertical
420.2020	-67.76	-25.00	42.76	Vertical
3634.5212	-61.90	-25.00	36.90	Vertical
7347.1449	-56.22	-25.00	31.22	Vertical
17996.4999	-40.88	-25.00	15.88	Vertical
40.1370	-64.23	-25.00	39.23	Horizontal
105.8578	-75.58	-25.00	50.58	Horizontal
244.0897	-68.27	-25.00	43.27	Horizontal
3630.0210	-60.86	-25.00	35.86	Horizontal
7451.1484	-56.51	-25.00	31.51	Horizontal
16384.9462	-43.51	-25.00	18.51	Horizontal

7.2.3 Test Channel = HCH

Frequency (MHz)	Level (dBm)	Limit Line (dBm)	Margin (dB)	Polarization
30.1940	-75.21	-25.00	50.21	Vertical
110.7080	-65.13	-25.00	40.13	Vertical
500.3765	-65.73	-25.00	40.73	Vertical
3745.0248	-62.05	-25.00	37.05	Vertical
7369.1456	-56.06	-25.00	31.06	Vertical
17995.9999	-40.61	-25.00	15.61	Vertical
42.6106	-64.40	-25.00	39.40	Horizontal
106.8278	-75.19	-25.00	50.19	Horizontal
240.5490	-68.90	-25.00	43.90	Horizontal
3592.0197	-61.07	-25.00	36.07	Horizontal
7445.1482	-56.55	-25.00	31.55	Horizontal
16390.9464	-43.77	-25.00	18.77	Horizontal

Remark:

- 1 According to 971168 D01 Power Meas License Digital Systems, The amplitudes of unwanted emissions that are attenuated more than 20 dB below the applicable limit are not required to be reported.
- 2 The disturbance below 30MHz was very low, and the above harmonics were the highest point could be found when testing, so only the worst case data displayed in this report.
- 3 all modulation and all Bandwidth had been tested, but only the worst case data displayed in this report.



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8 Frequency Stability

8.1 Frequency Vs Voltage

Band	Bandwidth	Modulation	Channel	RB Configure	Voltage		Deviation (Hz)	Deviation (ppm)	Limit (ppm)	Verdict
					Voltage [Vdc]	Temperature (°C)				
Band38	20MHz	QPSK	37850	100RB#0	VL	NT	-9.90	-0.003837	±2.5	PASS
Band38	20MHz	QPSK	37850	100RB#0	VN	NT	-7.20	-0.002791	±2.5	PASS
Band38	20MHz	QPSK	37850	100RB#0	VH	NT	-8.90	-0.003450	±2.5	PASS
Band38	20MHz	QPSK	38000	100RB#0	VL	NT	-8.90	-0.003430	±2.5	PASS
Band38	20MHz	QPSK	38000	100RB#0	VN	NT	-7.90	-0.003044	±2.5	PASS
Band38	20MHz	QPSK	38000	100RB#0	VH	NT	-8.90	-0.003430	±2.5	PASS
Band38	20MHz	QPSK	38150	100RB#0	VL	NT	-10.90	-0.004176	±2.5	PASS
Band38	20MHz	QPSK	38150	100RB#0	VN	NT	-11.90	-0.004559	±2.5	PASS
Band38	20MHz	QPSK	38150	100RB#0	VH	NT	-9.00	-0.003448	±2.5	PASS
Band38	20MHz	16QAM	37850	100RB#0	VL	NT	-12.90	-0.005000	±2.5	PASS
Band38	20MHz	16QAM	37850	100RB#0	VN	NT	-13.10	-0.005078	±2.5	PASS
Band38	20MHz	16QAM	37850	100RB#0	VH	NT	-10.80	-0.004186	±2.5	PASS
Band38	20MHz	16QAM	38000	100RB#0	VL	NT	-8.60	-0.003314	±2.5	PASS
Band38	20MHz	16QAM	38000	100RB#0	VN	NT	-8.80	-0.003391	±2.5	PASS
Band38	20MHz	16QAM	38000	100RB#0	VH	NT	-10.70	-0.004123	±2.5	PASS
Band38	20MHz	16QAM	38150	100RB#0	VL	NT	-11.50	-0.004406	±2.5	PASS
Band38	20MHz	16QAM	38150	100RB#0	VN	NT	-8.50	-0.003257	±2.5	PASS
Band38	20MHz	16QAM	38150	100RB#0	VH	NT	-13.10	-0.005019	±2.5	PASS
Band38	20MHz	64QAM	37850	100RB#0	VL	NT	-10.00	-0.003876	±2.5	PASS
Band38	20MHz	64QAM	37850	100RB#0	VN	NT	-12.90	-0.005000	±2.5	PASS
Band38	20MHz	64QAM	37850	100RB#0	VH	NT	-11.70	-0.004535	±2.5	PASS
Band38	20MHz	64QAM	38000	100RB#0	VL	NT	-10.10	-0.003892	±2.5	PASS
Band38	20MHz	64QAM	38000	100RB#0	VN	NT	-11.50	-0.004432	±2.5	PASS
Band38	20MHz	64QAM	38000	100RB#0	VH	NT	-12.00	-0.004624	±2.5	PASS
Band38	20MHz	64QAM	38150	100RB#0	VL	NT	-12.60	-0.004828	±2.5	PASS
Band38	20MHz	64QAM	38150	100RB#0	VN	NT	-9.50	-0.003640	±2.5	PASS
Band38	20MHz	64QAM	38150	100RB#0	VH	NT	-11.90	-0.004559	±2.5	PASS



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8.2 Frequency Vs Temperature

Temperature										
Band	Bandwidth	Modulation	Channel	RB Configure	Voltage [Vdc]	Temperature (°C)	Deviation (Hz)	Deviation (ppm)	Limit (ppm)	Verdict
Band38	20MHz	QPSK	37850	100RB#0	NV	-30	-10.70	-0.004147	±2.5	PASS
Band38	20MHz	QPSK	37850	100RB#0	NV	-20	-10.10	-0.003915	±2.5	PASS
Band38	20MHz	QPSK	37850	100RB#0	NV	-10	-5.10	-0.001977	±2.5	PASS
Band38	20MHz	QPSK	37850	100RB#0	NV	0	-7.90	-0.003062	±2.5	PASS
Band38	20MHz	QPSK	37850	100RB#0	NV	10	-9.90	-0.003837	±2.5	PASS
Band38	20MHz	QPSK	37850	100RB#0	NV	20	-11.50	-0.004457	±2.5	PASS
Band38	20MHz	QPSK	37850	100RB#0	NV	30	-7.70	-0.002984	±2.5	PASS
Band38	20MHz	QPSK	37850	100RB#0	NV	40	-6.70	-0.002597	±2.5	PASS
Band38	20MHz	QPSK	37850	100RB#0	NV	50	-6.10	-0.002364	±2.5	PASS
Band38	20MHz	QPSK	38000	100RB#0	NV	-30	-10.20	-0.003931	±2.5	PASS
Band38	20MHz	QPSK	38000	100RB#0	NV	-20	-7.20	-0.002775	±2.5	PASS
Band38	20MHz	QPSK	38000	100RB#0	NV	-10	-11.20	-0.004316	±2.5	PASS
Band38	20MHz	QPSK	38000	100RB#0	NV	0	-8.30	-0.003198	±2.5	PASS
Band38	20MHz	QPSK	38000	100RB#0	NV	10	-9.00	-0.003468	±2.5	PASS
Band38	20MHz	QPSK	38000	100RB#0	NV	20	-10.20	-0.003931	±2.5	PASS
Band38	20MHz	QPSK	38000	100RB#0	NV	30	-11.50	-0.004432	±2.5	PASS
Band38	20MHz	QPSK	38000	100RB#0	NV	40	-6.40	-0.002466	±2.5	PASS
Band38	20MHz	QPSK	38000	100RB#0	NV	50	-3.10	-0.001195	±2.5	PASS
Band38	20MHz	QPSK	38150	100RB#0	NV	-30	-10.30	-0.003946	±2.5	PASS
Band38	20MHz	QPSK	38150	100RB#0	NV	-20	-8.80	-0.003372	±2.5	PASS
Band38	20MHz	QPSK	38150	100RB#0	NV	-10	-13.00	-0.004981	±2.5	PASS
Band38	20MHz	QPSK	38150	100RB#0	NV	0	-10.40	-0.003985	±2.5	PASS
Band38	20MHz	QPSK	38150	100RB#0	NV	10	-9.60	-0.003678	±2.5	PASS
Band38	20MHz	QPSK	38150	100RB#0	NV	20	-8.70	-0.003333	±2.5	PASS
Band38	20MHz	QPSK	38150	100RB#0	NV	30	-8.00	-0.003065	±2.5	PASS
Band38	20MHz	QPSK	38150	100RB#0	NV	40	-8.00	-0.003065	±2.5	PASS
Band38	20MHz	QPSK	38150	100RB#0	NV	50	-9.50	-0.003640	±2.5	PASS
Band38	20MHz	16QAM	37850	100RB#0	NV	-30	-8.10	-0.003140	±2.5	PASS
Band38	20MHz	16QAM	37850	100RB#0	NV	-20	-8.10	-0.003140	±2.5	PASS
Band38	20MHz	16QAM	37850	100RB#0	NV	-10	-7.60	-0.002946	±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	-10.50	-0.004070	±2.5	PASS
Band38	20MHz	16QAM	37850	100RB#0	NV	20	-13.50	-0.005233	±2.5	PASS



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Band38	20MHz	16QAM	37850	100RB#0	NV	30	-11.80	-0.004574	±2.5	PASS
Band38	20MHz	16QAM	37850	100RB#0	NV	40	-14.20	-0.005504	±2.5	PASS
Band38	20MHz	16QAM	37850	100RB#0	NV	50	-9.20	-0.003566	±2.5	PASS
Band38	20MHz	16QAM	38000	100RB#0	NV	-30	-5.70	-0.002197	±2.5	PASS
Band38	20MHz	16QAM	38000	100RB#0	NV	-20	-8.10	-0.003121	±2.5	PASS
Band38	20MHz	16QAM	38000	100RB#0	NV	-10	-9.00	-0.003468	±2.5	PASS
Band38	20MHz	16QAM	38000	100RB#0	NV	0	-10.20	-0.003931	±2.5	PASS
Band38	20MHz	16QAM	38000	100RB#0	NV	10	-7.30	-0.002813	±2.5	PASS
Band38	20MHz	16QAM	38000	100RB#0	NV	20	-12.20	-0.004701	±2.5	PASS
Band38	20MHz	16QAM	38000	100RB#0	NV	30	-8.60	-0.003314	±2.5	PASS
Band38	20MHz	16QAM	38000	100RB#0	NV	40	-9.00	-0.003468	±2.5	PASS
Band38	20MHz	16QAM	38000	100RB#0	NV	50	-10.20	-0.003931	±2.5	PASS
Band38	20MHz	16QAM	38150	100RB#0	NV	-30	-9.40	-0.003602	±2.5	PASS
Band38	20MHz	16QAM	38150	100RB#0	NV	-20	-10.20	-0.003908	±2.5	PASS
Band38	20MHz	16QAM	38150	100RB#0	NV	-10	-11.30	-0.004330	±2.5	PASS
Band38	20MHz	16QAM	38150	100RB#0	NV	0	-12.10	-0.004636	±2.5	PASS
Band38	20MHz	16QAM	38150	100RB#0	NV	10	-11.60	-0.004444	±2.5	PASS
Band38	20MHz	16QAM	38150	100RB#0	NV	20	-7.00	-0.002682	±2.5	PASS
Band38	20MHz	16QAM	38150	100RB#0	NV	30	-6.20	-0.002375	±2.5	PASS
Band38	20MHz	16QAM	38150	100RB#0	NV	40	-10.10	-0.003870	±2.5	PASS
Band38	20MHz	16QAM	38150	100RB#0	NV	50	-9.80	-0.003755	±2.5	PASS
Band38	20MHz	64QAM	37850	100RB#0	NV	-30	-9.90	-0.003837	±2.5	PASS
Band38	20MHz	64QAM	37850	100RB#0	NV	-20	-10.10	-0.003915	±2.5	PASS
Band38	20MHz	64QAM	37850	100RB#0	NV	-10	-9.00	-0.003488	±2.5	PASS
Band38	20MHz	64QAM	37850	100RB#0	NV	0	-7.80	-0.003023	±2.5	PASS
Band38	20MHz	64QAM	37850	100RB#0	NV	10	-6.70	-0.002597	±2.5	PASS
Band38	20MHz	64QAM	37850	100RB#0	NV	20	-8.60	-0.003333	±2.5	PASS
Band38	20MHz	64QAM	37850	100RB#0	NV	30	-10.50	-0.004070	±2.5	PASS
Band38	20MHz	64QAM	37850	100RB#0	NV	40	-9.30	-0.003605	±2.5	PASS
Band38	20MHz	64QAM	37850	100RB#0	NV	50	-8.40	-0.003256	±2.5	PASS
Band38	20MHz	64QAM	38000	100RB#0	NV	-30	-11.10	-0.004277	±2.5	PASS
Band38	20MHz	64QAM	38000	100RB#0	NV	-20	-8.20	-0.003160	±2.5	PASS
Band38	20MHz	64QAM	38000	100RB#0	NV	-10	-10.10	-0.003892	±2.5	PASS
Band38	20MHz	64QAM	38000	100RB#0	NV	0	-9.20	-0.003545	±2.5	PASS
Band38	20MHz	64QAM	38000	100RB#0	NV	10	-10.30	-0.003969	±2.5	PASS
Band38	20MHz	64QAM	38000	100RB#0	NV	20	-12.00	-0.004624	±2.5	PASS
Band38	20MHz	64QAM	38000	100RB#0	NV	30	-10.30	-0.003969	±2.5	PASS



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Band38	20MHz	64QAM	38000	100RB#0	NV	40	-13.70	-0.005279	±2.5	PASS
Band38	20MHz	64QAM	38000	100RB#0	NV	50	-9.10	-0.003507	±2.5	PASS
Band38	20MHz	64QAM	38150	100RB#0	NV	-30	-8.30	-0.003180	±2.5	PASS
Band38	20MHz	64QAM	38150	100RB#0	NV	-20	-9.70	-0.003716	±2.5	PASS
Band38	20MHz	64QAM	38150	100RB#0	NV	-10	-12.90	-0.004943	±2.5	PASS
Band38	20MHz	64QAM	38150	100RB#0	NV	0	-11.10	-0.004253	±2.5	PASS
Band38	20MHz	64QAM	38150	100RB#0	NV	10	-11.00	-0.004215	±2.5	PASS
Band38	20MHz	64QAM	38150	100RB#0	NV	20	-12.30	-0.004713	±2.5	PASS
Band38	20MHz	64QAM	38150	100RB#0	NV	30	-11.80	-0.004521	±2.5	PASS
Band38	20MHz	64QAM	38150	100RB#0	NV	40	-9.80	-0.003755	±2.5	PASS
Band38	20MHz	64QAM	38150	100RB#0	NV	50	-7.70	-0.002950	±2.5	PASS

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