



Appendix B

E-UTRA Band 38



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1 Effective (Isotropic) Radiated Power

1.1. Test Result

ANT4:

Band	Bandwidth	Modulation	Channel	RB Config.	Result (dBm)	EIRP (dBm)	Limit (dBm)	Verdict
Band38	5MHz	QPSK	37775	1RB#0	23.10	23.00	33.00	PASS
Band38	5MHz	QPSK	37775	1RB#12	23.17	23.07	33.00	PASS
Band38	5MHz	QPSK	37775	1RB#24	23.06	22.96	33.00	PASS
Band38	5MHz	QPSK	37775	12RB#0	22.04	21.94	33.00	PASS
Band38	5MHz	QPSK	37775	12RB#6	22.00	21.90	33.00	PASS
Band38	5MHz	QPSK	37775	12RB#13	22.12	22.02	33.00	PASS
Band38	5MHz	QPSK	37775	25RB#0	22.16	22.06	33.00	PASS
Band38	5MHz	QPSK	38000	1RB#0	22.99	22.89	33.00	PASS
Band38	5MHz	QPSK	38000	1RB#12	23.00	22.90	33.00	PASS
Band38	5MHz	QPSK	38000	1RB#24	23.15	23.05	33.00	PASS
Band38	5MHz	QPSK	38000	12RB#0	22.01	21.91	33.00	PASS
Band38	5MHz	QPSK	38000	12RB#6	22.04	21.94	33.00	PASS
Band38	5MHz	QPSK	38000	12RB#13	22.05	21.95	33.00	PASS
Band38	5MHz	QPSK	38000	25RB#0	21.96	21.86	33.00	PASS
Band38	5MHz	QPSK	38225	1RB#0	23.14	23.04	33.00	PASS
Band38	5MHz	QPSK	38225	1RB#12	23.16	23.06	33.00	PASS
Band38	5MHz	QPSK	38225	1RB#24	23.15	23.05	33.00	PASS
Band38	5MHz	QPSK	38225	12RB#0	21.99	21.89	33.00	PASS
Band38	5MHz	QPSK	38225	12RB#6	22.10	22.00	33.00	PASS
Band38	5MHz	QPSK	38225	12RB#13	22.06	21.96	33.00	PASS
Band38	5MHz	QPSK	38225	25RB#0	22.01	21.91	33.00	PASS
Band38	5MHz	16QAM	37775	1RB#0	21.97	21.87	33.00	PASS
Band38	5MHz	16QAM	37775	1RB#12	21.99	21.89	33.00	PASS
Band38	5MHz	16QAM	37775	1RB#24	22.16	22.06	33.00	PASS
Band38	5MHz	16QAM	37775	12RB#0	21.07	20.97	33.00	PASS
Band38	5MHz	16QAM	37775	12RB#6	21.11	21.01	33.00	PASS
Band38	5MHz	16QAM	37775	12RB#13	20.98	20.88	33.00	PASS
Band38	5MHz	16QAM	37775	25RB#0	21.15	21.05	33.00	PASS
Band38	5MHz	16QAM	38000	1RB#0	21.99	21.89	33.00	PASS
Band38	5MHz	16QAM	38000	1RB#12	22.12	22.02	33.00	PASS
Band38	5MHz	16QAM	38000	1RB#24	21.93	21.83	33.00	PASS



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Band38	5MHz	16QAM	38000	12RB#0	21.02	20.92	33.00	PASS
Band38	5MHz	16QAM	38000	12RB#6	21.16	21.06	33.00	PASS
Band38	5MHz	16QAM	38000	12RB#13	20.99	20.89	33.00	PASS
Band38	5MHz	16QAM	38000	25RB#0	21.11	21.01	33.00	PASS
Band38	5MHz	16QAM	38225	1RB#0	22.02	21.92	33.00	PASS
Band38	5MHz	16QAM	38225	1RB#12	22.01	21.91	33.00	PASS
Band38	5MHz	16QAM	38225	1RB#24	22.05	21.95	33.00	PASS
Band38	5MHz	16QAM	38225	12RB#0	21.19	21.09	33.00	PASS
Band38	5MHz	16QAM	38225	12RB#6	21.10	21.00	33.00	PASS
Band38	5MHz	16QAM	38225	12RB#13	21.07	20.97	33.00	PASS
Band38	5MHz	16QAM	38225	25RB#0	21.14	21.04	33.00	PASS
Band38	5MHz	64QAM	37775	1RB#0	21.08	20.98	33.00	PASS
Band38	5MHz	64QAM	37775	1RB#12	21.14	21.04	33.00	PASS
Band38	5MHz	64QAM	37775	1RB#24	21.01	20.91	33.00	PASS
Band38	5MHz	64QAM	37775	12RB#0	20.01	19.91	33.00	PASS
Band38	5MHz	64QAM	37775	12RB#6	19.91	19.81	33.00	PASS
Band38	5MHz	64QAM	37775	12RB#13	20.04	19.94	33.00	PASS
Band38	5MHz	64QAM	37775	25RB#0	20.15	20.05	33.00	PASS
Band38	5MHz	64QAM	38000	1RB#0	20.95	20.85	33.00	PASS
Band38	5MHz	64QAM	38000	1RB#12	20.94	20.84	33.00	PASS
Band38	5MHz	64QAM	38000	1RB#24	21.06	20.96	33.00	PASS
Band38	5MHz	64QAM	38000	12RB#0	19.98	19.88	33.00	PASS
Band38	5MHz	64QAM	38000	12RB#6	20.01	19.91	33.00	PASS
Band38	5MHz	64QAM	38000	12RB#13	20.03	19.93	33.00	PASS
Band38	5MHz	64QAM	38000	25RB#0	19.93	19.83	33.00	PASS
Band38	5MHz	64QAM	38225	1RB#0	21.05	20.95	33.00	PASS
Band38	5MHz	64QAM	38225	1RB#12	21.08	20.98	33.00	PASS
Band38	5MHz	64QAM	38225	1RB#24	21.11	21.01	33.00	PASS
Band38	5MHz	64QAM	38225	12RB#0	19.90	19.80	33.00	PASS
Band38	5MHz	64QAM	38225	12RB#6	20.04	19.94	33.00	PASS
Band38	5MHz	64QAM	38225	12RB#13	19.99	19.89	33.00	PASS
Band38	5MHz	64QAM	38225	25RB#0	19.96	19.86	33.00	PASS
Band38	10MHz	QPSK	37800	1RB#0	23.02	22.92	33.00	PASS
Band38	10MHz	QPSK	37800	1RB#24	23.10	23.00	33.00	PASS
Band38	10MHz	QPSK	37800	1RB#49	23.12	23.02	33.00	PASS
Band38	10MHz	QPSK	37800	25RB#0	22.04	21.94	33.00	PASS
Band38	10MHz	QPSK	37800	25RB#12	22.06	21.96	33.00	PASS
Band38	10MHz	QPSK	37800	25RB#25	22.06	21.96	33.00	PASS



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Band38	10MHz	QPSK	37800	50RB#0	22.09	21.99	33.00	PASS
Band38	10MHz	QPSK	38000	1RB#0	23.08	22.98	33.00	PASS
Band38	10MHz	QPSK	38000	1RB#24	23.09	22.99	33.00	PASS
Band38	10MHz	QPSK	38000	1RB#49	23.06	22.96	33.00	PASS
Band38	10MHz	QPSK	38000	25RB#0	22.03	21.93	33.00	PASS
Band38	10MHz	QPSK	38000	25RB#12	22.03	21.93	33.00	PASS
Band38	10MHz	QPSK	38000	25RB#25	22.02	21.92	33.00	PASS
Band38	10MHz	QPSK	38000	50RB#0	22.03	21.93	33.00	PASS
Band38	10MHz	QPSK	38200	1RB#0	23.04	22.94	33.00	PASS
Band38	10MHz	QPSK	38200	1RB#24	23.08	22.98	33.00	PASS
Band38	10MHz	QPSK	38200	1RB#49	23.08	22.98	33.00	PASS
Band38	10MHz	QPSK	38200	25RB#0	22.08	21.98	33.00	PASS
Band38	10MHz	QPSK	38200	25RB#12	22.05	21.95	33.00	PASS
Band38	10MHz	QPSK	38200	25RB#25	22.05	21.95	33.00	PASS
Band38	10MHz	QPSK	38200	50RB#0	22.04	21.94	33.00	PASS
Band38	10MHz	16QAM	37800	1RB#0	22.03	21.93	33.00	PASS
Band38	10MHz	16QAM	37800	1RB#24	22.09	21.99	33.00	PASS
Band38	10MHz	16QAM	37800	1RB#49	22.07	21.97	33.00	PASS
Band38	10MHz	16QAM	37800	25RB#0	21.05	20.95	33.00	PASS
Band38	10MHz	16QAM	37800	25RB#12	21.08	20.98	33.00	PASS
Band38	10MHz	16QAM	37800	25RB#25	21.08	20.98	33.00	PASS
Band38	10MHz	16QAM	37800	50RB#0	21.08	20.98	33.00	PASS
Band38	10MHz	16QAM	38000	1RB#0	22.07	21.97	33.00	PASS
Band38	10MHz	16QAM	38000	1RB#24	22.04	21.94	33.00	PASS
Band38	10MHz	16QAM	38000	1RB#49	21.99	21.89	33.00	PASS
Band38	10MHz	16QAM	38000	25RB#0	21.06	20.96	33.00	PASS
Band38	10MHz	16QAM	38000	25RB#12	21.07	20.97	33.00	PASS
Band38	10MHz	16QAM	38000	25RB#25	21.02	20.92	33.00	PASS
Band38	10MHz	16QAM	38000	50RB#0	21.03	20.93	33.00	PASS
Band38	10MHz	16QAM	38200	1RB#0	21.97	21.87	33.00	PASS
Band38	10MHz	16QAM	38200	1RB#24	22.03	21.93	33.00	PASS
Band38	10MHz	16QAM	38200	1RB#49	22.01	21.91	33.00	PASS
Band38	10MHz	16QAM	38200	25RB#0	21.10	21.00	33.00	PASS
Band38	10MHz	16QAM	38200	25RB#12	21.10	21.00	33.00	PASS
Band38	10MHz	16QAM	38200	25RB#25	21.07	20.97	33.00	PASS
Band38	10MHz	16QAM	38200	50RB#0	21.08	20.98	33.00	PASS
Band38	10MHz	64QAM	37800	1RB#0	20.95	20.85	33.00	PASS
Band38	10MHz	64QAM	37800	1RB#24	21.07	20.97	33.00	PASS



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Band38	10MHz	64QAM	37800	1RB#49	21.05	20.95	33.00	PASS
Band38	10MHz	64QAM	37800	25RB#0	19.98	19.88	33.00	PASS
Band38	10MHz	64QAM	37800	25RB#12	19.98	19.88	33.00	PASS
Band38	10MHz	64QAM	37800	25RB#25	20.05	19.95	33.00	PASS
Band38	10MHz	64QAM	37800	50RB#0	20.03	19.93	33.00	PASS
Band38	10MHz	64QAM	38000	1RB#0	21.04	20.94	33.00	PASS
Band38	10MHz	64QAM	38000	1RB#24	21.00	20.90	33.00	PASS
Band38	10MHz	64QAM	38000	1RB#49	20.99	20.89	33.00	PASS
Band38	10MHz	64QAM	38000	25RB#0	19.97	19.87	33.00	PASS
Band38	10MHz	64QAM	38000	25RB#12	19.98	19.88	33.00	PASS
Band38	10MHz	64QAM	38000	25RB#25	19.96	19.86	33.00	PASS
Band38	10MHz	64QAM	38000	50RB#0	19.95	19.85	33.00	PASS
Band38	10MHz	64QAM	38200	1RB#0	20.97	20.87	33.00	PASS
Band38	10MHz	64QAM	38200	1RB#24	21.00	20.90	33.00	PASS
Band38	10MHz	64QAM	38200	1RB#49	21.04	20.94	33.00	PASS
Band38	10MHz	64QAM	38200	25RB#0	20.07	19.97	33.00	PASS
Band38	10MHz	64QAM	38200	25RB#12	19.98	19.88	33.00	PASS
Band38	10MHz	64QAM	38200	25RB#25	20.00	19.90	33.00	PASS
Band38	10MHz	64QAM	38200	50RB#0	20.01	19.91	33.00	PASS
Band38	15MHz	QPSK	37825	1RB#0	22.96	22.86	33.00	PASS
Band38	15MHz	QPSK	37825	1RB#38	23.20	23.10	33.00	PASS
Band38	15MHz	QPSK	37825	1RB#74	23.19	23.09	33.00	PASS
Band38	15MHz	QPSK	37825	38RB#0	22.14	22.04	33.00	PASS
Band38	15MHz	QPSK	37825	38RB#18	22.03	21.93	33.00	PASS
Band38	15MHz	QPSK	37825	38RB#37	22.06	21.96	33.00	PASS
Band38	15MHz	QPSK	37825	75RB#0	22.00	21.90	33.00	PASS
Band38	15MHz	QPSK	38000	1RB#0	23.12	23.02	33.00	PASS
Band38	15MHz	QPSK	38000	1RB#38	23.10	23.00	33.00	PASS
Band38	15MHz	QPSK	38000	1RB#74	23.04	22.94	33.00	PASS
Band38	15MHz	QPSK	38000	38RB#0	21.95	21.85	33.00	PASS
Band38	15MHz	QPSK	38000	38RB#18	21.95	21.85	33.00	PASS
Band38	15MHz	QPSK	38000	38RB#37	22.02	21.92	33.00	PASS
Band38	15MHz	QPSK	38000	75RB#0	22.05	21.95	33.00	PASS
Band38	15MHz	QPSK	38175	1RB#0	23.09	22.99	33.00	PASS
Band38	15MHz	QPSK	38175	1RB#38	23.08	22.98	33.00	PASS
Band38	15MHz	QPSK	38175	1RB#74	23.05	22.95	33.00	PASS
Band38	15MHz	QPSK	38175	38RB#0	22.05	21.95	33.00	PASS
Band38	15MHz	QPSK	38175	38RB#18	22.06	21.96	33.00	PASS



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Band38	15MHz	QPSK	38175	38RB#37	21.99	21.89	33.00	PASS
Band38	15MHz	QPSK	38175	75RB#0	21.94	21.84	33.00	PASS
Band38	15MHz	16QAM	37825	1RB#0	21.94	21.84	33.00	PASS
Band38	15MHz	16QAM	37825	1RB#38	21.99	21.89	33.00	PASS
Band38	15MHz	16QAM	37825	1RB#74	22.15	22.05	33.00	PASS
Band38	15MHz	16QAM	37825	38RB#0	21.10	21.00	33.00	PASS
Band38	15MHz	16QAM	37825	38RB#18	21.13	21.03	33.00	PASS
Band38	15MHz	16QAM	37825	38RB#37	21.18	21.08	33.00	PASS
Band38	15MHz	16QAM	37825	75RB#0	21.04	20.94	33.00	PASS
Band38	15MHz	16QAM	38000	1RB#0	22.00	21.90	33.00	PASS
Band38	15MHz	16QAM	38000	1RB#38	22.12	22.02	33.00	PASS
Band38	15MHz	16QAM	38000	1RB#74	21.91	21.81	33.00	PASS
Band38	15MHz	16QAM	38000	38RB#0	21.04	20.94	33.00	PASS
Band38	15MHz	16QAM	38000	38RB#18	20.98	20.88	33.00	PASS
Band38	15MHz	16QAM	38000	38RB#37	20.95	20.85	33.00	PASS
Band38	15MHz	16QAM	38000	75RB#0	21.11	21.01	33.00	PASS
Band38	15MHz	16QAM	38175	1RB#0	22.07	21.97	33.00	PASS
Band38	15MHz	16QAM	38175	1RB#38	22.09	21.99	33.00	PASS
Band38	15MHz	16QAM	38175	1RB#74	21.92	21.82	33.00	PASS
Band38	15MHz	16QAM	38175	38RB#0	21.16	21.06	33.00	PASS
Band38	15MHz	16QAM	38175	38RB#18	21.11	21.01	33.00	PASS
Band38	15MHz	16QAM	38175	38RB#37	21.15	21.05	33.00	PASS
Band38	15MHz	16QAM	38175	75RB#0	20.99	20.89	33.00	PASS
Band38	15MHz	64QAM	37825	1RB#0	20.88	20.78	33.00	PASS
Band38	15MHz	64QAM	37825	1RB#38	21.19	21.09	33.00	PASS
Band38	15MHz	64QAM	37825	1RB#74	21.17	21.07	33.00	PASS
Band38	15MHz	64QAM	37825	38RB#0	20.11	20.01	33.00	PASS
Band38	15MHz	64QAM	37825	38RB#18	20.01	19.91	33.00	PASS
Band38	15MHz	64QAM	37825	38RB#37	20.03	19.93	33.00	PASS
Band38	15MHz	64QAM	37825	75RB#0	19.94	19.84	33.00	PASS
Band38	15MHz	64QAM	38000	1RB#0	21.05	20.95	33.00	PASS
Band38	15MHz	64QAM	38000	1RB#38	21.06	20.96	33.00	PASS
Band38	15MHz	64QAM	38000	1RB#74	20.95	20.85	33.00	PASS
Band38	15MHz	64QAM	38000	38RB#0	19.92	19.82	33.00	PASS
Band38	15MHz	64QAM	38000	38RB#18	19.91	19.81	33.00	PASS
Band38	15MHz	64QAM	38000	38RB#37	19.97	19.87	33.00	PASS
Band38	15MHz	64QAM	38000	75RB#0	20.04	19.94	33.00	PASS
Band38	15MHz	64QAM	38175	1RB#0	21.01	20.91	33.00	PASS



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Band38	15MHz	64QAM	38175	1RB#38	21.03	20.93	33.00	PASS
Band38	15MHz	64QAM	38175	1RB#74	21.03	20.93	33.00	PASS
Band38	15MHz	64QAM	38175	38RB#0	20.02	19.92	33.00	PASS
Band38	15MHz	64QAM	38175	38RB#18	20.03	19.93	33.00	PASS
Band38	15MHz	64QAM	38175	38RB#37	19.92	19.82	33.00	PASS
Band38	15MHz	64QAM	38175	75RB#0	19.92	19.82	33.00	PASS
Band38	20MHz	QPSK	37850	1RB#0	23.00	22.90	33.00	PASS
Band38	20MHz	QPSK	37850	1RB#49	23.02	22.92	33.00	PASS
Band38	20MHz	QPSK	37850	1RB#99	23.13	23.03	33.00	PASS
Band38	20MHz	QPSK	37850	50RB#0	22.13	22.03	33.00	PASS
Band38	20MHz	QPSK	37850	50RB#25	22.15	22.05	33.00	PASS
Band38	20MHz	QPSK	37850	50RB#50	22.04	21.94	33.00	PASS
Band38	20MHz	QPSK	37850	100RB#0	22.01	21.91	33.00	PASS
Band38	20MHz	QPSK	38000	1RB#0	23.09	22.99	33.00	PASS
Band38	20MHz	QPSK	38000	1RB#49	23.10	23.00	33.00	PASS
Band38	20MHz	QPSK	38000	1RB#99	23.09	22.99	33.00	PASS
Band38	20MHz	QPSK	38000	50RB#0	21.95	21.85	33.00	PASS
Band38	20MHz	QPSK	38000	50RB#25	21.97	21.87	33.00	PASS
Band38	20MHz	QPSK	38000	50RB#50	22.01	21.91	33.00	PASS
Band38	20MHz	QPSK	38000	100RB#0	22.03	21.93	33.00	PASS
Band38	20MHz	QPSK	38150	1RB#0	22.97	22.87	33.00	PASS
Band38	20MHz	QPSK	38150	1RB#49	23.15	23.05	33.00	PASS
Band38	20MHz	QPSK	38150	1RB#99	23.17	23.07	33.00	PASS
Band38	20MHz	QPSK	38150	50RB#0	22.16	22.06	33.00	PASS
Band38	20MHz	QPSK	38150	50RB#25	22.13	22.03	33.00	PASS
Band38	20MHz	QPSK	38150	50RB#50	22.13	22.03	33.00	PASS
Band38	20MHz	QPSK	38150	100RB#0	22.13	22.03	33.00	PASS
Band38	20MHz	16QAM	37850	1RB#0	22.11	22.01	33.00	PASS
Band38	20MHz	16QAM	37850	1RB#49	22.18	22.08	33.00	PASS
Band38	20MHz	16QAM	37850	1RB#99	21.97	21.87	33.00	PASS
Band38	20MHz	16QAM	37850	50RB#0	21.10	21.00	33.00	PASS
Band38	20MHz	16QAM	37850	50RB#25	21.00	20.90	33.00	PASS
Band38	20MHz	16QAM	37850	50RB#50	21.10	21.00	33.00	PASS
Band38	20MHz	16QAM	37850	100RB#0	21.04	20.94	33.00	PASS
Band38	20MHz	16QAM	38000	1RB#0	22.03	21.93	33.00	PASS
Band38	20MHz	16QAM	38000	1RB#49	21.97	21.87	33.00	PASS
Band38	20MHz	16QAM	38000	1RB#99	21.90	21.80	33.00	PASS
Band38	20MHz	16QAM	38000	50RB#0	21.10	21.00	33.00	PASS



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Band38	20MHz	16QAM	38000	50RB#25	21.16	21.06	33.00	PASS
Band38	20MHz	16QAM	38000	50RB#50	21.06	20.96	33.00	PASS
Band38	20MHz	16QAM	38000	100RB#0	21.08	20.98	33.00	PASS
Band38	20MHz	16QAM	38150	1RB#0	22.00	21.90	33.00	PASS
Band38	20MHz	16QAM	38150	1RB#49	22.07	21.97	33.00	PASS
Band38	20MHz	16QAM	38150	1RB#99	22.05	21.95	33.00	PASS
Band38	20MHz	16QAM	38150	50RB#0	21.11	21.01	33.00	PASS
Band38	20MHz	16QAM	38150	50RB#25	21.06	20.96	33.00	PASS
Band38	20MHz	16QAM	38150	50RB#50	21.01	20.91	33.00	PASS
Band38	20MHz	16QAM	38150	100RB#0	21.11	21.01	33.00	PASS
Band38	20MHz	64QAM	37850	1RB#0	20.97	20.87	33.00	PASS
Band38	20MHz	64QAM	37850	1RB#49	20.93	20.83	33.00	PASS
Band38	20MHz	64QAM	37850	1RB#99	21.10	21.00	33.00	PASS
Band38	20MHz	64QAM	37850	50RB#0	20.10	20.00	33.00	PASS
Band38	20MHz	64QAM	37850	50RB#25	20.13	20.03	33.00	PASS
Band38	20MHz	64QAM	37850	50RB#50	19.95	19.85	33.00	PASS
Band38	20MHz	64QAM	37850	100RB#0	20.00	19.90	33.00	PASS
Band38	20MHz	64QAM	38000	1RB#0	21.03	20.93	33.00	PASS
Band38	20MHz	64QAM	38000	1RB#49	21.04	20.94	33.00	PASS
Band38	20MHz	64QAM	38000	1RB#99	21.08	20.98	33.00	PASS
Band38	20MHz	64QAM	38000	50RB#0	19.88	19.78	33.00	PASS
Band38	20MHz	64QAM	38000	50RB#25	19.92	19.82	33.00	PASS
Band38	20MHz	64QAM	38000	50RB#50	19.93	19.83	33.00	PASS
Band38	20MHz	64QAM	38000	100RB#0	19.97	19.87	33.00	PASS
Band38	20MHz	64QAM	38150	1RB#0	20.89	20.79	33.00	PASS
Band38	20MHz	64QAM	38150	1RB#49	21.13	21.03	33.00	PASS
Band38	20MHz	64QAM	38150	1RB#99	21.14	21.04	33.00	PASS
Band38	20MHz	64QAM	38150	50RB#0	20.14	20.04	33.00	PASS
Band38	20MHz	64QAM	38150	50RB#25	20.05	19.95	33.00	PASS
Band38	20MHz	64QAM	38150	50RB#50	20.04	19.94	33.00	PASS
Band38	20MHz	64QAM	38150	100RB#0	20.09	19.99	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]

The conducted Power is measured by Base Station Simulator



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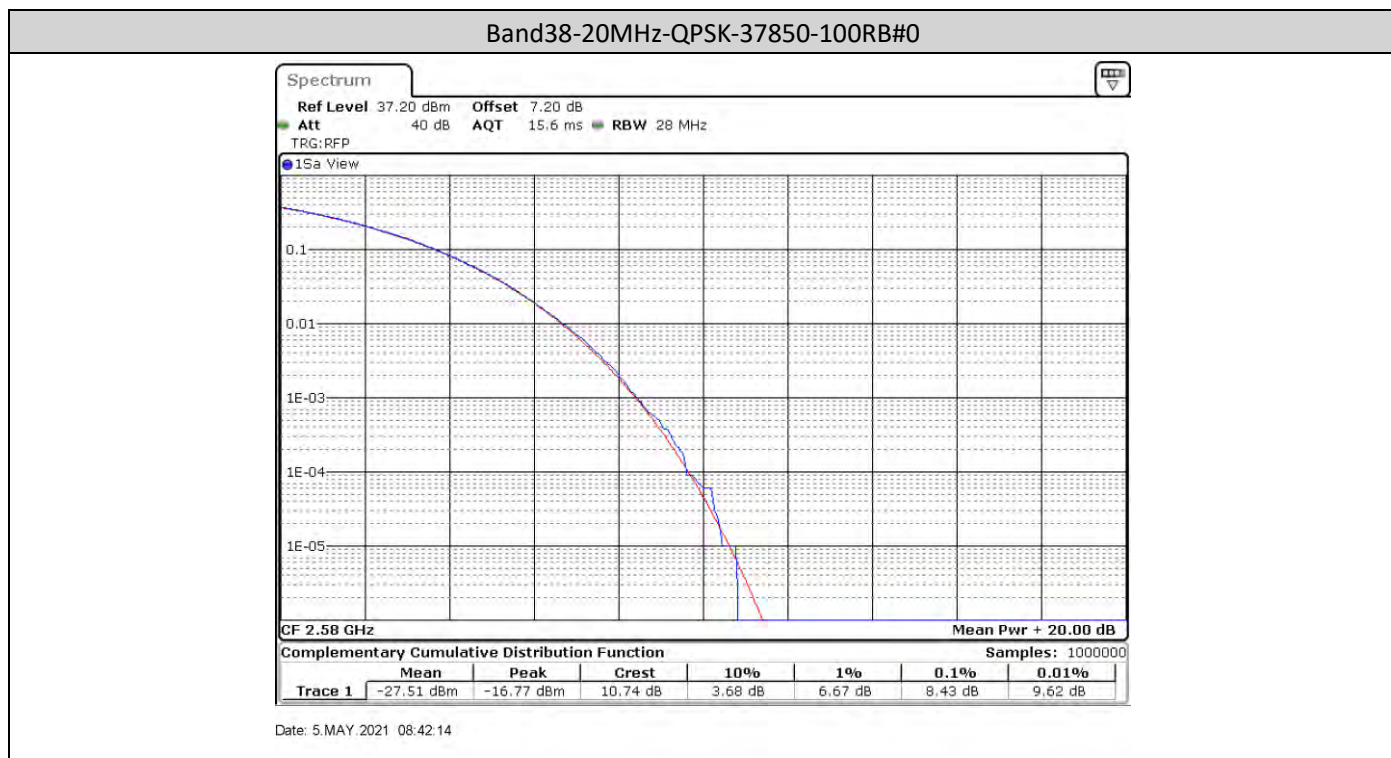


2. Peak-to-Average Ratio (CCDF)

2.1. Test Result

Band	Bandwidth	Modulation	Channel	RB Configuration	Result(dB)	Limit(dB)	Verdict
Band38	20MHz	QPSK	37850	100RB#0	8.43	13	PASS
Band38	20MHz	QPSK	38000	100RB#0	8.67	13	PASS
Band38	20MHz	QPSK	38150	100RB#0	8.41	13	PASS
Band38	20MHz	64QAM	37850	100RB#0	8.12	13	PASS
Band38	20MHz	64QAM	38000	100RB#0	9.80	13	PASS
Band38	20MHz	64QAM	38150	100RB#0	9.68	13	PASS
Band38	20MHz	16QAM	37850	100RB#0	9.19	13	PASS
Band38	20MHz	16QAM	38000	100RB#0	9.19	13	PASS
Band38	20MHz	16QAM	38150	100RB#0	9.22	13	PASS

2.2. Test Plots



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



Date: 5.MAY 2021 08:42:37

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

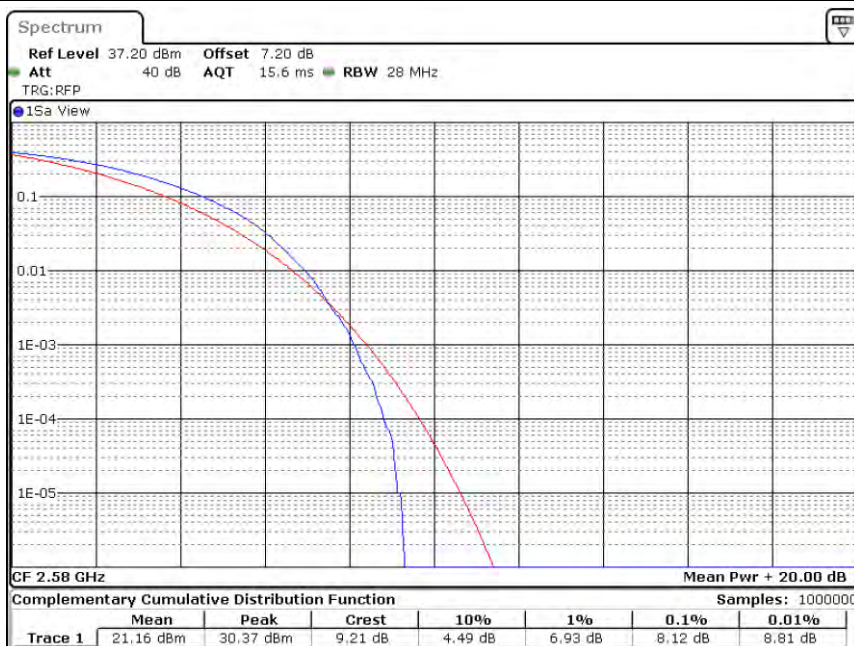


Date: 5.MAY 2021 08:43:00



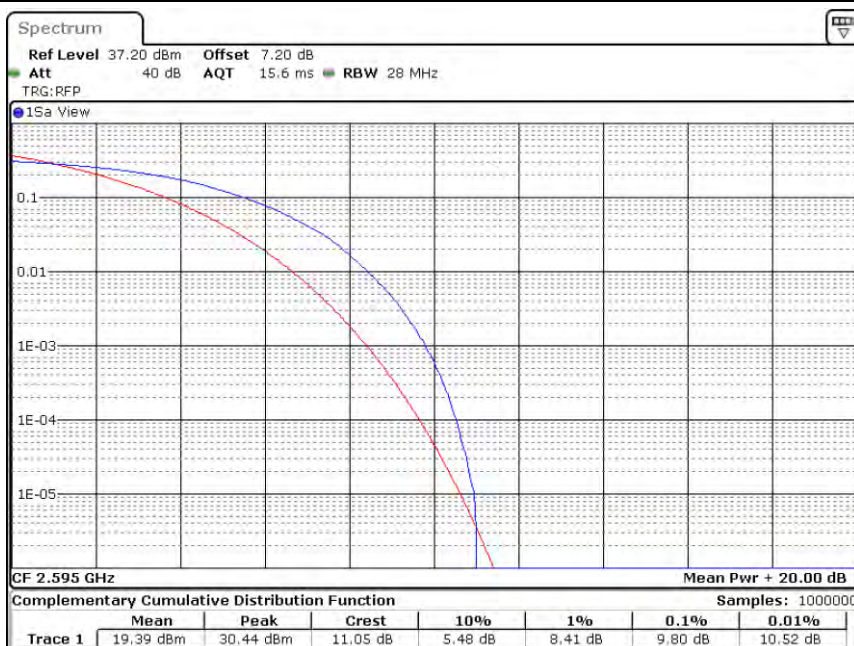


Band38-20MHz-64QAM-37850-100RB#0



Date: 5.MAY 2021 09:30:11

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



Date: 5.MAY 2021 09:30:22



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



Date: 5.MAY 2021 09:30:34

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



Date: 5.MAY 2021 08:42:26



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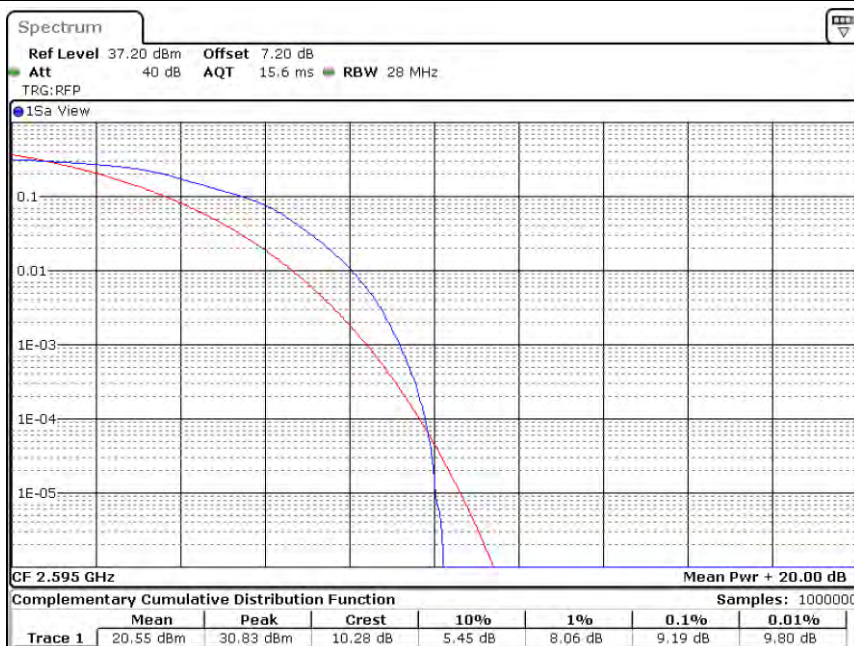
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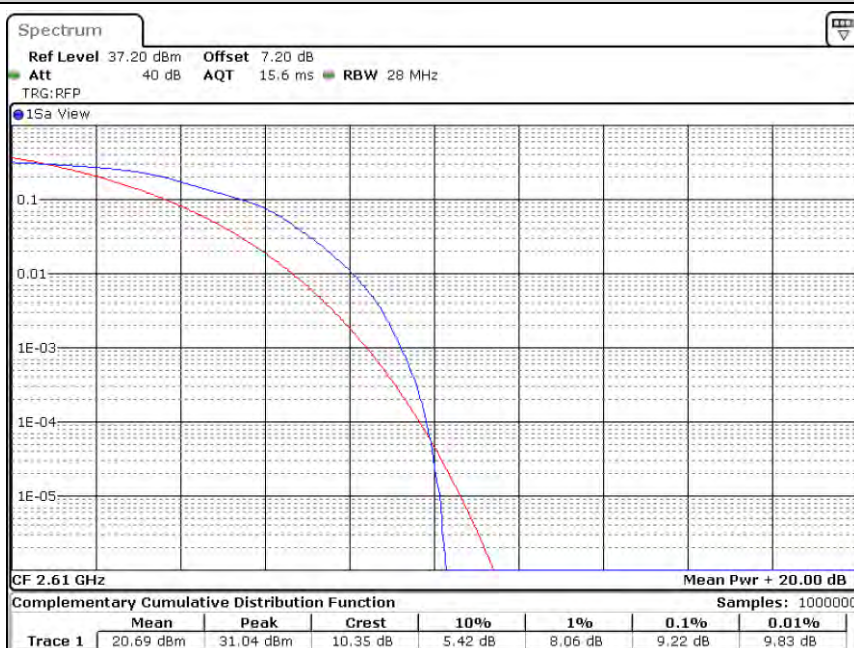


Band38-20MHz-16QAM-38000-100RB#0



Date: 5.MAY 2021 08:42:49

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



Date: 5.MAY 2021 08:43:12

Remark: all modulation and all Bandwidth had been tested, but only the worst configuration was displayed in this report.



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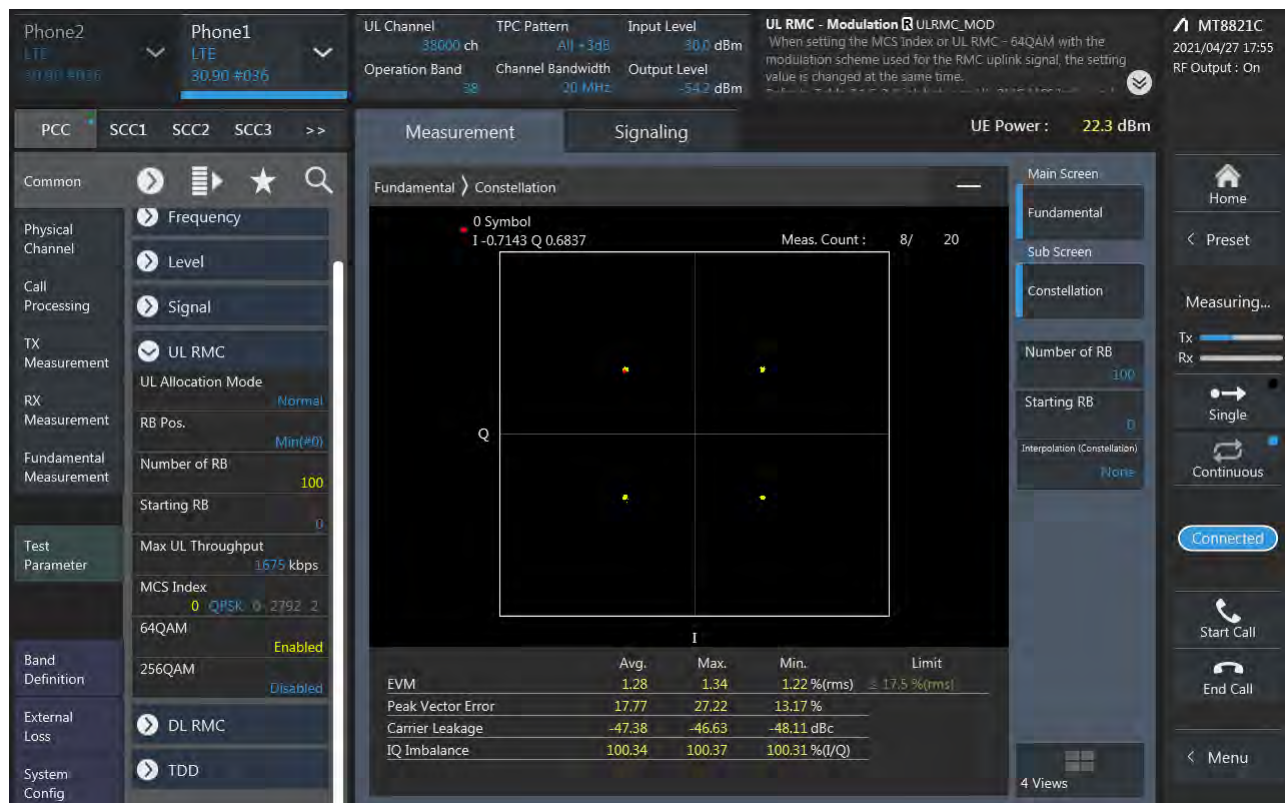
Member of the SGS Group (SGS SA)



3. Modulation Characteristics

3.1. Test Mode = LTE /TM1 20MHz

3.1.1. Test Channel = MCH



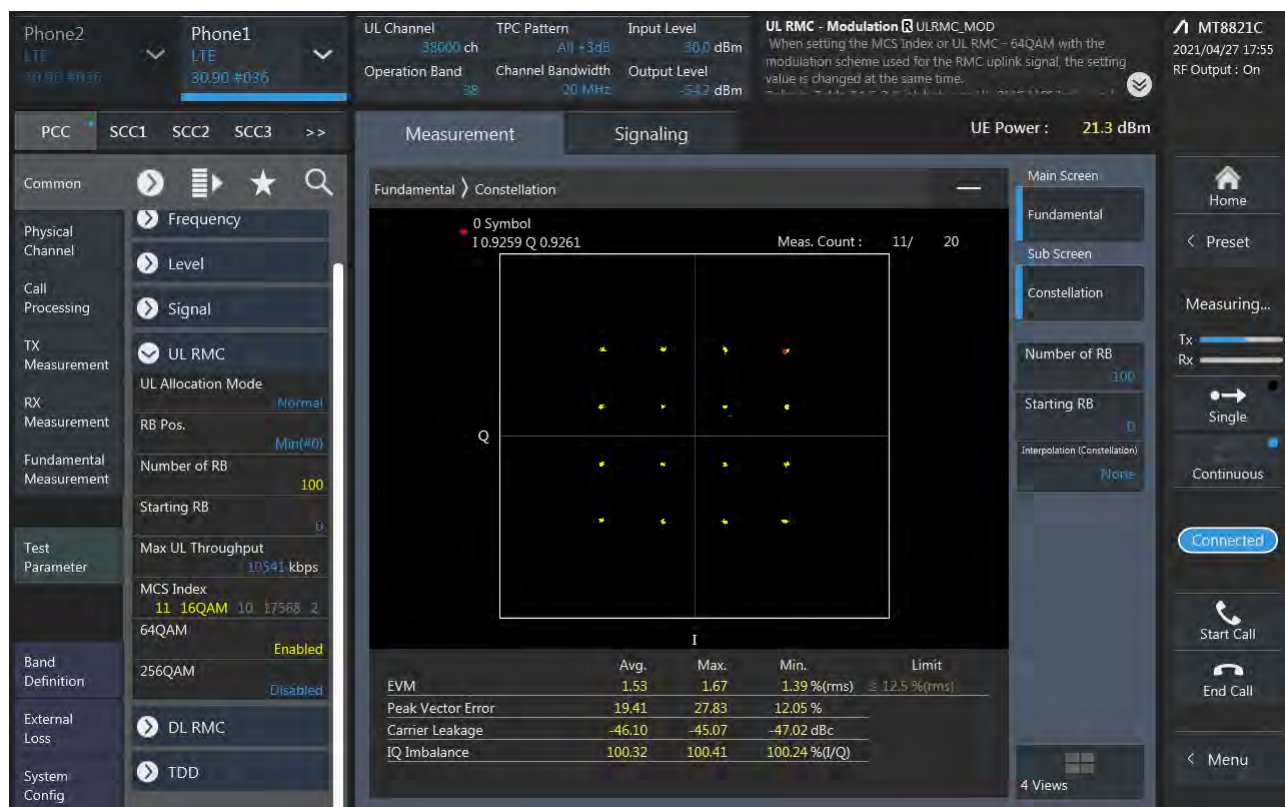
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3.2. Test Mode = LTE /TM2 20MHz

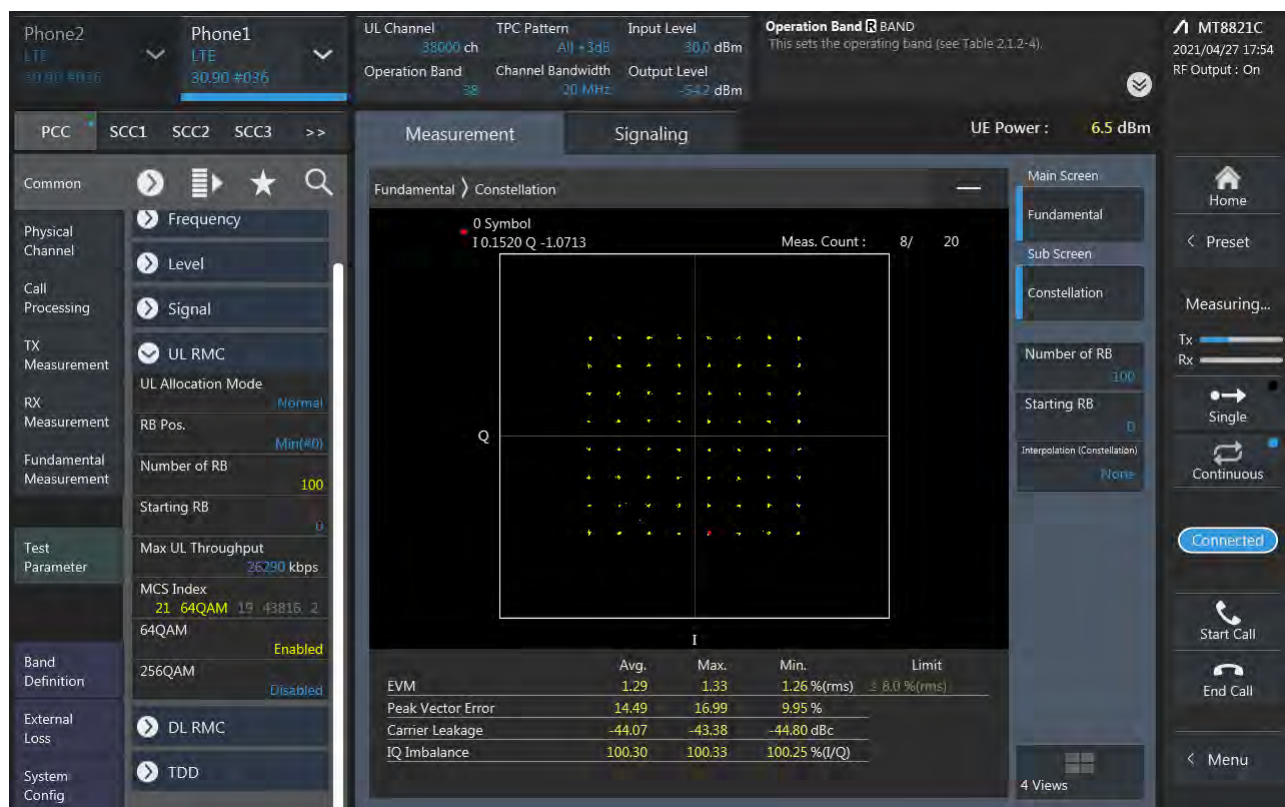
3.2.1. Test Channel = MCH





3.3. Test Mode = LTE /TM3 20MHz

3.3.1. Test Channel = MCH





4. 26dB Bandwidth and Occupied Bandwidth

4.1. Test Result

Band	Bandwidth	Modulation	Channel	RB Configuration	Occupied Bandwidth (MHz)	26dB Bandwidth (MHz)	Verdict
Band38	5MHz	QPSK	37775	25RB#0	4.476	4.900	PASS
Band38	5MHz	QPSK	38000	25RB#0	4.476	4.900	PASS
Band38	5MHz	QPSK	38225	25RB#0	4.476	4.890	PASS
Band38	5MHz	64QAM	37775	25RB#0	4.486	5.000	PASS
Band38	5MHz	64QAM	38000	25RB#0	4.486	5.010	PASS
Band38	5MHz	64QAM	38225	25RB#0	4.486	5.010	PASS
Band38	5MHz	16QAM	37775	25RB#0	4.496	4.900	PASS
Band38	5MHz	16QAM	38000	25RB#0	4.496	4.900	PASS
Band38	5MHz	16QAM	38225	25RB#0	4.486	4.890	PASS
Band38	10MHz	QPSK	37800	50RB#0	8.911	9.640	PASS
Band38	10MHz	QPSK	38000	50RB#0	8.911	9.700	PASS
Band38	10MHz	QPSK	38200	50RB#0	8.911	9.700	PASS
Band38	10MHz	64QAM	37800	50RB#0	8.931	10.140	PASS
Band38	10MHz	64QAM	38000	50RB#0	8.951	10.060	PASS
Band38	10MHz	64QAM	38200	50RB#0	8.951	10.260	PASS
Band38	10MHz	16QAM	37800	50RB#0	8.931	9.760	PASS
Band38	10MHz	16QAM	38000	50RB#0	8.931	9.820	PASS
Band38	10MHz	16QAM	38200	50RB#0	8.931	9.780	PASS
Band38	15MHz	QPSK	37825	75RB#0	13.516	15.630	PASS
Band38	15MHz	QPSK	38000	75RB#0	13.516	15.690	PASS
Band38	15MHz	QPSK	38175	75RB#0	13.516	16.170	PASS
Band38	15MHz	64QAM	37825	75RB#0	13.487	15.270	PASS
Band38	15MHz	64QAM	38000	75RB#0	13.457	14.910	PASS
Band38	15MHz	64QAM	38175	75RB#0	13.457	14.850	PASS
Band38	15MHz	16QAM	37825	75RB#0	13.487	15.300	PASS
Band38	15MHz	16QAM	38000	75RB#0	13.457	15.450	PASS
Band38	15MHz	16QAM	38175	75RB#0	13.457	15.840	PASS
Band38	20MHz	QPSK	37850	100RB#0	17.942	20.160	PASS
Band38	20MHz	QPSK	38000	100RB#0	17.902	19.960	PASS
Band38	20MHz	QPSK	38150	100RB#0	17.942	19.920	PASS
Band38	20MHz	64QAM	37850	100RB#0	17.902	19.280	PASS



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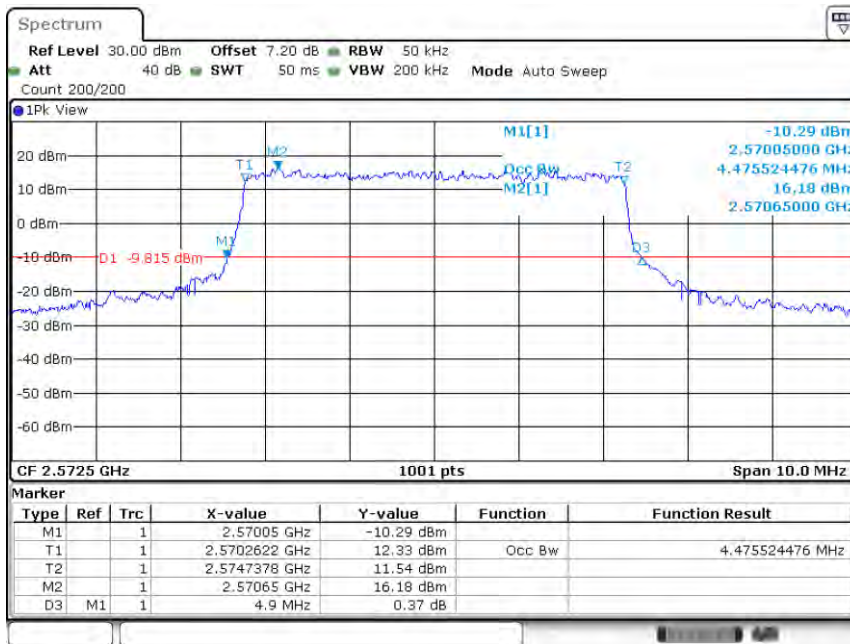
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Band38	20MHz	64QAM	38000	100RB#0	17.902	19.280	PASS
Band38	20MHz	64QAM	38150	100RB#0	17.902	19.480	PASS
Band38	20MHz	16QAM	37850	100RB#0	17.862	19.280	PASS
Band38	20MHz	16QAM	38000	100RB#0	17.862	19.240	PASS
Band38	20MHz	16QAM	38150	100RB#0	17.902	19.320	PASS

4.2. Test Plots

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



Date: 10 MAY 2021 02:05:31



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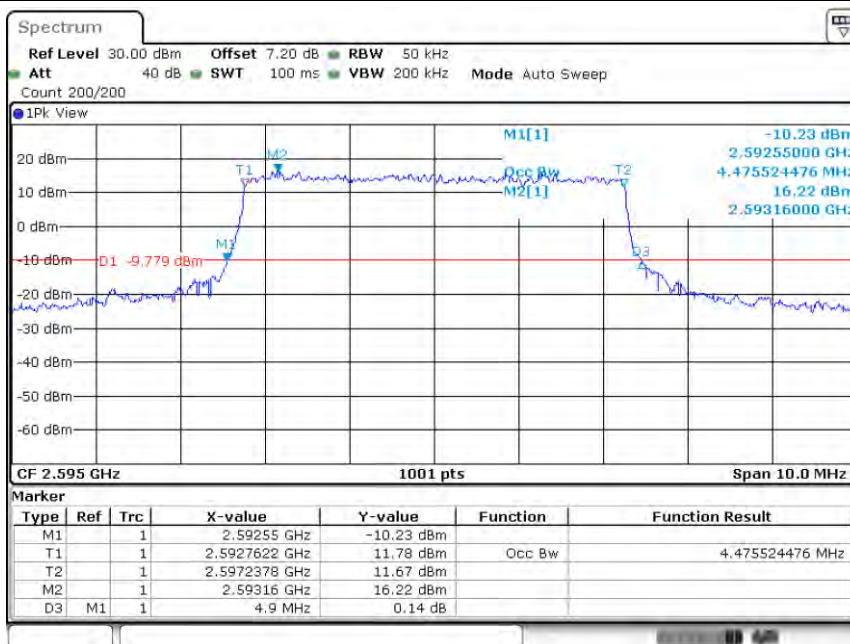
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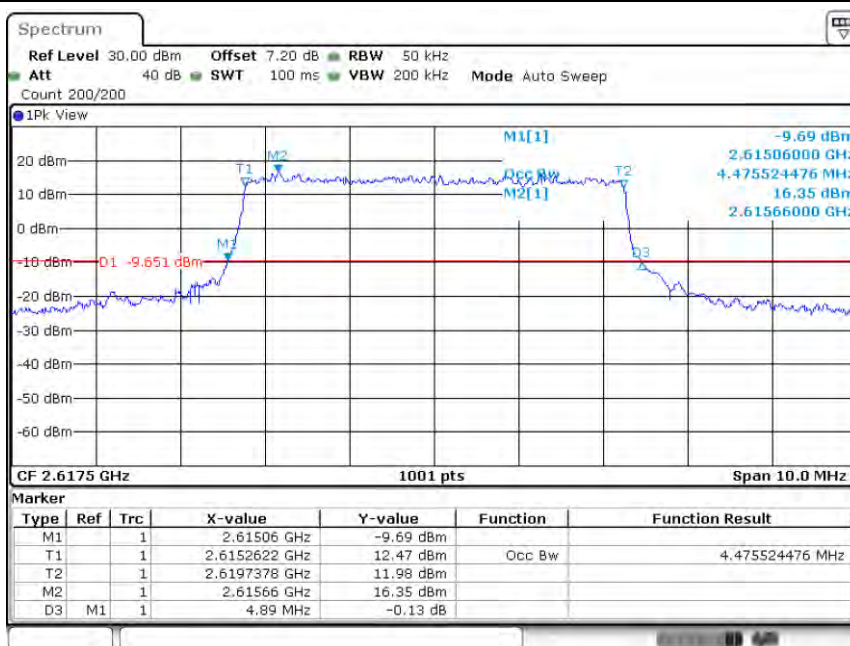


Band38-5MHz-QPSK-38000-25RB#0-4.476



Date: 10.MAY.2021 02:06:37

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



Date: 10.MAY.2021 02:07:49

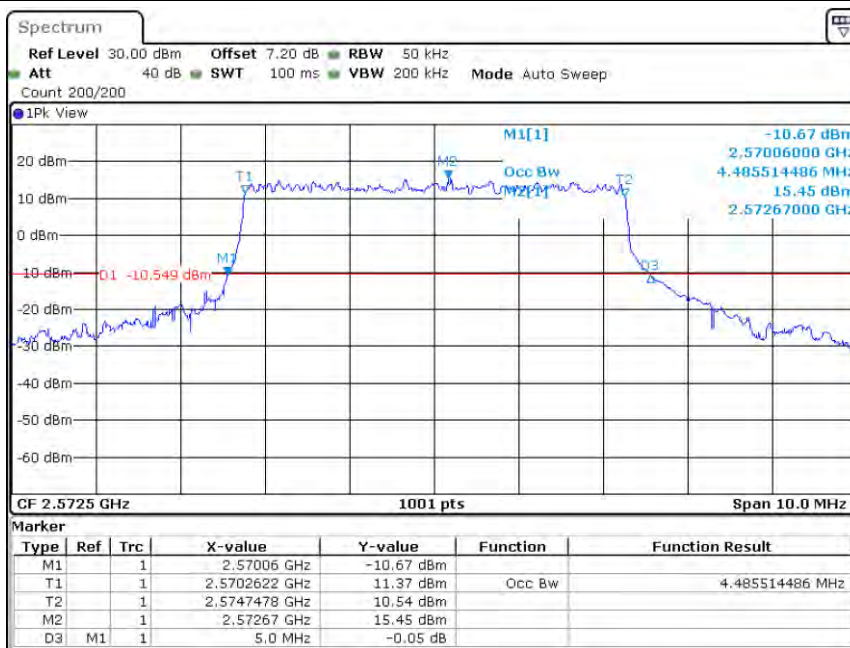


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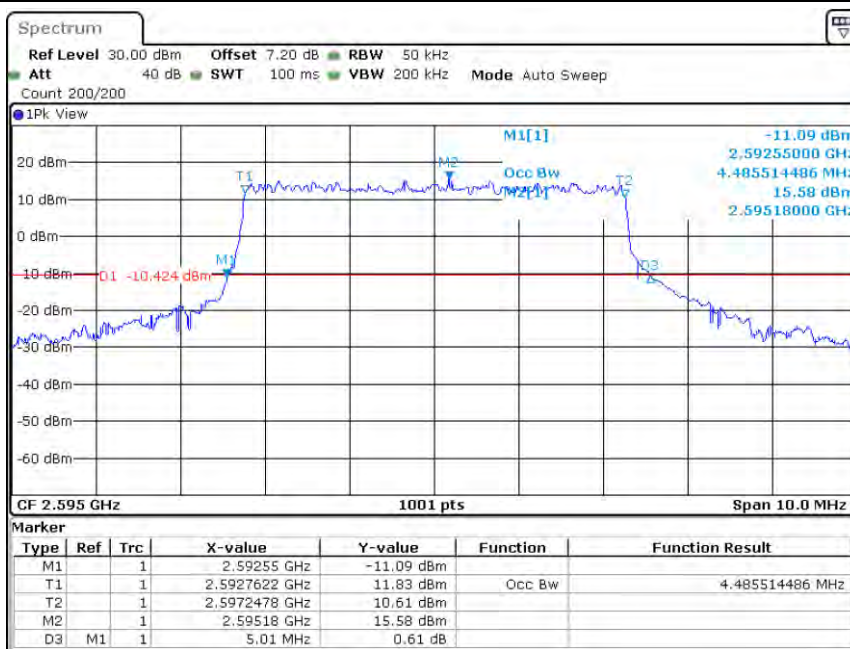


Band38-5MHz-64QAM-37775-25RB#0-4.486



Date: 5.MAY 2021 09:14:46

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



Date: 5.MAY 2021 09:15:18

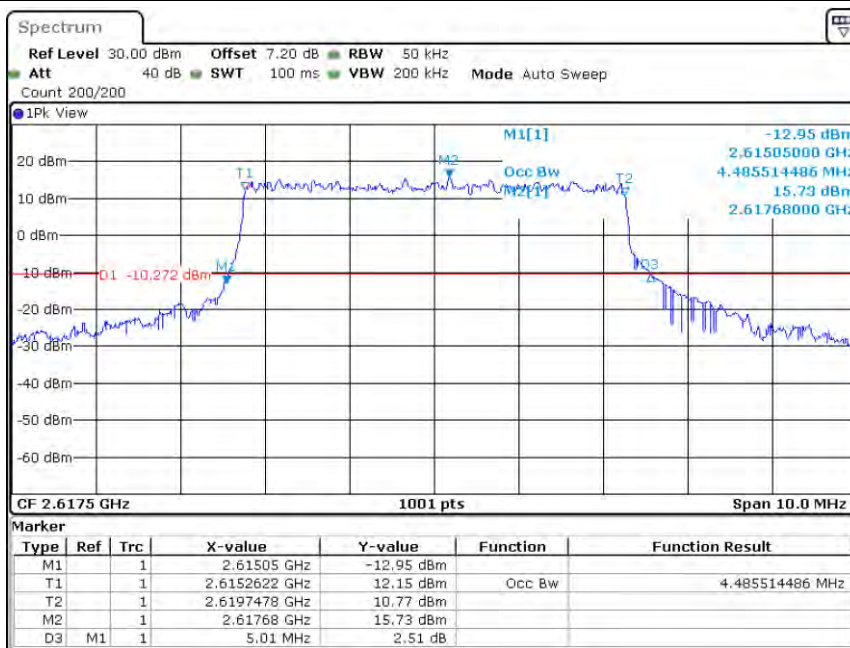


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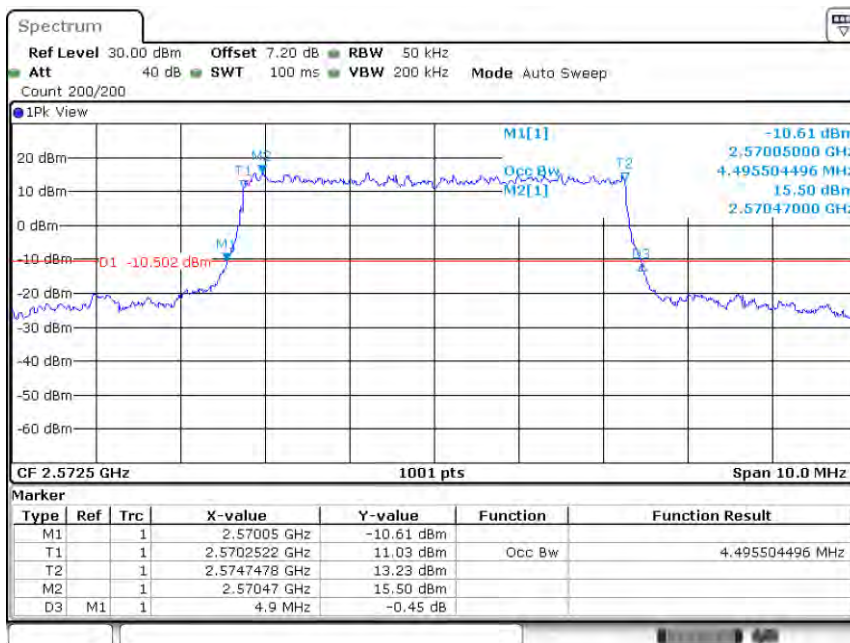


Band38-5MHz-64QAM-38225-25RB#0-4.486



Date: 5.MAY.2021 09:15:51

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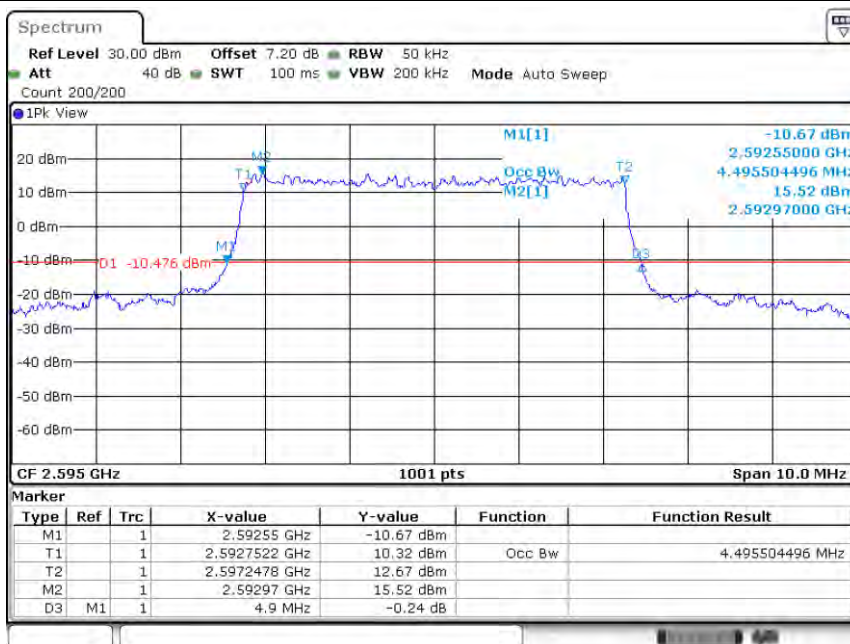


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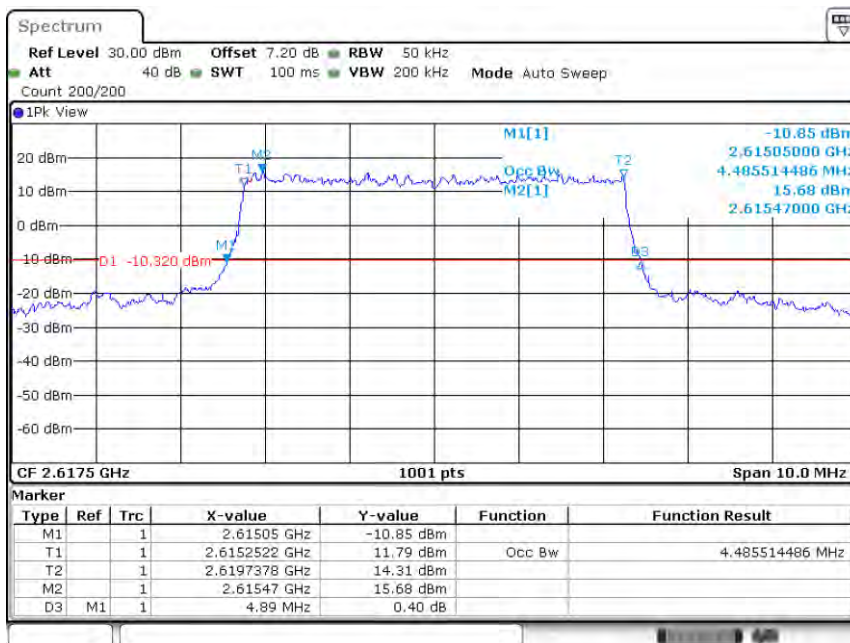


Band38-5MHz-16QAM-38000-25RB#0-4.496



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



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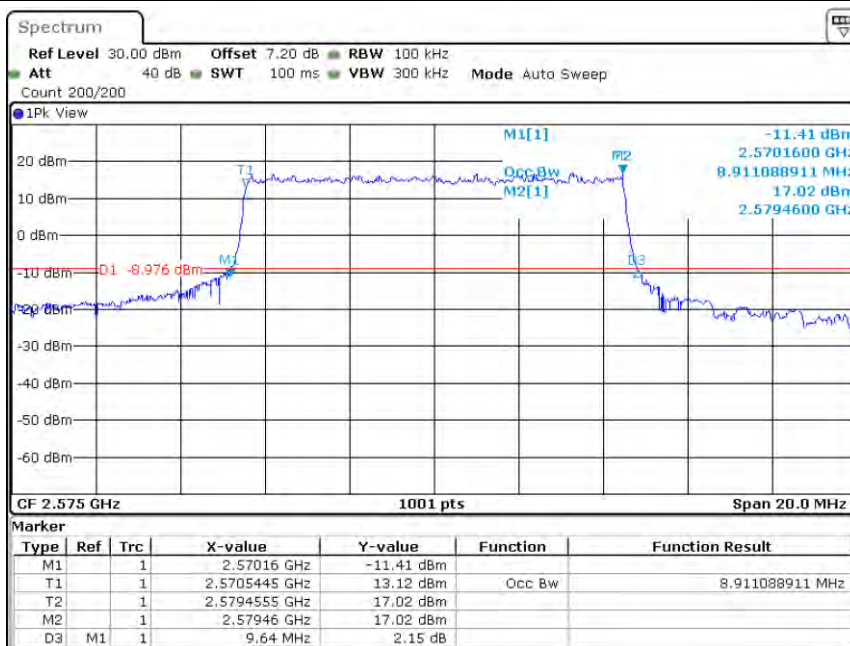


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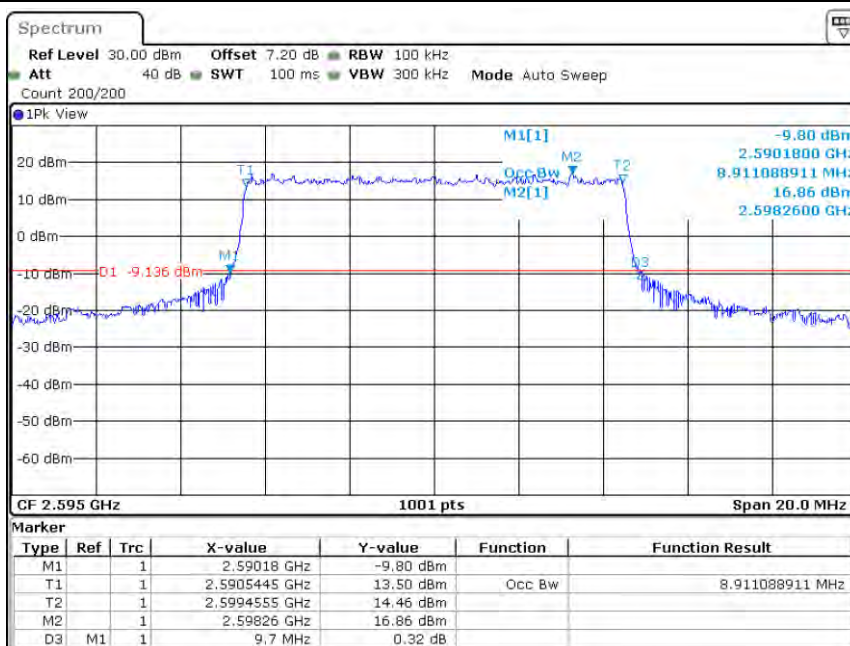


Band38-10MHz-QPSK-37800-50RB#0-8.911



Date: 4 MAY 2021 08:47:40

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



Date: 4 MAY 2021 08:48:45



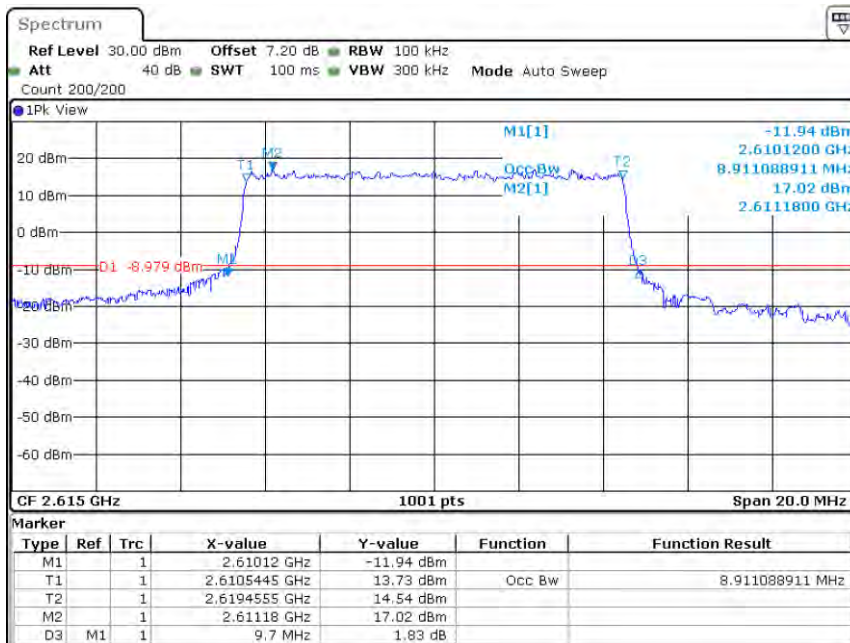
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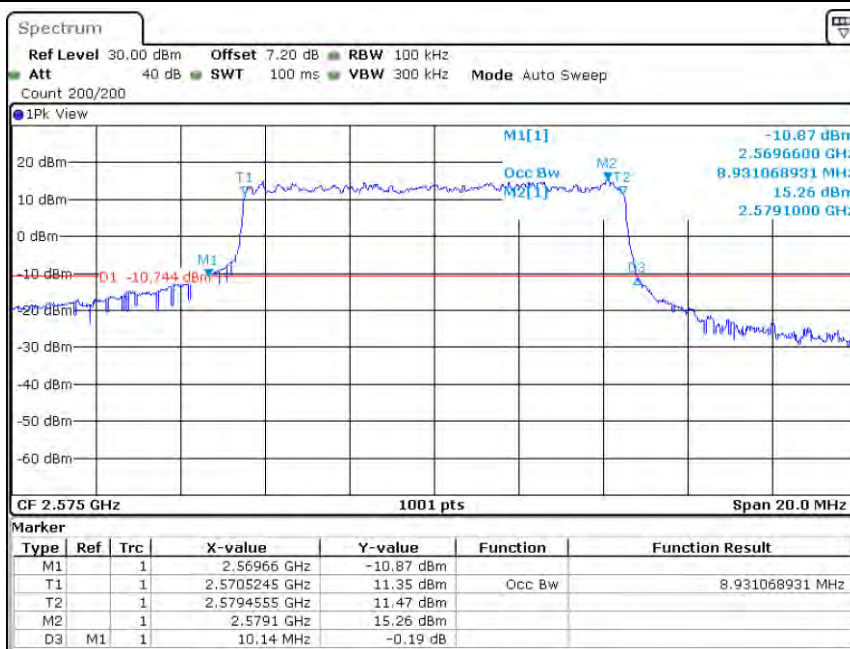


Band38-10MHz-QPSK-38200-50RB#0-8.911



Date: 4.MAY 2021 08:49:50

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



Date: 5.MAY 2021 09:16:31



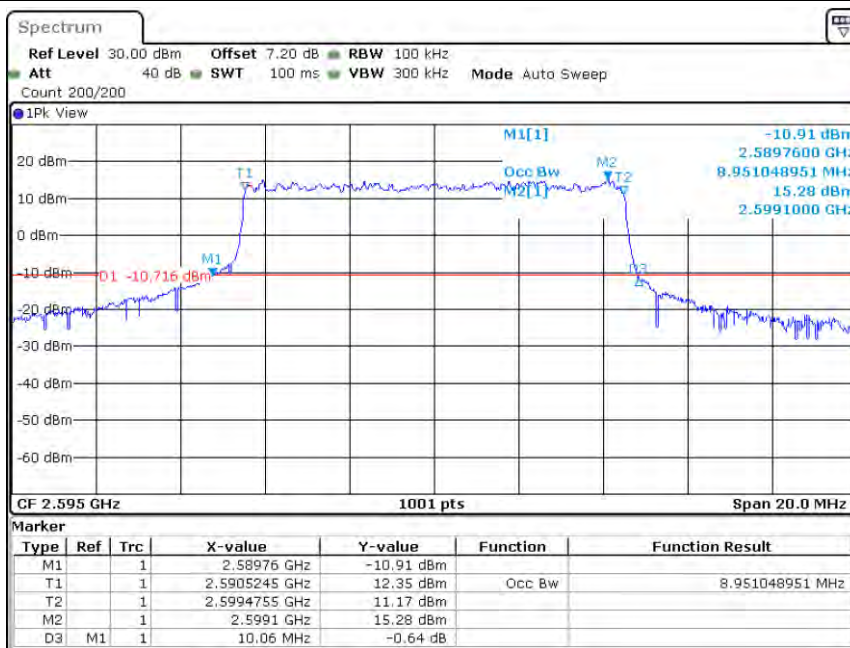
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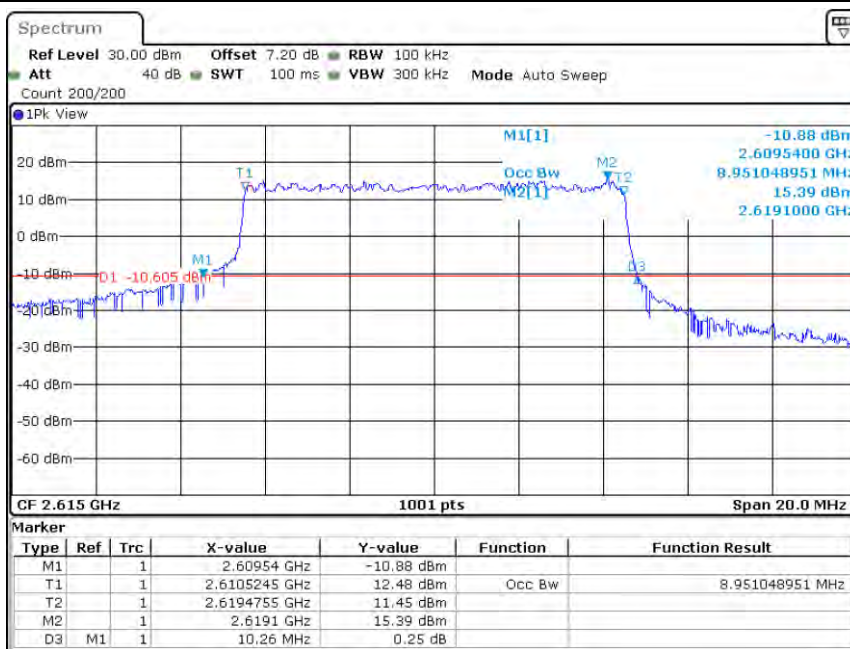


Band38-10MHz-64QAM-38000-50RB#0-8.951



Date: 5.MAY 2021 09:17:04

Band38-10MHz-64QAM-38200-50RB#0-8.951



Date: 5.MAY 2021 09:17:37



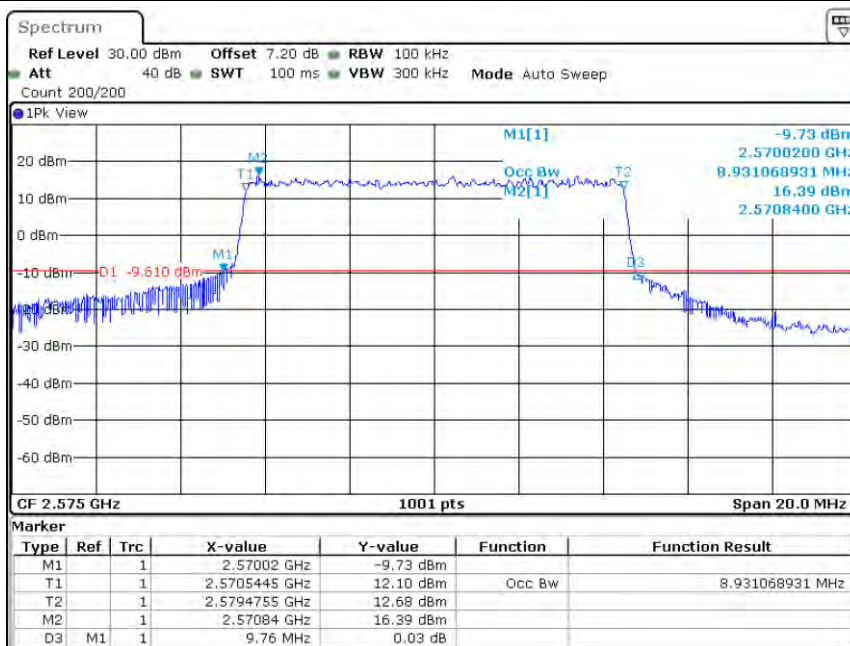
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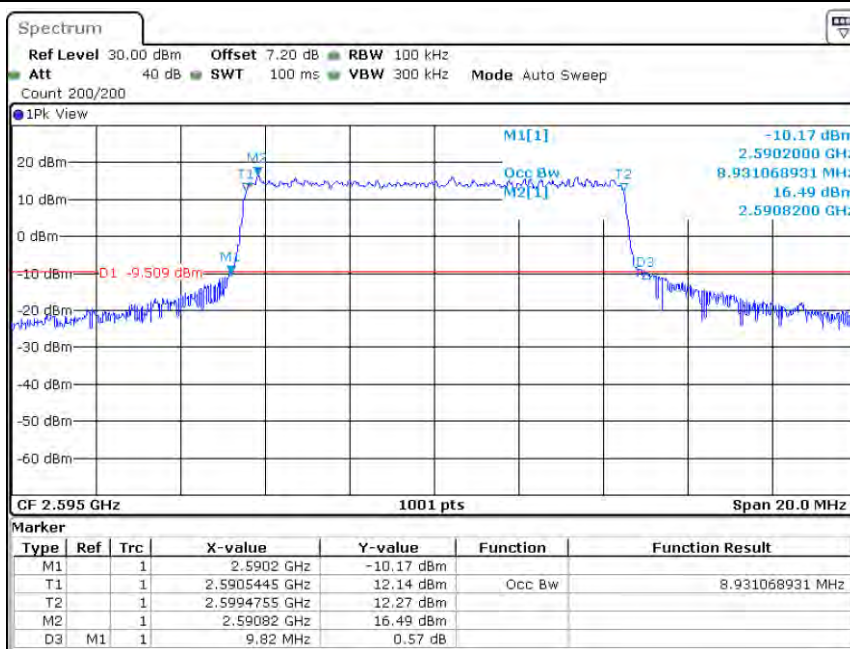


Band38-10MHz-16QAM-37800-50RB#0-8.931



Date: 4 MAY 2021 08:48:12

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



Date: 4 MAY 2021 08:49:17

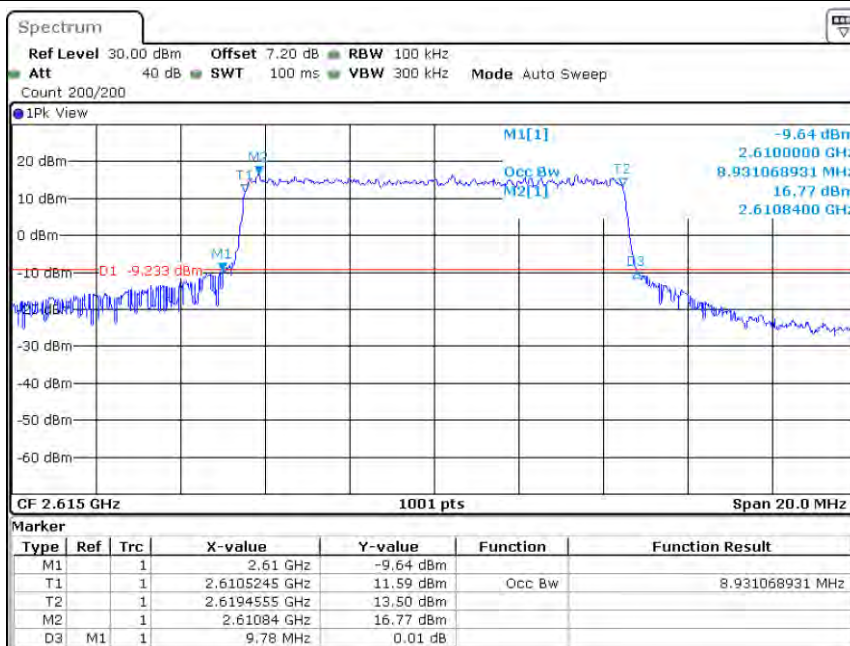


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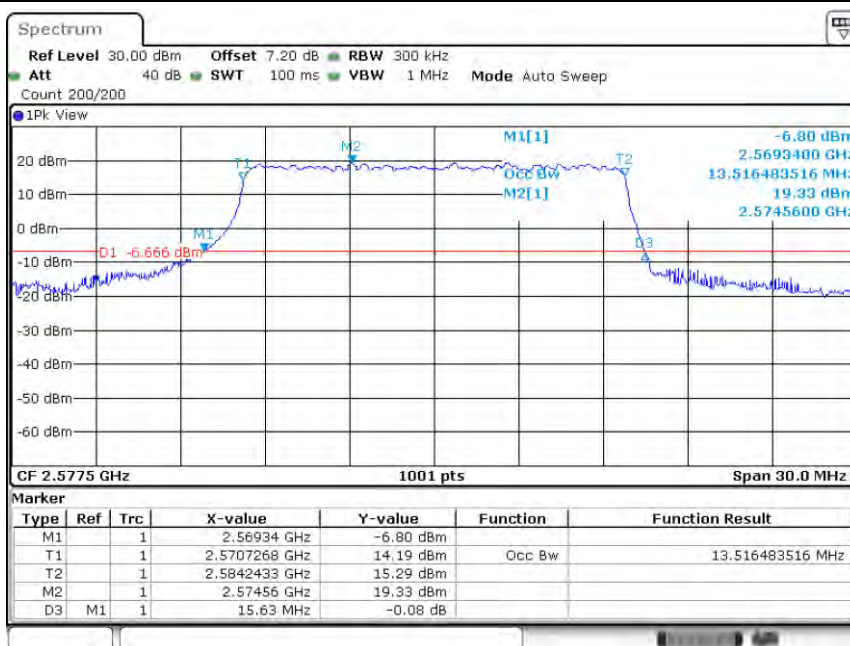


Band38-10MHz-16QAM-38200-50RB#0-8.931



Date: 4.MAY.2021 08:50:23

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



Date: 10.MAY.2021 02:15:46



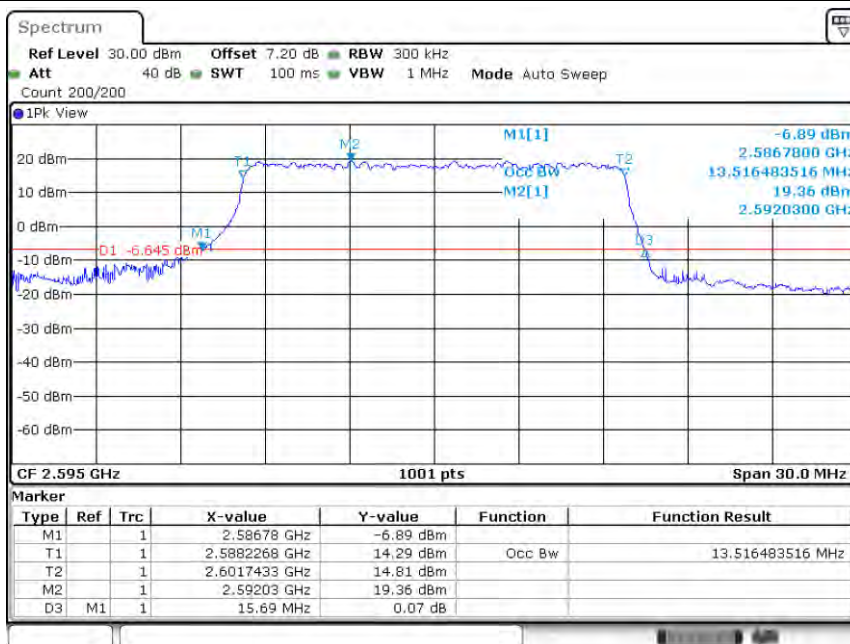
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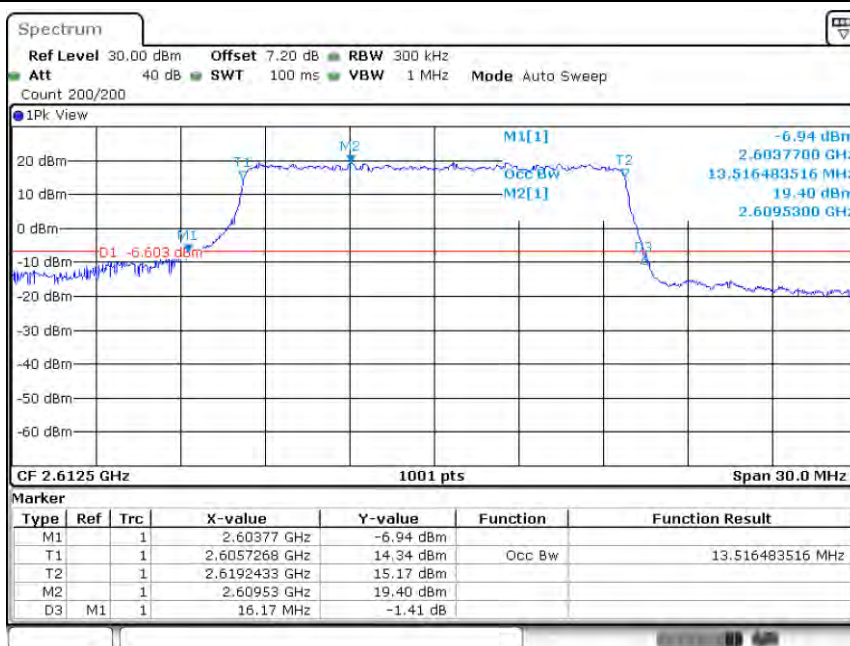


Band38-15MHz-QPSK-38000-75RB#0-13.516



Date: 10.MAY.2021 02:17:22

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



Date: 10.MAY.2021 02:18:46

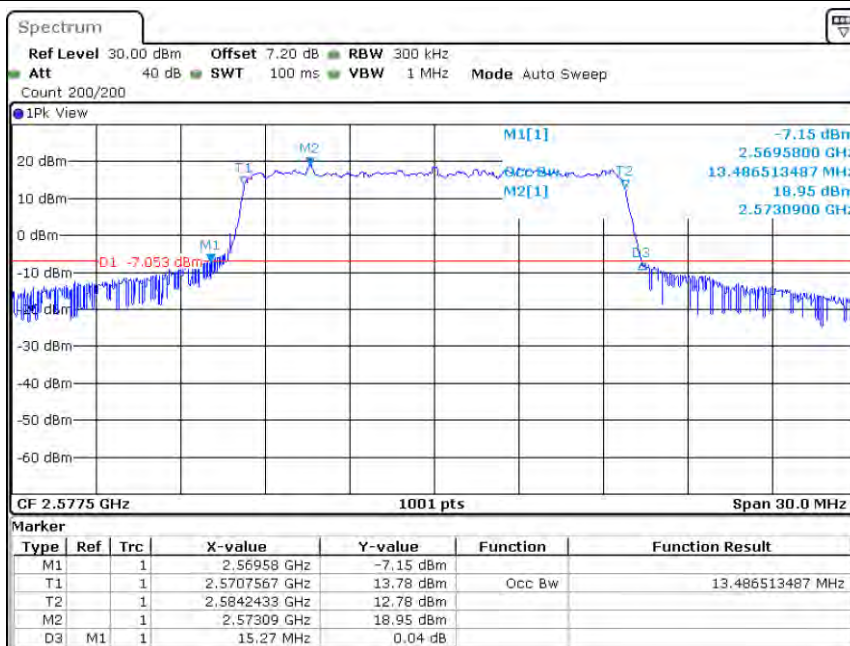


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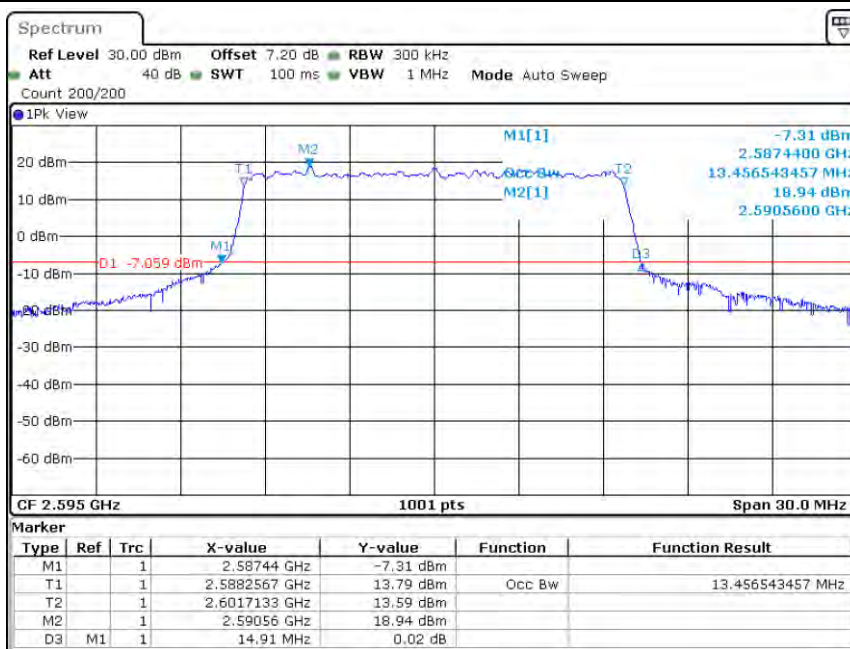


Band38-15MHz-64QAM-37825-75RB#0-13.487



Date: 5.MAY 2021 09:18:16

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

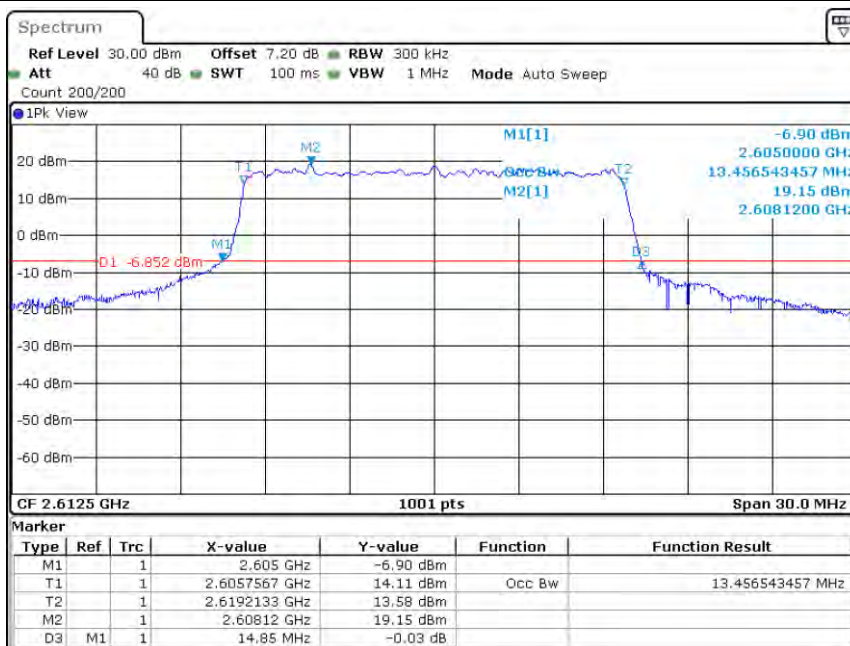


Date: 5.MAY 2021 09:18:49



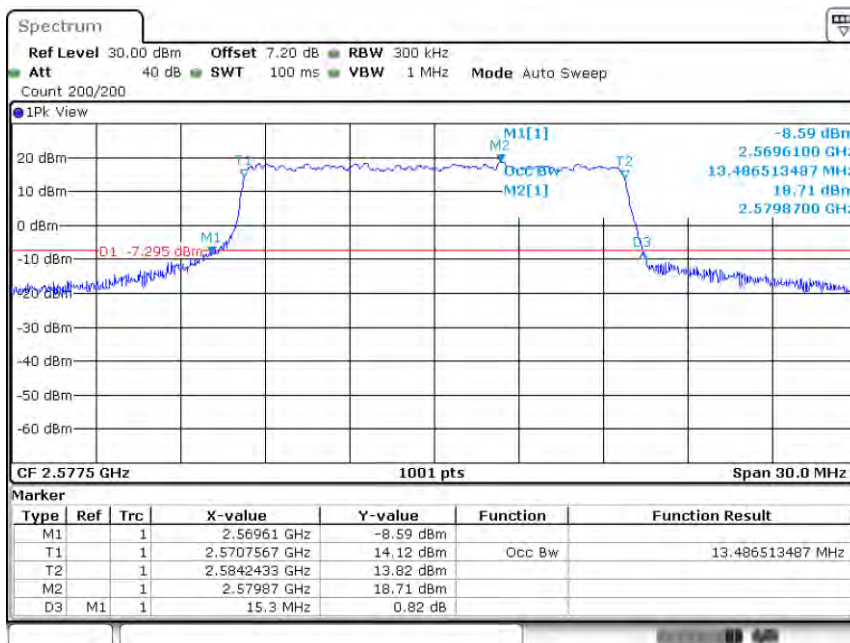


Band38-15MHz-64QAM-38175-75RB#0-13.457



Date: 5.MAY.2021 09:19:22

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



Date: 10.MAY.2021 02:16:33



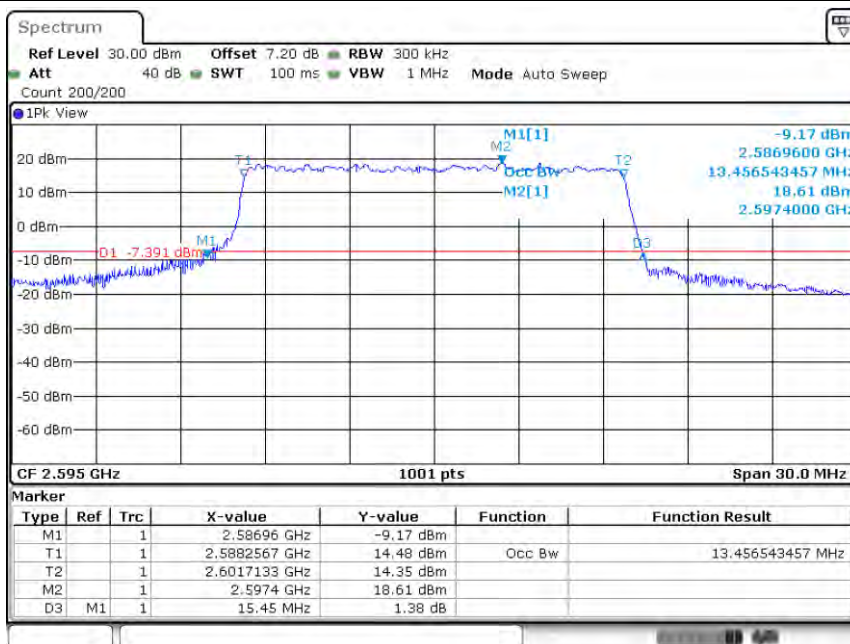
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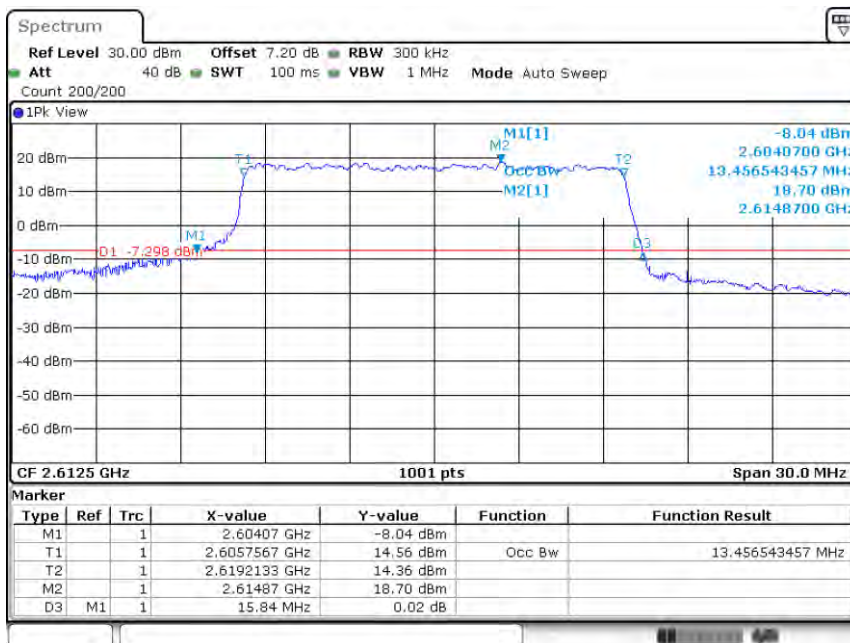


Band38-15MHz-16QAM-38000-75RB#0-13.457



Date: 10.MAY.2021 02:18:14

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



Date: 10.MAY.2021 02:20:03

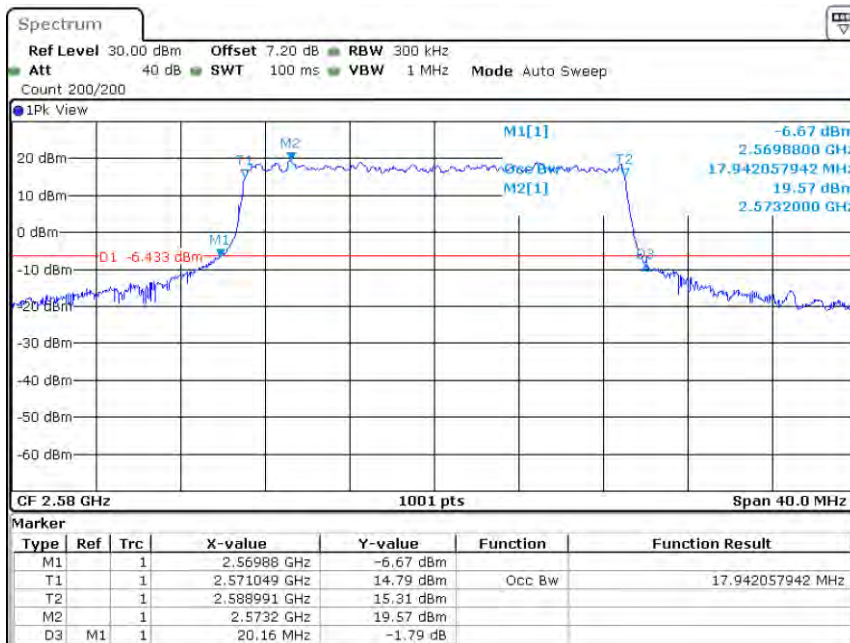


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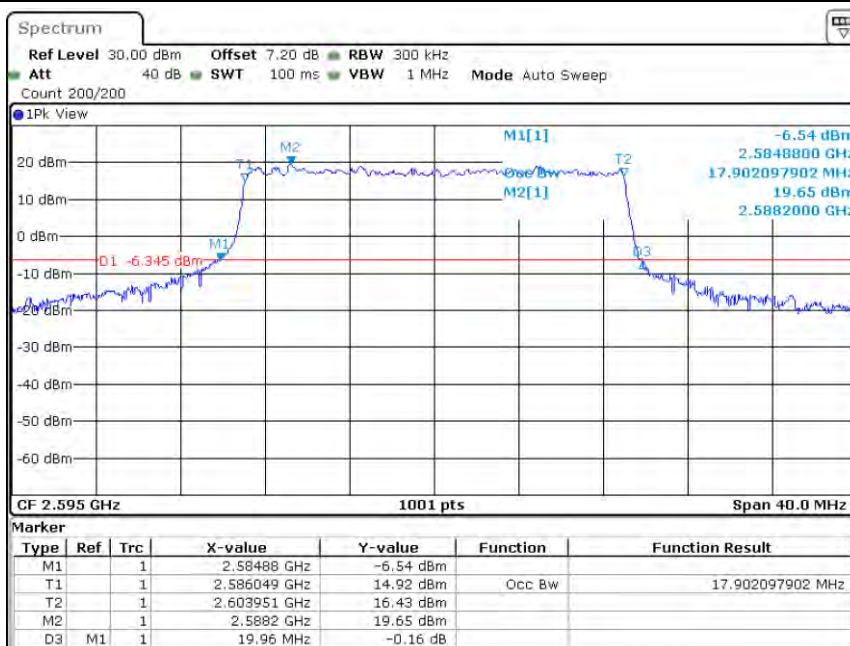


Band38-20MHz-QPSK-37850-100RB#0-17.942



Date: 4.MAY 2021 08:54:23

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



Date: 4.MAY 2021 08:55:33

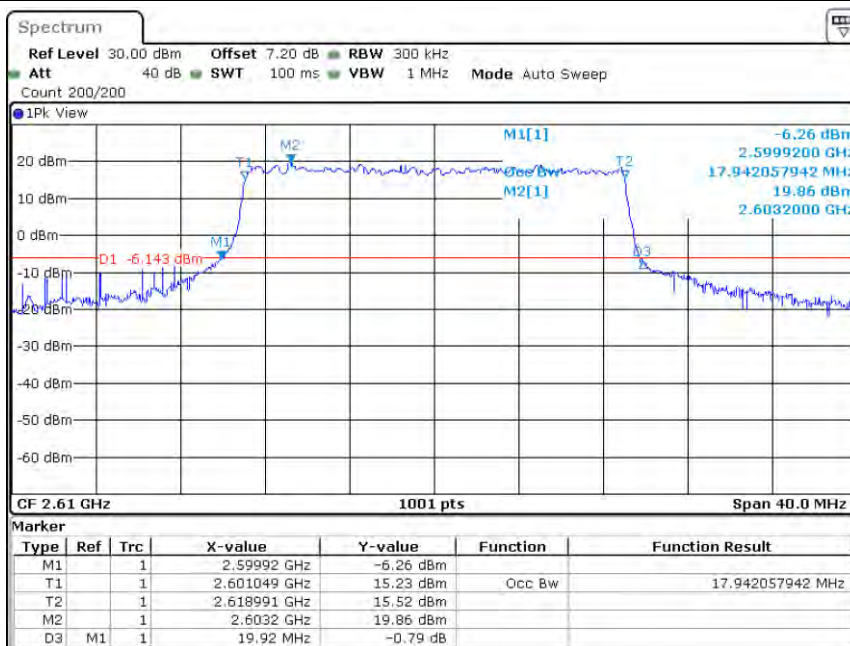


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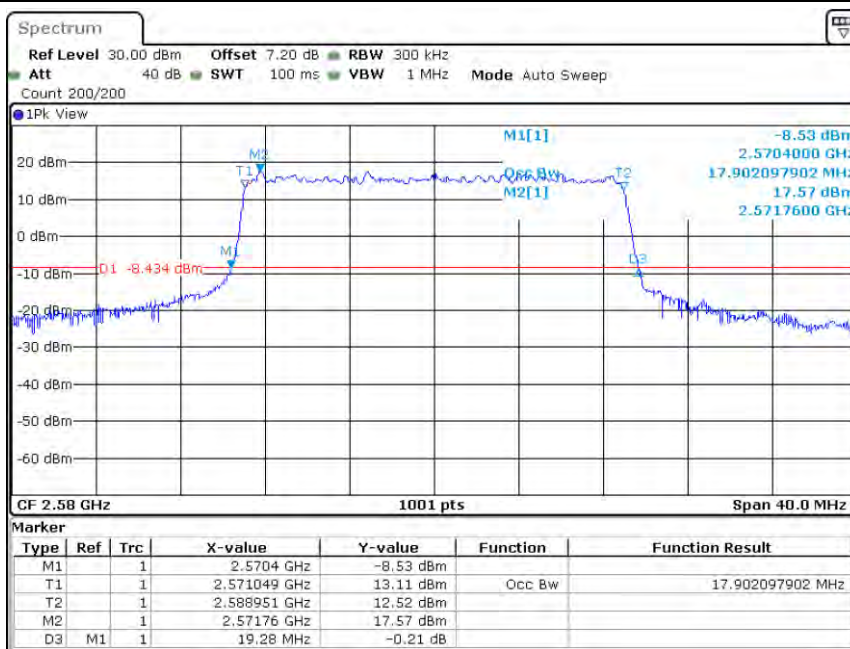


Band38-20MHz-QPSK-38150-100RB#0-17.942



Date: 4.MAY 2021 08:56:38

Band38-20MHz-64QAM-37850-100RB#0-17.902



Date: 5.MAY 2021 09:20:02



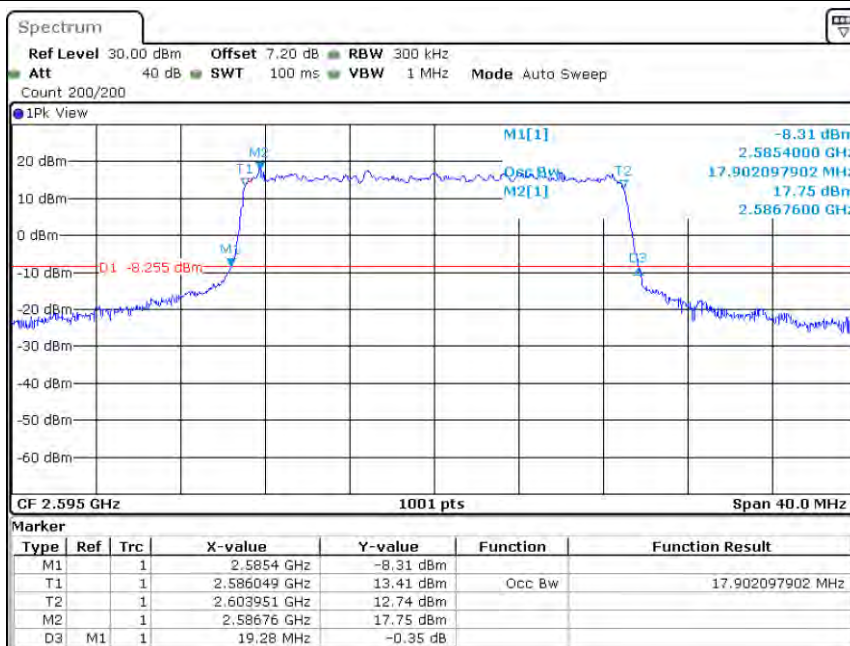
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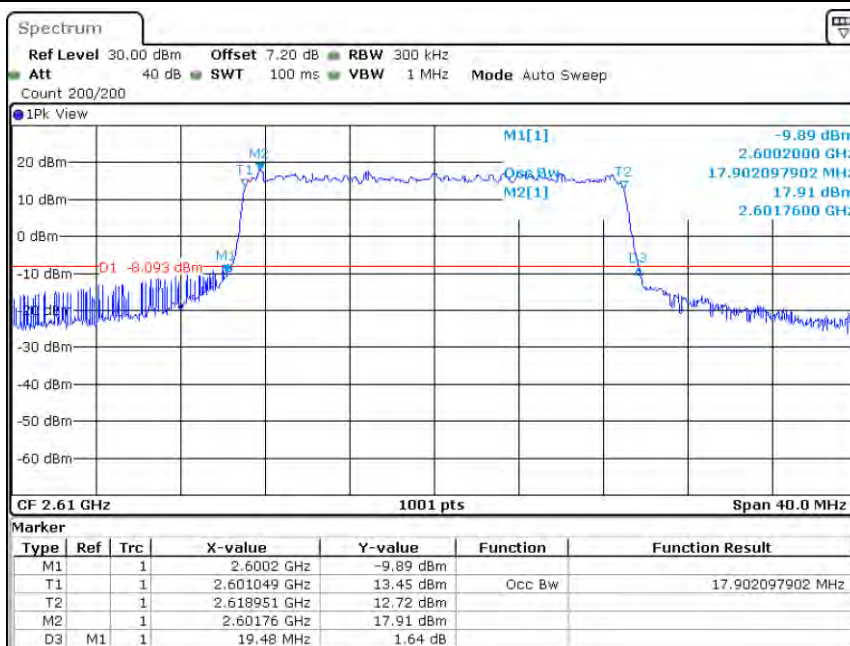


Band38-20MHz-64QAM-38000-100RB#0-17.902



Date: 5.MAY 2021 09:20:34

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



Date: 5.MAY 2021 09:21:07

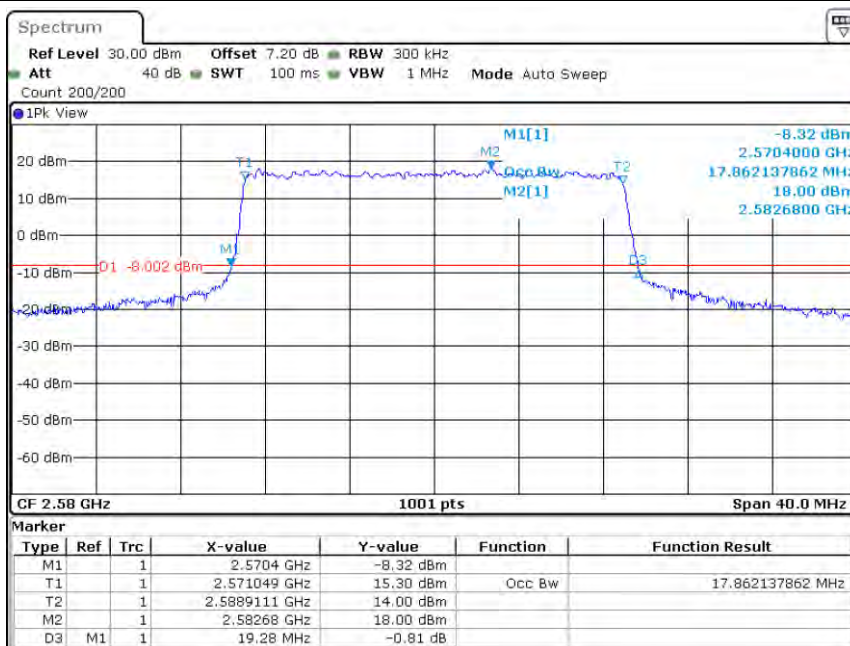


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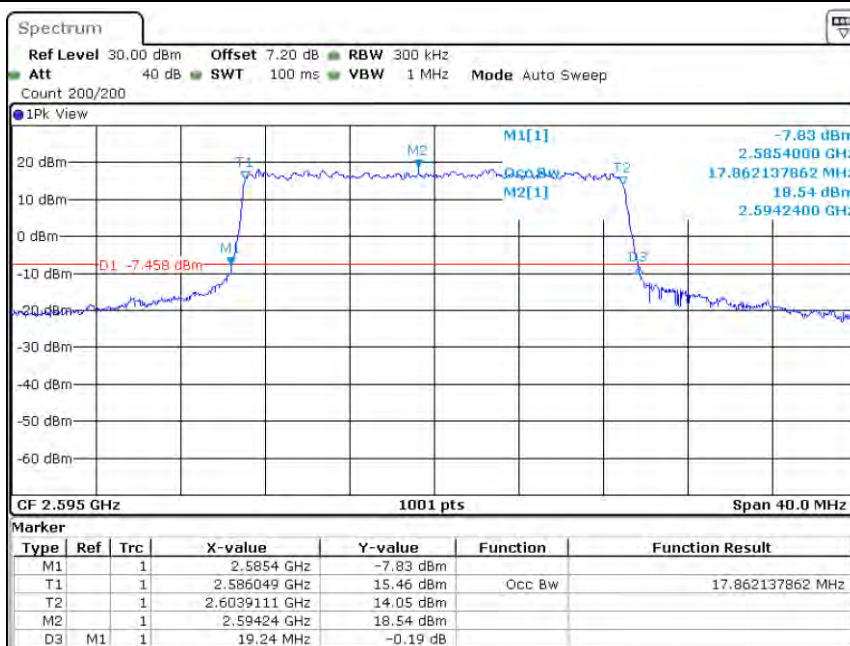


Band38-20MHz-16QAM-37850-100RB#0-17.862



Date: 4 MAY 2021 08:54:55

Band38-20MHz-16QAM-38000-100RB#0-17.862



Date: 4 MAY 2021 08:56:05

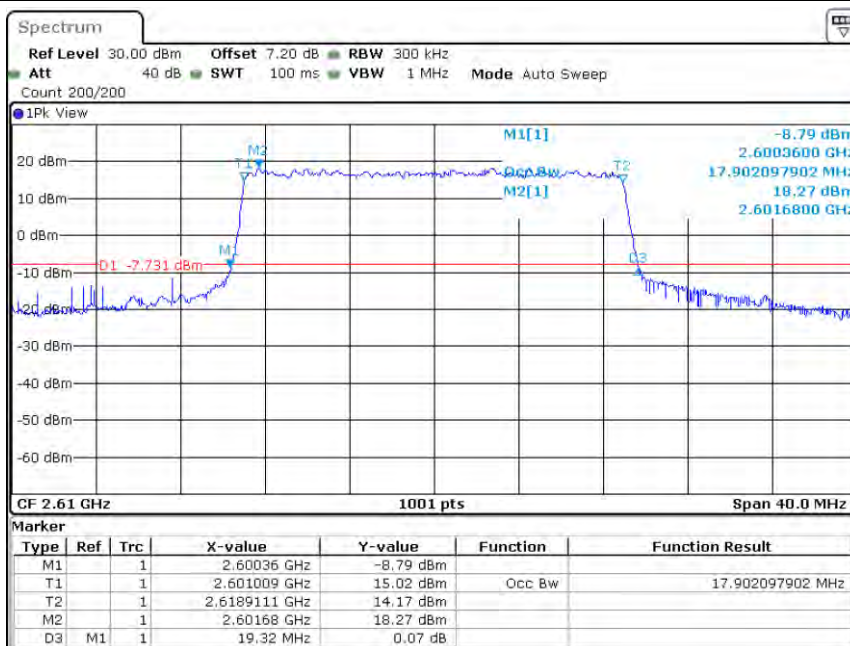


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Band38-20MHz-16QAM-38150-100RB#0-17.902



Date: 4.MAY 2021 08:57:11



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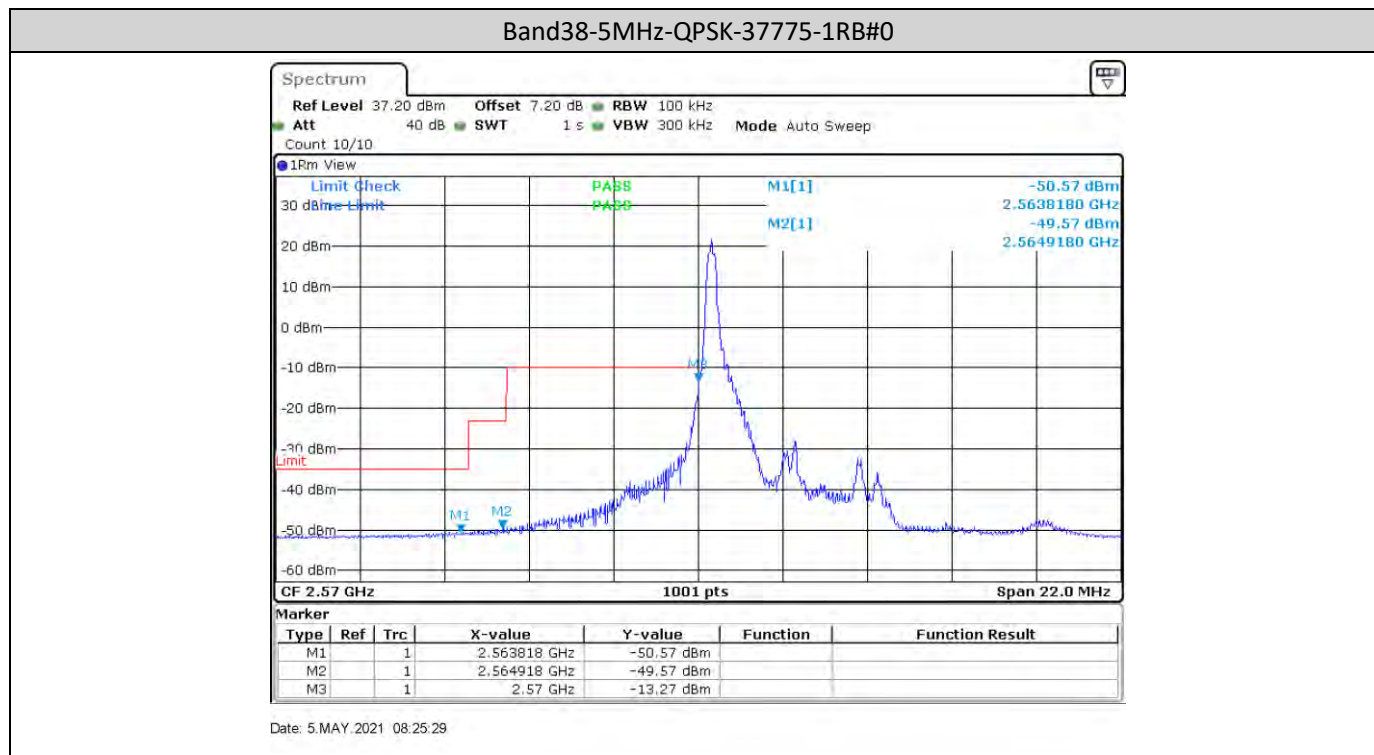
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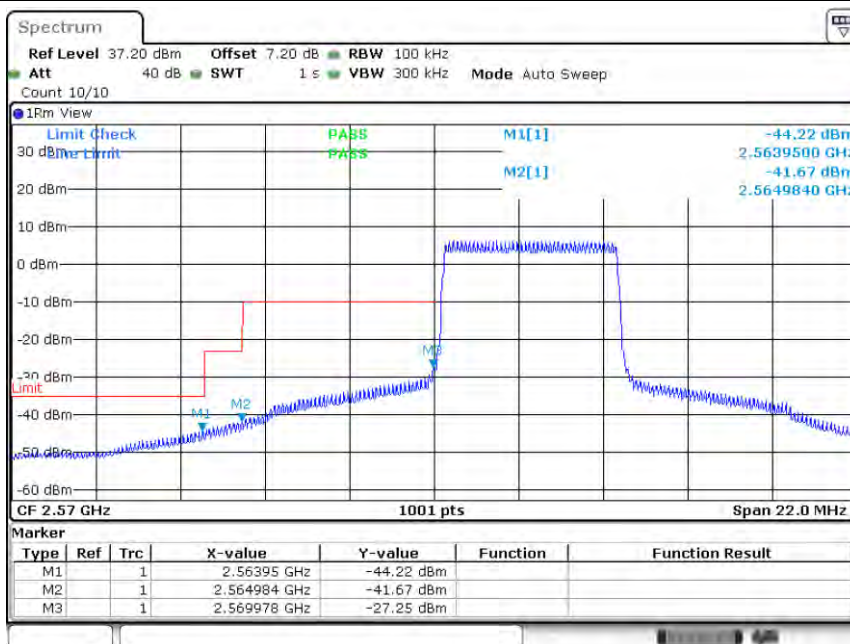
5. Band Edge Compliance

5.1. Test Plots



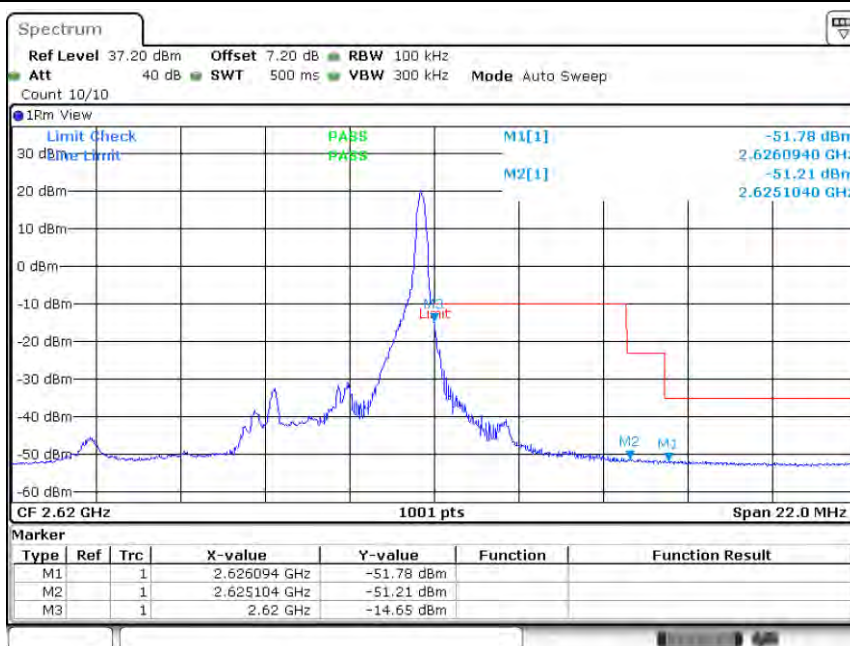


Band38-5MHz-QPSK-37775-25RB#0



Date: 10.MAY.2021 02:21:41

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

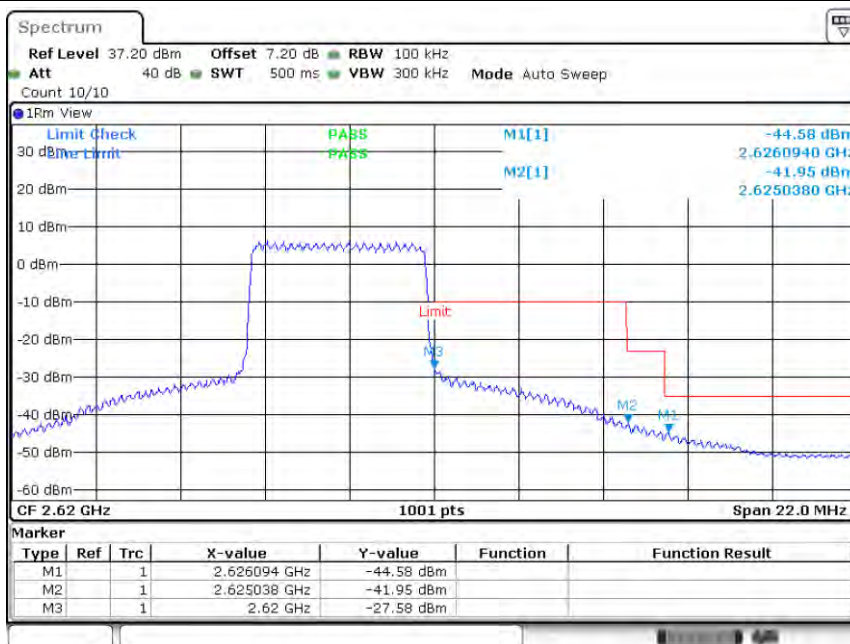


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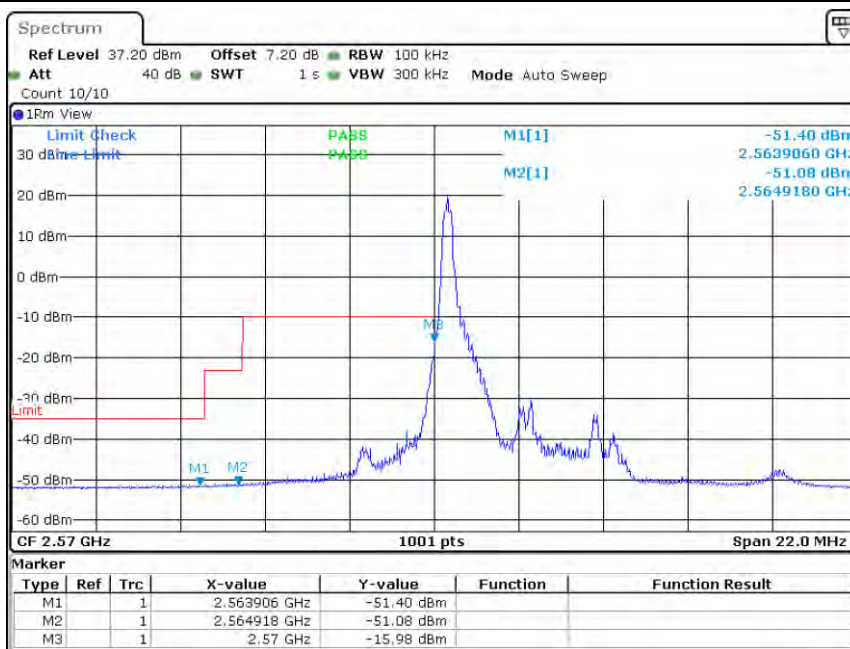


Band38-5MHz-QPSK-38225-25RB#0



Date: 10.MAY.2021 02:23:25

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



Date: 5.MAY.2021 09:21:36



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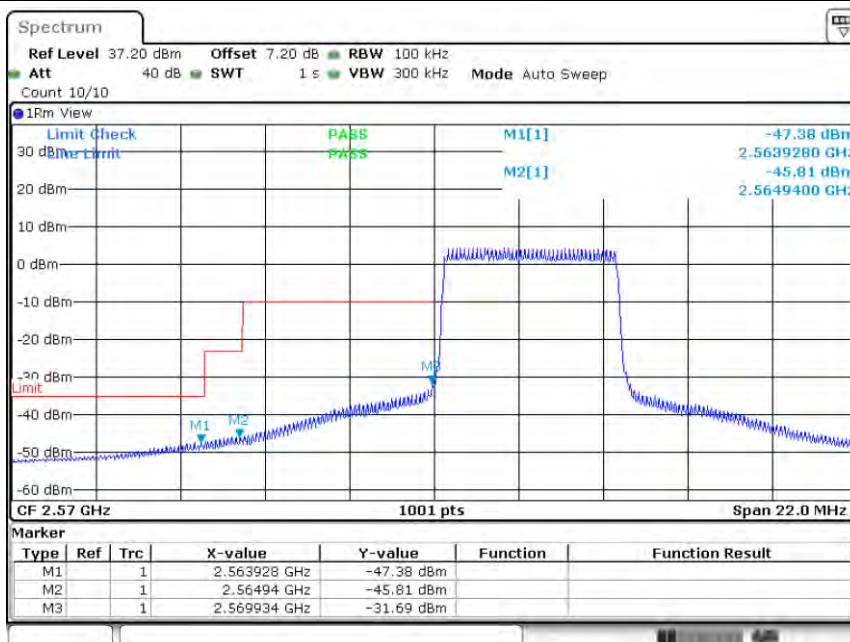
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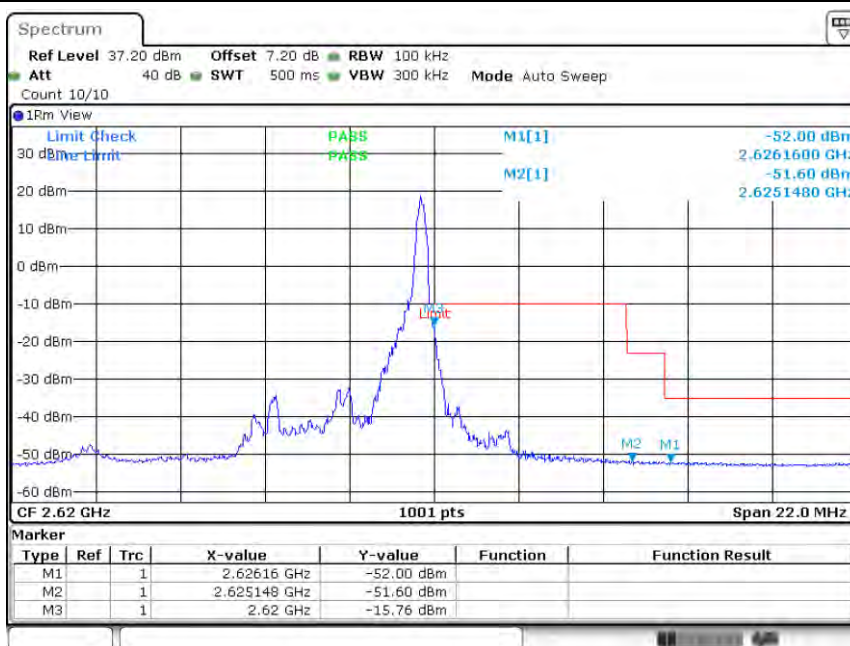


Band38-5MHz-64QAM-37775-25RB#0



Date: 10.MAY.2021 02:34:25

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



Date: 10.MAY.2021 02:33:48

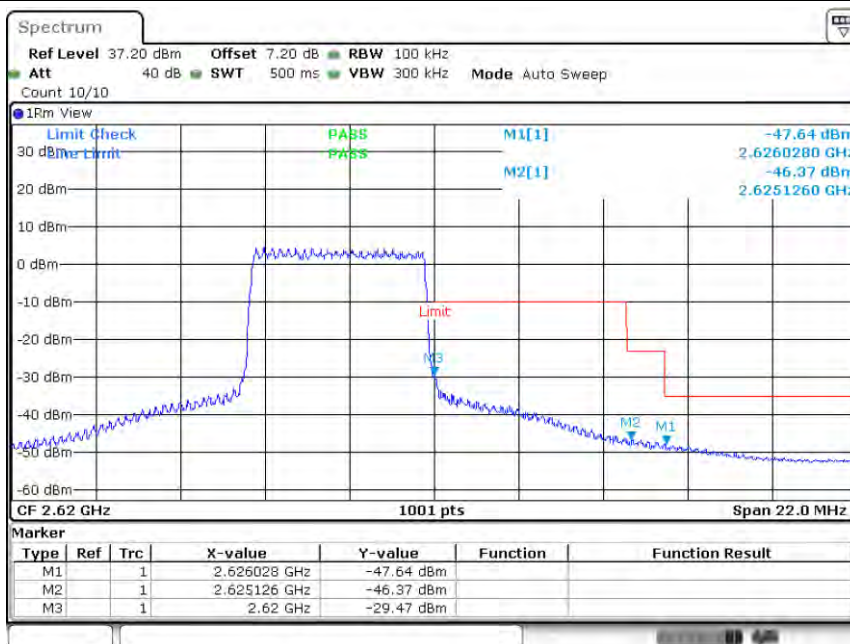


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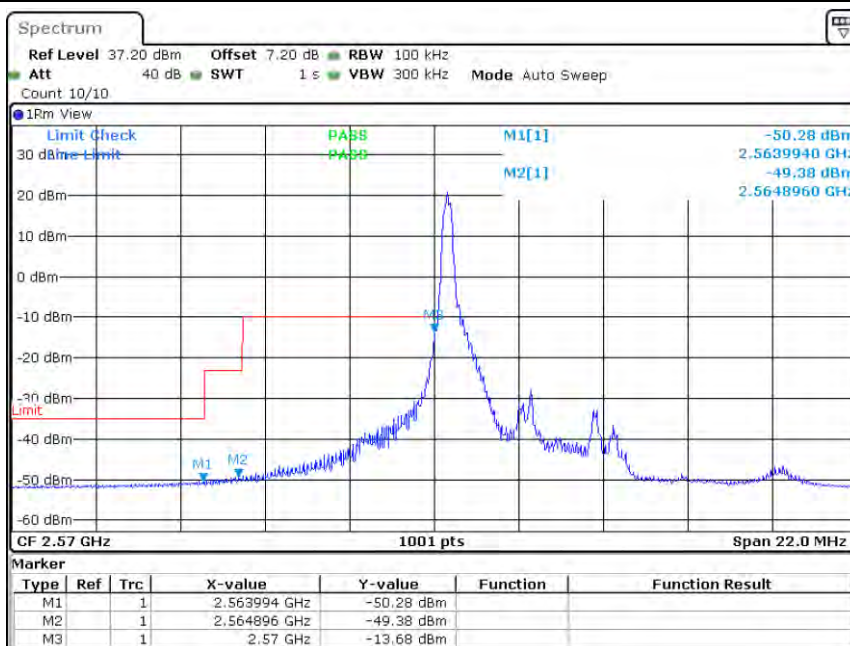


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Band38-5MHz-16QAM-37775-1RB#0

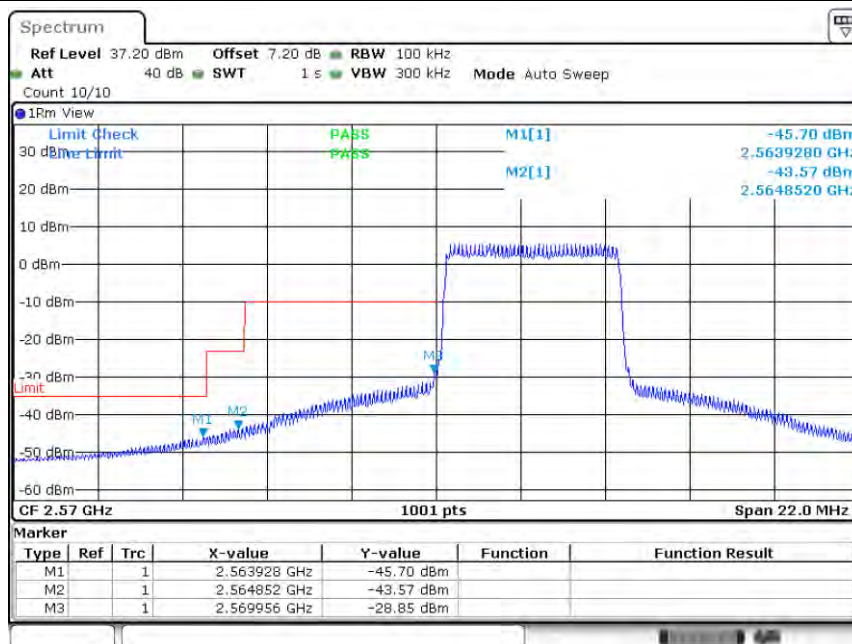


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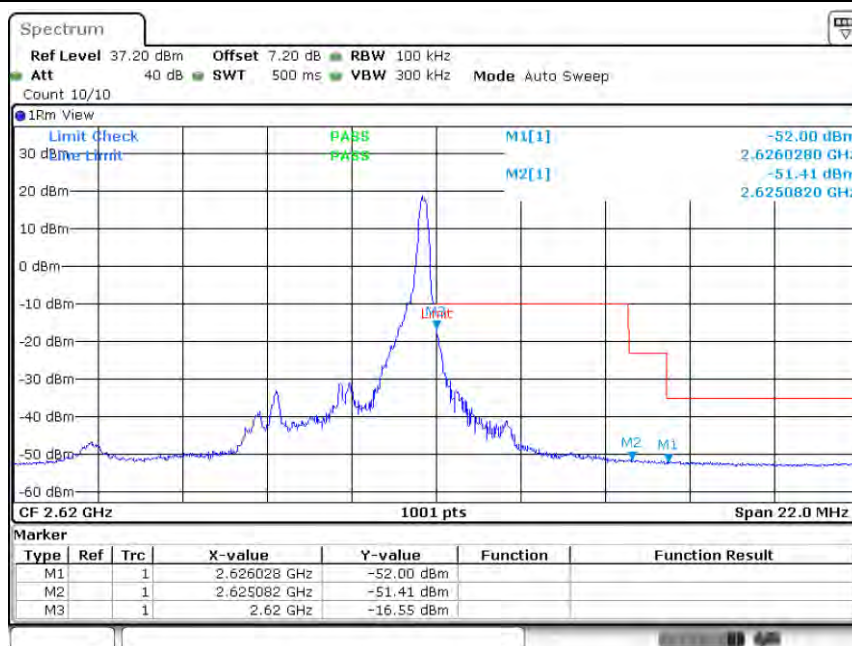


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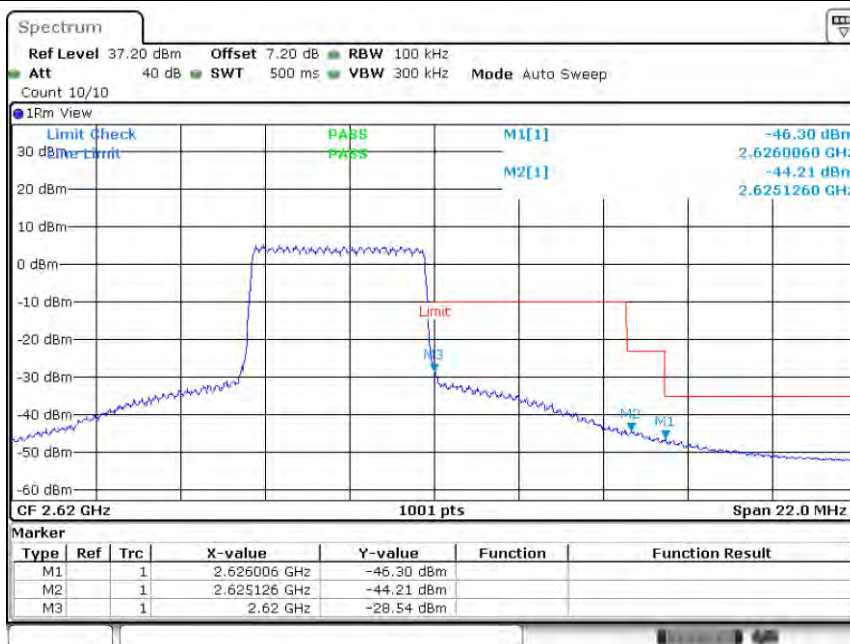


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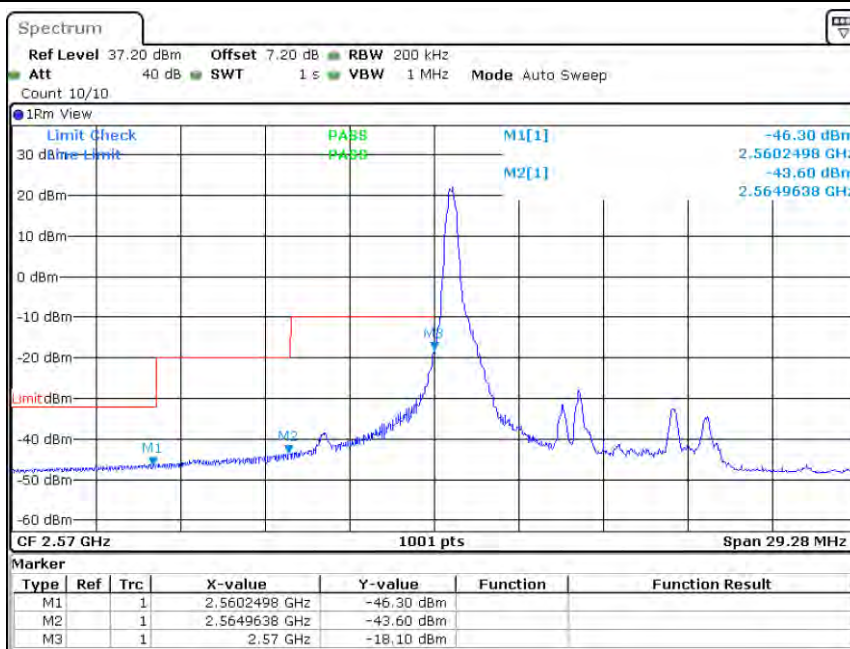


Band38-5MHz-16QAM-38225-25RB#0



Date: 10.MAY.2021 02:24:14

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



Date: 5.MAY.2021 08:29:23



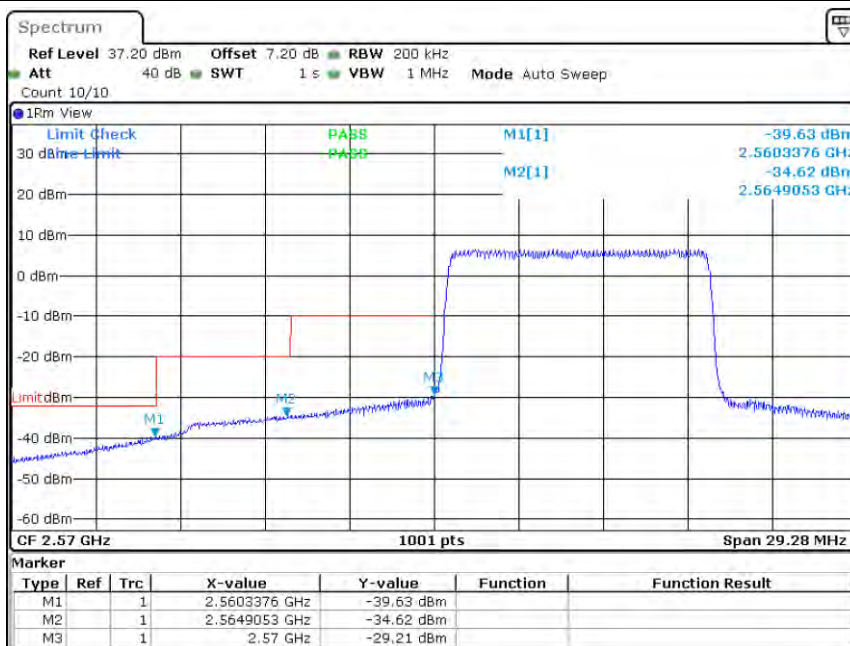
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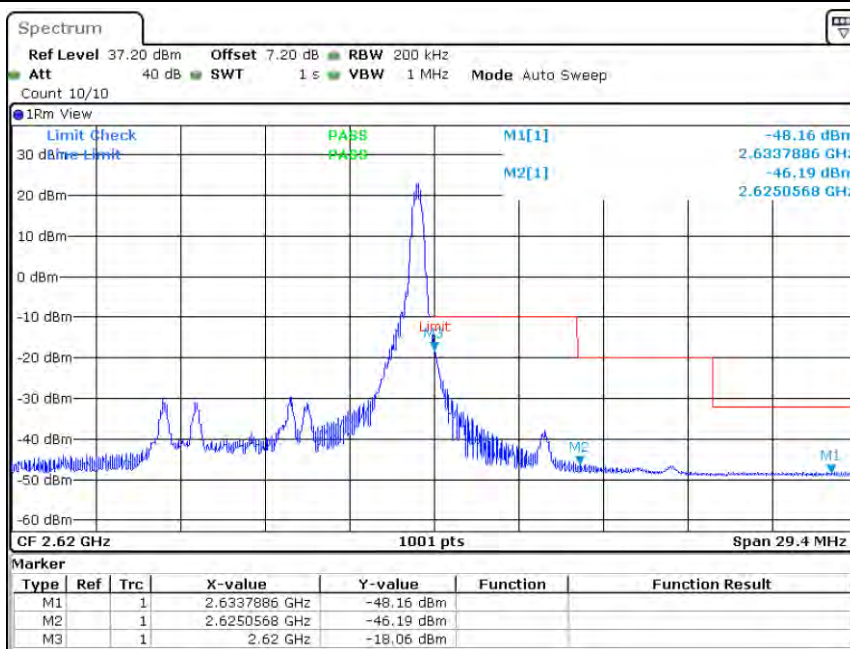


Band38-10MHz-QPSK-37800-50RB#0



Date: 5.MAY.2021 08:30:58

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



Date: 5.MAY.2021 08:30:11



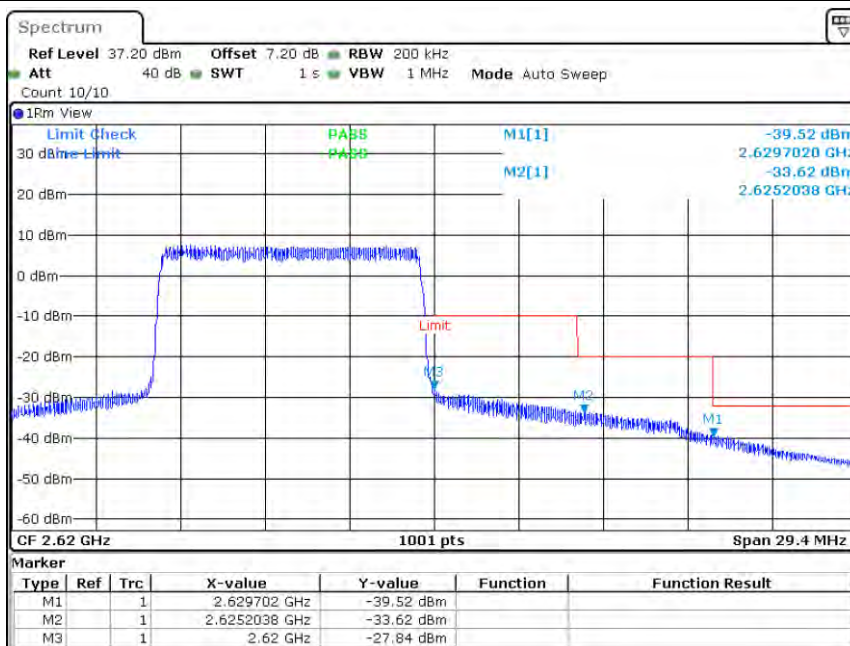
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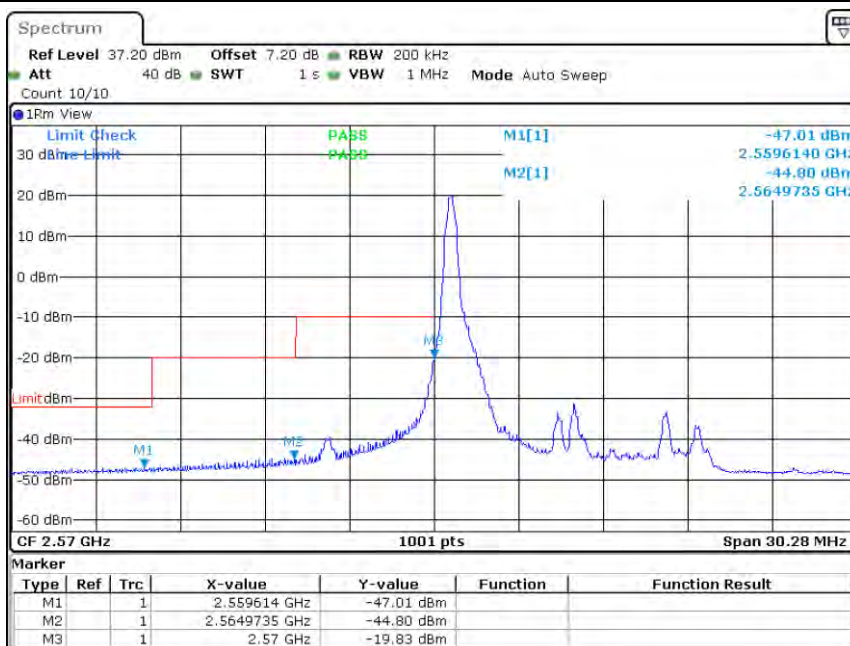


Band38-10MHz-QPSK-38200-50RB#0



Date: 5.MAY.2021 08:31:42

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



Date: 5.MAY.2021 09:23:20



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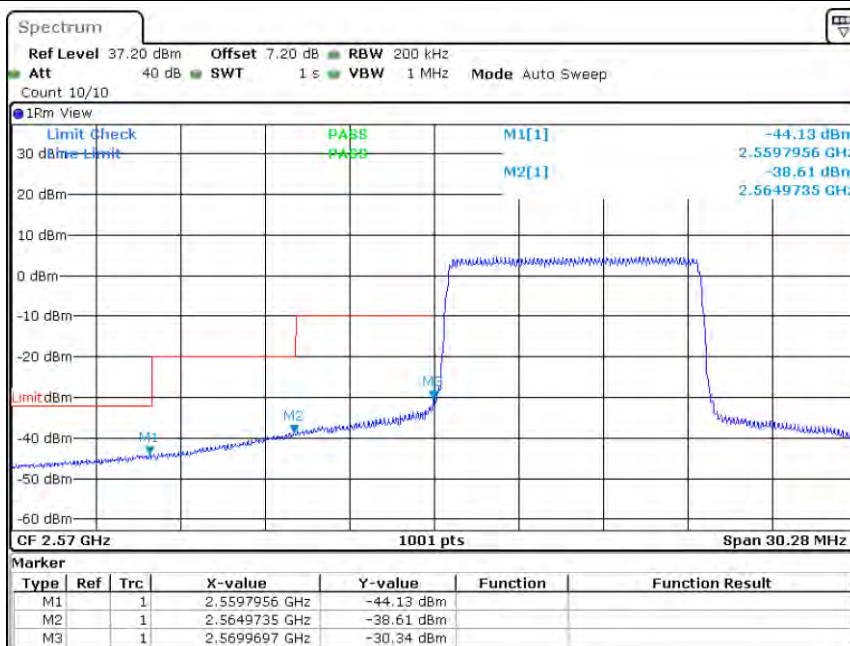
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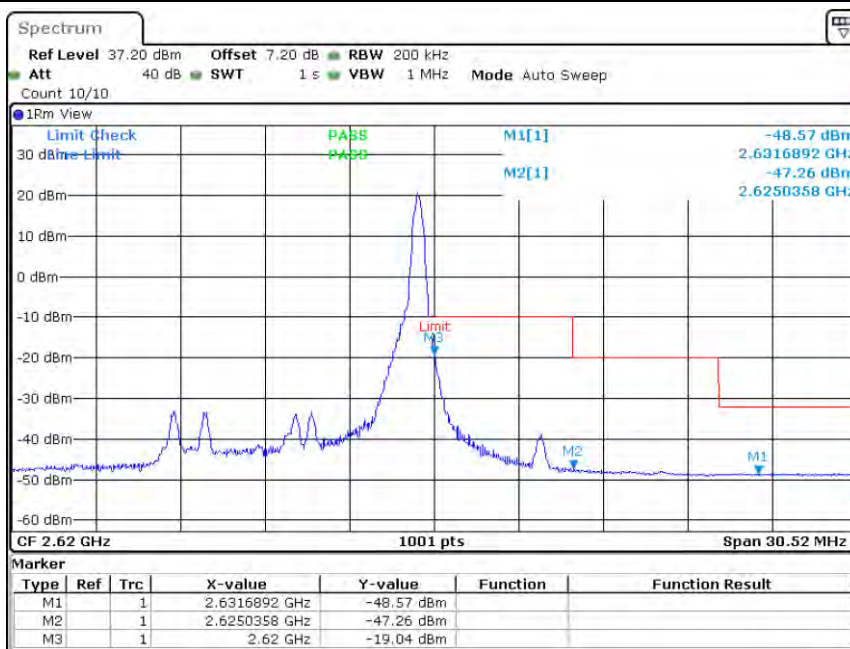


Band38-10MHz-64QAM-37800-50RB#0



Date: 5.MAY.2021 09:24:13

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



Date: 5.MAY.2021 09:23:47



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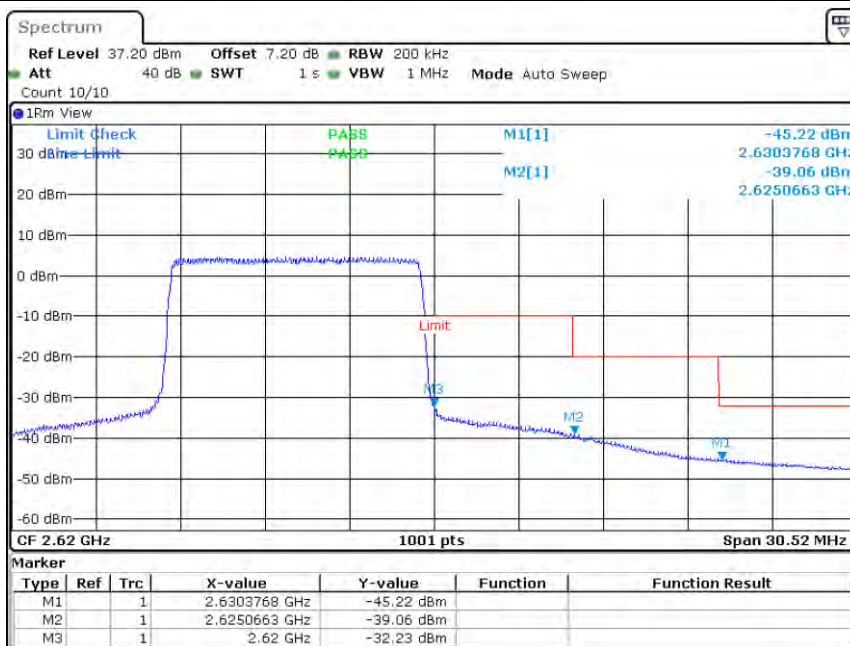
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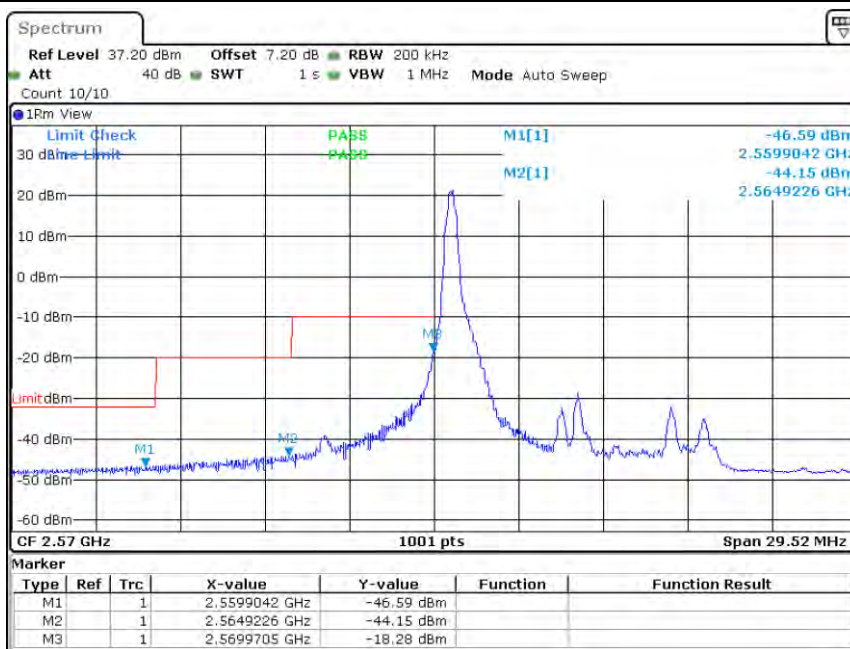


Band38-10MHz-64QAM-38200-50RB#0



Date: 5.MAY.2021 09:24:35

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



Date: 5.MAY.2021 08:29:45



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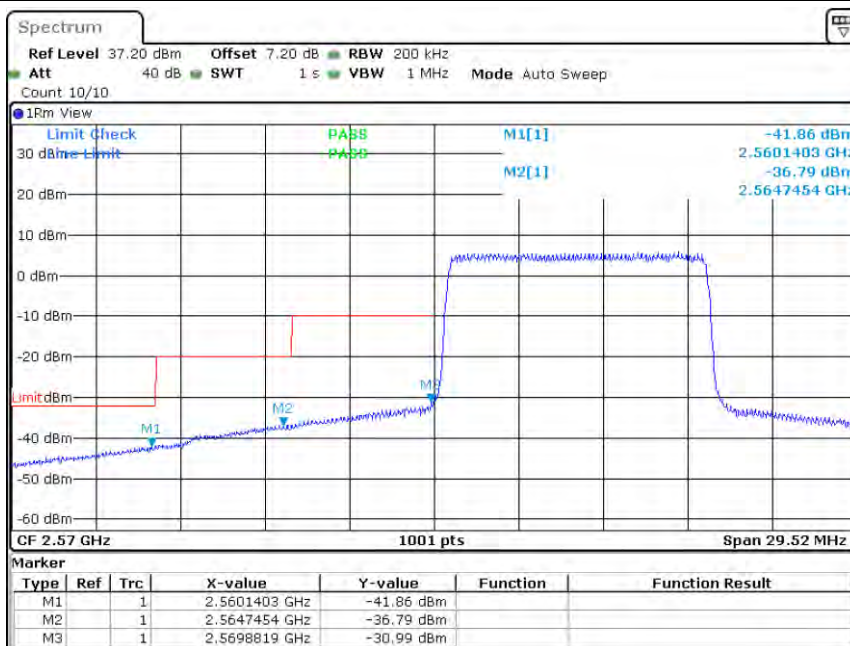
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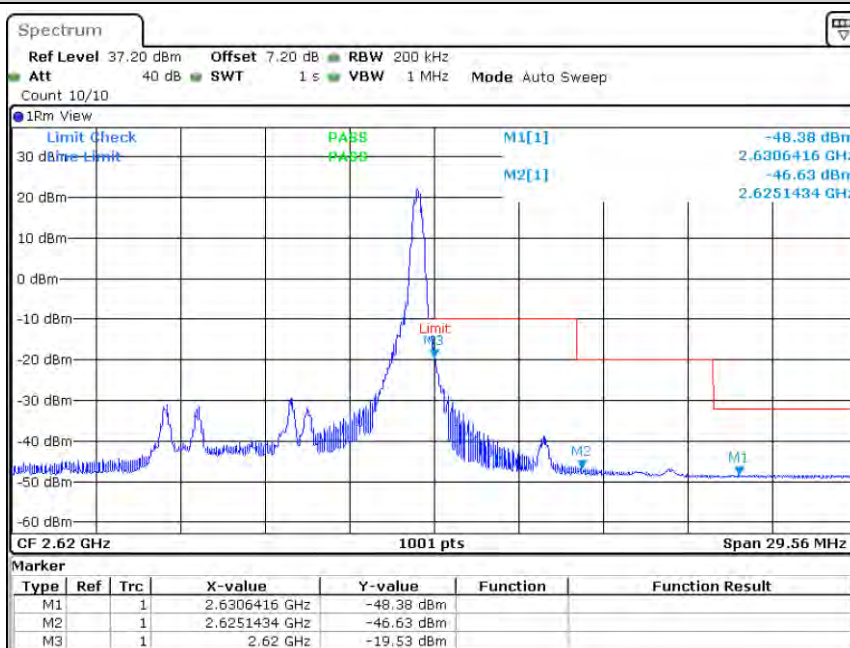


Band38-10MHz-16QAM-37800-50RB#0



Date: 5.MAY.2021 08:31:20

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



Date: 5.MAY.2021 08:30:32

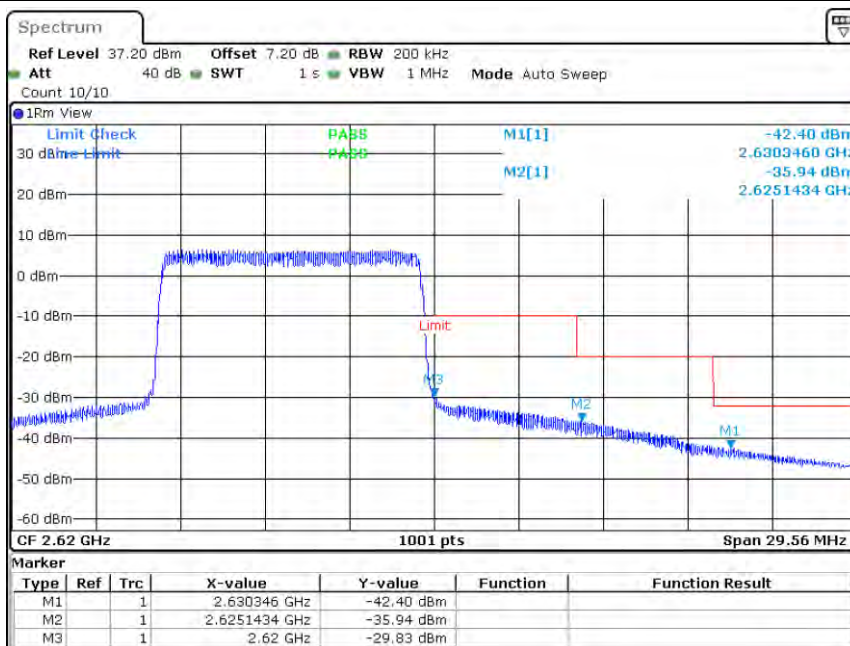


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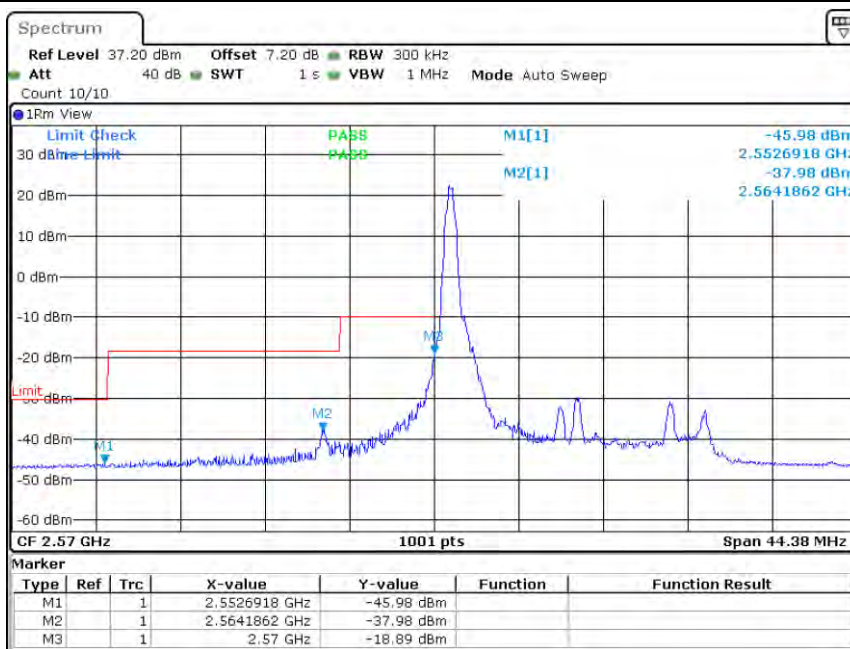


Band38-10MHz-16QAM-38200-50RB#0



Date: 5.MAY.2021 08:32:03

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



Date: 5.MAY.2021 08:32:30



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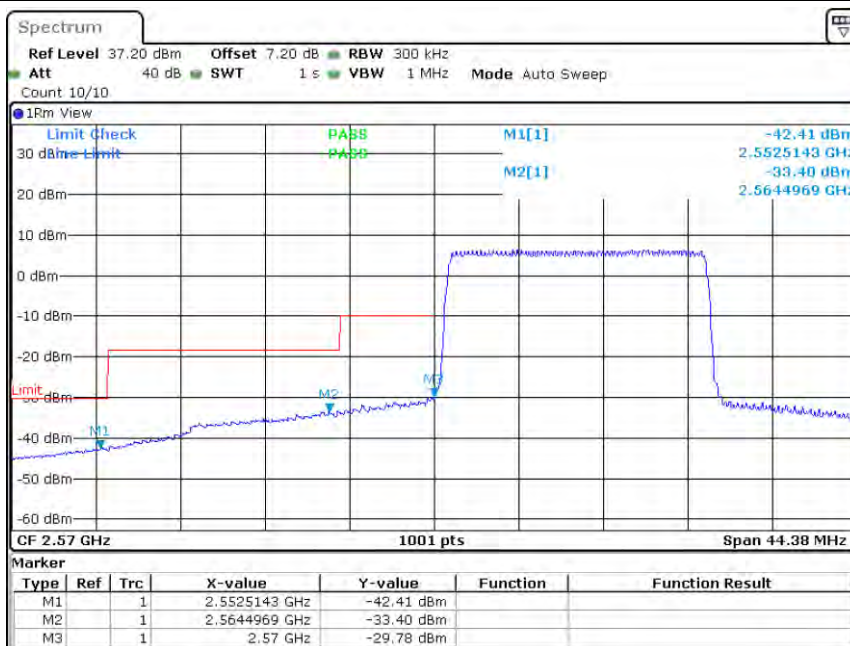
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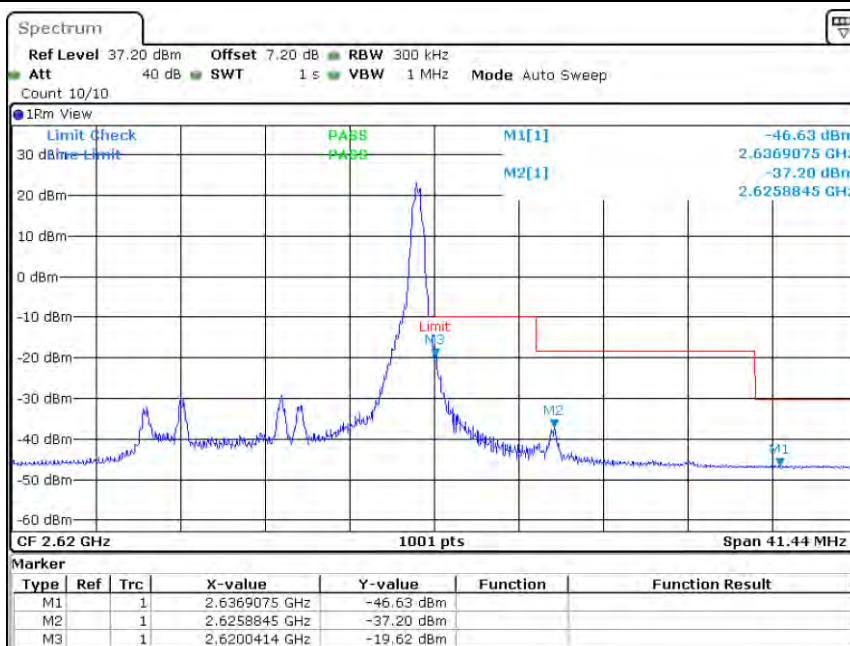


Band38-15MHz-QPSK-37825-75RB#0



Date: 5.MAY.2021 08:34:05

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



Date: 5.MAY.2021 08:33:18



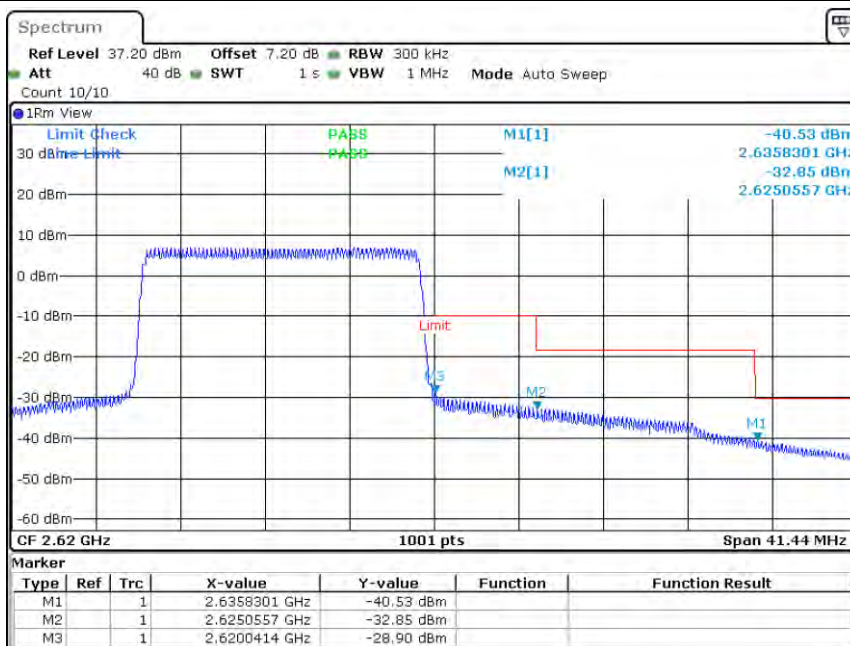
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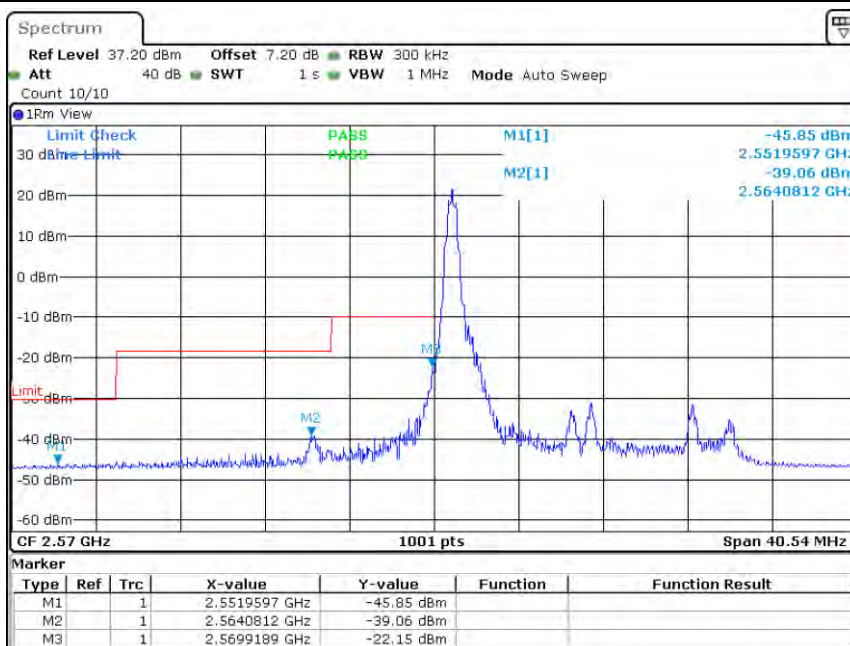


Band38-15MHz-QPSK-38175-75RB#0



Date: 5.MAY.2021 08:34:49

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



Date: 5.MAY.2021 09:25:04



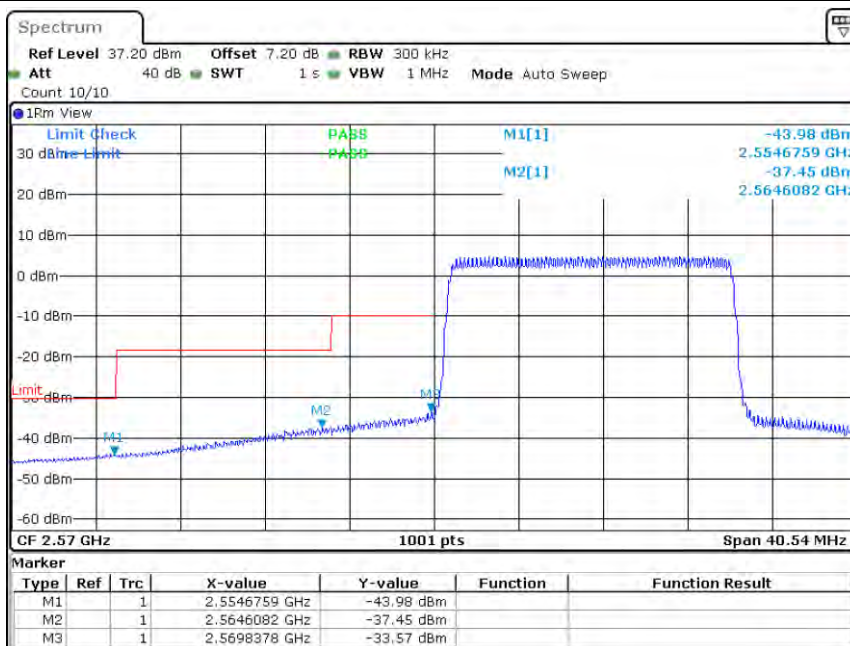
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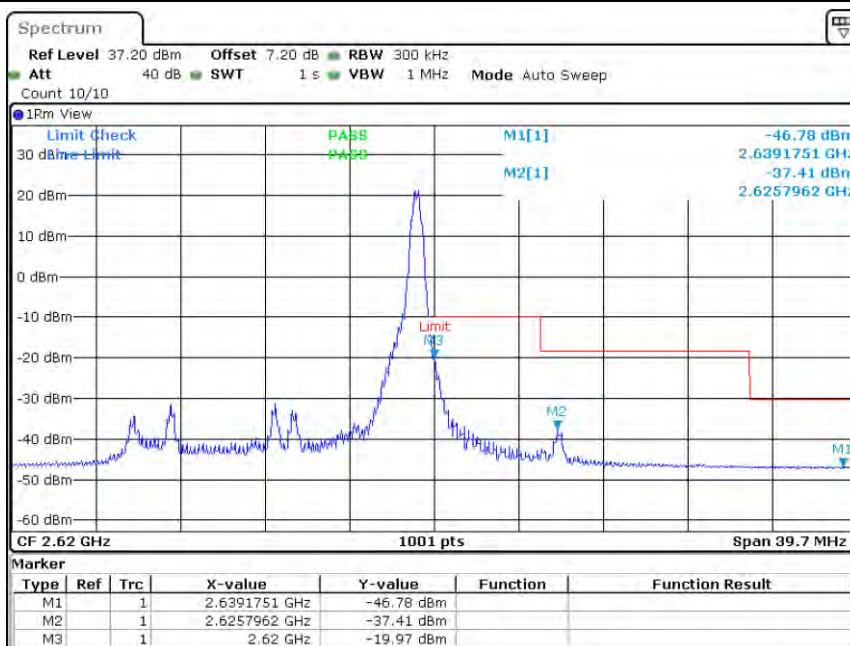


Band38-15MHz-64QAM-37825-75RB#0



Date: 5.MAY.2021 09:25:58

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



Date: 5.MAY.2021 09:25:31



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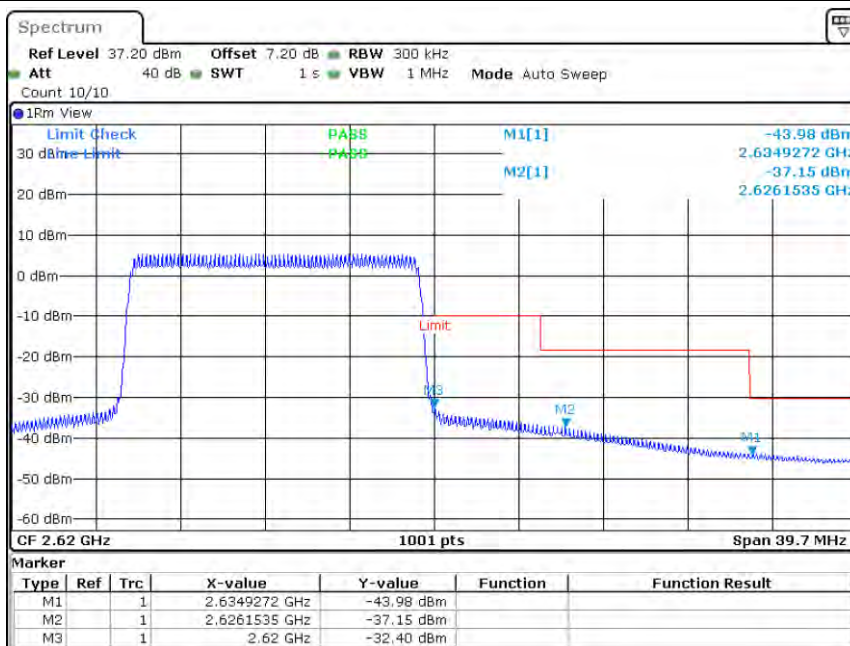
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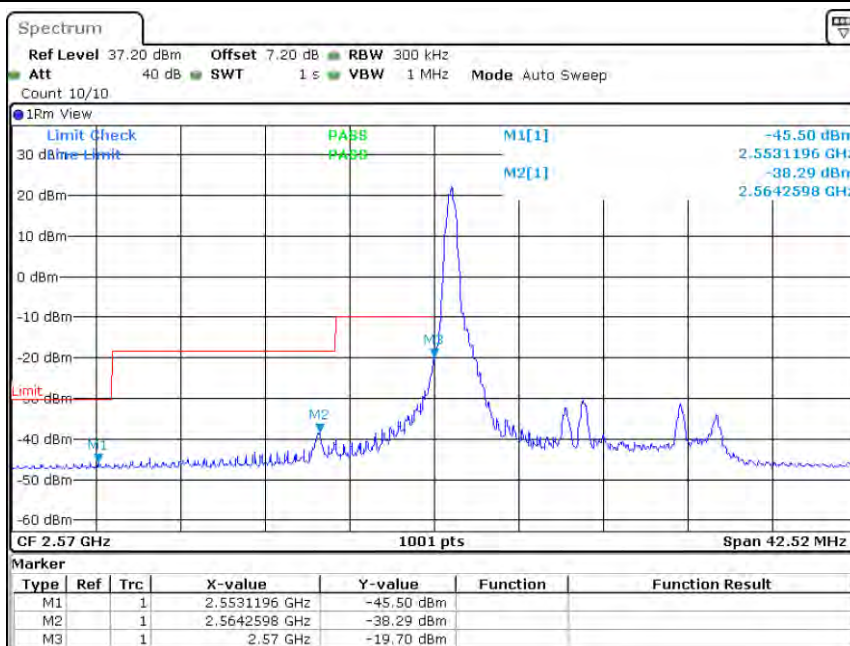


Band38-15MHz-64QAM-38175-75RB#0



Date: 5.MAY.2021 09:26:20

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



Date: 5.MAY.2021 08:32:52



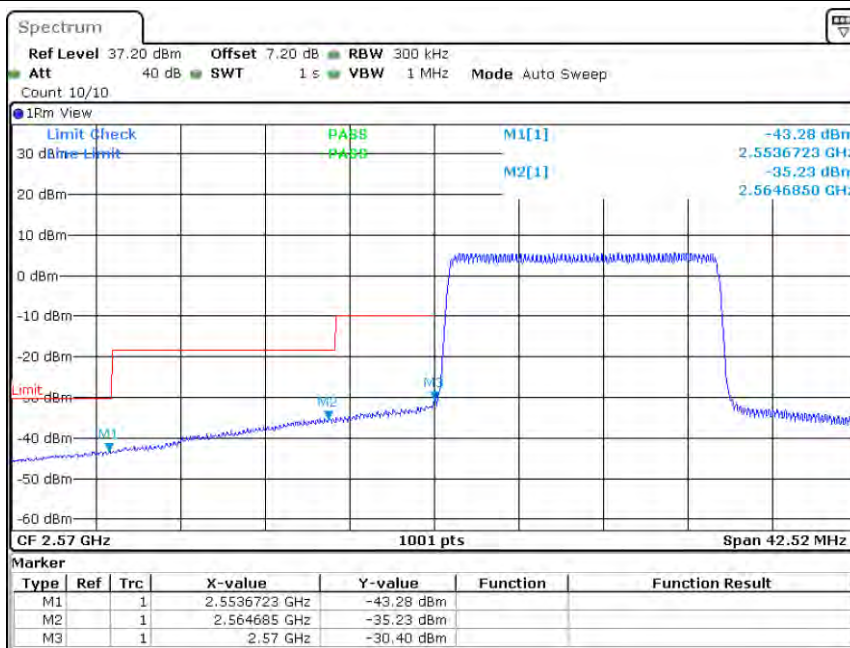
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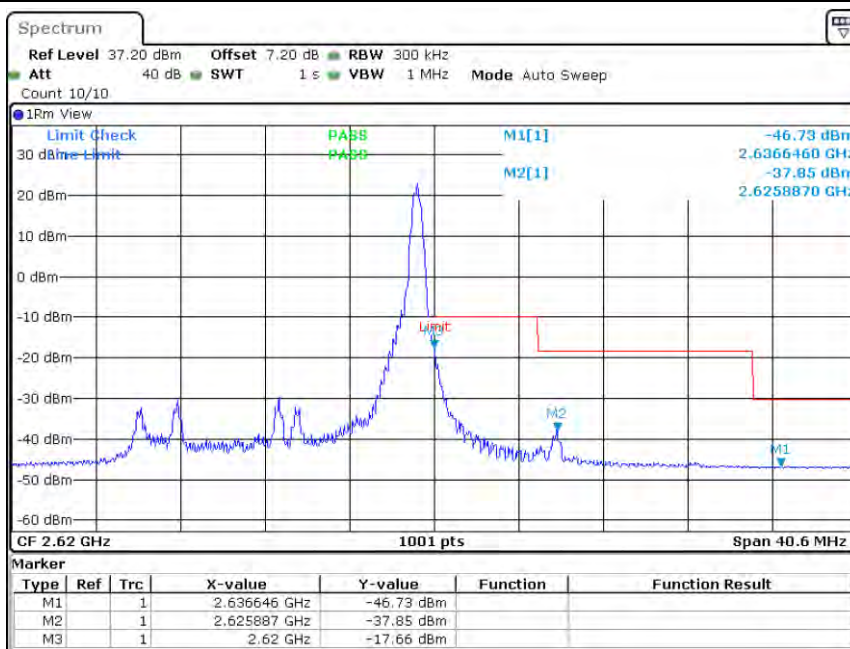


Band38-15MHz-16QAM-37825-75RB#0



Date: 5.MAY.2021 08:34:27

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



Date: 5.MAY.2021 08:33:39



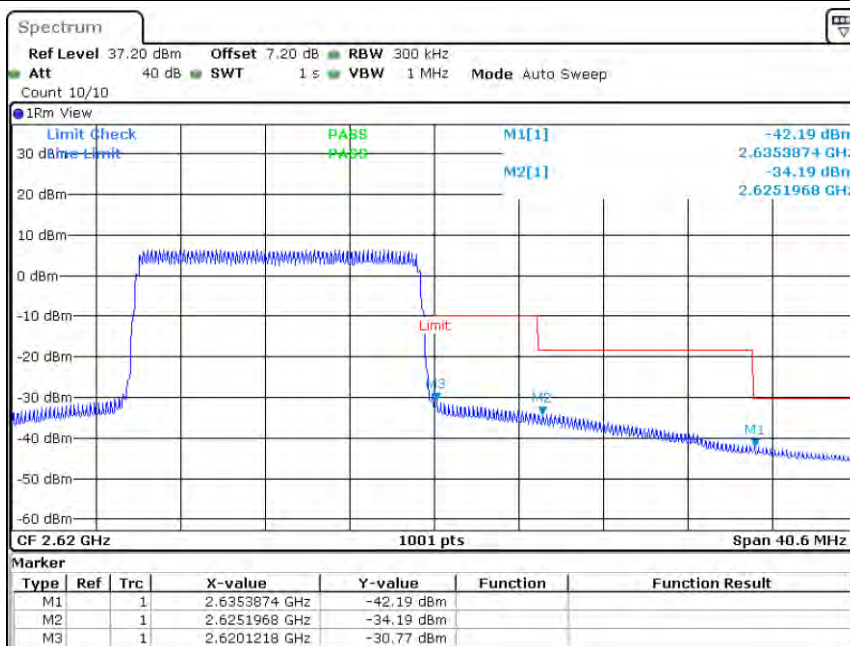
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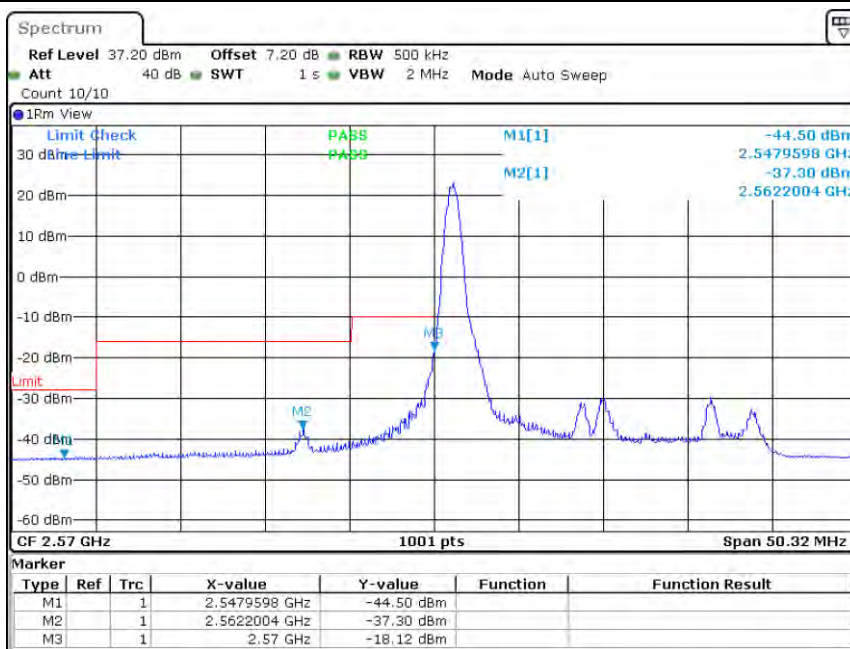


Band38-15MHz-16QAM-38175-75RB#0



Date: 5.MAY.2021 08:35:10

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



Date: 5.MAY.2021 08:35:37



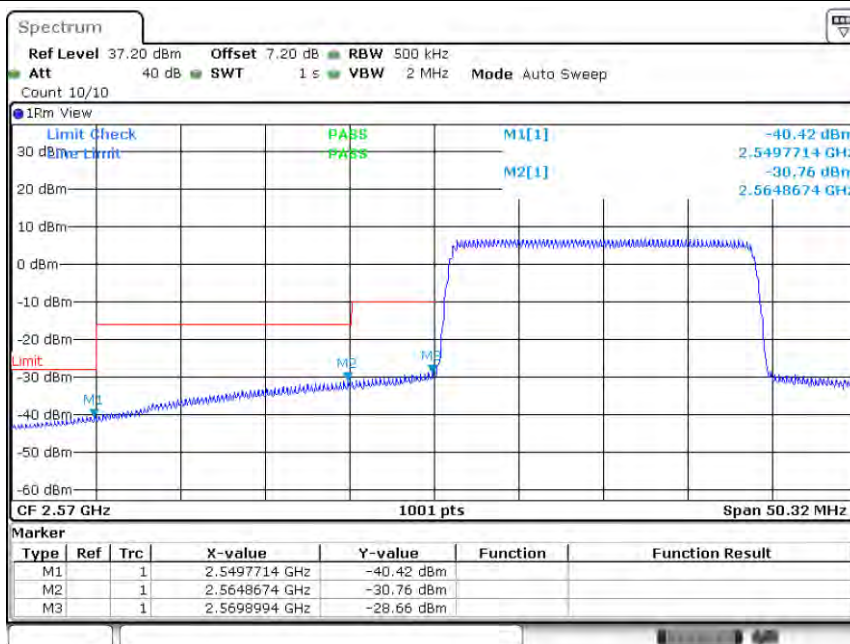
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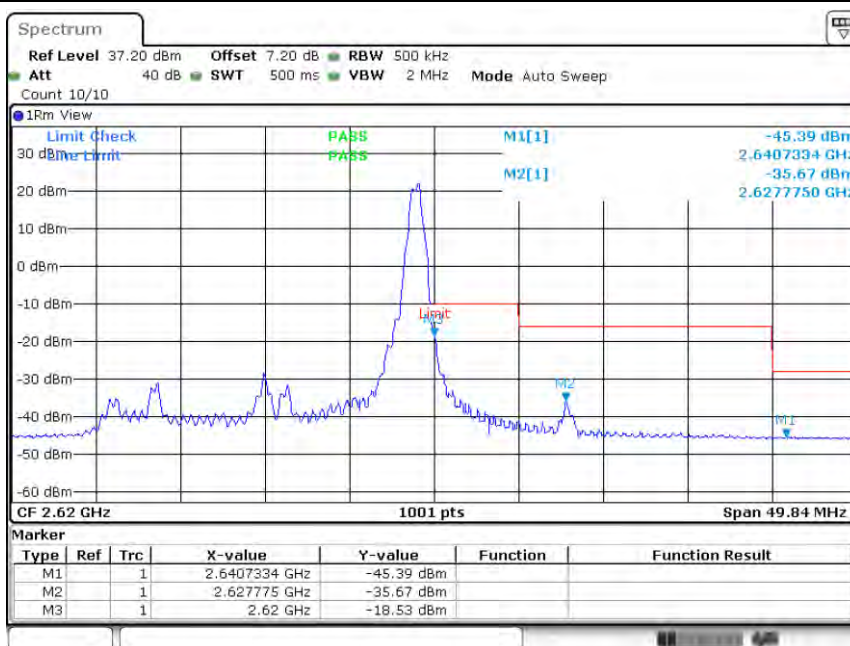


Band38-20MHz-QPSK-37850-100RB#0



Date: 10.MAY.2021 02:26:21

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

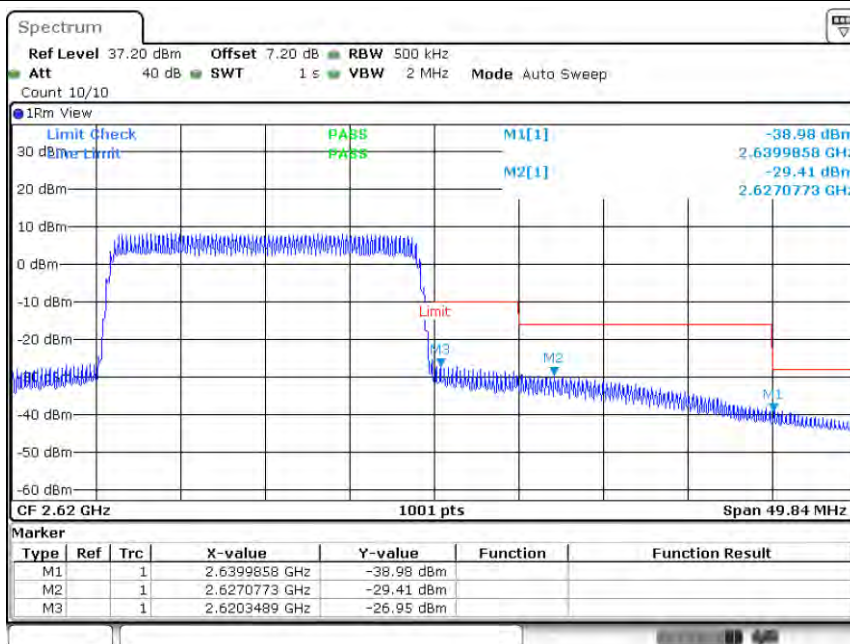


Date: 10.MAY.2021 02:24:43



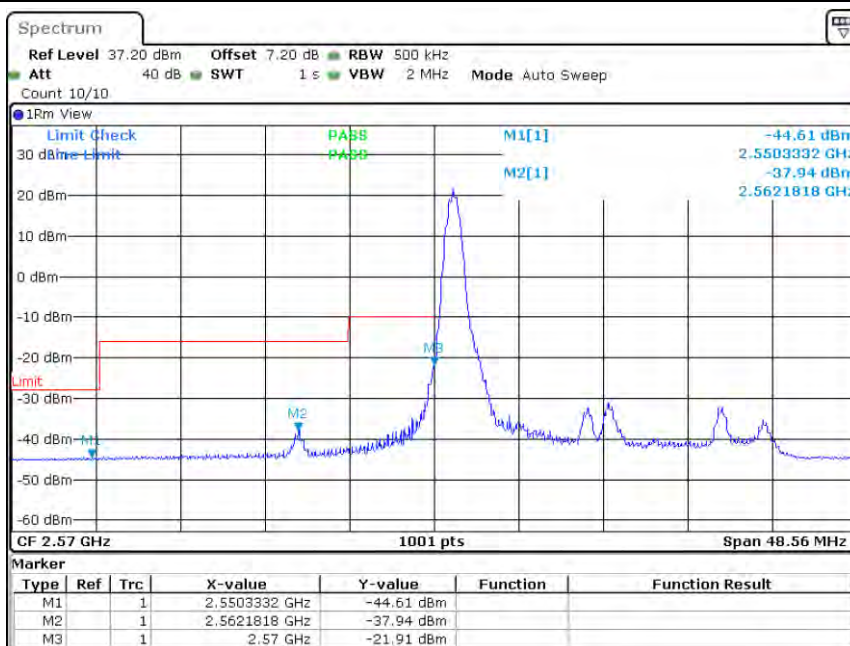


Band38-20MHz-QPSK-38150-100RB#0



Date: 10.MAY.2021 02:27:20

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



Date: 5.MAY.2021 09:26:48



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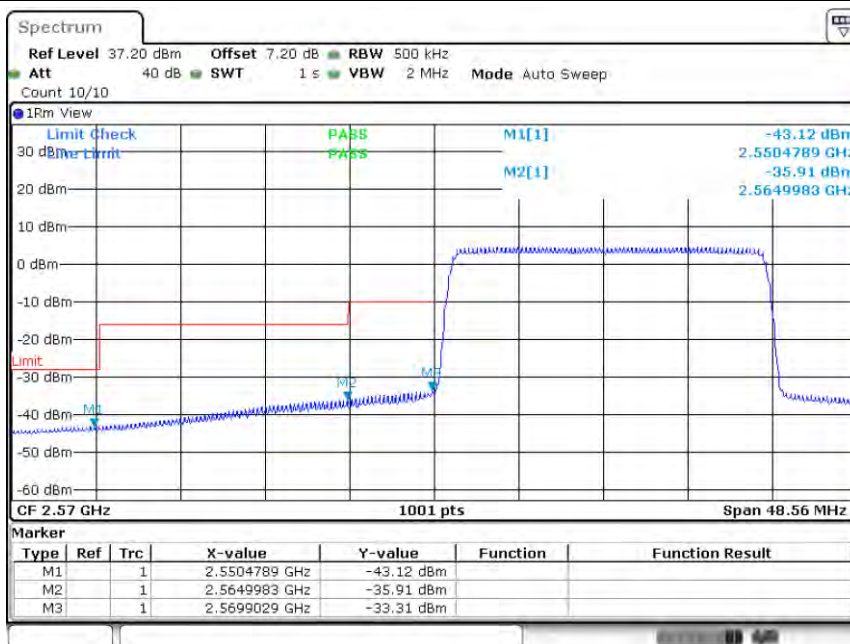
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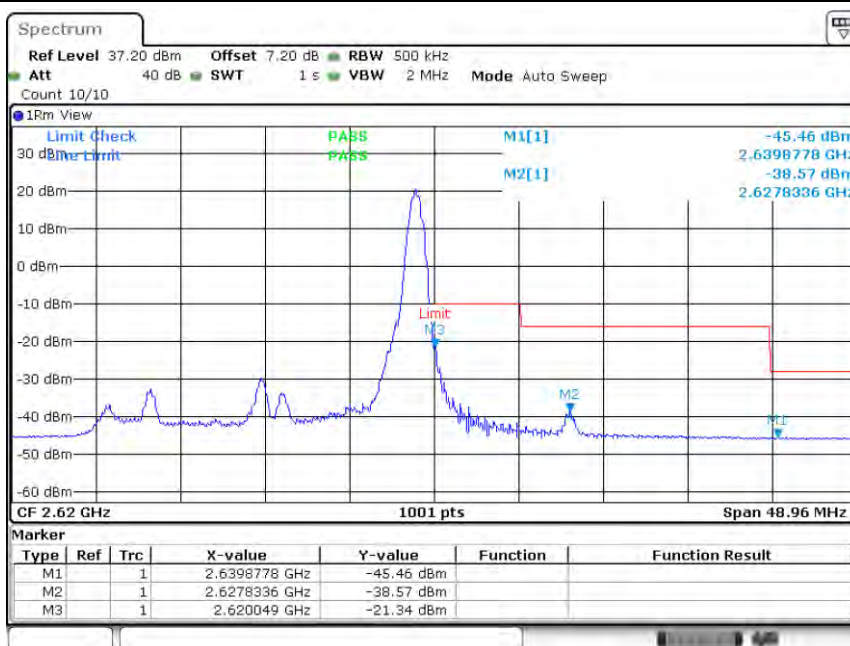


Band38-20MHz-64QAM-37850-100RB#0



Date: 10.MAY.2021 02:35:51

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



Date: 10.MAY.2021 02:35:25



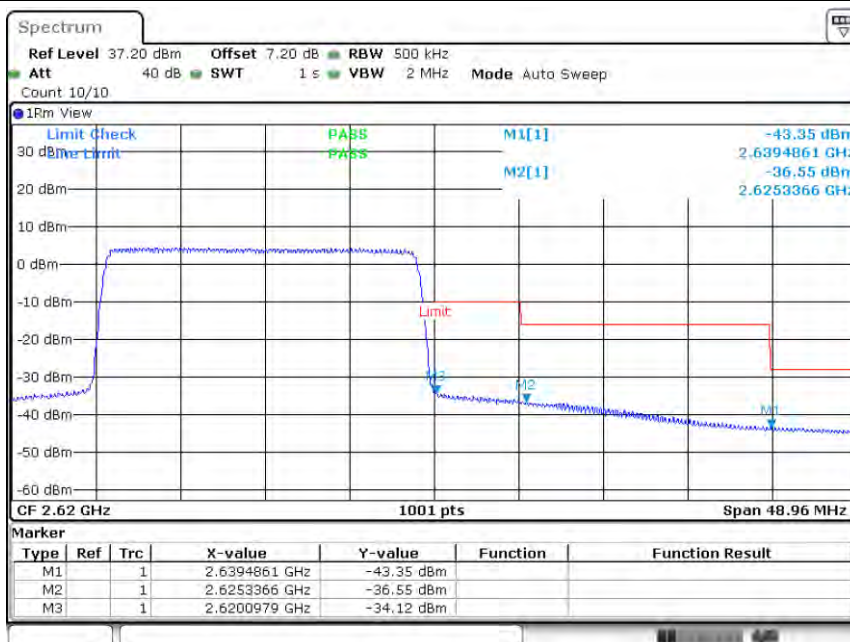
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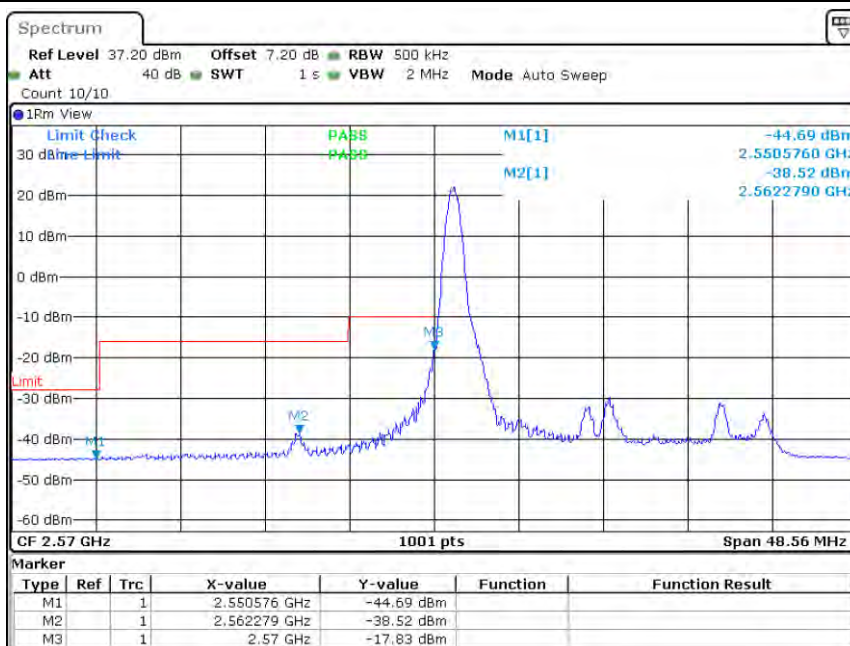


Band38-20MHz-64QAM-38150-100RB#0



Date: 10.MAY.2021 02:36:13

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

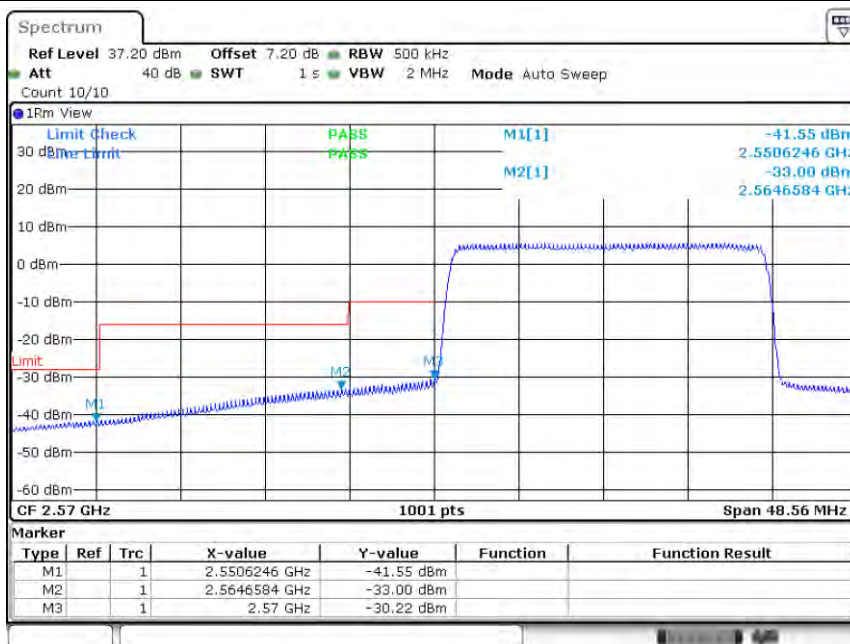


Date: 5.MAY.2021 08:35:59



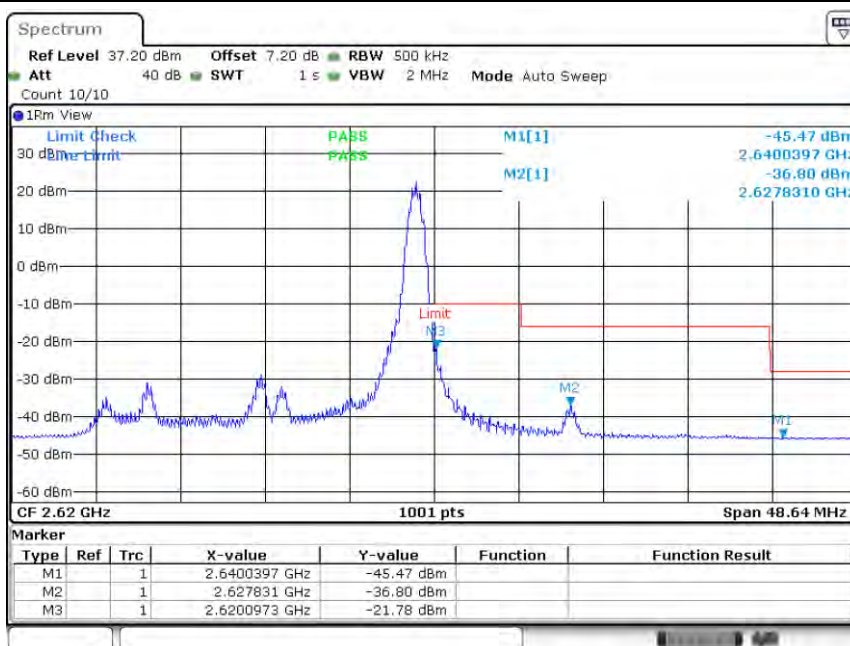


Band38-20MHz-16QAM-37850-100RB#0



Date: 10.MAY.2021 02:26:42

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



Date: 10.MAY.2021 02:25:12



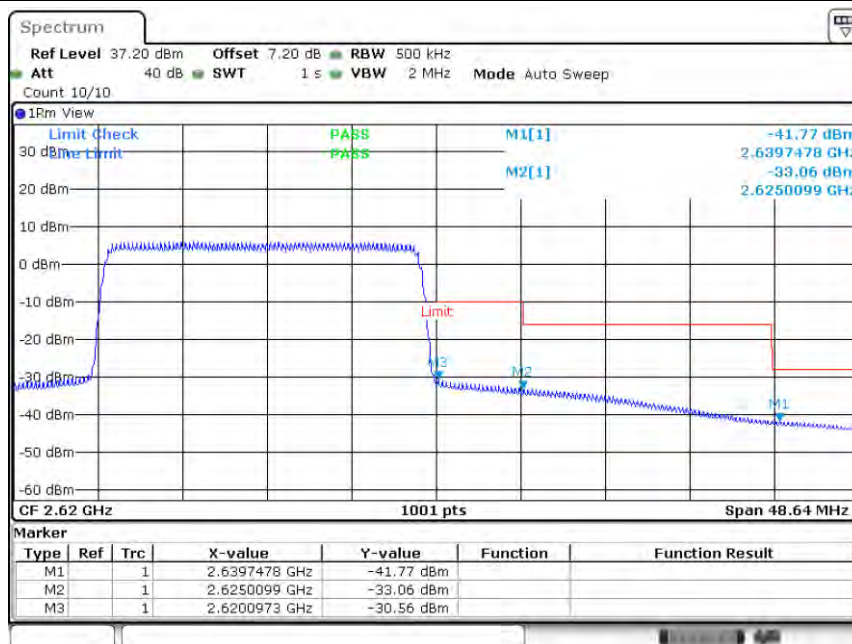
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Band38-20MHz-16QAM-38150-100RB#0



Date: 10.MAY.2021 02:28:04

Remark: The limit of more than 1MHz offset the channel edge is corrected by the formula:
 $X = \text{Limit} + 10 \log(\text{RBW} / 1000 \text{ kHz})$



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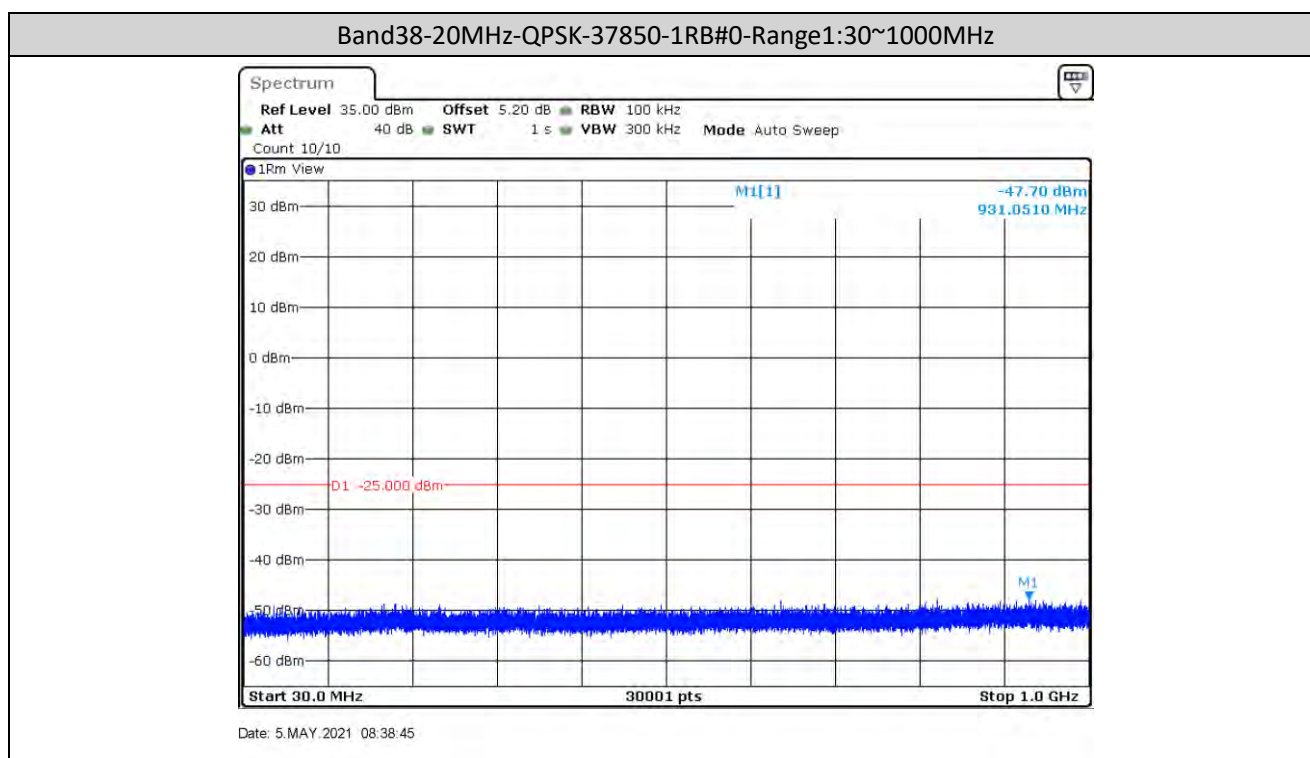
6. Spurious Emission at Antenna Terminal

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: 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.

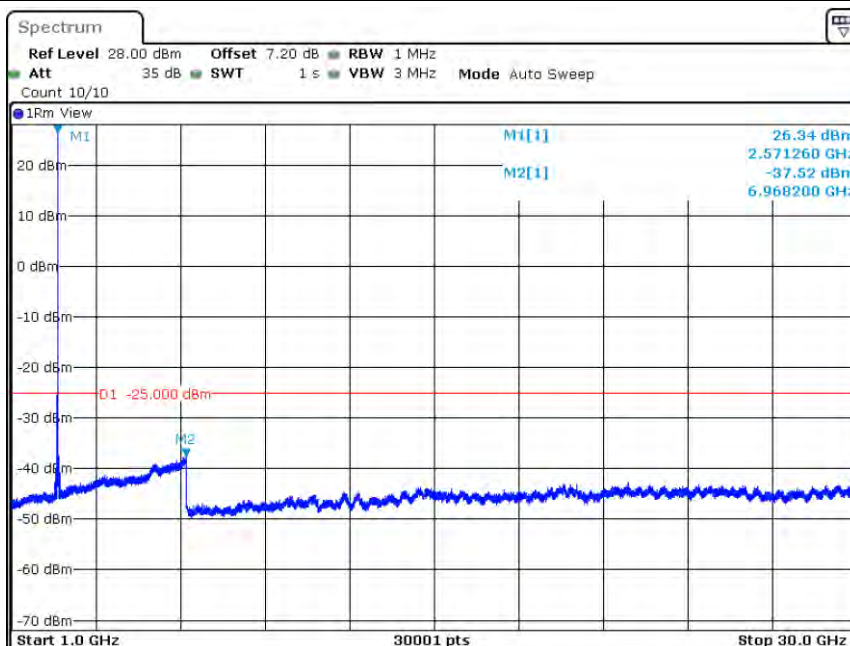
Remark3: The disturbance below 30MHz was very low, and the above harmonics were the highest point could be found when testing, so only the worst case data had been displayed.

6.1. Test Plots



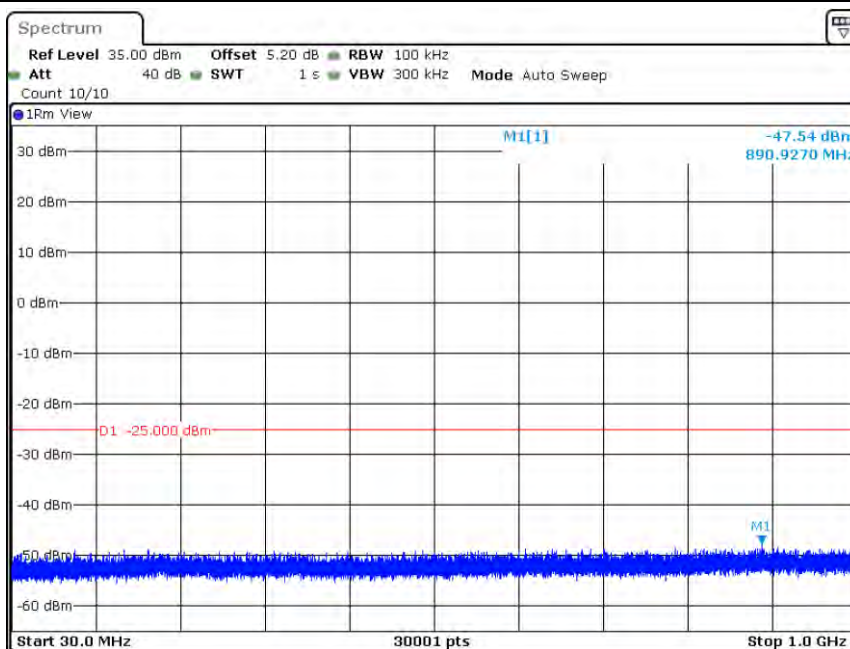


Band38-20MHz-QPSK-37850-1RB#0-Range2:1000~30000MHz



Date: 5.MAY.2021 08:39:02

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



Date: 5.MAY.2021 08:39:56



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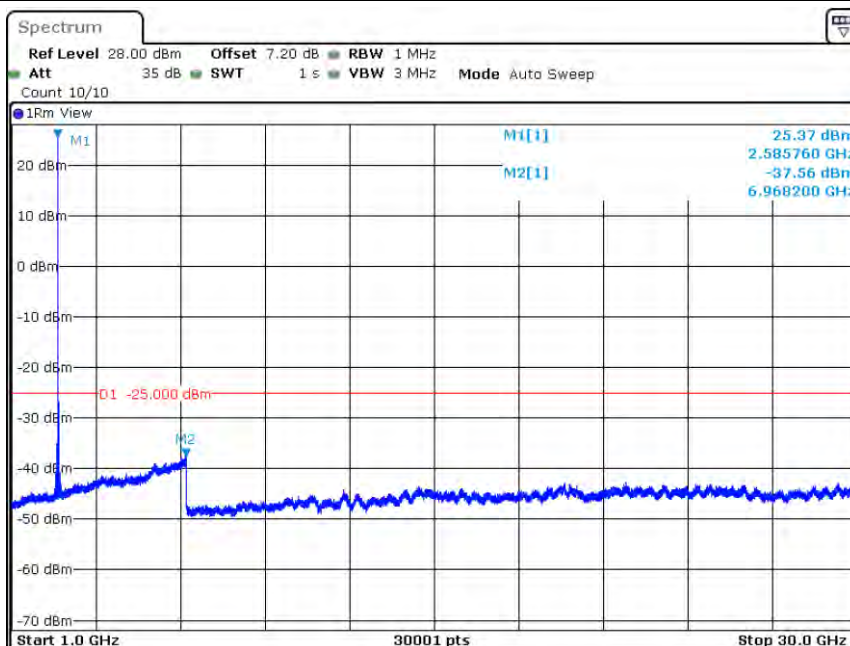
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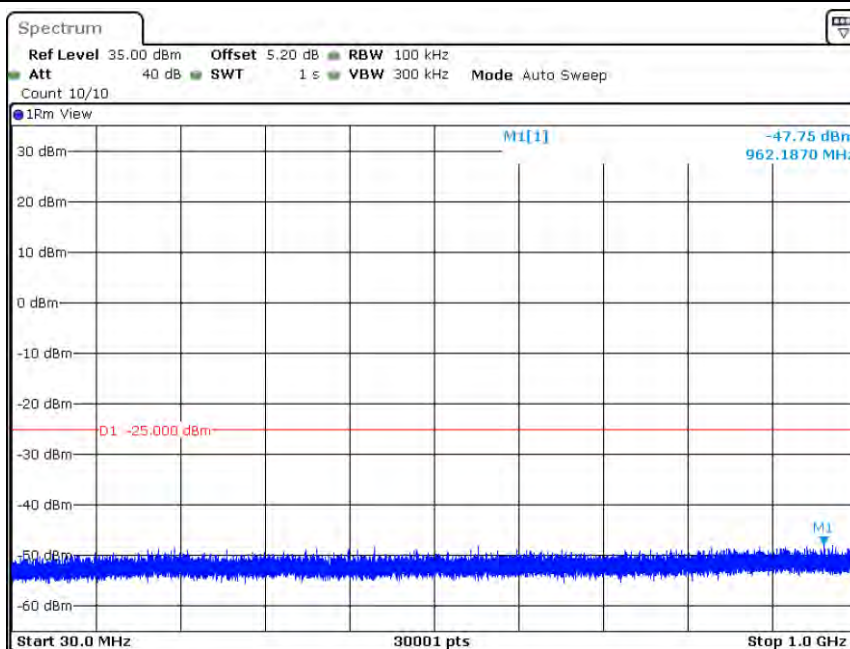


Band38-20MHz-QPSK-38000-1RB#0-Range2:1000~30000MHz



Date: 5.MAY.2021 08:40:13

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



Date: 5.MAY.2021 08:41:07

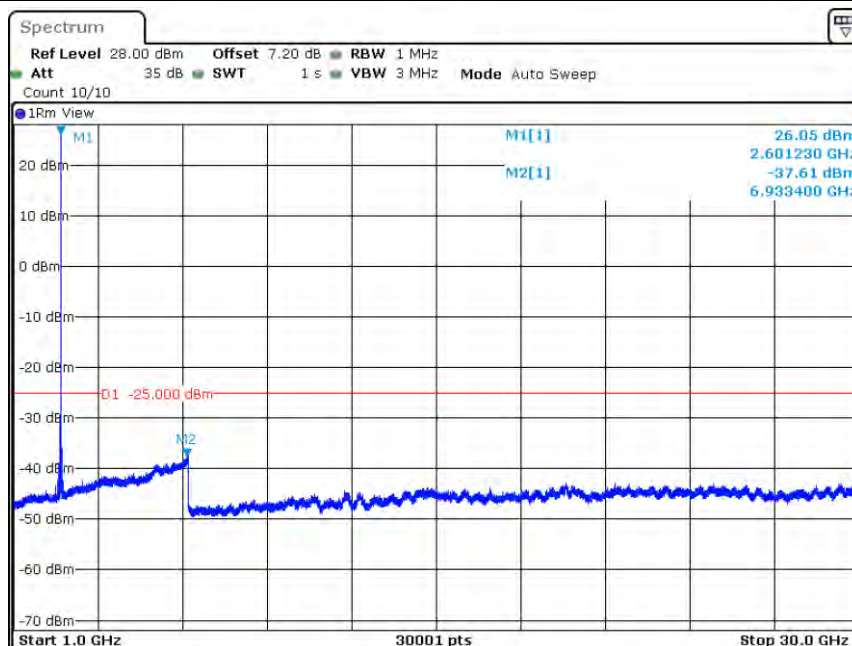


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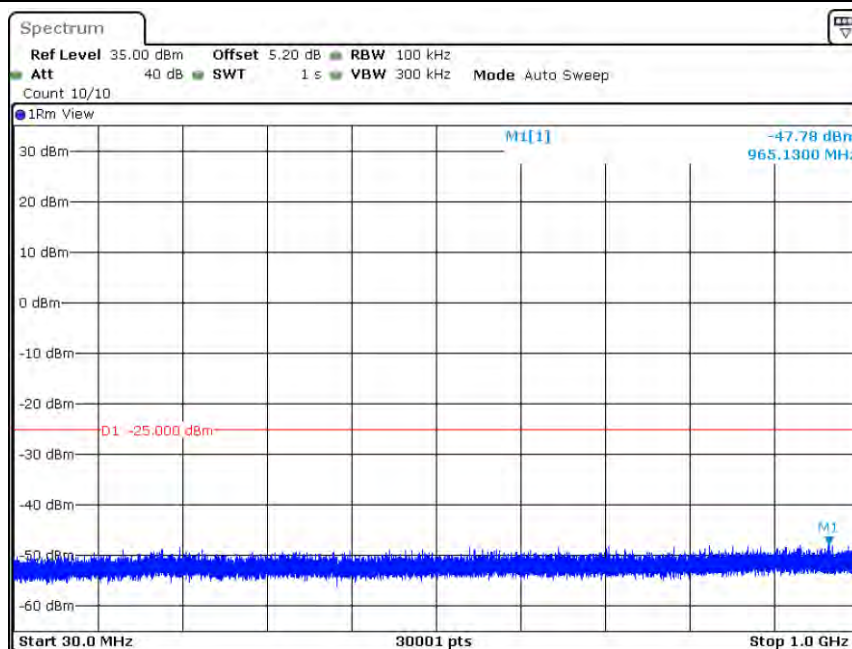


Band38-20MHz-QPSK-38150-1RB#0-Range2:1000~30000MHz



Date: 5.MAY.2021 08:41:24

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



Date: 5.MAY.2021 09:28:27

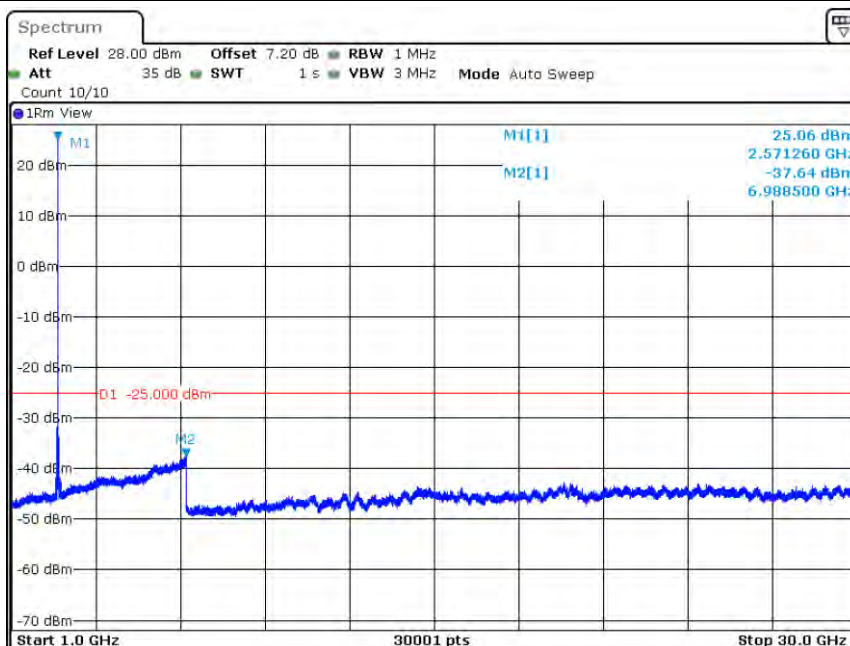


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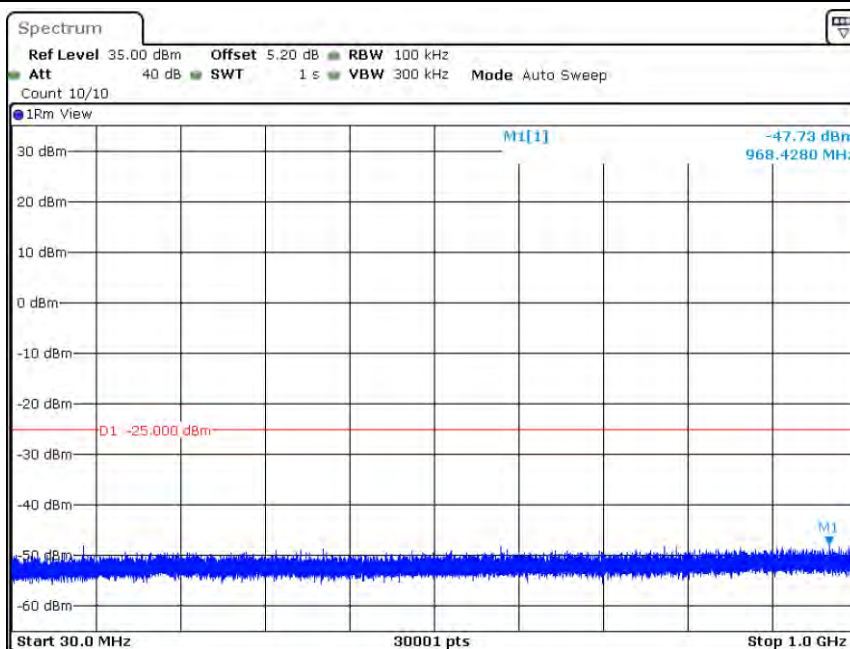


Band38-20MHz-64QAM-37850-1RB#0-Range2:1000~30000MHz



Date: 5.MAY.2021 09:28:44

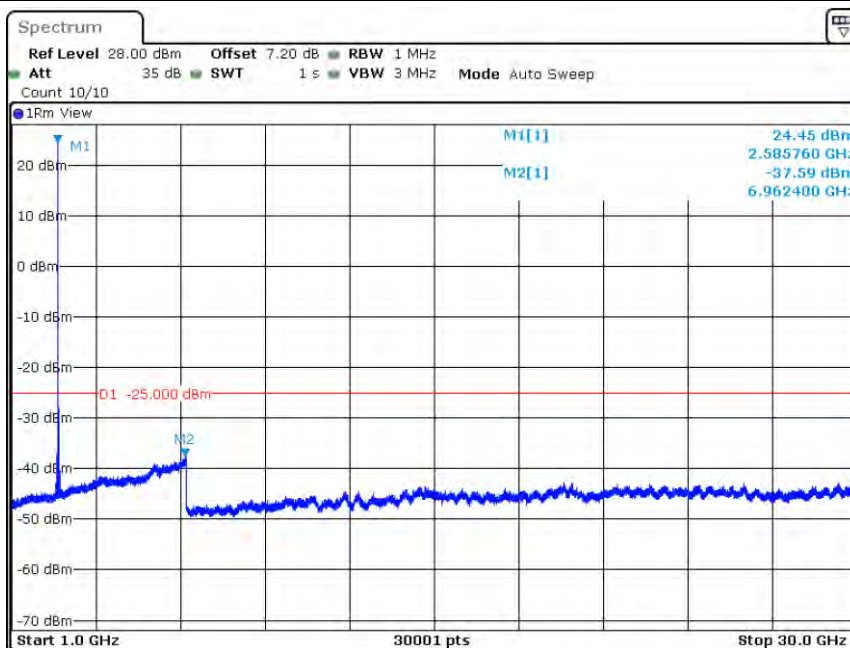
Band38-20MHz-64QAM-38000-1RB#0-Range1:30~1000MHz



Date: 5.MAY.2021 09:29:03

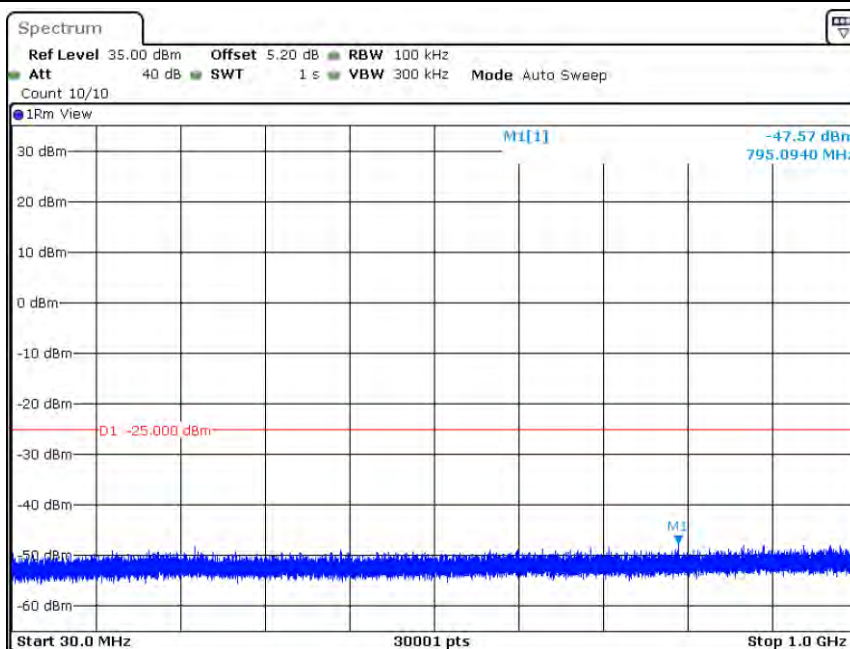


Band38-20MHz-64QAM-38000-1RB#0-Range2:1000~30000MHz



Date: 5.MAY.2021 09:29:19

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



Date: 5.MAY.2021 09:29:38

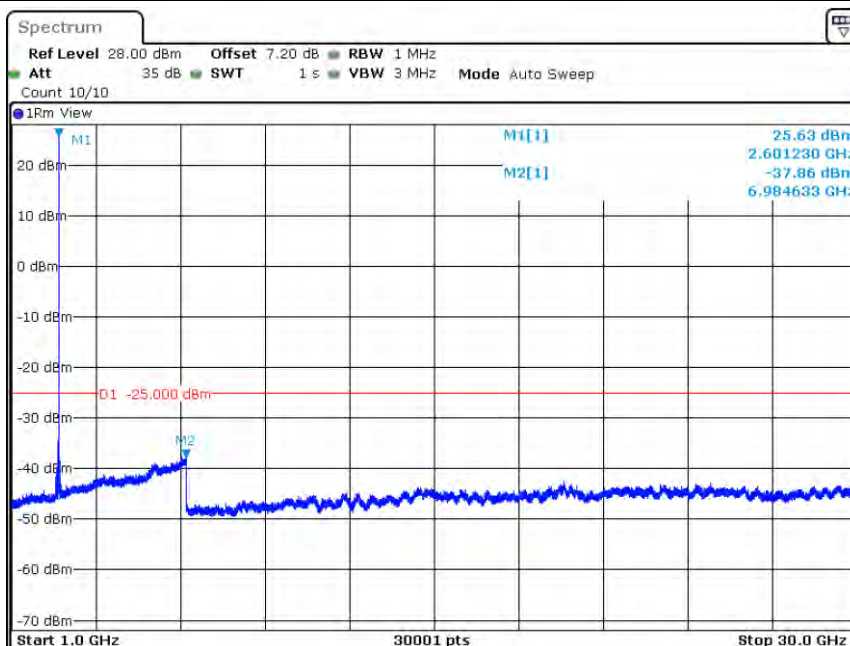


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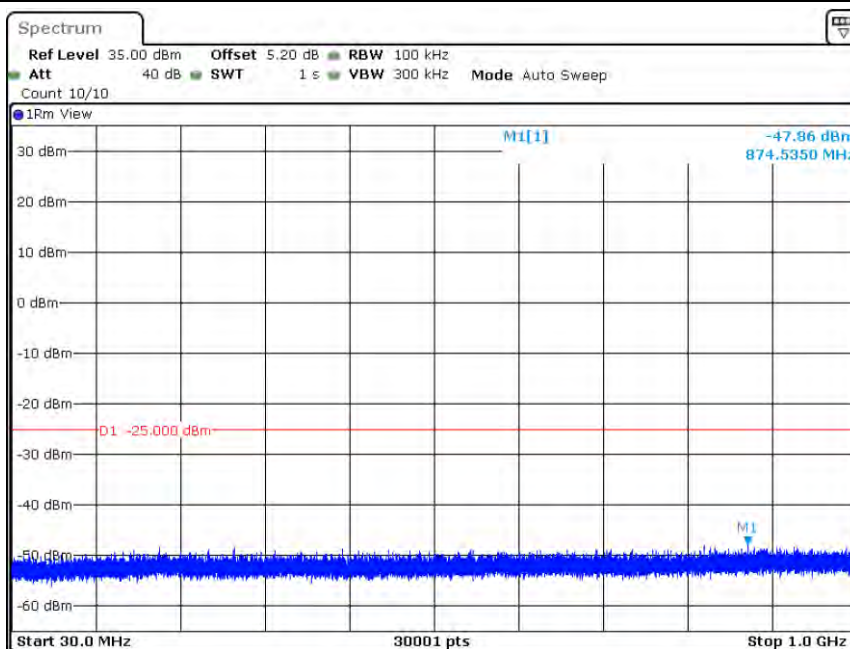


Band38-20MHz-64QAM-38150-1RB#0-Range2:1000~30000MHz



Date: 5.MAY.2021 09:29:54

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



Date: 5.MAY.2021 08:39:21



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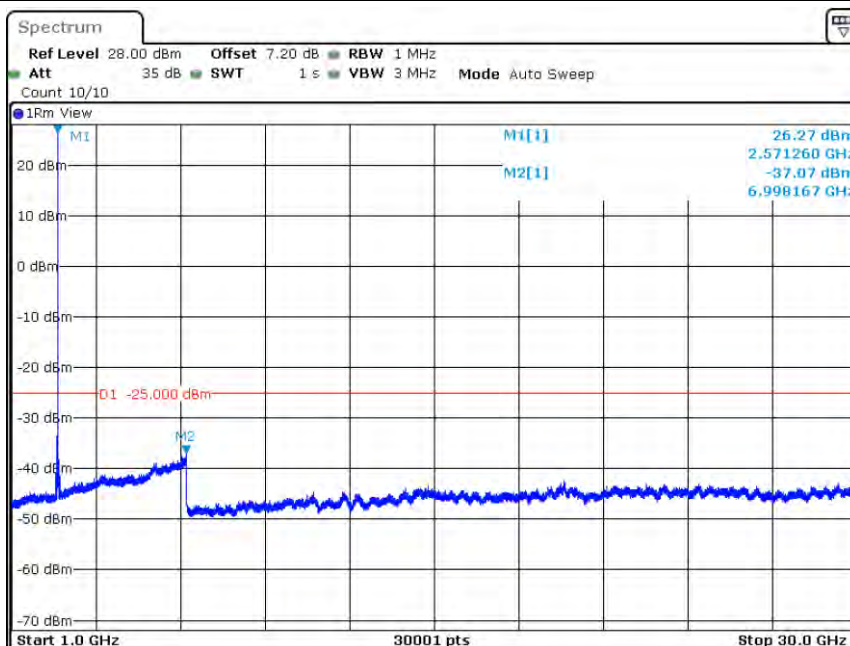
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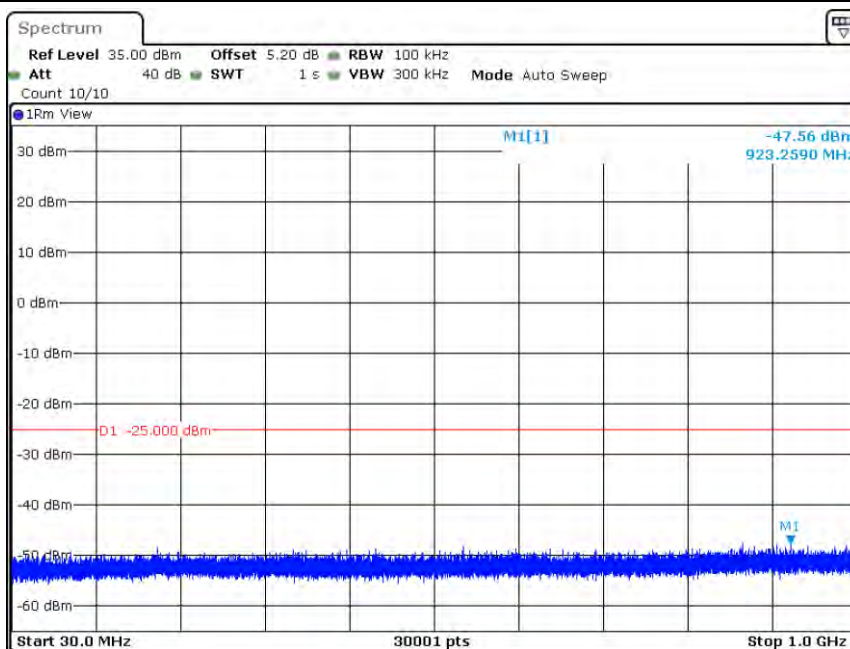


Band38-20MHz-16QAM-37850-1RB#0-Range2:1000~30000MHz



Date: 5.MAY.2021 08:39:37

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



Date: 5.MAY.2021 08:40:32



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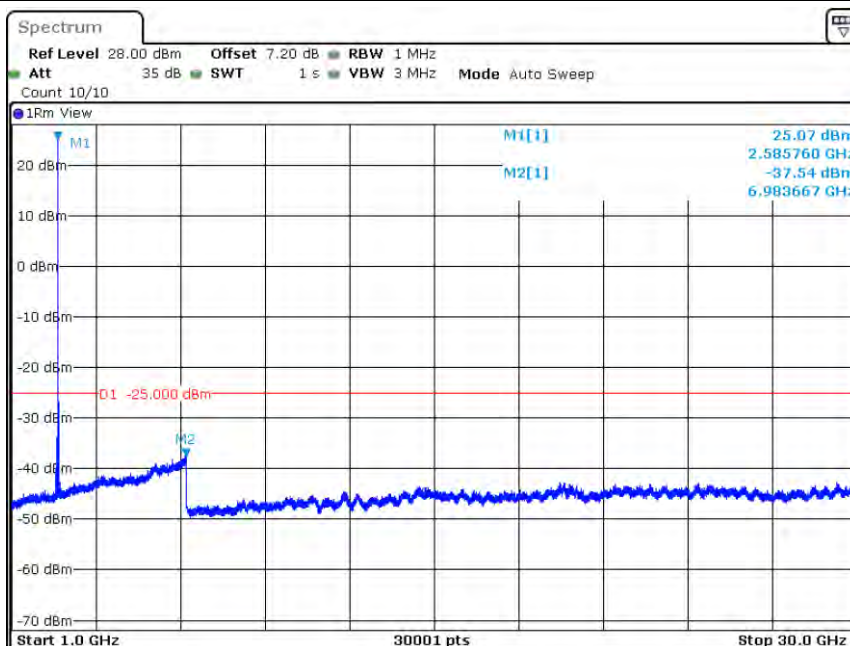
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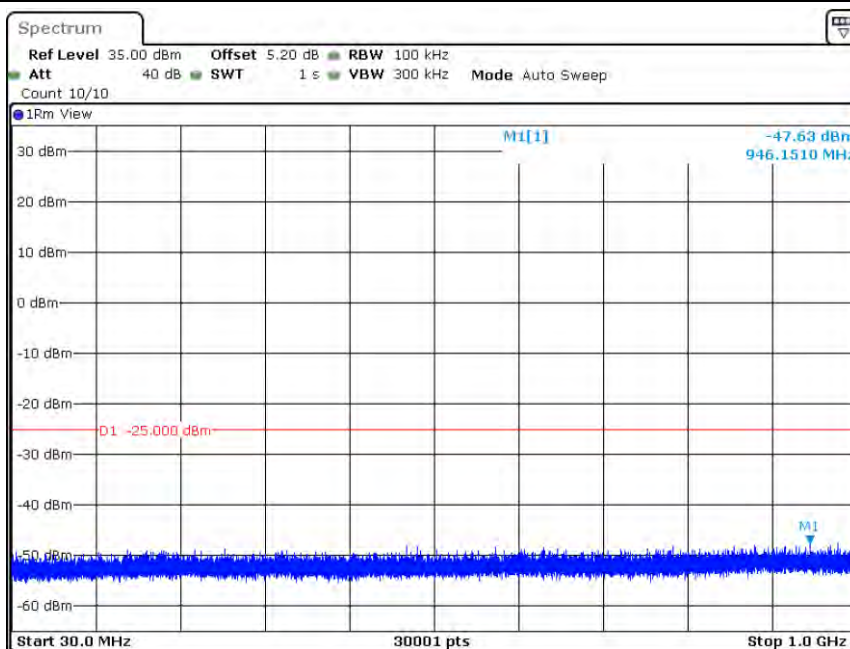


Band38-20MHz-16QAM-38000-1RB#0-Range2:1000~30000MHz



Date: 5.MAY.2021 08:40:48

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

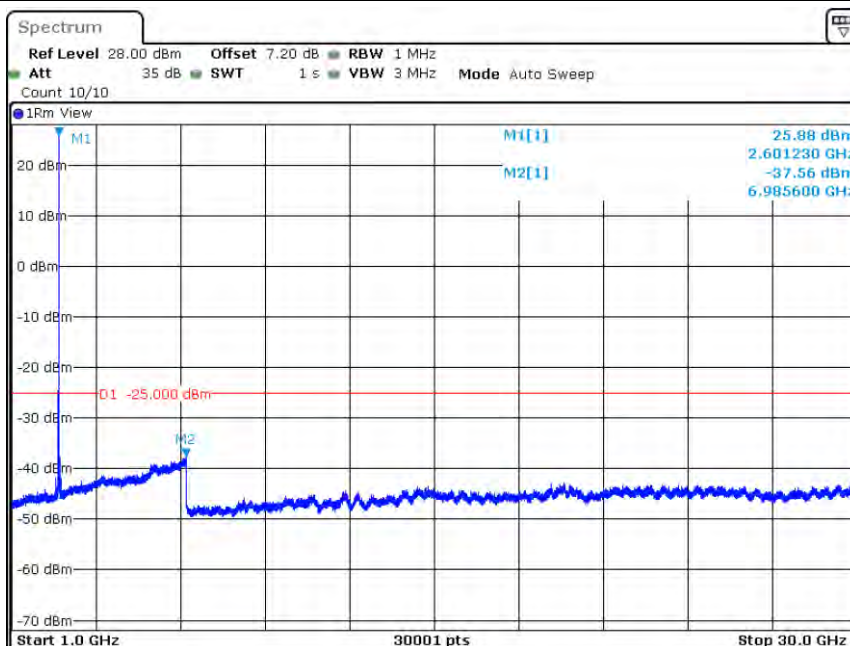


Date: 5.MAY.2021 08:41:43





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



Date: 5.MAY.2021 08:41:59



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7. Field Strength of Spurious Radiation

7.1. Test Band = LTE_Band=38 BW=20MHz ANT0

7.1.1. Test Channel = Mid Channel

Suspected Data List						
NO.	Freq. [MHz]	Reading [dBm]	Level [dBm]	Limit [dBm]	Margin [dB]	Polarity
1	44.6803	-73.83	-57.82	-25.00	32.82	Horizontal
2	235.6537	-79.94	-68.34	-25.00	43.34	Horizontal
3	1589.8237	-74.68	-43.35	-25.00	18.35	Horizontal
4	5754.7102	-33.09	-35.03	-25.00	10.03	Horizontal
5	16408.136	-59.46	-43.90	-25.00	18.90	Horizontal
6	17996.399	-57.76	-43.05	-25.00	18.05	Horizontal



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7.2. Test Band = LTE_Band=38 BW=20MHz ANT0

7.2.1. Test Channel = Mid Channel

Suspected Data List						
NO.	Freq. [MHz]	Reading [dBm]	Level [dBm]	Limit [dBm]	Margin [dB]	Polarity
1	106.9585	-80.50	-65.82	-25.00	40.82	Vertical
2	605.1190	-80.04	-63.72	-25.00	38.72	Vertical
3	1711.0889	-74.56	-42.75	-25.00	17.75	Vertical
4	4884.0754	-46.32	-50.14	-25.00	25.14	Vertical
5	14525.261	-62.16	-48.19	-25.00	23.19	Vertical
6	17987.999	-58.15	-38.68	-25.00	13.68	Vertical



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7.3. Test Band = LTE_Band=38 BW=20MHz ANT0

7.3.1. Test Channel = High Channel

Suspected Data List						
NO.	Freq. [MHz]	Reading [dBm]	Level [dBm]	Limit [dBm]	Margin [dB]	Polarity
1	43.8396	-73.64	-57.68	-25.00	32.68	Horizontal
2	224.0776	-79.65	-68.93	-25.00	43.93	Horizontal
3	1636.3295	-74.40	-43.42	-25.00	18.42	Horizontal
4	5291.4917	-57.27	-55.84	-25.00	30.84	Horizontal
5	16408.736	-59.25	-43.71	-25.00	18.71	Horizontal
6	17986.199	-58.25	-43.52	-25.00	18.52	Horizontal



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7.4. Test Band = LTE_Band=38 BW=20MHz ANT0

7.4.1. Test Channel = High Channel

Suspected Data List						
NO.	Freq. [MHz]	Reading [dBm]	Level [dBm]	Limit [dBm]	Margin [dB]	Polarity
1	44.2276	-73.34	-67.29	-25.00	42.29	Vertical
2	118.5992	-80.38	-65.76	-25.00	40.76	Vertical
3	1711.5889	-74.54	-42.75	-25.00	17.75	Vertical
4	5319.6928	-57.14	-56.33	-25.00	31.33	Vertical
5	14278.0511	-62.04	-48.46	-25.00	23.46	Vertical
6	17984.399	-57.74	-38.26	-25.00	13.26	Vertical



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7.5. Test Band = LTE_Band=41 BW=20MHz ANT0

7.5.1. Test Channel = Mid Channel

Suspected Data List						
NO.	Freq. [MHz]	Reading [dBm]	Level [dBm]	Limit [dBm]	Margin [dB]	Polarity
1	44.4537	-73.65	-57.65	-25.00	32.65	Horizontal
2	241.9556	-78.76	-67.09	-25.00	42.09	Horizontal
3	1468.8938	-72.16	-42.23	-25.00	17.23	Horizontal
4	5319.5773	-57.10	-55.78	-25.00	30.78	Horizontal
5	16407.946	-58.44	-42.87	-25.00	17.87	Horizontal
6	17992.999	-57.92	-43.20	-25.00	18.20	Horizontal



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7.6. Test Band = LTE_Band=41 BW=20MHz ANT0

7.6.1. Test Channel = Mid Channel

Suspected Data List						
NO.	Freq. [MHz]	Reading [dBm]	Level [dBm]	Limit [dBm]	Margin [dB]	Polarity
1	42.9987	-74.45	-69.47	-25.00	44.47	Vertical
2	115.8008	-79.08	-64.23	-25.00	39.23	Vertical
3	1583.7167	-72.34	-41.08	-25.00	16.08	Vertical
4	5441.0814	-57.26	-58.40	-25.00	33.40	Vertical
5	14520.384	-61.65	-47.77	-25.00	22.77	Vertical
6	17988.999	-57.65	-38.18	-25.00	13.18	Vertical





7.7. Test Band = LTE_Band=38 BW=20MHz ANT2

7.7.1. Test Channel = Low Channel

Suspected Data List						
NO.	Freq. [MHz]	Reading [dBm]	Level [dBm]	Limit [dBm]	Margin [dB]	Polarity
1	44.3570	-72.41	-56.42	-25.00	31.42	Horizontal
2	771.5821	-80.20	-61.81	-25.00	36.81	Horizontal
3	1768.3460	-74.36	-43.20	-25.00	18.20	Horizontal
4	5301.6921	-57.35	-55.77	-25.00	30.77	Horizontal
5	16406.336	-59.13	-43.49	-25.00	18.49	Horizontal
6	17991.599	-58.27	-43.55	-25.00	18.55	Horizontal





7.8. Test Band = LTE_Band=38 BW=20MHz ANT2

7.8.1. Test Channel = Low Channel

Suspected Data List						
NO.	Freq. [MHz]	Reading [dBm]	Level [dBm]	Limit [dBm]	Margin [dB]	Polarity
1	44.6156	-74.18	-67.79	-25.00	42.79	Vertical
2	113.4256	-79.77	-64.73	-25.00	39.73	Vertical
3	1718.8399	-74.22	-42.80	-25.00	17.80	Vertical
4	5301.6921	-56.91	-55.85	-25.00	30.85	Vertical
5	14689.667	-60.87	-47.23	-25.00	22.23	Vertical
6	17986.199	-58.12	-38.65	-25.00	13.65	Vertical





7.9. Test Band = LTE_Band=38 BW=20MHz ANT2

7.9.1. Test Channel = Mid Channel

Suspected Data List						
NO.	Freq. [MHz]	Reading [dBm]	Level [dBm]	Limit [dBm]	Margin [dB]	Polarity
1	44.5510	-72.96	-56.96	-25.00	31.96	Horizontal
2	581.2554	-80.05	-64.03	-25.00	39.03	Horizontal
3	1570.0713	-74.61	-43.42	-25.00	18.42	Horizontal
4	5290.2916	-57.06	-55.66	-25.00	30.66	Horizontal
5	16404.536	-58.91	-43.20	-25.00	18.20	Horizontal
6	17993.399	-57.89	-43.17	-25.00	18.17	Horizontal





7.10. Test Band = LTE_Band=38 BW=20MHz ANT2

7.10.1. Test Channel = Mid Channel

Suspected Data List						
NO.	Freq. [MHz]	Reading [dBm]	Level [dBm]	Limit [dBm]	Margin [dB]	Polarity
1	44.6803	-73.45	-67.00	-25.00	42.00	Vertical
2	104.4363	-80.11	-65.95	-25.00	40.95	Vertical
3	1718.5898	-74.41	-42.98	-25.00	17.98	Vertical
4	5294.4918	-57.24	-56.27	-25.00	31.27	Vertical
5	14690.867	-60.87	-47.23	-25.00	22.23	Vertical
6	17988.599	-58.11	-38.64	-25.00	13.64	Vertical



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7.11. Test Band = LTE_Band=38 BW=20MHz ANT2

7.11.1. Test Channel = High Channel

Suspected Data List						
NO.	Freq. [MHz]	Reading [dBm]	Level [dBm]	Limit [dBm]	Margin [dB]	Polarity
1	43.9689	-73.50	-57.54	-25.00	32.54	Horizontal
2	610.2927	-79.78	-63.55	-25.00	38.55	Horizontal
3	1759.8450	-74.27	-43.32	-25.00	18.32	Horizontal
4	5295.6918	-57.73	-56.21	-25.00	31.21	Horizontal
5	16406.936	-59.30	-43.69	-25.00	18.69	Horizontal
6	17981.999	-57.77	-43.03	-25.00	18.03	Horizontal



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7.12. Test Band = LTE_Band=38 BW=20MHz ANT2

7.12.1. Test Channel = High Channel

Suspected Data List						
NO.	Freq. [MHz]	Reading [dBm]	Level [dBm]	Limit [dBm]	Margin [dB]	Polarity
1	44.2276	-73.39	-67.34	-25.00	42.34	Vertical
2	115.6244	-79.68	-64.82	-25.00	39.82	Vertical
3	1674.8344	-74.25	-42.81	-25.00	17.81	Vertical
4	5293.2917	-57.41	-56.46	-25.00	31.46	Vertical
5	14681.267	-61.04	-47.40	-25.00	22.40	Vertical
6	17987.999	-58.15	-38.68	-25.00	13.68	Vertical



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7.13. Test Band = LTE_Band=38 BW=20MHz ANT3

7.13.1. Test Channel = Low Channel

Suspected Data List						
NO.	Freq. [MHz]	Reading [dBm]	Level [dBm]	Limit [dBm]	Margin [dB]	Polarity
1	44.5510	-73.65	-57.65	-25.00	32.65	Horizontal
2	626.6544	-80.18	-63.70	-25.00	38.70	Horizontal
3	1581.5727	-74.65	-43.41	-25.00	18.41	Horizontal
4	5311.8925	-57.29	-55.86	-25.00	30.86	Horizontal
5	16405.136	-58.85	-43.16	-25.00	18.16	Horizontal
6	17993.399	-58.04	-43.32	-25.00	18.32	Horizontal





7.14. Test Band = LTE_Band=38 BW=20MHz ANT3

7.14.1. Test Channel = Low Channel

Suspected Data List						
NO.	Freq. [MHz]	Reading [dBm]	Level [dBm]	Limit [dBm]	Margin [dB]	Polarity
1	44.4863	-72.82	-66.54	-25.00	41.54	Vertical
2	110.1920	-79.84	-64.55	-25.00	39.55	Vertical
3	1708.5886	-74.87	-43.01	-25.00	18.01	Vertical
4	5234.4894	-56.87	-57.12	-25.00	32.12	Vertical
5	14684.867	-61.15	-47.51	-25.00	22.51	Vertical
6	17989.799	-57.45	-37.98	-25.00	12.98	Vertical





7.15. Test Band = LTE_Band=38 BW=20MHz ANT3

7.15.1. Test Channel = Mid Channel

Suspected Data List						
NO.	Freq. [MHz]	Reading [dBm]	Level [dBm]	Limit [dBm]	Margin [dB]	Polarity
1	44.4863	-72.15	-56.15	-25.00	31.15	Horizontal
2	588.9513	-79.66	-63.42	-25.00	38.42	Horizontal
3	1598.5748	-74.87	-43.59	-25.00	18.59	Horizontal
4	5293.8918	-57.18	-55.70	-25.00	30.70	Horizontal
5	16402.136	-59.56	-43.75	-25.00	18.75	Horizontal
6	17981.999	-58.08	-43.34	-25.00	18.34	Horizontal



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7.16. Test Band = LTE_Band=38 BW=20MHz ANT3

7.16.1. Test Channel = Mid Channel

Suspected Data List						
NO.	Freq. [MHz]	Reading [dBm]	Level [dBm]	Limit [dBm]	Margin [dB]	Polarity
1	44.4863	-74.04	-67.76	-25.00	42.76	Vertical
2	106.6351	-80.91	-66.29	-25.00	41.29	Vertical
3	1679.0849	-74.34	-42.78	-25.00	17.78	Vertical
4	5275.8910	-57.19	-56.58	-25.00	31.58	Vertical
5	14684.267	-61.08	-47.44	-25.00	22.44	Vertical
6	17991.599	-58.00	-38.54	-25.00	13.54	Vertical



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7.17. Test Band = LTE_Band=38 BW=20MHz ANT3

7.17.1. Test Channel = High Channel

Suspected Data List						
NO.	Freq. [MHz]	Reading [dBm]	Level [dBm]	Limit [dBm]	Margin [dB]	Polarity
1	44.0983	-73.69	-57.72	-25.00	32.72	Horizontal
2	585.0063	-80.33	-64.21	-25.00	39.21	Horizontal
3	1634.0793	-74.44	-43.42	-25.00	18.42	Horizontal
4	5305.2922	-57.44	-55.91	-25.00	30.91	Horizontal
5	16409.936	-59.57	-44.08	-25.00	19.08	Horizontal
6	17996.999	-57.85	-43.14	-25.00	18.14	Horizontal



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7.18. Test Band = LTE_Band=38 BW=20MHz ANT3

7.18.1. Test Channel = High Channel

Suspected Data List						
NO.	Freq. [MHz]	Reading [dBm]	Level [dBm]	Limit [dBm]	Margin [dB]	Polarity
1	44.6156	-73.74	-67.35	-25.00	42.35	Vertical
2	110.3214	-79.59	-64.31	-25.00	39.31	Vertical
3	1710.0888	-74.74	-42.88	-25.00	17.88	Vertical
4	5306.4923	-57.49	-56.50	-25.00	31.50	Vertical
5	14715.468	-60.67	-47.37	-25.00	22.37	Vertical
6	17997.599	-57.92	-38.47	-25.00	13.47	Vertical





7.19. Test Band = LTE_Band=38 BW=20MHz ANT4

7.19.1. Test Channel = Low Channel

Suspected Data List						
NO.	Freq. [MHz]	Reading [dBm]	Level [dBm]	Limit [dBm]	Margin [dB]	Polarity
1	44.4863	-73.14	-57.14	-25.00	32.14	Horizontal
2	566.5751	-80.03	-64.29	-25.00	39.29	Horizontal
3	1597.5747	-74.68	-43.39	-25.00	18.39	Horizontal
4	5297.4919	-57.57	-56.01	-25.00	31.01	Horizontal
5	16396.735	-59.58	-43.82	-25.00	18.82	Horizontal
6	17990.399	-58.06	-43.34	-25.00	18.34	Horizontal



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7.20. Test Band = LTE_Band=38 BW=20MHz ANT4

7.20.1. Test Channel = Low Channel

Suspected Data List						
NO.	Freq. [MHz]	Reading [dBm]	Level [dBm]	Limit [dBm]	Margin [dB]	Polarity
1	44.4863	-72.41	-66.13	-25.00	41.13	Vertical
2	112.0028	-80.46	-65.31	-25.00	40.31	Vertical
3	1713.8392	-74.55	-42.88	-25.00	17.88	Vertical
4	5282.4913	-57.39	-56.65	-25.00	31.65	Vertical
5	14516.860	-61.14	-47.33	-25.00	22.33	Vertical
6	17993.999	-57.96	-38.50	-25.00	13.50	Vertical



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7.21. Test Band = LTE_Band=38 BW=20MHz ANT4

7.21.1. Test Channel = Mid Channel

Suspected Data List						
NO.	Freq. [MHz]	Reading [dBm]	Level [dBm]	Limit [dBm]	Margin [dB]	Polarity
1	44.6803	-74.14	-58.13	-25.00	33.13	Horizontal
2	509.8587	-80.94	-66.33	-25.00	41.33	Horizontal
3	1838.8549	-74.45	-42.90	-25.00	17.90	Horizontal
4	5317.2927	-57.21	-55.86	-25.00	30.86	Horizontal
5	16394.935	-58.98	-43.29	-25.00	18.29	Horizontal
6	17990.999	-58.01	-43.29	-25.00	18.29	Horizontal



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7.22. Test Band = LTE_Band=38 BW=20MHz ANT4

7.22.1. Test Channel = Mid Channel

Suspected Data List						
NO.	Freq. [MHz]	Reading [dBm]	Level [dBm]	Limit [dBm]	Margin [dB]	Polarity
1	44.6803	-74.45	-68.00	-25.00	43.00	Vertical
2	108.3166	-80.35	-65.39	-25.00	40.39	Vertical
3	1715.0894	-74.36	-42.75	-25.00	17.75	Vertical
4	5291.4917	-56.94	-56.03	-25.00	31.03	Vertical
5	14542.061	-61.79	-47.50	-25.00	22.50	Vertical
6	17985.599	-58.07	-38.59	-25.00	13.59	Vertical



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7.23. Test Band = LTE_Band=38 BW=20MHz ANT4

7.23.1. Test Channel = High Channel

Suspected Data List						
NO.	Freq. [MHz]	Reading [dBm]	Level [dBm]	Limit [dBm]	Margin [dB]	Polarity
1	43.9689	-73.74	-57.78	-25.00	32.78	Horizontal
2	565.1523	-80.15	-64.38	-25.00	39.38	Horizontal
3	1838.6048	-74.44	-42.89	-25.00	17.89	Horizontal
4	5284.2914	-57.04	-55.77	-25.00	30.77	Horizontal
5	16407.536	-59.19	-43.60	-25.00	18.60	Horizontal
6	17987.999	-57.57	-42.84	-25.00	17.84	Horizontal



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7.24. Test Band = LTE_Band=38 BW=20MHz ANT4

7.24.1. Test Channel = High Channel

Suspected Data List						
NO.	Freq. [MHz]	Reading [dBm]	Level [dBm]	Limit [dBm]	Margin [dB]	Polarity
1	44.4863	-73.52	-67.24	-25.00	42.24	Vertical
2	117.6292	-79.91	-65.21	-25.00	40.21	Vertical
3	1599.0749	-74.73	-43.47	-25.00	18.47	Vertical
4	5294.4918	-57.06	-56.09	-25.00	31.09	Vertical
5	14524.061	-61.41	-47.46	-25.00	22.46	Vertical
6	17987.399	-58.10	-38.63	-25.00	13.63	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.





8. Frequency Stability

8.1. Frequency Vs Voltage

Band	Bandwidth	Modulation	Channel	RB Configure	Voltage [Vdc]	Temperature (°C)	Deviation (Hz)	Deviation (ppm)	Limit (ppm)	Verdict
Band38	20MHz	QPSK	37850	100RB#0	VL	NT	3.20	0.001240	±2.5	PASS
Band38	20MHz	QPSK	37850	100RB#0	VN	NT	0.70	0.000271	±2.5	PASS
Band38	20MHz	QPSK	37850	100RB#0	VH	NT	0.80	0.000310	±2.5	PASS
Band38	20MHz	QPSK	38000	100RB#0	VL	NT	7.10	0.002736	±2.5	PASS
Band38	20MHz	QPSK	38000	100RB#0	VN	NT	2.30	0.000886	±2.5	PASS
Band38	20MHz	QPSK	38000	100RB#0	VH	NT	5.60	0.002158	±2.5	PASS
Band38	20MHz	QPSK	38150	100RB#0	VL	NT	4.30	0.001648	±2.5	PASS
Band38	20MHz	QPSK	38150	100RB#0	VN	NT	3.80	0.001456	±2.5	PASS
Band38	20MHz	QPSK	38150	100RB#0	VH	NT	2.90	0.001111	±2.5	PASS
Band38	20MHz	64QAM	37850	100RB#0	VL	NT	2.80	0.001085	±2.5	PASS
Band38	20MHz	64QAM	37850	100RB#0	VN	NT	3.30	0.001279	±2.5	PASS
Band38	20MHz	64QAM	37850	100RB#0	VH	NT	4.60	0.001783	±2.5	PASS
Band38	20MHz	64QAM	38000	100RB#0	VL	NT	6.10	0.002351	±2.5	PASS
Band38	20MHz	64QAM	38000	100RB#0	VN	NT	2.70	0.001040	±2.5	PASS
Band38	20MHz	64QAM	38000	100RB#0	VH	NT	4.20	0.001618	±2.5	PASS
Band38	20MHz	64QAM	38150	100RB#0	VL	NT	6.80	0.002605	±2.5	PASS
Band38	20MHz	64QAM	38150	100RB#0	VN	NT	5.70	0.002184	±2.5	PASS
Band38	20MHz	64QAM	38150	100RB#0	VH	NT	5.90	0.002261	±2.5	PASS
Band38	20MHz	16QAM	37850	100RB#0	VL	NT	0.90	0.000349	±2.5	PASS
Band38	20MHz	16QAM	37850	100RB#0	VN	NT	2.80	0.001085	±2.5	PASS
Band38	20MHz	16QAM	37850	100RB#0	VH	NT	0.80	0.000310	±2.5	PASS
Band38	20MHz	16QAM	38000	100RB#0	VL	NT	8.00	0.003083	±2.5	PASS
Band38	20MHz	16QAM	38000	100RB#0	VN	NT	2.00	0.000771	±2.5	PASS
Band38	20MHz	16QAM	38000	100RB#0	VH	NT	6.40	0.002466	±2.5	PASS
Band38	20MHz	16QAM	38150	100RB#0	VL	NT	6.80	0.002605	±2.5	PASS
Band38	20MHz	16QAM	38150	100RB#0	VN	NT	3.40	0.001303	±2.5	PASS
Band38	20MHz	16QAM	38150	100RB#0	VH	NT	7.90	0.003027	±2.5	PASS



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8.2. Frequency Vs Temperature

Band	Bandwidth	Modulation	Channel	RB Configure	Voltage [Vdc]	Temperature (°C)	Deviation (Hz)	Deviation (ppm)	Limit (ppm)	Verdict
Band38	20MHz	QPSK	37850	100RB#0	NV	-30	3.90	0.001512	±2.5	PASS
Band38	20MHz	QPSK	37850	100RB#0	NV	-20	5.00	0.001938	±2.5	PASS
Band38	20MHz	QPSK	37850	100RB#0	NV	-10	2.40	0.000930	±2.5	PASS
Band38	20MHz	QPSK	37850	100RB#0	NV	0	2.50	0.000969	±2.5	PASS
Band38	20MHz	QPSK	37850	100RB#0	NV	10	5.50	0.002132	±2.5	PASS
Band38	20MHz	QPSK	37850	100RB#0	NV	20	3.10	0.001202	±2.5	PASS
Band38	20MHz	QPSK	37850	100RB#0	NV	30	0.80	0.000310	±2.5	PASS
Band38	20MHz	QPSK	37850	100RB#0	NV	40	5.30	0.002054	±2.5	PASS
Band38	20MHz	QPSK	37850	100RB#0	NV	50	4.00	0.001550	±2.5	PASS
Band38	20MHz	QPSK	38000	100RB#0	NV	-30	4.50	0.001734	±2.5	PASS
Band38	20MHz	QPSK	38000	100RB#0	NV	-20	1.90	0.000732	±2.5	PASS
Band38	20MHz	QPSK	38000	100RB#0	NV	-10	0.50	0.000193	±2.5	PASS
Band38	20MHz	QPSK	38000	100RB#0	NV	0	2.00	0.000771	±2.5	PASS
Band38	20MHz	QPSK	38000	100RB#0	NV	10	0.20	0.000077	±2.5	PASS
Band38	20MHz	QPSK	38000	100RB#0	NV	20	2.70	0.001040	±2.5	PASS
Band38	20MHz	QPSK	38000	100RB#0	NV	30	5.50	0.002119	±2.5	PASS
Band38	20MHz	QPSK	38000	100RB#0	NV	40	6.30	0.002428	±2.5	PASS
Band38	20MHz	QPSK	38000	100RB#0	NV	50	2.60	0.001002	±2.5	PASS
Band38	20MHz	QPSK	38150	100RB#0	NV	-30	5.00	0.001916	±2.5	PASS
Band38	20MHz	QPSK	38150	100RB#0	NV	-20	5.00	0.001916	±2.5	PASS
Band38	20MHz	QPSK	38150	100RB#0	NV	-10	3.90	0.001494	±2.5	PASS
Band38	20MHz	QPSK	38150	100RB#0	NV	0	2.70	0.001034	±2.5	PASS
Band38	20MHz	QPSK	38150	100RB#0	NV	10	8.90	0.003410	±2.5	PASS
Band38	20MHz	QPSK	38150	100RB#0	NV	20	1.90	0.000728	±2.5	PASS
Band38	20MHz	QPSK	38150	100RB#0	NV	30	4.80	0.001839	±2.5	PASS
Band38	20MHz	QPSK	38150	100RB#0	NV	40	7.30	0.002797	±2.5	PASS
Band38	20MHz	QPSK	38150	100RB#0	NV	50	2.60	0.000996	±2.5	PASS
Band38	20MHz	64QAM	37850	100RB#0	NV	-30	3.50	0.001357	±2.5	PASS
Band38	20MHz	64QAM	37850	100RB#0	NV	-20	4.60	0.001783	±2.5	PASS
Band38	20MHz	64QAM	37850	100RB#0	NV	-10	0.50	0.000194	±2.5	PASS
Band38	20MHz	64QAM	37850	100RB#0	NV	0	4.70	0.001822	±2.5	PASS
Band38	20MHz	64QAM	37850	100RB#0	NV	10	2.10	0.000814	±2.5	PASS
Band38	20MHz	64QAM	37850	100RB#0	NV	20	6.90	0.002674	±2.5	PASS
Band38	20MHz	64QAM	37850	100RB#0	NV	30	3.70	0.001434	±2.5	PASS
Band38	20MHz	64QAM	37850	100RB#0	NV	40	-1.70	-0.000659	±2.5	PASS



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Band38	20MHz	64QAM	37850	100RB#0	NV	50	-2.40	-0.000930	±2.5	PASS
Band38	20MHz	64QAM	38000	100RB#0	NV	-30	6.40	0.002466	±2.5	PASS
Band38	20MHz	64QAM	38000	100RB#0	NV	-20	4.70	0.001811	±2.5	PASS
Band38	20MHz	64QAM	38000	100RB#0	NV	-10	2.30	0.000886	±2.5	PASS
Band38	20MHz	64QAM	38000	100RB#0	NV	0	2.20	0.000848	±2.5	PASS
Band38	20MHz	64QAM	38000	100RB#0	NV	10	4.40	0.001696	±2.5	PASS
Band38	20MHz	64QAM	38000	100RB#0	NV	20	3.20	0.001233	±2.5	PASS
Band38	20MHz	64QAM	38000	100RB#0	NV	30	2.80	0.001079	±2.5	PASS
Band38	20MHz	64QAM	38000	100RB#0	NV	40	4.90	0.001888	±2.5	PASS
Band38	20MHz	64QAM	38000	100RB#0	NV	50	6.70	0.002582	±2.5	PASS
Band38	20MHz	64QAM	38150	100RB#0	NV	-30	3.80	0.001456	±2.5	PASS
Band38	20MHz	64QAM	38150	100RB#0	NV	-20	3.00	0.001149	±2.5	PASS
Band38	20MHz	64QAM	38150	100RB#0	NV	-10	4.10	0.001571	±2.5	PASS
Band38	20MHz	64QAM	38150	100RB#0	NV	0	4.60	0.001762	±2.5	PASS
Band38	20MHz	64QAM	38150	100RB#0	NV	10	9.10	0.003487	±2.5	PASS
Band38	20MHz	64QAM	38150	100RB#0	NV	20	2.90	0.001111	±2.5	PASS
Band38	20MHz	64QAM	38150	100RB#0	NV	30	1.00	0.000383	±2.5	PASS
Band38	20MHz	64QAM	38150	100RB#0	NV	40	7.70	0.002950	±2.5	PASS
Band38	20MHz	64QAM	38150	100RB#0	NV	50	5.20	0.001992	±2.5	PASS
Band38	20MHz	16QAM	37850	100RB#0	NV	-30	-1.90	-0.000736	±2.5	PASS
Band38	20MHz	16QAM	37850	100RB#0	NV	-20	0.10	0.000039	±2.5	PASS
Band38	20MHz	16QAM	37850	100RB#0	NV	-10	4.40	0.001705	±2.5	PASS
Band38	20MHz	16QAM	37850	100RB#0	NV	0	4.00	0.001550	±2.5	PASS
Band38	20MHz	16QAM	37850	100RB#0	NV	10	2.20	0.000853	±2.5	PASS
Band38	20MHz	16QAM	37850	100RB#0	NV	20	5.00	0.001938	±2.5	PASS
Band38	20MHz	16QAM	37850	100RB#0	NV	30	3.20	0.001240	±2.5	PASS
Band38	20MHz	16QAM	37850	100RB#0	NV	40	4.30	0.001667	±2.5	PASS
Band38	20MHz	16QAM	37850	100RB#0	NV	50	1.90	0.000736	±2.5	PASS
Band38	20MHz	16QAM	38000	100RB#0	NV	-30	3.70	0.001426	±2.5	PASS
Band38	20MHz	16QAM	38000	100RB#0	NV	-20	5.80	0.002235	±2.5	PASS
Band38	20MHz	16QAM	38000	100RB#0	NV	-10	1.70	0.000655	±2.5	PASS
Band38	20MHz	16QAM	38000	100RB#0	NV	0	5.50	0.002119	±2.5	PASS
Band38	20MHz	16QAM	38000	100RB#0	NV	10	5.10	0.001965	±2.5	PASS
Band38	20MHz	16QAM	38000	100RB#0	NV	20	4.20	0.001618	±2.5	PASS
Band38	20MHz	16QAM	38000	100RB#0	NV	30	3.50	0.001349	±2.5	PASS
Band38	20MHz	16QAM	38000	100RB#0	NV	40	4.80	0.001850	±2.5	PASS
Band38	20MHz	16QAM	38000	100RB#0	NV	50	4.80	0.001850	±2.5	PASS
Band38	20MHz	16QAM	38150	100RB#0	NV	-30	2.80	0.001073	±2.5	PASS



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Band38	20MHz	16QAM	38150	100RB#0	NV	-20	4.90	0.001877	±2.5	PASS
Band38	20MHz	16QAM	38150	100RB#0	NV	-10	4.30	0.001648	±2.5	PASS
Band38	20MHz	16QAM	38150	100RB#0	NV	0	8.90	0.003410	±2.5	PASS
Band38	20MHz	16QAM	38150	100RB#0	NV	10	6.00	0.002299	±2.5	PASS
Band38	20MHz	16QAM	38150	100RB#0	NV	20	7.70	0.002950	±2.5	PASS
Band38	20MHz	16QAM	38150	100RB#0	NV	30	2.90	0.001111	±2.5	PASS
Band38	20MHz	16QAM	38150	100RB#0	NV	40	5.30	0.002031	±2.5	PASS
Band38	20MHz	16QAM	38150	100RB#0	NV	50	7.90	0.003027	±2.5	PASS



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