



Appendix B

E-UTRA Band 38



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CONTENT

1	EFFECTIVE (ISOTROPIC) RADIATED POWER	4
1.1.	TEST RESULT	4
2.	PEAK-TO-AVERAGE RATIO (CCDF)	18
2.1.	TEST RESULT	18
2.2.	TEST PLOTS.....	18
3.	MODULATION CHARACTERISTICS	23
3.1.	TEST MODE = LTE /TM1 20MHZ.....	23
3.1.1.	TEST CHANNEL = MCH.....	23
3.2.	TEST MODE = LTE /TM2 20MHZ.....	24
3.2.1.	TEST CHANNEL = MCH.....	24
3.3.	TEST MODE = LTE /TM3 20MHZ.....	25
3.3.1.	TEST CHANNEL = MCH.....	25
4.	26DB BANDWIDTH AND OCCUPIED BANDWIDTH	26
4.1.	TEST RESULT	26
4.2.	TEST PLOTS.....	27
5.	BAND EDGE COMPLIANCE	46
5.1.	TEST PLOTS.....	46
6.	SPURIOUS EMISSION AT ANTENNA TERMINAL	71
6.1.	TEST PLOTS.....	71
7.	FIELD STRENGTH OF SPURIOUS RADIATION.....	81
7.1.	Test Band = LTE_38_TM1 MAIN	81
7.1.1.	Test Channel = Low Channel	81
7.2.	Test Band = LTE_38_TM1 MAIN	82
7.2.1.	Test Channel = Low Channel	82
7.3.	Test Band = LTE_38_TM1 MAIN	83
7.3.1.	Test Channel = Mid Channel	83
7.4.	Test Band = LTE_38_TM1 MAIN	84
7.4.1.	Test Channel = Mid Channel	84
7.5.	Test Band = LTE_38_TM1 MAIN	85
7.5.1.	Test Channel = High Channel	85



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7.6.	Test Band = LTE_38_TM1 MAIN	86
7.6.1.	Test Channel = High Channel	86
7.7.	Test Band = LTE_38_TM1 DIV	87
7.7.1.	Test Channel = Low Channel	87
7.8.	Test Band = LTE_38_TM1 DIV	88
7.8.1.	Test Channel = Low Channel	88
7.9.	Test Band = LTE_38_TM1 DIV	89
7.9.1.	Test Channel = Mid Channel	89
7.10.	Test Band = LTE_38_TM1 DIV	90
7.10.1.	Test Channel = Mid Channel	90
7.11.	Test Band = LTE_38_TM1 DIV	91
7.11.1.	Test Channel = High Channel	91
7.12.	Test Band = LTE_38_TM1 DIV	92
7.12.1.	Test Channel = High Channel	92
8.	FREQUENCY STABILITY	93
8.1.	FREQUENCY VS VOLTAGE	93
8.2.	FREQUENCY VS TEMPERATURE	94



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1 Effective (Isotropic) Radiated Power

1.1. Test Result

MAIN:

Band	Bandwidth	Modulation	Channel	RB Config.	Result (dBm)	EIRP (dBm)	Limit (dBm)	Verdict
Band38	5MHz	QPSK	37775	1RB#0	24.90	24.60	33.00	PASS
Band38	5MHz	QPSK	37775	1RB#12	24.66	24.36	33.00	PASS
Band38	5MHz	QPSK	37775	1RB#24	24.98	24.68	33.00	PASS
Band38	5MHz	QPSK	37775	12RB#0	24.03	23.73	33.00	PASS
Band38	5MHz	QPSK	37775	12RB#6	24.09	23.79	33.00	PASS
Band38	5MHz	QPSK	37775	12RB#13	23.98	23.68	33.00	PASS
Band38	5MHz	QPSK	37775	25RB#0	23.84	23.54	33.00	PASS
Band38	5MHz	QPSK	38000	1RB#0	24.68	24.38	33.00	PASS
Band38	5MHz	QPSK	38000	1RB#12	24.66	24.36	33.00	PASS
Band38	5MHz	QPSK	38000	1RB#24	24.42	24.12	33.00	PASS
Band38	5MHz	QPSK	38000	12RB#0	23.54	23.24	33.00	PASS
Band38	5MHz	QPSK	38000	12RB#6	23.74	23.44	33.00	PASS
Band38	5MHz	QPSK	38000	12RB#13	23.72	23.42	33.00	PASS
Band38	5MHz	QPSK	38000	25RB#0	23.74	23.44	33.00	PASS
Band38	5MHz	QPSK	38225	1RB#0	24.75	24.45	33.00	PASS
Band38	5MHz	QPSK	38225	1RB#12	24.65	24.35	33.00	PASS
Band38	5MHz	QPSK	38225	1RB#24	24.44	24.14	33.00	PASS
Band38	5MHz	QPSK	38225	12RB#0	23.67	23.37	33.00	PASS
Band38	5MHz	QPSK	38225	12RB#6	23.64	23.34	33.00	PASS
Band38	5MHz	QPSK	38225	12RB#13	23.08	22.78	33.00	PASS
Band38	5MHz	QPSK	38225	25RB#0	23.08	22.78	33.00	PASS
Band38	5MHz	16QAM	37775	1RB#0	24.18	23.88	33.00	PASS
Band38	5MHz	16QAM	37775	1RB#12	23.95	23.65	33.00	PASS
Band38	5MHz	16QAM	37775	1RB#24	24.48	24.18	33.00	PASS
Band38	5MHz	16QAM	37775	12RB#0	23.03	22.73	33.00	PASS
Band38	5MHz	16QAM	37775	12RB#6	23.13	22.83	33.00	PASS
Band38	5MHz	16QAM	37775	12RB#13	22.94	22.64	33.00	PASS
Band38	5MHz	16QAM	37775	25RB#0	23.00	22.70	33.00	PASS
Band38	5MHz	16QAM	38000	1RB#0	23.75	23.45	33.00	PASS
Band38	5MHz	16QAM	38000	1RB#12	23.87	23.57	33.00	PASS
Band38	5MHz	16QAM	38000	1RB#24	23.88	23.58	33.00	PASS



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Band38	5MHz	16QAM	38000	12RB#0	22.94	22.64	33.00	PASS
Band38	5MHz	16QAM	38000	12RB#6	22.71	22.41	33.00	PASS
Band38	5MHz	16QAM	38000	12RB#13	22.60	22.30	33.00	PASS
Band38	5MHz	16QAM	38000	25RB#0	22.70	22.40	33.00	PASS
Band38	5MHz	16QAM	38225	1RB#0	23.92	23.62	33.00	PASS
Band38	5MHz	16QAM	38225	1RB#12	23.57	23.27	33.00	PASS
Band38	5MHz	16QAM	38225	1RB#24	23.72	23.42	33.00	PASS
Band38	5MHz	16QAM	38225	12RB#0	22.79	22.49	33.00	PASS
Band38	5MHz	16QAM	38225	12RB#6	22.79	22.49	33.00	PASS
Band38	5MHz	16QAM	38225	12RB#13	22.89	22.59	33.00	PASS
Band38	5MHz	16QAM	38225	25RB#0	22.75	22.45	33.00	PASS
Band38	5MHz	64QAM	37775	1RB#0	23.13	22.83	33.00	PASS
Band38	5MHz	64QAM	37775	1RB#12	22.86	22.56	33.00	PASS
Band38	5MHz	64QAM	37775	1RB#24	23.39	23.09	33.00	PASS
Band38	5MHz	64QAM	37775	12RB#0	21.96	21.66	33.00	PASS
Band38	5MHz	64QAM	37775	12RB#6	22.06	21.76	33.00	PASS
Band38	5MHz	64QAM	37775	12RB#13	21.86	21.56	33.00	PASS
Band38	5MHz	64QAM	37775	25RB#0	21.90	21.60	33.00	PASS
Band38	5MHz	64QAM	38000	1RB#0	22.65	22.35	33.00	PASS
Band38	5MHz	64QAM	38000	1RB#12	22.80	22.50	33.00	PASS
Band38	5MHz	64QAM	38000	1RB#24	22.81	22.51	33.00	PASS
Band38	5MHz	64QAM	38000	12RB#0	21.85	21.55	33.00	PASS
Band38	5MHz	64QAM	38000	12RB#6	21.65	21.35	33.00	PASS
Band38	5MHz	64QAM	38000	12RB#13	21.54	21.24	33.00	PASS
Band38	5MHz	64QAM	38000	25RB#0	21.61	21.31	33.00	PASS
Band38	5MHz	64QAM	38225	1RB#0	22.84	22.54	33.00	PASS
Band38	5MHz	64QAM	38225	1RB#12	22.50	22.20	33.00	PASS
Band38	5MHz	64QAM	38225	1RB#24	22.65	22.35	33.00	PASS
Band38	5MHz	64QAM	38225	12RB#0	21.74	21.44	33.00	PASS
Band38	5MHz	64QAM	38225	12RB#6	21.70	21.40	33.00	PASS
Band38	5MHz	64QAM	38225	12RB#13	21.83	21.53	33.00	PASS
Band38	5MHz	64QAM	38225	25RB#0	21.66	21.36	33.00	PASS
Band38	10MHz	QPSK	37800	1RB#0	24.84	24.54	33.00	PASS
Band38	10MHz	QPSK	37800	1RB#24	24.60	24.30	33.00	PASS
Band38	10MHz	QPSK	37800	1RB#49	24.99	24.69	33.00	PASS
Band38	10MHz	QPSK	37800	25RB#0	24.02	23.72	33.00	PASS
Band38	10MHz	QPSK	37800	25RB#12	24.06	23.76	33.00	PASS
Band38	10MHz	QPSK	37800	25RB#25	23.87	23.57	33.00	PASS



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Band38	10MHz	QPSK	37800	50RB#0	23.85	23.55	33.00	PASS
Band38	10MHz	QPSK	38000	1RB#0	24.66	24.36	33.00	PASS
Band38	10MHz	QPSK	38000	1RB#24	24.64	24.34	33.00	PASS
Band38	10MHz	QPSK	38000	1RB#49	24.34	24.04	33.00	PASS
Band38	10MHz	QPSK	38000	25RB#0	23.72	23.42	33.00	PASS
Band38	10MHz	QPSK	38000	25RB#12	23.79	23.49	33.00	PASS
Band38	10MHz	QPSK	38000	25RB#25	23.80	23.50	33.00	PASS
Band38	10MHz	QPSK	38000	50RB#0	23.81	23.51	33.00	PASS
Band38	10MHz	QPSK	38200	1RB#0	24.68	24.38	33.00	PASS
Band38	10MHz	QPSK	38200	1RB#24	24.71	24.41	33.00	PASS
Band38	10MHz	QPSK	38200	1RB#49	24.41	24.11	33.00	PASS
Band38	10MHz	QPSK	38200	25RB#0	23.64	23.34	33.00	PASS
Band38	10MHz	QPSK	38200	25RB#12	23.72	23.42	33.00	PASS
Band38	10MHz	QPSK	38200	25RB#25	23.22	22.92	33.00	PASS
Band38	10MHz	QPSK	38200	50RB#0	23.24	22.94	33.00	PASS
Band38	10MHz	16QAM	37800	1RB#0	24.25	23.95	33.00	PASS
Band38	10MHz	16QAM	37800	1RB#24	23.91	23.61	33.00	PASS
Band38	10MHz	16QAM	37800	1RB#49	24.48	24.18	33.00	PASS
Band38	10MHz	16QAM	37800	25RB#0	22.96	22.66	33.00	PASS
Band38	10MHz	16QAM	37800	25RB#12	23.13	22.83	33.00	PASS
Band38	10MHz	16QAM	37800	25RB#25	22.88	22.58	33.00	PASS
Band38	10MHz	16QAM	37800	50RB#0	22.94	22.64	33.00	PASS
Band38	10MHz	16QAM	38000	1RB#0	23.95	23.65	33.00	PASS
Band38	10MHz	16QAM	38000	1RB#24	23.96	23.66	33.00	PASS
Band38	10MHz	16QAM	38000	1RB#49	23.87	23.57	33.00	PASS
Band38	10MHz	16QAM	38000	25RB#0	22.87	22.57	33.00	PASS
Band38	10MHz	16QAM	38000	25RB#12	22.81	22.51	33.00	PASS
Band38	10MHz	16QAM	38000	25RB#25	22.64	22.34	33.00	PASS
Band38	10MHz	16QAM	38000	50RB#0	22.73	22.43	33.00	PASS
Band38	10MHz	16QAM	38200	1RB#0	23.75	23.45	33.00	PASS
Band38	10MHz	16QAM	38200	1RB#24	23.66	23.36	33.00	PASS
Band38	10MHz	16QAM	38200	1RB#49	23.77	23.47	33.00	PASS
Band38	10MHz	16QAM	38200	25RB#0	22.95	22.65	33.00	PASS
Band38	10MHz	16QAM	38200	25RB#12	22.78	22.48	33.00	PASS
Band38	10MHz	16QAM	38200	25RB#25	22.96	22.66	33.00	PASS
Band38	10MHz	16QAM	38200	50RB#0	22.75	22.45	33.00	PASS
Band38	10MHz	64QAM	37800	1RB#0	23.12	22.82	33.00	PASS
Band38	10MHz	64QAM	37800	1RB#24	22.90	22.60	33.00	PASS



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Band38	10MHz	64QAM	37800	1RB#49	23.41	23.11	33.00	PASS
Band38	10MHz	64QAM	37800	25RB#0	21.95	21.65	33.00	PASS
Band38	10MHz	64QAM	37800	25RB#12	22.07	21.77	33.00	PASS
Band38	10MHz	64QAM	37800	25RB#25	21.86	21.56	33.00	PASS
Band38	10MHz	64QAM	37800	50RB#0	21.94	21.64	33.00	PASS
Band38	10MHz	64QAM	38000	1RB#0	22.67	22.37	33.00	PASS
Band38	10MHz	64QAM	38000	1RB#24	22.80	22.50	33.00	PASS
Band38	10MHz	64QAM	38000	1RB#49	22.81	22.51	33.00	PASS
Band38	10MHz	64QAM	38000	25RB#0	21.84	21.54	33.00	PASS
Band38	10MHz	64QAM	38000	25RB#12	21.66	21.36	33.00	PASS
Band38	10MHz	64QAM	38000	25RB#25	21.53	21.23	33.00	PASS
Band38	10MHz	64QAM	38000	50RB#0	21.63	21.33	33.00	PASS
Band38	10MHz	64QAM	38200	1RB#0	22.87	22.57	33.00	PASS
Band38	10MHz	64QAM	38200	1RB#24	22.47	22.17	33.00	PASS
Band38	10MHz	64QAM	38200	1RB#49	22.66	22.36	33.00	PASS
Band38	10MHz	64QAM	38200	25RB#0	21.69	21.39	33.00	PASS
Band38	10MHz	64QAM	38200	25RB#12	21.71	21.41	33.00	PASS
Band38	10MHz	64QAM	38200	25RB#25	21.82	21.52	33.00	PASS
Band38	10MHz	64QAM	38200	50RB#0	21.65	21.35	33.00	PASS
Band38	15MHz	QPSK	37825	1RB#0	24.92	24.62	33.00	PASS
Band38	15MHz	QPSK	37825	1RB#38	24.74	24.44	33.00	PASS
Band38	15MHz	QPSK	37825	1RB#74	25.05	24.75	33.00	PASS
Band38	15MHz	QPSK	37825	38RB#0	23.96	23.66	33.00	PASS
Band38	15MHz	QPSK	37825	38RB#18	24.02	23.72	33.00	PASS
Band38	15MHz	QPSK	37825	38RB#37	23.83	23.53	33.00	PASS
Band38	15MHz	QPSK	37825	75RB#0	23.94	23.64	33.00	PASS
Band38	15MHz	QPSK	38000	1RB#0	24.71	24.41	33.00	PASS
Band38	15MHz	QPSK	38000	1RB#38	24.68	24.38	33.00	PASS
Band38	15MHz	QPSK	38000	1RB#74	24.43	24.13	33.00	PASS
Band38	15MHz	QPSK	38000	38RB#0	23.68	23.38	33.00	PASS
Band38	15MHz	QPSK	38000	38RB#18	23.62	23.32	33.00	PASS
Band38	15MHz	QPSK	38000	38RB#37	23.60	23.30	33.00	PASS
Band38	15MHz	QPSK	38000	75RB#0	23.86	23.56	33.00	PASS
Band38	15MHz	QPSK	38175	1RB#0	24.58	24.28	33.00	PASS
Band38	15MHz	QPSK	38175	1RB#38	24.78	24.48	33.00	PASS
Band38	15MHz	QPSK	38175	1RB#74	24.47	24.17	33.00	PASS
Band38	15MHz	QPSK	38175	38RB#0	23.81	23.51	33.00	PASS
Band38	15MHz	QPSK	38175	38RB#18	23.74	23.44	33.00	PASS





Band38	15MHz	QPSK	38175	38RB#37	23.13	22.83	33.00	PASS
Band38	15MHz	QPSK	38175	75RB#0	23.20	22.90	33.00	PASS
Band38	15MHz	16QAM	37825	1RB#0	24.24	23.94	33.00	PASS
Band38	15MHz	16QAM	37825	1RB#38	23.90	23.60	33.00	PASS
Band38	15MHz	16QAM	37825	1RB#74	24.33	24.03	33.00	PASS
Band38	15MHz	16QAM	37825	38RB#0	23.04	22.74	33.00	PASS
Band38	15MHz	16QAM	37825	38RB#18	22.96	22.66	33.00	PASS
Band38	15MHz	16QAM	37825	38RB#37	22.87	22.57	33.00	PASS
Band38	15MHz	16QAM	37825	75RB#0	23.10	22.80	33.00	PASS
Band38	15MHz	16QAM	38000	1RB#0	23.93	23.63	33.00	PASS
Band38	15MHz	16QAM	38000	1RB#38	23.95	23.65	33.00	PASS
Band38	15MHz	16QAM	38000	1RB#74	23.78	23.48	33.00	PASS
Band38	15MHz	16QAM	38000	38RB#0	22.86	22.56	33.00	PASS
Band38	15MHz	16QAM	38000	38RB#18	22.88	22.58	33.00	PASS
Band38	15MHz	16QAM	38000	38RB#37	22.70	22.40	33.00	PASS
Band38	15MHz	16QAM	38000	75RB#0	22.70	22.40	33.00	PASS
Band38	15MHz	16QAM	38175	1RB#0	23.72	23.42	33.00	PASS
Band38	15MHz	16QAM	38175	1RB#38	23.61	23.31	33.00	PASS
Band38	15MHz	16QAM	38175	1RB#74	23.72	23.42	33.00	PASS
Band38	15MHz	16QAM	38175	38RB#0	22.85	22.55	33.00	PASS
Band38	15MHz	16QAM	38175	38RB#18	22.81	22.51	33.00	PASS
Band38	15MHz	16QAM	38175	38RB#37	22.85	22.55	33.00	PASS
Band38	15MHz	16QAM	38175	75RB#0	22.76	22.46	33.00	PASS
Band38	15MHz	64QAM	37825	1RB#0	23.08	22.78	33.00	PASS
Band38	15MHz	64QAM	37825	1RB#38	22.87	22.57	33.00	PASS
Band38	15MHz	64QAM	37825	1RB#74	23.42	23.12	33.00	PASS
Band38	15MHz	64QAM	37825	38RB#0	21.93	21.63	33.00	PASS
Band38	15MHz	64QAM	37825	38RB#18	22.04	21.74	33.00	PASS
Band38	15MHz	64QAM	37825	38RB#37	21.89	21.59	33.00	PASS
Band38	15MHz	64QAM	37825	75RB#0	21.93	21.63	33.00	PASS
Band38	15MHz	64QAM	38000	1RB#0	22.68	22.38	33.00	PASS
Band38	15MHz	64QAM	38000	1RB#38	22.82	22.52	33.00	PASS
Band38	15MHz	64QAM	38000	1RB#74	22.78	22.48	33.00	PASS
Band38	15MHz	64QAM	38000	38RB#0	21.88	21.58	33.00	PASS
Band38	15MHz	64QAM	38000	38RB#18	21.62	21.32	33.00	PASS
Band38	15MHz	64QAM	38000	38RB#37	21.53	21.23	33.00	PASS
Band38	15MHz	64QAM	38000	75RB#0	21.61	21.31	33.00	PASS
Band38	15MHz	64QAM	38175	1RB#0	22.85	22.55	33.00	PASS



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Band38	15MHz	64QAM	38175	1RB#38	22.49	22.19	33.00	PASS
Band38	15MHz	64QAM	38175	1RB#74	22.64	22.34	33.00	PASS
Band38	15MHz	64QAM	38175	38RB#0	21.74	21.44	33.00	PASS
Band38	15MHz	64QAM	38175	38RB#18	21.72	21.42	33.00	PASS
Band38	15MHz	64QAM	38175	38RB#37	21.82	21.52	33.00	PASS
Band38	15MHz	64QAM	38175	75RB#0	21.67	21.37	33.00	PASS
Band38	20MHz	QPSK	37850	1RB#0	24.77	24.47	33.00	PASS
Band38	20MHz	QPSK	37850	1RB#49	24.80	24.50	33.00	PASS
Band38	20MHz	QPSK	37850	1RB#99	24.79	24.49	33.00	PASS
Band38	20MHz	QPSK	37850	50RB#0	23.91	23.61	33.00	PASS
Band38	20MHz	QPSK	37850	50RB#25	23.90	23.60	33.00	PASS
Band38	20MHz	QPSK	37850	50RB#50	23.82	23.52	33.00	PASS
Band38	20MHz	QPSK	37850	100RB#0	23.94	23.64	33.00	PASS
Band38	20MHz	QPSK	38000	1RB#0	24.62	24.32	33.00	PASS
Band38	20MHz	QPSK	38000	1RB#49	24.81	24.51	33.00	PASS
Band38	20MHz	QPSK	38000	1RB#99	24.43	24.13	33.00	PASS
Band38	20MHz	QPSK	38000	50RB#0	23.95	23.65	33.00	PASS
Band38	20MHz	QPSK	38000	50RB#25	23.67	23.37	33.00	PASS
Band38	20MHz	QPSK	38000	50RB#50	23.77	23.47	33.00	PASS
Band38	20MHz	QPSK	38000	100RB#0	23.75	23.45	33.00	PASS
Band38	20MHz	QPSK	38150	1RB#0	24.69	24.39	33.00	PASS
Band38	20MHz	QPSK	38150	1RB#49	24.78	24.48	33.00	PASS
Band38	20MHz	QPSK	38150	1RB#99	24.53	24.23	33.00	PASS
Band38	20MHz	QPSK	38150	50RB#0	23.78	23.48	33.00	PASS
Band38	20MHz	QPSK	38150	50RB#25	23.75	23.45	33.00	PASS
Band38	20MHz	QPSK	38150	50RB#50	23.05	22.75	33.00	PASS
Band38	20MHz	QPSK	38150	100RB#0	23.09	22.79	33.00	PASS
Band38	20MHz	16QAM	37850	1RB#0	24.16	23.86	33.00	PASS
Band38	20MHz	16QAM	37850	1RB#49	23.91	23.61	33.00	PASS
Band38	20MHz	16QAM	37850	1RB#99	24.32	24.02	33.00	PASS
Band38	20MHz	16QAM	37850	50RB#0	22.99	22.69	33.00	PASS
Band38	20MHz	16QAM	37850	50RB#25	23.11	22.81	33.00	PASS
Band38	20MHz	16QAM	37850	50RB#50	22.85	22.55	33.00	PASS
Band38	20MHz	16QAM	37850	100RB#0	22.97	22.67	33.00	PASS
Band38	20MHz	16QAM	38000	1RB#0	23.80	23.50	33.00	PASS
Band38	20MHz	16QAM	38000	1RB#49	23.77	23.47	33.00	PASS
Band38	20MHz	16QAM	38000	1RB#99	23.82	23.52	33.00	PASS
Band38	20MHz	16QAM	38000	50RB#0	22.86	22.56	33.00	PASS



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Band38	20MHz	16QAM	38000	50RB#25	22.90	22.60	33.00	PASS
Band38	20MHz	16QAM	38000	50RB#50	22.71	22.41	33.00	PASS
Band38	20MHz	16QAM	38000	100RB#0	22.77	22.47	33.00	PASS
Band38	20MHz	16QAM	38150	1RB#0	23.77	23.47	33.00	PASS
Band38	20MHz	16QAM	38150	1RB#49	23.66	23.36	33.00	PASS
Band38	20MHz	16QAM	38150	1RB#99	23.61	23.31	33.00	PASS
Band38	20MHz	16QAM	38150	50RB#0	22.84	22.54	33.00	PASS
Band38	20MHz	16QAM	38150	50RB#25	22.73	22.43	33.00	PASS
Band38	20MHz	16QAM	38150	50RB#50	22.78	22.48	33.00	PASS
Band38	20MHz	16QAM	38150	100RB#0	22.85	22.55	33.00	PASS
Band38	20MHz	64QAM	37850	1RB#0	23.12	22.82	33.00	PASS
Band38	20MHz	64QAM	37850	1RB#49	22.88	22.58	33.00	PASS
Band38	20MHz	64QAM	37850	1RB#99	23.43	23.13	33.00	PASS
Band38	20MHz	64QAM	37850	50RB#0	21.93	21.63	33.00	PASS
Band38	20MHz	64QAM	37850	50RB#25	22.07	21.77	33.00	PASS
Band38	20MHz	64QAM	37850	50RB#50	21.88	21.58	33.00	PASS
Band38	20MHz	64QAM	37850	100RB#0	21.93	21.63	33.00	PASS
Band38	20MHz	64QAM	38000	1RB#0	22.66	22.36	33.00	PASS
Band38	20MHz	64QAM	38000	1RB#49	22.77	22.47	33.00	PASS
Band38	20MHz	64QAM	38000	1RB#99	22.82	22.52	33.00	PASS
Band38	20MHz	64QAM	38000	50RB#0	21.85	21.55	33.00	PASS
Band38	20MHz	64QAM	38000	50RB#25	21.64	21.34	33.00	PASS
Band38	20MHz	64QAM	38000	50RB#50	21.52	21.22	33.00	PASS
Band38	20MHz	64QAM	38000	100RB#0	21.61	21.31	33.00	PASS
Band38	20MHz	64QAM	38150	1RB#0	22.85	22.55	33.00	PASS
Band38	20MHz	64QAM	38150	1RB#49	22.47	22.17	33.00	PASS
Band38	20MHz	64QAM	38150	1RB#99	22.67	22.37	33.00	PASS
Band38	20MHz	64QAM	38150	50RB#0	21.73	21.43	33.00	PASS
Band38	20MHz	64QAM	38150	50RB#25	21.71	21.41	33.00	PASS
Band38	20MHz	64QAM	38150	50RB#50	21.84	21.54	33.00	PASS
Band38	20MHz	64QAM	38150	100RB#0	21.67	21.37	33.00	PASS





DIV:

Band	Bandwidth	Modulation	Channel	RB Config.	Result (dBm)	EIRP (dBm)	Limit (dBm)	Verdict
Band38	5MHz	QPSK	37775	1RB#0	22.08	22.08	33.00	PASS
Band38	5MHz	QPSK	37775	1RB#12	22.35	22.35	33.00	PASS
Band38	5MHz	QPSK	37775	1RB#24	22.24	22.24	33.00	PASS
Band38	5MHz	QPSK	37775	12RB#0	22.06	22.06	33.00	PASS
Band38	5MHz	QPSK	37775	12RB#6	22.05	22.05	33.00	PASS
Band38	5MHz	QPSK	37775	12RB#13	21.90	21.90	33.00	PASS
Band38	5MHz	QPSK	37775	25RB#0	22.09	22.09	33.00	PASS
Band38	5MHz	QPSK	38000	1RB#0	21.92	21.92	33.00	PASS
Band38	5MHz	QPSK	38000	1RB#12	22.20	22.20	33.00	PASS
Band38	5MHz	QPSK	38000	1RB#24	21.70	21.70	33.00	PASS
Band38	5MHz	QPSK	38000	12RB#0	21.69	21.69	33.00	PASS
Band38	5MHz	QPSK	38000	12RB#6	21.65	21.65	33.00	PASS
Band38	5MHz	QPSK	38000	12RB#13	21.82	21.82	33.00	PASS
Band38	5MHz	QPSK	38000	25RB#0	21.89	21.89	33.00	PASS
Band38	5MHz	QPSK	38225	1RB#0	21.85	21.85	33.00	PASS
Band38	5MHz	QPSK	38225	1RB#12	22.04	22.04	33.00	PASS
Band38	5MHz	QPSK	38225	1RB#24	21.81	21.81	33.00	PASS
Band38	5MHz	QPSK	38225	12RB#0	21.58	21.58	33.00	PASS
Band38	5MHz	QPSK	38225	12RB#6	21.66	21.66	33.00	PASS
Band38	5MHz	QPSK	38225	12RB#13	21.70	21.70	33.00	PASS
Band38	5MHz	QPSK	38225	25RB#0	21.64	21.64	33.00	PASS
Band38	5MHz	16QAM	37775	1RB#0	22.02	22.02	33.00	PASS
Band38	5MHz	16QAM	37775	1RB#12	21.84	21.84	33.00	PASS
Band38	5MHz	16QAM	37775	1RB#24	21.90	21.90	33.00	PASS
Band38	5MHz	16QAM	37775	12RB#0	20.91	20.91	33.00	PASS
Band38	5MHz	16QAM	37775	12RB#6	20.45	20.45	33.00	PASS
Band38	5MHz	16QAM	37775	12RB#13	20.94	20.94	33.00	PASS
Band38	5MHz	16QAM	37775	25RB#0	20.98	20.98	33.00	PASS
Band38	5MHz	16QAM	38000	1RB#0	21.68	21.68	33.00	PASS
Band38	5MHz	16QAM	38000	1RB#12	21.83	21.83	33.00	PASS
Band38	5MHz	16QAM	38000	1RB#24	21.46	21.46	33.00	PASS
Band38	5MHz	16QAM	38000	12RB#0	20.75	20.75	33.00	PASS
Band38	5MHz	16QAM	38000	12RB#6	20.86	20.86	33.00	PASS
Band38	5MHz	16QAM	38000	12RB#13	20.53	20.53	33.00	PASS
Band38	5MHz	16QAM	38000	25RB#0	20.75	20.75	33.00	PASS



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Band38	5MHz	16QAM	38225	1RB#0	21.60	21.60	33.00	PASS
Band38	5MHz	16QAM	38225	1RB#12	21.53	21.53	33.00	PASS
Band38	5MHz	16QAM	38225	1RB#24	21.38	21.38	33.00	PASS
Band38	5MHz	16QAM	38225	12RB#0	20.56	20.56	33.00	PASS
Band38	5MHz	16QAM	38225	12RB#6	20.55	20.55	33.00	PASS
Band38	5MHz	16QAM	38225	12RB#13	20.69	20.69	33.00	PASS
Band38	5MHz	16QAM	38225	25RB#0	20.70	20.70	33.00	PASS
Band38	5MHz	64QAM	37775	1RB#0	20.93	20.93	33.00	PASS
Band38	5MHz	64QAM	37775	1RB#12	20.78	20.78	33.00	PASS
Band38	5MHz	64QAM	37775	1RB#24	20.83	20.83	33.00	PASS
Band38	5MHz	64QAM	37775	12RB#0	19.84	19.84	33.00	PASS
Band38	5MHz	64QAM	37775	12RB#6	19.38	19.38	33.00	PASS
Band38	5MHz	64QAM	37775	12RB#13	19.87	19.87	33.00	PASS
Band38	5MHz	64QAM	37775	25RB#0	19.89	19.89	33.00	PASS
Band38	5MHz	64QAM	38000	1RB#0	20.60	20.60	33.00	PASS
Band38	5MHz	64QAM	38000	1RB#12	20.76	20.76	33.00	PASS
Band38	5MHz	64QAM	38000	1RB#24	20.41	20.41	33.00	PASS
Band38	5MHz	64QAM	38000	12RB#0	19.68	19.68	33.00	PASS
Band38	5MHz	64QAM	38000	12RB#6	19.79	19.79	33.00	PASS
Band38	5MHz	64QAM	38000	12RB#13	19.44	19.44	33.00	PASS
Band38	5MHz	64QAM	38000	25RB#0	19.69	19.69	33.00	PASS
Band38	5MHz	64QAM	38225	1RB#0	20.54	20.54	33.00	PASS
Band38	5MHz	64QAM	38225	1RB#12	20.48	20.48	33.00	PASS
Band38	5MHz	64QAM	38225	1RB#24	20.33	20.33	33.00	PASS
Band38	5MHz	64QAM	38225	12RB#0	19.46	19.46	33.00	PASS
Band38	5MHz	64QAM	38225	12RB#6	19.48	19.48	33.00	PASS
Band38	5MHz	64QAM	38225	12RB#13	19.60	19.60	33.00	PASS
Band38	5MHz	64QAM	38225	25RB#0	19.63	19.63	33.00	PASS
Band38	10MHz	QPSK	37800	1RB#0	22.13	22.13	33.00	PASS
Band38	10MHz	QPSK	37800	1RB#24	22.44	22.44	33.00	PASS
Band38	10MHz	QPSK	37800	1RB#49	22.30	22.30	33.00	PASS
Band38	10MHz	QPSK	37800	25RB#0	22.11	22.11	33.00	PASS
Band38	10MHz	QPSK	37800	25RB#12	22.07	22.07	33.00	PASS
Band38	10MHz	QPSK	37800	25RB#25	21.99	21.99	33.00	PASS
Band38	10MHz	QPSK	37800	50RB#0	22.17	22.17	33.00	PASS
Band38	10MHz	QPSK	38000	1RB#0	21.92	21.92	33.00	PASS
Band38	10MHz	QPSK	38000	1RB#24	22.21	22.21	33.00	PASS
Band38	10MHz	QPSK	38000	1RB#49	21.78	21.78	33.00	PASS



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Band38	10MHz	QPSK	38000	25RB#0	21.71	21.71	33.00	PASS
Band38	10MHz	QPSK	38000	25RB#12	21.72	21.72	33.00	PASS
Band38	10MHz	QPSK	38000	25RB#25	21.89	21.89	33.00	PASS
Band38	10MHz	QPSK	38000	50RB#0	21.90	21.90	33.00	PASS
Band38	10MHz	QPSK	38200	1RB#0	21.92	21.92	33.00	PASS
Band38	10MHz	QPSK	38200	1RB#24	22.13	22.13	33.00	PASS
Band38	10MHz	QPSK	38200	1RB#49	21.81	21.81	33.00	PASS
Band38	10MHz	QPSK	38200	25RB#0	21.64	21.64	33.00	PASS
Band38	10MHz	QPSK	38200	25RB#12	21.76	21.76	33.00	PASS
Band38	10MHz	QPSK	38200	25RB#25	21.79	21.79	33.00	PASS
Band38	10MHz	QPSK	38200	50RB#0	21.66	21.66	33.00	PASS
Band38	10MHz	16QAM	37800	1RB#0	22.11	22.11	33.00	PASS
Band38	10MHz	16QAM	37800	1RB#24	21.84	21.84	33.00	PASS
Band38	10MHz	16QAM	37800	1RB#49	21.94	21.94	33.00	PASS
Band38	10MHz	16QAM	37800	25RB#0	20.98	20.98	33.00	PASS
Band38	10MHz	16QAM	37800	25RB#12	20.45	20.45	33.00	PASS
Band38	10MHz	16QAM	37800	25RB#25	21.00	21.00	33.00	PASS
Band38	10MHz	16QAM	37800	50RB#0	21.00	21.00	33.00	PASS
Band38	10MHz	16QAM	38000	1RB#0	21.76	21.76	33.00	PASS
Band38	10MHz	16QAM	38000	1RB#24	21.90	21.90	33.00	PASS
Band38	10MHz	16QAM	38000	1RB#49	21.50	21.50	33.00	PASS
Band38	10MHz	16QAM	38000	25RB#0	20.81	20.81	33.00	PASS
Band38	10MHz	16QAM	38000	25RB#12	20.93	20.93	33.00	PASS
Band38	10MHz	16QAM	38000	25RB#25	20.60	20.60	33.00	PASS
Band38	10MHz	16QAM	38000	50RB#0	20.82	20.82	33.00	PASS
Band38	10MHz	16QAM	38200	1RB#0	21.70	21.70	33.00	PASS
Band38	10MHz	16QAM	38200	1RB#24	21.63	21.63	33.00	PASS
Band38	10MHz	16QAM	38200	1RB#49	21.45	21.45	33.00	PASS
Band38	10MHz	16QAM	38200	25RB#0	20.60	20.60	33.00	PASS
Band38	10MHz	16QAM	38200	25RB#12	20.59	20.59	33.00	PASS
Band38	10MHz	16QAM	38200	25RB#25	20.73	20.73	33.00	PASS
Band38	10MHz	16QAM	38200	50RB#0	20.80	20.80	33.00	PASS
Band38	10MHz	64QAM	37800	1RB#0	20.93	20.93	33.00	PASS
Band38	10MHz	64QAM	37800	1RB#24	20.77	20.77	33.00	PASS
Band38	10MHz	64QAM	37800	1RB#49	20.80	20.80	33.00	PASS
Band38	10MHz	64QAM	37800	25RB#0	19.83	19.83	33.00	PASS
Band38	10MHz	64QAM	37800	25RB#12	19.37	19.37	33.00	PASS
Band38	10MHz	64QAM	37800	25RB#25	19.85	19.85	33.00	PASS



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Band38	10MHz	64QAM	37800	50RB#0	19.92	19.92	33.00	PASS
Band38	10MHz	64QAM	38000	1RB#0	20.58	20.58	33.00	PASS
Band38	10MHz	64QAM	38000	1RB#24	20.77	20.77	33.00	PASS
Band38	10MHz	64QAM	38000	1RB#49	20.37	20.37	33.00	PASS
Band38	10MHz	64QAM	38000	25RB#0	19.70	19.70	33.00	PASS
Band38	10MHz	64QAM	38000	25RB#12	19.79	19.79	33.00	PASS
Band38	10MHz	64QAM	38000	25RB#25	19.48	19.48	33.00	PASS
Band38	10MHz	64QAM	38000	50RB#0	19.67	19.67	33.00	PASS
Band38	10MHz	64QAM	38200	1RB#0	20.54	20.54	33.00	PASS
Band38	10MHz	64QAM	38200	1RB#24	20.44	20.44	33.00	PASS
Band38	10MHz	64QAM	38200	1RB#49	20.33	20.33	33.00	PASS
Band38	10MHz	64QAM	38200	25RB#0	19.48	19.48	33.00	PASS
Band38	10MHz	64QAM	38200	25RB#12	19.50	19.50	33.00	PASS
Band38	10MHz	64QAM	38200	25RB#25	19.64	19.64	33.00	PASS
Band38	10MHz	64QAM	38200	50RB#0	19.65	19.65	33.00	PASS
Band38	15MHz	QPSK	37825	1RB#0	22.09	22.09	33.00	PASS
Band38	15MHz	QPSK	37825	1RB#38	22.36	22.36	33.00	PASS
Band38	15MHz	QPSK	37825	1RB#74	22.34	22.34	33.00	PASS
Band38	15MHz	QPSK	37825	38RB#0	22.14	22.14	33.00	PASS
Band38	15MHz	QPSK	37825	38RB#18	22.09	22.09	33.00	PASS
Band38	15MHz	QPSK	37825	38RB#37	21.97	21.97	33.00	PASS
Band38	15MHz	QPSK	37825	75RB#0	22.09	22.09	33.00	PASS
Band38	15MHz	QPSK	38000	1RB#0	22.00	22.00	33.00	PASS
Band38	15MHz	QPSK	38000	1RB#38	22.21	22.21	33.00	PASS
Band38	15MHz	QPSK	38000	1RB#74	21.77	21.77	33.00	PASS
Band38	15MHz	QPSK	38000	38RB#0	21.78	21.78	33.00	PASS
Band38	15MHz	QPSK	38000	38RB#18	21.73	21.73	33.00	PASS
Band38	15MHz	QPSK	38000	38RB#37	21.88	21.88	33.00	PASS
Band38	15MHz	QPSK	38000	75RB#0	21.95	21.95	33.00	PASS
Band38	15MHz	QPSK	38175	1RB#0	21.87	21.87	33.00	PASS
Band38	15MHz	QPSK	38175	1RB#38	22.14	22.14	33.00	PASS
Band38	15MHz	QPSK	38175	1RB#74	21.90	21.90	33.00	PASS
Band38	15MHz	QPSK	38175	38RB#0	21.63	21.63	33.00	PASS
Band38	15MHz	QPSK	38175	38RB#18	21.74	21.74	33.00	PASS
Band38	15MHz	QPSK	38175	38RB#37	21.71	21.71	33.00	PASS
Band38	15MHz	QPSK	38175	75RB#0	21.64	21.64	33.00	PASS
Band38	15MHz	16QAM	37825	1RB#0	22.03	22.03	33.00	PASS
Band38	15MHz	16QAM	37825	1RB#38	21.91	21.91	33.00	PASS



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Band38	15MHz	16QAM	37825	1RB#74	21.95	21.95	33.00	PASS
Band38	15MHz	16QAM	37825	38RB#0	20.92	20.92	33.00	PASS
Band38	15MHz	16QAM	37825	38RB#18	20.51	20.51	33.00	PASS
Band38	15MHz	16QAM	37825	38RB#37	20.56	20.56	33.00	PASS
Band38	15MHz	16QAM	37825	75RB#0	20.55	20.55	33.00	PASS
Band38	15MHz	16QAM	38000	1RB#0	21.69	21.69	33.00	PASS
Band38	15MHz	16QAM	38000	1RB#38	21.90	21.90	33.00	PASS
Band38	15MHz	16QAM	38000	1RB#74	21.52	21.52	33.00	PASS
Band38	15MHz	16QAM	38000	38RB#0	20.80	20.80	33.00	PASS
Band38	15MHz	16QAM	38000	38RB#18	20.91	20.91	33.00	PASS
Band38	15MHz	16QAM	38000	38RB#37	20.56	20.56	33.00	PASS
Band38	15MHz	16QAM	38000	75RB#0	20.84	20.84	33.00	PASS
Band38	15MHz	16QAM	38175	1RB#0	21.64	21.64	33.00	PASS
Band38	15MHz	16QAM	38175	1RB#38	21.54	21.54	33.00	PASS
Band38	15MHz	16QAM	38175	1RB#74	21.38	21.38	33.00	PASS
Band38	15MHz	16QAM	38175	38RB#0	20.57	20.57	33.00	PASS
Band38	15MHz	16QAM	38175	38RB#18	20.57	20.57	33.00	PASS
Band38	15MHz	16QAM	38175	38RB#37	20.75	20.75	33.00	PASS
Band38	15MHz	16QAM	38175	75RB#0	20.75	20.75	33.00	PASS
Band38	15MHz	64QAM	37825	1RB#0	20.95	20.95	33.00	PASS
Band38	15MHz	64QAM	37825	1RB#38	20.79	20.79	33.00	PASS
Band38	15MHz	64QAM	37825	1RB#74	20.85	20.85	33.00	PASS
Band38	15MHz	64QAM	37825	38RB#0	19.81	19.81	33.00	PASS
Band38	15MHz	64QAM	37825	38RB#18	19.36	19.36	33.00	PASS
Band38	15MHz	64QAM	37825	38RB#37	19.87	19.87	33.00	PASS
Band38	15MHz	64QAM	37825	75RB#0	19.89	19.89	33.00	PASS
Band38	15MHz	64QAM	38000	1RB#0	20.60	20.60	33.00	PASS
Band38	15MHz	64QAM	38000	1RB#38	20.74	20.74	33.00	PASS
Band38	15MHz	64QAM	38000	1RB#74	20.38	20.38	33.00	PASS
Band38	15MHz	64QAM	38000	38RB#0	19.67	19.67	33.00	PASS
Band38	15MHz	64QAM	38000	38RB#18	19.80	19.80	33.00	PASS
Band38	15MHz	64QAM	38000	38RB#37	19.47	19.47	33.00	PASS
Band38	15MHz	64QAM	38000	75RB#0	19.69	19.69	33.00	PASS
Band38	15MHz	64QAM	38175	1RB#0	20.53	20.53	33.00	PASS
Band38	15MHz	64QAM	38175	1RB#38	20.47	20.47	33.00	PASS
Band38	15MHz	64QAM	38175	1RB#74	20.32	20.32	33.00	PASS
Band38	15MHz	64QAM	38175	38RB#0	19.46	19.46	33.00	PASS
Band38	15MHz	64QAM	38175	38RB#18	19.50	19.50	33.00	PASS



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Band38	15MHz	64QAM	38175	38RB#37	19.59	19.59	33.00	PASS
Band38	15MHz	64QAM	38175	75RB#0	19.64	19.64	33.00	PASS
Band38	20MHz	QPSK	37850	1RB#0	22.08	22.08	33.00	PASS
Band38	20MHz	QPSK	37850	1RB#49	22.23	22.23	33.00	PASS
Band38	20MHz	QPSK	37850	1RB#99	22.17	22.17	33.00	PASS
Band38	20MHz	QPSK	37850	50RB#0	22.02	22.02	33.00	PASS
Band38	20MHz	QPSK	37850	50RB#25	21.92	21.92	33.00	PASS
Band38	20MHz	QPSK	37850	50RB#50	21.97	21.97	33.00	PASS
Band38	20MHz	QPSK	37850	100RB#0	22.12	22.12	33.00	PASS
Band38	20MHz	QPSK	38000	1RB#0	22.01	22.01	33.00	PASS
Band38	20MHz	QPSK	38000	1RB#49	22.24	22.24	33.00	PASS
Band38	20MHz	QPSK	38000	1RB#99	21.72	21.72	33.00	PASS
Band38	20MHz	QPSK	38000	50RB#0	22.13	22.13	33.00	PASS
Band38	20MHz	QPSK	38000	50RB#25	21.72	21.72	33.00	PASS
Band38	20MHz	QPSK	38000	50RB#50	21.83	21.83	33.00	PASS
Band38	20MHz	QPSK	38000	100RB#0	21.90	21.90	33.00	PASS
Band38	20MHz	QPSK	38150	1RB#0	21.85	21.85	33.00	PASS
Band38	20MHz	QPSK	38150	1RB#49	22.09	22.09	33.00	PASS
Band38	20MHz	QPSK	38150	1RB#99	21.84	21.84	33.00	PASS
Band38	20MHz	QPSK	38150	50RB#0	21.82	21.82	33.00	PASS
Band38	20MHz	QPSK	38150	50RB#25	21.76	21.76	33.00	PASS
Band38	20MHz	QPSK	38150	50RB#50	21.77	21.77	33.00	PASS
Band38	20MHz	QPSK	38150	100RB#0	21.68	21.68	33.00	PASS
Band38	20MHz	16QAM	37850	1RB#0	22.02	22.02	33.00	PASS
Band38	20MHz	16QAM	37850	1RB#49	21.92	21.92	33.00	PASS
Band38	20MHz	16QAM	37850	1RB#99	21.95	21.95	33.00	PASS
Band38	20MHz	16QAM	37850	50RB#0	20.97	20.97	33.00	PASS
Band38	20MHz	16QAM	37850	50RB#25	20.49	20.49	33.00	PASS
Band38	20MHz	16QAM	37850	50RB#50	20.95	20.95	33.00	PASS
Band38	20MHz	16QAM	37850	100RB#0	20.85	20.85	33.00	PASS
Band38	20MHz	16QAM	38000	1RB#0	21.77	21.77	33.00	PASS
Band38	20MHz	16QAM	38000	1RB#49	21.91	21.91	33.00	PASS
Band38	20MHz	16QAM	38000	1RB#99	21.56	21.56	33.00	PASS
Band38	20MHz	16QAM	38000	50RB#0	20.82	20.82	33.00	PASS
Band38	20MHz	16QAM	38000	50RB#25	20.93	20.93	33.00	PASS
Band38	20MHz	16QAM	38000	50RB#50	20.59	20.59	33.00	PASS
Band38	20MHz	16QAM	38000	100RB#0	20.78	20.78	33.00	PASS
Band38	20MHz	16QAM	38150	1RB#0	21.68	21.68	33.00	PASS



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Band38	20MHz	16QAM	38150	1RB#49	21.59	21.59	33.00	PASS
Band38	20MHz	16QAM	38150	1RB#99	21.48	21.48	33.00	PASS
Band38	20MHz	16QAM	38150	50RB#0	20.59	20.59	33.00	PASS
Band38	20MHz	16QAM	38150	50RB#25	20.55	20.55	33.00	PASS
Band38	20MHz	16QAM	38150	50RB#50	20.78	20.78	33.00	PASS
Band38	20MHz	16QAM	38150	100RB#0	20.75	20.75	33.00	PASS
Band38	20MHz	64QAM	37850	1RB#0	20.92	20.92	33.00	PASS
Band38	20MHz	64QAM	37850	1RB#49	20.77	20.77	33.00	PASS
Band38	20MHz	64QAM	37850	1RB#99	20.85	20.85	33.00	PASS
Band38	20MHz	64QAM	37850	50RB#0	19.86	19.86	33.00	PASS
Band38	20MHz	64QAM	37850	50RB#25	19.38	19.38	33.00	PASS
Band38	20MHz	64QAM	37850	50RB#50	19.88	19.88	33.00	PASS
Band38	20MHz	64QAM	37850	100RB#0	19.91	19.91	33.00	PASS
Band38	20MHz	64QAM	38000	1RB#0	20.61	20.61	33.00	PASS
Band38	20MHz	64QAM	38000	1RB#49	20.78	20.78	33.00	PASS
Band38	20MHz	64QAM	38000	1RB#99	20.41	20.41	33.00	PASS
Band38	20MHz	64QAM	38000	50RB#0	19.68	19.68	33.00	PASS
Band38	20MHz	64QAM	38000	50RB#25	19.79	19.79	33.00	PASS
Band38	20MHz	64QAM	38000	50RB#50	19.47	19.47	33.00	PASS
Band38	20MHz	64QAM	38000	100RB#0	19.68	19.68	33.00	PASS
Band38	20MHz	64QAM	38150	1RB#0	20.50	20.50	33.00	PASS
Band38	20MHz	64QAM	38150	1RB#49	20.48	20.48	33.00	PASS
Band38	20MHz	64QAM	38150	1RB#99	20.31	20.31	33.00	PASS
Band38	20MHz	64QAM	38150	50RB#0	19.46	19.46	33.00	PASS
Band38	20MHz	64QAM	38150	50RB#25	19.49	19.49	33.00	PASS
Band38	20MHz	64QAM	38150	50RB#50	19.61	19.61	33.00	PASS
Band38	20MHz	64QAM	38150	100RB#0	19.64	19.64	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 [dBi]

EIRP [dBm] = Conducted Power [dBm] + Gain [dBi]



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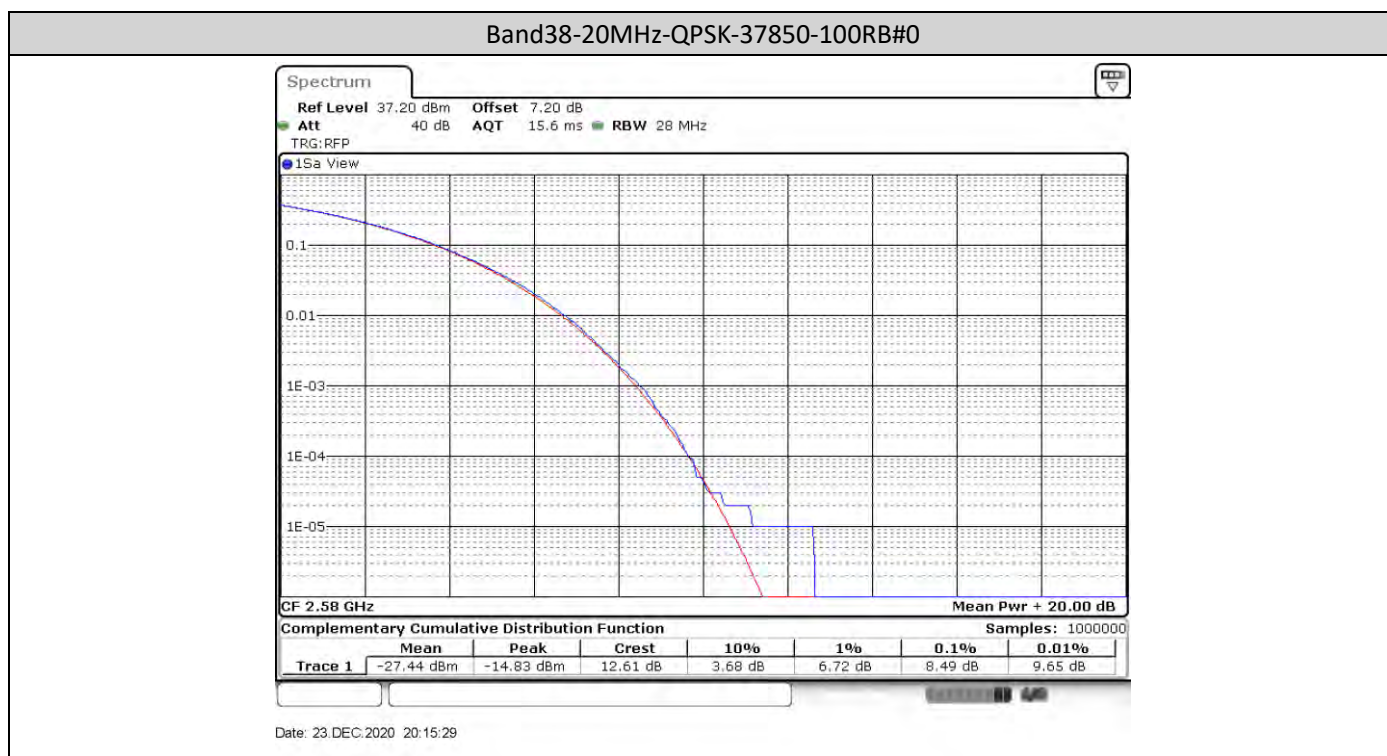


2. Peak-to-Average Ratio (CCDF)

2.1. Test Result

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

2.2. Test Plots

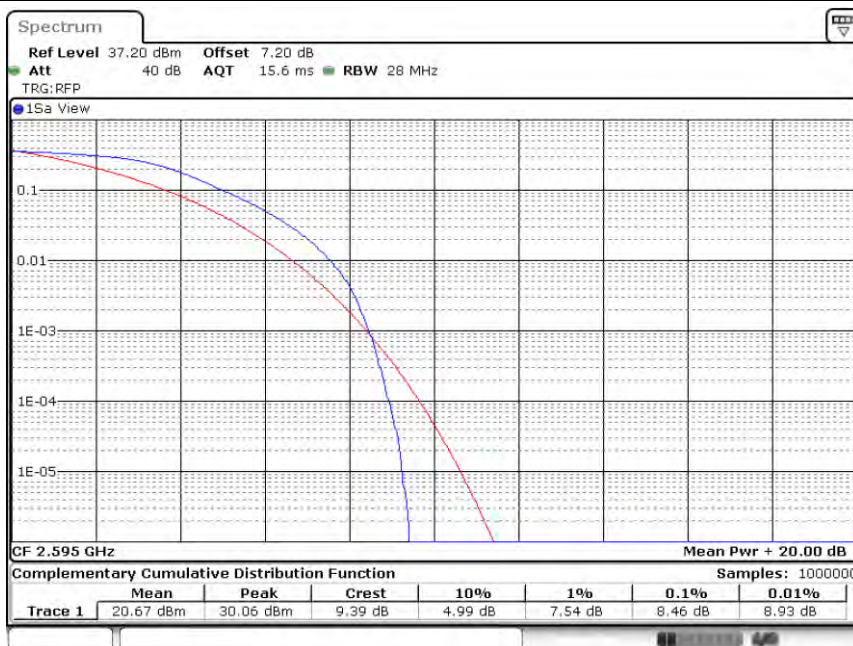


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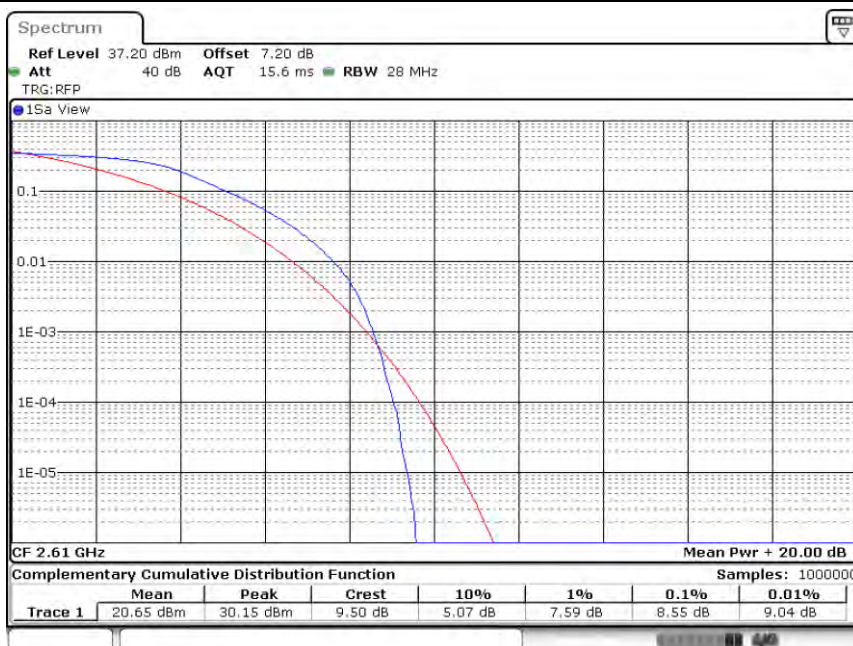


Band38-20MHz-QPSK-38000-100RB#0



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

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



Date: 23.DEC.2020 20:16:14

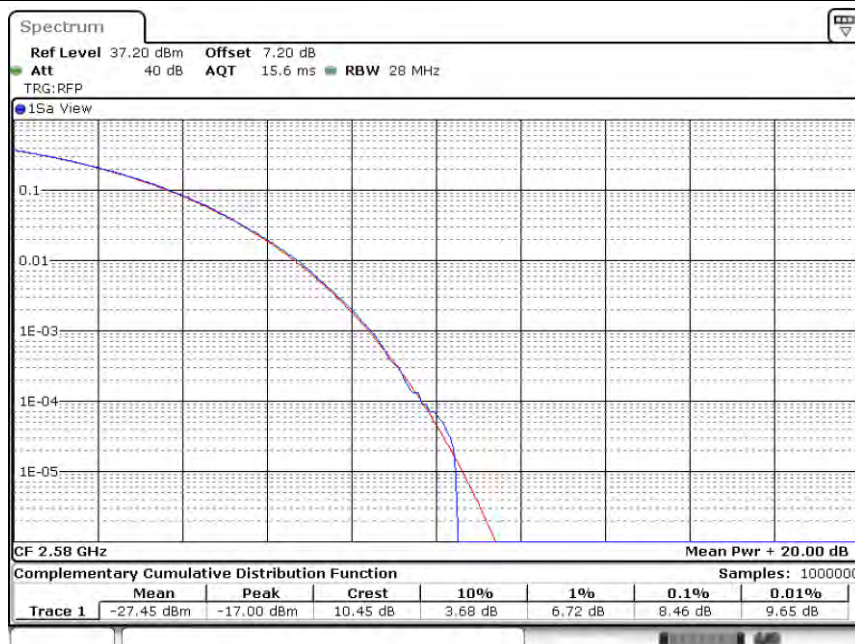


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Band38-20MHz-64QAM-37850-100RB#0



Date: 23.DEC.2020 20:33:18

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



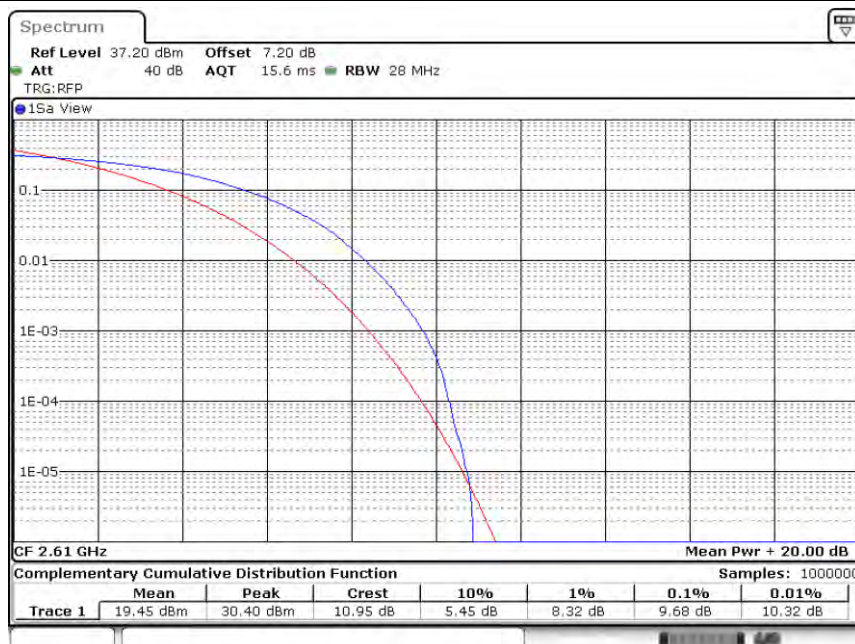
Date: 23.DEC.2020 20:33:29



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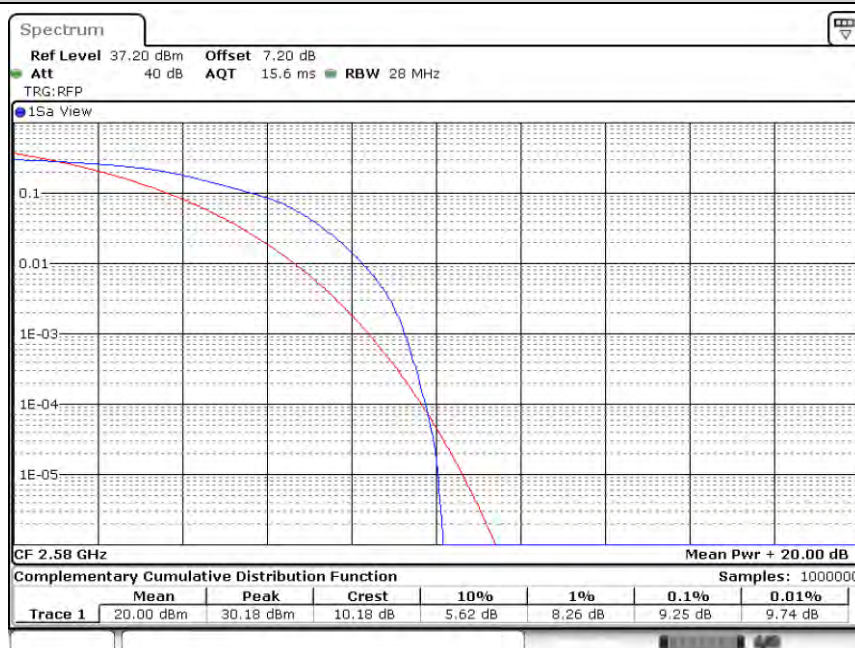
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Band38-20MHz-64QAM-38150-100RB#0



Date: 23.DEC.2020 20:33:40

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



Date: 23.DEC.2020 20:15:40

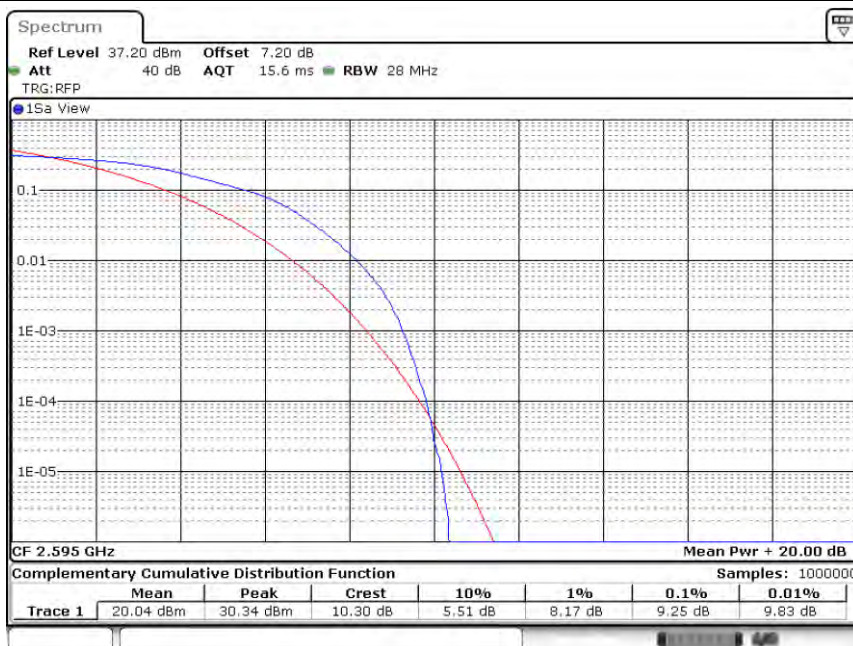


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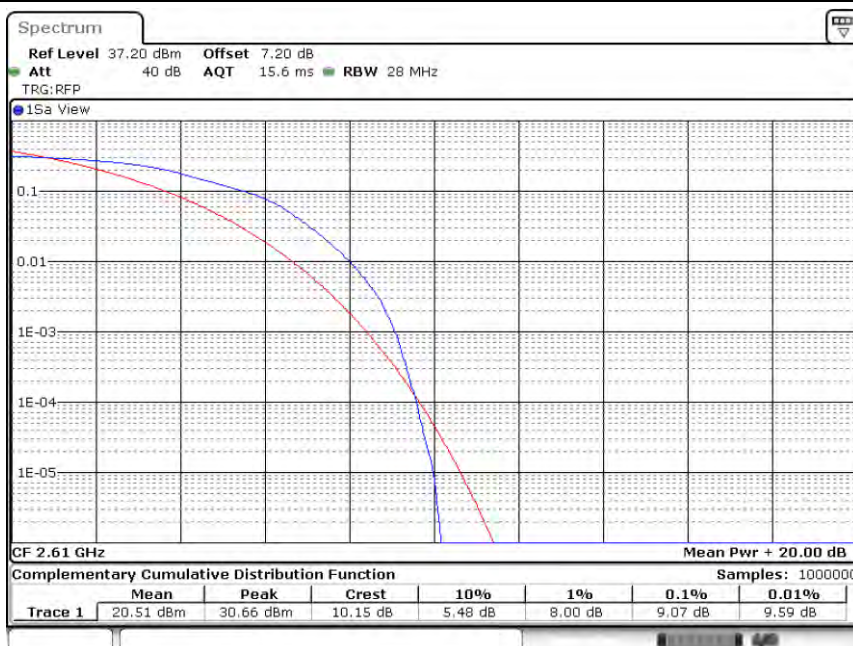


Band38-20MHz-16QAM-38000-100RB#0



Date: 23.DEC.2020 20:16:03

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



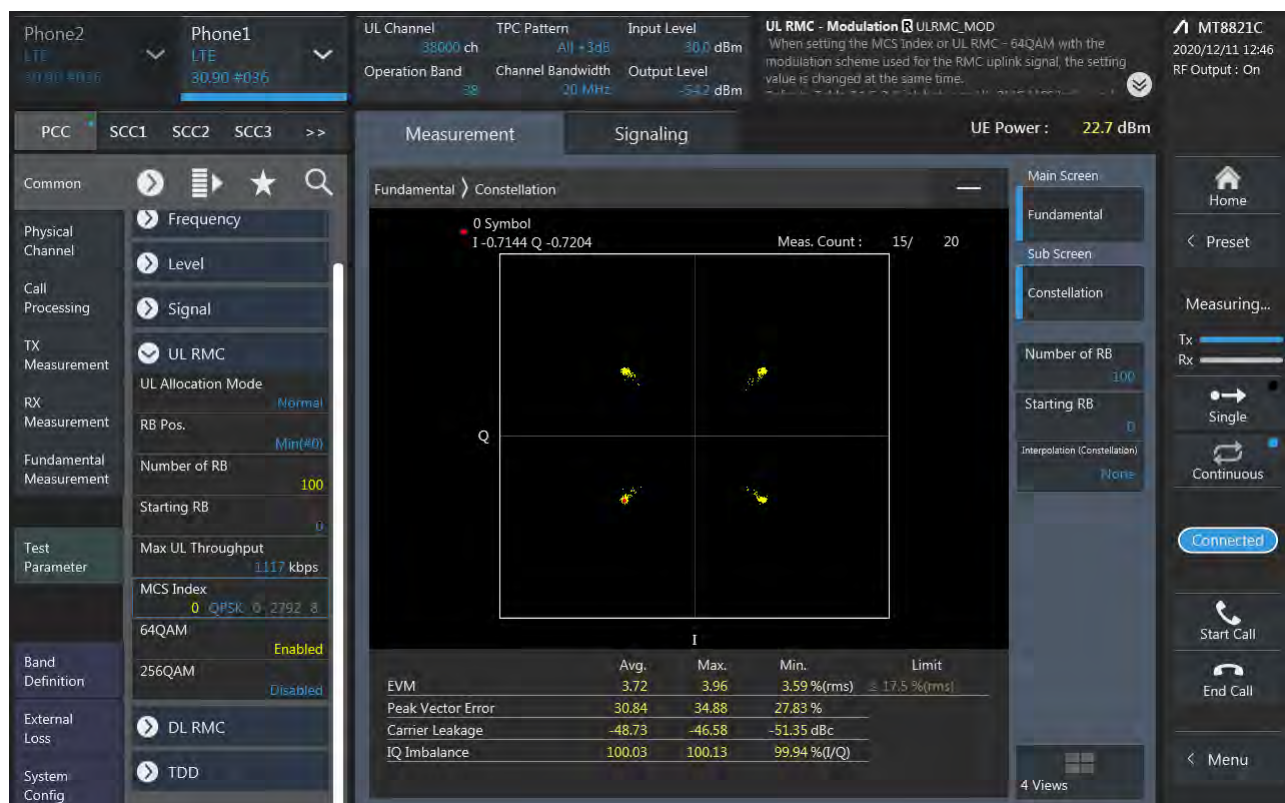
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3. Modulation Characteristics

3.1. Test Mode = LTE /TM1 20MHz

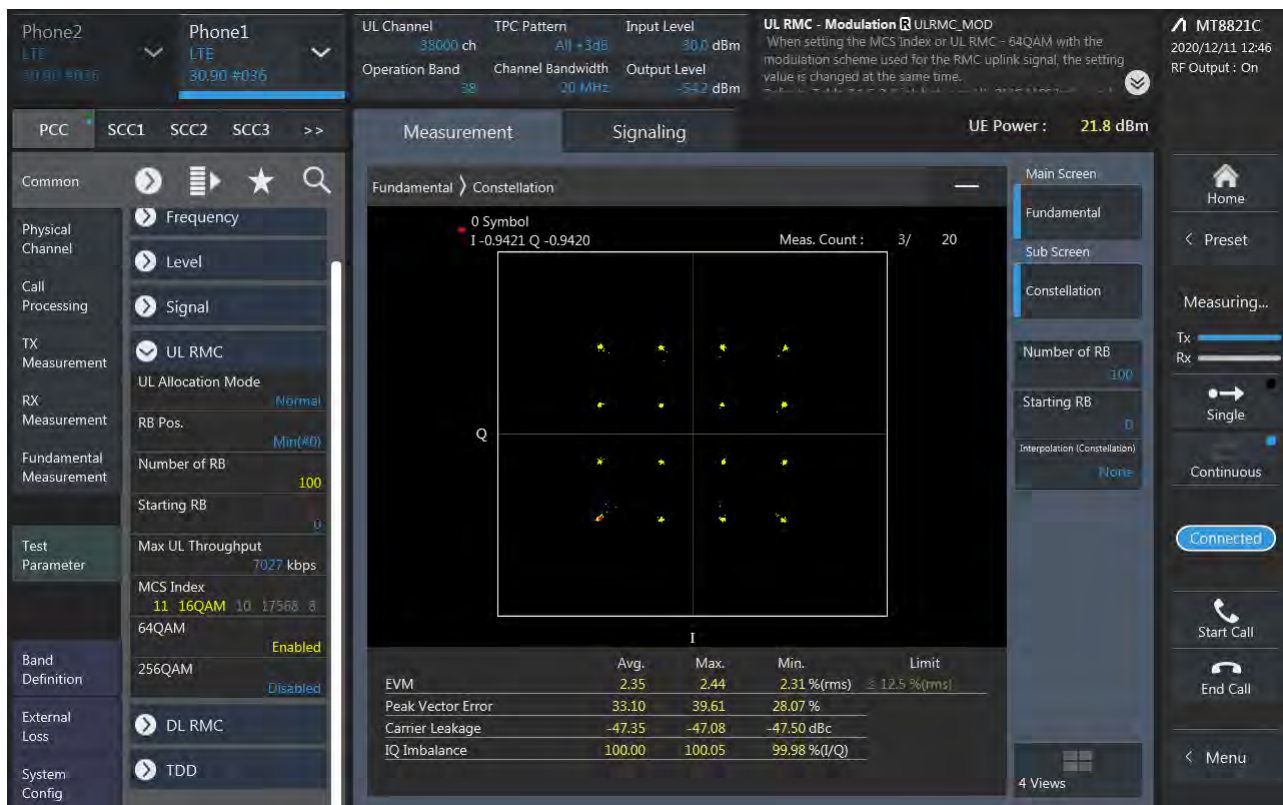
3.1.1. Test Channel = MCH





3.2. Test Mode = LTE /TM2 20MHz

3.2.1. Test Channel = MCH



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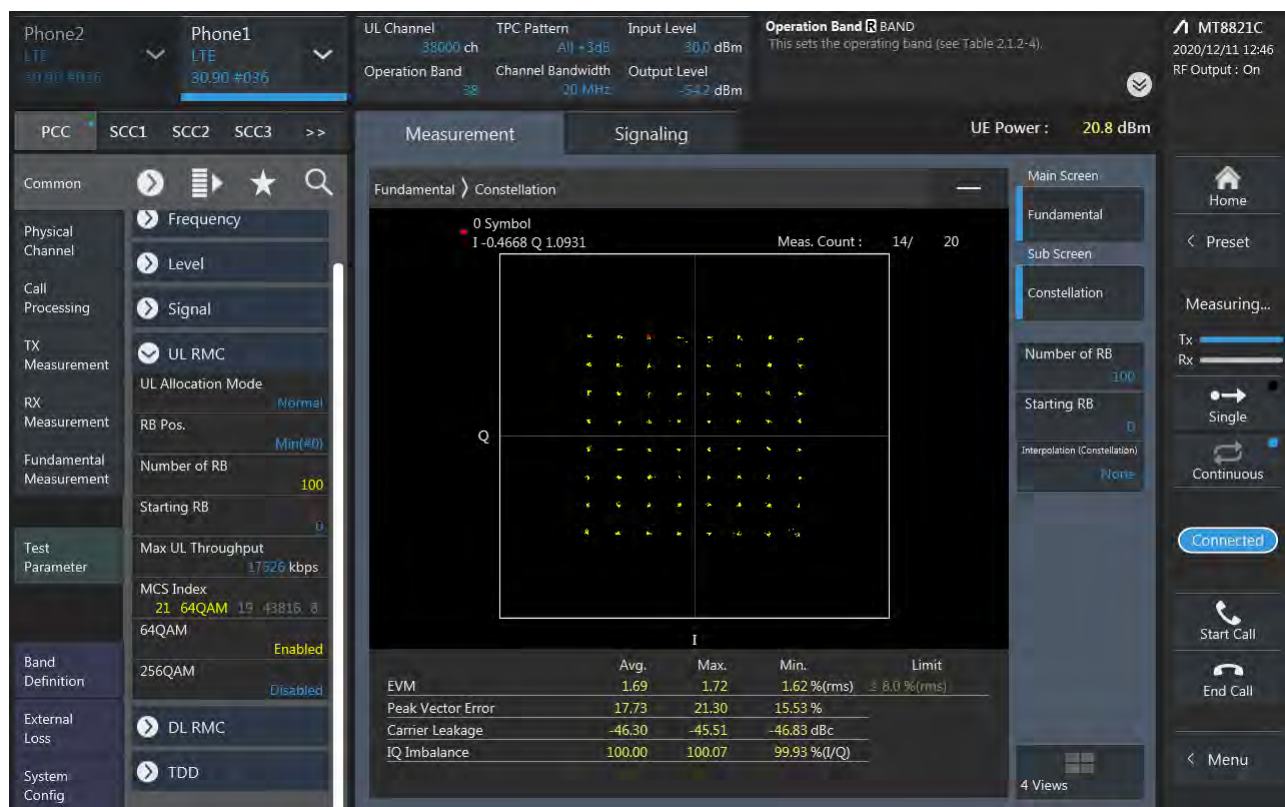
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3.3. Test Mode = LTE /TM3 20MHz

3.3.1. Test Channel = MCH





4. 26dB Bandwidth and Occupied Bandwidth

4.1. Test Result

Band	Bandwidth	Modulation	Channel	RB Configuration	Occupied Bandwidth (MHz)	26dB Bandwidth (MHz)	Verdict
Band38	5MHz	QPSK	37775	25RB#0	4.476	4.910	PASS
Band38	5MHz	QPSK	38000	25RB#0	4.476	4.900	PASS
Band38	5MHz	QPSK	38225	25RB#0	4.476	4.910	PASS
Band38	5MHz	64QAM	37775	25RB#0	4.486	5.040	PASS
Band38	5MHz	64QAM	38000	25RB#0	4.476	5.010	PASS
Band38	5MHz	64QAM	38225	25RB#0	4.476	5.000	PASS
Band38	5MHz	16QAM	37775	25RB#0	4.496	4.950	PASS
Band38	5MHz	16QAM	38000	25RB#0	4.486	4.950	PASS
Band38	5MHz	16QAM	38225	25RB#0	4.496	4.970	PASS
Band38	10MHz	QPSK	37800	50RB#0	8.911	9.840	PASS
Band38	10MHz	QPSK	38000	50RB#0	8.911	9.880	PASS
Band38	10MHz	QPSK	38200	50RB#0	8.911	9.860	PASS
Band38	10MHz	64QAM	37800	50RB#0	8.931	9.720	PASS
Band38	10MHz	64QAM	38000	50RB#0	8.931	9.720	PASS
Band38	10MHz	64QAM	38200	50RB#0	8.931	9.720	PASS
Band38	10MHz	16QAM	37800	50RB#0	8.911	9.660	PASS
Band38	10MHz	16QAM	38000	50RB#0	8.911	9.660	PASS
Band38	10MHz	16QAM	38200	50RB#0	8.911	9.700	PASS
Band38	15MHz	QPSK	37825	75RB#0	13.487	16.110	PASS
Band38	15MHz	QPSK	38000	75RB#0	13.516	16.290	PASS
Band38	15MHz	QPSK	38175	75RB#0	13.487	16.290	PASS
Band38	15MHz	64QAM	37825	75RB#0	13.457	14.760	PASS
Band38	15MHz	64QAM	38000	75RB#0	13.457	14.820	PASS
Band38	15MHz	64QAM	38175	75RB#0	13.427	15.030	PASS
Band38	15MHz	16QAM	37825	75RB#0	13.457	15.120	PASS
Band38	15MHz	16QAM	38000	75RB#0	13.457	15.060	PASS
Band38	15MHz	16QAM	38175	75RB#0	13.457	15.090	PASS
Band38	20MHz	QPSK	37850	100RB#0	17.902	19.560	PASS
Band38	20MHz	QPSK	38000	100RB#0	17.902	19.600	PASS
Band38	20MHz	QPSK	38150	100RB#0	17.942	19.520	PASS
Band38	20MHz	64QAM	37850	100RB#0	17.862	19.760	PASS



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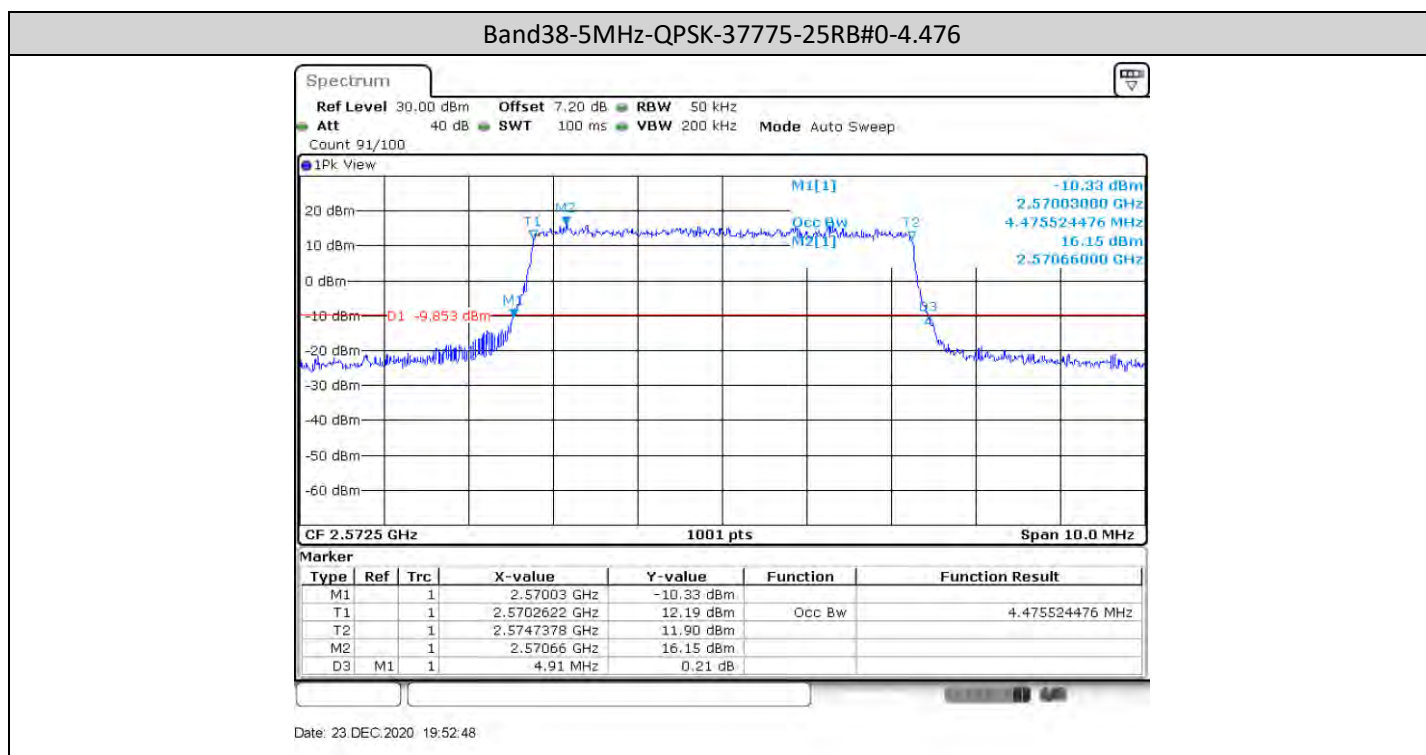
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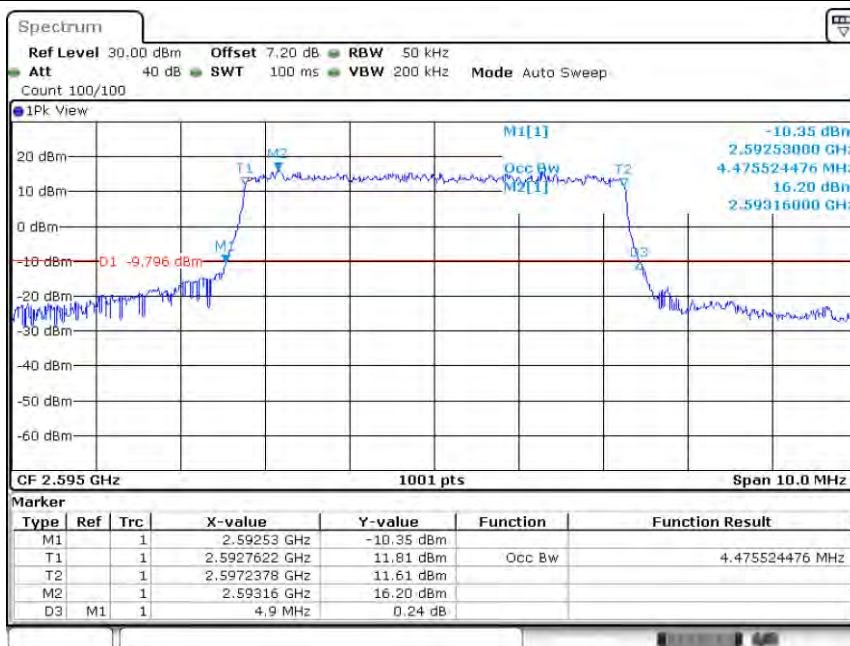
Band38	20MHz	64QAM	38000	100RB#0	17.862	19.320	PASS
Band38	20MHz	64QAM	38150	100RB#0	17.902	19.280	PASS
Band38	20MHz	16QAM	37850	100RB#0	17.902	19.840	PASS
Band38	20MHz	16QAM	38000	100RB#0	17.902	19.840	PASS
Band38	20MHz	16QAM	38150	100RB#0	17.902	20.080	PASS

4.2. Test Plots



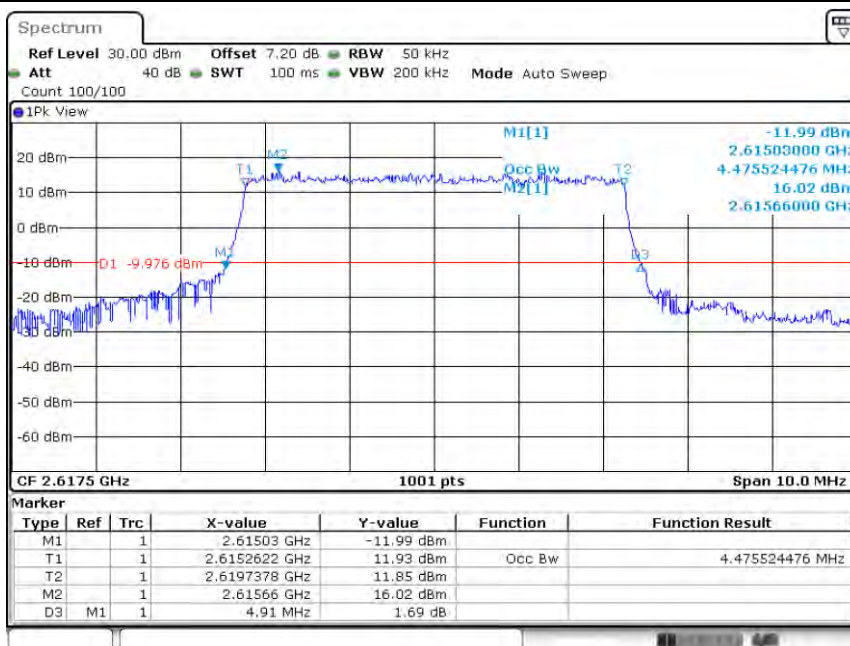


Band38-5MHz-QPSK-38000-25RB#0-4.476



Date: 23.DEC.2020 19:53:27

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



Date: 23.DEC.2020 19:54:07

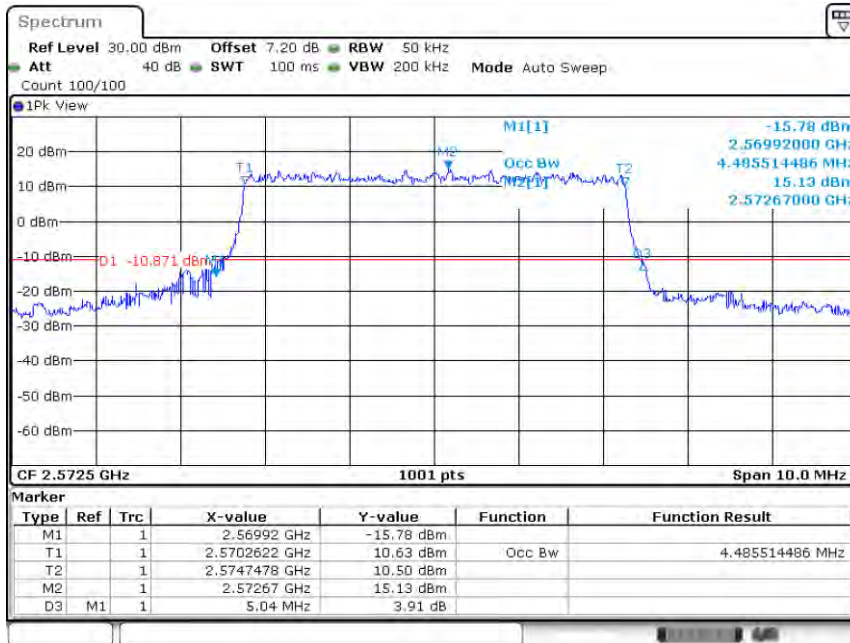


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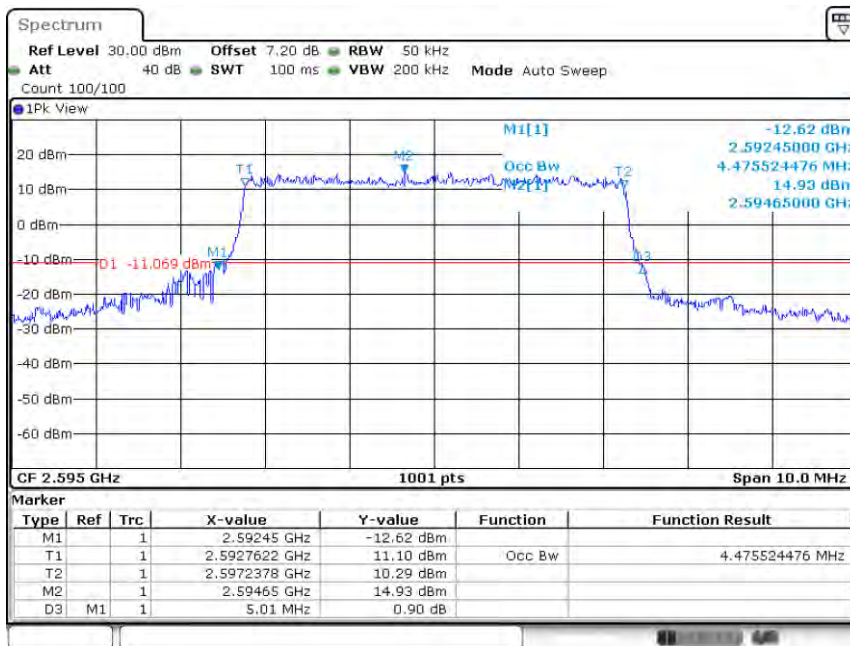


Band38-5MHz-64QAM-37775-25RB#0-4.486



Date: 23.DEC.2020 20:21:17

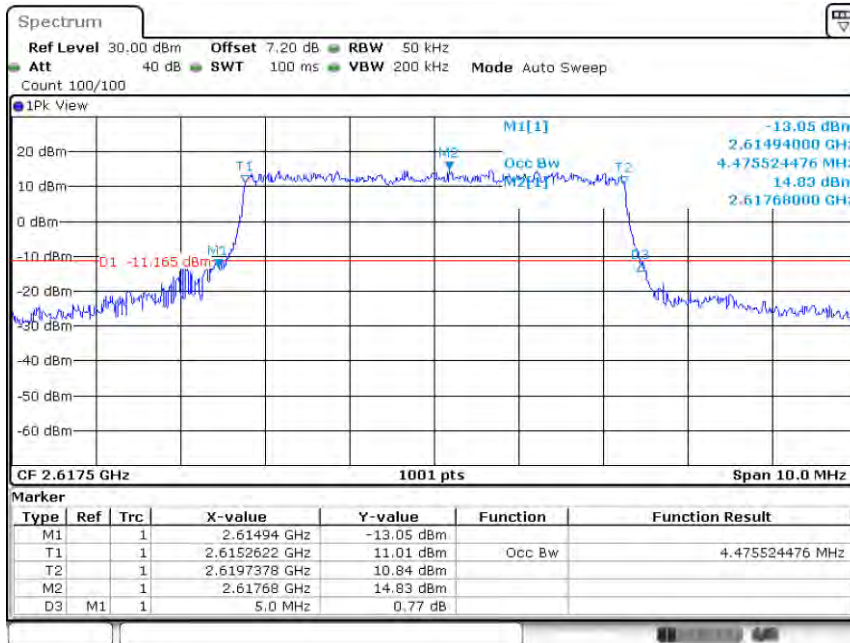
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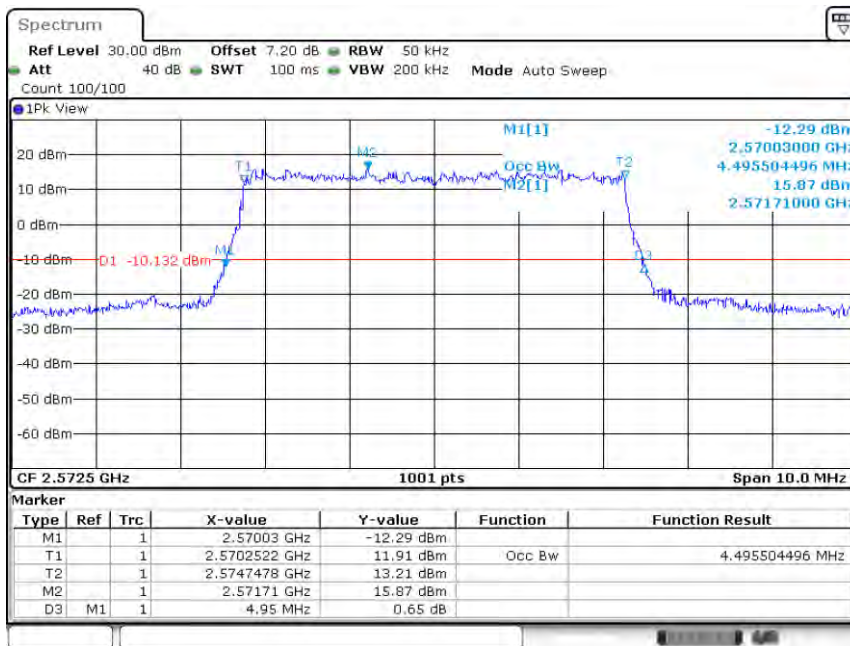


Band38-5MHz-64QAM-38225-25RB#0-4.476



Date: 23 DEC. 2020 20:21:58

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



Date: 23 DEC. 2020 19:53:08



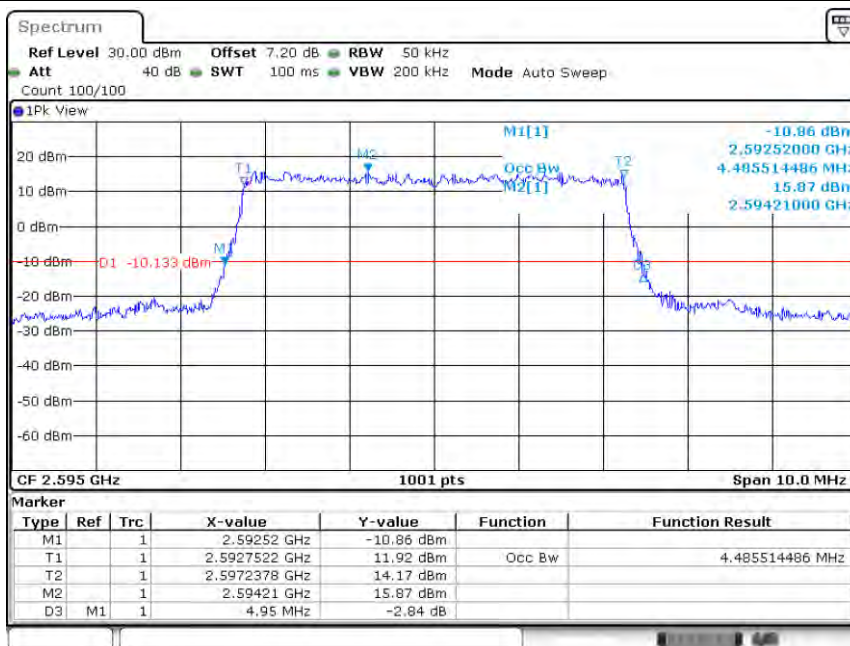
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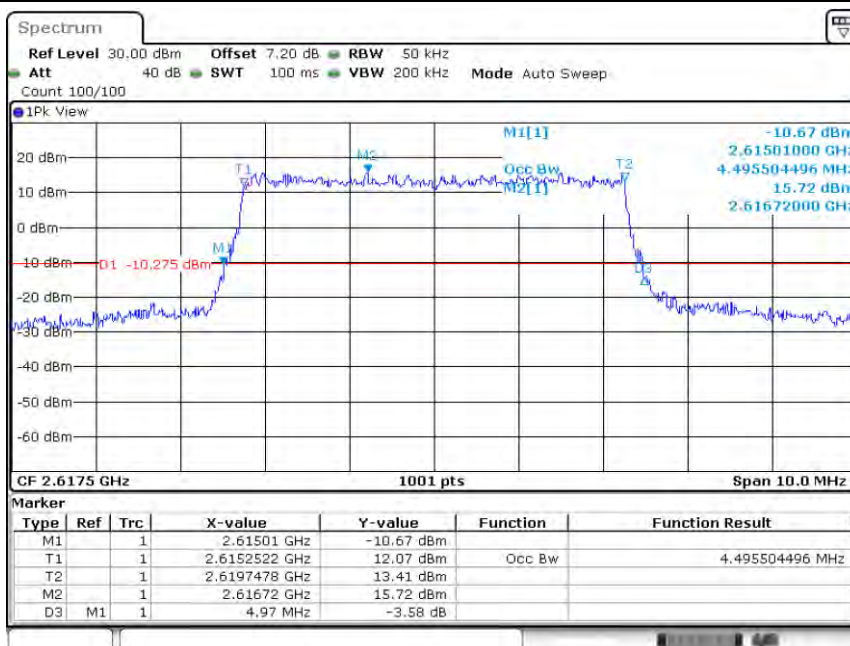


Band38-5MHz-16QAM-38000-25RB#0-4.486



Date: 23.DEC.2020 19:53:47

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



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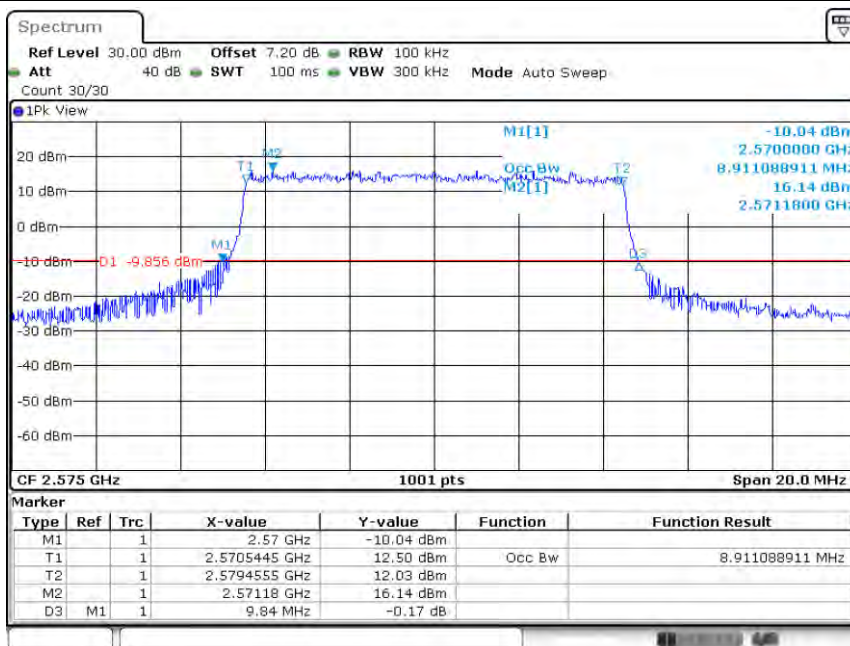


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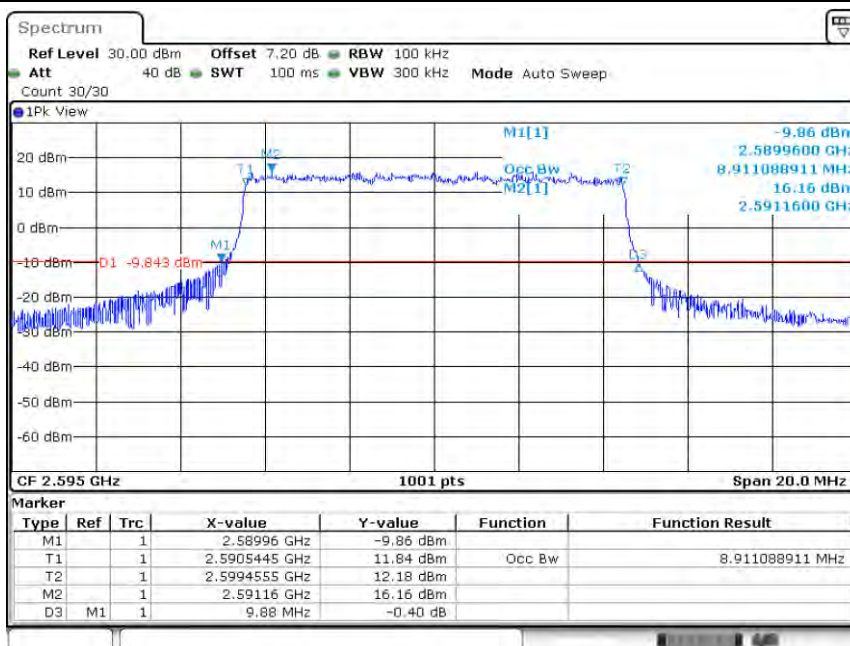


Band38-10MHz-QPSK-37800-50RB#0-8.911



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

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



Date: 23.DEC.2020 19:55:10

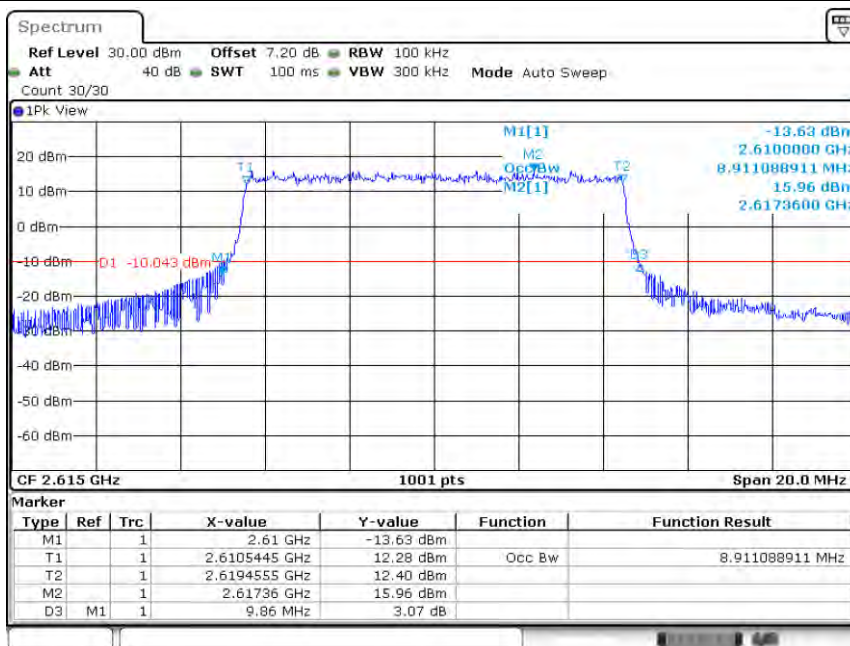


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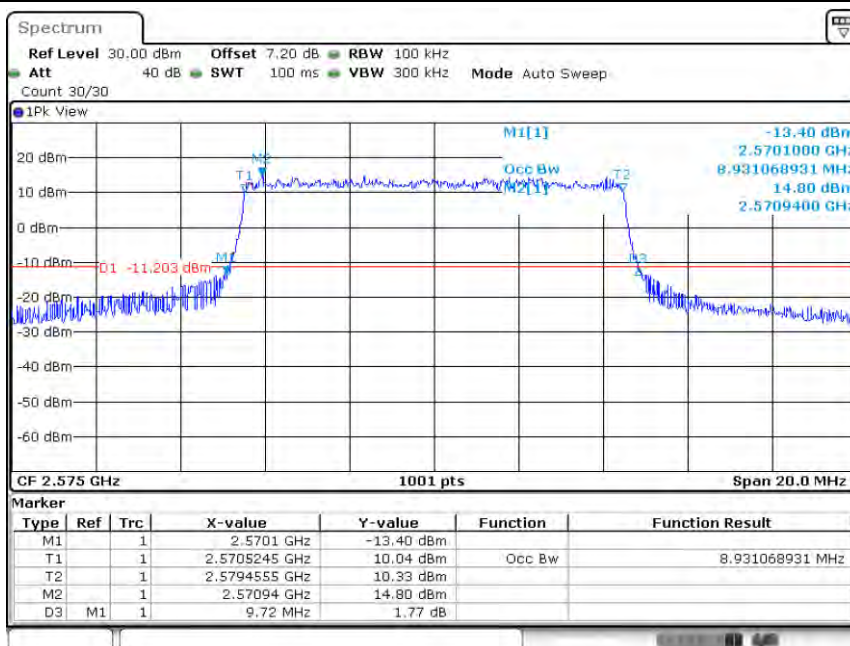


Band38-10MHz-QPSK-38200-50RB#0-8.911



Date: 23.DEC.2020 19:55:36

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



Date: 23.DEC.2020 20:22:17

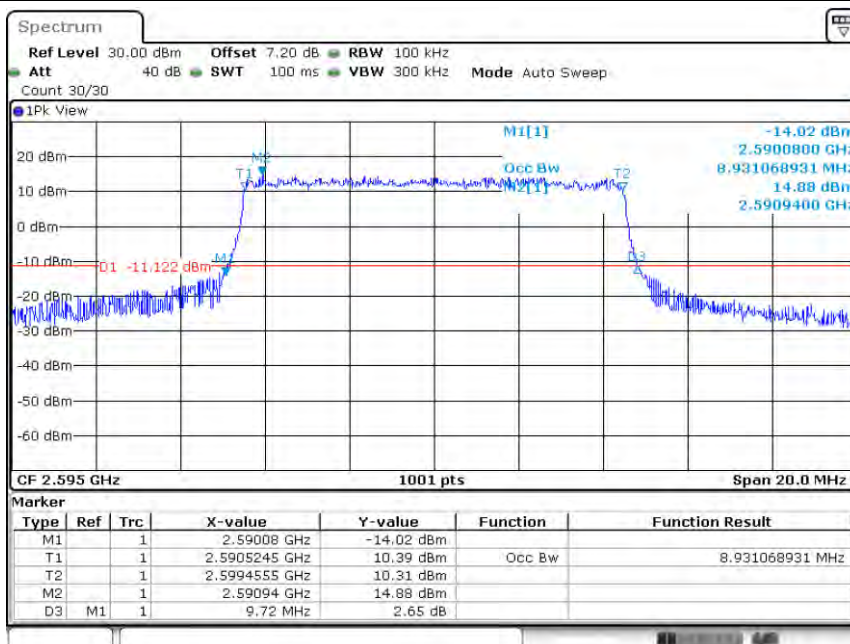


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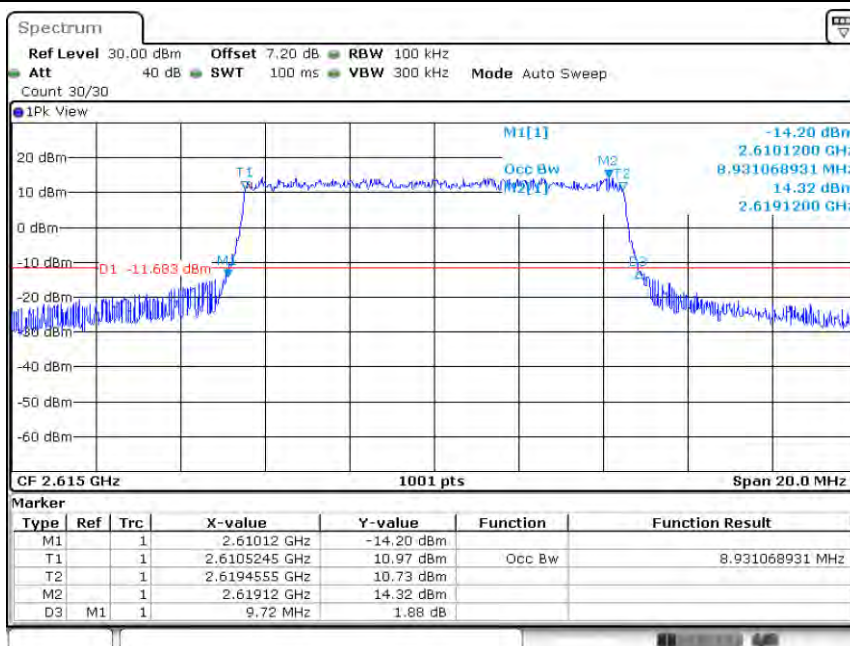


Band38-10MHz-64QAM-38000-50RB#0-8.931



Date: 23.DEC.2020 20:22:31

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



Date: 23.DEC.2020 20:22:44

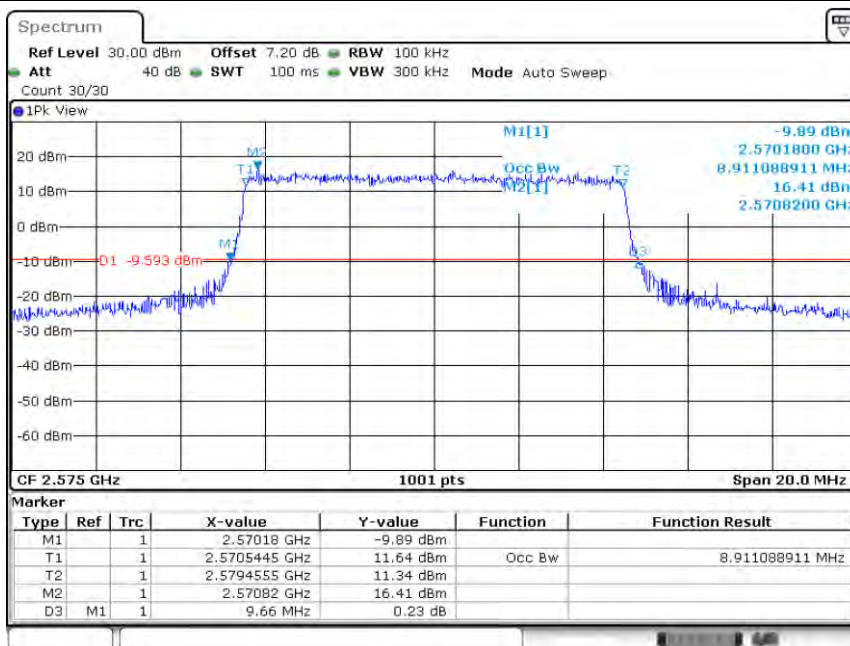


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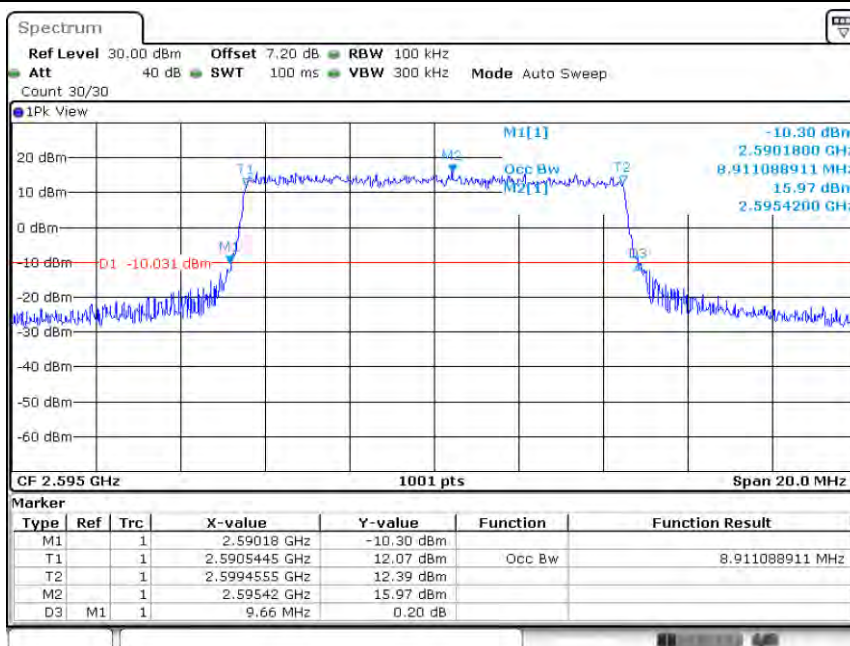


Band38-10MHz-16QAM-37800-50RB#0-8.911



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

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



Date: 23.DEC.2020 19:55:23



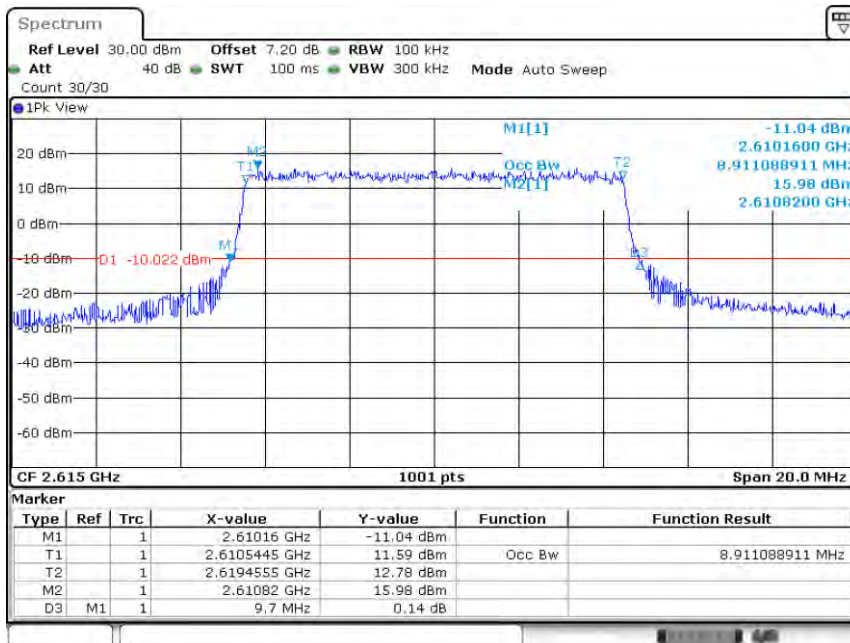
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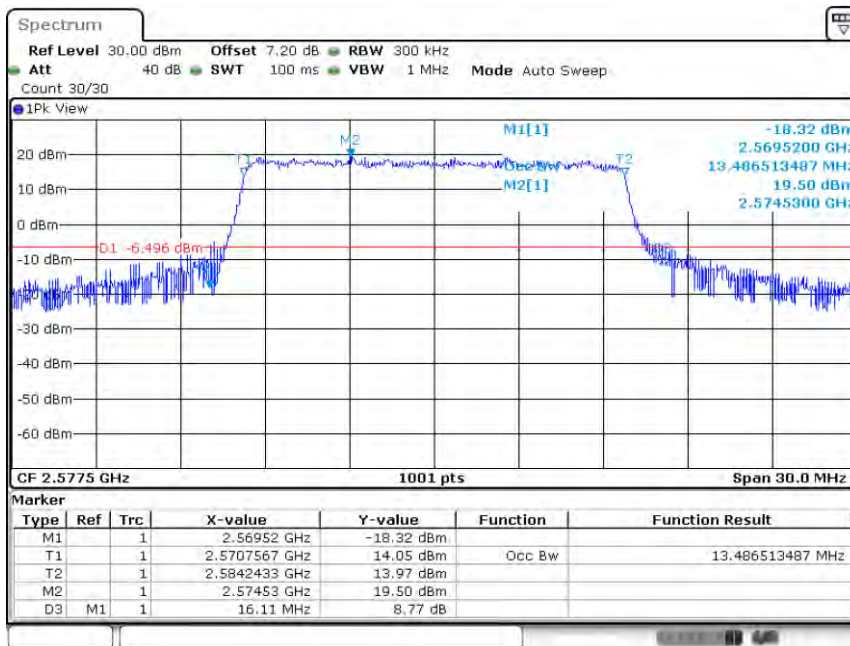


Band38-10MHz-16QAM-38200-50RB#0-8.911



Date: 23.DEC.2020 19:55:49

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



Date: 23.DEC.2020 19:56:11

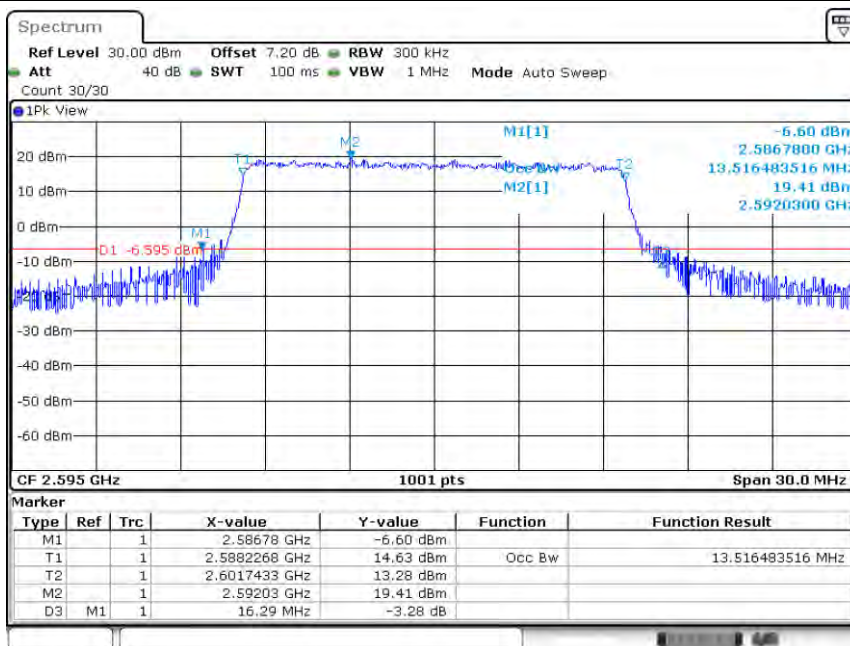


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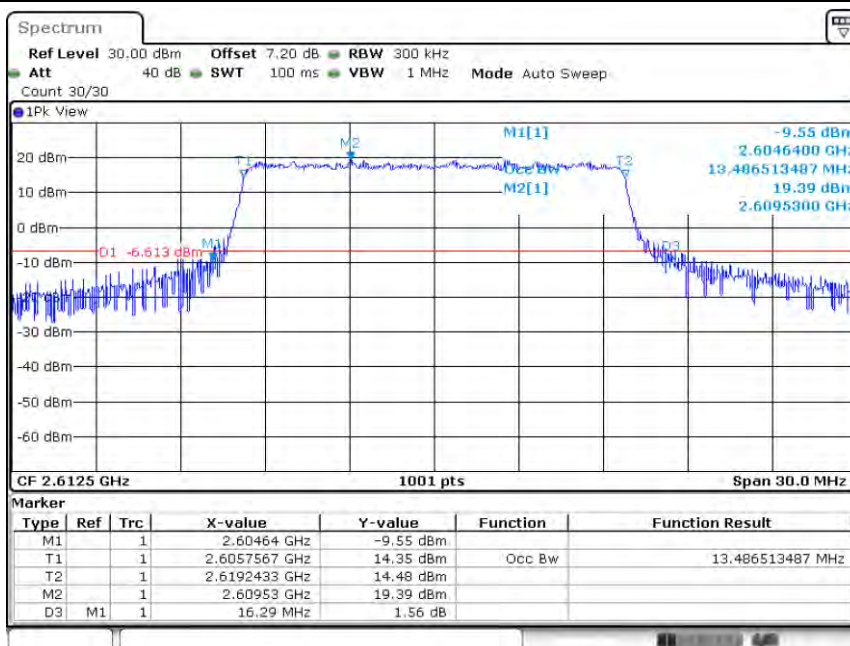


Band38-15MHz-QPSK-38000-75RB#0-13.516



Date: 23.DEC.2020 19:56:36

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



Date: 23.DEC.2020 19:57:02

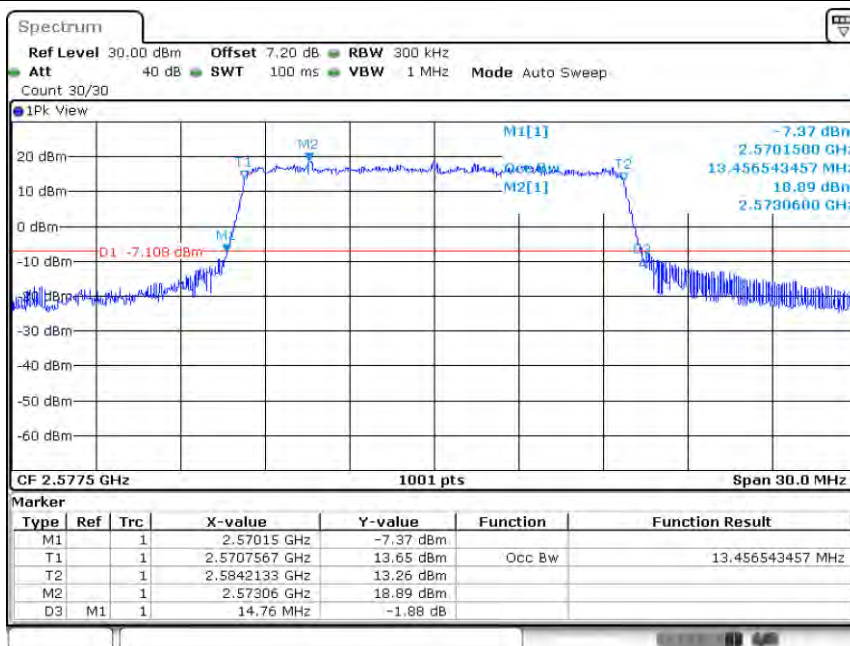


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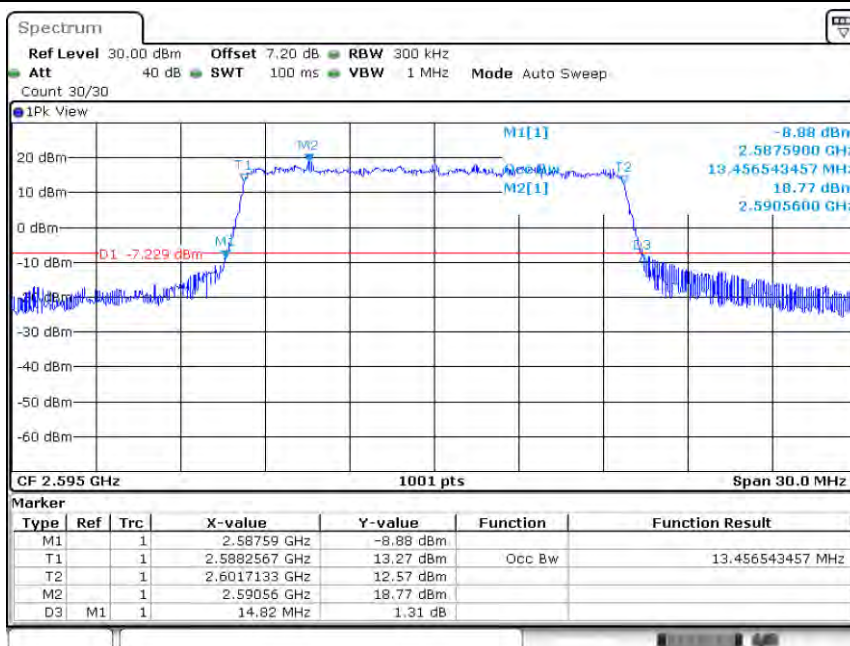


Band38-15MHz-64QAM-37825-75RB#0-13.457



Date: 23 DEC. 2020 20:23:03

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



Date: 23 DEC. 2020 20:23:16

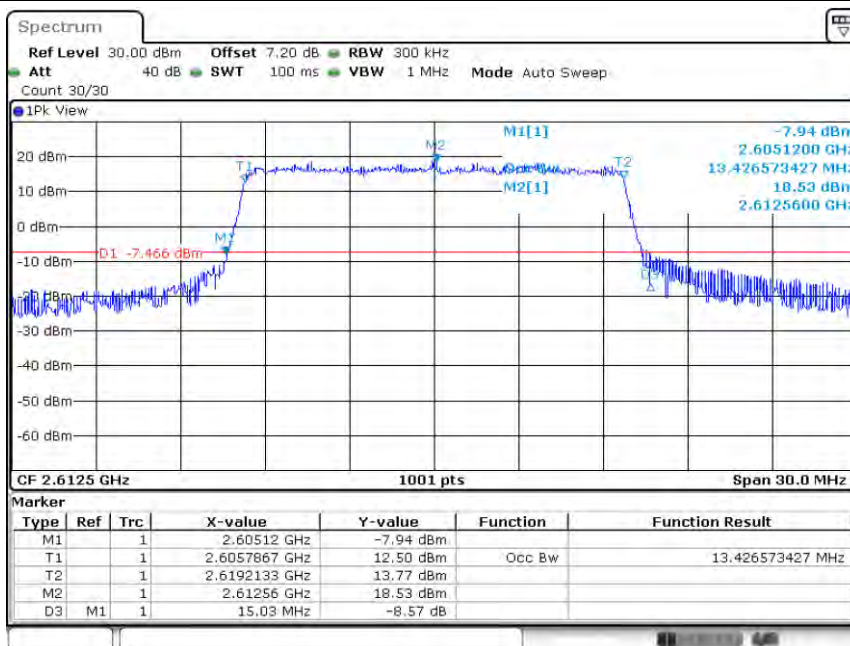


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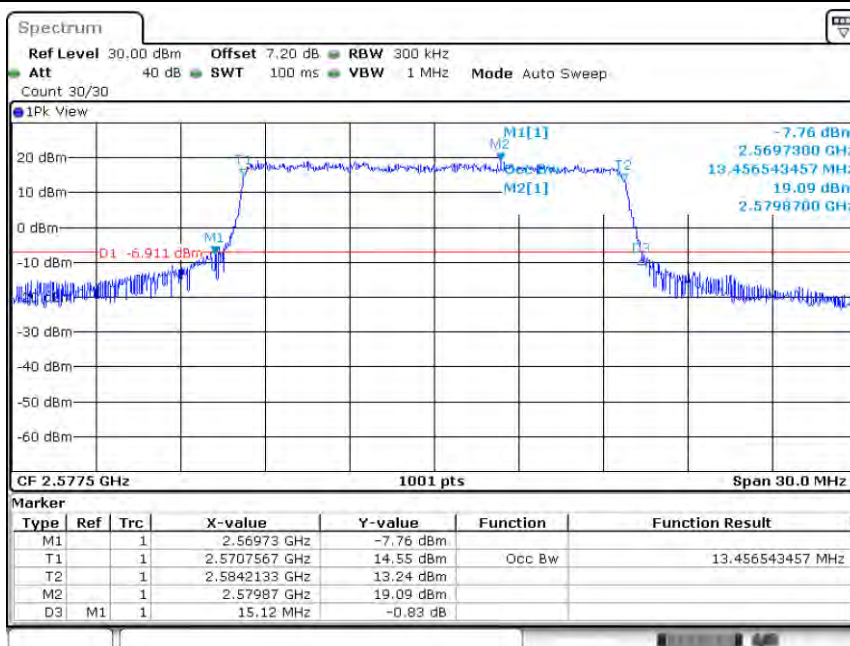


Band38-15MHz-64QAM-38175-75RB#0-13.427



Date: 23 DEC. 2020 20:23:29

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



Date: 23 DEC. 2020 19:56:23

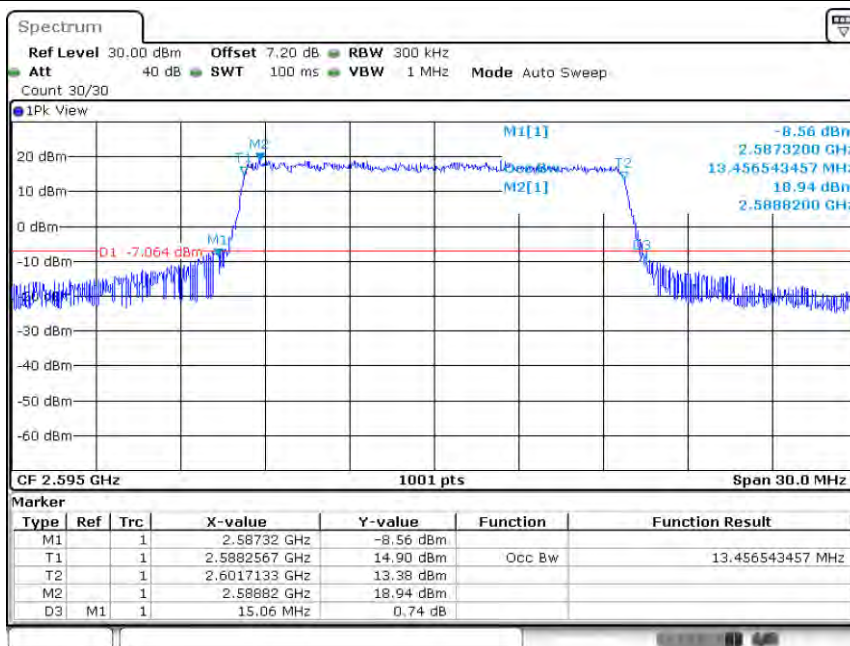


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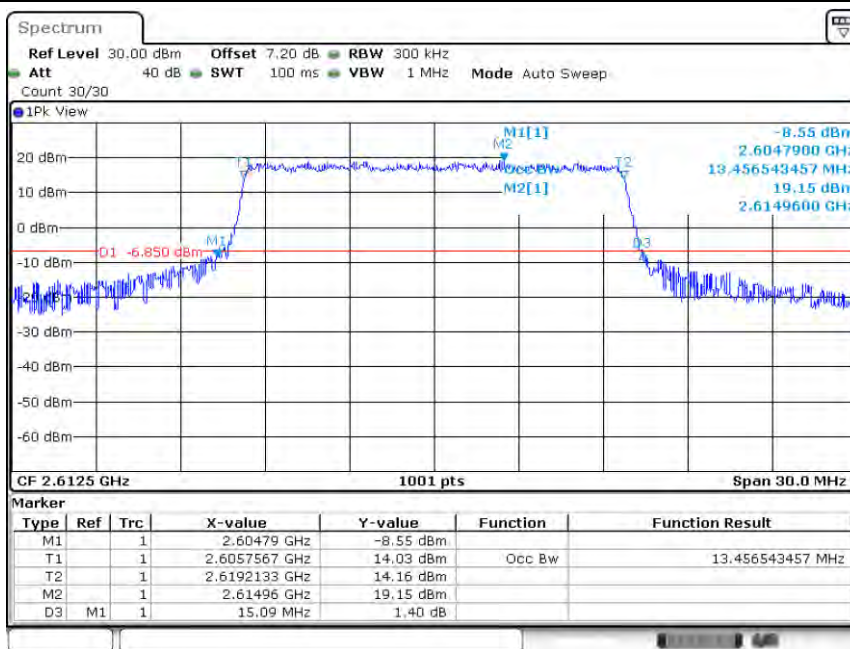


Band38-15MHz-16QAM-38000-75RB#0-13.457



Date: 23.DEC.2020 19:56:49

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



Date: 23.DEC.2020 19:57:15

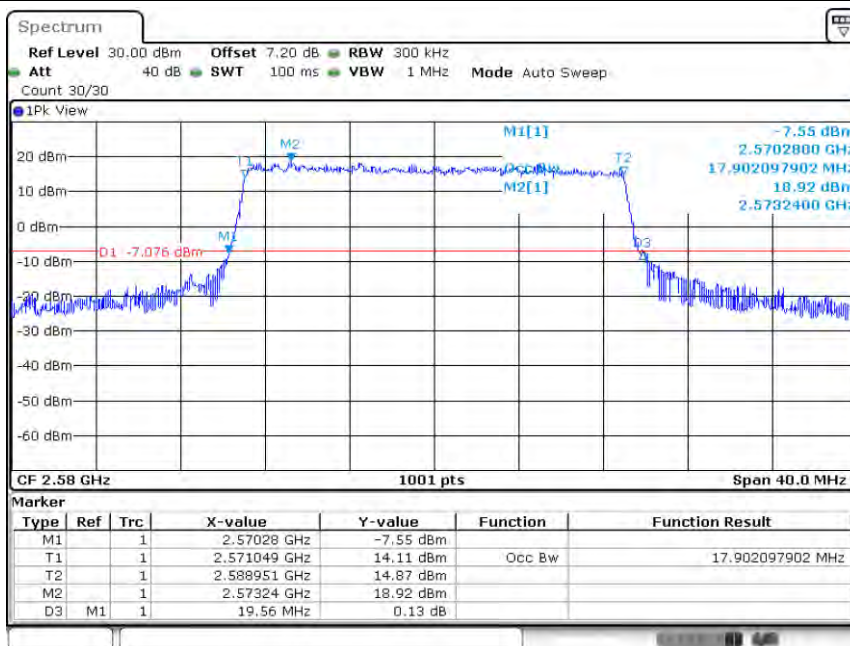


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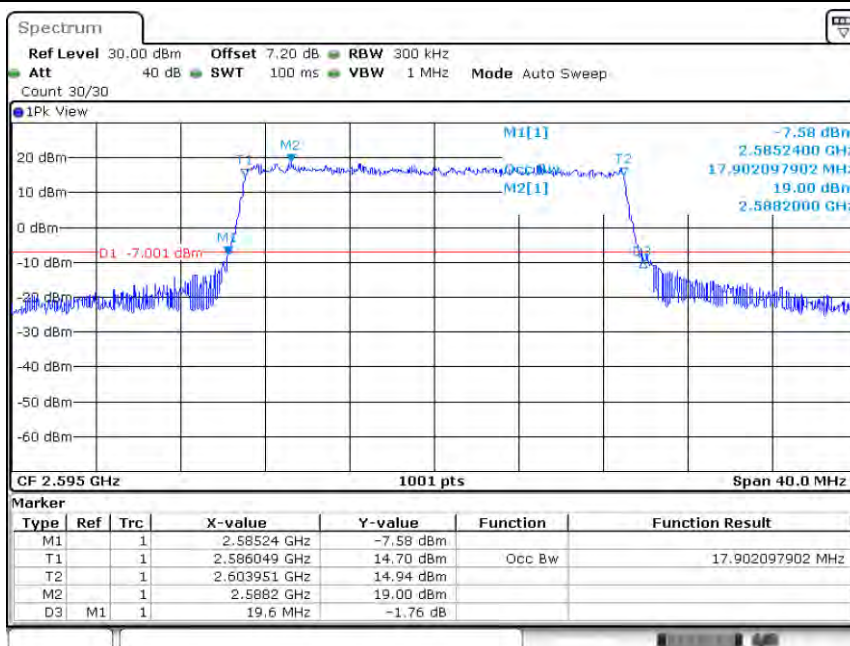


Band38-20MHz-QPSK-37850-100RB#0-17.902



Date: 23.DEC.2020 19:57:33

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



Date: 23.DEC.2020 19:57:59

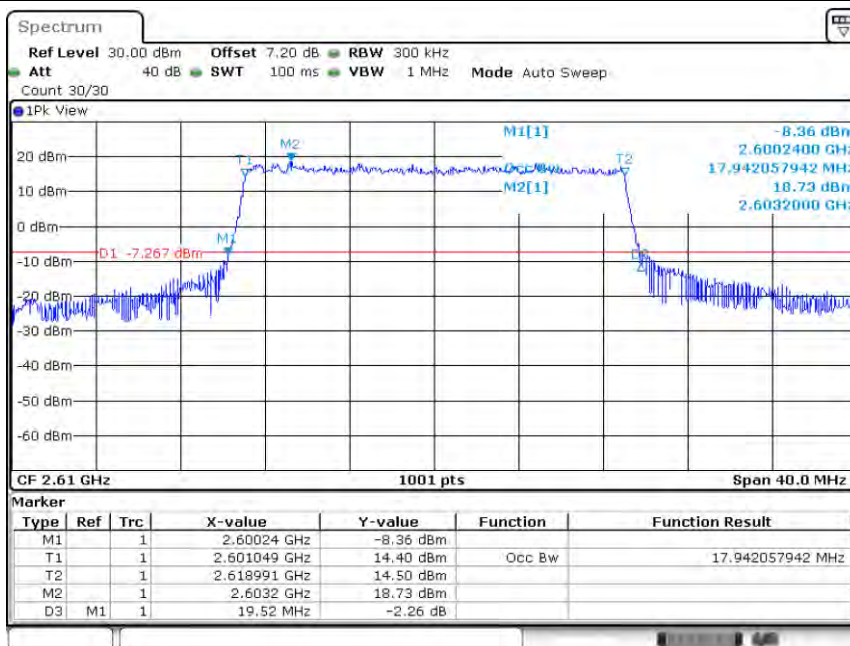


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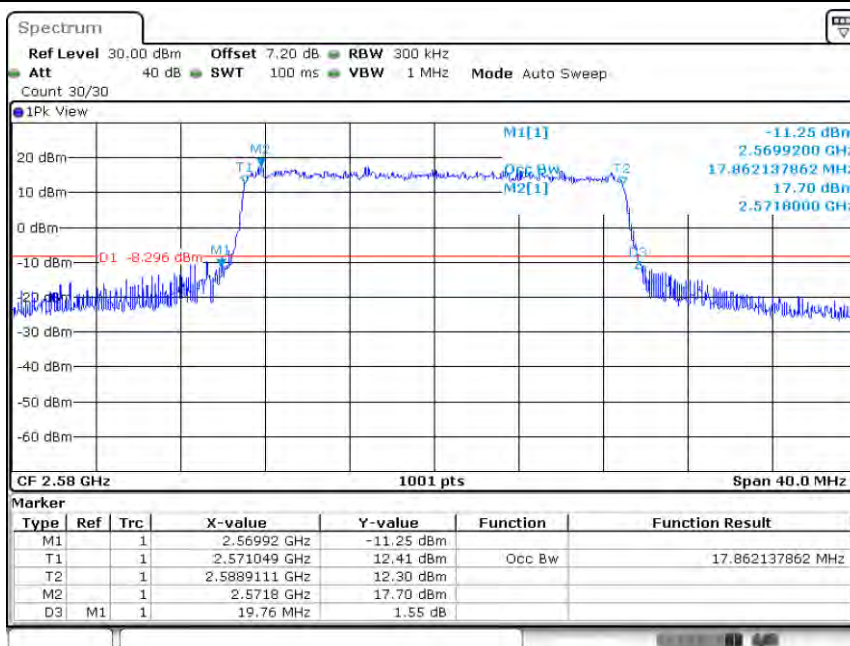


Band38-20MHz-QPSK-38150-100RB#0-17.942



Date: 23 DEC. 2020 19:58:27

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



Date: 23 DEC. 2020 20:23:48

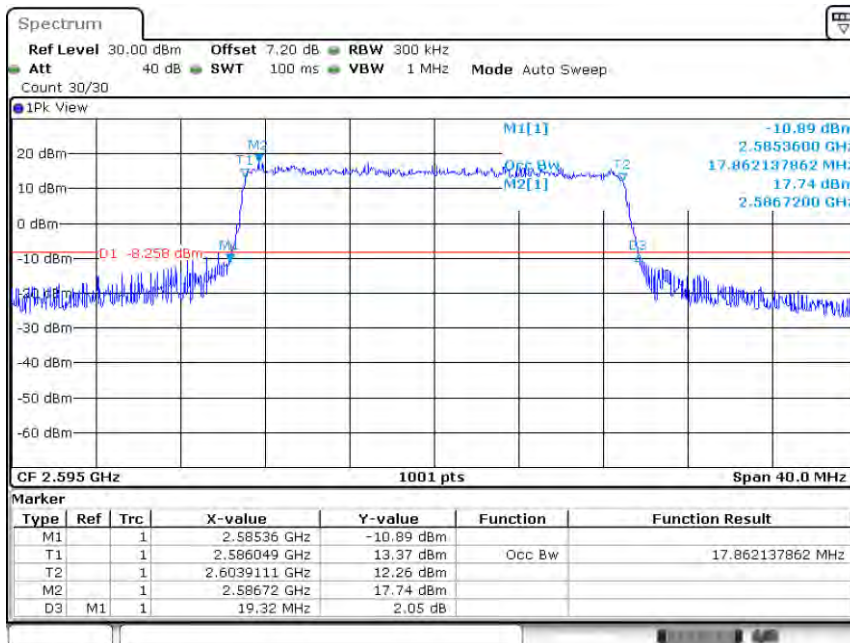


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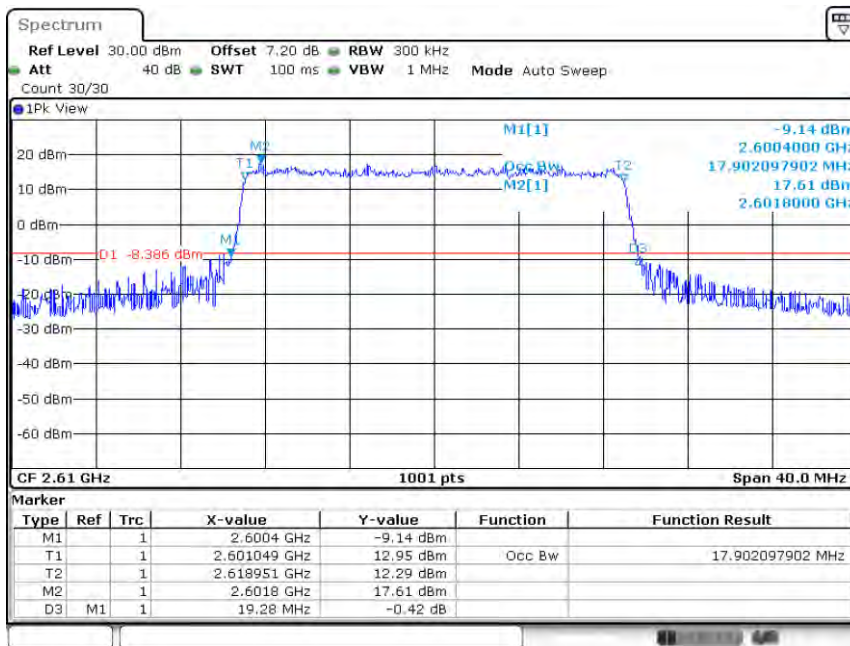


Band38-20MHz-64QAM-38000-100RB#0-17.862



Date: 23.DEC.2020 20:24:01

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



Date: 23.DEC.2020 20:24:14

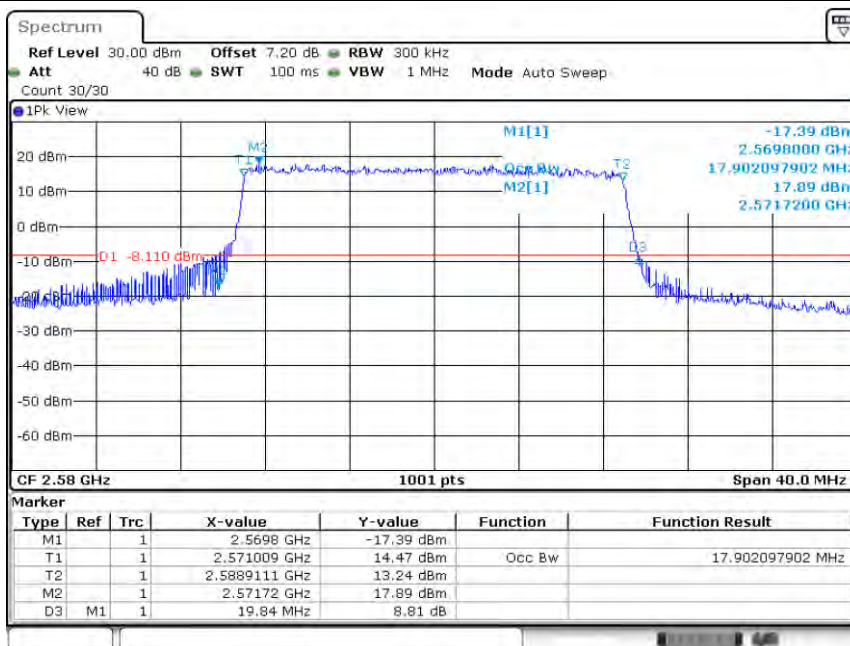


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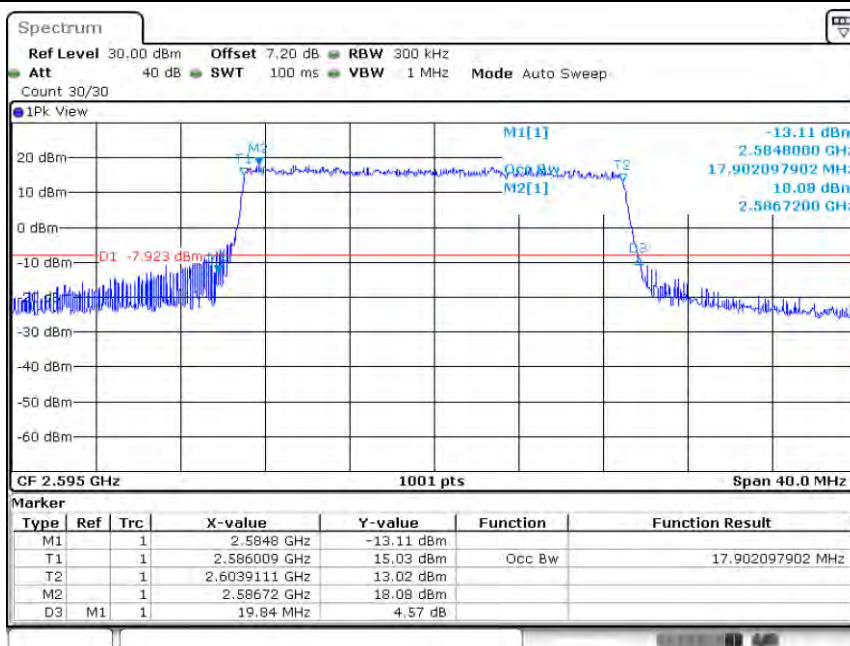


Band38-20MHz-16QAM-37850-100RB#0-17.902



Date: 23.DEC.2020 19:57:46

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



Date: 23.DEC.2020 19:58:11



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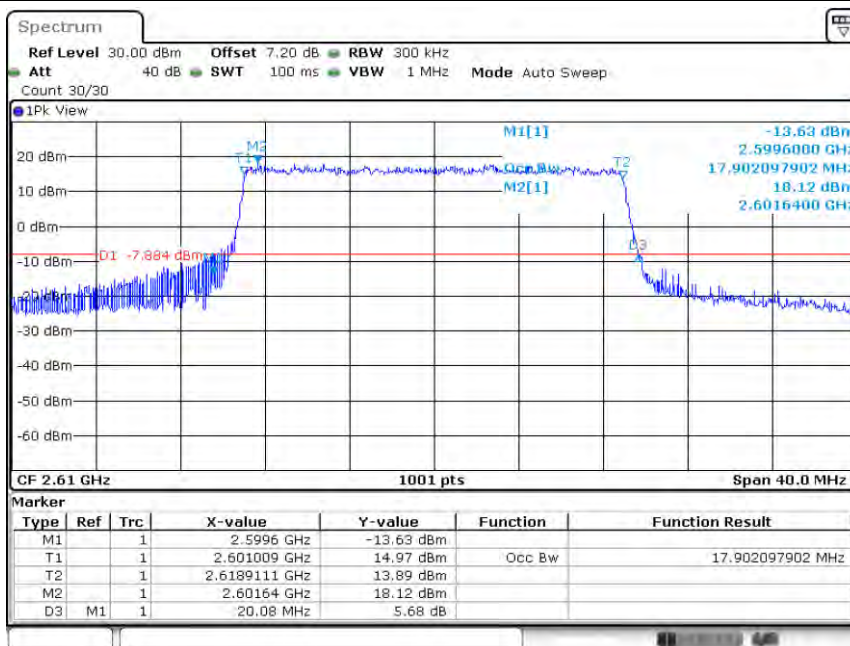
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Band38-20MHz-16QAM-38150-100RB#0-17.902



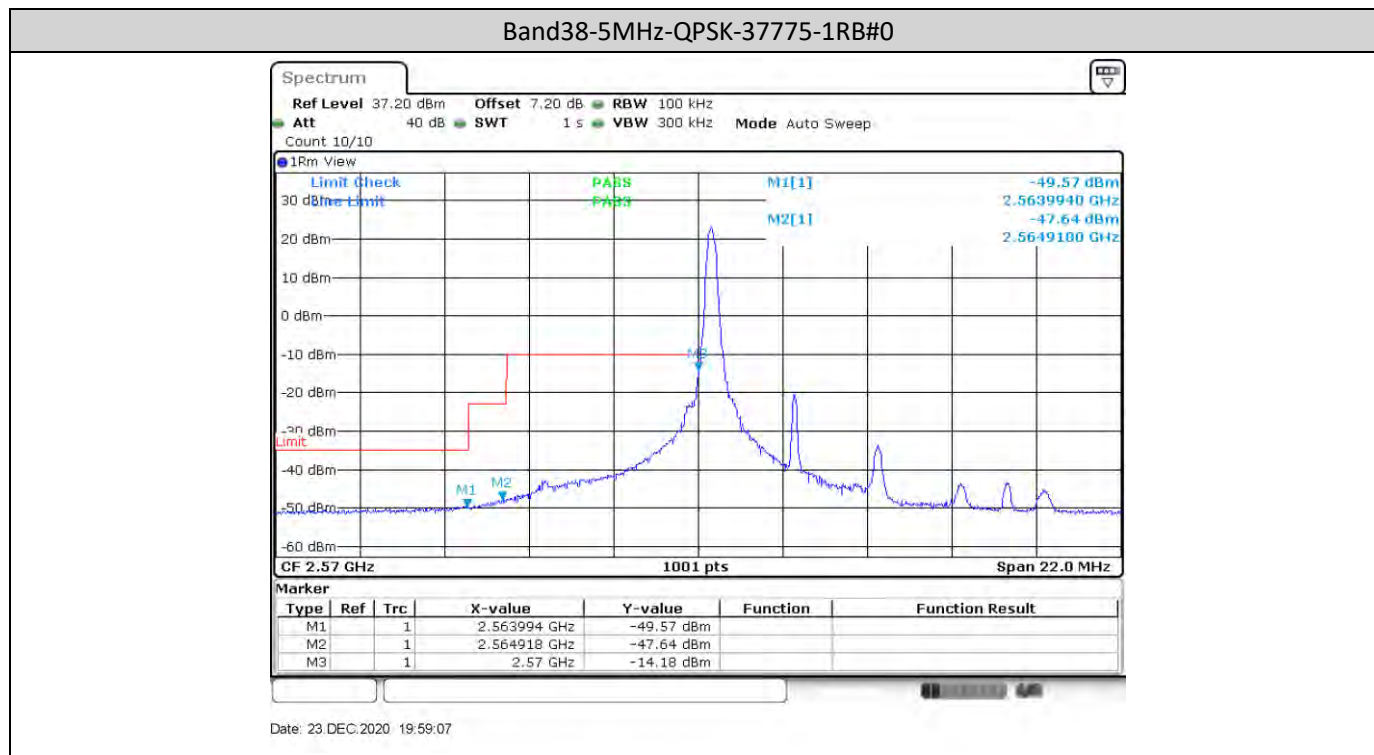
Date: 23 DEC. 2020 19:58:40





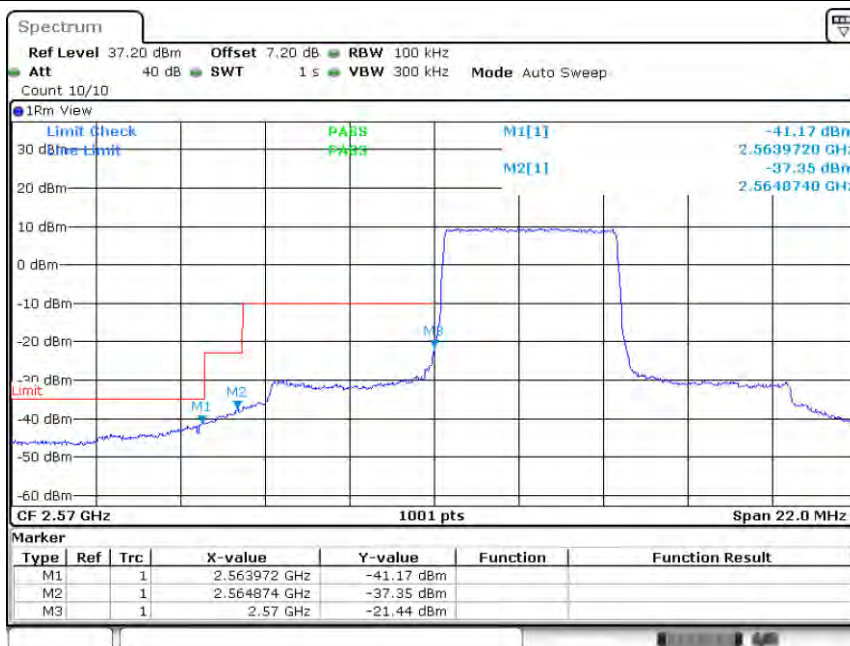
5. Band Edge Compliance

5.1. Test Plots



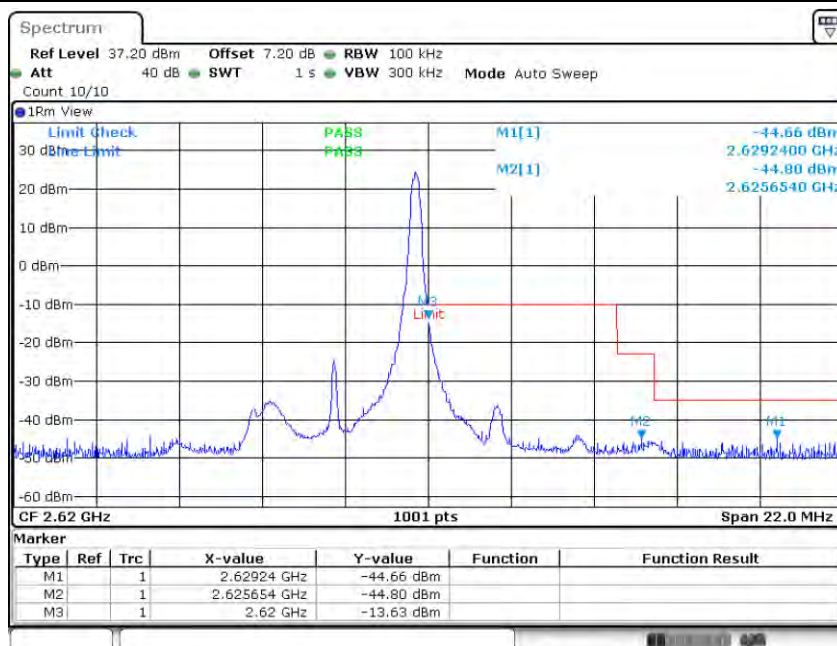


Band38-5MHz-QPSK-37775-25RB#0



Date: 23 DEC. 2020 20:00:49

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



Date: 29 DEC. 2020 21:18:34



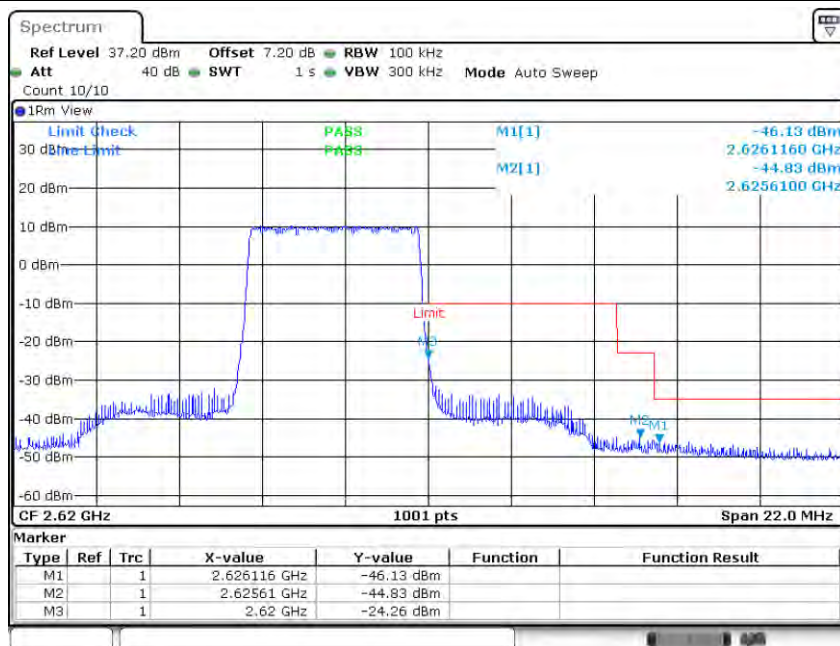
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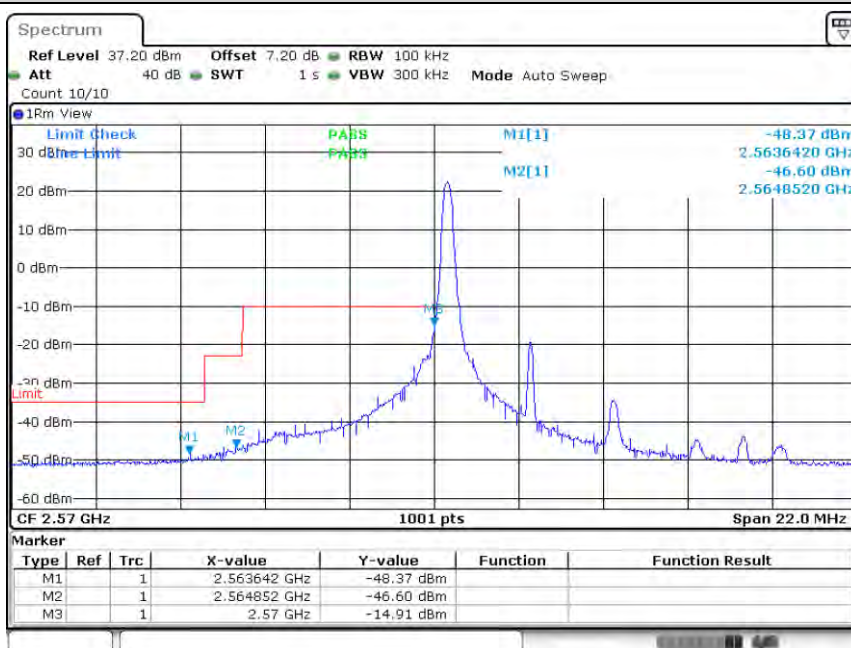
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Band38-5MHz-QPSK-38225-25RB#0



Date: 29.DEC.2020 21:20:42

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



Date: 23.DEC.2020 20:24:42

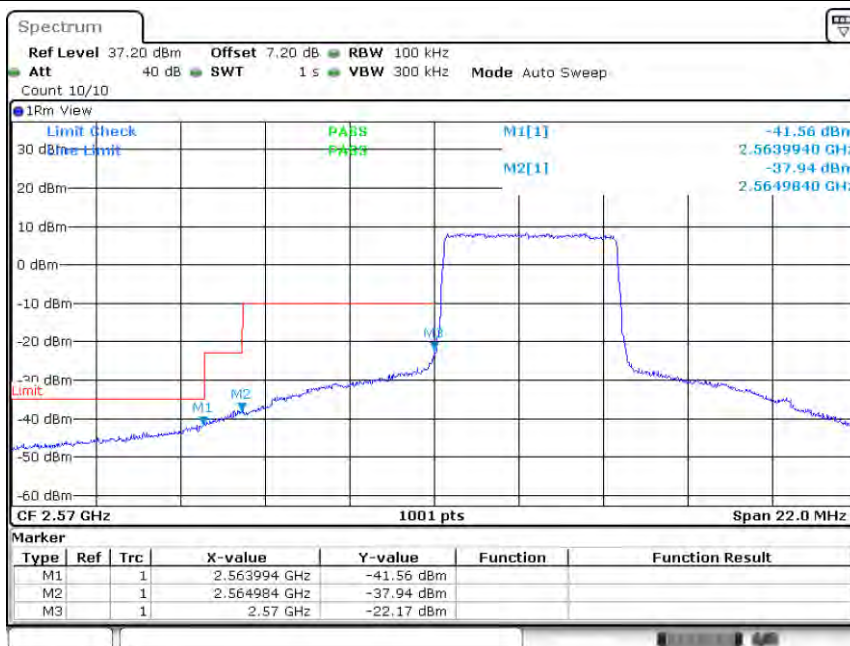


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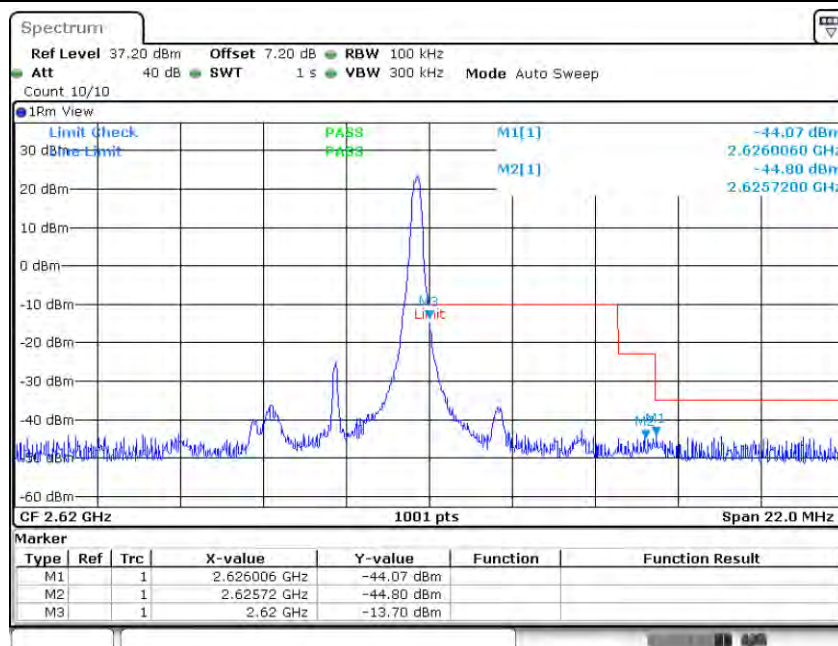


Band38-5MHz-64QAM-37775-25RB#0



Date: 23 DEC.2020 20:25:36

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



Date: 29 DEC.2020 21:15:00

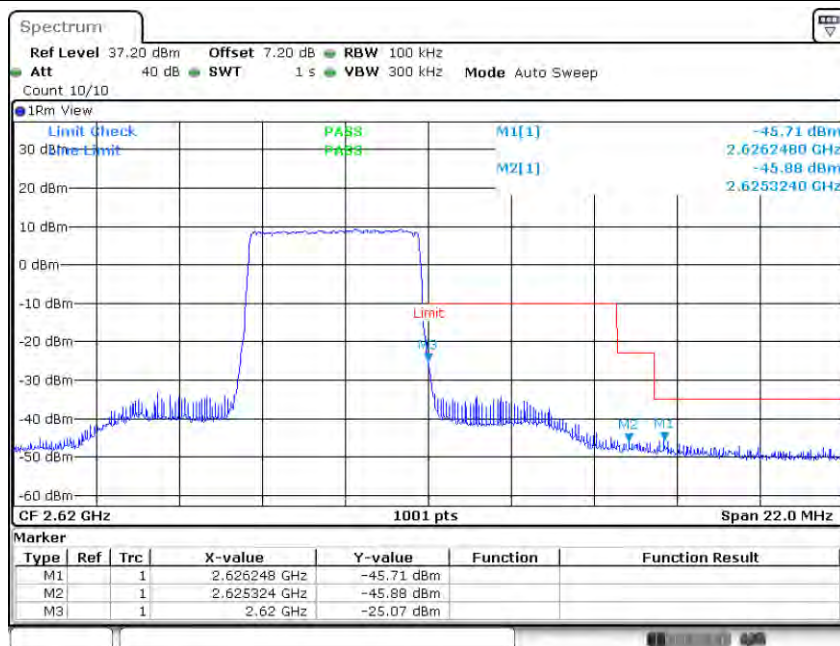


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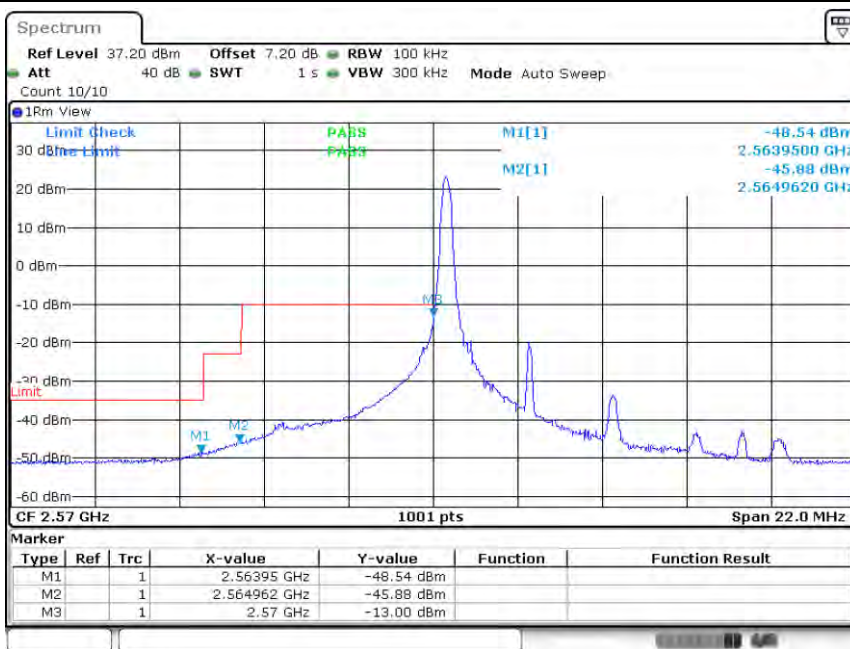
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Band38-5MHz-64QAM-38225-25RB#0



Date: 29.DEC.2020 21:16:05

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



Date: 23.DEC.2020 19:59:29

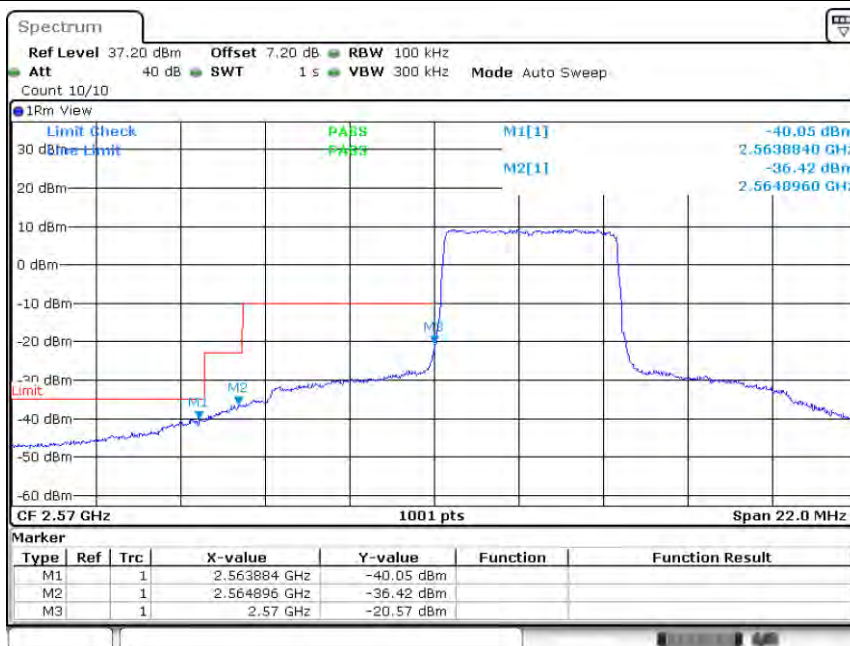


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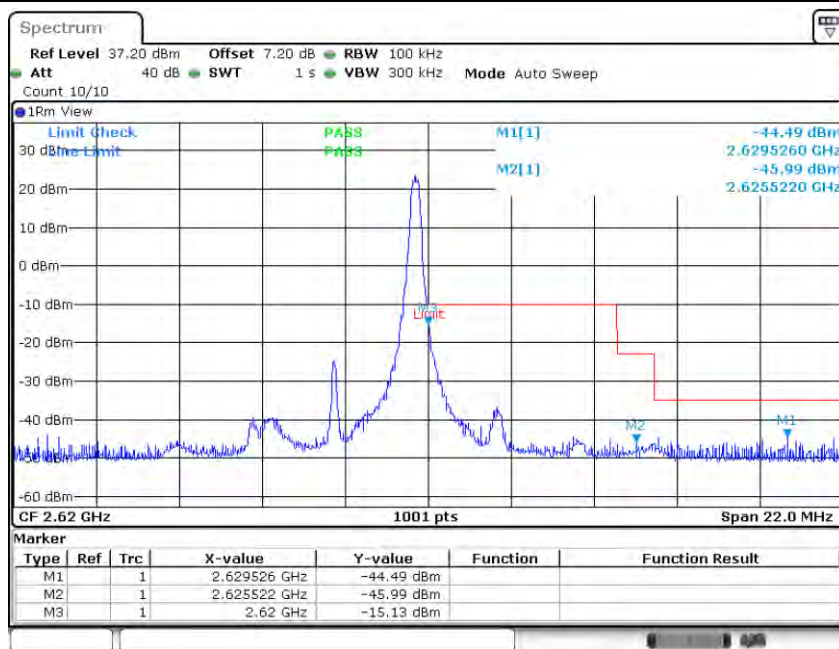


Band38-5MHz-16QAM-37775-25RB#0



Date: 23 DEC.2020 20:01:10

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



Date: 29 DEC.2020 21:19:07

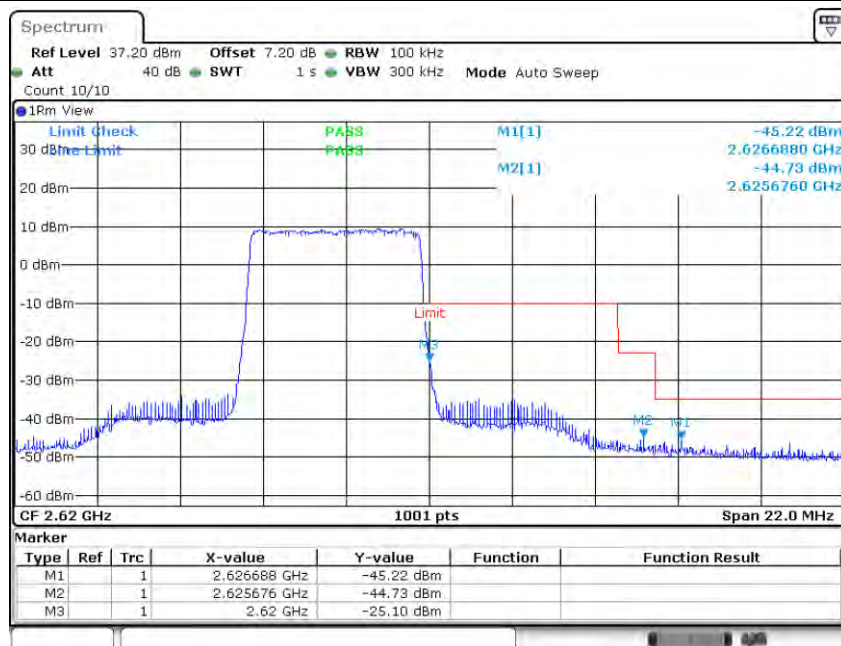


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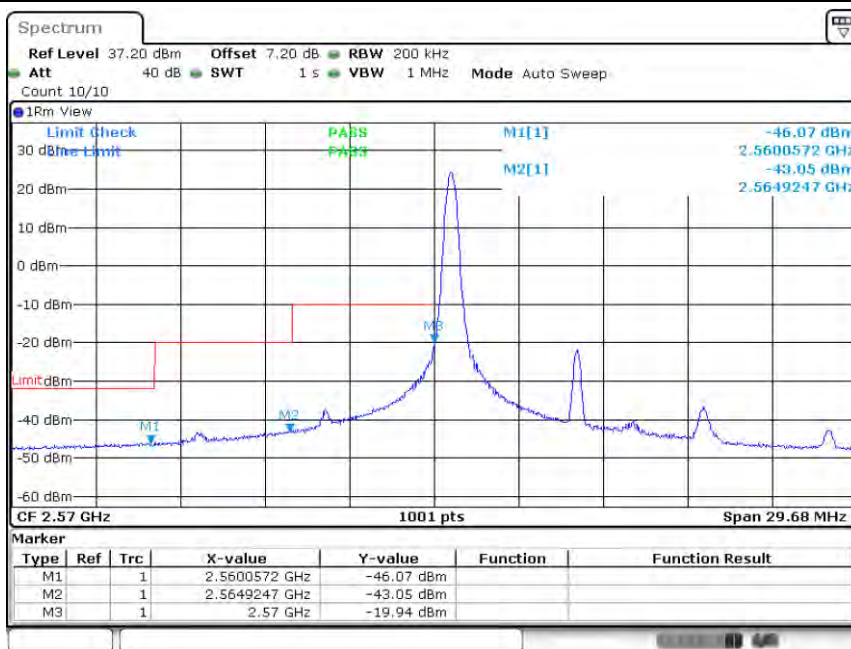
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Band38-5MHz-16QAM-38225-25RB#0



Date: 29 DEC.2020 21:21:17

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

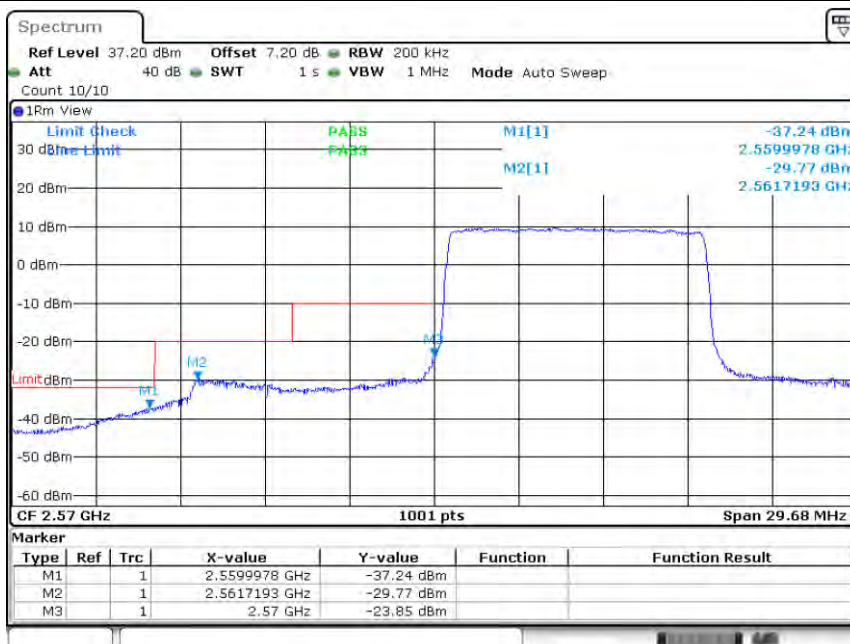


Date: 23 DEC.2020 20:02:33



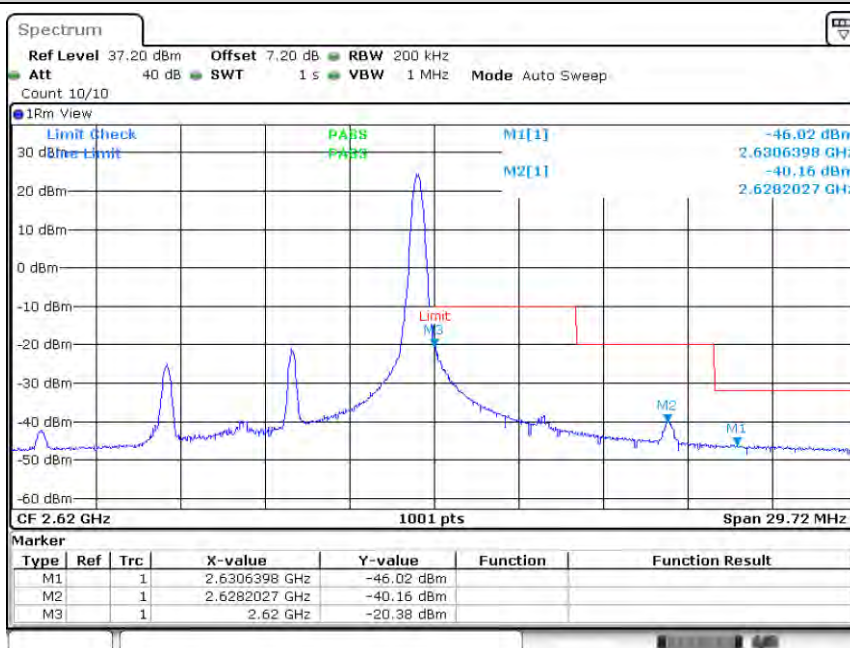


Band38-10MHz-QPSK-37800-50RB#0



Date: 23 DEC. 2020 20:04:09

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



Date: 23 DEC. 2020 20:03:21



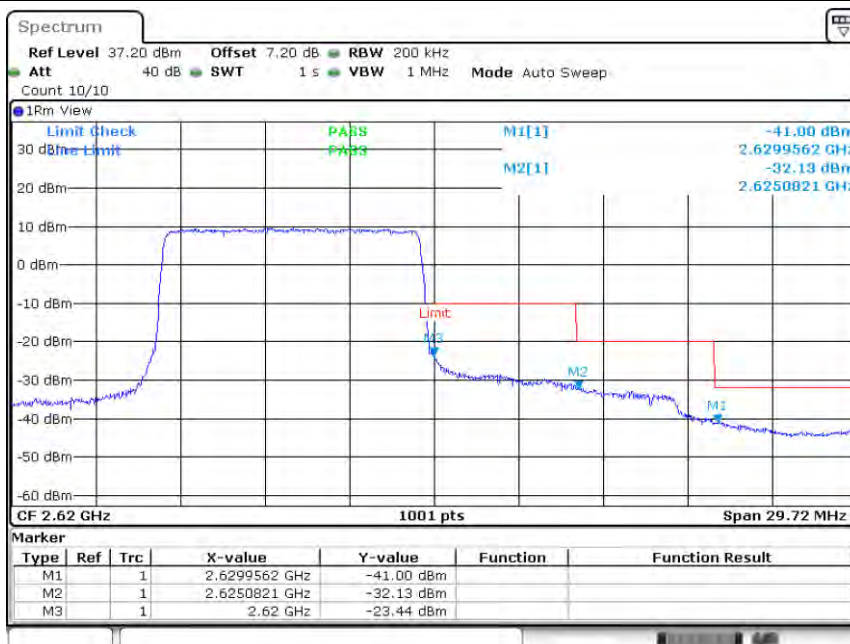
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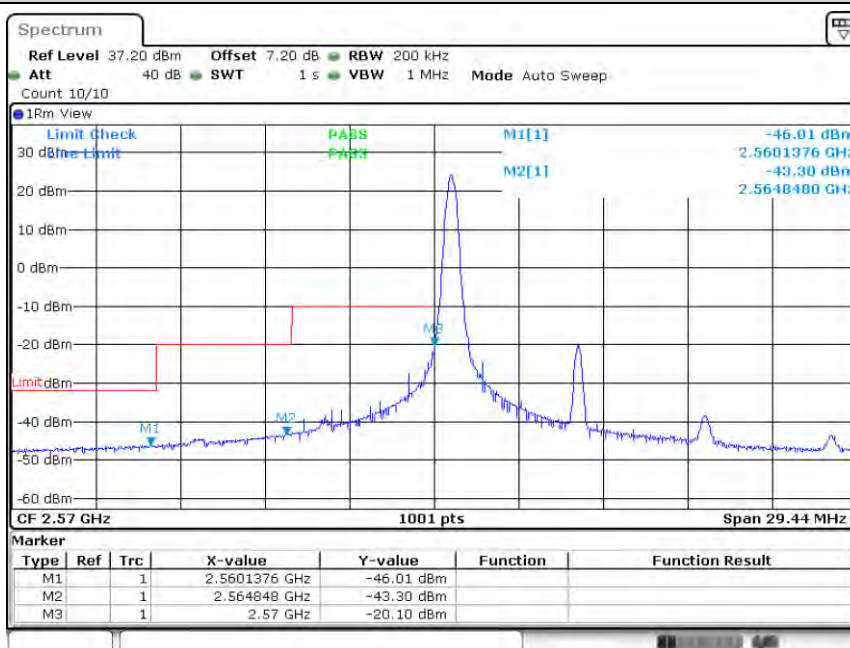
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Band38-10MHz-QPSK-38200-50RB#0



Date: 23 DEC. 2020 20:04:52

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



Date: 23 DEC. 2020 20:26:26

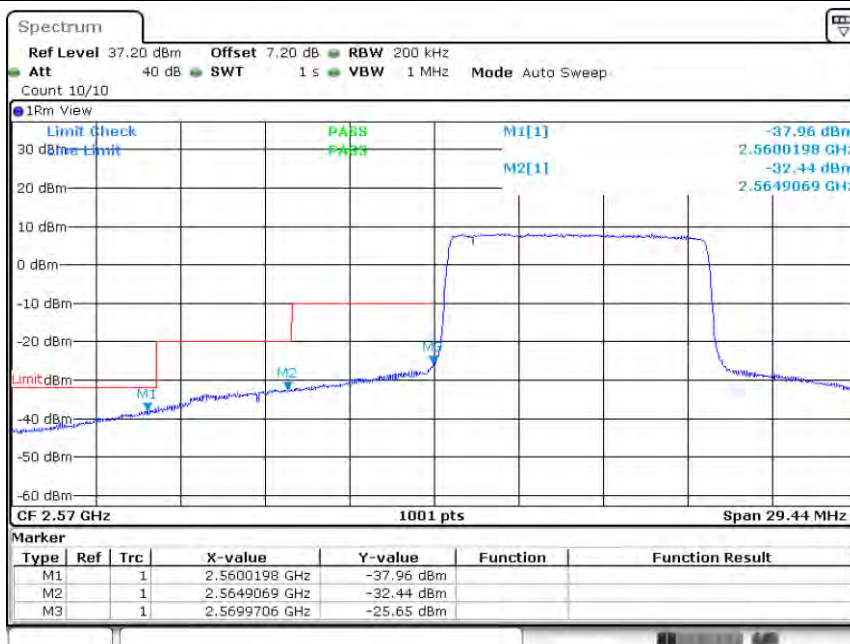


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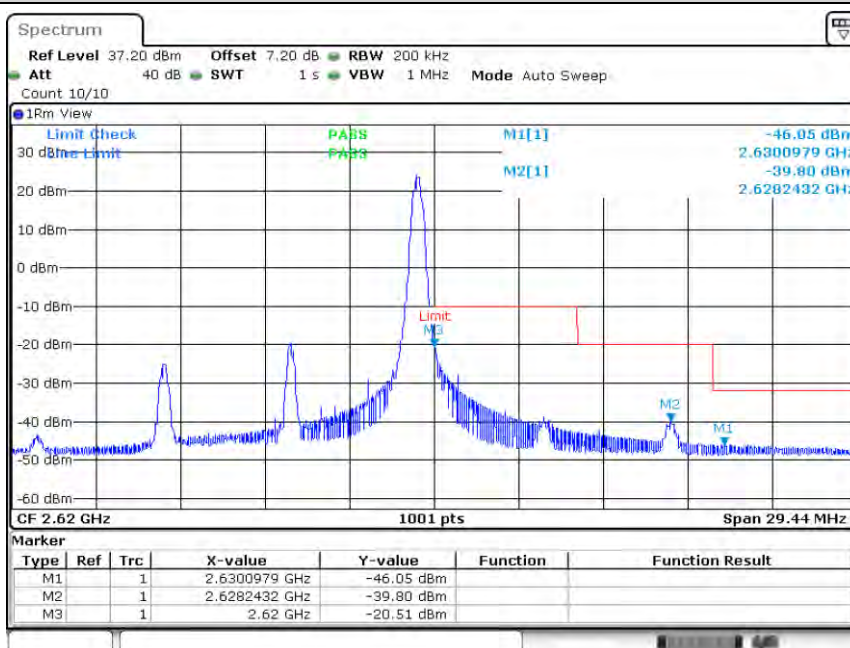


Band38-10MHz-64QAM-37800-50RB#0



Date: 23 DEC. 2020 20:27:20

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



Date: 23 DEC. 2020 20:26:53

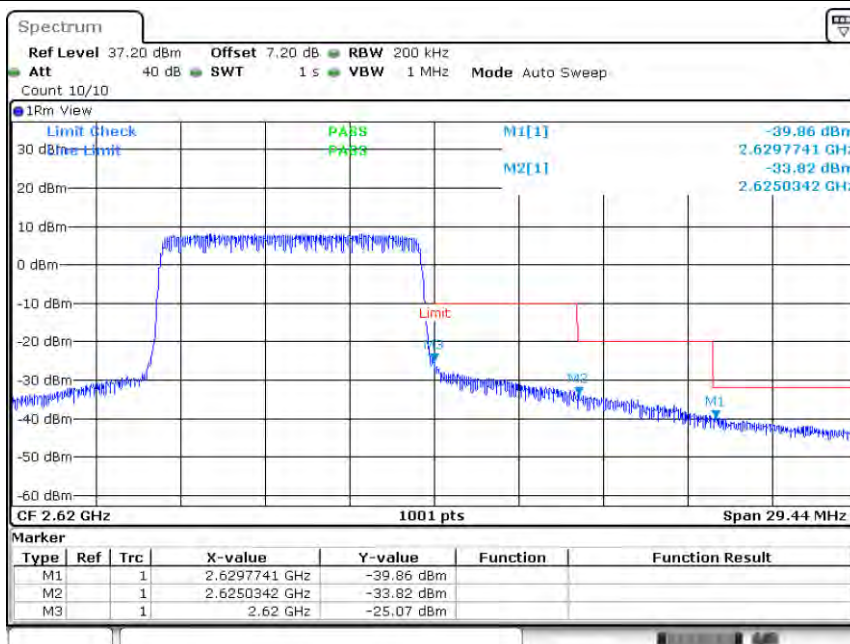


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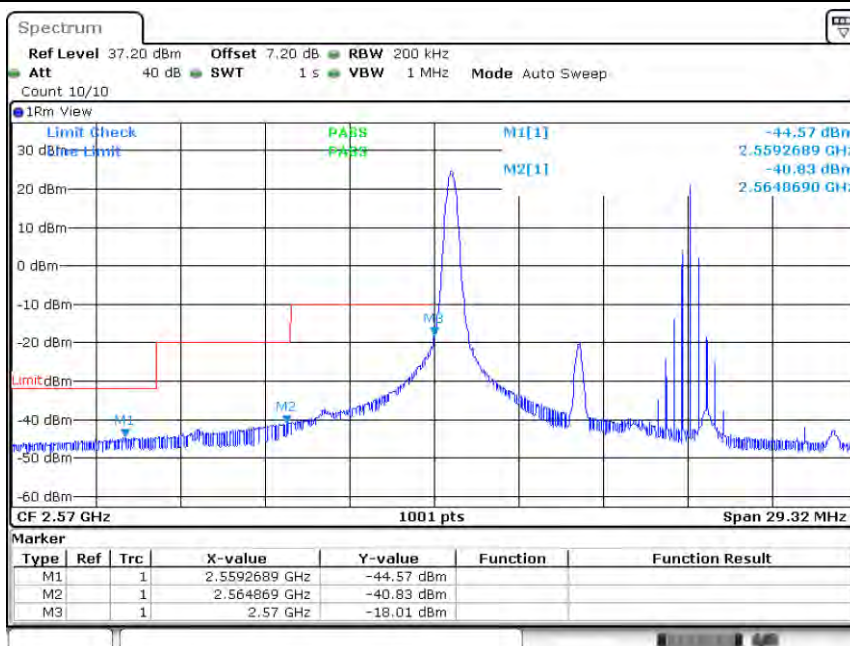


Band38-10MHz-64QAM-38200-50RB#0



Date: 23.DEC.2020 20:27:41

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



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



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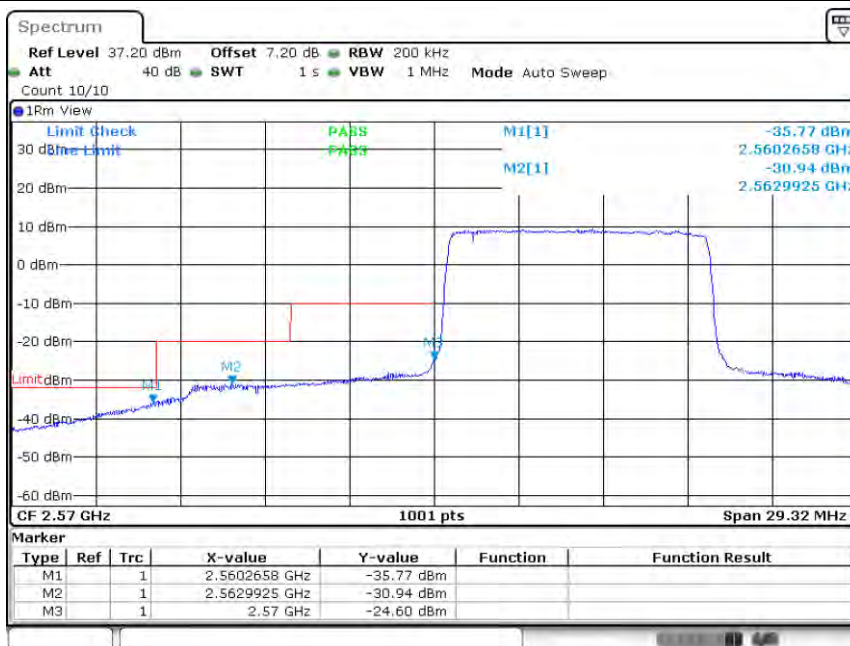
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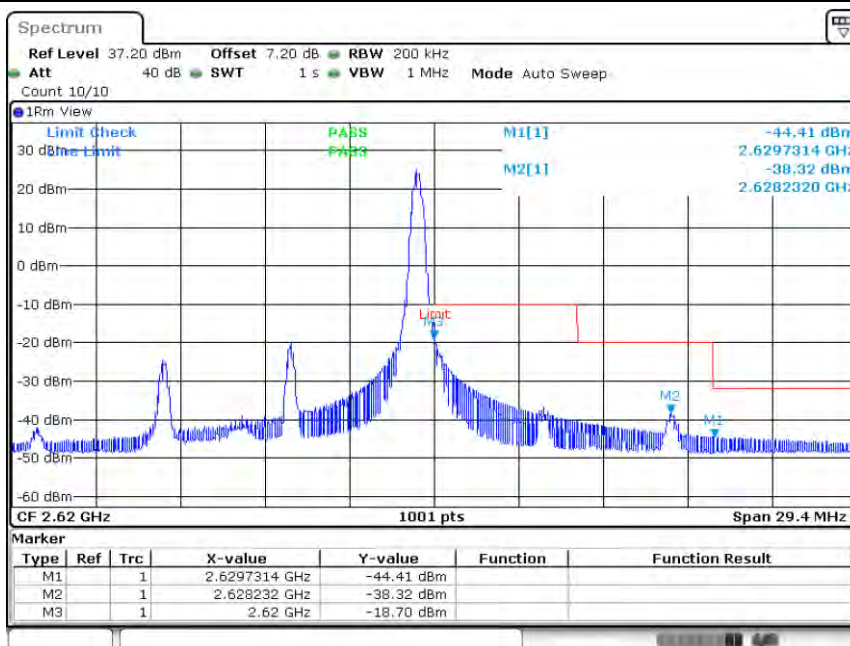


Band38-10MHz-16QAM-37800-50RB#0



Date: 23.DEC.2020 20:04:30

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



Date: 23.DEC.2020 20:03:42

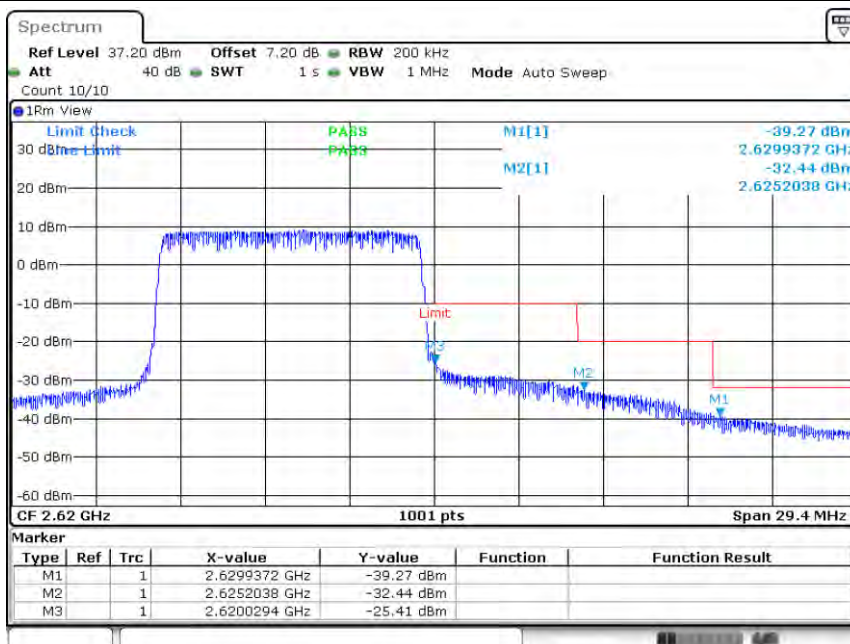


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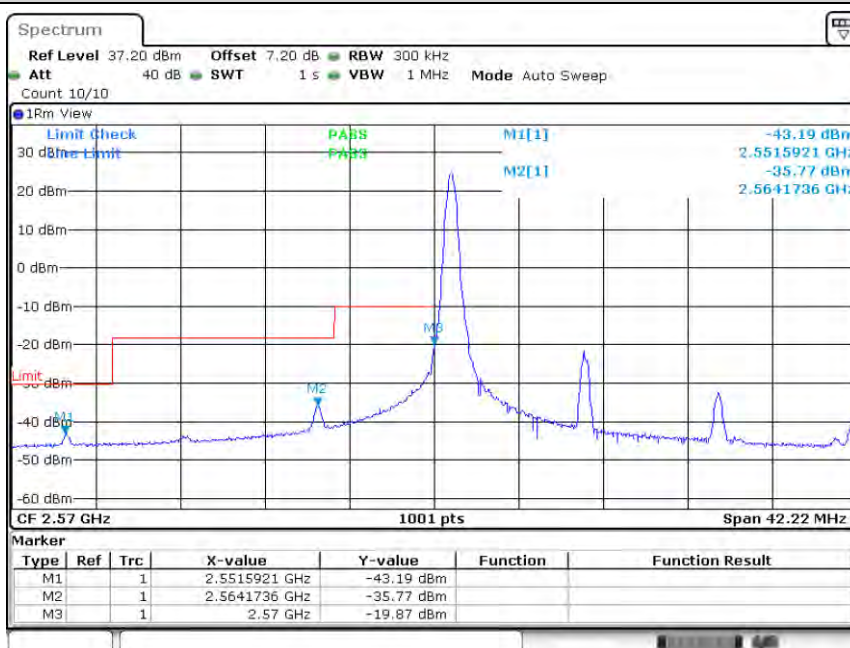
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Band38-10MHz-16QAM-38200-50RB#0



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

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



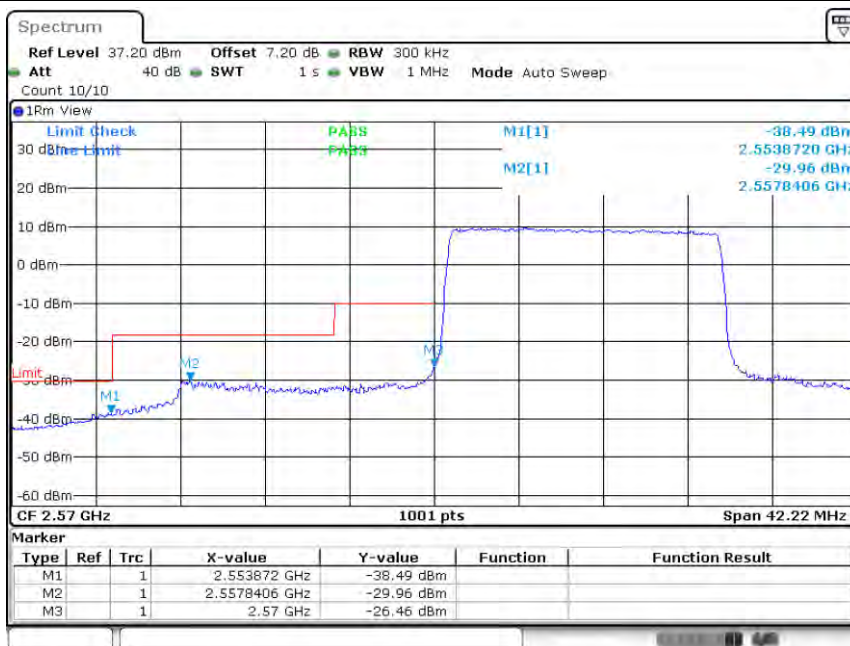
Date: 23.DEC.2020 20:05:43



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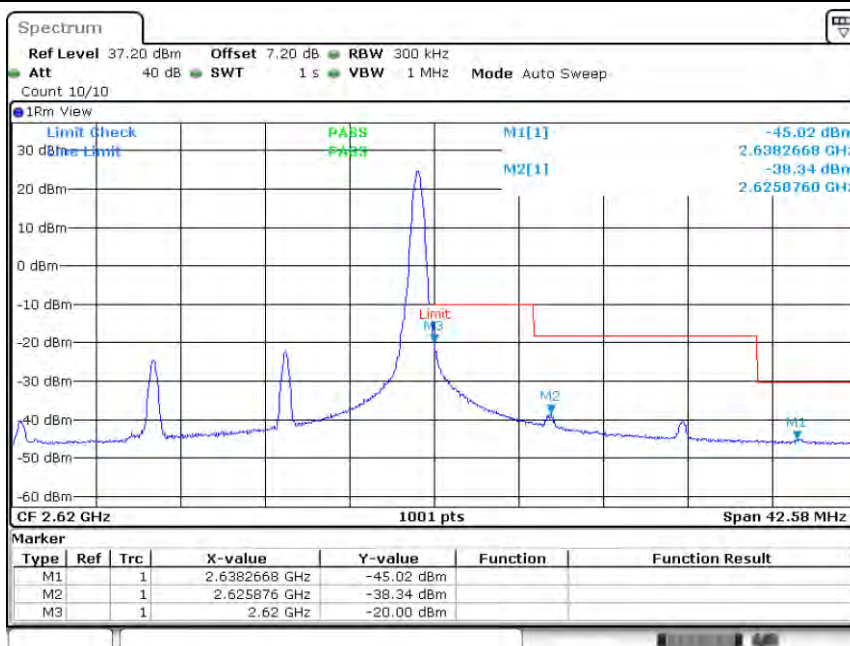
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Band38-15MHz-QPSK-37825-75RB#0



Date: 23 DEC. 2020 20:07:18

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



Date: 23 DEC. 2020 20:06:31

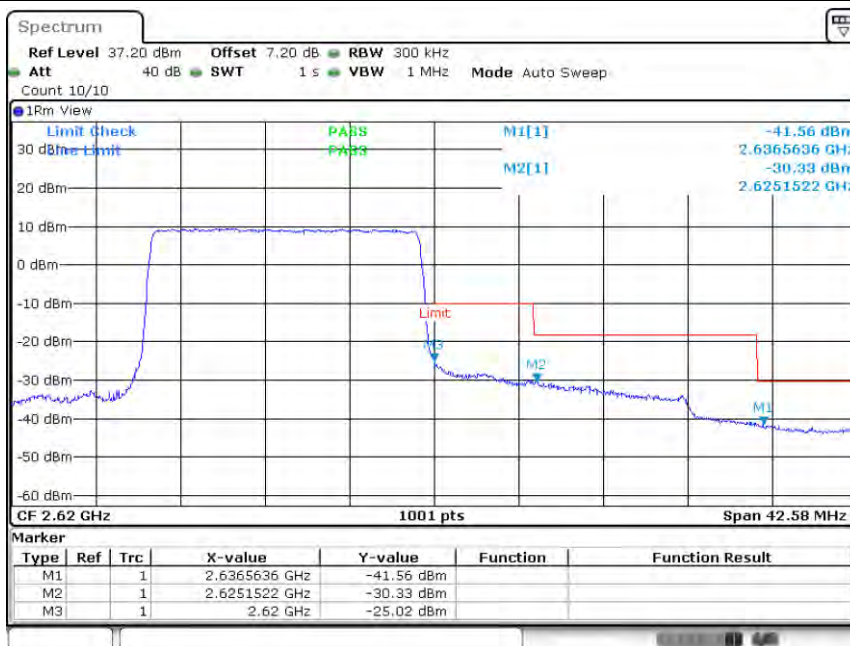


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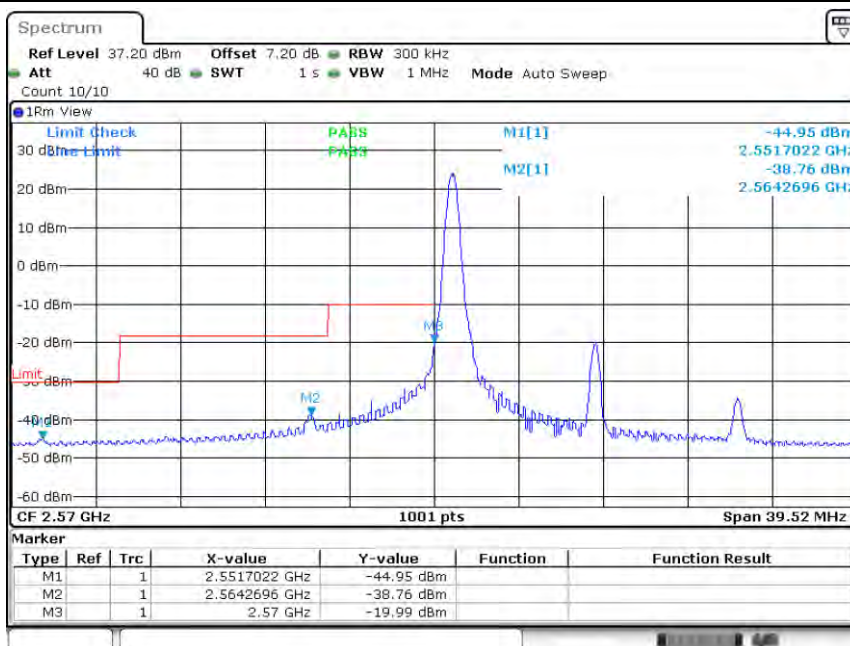


Band38-15MHz-QPSK-38175-75RB#0



Date: 23 DEC. 2020 20:08:02

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



Date: 23 DEC. 2020 20:28:10

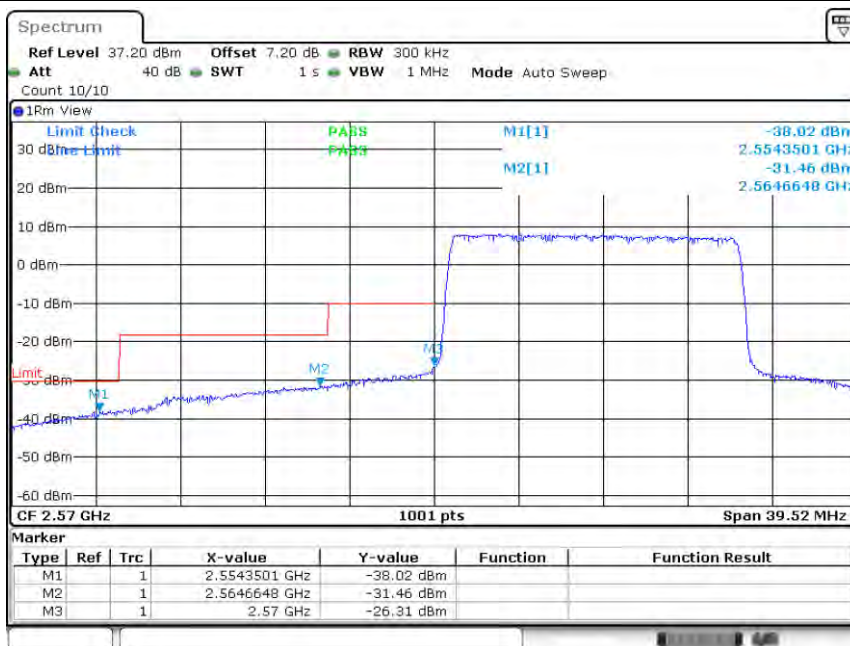


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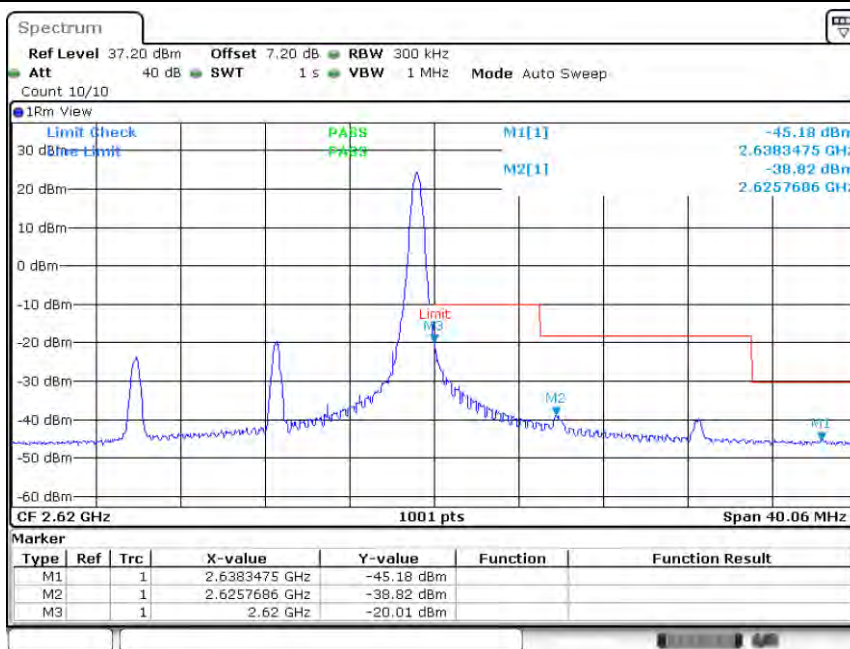


Band38-15MHz-64QAM-37825-75RB#0



Date: 23 DEC. 2020 20:29:03

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



Date: 23 DEC. 2020 20:28:37



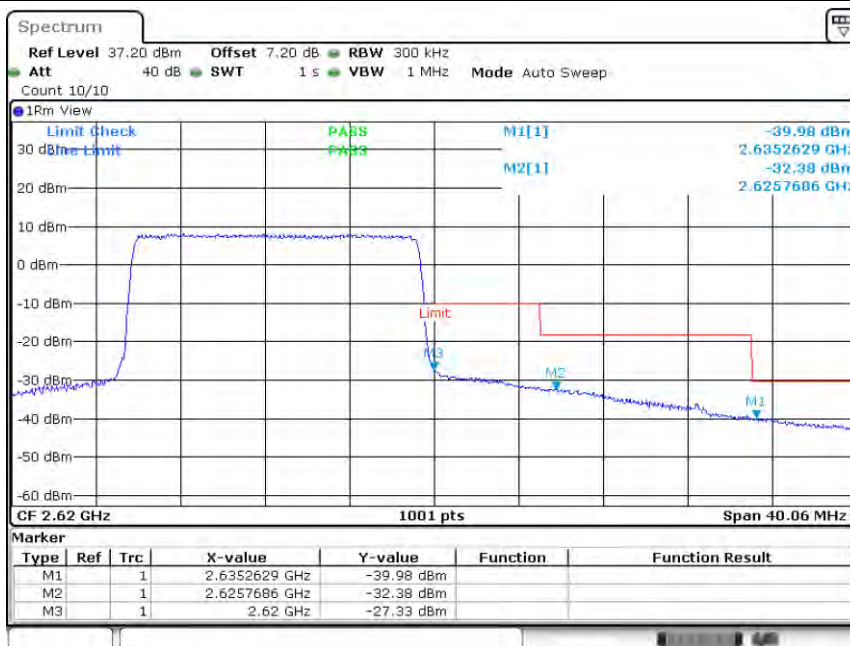
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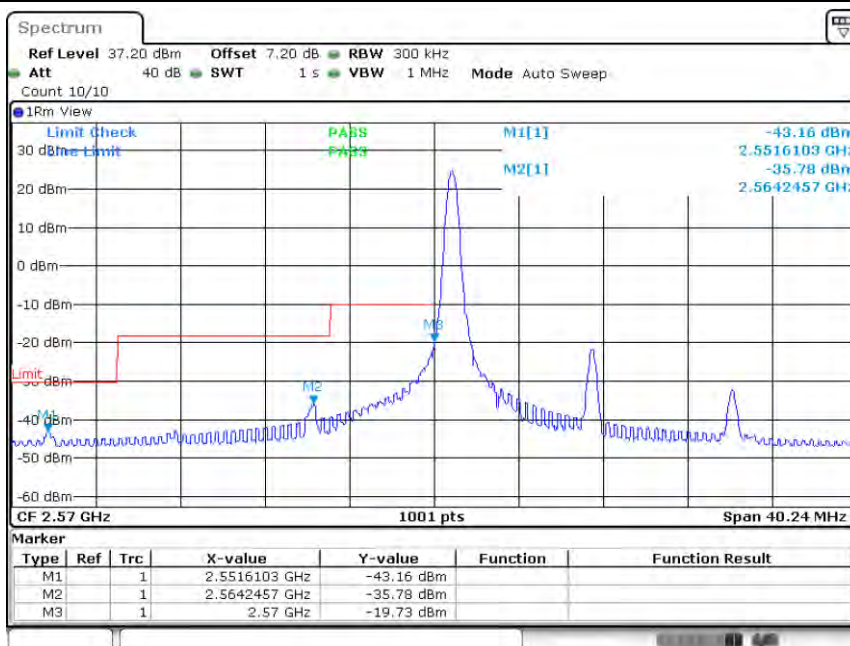


Band38-15MHz-64QAM-38175-75RB#0



Date: 23.DEC.2020 20:29:25

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



Date: 23.DEC.2020 20:06:05

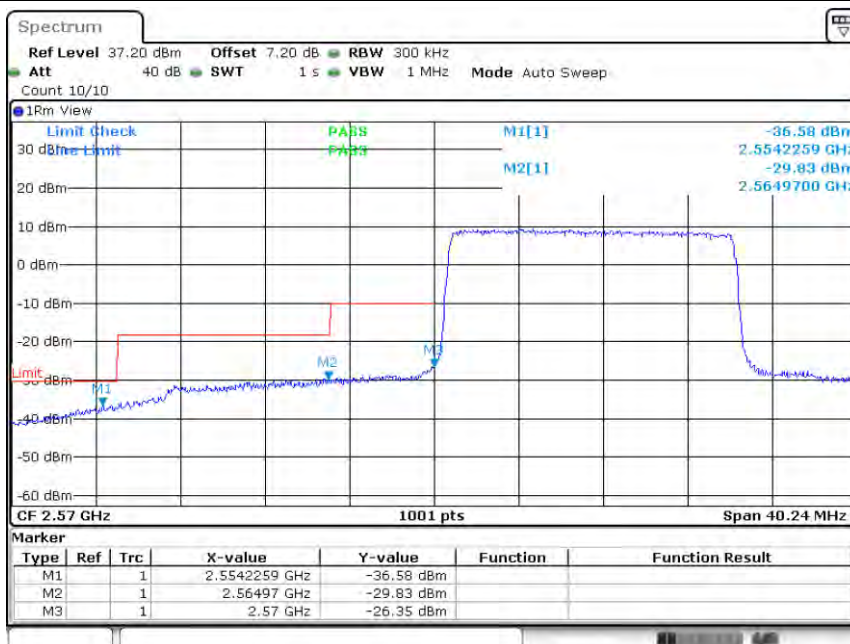


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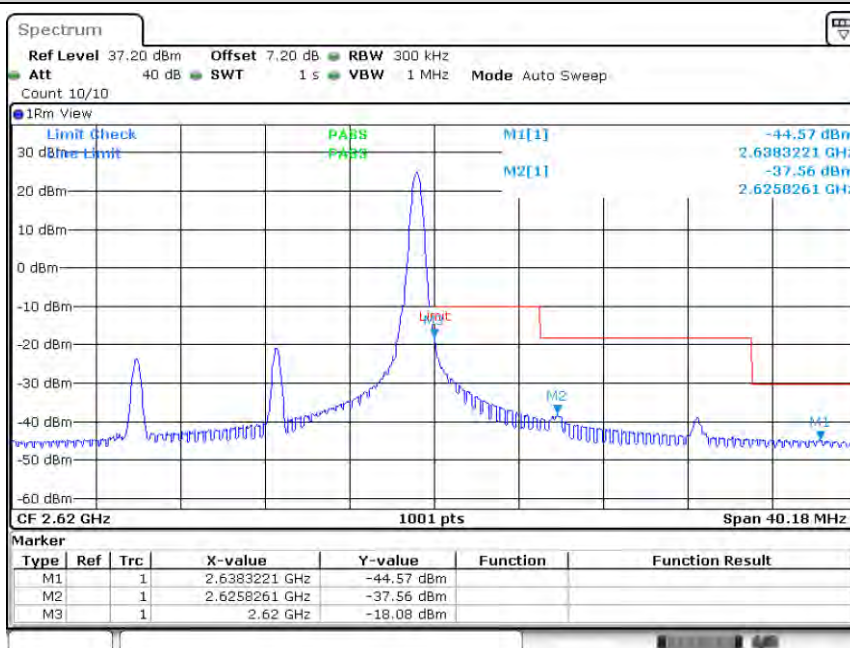


Band38-15MHz-16QAM-37825-75RB#0



Date: 23.DEC.2020 20:07:40

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



Date: 23.DEC.2020 20:06:53

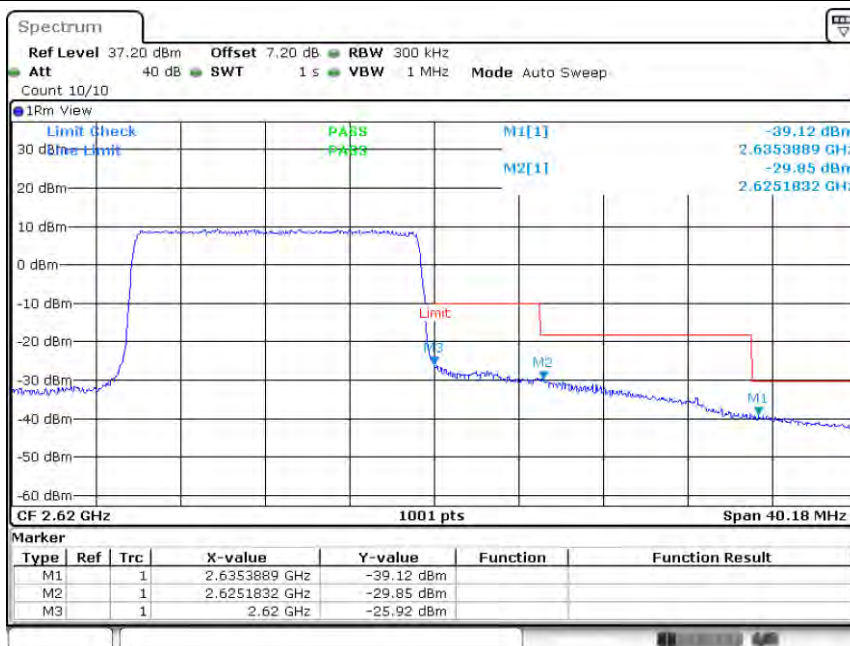


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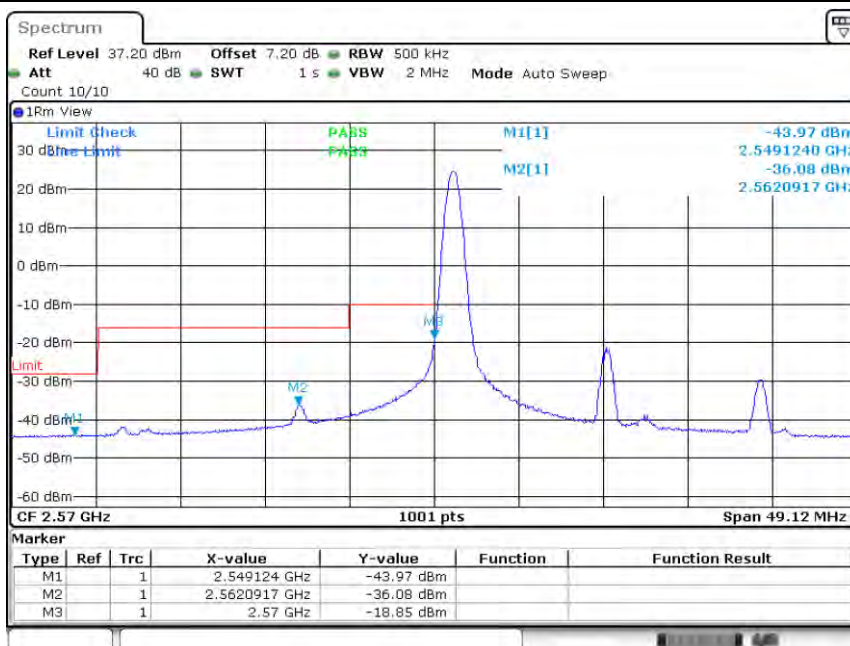


Band38-15MHz-16QAM-38175-75RB#0



Date: 23 DEC. 2020 20:08:24

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



Date: 23 DEC. 2020 20:08:51

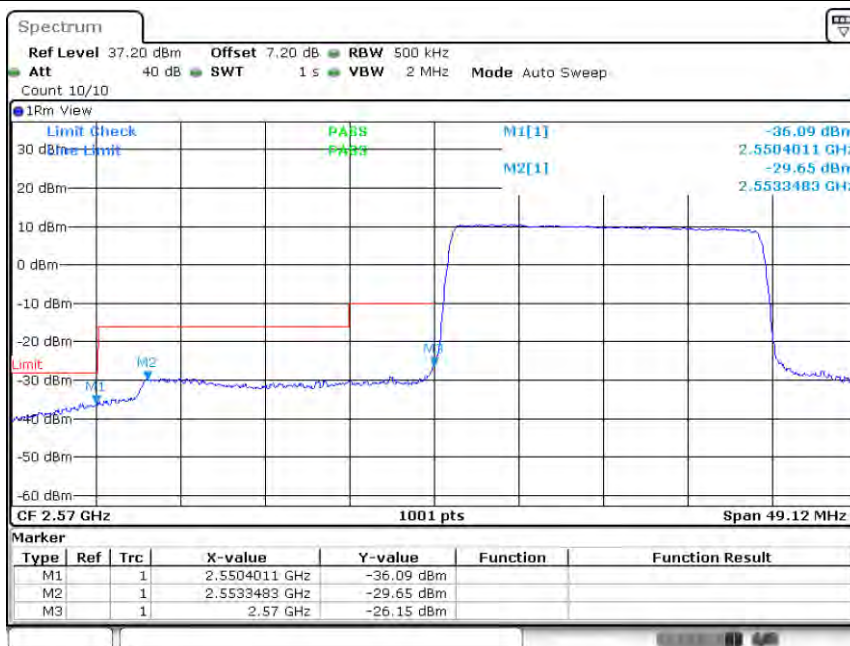


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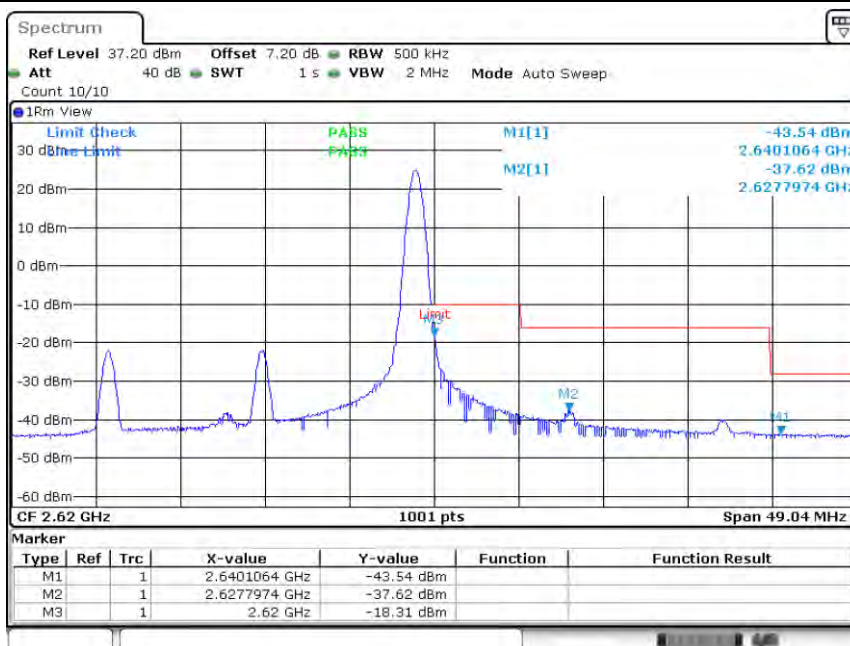


Band38-20MHz-QPSK-37850-100RB#0



Date: 23 DEC. 2020 20:10:31

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



Date: 23 DEC. 2020 20:09:39



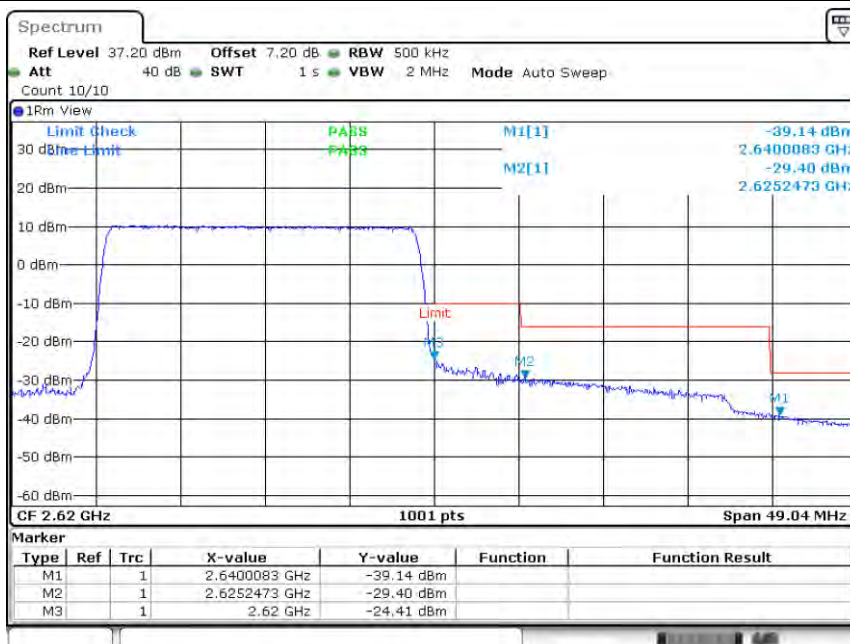
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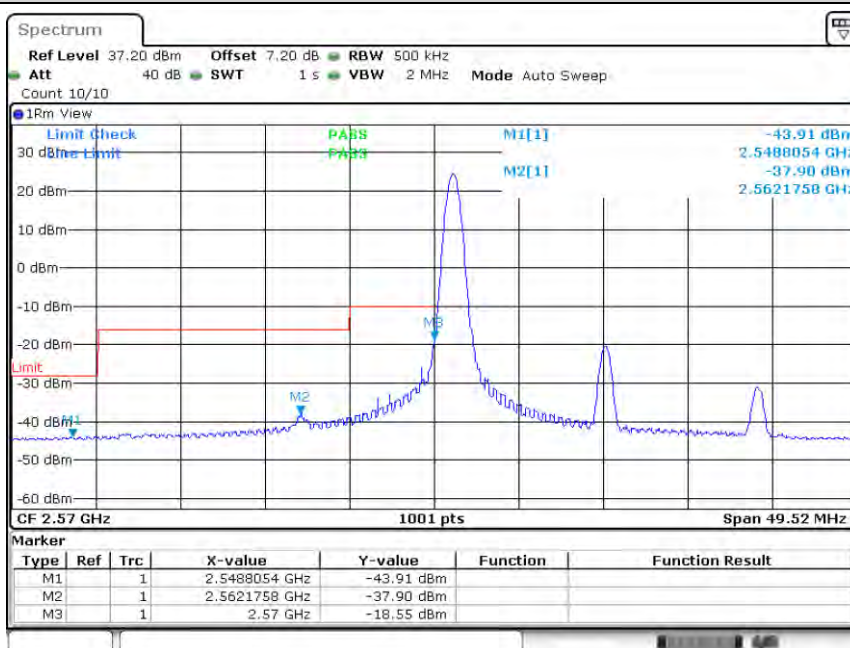
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Band38-20MHz-QPSK-38150-100RB#0



Date: 23 DEC. 2020 20:11:15

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

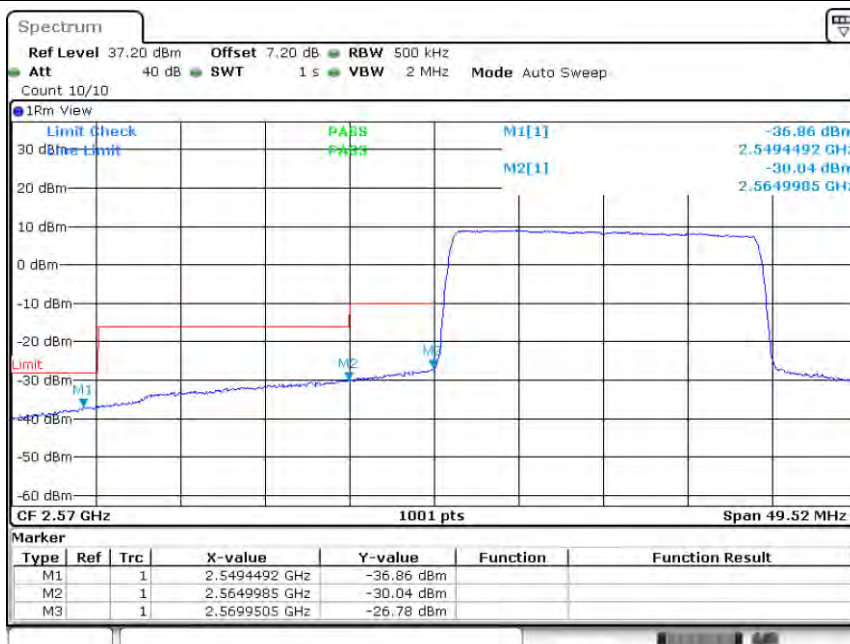


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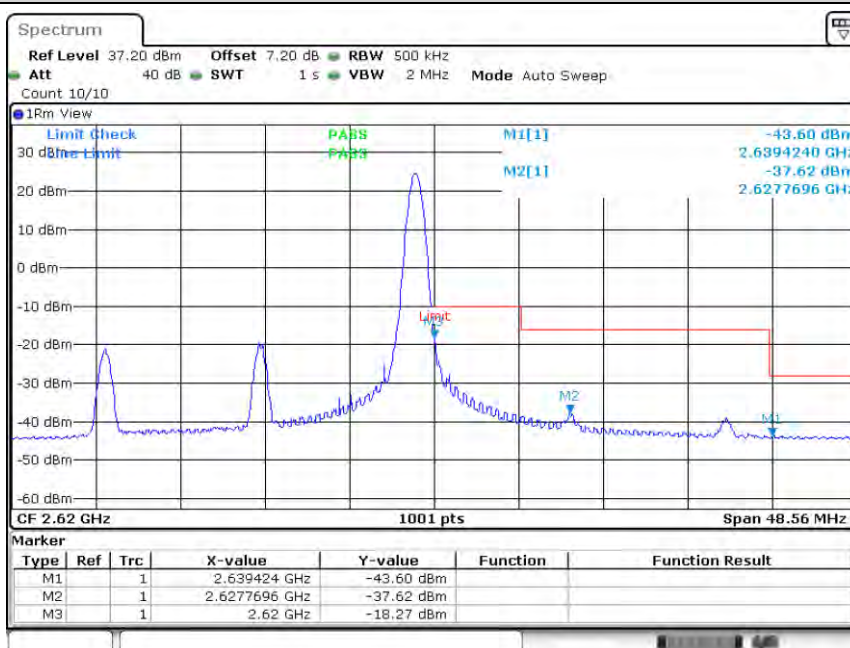


Band38-20MHz-64QAM-37850-100RB#0



Date: 23 DEC. 2020 20:30:50

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



Date: 23 DEC. 2020 20:30:20



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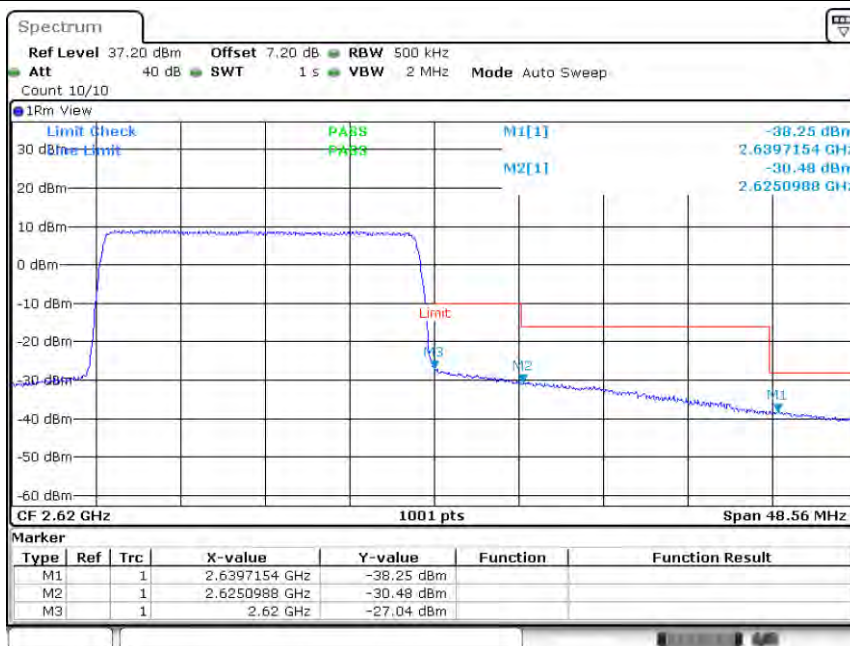
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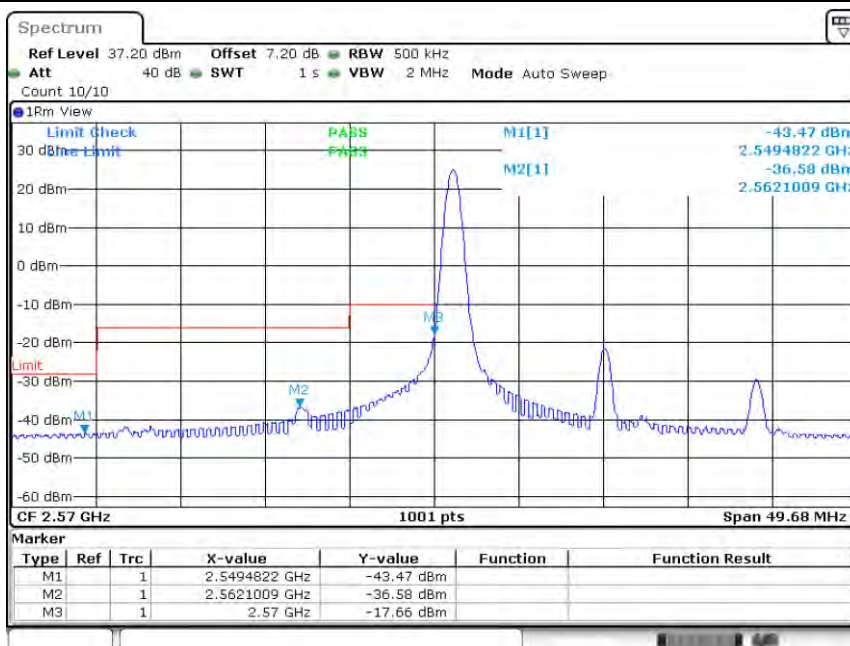


Band38-20MHz-64QAM-38150-100RB#0



Date: 23.DEC.2020 20:31:11

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



Date: 23.DEC.2020 20:09:13



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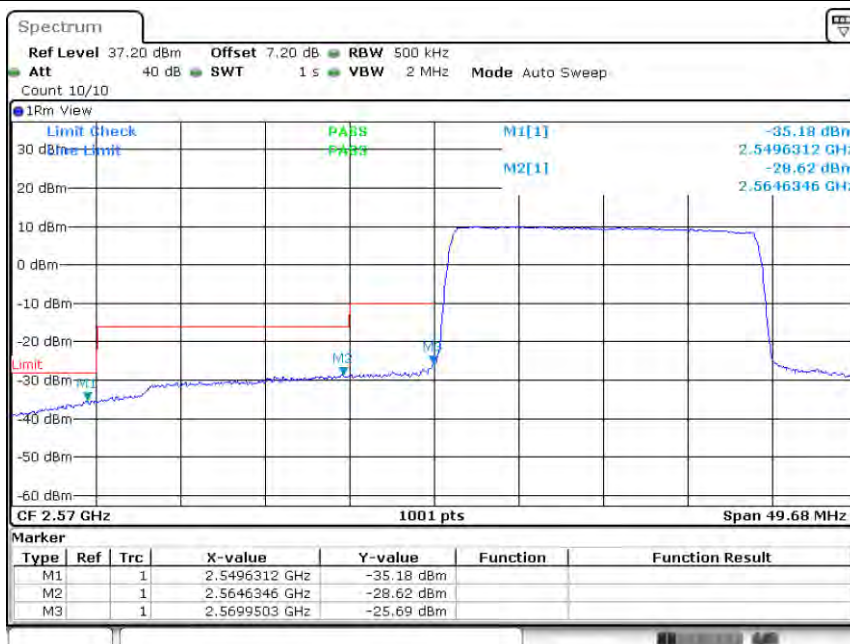
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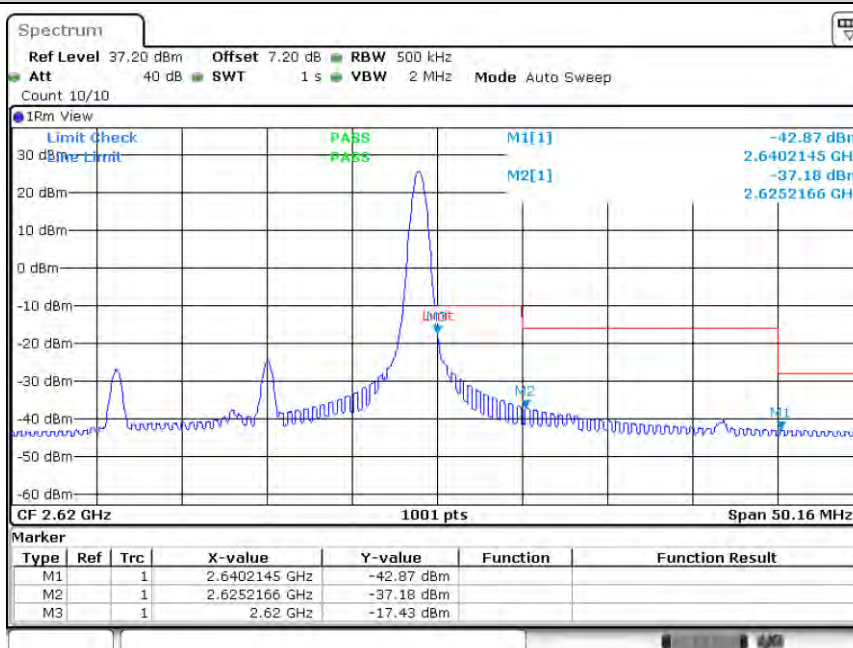


Band38-20MHz-16QAM-37850-100RB#0



Date: 23.DEC.2020 20:10:53

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



Date: 6.JAN.2021 17:05:02



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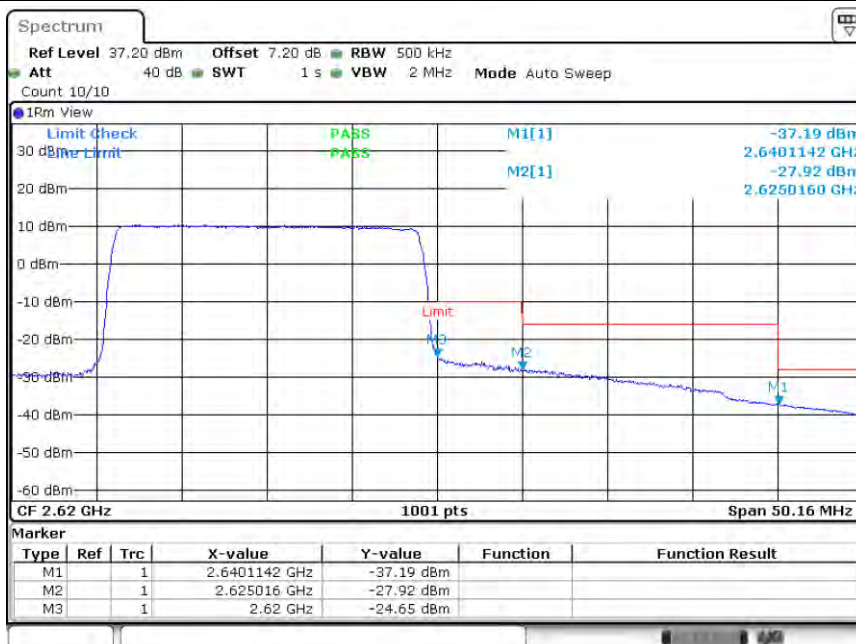
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Band38-20MHz-16QAM-38150-100RB#0



Date: 6 JAN 2021 17:05:56



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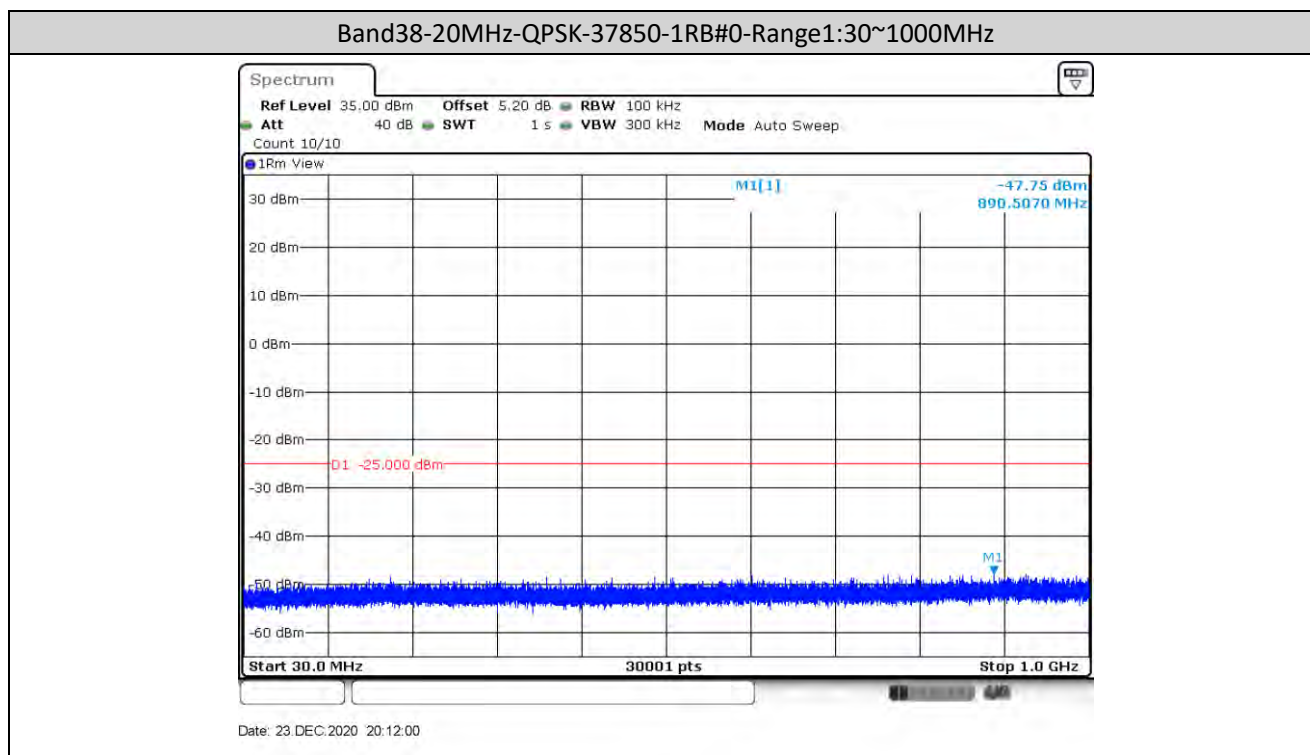


6. Spurious Emission at Antenna Terminal

Remark1: For the averaged unwanted emissions measurements, the measurement points in each sweep is greater than twice the Span/RBW in order to ensure bin-to-bin spacing of $< RBW/2$ so that narrowband signals are not lost between frequency bins. As to the present test item, the "Measurement Points = $k * (\text{Span} / RBW)$ " with k between 4 and 5, which results in an acceptable level error of less than 0.5 dB.

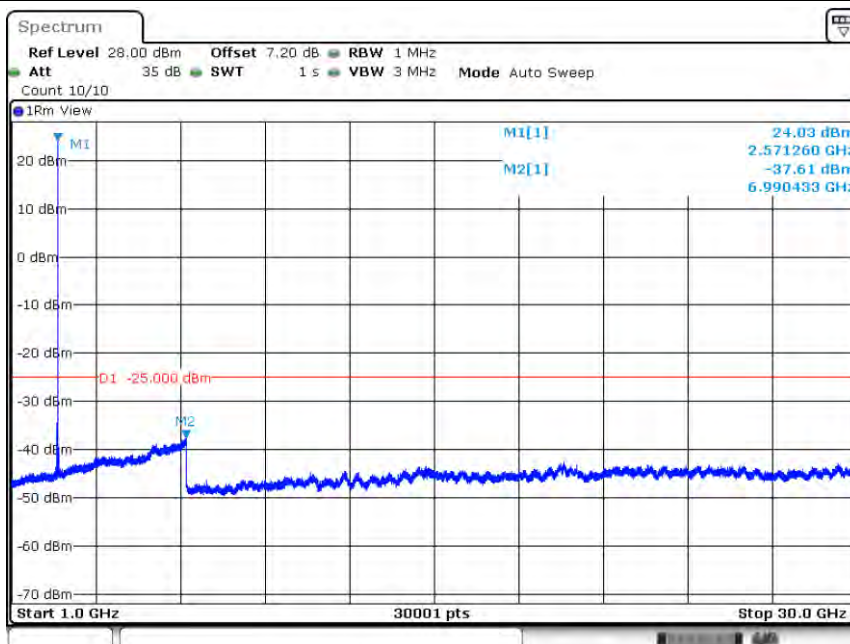
Remark2: only the worst case data displayed in this report.

6.1. Test Plots



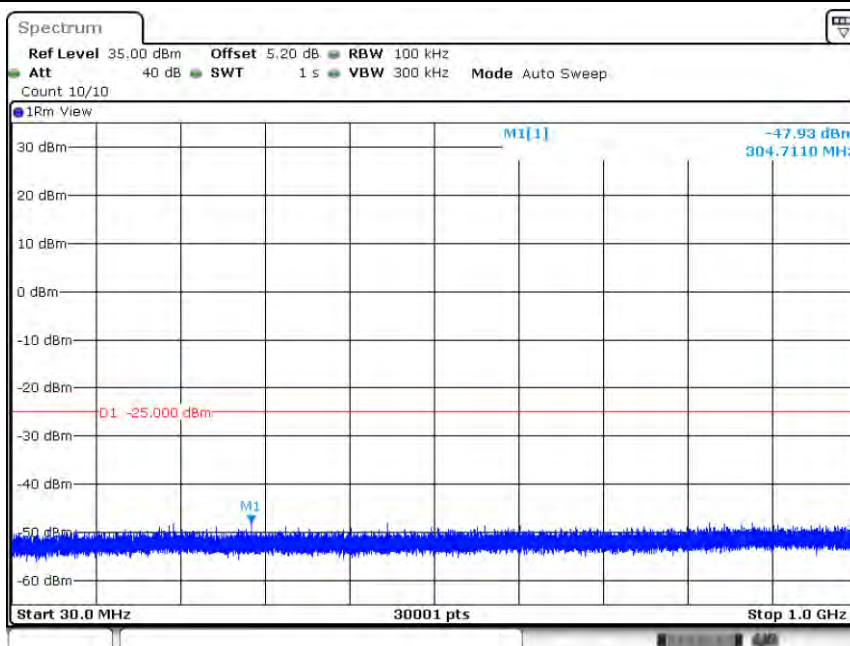


Band38-20MHz-QPSK-37850-1RB#0-Range2:1000~30000MHz



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

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

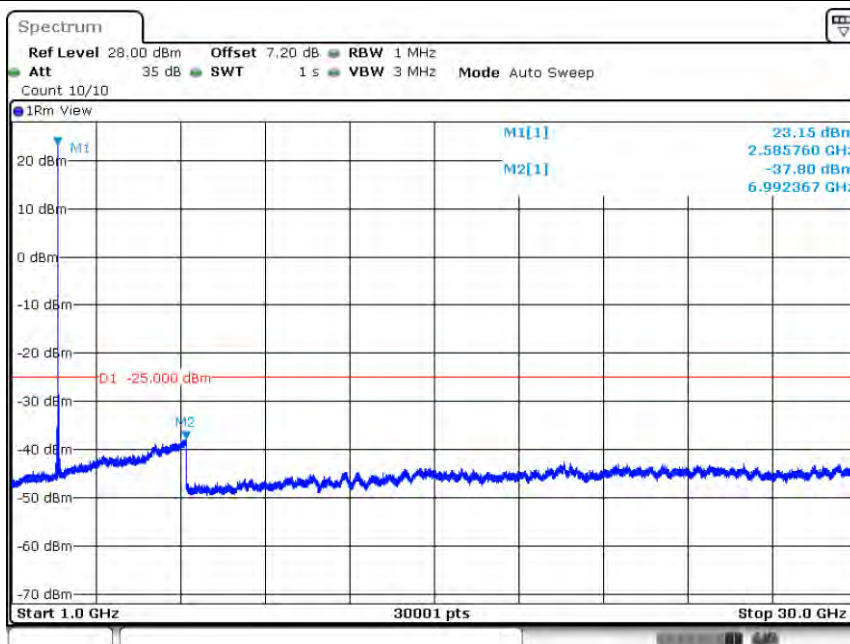


Date: 23.DEC.2020 20:13:11



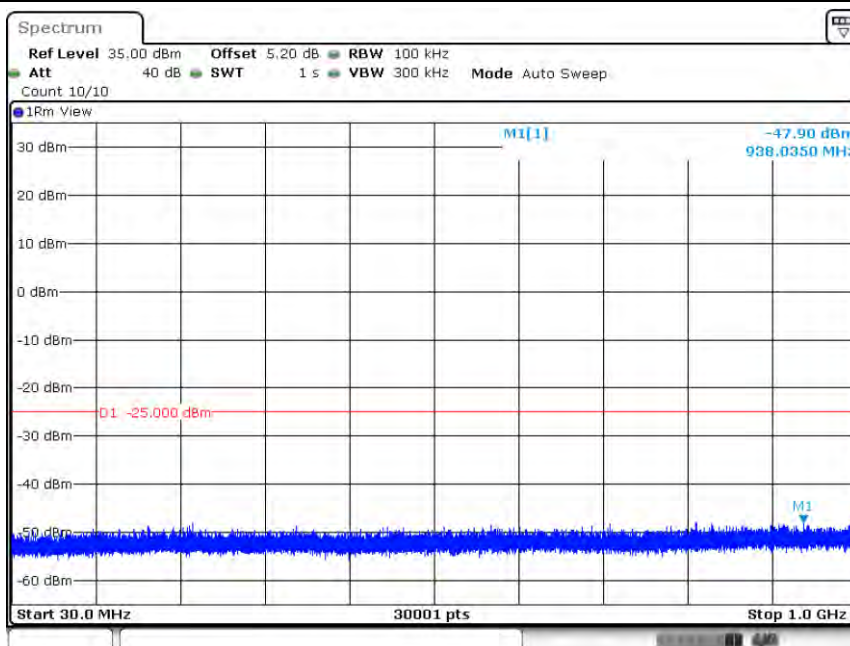


Band38-20MHz-QPSK-38000-1RB#0-Range2:1000~30000MHz



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

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



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



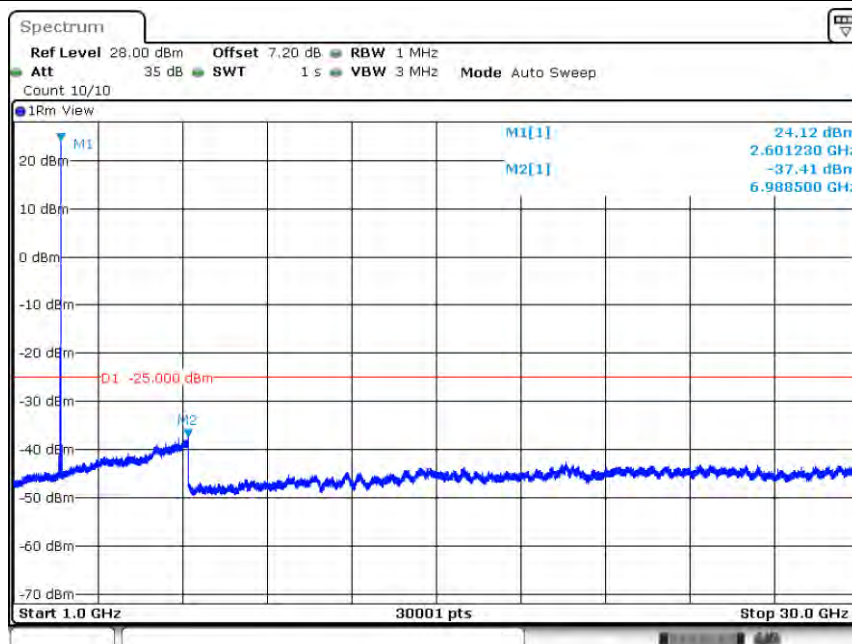
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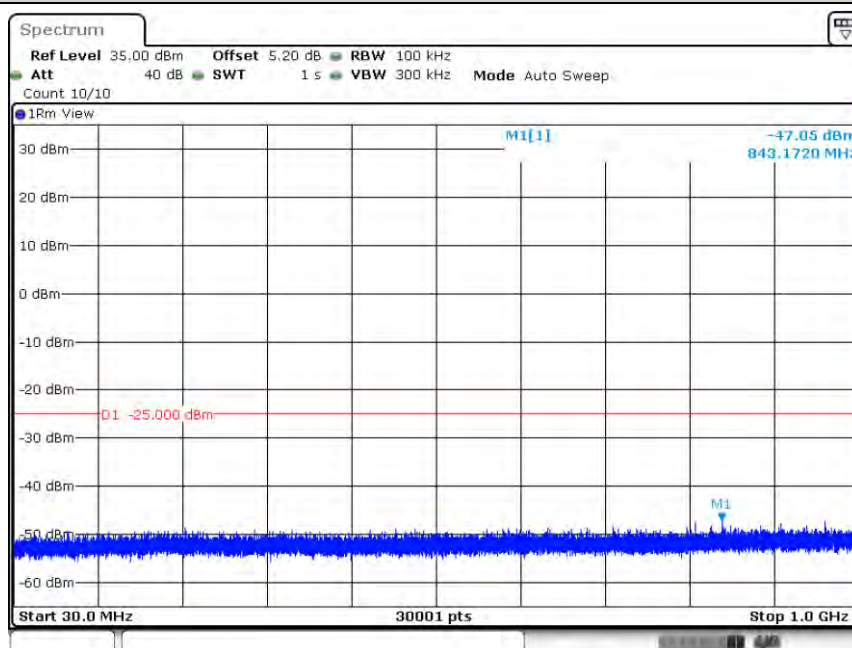
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Band38-20MHz-QPSK-38150-1RB#0-Range2:1000~30000MHz



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

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



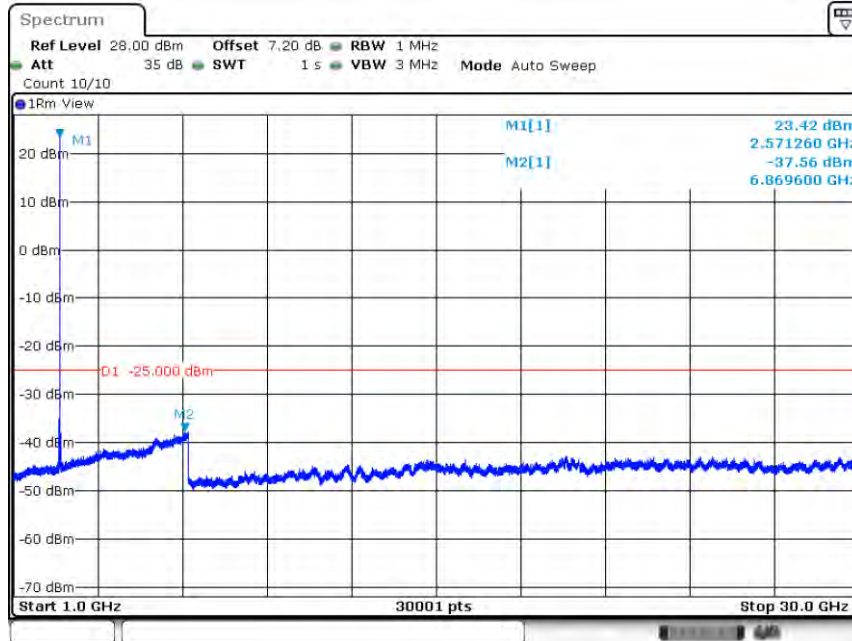
Date: 23.DEC.2020 20:31:35



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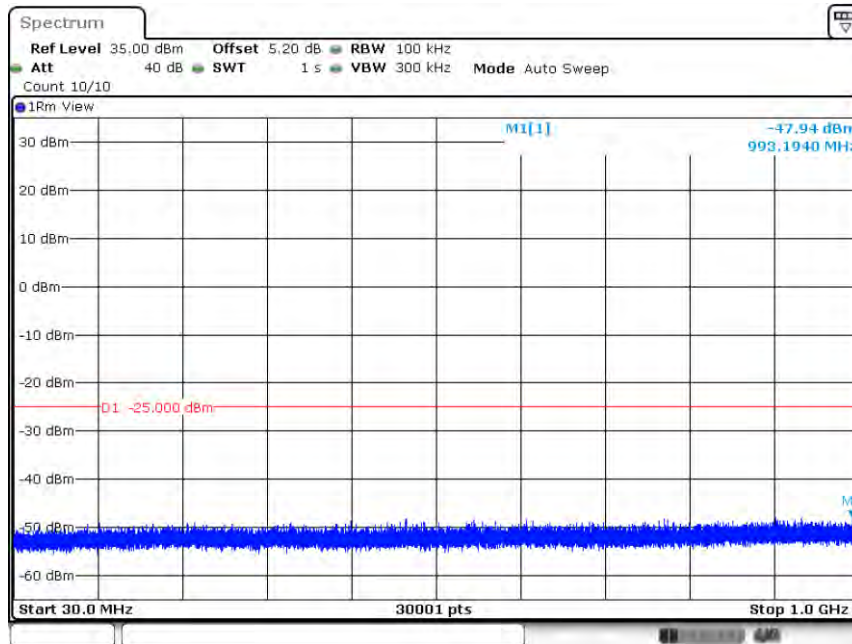
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Band38-20MHz-64QAM-37850-1RB#0-Range2:1000~30000MHz



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

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



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



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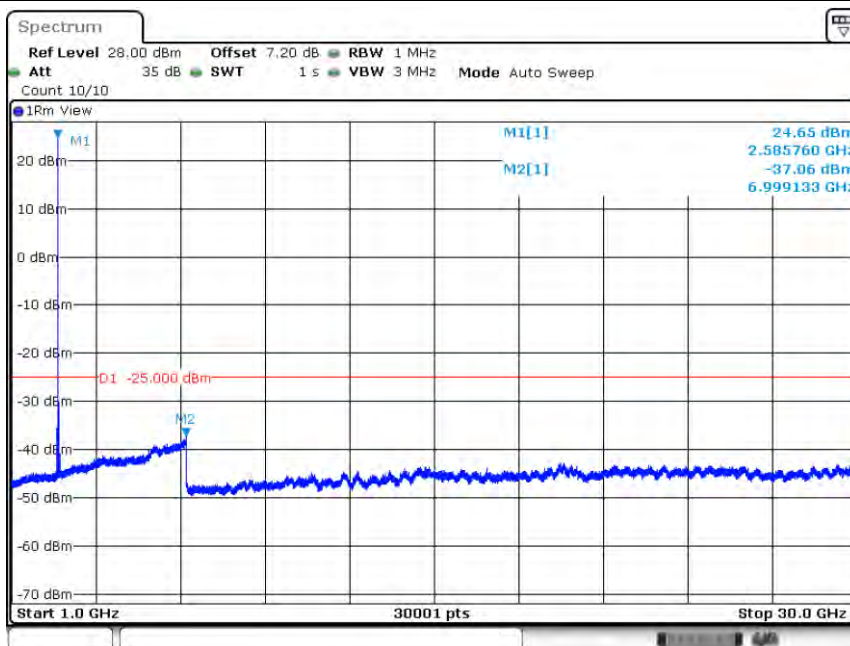
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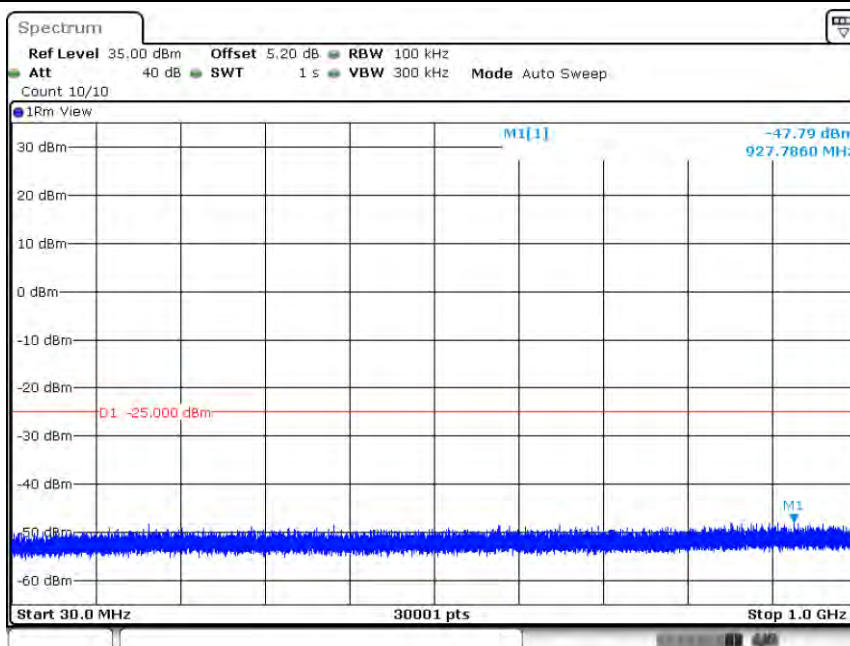


Band38-20MHz-64QAM-38000-1RB#0-Range2:1000~30000MHz



Date: 23 DEC. 2020 20:32:26

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



Date: 23 DEC. 2020 20:32:45



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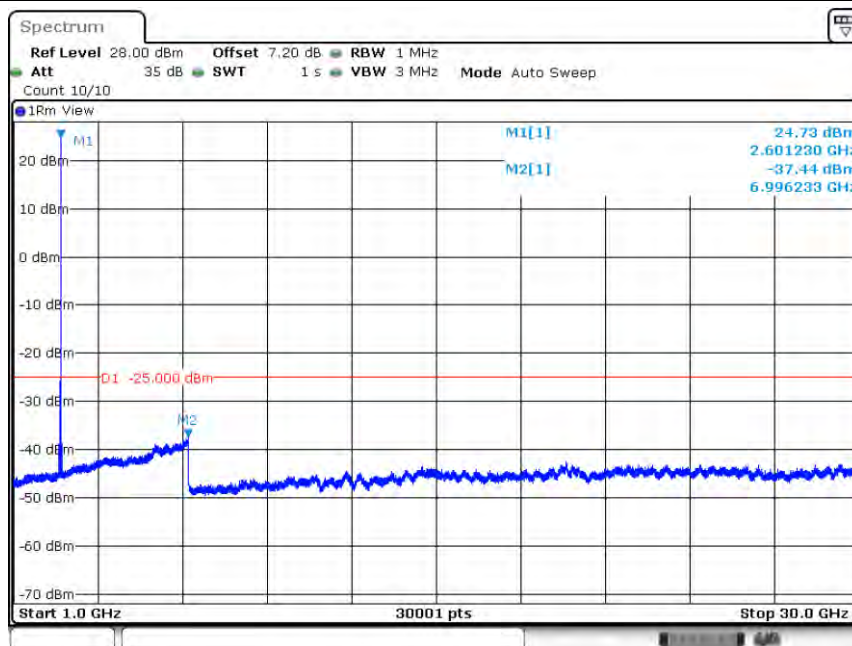
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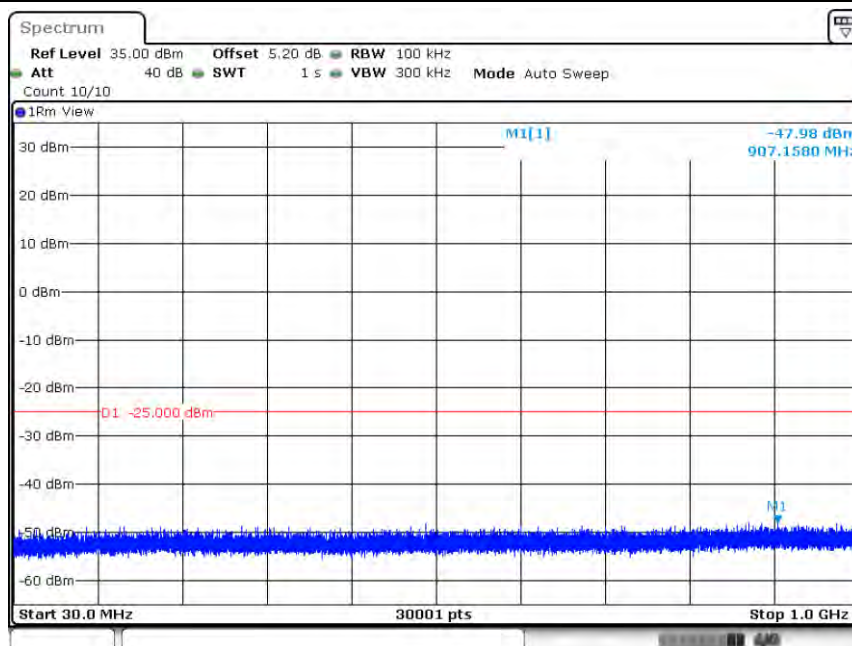


Band38-20MHz-64QAM-38150-1RB#0-Range2:1000~30000MHz



Date: 23.DEC.2020 20:33:01

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

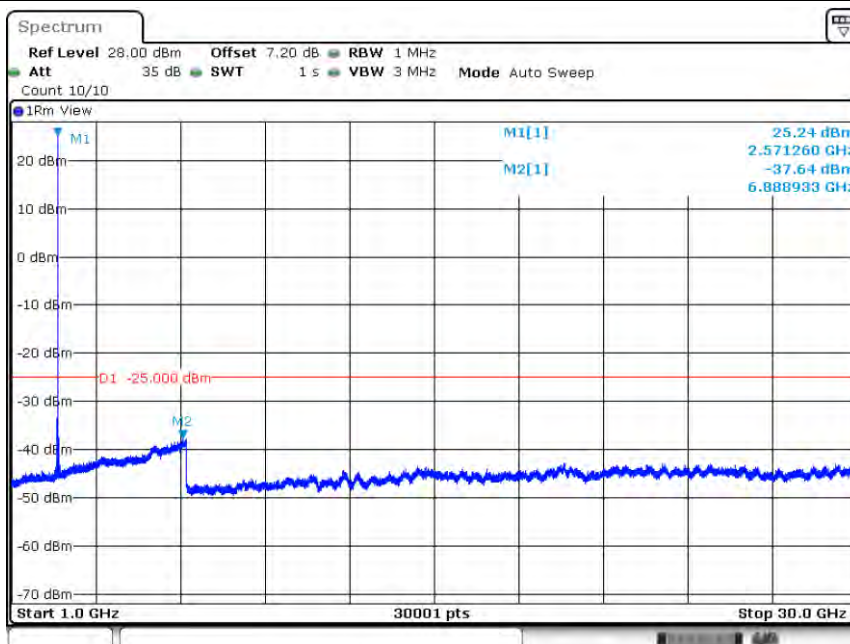


Date: 23.DEC.2020 20:12:35



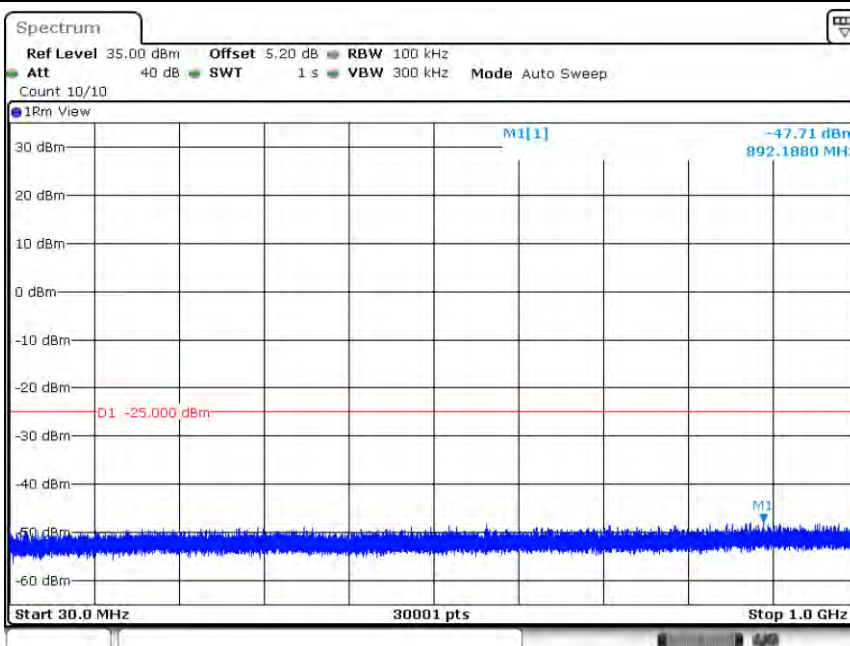
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Band38-20MHz-16QAM-37850-1RB#0-Range2:1000~30000MHz



Date: 23.DEC.2020 20:12:52

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



Date: 23.DEC.2020 20:13:46

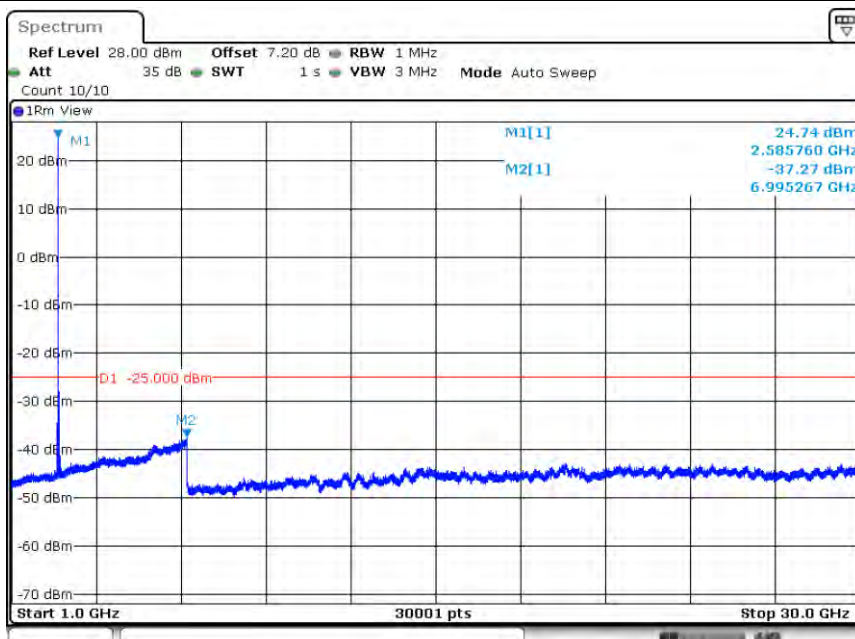


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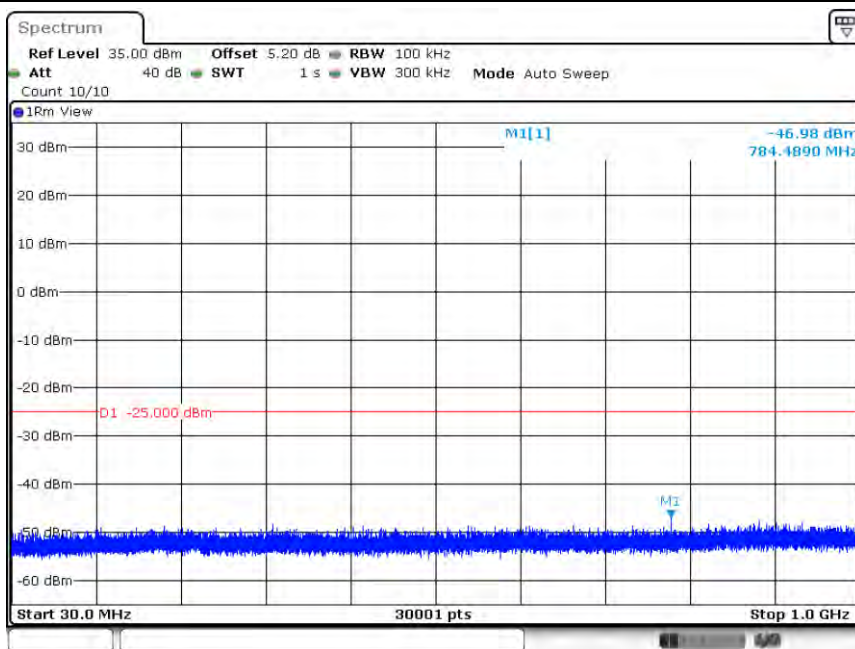


Band38-20MHz-16QAM-38000-1RB#0-Range2:1000~30000MHz



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

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



Date: 23.DEC.2020 20:14:57

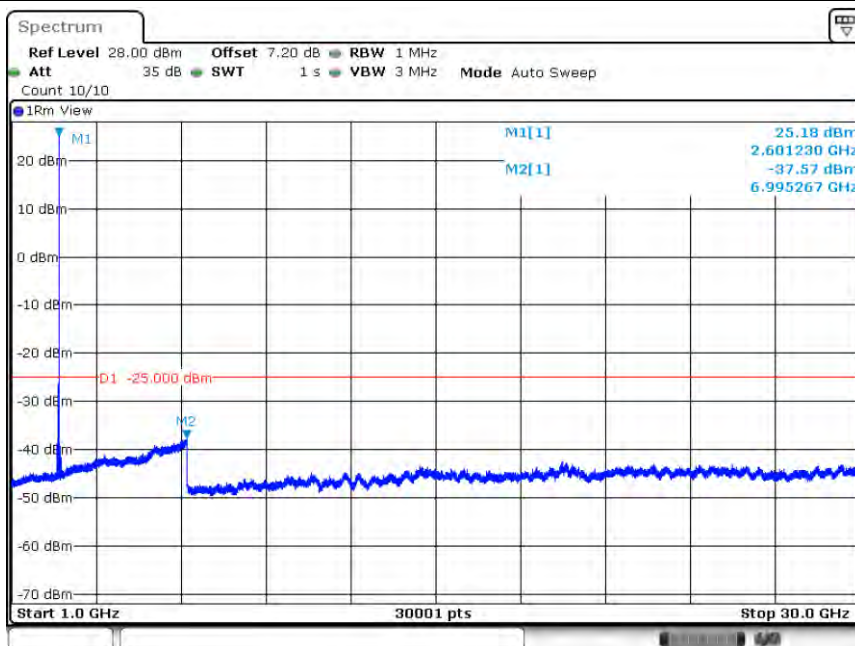


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Band38-20MHz-16QAM-38150-1RB#0-Range2:1000~30000MHz



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7. Field Strength of Spurious Radiation

7.1. Test Band = LTE_38_TM1 MAIN

7.1.1. Test Channel = Low Channel

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





7.2. Test Band = LTE_38_TM1 MAIN

7.2.1. Test Channel = Low Channel

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





7.3. Test Band = LTE_38_TM1 MAIN

7.3.1. Test Channel = Mid Channel

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





7.4. Test Band = LTE_38_TM1 MAIN

7.4.1. Test Channel = Mid Channel

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





7.5. Test Band = LTE_38_TM1 MAIN

7.5.1. Test Channel = High Channel

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





7.6. Test Band = LTE_38_TM1 MAIN

7.6.1. Test Channel = High Channel

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



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7.7. Test Band = LTE_38_TM1 DIV

7.7.1. Test Channel = Low Channel

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





7.8. Test Band = LTE_38_TM1 DIV

7.8.1. Test Channel = Low Channel

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





7.9. Test Band = LTE_38_TM1 DIV

7.9.1. Test Channel = Mid Channel

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





7.10. Test Band = LTE_38_TM1 DIV
7.10.1. Test Channel = Mid Channel

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





7.11. Test Band = LTE_38_TM1 DIV
7.11.1. Test Channel = High Channel

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





7.12. Test Band = LTE_38_TM1 DIV

7.12.1. Test Channel = High Channel

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

Remark:

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





8. Frequency Stability

8.1. Frequency Vs Voltage

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	-14.90	-0.005775	±2.5	PASS
Band38	20MHz	QPSK	37850	100RB#0	VN	NT	-10.20	-0.003953	±2.5	PASS
Band38	20MHz	QPSK	37850	100RB#0	VH	NT	-17.10	-0.006628	±2.5	PASS
Band38	20MHz	QPSK	38000	100RB#0	VL	NT	-9.80	-0.003776	±2.5	PASS
Band38	20MHz	QPSK	38000	100RB#0	VN	NT	-16.70	-0.006435	±2.5	PASS
Band38	20MHz	QPSK	38000	100RB#0	VH	NT	-15.90	-0.006127	±2.5	PASS
Band38	20MHz	QPSK	38150	100RB#0	VL	NT	-15.70	-0.006015	±2.5	PASS
Band38	20MHz	QPSK	38150	100RB#0	VN	NT	-31.40	-0.012031	±2.5	PASS
Band38	20MHz	QPSK	38150	100RB#0	VH	NT	-9.20	-0.003525	±2.5	PASS
Band38	20MHz	16QAM	37850	100RB#0	VL	NT	-11.90	-0.004612	±2.5	PASS
Band38	20MHz	16QAM	37850	100RB#0	VN	NT	-14.40	-0.005581	±2.5	PASS
Band38	20MHz	16QAM	37850	100RB#0	VH	NT	-15.90	-0.006163	±2.5	PASS
Band38	20MHz	16QAM	38000	100RB#0	VL	NT	-16.60	-0.006397	±2.5	PASS
Band38	20MHz	16QAM	38000	100RB#0	VN	NT	-6.40	-0.002466	±2.5	PASS
Band38	20MHz	16QAM	38000	100RB#0	VH	NT	-11.10	-0.004277	±2.5	PASS
Band38	20MHz	16QAM	38150	100RB#0	VL	NT	-17.10	-0.006552	±2.5	PASS
Band38	20MHz	16QAM	38150	100RB#0	VN	NT	-13.80	-0.005287	±2.5	PASS
Band38	20MHz	16QAM	38150	100RB#0	VH	NT	-0.60	-0.000230	±2.5	PASS
Band38	20MHz	64QAM	37850	100RB#0	VL	NT	-14.60	-0.005659	±2.5	PASS
Band38	20MHz	64QAM	37850	100RB#0	VN	NT	-18.20	-0.007054	±2.5	PASS
Band38	20MHz	64QAM	37850	100RB#0	VH	NT	-15.80	-0.006124	±2.5	PASS
Band38	20MHz	64QAM	38000	100RB#0	VL	NT	-16.10	-0.006204	±2.5	PASS
Band38	20MHz	64QAM	38000	100RB#0	VN	NT	-13.70	-0.005279	±2.5	PASS
Band38	20MHz	64QAM	38000	100RB#0	VH	NT	-17.30	-0.006667	±2.5	PASS
Band38	20MHz	64QAM	38150	100RB#0	VL	NT	-15.80	-0.006054	±2.5	PASS
Band38	20MHz	64QAM	38150	100RB#0	VN	NT	-15.70	-0.006015	±2.5	PASS
Band38	20MHz	64QAM	38150	100RB#0	VH	NT	-21.70	-0.008314	±2.5	PASS



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8.2. Frequency Vs Temperature

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



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



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



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