



Appendix B

E-UTRA Band 38



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1 Effective (Isotropic) Radiated Power

1.1. Test Result

ANT2:

Band	Bandwidth	Modulation	Channel	RB Config.	Result (dBm)	EIRP (dBm)	Limit (dBm)	Verdict
Band38	5MHz	QPSK	37775	1RB#0	24.59	22.39	33.00	PASS
Band38	5MHz	QPSK	37775	1RB#12	24.67	22.47	33.00	PASS
Band38	5MHz	QPSK	37775	1RB#24	24.57	22.37	33.00	PASS
Band38	5MHz	QPSK	37775	12RB#0	23.74	21.54	33.00	PASS
Band38	5MHz	QPSK	37775	12RB#6	23.75	21.55	33.00	PASS
Band38	5MHz	QPSK	37775	12RB#13	23.72	21.52	33.00	PASS
Band38	5MHz	QPSK	37775	25RB#0	23.70	21.50	33.00	PASS
Band38	5MHz	QPSK	38000	1RB#0	24.49	22.29	33.00	PASS
Band38	5MHz	QPSK	38000	1RB#12	24.65	22.45	33.00	PASS
Band38	5MHz	QPSK	38000	1RB#24	24.58	22.38	33.00	PASS
Band38	5MHz	QPSK	38000	12RB#0	23.66	21.46	33.00	PASS
Band38	5MHz	QPSK	38000	12RB#6	23.62	21.42	33.00	PASS
Band38	5MHz	QPSK	38000	12RB#13	23.68	21.48	33.00	PASS
Band38	5MHz	QPSK	38000	25RB#0	23.66	21.46	33.00	PASS
Band38	5MHz	QPSK	38225	1RB#0	24.54	22.34	33.00	PASS
Band38	5MHz	QPSK	38225	1RB#12	24.58	22.38	33.00	PASS
Band38	5MHz	QPSK	38225	1RB#24	24.45	22.25	33.00	PASS
Band38	5MHz	QPSK	38225	12RB#0	23.62	21.42	33.00	PASS
Band38	5MHz	QPSK	38225	12RB#6	23.70	21.50	33.00	PASS
Band38	5MHz	QPSK	38225	12RB#13	23.59	21.39	33.00	PASS
Band38	5MHz	QPSK	38225	25RB#0	23.63	21.43	33.00	PASS
Band38	5MHz	16QAM	37775	1RB#0	23.81	21.61	33.00	PASS
Band38	5MHz	16QAM	37775	1RB#12	23.73	21.53	33.00	PASS
Band38	5MHz	16QAM	37775	1RB#24	23.86	21.66	33.00	PASS
Band38	5MHz	16QAM	37775	12RB#0	22.44	20.24	33.00	PASS
Band38	5MHz	16QAM	37775	12RB#6	22.45	20.25	33.00	PASS
Band38	5MHz	16QAM	37775	12RB#13	22.45	20.25	33.00	PASS
Band38	5MHz	16QAM	37775	25RB#0	22.49	20.29	33.00	PASS
Band38	5MHz	16QAM	38000	1RB#0	23.66	21.46	33.00	PASS
Band38	5MHz	16QAM	38000	1RB#12	23.77	21.57	33.00	PASS
Band38	5MHz	16QAM	38000	1RB#24	23.85	21.65	33.00	PASS



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Band38	5MHz	16QAM	38000	12RB#0	22.35	20.15	33.00	PASS
Band38	5MHz	16QAM	38000	12RB#6	22.41	20.21	33.00	PASS
Band38	5MHz	16QAM	38000	12RB#13	22.37	20.17	33.00	PASS
Band38	5MHz	16QAM	38000	25RB#0	22.42	20.22	33.00	PASS
Band38	5MHz	16QAM	38225	1RB#0	23.67	21.47	33.00	PASS
Band38	5MHz	16QAM	38225	1RB#12	23.76	21.56	33.00	PASS
Band38	5MHz	16QAM	38225	1RB#24	23.65	21.45	33.00	PASS
Band38	5MHz	16QAM	38225	12RB#0	22.27	20.07	33.00	PASS
Band38	5MHz	16QAM	38225	12RB#6	22.37	20.17	33.00	PASS
Band38	5MHz	16QAM	38225	12RB#13	22.37	20.17	33.00	PASS
Band38	5MHz	16QAM	38225	25RB#0	22.38	20.18	33.00	PASS
Band38	5MHz	64QAM	37775	1RB#0	22.40	20.20	33.00	PASS
Band38	5MHz	64QAM	37775	1RB#12	22.37	20.17	33.00	PASS
Band38	5MHz	64QAM	37775	1RB#24	22.45	20.25	33.00	PASS
Band38	5MHz	64QAM	37775	12RB#0	21.44	19.24	33.00	PASS
Band38	5MHz	64QAM	37775	12RB#6	21.51	19.31	33.00	PASS
Band38	5MHz	64QAM	37775	12RB#13	21.49	19.29	33.00	PASS
Band38	5MHz	64QAM	37775	25RB#0	21.60	19.40	33.00	PASS
Band38	5MHz	64QAM	38000	1RB#0	22.41	20.21	33.00	PASS
Band38	5MHz	64QAM	38000	1RB#12	22.40	20.20	33.00	PASS
Band38	5MHz	64QAM	38000	1RB#24	22.40	20.20	33.00	PASS
Band38	5MHz	64QAM	38000	12RB#0	21.50	19.30	33.00	PASS
Band38	5MHz	64QAM	38000	12RB#6	21.46	19.26	33.00	PASS
Band38	5MHz	64QAM	38000	12RB#13	21.62	19.42	33.00	PASS
Band38	5MHz	64QAM	38000	25RB#0	21.63	19.43	33.00	PASS
Band38	5MHz	64QAM	38225	1RB#0	22.38	20.18	33.00	PASS
Band38	5MHz	64QAM	38225	1RB#12	22.37	20.17	33.00	PASS
Band38	5MHz	64QAM	38225	1RB#24	22.46	20.26	33.00	PASS
Band38	5MHz	64QAM	38225	12RB#0	21.56	19.36	33.00	PASS
Band38	5MHz	64QAM	38225	12RB#6	21.65	19.45	33.00	PASS
Band38	5MHz	64QAM	38225	12RB#13	21.61	19.41	33.00	PASS
Band38	5MHz	64QAM	38225	25RB#0	21.51	19.31	33.00	PASS
Band38	10MHz	QPSK	37800	1RB#0	24.58	22.38	33.00	PASS
Band38	10MHz	QPSK	37800	1RB#24	24.51	22.31	33.00	PASS
Band38	10MHz	QPSK	37800	1RB#49	24.53	22.33	33.00	PASS
Band38	10MHz	QPSK	37800	25RB#0	23.68	21.48	33.00	PASS
Band38	10MHz	QPSK	37800	25RB#12	23.75	21.55	33.00	PASS
Band38	10MHz	QPSK	37800	25RB#25	23.75	21.55	33.00	PASS





Band38	10MHz	QPSK	37800	50RB#0	23.72	21.52	33.00	PASS
Band38	10MHz	QPSK	38000	1RB#0	24.54	22.34	33.00	PASS
Band38	10MHz	QPSK	38000	1RB#24	24.67	22.47	33.00	PASS
Band38	10MHz	QPSK	38000	1RB#49	24.60	22.40	33.00	PASS
Band38	10MHz	QPSK	38000	25RB#0	23.67	21.47	33.00	PASS
Band38	10MHz	QPSK	38000	25RB#12	23.73	21.53	33.00	PASS
Band38	10MHz	QPSK	38000	25RB#25	23.70	21.50	33.00	PASS
Band38	10MHz	QPSK	38000	50RB#0	23.58	21.38	33.00	PASS
Band38	10MHz	QPSK	38200	1RB#0	24.69	22.49	33.00	PASS
Band38	10MHz	QPSK	38200	1RB#24	24.64	22.44	33.00	PASS
Band38	10MHz	QPSK	38200	1RB#49	24.38	22.18	33.00	PASS
Band38	10MHz	QPSK	38200	25RB#0	23.67	21.47	33.00	PASS
Band38	10MHz	QPSK	38200	25RB#12	23.61	21.41	33.00	PASS
Band38	10MHz	QPSK	38200	25RB#25	23.67	21.47	33.00	PASS
Band38	10MHz	QPSK	38200	50RB#0	23.55	21.35	33.00	PASS
Band38	10MHz	16QAM	37800	1RB#0	23.69	21.49	33.00	PASS
Band38	10MHz	16QAM	37800	1RB#24	23.65	21.45	33.00	PASS
Band38	10MHz	16QAM	37800	1RB#49	23.63	21.43	33.00	PASS
Band38	10MHz	16QAM	37800	25RB#0	22.41	20.21	33.00	PASS
Band38	10MHz	16QAM	37800	25RB#12	22.50	20.30	33.00	PASS
Band38	10MHz	16QAM	37800	25RB#25	22.49	20.29	33.00	PASS
Band38	10MHz	16QAM	37800	50RB#0	22.48	20.28	33.00	PASS
Band38	10MHz	16QAM	38000	1RB#0	23.59	21.39	33.00	PASS
Band38	10MHz	16QAM	38000	1RB#24	23.63	21.43	33.00	PASS
Band38	10MHz	16QAM	38000	1RB#49	23.64	21.44	33.00	PASS
Band38	10MHz	16QAM	38000	25RB#0	22.38	20.18	33.00	PASS
Band38	10MHz	16QAM	38000	25RB#12	22.45	20.25	33.00	PASS
Band38	10MHz	16QAM	38000	25RB#25	22.41	20.21	33.00	PASS
Band38	10MHz	16QAM	38000	50RB#0	22.50	20.30	33.00	PASS
Band38	10MHz	16QAM	38200	1RB#0	23.66	21.46	33.00	PASS
Band38	10MHz	16QAM	38200	1RB#24	23.64	21.44	33.00	PASS
Band38	10MHz	16QAM	38200	1RB#49	23.59	21.39	33.00	PASS
Band38	10MHz	16QAM	38200	25RB#0	22.41	20.21	33.00	PASS
Band38	10MHz	16QAM	38200	25RB#12	22.43	20.23	33.00	PASS
Band38	10MHz	16QAM	38200	25RB#25	22.48	20.28	33.00	PASS
Band38	10MHz	16QAM	38200	50RB#0	22.39	20.19	33.00	PASS
Band38	10MHz	64QAM	37800	1RB#0	22.37	20.17	33.00	PASS
Band38	10MHz	64QAM	37800	1RB#24	22.38	20.18	33.00	PASS



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Band38	10MHz	64QAM	37800	1RB#49	22.35	20.15	33.00	PASS
Band38	10MHz	64QAM	37800	25RB#0	21.50	19.30	33.00	PASS
Band38	10MHz	64QAM	37800	25RB#12	21.47	19.27	33.00	PASS
Band38	10MHz	64QAM	37800	25RB#25	21.57	19.37	33.00	PASS
Band38	10MHz	64QAM	37800	50RB#0	21.64	19.44	33.00	PASS
Band38	10MHz	64QAM	38000	1RB#0	22.45	20.25	33.00	PASS
Band38	10MHz	64QAM	38000	1RB#24	22.33	20.13	33.00	PASS
Band38	10MHz	64QAM	38000	1RB#49	22.45	20.25	33.00	PASS
Band38	10MHz	64QAM	38000	25RB#0	21.42	19.22	33.00	PASS
Band38	10MHz	64QAM	38000	25RB#12	21.61	19.41	33.00	PASS
Band38	10MHz	64QAM	38000	25RB#25	21.62	19.42	33.00	PASS
Band38	10MHz	64QAM	38000	50RB#0	21.41	19.21	33.00	PASS
Band38	10MHz	64QAM	38200	1RB#0	22.37	20.17	33.00	PASS
Band38	10MHz	64QAM	38200	1RB#24	22.39	20.19	33.00	PASS
Band38	10MHz	64QAM	38200	1RB#49	22.40	20.20	33.00	PASS
Band38	10MHz	64QAM	38200	25RB#0	21.51	19.31	33.00	PASS
Band38	10MHz	64QAM	38200	25RB#12	21.43	19.23	33.00	PASS
Band38	10MHz	64QAM	38200	25RB#25	21.56	19.36	33.00	PASS
Band38	10MHz	64QAM	38200	50RB#0	21.45	19.25	33.00	PASS
Band38	15MHz	QPSK	37825	1RB#0	24.54	22.34	33.00	PASS
Band38	15MHz	QPSK	37825	1RB#38	24.52	22.32	33.00	PASS
Band38	15MHz	QPSK	37825	1RB#74	24.62	22.42	33.00	PASS
Band38	15MHz	QPSK	37825	38RB#0	23.70	21.50	33.00	PASS
Band38	15MHz	QPSK	37825	38RB#18	23.70	21.50	33.00	PASS
Band38	15MHz	QPSK	37825	38RB#37	23.66	21.46	33.00	PASS
Band38	15MHz	QPSK	37825	75RB#0	23.70	21.50	33.00	PASS
Band38	15MHz	QPSK	38000	1RB#0	24.54	22.34	33.00	PASS
Band38	15MHz	QPSK	38000	1RB#38	24.49	22.29	33.00	PASS
Band38	15MHz	QPSK	38000	1RB#74	24.49	22.29	33.00	PASS
Band38	15MHz	QPSK	38000	38RB#0	23.60	21.40	33.00	PASS
Band38	15MHz	QPSK	38000	38RB#18	23.62	21.42	33.00	PASS
Band38	15MHz	QPSK	38000	38RB#37	23.63	21.43	33.00	PASS
Band38	15MHz	QPSK	38000	75RB#0	23.63	21.43	33.00	PASS
Band38	15MHz	QPSK	38175	1RB#0	24.47	22.27	33.00	PASS
Band38	15MHz	QPSK	38175	1RB#38	24.52	22.32	33.00	PASS
Band38	15MHz	QPSK	38175	1RB#74	24.36	22.16	33.00	PASS
Band38	15MHz	QPSK	38175	38RB#0	23.70	21.50	33.00	PASS
Band38	15MHz	QPSK	38175	38RB#18	23.68	21.48	33.00	PASS



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Band38	15MHz	QPSK	38175	38RB#37	23.63	21.43	33.00	PASS
Band38	15MHz	QPSK	38175	75RB#0	23.68	21.48	33.00	PASS
Band38	15MHz	16QAM	37825	1RB#0	23.66	21.46	33.00	PASS
Band38	15MHz	16QAM	37825	1RB#38	23.61	21.41	33.00	PASS
Band38	15MHz	16QAM	37825	1RB#74	23.64	21.44	33.00	PASS
Band38	15MHz	16QAM	37825	38RB#0	22.39	20.19	33.00	PASS
Band38	15MHz	16QAM	37825	38RB#18	22.48	20.28	33.00	PASS
Band38	15MHz	16QAM	37825	38RB#37	22.45	20.25	33.00	PASS
Band38	15MHz	16QAM	37825	75RB#0	22.50	20.30	33.00	PASS
Band38	15MHz	16QAM	38000	1RB#0	23.79	21.59	33.00	PASS
Band38	15MHz	16QAM	38000	1RB#38	23.63	21.43	33.00	PASS
Band38	15MHz	16QAM	38000	1RB#74	23.65	21.45	33.00	PASS
Band38	15MHz	16QAM	38000	38RB#0	22.45	20.25	33.00	PASS
Band38	15MHz	16QAM	38000	38RB#18	22.41	20.21	33.00	PASS
Band38	15MHz	16QAM	38000	38RB#37	22.42	20.22	33.00	PASS
Band38	15MHz	16QAM	38000	75RB#0	22.44	20.24	33.00	PASS
Band38	15MHz	16QAM	38175	1RB#0	23.69	21.49	33.00	PASS
Band38	15MHz	16QAM	38175	1RB#38	23.56	21.36	33.00	PASS
Band38	15MHz	16QAM	38175	1RB#74	23.64	21.44	33.00	PASS
Band38	15MHz	16QAM	38175	38RB#0	22.32	20.12	33.00	PASS
Band38	15MHz	16QAM	38175	38RB#18	22.36	20.16	33.00	PASS
Band38	15MHz	16QAM	38175	38RB#37	22.38	20.18	33.00	PASS
Band38	15MHz	16QAM	38175	75RB#0	22.40	20.20	33.00	PASS
Band38	15MHz	64QAM	37825	1RB#0	22.31	20.11	33.00	PASS
Band38	15MHz	64QAM	37825	1RB#38	22.33	20.13	33.00	PASS
Band38	15MHz	64QAM	37825	1RB#74	22.44	20.24	33.00	PASS
Band38	15MHz	64QAM	37825	38RB#0	21.41	19.21	33.00	PASS
Band38	15MHz	64QAM	37825	38RB#18	21.56	19.36	33.00	PASS
Band38	15MHz	64QAM	37825	38RB#37	21.49	19.29	33.00	PASS
Band38	15MHz	64QAM	37825	75RB#0	21.42	19.22	33.00	PASS
Band38	15MHz	64QAM	38000	1RB#0	22.41	20.21	33.00	PASS
Band38	15MHz	64QAM	38000	1RB#38	22.38	20.18	33.00	PASS
Band38	15MHz	64QAM	38000	1RB#74	22.47	20.27	33.00	PASS
Band38	15MHz	64QAM	38000	38RB#0	21.56	19.36	33.00	PASS
Band38	15MHz	64QAM	38000	38RB#18	21.54	19.34	33.00	PASS
Band38	15MHz	64QAM	38000	38RB#37	21.63	19.43	33.00	PASS
Band38	15MHz	64QAM	38000	75RB#0	21.44	19.24	33.00	PASS
Band38	15MHz	64QAM	38175	1RB#0	22.44	20.24	33.00	PASS



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Band38	15MHz	64QAM	38175	1RB#38	22.42	20.22	33.00	PASS
Band38	15MHz	64QAM	38175	1RB#74	22.41	20.21	33.00	PASS
Band38	15MHz	64QAM	38175	38RB#0	21.44	19.24	33.00	PASS
Band38	15MHz	64QAM	38175	38RB#18	21.66	19.46	33.00	PASS
Band38	15MHz	64QAM	38175	38RB#37	21.48	19.28	33.00	PASS
Band38	15MHz	64QAM	38175	75RB#0	21.68	19.48	33.00	PASS
Band38	20MHz	QPSK	37850	1RB#0	24.47	22.27	33.00	PASS
Band38	20MHz	QPSK	37850	1RB#49	24.59	22.39	33.00	PASS
Band38	20MHz	QPSK	37850	1RB#99	24.41	22.21	33.00	PASS
Band38	20MHz	QPSK	37850	50RB#0	23.65	21.45	33.00	PASS
Band38	20MHz	QPSK	37850	50RB#25	23.67	21.47	33.00	PASS
Band38	20MHz	QPSK	37850	50RB#50	23.69	21.49	33.00	PASS
Band38	20MHz	QPSK	37850	100RB#0	23.68	21.48	33.00	PASS
Band38	20MHz	QPSK	38000	1RB#0	24.46	22.26	33.00	PASS
Band38	20MHz	QPSK	38000	1RB#49	24.56	22.36	33.00	PASS
Band38	20MHz	QPSK	38000	1RB#99	24.37	22.17	33.00	PASS
Band38	20MHz	QPSK	38000	50RB#0	23.63	21.43	33.00	PASS
Band38	20MHz	QPSK	38000	50RB#25	23.61	21.41	33.00	PASS
Band38	20MHz	QPSK	38000	50RB#50	23.66	21.46	33.00	PASS
Band38	20MHz	QPSK	38000	100RB#0	23.61	21.41	33.00	PASS
Band38	20MHz	QPSK	38150	1RB#0	24.48	22.28	33.00	PASS
Band38	20MHz	QPSK	38150	1RB#49	24.41	22.21	33.00	PASS
Band38	20MHz	QPSK	38150	1RB#99	24.40	22.20	33.00	PASS
Band38	20MHz	QPSK	38150	50RB#0	23.60	21.40	33.00	PASS
Band38	20MHz	QPSK	38150	50RB#25	23.65	21.45	33.00	PASS
Band38	20MHz	QPSK	38150	50RB#50	23.58	21.38	33.00	PASS
Band38	20MHz	QPSK	38150	100RB#0	23.66	21.46	33.00	PASS
Band38	20MHz	16QAM	37850	1RB#0	23.71	21.51	33.00	PASS
Band38	20MHz	16QAM	37850	1RB#49	23.54	21.34	33.00	PASS
Band38	20MHz	16QAM	37850	1RB#99	23.67	21.47	33.00	PASS
Band38	20MHz	16QAM	37850	50RB#0	22.63	20.43	33.00	PASS
Band38	20MHz	16QAM	37850	50RB#25	22.67	20.47	33.00	PASS
Band38	20MHz	16QAM	37850	50RB#50	22.79	20.59	33.00	PASS
Band38	20MHz	16QAM	37850	100RB#0	22.72	20.52	33.00	PASS
Band38	20MHz	16QAM	38000	1RB#0	23.64	21.44	33.00	PASS
Band38	20MHz	16QAM	38000	1RB#49	23.66	21.46	33.00	PASS
Band38	20MHz	16QAM	38000	1RB#99	23.68	21.48	33.00	PASS
Band38	20MHz	16QAM	38000	50RB#0	22.69	20.49	33.00	PASS



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Band38	20MHz	16QAM	38000	50RB#25	22.63	20.43	33.00	PASS
Band38	20MHz	16QAM	38000	50RB#50	22.72	20.52	33.00	PASS
Band38	20MHz	16QAM	38000	100RB#0	22.64	20.44	33.00	PASS
Band38	20MHz	16QAM	38150	1RB#0	23.65	21.45	33.00	PASS
Band38	20MHz	16QAM	38150	1RB#49	23.53	21.33	33.00	PASS
Band38	20MHz	16QAM	38150	1RB#99	23.57	21.37	33.00	PASS
Band38	20MHz	16QAM	38150	50RB#0	22.66	20.46	33.00	PASS
Band38	20MHz	16QAM	38150	50RB#25	22.68	20.48	33.00	PASS
Band38	20MHz	16QAM	38150	50RB#50	22.67	20.47	33.00	PASS
Band38	20MHz	16QAM	38150	100RB#0	22.66	20.46	33.00	PASS
Band38	20MHz	64QAM	37850	1RB#0	22.59	20.39	33.00	PASS
Band38	20MHz	64QAM	37850	1RB#49	22.63	20.43	33.00	PASS
Band38	20MHz	64QAM	37850	1RB#99	22.66	20.46	33.00	PASS
Band38	20MHz	64QAM	37850	50RB#0	21.76	19.56	33.00	PASS
Band38	20MHz	64QAM	37850	50RB#25	21.68	19.48	33.00	PASS
Band38	20MHz	64QAM	37850	50RB#50	21.66	19.46	33.00	PASS
Band38	20MHz	64QAM	37850	100RB#0	21.78	19.58	33.00	PASS
Band38	20MHz	64QAM	38000	1RB#0	22.64	20.44	33.00	PASS
Band38	20MHz	64QAM	38000	1RB#49	22.65	20.45	33.00	PASS
Band38	20MHz	64QAM	38000	1RB#99	22.68	20.48	33.00	PASS
Band38	20MHz	64QAM	38000	50RB#0	21.92	19.72	33.00	PASS
Band38	20MHz	64QAM	38000	50RB#25	21.93	19.73	33.00	PASS
Band38	20MHz	64QAM	38000	50RB#50	21.70	19.50	33.00	PASS
Band38	20MHz	64QAM	38000	100RB#0	21.93	19.73	33.00	PASS
Band38	20MHz	64QAM	38150	1RB#0	22.69	20.49	33.00	PASS
Band38	20MHz	64QAM	38150	1RB#49	22.63	20.43	33.00	PASS
Band38	20MHz	64QAM	38150	1RB#99	22.61	20.41	33.00	PASS
Band38	20MHz	64QAM	38150	50RB#0	21.70	19.50	33.00	PASS
Band38	20MHz	64QAM	38150	50RB#25	21.86	19.66	33.00	PASS
Band38	20MHz	64QAM	38150	50RB#50	21.91	19.71	33.00	PASS
Band38	20MHz	64QAM	38150	100RB#0	21.88	19.68	33.00	PASS





ANT5:

Band	Bandwidth h	Modulation	Channel	RB Config.	Result (dBm)	EIRP (dBm)	Limit (dBm)	Verdict
Band38	5MHz	QPSK	37775	1RB#0	21.92	20.32	33.00	PASS
Band38	5MHz	QPSK	37775	1RB#12	22.01	20.41	33.00	PASS
Band38	5MHz	QPSK	37775	1RB#24	21.93	20.33	33.00	PASS
Band38	5MHz	QPSK	37775	12RB#0	21.10	19.50	33.00	PASS
Band38	5MHz	QPSK	37775	12RB#6	21.11	19.51	33.00	PASS
Band38	5MHz	QPSK	37775	12RB#13	21.08	19.48	33.00	PASS
Band38	5MHz	QPSK	37775	25RB#0	21.09	19.49	33.00	PASS
Band38	5MHz	QPSK	38000	1RB#0	21.84	20.24	33.00	PASS
Band38	5MHz	QPSK	38000	1RB#12	21.93	20.33	33.00	PASS
Band38	5MHz	QPSK	38000	1RB#24	21.89	20.29	33.00	PASS
Band38	5MHz	QPSK	38000	12RB#0	21.01	19.41	33.00	PASS
Band38	5MHz	QPSK	38000	12RB#6	20.97	19.37	33.00	PASS
Band38	5MHz	QPSK	38000	12RB#13	21.04	19.44	33.00	PASS
Band38	5MHz	QPSK	38000	25RB#0	20.93	19.33	33.00	PASS
Band38	5MHz	QPSK	38225	1RB#0	21.81	20.21	33.00	PASS
Band38	5MHz	QPSK	38225	1RB#12	21.92	20.32	33.00	PASS
Band38	5MHz	QPSK	38225	1RB#24	21.87	20.27	33.00	PASS
Band38	5MHz	QPSK	38225	12RB#0	20.93	19.33	33.00	PASS
Band38	5MHz	QPSK	38225	12RB#6	20.98	19.38	33.00	PASS
Band38	5MHz	QPSK	38225	12RB#13	20.98	19.38	33.00	PASS
Band38	5MHz	QPSK	38225	25RB#0	21.05	19.45	33.00	PASS
Band38	5MHz	16QAM	37775	1RB#0	21.12	19.52	33.00	PASS
Band38	5MHz	16QAM	37775	1RB#12	21.22	19.62	33.00	PASS
Band38	5MHz	16QAM	37775	1RB#24	21.17	19.57	33.00	PASS
Band38	5MHz	16QAM	37775	12RB#0	20.07	18.47	33.00	PASS
Band38	5MHz	16QAM	37775	12RB#6	20.08	18.48	33.00	PASS
Band38	5MHz	16QAM	37775	12RB#13	20.03	18.43	33.00	PASS
Band38	5MHz	16QAM	37775	25RB#0	20.10	18.50	33.00	PASS
Band38	5MHz	16QAM	38000	1RB#0	21.05	19.45	33.00	PASS
Band38	5MHz	16QAM	38000	1RB#12	21.07	19.47	33.00	PASS
Band38	5MHz	16QAM	38000	1RB#24	21.16	19.56	33.00	PASS
Band38	5MHz	16QAM	38000	12RB#0	19.92	18.32	33.00	PASS
Band38	5MHz	16QAM	38000	12RB#6	20.02	18.42	33.00	PASS
Band38	5MHz	16QAM	38000	12RB#13	20.00	18.40	33.00	PASS
Band38	5MHz	16QAM	38000	25RB#0	20.03	18.43	33.00	PASS



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Band38	5MHz	16QAM	38225	1RB#0	21.00	19.40	33.00	PASS
Band38	5MHz	16QAM	38225	1RB#12	21.08	19.48	33.00	PASS
Band38	5MHz	16QAM	38225	1RB#24	21.08	19.48	33.00	PASS
Band38	5MHz	16QAM	38225	12RB#0	19.96	18.36	33.00	PASS
Band38	5MHz	16QAM	38225	12RB#6	20.01	18.41	33.00	PASS
Band38	5MHz	16QAM	38225	12RB#13	20.00	18.40	33.00	PASS
Band38	5MHz	16QAM	38225	25RB#0	20.01	18.41	33.00	PASS
Band38	5MHz	64QAM	37775	1RB#0	19.91	18.31	33.00	PASS
Band38	5MHz	64QAM	37775	1RB#12	19.86	18.26	33.00	PASS
Band38	5MHz	64QAM	37775	1RB#24	19.91	18.31	33.00	PASS
Band38	5MHz	64QAM	37775	12RB#0	18.87	17.27	33.00	PASS
Band38	5MHz	64QAM	37775	12RB#6	19.07	17.47	33.00	PASS
Band38	5MHz	64QAM	37775	12RB#13	18.98	17.38	33.00	PASS
Band38	5MHz	64QAM	37775	25RB#0	19.08	17.48	33.00	PASS
Band38	5MHz	64QAM	38000	1RB#0	19.98	18.38	33.00	PASS
Band38	5MHz	64QAM	38000	1RB#12	19.93	18.33	33.00	PASS
Band38	5MHz	64QAM	38000	1RB#24	19.98	18.38	33.00	PASS
Band38	5MHz	64QAM	38000	12RB#0	19.01	17.41	33.00	PASS
Band38	5MHz	64QAM	38000	12RB#6	18.96	17.36	33.00	PASS
Band38	5MHz	64QAM	38000	12RB#13	18.97	17.37	33.00	PASS
Band38	5MHz	64QAM	38000	25RB#0	18.88	17.28	33.00	PASS
Band38	5MHz	64QAM	38225	1RB#0	20.05	18.45	33.00	PASS
Band38	5MHz	64QAM	38225	1RB#12	19.92	18.32	33.00	PASS
Band38	5MHz	64QAM	38225	1RB#24	19.88	18.28	33.00	PASS
Band38	5MHz	64QAM	38225	12RB#0	18.97	17.37	33.00	PASS
Band38	5MHz	64QAM	38225	12RB#6	19.15	17.55	33.00	PASS
Band38	5MHz	64QAM	38225	12RB#13	18.96	17.36	33.00	PASS
Band38	5MHz	64QAM	38225	25RB#0	18.97	17.37	33.00	PASS
Band38	10MHz	QPSK	37800	1RB#0	21.86	20.26	33.00	PASS
Band38	10MHz	QPSK	37800	1RB#24	21.90	20.30	33.00	PASS
Band38	10MHz	QPSK	37800	1RB#49	22.03	20.43	33.00	PASS
Band38	10MHz	QPSK	37800	25RB#0	21.01	19.41	33.00	PASS
Band38	10MHz	QPSK	37800	25RB#12	21.09	19.49	33.00	PASS
Band38	10MHz	QPSK	37800	25RB#25	21.04	19.44	33.00	PASS
Band38	10MHz	QPSK	37800	50RB#0	21.13	19.53	33.00	PASS
Band38	10MHz	QPSK	38000	1RB#0	21.89	20.29	33.00	PASS
Band38	10MHz	QPSK	38000	1RB#24	22.03	20.43	33.00	PASS
Band38	10MHz	QPSK	38000	1RB#49	21.97	20.37	33.00	PASS



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Band38	10MHz	QPSK	38000	25RB#0	21.04	19.44	33.00	PASS
Band38	10MHz	QPSK	38000	25RB#12	21.07	19.47	33.00	PASS
Band38	10MHz	QPSK	38000	25RB#25	21.07	19.47	33.00	PASS
Band38	10MHz	QPSK	38000	50RB#0	21.08	19.48	33.00	PASS
Band38	10MHz	QPSK	38200	1RB#0	21.88	20.28	33.00	PASS
Band38	10MHz	QPSK	38200	1RB#24	21.94	20.34	33.00	PASS
Band38	10MHz	QPSK	38200	1RB#49	21.75	20.15	33.00	PASS
Band38	10MHz	QPSK	38200	25RB#0	20.96	19.36	33.00	PASS
Band38	10MHz	QPSK	38200	25RB#12	20.97	19.37	33.00	PASS
Band38	10MHz	QPSK	38200	25RB#25	20.97	19.37	33.00	PASS
Band38	10MHz	QPSK	38200	50RB#0	20.91	19.31	33.00	PASS
Band38	10MHz	16QAM	37800	1RB#0	21.03	19.43	33.00	PASS
Band38	10MHz	16QAM	37800	1RB#24	20.96	19.36	33.00	PASS
Band38	10MHz	16QAM	37800	1RB#49	21.03	19.43	33.00	PASS
Band38	10MHz	16QAM	37800	25RB#0	20.04	18.44	33.00	PASS
Band38	10MHz	16QAM	37800	25RB#12	20.14	18.54	33.00	PASS
Band38	10MHz	16QAM	37800	25RB#25	20.05	18.45	33.00	PASS
Band38	10MHz	16QAM	37800	50RB#0	20.14	18.54	33.00	PASS
Band38	10MHz	16QAM	38000	1RB#0	20.97	19.37	33.00	PASS
Band38	10MHz	16QAM	38000	1RB#24	20.99	19.39	33.00	PASS
Band38	10MHz	16QAM	38000	1RB#49	20.99	19.39	33.00	PASS
Band38	10MHz	16QAM	38000	25RB#0	19.88	18.28	33.00	PASS
Band38	10MHz	16QAM	38000	25RB#12	20.04	18.44	33.00	PASS
Band38	10MHz	16QAM	38000	25RB#25	20.08	18.48	33.00	PASS
Band38	10MHz	16QAM	38000	50RB#0	20.11	18.51	33.00	PASS
Band38	10MHz	16QAM	38200	1RB#0	21.01	19.41	33.00	PASS
Band38	10MHz	16QAM	38200	1RB#24	20.96	19.36	33.00	PASS
Band38	10MHz	16QAM	38200	1RB#49	20.88	19.28	33.00	PASS
Band38	10MHz	16QAM	38200	25RB#0	20.04	18.44	33.00	PASS
Band38	10MHz	16QAM	38200	25RB#12	19.98	18.38	33.00	PASS
Band38	10MHz	16QAM	38200	25RB#25	19.93	18.33	33.00	PASS
Band38	10MHz	16QAM	38200	50RB#0	20.05	18.45	33.00	PASS
Band38	10MHz	64QAM	37800	1RB#0	19.95	18.35	33.00	PASS
Band38	10MHz	64QAM	37800	1RB#24	19.95	18.35	33.00	PASS
Band38	10MHz	64QAM	37800	1RB#49	19.92	18.32	33.00	PASS
Band38	10MHz	64QAM	37800	25RB#0	18.93	17.33	33.00	PASS
Band38	10MHz	64QAM	37800	25RB#12	19.07	17.47	33.00	PASS
Band38	10MHz	64QAM	37800	25RB#25	18.87	17.27	33.00	PASS



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Band38	10MHz	64QAM	37800	50RB#0	18.87	17.27	33.00	PASS
Band38	10MHz	64QAM	38000	1RB#0	19.86	18.26	33.00	PASS
Band38	10MHz	64QAM	38000	1RB#24	19.86	18.26	33.00	PASS
Band38	10MHz	64QAM	38000	1RB#49	19.90	18.30	33.00	PASS
Band38	10MHz	64QAM	38000	25RB#0	18.93	17.33	33.00	PASS
Band38	10MHz	64QAM	38000	25RB#12	19.10	17.50	33.00	PASS
Band38	10MHz	64QAM	38000	25RB#25	19.12	17.52	33.00	PASS
Band38	10MHz	64QAM	38000	50RB#0	19.13	17.53	33.00	PASS
Band38	10MHz	64QAM	38200	1RB#0	19.94	18.34	33.00	PASS
Band38	10MHz	64QAM	38200	1RB#24	19.89	18.29	33.00	PASS
Band38	10MHz	64QAM	38200	1RB#49	19.86	18.26	33.00	PASS
Band38	10MHz	64QAM	38200	25RB#0	18.86	17.26	33.00	PASS
Band38	10MHz	64QAM	38200	25RB#12	19.02	17.42	33.00	PASS
Band38	10MHz	64QAM	38200	25RB#25	18.86	17.26	33.00	PASS
Band38	10MHz	64QAM	38200	50RB#0	19.08	17.48	33.00	PASS
Band38	15MHz	QPSK	37825	1RB#0	21.83	20.23	33.00	PASS
Band38	15MHz	QPSK	37825	1RB#38	21.89	20.29	33.00	PASS
Band38	15MHz	QPSK	37825	1RB#74	21.83	20.23	33.00	PASS
Band38	15MHz	QPSK	37825	38RB#0	21.07	19.47	33.00	PASS
Band38	15MHz	QPSK	37825	38RB#18	21.06	19.46	33.00	PASS
Band38	15MHz	QPSK	37825	38RB#37	21.08	19.48	33.00	PASS
Band38	15MHz	QPSK	37825	75RB#0	21.10	19.50	33.00	PASS
Band38	15MHz	QPSK	38000	1RB#0	21.89	20.29	33.00	PASS
Band38	15MHz	QPSK	38000	1RB#38	21.86	20.26	33.00	PASS
Band38	15MHz	QPSK	38000	1RB#74	21.74	20.14	33.00	PASS
Band38	15MHz	QPSK	38000	38RB#0	20.98	19.38	33.00	PASS
Band38	15MHz	QPSK	38000	38RB#18	20.95	19.35	33.00	PASS
Band38	15MHz	QPSK	38000	38RB#37	20.94	19.34	33.00	PASS
Band38	15MHz	QPSK	38000	75RB#0	20.94	19.34	33.00	PASS
Band38	15MHz	QPSK	38175	1RB#0	21.84	20.24	33.00	PASS
Band38	15MHz	QPSK	38175	1RB#38	21.81	20.21	33.00	PASS
Band38	15MHz	QPSK	38175	1RB#74	21.82	20.22	33.00	PASS
Band38	15MHz	QPSK	38175	38RB#0	20.93	19.33	33.00	PASS
Band38	15MHz	QPSK	38175	38RB#18	21.01	19.41	33.00	PASS
Band38	15MHz	QPSK	38175	38RB#37	21.00	19.40	33.00	PASS
Band38	15MHz	QPSK	38175	75RB#0	21.00	19.40	33.00	PASS
Band38	15MHz	16QAM	37825	1RB#0	20.99	19.39	33.00	PASS
Band38	15MHz	16QAM	37825	1RB#38	21.05	19.45	33.00	PASS



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Band38	15MHz	16QAM	37825	1RB#74	21.08	19.48	33.00	PASS
Band38	15MHz	16QAM	37825	38RB#0	19.97	18.37	33.00	PASS
Band38	15MHz	16QAM	37825	38RB#18	20.06	18.46	33.00	PASS
Band38	15MHz	16QAM	37825	38RB#37	20.04	18.44	33.00	PASS
Band38	15MHz	16QAM	37825	75RB#0	20.09	18.49	33.00	PASS
Band38	15MHz	16QAM	38000	1RB#0	20.96	19.36	33.00	PASS
Band38	15MHz	16QAM	38000	1RB#38	20.99	19.39	33.00	PASS
Band38	15MHz	16QAM	38000	1RB#74	21.03	19.43	33.00	PASS
Band38	15MHz	16QAM	38000	38RB#0	19.92	18.32	33.00	PASS
Band38	15MHz	16QAM	38000	38RB#18	19.86	18.26	33.00	PASS
Band38	15MHz	16QAM	38000	38RB#37	20.00	18.40	33.00	PASS
Band38	15MHz	16QAM	38000	75RB#0	20.04	18.44	33.00	PASS
Band38	15MHz	16QAM	38175	1RB#0	20.91	19.31	33.00	PASS
Band38	15MHz	16QAM	38175	1RB#38	20.94	19.34	33.00	PASS
Band38	15MHz	16QAM	38175	1RB#74	20.96	19.36	33.00	PASS
Band38	15MHz	16QAM	38175	38RB#0	19.93	18.33	33.00	PASS
Band38	15MHz	16QAM	38175	38RB#18	20.01	18.41	33.00	PASS
Band38	15MHz	16QAM	38175	38RB#37	19.92	18.32	33.00	PASS
Band38	15MHz	16QAM	38175	75RB#0	20.10	18.50	33.00	PASS
Band38	15MHz	64QAM	37825	1RB#0	20.05	18.45	33.00	PASS
Band38	15MHz	64QAM	37825	1RB#38	19.87	18.27	33.00	PASS
Band38	15MHz	64QAM	37825	1RB#74	19.88	18.28	33.00	PASS
Band38	15MHz	64QAM	37825	38RB#0	18.94	17.34	33.00	PASS
Band38	15MHz	64QAM	37825	38RB#18	19.02	17.42	33.00	PASS
Band38	15MHz	64QAM	37825	38RB#37	18.89	17.29	33.00	PASS
Band38	15MHz	64QAM	37825	75RB#0	19.02	17.42	33.00	PASS
Band38	15MHz	64QAM	38000	1RB#0	20.05	18.45	33.00	PASS
Band38	15MHz	64QAM	38000	1RB#38	19.87	18.27	33.00	PASS
Band38	15MHz	64QAM	38000	1RB#74	19.97	18.37	33.00	PASS
Band38	15MHz	64QAM	38000	38RB#0	18.91	17.31	33.00	PASS
Band38	15MHz	64QAM	38000	38RB#18	18.86	17.26	33.00	PASS
Band38	15MHz	64QAM	38000	38RB#37	18.89	17.29	33.00	PASS
Band38	15MHz	64QAM	38000	75RB#0	18.89	17.29	33.00	PASS
Band38	15MHz	64QAM	38175	1RB#0	20.05	18.45	33.00	PASS
Band38	15MHz	64QAM	38175	1RB#38	19.95	18.35	33.00	PASS
Band38	15MHz	64QAM	38175	1RB#74	19.95	18.35	33.00	PASS
Band38	15MHz	64QAM	38175	38RB#0	18.89	17.29	33.00	PASS
Band38	15MHz	64QAM	38175	38RB#18	19.03	17.43	33.00	PASS



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Band38	15MHz	64QAM	38175	38RB#37	19.12	17.52	33.00	PASS
Band38	15MHz	64QAM	38175	75RB#0	19.08	17.48	33.00	PASS
Band38	20MHz	QPSK	37850	1RB#0	22.03	20.43	33.00	PASS
Band38	20MHz	QPSK	37850	1RB#49	21.86	20.26	33.00	PASS
Band38	20MHz	QPSK	37850	1RB#99	21.89	20.29	33.00	PASS
Band38	20MHz	QPSK	37850	50RB#0	20.95	19.35	33.00	PASS
Band38	20MHz	QPSK	37850	50RB#25	21.08	19.48	33.00	PASS
Band38	20MHz	QPSK	37850	50RB#50	21.02	19.42	33.00	PASS
Band38	20MHz	QPSK	37850	100RB#0	21.08	19.48	33.00	PASS
Band38	20MHz	QPSK	38000	1RB#0	22.01	20.41	33.00	PASS
Band38	20MHz	QPSK	38000	1RB#49	21.81	20.21	33.00	PASS
Band38	20MHz	QPSK	38000	1RB#99	21.81	20.21	33.00	PASS
Band38	20MHz	QPSK	38000	50RB#0	20.98	19.38	33.00	PASS
Band38	20MHz	QPSK	38000	50RB#25	21.01	19.41	33.00	PASS
Band38	20MHz	QPSK	38000	50RB#50	21.02	19.42	33.00	PASS
Band38	20MHz	QPSK	38000	100RB#0	21.01	19.41	33.00	PASS
Band38	20MHz	QPSK	38150	1RB#0	21.96	20.36	33.00	PASS
Band38	20MHz	QPSK	38150	1RB#49	21.78	20.18	33.00	PASS
Band38	20MHz	QPSK	38150	1RB#99	21.77	20.17	33.00	PASS
Band38	20MHz	QPSK	38150	50RB#0	20.97	19.37	33.00	PASS
Band38	20MHz	QPSK	38150	50RB#25	20.97	19.37	33.00	PASS
Band38	20MHz	QPSK	38150	50RB#50	20.98	19.38	33.00	PASS
Band38	20MHz	QPSK	38150	100RB#0	21.08	19.48	33.00	PASS
Band38	20MHz	16QAM	37850	1RB#0	21.02	19.42	33.00	PASS
Band38	20MHz	16QAM	37850	1RB#49	20.93	19.33	33.00	PASS
Band38	20MHz	16QAM	37850	1RB#99	21.05	19.45	33.00	PASS
Band38	20MHz	16QAM	37850	50RB#0	19.99	18.39	33.00	PASS
Band38	20MHz	16QAM	37850	50RB#25	20.11	18.51	33.00	PASS
Band38	20MHz	16QAM	37850	50RB#50	20.19	18.59	33.00	PASS
Band38	20MHz	16QAM	37850	100RB#0	20.03	18.43	33.00	PASS
Band38	20MHz	16QAM	38000	1RB#0	21.03	19.43	33.00	PASS
Band38	20MHz	16QAM	38000	1RB#49	20.93	19.33	33.00	PASS
Band38	20MHz	16QAM	38000	1RB#99	20.98	19.38	33.00	PASS
Band38	20MHz	16QAM	38000	50RB#0	19.94	18.34	33.00	PASS
Band38	20MHz	16QAM	38000	50RB#25	19.97	18.37	33.00	PASS
Band38	20MHz	16QAM	38000	50RB#50	20.01	18.41	33.00	PASS
Band38	20MHz	16QAM	38000	100RB#0	20.04	18.44	33.00	PASS
Band38	20MHz	16QAM	38150	1RB#0	20.98	19.38	33.00	PASS



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Band38	20MHz	16QAM	38150	1RB#49	20.93	19.33	33.00	PASS
Band38	20MHz	16QAM	38150	1RB#99	21.04	19.44	33.00	PASS
Band38	20MHz	16QAM	38150	50RB#0	19.95	18.35	33.00	PASS
Band38	20MHz	16QAM	38150	50RB#25	20.02	18.42	33.00	PASS
Band38	20MHz	16QAM	38150	50RB#50	20.02	18.42	33.00	PASS
Band38	20MHz	16QAM	38150	100RB#0	20.06	18.46	33.00	PASS
Band38	20MHz	64QAM	37850	1RB#0	20.05	18.45	33.00	PASS
Band38	20MHz	64QAM	37850	1RB#49	19.98	18.38	33.00	PASS
Band38	20MHz	64QAM	37850	1RB#99	19.93	18.33	33.00	PASS
Band38	20MHz	64QAM	37850	50RB#0	19.02	17.42	33.00	PASS
Band38	20MHz	64QAM	37850	50RB#25	19.07	17.47	33.00	PASS
Band38	20MHz	64QAM	37850	50RB#50	19.06	17.46	33.00	PASS
Band38	20MHz	64QAM	37850	100RB#0	19.07	17.47	33.00	PASS
Band38	20MHz	64QAM	38000	1RB#0	19.96	18.36	33.00	PASS
Band38	20MHz	64QAM	38000	1RB#49	20.04	18.44	33.00	PASS
Band38	20MHz	64QAM	38000	1RB#99	19.97	18.37	33.00	PASS
Band38	20MHz	64QAM	38000	50RB#0	18.94	17.34	33.00	PASS
Band38	20MHz	64QAM	38000	50RB#25	19.05	17.45	33.00	PASS
Band38	20MHz	64QAM	38000	50RB#50	18.87	17.27	33.00	PASS
Band38	20MHz	64QAM	38000	100RB#0	19.12	17.52	33.00	PASS
Band38	20MHz	64QAM	38150	1RB#0	20.03	18.43	33.00	PASS
Band38	20MHz	64QAM	38150	1RB#49	19.97	18.37	33.00	PASS
Band38	20MHz	64QAM	38150	1RB#99	19.88	18.28	33.00	PASS
Band38	20MHz	64QAM	38150	50RB#0	19.06	17.46	33.00	PASS
Band38	20MHz	64QAM	38150	50RB#25	19.14	17.54	33.00	PASS
Band38	20MHz	64QAM	38150	50RB#50	19.01	17.41	33.00	PASS
Band38	20MHz	64QAM	38150	100RB#0	18.89	17.29	33.00	PASS

Remark:

1. For Ant1& Ant2 & Ant3 & Ant5, the whole testing has assessed Ant2 & Ant5 by referring to the higher conducted power.
2. The Maximum ERP/EIRP is calculated from Max Output power and Max antenna gain, only the maximum ERP/EIRP is shown in the report
3. For getting the EIRP (Efficient Isotropic Radiated Power), the following formula should be taken to calculate it,
ERP [dBm] = Conducted Power [dBm] + Gain [dBd]
EIRP [dBm] = Conducted Power [dBm] + Gain [dBi]



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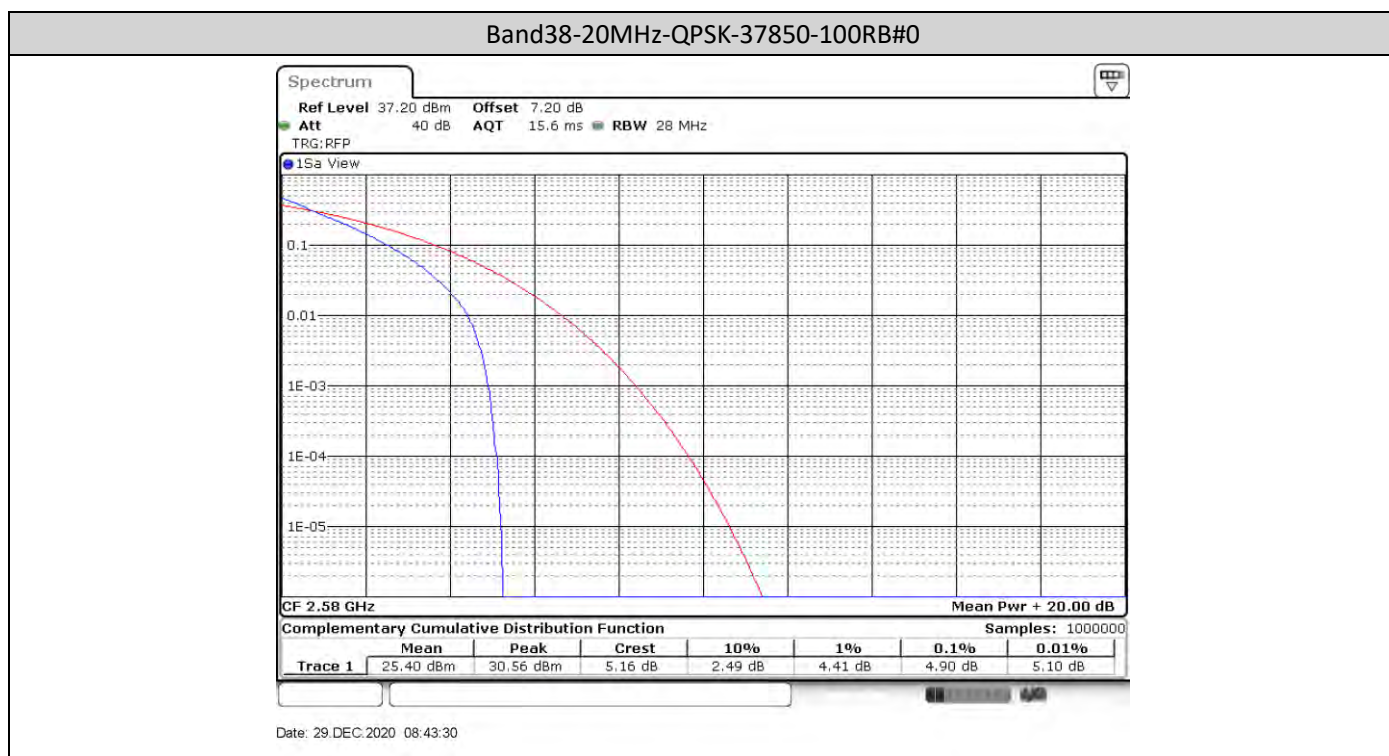


2. Peak-to-Average Ratio (CCDF)

2.1. Test Result

Band	Bandwidth	Modulation	Channel	RB Configuration	Result(dB)	Limit(dB)	Verdict
Band38	20MHz	QPSK	37850	100RB#0	4.90	13	PASS
Band38	20MHz	QPSK	38000	100RB#0	6.96	13	PASS
Band38	20MHz	QPSK	38150	100RB#0	7.04	13	PASS
Band38	20MHz	64QAM	37850	100RB#0	6.38	13	PASS
Band38	20MHz	64QAM	38000	100RB#0	7.83	13	PASS
Band38	20MHz	64QAM	38150	100RB#0	7.88	13	PASS
Band38	20MHz	16QAM	37850	100RB#0	7.88	13	PASS
Band38	20MHz	16QAM	38000	100RB#0	7.86	13	PASS
Band38	20MHz	16QAM	38150	100RB#0	7.88	13	PASS

2.2. Test Plots

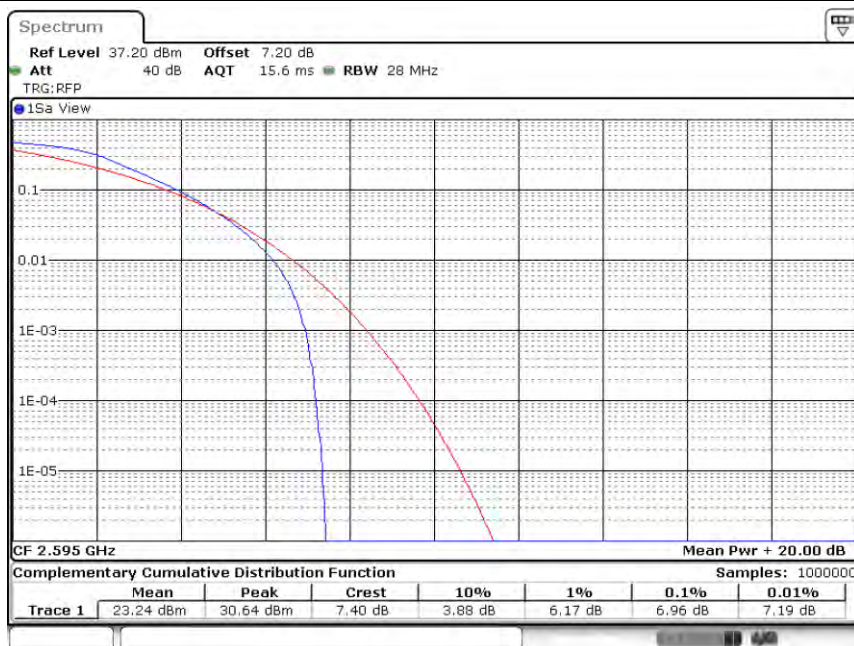


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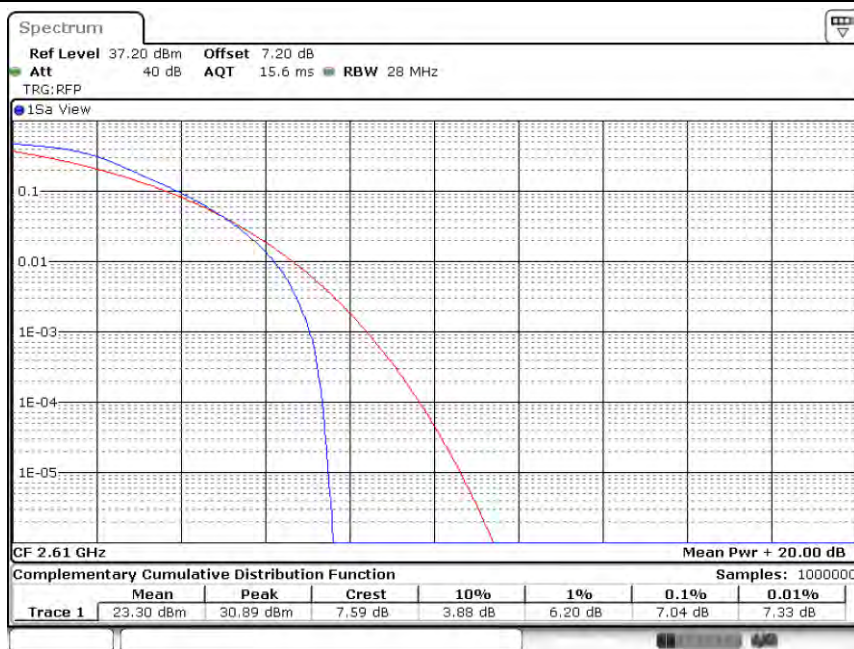


Band38-20MHz-QPSK-38000-100RB#0



Date: 29 DEC. 2020 08:43:52

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



Date: 29 DEC. 2020 08:44:15

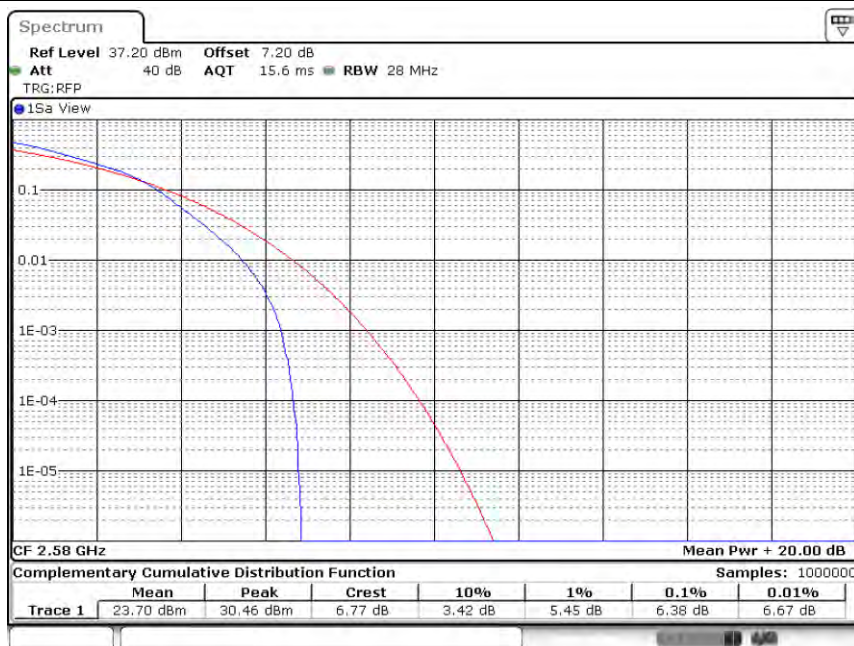


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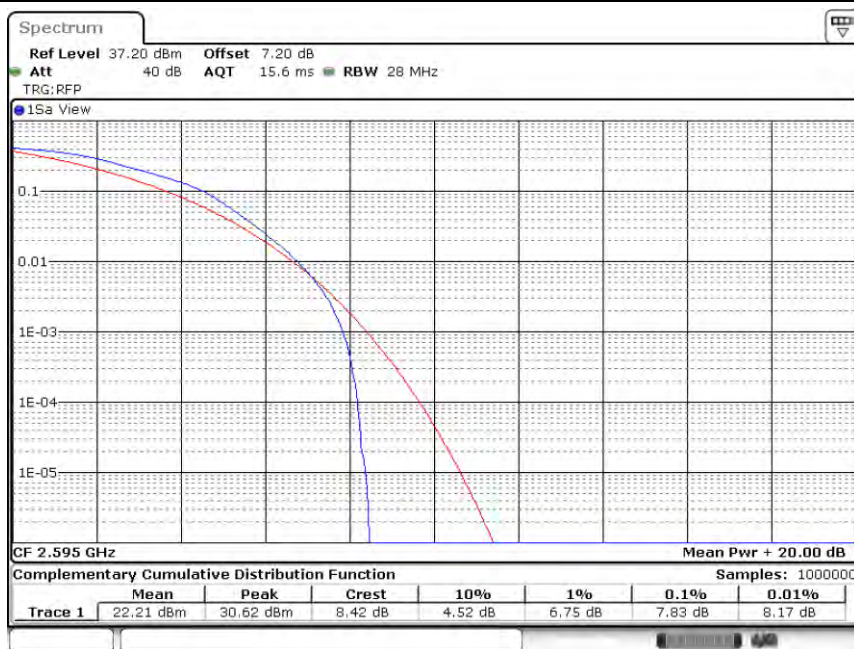


Band38-20MHz-64QAM-37850-100RB#0



Date: 29 DEC. 2020 09:20:30

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



Date: 29 DEC. 2020 09:20:41

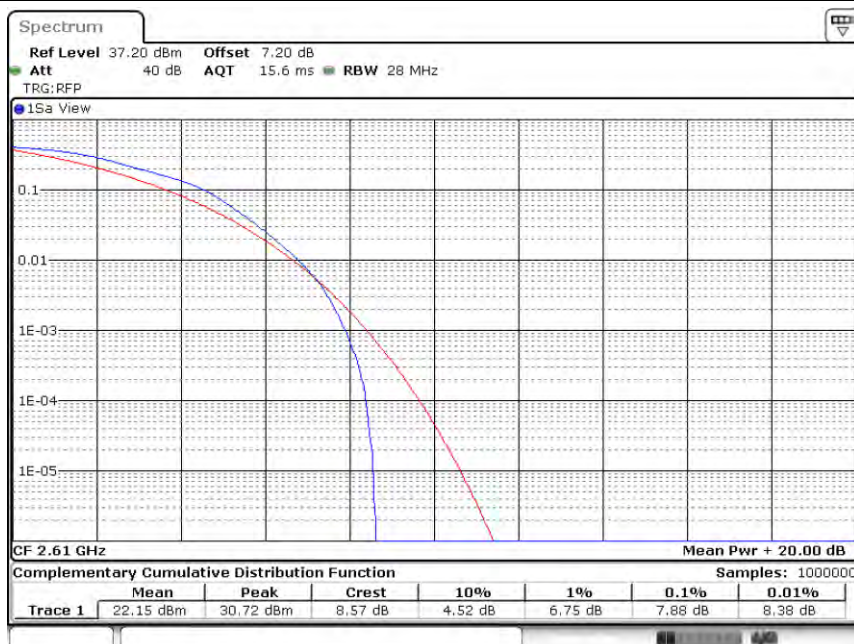


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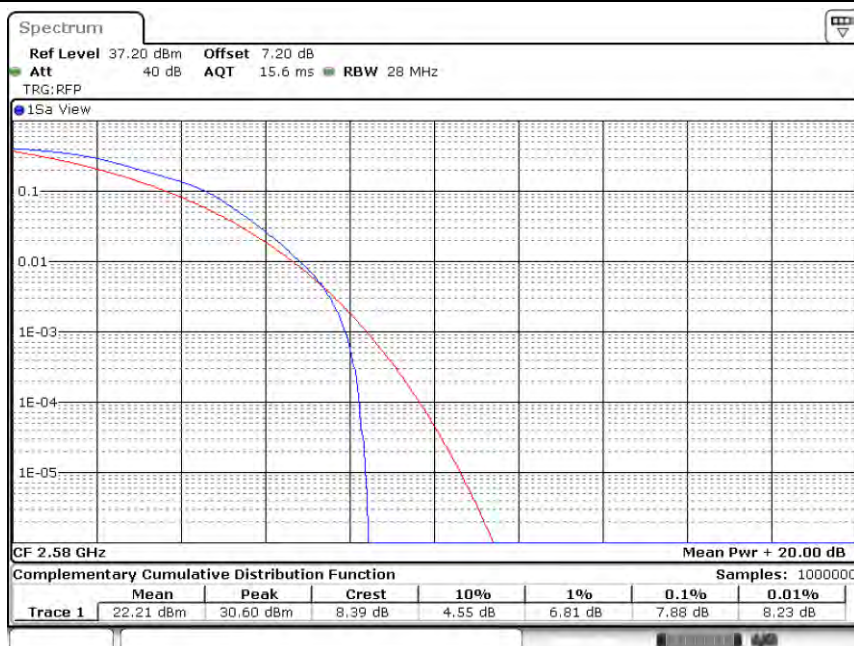


Band38-20MHz-64QAM-38150-100RB#0



Date: 29 DEC. 2020 09:20:52

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



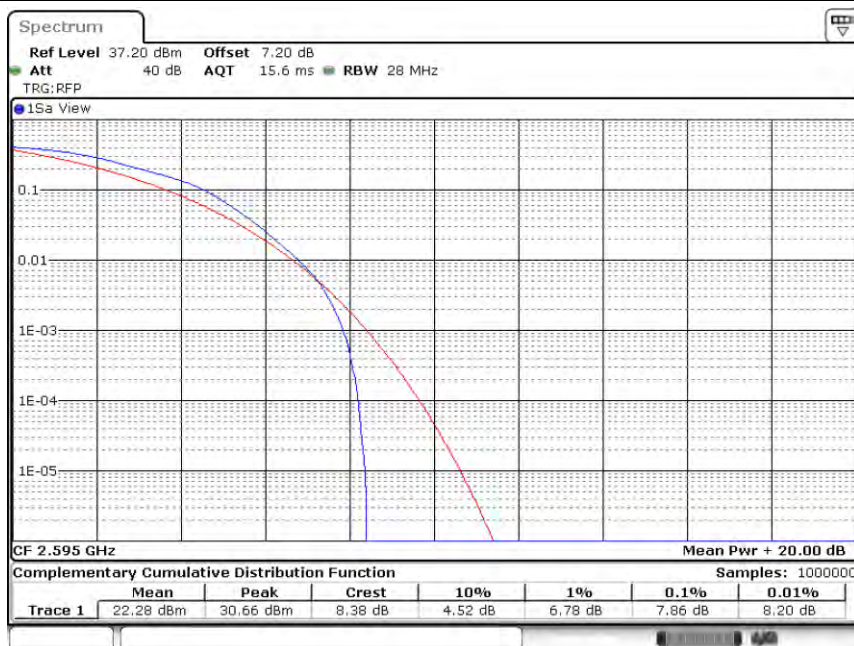
Date: 29 DEC. 2020 08:43:41



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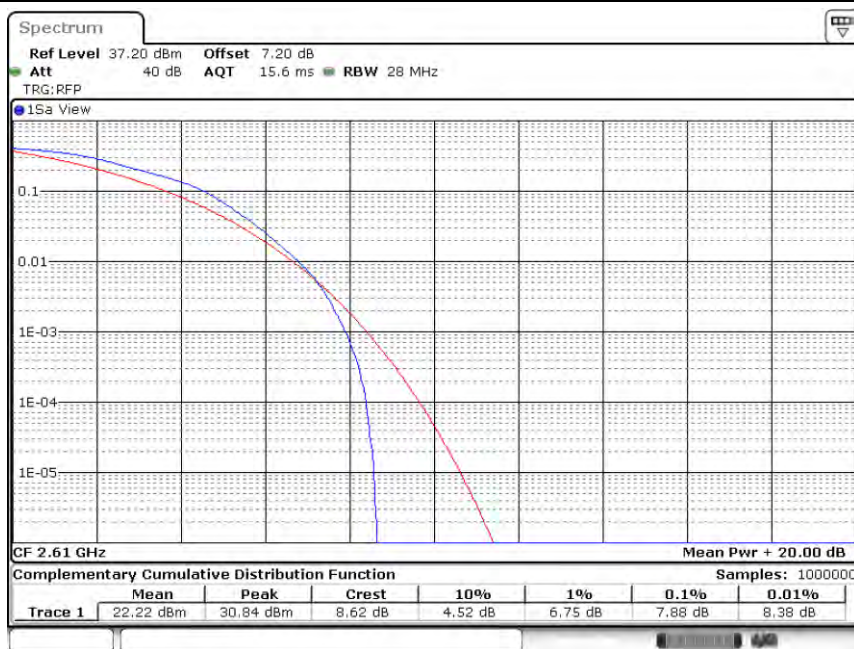
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Band38-20MHz-16QAM-38000-100RB#0



Date: 29 DEC. 2020 08:44:03

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



Date: 29 DEC. 2020 08:44:26



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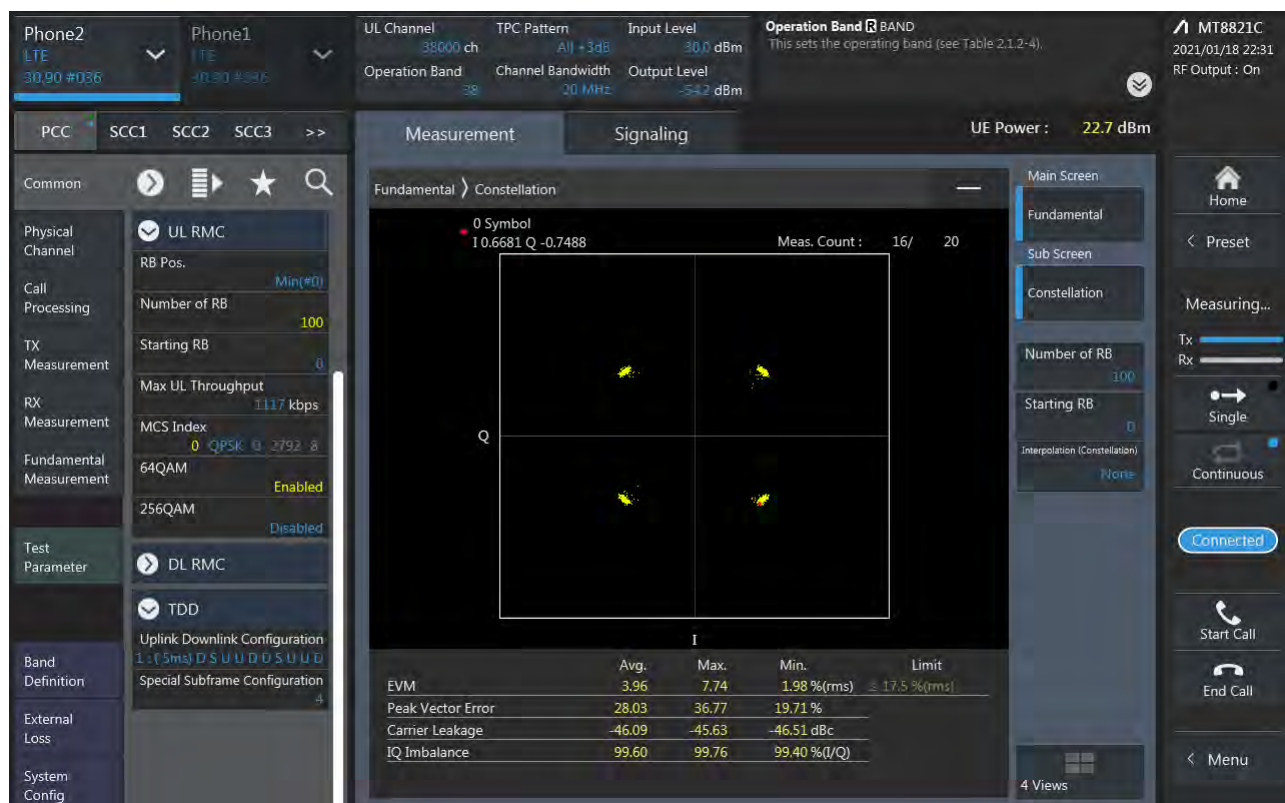
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3. Modulation Characteristics

3.1. Test Mode = LTE /TM1 20MHz

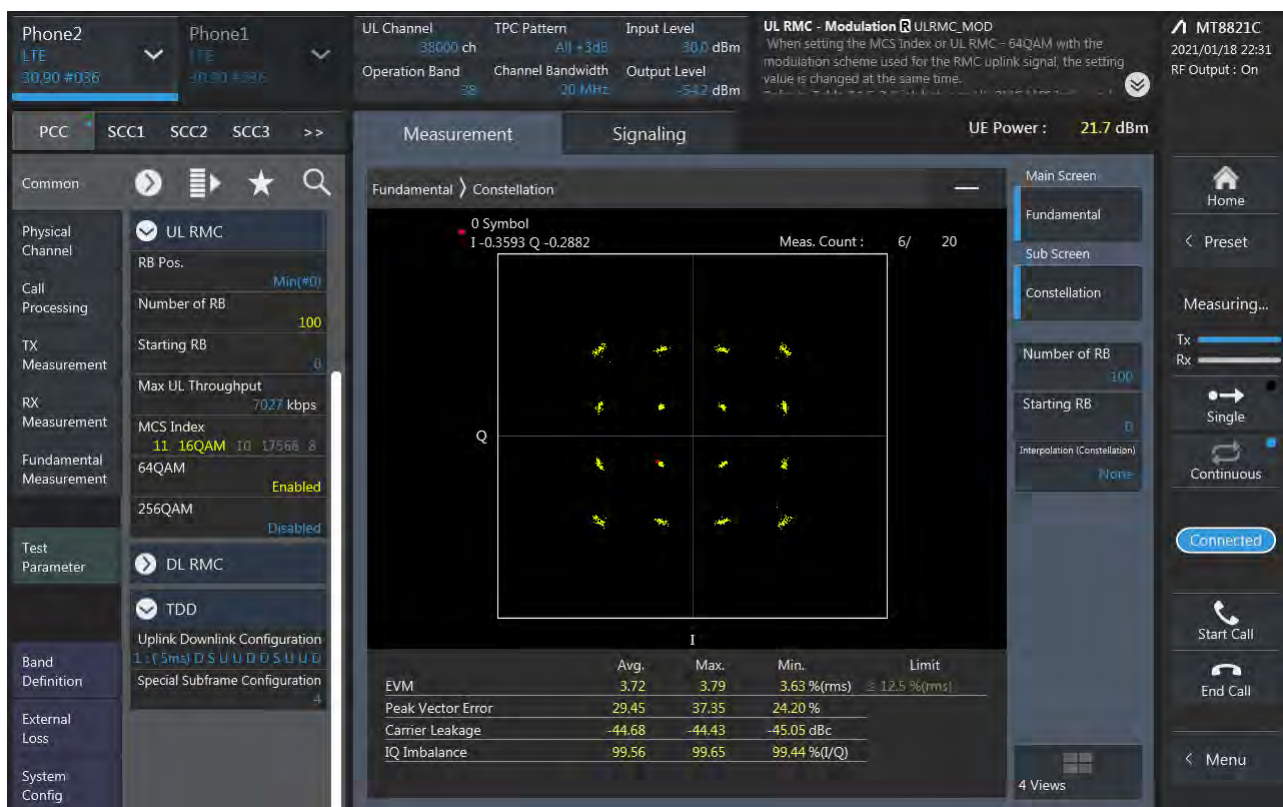
3.1.1. Test Channel = MCH





3.2. Test Mode = LTE /TM2 20MHz

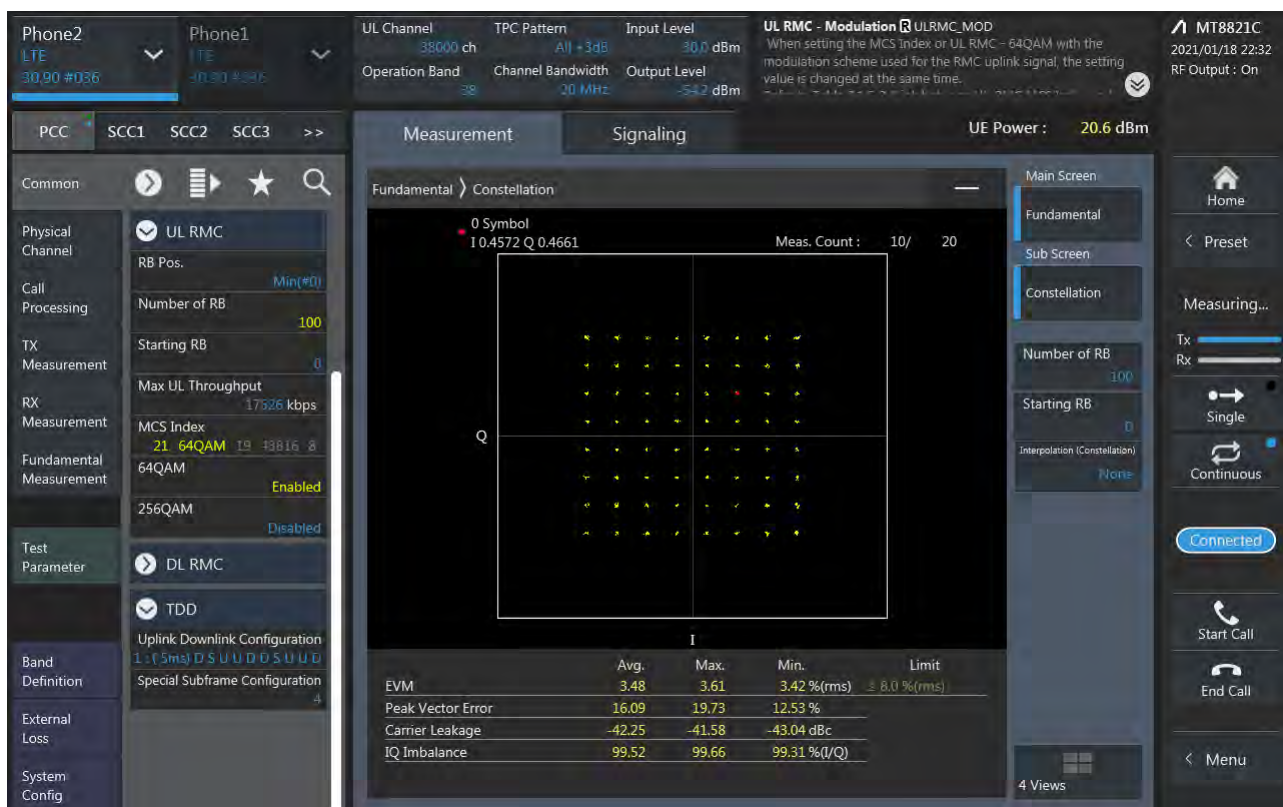
3.2.1. Test Channel = MCH





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	4.466	4.880	PASS
Band38	5MHz	QPSK	38000	25RB#0	4.466	4.850	PASS
Band38	5MHz	QPSK	38225	25RB#0	4.466	4.870	PASS
Band38	5MHz	64QAM	37775	25RB#0	4.466	4.890	PASS
Band38	5MHz	64QAM	38000	25RB#0	4.466	4.870	PASS
Band38	5MHz	64QAM	38225	25RB#0	4.466	4.880	PASS
Band38	5MHz	16QAM	37775	25RB#0	4.486	4.940	PASS
Band38	5MHz	16QAM	38000	25RB#0	4.496	4.940	PASS
Band38	5MHz	16QAM	38225	25RB#0	4.486	4.920	PASS
Band38	10MHz	QPSK	37800	50RB#0	8.911	9.660	PASS
Band38	10MHz	QPSK	38000	50RB#0	8.911	9.700	PASS
Band38	10MHz	QPSK	38200	50RB#0	8.931	9.700	PASS
Band38	10MHz	64QAM	37800	50RB#0	8.911	9.740	PASS
Band38	10MHz	64QAM	38000	50RB#0	8.911	9.740	PASS
Band38	10MHz	64QAM	38200	50RB#0	8.911	9.760	PASS
Band38	10MHz	16QAM	37800	50RB#0	8.911	9.640	PASS
Band38	10MHz	16QAM	38000	50RB#0	8.911	9.620	PASS
Band38	10MHz	16QAM	38200	50RB#0	8.911	9.640	PASS
Band38	15MHz	QPSK	37825	75RB#0	13.457	14.790	PASS
Band38	15MHz	QPSK	38000	75RB#0	13.457	14.700	PASS
Band38	15MHz	QPSK	38175	75RB#0	13.457	14.790	PASS
Band38	15MHz	64QAM	37825	75RB#0	13.457	14.730	PASS
Band38	15MHz	64QAM	38000	75RB#0	13.457	14.760	PASS
Band38	15MHz	64QAM	38175	75RB#0	13.457	14.730	PASS
Band38	15MHz	16QAM	37825	75RB#0	13.427	14.670	PASS
Band38	15MHz	16QAM	38000	75RB#0	13.427	14.670	PASS
Band38	15MHz	16QAM	38175	75RB#0	13.427	14.670	PASS
Band38	20MHz	QPSK	37850	100RB#0	17.902	19.400	PASS
Band38	20MHz	QPSK	38000	100RB#0	17.902	19.440	PASS
Band38	20MHz	QPSK	38150	100RB#0	17.902	19.360	PASS
Band38	20MHz	64QAM	37850	100RB#0	17.862	19.360	PASS



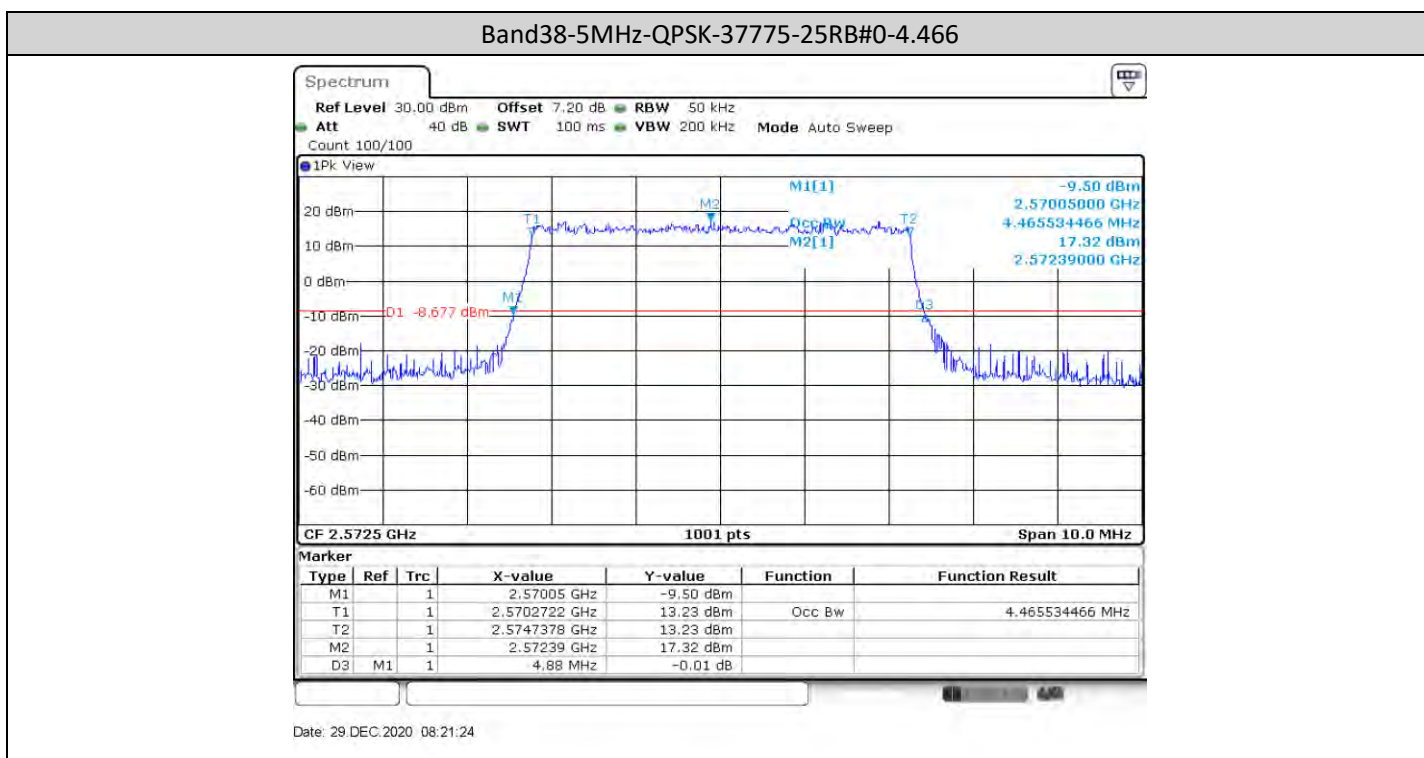
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Band38	20MHz	64QAM	38000	100RB#0	17.862	19.360	PASS
Band38	20MHz	64QAM	38150	100RB#0	17.862	19.320	PASS
Band38	20MHz	16QAM	37850	100RB#0	17.862	19.400	PASS
Band38	20MHz	16QAM	38000	100RB#0	17.862	19.320	PASS
Band38	20MHz	16QAM	38150	100RB#0	17.862	19.320	PASS

4.2. Test Plots

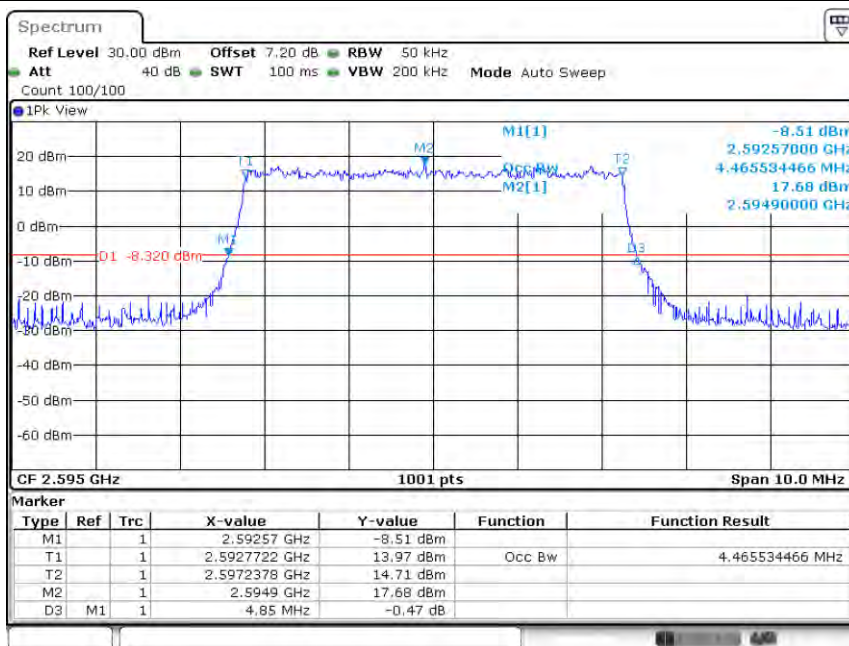


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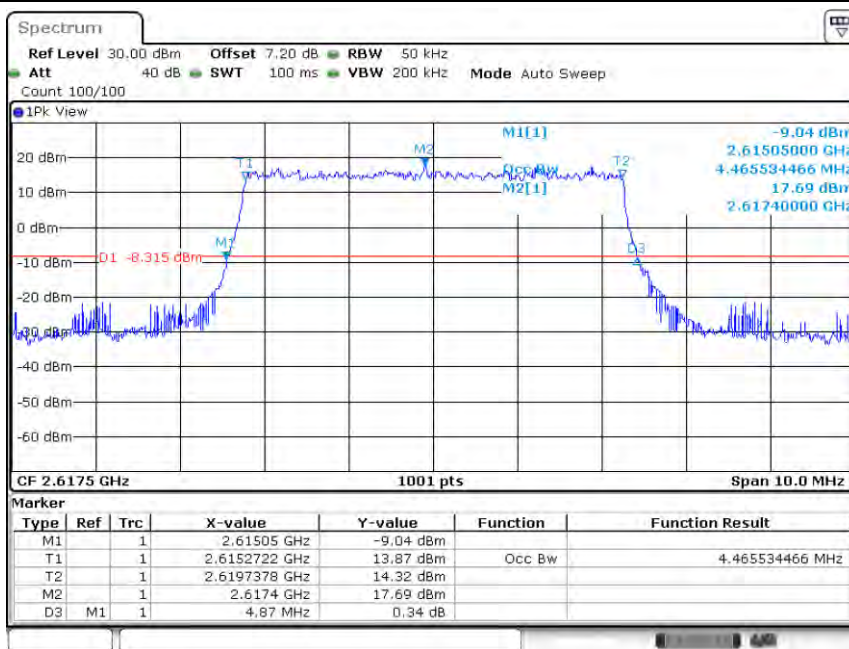


Band38-5MHz-QPSK-38000-25RB#0-4.466



Date: 29 DEC. 2020 08:22:03

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



Date: 29 DEC. 2020 08:22:43

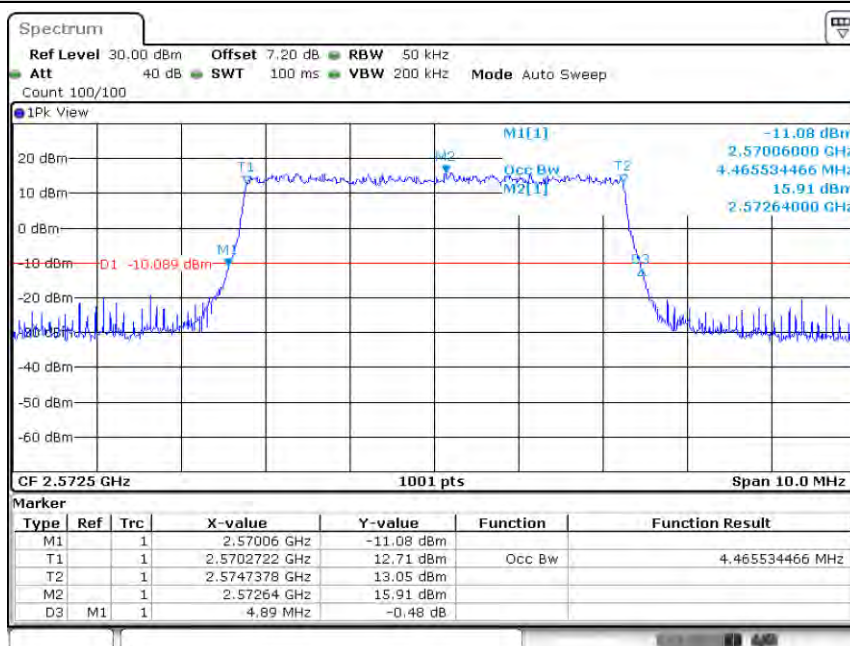


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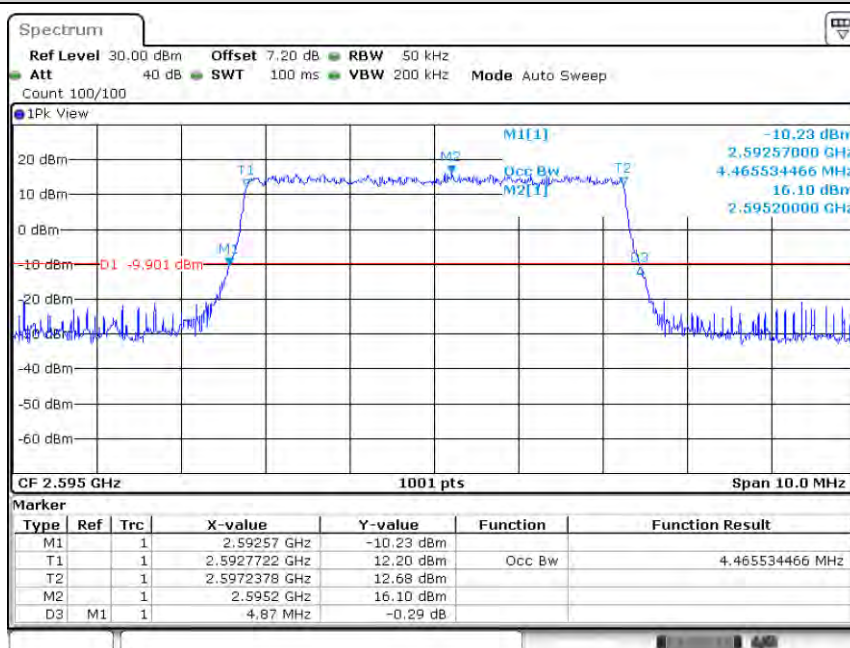


Band38-5MHz-64QAM-37775-25RB#0-4.466



Date: 29 DEC. 2020 09:08:28

Band38-5MHz-64QAM-38000-25RB#0-4.466



Date: 29 DEC. 2020 09:08:48



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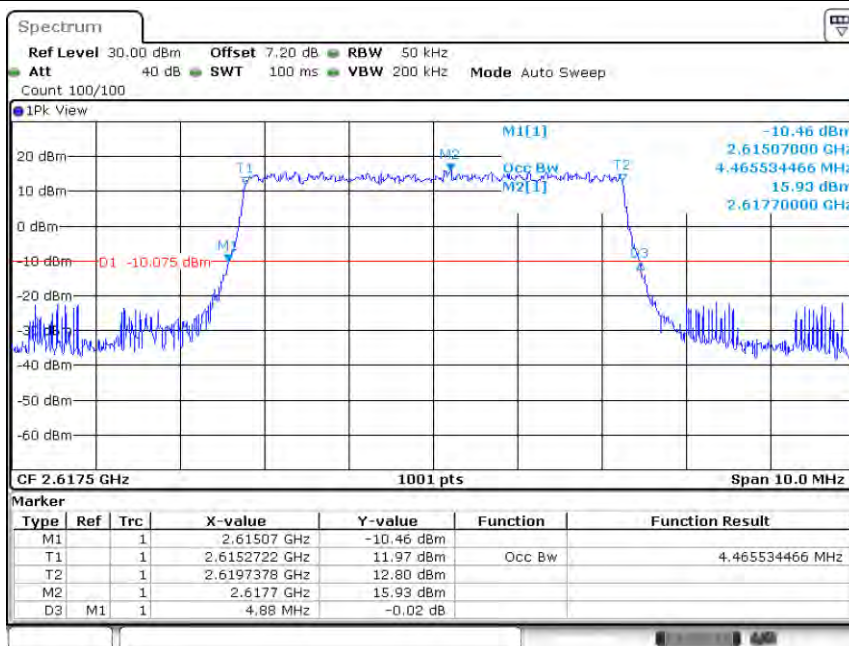
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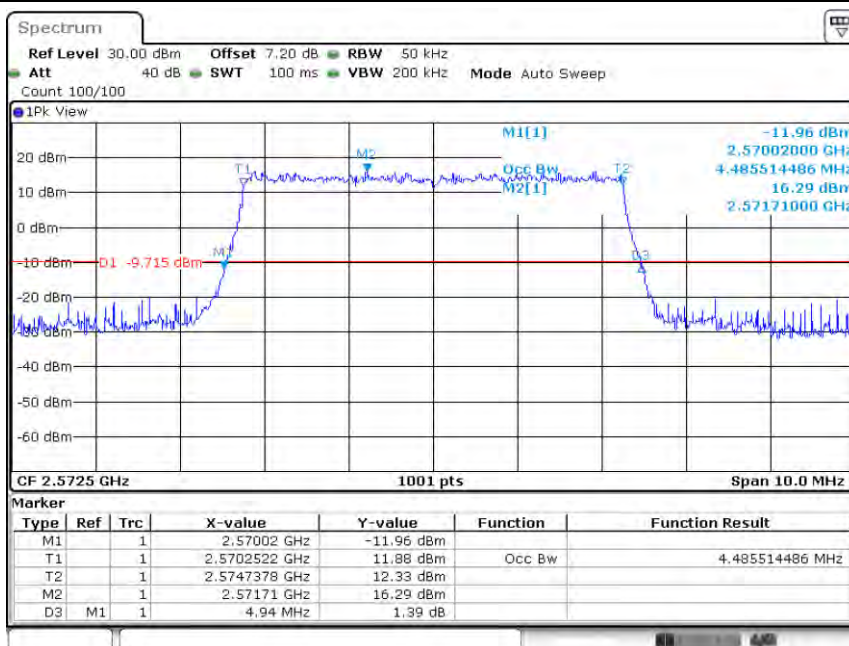


Band38-5MHz-64QAM-38225-25RB#0-4.466



Date: 29 DEC. 2020 09:09:08

Band38-5MHz-16QAM-37775-25RB#0-4.486



Date: 29 DEC. 2020 08:21:44

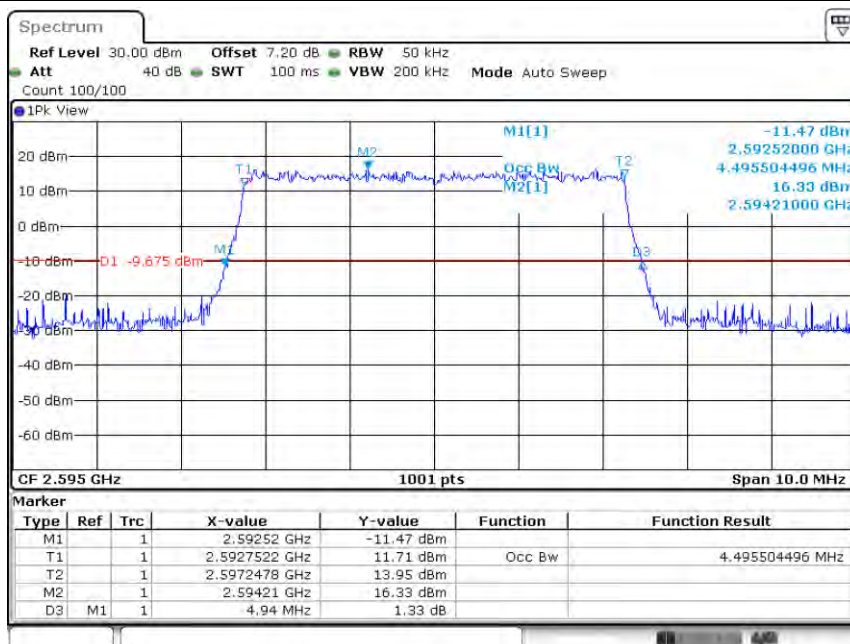


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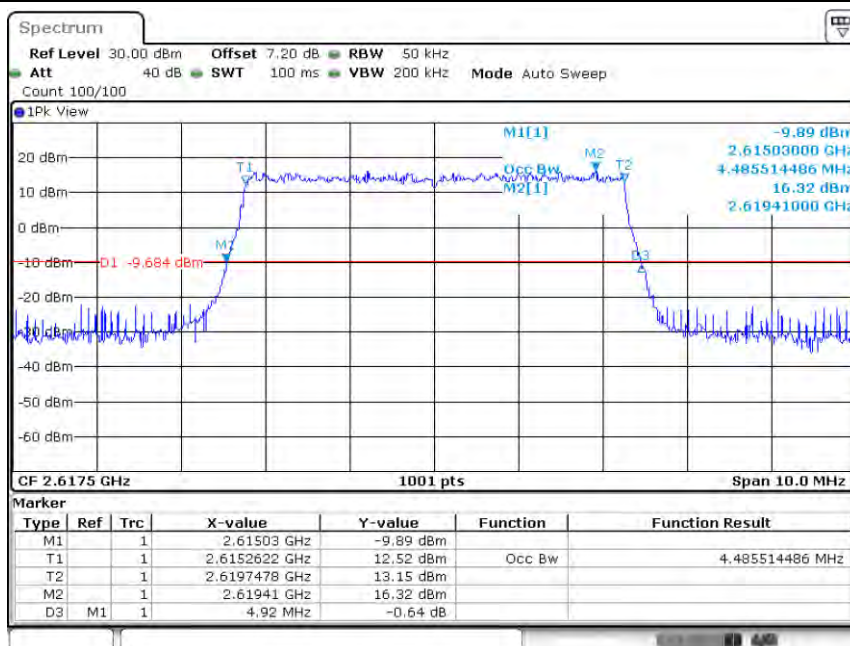


Band38-5MHz-16QAM-38000-25RB#0-4.496



Date: 29 DEC. 2020 08:22:23

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



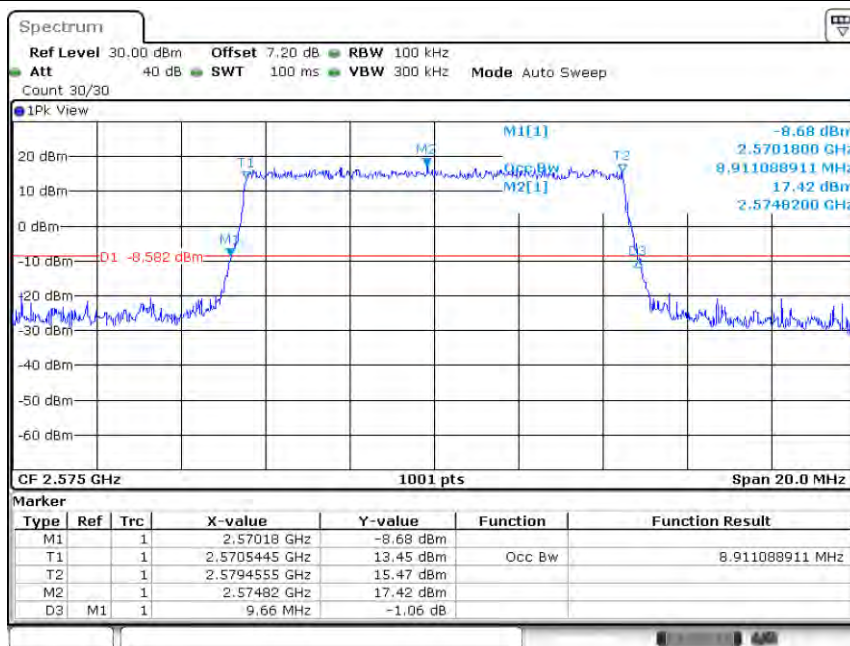
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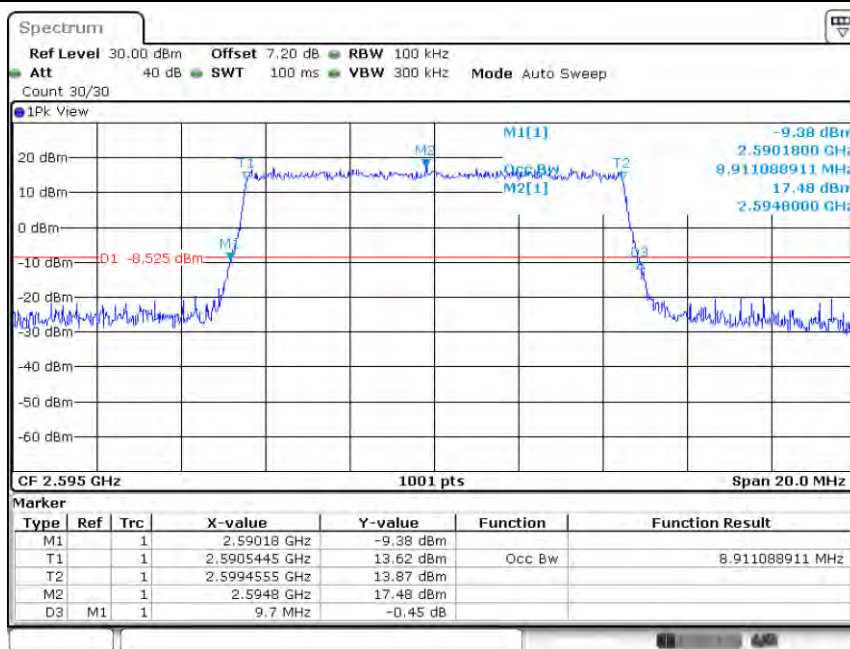
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Band38-10MHz-QPSK-37800-50RB#0-8.911



Date: 29 DEC. 2020 08:23:20

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

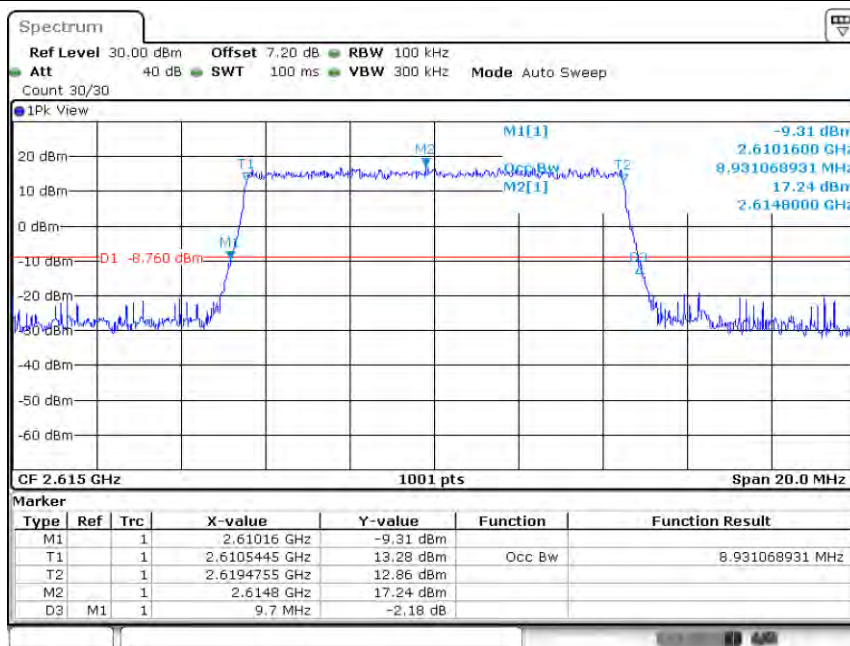


Date: 29 DEC. 2020 08:23:45



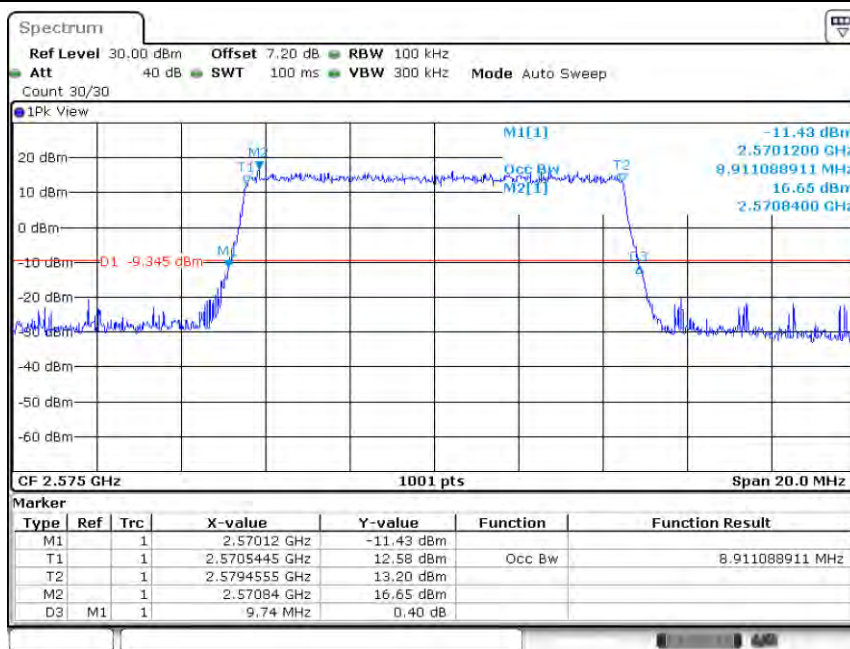


Band38-10MHz-QPSK-38200-50RB#0-8.931



Date: 29 DEC. 2020 08:24:11

Band38-10MHz-64QAM-37800-50RB#0-8.911



Date: 29 DEC. 2020 09:09:28



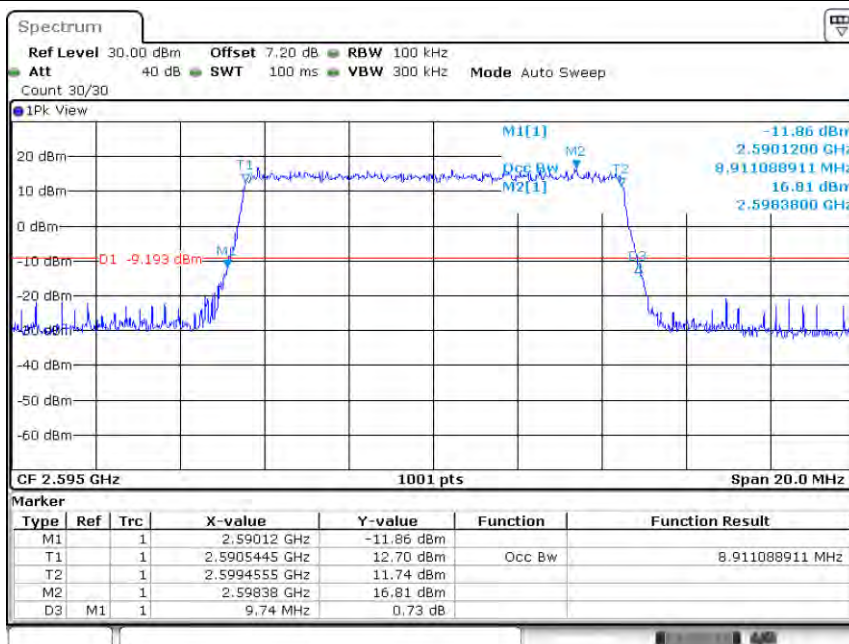
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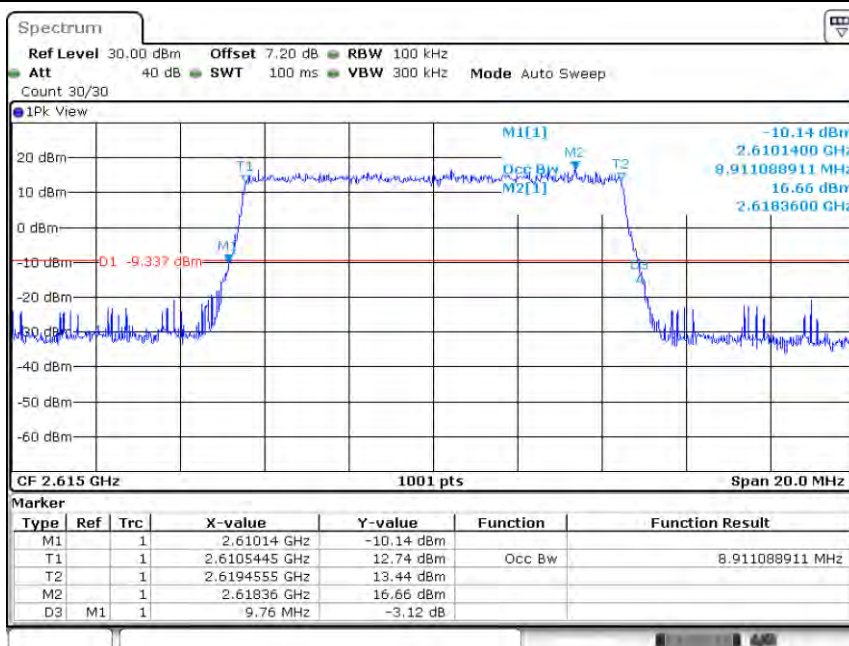


Band38-10MHz-64QAM-38000-50RB#0-8.911



Date: 29 DEC. 2020 09:09:41

Band38-10MHz-64QAM-38200-50RB#0-8.911



Date: 29 DEC. 2020 09:09:54



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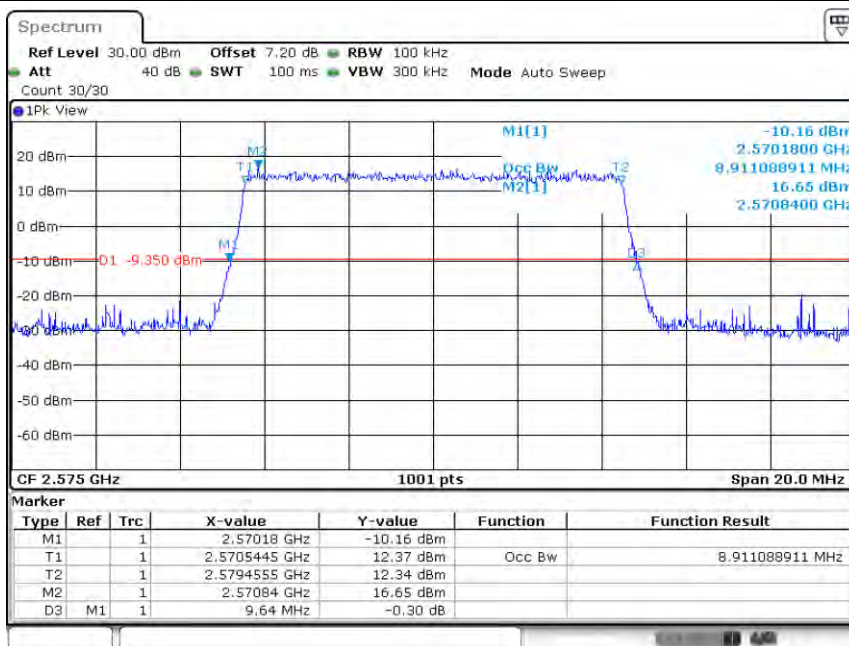
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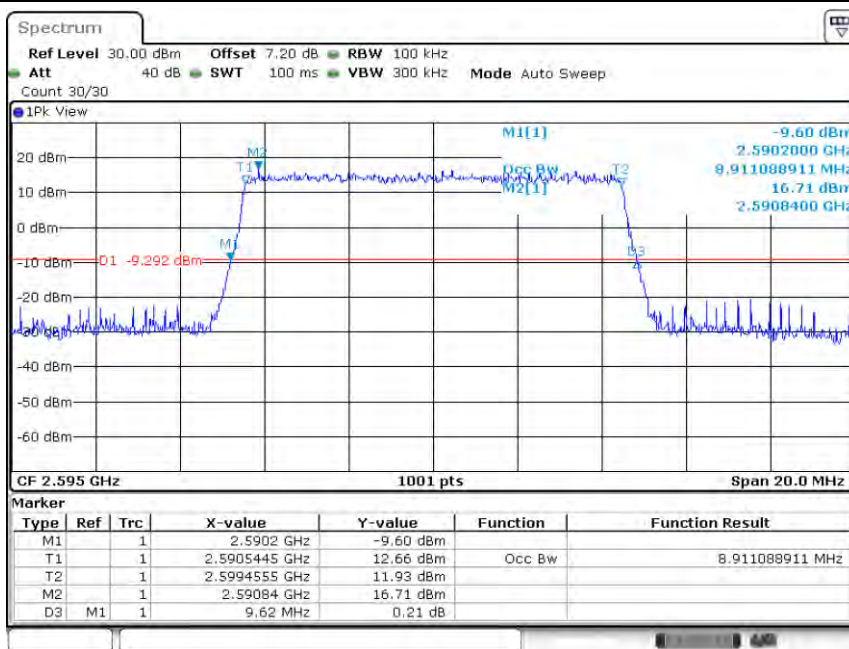


Band38-10MHz-16QAM-37800-50RB#0-8.911



Date: 29 DEC. 2020 08:23:33

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



Date: 29 DEC. 2020 08:23:58

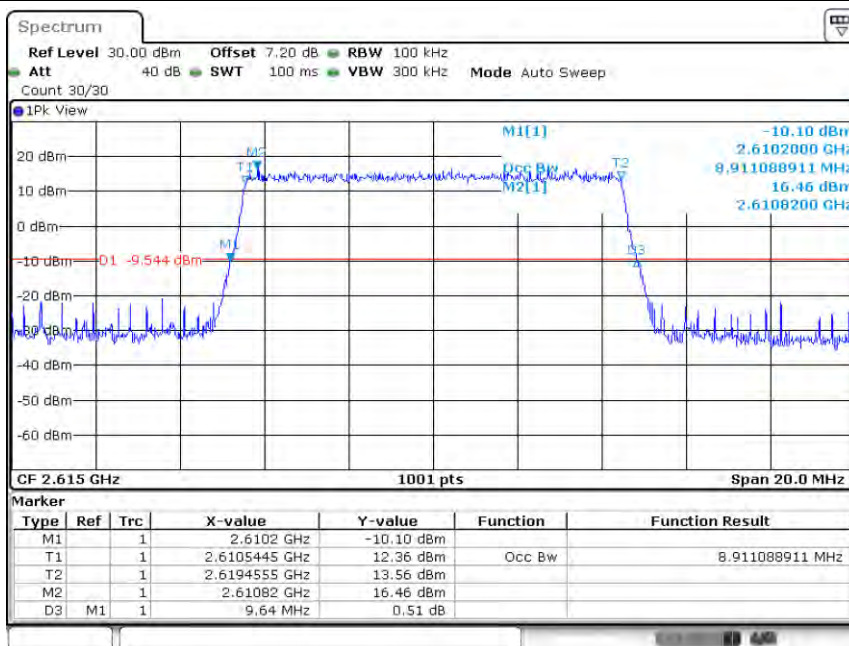


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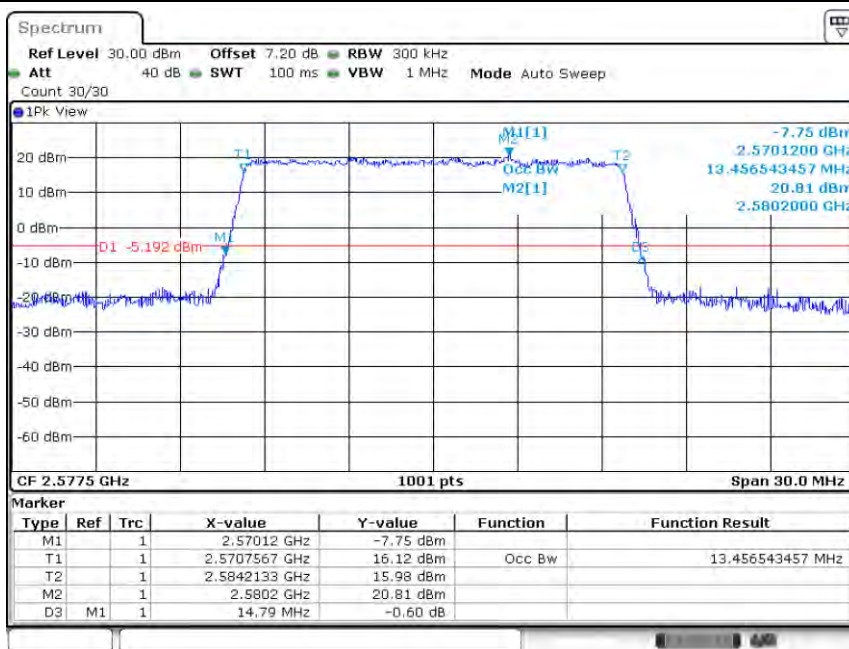


Band38-10MHz-16QAM-38200-50RB#0-8.911



Date: 29 DEC. 2020 08:24:24

Band38-15MHz-QPSK-37825-75RB#0-13.457



Date: 29 DEC. 2020 08:24:41



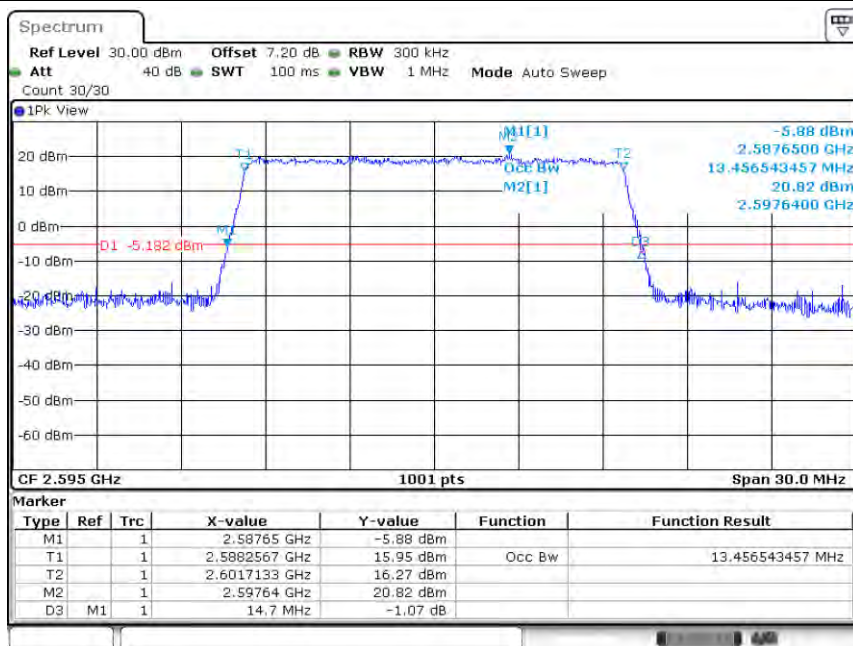
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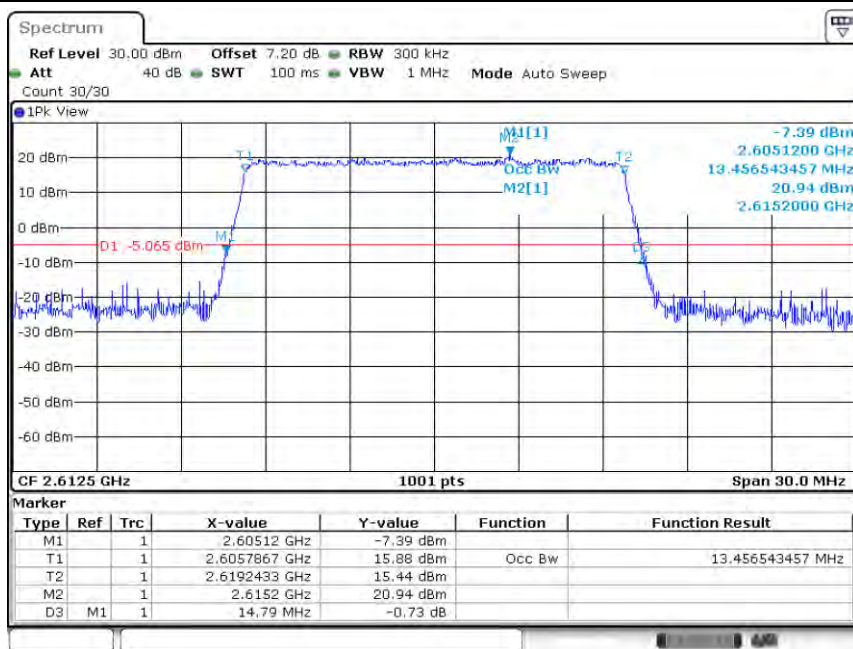
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Band38-15MHz-QPSK-38000-75RB#0-13.457



Date: 29 DEC. 2020 08:25:06

Band38-15MHz-QPSK-38175-75RB#0-13.457



Date: 29 DEC. 2020 08:25:32



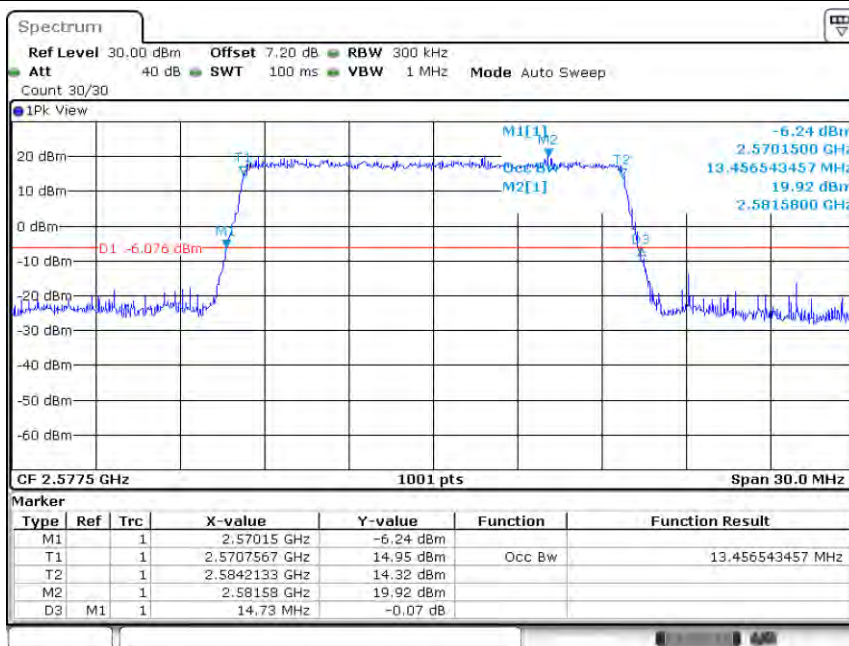
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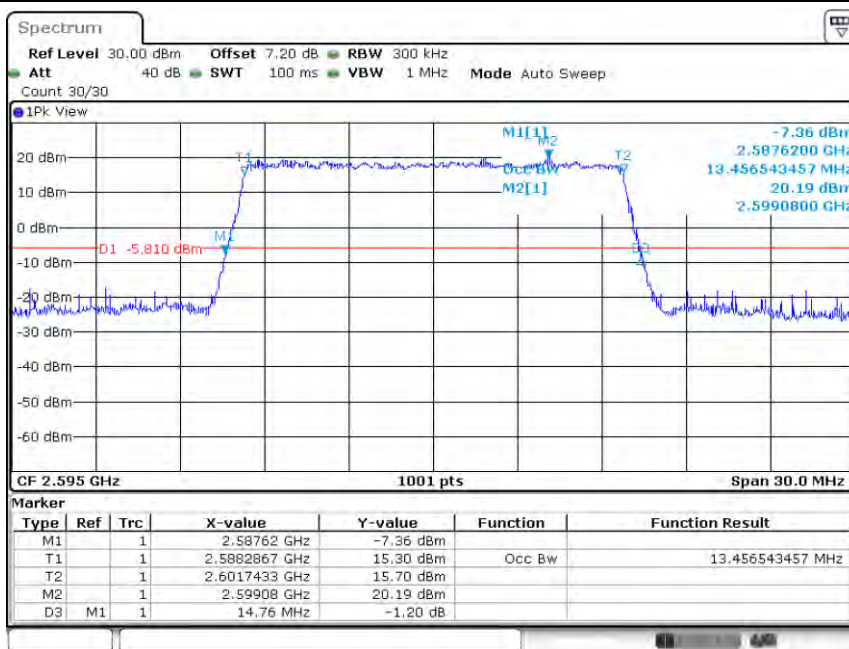


Band38-15MHz-64QAM-37825-75RB#0-13.457



Date: 29 DEC. 2020 09:10:12

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



Date: 29 DEC. 2020 09:10:25



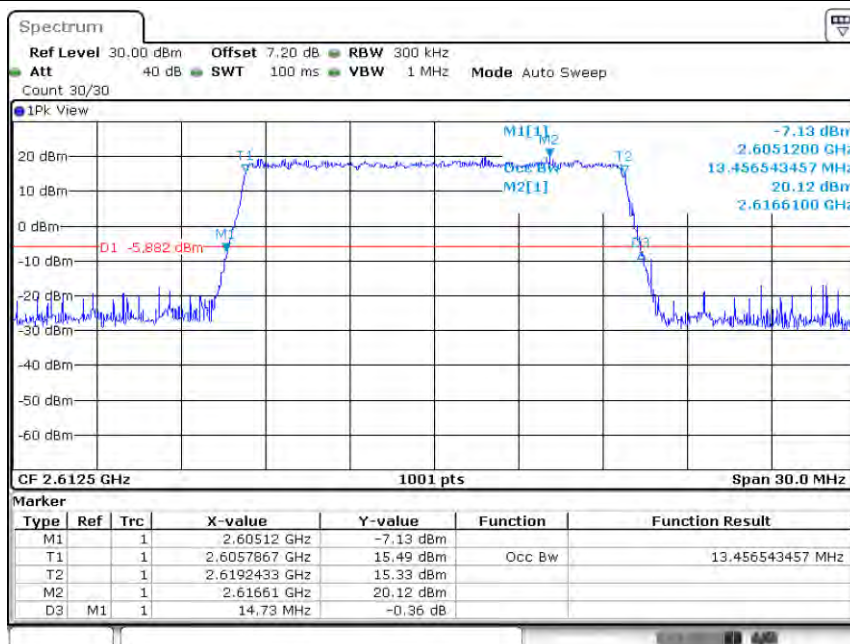
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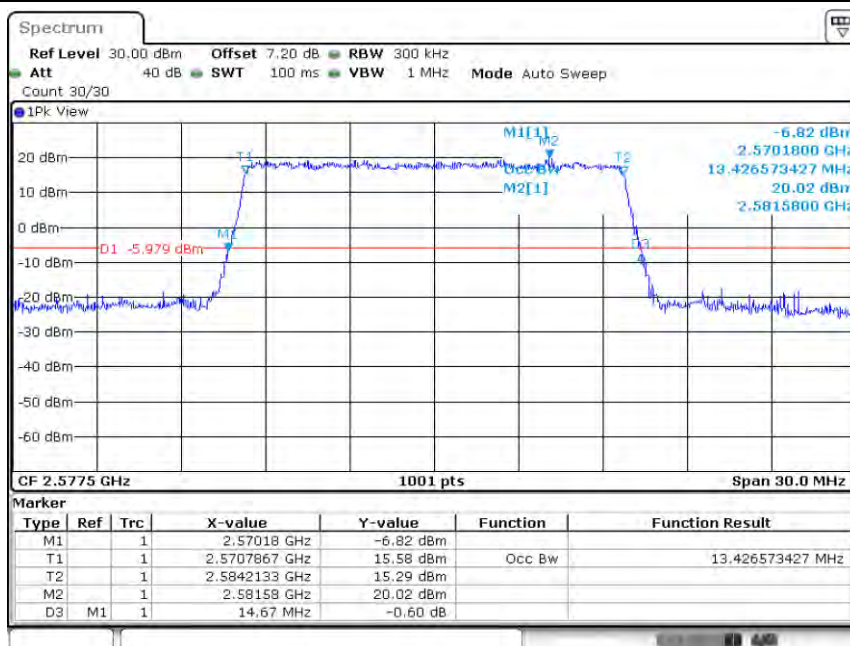


Band38-15MHz-64QAM-38175-75RB#0-13.457



Date: 29 DEC. 2020 09:10:38

Band38-15MHz-16QAM-37825-75RB#0-13.427



Date: 29 DEC. 2020 08:24:54

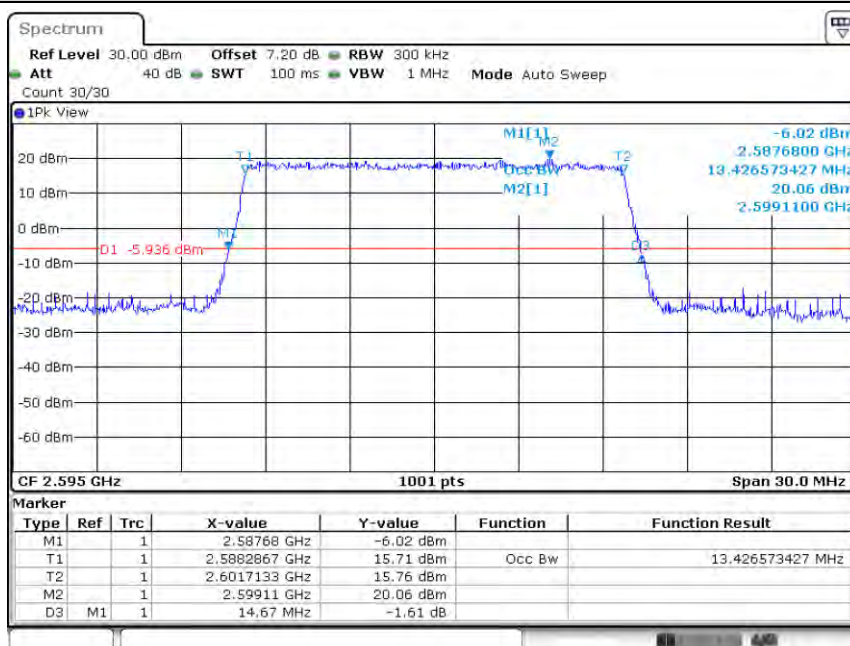


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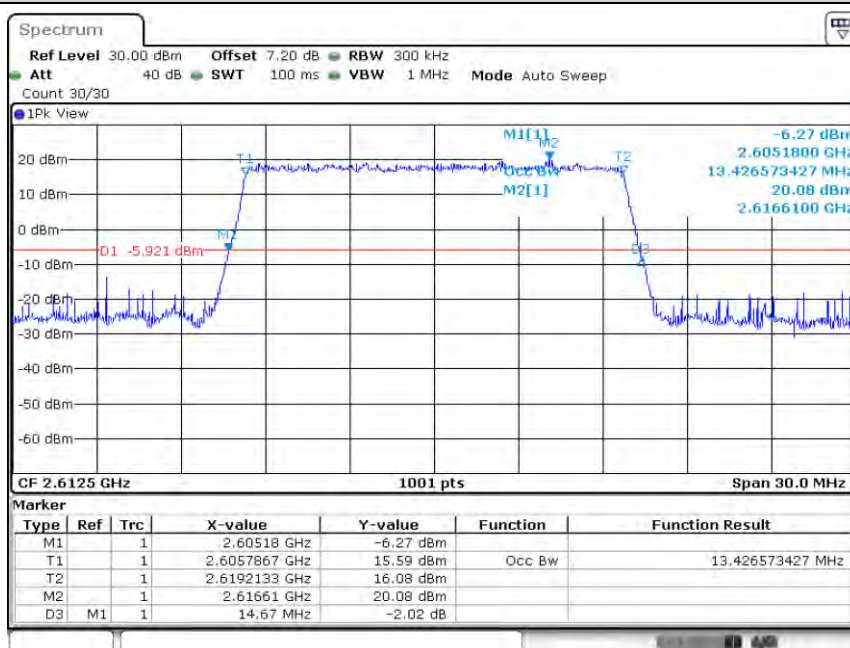


Band38-15MHz-16QAM-38000-75RB#0-13.427



Date: 29 DEC. 2020 08:25:19

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



Date: 29 DEC. 2020 08:25:45

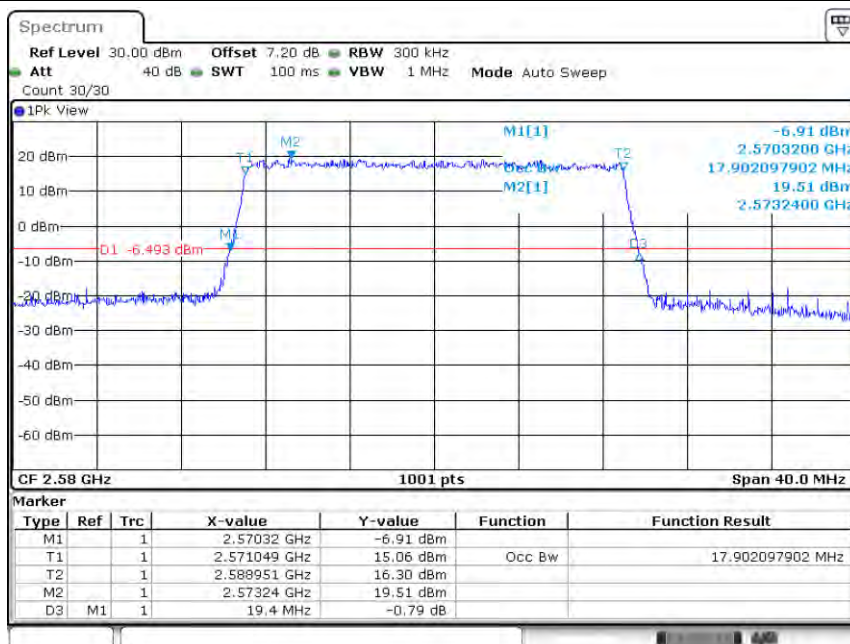


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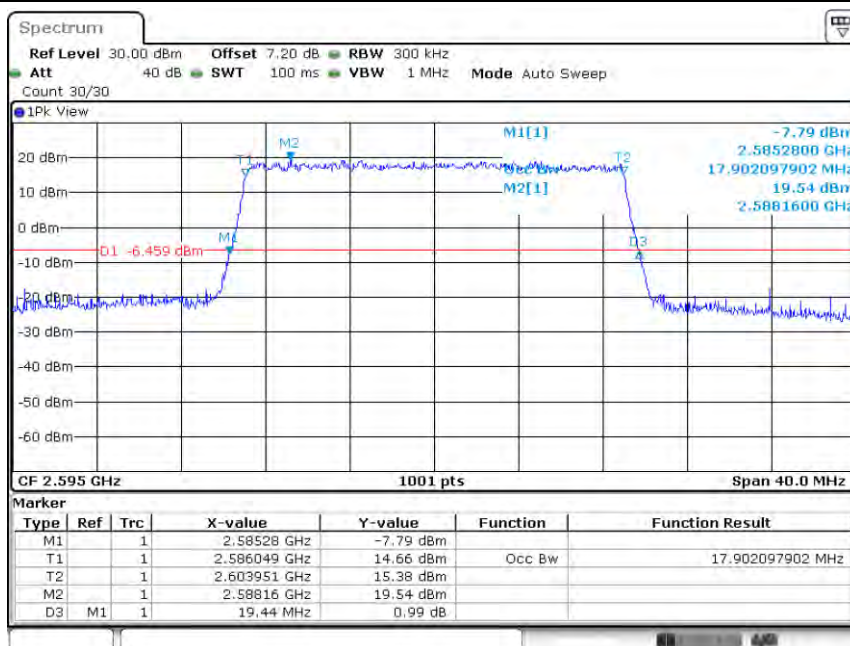


Band38-20MHz-QPSK-37850-100RB#0-17.902



Date: 29 DEC. 2020 08:26:02

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



Date: 29 DEC. 2020 08:26:28

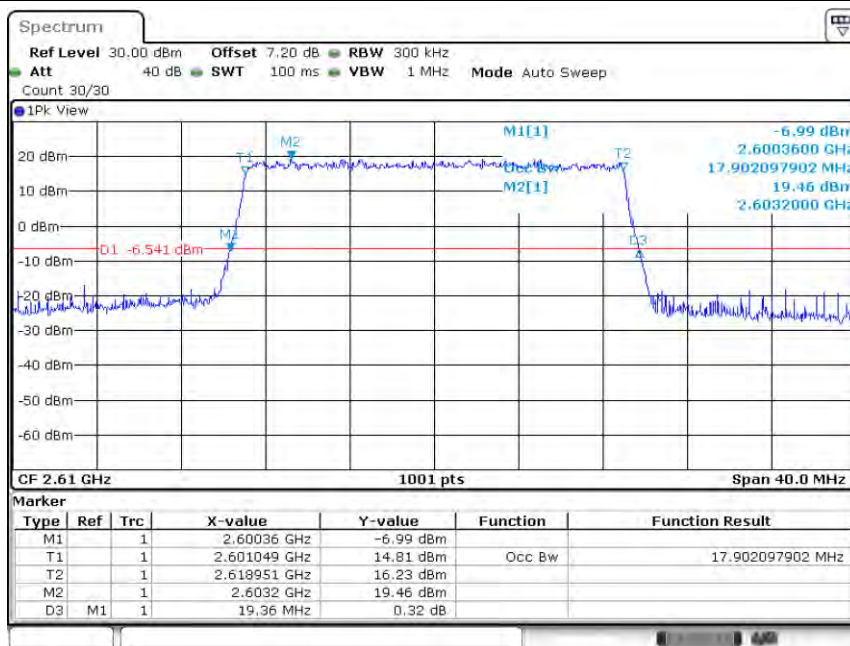


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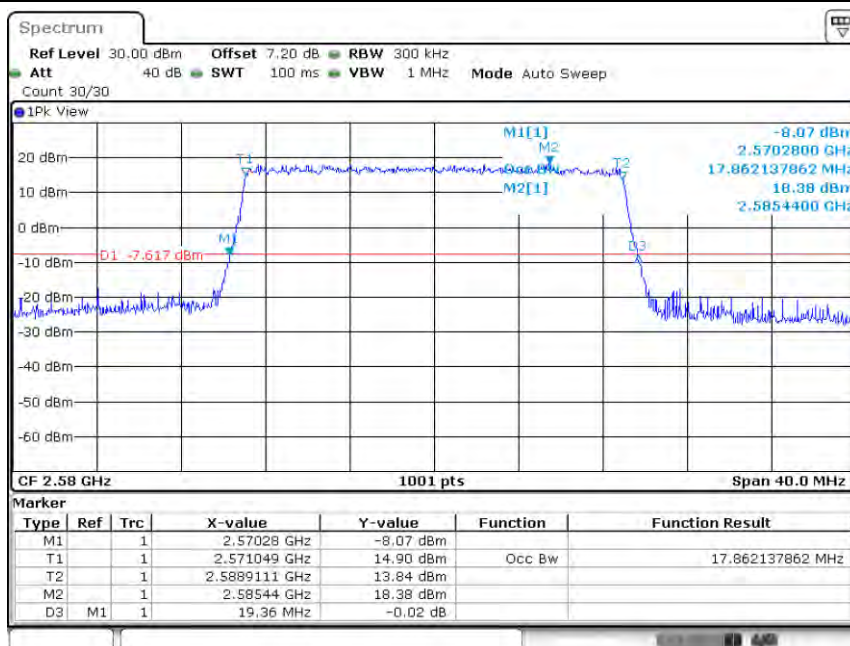


Band38-20MHz-QPSK-38150-100RB#0-17.902



Date: 29 DEC. 2020 08:26:53

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



Date: 29 DEC. 2020 09:10:56



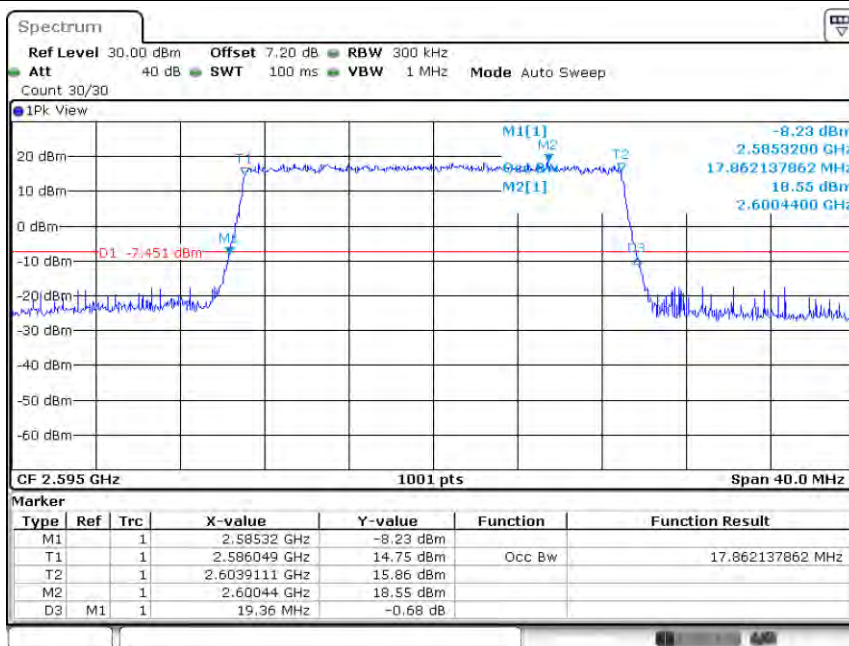
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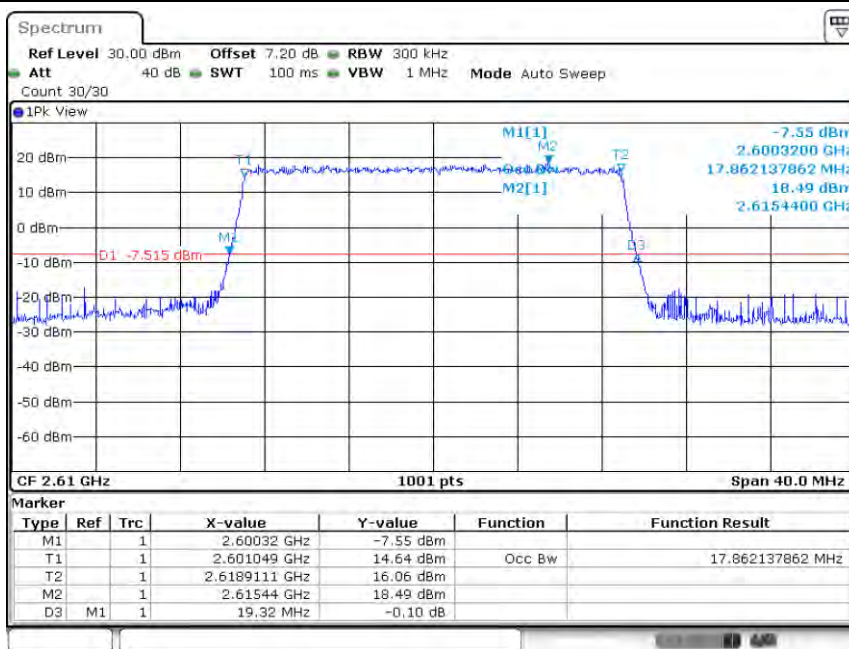


Band38-20MHz-64QAM-38000-100RB#0-17.862



Date: 29 DEC. 2020 09:11:09

Band38-20MHz-64QAM-38150-100RB#0-17.862



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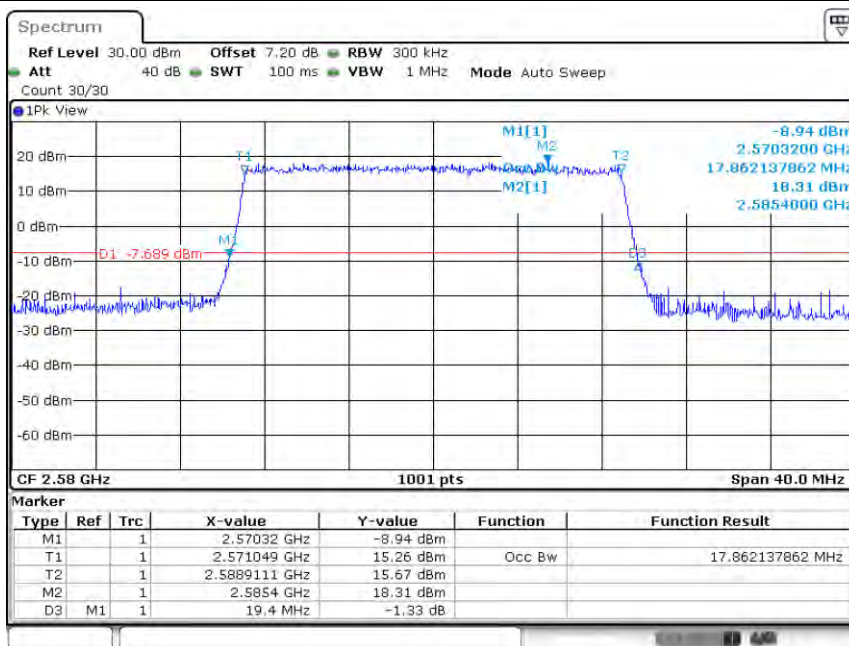


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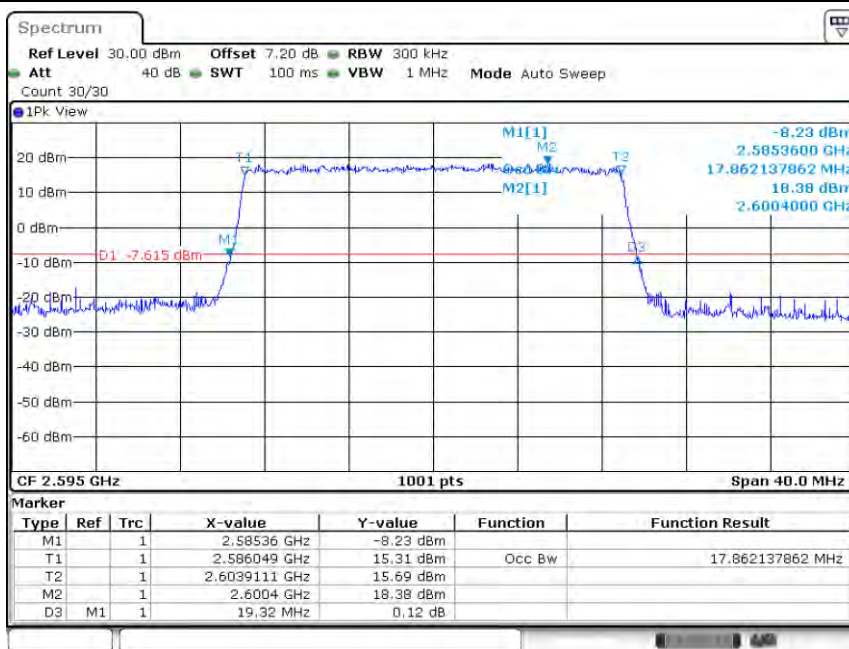


Band38-20MHz-16QAM-37850-100RB#0-17.862



Date: 29 DEC. 2020 08:26:15

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



Date: 29 DEC. 2020 08:26:40

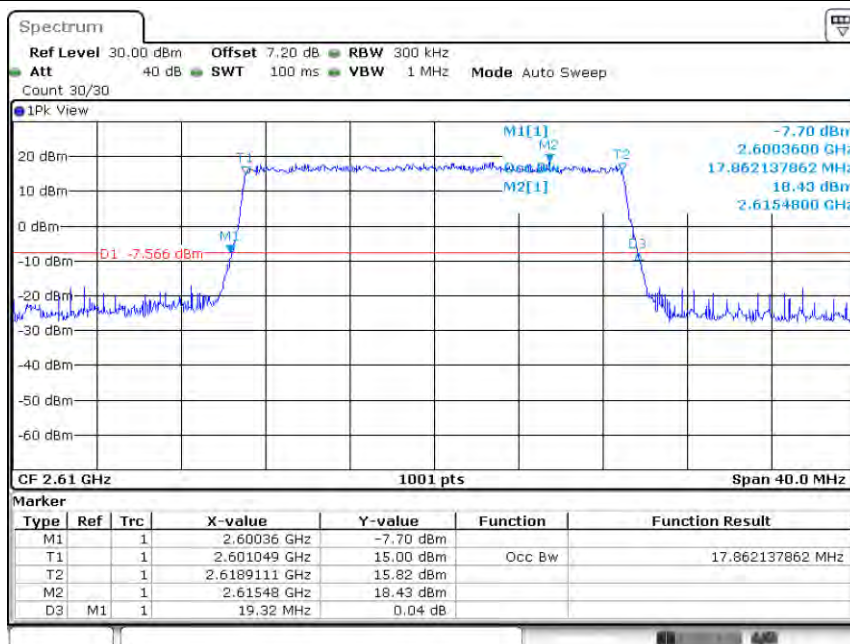


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Band38-20MHz-16QAM-38150-100RB#0-17.862



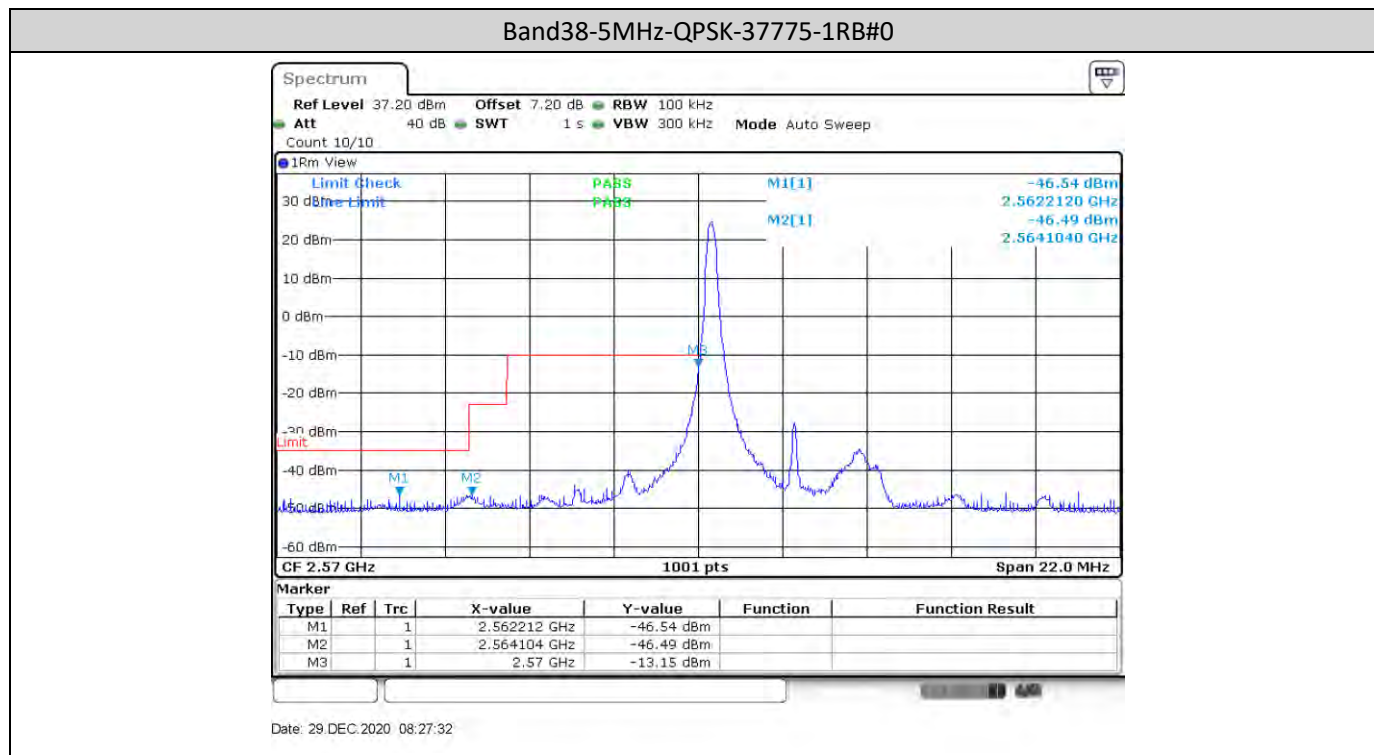
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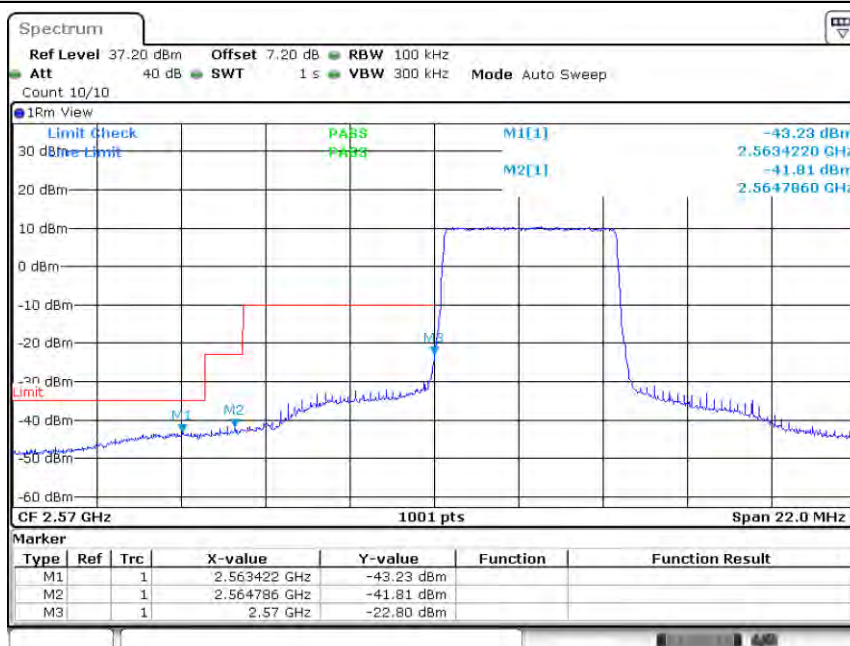
5. Band Edge Compliance

5.1. Test Plots



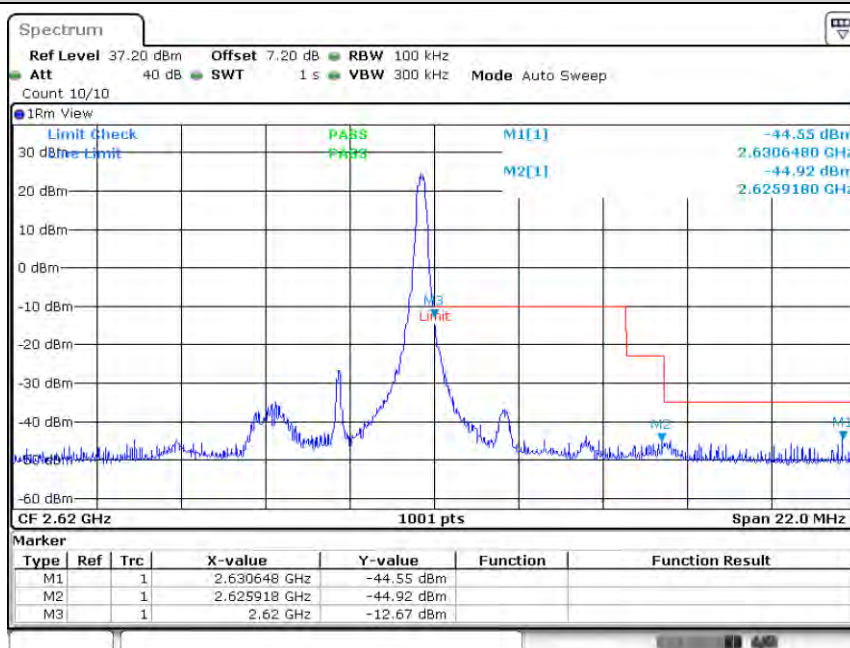


Band38-5MHz-QPSK-37775-25RB#0



Date: 29 DEC. 2020 08:29:07

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



Date: 29 DEC. 2020 08:28:20



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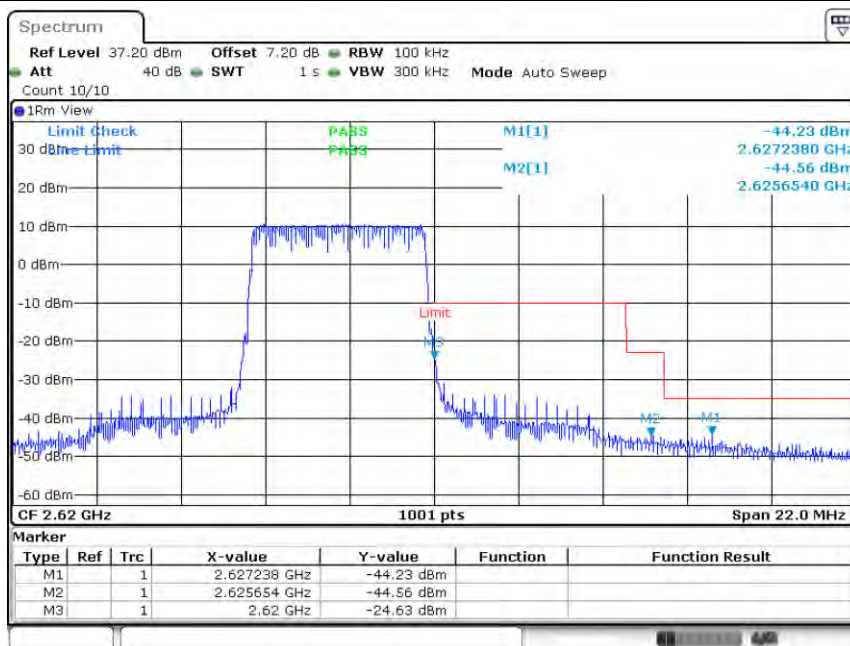
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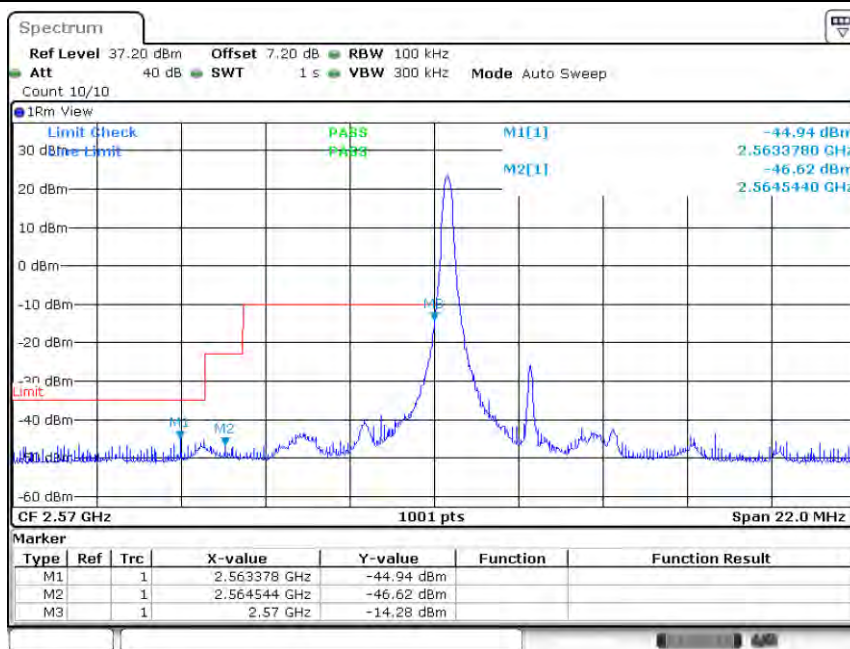
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Band38-5MHz-QPSK-38225-25RB#0



Date: 29 DEC. 2020 08:29:51

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



Date: 29 DEC. 2020 09:11:49

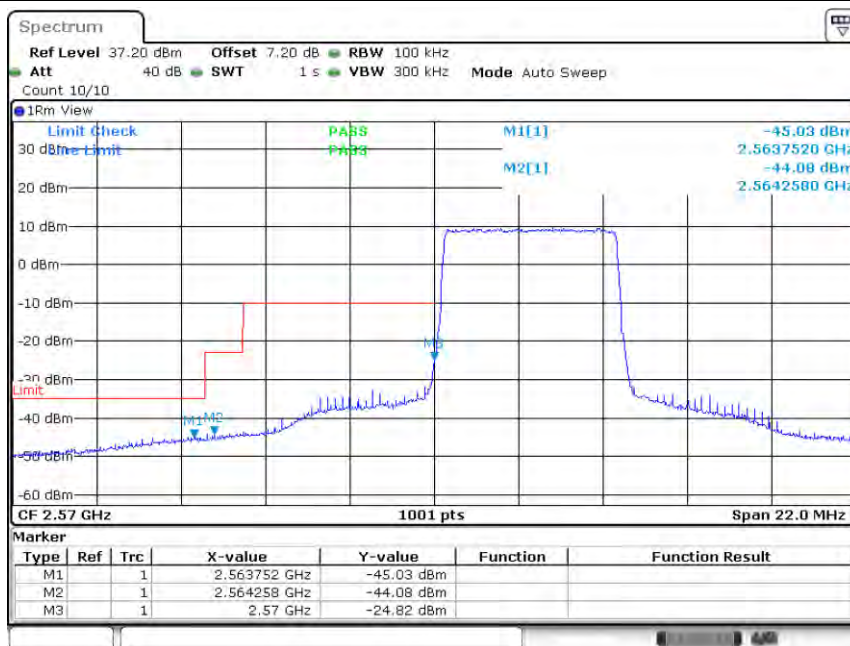


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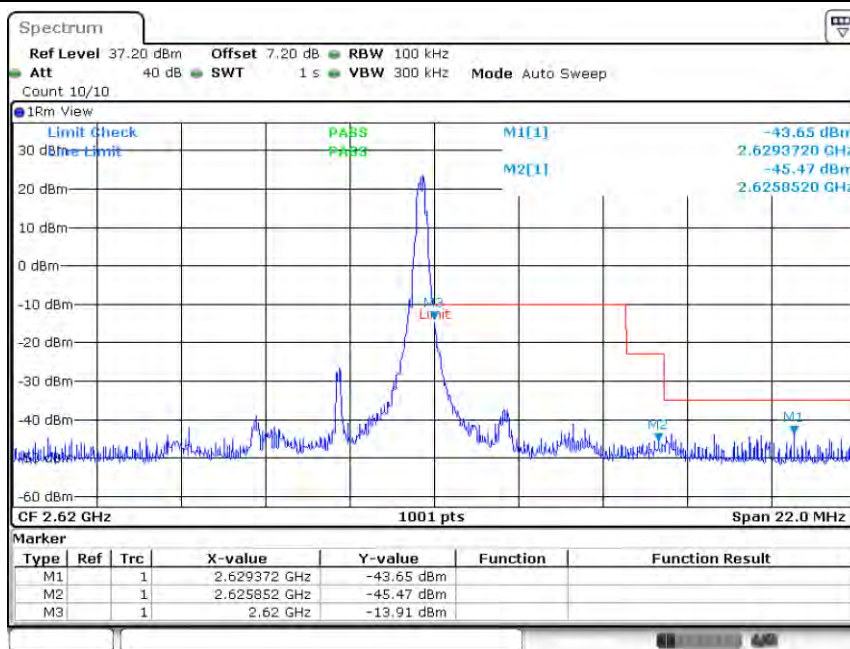


Band38-5MHz-64QAM-37775-25RB#0



Date: 29 DEC. 2020 09:12:41

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



Date: 29 DEC. 2020 09:12:15



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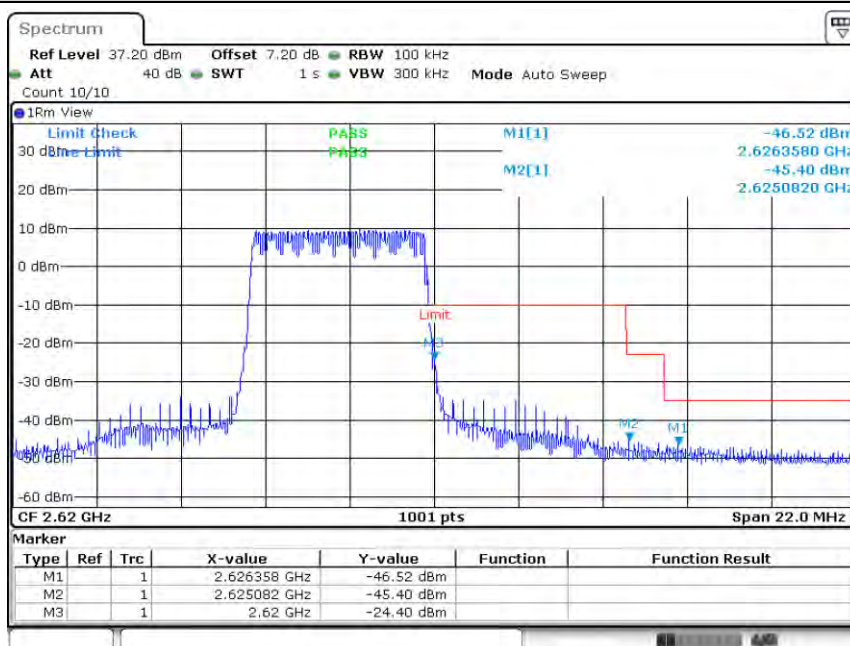
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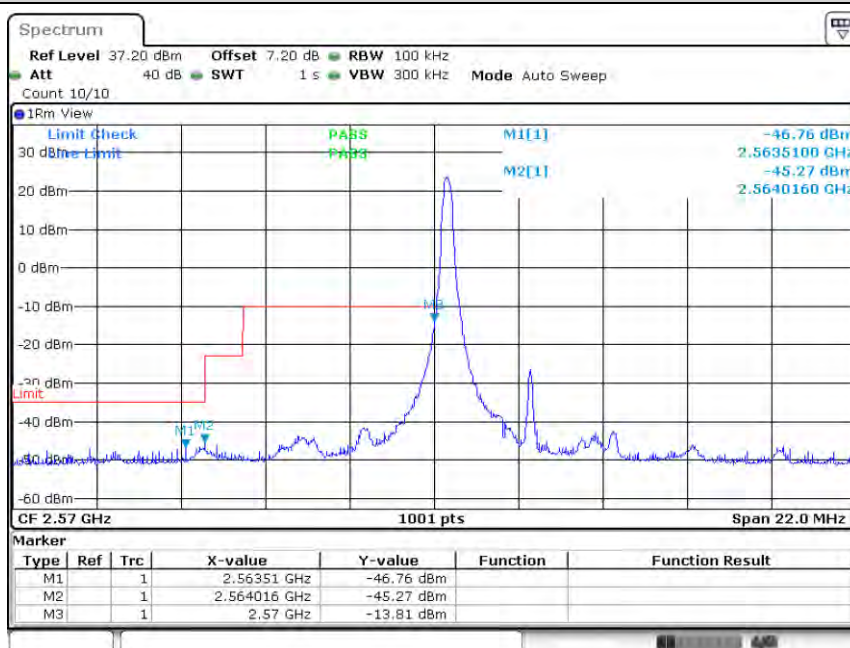
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Band38-5MHz-64QAM-38225-25RB#0



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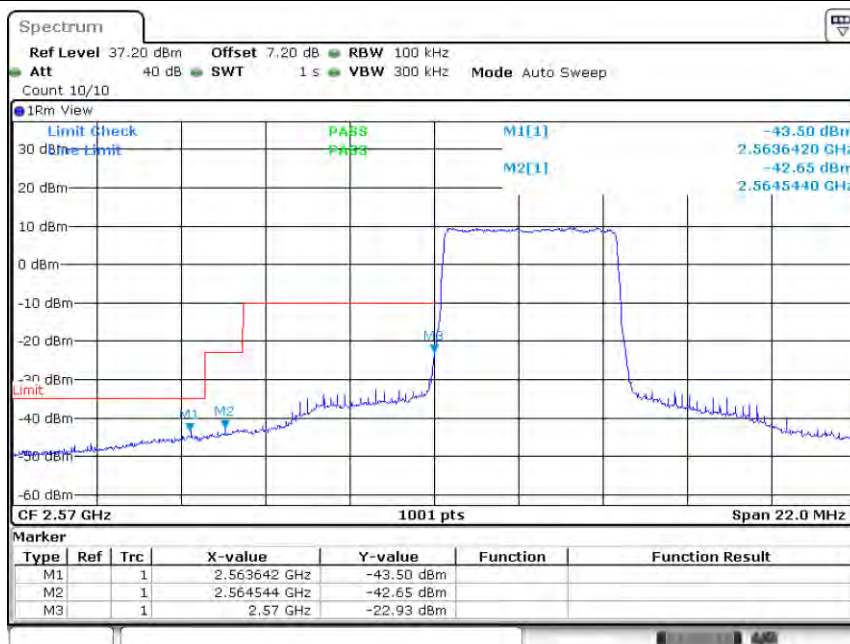
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Date: 29 DEC. 2020 08:27:54

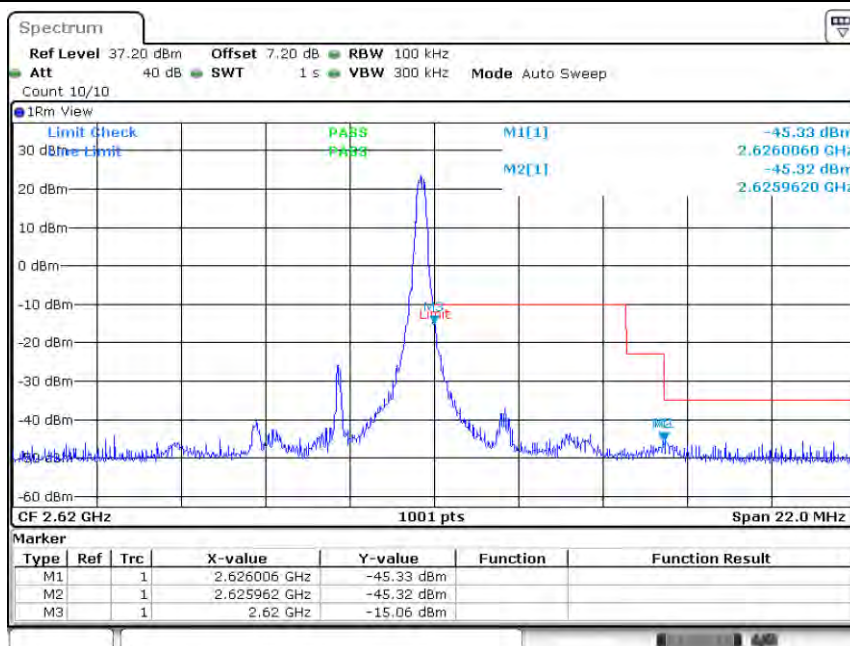


Band38-5MHz-16QAM-37775-25RB#0



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



Date: 29 DEC. 2020 08:28:41



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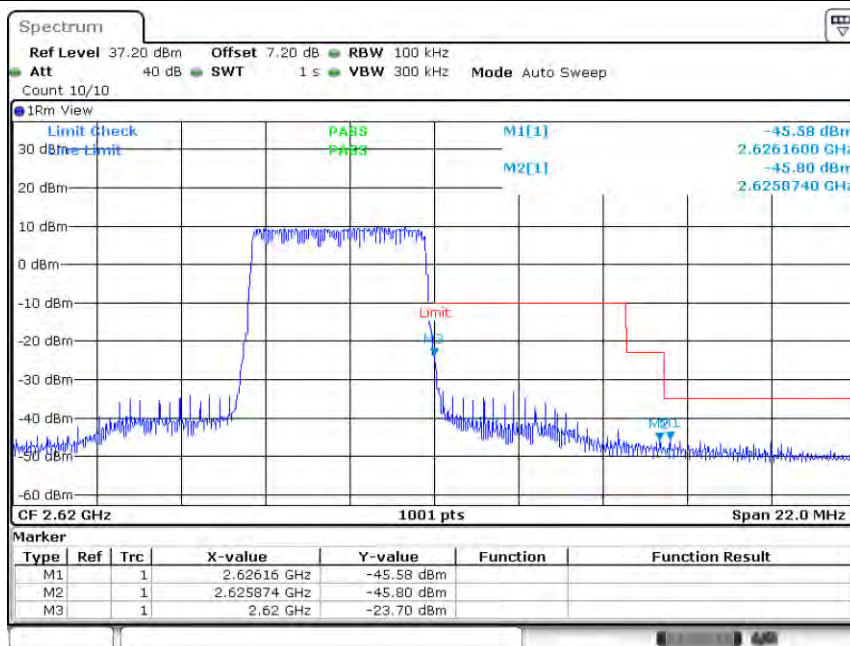
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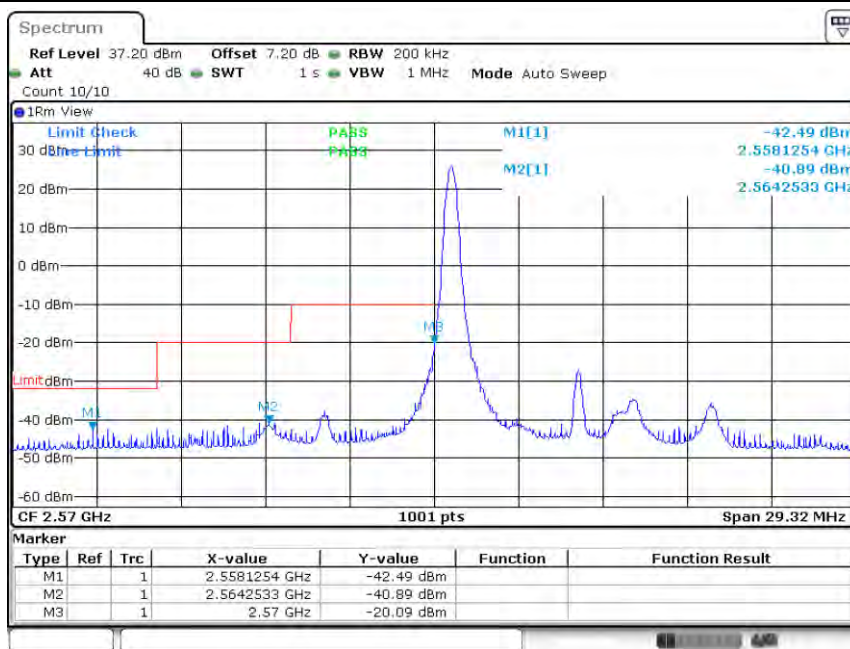


Band38-5MHz-16QAM-38225-25RB#0



Date: 29 DEC. 2020 08:30:12

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



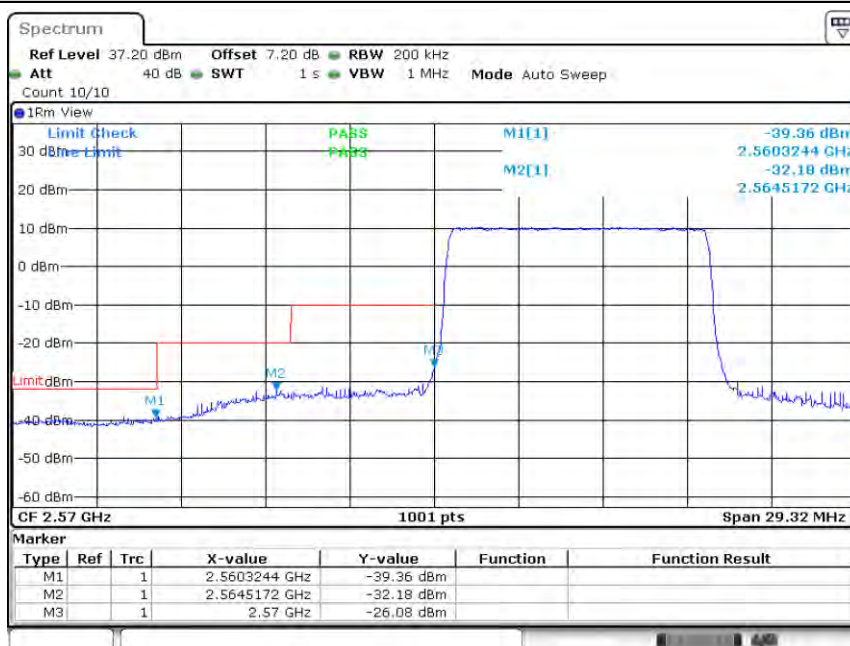
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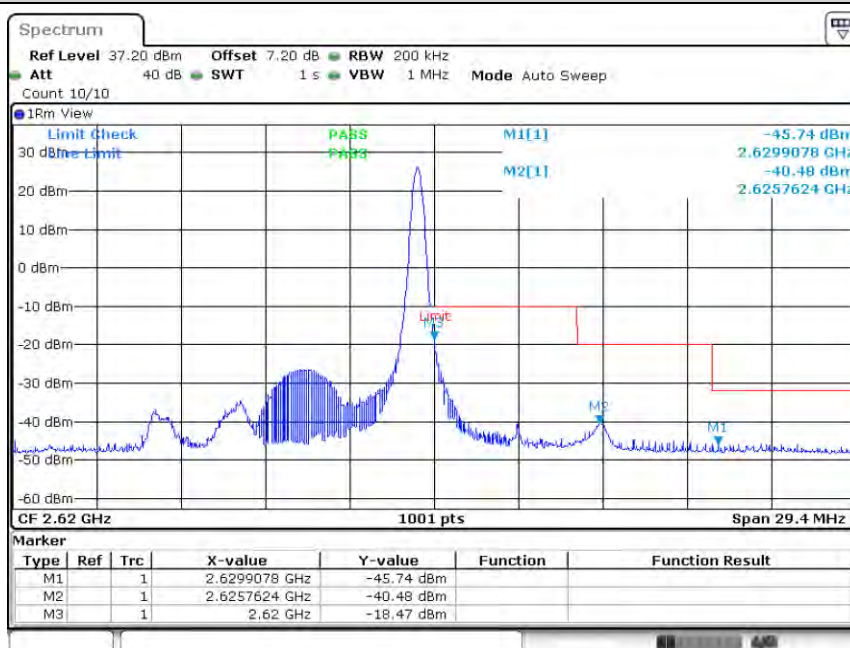
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Band38-10MHz-QPSK-37800-50RB#0



Date: 29 DEC. 2020 08:32:17

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

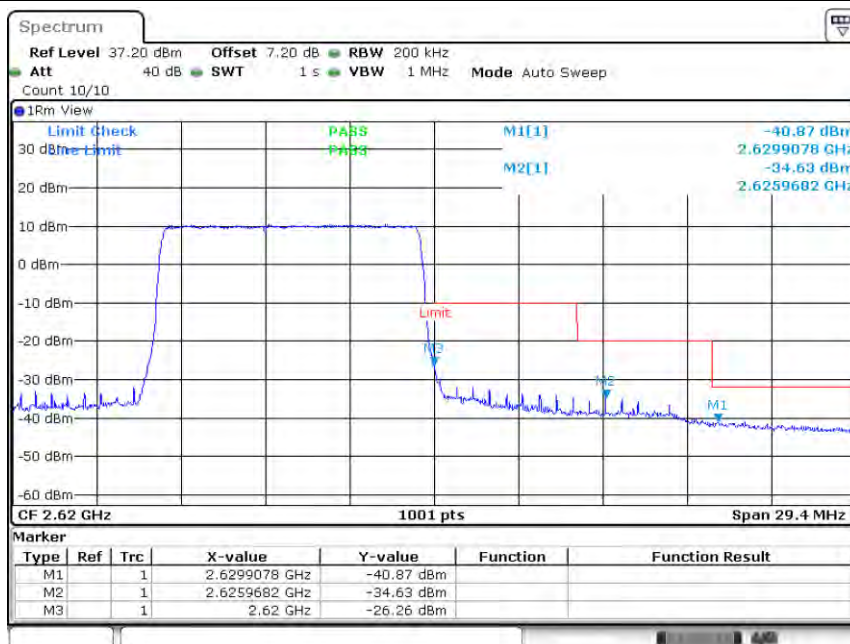


Date: 29 DEC. 2020 08:31:30



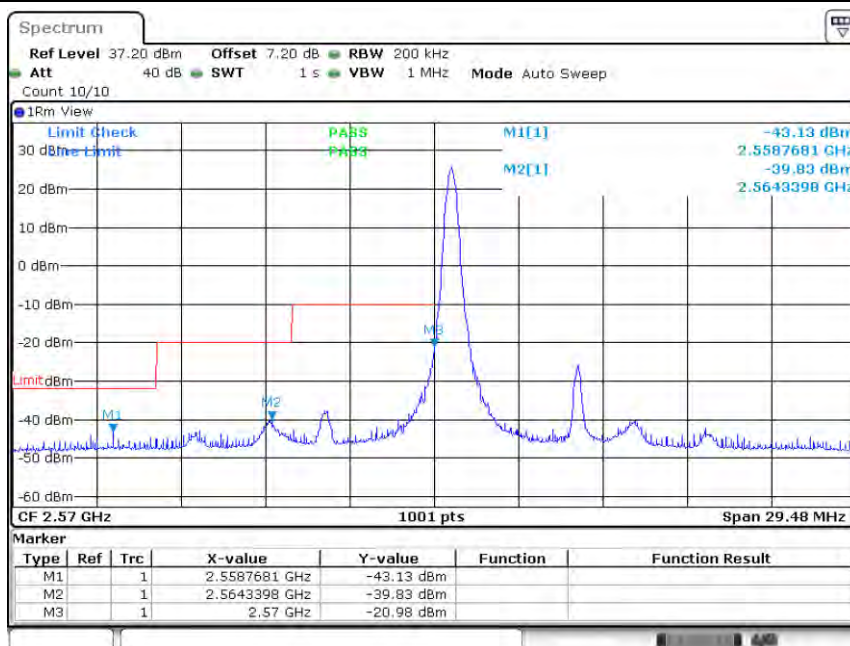


Band38-10MHz-QPSK-38200-50RB#0



Date: 29 DEC. 2020 08:33:01

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



Date: 29 DEC. 2020 09:13:30

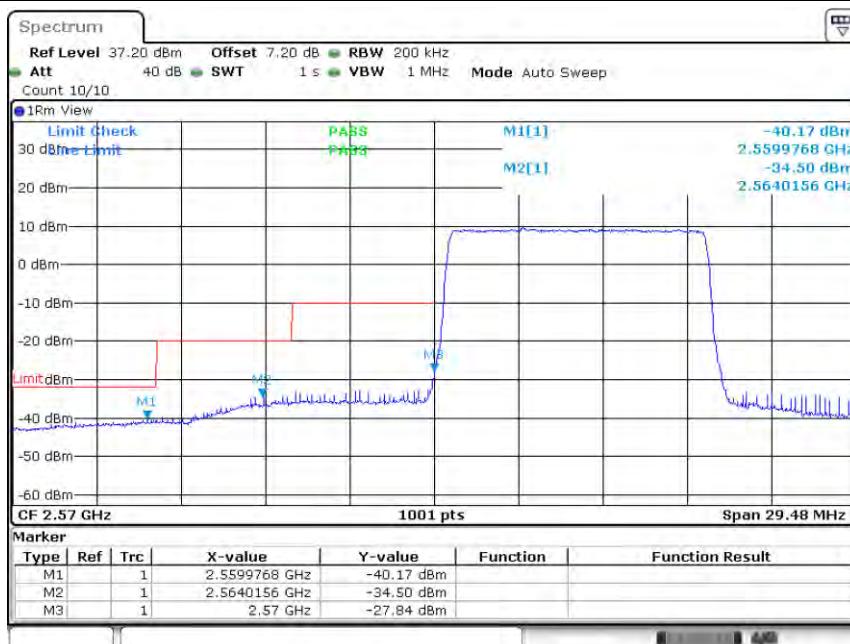


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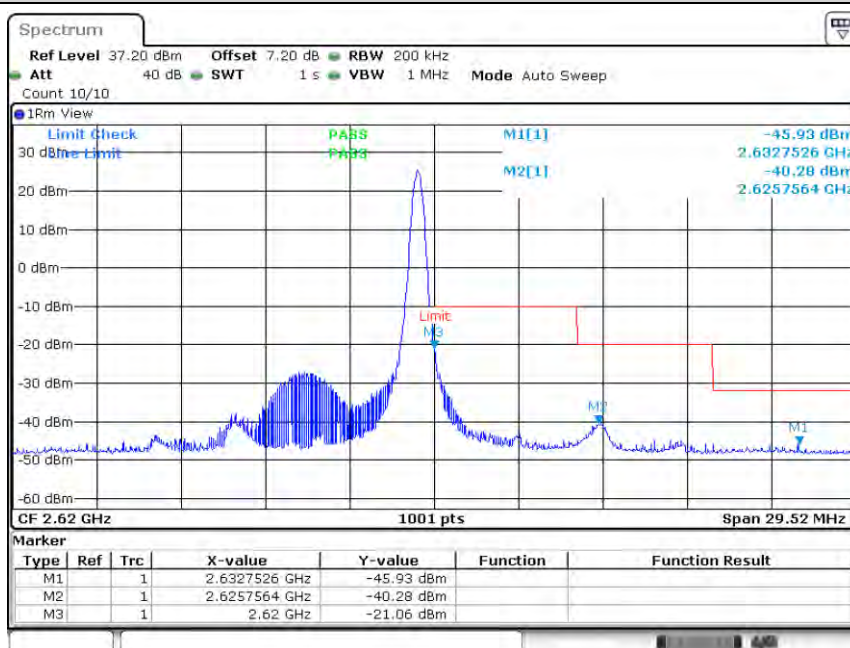
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Band38-10MHz-64QAM-37800-50RB#0



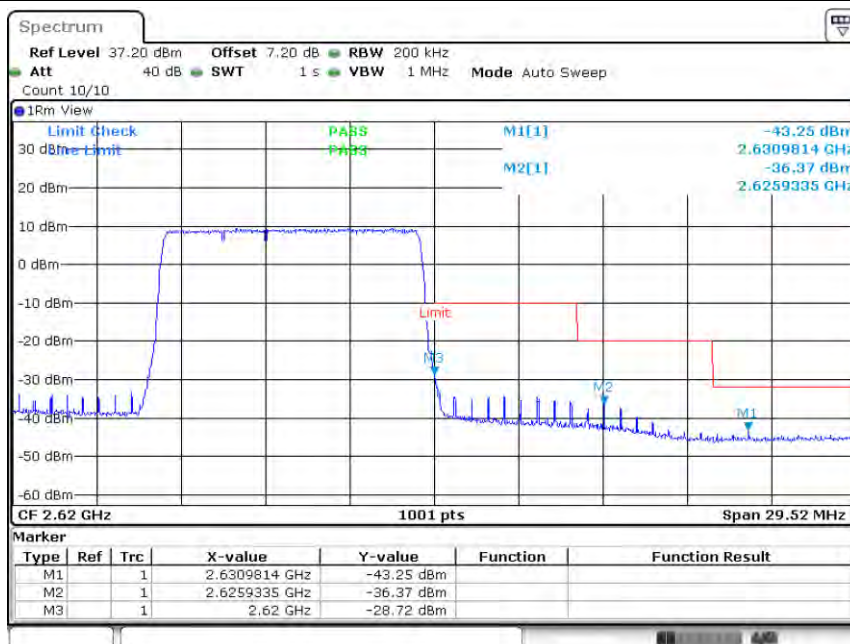
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Band38-10MHz-64QAM-38200-1RB#49



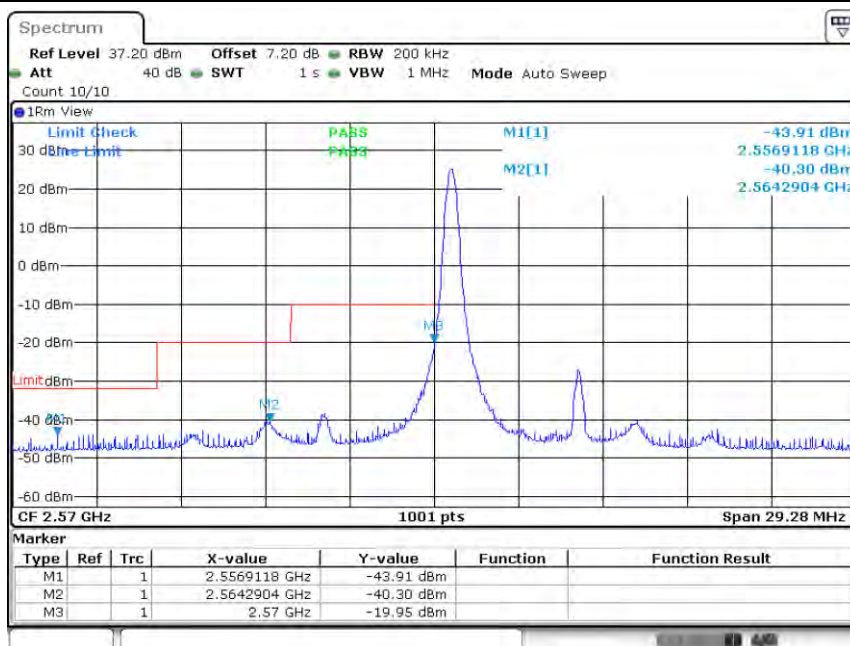
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Band38-10MHz-64QAM-38200-50RB#0



Date: 29 DEC. 2020 09:14:44

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



Date: 29 DEC. 2020 08:31:00



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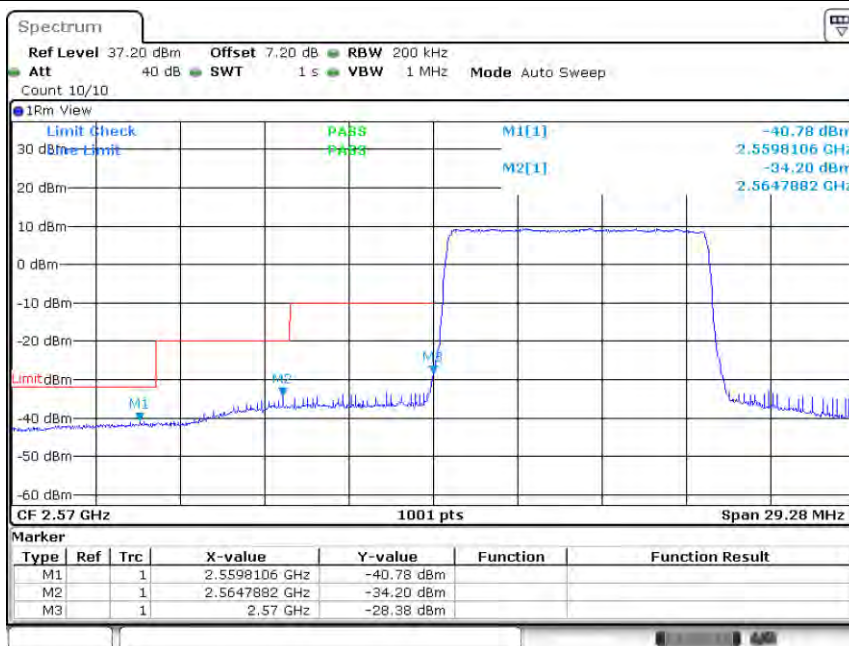
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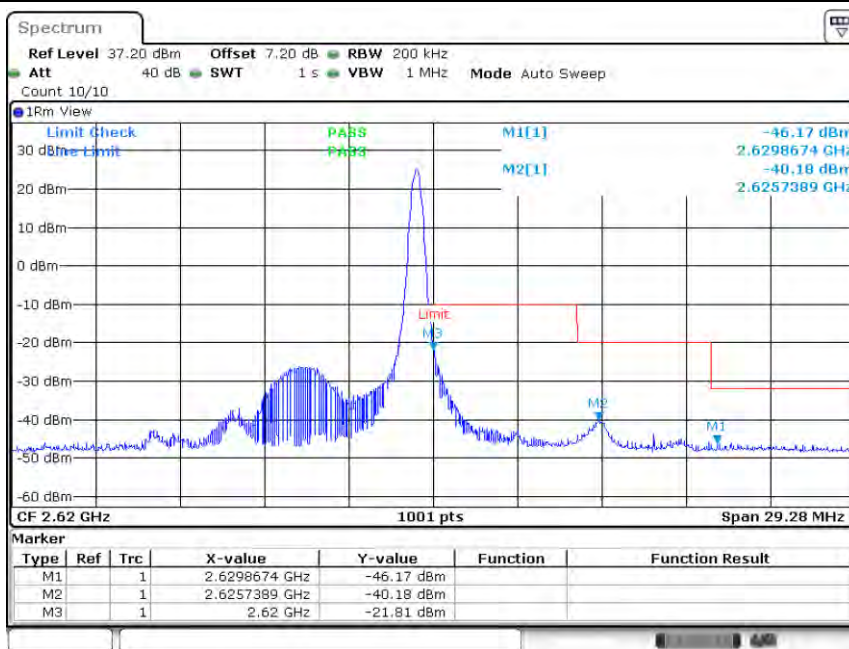


Band38-10MHz-16QAM-37800-50RB#0



Date: 29 DEC. 2020 08:32:39

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



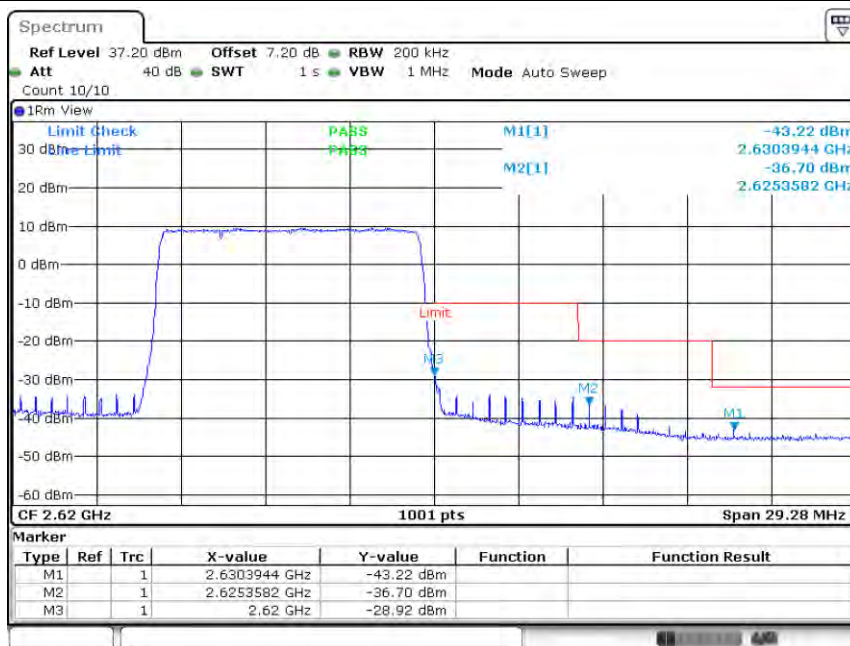
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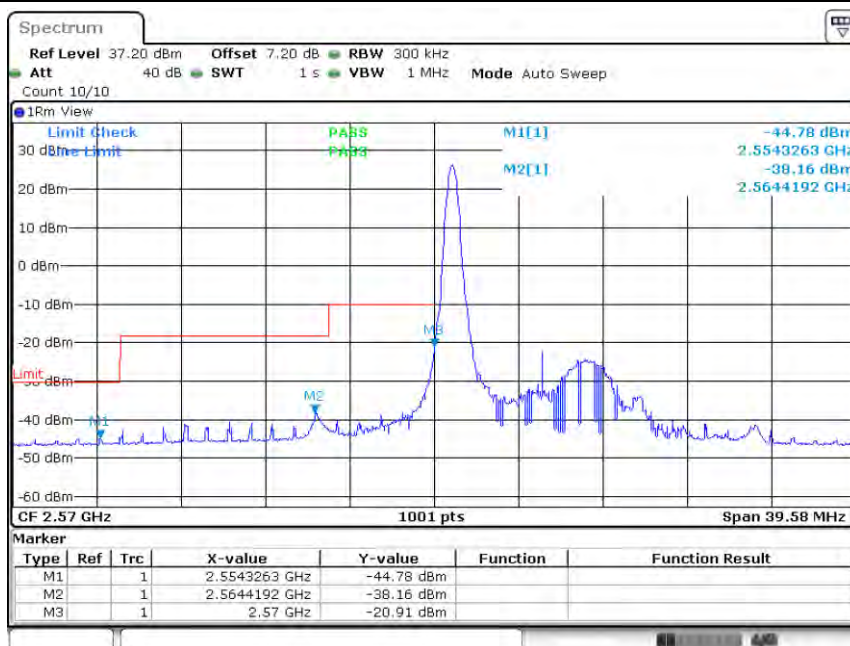
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Band38-10MHz-16QAM-38200-50RB#0



Date: 29 DEC. 2020 08:33:23

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



Date: 29 DEC. 2020 08:33:50

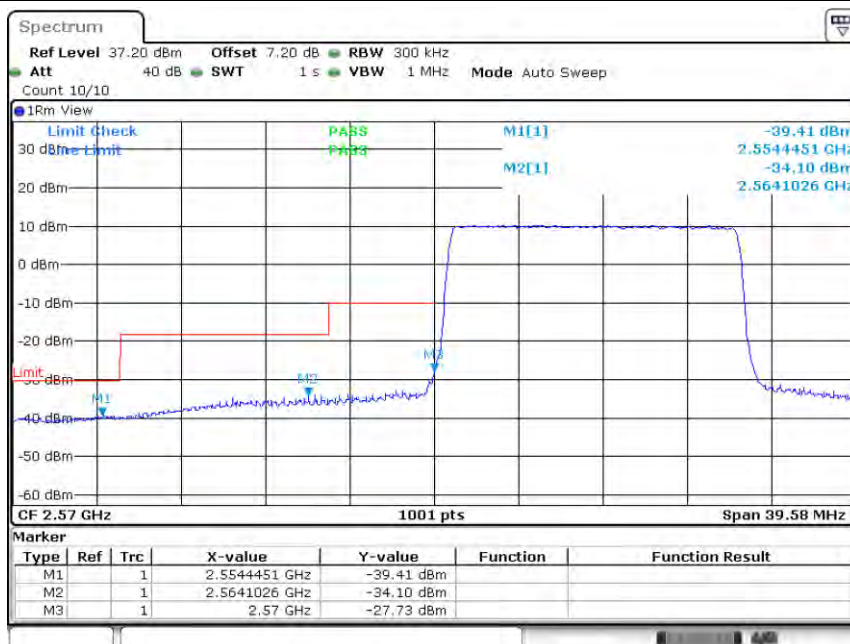


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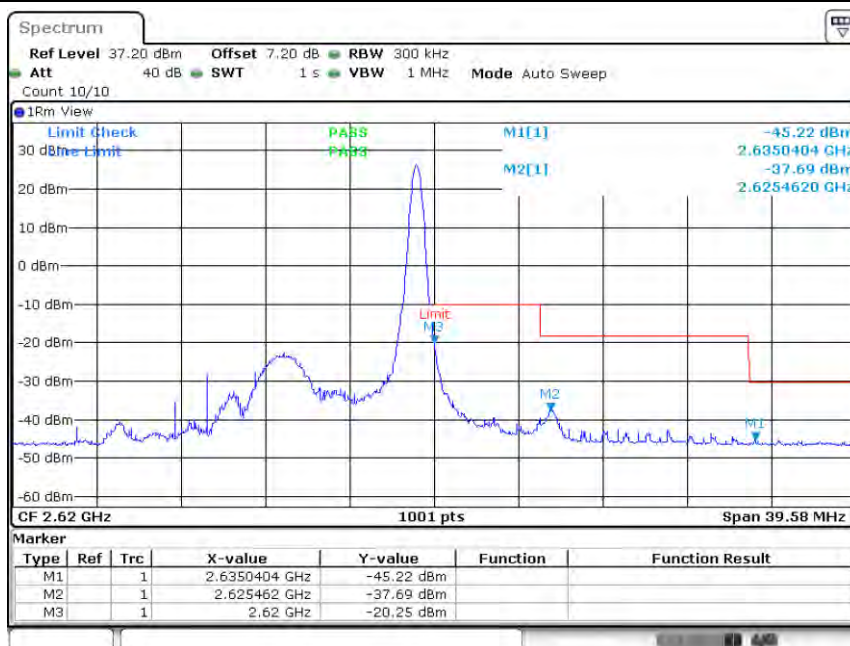


Band38-15MHz-QPSK-37825-75RB#0



Date: 29 DEC. 2020 08:35:25

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



Date: 29 DEC. 2020 08:34:38

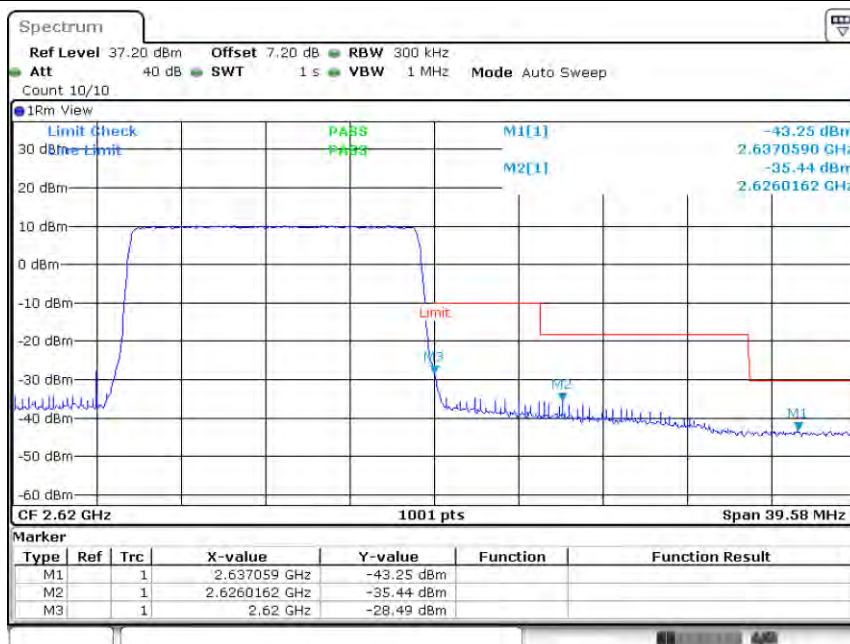


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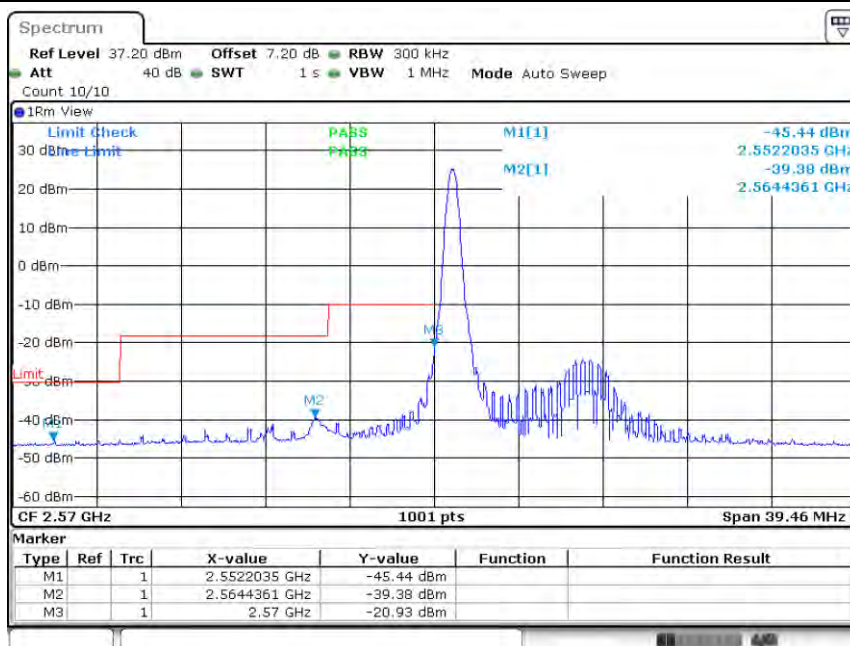
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Band38-15MHz-QPSK-38175-75RB#0



Date: 29 DEC. 2020 08:36:09

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



Date: 29 DEC. 2020 09:15:11

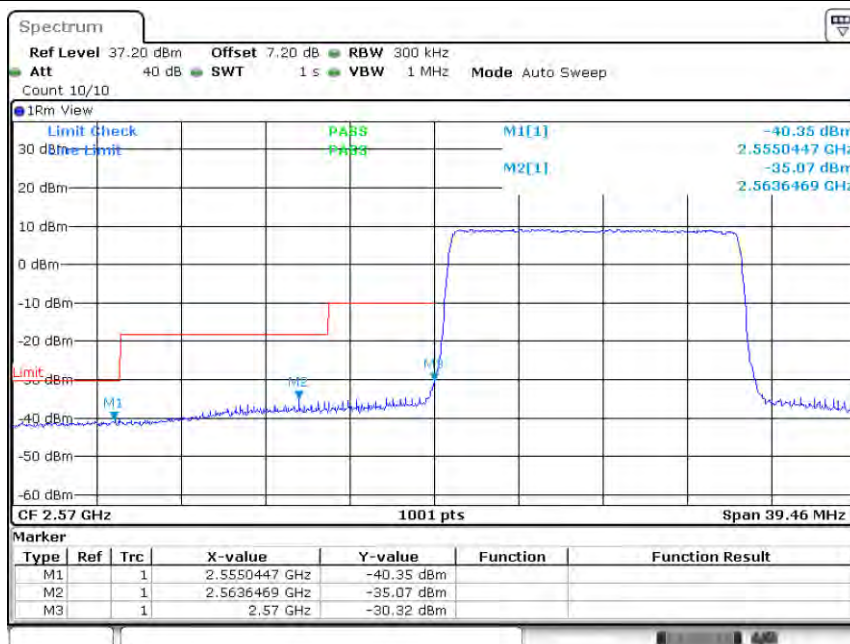


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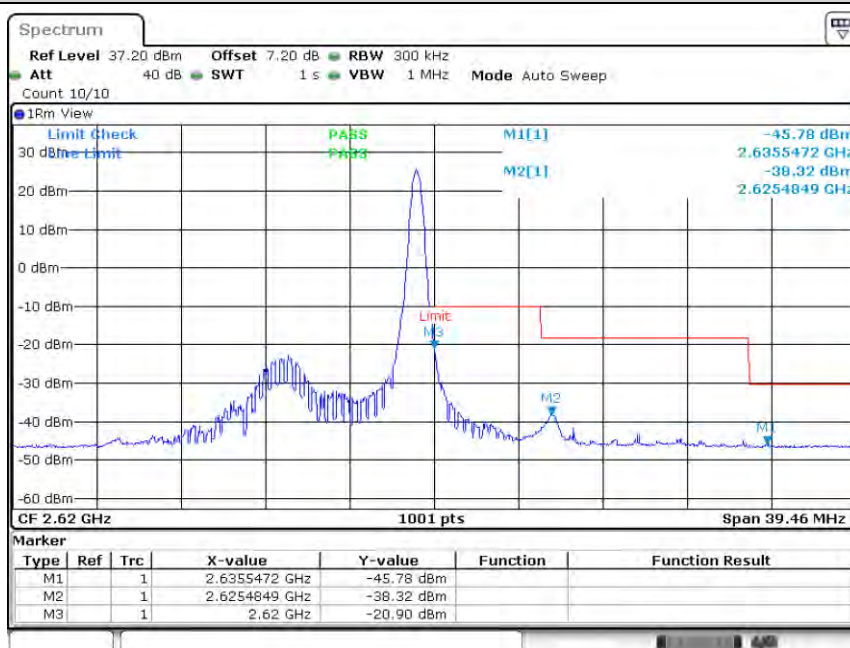
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Band38-15MHz-64QAM-37825-75RB#0



Date: 29 DEC. 2020 09:16:13

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



Date: 29 DEC. 2020 09:15:46

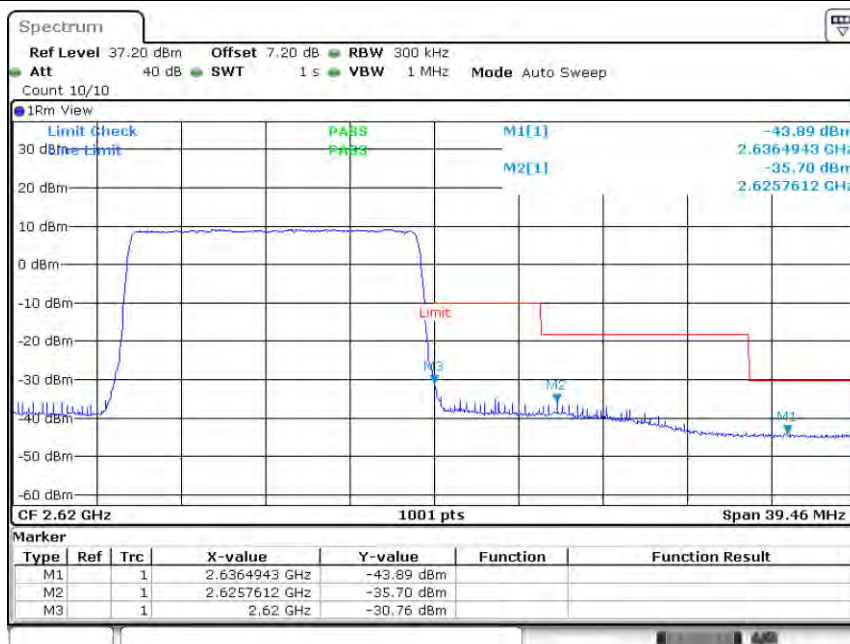


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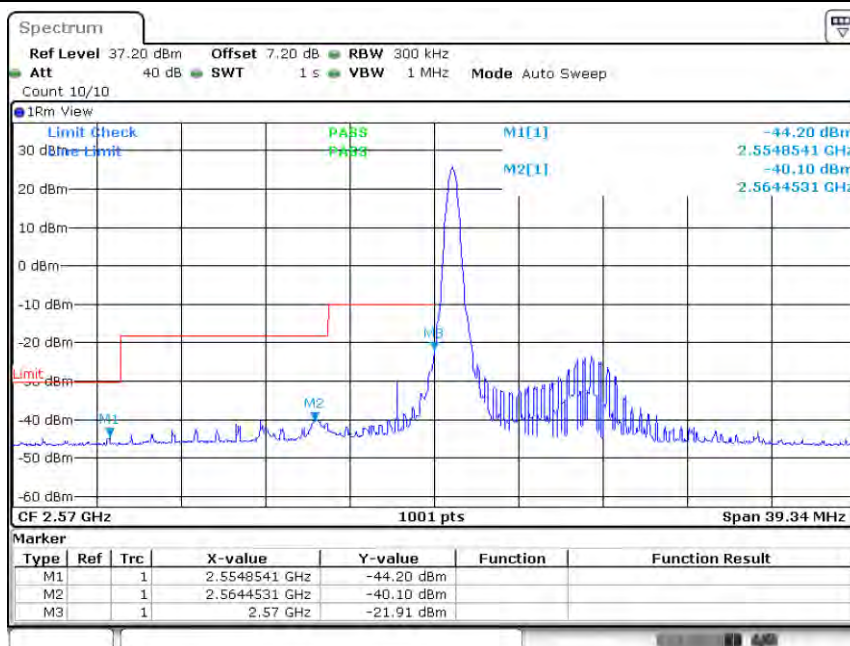
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Band38-15MHz-64QAM-38175-75RB#0



Date: 29 DEC. 2020 09:16:35

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



Date: 29 DEC. 2020 08:34:11



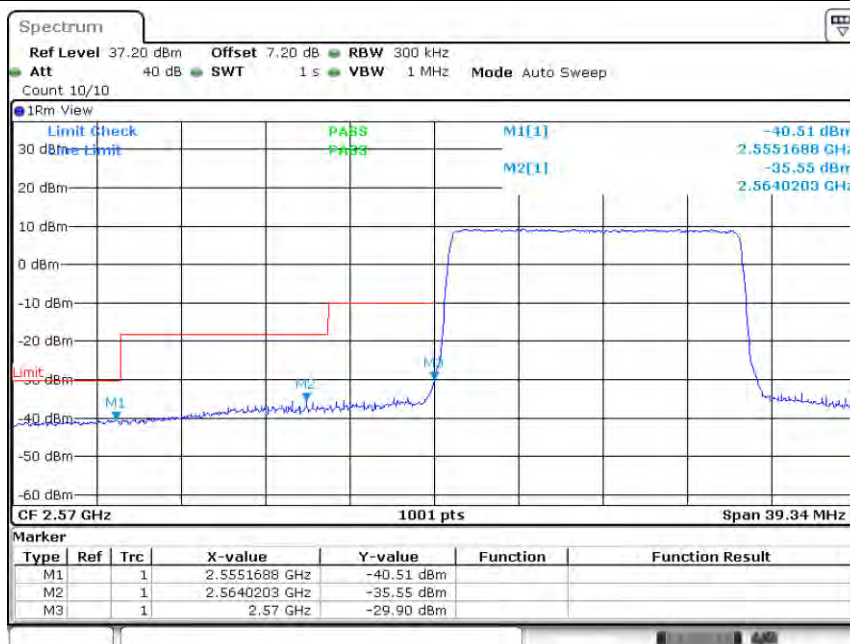
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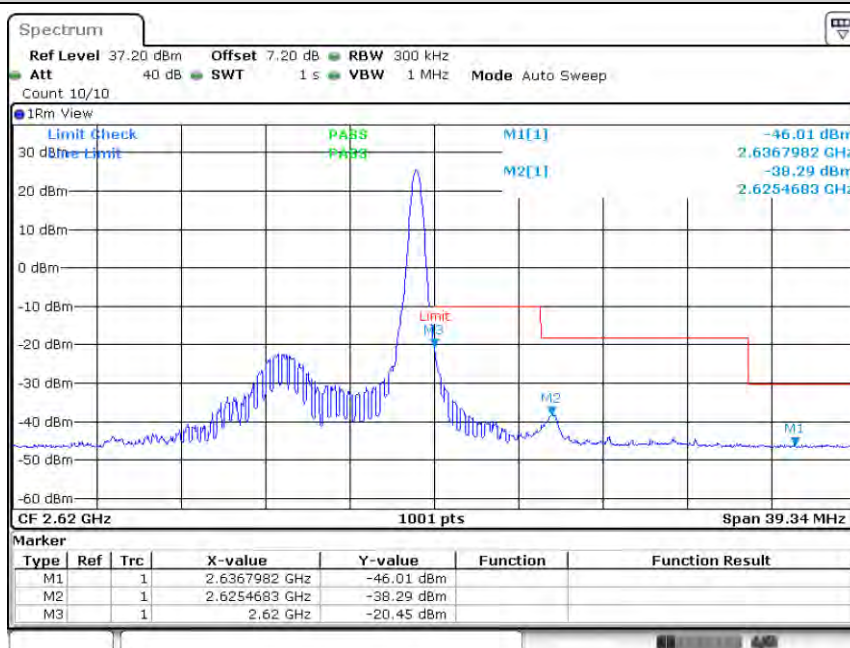
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Band38-15MHz-16QAM-37825-75RB#0



Date: 29 DEC. 2020 08:35:47

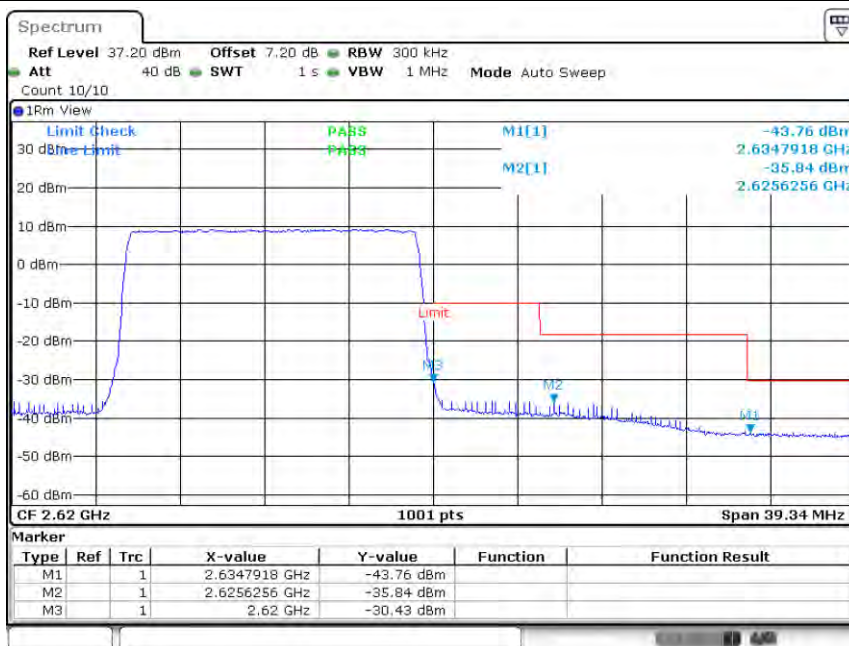
Band38-15MHz-16QAM-38175-1RB#74



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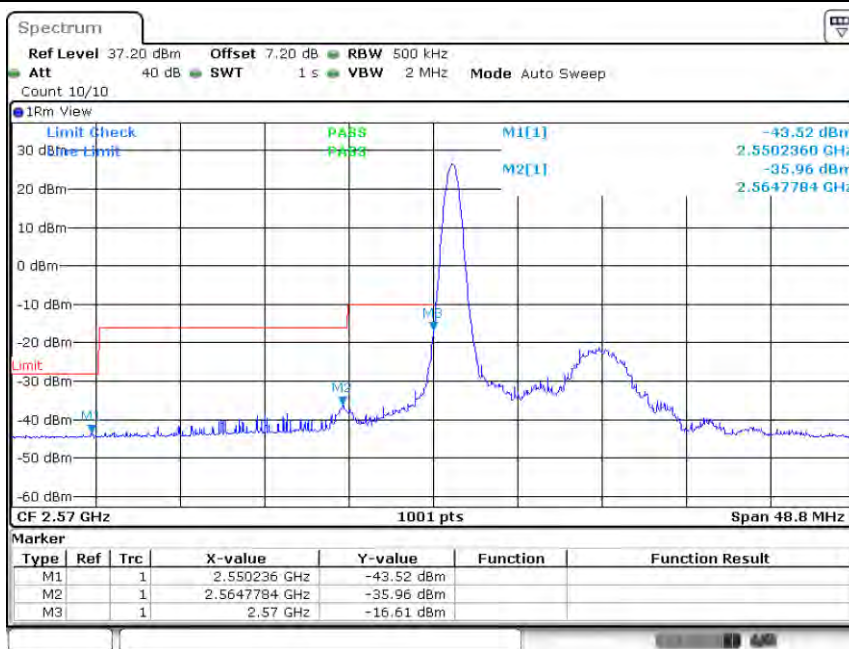


Band38-15MHz-16QAM-38175-75RB#0



Date: 29 DEC. 2020 08:36:30

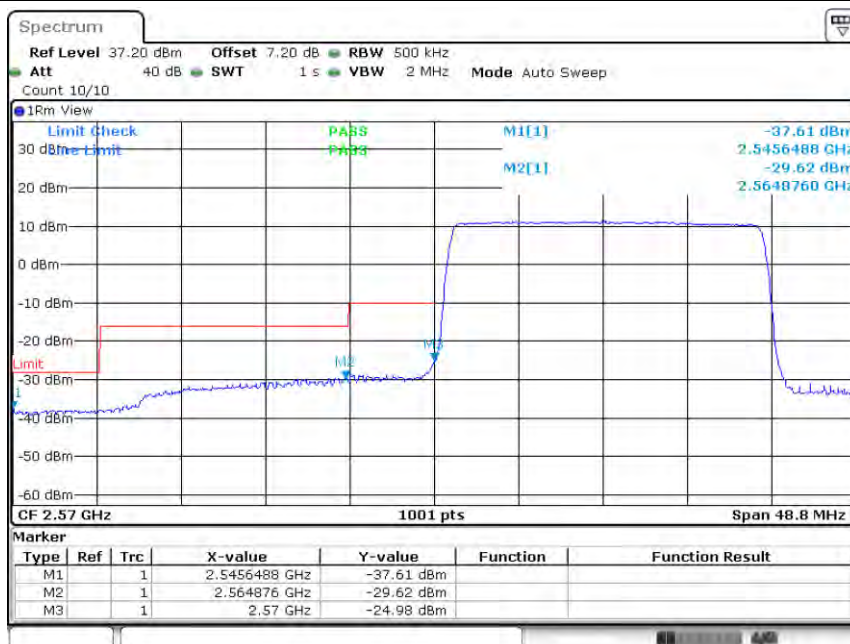
Band38-20MHz-QPSK-37850-1RB#0



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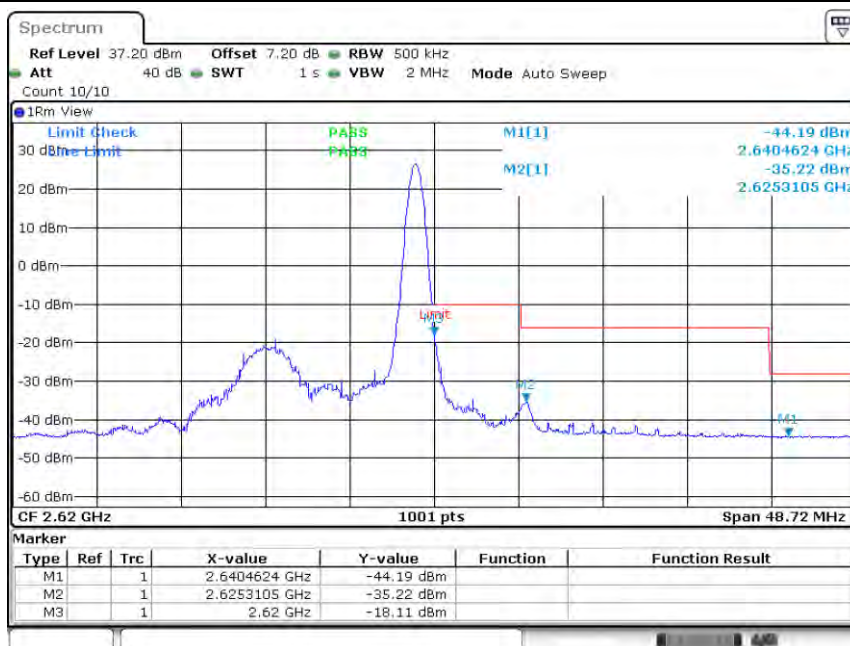


Band38-20MHz-QPSK-37850-100RB#0



Date: 29 DEC. 2020 08:38:33

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



Date: 29 DEC. 2020 08:37:45



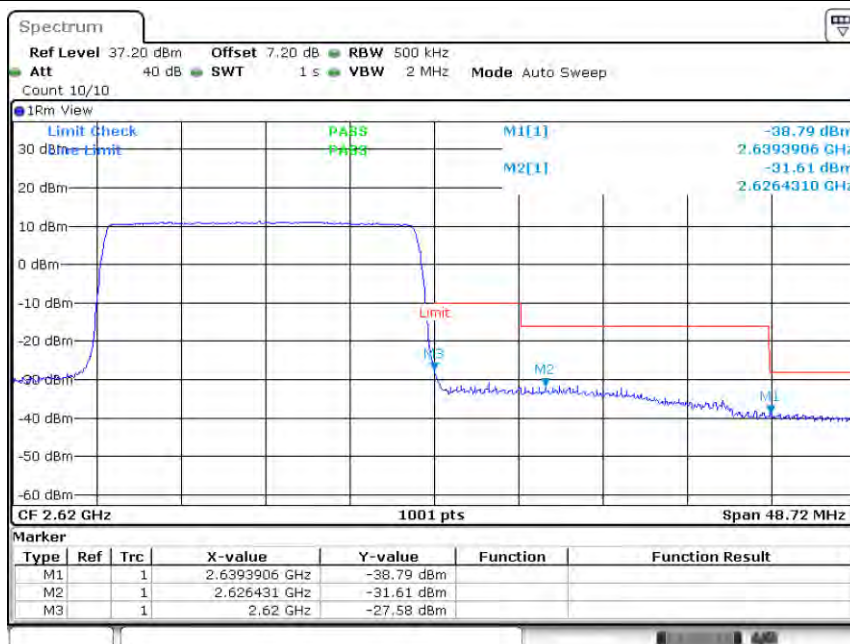
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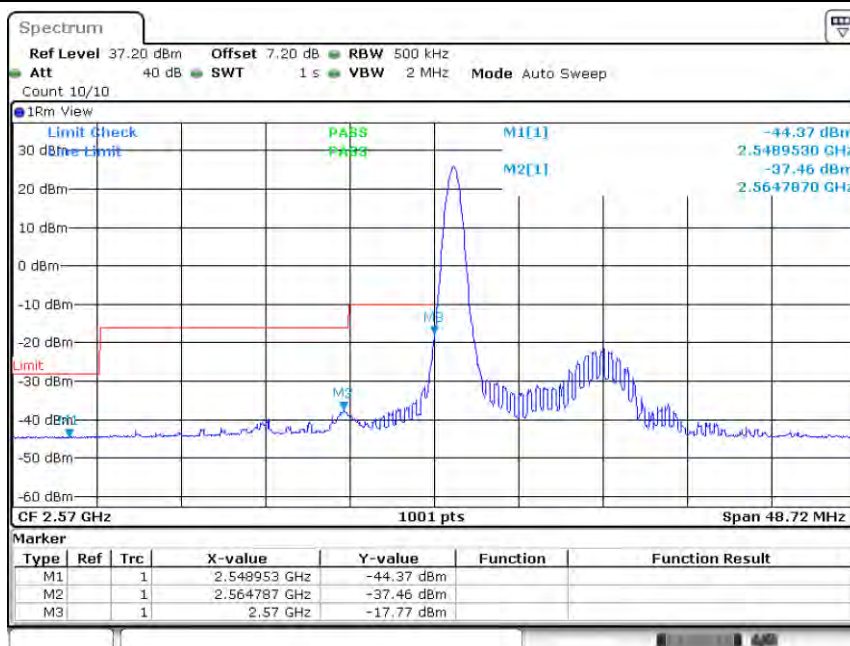
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Band38-20MHz-QPSK-38150-100RB#0



Date: 29 DEC. 2020 08:39:17

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



Date: 29 DEC. 2020 09:17:01



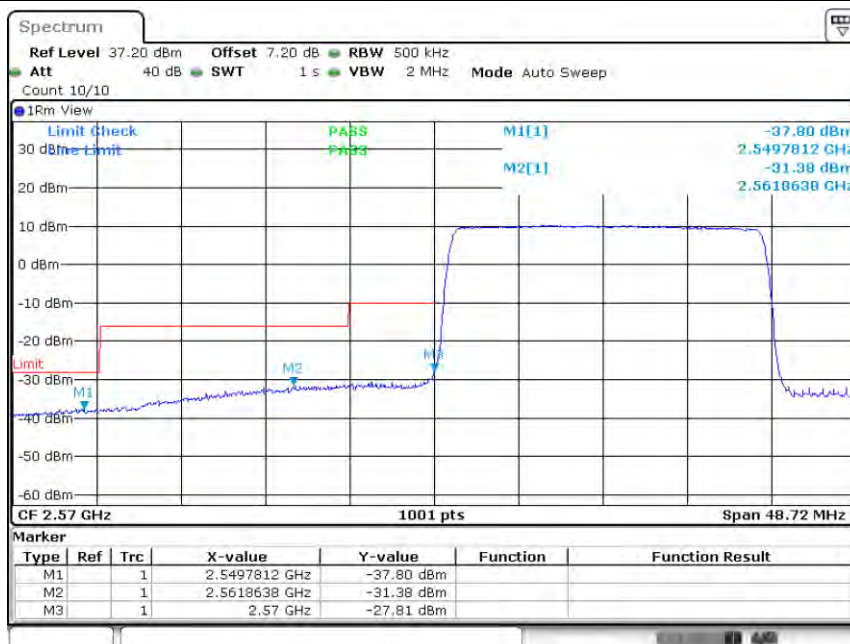
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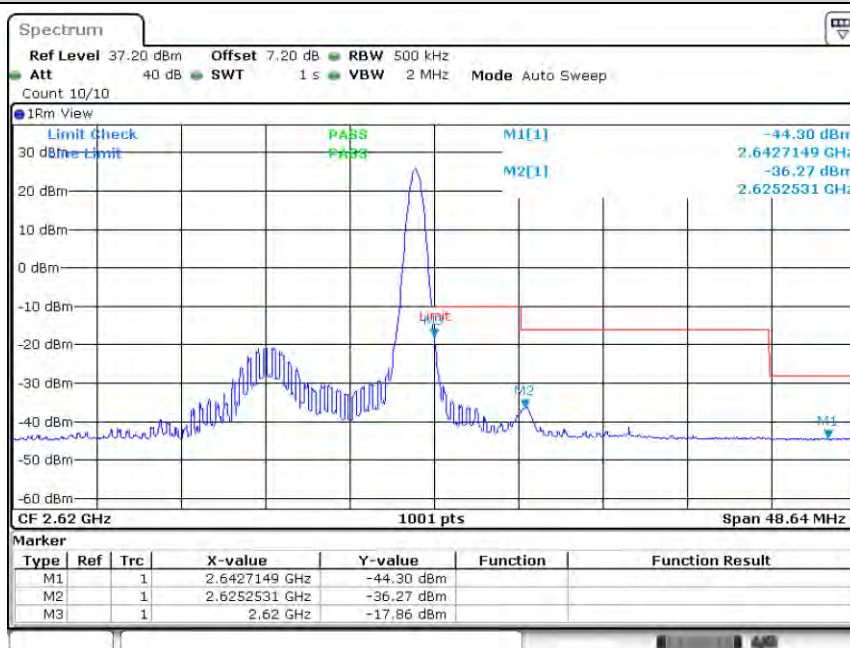
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Band38-20MHz-64QAM-37850-100RB#0



Date: 29 DEC. 2020 09:17:58

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



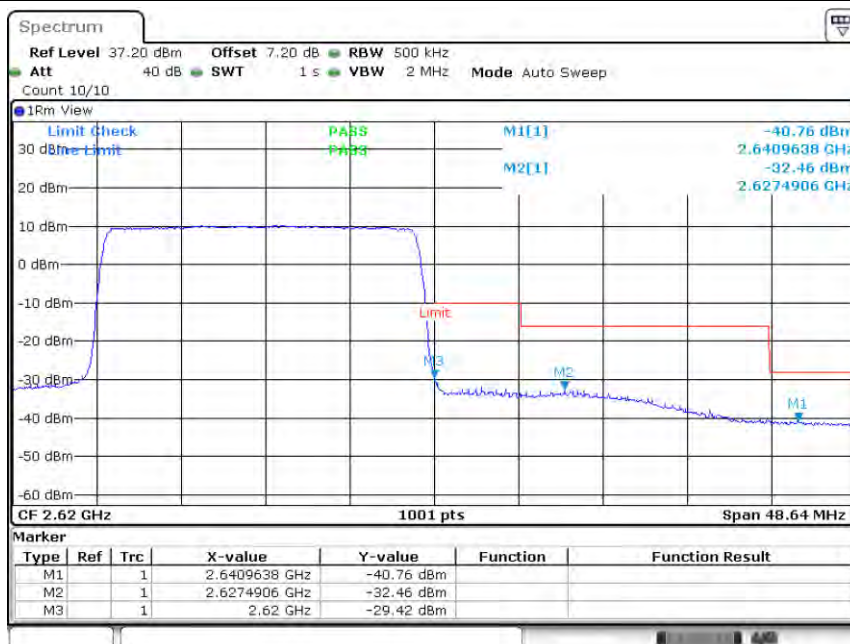
Date: 29 DEC. 2020 09:17:31



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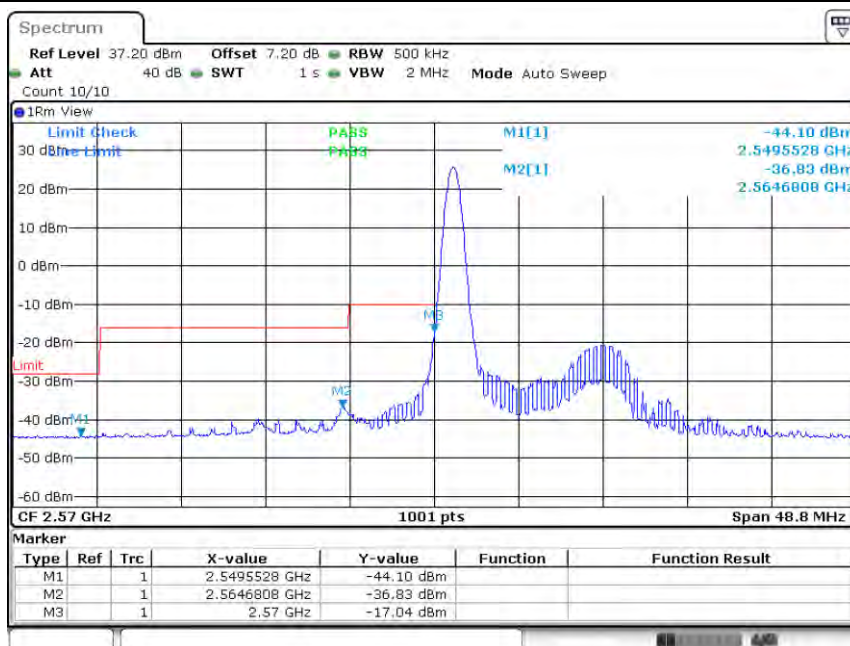
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Band38-20MHz-64QAM-38150-100RB#0



Date: 29 DEC. 2020 09:18:23

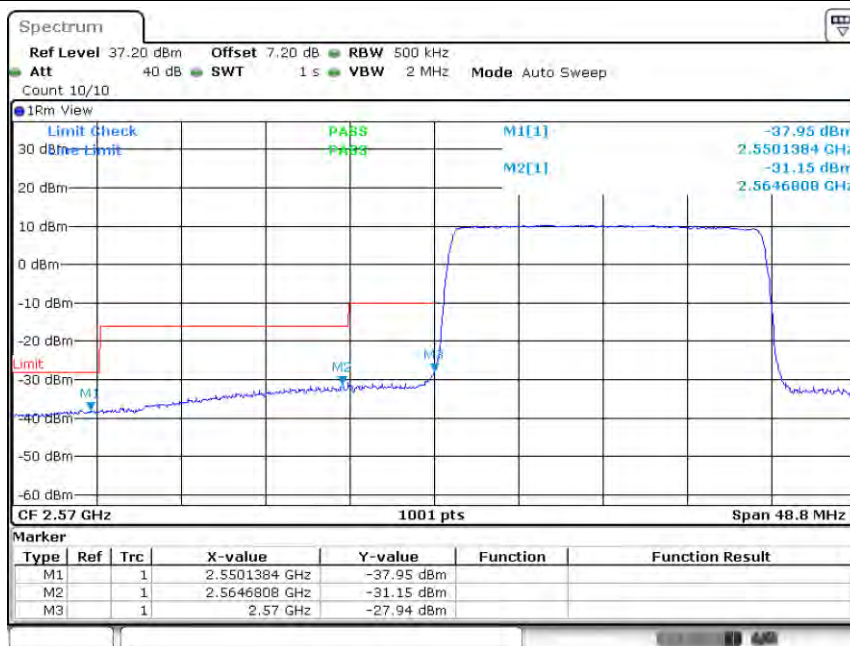
Band38-20MHz-16QAM-37850-1RB#0



Date: 29 DEC. 2020 08:37:19

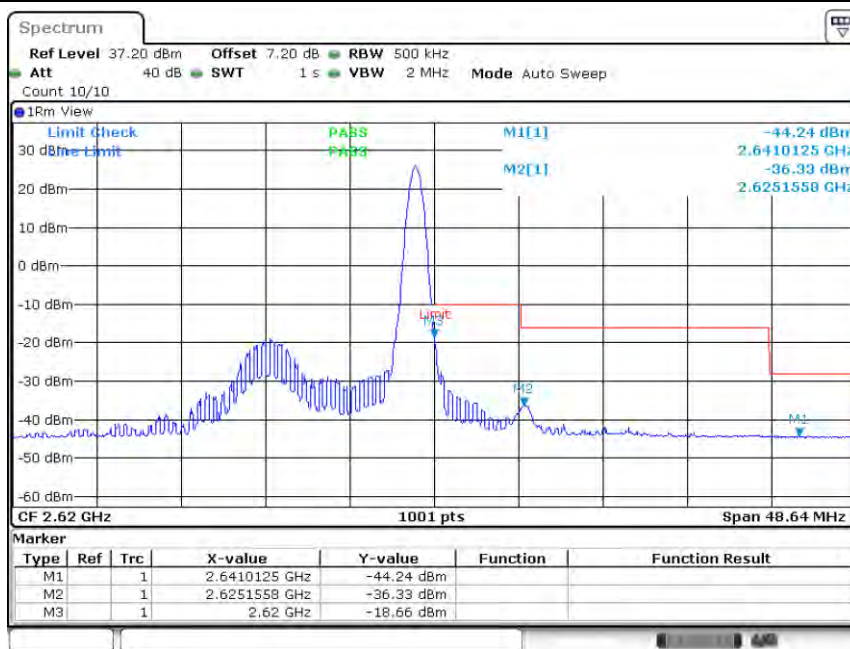


Band38-20MHz-16QAM-37850-100RB#0



Date: 29 DEC. 2020 08:38:54

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

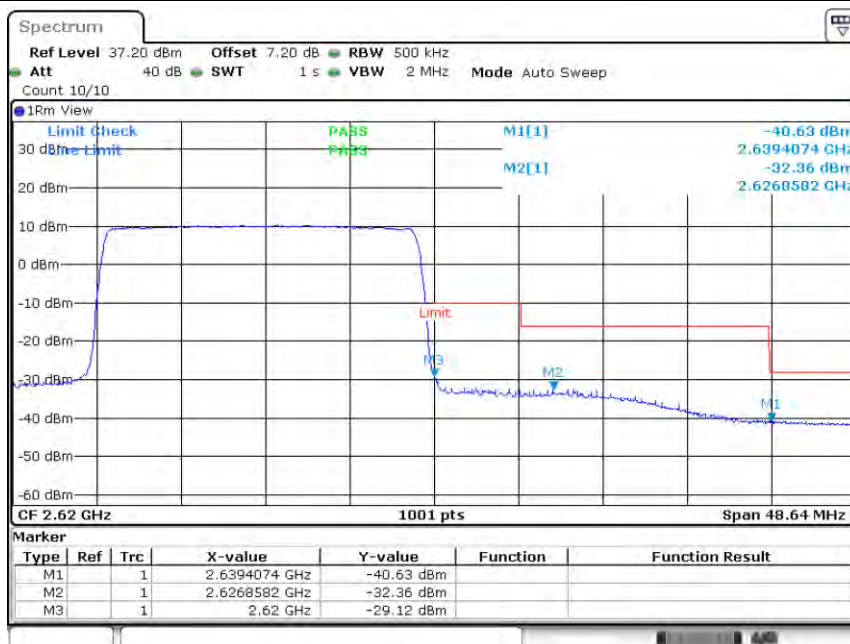


Date: 29 DEC. 2020 08:38:07





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



Date: 29 DEC. 2020 08:39:38



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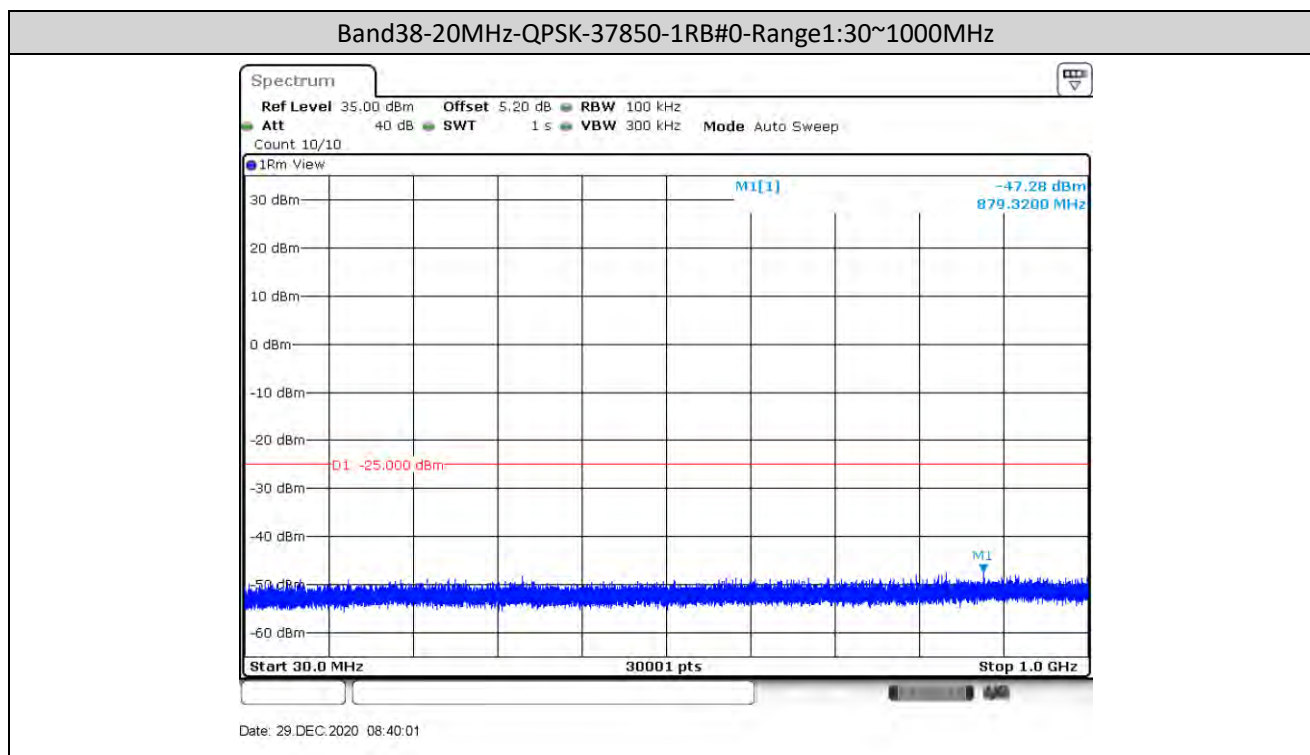


6. Spurious Emission at Antenna Terminal

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.

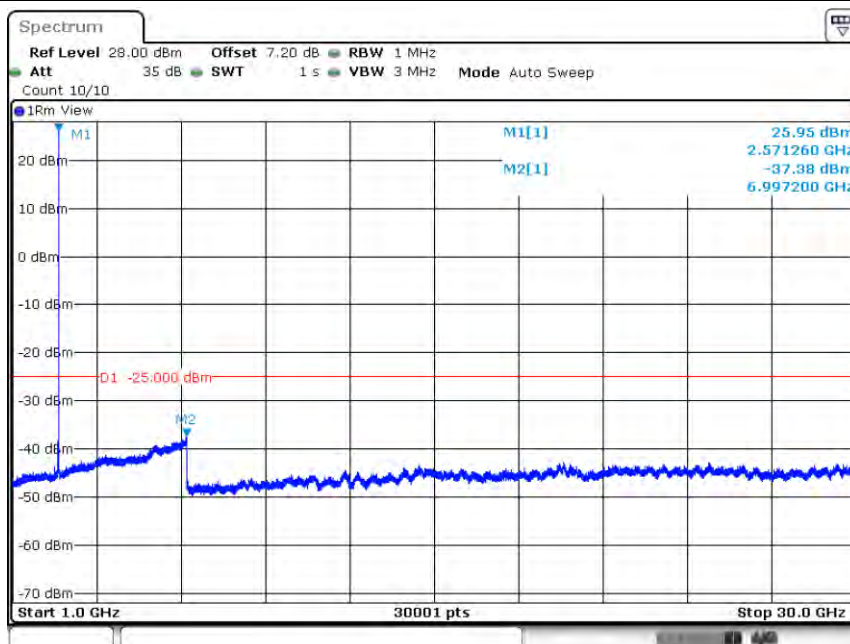
Remark2: only the worst case data displayed in this report.

6.1. Test Plots



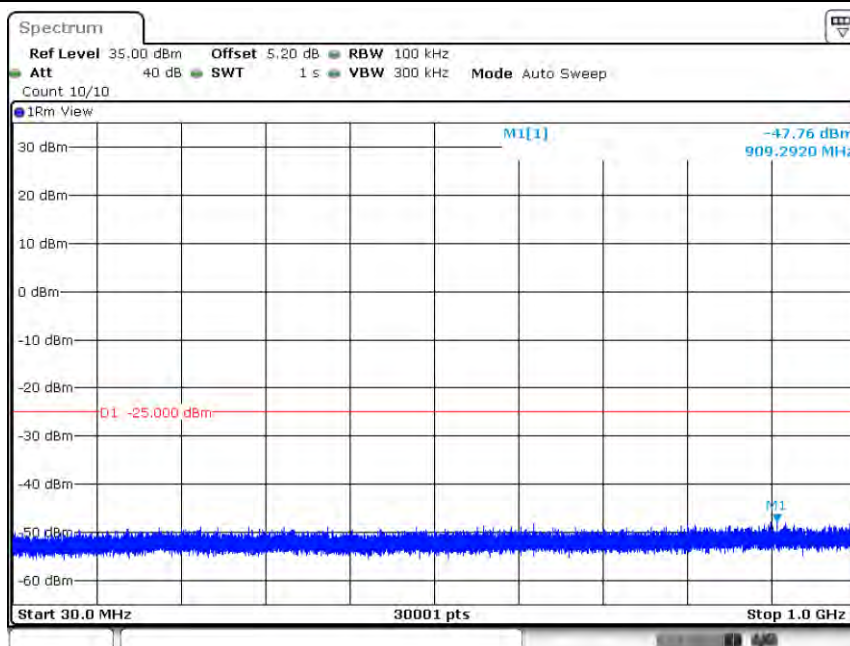


Band38-20MHz-QPSK-37850-1RB#0-Range2:1000~30000MHz



Date: 29.DEC.2020 08:40:18

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



Date: 29.DEC.2020 08:41:12



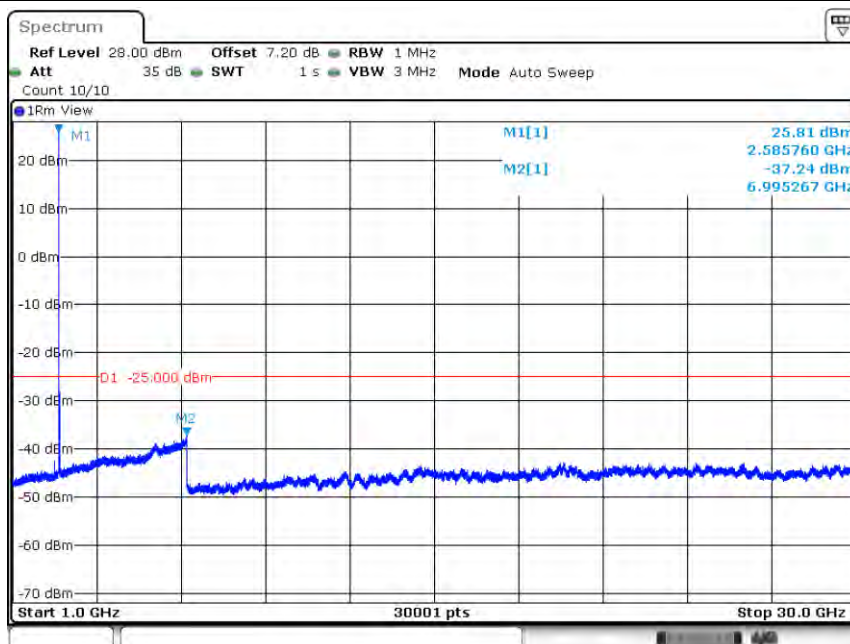
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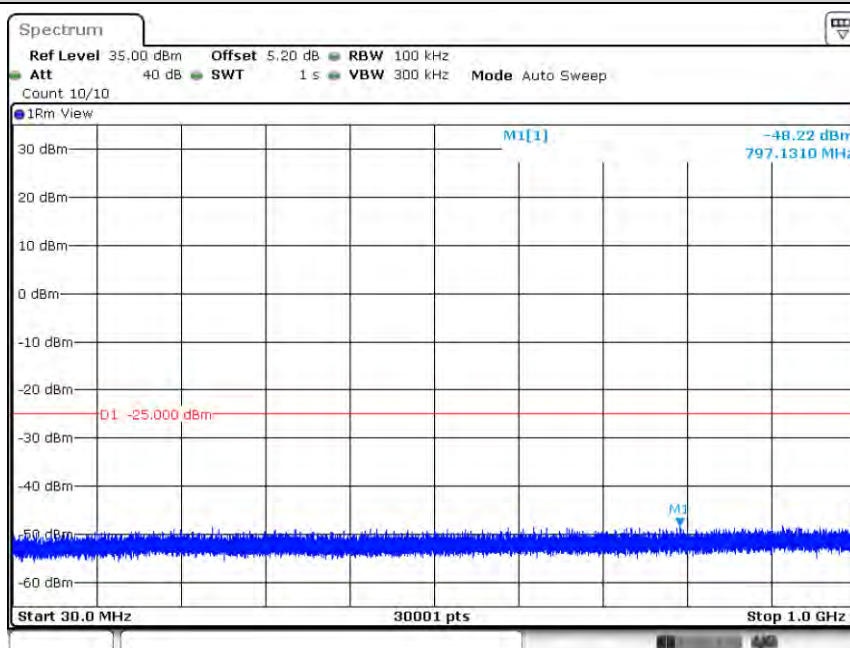


Band38-20MHz-QPSK-38000-1RB#0-Range2:1000~30000MHz



Date: 29 DEC. 2020 08:41:28

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



Date: 29 DEC. 2020 08:42:23



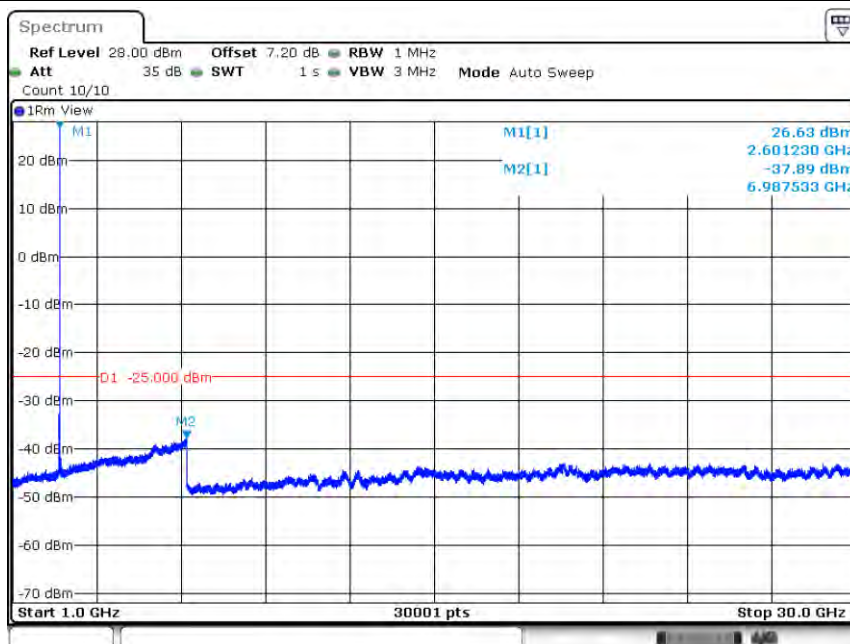
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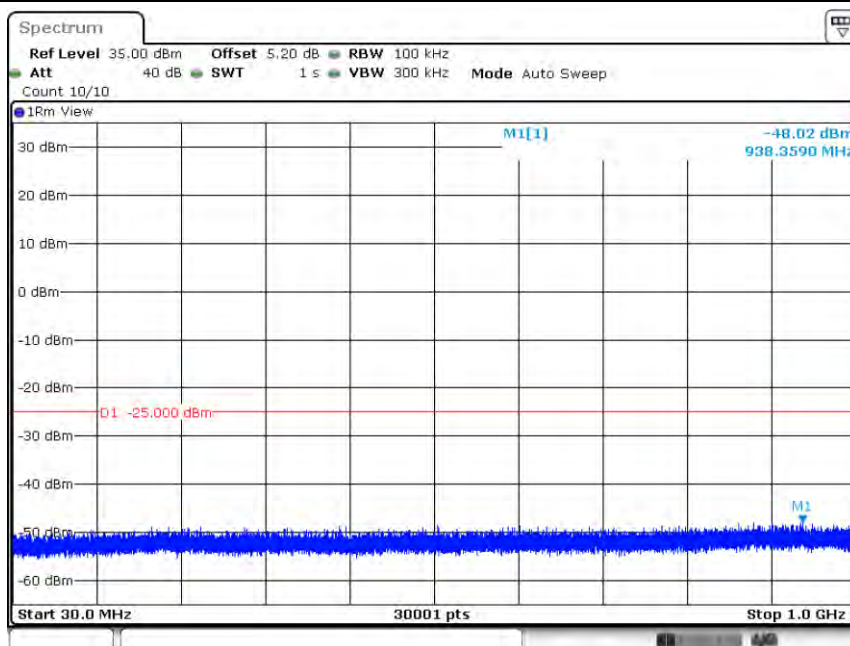


Band38-20MHz-QPSK-38150-1RB#0-Range2:1000~30000MHz



Date: 29 DEC. 2020 08:42:39

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



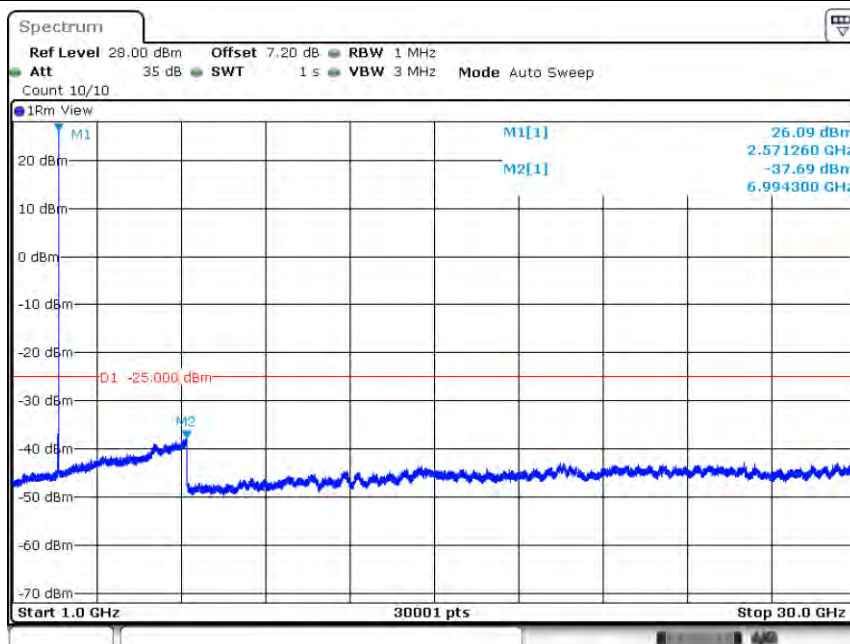
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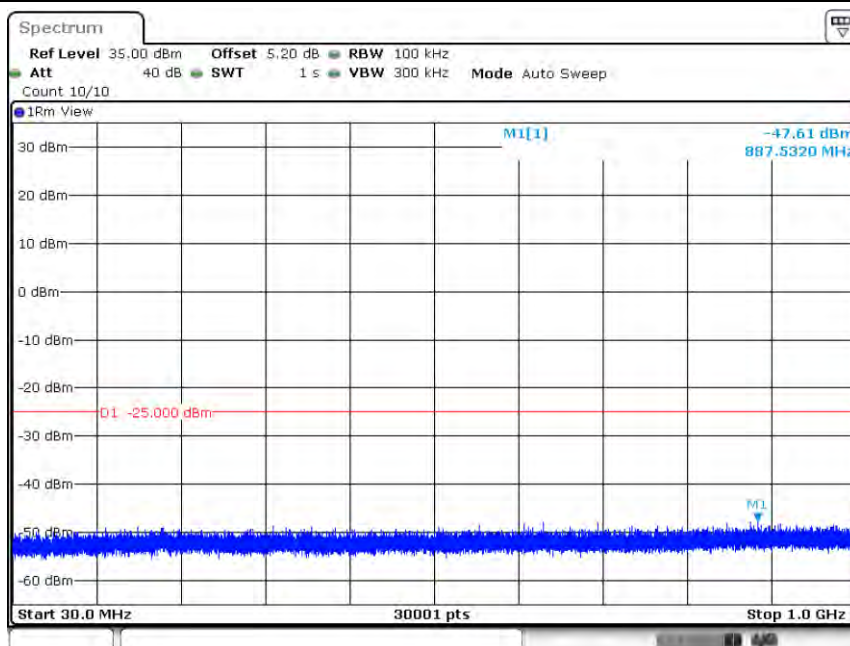
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Band38-20MHz-64QAM-37850-1RB#0-Range2:1000~30000MHz



Date: 29 DEC. 2020 09:19:04

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



Date: 29 DEC. 2020 09:19:23

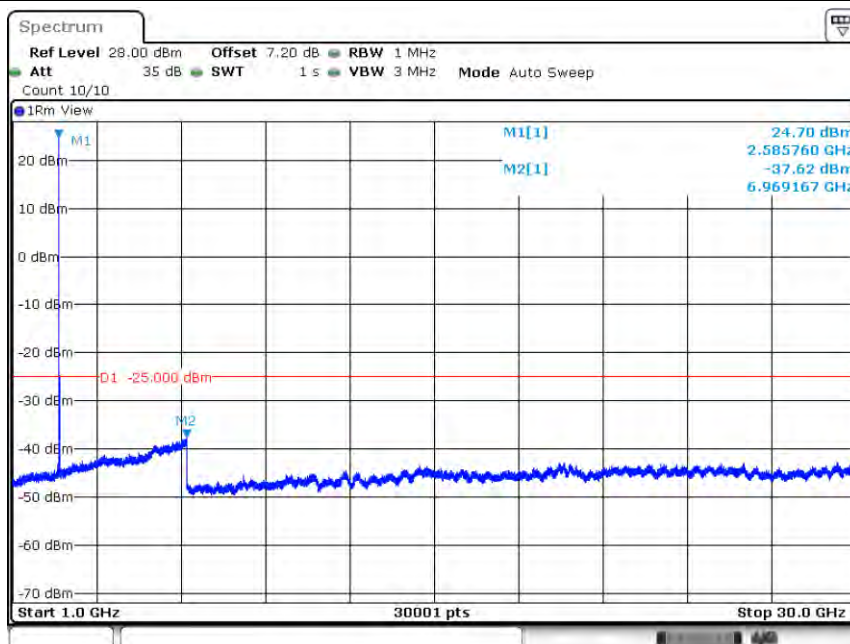


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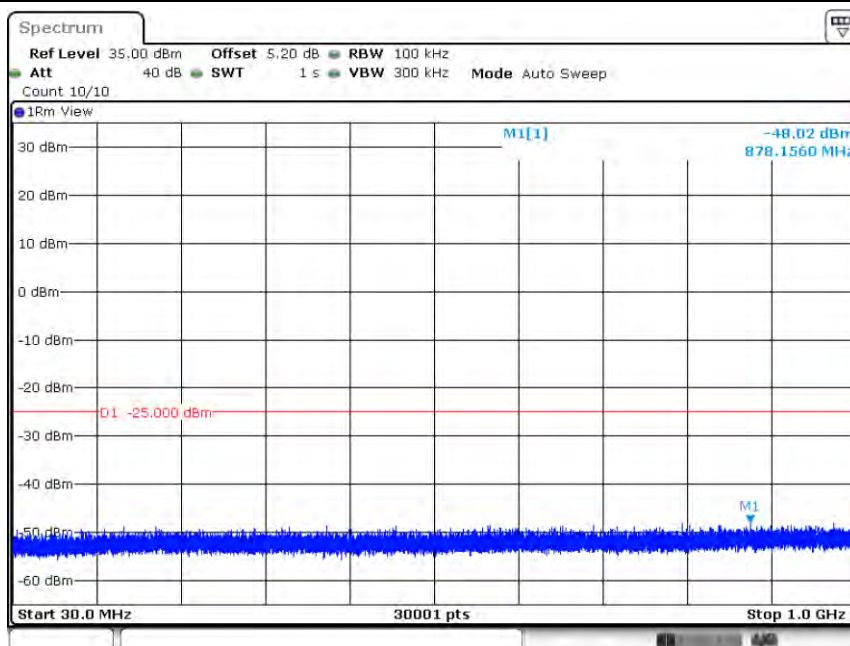


Band38-20MHz-64QAM-38000-1RB#0-Range2:1000~30000MHz



Date: 29 DEC. 2020 09:19:39

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

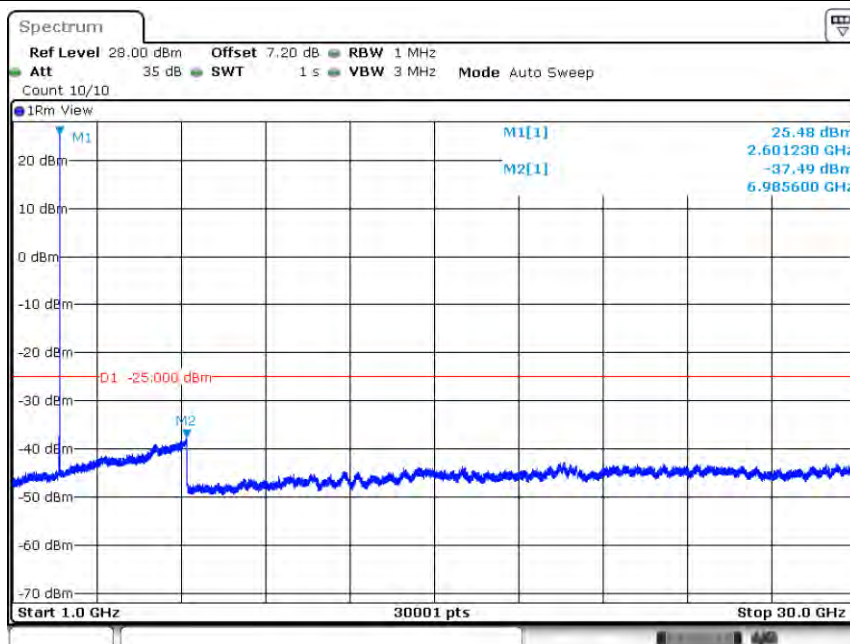


Date: 29 DEC. 2020 09:19:58



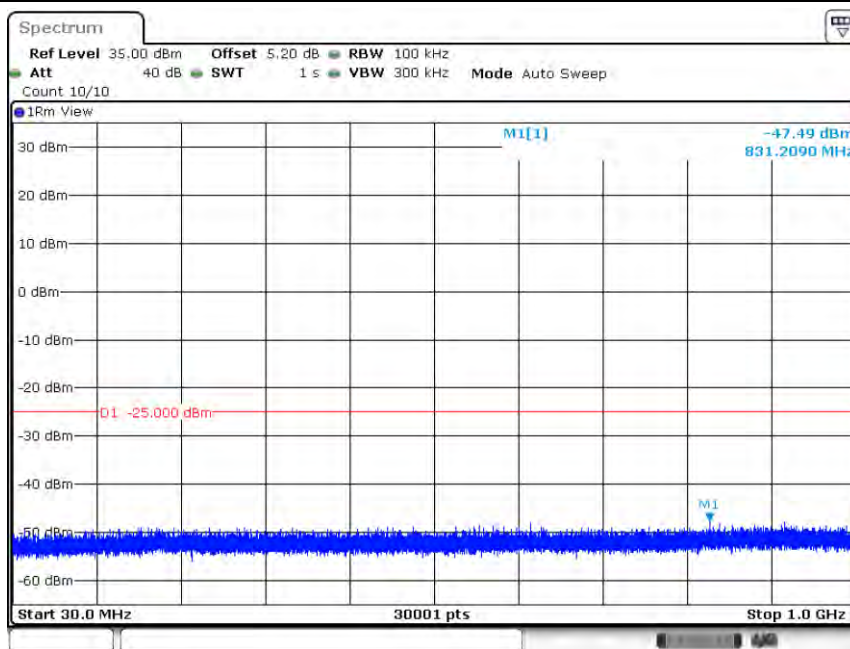


Band38-20MHz-64QAM-38150-1RB#0-Range2:1000~30000MHz



Date: 29 DEC. 2020 09:20:14

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



Date: 29 DEC. 2020 08:40:37



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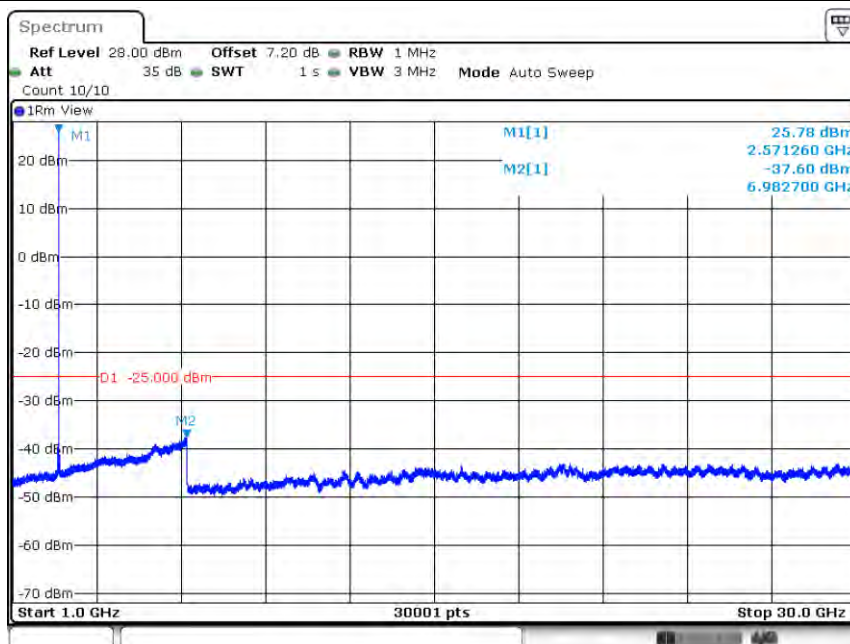
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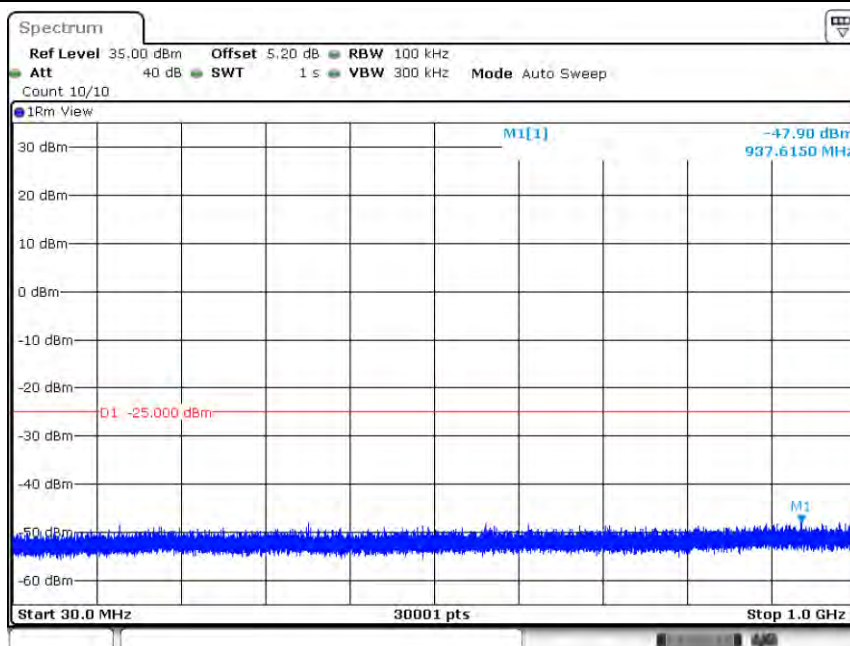


Band38-20MHz-16QAM-37850-1RB#0-Range2:1000~30000MHz



Date: 29 DEC. 2020 08:40:53

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



Date: 29 DEC. 2020 08:41:47

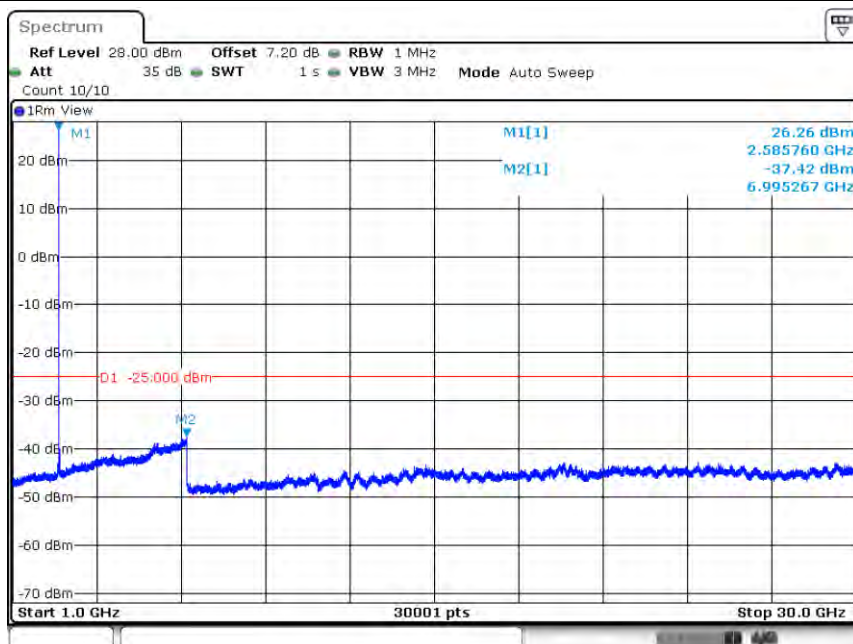


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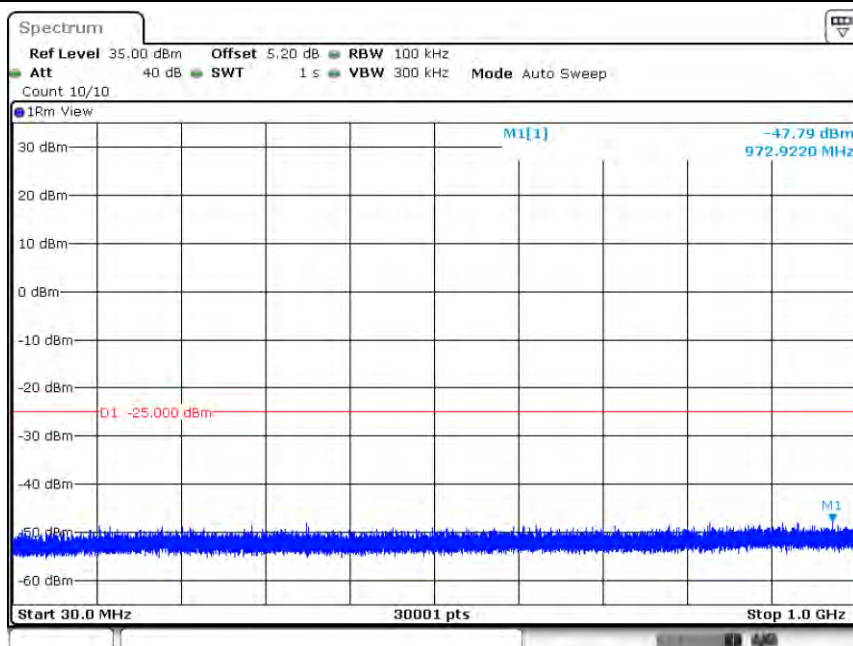
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Band38-20MHz-16QAM-38000-1RB#0-Range2:1000~30000MHz



Date: 29 DEC. 2020 08:42:04

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

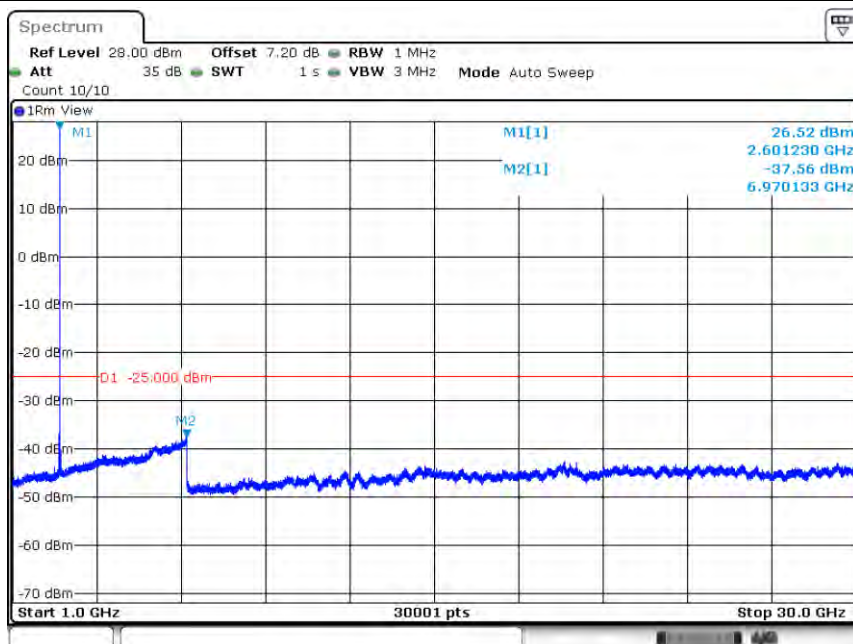


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Band38-20MHz-16QAM-38150-1RB#0-Range2:1000~30000MHz



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7. Field Strength of Spurious Radiation

7.1. Test Band = LTE_38_TM1 ANT 2

7.1.1. Test Channel = Low Channel

Suspected Data List						
NO.	Freq. [MHz]	Reading [dBm]	Level [dBm]	Limit [dBm]	Margin [dB]	Polarity
1	41.7861	-70.33	-63.48	-25.00	38.48	Horizontal
2	89.8035	-69.38	-74.59	-25.00	49.59	Horizontal
3	230.4120	-70.86	-68.03	-25.00	43.03	Horizontal
4	3624.5208	-52.70	-60.90	-25.00	35.90	Horizontal
5	7449.6483	-57.22	-57.25	-25.00	32.25	Horizontal
6	16395.446	-60.15	-45.78	-25.00	20.78	Horizontal



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7.2. Test Band = LTE_38_TM1 ANT 2

7.2.1. Test Channel = Low Channel

Suspected Data List						
NO.	Freq. [MHz]	Reading [dBm]	Level [dBm]	Limit [dBm]	Margin [dB]	Polarity
1	31.3096	-69.06	-74.50	-25.00	49.50	Vertical
2	113.7152	-69.53	-63.45	-25.00	38.45	Vertical
3	606.5968	-70.06	-62.44	-25.00	37.44	Vertical
4	3518.5173	-51.59	-61.47	-25.00	36.47	Vertical
5	7360.6454	-57.33	-56.81	-25.00	31.81	Vertical
6	17999.500	-59.81	-41.94	-25.00	16.94	Vertical



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7.3. Test Band = LTE_38_TM1 ANT 2

7.3.1. Test Channel = Mid Channel

Suspected Data List						
NO.	Freq. [MHz]	Reading [dBm]	Level [dBm]	Limit [dBm]	Margin [dB]	Polarity
1	44.5022	-69.83	-62.84	-25.00	37.84	Horizontal
2	234.1467	-71.35	-68.54	-25.00	43.54	Horizontal
3	768.2554	-70.21	-60.29	-25.00	35.29	Horizontal
4	3525.5175	-52.05	-60.77	-25.00	35.77	Horizontal
5	7451.1484	-57.24	-57.27	-25.00	32.27	Horizontal
6	16404.946	-59.81	-45.49	-25.00	20.49	Horizontal



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7.4. Test Band = LTE_38_TM1 ANT 2

7.4.1. Test Channel = Mid Channel

Suspected Data List						
NO.	Freq. [MHz]	Reading [dBm]	Level [dBm]	Limit [dBm]	Margin [dB]	Polarity
1	30.0485	-69.98	-74.18	-25.00	49.18	Vertical
2	108.2344	-70.65	-64.65	-25.00	39.65	Vertical
3	636.5228	-71.07	-63.55	-25.00	38.55	Vertical
4	3596.5199	-52.29	-61.40	-25.00	36.40	Vertical
5	7379.1460	-57.31	-56.77	-25.00	31.77	Vertical
6	17996.999	-59.86	-42.06	-25.00	17.06	Vertical



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7.5. Test Band = LTE_38_TM1 ANT 2

7.5.1. Test Channel = High Channel

Suspected Data List						
NO.	Freq. [MHz]	Reading [dBm]	Level [dBm]	Limit [dBm]	Margin [dB]	Polarity
1	41.4466	-69.85	-63.01	-25.00	38.01	Horizontal
2	97.1759	-70.29	-75.30	-25.00	50.30	Horizontal
3	240.8885	-70.81	-68.04	-25.00	43.04	Horizontal
4	3729.5243	-52.07	-60.55	-25.00	35.55	Horizontal
5	7356.1452	-57.32	-57.49	-25.00	32.49	Horizontal
6	16393.946	-60.16	-45.82	-25.00	20.82	Horizontal



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7.6. Test Band = LTE_38_TM1 ANT 2

7.6.1. Test Channel = High Channel

Suspected Data List						
NO.	Freq. [MHz]	Reading [dBm]	Level [dBm]	Limit [dBm]	Margin [dB]	Polarity
1	30.3880	-69.55	-74.08	-25.00	49.08	Vertical
2	110.0775	-69.67	-63.27	-25.00	38.27	Vertical
3	611.7381	-69.55	-61.95	-25.00	36.95	Vertical
4	3598.0199	-52.79	-61.89	-25.00	36.89	Vertical
5	7350.1450	-57.11	-56.59	-25.00	31.59	Vertical
6	17994.999	-59.87	-42.12	-25.00	17.12	Vertical



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7.7. Test Band = LTE_38_TM1 ANT 3

7.7.1. Test Channel = Low Channel

Suspected Data List						
NO.	Freq. [MHz]	Reading [dBm]	Level [dBm]	Limit [dBm]	Margin [dB]	Polarity
1	43.3867	-69.38	-62.44	-25.00	37.44	Horizontal
2	102.5111	-70.36	-75.00	-25.00	50.00	Horizontal
3	242.5861	-71.81	-69.08	-25.00	44.08	Horizontal
4	3640.5214	-52.73	-61.01	-25.00	36.01	Horizontal
5	7461.6487	-57.19	-57.21	-25.00	32.21	Horizontal
6	17996.999	-58.14	-45.08	-25.00	20.08	Horizontal



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7.8. Test Band = LTE_38_TM1 ANT 3

7.8.1. Test Channel = Low Channel

Suspected Data List						
NO.	Freq. [MHz]	Reading [dBm]	Level [dBm]	Limit [dBm]	Margin [dB]	Polarity
1	30.2425	-70.71	-75.10	-25.00	50.10	Vertical
2	110.9505	-69.35	-63.02	-25.00	38.02	Vertical
3	599.9520	-70.41	-62.77	-25.00	37.77	Vertical
4	3744.5248	-53.17	-62.31	-25.00	37.31	Vertical
5	7339.6447	-57.15	-56.64	-25.00	31.64	Vertical
6	17999.500	-59.36	-41.49	-25.00	16.49	Vertical



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7.9. Test Band = LTE_38_TM1 ANT 3

7.9.1. Test Channel = Mid Channel

Suspected Data List						
NO.	Freq. [MHz]	Reading [dBm]	Level [dBm]	Limit [dBm]	Margin [dB]	Polarity
1	40.5735	-70.33	-63.54	-25.00	38.54	Horizontal
2	103.9662	-69.90	-74.63	-25.00	49.63	Horizontal
3	279.5450	-69.93	-69.09	-25.00	44.09	Horizontal
4	3533.0178	-52.06	-60.72	-25.00	35.72	Horizontal
5	7423.1474	-57.06	-57.11	-25.00	32.11	Horizontal
6	16394.946	-59.56	-45.20	-25.00	20.20	Horizontal



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7.10. Test Band = LTE_38_TM1 ANT 3

7.10.1. Test Channel = Mid Channel

Suspected Data List						
NO.	Freq. [MHz]	Reading [dBm]	Level [dBm]	Limit [dBm]	Margin [dB]	Polarity
1	30.0970	-69.66	-73.91	-25.00	48.91	Vertical
2	111.4841	-69.56	-63.28	-25.00	38.28	Vertical
3	676.5858	-70.58	-62.69	-25.00	37.69	Vertical
4	3745.0248	-52.73	-61.87	-25.00	36.87	Vertical
5	7318.1439	-56.99	-56.50	-25.00	31.50	Vertical
6	17996.499	-58.84	-41.05	-25.00	16.05	Vertical



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7.11. Test Band = LTE_38_TM1 ANT 3

7.11.1. Test Channel = High Channel

Suspected Data List						
NO.	Freq. [MHz]	Reading [dBm]	Level [dBm]	Limit [dBm]	Margin [dB]	Polarity
1	39.9430	-70.06	-63.32	-25.00	38.32	Horizontal
2	100.0860	-70.57	-75.06	-25.00	50.06	Horizontal
3	325.6223	-70.79	-69.05	-25.00	44.05	Horizontal
4	3637.0212	-52.98	-61.24	-25.00	36.24	Horizontal
5	7452.6484	-57.19	-57.22	-25.00	32.22	Horizontal
6	16380.446	-59.67	-45.57	-25.00	20.57	Horizontal



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7.12. Test Band = LTE_38_TM1 ANT 3

7.12.1. Test Channel = High Channel

Suspected Data List						
NO.	Freq. [MHz]	Reading [dBm]	Level [dBm]	Limit [dBm]	Margin [dB]	Polarity
1	31.1156	-69.64	-74.89	-25.00	49.89	Vertical
2	110.1260	-70.81	-64.41	-25.00	39.41	Vertical
3	585.8378	-70.08	-63.14	-25.00	38.14	Vertical
4	3638.5213	-52.34	-61.53	-25.00	36.53	Vertical
5	7456.6486	-57.13	-56.84	-25.00	31.84	Vertical
6	17997.999	-59.29	-41.46	-25.00	16.46	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.
- 4 all modulation and all Bandwidth had been tested, but only the worst case data displayed in this report.
- 5 The whole testing has assessed Ant1 & Ant2 & Ant3 & Ant5, But only the worst data Ant2&Ant3 has be reported



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8. Frequency Stability

8.1. Frequency Vs Voltage

Band	Bandwidth	Modulation	Channel	RB Configure	Voltage [Vdc]	Temperature (°C)	Deviation (Hz)	Deviation (ppm)	Limit (ppm)	Verdict
Band38	20MHz	QPSK	37850	100RB#0	VL	NT	-2.80	-0.001085	±2.5	PASS
Band38	20MHz	QPSK	37850	100RB#0	VN	NT	-5.60	-0.002171	±2.5	PASS
Band38	20MHz	QPSK	37850	100RB#0	VH	NT	-3.90	-0.001512	±2.5	PASS
Band38	20MHz	QPSK	38000	100RB#0	VL	NT	0.30	0.000116	±2.5	PASS
Band38	20MHz	QPSK	38000	100RB#0	VN	NT	-18.10	-0.006975	±2.5	PASS
Band38	20MHz	QPSK	38000	100RB#0	VH	NT	-12.70	-0.004894	±2.5	PASS
Band38	20MHz	QPSK	38150	100RB#0	VL	NT	-8.50	-0.003257	±2.5	PASS
Band38	20MHz	QPSK	38150	100RB#0	VN	NT	-17.60	-0.006743	±2.5	PASS
Band38	20MHz	QPSK	38150	100RB#0	VH	NT	-9.30	-0.003563	±2.5	PASS
Band38	20MHz	64QAM	37850	100RB#0	VL	NT	21.50	0.008333	±2.5	PASS
Band38	20MHz	64QAM	37850	100RB#0	VN	NT	-20.40	-0.007907	±2.5	PASS
Band38	20MHz	64QAM	37850	100RB#0	VH	NT	6.60	0.002558	±2.5	PASS
Band38	20MHz	64QAM	38000	100RB#0	VL	NT	2.90	0.001118	±2.5	PASS
Band38	20MHz	64QAM	38000	100RB#0	VN	NT	-19.60	-0.007553	±2.5	PASS
Band38	20MHz	64QAM	38000	100RB#0	VH	NT	-29.40	-0.011329	±2.5	PASS
Band38	20MHz	64QAM	38150	100RB#0	VL	NT	-19.30	-0.007395	±2.5	PASS
Band38	20MHz	64QAM	38150	100RB#0	VN	NT	-6.20	-0.002375	±2.5	PASS
Band38	20MHz	64QAM	38150	100RB#0	VH	NT	3.50	0.001341	±2.5	PASS
Band38	20MHz	16QAM	37850	100RB#0	VL	NT	-6.80	-0.002636	±2.5	PASS
Band38	20MHz	16QAM	37850	100RB#0	VN	NT	-5.80	-0.002248	±2.5	PASS
Band38	20MHz	16QAM	37850	100RB#0	VH	NT	-8.30	-0.003217	±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	-12.10	-0.004663	±2.5	PASS
Band38	20MHz	16QAM	38000	100RB#0	VH	NT	-15.30	-0.005896	±2.5	PASS
Band38	20MHz	16QAM	38150	100RB#0	VL	NT	-4.70	-0.001801	±2.5	PASS
Band38	20MHz	16QAM	38150	100RB#0	VN	NT	-12.20	-0.004674	±2.5	PASS
Band38	20MHz	16QAM	38150	100RB#0	VH	NT	-5.80	-0.002222	±2.5	PASS

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	2.20	0.000853	±2.5	PASS



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Band38	20MHz	QPSK	37850	100RB#0	NV	-20	4.30	0.001667	±2.5	PASS
Band38	20MHz	QPSK	37850	100RB#0	NV	-10	-1.90	-0.000736	±2.5	PASS
Band38	20MHz	QPSK	37850	100RB#0	NV	0	-8.20	-0.003178	±2.5	PASS
Band38	20MHz	QPSK	37850	100RB#0	NV	10	-1.30	-0.000504	±2.5	PASS
Band38	20MHz	QPSK	37850	100RB#0	NV	20	-0.30	-0.000116	±2.5	PASS
Band38	20MHz	QPSK	37850	100RB#0	NV	30	-1.90	-0.000736	±2.5	PASS
Band38	20MHz	QPSK	37850	100RB#0	NV	40	3.60	0.001395	±2.5	PASS
Band38	20MHz	QPSK	37850	100RB#0	NV	50	-5.90	-0.002287	±2.5	PASS
Band38	20MHz	QPSK	38000	100RB#0	NV	-30	-14.10	-0.005434	±2.5	PASS
Band38	20MHz	QPSK	38000	100RB#0	NV	-20	-3.80	-0.001464	±2.5	PASS
Band38	20MHz	QPSK	38000	100RB#0	NV	-10	-9.50	-0.003661	±2.5	PASS
Band38	20MHz	QPSK	38000	100RB#0	NV	0	-1.50	-0.000578	±2.5	PASS
Band38	20MHz	QPSK	38000	100RB#0	NV	10	-3.40	-0.001310	±2.5	PASS
Band38	20MHz	QPSK	38000	100RB#0	NV	20	-7.20	-0.002775	±2.5	PASS
Band38	20MHz	QPSK	38000	100RB#0	NV	30	-14.20	-0.005472	±2.5	PASS
Band38	20MHz	QPSK	38000	100RB#0	NV	40	-11.90	-0.004586	±2.5	PASS
Band38	20MHz	QPSK	38000	100RB#0	NV	50	-5.30	-0.002042	±2.5	PASS
Band38	20MHz	QPSK	38150	100RB#0	NV	-30	-1.10	-0.000421	±2.5	PASS
Band38	20MHz	QPSK	38150	100RB#0	NV	-20	-14.90	-0.005709	±2.5	PASS
Band38	20MHz	QPSK	38150	100RB#0	NV	-10	-13.70	-0.005249	±2.5	PASS
Band38	20MHz	QPSK	38150	100RB#0	NV	0	-3.70	-0.001418	±2.5	PASS
Band38	20MHz	QPSK	38150	100RB#0	NV	10	-15.50	-0.005939	±2.5	PASS
Band38	20MHz	QPSK	38150	100RB#0	NV	20	-7.30	-0.002797	±2.5	PASS
Band38	20MHz	QPSK	38150	100RB#0	NV	30	-0.70	-0.000268	±2.5	PASS
Band38	20MHz	QPSK	38150	100RB#0	NV	40	-16.80	-0.006437	±2.5	PASS
Band38	20MHz	QPSK	38150	100RB#0	NV	50	-8.40	-0.003218	±2.5	PASS
Band38	20MHz	64QAM	37850	100RB#0	NV	-30	15.40	0.005969	±2.5	PASS
Band38	20MHz	64QAM	37850	100RB#0	NV	-20	-10.30	-0.003992	±2.5	PASS
Band38	20MHz	64QAM	37850	100RB#0	NV	-10	-15.70	-0.006085	±2.5	PASS
Band38	20MHz	64QAM	37850	100RB#0	NV	0	-24.60	-0.009535	±2.5	PASS
Band38	20MHz	64QAM	37850	100RB#0	NV	10	20.60	0.007984	±2.5	PASS
Band38	20MHz	64QAM	37850	100RB#0	NV	20	-0.60	-0.000233	±2.5	PASS
Band38	20MHz	64QAM	37850	100RB#0	NV	30	-10.90	-0.004225	±2.5	PASS
Band38	20MHz	64QAM	37850	100RB#0	NV	40	-12.20	-0.004729	±2.5	PASS
Band38	20MHz	64QAM	37850	100RB#0	NV	50	-19.80	-0.007674	±2.5	PASS
Band38	20MHz	64QAM	38000	100RB#0	NV	-30	11.80	0.004547	±2.5	PASS
Band38	20MHz	64QAM	38000	100RB#0	NV	-20	-16.10	-0.006204	±2.5	PASS
Band38	20MHz	64QAM	38000	100RB#0	NV	-10	-16.60	-0.006397	±2.5	PASS



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Band38	20MHz	64QAM	38000	100RB#0	NV	0	-34.40	-0.013256	±2.5	PASS
Band38	20MHz	64QAM	38000	100RB#0	NV	10	-0.90	-0.000347	±2.5	PASS
Band38	20MHz	64QAM	38000	100RB#0	NV	20	-20.10	-0.007746	±2.5	PASS
Band38	20MHz	64QAM	38000	100RB#0	NV	30	-15.00	-0.005780	±2.5	PASS
Band38	20MHz	64QAM	38000	100RB#0	NV	40	-16.50	-0.006358	±2.5	PASS
Band38	20MHz	64QAM	38000	100RB#0	NV	50	-22.40	-0.008632	±2.5	PASS
Band38	20MHz	64QAM	38150	100RB#0	NV	-30	-8.80	-0.003372	±2.5	PASS
Band38	20MHz	64QAM	38150	100RB#0	NV	-20	-15.20	-0.005824	±2.5	PASS
Band38	20MHz	64QAM	38150	100RB#0	NV	-10	-16.00	-0.006130	±2.5	PASS
Band38	20MHz	64QAM	38150	100RB#0	NV	0	0.60	0.000230	±2.5	PASS
Band38	20MHz	64QAM	38150	100RB#0	NV	10	-6.60	-0.002529	±2.5	PASS
Band38	20MHz	64QAM	38150	100RB#0	NV	20	-13.30	-0.005096	±2.5	PASS
Band38	20MHz	64QAM	38150	100RB#0	NV	30	0.20	0.000077	±2.5	PASS
Band38	20MHz	64QAM	38150	100RB#0	NV	40	-31.30	-0.011992	±2.5	PASS
Band38	20MHz	64QAM	38150	100RB#0	NV	50	-29.10	-0.011149	±2.5	PASS
Band38	20MHz	16QAM	37850	100RB#0	NV	-30	-5.00	-0.001938	±2.5	PASS
Band38	20MHz	16QAM	37850	100RB#0	NV	-20	-3.10	-0.001202	±2.5	PASS
Band38	20MHz	16QAM	37850	100RB#0	NV	-10	-5.80	-0.002248	±2.5	PASS
Band38	20MHz	16QAM	37850	100RB#0	NV	0	-6.30	-0.002442	±2.5	PASS
Band38	20MHz	16QAM	37850	100RB#0	NV	10	-1.60	-0.000620	±2.5	PASS
Band38	20MHz	16QAM	37850	100RB#0	NV	20	0.80	0.000310	±2.5	PASS
Band38	20MHz	16QAM	37850	100RB#0	NV	30	-8.20	-0.003178	±2.5	PASS
Band38	20MHz	16QAM	37850	100RB#0	NV	40	-11.10	-0.004302	±2.5	PASS
Band38	20MHz	16QAM	37850	100RB#0	NV	50	-6.40	-0.002481	±2.5	PASS
Band38	20MHz	16QAM	38000	100RB#0	NV	-30	-14.80	-0.005703	±2.5	PASS
Band38	20MHz	16QAM	38000	100RB#0	NV	-20	-14.80	-0.005703	±2.5	PASS
Band38	20MHz	16QAM	38000	100RB#0	NV	-10	-8.20	-0.003160	±2.5	PASS
Band38	20MHz	16QAM	38000	100RB#0	NV	0	-4.50	-0.001734	±2.5	PASS
Band38	20MHz	16QAM	38000	100RB#0	NV	10	-7.70	-0.002967	±2.5	PASS
Band38	20MHz	16QAM	38000	100RB#0	NV	20	-5.50	-0.002119	±2.5	PASS
Band38	20MHz	16QAM	38000	100RB#0	NV	30	-3.60	-0.001387	±2.5	PASS
Band38	20MHz	16QAM	38000	100RB#0	NV	40	-10.20	-0.003931	±2.5	PASS
Band38	20MHz	16QAM	38000	100RB#0	NV	50	-2.80	-0.001079	±2.5	PASS
Band38	20MHz	16QAM	38150	100RB#0	NV	-30	-3.50	-0.001341	±2.5	PASS
Band38	20MHz	16QAM	38150	100RB#0	NV	-20	-11.30	-0.004330	±2.5	PASS
Band38	20MHz	16QAM	38150	100RB#0	NV	-10	-9.10	-0.003487	±2.5	PASS
Band38	20MHz	16QAM	38150	100RB#0	NV	0	-2.70	-0.001034	±2.5	PASS
Band38	20MHz	16QAM	38150	100RB#0	NV	10	-6.30	-0.002414	±2.5	PASS



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Band38	20MHz	16QAM	38150	100RB#0	NV	20	-14.90	-0.005709	±2.5	PASS
Band38	20MHz	16QAM	38150	100RB#0	NV	30	-15.10	-0.005785	±2.5	PASS
Band38	20MHz	16QAM	38150	100RB#0	NV	40	-11.50	-0.004406	±2.5	PASS
Band38	20MHz	16QAM	38150	100RB#0	NV	50	-5.80	-0.002222	±2.5	PASS



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