



Appendix B

E-UTRA Band 38



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1 Effective (Isotropic) Radiated Power

ANT4:

Band	Bandwidth	Modulation	Channel	RB Config.	Result (dBm)	EIRP (dBm)	Limit (dBm)	Verdict
Band38	5MHz	QPSK	37775	1RB#0	23.31	20.31	33.00	PASS
Band38	5MHz	QPSK	37775	1RB#12	23.33	20.33	33.00	PASS
Band38	5MHz	QPSK	37775	1RB#24	23.30	20.30	33.00	PASS
Band38	5MHz	QPSK	37775	12RB#0	22.50	19.50	33.00	PASS
Band38	5MHz	QPSK	37775	12RB#6	22.51	19.51	33.00	PASS
Band38	5MHz	QPSK	37775	12RB#13	22.47	19.47	33.00	PASS
Band38	5MHz	QPSK	37775	25RB#0	22.41	19.41	33.00	PASS
Band38	5MHz	QPSK	38000	1RB#0	23.19	20.19	33.00	PASS
Band38	5MHz	QPSK	38000	1RB#12	23.33	20.33	33.00	PASS
Band38	5MHz	QPSK	38000	1RB#24	23.30	20.30	33.00	PASS
Band38	5MHz	QPSK	38000	12RB#0	22.30	19.30	33.00	PASS
Band38	5MHz	QPSK	38000	12RB#6	22.36	19.36	33.00	PASS
Band38	5MHz	QPSK	38000	12RB#13	22.39	19.39	33.00	PASS
Band38	5MHz	QPSK	38000	25RB#0	22.43	19.43	33.00	PASS
Band38	5MHz	QPSK	38225	1RB#0	23.29	20.29	33.00	PASS
Band38	5MHz	QPSK	38225	1RB#12	23.36	20.36	33.00	PASS
Band38	5MHz	QPSK	38225	1RB#24	23.33	20.33	33.00	PASS
Band38	5MHz	QPSK	38225	12RB#0	22.39	19.39	33.00	PASS
Band38	5MHz	QPSK	38225	12RB#6	22.35	19.35	33.00	PASS
Band38	5MHz	QPSK	38225	12RB#13	22.44	19.44	33.00	PASS
Band38	5MHz	QPSK	38225	25RB#0	22.34	19.34	33.00	PASS
Band38	5MHz	16QAM	37775	1RB#0	22.38	19.38	33.00	PASS
Band38	5MHz	16QAM	37775	1RB#12	22.53	19.53	33.00	PASS
Band38	5MHz	16QAM	37775	1RB#24	22.45	19.45	33.00	PASS
Band38	5MHz	16QAM	37775	12RB#0	21.45	18.45	33.00	PASS
Band38	5MHz	16QAM	37775	12RB#6	21.42	18.42	33.00	PASS
Band38	5MHz	16QAM	37775	12RB#13	21.48	18.48	33.00	PASS
Band38	5MHz	16QAM	37775	25RB#0	21.52	18.52	33.00	PASS
Band38	5MHz	16QAM	38000	1RB#0	22.36	19.36	33.00	PASS
Band38	5MHz	16QAM	38000	1RB#12	22.42	19.42	33.00	PASS
Band38	5MHz	16QAM	38000	1RB#24	22.38	19.38	33.00	PASS
Band38	5MHz	16QAM	38000	12RB#0	21.28	18.28	33.00	PASS



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Band38	5MHz	16QAM	38000	12RB#6	21.35	18.35	33.00	PASS
Band38	5MHz	16QAM	38000	12RB#13	21.42	18.42	33.00	PASS
Band38	5MHz	16QAM	38000	25RB#0	21.40	18.40	33.00	PASS
Band38	5MHz	16QAM	38225	1RB#0	22.46	19.46	33.00	PASS
Band38	5MHz	16QAM	38225	1RB#12	22.51	19.51	33.00	PASS
Band38	5MHz	16QAM	38225	1RB#24	22.46	19.46	33.00	PASS
Band38	5MHz	16QAM	38225	12RB#0	21.33	18.33	33.00	PASS
Band38	5MHz	16QAM	38225	12RB#6	21.38	18.38	33.00	PASS
Band38	5MHz	16QAM	38225	12RB#13	21.43	18.43	33.00	PASS
Band38	5MHz	16QAM	38225	25RB#0	21.43	18.43	33.00	PASS
Band38	5MHz	64QAM	37775	1RB#0	21.33	18.33	33.00	PASS
Band38	5MHz	64QAM	37775	1RB#12	21.21	18.21	33.00	PASS
Band38	5MHz	64QAM	37775	1RB#24	21.40	18.40	33.00	PASS
Band38	5MHz	64QAM	37775	12RB#0	20.39	17.39	33.00	PASS
Band38	5MHz	64QAM	37775	12RB#6	20.27	17.27	33.00	PASS
Band38	5MHz	64QAM	37775	12RB#13	20.34	17.34	33.00	PASS
Band38	5MHz	64QAM	37775	25RB#0	20.25	17.25	33.00	PASS
Band38	5MHz	64QAM	38000	1RB#0	21.29	18.29	33.00	PASS
Band38	5MHz	64QAM	38000	1RB#12	21.44	18.44	33.00	PASS
Band38	5MHz	64QAM	38000	1RB#24	21.31	18.31	33.00	PASS
Band38	5MHz	64QAM	38000	12RB#0	20.35	17.35	33.00	PASS
Band38	5MHz	64QAM	38000	12RB#6	20.40	17.40	33.00	PASS
Band38	5MHz	64QAM	38000	12RB#13	20.43	17.43	33.00	PASS
Band38	5MHz	64QAM	38000	25RB#0	20.32	17.32	33.00	PASS
Band38	5MHz	64QAM	38225	1RB#0	21.38	18.38	33.00	PASS
Band38	5MHz	64QAM	38225	1RB#12	21.24	18.24	33.00	PASS
Band38	5MHz	64QAM	38225	1RB#24	21.32	18.32	33.00	PASS
Band38	5MHz	64QAM	38225	12RB#0	20.14	17.14	33.00	PASS
Band38	5MHz	64QAM	38225	12RB#6	20.15	17.15	33.00	PASS
Band38	5MHz	64QAM	38225	12RB#13	20.14	17.14	33.00	PASS
Band38	5MHz	64QAM	38225	25RB#0	20.33	17.33	33.00	PASS
Band38	10MHz	QPSK	37800	1RB#0	23.48	20.48	33.00	PASS
Band38	10MHz	QPSK	37800	1RB#24	23.38	20.38	33.00	PASS
Band38	10MHz	QPSK	37800	1RB#49	23.38	20.38	33.00	PASS
Band38	10MHz	QPSK	37800	25RB#0	22.43	19.43	33.00	PASS
Band38	10MHz	QPSK	37800	25RB#12	22.41	19.41	33.00	PASS
Band38	10MHz	QPSK	37800	25RB#25	22.45	19.45	33.00	PASS
Band38	10MHz	QPSK	37800	50RB#0	22.41	19.41	33.00	PASS



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Band38	10MHz	QPSK	38000	1RB#0	23.20	20.20	33.00	PASS
Band38	10MHz	QPSK	38000	1RB#24	23.30	20.30	33.00	PASS
Band38	10MHz	QPSK	38000	1RB#49	23.33	20.33	33.00	PASS
Band38	10MHz	QPSK	38000	25RB#0	22.29	19.29	33.00	PASS
Band38	10MHz	QPSK	38000	25RB#12	22.36	19.36	33.00	PASS
Band38	10MHz	QPSK	38000	25RB#25	22.39	19.39	33.00	PASS
Band38	10MHz	QPSK	38000	50RB#0	22.47	19.47	33.00	PASS
Band38	10MHz	QPSK	38200	1RB#0	23.27	20.27	33.00	PASS
Band38	10MHz	QPSK	38200	1RB#24	23.37	20.37	33.00	PASS
Band38	10MHz	QPSK	38200	1RB#49	23.32	20.32	33.00	PASS
Band38	10MHz	QPSK	38200	25RB#0	22.33	19.33	33.00	PASS
Band38	10MHz	QPSK	38200	25RB#12	22.39	19.39	33.00	PASS
Band38	10MHz	QPSK	38200	25RB#25	22.45	19.45	33.00	PASS
Band38	10MHz	QPSK	38200	50RB#0	22.45	19.45	33.00	PASS
Band38	10MHz	16QAM	37800	1RB#0	22.50	19.50	33.00	PASS
Band38	10MHz	16QAM	37800	1RB#24	22.42	19.42	33.00	PASS
Band38	10MHz	16QAM	37800	1RB#49	22.45	19.45	33.00	PASS
Band38	10MHz	16QAM	37800	25RB#0	21.39	18.39	33.00	PASS
Band38	10MHz	16QAM	37800	25RB#12	21.48	18.48	33.00	PASS
Band38	10MHz	16QAM	37800	25RB#25	21.43	18.43	33.00	PASS
Band38	10MHz	16QAM	37800	50RB#0	21.51	18.51	33.00	PASS
Band38	10MHz	16QAM	38000	1RB#0	22.36	19.36	33.00	PASS
Band38	10MHz	16QAM	38000	1RB#24	22.27	19.27	33.00	PASS
Band38	10MHz	16QAM	38000	1RB#49	22.39	19.39	33.00	PASS
Band38	10MHz	16QAM	38000	25RB#0	21.44	18.44	33.00	PASS
Band38	10MHz	16QAM	38000	25RB#12	21.41	18.41	33.00	PASS
Band38	10MHz	16QAM	38000	25RB#25	21.42	18.42	33.00	PASS
Band38	10MHz	16QAM	38000	50RB#0	21.42	18.42	33.00	PASS
Band38	10MHz	16QAM	38200	1RB#0	22.39	19.39	33.00	PASS
Band38	10MHz	16QAM	38200	1RB#24	22.29	19.29	33.00	PASS
Band38	10MHz	16QAM	38200	1RB#49	22.35	19.35	33.00	PASS
Band38	10MHz	16QAM	38200	25RB#0	21.36	18.36	33.00	PASS
Band38	10MHz	16QAM	38200	25RB#12	21.44	18.44	33.00	PASS
Band38	10MHz	16QAM	38200	25RB#25	21.35	18.35	33.00	PASS
Band38	10MHz	16QAM	38200	50RB#0	21.44	18.44	33.00	PASS
Band38	10MHz	64QAM	37800	1RB#0	21.39	18.39	33.00	PASS
Band38	10MHz	64QAM	37800	1RB#24	21.19	18.19	33.00	PASS
Band38	10MHz	64QAM	37800	1RB#49	21.27	18.27	33.00	PASS



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Band38	10MHz	64QAM	37800	25RB#0	20.32	17.32	33.00	PASS
Band38	10MHz	64QAM	37800	25RB#12	20.19	17.19	33.00	PASS
Band38	10MHz	64QAM	37800	25RB#25	20.40	17.40	33.00	PASS
Band38	10MHz	64QAM	37800	50RB#0	20.44	17.44	33.00	PASS
Band38	10MHz	64QAM	38000	1RB#0	21.39	18.39	33.00	PASS
Band38	10MHz	64QAM	38000	1RB#24	21.42	18.42	33.00	PASS
Band38	10MHz	64QAM	38000	1RB#49	21.23	18.23	33.00	PASS
Band38	10MHz	64QAM	38000	25RB#0	20.34	17.34	33.00	PASS
Band38	10MHz	64QAM	38000	25RB#12	20.40	17.40	33.00	PASS
Band38	10MHz	64QAM	38000	25RB#25	20.22	17.22	33.00	PASS
Band38	10MHz	64QAM	38000	50RB#0	20.35	17.35	33.00	PASS
Band38	10MHz	64QAM	38200	1RB#0	21.22	18.22	33.00	PASS
Band38	10MHz	64QAM	38200	1RB#24	21.24	18.24	33.00	PASS
Band38	10MHz	64QAM	38200	1RB#49	21.15	18.15	33.00	PASS
Band38	10MHz	64QAM	38200	25RB#0	20.17	17.17	33.00	PASS
Band38	10MHz	64QAM	38200	25RB#12	20.32	17.32	33.00	PASS
Band38	10MHz	64QAM	38200	25RB#25	20.26	17.26	33.00	PASS
Band38	10MHz	64QAM	38200	50RB#0	20.29	17.29	33.00	PASS
Band38	15MHz	QPSK	37825	1RB#0	23.30	20.30	33.00	PASS
Band38	15MHz	QPSK	37825	1RB#38	23.29	20.29	33.00	PASS
Band38	15MHz	QPSK	37825	1RB#74	23.21	20.21	33.00	PASS
Band38	15MHz	QPSK	37825	38RB#0	22.51	19.51	33.00	PASS
Band38	15MHz	QPSK	37825	38RB#18	22.49	19.49	33.00	PASS
Band38	15MHz	QPSK	37825	38RB#37	22.51	19.51	33.00	PASS
Band38	15MHz	QPSK	37825	75RB#0	22.51	19.51	33.00	PASS
Band38	15MHz	QPSK	38000	1RB#0	23.30	20.30	33.00	PASS
Band38	15MHz	QPSK	38000	1RB#38	23.27	20.27	33.00	PASS
Band38	15MHz	QPSK	38000	1RB#74	23.29	20.29	33.00	PASS
Band38	15MHz	QPSK	38000	38RB#0	22.37	19.37	33.00	PASS
Band38	15MHz	QPSK	38000	38RB#18	22.41	19.41	33.00	PASS
Band38	15MHz	QPSK	38000	38RB#37	22.41	19.41	33.00	PASS
Band38	15MHz	QPSK	38000	75RB#0	22.48	19.48	33.00	PASS
Band38	15MHz	QPSK	38175	1RB#0	23.24	20.24	33.00	PASS
Band38	15MHz	QPSK	38175	1RB#38	23.13	20.13	33.00	PASS
Band38	15MHz	QPSK	38175	1RB#74	23.35	20.35	33.00	PASS
Band38	15MHz	QPSK	38175	38RB#0	22.43	19.43	33.00	PASS
Band38	15MHz	QPSK	38175	38RB#18	22.39	19.39	33.00	PASS
Band38	15MHz	QPSK	38175	38RB#37	22.40	19.40	33.00	PASS



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Band38	15MHz	QPSK	38175	75RB#0	22.38	19.38	33.00	PASS
Band38	15MHz	16QAM	37825	1RB#0	22.49	19.49	33.00	PASS
Band38	15MHz	16QAM	37825	1RB#38	22.42	19.42	33.00	PASS
Band38	15MHz	16QAM	37825	1RB#74	22.41	19.41	33.00	PASS
Band38	15MHz	16QAM	37825	38RB#0	21.56	18.56	33.00	PASS
Band38	15MHz	16QAM	37825	38RB#18	21.42	18.42	33.00	PASS
Band38	15MHz	16QAM	37825	38RB#37	21.48	18.48	33.00	PASS
Band38	15MHz	16QAM	37825	75RB#0	21.55	18.55	33.00	PASS
Band38	15MHz	16QAM	38000	1RB#0	22.41	19.41	33.00	PASS
Band38	15MHz	16QAM	38000	1RB#38	22.28	19.28	33.00	PASS
Band38	15MHz	16QAM	38000	1RB#74	22.39	19.39	33.00	PASS
Band38	15MHz	16QAM	38000	38RB#0	21.39	18.39	33.00	PASS
Band38	15MHz	16QAM	38000	38RB#18	21.36	18.36	33.00	PASS
Band38	15MHz	16QAM	38000	38RB#37	21.43	18.43	33.00	PASS
Band38	15MHz	16QAM	38000	75RB#0	21.49	18.49	33.00	PASS
Band38	15MHz	16QAM	38175	1RB#0	22.35	19.35	33.00	PASS
Band38	15MHz	16QAM	38175	1RB#38	22.36	19.36	33.00	PASS
Band38	15MHz	16QAM	38175	1RB#74	22.52	19.52	33.00	PASS
Band38	15MHz	16QAM	38175	38RB#0	21.44	18.44	33.00	PASS
Band38	15MHz	16QAM	38175	38RB#18	21.29	18.29	33.00	PASS
Band38	15MHz	16QAM	38175	38RB#37	21.42	18.42	33.00	PASS
Band38	15MHz	16QAM	38175	75RB#0	21.43	18.43	33.00	PASS
Band38	15MHz	64QAM	37825	1RB#0	21.39	18.39	33.00	PASS
Band38	15MHz	64QAM	37825	1RB#38	21.33	18.33	33.00	PASS
Band38	15MHz	64QAM	37825	1RB#74	21.34	18.34	33.00	PASS
Band38	15MHz	64QAM	37825	38RB#0	20.15	17.15	33.00	PASS
Band38	15MHz	64QAM	37825	38RB#18	20.36	17.36	33.00	PASS
Band38	15MHz	64QAM	37825	38RB#37	20.34	17.34	33.00	PASS
Band38	15MHz	64QAM	37825	75RB#0	20.36	17.36	33.00	PASS
Band38	15MHz	64QAM	38000	1RB#0	21.16	18.16	33.00	PASS
Band38	15MHz	64QAM	38000	1RB#38	21.22	18.22	33.00	PASS
Band38	15MHz	64QAM	38000	1RB#74	21.45	18.45	33.00	PASS
Band38	15MHz	64QAM	38000	38RB#0	20.19	17.19	33.00	PASS
Band38	15MHz	64QAM	38000	38RB#18	20.40	17.40	33.00	PASS
Band38	15MHz	64QAM	38000	38RB#37	20.20	17.20	33.00	PASS
Band38	15MHz	64QAM	38000	75RB#0	20.15	17.15	33.00	PASS
Band38	15MHz	64QAM	38175	1RB#0	21.38	18.38	33.00	PASS
Band38	15MHz	64QAM	38175	1RB#38	21.34	18.34	33.00	PASS



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Band38	15MHz	64QAM	38175	1RB#74	21.14	18.14	33.00	PASS
Band38	15MHz	64QAM	38175	38RB#0	20.30	17.30	33.00	PASS
Band38	15MHz	64QAM	38175	38RB#18	20.35	17.35	33.00	PASS
Band38	15MHz	64QAM	38175	38RB#37	20.29	17.29	33.00	PASS
Band38	15MHz	64QAM	38175	75RB#0	20.37	17.37	33.00	PASS
Band38	20MHz	QPSK	37850	1RB#0	23.36	20.36	33.00	PASS
Band38	20MHz	QPSK	37850	1RB#49	23.38	20.38	33.00	PASS
Band38	20MHz	QPSK	37850	1RB#99	23.44	20.44	33.00	PASS
Band38	20MHz	QPSK	37850	50RB#0	22.62	19.62	33.00	PASS
Band38	20MHz	QPSK	37850	50RB#25	22.68	19.68	33.00	PASS
Band38	20MHz	QPSK	37850	50RB#50	22.66	19.66	33.00	PASS
Band38	20MHz	QPSK	37850	100RB#0	22.68	19.68	33.00	PASS
Band38	20MHz	QPSK	38000	1RB#0	23.38	20.38	33.00	PASS
Band38	20MHz	QPSK	38000	1RB#49	23.46	20.46	33.00	PASS
Band38	20MHz	QPSK	38000	1RB#99	23.45	20.45	33.00	PASS
Band38	20MHz	QPSK	38000	50RB#0	22.59	19.59	33.00	PASS
Band38	20MHz	QPSK	38000	50RB#25	22.71	19.71	33.00	PASS
Band38	20MHz	QPSK	38000	50RB#50	22.63	19.63	33.00	PASS
Band38	20MHz	QPSK	38000	100RB#0	22.69	19.69	33.00	PASS
Band38	20MHz	QPSK	38150	1RB#0	23.40	20.40	33.00	PASS
Band38	20MHz	QPSK	38150	1RB#49	23.42	20.42	33.00	PASS
Band38	20MHz	QPSK	38150	1RB#99	23.45	20.45	33.00	PASS
Band38	20MHz	QPSK	38150	50RB#0	22.64	19.64	33.00	PASS
Band38	20MHz	QPSK	38150	50RB#25	22.70	19.70	33.00	PASS
Band38	20MHz	QPSK	38150	50RB#50	22.69	19.69	33.00	PASS
Band38	20MHz	QPSK	38150	100RB#0	22.62	19.62	33.00	PASS
Band38	20MHz	16QAM	37850	1RB#0	22.58	19.58	33.00	PASS
Band38	20MHz	16QAM	37850	1RB#49	22.62	19.62	33.00	PASS
Band38	20MHz	16QAM	37850	1RB#99	22.60	19.60	33.00	PASS
Band38	20MHz	16QAM	37850	50RB#0	21.72	18.72	33.00	PASS
Band38	20MHz	16QAM	37850	50RB#25	21.69	18.69	33.00	PASS
Band38	20MHz	16QAM	37850	50RB#50	21.66	18.66	33.00	PASS
Band38	20MHz	16QAM	37850	100RB#0	21.68	18.68	33.00	PASS
Band38	20MHz	16QAM	38000	1RB#0	22.60	19.60	33.00	PASS
Band38	20MHz	16QAM	38000	1RB#49	22.53	19.53	33.00	PASS
Band38	20MHz	16QAM	38000	1RB#99	22.64	19.64	33.00	PASS
Band38	20MHz	16QAM	38000	50RB#0	21.60	18.60	33.00	PASS
Band38	20MHz	16QAM	38000	50RB#25	21.71	18.71	33.00	PASS



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Band38	20MHz	16QAM	38000	50RB#50	21.67	18.67	33.00	PASS
Band38	20MHz	16QAM	38000	100RB#0	21.66	18.66	33.00	PASS
Band38	20MHz	16QAM	38150	1RB#0	22.67	19.67	33.00	PASS
Band38	20MHz	16QAM	38150	1RB#49	22.63	19.63	33.00	PASS
Band38	20MHz	16QAM	38150	1RB#99	22.54	19.54	33.00	PASS
Band38	20MHz	16QAM	38150	50RB#0	21.68	18.68	33.00	PASS
Band38	20MHz	16QAM	38150	50RB#25	21.70	18.70	33.00	PASS
Band38	20MHz	16QAM	38150	50RB#50	21.72	18.72	33.00	PASS
Band38	20MHz	16QAM	38150	100RB#0	21.74	18.74	33.00	PASS
Band38	20MHz	64QAM	37850	1RB#0	21.21	18.21	33.00	PASS
Band38	20MHz	64QAM	37850	1RB#49	21.40	18.40	33.00	PASS
Band38	20MHz	64QAM	37850	1RB#99	21.44	18.44	33.00	PASS
Band38	20MHz	64QAM	37850	50RB#0	20.45	17.45	33.00	PASS
Band38	20MHz	64QAM	37850	50RB#25	20.19	17.19	33.00	PASS
Band38	20MHz	64QAM	37850	50RB#50	20.39	17.39	33.00	PASS
Band38	20MHz	64QAM	37850	100RB#0	20.24	17.24	33.00	PASS
Band38	20MHz	64QAM	38000	1RB#0	21.26	18.26	33.00	PASS
Band38	20MHz	64QAM	38000	1RB#49	21.23	18.23	33.00	PASS
Band38	20MHz	64QAM	38000	1RB#99	21.21	18.21	33.00	PASS
Band38	20MHz	64QAM	38000	50RB#0	20.14	17.14	33.00	PASS
Band38	20MHz	64QAM	38000	50RB#25	20.28	17.28	33.00	PASS
Band38	20MHz	64QAM	38000	50RB#50	20.29	17.29	33.00	PASS
Band38	20MHz	64QAM	38000	100RB#0	20.18	17.18	33.00	PASS
Band38	20MHz	64QAM	38150	1RB#0	21.32	18.32	33.00	PASS
Band38	20MHz	64QAM	38150	1RB#49	21.45	18.45	33.00	PASS
Band38	20MHz	64QAM	38150	1RB#99	21.43	18.43	33.00	PASS
Band38	20MHz	64QAM	38150	50RB#0	20.27	17.27	33.00	PASS
Band38	20MHz	64QAM	38150	50RB#25	20.14	17.14	33.00	PASS
Band38	20MHz	64QAM	38150	50RB#50	20.27	17.27	33.00	PASS
Band38	20MHz	64QAM	38150	100RB#0	20.27	17.27	33.00	PASS



ANT3:

Band	Bandwidth h	Modulation	Channel	RB Config.	Result (dBm)	EIRP (dBm)	Limit (dBm)	Verdict
Band38	5MHz	QPSK	37775	1RB#0	20.19	19.19	33.00	PASS
Band38	5MHz	QPSK	37775	1RB#12	20.34	19.34	33.00	PASS
Band38	5MHz	QPSK	37775	1RB#24	20.36	19.36	33.00	PASS
Band38	5MHz	QPSK	37775	12RB#0	20.21	19.21	33.00	PASS
Band38	5MHz	QPSK	37775	12RB#6	20.25	19.25	33.00	PASS
Band38	5MHz	QPSK	37775	12RB#13	20.29	19.29	33.00	PASS
Band38	5MHz	QPSK	37775	25RB#0	20.22	19.22	33.00	PASS
Band38	5MHz	QPSK	38000	1RB#0	20.31	19.31	33.00	PASS
Band38	5MHz	QPSK	38000	1RB#12	20.34	19.34	33.00	PASS
Band38	5MHz	QPSK	38000	1RB#24	20.34	19.34	33.00	PASS
Band38	5MHz	QPSK	38000	12RB#0	20.23	19.23	33.00	PASS
Band38	5MHz	QPSK	38000	12RB#6	20.25	19.25	33.00	PASS
Band38	5MHz	QPSK	38000	12RB#13	20.28	19.28	33.00	PASS
Band38	5MHz	QPSK	38000	25RB#0	20.34	19.34	33.00	PASS
Band38	5MHz	QPSK	38225	1RB#0	20.26	19.26	33.00	PASS
Band38	5MHz	QPSK	38225	1RB#12	20.31	19.31	33.00	PASS
Band38	5MHz	QPSK	38225	1RB#24	20.24	19.24	33.00	PASS
Band38	5MHz	QPSK	38225	12RB#0	20.19	19.19	33.00	PASS
Band38	5MHz	QPSK	38225	12RB#6	20.19	19.19	33.00	PASS
Band38	5MHz	QPSK	38225	12RB#13	20.17	19.17	33.00	PASS
Band38	5MHz	QPSK	38225	25RB#0	20.17	19.17	33.00	PASS
Band38	5MHz	16QAM	37775	1RB#0	20.11	19.11	33.00	PASS
Band38	5MHz	16QAM	37775	1RB#12	20.23	19.23	33.00	PASS
Band38	5MHz	16QAM	37775	1RB#24	20.11	19.11	33.00	PASS
Band38	5MHz	16QAM	37775	12RB#0	20.23	19.23	33.00	PASS
Band38	5MHz	16QAM	37775	12RB#6	20.26	19.26	33.00	PASS
Band38	5MHz	16QAM	37775	12RB#13	20.31	19.31	33.00	PASS
Band38	5MHz	16QAM	37775	25RB#0	20.33	19.33	33.00	PASS
Band38	5MHz	16QAM	38000	1RB#0	20.20	19.2	33.00	PASS
Band38	5MHz	16QAM	38000	1RB#12	20.24	19.24	33.00	PASS
Band38	5MHz	16QAM	38000	1RB#24	20.20	19.2	33.00	PASS
Band38	5MHz	16QAM	38000	12RB#0	20.23	19.23	33.00	PASS
Band38	5MHz	16QAM	38000	12RB#6	20.25	19.25	33.00	PASS
Band38	5MHz	16QAM	38000	12RB#13	20.29	19.29	33.00	PASS
Band38	5MHz	16QAM	38000	25RB#0	20.29	19.29	33.00	PASS



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Band38	5MHz	16QAM	38225	1RB#0	20.16	19.16	33.00	PASS
Band38	5MHz	16QAM	38225	1RB#12	20.15	19.15	33.00	PASS
Band38	5MHz	16QAM	38225	1RB#24	20.08	19.08	33.00	PASS
Band38	5MHz	16QAM	38225	12RB#0	20.14	19.14	33.00	PASS
Band38	5MHz	16QAM	38225	12RB#6	20.20	19.2	33.00	PASS
Band38	5MHz	16QAM	38225	12RB#13	20.13	19.13	33.00	PASS
Band38	5MHz	16QAM	38225	25RB#0	20.22	19.22	33.00	PASS
Band38	5MHz	64QAM	37775	1RB#0	20.06	19.06	33.00	PASS
Band38	5MHz	64QAM	37775	1RB#12	20.11	19.11	33.00	PASS
Band38	5MHz	64QAM	37775	1RB#24	20.10	19.1	33.00	PASS
Band38	5MHz	64QAM	37775	12RB#0	20.07	19.07	33.00	PASS
Band38	5MHz	64QAM	37775	12RB#6	20.09	19.09	33.00	PASS
Band38	5MHz	64QAM	37775	12RB#13	20.02	19.02	33.00	PASS
Band38	5MHz	64QAM	37775	25RB#0	20.04	19.04	33.00	PASS
Band38	5MHz	64QAM	38000	1RB#0	19.97	18.97	33.00	PASS
Band38	5MHz	64QAM	38000	1RB#12	20.07	19.07	33.00	PASS
Band38	5MHz	64QAM	38000	1RB#24	19.97	18.97	33.00	PASS
Band38	5MHz	64QAM	38000	12RB#0	20.07	19.07	33.00	PASS
Band38	5MHz	64QAM	38000	12RB#6	20.03	19.03	33.00	PASS
Band38	5MHz	64QAM	38000	12RB#13	20.10	19.1	33.00	PASS
Band38	5MHz	64QAM	38000	25RB#0	19.98	18.98	33.00	PASS
Band38	5MHz	64QAM	38225	1RB#0	19.97	18.97	33.00	PASS
Band38	5MHz	64QAM	38225	1RB#12	20.03	19.03	33.00	PASS
Band38	5MHz	64QAM	38225	1RB#24	20.17	19.17	33.00	PASS
Band38	5MHz	64QAM	38225	12RB#0	20.11	19.11	33.00	PASS
Band38	5MHz	64QAM	38225	12RB#6	19.98	18.98	33.00	PASS
Band38	5MHz	64QAM	38225	12RB#13	20.12	19.12	33.00	PASS
Band38	5MHz	64QAM	38225	25RB#0	20.15	19.15	33.00	PASS
Band38	10MHz	QPSK	37800	1RB#0	20.37	19.37	33.00	PASS
Band38	10MHz	QPSK	37800	1RB#24	20.26	19.26	33.00	PASS
Band38	10MHz	QPSK	37800	1RB#49	20.40	19.4	33.00	PASS
Band38	10MHz	QPSK	37800	25RB#0	20.29	19.29	33.00	PASS
Band38	10MHz	QPSK	37800	25RB#12	20.29	19.29	33.00	PASS
Band38	10MHz	QPSK	37800	25RB#25	20.36	19.36	33.00	PASS
Band38	10MHz	QPSK	37800	50RB#0	20.30	19.3	33.00	PASS
Band38	10MHz	QPSK	38000	1RB#0	20.44	19.44	33.00	PASS
Band38	10MHz	QPSK	38000	1RB#24	20.29	19.29	33.00	PASS
Band38	10MHz	QPSK	38000	1RB#49	20.29	19.29	33.00	PASS



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Band38	10MHz	QPSK	38000	25RB#0	20.38	19.38	33.00	PASS
Band38	10MHz	QPSK	38000	25RB#12	20.29	19.29	33.00	PASS
Band38	10MHz	QPSK	38000	25RB#25	20.26	19.26	33.00	PASS
Band38	10MHz	QPSK	38000	50RB#0	20.31	19.31	33.00	PASS
Band38	10MHz	QPSK	38200	1RB#0	20.23	19.23	33.00	PASS
Band38	10MHz	QPSK	38200	1RB#24	20.17	19.17	33.00	PASS
Band38	10MHz	QPSK	38200	1RB#49	20.26	19.26	33.00	PASS
Band38	10MHz	QPSK	38200	25RB#0	20.19	19.19	33.00	PASS
Band38	10MHz	QPSK	38200	25RB#12	20.22	19.22	33.00	PASS
Band38	10MHz	QPSK	38200	25RB#25	20.25	19.25	33.00	PASS
Band38	10MHz	QPSK	38200	50RB#0	20.13	19.13	33.00	PASS
Band38	10MHz	16QAM	37800	1RB#0	19.99	18.99	33.00	PASS
Band38	10MHz	16QAM	37800	1RB#24	20.14	19.14	33.00	PASS
Band38	10MHz	16QAM	37800	1RB#49	20.21	19.21	33.00	PASS
Band38	10MHz	16QAM	37800	25RB#0	20.19	19.19	33.00	PASS
Band38	10MHz	16QAM	37800	25RB#12	20.22	19.22	33.00	PASS
Band38	10MHz	16QAM	37800	25RB#25	20.36	19.36	33.00	PASS
Band38	10MHz	16QAM	37800	50RB#0	20.33	19.33	33.00	PASS
Band38	10MHz	16QAM	38000	1RB#0	20.20	19.2	33.00	PASS
Band38	10MHz	16QAM	38000	1RB#24	20.26	19.26	33.00	PASS
Band38	10MHz	16QAM	38000	1RB#49	20.24	19.24	33.00	PASS
Band38	10MHz	16QAM	38000	25RB#0	20.23	19.23	33.00	PASS
Band38	10MHz	16QAM	38000	25RB#12	20.40	19.4	33.00	PASS
Band38	10MHz	16QAM	38000	25RB#25	20.37	19.37	33.00	PASS
Band38	10MHz	16QAM	38000	50RB#0	20.40	19.4	33.00	PASS
Band38	10MHz	16QAM	38200	1RB#0	19.90	18.9	33.00	PASS
Band38	10MHz	16QAM	38200	1RB#24	19.99	18.99	33.00	PASS
Band38	10MHz	16QAM	38200	1RB#49	20.23	19.23	33.00	PASS
Band38	10MHz	16QAM	38200	25RB#0	20.16	19.16	33.00	PASS
Band38	10MHz	16QAM	38200	25RB#12	20.29	19.29	33.00	PASS
Band38	10MHz	16QAM	38200	25RB#25	20.31	19.31	33.00	PASS
Band38	10MHz	16QAM	38200	50RB#0	20.20	19.2	33.00	PASS
Band38	10MHz	64QAM	37800	1RB#0	20.06	19.06	33.00	PASS
Band38	10MHz	64QAM	37800	1RB#24	20.12	19.12	33.00	PASS
Band38	10MHz	64QAM	37800	1RB#49	20.11	19.11	33.00	PASS
Band38	10MHz	64QAM	37800	25RB#0	20.08	19.08	33.00	PASS
Band38	10MHz	64QAM	37800	25RB#12	20.07	19.07	33.00	PASS
Band38	10MHz	64QAM	37800	25RB#25	20.04	19.04	33.00	PASS



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Band38	10MHz	64QAM	37800	50RB#0	20.09	19.09	33.00	PASS
Band38	10MHz	64QAM	38000	1RB#0	20.11	19.11	33.00	PASS
Band38	10MHz	64QAM	38000	1RB#24	20.07	19.07	33.00	PASS
Band38	10MHz	64QAM	38000	1RB#49	20.06	19.06	33.00	PASS
Band38	10MHz	64QAM	38000	25RB#0	20.17	19.17	33.00	PASS
Band38	10MHz	64QAM	38000	25RB#12	20.08	19.08	33.00	PASS
Band38	10MHz	64QAM	38000	25RB#25	19.97	18.97	33.00	PASS
Band38	10MHz	64QAM	38000	50RB#0	19.96	18.96	33.00	PASS
Band38	10MHz	64QAM	38200	1RB#0	20.12	19.12	33.00	PASS
Band38	10MHz	64QAM	38200	1RB#24	20.07	19.07	33.00	PASS
Band38	10MHz	64QAM	38200	1RB#49	20.02	19.02	33.00	PASS
Band38	10MHz	64QAM	38200	25RB#0	19.97	18.97	33.00	PASS
Band38	10MHz	64QAM	38200	25RB#12	20.08	19.08	33.00	PASS
Band38	10MHz	64QAM	38200	25RB#25	20.04	19.04	33.00	PASS
Band38	10MHz	64QAM	38200	50RB#0	19.97	18.97	33.00	PASS
Band38	15MHz	QPSK	37825	1RB#0	20.55	19.55	33.00	PASS
Band38	15MHz	QPSK	37825	1RB#38	20.40	19.4	33.00	PASS
Band38	15MHz	QPSK	37825	1RB#74	20.54	19.54	33.00	PASS
Band38	15MHz	QPSK	37825	38RB#0	20.51	19.51	33.00	PASS
Band38	15MHz	QPSK	37825	38RB#18	20.48	19.48	33.00	PASS
Band38	15MHz	QPSK	37825	38RB#37	20.58	19.58	33.00	PASS
Band38	15MHz	QPSK	37825	75RB#0	20.59	19.59	33.00	PASS
Band38	15MHz	QPSK	38000	1RB#0	20.53	19.53	33.00	PASS
Band38	15MHz	QPSK	38000	1RB#38	20.64	19.64	33.00	PASS
Band38	15MHz	QPSK	38000	1RB#74	20.48	19.48	33.00	PASS
Band38	15MHz	QPSK	38000	38RB#0	20.56	19.56	33.00	PASS
Band38	15MHz	QPSK	38000	38RB#18	20.55	19.55	33.00	PASS
Band38	15MHz	QPSK	38000	38RB#37	20.52	19.52	33.00	PASS
Band38	15MHz	QPSK	38000	75RB#0	20.49	19.49	33.00	PASS
Band38	15MHz	QPSK	38175	1RB#0	20.47	19.47	33.00	PASS
Band38	15MHz	QPSK	38175	1RB#38	20.47	19.47	33.00	PASS
Band38	15MHz	QPSK	38175	1RB#74	20.47	19.47	33.00	PASS
Band38	15MHz	QPSK	38175	38RB#0	20.41	19.41	33.00	PASS
Band38	15MHz	QPSK	38175	38RB#18	20.34	19.34	33.00	PASS
Band38	15MHz	QPSK	38175	38RB#37	20.43	19.43	33.00	PASS
Band38	15MHz	QPSK	38175	75RB#0	20.39	19.39	33.00	PASS
Band38	15MHz	16QAM	37825	1RB#0	20.28	19.28	33.00	PASS
Band38	15MHz	16QAM	37825	1RB#38	20.31	19.31	33.00	PASS



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Band38	15MHz	16QAM	37825	1RB#74	20.30	19.3	33.00	PASS
Band38	15MHz	16QAM	37825	38RB#0	20.45	19.45	33.00	PASS
Band38	15MHz	16QAM	37825	38RB#18	20.55	19.55	33.00	PASS
Band38	15MHz	16QAM	37825	38RB#37	20.44	19.44	33.00	PASS
Band38	15MHz	16QAM	37825	75RB#0	20.57	19.57	33.00	PASS
Band38	15MHz	16QAM	38000	1RB#0	20.36	19.36	33.00	PASS
Band38	15MHz	16QAM	38000	1RB#38	20.31	19.31	33.00	PASS
Band38	15MHz	16QAM	38000	1RB#74	20.34	19.34	33.00	PASS
Band38	15MHz	16QAM	38000	38RB#0	20.34	19.34	33.00	PASS
Band38	15MHz	16QAM	38000	38RB#18	20.48	19.48	33.00	PASS
Band38	15MHz	16QAM	38000	38RB#37	20.54	19.54	33.00	PASS
Band38	15MHz	16QAM	38000	75RB#0	20.51	19.51	33.00	PASS
Band38	15MHz	16QAM	38175	1RB#0	20.32	19.32	33.00	PASS
Band38	15MHz	16QAM	38175	1RB#38	20.20	19.2	33.00	PASS
Band38	15MHz	16QAM	38175	1RB#74	20.26	19.26	33.00	PASS
Band38	15MHz	16QAM	38175	38RB#0	20.34	19.34	33.00	PASS
Band38	15MHz	16QAM	38175	38RB#18	20.30	19.3	33.00	PASS
Band38	15MHz	16QAM	38175	38RB#37	20.42	19.42	33.00	PASS
Band38	15MHz	16QAM	38175	75RB#0	20.36	19.36	33.00	PASS
Band38	15MHz	64QAM	37825	1RB#0	20.01	19.01	33.00	PASS
Band38	15MHz	64QAM	37825	1RB#38	20.12	19.12	33.00	PASS
Band38	15MHz	64QAM	37825	1RB#74	20.08	19.08	33.00	PASS
Band38	15MHz	64QAM	37825	38RB#0	20.12	19.12	33.00	PASS
Band38	15MHz	64QAM	37825	38RB#18	20.02	19.02	33.00	PASS
Band38	15MHz	64QAM	37825	38RB#37	20.05	19.05	33.00	PASS
Band38	15MHz	64QAM	37825	75RB#0	19.97	18.97	33.00	PASS
Band38	15MHz	64QAM	38000	1RB#0	20.11	19.11	33.00	PASS
Band38	15MHz	64QAM	38000	1RB#38	20.15	19.15	33.00	PASS
Band38	15MHz	64QAM	38000	1RB#74	20.08	19.08	33.00	PASS
Band38	15MHz	64QAM	38000	38RB#0	20.15	19.15	33.00	PASS
Band38	15MHz	64QAM	38000	38RB#18	19.96	18.96	33.00	PASS
Band38	15MHz	64QAM	38000	38RB#37	20.16	19.16	33.00	PASS
Band38	15MHz	64QAM	38000	75RB#0	19.97	18.97	33.00	PASS
Band38	15MHz	64QAM	38175	1RB#0	20.06	19.06	33.00	PASS
Band38	15MHz	64QAM	38175	1RB#38	20.08	19.08	33.00	PASS
Band38	15MHz	64QAM	38175	1RB#74	20.15	19.15	33.00	PASS
Band38	15MHz	64QAM	38175	38RB#0	20.11	19.11	33.00	PASS
Band38	15MHz	64QAM	38175	38RB#18	19.99	18.99	33.00	PASS



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Band38	15MHz	64QAM	38175	38RB#37	19.97	18.97	33.00	PASS
Band38	15MHz	64QAM	38175	75RB#0	20.09	19.09	33.00	PASS
Band38	20MHz	QPSK	37850	1RB#0	20.68	19.68	33.00	PASS
Band38	20MHz	QPSK	37850	1RB#49	20.60	19.6	33.00	PASS
Band38	20MHz	QPSK	37850	1RB#99	20.69	19.69	33.00	PASS
Band38	20MHz	QPSK	37850	50RB#0	20.57	19.57	33.00	PASS
Band38	20MHz	QPSK	37850	50RB#25	20.61	19.61	33.00	PASS
Band38	20MHz	QPSK	37850	50RB#50	20.56	19.56	33.00	PASS
Band38	20MHz	QPSK	37850	100RB#0	20.65	19.65	33.00	PASS
Band38	20MHz	QPSK	38000	1RB#0	20.71	19.71	33.00	PASS
Band38	20MHz	QPSK	38000	1RB#49	20.68	19.68	33.00	PASS
Band38	20MHz	QPSK	38000	1RB#99	20.53	19.53	33.00	PASS
Band38	20MHz	QPSK	38000	50RB#0	20.57	19.57	33.00	PASS
Band38	20MHz	QPSK	38000	50RB#25	20.61	19.61	33.00	PASS
Band38	20MHz	QPSK	38000	50RB#50	20.55	19.55	33.00	PASS
Band38	20MHz	QPSK	38000	100RB#0	20.55	19.55	33.00	PASS
Band38	20MHz	QPSK	38150	1RB#0	20.67	19.67	33.00	PASS
Band38	20MHz	QPSK	38150	1RB#49	20.56	19.56	33.00	PASS
Band38	20MHz	QPSK	38150	1RB#99	20.52	19.52	33.00	PASS
Band38	20MHz	QPSK	38150	50RB#0	20.56	19.56	33.00	PASS
Band38	20MHz	QPSK	38150	50RB#25	20.56	19.56	33.00	PASS
Band38	20MHz	QPSK	38150	50RB#50	20.57	19.57	33.00	PASS
Band38	20MHz	QPSK	38150	100RB#0	20.63	19.63	33.00	PASS
Band38	20MHz	16QAM	37850	1RB#0	20.47	19.47	33.00	PASS
Band38	20MHz	16QAM	37850	1RB#49	20.40	19.4	33.00	PASS
Band38	20MHz	16QAM	37850	1RB#99	20.53	19.53	33.00	PASS
Band38	20MHz	16QAM	37850	50RB#0	20.63	19.63	33.00	PASS
Band38	20MHz	16QAM	37850	50RB#25	20.45	19.45	33.00	PASS
Band38	20MHz	16QAM	37850	50RB#50	20.67	19.67	33.00	PASS
Band38	20MHz	16QAM	37850	100RB#0	20.70	19.7	33.00	PASS
Band38	20MHz	16QAM	38000	1RB#0	20.45	19.45	33.00	PASS
Band38	20MHz	16QAM	38000	1RB#49	20.50	19.5	33.00	PASS
Band38	20MHz	16QAM	38000	1RB#99	20.41	19.41	33.00	PASS
Band38	20MHz	16QAM	38000	50RB#0	20.62	19.62	33.00	PASS
Band38	20MHz	16QAM	38000	50RB#25	20.32	19.32	33.00	PASS
Band38	20MHz	16QAM	38000	50RB#50	20.60	19.6	33.00	PASS
Band38	20MHz	16QAM	38000	100RB#0	20.59	19.59	33.00	PASS
Band38	20MHz	16QAM	38150	1RB#0	20.44	19.44	33.00	PASS



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Band38	20MHz	16QAM	38150	1RB#49	20.43	19.43	33.00	PASS
Band38	20MHz	16QAM	38150	1RB#99	20.43	19.43	33.00	PASS
Band38	20MHz	16QAM	38150	50RB#0	20.62	19.62	33.00	PASS
Band38	20MHz	16QAM	38150	50RB#25	20.60	19.6	33.00	PASS
Band38	20MHz	16QAM	38150	50RB#50	20.65	19.65	33.00	PASS
Band38	20MHz	16QAM	38150	100RB#0	20.55	19.55	33.00	PASS
Band38	20MHz	64QAM	37850	1RB#0	20.02	19.02	33.00	PASS
Band38	20MHz	64QAM	37850	1RB#49	20.07	19.07	33.00	PASS
Band38	20MHz	64QAM	37850	1RB#99	20.02	19.02	33.00	PASS
Band38	20MHz	64QAM	37850	50RB#0	20.00	19	33.00	PASS
Band38	20MHz	64QAM	37850	50RB#25	20.09	19.09	33.00	PASS
Band38	20MHz	64QAM	37850	50RB#50	20.17	19.17	33.00	PASS
Band38	20MHz	64QAM	37850	100RB#0	20.11	19.11	33.00	PASS
Band38	20MHz	64QAM	38000	1RB#0	19.96	18.96	33.00	PASS
Band38	20MHz	64QAM	38000	1RB#49	20.04	19.04	33.00	PASS
Band38	20MHz	64QAM	38000	1RB#99	19.98	18.98	33.00	PASS
Band38	20MHz	64QAM	38000	50RB#0	19.97	18.97	33.00	PASS
Band38	20MHz	64QAM	38000	50RB#25	20.01	19.01	33.00	PASS
Band38	20MHz	64QAM	38000	50RB#50	19.96	18.96	33.00	PASS
Band38	20MHz	64QAM	38000	100RB#0	20.09	19.09	33.00	PASS
Band38	20MHz	64QAM	38150	1RB#0	20.00	19	33.00	PASS
Band38	20MHz	64QAM	38150	1RB#49	20.15	19.15	33.00	PASS
Band38	20MHz	64QAM	38150	1RB#99	20.13	19.13	33.00	PASS
Band38	20MHz	64QAM	38150	50RB#0	20.07	19.07	33.00	PASS
Band38	20MHz	64QAM	38150	50RB#25	20.00	19	33.00	PASS
Band38	20MHz	64QAM	38150	50RB#50	20.16	19.16	33.00	PASS
Band38	20MHz	64QAM	38150	100RB#0	20.16	19.16	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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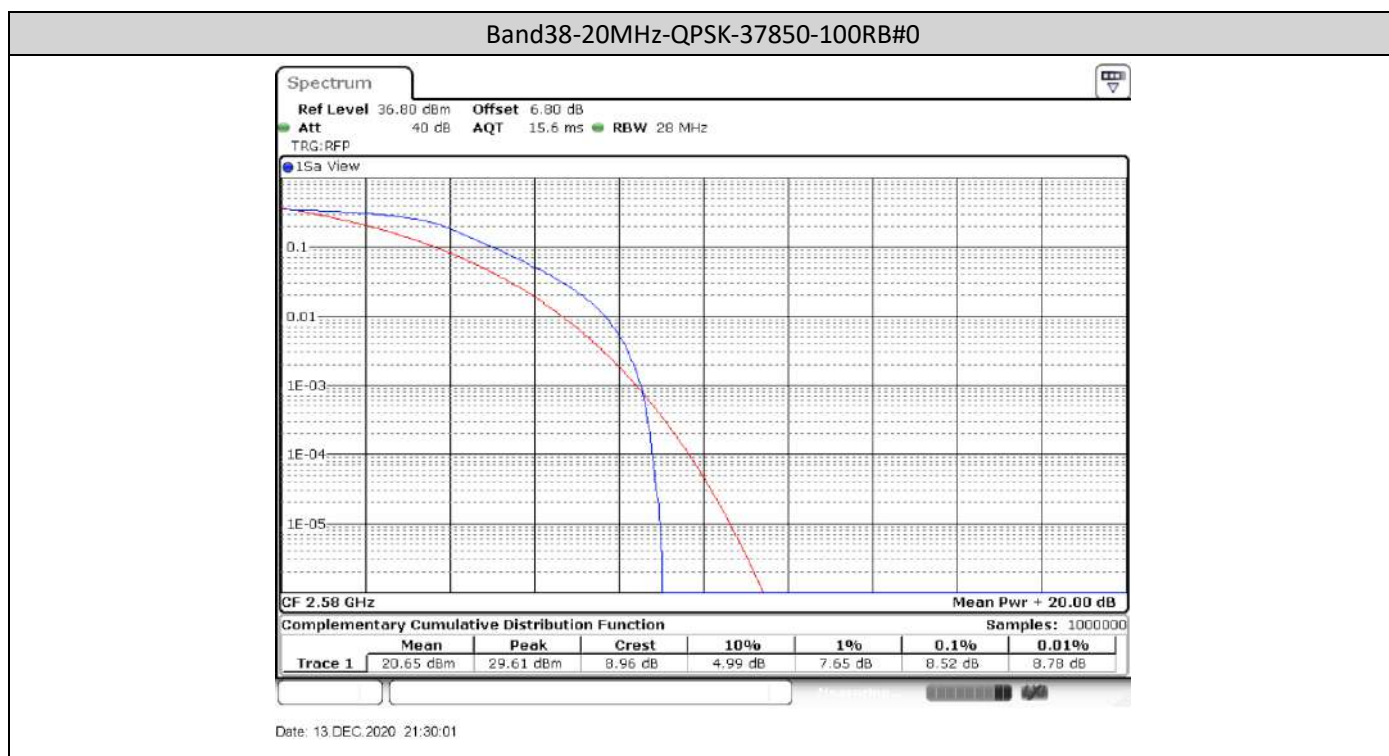


2. Peak-to-Average Ratio (CCDF)

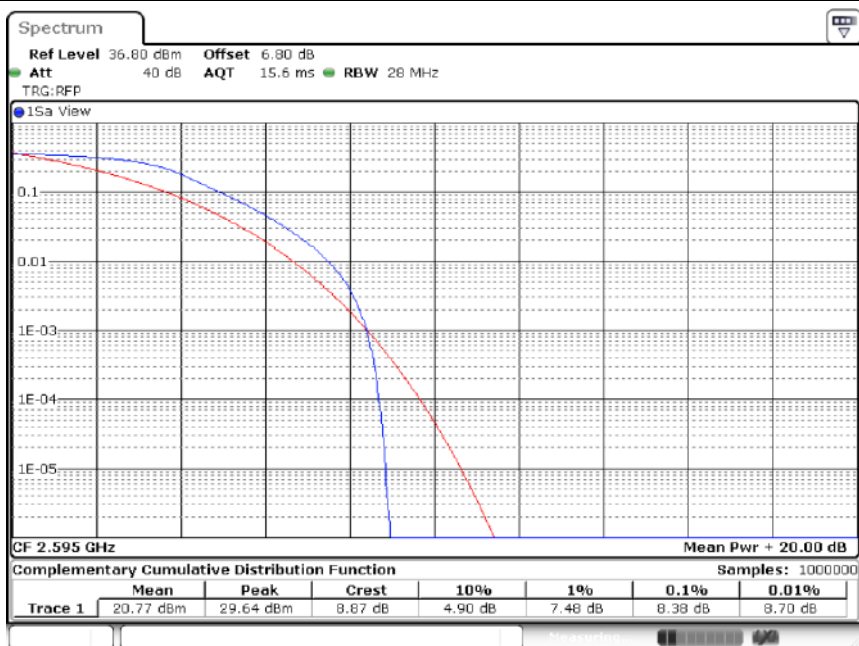
2.1. Test Result

Band	Bandwidth	Modulation	Channel	RB Configuration	Result(dB)	Limit(dB)	Verdict
Band38	20MHz	QPSK	37850	100RB#0	8.52	13	PASS
Band38	20MHz	QPSK	38000	100RB#0	8.38	13	PASS
Band38	20MHz	QPSK	38150	100RB#0	8.41	13	PASS
Band38	20MHz	64QAM	37850	100RB#0	6.43	13	PASS
Band38	20MHz	64QAM	38000	100RB#0	9.25	13	PASS
Band38	20MHz	64QAM	38150	100RB#0	9.28	13	PASS
Band38	20MHz	16QAM	37850	100RB#0	9.42	13	PASS
Band38	20MHz	16QAM	38000	100RB#0	9.28	13	PASS
Band38	20MHz	16QAM	38150	100RB#0	9.28	13	PASS

2.2. Test Plots



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



Date: 13 DEC. 2020 21:30:23

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



Date: 13 DEC. 2020 21:30:46



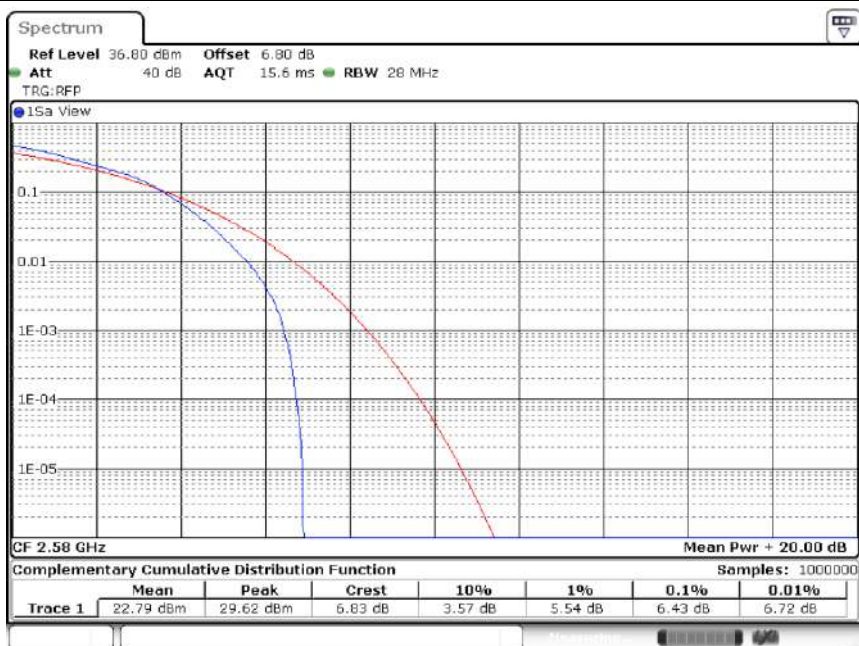
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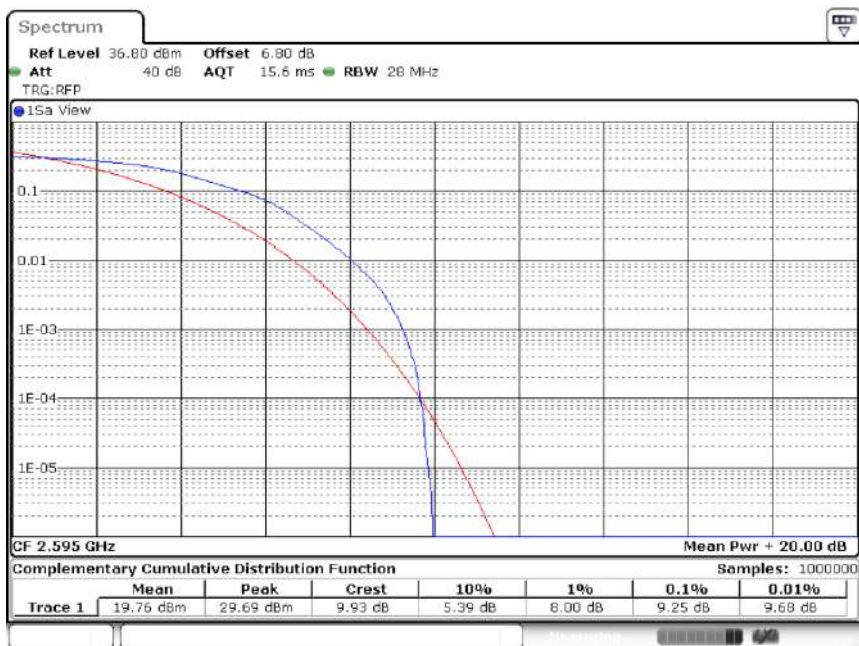
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Band38-20MHz-64QAM-37850-100RB#0



Date: 13 DEC. 2020 21:49:47

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



Date: 13 DEC. 2020 21:49:58



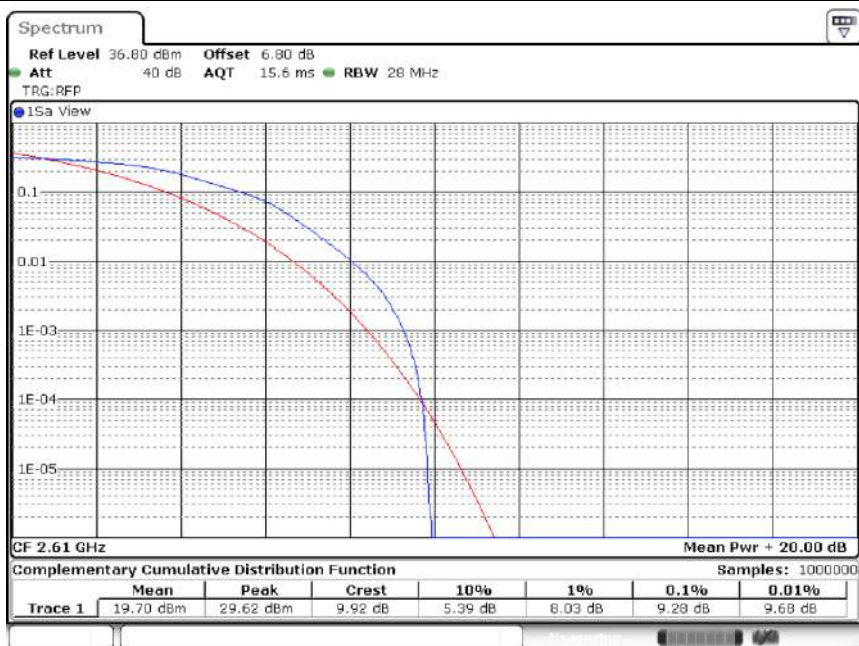
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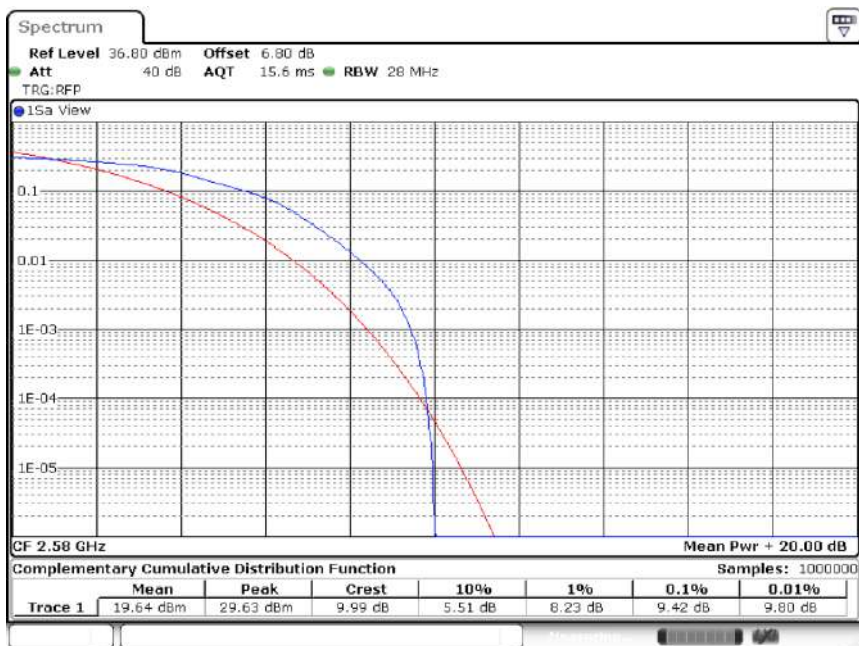
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Band38-20MHz-64QAM-38150-100RB#0



Date: 13 DEC 2020 21:50:10

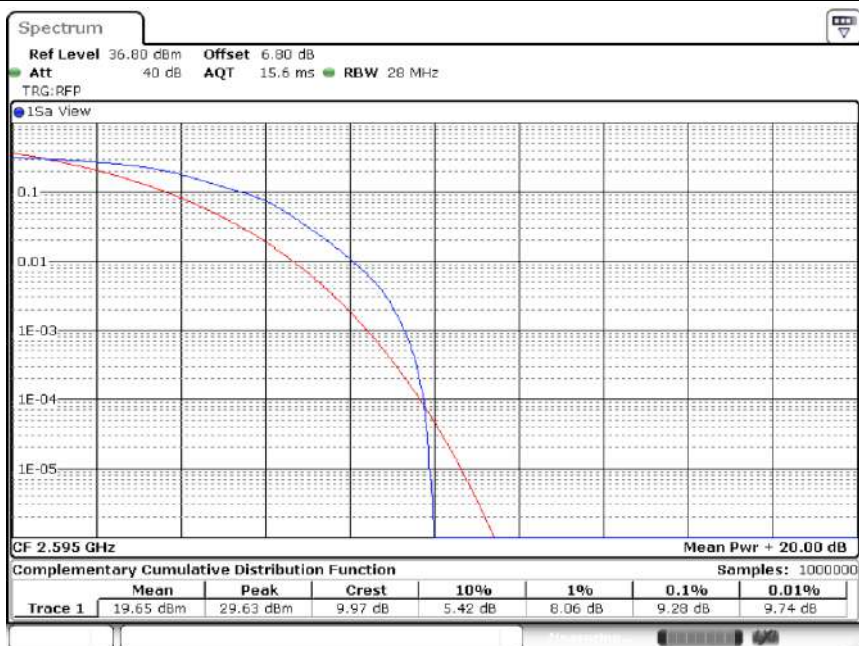
Band38-20MHz-16QAM-37850-100RB#0



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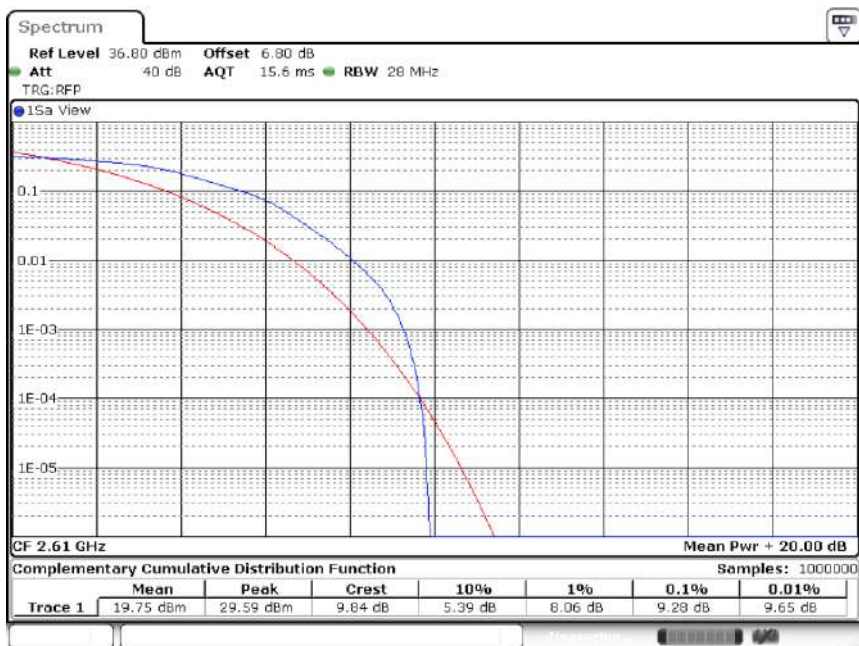


Band38-20MHz-16QAM-38000-100RB#0



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



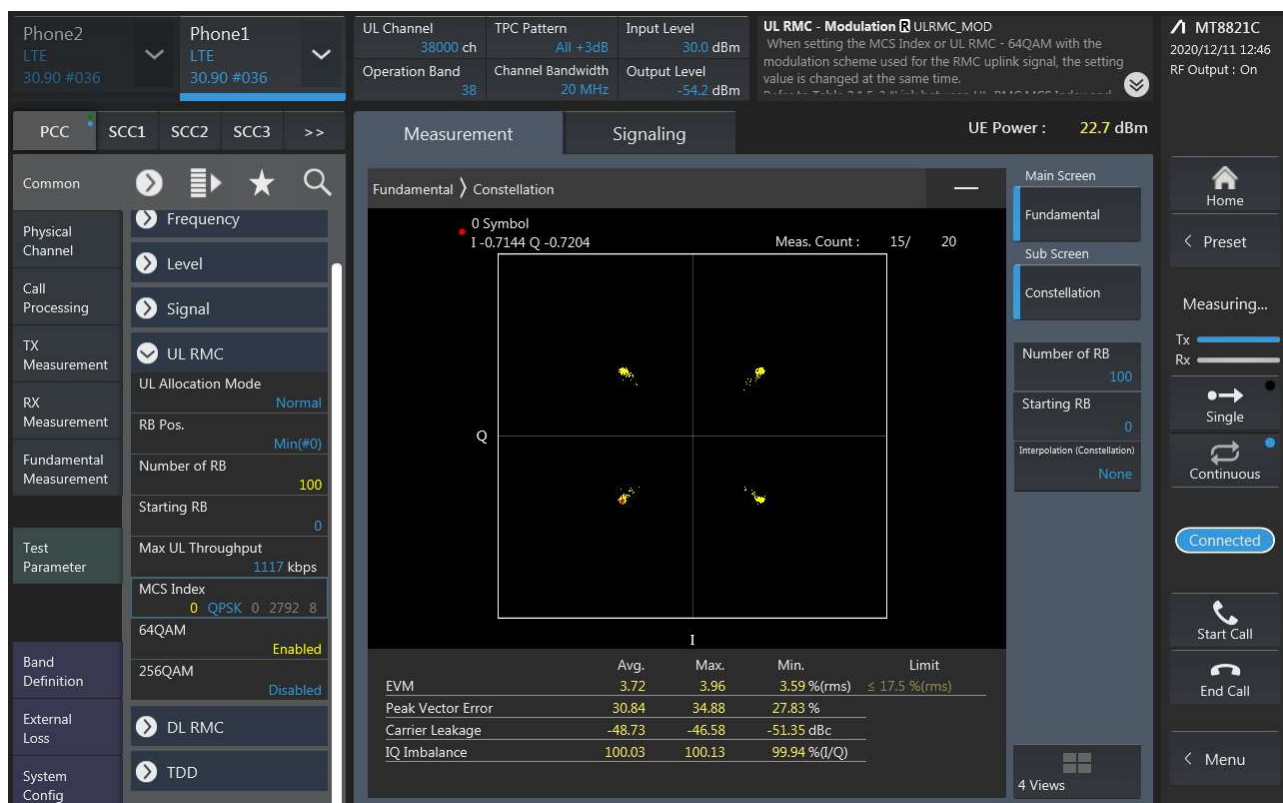
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3. Modulation Characteristics

3.1. Test Mode = LTE /TM1 20MHz

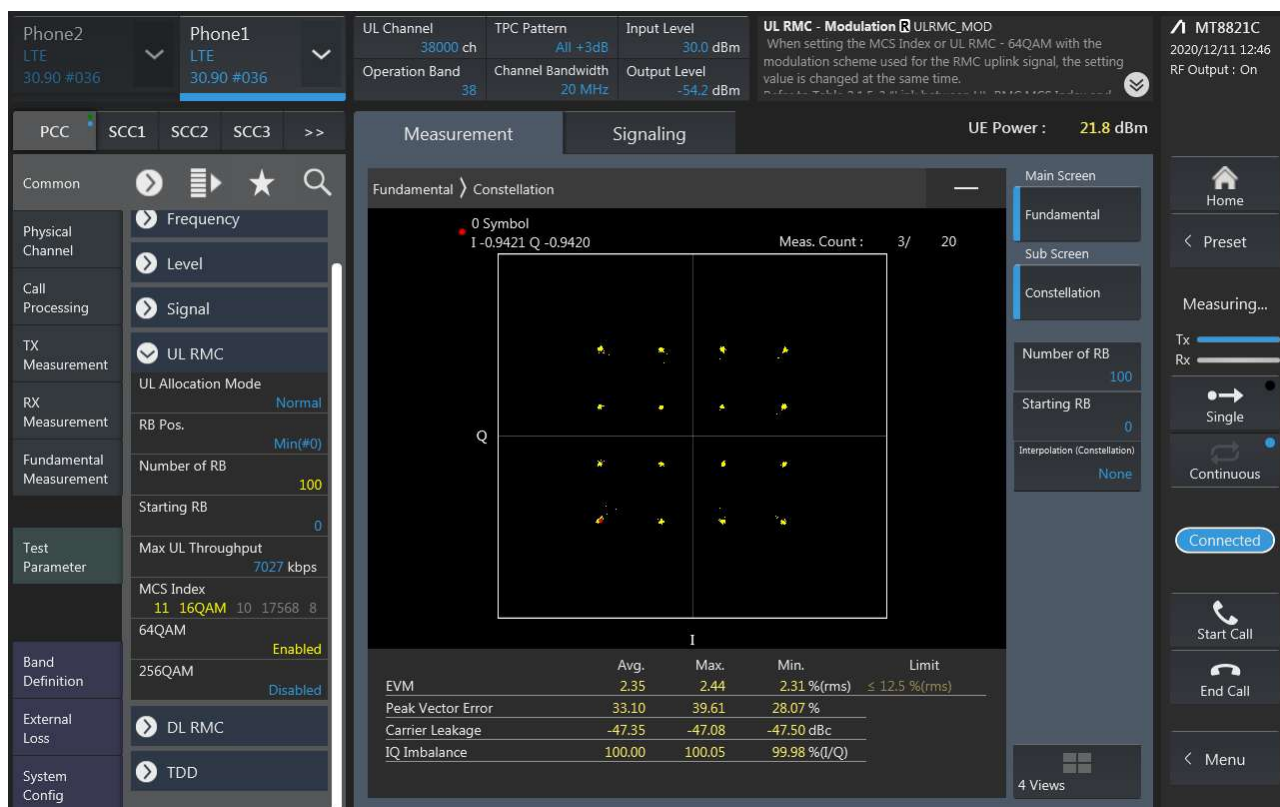
3.1.1. Test Channel = MCH





3.2. Test Mode = LTE /TM2 20MHz

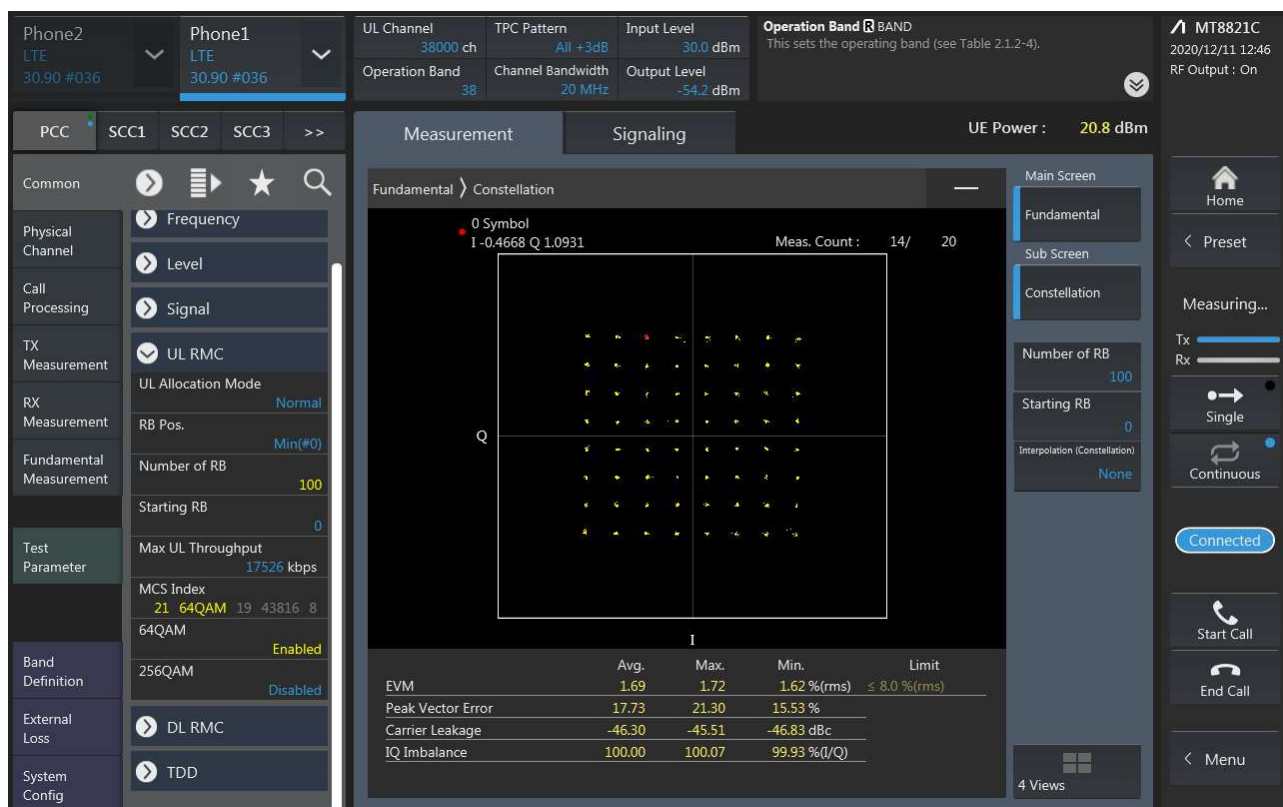
3.2.1. Test Channel = MCH





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	4.880	PASS
Band38	5MHz	QPSK	38225	25RB#0	4.466	4.880	PASS
Band38	5MHz	64QAM	37775	25RB#0	4.466	4.860	PASS
Band38	5MHz	64QAM	38000	25RB#0	4.466	4.860	PASS
Band38	5MHz	64QAM	38225	25RB#0	4.466	4.860	PASS
Band38	5MHz	16QAM	37775	25RB#0	4.496	4.920	PASS
Band38	5MHz	16QAM	38000	25RB#0	4.496	4.920	PASS
Band38	5MHz	16QAM	38225	25RB#0	4.486	4.900	PASS
Band38	10MHz	QPSK	37800	50RB#0	8.911	9.660	PASS
Band38	10MHz	QPSK	38000	50RB#0	8.911	9.640	PASS
Band38	10MHz	QPSK	38200	50RB#0	8.911	9.640	PASS
Band38	10MHz	64QAM	37800	50RB#0	8.911	9.640	PASS
Band38	10MHz	64QAM	38000	50RB#0	8.911	9.680	PASS
Band38	10MHz	64QAM	38200	50RB#0	8.931	9.600	PASS
Band38	10MHz	16QAM	37800	50RB#0	8.911	9.580	PASS
Band38	10MHz	16QAM	38000	50RB#0	8.911	9.560	PASS
Band38	10MHz	16QAM	38200	50RB#0	8.911	9.620	PASS
Band38	15MHz	QPSK	37825	75RB#0	13.457	14.790	PASS
Band38	15MHz	QPSK	38000	75RB#0	13.487	14.820	PASS
Band38	15MHz	QPSK	38175	75RB#0	13.487	14.820	PASS
Band38	15MHz	64QAM	37825	75RB#0	13.427	14.700	PASS
Band38	15MHz	64QAM	38000	75RB#0	13.427	14.700	PASS
Band38	15MHz	64QAM	38175	75RB#0	13.427	14.700	PASS
Band38	15MHz	16QAM	37825	75RB#0	13.427	14.730	PASS
Band38	15MHz	16QAM	38000	75RB#0	13.427	14.700	PASS
Band38	15MHz	16QAM	38175	75RB#0	13.427	14.730	PASS
Band38	20MHz	QPSK	37850	100RB#0	17.902	19.440	PASS
Band38	20MHz	QPSK	38000	100RB#0	17.862	19.400	PASS
Band38	20MHz	QPSK	38150	100RB#0	17.902	19.440	PASS
Band38	20MHz	64QAM	37850	100RB#0	17.862	19.440	PASS



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

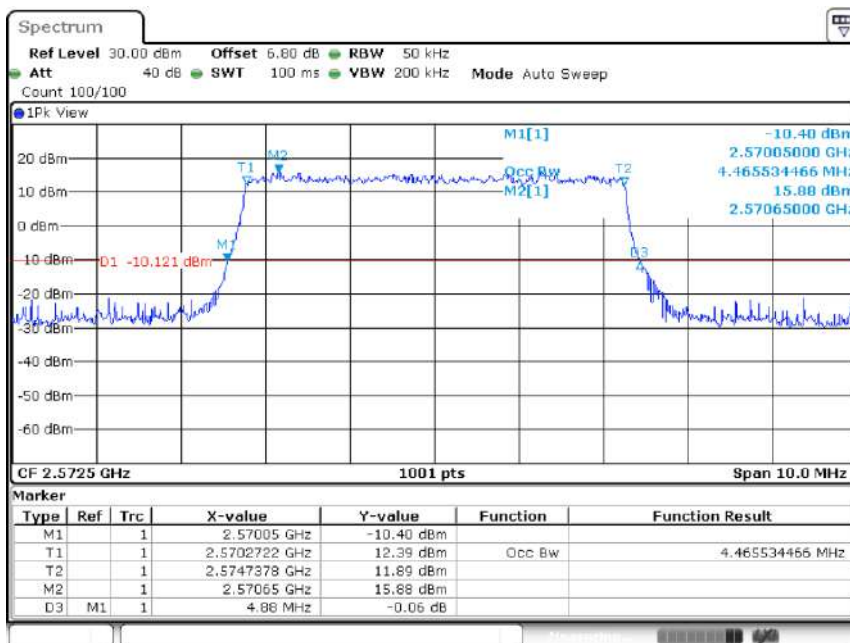


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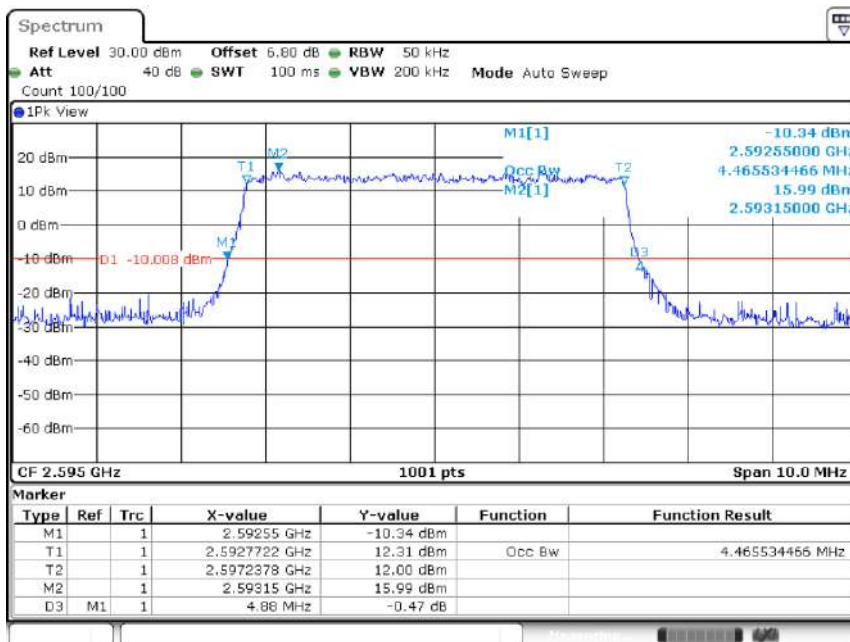
4.2. Test Plots

Band38-5MHz-QPSK-37775-25RB#0-4.466



Date: 13 DEC. 2020 21:07:58

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



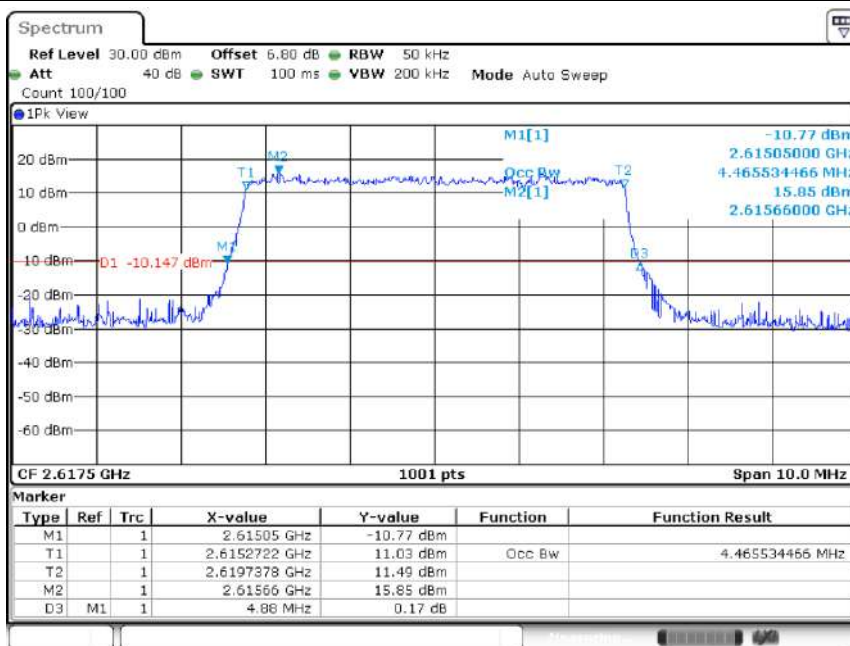
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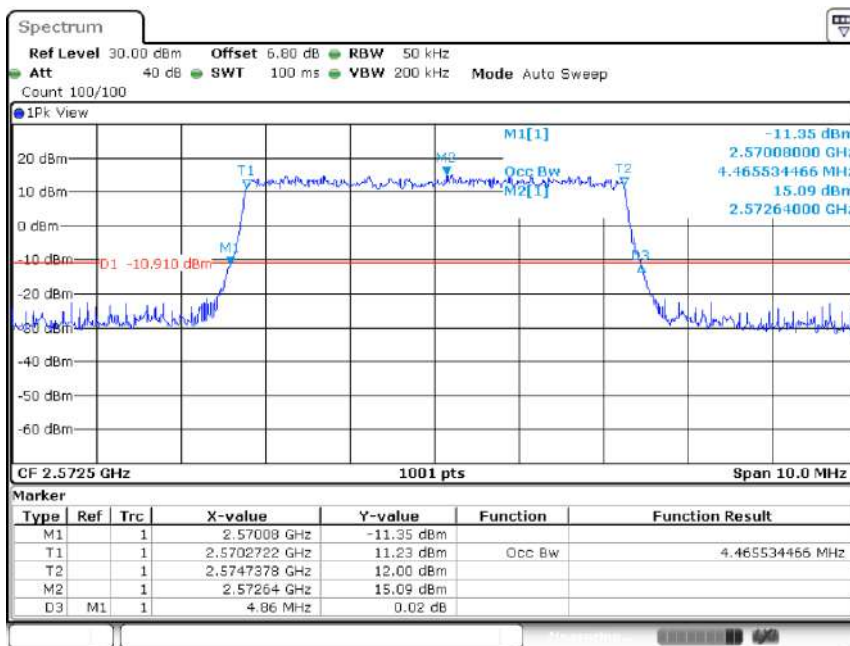
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Band38-5MHz-QPSK-38225-25RB#0-4.466



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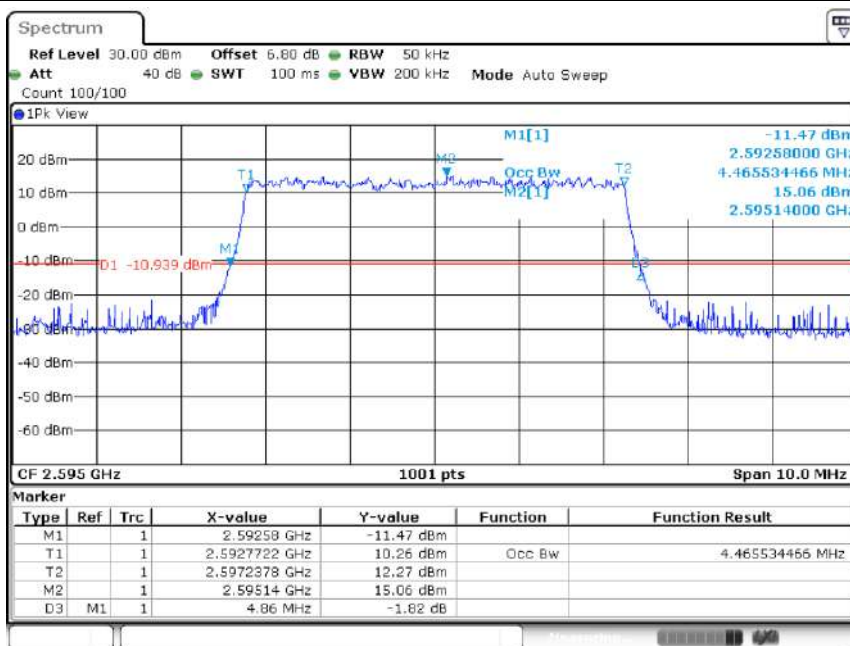
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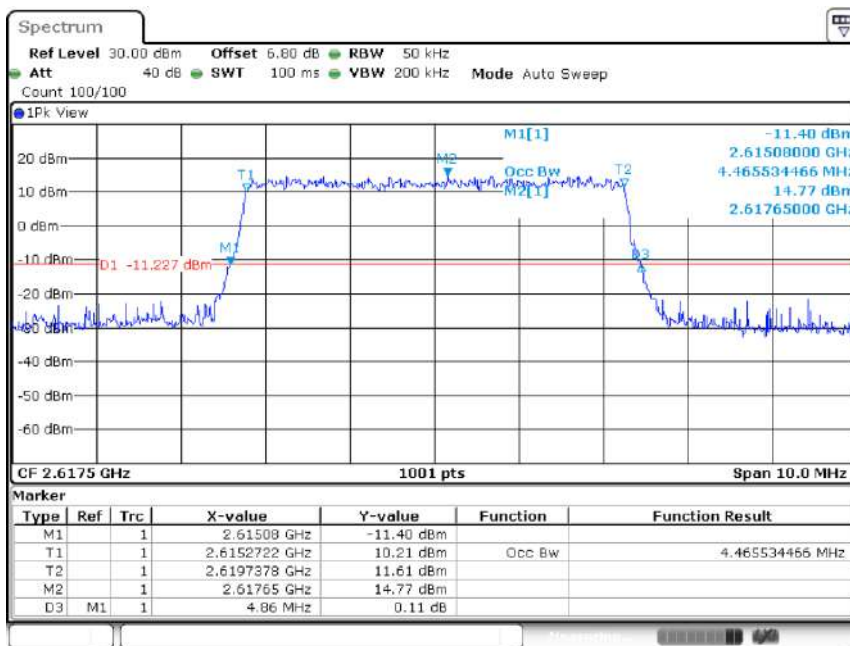


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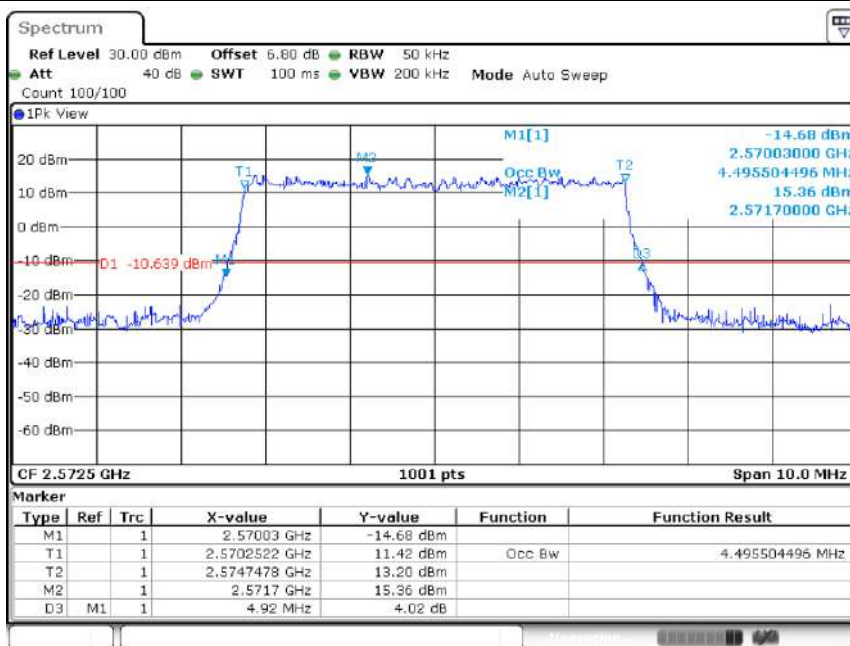
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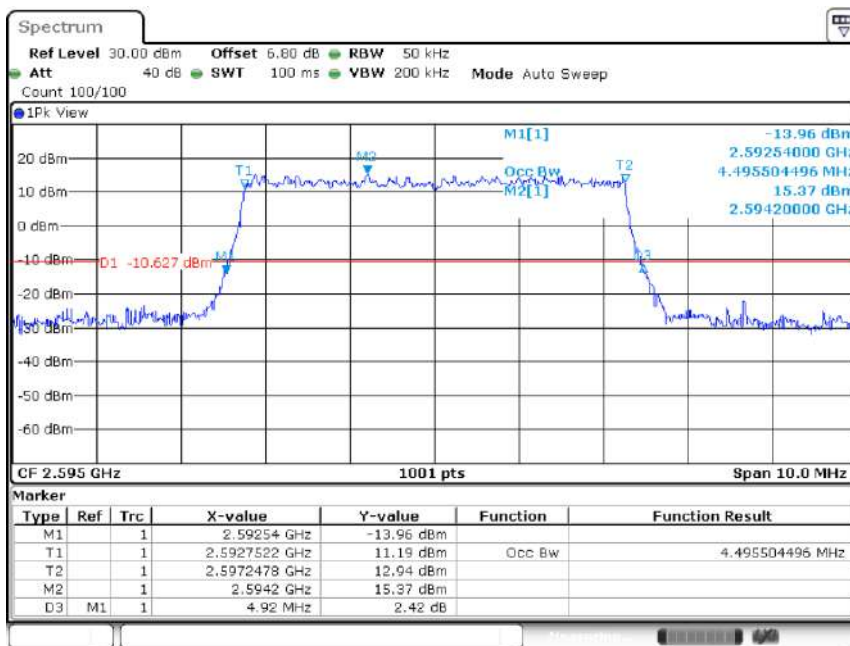


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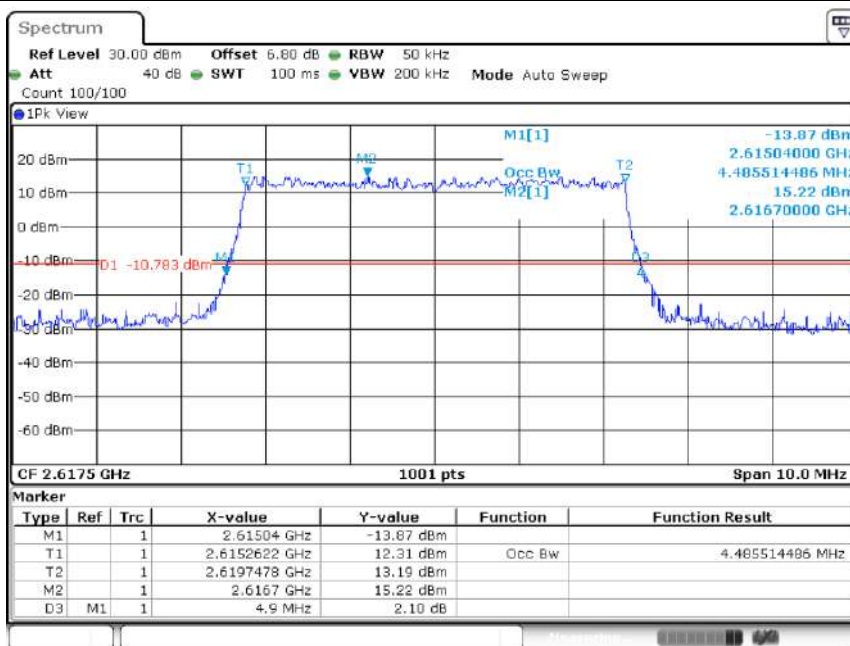
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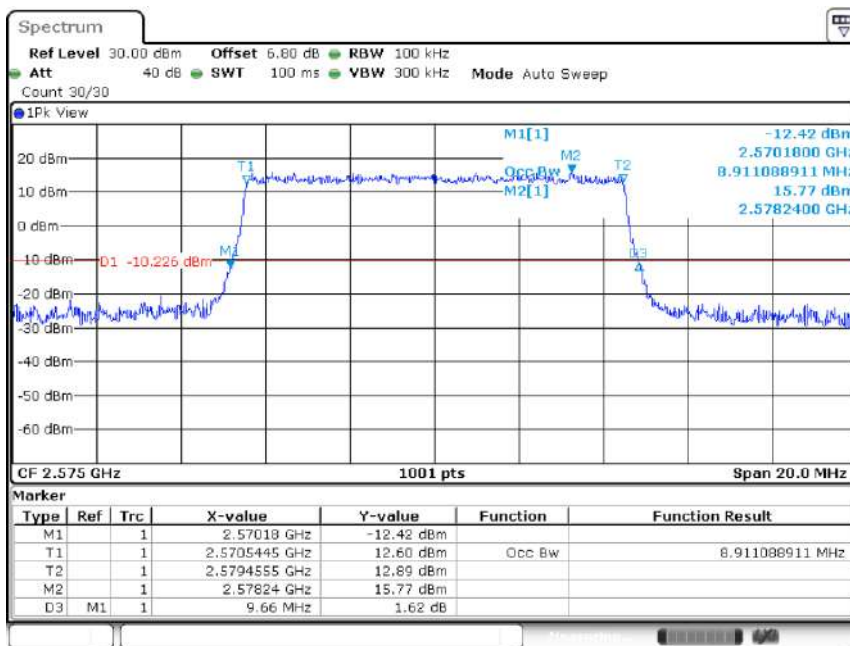


Band38-5MHz-16QAM-38225-25RB#0-4.486



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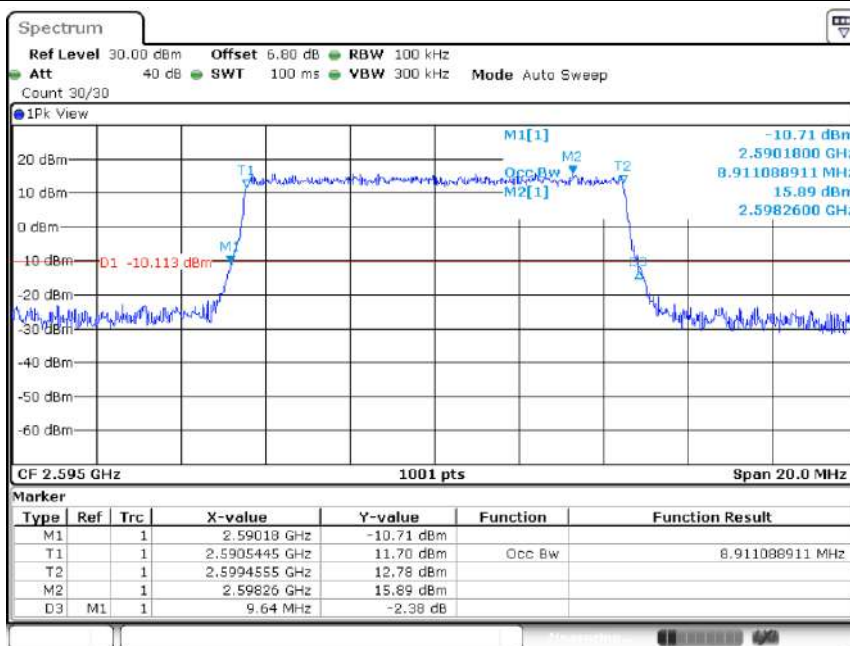
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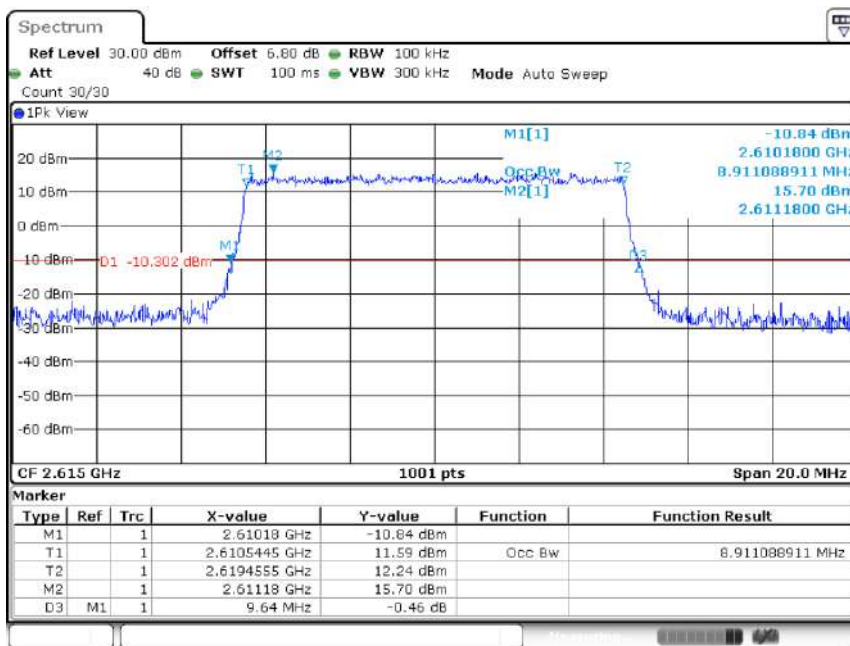


Band38-10MHz-QPSK-38000-50RB#0-8.911



Date: 13 DEC. 2020 21:10:20

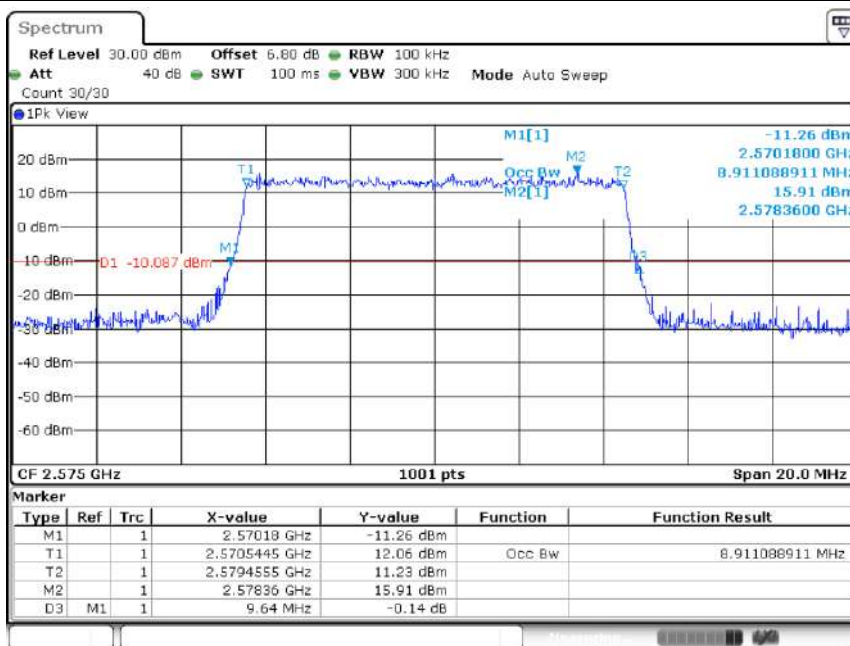
Band38-10MHz-QPSK-38200-50RB#0-8.911



Date: 13 DEC. 2020 21:10:46

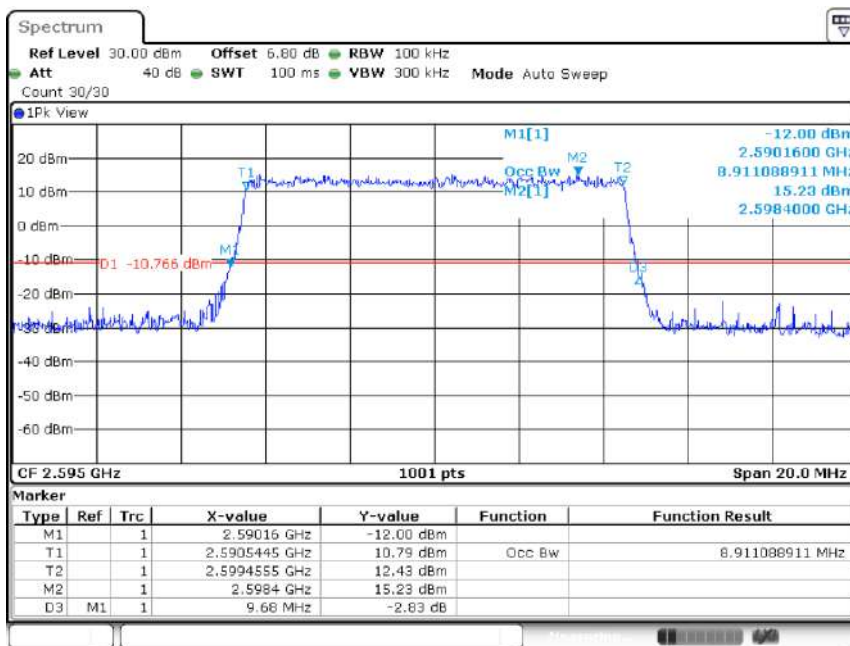


Band38-10MHz-64QAM-37800-50RB#0-8.911



Date: 13 DEC. 2020 21:39:02

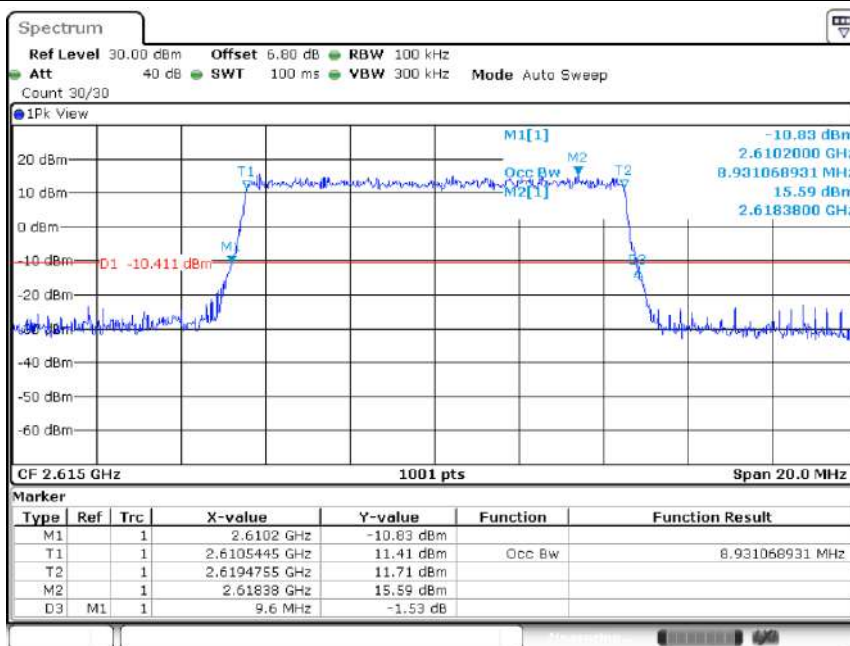
Band38-10MHz-64QAM-38000-50RB#0-8.911



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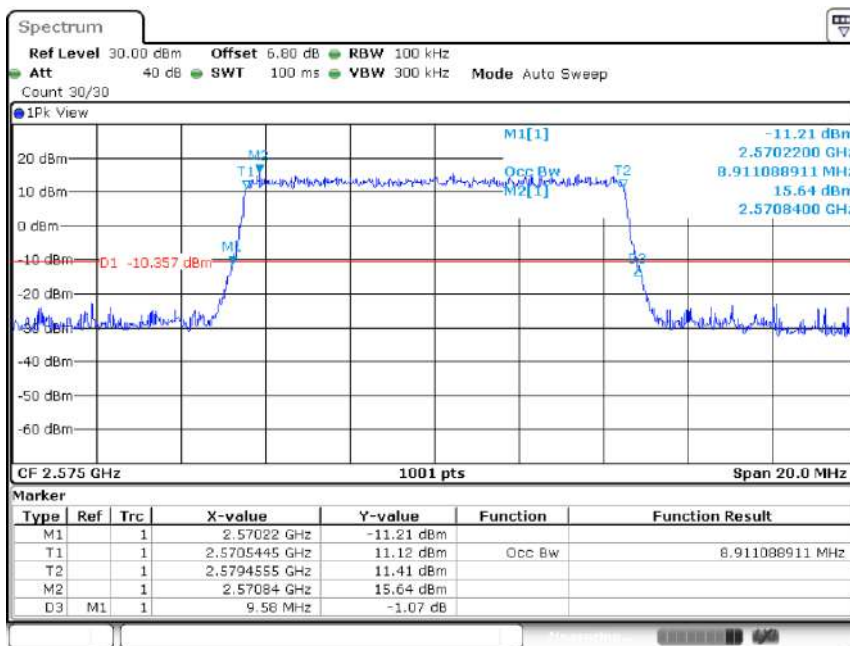


Band38-10MHz-64QAM-38200-50RB#0-8.931



Date: 13 DEC. 2020 21:39:28

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



Date: 13 DEC. 2020 21:10:07



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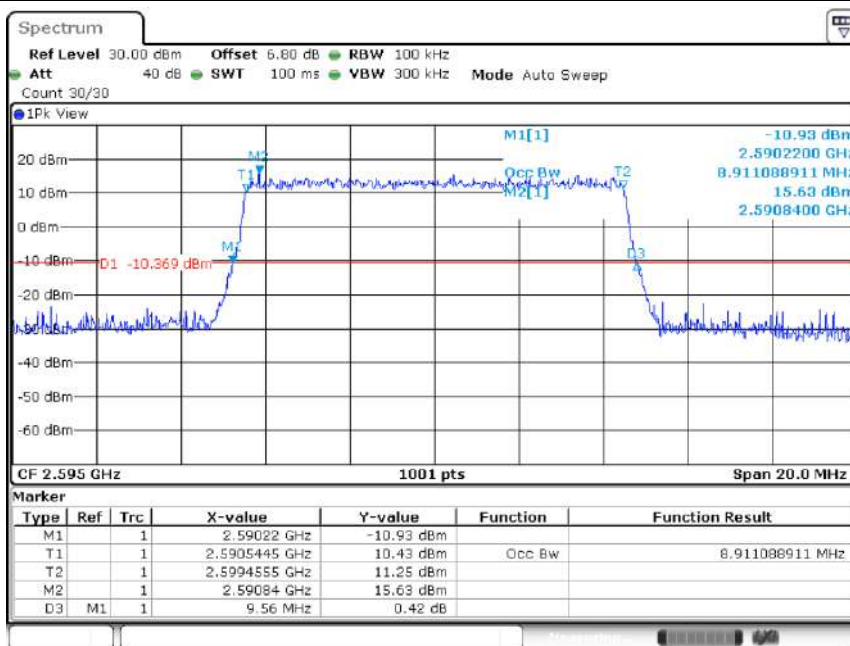
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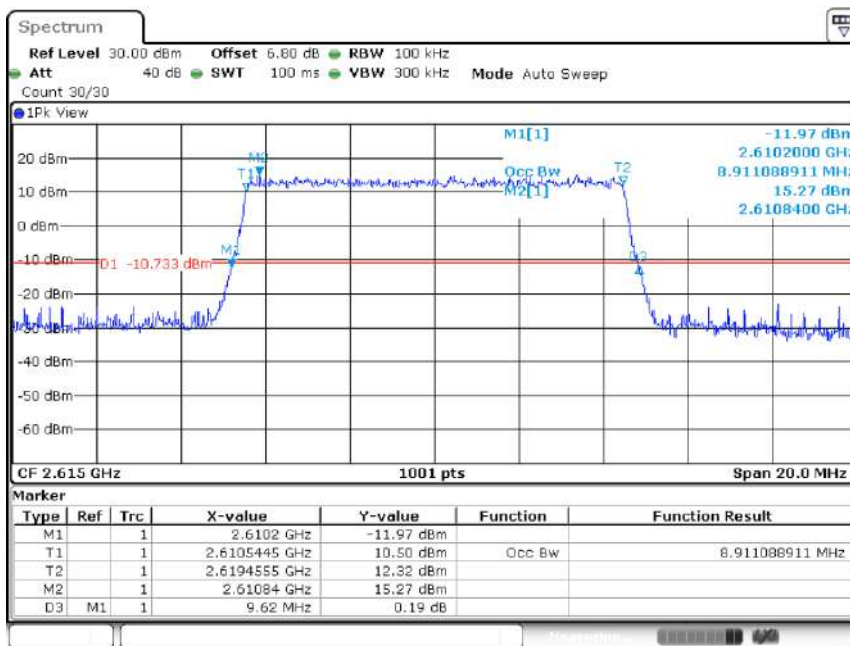
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Band38-10MHz-16QAM-38000-50RB#0-8.911



Date: 13 DEC. 2020 21:10:33

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



Date: 13 DEC. 2020 21:10:58



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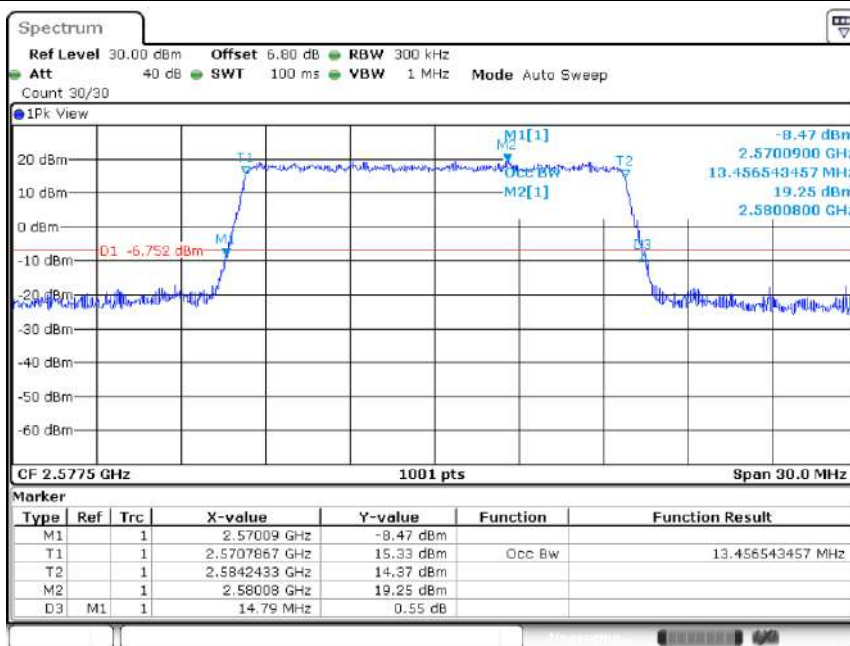
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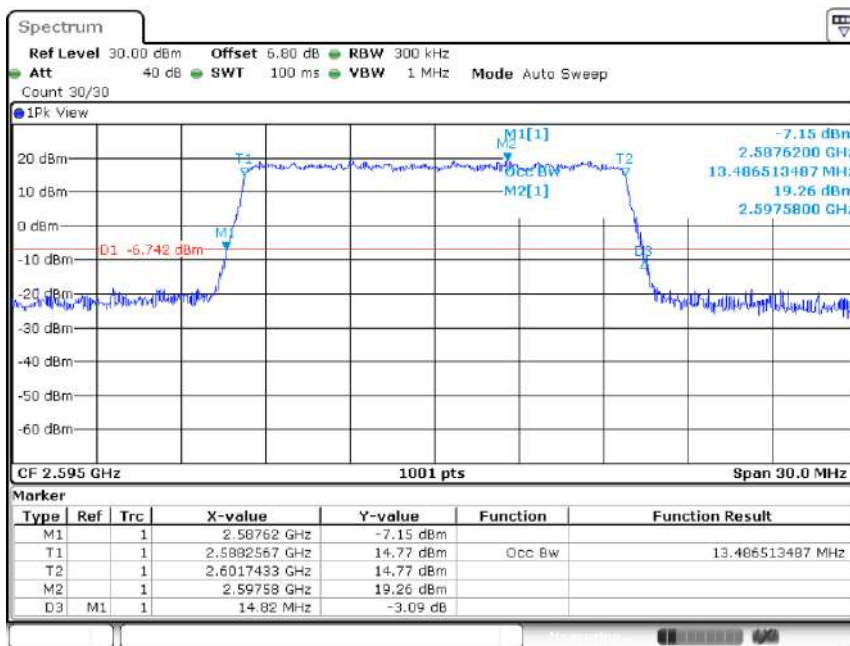
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Band38-15MHz-QPSK-37825-75RB#0-13.457



Date: 13 DEC. 2020 21:11:16

Band38-15MHz-QPSK-38000-75RB#0-13.487



Date: 13 DEC. 2020 21:11:41

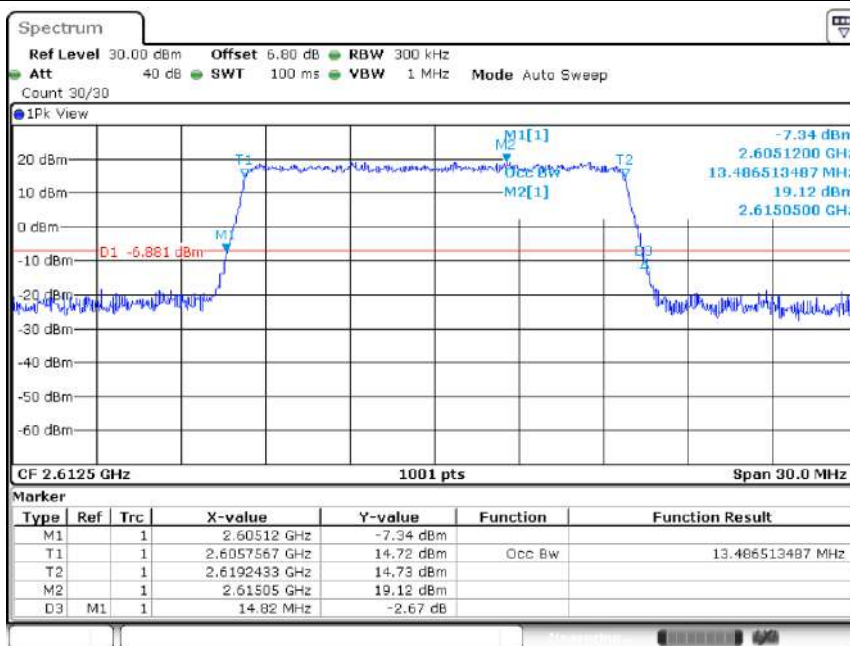


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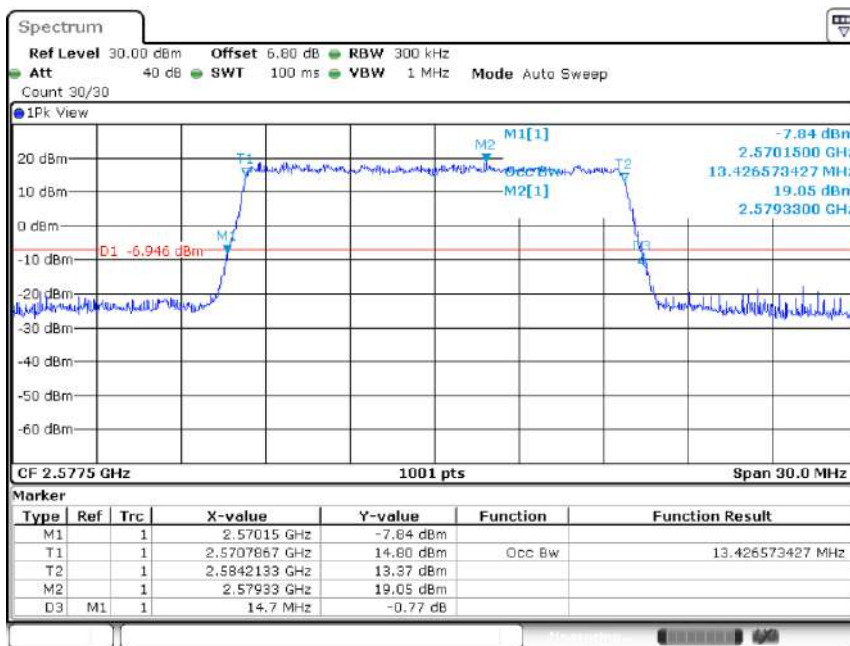
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Band38-15MHz-QPSK-38175-75RB#0-13.487



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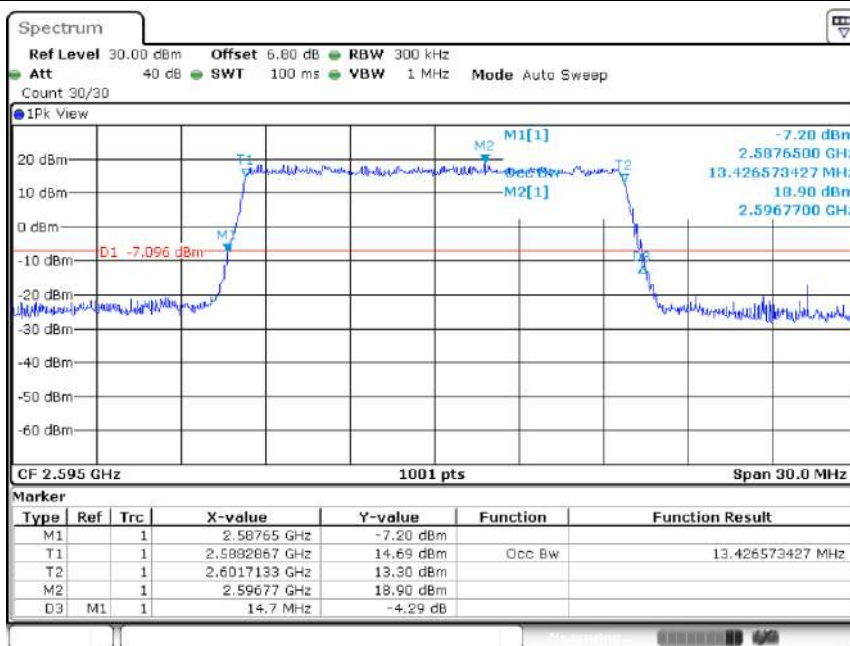
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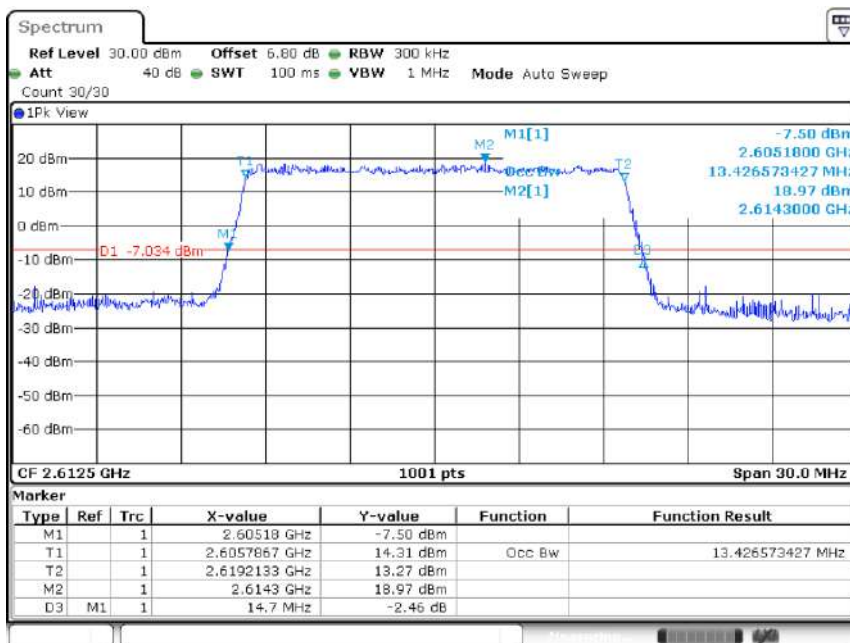


Band38-15MHz-64QAM-38000-75RB#0-13.427



Date: 13 DEC. 2020 21:39:59

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Date: 13 DEC. 2020 21:40:11



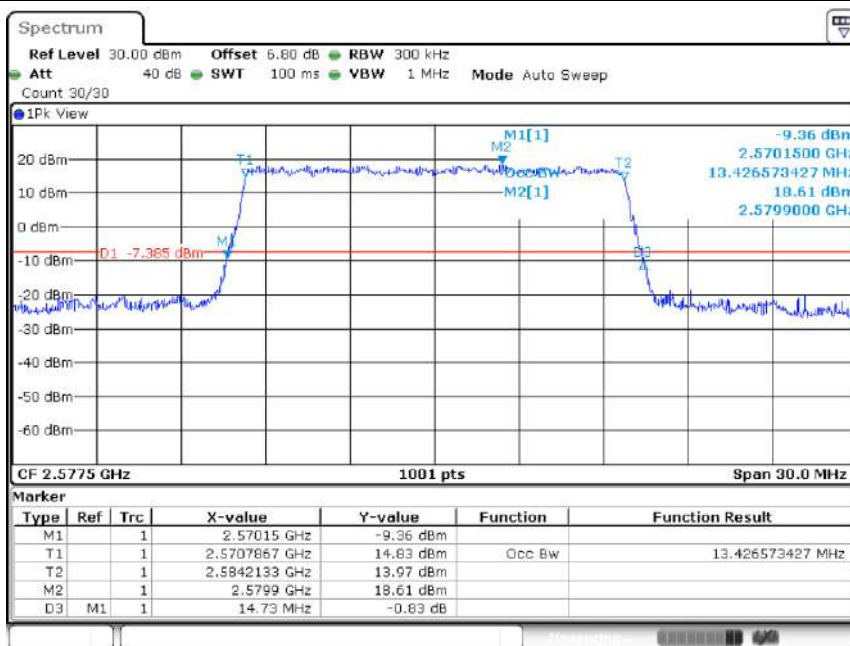
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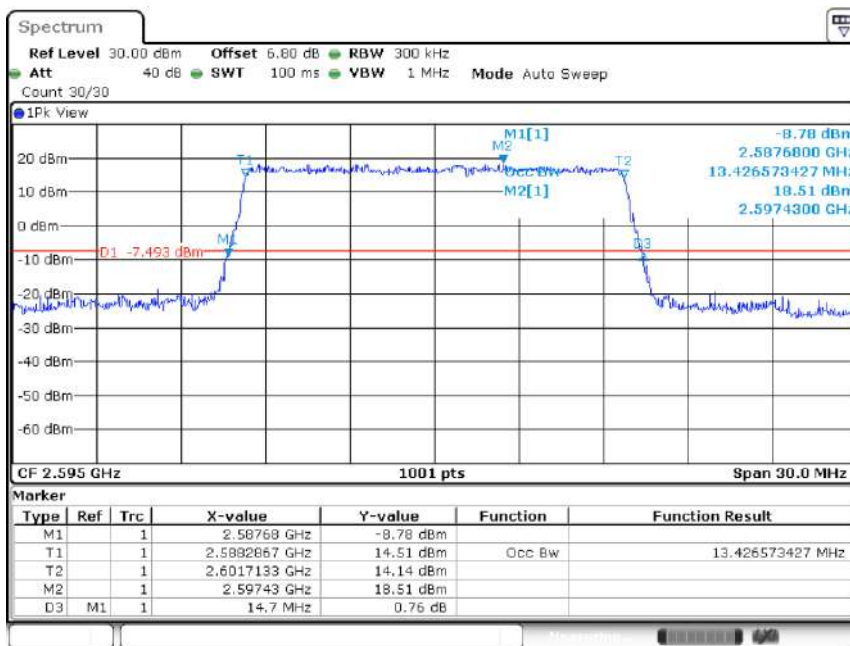
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Band38-15MHz-16QAM-37825-75RB#0-13.427



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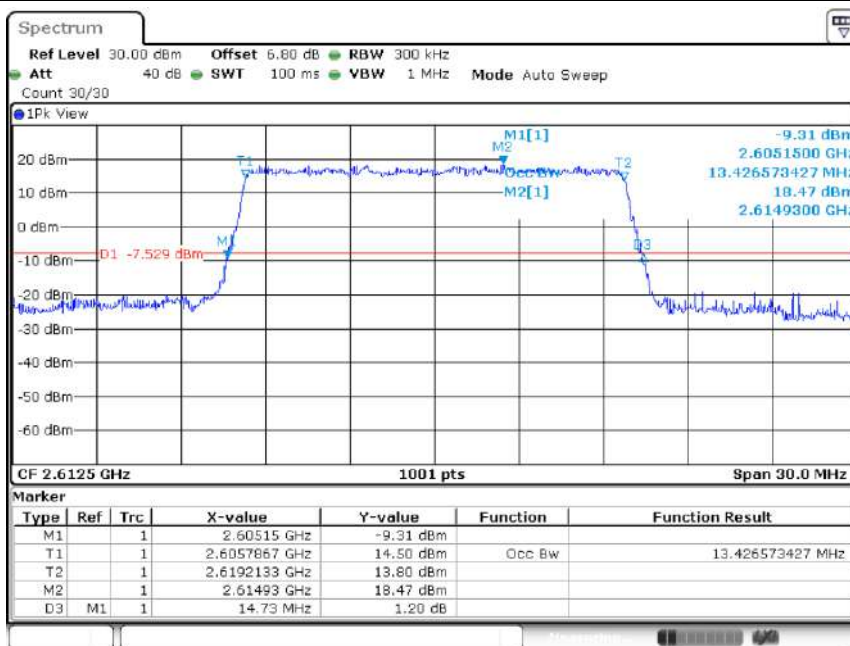
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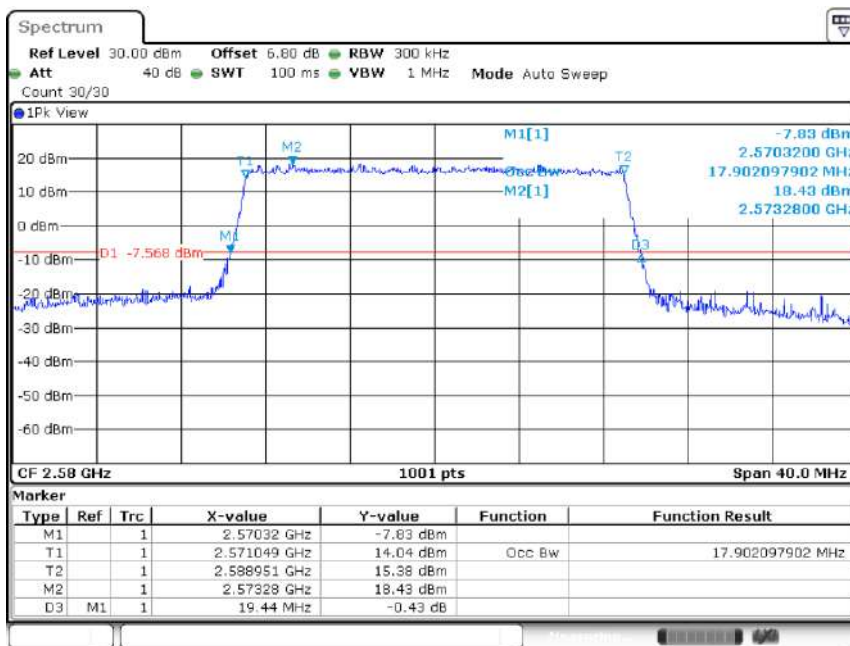


Band38-15MHz-16QAM-38175-75RB#0-13.427



Date: 13 DEC. 2020 21:12:19

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



Date: 13 DEC. 2020 21:12:37



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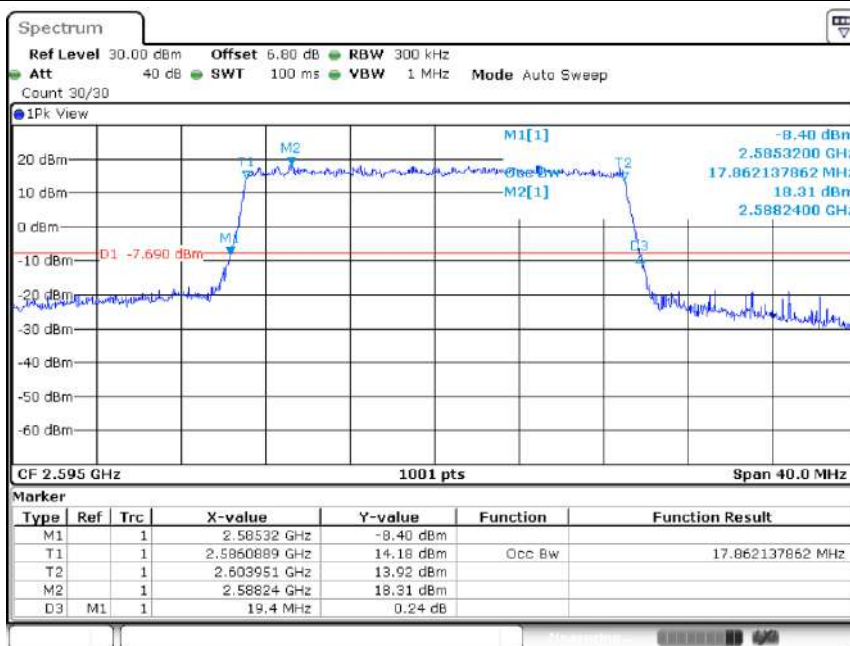
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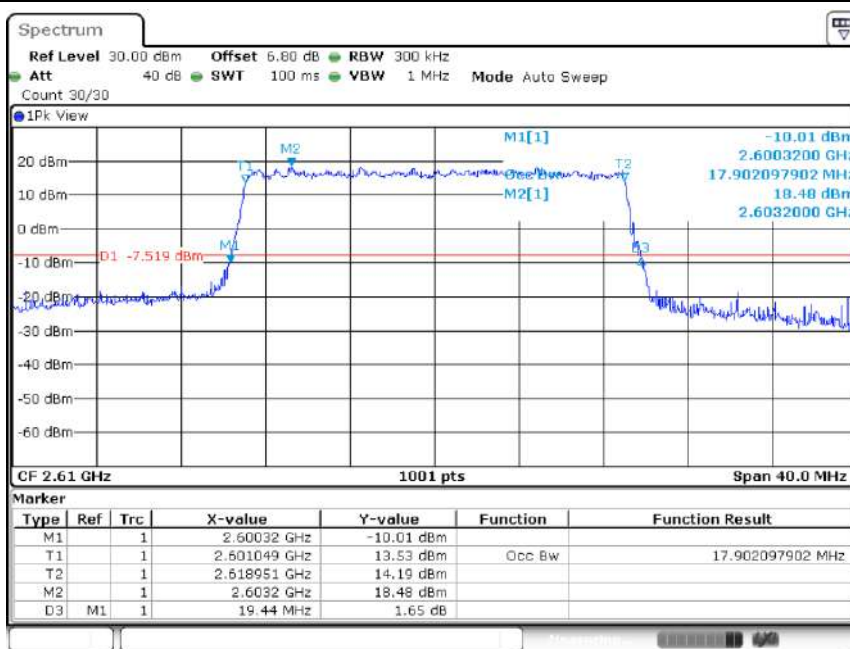
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Band38-20MHz-QPSK-38000-100RB#0-17.862



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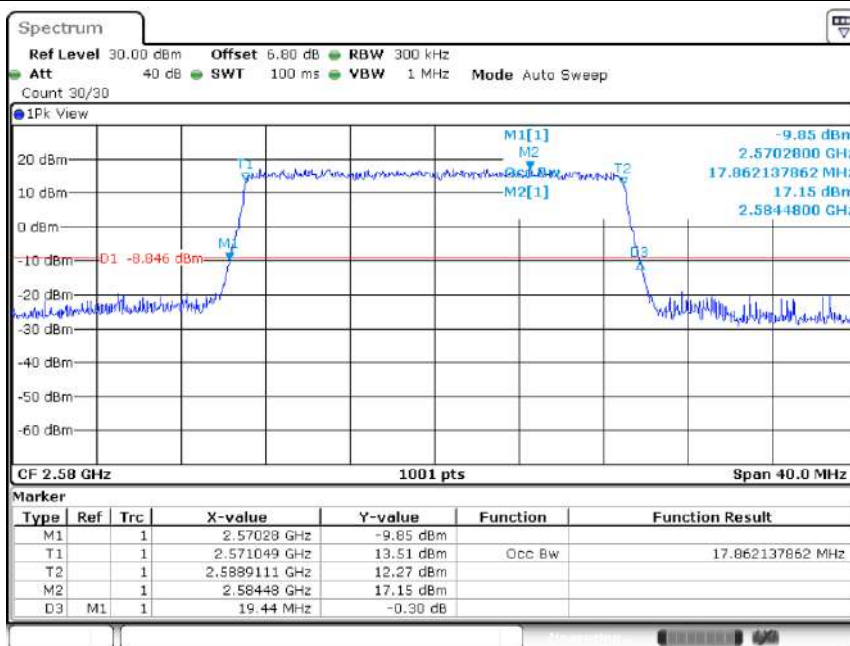
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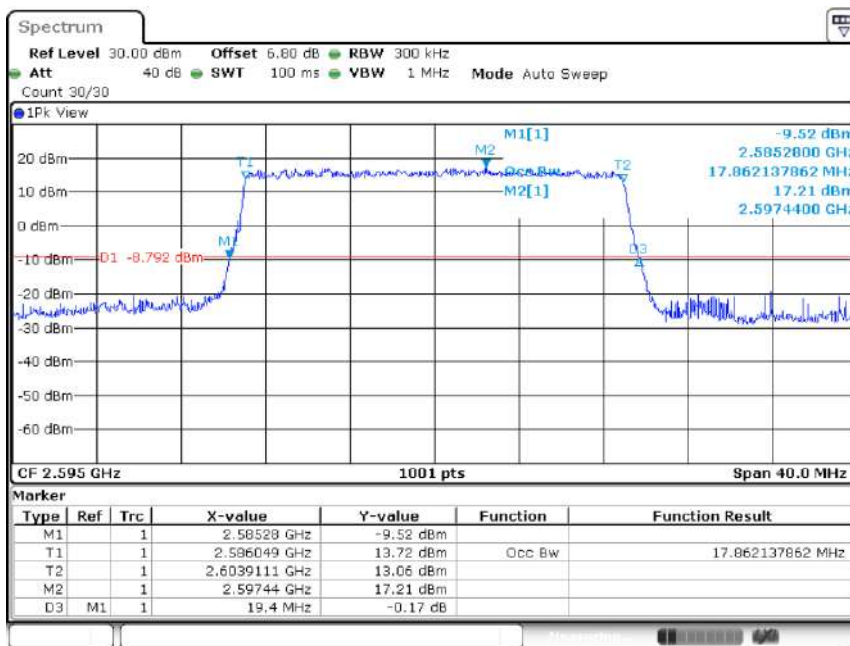


Band38-20MHz-64QAM-37850-100RB#0-17.862



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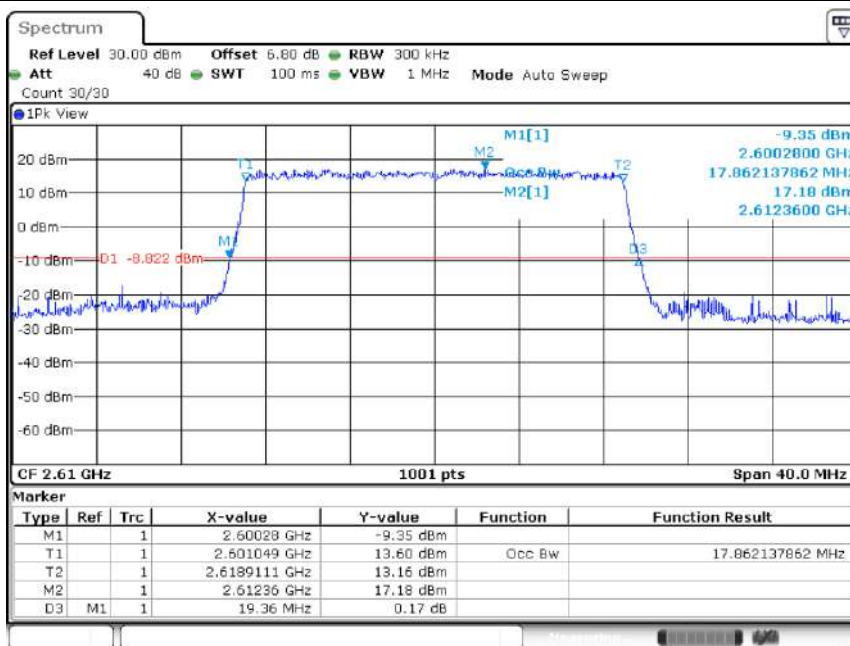
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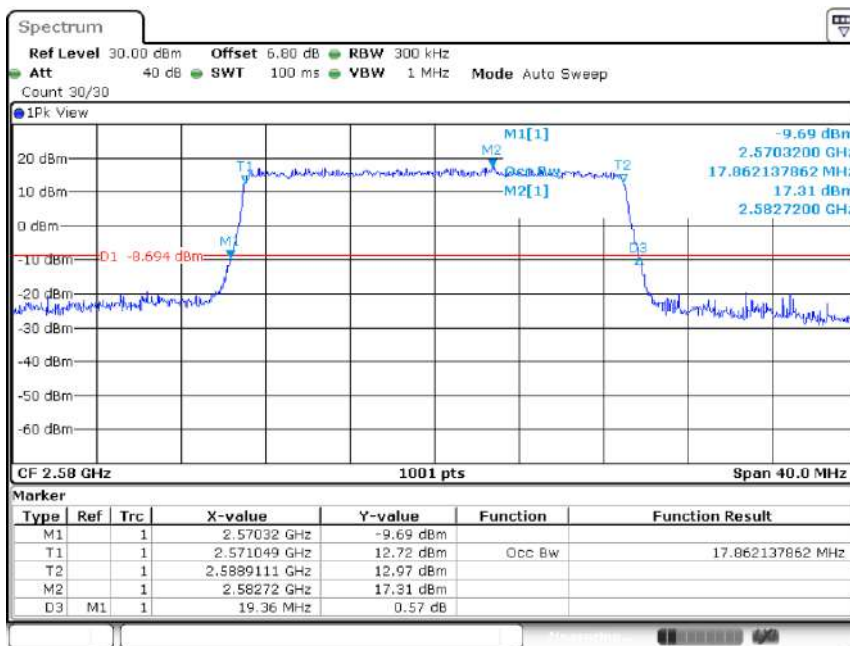


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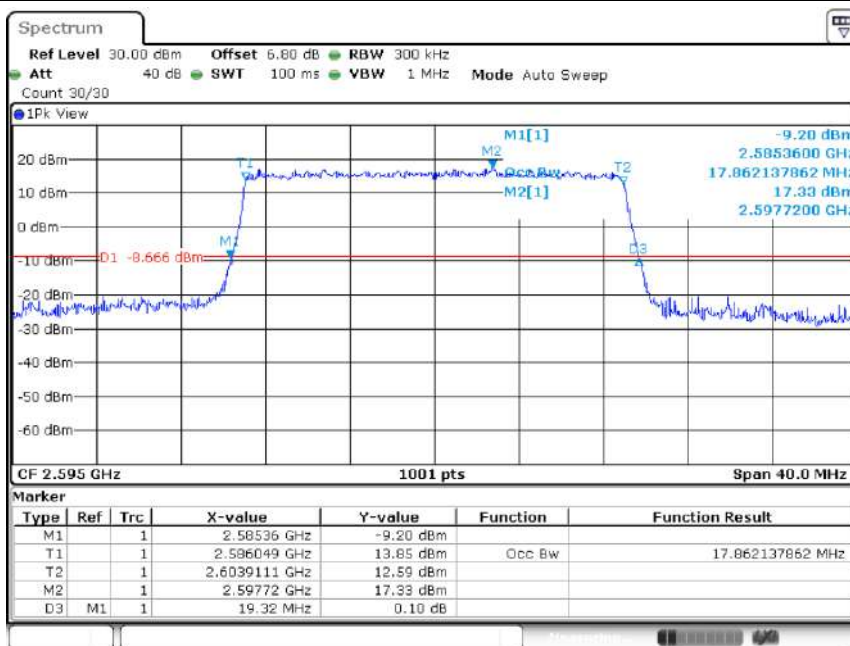
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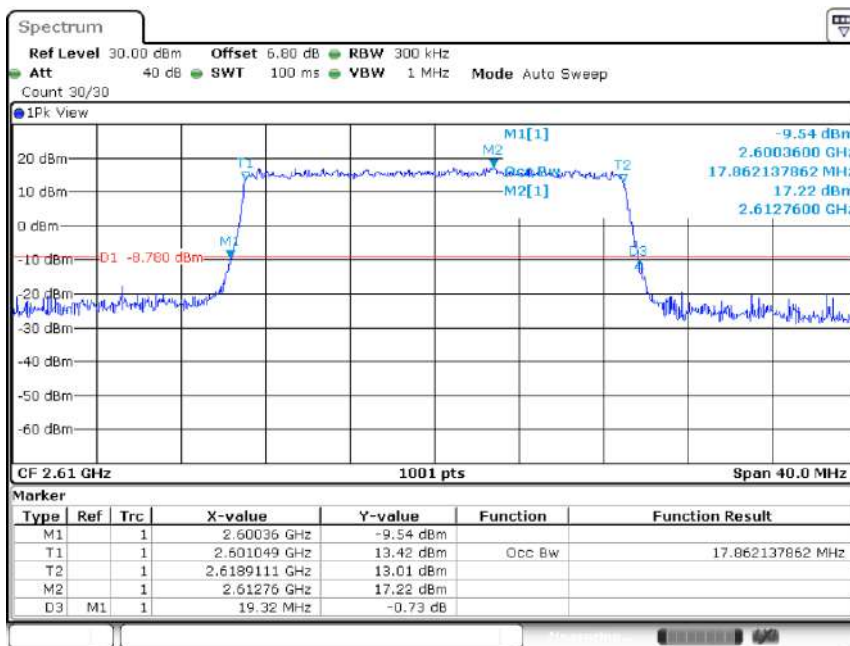
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Band38-20MHz-16QAM-38000-100RB#0-17.862



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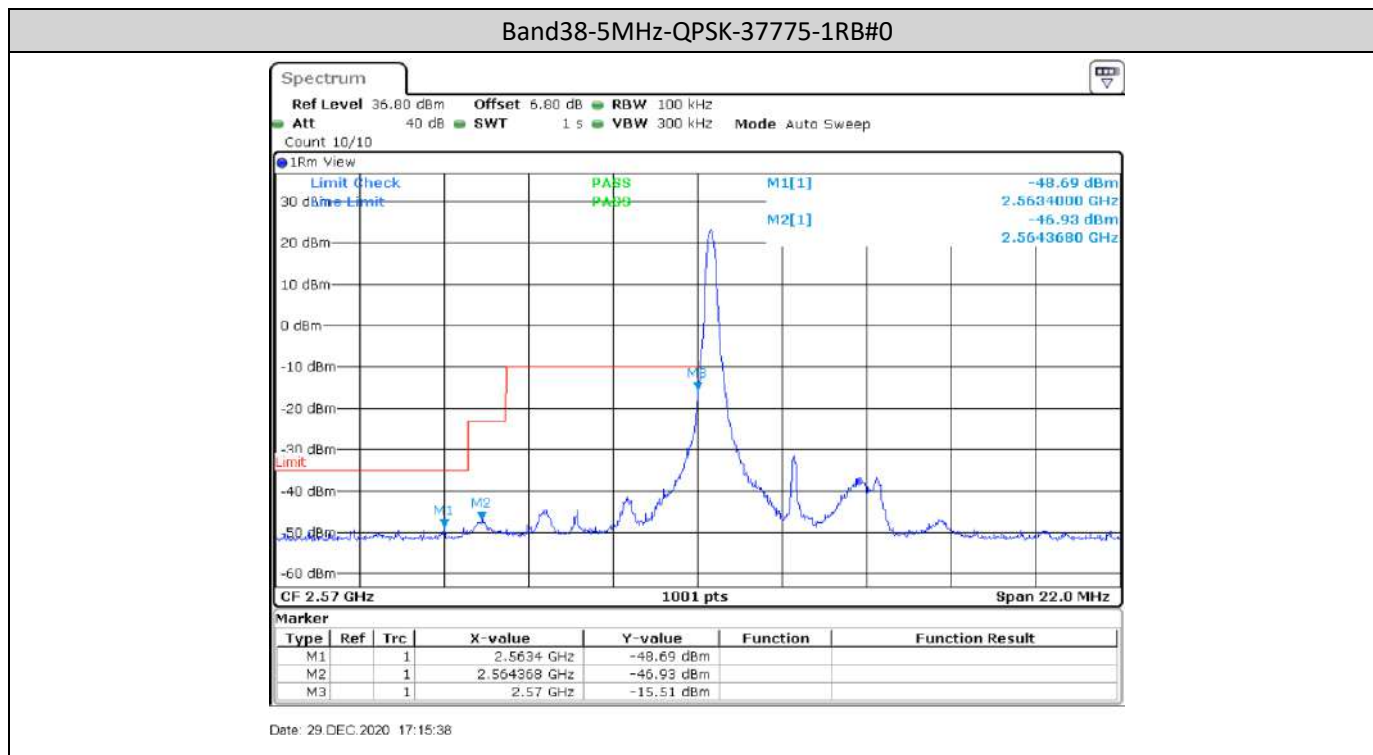
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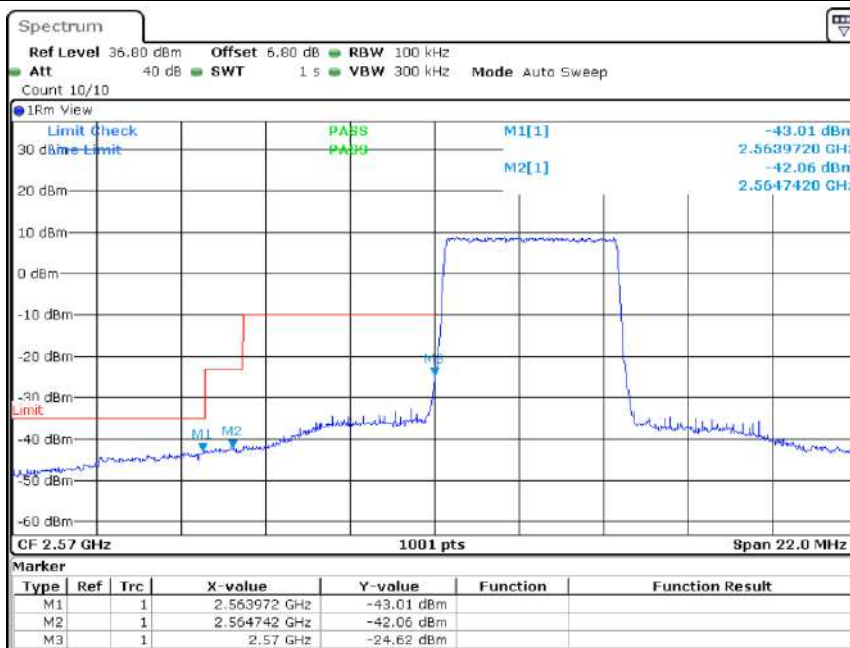
5. Band Edge Compliance

5.1. Test Plots



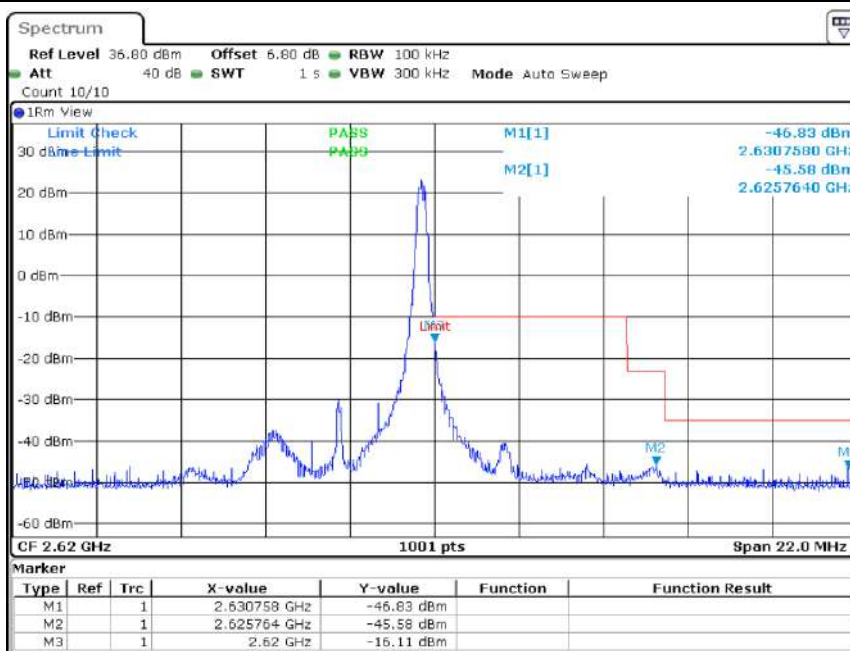
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Band38-5MHz-QPSK-37775-25RB#0



Date: 29 DEC. 2020 17:19:55

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



Date: 29 DEC. 2020 17:16:35



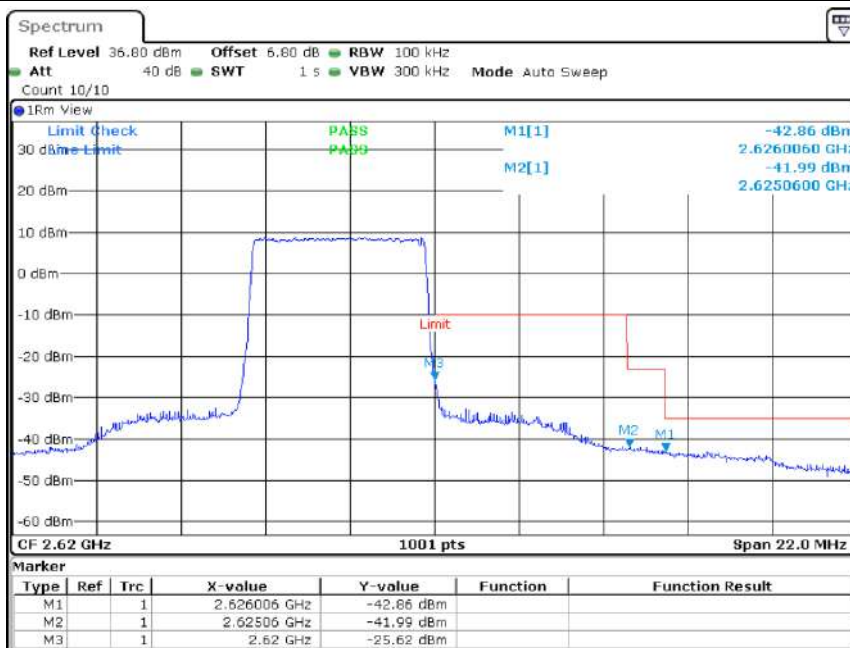
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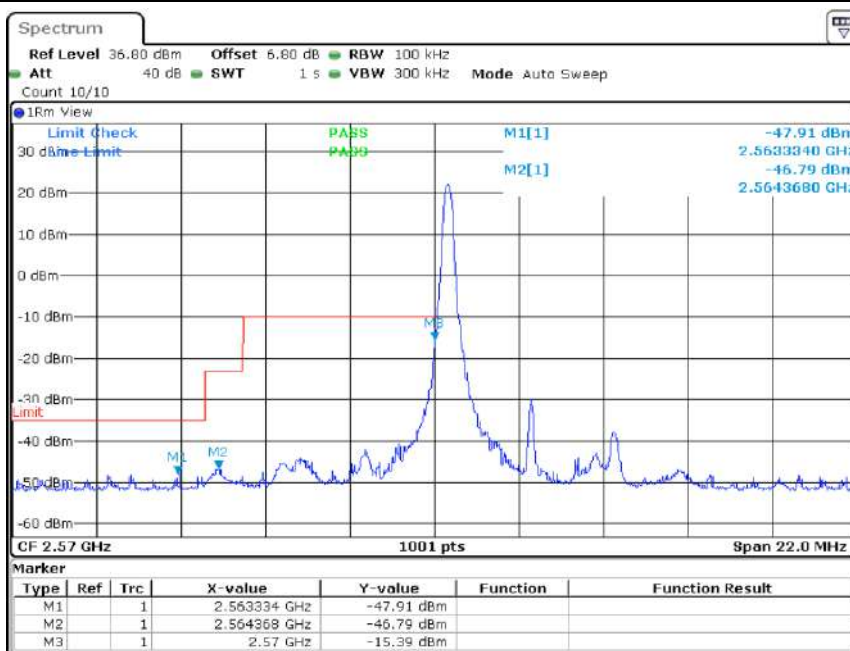
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Band38-5MHz-QPSK-38225-25RB#0



Date: 29 DEC. 2020 17:21:08

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



Date: 29 DEC. 2020 17:17:31

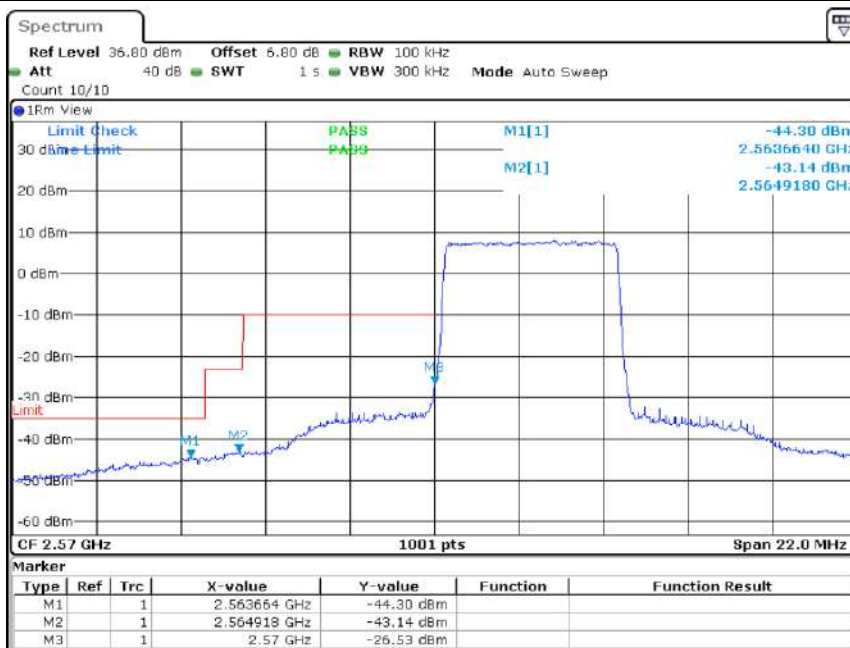


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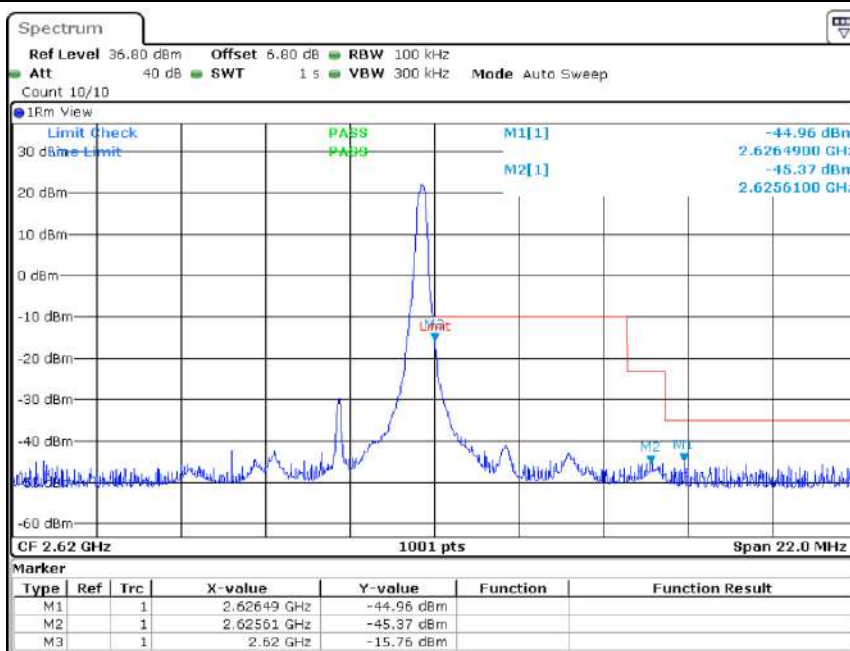
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Band38-5MHz-64QAM-37775-25RB#0



Date: 29 DEC. 2020 17:23:54

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



Date: 29 DEC. 2020 17:18:21



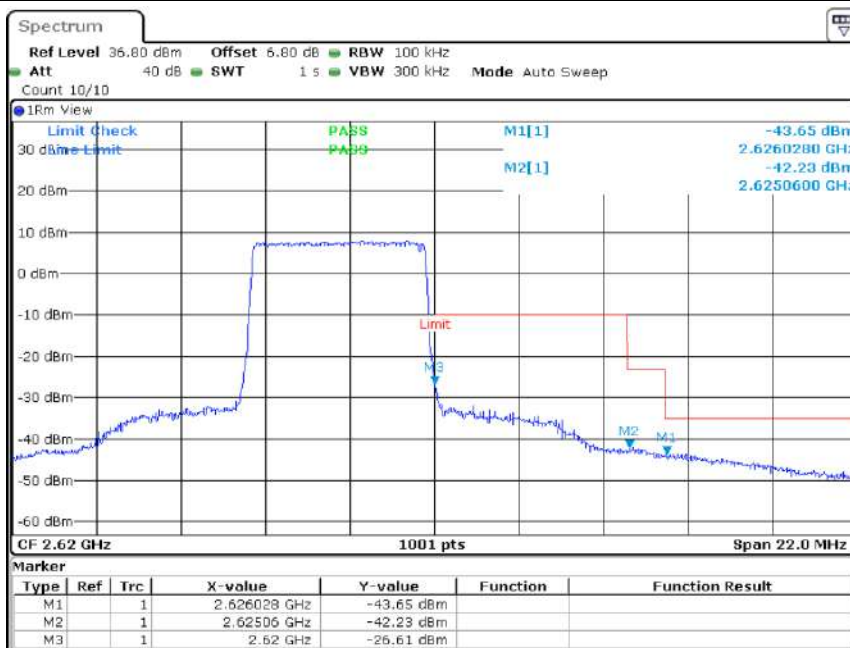
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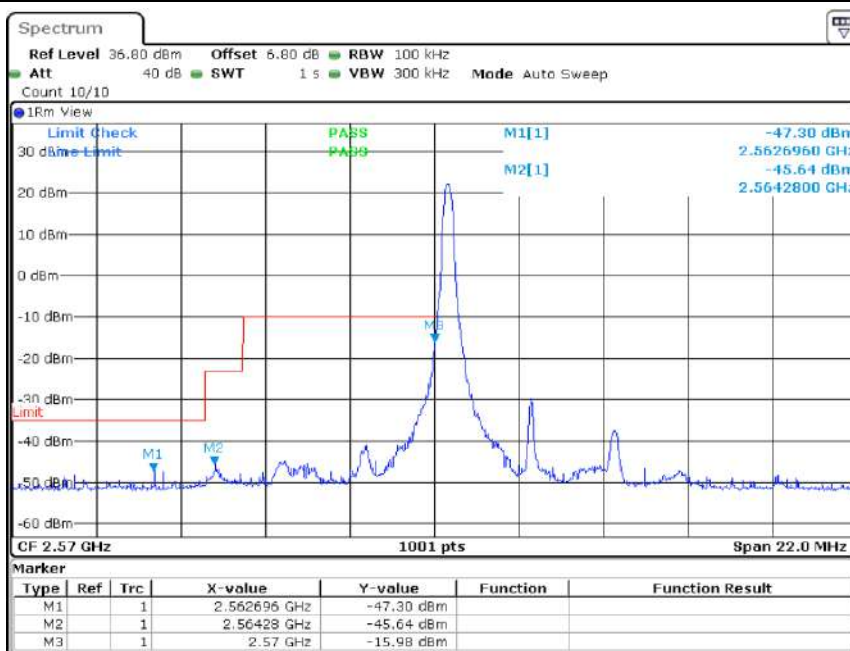
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Band38-5MHz-64QAM-38225-25RB#0



Date: 29 DEC. 2020 17:25:46

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



Date: 29 DEC. 2020 17:16:00



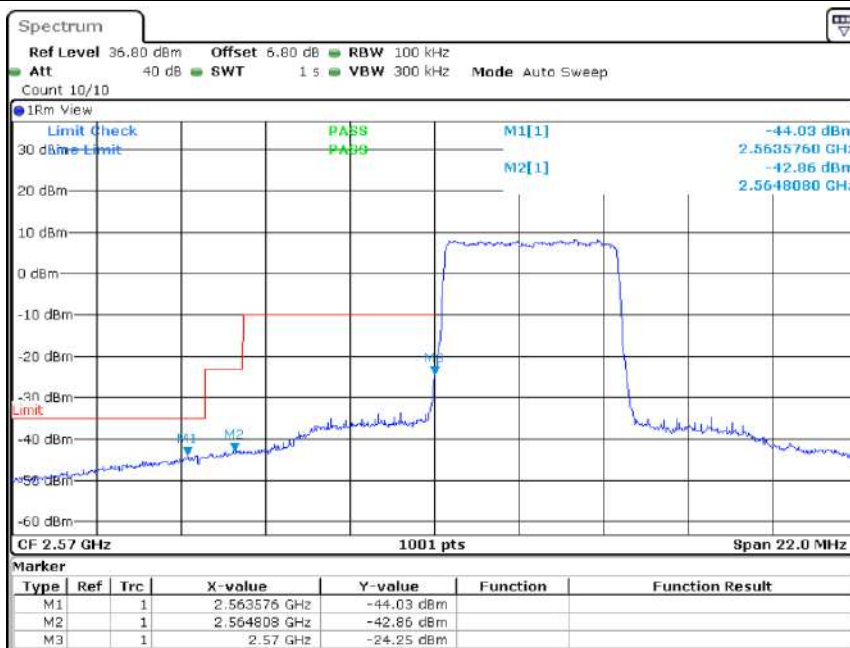
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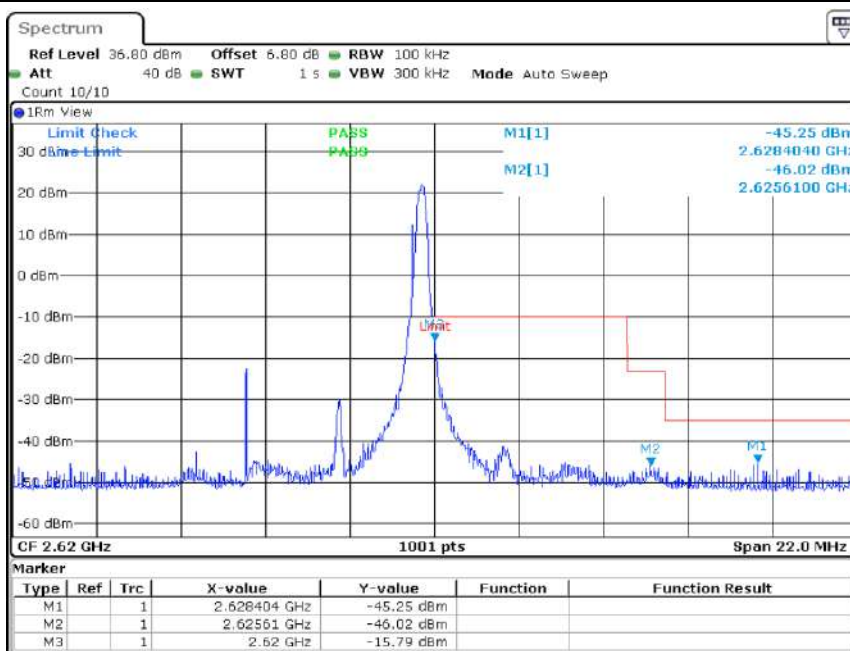
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Band38-5MHz-16QAM-37775-25RB#0



Date: 29 DEC. 2020 17:20:16

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



Date: 29 DEC. 2020 17:17:05



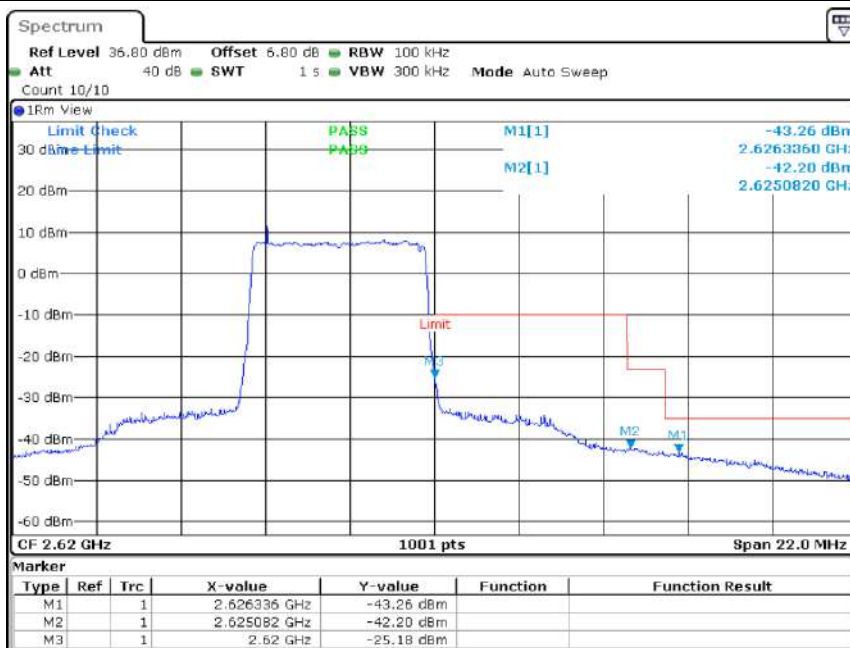
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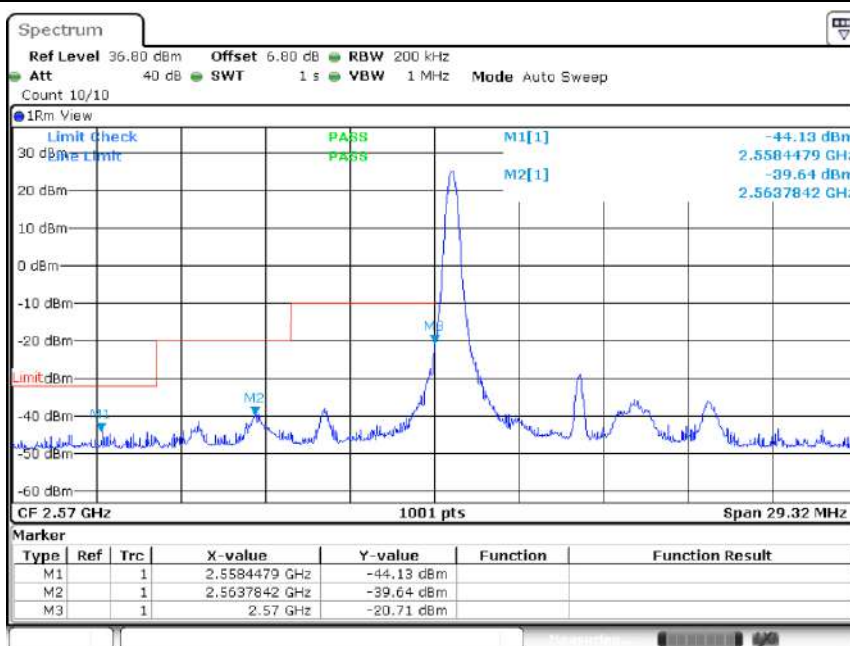
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Band38-5MHz-16QAM-38225-25RB#0



Date: 29 DEC. 2020 17:22:14

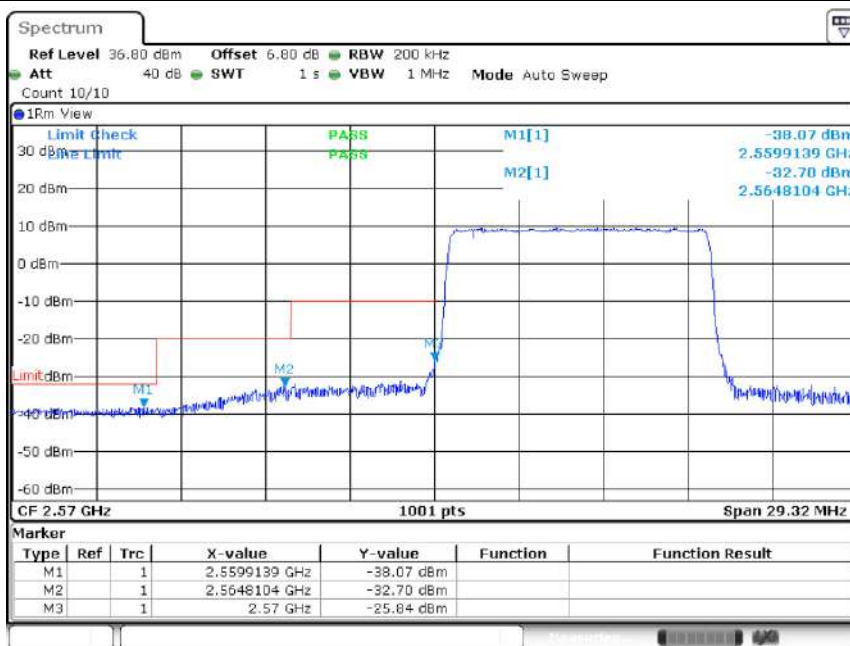
Band38-10MHz-QPSK-37800-1RB#0



Date: 13 DEC. 2020 21:17:15

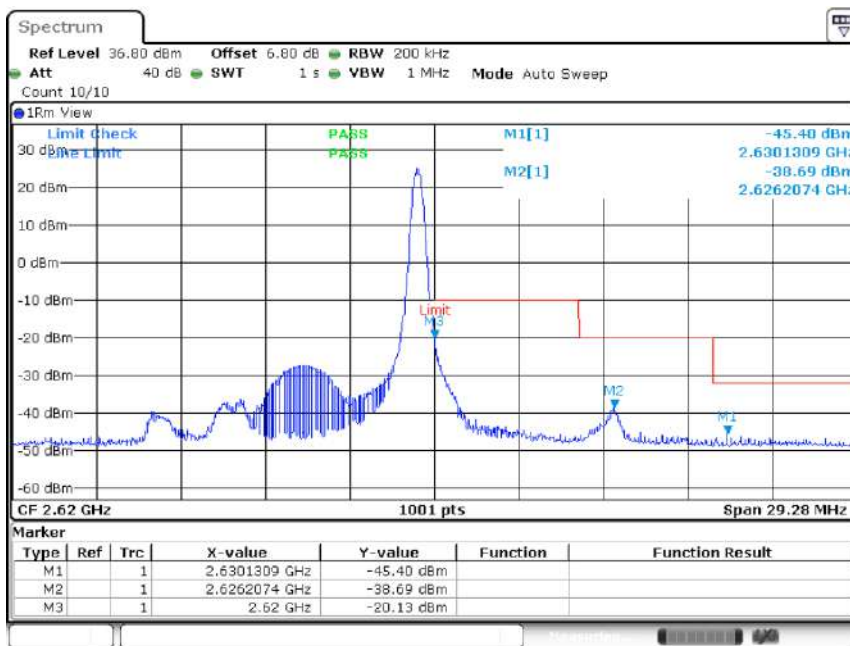


Band38-10MHz-QPSK-37800-50RB#0



Date: 13 DEC. 2020 21:18:50

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



Date: 13 DEC. 2020 21:18:03

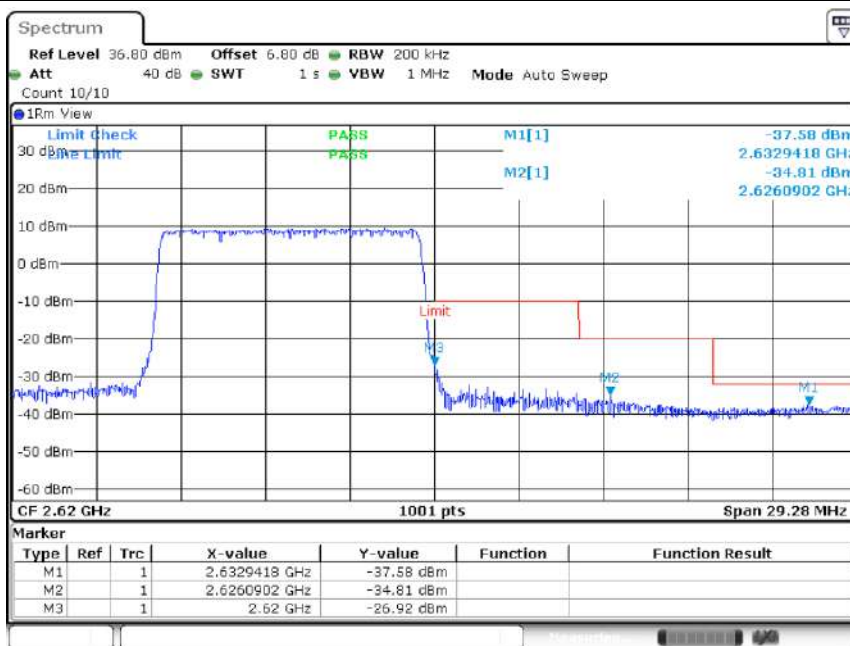


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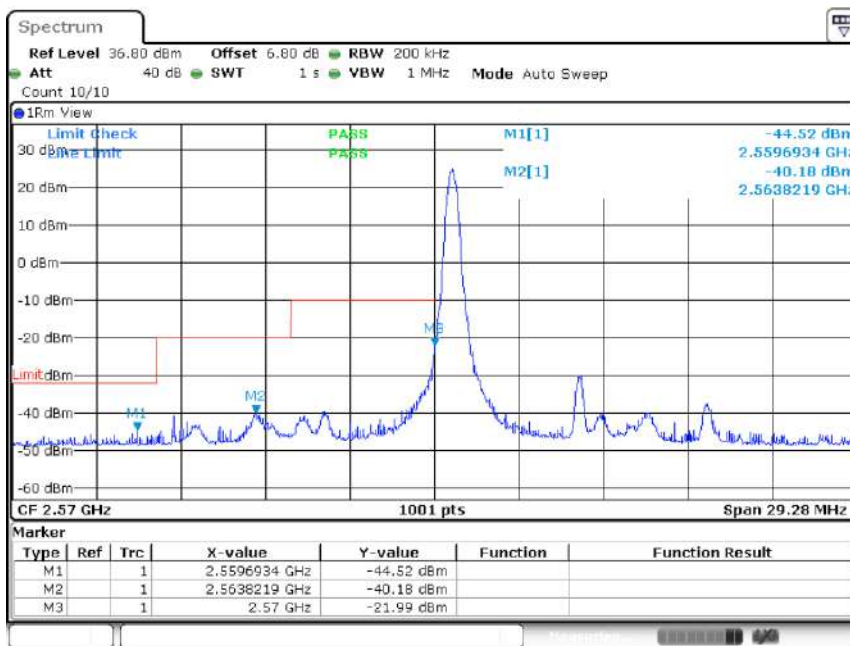
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Band38-10MHz-QPSK-38200-50RB#0



Date: 13 DEC. 2020 21:19:34

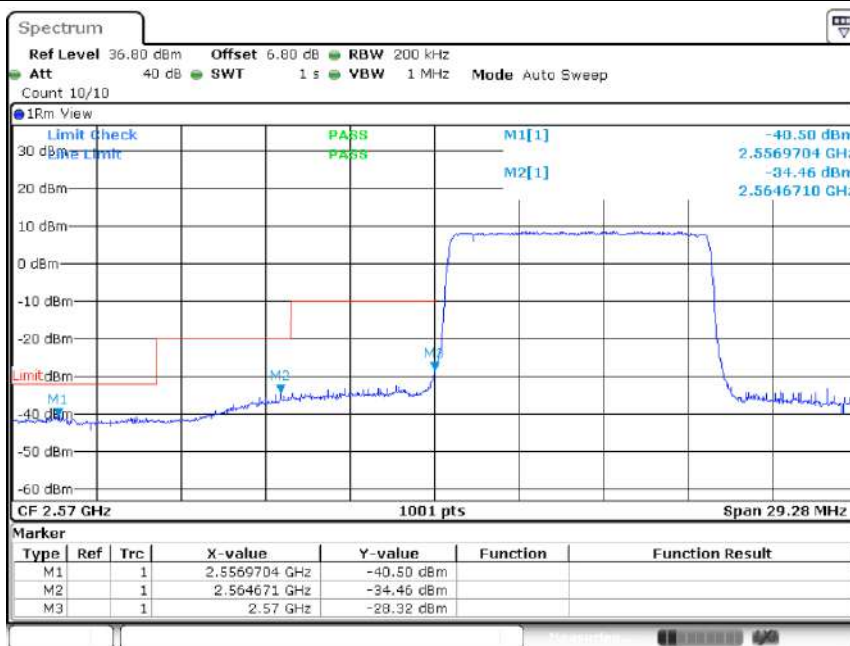
Band38-10MHz-64QAM-37800-1RB#0



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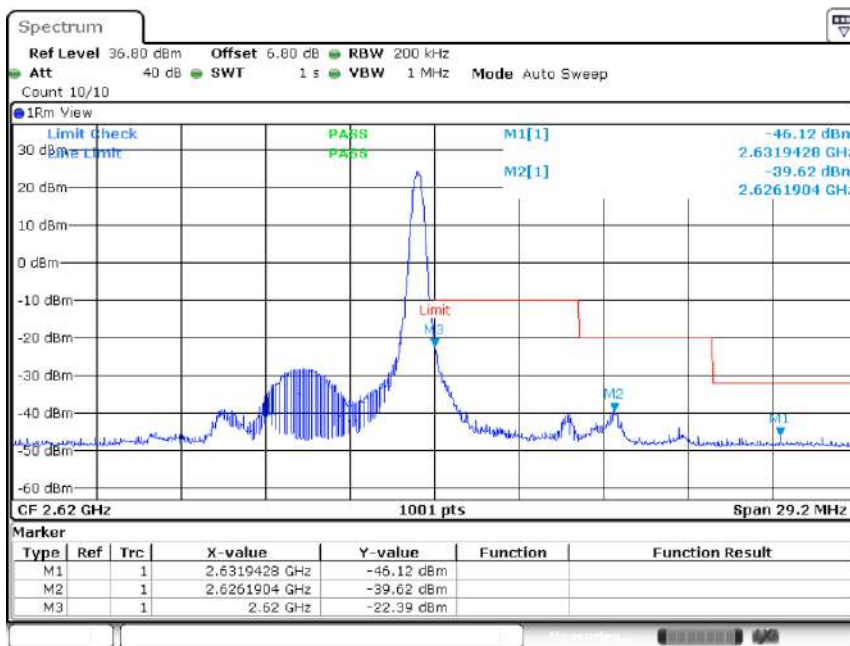


Band38-10MHz-64QAM-37800-50RB#0



Date: 13 DEC. 2020 21:43:57

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



Date: 13 DEC. 2020 21:43:30



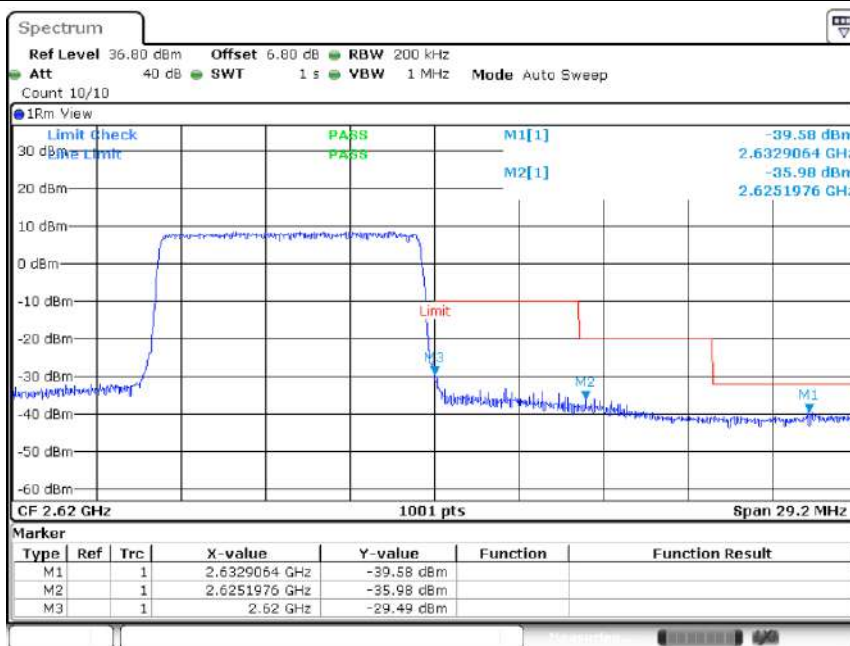
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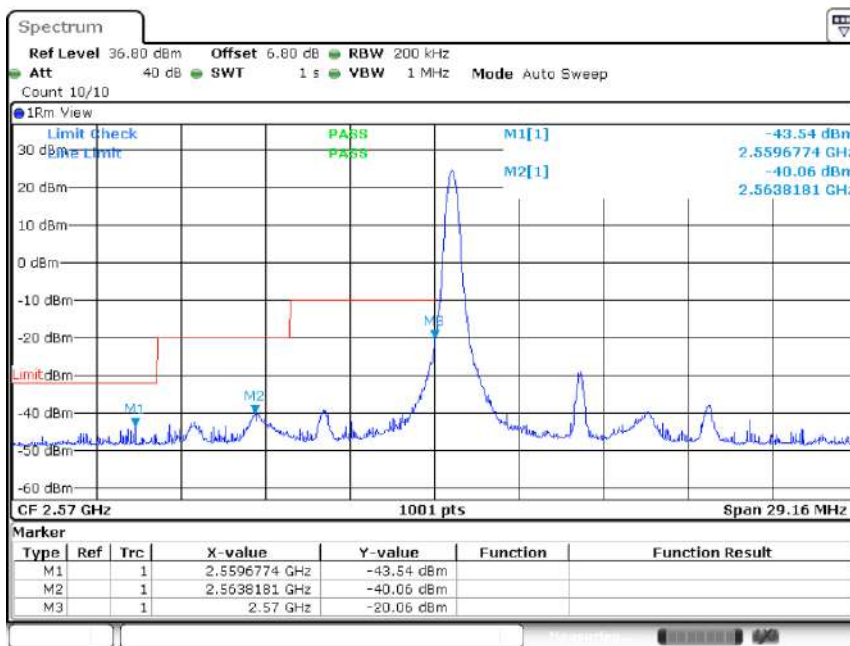
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Band38-10MHz-64QAM-38200-50RB#0



Date: 13 DEC. 2020 21:44:18

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



Date: 13 DEC. 2020 21:17:36



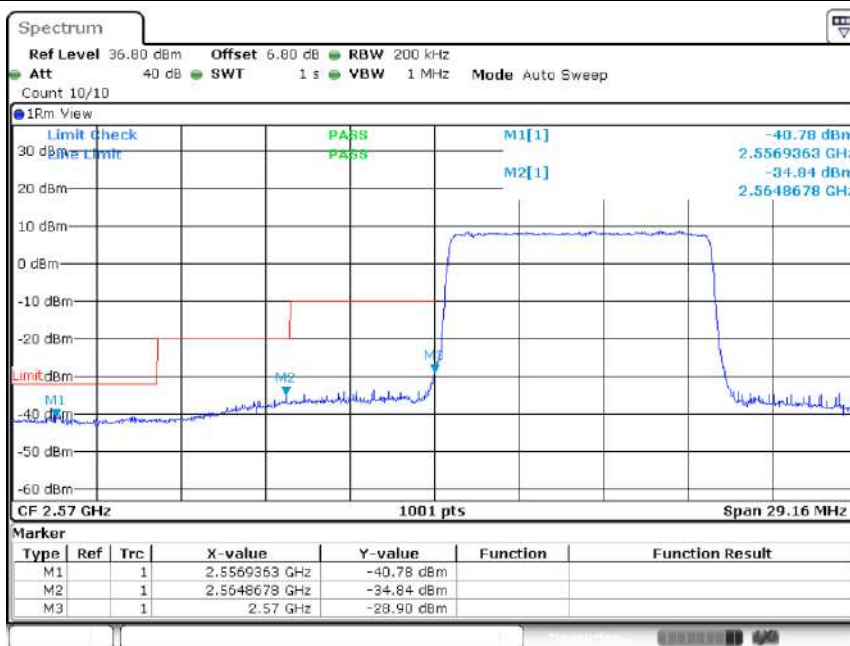
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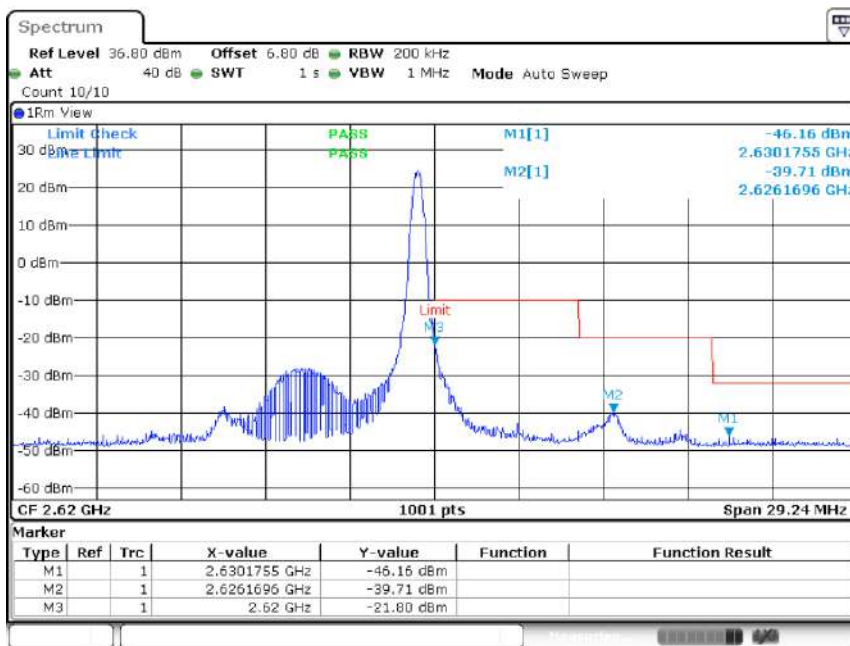
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Band38-10MHz-16QAM-37800-50RB#0



Date: 13 DEC. 2020 21:19:12

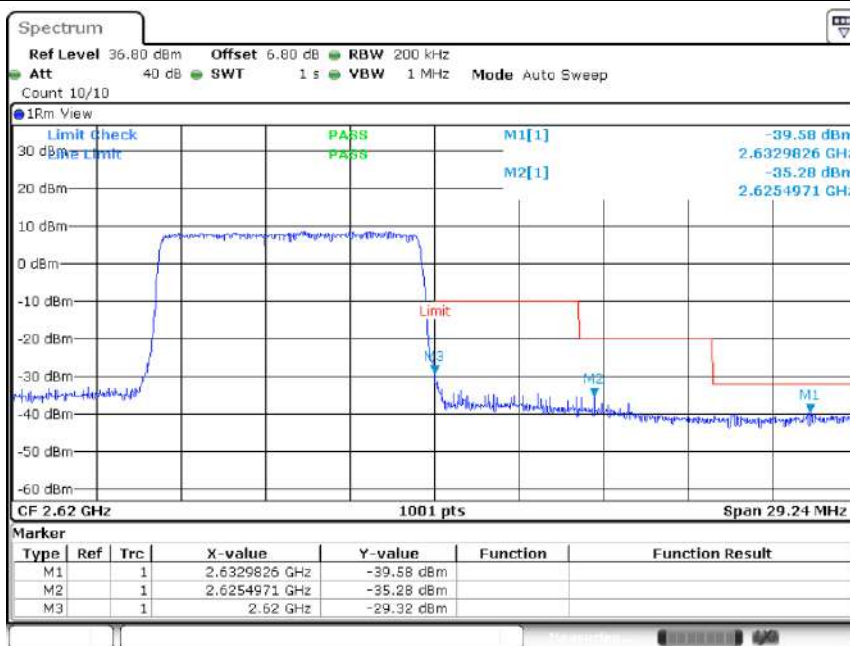
Band38-10MHz-16QAM-38200-1RB#49



Date: 13 DEC. 2020 21:18:24

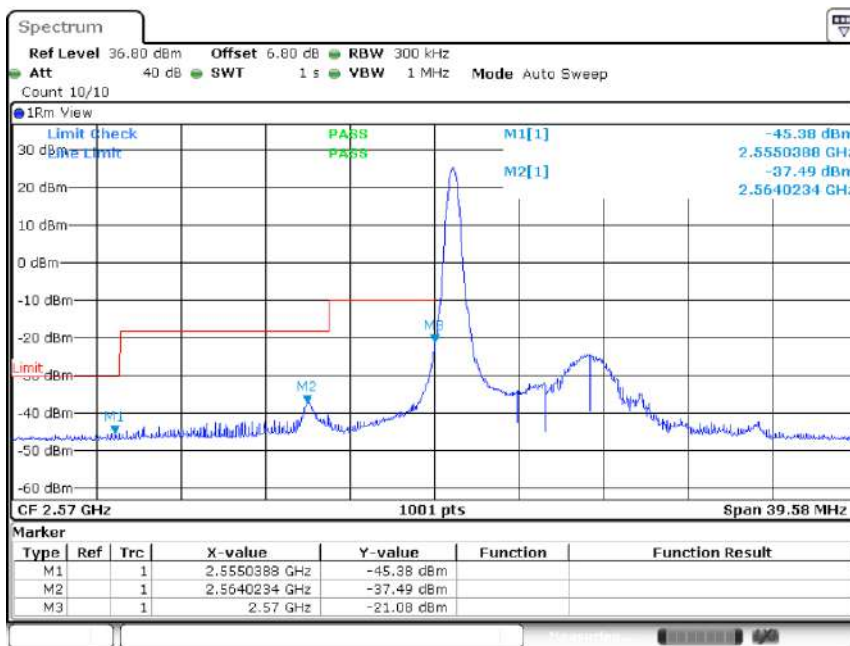


Band38-10MHz-16QAM-38200-50RB#0



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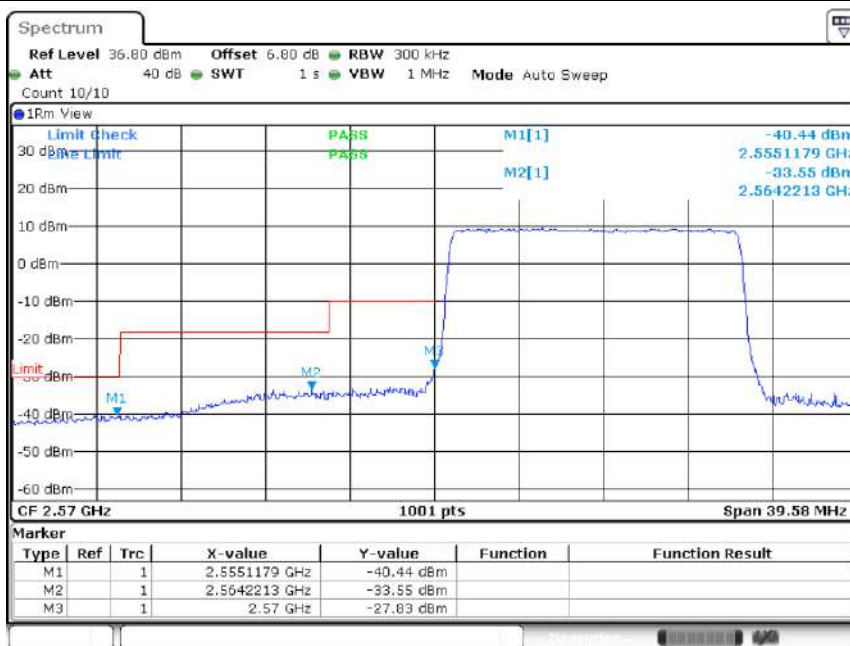
Band38-15MHz-QPSK-37825-1RB#0



Date: 13 DEC. 2020 21:20:23

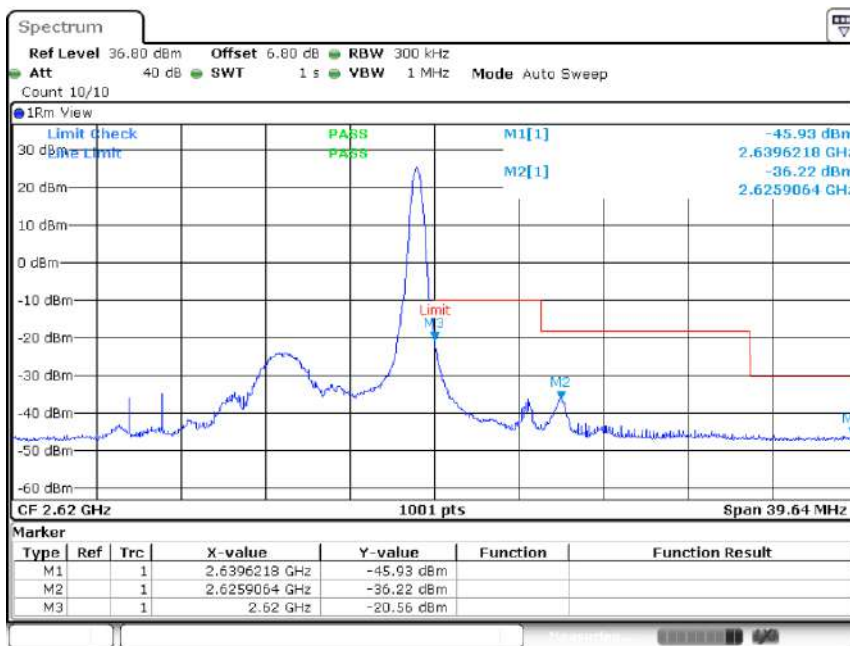


Band38-15MHz-QPSK-37825-75RB#0



Date: 13 DEC. 2020 21:21:58

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



Date: 13 DEC. 2020 21:21:10



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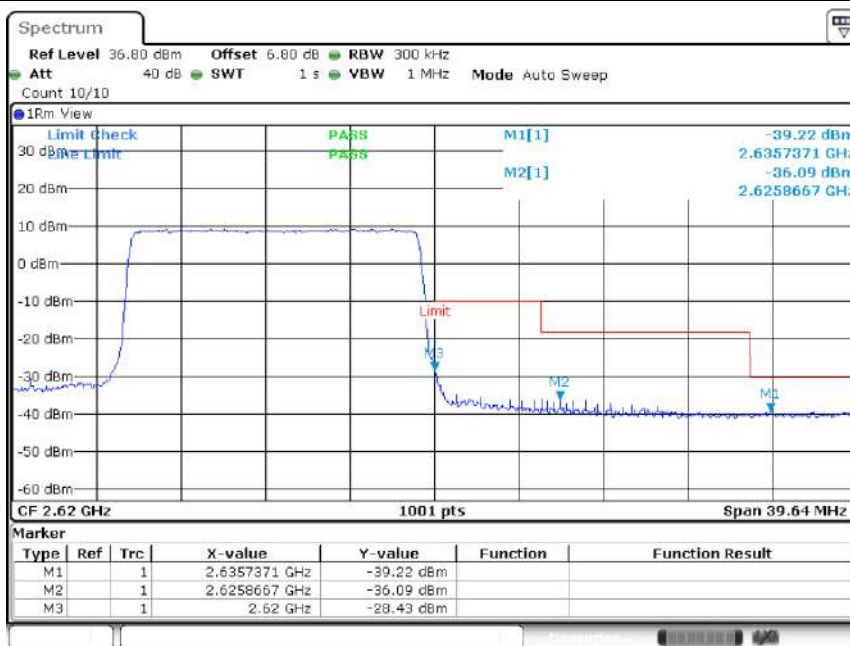
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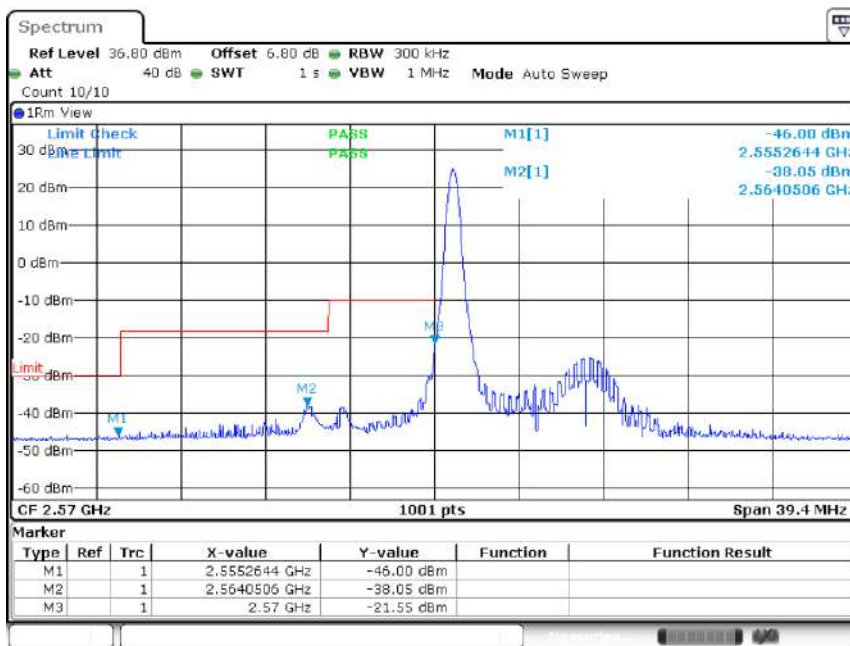
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Band38-15MHz-QPSK-38175-75RB#0



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



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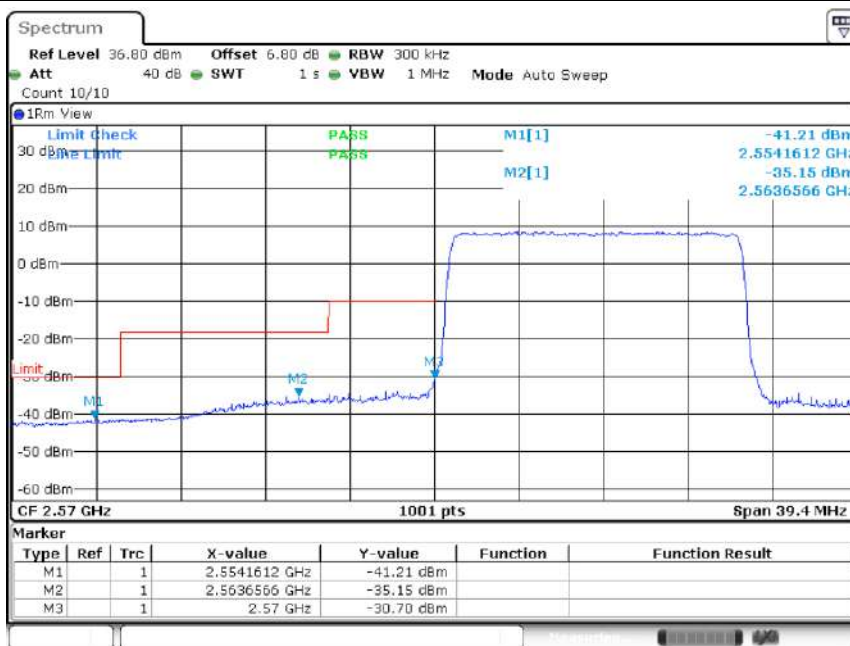
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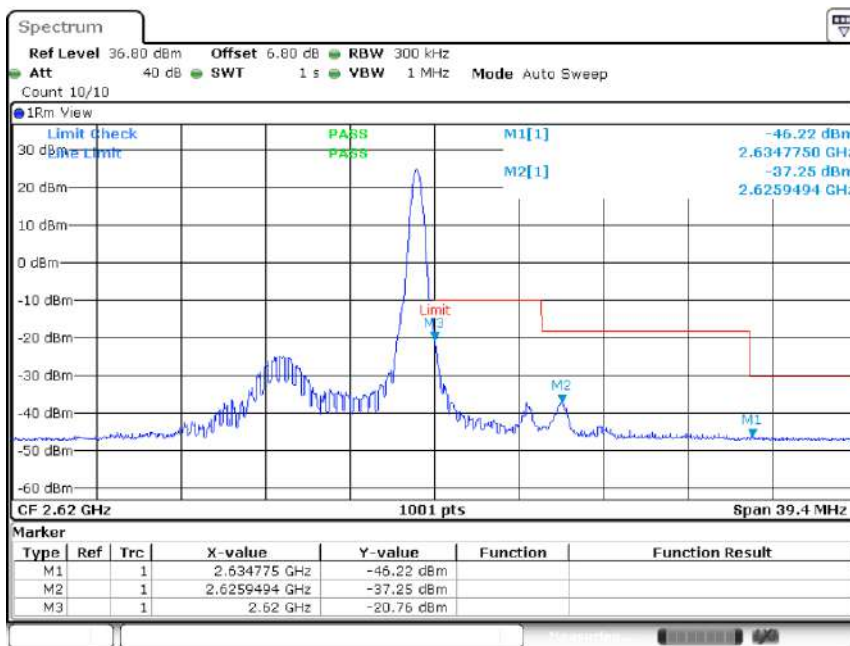
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Band38-15MHz-64QAM-37825-75RB#0



Date: 13 DEC. 2020 21:45:38

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



Date: 13 DEC. 2020 21:45:11



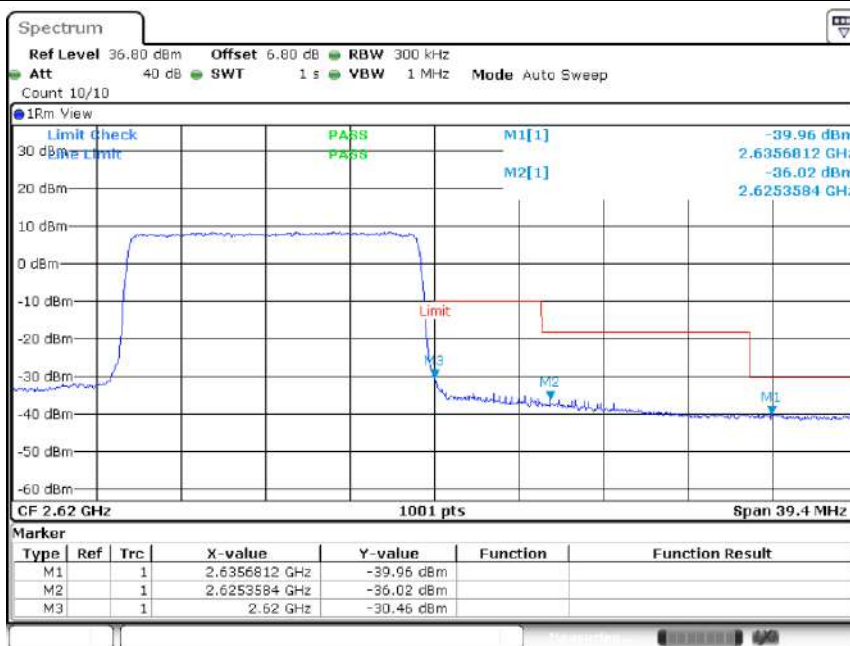
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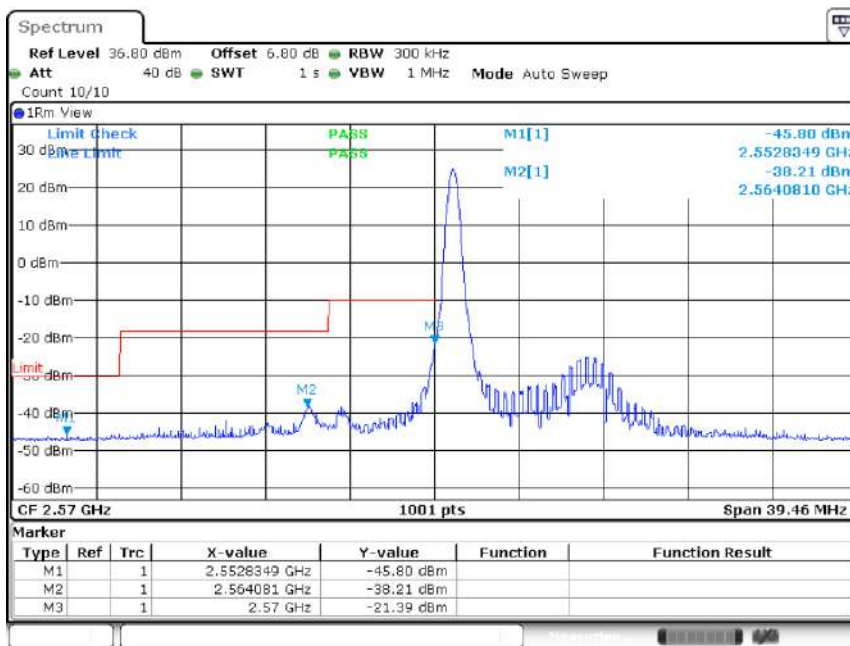
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Band38-15MHz-64QAM-38175-75RB#0



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



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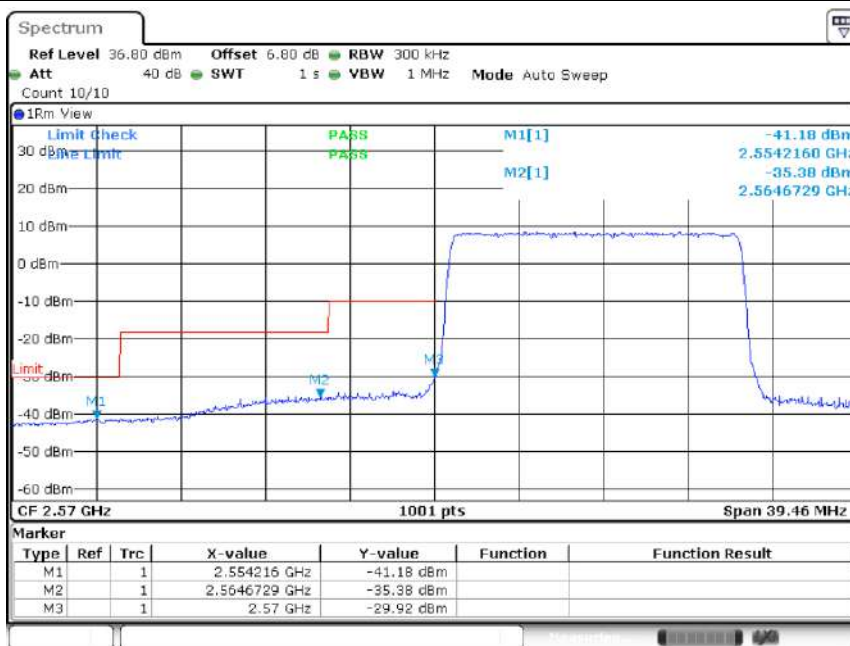
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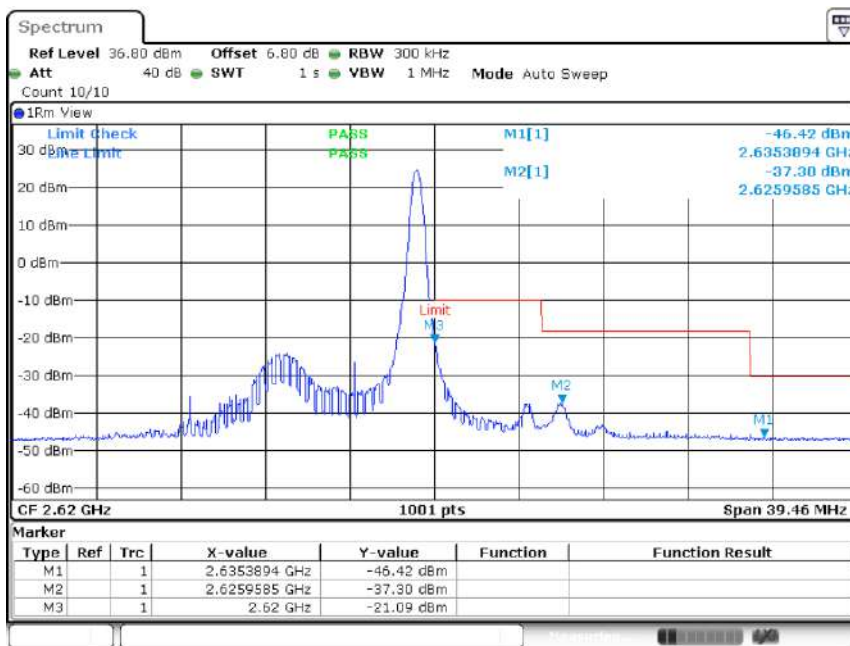
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Band38-15MHz-16QAM-37825-75RB#0



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



Date: 13 DEC. 2020 21:21:32



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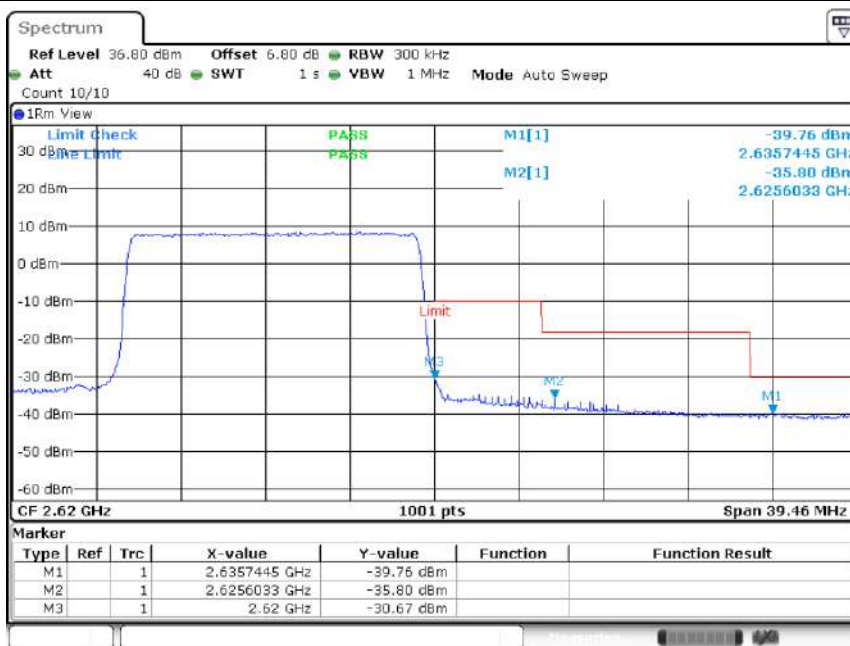
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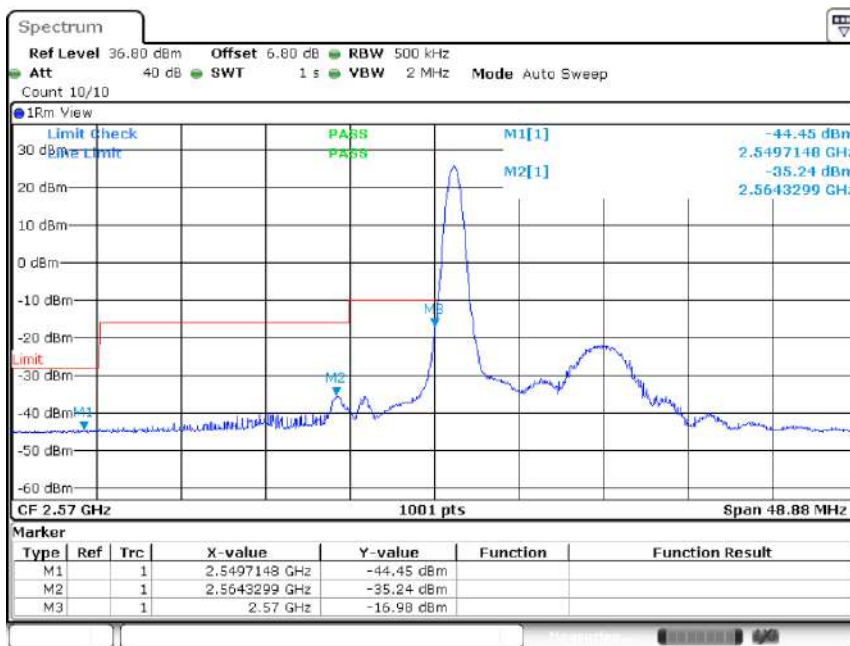
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Band38-20MHz-QPSK-37850-1RB#0



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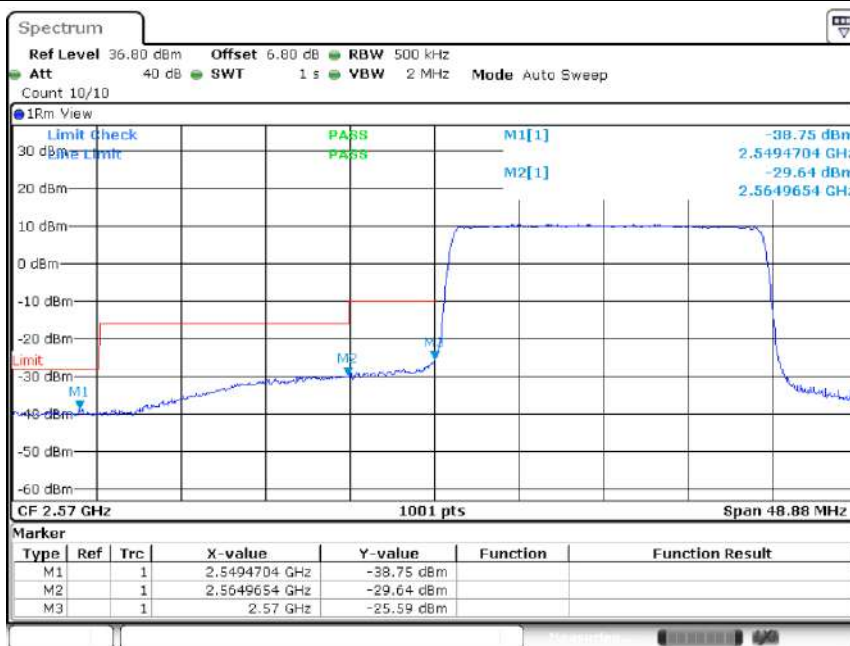
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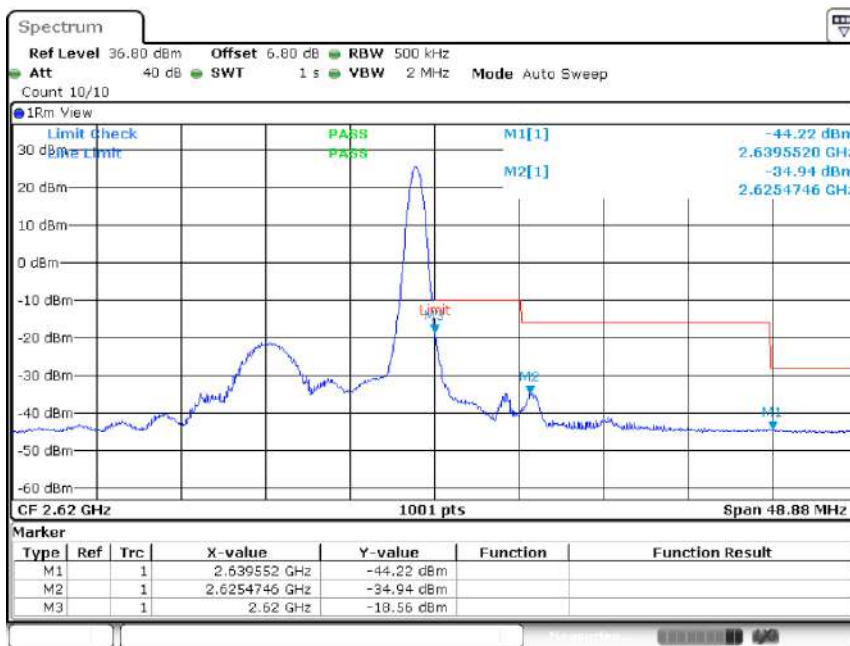
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Band38-20MHz-QPSK-37850-100RB#0



Date: 13 DEC. 2020 21:25:05

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



Date: 13 DEC. 2020 21:24:17



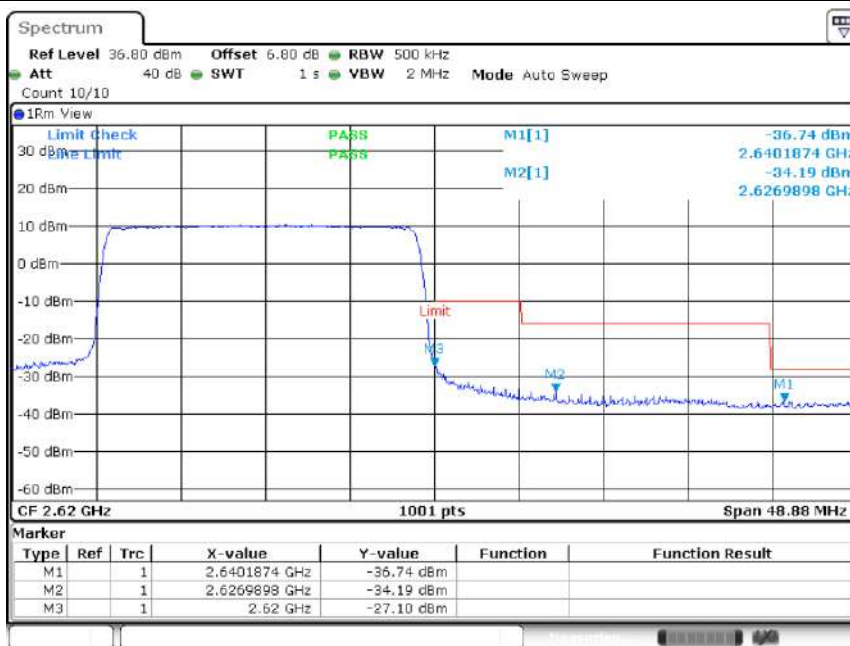
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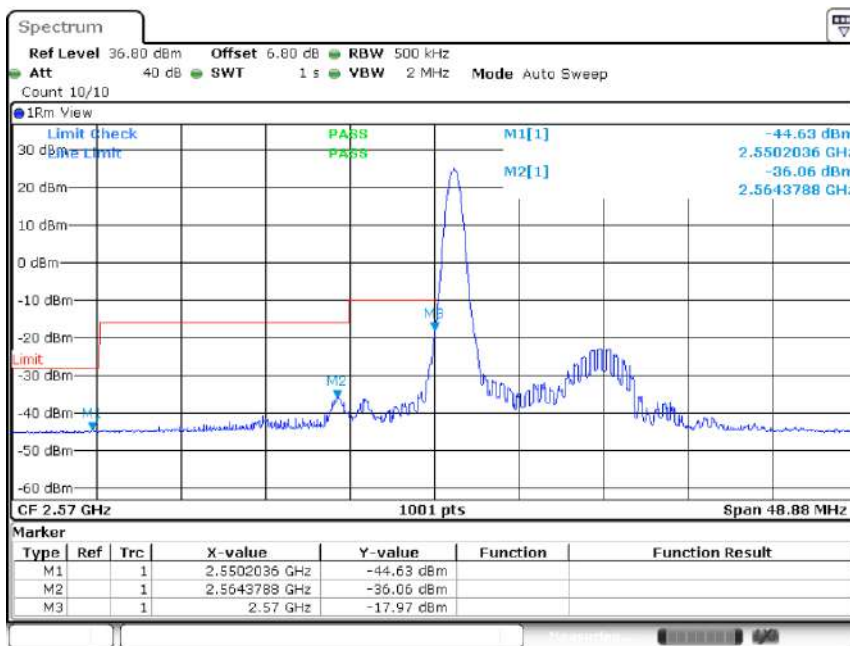
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Band38-20MHz-QPSK-38150-100RB#0



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



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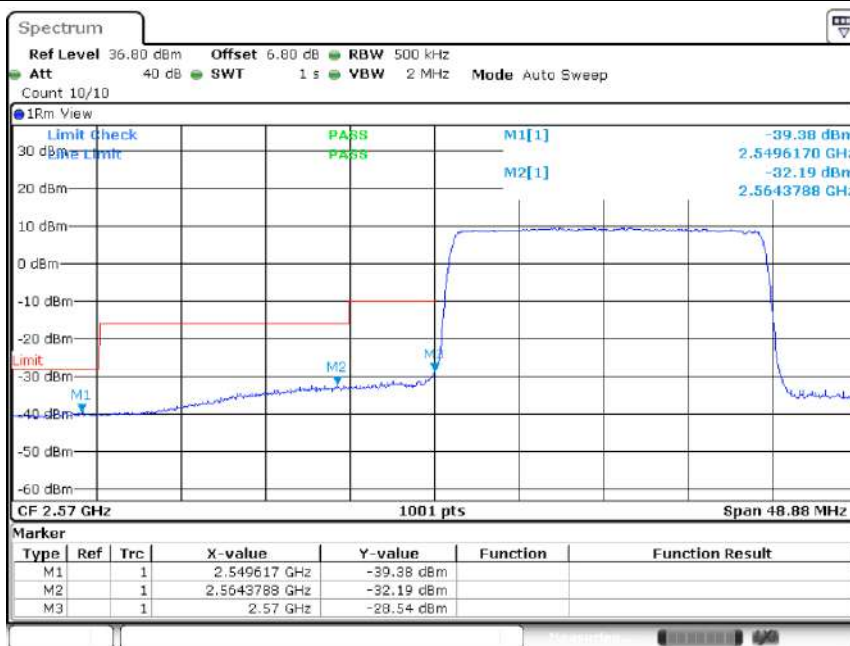
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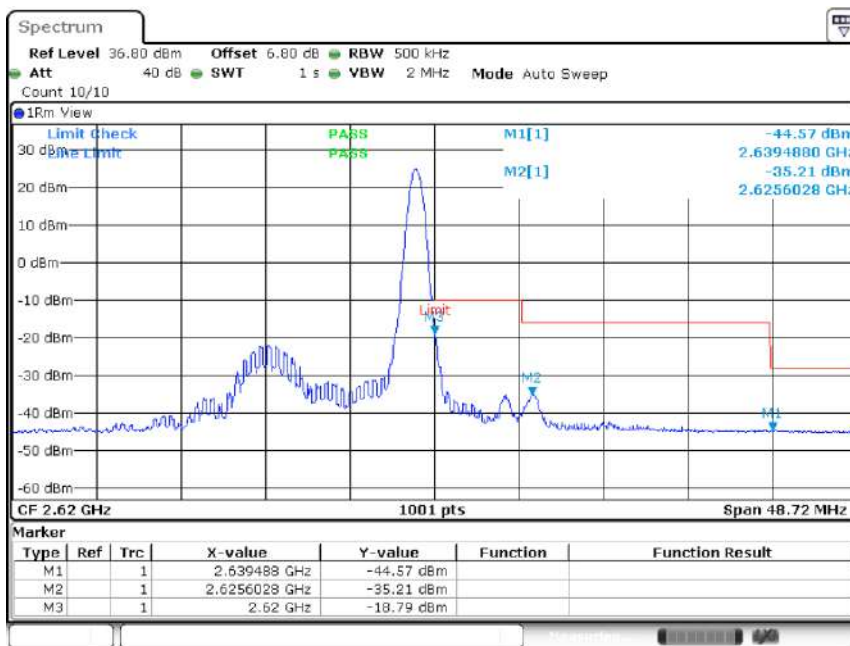
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Band38-20MHz-64QAM-37850-100RB#0



Date: 13 DEC. 2020 21:47:19

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



Date: 13 DEC. 2020 21:46:53



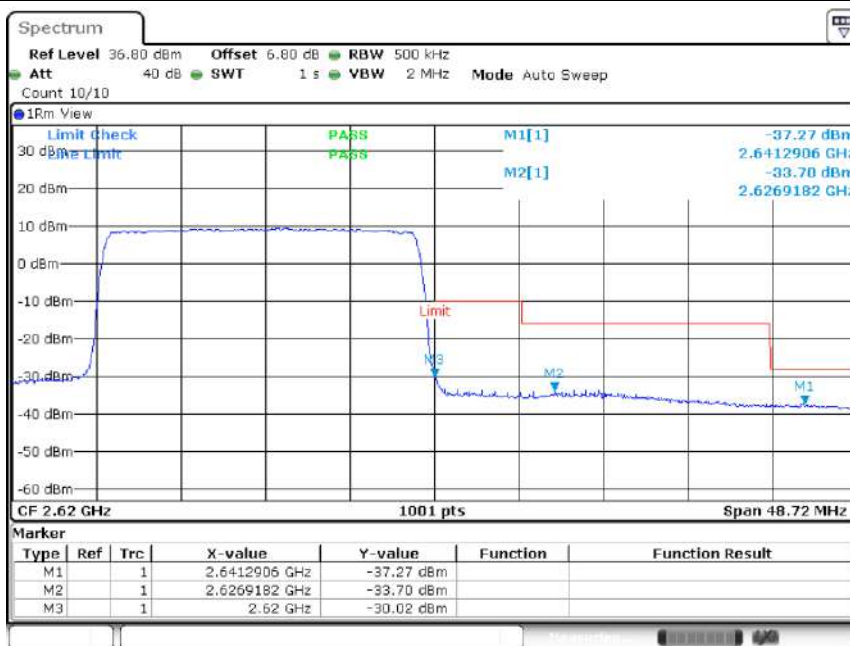
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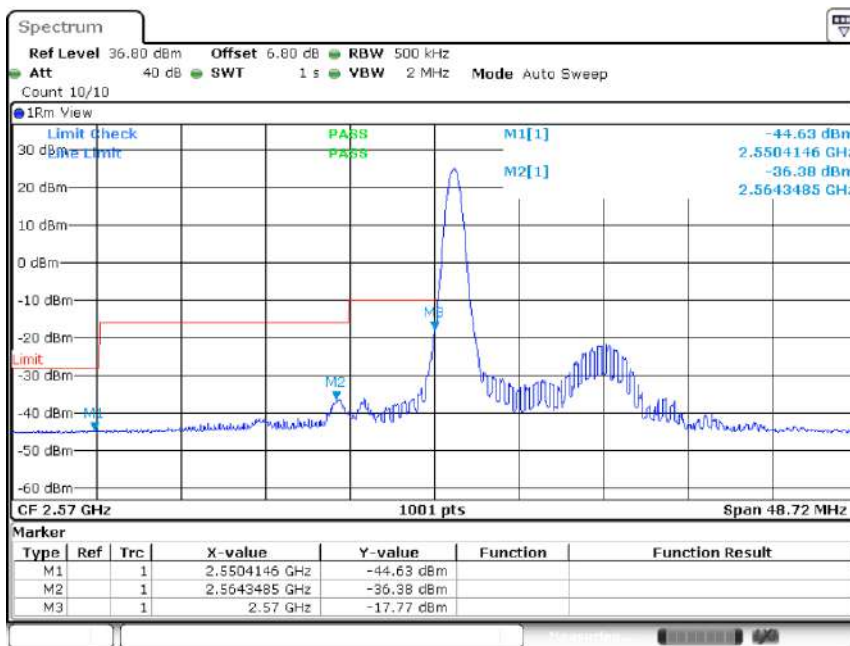
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Band38-20MHz-64QAM-38150-100RB#0



Date: 13 DEC. 2020 21:47:41

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



Date: 13 DEC. 2020 21:23:51



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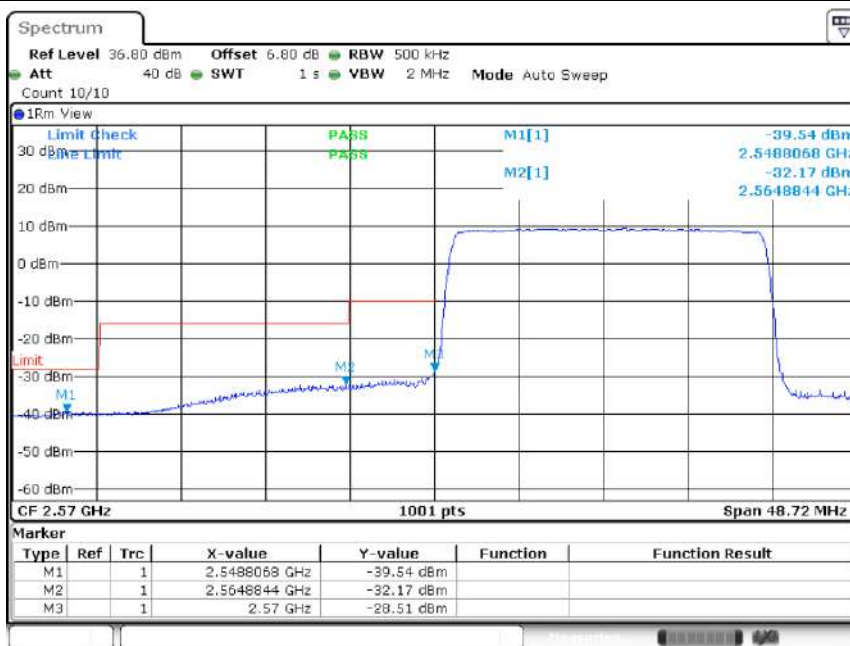
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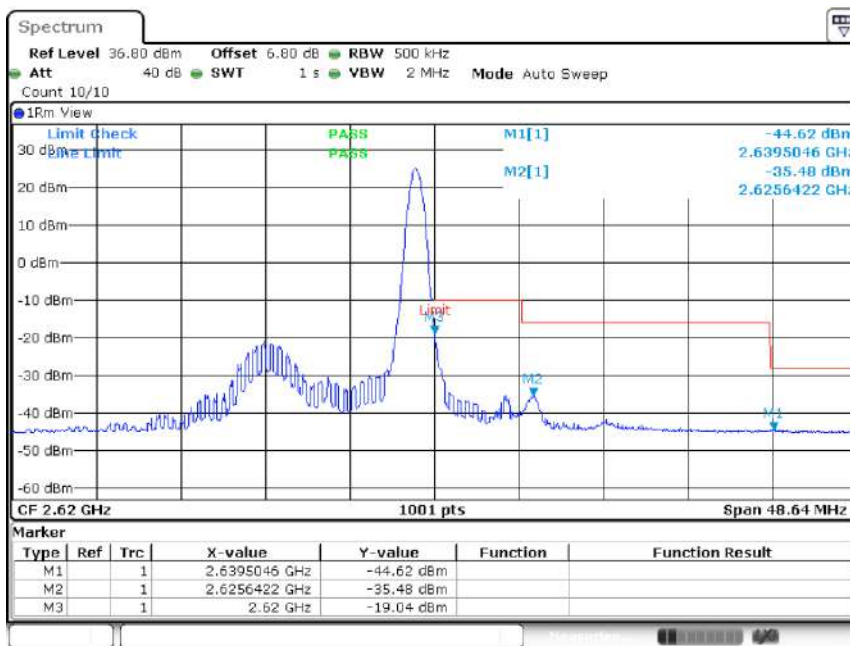
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Band38-20MHz-16QAM-37850-100RB#0



Date: 13 DEC. 2020 21:25:26

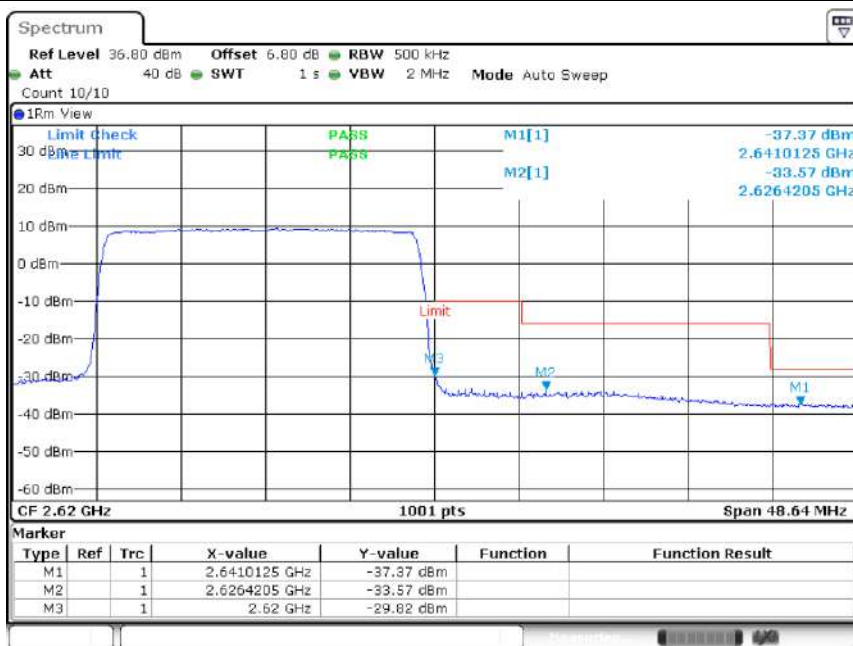
Band38-20MHz-16QAM-38150-1RB#99



Date: 13 DEC. 2020 21:24:39



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



Date: 13 DEC 2020 21:26:10



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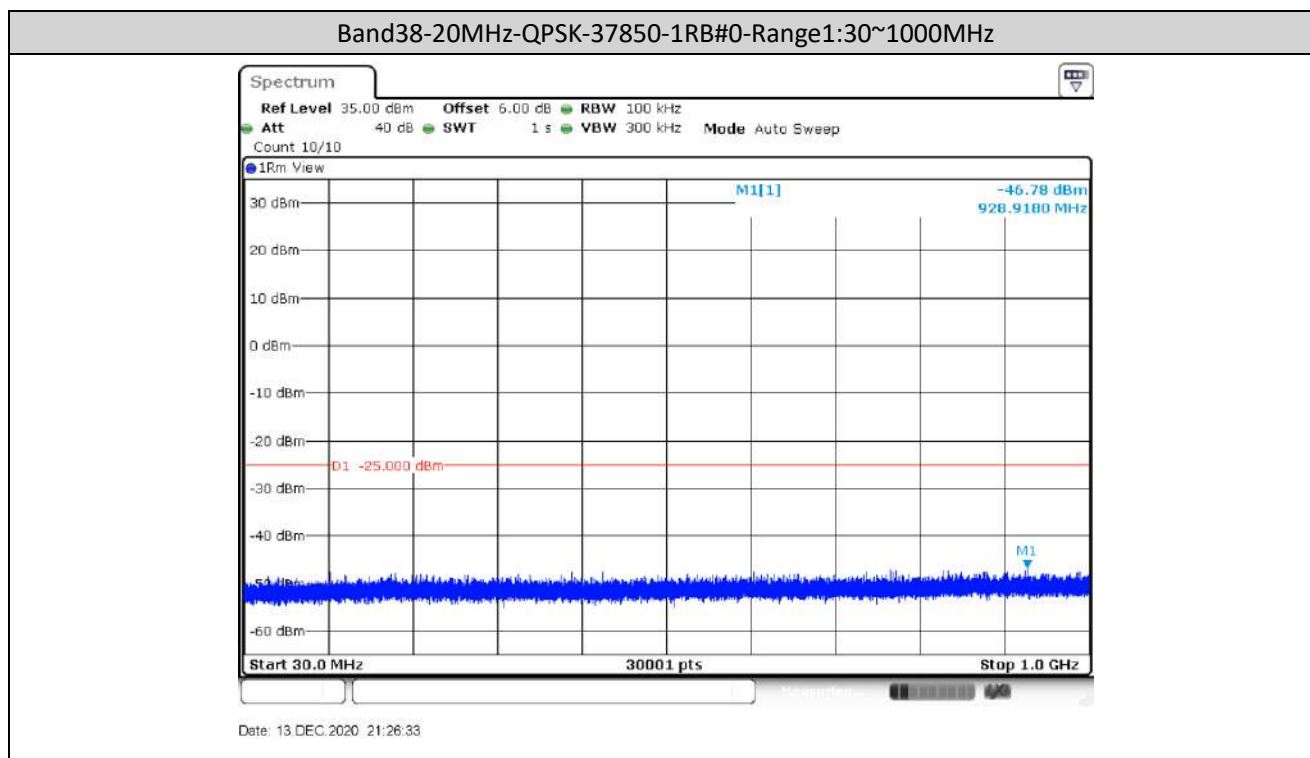
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6. Spurious Emission at Antenna Terminal

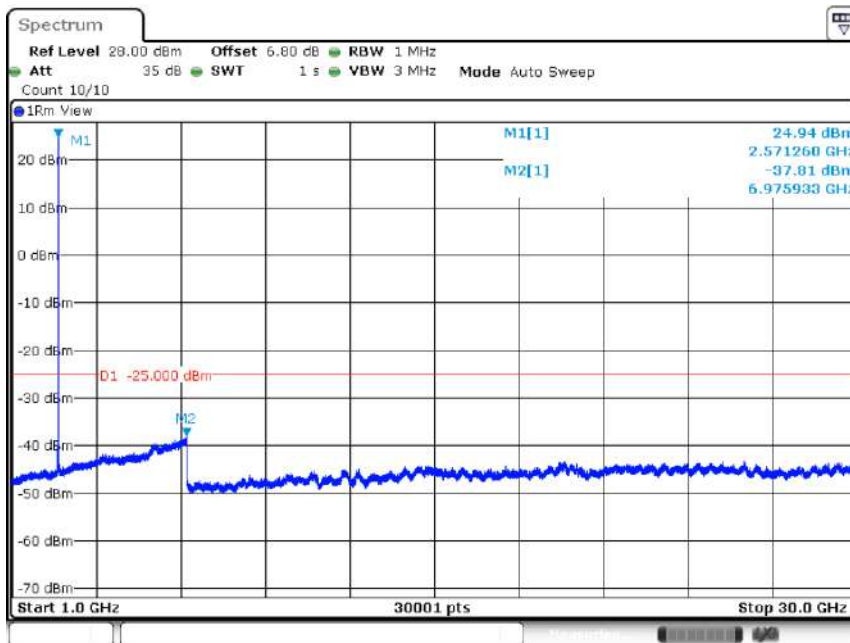
Remark1: For the averaged unwanted emissions measurements, the measurement points in each sweep is greater than twice the Span/RBW in order to ensure bin-to-bin spacing of $< RBW/2$ so that narrowband signals are not lost between frequency bins. As to the present test item, the "Measurement Points =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

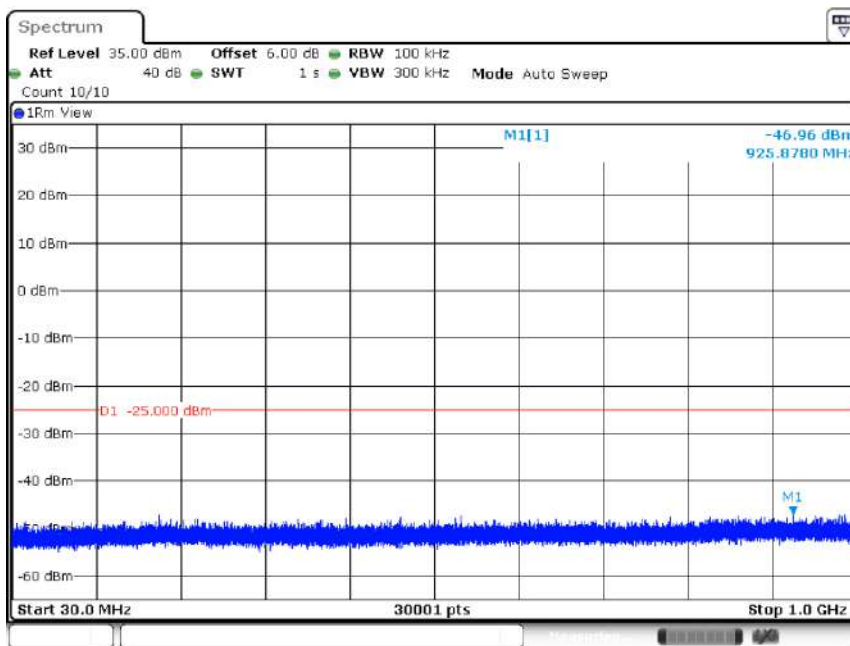


Band38-20MHz-QPSK-37850-1RB#0-Range2:1000~30000MHz



Date: 13 DEC. 2020 21:26:49

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



Date: 13 DEC. 2020 21:27:43

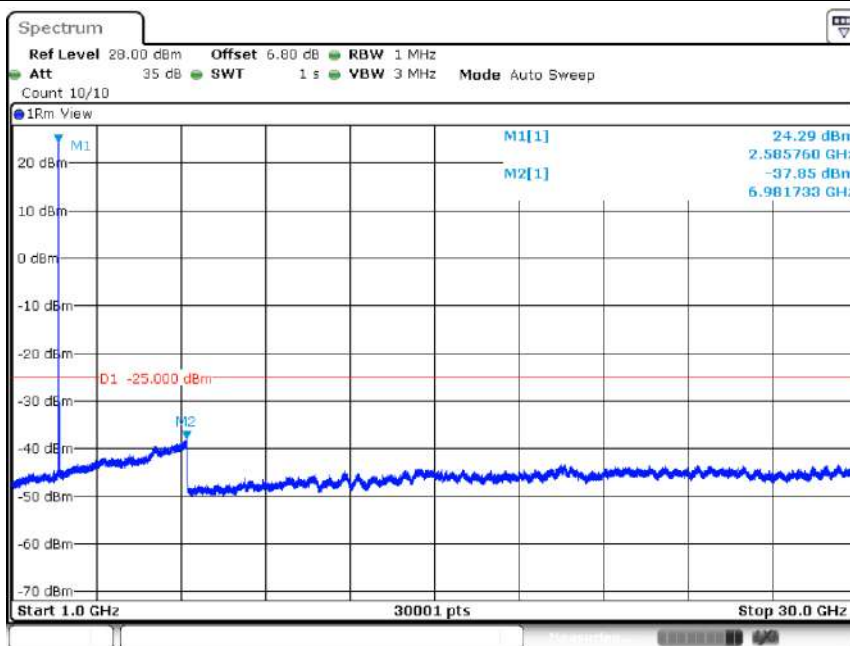


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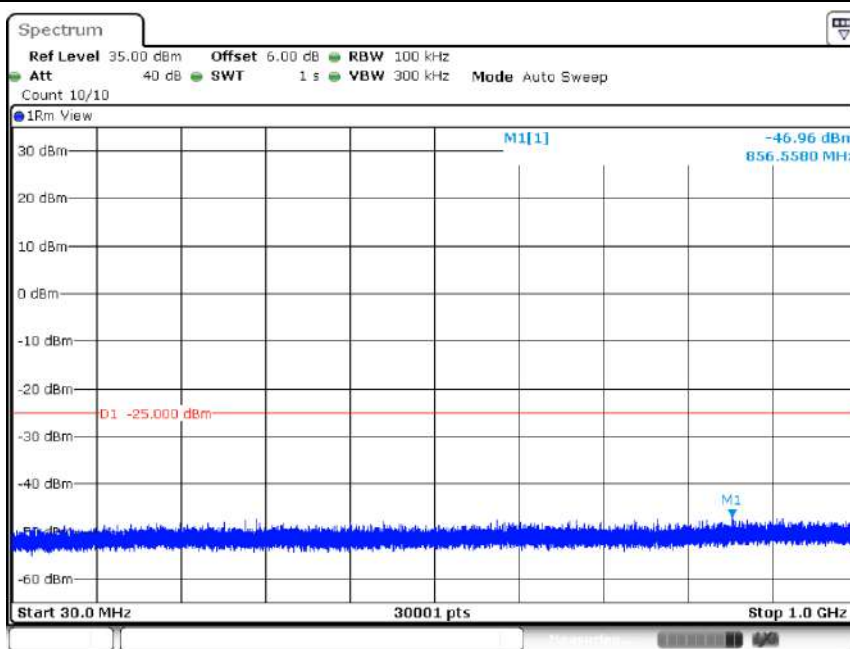
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Band38-20MHz-QPSK-38000-1RB#0-Range2:1000~30000MHz



Date: 13 DEC. 2020 21:28:00

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



Date: 13 DEC. 2020 21:28:54

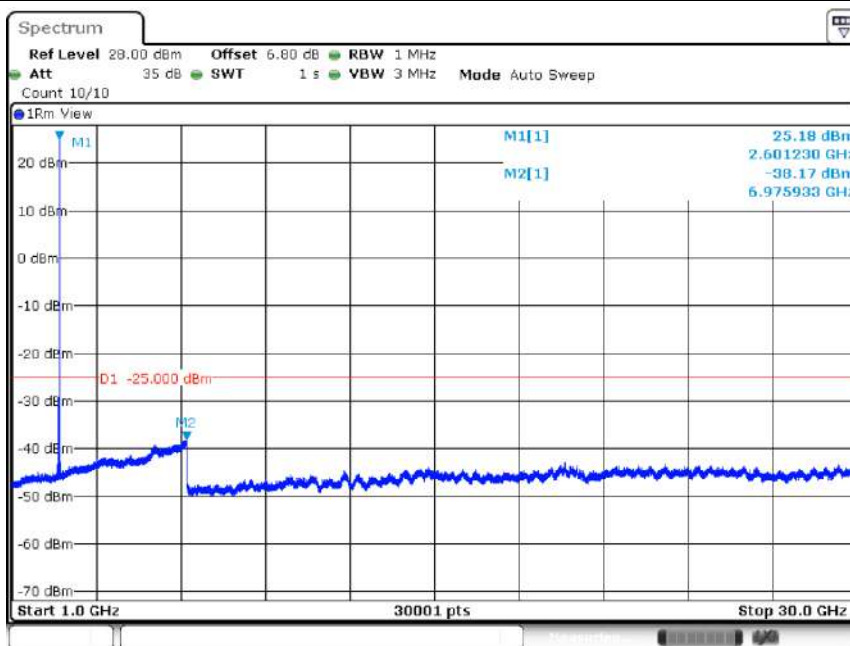


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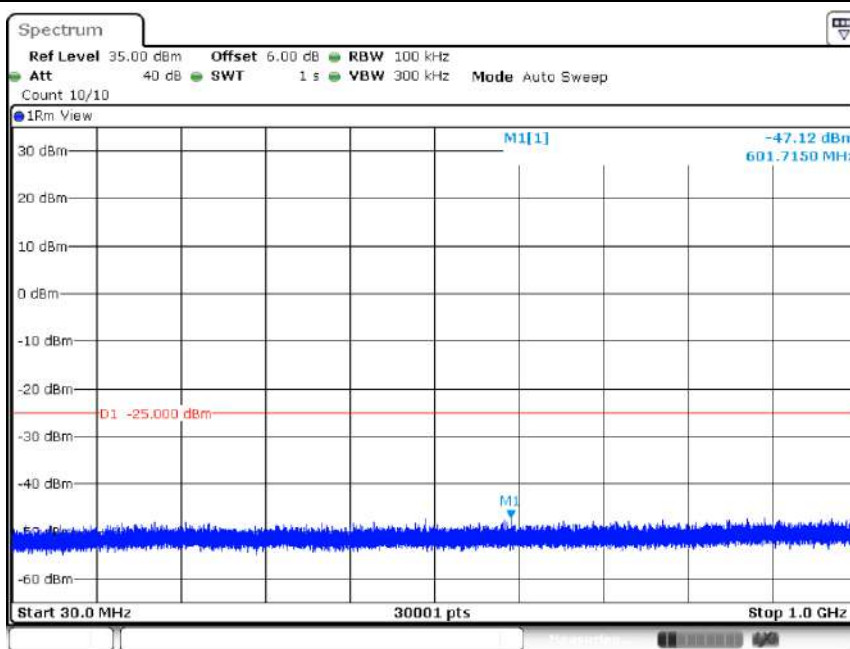
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Band38-20MHz-QPSK-38150-1RB#0-Range2:1000~30000MHz



Date: 13 DEC. 2020 21:29:10

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



Date: 13 DEC. 2020 21:48:04



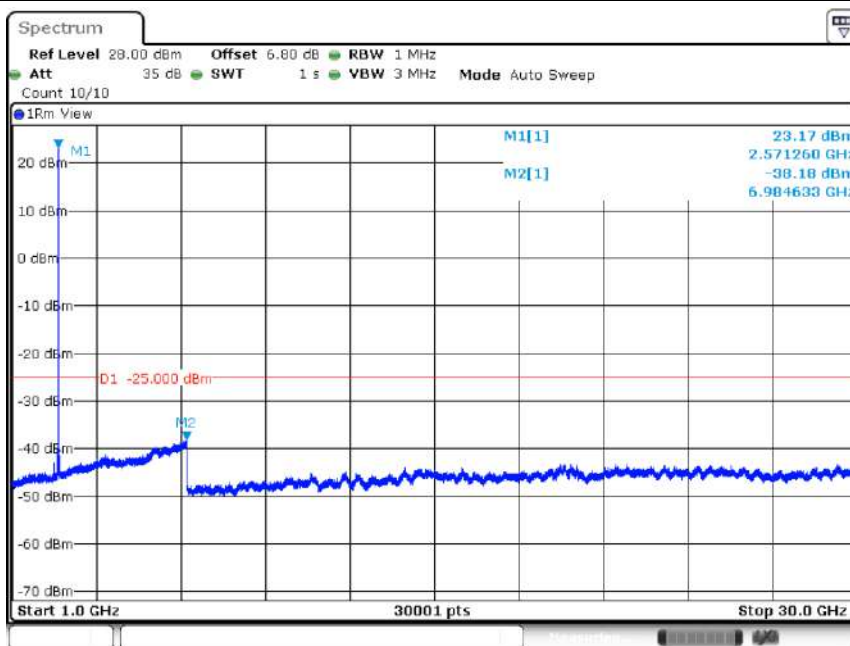
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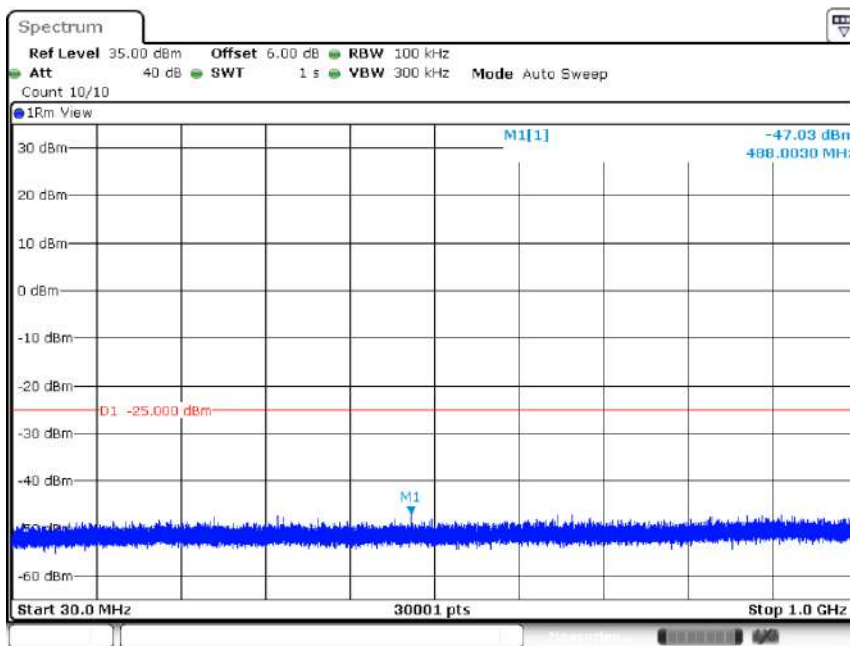
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Date: 13 DEC. 2020 21:48:20

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



Date: 13 DEC. 2020 21:48:39



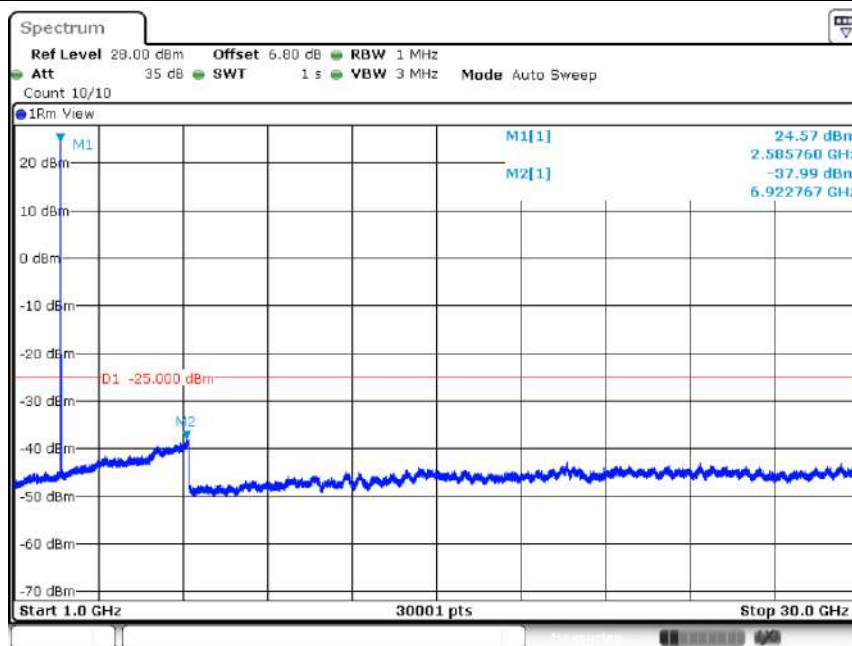
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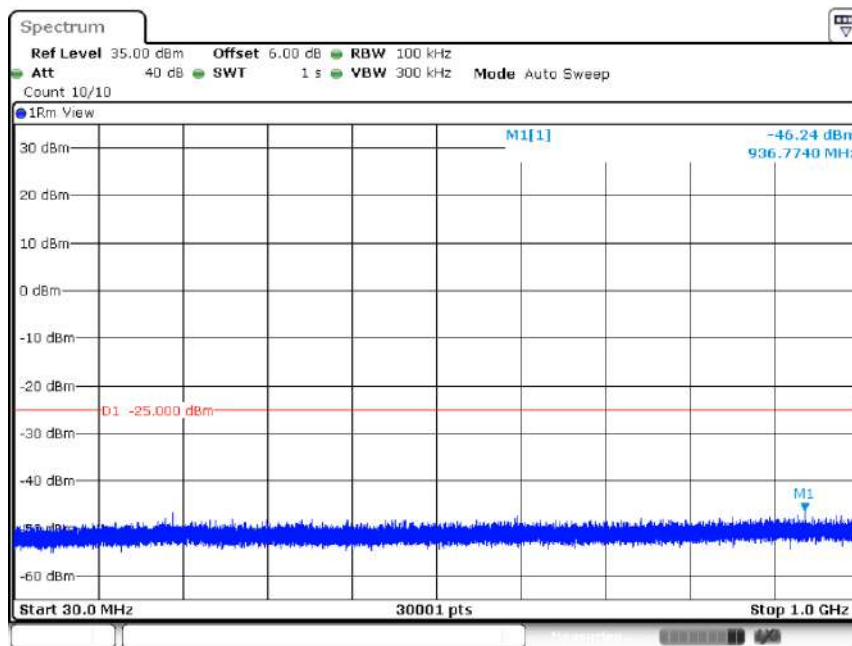
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Band38-20MHz-64QAM-38000-1RB#0-Range2:1000~30000MHz



Date: 13 DEC. 2020 21:48:56

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



Date: 13 DEC. 2020 21:49:15

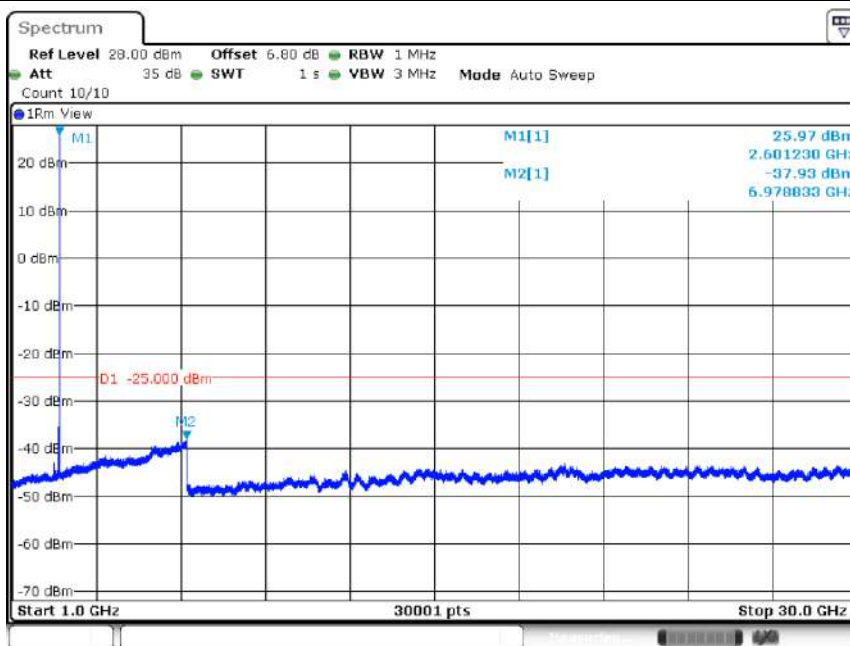


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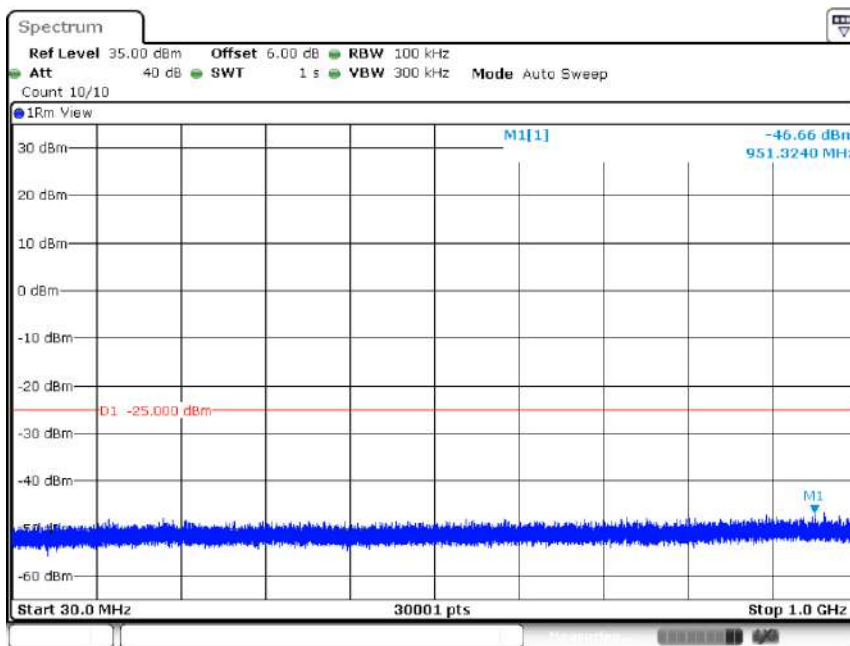
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Band38-20MHz-64QAM-38150-1RB#0-Range2:1000~30000MHz



Date: 13 DEC. 2020 21:49:31

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



Date: 13 DEC. 2020 21:27:08

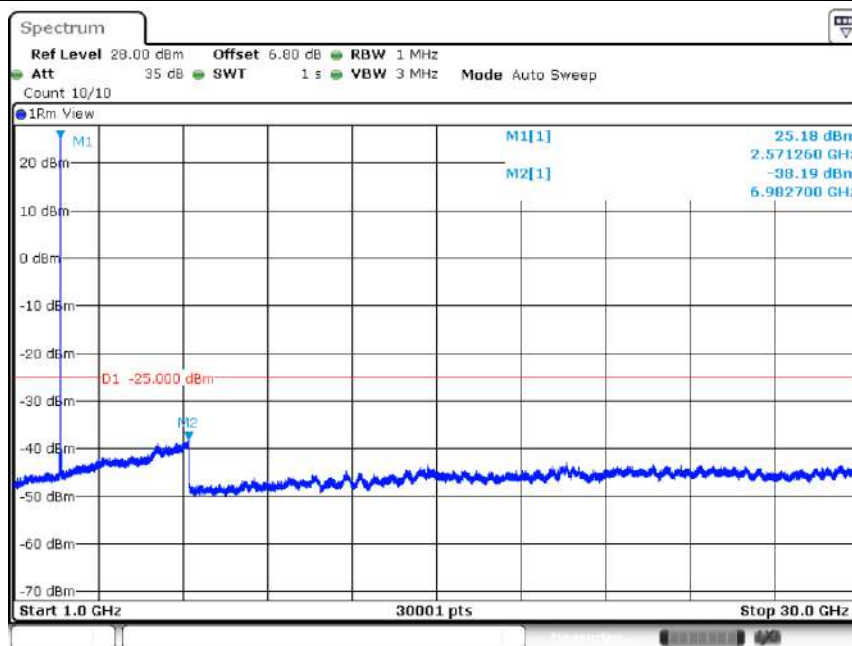


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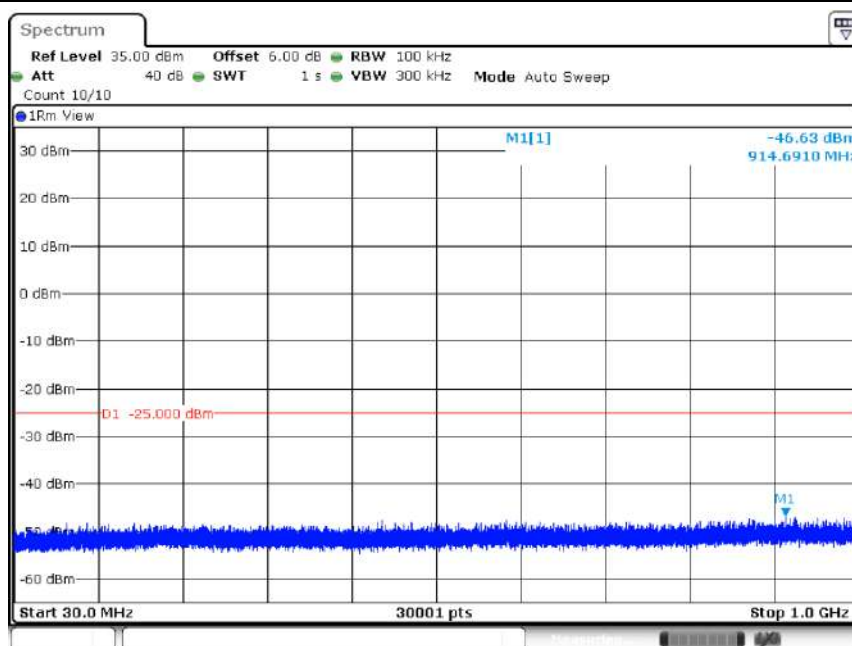
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Band38-20MHz-16QAM-37850-1RB#0-Range2:1000~30000MHz



Date: 13 DEC 2020 21:27:24

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



Date: 13 DEC 2020 21:28:18



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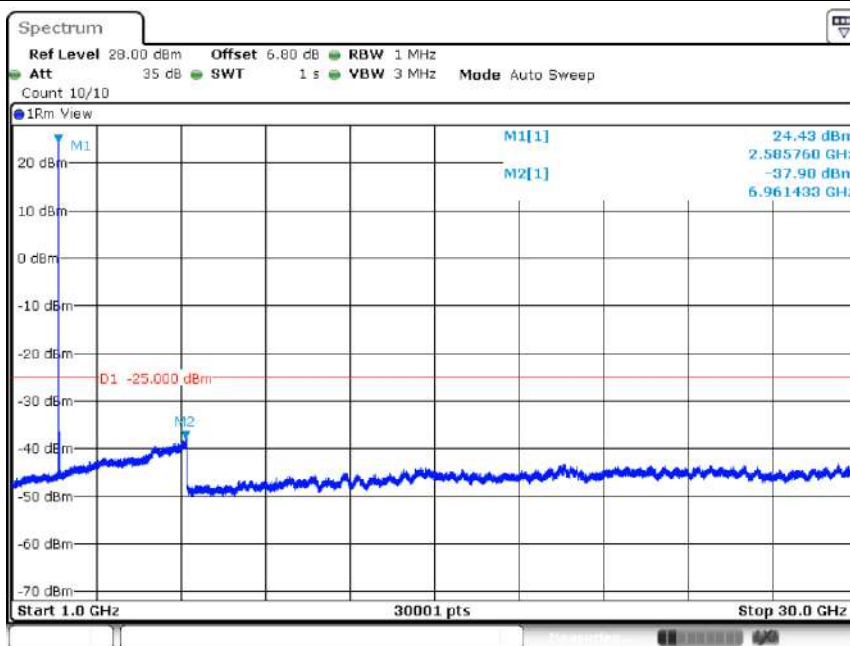
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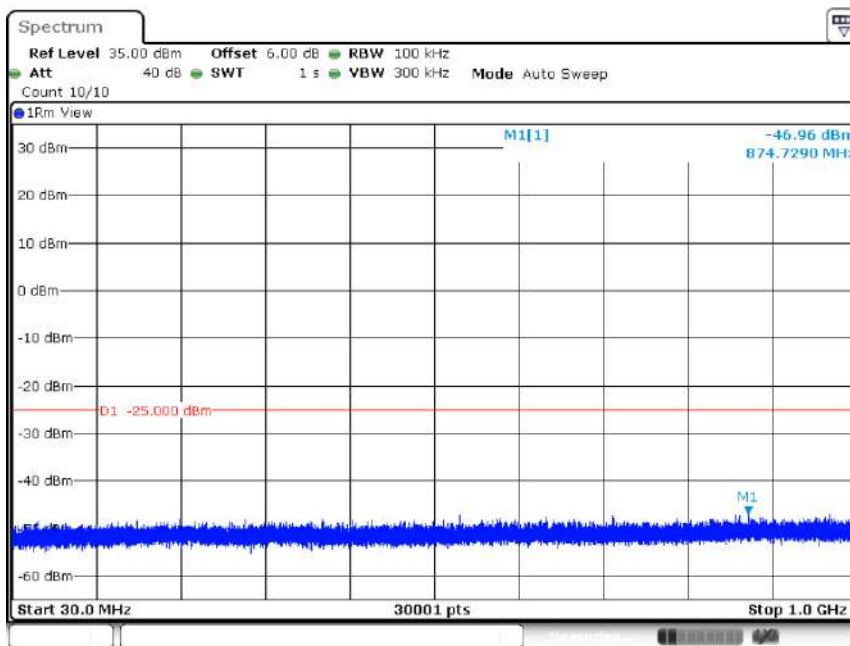
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Band38-20MHz-16QAM-38000-1RB#0-Range2:1000~30000MHz



Date: 13 DEC. 2020 21:28:35

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



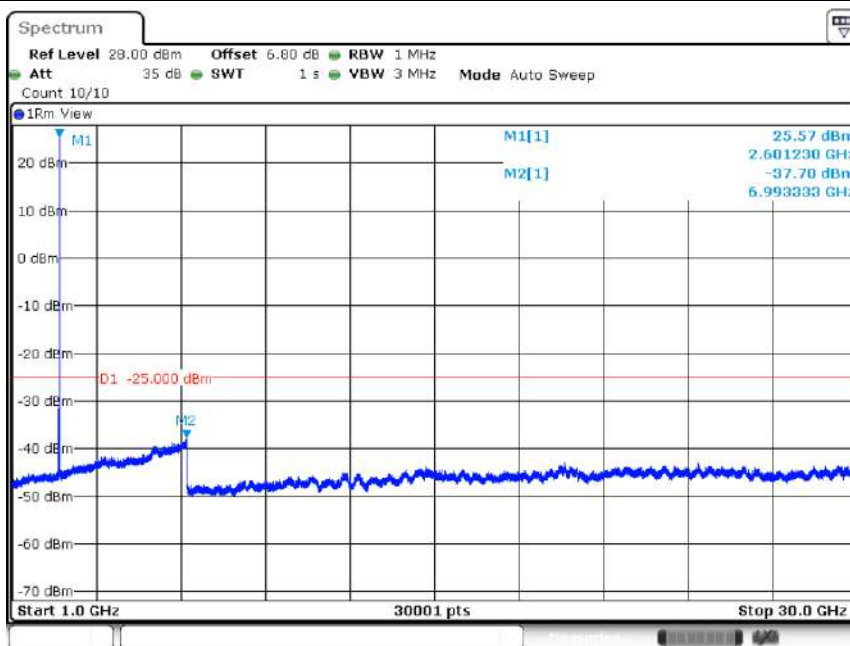
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Band38-20MHz-16QAM-38150-1RB#0-Range2:1000~30000MHz



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7. Field Strength of Spurious Radiation

7.1. Test Mode =LTE/TM1 20MHz(ANT4)

7.1.1.Test Channel = LCH

Frequency (MHz)	Level (dBm)	Limit Line (dBm)	Margin (dB)	Height [cm]	Angle [°]	Polarization
64.050000	-79.84	-25.00	54.84	175	48	Vertical
125.000000	-83.24	-25.00	58.24	174	1	Vertical
334.750000	-84.71	-25.00	59.71	248	48	Vertical
4830.075000	-64.84	-25.00	39.84	232	298	Vertical
7034.550000	-62.90	-25.00	37.90	255	106	Vertical
10284.225000	-59.98	-25.00	34.98	243	230	Vertical
62.700000	-75.88	-25.00	50.88	222	68	Horizontal
91.200000	-86.01	-25.00	61.01	193	169	Horizontal
268.350000	-84.97	-25.00	59.97	186	178	Horizontal
4430.325000	-64.99	-25.00	39.99	220	0	Horizontal
7065.100000	-62.91	-25.00	37.91	209	0	Horizontal
10284.225000	-58.62	-25.00	33.62	162	179	Horizontal

7.1.2.Test Channel = MCH

Frequency (MHz)	Level (dBm)	Limit Line (dBm)	Margin (dB)	Height [cm]	Angle [°]	Polarization
64.150000	-79.83	-25.00	54.83	268	1	Vertical
125.000000	-82.99	-25.00	57.99	274	350	Vertical
340.900000	-84.45	-25.00	59.45	212	1	Vertical
4347.775000	-65.40	-25.00	40.40	206	275	Vertical
6706.950000	-63.40	-25.00	38.40	266	162	Vertical
10646.600000	-60.71	-25.00	35.71	282	241	Vertical
63.100000	-75.71	-25.00	50.71	266	38	Horizontal
208.300000	-85.68	-25.00	60.68	224	159	Horizontal
611.104167	-80.68	-25.00	55.68	211	25	Horizontal
4300.650000	-65.02	-25.00	40.02	217	14	Horizontal
6667.950000	-64.23	-25.00	39.23	287	37	Horizontal
10344.350000	-58.94	-25.00	33.94	287	153	Horizontal



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7.1.3. Test Channel = HCH

Frequency (MHz)	Level (dBm)	Limit Line (dBm)	Margin (dB)	Height [cm]	Angle [°]	Polarization
55.000000	-78.39	-25.00	53.39	223	171	Vertical
125.000000	-82.95	-25.00	57.95	160	280	Vertical
347.300000	-84.34	-25.00	59.34	282	0	Vertical
4240.200000	-65.32	-25.00	40.32	163	48	Vertical
7803.175000	-60.12	-25.00	35.12	228	207	Vertical
10404.475000	-58.86	-25.00	33.86	288	161	Vertical
62.350000	-75.15	-25.00	50.15	228	31	Horizontal
91.150000	-85.99	-25.00	60.99	210	161	Horizontal
320.700000	-85.21	-25.00	60.21	284	179	Horizontal
4304.225000	-65.03	-25.00	40.03	260	178	Horizontal
7064.450000	-62.85	-25.00	37.85	256	38	Horizontal
10404.475000	-59.76	-25.00	34.76	227	178	Horizontal

7.2. Test Mode =LTE/TM1 20MHz(ANT3)

7.2.1. Test Channel = LCH

Frequency (MHz)	Level (dBm)	Limit Line (dBm)	Margin (dB)	Height [cm]	Angle [°]	Polarization
56.200000	-79.35	-25.00	54.35	173	0	Vertical
125.000000	-83.26	-25.00	58.26	229	263	Vertical
334.500000	-83.38	-25.00	58.38	210	81	Vertical
5142.075000	-61.72	-25.00	36.72	199	289	Vertical
7713.150000	-51.67	-25.00	26.67	293	0	Vertical
10284.875000	-58.73	-25.00	33.73	267	254	Vertical
62.350000	-75.46	-25.00	50.46	234	180	Horizontal
159.200000	-83.33	-25.00	58.33	211	149	Horizontal
297.300000	-82.66	-25.00	57.66	285	180	Horizontal
5142.400000	-63.85	-25.00	38.85	274	1	Horizontal
7712.825000	-60.99	-25.00	35.99	205	15	Horizontal
10601.425000	-61.00	-25.00	36.00	268	180	Horizontal



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7.2.2. Test Channel = MCH

Frequency (MHz)	Level (dBm)	Limit Line (dBm)	Margin (dB)	Height [cm]	Angle [°]	Polarization
64.450000	-79.48	-25.00	54.48	203	236	Vertical
125.000000	-82.89	-25.00	57.89	241	208	Vertical
330.800000	-83.72	-25.00	58.72	267	301	Vertical
5171.975000	-63.70	-25.00	38.70	160	210	Vertical
7758.325000	-51.66	-25.00	26.66	291	26	Vertical
10344.350000	-57.27	-25.00	32.27	207	0	Vertical
62.950000	-75.69	-25.00	50.69	258	179	Horizontal
159.200000	-83.81	-25.00	58.81	262	140	Horizontal
300.200000	-82.88	-25.00	57.88	288	180	Horizontal
5171.975000	-62.39	-25.00	37.39	281	2	Horizontal
7758.325000	-60.86	-25.00	35.86	231	2	Horizontal
10657.650000	-60.64	-25.00	35.64	256	177	Horizontal

7.2.3. Test Channel = HCH

Frequency (MHz)	Level (dBm)	Limit Line (dBm)	Margin (dB)	Height [cm]	Angle [°]	Polarization
64.450000	-79.71	-25.00	54.71	264	44	Vertical
335.600000	-82.60	-25.00	57.60	165	100	Vertical
6502.200000	-59.43	-25.00	34.43	236	334	Vertical
7803.175000	-56.45	-25.00	31.45	162	299	Vertical
9103.500000	-58.76	-25.00	33.76	151	323	Vertical
10404.475000	-55.71	-25.00	30.71	150	266	Vertical
62.400000	-75.28	-25.00	50.28	245	157	Horizontal
90.700000	-81.73	-25.00	56.73	251	139	Horizontal
299.300000	-83.79	-25.00	58.79	203	180	Horizontal
5201.875000	-62.69	-25.00	37.69	263	2	Horizontal
7309.175000	-62.65	-25.00	37.65	257	16	Horizontal
10667.400000	-60.60	-25.00	35.60	197	87	Horizontal

Remark:

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





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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