



Appendix B

E-UTRA Band 38



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1 Effective (Isotropic) Radiated Power

1.1. Test Result

ANT0:

Band	Bandwidth	Modulation	Channel	RB Config.	Result (dBm)	EIRP (dBm)	Limit (dBm)	Verdict
Band38	5MHz	QPSK	37775	1RB#0	22.62	19.70	33.00	PASS
Band38	5MHz	QPSK	37775	1RB#12	22.60	19.68	33.00	PASS
Band38	5MHz	QPSK	37775	1RB#24	22.60	19.68	33.00	PASS
Band38	5MHz	QPSK	37775	12RB#0	21.72	18.80	33.00	PASS
Band38	5MHz	QPSK	37775	12RB#6	21.71	18.79	33.00	PASS
Band38	5MHz	QPSK	37775	12RB#13	21.70	18.78	33.00	PASS
Band38	5MHz	QPSK	37775	25RB#0	21.73	18.81	33.00	PASS
Band38	5MHz	QPSK	38000	1RB#0	22.68	19.76	33.00	PASS
Band38	5MHz	QPSK	38000	1RB#12	22.70	19.78	33.00	PASS
Band38	5MHz	QPSK	38000	1RB#24	22.68	19.76	33.00	PASS
Band38	5MHz	QPSK	38000	12RB#0	21.74	18.82	33.00	PASS
Band38	5MHz	QPSK	38000	12RB#6	21.76	18.84	33.00	PASS
Band38	5MHz	QPSK	38000	12RB#13	21.76	18.84	33.00	PASS
Band38	5MHz	QPSK	38000	25RB#0	21.70	18.78	33.00	PASS
Band38	5MHz	QPSK	38225	1RB#0	22.85	19.93	33.00	PASS
Band38	5MHz	QPSK	38225	1RB#12	22.89	19.97	33.00	PASS
Band38	5MHz	QPSK	38225	1RB#24	22.70	19.78	33.00	PASS
Band38	5MHz	QPSK	38225	12RB#0	21.91	18.99	33.00	PASS
Band38	5MHz	QPSK	38225	12RB#6	21.80	18.88	33.00	PASS
Band38	5MHz	QPSK	38225	12RB#13	21.87	18.95	33.00	PASS
Band38	5MHz	QPSK	38225	25RB#0	21.87	18.95	33.00	PASS
Band38	5MHz	16QAM	37775	1RB#0	21.84	18.92	33.00	PASS
Band38	5MHz	16QAM	37775	1RB#12	21.79	18.87	33.00	PASS
Band38	5MHz	16QAM	37775	1RB#24	21.84	18.92	33.00	PASS
Band38	5MHz	16QAM	37775	12RB#0	20.75	17.83	33.00	PASS
Band38	5MHz	16QAM	37775	12RB#6	20.66	17.74	33.00	PASS
Band38	5MHz	16QAM	37775	12RB#13	20.65	17.73	33.00	PASS
Band38	5MHz	16QAM	37775	25RB#0	20.76	17.84	33.00	PASS
Band38	5MHz	16QAM	38000	1RB#0	21.76	18.84	33.00	PASS
Band38	5MHz	16QAM	38000	1RB#12	21.95	19.03	33.00	PASS
Band38	5MHz	16QAM	38000	1RB#24	21.93	19.01	33.00	PASS



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Band38	5MHz	16QAM	38000	12RB#0	20.77	17.85	33.00	PASS
Band38	5MHz	16QAM	38000	12RB#6	20.68	17.76	33.00	PASS
Band38	5MHz	16QAM	38000	12RB#13	20.78	17.86	33.00	PASS
Band38	5MHz	16QAM	38000	25RB#0	20.77	17.85	33.00	PASS
Band38	5MHz	16QAM	38225	1RB#0	22.07	19.15	33.00	PASS
Band38	5MHz	16QAM	38225	1RB#12	22.11	19.19	33.00	PASS
Band38	5MHz	16QAM	38225	1RB#24	22.08	19.16	33.00	PASS
Band38	5MHz	16QAM	38225	12RB#0	20.81	17.89	33.00	PASS
Band38	5MHz	16QAM	38225	12RB#6	20.87	17.95	33.00	PASS
Band38	5MHz	16QAM	38225	12RB#13	20.88	17.96	33.00	PASS
Band38	5MHz	16QAM	38225	25RB#0	20.84	17.92	33.00	PASS
Band38	5MHz	64QAM	37775	1RB#0	20.31	17.39	33.00	PASS
Band38	5MHz	64QAM	37775	1RB#12	20.34	17.42	33.00	PASS
Band38	5MHz	64QAM	37775	1RB#24	20.41	17.49	33.00	PASS
Band38	5MHz	64QAM	37775	12RB#0	19.38	16.46	33.00	PASS
Band38	5MHz	64QAM	37775	12RB#6	19.44	16.52	33.00	PASS
Band38	5MHz	64QAM	37775	12RB#13	19.31	16.39	33.00	PASS
Band38	5MHz	64QAM	37775	25RB#0	19.30	16.38	33.00	PASS
Band38	5MHz	64QAM	38000	1RB#0	20.68	17.76	33.00	PASS
Band38	5MHz	64QAM	38000	1RB#12	20.71	17.79	33.00	PASS
Band38	5MHz	64QAM	38000	1RB#24	20.60	17.68	33.00	PASS
Band38	5MHz	64QAM	38000	12RB#0	19.57	16.65	33.00	PASS
Band38	5MHz	64QAM	38000	12RB#6	19.67	16.75	33.00	PASS
Band38	5MHz	64QAM	38000	12RB#13	19.72	16.80	33.00	PASS
Band38	5MHz	64QAM	38000	25RB#0	19.66	16.74	33.00	PASS
Band38	5MHz	64QAM	38225	1RB#0	20.71	17.79	33.00	PASS
Band38	5MHz	64QAM	38225	1RB#12	20.72	17.80	33.00	PASS
Band38	5MHz	64QAM	38225	1RB#24	20.56	17.64	33.00	PASS
Band38	5MHz	64QAM	38225	12RB#0	19.62	16.70	33.00	PASS
Band38	5MHz	64QAM	38225	12RB#6	19.88	16.96	33.00	PASS
Band38	5MHz	64QAM	38225	12RB#13	19.78	16.86	33.00	PASS
Band38	5MHz	64QAM	38225	25RB#0	19.65	16.73	33.00	PASS
Band38	5MHz	256QAM	37775	1RB#0	17.35	14.43	33.00	PASS
Band38	5MHz	256QAM	37775	1RB#12	17.39	14.47	33.00	PASS
Band38	5MHz	256QAM	37775	1RB#24	17.21	14.29	33.00	PASS
Band38	5MHz	256QAM	37775	12RB#0	17.18	14.26	33.00	PASS
Band38	5MHz	256QAM	37775	12RB#6	17.36	14.44	33.00	PASS
Band38	5MHz	256QAM	37775	12RB#13	17.27	14.35	33.00	PASS



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Band38	5MHz	256QAM	37775	25RB#0	17.22	14.30	33.00	PASS
Band38	5MHz	256QAM	38000	1RB#0	17.44	14.52	33.00	PASS
Band38	5MHz	256QAM	38000	1RB#12	17.61	14.69	33.00	PASS
Band38	5MHz	256QAM	38000	1RB#24	17.55	14.63	33.00	PASS
Band38	5MHz	256QAM	38000	12RB#0	17.67	14.75	33.00	PASS
Band38	5MHz	256QAM	38000	12RB#6	17.6	14.68	33.00	PASS
Band38	5MHz	256QAM	38000	12RB#13	17.58	14.66	33.00	PASS
Band38	5MHz	256QAM	38000	25RB#0	17.71	14.79	33.00	PASS
Band38	5MHz	256QAM	38225	1RB#0	17.46	14.54	33.00	PASS
Band38	5MHz	256QAM	38225	1RB#12	17.81	14.89	33.00	PASS
Band38	5MHz	256QAM	38225	1RB#24	17.62	14.70	33.00	PASS
Band38	5MHz	256QAM	38225	12RB#0	17.62	14.70	33.00	PASS
Band38	5MHz	256QAM	38225	12RB#6	17.78	14.86	33.00	PASS
Band38	5MHz	256QAM	38225	12RB#13	17.65	14.73	33.00	PASS
Band38	5MHz	256QAM	38225	25RB#0	17.56	14.64	33.00	PASS
Band38	10MHz	QPSK	37800	1RB#0	22.58	19.66	33.00	PASS
Band38	10MHz	QPSK	37800	1RB#24	22.60	19.68	33.00	PASS
Band38	10MHz	QPSK	37800	1RB#49	22.58	19.66	33.00	PASS
Band38	10MHz	QPSK	37800	25RB#0	21.66	18.74	33.00	PASS
Band38	10MHz	QPSK	37800	25RB#12	21.74	18.82	33.00	PASS
Band38	10MHz	QPSK	37800	25RB#25	21.63	18.71	33.00	PASS
Band38	10MHz	QPSK	37800	50RB#0	21.65	18.73	33.00	PASS
Band38	10MHz	QPSK	38000	1RB#0	22.60	19.68	33.00	PASS
Band38	10MHz	QPSK	38000	1RB#24	22.65	19.73	33.00	PASS
Band38	10MHz	QPSK	38000	1RB#49	22.51	19.59	33.00	PASS
Band38	10MHz	QPSK	38000	25RB#0	21.65	18.73	33.00	PASS
Band38	10MHz	QPSK	38000	25RB#12	21.76	18.84	33.00	PASS
Band38	10MHz	QPSK	38000	25RB#25	21.85	18.93	33.00	PASS
Band38	10MHz	QPSK	38000	50RB#0	21.65	18.73	33.00	PASS
Band38	10MHz	QPSK	38200	1RB#0	22.67	19.75	33.00	PASS
Band38	10MHz	QPSK	38200	1RB#24	22.67	19.75	33.00	PASS
Band38	10MHz	QPSK	38200	1RB#49	22.78	19.86	33.00	PASS
Band38	10MHz	QPSK	38200	25RB#0	21.78	18.86	33.00	PASS
Band38	10MHz	QPSK	38200	25RB#12	21.76	18.84	33.00	PASS
Band38	10MHz	QPSK	38200	25RB#25	21.80	18.88	33.00	PASS
Band38	10MHz	QPSK	38200	50RB#0	21.83	18.91	33.00	PASS
Band38	10MHz	16QAM	37800	1RB#0	21.73	18.81	33.00	PASS
Band38	10MHz	16QAM	37800	1RB#24	21.79	18.87	33.00	PASS



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Band38	10MHz	16QAM	37800	1RB#49	21.66	18.74	33.00	PASS
Band38	10MHz	16QAM	37800	25RB#0	20.54	17.62	33.00	PASS
Band38	10MHz	16QAM	37800	25RB#12	20.84	17.92	33.00	PASS
Band38	10MHz	16QAM	37800	25RB#25	20.73	17.81	33.00	PASS
Band38	10MHz	16QAM	37800	50RB#0	20.76	17.84	33.00	PASS
Band38	10MHz	16QAM	38000	1RB#0	21.78	18.86	33.00	PASS
Band38	10MHz	16QAM	38000	1RB#24	21.69	18.77	33.00	PASS
Band38	10MHz	16QAM	38000	1RB#49	21.82	18.90	33.00	PASS
Band38	10MHz	16QAM	38000	25RB#0	20.80	17.88	33.00	PASS
Band38	10MHz	16QAM	38000	25RB#12	20.63	17.71	33.00	PASS
Band38	10MHz	16QAM	38000	25RB#25	20.81	17.89	33.00	PASS
Band38	10MHz	16QAM	38000	50RB#0	20.83	17.91	33.00	PASS
Band38	10MHz	16QAM	38200	1RB#0	21.79	18.87	33.00	PASS
Band38	10MHz	16QAM	38200	1RB#24	21.92	19.00	33.00	PASS
Band38	10MHz	16QAM	38200	1RB#49	22.00	19.08	33.00	PASS
Band38	10MHz	16QAM	38200	25RB#0	20.86	17.94	33.00	PASS
Band38	10MHz	16QAM	38200	25RB#12	20.83	17.91	33.00	PASS
Band38	10MHz	16QAM	38200	25RB#25	20.97	18.05	33.00	PASS
Band38	10MHz	16QAM	38200	50RB#0	20.82	17.90	33.00	PASS
Band38	10MHz	64QAM	37800	1RB#0	20.30	17.38	33.00	PASS
Band38	10MHz	64QAM	37800	1RB#24	20.33	17.41	33.00	PASS
Band38	10MHz	64QAM	37800	1RB#49	20.31	17.39	33.00	PASS
Band38	10MHz	64QAM	37800	25RB#0	19.33	16.41	33.00	PASS
Band38	10MHz	64QAM	37800	25RB#12	19.44	16.52	33.00	PASS
Band38	10MHz	64QAM	37800	25RB#25	19.35	16.43	33.00	PASS
Band38	10MHz	64QAM	37800	50RB#0	19.31	16.39	33.00	PASS
Band38	10MHz	64QAM	38000	1RB#0	20.69	17.77	33.00	PASS
Band38	10MHz	64QAM	38000	1RB#24	20.62	17.70	33.00	PASS
Band38	10MHz	64QAM	38000	1RB#49	20.54	17.62	33.00	PASS
Band38	10MHz	64QAM	38000	25RB#0	19.58	16.66	33.00	PASS
Band38	10MHz	64QAM	38000	25RB#12	19.66	16.74	33.00	PASS
Band38	10MHz	64QAM	38000	25RB#25	19.73	16.81	33.00	PASS
Band38	10MHz	64QAM	38000	50RB#0	19.72	16.80	33.00	PASS
Band38	10MHz	64QAM	38200	1RB#0	20.69	17.77	33.00	PASS
Band38	10MHz	64QAM	38200	1RB#24	20.72	17.80	33.00	PASS
Band38	10MHz	64QAM	38200	1RB#49	20.59	17.67	33.00	PASS
Band38	10MHz	64QAM	38200	25RB#0	19.61	16.69	33.00	PASS
Band38	10MHz	64QAM	38200	25RB#12	19.80	16.88	33.00	PASS



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Band38	10MHz	64QAM	38200	25RB#25	19.70	16.78	33.00	PASS
Band38	10MHz	64QAM	38200	50RB#0	19.61	16.69	33.00	PASS
Band38	10MHz	256QAM	37800	1RB#0	17.36	14.44	33.00	PASS
Band38	10MHz	256QAM	37800	1RB#24	17.40	14.48	33.00	PASS
Band38	10MHz	256QAM	37800	1RB#49	17.23	14.31	33.00	PASS
Band38	10MHz	256QAM	37800	25RB#0	17.13	14.21	33.00	PASS
Band38	10MHz	256QAM	37800	25RB#12	17.39	14.47	33.00	PASS
Band38	10MHz	256QAM	37800	25RB#25	17.23	14.31	33.00	PASS
Band38	10MHz	256QAM	37800	50RB#0	17.19	14.27	33.00	PASS
Band38	10MHz	256QAM	38000	1RB#0	17.48	14.56	33.00	PASS
Band38	10MHz	256QAM	38000	1RB#24	17.64	14.72	33.00	PASS
Band38	10MHz	256QAM	38000	1RB#49	17.59	14.67	33.00	PASS
Band38	10MHz	256QAM	38000	25RB#0	17.64	14.72	33.00	PASS
Band38	10MHz	256QAM	38000	25RB#12	17.64	14.72	33.00	PASS
Band38	10MHz	256QAM	38000	25RB#25	17.53	14.61	33.00	PASS
Band38	10MHz	256QAM	38000	50RB#0	17.69	14.77	33.00	PASS
Band38	10MHz	256QAM	38200	1RB#0	17.52	14.60	33.00	PASS
Band38	10MHz	256QAM	38200	1RB#24	17.78	14.86	33.00	PASS
Band38	10MHz	256QAM	38200	1RB#49	17.66	14.74	33.00	PASS
Band38	10MHz	256QAM	38200	25RB#0	17.60	14.68	33.00	PASS
Band38	10MHz	256QAM	38200	25RB#12	17.73	14.81	33.00	PASS
Band38	10MHz	256QAM	38200	25RB#25	17.66	14.74	33.00	PASS
Band38	10MHz	256QAM	38200	50RB#0	17.55	14.63	33.00	PASS
Band38	15MHz	QPSK	37825	1RB#0	22.51	19.59	33.00	PASS
Band38	15MHz	QPSK	37825	1RB#38	22.37	19.45	33.00	PASS
Band38	15MHz	QPSK	37825	1RB#74	22.38	19.46	33.00	PASS
Band38	15MHz	QPSK	37825	38RB#0	21.61	18.69	33.00	PASS
Band38	15MHz	QPSK	37825	38RB#18	21.64	18.72	33.00	PASS
Band38	15MHz	QPSK	37825	38RB#37	21.57	18.65	33.00	PASS
Band38	15MHz	QPSK	37825	75RB#0	21.61	18.69	33.00	PASS
Band38	15MHz	QPSK	38000	1RB#0	22.48	19.56	33.00	PASS
Band38	15MHz	QPSK	38000	1RB#38	22.49	19.57	33.00	PASS
Band38	15MHz	QPSK	38000	1RB#74	22.60	19.68	33.00	PASS
Band38	15MHz	QPSK	38000	38RB#0	21.57	18.65	33.00	PASS
Band38	15MHz	QPSK	38000	38RB#18	21.55	18.63	33.00	PASS
Band38	15MHz	QPSK	38000	38RB#37	21.65	18.73	33.00	PASS
Band38	15MHz	QPSK	38000	75RB#0	21.51	18.59	33.00	PASS
Band38	15MHz	QPSK	38175	1RB#0	22.59	19.67	33.00	PASS



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Band38	15MHz	QPSK	38175	1RB#38	22.56	19.64	33.00	PASS
Band38	15MHz	QPSK	38175	1RB#74	22.54	19.62	33.00	PASS
Band38	15MHz	QPSK	38175	38RB#0	21.65	18.73	33.00	PASS
Band38	15MHz	QPSK	38175	38RB#18	21.65	18.73	33.00	PASS
Band38	15MHz	QPSK	38175	38RB#37	21.66	18.74	33.00	PASS
Band38	15MHz	QPSK	38175	75RB#0	21.70	18.78	33.00	PASS
Band38	15MHz	16QAM	37825	1RB#0	21.62	18.70	33.00	PASS
Band38	15MHz	16QAM	37825	1RB#38	21.73	18.81	33.00	PASS
Band38	15MHz	16QAM	37825	1RB#74	21.74	18.82	33.00	PASS
Band38	15MHz	16QAM	37825	38RB#0	20.62	17.70	33.00	PASS
Band38	15MHz	16QAM	37825	38RB#18	20.56	17.64	33.00	PASS
Band38	15MHz	16QAM	37825	38RB#37	20.58	17.66	33.00	PASS
Band38	15MHz	16QAM	37825	75RB#0	20.67	17.75	33.00	PASS
Band38	15MHz	16QAM	38000	1RB#0	21.77	18.85	33.00	PASS
Band38	15MHz	16QAM	38000	1RB#38	21.82	18.90	33.00	PASS
Band38	15MHz	16QAM	38000	1RB#74	21.81	18.89	33.00	PASS
Band38	15MHz	16QAM	38000	38RB#0	20.56	17.64	33.00	PASS
Band38	15MHz	16QAM	38000	38RB#18	20.56	17.64	33.00	PASS
Band38	15MHz	16QAM	38000	38RB#37	20.66	17.74	33.00	PASS
Band38	15MHz	16QAM	38000	75RB#0	20.56	17.64	33.00	PASS
Band38	15MHz	16QAM	38175	1RB#0	21.79	18.87	33.00	PASS
Band38	15MHz	16QAM	38175	1RB#38	21.77	18.85	33.00	PASS
Band38	15MHz	16QAM	38175	1RB#74	21.85	18.93	33.00	PASS
Band38	15MHz	16QAM	38175	38RB#0	20.66	17.74	33.00	PASS
Band38	15MHz	16QAM	38175	38RB#18	20.65	17.73	33.00	PASS
Band38	15MHz	16QAM	38175	38RB#37	20.65	17.73	33.00	PASS
Band38	15MHz	16QAM	38175	75RB#0	20.74	17.82	33.00	PASS
Band38	15MHz	64QAM	37825	1RB#0	20.37	17.45	33.00	PASS
Band38	15MHz	64QAM	37825	1RB#38	20.35	17.43	33.00	PASS
Band38	15MHz	64QAM	37825	1RB#74	20.38	17.46	33.00	PASS
Band38	15MHz	64QAM	37825	38RB#0	19.35	16.43	33.00	PASS
Band38	15MHz	64QAM	37825	38RB#18	19.42	16.50	33.00	PASS
Band38	15MHz	64QAM	37825	38RB#37	19.33	16.41	33.00	PASS
Band38	15MHz	64QAM	37825	75RB#0	19.24	16.32	33.00	PASS
Band38	15MHz	64QAM	38000	1RB#0	20.64	17.72	33.00	PASS
Band38	15MHz	64QAM	38000	1RB#38	20.64	17.72	33.00	PASS
Band38	15MHz	64QAM	38000	1RB#74	20.55	17.63	33.00	PASS
Band38	15MHz	64QAM	38000	38RB#0	19.64	16.72	33.00	PASS



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Band38	15MHz	64QAM	38000	38RB#18	19.62	16.70	33.00	PASS
Band38	15MHz	64QAM	38000	38RB#37	19.64	16.72	33.00	PASS
Band38	15MHz	64QAM	38000	75RB#0	19.69	16.77	33.00	PASS
Band38	15MHz	64QAM	38175	1RB#0	20.77	17.85	33.00	PASS
Band38	15MHz	64QAM	38175	1RB#38	20.73	17.81	33.00	PASS
Band38	15MHz	64QAM	38175	1RB#74	20.56	17.64	33.00	PASS
Band38	15MHz	64QAM	38175	38RB#0	19.63	16.71	33.00	PASS
Band38	15MHz	64QAM	38175	38RB#18	19.90	16.98	33.00	PASS
Band38	15MHz	64QAM	38175	38RB#37	19.75	16.83	33.00	PASS
Band38	15MHz	64QAM	38175	75RB#0	19.65	16.73	33.00	PASS
Band38	15MHz	256QAM	37825	1RB#0	17.36	14.44	33.00	PASS
Band38	15MHz	256QAM	37825	1RB#38	17.35	14.43	33.00	PASS
Band38	15MHz	256QAM	37825	1RB#74	17.23	14.31	33.00	PASS
Band38	15MHz	256QAM	37825	38RB#0	17.13	14.21	33.00	PASS
Band38	15MHz	256QAM	37825	38RB#18	17.38	14.46	33.00	PASS
Band38	15MHz	256QAM	37825	38RB#37	17.25	14.33	33.00	PASS
Band38	15MHz	256QAM	37825	75RB#0	17.21	14.29	33.00	PASS
Band38	15MHz	256QAM	38000	1RB#0	17.44	14.52	33.00	PASS
Band38	15MHz	256QAM	38000	1RB#38	17.62	14.70	33.00	PASS
Band38	15MHz	256QAM	38000	1RB#74	17.60	14.68	33.00	PASS
Band38	15MHz	256QAM	38000	38RB#0	17.64	14.72	33.00	PASS
Band38	15MHz	256QAM	38000	38RB#18	17.65	14.73	33.00	PASS
Band38	15MHz	256QAM	38000	38RB#37	17.56	14.64	33.00	PASS
Band38	15MHz	256QAM	38000	75RB#0	17.68	14.76	33.00	PASS
Band38	15MHz	256QAM	38175	1RB#0	17.51	14.59	33.00	PASS
Band38	15MHz	256QAM	38175	1RB#38	17.79	14.87	33.00	PASS
Band38	15MHz	256QAM	38175	1RB#74	17.62	14.70	33.00	PASS
Band38	15MHz	256QAM	38175	38RB#0	17.61	14.69	33.00	PASS
Band38	15MHz	256QAM	38175	38RB#18	17.74	14.82	33.00	PASS
Band38	15MHz	256QAM	38175	38RB#37	17.64	14.72	33.00	PASS
Band38	15MHz	256QAM	38175	75RB#0	17.60	14.68	33.00	PASS
Band38	20MHz	QPSK	37850	1RB#0	22.58	19.66	33.00	PASS
Band38	20MHz	QPSK	37850	1RB#49	22.36	19.44	33.00	PASS
Band38	20MHz	QPSK	37850	1RB#99	22.66	19.74	33.00	PASS
Band38	20MHz	QPSK	37850	50RB#0	21.53	18.61	33.00	PASS
Band38	20MHz	QPSK	37850	50RB#25	21.56	18.64	33.00	PASS
Band38	20MHz	QPSK	37850	50RB#50	21.55	18.63	33.00	PASS
Band38	20MHz	QPSK	37850	100RB#0	21.56	18.64	33.00	PASS



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Band38	20MHz	QPSK	38000	1RB#0	22.76	19.84	33.00	PASS
Band38	20MHz	QPSK	38000	1RB#49	22.61	19.69	33.00	PASS
Band38	20MHz	QPSK	38000	1RB#99	22.59	19.67	33.00	PASS
Band38	20MHz	QPSK	38000	50RB#0	21.52	18.60	33.00	PASS
Band38	20MHz	QPSK	38000	50RB#25	21.49	18.57	33.00	PASS
Band38	20MHz	QPSK	38000	50RB#50	21.59	18.67	33.00	PASS
Band38	20MHz	QPSK	38000	100RB#0	21.61	18.69	33.00	PASS
Band38	20MHz	QPSK	38150	1RB#0	22.65	19.73	33.00	PASS
Band38	20MHz	QPSK	38150	1RB#49	22.47	19.55	33.00	PASS
Band38	20MHz	QPSK	38150	1RB#99	22.69	19.77	33.00	PASS
Band38	20MHz	QPSK	38150	50RB#0	21.60	18.68	33.00	PASS
Band38	20MHz	QPSK	38150	50RB#25	21.67	18.75	33.00	PASS
Band38	20MHz	QPSK	38150	50RB#50	21.77	18.85	33.00	PASS
Band38	20MHz	QPSK	38150	100RB#0	21.59	18.67	33.00	PASS
Band38	20MHz	16QAM	37850	1RB#0	21.74	18.82	33.00	PASS
Band38	20MHz	16QAM	37850	1RB#49	21.62	18.70	33.00	PASS
Band38	20MHz	16QAM	37850	1RB#99	21.65	18.73	33.00	PASS
Band38	20MHz	16QAM	37850	50RB#0	20.56	17.64	33.00	PASS
Band38	20MHz	16QAM	37850	50RB#25	20.57	17.65	33.00	PASS
Band38	20MHz	16QAM	37850	50RB#50	20.63	17.71	33.00	PASS
Band38	20MHz	16QAM	37850	100RB#0	20.67	17.75	33.00	PASS
Band38	20MHz	16QAM	38000	1RB#0	21.76	18.84	33.00	PASS
Band38	20MHz	16QAM	38000	1RB#49	21.75	18.83	33.00	PASS
Band38	20MHz	16QAM	38000	1RB#99	21.81	18.89	33.00	PASS
Band38	20MHz	16QAM	38000	50RB#0	20.58	17.66	33.00	PASS
Band38	20MHz	16QAM	38000	50RB#25	20.67	17.75	33.00	PASS
Band38	20MHz	16QAM	38000	50RB#50	20.65	17.73	33.00	PASS
Band38	20MHz	16QAM	38000	100RB#0	20.67	17.75	33.00	PASS
Band38	20MHz	16QAM	38150	1RB#0	21.86	18.94	33.00	PASS
Band38	20MHz	16QAM	38150	1RB#49	21.70	18.78	33.00	PASS
Band38	20MHz	16QAM	38150	1RB#99	21.74	18.82	33.00	PASS
Band38	20MHz	16QAM	38150	50RB#0	20.65	17.73	33.00	PASS
Band38	20MHz	16QAM	38150	50RB#25	20.73	17.81	33.00	PASS
Band38	20MHz	16QAM	38150	50RB#50	20.65	17.73	33.00	PASS
Band38	20MHz	16QAM	38150	100RB#0	20.65	17.73	33.00	PASS
Band38	20MHz	64QAM	37850	1RB#0	20.40	17.48	33.00	PASS
Band38	20MHz	64QAM	37850	1RB#49	20.33	17.41	33.00	PASS
Band38	20MHz	64QAM	37850	1RB#99	20.40	17.48	33.00	PASS



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Band38	20MHz	64QAM	37850	50RB#0	19.43	16.51	33.00	PASS
Band38	20MHz	64QAM	37850	50RB#25	19.40	16.48	33.00	PASS
Band38	20MHz	64QAM	37850	50RB#50	19.32	16.40	33.00	PASS
Band38	20MHz	64QAM	37850	100RB#0	19.21	16.29	33.00	PASS
Band38	20MHz	64QAM	38000	1RB#0	20.68	17.76	33.00	PASS
Band38	20MHz	64QAM	38000	1RB#49	20.66	17.74	33.00	PASS
Band38	20MHz	64QAM	38000	1RB#99	20.53	17.61	33.00	PASS
Band38	20MHz	64QAM	38000	50RB#0	19.55	16.63	33.00	PASS
Band38	20MHz	64QAM	38000	50RB#25	19.65	16.73	33.00	PASS
Band38	20MHz	64QAM	38000	50RB#50	19.65	16.73	33.00	PASS
Band38	20MHz	64QAM	38000	100RB#0	19.72	16.80	33.00	PASS
Band38	20MHz	64QAM	38150	1RB#0	20.69	17.77	33.00	PASS
Band38	20MHz	64QAM	38150	1RB#49	20.68	17.76	33.00	PASS
Band38	20MHz	64QAM	38150	1RB#99	20.58	17.66	33.00	PASS
Band38	20MHz	64QAM	38150	50RB#0	19.58	16.66	33.00	PASS
Band38	20MHz	64QAM	38150	50RB#25	19.85	16.93	33.00	PASS
Band38	20MHz	64QAM	38150	50RB#50	19.71	16.79	33.00	PASS
Band38	20MHz	64QAM	38150	100RB#0	19.64	16.72	33.00	PASS
Band38	20MHz	256QAM	37850	1RB#0	17.4	14.48	33.00	PASS
Band38	20MHz	256QAM	37850	1RB#49	17.43	14.51	33.00	PASS
Band38	20MHz	256QAM	37850	1RB#99	17.29	14.37	33.00	PASS
Band38	20MHz	256QAM	37850	50RB#0	17.2	14.28	33.00	PASS
Band38	20MHz	256QAM	37850	50RB#25	17.41	14.49	33.00	PASS
Band38	20MHz	256QAM	37850	50RB#50	17.28	14.36	33.00	PASS
Band38	20MHz	256QAM	37850	100RB#0	17.24	14.32	33.00	PASS
Band38	20MHz	256QAM	38000	1RB#0	17.52	14.60	33.00	PASS
Band38	20MHz	256QAM	38000	1RB#49	17.67	14.75	33.00	PASS
Band38	20MHz	256QAM	38000	1RB#99	17.62	14.70	33.00	PASS
Band38	20MHz	256QAM	38000	50RB#0	17.72	14.80	33.00	PASS
Band38	20MHz	256QAM	38000	50RB#25	17.66	14.74	33.00	PASS
Band38	20MHz	256QAM	38000	50RB#50	17.59	14.67	33.00	PASS
Band38	20MHz	256QAM	38000	100RB#0	17.75	14.83	33.00	PASS
Band38	20MHz	256QAM	38150	1RB#0	17.53	14.61	33.00	PASS
Band38	20MHz	256QAM	38150	1RB#49	17.83	14.91	33.00	PASS
Band38	20MHz	256QAM	38150	1RB#99	17.70	14.78	33.00	PASS
Band38	20MHz	256QAM	38150	50RB#0	17.64	14.72	33.00	PASS
Band38	20MHz	256QAM	38150	50RB#25	17.80	14.88	33.00	PASS
Band38	20MHz	256QAM	38150	50RB#50	17.67	14.75	33.00	PASS



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Band38	20MHz	256QAM	38150	100RB#0	17.63	14.71	33.00	PASS
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ANT1:

Band	Bandwidth	Modulation	Channel	RB Config.	Result (dBm)	EIRP (dBm)	Limit (dBm)	Verdict
Band38	5MHz	QPSK	37775	1RB#0	22.08	19.33	33.00	PASS
Band38	5MHz	QPSK	37775	1RB#12	22.10	19.35	33.00	PASS
Band38	5MHz	QPSK	37775	1RB#24	22.24	19.49	33.00	PASS
Band38	5MHz	QPSK	37775	12RB#0	21.07	18.32	33.00	PASS
Band38	5MHz	QPSK	37775	12RB#6	21.13	18.38	33.00	PASS
Band38	5MHz	QPSK	37775	12RB#13	21.24	18.49	33.00	PASS
Band38	5MHz	QPSK	37775	25RB#0	21.26	18.51	33.00	PASS
Band38	5MHz	QPSK	38000	1RB#0	22.10	19.35	33.00	PASS
Band38	5MHz	QPSK	38000	1RB#12	22.25	19.50	33.00	PASS
Band38	5MHz	QPSK	38000	1RB#24	22.38	19.63	33.00	PASS
Band38	5MHz	QPSK	38000	12RB#0	21.12	18.37	33.00	PASS
Band38	5MHz	QPSK	38000	12RB#6	21.12	18.37	33.00	PASS
Band38	5MHz	QPSK	38000	12RB#13	21.22	18.47	33.00	PASS
Band38	5MHz	QPSK	38000	25RB#0	21.19	18.44	33.00	PASS
Band38	5MHz	QPSK	38225	1RB#0	22.02	19.27	33.00	PASS
Band38	5MHz	QPSK	38225	1RB#12	22.08	19.33	33.00	PASS
Band38	5MHz	QPSK	38225	1RB#24	22.28	19.53	33.00	PASS
Band38	5MHz	QPSK	38225	12RB#0	21.19	18.44	33.00	PASS
Band38	5MHz	QPSK	38225	12RB#6	21.19	18.44	33.00	PASS
Band38	5MHz	QPSK	38225	12RB#13	21.20	18.45	33.00	PASS
Band38	5MHz	QPSK	38225	25RB#0	21.18	18.43	33.00	PASS
Band38	5MHz	16QAM	37775	1RB#0	21.24	18.49	33.00	PASS
Band38	5MHz	16QAM	37775	1RB#12	21.26	18.51	33.00	PASS
Band38	5MHz	16QAM	37775	1RB#24	21.03	18.28	33.00	PASS
Band38	5MHz	16QAM	37775	12RB#0	20.30	17.55	33.00	PASS
Band38	5MHz	16QAM	37775	12RB#6	20.33	17.58	33.00	PASS
Band38	5MHz	16QAM	37775	12RB#13	20.14	17.39	33.00	PASS
Band38	5MHz	16QAM	37775	25RB#0	20.32	17.57	33.00	PASS
Band38	5MHz	16QAM	38000	1RB#0	21.57	18.82	33.00	PASS
Band38	5MHz	16QAM	38000	1RB#12	21.34	18.59	33.00	PASS
Band38	5MHz	16QAM	38000	1RB#24	21.16	18.41	33.00	PASS
Band38	5MHz	16QAM	38000	12RB#0	20.22	17.47	33.00	PASS
Band38	5MHz	16QAM	38000	12RB#6	20.39	17.64	33.00	PASS



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Band38	5MHz	16QAM	38000	12RB#13	20.18	17.43	33.00	PASS
Band38	5MHz	16QAM	38000	25RB#0	20.31	17.56	33.00	PASS
Band38	5MHz	16QAM	38225	1RB#0	21.28	18.53	33.00	PASS
Band38	5MHz	16QAM	38225	1RB#12	21.41	18.66	33.00	PASS
Band38	5MHz	16QAM	38225	1RB#24	21.17	18.42	33.00	PASS
Band38	5MHz	16QAM	38225	12RB#0	20.20	17.45	33.00	PASS
Band38	5MHz	16QAM	38225	12RB#6	20.30	17.55	33.00	PASS
Band38	5MHz	16QAM	38225	12RB#13	20.19	17.44	33.00	PASS
Band38	5MHz	16QAM	38225	25RB#0	20.12	17.37	33.00	PASS
Band38	5MHz	64QAM	37775	1RB#0	20.22	17.47	33.00	PASS
Band38	5MHz	64QAM	37775	1RB#12	20.19	17.44	33.00	PASS
Band38	5MHz	64QAM	37775	1RB#24	20.36	17.61	33.00	PASS
Band38	5MHz	64QAM	37775	12RB#0	19.92	17.17	33.00	PASS
Band38	5MHz	64QAM	37775	12RB#6	19.79	17.04	33.00	PASS
Band38	5MHz	64QAM	37775	12RB#13	20.00	17.25	33.00	PASS
Band38	5MHz	64QAM	37775	25RB#0	19.86	17.11	33.00	PASS
Band38	5MHz	64QAM	38000	1RB#0	20.18	17.43	33.00	PASS
Band38	5MHz	64QAM	38000	1RB#12	20.15	17.40	33.00	PASS
Band38	5MHz	64QAM	38000	1RB#24	20.27	17.52	33.00	PASS
Band38	5MHz	64QAM	38000	12RB#0	19.96	17.21	33.00	PASS
Band38	5MHz	64QAM	38000	12RB#6	19.86	17.11	33.00	PASS
Band38	5MHz	64QAM	38000	12RB#13	19.82	17.07	33.00	PASS
Band38	5MHz	64QAM	38000	25RB#0	19.93	17.18	33.00	PASS
Band38	5MHz	64QAM	38225	1RB#0	20.18	17.43	33.00	PASS
Band38	5MHz	64QAM	38225	1RB#12	20.20	17.45	33.00	PASS
Band38	5MHz	64QAM	38225	1RB#24	20.15	17.40	33.00	PASS
Band38	5MHz	64QAM	38225	12RB#0	19.87	17.12	33.00	PASS
Band38	5MHz	64QAM	38225	12RB#6	19.87	17.12	33.00	PASS
Band38	5MHz	64QAM	38225	12RB#13	19.69	16.94	33.00	PASS
Band38	5MHz	64QAM	38225	25RB#0	19.95	17.20	33.00	PASS
Band38	5MHz	256QAM	37775	1RB#0	18.07	15.32	33.00	PASS
Band38	5MHz	256QAM	37775	1RB#12	17.79	15.04	33.00	PASS
Band38	5MHz	256QAM	37775	1RB#24	18	15.25	33.00	PASS
Band38	5MHz	256QAM	37775	12RB#0	17.71	14.96	33.00	PASS
Band38	5MHz	256QAM	37775	12RB#6	17.81	15.06	33.00	PASS
Band38	5MHz	256QAM	37775	12RB#13	17.83	15.08	33.00	PASS
Band38	5MHz	256QAM	37775	25RB#0	17.68	14.93	33.00	PASS
Band38	5MHz	256QAM	38000	1RB#0	17.79	15.04	33.00	PASS



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Band38	5MHz	256QAM	38000	1RB#12	17.97	15.22	33.00	PASS
Band38	5MHz	256QAM	38000	1RB#24	17.81	15.06	33.00	PASS
Band38	5MHz	256QAM	38000	12RB#0	17.92	15.17	33.00	PASS
Band38	5MHz	256QAM	38000	12RB#6	17.86	15.11	33.00	PASS
Band38	5MHz	256QAM	38000	12RB#13	17.82	15.07	33.00	PASS
Band38	5MHz	256QAM	38000	25RB#0	17.88	15.13	33.00	PASS
Band38	5MHz	256QAM	38225	1RB#0	17.96	15.21	33.00	PASS
Band38	5MHz	256QAM	38225	1RB#12	17.80	15.05	33.00	PASS
Band38	5MHz	256QAM	38225	1RB#24	17.63	14.88	33.00	PASS
Band38	5MHz	256QAM	38225	12RB#0	17.90	15.15	33.00	PASS
Band38	5MHz	256QAM	38225	12RB#6	17.95	15.20	33.00	PASS
Band38	5MHz	256QAM	38225	12RB#13	17.69	14.94	33.00	PASS
Band38	5MHz	256QAM	38225	25RB#0	17.88	15.13	33.00	PASS
Band38	10MHz	QPSK	37800	1RB#0	22.00	19.25	33.00	PASS
Band38	10MHz	QPSK	37800	1RB#24	22.16	19.41	33.00	PASS
Band38	10MHz	QPSK	37800	1RB#49	22.16	19.41	33.00	PASS
Band38	10MHz	QPSK	37800	25RB#0	21.16	18.41	33.00	PASS
Band38	10MHz	QPSK	37800	25RB#12	21.15	18.40	33.00	PASS
Band38	10MHz	QPSK	37800	25RB#25	21.22	18.47	33.00	PASS
Band38	10MHz	QPSK	37800	50RB#0	21.16	18.41	33.00	PASS
Band38	10MHz	QPSK	38000	1RB#0	22.16	19.41	33.00	PASS
Band38	10MHz	QPSK	38000	1RB#24	22.23	19.48	33.00	PASS
Band38	10MHz	QPSK	38000	1RB#49	22.33	19.58	33.00	PASS
Band38	10MHz	QPSK	38000	25RB#0	21.17	18.42	33.00	PASS
Band38	10MHz	QPSK	38000	25RB#12	21.06	18.31	33.00	PASS
Band38	10MHz	QPSK	38000	25RB#25	21.22	18.47	33.00	PASS
Band38	10MHz	QPSK	38000	50RB#0	21.16	18.41	33.00	PASS
Band38	10MHz	QPSK	38200	1RB#0	22.10	19.35	33.00	PASS
Band38	10MHz	QPSK	38200	1RB#24	22.07	19.32	33.00	PASS
Band38	10MHz	QPSK	38200	1RB#49	22.28	19.53	33.00	PASS
Band38	10MHz	QPSK	38200	25RB#0	21.13	18.38	33.00	PASS
Band38	10MHz	QPSK	38200	25RB#12	21.12	18.37	33.00	PASS
Band38	10MHz	QPSK	38200	25RB#25	21.27	18.52	33.00	PASS
Band38	10MHz	QPSK	38200	50RB#0	21.21	18.46	33.00	PASS
Band38	10MHz	16QAM	37800	1RB#0	21.30	18.55	33.00	PASS
Band38	10MHz	16QAM	37800	1RB#24	21.19	18.44	33.00	PASS
Band38	10MHz	16QAM	37800	1RB#49	21.05	18.30	33.00	PASS
Band38	10MHz	16QAM	37800	25RB#0	20.27	17.52	33.00	PASS



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Band38	10MHz	16QAM	37800	25RB#25	20.20	17.45	33.00	PASS
Band38	10MHz	16QAM	37800	50RB#0	20.26	17.51	33.00	PASS
Band38	10MHz	16QAM	38000	1RB#0	21.51	18.76	33.00	PASS
Band38	10MHz	16QAM	38000	1RB#24	21.39	18.64	33.00	PASS
Band38	10MHz	16QAM	38000	1RB#49	21.28	18.53	33.00	PASS
Band38	10MHz	16QAM	38000	25RB#0	20.24	17.49	33.00	PASS
Band38	10MHz	16QAM	38000	25RB#12	20.29	17.54	33.00	PASS
Band38	10MHz	16QAM	38000	25RB#25	20.19	17.44	33.00	PASS
Band38	10MHz	16QAM	38000	50RB#0	20.26	17.51	33.00	PASS
Band38	10MHz	16QAM	38200	1RB#0	21.23	18.48	33.00	PASS
Band38	10MHz	16QAM	38200	1RB#24	21.32	18.57	33.00	PASS
Band38	10MHz	16QAM	38200	1RB#49	21.15	18.40	33.00	PASS
Band38	10MHz	16QAM	38200	25RB#0	20.21	17.46	33.00	PASS
Band38	10MHz	16QAM	38200	25RB#12	20.30	17.55	33.00	PASS
Band38	10MHz	16QAM	38200	25RB#25	20.26	17.51	33.00	PASS
Band38	10MHz	16QAM	38200	50RB#0	20.20	17.45	33.00	PASS
Band38	10MHz	64QAM	37800	1RB#0	20.28	17.53	33.00	PASS
Band38	10MHz	64QAM	37800	1RB#24	20.25	17.50	33.00	PASS
Band38	10MHz	64QAM	37800	1RB#49	20.26	17.51	33.00	PASS
Band38	10MHz	64QAM	37800	25RB#0	20.01	17.26	33.00	PASS
Band38	10MHz	64QAM	37800	25RB#12	19.83	17.08	33.00	PASS
Band38	10MHz	64QAM	37800	25RB#25	19.93	17.18	33.00	PASS
Band38	10MHz	64QAM	37800	50RB#0	19.80	17.05	33.00	PASS
Band38	10MHz	64QAM	38000	1RB#0	20.23	17.48	33.00	PASS
Band38	10MHz	64QAM	38000	1RB#24	20.19	17.44	33.00	PASS
Band38	10MHz	64QAM	38000	1RB#49	20.21	17.46	33.00	PASS
Band38	10MHz	64QAM	38000	25RB#0	19.92	17.17	33.00	PASS
Band38	10MHz	64QAM	38000	25RB#12	19.91	17.16	33.00	PASS
Band38	10MHz	64QAM	38000	25RB#25	19.84	17.09	33.00	PASS
Band38	10MHz	64QAM	38000	50RB#0	19.84	17.09	33.00	PASS
Band38	10MHz	64QAM	38200	1RB#0	20.18	17.43	33.00	PASS
Band38	10MHz	64QAM	38200	1RB#24	20.22	17.47	33.00	PASS
Band38	10MHz	64QAM	38200	1RB#49	20.17	17.42	33.00	PASS
Band38	10MHz	64QAM	38200	25RB#0	19.89	17.14	33.00	PASS
Band38	10MHz	64QAM	38200	25RB#12	19.87	17.12	33.00	PASS
Band38	10MHz	64QAM	38200	25RB#25	19.76	17.01	33.00	PASS
Band38	10MHz	64QAM	38200	50RB#0	19.89	17.14	33.00	PASS



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Band38	10MHz	256QAM	37800	1RB#0	17.99	15.24	33.00	PASS
Band38	10MHz	256QAM	37800	1RB#24	17.90	15.15	33.00	PASS
Band38	10MHz	256QAM	37800	1RB#49	17.98	15.23	33.00	PASS
Band38	10MHz	256QAM	37800	25RB#0	17.83	15.08	33.00	PASS
Band38	10MHz	256QAM	37800	25RB#12	17.82	15.07	33.00	PASS
Band38	10MHz	256QAM	37800	25RB#25	17.84	15.09	33.00	PASS
Band38	10MHz	256QAM	37800	50RB#0	17.70	14.95	33.00	PASS
Band38	10MHz	256QAM	38000	1RB#0	17.80	15.05	33.00	PASS
Band38	10MHz	256QAM	38000	1RB#24	17.86	15.11	33.00	PASS
Band38	10MHz	256QAM	38000	1RB#49	17.77	15.02	33.00	PASS
Band38	10MHz	256QAM	38000	25RB#0	17.89	15.14	33.00	PASS
Band38	10MHz	256QAM	38000	25RB#12	17.91	15.16	33.00	PASS
Band38	10MHz	256QAM	38000	25RB#25	17.81	15.06	33.00	PASS
Band38	10MHz	256QAM	38000	50RB#0	17.81	15.06	33.00	PASS
Band38	10MHz	256QAM	38200	1RB#0	18.05	15.30	33.00	PASS
Band38	10MHz	256QAM	38200	1RB#24	17.86	15.11	33.00	PASS
Band38	10MHz	256QAM	38200	1RB#49	17.75	15.00	33.00	PASS
Band38	10MHz	256QAM	38200	25RB#0	17.85	15.10	33.00	PASS
Band38	10MHz	256QAM	38200	25RB#12	17.84	15.09	33.00	PASS
Band38	10MHz	256QAM	38200	25RB#25	17.67	14.92	33.00	PASS
Band38	10MHz	256QAM	38200	50RB#0	17.89	15.14	33.00	PASS
Band38	15MHz	QPSK	37825	1RB#0	22.19	19.44	33.00	PASS
Band38	15MHz	QPSK	37825	1RB#38	22.09	19.34	33.00	PASS
Band38	15MHz	QPSK	37825	1RB#74	22.20	19.45	33.00	PASS
Band38	15MHz	QPSK	37825	38RB#0	21.14	18.39	33.00	PASS
Band38	15MHz	QPSK	37825	38RB#18	21.25	18.50	33.00	PASS
Band38	15MHz	QPSK	37825	38RB#37	21.13	18.38	33.00	PASS
Band38	15MHz	QPSK	37825	75RB#0	21.15	18.40	33.00	PASS
Band38	15MHz	QPSK	38000	1RB#0	22.11	19.36	33.00	PASS
Band38	15MHz	QPSK	38000	1RB#38	22.22	19.47	33.00	PASS
Band38	15MHz	QPSK	38000	1RB#74	22.42	19.67	33.00	PASS
Band38	15MHz	QPSK	38000	38RB#0	21.11	18.36	33.00	PASS
Band38	15MHz	QPSK	38000	38RB#18	21.08	18.33	33.00	PASS
Band38	15MHz	QPSK	38000	38RB#37	21.18	18.43	33.00	PASS
Band38	15MHz	QPSK	38000	75RB#0	21.09	18.34	33.00	PASS
Band38	15MHz	QPSK	38175	1RB#0	22.12	19.37	33.00	PASS
Band38	15MHz	QPSK	38175	1RB#38	22.16	19.41	33.00	PASS
Band38	15MHz	QPSK	38175	1RB#74	22.38	19.63	33.00	PASS



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Band38	15MHz	QPSK	38175	38RB#0	21.11	18.36	33.00	PASS
Band38	15MHz	QPSK	38175	38RB#18	21.15	18.40	33.00	PASS
Band38	15MHz	QPSK	38175	38RB#37	21.23	18.48	33.00	PASS
Band38	15MHz	QPSK	38175	75RB#0	21.11	18.36	33.00	PASS
Band38	15MHz	16QAM	37825	1RB#0	21.23	18.48	33.00	PASS
Band38	15MHz	16QAM	37825	1RB#38	21.20	18.45	33.00	PASS
Band38	15MHz	16QAM	37825	1RB#74	21.09	18.34	33.00	PASS
Band38	15MHz	16QAM	37825	38RB#0	20.25	17.50	33.00	PASS
Band38	15MHz	16QAM	37825	38RB#18	20.32	17.57	33.00	PASS
Band38	15MHz	16QAM	37825	38RB#37	20.17	17.42	33.00	PASS
Band38	15MHz	16QAM	37825	75RB#0	20.30	17.55	33.00	PASS
Band38	15MHz	16QAM	38000	1RB#0	21.57	18.82	33.00	PASS
Band38	15MHz	16QAM	38000	1RB#38	21.41	18.66	33.00	PASS
Band38	15MHz	16QAM	38000	1RB#74	21.13	18.38	33.00	PASS
Band38	15MHz	16QAM	38000	38RB#0	20.27	17.52	33.00	PASS
Band38	15MHz	16QAM	38000	38RB#18	20.30	17.55	33.00	PASS
Band38	15MHz	16QAM	38000	38RB#37	20.24	17.49	33.00	PASS
Band38	15MHz	16QAM	38000	75RB#0	20.33	17.58	33.00	PASS
Band38	15MHz	16QAM	38175	1RB#0	21.33	18.58	33.00	PASS
Band38	15MHz	16QAM	38175	1RB#38	21.34	18.59	33.00	PASS
Band38	15MHz	16QAM	38175	1RB#74	21.06	18.31	33.00	PASS
Band38	15MHz	16QAM	38175	38RB#0	20.19	17.44	33.00	PASS
Band38	15MHz	16QAM	38175	38RB#18	20.21	17.46	33.00	PASS
Band38	15MHz	16QAM	38175	38RB#37	20.27	17.52	33.00	PASS
Band38	15MHz	16QAM	38175	75RB#0	20.18	17.43	33.00	PASS
Band38	15MHz	64QAM	37825	1RB#0	20.30	17.55	33.00	PASS
Band38	15MHz	64QAM	37825	1RB#38	20.21	17.46	33.00	PASS
Band38	15MHz	64QAM	37825	1RB#74	20.22	17.47	33.00	PASS
Band38	15MHz	64QAM	37825	38RB#0	20.02	17.27	33.00	PASS
Band38	15MHz	64QAM	37825	38RB#18	19.92	17.17	33.00	PASS
Band38	15MHz	64QAM	37825	38RB#37	19.84	17.09	33.00	PASS
Band38	15MHz	64QAM	37825	75RB#0	19.85	17.10	33.00	PASS
Band38	15MHz	64QAM	38000	1RB#0	20.29	17.54	33.00	PASS
Band38	15MHz	64QAM	38000	1RB#38	20.26	17.51	33.00	PASS
Band38	15MHz	64QAM	38000	1RB#74	20.22	17.47	33.00	PASS
Band38	15MHz	64QAM	38000	38RB#0	19.98	17.23	33.00	PASS
Band38	15MHz	64QAM	38000	38RB#18	19.94	17.19	33.00	PASS
Band38	15MHz	64QAM	38000	38RB#37	19.90	17.15	33.00	PASS



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Band38	15MHz	64QAM	38000	75RB#0	19.74	16.99	33.00	PASS
Band38	15MHz	64QAM	38175	1RB#0	20.28	17.53	33.00	PASS
Band38	15MHz	64QAM	38175	1RB#38	20.21	17.46	33.00	PASS
Band38	15MHz	64QAM	38175	1RB#74	20.22	17.47	33.00	PASS
Band38	15MHz	64QAM	38175	38RB#0	19.93	17.18	33.00	PASS
Band38	15MHz	64QAM	38175	38RB#18	19.77	17.02	33.00	PASS
Band38	15MHz	64QAM	38175	38RB#37	19.71	16.96	33.00	PASS
Band38	15MHz	64QAM	38175	75RB#0	19.99	17.24	33.00	PASS
Band38	15MHz	256QAM	37825	1RB#0	17.99	15.24	33.00	PASS
Band38	15MHz	256QAM	37825	1RB#38	17.90	15.15	33.00	PASS
Band38	15MHz	256QAM	37825	1RB#74	17.98	15.23	33.00	PASS
Band38	15MHz	256QAM	37825	38RB#0	17.76	15.01	33.00	PASS
Band38	15MHz	256QAM	37825	38RB#18	17.77	15.02	33.00	PASS
Band38	15MHz	256QAM	37825	38RB#37	17.86	15.11	33.00	PASS
Band38	15MHz	256QAM	37825	75RB#0	17.63	14.88	33.00	PASS
Band38	15MHz	256QAM	38000	1RB#0	17.82	15.07	33.00	PASS
Band38	15MHz	256QAM	38000	1RB#38	17.84	15.09	33.00	PASS
Band38	15MHz	256QAM	38000	1RB#74	17.78	15.03	33.00	PASS
Band38	15MHz	256QAM	38000	38RB#0	17.80	15.05	33.00	PASS
Band38	15MHz	256QAM	38000	38RB#18	17.96	15.21	33.00	PASS
Band38	15MHz	256QAM	38000	38RB#37	17.70	14.95	33.00	PASS
Band38	15MHz	256QAM	38000	75RB#0	17.81	15.06	33.00	PASS
Band38	15MHz	256QAM	38175	1RB#0	18.03	15.28	33.00	PASS
Band38	15MHz	256QAM	38175	1RB#38	17.83	15.08	33.00	PASS
Band38	15MHz	256QAM	38175	1RB#74	17.74	14.99	33.00	PASS
Band38	15MHz	256QAM	38175	38RB#0	17.91	15.16	33.00	PASS
Band38	15MHz	256QAM	38175	38RB#18	17.84	15.09	33.00	PASS
Band38	15MHz	256QAM	38175	38RB#37	17.63	14.88	33.00	PASS
Band38	15MHz	256QAM	38175	75RB#0	17.99	15.24	33.00	PASS
Band38	20MHz	QPSK	37850	1RB#0	22.07	19.32	33.00	PASS
Band38	20MHz	QPSK	37850	1RB#49	22.10	19.35	33.00	PASS
Band38	20MHz	QPSK	37850	1RB#99	22.19	19.44	33.00	PASS
Band38	20MHz	QPSK	37850	50RB#0	21.23	18.48	33.00	PASS
Band38	20MHz	QPSK	37850	50RB#25	21.09	18.34	33.00	PASS
Band38	20MHz	QPSK	37850	50RB#50	21.25	18.50	33.00	PASS
Band38	20MHz	QPSK	37850	100RB#0	21.06	18.31	33.00	PASS
Band38	20MHz	QPSK	38000	1RB#0	22.11	19.36	33.00	PASS
Band38	20MHz	QPSK	38000	1RB#49	22.31	19.56	33.00	PASS



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Band38	20MHz	QPSK	38000	1RB#99	22.25	19.50	33.00	PASS
Band38	20MHz	QPSK	38000	50RB#0	21.18	18.43	33.00	PASS
Band38	20MHz	QPSK	38000	50RB#25	21.15	18.40	33.00	PASS
Band38	20MHz	QPSK	38000	50RB#50	21.25	18.50	33.00	PASS
Band38	20MHz	QPSK	38000	100RB#0	21.08	18.33	33.00	PASS
Band38	20MHz	QPSK	38150	1RB#0	22.38	19.63	33.00	PASS
Band38	20MHz	QPSK	38150	1RB#49	22.21	19.46	33.00	PASS
Band38	20MHz	QPSK	38150	1RB#99	22.30	19.55	33.00	PASS
Band38	20MHz	QPSK	38150	50RB#0	21.10	18.35	33.00	PASS
Band38	20MHz	QPSK	38150	50RB#25	21.29	18.54	33.00	PASS
Band38	20MHz	QPSK	38150	50RB#50	21.28	18.53	33.00	PASS
Band38	20MHz	QPSK	38150	100RB#0	21.31	18.56	33.00	PASS
Band38	20MHz	16QAM	37850	1RB#0	21.39	18.64	33.00	PASS
Band38	20MHz	16QAM	37850	1RB#49	21.10	18.35	33.00	PASS
Band38	20MHz	16QAM	37850	1RB#99	21.03	18.28	33.00	PASS
Band38	20MHz	16QAM	37850	50RB#0	20.23	17.48	33.00	PASS
Band38	20MHz	16QAM	37850	50RB#25	20.20	17.45	33.00	PASS
Band38	20MHz	16QAM	37850	50RB#50	20.26	17.51	33.00	PASS
Band38	20MHz	16QAM	37850	100RB#0	20.36	17.61	33.00	PASS
Band38	20MHz	16QAM	38000	1RB#0	21.54	18.79	33.00	PASS
Band38	20MHz	16QAM	38000	1RB#49	21.48	18.73	33.00	PASS
Band38	20MHz	16QAM	38000	1RB#99	21.19	18.44	33.00	PASS
Band38	20MHz	16QAM	38000	50RB#0	20.30	17.55	33.00	PASS
Band38	20MHz	16QAM	38000	50RB#25	20.28	17.53	33.00	PASS
Band38	20MHz	16QAM	38000	50RB#50	20.13	17.38	33.00	PASS
Band38	20MHz	16QAM	38000	100RB#0	20.31	17.56	33.00	PASS
Band38	20MHz	16QAM	38150	1RB#0	21.33	18.58	33.00	PASS
Band38	20MHz	16QAM	38150	1RB#49	21.22	18.47	33.00	PASS
Band38	20MHz	16QAM	38150	1RB#99	21.18	18.43	33.00	PASS
Band38	20MHz	16QAM	38150	50RB#0	20.20	17.45	33.00	PASS
Band38	20MHz	16QAM	38150	50RB#25	20.37	17.62	33.00	PASS
Band38	20MHz	16QAM	38150	50RB#50	20.28	17.53	33.00	PASS
Band38	20MHz	16QAM	38150	100RB#0	20.29	17.54	33.00	PASS
Band38	20MHz	64QAM	37850	1RB#0	20.24	17.49	33.00	PASS
Band38	20MHz	64QAM	37850	1RB#49	20.22	17.47	33.00	PASS
Band38	20MHz	64QAM	37850	1RB#99	20.34	17.59	33.00	PASS
Band38	20MHz	64QAM	37850	50RB#0	19.98	17.23	33.00	PASS
Band38	20MHz	64QAM	37850	50RB#25	19.84	17.09	33.00	PASS



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Band38	20MHz	64QAM	37850	50RB#50	19.88	17.13	33.00	PASS
Band38	20MHz	64QAM	37850	100RB#0	19.79	17.04	33.00	PASS
Band38	20MHz	64QAM	38000	1RB#0	20.20	17.45	33.00	PASS
Band38	20MHz	64QAM	38000	1RB#49	20.21	17.46	33.00	PASS
Band38	20MHz	64QAM	38000	1RB#99	20.16	17.41	33.00	PASS
Band38	20MHz	64QAM	38000	50RB#0	19.83	17.08	33.00	PASS
Band38	20MHz	64QAM	38000	50RB#25	19.94	17.19	33.00	PASS
Band38	20MHz	64QAM	38000	50RB#50	19.86	17.11	33.00	PASS
Band38	20MHz	64QAM	38000	100RB#0	19.79	17.04	33.00	PASS
Band38	20MHz	64QAM	38150	1RB#0	20.27	17.52	33.00	PASS
Band38	20MHz	64QAM	38150	1RB#49	20.27	17.52	33.00	PASS
Band38	20MHz	64QAM	38150	1RB#99	20.13	17.38	33.00	PASS
Band38	20MHz	64QAM	38150	50RB#0	19.96	17.21	33.00	PASS
Band38	20MHz	64QAM	38150	50RB#25	19.81	17.06	33.00	PASS
Band38	20MHz	64QAM	38150	50RB#50	19.71	16.96	33.00	PASS
Band38	20MHz	64QAM	38150	100RB#0	19.85	17.10	33.00	PASS
Band38	20MHz	256QAM	37850	1RB#0	18	15.25	33.00	PASS
Band38	20MHz	256QAM	37850	1RB#49	17.82	15.07	33.00	PASS
Band38	20MHz	256QAM	37850	1RB#99	17.92	15.17	33.00	PASS
Band38	20MHz	256QAM	37850	50RB#0	17.78	15.03	33.00	PASS
Band38	20MHz	256QAM	37850	50RB#25	17.75	15.00	33.00	PASS
Band38	20MHz	256QAM	37850	50RB#50	17.89	15.14	33.00	PASS
Band38	20MHz	256QAM	37850	100RB#0	17.71	14.96	33.00	PASS
Band38	20MHz	256QAM	38000	1RB#0	17.84	15.09	33.00	PASS
Band38	20MHz	256QAM	38000	1RB#49	17.89	15.14	33.00	PASS
Band38	20MHz	256QAM	38000	1RB#99	17.81	15.06	33.00	PASS
Band38	20MHz	256QAM	38000	50RB#0	17.84	15.09	33.00	PASS
Band38	20MHz	256QAM	38000	50RB#25	17.91	15.16	33.00	PASS
Band38	20MHz	256QAM	38000	50RB#50	17.74	14.99	33.00	PASS
Band38	20MHz	256QAM	38000	100RB#0	17.84	15.09	33.00	PASS
Band38	20MHz	256QAM	38150	1RB#0	17.98	15.23	33.00	PASS
Band38	20MHz	256QAM	38150	1RB#49	17.83	15.08	33.00	PASS
Band38	20MHz	256QAM	38150	1RB#99	17.71	14.96	33.00	PASS
Band38	20MHz	256QAM	38150	50RB#0	17.87	15.12	33.00	PASS
Band38	20MHz	256QAM	38150	50RB#25	17.90	15.15	33.00	PASS
Band38	20MHz	256QAM	38150	50RB#50	17.71	14.96	33.00	PASS
Band38	20MHz	256QAM	38150	100RB#0	17.92	15.17	33.00	PASS



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Remark:

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

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

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

The conducted Power is measured by Base Station Simulator



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2. Peak-to-Average Ratio (CCDF)

2.1. Test Result

Band	Bandwidth	Modulation	Channel	RB Configuration	Result(dB)	Limit(dB)	Verdict
Band38	20MHz	QPSK	37850	100RB#0	6.12	13	PASS
Band38	20MHz	QPSK	38000	100RB#0	8.52	13	PASS
Band38	20MHz	QPSK	38150	100RB#0	8.52	13	PASS
Band38	20MHz	64QAM	37850	100RB#0	7.25	13	PASS
Band38	20MHz	64QAM	38000	100RB#0	10.00	13	PASS
Band38	20MHz	64QAM	38150	100RB#0	9.91	13	PASS
Band38	20MHz	256QAM	37850	100RB#0	12.29	13	PASS
Band38	20MHz	256QAM	38000	100RB#0	8.72	13	PASS
Band38	20MHz	256QAM	38150	100RB#0	8.61	13	PASS
Band38	20MHz	16QAM	37850	100RB#0	9.54	13	PASS
Band38	20MHz	16QAM	38000	100RB#0	9.33	13	PASS
Band38	20MHz	16QAM	38150	100RB#0	9.19	13	PASS



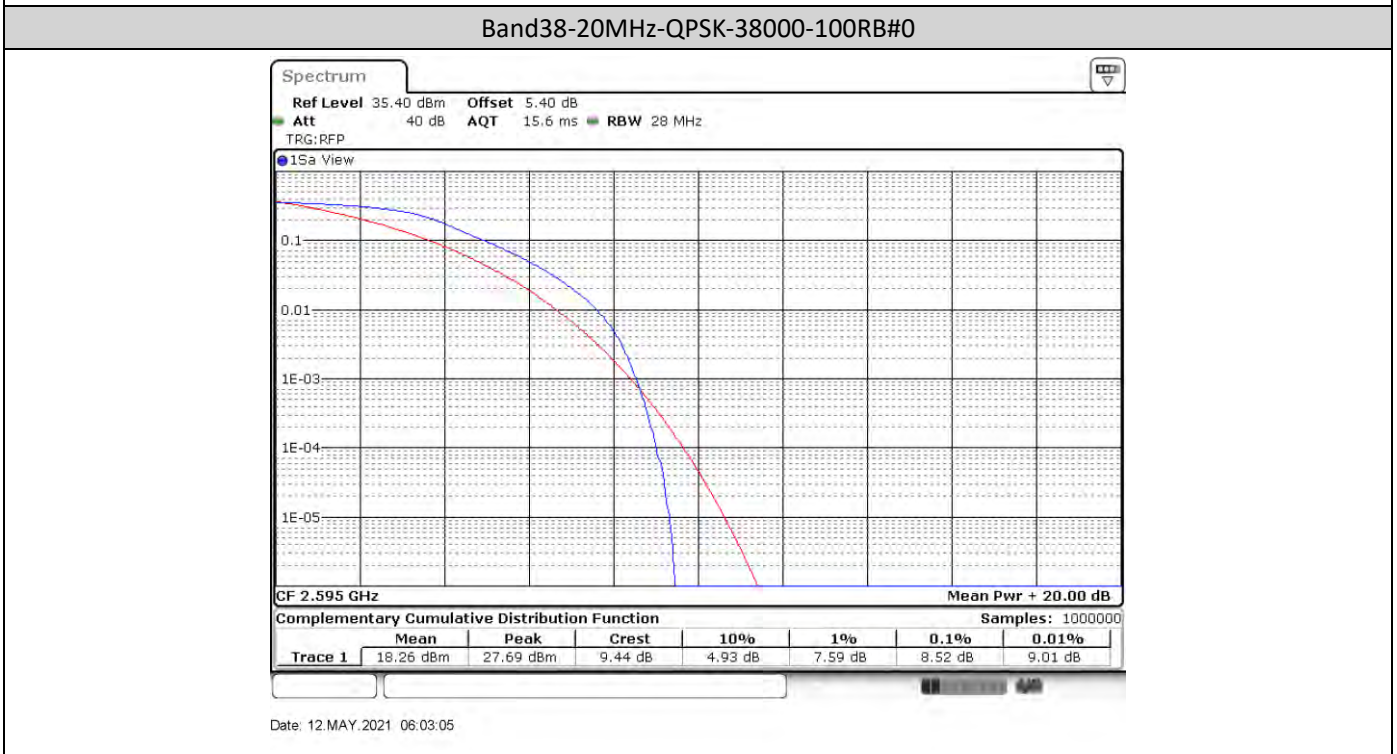
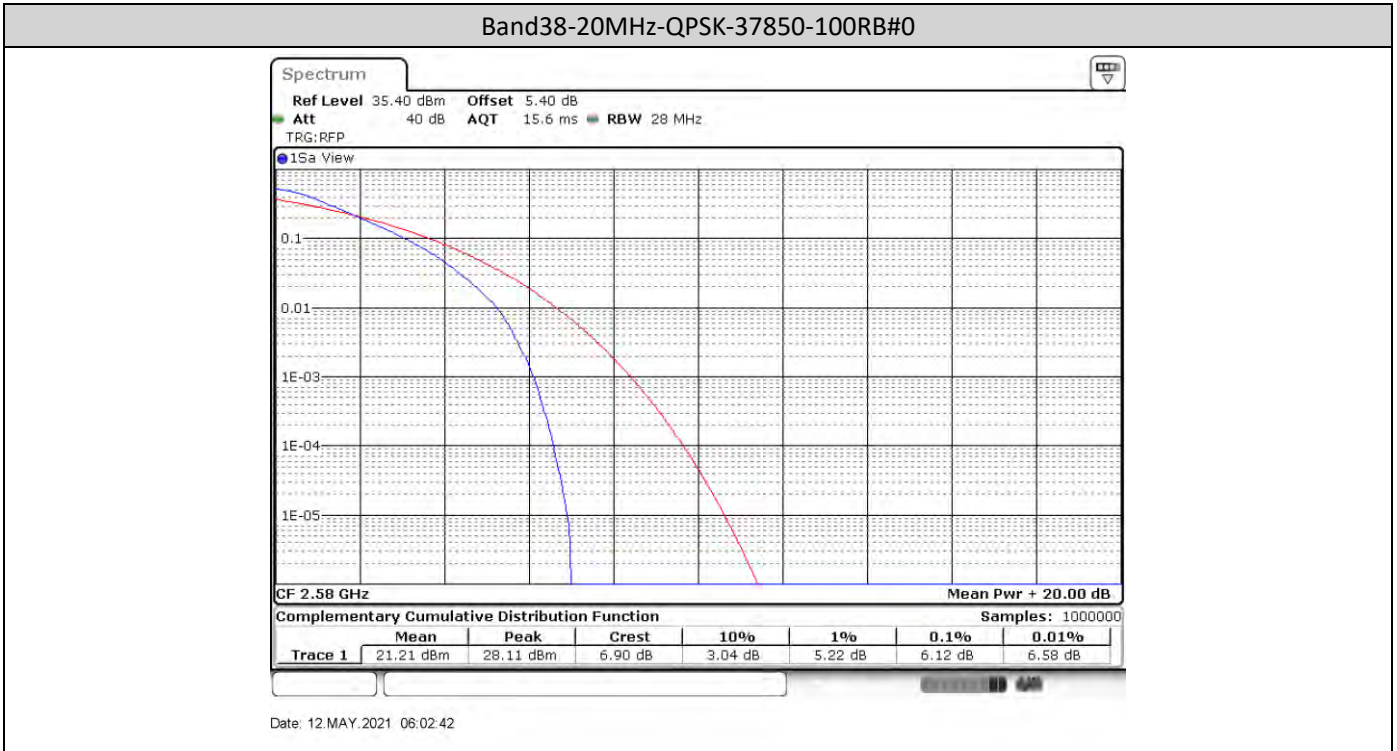
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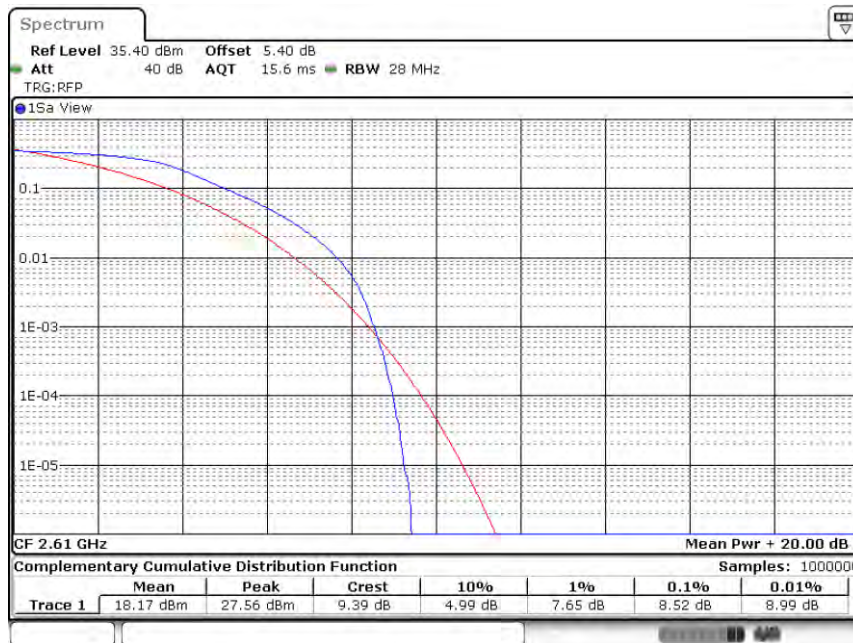
2.2. Test Plots



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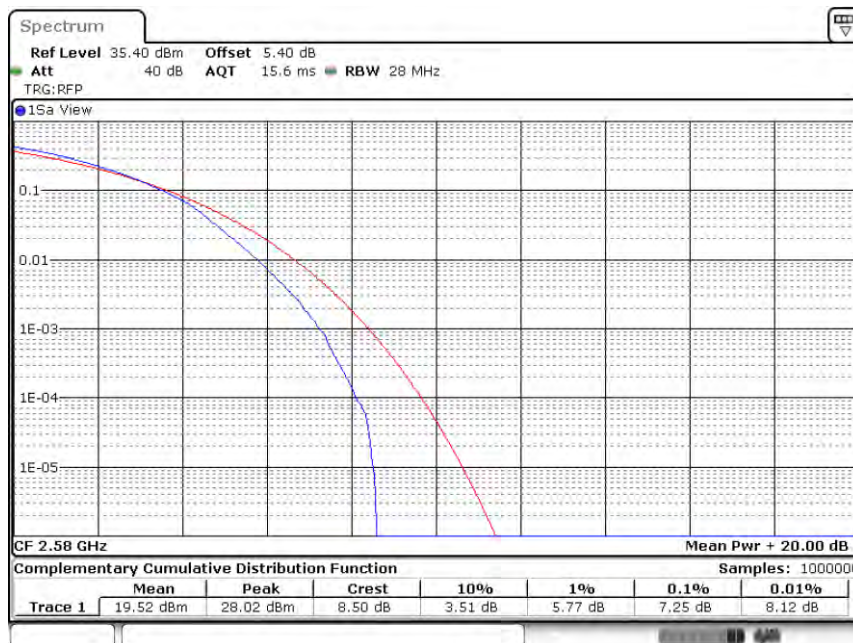
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Band38-20MHz-QPSK-38150-100RB#0



Date: 12 MAY 2021 06:03:28

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

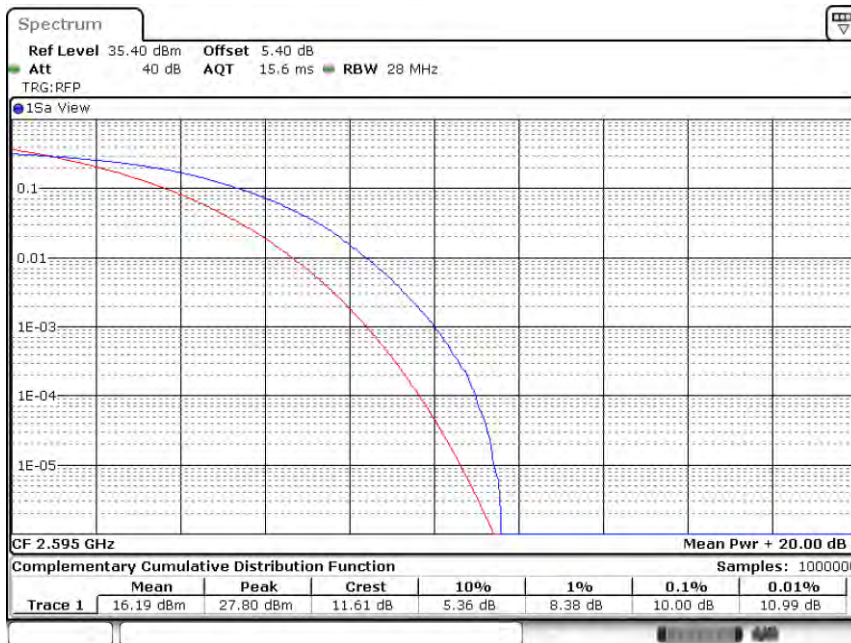


Date: 12 MAY 2021 06:50:22



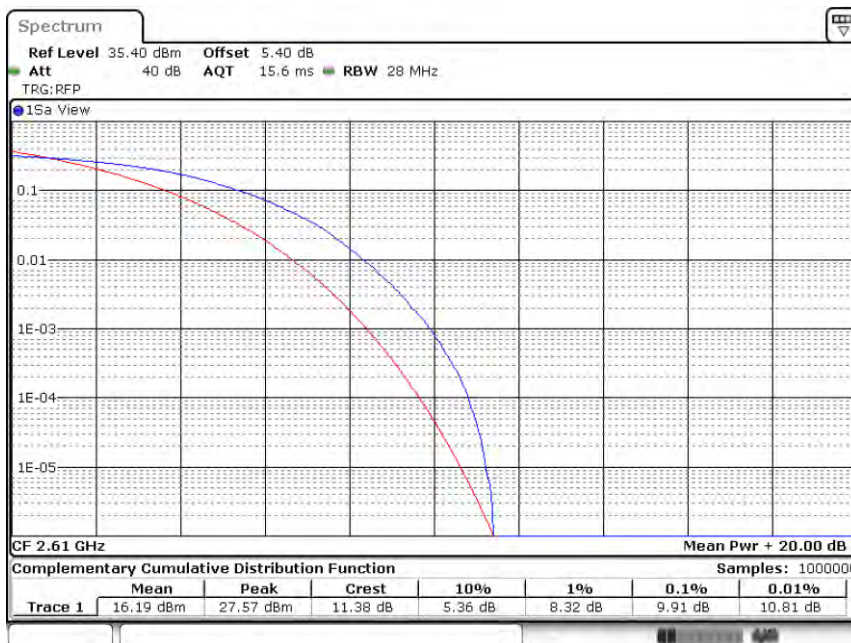
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Band38-20MHz-64QAM-38000-100RB#0



Date: 12.MAY.2021 06:50:34

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



Date: 12.MAY.2021 06:50:45



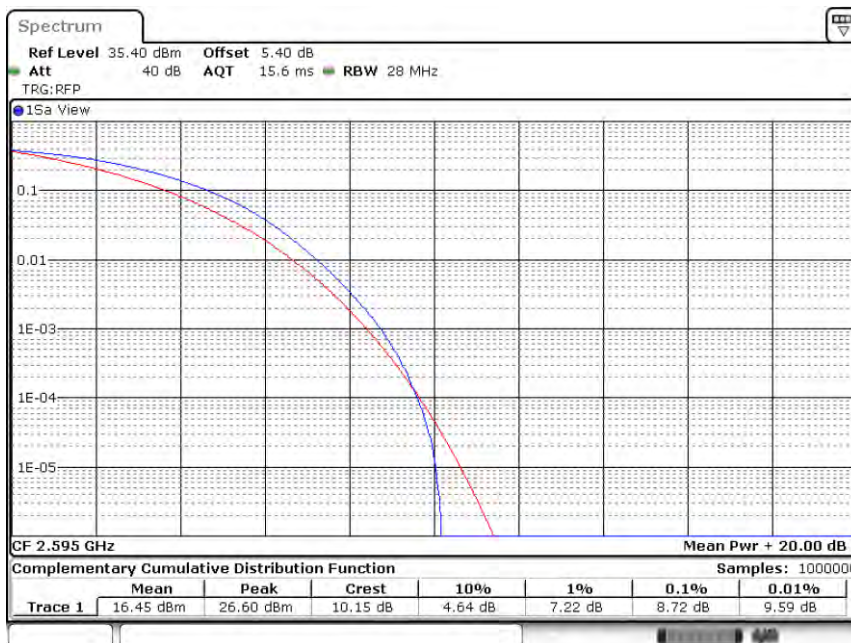
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Band38-20MHz-256QAM-37850-100RB#0



Date: 8.MAY.2021 04:22:03

Band38-20MHz-256QAM-38000-100RB#0

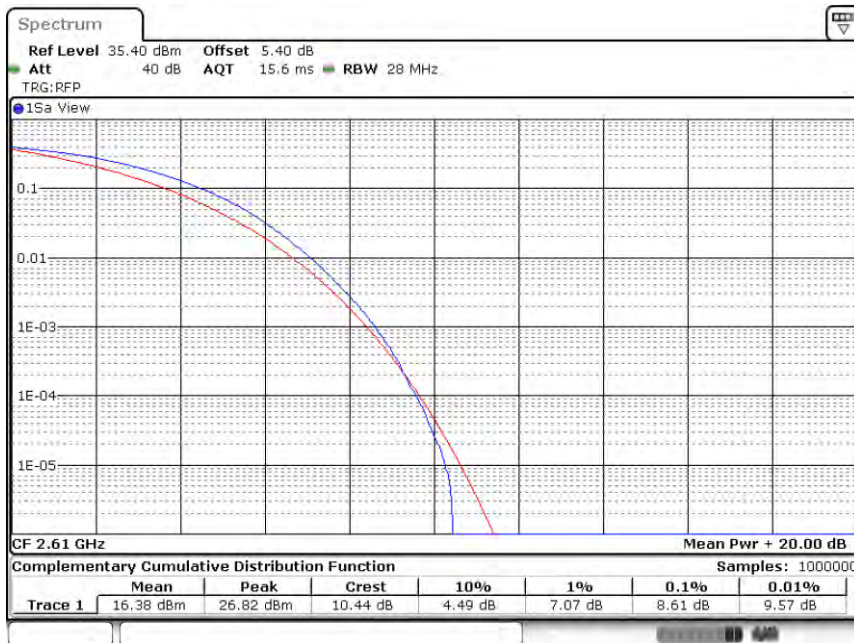


Date: 8.MAY.2021 04:22:15



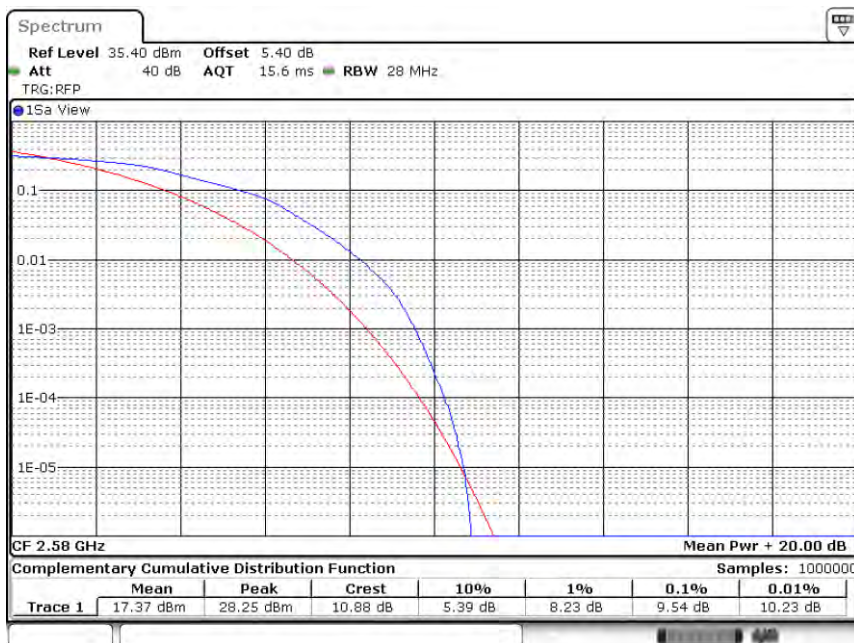
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Band38-20MHz-256QAM-38150-100RB#0



Date: 8.MAY.2021 04:22:26

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

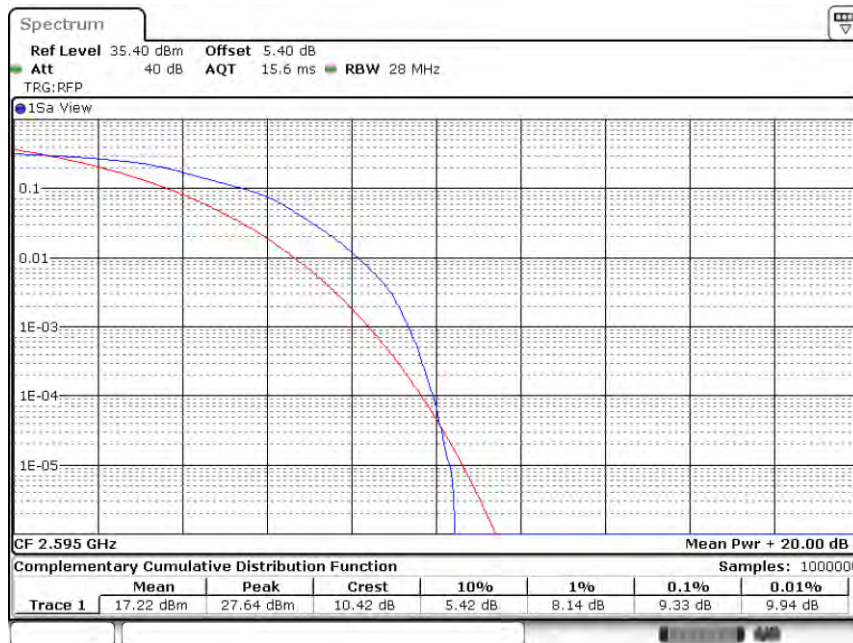


Date: 12.MAY.2021 06:02:54



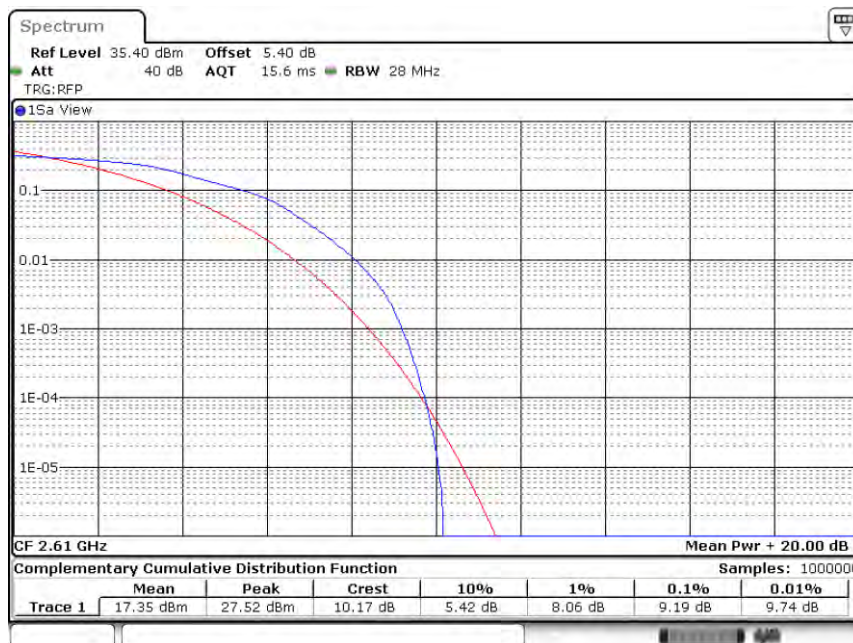
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Band38-20MHz-16QAM-38000-100RB#0



Date: 12 MAY 2021 06:03:16

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



Date: 12 MAY 2021 06:03:39

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



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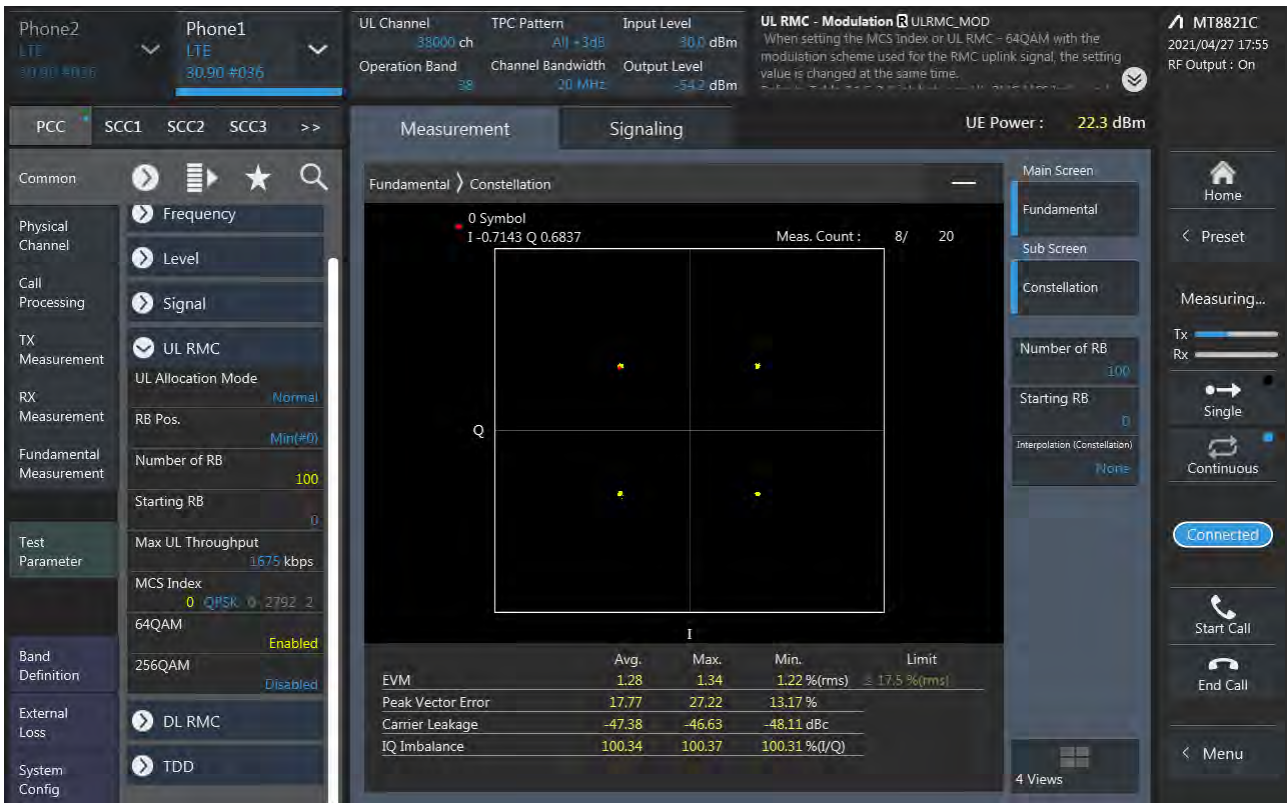
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3. Modulation Characteristics

3.1. Test Mode = LTE /TM1 20MHz

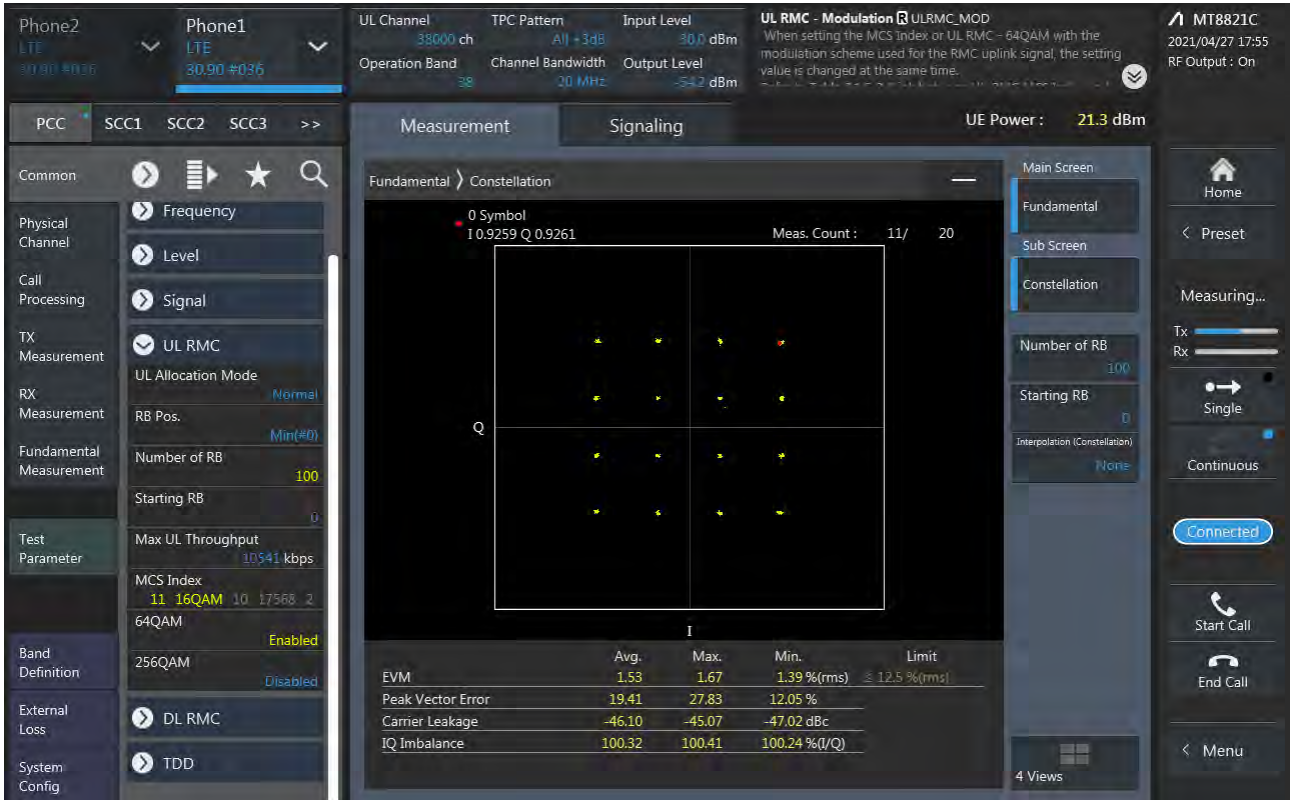
3.1.1. Test Channel = MCH





3.2. Test Mode = LTE /TM2 20MHz

3.2.1. Test Channel = MCH

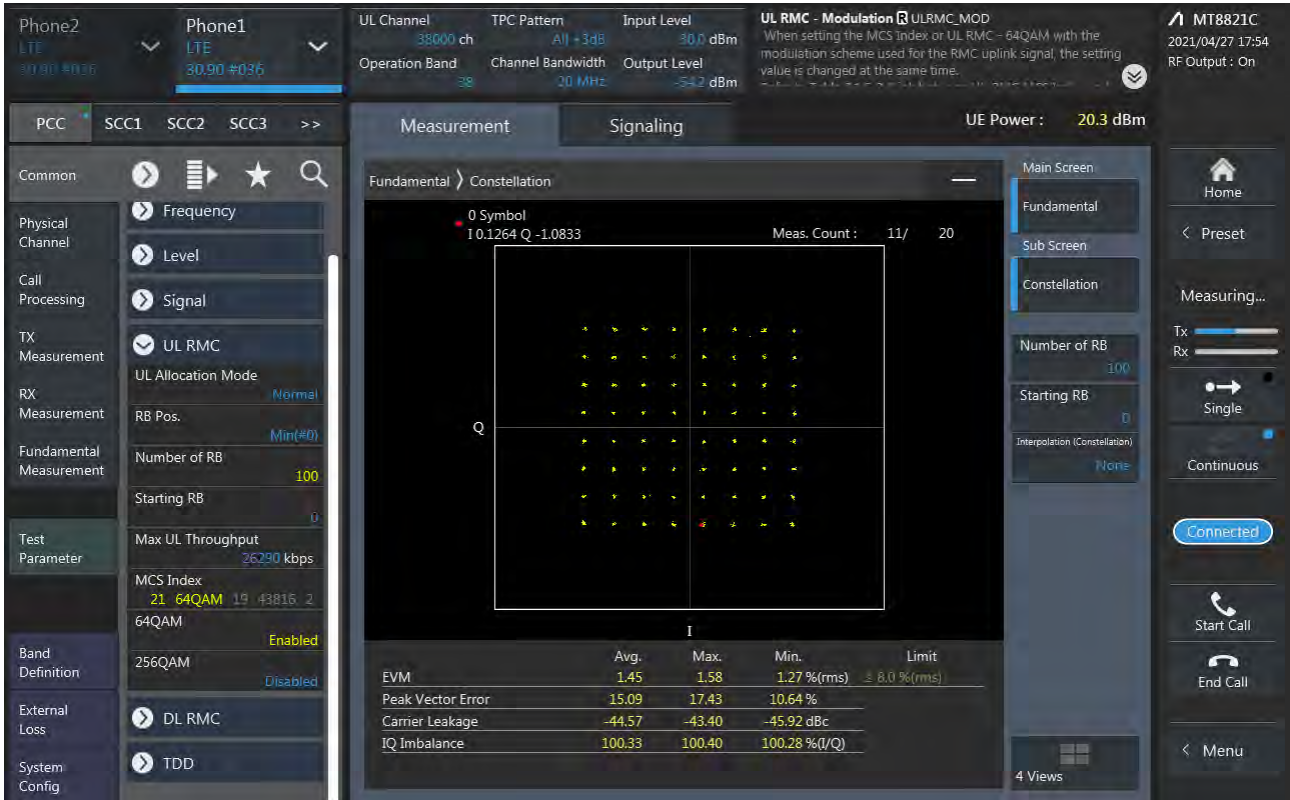


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3.3. Test Mode = LTE /TM3 20MHz

3.3.1. Test Channel = MCH

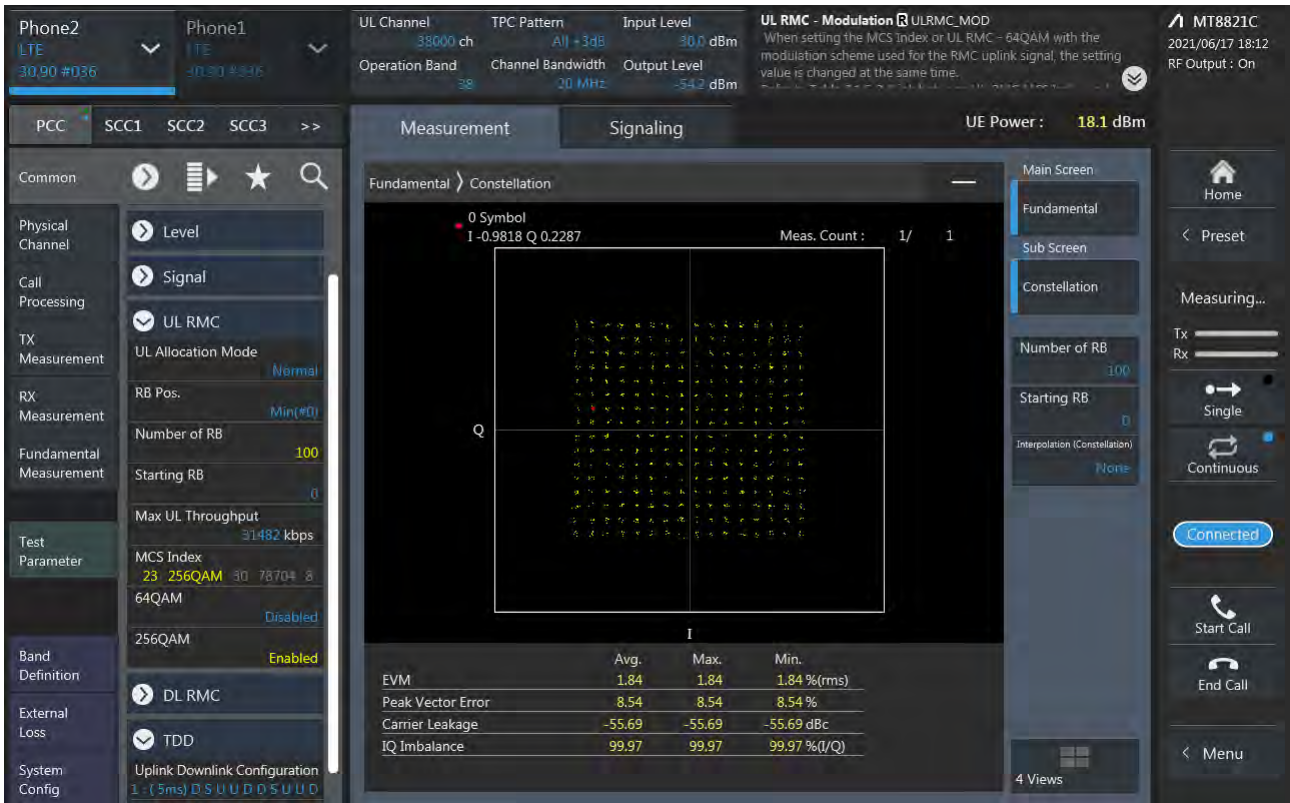


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3.4. Test Mode = LTE /TM4 20MHz

3.4.1. Test Channel = MCH



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4. 26dB Bandwidth and Occupied Bandwidth

4.1. Test Result

Band	Bandwidth	Modulation	Channel	RB Configuration	Occupied Bandwidth (MHz)	26dB Bandwidth (MHz)	Verdict
Band38	5MHz	QPSK	37775	25RB#0	4.476	4.930	PASS
Band38	5MHz	QPSK	38000	25RB#0	4.476	4.900	PASS
Band38	5MHz	QPSK	38225	25RB#0	4.476	4.910	PASS
Band38	5MHz	64QAM	37775	25RB#0	4.486	5.030	PASS
Band38	5MHz	64QAM	38000	25RB#0	4.486	5.030	PASS
Band38	5MHz	64QAM	38225	25RB#0	4.486	5.040	PASS
Band38	5MHz	256QAM	37775	25RB#0	4.476	4.920	PASS
Band38	5MHz	256QAM	38000	25RB#0	4.466	4.920	PASS
Band38	5MHz	256QAM	38225	25RB#0	4.466	4.930	PASS
Band38	5MHz	16QAM	37775	25RB#0	4.496	5.010	PASS
Band38	5MHz	16QAM	38000	25RB#0	4.496	5.000	PASS
Band38	5MHz	16QAM	38225	25RB#0	4.496	5.000	PASS
Band38	10MHz	QPSK	37800	50RB#0	8.911	9.800	PASS
Band38	10MHz	QPSK	38000	50RB#0	8.911	9.800	PASS
Band38	10MHz	QPSK	38200	50RB#0	8.911	9.760	PASS
Band38	10MHz	64QAM	37800	50RB#0	8.951	9.880	PASS
Band38	10MHz	64QAM	38000	50RB#0	8.951	9.860	PASS
Band38	10MHz	64QAM	38200	50RB#0	8.951	9.900	PASS
Band38	10MHz	256QAM	37800	50RB#0	8.951	9.660	PASS
Band38	10MHz	256QAM	38000	50RB#0	8.931	9.760	PASS
Band38	10MHz	256QAM	38200	50RB#0	8.931	9.640	PASS
Band38	10MHz	16QAM	37800	50RB#0	8.931	9.660	PASS
Band38	10MHz	16QAM	38000	50RB#0	8.911	9.640	PASS
Band38	10MHz	16QAM	38200	50RB#0	8.911	9.660	PASS
Band38	15MHz	QPSK	37825	75RB#0	13.516	15.780	PASS
Band38	15MHz	QPSK	38000	75RB#0	13.516	15.630	PASS
Band38	15MHz	QPSK	38175	75RB#0	13.487	15.720	PASS
Band38	15MHz	64QAM	37825	75RB#0	13.487	15.090	PASS
Band38	15MHz	64QAM	38000	75RB#0	13.457	15.030	PASS
Band38	15MHz	64QAM	38175	75RB#0	13.457	15.180	PASS



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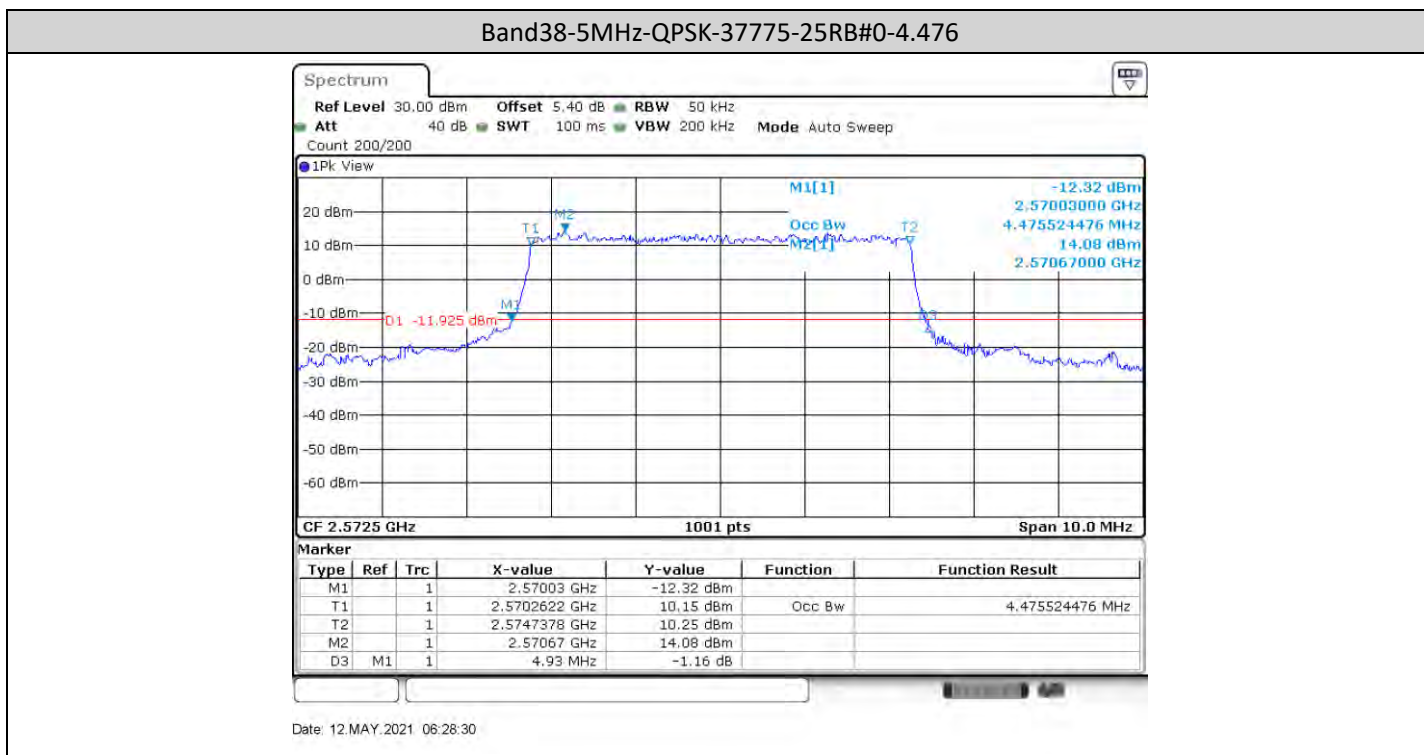
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Band38	15MHz	256QAM	37825	75RB#0	13.516	14.880	PASS
Band38	15MHz	256QAM	38000	75RB#0	13.487	14.940	PASS
Band38	15MHz	256QAM	38175	75RB#0	13.516	15.060	PASS
Band38	15MHz	16QAM	37825	75RB#0	13.487	15.750	PASS
Band38	15MHz	16QAM	38000	75RB#0	13.487	15.810	PASS
Band38	15MHz	16QAM	38175	75RB#0	13.487	15.900	PASS
Band38	20MHz	QPSK	37850	100RB#0	17.982	20.400	PASS
Band38	20MHz	QPSK	38000	100RB#0	17.942	20.160	PASS
Band38	20MHz	QPSK	38150	100RB#0	17.942	19.840	PASS
Band38	20MHz	64QAM	37850	100RB#0	17.942	19.800	PASS
Band38	20MHz	64QAM	38000	100RB#0	17.862	19.680	PASS
Band38	20MHz	64QAM	38150	100RB#0	17.902	19.760	PASS
Band38	20MHz	256QAM	37850	100RB#0	17.862	19.640	PASS
Band38	20MHz	256QAM	38000	100RB#0	17.902	19.600	PASS
Band38	20MHz	256QAM	38150	100RB#0	17.902	20.600	PASS
Band38	20MHz	16QAM	37850	100RB#0	17.942	19.760	PASS
Band38	20MHz	16QAM	38000	100RB#0	17.942	19.720	PASS
Band38	20MHz	16QAM	38150	100RB#0	17.902	19.840	PASS

4.2. Test Plots

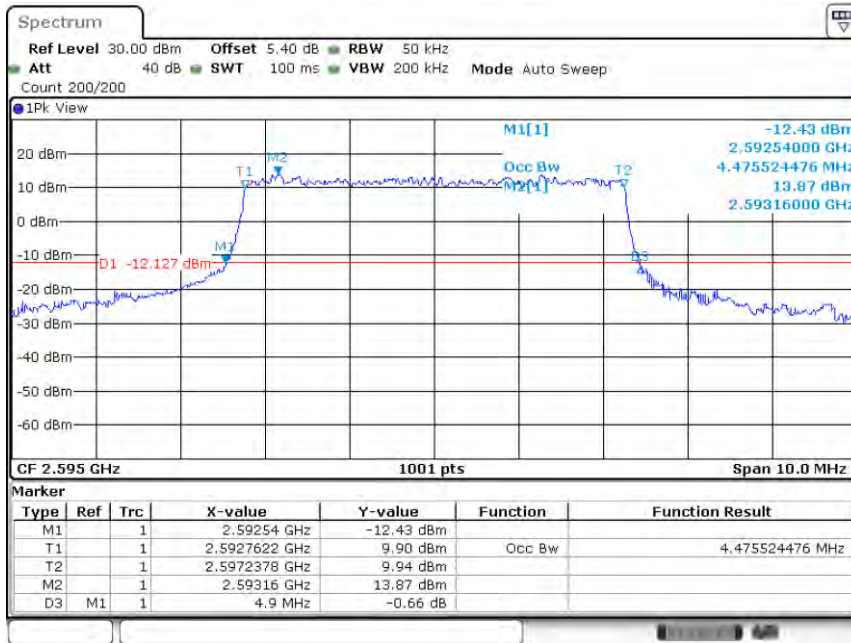


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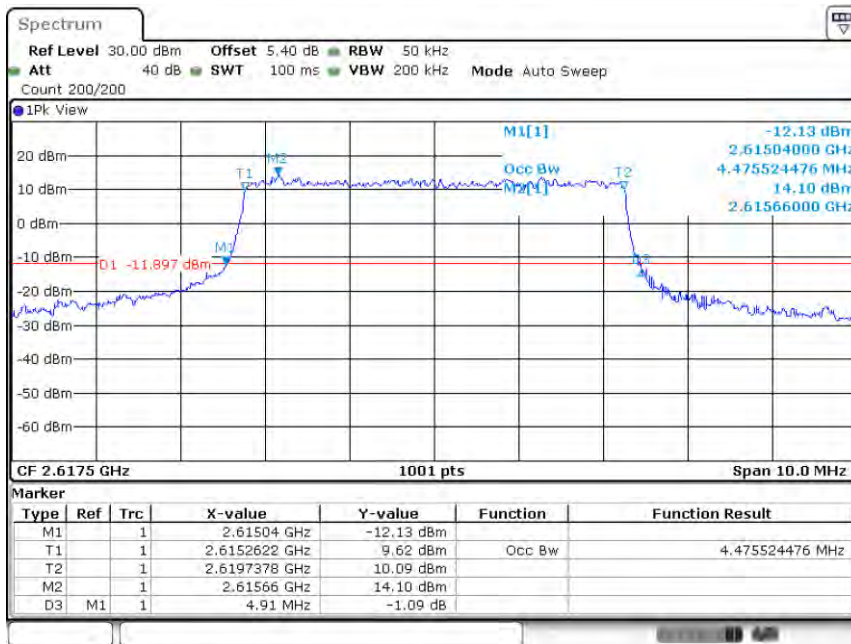
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Band38-5MHz-QPSK-38000-25RB#0-4.476



Date: 12.MAY.2021 06:29:36

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

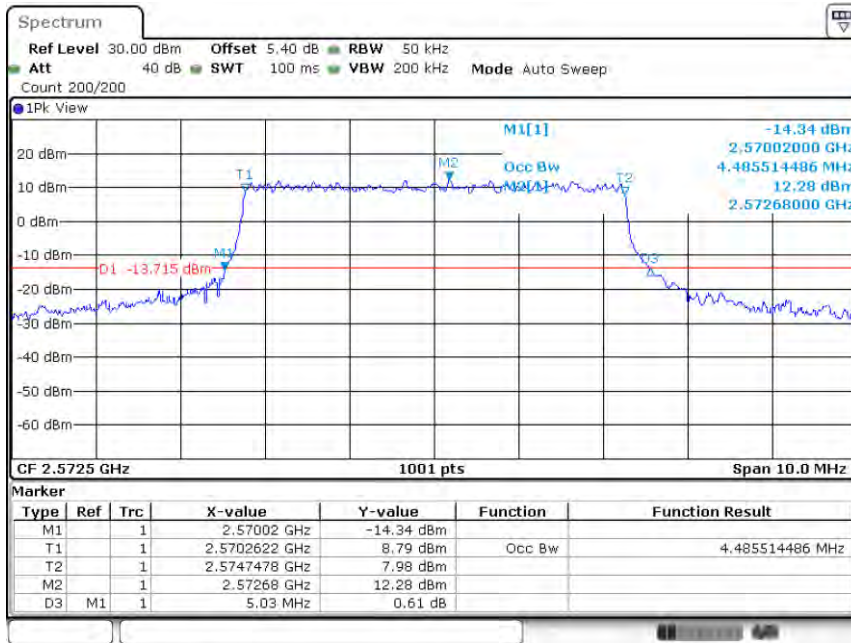


Date: 12.MAY.2021 06:30:42



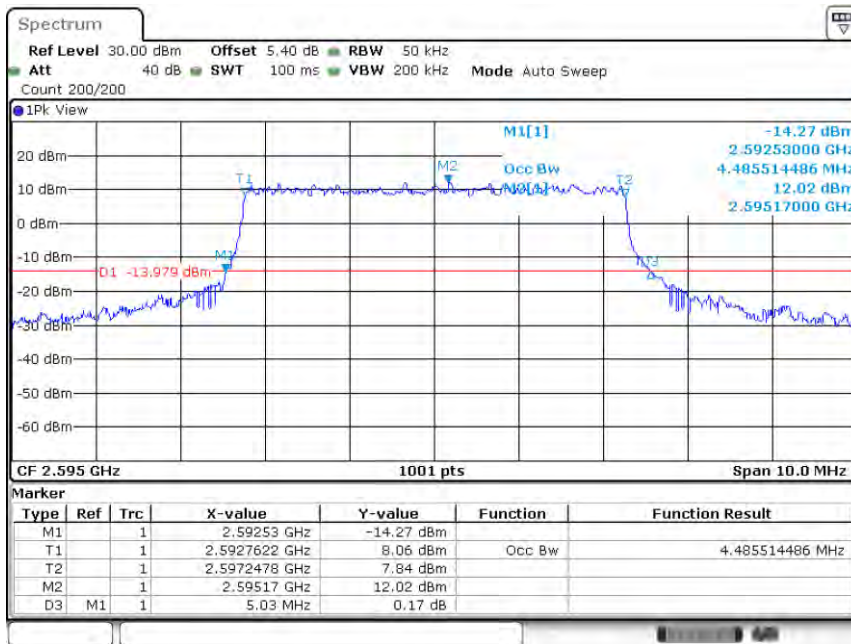
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Band38-5MHz-64QAM-37775-25RB#0-4.486



Date: 12.MAY.2021 06:40:23

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



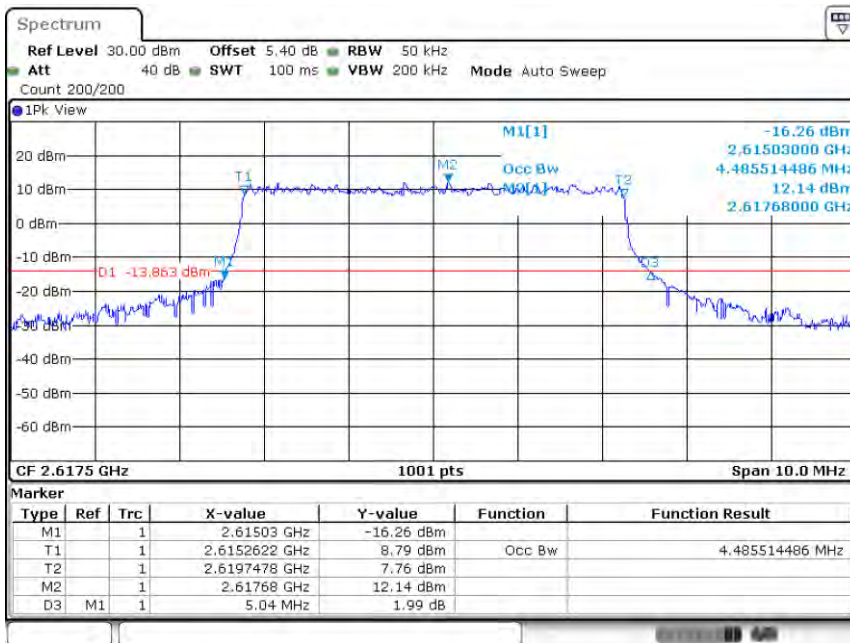
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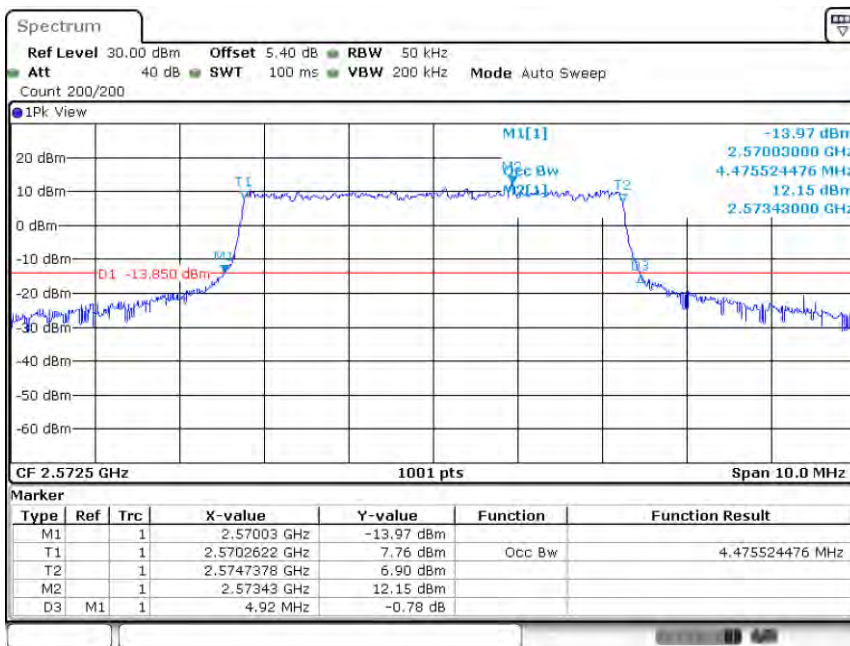


Band38-5MHz-64QAM-38225-25RB#0-4.486



Date: 12.MAY.2021 06:41:48

Band38-5MHz-256QAM-37775-25RB#0-4.476

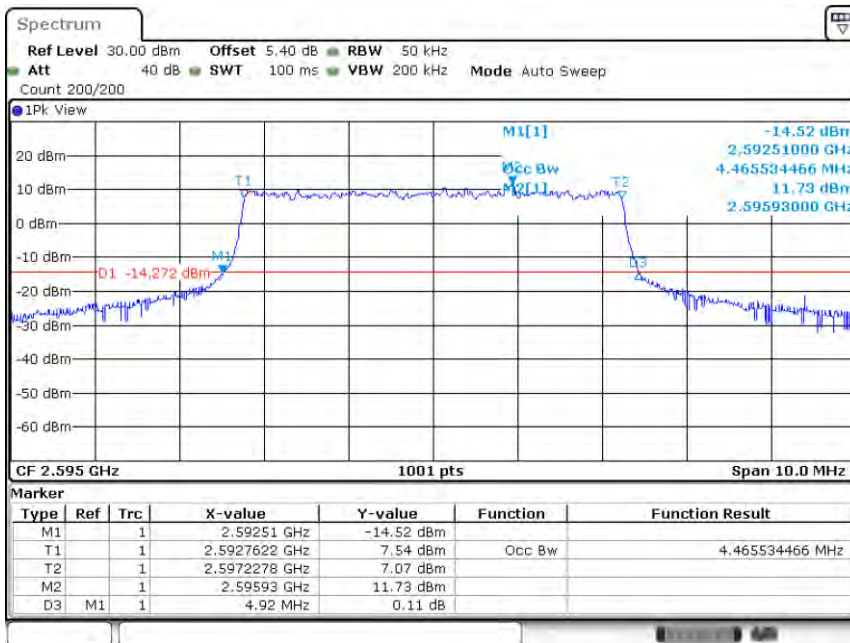


Date: 8.MAY.2021 04:15:25



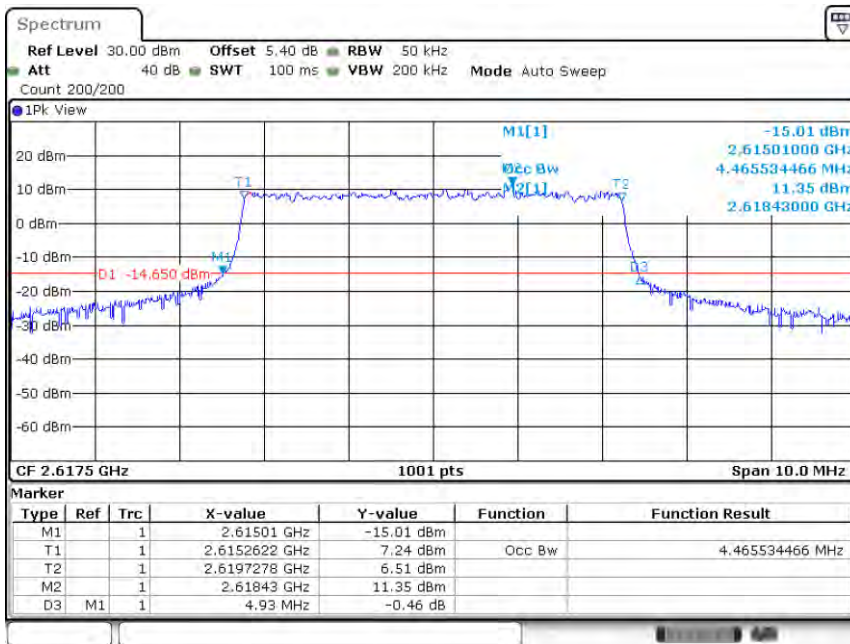
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Band38-5MHz-256QAM-38000-25RB#0-4.466



Date: 8.MAY.2021 04:15:58

Band38-5MHz-256QAM-38225-25RB#0-4.466



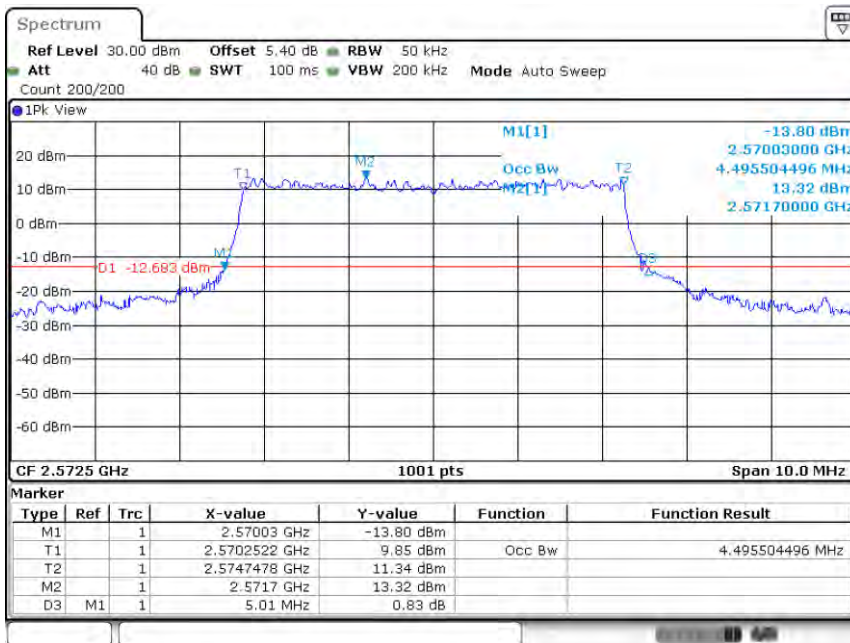
Date: 8.MAY.2021 04:16:32



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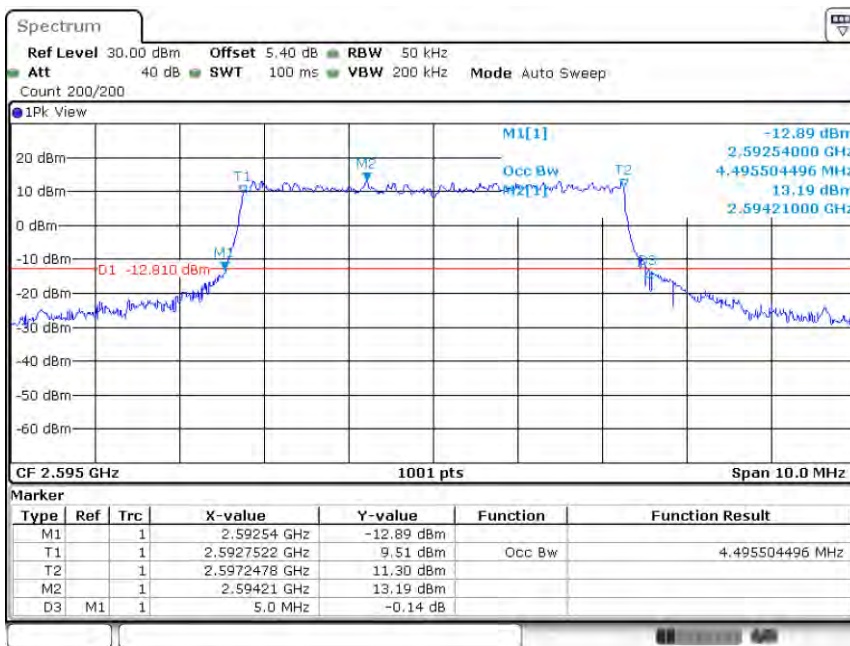


Band38-5MHz-16QAM-37775-25RB#0-4.496



Date: 12.MAY.2021 06:29:03

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



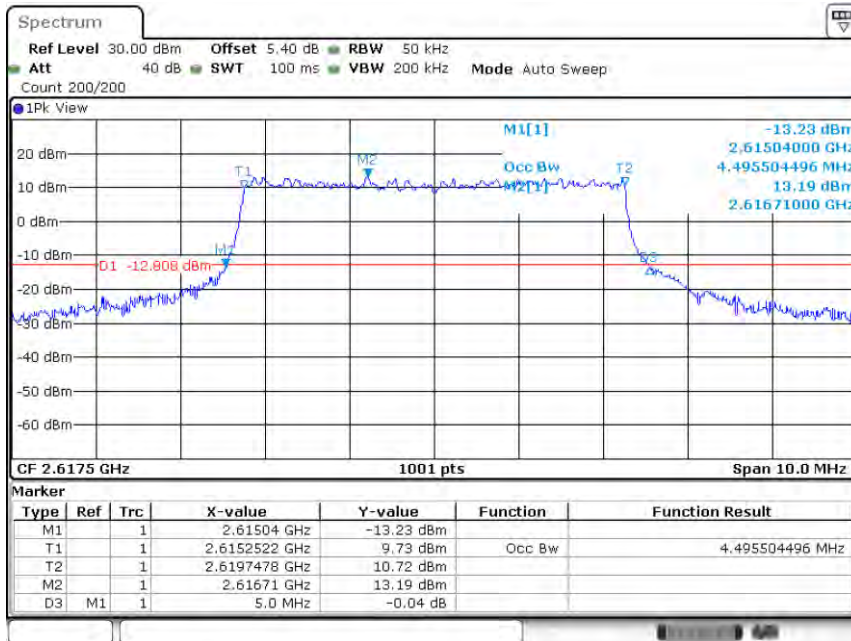
Date: 12.MAY.2021 06:30:09



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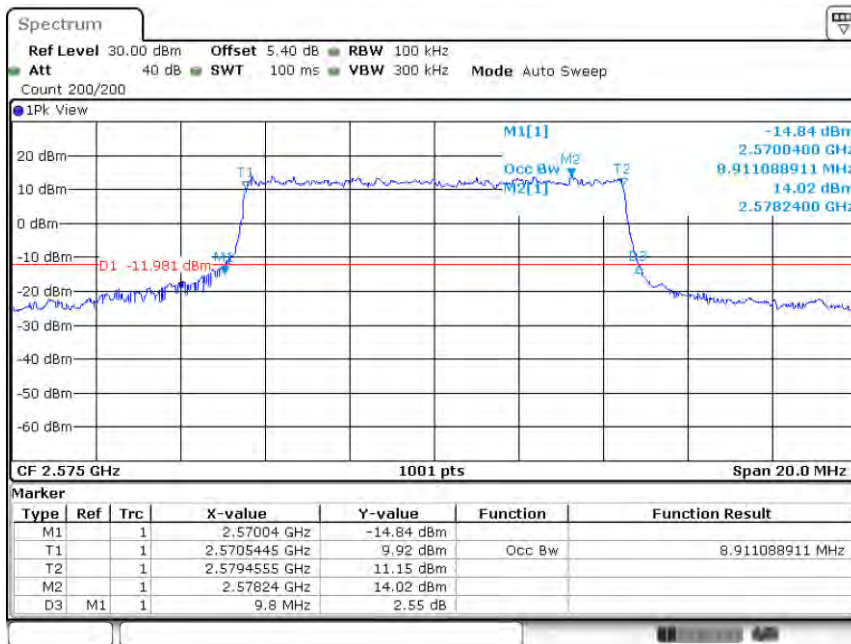


Band38-5MHz-16QAM-38225-25RB#0-4.496



Date: 12.MAY.2021 06:31:15

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



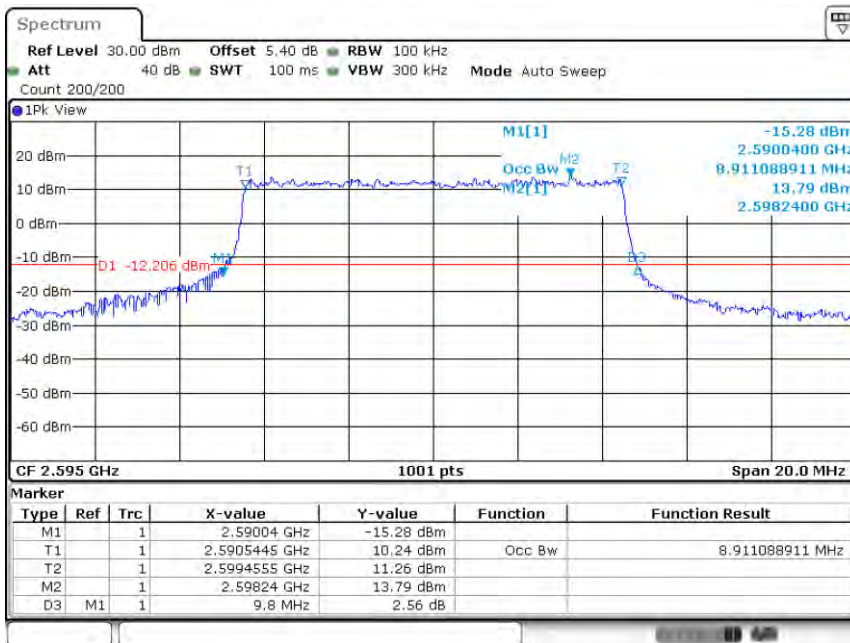
Date: 12.MAY.2021 06:31:52



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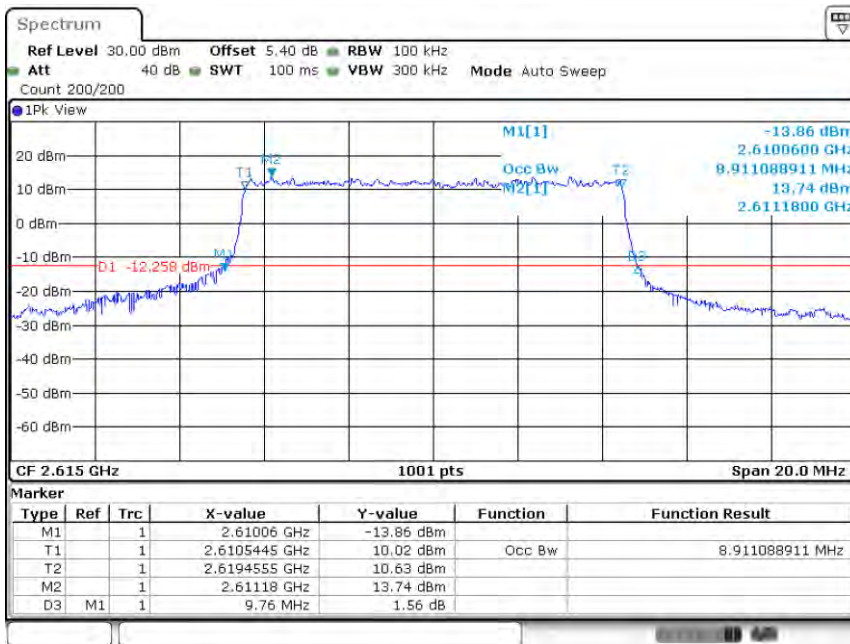


Band38-10MHz-QPSK-38000-50RB#0-8.911



Date: 12.MAY.2021 06:32:58

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



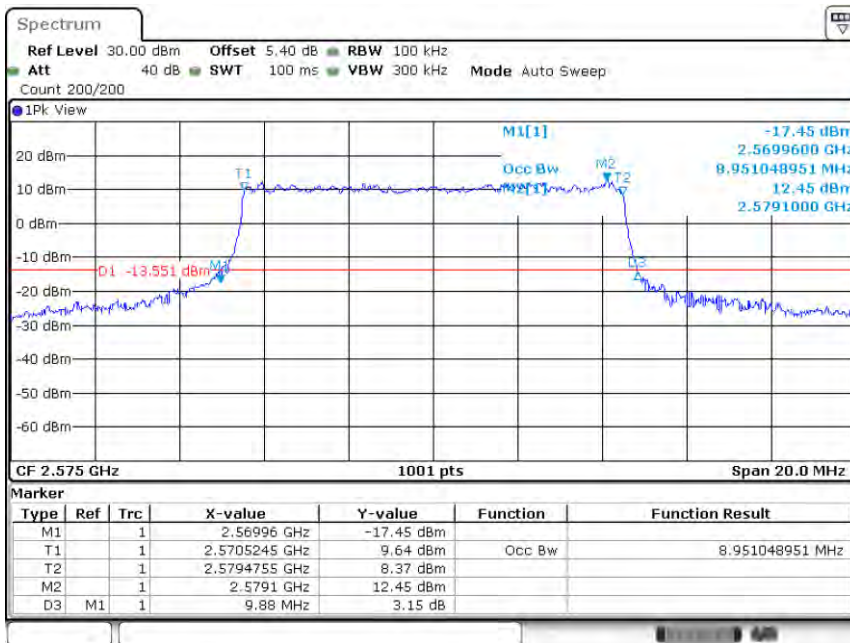
Date: 12.MAY.2021 06:34:03



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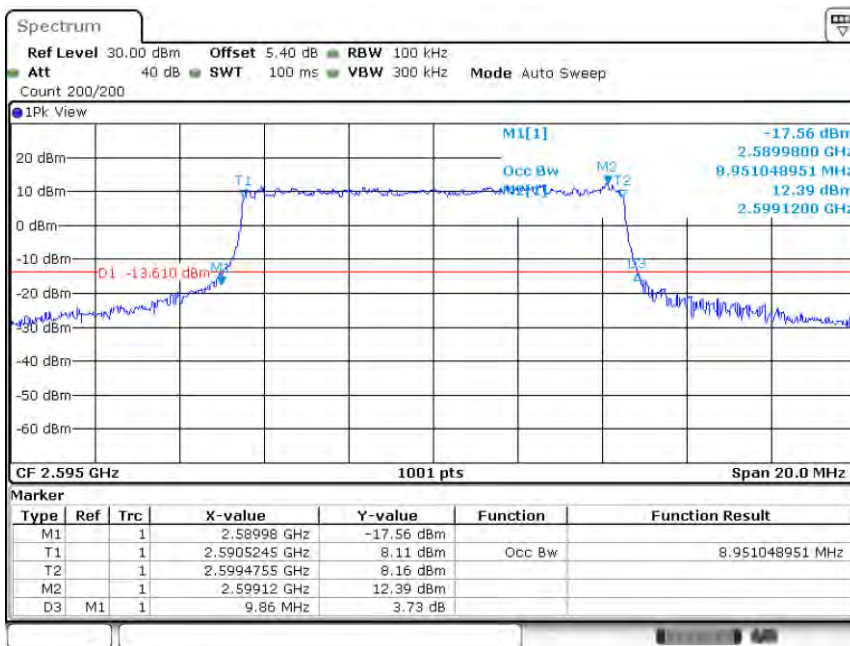


Band38-10MHz-64QAM-37800-50RB#0-8.951



Date: 12.MAY.2021 06:42:26

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



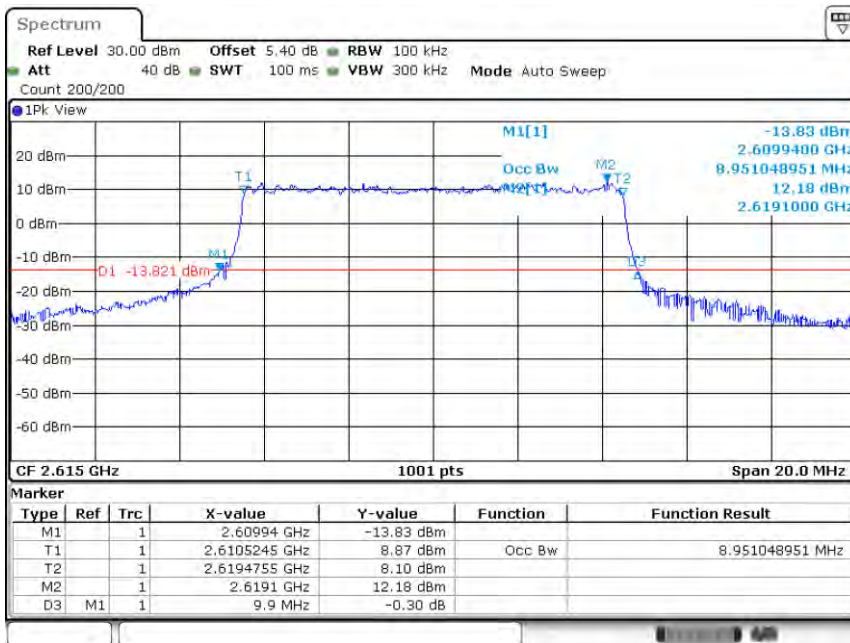
Date: 12.MAY.2021 06:42:58



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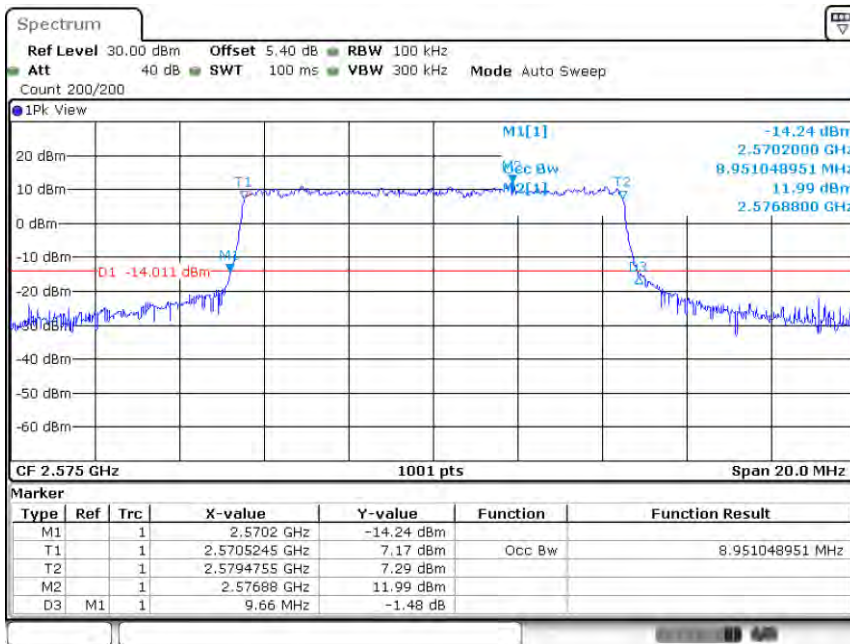


Band38-10MHz-64QAM-38200-50RB#0-8.951



Date: 12.MAY.2021 06:43:31

Band38-10MHz-256QAM-37800-50RB#0-8.951



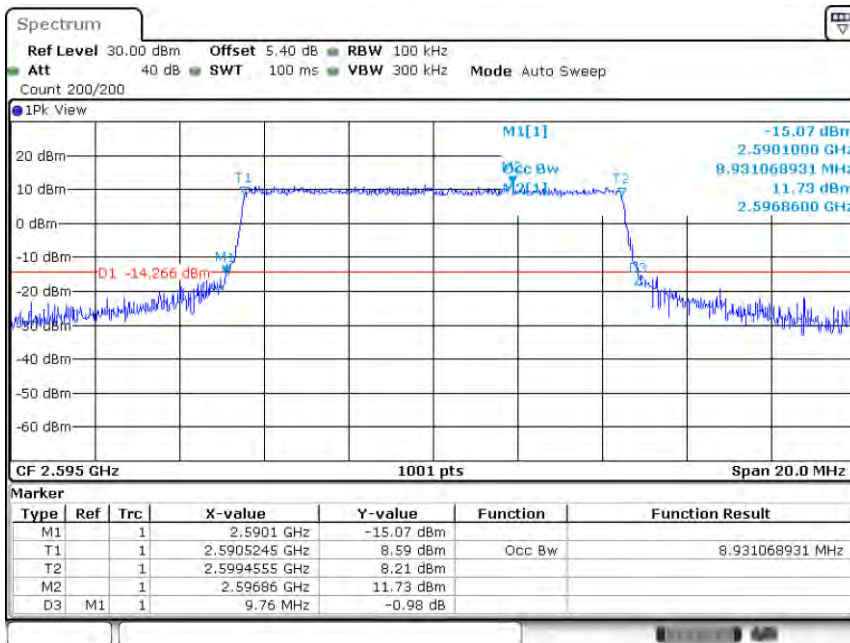
Date: 8.MAY.2021 04:17:10



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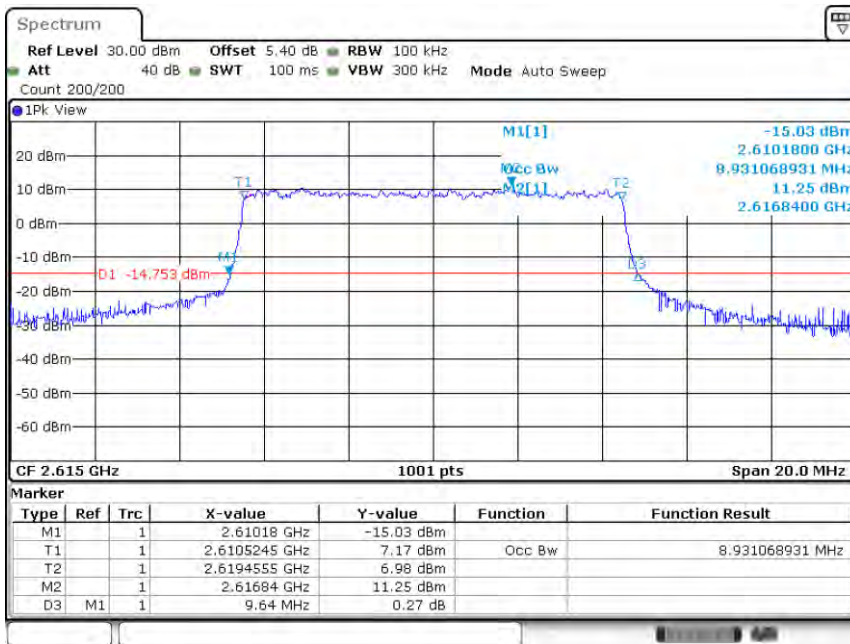


Band38-10MHz-256QAM-38000-50RB#0-8.931



Date: 8.MAY.2021 04:17:44

Band38-10MHz-256QAM-38200-50RB#0-8.931



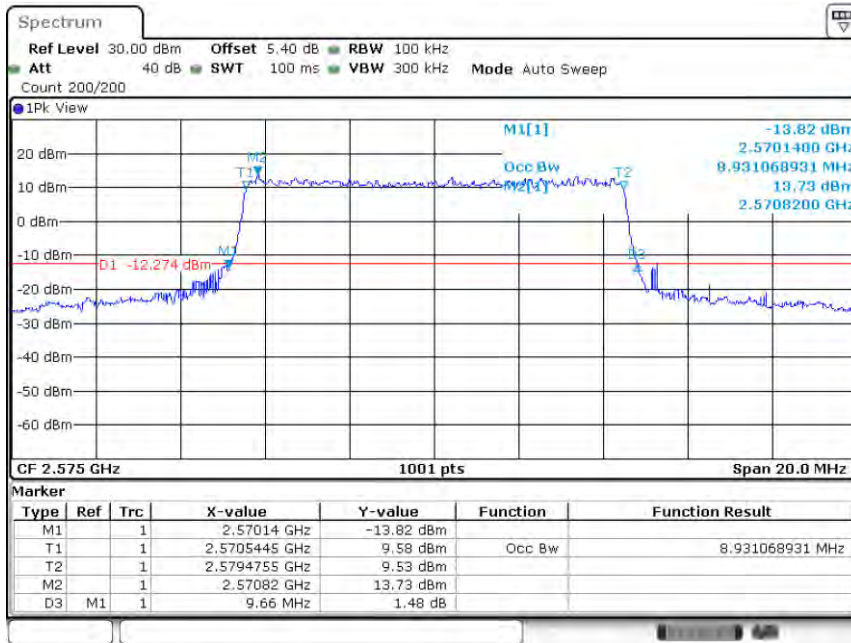
Date: 8.MAY.2021 04:18:17



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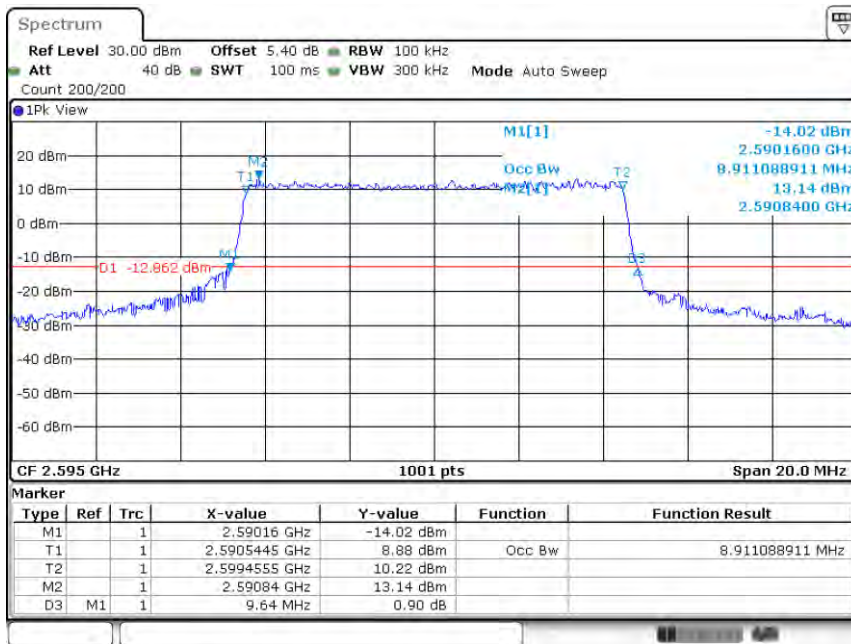


Band38-10MHz-16QAM-37800-50RB#0-8.931



Date: 12.MAY.2021 06:32:25

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



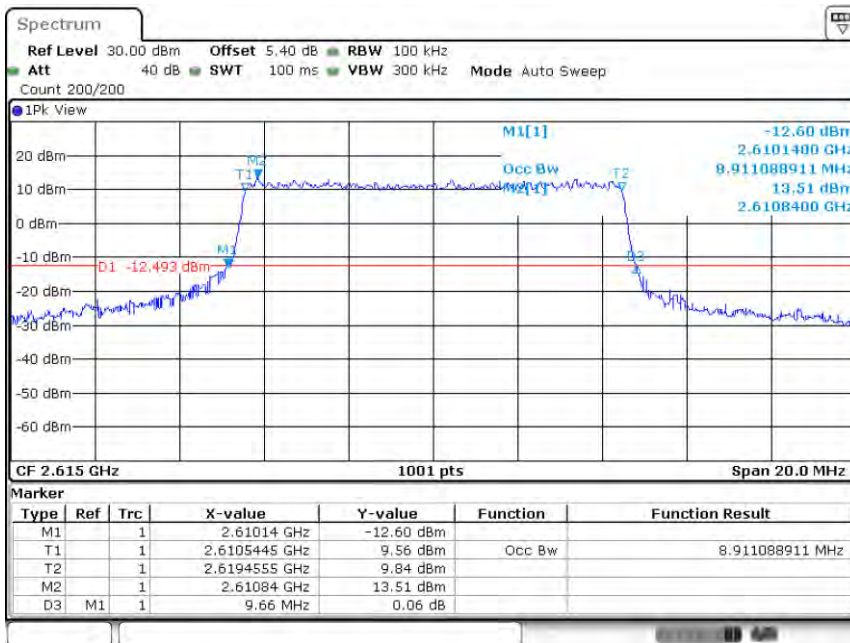
Date: 12.MAY.2021 06:33:30



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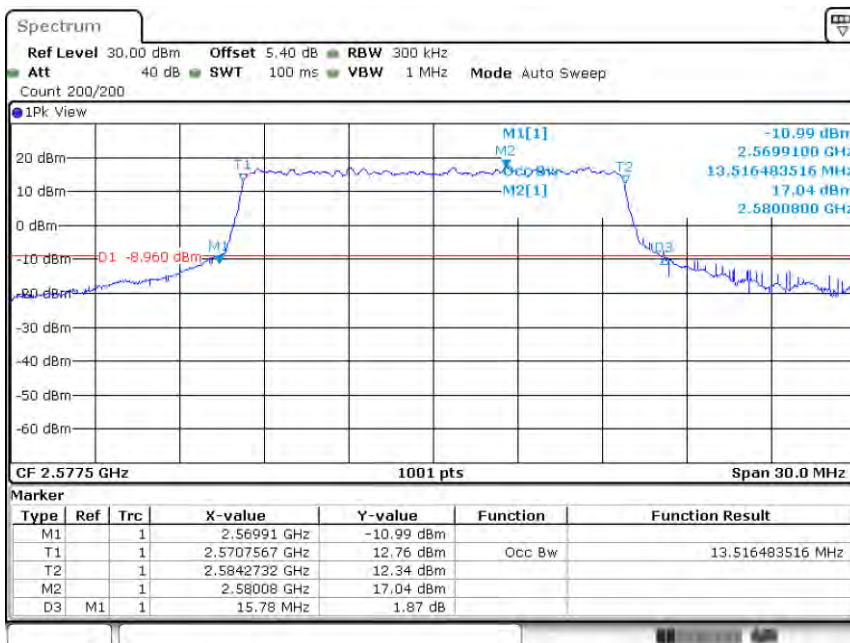


Band38-10MHz-16QAM-38200-50RB#0-8.911



Date: 12.MAY.2021 06:34:36

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

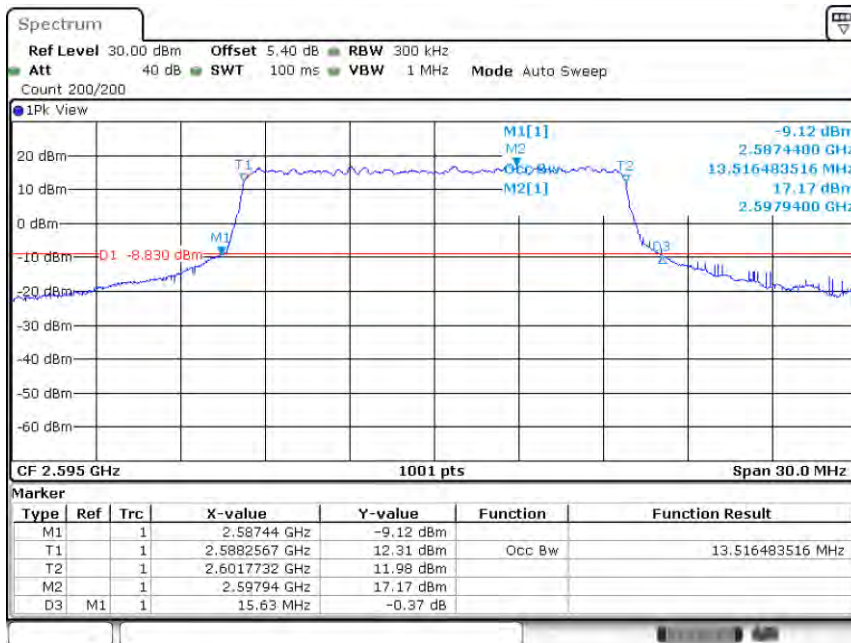


Date: 12.MAY.2021 07:57:00



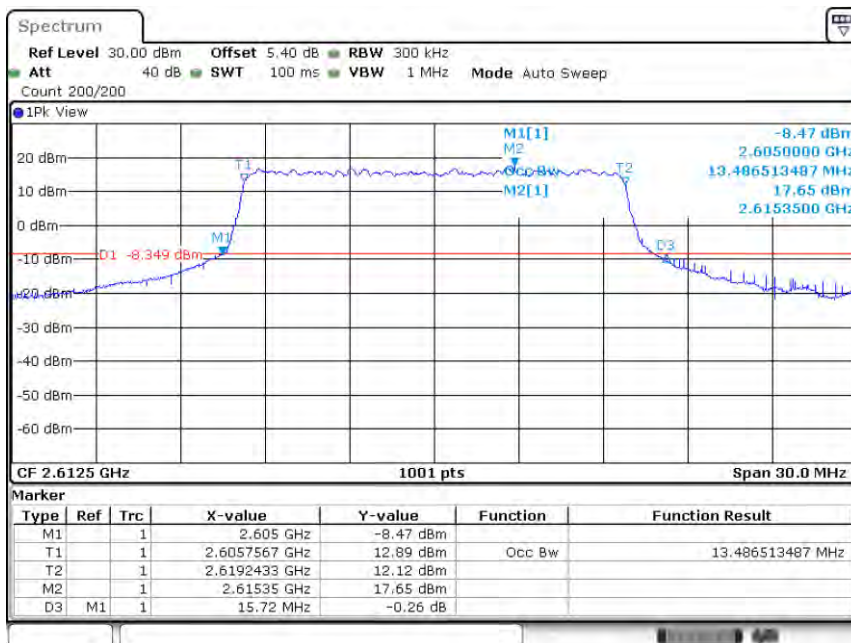
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Band38-15MHz-QPSK-38000-75RB#0-13.516



Date: 12.MAY.2021 07:58:25

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

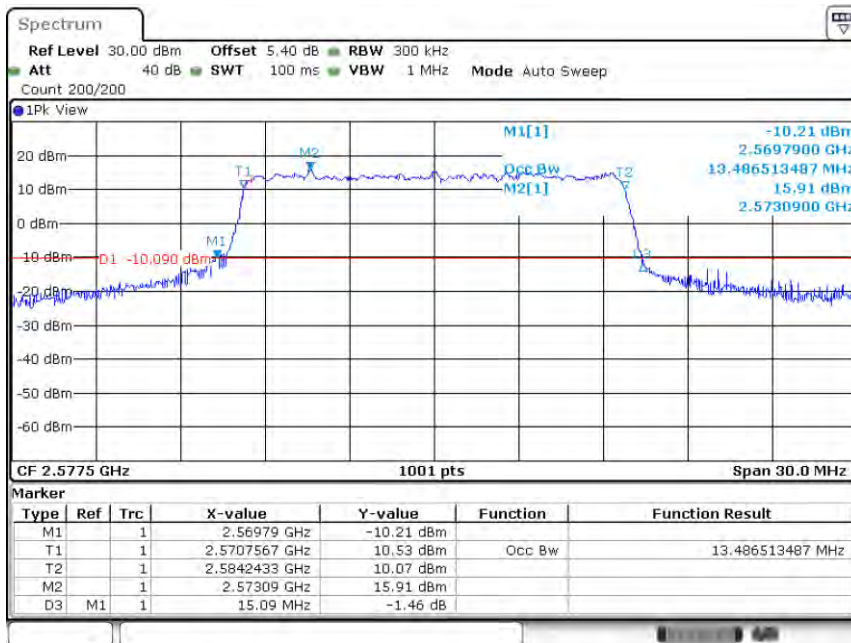


Date: 12.MAY.2021 08:00:07



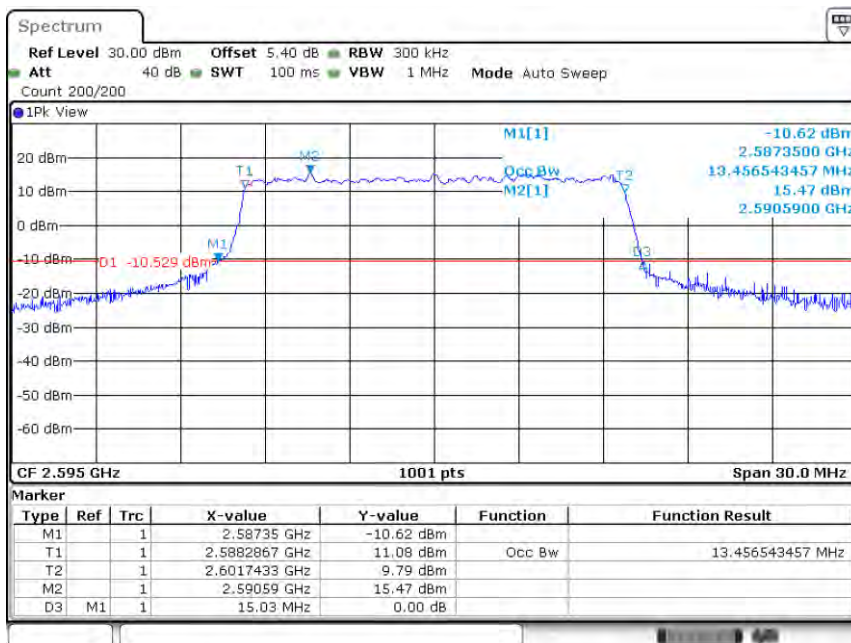
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Band38-15MHz-64QAM-37825-75RB#0-13.487



Date: 12.MAY.2021 06:44:09

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

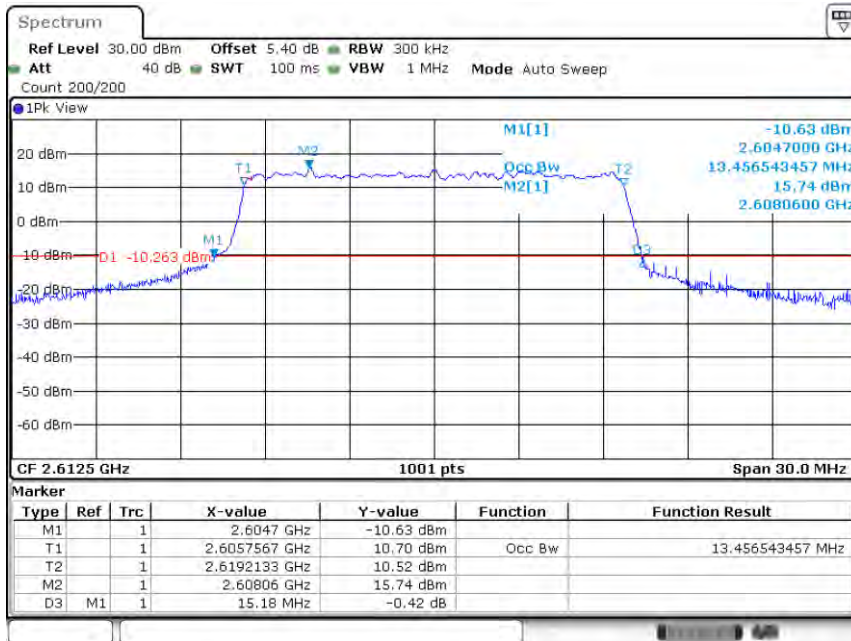


Date: 12.MAY.2021 06:44:42



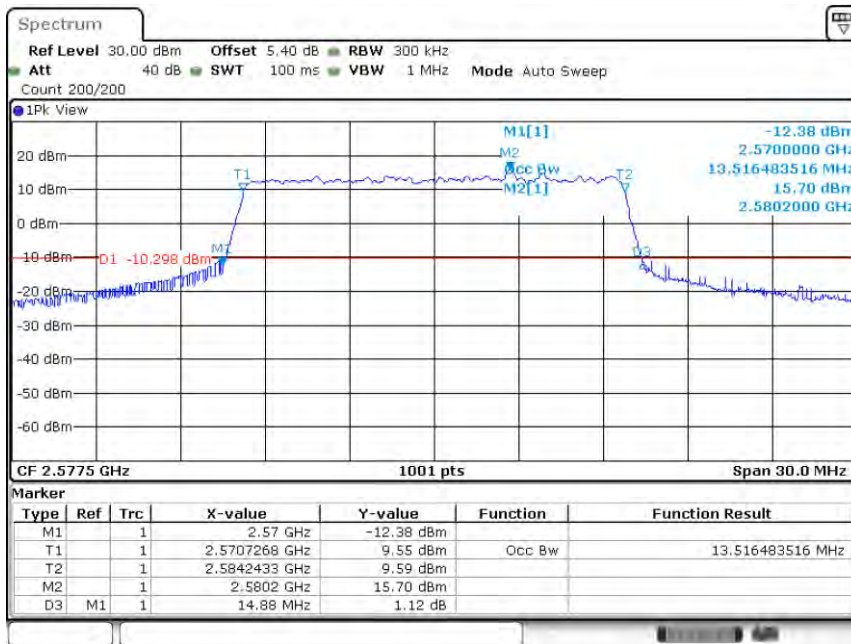
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Band38-15MHz-64QAM-38175-75RB#0-13.457



Date: 12.MAY.2021 06:45:15

Band38-15MHz-256QAM-37825-75RB#0-13.516

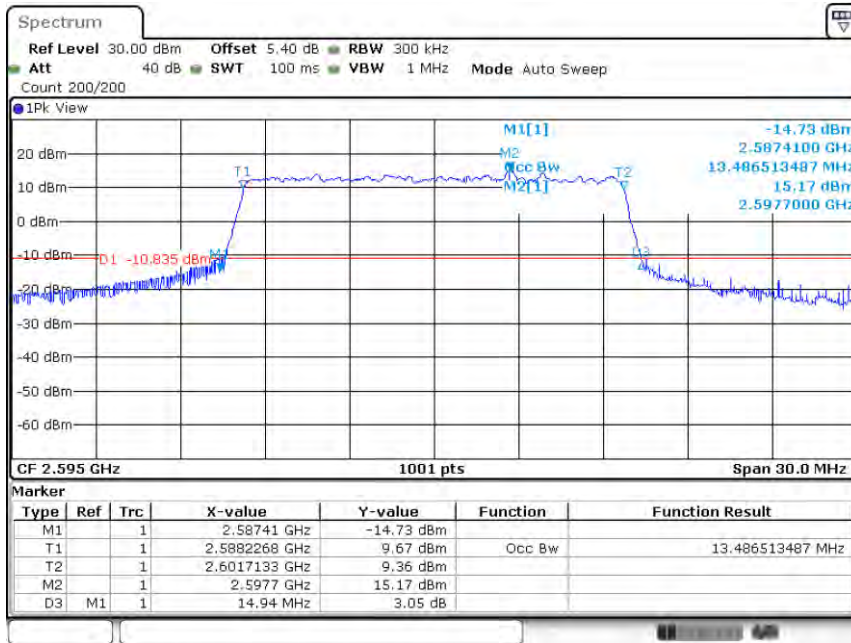


Date: 8.MAY.2021 04:18:56



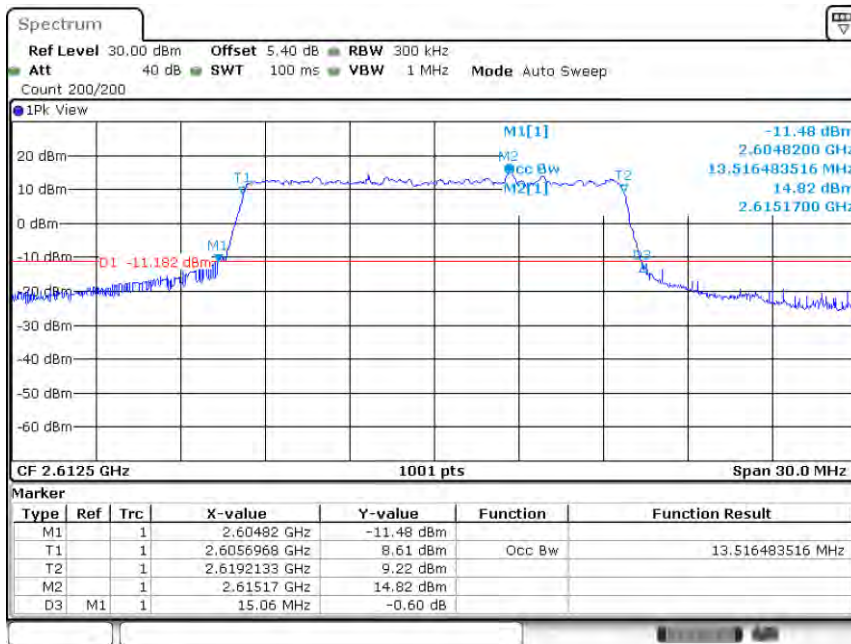
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Band38-15MHz-256QAM-38000-75RB#0-13.487



Date: 8.MAY.2021 04:19:29

Band38-15MHz-256QAM-38175-75RB#0-13.516



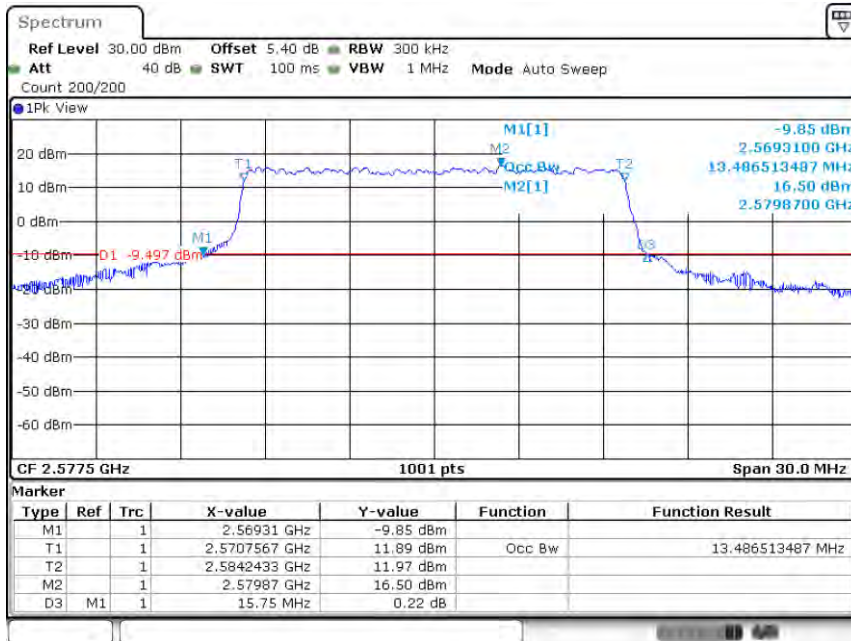
Date: 8.MAY.2021 04:20:02



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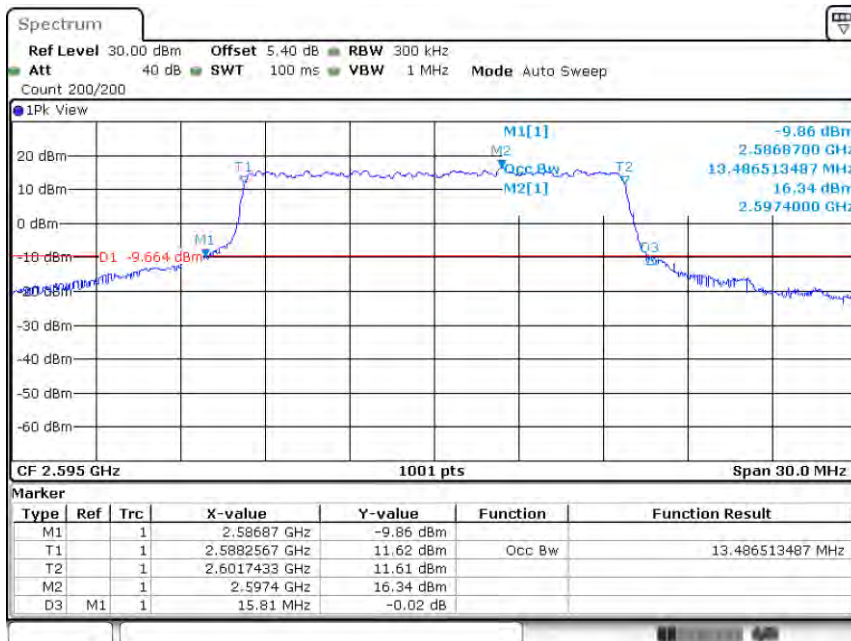


Band38-15MHz-16QAM-37825-75RB#0-13.487



Date: 12.MAY.2021 07:57:41

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

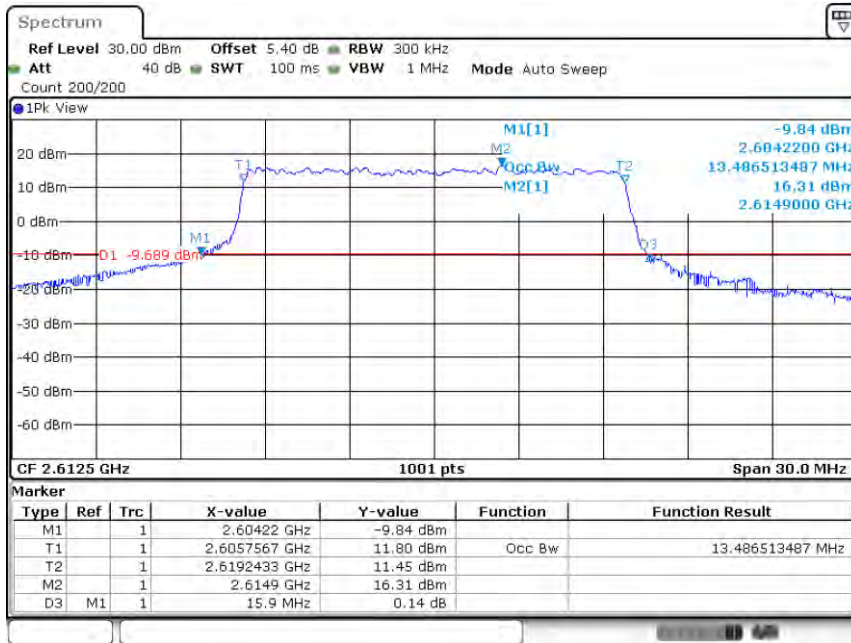


Date: 12.MAY.2021 07:59:18



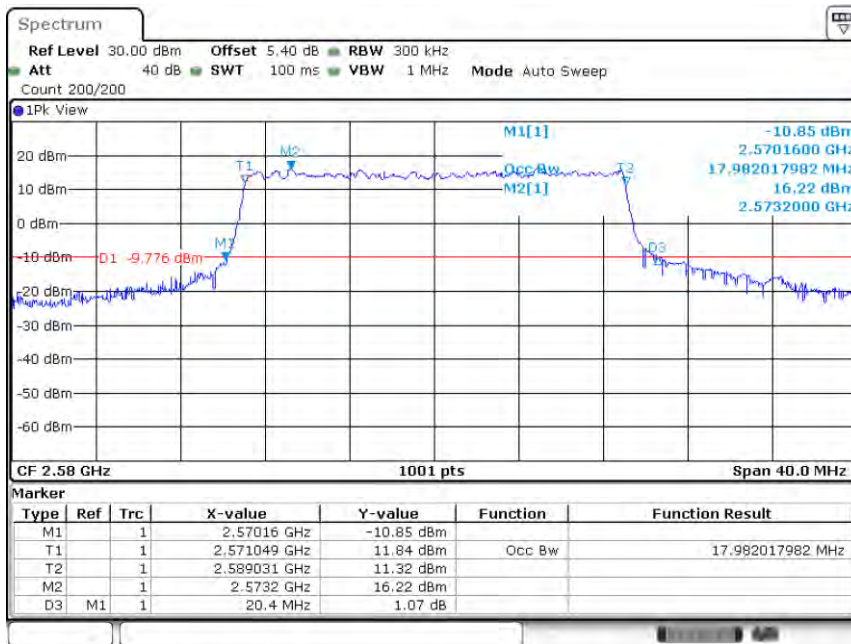
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Band38-15MHz-16QAM-38175-75RB#0-13.487



Date: 12.MAY.2021 08:00:54

Band38-20MHz-QPSK-37850-100RB#0-17.982



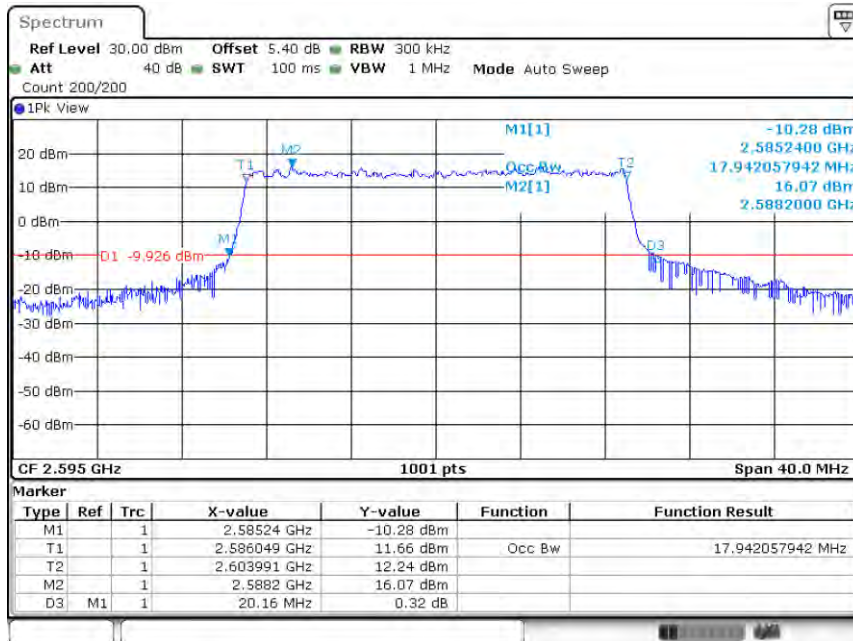
Date: 12.MAY.2021 05:59:43



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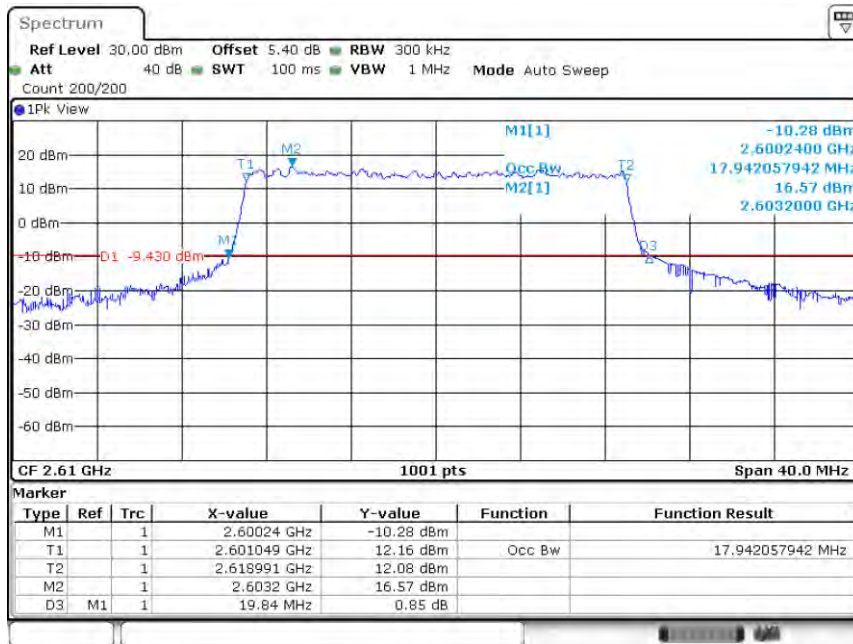


Band38-20MHz-QPSK-38000-100RB#0-17.942



Date: 12.MAY 2021 06:00:49

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

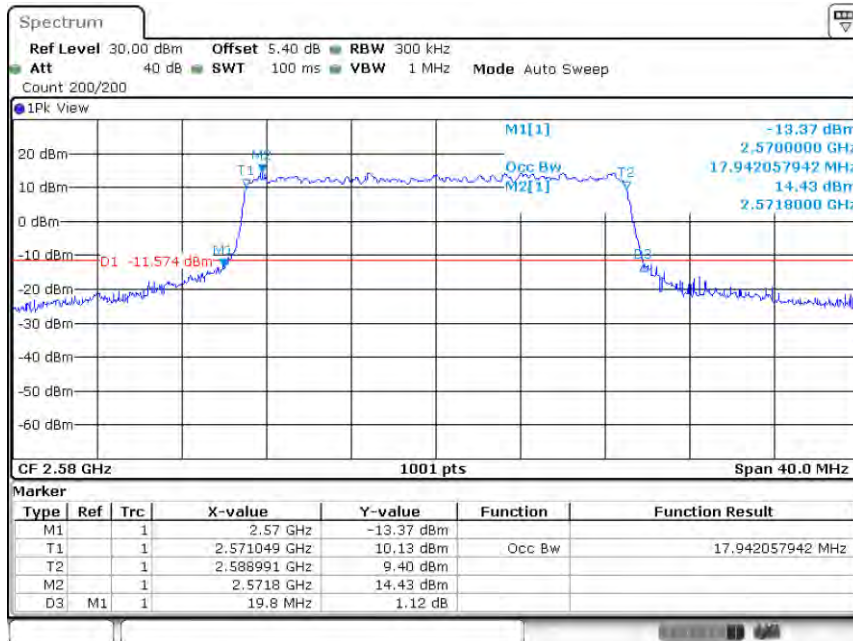


Date: 12.MAY 2021 06:01:54



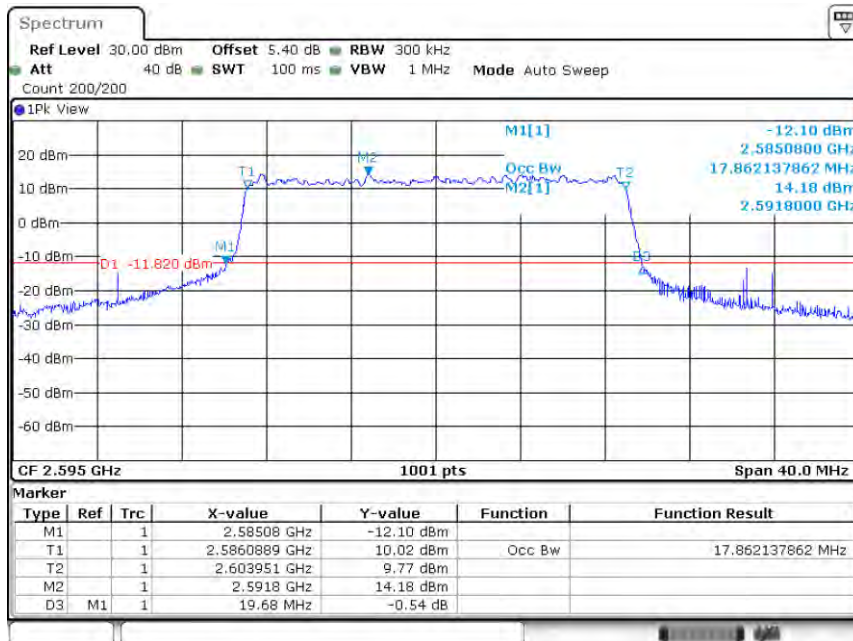
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Band38-20MHz-64QAM-37850-100RB#0-17.942



Date: 12.MAY 2021 06:45:52

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



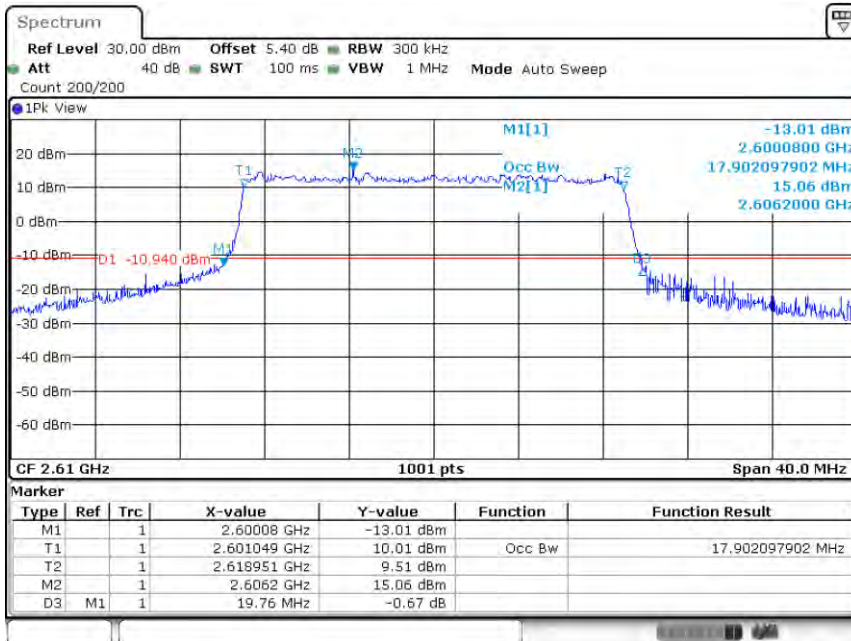
Date: 12.MAY 2021 06:46:25



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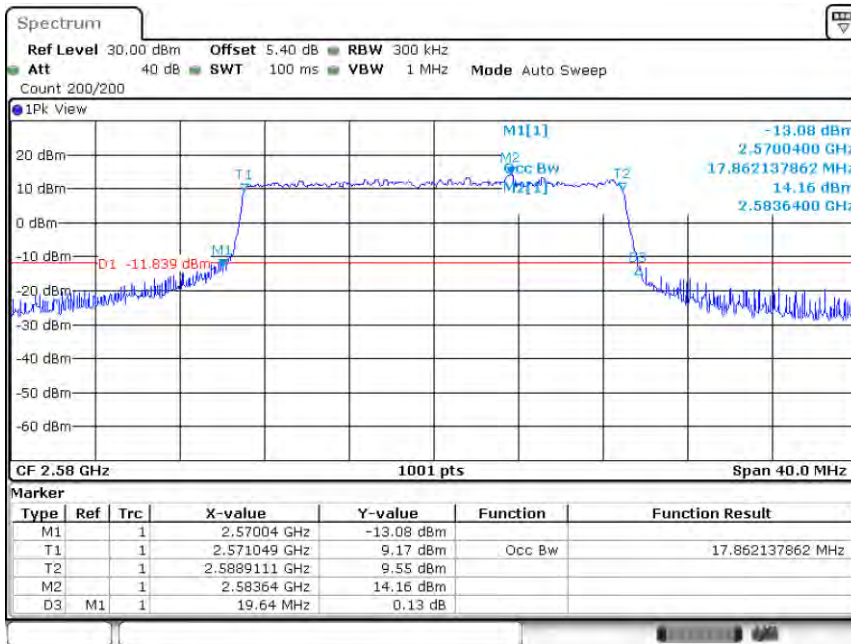


Band38-20MHz-64QAM-38150-100RB#0-17.902



Date: 12.MAY.2021 06:47:19

Band38-20MHz-256QAM-37850-100RB#0-17.862

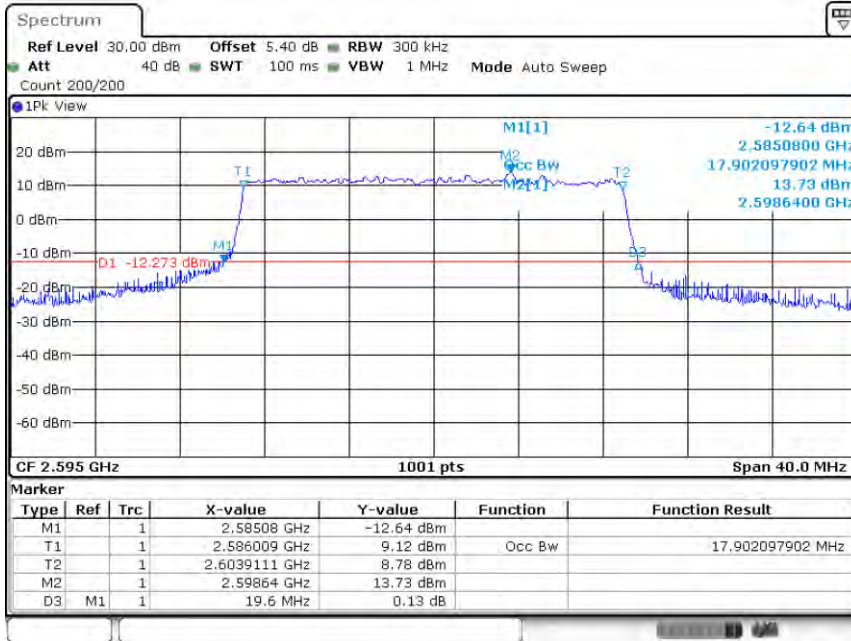


Date: 8.MAY.2021 04:20:41



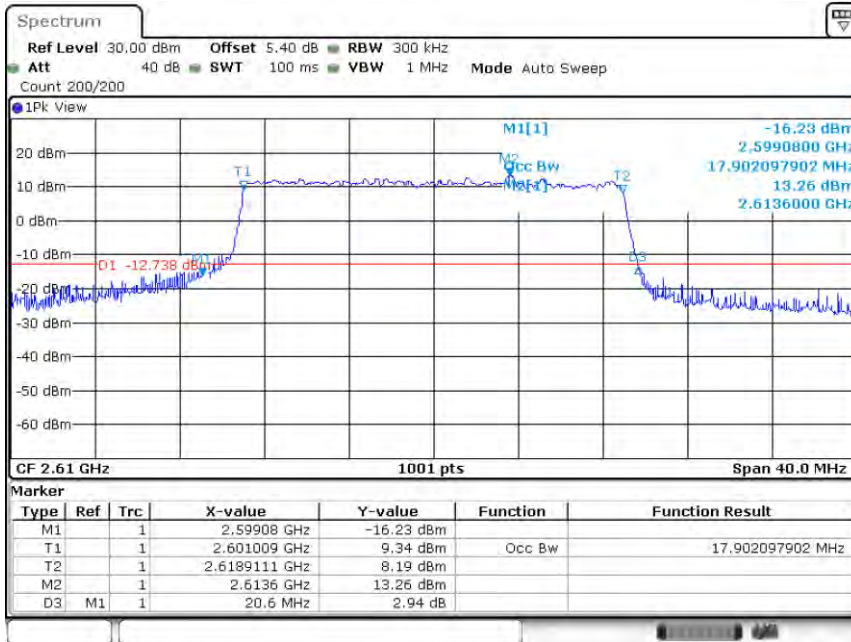
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Band38-20MHz-256QAM-38000-100RB#0-17.902



Date: 8.MAY.2021 04:21:14

Band38-20MHz-256QAM-38150-100RB#0-17.902



Date: 8.MAY.2021 04:21:47

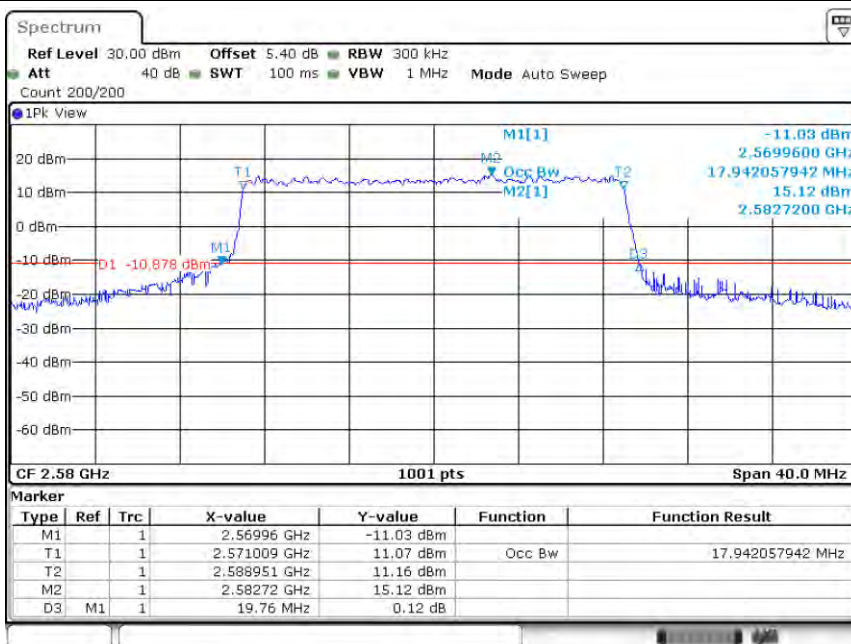


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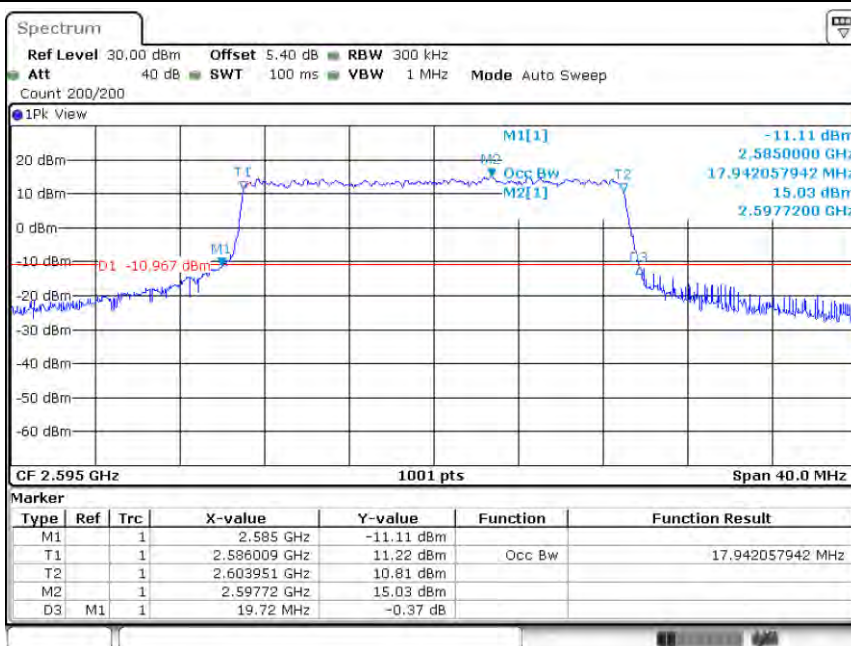


Band38-20MHz-16QAM-37850-100RB#0-17.942



Date: 12.MAY.2021 06:00:16

Band38-20MHz-16QAM-38000-100RB#0-17.942

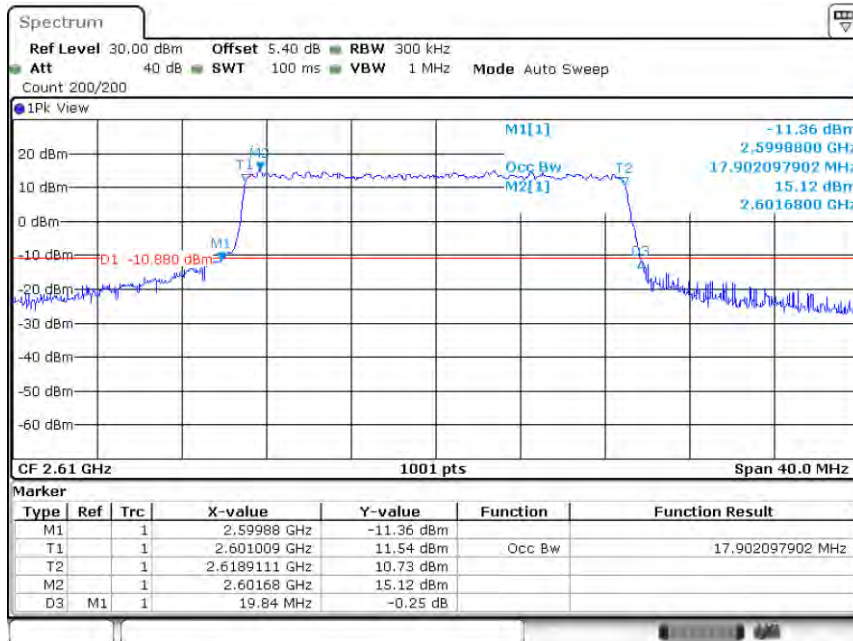


Date: 12.MAY.2021 06:01:21



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



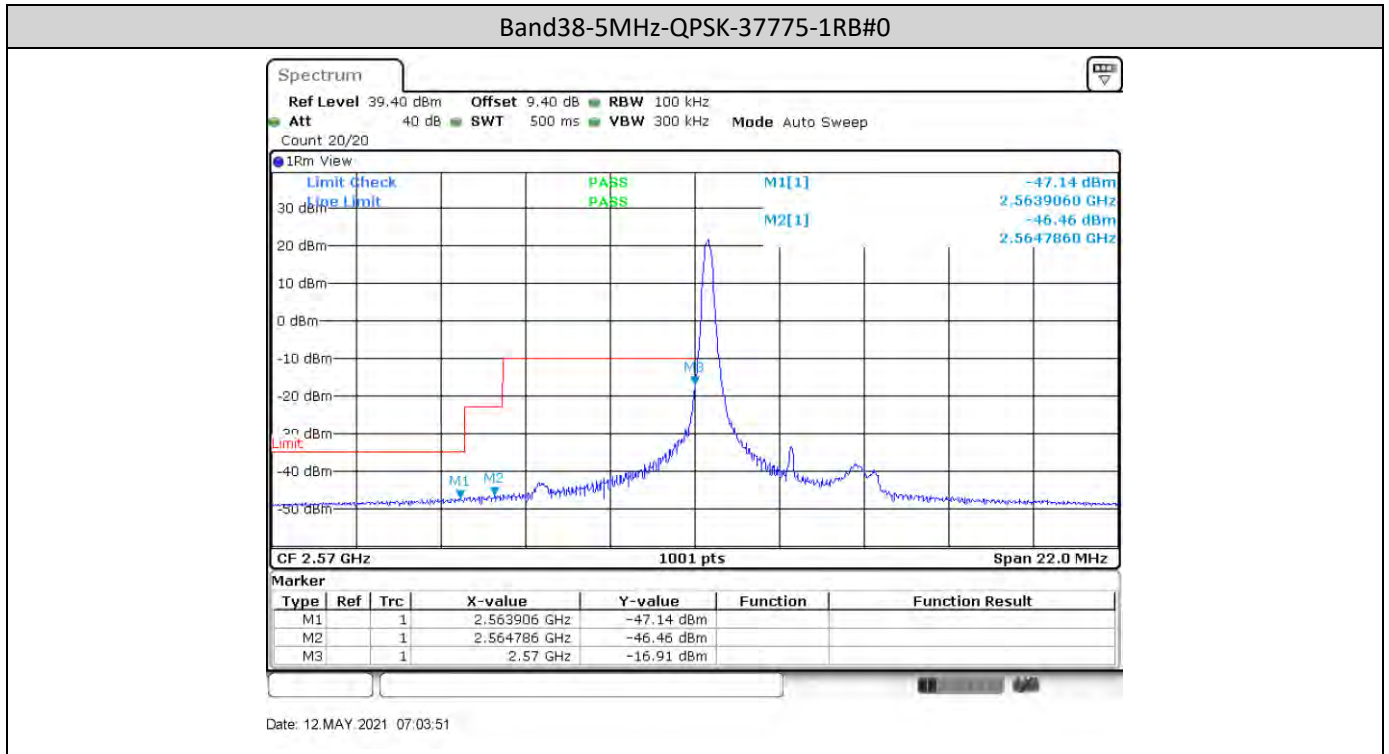
Date: 12.MAY 2021 06:02:27



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5. Band Edge Compliance

5.1. Test Plots

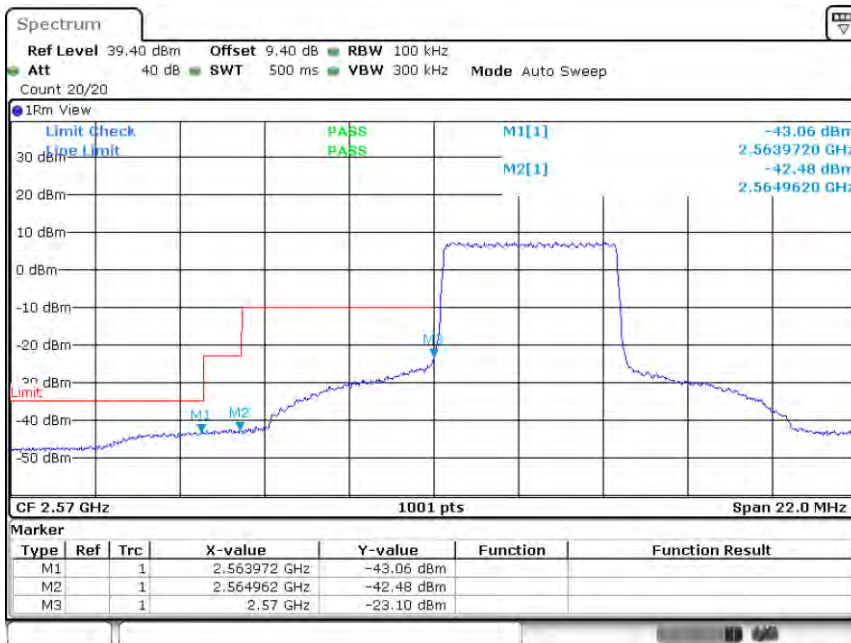


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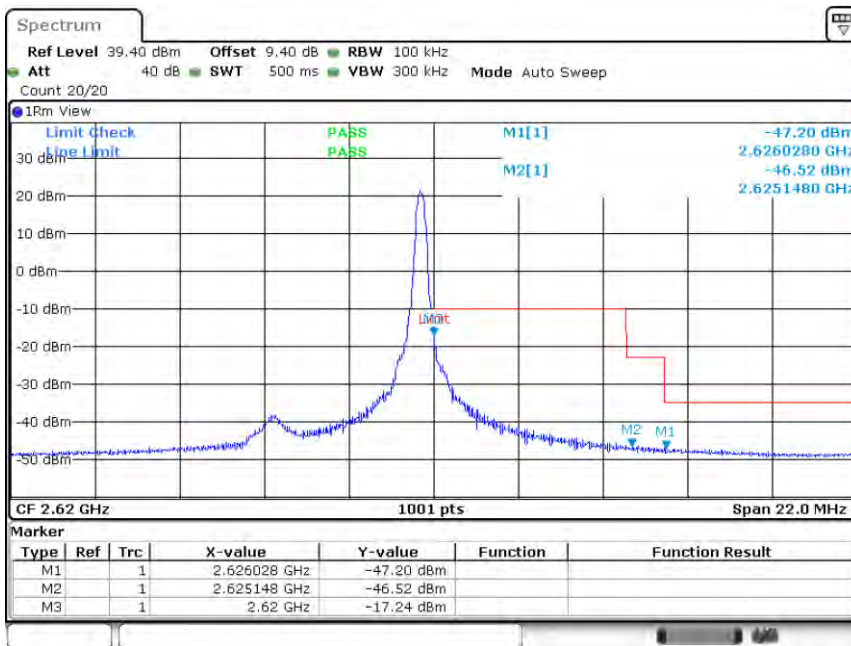
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Band38-5MHz-QPSK-37775-25RB#0



Date: 12.MAY 2021 07:05:26

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



Date: 12.MAY 2021 07:04:38



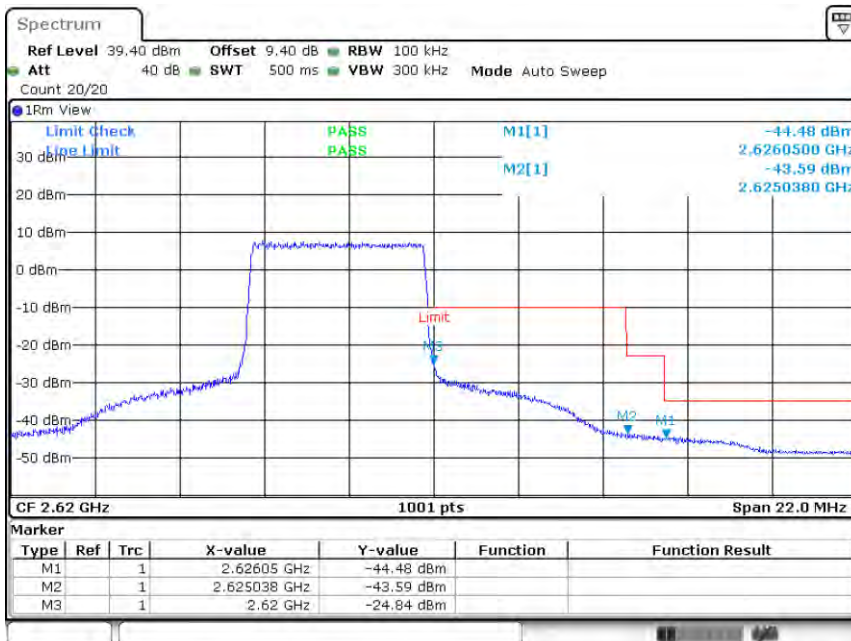
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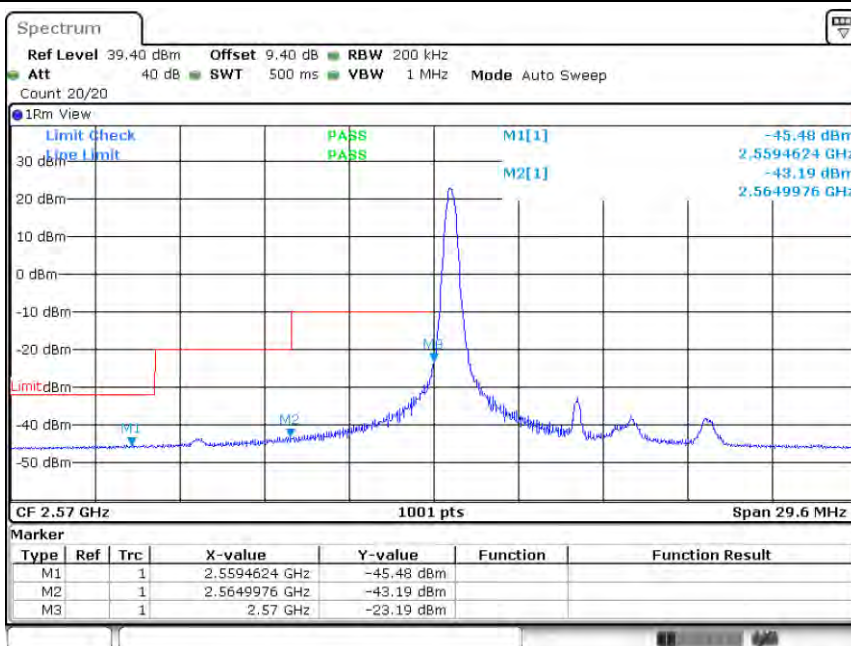


Band38-5MHz-QPSK-38225-25RB#0



Date: 12.MAY 2021 07:06:09

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



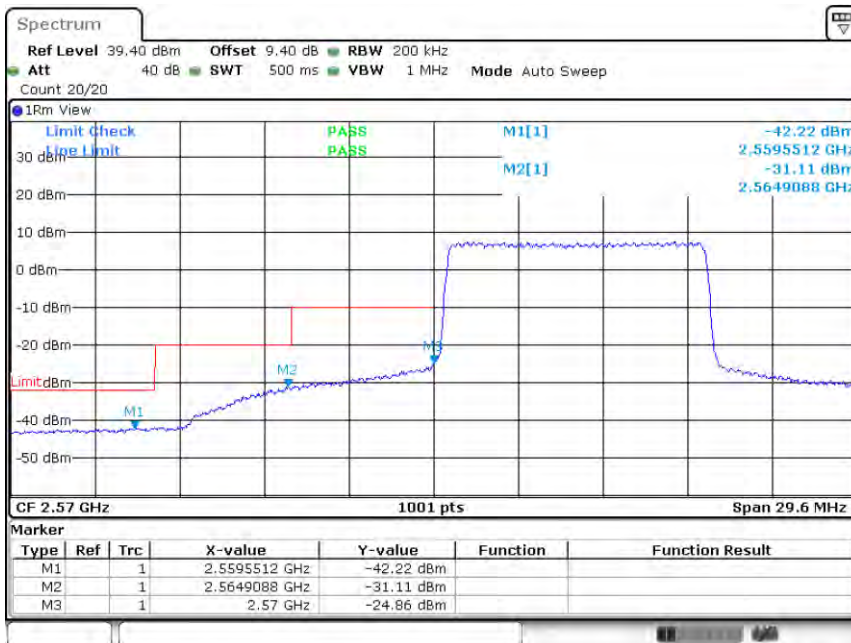
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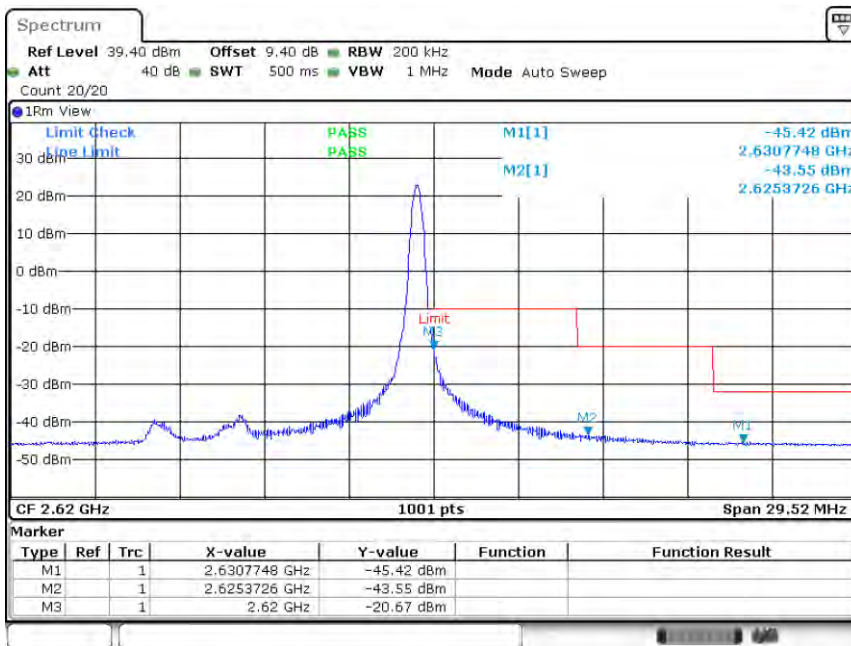


Band38-10MHz-QPSK-37800-50RB#0



Date: 12.MAY 2021 07:08:34

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

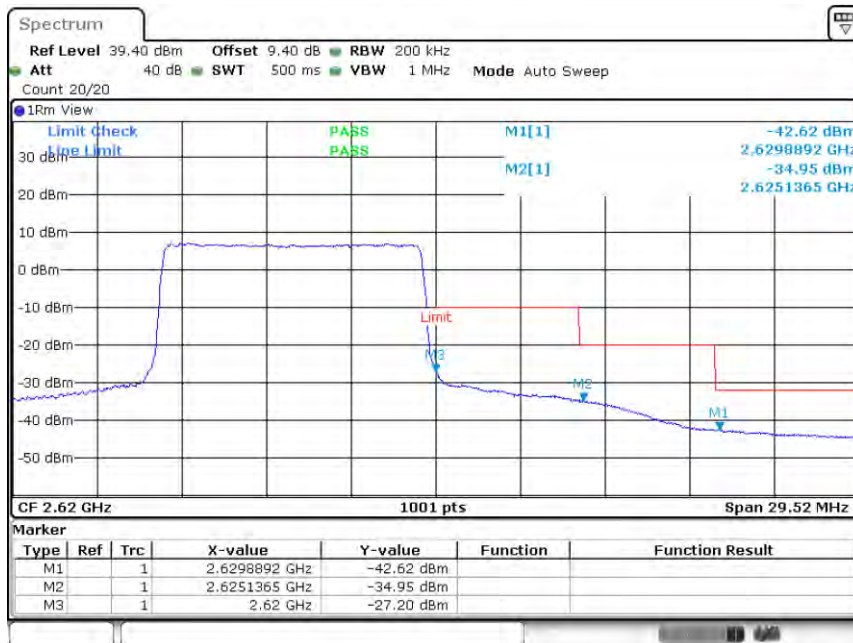


Date: 12.MAY 2021 07:07:46



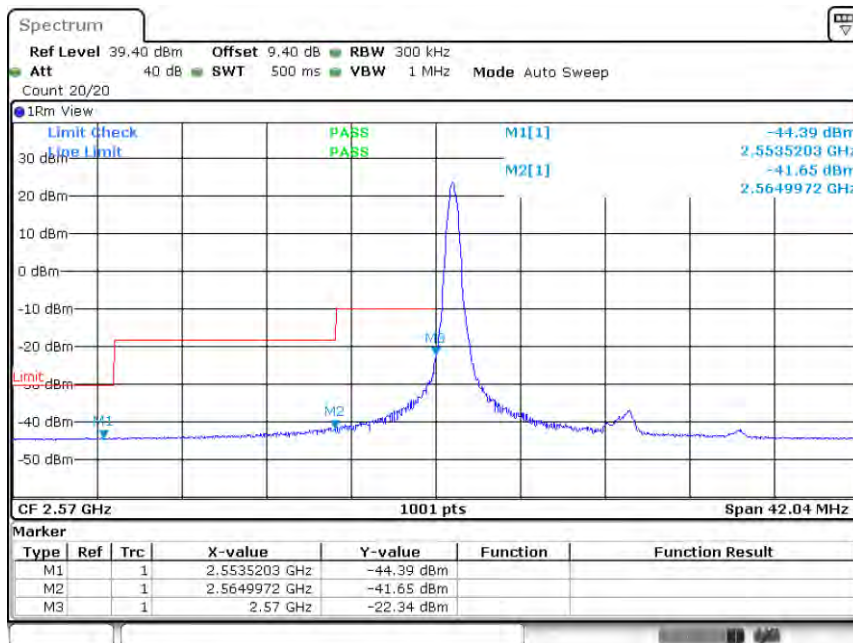
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Band38-10MHz-QPSK-38200-50RB#0



Date: 12.MAY 2021 07:09:17

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

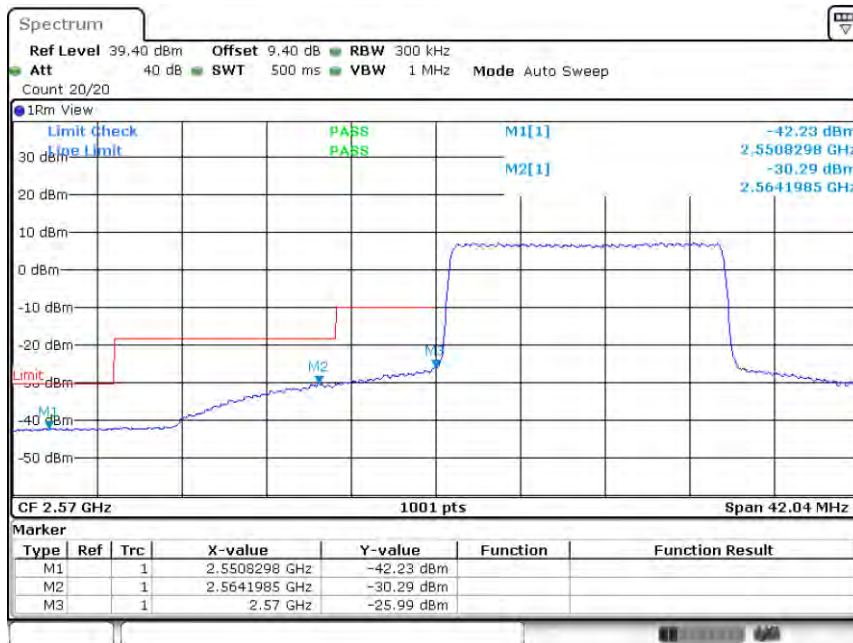


Date: 12.MAY 2021 07:10:05



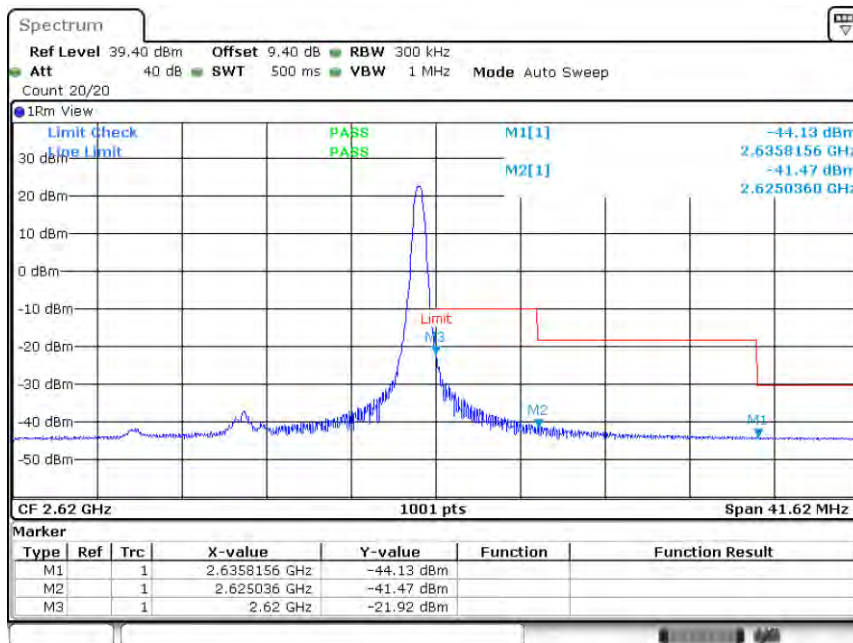
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Band38-15MHz-QPSK-37825-75RB#0



Date: 12.MAY 2021 07:11:40

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

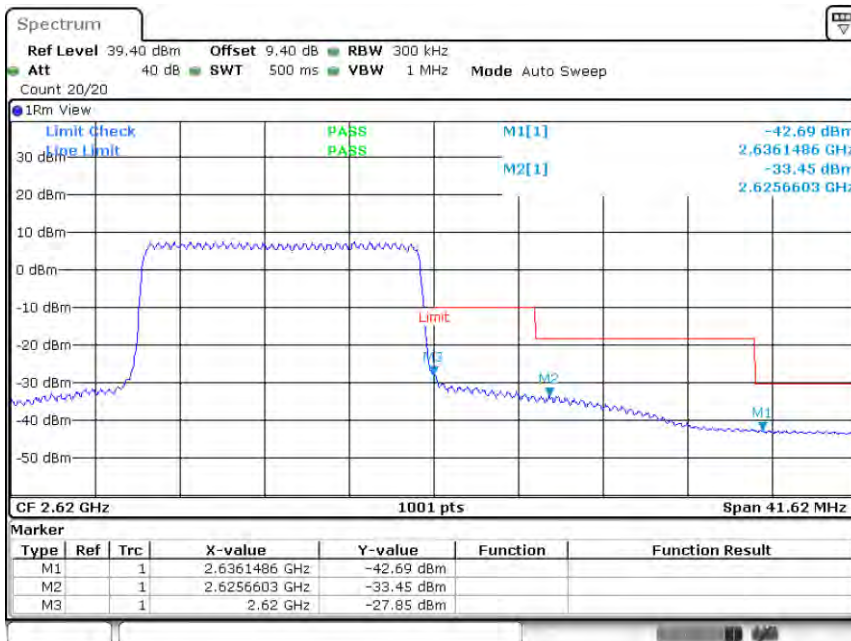


Date: 12.MAY 2021 07:10:53



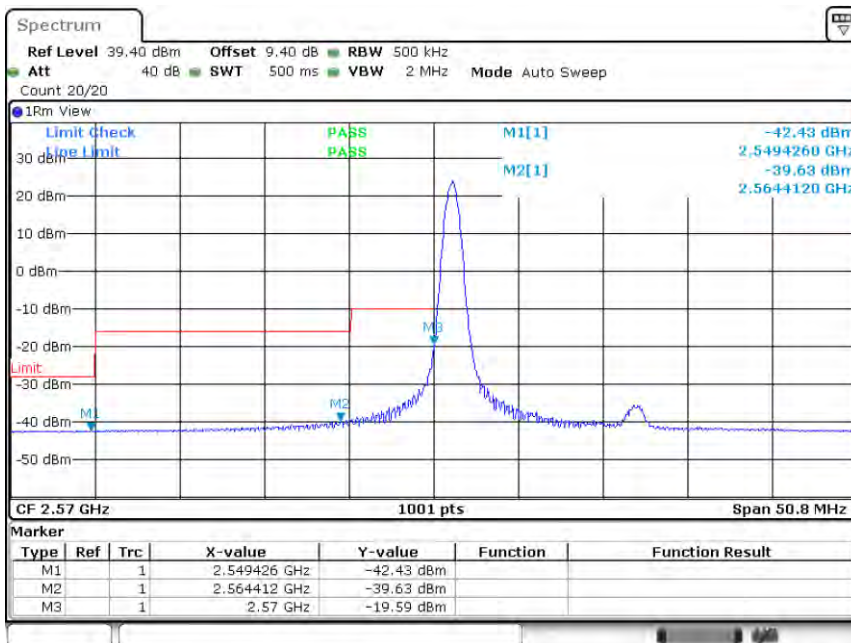
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Band38-15MHz-QPSK-38175-75RB#0



Date: 12.MAY 2021 07:12:24

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

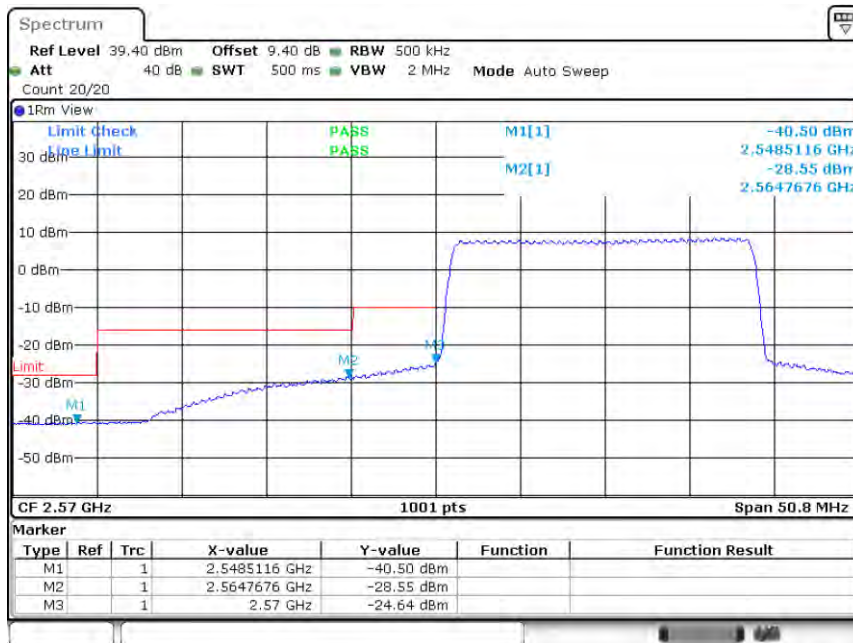


Date: 12.MAY 2021 07:13:16



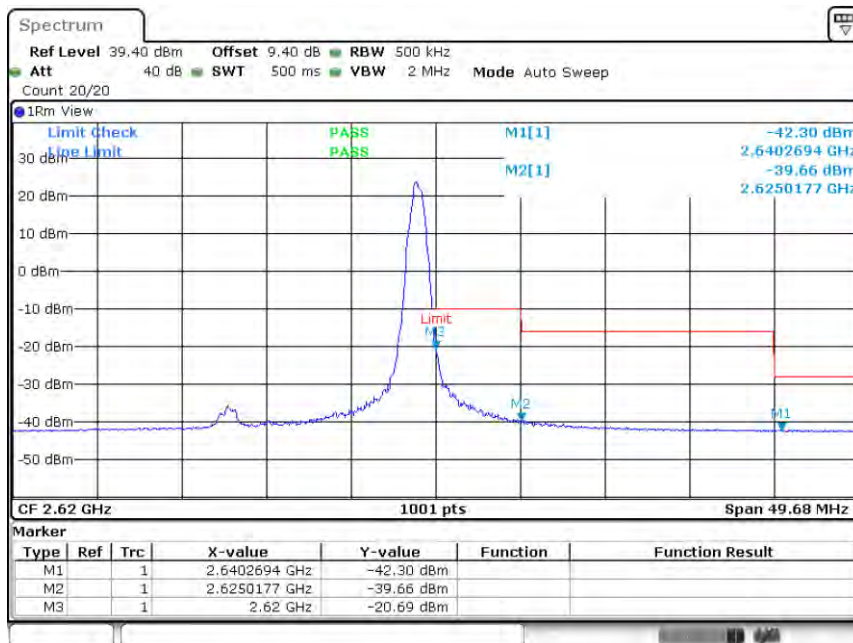
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Band38-20MHz-QPSK-37850-100RB#0



Date: 12.MAY 2021 07:14:54

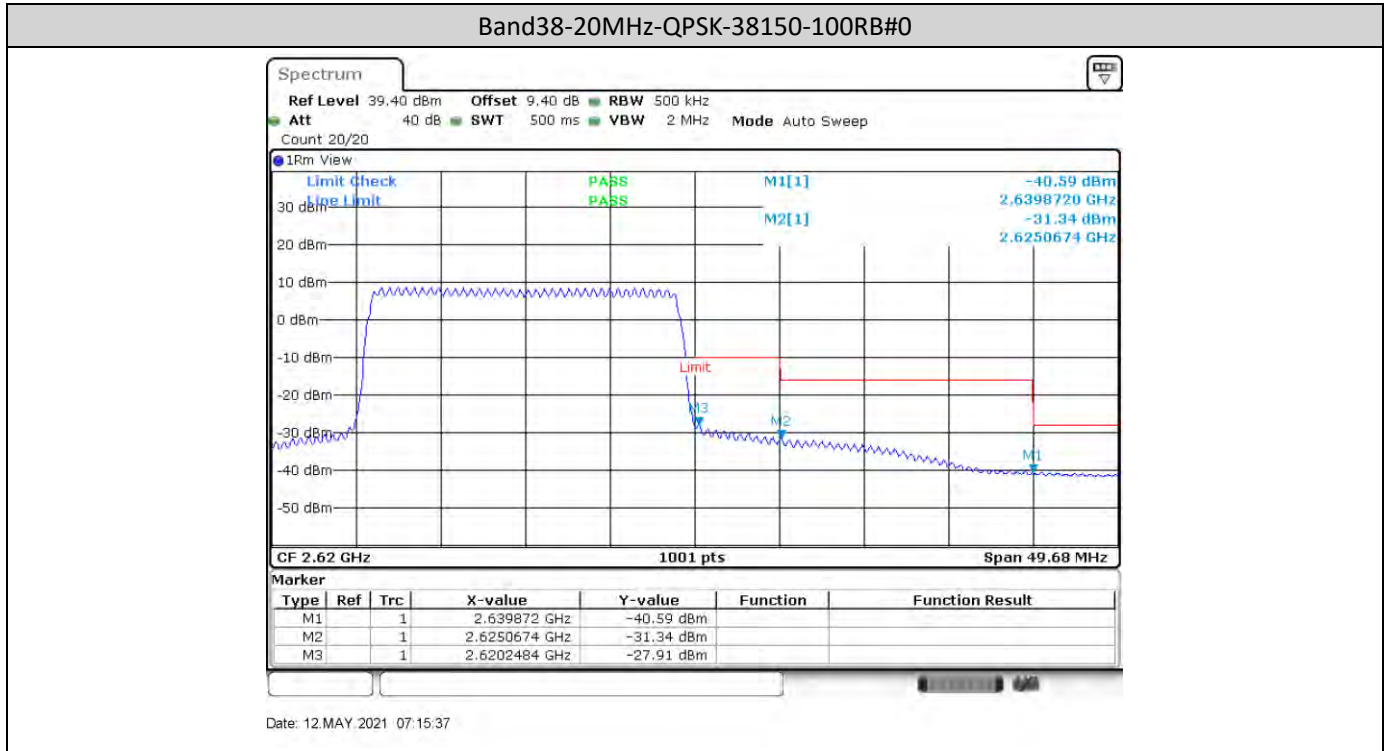
Band38-20MHz-QPSK-38150-1RB#99



Date: 12.MAY 2021 07:14:06



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



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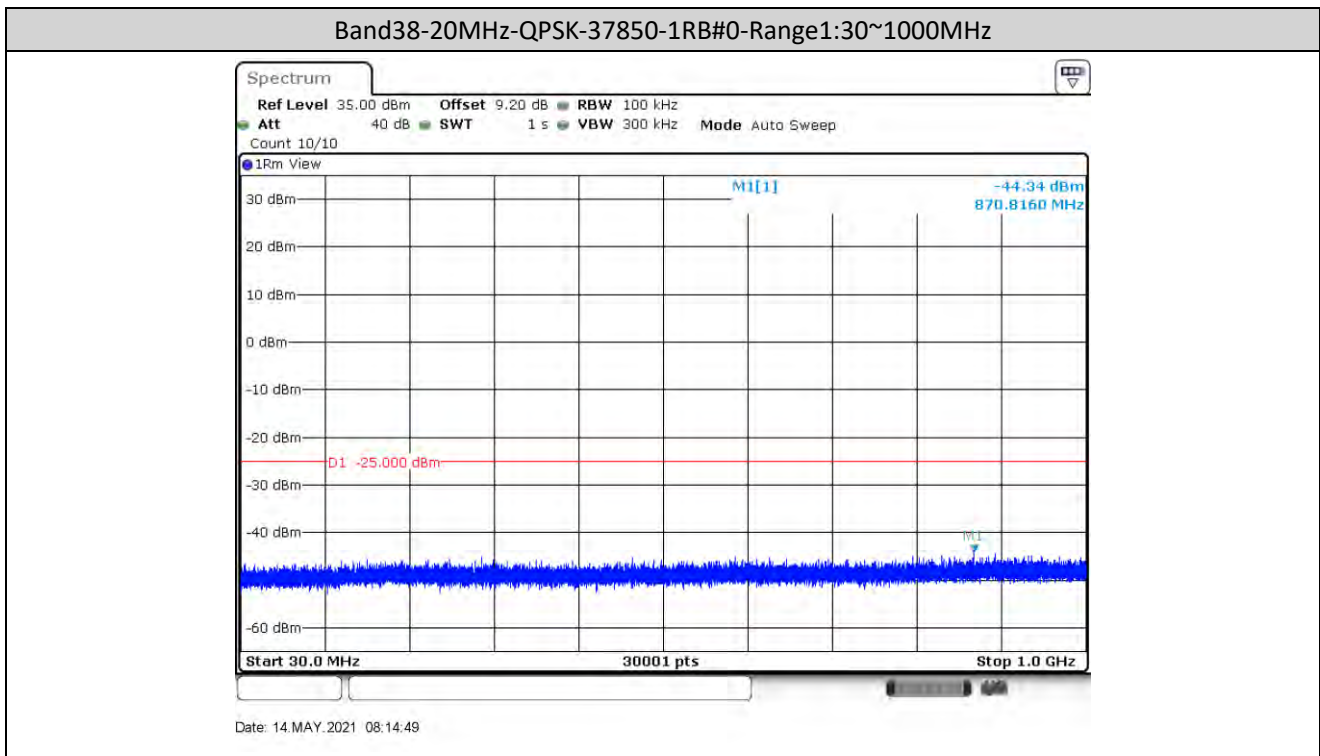
6. Spurious Emission at Antenna Terminal

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

Remark2: According to 971168 D01 Power Meas License Digital Systems, The amplitudes of unwanted emissions that are attenuated more than 20 dB below the applicable limit are not required to be reported.

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

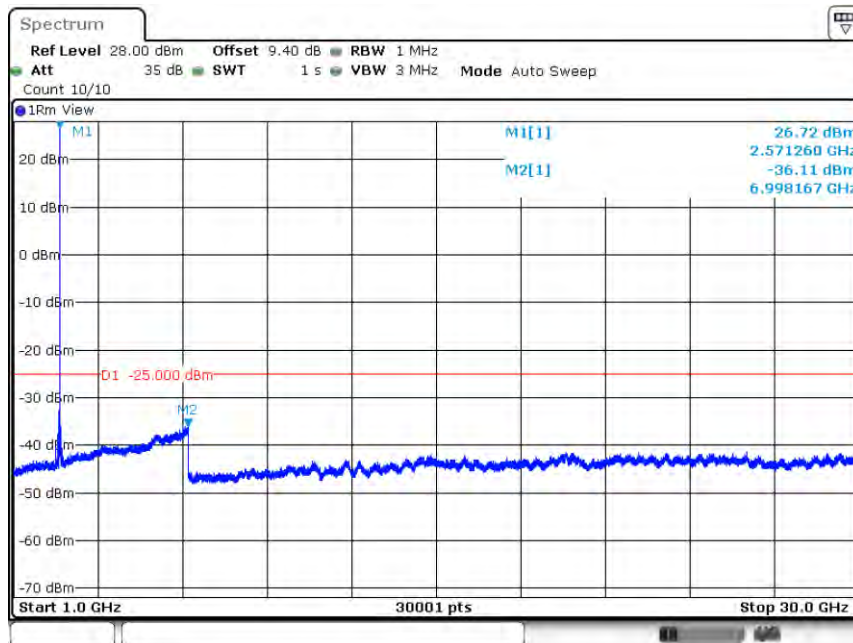
6.1. Test Plots



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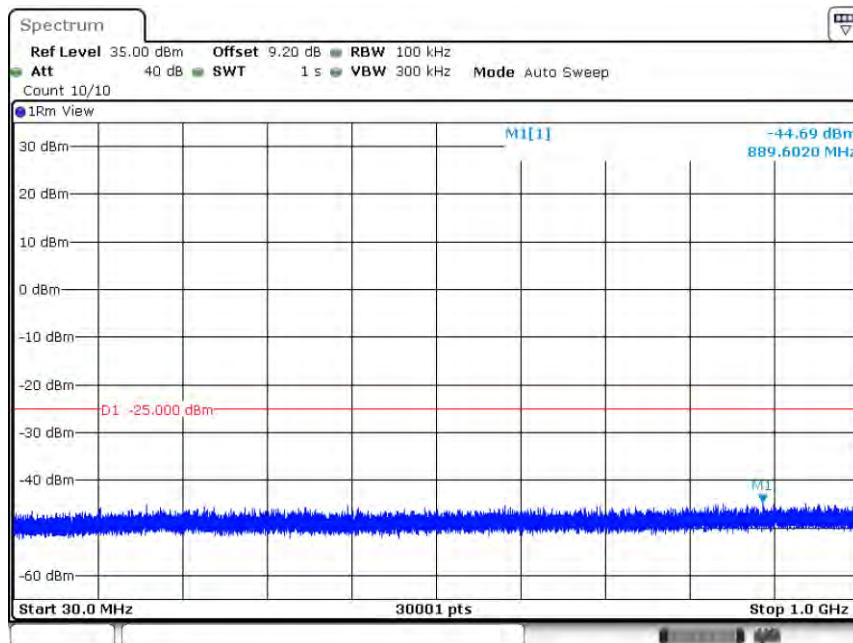


Band38-20MHz-QPSK-37850-1RB#0-Range2:1000~30000MHz



Date: 14 MAY.2021 08:15:05

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



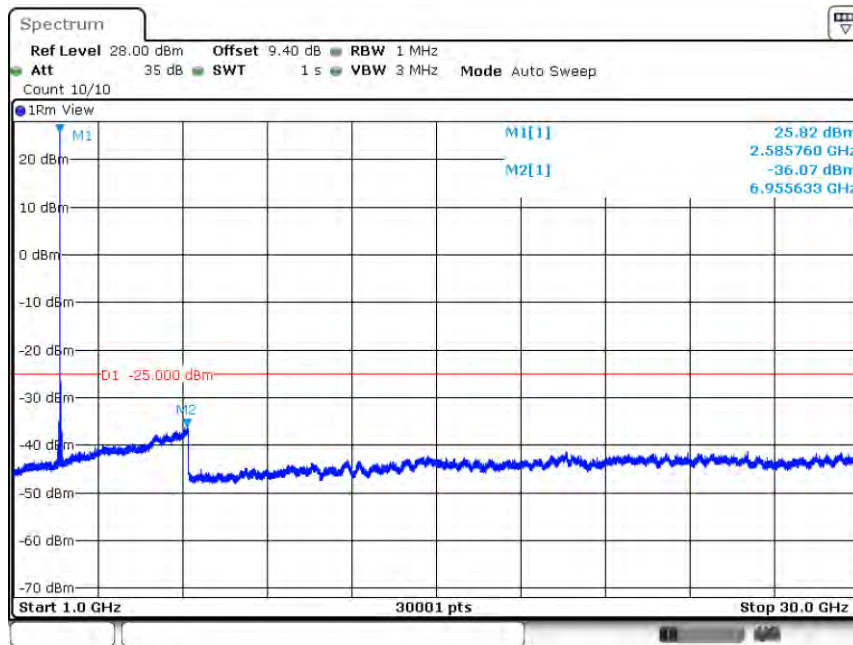
Date: 14 MAY.2021 08:15:59



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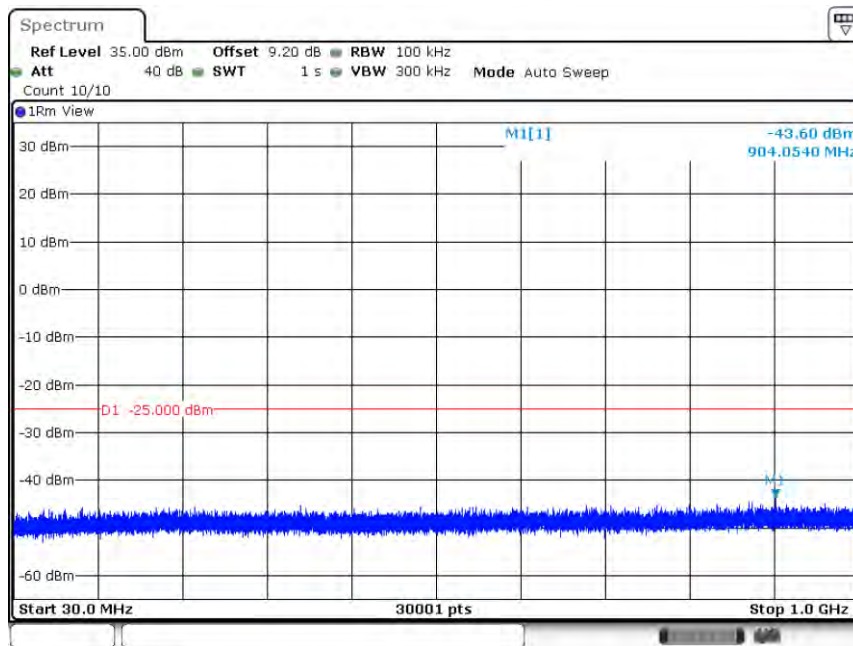
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Band38-20MHz-QPSK-38000-1RB#0-Range2:1000~30000MHz



Date: 14 MAY.2021 08:16:15

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



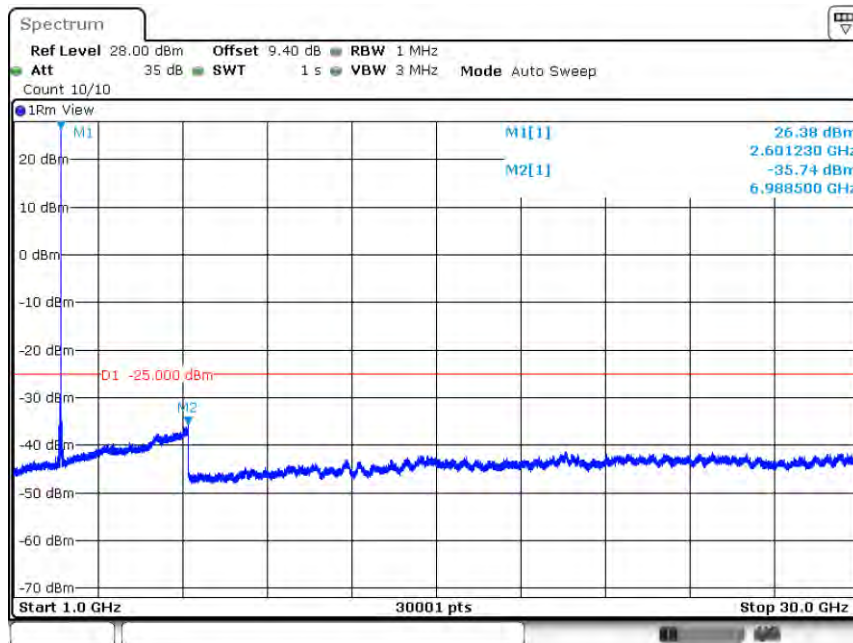
Date: 14 MAY.2021 08:17:09



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



Date: 14 MAY. 2021 08:17:25



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7. Field Strength of Spurious Radiation

7.1. Test Band LTE_Band38_TM1 ANT0

7.1.1. Test Channel Low Channel

Suspected Data List						
NO.	Freq. [MHz]	Reading [dBm]	Level [dBm]	Limit [dBm]	Margin [dB]	Polarity
1	40.8001	-72.33	-56.57	-25.00	31.57	Horizontal
2	148.2832	-75.47	-73.38	-25.00	48.38	Horizontal
3	453.4009	-79.80	-67.48	-25.00	42.48	Horizontal
4	5251.2901	-56.32	-55.76	-25.00	30.76	Horizontal
5	11925.9570	-60.23	-50.43	-25.00	25.43	Horizontal
6	16399.736	-59.61	-43.72	-25.00	18.72	Horizontal



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7.2. Test Band LTE_Band38_TM1 ANT0

7.2.1. Test Channel Low Channel

Suspected Data List						
NO.	Freq. [MHz]	Reading [dBm]	Level [dBm]	Limit [dBm]	Margin [dB]	Polarity
1	40.8647	-71.03	-67.92	-25.00	42.92	Vertical
2	108.1872	-80.24	-65.30	-25.00	40.30	Vertical
3	394.2269	-80.07	-67.96	-25.00	42.96	Vertical
4	5301.6921	-56.69	-55.63	-25.00	30.63	Vertical
5	9372.8549	-59.72	-52.98	-25.00	27.98	Vertical
6	14794.071	-61.35	-47.55	-25.00	22.55	Vertical



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7.3. Test Band LTE_Band38_TM1 ANT0

7.3.1. Test Channel Mid Channel

Suspected Data List						
NO.	Freq. [MHz]	Reading [dBm]	Level [dBm]	Limit [dBm]	Margin [dB]	Polarity
1	40.9294	-70.70	-54.93	-25.00	29.93	Horizontal
2	156.1731	-74.11	-70.92	-25.00	45.92	Horizontal
3	462.7135	-79.50	-66.78	-25.00	41.78	Horizontal
4	5285.4914	-56.91	-55.61	-25.00	30.61	Horizontal
5	11269.5308	-59.07	-50.62	-25.00	25.62	Horizontal
6	16411.1364	-59.01	-43.57	-25.00	18.57	Horizontal



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7.4. Test Band LTE_Band38_TM1 ANT0

7.4.1. Test Channel Mid Channel

Suspected Data List						
NO.	Freq. [MHz]	Reading [dBm]	Level [dBm]	Limit [dBm]	Margin [dB]	Polarity
1	40.6060	-69.01	-66.13	-25.00	41.13	Vertical
2	116.0771	-79.02	-64.20	-25.00	39.20	Vertical
3	379.9347	-80.57	-68.05	-25.00	43.05	Vertical
4	5290.2916	-57.15	-56.26	-25.00	31.26	Vertical
5	10717.508	-59.49	-51.47	-25.00	26.47	Vertical
6	14693.267	-61.27	-47.64	-25.00	22.64	Vertical



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7.5. Test Band LTE_Band38_TM1 ANT0

7.5.1. Test Channel High Channel

Suspected Data List						
NO.	Freq. [MHz]	Reading [dBm]	Level [dBm]	Limit [dBm]	Margin [dB]	Polarity
1	40.8647	-70.85	-55.08	-25.00	30.08	Horizontal
2	251.3688	-79.26	-67.99	-25.00	42.99	Horizontal
3	524.4096	-80.28	-65.29	-25.00	40.29	Horizontal
4	5301.0920	-56.80	-55.21	-25.00	30.21	Horizontal
5	9404.0562	-59.36	-52.85	-25.00	27.85	Horizontal
6	16400.936	-59.40	-43.54	-25.00	18.54	Horizontal



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7.6. Test Band LTE_Band38_TM1 ANT0

7.6.1. Test Channel High Channel

Suspected Data List						
NO.	Freq. [MHz]	Reading [dBm]	Level [dBm]	Limit [dBm]	Margin [dB]	Polarity
1	40.9294	-70.82	-67.66	-25.00	42.66	Vertical
2	110.5154	-80.16	-64.89	-25.00	39.89	Vertical
3	345.0123	-79.87	-68.35	-25.00	43.35	Vertical
4	5257.2903	-56.52	-56.28	-25.00	31.28	Vertical
5	9744.8698	-60.51	-52.55	-25.00	27.55	Vertical
6	14706.468	-61.19	-47.70	-25.00	22.70	Vertical



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7.7. Test Band LTE_Band38_TM1 ANT1

7.7.1. Test Channel Low Channel

Suspected Data List						
NO.	Freq. [MHz]	Reading [dBm]	Level [dBm]	Limit [dBm]	Margin [dB]	Polarity
1	40.6707	-70.62	-54.87	-25.00	29.87	Horizontal
2	239.4046	-79.91	-68.21	-25.00	43.21	Horizontal
3	1783.3479	-67.33	-36.09	-25.00	11.09	Horizontal
4	5317.2927	-56.78	-55.43	-25.00	30.43	Horizontal
5	16395.535	-59.54	-43.82	-25.00	18.82	Horizontal
6	17995.199	-57.61	-42.90	-25.00	17.90	Horizontal



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7.8. Test Band LTE_Band38_TM1 ANT1

7.8.1. Test Channel Low Channel

Suspected Data List						
NO.	Freq. [MHz]	Reading [dBm]	Level [dBm]	Limit [dBm]	Margin [dB]	Polarity
1	62.9175	-75.30	-65.95	-25.00	40.95	Vertical
2	110.1920	-80.25	-64.96	-25.00	39.96	Vertical
3	607.5118	-80.46	-64.22	-25.00	39.22	Vertical
4	1679.5849	-74.28	-42.71	-25.00	17.71	Vertical
5	5304.0922	-56.48	-55.46	-25.00	30.46	Vertical
6	17990.999	-57.66	-38.20	-25.00	13.20	Vertical



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7.9. Test Band LTE_Band38_TM1 ANT1

7.9.1. Test Channel Mid Channel

Suspected Data List						
NO.	Freq. [MHz]	Reading [dBm]	Level [dBm]	Limit [dBm]	Margin [dB]	Polarity
1	40.8001	-70.20	-54.44	-25.00	29.44	Horizontal
2	250.9161	-79.70	-68.35	-25.00	43.35	Horizontal
3	1841.3552	-74.30	-42.77	-25.00	17.77	Horizontal
4	5301.0920	-57.40	-55.81	-25.00	30.81	Horizontal
5	16402.736	-59.00	-43.21	-25.00	18.21	Horizontal
6	17996.399	-57.71	-43.00	-25.00	18.00	Horizontal



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7.10. Test Band LTE_Band38_TM1 ANT1

7.10.1. Test Channel Mid Channel

Suspected Data List						
NO.	Freq. [MHz]	Reading [dBm]	Level [dBm]	Limit [dBm]	Margin [dB]	Polarity
1	44.1629	-73.21	-67.21	-25.00	42.21	Vertical
2	110.5800	-80.40	-65.14	-25.00	40.14	Vertical
3	743.9676	-80.22	-62.09	-25.00	37.09	Vertical
4	1715.5894	-74.67	-43.09	-25.00	18.09	Vertical
5	5025.0810	-55.11	-56.63	-25.00	31.63	Vertical
6	17986.199	-57.73	-38.26	-25.00	13.26	Vertical



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7.11. Test Band LTE_Band38_TM1 ANT1

7.11.1. Test Channel Mid Channel

Suspected Data List						
NO.	Freq. [MHz]	Reading [dBm]	Level [dBm]	Limit [dBm]	Margin [dB]	Polarity
1	40.8647	-70.51	-54.74	-25.00	29.74	Horizontal
2	563.6649	-79.09	-63.29	-25.00	38.29	Horizontal
3	1836.8546	-74.29	-42.74	-25.00	17.74	Horizontal
4	5296.8919	-57.01	-55.47	-25.00	30.47	Horizontal
5	16402.136	-58.96	-43.15	-25.00	18.15	Horizontal
6	17981.399	-57.56	-42.82	-25.00	17.82	Horizontal



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7.12. Test Band LTE_Band38_TM1 ANT1

7.12.1. Test Channel Mid Channel

Suspected Data List						
NO.	Freq. [MHz]	Reading [dBm]	Level [dBm]	Limit [dBm]	Margin [dB]	Polarity
1	40.7354	-69.60	-66.61	-25.00	41.61	Vertical
2	118.5346	-79.21	-64.58	-25.00	39.58	Vertical
3	1638.5798	-74.53	-43.10	-25.00	18.10	Vertical
4	5145.0858	-56.02	-57.40	-25.00	32.40	Vertical
5	14689.067	-61.07	-47.43	-25.00	22.43	Vertical
6	17984.999	-57.61	-38.13	-25.00	13.13	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.



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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	-2.00	-0.000775	±2.5	PASS
Band38	20MHz	QPSK	37850	100RB#0	VN	NT	0.20	0.000078	±2.5	PASS
Band38	20MHz	QPSK	37850	100RB#0	VH	NT	-2.50	-0.000969	±2.5	PASS
Band38	20MHz	QPSK	38000	100RB#0	VL	NT	-1.90	-0.000732	±2.5	PASS
Band38	20MHz	QPSK	38000	100RB#0	VN	NT	-2.60	-0.001002	±2.5	PASS
Band38	20MHz	QPSK	38000	100RB#0	VH	NT	-0.10	-0.000039	±2.5	PASS
Band38	20MHz	QPSK	38150	100RB#0	VL	NT	-2.60	-0.000996	±2.5	PASS
Band38	20MHz	QPSK	38150	100RB#0	VN	NT	-2.10	-0.000805	±2.5	PASS
Band38	20MHz	QPSK	38150	100RB#0	VH	NT	-3.20	-0.001226	±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	-2.00	-0.000775	±2.5	PASS
Band38	20MHz	QPSK	37850	100RB#0	NV	-20	-3.10	-0.001202	±2.5	PASS
Band38	20MHz	QPSK	37850	100RB#0	NV	-10	-3.50	-0.001357	±2.5	PASS
Band38	20MHz	QPSK	37850	100RB#0	NV	0	-3.40	-0.001318	±2.5	PASS
Band38	20MHz	QPSK	37850	100RB#0	NV	10	-2.60	-0.001008	±2.5	PASS
Band38	20MHz	QPSK	37850	100RB#0	NV	20	-2.60	-0.001008	±2.5	PASS
Band38	20MHz	QPSK	37850	100RB#0	NV	30	-3.50	-0.001357	±2.5	PASS
Band38	20MHz	QPSK	37850	100RB#0	NV	40	-1.50	-0.000581	±2.5	PASS
Band38	20MHz	QPSK	37850	100RB#0	NV	50	-3.70	-0.001434	±2.5	PASS
Band38	20MHz	QPSK	38000	100RB#0	NV	-30	-1.30	-0.000501	±2.5	PASS
Band38	20MHz	QPSK	38000	100RB#0	NV	-20	-2.40	-0.000925	±2.5	PASS
Band38	20MHz	QPSK	38000	100RB#0	NV	-10	-2.30	-0.000886	±2.5	PASS
Band38	20MHz	QPSK	38000	100RB#0	NV	0	-2.60	-0.001002	±2.5	PASS
Band38	20MHz	QPSK	38000	100RB#0	NV	10	-2.00	-0.000771	±2.5	PASS



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Band38	20MHz	QPSK	38000	100RB#0	NV	20	-0.50	-0.000193	±2.5	PASS
Band38	20MHz	QPSK	38000	100RB#0	NV	30	-1.50	-0.000578	±2.5	PASS
Band38	20MHz	QPSK	38000	100RB#0	NV	40	-3.20	-0.001233	±2.5	PASS
Band38	20MHz	QPSK	38000	100RB#0	NV	50	-1.90	-0.000732	±2.5	PASS
Band38	20MHz	QPSK	38150	100RB#0	NV	-30	-2.50	-0.000958	±2.5	PASS
Band38	20MHz	QPSK	38150	100RB#0	NV	-20	-1.70	-0.000651	±2.5	PASS
Band38	20MHz	QPSK	38150	100RB#0	NV	-10	-1.80	-0.000690	±2.5	PASS
Band38	20MHz	QPSK	38150	100RB#0	NV	0	0.10	0.000038	±2.5	PASS
Band38	20MHz	QPSK	38150	100RB#0	NV	10	0.70	0.000268	±2.5	PASS
Band38	20MHz	QPSK	38150	100RB#0	NV	20	-1.60	-0.000613	±2.5	PASS
Band38	20MHz	QPSK	38150	100RB#0	NV	30	-1.30	-0.000498	±2.5	PASS
Band38	20MHz	QPSK	38150	100RB#0	NV	40	-1.30	-0.000498	±2.5	PASS
Band38	20MHz	QPSK	38150	100RB#0	NV	50	-2.40	-0.000920	±2.5	PASS



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