



Appendix B

E-UTRA Band 38



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1 Effective (Isotropic) Radiated Power

1.1. Test Result for Ant0

Band	Bandwidth	Modulation	Channel	RB Configuration	Conducted Power(dBm)	EIRP (dBm)	Limit (dBm)	Verdict
Band38	5MHz	QPSK	37775	1RB#0	22.32	18.52	33.00	PASS
Band38	5MHz	QPSK	37775	1RB#13	22.39	18.59	33.00	PASS
Band38	5MHz	QPSK	37775	1RB#24	22.32	18.52	33.00	PASS
Band38	5MHz	QPSK	37775	12RB#0	21.39	17.59	33.00	PASS
Band38	5MHz	QPSK	37775	12RB#6	21.43	17.63	33.00	PASS
Band38	5MHz	QPSK	37775	12RB#13	21.39	17.59	33.00	PASS
Band38	5MHz	QPSK	37775	25RB#0	21.47	17.67	33.00	PASS
Band38	5MHz	QPSK	38000	1RB#0	22.26	18.46	33.00	PASS
Band38	5MHz	QPSK	38000	1RB#13	22.32	18.52	33.00	PASS
Band38	5MHz	QPSK	38000	1RB#24	22.22	18.42	33.00	PASS
Band38	5MHz	QPSK	38000	12RB#0	21.36	17.56	33.00	PASS
Band38	5MHz	QPSK	38000	12RB#6	21.35	17.55	33.00	PASS
Band38	5MHz	QPSK	38000	12RB#13	21.36	17.56	33.00	PASS
Band38	5MHz	QPSK	38000	25RB#0	21.30	17.50	33.00	PASS
Band38	5MHz	QPSK	38225	1RB#0	22.16	18.36	33.00	PASS
Band38	5MHz	QPSK	38225	1RB#13	22.26	18.46	33.00	PASS
Band38	5MHz	QPSK	38225	1RB#24	22.17	18.37	33.00	PASS
Band38	5MHz	QPSK	38225	12RB#0	21.24	17.44	33.00	PASS
Band38	5MHz	QPSK	38225	12RB#6	21.35	17.55	33.00	PASS
Band38	5MHz	QPSK	38225	12RB#13	21.21	17.41	33.00	PASS
Band38	5MHz	QPSK	38225	25RB#0	21.29	17.49	33.00	PASS
Band38	5MHz	64QAM	37775	1RB#0	20.47	16.67	33.00	PASS
Band38	5MHz	64QAM	37775	1RB#13	20.46	16.66	33.00	PASS
Band38	5MHz	64QAM	37775	1RB#24	20.52	16.72	33.00	PASS
Band38	5MHz	64QAM	37775	12RB#0	19.35	15.55	33.00	PASS
Band38	5MHz	64QAM	37775	12RB#6	19.37	15.57	33.00	PASS
Band38	5MHz	64QAM	37775	12RB#13	19.45	15.65	33.00	PASS
Band38	5MHz	64QAM	37775	25RB#0	19.38	15.58	33.00	PASS
Band38	5MHz	64QAM	38000	1RB#0	20.44	16.64	33.00	PASS
Band38	5MHz	64QAM	38000	1RB#13	20.56	16.76	33.00	PASS
Band38	5MHz	64QAM	38000	1RB#24	20.55	16.75	33.00	PASS
Band38	5MHz	64QAM	38000	12RB#0	19.30	15.50	33.00	FAIL
Band38	5MHz	64QAM	38000	12RB#6	19.35	15.55	33.00	PASS
Band38	5MHz	64QAM	38000	12RB#13	19.29	15.49	33.00	PASS
Band38	5MHz	64QAM	38000	25RB#0	19.41	15.61	33.00	PASS
Band38	5MHz	64QAM	38225	1RB#0	20.29	16.49	33.00	PASS
Band38	5MHz	64QAM	38225	1RB#13	20.38	16.58	33.00	PASS
Band38	5MHz	64QAM	38225	1RB#24	20.38	16.58	33.00	PASS



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Band38	5MHz	64QAM	38225	12RB#0	19.21	15.41	33.00	PASS
Band38	5MHz	64QAM	38225	12RB#6	19.29	15.49	33.00	PASS
Band38	5MHz	64QAM	38225	12RB#13	19.16	15.36	33.00	PASS
Band38	5MHz	64QAM	38225	25RB#0	19.28	15.48	33.00	PASS
Band38	5MHz	16QAM	37775	1RB#0	21.51	17.71	33.00	PASS
Band38	5MHz	16QAM	37775	1RB#13	21.50	17.70	33.00	PASS
Band38	5MHz	16QAM	37775	1RB#24	21.50	17.70	33.00	PASS
Band38	5MHz	16QAM	37775	12RB#0	20.39	16.59	33.00	PASS
Band38	5MHz	16QAM	37775	12RB#6	20.41	16.61	33.00	PASS
Band38	5MHz	16QAM	37775	12RB#13	20.43	16.63	33.00	PASS
Band38	5MHz	16QAM	37775	25RB#0	20.41	16.61	33.00	PASS
Band38	5MHz	16QAM	38000	1RB#0	21.47	17.67	33.00	PASS
Band38	5MHz	16QAM	38000	1RB#13	21.54	17.74	33.00	PASS
Band38	5MHz	16QAM	38000	1RB#24	21.50	17.70	33.00	PASS
Band38	5MHz	16QAM	38000	12RB#0	20.27	16.47	33.00	PASS
Band38	5MHz	16QAM	38000	12RB#6	20.38	16.58	33.00	PASS
Band38	5MHz	16QAM	38000	12RB#13	20.26	16.46	33.00	PASS
Band38	5MHz	16QAM	38000	25RB#0	20.39	16.59	33.00	PASS
Band38	5MHz	16QAM	38225	1RB#0	21.29	17.49	33.00	PASS
Band38	5MHz	16QAM	38225	1RB#13	21.33	17.53	33.00	PASS
Band38	5MHz	16QAM	38225	1RB#24	21.41	17.61	33.00	PASS
Band38	5MHz	16QAM	38225	12RB#0	20.17	16.37	33.00	PASS
Band38	5MHz	16QAM	38225	12RB#6	20.31	16.51	33.00	PASS
Band38	5MHz	16QAM	38225	12RB#13	20.19	16.39	33.00	PASS
Band38	5MHz	16QAM	38225	25RB#0	20.28	16.48	33.00	PASS
Band38	10MHz	QPSK	37800	1RB#0	22.54	18.74	33.00	PASS
Band38	10MHz	QPSK	37800	1RB#24	22.41	18.61	33.00	PASS
Band38	10MHz	QPSK	37800	1RB#49	22.47	18.67	33.00	PASS
Band38	10MHz	QPSK	37800	25RB#0	21.39	17.59	33.00	PASS
Band38	10MHz	QPSK	37800	25RB#12	21.64	17.84	33.00	PASS
Band38	10MHz	QPSK	37800	25RB#25	21.43	17.63	33.00	PASS
Band38	10MHz	QPSK	37800	50RB#0	21.49	17.69	33.00	PASS
Band38	10MHz	QPSK	38000	1RB#0	22.32	18.52	33.00	PASS
Band38	10MHz	QPSK	38000	1RB#24	22.34	18.54	33.00	PASS
Band38	10MHz	QPSK	38000	1RB#49	22.32	18.52	33.00	PASS
Band38	10MHz	QPSK	38000	25RB#0	21.28	17.48	33.00	PASS
Band38	10MHz	QPSK	38000	25RB#12	21.33	17.53	33.00	PASS
Band38	10MHz	QPSK	38000	25RB#25	21.52	17.72	33.00	PASS
Band38	10MHz	QPSK	38000	50RB#0	21.39	17.59	33.00	PASS
Band38	10MHz	QPSK	38200	1RB#0	22.22	18.42	33.00	PASS
Band38	10MHz	QPSK	38200	1RB#24	22.16	18.36	33.00	PASS
Band38	10MHz	QPSK	38200	1RB#49	22.32	18.52	33.00	PASS
Band38	10MHz	QPSK	38200	25RB#0	21.46	17.66	33.00	PASS
Band38	10MHz	QPSK	38200	25RB#12	21.22	17.42	33.00	PASS
Band38	10MHz	QPSK	38200	25RB#25	21.53	17.73	33.00	PASS
Band38	10MHz	QPSK	38200	50RB#0	21.25	17.45	33.00	PASS
Band38	10MHz	64QAM	37800	1RB#0	20.60	16.80	33.00	PASS



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Band38	10MHz	64QAM	37800	1RB#24	20.60	16.80	33.00	PASS
Band38	10MHz	64QAM	37800	1RB#49	20.57	16.77	33.00	PASS
Band38	10MHz	64QAM	37800	25RB#0	19.53	15.73	33.00	PASS
Band38	10MHz	64QAM	37800	25RB#12	19.53	15.73	33.00	PASS
Band38	10MHz	64QAM	37800	25RB#25	19.36	15.56	33.00	PASS
Band38	10MHz	64QAM	37800	50RB#0	19.56	15.76	33.00	PASS
Band38	10MHz	64QAM	38000	1RB#0	20.48	16.68	33.00	PASS
Band38	10MHz	64QAM	38000	1RB#24	20.34	16.54	33.00	PASS
Band38	10MHz	64QAM	38000	1RB#49	20.45	16.65	33.00	PASS
Band38	10MHz	64QAM	38000	25RB#0	19.32	15.52	33.00	PASS
Band38	10MHz	64QAM	38000	25RB#12	19.38	15.58	33.00	PASS
Band38	10MHz	64QAM	38000	25RB#25	19.37	15.57	33.00	PASS
Band38	10MHz	64QAM	38000	50RB#0	19.49	15.69	33.00	PASS
Band38	10MHz	64QAM	38200	1RB#0	20.41	16.61	33.00	PASS
Band38	10MHz	64QAM	38200	1RB#24	20.37	16.57	33.00	PASS
Band38	10MHz	64QAM	38200	1RB#49	20.34	16.54	33.00	PASS
Band38	10MHz	64QAM	38200	25RB#0	19.32	15.52	33.00	PASS
Band38	10MHz	64QAM	38200	25RB#12	19.25	15.45	33.00	PASS
Band38	10MHz	64QAM	38200	25RB#25	19.36	15.56	33.00	PASS
Band38	10MHz	64QAM	38200	50RB#0	19.23	15.43	33.00	PASS
Band38	10MHz	16QAM	37800	1RB#0	21.60	17.80	33.00	PASS
Band38	10MHz	16QAM	37800	1RB#24	21.54	17.74	33.00	PASS
Band38	10MHz	16QAM	37800	1RB#49	21.57	17.77	33.00	PASS
Band38	10MHz	16QAM	37800	25RB#0	20.52	16.72	33.00	PASS
Band38	10MHz	16QAM	37800	25RB#12	20.53	16.73	33.00	PASS
Band38	10MHz	16QAM	37800	25RB#25	20.30	16.50	33.00	PASS
Band38	10MHz	16QAM	37800	50RB#0	20.51	16.71	33.00	PASS
Band38	10MHz	16QAM	38000	1RB#0	21.47	17.67	33.00	PASS
Band38	10MHz	16QAM	38000	1RB#24	21.38	17.58	33.00	PASS
Band38	10MHz	16QAM	38000	1RB#49	21.49	17.69	33.00	PASS
Band38	10MHz	16QAM	38000	25RB#0	20.26	16.46	33.00	PASS
Band38	10MHz	16QAM	38000	25RB#12	20.40	16.60	33.00	PASS
Band38	10MHz	16QAM	38000	25RB#25	20.38	16.58	33.00	PASS
Band38	10MHz	16QAM	38000	50RB#0	20.46	16.66	33.00	PASS
Band38	10MHz	16QAM	38200	1RB#0	21.37	17.57	33.00	PASS
Band38	10MHz	16QAM	38200	1RB#24	21.31	17.51	33.00	PASS
Band38	10MHz	16QAM	38200	1RB#49	21.34	17.54	33.00	PASS
Band38	10MHz	16QAM	38200	25RB#0	20.29	16.49	33.00	PASS
Band38	10MHz	16QAM	38200	25RB#12	20.23	16.43	33.00	PASS
Band38	10MHz	16QAM	38200	25RB#25	20.34	16.54	33.00	PASS
Band38	10MHz	16QAM	38200	50RB#0	20.26	16.46	33.00	PASS
Band38	15MHz	QPSK	37825	1RB#0	22.56	18.76	33.00	PASS
Band38	15MHz	QPSK	37825	1RB#38	22.43	18.63	33.00	PASS
Band38	15MHz	QPSK	37825	1RB#74	22.43	18.63	33.00	PASS
Band38	15MHz	QPSK	37825	36RB#0	21.56	17.76	33.00	PASS
Band38	15MHz	QPSK	37825	36RB#18	21.60	17.80	33.00	PASS
Band38	15MHz	QPSK	37825	36RB#39	21.54	17.74	33.00	PASS



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Band38	15MHz	QPSK	37825	75RB#0	21.68	17.88	33.00	PASS
Band38	15MHz	QPSK	38000	1RB#0	22.50	18.70	33.00	PASS
Band38	15MHz	QPSK	38000	1RB#38	22.46	18.66	33.00	PASS
Band38	15MHz	QPSK	38000	1RB#74	22.42	18.62	33.00	PASS
Band38	15MHz	QPSK	38000	36RB#0	21.58	17.78	33.00	PASS
Band38	15MHz	QPSK	38000	36RB#18	21.56	17.76	33.00	PASS
Band38	15MHz	QPSK	38000	36RB#39	21.49	17.69	33.00	PASS
Band38	15MHz	QPSK	38000	75RB#0	21.62	17.82	33.00	PASS
Band38	15MHz	QPSK	38175	1RB#0	22.32	18.52	33.00	PASS
Band38	15MHz	QPSK	38175	1RB#38	22.42	18.62	33.00	PASS
Band38	15MHz	QPSK	38175	1RB#74	22.39	18.59	33.00	PASS
Band38	15MHz	QPSK	38175	36RB#0	21.54	17.74	33.00	PASS
Band38	15MHz	QPSK	38175	36RB#18	21.42	17.62	33.00	PASS
Band38	15MHz	QPSK	38175	36RB#39	21.45	17.65	33.00	PASS
Band38	15MHz	QPSK	38175	75RB#0	21.37	17.57	33.00	PASS
Band38	15MHz	64QAM	37825	1RB#0	20.78	16.98	33.00	PASS
Band38	15MHz	64QAM	37825	1RB#38	20.56	16.76	33.00	PASS
Band38	15MHz	64QAM	37825	1RB#74	20.67	16.87	33.00	PASS
Band38	15MHz	64QAM	37825	36RB#0	19.66	15.86	33.00	PASS
Band38	15MHz	64QAM	37825	36RB#18	19.70	15.90	33.00	PASS
Band38	15MHz	64QAM	37825	36RB#39	19.55	15.75	33.00	PASS
Band38	15MHz	64QAM	37825	75RB#0	19.64	15.84	33.00	PASS
Band38	15MHz	64QAM	38000	1RB#0	20.66	16.86	33.00	PASS
Band38	15MHz	64QAM	38000	1RB#38	20.52	16.72	33.00	PASS
Band38	15MHz	64QAM	38000	1RB#74	20.45	16.65	33.00	PASS
Band38	15MHz	64QAM	38000	36RB#0	19.53	15.73	33.00	PASS
Band38	15MHz	64QAM	38000	36RB#18	19.40	15.60	33.00	PASS
Band38	15MHz	64QAM	38000	36RB#39	19.43	15.63	33.00	PASS
Band38	15MHz	64QAM	38000	75RB#0	19.58	15.78	33.00	PASS
Band38	15MHz	64QAM	38175	1RB#0	20.52	16.72	33.00	PASS
Band38	15MHz	64QAM	38175	1RB#38	20.62	16.82	33.00	PASS
Band38	15MHz	64QAM	38175	1RB#74	20.44	16.64	33.00	PASS
Band38	15MHz	64QAM	38175	36RB#0	19.52	15.72	33.00	PASS
Band38	15MHz	64QAM	38175	36RB#18	19.34	15.54	33.00	PASS
Band38	15MHz	64QAM	38175	36RB#39	19.42	15.62	33.00	PASS
Band38	15MHz	64QAM	38175	75RB#0	19.48	15.68	33.00	PASS
Band38	15MHz	16QAM	37825	1RB#0	21.74	17.94	33.00	PASS
Band38	15MHz	16QAM	37825	1RB#38	21.54	17.74	33.00	PASS
Band38	15MHz	16QAM	37825	1RB#74	21.65	17.85	33.00	PASS
Band38	15MHz	16QAM	37825	36RB#0	20.61	16.81	33.00	PASS
Band38	15MHz	16QAM	37825	36RB#18	20.64	16.84	33.00	PASS
Band38	15MHz	16QAM	37825	36RB#39	20.57	16.77	33.00	PASS
Band38	15MHz	16QAM	37825	75RB#0	20.59	16.79	33.00	PASS
Band38	15MHz	16QAM	38000	1RB#0	21.68	17.88	33.00	PASS
Band38	15MHz	16QAM	38000	1RB#38	21.53	17.73	33.00	PASS
Band38	15MHz	16QAM	38000	1RB#74	21.45	17.65	33.00	PASS
Band38	15MHz	16QAM	38000	36RB#0	20.56	16.76	33.00	PASS



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Band38	15MHz	16QAM	38000	36RB#18	20.44	16.64	33.00	PASS
Band38	15MHz	16QAM	38000	36RB#39	20.47	16.67	33.00	PASS
Band38	15MHz	16QAM	38000	75RB#0	20.61	16.81	33.00	PASS
Band38	15MHz	16QAM	38175	1RB#0	21.52	17.72	33.00	PASS
Band38	15MHz	16QAM	38175	1RB#38	21.60	17.80	33.00	PASS
Band38	15MHz	16QAM	38175	1RB#74	21.47	17.67	33.00	PASS
Band38	15MHz	16QAM	38175	36RB#0	20.46	16.66	33.00	PASS
Band38	15MHz	16QAM	38175	36RB#18	20.38	16.58	33.00	PASS
Band38	15MHz	16QAM	38175	36RB#39	20.42	16.62	33.00	PASS
Band38	15MHz	16QAM	38175	75RB#0	20.45	16.65	33.00	PASS
Band38	20MHz	QPSK	37850	1RB#0	22.66	18.86	33.00	PASS
Band38	20MHz	QPSK	37850	1RB#49	22.48	18.68	33.00	PASS
Band38	20MHz	QPSK	37850	1RB#99	22.31	18.51	33.00	PASS
Band38	20MHz	QPSK	37850	50RB#0	21.65	17.85	33.00	PASS
Band38	20MHz	QPSK	37850	50RB#25	21.65	17.85	33.00	PASS
Band38	20MHz	QPSK	37850	50RB#50	21.58	17.78	33.00	PASS
Band38	20MHz	QPSK	37850	100RB#0	21.72	17.92	33.00	PASS
Band38	20MHz	QPSK	38000	1RB#0	22.57	18.77	33.00	PASS
Band38	20MHz	QPSK	38000	1RB#49	22.66	18.86	33.00	PASS
Band38	20MHz	QPSK	38000	1RB#99	22.35	18.55	33.00	PASS
Band38	20MHz	QPSK	38000	50RB#0	21.66	17.86	33.00	PASS
Band38	20MHz	QPSK	38000	50RB#25	21.54	17.74	33.00	PASS
Band38	20MHz	QPSK	38000	50RB#50	21.51	17.71	33.00	PASS
Band38	20MHz	QPSK	38000	100RB#0	21.62	17.82	33.00	PASS
Band38	20MHz	QPSK	38150	1RB#0	22.54	18.74	33.00	PASS
Band38	20MHz	QPSK	38150	1RB#49	22.37	18.57	33.00	PASS
Band38	20MHz	QPSK	38150	1RB#99	22.36	18.56	33.00	PASS
Band38	20MHz	QPSK	38150	50RB#0	21.52	17.72	33.00	PASS
Band38	20MHz	QPSK	38150	50RB#25	21.46	17.66	33.00	PASS
Band38	20MHz	QPSK	38150	50RB#50	21.44	17.64	33.00	PASS
Band38	20MHz	QPSK	38150	100RB#0	21.52	17.72	33.00	PASS
Band38	20MHz	64QAM	37850	1RB#0	20.92	17.12	33.00	PASS
Band38	20MHz	64QAM	37850	1RB#49	20.65	16.85	33.00	PASS
Band38	20MHz	64QAM	37850	1RB#99	20.42	16.62	33.00	PASS
Band38	20MHz	64QAM	37850	50RB#0	19.72	15.92	33.00	PASS
Band38	20MHz	64QAM	37850	50RB#25	19.71	15.91	33.00	PASS
Band38	20MHz	64QAM	37850	50RB#50	19.75	15.95	33.00	PASS
Band38	20MHz	64QAM	37850	100RB#0	19.71	15.91	33.00	PASS
Band38	20MHz	64QAM	38000	1RB#0	20.74	16.94	33.00	PASS
Band38	20MHz	64QAM	38000	1RB#49	20.61	16.81	33.00	PASS
Band38	20MHz	64QAM	38000	1RB#99	20.36	16.56	33.00	PASS
Band38	20MHz	64QAM	38000	50RB#0	19.68	15.88	33.00	PASS
Band38	20MHz	64QAM	38000	50RB#25	19.70	15.90	33.00	PASS
Band38	20MHz	64QAM	38000	50RB#50	19.67	15.87	33.00	PASS
Band38	20MHz	64QAM	38000	100RB#0	19.66	15.86	33.00	PASS
Band38	20MHz	64QAM	38150	1RB#0	20.63	16.83	33.00	PASS
Band38	20MHz	64QAM	38150	1RB#49	20.45	16.65	33.00	PASS



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Band38	20MHz	64QAM	38150	1RB#99	20.57	16.77	33.00	PASS
Band38	20MHz	64QAM	38150	50RB#0	19.59	15.79	33.00	PASS
Band38	20MHz	64QAM	38150	50RB#25	19.59	15.79	33.00	PASS
Band38	20MHz	64QAM	38150	50RB#50	19.48	15.68	33.00	PASS
Band38	20MHz	64QAM	38150	100RB#0	19.55	15.75	33.00	PASS
Band38	20MHz	16QAM	37850	1RB#0	21.96	18.16	33.00	PASS
Band38	20MHz	16QAM	37850	1RB#49	21.65	17.85	33.00	PASS
Band38	20MHz	16QAM	37850	1RB#99	21.43	17.63	33.00	PASS
Band38	20MHz	16QAM	37850	50RB#0	20.68	16.88	33.00	PASS
Band38	20MHz	16QAM	37850	50RB#25	20.71	16.91	33.00	PASS
Band38	20MHz	16QAM	37850	50RB#50	20.71	16.91	33.00	PASS
Band38	20MHz	16QAM	37850	100RB#0	20.65	16.85	33.00	PASS
Band38	20MHz	16QAM	38000	1RB#0	21.69	17.89	33.00	PASS
Band38	20MHz	16QAM	38000	1RB#49	21.62	17.82	33.00	PASS
Band38	20MHz	16QAM	38000	1RB#99	21.39	17.59	33.00	PASS
Band38	20MHz	16QAM	38000	50RB#0	20.65	16.85	33.00	PASS
Band38	20MHz	16QAM	38000	50RB#25	20.66	16.86	33.00	PASS
Band38	20MHz	16QAM	38000	50RB#50	20.64	16.84	33.00	PASS
Band38	20MHz	16QAM	38000	100RB#0	20.66	16.86	33.00	PASS
Band38	20MHz	16QAM	38150	1RB#0	21.62	17.82	33.00	PASS
Band38	20MHz	16QAM	38150	1RB#49	21.45	17.65	33.00	PASS
Band38	20MHz	16QAM	38150	1RB#99	21.51	17.71	33.00	PASS
Band38	20MHz	16QAM	38150	50RB#0	20.54	16.74	33.00	PASS
Band38	20MHz	16QAM	38150	50RB#25	20.53	16.73	33.00	PASS
Band38	20MHz	16QAM	38150	50RB#50	20.51	16.71	33.00	PASS
Band38	20MHz	16QAM	38150	100RB#0	20.53	16.73	33.00	PASS

1.2. Test Result for Ant2

Band	Bandwidth	Modulation	Channel	RB Configuration	Conducted Power(dBm)	EIRP (dBm)	Limit (dBm)	Verdict
Band38	5MHz	QPSK	37775	1RB#0	23.65	23.35	33.00	PASS
Band38	5MHz	QPSK	37775	1RB#13	23.69	23.39	33.00	PASS
Band38	5MHz	QPSK	37775	1RB#24	23.64	23.34	33.00	PASS
Band38	5MHz	QPSK	37775	12RB#0	22.67	22.37	33.00	PASS
Band38	5MHz	QPSK	37775	12RB#6	22.77	22.47	33.00	PASS
Band38	5MHz	QPSK	37775	12RB#13	22.71	22.41	33.00	PASS
Band38	5MHz	QPSK	37775	25RB#0	22.76	22.46	33.00	PASS
Band38	5MHz	QPSK	38000	1RB#0	23.59	23.29	33.00	PASS
Band38	5MHz	QPSK	38000	1RB#13	23.70	23.40	33.00	PASS
Band38	5MHz	QPSK	38000	1RB#24	23.60	23.30	33.00	PASS
Band38	5MHz	QPSK	38000	12RB#0	22.66	22.36	33.00	PASS
Band38	5MHz	QPSK	38000	12RB#6	22.72	22.42	33.00	PASS
Band38	5MHz	QPSK	38000	12RB#13	22.73	22.43	33.00	PASS
Band38	5MHz	QPSK	38000	25RB#0	22.70	22.40	33.00	PASS
Band38	5MHz	QPSK	38225	1RB#0	23.54	23.24	33.00	PASS
Band38	5MHz	QPSK	38225	1RB#13	23.58	23.28	33.00	PASS



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Band38	5MHz	QPSK	38225	1RB#24	23.47	23.17	33.00	PASS
Band38	5MHz	QPSK	38225	12RB#0	22.54	22.24	33.00	PASS
Band38	5MHz	QPSK	38225	12RB#6	22.65	22.35	33.00	PASS
Band38	5MHz	QPSK	38225	12RB#13	22.62	22.32	33.00	PASS
Band38	5MHz	QPSK	38225	25RB#0	22.61	22.31	33.00	PASS
Band38	5MHz	64QAM	37775	1RB#0	21.43	21.13	33.00	PASS
Band38	5MHz	64QAM	37775	1RB#13	21.60	21.30	33.00	PASS
Band38	5MHz	64QAM	37775	1RB#24	21.48	21.18	33.00	PASS
Band38	5MHz	64QAM	37775	12RB#0	20.56	20.26	33.00	PASS
Band38	5MHz	64QAM	37775	12RB#6	20.55	20.25	33.00	PASS
Band38	5MHz	64QAM	37775	12RB#13	20.52	20.22	33.00	PASS
Band38	5MHz	64QAM	37775	25RB#0	20.53	20.23	33.00	PASS
Band38	5MHz	64QAM	38000	1RB#0	21.38	21.08	33.00	PASS
Band38	5MHz	64QAM	38000	1RB#13	21.67	21.37	33.00	PASS
Band38	5MHz	64QAM	38000	1RB#24	21.41	21.11	33.00	PASS
Band38	5MHz	64QAM	38000	12RB#0	20.62	20.32	33.00	FAIL
Band38	5MHz	64QAM	38000	12RB#6	20.55	20.25	33.00	PASS
Band38	5MHz	64QAM	38000	12RB#13	20.62	20.32	33.00	PASS
Band38	5MHz	64QAM	38000	25RB#0	20.47	20.17	33.00	PASS
Band38	5MHz	64QAM	38225	1RB#0	21.47	21.17	33.00	PASS
Band38	5MHz	64QAM	38225	1RB#13	21.57	21.27	33.00	PASS
Band38	5MHz	64QAM	38225	1RB#24	21.26	20.96	33.00	PASS
Band38	5MHz	64QAM	38225	12RB#0	20.43	20.13	33.00	PASS
Band38	5MHz	64QAM	38225	12RB#6	20.62	20.32	33.00	PASS
Band38	5MHz	64QAM	38225	12RB#13	20.43	20.13	33.00	PASS
Band38	5MHz	64QAM	38225	25RB#0	20.52	20.22	33.00	PASS
Band38	5MHz	16QAM	37775	1RB#0	22.77	22.47	33.00	PASS
Band38	5MHz	16QAM	37775	1RB#13	22.87	22.57	33.00	PASS
Band38	5MHz	16QAM	37775	1RB#24	22.77	22.47	33.00	PASS
Band38	5MHz	16QAM	37775	12RB#0	21.62	21.32	33.00	PASS
Band38	5MHz	16QAM	37775	12RB#6	21.72	21.42	33.00	PASS
Band38	5MHz	16QAM	37775	12RB#13	21.66	21.36	33.00	PASS
Band38	5MHz	16QAM	37775	25RB#0	21.78	21.48	33.00	PASS
Band38	5MHz	16QAM	38000	1RB#0	22.70	22.40	33.00	PASS
Band38	5MHz	16QAM	38000	1RB#13	22.78	22.48	33.00	PASS
Band38	5MHz	16QAM	38000	1RB#24	22.77	22.47	33.00	PASS
Band38	5MHz	16QAM	38000	12RB#0	21.62	21.32	33.00	PASS
Band38	5MHz	16QAM	38000	12RB#6	21.74	21.44	33.00	PASS
Band38	5MHz	16QAM	38000	12RB#13	21.66	21.36	33.00	PASS
Band38	5MHz	16QAM	38000	25RB#0	21.71	21.41	33.00	PASS
Band38	5MHz	16QAM	38225	1RB#0	22.69	22.39	33.00	PASS
Band38	5MHz	16QAM	38225	1RB#13	22.72	22.42	33.00	PASS
Band38	5MHz	16QAM	38225	1RB#24	22.66	22.36	33.00	PASS
Band38	5MHz	16QAM	38225	12RB#0	21.51	21.21	33.00	PASS
Band38	5MHz	16QAM	38225	12RB#6	21.57	21.27	33.00	PASS
Band38	5MHz	16QAM	38225	12RB#13	21.53	21.23	33.00	PASS
Band38	5MHz	16QAM	38225	25RB#0	21.57	21.27	33.00	PASS



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Band38	10MHz	QPSK	37800	1RB#0	23.74	23.44	33.00	PASS
Band38	10MHz	QPSK	37800	1RB#24	23.46	23.16	33.00	PASS
Band38	10MHz	QPSK	37800	1RB#49	23.57	23.27	33.00	PASS
Band38	10MHz	QPSK	37800	25RB#0	22.63	22.33	33.00	PASS
Band38	10MHz	QPSK	37800	25RB#12	22.79	22.49	33.00	PASS
Band38	10MHz	QPSK	37800	25RB#25	22.79	22.49	33.00	PASS
Band38	10MHz	QPSK	37800	50RB#0	22.81	22.51	33.00	PASS
Band38	10MHz	QPSK	38000	1RB#0	23.67	23.37	33.00	PASS
Band38	10MHz	QPSK	38000	1RB#24	23.68	23.38	33.00	PASS
Band38	10MHz	QPSK	38000	1RB#49	23.53	23.23	33.00	PASS
Band38	10MHz	QPSK	38000	25RB#0	22.67	22.37	33.00	PASS
Band38	10MHz	QPSK	38000	25RB#12	22.74	22.44	33.00	PASS
Band38	10MHz	QPSK	38000	25RB#25	22.70	22.40	33.00	PASS
Band38	10MHz	QPSK	38000	50RB#0	22.72	22.42	33.00	PASS
Band38	10MHz	QPSK	38200	1RB#0	23.45	23.15	33.00	PASS
Band38	10MHz	QPSK	38200	1RB#24	23.59	23.29	33.00	PASS
Band38	10MHz	QPSK	38200	1RB#49	23.43	23.13	33.00	PASS
Band38	10MHz	QPSK	38200	25RB#0	22.61	22.31	33.00	PASS
Band38	10MHz	QPSK	38200	25RB#12	22.83	22.53	33.00	PASS
Band38	10MHz	QPSK	38200	25RB#25	22.67	22.37	33.00	PASS
Band38	10MHz	QPSK	38200	50RB#0	22.59	22.29	33.00	PASS
Band38	10MHz	64QAM	37800	1RB#0	21.55	21.25	33.00	PASS
Band38	10MHz	64QAM	37800	1RB#24	21.42	21.12	33.00	PASS
Band38	10MHz	64QAM	37800	1RB#49	21.35	21.05	33.00	PASS
Band38	10MHz	64QAM	37800	25RB#0	20.43	20.13	33.00	PASS
Band38	10MHz	64QAM	37800	25RB#12	20.70	20.40	33.00	PASS
Band38	10MHz	64QAM	37800	25RB#25	20.54	20.24	33.00	PASS
Band38	10MHz	64QAM	37800	50RB#0	20.76	20.46	33.00	PASS
Band38	10MHz	64QAM	38000	1RB#0	21.50	21.20	33.00	PASS
Band38	10MHz	64QAM	38000	1RB#24	21.47	21.17	33.00	PASS
Band38	10MHz	64QAM	38000	1RB#49	21.40	21.10	33.00	PASS
Band38	10MHz	64QAM	38000	25RB#0	20.57	20.27	33.00	PASS
Band38	10MHz	64QAM	38000	25RB#12	20.66	20.36	33.00	PASS
Band38	10MHz	64QAM	38000	25RB#25	20.47	20.17	33.00	PASS
Band38	10MHz	64QAM	38000	50RB#0	20.66	20.36	33.00	PASS
Band38	10MHz	64QAM	38200	1RB#0	21.45	21.15	33.00	PASS
Band38	10MHz	64QAM	38200	1RB#24	21.57	21.27	33.00	PASS
Band38	10MHz	64QAM	38200	1RB#49	21.18	20.88	33.00	PASS
Band38	10MHz	64QAM	38200	25RB#0	20.55	20.25	33.00	PASS
Band38	10MHz	64QAM	38200	25RB#12	20.69	20.39	33.00	PASS
Band38	10MHz	64QAM	38200	25RB#25	20.59	20.29	33.00	PASS
Band38	10MHz	64QAM	38200	50RB#0	20.34	20.04	33.00	PASS
Band38	10MHz	16QAM	37800	1RB#0	22.90	22.60	33.00	PASS
Band38	10MHz	16QAM	37800	1RB#24	22.80	22.50	33.00	PASS
Band38	10MHz	16QAM	37800	1RB#49	22.70	22.40	33.00	PASS
Band38	10MHz	16QAM	37800	25RB#0	21.71	21.41	33.00	PASS
Band38	10MHz	16QAM	37800	25RB#12	21.82	21.52	33.00	PASS



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Band38	10MHz	16QAM	37800	25RB#25	21.76	21.46	33.00	PASS
Band38	10MHz	16QAM	37800	50RB#0	21.82	21.52	33.00	PASS
Band38	10MHz	16QAM	38000	1RB#0	22.82	22.52	33.00	PASS
Band38	10MHz	16QAM	38000	1RB#24	22.73	22.43	33.00	PASS
Band38	10MHz	16QAM	38000	1RB#49	22.73	22.43	33.00	PASS
Band38	10MHz	16QAM	38000	25RB#0	21.60	21.30	33.00	PASS
Band38	10MHz	16QAM	38000	25RB#12	21.81	21.51	33.00	PASS
Band38	10MHz	16QAM	38000	25RB#25	21.66	21.36	33.00	PASS
Band38	10MHz	16QAM	38000	50RB#0	21.78	21.48	33.00	PASS
Band38	10MHz	16QAM	38200	1RB#0	22.79	22.49	33.00	PASS
Band38	10MHz	16QAM	38200	1RB#24	22.63	22.33	33.00	PASS
Band38	10MHz	16QAM	38200	1RB#49	22.55	22.25	33.00	PASS
Band38	10MHz	16QAM	38200	25RB#0	21.68	21.38	33.00	PASS
Band38	10MHz	16QAM	38200	25RB#12	21.73	21.43	33.00	PASS
Band38	10MHz	16QAM	38200	25RB#25	21.56	21.26	33.00	PASS
Band38	10MHz	16QAM	38200	50RB#0	21.66	21.36	33.00	PASS
Band38	15MHz	QPSK	37825	1RB#0	23.86	23.56	33.00	PASS
Band38	15MHz	QPSK	37825	1RB#38	23.83	23.53	33.00	PASS
Band38	15MHz	QPSK	37825	1RB#74	23.75	23.45	33.00	PASS
Band38	15MHz	QPSK	37825	36RB#0	22.91	22.61	33.00	PASS
Band38	15MHz	QPSK	37825	36RB#18	22.95	22.65	33.00	PASS
Band38	15MHz	QPSK	37825	36RB#39	22.89	22.59	33.00	PASS
Band38	15MHz	QPSK	37825	75RB#0	22.97	22.67	33.00	PASS
Band38	15MHz	QPSK	38000	1RB#0	23.86	23.56	33.00	PASS
Band38	15MHz	QPSK	38000	1RB#38	23.70	23.40	33.00	PASS
Band38	15MHz	QPSK	38000	1RB#74	23.66	23.36	33.00	PASS
Band38	15MHz	QPSK	38000	36RB#0	22.91	22.61	33.00	PASS
Band38	15MHz	QPSK	38000	36RB#18	22.85	22.55	33.00	PASS
Band38	15MHz	QPSK	38000	36RB#39	22.87	22.57	33.00	PASS
Band38	15MHz	QPSK	38000	75RB#0	22.93	22.63	33.00	PASS
Band38	15MHz	QPSK	38175	1RB#0	23.67	23.37	33.00	PASS
Band38	15MHz	QPSK	38175	1RB#38	23.70	23.40	33.00	PASS
Band38	15MHz	QPSK	38175	1RB#74	23.68	23.38	33.00	PASS
Band38	15MHz	QPSK	38175	36RB#0	22.81	22.51	33.00	PASS
Band38	15MHz	QPSK	38175	36RB#18	22.80	22.50	33.00	PASS
Band38	15MHz	QPSK	38175	36RB#39	22.83	22.53	33.00	PASS
Band38	15MHz	QPSK	38175	75RB#0	22.79	22.49	33.00	PASS
Band38	15MHz	64QAM	37825	1RB#0	21.69	21.39	33.00	PASS
Band38	15MHz	64QAM	37825	1RB#38	21.63	21.33	33.00	PASS
Band38	15MHz	64QAM	37825	1RB#74	21.73	21.43	33.00	PASS
Band38	15MHz	64QAM	37825	36RB#0	20.73	20.43	33.00	PASS
Band38	15MHz	64QAM	37825	36RB#18	20.93	20.63	33.00	PASS
Band38	15MHz	64QAM	37825	36RB#39	20.84	20.54	33.00	PASS
Band38	15MHz	64QAM	37825	75RB#0	20.93	20.63	33.00	PASS
Band38	15MHz	64QAM	38000	1RB#0	21.85	21.55	33.00	PASS
Band38	15MHz	64QAM	38000	1RB#38	21.61	21.31	33.00	PASS
Band38	15MHz	64QAM	38000	1RB#74	21.66	21.36	33.00	PASS



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Band38	15MHz	64QAM	38000	36RB#0	20.69	20.39	33.00	PASS
Band38	15MHz	64QAM	38000	36RB#18	20.75	20.45	33.00	PASS
Band38	15MHz	64QAM	38000	36RB#39	20.62	20.32	33.00	PASS
Band38	15MHz	64QAM	38000	75RB#0	20.87	20.57	33.00	PASS
Band38	15MHz	64QAM	38175	1RB#0	21.49	21.19	33.00	PASS
Band38	15MHz	64QAM	38175	1RB#38	21.68	21.38	33.00	PASS
Band38	15MHz	64QAM	38175	1RB#74	21.55	21.25	33.00	PASS
Band38	15MHz	64QAM	38175	36RB#0	20.81	20.51	33.00	PASS
Band38	15MHz	64QAM	38175	36RB#18	20.62	20.32	33.00	PASS
Band38	15MHz	64QAM	38175	36RB#39	20.73	20.43	33.00	PASS
Band38	15MHz	64QAM	38175	75RB#0	20.67	20.37	33.00	PASS
Band38	15MHz	16QAM	37825	1RB#0	22.98	22.68	33.00	PASS
Band38	15MHz	16QAM	37825	1RB#38	22.91	22.61	33.00	PASS
Band38	15MHz	16QAM	37825	1RB#74	22.92	22.62	33.00	PASS
Band38	15MHz	16QAM	37825	36RB#0	21.97	21.67	33.00	PASS
Band38	15MHz	16QAM	37825	36RB#18	21.88	21.58	33.00	PASS
Band38	15MHz	16QAM	37825	36RB#39	21.88	21.58	33.00	PASS
Band38	15MHz	16QAM	37825	75RB#0	21.99	21.69	33.00	PASS
Band38	15MHz	16QAM	38000	1RB#0	22.97	22.67	33.00	PASS
Band38	15MHz	16QAM	38000	1RB#38	22.90	22.60	33.00	PASS
Band38	15MHz	16QAM	38000	1RB#74	22.92	22.62	33.00	PASS
Band38	15MHz	16QAM	38000	36RB#0	21.96	21.66	33.00	PASS
Band38	15MHz	16QAM	38000	36RB#18	21.80	21.50	33.00	PASS
Band38	15MHz	16QAM	38000	36RB#39	21.92	21.62	33.00	PASS
Band38	15MHz	16QAM	38000	75RB#0	22.01	21.71	33.00	PASS
Band38	15MHz	16QAM	38175	1RB#0	22.97	22.67	33.00	PASS
Band38	15MHz	16QAM	38175	1RB#38	22.87	22.57	33.00	PASS
Band38	15MHz	16QAM	38175	1RB#74	22.88	22.58	33.00	PASS
Band38	15MHz	16QAM	38175	36RB#0	21.78	21.48	33.00	PASS
Band38	15MHz	16QAM	38175	36RB#18	21.68	21.38	33.00	PASS
Band38	15MHz	16QAM	38175	36RB#39	21.71	21.41	33.00	PASS
Band38	15MHz	16QAM	38175	75RB#0	21.81	21.51	33.00	PASS
Band38	20MHz	QPSK	37850	1RB#0	23.94	23.64	33.00	PASS
Band38	20MHz	QPSK	37850	1RB#49	23.85	23.55	33.00	PASS
Band38	20MHz	QPSK	37850	1RB#99	23.66	23.36	33.00	PASS
Band38	20MHz	QPSK	37850	50RB#0	22.89	22.59	33.00	PASS
Band38	20MHz	QPSK	37850	50RB#25	22.99	22.69	33.00	PASS
Band38	20MHz	QPSK	37850	50RB#50	22.92	22.62	33.00	PASS
Band38	20MHz	QPSK	37850	100RB#0	22.89	22.59	33.00	PASS
Band38	20MHz	QPSK	38000	1RB#0	23.93	23.63	33.00	PASS
Band38	20MHz	QPSK	38000	1RB#49	23.73	23.43	33.00	PASS
Band38	20MHz	QPSK	38000	1RB#99	23.59	23.29	33.00	PASS
Band38	20MHz	QPSK	38000	50RB#0	22.88	22.58	33.00	PASS
Band38	20MHz	QPSK	38000	50RB#25	22.86	22.56	33.00	PASS
Band38	20MHz	QPSK	38000	50RB#50	22.85	22.55	33.00	PASS
Band38	20MHz	QPSK	38000	100RB#0	22.94	22.64	33.00	PASS
Band38	20MHz	QPSK	38150	1RB#0	23.81	23.51	33.00	PASS



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Band38	20MHz	QPSK	38150	1RB#49	23.54	23.24	33.00	PASS
Band38	20MHz	QPSK	38150	1RB#99	23.58	23.28	33.00	PASS
Band38	20MHz	QPSK	38150	50RB#0	22.74	22.44	33.00	PASS
Band38	20MHz	QPSK	38150	50RB#25	22.78	22.48	33.00	PASS
Band38	20MHz	QPSK	38150	50RB#50	22.77	22.47	33.00	PASS
Band38	20MHz	QPSK	38150	100RB#0	22.78	22.48	33.00	PASS
Band38	20MHz	64QAM	37850	1RB#0	21.67	21.37	33.00	PASS
Band38	20MHz	64QAM	37850	1RB#49	21.33	21.03	33.00	PASS
Band38	20MHz	64QAM	37850	1RB#99	21.11	20.81	33.00	PASS
Band38	20MHz	64QAM	37850	50RB#0	20.60	20.30	33.00	PASS
Band38	20MHz	64QAM	37850	50RB#25	20.88	20.58	33.00	PASS
Band38	20MHz	64QAM	37850	50RB#50	20.79	20.49	33.00	PASS
Band38	20MHz	64QAM	37850	100RB#0	20.88	20.58	33.00	PASS
Band38	20MHz	64QAM	38000	1RB#0	21.50	21.20	33.00	PASS
Band38	20MHz	64QAM	38000	1RB#49	21.61	21.31	33.00	PASS
Band38	20MHz	64QAM	38000	1RB#99	21.41	21.11	33.00	PASS
Band38	20MHz	64QAM	38000	50RB#0	20.76	20.46	33.00	PASS
Band38	20MHz	64QAM	38000	50RB#25	20.82	20.52	33.00	PASS
Band38	20MHz	64QAM	38000	50RB#50	20.79	20.49	33.00	PASS
Band38	20MHz	64QAM	38000	100RB#0	20.87	20.57	33.00	PASS
Band38	20MHz	64QAM	38150	1RB#0	21.48	21.18	33.00	PASS
Band38	20MHz	64QAM	38150	1RB#49	21.61	21.31	33.00	PASS
Band38	20MHz	64QAM	38150	1RB#99	21.52	21.22	33.00	PASS
Band38	20MHz	64QAM	38150	50RB#0	20.69	20.39	33.00	PASS
Band38	20MHz	64QAM	38150	50RB#25	20.74	20.44	33.00	PASS
Band38	20MHz	64QAM	38150	50RB#50	20.81	20.51	33.00	PASS
Band38	20MHz	64QAM	38150	100RB#0	20.61	20.31	33.00	PASS
Band38	20MHz	16QAM	37850	1RB#0	22.99	22.69	33.00	PASS
Band38	20MHz	16QAM	37850	1RB#49	22.92	22.62	33.00	PASS
Band38	20MHz	16QAM	37850	1RB#99	22.84	22.54	33.00	PASS
Band38	20MHz	16QAM	37850	50RB#0	21.97	21.67	33.00	PASS
Band38	20MHz	16QAM	37850	50RB#25	21.96	21.66	33.00	PASS
Band38	20MHz	16QAM	37850	50RB#50	21.96	21.66	33.00	PASS
Band38	20MHz	16QAM	37850	100RB#0	22.00	21.70	33.00	PASS
Band38	20MHz	16QAM	38000	1RB#0	23.03	22.73	33.00	PASS
Band38	20MHz	16QAM	38000	1RB#49	22.89	22.59	33.00	PASS
Band38	20MHz	16QAM	38000	1RB#99	22.78	22.48	33.00	PASS
Band38	20MHz	16QAM	38000	50RB#0	21.89	21.59	33.00	PASS
Band38	20MHz	16QAM	38000	50RB#25	21.90	21.60	33.00	PASS
Band38	20MHz	16QAM	38000	50RB#50	21.84	21.54	33.00	PASS
Band38	20MHz	16QAM	38000	100RB#0	21.99	21.69	33.00	PASS
Band38	20MHz	16QAM	38150	1RB#0	22.87	22.57	33.00	PASS
Band38	20MHz	16QAM	38150	1RB#49	22.84	22.54	33.00	PASS
Band38	20MHz	16QAM	38150	1RB#99	22.81	22.51	33.00	PASS
Band38	20MHz	16QAM	38150	50RB#0	21.79	21.49	33.00	PASS
Band38	20MHz	16QAM	38150	50RB#25	21.86	21.56	33.00	PASS
Band38	20MHz	16QAM	38150	50RB#50	21.83	21.53	33.00	PASS



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Band38	20MHz	16QAM	38150	100RB#0	21.80	21.50	33.00	PASS
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1.3. Test Result for Ant3

Band	Bandwidth	Modulation	Channel	RB Configuration	Conducted Power(dBm)	EIRP (dBm)	Limit (dBm)	Verdict
Band38	5MHz	QPSK	37775	1RB#0	23.05	22.95	33.00	PASS
Band38	5MHz	QPSK	37775	1RB#13	23.06	22.96	33.00	PASS
Band38	5MHz	QPSK	37775	1RB#24	23.04	22.94	33.00	PASS
Band38	5MHz	QPSK	37775	12RB#0	22.08	21.98	33.00	PASS
Band38	5MHz	QPSK	37775	12RB#6	22.16	22.06	33.00	PASS
Band38	5MHz	QPSK	37775	12RB#13	22.09	21.99	33.00	PASS
Band38	5MHz	QPSK	37775	25RB#0	22.11	22.01	33.00	PASS
Band38	5MHz	QPSK	38000	1RB#0	23.04	22.94	33.00	PASS
Band38	5MHz	QPSK	38000	1RB#13	23.01	22.91	33.00	PASS
Band38	5MHz	QPSK	38000	1RB#24	23.00	22.90	33.00	PASS
Band38	5MHz	QPSK	38000	12RB#0	21.99	21.89	33.00	PASS
Band38	5MHz	QPSK	38000	12RB#6	22.10	22.00	33.00	PASS
Band38	5MHz	QPSK	38000	12RB#13	22.06	21.96	33.00	PASS
Band38	5MHz	QPSK	38000	25RB#0	22.11	22.01	33.00	PASS
Band38	5MHz	QPSK	38225	1RB#0	22.94	22.84	33.00	PASS
Band38	5MHz	QPSK	38225	1RB#13	23.05	22.95	33.00	PASS
Band38	5MHz	QPSK	38225	1RB#24	22.97	22.87	33.00	PASS
Band38	5MHz	QPSK	38225	12RB#0	22.00	21.90	33.00	PASS
Band38	5MHz	QPSK	38225	12RB#6	22.12	22.02	33.00	PASS
Band38	5MHz	QPSK	38225	12RB#13	22.10	22.00	33.00	PASS
Band38	5MHz	QPSK	38225	25RB#0	21.98	21.88	33.00	PASS
Band38	5MHz	64QAM	37775	1RB#0	21.12	21.02	33.00	PASS
Band38	5MHz	64QAM	37775	1RB#13	20.94	20.84	33.00	PASS
Band38	5MHz	64QAM	37775	1RB#24	20.99	20.89	33.00	PASS
Band38	5MHz	64QAM	37775	12RB#0	19.82	19.72	33.00	PASS
Band38	5MHz	64QAM	37775	12RB#6	19.94	19.84	33.00	PASS
Band38	5MHz	64QAM	37775	12RB#13	19.94	19.84	33.00	PASS
Band38	5MHz	64QAM	37775	25RB#0	19.92	19.82	33.00	PASS
Band38	5MHz	64QAM	38000	1RB#0	21.02	20.92	33.00	PASS
Band38	5MHz	64QAM	38000	1RB#13	21.18	21.08	33.00	PASS
Band38	5MHz	64QAM	38000	1RB#24	21.12	21.02	33.00	PASS
Band38	5MHz	64QAM	38000	12RB#0	19.85	19.75	33.00	FAIL
Band38	5MHz	64QAM	38000	12RB#6	19.97	19.87	33.00	PASS
Band38	5MHz	64QAM	38000	12RB#13	19.85	19.75	33.00	PASS
Band38	5MHz	64QAM	38000	25RB#0	20.05	19.95	33.00	PASS
Band38	5MHz	64QAM	38225	1RB#0	20.89	20.79	33.00	PASS
Band38	5MHz	64QAM	38225	1RB#13	21.04	20.94	33.00	PASS
Band38	5MHz	64QAM	38225	1RB#24	20.92	20.82	33.00	PASS
Band38	5MHz	64QAM	38225	12RB#0	19.90	19.80	33.00	PASS
Band38	5MHz	64QAM	38225	12RB#6	19.86	19.76	33.00	PASS
Band38	5MHz	64QAM	38225	12RB#13	19.97	19.87	33.00	PASS



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Band38	5MHz	64QAM	38225	25RB#0	19.82	19.72	33.00	PASS
Band38	5MHz	16QAM	37775	1RB#0	22.24	22.14	33.00	PASS
Band38	5MHz	16QAM	37775	1RB#13	22.21	22.11	33.00	PASS
Band38	5MHz	16QAM	37775	1RB#24	22.25	22.15	33.00	PASS
Band38	5MHz	16QAM	37775	12RB#0	21.05	20.95	33.00	PASS
Band38	5MHz	16QAM	37775	12RB#6	21.09	20.99	33.00	PASS
Band38	5MHz	16QAM	37775	12RB#13	21.06	20.96	33.00	PASS
Band38	5MHz	16QAM	37775	25RB#0	21.18	21.08	33.00	PASS
Band38	5MHz	16QAM	38000	1RB#0	22.13	22.03	33.00	PASS
Band38	5MHz	16QAM	38000	1RB#13	22.20	22.10	33.00	PASS
Band38	5MHz	16QAM	38000	1RB#24	22.14	22.04	33.00	PASS
Band38	5MHz	16QAM	38000	12RB#0	21.01	20.91	33.00	PASS
Band38	5MHz	16QAM	38000	12RB#6	21.06	20.96	33.00	PASS
Band38	5MHz	16QAM	38000	12RB#13	21.01	20.91	33.00	PASS
Band38	5MHz	16QAM	38000	25RB#0	21.07	20.97	33.00	PASS
Band38	5MHz	16QAM	38225	1RB#0	22.08	21.98	33.00	PASS
Band38	5MHz	16QAM	38225	1RB#13	22.15	22.05	33.00	PASS
Band38	5MHz	16QAM	38225	1RB#24	22.19	22.09	33.00	PASS
Band38	5MHz	16QAM	38225	12RB#0	21.02	20.92	33.00	PASS
Band38	5MHz	16QAM	38225	12RB#6	21.10	21.00	33.00	PASS
Band38	5MHz	16QAM	38225	12RB#13	21.07	20.97	33.00	PASS
Band38	5MHz	16QAM	38225	25RB#0	20.99	20.89	33.00	PASS
Band38	10MHz	QPSK	37800	1RB#0	22.92	22.82	33.00	PASS
Band38	10MHz	QPSK	37800	1RB#24	23.18	23.08	33.00	PASS
Band38	10MHz	QPSK	37800	1RB#49	22.96	22.86	33.00	PASS
Band38	10MHz	QPSK	37800	25RB#0	22.30	22.20	33.00	PASS
Band38	10MHz	QPSK	37800	25RB#12	22.28	22.18	33.00	PASS
Band38	10MHz	QPSK	37800	25RB#25	22.19	22.09	33.00	PASS
Band38	10MHz	QPSK	37800	50RB#0	22.20	22.10	33.00	PASS
Band38	10MHz	QPSK	38000	1RB#0	22.97	22.87	33.00	PASS
Band38	10MHz	QPSK	38000	1RB#24	22.99	22.89	33.00	PASS
Band38	10MHz	QPSK	38000	1RB#49	23.08	22.98	33.00	PASS
Band38	10MHz	QPSK	38000	25RB#0	22.19	22.09	33.00	PASS
Band38	10MHz	QPSK	38000	25RB#12	22.10	22.00	33.00	PASS
Band38	10MHz	QPSK	38000	25RB#25	22.13	22.03	33.00	PASS
Band38	10MHz	QPSK	38000	50RB#0	22.08	21.98	33.00	PASS
Band38	10MHz	QPSK	38200	1RB#0	22.88	22.78	33.00	PASS
Band38	10MHz	QPSK	38200	1RB#24	22.90	22.80	33.00	PASS
Band38	10MHz	QPSK	38200	1RB#49	22.98	22.88	33.00	PASS
Band38	10MHz	QPSK	38200	25RB#0	21.99	21.89	33.00	PASS
Band38	10MHz	QPSK	38200	25RB#12	22.07	21.97	33.00	PASS
Band38	10MHz	QPSK	38200	25RB#25	22.12	22.02	33.00	PASS
Band38	10MHz	QPSK	38200	50RB#0	21.99	21.89	33.00	PASS
Band38	10MHz	64QAM	37800	1RB#0	21.10	21.00	33.00	PASS
Band38	10MHz	64QAM	37800	1RB#24	21.21	21.11	33.00	PASS
Band38	10MHz	64QAM	37800	1RB#49	21.16	21.06	33.00	PASS
Band38	10MHz	64QAM	37800	25RB#0	19.86	19.76	33.00	PASS



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Band38	10MHz	64QAM	37800	25RB#12	20.07	19.97	33.00	PASS
Band38	10MHz	64QAM	37800	25RB#25	19.92	19.82	33.00	PASS
Band38	10MHz	64QAM	37800	50RB#0	19.88	19.78	33.00	PASS
Band38	10MHz	64QAM	38000	1RB#0	21.08	20.98	33.00	PASS
Band38	10MHz	64QAM	38000	1RB#24	20.94	20.84	33.00	PASS
Band38	10MHz	64QAM	38000	1RB#49	20.84	20.74	33.00	PASS
Band38	10MHz	64QAM	38000	25RB#0	19.97	19.87	33.00	PASS
Band38	10MHz	64QAM	38000	25RB#12	19.91	19.81	33.00	PASS
Band38	10MHz	64QAM	38000	25RB#25	20.00	19.90	33.00	PASS
Band38	10MHz	64QAM	38000	50RB#0	20.01	19.91	33.00	PASS
Band38	10MHz	64QAM	38200	1RB#0	20.96	20.86	33.00	PASS
Band38	10MHz	64QAM	38200	1RB#24	21.18	21.08	33.00	PASS
Band38	10MHz	64QAM	38200	1RB#49	20.98	20.88	33.00	PASS
Band38	10MHz	64QAM	38200	25RB#0	19.86	19.76	33.00	PASS
Band38	10MHz	64QAM	38200	25RB#12	19.87	19.77	33.00	PASS
Band38	10MHz	64QAM	38200	25RB#25	20.07	19.97	33.00	PASS
Band38	10MHz	64QAM	38200	50RB#0	20.01	19.91	33.00	PASS
Band38	10MHz	16QAM	37800	1RB#0	22.27	22.17	33.00	PASS
Band38	10MHz	16QAM	37800	1RB#24	22.24	22.14	33.00	PASS
Band38	10MHz	16QAM	37800	1RB#49	22.20	22.10	33.00	PASS
Band38	10MHz	16QAM	37800	25RB#0	21.02	20.92	33.00	PASS
Band38	10MHz	16QAM	37800	25RB#12	21.07	20.97	33.00	PASS
Band38	10MHz	16QAM	37800	25RB#25	21.19	21.09	33.00	PASS
Band38	10MHz	16QAM	37800	50RB#0	21.15	21.05	33.00	PASS
Band38	10MHz	16QAM	38000	1RB#0	22.26	22.16	33.00	PASS
Band38	10MHz	16QAM	38000	1RB#24	22.11	22.01	33.00	PASS
Band38	10MHz	16QAM	38000	1RB#49	22.01	21.91	33.00	PASS
Band38	10MHz	16QAM	38000	25RB#0	20.99	20.89	33.00	PASS
Band38	10MHz	16QAM	38000	25RB#12	21.10	21.00	33.00	PASS
Band38	10MHz	16QAM	38000	25RB#25	21.14	21.04	33.00	PASS
Band38	10MHz	16QAM	38000	50RB#0	21.18	21.08	33.00	PASS
Band38	10MHz	16QAM	38200	1RB#0	22.13	22.03	33.00	PASS
Band38	10MHz	16QAM	38200	1RB#24	22.21	22.11	33.00	PASS
Band38	10MHz	16QAM	38200	1RB#49	21.99	21.89	33.00	PASS
Band38	10MHz	16QAM	38200	25RB#0	21.06	20.96	33.00	PASS
Band38	10MHz	16QAM	38200	25RB#12	21.04	20.94	33.00	PASS
Band38	10MHz	16QAM	38200	25RB#25	21.13	21.03	33.00	PASS
Band38	10MHz	16QAM	38200	50RB#0	21.15	21.05	33.00	PASS
Band38	15MHz	QPSK	37825	1RB#0	23.21	23.11	33.00	PASS
Band38	15MHz	QPSK	37825	1RB#38	23.17	23.07	33.00	PASS
Band38	15MHz	QPSK	37825	1RB#74	23.26	23.16	33.00	PASS
Band38	15MHz	QPSK	37825	36RB#0	22.26	22.16	33.00	PASS
Band38	15MHz	QPSK	37825	36RB#18	22.28	22.18	33.00	PASS
Band38	15MHz	QPSK	37825	36RB#39	22.28	22.18	33.00	PASS
Band38	15MHz	QPSK	37825	75RB#0	22.36	22.26	33.00	PASS
Band38	15MHz	QPSK	38000	1RB#0	23.21	23.11	33.00	PASS
Band38	15MHz	QPSK	38000	1RB#38	23.19	23.09	33.00	PASS



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Band38	15MHz	QPSK	38000	1RB#74	23.11	23.01	33.00	PASS
Band38	15MHz	QPSK	38000	36RB#0	22.26	22.16	33.00	PASS
Band38	15MHz	QPSK	38000	36RB#18	22.26	22.16	33.00	PASS
Band38	15MHz	QPSK	38000	36RB#39	22.33	22.23	33.00	PASS
Band38	15MHz	QPSK	38000	75RB#0	22.34	22.24	33.00	PASS
Band38	15MHz	QPSK	38175	1RB#0	23.12	23.02	33.00	PASS
Band38	15MHz	QPSK	38175	1RB#38	23.11	23.01	33.00	PASS
Band38	15MHz	QPSK	38175	1RB#74	23.21	23.11	33.00	PASS
Band38	15MHz	QPSK	38175	36RB#0	22.25	22.15	33.00	PASS
Band38	15MHz	QPSK	38175	36RB#18	22.20	22.10	33.00	PASS
Band38	15MHz	QPSK	38175	36RB#39	22.25	22.15	33.00	PASS
Band38	15MHz	QPSK	38175	75RB#0	22.21	22.11	33.00	PASS
Band38	15MHz	64QAM	37825	1RB#0	21.39	21.29	33.00	PASS
Band38	15MHz	64QAM	37825	1RB#38	21.30	21.20	33.00	PASS
Band38	15MHz	64QAM	37825	1RB#74	21.12	21.02	33.00	PASS
Band38	15MHz	64QAM	37825	36RB#0	20.24	20.14	33.00	PASS
Band38	15MHz	64QAM	37825	36RB#18	20.07	19.97	33.00	PASS
Band38	15MHz	64QAM	37825	36RB#39	20.14	20.04	33.00	PASS
Band38	15MHz	64QAM	37825	75RB#0	20.42	20.32	33.00	PASS
Band38	15MHz	64QAM	38000	1RB#0	21.36	21.26	33.00	PASS
Band38	15MHz	64QAM	38000	1RB#38	21.28	21.18	33.00	PASS
Band38	15MHz	64QAM	38000	1RB#74	21.15	21.05	33.00	PASS
Band38	15MHz	64QAM	38000	36RB#0	20.23	20.13	33.00	PASS
Band38	15MHz	64QAM	38000	36RB#18	20.04	19.94	33.00	PASS
Band38	15MHz	64QAM	38000	36RB#39	20.23	20.13	33.00	PASS
Band38	15MHz	64QAM	38000	75RB#0	20.26	20.16	33.00	PASS
Band38	15MHz	64QAM	38175	1RB#0	21.20	21.10	33.00	PASS
Band38	15MHz	64QAM	38175	1RB#38	21.29	21.19	33.00	PASS
Band38	15MHz	64QAM	38175	1RB#74	21.11	21.01	33.00	PASS
Band38	15MHz	64QAM	38175	36RB#0	20.31	20.21	33.00	PASS
Band38	15MHz	64QAM	38175	36RB#18	20.12	20.02	33.00	PASS
Band38	15MHz	64QAM	38175	36RB#39	20.00	19.90	33.00	PASS
Band38	15MHz	64QAM	38175	75RB#0	20.27	20.17	33.00	PASS
Band38	15MHz	16QAM	37825	1RB#0	22.51	22.41	33.00	PASS
Band38	15MHz	16QAM	37825	1RB#38	22.42	22.32	33.00	PASS
Band38	15MHz	16QAM	37825	1RB#74	22.34	22.24	33.00	PASS
Band38	15MHz	16QAM	37825	36RB#0	21.30	21.20	33.00	PASS
Band38	15MHz	16QAM	37825	36RB#18	21.29	21.19	33.00	PASS
Band38	15MHz	16QAM	37825	36RB#39	21.29	21.19	33.00	PASS
Band38	15MHz	16QAM	37825	75RB#0	21.43	21.33	33.00	PASS
Band38	15MHz	16QAM	38000	1RB#0	22.42	22.32	33.00	PASS
Band38	15MHz	16QAM	38000	1RB#38	22.30	22.20	33.00	PASS
Band38	15MHz	16QAM	38000	1RB#74	22.34	22.24	33.00	PASS
Band38	15MHz	16QAM	38000	36RB#0	21.24	21.14	33.00	PASS
Band38	15MHz	16QAM	38000	36RB#18	21.17	21.07	33.00	PASS
Band38	15MHz	16QAM	38000	36RB#39	21.29	21.19	33.00	PASS
Band38	15MHz	16QAM	38000	75RB#0	21.29	21.19	33.00	PASS



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Band38	15MHz	16QAM	38175	1RB#0	22.38	22.28	33.00	PASS
Band38	15MHz	16QAM	38175	1RB#38	22.36	22.26	33.00	PASS
Band38	15MHz	16QAM	38175	1RB#74	22.27	22.17	33.00	PASS
Band38	15MHz	16QAM	38175	36RB#0	21.34	21.24	33.00	PASS
Band38	15MHz	16QAM	38175	36RB#18	21.25	21.15	33.00	PASS
Band38	15MHz	16QAM	38175	36RB#39	21.17	21.07	33.00	PASS
Band38	15MHz	16QAM	38175	75RB#0	21.32	21.22	33.00	PASS
Band38	20MHz	QPSK	37850	1RB#0	23.40	23.30	33.00	PASS
Band38	20MHz	QPSK	37850	1RB#49	23.19	23.09	33.00	PASS
Band38	20MHz	QPSK	37850	1RB#99	23.04	22.94	33.00	PASS
Band38	20MHz	QPSK	37850	50RB#0	22.38	22.28	33.00	PASS
Band38	20MHz	QPSK	37850	50RB#25	22.42	22.32	33.00	PASS
Band38	20MHz	QPSK	37850	50RB#50	22.22	22.12	33.00	PASS
Band38	20MHz	QPSK	37850	100RB#0	22.36	22.26	33.00	PASS
Band38	20MHz	QPSK	38000	1RB#0	23.20	23.10	33.00	PASS
Band38	20MHz	QPSK	38000	1RB#49	23.07	22.97	33.00	PASS
Band38	20MHz	QPSK	38000	1RB#99	23.14	23.04	33.00	PASS
Band38	20MHz	QPSK	38000	50RB#0	22.24	22.14	33.00	PASS
Band38	20MHz	QPSK	38000	50RB#25	22.42	22.32	33.00	PASS
Band38	20MHz	QPSK	38000	50RB#50	22.45	22.35	33.00	PASS
Band38	20MHz	QPSK	38000	100RB#0	22.32	22.22	33.00	PASS
Band38	20MHz	QPSK	38150	1RB#0	23.42	23.32	33.00	PASS
Band38	20MHz	QPSK	38150	1RB#49	23.19	23.09	33.00	PASS
Band38	20MHz	QPSK	38150	1RB#99	23.14	23.04	33.00	PASS
Band38	20MHz	QPSK	38150	50RB#0	22.32	22.22	33.00	PASS
Band38	20MHz	QPSK	38150	50RB#25	22.25	22.15	33.00	PASS
Band38	20MHz	QPSK	38150	50RB#50	22.29	22.19	33.00	PASS
Band38	20MHz	QPSK	38150	100RB#0	22.25	22.15	33.00	PASS
Band38	20MHz	64QAM	37850	1RB#0	21.25	21.15	33.00	PASS
Band38	20MHz	64QAM	37850	1RB#49	21.21	21.11	33.00	PASS
Band38	20MHz	64QAM	37850	1RB#99	20.98	20.88	33.00	PASS
Band38	20MHz	64QAM	37850	50RB#0	20.30	20.20	33.00	PASS
Band38	20MHz	64QAM	37850	50RB#25	20.25	20.15	33.00	PASS
Band38	20MHz	64QAM	37850	50RB#50	20.10	20.00	33.00	PASS
Band38	20MHz	64QAM	37850	100RB#0	20.18	20.08	33.00	PASS
Band38	20MHz	64QAM	38000	1RB#0	21.31	21.21	33.00	PASS
Band38	20MHz	64QAM	38000	1RB#49	21.12	21.02	33.00	PASS
Band38	20MHz	64QAM	38000	1RB#99	21.13	21.03	33.00	PASS
Band38	20MHz	64QAM	38000	50RB#0	20.06	19.96	33.00	PASS
Band38	20MHz	64QAM	38000	50RB#25	20.22	20.12	33.00	PASS
Band38	20MHz	64QAM	38000	50RB#50	20.30	20.20	33.00	PASS
Band38	20MHz	64QAM	38000	100RB#0	20.36	20.26	33.00	PASS
Band38	20MHz	64QAM	38150	1RB#0	21.02	20.92	33.00	PASS
Band38	20MHz	64QAM	38150	1RB#49	21.16	21.06	33.00	PASS
Band38	20MHz	64QAM	38150	1RB#99	21.12	21.02	33.00	PASS
Band38	20MHz	64QAM	38150	50RB#0	20.11	20.01	33.00	PASS
Band38	20MHz	64QAM	38150	50RB#25	20.08	19.98	33.00	PASS



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Band38	20MHz	64QAM	38150	50RB#50	20.02	19.92	33.00	PASS
Band38	20MHz	64QAM	38150	100RB#0	20.04	19.94	33.00	PASS
Band38	20MHz	16QAM	37850	1RB#0	22.49	22.39	33.00	PASS
Band38	20MHz	16QAM	37850	1RB#49	22.34	22.24	33.00	PASS
Band38	20MHz	16QAM	37850	1RB#99	22.10	22.00	33.00	PASS
Band38	20MHz	16QAM	37850	50RB#0	21.39	21.29	33.00	PASS
Band38	20MHz	16QAM	37850	50RB#25	21.45	21.35	33.00	PASS
Band38	20MHz	16QAM	37850	50RB#50	21.34	21.24	33.00	PASS
Band38	20MHz	16QAM	37850	100RB#0	21.41	21.31	33.00	PASS
Band38	20MHz	16QAM	38000	1RB#0	22.32	22.22	33.00	PASS
Band38	20MHz	16QAM	38000	1RB#49	22.26	22.16	33.00	PASS
Band38	20MHz	16QAM	38000	1RB#99	22.18	22.08	33.00	PASS
Band38	20MHz	16QAM	38000	50RB#0	21.31	21.21	33.00	PASS
Band38	20MHz	16QAM	38000	50RB#25	21.43	21.33	33.00	PASS
Band38	20MHz	16QAM	38000	50RB#50	21.31	21.21	33.00	PASS
Band38	20MHz	16QAM	38000	100RB#0	21.37	21.27	33.00	PASS
Band38	20MHz	16QAM	38150	1RB#0	22.30	22.20	33.00	PASS
Band38	20MHz	16QAM	38150	1RB#49	22.36	22.26	33.00	PASS
Band38	20MHz	16QAM	38150	1RB#99	22.27	22.17	33.00	PASS
Band38	20MHz	16QAM	38150	50RB#0	21.37	21.27	33.00	PASS
Band38	20MHz	16QAM	38150	50RB#25	21.26	21.16	33.00	PASS
Band38	20MHz	16QAM	38150	50RB#50	21.28	21.18	33.00	PASS
Band38	20MHz	16QAM	38150	100RB#0	21.27	21.17	33.00	PASS

Remark:

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

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

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



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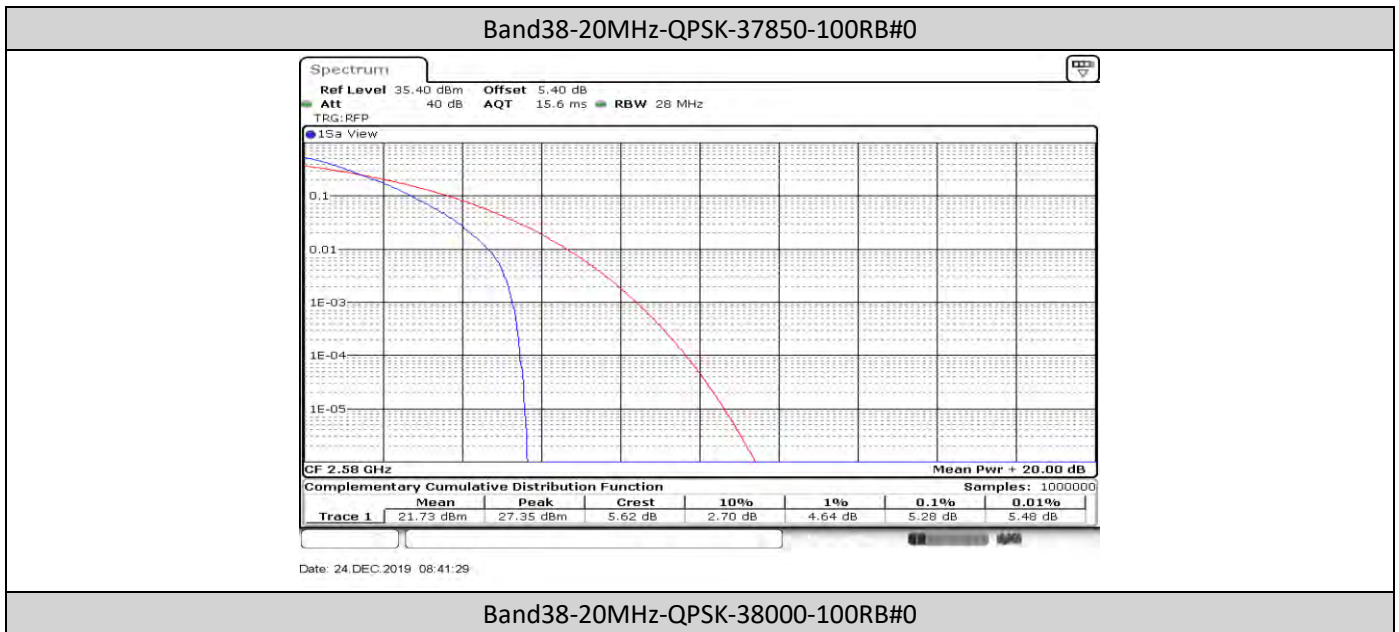


2. Peak-to-Average Ratio (CCDF)

2.1. Test Result

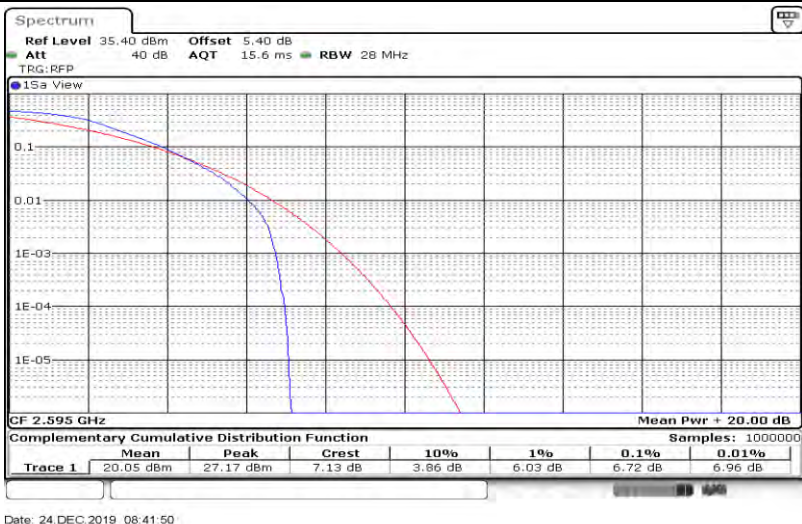
Band	Bandwidth	Modulation	Channel	RB Configuration	Result(dB)	Limit(dB)	Verdict
Band38	20MHz	QPSK	37850	100RB#0	5.28	13.00	PASS
Band38	20MHz	QPSK	38000	100RB#0	6.72	13.00	PASS
Band38	20MHz	QPSK	38150	100RB#0	6.70	13.00	PASS
Band38	20MHz	64QAM	37850	100RB#0	8.49	13.00	PASS
Band38	20MHz	64QAM	38000	100RB#0	7.77	13.00	PASS
Band38	20MHz	64QAM	38150	100RB#0	7.62	13.00	PASS
Band38	20MHz	16QAM	37850	100RB#0	7.74	13.00	PASS
Band38	20MHz	16QAM	38000	100RB#0	7.68	13.00	PASS
Band38	20MHz	16QAM	38150	100RB#0	7.65	13.00	PASS

2.2. Test Plots

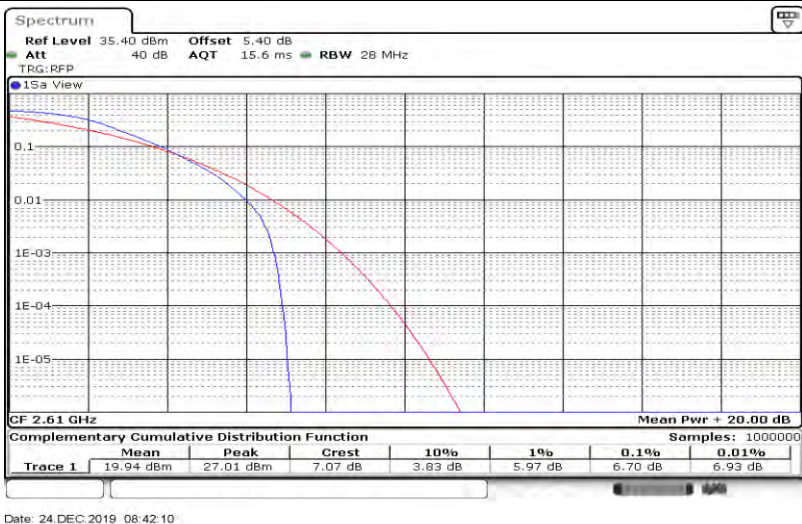


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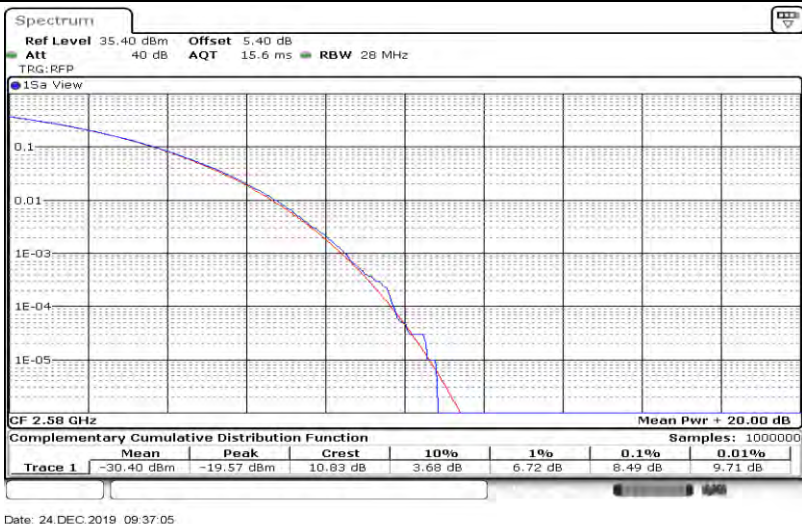


Band38-20MHz-QPSK-38150-100RB#0



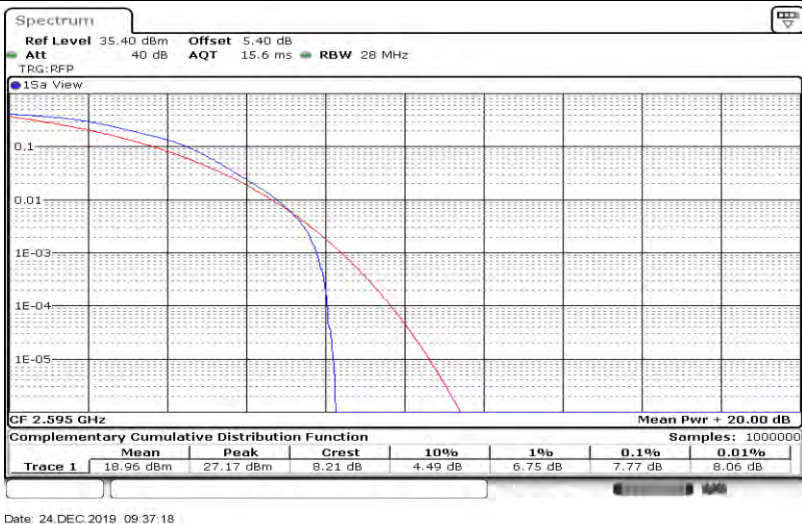
Band38-20MHz-64QAM-37850-100RB#0





Date: 24.DEC.2019 09:37:05

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



Date: 24.DEC.2019 09:37:18

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

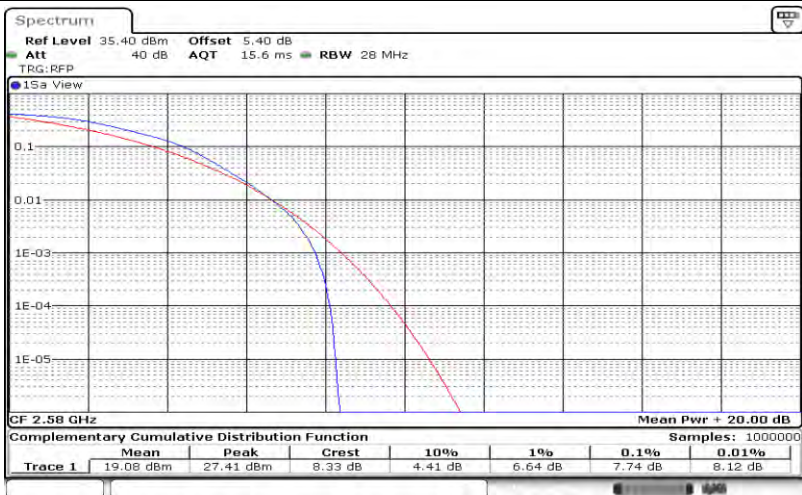


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Band38-20MHz-16QAM-37850-100RB#0



Date: 24.DEC.2019 08:41:38

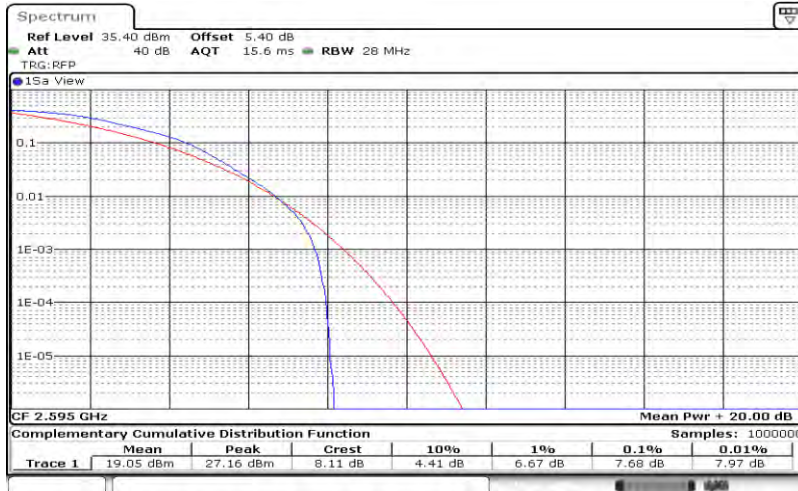
Band38-20MHz-16QAM-38000-100RB#0



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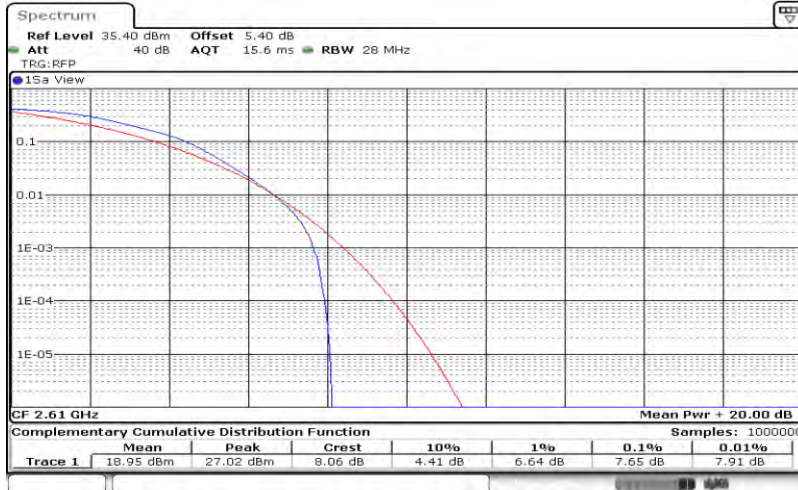
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Date: 24.DEC.2019 08:41:58

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



Date: 24.DEC.2019 08:42:19



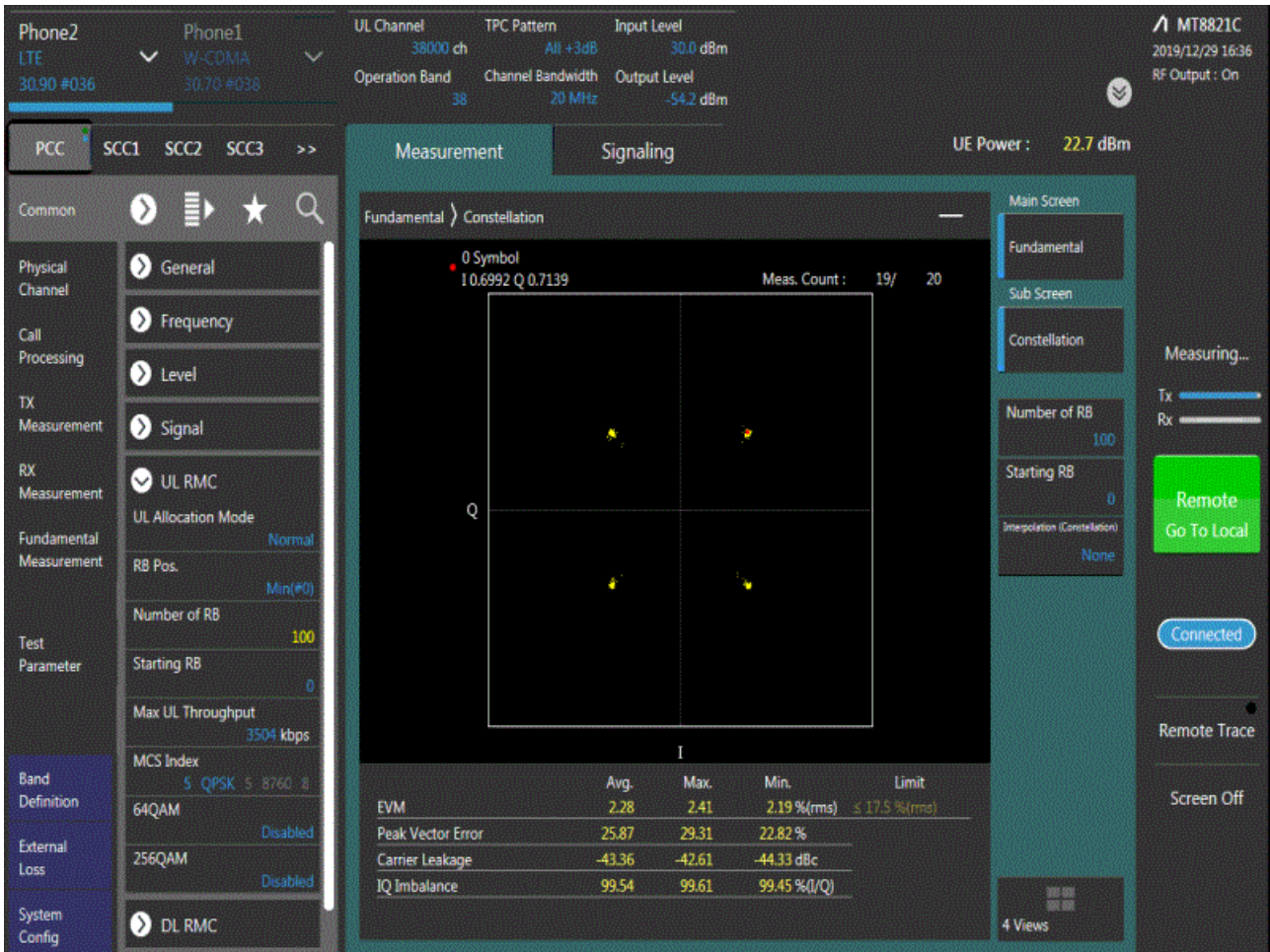
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3. Modulation Characteristics

3.1. Test Mode = LTE /TM1 20MHz

3.1.1. Test Channel = MCH



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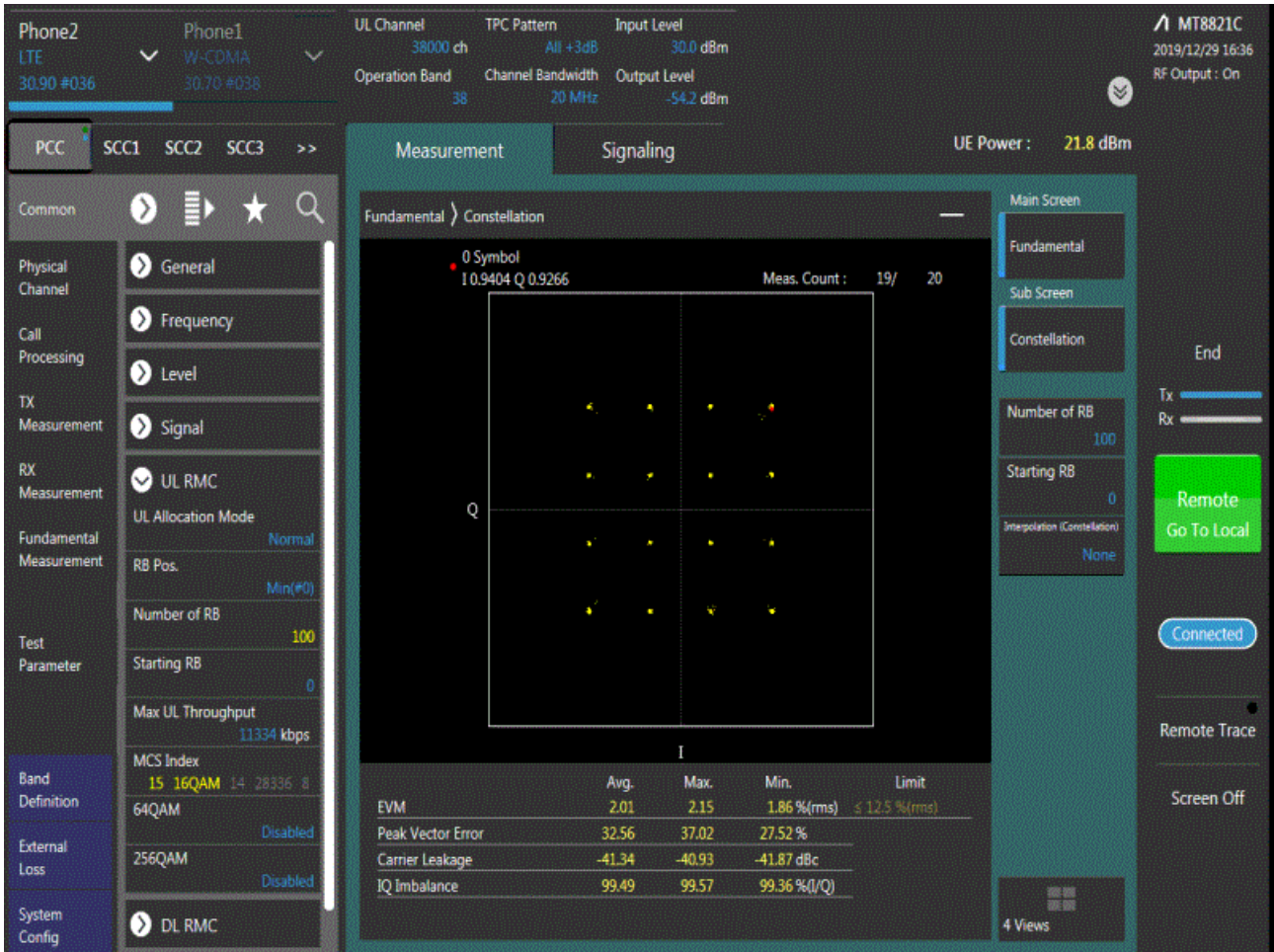
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3.2. Test Mode = LTE /TM2 20MHz

3.2.1. Test Channel = MCH



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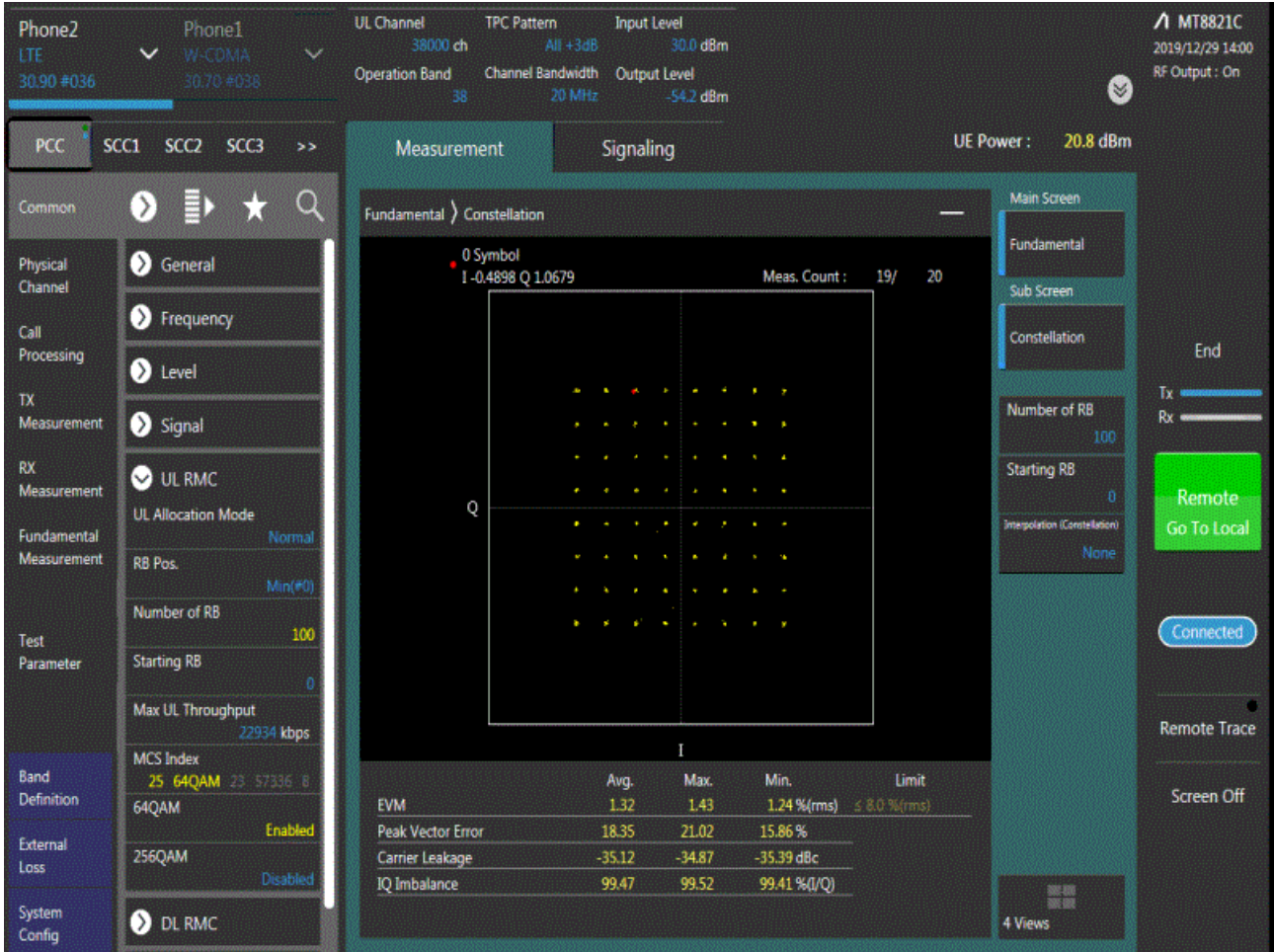
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3.3. Test Mode = LTE /TM3 20MHz

3.3.1. Test Channel = MCH



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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	4.870	PASS
Band38	5MHz	QPSK	38000	25RB#0	4.476	4.880	PASS
Band38	5MHz	QPSK	38225	25RB#0	4.466	4.870	PASS
Band38	5MHz	64QAM	37775	25RB#0	4.466	4.910	PASS
Band38	5MHz	64QAM	38000	25RB#0	4.486	4.870	PASS
Band38	5MHz	64QAM	38225	25RB#0	4.486	4.870	PASS
Band38	5MHz	16QAM	37775	25RB#0	4.476	4.910	PASS
Band38	5MHz	16QAM	38000	25RB#0	4.476	4.920	PASS
Band38	5MHz	16QAM	38225	25RB#0	4.476	4.910	PASS
Band38	10MHz	QPSK	37800	50RB#0	8.971	9.840	PASS
Band38	10MHz	QPSK	38000	50RB#0	8.951	9.780	PASS
Band38	10MHz	QPSK	38200	50RB#0	8.971	9.740	PASS
Band38	10MHz	64QAM	37800	50RB#0	8.931	9.780	PASS
Band38	10MHz	64QAM	38000	50RB#0	8.931	9.760	PASS
Band38	10MHz	64QAM	38200	50RB#0	8.931	9.740	PASS
Band38	10MHz	16QAM	37800	50RB#0	8.931	9.760	PASS
Band38	10MHz	16QAM	38000	50RB#0	8.931	9.760	PASS
Band38	10MHz	16QAM	38200	50RB#0	8.931	9.760	PASS
Band38	15MHz	QPSK	37825	75RB#0	13.487	15.180	PASS
Band38	15MHz	QPSK	38000	75RB#0	13.487	14.940	PASS
Band38	15MHz	QPSK	38175	75RB#0	13.487	15.090	PASS
Band38	15MHz	64QAM	37825	75RB#0	13.457	15.150	PASS
Band38	15MHz	64QAM	38000	75RB#0	13.546	15.270	PASS
Band38	15MHz	64QAM	38175	75RB#0	13.576	15.150	PASS
Band38	15MHz	16QAM	37825	75RB#0	13.487	15.030	PASS
Band38	15MHz	16QAM	38000	75RB#0	13.487	15.090	PASS
Band38	15MHz	16QAM	38175	75RB#0	13.487	14.970	PASS
Band38	20MHz	QPSK	37850	100RB#0	17.982	19.760	PASS
Band38	20MHz	QPSK	38000	100RB#0	17.982	19.800	PASS
Band38	20MHz	QPSK	38150	100RB#0	18.022	19.840	PASS
Band38	20MHz	64QAM	37850	100RB#0	17.862	19.640	PASS



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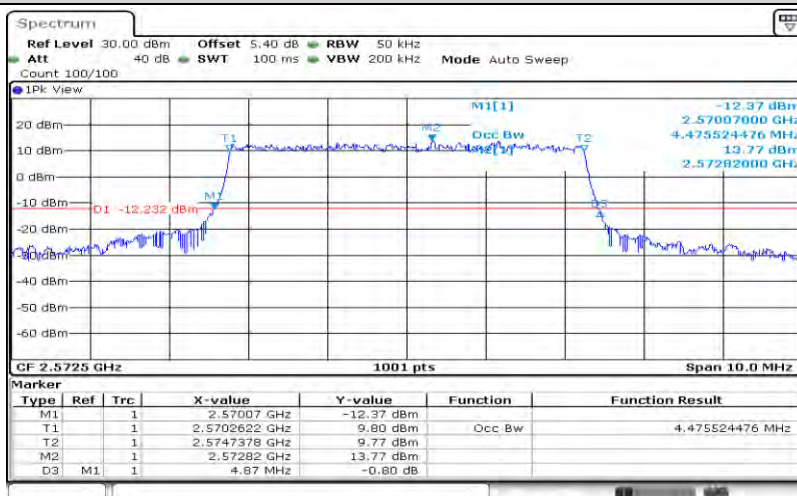
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Band38	20MHz	64QAM	38000	100RB#0	17.942	19.920	PASS
Band38	20MHz	64QAM	38150	100RB#0	17.942	19.960	PASS
Band38	20MHz	16QAM	37850	100RB#0	17.942	19.680	PASS
Band38	20MHz	16QAM	38000	100RB#0	17.982	19.520	PASS
Band38	20MHz	16QAM	38150	100RB#0	17.942	19.680	PASS

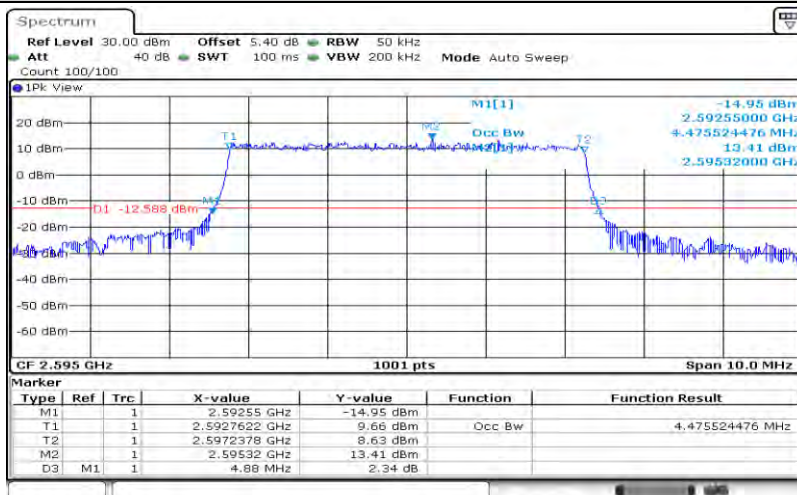
4.2. Test Plots

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



Date: 6 JAN.2020 06:43:06

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

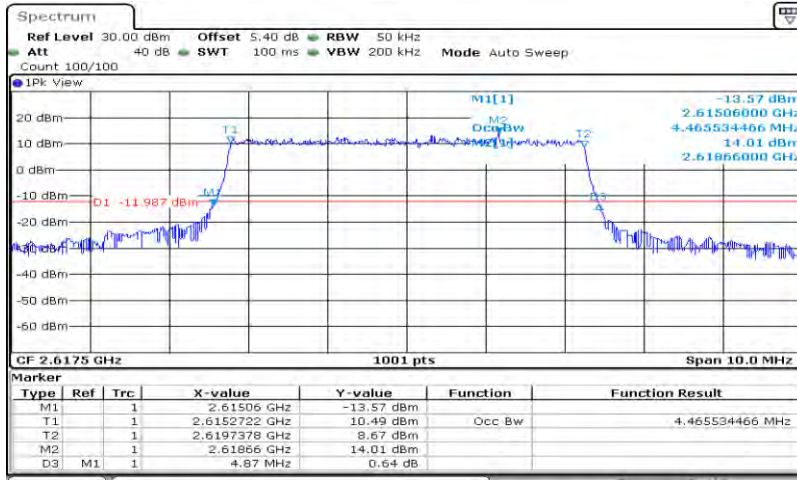


Date: 6 JAN.2020 06:44:06

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

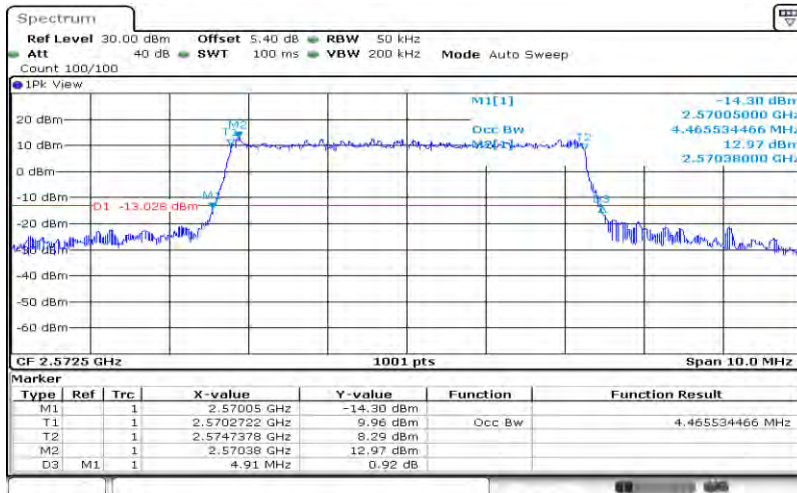


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Date: 6 JAN.2020 06:45:05

Band38-5MHz-64QAM-3775-25RB#0-4.466



Date: 6 JAN.2020 06:43:46

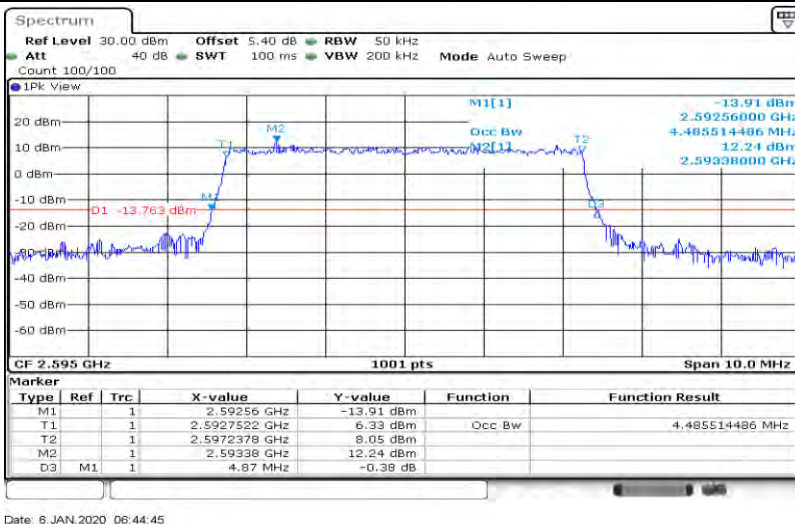
Band38-5MHz-64QAM-38000-25RB#0-4.486



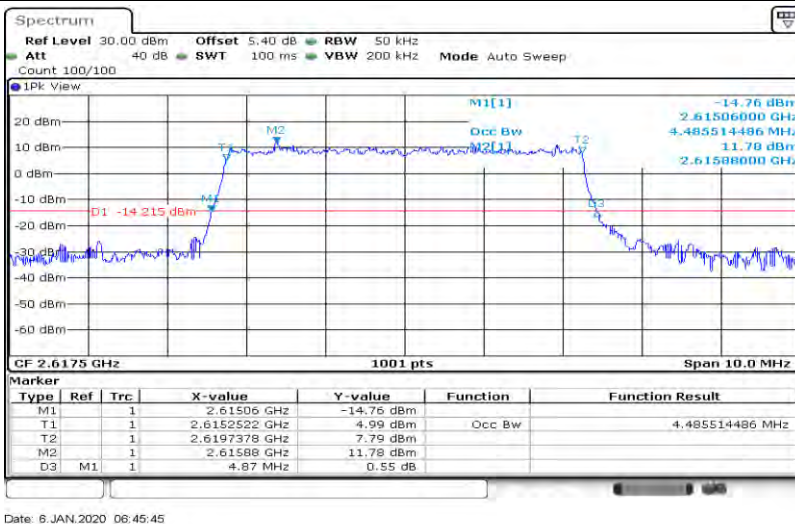
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Band38-5MHz-64QAM-38225-25RB#0-4.486



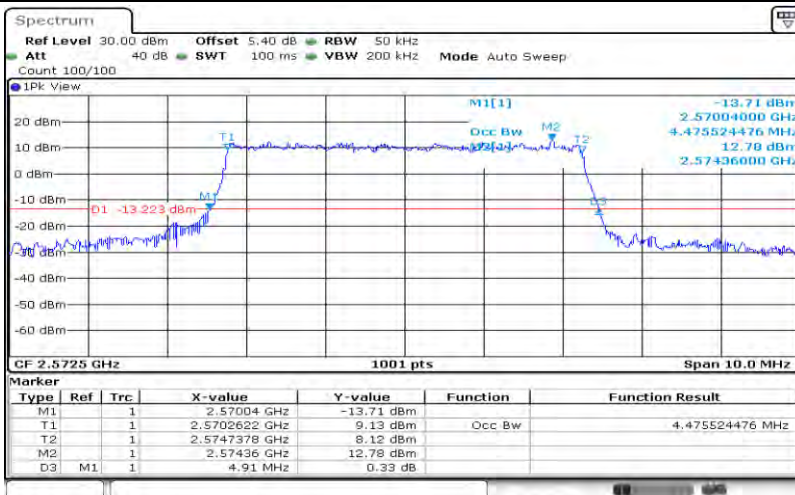
Band38-5MHz-16QAM-3775-25RB#0-4.476



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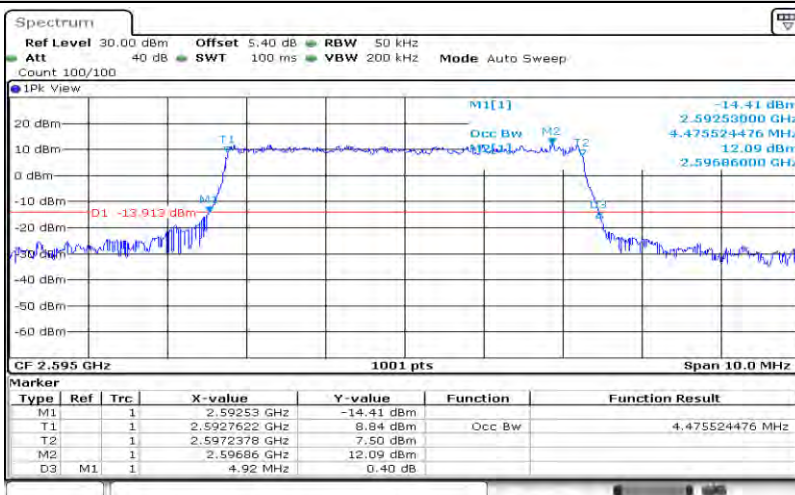
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Date: 6 JAN.2020 06:43:26

Band38-5MHz-16QAM-38000-25RB#0-4.476



Date: 6 JAN.2020 06:44:25

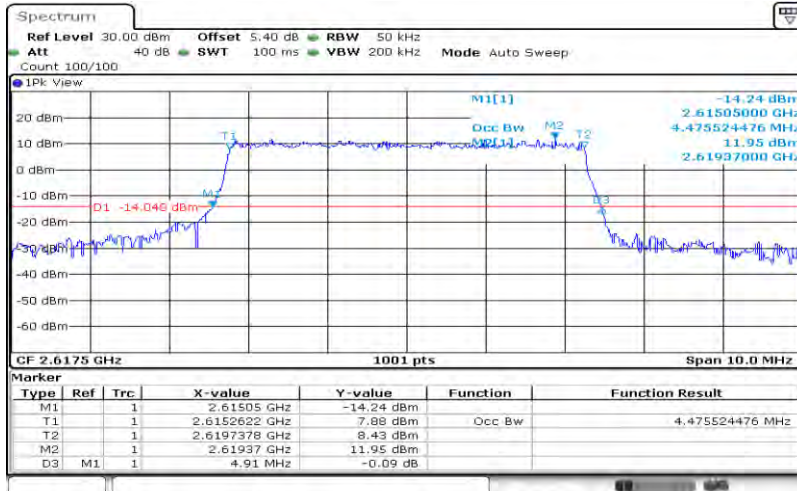
Band38-5MHz-16QAM-38225-25RB#0-4.476



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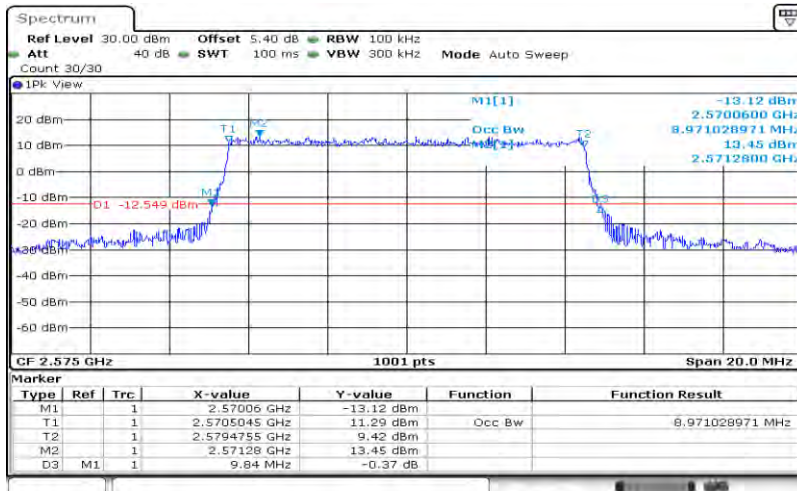
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Date: 6 JAN.2020 06:45:25

Band38-10MHz-QPSK-37800-50RB#0-8.971

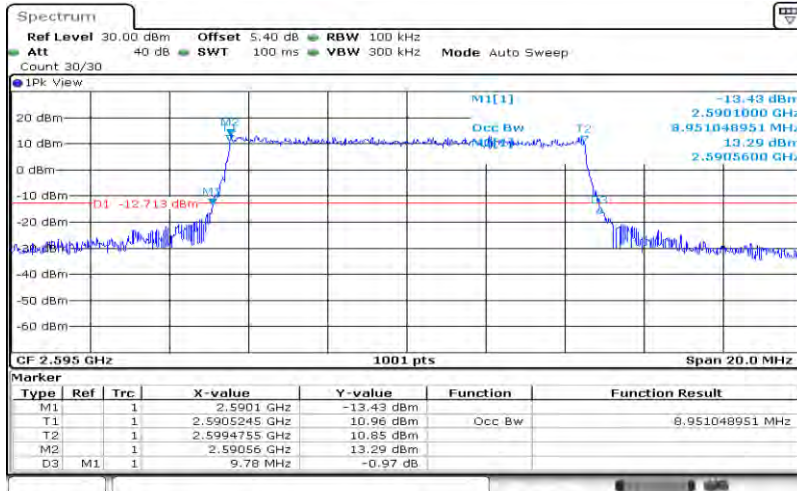


Date: 6 JAN.2020 06:46:03

Band38-10MHz-QPSK-38000-50RB#0-8.951

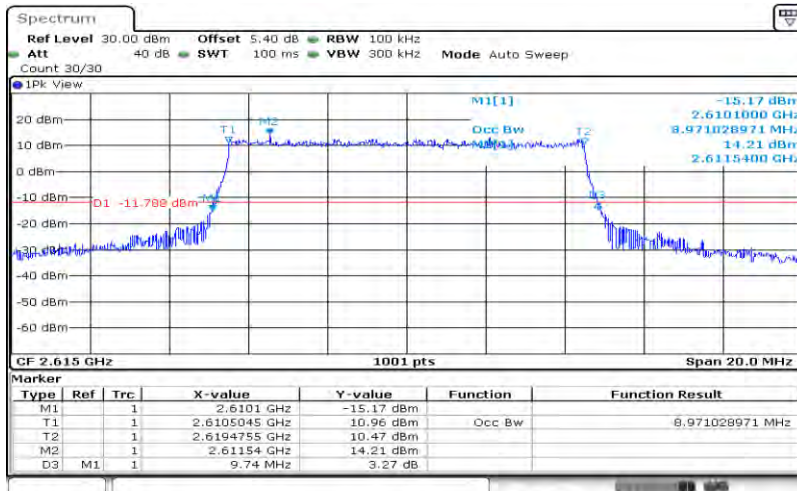


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Date: 6 JAN.2020 06:46:42

Band38-10MHz-QPSK-38200-50RB#0-8.971

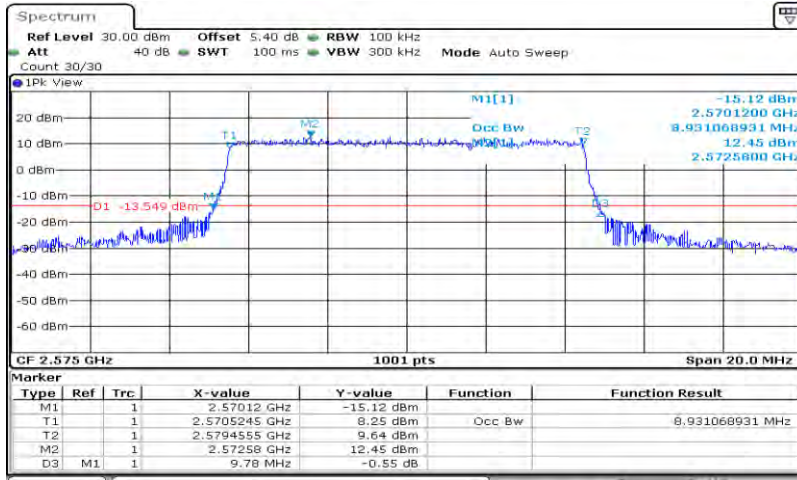


Date: 6 JAN.2020 06:47:20

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

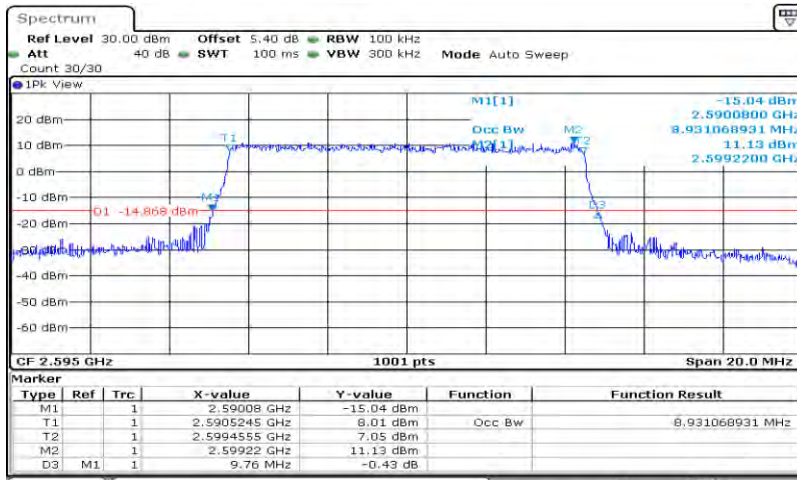


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Date: 6 JAN.2020 06:46:26

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

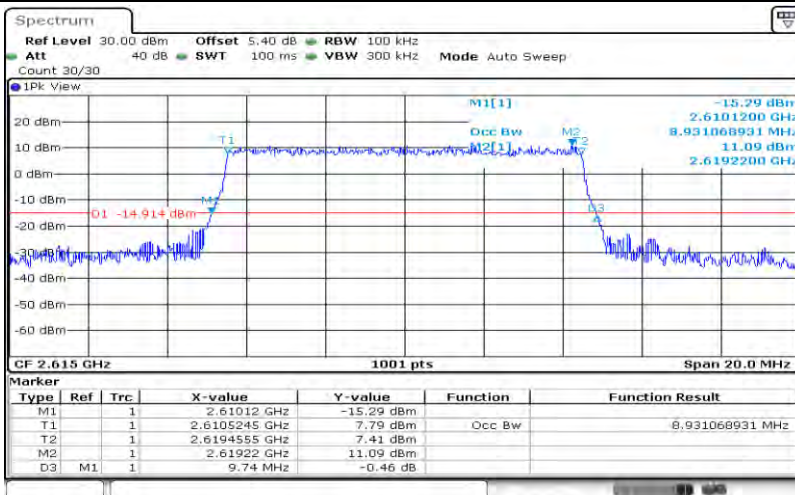


Date: 6 JAN.2020 06:47:07

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

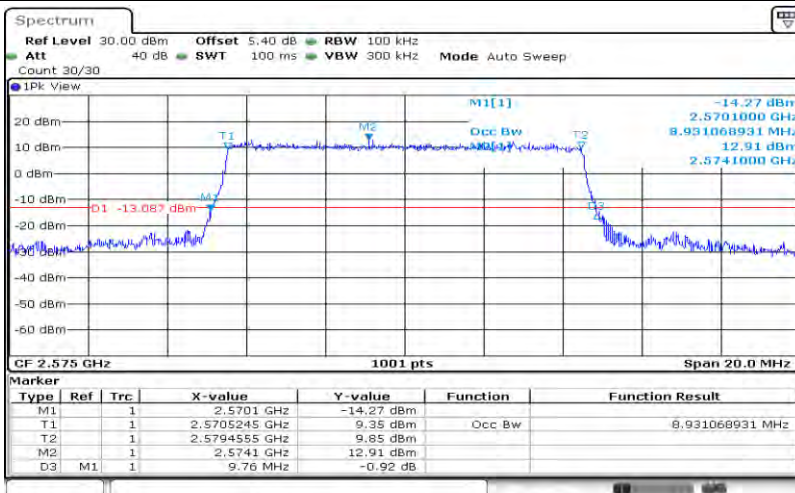


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Date: 6 JAN.2020 06:47:46

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



Date: 6 JAN.2020 06:46:16

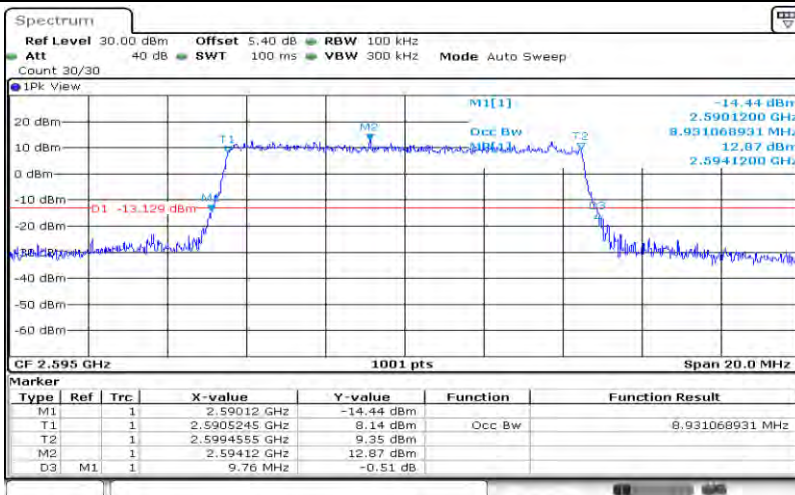
Band38-10MHz-16QAM-38000-50RB#0-8.931



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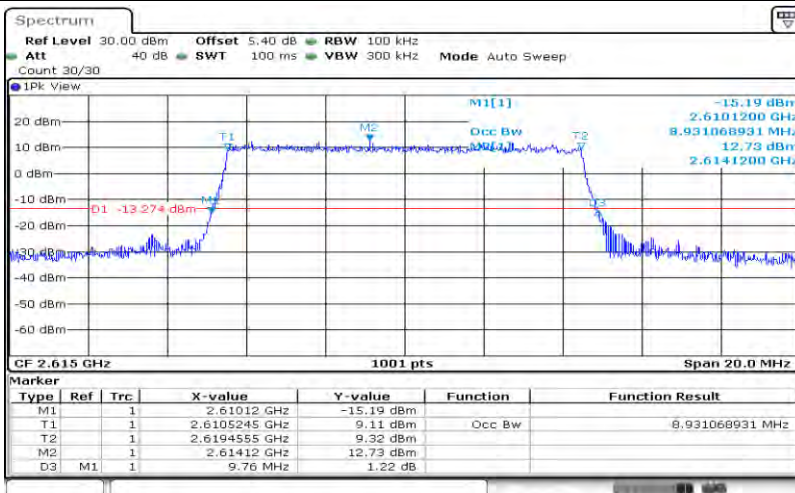
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Date: 6 JAN.2020 06:46:54

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



Date: 6 JAN.2020 06:47:33

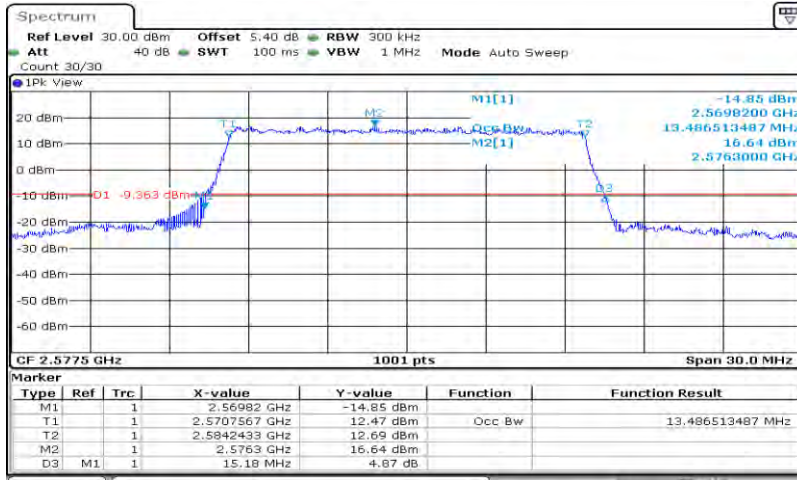
Band38-15MHz-QPSK-37825-75RB#0-13.487



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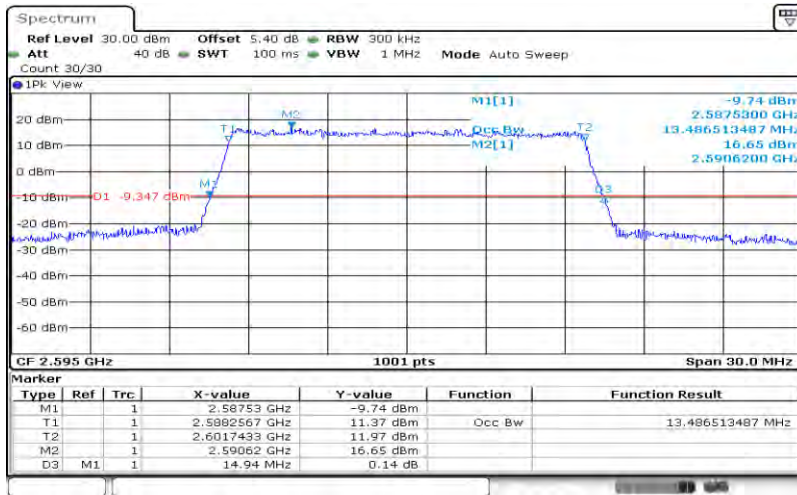
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Date: 6 JAN.2020 06:48:04

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

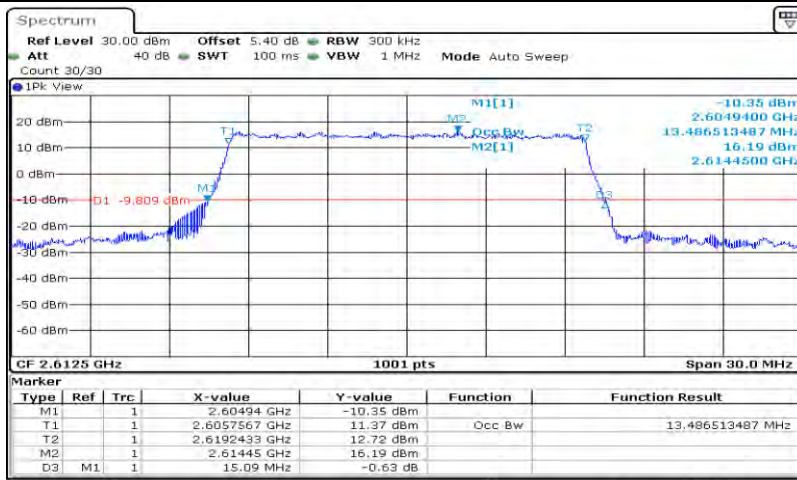


Date: 6 JAN.2020 06:48:42

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

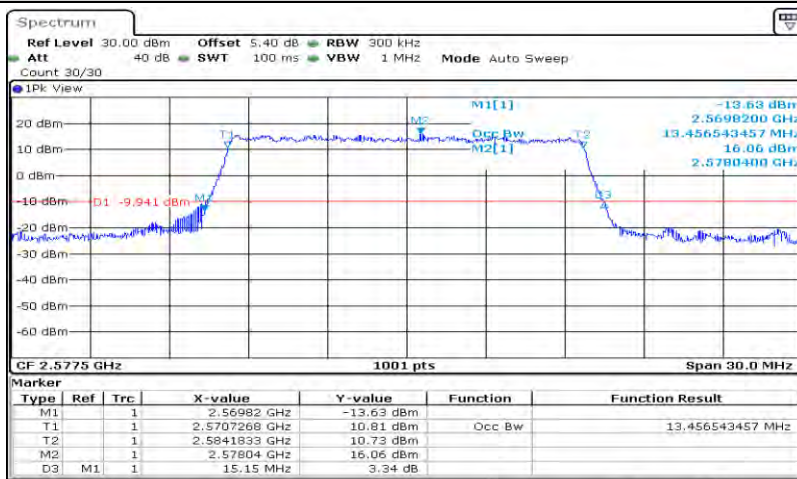


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Date: 6 JAN.2020 06:49:21

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

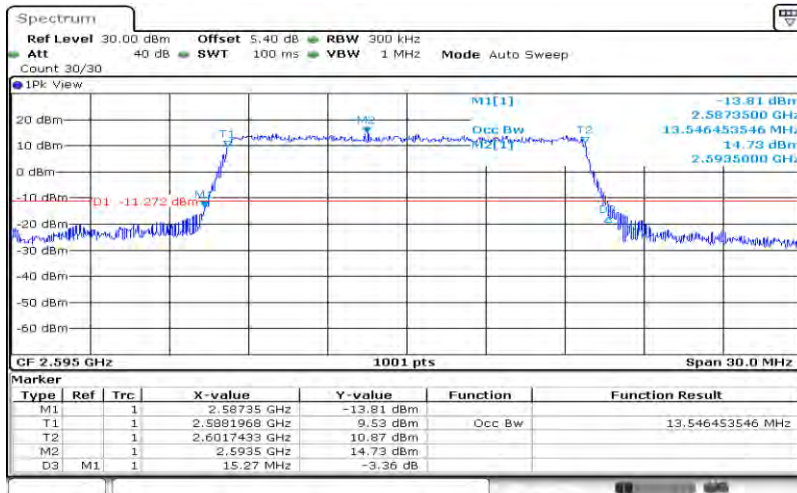


Date: 6 JAN.2020 06:48:29

Band38-15MHz-64QAM-38000-75RB#0-13.546

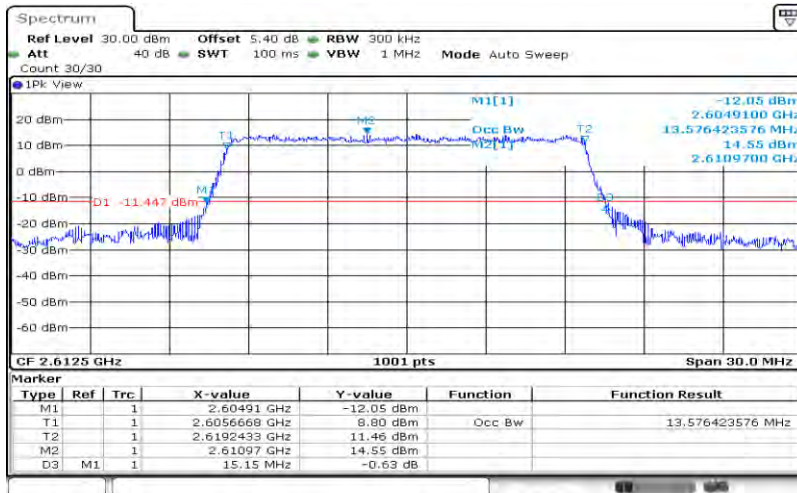


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Date: 6 JAN.2020 06:49:08

Band38-15MHz-64QAM-38175-75RB#0-13.576



Date: 6 JAN.2020 06:49:47

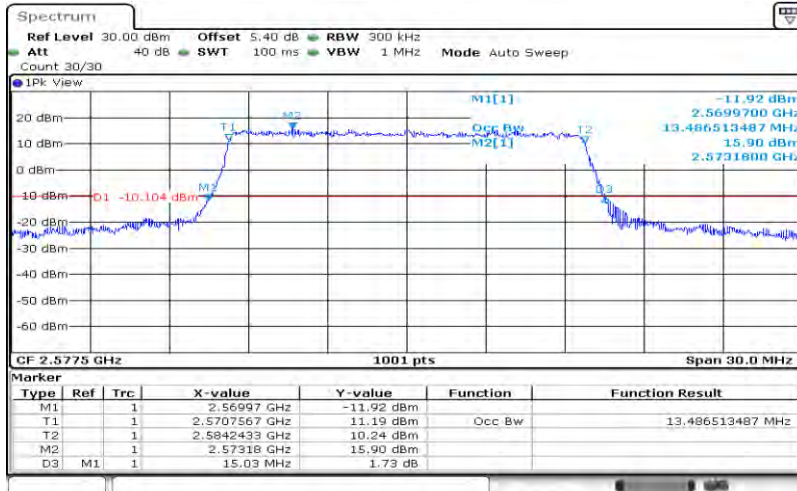
Band38-15MHz-16QAM-37825-75RB#0-13.487



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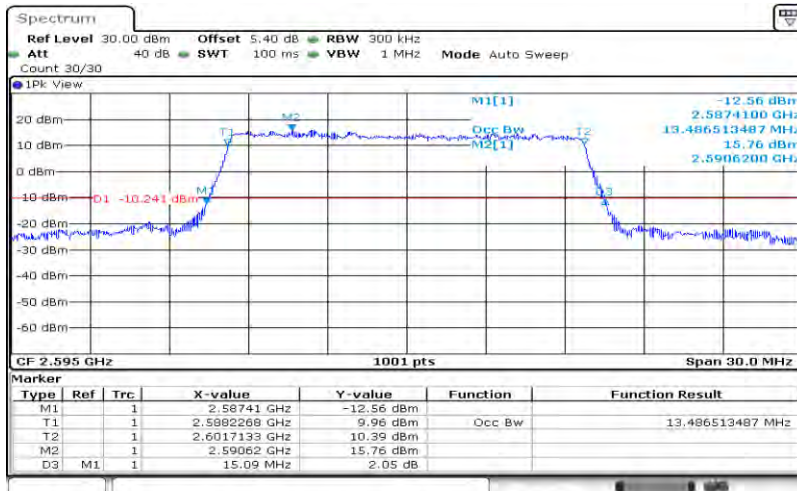
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Date: 6 JAN.2020 06:48:16

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



Date: 6 JAN.2020 06:48:55

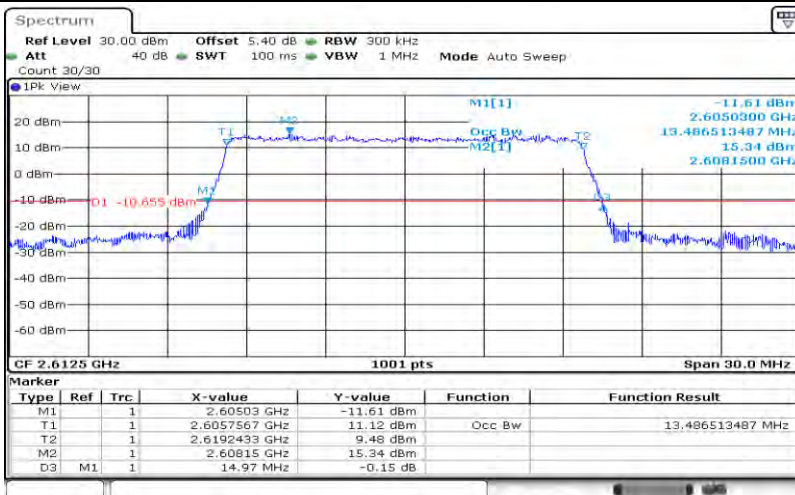
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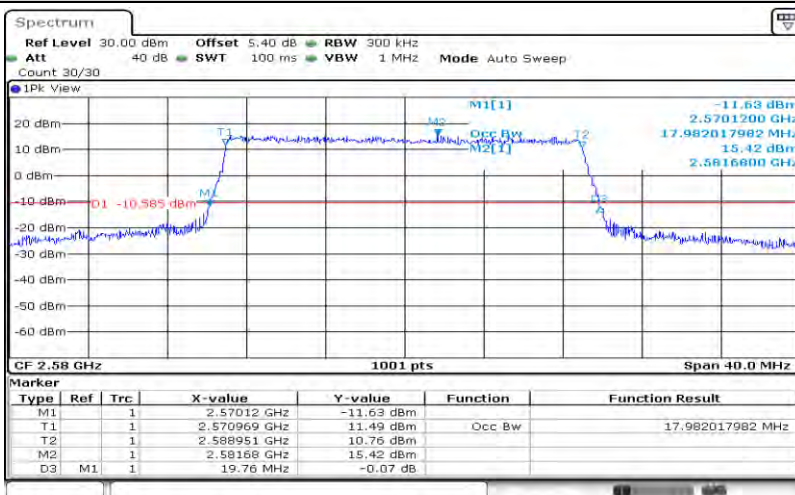
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Date: 6 JAN.2020 06:49:34

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

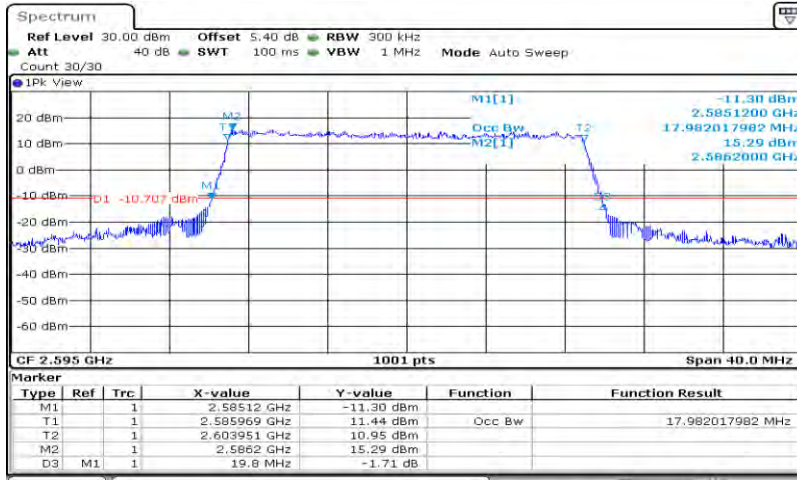


Date: 6 JAN.2020 06:50:05

Band38-20MHz-QPSK-38000-100RB#0-17.982

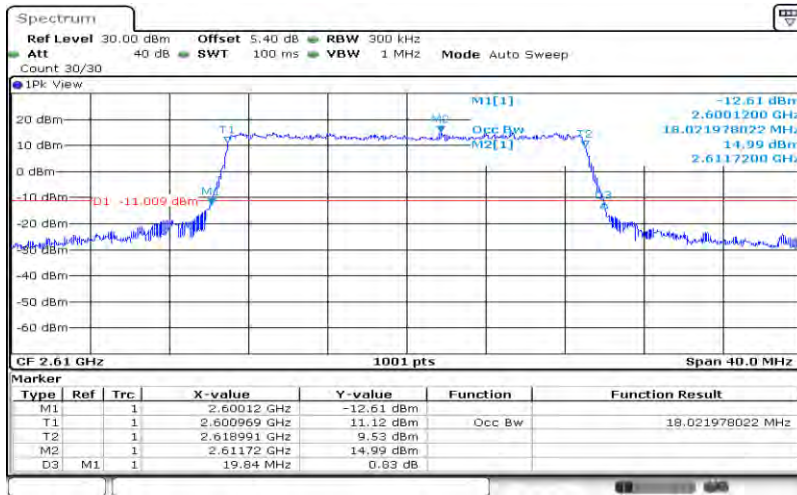


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Date: 6 JAN.2020 06:50:43

Band38-20MHz-QPSK-38150-100RB#0-18.022

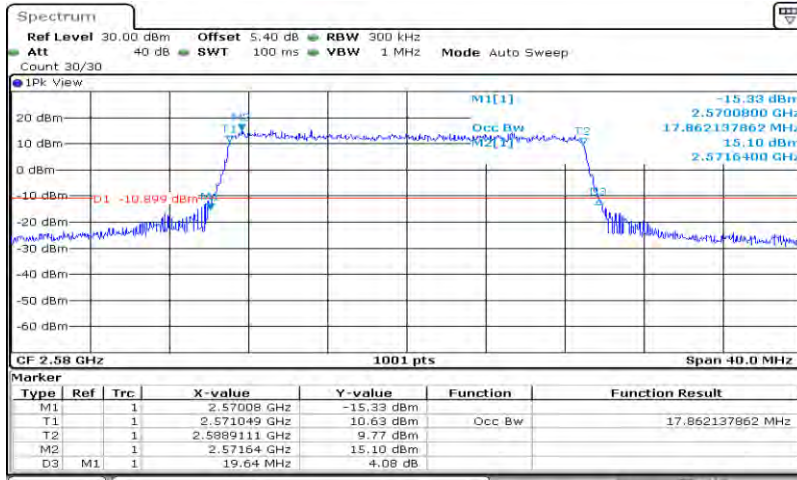


Date: 6 JAN.2020 06:51:22

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

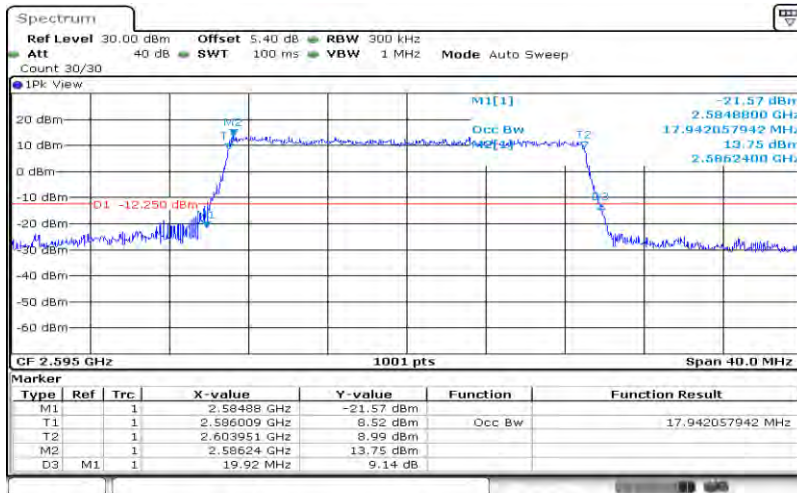


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Date: 6 JAN.2020 06:50:30

Band38-20MHz-64QAM-38000-100RB#0-17.942

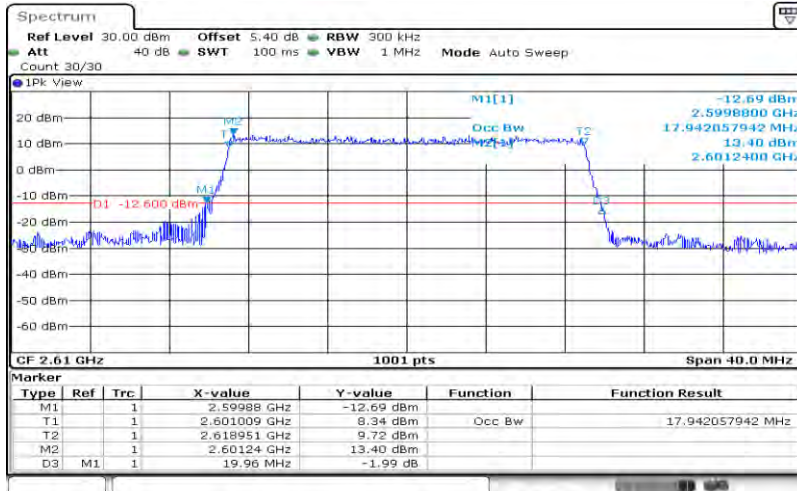


Date: 6 JAN.2020 06:51:09

Band38-20MHz-64QAM-38150-100RB#0-17.942

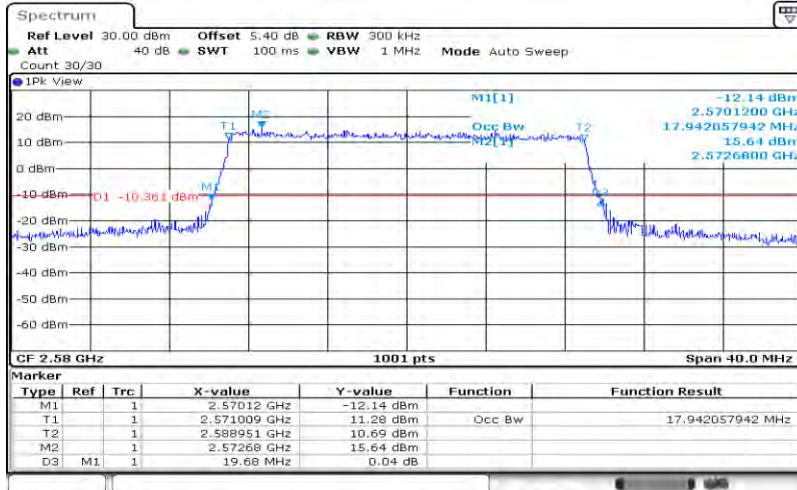


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Date: 6 JAN.2020 06:51:46

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

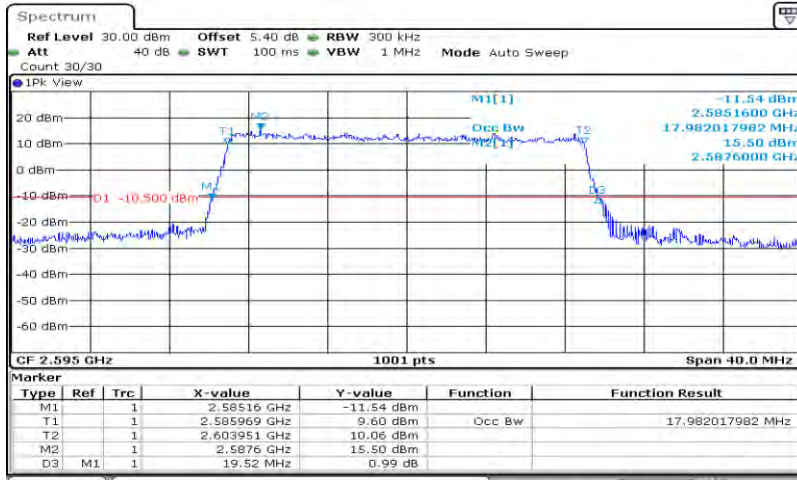


Date: 6 JAN.2020 06:50:17

Band38-20MHz-16QAM-38000-100RB#0-17.982

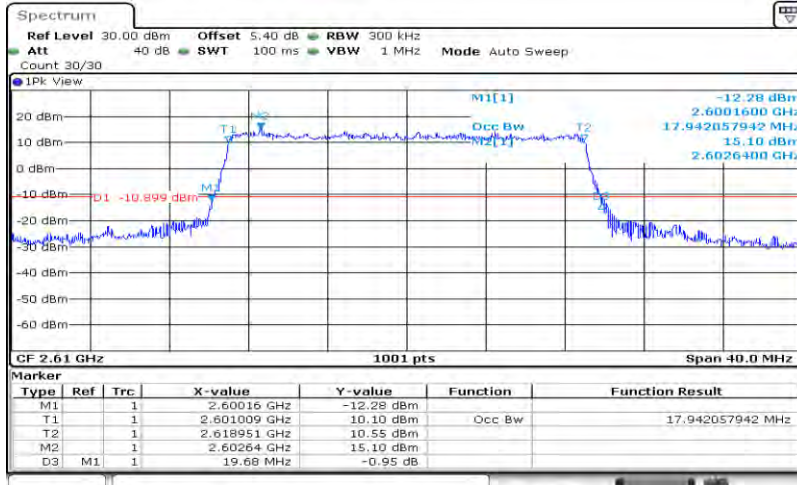


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Date: 6 JAN. 2020 06:50:56

Band38-20MHz-16QAM-38150-100RB#0-17.942



Date: 6 JAN. 2020 06:51:35

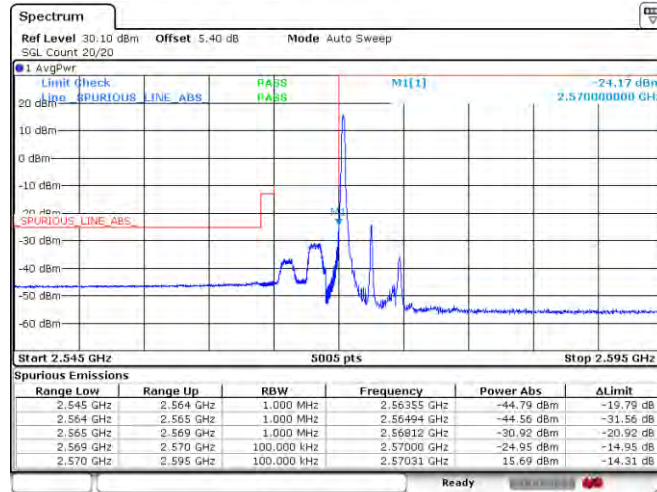


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5. Band Edge Compliance

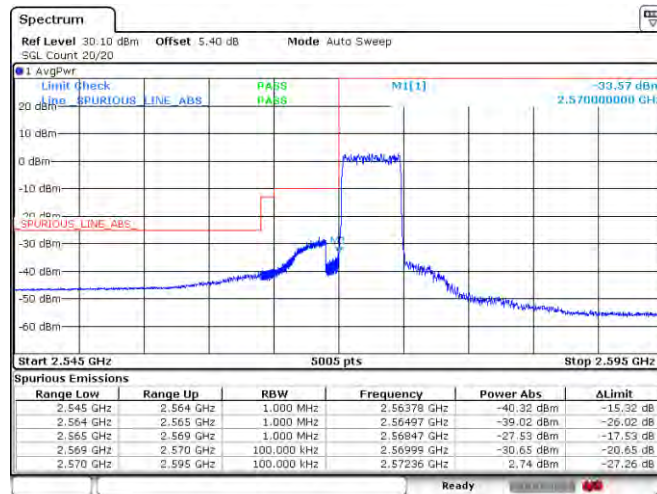
5.1. Test Plots

Band38_5MHz_QPSK_37775_1RB#0



Date: 25 DEC.2019 06:10:24

Band38_5MHz_QPSK_37775_25RB#0

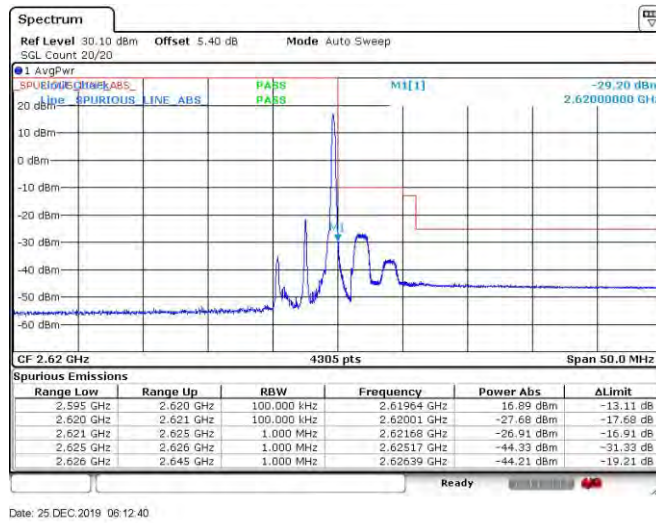


Date: 25 DEC.2019 06:11:12

Band38_5MHz_QPSK_38225_1RB#24

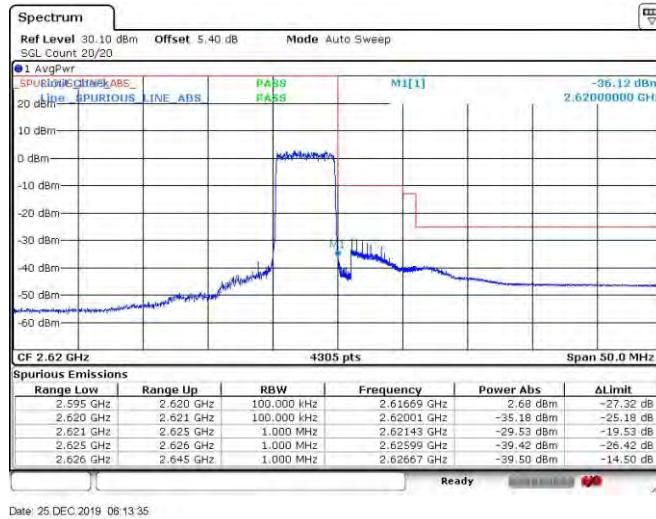


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Date: 25 DEC. 2019 06:12:40

Band38_5MHz_QPSK_38225_25RB#0

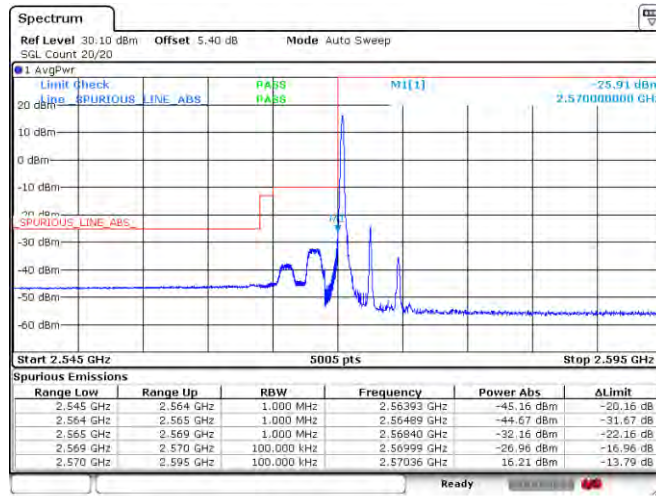


Date: 25 DEC. 2019 06:13:35

Band38_5MHz_64QAM_37775_1RB#0

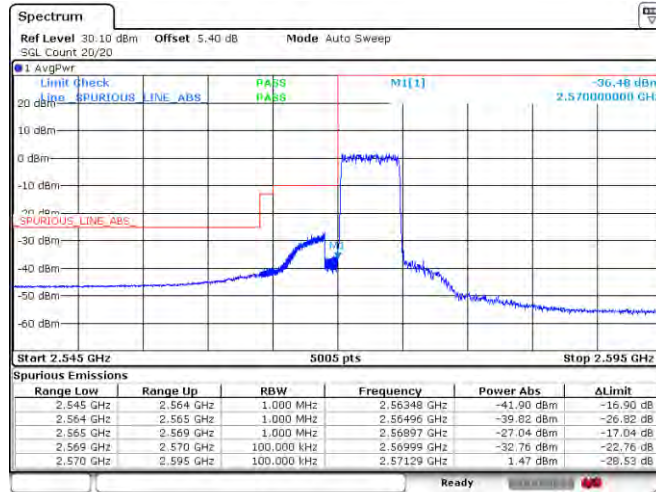


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Date: 25 DEC.2019 08:10:55

Band38_5MHz_64QAM_3775_25RB#0

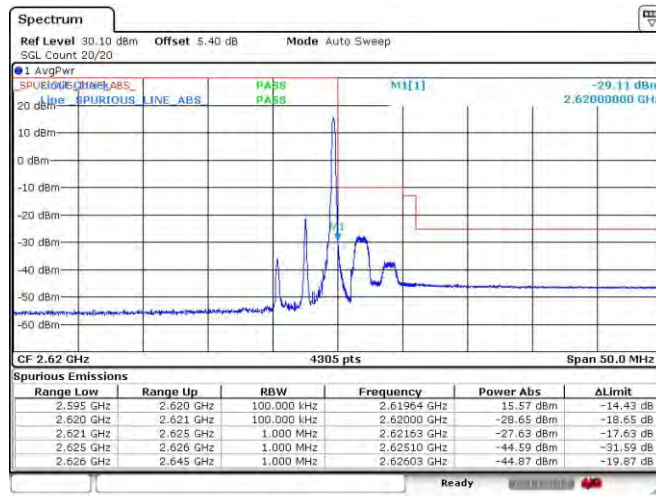


Date: 25 DEC.2019 08:11:35

Band38_5MHz_64QAM_38225_1RB#24

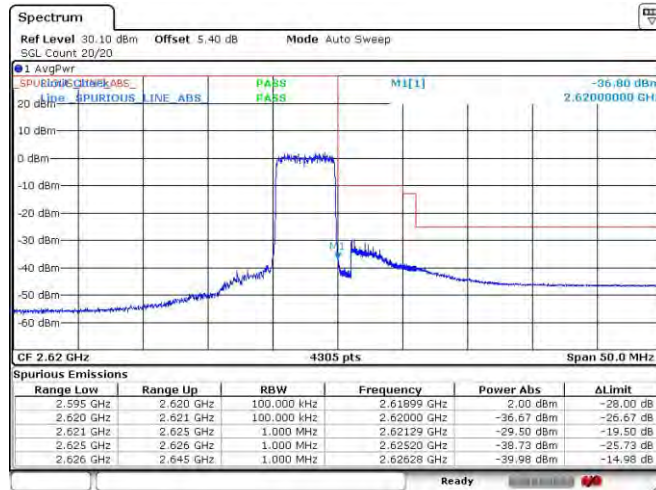


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Date: 25 DEC. 2019 06:13:09

Band38_5MHz_64QAM_38225_25RB#0

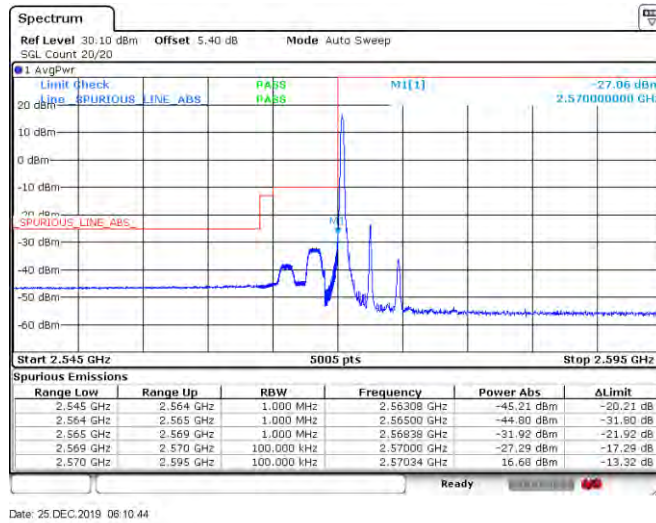


Date: 25 DEC. 2019 06:14:11

Band38_5MHz_16QAM_37775_1RB#0

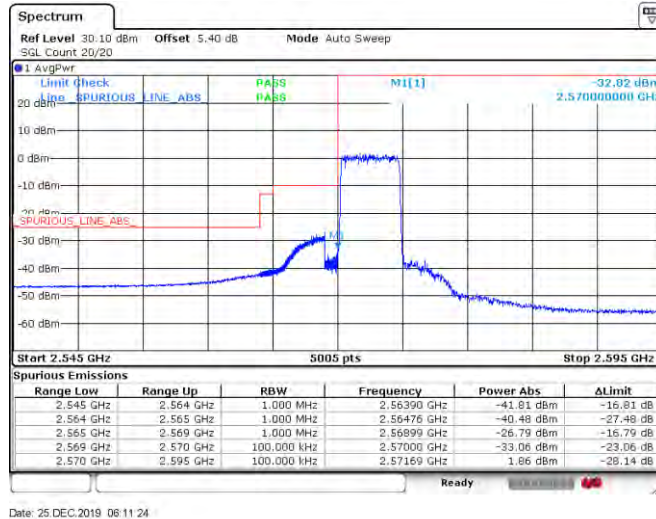


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Date: 25 DEC.2019 08:10:44

Band38_5MHz_16QAM_3775_25RB#0

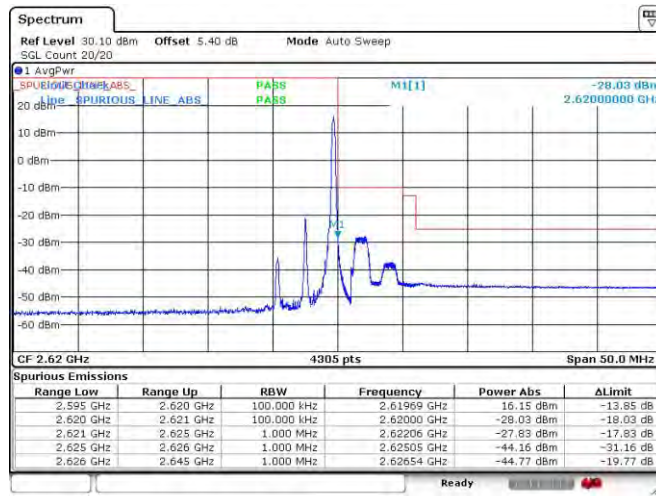


Date: 25 DEC.2019 08:11:24

Band38_5MHz_16QAM_38225_1RB#24

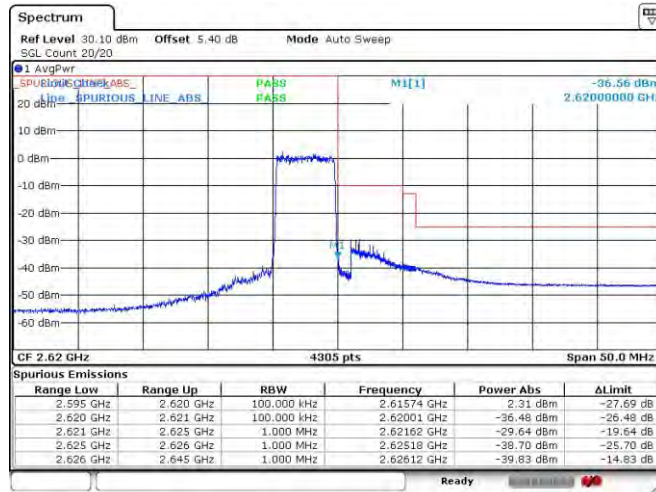


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Date: 25 DEC.2019 06:12:57

Band38_5MHz_16QAM_38225_25RB#0

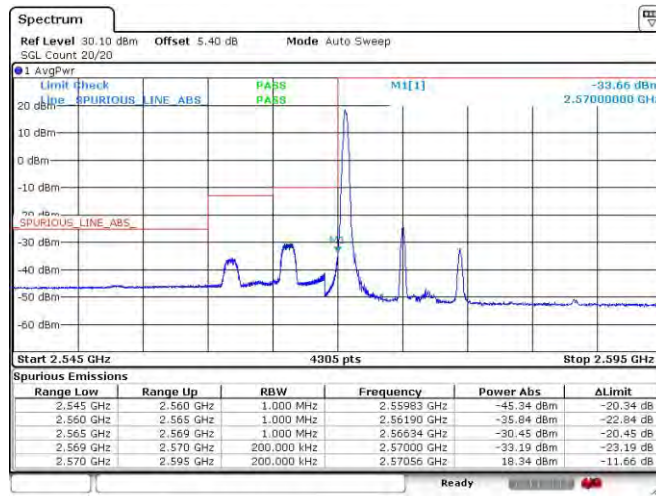


Date: 25 DEC.2019 06:13:58

Band38_10MHz_QPSK_37800_1RB#0

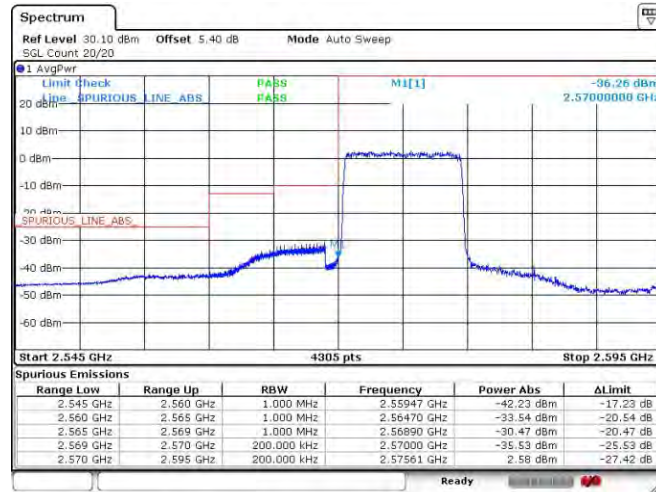


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Date: 25 DEC. 2019 06:27:55

Band38_10MHz_QPSK_37800_50RB#0

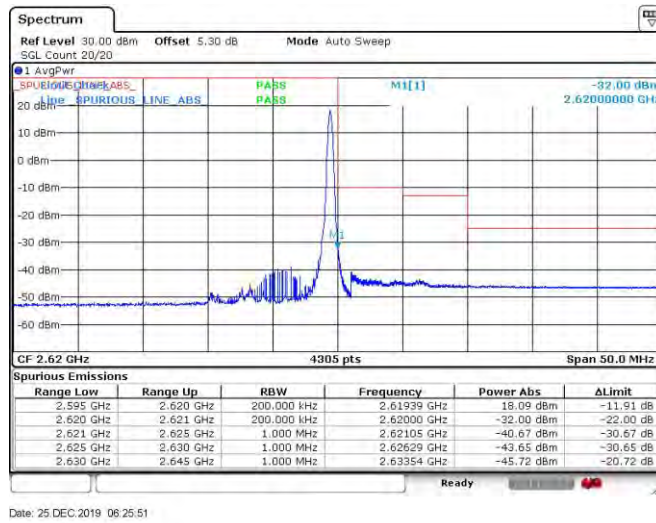


Date: 25 DEC. 2019 06:28:43

Band38_10MHz_QPSK_38200_1RB#49

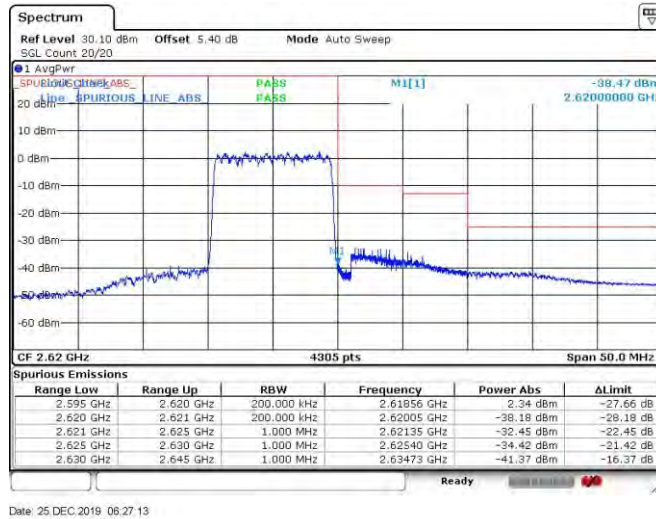


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Date: 25 DEC. 2019 08:25:51

Band38_10MHz_QPSK_38200_50RB#0

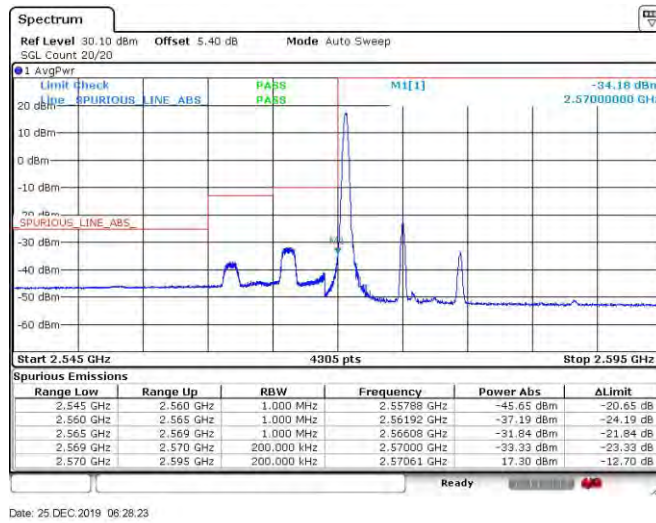


Date: 25 DEC. 2019 08:27:13

Band38_10MHz_64QAM_37800_1RB#0

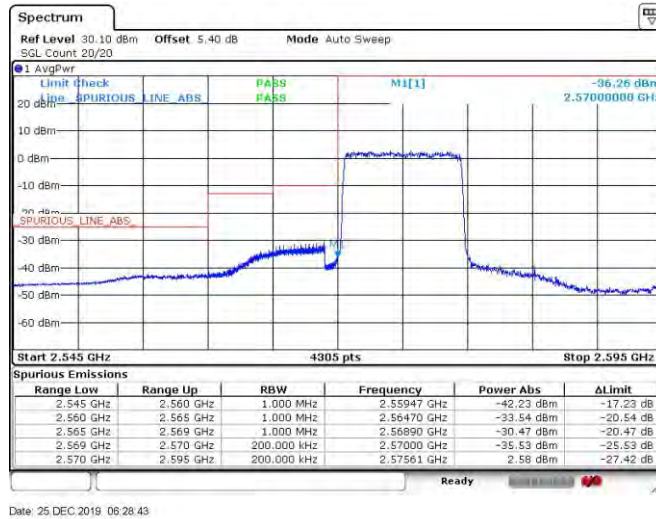


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Date: 25 DEC. 2019 08:28:23

Band38_10MHz_64QAM_37800_50RB#0

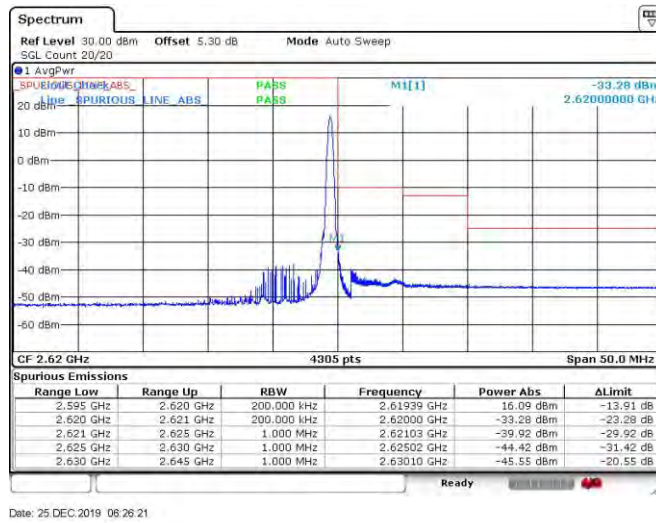


Date: 25 DEC. 2019 08:28:43

Band38_10MHz_64QAM_38200_1RB#49

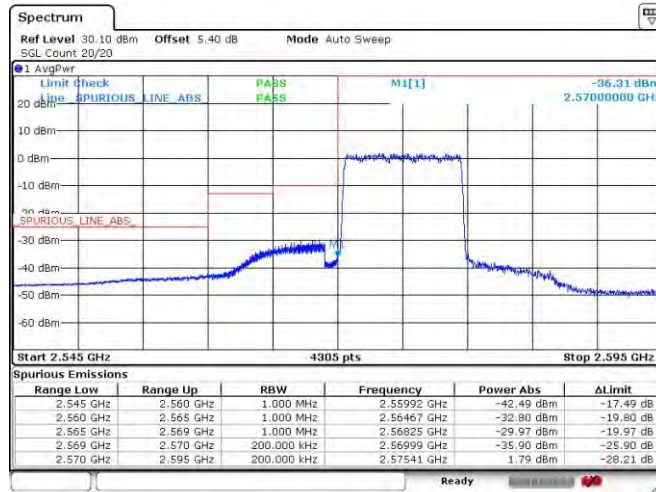


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Date: 25 DEC 2019 08:26:21

Band38_10MHz_64QAM_38200_50RB#0

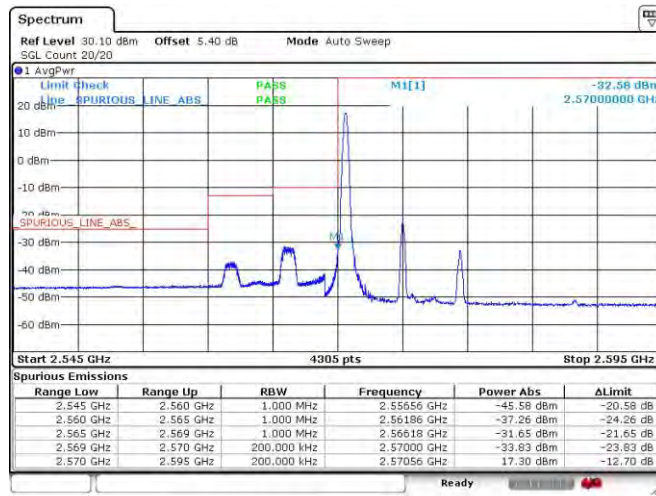


Date: 25 DEC 2019 08:29:08

Band38_10MHz_16QAM_37800_1RB#0

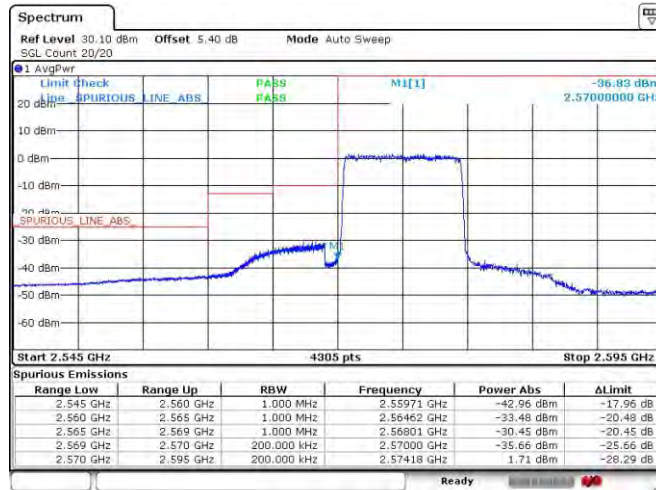


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Date: 25 DEC. 2019 08:28:13

Band38_10MHz_16QAM_37800_50RB#0

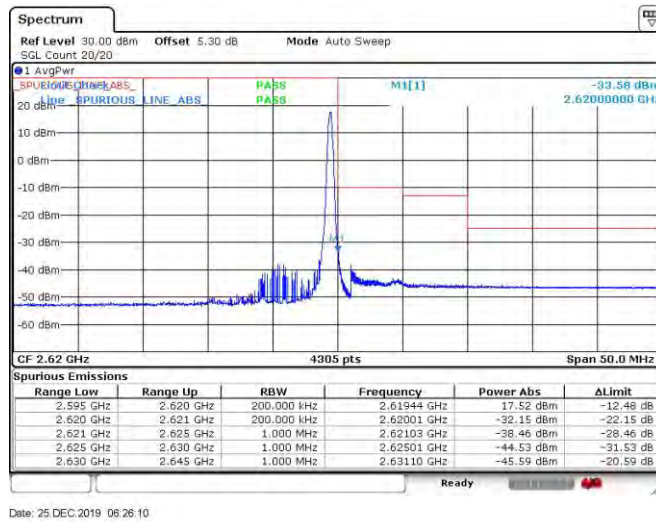


Date: 25 DEC. 2019 08:28:58

Band38_10MHz_16QAM_38200_1RB#49

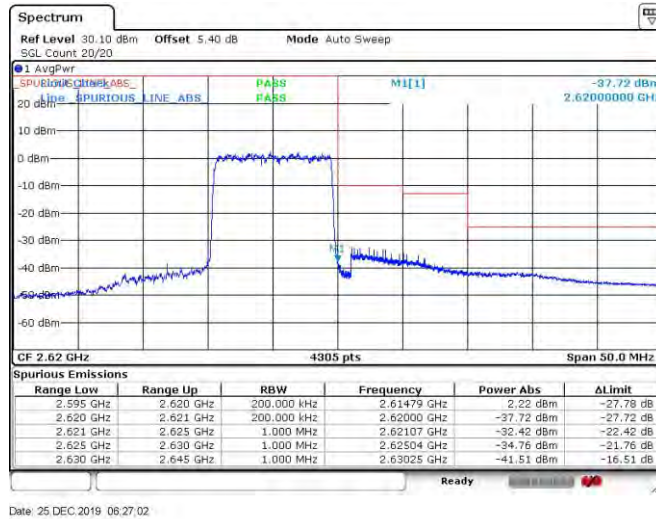


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Date: 25 DEC. 2019 08:26:10

Band38_10MHz_16QAM_38200_50RB#0

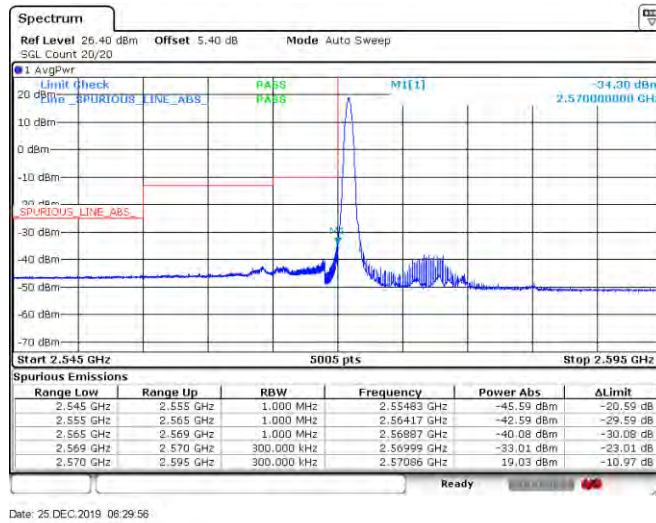


Date: 25 DEC. 2019 08:27:02

Band38_15MHz_QPSK_37825_1RB#0

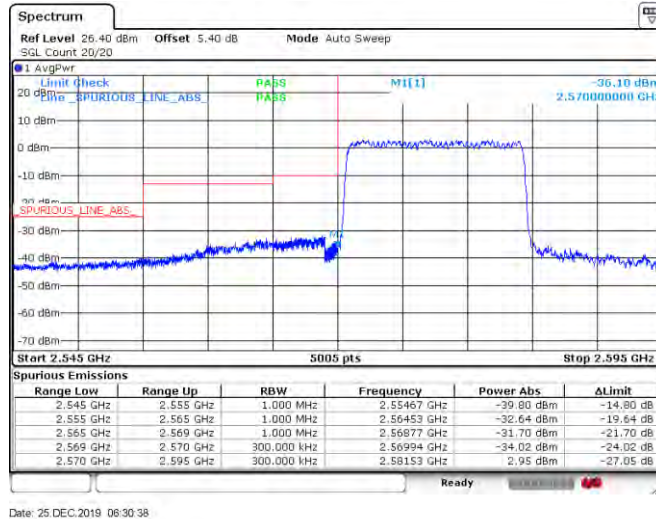


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Date: 25 DEC.2019 08:29:56

Band38_15MHz_QPSK_37825_75RB#0

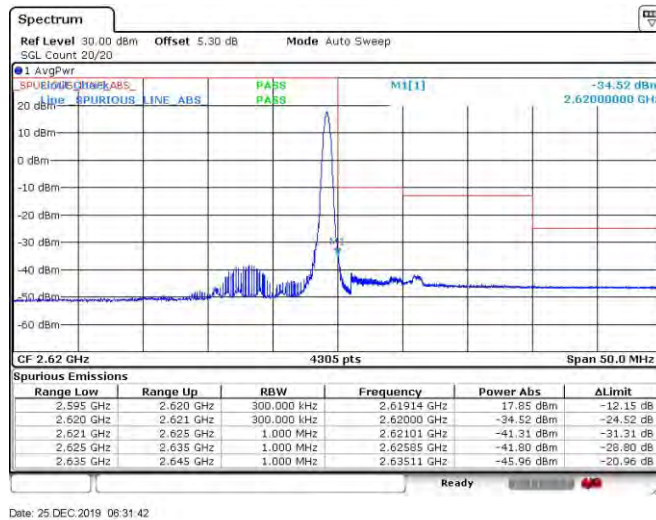


Date: 25 DEC.2019 08:30:38

Band38_15MHz_QPSK_38175_1RB#74

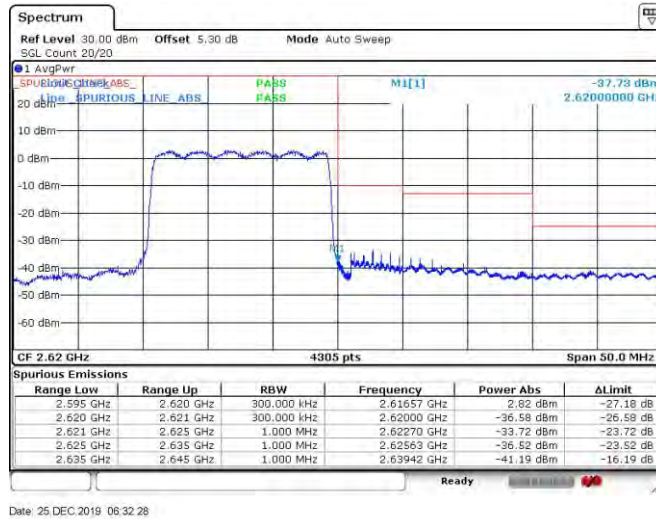


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Date: 25 DEC. 2019 08:31:42

Band38_15MHz_QPSK_38175_75RB#0

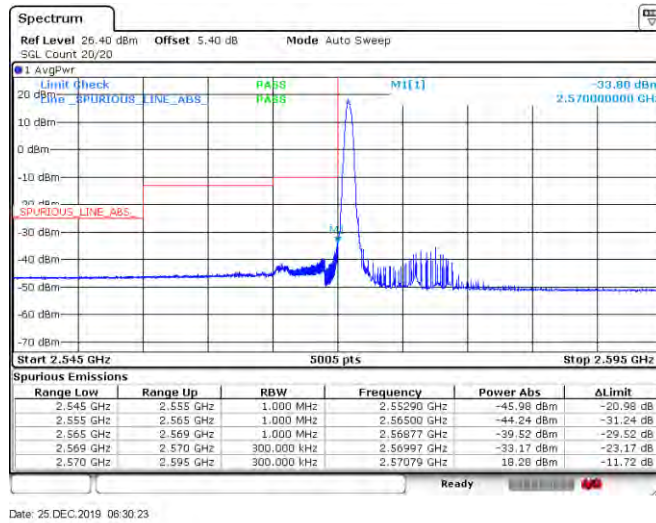


Date: 25 DEC. 2019 08:32:28

Band38_15MHz_64QAM_37825_1RB#0

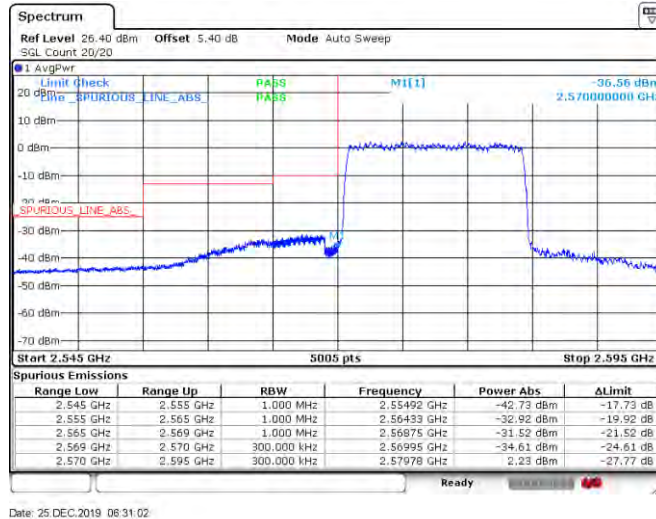


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Date: 25 DEC.2019 08:30:23

Band38_15MHz_64QAM_37825_75RB#0

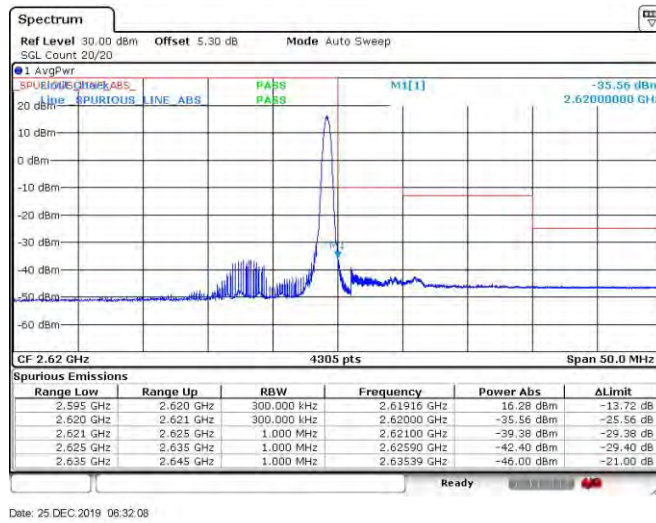


Date: 25 DEC.2019 08:31:02

Band38_15MHz_64QAM_38175_1RB#74

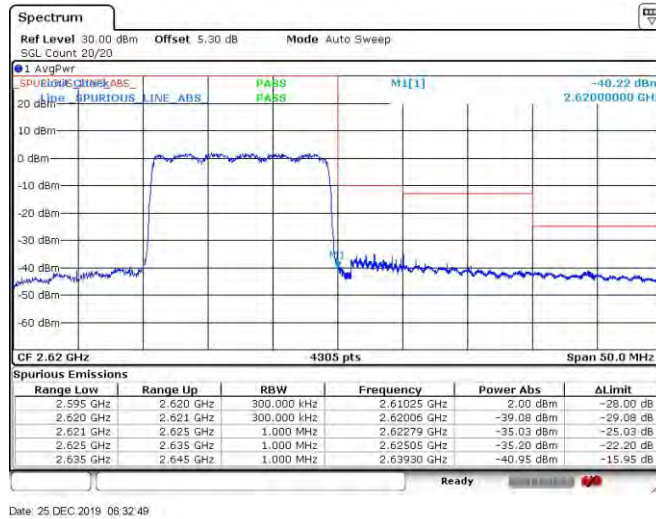


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Date: 25 DEC 2019 08:32:08

Band38_15MHz_64QAM_38175_75RB#0

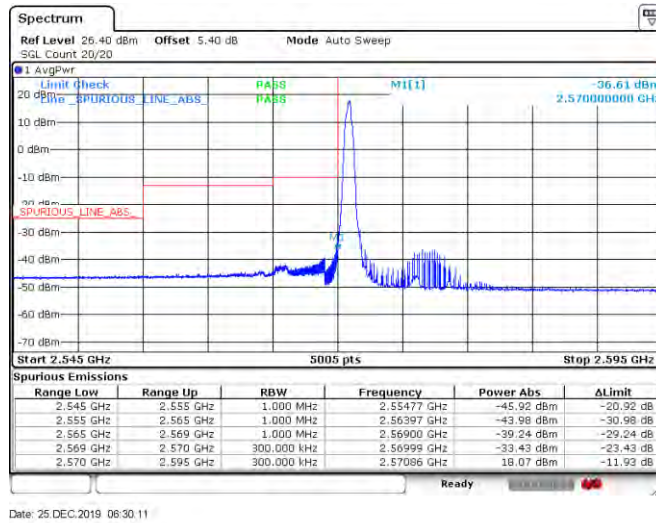


Date: 25 DEC 2019 08:32:49

Band38_15MHz_16QAM_37825_1RB#0

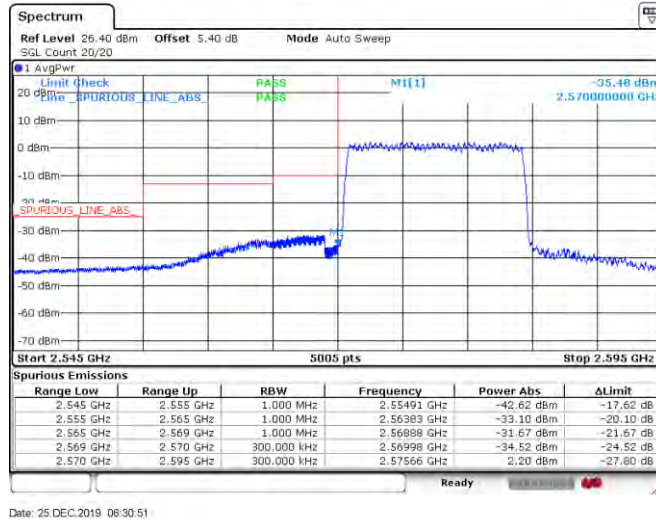


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Date: 25 DEC.2019 08:30:11

Band38_15MHz_16QAM_37825_75RB#0

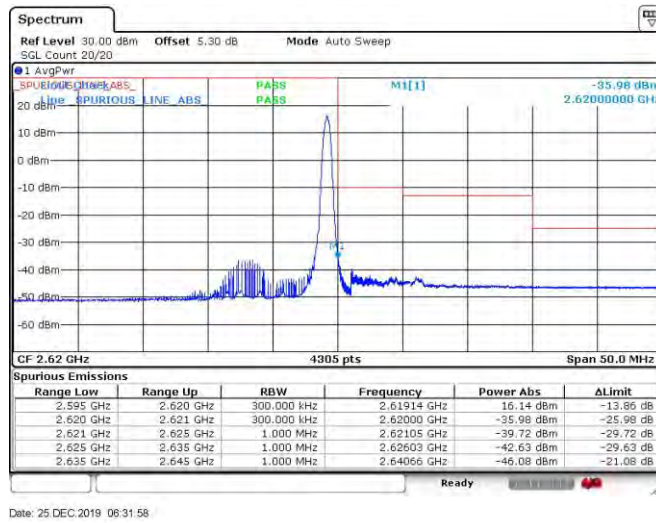


Date: 25 DEC.2019 08:30:51

Band38_15MHz_16QAM_38175_1RB#74

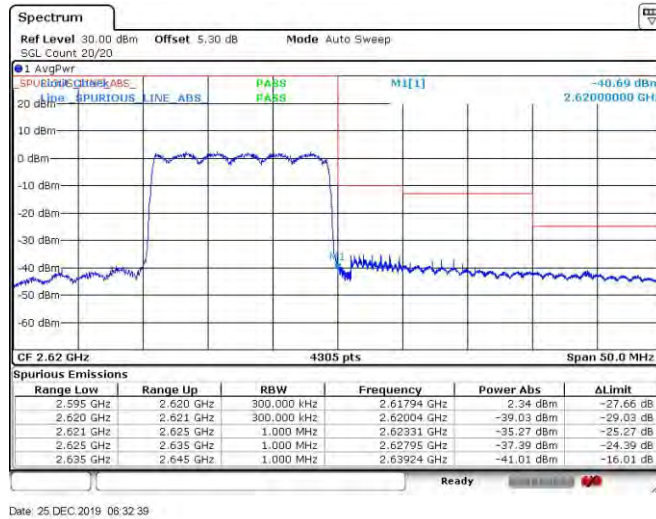


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Date: 25 DEC. 2019 08:31:58

Band38_15MHz_16QAM_38175_75RB#0

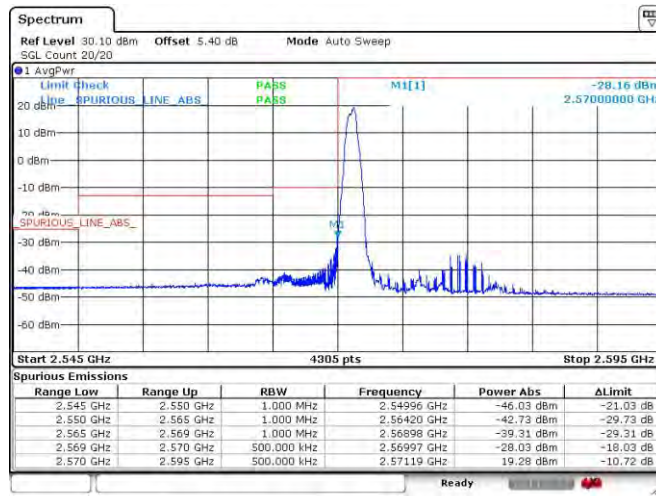


Date: 25 DEC 2019 08:32:39

Band38_20MHz_QPSK_37850_1RB#0

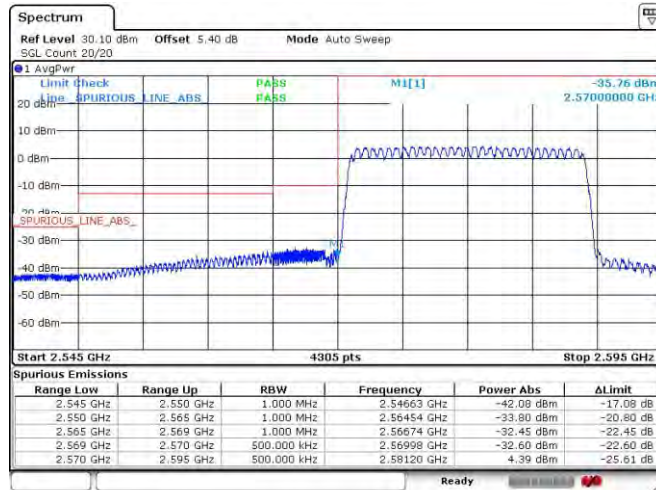


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Date: 25 DEC. 2019 08:37:02

Band38_20MHz_QPSK_37850_100RB#0

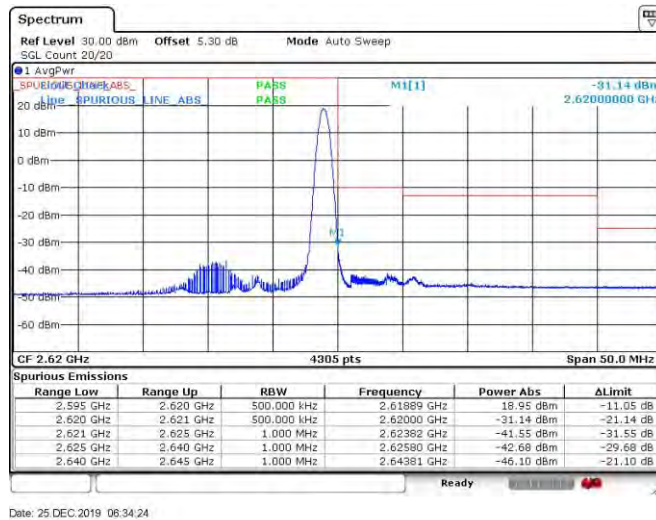


Date: 25 DEC 2019 08:37:44

Band38_20MHz_QPSK_38150_1RB#99

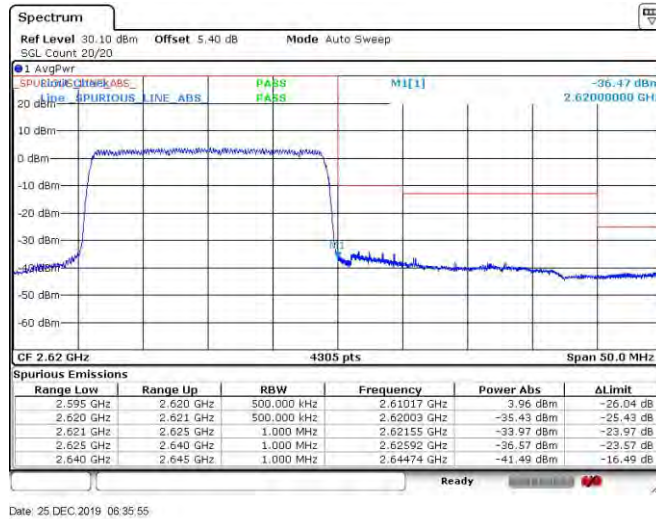


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Date: 25 DEC. 2019 08:34:24

Band38_20MHz_QPSK_38150_100RB#0

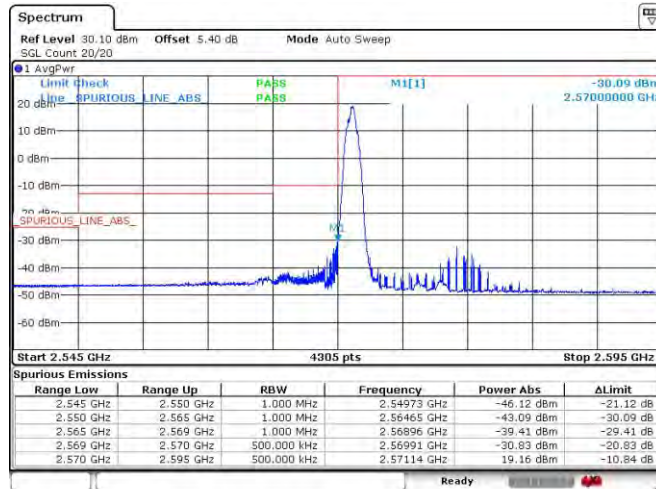


Date: 25 DEC. 2019 08:35:55

Band38_20MHz_64QAM_37850_1RB#0

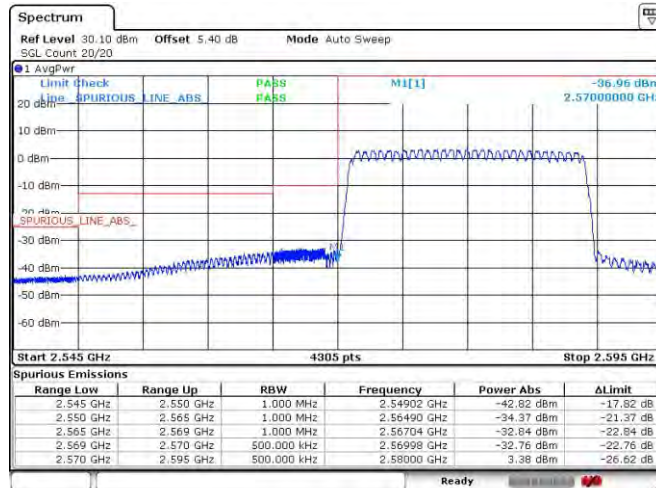


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Date: 25 DEC. 2019 08:37:27

Band38_20MHz_64QAM_37850_100RB#0

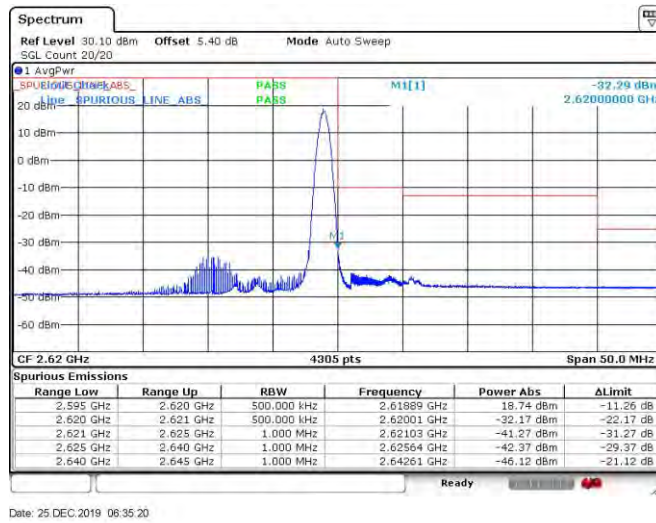


Date: 25 DEC. 2019 08:38:08

Band38_20MHz_64QAM_38150_1RB#99

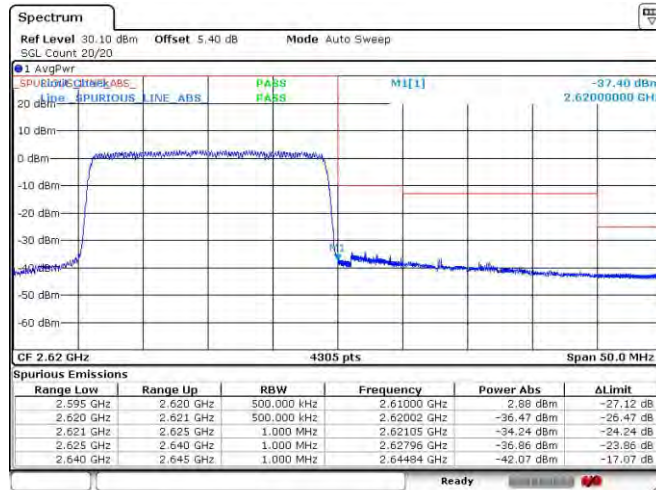


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Date: 25 DEC. 2019 08:35:20

Band38_20MHz_64QAM_38150_100RB#0

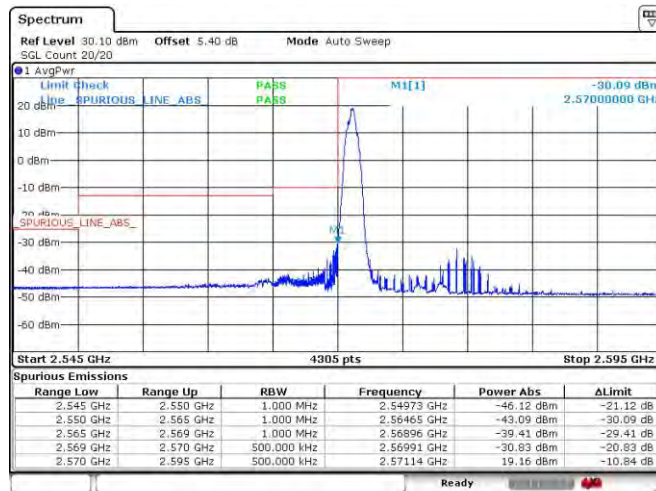


Date: 25 DEC. 2019 08:36:19

Band38_20MHz_16QAM_37850_1RB#0

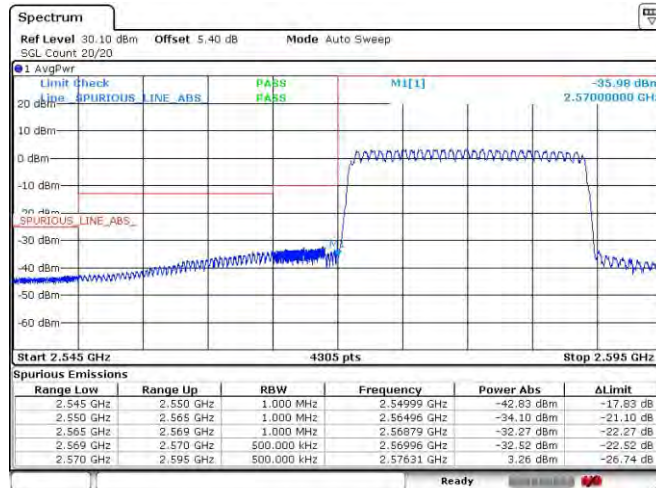


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Date: 25 DEC 2019 08:37:27

Band38_20MHz_16QAM_37850_100RB#0

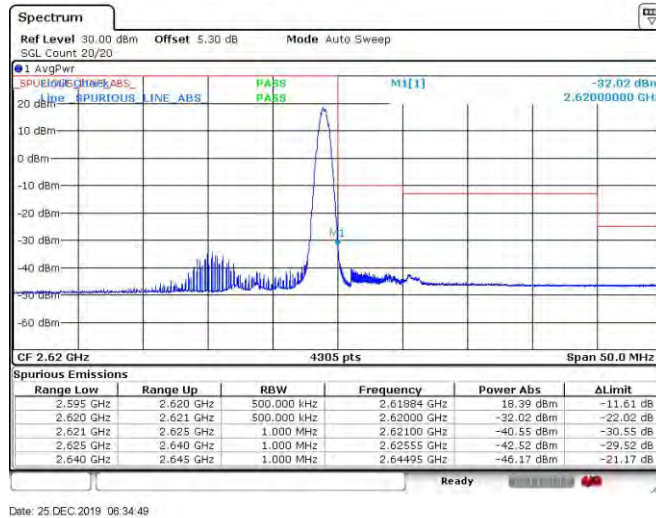


Date: 25 DEC 2019 08:37:58

Band38_20MHz_16QAM_38150_1RB#99

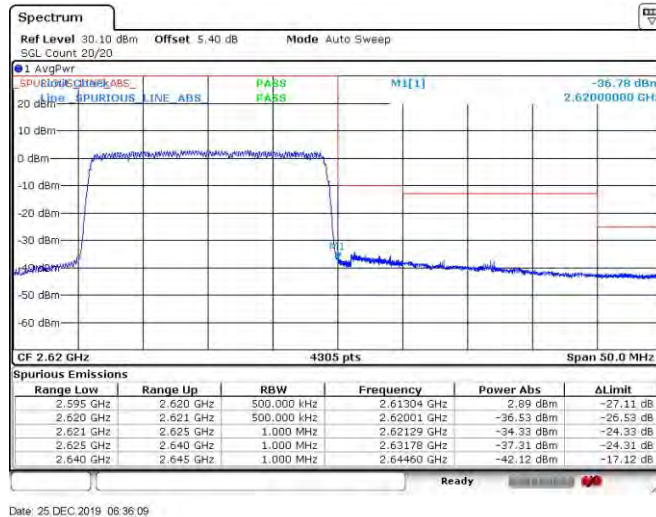


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Date: 25 DEC. 2019 08:34:49

Band38_20MHz_16QAM_38150_100RB#0



Date: 25 DEC. 2019 08:36:09



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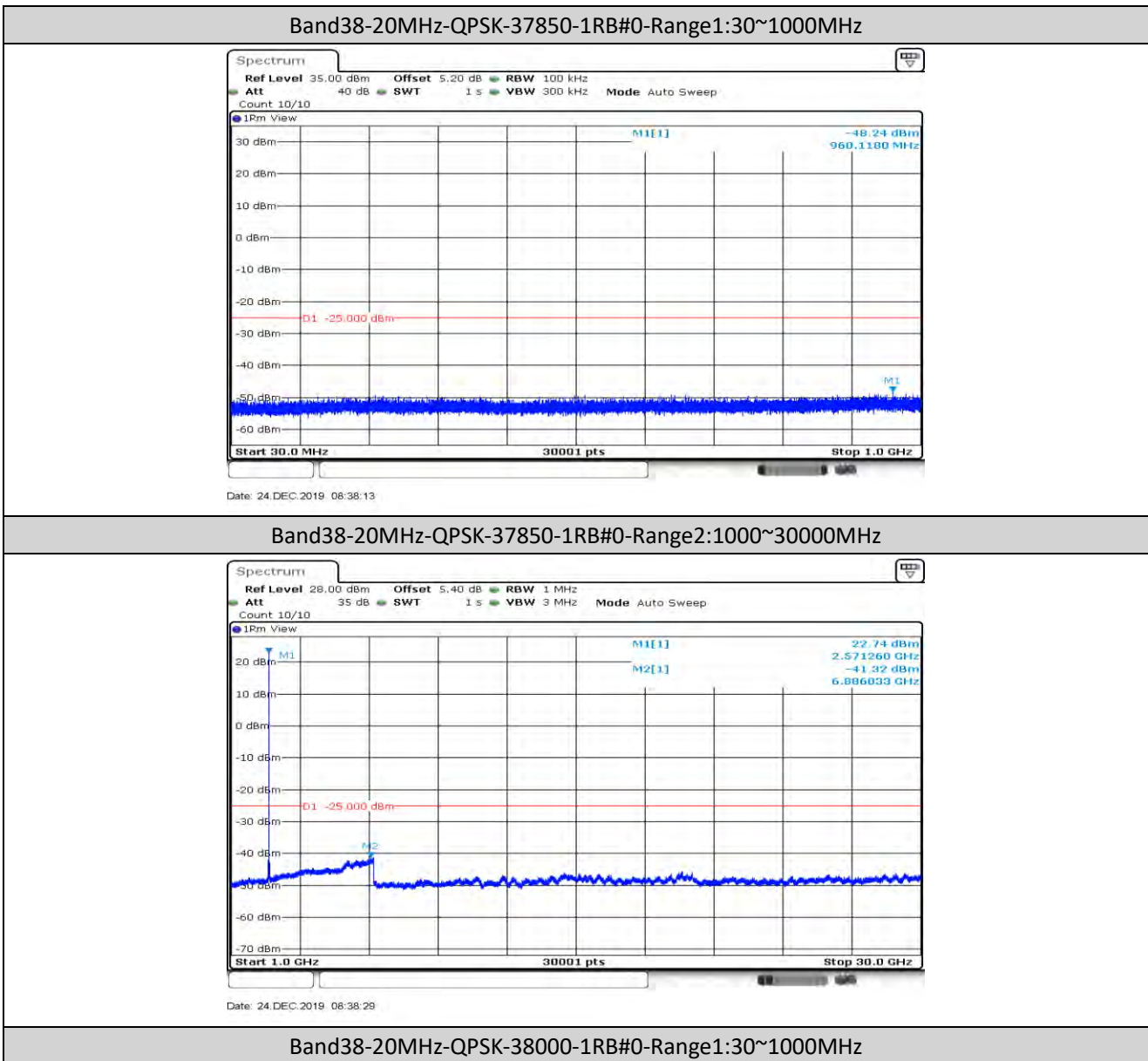


6. Spurious Emission at Antenna Terminal

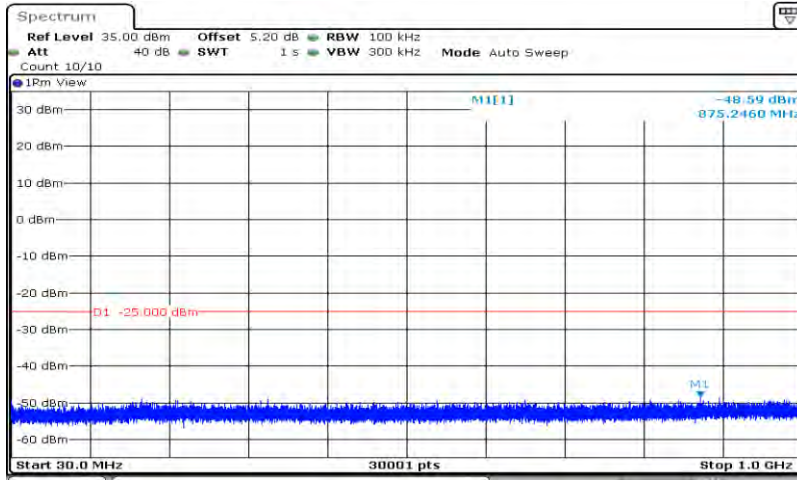
Remark1: For the averaged unwanted emissions measurements, the measurement points in each sweep is greater than twice the Span/RBW in order to ensure bin-to-bin spacing of $< RBW/2$ so that narrowband signals are not lost between frequency bins. As to the present test item, the "Measurement Points =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

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

6.1. Test Plots

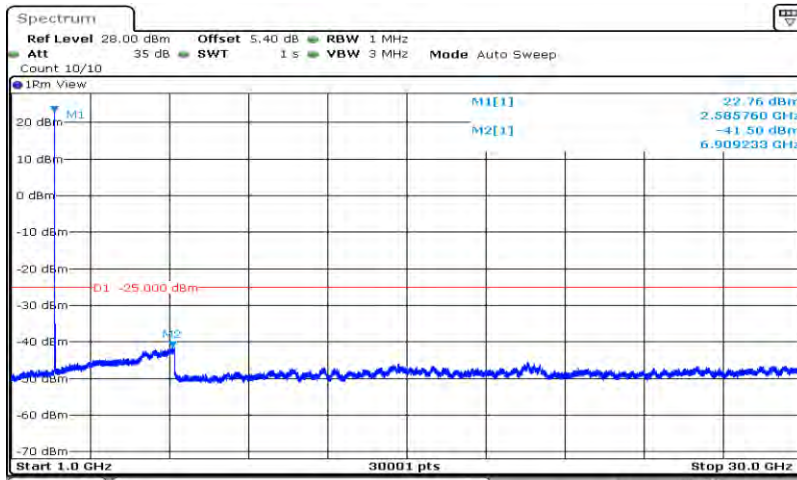


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Date: 24.DEC.2019 08:39:21

Band38-20MHz-QPSK-38000-1RB#0-Range2:100~30000MHz

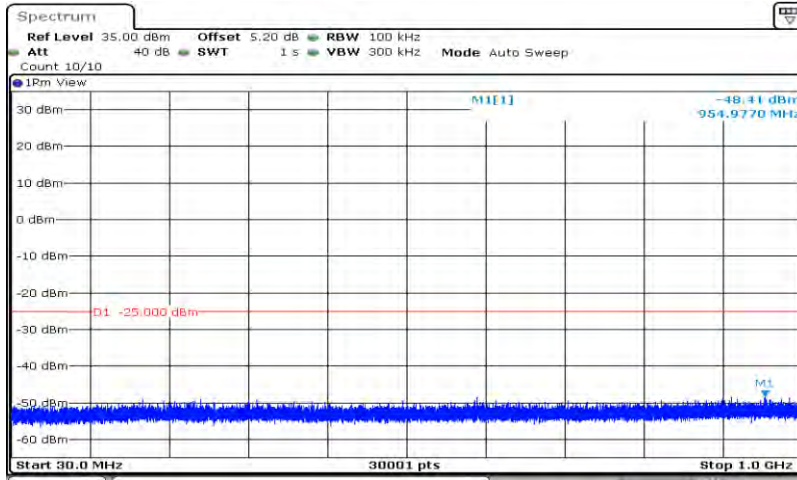


Date: 24.DEC.2019 08:39:37

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

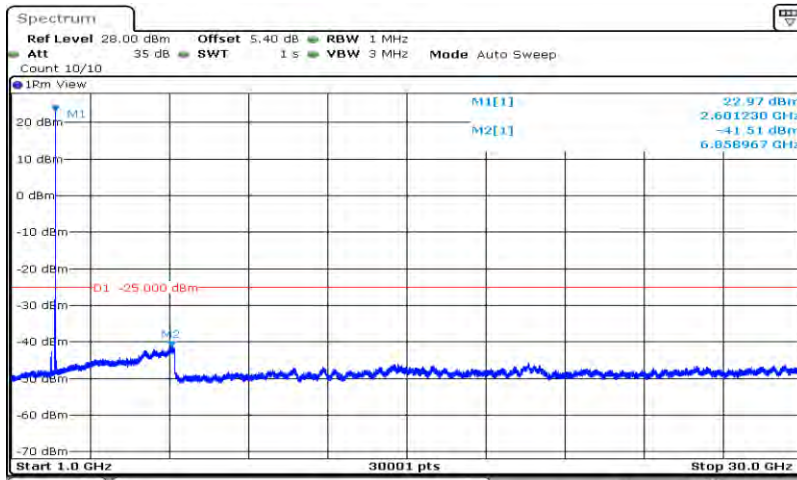


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Date: 24.DEC.2019 08:40:29

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

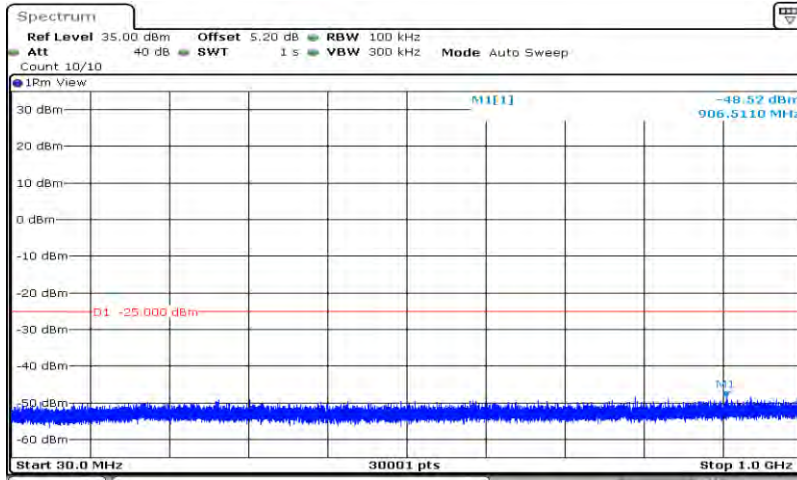


Date: 24.DEC.2019 08:40:45

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

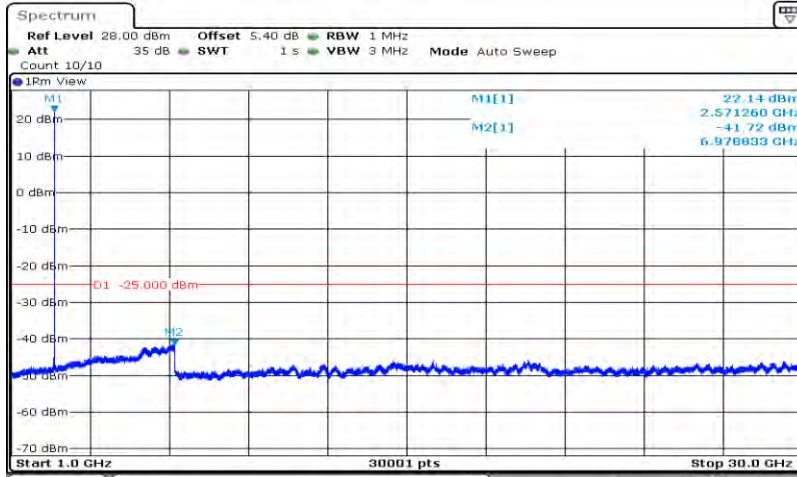


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Date: 24.DEC.2019 09:35:25

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

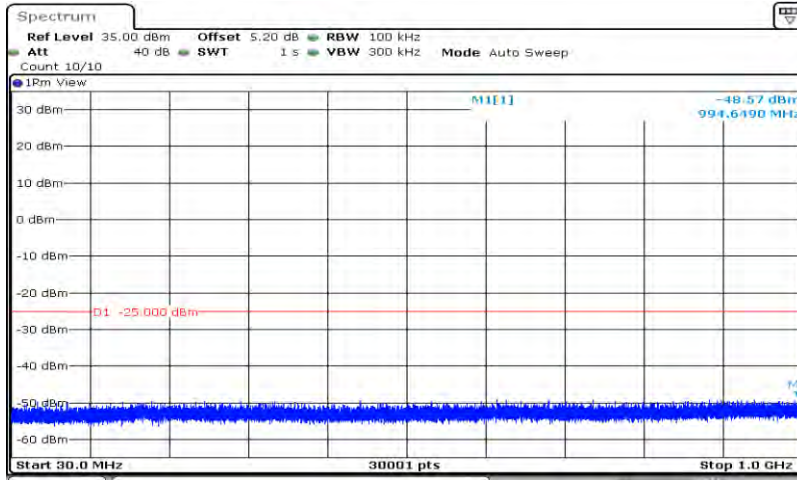


Date: 24.DEC.2019 09:35:41

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

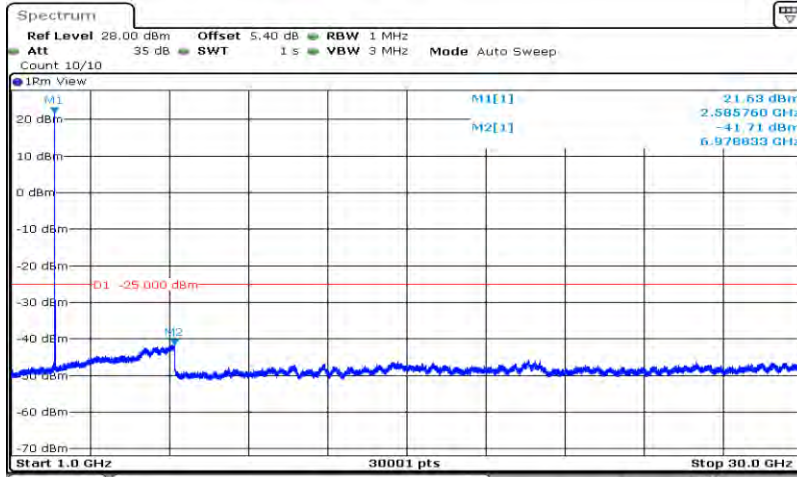


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Date: 24.DEC.2019 09:38:01

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

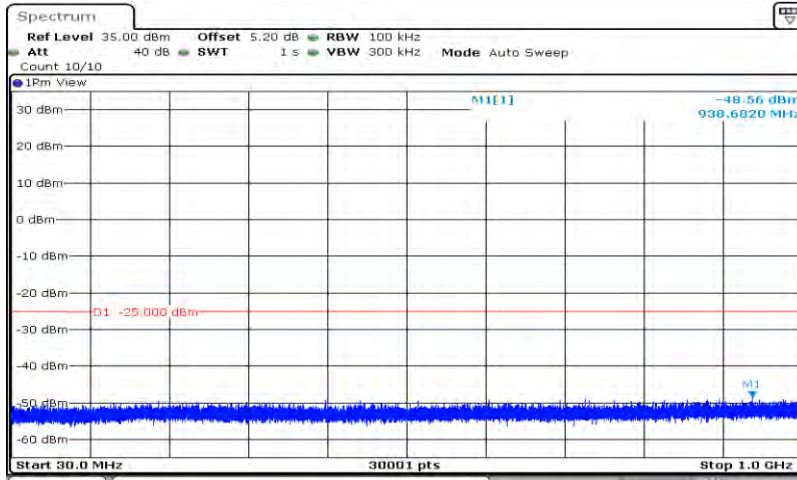


Date: 24.DEC.2019 09:38:17

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

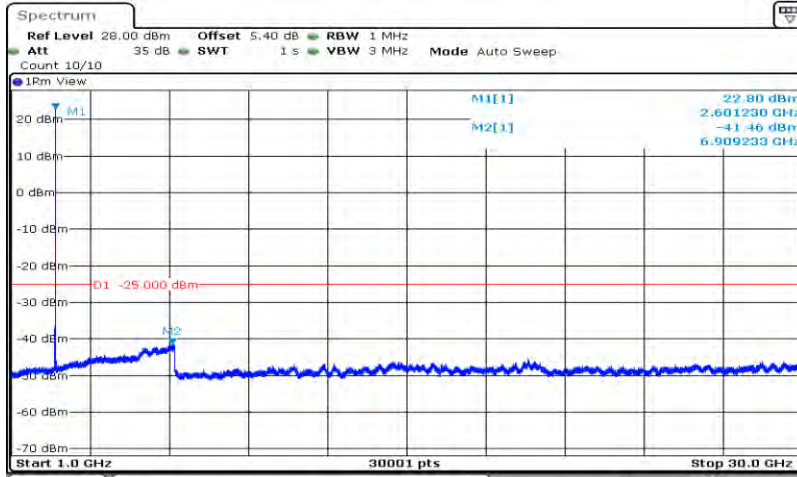


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Date: 24.DEC.2019 09:38:37

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

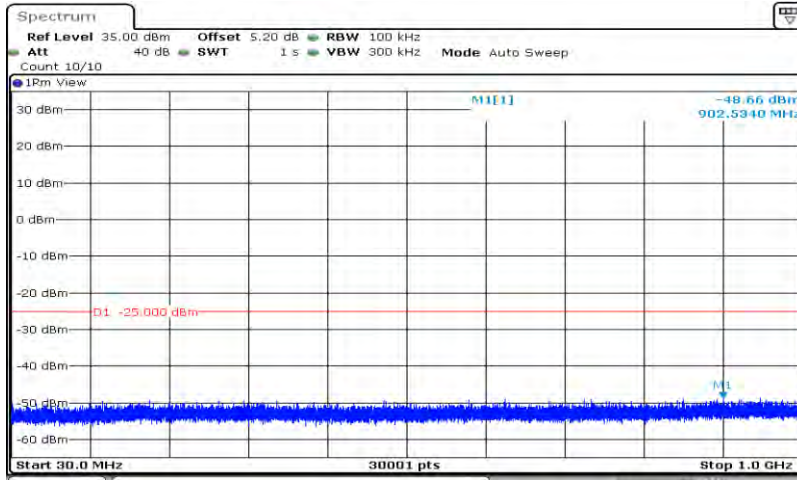


Date: 24.DEC.2019 09:38:53

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

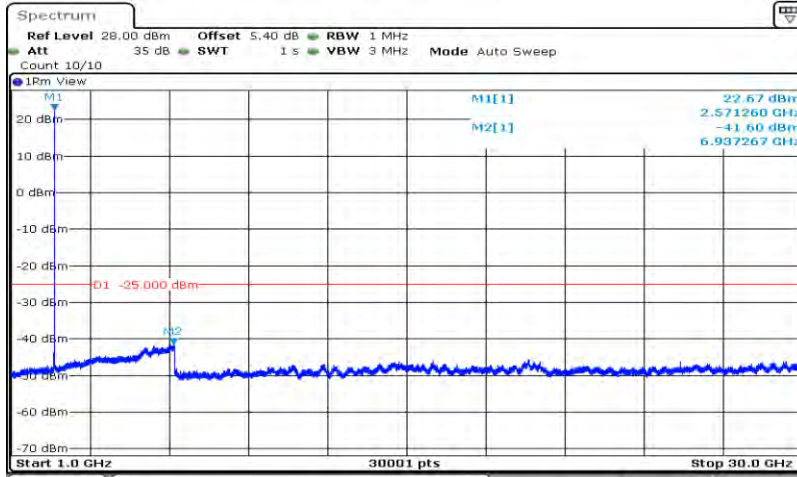


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Date: 24.DEC.2019 08:38:46

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

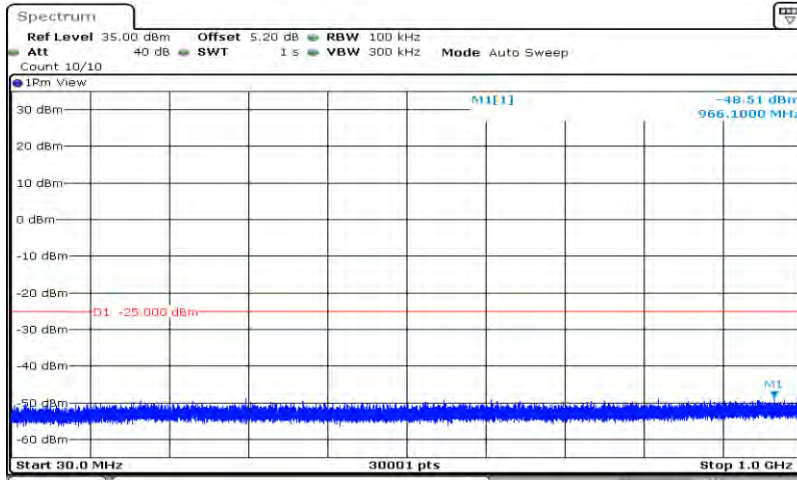


Date: 24.DEC.2019 08:39:02

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

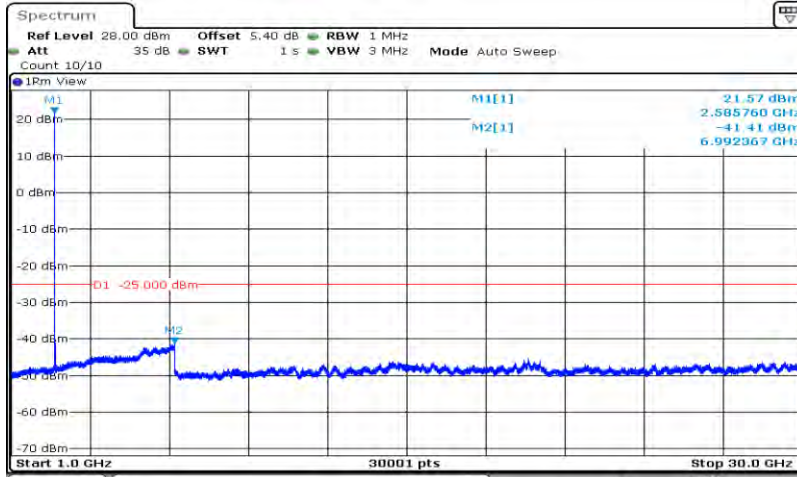


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Date: 24.DEC.2019 08:39:53

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

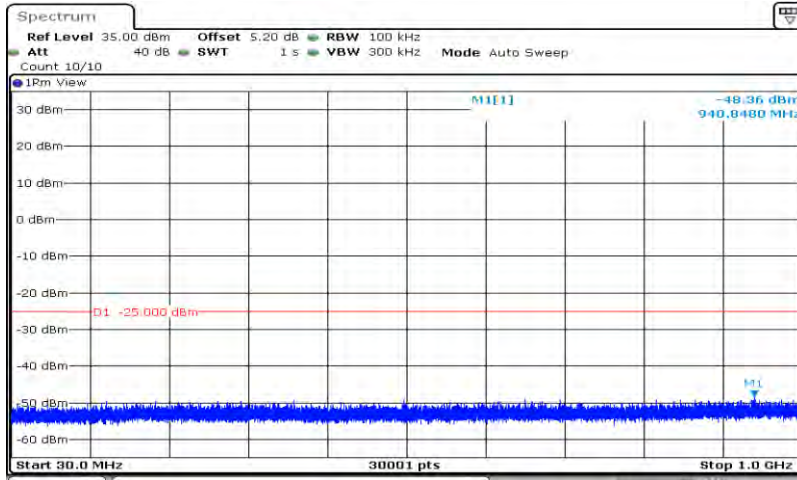


Date: 24.DEC.2019 08:40:10

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

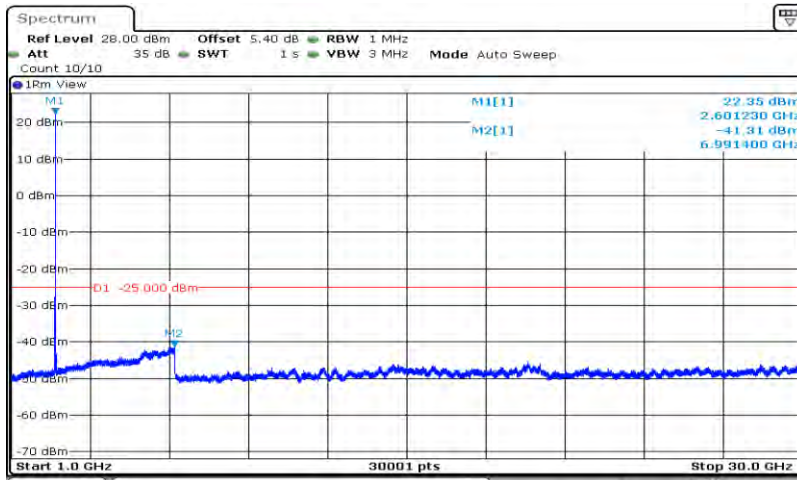


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Date: 24.DEC.2019 08:41:01

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



Date: 24.DEC.2019 08:41:17



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7. Field Strength of Spurious Radiation

7.1. Test Mode =LTE/TM1 (Ant0)

7.1.1. Test Channel = LCH

Frequency (MHz)	Level (dBm)	Limit Line (dBm)	Margin (dB)	Polarization
54.1542	-71.16	-25.00	46.16	Vertical
110.0775	-63.70	-25.00	38.70	Vertical
464.4362	-66.14	-25.00	41.14	Vertical
1790.1580	-43.71	-25.00	18.71	Vertical
7439.6480	-55.61	-25.00	30.61	Vertical
17989.9997	-40.18	-25.00	15.18	Vertical
44.8902	-62.67	-25.00	37.67	Horizontal
238.8999	-67.33	-25.00	42.33	Horizontal
658.3489	-62.79	-25.00	37.79	Horizontal
1800.5601	-43.15	-25.00	18.15	Horizontal
9323.2108	-52.09	-25.00	27.09	Horizontal
16371.4457	-43.90	-25.00	18.90	Horizontal

7.1.2. Test Channel = MCH

Frequency (MHz)	Level (dBm)	Limit Line (dBm)	Margin (dB)	Polarization
113.9577	-63.93	-25.00	38.93	Vertical
282.5521	-68.52	-25.00	43.52	Vertical
677.0224	-63.28	-25.00	38.28	Vertical
2088.2176	-41.53	-25.00	16.53	Vertical
8025.6675	-54.85	-25.00	29.85	Vertical
17991.4997	-39.76	-25.00	14.76	Vertical
44.3567	-64.29	-25.00	39.29	Horizontal
232.3036	-68.48	-25.00	43.48	Horizontal
870.2560	-60.16	-25.00	35.16	Horizontal
1786.1572	-43.43	-25.00	18.43	Horizontal
7441.1480	-55.81	-25.00	30.81	Horizontal
16392.4464	-43.75	-25.00	18.75	Horizontal



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7.1.3. Test Channel = HCH

Frequency (MHz)	Level (dBm)	Limit Line (dBm)	Margin (dB)	Polarization
63.2727	-69.00	-25.00	44.00	Vertical
108.0404	-64.65	-25.00	39.65	Vertical
393.7682	-66.94	-25.00	41.94	Vertical
1788.5577	-43.93	-25.00	18.93	Vertical
7955.6652	-55.65	-25.00	30.65	Vertical
17997.4999	-39.80	-25.00	14.80	Vertical
46.5878	-65.46	-25.00	40.46	Horizontal
234.5347	-67.68	-25.00	42.68	Horizontal
639.3845	-62.86	-25.00	37.86	Horizontal
1803.7608	-43.23	-25.00	18.23	Horizontal
9339.7113	-52.17	-25.00	27.17	Horizontal
16392.9464	-43.44	-25.00	18.44	Horizontal

7.2. Test Mode =LTE/TM1 (Ant2)

7.2.1. Test Channel = LCH

Frequency (MHz)	Level (dBm)	Limit Line (dBm)	Margin (dB)	Polarization
54.5175	-70.93	-25.00	45.93	Vertical
110.3342	-63.40	-25.00	38.40	Vertical
464.4849	-65.99	-25.00	40.99	Vertical
1790.2263	-43.71	-25.00	18.71	Vertical
7440.0317	-55.40	-25.00	30.40	Vertical
17990.0620	-40.13	-25.00	15.13	Vertical
45.3051	-62.39	-25.00	37.39	Horizontal
239.0411	-67.32	-25.00	42.32	Horizontal
658.7096	-62.35	-25.00	37.35	Horizontal
1800.8458	-42.80	-25.00	17.80	Horizontal
9323.3543	-51.68	-25.00	26.68	Horizontal
16371.6488	-43.54	-25.00	18.54	Horizontal



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7.2.2. Test Channel = MCH

Frequency (MHz)	Level (dBm)	Limit Line (dBm)	Margin (dB)	Polarization
114.1047	-63.48	-25.00	38.48	Vertical
283.0241	-68.52	-25.00	43.52	Vertical
677.0702	-62.99	-25.00	37.99	Vertical
2088.3829	-41.18	-25.00	16.18	Vertical
8025.8443	-54.62	-25.00	29.62	Vertical
17991.7033	-39.69	-25.00	14.69	Vertical
44.5552	-63.85	-25.00	38.85	Horizontal
232.5135	-68.04	-25.00	43.04	Horizontal
870.6041	-59.69	-25.00	34.69	Horizontal
1786.4757	-43.31	-25.00	18.31	Horizontal
7441.5820	-55.52	-25.00	30.52	Horizontal
16392.5600	-43.44	-25.00	18.44	Horizontal

7.2.3. Test Channel = HCH

Frequency (MHz)	Level (dBm)	Limit Line (dBm)	Margin (dB)	Polarization
63.6709	-68.61	-25.00	43.61	Vertical
108.1619	-64.21	-25.00	39.21	Vertical
394.2113	-66.49	-25.00	41.49	Vertical
1788.6066	-43.52	-25.00	18.52	Vertical
7955.8902	-55.49	-25.00	30.49	Vertical
17997.8794	-39.78	-25.00	14.78	Vertical
46.9361	-65.28	-25.00	40.28	Horizontal
234.6418	-67.32	-25.00	42.32	Horizontal
639.7484	-62.53	-25.00	37.53	Horizontal
1803.8174	-43.22	-25.00	18.22	Horizontal
9339.7552	-52.12	-25.00	27.12	Horizontal
16393.2177	-43.15	-25.00	18.15	Horizontal



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7.3. Test Mode =LTE/TM1 (Ant3)

7.3.1. Test Channel = LCH

Frequency (MHz)	Level (dBm)	Limit Line (dBm)	Margin (dB)	Polarization
113.5212	-64.84	-25.00	39.84	Vertical
619.3530	-63.17	-25.00	38.17	Vertical
2707.1414	-37.20	-25.00	12.20	Vertical
7362.1454	-56.07	-25.00	31.07	Vertical
14451.3817	-47.58	-25.00	22.58	Vertical
17985.9995	-40.24	-25.00	15.24	Vertical
45.1813	-63.72	-25.00	38.72	Horizontal
237.6874	-67.95	-25.00	42.95	Horizontal
771.4081	-61.56	-25.00	36.56	Horizontal
2941.5883	-37.87	-25.00	12.87	Horizontal
7469.1490	-56.88	-25.00	31.88	Horizontal
16386.9462	-44.01	-25.00	19.01	Horizontal

7.3.2. Test Channel = MCH

Frequency (MHz)	Level (dBm)	Limit Line (dBm)	Margin (dB)	Polarization
111.0476	-64.40	-25.00	39.40	Vertical
737.5049	-60.82	-25.00	35.82	Vertical
2990.3981	-38.06	-25.00	13.06	Vertical
7360.1453	-55.91	-25.00	30.91	Vertical
14724.3908	-47.88	-25.00	22.88	Vertical
17997.9999	-39.68	-25.00	14.68	Vertical
40.9130	-64.27	-25.00	39.27	Horizontal
235.9413	-67.83	-25.00	42.83	Horizontal
809.5310	-61.62	-25.00	36.62	Horizontal
2985.1970	-38.22	-25.00	13.22	Horizontal
7473.1491	-56.66	-25.00	31.66	Horizontal
16400.4467	-44.23	-25.00	19.23	Horizontal



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7.3.3. Test Channel = HCH

Frequency (MHz)	Level (dBm)	Limit Line (dBm)	Margin (dB)	Polarization
48.1884	-72.49	-25.00	47.49	Vertical
110.0775	-64.53	-25.00	39.53	Vertical
551.1586	-65.95	-25.00	40.95	Vertical
1780.5561	-43.99	-25.00	18.99	Vertical
8030.1677	-56.34	-25.00	31.34	Vertical
17995.9999	-40.36	-25.00	15.36	Vertical
45.4723	-62.65	-25.00	37.65	Horizontal
233.4192	-67.59	-25.00	42.59	Horizontal
538.9359	-64.22	-25.00	39.22	Horizontal
1796.9594	-43.17	-25.00	18.17	Horizontal
7493.1498	-57.01	-25.00	32.01	Horizontal
16393.9465	-43.86	-25.00	18.86	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.



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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	-13.00	-0.005039	±2.5	PASS
Band38	20MHz	QPSK	37850	100RB#0	VN	NT	-10.40	-0.004031	±2.5	PASS
Band38	20MHz	QPSK	37850	100RB#0	VH	NT	-2.60	-0.001008	±2.5	PASS
Band38	20MHz	QPSK	38000	100RB#0	VL	NT	-17.20	-0.006628	±2.5	PASS
Band38	20MHz	QPSK	38000	100RB#0	VN	NT	-12.20	-0.004701	±2.5	PASS
Band38	20MHz	QPSK	38000	100RB#0	VH	NT	-2.70	-0.001040	±2.5	PASS
Band38	20MHz	QPSK	38150	100RB#0	VL	NT	-18.60	-0.007126	±2.5	PASS
Band38	20MHz	QPSK	38150	100RB#0	VN	NT	-12.40	-0.004751	±2.5	PASS
Band38	20MHz	QPSK	38150	100RB#0	VH	NT	-1.30	-0.000498	±2.5	PASS
Band38	20MHz	64QAM	37850	100RB#0	VL	NT	-7.60	-0.002946	±2.5	PASS
Band38	20MHz	64QAM	37850	100RB#0	VN	NT	-12.30	-0.004767	±2.5	PASS
Band38	20MHz	64QAM	37850	100RB#0	VH	NT	-7.40	-0.002868	±2.5	PASS
Band38	20MHz	64QAM	38000	100RB#0	VL	NT	-18.80	-0.007245	±2.5	PASS
Band38	20MHz	64QAM	38000	100RB#0	VN	NT	-12.00	-0.004624	±2.5	PASS
Band38	20MHz	64QAM	38000	100RB#0	VH	NT	-8.80	-0.003391	±2.5	PASS
Band38	20MHz	64QAM	38150	100RB#0	VL	NT	-6.70	-0.002567	±2.5	PASS
Band38	20MHz	64QAM	38150	100RB#0	VN	NT	-7.30	-0.002797	±2.5	PASS
Band38	20MHz	64QAM	38150	100RB#0	VH	NT	-6.80	-0.002605	±2.5	PASS
Band38	20MHz	16QAM	37850	100RB#0	VL	NT	-6.10	-0.002364	±2.5	PASS
Band38	20MHz	16QAM	37850	100RB#0	VN	NT	-10.80	-0.004186	±2.5	PASS
Band38	20MHz	16QAM	37850	100RB#0	VH	NT	-2.60	-0.001008	±2.5	PASS
Band38	20MHz	16QAM	38000	100RB#0	VL	NT	-3.20	-0.001233	±2.5	PASS
Band38	20MHz	16QAM	38000	100RB#0	VN	NT	-7.10	-0.002736	±2.5	PASS
Band38	20MHz	16QAM	38000	100RB#0	VH	NT	-18.20	-0.007013	±2.5	PASS
Band38	20MHz	16QAM	38150	100RB#0	VL	NT	-13.50	-0.005172	±2.5	PASS
Band38	20MHz	16QAM	38150	100RB#0	VN	NT	-17.70	-0.006782	±2.5	PASS
Band38	20MHz	16QAM	38150	100RB#0	VH	NT	-11.60	-0.004444	±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	-6.70	-0.002597	±2.5	PASS
Band38	20MHz	QPSK	37850	100RB#0	NV	-20	-10.50	-0.004070	±2.5	PASS
Band38	20MHz	QPSK	37850	100RB#0	NV	0	0.00	0.000000	±2.5	PASS
Band38	20MHz	QPSK	37850	100RB#0	NV	10	-1.30	-0.000504	±2.5	PASS
Band38	20MHz	QPSK	37850	100RB#0	NV	20	0.00	0.000000	±2.5	PASS
Band38	20MHz	QPSK	37850	100RB#0	NV	30	-0.40	-0.000155	±2.5	PASS
Band38	20MHz	QPSK	37850	100RB#0	NV	40	-1.60	-0.000620	±2.5	PASS
Band38	20MHz	QPSK	37850	100RB#0	NV	50	-3.70	-0.001434	±2.5	PASS



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Band38	20MHz	QPSK	38000	100RB#0	NV	-30	-6.50	-0.002505	±2.5	PASS
Band38	20MHz	QPSK	38000	100RB#0	NV	-20	-7.10	-0.002736	±2.5	PASS
Band38	20MHz	QPSK	38000	100RB#0	NV	0	-8.20	-0.003160	±2.5	PASS
Band38	20MHz	QPSK	38000	100RB#0	NV	10	-7.20	-0.002775	±2.5	PASS
Band38	20MHz	QPSK	38000	100RB#0	NV	20	-8.10	-0.003121	±2.5	PASS
Band38	20MHz	QPSK	38000	100RB#0	NV	30	-9.10	-0.003507	±2.5	PASS
Band38	20MHz	QPSK	38000	100RB#0	NV	40	-12.90	-0.004971	±2.5	PASS
Band38	20MHz	QPSK	38000	100RB#0	NV	50	-9.40	-0.003622	±2.5	PASS
Band38	20MHz	QPSK	38150	100RB#0	NV	-30	-4.60	-0.001762	±2.5	PASS
Band38	20MHz	QPSK	38150	100RB#0	NV	-20	-6.60	-0.002529	±2.5	PASS
Band38	20MHz	QPSK	38150	100RB#0	NV	0	-9.30	-0.003563	±2.5	PASS
Band38	20MHz	QPSK	38150	100RB#0	NV	10	-11.10	-0.004253	±2.5	PASS
Band38	20MHz	QPSK	38150	100RB#0	NV	20	-17.40	-0.006667	±2.5	PASS
Band38	20MHz	QPSK	38150	100RB#0	NV	30	-17.60	-0.006743	±2.5	PASS
Band38	20MHz	QPSK	38150	100RB#0	NV	40	-17.40	-0.006667	±2.5	PASS
Band38	20MHz	QPSK	38150	100RB#0	NV	50	-18.20	-0.006973	±2.5	PASS
Band38	20MHz	64QAM	37850	100RB#0	NV	-30	1.30	0.000504	±2.5	PASS
Band38	20MHz	64QAM	37850	100RB#0	NV	-20	-0.40	-0.000155	±2.5	PASS
Band38	20MHz	64QAM	37850	100RB#0	NV	0	-7.80	-0.003023	±2.5	PASS
Band38	20MHz	64QAM	37850	100RB#0	NV	10	-2.20	-0.000853	±2.5	PASS
Band38	20MHz	64QAM	37850	100RB#0	NV	20	-2.90	-0.001124	±2.5	PASS
Band38	20MHz	64QAM	37850	100RB#0	NV	30	-10.60	-0.004109	±2.5	PASS
Band38	20MHz	64QAM	37850	100RB#0	NV	40	1.30	0.000504	±2.5	PASS
Band38	20MHz	64QAM	37850	100RB#0	NV	50	-10.90	-0.004225	±2.5	PASS
Band38	20MHz	64QAM	38000	100RB#0	NV	-30	-1.30	-0.000501	±2.5	PASS
Band38	20MHz	64QAM	38000	100RB#0	NV	-20	-3.60	-0.001387	±2.5	PASS
Band38	20MHz	64QAM	38000	100RB#0	NV	0	-14.20	-0.005472	±2.5	PASS
Band38	20MHz	64QAM	38000	100RB#0	NV	10	-9.30	-0.003584	±2.5	PASS
Band38	20MHz	64QAM	38000	100RB#0	NV	20	-3.50	-0.001349	±2.5	PASS
Band38	20MHz	64QAM	38000	100RB#0	NV	30	-16.90	-0.006513	±2.5	PASS
Band38	20MHz	64QAM	38000	100RB#0	NV	40	-14.10	-0.005434	±2.5	PASS
Band38	20MHz	64QAM	38000	100RB#0	NV	50	-20.30	-0.007823	±2.5	PASS
Band38	20MHz	64QAM	38150	100RB#0	NV	-30	-3.90	-0.001494	±2.5	PASS
Band38	20MHz	64QAM	38150	100RB#0	NV	-20	-2.50	-0.000958	±2.5	PASS
Band38	20MHz	64QAM	38150	100RB#0	NV	0	-7.00	-0.002682	±2.5	PASS
Band38	20MHz	64QAM	38150	100RB#0	NV	10	-20.40	-0.007816	±2.5	PASS
Band38	20MHz	64QAM	38150	100RB#0	NV	20	-15.50	-0.005939	±2.5	PASS
Band38	20MHz	64QAM	38150	100RB#0	NV	30	-13.10	-0.005019	±2.5	PASS
Band38	20MHz	64QAM	38150	100RB#0	NV	40	-13.00	-0.004981	±2.5	PASS
Band38	20MHz	64QAM	38150	100RB#0	NV	50	-9.30	-0.003563	±2.5	PASS
Band38	20MHz	16QAM	37850	100RB#0	NV	-30	-1.90	-0.000736	±2.5	PASS
Band38	20MHz	16QAM	37850	100RB#0	NV	-20	-12.30	-0.004767	±2.5	PASS
Band38	20MHz	16QAM	37850	100RB#0	NV	0	-11.80	-0.004574	±2.5	PASS
Band38	20MHz	16QAM	37850	100RB#0	NV	10	-10.80	-0.004186	±2.5	PASS
Band38	20MHz	16QAM	37850	100RB#0	NV	20	-9.40	-0.003643	±2.5	PASS
Band38	20MHz	16QAM	37850	100RB#0	NV	30	-9.50	-0.003682	±2.5	PASS
Band38	20MHz	16QAM	37850	100RB#0	NV	40	-6.00	-0.002326	±2.5	PASS
Band38	20MHz	16QAM	37850	100RB#0	NV	50	-3.80	-0.001473	±2.5	PASS



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Band38	20MHz	16QAM	38000	100RB#0	NV	-30	-14.30	-0.005511	±2.5	PASS
Band38	20MHz	16QAM	38000	100RB#0	NV	-20	-12.30	-0.004740	±2.5	PASS
Band38	20MHz	16QAM	38000	100RB#0	NV	0	-15.20	-0.005857	±2.5	PASS
Band38	20MHz	16QAM	38000	100RB#0	NV	10	-10.80	-0.004162	±2.5	PASS
Band38	20MHz	16QAM	38000	100RB#0	NV	20	-9.00	-0.003468	±2.5	PASS
Band38	20MHz	16QAM	38000	100RB#0	NV	30	-5.80	-0.002235	±2.5	PASS
Band38	20MHz	16QAM	38000	100RB#0	NV	40	-4.10	-0.001580	±2.5	PASS
Band38	20MHz	16QAM	38000	100RB#0	NV	50	-5.00	-0.001927	±2.5	PASS
Band38	20MHz	16QAM	38150	100RB#0	NV	-30	-6.60	-0.002529	±2.5	PASS
Band38	20MHz	16QAM	38150	100RB#0	NV	-20	-3.70	-0.001418	±2.5	PASS
Band38	20MHz	16QAM	38150	100RB#0	NV	0	-2.00	-0.000766	±2.5	PASS
Band38	20MHz	16QAM	38150	100RB#0	NV	10	-6.70	-0.002567	±2.5	PASS
Band38	20MHz	16QAM	38150	100RB#0	NV	20	-17.40	-0.006667	±2.5	PASS
Band38	20MHz	16QAM	38150	100RB#0	NV	30	-15.50	-0.005939	±2.5	PASS
Band38	20MHz	16QAM	38150	100RB#0	NV	40	-2.10	-0.000805	±2.5	PASS
Band38	20MHz	16QAM	38150	100RB#0	NV	50	-19.20	-0.007356	±2.5	PASS

The End



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