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Appendix B

E-UTRA BAND 38



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1. Effective (Isotropic) Radiated Power

1.1. Test Result

BAND	Bandwidth	Modulation	Channel	RB Configuration	Result (dBm)	EIRP (dBm)	Limit (dBm)	Verdict
Band38	5MHz	QPSK	37775	1RB#0	23.39	25.45	33.00	PASS
Band38	5MHz	QPSK	37775	37775 1RB#12		25.61	33.00	PASS
Band38	5MHz	QPSK	37775	1RB#24	23.46	25.52	33.00	PASS
Band38	5MHz	QPSK	37775	12RB#0	22.53	24.59	33.00	PASS
Band38	5MHz	QPSK	37775	12RB#6	22.51	24.57	33.00	PASS
Band38	5MHz	QPSK	37775	12RB#13	22.44	24.50	33.00	PASS
Band38	5MHz	QPSK	37775	25RB#0	22.44	24.50	33.00	PASS
Band38	5MHz	QPSK	38000	1RB#0	23.35	25.41	33.00	PASS
Band38	5MHz	QPSK	38000	1RB#12	23.78	25.84	33.00	PASS
Band38	5MHz	QPSK	38000	1RB#24	23.40	25.46	33.00	PASS
Band38	5MHz	QPSK	38000	12RB#0	22.48	24.54	33.00	PASS
Band38	5MHz	QPSK	38000	12RB#6	22.54	24.60	33.00	PASS
Band38	5MHz	QPSK	38000	12RB#13	22.47	24.53	33.00	PASS
Band38	5MHz	QPSK	38000	25RB#0	22.47	24.53	33.00	PASS
Band38	5MHz	QPSK	38225	1RB#0	23.32	25.38	33.00	PASS
Band38	5MHz	QPSK	38225	1RB#12	23.63	25.69	33.00	PASS
Band38	5MHz	QPSK	38225	1RB#24	23.49	25.55	33.00	PASS
Band38	5MHz	QPSK	38225	12RB#0	22.45	24.51	33.00	PASS
Band38	5MHz	QPSK	38225	12RB#6	22.36	24.42	33.00	PASS
Band38	5MHz	QPSK	38225	12RB#13	22.41	24.47	33.00	PASS
Band38	5MHz	QPSK	38225	25RB#0	22.43	24.49	33.00	PASS
Band38	5MHz	16QAM	37775	1RB#0	22.03	24.09	33.00	PASS
Band38	5MHz	16QAM	37775	1RB#12	22.24	24.30	33.00	PASS
Band38	5MHz	16QAM	37775	1RB#24	21.74	23.80	33.00	PASS
Band38	5MHz	16QAM	37775	12RB#0	21.40	23.46	33.00	PASS
Band38	5MHz	16QAM	37775	12RB#6	21.48	23.54	33.00	PASS
Band38	5MHz	16QAM	37775	12RB#13	21.31	23.37	33.00	PASS
Band38	5MHz	16QAM	37775	25RB#0	21.40	23.46	33.00	PASS
Band38	5MHz	16QAM	38000	1RB#0	21.94	24.00	33.00	PASS
Band38	5MHz	16QAM	38000	1RB#12	22.28	24.34	33.00	PASS
Band38	5MHz	16QAM	38000	1RB#24	21.99	24.05	33.00	PASS
Band38	5MHz	16QAM	38000	12RB#0	21.43	23.49	33.00	PASS



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Band38	5MHz	16QAM	38000	12RB#6	21.42	23.48	33.00	PASS
Band38	5MHz	16QAM	38000	12RB#13	21.37	23.43	33.00	PASS
Band38	5MHz	16QAM	38000	25RB#0	21.35	23.41	33.00	PASS
Band38	5MHz	16QAM	38225	1RB#0	21.95	24.01	33.00	PASS
Band38	5MHz	16QAM	38225	1RB#12	22.14	24.20	33.00	PASS
Band38	5MHz	16QAM	38225	1RB#24	21.91	23.97	33.00	PASS
Band38	5MHz	16QAM	38225	12RB#0	21.37	23.43	33.00	PASS
Band38	5MHz	16QAM	38225	12RB#6	21.25	23.31	33.00	PASS
Band38	5MHz	16QAM	38225	12RB#13	21.36	23.42	33.00	PASS
Band38	5MHz	16QAM	38225	25RB#0	21.26	23.32	33.00	PASS
Band38	10MHz	QPSK	37800	1RB#0	23.62	25.68	33.00	PASS
Band38	10MHz	QPSK	37800	1RB#24	23.75	25.81	33.00	PASS
Band38	10MHz	QPSK	37800	1RB#49	23.25	25.31	33.00	PASS
Band38	10MHz	QPSK	37800	25RB#0	22.66	24.72	33.00	PASS
Band38	10MHz	QPSK	37800	25RB#12	22.58	24.64	33.00	PASS
Band38	10MHz	QPSK	37800	25RB#25	22.34	24.40	33.00	PASS
Band38	10MHz	QPSK	37800	50RB#0	22.44	24.50	33.00	PASS
Band38	10MHz	QPSK	38000	1RB#0	23.38	25.44	33.00	PASS
Band38	10MHz	QPSK	38000	1RB#24	23.89	25.95	33.00	PASS
Band38	10MHz	QPSK	38000	1RB#49	23.25	25.31	33.00	PASS
Band38	10MHz	QPSK	38000	25RB#0	22.52	24.58	33.00	PASS
Band38	10MHz	QPSK	38000	25RB#12	22.53	24.59	33.00	PASS
Band38	10MHz	QPSK	38000	25RB#25	22.37	24.43	33.00	PASS
Band38	10MHz	QPSK	38000	50RB#0	22.45	24.51	33.00	PASS
Band38	10MHz	QPSK	38200	1RB#0	23.26	25.32	33.00	PASS
Band38	10MHz	QPSK	38200	1RB#24	23.73	25.79	33.00	PASS
Band38	10MHz	QPSK	38200	1RB#49	23.17	25.23	33.00	PASS
Band38	10MHz	QPSK	38200	25RB#0	22.58	24.64	33.00	PASS
Band38	10MHz	QPSK	38200	25RB#12	22.43	24.49	33.00	PASS
Band38	10MHz	QPSK	38200	25RB#25	22.30	24.36	33.00	PASS
Band38	10MHz	QPSK	38200	50RB#0	22.39	24.45	33.00	PASS
Band38	10MHz	16QAM	37800	1RB#0	22.12	24.18	33.00	PASS
Band38	10MHz	16QAM	37800	1RB#24	22.08	24.14	33.00	PASS
Band38	10MHz	16QAM	37800	1RB#49	22.08	24.14	33.00	PASS
Band38	10MHz	16QAM	37800	25RB#0	21.49	23.55	33.00	PASS
Band38	10MHz	16QAM	37800	25RB#12	21.54	23.60	33.00	PASS
Band38	10MHz	16QAM	37800	25RB#25	21.42	23.48	33.00	PASS
Band38	10MHz	16QAM	37800	50RB#0	21.37	23.43	33.00	PASS



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Band38	10MHz	16QAM	38000	1RB#0	22.09	24.15	33.00	PASS
Band38	10MHz	16QAM	38000	1RB#24	22.19	24.25	33.00	PASS
Band38	10MHz	16QAM	38000	1RB#49	22.03	24.09	33.00	PASS
Band38	10MHz	16QAM	38000	25RB#0	21.37	23.43	33.00	PASS
Band38	10MHz	16QAM	38000	25RB#12	21.43	23.49	33.00	PASS
Band38	10MHz	16QAM	38000	25RB#25	21.55	23.61	33.00	PASS
Band38	10MHz	16QAM	38000	50RB#0	21.31	23.37	33.00	PASS
Band38	10MHz	16QAM	38200	1RB#0	21.94	24.00	33.00	PASS
Band38	10MHz	16QAM	38200	1RB#24	22.22	24.28	33.00	PASS
Band38	10MHz	16QAM	38200	1RB#49	22.01	24.07	33.00	PASS
Band38	10MHz	16QAM	38200	25RB#0	21.50	23.56	33.00	PASS
Band38	10MHz	16QAM	38200	25RB#12	21.40	23.46	33.00	PASS
Band38	10MHz	16QAM	38200	25RB#25	21.37	23.43	33.00	PASS
Band38	10MHz	16QAM	38200	50RB#0	21.34	23.40	33.00	PASS
Band38	15MHz	QPSK	37825	1RB#0	23.54	25.60	33.00	PASS
Band38	15MHz	QPSK	37825	1RB#38	23.65	25.71	33.00	PASS
Band38	15MHz	QPSK	37825	1RB#74	23.20	25.26	33.00	PASS
Band38	15MHz	QPSK	37825	36RB#0	22.51	24.57	33.00	PASS
Band38	15MHz	QPSK	37825	36RB#18	22.56	24.62	33.00	PASS
Band38	15MHz	QPSK	37825	36RB#39	22.41	24.47	33.00	PASS
Band38	15MHz	QPSK	37825	75RB#0	22.41	24.47	33.00	PASS
Band38	15MHz	QPSK	38000	1RB#0	23.41	25.47	33.00	PASS
Band38	15MHz	QPSK	38000	1RB#38	23.66	25.72	33.00	PASS
Band38	15MHz	QPSK	38000	1RB#74	23.29	25.35	33.00	PASS
Band38	15MHz	QPSK	38000	36RB#0	22.53	24.59	33.00	PASS
Band38	15MHz	QPSK	38000	36RB#18	22.57	24.63	33.00	PASS
Band38	15MHz	QPSK	38000	36RB#39	22.40	24.46	33.00	PASS
Band38	15MHz	QPSK	38000	75RB#0	22.50	24.56	33.00	PASS
Band38	15MHz	QPSK	38175	1RB#0	23.36	25.42	33.00	PASS
Band38	15MHz	QPSK	38175	1RB#38	23.53	25.59	33.00	PASS
Band38	15MHz	QPSK	38175	1RB#74	23.24	25.30	33.00	PASS
Band38	15MHz	QPSK	38175	36RB#0	22.56	24.62	33.00	PASS
Band38	15MHz	QPSK	38175	36RB#18	22.51	24.57	33.00	PASS
Band38	15MHz	QPSK	38175	36RB#39	22.31	24.37	33.00	PASS
Band38	15MHz	QPSK	38175	75RB#0	22.37	24.43	33.00	PASS
Band38	15MHz	16QAM	37825	1RB#0	22.21	24.27	33.00	PASS
Band38	15MHz	16QAM	37825	1RB#38	22.07	24.13	33.00	PASS
Band38	15MHz	16QAM	37825	1RB#74	21.86	23.92	33.00	PASS



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Band38 TiSMHZ TISMHZ<	Band38	15MHz	16QAM	37825	36RB#0	21.42	23.48	33.00	PASS
Band38									
Band38							_		
Band38			·						
Band38 15MHz 16QAM 38000 1RB#38 21.95 24.01 33.00 PASS Band38 15MHz 16QAM 38000 1RB#74 21.98 24.04 33.00 PASS Band38 15MHz 16QAM 38000 36RB#0 21.47 23.53 33.00 PASS Band38 15MHz 16QAM 38000 36RB#39 21.47 23.53 33.00 PASS Band38 15MHz 16QAM 38000 36RB#39 21.47 23.53 33.00 PASS Band38 15MHz 16QAM 38000 75RB#0 21.43 23.49 33.00 PASS Band38 15MHz 16QAM 38175 1RB#0 22.27 24.33 33.00 PASS Band38 15MHz 16QAM 38175 1RB#74 22.05 24.11 33.00 PASS Band38 15MHz 16QAM 38175 36RB#39 21.27 23.33 33.00 PASS			·						
Band38 15MHz 16QAM 38000 1RB#74 21.98 24.04 33.00 PASS Band38 15MHz 16QAM 38000 36RB#0 21.47 23.53 33.00 PASS Band38 15MHz 16QAM 38000 36RB#18 21.34 23.40 33.00 PASS Band38 15MHz 16QAM 38000 36RB#39 21.47 23.53 33.00 PASS Band38 15MHz 16QAM 38000 75RB#0 21.43 23.49 33.00 PASS Band38 15MHz 16QAM 38175 1RB#0 22.27 24.33 33.00 PASS Band38 15MHz 16QAM 38175 1RB#74 22.05 24.11 33.00 PASS Band38 15MHz 16QAM 38175 36RB#0 21.32 23.38 33.00 PASS Band38 15MHz 16QAM 38175 36RB#0 21.32 23.33 33.00 PASS									
Band38 15MHz 16QAM 38000 36RB#0 21.47 23.53 33.00 PASS Band38 15MHz 16QAM 38000 36RB#18 21.34 23.40 33.00 PASS Band38 15MHz 16QAM 38000 75RB#0 21.47 23.53 33.00 PASS Band38 15MHz 16QAM 38000 75RB#0 21.43 23.49 33.00 PASS Band38 15MHz 16QAM 38175 1RB#38 21.82 23.88 33.00 PASS Band38 15MHz 16QAM 38175 1RB#38 21.82 23.88 33.00 PASS Band38 15MHz 16QAM 38175 36RB#0 21.32 23.38 33.00 PASS Band38 15MHz 16QAM 38175 36RB#0 21.32 23.33 33.00 PASS Band38 15MHz 16QAM 38175 36RB#39 21.27 23.33 33.00 PASS	Band38		16QAM						
Band38 15MHz 16QAM 38000 36RB#18 21.34 23.40 33.00 PASS Band38 15MHz 16QAM 38000 36RB#39 21.47 23.53 33.00 PASS Band38 15MHz 16QAM 38000 75RB#0 21.43 23.49 33.00 PASS Band38 15MHz 16QAM 38175 1RB#0 22.27 24.33 33.00 PASS Band38 15MHz 16QAM 38175 1RB#38 21.82 23.88 33.00 PASS Band38 15MHz 16QAM 38175 1RB#74 22.05 24.11 33.00 PASS Band38 15MHz 16QAM 38175 36RB#0 21.32 23.33 33.00 PASS Band38 15MHz 16QAM 38175 36RB#39 21.27 23.33 33.00 PASS Band38 15MHz 16QAM 38175 75RB#0 21.30 23.36 33.00 PASS	Band38		16QAM	38000	1RB#74	21.98	24.04	33.00	
Band38 15MHz 16QAM 38000 36RB#39 21.47 23.53 33.00 PASS Band38 15MHz 16QAM 38000 75RB#0 21.43 23.49 33.00 PASS Band38 15MHz 16QAM 38175 1RB#0 22.27 24.33 33.00 PASS Band38 15MHz 16QAM 38175 1RB#38 21.82 23.88 33.00 PASS Band38 15MHz 16QAM 38175 36RB#0 21.32 23.38 33.00 PASS Band38 15MHz 16QAM 38175 36RB#0 21.32 23.38 33.00 PASS Band38 15MHz 16QAM 38175 36RB#18 21.44 23.50 33.00 PASS Band38 15MHz 16QAM 38175 36RB#39 21.27 23.33 33.00 PASS Band38 15MHz 16QAM 38175 75RB#0 21.30 23.36 33.00 PASS	Band38	15MHz	16QAM	38000	36RB#0	21.47	23.53	33.00	PASS
Band38 15MHz 16QAM 38000 75RB#0 21.43 23.49 33.00 PASS Band38 15MHz 16QAM 38175 1RB#0 22.27 24.33 33.00 PASS Band38 15MHz 16QAM 38175 1RB#38 21.82 23.88 33.00 PASS Band38 15MHz 16QAM 38175 1RB#74 22.05 24.11 33.00 PASS Band38 15MHz 16QAM 38175 36RB#0 21.32 23.38 33.00 PASS Band38 15MHz 16QAM 38175 36RB#18 21.44 23.50 33.00 PASS Band38 15MHz 16QAM 38175 36RB#39 21.27 23.33 33.00 PASS Band38 15MHz 16QAM 38175 75RB#0 21.30 23.36 33.00 PASS Band38 20MHz QPSK 37850 1RB#0 23.48 25.54 33.00 PASS	Band38	15MHz	16QAM	38000	36RB#18	21.34	23.40	33.00	PASS
Band38 15MHz 16QAM 38175 1RB#0 22.27 24.33 33.00 PASS Band38 15MHz 16QAM 38175 1RB#38 21.82 23.88 33.00 PASS Band38 15MHz 16QAM 38175 1RB#74 22.05 24.11 33.00 PASS Band38 15MHz 16QAM 38175 36RB#0 21.32 23.38 33.00 PASS Band38 15MHz 16QAM 38175 36RB#39 21.27 23.33 33.00 PASS Band38 15MHz 16QAM 38175 36RB#39 21.27 23.33 33.00 PASS Band38 15MHz 16QAM 38175 75RB#0 21.30 23.36 33.00 PASS Band38 20MHz QPSK 37850 1RB#9 23.48 25.54 33.00 PASS Band38 20MHz QPSK 37850 1RB#99 23.03 25.09 33.00 PASS	Band38	15MHz	16QAM	38000	36RB#39	21.47	23.53	33.00	PASS
Band38 15MHz 16QAM 38175 1RB#38 21.82 23.88 33.00 PASS Band38 15MHz 16QAM 38175 1RB#74 22.05 24.11 33.00 PASS Band38 15MHz 16QAM 38175 36RB#0 21.32 23.38 33.00 PASS Band38 15MHz 16QAM 38175 36RB#18 21.44 23.50 33.00 PASS Band38 15MHz 16QAM 38175 36RB#39 21.27 23.33 33.00 PASS Band38 15MHz 16QAM 38175 75RB#0 21.30 23.36 33.00 PASS Band38 20MHz QPSK 37850 1RB#0 23.48 25.54 33.00 PASS Band38 20MHz QPSK 37850 1RB#99 23.03 25.09 33.00 PASS Band38 20MHz QPSK 37850 50RB#25 22.64 24.70 33.00 PASS	Band38	15MHz	16QAM	38000	75RB#0	21.43	23.49	33.00	PASS
Band38 15MHz 16QAM 38175 1RB#74 22.05 24.11 33.00 PASS Band38 15MHz 16QAM 38175 36RB#0 21.32 23.38 33.00 PASS Band38 15MHz 16QAM 38175 36RB#18 21.44 23.50 33.00 PASS Band38 15MHz 16QAM 38175 36RB#39 21.27 23.33 33.00 PASS Band38 15MHz 16QAM 38175 75RB#0 21.30 23.36 33.00 PASS Band38 20MHz QPSK 37850 1RB#0 23.48 25.54 33.00 PASS Band38 20MHz QPSK 37850 1RB#49 23.03 25.92 33.00 PASS Band38 20MHz QPSK 37850 50RB#0 22.55 24.61 33.00 PASS Band38 20MHz QPSK 37850 50RB#50 22.34 24.40 33.00 PASS	Band38	15MHz	16QAM	38175	1RB#0	22.27	24.33	33.00	PASS
Band38 15MHz 160AM 38175 36RB#0 21.32 23.38 33.00 PASS Band38 15MHz 160AM 38175 36RB#18 21.44 23.50 33.00 PASS Band38 15MHz 160AM 38175 36RB#39 21.27 23.33 33.00 PASS Band38 15MHz 160AM 38175 75RB#0 21.30 23.36 33.00 PASS Band38 20MHz QPSK 37850 1RB#0 23.48 25.54 33.00 PASS Band38 20MHz QPSK 37850 1RB#99 23.03 25.09 33.00 PASS Band38 20MHz QPSK 37850 50RB#0 22.55 24.61 33.00 PASS Band38 20MHz QPSK 37850 50RB#25 22.64 24.70 33.00 PASS Band38 20MHz QPSK 37850 50RB#50 22.34 24.40 33.00 PASS	Band38	15MHz	16QAM	38175	1RB#38	21.82	23.88	33.00	PASS
Band38 15MHz 16QAM 38175 36RB#18 21.44 23.50 33.00 PASS Band38 15MHz 16QAM 38175 36RB#39 21.27 23.33 33.00 PASS Band38 15MHz 16QAM 38175 75RB#0 21.30 23.36 33.00 PASS Band38 20MHz QPSK 37850 1RB#0 23.48 25.54 33.00 PASS Band38 20MHz QPSK 37850 1RB#49 23.86 25.92 33.00 PASS Band38 20MHz QPSK 37850 1RB#99 23.03 25.09 33.00 PASS Band38 20MHz QPSK 37850 50RB#0 22.55 24.61 33.00 PASS Band38 20MHz QPSK 37850 50RB#55 22.64 24.70 33.00 PASS Band38 20MHz QPSK 37850 100RB#0 22.47 24.53 33.00 PASS	Band38	15MHz	16QAM	38175	1RB#74	22.05	24.11	33.00	PASS
Band38 15MHz 16QAM 38175 36RB#39 21.27 23.33 33.00 PASS Band38 15MHz 16QAM 38175 75RB#0 21.30 23.36 33.00 PASS Band38 20MHz QPSK 37850 1RB#0 23.48 25.54 33.00 PASS Band38 20MHz QPSK 37850 1RB#99 23.03 25.09 33.00 PASS Band38 20MHz QPSK 37850 50RB#0 22.55 24.61 33.00 PASS Band38 20MHz QPSK 37850 50RB#0 22.55 24.61 33.00 PASS Band38 20MHz QPSK 37850 50RB#50 22.34 24.40 33.00 PASS Band38 20MHz QPSK 37850 100RB#0 22.47 24.53 33.00 PASS Band38 20MHz QPSK 37850 100RB#0 22.47 24.53 33.00 PASS <	Band38	15MHz	16QAM	38175	36RB#0	21.32	23.38	33.00	PASS
Band38 15MHz 16QAM 38175 75RB#0 21.30 23.36 33.00 PASS Band38 20MHz QPSK 37850 1RB#0 23.48 25.54 33.00 PASS Band38 20MHz QPSK 37850 1RB#99 23.03 25.92 33.00 PASS Band38 20MHz QPSK 37850 50RB#0 22.55 24.61 33.00 PASS Band38 20MHz QPSK 37850 50RB#0 22.55 24.61 33.00 PASS Band38 20MHz QPSK 37850 50RB#25 22.64 24.70 33.00 PASS Band38 20MHz QPSK 37850 50RB#50 22.34 24.40 33.00 PASS Band38 20MHz QPSK 37850 100RB#0 22.47 24.53 33.00 PASS Band38 20MHz QPSK 38000 1RB#0 23.32 25.38 33.00 PASS	Band38	15MHz	16QAM	38175	36RB#18	21.44	23.50	33.00	PASS
Band38 20MHz QPSK 37850 1RB#0 23.48 25.54 33.00 PASS Band38 20MHz QPSK 37850 1RB#49 23.86 25.92 33.00 PASS Band38 20MHz QPSK 37850 1RB#99 23.03 25.09 33.00 PASS Band38 20MHz QPSK 37850 50RB#0 22.55 24.61 33.00 PASS Band38 20MHz QPSK 37850 50RB#25 22.64 24.70 33.00 PASS Band38 20MHz QPSK 37850 50RB#50 22.34 24.40 33.00 PASS Band38 20MHz QPSK 37850 100RB#0 22.47 24.53 33.00 PASS Band38 20MHz QPSK 38000 1RB#0 23.32 25.38 33.00 PASS Band38 20MHz QPSK 38000 1RB#99 23.12 25.18 33.00 PASS	Band38	15MHz	16QAM	38175	36RB#39	21.27	23.33	33.00	PASS
Band38 20MHz QPSK 37850 1RB#49 23.86 25.92 33.00 PASS Band38 20MHz QPSK 37850 1RB#99 23.03 25.09 33.00 PASS Band38 20MHz QPSK 37850 50RB#0 22.55 24.61 33.00 PASS Band38 20MHz QPSK 37850 50RB#25 22.64 24.70 33.00 PASS Band38 20MHz QPSK 37850 50RB#50 22.34 24.40 33.00 PASS Band38 20MHz QPSK 37850 100RB#0 22.47 24.53 33.00 PASS Band38 20MHz QPSK 38000 1RB#0 23.32 25.38 33.00 PASS Band38 20MHz QPSK 38000 1RB#49 23.88 25.94 33.00 PASS Band38 20MHz QPSK 38000 50RB#0 22.55 24.61 33.00 PASS	Band38	15MHz	16QAM	38175	75RB#0	21.30	23.36	33.00	PASS
Band38 20MHz QPSK 37850 1RB#99 23.03 25.09 33.00 PASS Band38 20MHz QPSK 37850 50RB#0 22.55 24.61 33.00 PASS Band38 20MHz QPSK 37850 50RB#25 22.64 24.70 33.00 PASS Band38 20MHz QPSK 37850 50RB#50 22.34 24.40 33.00 PASS Band38 20MHz QPSK 37850 100RB#0 22.47 24.53 33.00 PASS Band38 20MHz QPSK 38000 1RB#0 23.32 25.38 33.00 PASS Band38 20MHz QPSK 38000 1RB#49 23.88 25.94 33.00 PASS Band38 20MHz QPSK 38000 1RB#99 23.12 25.18 33.00 PASS Band38 20MHz QPSK 38000 50RB#25 22.55 24.61 33.00 PASS <tr< td=""><td>Band38</td><td>20MHz</td><td>QPSK</td><td>37850</td><td>1RB#0</td><td>23.48</td><td>25.54</td><td>33.00</td><td>PASS</td></tr<>	Band38	20MHz	QPSK	37850	1RB#0	23.48	25.54	33.00	PASS
Band38 20MHz QPSK 37850 50RB#0 22.55 24.61 33.00 PASS Band38 20MHz QPSK 37850 50RB#25 22.64 24.70 33.00 PASS Band38 20MHz QPSK 37850 50RB#50 22.34 24.40 33.00 PASS Band38 20MHz QPSK 37850 100RB#0 22.47 24.53 33.00 PASS Band38 20MHz QPSK 38000 1RB#0 23.32 25.38 33.00 PASS Band38 20MHz QPSK 38000 1RB#49 23.88 25.94 33.00 PASS Band38 20MHz QPSK 38000 1RB#99 23.12 25.18 33.00 PASS Band38 20MHz QPSK 38000 50RB#0 22.55 24.61 33.00 PASS Band38 20MHz QPSK 38000 50RB#25 22.57 24.63 33.00 PASS <tr< td=""><td>Band38</td><td>20MHz</td><td>QPSK</td><td>37850</td><td>1RB#49</td><td>23.86</td><td>25.92</td><td>33.00</td><td>PASS</td></tr<>	Band38	20MHz	QPSK	37850	1RB#49	23.86	25.92	33.00	PASS
Band38 20MHz QPSK 37850 50RB#25 22.64 24.70 33.00 PASS Band38 20MHz QPSK 37850 50RB#50 22.34 24.40 33.00 PASS Band38 20MHz QPSK 37850 100RB#0 22.47 24.53 33.00 PASS Band38 20MHz QPSK 38000 1RB#0 23.32 25.38 33.00 PASS Band38 20MHz QPSK 38000 1RB#49 23.88 25.94 33.00 PASS Band38 20MHz QPSK 38000 1RB#99 23.12 25.18 33.00 PASS Band38 20MHz QPSK 38000 50RB#0 22.55 24.61 33.00 PASS Band38 20MHz QPSK 38000 50RB#25 22.57 24.63 33.00 PASS Band38 20MHz QPSK 38000 100RB#0 22.40 24.46 33.00 PASS <t< td=""><td>Band38</td><td>20MHz</td><td>QPSK</td><td>37850</td><td>1RB#99</td><td>23.03</td><td>25.09</td><td>33.00</td><td>PASS</td></t<>	Band38	20MHz	QPSK	37850	1RB#99	23.03	25.09	33.00	PASS
Band38 20MHz QPSK 37850 50RB#50 22.34 24.40 33.00 PASS Band38 20MHz QPSK 37850 100RB#0 22.47 24.53 33.00 PASS Band38 20MHz QPSK 38000 1RB#0 23.32 25.38 33.00 PASS Band38 20MHz QPSK 38000 1RB#49 23.88 25.94 33.00 PASS Band38 20MHz QPSK 38000 1RB#99 23.12 25.18 33.00 PASS Band38 20MHz QPSK 38000 50RB#0 22.55 24.61 33.00 PASS Band38 20MHz QPSK 38000 50RB#25 22.57 24.63 33.00 PASS Band38 20MHz QPSK 38000 50RB#50 22.36 24.42 33.00 PASS Band38 20MHz QPSK 38150 1RB#0 23.44 25.50 33.00 PASS	Band38	20MHz	QPSK	37850	50RB#0	22.55	24.61	33.00	PASS
Band38 20MHz QPSK 37850 100RB#0 22.47 24.53 33.00 PASS Band38 20MHz QPSK 38000 1RB#0 23.32 25.38 33.00 PASS Band38 20MHz QPSK 38000 1RB#49 23.88 25.94 33.00 PASS Band38 20MHz QPSK 38000 1RB#99 23.12 25.18 33.00 PASS Band38 20MHz QPSK 38000 50RB#0 22.55 24.61 33.00 PASS Band38 20MHz QPSK 38000 50RB#25 22.57 24.63 33.00 PASS Band38 20MHz QPSK 38000 50RB#50 22.36 24.42 33.00 PASS Band38 20MHz QPSK 38150 1RB#0 23.44 25.50 33.00 PASS Band38 20MHz QPSK 38150 1RB#99 23.14 25.20 33.00 PASS	Band38	20MHz	QPSK	37850	50RB#25	22.64	24.70	33.00	PASS
Band38 20MHz QPSK 38000 1RB#0 23.32 25.38 33.00 PASS Band38 20MHz QPSK 38000 1RB#49 23.88 25.94 33.00 PASS Band38 20MHz QPSK 38000 1RB#99 23.12 25.18 33.00 PASS Band38 20MHz QPSK 38000 50RB#0 22.55 24.61 33.00 PASS Band38 20MHz QPSK 38000 50RB#25 22.57 24.63 33.00 PASS Band38 20MHz QPSK 38000 50RB#50 22.36 24.42 33.00 PASS Band38 20MHz QPSK 38000 100RB#0 22.40 24.46 33.00 PASS Band38 20MHz QPSK 38150 1RB#0 23.44 25.50 33.00 PASS Band38 20MHz QPSK 38150 1RB#99 23.14 25.20 33.00 PASS	Band38	20MHz	QPSK	37850	50RB#50	22.34	24.40	33.00	PASS
Band38 20MHz QPSK 38000 1RB#49 23.88 25.94 33.00 PASS Band38 20MHz QPSK 38000 1RB#99 23.12 25.18 33.00 PASS Band38 20MHz QPSK 38000 50RB#0 22.55 24.61 33.00 PASS Band38 20MHz QPSK 38000 50RB#25 22.57 24.63 33.00 PASS Band38 20MHz QPSK 38000 50RB#50 22.36 24.42 33.00 PASS Band38 20MHz QPSK 38150 1RB#0 23.44 25.50 33.00 PASS Band38 20MHz QPSK 38150 1RB#49 23.68 25.74 33.00 PASS Band38 20MHz QPSK 38150 1RB#99 23.14 25.20 33.00 PASS Band38 20MHz QPSK 38150 50RB#0 22.59 24.65 33.00 PASS	Band38	20MHz	QPSK	37850	100RB#0	22.47	24.53	33.00	PASS
Band38 20MHz QPSK 38000 1RB#99 23.12 25.18 33.00 PASS Band38 20MHz QPSK 38000 50RB#0 22.55 24.61 33.00 PASS Band38 20MHz QPSK 38000 50RB#25 22.57 24.63 33.00 PASS Band38 20MHz QPSK 38000 50RB#50 22.36 24.42 33.00 PASS Band38 20MHz QPSK 38000 100RB#0 22.40 24.46 33.00 PASS Band38 20MHz QPSK 38150 1RB#0 23.44 25.50 33.00 PASS Band38 20MHz QPSK 38150 1RB#99 23.14 25.20 33.00 PASS Band38 20MHz QPSK 38150 50RB#0 22.59 24.65 33.00 PASS Band38 20MHz QPSK 38150 50RB#25 22.57 24.63 33.00 PASS <tr< td=""><td>Band38</td><td>20MHz</td><td>QPSK</td><td>38000</td><td>1RB#0</td><td>23.32</td><td>25.38</td><td>33.00</td><td>PASS</td></tr<>	Band38	20MHz	QPSK	38000	1RB#0	23.32	25.38	33.00	PASS
Band38 20MHz QPSK 38000 50RB#0 22.55 24.61 33.00 PASS Band38 20MHz QPSK 38000 50RB#25 22.57 24.63 33.00 PASS Band38 20MHz QPSK 38000 50RB#50 22.36 24.42 33.00 PASS Band38 20MHz QPSK 38000 100RB#0 22.40 24.46 33.00 PASS Band38 20MHz QPSK 38150 1RB#0 23.44 25.50 33.00 PASS Band38 20MHz QPSK 38150 1RB#49 23.68 25.74 33.00 PASS Band38 20MHz QPSK 38150 1RB#99 23.14 25.20 33.00 PASS Band38 20MHz QPSK 38150 50RB#0 22.59 24.65 33.00 PASS Band38 20MHz QPSK 38150 50RB#25 22.57 24.63 33.00 PASS <td>Band38</td> <td>20MHz</td> <td>QPSK</td> <td>38000</td> <td>1RB#49</td> <td>23.88</td> <td>25.94</td> <td>33.00</td> <td>PASS</td>	Band38	20MHz	QPSK	38000	1RB#49	23.88	25.94	33.00	PASS
Band38 20MHz QPSK 38000 50RB#25 22.57 24.63 33.00 PASS Band38 20MHz QPSK 38000 50RB#50 22.36 24.42 33.00 PASS Band38 20MHz QPSK 38000 100RB#0 22.40 24.46 33.00 PASS Band38 20MHz QPSK 38150 1RB#0 23.44 25.50 33.00 PASS Band38 20MHz QPSK 38150 1RB#49 23.68 25.74 33.00 PASS Band38 20MHz QPSK 38150 1RB#99 23.14 25.20 33.00 PASS Band38 20MHz QPSK 38150 50RB#0 22.59 24.65 33.00 PASS Band38 20MHz QPSK 38150 50RB#25 22.57 24.63 33.00 PASS	Band38	20MHz	QPSK	38000	1RB#99	23.12	25.18	33.00	PASS
Band38 20MHz QPSK 38000 50RB#50 22.36 24.42 33.00 PASS Band38 20MHz QPSK 38000 100RB#0 22.40 24.46 33.00 PASS Band38 20MHz QPSK 38150 1RB#0 23.44 25.50 33.00 PASS Band38 20MHz QPSK 38150 1RB#49 23.68 25.74 33.00 PASS Band38 20MHz QPSK 38150 1RB#99 23.14 25.20 33.00 PASS Band38 20MHz QPSK 38150 50RB#0 22.59 24.65 33.00 PASS Band38 20MHz QPSK 38150 50RB#25 22.57 24.63 33.00 PASS	Band38	20MHz	QPSK	38000	50RB#0	22.55	24.61	33.00	PASS
Band38 20MHz QPSK 38000 100RB#0 22.40 24.46 33.00 PASS Band38 20MHz QPSK 38150 1RB#0 23.44 25.50 33.00 PASS Band38 20MHz QPSK 38150 1RB#49 23.68 25.74 33.00 PASS Band38 20MHz QPSK 38150 1RB#99 23.14 25.20 33.00 PASS Band38 20MHz QPSK 38150 50RB#0 22.59 24.65 33.00 PASS Band38 20MHz QPSK 38150 50RB#25 22.57 24.63 33.00 PASS	Band38	20MHz	QPSK	38000	50RB#25	22.57	24.63	33.00	PASS
Band38 20MHz QPSK 38150 1RB#0 23.44 25.50 33.00 PASS Band38 20MHz QPSK 38150 1RB#49 23.68 25.74 33.00 PASS Band38 20MHz QPSK 38150 1RB#99 23.14 25.20 33.00 PASS Band38 20MHz QPSK 38150 50RB#0 22.59 24.65 33.00 PASS Band38 20MHz QPSK 38150 50RB#25 22.57 24.63 33.00 PASS	Band38	20MHz	QPSK	38000	50RB#50	22.36	24.42	33.00	PASS
Band38 20MHz QPSK 38150 1RB#49 23.68 25.74 33.00 PASS Band38 20MHz QPSK 38150 1RB#99 23.14 25.20 33.00 PASS Band38 20MHz QPSK 38150 50RB#0 22.59 24.65 33.00 PASS Band38 20MHz QPSK 38150 50RB#25 22.57 24.63 33.00 PASS	Band38	20MHz	QPSK	38000	100RB#0	22.40	24.46	33.00	PASS
Band38 20MHz QPSK 38150 1RB#99 23.14 25.20 33.00 PASS Band38 20MHz QPSK 38150 50RB#0 22.59 24.65 33.00 PASS Band38 20MHz QPSK 38150 50RB#25 22.57 24.63 33.00 PASS	Band38	20MHz	QPSK	38150	1RB#0	23.44	25.50	33.00	PASS
Band38 20MHz QPSK 38150 50RB#0 22.59 24.65 33.00 PASS Band38 20MHz QPSK 38150 50RB#25 22.57 24.63 33.00 PASS	Band38	20MHz	QPSK	38150	1RB#49	23.68	25.74	33.00	PASS
Band38 20MHz QPSK 38150 50RB#25 22.57 24.63 33.00 PASS	Band38	20MHz	QPSK	38150	1RB#99	23.14	25.20	33.00	PASS
Band38 20MHz QPSK 38150 50RB#25 22.57 24.63 33.00 PASS	Band38	20MHz	QPSK	38150	50RB#0	22.59	24.65	33.00	PASS
	Band38	20MHz	QPSK	38150	50RB#25	22.57	24.63	33.00	PASS



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Band38	20MHz	QPSK	38150	100RB#0	22.41	24.47	33.00	PASS
Band38	20MHz	16QAM	37850	1RB#0	22.20	24.26	33.00	PASS
Band38	20MHz	16QAM	37850	1RB#49	22.41	24.47	33.00	PASS
Band38	20MHz	16QAM	37850	1RB#99	21.91	23.97	33.00	PASS
Band38	20MHz	16QAM	37850	50RB#0	21.38	23.44	33.00	PASS
Band38	20MHz	16QAM	37850	50RB#25	21.38	23.44	33.00	PASS
Band38	20MHz	16QAM	37850	50RB#50	21.30	23.36	33.00	PASS
Band38	20MHz	16QAM	37850	100RB#0	21.42	23.48	33.00	PASS
Band38	20MHz	16QAM	38000	1RB#0	21.92	23.98	33.00	PASS
Band38	20MHz	16QAM	38000	1RB#49	22.17	24.23	33.00	PASS
Band38	20MHz	16QAM	38000	1RB#99	21.98	24.04	33.00	PASS
Band38	20MHz	16QAM	38000	50RB#0	21.38	23.44	33.00	PASS
Band38	20MHz	16QAM	38000	50RB#25	21.33	23.39	33.00	PASS
Band38	20MHz	16QAM	38000	50RB#50	21.42	23.48	33.00	PASS
Band38	20MHz	16QAM	38000	100RB#0	21.48	23.54	33.00	PASS
Band38	20MHz	16QAM	38150	1RB#0	22.17	24.23	33.00	PASS
Band38	20MHz	16QAM	38150	1RB#49	22.19	24.25	33.00	PASS
Band38	20MHz	16QAM	38150	1RB#99	22.03	24.09	33.00	PASS
Band38	20MHz	16QAM	38150	50RB#0	21.45	23.51	33.00	PASS
Band38	20MHz	16QAM	38150	50RB#25	21.33	23.39	33.00	PASS
Band38	20MHz	16QAM	38150	50RB#50	21.26	23.32	33.00	PASS
Band38	20MHz	16QAM	38150	100RB#0	21.39	23.45	33.00	PASS

REMARK:

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

ERP [dBm] = SGP [dBm] - Cable Loss [dB] + Gain [dBd]

EIRP [dBm] = SGP [dBm] - Cable Loss [dB] + Gain [dBi]

b: SGP=Signal Generator Level



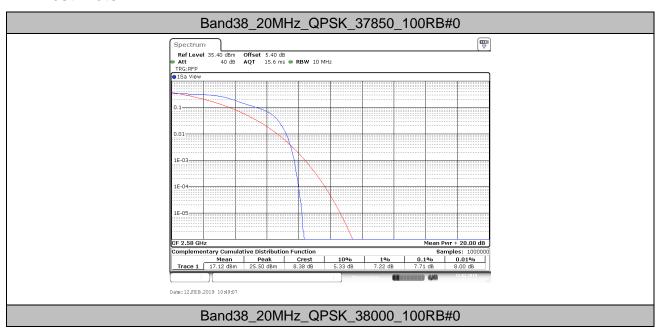
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2. Peak-to-Average Ratio(CCDF)

2.1. Test Result

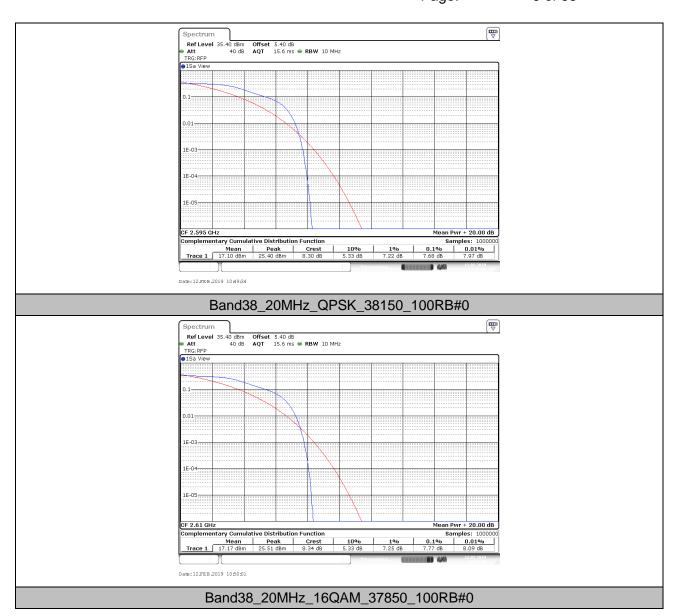
BAND	Bandwidth	Modulation	Channel	RB Configuration	Result(dB)	Limit(dB)	Verdict
Band38	20MHz	QPSK	37850	100RB#0	7.71	13	PASS
Band38	20MHz	QPSK	38000	100RB#0	7.68	13	PASS
Band38	20MHz	QPSK	38150	100RB#0	7.77	13	PASS
Band38	20MHz	16QAM	37850	100RB#0	9.42	13	PASS
Band38	20MHz	16QAM	38000	100RB#0	9.39	13	PASS
Band38	20MHz	16QAM	38150	100RB#0	9.39	13	PASS

2.2. Test Plots





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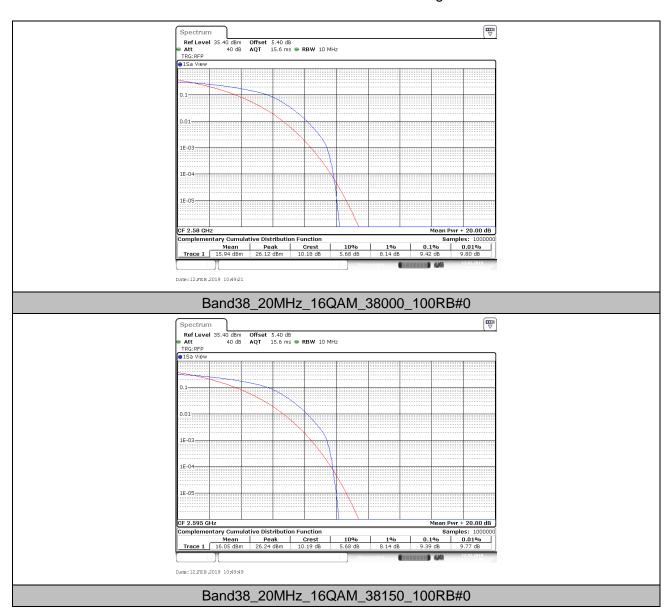


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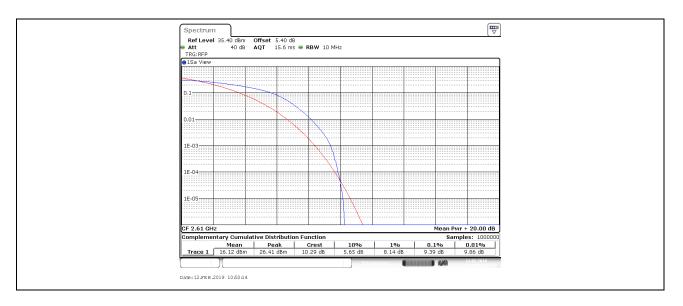
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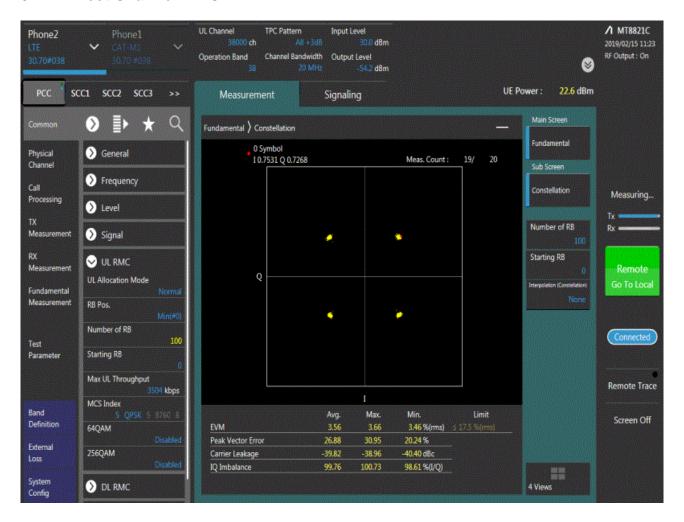
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3. Modulation Characteristics

- 3.1.Test BAND = LTE BAND38
- 3.1.1. Test Mode = LTE /TM1 20MHz
- 3.1.1.1. Test Channel = MCH

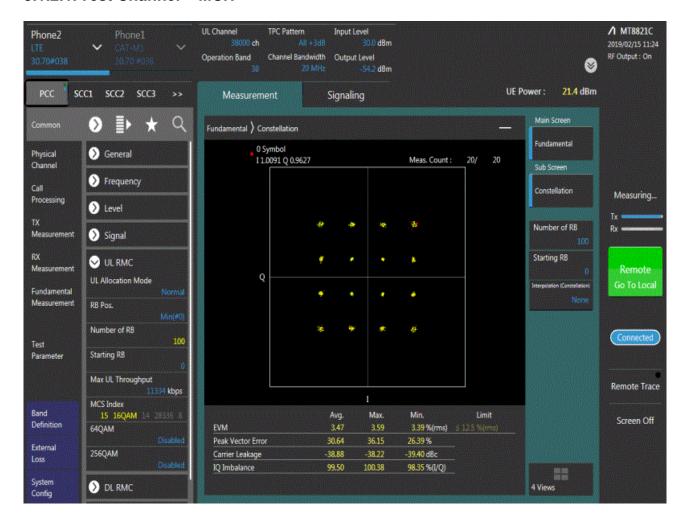




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3.1.2. Test Mode = LTE /TM2 20MHz

3.1.2.1. Test Channel = MCH





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4. 26dB Bandwidth and Occupied Bandwidth

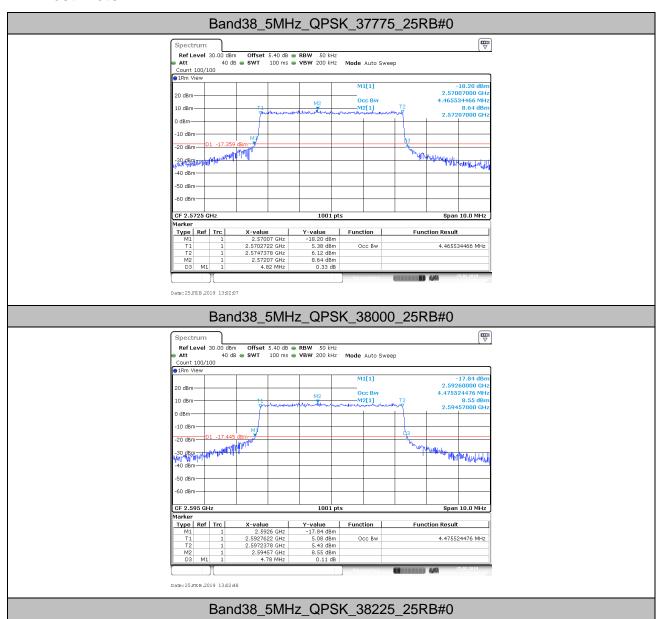
4.1. Test Result

BAND	Bandwidth	Modulation	Channel	RB Configuration	Occupied Bandwidth (MHz)	26dB Bandwidth (MHz)	Verdict
Band38	5MHz	QPSK	37775	25RB#0	4.466	4.820	PASS
Band38	5MHz	QPSK	38000	25RB#0	4.476	4.780	PASS
Band38	5MHz	QPSK	38225	25RB#0	4.466	4.800	PASS
Band38	5MHz	16QAM	37775	25RB#0	4.486	4.850	PASS
Band38	5MHz	16QAM	38000	25RB#0	4.486	4.840	PASS
Band38	5MHz	16QAM	38225	25RB#0	4.486	4.830	PASS
Band38	10MHz	QPSK	37800	50RB#0	8.911	9.460	PASS
Band38	10MHz	QPSK	38000	50RB#0	8.911	9.480	PASS
Band38	10MHz	QPSK	38200	50RB#0	8.911	9.420	PASS
Band38	10MHz	16QAM	37800	50RB#0	8.911	9.360	PASS
Band38	10MHz	16QAM	38000	50RB#0	8.911	9.380	PASS
Band38	10MHz	16QAM	38200	50RB#0	8.911	9.380	PASS
Band38	15MHz	QPSK	37825	75RB#0	13.457	14.370	PASS
Band38	15MHz	QPSK	38000	75RB#0	13.457	14.310	PASS
Band38	15MHz	QPSK	38175	75RB#0	13.457	14.340	PASS
Band38	15MHz	16QAM	37825	75RB#0	13.457	14.310	PASS
Band38	15MHz	16QAM	38000	75RB#0	13.457	14.310	PASS
Band38	15MHz	16QAM	38175	75RB#0	13.457	14.280	PASS
Band38	20MHz	QPSK	37850	100RB#0	17.822	18.840	PASS
Band38	20MHz	QPSK	38000	100RB#0	17.822	18.840	PASS
Band38	20MHz	QPSK	38150	100RB#0	17.822	18.800	PASS
Band38	20MHz	16QAM	37850	100RB#0	17.822	18.800	PASS
Band38	20MHz	16QAM	38000	100RB#0	17.822	18.840	PASS
Band38	20MHz	16QAM	38150	100RB#0	17.822	18.800	PASS



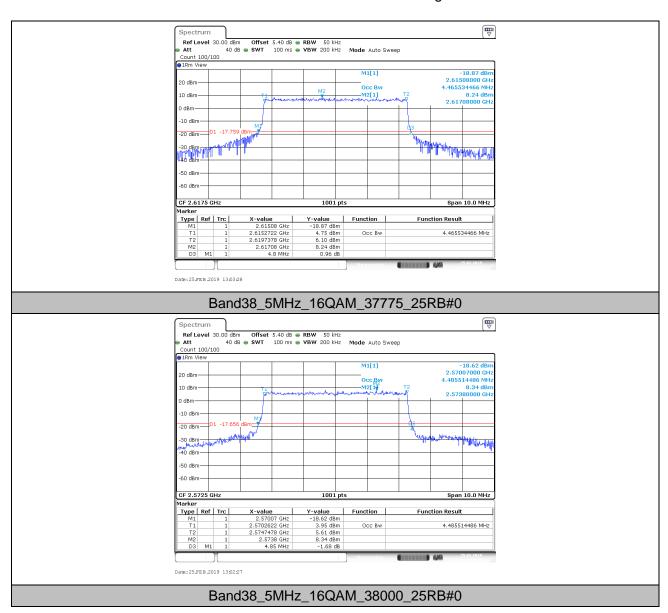
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4.2. Test Plots





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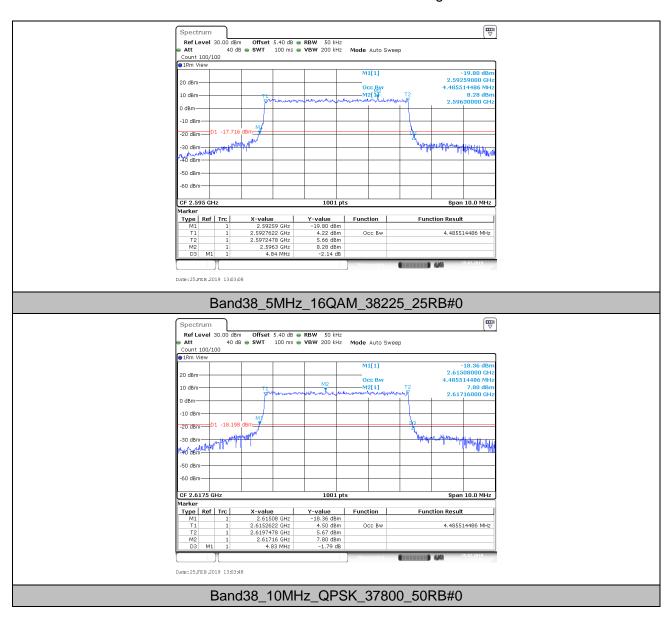


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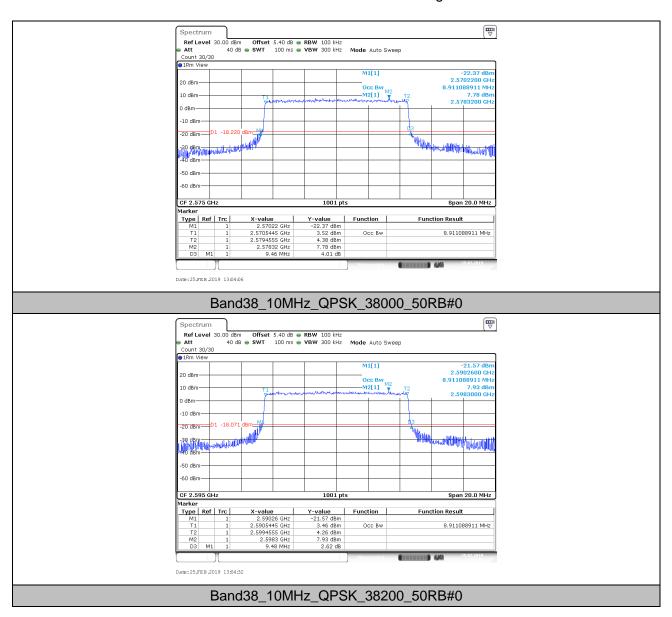
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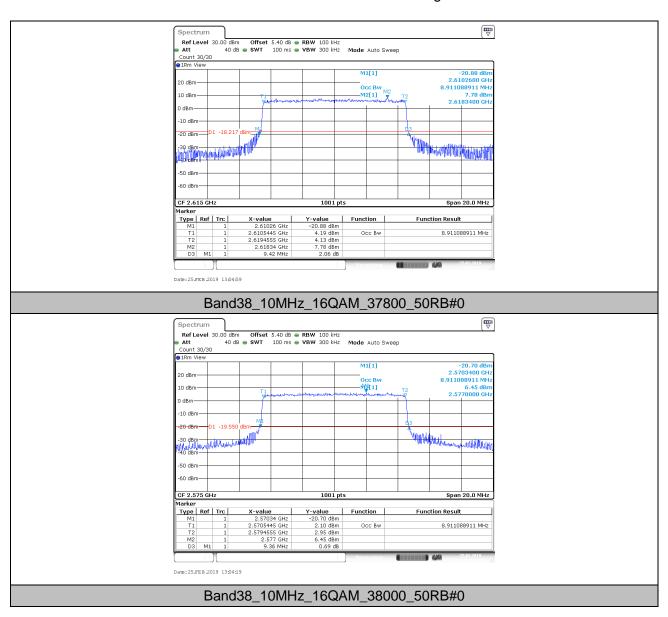


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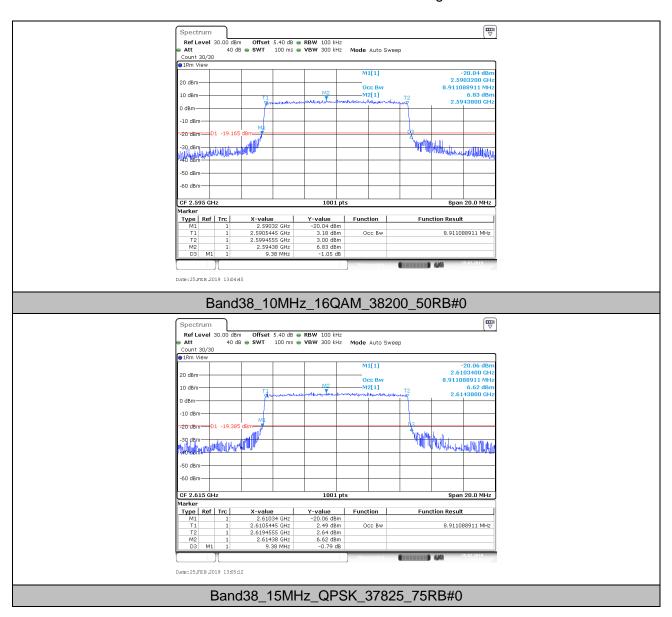


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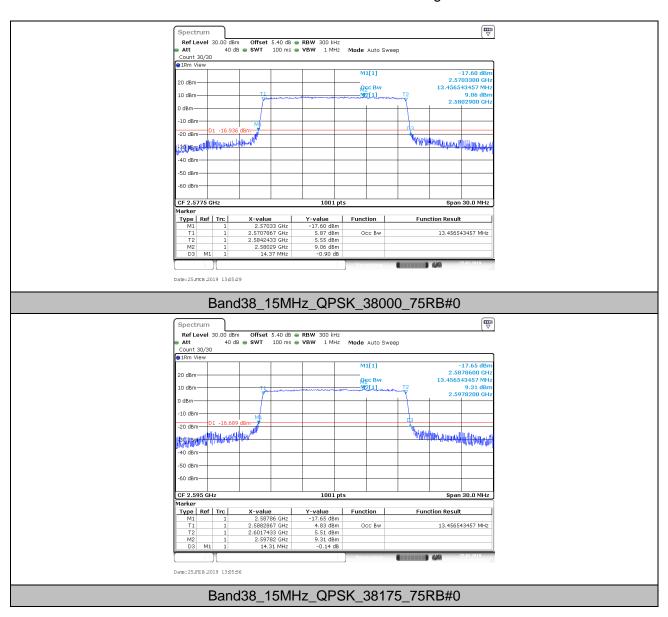


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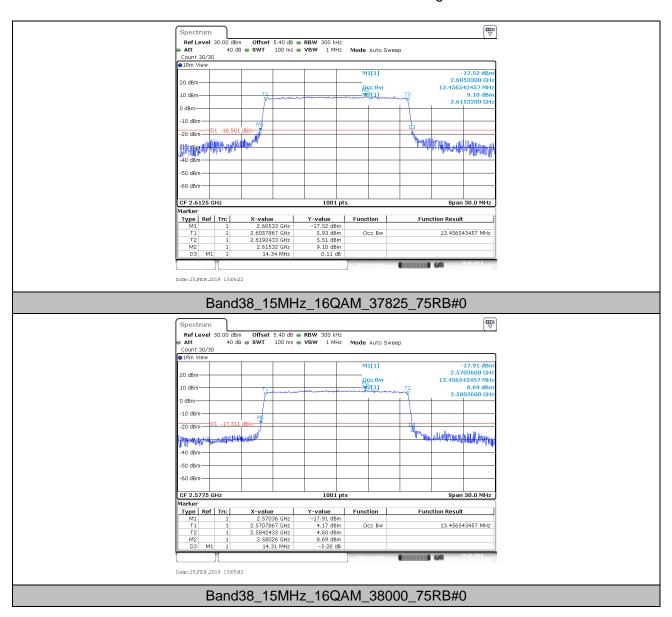


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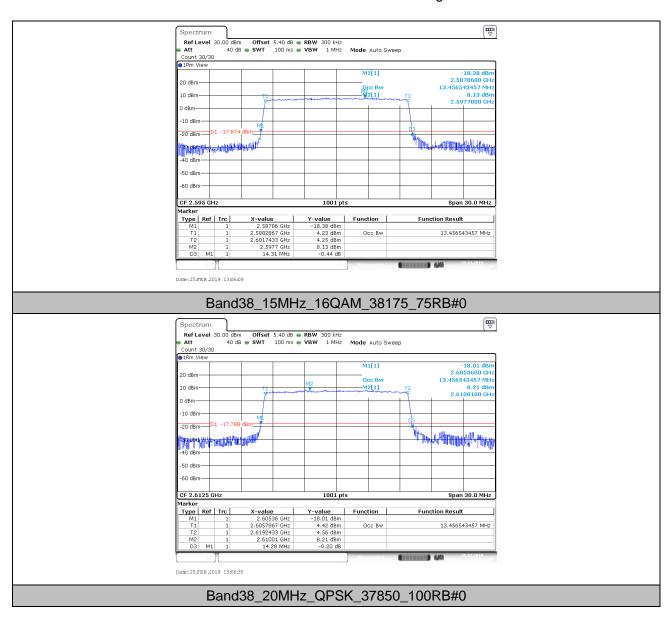


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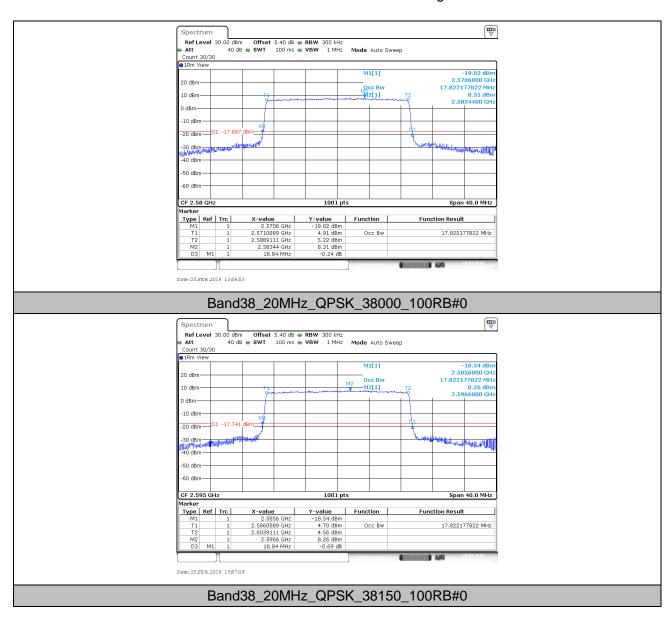


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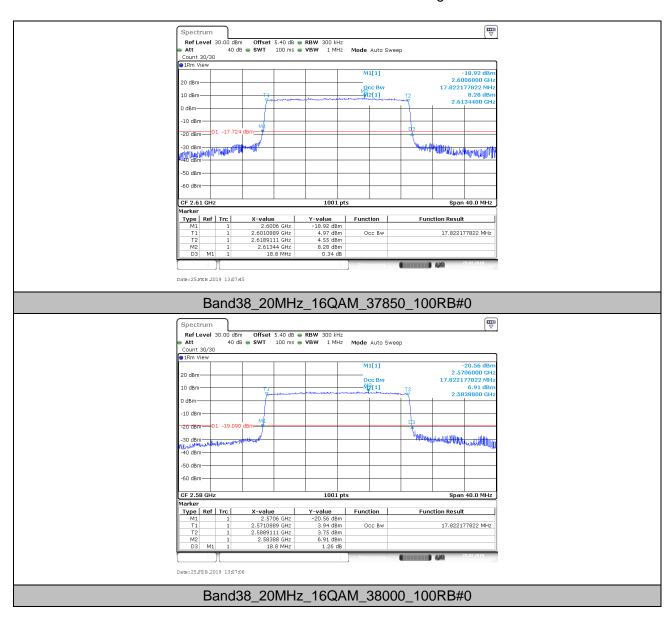


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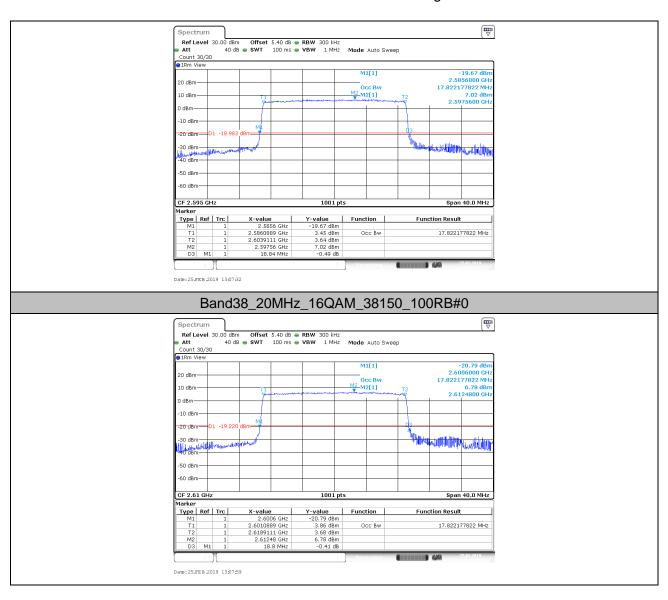


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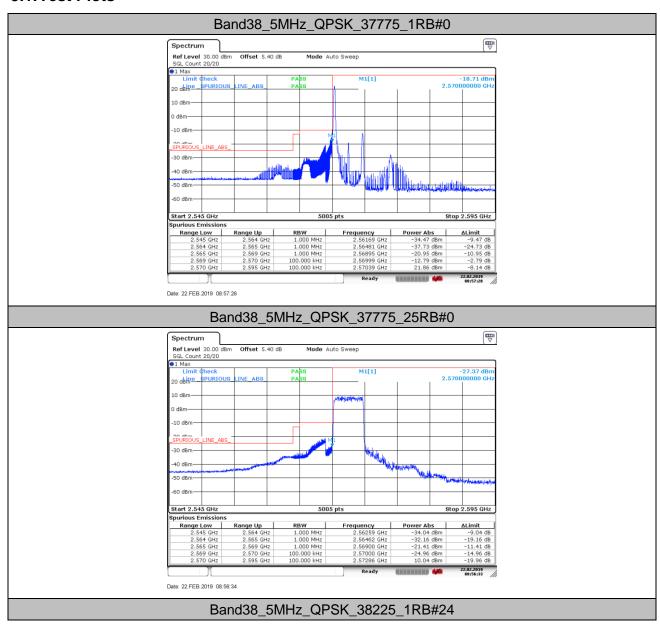




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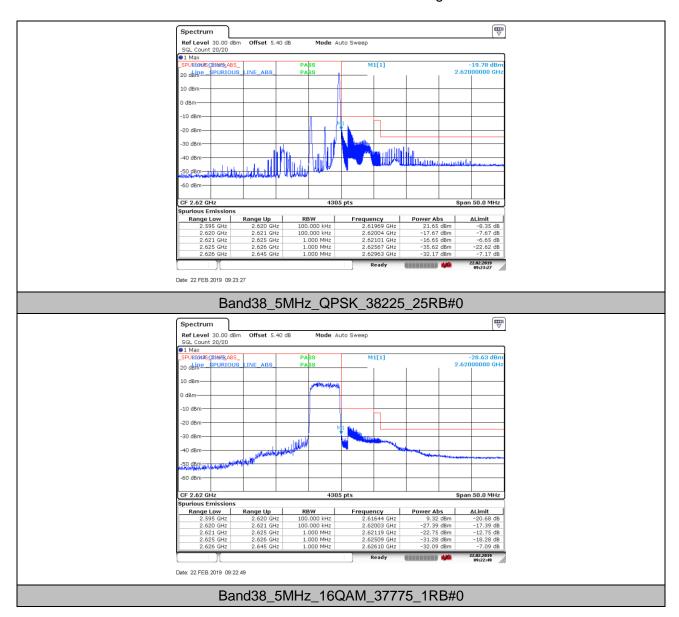
5. Band Edge Compliance

5.1. Test Plots



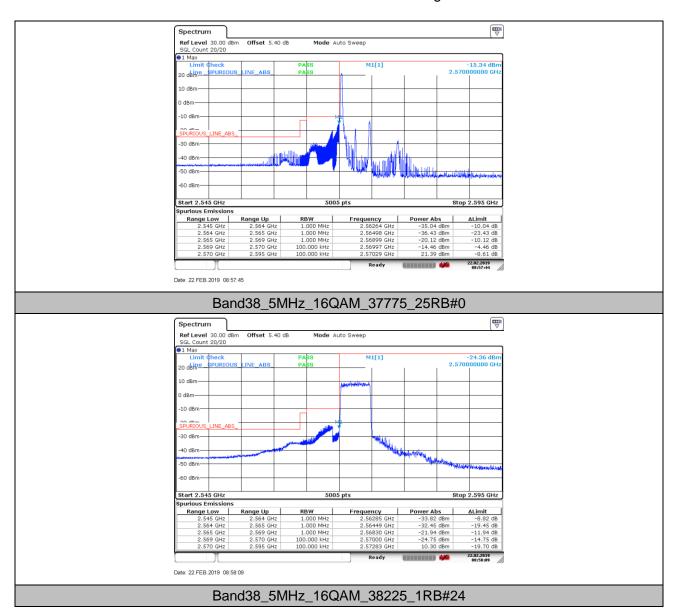


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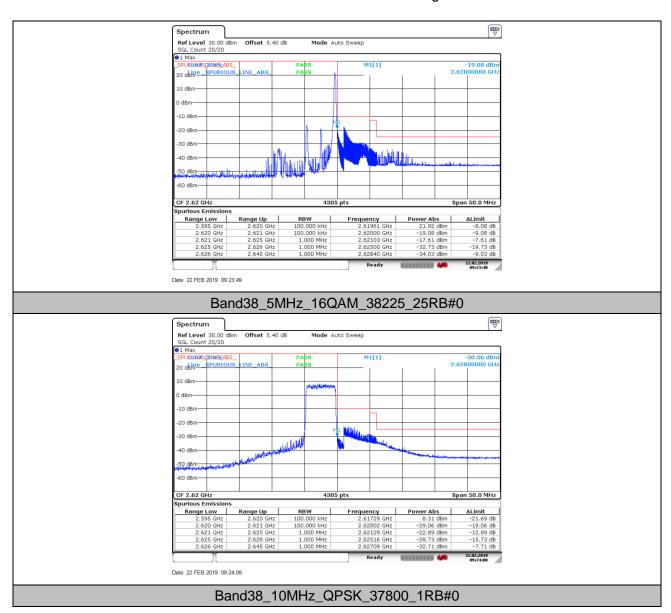


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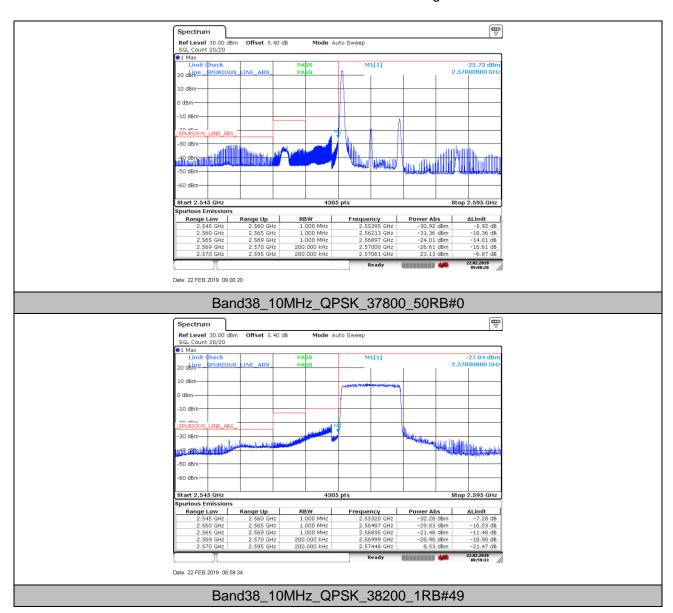


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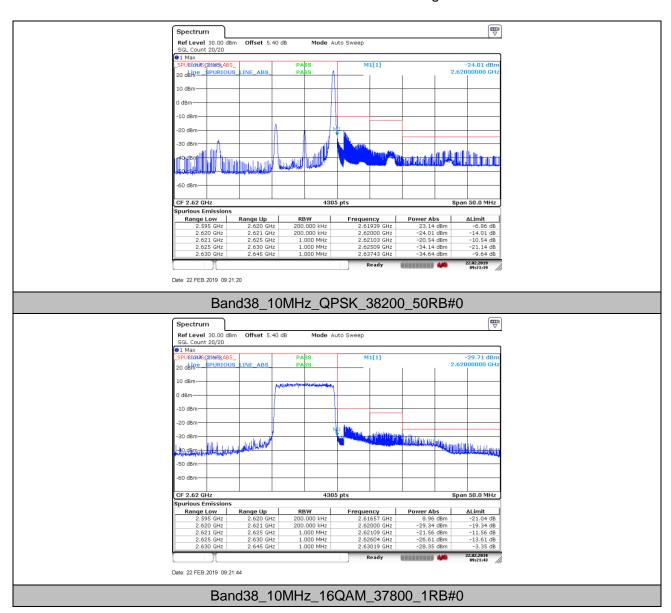


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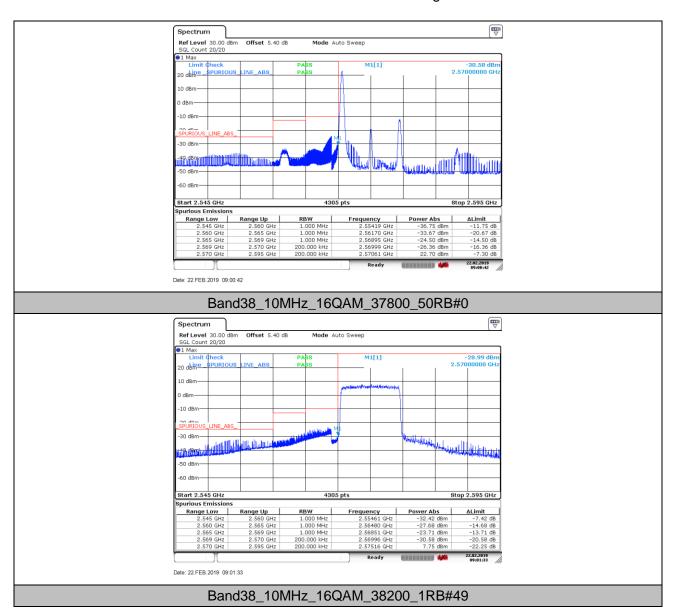


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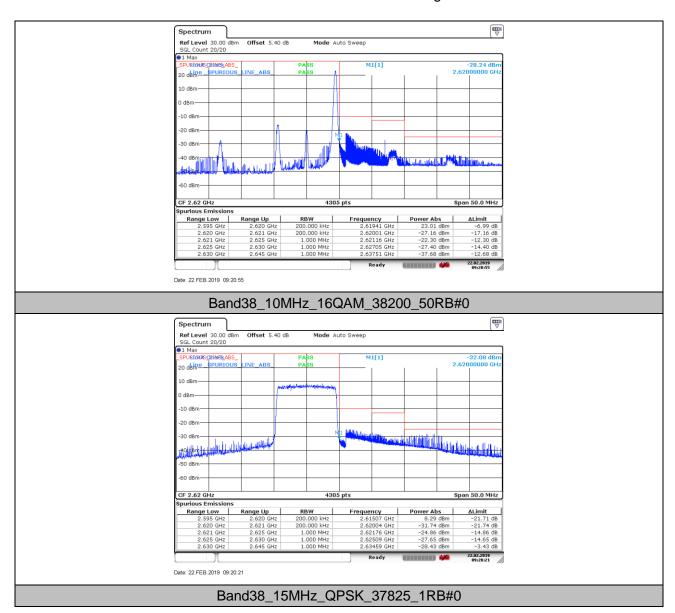


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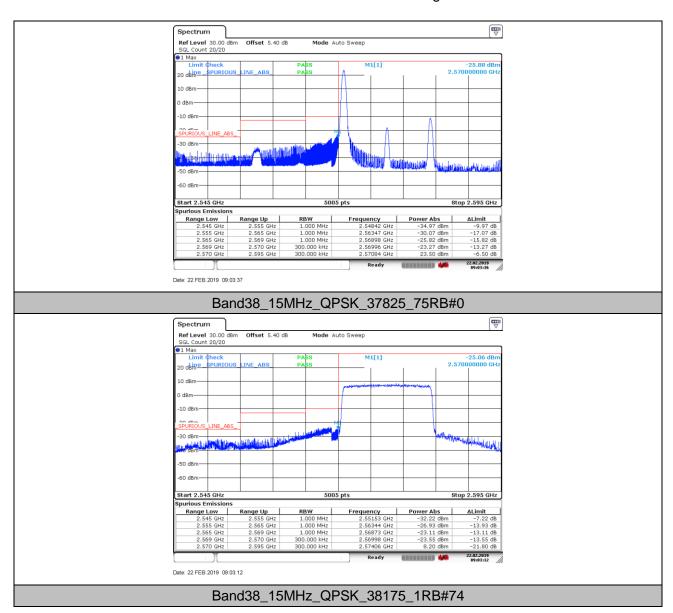
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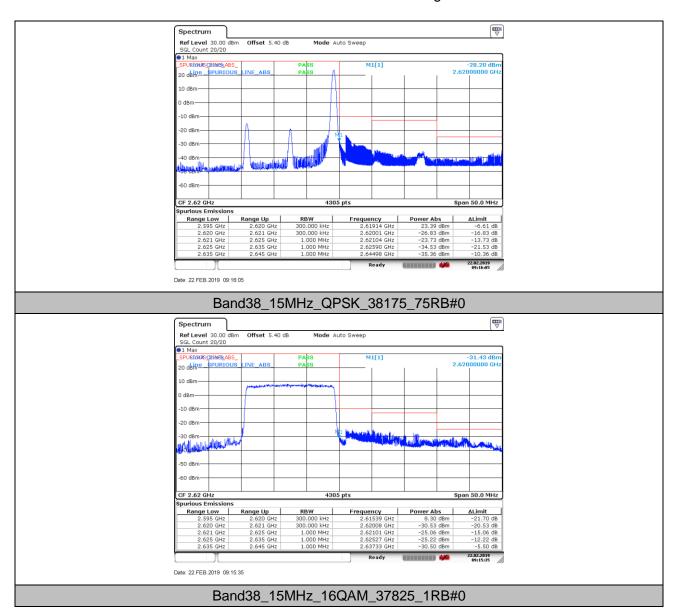


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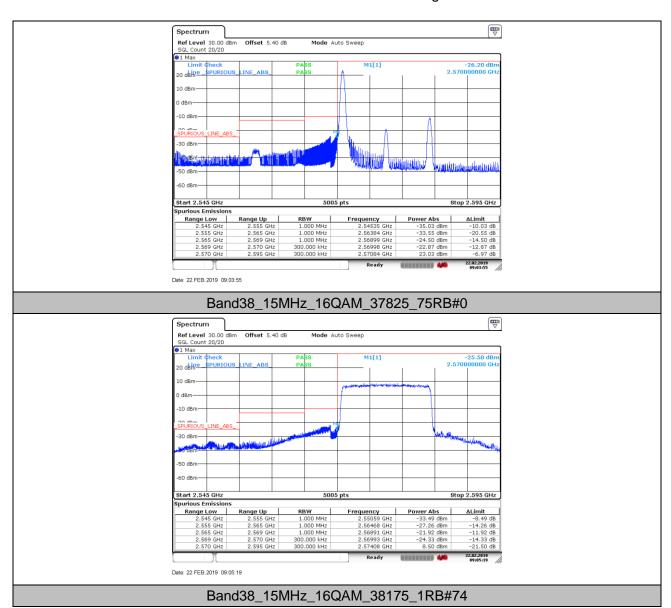


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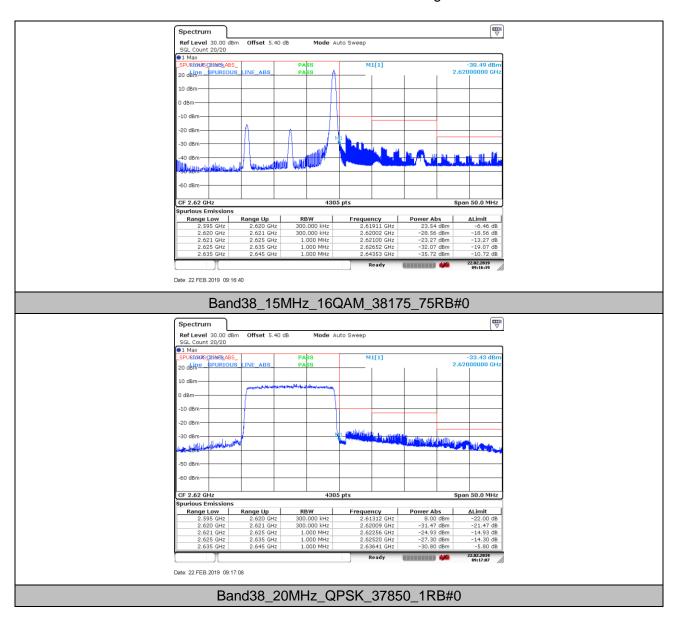
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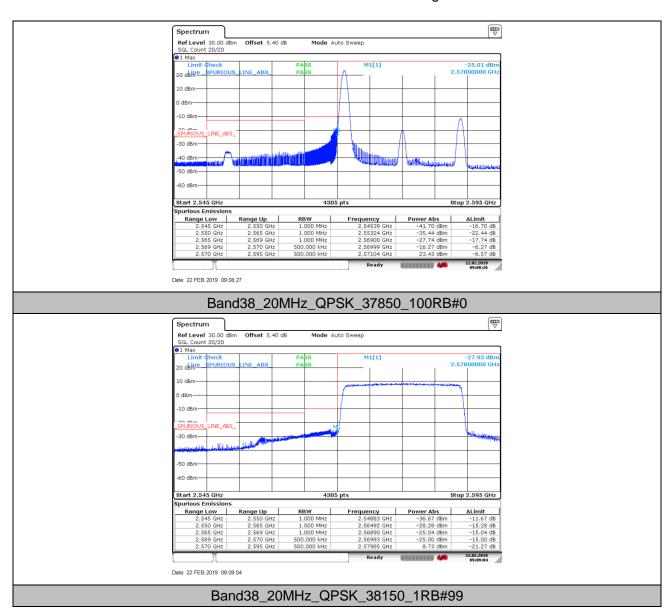


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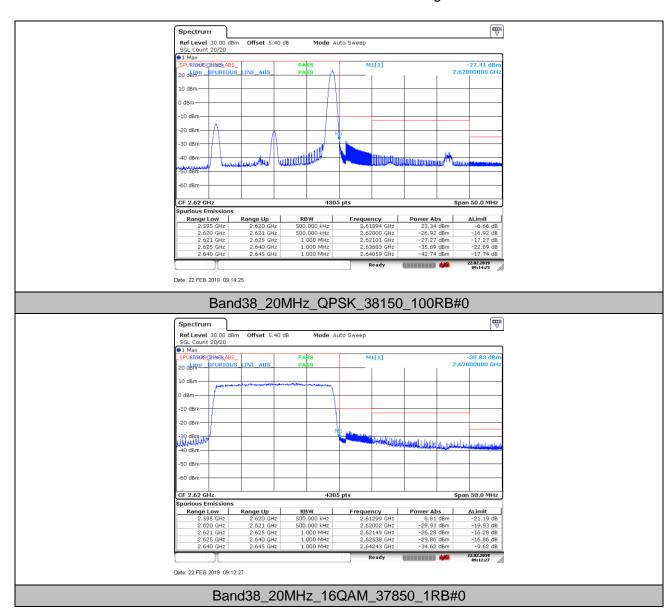
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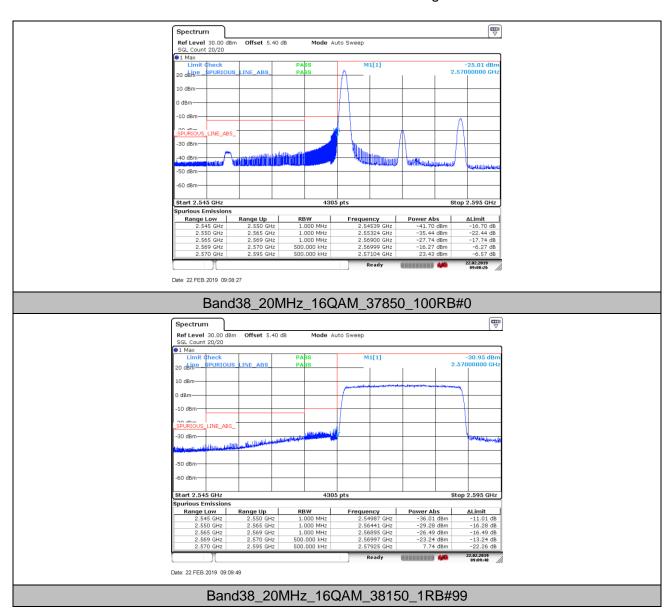
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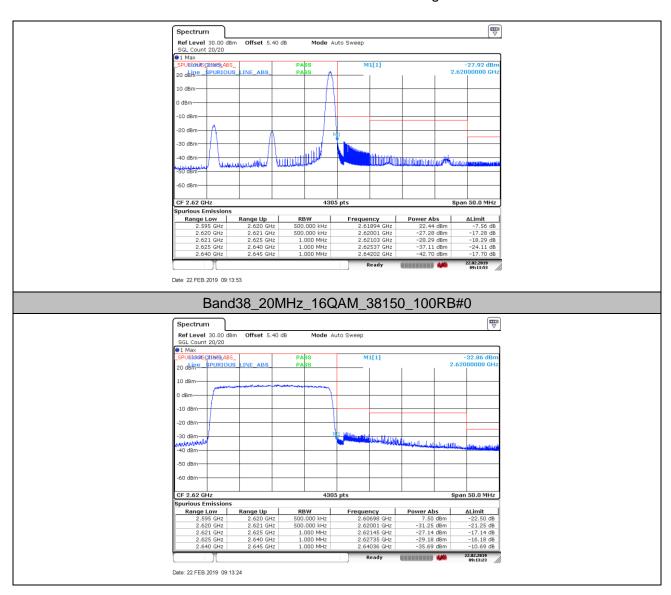
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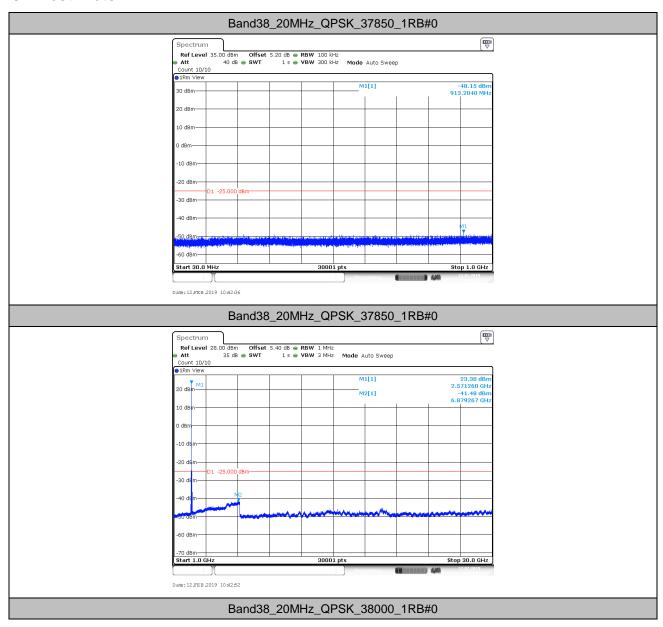
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6. Spurious Emission at Antenna Terminal

REMARK1: For the averaged unwanted emissions measurements, the measurement points in each sweep is greater than twice the Span/RBW in order to ensure bin-to-bin spacing of < RBW/2 so that narrowband signals are not lost between frequency bins. As to the present test item, the "Measurement Points = k * (Span / RBW)" with k = 4 * (Span / RBW) with k = 4 * (Span / RBW).

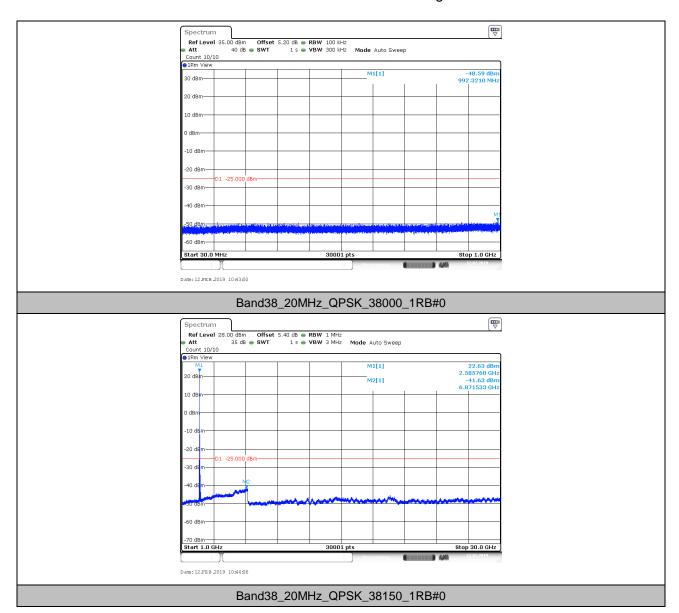
REMARK2: only the worst case data displayed in this report.

6.1. Test Plots



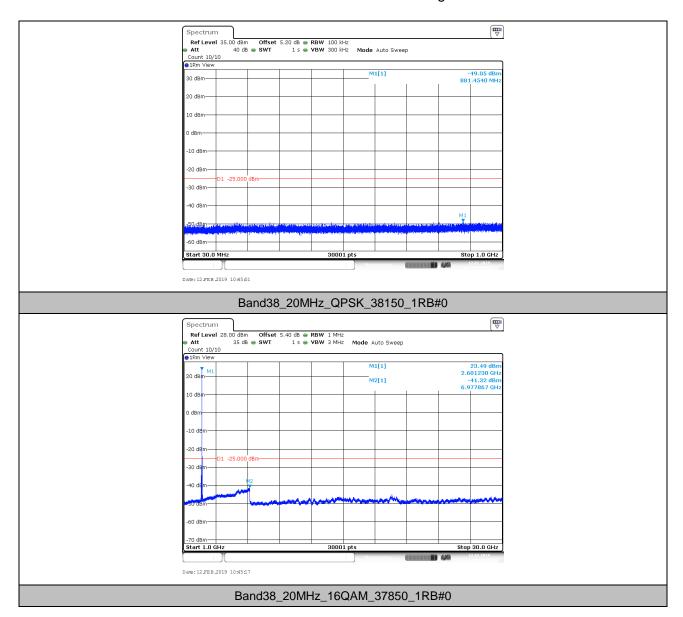


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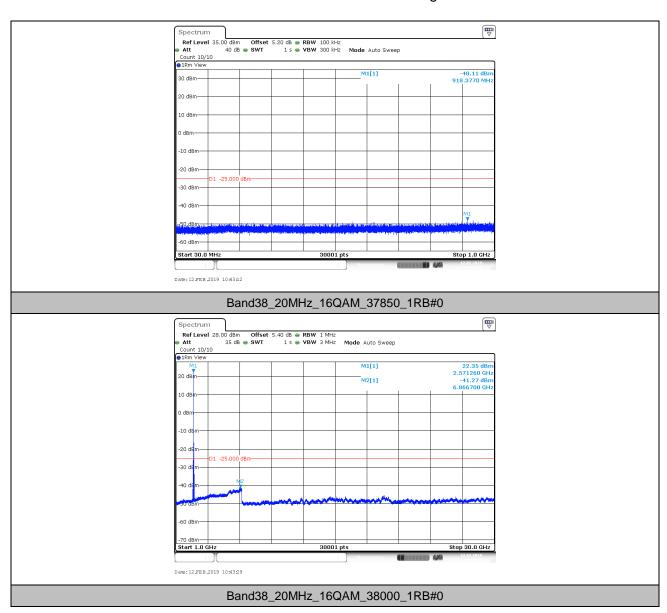


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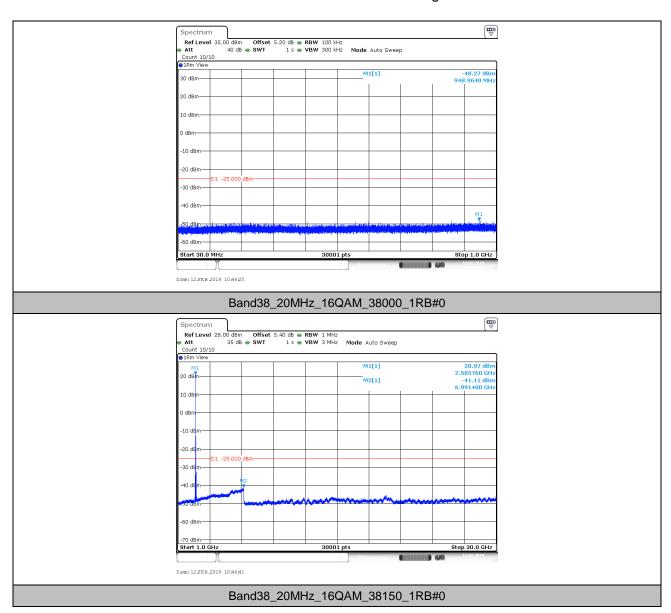


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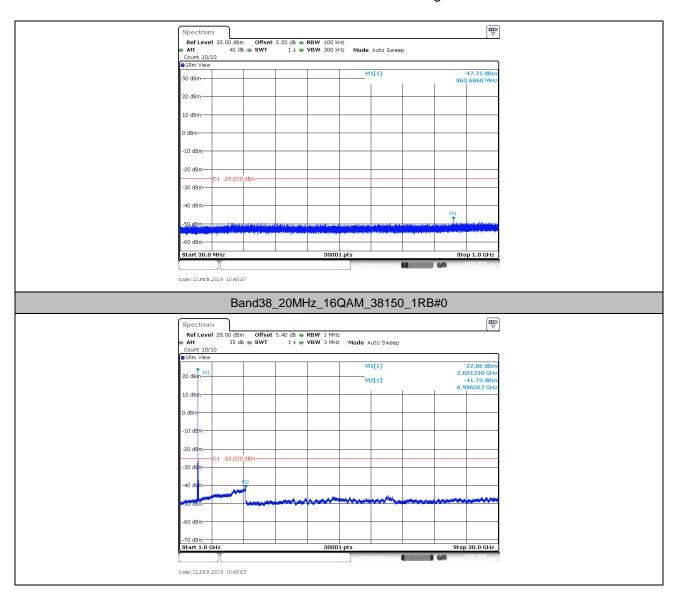
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7. Field Strength of Spurious Radiation

7.1. Test BAND = LTE Band38

7.1.1. Test Mode =LTE/TM1 20MHz

7.1.1.1. Test Channel = LCH

Frequency (MHz)	Level (dBm)	Limit Line (dBm)	Margin (dB)	Polarization
75.5923	-69.79	-25.00	44.79	Vertical
110.5625	-65.48	-25.00	40.48	Vertical
572.7906	-64.71	-25.00	39.71	Vertical
5172.0724	-45.51	-25.00	20.51	Vertical
10344.7448	-35.21	-25.00	10.21	Vertical
17990.9997	-33.49	-25.00	8.49	Vertical
40.9130	-64.00	-25.00	39.00	Horizontal
231.0911	-68.48	-25.00	43.48	Horizontal
642.7311	-63.62	-25.00	38.62	Horizontal
5172.0724	-50.32	-25.00	25.32	Horizontal
10344.7448	-44.32	-25.00	19.32	Horizontal
17994.9998	-37.75	-25.00	12.75	Horizontal

7.1.1.2. Test Channel = MCH

Frequency (MHz)	Level (dBm)	Limit Line (dBm)	Margin (dB)	Polarization	
61.4781	-69.89	-25.00	44.89	Vertical	
114.6367	-65.45	-25.00	40.45	Vertical	
588.2144	-64.79	-25.00	39.79	Vertical	
5142.0714	-44.83	-25.00	19.83	Vertical	
10284.2428	-38.05	-25.00	13.05	Vertical	
17988.4996	-33.15	-25.00	8.15	Vertical	
45.4723	-64.19	-25.00	39.19	Horizontal	
248.8914	-68.42	-25.00	43.42	Horizontal	





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735.5648	-62.58	-25.00	37.58	Horizontal
5142.0714	-52.83	-25.00	27.83	Horizontal
10284.2428	-42.48	-25.00	17.48	Horizontal
16387.4462	-38.51	-25.00	13.51	Horizontal

7.1.1.3. Test Channel = HCH

Frequency (MHz)	Level (dBm)	Limit Line (dBm)	Margin (dB)	Polarization	
68.5109	-68.77	-25.00	43.77	Vertical	
111.6296	-65.32	-25.00	40.32	Vertical	
376.5498	-68.16	-25.00	43.16	Vertical	
5202.0734	-45.24	-25.00	20.24	Vertical	
10404.7468	-34.19	-25.00	9.19	Vertical	
17982.9994	-33.42	-25.00	8.42	Vertical	
38.3909	-64.52	-25.00	39.52	Horizontal	
151.1591	-69.65	-25.00	44.65	Horizontal	
601.0676	-63.27	-25.00	38.27	Horizontal	
5202.0734	-52.39	-25.00	27.39	Horizontal	
10404.2468	-38.37	-25.00	13.37	Horizontal	
17996.9999	-38.08	-25.00	13.08	Horizontal	

7.1.1.4. Spot check worse mode

Frequency (MHz)	Level (dBm)	Limit Line (dBm)	Margin (dB)	Polarization
55.4638	-68.88	-25.00	43.88	Vertical
113.4727	-64.28	-25.00	39.28	Vertical
229.4905	-66.84	-25.00	41.84	Vertical
5172.0724	-46.81	-25.00	21.81	Vertical
10344.2448	-37.23	-25.00	12.23	Vertical
17977.4993	-33.65	-25.00	8.65	Vertical
39.3125	-63.18	-25.00	38.18	Horizontal
150.6255	-66.37	-25.00	41.37	Horizontal



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246.4663	-67.30	-25.00	42.30	Horizontal
5172.0724	-50.09	-25.00	25.09	Horizontal
10344.2448	-47.49	-25.00	22.49	Horizontal
17999.0000	-38.38	-25.00	13.38	Horizontal

REMARK:

- 1) The disturbance above 12.75GHz and 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.
- 2) We have tested all modulation and all Bandwidth , but only the worst case data presented in this report.



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8. Frequency Stability

8.1. Frequency Vs Voltage

				\	Voltage					
BAND	Bandwidth	Modulation	Channel	RB Configure	Voltage [Vdc]	Temperature (°C)	Deviation (Hz)	Deviation (ppm)	Limit (ppm)	Verdict
Band38	20MHz	QPSK	37850	100RB#0	VL	NT	-0.50	-0.000194	±2.5	PASS
Band38	20MHz	QPSK	37850	100RB#0	VN	NT	-3.30	-0.001279	±2.5	PASS
Band38	20MHz	QPSK	37850	100RB#0	VH	NT	-5.00	-0.001938	±2.5	PASS
Band38	20MHz	QPSK	38000	100RB#0	VL	NT	-5.50	-0.002119	±2.5	PASS
Band38	20MHz	QPSK	38000	100RB#0	VN	NT	-0.60	-0.000231	±2.5	PASS
Band38	20MHz	QPSK	38000	100RB#0	VH	NT	-0.40	-0.000154	±2.5	PASS
Band38	20MHz	QPSK	38150	100RB#0	VL	NT	-4.50	-0.001724	±2.5	PASS
Band38	20MHz	QPSK	38150	100RB#0	VN	NT	-1.20	-0.000460	±2.5	PASS
Band38	20MHz	QPSK	38150	100RB#0	VH	NT	-3.80	-0.001456	±2.5	PASS
Band38	20MHz	16QAM	37850	100RB#0	VL	NT	-0.90	-0.000349	±2.5	PASS
Band38	20MHz	16QAM	37850	100RB#0	VN	NT	-3.20	-0.001240	±2.5	PASS
Band38	20MHz	16QAM	37850	100RB#0	VH	NT	1.70	0.000659	±2.5	PASS
Band38	20MHz	16QAM	38000	100RB#0	VL	NT	-2.10	-0.000809	±2.5	PASS
Band38	20MHz	16QAM	38000	100RB#0	VN	NT	-3.70	-0.001426	±2.5	PASS
Band38	20MHz	16QAM	38000	100RB#0	VH	NT	-4.00	-0.001541	±2.5	PASS
Band38	20MHz	16QAM	38150	100RB#0	VL	NT	-6.20	-0.002375	±2.5	PASS
Band38	20MHz	16QAM	38150	100RB#0	VN	NT	-3.20	-0.001226	±2.5	PASS
Band38	20MHz	16QAM	38150	100RB#0	VH	NT	-4.30	-0.001648	±2.5	PASS

8.2. Frequency Vs Temperature

	Temperature									
BAND	Bandwidth	Modulation	Channel	RB Configure	Voltage [Vdc]	Temperature (°C)	Deviation (Hz)	Deviation (ppm)	Limit (ppm)	Verdict
Band38	20MHz	QPSK	37850	100RB#0	NV	-30	-1.20	-0.000465	±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	0	-5.10	-0.001977	±2.5	PASS
Band38	20MHz	QPSK	37850	100RB#0	NV	10	-5.70	-0.002209	±2.5	PASS
Band38	20MHz	QPSK	37850	100RB#0	NV	20	0.20	0.000078	±2.5	PASS
Band38	20MHz	QPSK	37850	100RB#0	NV	30	0.00	0.000000	±2.5	PASS
Band38	20MHz	QPSK	37850	100RB#0	NV	40	-4.50	-0.001744	±2.5	PASS
Band38	20MHz	QPSK	37850	100RB#0	NV	50	-3.20	-0.001240	±2.5	PASS
Band38	20MHz	QPSK	38000	100RB#0	NV	-30	-5.30	-0.002042	±2.5	PASS
Band38	20MHz	QPSK	38000	100RB#0	NV	-20	-7.40	-0.002852	±2.5	PASS
Band38	20MHz	QPSK	38000	100RB#0	NV	0	-5.20	-0.002004	±2.5	PASS
Band38	20MHz	QPSK	38000	100RB#0	NV	10	-5.60	-0.002158	±2.5	PASS
Band38	20MHz	QPSK	38000	100RB#0	NV	20	0.00	0.000000	±2.5	PASS
Band38	20MHz	QPSK	38000	100RB#0	NV	30	-3.00	-0.001156	±2.5	PASS
Band38	20MHz	QPSK	38000	100RB#0	NV	40	-1.60	-0.000617	±2.5	PASS



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Band38	20MHz	QPSK	38000	100RB#0	NV	50	-0.70	-0.000270	±2.5	PASS
Band38	20MHz	QPSK	38150	100RB#0	NV	-30	-1.70	-0.000651	±2.5	PASS
Band38	20MHz	QPSK	38150	100RB#0	NV	-20	-4.90	-0.001877	±2.5	PASS
Band38	20MHz	QPSK	38150	100RB#0	NV	0	-2.00	-0.000766	±2.5	PASS
Band38	20MHz	QPSK	38150	100RB#0	NV	10	-5.30	-0.002031	±2.5	PASS
Band38	20MHz	QPSK	38150	100RB#0	NV	20	-3.60	-0.001379	±2.5	PASS
Band38	20MHz	QPSK	38150	100RB#0	NV	30	-0.80	-0.000307	±2.5	PASS
Band38	20MHz	QPSK	38150	100RB#0	NV	40	0.20	0.000077	±2.5	PASS
Band38	20MHz	QPSK	38150	100RB#0	NV	50	-4.50	-0.001724	±2.5	PASS
Band38	20MHz	16QAM	37850	100RB#0	NV	-30	-4.90	-0.001899	±2.5	PASS
Band38	20MHz	16QAM	37850	100RB#0	NV	-20	-1.10	-0.000426	±2.5	PASS
Band38	20MHz	16QAM	37850	100RB#0	NV	0	-0.70	-0.000271	±2.5	PASS
Band38	20MHz	16QAM	37850	100RB#0	NV	10	-4.20	-0.001628	±2.5	PASS
Band38	20MHz	16QAM	37850	100RB#0	NV	20	-2.30	-0.000891	±2.5	PASS
Band38	20MHz	16QAM	37850	100RB#0	NV	30	-4.80	-0.001860	±2.5	PASS
Band38	20MHz	16QAM	37850	100RB#0	NV	40	-1.80	-0.000698	±2.5	PASS
Band38	20MHz	16QAM	37850	100RB#0	NV	50	-2.80	-0.001085	±2.5	PASS
Band38	20MHz	16QAM	38000	100RB#0	NV	-30	-1.70	-0.000655	±2.5	PASS
Band38	20MHz	16QAM	38000	100RB#0	NV	-20	0.10	0.000039	±2.5	PASS
Band38	20MHz	16QAM	38000	100RB#0	NV	0	-2.70	-0.001040	±2.5	PASS
Band38	20MHz	16QAM	38000	100RB#0	NV	10	-4.10	-0.001580	±2.5	PASS
Band38	20MHz	16QAM	38000	100RB#0	NV	20	-3.80	-0.001464	±2.5	PASS
Band38	20MHz	16QAM	38000	100RB#0	NV	30	-4.80	-0.001850	±2.5	PASS
Band38	20MHz	16QAM	38000	100RB#0	NV	40	-4.40	-0.001696	±2.5	PASS
Band38	20MHz	16QAM	38000	100RB#0	NV	50	-3.00	-0.001156	±2.5	PASS
Band38	20MHz	16QAM	38150	100RB#0	NV	-30	-1.80	-0.000690	±2.5	PASS
Band38	20MHz	16QAM	38150	100RB#0	NV	-20	-5.00	-0.001916	±2.5	PASS
Band38	20MHz	16QAM	38150	100RB#0	NV	0	-5.10	-0.001954	±2.5	PASS
Band38	20MHz	16QAM	38150	100RB#0	NV	10	-1.50	-0.000575	±2.5	PASS
Band38	20MHz	16QAM	38150	100RB#0	NV	20	-3.50	-0.001341	±2.5	PASS
Band38	20MHz	16QAM	38150	100RB#0	NV	30	-2.30	-0.000881	±2.5	PASS
Band38	20MHz	16QAM	38150	100RB#0	NV	40	-7.10	-0.002720	±2.5	PASS
Band38	20MHz	16QAM	38150	100RB#0	NV	50	-3.40	-0.001303	±2.5	PASS

The End



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