

Appendix A:

1 Conducted output power

Band	Bandwidth (MHz)	UL Channel	RB Size	RB Position	Modulation	Power (dBm)	high Limit (dBm)	Verdict
Band2	1.4	18607	1	#0	QPSK	23.36	37	PASS
Band2	1.4	18607	1	#Mid	QPSK	23.38	37	PASS
Band2	1.4	18607	1	#Max	QPSK	23.32	37	PASS
Band2	1.4	18607	3	#0	QPSK	23.32	37	PASS
Band2	1.4	18607	3	#Max	QPSK	23.24	37	PASS
Band2	1.4	18607	6	#0	QPSK	21.67	37	PASS
Band2	1.4	18607	1	#0	QAM16	22.83	37	PASS
Band2	1.4	18607	1	#Mid	QAM16	22.82	37	PASS
Band2	1.4	18607	1	#Max	QAM16	22.83	37	PASS
Band2	1.4	18607	3	#0	QAM16	22.17	37	PASS
Band2	1.4	18607	3	#Max	QAM16	22.20	37	PASS
Band2	1.4	18607	6	#0	QAM16	21.48	37	PASS
Band2	1.4	18900	1	#0	QPSK	22.99	37	PASS
Band2	1.4	18900	1	#Mid	QPSK	23.05	37	PASS
Band2	1.4	18900	1	#Max	QPSK	23.03	37	PASS
Band2	1.4	18900	3	#0	QPSK	23.13	37	PASS
Band2	1.4	18900	3	#Max	QPSK	23.09	37	PASS
Band2	1.4	18900	6	#0	QPSK	21.55	37	PASS
Band2	1.4	18900	1	#0	QAM16	22.59	37	PASS
Band2	1.4	18900	1	#Mid	QAM16	22.60	37	PASS
Band2	1.4	18900	1	#Max	QAM16	22.57	37	PASS
Band2	1.4	18900	3	#0	QAM16	22.03	37	PASS
Band2	1.4	18900	3	#Max	QAM16	22.02	37	PASS
Band2	1.4	18900	6	#0	QAM16	21.16	37	PASS
Band2	1.4	19193	1	#0	QPSK	23.13	37	PASS
Band2	1.4	19193	1	#Mid	QPSK	23.15	37	PASS
Band2	1.4	19193	1	#Max	QPSK	23.11	37	PASS
Band2	1.4	19193	3	#0	QPSK	22.99	37	PASS
Band2	1.4	19193	3	#Max	QPSK	23.01	37	PASS
Band2	1.4	19193	6	#0	QPSK	21.47	37	PASS
Band2	1.4	19193	1	#0	QAM16	22.65	37	PASS
Band2	1.4	19193	1	#Mid	QAM16	22.63	37	PASS
Band2	1.4	19193	1	#Max	QAM16	22.65	37	PASS
Band2	1.4	19193	3	#0	QAM16	21.97	37	PASS
Band2	1.4	19193	3	#Max	QAM16	22.02	37	PASS
Band2	1.4	19193	6	#0	QAM16	21.05	37	PASS
Band2	3	18615	1	#0	QPSK	23.21	37	PASS
Band2	3	18615	1	#Mid	QPSK	23.20	37	PASS
Band2	3	18615	1	#Max	QPSK	23.16	37	PASS
Band2	3	18615	8	#0	QPSK	21.81	37	PASS

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Band2	3	18615	8	#Max	QPSK	21.68	37	PASS
Band2	3	18615	15	#0	QPSK	21.74	37	PASS
Band2	3	18615	1	#0	QAM16	22.33	37	PASS
Band2	3	18615	1	#Mid	QAM16	22.31	37	PASS
Band2	3	18615	1	#Max	QAM16	22.26	37	PASS
Band2	3	18615	8	#0	QAM16	21.52	37	PASS
Band2	3	18615	8	#Max	QAM16	21.44	37	PASS
Band2	3	18615	15	#0	QAM16	21.27	37	PASS
Band2	3	18900	1	#0	QPSK	23.04	37	PASS
Band2	3	18900	1	#Mid	QPSK	23.08	37	PASS
Band2	3	18900	1	#Max	QPSK	23.13	37	PASS
Band2	3	18900	8	#0	QPSK	21.64	37	PASS
Band2	3	18900	8	#Max	QPSK	21.59	37	PASS
Band2	3	18900	15	#0	QPSK	21.60	37	PASS
Band2	3	18900	1	#0	QAM16	22.65	37	PASS
Band2	3	18900	1	#Mid	QAM16	22.65	37	PASS
Band2	3	18900	1	#Max	QAM16	22.69	37	PASS
Band2	3	18900	8	#0	QAM16	21.25	37	PASS
Band2	3	18900	8	#Max	QAM16	21.01	37	PASS
Band2	3	18900	15	#0	QAM16	21.15	37	PASS
Band2	3	19185	1	#0	QPSK	22.91	37	PASS
Band2	3	19185	1	#Mid	QPSK	23.04	37	PASS
Band2	3	19185	1	#Max	QPSK	23.11	37	PASS
Band2	3	19185	8	#0	QPSK	21.51	37	PASS
Band2	3	19185	8	#Max	QPSK	21.53	37	PASS
Band2	3	19185	15	#0	QPSK	21.49	37	PASS
Band2	3	19185	1	#0	QAM16	21.72	37	PASS
Band2	3	19185	1	#Mid	QAM16	21.69	37	PASS
Band2	3	19185	1	#Max	QAM16	21.75	37	PASS
Band2	3	19185	8	#0	QAM16	21.22	37	PASS
Band2	3	19185	8	#Max	QAM16	21.08	37	PASS
Band2	3	19185	15	#0	QAM16	20.85	37	PASS
Band2	5	18625	1	#0	QPSK	23.22	37	PASS
Band2	5	18625	1	#Mid	QPSK	23.16	37	PASS
Band2	5	18625	1	#Max	QPSK	23.10	37	PASS
Band2	5	18625	12	#0	QPSK	21.80	37	PASS
Band2	5	18625	12	#Max	QPSK	21.61	37	PASS
Band2	5	18625	25	#0	QPSK	21.70	37	PASS
Band2	5	18625	1	#0	QAM16	22.24	37	PASS
Band2	5	18625	1	#Mid	QAM16	22.17	37	PASS
Band2	5	18625	1	#Max	QAM16	22.19	37	PASS
Band2	5	18625	12	#0	QAM16	21.27	37	PASS
Band2	5	18625	12	#Max	QAM16	21.20	37	PASS
Band2	5	18625	25	#0	QAM16	21.25	37	PASS

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Band2	5	18900	1	#0	QPSK	23.01	37	PASS
Band2	5	18900	1	#Mid	QPSK	23.06	37	PASS
Band2	5	18900	1	#Max	QPSK	23.07	37	PASS
Band2	5	18900	12	#0	QPSK	21.63	37	PASS
Band2	5	18900	12	#Max	QPSK	21.57	37	PASS
Band2	5	18900	25	#0	QPSK	21.61	37	PASS
Band2	5	18900	1	#0	QAM16	21.82	37	PASS
Band2	5	18900	1	#Mid	QAM16	21.87	37	PASS
Band2	5	18900	1	#Max	QAM16	21.88	37	PASS
Band2	5	18900	12	#0	QAM16	21.13	37	PASS
Band2	5	18900	12	#Max	QAM16	20.95	37	PASS
Band2	5	18900	25	#0	QAM16	21.23	37	PASS
Band2	5	19175	1	#0	QPSK	23.18	37	PASS
Band2	5	19175	1	#Mid	QPSK	23.08	37	PASS
Band2	5	19175	1	#Max	QPSK	23.13	37	PASS
Band2	5	19175	12	#0	QPSK	21.46	37	PASS
Band2	5	19175	12	#Max	QPSK	21.57	37	PASS
Band2	5	19175	25	#0	QPSK	21.55	37	PASS
Band2	5	19175	1	#0	QAM16	22.21	37	PASS
Band2	5	19175	1	#Mid	QAM16	22.16	37	PASS
Band2	5	19175	1	#Max	QAM16	22.24	37	PASS
Band2	5	19175	12	#0	QAM16	21.03	37	PASS
Band2	5	19175	12	#Max	QAM16	20.90	37	PASS
Band2	5	19175	25	#0	QAM16	21.10	37	PASS
Band2	10	18650	1	#0	QPSK	23.21	37	PASS
Band2	10	18650	1	#Mid	QPSK	23.10	37	PASS
Band2	10	18650	1	#Max	QPSK	23.05	37	PASS
Band2	10	18650	25	#0	QPSK	21.74	37	PASS
Band2	10	18650	25	#Max	QPSK	21.71	37	PASS
Band2	10	18650	50	#0	QPSK	21.70	37	PASS
Band2	10	18650	1	#0	QAM16	22.25	37	PASS
Band2	10	18650	1	#Mid	QAM16	22.15	37	PASS
Band2	10	18650	1	#Max	QAM16	22.04	37	PASS
Band2	10	18650	25	#0	QAM16	21.30	37	PASS
Band2	10	18650	25	#Max	QAM16	21.10	37	PASS
Band2	10	18650	50	#0	QAM16	21.32	37	PASS
Band2	10	18900	1	#0	QPSK	23.11	37	PASS
Band2	10	18900	1	#Mid	QPSK	23.05	37	PASS
Band2	10	18900	1	#Max	QPSK	23.11	37	PASS
Band2	10	18900	25	#0	QPSK	21.46	37	PASS
Band2	10	18900	25	#Max	QPSK	21.72	37	PASS
Band2	10	18900	50	#0	QPSK	21.58	37	PASS
Band2	10	18900	1	#0	QAM16	22.41	37	PASS
Band2	10	18900	1	#Mid	QAM16	22.33	37	PASS

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Band2	10	18900	1	#Max	QAM16	22.46	37	PASS
Band2	10	18900	25	#0	QAM16	21.10	37	PASS
Band2	10	18900	25	#Max	QAM16	21.30	37	PASS
Band2	10	18900	50	#0	QAM16	21.20	37	PASS
Band2	10	19150	1	#0	QPSK	23.20	37	PASS
Band2	10	19150	1	#Mid	QPSK	23.13	37	PASS
Band2	10	19150	1	#Max	QPSK	23.12	37	PASS
Band2	10	19150	25	#0	QPSK	21.53	37	PASS
Band2	10	19150	25	#Max	QPSK	21.48	37	PASS
Band2	10	19150	50	#0	QPSK	21.51	37	PASS
Band2	10	19150	1	#0	QAM16	21.52	37	PASS
Band2	10	19150	1	#Mid	QAM16	21.47	37	PASS
Band2	10	19150	1	#Max	QAM16	21.47	37	PASS
Band2	10	19150	25	#0	QAM16	21.02	37	PASS
Band2	10	19150	25	#Max	QAM16	21.12	37	PASS
Band2	10	19150	50	#0	QAM16	21.14	37	PASS
Band2	15	18675	1	#0	QPSK	23.22	37	PASS
Band2	15	18675	1	#Mid	QPSK	23.07	37	PASS
Band2	15	18675	1	#Max	QPSK	22.98	37	PASS
Band2	15	18675	36	#0	QPSK	21.79	37	PASS
Band2	15	18675	36	#Max	QPSK	21.59	37	PASS
Band2	15	18675	75	#0	QPSK	21.58	37	PASS
Band2	15	18675	1	#0	QAM16	22.23	37	PASS
Band2	15	18675	1	#Mid	QAM16	22.12	37	PASS
Band2	15	18675	1	#Max	QAM16	21.98	37	PASS
Band2	15	18675	36	#0	QAM16	21.31	37	PASS
Band2	15	18675	36	#Max	QAM16	21.22	37	PASS
Band2	15	18675	75	#0	QAM16	21.09	37	PASS
Band2	15	18900	1	#0	QPSK	23.08	37	PASS
Band2	15	18900	1	#Mid	QPSK	23.05	37	PASS
Band2	15	18900	1	#Max	QPSK	23.07	37	PASS
Band2	15	18900	36	#0	QPSK	21.55	37	PASS
Band2	15	18900	36	#Max	QPSK	21.59	37	PASS
Band2	15	18900	75	#0	QPSK	21.57	37	PASS
Band2	15	18900	1	#0	QAM16	22.40	37	PASS
Band2	15	18900	1	#Mid	QAM16	22.39	37	PASS
Band2	15	18900	1	#Max	QAM16	22.46	37	PASS
Band2	15	18900	36	#0	QAM16	20.97	37	PASS
Band2	15	18900	36	#Max	QAM16	21.23	37	PASS
Band2	15	18900	75	#0	QAM16	21.20	37	PASS
Band2	15	19125	1	#0	QPSK	23.20	37	PASS
Band2	15	19125	1	#Mid	QPSK	23.17	37	PASS
Band2	15	19125	1	#Max	QPSK	23.11	37	PASS
Band2	15	19125	36	#0	QPSK	21.69	37	PASS

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Band2	15	19125	36	#Max	QPSK	21.48	37	PASS
Band2	15	19125	75	#0	QPSK	21.58	37	PASS
Band2	15	19125	1	#0	QAM16	22.24	37	PASS
Band2	15	19125	1	#Mid	QAM16	22.13	37	PASS
Band2	15	19125	1	#Max	QAM16	22.11	37	PASS
Band2	15	19125	36	#0	QAM16	21.17	37	PASS
Band2	15	19125	36	#Max	QAM16	21.11	37	PASS
Band2	15	19125	75	#0	QAM16	21.08	37	PASS
Band2	20	18700	1	#0	QPSK	23.39	37	PASS
Band2	20	18700	1	#Mid	QPSK	23.20	37	PASS
Band2	20	18700	1	#Max	QPSK	23.18	37	PASS
Band2	20	18700	50	#0	QPSK	21.60	37	PASS
Band2	20	18700	50	#Max	QPSK	21.46	37	PASS
Band2	20	18700	100	#0	QPSK	21.53	37	PASS
Band2	20	18700	1	#0	QAM16	22.37	37	PASS
Band2	20	18700	1	#Mid	QAM16	22.22	37	PASS
Band2	20	18700	1	#Max	QAM16	22.22	37	PASS
Band2	20	18700	50	#0	QAM16	21.34	37	PASS
Band2	20	18700	50	#Max	QAM16	21.00	37	PASS
Band2	20	18700	100	#0	QAM16	21.16	37	PASS
Band2	20	18900	1	#0	QPSK	23.21	37	PASS
Band2	20	18900	1	#Mid	QPSK	23.18	37	PASS
Band2	20	18900	1	#Max	QPSK	23.32	37	PASS
Band2	20	18900	50	#0	QPSK	21.67	37	PASS
Band2	20	18900	50	#Max	QPSK	21.69	37	PASS
Band2	20	18900	100	#0	QPSK	21.63	37	PASS
Band2	20	18900	1	#0	QAM16	21.81	37	PASS
Band2	20	18900	1	#Mid	QAM16	21.80	37	PASS
Band2	20	18900	1	#Max	QAM16	21.89	37	PASS
Band2	20	18900	50	#0	QAM16	20.97	37	PASS
Band2	20	18900	50	#Max	QAM16	21.12	37	PASS
Band2	20	18900	100	#0	QAM16	21.19	37	PASS
Band2	20	19100	1	#0	QPSK	23.37	37	PASS
Band2	20	19100	1	#Mid	QPSK	23.32	37	PASS
Band2	20	19100	1	#Max	QPSK	23.24	37	PASS
Band2	20	19100	50	#0	QPSK	21.69	37	PASS
Band2	20	19100	50	#Max	QPSK	21.61	37	PASS
Band2	20	19100	100	#0	QPSK	21.57	37	PASS
Band2	20	19100	1	#0	QAM16	22.28	37	PASS
Band2	20	19100	1	#Mid	QAM16	22.24	37	PASS
Band2	20	19100	1	#Max	QAM16	22.15	37	PASS
Band2	20	19100	50	#0	QAM16	21.23	37	PASS
Band2	20	19100	50	#Max	QAM16	21.13	37	PASS
Band2	20	19100	100	#0	QAM16	21.21	37	PASS

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Band38	5	37775	1	#0	QPSK	21.98	37	PASS
Band38	5	37775	1	#Mid	QPSK	22.09	37	PASS
Band38	5	37775	1	#Max	QPSK	22.04	37	PASS
Band38	5	37775	12	#0	QPSK	20.60	37	PASS
Band38	5	37775	12	#Max	QPSK	20.62	37	PASS
Band38	5	37775	25	#0	QPSK	20.54	37	PASS
Band38	5	37775	1	#0	QAM16	21.18	37	PASS
Band38	5	37775	1	#Mid	QAM16	21.35	37	PASS
Band38	5	37775	1	#Max	QAM16	21.36	37	PASS
Band38	5	37775	12	#0	QAM16	19.91	37	PASS
Band38	5	37775	12	#Max	QAM16	19.93	37	PASS
Band38	5	37775	25	#0	QAM16	20.25	37	PASS
Band38	5	38000	1	#0	QPSK	22.28	37	PASS
Band38	5	38000	1	#Mid	QPSK	22.26	37	PASS
Band38	5	38000	1	#Max	QPSK	22.19	37	PASS
Band38	5	38000	12	#0	QPSK	21.07	37	PASS
Band38	5	38000	12	#Max	QPSK	21.03	37	PASS
Band38	5	38000	25	#0	QPSK	20.93	37	PASS
Band38	5	38000	1	#0	QAM16	21.25	37	PASS
Band38	5	38000	1	#Mid	QAM16	21.53	37	PASS
Band38	5	38000	1	#Max	QAM16	21.34	37	PASS
Band38	5	38000	12	#0	QAM16	20.64	37	PASS
Band38	5	38000	12	#Max	QAM16	20.64	37	PASS
Band38	5	38000	25	#0	QAM16	20.46	37	PASS
Band38	5	38225	1	#0	QPSK	22.56	37	PASS
Band38	5	38225	1	#Mid	QPSK	22.68	37	PASS
Band38	5	38225	1	#Max	QPSK	22.76	37	PASS
Band38	5	38225	12	#0	QPSK	21.18	37	PASS
Band38	5	38225	12	#Max	QPSK	21.20	37	PASS
Band38	5	38225	25	#0	QPSK	21.06	37	PASS
Band38	5	38225	1	#0	QAM16	21.80	37	PASS
Band38	5	38225	1	#Mid	QAM16	22.27	37	PASS
Band38	5	38225	1	#Max	QAM16	21.95	37	PASS
Band38	5	38225	12	#0	QAM16	20.75	37	PASS
Band38	5	38225	12	#Max	QAM16	20.74	37	PASS
Band38	5	38225	25	#0	QAM16	20.83	37	PASS
Band38	10	37800	1	#0	QPSK	21.85	37	PASS
Band38	10	37800	1	#Mid	QPSK	22.09	37	PASS
Band38	10	37800	1	#Max	QPSK	22.18	37	PASS
Band38	10	37800	25	#0	QPSK	20.35	37	PASS
Band38	10	37800	25	#Max	QPSK	20.66	37	PASS
Band38	10	37800	50	#0	QPSK	20.53	37	PASS
Band38	10	37800	1	#0	QAM16	20.85	37	PASS
Band38	10	37800	1	#Mid	QAM16	20.96	37	PASS

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Band38	10	37800	1	#Max	QAM16	21.18	37	PASS
Band38	10	37800	25	#0	QAM16	20.09	37	PASS
Band38	10	37800	25	#Max	QAM16	20.28	37	PASS
Band38	10	37800	50	#0	QAM16	20.20	37	PASS
Band38	10	38000	1	#0	QPSK	22.43	37	PASS
Band38	10	38000	1	#Mid	QPSK	22.46	37	PASS
Band38	10	38000	1	#Max	QPSK	22.52	37	PASS
Band38	10	38000	25	#0	QPSK	20.88	37	PASS
Band38	10	38000	25	#Max	QPSK	20.91	37	PASS
Band38	10	38000	50	#0	QPSK	20.84	37	PASS
Band38	10	38000	1	#0	QAM16	21.89	37	PASS
Band38	10	38000	1	#Mid	QAM16	22.23	37	PASS
Band38	10	38000	1	#Max	QAM16	22.14	37	PASS
Band38	10	38000	25	#0	QAM16	20.59	37	PASS
Band38	10	38000	25	#Max	QAM16	20.49	37	PASS
Band38	10	38000	50	#0	QAM16	20.50	37	PASS
Band38	10	38200	1	#0	QPSK	22.39	37	PASS
Band38	10	38200	1	#Mid	QPSK	22.45	37	PASS
Band38	10	38200	1	#Max	QPSK	22.72	37	PASS
Band38	10	38200	25	#0	QPSK	20.97	37	PASS
Band38	10	38200	25	#Max	QPSK	21.04	37	PASS
Band38	10	38200	50	#0	QPSK	20.95	37	PASS
Band38	10	38200	1	#0	QAM16	21.27	37	PASS
Band38	10	38200	1	#Mid	QAM16	21.61	37	PASS
Band38	10	38200	1	#Max	QAM16	21.74	37	PASS
Band38	10	38200	25	#0	QAM16	20.61	37	PASS
Band38	10	38200	25	#Max	QAM16	20.80	37	PASS
Band38	10	38200	50	#0	QAM16	20.60	37	PASS
Band38	15	37825	1	#0	QPSK	21.87	37	PASS
Band38	15	37825	1	#Mid	QPSK	22.12	37	PASS
Band38	15	37825	1	#Max	QPSK	22.37	37	PASS
Band38	15	37825	36	#0	QPSK	20.53	37	PASS
Band38	15	37825	36	#Max	QPSK	20.81	37	PASS
Band38	15	37825	75	#0	QPSK	20.60	37	PASS
Band38	15	37825	1	#0	QAM16	21.00	37	PASS
Band38	15	37825	1	#Mid	QAM16	21.19	37	PASS
Band38	15	37825	1	#Max	QAM16	21.43	37	PASS
Band38	15	37825	36	#0	QAM16	20.10	37	PASS
Band38	15	37825	36	#Max	QAM16	20.32	37	PASS
Band38	15	37825	75	#0	QAM16	20.45	37	PASS
Band38	15	38000	1	#0	QPSK	22.50	37	PASS
Band38	15	38000	1	#Mid	QPSK	22.51	37	PASS
Band38	15	38000	1	#Max	QPSK	22.35	37	PASS
Band38	15	38000	36	#0	QPSK	20.86	37	PASS

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Band38	15	38000	36	#Max	QPSK	20.94	37	PASS
Band38	15	38000	75	#0	QPSK	20.84	37	PASS
Band38	15	38000	1	#0	QAM16	21.85	37	PASS
Band38	15	38000	1	#Mid	QAM16	22.03	37	PASS
Band38	15	38000	1	#Max	QAM16	22.22	37	PASS
Band38	15	38000	36	#0	QAM16	20.55	37	PASS
Band38	15	38000	36	#Max	QAM16	20.62	37	PASS
Band38	15	38000	75	#0	QAM16	20.51	37	PASS
Band38	15	38175	1	#0	QPSK	22.29	37	PASS
Band38	15	38175	1	#Mid	QPSK	22.42	37	PASS
Band38	15	38175	1	#Max	QPSK	22.57	37	PASS
Band38	15	38175	36	#0	QPSK	20.90	37	PASS
Band38	15	38175	36	#Max	QPSK	20.92	37	PASS
Band38	15	38175	75	#0	QPSK	20.94	37	PASS
Band38	15	38175	1	#0	QAM16	21.43	37	PASS
Band38	15	38175	1	#Mid	QAM16	21.50	37	PASS
Band38	15	38175	1	#Max	QAM16	21.63	37	PASS
Band38	15	38175	36	#0	QAM16	20.45	37	PASS
Band38	15	38175	36	#Max	QAM16	20.56	37	PASS
Band38	15	38175	75	#0	QAM16	20.61	37	PASS
Band38	20	37850	1	#0	QPSK	21.79	37	PASS
Band38	20	37850	1	#Mid	QPSK	22.12	37	PASS
Band38	20	37850	1	#Max	QPSK	22.34	37	PASS
Band38	20	37850	50	#0	QPSK	20.61	37	PASS
Band38	20	37850	50	#Max	QPSK	20.95	37	PASS
Band38	20	37850	100	#0	QPSK	20.72	37	PASS
Band38	20	37850	1	#0	QAM16	21.01	37	PASS
Band38	20	37850	1	#Mid	QAM16	21.28	37	PASS
Band38	20	37850	1	#Max	QAM16	21.82	37	PASS
Band38	20	37850	50	#0	QAM16	20.41	37	PASS
Band38	20	37850	50	#Max	QAM16	20.64	37	PASS
Band38	20	37850	100	#0	QAM16	20.39	37	PASS
Band38	20	38000	1	#0	QPSK	22.43	37	PASS
Band38	20	38000	1	#Mid	QPSK	22.55	37	PASS
Band38	20	38000	1	#Max	QPSK	22.52	37	PASS
Band38	20	38000	50	#0	QPSK	21.01	37	PASS
Band38	20	38000	50	#Max	QPSK	20.98	37	PASS
Band38	20	38000	100	#0	QPSK	21.03	37	PASS
Band38	20	38000	1	#0	QAM16	21.11	37	PASS
Band38	20	38000	1	#Mid	QAM16	21.17	37	PASS
Band38	20	38000	1	#Max	QAM16	21.03	37	PASS
Band38	20	38000	50	#0	QAM16	20.55	37	PASS
Band38	20	38000	50	#Max	QAM16	20.64	37	PASS
Band38	20	38000	100	#0	QAM16	20.56	37	PASS

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Band38	20	38150	1	#0	QPSK	22.49	37	PASS
Band38	20	38150	1	#Mid	QPSK	22.55	37	PASS
Band38	20	38150	1	#Max	QPSK	22.75	37	PASS
Band38	20	38150	50	#0	QPSK	20.91	37	PASS
Band38	20	38150	50	#Max	QPSK	21.15	37	PASS
Band38	20	38150	100	#0	QPSK	20.96	37	PASS
Band38	20	38150	1	#0	QAM16	21.59	37	PASS
Band38	20	38150	1	#Mid	QAM16	21.45	37	PASS
Band38	20	38150	1	#Max	QAM16	21.83	37	PASS
Band38	20	38150	50	#0	QAM16	20.59	37	PASS
Band38	20	38150	50	#Max	QAM16	20.73	37	PASS
Band38	20	38150	100	#0	QAM16	20.60	37	PASS
Band40a	5	38725	1	#0	QPSK	20.11	37	PASS
Band40a	5	38725	1	#Mid	QPSK	20.25	37	PASS
Band40a	5	38725	1	#Max	QPSK	20.30	37	PASS
Band40a	5	38725	12	#0	QPSK	19.45	37	PASS
Band40a	5	38725	12	#Max	QPSK	19.52	37	PASS
Band40a	5	38725	25	#0	QPSK	19.47	37	PASS
Band40a	5	38725	1	#0	QAM16	19.34	37	PASS
Band40a	5	38725	1	#Mid	QAM16	19.46	37	PASS
Band40a	5	38725	1	#Max	QAM16	19.02	37	PASS
Band40a	5	38725	12	#0	QAM16	18.39	37	PASS
Band40a	5	38725	12	#Max	QAM16	18.35	37	PASS
Band40a	5	38725	25	#0	QAM16	18.64	37	PASS
Band40a	5	38750	1	#0	QPSK	20.21	37	PASS
Band40a	5	38750	1	#Mid	QPSK	20.17	37	PASS
Band40a	5	38750	1	#Max	QPSK	20.40	37	PASS
Band40a	5	38750	12	#0	QPSK	19.49	37	PASS
Band40a	5	38750	12	#Max	QPSK	19.64	37	PASS
Band40a	5	38750	25	#0	QPSK	19.58	37	PASS
Band40a	5	38750	1	#0	QAM16	20.03	37	PASS
Band40a	5	38750	1	#Mid	QAM16	20.14	37	PASS
Band40a	5	38750	1	#Max	QAM16	19.96	37	PASS
Band40a	5	38750	12	#0	QAM16	18.30	37	PASS
Band40a	5	38750	12	#Max	QAM16	18.33	37	PASS
Band40a	5	38750	25	#0	QAM16	18.46	37	PASS
Band40a	5	38775	1	#0	QPSK	20.37	37	PASS
Band40a	5	38775	1	#Mid	QPSK	20.47	37	PASS
Band40a	5	38775	1	#Max	QPSK	20.43	37	PASS
Band40a	5	38775	12	#0	QPSK	19.59	37	PASS
Band40a	5	38775	12	#Max	QPSK	19.57	37	PASS
Band40a	5	38775	25	#0	QPSK	19.69	37	PASS
Band40a	5	38775	1	#0	QAM16	19.50	37	PASS
Band40a	5	38775	1	#Mid	QAM16	19.94	37	PASS

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Band40a	5	38775	1	#Max	QAM16	20.00	37	PASS
Band40a	5	38775	12	#0	QAM16	18.53	37	PASS
Band40a	5	38775	12	#Max	QAM16	18.46	37	PASS
Band40a	5	38775	25	#0	QAM16	18.52	37	PASS
Band40a	10	38750	1	#0	QPSK	20.37	37	PASS
Band40a	10	38750	1	#Mid	QPSK	20.43	37	PASS
Band40a	10	38750	1	#Max	QPSK	20.57	37	PASS
Band40a	10	38750	25	#0	QPSK	19.55	37	PASS
Band40a	10	38750	25	#Max	QPSK	19.66	37	PASS
Band40a	10	38750	50	#0	QPSK	19.49	37	PASS
Band40a	10	38750	1	#0	QAM16	19.55	37	PASS
Band40a	10	38750	1	#Mid	QAM16	19.76	37	PASS
Band40a	10	38750	1	#Max	QAM16	19.69	37	PASS
Band40a	10	38750	25	#0	QAM16	18.54	37	PASS
Band40a	10	38750	25	#Max	QAM16	18.52	37	PASS
Band40a	10	38750	50	#0	QAM16	18.74	37	PASS
Band41(2555-2655)	5	40265	1	#0	QPSK	22.45	37	PASS
Band41(2555-2655)	5	40265	1	#Mid	QPSK	22.53	37	PASS
Band41(2555-2655)	5	40265	1	#Max	QPSK	22.39	37	PASS
Band41(2555-2655)	5	40265	12	#0	QPSK	21.02	37	PASS
Band41(2555-2655)	5	40265	12	#Max	QPSK	20.98	37	PASS
Band41(2555-2655)	5	40265	25	#0	QPSK	20.91	37	PASS
Band41(2555-2655)	5	40265	1	#0	QAM16	21.69	37	PASS
Band41(2555-2655)	5	40265	1	#Mid	QAM16	21.85	37	PASS
Band41(2555-2655)	5	40265	1	#Max	QAM16	21.65	37	PASS
Band41(2555-2655)	5	40265	12	#0	QAM16	20.31	37	PASS
Band41(2555-2655)	5	40265	12	#Max	QAM16	20.43	37	PASS
Band41(2555-2655)	5	40265	25	#0	QAM16	20.54	37	PASS
Band41(2555-2655)	5	40740	1	#0	QPSK	22.54	37	PASS
Band41(2555-2655)	5	40740	1	#Mid	QPSK	22.52	37	PASS
Band41(2555-2655)	5	40740	1	#Max	QPSK	22.56	37	PASS
Band41(2555-2655)	5	40740	12	#0	QPSK	21.17	37	PASS
Band41(2555-2655)	5	40740	12	#Max	QPSK	21.13	37	PASS
Band41(2555-2655)	5	40740	25	#0	QPSK	21.16	37	PASS
Band41(2555-2655)	5	40740	1	#0	QAM16	21.63	37	PASS
Band41(2555-2655)	5	40740	1	#Mid	QAM16	21.74	37	PASS
Band41(2555-2655)	5	40740	1	#Max	QAM16	21.56	37	PASS
Band41(2555-2655)	5	40740	12	#0	QAM16	20.87	37	PASS
Band41(2555-2655)	5	40740	12	#Max	QAM16	20.85	37	PASS
Band41(2555-2655)	5	40740	25	#0	QAM16	20.67	37	PASS
Band41(2555-2655)	5	41215	1	#0	QPSK	23.24	37	PASS
Band41(2555-2655)	5	41215	1	#Mid	QPSK	23.22	37	PASS
Band41(2555-2655)	5	41215	1	#Max	QPSK	23.33	37	PASS
Band41(2555-2655)	5	41215	12	#0	QPSK	21.76	37	PASS

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Band41(2555-2655)	5	41215	12	#Max	QPSK	21.63	37	PASS
Band41(2555-2655)	5	41215	25	#0	QPSK	21.70	37	PASS
Band41(2555-2655)	5	41215	1	#0	QAM16	22.75	37	PASS
Band41(2555-2655)	5	41215	1	#Mid	QAM16	22.80	37	PASS
Band41(2555-2655)	5	41215	1	#Max	QAM16	22.35	37	PASS
Band41(2555-2655)	5	41215	12	#0	QAM16	21.28	37	PASS
Band41(2555-2655)	5	41215	12	#Max	QAM16	21.26	37	PASS
Band41(2555-2655)	5	41215	25	#0	QAM16	21.26	37	PASS
Band41(2555-2655)	10	40290	1	#0	QPSK	22.46	37	PASS
Band41(2555-2655)	10	40290	1	#Mid	QPSK	22.36	37	PASS
Band41(2555-2655)	10	40290	1	#Max	QPSK	22.42	37	PASS
Band41(2555-2655)	10	40290	25	#0	QPSK	20.77	37	PASS
Band41(2555-2655)	10	40290	25	#Max	QPSK	20.70	37	PASS
Band41(2555-2655)	10	40290	50	#0	QPSK	20.74	37	PASS
Band41(2555-2655)	10	40290	1	#0	QAM16	21.90	37	PASS
Band41(2555-2655)	10	40290	1	#Mid	QAM16	22.23	37	PASS
Band41(2555-2655)	10	40290	1	#Max	QAM16	22.15	37	PASS
Band41(2555-2655)	10	40290	25	#0	QAM16	20.43	37	PASS
Band41(2555-2655)	10	40290	25	#Max	QAM16	20.35	37	PASS
Band41(2555-2655)	10	40290	50	#0	QAM16	20.38	37	PASS
Band41(2555-2655)	10	40740	1	#0	QPSK	22.65	37	PASS
Band41(2555-2655)	10	40740	1	#Mid	QPSK	22.67	37	PASS
Band41(2555-2655)	10	40740	1	#Max	QPSK	22.68	37	PASS
Band41(2555-2655)	10	40740	25	#0	QPSK	21.06	37	PASS
Band41(2555-2655)	10	40740	25	#Max	QPSK	21.18	37	PASS
Band41(2555-2655)	10	40740	50	#0	QPSK	21.09	37	PASS
Band41(2555-2655)	10	40740	1	#0	QAM16	21.58	37	PASS
Band41(2555-2655)	10	40740	1	#Mid	QAM16	21.88	37	PASS
Band41(2555-2655)	10	40740	1	#Max	QAM16	22.06	37	PASS
Band41(2555-2655)	10	40740	25	#0	QAM16	20.70	37	PASS
Band41(2555-2655)	10	40740	25	#Max	QAM16	20.78	37	PASS
Band41(2555-2655)	10	40740	50	#0	QAM16	20.59	37	PASS
Band41(2555-2655)	10	41190	1	#0	QPSK	23.10	37	PASS
Band41(2555-2655)	10	41190	1	#Mid	QPSK	23.14	37	PASS
Band41(2555-2655)	10	41190	1	#Max	QPSK	23.11	37	PASS
Band41(2555-2655)	10	41190	25	#0	QPSK	21.52	37	PASS
Band41(2555-2655)	10	41190	25	#Max	QPSK	21.51	37	PASS
Band41(2555-2655)	10	41190	50	#0	QPSK	21.51	37	PASS
Band41(2555-2655)	10	41190	1	#0	QAM16	22.00	37	PASS
Band41(2555-2655)	10	41190	1	#Mid	QAM16	22.14	37	PASS
Band41(2555-2655)	10	41190	1	#Max	QAM16	22.17	37	PASS
Band41(2555-2655)	10	41190	25	#0	QAM16	21.09	37	PASS
Band41(2555-2655)	10	41190	25	#Max	QAM16	21.07	37	PASS
Band41(2555-2655)	10	41190	50	#0	QAM16	21.17	37	PASS

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Band41(2555-2655)	15	40315	1	#0	QPSK	22.59	37	PASS
Band41(2555-2655)	15	40315	1	#Mid	QPSK	22.50	37	PASS
Band41(2555-2655)	15	40315	1	#Max	QPSK	22.46	37	PASS
Band41(2555-2655)	15	40315	36	#0	QPSK	20.80	37	PASS
Band41(2555-2655)	15	40315	36	#Max	QPSK	20.81	37	PASS
Band41(2555-2655)	15	40315	75	#0	QPSK	20.84	37	PASS
Band41(2555-2655)	15	40315	1	#0	QAM16	21.34	37	PASS
Band41(2555-2655)	15	40315	1	#Mid	QAM16	21.31	37	PASS
Band41(2555-2655)	15	40315	1	#Max	QAM16	21.19	37	PASS
Band41(2555-2655)	15	40315	36	#0	QAM16	20.26	37	PASS
Band41(2555-2655)	15	40315	36	#Max	QAM16	20.26	37	PASS
Band41(2555-2655)	15	40315	75	#0	QAM16	20.43	37	PASS
Band41(2555-2655)	15	40740	1	#0	QPSK	22.81	37	PASS
Band41(2555-2655)	15	40740	1	#Mid	QPSK	22.70	37	PASS
Band41(2555-2655)	15	40740	1	#Max	QPSK	22.76	37	PASS
Band41(2555-2655)	15	40740	36	#0	QPSK	21.16	37	PASS
Band41(2555-2655)	15	40740	36	#Max	QPSK	21.13	37	PASS
Band41(2555-2655)	15	40740	75	#0	QPSK	21.15	37	PASS
Band41(2555-2655)	15	40740	1	#0	QAM16	22.12	37	PASS
Band41(2555-2655)	15	40740	1	#Mid	QAM16	22.29	37	PASS
Band41(2555-2655)	15	40740	1	#Max	QAM16	22.09	37	PASS
Band41(2555-2655)	15	40740	36	#0	QAM16	20.82	37	PASS
Band41(2555-2655)	15	40740	36	#Max	QAM16	20.79	37	PASS
Band41(2555-2655)	15	40740	75	#0	QAM16	20.82	37	PASS
Band41(2555-2655)	15	41165	1	#0	QPSK	22.90	37	PASS
Band41(2555-2655)	15	41165	1	#Mid	QPSK	22.92	37	PASS
Band41(2555-2655)	15	41165	1	#Max	QPSK	22.93	37	PASS
Band41(2555-2655)	15	41165	36	#0	QPSK	21.53	37	PASS
Band41(2555-2655)	15	41165	36	#Max	QPSK	21.58	37	PASS
Band41(2555-2655)	15	41165	75	#0	QPSK	21.52	37	PASS
Band41(2555-2655)	15	41165	1	#0	QAM16	22.07	37	PASS
Band41(2555-2655)	15	41165	1	#Mid	QAM16	22.06	37	PASS
Band41(2555-2655)	15	41165	1	#Max	QAM16	22.07	37	PASS
Band41(2555-2655)	15	41165	36	#0	QAM16	20.95	37	PASS
Band41(2555-2655)	15	41165	36	#Max	QAM16	21.09	37	PASS
Band41(2555-2655)	15	41165	75	#0	QAM16	21.16	37	PASS
Band41(2555-2655)	20	40340	1	#0	QPSK	22.37	37	PASS
Band41(2555-2655)	20	40340	1	#Mid	QPSK	22.22	37	PASS
Band41(2555-2655)	20	40340	1	#Max	QPSK	22.48	37	PASS
Band41(2555-2655)	20	40340	50	#0	QPSK	20.96	37	PASS
Band41(2555-2655)	20	40340	50	#Max	QPSK	20.92	37	PASS
Band41(2555-2655)	20	40340	100	#0	QPSK	21.02	37	PASS
Band41(2555-2655)	20	40340	1	#0	QAM16	21.50	37	PASS
Band41(2555-2655)	20	40340	1	#Mid	QAM16	21.84	37	PASS

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Band41(2555-2655)	20	40340	1	#Max	QAM16	22.00	37	PASS
Band41(2555-2655)	20	40340	50	#0	QAM16	20.66	37	PASS
Band41(2555-2655)	20	40340	50	#Max	QAM16	20.80	37	PASS
Band41(2555-2655)	20	40340	100	#0	QAM16	20.54	37	PASS
Band41(2555-2655)	20	40740	1	#0	QPSK	22.97	37	PASS
Band41(2555-2655)	20	40740	1	#Mid	QPSK	22.87	37	PASS
Band41(2555-2655)	20	40740	1	#Max	QPSK	23.00	37	PASS
Band41(2555-2655)	20	40740	50	#0	QPSK	21.35	37	PASS
Band41(2555-2655)	20	40740	50	#Max	QPSK	21.23	37	PASS
Band41(2555-2655)	20	40740	100	#0	QPSK	21.18	37	PASS
Band41(2555-2655)	20	40740	1	#0	QAM16	21.38	37	PASS
Band41(2555-2655)	20	40740	1	#Mid	QAM16	21.38	37	PASS
Band41(2555-2655)	20	40740	1	#Max	QAM16	21.43	37	PASS
Band41(2555-2655)	20	40740	50	#0	QAM16	20.82	37	PASS
Band41(2555-2655)	20	40740	50	#Max	QAM16	20.89	37	PASS
Band41(2555-2655)	20	40740	100	#0	QAM16	20.78	37	PASS
Band41(2555-2655)	20	41140	1	#0	QPSK	23.21	37	PASS
Band41(2555-2655)	20	41140	1	#Mid	QPSK	23.13	37	PASS
Band41(2555-2655)	20	41140	1	#Max	QPSK	23.30	37	PASS
Band41(2555-2655)	20	41140	50	#0	QPSK	21.69	37	PASS
Band41(2555-2655)	20	41140	50	#Max	QPSK	21.66	37	PASS
Band41(2555-2655)	20	41140	100	#0	QPSK	21.59	37	PASS
Band41(2555-2655)	20	41140	1	#0	QAM16	22.21	37	PASS
Band41(2555-2655)	20	41140	1	#Mid	QAM16	22.07	37	PASS
Band41(2555-2655)	20	41140	1	#Max	QAM16	22.12	37	PASS
Band41(2555-2655)	20	41140	50	#0	QAM16	21.26	37	PASS
Band41(2555-2655)	20	41140	50	#Max	QAM16	21.30	37	PASS
Band41(2555-2655)	20	41140	100	#0	QAM16	21.22	37	PASS
Band5	1.4	20407	1	#0	QPSK	22.83	37	PASS
Band5	1.4	20407	1	#Mid	QPSK	22.86	37	PASS
Band5	1.4	20407	1	#Max	QPSK	22.90	37	PASS
Band5	1.4	20407	3	#0	QPSK	22.82	37	PASS
Band5	1.4	20407	3	#Max	QPSK	22.84	37	PASS
Band5	1.4	20407	6	#0	QPSK	21.17	37	PASS
Band5	1.4	20407	1	#0	QAM16	22.72	37	PASS
Band5	1.4	20407	1	#Mid	QAM16	22.62	37	PASS
Band5	1.4	20407	1	#Max	QAM16	22.60	37	PASS
Band5	1.4	20407	3	#0	QAM16	21.82	37	PASS
Band5	1.4	20407	3	#Max	QAM16	21.86	37	PASS
Band5	1.4	20407	6	#0	QAM16	20.57	37	PASS
Band5	1.4	20525	1	#0	QPSK	22.90	37	PASS
Band5	1.4	20525	1	#Mid	QPSK	23.17	37	PASS
Band5	1.4	20525	1	#Max	QPSK	23.12	37	PASS
Band5	1.4	20525	3	#0	QPSK	23.25	37	PASS

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Band5	1.4	20525	3	#Max	QPSK	23.14	37	PASS
Band5	1.4	20525	6	#0	QPSK	21.52	37	PASS
Band5	1.4	20525	1	#0	QAM16	21.30	37	PASS
Band5	1.4	20525	1	#Mid	QAM16	21.48	37	PASS
Band5	1.4	20525	1	#Max	QAM16	21.62	37	PASS
Band5	1.4	20525	3	#0	QAM16	22.14	37	PASS
Band5	1.4	20525	3	#Max	QAM16	22.07	37	PASS
Band5	1.4	20525	6	#0	QAM16	21.29	37	PASS
Band5	1.4	20643	1	#0	QPSK	23.39	37	PASS
Band5	1.4	20643	1	#Mid	QPSK	23.39	37	PASS
Band5	1.4	20643	1	#Max	QPSK	23.34	37	PASS
Band5	1.4	20643	3	#0	QPSK	23.18	37	PASS
Band5	1.4	20643	3	#Max	QPSK	23.14	37	PASS
Band5	1.4	20643	6	#0	QPSK	21.83	37	PASS
Band5	1.4	20643	1	#0	QAM16	22.61	37	PASS
Band5	1.4	20643	1	#Mid	QAM16	22.80	37	PASS
Band5	1.4	20643	1	#Max	QAM16	22.78	37	PASS
Band5	1.4	20643	3	#0	QAM16	22.12	37	PASS
Band5	1.4	20643	3	#Max	QAM16	22.26	37	PASS
Band5	1.4	20643	6	#0	QAM16	21.35	37	PASS
Band5	3	20415	1	#0	QPSK	22.86	37	PASS
Band5	3	20415	1	#Mid	QPSK	22.91	37	PASS
Band5	3	20415	1	#Max	QPSK	22.93	37	PASS
Band5	3	20415	8	#0	QPSK	21.16	37	PASS
Band5	3	20415	8	#Max	QPSK	21.46	37	PASS
Band5	3	20415	15	#0	QPSK	21.16	37	PASS
Band5	3	20415	1	#0	QAM16	21.75	37	PASS
Band5	3	20415	1	#Mid	QAM16	21.69	37	PASS
Band5	3	20415	1	#Max	QAM16	21.85	37	PASS
Band5	3	20415	8	#0	QAM16	20.80	37	PASS
Band5	3	20415	8	#Max	QAM16	21.10	37	PASS
Band5	3	20415	15	#0	QAM16	20.60	37	PASS
Band5	3	20525	1	#0	QPSK	22.78	37	PASS
Band5	3	20525	1	#Mid	QPSK	23.08	37	PASS
Band5	3	20525	1	#Max	QPSK	23.08	37	PASS
Band5	3	20525	8	#0	QPSK	21.28	37	PASS
Band5	3	20525	8	#Max	QPSK	21.57	37	PASS
Band5	3	20525	15	#0	QPSK	21.51	37	PASS
Band5	3	20525	1	#0	QAM16	22.50	37	PASS
Band5	3	20525	1	#Mid	QAM16	22.76	37	PASS
Band5	3	20525	1	#Max	QAM16	22.80	37	PASS
Band5	3	20525	8	#0	QAM16	20.84	37	PASS
Band5	3	20525	8	#Max	QAM16	21.22	37	PASS
Band5	3	20525	15	#0	QAM16	21.07	37	PASS

Report

Band5	3	20635	1	#0	QPSK	23.31	37	PASS
Band5	3	20635	1	#Mid	QPSK	23.36	37	PASS
Band5	3	20635	1	#Max	QPSK	23.32	37	PASS
Band5	3	20635	8	#0	QPSK	21.67	37	PASS
Band5	3	20635	8	#Max	QPSK	21.89	37	PASS
Band5	3	20635	15	#0	QPSK	21.62	37	PASS
Band5	3	20635	1	#0	QAM16	21.67	37	PASS
Band5	3	20635	1	#Mid	QAM16	21.63	37	PASS
Band5	3	20635	1	#Max	QAM16	21.72	37	PASS
Band5	3	20635	8	#0	QAM16	21.28	37	PASS
Band5	3	20635	8	#Max	QAM16	21.38	37	PASS
Band5	3	20635	15	#0	QAM16	21.08	37	PASS
Band5	5	20425	1	#0	QPSK	22.69	37	PASS
Band5	5	20425	1	#Mid	QPSK	22.67	37	PASS
Band5	5	20425	1	#Max	QPSK	22.87	37	PASS
Band5	5	20425	12	#0	QPSK	21.24	37	PASS
Band5	5	20425	12	#Max	QPSK	21.31	37	PASS
Band5	5	20425	25	#0	QPSK	21.39	37	PASS
Band5	5	20425	1	#0	QAM16	21.48	37	PASS
Band5	5	20425	1	#Mid	QAM16	21.38	37	PASS
Band5	5	20425	1	#Max	QAM16	21.57	37	PASS
Band5	5	20425	12	#0	QAM16	20.62	37	PASS
Band5	5	20425	12	#Max	QAM16	20.79	37	PASS
Band5	5	20425	25	#0	QAM16	21.03	37	PASS
Band5	5	20525	1	#0	QPSK	22.81	37	PASS
Band5	5	20525	1	#Mid	QPSK	23.17	37	PASS
Band5	5	20525	1	#Max	QPSK	23.17	37	PASS
Band5	5	20525	12	#0	QPSK	21.26	37	PASS
Band5	5	20525	12	#Max	QPSK	21.60	37	PASS
Band5	5	20525	25	#0	QPSK	21.71	37	PASS
Band5	5	20525	1	#0	QAM16	21.81	37	PASS
Band5	5	20525	1	#Mid	QAM16	22.22	37	PASS
Band5	5	20525	1	#Max	QAM16	22.11	37	PASS
Band5	5	20525	12	#0	QAM16	20.66	37	PASS
Band5	5	20525	12	#Max	QAM16	21.04	37	PASS
Band5	5	20525	25	#0	QAM16	21.01	37	PASS
Band5	5	20625	1	#0	QPSK	23.17	37	PASS
Band5	5	20625	1	#Mid	QPSK	23.06	37	PASS
Band5	5	20625	1	#Max	QPSK	23.07	37	PASS
Band5	5	20625	12	#0	QPSK	21.75	37	PASS
Band5	5	20625	12	#Max	QPSK	21.68	37	PASS
Band5	5	20625	25	#0	QPSK	21.73	37	PASS
Band5	5	20625	1	#0	QAM16	22.13	37	PASS
Band5	5	20625	1	#Mid	QAM16	22.20	37	PASS

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Band5	5	20625	1	#Max	QAM16	22.35	37	PASS
Band5	5	20625	12	#0	QAM16	21.07	37	PASS
Band5	5	20625	12	#Max	QAM16	21.08	37	PASS
Band5	5	20625	25	#0	QAM16	20.99	37	PASS
Band5	10	20450	1	#0	QPSK	22.80	37	PASS
Band5	10	20450	1	#Mid	QPSK	22.86	37	PASS
Band5	10	20450	1	#Max	QPSK	22.94	37	PASS
Band5	10	20450	25	#0	QPSK	21.39	37	PASS
Band5	10	20450	25	#Max	QPSK	21.47	37	PASS
Band5	10	20450	50	#0	QPSK	21.45	37	PASS
Band5	10	20450	1	#0	QAM16	21.59	37	PASS
Band5	10	20450	1	#Mid	QAM16	21.68	37	PASS
Band5	10	20450	1	#Max	QAM16	21.72	37	PASS
Band5	10	20450	25	#0	QAM16	20.95	37	PASS
Band5	10	20450	25	#Max	QAM16	20.96	37	PASS
Band5	10	20450	50	#0	QAM16	20.63	37	PASS
Band5	10	20525	1	#0	QPSK	22.97	37	PASS
Band5	10	20525	1	#Mid	QPSK	23.23	37	PASS
Band5	10	20525	1	#Max	QPSK	23.19	37	PASS
Band5	10	20525	25	#0	QPSK	21.38	37	PASS
Band5	10	20525	25	#Max	QPSK	21.57	37	PASS
Band5	10	20525	50	#0	QPSK	21.52	37	PASS
Band5	10	20525	1	#0	QAM16	22.04	37	PASS
Band5	10	20525	1	#Mid	QAM16	22.13	37	PASS
Band5	10	20525	1	#Max	QAM16	22.23	37	PASS
Band5	10	20525	25	#0	QAM16	20.86	37	PASS
Band5	10	20525	25	#Max	QAM16	21.17	37	PASS
Band5	10	20525	50	#0	QAM16	21.12	37	PASS
Band5	10	20600	1	#0	QPSK	23.13	37	PASS
Band5	10	20600	1	#Mid	QPSK	23.24	37	PASS
Band5	10	20600	1	#Max	QPSK	23.18	37	PASS
Band5	10	20600	25	#0	QPSK	21.73	37	PASS
Band5	10	20600	25	#Max	QPSK	21.60	37	PASS
Band5	10	20600	50	#0	QPSK	21.52	37	PASS
Band5	10	20600	1	#0	QAM16	21.48	37	PASS
Band5	10	20600	1	#Mid	QAM16	21.47	37	PASS
Band5	10	20600	1	#Max	QAM16	21.72	37	PASS
Band5	10	20600	25	#0	QAM16	20.99	37	PASS
Band5	10	20600	25	#Max	QAM16	21.14	37	PASS
Band5	10	20600	50	#0	QAM16	20.99	37	PASS
Band7	5	20775	1	#0	QPSK	21.74	37	PASS
Band7	5	20775	1	#Mid	QPSK	21.68	37	PASS
Band7	5	20775	1	#Max	QPSK	21.72	37	PASS
Band7	5	20775	12	#0	QPSK	20.20	37	PASS

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Band7	5	20775	12	#Max	QPSK	20.29	37	PASS
Band7	5	20775	25	#0	QPSK	20.23	37	PASS
Band7	5	20775	1	#0	QAM16	20.72	37	PASS
Band7	5	20775	1	#Mid	QAM16	20.69	37	PASS
Band7	5	20775	1	#Max	QAM16	20.79	37	PASS
Band7	5	20775	12	#0	QAM16	19.72	37	PASS
Band7	5	20775	12	#Max	QAM16	19.76	37	PASS
Band7	5	20775	25	#0	QAM16	19.76	37	PASS
Band7	5	21100	1	#0	QPSK	21.62	37	PASS
Band7	5	21100	1	#Mid	QPSK	21.64	37	PASS
Band7	5	21100	1	#Max	QPSK	21.71	37	PASS
Band7	5	21100	12	#0	QPSK	20.29	37	PASS
Band7	5	21100	12	#Max	QPSK	20.33	37	PASS
Band7	5	21100	25	#0	QPSK	20.37	37	PASS
Band7	5	21100	1	#0	QAM16	20.72	37	PASS
Band7	5	21100	1	#Mid	QAM16	20.74	37	PASS
Band7	5	21100	1	#Max	QAM16	20.80	37	PASS
Band7	5	21100	12	#0	QAM16	19.84	37	PASS
Band7	5	21100	12	#Max	QAM16	19.91	37	PASS
Band7	5	21100	25	#0	QAM16	19.78	37	PASS
Band7	5	21425	1	#0	QPSK	21.81	37	PASS
Band7	5	21425	1	#Mid	QPSK	21.83	37	PASS
Band7	5	21425	1	#Max	QPSK	21.86	37	PASS
Band7	5	21425	12	#0	QPSK	20.19	37	PASS
Band7	5	21425	12	#Max	QPSK	20.24	37	PASS
Band7	5	21425	25	#0	QPSK	20.28	37	PASS
Band7	5	21425	1	#0	QAM16	20.49	37	PASS
Band7	5	21425	1	#Mid	QAM16	20.54	37	PASS
Band7	5	21425	1	#Max	QAM16	20.58	37	PASS
Band7	5	21425	12	#0	QAM16	19.76	37	PASS
Band7	5	21425	12	#Max	QAM16	19.69	37	PASS
Band7	5	21425	25	#0	QAM16	19.93	37	PASS
Band7	10	20800	1	#0	QPSK	21.69	37	PASS
Band7	10	20800	1	#Mid	QPSK	21.65	37	PASS
Band7	10	20800	1	#Max	QPSK	21.66	37	PASS
Band7	10	20800	25	#0	QPSK	20.15	37	PASS
Band7	10	20800	25	#Max	QPSK	20.26	37	PASS
Band7	10	20800	50	#0	QPSK	20.18	37	PASS
Band7	10	20800	1	#0	QAM16	20.65	37	PASS
Band7	10	20800	1	#Mid	QAM16	20.68	37	PASS
Band7	10	20800	1	#Max	QAM16	20.62	37	PASS
Band7	10	20800	25	#0	QAM16	19.83	37	PASS
Band7	10	20800	25	#Max	QAM16	19.80	37	PASS
Band7	10	20800	50	#0	QAM16	19.96	37	PASS

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Band7	10	21100	1	#0	QPSK	21.80	37	PASS
Band7	10	21100	1	#Mid	QPSK	21.77	37	PASS
Band7	10	21100	1	#Max	QPSK	21.90	37	PASS
Band7	10	21100	25	#0	QPSK	20.28	37	PASS
Band7	10	21100	25	#Max	QPSK	20.35	37	PASS
Band7	10	21100	50	#0	QPSK	20.19	37	PASS
Band7	10	21100	1	#0	QAM16	21.15	37	PASS
Band7	10	21100	1	#Mid	QAM16	21.18	37	PASS
Band7	10	21100	1	#Max	QAM16	21.21	37	PASS
Band7	10	21100	25	#0	QAM16	19.91	37	PASS
Band7	10	21100	25	#Max	QAM16	20.04	37	PASS
Band7	10	21100	50	#0	QAM16	19.90	37	PASS
Band7	10	21400	1	#0	QPSK	21.86	37	PASS
Band7	10	21400	1	#Mid	QPSK	21.97	37	PASS
Band7	10	21400	1	#Max	QPSK	22.05	37	PASS
Band7	10	21400	25	#0	QPSK	20.12	37	PASS
Band7	10	21400	25	#Max	QPSK	20.21	37	PASS
Band7	10	21400	50	#0	QPSK	20.34	37	PASS
Band7	10	21400	1	#0	QAM16	20.17	37	PASS
Band7	10	21400	1	#Mid	QAM16	20.26	37	PASS
Band7	10	21400	1	#Max	QAM16	20.25	37	PASS
Band7	10	21400	25	#0	QAM16	19.53	37	PASS
Band7	10	21400	25	#Max	QAM16	19.87	37	PASS
Band7	10	21400	50	#0	QAM16	19.84	37	PASS
Band7	15	20825	1	#0	QPSK	21.65	37	PASS
Band7	15	20825	1	#Mid	QPSK	21.63	37	PASS
Band7	15	20825	1	#Max	QPSK	21.57	37	PASS
Band7	15	20825	36	#0	QPSK	20.24	37	PASS
Band7	15	20825	36	#Max	QPSK	20.11	37	PASS
Band7	15	20825	75	#0	QPSK	20.05	37	PASS
Band7	15	20825	1	#0	QAM16	20.66	37	PASS
Band7	15	20825	1	#Mid	QAM16	20.68	37	PASS
Band7	15	20825	1	#Max	QAM16	20.60	37	PASS
Band7	15	20825	36	#0	QAM16	19.97	37	PASS
Band7	15	20825	36	#Max	QAM16	19.92	37	PASS
Band7	15	20825	75	#0	QAM16	19.73	37	PASS
Band7	15	21100	1	#0	QPSK	21.73	37	PASS
Band7	15	21100	1	#Mid	QPSK	21.82	37	PASS
Band7	15	21100	1	#Max	QPSK	21.88	37	PASS
Band7	15	21100	36	#0	QPSK	20.23	37	PASS
Band7	15	21100	36	#Max	QPSK	20.38	37	PASS
Band7	15	21100	75	#0	QPSK	20.28	37	PASS
Band7	15	21100	1	#0	QAM16	21.13	37	PASS
Band7	15	21100	1	#Mid	QAM16	21.34	37	PASS

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Band7	15	21100	1	#Max	QAM16	21.40	37	PASS
Band7	15	21100	36	#0	QAM16	19.99	37	PASS
Band7	15	21100	36	#Max	QAM16	20.03	37	PASS
Band7	15	21100	75	#0	QAM16	19.84	37	PASS
Band7	15	21375	1	#0	QPSK	21.88	37	PASS
Band7	15	21375	1	#Mid	QPSK	21.88	37	PASS
Band7	15	21375	1	#Max	QPSK	22.04	37	PASS
Band7	15	21375	36	#0	QPSK	20.24	37	PASS
Band7	15	21375	36	#Max	QPSK	20.22	37	PASS
Band7	15	21375	75	#0	QPSK	20.22	37	PASS
Band7	15	21375	1	#0	QAM16	20.82	37	PASS
Band7	15	21375	1	#Mid	QAM16	20.81	37	PASS
Band7	15	21375	1	#Max	QAM16	20.96	37	PASS
Band7	15	21375	36	#0	QAM16	19.82	37	PASS
Band7	15	21375	36	#Max	QAM16	19.84	37	PASS
Band7	15	21375	75	#0	QAM16	19.52	37	PASS
Band7	20	20850	1	#0	QPSK	21.86	37	PASS
Band7	20	20850	1	#Mid	QPSK	21.86	37	PASS
Band7	20	20850	1	#Max	QPSK	21.84	37	PASS
Band7	20	20850	50	#0	QPSK	20.22	37	PASS
Band7	20	20850	50	#Max	QPSK	20.13	37	PASS
Band7	20	20850	100	#0	QPSK	20.13	37	PASS
Band7	20	20850	1	#0	QAM16	20.62	37	PASS
Band7	20	20850	1	#Mid	QAM16	20.58	37	PASS
Band7	20	20850	1	#Max	QAM16	20.49	37	PASS
Band7	20	20850	50	#0	QAM16	19.93	37	PASS
Band7	20	20850	50	#Max	QAM16	19.86	37	PASS
Band7	20	20850	100	#0	QAM16	19.79	37	PASS
Band7	20	21100	1	#0	QPSK	21.92	37	PASS
Band7	20	21100	1	#Mid	QPSK	21.99	37	PASS
Band7	20	21100	1	#Max	QPSK	22.09	37	PASS
Band7	20	21100	50	#0	QPSK	20.28	37	PASS
Band7	20	21100	50	#Max	QPSK	20.29	37	PASS
Band7	20	21100	100	#0	QPSK	20.29	37	PASS
Band7	20	21100	1	#0	QAM16	20.90	37	PASS
Band7	20	21100	1	#Mid	QAM16	21.03	37	PASS
Band7	20	21100	1	#Max	QAM16	21.08	37	PASS
Band7	20	21100	50	#0	QAM16	19.91	37	PASS
Band7	20	21100	50	#Max	QAM16	19.99	37	PASS
Band7	20	21100	100	#0	QAM16	19.78	37	PASS
Band7	20	21350	1	#0	QPSK	21.93	37	PASS
Band7	20	21350	1	#Mid	QPSK	21.89	37	PASS
Band7	20	21350	1	#Max	QPSK	22.07	37	PASS
Band7	20	21350	50	#0	QPSK	20.08	37	PASS

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Band7	20	21350	50	#Max	QPSK	20.32	37	PASS
Band7	20	21350	100	#0	QPSK	20.15	37	PASS
Band7	20	21350	1	#0	QAM16	20.64	37	PASS
Band7	20	21350	1	#Mid	QAM16	20.49	37	PASS
Band7	20	21350	1	#Max	QAM16	20.73	37	PASS
Band7	20	21350	50	#0	QAM16	19.75	37	PASS
Band7	20	21350	50	#Max	QAM16	19.88	37	PASS
Band7	20	21350	100	#0	QAM16	19.79	37	PASS

Appendix 2:

2 Frequency stability

Band	Bandwidth (MHz)	UL Channel	RB Size	RB Position	Modulation	Voltage (Vdc)	Temperature (°C)	Result(Hz)	Result (ppm)	Limit (ppm)	Verdict
Band2	20	18700	100	#0	QPSK	VL	NT	-28.00	-0.015	±2.5	PASS
Band2	20	18700	100	#0	QPSK	VN	NT	-31.71	-0.017	±2.5	PASS
Band2	20	18700	100	#0	QPSK	VH	NT	-32.48	-0.017	±2.5	PASS
Band2	20	18700	100	#0	QPSK	NV	50	-32.84	-0.018	±2.5	PASS
Band2	20	18700	100	#0	QPSK	NV	40	-30.41	-0.016	±2.5	PASS
Band2	20	18700	100	#0	QPSK	NV	30	-26.79	-0.014	±2.5	PASS
Band2	20	18700	100	#0	QPSK	NV	20	-24.63	-0.013	±2.5	PASS
Band2	20	18700	100	#0	QPSK	NV	10	-26.65	-0.014	±2.5	PASS
Band2	20	18700	100	#0	QPSK	NV	0	-25.01	-0.013	±2.5	PASS
Band2	20	18700	100	#0	QPSK	NV	-10	-28.19	-0.015	±2.5	PASS
Band2	20	18700	100	#0	QPSK	NV	-20	-21.24	-0.011	±2.5	PASS
Band2	20	18700	100	#0	QPSK	NV	-30	-20.58	-0.011	±2.5	PASS
Band2	20	18700	100	#0	QAM16	VL	NT	-20.47	-0.011	±2.5	PASS
Band2	20	18700	100	#0	QAM16	VN	NT	-27.59	-0.015	±2.5	PASS
Band2	20	18700	100	#0	QAM16	VH	NT	-27.88	-0.015	±2.5	PASS

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									5		
Band2	20	18700	100	#0	QAM16	NV	50	-16.33	-0.00	±2.5	PASS
									9		
Band2	20	18700	100	#0	QAM16	NV	40	4.07	0.002	±2.5	PASS
Band2	20	18700	100	#0	QAM16	NV	30	26.39	0.014	±2.5	PASS
Band2	20	18700	100	#0	QAM16	NV	20	13.77	0.007	±2.5	PASS
Band2	20	18700	100	#0	QAM16	NV	10	33.90	0.018	±2.5	PASS
Band2	20	18700	100	#0	QAM16	NV	0	14.64	0.008	±2.5	PASS
Band2	20	18700	100	#0	QAM16	NV	-10	30.14	0.016	±2.5	PASS
Band2	20	18700	100	#0	QAM16	NV	-20	31.65	0.017	±2.5	PASS
Band2	20	18700	100	#0	QAM16	NV	-30	19.54	0.011	±2.5	PASS
Band2	20	18900	100	#0	QPSK	VL	NT	29.18	0.016	±2.5	PASS
Band2	20	18900	100	#0	QPSK	VN	NT	20.48	0.011	±2.5	PASS
Band2	20	18900	100	#0	QPSK	VH	NT	35.19	0.019	±2.5	PASS
Band2	20	18900	100	#0	QPSK	NV	50	23.38	0.012	±2.5	PASS
Band2	20	18900	100	#0	QPSK	NV	40	26.22	0.014	±2.5	PASS
Band2	20	18900	100	#0	QPSK	NV	30	35.82	0.019	±2.5	PASS
Band2	20	18900	100	#0	QPSK	NV	20	24.79	0.013	±2.5	PASS
Band2	20	18900	100	#0	QPSK	NV	10	15.49	0.008	±2.5	PASS
Band2	20	18900	100	#0	QPSK	NV	0	27.53	0.015	±2.5	PASS
Band2	20	18900	100	#0	QPSK	NV	-10	20.75	0.011	±2.5	PASS
Band2	20	18900	100	#0	QPSK	NV	-20	32.93	0.018	±2.5	PASS
Band2	20	18900	100	#0	QPSK	NV	-30	30.35	0.016	±2.5	PASS
Band2	20	18900	100	#0	QAM16	VL	NT	26.66	0.014	±2.5	PASS
Band2	20	18900	100	#0	QAM16	VN	NT	21.75	0.012	±2.5	PASS
Band2	20	18900	100	#0	QAM16	VH	NT	26.69	0.014	±2.5	PASS
Band2	20	18900	100	#0	QAM16	NV	50	21.42	0.011	±2.5	PASS
Band2	20	18900	100	#0	QAM16	NV	40	28.09	0.015	±2.5	PASS
Band2	20	18900	100	#0	QAM16	NV	30	28.55	0.015	±2.5	PASS
Band2	20	18900	100	#0	QAM16	NV	20	23.38	0.012	±2.5	PASS
Band2	20	18900	100	#0	QAM16	NV	10	27.27	0.015	±2.5	PASS
Band2	20	18900	100	#0	QAM16	NV	0	28.42	0.015	±2.5	PASS
Band2	20	18900	100	#0	QAM16	NV	-10	30.54	0.016	±2.5	PASS
Band2	20	18900	100	#0	QAM16	NV	-20	24.90	0.013	±2.5	PASS
Band2	20	18900	100	#0	QAM16	NV	-30	29.15	0.016	±2.5	PASS
Band2	20	19100	100	#0	QPSK	VL	NT	25.86	0.014	±2.5	PASS
Band2	20	19100	100	#0	QPSK	VN	NT	29.12	0.015	±2.5	PASS
Band2	20	19100	100	#0	QPSK	VH	NT	23.60	0.012	±2.5	PASS
Band2	20	19100	100	#0	QPSK	NV	50	27.09	0.014	±2.5	PASS
Band2	20	19100	100	#0	QPSK	NV	40	30.68	0.016	±2.5	PASS
Band2	20	19100	100	#0	QPSK	NV	30	22.48	0.012	±2.5	PASS
Band2	20	19100	100	#0	QPSK	NV	20	30.61	0.016	±2.5	PASS
Band2	20	19100	100	#0	QPSK	NV	10	20.91	0.011	±2.5	PASS
Band2	20	19100	100	#0	QPSK	NV	0	19.72	0.010	±2.5	PASS

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Band2	20	19100	100	#0	QPSK	NV	-10	30.02	0.016	±2.5	PASS
Band2	20	19100	100	#0	QPSK	NV	-20	26.37	0.014	±2.5	PASS
Band2	20	19100	100	#0	QPSK	NV	-30	26.62	0.014	±2.5	PASS
Band2	20	19100	100	#0	QAM16	VL	NT	27.75	0.015	±2.5	PASS
Band2	20	19100	100	#0	QAM16	VN	NT	26.47	0.014	±2.5	PASS
Band2	20	19100	100	#0	QAM16	VH	NT	32.28	0.017	±2.5	PASS
Band2	20	19100	100	#0	QAM16	NV	50	19.21	0.010	±2.5	PASS
Band2	20	19100	100	#0	QAM16	NV	40	21.10	0.011	±2.5	PASS
Band2	20	19100	100	#0	QAM16	NV	30	26.73	0.014	±2.5	PASS
Band2	20	19100	100	#0	QAM16	NV	20	26.27	0.014	±2.5	PASS
Band2	20	19100	100	#0	QAM16	NV	10	25.36	0.013	±2.5	PASS
Band2	20	19100	100	#0	QAM16	NV	0	22.87	0.012	±2.5	PASS
Band2	20	19100	100	#0	QAM16	NV	-10	29.56	0.016	±2.5	PASS
Band2	20	19100	100	#0	QAM16	NV	-20	22.05	0.012	±2.5	PASS
Band2	20	19100	100	#0	QAM16	NV	-30	18.22	0.010	±2.5	PASS
Band38	20	37850	100	#0	QPSK	VL	NT	-15.70	-0.00	±2.5	PASS
									6		
Band38	20	37850	100	#0	QPSK	VN	NT	7.53	0.003	±2.5	PASS
Band38	20	37850	100	#0	QPSK	VH	NT	22.60	0.009	±2.5	PASS
Band38	20	37850	100	#0	QPSK	NV	50	33.07	0.013	±2.5	PASS
Band38	20	37850	100	#0	QPSK	NV	40	42.94	0.017	±2.5	PASS
Band38	20	37850	100	#0	QPSK	NV	30	12.31	0.005	±2.5	PASS
Band38	20	37850	100	#0	QPSK	NV	20	9.45	0.004	±2.5	PASS
Band38	20	37850	100	#0	QPSK	NV	10	17.82	0.007	±2.5	PASS
Band38	20	37850	100	#0	QPSK	NV	0	20.82	0.008	±2.5	PASS
Band38	20	37850	100	#0	QPSK	NV	-10	28.25	0.011	±2.5	PASS
Band38	20	37850	100	#0	QPSK	NV	-20	38.72	0.015	±2.5	PASS
Band38	20	37850	100	#0	QPSK	NV	-30	30.51	0.012	±2.5	PASS
Band38	20	37850	100	#0	QAM16	VL	NT	10.44	0.004	±2.5	PASS
Band38	20	37850	100	#0	QAM16	VN	NT	20.88	0.008	±2.5	PASS
Band38	20	37850	100	#0	QAM16	VH	NT	27.52	0.011	±2.5	PASS
Band38	20	37850	100	#0	QAM16	NV	50	14.50	0.006	±2.5	PASS
Band38	20	37850	100	#0	QAM16	NV	40	27.43	0.011	±2.5	PASS
Band38	20	37850	100	#0	QAM16	NV	30	38.00	0.015	±2.5	PASS
Band38	20	37850	100	#0	QAM16	NV	20	7.08	0.003	±2.5	PASS
Band38	20	37850	100	#0	QAM16	NV	10	13.20	0.005	±2.5	PASS
Band38	20	37850	100	#0	QAM16	NV	0	30.84	0.012	±2.5	PASS
Band38	20	37850	100	#0	QAM16	NV	-10	28.40	0.011	±2.5	PASS
Band38	20	37850	100	#0	QAM16	NV	-20	16.22	0.006	±2.5	PASS
Band38	20	37850	100	#0	QAM16	NV	-30	33.65	0.013	±2.5	PASS
Band38	20	38000	100	#0	QPSK	VL	NT	-2.53	-0.00	±2.5	PASS
									1		
Band38	20	38000	100	#0	QPSK	VN	NT	-8.13	-0.00	±2.5	PASS
									3		

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Band38	20	38000	100	#0	QPSK	VH	NT	-14.77	-0.00 6	±2.5	PASS
Band38	20	38000	100	#0	QPSK	NV	50	-16.52	-0.00 6	±2.5	PASS
Band38	20	38000	100	#0	QPSK	NV	40	-11.65	-0.00 4	±2.5	PASS
Band38	20	38000	100	#0	QPSK	NV	30	-11.31	-0.00 4	±2.5	PASS
Band38	20	38000	100	#0	QPSK	NV	20	-13.03	-0.00 5	±2.5	PASS
Band38	20	38000	100	#0	QPSK	NV	10	-4.97	-0.00 2	±2.5	PASS
Band38	20	38000	100	#0	QPSK	NV	0	-10.45	-0.00 4	±2.5	PASS
Band38	20	38000	100	#0	QPSK	NV	-10	-18.29	-0.00 7	±2.5	PASS
Band38	20	38000	100	#0	QPSK	NV	-20	-16.57	-0.00 6	±2.5	PASS
Band38	20	38000	100	#0	QPSK	NV	-30	-14.46	-0.00 6	±2.5	PASS
Band38	20	38000	100	#0	QAM16	VL	NT	-12.08	-0.00 5	±2.5	PASS
Band38	20	38000	100	#0	QAM16	VN	NT	-13.17	-0.00 5	±2.5	PASS
Band38	20	38000	100	#0	QAM16	VH	NT	-14.46	-0.00 6	±2.5	PASS
Band38	20	38000	100	#0	QAM16	NV	50	-6.68	-0.00 3	±2.5	PASS
Band38	20	38000	100	#0	QAM16	NV	40	6.29	0.002	±2.5	PASS
Band38	20	38000	100	#0	QAM16	NV	30	4.86	0.002	±2.5	PASS
Band38	20	38000	100	#0	QAM16	NV	20	6.72	0.003	±2.5	PASS
Band38	20	38000	100	#0	QAM16	NV	10	14.76	0.006	±2.5	PASS
Band38	20	38000	100	#0	QAM16	NV	0	19.35	0.007	±2.5	PASS
Band38	20	38000	100	#0	QAM16	NV	-10	36.20	0.014	±2.5	PASS
Band38	20	38000	100	#0	QAM16	NV	-20	33.04	0.013	±2.5	PASS
Band38	20	38000	100	#0	QAM16	NV	-30	12.01	0.005	±2.5	PASS
Band38	20	38150	100	#0	QPSK	VL	NT	-44.15	-0.01 7	±2.5	PASS
Band38	20	38150	100	#0	QPSK	VN	NT	-44.01	-0.01 7	±2.5	PASS
Band38	20	38150	100	#0	QPSK	VH	NT	-44.63	-0.01 7	±2.5	PASS
Band38	20	38150	100	#0	QPSK	NV	50	-42.28	-0.01 6	±2.5	PASS

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Band38	20	38150	100	#0	QPSK	NV	40	-41.38	-0.01 6	±2.5	PASS
Band38	20	38150	100	#0	QPSK	NV	30	-46.63	-0.01 8	±2.5	PASS
Band38	20	38150	100	#0	QPSK	NV	20	-15.16	-0.00 6	±2.5	PASS
Band38	20	38150	100	#0	QPSK	NV	10	-10.65	-0.00 4	±2.5	PASS
Band38	20	38150	100	#0	QPSK	NV	0	-7.23	-0.00 3	±2.5	PASS
Band38	20	38150	100	#0	QPSK	NV	-10	-8.13	-0.00 3	±2.5	PASS
Band38	20	38150	100	#0	QPSK	NV	-20	-5.37	-0.00 2	±2.5	PASS
Band38	20	38150	100	#0	QPSK	NV	-30	-4.47	-0.00 2	±2.5	PASS
Band38	20	38150	100	#0	QAM16	VL	NT	-7.29	-0.00 3	±2.5	PASS
Band38	20	38150	100	#0	QAM16	VN	NT	-6.06	-0.00 2	±2.5	PASS
Band38	20	38150	100	#0	QAM16	VH	NT	-6.20	-0.00 2	±2.5	PASS
Band38	20	38150	100	#0	QAM16	NV	50	2.68	0.001	±2.5	PASS
Band38	20	38150	100	#0	QAM16	NV	40	18.22	0.007	±2.5	PASS
Band38	20	38150	100	#0	QAM16	NV	30	22.77	0.009	±2.5	PASS
Band38	20	38150	100	#0	QAM16	NV	20	24.33	0.009	±2.5	PASS
Band38	20	38150	100	#0	QAM16	NV	10	24.80	0.010	±2.5	PASS
Band38	20	38150	100	#0	QAM16	NV	0	30.24	0.012	±2.5	PASS
Band38	20	38150	100	#0	QAM16	NV	-10	37.55	0.014	±2.5	PASS
Band38	20	38150	100	#0	QAM16	NV	-20	29.55	0.011	±2.5	PASS
Band38	20	38150	100	#0	QAM16	NV	-30	13.77	0.005	±2.5	PASS
Band40a	10	38750	50	#0	QPSK	VL	NT	-6.36	-0.00 3	±2.5	PASS
Band40a	10	38750	50	#0	QPSK	VN	NT	-4.60	-0.00 2	±2.5	PASS
Band40a	10	38750	50	#0	QPSK	VH	NT	-5.39	-0.00 2	±2.5	PASS
Band40a	10	38750	50	#0	QPSK	NV	50	-5.46	-0.00 2	±2.5	PASS
Band40a	10	38750	50	#0	QPSK	NV	40	-6.17	-0.00 3	±2.5	PASS
Band40a	10	38750	50	#0	QPSK	NV	30	-5.90	-0.00 3	±2.5	PASS
Band40a	10	38750	50	#0	QPSK	NV	20	-4.99	-0.00	±2.5	PASS

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									2		
Band40a	10	38750	50	#0	QPSK	NV	10	-5.52	-0.00	±2.5	PASS
									2		
Band40a	10	38750	50	#0	QPSK	NV	0	-6.56	-0.00	±2.5	PASS
									3		
Band40a	10	38750	50	#0	QPSK	NV	-10	-5.33	-0.00	±2.5	PASS
									2		
Band40a	10	38750	50	#0	QPSK	NV	-20	-4.83	-0.00	±2.5	PASS
									2		
Band40a	10	38750	50	#0	QPSK	NV	-30	-5.42	-0.00	±2.5	PASS
									2		
Band40a	10	38750	50	#0	QAM16	VL	NT	-6.80	-0.00	±2.5	PASS
									3		
Band40a	10	38750	50	#0	QAM16	VN	NT	-5.17	-0.00	±2.5	PASS
									2		
Band40a	10	38750	50	#0	QAM16	VH	NT	-5.43	-0.00	±2.5	PASS
									2		
Band40a	10	38750	50	#0	QAM16	NV	50	-6.30	-0.00	±2.5	PASS
									3		
Band40a	10	38750	50	#0	QAM16	NV	40	-6.23	-0.00	±2.5	PASS
									3		
Band40a	10	38750	50	#0	QAM16	NV	30	-6.03	-0.00	±2.5	PASS
									3		
Band40a	10	38750	50	#0	QAM16	NV	20	-5.22	-0.00	±2.5	PASS
									2		
Band40a	10	38750	50	#0	QAM16	NV	10	-5.12	-0.00	±2.5	PASS
									2		
Band40a	10	38750	50	#0	QAM16	NV	0	-6.90	-0.00	±2.5	PASS
									3		
Band40a	10	38750	50	#0	QAM16	NV	-10	-7.20	-0.00	±2.5	PASS
									3		
Band40a	10	38750	50	#0	QAM16	NV	-20	-5.75	-0.00	±2.5	PASS
									2		
Band40a	10	38750	50	#0	QAM16	NV	-30	-7.03	-0.00	±2.5	PASS
									3		
Band41(2555-2655)	20	40340	100	#0	QPSK	VL	NT	22.08	0.009	±2.5	PASS
Band41(2555-2655)	20	40340	100	#0	QPSK	VN	NT	29.28	0.011	±2.5	PASS
Band41(2555-2655)	20	40340	100	#0	QPSK	VH	NT	38.62	0.015	±2.5	PASS
Band41(2555-2655)	20	40340	100	#0	QPSK	NV	50	-5.67	-0.00	±2.5	PASS
									2		
Band41(2555-2655)	20	40340	100	#0	QPSK	NV	40	10.38	0.004	±2.5	PASS

Report

5)											
Band41(2555-2655)	20	40340	100	#0	QPSK	NV	30	31.91	0.012	±2.5	PASS
5)											
Band41(2555-2655)	20	40340	100	#0	QPSK	NV	20	22.35	0.009	±2.5	PASS
5)											
Band41(2555-2655)	20	40340	100	#0	QPSK	NV	10	13.57	0.005	±2.5	PASS
5)											
Band41(2555-2655)	20	40340	100	#0	QPSK	NV	0	27.33	0.011	±2.5	PASS
5)											
Band41(2555-2655)	20	40340	100	#0	QPSK	NV	-10	40.19	0.016	±2.5	PASS
5)											
Band41(2555-2655)	20	40340	100	#0	QPSK	NV	-20	19.98	0.008	±2.5	PASS
5)											
Band41(2555-2655)	20	40340	100	#0	QPSK	NV	-30	19.64	0.008	±2.5	PASS
5)											
Band41(2555-2655)	20	40340	100	#0	QAM16	VL	NT	31.18	0.012	±2.5	PASS
5)											
Band41(2555-2655)	20	40340	100	#0	QAM16	VN	NT	26.69	0.010	±2.5	PASS
5)											
Band41(2555-2655)	20	40340	100	#0	QAM16	VH	NT	1.57	0.001	±2.5	PASS
5)											
Band41(2555-2655)	20	40340	100	#0	QAM16	NV	50	29.86	0.012	±2.5	PASS
5)											
Band41(2555-2655)	20	40340	100	#0	QAM16	NV	40	25.82	0.010	±2.5	PASS
5)											
Band41(2555-2655)	20	40340	100	#0	QAM16	NV	30	40.65	0.016	±2.5	PASS
5)											
Band41(2555-2655)	20	40340	100	#0	QAM16	NV	20	-3.94	-0.002	±2.5	PASS
5)											
Band41(2555-2655)	20	40340	100	#0	QAM16	NV	10	18.52	0.007	±2.5	PASS
5)											
Band41(2555-2655)	20	40340	100	#0	QAM16	NV	0	37.10	0.014	±2.5	PASS
5)											
Band41(2555-2655)	20	40340	100	#0	QAM16	NV	-10	7.78	0.003	±2.5	PASS
5)											
Band41(2555-2655)	20	40340	100	#0	QAM16	NV	-20	18.53	0.007	±2.5	PASS
5)											
Band41(2555-2655)	20	40340	100	#0	QAM16	NV	-30	32.98	0.013	±2.5	PASS
5)											
Band41(2555-2655)	20	40740	100	#0	QPSK	VL	NT	-25.84	-0.010	±2.5	PASS
5)											
Band41(2555-2655)	20	40740	100	#0	QPSK	VN	NT	-10.92	-0.004	±2.5	PASS
5)											
Band41(2555-2655)	20	40740	100	#0	QPSK	VH	NT	-4.86	-0.00	±2.5	PASS

Report

5)									2		
Band41(2555-2655)	20	40740	100	#0	QPSK	NV	50	-4.29	-0.00	±2.5	PASS
5)									2		
Band41(2555-2655)	20	40740	100	#0	QPSK	NV	40	-9.02	-0.00	±2.5	PASS
5)									3		
Band41(2555-2655)	20	40740	100	#0	QPSK	NV	30	-10.75	-0.00	±2.5	PASS
5)									4		
Band41(2555-2655)	20	40740	100	#0	QPSK	NV	20	-14.04	-0.00	±2.5	PASS
5)									5		
Band41(2555-2655)	20	40740	100	#0	QPSK	NV	10	-13.50	-0.00	±2.5	PASS
5)									5		
Band41(2555-2655)	20	40740	100	#0	QPSK	NV	0	-7.03	-0.00	±2.5	PASS
5)									3		
Band41(2555-2655)	20	40740	100	#0	QPSK	NV	-10	-16.00	-0.00	±2.5	PASS
5)									6		
Band41(2555-2655)	20	40740	100	#0	QPSK	NV	-20	-20.09	-0.00	±2.5	PASS
5)									8		
Band41(2555-2655)	20	40740	100	#0	QPSK	NV	-30	-17.58	-0.00	±2.5	PASS
5)									7		
Band41(2555-2655)	20	40740	100	#0	QAM16	VL	NT	-19.61	-0.00	±2.5	PASS
5)									8		
Band41(2555-2655)	20	40740	100	#0	QAM16	VN	NT	-18.36	-0.00	±2.5	PASS
5)									7		
Band41(2555-2655)	20	40740	100	#0	QAM16	VH	NT	-15.26	-0.00	±2.5	PASS
5)									6		
Band41(2555-2655)	20	40740	100	#0	QAM16	NV	50	-11.04	-0.00	±2.5	PASS
5)									4		
Band41(2555-2655)	20	40740	100	#0	QAM16	NV	40	-1.08	0.000	±2.5	PASS
5)											
Band41(2555-2655)	20	40740	100	#0	QAM16	NV	30	9.02	0.003	±2.5	PASS
5)											
Band41(2555-2655)	20	40740	100	#0	QAM16	NV	20	23.58	0.009	±2.5	PASS
5)											
Band41(2555-2655)	20	40740	100	#0	QAM16	NV	10	40.92	0.016	±2.5	PASS
5)											
Band41(2555-2655)	20	40740	100	#0	QAM16	NV	0	13.61	0.005	±2.5	PASS
5)											
Band41(2555-2655)	20	40740	100	#0	QAM16	NV	-10	17.56	0.007	±2.5	PASS
5)											
Band41(2555-2655)	20	40740	100	#0	QAM16	NV	-20	21.74	0.008	±2.5	PASS
5)											
Band41(2555-2655)	20	40740	100	#0	QAM16	NV	-30	28.79	0.011	±2.5	PASS
5)											
Band41(2555-2655)	20	41140	100	#0	QPSK	VL	NT	-34.63	-0.01	±2.5	PASS

Report

5)									3		
Band41(2555-2655)	20	41140	100	#0	QPSK	VN	NT	-35.04	-0.01	±2.5	PASS
5)									3		
Band41(2555-2655)	20	41140	100	#0	QPSK	VH	NT	-32.40	-0.01	±2.5	PASS
5)									2		
Band41(2555-2655)	20	41140	100	#0	QPSK	NV	50	-29.84	-0.01	±2.5	PASS
5)									1		
Band41(2555-2655)	20	41140	100	#0	QPSK	NV	40	-17.96	-0.00	±2.5	PASS
5)									7		
Band41(2555-2655)	20	41140	100	#0	QPSK	NV	30	-27.30	-0.01	±2.5	PASS
5)									0		
Band41(2555-2655)	20	41140	100	#0	QPSK	NV	20	-32.47	-0.01	±2.5	PASS
5)									2		
Band41(2555-2655)	20	41140	100	#0	QPSK	NV	10	-28.79	-0.01	±2.5	PASS
5)									1		
Band41(2555-2655)	20	41140	100	#0	QPSK	NV	0	-37.99	-0.01	±2.5	PASS
5)									4		
Band41(2555-2655)	20	41140	100	#0	QPSK	NV	-10	-17.43	-0.00	±2.5	PASS
5)									7		
Band41(2555-2655)	20	41140	100	#0	QPSK	NV	-20	-9.61	-0.00	±2.5	PASS
5)									4		
Band41(2555-2655)	20	41140	100	#0	QPSK	NV	-30	-34.86	-0.01	±2.5	PASS
5)									3		
Band41(2555-2655)	20	41140	100	#0	QAM16	VL	NT	-28.38	-0.01	±2.5	PASS
5)									1		
Band41(2555-2655)	20	41140	100	#0	QAM16	VN	NT	-26.79	-0.01	±2.5	PASS
5)									0		
Band41(2555-2655)	20	41140	100	#0	QAM16	VH	NT	-35.90	-0.01	±2.5	PASS
5)									4		
Band41(2555-2655)	20	41140	100	#0	QAM16	NV	50	-34.13	-0.01	±2.5	PASS
5)									3		
Band41(2555-2655)	20	41140	100	#0	QAM16	NV	40	-5.27	-0.00	±2.5	PASS
5)									2		
Band41(2555-2655)	20	41140	100	#0	QAM16	NV	30	-10.31	-0.00	±2.5	PASS
5)									4		
Band41(2555-2655)	20	41140	100	#0	QAM16	NV	20	-21.61	-0.00	±2.5	PASS
5)									8		
Band41(2555-2655)	20	41140	100	#0	QAM16	NV	10	-30.82	-0.01	±2.5	PASS
5)									2		
Band41(2555-2655)	20	41140	100	#0	QAM16	NV	0	-27.90	-0.01	±2.5	PASS
5)									1		
Band41(2555-2655)	20	41140	100	#0	QAM16	NV	-10	-25.44	-0.01	±2.5	PASS
5)									0		
Band41(2555-2655)	20	41140	100	#0	QAM16	NV	-20	-27.12	-0.01	±2.5	PASS

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5)									0		
Band41(2555-2655)	20	41140	100	#0	QAM16	NV	-30	-26.40	-0.01	±2.5	PASS
5)									0		
Band5	10	20450	50	#0	QPSK	VL	NT	-29.32	-0.03	±2.5	PASS
									5		
Band5	10	20450	50	#0	QPSK	VN	NT	-28.58	-0.03	±2.5	PASS
									4		
Band5	10	20450	50	#0	QPSK	VH	NT	-26.10	-0.03	±2.5	PASS
									1		
Band5	10	20450	50	#0	QPSK	NV	50	-25.39	-0.03	±2.5	PASS
									1		
Band5	10	20450	50	#0	QPSK	NV	40	-29.68	-0.03	±2.5	PASS
									6		
Band5	10	20450	50	#0	QPSK	NV	30	-28.46	-0.03	±2.5	PASS
									4		
Band5	10	20450	50	#0	QPSK	NV	20	-22.43	-0.02	±2.5	PASS
									7		
Band5	10	20450	50	#0	QPSK	NV	10	-28.33	-0.03	±2.5	PASS
									4		
Band5	10	20450	50	#0	QPSK	NV	0	-34.57	-0.04	±2.5	PASS
									2		
Band5	10	20450	50	#0	QPSK	NV	-10	-23.21	-0.02	±2.5	PASS
									8		
Band5	10	20450	50	#0	QPSK	NV	-20	-32.51	-0.03	±2.5	PASS
									9		
Band5	10	20450	50	#0	QPSK	NV	-30	-23.23	-0.02	±2.5	PASS
									8		
Band5	10	20450	50	#0	QAM16	VL	NT	-26.86	-0.03	±2.5	PASS
									2		
Band5	10	20450	50	#0	QAM16	VN	NT	-22.93	-0.02	±2.5	PASS
									8		
Band5	10	20450	50	#0	QAM16	VH	NT	-20.77	-0.02	±2.5	PASS
									5		
Band5	10	20450	50	#0	QAM16	NV	50	-19.48	-0.02	±2.5	PASS
									3		
Band5	10	20450	50	#0	QAM16	NV	40	-14.41	-0.01	±2.5	PASS
									7		
Band5	10	20450	50	#0	QAM16	NV	30	-22.71	-0.02	±2.5	PASS
									7		
Band5	10	20450	50	#0	QAM16	NV	20	-33.41	-0.04	±2.5	PASS
									0		
Band5	10	20450	50	#0	QAM16	NV	10	-23.76	-0.02	±2.5	PASS
									9		
Band5	10	20450	50	#0	QAM16	NV	0	-23.74	-0.02	±2.5	PASS