



Report

Band12	5	23035	1	#Max	QPSK	24.19	-5.2	16.84	34.77	PASS
Band12	5	23035	12	#0	QPSK	23.11	-5.2	15.76	34.77	PASS
Band12	5	23035	12	#Mid	QPSK	23.05	-5.2	15.70	34.77	PASS
Band12	5	23035	12	#Max	QPSK	23.18	-5.2	15.83	34.77	PASS
Band12	5	23035	25	#0	QPSK	23.13	-5.2	15.78	34.77	PASS
Band12	5	23035	1	#0	16QAM	23.47	-5.2	16.12	34.77	PASS
Band12	5	23035	1	#Mid	16QAM	23.84	-5.2	16.49	34.77	PASS
Band12	5	23035	1	#Max	16QAM	23.54	-5.2	16.19	34.77	PASS
Band12	5	23035	12	#0	16QAM	21.99	-5.2	14.64	34.77	PASS
Band12	5	23035	12	#Mid	16QAM	22.01	-5.2	14.66	34.77	PASS
Band12	5	23035	12	#Max	16QAM	21.97	-5.2	14.62	34.77	PASS
Band12	5	23035	25	#0	16QAM	21.94	-5.2	14.59	34.77	PASS
Band12	5	23095	1	#0	QPSK	23.98	-5.2	16.63	34.77	PASS
Band12	5	23095	1	#Mid	QPSK	24.13	-5.2	16.78	34.77	PASS
Band12	5	23095	1	#Max	QPSK	24.23	-5.2	16.88	34.77	PASS
Band12	5	23095	12	#0	QPSK	23.02	-5.2	15.67	34.77	PASS
Band12	5	23095	12	#Mid	QPSK	23.05	-5.2	15.70	34.77	PASS
Band12	5	23095	12	#Max	QPSK	23.10	-5.2	15.75	34.77	PASS
Band12	5	23095	25	#0	QPSK	23.04	-5.2	15.69	34.77	PASS
Band12	5	23095	1	#0	16QAM	23.24	-5.2	15.89	34.77	PASS
Band12	5	23095	1	#Mid	16QAM	23.70	-5.2	16.35	34.77	PASS
Band12	5	23095	1	#Max	16QAM	23.34	-5.2	15.99	34.77	PASS
Band12	5	23095	12	#0	16QAM	21.89	-5.2	14.54	34.77	PASS
Band12	5	23095	12	#Mid	16QAM	22.01	-5.2	14.66	34.77	PASS
Band12	5	23095	12	#Max	16QAM	21.98	-5.2	14.63	34.77	PASS
Band12	5	23095	25	#0	16QAM	22.01	-5.2	14.66	34.77	PASS
Band12	5	23155	1	#0	QPSK	24.08	-5.2	16.73	34.77	PASS
Band12	5	23155	1	#Mid	QPSK	24.27	-5.2	16.92	34.77	PASS
Band12	5	23155	1	#Max	QPSK	24.47	-5.2	17.12	34.77	PASS
Band12	5	23155	12	#0	QPSK	23.21	-5.2	15.86	34.77	PASS
Band12	5	23155	12	#Mid	QPSK	23.22	-5.2	15.87	34.77	PASS
Band12	5	23155	12	#Max	QPSK	23.31	-5.2	15.96	34.77	PASS
Band12	5	23155	25	#0	QPSK	23.23	-5.2	15.88	34.77	PASS
Band12	5	23155	1	#0	16QAM	23.42	-5.2	16.07	34.77	PASS
Band12	5	23155	1	#Mid	16QAM	23.78	-5.2	16.43	34.77	PASS
Band12	5	23155	1	#Max	16QAM	23.60	-5.2	16.25	34.77	PASS
Band12	5	23155	12	#0	16QAM	22.25	-5.2	14.90	34.77	PASS
Band12	5	23155	12	#Mid	16QAM	22.33	-5.2	14.98	34.77	PASS
Band12	5	23155	12	#Max	16QAM	22.32	-5.2	14.97	34.77	PASS
Band12	5	23155	25	#0	16QAM	22.26	-5.2	14.91	34.77	PASS
Band12	10	23060	1	#0	QPSK	23.99	-5.2	16.64	34.77	PASS
Band12	10	23060	1	#Mid	QPSK	24.30	-5.2	16.95	34.77	PASS
Band12	10	23060	1	#Max	QPSK	23.97	-5.2	16.62	34.77	PASS
Band12	10	23060	25	#0	QPSK	23.04	-5.2	15.69	34.77	PASS



Report

Band12	10	23060	25	#Mid	QPSK	23.04	-5.2	15.69	34.77	PASS
Band12	10	23060	25	#Max	QPSK	22.97	-5.2	15.62	34.77	PASS
Band12	10	23060	50	#0	QPSK	23.02	-5.2	15.67	34.77	PASS
Band12	10	23060	1	#0	16QAM	22.91	-5.2	15.56	34.77	PASS
Band12	10	23060	1	#Mid	16QAM	23.03	-5.2	15.68	34.77	PASS
Band12	10	23060	1	#Max	16QAM	22.98	-5.2	15.63	34.77	PASS
Band12	10	23060	25	#0	16QAM	22.05	-5.2	14.70	34.77	PASS
Band12	10	23060	25	#Mid	16QAM	21.98	-5.2	14.63	34.77	PASS
Band12	10	23060	25	#Max	16QAM	22.12	-5.2	14.77	34.77	PASS
Band12	10	23060	50	#0	16QAM	22.06	-5.2	14.71	34.77	PASS
Band12	10	23095	1	#0	QPSK	23.97	-5.2	16.62	34.77	PASS
Band12	10	23095	1	#Mid	QPSK	24.52	-5.2	17.17	34.77	PASS
Band12	10	23095	1	#Max	QPSK	24.09	-5.2	16.74	34.77	PASS
Band12	10	23095	25	#0	QPSK	22.98	-5.2	15.63	34.77	PASS
Band12	10	23095	25	#Mid	QPSK	23.10	-5.2	15.75	34.77	PASS
Band12	10	23095	25	#Max	QPSK	23.06	-5.2	15.71	34.77	PASS
Band12	10	23095	50	#0	QPSK	23.04	-5.2	15.69	34.77	PASS
Band12	10	23095	1	#0	16QAM	23.42	-5.2	16.07	34.77	PASS
Band12	10	23095	1	#Mid	16QAM	23.54	-5.2	16.19	34.77	PASS
Band12	10	23095	1	#Max	16QAM	23.63	-5.2	16.28	34.77	PASS
Band12	10	23095	25	#0	16QAM	22.00	-5.2	14.65	34.77	PASS
Band12	10	23095	25	#Mid	16QAM	22.05	-5.2	14.70	34.77	PASS
Band12	10	23095	25	#Max	16QAM	22.12	-5.2	14.77	34.77	PASS
Band12	10	23095	50	#0	16QAM	22.03	-5.2	14.68	34.77	PASS
Band12	10	23130	1	#0	QPSK	24.07	-5.2	16.72	34.77	PASS
Band12	10	23130	1	#Mid	QPSK	24.58	-5.2	17.23	34.77	PASS
Band12	10	23130	1	#Max	QPSK	24.31	-5.2	16.96	34.77	PASS
Band12	10	23130	25	#0	QPSK	23.26	-5.2	15.91	34.77	PASS
Band12	10	23130	25	#Mid	QPSK	23.35	-5.2	16.00	34.77	PASS
Band12	10	23130	25	#Max	QPSK	23.33	-5.2	15.98	34.77	PASS
Band12	10	23130	50	#0	QPSK	23.31	-5.2	15.96	34.77	PASS
Band12	10	23130	1	#0	16QAM	23.20	-5.2	15.85	34.77	PASS
Band12	10	23130	1	#Mid	16QAM	23.37	-5.2	16.02	34.77	PASS
Band12	10	23130	1	#Max	16QAM	23.58	-5.2	16.23	34.77	PASS
Band12	10	23130	25	#0	16QAM	22.14	-5.2	14.79	34.77	PASS
Band12	10	23130	25	#Mid	16QAM	22.18	-5.2	14.83	34.77	PASS
Band12	10	23130	25	#Max	16QAM	22.24	-5.2	14.89	34.77	PASS
Band12	10	23130	50	#0	16QAM	22.21	-5.2	14.86	34.77	PASS



Report

Band	Bandwidth (MHz)	UL Channel	RB Size	RB Position	Modulation	Power (dBm)	Gain (dB)	ERP (dBm)	ERP Limit (dBm)	Verdict
Band13	5	23205	1	#0	QPSK	24.51	-5.8	16.56	34.77	PASS
Band13	5	23205	1	#Mid	QPSK	24.66	-5.8	16.71	34.77	PASS
Band13	5	23205	1	#Max	QPSK	24.33	-5.8	16.38	34.77	PASS
Band13	5	23205	12	#0	QPSK	23.59	-5.8	15.64	34.77	PASS
Band13	5	23205	12	#Mid	QPSK	23.56	-5.8	15.61	34.77	PASS
Band13	5	23205	12	#Max	QPSK	23.53	-5.8	15.58	34.77	PASS
Band13	5	23205	25	#0	QPSK	23.57	-5.8	15.62	34.77	PASS
Band13	5	23205	1	#0	16QAM	23.86	-5.8	15.91	34.77	PASS
Band13	5	23205	1	#Mid	16QAM	24.11	-5.8	16.16	34.77	PASS
Band13	5	23205	1	#Max	16QAM	23.69	-5.8	15.74	34.77	PASS
Band13	5	23205	12	#0	16QAM	22.58	-5.8	14.63	34.77	PASS
Band13	5	23205	12	#Mid	16QAM	22.62	-5.8	14.67	34.77	PASS
Band13	5	23205	12	#Max	16QAM	22.54	-5.8	14.59	34.77	PASS
Band13	5	23205	25	#0	16QAM	22.53	-5.8	14.58	34.77	PASS
Band13	5	23230	1	#0	QPSK	24.36	-5.8	16.41	34.77	PASS
Band13	5	23230	1	#Mid	QPSK	24.77	-5.8	16.82	34.77	PASS
Band13	5	23230	1	#Max	QPSK	24.30	-5.8	16.35	34.77	PASS
Band13	5	23230	12	#0	QPSK	23.45	-5.8	15.50	34.77	PASS
Band13	5	23230	12	#Mid	QPSK	23.46	-5.8	15.51	34.77	PASS
Band13	5	23230	12	#Max	QPSK	23.40	-5.8	15.45	34.77	PASS
Band13	5	23230	25	#0	QPSK	23.45	-5.8	15.50	34.77	PASS
Band13	5	23230	1	#0	16QAM	23.94	-5.8	15.99	34.77	PASS
Band13	5	23230	1	#Mid	16QAM	24.32	-5.8	16.37	34.77	PASS
Band13	5	23230	1	#Max	16QAM	23.80	-5.8	15.85	34.77	PASS
Band13	5	23230	12	#0	16QAM	22.42	-5.8	14.47	34.77	PASS
Band13	5	23230	12	#Mid	16QAM	22.49	-5.8	14.54	34.77	PASS
Band13	5	23230	12	#Max	16QAM	22.45	-5.8	14.50	34.77	PASS
Band13	5	23230	25	#0	16QAM	22.42	-5.8	14.47	34.77	PASS
Band13	5	23255	1	#0	QPSK	24.32	-5.8	16.37	34.77	PASS
Band13	5	23255	1	#Mid	QPSK	24.63	-5.8	16.68	34.77	PASS
Band13	5	23255	1	#Max	QPSK	24.31	-5.8	16.36	34.77	PASS
Band13	5	23255	12	#0	QPSK	23.32	-5.8	15.37	34.77	PASS
Band13	5	23255	12	#Mid	QPSK	23.42	-5.8	15.47	34.77	PASS
Band13	5	23255	12	#Max	QPSK	23.31	-5.8	15.36	34.77	PASS
Band13	5	23255	25	#0	QPSK	23.33	-5.8	15.38	34.77	PASS
Band13	5	23255	1	#0	16QAM	23.65	-5.8	15.70	34.77	PASS
Band13	5	23255	1	#Mid	16QAM	23.98	-5.8	16.03	34.77	PASS
Band13	5	23255	1	#Max	16QAM	23.65	-5.8	15.70	34.77	PASS
Band13	5	23255	12	#0	16QAM	22.35	-5.8	14.40	34.77	PASS
Band13	5	23255	12	#Mid	16QAM	22.38	-5.8	14.43	34.77	PASS
Band13	5	23255	12	#Max	16QAM	22.29	-5.8	14.34	34.77	PASS
Band13	5	23255	25	#0	16QAM	22.37	-5.8	14.42	34.77	PASS



Report

Band13	10	23230	1	#0	QPSK	24.85	-5.8	16.90	34.77	PASS
Band13	10	23230	1	#Mid	QPSK	24.79	-5.8	16.84	34.77	PASS
Band13	10	23230	1	#Max	QPSK	24.66	-5.8	16.71	34.77	PASS
Band13	10	23230	25	#0	QPSK	23.51	-5.8	15.56	34.77	PASS
Band13	10	23230	25	#Mid	QPSK	23.46	-5.8	15.51	34.77	PASS
Band13	10	23230	25	#Max	QPSK	23.37	-5.8	15.42	34.77	PASS
Band13	10	23230	50	#0	QPSK	23.40	-5.8	15.45	34.77	PASS
Band13	10	23230	1	#0	16QAM	23.99	-5.8	16.04	34.77	PASS
Band13	10	23230	1	#Mid	16QAM	23.93	-5.8	15.98	34.77	PASS
Band13	10	23230	1	#Max	16QAM	23.77	-5.8	15.82	34.77	PASS
Band13	10	23230	25	#0	16QAM	22.50	-5.8	14.55	34.77	PASS
Band13	10	23230	25	#Mid	16QAM	22.45	-5.8	14.50	34.77	PASS
Band13	10	23230	25	#Max	16QAM	22.42	-5.8	14.47	34.77	PASS
Band13	10	23230	50	#0	16QAM	22.46	-5.8	14.51	34.77	PASS



Report

Band	Bandwidth (MHz)	UL Channel	RB Size	RB Position	Modulation	Power (dBm)	Gain (dB)	ERP (dBm)	ERP Limit (dBm)	Verdict
Band17	5	23755	1	#0	QPSK	24.10	-5.2	16.75	34.77	PASS
Band17	5	23755	1	#Mid	QPSK	24.38	-5.2	17.03	34.77	PASS
Band17	5	23755	1	#Max	QPSK	24.45	-5.2	17.10	34.77	PASS
Band17	5	23755	12	#0	QPSK	23.11	-5.2	15.76	34.77	PASS
Band17	5	23755	12	#Mid	QPSK	23.20	-5.2	15.85	34.77	PASS
Band17	5	23755	12	#Max	QPSK	23.25	-5.2	15.90	34.77	PASS
Band17	5	23755	25	#0	QPSK	23.11	-5.2	15.76	34.77	PASS
Band17	5	23755	1	#0	16QAM	23.37	-5.2	16.02	34.77	PASS
Band17	5	23755	1	#Mid	16QAM	23.69	-5.2	16.34	34.77	PASS
Band17	5	23755	1	#Max	16QAM	23.37	-5.2	16.02	34.77	PASS
Band17	5	23755	12	#0	16QAM	22.03	-5.2	14.68	34.77	PASS
Band17	5	23755	12	#Mid	16QAM	22.17	-5.2	14.82	34.77	PASS
Band17	5	23755	12	#Max	16QAM	22.21	-5.2	14.86	34.77	PASS
Band17	5	23755	25	#0	16QAM	22.10	-5.2	14.75	34.77	PASS
Band17	5	23790	1	#0	QPSK	24.10	-5.2	16.75	34.77	PASS
Band17	5	23790	1	#Mid	QPSK	24.29	-5.2	16.94	34.77	PASS
Band17	5	23790	1	#Max	QPSK	24.43	-5.2	17.08	34.77	PASS
Band17	5	23790	12	#0	QPSK	23.19	-5.2	15.84	34.77	PASS
Band17	5	23790	12	#Mid	QPSK	23.22	-5.2	15.87	34.77	PASS
Band17	5	23790	12	#Max	QPSK	23.28	-5.2	15.93	34.77	PASS
Band17	5	23790	25	#0	QPSK	23.22	-5.2	15.87	34.77	PASS
Band17	5	23790	1	#0	16QAM	23.57	-5.2	16.22	34.77	PASS
Band17	5	23790	1	#Mid	16QAM	24.04	-5.2	16.69	34.77	PASS
Band17	5	23790	1	#Max	16QAM	23.74	-5.2	16.39	34.77	PASS
Band17	5	23790	12	#0	16QAM	22.19	-5.2	14.84	34.77	PASS
Band17	5	23790	12	#Mid	16QAM	22.23	-5.2	14.88	34.77	PASS
Band17	5	23790	12	#Max	16QAM	22.19	-5.2	14.84	34.77	PASS
Band17	5	23790	25	#0	16QAM	22.17	-5.2	14.82	34.77	PASS
Band17	5	23825	1	#0	QPSK	24.10	-5.2	16.75	34.77	PASS
Band17	5	23825	1	#Mid	QPSK	24.36	-5.2	17.01	34.77	PASS
Band17	5	23825	1	#Max	QPSK	24.52	-5.2	17.17	34.77	PASS
Band17	5	23825	12	#0	QPSK	23.26	-5.2	15.91	34.77	PASS
Band17	5	23825	12	#Mid	QPSK	23.30	-5.2	15.95	34.77	PASS
Band17	5	23825	12	#Max	QPSK	23.35	-5.2	16.00	34.77	PASS
Band17	5	23825	25	#0	QPSK	23.32	-5.2	15.97	34.77	PASS
Band17	5	23825	1	#0	16QAM	23.47	-5.2	16.12	34.77	PASS
Band17	5	23825	1	#Mid	16QAM	23.97	-5.2	16.62	34.77	PASS
Band17	5	23825	1	#Max	16QAM	23.74	-5.2	16.39	34.77	PASS
Band17	5	23825	12	#0	16QAM	22.29	-5.2	14.94	34.77	PASS
Band17	5	23825	12	#Mid	16QAM	22.36	-5.2	15.01	34.77	PASS
Band17	5	23825	12	#Max	16QAM	22.33	-5.2	14.98	34.77	PASS
Band17	5	23825	25	#0	16QAM	22.39	-5.2	15.04	34.77	PASS



Report

Band17	10	23780	1	#0	QPSK	24.01	-5.2	16.66	34.77	PASS
Band17	10	23780	1	#Mid	QPSK	24.45	-5.2	17.10	34.77	PASS
Band17	10	23780	1	#Max	QPSK	24.10	-5.2	16.75	34.77	PASS
Band17	10	23780	25	#0	QPSK	23.07	-5.2	15.72	34.77	PASS
Band17	10	23780	25	#Mid	QPSK	23.16	-5.2	15.81	34.77	PASS
Band17	10	23780	25	#Max	QPSK	23.21	-5.2	15.86	34.77	PASS
Band17	10	23780	50	#0	QPSK	23.16	-5.2	15.81	34.77	PASS
Band17	10	23780	1	#0	16QAM	22.92	-5.2	15.57	34.77	PASS
Band17	10	23780	1	#Mid	16QAM	23.17	-5.2	15.82	34.77	PASS
Band17	10	23780	1	#Max	16QAM	23.29	-5.2	15.94	34.77	PASS
Band17	10	23780	25	#0	16QAM	22.04	-5.2	14.69	34.77	PASS
Band17	10	23780	25	#Mid	16QAM	22.14	-5.2	14.79	34.77	PASS
Band17	10	23780	25	#Max	16QAM	22.23	-5.2	14.88	34.77	PASS
Band17	10	23780	50	#0	16QAM	22.08	-5.2	14.73	34.77	PASS
Band17	10	23790	1	#0	QPSK	24.10	-5.2	16.75	34.77	PASS
Band17	10	23790	1	#Mid	QPSK	24.47	-5.2	17.12	34.77	PASS
Band17	10	23790	1	#Max	QPSK	24.26	-5.2	16.91	34.77	PASS
Band17	10	23790	25	#0	QPSK	23.25	-5.2	15.90	34.77	PASS
Band17	10	23790	25	#Mid	QPSK	23.32	-5.2	15.97	34.77	PASS
Band17	10	23790	25	#Max	QPSK	23.25	-5.2	15.90	34.77	PASS
Band17	10	23790	50	#0	QPSK	23.26	-5.2	15.91	34.77	PASS
Band17	10	23790	1	#0	16QAM	23.46	-5.2	16.11	34.77	PASS
Band17	10	23790	1	#Mid	16QAM	23.67	-5.2	16.32	34.77	PASS
Band17	10	23790	1	#Max	16QAM	23.78	-5.2	16.43	34.77	PASS
Band17	10	23790	25	#0	16QAM	22.15	-5.2	14.80	34.77	PASS
Band17	10	23790	25	#Mid	16QAM	22.25	-5.2	14.90	34.77	PASS
Band17	10	23790	25	#Max	16QAM	22.29	-5.2	14.94	34.77	PASS
Band17	10	23790	50	#0	16QAM	22.20	-5.2	14.85	34.77	PASS
Band17	10	23800	1	#0	QPSK	24.14	-5.2	16.79	34.77	PASS
Band17	10	23800	1	#Mid	QPSK	24.74	-5.2	17.39	34.77	PASS
Band17	10	23800	1	#Max	QPSK	24.46	-5.2	17.11	34.77	PASS
Band17	10	23800	25	#0	QPSK	23.37	-5.2	16.02	34.77	PASS
Band17	10	23800	25	#Mid	QPSK	23.46	-5.2	16.11	34.77	PASS
Band17	10	23800	25	#Max	QPSK	23.41	-5.2	16.06	34.77	PASS
Band17	10	23800	50	#0	QPSK	23.40	-5.2	16.05	34.77	PASS
Band17	10	23800	1	#0	16QAM	23.23	-5.2	15.88	34.77	PASS
Band17	10	23800	1	#Mid	16QAM	23.50	-5.2	16.15	34.77	PASS
Band17	10	23800	1	#Max	16QAM	23.66	-5.2	16.31	34.77	PASS
Band17	10	23800	25	#0	16QAM	22.19	-5.2	14.84	34.77	PASS
Band17	10	23800	25	#Mid	16QAM	22.27	-5.2	14.92	34.77	PASS
Band17	10	23800	25	#Max	16QAM	22.34	-5.2	14.99	34.77	PASS
Band17	10	23800	50	#0	16QAM	22.32	-5.2	14.97	34.77	PASS



Report

Band	Bandwidth (MHz)	UL Channel	RB Size	RB Position	Modulation	Power (dBm)	Gain (dB)	EIRP (dBm)	EIRP Limit (dBm)	Verdict
Band38	5	37775	1	#0	QPSK	22.93	-0.2	22.73	33.01	PASS
Band38	5	37775	1	#Mid	QPSK	23.12	-0.2	22.92	33.01	PASS
Band38	5	37775	1	#Max	QPSK	22.59	-0.2	22.39	33.01	PASS
Band38	5	37775	12	#0	QPSK	22.04	-0.2	21.84	33.01	PASS
Band38	5	37775	12	#Mid	QPSK	22.00	-0.2	21.80	33.01	PASS
Band38	5	37775	12	#Max	QPSK	21.91	-0.2	21.71	33.01	PASS
Band38	5	37775	25	#0	QPSK	21.98	-0.2	21.78	33.01	PASS
Band38	5	37775	1	#0	16QAM	22.32	-0.2	22.12	33.01	PASS
Band38	5	37775	1	#Mid	16QAM	22.51	-0.2	22.31	33.01	PASS
Band38	5	37775	1	#Max	16QAM	22.23	-0.2	22.03	33.01	PASS
Band38	5	37775	12	#0	16QAM	21.04	-0.2	20.84	33.01	PASS
Band38	5	37775	12	#Mid	16QAM	21.08	-0.2	20.88	33.01	PASS
Band38	5	37775	12	#Max	16QAM	20.99	-0.2	20.79	33.01	PASS
Band38	5	37775	25	#0	16QAM	21.14	-0.2	20.94	33.01	PASS
Band38	5	38000	1	#0	QPSK	22.93	-0.2	22.73	33.01	PASS
Band38	5	38000	1	#Mid	QPSK	23.23	-0.2	23.03	33.01	PASS
Band38	5	38000	1	#Max	QPSK	23.12	-0.2	22.92	33.01	PASS
Band38	5	38000	12	#0	QPSK	22.09	-0.2	21.89	33.01	PASS
Band38	5	38000	12	#Mid	QPSK	22.12	-0.2	21.92	33.01	PASS
Band38	5	38000	12	#Max	QPSK	22.17	-0.2	21.97	33.01	PASS
Band38	5	38000	25	#0	QPSK	22.18	-0.2	21.98	33.01	PASS
Band38	5	38000	1	#0	16QAM	22.27	-0.2	22.07	33.01	PASS
Band38	5	38000	1	#Mid	16QAM	22.60	-0.2	22.40	33.01	PASS
Band38	5	38000	1	#Max	16QAM	22.35	-0.2	22.15	33.01	PASS
Band38	5	38000	12	#0	16QAM	21.11	-0.2	20.91	33.01	PASS
Band38	5	38000	12	#Mid	16QAM	21.16	-0.2	20.96	33.01	PASS
Band38	5	38000	12	#Max	16QAM	21.11	-0.2	20.91	33.01	PASS
Band38	5	38000	25	#0	16QAM	21.07	-0.2	20.87	33.01	PASS
Band38	5	38225	1	#0	QPSK	23.16	-0.2	22.96	33.01	PASS
Band38	5	38225	1	#Mid	QPSK	23.85	-0.2	23.65	33.01	PASS
Band38	5	38225	1	#Max	QPSK	23.65	-0.2	23.45	33.01	PASS
Band38	5	38225	12	#0	QPSK	22.52	-0.2	22.32	33.01	PASS
Band38	5	38225	12	#Mid	QPSK	22.69	-0.2	22.49	33.01	PASS
Band38	5	38225	12	#Max	QPSK	22.69	-0.2	22.49	33.01	PASS
Band38	5	38225	25	#0	QPSK	22.62	-0.2	22.42	33.01	PASS
Band38	5	38225	1	#0	16QAM	23.36	-0.2	23.16	33.01	PASS
Band38	5	38225	1	#Mid	16QAM	23.64	-0.2	23.44	33.01	PASS
Band38	5	38225	1	#Max	16QAM	23.37	-0.2	23.17	33.01	PASS
Band38	5	38225	12	#0	16QAM	21.80	-0.2	21.60	33.01	PASS
Band38	5	38225	12	#Mid	16QAM	21.89	-0.2	21.69	33.01	PASS
Band38	5	38225	12	#Max	16QAM	21.83	-0.2	21.63	33.01	PASS
Band38	5	38225	25	#0	16QAM	21.77	-0.2	21.57	33.01	PASS



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Band38	10	37800	1	#0	QPSK	23.12	-0.2	22.92	33.01	PASS
Band38	10	37800	1	#Mid	QPSK	23.23	-0.2	23.03	33.01	PASS
Band38	10	37800	1	#Max	QPSK	23.00	-0.2	22.80	33.01	PASS
Band38	10	37800	25	#0	QPSK	22.09	-0.2	21.89	33.01	PASS
Band38	10	37800	25	#Mid	QPSK	22.06	-0.2	21.86	33.01	PASS
Band38	10	37800	25	#Max	QPSK	22.08	-0.2	21.88	33.01	PASS
Band38	10	37800	50	#0	QPSK	22.08	-0.2	21.88	33.01	PASS
Band38	10	37800	1	#0	16QAM	22.07	-0.2	21.87	33.01	PASS
Band38	10	37800	1	#Mid	16QAM	22.17	-0.2	21.97	33.01	PASS
Band38	10	37800	1	#Max	16QAM	21.95	-0.2	21.75	33.01	PASS
Band38	10	37800	25	#0	16QAM	21.14	-0.2	20.94	33.01	PASS
Band38	10	37800	25	#Mid	16QAM	21.11	-0.2	20.91	33.01	PASS
Band38	10	37800	25	#Max	16QAM	21.13	-0.2	20.93	33.01	PASS
Band38	10	37800	50	#0	16QAM	21.13	-0.2	20.93	33.01	PASS
Band38	10	38000	1	#0	QPSK	22.99	-0.2	22.79	33.01	PASS
Band38	10	38000	1	#Mid	QPSK	23.16	-0.2	22.96	33.01	PASS
Band38	10	38000	1	#Max	QPSK	23.12	-0.2	22.92	33.01	PASS
Band38	10	38000	25	#0	QPSK	22.12	-0.2	21.92	33.01	PASS
Band38	10	38000	25	#Mid	QPSK	22.16	-0.2	21.96	33.01	PASS
Band38	10	38000	25	#Max	QPSK	22.17	-0.2	21.97	33.01	PASS
Band38	10	38000	50	#0	QPSK	22.17	-0.2	21.97	33.01	PASS
Band38	10	38000	1	#0	16QAM	22.51	-0.2	22.31	33.01	PASS
Band38	10	38000	1	#Mid	16QAM	22.71	-0.2	22.51	33.01	PASS
Band38	10	38000	1	#Max	16QAM	22.68	-0.2	22.48	33.01	PASS
Band38	10	38000	25	#0	16QAM	21.19	-0.2	20.99	33.01	PASS
Band38	10	38000	25	#Mid	16QAM	21.17	-0.2	20.97	33.01	PASS
Band38	10	38000	25	#Max	16QAM	21.23	-0.2	21.03	33.01	PASS
Band38	10	38000	50	#0	16QAM	21.19	-0.2	20.99	33.01	PASS
Band38	10	38200	1	#0	QPSK	23.70	-0.2	23.50	33.01	PASS
Band38	10	38200	1	#Mid	QPSK	23.93	-0.2	23.73	33.01	PASS
Band38	10	38200	1	#Max	QPSK	23.85	-0.2	23.65	33.01	PASS
Band38	10	38200	25	#0	QPSK	22.81	-0.2	22.61	33.01	PASS
Band38	10	38200	25	#Mid	QPSK	22.83	-0.2	22.63	33.01	PASS
Band38	10	38200	25	#Max	QPSK	22.85	-0.2	22.65	33.01	PASS
Band38	10	38200	50	#0	QPSK	22.83	-0.2	22.63	33.01	PASS
Band38	10	38200	1	#0	16QAM	22.83	-0.2	22.63	33.01	PASS
Band38	10	38200	1	#Mid	16QAM	23.09	-0.2	22.89	33.01	PASS
Band38	10	38200	1	#Max	16QAM	22.98	-0.2	22.78	33.01	PASS
Band38	10	38200	25	#0	16QAM	21.82	-0.2	21.62	33.01	PASS
Band38	10	38200	25	#Mid	16QAM	21.86	-0.2	21.66	33.01	PASS
Band38	10	38200	25	#Max	16QAM	21.86	-0.2	21.66	33.01	PASS
Band38	10	38200	50	#0	16QAM	21.88	-0.2	21.68	33.01	PASS
Band38	15	37825	1	#0	QPSK	23.14	-0.2	22.94	33.01	PASS
Band38	15	37825	1	#Mid	QPSK	23.35	-0.2	23.15	33.01	PASS



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Band38	15	37825	1	#Max	QPSK	22.88	-0.2	22.68	33.01	PASS
Band38	15	37825	36	#0	QPSK	22.11	-0.2	21.91	33.01	PASS
Band38	15	37825	36	#Mid	QPSK	22.08	-0.2	21.88	33.01	PASS
Band38	15	37825	36	#Max	QPSK	21.99	-0.2	21.79	33.01	PASS
Band38	15	37825	75	#0	QPSK	22.04	-0.2	21.84	33.01	PASS
Band38	15	37825	1	#0	16QAM	22.25	-0.2	22.05	33.01	PASS
Band38	15	37825	1	#Mid	16QAM	22.50	-0.2	22.30	33.01	PASS
Band38	15	37825	1	#Max	16QAM	22.01	-0.2	21.81	33.01	PASS
Band38	15	37825	36	#0	16QAM	21.08	-0.2	20.88	33.01	PASS
Band38	15	37825	36	#Mid	16QAM	21.02	-0.2	20.82	33.01	PASS
Band38	15	37825	36	#Max	16QAM	20.97	-0.2	20.77	33.01	PASS
Band38	15	37825	75	#0	16QAM	21.13	-0.2	20.93	33.01	PASS
Band38	15	38000	1	#0	QPSK	23.03	-0.2	22.83	33.01	PASS
Band38	15	38000	1	#Mid	QPSK	23.28	-0.2	23.08	33.01	PASS
Band38	15	38000	1	#Max	QPSK	23.15	-0.2	22.95	33.01	PASS
Band38	15	38000	36	#0	QPSK	22.11	-0.2	21.91	33.01	PASS
Band38	15	38000	36	#Mid	QPSK	22.17	-0.2	21.97	33.01	PASS
Band38	15	38000	36	#Max	QPSK	22.25	-0.2	22.05	33.01	PASS
Band38	15	38000	75	#0	QPSK	22.19	-0.2	21.99	33.01	PASS
Band38	15	38000	1	#0	16QAM	22.49	-0.2	22.29	33.01	PASS
Band38	15	38000	1	#Mid	16QAM	22.81	-0.2	22.61	33.01	PASS
Band38	15	38000	1	#Max	16QAM	22.68	-0.2	22.48	33.01	PASS
Band38	15	38000	36	#0	16QAM	21.14	-0.2	20.94	33.01	PASS
Band38	15	38000	36	#Mid	16QAM	21.19	-0.2	20.99	33.01	PASS
Band38	15	38000	36	#Max	16QAM	21.25	-0.2	21.05	33.01	PASS
Band38	15	38000	75	#0	16QAM	21.18	-0.2	20.98	33.01	PASS
Band38	15	38175	1	#0	QPSK	23.44	-0.2	23.24	33.01	PASS
Band38	15	38175	1	#Mid	QPSK	23.94	-0.2	23.74	33.01	PASS
Band38	15	38175	1	#Max	QPSK	23.73	-0.2	23.53	33.01	PASS
Band38	15	38175	36	#0	QPSK	22.70	-0.2	22.50	33.01	PASS
Band38	15	38175	36	#Mid	QPSK	22.80	-0.2	22.60	33.01	PASS
Band38	15	38175	36	#Max	QPSK	22.84	-0.2	22.64	33.01	PASS
Band38	15	38175	75	#0	QPSK	22.77	-0.2	22.57	33.01	PASS
Band38	15	38175	1	#0	16QAM	22.59	-0.2	22.39	33.01	PASS
Band38	15	38175	1	#Mid	16QAM	23.08	-0.2	22.88	33.01	PASS
Band38	15	38175	1	#Max	16QAM	22.87	-0.2	22.67	33.01	PASS
Band38	15	38175	36	#0	16QAM	21.71	-0.2	21.51	33.01	PASS
Band38	15	38175	36	#Mid	16QAM	21.82	-0.2	21.62	33.01	PASS
Band38	15	38175	36	#Max	16QAM	21.86	-0.2	21.66	33.01	PASS
Band38	15	38175	75	#0	16QAM	21.71	-0.2	21.51	33.01	PASS
Band38	20	37850	1	#0	QPSK	23.07	-0.2	22.87	33.01	PASS
Band38	20	37850	1	#Mid	QPSK	23.27	-0.2	23.07	33.01	PASS
Band38	20	37850	1	#Max	QPSK	22.96	-0.2	22.76	33.01	PASS
Band38	20	37850	50	#0	QPSK	22.03	-0.2	21.83	33.01	PASS



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Band38	20	37850	50	#Mid	QPSK	22.07	-0.2	21.87	33.01	PASS
Band38	20	37850	50	#Max	QPSK	22.01	-0.2	21.81	33.01	PASS
Band38	20	37850	100	#0	QPSK	22.06	-0.2	21.86	33.01	PASS
Band38	20	37850	1	#0	16QAM	22.17	-0.2	21.97	33.01	PASS
Band38	20	37850	1	#Mid	16QAM	22.40	-0.2	22.20	33.01	PASS
Band38	20	37850	1	#Max	16QAM	21.88	-0.2	21.68	33.01	PASS
Band38	20	37850	50	#0	16QAM	21.14	-0.2	20.94	33.01	PASS
Band38	20	37850	50	#Mid	16QAM	21.10	-0.2	20.90	33.01	PASS
Band38	20	37850	50	#Max	16QAM	21.02	-0.2	20.82	33.01	PASS
Band38	20	37850	100	#0	16QAM	21.02	-0.2	20.82	33.01	PASS
Band38	20	38000	1	#0	QPSK	22.92	-0.2	22.72	33.01	PASS
Band38	20	38000	1	#Mid	QPSK	23.23	-0.2	23.03	33.01	PASS
Band38	20	38000	1	#Max	QPSK	22.96	-0.2	22.76	33.01	PASS
Band38	20	38000	50	#0	QPSK	22.05	-0.2	21.85	33.01	PASS
Band38	20	38000	50	#Mid	QPSK	22.13	-0.2	21.93	33.01	PASS
Band38	20	38000	50	#Max	QPSK	22.06	-0.2	21.86	33.01	PASS
Band38	20	38000	100	#0	QPSK	22.08	-0.2	21.88	33.01	PASS
Band38	20	38000	1	#0	16QAM	22.16	-0.2	21.96	33.01	PASS
Band38	20	38000	1	#Mid	16QAM	22.49	-0.2	22.29	33.01	PASS
Band38	20	38000	1	#Max	16QAM	22.37	-0.2	22.17	33.01	PASS
Band38	20	38000	50	#0	16QAM	21.15	-0.2	20.95	33.01	PASS
Band38	20	38000	50	#Mid	16QAM	21.15	-0.2	20.95	33.01	PASS
Band38	20	38000	50	#Max	16QAM	21.17	-0.2	20.97	33.01	PASS
Band38	20	38000	100	#0	16QAM	21.19	-0.2	20.99	33.01	PASS
Band38	20	38150	1	#0	QPSK	23.73	-0.2	23.53	33.01	PASS
Band38	20	38150	1	#Mid	QPSK	24.04	-0.2	23.84	33.01	PASS
Band38	20	38150	1	#Max	QPSK	23.73	-0.2	23.53	33.01	PASS
Band38	20	38150	50	#0	QPSK	22.83	-0.2	22.63	33.01	PASS
Band38	20	38150	50	#Mid	QPSK	22.91	-0.2	22.71	33.01	PASS
Band38	20	38150	50	#Max	QPSK	22.85	-0.2	22.65	33.01	PASS
Band38	20	38150	100	#0	QPSK	22.80	-0.2	22.60	33.01	PASS
Band38	20	38150	1	#0	16QAM	22.39	-0.2	22.19	33.01	PASS
Band38	20	38150	1	#Mid	16QAM	23.03	-0.2	22.83	33.01	PASS
Band38	20	38150	1	#Max	16QAM	22.83	-0.2	22.63	33.01	PASS
Band38	20	38150	50	#0	16QAM	21.57	-0.2	21.37	33.01	PASS
Band38	20	38150	50	#Mid	16QAM	21.72	-0.2	21.52	33.01	PASS
Band38	20	38150	50	#Max	16QAM	21.75	-0.2	21.55	33.01	PASS
Band38	20	38150	100	#0	16QAM	21.68	-0.2	21.48	33.01	PASS



Report

Band	Bandwidth (MHz)	UL Channel	RB Size	RB Position	Modulation	Power (dBm)	Gain (dB)	EIRP (dBm)	EIRP Limit (dBm)	Verdict
Band40(2350-2360)	5	39175	1	#0	QPSK	9.08	2	11.08	23.98	PASS
Band40(2350-2360)	5	39175	1	#Mid	QPSK	9.31	2	11.31	23.98	PASS
Band40(2350-2360)	5	39175	1	#Max	QPSK	9.00	2	11.00	23.98	PASS
Band40(2350-2360)	5	39175	12	#0	QPSK	8.09	2	10.09	23.98	PASS
Band40(2350-2360)	5	39175	12	#Mid	QPSK	8.15	2	10.15	23.98	PASS
Band40(2350-2360)	5	39175	12	#Max	QPSK	8.08	2	10.08	23.98	PASS
Band40(2350-2360)	5	39175	25	#0	QPSK	8.08	2	10.08	23.98	PASS
Band40(2350-2360)	5	39175	1	#0	16QAM	8.38	2	10.38	23.98	PASS
Band40(2350-2360)	5	39175	1	#Mid	16QAM	8.65	2	10.65	23.98	PASS
Band40(2350-2360)	5	39175	1	#Max	16QAM	8.31	2	10.31	23.98	PASS
Band40(2350-2360)	5	39175	12	#0	16QAM	6.98	2	8.98	23.98	PASS
Band40(2350-2360)	5	39175	12	#Mid	16QAM	7.08	2	9.08	23.98	PASS
Band40(2350-2360)	5	39175	12	#Max	16QAM	6.98	2	8.98	23.98	PASS
Band40(2350-2360)	5	39175	25	#0	16QAM	7.09	2	9.09	23.98	PASS
Band40(2350-2360)	5	39200	1	#0	QPSK	8.97	2	10.97	23.98	PASS
Band40(2350-2360)	5	39200	1	#Mid	QPSK	9.26	2	11.26	23.98	PASS
Band40(2350-2360)	5	39200	1	#Max	QPSK	8.90	2	10.90	23.98	PASS
Band40(2350-2360)	5	39200	12	#0	QPSK	8.04	2	10.04	23.98	PASS
Band40(2350-2360)	5	39200	12	#Mid	QPSK	8.14	2	10.14	23.98	PASS
Band40(2350-2360)	5	39200	12	#Max	QPSK	8.08	2	10.08	23.98	PASS
Band40(2350-2360)	5	39200	25	#0	QPSK	8.03	2	10.03	23.98	PASS
Band40(2350-2360)	5	39200	1	#0	16QAM	8.36	2	10.36	23.98	PASS
Band40(2350-2360)	5	39200	1	#Mid	16QAM	8.61	2	10.61	23.98	PASS
Band40(2350-2360)	5	39200	1	#Max	16QAM	8.32	2	10.32	23.98	PASS
Band40(2350-2360)	5	39200	12	#0	16QAM	6.98	2	8.98	23.98	PASS
Band40(2350-2360)	5	39200	12	#Mid	16QAM	7.12	2	9.12	23.98	PASS
Band40(2350-2360)	5	39200	12	#Max	16QAM	7.03	2	9.03	23.98	PASS
Band40(2350-2360)	5	39200	25	#0	16QAM	7.02	2	9.02	23.98	PASS
Band40(2350-2360)	5	39225	1	#0	QPSK	9.02	2	11.02	23.98	PASS
Band40(2350-2360)	5	39225	1	#Mid	QPSK	9.31	2	11.31	23.98	PASS
Band40(2350-2360)	5	39225	1	#Max	QPSK	8.98	2	10.98	23.98	PASS
Band40(2350-2360)	5	39225	12	#0	QPSK	8.03	2	10.03	23.98	PASS
Band40(2350-2360)	5	39225	12	#Mid	QPSK	8.17	2	10.17	23.98	PASS
Band40(2350-2360)	5	39225	12	#Max	QPSK	8.07	2	10.07	23.98	PASS
Band40(2350-2360)	5	39225	25	#0	QPSK	8.04	2	10.04	23.98	PASS
Band40(2350-2360)	5	39225	1	#0	16QAM	8.66	2	10.66	23.98	PASS
Band40(2350-2360)	5	39225	1	#Mid	16QAM	8.96	2	10.96	23.98	PASS
Band40(2350-2360)	5	39225	1	#Max	16QAM	8.65	2	10.65	23.98	PASS
Band40(2350-2360)	5	39225	12	#0	16QAM	6.96	2	8.96	23.98	PASS
Band40(2350-2360)	5	39225	12	#Mid	16QAM	7.06	2	9.06	23.98	PASS
Band40(2350-2360)	5	39225	12	#Max	16QAM	7.01	2	9.01	23.98	PASS
Band40(2350-2360)	5	39225	25	#0	16QAM	7.04	2	9.04	23.98	PASS



Report

Band40(2350-2360)	10	39200	1	#0	QPSK	9.34	2	11.34	23.98	PASS
Band40(2350-2360)	10	39200	1	#Mid	QPSK	9.56	2	11.56	23.98	PASS
Band40(2350-2360)	10	39200	1	#Max	QPSK	9.35	2	11.35	23.98	PASS
Band40(2350-2360)	10	39200	25	#0	QPSK	8.13	2	10.13	23.98	PASS
Band40(2350-2360)	10	39200	25	#Mid	QPSK	8.08	2	10.08	23.98	PASS
Band40(2350-2360)	10	39200	25	#Max	QPSK	8.11	2	10.11	23.98	PASS
Band40(2350-2360)	10	39200	50	#0	QPSK	8.10	2	10.10	23.98	PASS
Band40(2350-2360)	10	39200	1	#0	16QAM	8.29	2	10.29	23.98	PASS
Band40(2350-2360)	10	39200	1	#Mid	16QAM	8.39	2	10.39	23.98	PASS
Band40(2350-2360)	10	39200	1	#Max	16QAM	8.22	2	10.22	23.98	PASS
Band40(2350-2360)	10	39200	25	#0	16QAM	7.07	2	9.07	23.98	PASS
Band40(2350-2360)	10	39200	25	#Mid	16QAM	7.08	2	9.08	23.98	PASS
Band40(2350-2360)	10	39200	25	#Max	16QAM	7.08	2	9.08	23.98	PASS
Band40(2350-2360)	10	39200	50	#0	16QAM	7.09	2	9.09	23.98	PASS



Report

Band	Bandwidth (MHz)	UL Channel	RB Size	RB Position	Modulation	Power (dBm)	Gain (dB)	EIRP (dBm)	EIRP Limit (dBm)	Verdict
Band40(2305-2315)	5	38725	1	#0	QPSK	9.59	2	11.59	23.98	PASS
Band40(2305-2315)	5	38725	1	#Mid	QPSK	9.85	2	11.85	23.98	PASS
Band40(2305-2315)	5	38725	1	#Max	QPSK	9.48	2	11.48	23.98	PASS
Band40(2305-2315)	5	38725	12	#0	QPSK	8.60	2	10.60	23.98	PASS
Band40(2305-2315)	5	38725	12	#Mid	QPSK	8.63	2	10.63	23.98	PASS
Band40(2305-2315)	5	38725	12	#Max	QPSK	8.56	2	10.56	23.98	PASS
Band40(2305-2315)	5	38725	25	#0	QPSK	8.58	2	10.58	23.98	PASS
Band40(2305-2315)	5	38725	1	#0	16QAM	8.91	2	10.91	23.98	PASS
Band40(2305-2315)	5	38725	1	#Mid	16QAM	9.14	2	11.14	23.98	PASS
Band40(2305-2315)	5	38725	1	#Max	16QAM	8.80	2	10.80	23.98	PASS
Band40(2305-2315)	5	38725	12	#0	16QAM	7.51	2	9.51	23.98	PASS
Band40(2305-2315)	5	38725	12	#Mid	16QAM	7.57	2	9.57	23.98	PASS
Band40(2305-2315)	5	38725	12	#Max	16QAM	7.47	2	9.47	23.98	PASS
Band40(2305-2315)	5	38725	25	#0	16QAM	7.57	2	9.57	23.98	PASS
Band40(2305-2315)	5	38750	1	#0	QPSK	9.49	2	11.49	23.98	PASS
Band40(2305-2315)	5	38750	1	#Mid	QPSK	9.72	2	11.72	23.98	PASS
Band40(2305-2315)	5	38750	1	#Max	QPSK	9.36	2	11.36	23.98	PASS
Band40(2305-2315)	5	38750	12	#0	QPSK	8.56	2	10.56	23.98	PASS
Band40(2305-2315)	5	38750	12	#Mid	QPSK	8.63	2	10.63	23.98	PASS
Band40(2305-2315)	5	38750	12	#Max	QPSK	8.52	2	10.52	23.98	PASS
Band40(2305-2315)	5	38750	25	#0	QPSK	8.50	2	10.50	23.98	PASS
Band40(2305-2315)	5	38750	1	#0	16QAM	8.85	2	10.85	23.98	PASS
Band40(2305-2315)	5	38750	1	#Mid	16QAM	9.10	2	11.10	23.98	PASS
Band40(2305-2315)	5	38750	1	#Max	16QAM	8.77	2	10.77	23.98	PASS
Band40(2305-2315)	5	38750	12	#0	16QAM	7.52	2	9.52	23.98	PASS
Band40(2305-2315)	5	38750	12	#Mid	16QAM	7.57	2	9.57	23.98	PASS
Band40(2305-2315)	5	38750	12	#Max	16QAM	7.48	2	9.48	23.98	PASS
Band40(2305-2315)	5	38750	25	#0	16QAM	7.48	2	9.48	23.98	PASS
Band40(2305-2315)	5	38775	1	#0	QPSK	9.45	2	11.45	23.98	PASS
Band40(2305-2315)	5	38775	1	#Mid	QPSK	9.70	2	11.70	23.98	PASS
Band40(2305-2315)	5	38775	1	#Max	QPSK	9.35	2	11.35	23.98	PASS
Band40(2305-2315)	5	38775	12	#0	QPSK	8.53	2	10.53	23.98	PASS
Band40(2305-2315)	5	38775	12	#Mid	QPSK	8.53	2	10.53	23.98	PASS
Band40(2305-2315)	5	38775	12	#Max	QPSK	8.45	2	10.45	23.98	PASS
Band40(2305-2315)	5	38775	25	#0	QPSK	8.46	2	10.46	23.98	PASS
Band40(2305-2315)	5	38775	1	#0	16QAM	9.11	2	11.11	23.98	PASS
Band40(2305-2315)	5	38775	1	#Mid	16QAM	9.35	2	11.35	23.98	PASS
Band40(2305-2315)	5	38775	1	#Max	16QAM	9.01	2	11.01	23.98	PASS
Band40(2305-2315)	5	38775	12	#0	16QAM	7.46	2	9.46	23.98	PASS
Band40(2305-2315)	5	38775	12	#Mid	16QAM	7.46	2	9.46	23.98	PASS
Band40(2305-2315)	5	38775	12	#Max	16QAM	7.41	2	9.41	23.98	PASS
Band40(2305-2315)	5	38775	25	#0	16QAM	7.41	2	9.41	23.98	PASS



Report

Band40(2305-2315)	10	38750	1	#0	QPSK	9.85	2	11.85	23.98	PASS
Band40(2305-2315)	10	38750	1	#Mid	QPSK	9.91	2	11.91	23.98	PASS
Band40(2305-2315)	10	38750	1	#Max	QPSK	9.64	2	11.64	23.98	PASS
Band40(2305-2315)	10	38750	25	#0	QPSK	8.66	2	10.66	23.98	PASS
Band40(2305-2315)	10	38750	25	#Mid	QPSK	8.59	2	10.59	23.98	PASS
Band40(2305-2315)	10	38750	25	#Max	QPSK	8.56	2	10.56	23.98	PASS
Band40(2305-2315)	10	38750	50	#0	QPSK	8.55	2	10.55	23.98	PASS
Band40(2305-2315)	10	38750	1	#0	16QAM	9.16	2	11.16	23.98	PASS
Band40(2305-2315)	10	38750	1	#Mid	16QAM	9.20	2	11.20	23.98	PASS
Band40(2305-2315)	10	38750	1	#Max	16QAM	8.94	2	10.94	23.98	PASS
Band40(2305-2315)	10	38750	25	#0	16QAM	7.63	2	9.63	23.98	PASS
Band40(2305-2315)	10	38750	25	#Mid	16QAM	7.58	2	9.58	23.98	PASS
Band40(2305-2315)	10	38750	25	#Max	16QAM	7.55	2	9.55	23.98	PASS
Band40(2305-2315)	10	38750	50	#0	16QAM	7.56	2	9.56	23.98	PASS



Report

Band	Bandwidth (MHz)	UL Channel	RB Size	RB Position	Modulation	Power (dBm)	Gain (dB)	EIRP (dBm)	EIRP Limit (dBm)	Verdict
Band41	5	39675	1	#0	QPSK	23.71	1.1	24.81	33.01	PASS
Band41	5	39675	1	#Mid	QPSK	24.00	1.1	25.10	33.01	PASS
Band41	5	39675	1	#Max	QPSK	23.62	1.1	24.72	33.01	PASS
Band41	5	39675	12	#0	QPSK	22.75	1.1	23.85	33.01	PASS
Band41	5	39675	12	#Mid	QPSK	22.76	1.1	23.86	33.01	PASS
Band41	5	39675	12	#Max	QPSK	22.67	1.1	23.77	33.01	PASS
Band41	5	39675	25	#0	QPSK	22.77	1.1	23.87	33.01	PASS
Band41	5	39675	1	#0	16QAM	22.90	1.1	24.00	33.01	PASS
Band41	5	39675	1	#Mid	16QAM	23.18	1.1	24.28	33.01	PASS
Band41	5	39675	1	#Max	16QAM	22.83	1.1	23.93	33.01	PASS
Band41	5	39675	12	#0	16QAM	21.72	1.1	22.82	33.01	PASS
Band41	5	39675	12	#Mid	16QAM	21.75	1.1	22.85	33.01	PASS
Band41	5	39675	12	#Max	16QAM	21.65	1.1	22.75	33.01	PASS
Band41	5	39675	25	#0	16QAM	21.79	1.1	22.89	33.01	PASS
Band41	5	40620	1	#0	QPSK	23.18	1.1	24.28	33.01	PASS
Band41	5	40620	1	#Mid	QPSK	23.46	1.1	24.56	33.01	PASS
Band41	5	40620	1	#Max	QPSK	23.17	1.1	24.27	33.01	PASS
Band41	5	40620	12	#0	QPSK	22.33	1.1	23.43	33.01	PASS
Band41	5	40620	12	#Mid	QPSK	22.31	1.1	23.41	33.01	PASS
Band41	5	40620	12	#Max	QPSK	22.26	1.1	23.36	33.01	PASS
Band41	5	40620	25	#0	QPSK	22.29	1.1	23.39	33.01	PASS
Band41	5	40620	1	#0	16QAM	22.50	1.1	23.60	33.01	PASS
Band41	5	40620	1	#Mid	16QAM	22.80	1.1	23.90	33.01	PASS
Band41	5	40620	1	#Max	16QAM	22.51	1.1	23.61	33.01	PASS
Band41	5	40620	12	#0	16QAM	21.35	1.1	22.45	33.01	PASS
Band41	5	40620	12	#Mid	16QAM	21.36	1.1	22.46	33.01	PASS
Band41	5	40620	12	#Max	16QAM	21.33	1.1	22.43	33.01	PASS
Band41	5	40620	25	#0	16QAM	21.29	1.1	22.39	33.01	PASS
Band41	5	41565	1	#0	QPSK	23.53	1.1	24.63	33.01	PASS
Band41	5	41565	1	#Mid	QPSK	23.90	1.1	25.00	33.01	PASS
Band41	5	41565	1	#Max	QPSK	23.60	1.1	24.70	33.01	PASS
Band41	5	41565	12	#0	QPSK	22.64	1.1	23.74	33.01	PASS
Band41	5	41565	12	#Mid	QPSK	22.76	1.1	23.86	33.01	PASS
Band41	5	41565	12	#Max	QPSK	22.69	1.1	23.79	33.01	PASS
Band41	5	41565	25	#0	QPSK	22.70	1.1	23.80	33.01	PASS
Band41	5	41565	1	#0	16QAM	23.14	1.1	24.24	33.01	PASS
Band41	5	41565	1	#Mid	16QAM	23.44	1.1	24.54	33.01	PASS
Band41	5	41565	1	#Max	16QAM	23.16	1.1	24.26	33.01	PASS
Band41	5	41565	12	#0	16QAM	21.65	1.1	22.75	33.01	PASS
Band41	5	41565	12	#Mid	16QAM	21.73	1.1	22.83	33.01	PASS
Band41	5	41565	12	#Max	16QAM	21.68	1.1	22.78	33.01	PASS
Band41	5	41565	25	#0	16QAM	21.66	1.1	22.76	33.01	PASS



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Band41	10	39700	1	#0	QPSK	23.79	1.1	24.89	33.01	PASS
Band41	10	39700	1	#Mid	QPSK	23.81	1.1	24.91	33.01	PASS
Band41	10	39700	1	#Max	QPSK	23.54	1.1	24.64	33.01	PASS
Band41	10	39700	25	#0	QPSK	22.79	1.1	23.89	33.01	PASS
Band41	10	39700	25	#Mid	QPSK	22.67	1.1	23.77	33.01	PASS
Band41	10	39700	25	#Max	QPSK	22.61	1.1	23.71	33.01	PASS
Band41	10	39700	50	#0	QPSK	22.68	1.1	23.78	33.01	PASS
Band41	10	39700	1	#0	16QAM	22.88	1.1	23.98	33.01	PASS
Band41	10	39700	1	#Mid	16QAM	22.91	1.1	24.01	33.01	PASS
Band41	10	39700	1	#Max	16QAM	22.61	1.1	23.71	33.01	PASS
Band41	10	39700	25	#0	16QAM	21.80	1.1	22.90	33.01	PASS
Band41	10	39700	25	#Mid	16QAM	21.70	1.1	22.80	33.01	PASS
Band41	10	39700	25	#Max	16QAM	21.64	1.1	22.74	33.01	PASS
Band41	10	39700	50	#0	16QAM	21.76	1.1	22.86	33.01	PASS
Band41	10	40620	1	#0	QPSK	23.39	1.1	24.49	33.01	PASS
Band41	10	40620	1	#Mid	QPSK	23.47	1.1	24.57	33.01	PASS
Band41	10	40620	1	#Max	QPSK	23.38	1.1	24.48	33.01	PASS
Band41	10	40620	25	#0	QPSK	22.37	1.1	23.47	33.01	PASS
Band41	10	40620	25	#Mid	QPSK	22.32	1.1	23.42	33.01	PASS
Band41	10	40620	25	#Max	QPSK	22.33	1.1	23.43	33.01	PASS
Band41	10	40620	50	#0	QPSK	22.34	1.1	23.44	33.01	PASS
Band41	10	40620	1	#0	16QAM	22.32	1.1	23.42	33.01	PASS
Band41	10	40620	1	#Mid	16QAM	22.41	1.1	23.51	33.01	PASS
Band41	10	40620	1	#Max	16QAM	22.30	1.1	23.40	33.01	PASS
Band41	10	40620	25	#0	16QAM	21.41	1.1	22.51	33.01	PASS
Band41	10	40620	25	#Mid	16QAM	21.38	1.1	22.48	33.01	PASS
Band41	10	40620	25	#Max	16QAM	21.38	1.1	22.48	33.01	PASS
Band41	10	40620	50	#0	16QAM	21.38	1.1	22.48	33.01	PASS
Band41	10	41540	1	#0	QPSK	23.51	1.1	24.61	33.01	PASS
Band41	10	41540	1	#Mid	QPSK	23.75	1.1	24.85	33.01	PASS
Band41	10	41540	1	#Max	QPSK	23.66	1.1	24.76	33.01	PASS
Band41	10	41540	25	#0	QPSK	22.67	1.1	23.77	33.01	PASS
Band41	10	41540	25	#Mid	QPSK	22.68	1.1	23.78	33.01	PASS
Band41	10	41540	25	#Max	QPSK	22.76	1.1	23.86	33.01	PASS
Band41	10	41540	50	#0	QPSK	22.72	1.1	23.82	33.01	PASS
Band41	10	41540	1	#0	16QAM	23.02	1.1	24.12	33.01	PASS
Band41	10	41540	1	#Mid	16QAM	23.25	1.1	24.35	33.01	PASS
Band41	10	41540	1	#Max	16QAM	23.20	1.1	24.30	33.01	PASS
Band41	10	41540	25	#0	16QAM	21.69	1.1	22.79	33.01	PASS
Band41	10	41540	25	#Mid	16QAM	21.72	1.1	22.82	33.01	PASS
Band41	10	41540	25	#Max	16QAM	21.78	1.1	22.88	33.01	PASS
Band41	10	41540	50	#0	16QAM	21.71	1.1	22.81	33.01	PASS
Band41	15	39725	1	#0	QPSK	23.57	1.1	24.67	33.01	PASS
Band41	15	39725	1	#Mid	QPSK	23.61	1.1	24.71	33.01	PASS



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Band41	15	39725	1	#Max	QPSK	23.18	1.1	24.28	33.01	PASS
Band41	15	39725	36	#0	QPSK	22.62	1.1	23.72	33.01	PASS
Band41	15	39725	36	#Mid	QPSK	22.49	1.1	23.59	33.01	PASS
Band41	15	39725	36	#Max	QPSK	22.39	1.1	23.49	33.01	PASS
Band41	15	39725	75	#0	QPSK	22.52	1.1	23.62	33.01	PASS
Band41	15	39725	1	#0	16QAM	23.10	1.1	24.20	33.01	PASS
Band41	15	39725	1	#Mid	16QAM	23.16	1.1	24.26	33.01	PASS
Band41	15	39725	1	#Max	16QAM	22.73	1.1	23.83	33.01	PASS
Band41	15	39725	36	#0	16QAM	21.76	1.1	22.86	33.01	PASS
Band41	15	39725	36	#Mid	16QAM	21.67	1.1	22.77	33.01	PASS
Band41	15	39725	36	#Max	16QAM	21.53	1.1	22.63	33.01	PASS
Band41	15	39725	75	#0	16QAM	21.65	1.1	22.75	33.01	PASS
Band41	15	40620	1	#0	QPSK	23.27	1.1	24.37	33.01	PASS
Band41	15	40620	1	#Mid	QPSK	23.49	1.1	24.59	33.01	PASS
Band41	15	40620	1	#Max	QPSK	23.28	1.1	24.38	33.01	PASS
Band41	15	40620	36	#0	QPSK	22.33	1.1	23.43	33.01	PASS
Band41	15	40620	36	#Mid	QPSK	22.34	1.1	23.44	33.01	PASS
Band41	15	40620	36	#Max	QPSK	22.28	1.1	23.38	33.01	PASS
Band41	15	40620	75	#0	QPSK	22.31	1.1	23.41	33.01	PASS
Band41	15	40620	1	#0	16QAM	22.45	1.1	23.55	33.01	PASS
Band41	15	40620	1	#Mid	16QAM	22.69	1.1	23.79	33.01	PASS
Band41	15	40620	1	#Max	16QAM	22.48	1.1	23.58	33.01	PASS
Band41	15	40620	36	#0	16QAM	21.47	1.1	22.57	33.01	PASS
Band41	15	40620	36	#Mid	16QAM	21.46	1.1	22.56	33.01	PASS
Band41	15	40620	36	#Max	16QAM	21.44	1.1	22.54	33.01	PASS
Band41	15	40620	75	#0	16QAM	21.36	1.1	22.46	33.01	PASS
Band41	15	41515	1	#0	QPSK	23.14	1.1	24.24	33.01	PASS
Band41	15	41515	1	#Mid	QPSK	23.82	1.1	24.92	33.01	PASS
Band41	15	41515	1	#Max	QPSK	23.70	1.1	24.80	33.01	PASS
Band41	15	41515	36	#0	QPSK	22.50	1.1	23.60	33.01	PASS
Band41	15	41515	36	#Mid	QPSK	22.64	1.1	23.74	33.01	PASS
Band41	15	41515	36	#Max	QPSK	22.78	1.1	23.88	33.01	PASS
Band41	15	41515	75	#0	QPSK	22.61	1.1	23.71	33.01	PASS
Band41	15	41515	1	#0	16QAM	22.63	1.1	23.73	33.01	PASS
Band41	15	41515	1	#Mid	16QAM	23.19	1.1	24.29	33.01	PASS
Band41	15	41515	1	#Max	16QAM	22.99	1.1	24.09	33.01	PASS
Band41	15	41515	36	#0	16QAM	21.62	1.1	22.72	33.01	PASS
Band41	15	41515	36	#Mid	16QAM	21.72	1.1	22.82	33.01	PASS
Band41	15	41515	36	#Max	16QAM	21.81	1.1	22.91	33.01	PASS
Band41	15	41515	75	#0	16QAM	21.77	1.1	22.87	33.01	PASS
Band41	20	39750	1	#0	QPSK	23.68	1.1	24.78	33.01	PASS
Band41	20	39750	1	#Mid	QPSK	23.74	1.1	24.84	33.01	PASS
Band41	20	39750	1	#Max	QPSK	23.31	1.1	24.41	33.01	PASS
Band41	20	39750	50	#0	QPSK	22.75	1.1	23.85	33.01	PASS



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Band41	20	39750	50	#Mid	QPSK	22.64	1.1	23.74	33.01	PASS
Band41	20	39750	50	#Max	QPSK	22.52	1.1	23.62	33.01	PASS
Band41	20	39750	100	#0	QPSK	22.66	1.1	23.76	33.01	PASS
Band41	20	39750	1	#0	16QAM	22.76	1.1	23.86	33.01	PASS
Band41	20	39750	1	#Mid	16QAM	22.80	1.1	23.90	33.01	PASS
Band41	20	39750	1	#Max	16QAM	22.39	1.1	23.49	33.01	PASS
Band41	20	39750	50	#0	16QAM	21.70	1.1	22.80	33.01	PASS
Band41	20	39750	50	#Mid	16QAM	21.59	1.1	22.69	33.01	PASS
Band41	20	39750	50	#Max	16QAM	21.45	1.1	22.55	33.01	PASS
Band41	20	39750	100	#0	16QAM	21.57	1.1	22.67	33.01	PASS
Band41	20	40620	1	#0	QPSK	23.35	1.1	24.45	33.01	PASS
Band41	20	40620	1	#Mid	QPSK	23.55	1.1	24.65	33.01	PASS
Band41	20	40620	1	#Max	QPSK	23.36	1.1	24.46	33.01	PASS
Band41	20	40620	50	#0	QPSK	22.38	1.1	23.48	33.01	PASS
Band41	20	40620	50	#Mid	QPSK	22.40	1.1	23.50	33.01	PASS
Band41	20	40620	50	#Max	QPSK	22.36	1.1	23.46	33.01	PASS
Band41	20	40620	100	#0	QPSK	22.35	1.1	23.45	33.01	PASS
Band41	20	40620	1	#0	16QAM	22.46	1.1	23.56	33.01	PASS
Band41	20	40620	1	#Mid	16QAM	22.66	1.1	23.76	33.01	PASS
Band41	20	40620	1	#Max	16QAM	22.47	1.1	23.57	33.01	PASS
Band41	20	40620	50	#0	16QAM	21.41	1.1	22.51	33.01	PASS
Band41	20	40620	50	#Mid	16QAM	21.39	1.1	22.49	33.01	PASS
Band41	20	40620	50	#Max	16QAM	21.33	1.1	22.43	33.01	PASS
Band41	20	40620	100	#0	16QAM	21.37	1.1	22.47	33.01	PASS
Band41	20	41490	1	#0	QPSK	23.43	1.1	24.53	33.01	PASS
Band41	20	41490	1	#Mid	QPSK	24.04	1.1	25.14	33.01	PASS
Band41	20	41490	1	#Max	QPSK	23.84	1.1	24.94	33.01	PASS
Band41	20	41490	50	#0	QPSK	22.68	1.1	23.78	33.01	PASS
Band41	20	41490	50	#Mid	QPSK	22.79	1.1	23.89	33.01	PASS
Band41	20	41490	50	#Max	QPSK	22.91	1.1	24.01	33.01	PASS
Band41	20	41490	100	#0	QPSK	22.77	1.1	23.87	33.01	PASS
Band41	20	41490	1	#0	16QAM	22.36	1.1	23.46	33.01	PASS
Band41	20	41490	1	#Mid	16QAM	22.99	1.1	24.09	33.01	PASS
Band41	20	41490	1	#Max	16QAM	22.89	1.1	23.99	33.01	PASS
Band41	20	41490	50	#0	16QAM	21.54	1.1	22.64	33.01	PASS
Band41	20	41490	50	#Mid	16QAM	21.71	1.1	22.81	33.01	PASS
Band41	20	41490	50	#Max	16QAM	21.79	1.1	22.89	33.01	PASS
Band41	20	41490	100	#0	16QAM	21.63	1.1	22.73	33.01	PASS



Report

Band	Bandwidth (MHz)	UL Channel	RB Size	RB Position	Modulation	Power (dBm)	Gain (dB)	EIRP (dBm)	EIRP Limit (dBm)	Verdict
Band66	1.4	131979	1	#0	QPSK	24.44	-1.6	22.84	30	PASS
Band66	1.4	131979	1	#Mid	QPSK	24.52	-1.6	22.92	30	PASS
Band66	1.4	131979	1	#Max	QPSK	24.38	-1.6	22.78	30	PASS
Band66	1.4	131979	3	#0	QPSK	24.25	-1.6	22.65	30	PASS
Band66	1.4	131979	3	#Mid	QPSK	24.29	-1.6	22.69	30	PASS
Band66	1.4	131979	3	#Max	QPSK	24.31	-1.6	22.71	30	PASS
Band66	1.4	131979	6	#0	QPSK	23.37	-1.6	21.77	30	PASS
Band66	1.4	131979	1	#0	16QAM	23.41	-1.6	21.81	30	PASS
Band66	1.4	131979	1	#Mid	16QAM	23.55	-1.6	21.95	30	PASS
Band66	1.4	131979	1	#Max	16QAM	23.46	-1.6	21.86	30	PASS
Band66	1.4	131979	3	#0	16QAM	23.48	-1.6	21.88	30	PASS
Band66	1.4	131979	3	#Mid	16QAM	23.53	-1.6	21.93	30	PASS
Band66	1.4	131979	3	#Max	16QAM	23.51	-1.6	21.91	30	PASS
Band66	1.4	131979	6	#0	16QAM	22.47	-1.6	20.87	30	PASS
Band66	1.4	132322	1	#0	QPSK	24.62	-1.6	23.02	30	PASS
Band66	1.4	132322	1	#Mid	QPSK	24.79	-1.6	23.19	30	PASS
Band66	1.4	132322	1	#Max	QPSK	24.61	-1.6	23.01	30	PASS
Band66	1.4	132322	3	#0	QPSK	24.72	-1.6	23.12	30	PASS
Band66	1.4	132322	3	#Mid	QPSK	24.75	-1.6	23.15	30	PASS
Band66	1.4	132322	3	#Max	QPSK	24.71	-1.6	23.11	30	PASS
Band66	1.4	132322	6	#0	QPSK	23.73	-1.6	22.13	30	PASS
Band66	1.4	132322	1	#0	16QAM	23.86	-1.6	22.26	30	PASS
Band66	1.4	132322	1	#Mid	16QAM	23.96	-1.6	22.36	30	PASS
Band66	1.4	132322	1	#Max	16QAM	23.86	-1.6	22.26	30	PASS
Band66	1.4	132322	3	#0	16QAM	24.00	-1.6	22.40	30	PASS
Band66	1.4	132322	3	#Mid	16QAM	23.95	-1.6	22.35	30	PASS
Band66	1.4	132322	3	#Max	16QAM	23.97	-1.6	22.37	30	PASS
Band66	1.4	132322	6	#0	16QAM	22.87	-1.6	21.27	30	PASS
Band66	1.4	132665	1	#0	QPSK	24.52	-1.6	22.92	30	PASS
Band66	1.4	132665	1	#Mid	QPSK	24.68	-1.6	23.08	30	PASS
Band66	1.4	132665	1	#Max	QPSK	24.52	-1.6	22.92	30	PASS
Band66	1.4	132665	3	#0	QPSK	24.46	-1.6	22.86	30	PASS
Band66	1.4	132665	3	#Mid	QPSK	24.44	-1.6	22.84	30	PASS
Band66	1.4	132665	3	#Max	QPSK	24.45	-1.6	22.85	30	PASS
Band66	1.4	132665	6	#0	QPSK	23.57	-1.6	21.97	30	PASS
Band66	1.4	132665	1	#0	16QAM	23.29	-1.6	21.69	30	PASS
Band66	1.4	132665	1	#Mid	16QAM	23.38	-1.6	21.78	30	PASS
Band66	1.4	132665	1	#Max	16QAM	23.24	-1.6	21.64	30	PASS
Band66	1.4	132665	3	#0	16QAM	23.59	-1.6	21.99	30	PASS
Band66	1.4	132665	3	#Mid	16QAM	23.57	-1.6	21.97	30	PASS
Band66	1.4	132665	3	#Max	16QAM	23.56	-1.6	21.96	30	PASS
Band66	1.4	132665	6	#0	16QAM	22.66	-1.6	21.06	30	PASS



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Band66	3	131987	1	#0	QPSK	24.16	-1.6	22.56	30	PASS
Band66	3	131987	1	#Mid	QPSK	24.80	-1.6	23.20	30	PASS
Band66	3	131987	1	#Max	QPSK	24.71	-1.6	23.11	30	PASS
Band66	3	131987	8	#0	QPSK	23.40	-1.6	21.80	30	PASS
Band66	3	131987	8	#Mid	QPSK	23.59	-1.6	21.99	30	PASS
Band66	3	131987	8	#Max	QPSK	23.76	-1.6	22.16	30	PASS
Band66	3	131987	15	#0	QPSK	23.53	-1.6	21.93	30	PASS
Band66	3	131987	1	#0	16QAM	23.44	-1.6	21.84	30	PASS
Band66	3	131987	1	#Mid	16QAM	23.78	-1.6	22.18	30	PASS
Band66	3	131987	1	#Max	16QAM	23.53	-1.6	21.93	30	PASS
Band66	3	131987	8	#0	16QAM	22.31	-1.6	20.71	30	PASS
Band66	3	131987	8	#Mid	16QAM	22.38	-1.6	20.78	30	PASS
Band66	3	131987	8	#Max	16QAM	22.39	-1.6	20.79	30	PASS
Band66	3	131987	15	#0	16QAM	22.31	-1.6	20.71	30	PASS
Band66	3	132322	1	#0	QPSK	24.55	-1.6	22.95	30	PASS
Band66	3	132322	1	#Mid	QPSK	24.83	-1.6	23.23	30	PASS
Band66	3	132322	1	#Max	QPSK	24.62	-1.6	23.02	30	PASS
Band66	3	132322	8	#0	QPSK	23.87	-1.6	22.27	30	PASS
Band66	3	132322	8	#Mid	QPSK	23.80	-1.6	22.20	30	PASS
Band66	3	132322	8	#Max	QPSK	23.74	-1.6	22.14	30	PASS
Band66	3	132322	15	#0	QPSK	23.82	-1.6	22.22	30	PASS
Band66	3	132322	1	#0	16QAM	23.66	-1.6	22.06	30	PASS
Band66	3	132322	1	#Mid	16QAM	23.84	-1.6	22.24	30	PASS
Band66	3	132322	1	#Max	16QAM	23.56	-1.6	21.96	30	PASS
Band66	3	132322	8	#0	16QAM	22.73	-1.6	21.13	30	PASS
Band66	3	132322	8	#Mid	16QAM	22.79	-1.6	21.19	30	PASS
Band66	3	132322	8	#Max	16QAM	22.74	-1.6	21.14	30	PASS
Band66	3	132322	15	#0	16QAM	22.82	-1.6	21.22	30	PASS
Band66	3	132657	1	#0	QPSK	24.66	-1.6	23.06	30	PASS
Band66	3	132657	1	#Mid	QPSK	24.94	-1.6	23.34	30	PASS
Band66	3	132657	1	#Max	QPSK	24.31	-1.6	22.71	30	PASS
Band66	3	132657	8	#0	QPSK	23.69	-1.6	22.09	30	PASS
Band66	3	132657	8	#Mid	QPSK	23.75	-1.6	22.15	30	PASS
Band66	3	132657	8	#Max	QPSK	23.65	-1.6	22.05	30	PASS
Band66	3	132657	15	#0	QPSK	23.63	-1.6	22.03	30	PASS
Band66	3	132657	1	#0	16QAM	23.91	-1.6	22.31	30	PASS
Band66	3	132657	1	#Mid	16QAM	24.16	-1.6	22.56	30	PASS
Band66	3	132657	1	#Max	16QAM	23.79	-1.6	22.19	30	PASS
Band66	3	132657	8	#0	16QAM	22.57	-1.6	20.97	30	PASS
Band66	3	132657	8	#Mid	16QAM	22.54	-1.6	20.94	30	PASS
Band66	3	132657	8	#Max	16QAM	22.54	-1.6	20.94	30	PASS
Band66	3	132657	15	#0	16QAM	22.51	-1.6	20.91	30	PASS
Band66	5	131997	1	#0	QPSK	24.18	-1.6	22.58	30	PASS
Band66	5	131997	1	#Mid	QPSK	24.70	-1.6	23.10	30	PASS



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Band66	5	131997	1	#Max	QPSK	24.34	-1.6	22.74	30	PASS
Band66	5	131997	12	#0	QPSK	23.35	-1.6	21.75	30	PASS
Band66	5	131997	12	#Mid	QPSK	23.41	-1.6	21.81	30	PASS
Band66	5	131997	12	#Max	QPSK	23.45	-1.6	21.85	30	PASS
Band66	5	131997	25	#0	QPSK	23.40	-1.6	21.80	30	PASS
Band66	5	131997	1	#0	16QAM	23.69	-1.6	22.09	30	PASS
Band66	5	131997	1	#Mid	16QAM	24.18	-1.6	22.58	30	PASS
Band66	5	131997	1	#Max	16QAM	23.87	-1.6	22.27	30	PASS
Band66	5	131997	12	#0	16QAM	22.28	-1.6	20.68	30	PASS
Band66	5	131997	12	#Mid	16QAM	22.39	-1.6	20.79	30	PASS
Band66	5	131997	12	#Max	16QAM	22.41	-1.6	20.81	30	PASS
Band66	5	131997	25	#0	16QAM	22.34	-1.6	20.74	30	PASS
Band66	5	132322	1	#0	QPSK	24.62	-1.6	23.02	30	PASS
Band66	5	132322	1	#Mid	QPSK	24.91	-1.6	23.31	30	PASS
Band66	5	132322	1	#Max	QPSK	24.60	-1.6	23.00	30	PASS
Band66	5	132322	12	#0	QPSK	23.74	-1.6	22.14	30	PASS
Band66	5	132322	12	#Mid	QPSK	23.79	-1.6	22.19	30	PASS
Band66	5	132322	12	#Max	QPSK	23.71	-1.6	22.11	30	PASS
Band66	5	132322	25	#0	QPSK	23.77	-1.6	22.17	30	PASS
Band66	5	132322	1	#0	16QAM	23.96	-1.6	22.36	30	PASS
Band66	5	132322	1	#Mid	16QAM	24.25	-1.6	22.65	30	PASS
Band66	5	132322	1	#Max	16QAM	23.94	-1.6	22.34	30	PASS
Band66	5	132322	12	#0	16QAM	22.70	-1.6	21.10	30	PASS
Band66	5	132322	12	#Mid	16QAM	22.70	-1.6	21.10	30	PASS
Band66	5	132322	12	#Max	16QAM	22.66	-1.6	21.06	30	PASS
Band66	5	132322	25	#0	16QAM	22.79	-1.6	21.19	30	PASS
Band66	5	132647	1	#0	QPSK	24.46	-1.6	22.86	30	PASS
Band66	5	132647	1	#Mid	QPSK	24.90	-1.6	23.30	30	PASS
Band66	5	132647	1	#Max	QPSK	24.32	-1.6	22.72	30	PASS
Band66	5	132647	12	#0	QPSK	23.57	-1.6	21.97	30	PASS
Band66	5	132647	12	#Mid	QPSK	23.58	-1.6	21.98	30	PASS
Band66	5	132647	12	#Max	QPSK	23.48	-1.6	21.88	30	PASS
Band66	5	132647	25	#0	QPSK	23.55	-1.6	21.95	30	PASS
Band66	5	132647	1	#0	16QAM	23.76	-1.6	22.16	30	PASS
Band66	5	132647	1	#Mid	16QAM	24.01	-1.6	22.41	30	PASS
Band66	5	132647	1	#Max	16QAM	23.61	-1.6	22.01	30	PASS
Band66	5	132647	12	#0	16QAM	22.57	-1.6	20.97	30	PASS
Band66	5	132647	12	#Mid	16QAM	22.59	-1.6	20.99	30	PASS
Band66	5	132647	12	#Max	16QAM	22.48	-1.6	20.88	30	PASS
Band66	5	132647	25	#0	16QAM	22.49	-1.6	20.89	30	PASS
Band66	10	132022	1	#0	QPSK	24.32	-1.6	22.72	30	PASS
Band66	10	132022	1	#Mid	QPSK	24.64	-1.6	23.04	30	PASS
Band66	10	132022	1	#Max	QPSK	24.68	-1.6	23.08	30	PASS
Band66	10	132022	25	#0	QPSK	23.34	-1.6	21.74	30	PASS



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Band66	10	132022	25	#Mid	QPSK	23.41	-1.6	21.81	30	PASS
Band66	10	132022	25	#Max	QPSK	23.59	-1.6	21.99	30	PASS
Band66	10	132022	50	#0	QPSK	23.47	-1.6	21.87	30	PASS
Band66	10	132022	1	#0	16QAM	23.10	-1.6	21.50	30	PASS
Band66	10	132022	1	#Mid	16QAM	23.36	-1.6	21.76	30	PASS
Band66	10	132022	1	#Max	16QAM	23.39	-1.6	21.79	30	PASS
Band66	10	132022	25	#0	16QAM	22.31	-1.6	20.71	30	PASS
Band66	10	132022	25	#Mid	16QAM	22.42	-1.6	20.82	30	PASS
Band66	10	132022	25	#Max	16QAM	22.55	-1.6	20.95	30	PASS
Band66	10	132022	50	#0	16QAM	22.44	-1.6	20.84	30	PASS
Band66	10	132322	1	#0	QPSK	24.68	-1.6	23.08	30	PASS
Band66	10	132322	1	#Mid	QPSK	24.75	-1.6	23.15	30	PASS
Band66	10	132322	1	#Max	QPSK	24.69	-1.6	23.09	30	PASS
Band66	10	132322	25	#0	QPSK	23.79	-1.6	22.19	30	PASS
Band66	10	132322	25	#Mid	QPSK	23.78	-1.6	22.18	30	PASS
Band66	10	132322	25	#Max	QPSK	23.78	-1.6	22.18	30	PASS
Band66	10	132322	50	#0	QPSK	23.79	-1.6	22.19	30	PASS
Band66	10	132322	1	#0	16QAM	24.14	-1.6	22.54	30	PASS
Band66	10	132322	1	#Mid	16QAM	24.18	-1.6	22.58	30	PASS
Band66	10	132322	1	#Max	16QAM	24.11	-1.6	22.51	30	PASS
Band66	10	132322	25	#0	16QAM	22.82	-1.6	21.22	30	PASS
Band66	10	132322	25	#Mid	16QAM	22.78	-1.6	21.18	30	PASS
Band66	10	132322	25	#Max	16QAM	22.83	-1.6	21.23	30	PASS
Band66	10	132322	50	#0	16QAM	22.82	-1.6	21.22	30	PASS
Band66	10	132622	1	#0	QPSK	24.73	-1.6	23.13	30	PASS
Band66	10	132622	1	#Mid	QPSK	24.71	-1.6	23.11	30	PASS
Band66	10	132622	1	#Max	QPSK	24.49	-1.6	22.89	30	PASS
Band66	10	132622	25	#0	QPSK	23.69	-1.6	22.09	30	PASS
Band66	10	132622	25	#Mid	QPSK	23.63	-1.6	22.03	30	PASS
Band66	10	132622	25	#Max	QPSK	23.59	-1.6	21.99	30	PASS
Band66	10	132622	50	#0	QPSK	23.62	-1.6	22.02	30	PASS
Band66	10	132622	1	#0	16QAM	23.81	-1.6	22.21	30	PASS
Band66	10	132622	1	#Mid	16QAM	23.81	-1.6	22.21	30	PASS
Band66	10	132622	1	#Max	16QAM	23.60	-1.6	22.00	30	PASS
Band66	10	132622	25	#0	16QAM	22.63	-1.6	21.03	30	PASS
Band66	10	132622	25	#Mid	16QAM	22.59	-1.6	20.99	30	PASS
Band66	10	132622	25	#Max	16QAM	22.59	-1.6	20.99	30	PASS
Band66	10	132622	50	#0	16QAM	22.64	-1.6	21.04	30	PASS
Band66	15	132047	1	#0	QPSK	24.19	-1.6	22.59	30	PASS
Band66	15	132047	1	#Mid	QPSK	24.69	-1.6	23.09	30	PASS
Band66	15	132047	1	#Max	QPSK	24.67	-1.6	23.07	30	PASS
Band66	15	132047	36	#0	QPSK	23.53	-1.6	21.93	30	PASS
Band66	15	132047	36	#Mid	QPSK	23.66	-1.6	22.06	30	PASS
Band66	15	132047	36	#Max	QPSK	23.85	-1.6	22.25	30	PASS



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Band66	15	132047	75	#0	QPSK	23.68	-1.6	22.08	30	PASS
Band66	15	132047	1	#0	16QAM	23.64	-1.6	22.04	30	PASS
Band66	15	132047	1	#Mid	16QAM	24.11	-1.6	22.51	30	PASS
Band66	15	132047	1	#Max	16QAM	24.04	-1.6	22.44	30	PASS
Band66	15	132047	36	#0	16QAM	22.48	-1.6	20.88	30	PASS
Band66	15	132047	36	#Mid	16QAM	22.63	-1.6	21.03	30	PASS
Band66	15	132047	36	#Max	16QAM	22.79	-1.6	21.19	30	PASS
Band66	15	132047	75	#0	16QAM	22.63	-1.6	21.03	30	PASS
Band66	15	132322	1	#0	QPSK	24.67	-1.6	23.07	30	PASS
Band66	15	132322	1	#Mid	QPSK	24.99	-1.6	23.39	30	PASS
Band66	15	132322	1	#Max	QPSK	24.67	-1.6	23.07	30	PASS
Band66	15	132322	36	#0	QPSK	23.91	-1.6	22.31	30	PASS
Band66	15	132322	36	#Mid	QPSK	23.88	-1.6	22.28	30	PASS
Band66	15	132322	36	#Max	QPSK	23.86	-1.6	22.26	30	PASS
Band66	15	132322	75	#0	QPSK	23.89	-1.6	22.29	30	PASS
Band66	15	132322	1	#0	16QAM	23.86	-1.6	22.26	30	PASS
Band66	15	132322	1	#Mid	16QAM	24.14	-1.6	22.54	30	PASS
Band66	15	132322	1	#Max	16QAM	23.84	-1.6	22.24	30	PASS
Band66	15	132322	36	#0	16QAM	22.92	-1.6	21.32	30	PASS
Band66	15	132322	36	#Mid	16QAM	22.89	-1.6	21.29	30	PASS
Band66	15	132322	36	#Max	16QAM	22.88	-1.6	21.28	30	PASS
Band66	15	132322	75	#0	16QAM	22.81	-1.6	21.21	30	PASS
Band66	15	132597	1	#0	QPSK	24.90	-1.6	23.30	30	PASS
Band66	15	132597	1	#Mid	QPSK	25.09	-1.6	23.49	30	PASS
Band66	15	132597	1	#Max	QPSK	24.53	-1.6	22.93	30	PASS
Band66	15	132597	36	#0	QPSK	23.93	-1.6	22.33	30	PASS
Band66	15	132597	36	#Mid	QPSK	23.91	-1.6	22.31	30	PASS
Band66	15	132597	36	#Max	QPSK	23.75	-1.6	22.15	30	PASS
Band66	15	132597	75	#0	QPSK	23.83	-1.6	22.23	30	PASS
Band66	15	132597	1	#0	16QAM	23.88	-1.6	22.28	30	PASS
Band66	15	132597	1	#Mid	16QAM	24.08	-1.6	22.48	30	PASS
Band66	15	132597	1	#Max	16QAM	23.55	-1.6	21.95	30	PASS
Band66	15	132597	36	#0	16QAM	22.75	-1.6	21.15	30	PASS
Band66	15	132597	36	#Mid	16QAM	22.76	-1.6	21.16	30	PASS
Band66	15	132597	36	#Max	16QAM	22.63	-1.6	21.03	30	PASS
Band66	15	132597	75	#0	16QAM	22.77	-1.6	21.17	30	PASS
Band66	20	132072	1	#0	QPSK	24.30	-1.6	22.70	30	PASS
Band66	20	132072	1	#Mid	QPSK	24.56	-1.6	22.96	30	PASS
Band66	20	132072	1	#Max	QPSK	24.40	-1.6	22.80	30	PASS
Band66	20	132072	50	#0	QPSK	23.37	-1.6	21.77	30	PASS
Band66	20	132072	50	#Mid	QPSK	23.33	-1.6	21.73	30	PASS
Band66	20	132072	50	#Max	QPSK	23.41	-1.6	21.81	30	PASS
Band66	20	132072	100	#0	QPSK	23.35	-1.6	21.75	30	PASS
Band66	20	132072	1	#0	16QAM	23.34	-1.6	21.74	30	PASS



Report

Band66	20	132072	1	#Mid	16QAM	23.87	-1.6	22.27	30	PASS
Band66	20	132072	1	#Max	16QAM	23.85	-1.6	22.25	30	PASS
Band66	20	132072	50	#0	16QAM	22.38	-1.6	20.78	30	PASS
Band66	20	132072	50	#Mid	16QAM	22.60	-1.6	21.00	30	PASS
Band66	20	132072	50	#Max	16QAM	22.71	-1.6	21.11	30	PASS
Band66	20	132072	100	#0	16QAM	22.56	-1.6	20.96	30	PASS
Band66	20	132322	1	#0	QPSK	24.79	-1.6	23.19	30	PASS
Band66	20	132322	1	#Mid	QPSK	25.09	-1.6	23.49	30	PASS
Band66	20	132322	1	#Max	QPSK	24.75	-1.6	23.15	30	PASS
Band66	20	132322	50	#0	QPSK	23.77	-1.6	22.17	30	PASS
Band66	20	132322	50	#Mid	QPSK	23.78	-1.6	22.18	30	PASS
Band66	20	132322	50	#Max	QPSK	23.74	-1.6	22.14	30	PASS
Band66	20	132322	100	#0	QPSK	23.74	-1.6	22.14	30	PASS
Band66	20	132322	1	#0	16QAM	23.80	-1.6	22.20	30	PASS
Band66	20	132322	1	#Mid	16QAM	24.05	-1.6	22.45	30	PASS
Band66	20	132322	1	#Max	16QAM	23.82	-1.6	22.22	30	PASS
Band66	20	132322	50	#0	16QAM	22.93	-1.6	21.33	30	PASS
Band66	20	132322	50	#Mid	16QAM	22.84	-1.6	21.24	30	PASS
Band66	20	132322	50	#Max	16QAM	22.78	-1.6	21.18	30	PASS
Band66	20	132322	100	#0	16QAM	22.79	-1.6	21.19	30	PASS
Band66	20	132572	1	#0	QPSK	24.53	-1.6	22.93	30	PASS
Band66	20	132572	1	#Mid	QPSK	24.84	-1.6	23.24	30	PASS
Band66	20	132572	1	#Max	QPSK	24.45	-1.6	22.85	30	PASS
Band66	20	132572	50	#0	QPSK	23.60	-1.6	22.00	30	PASS
Band66	20	132572	50	#Mid	QPSK	23.59	-1.6	21.99	30	PASS
Band66	20	132572	50	#Max	QPSK	23.57	-1.6	21.97	30	PASS
Band66	20	132572	100	#0	QPSK	23.50	-1.6	21.90	30	PASS
Band66	20	132572	1	#0	16QAM	23.90	-1.6	22.30	30	PASS
Band66	20	132572	1	#Mid	16QAM	24.10	-1.6	22.50	30	PASS
Band66	20	132572	1	#Max	16QAM	23.57	-1.6	21.97	30	PASS
Band66	20	132572	50	#0	16QAM	22.67	-1.6	21.07	30	PASS
Band66	20	132572	50	#Mid	16QAM	22.79	-1.6	21.19	30	PASS
Band66	20	132572	50	#Max	16QAM	22.68	-1.6	21.08	30	PASS
Band66	20	132572	100	#0	16QAM	22.63	-1.6	21.03	30	PASS



Report

Frequency stability

LTE Band 2 (QPSK) / 1880MHz / BW20M					
Temperature (°C)	Voltage	Freq. Dev.	Freq. Dev.	Limit	Result
	(Volt)	(Hz)	(ppm)		
50	Normal Voltage	1.75	0.001	2.5ppm	PASS
40		-1.50	-0.001		
30		1.59	0.001		
20		-5.18	-0.003		
10		-1.95	-0.001		
0		1.73	0.001		
-10		-1.61	-0.001		
-20		-1.89	-0.001		
-30		-1.75	-0.001		
20	Maximum Voltage	0.81	0.000		
20	BEP	0.79	0.000		

LTE Band 2 (16QAM) / 1880MHz / BW20M					
Temperature (°C)	Voltage	Freq. Dev.	Freq. Dev.	Limit	Result
	(Volt)	(Hz)	(ppm)		
50	Normal Voltage	-2.87	-0.002	2.5ppm	PASS
40		-3.18	-0.002		
30		2.80	0.001		
20		-7.52	-0.004		
10		2.87	0.002		
0		2.96	0.002		
-10		-3.01	-0.002		
-20		2.69	0.001		
-30		-2.90	-0.002		
20	Maximum Voltage	-4.78	-0.003		
20	BEP	1.55	0.001		



Report

LTE Band 4 (QPSK) / 1733MHz / BW20M					
Temperature (°C)	Voltage	Freq. Dev.	Freq. Dev.	Limit	Result
	(Volt)	(Hz)	(ppm)		
50	Normal Voltage	-4.85	-0.003	2.5ppm	PASS
40		-5.21	-0.003		
30		-5.25	-0.003		
20		-11.74	-0.007		
10		-5.15	-0.003		
0		-4.88	-0.003		
-10		5.25	0.003		
-20		-5.13	-0.003		
-30		-5.20	-0.003		
20	Maximum Voltage	-7.88	-0.005		
20	BEP	2.40	0.001		

LTE Band 4 (16QAM) / 1733MHz / BW20M					
Temperature (°C)	Voltage	Freq. Dev.	Freq. Dev.	Limit	Result
	(Volt)	(Hz)	(ppm)		
50	Normal Voltage	-3.97	-0.002	2.5ppm	PASS
40		3.74	0.002		
30		3.99	0.002		
20		-9.18	-0.005		
10		-4.01	-0.002		
0		3.73	0.002		
-10		-3.61	-0.002		
-20		3.71	0.002		
-30		3.92	0.002		
20	Maximum Voltage	-5.29	-0.003		
20	BEP	1.82	0.001		



Report

LTE Band 5 (QPSK) / 836.5MHz / BW10M					
Temperature (°C)	Voltage	Freq. Dev.	Freq. Dev.	Limit	Result
	(Volt)	(Hz)	(ppm)		
50	Normal Voltage	0.20	0.000	2.5ppm	PASS
40		0.40	0.000		
30		-0.61	-0.001		
20		-0.67	-0.001		
10		-0.41	0.000		
0		0.69	0.001		
-10		-0.46	-0.001		
-20		-0.19	0.000		
-30		0.76	0.001		
20	Maximum Voltage	0.65	0.001		
20	BEP	0.70	0.001		

LTE Band 5 (16QAM) / 836.5MHz / BW10M					
Temperature (°C)	Voltage	Freq. Dev.	Freq. Dev.	Limit	Result
	(Volt)	(Hz)	(ppm)		
50	Normal Voltage	-2.58	-0.003	2.5ppm	PASS
40		2.52	0.003		
30		-2.66	-0.003		
20		-6.41	-0.008		
10		2.42	0.003		
0		-2.61	-0.003		
-10		-2.67	-0.003		
-20		2.12	0.003		
-30		-2.13	-0.003		
20	Maximum Voltage	1.10	0.001		
20	BEP	-3.45	-0.004		



Report

LTE Band 7 (QPSK) / 2535MHz / BW20M					
Temperature (°C)	Voltage	Freq. Dev.	Freq. Dev.	Limit	Result
	(Volt)	(Hz)	(ppm)		
50	Normal Voltage	-2.08	-0.001	2.5ppm	PASS
40		1.95	0.001		
30		1.95	0.001		
20		-5.25	-0.002		
10		-1.82	-0.001		
0		1.84	0.001		
-10		2.00	0.001		
-20		-2.03	-0.001		
-30		2.08	0.001		
20	Maximum Voltage	0.91	0.000		
20	BEP	0.77	0.000		

LTE Band 7 (16QAM) / 2535MHz / BW20M					
Temperature (°C)	Voltage	Freq. Dev.	Freq. Dev.	Limit	Result
	(Volt)	(Hz)	(ppm)		
50	Normal Voltage	1.47	0.001	2.5ppm	PASS
40		-1.46	-0.001		
30		-1.39	-0.001		
20		-4.06	-0.002		
10		1.49	0.001		
0		-1.32	-0.001		
-10		1.11	0.000		
-20		-1.42	-0.001		
-30		-1.24	0.000		
20	Maximum Voltage	0.57	0.000		
20	BEP	0.62	0.000		



Report

LTE Band 12 (QPSK) / 707.5MHz / BW10M					
Temperature (°C)	Voltage	Freq. Dev.	Freq. Dev.	Limit	Result
	(Volt)	(Hz)	(ppm)		
50	Normal Voltage	-3.81	-0.005	2.5ppm	PASS
40		3.93	0.006		
30		-3.68	-0.005		
20		-9.01	-0.013		
10		-3.60	-0.005		
0		3.41	0.005		
-10		3.96	0.006		
-20		3.40	0.005		
-30		-3.57	-0.005		
20	Maximum Voltage	1.92	0.003		
20	BEP	-5.69	-0.008		

LTE Band 12 (16QAM) / 707.5MHz / BW10M					
Temperature (°C)	Voltage	Freq. Dev.	Freq. Dev.	Limit	Result
	(Volt)	(Hz)	(ppm)		
50	Normal Voltage	3.15	0.004	2.5ppm	PASS
40		2.99	0.004		
30		-2.82	-0.004		
20		-7.74	-0.011		
10		3.11	0.004		
0		-2.99	-0.004		
-10		3.14	0.004		
-20		2.98	0.004		
-30		2.92	0.004		
20	Maximum Voltage	-4.92	-0.007		
20	BEP	-4.66	-0.007		



Report

LTE Band 13 (QPSK) / 782MHz / BW10M					
Temperature (°C)	Voltage	Freq. Dev.	Freq. Dev.	Limit	Result
	(Volt)	(Hz)	(ppm)		
50	Normal Voltage	-2.34	-0.003	2.5ppm	PASS
40		-2.49	-0.003		
30		2.72	0.003		
20		-6.81	-0.009		
10		-2.61	-0.003		
0		-2.41	-0.003		
-10		2.78	0.004		
-20		2.84	0.004		
-30		-2.71	-0.003		
20	Maximum Voltage	-4.31	-0.006		
20	BEP	-3.63	-0.005		

LTE Band 13 (16QAM) / 782MHz / BW10M					
Temperature (°C)	Voltage	Freq. Dev.	Freq. Dev.	Limit	Result
	(Volt)	(Hz)	(ppm)		
50	Normal Voltage	2.34	0.003	2.5ppm	PASS
40		2.25	0.003		
30		-2.24	-0.003		
20		-6.12	-0.008		
10		2.34	0.003		
0		-2.07	-0.003		
-10		-2.05	-0.003		
-20		2.49	0.003		
-30		2.10	0.003		
20	Maximum Voltage	-3.10	-0.004		
20	BEP	1.11	0.001		



Report

LTE Band 17 (QPSK) / 710MHz / BW10M					
Temperature (°C)	Voltage	Freq. Dev.	Freq. Dev.	Limit	Result
	(Volt)	(Hz)	(ppm)		
50	Normal Voltage	0.16	0.000	2.5ppm	PASS
40		0.40	0.001		
30		-0.10	0.000		
20		-2.25	-0.003		
10		0.54	0.001		
0		0.45	0.001		
-10		0.02	0.000		
-20		-0.19	0.000		
-30		-0.50	-0.001		
20	Maximum Voltage	0.21	0.000		
20	BEP	0.28	0.000		

LTE Band 17 (16QAM) / 710MHz / BW10M					
Temperature (°C)	Voltage	Freq. Dev.	Freq. Dev.	Limit	Result
	(Volt)	(Hz)	(ppm)		
50	Normal Voltage	-2.03	-0.003	2.5ppm	PASS
40		2.40	0.003		
30		-2.07	-0.003		
20		-6.31	-0.009		
10		-2.38	-0.003		
0		-2.30	-0.003		
-10		2.46	0.003		
-20		2.07	0.003		
-30		2.15	0.003		
20	Maximum Voltage	-3.72	-0.005		
20	BEP	1.06	0.001		



Report

LTE Band 38 (QPSK) / 2595MHz / BW20M					
Temperature (°C)	Voltage	Freq. Dev.	Freq. Dev.	Limit	Result
	(Volt)	(Hz)	(ppm)		
50	Normal Voltage	-4.36	-0.002	2.5ppm	PASS
40		-4.36	-0.002		
30		-3.95	-0.002		
20		-10.03	-0.004		
10		-4.10	-0.002		
0		-4.39	-0.002		
-10		-4.28	-0.002		
-20		4.33	0.002		
-30		-4.29	-0.002		
20	Maximum Voltage	2.00	0.001		
20	BEP	-6.41	-0.002		

LTE Band 38 (16QAM) / 2595MHz / BW20M					
Temperature (°C)	Voltage	Freq. Dev.	Freq. Dev.	Limit	Result
	(Volt)	(Hz)	(ppm)		
50	Normal Voltage	1.31	0.001	2.5ppm	PASS
40		-1.75	-0.001		
30		1.42	0.001		
20		1.29	0.000		
10		1.71	0.001		
0		1.42	0.001		
-10		1.71	0.001		
-20		-1.33	-0.001		
-30		1.47	0.001		
20	Maximum Voltage	-0.62	0.000		
20	BEP	-0.69	0.000		



Report

Band40(2350-2360)(QPSK) / 2355MHz / BW10M					
Temperature (°C)	Voltage	Freq. Dev.	Freq. Dev.	Limit	Result
	(Volt)	(Hz)	(ppm)		
50	Normal Voltage	6.22	0.003	2.5ppm	PASS
40		-6.30	-0.003		
30		6.17	0.003		
20		-13.75	-0.006		
10		6.01	0.003		
0		5.82	0.002		
-10		-6.31	-0.003		
-20		-6.06	-0.003		
-30		-6.27	-0.003		
20	Maximum Voltage	-8.64	-0.004		
20	BEP	-8.73	-0.004		

Band40(2350-2360)(16QAM) / 2355MHz / BW10M					
Temperature (°C)	Voltage	Freq. Dev.	Freq. Dev.	Limit	Result
	(Volt)	(Hz)	(ppm)		
50	Normal Voltage	-4.01	-0.002	2.5ppm	PASS
40		-4.25	-0.002		
30		-4.11	-0.002		
20		-9.78	-0.004		
10		4.16	0.002		
0		3.83	0.002		
-10		4.03	0.002		
-20		4.00	0.002		
-30		4.10	0.002		
20	Maximum Voltage	-6.18	-0.003		
20	BEP	1.95	0.001		



Report

Band40(2305-2315) (QPSK) / 2310MHz / BW10M					
Temperature (°C)	Voltage	Freq. Dev.	Freq. Dev.	Limit	Result
	(Volt)	(Hz)	(ppm)		
50	Normal Voltage	-0.73	0.000	2.5ppm	PASS
40		0.58	0.000		
30		-0.63	0.000		
20		0.00	0.000		
10		-0.57	0.000		
0		0.82	0.000		
-10		-0.91	0.000		
-20		0.88	0.000		
-30		0.97	0.000		
20	Maximum Voltage	-0.42	0.000		
20	BEP	1.52	0.001		

Band40(2305-2315) (16QAM) / 2310MHz / BW10M					
Temperature (°C)	Voltage	Freq. Dev.	Freq. Dev.	Limit	Result
	(Volt)	(Hz)	(ppm)		
50	Normal Voltage	0.05	0.000	2.5ppm	PASS
40		-0.25	0.000		
30		0.40	0.000		
20		-1.93	-0.001		
10		-0.01	0.000		
0		0.08	0.000		
-10		0.03	0.000		
-20		-0.06	0.000		
-30		-0.29	0.000		
20	Maximum Voltage	0.07	0.000		
20	BEP	0.14	0.000		



Report

LTE Band 41 (QPSK) / 2593MHz / BW20M					
Temperature (°C)	Voltage	Freq. Dev.	Freq. Dev.	Limit	Result
	(Volt)	(Hz)	(ppm)		
50	Normal Voltage	-3.22	-0.001	2.5ppm	PASS
40		-3.22	-0.001		
30		-2.88	-0.001		
20		-7.70	-0.003		
10		2.87	0.001		
0		-2.81	-0.001		
-10		-2.87	-0.001		
-20		3.16	0.001		
-30		2.79	0.001		
20	Maximum Voltage	-4.36	-0.002		
20	BEP	1.58	0.001		

LTE Band 41 (16QAM) / 2593MHz / BW20M					
Temperature (°C)	Voltage	Freq. Dev.	Freq. Dev.	Limit	Result
	(Volt)	(Hz)	(ppm)		
50	Normal Voltage	-3.12	-0.001	2.5ppm	PASS
40		3.54	0.001		
30		-3.32	-0.001		
20		-8.24	-0.003		
10		-3.53	-0.001		
0		-3.53	-0.001		
-10		3.53	0.001		
-20		3.56	0.001		
-30		3.02	0.001		
20	Maximum Voltage	1.74	0.001		
20	BEP	1.61	0.001		



Report

LTE Band 66 (QPSK) / 1745MHz / BW20M					
Temperature (°C)	Voltage	Freq. Dev.	Freq. Dev.	Limit	Result
	(Volt)	(Hz)	(ppm)		
50	Normal Voltage	-1.68	-0.001	2.5ppm	PASS
40		-1.83	-0.001		
30		1.49	0.001		
20		-5.05	-0.003		
10		-1.91	-0.001		
0		-1.54	-0.001		
-10		-1.84	-0.001		
-20		1.84	0.001		
-30		-1.74	-0.001		
20	Maximum Voltage	0.94	0.001		
20	BEP	0.93	0.001		

LTE Band 66 (16QAM) / 1745MHz / BW20M					
Temperature (°C)	Voltage	Freq. Dev.	Freq. Dev.	Limit	Result
	(Volt)	(Hz)	(ppm)		
50	Normal Voltage	2.15	0.001	2.5ppm	PASS
40		-2.22	-0.001		
30		2.11	0.001		
20		-5.62	-0.003		
10		-2.14	-0.001		
0		1.91	0.001		
-10		2.11	0.001		
-20		-1.73	-0.001		
-30		-2.22	-0.001		
20	Maximum Voltage	1.00	0.001		
20	BEP	-2.91	-0.002		



Report

Peak-to-Average Ratio

Band	Bandwidth (MHz)	UL Channel	RB Size	RB Position	Modulation	Result (dB)	high Limit (dB)	Verdict
Band2	1.4	18607	1	#0	QPSK	4.69	13	PASS
Band2	1.4	18607	1	#0	16QAM	5.49	13	PASS
Band2	1.4	18900	1	#0	QPSK	5.05	13	PASS
Band2	1.4	18900	1	#0	16QAM	5.97	13	PASS
Band2	1.4	19193	1	#0	QPSK	4.16	13	PASS
Band2	1.4	19193	1	#0	16QAM	4.93	13	PASS
Band2	3	18615	1	#0	QPSK	4.52	13	PASS
Band2	3	18615	1	#0	16QAM	5.37	13	PASS
Band2	3	18900	1	#0	QPSK	4.87	13	PASS
Band2	3	18900	1	#0	16QAM	5.91	13	PASS
Band2	3	19185	1	#0	QPSK	4.44	13	PASS
Band2	3	19185	1	#0	16QAM	5.16	13	PASS
Band2	5	18625	1	#0	QPSK	4.48	13	PASS
Band2	5	18625	1	#0	16QAM	5.18	13	PASS
Band2	5	18900	1	#0	QPSK	5.00	13	PASS
Band2	5	18900	1	#0	16QAM	5.61	13	PASS
Band2	5	19175	1	#0	QPSK	4.70	13	PASS
Band2	5	19175	1	#0	16QAM	5.32	13	PASS
Band2	10	18650	1	#0	QPSK	4.55	13	PASS
Band2	10	18650	1	#0	16QAM	5.51	13	PASS
Band2	10	18900	1	#0	QPSK	4.67	13	PASS
Band2	10	18900	1	#0	16QAM	5.39	13	PASS
Band2	10	19150	1	#0	QPSK	4.88	13	PASS
Band2	10	19150	1	#0	16QAM	5.75	13	PASS
Band2	15	18675	1	#0	QPSK	4.65	13	PASS
Band2	15	18675	1	#0	16QAM	5.32	13	PASS
Band2	15	18900	1	#0	QPSK	4.91	13	PASS
Band2	15	18900	1	#0	16QAM	5.71	13	PASS
Band2	15	19125	1	#0	QPSK	5.49	13	PASS
Band2	15	19125	1	#0	16QAM	6.41	13	PASS
Band2	20	18700	1	#0	QPSK	4.73	13	PASS
Band2	20	18700	1	#0	16QAM	5.79	13	PASS
Band2	20	18900	1	#0	QPSK	5.03	13	PASS
Band2	20	18900	1	#0	16QAM	5.47	13	PASS
Band2	20	19100	1	#0	QPSK	5.53	13	PASS
Band2	20	19100	1	#0	16QAM	6.15	13	PASS
Band4	1.4	19957	1	#0	QPSK	4.32	13	PASS
Band4	1.4	19957	1	#0	16QAM	5.25	13	PASS
Band4	1.4	20175	1	#0	QPSK	3.38	13	PASS
Band4	1.4	20175	1	#0	16QAM	4.37	13	PASS
Band4	1.4	20393	1	#0	QPSK	4.49	13	PASS
Band4	1.4	20393	1	#0	16QAM	5.17	13	PASS