

## Appendix A: Effective (Isotropic) Radiated Power Output Data

### Test Result

Band	Bandwidth	Modulation	Channel	RB Configuration	Average Power (dBm)	Antenna Gain (dBi)	EIRP(dBm)	ERP/EIRP Limit (dBm)
Band2	1.4MHz	QPSK	18607	1RB#0	23.15	-1.20	21.95	33.00
Band2	1.4MHz	QPSK	18607	1RB#2	23.14	-1.20	21.94	33.00
Band2	1.4MHz	QPSK	18607	1RB#5	23.11	-1.20	21.91	33.00
Band2	1.4MHz	QPSK	18607	3RB#0	22.28	-1.20	21.08	33.00
Band2	1.4MHz	QPSK	18607	3RB#1	22.22	-1.20	21.02	33.00
Band2	1.4MHz	QPSK	18607	3RB#2	22.33	-1.20	21.13	33.00
Band2	1.4MHz	QPSK	18607	6RB#0	22.27	-1.20	21.07	33.00
Band2	1.4MHz	QPSK	18900	1RB#0	23.29	-1.20	22.09	33.00
Band2	1.4MHz	QPSK	18900	1RB#2	23.31	-1.20	22.11	33.00
Band2	1.4MHz	QPSK	18900	1RB#5	23.29	-1.20	22.09	33.00
Band2	1.4MHz	QPSK	18900	3RB#0	22.36	-1.20	21.16	33.00
Band2	1.4MHz	QPSK	18900	3RB#1	22.48	-1.20	21.28	33.00
Band2	1.4MHz	QPSK	18900	3RB#2	22.36	-1.20	21.16	33.00
Band2	1.4MHz	QPSK	18900	6RB#0	22.34	-1.20	21.14	33.00
Band2	1.4MHz	QPSK	19193	1RB#0	23.46	-1.20	22.26	33.00
Band2	1.4MHz	QPSK	19193	1RB#2	23.45	-1.20	22.25	33.00
Band2	1.4MHz	QPSK	19193	1RB#5	23.48	-1.20	22.28	33.00
Band2	1.4MHz	QPSK	19193	3RB#0	22.44	-1.20	21.24	33.00
Band2	1.4MHz	QPSK	19193	3RB#1	22.41	-1.20	21.21	33.00
Band2	1.4MHz	QPSK	19193	3RB#2	22.4	-1.20	21.20	33.00
Band2	1.4MHz	QPSK	19193	6RB#0	22.32	-1.20	21.12	33.00
Band2	1.4MHz	16QAM	18607	1RB#0	22.5	-1.20	21.30	33.00
Band2	1.4MHz	16QAM	18607	1RB#2	22.47	-1.20	21.27	33.00
Band2	1.4MHz	16QAM	18607	1RB#5	22.56	-1.20	21.36	33.00
Band2	1.4MHz	16QAM	18607	3RB#0	21.82	-1.20	20.62	33.00
Band2	1.4MHz	16QAM	18607	3RB#1	21.81	-1.20	20.61	33.00
Band2	1.4MHz	16QAM	18607	3RB#2	21.8	-1.20	20.60	33.00
Band2	1.4MHz	16QAM	18607	6RB#0	21.46	-1.20	20.26	33.00
Band2	1.4MHz	16QAM	18900	1RB#0	22.85	-1.20	21.65	33.00
Band2	1.4MHz	16QAM	18900	1RB#2	22.86	-1.20	21.66	33.00

Band2	1.4MHz	16QAM	18900	1RB#5	22.8	-1.20	21.60	33.00
Band2	1.4MHz	16QAM	18900	3RB#0	22.14	-1.20	20.94	33.00
Band2	1.4MHz	16QAM	18900	3RB#1	22.1	-1.20	20.90	33.00
Band2	1.4MHz	16QAM	18900	3RB#2	22.11	-1.20	20.91	33.00
Band2	1.4MHz	16QAM	18900	6RB#0	21.64	-1.20	20.44	33.00
Band2	1.4MHz	16QAM	19193	1RB#0	22.79	-1.20	21.59	33.00
Band2	1.4MHz	16QAM	19193	1RB#2	22.86	-1.20	21.66	33.00
Band2	1.4MHz	16QAM	19193	1RB#5	22.88	-1.20	21.68	33.00
Band2	1.4MHz	16QAM	19193	3RB#0	22.06	-1.20	20.86	33.00
Band2	1.4MHz	16QAM	19193	3RB#1	22.03	-1.20	20.83	33.00
Band2	1.4MHz	16QAM	19193	3RB#2	22.02	-1.20	20.82	33.00
Band2	1.4MHz	16QAM	19193	6RB#0	21.51	-1.20	20.31	33.00
Band2	3MHz	QPSK	18615	1RB#0	23.3	-1.20	22.10	33.00
Band2	3MHz	QPSK	18615	1RB#7	23.36	-1.20	22.16	33.00
Band2	3MHz	QPSK	18615	1RB#14	23.32	-1.20	22.12	33.00
Band2	3MHz	QPSK	18615	8RB#0	22.36	-1.20	21.16	33.00
Band2	3MHz	QPSK	18615	8RB#4	22.37	-1.20	21.17	33.00
Band2	3MHz	QPSK	18615	8RB#7	22.26	-1.20	21.06	33.00
Band2	3MHz	QPSK	18615	15RB#0	22.19	-1.20	20.99	33.00
Band2	3MHz	QPSK	18900	1RB#0	23.31	-1.20	22.11	33.00
Band2	3MHz	QPSK	18900	1RB#7	23.36	-1.20	22.16	33.00
Band2	3MHz	QPSK	18900	1RB#14	23.33	-1.20	22.13	33.00
Band2	3MHz	QPSK	18900	8RB#0	22.3	-1.20	21.10	33.00
Band2	3MHz	QPSK	18900	8RB#4	22.31	-1.20	21.11	33.00
Band2	3MHz	QPSK	18900	8RB#7	22.31	-1.20	21.11	33.00
Band2	3MHz	QPSK	18900	15RB#0	22.22	-1.20	21.02	33.00
Band2	3MHz	QPSK	19185	1RB#0	23.31	-1.20	22.11	33.00
Band2	3MHz	QPSK	19185	1RB#7	23.37	-1.20	22.17	33.00
Band2	3MHz	QPSK	19185	1RB#14	23.35	-1.20	22.15	33.00
Band2	3MHz	QPSK	19185	8RB#0	22.25	-1.20	21.05	33.00
Band2	3MHz	QPSK	19185	8RB#4	22.4	-1.20	21.20	33.00
Band2	3MHz	QPSK	19185	8RB#7	22.34	-1.20	21.14	33.00
Band2	3MHz	QPSK	19185	15RB#0	22.16	-1.20	20.96	33.00
Band2	3MHz	16QAM	18615	1RB#0	22.19	-1.20	20.99	33.00
Band2	3MHz	16QAM	18615	1RB#7	22.16	-1.20	20.96	33.00
Band2	3MHz	16QAM	18615	1RB#14	22.18	-1.20	20.98	33.00

Band2	3MHz	16QAM	18615	8RB#0	21.7	-1.20	20.50	33.00
Band2	3MHz	16QAM	18615	8RB#4	21.59	-1.20	20.39	33.00
Band2	3MHz	16QAM	18615	8RB#7	21.58	-1.20	20.38	33.00
Band2	3MHz	16QAM	18615	15RB#0	21.42	-1.20	20.22	33.00
Band2	3MHz	16QAM	18900	1RB#0	22.84	-1.20	21.64	33.00
Band2	3MHz	16QAM	18900	1RB#7	22.85	-1.20	21.65	33.00
Band2	3MHz	16QAM	18900	1RB#14	22.82	-1.20	21.62	33.00
Band2	3MHz	16QAM	18900	8RB#0	21.56	-1.20	20.36	33.00
Band2	3MHz	16QAM	18900	8RB#4	21.58	-1.20	20.38	33.00
Band2	3MHz	16QAM	18900	8RB#7	21.57	-1.20	20.37	33.00
Band2	3MHz	16QAM	18900	15RB#0	21.55	-1.20	20.35	33.00
Band2	3MHz	16QAM	19185	1RB#0	22.34	-1.20	21.14	33.00
Band2	3MHz	16QAM	19185	1RB#7	22.33	-1.20	21.13	33.00
Band2	3MHz	16QAM	19185	1RB#14	22.33	-1.20	21.13	33.00
Band2	3MHz	16QAM	19185	8RB#0	21.67	-1.20	20.47	33.00
Band2	3MHz	16QAM	19185	8RB#4	21.69	-1.20	20.49	33.00
Band2	3MHz	16QAM	19185	8RB#7	21.62	-1.20	20.42	33.00
Band2	3MHz	16QAM	19185	15RB#0	21.4	-1.20	20.20	33.00
Band2	5MHz	QPSK	18625	1RB#0	23.28	-1.20	22.08	33.00
Band2	5MHz	QPSK	18625	1RB#12	23.33	-1.20	22.13	33.00
Band2	5MHz	QPSK	18625	1RB#24	23.32	-1.20	22.12	33.00
Band2	5MHz	QPSK	18625	12RB#0	22.37	-1.20	21.17	33.00
Band2	5MHz	QPSK	18625	12RB#6	22.38	-1.20	21.18	33.00
Band2	5MHz	QPSK	18625	12RB#11	22.39	-1.20	21.19	33.00
Band2	5MHz	QPSK	18625	25RB#0	22.29	-1.20	21.09	33.00
Band2	5MHz	QPSK	18900	1RB#0	23.28	-1.20	22.08	33.00
Band2	5MHz	QPSK	18900	1RB#12	23.27	-1.20	22.07	33.00
Band2	5MHz	QPSK	18900	1RB#24	23.3	-1.20	22.10	33.00
Band2	5MHz	QPSK	18900	12RB#0	22.32	-1.20	21.12	33.00
Band2	5MHz	QPSK	18900	12RB#6	22.33	-1.20	21.13	33.00
Band2	5MHz	QPSK	18900	12RB#11	22.34	-1.20	21.14	33.00
Band2	5MHz	QPSK	18900	25RB#0	22.14	-1.20	20.94	33.00
Band2	5MHz	QPSK	19175	1RB#0	23.39	-1.20	22.19	33.00
Band2	5MHz	QPSK	19175	1RB#12	23.4	-1.20	22.20	33.00
Band2	5MHz	QPSK	19175	1RB#24	23.19	-1.20	21.99	33.00
Band2	5MHz	QPSK	19175	12RB#0	22.29	-1.20	21.09	33.00

Band2	5MHz	QPSK	19175	12RB#6	22.32	-1.20	21.12	33.00
Band2	5MHz	QPSK	19175	12RB#11	22.32	-1.20	21.12	33.00
Band2	5MHz	QPSK	19175	25RB#0	22.24	-1.20	21.04	33.00
Band2	5MHz	16QAM	18625	1RB#0	22.13	-1.20	20.93	33.00
Band2	5MHz	16QAM	18625	1RB#12	21.98	-1.20	20.78	33.00
Band2	5MHz	16QAM	18625	1RB#24	22.13	-1.20	20.93	33.00
Band2	5MHz	16QAM	18625	12RB#0	21.51	-1.20	20.31	33.00
Band2	5MHz	16QAM	18625	12RB#6	21.51	-1.20	20.31	33.00
Band2	5MHz	16QAM	18625	12RB#11	21.52	-1.20	20.32	33.00
Band2	5MHz	16QAM	18625	25RB#0	21.21	-1.20	20.01	33.00
Band2	5MHz	16QAM	18900	1RB#0	22.22	-1.20	21.02	33.00
Band2	5MHz	16QAM	18900	1RB#12	22.15	-1.20	20.95	33.00
Band2	5MHz	16QAM	18900	1RB#24	22.13	-1.20	20.93	33.00
Band2	5MHz	16QAM	18900	12RB#0	21.42	-1.20	20.22	33.00
Band2	5MHz	16QAM	18900	12RB#6	21.36	-1.20	20.16	33.00
Band2	5MHz	16QAM	18900	12RB#11	21.4	-1.20	20.20	33.00
Band2	5MHz	16QAM	18900	25RB#0	21.33	-1.20	20.13	33.00
Band2	5MHz	16QAM	19175	1RB#0	22.26	-1.20	21.06	33.00
Band2	5MHz	16QAM	19175	1RB#12	22.15	-1.20	20.95	33.00
Band2	5MHz	16QAM	19175	1RB#24	22.24	-1.20	21.04	33.00
Band2	5MHz	16QAM	19175	12RB#0	21.5	-1.20	20.30	33.00
Band2	5MHz	16QAM	19175	12RB#6	21.52	-1.20	20.32	33.00
Band2	5MHz	16QAM	19175	12RB#11	21.48	-1.20	20.28	33.00
Band2	5MHz	16QAM	19175	25RB#0	21.43	-1.20	20.23	33.00
Band2	10MHz	QPSK	18650	1RB#0	23.31	-1.20	22.11	33.00
Band2	10MHz	QPSK	18650	1RB#24	23.33	-1.20	22.13	33.00
Band2	10MHz	QPSK	18650	1RB#49	23.25	-1.20	22.05	33.00
Band2	10MHz	QPSK	18650	25RB#0	22.31	-1.20	21.11	33.00
Band2	10MHz	QPSK	18650	25RB#12	22.31	-1.20	21.11	33.00
Band2	10MHz	QPSK	18650	25RB#24	22.21	-1.20	21.01	33.00
Band2	10MHz	QPSK	18650	50RB#0	22.15	-1.20	20.95	33.00
Band2	10MHz	QPSK	18900	1RB#0	23.33	-1.20	22.13	33.00
Band2	10MHz	QPSK	18900	1RB#24	23.33	-1.20	22.13	33.00
Band2	10MHz	QPSK	18900	1RB#49	23.36	-1.20	22.16	33.00
Band2	10MHz	QPSK	18900	25RB#0	22.38	-1.20	21.18	33.00
Band2	10MHz	QPSK	18900	25RB#12	22.4	-1.20	21.20	33.00

Band2	10MHz	QPSK	18900	25RB#24	22.41	-1.20	21.21	33.00
Band2	10MHz	QPSK	18900	50RB#0	22.31	-1.20	21.11	33.00
Band2	10MHz	QPSK	19150	1RB#0	23.26	-1.20	22.06	33.00
Band2	10MHz	QPSK	19150	1RB#24	23.29	-1.20	22.09	33.00
Band2	10MHz	QPSK	19150	1RB#49	23.35	-1.20	22.15	33.00
Band2	10MHz	QPSK	19150	25RB#0	22.4	-1.20	21.20	33.00
Band2	10MHz	QPSK	19150	25RB#12	22.43	-1.20	21.23	33.00
Band2	10MHz	QPSK	19150	25RB#24	22.39	-1.20	21.19	33.00
Band2	10MHz	QPSK	19150	50RB#0	22.26	-1.20	21.06	33.00
Band2	10MHz	16QAM	18650	1RB#0	22.17	-1.20	20.97	33.00
Band2	10MHz	16QAM	18650	1RB#24	22.27	-1.20	21.07	33.00
Band2	10MHz	16QAM	18650	1RB#49	22.18	-1.20	20.98	33.00
Band2	10MHz	16QAM	18650	25RB#0	21.43	-1.20	20.23	33.00
Band2	10MHz	16QAM	18650	25RB#12	21.44	-1.20	20.24	33.00
Band2	10MHz	16QAM	18650	25RB#24	21.47	-1.20	20.27	33.00
Band2	10MHz	16QAM	18650	50RB#0	21.35	-1.20	20.15	33.00
Band2	10MHz	16QAM	18900	1RB#0	22.23	-1.20	21.03	33.00
Band2	10MHz	16QAM	18900	1RB#24	22.21	-1.20	21.01	33.00
Band2	10MHz	16QAM	18900	1RB#49	22.17	-1.20	20.97	33.00
Band2	10MHz	16QAM	18900	25RB#0	21.48	-1.20	20.28	33.00
Band2	10MHz	16QAM	18900	25RB#12	21.47	-1.20	20.27	33.00
Band2	10MHz	16QAM	18900	25RB#24	21.48	-1.20	20.28	33.00
Band2	10MHz	16QAM	18900	50RB#0	21.42	-1.20	20.22	33.00
Band2	10MHz	16QAM	19150	1RB#0	22.15	-1.20	20.95	33.00
Band2	10MHz	16QAM	19150	1RB#24	22.16	-1.20	20.96	33.00
Band2	10MHz	16QAM	19150	1RB#49	22.08	-1.20	20.88	33.00
Band2	10MHz	16QAM	19150	25RB#0	21.38	-1.20	20.18	33.00
Band2	10MHz	16QAM	19150	25RB#12	21.39	-1.20	20.19	33.00
Band2	10MHz	16QAM	19150	25RB#24	21.4	-1.20	20.20	33.00
Band2	10MHz	16QAM	19150	50RB#0	21.3	-1.20	20.10	33.00
Band2	15MHz	QPSK	18675	1RB#0	23.35	-1.20	22.15	33.00
Band2	15MHz	QPSK	18675	1RB#37	23.36	-1.20	22.16	33.00
Band2	15MHz	QPSK	18675	1RB#74	23.42	-1.20	22.22	33.00
Band2	15MHz	QPSK	18675	36RB#0	22.37	-1.20	21.17	33.00
Band2	15MHz	QPSK	18675	36RB#16	22.23	-1.20	21.03	33.00
Band2	15MHz	QPSK	18675	36RB#35	22.4	-1.20	21.20	33.00

Band2	15MHz	QPSK	18675	75RB#0	22.26	-1.20	21.06	33.00
Band2	15MHz	QPSK	18900	1RB#0	23.32	-1.20	22.12	33.00
Band2	15MHz	QPSK	18900	1RB#37	23.31	-1.20	22.11	33.00
Band2	15MHz	QPSK	18900	1RB#74	23.37	-1.20	22.17	33.00
Band2	15MHz	QPSK	18900	36RB#0	22.24	-1.20	21.04	33.00
Band2	15MHz	QPSK	18900	36RB#16	22.36	-1.20	21.16	33.00
Band2	15MHz	QPSK	18900	36RB#35	22.26	-1.20	21.06	33.00
Band2	15MHz	QPSK	18900	75RB#0	22.35	-1.20	21.15	33.00
Band2	15MHz	QPSK	19125	1RB#0	23.22	-1.20	22.02	33.00
Band2	15MHz	QPSK	19125	1RB#37	23.31	-1.20	22.11	33.00
Band2	15MHz	QPSK	19125	1RB#74	23.34	-1.20	22.14	33.00
Band2	15MHz	QPSK	19125	36RB#0	22.35	-1.20	21.15	33.00
Band2	15MHz	QPSK	19125	36RB#16	22.36	-1.20	21.16	33.00
Band2	15MHz	QPSK	19125	36RB#35	22.22	-1.20	21.02	33.00
Band2	15MHz	QPSK	19125	75RB#0	22.3	-1.20	21.10	33.00
Band2	15MHz	16QAM	18675	1RB#0	22.39	-1.20	21.19	33.00
Band2	15MHz	16QAM	18675	1RB#37	22.4	-1.20	21.20	33.00
Band2	15MHz	16QAM	18675	1RB#74	22.37	-1.20	21.17	33.00
Band2	15MHz	16QAM	18675	36RB#0	21.43	-1.20	20.23	33.00
Band2	15MHz	16QAM	18675	36RB#16	21.43	-1.20	20.23	33.00
Band2	15MHz	16QAM	18675	36RB#35	21.42	-1.20	20.22	33.00
Band2	15MHz	16QAM	18675	75RB#0	21.34	-1.20	20.14	33.00
Band2	15MHz	16QAM	18900	1RB#0	22.2	-1.20	21.00	33.00
Band2	15MHz	16QAM	18900	1RB#37	22.23	-1.20	21.03	33.00
Band2	15MHz	16QAM	18900	1RB#74	22.26	-1.20	21.06	33.00
Band2	15MHz	16QAM	18900	36RB#0	21.31	-1.20	20.11	33.00
Band2	15MHz	16QAM	18900	36RB#16	21.41	-1.20	20.21	33.00
Band2	15MHz	16QAM	18900	36RB#35	21.32	-1.20	20.12	33.00
Band2	15MHz	16QAM	18900	75RB#0	21.22	-1.20	20.02	33.00
Band2	15MHz	16QAM	19125	1RB#0	21.96	-1.20	20.76	33.00
Band2	15MHz	16QAM	19125	1RB#37	22.11	-1.20	20.91	33.00
Band2	15MHz	16QAM	19125	1RB#74	22.12	-1.20	20.92	33.00
Band2	15MHz	16QAM	19125	36RB#0	21.37	-1.20	20.17	33.00
Band2	15MHz	16QAM	19125	36RB#16	21.39	-1.20	20.19	33.00
Band2	15MHz	16QAM	19125	36RB#35	21.41	-1.20	20.21	33.00
Band2	15MHz	16QAM	19125	75RB#0	21.32	-1.20	20.12	33.00

Band2	20MHz	QPSK	18700	1RB#0	23.37	-1.20	22.17	33.00
Band2	20MHz	QPSK	18700	1RB#49	23.49	-1.20	22.29	33.00
Band2	20MHz	QPSK	18700	1RB#99	23.47	-1.20	22.27	33.00
Band2	20MHz	QPSK	18700	50RB#0	22.34	-1.20	21.14	33.00
Band2	20MHz	QPSK	18700	50RB#24	22.37	-1.20	21.17	33.00
Band2	20MHz	QPSK	18700	50RB#49	22.27	-1.20	21.07	33.00
Band2	20MHz	QPSK	18700	100RB#0	22.23	-1.20	21.03	33.00
Band2	20MHz	QPSK	18900	1RB#0	23.52	-1.20	22.32	33.00
Band2	20MHz	QPSK	18900	1RB#49	23.44	-1.20	22.24	33.00
Band2	20MHz	QPSK	18900	1RB#99	23.49	-1.20	22.29	33.00
Band2	20MHz	QPSK	18900	50RB#0	22.37	-1.20	21.17	33.00
Band2	20MHz	QPSK	18900	50RB#24	22.39	-1.20	21.19	33.00
Band2	20MHz	QPSK	18900	50RB#49	22.51	-1.20	21.31	33.00
Band2	20MHz	QPSK	18900	100RB#0	22.32	-1.20	21.12	33.00
Band2	20MHz	QPSK	19100	1RB#0	23.16	-1.20	21.96	33.00
Band2	20MHz	QPSK	19100	1RB#49	23.28	-1.20	22.08	33.00
Band2	20MHz	QPSK	19100	1RB#99	23.41	-1.20	22.21	33.00
Band2	20MHz	QPSK	19100	50RB#0	22.24	-1.20	21.04	33.00
Band2	20MHz	QPSK	19100	50RB#24	22.22	-1.20	21.02	33.00
Band2	20MHz	QPSK	19100	50RB#49	22.37	-1.20	21.17	33.00
Band2	20MHz	QPSK	19100	100RB#0	22.19	-1.20	20.99	33.00
Band2	20MHz	16QAM	18700	1RB#0	22.41	-1.20	21.21	33.00
Band2	20MHz	16QAM	18700	1RB#49	22.44	-1.20	21.24	33.00
Band2	20MHz	16QAM	18700	1RB#99	22.53	-1.20	21.33	33.00
Band2	20MHz	16QAM	18700	50RB#0	21.37	-1.20	20.17	33.00
Band2	20MHz	16QAM	18700	50RB#24	21.4	-1.20	20.20	33.00
Band2	20MHz	16QAM	18700	50RB#49	21.4	-1.20	20.20	33.00
Band2	20MHz	16QAM	18700	100RB#0	21.35	-1.20	20.15	33.00
Band2	20MHz	16QAM	18900	1RB#0	22.2	-1.20	21.00	33.00
Band2	20MHz	16QAM	18900	1RB#49	22.25	-1.20	21.05	33.00
Band2	20MHz	16QAM	18900	1RB#99	22.24	-1.20	21.04	33.00
Band2	20MHz	16QAM	18900	50RB#0	21.55	-1.20	20.35	33.00
Band2	20MHz	16QAM	18900	50RB#24	21.56	-1.20	20.36	33.00
Band2	20MHz	16QAM	18900	50RB#49	21.56	-1.20	20.36	33.00
Band2	20MHz	16QAM	18900	100RB#0	21.51	-1.20	20.31	33.00
Band2	20MHz	16QAM	19100	1RB#0	22.38	-1.20	21.18	33.00

Band2	20MHz	16QAM	19100	1RB#49	22.43	-1.20	21.23	33.00
Band2	20MHz	16QAM	19100	1RB#99	22.49	-1.20	21.29	33.00
Band2	20MHz	16QAM	19100	50RB#0	21.53	-1.20	20.33	33.00
Band2	20MHz	16QAM	19100	50RB#24	21.66	-1.20	20.46	33.00
Band2	20MHz	16QAM	19100	50RB#49	21.58	-1.20	20.38	33.00
Band2	20MHz	16QAM	19100	100RB#0	21.37	-1.20	20.17	33.00
Band4	1.4MHz	QPSK	19957	1RB#0	23.35	-1.30	22.05	30.00
Band4	1.4MHz	QPSK	19957	1RB#2	23.35	-1.30	22.05	30.00
Band4	1.4MHz	QPSK	19957	1RB#5	23.39	-1.30	22.09	30.00
Band4	1.4MHz	QPSK	19957	3RB#0	22.43	-1.30	21.13	30.00
Band4	1.4MHz	QPSK	19957	3RB#1	22.41	-1.30	21.11	30.00
Band4	1.4MHz	QPSK	19957	3RB#2	22.39	-1.30	21.09	30.00
Band4	1.4MHz	QPSK	19957	6RB#0	22.34	-1.30	21.04	30.00
Band4	1.4MHz	QPSK	20175	1RB#0	23.42	-1.30	22.12	30.00
Band4	1.4MHz	QPSK	20175	1RB#2	23.45	-1.30	22.15	30.00
Band4	1.4MHz	QPSK	20175	1RB#5	23.43	-1.30	22.13	30.00
Band4	1.4MHz	QPSK	20175	3RB#0	22.45	-1.30	21.15	30.00
Band4	1.4MHz	QPSK	20175	3RB#1	22.44	-1.30	21.14	30.00
Band4	1.4MHz	QPSK	20175	3RB#2	22.34	-1.30	21.04	30.00
Band4	1.4MHz	QPSK	20175	6RB#0	22.36	-1.30	21.06	30.00
Band4	1.4MHz	QPSK	20393	1RB#0	23.08	-1.30	21.78	30.00
Band4	1.4MHz	QPSK	20393	1RB#2	23.1	-1.30	21.80	30.00
Band4	1.4MHz	QPSK	20393	1RB#5	23.13	-1.30	21.83	30.00
Band4	1.4MHz	QPSK	20393	3RB#0	22.35	-1.30	21.05	30.00
Band4	1.4MHz	QPSK	20393	3RB#1	22.29	-1.30	20.99	30.00
Band4	1.4MHz	QPSK	20393	3RB#2	22.31	-1.30	21.01	30.00
Band4	1.4MHz	QPSK	20393	6RB#0	22.23	-1.30	20.93	30.00
Band4	1.4MHz	16QAM	19957	1RB#0	22.22	-1.30	20.92	30.00
Band4	1.4MHz	16QAM	19957	1RB#2	22.28	-1.30	20.98	30.00
Band4	1.4MHz	16QAM	19957	1RB#5	22.25	-1.30	20.95	30.00
Band4	1.4MHz	16QAM	19957	3RB#0	21.35	-1.30	20.05	30.00
Band4	1.4MHz	16QAM	19957	3RB#1	21.34	-1.30	20.04	30.00
Band4	1.4MHz	16QAM	19957	3RB#2	21.34	-1.30	20.04	30.00
Band4	1.4MHz	16QAM	19957	6RB#0	21.28	-1.30	19.98	30.00
Band4	1.4MHz	16QAM	20175	1RB#0	22.78	-1.30	21.48	30.00
Band4	1.4MHz	16QAM	20175	1RB#2	22.86	-1.30	21.56	30.00



Band4	1.4MHz	16QAM	20175	1RB#5	22.82	-1.30	21.52	30.00
Band4	1.4MHz	16QAM	20175	3RB#0	21.5	-1.30	20.20	30.00
Band4	1.4MHz	16QAM	20175	3RB#1	21.48	-1.30	20.18	30.00
Band4	1.4MHz	16QAM	20175	3RB#2	21.49	-1.30	20.19	30.00
Band4	1.4MHz	16QAM	20175	6RB#0	21.42	-1.30	20.12	30.00
Band4	1.4MHz	16QAM	20393	1RB#0	22.39	-1.30	21.09	30.00
Band4	1.4MHz	16QAM	20393	1RB#2	22.51	-1.30	21.21	30.00
Band4	1.4MHz	16QAM	20393	1RB#5	22.51	-1.30	21.21	30.00
Band4	1.4MHz	16QAM	20393	3RB#0	21.54	-1.30	20.24	30.00
Band4	1.4MHz	16QAM	20393	3RB#1	21.46	-1.30	20.16	30.00
Band4	1.4MHz	16QAM	20393	3RB#2	21.51	-1.30	20.21	30.00
Band4	1.4MHz	16QAM	20393	6RB#0	21.35	-1.30	20.05	30.00
Band4	3MHz	QPSK	19965	1RB#0	23.32	-1.30	22.02	30.00
Band4	3MHz	QPSK	19965	1RB#7	23.36	-1.30	22.06	30.00
Band4	3MHz	QPSK	19965	1RB#14	23.35	-1.30	22.05	30.00
Band4	3MHz	QPSK	19965	8RB#0	22.3	-1.30	21.00	30.00
Band4	3MHz	QPSK	19965	8RB#4	22.32	-1.30	21.02	30.00
Band4	3MHz	QPSK	19965	8RB#7	22.41	-1.30	21.11	30.00
Band4	3MHz	QPSK	19965	15RB#0	22.17	-1.30	20.87	30.00
Band4	3MHz	QPSK	20175	1RB#0	23.24	-1.30	21.94	30.00
Band4	3MHz	QPSK	20175	1RB#7	23.27	-1.30	21.97	30.00
Band4	3MHz	QPSK	20175	1RB#14	23.23	-1.30	21.93	30.00
Band4	3MHz	QPSK	20175	8RB#0	22.37	-1.30	21.07	30.00
Band4	3MHz	QPSK	20175	8RB#4	22.27	-1.30	20.97	30.00
Band4	3MHz	QPSK	20175	8RB#7	22.28	-1.30	20.98	30.00
Band4	3MHz	QPSK	20175	15RB#0	22.08	-1.30	20.78	30.00
Band4	3MHz	QPSK	20385	1RB#0	23.3	-1.30	22.00	30.00
Band4	3MHz	QPSK	20385	1RB#7	23.46	-1.30	22.16	30.00
Band4	3MHz	QPSK	20385	1RB#14	23.47	-1.30	22.17	30.00
Band4	3MHz	QPSK	20385	8RB#0	22.21	-1.30	20.91	30.00
Band4	3MHz	QPSK	20385	8RB#4	22.22	-1.30	20.92	30.00
Band4	3MHz	QPSK	20385	8RB#7	22.2	-1.30	20.90	30.00
Band4	3MHz	QPSK	20385	15RB#0	22.04	-1.30	20.74	30.00
Band4	3MHz	16QAM	19965	1RB#0	22.21	-1.30	20.91	30.00
Band4	3MHz	16QAM	19965	1RB#7	22.22	-1.30	20.92	30.00
Band4	3MHz	16QAM	19965	1RB#14	22.28	-1.30	20.98	30.00

Band4	3MHz	16QAM	19965	8RB#0	21.41	-1.30	20.11	30.00
Band4	3MHz	16QAM	19965	8RB#4	21.4	-1.30	20.10	30.00
Band4	3MHz	16QAM	19965	8RB#7	21.51	-1.30	20.21	30.00
Band4	3MHz	16QAM	19965	15RB#0	21.18	-1.30	19.88	30.00
Band4	3MHz	16QAM	20175	1RB#0	22.27	-1.30	20.97	30.00
Band4	3MHz	16QAM	20175	1RB#7	22.4	-1.30	21.10	30.00
Band4	3MHz	16QAM	20175	1RB#14	22.34	-1.30	21.04	30.00
Band4	3MHz	16QAM	20175	8RB#0	21.56	-1.30	20.26	30.00
Band4	3MHz	16QAM	20175	8RB#4	21.56	-1.30	20.26	30.00
Band4	3MHz	16QAM	20175	8RB#7	21.63	-1.30	20.33	30.00
Band4	3MHz	16QAM	20175	15RB#0	21.54	-1.30	20.24	30.00
Band4	3MHz	16QAM	20385	1RB#0	22.48	-1.30	21.18	30.00
Band4	3MHz	16QAM	20385	1RB#7	22.54	-1.30	21.24	30.00
Band4	3MHz	16QAM	20385	1RB#14	22.63	-1.30	21.33	30.00
Band4	3MHz	16QAM	20385	8RB#0	21.65	-1.30	20.35	30.00
Band4	3MHz	16QAM	20385	8RB#4	21.62	-1.30	20.32	30.00
Band4	3MHz	16QAM	20385	8RB#7	21.54	-1.30	20.24	30.00
Band4	3MHz	16QAM	20385	15RB#0	21.21	-1.30	19.91	30.00
Band4	5MHz	QPSK	19975	1RB#0	23.26	-1.30	21.96	30.00
Band4	5MHz	QPSK	19975	1RB#12	23.34	-1.30	22.04	30.00
Band4	5MHz	QPSK	19975	1RB#24	23.31	-1.30	22.01	30.00
Band4	5MHz	QPSK	19975	12RB#0	22.36	-1.30	21.06	30.00
Band4	5MHz	QPSK	19975	12RB#6	22.36	-1.30	21.06	30.00
Band4	5MHz	QPSK	19975	12RB#11	22.36	-1.30	21.06	30.00
Band4	5MHz	QPSK	19975	25RB#0	22.22	-1.30	20.92	30.00
Band4	5MHz	QPSK	20175	1RB#0	23.32	-1.30	22.02	30.00
Band4	5MHz	QPSK	20175	1RB#12	23.29	-1.30	21.99	30.00
Band4	5MHz	QPSK	20175	1RB#24	23.33	-1.30	22.03	30.00
Band4	5MHz	QPSK	20175	12RB#0	22.23	-1.30	20.93	30.00
Band4	5MHz	QPSK	20175	12RB#6	22.24	-1.30	20.94	30.00
Band4	5MHz	QPSK	20175	12RB#11	22.25	-1.30	20.95	30.00
Band4	5MHz	QPSK	20175	25RB#0	22.19	-1.30	20.89	30.00
Band4	5MHz	QPSK	20375	1RB#0	23.12	-1.30	21.82	30.00
Band4	5MHz	QPSK	20375	1RB#12	23.1	-1.30	21.80	30.00
Band4	5MHz	QPSK	20375	1RB#24	23.19	-1.30	21.89	30.00
Band4	5MHz	QPSK	20375	12RB#0	22.27	-1.30	20.97	30.00

Band4	5MHz	QPSK	20375	12RB#6	22.28	-1.30	20.98	30.00
Band4	5MHz	QPSK	20375	12RB#11	22.17	-1.30	20.87	30.00
Band4	5MHz	QPSK	20375	25RB#0	22.09	-1.30	20.79	30.00
Band4	5MHz	16QAM	19975	1RB#0	22.11	-1.30	20.81	30.00
Band4	5MHz	16QAM	19975	1RB#12	22.11	-1.30	20.81	30.00
Band4	5MHz	16QAM	19975	1RB#24	22.17	-1.30	20.87	30.00
Band4	5MHz	16QAM	19975	12RB#0	21.35	-1.30	20.05	30.00
Band4	5MHz	16QAM	19975	12RB#6	21.35	-1.30	20.05	30.00
Band4	5MHz	16QAM	19975	12RB#11	21.36	-1.30	20.06	30.00
Band4	5MHz	16QAM	19975	25RB#0	21.26	-1.30	19.96	30.00
Band4	5MHz	16QAM	20175	1RB#0	22.12	-1.30	20.82	30.00
Band4	5MHz	16QAM	20175	1RB#12	22.04	-1.30	20.74	30.00
Band4	5MHz	16QAM	20175	1RB#24	22.15	-1.30	20.85	30.00
Band4	5MHz	16QAM	20175	12RB#0	21.37	-1.30	20.07	30.00
Band4	5MHz	16QAM	20175	12RB#6	21.35	-1.30	20.05	30.00
Band4	5MHz	16QAM	20175	12RB#11	21.36	-1.30	20.06	30.00
Band4	5MHz	16QAM	20175	25RB#0	21.2	-1.30	19.90	30.00
Band4	5MHz	16QAM	20375	1RB#0	22.31	-1.30	21.01	30.00
Band4	5MHz	16QAM	20375	1RB#12	22.2	-1.30	20.90	30.00
Band4	5MHz	16QAM	20375	1RB#24	22.36	-1.30	21.06	30.00
Band4	5MHz	16QAM	20375	12RB#0	21.36	-1.30	20.06	30.00
Band4	5MHz	16QAM	20375	12RB#6	21.35	-1.30	20.05	30.00
Band4	5MHz	16QAM	20375	12RB#11	21.37	-1.30	20.07	30.00
Band4	5MHz	16QAM	20375	25RB#0	21.18	-1.30	19.88	30.00
Band4	10MHz	QPSK	20000	1RB#0	23.25	-1.30	21.95	30.00
Band4	10MHz	QPSK	20000	1RB#24	23.37	-1.30	22.07	30.00
Band4	10MHz	QPSK	20000	1RB#49	23.38	-1.30	22.08	30.00
Band4	10MHz	QPSK	20000	25RB#0	22.38	-1.30	21.08	30.00
Band4	10MHz	QPSK	20000	25RB#12	22.4	-1.30	21.10	30.00
Band4	10MHz	QPSK	20000	25RB#24	22.37	-1.30	21.07	30.00
Band4	10MHz	QPSK	20000	50RB#0	22.27	-1.30	20.97	30.00
Band4	10MHz	QPSK	20175	1RB#0	23.28	-1.30	21.98	30.00
Band4	10MHz	QPSK	20175	1RB#24	23.26	-1.30	21.96	30.00
Band4	10MHz	QPSK	20175	1RB#49	23.35	-1.30	22.05	30.00
Band4	10MHz	QPSK	20175	25RB#0	22.25	-1.30	20.95	30.00
Band4	10MHz	QPSK	20175	25RB#12	22.25	-1.30	20.95	30.00

Band4	10MHz	QPSK	20175	25RB#24	22.26	-1.30	20.96	30.00
Band4	10MHz	QPSK	20175	50RB#0	22.1	-1.30	20.80	30.00
Band4	10MHz	QPSK	20350	1RB#0	23.29	-1.30	21.99	30.00
Band4	10MHz	QPSK	20350	1RB#24	23.28	-1.30	21.98	30.00
Band4	10MHz	QPSK	20350	1RB#49	23.31	-1.30	22.01	30.00
Band4	10MHz	QPSK	20350	25RB#0	22.28	-1.30	20.98	30.00
Band4	10MHz	QPSK	20350	25RB#12	22.27	-1.30	20.97	30.00
Band4	10MHz	QPSK	20350	25RB#24	22.27	-1.30	20.97	30.00
Band4	10MHz	QPSK	20350	50RB#0	22.18	-1.30	20.88	30.00
Band4	10MHz	16QAM	20000	1RB#0	22.17	-1.30	20.87	30.00
Band4	10MHz	16QAM	20000	1RB#24	22.24	-1.30	20.94	30.00
Band4	10MHz	16QAM	20000	1RB#49	22.28	-1.30	20.98	30.00
Band4	10MHz	16QAM	20000	25RB#0	21.52	-1.30	20.22	30.00
Band4	10MHz	16QAM	20000	25RB#12	21.5	-1.30	20.20	30.00
Band4	10MHz	16QAM	20000	25RB#24	21.52	-1.30	20.22	30.00
Band4	10MHz	16QAM	20000	50RB#0	21.42	-1.30	20.12	30.00
Band4	10MHz	16QAM	20175	1RB#0	22.29	-1.30	20.99	30.00
Band4	10MHz	16QAM	20175	1RB#24	22.38	-1.30	21.08	30.00
Band4	10MHz	16QAM	20175	1RB#49	22.23	-1.30	20.93	30.00
Band4	10MHz	16QAM	20175	25RB#0	21.33	-1.30	20.03	30.00
Band4	10MHz	16QAM	20175	25RB#12	21.34	-1.30	20.04	30.00
Band4	10MHz	16QAM	20175	25RB#24	21.34	-1.30	20.04	30.00
Band4	10MHz	16QAM	20175	50RB#0	21.24	-1.30	19.94	30.00
Band4	10MHz	16QAM	20350	1RB#0	22.37	-1.30	21.07	30.00
Band4	10MHz	16QAM	20350	1RB#24	22.39	-1.30	21.09	30.00
Band4	10MHz	16QAM	20350	1RB#49	22.42	-1.30	21.12	30.00
Band4	10MHz	16QAM	20350	25RB#0	21.41	-1.30	20.11	30.00
Band4	10MHz	16QAM	20350	25RB#12	21.4	-1.30	20.10	30.00
Band4	10MHz	16QAM	20350	25RB#24	21.42	-1.30	20.12	30.00
Band4	10MHz	16QAM	20350	50RB#0	21.31	-1.30	20.01	30.00
Band4	15MHz	QPSK	20025	1RB#0	23.07	-1.30	21.77	30.00
Band4	15MHz	QPSK	20025	1RB#37	22.94	-1.30	21.64	30.00
Band4	15MHz	QPSK	20025	1RB#74	23.24	-1.30	21.94	30.00
Band4	15MHz	QPSK	20025	36RB#0	22.42	-1.30	21.12	30.00
Band4	15MHz	QPSK	20025	36RB#16	22.31	-1.30	21.01	30.00
Band4	15MHz	QPSK	20025	36RB#35	22.31	-1.30	21.01	30.00

Band4	15MHz	QPSK	20025	75RB#0	22.29	-1.30	20.99	30.00
Band4	15MHz	QPSK	20175	1RB#0	23.28	-1.30	21.98	30.00
Band4	15MHz	QPSK	20175	1RB#37	23.28	-1.30	21.98	30.00
Band4	15MHz	QPSK	20175	1RB#74	23.25	-1.30	21.95	30.00
Band4	15MHz	QPSK	20175	36RB#0	22.24	-1.30	20.94	30.00
Band4	15MHz	QPSK	20175	36RB#16	22.37	-1.30	21.07	30.00
Band4	15MHz	QPSK	20175	36RB#35	22.37	-1.30	21.07	30.00
Band4	15MHz	QPSK	20175	75RB#0	22.4	-1.30	21.10	30.00
Band4	15MHz	QPSK	20325	1RB#0	22.32	-1.30	21.02	30.00
Band4	15MHz	QPSK	20325	1RB#37	22.48	-1.30	21.18	30.00
Band4	15MHz	QPSK	20325	1RB#74	22.41	-1.30	21.11	30.00
Band4	15MHz	QPSK	20325	36RB#0	22.25	-1.30	20.95	30.00
Band4	15MHz	QPSK	20325	36RB#16	22.27	-1.30	20.97	30.00
Band4	15MHz	QPSK	20325	36RB#35	22.28	-1.30	20.98	30.00
Band4	15MHz	QPSK	20325	75RB#0	22.26	-1.30	20.96	30.00
Band4	15MHz	16QAM	20025	1RB#0	22	-1.30	20.70	30.00
Band4	15MHz	16QAM	20025	1RB#37	22.08	-1.30	20.78	30.00
Band4	15MHz	16QAM	20025	1RB#74	22.08	-1.30	20.78	30.00
Band4	15MHz	16QAM	20025	36RB#0	21.52	-1.30	20.22	30.00
Band4	15MHz	16QAM	20025	36RB#16	21.53	-1.30	20.23	30.00
Band4	15MHz	16QAM	20025	36RB#35	21.53	-1.30	20.23	30.00
Band4	15MHz	16QAM	20025	75RB#0	21.44	-1.30	20.14	30.00
Band4	15MHz	16QAM	20175	1RB#0	22.11	-1.30	20.81	30.00
Band4	15MHz	16QAM	20175	1RB#37	22.13	-1.30	20.83	30.00
Band4	15MHz	16QAM	20175	1RB#74	22.06	-1.30	20.76	30.00
Band4	15MHz	16QAM	20175	36RB#0	21.49	-1.30	20.19	30.00
Band4	15MHz	16QAM	20175	36RB#16	21.5	-1.30	20.20	30.00
Band4	15MHz	16QAM	20175	36RB#35	21.45	-1.30	20.15	30.00
Band4	15MHz	16QAM	20175	75RB#0	21.51	-1.30	20.21	30.00
Band4	15MHz	16QAM	20325	1RB#0	22.52	-1.30	21.22	30.00
Band4	15MHz	16QAM	20325	1RB#37	22.58	-1.30	21.28	30.00
Band4	15MHz	16QAM	20325	1RB#74	22.51	-1.30	21.21	30.00
Band4	15MHz	16QAM	20325	36RB#0	21.46	-1.30	20.16	30.00
Band4	15MHz	16QAM	20325	36RB#16	21.44	-1.30	20.14	30.00
Band4	15MHz	16QAM	20325	36RB#35	21.48	-1.30	20.18	30.00
Band4	15MHz	16QAM	20325	75RB#0	21.41	-1.30	20.11	30.00

Band4	20MHz	QPSK	20050	1RB#0	23.39	-1.30	22.09	30.00
Band4	20MHz	QPSK	20050	1RB#49	23.43	-1.30	22.13	30.00
Band4	20MHz	QPSK	20050	1RB#99	23.46	-1.30	22.16	30.00
Band4	20MHz	QPSK	20050	50RB#0	22.34	-1.30	21.04	30.00
Band4	20MHz	QPSK	20050	50RB#24	22.35	-1.30	21.05	30.00
Band4	20MHz	QPSK	20050	50RB#49	22.36	-1.30	21.06	30.00
Band4	20MHz	QPSK	20050	100RB#0	22.31	-1.30	21.01	30.00
Band4	20MHz	QPSK	20175	1RB#0	23.45	-1.30	22.15	30.00
Band4	20MHz	QPSK	20175	1RB#49	23.54	-1.30	22.24	30.00
Band4	20MHz	QPSK	20175	1RB#99	23.53	-1.30	22.23	30.00
Band4	20MHz	QPSK	20175	50RB#0	22.37	-1.30	21.07	30.00
Band4	20MHz	QPSK	20175	50RB#24	22.38	-1.30	21.08	30.00
Band4	20MHz	QPSK	20175	50RB#49	22.39	-1.30	21.09	30.00
Band4	20MHz	QPSK	20175	100RB#0	22.36	-1.30	21.06	30.00
Band4	20MHz	QPSK	20300	1RB#0	23.35	-1.30	22.05	30.00
Band4	20MHz	QPSK	20300	1RB#49	23.37	-1.30	22.07	30.00
Band4	20MHz	QPSK	20300	1RB#99	23.38	-1.30	22.08	30.00
Band4	20MHz	QPSK	20300	50RB#0	22.27	-1.30	20.97	30.00
Band4	20MHz	QPSK	20300	50RB#24	22.27	-1.30	20.97	30.00
Band4	20MHz	QPSK	20300	50RB#49	22.28	-1.30	20.98	30.00
Band4	20MHz	QPSK	20300	100RB#0	22.32	-1.30	21.02	30.00
Band4	20MHz	16QAM	20050	1RB#0	22.57	-1.30	21.27	30.00
Band4	20MHz	16QAM	20050	1RB#49	22.59	-1.30	21.29	30.00
Band4	20MHz	16QAM	20050	1RB#99	22.5	-1.30	21.20	30.00
Band4	20MHz	16QAM	20050	50RB#0	21.38	-1.30	20.08	30.00
Band4	20MHz	16QAM	20050	50RB#24	21.39	-1.30	20.09	30.00
Band4	20MHz	16QAM	20050	50RB#49	21.4	-1.30	20.10	30.00
Band4	20MHz	16QAM	20050	100RB#0	21.46	-1.30	20.16	30.00
Band4	20MHz	16QAM	20175	1RB#0	22.38	-1.30	21.08	30.00
Band4	20MHz	16QAM	20175	1RB#49	22.4	-1.30	21.10	30.00
Band4	20MHz	16QAM	20175	1RB#99	22.41	-1.30	21.11	30.00
Band4	20MHz	16QAM	20175	50RB#0	21.49	-1.30	20.19	30.00
Band4	20MHz	16QAM	20175	50RB#24	21.53	-1.30	20.23	30.00
Band4	20MHz	16QAM	20175	50RB#49	21.51	-1.30	20.21	30.00
Band4	20MHz	16QAM	20175	100RB#0	21.56	-1.30	20.26	30.00
Band4	20MHz	16QAM	20300	1RB#0	22.59	-1.30	21.29	30.00

Band4	20MHz	16QAM	20300	1RB#49	22.58	-1.30	21.28	30.00
Band4	20MHz	16QAM	20300	1RB#99	22.61	-1.30	21.31	30.00
Band4	20MHz	16QAM	20300	50RB#0	21.36	-1.30	20.06	30.00
Band4	20MHz	16QAM	20300	50RB#24	21.37	-1.30	20.07	30.00
Band4	20MHz	16QAM	20300	50RB#49	21.37	-1.30	20.07	30.00
Band4	20MHz	16QAM	20300	100RB#0	21.39	-1.30	20.09	30.00
Band5	1.4MHz	QPSK	20407	1RB#0	23.23	-2.50	18.58	38.45
Band5	1.4MHz	QPSK	20407	1RB#2	23.19	-2.50	18.54	38.45
Band5	1.4MHz	QPSK	20407	1RB#5	23.16	-2.50	18.51	38.45
Band5	1.4MHz	QPSK	20407	3RB#0	22.28	-2.50	17.63	38.45
Band5	1.4MHz	QPSK	20407	3RB#1	22.25	-2.50	17.60	38.45
Band5	1.4MHz	QPSK	20407	3RB#2	22.36	-2.50	17.71	38.45
Band5	1.4MHz	QPSK	20407	6RB#0	22.22	-2.50	17.57	38.45
Band5	1.4MHz	QPSK	20525	1RB#0	22.95	-2.50	18.30	38.45
Band5	1.4MHz	QPSK	20525	1RB#2	22.94	-2.50	18.29	38.45
Band5	1.4MHz	QPSK	20525	1RB#5	23	-2.50	18.35	38.45
Band5	1.4MHz	QPSK	20525	3RB#0	22.07	-2.50	17.42	38.45
Band5	1.4MHz	QPSK	20525	3RB#1	22.07	-2.50	17.42	38.45
Band5	1.4MHz	QPSK	20525	3RB#2	22.06	-2.50	17.41	38.45
Band5	1.4MHz	QPSK	20525	6RB#0	22.03	-2.50	17.38	38.45
Band5	1.4MHz	QPSK	20643	1RB#0	23.08	-2.50	18.43	38.45
Band5	1.4MHz	QPSK	20643	1RB#2	23.04	-2.50	18.39	38.45
Band5	1.4MHz	QPSK	20643	1RB#5	23.06	-2.50	18.41	38.45
Band5	1.4MHz	QPSK	20643	3RB#0	22.13	-2.50	17.48	38.45
Band5	1.4MHz	QPSK	20643	3RB#1	22.1	-2.50	17.45	38.45
Band5	1.4MHz	QPSK	20643	3RB#2	22.13	-2.50	17.48	38.45
Band5	1.4MHz	QPSK	20643	6RB#0	22.04	-2.50	17.39	38.45
Band5	1.4MHz	16QAM	20407	1RB#0	22.89	-2.50	18.24	38.45
Band5	1.4MHz	16QAM	20407	1RB#2	22.92	-2.50	18.27	38.45
Band5	1.4MHz	16QAM	20407	1RB#5	22.8	-2.50	18.15	38.45
Band5	1.4MHz	16QAM	20407	3RB#0	21.67	-2.50	17.02	38.45
Band5	1.4MHz	16QAM	20407	3RB#1	21.73	-2.50	17.08	38.45
Band5	1.4MHz	16QAM	20407	3RB#2	21.85	-2.50	17.20	38.45
Band5	1.4MHz	16QAM	20407	6RB#0	21.28	-2.50	16.63	38.45
Band5	1.4MHz	16QAM	20525	1RB#0	22.72	-2.50	18.07	38.45
Band5	1.4MHz	16QAM	20525	1RB#2	22.68	-2.50	18.03	38.45

Band5	1.4MHz	16QAM	20525	1RB#5	22.67	-2.50	18.02	38.45
Band5	1.4MHz	16QAM	20525	3RB#0	21.89	-2.50	17.24	38.45
Band5	1.4MHz	16QAM	20525	3RB#1	21.92	-2.50	17.27	38.45
Band5	1.4MHz	16QAM	20525	3RB#2	21.91	-2.50	17.26	38.45
Band5	1.4MHz	16QAM	20525	6RB#0	21.25	-2.50	16.60	38.45
Band5	1.4MHz	16QAM	20643	1RB#0	22.49	-2.50	17.84	38.45
Band5	1.4MHz	16QAM	20643	1RB#2	22.49	-2.50	17.84	38.45
Band5	1.4MHz	16QAM	20643	1RB#5	22.52	-2.50	17.87	38.45
Band5	1.4MHz	16QAM	20643	3RB#0	21.72	-2.50	17.07	38.45
Band5	1.4MHz	16QAM	20643	3RB#1	21.72	-2.50	17.07	38.45
Band5	1.4MHz	16QAM	20643	3RB#2	21.69	-2.50	17.04	38.45
Band5	1.4MHz	16QAM	20643	6RB#0	21.08	-2.50	16.43	38.45
Band5	3MHz	QPSK	20415	1RB#0	23.17	-2.50	18.52	38.45
Band5	3MHz	QPSK	20415	1RB#7	23.26	-2.50	18.61	38.45
Band5	3MHz	QPSK	20415	1RB#14	23.22	-2.50	18.57	38.45
Band5	3MHz	QPSK	20415	8RB#0	22.26	-2.50	17.61	38.45
Band5	3MHz	QPSK	20415	8RB#4	22.32	-2.50	17.67	38.45
Band5	3MHz	QPSK	20415	8RB#7	22.13	-2.50	17.48	38.45
Band5	3MHz	QPSK	20415	15RB#0	22.29	-2.50	17.64	38.45
Band5	3MHz	QPSK	20525	1RB#0	23.04	-2.50	18.39	38.45
Band5	3MHz	QPSK	20525	1RB#7	23.12	-2.50	18.47	38.45
Band5	3MHz	QPSK	20525	1RB#14	23.08	-2.50	18.43	38.45
Band5	3MHz	QPSK	20525	8RB#0	22.19	-2.50	17.54	38.45
Band5	3MHz	QPSK	20525	8RB#4	22.08	-2.50	17.43	38.45
Band5	3MHz	QPSK	20525	8RB#7	22.2	-2.50	17.55	38.45
Band5	3MHz	QPSK	20525	15RB#0	22.21	-2.50	17.56	38.45
Band5	3MHz	QPSK	20635	1RB#0	23.12	-2.50	18.47	38.45
Band5	3MHz	QPSK	20635	1RB#7	23.16	-2.50	18.51	38.45
Band5	3MHz	QPSK	20635	1RB#14	23.09	-2.50	18.44	38.45
Band5	3MHz	QPSK	20635	8RB#0	22.05	-2.50	17.40	38.45
Band5	3MHz	QPSK	20635	8RB#4	22.08	-2.50	17.43	38.45
Band5	3MHz	QPSK	20635	8RB#7	22.2	-2.50	17.55	38.45
Band5	3MHz	QPSK	20635	15RB#0	21.94	-2.50	17.29	38.45
Band5	3MHz	16QAM	20415	1RB#0	22.65	-2.50	18.00	38.45
Band5	3MHz	16QAM	20415	1RB#7	22.49	-2.50	17.84	38.45
Band5	3MHz	16QAM	20415	1RB#14	22.52	-2.50	17.87	38.45



Band5	3MHz	16QAM	20415	8RB#0	21.36	-2.50	16.71	38.45
Band5	3MHz	16QAM	20415	8RB#4	21.42	-2.50	16.77	38.45
Band5	3MHz	16QAM	20415	8RB#7	21.57	-2.50	16.92	38.45
Band5	3MHz	16QAM	20415	15RB#0	21.07	-2.50	16.42	38.45
Band5	3MHz	16QAM	20525	1RB#0	22.74	-2.50	18.09	38.45
Band5	3MHz	16QAM	20525	1RB#7	22.79	-2.50	18.14	38.45
Band5	3MHz	16QAM	20525	1RB#14	22.72	-2.50	18.07	38.45
Band5	3MHz	16QAM	20525	8RB#0	21.32	-2.50	16.67	38.45
Band5	3MHz	16QAM	20525	8RB#4	21.34	-2.50	16.69	38.45
Band5	3MHz	16QAM	20525	8RB#7	21.33	-2.50	16.68	38.45
Band5	3MHz	16QAM	20525	15RB#0	21.31	-2.50	16.66	38.45
Band5	3MHz	16QAM	20635	1RB#0	22.52	-2.50	17.87	38.45
Band5	3MHz	16QAM	20635	1RB#7	22.45	-2.50	17.80	38.45
Band5	3MHz	16QAM	20635	1RB#14	22.54	-2.50	17.89	38.45
Band5	3MHz	16QAM	20635	8RB#0	21.32	-2.50	16.67	38.45
Band5	3MHz	16QAM	20635	8RB#4	21.29	-2.50	16.64	38.45
Band5	3MHz	16QAM	20635	8RB#7	21.35	-2.50	16.70	38.45
Band5	3MHz	16QAM	20635	15RB#0	21.07	-2.50	16.42	38.45
Band5	5MHz	QPSK	20425	1RB#0	23.35	-2.50	18.70	38.45
Band5	5MHz	QPSK	20425	1RB#12	23.26	-2.50	18.61	38.45
Band5	5MHz	QPSK	20425	1RB#24	23.22	-2.50	18.57	38.45
Band5	5MHz	QPSK	20425	12RB#0	22.32	-2.50	17.67	38.45
Band5	5MHz	QPSK	20425	12RB#6	22.33	-2.50	17.68	38.45
Band5	5MHz	QPSK	20425	12RB#11	22.34	-2.50	17.69	38.45
Band5	5MHz	QPSK	20425	25RB#0	22.16	-2.50	17.51	38.45
Band5	5MHz	QPSK	20525	1RB#0	23	-2.50	18.35	38.45
Band5	5MHz	QPSK	20525	1RB#12	22.95	-2.50	18.30	38.45
Band5	5MHz	QPSK	20525	1RB#24	23.07	-2.50	18.42	38.45
Band5	5MHz	QPSK	20525	12RB#0	22.1	-2.50	17.45	38.45
Band5	5MHz	QPSK	20525	12RB#6	22.13	-2.50	17.48	38.45
Band5	5MHz	QPSK	20525	12RB#11	22.13	-2.50	17.48	38.45
Band5	5MHz	QPSK	20525	25RB#0	22.08	-2.50	17.43	38.45
Band5	5MHz	QPSK	20625	1RB#0	23.05	-2.50	18.40	38.45
Band5	5MHz	QPSK	20625	1RB#12	23.1	-2.50	18.45	38.45
Band5	5MHz	QPSK	20625	1RB#24	23.13	-2.50	18.48	38.45
Band5	5MHz	QPSK	20625	12RB#0	21.97	-2.50	17.32	38.45

Band5	5MHz	QPSK	20625	12RB#6	21.99	-2.50	17.34	38.45
Band5	5MHz	QPSK	20625	12RB#11	22	-2.50	17.35	38.45
Band5	5MHz	QPSK	20625	25RB#0	21.99	-2.50	17.34	38.45
Band5	5MHz	16QAM	20425	1RB#0	22.54	-2.50	17.89	38.45
Band5	5MHz	16QAM	20425	1RB#12	22.53	-2.50	17.88	38.45
Band5	5MHz	16QAM	20425	1RB#24	22.65	-2.50	18.00	38.45
Band5	5MHz	16QAM	20425	12RB#0	21.21	-2.50	16.56	38.45
Band5	5MHz	16QAM	20425	12RB#6	21.21	-2.50	16.56	38.45
Band5	5MHz	16QAM	20425	12RB#11	21.22	-2.50	16.57	38.45
Band5	5MHz	16QAM	20425	25RB#0	21.22	-2.50	16.57	38.45
Band5	5MHz	16QAM	20525	1RB#0	22.57	-2.50	17.92	38.45
Band5	5MHz	16QAM	20525	1RB#12	22.57	-2.50	17.92	38.45
Band5	5MHz	16QAM	20525	1RB#24	22.7	-2.50	18.05	38.45
Band5	5MHz	16QAM	20525	12RB#0	21.25	-2.50	16.60	38.45
Band5	5MHz	16QAM	20525	12RB#6	21.27	-2.50	16.62	38.45
Band5	5MHz	16QAM	20525	12RB#11	21.27	-2.50	16.62	38.45
Band5	5MHz	16QAM	20525	25RB#0	21.23	-2.50	16.58	38.45
Band5	5MHz	16QAM	20625	1RB#0	22.4	-2.50	17.75	38.45
Band5	5MHz	16QAM	20625	1RB#12	22.37	-2.50	17.72	38.45
Band5	5MHz	16QAM	20625	1RB#24	22.42	-2.50	17.77	38.45
Band5	5MHz	16QAM	20625	12RB#0	21.21	-2.50	16.56	38.45
Band5	5MHz	16QAM	20625	12RB#6	21.13	-2.50	16.48	38.45
Band5	5MHz	16QAM	20625	12RB#11	21.13	-2.50	16.48	38.45
Band5	5MHz	16QAM	20625	25RB#0	21.16	-2.50	16.51	38.45
Band5	10MHz	QPSK	20450	1RB#0	23.35	-2.50	18.70	38.45
Band5	10MHz	QPSK	20450	1RB#24	23.27	-2.50	18.62	38.45
Band5	10MHz	QPSK	20450	1RB#49	23.24	-2.50	18.59	38.45
Band5	10MHz	QPSK	20450	25RB#0	22.16	-2.50	17.51	38.45
Band5	10MHz	QPSK	20450	25RB#12	22.15	-2.50	17.50	38.45
Band5	10MHz	QPSK	20450	25RB#24	22.12	-2.50	17.47	38.45
Band5	10MHz	QPSK	20450	50RB#0	22.09	-2.50	17.44	38.45
Band5	10MHz	QPSK	20525	1RB#0	23.01	-2.50	18.36	38.45
Band5	10MHz	QPSK	20525	1RB#24	23.07	-2.50	18.42	38.45
Band5	10MHz	QPSK	20525	1RB#49	23.12	-2.50	18.47	38.45
Band5	10MHz	QPSK	20525	25RB#0	22.15	-2.50	17.50	38.45
Band5	10MHz	QPSK	20525	25RB#12	22.15	-2.50	17.50	38.45

Band5	10MHz	QPSK	20525	25RB#24	22.14	-2.50	17.49	38.45
Band5	10MHz	QPSK	20525	50RB#0	22.16	-2.50	17.51	38.45
Band5	10MHz	QPSK	20600	1RB#0	22.89	-2.50	18.24	38.45
Band5	10MHz	QPSK	20600	1RB#24	23.01	-2.50	18.36	38.45
Band5	10MHz	QPSK	20600	1RB#49	23.14	-2.50	18.49	38.45
Band5	10MHz	QPSK	20600	25RB#0	22.04	-2.50	17.39	38.45
Band5	10MHz	QPSK	20600	25RB#12	22.13	-2.50	17.48	38.45
Band5	10MHz	QPSK	20600	25RB#24	22.03	-2.50	17.38	38.45
Band5	10MHz	QPSK	20600	50RB#0	22.1	-2.50	17.45	38.45
Band5	10MHz	16QAM	20450	1RB#0	22.9	-2.50	18.25	38.45
Band5	10MHz	16QAM	20450	1RB#24	22.79	-2.50	18.14	38.45
Band5	10MHz	16QAM	20450	1RB#49	22.56	-2.50	17.91	38.45
Band5	10MHz	16QAM	20450	25RB#0	21.39	-2.50	16.74	38.45
Band5	10MHz	16QAM	20450	25RB#12	21.36	-2.50	16.71	38.45
Band5	10MHz	16QAM	20450	25RB#24	21.34	-2.50	16.69	38.45
Band5	10MHz	16QAM	20450	50RB#0	21.25	-2.50	16.60	38.45
Band5	10MHz	16QAM	20525	1RB#0	22.71	-2.50	18.06	38.45
Band5	10MHz	16QAM	20525	1RB#24	22.88	-2.50	18.23	38.45
Band5	10MHz	16QAM	20525	1RB#49	22.87	-2.50	18.22	38.45
Band5	10MHz	16QAM	20525	25RB#0	21.22	-2.50	16.57	38.45
Band5	10MHz	16QAM	20525	25RB#12	21.22	-2.50	16.57	38.45
Band5	10MHz	16QAM	20525	25RB#24	21.21	-2.50	16.56	38.45
Band5	10MHz	16QAM	20525	50RB#0	21.18	-2.50	16.53	38.45
Band5	10MHz	16QAM	20600	1RB#0	22.37	-2.50	17.72	38.45
Band5	10MHz	16QAM	20600	1RB#24	22.42	-2.50	17.77	38.45
Band5	10MHz	16QAM	20600	1RB#49	22.41	-2.50	17.76	38.45
Band5	10MHz	16QAM	20600	25RB#0	21.27	-2.50	16.62	38.45
Band5	10MHz	16QAM	20600	25RB#12	21.33	-2.50	16.68	38.45
Band5	10MHz	16QAM	20600	25RB#24	21.33	-2.50	16.68	38.45
Band5	10MHz	16QAM	20600	50RB#0	21.22	-2.50	16.57	38.45
Band7	5MHz	QPSK	20775	1RB#0	23	-1.00	22.00	33.00
Band7	5MHz	QPSK	20775	1RB#12	23.03	-1.00	22.03	33.00
Band7	5MHz	QPSK	20775	1RB#24	23	-1.00	22.00	33.00
Band7	5MHz	QPSK	20775	12RB#0	21.95	-1.00	20.95	33.00
Band7	5MHz	QPSK	20775	12RB#6	21.94	-1.00	20.94	33.00
Band7	5MHz	QPSK	20775	12RB#11	21.89	-1.00	20.89	33.00

Band7	5MHz	QPSK	20775	25RB#0	21.93	-1.00	20.93	33.00
Band7	5MHz	QPSK	21100	1RB#0	23.29	-1.00	22.29	33.00
Band7	5MHz	QPSK	21100	1RB#12	23.11	-1.00	22.11	33.00
Band7	5MHz	QPSK	21100	1RB#24	23.08	-1.00	22.08	33.00
Band7	5MHz	QPSK	21100	12RB#0	21.94	-1.00	20.94	33.00
Band7	5MHz	QPSK	21100	12RB#6	21.9	-1.00	20.90	33.00
Band7	5MHz	QPSK	21100	12RB#11	21.9	-1.00	20.90	33.00
Band7	5MHz	QPSK	21100	25RB#0	21.9	-1.00	20.90	33.00
Band7	5MHz	QPSK	21425	1RB#0	23.08	-1.00	22.08	33.00
Band7	5MHz	QPSK	21425	1RB#12	23.1	-1.00	22.10	33.00
Band7	5MHz	QPSK	21425	1RB#24	23.07	-1.00	22.07	33.00
Band7	5MHz	QPSK	21425	12RB#0	22.01	-1.00	21.01	33.00
Band7	5MHz	QPSK	21425	12RB#6	22.17	-1.00	21.17	33.00
Band7	5MHz	QPSK	21425	12RB#11	22.06	-1.00	21.06	33.00
Band7	5MHz	QPSK	21425	25RB#0	22.04	-1.00	21.04	33.00
Band7	5MHz	16QAM	20775	1RB#0	22.12	-1.00	21.12	33.00
Band7	5MHz	16QAM	20775	1RB#12	22.03	-1.00	21.03	33.00
Band7	5MHz	16QAM	20775	1RB#24	21.99	-1.00	20.99	33.00
Band7	5MHz	16QAM	20775	12RB#0	21.01	-1.00	20.01	33.00
Band7	5MHz	16QAM	20775	12RB#6	20.99	-1.00	19.99	33.00
Band7	5MHz	16QAM	20775	12RB#11	21.02	-1.00	20.02	33.00
Band7	5MHz	16QAM	20775	25RB#0	21.16	-1.00	20.16	33.00
Band7	5MHz	16QAM	21100	1RB#0	22	-1.00	21.00	33.00
Band7	5MHz	16QAM	21100	1RB#12	22.13	-1.00	21.13	33.00
Band7	5MHz	16QAM	21100	1RB#24	22.2	-1.00	21.20	33.00
Band7	5MHz	16QAM	21100	12RB#0	21.06	-1.00	20.06	33.00
Band7	5MHz	16QAM	21100	12RB#6	21.1	-1.00	20.10	33.00
Band7	5MHz	16QAM	21100	12RB#11	21.07	-1.00	20.07	33.00
Band7	5MHz	16QAM	21100	25RB#0	21.24	-1.00	20.24	33.00
Band7	5MHz	16QAM	21425	1RB#0	22.2	-1.00	21.20	33.00
Band7	5MHz	16QAM	21425	1RB#12	22.22	-1.00	21.22	33.00
Band7	5MHz	16QAM	21425	1RB#24	22.36	-1.00	21.36	33.00
Band7	5MHz	16QAM	21425	12RB#0	21.24	-1.00	20.24	33.00
Band7	5MHz	16QAM	21425	12RB#6	21.24	-1.00	20.24	33.00
Band7	5MHz	16QAM	21425	12RB#11	21.13	-1.00	20.13	33.00
Band7	5MHz	16QAM	21425	25RB#0	21.12	-1.00	20.12	33.00

Band7	10MHz	QPSK	20800	1RB#0	23	-1.00	22.00	33.00
Band7	10MHz	QPSK	20800	1RB#24	22.92	-1.00	21.92	33.00
Band7	10MHz	QPSK	20800	1RB#49	22.88	-1.00	21.88	33.00
Band7	10MHz	QPSK	20800	25RB#0	21.95	-1.00	20.95	33.00
Band7	10MHz	QPSK	20800	25RB#12	21.96	-1.00	20.96	33.00
Band7	10MHz	QPSK	20800	25RB#24	21.96	-1.00	20.96	33.00
Band7	10MHz	QPSK	20800	50RB#0	21.95	-1.00	20.95	33.00
Band7	10MHz	QPSK	21100	1RB#0	22.87	-1.00	21.87	33.00
Band7	10MHz	QPSK	21100	1RB#24	22.8	-1.00	21.80	33.00
Band7	10MHz	QPSK	21100	1RB#49	22.77	-1.00	21.77	33.00
Band7	10MHz	QPSK	21100	25RB#0	21.85	-1.00	20.85	33.00
Band7	10MHz	QPSK	21100	25RB#12	21.9	-1.00	20.90	33.00
Band7	10MHz	QPSK	21100	25RB#24	21.91	-1.00	20.91	33.00
Band7	10MHz	QPSK	21100	50RB#0	21.92	-1.00	20.92	33.00
Band7	10MHz	QPSK	21400	1RB#0	23.06	-1.00	22.06	33.00
Band7	10MHz	QPSK	21400	1RB#24	23.15	-1.00	22.15	33.00
Band7	10MHz	QPSK	21400	1RB#49	23.14	-1.00	22.14	33.00
Band7	10MHz	QPSK	21400	25RB#0	22.11	-1.00	21.11	33.00
Band7	10MHz	QPSK	21400	25RB#12	22.12	-1.00	21.12	33.00
Band7	10MHz	QPSK	21400	25RB#24	22.13	-1.00	21.13	33.00
Band7	10MHz	QPSK	21400	50RB#0	21.99	-1.00	20.99	33.00
Band7	10MHz	16QAM	20800	1RB#0	22.09	-1.00	21.09	33.00
Band7	10MHz	16QAM	20800	1RB#24	22.08	-1.00	21.08	33.00
Band7	10MHz	16QAM	20800	1RB#49	22.13	-1.00	21.13	33.00
Band7	10MHz	16QAM	20800	25RB#0	21	-1.00	20.00	33.00
Band7	10MHz	16QAM	20800	25RB#12	21.04	-1.00	20.04	33.00
Band7	10MHz	16QAM	20800	25RB#24	21.07	-1.00	20.07	33.00
Band7	10MHz	16QAM	20800	50RB#0	21	-1.00	20.00	33.00
Band7	10MHz	16QAM	21100	1RB#0	22.24	-1.00	21.24	33.00
Band7	10MHz	16QAM	21100	1RB#24	22.18	-1.00	21.18	33.00
Band7	10MHz	16QAM	21100	1RB#49	22.17	-1.00	21.17	33.00
Band7	10MHz	16QAM	21100	25RB#0	21.02	-1.00	20.02	33.00
Band7	10MHz	16QAM	21100	25RB#12	21.04	-1.00	20.04	33.00
Band7	10MHz	16QAM	21100	25RB#24	21.05	-1.00	20.05	33.00
Band7	10MHz	16QAM	21100	50RB#0	21.13	-1.00	20.13	33.00
Band7	10MHz	16QAM	21400	1RB#0	22.11	-1.00	21.11	33.00

Band7	10MHz	16QAM	21400	1RB#24	22.17	-1.00	21.17	33.00
Band7	10MHz	16QAM	21400	1RB#49	22.01	-1.00	21.01	33.00
Band7	10MHz	16QAM	21400	25RB#0	21.28	-1.00	20.28	33.00
Band7	10MHz	16QAM	21400	25RB#12	21.29	-1.00	20.29	33.00
Band7	10MHz	16QAM	21400	25RB#24	21.25	-1.00	20.25	33.00
Band7	10MHz	16QAM	21400	50RB#0	21.2	-1.00	20.20	33.00
Band7	15MHz	QPSK	20825	1RB#0	22.93	-1.00	21.93	33.00
Band7	15MHz	QPSK	20825	1RB#37	22.88	-1.00	21.88	33.00
Band7	15MHz	QPSK	20825	1RB#74	22.88	-1.00	21.88	33.00
Band7	15MHz	QPSK	20825	36RB#0	22.03	-1.00	21.03	33.00
Band7	15MHz	QPSK	20825	36RB#16	22.03	-1.00	21.03	33.00
Band7	15MHz	QPSK	20825	36RB#35	22.04	-1.00	21.04	33.00
Band7	15MHz	QPSK	20825	75RB#0	21.83	-1.00	20.83	33.00
Band7	15MHz	QPSK	21100	1RB#0	22.78	-1.00	21.78	33.00
Band7	15MHz	QPSK	21100	1RB#37	22.89	-1.00	21.89	33.00
Band7	15MHz	QPSK	21100	1RB#74	22.95	-1.00	21.95	33.00
Band7	15MHz	QPSK	21100	36RB#0	21.98	-1.00	20.98	33.00
Band7	15MHz	QPSK	21100	36RB#16	22.02	-1.00	21.02	33.00
Band7	15MHz	QPSK	21100	36RB#35	22.04	-1.00	21.04	33.00
Band7	15MHz	QPSK	21100	75RB#0	21.91	-1.00	20.91	33.00
Band7	15MHz	QPSK	21375	1RB#0	23.06	-1.00	22.06	33.00
Band7	15MHz	QPSK	21375	1RB#37	23	-1.00	22.00	33.00
Band7	15MHz	QPSK	21375	1RB#74	23.1	-1.00	22.10	33.00
Band7	15MHz	QPSK	21375	36RB#0	22.11	-1.00	21.11	33.00
Band7	15MHz	QPSK	21375	36RB#16	22.02	-1.00	21.02	33.00
Band7	15MHz	QPSK	21375	36RB#35	22.12	-1.00	21.12	33.00
Band7	15MHz	QPSK	21375	75RB#0	22.13	-1.00	21.13	33.00
Band7	15MHz	16QAM	20825	1RB#0	22.22	-1.00	21.22	33.00
Band7	15MHz	16QAM	20825	1RB#37	22.27	-1.00	21.27	33.00
Band7	15MHz	16QAM	20825	1RB#74	22.23	-1.00	21.23	33.00
Band7	15MHz	16QAM	20825	36RB#0	21.1	-1.00	20.10	33.00
Band7	15MHz	16QAM	20825	36RB#16	21.1	-1.00	20.10	33.00
Band7	15MHz	16QAM	20825	36RB#35	21.09	-1.00	20.09	33.00
Band7	15MHz	16QAM	20825	75RB#0	21.06	-1.00	20.06	33.00
Band7	15MHz	16QAM	21100	1RB#0	22.43	-1.00	21.43	33.00
Band7	15MHz	16QAM	21100	1RB#37	22.55	-1.00	21.55	33.00

Band7	15MHz	16QAM	21100	1RB#74	22.47	-1.00	21.47	33.00
Band7	15MHz	16QAM	21100	36RB#0	21.19	-1.00	20.19	33.00
Band7	15MHz	16QAM	21100	36RB#16	21.16	-1.00	20.16	33.00
Band7	15MHz	16QAM	21100	36RB#35	21.24	-1.00	20.24	33.00
Band7	15MHz	16QAM	21100	75RB#0	21.07	-1.00	20.07	33.00
Band7	15MHz	16QAM	21375	1RB#0	22.53	-1.00	21.53	33.00
Band7	15MHz	16QAM	21375	1RB#37	22.47	-1.00	21.47	33.00
Band7	15MHz	16QAM	21375	1RB#74	22.42	-1.00	21.42	33.00
Band7	15MHz	16QAM	21375	36RB#0	21.26	-1.00	20.26	33.00
Band7	15MHz	16QAM	21375	36RB#16	21.29	-1.00	20.29	33.00
Band7	15MHz	16QAM	21375	36RB#35	21.31	-1.00	20.31	33.00
Band7	15MHz	16QAM	21375	75RB#0	21.28	-1.00	20.28	33.00
Band7	20MHz	QPSK	20850	1RB#0	23.13	-1.00	22.13	33.00
Band7	20MHz	QPSK	20850	1RB#49	23.17	-1.00	22.17	33.00
Band7	20MHz	QPSK	20850	1RB#99	23.22	-1.00	22.22	33.00
Band7	20MHz	QPSK	20850	50RB#0	21.97	-1.00	20.97	33.00
Band7	20MHz	QPSK	20850	50RB#24	21.98	-1.00	20.98	33.00
Band7	20MHz	QPSK	20850	50RB#49	21.98	-1.00	20.98	33.00
Band7	20MHz	QPSK	20850	100RB#0	21.91	-1.00	20.91	33.00
Band7	20MHz	QPSK	21100	1RB#0	23.26	-1.00	22.26	33.00
Band7	20MHz	QPSK	21100	1RB#49	23.31	-1.00	22.31	33.00
Band7	20MHz	QPSK	21100	1RB#99	23.3	-1.00	22.30	33.00
Band7	20MHz	QPSK	21100	50RB#0	22.07	-1.00	21.07	33.00
Band7	20MHz	QPSK	21100	50RB#24	22.07	-1.00	21.07	33.00
Band7	20MHz	QPSK	21100	50RB#49	22.11	-1.00	21.11	33.00
Band7	20MHz	QPSK	21100	100RB#0	21.91	-1.00	20.91	33.00
Band7	20MHz	QPSK	21350	1RB#0	23.33	-1.00	22.33	33.00
Band7	20MHz	QPSK	21350	1RB#49	23.26	-1.00	22.26	33.00
Band7	20MHz	QPSK	21350	1RB#99	23.38	-1.00	22.38	33.00
Band7	20MHz	QPSK	21350	50RB#0	22.07	-1.00	21.07	33.00
Band7	20MHz	QPSK	21350	50RB#24	22.12	-1.00	21.12	33.00
Band7	20MHz	QPSK	21350	50RB#49	21.92	-1.00	20.92	33.00
Band7	20MHz	QPSK	21350	100RB#0	22.12	-1.00	21.12	33.00
Band7	20MHz	16QAM	20850	1RB#0	22.66	-1.00	21.66	33.00
Band7	20MHz	16QAM	20850	1RB#49	22.6	-1.00	21.60	33.00
Band7	20MHz	16QAM	20850	1RB#99	22.69	-1.00	21.69	33.00

Band7	20MHz	16QAM	20850	50RB#0	21.08	-1.00	20.08	33.00
Band7	20MHz	16QAM	20850	50RB#24	21.09	-1.00	20.09	33.00
Band7	20MHz	16QAM	20850	50RB#49	21.09	-1.00	20.09	33.00
Band7	20MHz	16QAM	20850	100RB#0	21.01	-1.00	20.01	33.00
Band7	20MHz	16QAM	21100	1RB#0	22.65	-1.00	21.65	33.00
Band7	20MHz	16QAM	21100	1RB#49	22.63	-1.00	21.63	33.00
Band7	20MHz	16QAM	21100	1RB#99	22.74	-1.00	21.74	33.00
Band7	20MHz	16QAM	21100	50RB#0	21.28	-1.00	20.28	33.00
Band7	20MHz	16QAM	21100	50RB#24	21.29	-1.00	20.29	33.00
Band7	20MHz	16QAM	21100	50RB#49	21.25	-1.00	20.25	33.00
Band7	20MHz	16QAM	21100	100RB#0	21.09	-1.00	20.09	33.00
Band7	20MHz	16QAM	21350	1RB#0	22.54	-1.00	21.54	33.00
Band7	20MHz	16QAM	21350	1RB#49	22.67	-1.00	21.67	33.00
Band7	20MHz	16QAM	21350	1RB#99	22.84	-1.00	21.84	33.00
Band7	20MHz	16QAM	21350	50RB#0	21.16	-1.00	20.16	33.00
Band7	20MHz	16QAM	21350	50RB#24	21.16	-1.00	20.16	33.00
Band7	20MHz	16QAM	21350	50RB#49	21.27	-1.00	20.27	33.00
Band7	20MHz	16QAM	21350	100RB#0	21.35	-1.00	20.35	33.00

Note: EIRP (dBm) = Average power (dBm) + Antenna Gain (dBi). (For LTE Band 2/4/7)

ERP (dBm) = EIRP (dBm) - 2.15 (dB). (For LTE Band 5)

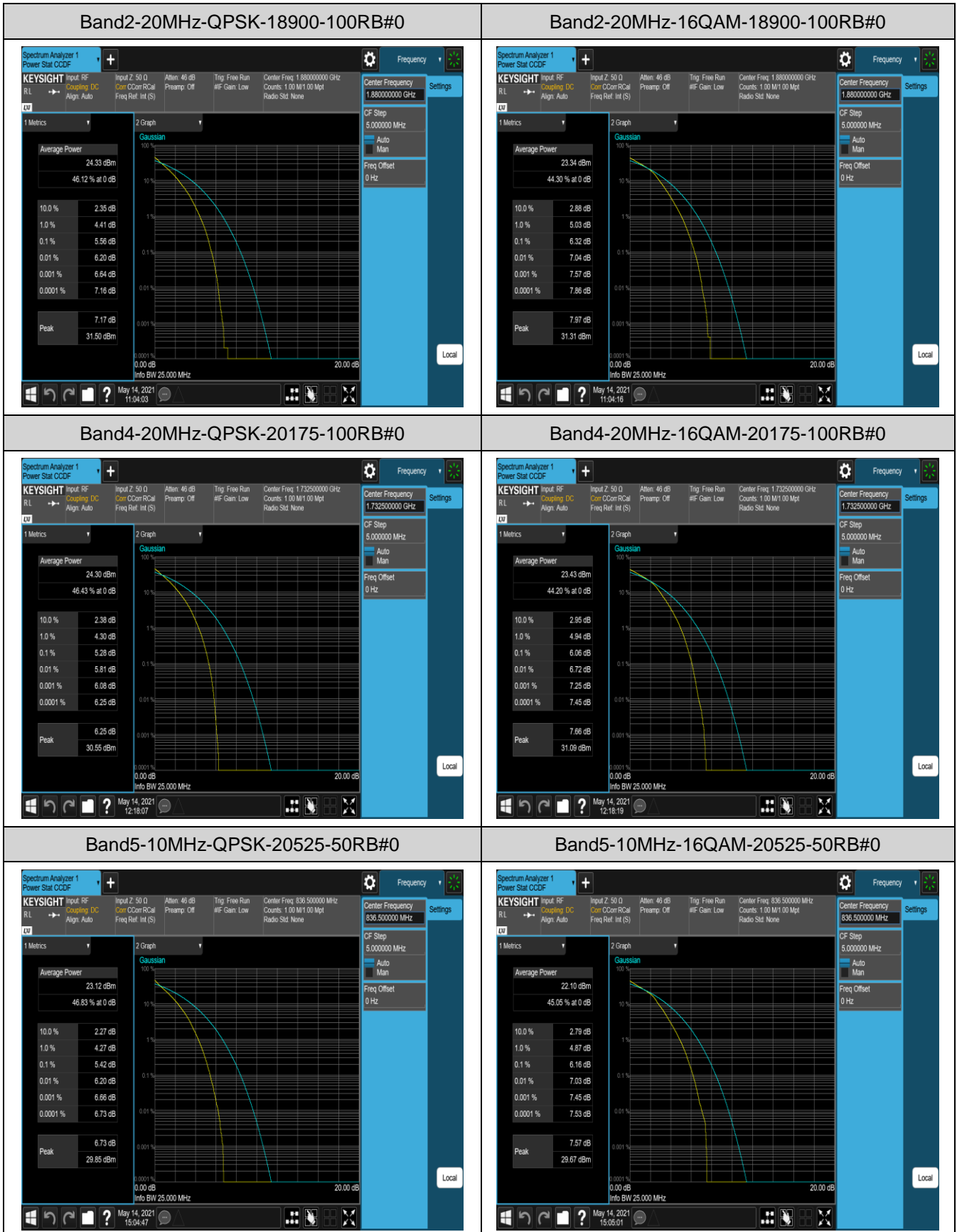


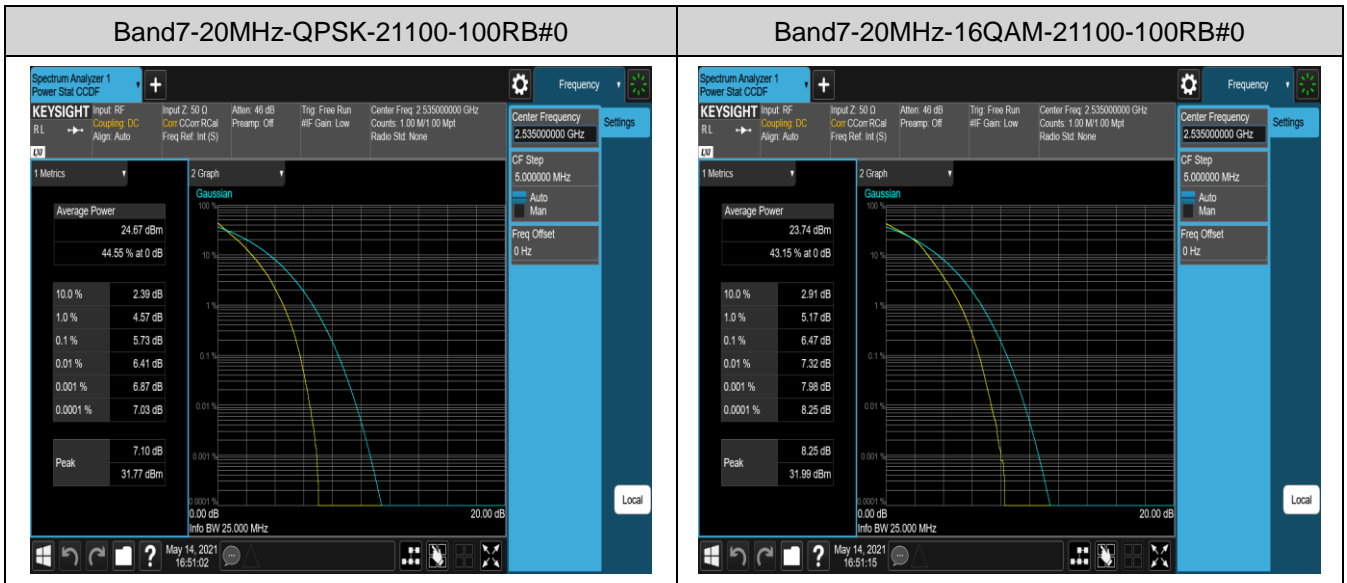
## Appendix B: Peak-to-Average Ratio(CCDF)

### Test Result

Band	Bandwidth	Modulation	Channel	RB Configuration	Result(dB)	Limit(dB)	Verdict
Band2	20MHz	QPSK	18900	100RB#0	5.56	13	PASS
Band2	20MHz	16QAM	18900	100RB#0	6.32	13	PASS
Band4	20MHz	QPSK	20175	100RB#0	5.28	13	PASS
Band4	20MHz	16QAM	20175	100RB#0	6.06	13	PASS
Band5	10MHz	QPSK	20525	50RB#0	5.42	13	PASS
Band5	10MHz	16QAM	20525	50RB#0	6.16	13	PASS
Band7	20MHz	QPSK	21100	100RB#0	5.73	13	PASS
Band7	20MHz	16QAM	21100	100RB#0	6.47	13	PASS

Test Graphs





## Appendix C: 26dB Bandwidth and Occupied Bandwidth

### Test Result

Band	Bandwidth	Modulation	Channel	RB Configuration	Occupied Bandwidth (MHz)	26dB Bandwidth (MHz)	Verdict
Band2	1.4MHz	QPSK	18607	6RB#0	1.0995	1.298	PASS
Band2	1.4MHz	QPSK	18900	6RB#0	1.1017	1.293	PASS
Band2	1.4MHz	QPSK	19193	6RB#0	1.1020	1.276	PASS
Band2	1.4MHz	16QAM	18607	6RB#0	1.0914	1.279	PASS
Band2	1.4MHz	16QAM	18900	6RB#0	1.0924	1.273	PASS
Band2	1.4MHz	16QAM	19193	6RB#0	1.0931	1.264	PASS
Band2	3MHz	QPSK	18615	15RB#0	2.7128	3.049	PASS
Band2	3MHz	QPSK	18900	15RB#0	2.7017	3.026	PASS
Band2	3MHz	QPSK	19185	15RB#0	2.7153	3.053	PASS
Band2	3MHz	16QAM	18615	15RB#0	2.7029	3.057	PASS
Band2	3MHz	16QAM	18900	15RB#0	2.7069	3.110	PASS
Band2	3MHz	16QAM	19185	15RB#0	2.7089	3.119	PASS
Band2	5MHz	QPSK	18625	25RB#0	4.5277	5.342	PASS
Band2	5MHz	QPSK	18900	25RB#0	4.5211	5.430	PASS
Band2	5MHz	QPSK	19175	25RB#0	4.5196	5.239	PASS
Band2	5MHz	16QAM	18625	25RB#0	4.5236	5.274	PASS
Band2	5MHz	16QAM	18900	25RB#0	4.5426	5.422	PASS
Band2	5MHz	16QAM	19175	25RB#0	4.5434	5.351	PASS
Band2	10MHz	QPSK	18650	50RB#0	9.0050	10.24	PASS
Band2	10MHz	QPSK	18900	50RB#0	9.0157	10.25	PASS
Band2	10MHz	QPSK	19150	50RB#0	8.9781	9.904	PASS
Band2	10MHz	16QAM	18650	50RB#0	8.9999	10.22	PASS
Band2	10MHz	16QAM	18900	50RB#0	9.0130	10.58	PASS
Band2	10MHz	16QAM	19150	50RB#0	8.9953	10.06	PASS
Band2	15MHz	QPSK	18675	75RB#0	13.512	15.38	PASS
Band2	15MHz	QPSK	18900	75RB#0	13.527	15.76	PASS
Band2	15MHz	QPSK	19125	75RB#0	13.444	15.12	PASS
Band2	15MHz	16QAM	18675	75RB#0	13.487	15.01	PASS
Band2	15MHz	16QAM	18900	75RB#0	13.503	15.00	PASS
Band2	15MHz	16QAM	19125	75RB#0	13.489	15.05	PASS
Band2	20MHz	QPSK	18700	100RB#0	17.994	20.04	PASS

Band2	20MHz	QPSK	18900	100RB#0	18.068	20.12	PASS
Band2	20MHz	QPSK	19100	100RB#0	17.975	20.16	PASS
Band2	20MHz	16QAM	18700	100RB#0	18.022	20.23	PASS
Band2	20MHz	16QAM	18900	100RB#0	18.014	20.23	PASS
Band2	20MHz	16QAM	19100	100RB#0	17.994	19.73	PASS
Band4	1.4MHz	QPSK	19957	6RB#0	1.0994	1.296	PASS
Band4	1.4MHz	QPSK	20175	6RB#0	1.1017	1.295	PASS
Band4	1.4MHz	QPSK	20393	6RB#0	1.1020	1.293	PASS
Band4	1.4MHz	16QAM	19957	6RB#0	1.0927	1.270	PASS
Band4	1.4MHz	16QAM	20175	6RB#0	1.0905	1.271	PASS
Band4	1.4MHz	16QAM	20393	6RB#0	1.0942	1.272	PASS
Band4	3MHz	QPSK	19965	15RB#0	2.7183	3.088	PASS
Band4	3MHz	QPSK	20175	15RB#0	2.7209	3.014	PASS
Band4	3MHz	QPSK	20385	15RB#0	2.7035	3.064	PASS
Band4	3MHz	16QAM	19965	15RB#0	2.7020	3.048	PASS
Band4	3MHz	16QAM	20175	15RB#0	2.7044	3.042	PASS
Band4	3MHz	16QAM	20385	15RB#0	2.7097	3.138	PASS
Band4	5MHz	QPSK	19975	25RB#0	4.5253	5.305	PASS
Band4	5MHz	QPSK	20175	25RB#0	4.5276	5.332	PASS
Band4	5MHz	QPSK	20375	25RB#0	4.5153	5.451	PASS
Band4	5MHz	16QAM	19975	25RB#0	4.5266	5.262	PASS
Band4	5MHz	16QAM	20175	25RB#0	4.5244	5.273	PASS
Band4	5MHz	16QAM	20375	25RB#0	4.5388	5.431	PASS
Band4	10MHz	QPSK	20000	50RB#0	9.0033	10.04	PASS
Band4	10MHz	QPSK	20175	50RB#0	9.0007	10.21	PASS
Band4	10MHz	QPSK	20350	50RB#0	9.0048	10.13	PASS
Band4	10MHz	16QAM	20000	50RB#0	8.9922	10.12	PASS
Band4	10MHz	16QAM	20175	50RB#0	8.9918	10.13	PASS
Band4	10MHz	16QAM	20350	50RB#0	9.0205	10.68	PASS
Band4	15MHz	QPSK	20025	75RB#0	13.524	15.43	PASS
Band4	15MHz	QPSK	20175	75RB#0	13.510	15.53	PASS
Band4	15MHz	QPSK	20325	75RB#0	13.517	15.87	PASS
Band4	15MHz	16QAM	20025	75RB#0	13.496	15.04	PASS
Band4	15MHz	16QAM	20175	75RB#0	13.488	14.99	PASS
Band4	15MHz	16QAM	20325	75RB#0	13.507	15.02	PASS
Band4	20MHz	QPSK	20050	100RB#0	18.004	20.17	PASS

Band4	20MHz	QPSK	20175	100RB#0	18.016	19.99	PASS
Band4	20MHz	QPSK	20300	100RB#0	18.050	20.46	PASS
Band4	20MHz	16QAM	20050	100RB#0	17.988	19.99	PASS
Band4	20MHz	16QAM	20175	100RB#0	18.016	19.98	PASS
Band4	20MHz	16QAM	20300	100RB#0	18.016	20.49	PASS
Band5	1.4MHz	QPSK	20407	6RB#0	1.0977	1.276	PASS
Band5	1.4MHz	QPSK	20525	6RB#0	1.0990	1.284	PASS
Band5	1.4MHz	QPSK	20643	6RB#0	1.1041	1.271	PASS
Band5	1.4MHz	16QAM	20407	6RB#0	1.0933	1.297	PASS
Band5	1.4MHz	16QAM	20525	6RB#0	1.0918	1.296	PASS
Band5	1.4MHz	16QAM	20643	6RB#0	1.0918	1.270	PASS
Band5	3MHz	QPSK	20415	15RB#0	2.7160	3.038	PASS
Band5	3MHz	QPSK	20525	15RB#0	2.7131	3.067	PASS
Band5	3MHz	QPSK	20635	15RB#0	2.7051	3.032	PASS
Band5	3MHz	16QAM	20415	15RB#0	2.7024	3.043	PASS
Band5	3MHz	16QAM	20525	15RB#0	2.7009	3.044	PASS
Band5	3MHz	16QAM	20635	15RB#0	2.7108	3.145	PASS
Band5	5MHz	QPSK	20425	25RB#0	4.5229	5.305	PASS
Band5	5MHz	QPSK	20525	25RB#0	4.5302	5.346	PASS
Band5	5MHz	QPSK	20625	25RB#0	4.5207	5.392	PASS
Band5	5MHz	16QAM	20425	25RB#0	4.5147	5.297	PASS
Band5	5MHz	16QAM	20525	25RB#0	4.5231	5.308	PASS
Band5	5MHz	16QAM	20625	25RB#0	4.5312	5.422	PASS
Band5	10MHz	QPSK	20450	50RB#0	8.9974	10.12	PASS
Band5	10MHz	QPSK	20525	50RB#0	9.0000	10.13	PASS
Band5	10MHz	QPSK	20600	50RB#0	8.9973	10.21	PASS
Band5	10MHz	16QAM	20450	50RB#0	8.9849	10.18	PASS
Band5	10MHz	16QAM	20525	50RB#0	8.9960	10.19	PASS
Band5	10MHz	16QAM	20600	50RB#0	9.0027	10.47	PASS
Band7	5MHz	QPSK	20775	25RB#0	4.5246	5.324	PASS
Band7	5MHz	QPSK	21100	25RB#0	4.5232	5.286	PASS
Band7	5MHz	QPSK	21425	25RB#0	4.5220	5.357	PASS
Band7	5MHz	16QAM	20775	25RB#0	4.5253	5.253	PASS
Band7	5MHz	16QAM	21100	25RB#0	4.5260	5.243	PASS
Band7	5MHz	16QAM	21425	25RB#0	4.5369	5.456	PASS
Band7	10MHz	QPSK	20800	50RB#0	8.9933	10.15	PASS

Band7	10MHz	QPSK	21100	50RB#0	9.0091	10.21	PASS
Band7	10MHz	QPSK	21400	50RB#0	9.0069	10.25	PASS
Band7	10MHz	16QAM	20800	50RB#0	8.9938	10.09	PASS
Band7	10MHz	16QAM	21100	50RB#0	8.9982	10.12	PASS
Band7	10MHz	16QAM	21400	50RB#0	9.0086	10.63	PASS
Band7	15MHz	QPSK	20825	75RB#0	13.537	15.46	PASS
Band7	15MHz	QPSK	21100	75RB#0	13.524	15.36	PASS
Band7	15MHz	QPSK	21375	75RB#0	13.486	15.86	PASS
Band7	15MHz	16QAM	20825	75RB#0	13.501	15.01	PASS
Band7	15MHz	16QAM	21100	75RB#0	13.520	14.98	PASS
Band7	15MHz	16QAM	21375	75RB#0	13.493	14.95	PASS
Band7	20MHz	QPSK	20850	100RB#0	18.017	20.04	PASS
Band7	20MHz	QPSK	21100	100RB#0	18.010	19.93	PASS
Band7	20MHz	QPSK	21350	100RB#0	18.023	20.07	PASS
Band7	20MHz	16QAM	20850	100RB#0	18.039	20.24	PASS
Band7	20MHz	16QAM	21100	100RB#0	18.018	20.41	PASS
Band7	20MHz	16QAM	21350	100RB#0	18.026	20.25	PASS

Test Graphs

