

APPENDIX B – TEST DATA OF RADIATED EMISSION

The measurement results are obtained as described below:

Peak EIRP = P_{mea} + P_{ca} Cable loss + G_a Antenna Gain

Sample calculation: (24.57 dBm) = (19.77 dBm) + (-3.8 dB) + (8.6 dB), the corresponding frequency is 1851.5MHz.

Frequency (MHz)	Peak EIRP(dBm)	Pca Cable loss(dB)	Ga Antenna Gain (dB)	P _{mea} (dBm)	Polarization
1851.5	24.57	-3.8	8.6	19.77	Vertical

LTE band 2

Test result:

band	Modulation	BW (MHz)	Channel	RB/ RB offset	EIRP/ERP (dBm)	EIRP/ERP (W)
Band2	QPSK	1.4	18607	1#0	22.89	0.195
Band2	QPSK	1.4	18900	1#0	23.15	0.207
Band2	QPSK	1.4	19193	1#0	23.38	0.218
Band2	16QAM	1.4	18607	1#0	22.54	0.179
Band2	16QAM	1.4	18900	1#0	22.64	0.184
Band2	16QAM	1.4	19193	1#0	22.38	0.173
Band2	64QAM	1.4	18607	1#0	22.23	0.167
Band2	64QAM	1.4	18900	1#0	22.37	0.173
Band2	64QAM	1.4	19193	1#0	22.86	0.193
Band2	QPSK	3	18615	1#0	22.81	0.191
Band2	QPSK	3	18900	1#0	23.23	0.210
Band2	QPSK	3	19185	1#0	22.92	0.196
Band2	16QAM	3	18615	1#0	21.89	0.155
Band2	16QAM	3	18900	1#0	22.37	0.173
Band2	16QAM	3	19185	1#0	22.12	0.163
Band2	64QAM	3	18615	1#0	22.85	0.193
Band2	64QAM	3	18900	1#0	23.01	0.200
Band2	64QAM	3	19185	1#0	23.27	0.212
Band2	QPSK	5	18625	1#0	22.99	0.199
Band2	QPSK	5	18900	1#0	23.59	0.229
Band2	QPSK	5	19175	1#0	23.15	0.207
Band2	16QAM	5	18625	1#0	22.30	0.170
Band2	16QAM	5	18900	1#0	22.39	0.173
Band2	16QAM	5	19175	1#0	22.92	0.196
Band2	64QAM	5	18625	1#0	22.17	0.165
Band2	64QAM	5	18900	1#0	21.83	0.152
Band2	64QAM	5	19175	1#0	23.04	0.201
Band2	QPSK	10	18650	1#0	23.66	0.232
Band2	QPSK	10	18900	1#0	24.21	0.264
Band2	QPSK	10	19150	1#0	23.33	0.215
Band2	16QAM	10	18650	1#0	22.56	0.180
Band2	16QAM	10	18900	1#0	23.15	0.207
Band2	16QAM	10	19150	1#0	22.67	0.185
Band2	64QAM	10	18650	1#0	23.09	0.204
Band2	64QAM	10	18900	1#0	22.66	0.185
Band2	64QAM	10	19150	1#0	22.62	0.183
Band2	QPSK	15	18675	1#0	23.48	0.223
Band2	QPSK	15	18900	1#0	23.55	0.226
Band2	QPSK	15	19125	1#0	23.28	0.213

Band2	16QAM	15	18675	1#0	22.62	0.183
Band2	16QAM	15	18900	1#0	22.97	0.198
Band2	16QAM	15	19125	1#0	22.13	0.163
Band2	64QAM	15	18675	1#0	22.93	0.196
Band2	64QAM	15	18900	1#0	22.93	0.196
Band2	64QAM	15	19125	1#0	22.57	0.181
Band2	QPSK	20	18700	1#0	23.02	0.200
Band2	QPSK	20	18900	1#0	23.71	0.235
Band2	QPSK	20	19100	1#0	23.12	0.205
Band2	16QAM	20	18700	1#0	23.17	0.207
Band2	16QAM	20	18900	1#0	22.74	0.188
Band2	16QAM	20	19100	1#0	23.42	0.220
Band2	64QAM	20	18700	1#0	22.34	0.171
Band2	64QAM	20	18900	1#0	22.19	0.166
Band2	64QAM	20	19100	1#0	23.40	0.219

Frequency (MHz)	Peak EIRP(dBm)	Pca Cable loss	Ga Antenna Gain (dB)	Pmea (dBm)	Polarization
1851.5	21.90	-3.8	8.6	17.10	Vertical
1880.0	21.82	-3.8	8.6	17.02	Vertical
1907.5	21.96	-3.8	8.6	17.16	Vertical

Test result:

Channel 18615

Frequency (MHz)	Power (dBm)	Limited (dBm)	Polarization
2454.90	-53.17	-13	Vertical
2781.46	-51.57	-13	Vertical
3729.60	-43.42	-13	Vertical
6679.59	-43.26	-13	Vertical
9963.89	-40.34	-13	Vertical
17822.76	-35.29	-13	Vertical

Channel 18900

Frequency (MHz)	Power (dBm)	Limited (dBm)	Polarization
2456.31	-53.11	-13	Vertical
2780.04	-51.35	-13	Vertical
3730.74	-44.12	-13	Vertical
6677.81	-43.29	-13	Vertical
9962.87	-40.11	-13	Vertical
17820.53	-35.48	-13	Vertical

Channel 19175

Frequency (MHz)	Power (dBm)	Limited (dBm)	Polarization
2453.21	-52.35	-13	Vertical
2778.57	-52.23	-13	Vertical
3728.43	-43.97	-13	Vertical
6677.39	-43.77	-13	Vertical
9961.44	-40.16	-13	Vertical
17823.33	-35.62	-13	Vertical

LTE band 4
Test result:

band	Modulation	BW (MHz)	Channel	RB/ RB offset	EIRP/ERP (dBm)	EIRP/ERP (W)
Band4	QPSK	1.4	19957	1#0	23.18	0.208
Band4	QPSK	1.4	20175	1#0	23.71	0.235
Band4	QPSK	1.4	20393	1#0	24.29	0.269
Band4	16QAM	1.4	19957	1#0	21.96	0.157
Band4	16QAM	1.4	20175	1#0	22.34	0.171
Band4	16QAM	1.4	20393	1#0	22.68	0.185
Band4	64QAM	1.4	19957	1#0	22.11	0.163
Band4	64QAM	1.4	20175	1#0	23.15	0.207
Band4	64QAM	1.4	20393	1#0	22.79	0.190
Band4	QPSK	3	19965	1#0	23.46	0.222
Band4	QPSK	3	20175	1#0	23.82	0.241
Band4	QPSK	3	20385	1#0	23.37	0.217
Band4	16QAM	3	19965	1#0	22.56	0.180
Band4	16QAM	3	20175	1#0	21.98	0.158
Band4	16QAM	3	20385	1#0	23.04	0.201
Band4	64QAM	3	19965	1#0	22.61	0.182
Band4	64QAM	3	20175	1#0	22.49	0.177
Band4	64QAM	3	20385	1#0	22.38	0.173
Band4	QPSK	5	19975	1#0	22.92	0.196
Band4	QPSK	5	20175	1#0	23.65	0.232
Band4	QPSK	5	20375	1#0	23.15	0.207
Band4	16QAM	5	19975	1#0	21.64	0.146
Band4	16QAM	5	20175	1#0	23.18	0.208
Band4	16QAM	5	20375	1#0	22.76	0.189
Band4	64QAM	5	19975	1#0	22.04	0.160
Band4	64QAM	5	20175	1#0	23.54	0.226
Band4	64QAM	5	20375	1#0	22.10	0.162
Band4	QPSK	10	20000	1#0	22.72	0.187
Band4	QPSK	10	20175	1#0	23.68	0.233
Band4	QPSK	10	20350	1#0	23.81	0.240
Band4	16QAM	10	20000	1#0	22.34	0.171
Band4	16QAM	10	20175	1#0	22.87	0.194
Band4	16QAM	10	20350	1#0	22.70	0.186
Band4	64QAM	10	20000	1#0	22.19	0.166
Band4	64QAM	10	20175	1#0	22.12	0.163
Band4	64QAM	10	20350	1#0	22.61	0.182
Band4	QPSK	15	20025	1#0	23.12	0.205
Band4	QPSK	15	20175	1#0	23.16	0.207
Band4	QPSK	15	20325	1#0	23.61	0.230
Band4	16QAM	15	20025	1#0	23.10	0.204
Band4	16QAM	15	20175	1#0	23.23	0.210
Band4	16QAM	15	20325	1#0	22.90	0.195
Band4	64QAM	15	20025	1#0	22.14	0.164
Band4	64QAM	15	20175	1#0	22.26	0.168
Band4	64QAM	15	20325	1#0	22.04	0.160
Band4	QPSK	20	20050	1#0	22.49	0.177
Band4	QPSK	20	20175	1#0	23.37	0.217
Band4	QPSK	20	20300	1#0	23.49	0.223
Band4	16QAM	20	20050	1#0	22.14	0.164
Band4	16QAM	20	20175	1#0	23.04	0.201

Band4	16QAM	20	20300	1#0	23.41	0.219
Band4	64QAM	20	20050	1#0	22.70	0.186
Band4	64QAM	20	20175	1#0	22.20	0.166
Band4	64QAM	20	20300	1#0	23.06	0.202

Frequency (MHz)	Peak EIRP(dBm)	Pca Cable loss	Ga Antenna Gain (dB)	Pmea (dBm)	Polarization
1710.7	22.11	-3.8	8.6	17.31	Vertical
1732.5	22.23	-3.8	8.6	17.43	Vertical
1754.3	21.89	-3.8	8.6	17.09	Vertical

Test result:

Channel 19957

Frequency (MHz)	Power (dBm)	Limited (dBm)	Polarization
2456.65	-53.22	-13	Vertical
2779.94	-51.31	-13	Vertical
3729.72	-43.47	-13	Vertical
6678.24	-43.28	-13	Vertical
9961.66	-39.51	-13	Horizontal
17821.81	-36.19	-13	Vertical

Channel 20175

Frequency (MHz)	Power (dBm)	Limited (dBm)	Polarization
2455.20	-52.24	-13	Vertical
2779.78	-51.60	-13	Vertical
3727.44	-43.74	-13	Vertical
6679.03	-43.74	-13	Vertical
9963.67	-40.23	-13	Vertical
17822.04	-35.35	-13	Vertical

Channel 20393

Frequency (MHz)	Power (dBm)	Limited (dBm)	Polarization
2456.71	-52.70	-13	Vertical
2779.37	-51.92	-13	Vertical
3728.92	-43.89	-13	Vertical
6678.18	-43.13	-13	Vertical
9962.82	-40.18	-13	Vertical
17821.01	-36.03	-13	Vertical

LTE band 5
Test result:

band	Modulation	BW (MHz)	Channel	RB/ RB offset	EIRP/ERP (dBm)	EIRP/ERP (W)
Band5	QPSK	1.4	20407	1#0	18.72	0.074
Band5	QPSK	1.4	20525	1#0	18.19	0.066
Band5	QPSK	1.4	20643	1#0	18.05	0.064
Band5	16QAM	1.4	20407	1#0	17.59	0.057
Band5	16QAM	1.4	20525	1#0	17.88	0.061
Band5	16QAM	1.4	20643	1#0	17.97	0.063
Band5	64QAM	1.4	20407	1#0	17.34	0.054
Band5	64QAM	1.4	20525	1#0	16.75	0.047
Band5	64QAM	1.4	20643	1#0	17.67	0.058
Band5	QPSK	3	20415	1#0	18.25	0.067
Band5	QPSK	3	20525	1#0	17.90	0.062
Band5	QPSK	3	20635	1#0	18.20	0.066
Band5	16QAM	3	20415	1#0	17.93	0.062
Band5	16QAM	3	20525	1#0	17.53	0.057
Band5	16QAM	3	20635	1#0	17.07	0.051
Band5	64QAM	3	20415	1#0	18.01	0.063
Band5	64QAM	3	20525	1#0	17.97	0.063
Band5	64QAM	3	20635	1#0	16.98	0.050
Band5	QPSK	5	20425	1#0	18.19	0.066
Band5	QPSK	5	20525	1#0	17.82	0.061
Band5	QPSK	5	20625	1#0	18.24	0.067
Band5	16QAM	5	20425	1#0	17.23	0.053
Band5	16QAM	5	20525	1#0	17.70	0.059
Band5	16QAM	5	20625	1#0	17.76	0.060
Band5	64QAM	5	20425	1#0	18.01	0.063
Band5	64QAM	5	20525	1#0	17.88	0.061
Band5	64QAM	5	20625	1#0	17.62	0.058
Band5	QPSK	10	20450	1#0	18.31	0.068
Band5	QPSK	10	20525	1#0	18.03	0.064
Band5	QPSK	10	20600	1#0	18.50	0.071
Band5	16QAM	10	20450	1#0	17.51	0.056
Band5	16QAM	10	20525	1#0	17.38	0.055
Band5	16QAM	10	20600	1#0	17.92	0.062
Band5	64QAM	10	20450	1#0	17.09	0.051
Band5	64QAM	10	20525	1#0	17.08	0.051
Band5	64QAM	10	20600	1#0	17.60	0.058

Frequency (MHz)	Peak ERP (dBm)	PcaCable loss(dB)	Ga Antenna Gain (dB)	Correction (dB)	Pmea (dBm)	Polarization
824.0	17.77	-3.4	8.3	2.15	15.02	Vertical
836.5	17.43	-3.4	8.3	2.15	14.68	Vertical
848.9	17.47	-3.4	8.3	2.15	14.72	Vertical

Test result:

Channel 20400

Frequency (MHz)	Power (dBm)	Limited (dBm)	Polarization
1648.18	-52.24	-13	Vertical
1667.34	-51.91	-13	Vertical
2535.53	-43.95	-13	Horizontal
2576.94	-43.07	-13	Vertical
8964.35	-40.10	-13	Horizontal
9968.23	-35.23	-13	Vertical

Channel 20525

Frequency (MHz)	Power (dBm)	Limited (dBm)	Polarization
1650.45	-52.84	-13	Horizontal
1666.40	-51.30	-13	Vertical
2533.73	-43.82	-13	Vertical
2576.52	-43.20	-13	Vertical
8965.55	-39.67	-13	Vertical
9970.81	-35.68	-13	Vertical

Channel 20649

Frequency (MHz)	Power (dBm)	Limited (dBm)	Polarization
1649.13	-52.73	-13	Vertical
1667.83	-51.69	-13	Horizontal
2535.49	-43.33	-13	Horizontal
2574.13	-43.21	-13	Vertical
8964.06	-39.86	-13	Vertical
9971.21	-35.59	-13	Vertical

LTE band 7
Test result:

band	Modulation	BW (MHz)	Channel	RB/ RB offset	EIRP/ERP (dBm)	EIRP/ERP (W)
Band7	QPSK	5	20775	1#0	23.16	0.207
Band7	QPSK	5	21100	1#0	23.24	0.211
Band7	QPSK	5	21425	1#0	22.83	0.192
Band7	16QAM	5	20775	1#0	21.99	0.158
Band7	16QAM	5	21100	1#0	22.22	0.167
Band7	16QAM	5	21425	1#0	22.49	0.177
Band7	64QAM	5	20775	1#0	22.86	0.193
Band7	64QAM	5	21100	1#0	22.90	0.195
Band7	64QAM	5	21425	1#0	23.42	0.220
Band7	QPSK	10	20800	1#0	23.26	0.212
Band7	QPSK	10	21100	1#0	23.62	0.230
Band7	QPSK	10	21400	1#0	23.37	0.217
Band7	16QAM	10	20800	1#0	22.41	0.174
Band7	16QAM	10	21100	1#0	23.33	0.215
Band7	16QAM	10	21400	1#0	22.77	0.189
Band7	64QAM	10	20800	1#0	22.55	0.180
Band7	64QAM	10	21100	1#0	21.93	0.156
Band7	64QAM	10	21400	1#0	22.01	0.159
Band7	QPSK	15	20825	1#0	22.51	0.178
Band7	QPSK	15	21100	1#0	22.53	0.179
Band7	QPSK	15	21375	1#0	23.17	0.207
Band7	16QAM	15	20825	1#0	22.48	0.177
Band7	16QAM	15	21100	1#0	23.19	0.208
Band7	16QAM	15	21375	1#0	22.75	0.188
Band7	64QAM	15	20825	1#0	22.32	0.171
Band7	64QAM	15	21100	1#0	22.80	0.191
Band7	64QAM	15	21375	1#0	22.50	0.178
Band7	QPSK	20	20850	1#0	23.78	0.239
Band7	QPSK	20	21100	1#0	23.12	0.205
Band7	QPSK	20	21350	1#0	24.08	0.256
Band7	16QAM	20	20850	1#0	22.13	0.163
Band7	16QAM	20	21100	1#0	22.40	0.174
Band7	16QAM	20	21350	1#0	23.04	0.201
Band7	64QAM	20	20850	1#0	22.67	0.185
Band7	64QAM	20	21100	1#0	22.66	0.185
Band7	64QAM	20	21350	1#0	22.32	0.171

Frequency (MHz)	Peak EIRP(dBm)	Pca Cable loss	Ga Antenna Gain (dB)	Pmea (dBm)	Polarization
2502.5	22.87	-2.6	7.5	17.97	Vertical
2535	22.53	-2.6	7.5	17.63	Vertical
2560	22.99	-2.6	7.5	18.09	Vertical

Test result:
Channel 20775

Frequency (MHz)	Power (dBm)	Limited (dBm)	Polarization
2454.50	-52.71	-25	Horizontal
2779.85	-51.46	-25	Vertical
3728.77	-44.28	-25	Vertical
6676.25	-43.72	-25	Vertical
9963.68	-40.26	-25	Vertical
17822.34	-35.72	-25	Vertical

Channel 21100

Frequency (MHz)	Power (dBm)	Limited (dBm)	Polarization
2454.90	-52.28	-25	Vertical
2779.15	-51.32	-25	Horizontal
3729.03	-43.55	-25	Vertical
6679.37	-43.83	-25	Vertical
9961.98	-39.53	-25	Horizontal
17820.55	-35.39	-25	Vertical

Channel 21350

Frequency (MHz)	Power (dBm)	Limited (dBm)	Polarization
2454.38	-52.88	-25	Vertical
2778.75	-51.86	-25	Vertical
3727.74	-43.61	-25	Vertical
6678.50	-43.70	-25	Horizontal
9961.92	-39.67	-25	Horizontal
17823.37	-36.08	-25	Vertical

LTE band 12

Test result:

band	Modulation	BW (MHz)	Channel	RB/ RB offset	EIRP/ERP (dBm)	EIRP/ERP (W)
Band12	QPSK	1.4	23017	1#0	17.87	0.061
Band12	QPSK	1.4	23095	1#0	18.42	0.070
Band12	QPSK	1.4	23173	1#0	18.25	0.067
Band12	16QAM	1.4	23017	1#0	18.03	0.064
Band12	16QAM	1.4	23095	1#0	17.16	0.052
Band12	16QAM	1.4	23173	1#0	17.28	0.053
Band12	64QAM	1.4	23017	1#0	17.72	0.059
Band12	64QAM	1.4	23095	1#0	17.25	0.053
Band12	64QAM	1.4	23173	1#0	17.24	0.053
Band12	QPSK	3	23025	1#0	19.05	0.080
Band12	QPSK	3	23095	1#0	18.03	0.064
Band12	QPSK	3	23165	1#0	17.90	0.062
Band12	16QAM	3	23025	1#0	16.76	0.047
Band12	16QAM	3	23095	1#0	17.66	0.058
Band12	16QAM	3	23165	1#0	17.00	0.050
Band12	64QAM	3	23025	1#0	17.85	0.061
Band12	64QAM	3	23095	1#0	16.91	0.049
Band12	64QAM	3	23165	1#0	17.92	0.062
Band12	QPSK	5	23035	1#0	18.19	0.066
Band12	QPSK	5	23095	1#0	17.87	0.061
Band12	QPSK	5	23155	1#0	18.80	0.076
Band12	16QAM	5	23035	1#0	16.98	0.050
Band12	16QAM	5	23095	1#0	17.99	0.063
Band12	16QAM	5	23155	1#0	17.88	0.061
Band12	64QAM	5	23035	1#0	17.70	0.059
Band12	64QAM	5	23095	1#0	17.31	0.054
Band12	64QAM	5	23155	1#0	17.00	0.050
Band12	QPSK	10	23060	1#0	18.76	0.075
Band12	QPSK	10	23095	1#0	17.81	0.060
Band12	QPSK	10	23130	1#0	18.74	0.075
Band12	16QAM	10	23060	1#0	17.81	0.060
Band12	16QAM	10	23095	1#0	17.22	0.053
Band12	16QAM	10	23130	1#0	17.29	0.054
Band12	64QAM	10	23060	1#0	17.64	0.058
Band12	64QAM	10	23095	1#0	17.71	0.059
Band12	64QAM	10	23130	1#0	17.98	0.063

Frequency (MHz)	Peak ERP (dBm)	PcaCable loss(dB)	Ga Antenna Gain (dB)	Correction (dB)	Pmea (dBm)	Polarization
698.0	17.32	-3.4	8.3	2.15	14.57	Vertical
707.0	18.25	-3.4	8.3	2.15	15.50	Vertical
715.9	17.81	-3.4	8.3	2.15	15.06	Vertical

Test result:

Channel 23000

Frequency (MHz)	Power (dBm)	Limited (dBm)	Polarization
1648.56	-52.87	-13	Horizontal
1665.78	-51.59	-13	Vertical
2535.90	-43.93	-13	Horizontal
2575.08	-43.31	-13	Vertical
8965.01	-39.73	-13	Vertical
9969.52	-35.94	-13	Vertical

Channel 23090

Frequency (MHz)	Power (dBm)	Limited (dBm)	Polarization
1647.80	-52.55	-13	Vertical
1666.10	-51.52	-13	Vertical
2532.77	-44.03	-13	Horizontal
2577.48	-43.33	-13	Horizontal
8962.84	-39.74	-13	Vertical
9970.70	-36.10	-13	Vertical

Channel 23179

Frequency (MHz)	Power (dBm)	Limited (dBm)	Polarization
1647.18	-51.92	-13	Vertical
1667.68	-51.08	-13	Vertical
2534.01	-43.69	-13	Vertical
2575.61	-43.02	-13	Horizontal
8962.03	-39.88	-13	Horizontal
9967.54	-36.02	-13	Vertical

LTE band 13

Test result:

band	Modulation	BW (MHz)	Channel	RB/ RB offset	EIRP/ERP (dBm)	EIRP/ERP (W)
Band13	QPSK	5	23205	1#0	18.80	0.076
Band13	QPSK	5	23230	1#0	18.94	0.078
Band13	QPSK	5	23255	1#0	17.71	0.059
Band13	16QAM	5	23205	1#0	17.57	0.057
Band13	16QAM	5	23230	1#0	17.22	0.053
Band13	16QAM	5	23255	1#0	16.89	0.049
Band13	64QAM	5	23205	1#0	17.44	0.055
Band13	64QAM	5	23230	1#0	17.57	0.057
Band13	64QAM	5	23255	1#0	17.95	0.062
Band13	QPSK	10	23230	1#0	18.56	0.072
Band13	16QAM	10	23230	1#0	17.54	0.057
Band13	64QAM	10	23230	1#0	17.95	0.062

Frequency (MHz)	Peak ERP (dBm)	PcaCable loss(dB)	Ga Antenna Gain (dB)	Correction (dB)	Pmea (dBm)	Polarization
779.5	17.73	-3.4	8.3	2.15	14.98	Vertical
782.0	17.84	-3.4	8.3	2.15	15.09	Vertical
784.5	17.97	-3.4	8.3	2.15	15.22	Vertical

Test result:

Channel 23205

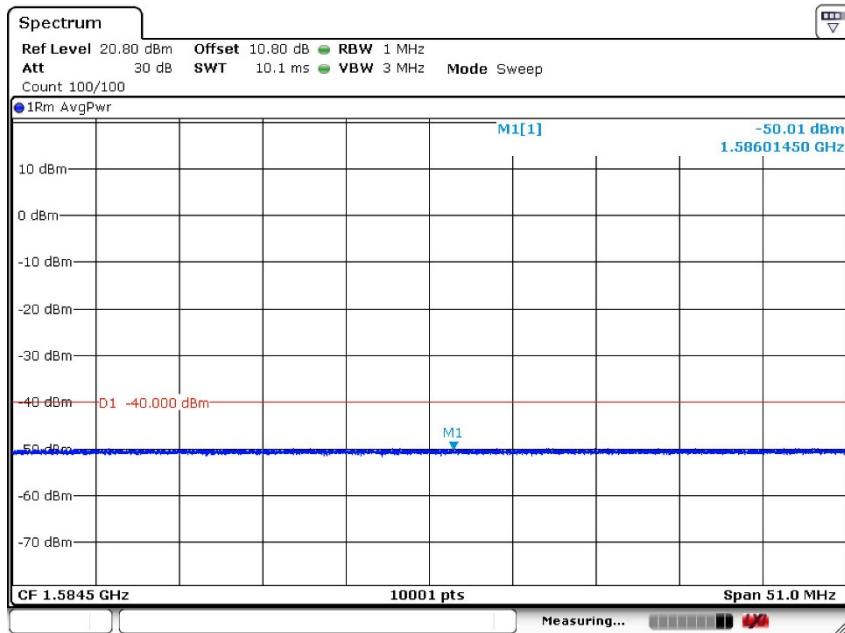
Frequency (MHz)	Power (dBm)	Limited (dBm)	Polarization
1647.47	-52.06	-13	Vertical
1665.47	-51.40	-13	Vertical
2535.34	-43.23	-13	Vertical
2577.33	-43.44	-13	Vertical
8962.08	-40.19	-13	Vertical
9971.18	-35.38	-13	Vertical

Channel 23230

Frequency (MHz)	Power (dBm)	Limited (dBm)	Polarization
1650.55	-52.09	-13	Vertical
1667.93	-51.79	-13	Vertical
2535.32	-43.74	-13	Vertical
2576.13	-42.58	-13	Vertical
8965.11	-39.73	-13	Vertical
9967.99	-35.50	-13	Vertical

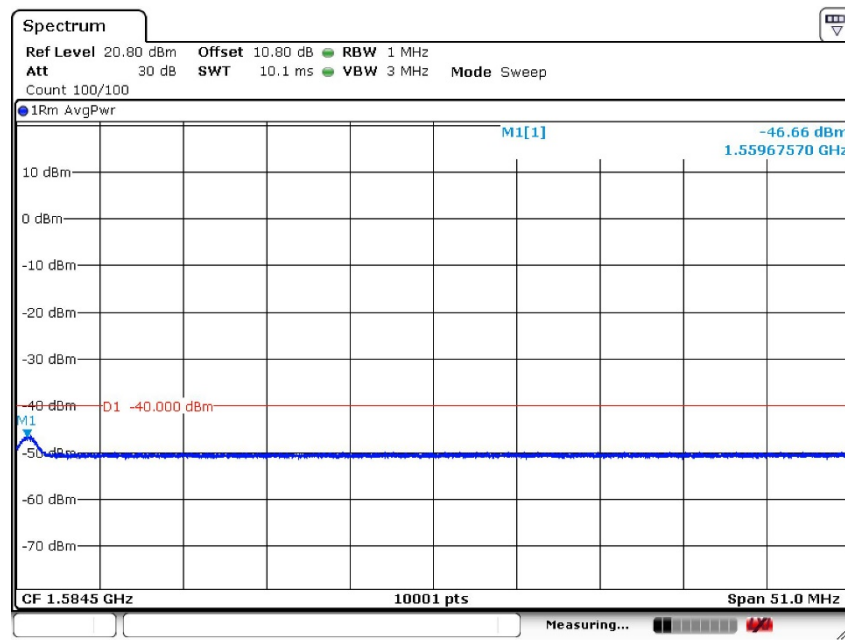
Channel 23255

Frequency (MHz)	Power (dBm)	Limited (dBm)	Polarization
1647.57	-52.22	-13	Vertical
1666.23	-51.49	-13	Horizontal
2535.97	-43.55	-13	Vertical
2573.94	-43.15	-13	Vertical
8965.49	-39.90	-13	Vertical
9967.74	-36.09	-13	Vertical

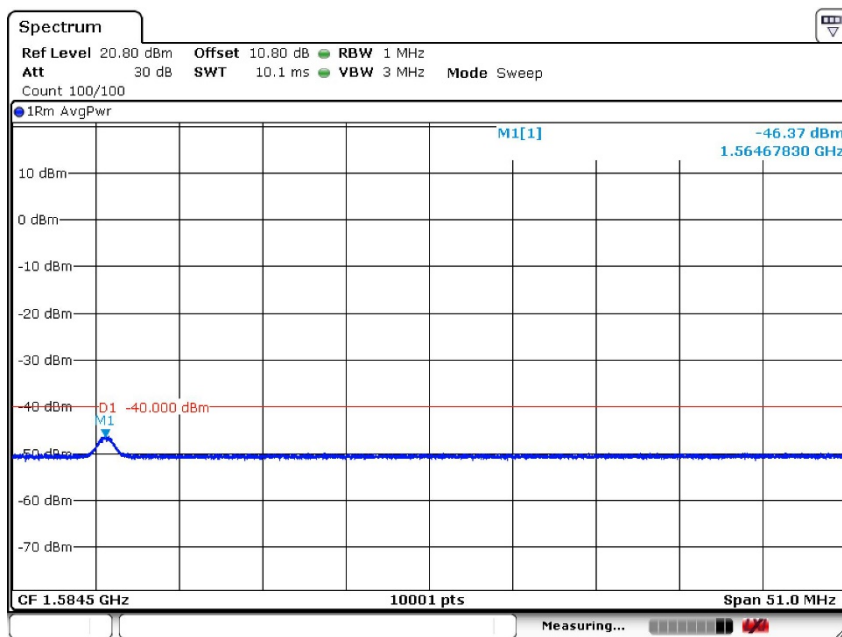


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5MHz QPSK 1RB Low Channel



5MHz QPSK 1RB Mid Channel



5MHz QPSK 1RB High Channel

LTE band 25
Test result:

band	Modulation	BW (MHz)	Channel	RB/ RB offset	EIRP/ERP (dBm)	EIRP/ERP (W)
Band25	QPSK	1.4	26047	1#0	23.54	0.226
Band25	QPSK	1.4	26365	1#0	22.91	0.195
Band25	QPSK	1.4	26683	1#0	23.71	0.235
Band25	16QAM	1.4	26047	1#0	22.43	0.175
Band25	16QAM	1.4	26365	1#0	22.68	0.185
Band25	16QAM	1.4	26683	1#0	22.73	0.187
Band25	64QAM	1.4	26047	1#0	22.09	0.162
Band25	64QAM	1.4	26365	1#0	21.71	0.148
Band25	64QAM	1.4	26683	1#0	22.32	0.171
Band25	QPSK	3	26055	1#0	23.37	0.217
Band25	QPSK	3	26365	1#0	23.26	0.212
Band25	QPSK	3	26675	1#0	22.88	0.194
Band25	16QAM	3	26055	1#0	22.74	0.188
Band25	16QAM	3	26365	1#0	22.43	0.175
Band25	16QAM	3	26675	1#0	22.07	0.161
Band25	64QAM	3	26055	1#0	22.00	0.158
Band25	64QAM	3	26365	1#0	22.24	0.167
Band25	64QAM	3	26675	1#0	22.52	0.179
Band25	QPSK	5	26065	1#0	22.95	0.197
Band25	QPSK	5	26365	1#0	23.26	0.212
Band25	QPSK	5	26665	1#0	23.07	0.203
Band25	16QAM	5	26065	1#0	22.49	0.177
Band25	16QAM	5	26365	1#0	22.95	0.197
Band25	16QAM	5	26665	1#0	22.26	0.168
Band25	64QAM	5	26065	1#0	22.71	0.187
Band25	64QAM	5	26365	1#0	22.32	0.171
Band25	64QAM	5	26665	1#0	22.63	0.183
Band25	QPSK	10	26090	1#0	23.31	0.214
Band25	QPSK	10	26365	1#0	23.69	0.234
Band25	QPSK	10	26640	1#0	23.03	0.201
Band25	16QAM	10	26090	1#0	22.26	0.168
Band25	16QAM	10	26365	1#0	22.00	0.158
Band25	16QAM	10	26640	1#0	22.75	0.188
Band25	64QAM	10	26090	1#0	22.22	0.167
Band25	64QAM	10	26365	1#0	22.41	0.174
Band25	64QAM	10	26640	1#0	22.79	0.190
Band25	QPSK	15	26115	1#0	22.87	0.194
Band25	QPSK	15	26365	1#0	22.58	0.181
Band25	QPSK	15	26115	1#0	23.49	0.223
Band25	16QAM	15	26115	1#0	22.83	0.192
Band25	16QAM	15	26365	1#0	22.00	0.158
Band25	16QAM	15	26115	1#0	23.24	0.211
Band25	64QAM	15	26115	1#0	22.33	0.171
Band25	64QAM	15	26365	1#0	22.53	0.179
Band25	64QAM	15	26115	1#0	22.50	0.178
Band25	QPSK	20	26140	1#0	23.60	0.229
Band25	QPSK	20	26365	1#0	23.50	0.224
Band25	QPSK	20	26590	1#0	23.20	0.209
Band25	16QAM	20	26140	1#0	22.90	0.195

Band25	16QAM	20	26365	1#0	23.16	0.207
Band25	16QAM	20	26590	1#0	22.36	0.172
Band25	64QAM	20	26140	1#0	23.01	0.200
Band25	64QAM	20	26365	1#0	23.31	0.214
Band25	64QAM	20	26590	1#0	23.28	0.213

Frequency (MHz)	Peak EIRP(dBm)	Pca Cable loss	Ga Antenna Gain (dB)	Pmea (dBm)	Polarization
1860	21.82	-3.8	8.6	17.02	Vertical
1882.5	22.09	-3.8	8.6	17.29	Vertical
1913.5	21.76	-3.8	8.6	16.96	Vertical

Test result:

Channel 26140

Frequency (MHz)	Power (dBm)	Limited (dBm)	Polarization
2456.12	-52.50	-13	Vertical
2778.28	-51.30	-13	Vertical
3728.33	-43.90	-13	Vertical
6676.26	-43.91	-13	Vertical
9962.26	-39.72	-13	Vertical
17823.18	-35.48	-13	Vertical

Channel 26365

Frequency (MHz)	Power (dBm)	Limited (dBm)	Polarization
2453.08	-52.80	-13	Vertical
2781.68	-51.53	-13	Vertical
3728.11	-43.94	-13	Vertical
6678.47	-43.26	-13	Vertical
9964.86	-39.65	-13	Vertical
17822.64	-35.94	-13	Vertical

Channel 26675

Frequency (MHz)	Power (dBm)	Limited (dBm)	Polarization
2455.17	-52.44	-13	Vertical
2778.57	-51.57	-13	Vertical
3727.79	-44.20	-13	Vertical
6678.46	-43.76	-13	Vertical
9964.77	-40.05	-13	Vertical
17823.87	-35.88	-13	Vertical

LTE band 26

Test result:

band	Modulation	BW (MHz)	Channel	RB/ RB offset	EIRP/ERP (dBm)	EIRP/ERP (W)
Band26	QPSK	1.4	26797	1#0	18.30	0.068
Band26	QPSK	1.4	26915	1#0	17.67	0.058
Band26	QPSK	1.4	27033	1#0	17.79	0.060
Band26	16QAM	1.4	26797	1#0	17.65	0.058
Band26	16QAM	1.4	26915	1#0	18.12	0.065
Band26	16QAM	1.4	27033	1#0	16.77	0.048
Band26	64QAM	1.4	26797	1#0	17.09	0.051
Band26	64QAM	1.4	26915	1#0	17.35	0.054
Band26	64QAM	1.4	27033	1#0	18.37	0.069
Band26	QPSK	3	26805	1#0	18.30	0.068
Band26	QPSK	3	26915	1#0	18.16	0.065
Band26	QPSK	3	27025	1#0	18.49	0.071
Band26	16QAM	3	26805	1#0	17.28	0.053
Band26	16QAM	3	26915	1#0	17.64	0.058
Band26	16QAM	3	27025	1#0	18.01	0.063
Band26	64QAM	3	26805	1#0	16.65	0.046
Band26	64QAM	3	26915	1#0	17.89	0.062
Band26	64QAM	3	27025	1#0	16.91	0.049
Band26	QPSK	5	26815	1#0	17.98	0.063
Band26	QPSK	5	26915	1#0	18.44	0.070
Band26	QPSK	5	27015	1#0	18.46	0.070
Band26	16QAM	5	26815	1#0	17.86	0.061
Band26	16QAM	5	26915	1#0	17.94	0.062
Band26	16QAM	5	27015	1#0	17.94	0.062
Band26	64QAM	5	26815	1#0	17.85	0.061
Band26	64QAM	5	26915	1#0	17.38	0.055
Band26	64QAM	5	27015	1#0	17.44	0.055
Band26	QPSK	10	26840	1#0	17.66	0.058
Band26	QPSK	10	26915	1#0	18.07	0.064
Band26	QPSK	10	26990	1#0	17.34	0.054
Band26	16QAM	10	26840	1#0	17.60	0.058
Band26	16QAM	10	26915	1#0	17.56	0.057
Band26	16QAM	10	26990	1#0	17.03	0.050
Band26	64QAM	10	26840	1#0	17.43	0.055
Band26	64QAM	10	26915	1#0	17.87	0.061
Band26	64QAM	10	26990	1#0	17.23	0.053
Band26	QPSK	15	26865	1#0	18.12	0.065
Band26	QPSK	15	26915	1#0	17.69	0.059
Band26	QPSK	15	26965	1#0	17.98	0.063
Band26	16QAM	15	26865	1#0	17.52	0.056
Band26	16QAM	15	26915	1#0	18.16	0.065
Band26	16QAM	15	26965	1#0	17.60	0.058
Band26	64QAM	15	26865	1#0	18.18	0.066
Band26	64QAM	15	26915	1#0	17.16	0.052

Band26	64QAM	15	26965	1#0	17.84	0.061
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Frequency (MHz)	Peak ERP (dBm)	PcaCable loss(dB)	Ga Antenna Gain (dB)	Correction (dB)	Pmea (dBm)	Polarization
824.7	17.30	-3.4	8.3	2.15	14.55	Vertical
836.5	17.98	-3.4	8.3	2.15	15.23	Vertical
848.3	17.76	-3.4	8.3	2.15	15.01	Vertical

Test result:

Channel 26797

Frequency (MHz)	Power (dBm)	Limited (dBm)	Polarization
1649.43	-52.47	-13	Vertical
1665.90	-51.93	-13	Vertical
2532.92	-44.12	-13	Vertical
2576.77	-43.19	-13	Vertical
8963.83	-39.64	-13	Vertical
9969.18	-35.77	-13	Vertical

Channel 26915

Frequency (MHz)	Power (dBm)	Limited (dBm)	Polarization
1648.17	-52.35	-13	Vertical
1665.63	-51.80	-13	Vertical
2532.35	-43.40	-13	Vertical
2574.05	-42.97	-13	Vertical
8962.73	-39.81	-13	Vertical
9970.08	-35.86	-13	Vertical

Channel 27033

Frequency (MHz)	Power (dBm)	Limited (dBm)	Polarization
1648.94	-52.09	-13	Vertical
1666.44	-51.28	-13	Horizontal
2534.76	-43.77	-13	Vertical
2573.91	-42.97	-13	Vertical
8965.08	-39.58	-13	Vertical
9969.86	-35.74	-13	Vertical

LTE band 41

band	Modulation	BW (MHz)	PCC(MHz)	SCC(MHz)	R/ offset PCC/SCC	EIRP/ERP (dBm)	EIRP/ERP (W)
Band41	QPSK	10/20	2501.5	2515.9	1#49/1#0	26.84	0.483
Band41	16QAM	10/20	2501.5	2515.9	1#49/1#0	24.86	0.306
Band41	64QAM	10/20	2501.5	2515.9	1#49/1#0	25.38	0.345
Band41	QPSK	10/20	2583.6	2598.0	1#49/1#0	25.91	0.390
Band41	16QAM	10/20	2583.6	2598.0	1#49/1#0	24.98	0.315
Band41	64QAM	10/20	2583.6	2598.0	1#49/1#0	24.43	0.277
Band41	QPSK	10/20	2665.6	2680.0	1#49/1#0	26.36	0.433
Band41	16QAM	10/20	2665.6	2680.0	1#49/1#0	26.15	0.412
Band41	64QAM	10/20	2665.6	2680.0	1#49/1#0	25.71	0.372
Band41	QPSK	20/10	2506.0	2520.4	1#99/1#0	26.37	0.434
Band41	16QAM	20/10	2506.0	2520.4	1#99/1#0	24.72	0.296
Band41	64QAM	20/10	2506.0	2520.4	1#99/1#0	25.28	0.337
Band41	QPSK	20/10	2588.1	2602.5	1#99/1#0	26.69	0.467
Band41	16QAM	20/10	2588.1	2602.5	1#99/1#0	25.22	0.333
Band41	64QAM	20/10	2588.1	2602.5	1#99/1#0	25.14	0.327
Band41	QPSK	20/10	2670.1	2684.5	1#99/1#0	26.51	0.448
Band41	16QAM	20/10	2670.1	2684.5	1#99/1#0	26.09	0.406
Band41	64QAM	20/10	2670.1	2684.5	1#99/1#0	25.75	0.376
Band41	QPSK	15/15	2503.5	2518.5	1#74/1#0	25.85	0.385
Band41	16QAM	15/15	2503.5	2518.5	1#74/1#0	25.22	0.333
Band41	64QAM	15/15	2503.5	2518.5	1#74/1#0	25.36	0.344
Band41	QPSK	15/15	2585.5	2600.5	1#74/1#0	26.45	0.442
Band41	16QAM	15/15	2585.5	2600.5	1#74/1#0	25.22	0.333
Band41	64QAM	15/15	2585.5	2600.5	1#74/1#0	25.99	0.397
Band41	QPSK	15/15	2667.5	2682.5	1#74/1#0	26.68	0.466
Band41	16QAM	15/15	2667.5	2682.5	1#74/1#0	24.86	0.306
Band41	64QAM	15/15	2667.5	2682.5	1#74/1#0	24.68	0.294
Band41	QPSK	15/20	2503.8	2520.9	1#74/1#0	26.83	0.482
Band41	16QAM	15/20	2503.8	2520.9	1#74/1#0	25.63	0.366
Band41	64QAM	15/20	2503.8	2520.9	1#74/1#0	25.62	0.365
Band41	QPSK	15/20	2583.3	2600.4	1#74/1#0	26.56	0.453
Band41	16QAM	15/20	2583.3	2600.4	1#74/1#0	24.45	0.279
Band41	64QAM	15/20	2583.3	2600.4	1#74/1#0	24.99	0.316
Band41	QPSK	15/20	2662.9	2680.0	1#74/1#0	26.53	0.450
Band41	16QAM	15/20	2662.9	2680.0	1#74/1#0	25.76	0.377
Band41	64QAM	15/20	2662.9	2680.0	1#74/1#0	25.35	0.343
Band41	QPSK	20/15	2506.0	2523.1	1#99/1#0	25.53	0.357
Band41	16QAM	20/15	2506.0	2523.1	1#99/1#0	24.28	0.268
Band41	64QAM	20/15	2506.0	2523.1	1#99/1#0	25.06	0.321
Band41	QPSK	20/15	2585.6	2602.7	1#99/1#0	26.85	0.484
Band41	16QAM	20/15	2585.6	2602.7	1#99/1#0	25.91	0.390
Band41	64QAM	20/15	2585.6	2602.7	1#99/1#0	25.90	0.389
Band41	QPSK	20/15	2665.1	2682.2	1#99/1#0	25.70	0.372
Band41	16QAM	20/15	2665.1	2682.2	1#99/1#0	25.08	0.322
Band41	64QAM	20/15	2665.1	2682.2	1#99/1#0	24.96	0.313
Band41	QPSK	20/20	2506.0	2525.8	1#99/1#0	26.44	0.441
Band41	16QAM	20/20	2506.0	2525.8	1#99/1#0	25.20	0.331
Band41	64QAM	20/20	2506.0	2525.8	1#99/1#0	25.48	0.353
Band41	QPSK	20/20	2583.1	2602.9	1#99/1#0	27.25	0.531

Band41	16QAM	20/20	2583.1	2602.9	1#99/1#0	24.80	0.302
Band41	64QAM	20/20	2583.1	2602.9	1#99/1#0	24.95	0.313
Band41	QPSK	20/20	2660.2	2680.0	1#99/1#0	26.35	0.432
Band41	16QAM	20/20	2660.2	2680.0	1#99/1#0	25.68	0.370
Band41	64QAM	20/20	2660.2	2680.0	1#99/1#0	25.01	0.317
Band41	QPSK	20/5	2506.0	2517.7	1#99/1#0	27.01	0.502
Band41	16QAM	20/5	2506.0	2517.7	1#99/1#0	25.22	0.333
Band41	64QAM	20/5	2506.0	2517.7	1#99/1#0	25.39	0.346
Band41	QPSK	20/5	2590.5	2602.2	1#99/1#0	26.66	0.463
Band41	16QAM	20/5	2590.5	2602.2	1#99/1#0	24.91	0.310
Band41	64QAM	20/5	2590.5	2602.2	1#99/1#0	25.17	0.329
Band41	QPSK	20/5	2675.0	2686.7	1#99/1#0	26.22	0.419
Band41	16QAM	20/5	2675.0	2686.7	1#99/1#0	25.14	0.327
Band41	64QAM	20/5	2675.0	2686.7	1#99/1#0	25.00	0.316
Band41	QPSK	5/20	2499.3	2511.0	1#99/1#0	26.98	0.499
Band41	16QAM	5/20	2499.3	2511.0	1#99/1#0	25.19	0.330
Band41	64QAM	5/20	2499.3	2511.0	1#99/1#0	25.61	0.364
Band41	QPSK	5/20	2583.8	2595.5	1#99/1#0	26.51	0.448
Band41	16QAM	5/20	2583.8	2595.5	1#99/1#0	25.37	0.344
Band41	64QAM	5/20	2583.8	2595.5	1#99/1#0	25.67	0.369
Band41	QPSK	5/20	2668.3	2680.0	1#99/1#0	27.00	0.501
Band41	16QAM	5/20	2668.3	2680.0	1#99/1#0	25.38	0.345
Band41	64QAM	5/20	2668.3	2680.0	1#99/1#0	25.53	0.357
Band41	QPSK	10/15	2501.3	2513.3	1#99/1#0	27.15	0.519
Band41	16QAM	10/15	2501.3	2513.3	1#99/1#0	24.65	0.292
Band41	64QAM	10/15	2501.3	2513.3	1#99/1#0	24.96	0.313
Band41	QPSK	10/15	2585.9	2597.9	1#99/1#0	26.28	0.425
Band41	16QAM	10/15	2585.9	2597.9	1#99/1#0	25.21	0.332
Band41	64QAM	10/15	2585.9	2597.9	1#99/1#0	25.54	0.358
Band41	QPSK	10/15	2670.5	2682.5	1#99/1#0	27.02	0.504
Band41	16QAM	10/15	2670.5	2682.5	1#99/1#0	25.17	0.329
Band41	64QAM	10/15	2670.5	2682.5	1#99/1#0	25.46	0.352
Band41	QPSK	15/10	2503.5	2515.5	1#99/1#0	26.73	0.471
Band41	16QAM	15/10	2503.5	2515.5	1#99/1#0	25.75	0.376
Band41	64QAM	15/10	2503.5	2515.5	1#99/1#0	25.22	0.333
Band41	QPSK	15/10	2588.1	2600.1	1#99/1#0	26.03	0.401
Band41	16QAM	15/10	2588.1	2600.1	1#99/1#0	25.46	0.352
Band41	64QAM	15/10	2588.1	2600.1	1#99/1#0	24.89	0.308
Band41	QPSK	15/10	2672.7	2684.7	1#99/1#0	26.36	0.433
Band41	16QAM	15/10	2672.7	2684.7	1#99/1#0	25.40	0.347
Band41	64QAM	15/10	2672.7	2684.7	1#99/1#0	24.48	0.281

Test result:

band	Modulation	BW (MHz)	Channel	RB/ RB offset	EIRP/ERP (dBm)	EIRP/ERP (W)
Band41	QPSK	5	39675	1#0	26.04	0.402
Band41	QPSK	5	40620	1#0	25.72	0.373
Band41	QPSK	5	41565	1#0	26.25	0.422
Band41	16QAM	5	39675	1#0	25.20	0.331
Band41	16QAM	5	40620	1#0	25.22	0.333
Band41	16QAM	5	41565	1#0	26.39	0.436
Band41	64QAM	5	39675	1#0	25.71	0.372
Band41	64QAM	5	40620	1#0	25.36	0.344
Band41	64QAM	5	41565	1#0	26.02	0.400
Band41	QPSK	10	39700	1#0	25.84	0.384
Band41	QPSK	10	40620	1#0	26.16	0.413
Band41	QPSK	10	41540	1#0	26.37	0.434
Band41	16QAM	10	39700	1#0	24.70	0.295
Band41	16QAM	10	40620	1#0	25.94	0.393
Band41	16QAM	10	41540	1#0	26.27	0.424
Band41	64QAM	10	39700	1#0	25.41	0.348
Band41	64QAM	10	40620	1#0	25.90	0.389
Band41	64QAM	10	41540	1#0	25.48	0.353
Band41	QPSK	15	39725	1#0	26.93	0.493
Band41	QPSK	15	40620	1#0	26.35	0.432
Band41	QPSK	15	41515	1#0	26.94	0.494
Band41	16QAM	15	39725	1#0	24.96	0.313
Band41	16QAM	15	40620	1#0	24.61	0.289
Band41	16QAM	15	41515	1#0	25.71	0.372
Band41	64QAM	15	39725	1#0	24.65	0.292
Band41	64QAM	15	40620	1#0	25.88	0.387
Band41	64QAM	15	41515	1#0	25.99	0.397
Band41	QPSK	20	39750	1#0	26.85	0.484
Band41	QPSK	20	40620	1#0	26.69	0.467
Band41	QPSK	20	41490	1#0	26.55	0.452
Band41	16QAM	20	39750	1#0	24.46	0.279
Band41	16QAM	20	40620	1#0	25.07	0.321
Band41	16QAM	20	41490	1#0	25.84	0.384
Band41	64QAM	20	39750	1#0	25.47	0.352
Band41	64QAM	20	40620	1#0	25.21	0.332
Band41	64QAM	20	41490	1#0	26.04	0.402

Frequency (MHz)	Peak EIRP(dBm)	Pca Cable loss	Ga Antenna Gain (dB)	Pmea (dBm)	Polarization
2545	24.91	-5	8.9	21.01	Vertical
2593	24.45	-5	8.9	20.55	Vertical
2645	24.65	-5	8.9	20.75	Vertical

Test result:
Channel 39750

Frequency (MHz)	Power (dBm)	Limited (dBm)	Polarization
2455.45	-52.70	-25	Vertical
2781.78	-51.33	-25	Vertical
3729.81	-44.25	-25	Vertical
6679.38	-43.29	-25	Vertical
9963.64	-39.93	-25	Vertical
17821.92	-35.50	-25	Vertical

Channel 40620

Frequency (MHz)	Power (dBm)	Limited (dBm)	Polarization
2453.12	-52.28	-25	Vertical
2779.76	-52.02	-25	Vertical
3730.95	-43.45	-25	Vertical
6677.81	-43.46	-25	Vertical
9965.22	-39.56	-25	Vertical
17822.19	-36.14	-25	Vertical

Channel 41490

Frequency (MHz)	Power (dBm)	Limited (dBm)	Polarization
2456.03	-52.98	-25	Vertical
2781.08	-52.15	-25	Vertical
3730.25	-44.32	-25	Vertical
6677.49	-43.04	-25	Vertical
9962.71	-39.52	-25	Vertical
17821.95	-35.44	-25	Vertical

LTE band 66
Test result:

band	Modulation	BW (MHz)	Channel	RB/ RB offset	EIRP/ERP (dBm)	EIRP/ERP (W)
Band66	QPSK	1.4	131979	1#0	23.20	0.209
Band66	QPSK	1.4	132322	1#0	23.62	0.230
Band66	QPSK	1.4	132665	1#0	23.43	0.220
Band66	16QAM	1.4	131979	1#0	22.77	0.189
Band66	16QAM	1.4	132322	1#0	22.41	0.174
Band66	16QAM	1.4	132665	1#0	22.54	0.179
Band66	64QAM	1.4	131979	1#0	22.71	0.187
Band66	64QAM	1.4	132322	1#0	22.04	0.160
Band66	64QAM	1.4	132665	1#0	22.49	0.177
Band66	QPSK	3	131987	1#0	22.76	0.189
Band66	QPSK	3	132322	1#0	23.65	0.232
Band66	QPSK	3	132657	1#0	23.40	0.219
Band66	16QAM	3	131987	1#0	21.66	0.147
Band66	16QAM	3	132322	1#0	22.54	0.179
Band66	16QAM	3	132657	1#0	22.94	0.197
Band66	64QAM	3	131987	1#0	22.91	0.195
Band66	64QAM	3	132322	1#0	22.28	0.169
Band66	64QAM	3	132657	1#0	21.99	0.158
Band66	QPSK	5	131997	1#0	24.01	0.252
Band66	QPSK	5	132322	1#0	23.40	0.219
Band66	QPSK	5	132647	1#0	23.13	0.206
Band66	16QAM	5	131997	1#0	22.39	0.173
Band66	16QAM	5	132322	1#0	23.49	0.223
Band66	16QAM	5	132647	1#0	22.00	0.158
Band66	64QAM	5	131997	1#0	22.42	0.175
Band66	64QAM	5	132322	1#0	22.74	0.188
Band66	64QAM	5	132647	1#0	22.73	0.187
Band66	QPSK	10	132022	1#0	23.48	0.223
Band66	QPSK	10	132322	1#0	22.68	0.185
Band66	QPSK	10	132622	1#0	23.44	0.221
Band66	16QAM	10	132022	1#0	21.97	0.157
Band66	16QAM	10	132322	1#0	22.09	0.162
Band66	16QAM	10	132622	1#0	22.41	0.174
Band66	64QAM	10	132022	1#0	22.23	0.167
Band66	64QAM	10	132322	1#0	22.50	0.178
Band66	64QAM	10	132622	1#0	22.47	0.177
Band66	QPSK	15	132047	1#0	23.10	0.204
Band66	QPSK	15	132322	1#0	23.45	0.221
Band66	QPSK	15	132597	1#0	23.32	0.215
Band66	16QAM	15	132047	1#0	22.32	0.171
Band66	16QAM	15	132322	1#0	22.18	0.165
Band66	16QAM	15	132597	1#0	22.58	0.181
Band66	64QAM	15	132047	1#0	22.42	0.175
Band66	64QAM	15	132322	1#0	22.93	0.196
Band66	64QAM	15	132597	1#0	22.64	0.184
Band66	QPSK	20	132072	1#0	23.49	0.223
Band66	QPSK	20	132322	1#0	23.16	0.207
Band66	QPSK	20	132572	1#0	22.85	0.193
Band66	16QAM	20	132072	1#0	22.46	0.176

Band66	16QAM	20	132322	1#0	22.10	0.162
Band66	16QAM	20	132572	1#0	22.27	0.169
Band66	64QAM	20	132072	1#0	22.19	0.166
Band66	64QAM	20	132322	1#0	23.44	0.221
Band66	64QAM	20	132572	1#0	22.68	0.185

Frequency (MHz)	Peak EIRP(dBm)	Pca Cable loss	Ga Antenna Gain (dB)	Pmea (dBm)	Polarization
1710.7	21.45	-3.8	8.6	16.65	Vertical
1745	22.04	-3.8	8.6	17.24	Vertical
1779.3	22.15	-3.8	8.6	17.35	Vertical

Test result:

Channel 132072

Frequency (MHz)	Power (dBm)	Limited (dBm)	Polarization
2453.26	-53.19	-13	Vertical
2779.87	-51.61	-13	Vertical
3730.68	-43.58	-13	Vertical
6678.99	-42.95	-13	Vertical
9961.38	-39.71	-13	Vertical
17822.61	-35.66	-13	Vertical

Channel 132322

Frequency (MHz)	Power (dBm)	Limited (dBm)	Polarization
2454.01	-52.56	-13	Vertical
2781.89	-52.16	-13	Vertical
3728.46	-43.56	-13	Vertical
6679.43	-43.54	-13	Vertical
9964.53	-39.59	-13	Vertical
17823.52	-35.45	-13	Vertical

Channel 132572

Frequency (MHz)	Power (dBm)	Limited (dBm)	Polarization
2455.33	-52.53	-13	Vertical
2781.01	-51.25	-13	Vertical
3729.60	-43.70	-13	Vertical
6678.13	-43.40	-13	Vertical
9962.65	-40.22	-13	Vertical
17823.53	-35.87	-13	Vertical

LTE band 71

Test result:

band	Modulation	BW (MHz)	Channel	RB/ RB offset	EIRP/ERP (dBm)	EIRP/ERP (W)
Band5	QPSK	5	133147	1#0	18.60	0.072
Band5	QPSK	5	133297	1#0	17.85	0.061
Band5	QPSK	5	133447	1#0	18.99	0.079
Band5	16QAM	5	133147	1#0	17.03	0.050
Band5	16QAM	5	133297	1#0	16.83	0.048
Band5	16QAM	5	133447	1#0	17.65	0.058
Band5	64QAM	5	133147	1#0	17.95	0.062
Band5	64QAM	5	133297	1#0	17.28	0.053
Band5	64QAM	5	133447	1#0	17.40	0.055
Band5	QPSK	10	133172	1#0	18.40	0.069
Band5	QPSK	10	133297	1#0	17.90	0.062
Band5	QPSK	10	133422	1#0	18.15	0.065
Band5	16QAM	10	133172	1#0	16.50	0.045
Band5	16QAM	10	133297	1#0	16.36	0.043
Band5	16QAM	10	133422	1#0	17.44	0.055
Band5	64QAM	10	133172	1#0	16.44	0.044
Band5	64QAM	10	133297	1#0	17.67	0.058
Band5	64QAM	10	133422	1#0	17.69	0.059
Band5	QPSK	15	133197	1#0	18.56	0.072
Band5	QPSK	15	133297	1#0	18.55	0.072
Band5	QPSK	15	133397	1#0	18.10	0.065
Band5	16QAM	15	133197	1#0	17.58	0.057
Band5	16QAM	15	133297	1#0	17.90	0.062
Band5	16QAM	15	133397	1#0	16.98	0.050
Band5	64QAM	15	133197	1#0	17.99	0.063
Band5	64QAM	15	133297	1#0	17.09	0.051
Band5	64QAM	15	133397	1#0	17.32	0.054
Band5	QPSK	20	133222	1#0	17.60	0.058
Band5	QPSK	20	133322	1#0	18.08	0.064
Band5	QPSK	20	133372	1#0	17.52	0.056
Band5	16QAM	20	133222	1#0	16.55	0.045
Band5	16QAM	20	133322	1#0	17.84	0.061
Band5	16QAM	20	133372	1#0	17.59	0.057
Band5	64QAM	20	133222	1#0	17.06	0.051
Band5	64QAM	20	133322	1#0	16.65	0.046
Band5	64QAM	20	133372	1#0	16.40	0.044

Frequency (MHz)	Peak ERP (dBm)	PcaCable loss(dB)	Ga Antenna Gain (dB)	Correction (dB)	Pmea (dBm)	Polarization
665.5	17.55	-3.4	8.3	2.15	14.80	Vertical
680.5	18.15	-3.4	8.3	2.15	15.40	Vertical
695.5	17.66	-3.4	8.3	2.15	14.91	Vertical

Test result:

Channel 133147

Frequency (MHz)	Power (dBm)	Limited (dBm)	Polarization
1647.84	-52.29	-13	Vertical
1666.59	-51.71	-13	Vertical
2533.08	-43.81	-13	Horizontal
2574.66	-43.49	-13	Vertical
8962.95	-39.46	-13	Horizontal
9969.69	-36.06	-13	Vertical

Channel 133297

Frequency (MHz)	Power (dBm)	Limited (dBm)	Polarization
1647.47	-52.80	-13	Horizontal
1666.08	-51.14	-13	Vertical
2535.53	-43.28	-13	Vertical
2573.85	-43.01	-13	Vertical
8963.33	-39.39	-13	Vertical
9970.29	-36.14	-13	Vertical

Channel 133447

Frequency (MHz)	Power (dBm)	Limited (dBm)	Polarization
1647.45	-52.24	-13	Vertical
1665.00	-51.45	-13	Horizontal
2532.41	-43.32	-13	Horizontal
2574.75	-42.59	-13	Vertical
8963.80	-39.87	-13	Vertical
9970.93	-35.16	-13	Vertical

---End of the test report---