

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	24.32	0.270
Band2	QPSK	1.4	18900	1#0	25.05	0.320
Band2	QPSK	1.4	19193	1#0	24.35	0.272
Band2	16QAM	1.4	18607	1#0	23.28	0.213
Band2	16QAM	1.4	18900	1#0	23.35	0.216
Band2	16QAM	1.4	19193	1#0	22.30	0.170
Band2	64QAM	1.4	18607	1#0	22.63	0.183
Band2	64QAM	1.4	18900	1#0	23.23	0.210
Band2	64QAM	1.4	19193	1#0	22.21	0.166
Band2	QPSK	3	18615	1#0	24.48	0.280
Band2	QPSK	3	18900	1#0	24.50	0.282
Band2	QPSK	3	19185	1#0	24.52	0.283
Band2	16QAM	3	18615	1#0	23.57	0.227
Band2	16QAM	3	18900	1#0	23.39	0.218
Band2	16QAM	3	19185	1#0	22.90	0.195
Band2	64QAM	3	18615	1#0	23.09	0.204
Band2	64QAM	3	18900	1#0	22.59	0.182
Band2	64QAM	3	19185	1#0	22.28	0.169
Band2	QPSK	5	18625	1#0	25.18	0.329
Band2	QPSK	5	18900	1#0	24.99	0.315
Band2	QPSK	5	19175	1#0	24.41	0.276
Band2	16QAM	5	18625	1#0	23.87	0.244
Band2	16QAM	5	18900	1#0	23.17	0.207
Band2	16QAM	5	19175	1#0	22.84	0.193
Band2	64QAM	5	18625	1#0	23.19	0.209
Band2	64QAM	5	18900	1#0	23.27	0.212
Band2	64QAM	5	19175	1#0	22.75	0.188
Band2	QPSK	10	18650	1#0	24.57	0.286
Band2	QPSK	10	18900	1#0	23.90	0.245
Band2	QPSK	10	19150	1#0	24.80	0.302
Band2	16QAM	10	18650	1#0	23.72	0.235

Band2	16QAM	10	18900	1#0	23.13	0.206
Band2	16QAM	10	19150	1#0	23.21	0.209
Band2	64QAM	10	18650	1#0	22.72	0.187
Band2	64QAM	10	18900	1#0	22.65	0.184
Band2	64QAM	10	19150	1#0	22.99	0.199
Band2	QPSK	15	18675	1#0	24.77	0.300
Band2	QPSK	15	18900	1#0	24.11	0.257
Band2	QPSK	15	19125	1#0	24.16	0.261
Band2	16QAM	15	18675	1#0	24.01	0.252
Band2	16QAM	15	18900	1#0	22.77	0.189
Band2	16QAM	15	19125	1#0	22.44	0.175
Band2	64QAM	15	18675	1#0	22.63	0.183
Band2	64QAM	15	18900	1#0	22.98	0.199
Band2	64QAM	15	19125	1#0	22.54	0.179
Band2	QPSK	20	18700	1#0	25.58	0.361
Band2	QPSK	20	18900	1#0	24.57	0.286
Band2	QPSK	20	19100	1#0	24.81	0.303
Band2	16QAM	20	18700	1#0	23.86	0.243
Band2	16QAM	20	18900	1#0	23.55	0.226
Band2	16QAM	20	19100	1#0	23.17	0.207
Band2	64QAM	20	18700	1#0	22.84	0.192
Band2	64QAM	20	18900	1#0	23.00	0.199
Band2	64QAM	20	19100	1#0	22.86	0.193

Test result:
Channel 18700

Frequency (MHz)	Power (dBm)	Limited (dBm)	Polarization
2459.42	-49.25	-13	Vertical
2778.52	-47.40	-13	Vertical
3725.37	-40.54	-13	Vertical
6676.29	-39.20	-13	Vertical
9959.45	-37.16	-13	Vertical
17820.95	-33.54	-13	Vertical

Channel 18900

Frequency (MHz)	Power (dBm)	Limited (dBm)	Polarization
2461.11	-49.11	-13	Vertical
2780.89	-46.97	-13	Vertical
3726.89	-40.68	-13	Vertical
6676.91	-40.00	-13	Vertical
9960.73	-37.70	-13	Vertical
17821.83	-33.99	-13	Vertical

Channel 19100

Frequency (MHz)	Power (dBm)	Limited (dBm)	Polarization
2459.29	-48.59	-13	Vertical
2778.99	-47.58	-13	Vertical
3725.87	-40.48	-13	Vertical
6678.04	-39.17	-13	Vertical
9962.65	-37.69	-13	Vertical
17818.79	-34.20	-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	24.77	0.300
Band4	QPSK	1.4	20175	1#0	24.95	0.312
Band4	QPSK	1.4	20393	1#0	25.25	0.335
Band4	16QAM	1.4	19957	1#0	23.50	0.224
Band4	16QAM	1.4	20175	1#0	23.95	0.248
Band4	16QAM	1.4	20393	1#0	23.21	0.209
Band4	64QAM	1.4	19957	1#0	23.37	0.217
Band4	64QAM	1.4	20175	1#0	22.86	0.193
Band4	64QAM	1.4	20393	1#0	22.94	0.197
Band4	QPSK	3	19965	1#0	24.78	0.301
Band4	QPSK	3	20175	1#0	24.39	0.275
Band4	QPSK	3	20385	1#0	24.94	0.312
Band4	16QAM	3	19965	1#0	23.54	0.226
Band4	16QAM	3	20175	1#0	24.09	0.256
Band4	16QAM	3	20385	1#0	23.68	0.233
Band4	64QAM	3	19965	1#0	23.22	0.210
Band4	64QAM	3	20175	1#0	23.17	0.207
Band4	64QAM	3	20385	1#0	22.96	0.198
Band4	QPSK	5	19975	1#0	24.73	0.297
Band4	QPSK	5	20175	1#0	24.51	0.283
Band4	QPSK	5	20375	1#0	24.69	0.294
Band4	16QAM	5	19975	1#0	23.85	0.243
Band4	16QAM	5	20175	1#0	24.12	0.258
Band4	16QAM	5	20375	1#0	22.91	0.195
Band4	64QAM	5	19975	1#0	23.22	0.210
Band4	64QAM	5	20175	1#0	23.30	0.214
Band4	64QAM	5	20375	1#0	22.83	0.192
Band4	QPSK	10	20000	1#0	24.29	0.268
Band4	QPSK	10	20175	1#0	24.88	0.308
Band4	QPSK	10	20350	1#0	25.08	0.322
Band4	16QAM	10	20000	1#0	23.92	0.247
Band4	16QAM	10	20175	1#0	24.31	0.270
Band4	16QAM	10	20350	1#0	23.33	0.215
Band4	64QAM	10	20000	1#0	23.49	0.223
Band4	64QAM	10	20175	1#0	22.80	0.190
Band4	64QAM	10	20350	1#0	22.98	0.199
Band4	QPSK	15	20025	1#0	24.63	0.290
Band4	QPSK	15	20175	1#0	24.55	0.285
Band4	QPSK	15	20325	1#0	24.98	0.314
Band4	16QAM	15	20025	1#0	23.95	0.249

Band4	16QAM	15	20175	1#0	23.54	0.226
Band4	16QAM	15	20325	1#0	22.81	0.191
Band4	64QAM	15	20025	1#0	23.39	0.218
Band4	64QAM	15	20175	1#0	22.79	0.190
Band4	64QAM	15	20325	1#0	23.39	0.218
Band4	QPSK	20	20050	1#0	24.79	0.301
Band4	QPSK	20	20175	1#0	24.99	0.315
Band4	QPSK	20	20300	1#0	24.93	0.311
Band4	16QAM	20	20050	1#0	24.07	0.255
Band4	16QAM	20	20175	1#0	24.37	0.273
Band4	16QAM	20	20300	1#0	23.08	0.203
Band4	64QAM	20	20050	1#0	23.29	0.213
Band4	64QAM	20	20175	1#0	23.41	0.220
Band4	64QAM	20	20300	1#0	23.82	0.241

Test result:
Channel 20050

Frequency (MHz)	Power (dBm)	Limited (dBm)	Polarization
2459.12	-49.19	-13	Vertical
2779.31	-46.99	-13	Vertical
3725.44	-40.57	-13	Vertical
6678.28	-39.24	-13	Vertical
9962.10	-37.13	-13	Vertical
17818.92	-33.69	-13	Vertical

Channel 20175

Frequency (MHz)	Power (dBm)	Limited (dBm)	Polarization
2461.10	-48.49	-13	Vertical
2778.95	-46.97	-13	Vertical
3726.66	-41.30	-13	Vertical
6678.07	-39.21	-13	Vertical
9962.82	-37.06	-13	Vertical
17819.69	-33.99	-13	Vertical

Channel 20300

Frequency (MHz)	Power (dBm)	Limited (dBm)	Polarization
2457.72	-49.09	-13	Vertical
2780.66	-47.45	-13	Vertical
3727.65	-41.25	-13	Vertical
6675.59	-39.73	-13	Vertical
9961.66	-37.23	-13	Vertical
17818.55	-33.53	-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	20.01	0.100
Band5	QPSK	1.4	20525	1#0	19.36	0.086
Band5	QPSK	1.4	20643	1#0	19.54	0.090
Band5	16QAM	1.4	20407	1#0	17.38	0.055
Band5	16QAM	1.4	20525	1#0	18.33	0.068
Band5	16QAM	1.4	20643	1#0	18.32	0.068
Band5	64QAM	1.4	20407	1#0	18.46	0.070
Band5	64QAM	1.4	20525	1#0	17.95	0.062
Band5	64QAM	1.4	20643	1#0	18.38	0.069
Band5	QPSK	3	20415	1#0	19.25	0.084
Band5	QPSK	3	20525	1#0	19.11	0.081
Band5	QPSK	3	20635	1#0	19.82	0.096
Band5	16QAM	3	20415	1#0	17.62	0.058
Band5	16QAM	3	20525	1#0	17.83	0.061
Band5	16QAM	3	20635	1#0	17.96	0.063
Band5	64QAM	3	20415	1#0	17.87	0.061
Band5	64QAM	3	20525	1#0	17.24	0.053
Band5	64QAM	3	20635	1#0	17.80	0.060
Band5	QPSK	5	20425	1#0	19.08	0.081
Band5	QPSK	5	20525	1#0	19.48	0.089
Band5	QPSK	5	20625	1#0	19.34	0.086
Band5	16QAM	5	20425	1#0	17.96	0.062
Band5	16QAM	5	20525	1#0	18.11	0.065
Band5	16QAM	5	20625	1#0	17.59	0.057
Band5	64QAM	5	20425	1#0	18.14	0.065
Band5	64QAM	5	20525	1#0	17.29	0.054
Band5	64QAM	5	20625	1#0	17.53	0.057
Band5	QPSK	10	20450	1#0	19.50	0.089
Band5	QPSK	10	20525	1#0	19.79	0.095
Band5	QPSK	10	20600	1#0	19.68	0.093
Band5	16QAM	10	20450	1#0	17.83	0.061
Band5	16QAM	10	20525	1#0	18.04	0.064
Band5	16QAM	10	20600	1#0	18.10	0.065
Band5	64QAM	10	20450	1#0	17.91	0.062
Band5	64QAM	10	20525	1#0	18.06	0.064
Band5	64QAM	10	20600	1#0	18.41	0.069

Test result:

Channel 20450

Frequency (MHz)	Power (dBm)	Limited (dBm)	Polarization
1647.88	-53.03	-13	Vertical
1666.06	-51.73	-13	Vertical
2533.39	-44.44	-13	Vertical
2578.83	-43.70	-13	Vertical
8963.00	-39.42	-13	Vertical
9971.44	-36.56	-13	Vertical

Channel 20525

Frequency (MHz)	Power (dBm)	Limited (dBm)	Polarization
1650.00	-53.32	-13	Vertical
1665.45	-51.61	-13	Vertical
2535.78	-44.00	-13	Vertical
2577.28	-43.79	-13	Vertical
8962.09	-39.37	-13	Vertical
9971.36	-36.34	-13	Vertical

Channel 20600

Frequency (MHz)	Power (dBm)	Limited (dBm)	Polarization
1648.20	-53.07	-13	Vertical
1665.17	-51.04	-13	Vertical
2534.69	-44.42	-13	Vertical
2577.14	-44.49	-13	Vertical
8961.27	-39.29	-13	Vertical
9971.40	-36.57	-13	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	18.73	0.075
Band12	QPSK	1.4	23095	1#0	19.17	0.083
Band12	QPSK	1.4	23173	1#0	18.60	0.072
Band12	16QAM	1.4	23017	1#0	17.82	0.061
Band12	16QAM	1.4	23095	1#0	17.52	0.056
Band12	16QAM	1.4	23173	1#0	17.02	0.050
Band12	64QAM	1.4	23017	1#0	18.02	0.063
Band12	64QAM	1.4	23095	1#0	16.84	0.048
Band12	64QAM	1.4	23173	1#0	17.12	0.052
Band12	QPSK	3	23025	1#0	19.08	0.081
Band12	QPSK	3	23095	1#0	19.11	0.082
Band12	QPSK	3	23165	1#0	18.44	0.070
Band12	16QAM	3	23025	1#0	17.28	0.053
Band12	16QAM	3	23095	1#0	17.69	0.059
Band12	16QAM	3	23165	1#0	17.09	0.051
Band12	64QAM	3	23025	1#0	17.17	0.052
Band12	64QAM	3	23095	1#0	17.58	0.057
Band12	64QAM	3	23165	1#0	17.23	0.053
Band12	QPSK	5	23035	1#0	19.02	0.080
Band12	QPSK	5	23095	1#0	18.93	0.078
Band12	QPSK	5	23155	1#0	18.89	0.077
Band12	16QAM	5	23035	1#0	18.16	0.065
Band12	16QAM	5	23095	1#0	17.82	0.061
Band12	16QAM	5	23155	1#0	17.12	0.052
Band12	64QAM	5	23035	1#0	17.53	0.057
Band12	64QAM	5	23095	1#0	17.78	0.060
Band12	64QAM	5	23155	1#0	17.68	0.059
Band12	QPSK	10	23060	1#0	19.03	0.080
Band12	QPSK	10	23095	1#0	19.04	0.080
Band12	QPSK	10	23130	1#0	18.71	0.074
Band12	16QAM	10	23060	1#0	17.79	0.060
Band12	16QAM	10	23095	1#0	18.13	0.065
Band12	16QAM	10	23130	1#0	17.95	0.062
Band12	64QAM	10	23060	1#0	18.34	0.068
Band12	64QAM	10	23095	1#0	17.79	0.060
Band12	64QAM	10	23130	1#0	17.43	0.055

Test result:

Channel 23060

Frequency (MHz)	Power (dBm)	Limited (dBm)	Polarization
1648.24	-52.96	-13	Vertical
1664.84	-51.51	-13	Vertical
2535.09	-43.94	-13	Vertical
2576.50	-43.67	-13	Vertical
8962.40	-39.84	-13	Vertical
9971.11	-36.50	-13	Vertical

Channel 23095

Frequency (MHz)	Power (dBm)	Limited (dBm)	Polarization
1649.21	-52.62	-13	Vertical
1666.11	-51.33	-13	Vertical
2535.26	-43.91	-13	Vertical
2575.44	-44.62	-13	Vertical
8961.91	-39.68	-13	Vertical
9972.75	-36.15	-13	Vertical

Channel 23130

Frequency (MHz)	Power (dBm)	Limited (dBm)	Polarization
1647.45	-52.87	-13	Vertical
1665.61	-51.26	-13	Horizontal
2535.73	-44.62	-13	Vertical
2577.06	-43.86	-13	Vertical
8960.83	-40.00	-13	Vertical
9971.72	-36.80	-13	Vertical

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	24.99	0.316
Band25	QPSK	1.4	26365	1#0	24.71	0.296
Band25	QPSK	1.4	26683	1#0	24.23	0.265
Band25	16QAM	1.4	26047	1#0	22.98	0.199
Band25	16QAM	1.4	26365	1#0	23.42	0.220
Band25	16QAM	1.4	26683	1#0	24.10	0.257
Band25	64QAM	1.4	26047	1#0	23.09	0.203
Band25	64QAM	1.4	26365	1#0	22.64	0.184
Band25	64QAM	1.4	26683	1#0	23.77	0.238
Band25	QPSK	3	26055	1#0	24.71	0.296
Band25	QPSK	3	26365	1#0	24.81	0.303
Band25	QPSK	3	26675	1#0	24.35	0.273
Band25	16QAM	3	26055	1#0	23.58	0.228
Band25	16QAM	3	26365	1#0	23.43	0.221
Band25	16QAM	3	26675	1#0	24.30	0.269
Band25	64QAM	3	26055	1#0	23.06	0.202
Band25	64QAM	3	26365	1#0	22.68	0.185
Band25	64QAM	3	26675	1#0	23.50	0.224
Band25	QPSK	5	26065	1#0	24.83	0.304
Band25	QPSK	5	26365	1#0	24.88	0.307
Band25	QPSK	5	26665	1#0	24.68	0.294
Band25	16QAM	5	26065	1#0	23.64	0.231
Band25	16QAM	5	26365	1#0	23.78	0.239
Band25	16QAM	5	26665	1#0	24.68	0.294
Band25	64QAM	5	26065	1#0	22.98	0.199
Band25	64QAM	5	26365	1#0	22.94	0.197
Band25	64QAM	5	26665	1#0	22.83	0.192
Band25	QPSK	10	26090	1#0	25.02	0.318
Band25	QPSK	10	26365	1#0	25.26	0.336
Band25	QPSK	10	26640	1#0	24.98	0.315
Band25	16QAM	10	26090	1#0	23.67	0.233
Band25	16QAM	10	26365	1#0	22.73	0.188
Band25	16QAM	10	26640	1#0	24.36	0.273
Band25	64QAM	10	26090	1#0	23.95	0.248
Band25	64QAM	10	26365	1#0	23.22	0.210
Band25	64QAM	10	26640	1#0	23.48	0.223
Band25	QPSK	15	26115	1#0	25.42	0.348
Band25	QPSK	15	26365	1#0	24.77	0.300
Band25	QPSK	15	26615	1#0	24.57	0.287
Band25	16QAM	15	26115	1#0	23.16	0.207
Band25	16QAM	15	26365	1#0	23.59	0.229
Band25	16QAM	15	26615	1#0	24.68	0.293

Band25	64QAM	15	26115	1#0	23.23	0.210
Band25	64QAM	15	26365	1#0	22.70	0.186
Band25	64QAM	15	26615	1#0	23.74	0.237
Band25	QPSK	20	26140	1#0	25.28	0.337
Band25	QPSK	20	26365	1#0	25.43	0.349
Band25	QPSK	20	26590	1#0	24.47	0.280
Band25	16QAM	20	26140	1#0	23.87	0.244
Band25	16QAM	20	26365	1#0	23.53	0.225
Band25	16QAM	20	26590	1#0	24.40	0.276
Band25	64QAM	20	26140	1#0	23.54	0.226
Band25	64QAM	20	26365	1#0	23.42	0.220
Band25	64QAM	20	26590	1#0	23.53	0.225

Test result:

Channel 26140

Frequency (MHz)	Power (dBm)	Limited (dBm)	Polarization
2460.76	-49.34	-13	Vertical
2778.66	-47.37	-13	Vertical
3727.34	-40.63	-13	Vertical
6677.28	-39.86	-13	Vertical
9961.28	-37.47	-13	Vertical
17818.73	-33.87	-13	Vertical

Channel 26365

Frequency (MHz)	Power (dBm)	Limited (dBm)	Polarization
2460.99	-49.12	-13	Vertical
2778.43	-47.04	-13	Vertical
3727.39	-41.00	-13	Vertical
6677.05	-39.89	-13	Vertical
9959.78	-37.24	-13	Vertical
17818.44	-33.52	-13	Vertical

Channel 26590

Frequency (MHz)	Power (dBm)	Limited (dBm)	Polarization
2458.91	-49.28	-13	Vertical
2778.47	-47.80	-13	Vertical
3727.03	-40.59	-13	Vertical
6678.18	-39.68	-13	Vertical
9961.67	-37.39	-13	Vertical
17822.03	-33.94	-13	Vertical

LTE band 41

Test result:

band	Modulation	BW (MHz)	Channel	RB/ RB offset	EIRP/ERP (dBm)	EIRP/ERP (W)
Band41	QPSK	5	40065	1#0	25.10	0.324
Band41	QPSK	5	40620	1#0	24.98	0.315
Band41	QPSK	5	41215	1#0	24.11	0.257
Band41	16QAM	5	40065	1#0	23.69	0.234
Band41	16QAM	5	40620	1#0	23.44	0.221
Band41	16QAM	5	41215	1#0	24.09	0.256
Band41	64QAM	5	40065	1#0	23.29	0.213
Band41	64QAM	5	40620	1#0	23.28	0.213
Band41	64QAM	5	41215	1#0	23.10	0.204
Band41	QPSK	10	40090	1#0	24.41	0.276
Band41	QPSK	10	40620	1#0	24.85	0.306
Band41	QPSK	10	41190	1#0	24.81	0.303
Band41	16QAM	10	40090	1#0	23.59	0.229
Band41	16QAM	10	40620	1#0	23.64	0.231
Band41	16QAM	10	41190	1#0	23.27	0.212
Band41	64QAM	10	40090	1#0	22.65	0.184
Band41	64QAM	10	40620	1#0	23.56	0.227
Band41	64QAM	10	41190	1#0	22.85	0.193
Band41	QPSK	15	40115	1#0	25.23	0.333
Band41	QPSK	15	40620	1#0	24.34	0.272
Band41	QPSK	15	41165	1#0	24.98	0.315
Band41	16QAM	15	40115	1#0	23.53	0.225
Band41	16QAM	15	40620	1#0	23.22	0.210
Band41	16QAM	15	41165	1#0	23.02	0.200
Band41	64QAM	15	40115	1#0	22.80	0.191
Band41	64QAM	15	40620	1#0	23.49	0.223
Band41	64QAM	15	41165	1#0	23.58	0.228
Band41	QPSK	20	40140	1#0	25.44	0.350
Band41	QPSK	20	40620	1#0	25.28	0.337
Band41	QPSK	20	41140	1#0	24.93	0.311
Band41	16QAM	20	40140	1#0	23.83	0.241
Band41	16QAM	20	40620	1#0	23.13	0.205
Band41	16QAM	20	41140	1#0	24.22	0.264
Band41	64QAM	20	40140	1#0	23.24	0.211
Band41	64QAM	20	40620	1#0	23.57	0.227
Band41	64QAM	20	41140	1#0	23.15	0.207

Test result:

Channel 40140

Frequency (MHz)	Power (dBm)	Limited (dBm)	Polarization

2457.72	-48.83	-25	Vertical
2781.36	-47.27	-25	Vertical
3728.31	-40.39	-25	Vertical
6678.32	-39.29	-25	Vertical
9961.98	-37.31	-25	Vertical
17821.55	-33.90	-25	Vertical

Channel 40620

Frequency (MHz)	Power (dBm)	Limited (dBm)	Polarization
2459.97	-48.78	-25	Vertical
2782.11	-47.34	-25	Vertical
3724.93	-40.91	-25	Vertical
6678.59	-40.04	-25	Vertical
9959.60	-36.94	-25	Vertical
17820.34	-34.15	-25	Vertical

Channel 41140

Frequency (MHz)	Power (dBm)	Limited (dBm)	Polarization
2457.97	-48.97	-25	Vertical
2781.95	-47.55	-25	Vertical
3726.81	-41.04	-25	Vertical
6677.72	-39.66	-25	Vertical
9961.98	-37.27	-25	Vertical
17821.42	-34.04	-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	23.80	0.240
Band66	QPSK	1.4	132322	1#0	23.54	0.226
Band66	QPSK	1.4	132665	1#0	23.24	0.211
Band66	16QAM	1.4	131979	1#0	22.06	0.161
Band66	16QAM	1.4	132322	1#0	22.11	0.162
Band66	16QAM	1.4	132665	1#0	22.47	0.177
Band66	64QAM	1.4	131979	1#0	22.30	0.170
Band66	64QAM	1.4	132322	1#0	21.68	0.147
Band66	64QAM	1.4	132665	1#0	22.13	0.163
Band66	QPSK	3	131987	1#0	23.76	0.237
Band66	QPSK	3	132322	1#0	23.48	0.223
Band66	QPSK	3	132657	1#0	23.77	0.238
Band66	16QAM	3	131987	1#0	22.28	0.169
Band66	16QAM	3	132322	1#0	22.66	0.185
Band66	16QAM	3	132657	1#0	22.54	0.180
Band66	64QAM	3	131987	1#0	21.88	0.154
Band66	64QAM	3	132322	1#0	21.43	0.139
Band66	64QAM	3	132657	1#0	22.42	0.175
Band66	QPSK	5	131997	1#0	23.23	0.210
Band66	QPSK	5	132322	1#0	23.39	0.218
Band66	QPSK	5	132647	1#0	23.46	0.222
Band66	16QAM	5	131997	1#0	21.55	0.143
Band66	16QAM	5	132322	1#0	22.85	0.193
Band66	16QAM	5	132647	1#0	22.16	0.164
Band66	64QAM	5	131997	1#0	21.70	0.148
Band66	64QAM	5	132322	1#0	21.68	0.147
Band66	64QAM	5	132647	1#0	22.29	0.169
Band66	QPSK	10	132022	1#0	23.22	0.210
Band66	QPSK	10	132322	1#0	23.39	0.218
Band66	QPSK	10	132622	1#0	23.10	0.204
Band66	16QAM	10	132022	1#0	22.23	0.167
Band66	16QAM	10	132322	1#0	22.86	0.193
Band66	16QAM	10	132622	1#0	22.36	0.172
Band66	64QAM	10	132022	1#0	22.34	0.172
Band66	64QAM	10	132322	1#0	21.48	0.141
Band66	64QAM	10	132622	1#0	21.86	0.154
Band66	QPSK	15	132047	1#0	23.81	0.241
Band66	QPSK	15	132322	1#0	23.83	0.242
Band66	QPSK	15	132597	1#0	23.47	0.222
Band66	16QAM	15	132047	1#0	21.47	0.140
Band66	16QAM	15	132322	1#0	22.87	0.194
Band66	16QAM	15	132597	1#0	22.60	0.182
Band66	64QAM	15	132047	1#0	21.93	0.156

Band66	64QAM	15	132322	1#0	21.77	0.150
Band66	64QAM	15	132597	1#0	21.99	0.158
Band66	QPSK	20	132072	1#0	24.19	0.262
Band66	QPSK	20	132322	1#0	24.20	0.263
Band66	QPSK	20	132572	1#0	24.31	0.270
Band66	16QAM	20	132072	1#0	21.59	0.144
Band66	16QAM	20	132322	1#0	22.68	0.186
Band66	16QAM	20	132572	1#0	22.52	0.179
Band66	64QAM	20	132072	1#0	22.24	0.168
Band66	64QAM	20	132322	1#0	22.03	0.160
Band66	64QAM	20	132572	1#0	22.03	0.160

Test result:

Channel 132072

Frequency (MHz)	Power (dBm)	Limited (dBm)	Polarization
2457.95	-48.78	-13	Vertical
2780.07	-47.52	-13	Vertical
3728.16	-40.52	-13	Vertical
6675.87	-39.41	-13	Vertical
9962.65	-37.03	-13	Vertical
17819.43	-33.52	-13	Vertical

Channel 132322

Frequency (MHz)	Power (dBm)	Limited (dBm)	Polarization
2460.14	-49.34	-13	Vertical
2778.43	-47.85	-13	Vertical
3727.64	-40.57	-13	Vertical
6675.56	-39.62	-13	Vertical
9962.33	-37.52	-13	Vertical
17822.08	-34.08	-13	Vertical

Channel 132572

Frequency (MHz)	Power (dBm)	Limited (dBm)	Polarization
2459.11	-48.58	-13	Vertical
2780.01	-47.40	-13	Vertical
3728.01	-41.26	-13	Vertical
6676.52	-39.90	-13	Vertical
9963.07	-37.36	-13	Vertical
17822.29	-33.92	-13	Vertical

LTE band 71

Test result:

band	Modulation	BW (MHz)	Channel	RB/ RB offset	EIRP/ERP (dBm)	EIRP/ERP (W)
Band71	QPSK	5	133147	1#0	19.10	0.081
Band71	QPSK	5	133297	1#0	19.15	0.082
Band71	QPSK	5	133447	1#0	19.47	0.088
Band71	16QAM	5	133147	1#0	19.43	0.088
Band71	16QAM	5	133297	1#0	19.37	0.087
Band71	16QAM	5	133447	1#0	19.33	0.086
Band71	64QAM	5	133147	1#0	18.40	0.069
Band71	64QAM	5	133297	1#0	19.36	0.086
Band71	64QAM	5	133447	1#0	18.85	0.077
Band71	QPSK	10	133172	1#0	18.93	0.078
Band71	QPSK	10	133297	1#0	19.36	0.086
Band71	QPSK	10	133422	1#0	20.36	0.109
Band71	16QAM	10	133172	1#0	18.57	0.072
Band71	16QAM	10	133297	1#0	19.25	0.084
Band71	16QAM	10	133422	1#0	18.22	0.066
Band71	64QAM	10	133172	1#0	18.29	0.067
Band71	64QAM	10	133297	1#0	18.88	0.077
Band71	64QAM	10	133422	1#0	18.71	0.074
Band71	QPSK	15	133197	1#0	19.61	0.091
Band71	QPSK	15	133297	1#0	18.97	0.079
Band71	QPSK	15	133397	1#0	19.61	0.091
Band71	16QAM	15	133197	1#0	18.71	0.074
Band71	16QAM	15	133297	1#0	19.03	0.080
Band71	16QAM	15	133397	1#0	18.94	0.078
Band71	64QAM	15	133197	1#0	18.60	0.072
Band71	64QAM	15	133297	1#0	18.47	0.070
Band71	64QAM	15	133397	1#0	18.60	0.073
Band71	QPSK	20	133222	1#0	19.96	0.099
Band71	QPSK	20	133322	1#0	19.38	0.087
Band71	QPSK	20	133372	1#0	20.14	0.103
Band71	16QAM	20	133222	1#0	18.74	0.075
Band71	16QAM	20	133322	1#0	19.29	0.085
Band71	16QAM	20	133372	1#0	18.81	0.076
Band71	64QAM	20	133222	1#0	19.23	0.084
Band71	64QAM	20	133322	1#0	18.93	0.078
Band71	64QAM	20	133372	1#0	18.28	0.067

Test result:

Channel 133222

Frequency (MHz)	Power (dBm)	Limited (dBm)	Polarization

1648.95	-52.75	-13	Vertical
1668.51	-50.92	-13	Vertical
2534.94	-44.18	-13	Vertical
2577.74	-44.06	-13	Vertical
8964.39	-39.96	-13	Vertical
9972.49	-36.32	-13	Vertical

Channel 133322

Frequency (MHz)	Power (dBm)	Limited (dBm)	Polarization
1649.09	-52.64	-13	Vertical
1668.00	-51.24	-13	Vertical
2534.21	-44.66	-13	Vertical
2576.57	-44.08	-13	Vertical
8963.42	-39.56	-13	Vertical
9971.81	-36.20	-13	Vertical

Channel 133372

Frequency (MHz)	Power (dBm)	Limited (dBm)	Polarization
1647.24	-52.87	-13	Vertical
1666.60	-51.47	-13	Vertical
2536.03	-44.64	-13	Vertical
2576.54	-44.46	-13	Vertical
8960.96	-39.74	-13	Vertical
9971.29	-36.28	-13	Vertical