

APPENDIX B – TEST DATA OF RADIATED EMISSION

Radiated Spurious Emissions

Note: The worst channel results are reflected in the report.

Note: The scanned graph represents the maximum of both horizontal and vertical polarizations and is not a single horizontal or vertical polarization scan.

Note: The test antenna is the main antenna

LTE band 2

Test result:

Channel 19100

Frequency (MHz)	Power (dBm)	Limited (dBm)	Polarization
2460.83	-48.53	-13	Vertical
2781.53	-46.89	-13	Vertical
3726.01	-40.93	-13	Vertical
6677.38	-39.43	-13	Vertical
9963.08	-37.29	-13	Vertical
17820.16	-33.58	-13	Vertical

Channel 18900

Frequency (MHz)	Power (dBm)	Limited (dBm)	Polarization
2461.35	-48.67	-13	Vertical
2779.94	-46.92	-13	Vertical
3724.41	-40.66	-13	Vertical
6678.70	-39.18	-13	Vertical
9963.35	-37.23	-13	Vertical
17821.01	-33.72	-13	Vertical

Channel 19100

Frequency (MHz)	Power (dBm)	Limited (dBm)	Polarization
2460.89	-48.69	-13	Vertical
2779.91	-47.06	-13	Vertical
3728.02	-40.49	-13	Vertical
6677.53	-39.58	-13	Vertical
9960.07	-37.15	-13	Vertical
17818.68	-34.07	-13	Vertical

LTE band 4

Test result:

Channel 20050

Frequency (MHz)	Power (dBm)	Limited (dBm)	Polarization
2457.76	-49.09	-13	Vertical
2781.20	-47.02	-13	Vertical
3727.77	-41.28	-13	Vertical
6678.32	-39.68	-13	Vertical
9961.28	-37.73	-13	Vertical
17818.78	-33.92	-13	Vertical

Channel 20175

Frequency (MHz)	Power (dBm)	Limited (dBm)	Polarization
2459.50	-48.74	-13	Vertical
2778.53	-47.58	-13	Vertical
3727.02	-41.11	-13	Vertical
6675.78	-39.19	-13	Vertical
9961.71	-37.14	-13	Vertical
17820.16	-33.66	-13	Vertical

Channel 20300

Frequency (MHz)	Power (dBm)	Limited (dBm)	Polarization
2458.14	-48.65	-13	Vertical
2780.63	-47.68	-13	Vertical
3725.06	-40.75	-13	Vertical
6675.18	-40.03	-13	Vertical
9961.01	-37.00	-13	Vertical
17820.80	-34.00	-13	Vertical

LTE band 5

Test result:

Channel 20450

Frequency (MHz)	Power (dBm)	Limited (dBm)	Polarization
1650.28	-53.41	-13	Vertical
1665.54	-51.11	-13	Vertical
2534.07	-44.44	-13	Vertical
2575.82	-43.68	-13	Vertical
8961.25	-39.58	-13	Vertical
9969.75	-36.63	-13	Vertical

Channel 20525

Frequency (MHz)	Power (dBm)	Limited (dBm)	Polarization
1649.62	-53.19	-13	Vertical
1666.36	-51.40	-13	Vertical
2535.83	-44.78	-13	Vertical
2579.20	-44.55	-13	Vertical
8962.35	-39.05	-13	Vertical
9973.30	-36.77	-13	Vertical

Channel 20600

Frequency (MHz)	Power (dBm)	Limited (dBm)	Polarization
1649.04	-53.31	-13	Vertical
1668.54	-50.97	-13	Vertical
2535.01	-44.02	-13	Vertical
2577.13	-43.71	-13	Vertical
8960.79	-39.56	-13	Vertical
9969.71	-36.06	-13	Vertical

LTE band 7

Test result:

Channel 20850

Frequency (MHz)	Power (dBm)	Limited (dBm)	Polarization
2461.01	-48.78	-25	Vertical
2779.59	-47.86	-25	Vertical
3724.62	-40.53	-25	Vertical
6675.20	-39.46	-25	Vertical
9960.30	-36.95	-25	Vertical
17819.47	-33.64	-25	Vertical

Channel 21100

Frequency (MHz)	Power (dBm)	Limited (dBm)	Polarization
2458.76	-49.26	-25	Vertical
2778.89	-47.49	-25	Vertical
3724.45	-40.77	-25	Vertical
6676.88	-39.61	-25	Vertical
9960.28	-37.02	-25	Vertical
17818.88	-33.81	-25	Vertical

Channel 21350

Frequency (MHz)	Power (dBm)	Limited (dBm)	Polarization
2460.82	-48.52	-25	Vertical
2778.63	-47.15	-25	Vertical
3727.61	-40.79	-25	Vertical
6678.30	-39.69	-25	Vertical
9963.04	-37.28	-25	Vertical
17819.98	-34.09	-25	Vertical

LTE band 13

Test result:
Channel 23205

Frequency (MHz)	Power (dBm)	Limited (dBm)	Polarization
1559.00	-71.35	-40	Vertical
1564.00	-71.94	-40	Vertical
1569.00	-72.11	-40	Vertical
1649.04	-53.26	-13	Vertical
1666.19	-50.90	-13	Vertical
2533.72	-44.62	-13	Vertical
2575.56	-44.33	-13	Vertical
8962.19	-39.61	-13	Vertical
9972.11	-36.44	-13	Vertical

Channel 23230

Frequency (MHz)	Power (dBm)	Limited (dBm)	Polarization
1559.00	-71.14	-40	Vertical
1564.00	-71.88	-40	Vertical
1569.00	-71.34	-40	Vertical
1649.14	-52.70	-13	Vertical
1668.75	-51.32	-13	Vertical
2533.71	-43.86	-13	Vertical
2577.12	-44.05	-13	Vertical
8961.90	-39.05	-13	Vertical
9970.11	-36.79	-13	Vertical

Channel 23255

Frequency (MHz)	Power (dBm)	Limited (dBm)	Polarization
1559.00	-71.76	-40	Vertical
1564.00	-71.23	-40	Vertical
1569.00	-71.94	-40	Vertical
1647.78	-52.92	-13	Vertical
1667.87	-51.32	-13	Vertical
2533.12	-44.25	-13	Vertical
2578.61	-44.48	-13	Vertical
8961.00	-39.71	-13	Vertical
9972.57	-36.21	-13	Vertical

LTE band 38

Test result:

Channel 37850

Frequency (MHz)	Power (dBm)	Limited (dBm)	Polarization
2458.50	-48.64	-25	Vertical
2779.48	-47.39	-25	Vertical
3725.54	-40.92	-25	Vertical
6677.06	-39.27	-25	Vertical
9962.98	-37.67	-25	Vertical
17821.11	-34.04	-25	Vertical

Channel 38000

Frequency (MHz)	Power (dBm)	Limited (dBm)	Polarization
2461.29	-48.63	-25	Vertical
2778.92	-47.38	-25	Vertical
3725.93	-40.69	-25	Vertical
6677.57	-39.92	-25	Vertical
9963.39	-36.90	-25	Vertical
17819.92	-33.69	-25	Vertical

Channel 38150

Frequency (MHz)	Power (dBm)	Limited (dBm)	Polarization
2461.12	-49.34	-25	Vertical
2780.28	-47.43	-25	Horizontal
3726.02	-41.19	-25	Vertical
6677.15	-39.18	-25	Vertical
9963.14	-36.88	-25	Vertical
17820.97	-34.39	-25	Vertical

LTE band 40

Test result:

Channel 38350

Frequency (MHz)	Power (dBm)	Limited (dBm)	Polarization
2460.38	-49.00	-25	Vertical
2779.58	-47.37	-25	Vertical
3725.68	-40.95	-25	Vertical
6678.23	-39.71	-25	Horizontal
9962.89	-37.73	-25	Vertical
17821.45	-34.34	-25	Vertical

Channel 38450

Frequency (MHz)	Power (dBm)	Limited (dBm)	Polarization
2460.35	-48.71	-25	Vertical
2779.18	-47.66	-25	Vertical
3727.94	-40.57	-25	Horizontal
6675.05	-39.30	-25	Vertical
9960.18	-37.24	-25	Vertical
17818.43	-34.25	-25	Vertical

Channel 38550

Frequency (MHz)	Power (dBm)	Limited (dBm)	Polarization
2461.15	-48.69	-25	Vertical
2778.27	-47.73	-25	Horizontal
3724.99	-40.57	-25	Vertical
6675.02	-39.19	-25	Vertical
9961.28	-36.96	-25	Vertical
17820.48	-33.66	-25	Vertical

LTE band 41
Test result:
Channel 40340

Frequency (MHz)	Power (dBm)	Limited (dBm)	Polarization
2459.31	-48.89	-25	Vertical
2780.78	-47.12	-25	Vertical
3724.44	-40.82	-25	Vertical
6675.13	-39.51	-25	Vertical
9959.72	-37.31	-25	Vertical
17818.86	-33.77	-25	Vertical

Channel 40740

Frequency (MHz)	Power (dBm)	Limited (dBm)	Polarization
2459.77	-48.78	-25	Vertical
2781.90	-47.20	-25	Vertical
3727.70	-41.31	-25	Vertical
6677.25	-40.09	-25	Vertical
9961.11	-36.85	-25	Vertical
17820.61	-34.36	-25	Vertical

Channel 41140

Frequency (MHz)	Power (dBm)	Limited (dBm)	Polarization
2460.56	-48.82	-25	Vertical
2778.61	-47.60	-25	Vertical
3728.18	-40.39	-25	Vertical
6677.83	-39.29	-25	Vertical
9961.52	-37.75	-25	Vertical
17820.13	-33.59	-25	Vertical

LTE band 66

Test result:

Channel 132072

Frequency (MHz)	Power (dBm)	Limited (dBm)	Polarization
2459.30	-48.84	-13	Vertical
2781.67	-46.93	-13	Vertical
3728.19	-40.68	-13	Vertical
6678.15	-39.50	-13	Vertical
9963.39	-37.12	-13	Vertical
17819.64	-33.62	-13	Vertical

Channel 132322

Frequency (MHz)	Power (dBm)	Limited (dBm)	Polarization
2460.09	-48.81	-13	Vertical
2781.65	-47.56	-13	Vertical
3724.87	-40.49	-13	Vertical
6678.69	-40.08	-13	Vertical
9963.20	-37.66	-13	Vertical
17820.18	-33.54	-13	Vertical

Channel 132572

Frequency (MHz)	Power (dBm)	Limited (dBm)	Polarization
2460.57	-49.38	-13	Vertical
2780.41	-47.49	-13	Vertical
3727.73	-41.00	-13	Vertical
6676.68	-39.69	-13	Vertical
9960.74	-36.91	-13	Vertical
17820.11	-34.42	-13	Vertical

---The end of the test report---