

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.

LTE band 2

Test result:

Channel 19100

Frequency (MHz)	Power (dBm)	Limited (dBm)	Polarization
2460.45	-49.10	-13	Vertical
2779.96	-46.91	-13	Vertical
3725.71	-41.31	-13	Vertical
6676.20	-39.34	-13	Vertical
9959.99	-37.04	-13	Vertical
17820.66	-34.26	-13	Vertical

Channel 18900

Frequency (MHz)	Power (dBm)	Limited (dBm)	Polarization
2459.99	-48.94	-13	Vertical
2780.41	-47.04	-13	Vertical
3725.82	-41.13	-13	Vertical
6678.63	-40.03	-13	Vertical
9961.72	-37.70	-13	Vertical
17821.74	-34.07	-13	Vertical

Channel 19100

Frequency (MHz)	Power (dBm)	Limited (dBm)	Polarization
2458.79	-49.13	-13	Vertical
2780.29	-47.15	-13	Vertical
3726.59	-40.51	-13	Vertical
6677.68	-39.50	-13	Vertical
9962.83	-36.97	-13	Vertical
17820.10	-34.00	-13	Vertical

LTE band 4

Test result:

Channel 20050

Frequency (MHz)	Power (dBm)	Limited (dBm)	Polarization
2457.89	-49.21	-13	Vertical
2779.26	-47.53	-13	Vertical
3728.09	-40.51	-13	Vertical
6676.69	-40.03	-13	Vertical
9959.60	-37.15	-13	Vertical
17822.00	-34.20	-13	Vertical

Channel 20175

Frequency (MHz)	Power (dBm)	Limited (dBm)	Polarization
2460.18	-48.88	-13	Vertical
2778.68	-47.61	-13	Vertical
3725.78	-40.94	-13	Vertical
6678.36	-39.45	-13	Vertical
9962.31	-36.96	-13	Vertical
17819.83	-33.93	-13	Vertical

Channel 20300

Frequency (MHz)	Power (dBm)	Limited (dBm)	Polarization
2458.74	-48.53	-13	Vertical
2780.50	-47.53	-13	Vertical
3725.77	-41.14	-13	Vertical
6678.79	-39.52	-13	Vertical
9960.38	-37.06	-13	Vertical
17818.85	-34.37	-13	Vertical

LTE band 5

Test result:

Channel 20450

Frequency (MHz)	Power (dBm)	Limited (dBm)	Polarization
1647.99	-52.91	-13	Vertical
1668.32	-51.43	-13	Vertical
2535.84	-44.04	-13	Vertical
2578.06	-44.31	-13	Vertical
8964.48	-39.28	-13	Vertical
9972.28	-35.90	-13	Vertical

Channel 20525

Frequency (MHz)	Power (dBm)	Limited (dBm)	Polarization
1646.78	-53.26	-13	Vertical
1665.34	-51.39	-13	Vertical
2535.19	-44.65	-13	Vertical
2575.86	-44.64	-13	Vertical
8963.70	-39.15	-13	Vertical
9972.31	-36.72	-13	Vertical

Channel 20600

Frequency (MHz)	Power (dBm)	Limited (dBm)	Polarization
1648.41	-53.39	-13	Vertical
1666.95	-51.52	-13	Vertical
2532.83	-44.28	-13	Vertical
2578.38	-44.57	-13	Vertical
8963.25	-39.13	-13	Vertical
9971.73	-36.51	-13	Vertical

LTE band 7

Test result:

Channel 20850

Frequency (MHz)	Power (dBm)	Limited (dBm)	Polarization
2459.16	-49.34	-25	Vertical
2779.12	-47.43	-25	Vertical
3726.48	-40.81	-25	Vertical
6678.36	-39.58	-25	Vertical
9961.93	-36.97	-25	Vertical
17821.69	-33.66	-25	Vertical

Channel 21100

Frequency (MHz)	Power (dBm)	Limited (dBm)	Polarization
2460.93	-49.04	-25	Vertical
2780.64	-47.16	-25	Vertical
3724.69	-40.83	-25	Vertical
6677.35	-39.84	-25	Vertical
9961.91	-37.55	-25	Vertical
17819.10	-34.02	-25	Vertical

Channel 21350

Frequency (MHz)	Power (dBm)	Limited (dBm)	Polarization
2460.50	-48.64	-25	Vertical
2781.28	-47.27	-25	Vertical
3725.29	-40.41	-25	Vertical
6675.28	-39.52	-25	Vertical
9961.93	-36.95	-25	Vertical
17821.00	-34.16	-25	Vertical

LTE band 12

Test result:

Channel 23060

Frequency (MHz)	Power (dBm)	Limited (dBm)	Polarization
1647.64	-53.42	-13	Vertical
1664.87	-51.56	-13	Vertical
2533.57	-43.82	-13	Vertical
2577.41	-43.82	-13	Vertical
8961.13	-39.79	-13	Vertical
9972.06	-36.09	-13	Vertical

Channel 23095

Frequency (MHz)	Power (dBm)	Limited (dBm)	Polarization
1647.10	-52.53	-13	Vertical
1665.28	-51.63	-13	Vertical
2536.02	-44.26	-13	Vertical
2578.36	-44.10	-13	Vertical
8963.66	-39.84	-13	Vertical
9971.96	-36.73	-13	Vertical

Channel 23130

Frequency (MHz)	Power (dBm)	Limited (dBm)	Polarization
1649.50	-53.40	-13	Vertical
1665.44	-51.44	-13	Vertical
2533.58	-43.86	-13	Vertical
2576.01	-43.84	-13	Vertical
8963.26	-39.45	-13	Vertical
9973.10	-36.35	-13	Vertical

LTE band 17

Test result:

Channel 23780

Frequency (MHz)	Power (dBm)	Limited (dBm)	Polarization
1648.98	-53.35	-13	Vertical
1668.72	-50.92	-13	Vertical
2534.51	-44.28	-13	Vertical
2576.35	-43.84	-13	Vertical
8962.83	-39.07	-13	Vertical
9972.18	-36.10	-13	Vertical

Channel 23790

Frequency (MHz)	Power (dBm)	Limited (dBm)	Polarization
1649.19	-52.99	-13	Vertical
1666.42	-51.11	-13	Vertical
2533.80	-43.94	-13	Vertical
2577.65	-44.04	-13	Vertical
8964.62	-39.04	-13	Vertical
9973.00	-36.52	-13	Vertical

Channel 23800

Frequency (MHz)	Power (dBm)	Limited (dBm)	Polarization
1650.29	-52.73	-13	Vertical
1666.95	-50.87	-13	Vertical
2534.11	-44.50	-13	Vertical
2575.89	-44.33	-13	Vertical
8960.83	-39.18	-13	Vertical
9972.85	-36.56	-13	Vertical

LTE band 28

Test result:

Channel 27310

Frequency (MHz)	Power (dBm)	Limited (dBm)	Polarization
1648.07	-53.33	-13	Vertical
1667.33	-51.08	-13	Vertical
2532.95	-44.64	-13	Vertical
2576.22	-43.69	-13	Vertical
8964.71	-39.97	-13	Vertical
9969.88	-36.17	-13	Vertical

Channel 27460

Frequency (MHz)	Power (dBm)	Limited (dBm)	Polarization
1648.35	-53.35	-13	Vertical
1666.53	-51.50	-13	Vertical
2534.04	-44.71	-13	Vertical
2579.00	-44.57	-13	Vertical
8962.95	-39.50	-13	Vertical
9973.59	-36.74	-13	Vertical

Channel 27560

Frequency (MHz)	Power (dBm)	Limited (dBm)	Polarization
1647.06	-53.23	-13	Vertical
1666.56	-51.55	-13	Vertical
2536.30	-44.23	-13	Vertical
2578.15	-43.97	-13	Vertical
8961.92	-39.48	-13	Vertical
9973.15	-36.44	-13	Vertical

LTE band 38

Test result:

Channel 37850

Frequency (MHz)	Power (dBm)	Limited (dBm)	Polarization
2461.35	-48.53	-13	Vertical
2780.12	-47.35	-13	Vertical
3726.81	-40.57	-13	Vertical
6676.87	-39.41	-13	Vertical
9961.79	-37.72	-13	Vertical
17819.38	-33.49	-13	Vertical

Channel 38000

Frequency (MHz)	Power (dBm)	Limited (dBm)	Polarization
2457.79	-48.88	-13	Vertical
2781.03	-47.71	-13	Vertical
3728.25	-41.12	-13	Vertical
6675.58	-39.51	-13	Vertical
9962.32	-37.42	-13	Vertical
17820.98	-33.60	-13	Vertical

Channel 38150

Frequency (MHz)	Power (dBm)	Limited (dBm)	Polarization
2459.83	-48.57	-13	Vertical
2780.27	-46.94	-13	Horizontal
3725.60	-40.46	-13	Vertical
6677.24	-39.66	-13	Vertical
9960.68	-36.95	-13	Vertical
17822.23	-34.17	-13	Vertical

LTE band 40

Test result:

Channel 38725

Frequency (MHz)	Power (dBm)	Limited (dBm)	Polarization
2460.08	-49.27	-13	Vertical
2779.29	-47.09	-13	Vertical
3725.73	-40.40	-13	Vertical
6678.29	-39.35	-13	Vertical
9960.35	-36.78	-13	Vertical
17820.31	-34.12	-13	Vertical

Channel 38750

Frequency (MHz)	Power (dBm)	Limited (dBm)	Polarization
2461.25	-49.23	-13	Vertical
2779.63	-47.14	-13	Vertical
3728.38	-40.46	-13	Vertical
6675.81	-39.62	-13	Vertical
9962.83	-36.87	-13	Vertical
17819.57	-33.85	-13	Vertical

Channel 38775

Frequency (MHz)	Power (dBm)	Limited (dBm)	Polarization
2461.17	-48.82	-13	Vertical
2778.77	-47.68	-13	Horizontal
3727.87	-41.15	-13	Vertical
6678.44	-40.13	-13	Vertical
9960.76	-37.20	-13	Vertical
17820.71	-34.24	-13	Vertical

Channel 39175

Frequency (MHz)	Power (dBm)	Limited (dBm)	Polarization
2459.70	-49.34	-13	Vertical
2778.68	-47.30	-13	Vertical
3726.91	-41.30	-13	Vertical
6678.28	-39.95	-13	Vertical
9961.94	-37.71	-13	Vertical
17820.07	-33.61	-13	Vertical

Channel 39200

Frequency (MHz)	Power (dBm)	Limited (dBm)	Polarization
2460.37	-48.80	-13	Vertical
2780.04	-47.61	-13	Vertical
3726.22	-40.61	-13	Vertical
6678.79	-39.31	-13	Vertical
9962.83	-37.04	-13	Vertical
17818.73	-34.31	-13	Vertical

Channel 39225

Frequency (MHz)	Power (dBm)	Limited (dBm)	Polarization
2460.08	-49.20	-13	Vertical
2781.75	-47.11	-13	Horizontal
3727.94	-40.82	-13	Vertical
6677.36	-39.85	-13	Vertical
9962.86	-37.70	-13	Vertical
17821.88	-33.58	-13	Vertical

LTE band 41

Test result:

Channel 40340

Frequency (MHz)	Power (dBm)	Limited (dBm)	Polarization
2459.79	-49.00	-25	Vertical
2780.71	-47.83	-25	Vertical
3725.05	-40.38	-25	Vertical
6675.99	-39.52	-25	Vertical
9963.39	-37.23	-25	Vertical
17820.21	-34.10	-25	Vertical

Channel 40740

Frequency (MHz)	Power (dBm)	Limited (dBm)	Polarization
2458.77	-49.43	-25	Vertical
2779.12	-47.12	-25	Vertical
3725.10	-41.00	-25	Vertical
6678.73	-39.79	-25	Vertical
9963.22	-37.45	-25	Vertical
17820.59	-33.73	-25	Vertical

Channel 41140

Frequency (MHz)	Power (dBm)	Limited (dBm)	Polarization
2459.50	-49.31	-25	Vertical
2779.74	-47.16	-25	Vertical
3724.88	-40.54	-25	Vertical
6677.06	-39.50	-25	Vertical
9960.87	-37.25	-25	Vertical
17819.21	-34.19	-25	Vertical

LTE band 66

Test result:

Channel 132072

Frequency (MHz)	Power (dBm)	Limited (dBm)	Polarization
2458.40	-48.80	-13	Vertical
2779.31	-47.53	-13	Vertical
3727.34	-41.22	-13	Vertical
6675.76	-39.62	-13	Vertical
9962.65	-37.54	-13	Vertical
17820.01	-33.99	-13	Vertical

Channel 132322

Frequency (MHz)	Power (dBm)	Limited (dBm)	Polarization
2457.97	-49.20	-13	Vertical
2781.84	-47.39	-13	Vertical
3725.78	-40.85	-13	Vertical
6678.86	-39.66	-13	Vertical
9959.70	-37.55	-13	Vertical
17821.35	-34.16	-13	Vertical

Channel 132572

Frequency (MHz)	Power (dBm)	Limited (dBm)	Polarization
2459.40	-49.04	-13	Vertical
2778.55	-47.25	-13	Vertical
3725.93	-40.97	-13	Vertical
6677.98	-39.93	-13	Vertical
9959.70	-37.13	-13	Vertical
17819.81	-34.00	-13	Vertical

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