

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
2460.46	-48.54	-13	Vertical
2780.13	-47.61	-13	Vertical
3725.26	-41.21	-13	Vertical
6677.62	-40.03	-13	Vertical
9961.49	-37.75	-13	Vertical
17819.21	-34.19	-13	Vertical

Channel 18900

Frequency (MHz)	Power (dBm)	Limited (dBm)	Polarization
2460.90	-49.07	-13	Vertical
2780.22	-47.44	-13	Vertical
3726.28	-40.59	-13	Vertical
6675.43	-39.22	-13	Vertical
9962.73	-37.51	-13	Vertical
17819.94	-33.71	-13	Vertical

Channel 19100

Frequency (MHz)	Power (dBm)	Limited (dBm)	Polarization
2457.93	-48.61	-13	Vertical
2779.46	-47.33	-13	Vertical
3725.23	-40.87	-13	Vertical
6676.78	-39.96	-13	Vertical
9960.21	-37.05	-13	Vertical
17818.86	-33.72	-13	Vertical

LTE band 4

Test result:

Channel 20050

Frequency (MHz)	Power (dBm)	Limited (dBm)	Polarization
2459.25	-48.75	-13	Vertical
2778.32	-47.02	-13	Vertical
3726.63	-40.96	-13	Vertical
6677.77	-40.04	-13	Vertical
9961.67	-36.88	-13	Vertical
17819.65	-34.38	-13	Vertical

Channel 20175

Frequency (MHz)	Power (dBm)	Limited (dBm)	Polarization
2459.89	-48.92	-13	Vertical
2779.60	-47.09	-13	Vertical
3724.66	-41.29	-13	Vertical
6678.37	-40.08	-13	Vertical
9960.64	-37.63	-13	Vertical
17820.91	-33.57	-13	Vertical

Channel 20300

Frequency (MHz)	Power (dBm)	Limited (dBm)	Polarization
2460.94	-48.62	-13	Vertical
2780.52	-47.64	-13	Vertical
3727.33	-41.22	-13	Vertical
6678.19	-39.58	-13	Vertical
9962.08	-37.03	-13	Vertical
17821.31	-34.03	-13	Vertical

LTE band 5

Test result:

Channel 20450

Frequency (MHz)	Power (dBm)	Limited (dBm)	Polarization
1647.17	-52.60	-13	Vertical
1667.89	-51.32	-13	Vertical
2532.44	-44.73	-13	Vertical
2577.04	-44.44	-13	Vertical
8963.24	-39.60	-13	Vertical
9969.94	-36.22	-13	Vertical

Channel 20525

Frequency (MHz)	Power (dBm)	Limited (dBm)	Polarization
1650.16	-53.45	-13	Vertical
1667.17	-51.32	-13	Vertical
2532.75	-44.36	-13	Vertical
2575.63	-43.84	-13	Vertical
8962.30	-39.08	-13	Vertical
9971.02	-36.82	-13	Vertical

Channel 20600

Frequency (MHz)	Power (dBm)	Limited (dBm)	Polarization
1649.70	-53.00	-13	Vertical
1665.33	-51.18	-13	Vertical
2533.84	-44.69	-13	Vertical
2575.30	-44.14	-13	Vertical
8961.21	-39.69	-13	Vertical
9973.23	-36.07	-13	Vertical

LTE band 7

Test result:

Channel 20850

Frequency (MHz)	Power (dBm)	Limited (dBm)	Polarization
2458.18	-48.89	-25	Vertical
2781.88	-47.34	-25	Vertical
3726.28	-40.68	-25	Vertical
6677.18	-40.09	-25	Vertical
9963.19	-37.72	-25	Vertical
17820.64	-33.70	-25	Vertical

Channel 21100

Frequency (MHz)	Power (dBm)	Limited (dBm)	Polarization
2458.90	-48.69	-25	Vertical
2780.15	-47.22	-25	Vertical
3728.23	-41.19	-25	Vertical
6676.65	-39.46	-25	Vertical
9960.56	-37.30	-25	Vertical
17821.74	-33.73	-25	Vertical

Channel 21350

Frequency (MHz)	Power (dBm)	Limited (dBm)	Polarization
2460.85	-49.26	-25	Vertical
2778.88	-47.29	-25	Vertical
3727.26	-40.35	-25	Vertical
6677.29	-39.55	-25	Vertical
9960.74	-37.14	-25	Vertical
17820.51	-33.75	-25	Vertical

LTE band 12

Test result:

Channel 23060

Frequency (MHz)	Power (dBm)	Limited (dBm)	Polarization
1647.31	-52.52	-13	Vertical
1667.27	-51.70	-13	Vertical
2534.64	-44.65	-13	Vertical
2575.46	-44.16	-13	Vertical
8963.37	-39.57	-13	Vertical
9969.68	-36.14	-13	Vertical

Channel 23095

Frequency (MHz)	Power (dBm)	Limited (dBm)	Polarization
1646.63	-52.57	-13	Vertical
1667.41	-51.53	-13	Vertical
2533.01	-44.46	-13	Vertical
2577.26	-44.01	-13	Vertical
8964.65	-39.34	-13	Vertical
9970.29	-36.41	-13	Vertical

Channel 23130

Frequency (MHz)	Power (dBm)	Limited (dBm)	Polarization
1648.37	-53.46	-13	Vertical
1668.02	-51.44	-13	Vertical
2532.61	-44.79	-13	Vertical
2577.03	-44.56	-13	Vertical
8961.47	-39.41	-13	Vertical
9970.67	-36.50	-13	Vertical

LTE band 13

Test result:
Channel 23205

Frequency (MHz)	Power (dBm)	Limited (dBm)	Polarization
1646.63	-52.63	-13	Vertical
1666.59	-51.23	-13	Vertical
2535.32	-44.79	-13	Vertical
2578.51	-44.10	-13	Vertical
8961.48	-39.97	-13	Vertical
9970.05	-36.42	-13	Vertical

Channel 23230

Frequency (MHz)	Power (dBm)	Limited (dBm)	Polarization
1649.73	-53.03	-13	Vertical
1666.29	-50.86	-13	Vertical
2533.92	-44.06	-13	Vertical
2575.96	-43.72	-13	Vertical
8963.16	-39.14	-13	Vertical
9973.57	-36.61	-13	Vertical

Channel 23255

Frequency (MHz)	Power (dBm)	Limited (dBm)	Polarization
1649.72	-53.06	-13	Vertical
1665.37	-51.73	-13	Vertical
2533.19	-44.27	-13	Vertical
2577.33	-44.61	-13	Vertical
8960.97	-39.55	-13	Vertical
9973.37	-36.27	-13	Vertical

LTE band 17

Test result:
Channel 23780

Frequency (MHz)	Power (dBm)	Limited (dBm)	Polarization
1648.31	-52.63	-13	Vertical
1668.55	-51.13	-13	Vertical
2532.72	-44.67	-13	Vertical
2576.26	-43.79	-13	Vertical
8964.24	-39.68	-13	Vertical
9970.86	-36.82	-13	Vertical

Channel 23790

Frequency (MHz)	Power (dBm)	Limited (dBm)	Polarization
1646.53	-53.24	-13	Vertical
1666.82	-50.96	-13	Vertical
2536.25	-44.22	-13	Vertical
2575.28	-43.66	-13	Vertical
8961.27	-39.12	-13	Vertical
9973.32	-36.07	-13	Vertical

Channel 23800

Frequency (MHz)	Power (dBm)	Limited (dBm)	Polarization
1647.20	-53.25	-13	Vertical
1664.92	-50.99	-13	Vertical
2533.98	-44.18	-13	Vertical
2576.06	-43.77	-13	Vertical
8963.40	-39.65	-13	Vertical
9973.14	-36.85	-13	Vertical

LTE band 38

Test result:

Channel 37850

Frequency (MHz)	Power (dBm)	Limited (dBm)	Polarization
2461.07	-49.01	-13	Vertical
2781.66	-46.88	-13	Vertical
3724.86	-40.65	-13	Vertical
6678.69	-39.47	-13	Vertical
9959.97	-37.41	-13	Vertical
17819.35	-33.49	-13	Vertical

Channel 38000

Frequency (MHz)	Power (dBm)	Limited (dBm)	Polarization
2460.83	-48.52	-13	Vertical
2781.87	-47.62	-13	Vertical
3725.11	-40.67	-13	Vertical
6676.52	-39.46	-13	Vertical
9962.77	-37.38	-13	Vertical
17821.12	-34.04	-13	Vertical

Channel 38150

Frequency (MHz)	Power (dBm)	Limited (dBm)	Polarization
2459.33	-49.28	-13	Vertical
2780.62	-46.97	-13	Horizontal
3724.55	-41.17	-13	Vertical
6675.34	-39.84	-13	Vertical
9959.49	-37.73	-13	Vertical
17821.89	-33.75	-13	Vertical

LTE band 66

Test result:

Channel 132072

Frequency (MHz)	Power (dBm)	Limited (dBm)	Polarization
2461.25	-48.59	-13	Vertical
2779.08	-47.40	-13	Vertical
3726.55	-41.05	-13	Vertical
6677.92	-39.86	-13	Vertical
9963.03	-37.46	-13	Vertical
17819.28	-34.16	-13	Vertical

Channel 132322

Frequency (MHz)	Power (dBm)	Limited (dBm)	Polarization
2459.09	-49.16	-13	Vertical
2780.14	-46.92	-13	Vertical
3726.79	-40.62	-13	Vertical
6675.07	-39.68	-13	Vertical
9961.73	-37.07	-13	Vertical
17821.69	-34.31	-13	Vertical

Channel 132572

Frequency (MHz)	Power (dBm)	Limited (dBm)	Polarization
2460.28	-49.16	-13	Vertical
2780.33	-47.15	-13	Vertical
3724.98	-40.36	-13	Vertical
6677.23	-39.70	-13	Vertical
9961.24	-37.15	-13	Vertical
17821.49	-33.85	-13	Vertical

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