

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
2458.98	-49.47	-13	Vertical
2778.53	-47.13	-13	Vertical
3726.45	-41.08	-13	Vertical
6675.80	-39.34	-13	Vertical
9959.97	-37.01	-13	Vertical
17819.52	-34.31	-13	Vertical

Channel 18900

Frequency (MHz)	Power (dBm)	Limited (dBm)	Polarization
2458.31	-48.65	-13	Vertical
2779.78	-47.70	-13	Vertical
3727.62	-40.90	-13	Vertical
6676.92	-39.93	-13	Vertical
9959.83	-37.22	-13	Vertical
17821.86	-33.67	-13	Vertical

Channel 19100

Frequency (MHz)	Power (dBm)	Limited (dBm)	Polarization
2460.00	-49.01	-13	Vertical
2780.33	-47.65	-13	Vertical
3727.23	-41.18	-13	Vertical
6676.45	-39.30	-13	Vertical
9960.92	-36.99	-13	Vertical
17822.33	-33.86	-13	Vertical

LTE band 4

Test result:

Channel 20050

Frequency (MHz)	Power (dBm)	Limited (dBm)	Polarization
2458.53	-48.81	-13	Vertical
2781.04	-47.85	-13	Vertical
3724.65	-40.70	-13	Vertical
6675.50	-39.23	-13	Vertical
9960.47	-37.75	-13	Vertical
17821.75	-34.14	-13	Vertical

Channel 20175

Frequency (MHz)	Power (dBm)	Limited (dBm)	Polarization
2460.30	-49.29	-13	Vertical
2778.47	-47.57	-13	Vertical
3727.27	-40.58	-13	Vertical
6676.65	-39.67	-13	Vertical
9962.76	-36.92	-13	Vertical
17821.20	-34.14	-13	Vertical

Channel 20300

Frequency (MHz)	Power (dBm)	Limited (dBm)	Polarization
2459.17	-49.40	-13	Vertical
2780.00	-47.81	-13	Vertical
3724.68	-40.94	-13	Vertical
6677.50	-39.26	-13	Vertical
9959.50	-36.78	-13	Vertical
17819.68	-33.80	-13	Vertical

LTE band 5

Test result:

Channel 20450

Frequency (MHz)	Power (dBm)	Limited (dBm)	Polarization
1650.01	-52.76	-13	Vertical
1667.86	-51.37	-13	Vertical
2534.18	-44.70	-13	Vertical
2578.34	-43.70	-13	Vertical
8962.21	-39.30	-13	Vertical
9972.16	-36.10	-13	Vertical

Channel 20525

Frequency (MHz)	Power (dBm)	Limited (dBm)	Polarization
1649.59	-52.89	-13	Vertical
1667.35	-51.71	-13	Vertical
2532.47	-44.24	-13	Vertical
2578.46	-43.76	-13	Vertical
8961.08	-39.03	-13	Vertical
9973.53	-36.68	-13	Vertical

Channel 20600

Frequency (MHz)	Power (dBm)	Limited (dBm)	Polarization
1648.79	-52.85	-13	Vertical
1665.34	-51.32	-13	Vertical
2536.09	-44.26	-13	Vertical
2578.11	-44.63	-13	Vertical
8961.52	-39.21	-13	Vertical
9972.14	-36.35	-13	Vertical

LTE band 7

Test result:

Channel 20850

Frequency (MHz)	Power (dBm)	Limited (dBm)	Polarization
2459.20	-49.43	-25	Vertical
2779.34	-47.13	-25	Vertical
3727.75	-40.62	-25	Vertical
6674.93	-39.63	-25	Vertical
9961.23	-36.87	-25	Vertical
17821.28	-33.92	-25	Vertical

Channel 21100

Frequency (MHz)	Power (dBm)	Limited (dBm)	Polarization
2460.17	-48.73	-25	Vertical
2780.11	-47.47	-25	Vertical
3727.38	-40.67	-25	Vertical
6676.71	-39.93	-25	Vertical
9963.31	-37.28	-25	Vertical
17818.80	-34.32	-25	Vertical

Channel 21350

Frequency (MHz)	Power (dBm)	Limited (dBm)	Polarization
2457.74	-49.39	-25	Vertical
2779.17	-47.39	-25	Vertical
3728.34	-40.51	-25	Vertical
6675.48	-39.95	-25	Vertical
9962.64	-37.64	-25	Vertical
17818.59	-33.96	-25	Vertical

LTE band 13
Test result:
Channel 23205

Frequency (MHz)	Power (dBm)	Limited (dBm)	Polarization
1559.00	-71.27	-40	Vertical
1564.00	-71.34	-40	Vertical
1569.00	-72.86	-40	Vertical
1646.56	-53.37	-13	Vertical
1666.23	-50.85	-13	Vertical
2535.90	-44.01	-13	Vertical
2575.48	-44.36	-13	Vertical
8961.86	-39.30	-13	Vertical
9972.43	-36.65	-13	Vertical

Channel 23230

Frequency (MHz)	Power (dBm)	Limited (dBm)	Polarization
1559.00	-71.61	-40	Vertical
1564.00	-71.21	-40	Vertical
1569.00	-71.58	-40	Vertical
1649.31	-53.40	-13	Vertical
1668.17	-51.09	-13	Vertical
2535.60	-43.91	-13	Vertical
2575.95	-44.56	-13	Vertical
8961.22	-39.24	-13	Vertical
9972.36	-36.48	-13	Vertical

Channel 23255

Frequency (MHz)	Power (dBm)	Limited (dBm)	Polarization
1559.00	-72.13	-40	Vertical
1564.00	-71.87	-40	Vertical
1569.00	-71.61	-40	Vertical
1650.45	-53.27	-13	Vertical
1664.89	-51.03	-13	Vertical
2535.63	-44.80	-13	Vertical
2576.26	-44.01	-13	Vertical
8962.39	-39.58	-13	Vertical
9970.71	-36.47	-13	Vertical

LTE band 26(824~849MHz)

Test result:

Channel 26865

Frequency (MHz)	Power (dBm)	Limited (dBm)	Polarization
1646.49	-53.13	-13	Vertical
1668.14	-50.85	-13	Vertical
2535.01	-43.92	-13	Vertical
2578.87	-44.00	-13	Vertical
8962.43	-39.67	-13	Vertical
9969.85	-36.02	-13	Vertical

Channel 26915

Frequency (MHz)	Power (dBm)	Limited (dBm)	Polarization
1649.73	-53.43	-13	Vertical
1668.09	-51.35	-13	Vertical
2535.05	-44.82	-13	Vertical
2578.09	-44.37	-13	Vertical
8962.89	-39.39	-13	Vertical
9971.28	-36.82	-13	Vertical

Channel 26965

Frequency (MHz)	Power (dBm)	Limited (dBm)	Polarization
1646.64	-52.72	-13	Vertical
1667.01	-50.77	-13	Vertical
2534.08	-44.56	-13	Vertical
2575.93	-44.39	-13	Vertical
8963.76	-40.01	-13	Vertical
9969.69	-36.14	-13	Vertical

LTE band 26(814~824MHz)

Test result:
Channel 26715

Frequency (MHz)	Power (dBm)	Limited (dBm)	Polarization
1646.86	-53.35	-13	Vertical
1667.03	-51.18	-13	Vertical
2534.73	-44.45	-13	Vertical
2575.53	-43.68	-13	Vertical
8962.36	-39.18	-13	Vertical
9973.18	-36.28	-13	Vertical

Channel 26740

Frequency (MHz)	Power (dBm)	Limited (dBm)	Polarization
1646.94	-52.67	-13	Vertical
1668.22	-51.06	-13	Vertical
2534.58	-44.66	-13	Vertical
2577.05	-44.24	-13	Vertical
8961.37	-39.33	-13	Vertical
9971.97	-36.69	-13	Vertical

Channel 26765

Frequency (MHz)	Power (dBm)	Limited (dBm)	Polarization
1649.42	-53.43	-13	Vertical
1667.24	-51.56	-13	Vertical
2533.20	-44.08	-13	Vertical
2577.81	-44.38	-13	Vertical
8961.14	-39.58	-13	Vertical
9973.14	-36.66	-13	Vertical

LTE band 28

Test result:

Channel 27310

Frequency (MHz)	Power (dBm)	Limited (dBm)	Polarization
1648.28	-52.51	-13	Vertical
1665.52	-51.67	-13	Vertical
2533.12	-44.03	-13	Vertical
2577.60	-44.13	-13	Vertical
8961.43	-39.53	-13	Vertical
9969.84	-36.06	-13	Vertical

Channel 27460

Frequency (MHz)	Power (dBm)	Limited (dBm)	Polarization
1646.93	-52.99	-13	Vertical
1667.99	-50.96	-13	Vertical
2535.58	-44.22	-13	Vertical
2579.17	-43.87	-13	Vertical
8964.57	-39.48	-13	Vertical
9970.58	-36.37	-13	Vertical

Channel 27560

Frequency (MHz)	Power (dBm)	Limited (dBm)	Polarization
1648.52	-53.39	-13	Vertical
1668.73	-51.04	-13	Vertical
2535.42	-43.90	-13	Vertical
2577.20	-44.21	-13	Vertical
8962.43	-39.11	-13	Vertical
9971.53	-36.12	-13	Vertical

LTE band 38

Test result:

Channel 37850

Frequency (MHz)	Power (dBm)	Limited (dBm)	Polarization
2459.40	-49.25	-25	Vertical
2779.26	-47.13	-25	Vertical
3728.13	-40.38	-25	Vertical
6676.44	-39.83	-25	Vertical
9963.29	-37.43	-25	Vertical
17820.66	-33.45	-25	Vertical

Channel 38000

Frequency (MHz)	Power (dBm)	Limited (dBm)	Polarization
2460.38	-49.00	-25	Vertical
2779.61	-46.96	-25	Vertical
3725.13	-41.04	-25	Vertical
6678.11	-39.73	-25	Vertical
9960.08	-36.93	-25	Vertical
17820.93	-33.94	-25	Vertical

Channel 38150

Frequency (MHz)	Power (dBm)	Limited (dBm)	Polarization
2459.53	-49.35	-25	Vertical
2779.82	-47.39	-25	Horizontal
3728.33	-40.90	-25	Vertical
6675.99	-39.33	-25	Vertical
9962.58	-37.44	-25	Vertical
17819.39	-33.69	-25	Vertical

LTE band 66

Test result:

Channel 132072

Frequency (MHz)	Power (dBm)	Limited (dBm)	Polarization
2460.23	-49.07	-13	Vertical
2778.20	-47.42	-13	Vertical
3724.95	-40.59	-13	Vertical
6678.80	-40.08	-13	Vertical
9960.07	-37.77	-13	Vertical
17818.83	-33.75	-13	Vertical

Channel 132322

Frequency (MHz)	Power (dBm)	Limited (dBm)	Polarization
2459.65	-49.13	-13	Vertical
2779.04	-47.82	-13	Vertical
3726.77	-40.56	-13	Vertical
6675.51	-39.54	-13	Vertical
9961.38	-36.99	-13	Vertical
17821.82	-33.57	-13	Vertical

Channel 132572

Frequency (MHz)	Power (dBm)	Limited (dBm)	Polarization
2460.07	-48.73	-13	Vertical
2778.78	-47.52	-13	Vertical
3726.82	-41.06	-13	Vertical
6677.51	-39.71	-13	Vertical
9962.86	-36.79	-13	Vertical
17820.00	-34.29	-13	Vertical

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