



APPENDIX B – TEST DATA OF RADIATED EMISSION

Radiated Spurious Emissions

Note1: The worst channel results are reflected in the report.

Note2: The following test data represents the maximum of both horizontal and vertical polarizations and is not a single horizontal or vertical polarization scan.

Note3: The worst antenna results are reflected in the report.

Note4: As stated in 5.5.1 of ANSI C63.26-2015, the field strength measurement method using a test site validated to the requirements of ANSI C63.4 is an alternative to the substitution measurement method, and therefore, no test plot will show

Note5: The measurement range is to the tenth harmonic of the highest fundamental frequency

LTE band 2

Test result:

ANT2 Channel : 18900

Frequency (MHz)	Power (dBm)	Limited (dBm)	Polarization
1488.60	-77.24	-13.00	Vertical
2015.00	-82.04	-13.00	Vertical
2413.94	-76.34	-13.00	Vertical
3126.00	-83.42	-13.00	Vertical
3594.00	-81.11	-13.00	Vertical
4515.00	-88.53	-13.00	Vertical

LTE band 4

Test result:

ANT2 Channel: 20175

Frequency (MHz)	Power (dBm)	Limited (dBm)	Polarization
1177.80	-80.90	-13.00	Vertical
1495.60	-77.14	-13.00	Vertical
1758.80	-75.57	-13.00	Vertical
3096.00	-83.18	-13.00	Vertical
3582.00	-81.02	-13.00	Vertical
4533.00	-88.31	-13.00	Vertical

LTE band 5

Test result:

ANT0 Channel : 20525

Frequency (MHz)	Power (dBm)	Limited (dBm)	Polarization
1211.40	-81.06	-13.00	Vertical



1761.60	-74.25	-13.00	Vertical
2401.34	-76.84	-13.00	Vertical
3147.00	-83.44	-13.00	Vertical
3588.00	-80.99	-13.00	Vertical
4665.00	-87.77	-13.00	Vertical

LTE band 7

Test result:

ANT2 Channel : 21100

Frequency (MHz)	Power (dBm)	Limited (dBm)	Polarization
1172.20	-80.68	-25.00	Vertical
1546.00	-77.97	-25.00	Vertical
2234.80	-82.59	-25.00	Vertical
3120.00	-83.04	-25.00	Vertical
3570.00	-81.16	-25.00	Vertical
4275.00	-89.29	-25.00	Vertical

LTE band 12

Test result:

ANT0 Channel : 23095

Frequency (MHz)	Power (dBm)	Limited (dBm)	Polarization
1148.40	-80.85	-13.00	Vertical
1410.20	-73.02	-13.00	Vertical
2426.72	-77.93	-13.00	Vertical
3153.00	-83.47	-13.00	Vertical
3561.00	-80.93	-13.00	Vertical
4683.00	-87.80	-13.00	Vertical

LTE band 13

Test result:

ANT0 Channel : 23230

Frequency (MHz)	Power (dBm)	Limited (dBm)	Polarization
1138.60	-81.14	-13.00	Vertical
1737.80	-72.78	-13.00	Vertical
2402.84	-76.79	-13.00	Vertical
3090.00	-83.13	-13.00	Vertical
3570.00	-80.90	-13.00	Vertical
4638.00	-87.67	-13.00	Vertical



LTE band 14

Test result:

ANT0 Channel : 23330

Frequency (MHz)	Power (dBm)	Limited (dBm)	Polarization
1149.80	-80.49	-13.00	Vertical
1523.60	-77.35	-13.00	Vertical
2323.00	-80.43	-13.00	Vertical
3117.00	-82.93	-13.00	Vertical
3534.00	-80.90	-13.00	Vertical
4590.00	-88.14	-13.00	Vertical

LTE band 17

Test result:

ANT0 Channel : 23790

Frequency (MHz)	Power (dBm)	Limited (dBm)	Polarization
1184.80	-80.84	-13.00	Vertical
1415.80	-72.50	-13.00	Vertical
1739.20	-74.15	-13.00	Vertical
3159.00	-83.47	-13.00	Vertical
3570.00	-81.25	-13.00	Vertical
4692.00	-87.45	-13.00	Vertical

LTE band 25

Test result:

ANT2 Channel: 26365

Frequency (MHz)	Power (dBm)	Limited (dBm)	Polarization
1147.00	-80.66	-13.00	Vertical
1467.60	-77.46	-13.00	Vertical
2418.45	-71.96	-13.00	Vertical
3102.00	-82.88	-13.00	Vertical
3522.00	-81.05	-13.00	Vertical
3759.00	-71.95	-13.00	Vertical

LTE band 26

Test result

ANT0 Channel : 26865

Frequency (MHz)	Power (dBm)	Limited (dBm)	Polarization
1190.40	-81.00	-13.00	Vertical
1744.80	-79.64	-13.00	Vertical
2417.62	-70.68	-13.00	Vertical
3120.00	-83.14	-13.00	Vertical
3513.00	-81.20	-13.00	Vertical
4683.00	-87.66	-13.00	Vertical



LTE band 30

Test result

ANT2 Channel : 27710

Frequency (MHz)	Power (dBm)	Limited (dBm)	Polarization
1134.40	-81.43	-13.00	Vertical
1519.40	-77.16	-13.00	Vertical
1736.40	-67.27	-13.00	Vertical
3120.00	-83.04	-13.00	Vertical
3582.00	-81.16	-13.00	Vertical
4617.00	-69.27	-13.00	Vertical

LTE band 38

Test result:

ANT0 Channel : 38000

Frequency (MHz)	Power (dBm)	Limited (dBm)	Polarization
1481.60	-77.14	-25	Vertical
1742.00	-74.07	-25	Vertical
2419.62	-73.86	-25	Vertical
3111.00	-83.06	-25	Vertical
3552.00	-81.03	-25	Vertical
4674.00	-87.46	-25	Vertical

LTE band 41

Test result:

ANT0 Channel : 40620

Frequency (MHz)	Power (dBm)	Limited (dBm)	Polarization
1144.20	-81.13	-25	Vertical
1525.00	-77.27	-25	Vertical
2401.25	-77.75	-25	Horizontal
3105.00	-83.23	-25	Vertical
3534.00	-81.17	-25	Vertical
4710.00	-87.65	-25	Vertical

LTE band 42

Test result

ANT2 Channel : 42590

Frequency (MHz)	Power (dBm)	Limited (dBm)	Polarization
1159.60	-80.82	-13.00	Vertical
1502.60	-76.99	-13.00	Vertical
1961.80	-80.73	-13.00	Vertical
3144.00	-83.45	-13.00	Vertical



3591.00	-81.01	-13.00	Vertical
4668.00	-87.58	-13.00	Vertical

LTE band 43

Test result

ANT2 Channel : 44590

Frequency (MHz)	Power (dBm)	Limited (dBm)	Polarization
1166.60	-80.78	-13.00	Vertical
1473.20	-77.36	-13.00	Vertical
1957.60	-81.02	-13.00	Vertical
3078.00	-83.00	-13.00	Vertical
3528.00	-80.96	-13.00	Vertical
4671.00	-87.49	-13.00	Vertical

LTE band 48

Test result

ANT2 Channel : 55990

Frequency (MHz)	Power (dBm)	Limited (dBm)	Polarization
1648.99	-82.61	-40.00	Vertical
1666.04	-70.87	-40.00	Vertical
2535.94	-74.01	-40.00	Vertical
3377.61	-74.16	-40.00	Vertical
3961.86	-70.63	-40.00	Vertical
4970.30	-80.65	-40.00	Vertical

LTE band 66

Test result

ANT2 Channel : 132322

Frequency (MHz)	Power (dBm)	Limited (dBm)	Polarization
1149.80	-80.81	-13.00	Vertical
1548.80	-77.88	-13.00	Vertical
1957.60	-80.73	-13.00	Vertical
3090.00	-83.19	-13.00	Vertical
3597.00	-81.06	-13.00	Vertical
4428.00	-88.92	-13.00	Vertical

LTE band 71

Test result

ANT0 Channel : 133297

Frequency (MHz)	Power (dBm)	Limited (dBm)	Polarization
1170.80	-80.70	-13.00	Vertical
1515.20	-77.27	-13.00	Vertical



1961.80	-80.11	-13.00	Vertical
3108.00	-82.99	-13.00	Vertical
3561.00	-81.14	-13.00	Vertical
4623.00	-87.97	-13.00	Vertical

Radiated Spurious Emissions for CA Band

LTE band CA_2C

Test result

ANT2 Channel : 18900

Frequency (MHz)	Power (dBm)	Limited (dBm)	Polarization
1180.60	-80.68	-13.00	Vertical
1511.00	-77.29	-13.00	Vertical
2405.26	-68.62	-13.00	Vertical
3120.00	-83.14	-13.00	Vertical
3561.00	-80.92	-13.00	Vertical
3756.00	-69.71	-13.00	Vertical

LTE band CA_5B

Test result

ANT0 Channel : 20525

Frequency (MHz)	Power (dBm)	Limited (dBm)	Polarization
1141.40	-81.02	-13.00	Vertical
1508.20	-77.21	-13.00	Vertical
2414.95	-74.37	-13.00	Vertical
3144.00	-83.46	-13.00	Vertical
3555.00	-80.82	-13.00	Vertical
4731.00	-88.25	-13.00	Vertical

LTE band CA_7C

Test result

ANT2 Channel : 21100

Frequency (MHz)	Power (dBm)	Limited (dBm)	Polarization
1159.60	-80.60	-25.00	Vertical
1484.40	-77.38	-25.00	Vertical
1760.20	-77.25	-25.00	Vertical
3147.00	-83.33	-25.00	Vertical
3591.00	-80.97	-25.00	Vertical
5064.00	-76.03	-25.00	Vertical



LTE band CA_38C

Test result

ANT0 Channel : 38000

Frequency (MHz)	Power (dBm)	Limited (dBm)	Polarization
1166.60	-80.78	-25	Vertical
1534.80	-77.47	-25	Vertical
2425.80	-77.37	-25	Vertical
3105.00	-83.11	-25	Vertical
3576.00	-81.22	-25	Vertical
4629.00	-87.82	-25	Vertical

LTE band CA_41C

Test result

ANT0 Channel : 40620

Frequency (MHz)	Power (dBm)	Limited (dBm)	Polarization
1175.00	-80.72	-25	Vertical
1492.80	-76.94	-25	Vertical
1782.60	-82.97	-25	Vertical
3117.00	-83.02	-25	Vertical
3597.00	-81.19	-25	Vertical
4539.00	-88.41	-25	Vertical

LTE band CA_42C

Test result

ANT0 Channel : 42590

Frequency (MHz)	Power (dBm)	Limited (dBm)	Polarization
1130.20	-81.76	-13	Vertical
1515.20	-77.33	-13	Vertical
2191.40	-82.76	-13	Vertical
3135.00	-83.20	-13	Vertical
3591.00	-80.95	-13	Vertical
4704.00	-87.52	-13	Vertical

LTE band CA_43C

Test result

ANT0 Channel : 44590

Frequency (MHz)	Power (dBm)	Limited (dBm)	Polarization
1155.40	-80.66	-13	Vertical
1511.00	-77.40	-13	Vertical
1749.00	-80.00	-13	Vertical



3111.00	-82.85	-13	Vertical
3588.00	-81.25	-13	Vertical
4716.00	-87.81	-13	Vertical

LTE band CA_48C

Test result

ANT0 Channel : 44590

Frequency (MHz)	Power (dBm)	Limited (dBm)	Polarization
1125.03	-76.43	-40	Vertical
1498.01	-75.33	-40	Vertical
2417.26	-76.55	-40	Vertical
3021.17	-81.44	-40	Vertical
3689.01	-79.41	-40	Vertical
4687.23	-86.55	-40	Vertical

LTE band CA_66B

Test result

ANT2 Channel : 132322

Frequency (MHz)	Power (dBm)	Limited (dBm)	Polarization
1170.80	-80.95	-13.00	Vertical
1490.00	-76.95	-13.00	Vertical
1747.60	-80.00	-13.00	Vertical
3105.00	-83.19	-13.00	Vertical
3555.00	-80.94	-13.00	Vertical
4704.00	-87.54	-13.00	Vertical

LTE band CA_66C

Test result

ANT2 Channel : 132322

Frequency (MHz)	Power (dBm)	Limited (dBm)	Polarization
1172.20	-80.78	-13.00	Vertical
1530.60	-77.53	-13.00	Vertical
2180.20	-83.29	-13.00	Vertical
3111.00	-83.16	-13.00	Vertical
3540.00	-81.06	-13.00	Vertical
4683.00	-87.70	-13.00	Vertical

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