



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
1467.60	-77.66	-13.00	Vertical
1956.20	-81.54	-13.00	Vertical
2402.42	-74.80	-13.00	Vertical
3129.00	-83.28	-13.00	Vertical
3525.00	-81.51	-13.00	Vertical
4713.00	-87.88	-13.00	Vertical

LTE band 4

Test result:

ANT2 Channel: 20175

Frequency (MHz)	Power (dBm)	Limited (dBm)	Polarization
1142.80	-81.17	-13.00	Vertical
1474.60	-77.35	-13.00	Vertical
2434.24	-73.71	-13.00	Vertical
3099.00	-83.24	-13.00	Vertical
3582.00	-81.44	-13.00	Vertical
4668.00	-87.78	-13.00	Vertical

LTE band 5

Test result:

ANT0 Channel : 20525

Frequency (MHz)	Power (dBm)	Limited (dBm)	Polarization
1536.20	-77.81	-13.00	Vertical



1749.00	-78.43	-13.00	Vertical
2356.60	-79.24	-13.00	Vertical
3183.00	-83.92	-13.00	Vertical
3567.00	-81.21	-13.00	Vertical
4659.00	-87.86	-13.00	Vertical

LTE band 7

Test result:

ANT2 Channel : 21100

Frequency (MHz)	Power (dBm)	Limited (dBm)	Polarization
1428.40	-78.74	-25.00	Vertical
1746.20	-81.86	-25.00	Vertical
2420.21	-76.48	-25.00	Vertical
3090.00	-83.33	-25.00	Vertical
3498.00	-81.23	-25.00	Vertical
4638.00	-87.62	-25.00	Vertical

LTE band 12

Test result:

ANT0 Channel : 23095

Frequency (MHz)	Power (dBm)	Limited (dBm)	Polarization
1166.60	-80.98	-13.00	Vertical
1502.60	-77.21	-13.00	Vertical
2460.12	-77.23	-13.00	Vertical
3135.00	-83.36	-13.00	Vertical
3552.00	-81.28	-13.00	Vertical
4515.00	-88.86	-13.00	Vertical

LTE band 13

Test result:

ANT0 Channel : 23230

Frequency (MHz)	Power (dBm)	Limited (dBm)	Polarization
1464.80	-77.64	-13.00	Vertical
1758.80	-77.44	-13.00	Vertical
2408.35	-75.54	-13.00	Vertical
3105.00	-83.21	-13.00	Vertical
3498.00	-81.35	-13.00	Vertical
5049.00	-86.82	-13.00	Vertical



LTE band 14

Test result:

ANT0 Channel : 23330

Frequency (MHz)	Power (dBm)	Limited (dBm)	Polarization
1480.20	-77.52	-13.00	Vertical
1760.20	-75.90	-13.00	Vertical
2441.42	-75.07	-13.00	Vertical
3102.00	-83.24	-13.00	Vertical
3555.00	-81.24	-13.00	Vertical
4632.00	-88.03	-13.00	Vertical

LTE band 17

Test result:

ANT0 Channel : 23790

Frequency (MHz)	Power (dBm)	Limited (dBm)	Polarization
1138.60	-81.32	-13.00	Vertical
1512.40	-77.29	-13.00	Vertical
2401.42	-77.31	-13.00	Vertical
3150.00	-83.44	-13.00	Vertical
3513.00	-81.53	-13.00	Vertical
5247.00	-85.76	-13.00	Vertical

LTE band 25

Test result:

ANT2 Channel: 26365

Frequency (MHz)	Power (dBm)	Limited (dBm)	Polarization
1137.20	-81.44	-13.00	Vertical
1400.40	-79.42	-13.00	Vertical
2434.57	-77.18	-13.00	Vertical
3084.00	-83.31	-13.00	Vertical
3570.00	-81.14	-13.00	Vertical
4740.00	-88.24	-13.00	Vertical

LTE band 26

Test result

ANT0 Channel : 26865

Frequency (MHz)	Power (dBm)	Limited (dBm)	Polarization
1491.40	-77.19	-13.00	Vertical
1753.20	-77.84	-13.00	Vertical
2434.99	-75.75	-13.00	Vertical
3078.00	-83.36	-13.00	Vertical
3579.00	-81.13	-13.00	Vertical
4701.00	-87.57	-13.00	Vertical



LTE band 30

Test result

ANT2 Channel : 27710

Frequency (MHz)	Power (dBm)	Limited (dBm)	Polarization
1162.40	-80.83	-13.00	Vertical
1406.00	-79.12	-13.00	Vertical
1763.00	-77.98	-13.00	Vertical
3099.00	-83.25	-13.00	Vertical
3591.00	-80.98	-13.00	Vertical
4665.00	-87.72	-13.00	Vertical

LTE band 38

Test result:

ANT0 Channel : 38000

Frequency (MHz)	Power (dBm)	Limited (dBm)	Polarization
1179.20	-80.98	-25	Vertical
1530.60	-77.87	-25	Vertical
2406.26	-77.93	-25	Vertical
3129.00	-83.30	-25	Vertical
3594.00	-81.00	-25	Vertical
4677.00	-87.59	-25	Vertical

LTE band 41

Test result:

ANT0 Channel : 40620

Frequency (MHz)	Power (dBm)	Limited (dBm)	Polarization
1483.00	-77.38	-25	Vertical
1761.60	-78.70	-25	Vertical
2405.76	-76.03	-25	Horizontal
3108.00	-83.07	-25	Vertical
3573.00	-81.16	-25	Vertical
4617.00	-87.94	-25	Vertical

LTE band 42

Test result

ANT2 Channel : 42590

Frequency (MHz)	Power (dBm)	Limited (dBm)	Polarization
1170.80	-80.88	-13.00	Vertical
1386.40	-79.75	-13.00	Vertical
2409.02	-74.11	-13.00	Vertical
3132.00	-83.41	-13.00	Vertical



3573.00	-81.12	-13.00	Vertical
4710.00	-87.92	-13.00	Vertical

LTE band 43

Test result

ANT2 Channel : 44590

Frequency (MHz)	Power (dBm)	Limited (dBm)	Polarization
1149.80	-80.62	-13.00	Vertical
1508.20	-77.22	-13.00	Vertical
2453.11	-78.77	-13.00	Vertical
3156.00	-83.57	-13.00	Vertical
3546.00	-81.22	-13.00	Vertical
4662.00	-88.04	-13.00	Vertical

LTE band 48

Test result

ANT2 Channel : 55990

Frequency (MHz)	Power (dBm)	Limited (dBm)	Polarization
1149.80	-80.62	-40.00	Vertical
1508.20	-77.22	-40.00	Vertical
2453.11	-78.77	-40.00	Vertical
3069.00	-83.55	-40.00	Vertical
3561.00	-81.04	-40.00	Vertical
4725.00	-87.90	-40.00	Vertical

LTE band 66

Test result

ANT2 Channel : 132322

Frequency (MHz)	Power (dBm)	Limited (dBm)	Polarization
1093.80	-83.58	-13.00	Vertical
1518.00	-77.55	-13.00	Vertical
2435.24	-75.26	-13.00	Vertical
3216.00	-83.85	-13.00	Vertical
3501.00	-81.21	-13.00	Vertical
4530.00	-88.57	-13.00	Vertical

LTE band 71

Test result

ANT0 Channel : 133297

Frequency (MHz)	Power (dBm)	Limited (dBm)	Polarization
1148.40	-80.87	-13.00	Vertical
1536.20	-77.73	-13.00	Vertical



2406.76	-76.66	-13.00	Vertical
1148.40	-80.87	-13.00	Vertical
3159.00	-83.56	-13.00	Vertical
3492.00	-81.59	-13.00	Vertical
4716.00	-87.80	-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
1165.23	-80.44	-13.00	Vertical
1508.20	-76.72	-13.00	Vertical
2431.10	-78.78	-13.00	Vertical
3596.00	-80.62	-13.00	Vertical
3756.00	-88.02	-13.00	Vertical
4703.00	-87.85	-13.00	Vertical

LTE band CA_5B

Test result

ANT0 Channel : 20525

Frequency (MHz)	Power (dBm)	Limited (dBm)	Polarization
564.46	-89.35	-13.00	Vertical
662.53	-90.09	-13.00	Vertical
1000.00	-84.24	-13.00	Vertical
3595.00	-80.81	-13.00	Vertical
4192.00	-89.54	-13.00	Vertical
4693.00	-87.56	-13.00	Vertical

LTE band CA_7C

Test result

ANT2 Channel : 21100

Frequency (MHz)	Power (dBm)	Limited (dBm)	Polarization
1152.62	-80.52	-25.00	Vertical
1501.35	-76.53	-25.00	Vertical
2419.43	-78.42	-25.00	Vertical
3565.00	-80.97	-25.00	Vertical
4191.00	-89.34	-25.00	Vertical
4709.00	-87.52	-25.00	Vertical



LTE band CA_38C

Test result

ANT0 Channel : 38000

Frequency (MHz)	Power (dBm)	Limited (dBm)	Polarization
1163.00	-80.46	-25	Vertical
1523.62	-77.15	-25	Vertical
2442.00	-78.69	-25	Vertical
3597.00	-80.80	-25	Vertical
4206.00	-89.37	-25	Vertical
4698.00	-87.69	-25	Vertical

LTE band CA_41C

Test result

ANT0 Channel : 40620

Frequency (MHz)	Power (dBm)	Limited (dBm)	Polarization
1176.42	-80.45	-25	Vertical
1513.83	-76.80	-25	Vertical
2395.50	-78.67	-25	Vertical
3593.00	-80.82	-25	Vertical
4226.00	-89.49	-25	Vertical
4668.00	-87.88	-25	Vertical

LTE band CA_42C

Test result

ANT0 Channel : 42590

Frequency (MHz)	Power (dBm)	Limited (dBm)	Polarization
1170.84	-80.88	-13	Vertical
1386.42	-79.75	-13	Vertical
2409.55	-74.11	-13	Vertical
3136.00	-83.43	-13	Vertical
3574.00	-81.15	-13	Vertical
4717.00	-87.93	-13	Vertical

LTE band CA_43C

Test result

ANT0 Channel : 44590

Frequency (MHz)	Power (dBm)	Limited (dBm)	Polarization
1149.83	-80.63	-13	Vertical
1508.22	-77.22	-13	Vertical
2453.14	-78.74	-13	Vertical



3158.00	-83.58	-13	Vertical
3545.00	-81.22	-13	Vertical
4666.00	-88.04	-13	Vertical

LTE band CA_48C

Test result

ANT0 Channel : 44590

Frequency (MHz)	Power (dBm)	Limited (dBm)	Polarization
945.03	-78.55	-40	Vertical
1502.00	-76.90	-40	Vertical
2420.65	-78.33	-40	Vertical
3073.00	-83.34	-40	Vertical
3577.00	-80.83	-40	Vertical
4703.00	-87.71	-40	Vertical

LTE band CA_66B

Test result

ANT2 Channel : 132322

Frequency (MHz)	Power (dBm)	Limited (dBm)	Polarization
1154.40	-80.29	-13.00	Vertical
1507.00	-76.88	-13.00	Vertical
2419.22	-78.49	-13.00	Vertical
3589.00	-80.75	-13.00	Vertical
4239.00	-89.22	-13.00	Vertical
4689.00	-87.52	-13.00	Vertical

LTE band CA_66C

Test result

ANT2 Channel : 132322

Frequency (MHz)	Power (dBm)	Limited (dBm)	Polarization
1173.50	-80.37	-13.00	Vertical
1520.40	-77.01	-13.00	Vertical
2419.21	-78.48	-13.00	Vertical
3595.00	-80.76	-13.00	Vertical
4254.00	-89.53	-13.00	Vertical
4711.00	-87.92	-13.00	Vertical

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