

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 therequirements 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
1148.40	-80.04	-13.00	Vertical
1501.20	-76.46	-13.00	Vertical
2408.35	-78.20	-13.00	Vertical
3117.00	-82.58	-13.00	Vertical
3534.00	-80.86	-13.00	Vertical
3750.00	-80.95	-13.00	Vertical

LTE band 4

Test result:

ANT2 Channel 20175

Frequency (MHz)	Power (dBm)	Limited (dBm)	Polarization
1473.20	-76.74	-13.00	Vertical
2132.60	-75.28	-13.00	Vertical
2430.64	-78.10	-13.00	Vertical
3081.00	-82.81	-13.00	Vertical
3588.00	-80.52	-13.00	Vertical
4698.00	-87.62	-13.00	Vertical

LTE band 5

Test result:

ANT3 Channel 20525

Frequency (MHz)	Power (dBm)	Limited (dBm)	Polarization
1148.40	-80.26	-13.00	Vertical
1663.60	-75.68	-13.00	Vertical
2445.51	-77.88	-13.00	Vertical
3108.00	-82.48	-13.00	Vertical
3540.00	-80.99	-13.00	Vertical
4650.00	-88.09	-13.00	Vertical

LTE band 7

Test result:

ANT2 Channel 21100

Frequency (MHz)	Power (dBm)	Limited (dBm)	Polarization
1501.20	-76.43	-25.00	Vertical
2418.70	-77.89	-25.00	Vertical
2659.11	-76.59	-25.00	Vertical
3099.00	-82.41	-25.00	Vertical
3597.00	-80.57	-25.00	Vertical
4683.00	-87.65	-25.00	Vertical

LTE band 12

Test result:

ANT3 Channel 23095

Frequency (MHz)	Power (dBm)	Limited (dBm)	Polarization
738.30	-83.27	-13.00	Vertical
1406.00	-67.40	-13.00	Vertical
2442.59	-78.49	-13.00	Vertical
3117.00	-82.44	-13.00	Vertical
3597.00	-80.56	-13.00	Vertical
4683.00	-87.81	-13.00	Vertical

LTE band 13

Test result:

ANT3 Channel 23230

Frequency (MHz)	Power (dBm)	Limited (dBm)	Polarization
749.78	-79.37	-13.00	Vertical
1555.80	-71.06	-13.00	Vertical
2430.90	-78.10	-13.00	Vertical
3108.00	-82.35	-13.00	Vertical
3594.00	-80.39	-13.00	Vertical
4698.00	-87.72	-13.00	Vertical

LTE band 17

Test result:

ANT3 Channel 23790

Frequency (MHz)	Power (dBm)	Limited (dBm)	Polarization
737.98	-83.84	-13.00	Vertical
1411.60	-67.07	-13.00	Vertical
1516.60	-76.80	-13.00	Vertical
3591.00	-80.72	-13.00	Vertical
4209.00	-89.22	-13.00	Vertical
4698.00	-87.61	-13.00	Vertical

LTE band 38

Test result:

ANT2 Channel 38000

Frequency (MHz)	Power (dBm)	Limited (dBm)	Polarization
1176.40	-80.25	-25	Vertical
1509.60	-76.69	-25	Vertical
2442.50	-78.03	-25	Vertical
3597.00	-80.61	-25	Vertical
4206.00	-89.13	-25	Vertical
4707.00	-87.67	-25	Vertical

LTE band 41

Test result:

ANT2 Channel 40620

Frequency (MHz)	Power (dBm)	Limited (dBm)	Polarization
1162.40	-80.11	-25	Vertical
1516.60	-76.65	-25	Vertical
2419.87	-77.92	-25	Horizontal
3594.00	-80.57	-25	Vertical
4182.00	-89.34	-25	Vertical
4701.00	-87.71	-25	Vertical

LTE band 66

Test result

ANT2 Channel : 132422

Frequency (MHz)	Power (dBm)	Limited (dBm)	Polarization
1509.60	-76.76	-13.00	Vertical
2150.80	-77.91	-13.00	Vertical
2416.45	-77.85	-13.00	Vertical
3591.00	-80.61	-13.00	Vertical
4236.00	-88.98	-13.00	Vertical
4734.00	-87.99	-13.00	Vertical

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