

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

EUT	IG902-FQ39
SN/IMEI:	GL9022425014925/868517074320205
ANT	ANT1

LTE band 2

Test result:

ANT1 Channel 18900

Frequency (MHz)	Power (dBm)	Limited (dBm)	Polarization
938.39	-76.77	-13.00	Vertical
1522.20	-77.10	-13.00	Vertical
2430.81	-78.53	-13.00	Vertical
3105.00	-82.83	-13.00	Vertical
3597.00	-80.82	-13.00	Vertical
4695.00	-87.60	-13.00	Vertical

LTE band 4

Test result:

ANT1 Channel 20175

Frequency (MHz)	Power (dBm)	Limited (dBm)	Polarization
938.39	-76.44	-13.00	Vertical
1497.00	-76.76	-13.00	Vertical
2430.98	-78.43	-13.00	Vertical
3078.00	-82.88	-13.00	Vertical
3561.00	-81.22	-13.00	Vertical
4686.00	-87.54	-13.00	Vertical

LTE band 5

Test result:

ANT1 Channel 20525

Frequency (MHz)	Power (dBm)	Limited (dBm)	Polarization
942.43	-78.67	-13.00	Vertical
1492.80	-76.69	-13.00	Vertical
2412.61	-78.20	-13.00	Vertical
3114.00	-82.98	-13.00	Vertical
3537.00	-80.91	-13.00	Vertical
4692.00	-87.57	-13.00	Vertical

LTE band 7

Test result:

ANT1 Channel 21100

Frequency (MHz)	Power (dBm)	Limited (dBm)	Polarization
942.83	-79.00	-25.00	Vertical
1501.20	-76.62	-25.00	Vertical
2408.68	-78.76	-25.00	Vertical
3138.00	-83.20	-25.00	Vertical
3564.00	-80.75	-25.00	Vertical
4689.00	-87.72	-25.00	Vertical

LTE band 12

Test result:

ANT1 Channel 23095

Frequency (MHz)	Power (dBm)	Limited (dBm)	Polarization
942.83	-78.15	-13.00	Vertical
1501.20	-76.72	-13.00	Vertical
2415.87	-78.29	-13.00	Vertical
3123.00	-83.02	-13.00	Vertical
3504.00	-80.96	-13.00	Vertical
4647.00	-87.90	-13.00	Vertical

LTE band 13

Test result:

ANT1 Channel 23230

Frequency (MHz)	Power (dBm)	Limited (dBm)	Polarization
874.96	-77.87	-13.00	Vertical
1469.00	-77.26	-13.00	Vertical
2374.80	-78.86	-13.00	Vertical
3069.00	-83.58	-13.00	Vertical
3561.00	-81.13	-13.00	Vertical
4650.00	-87.92	-13.00	Vertical

LTE band 14

Test result:

ANT1 Channel 23330

Frequency (MHz)	Power (dBm)	Limited (dBm)	Polarization
752.41	-78.77	-13.00	Vertical
1554.40	-71.37	-13.00	Vertical
2453.69	-78.11	-13.00	Vertical
3099.00	-82.32	-13.00	Vertical
3588.00	-80.75	-13.00	Vertical
4686.00	-87.52	-13.00	Vertical

LTE band 17

Test result:

ANT1 Channel 23790

Frequency (MHz)	Power (dBm)	Limited (dBm)	Polarization
942.63	-77.16	-13.00	Vertical
1511.00	-76.85	-13.00	Vertical
2408.27	-78.36	-13.00	Vertical
3072.00	-83.10	-13.00	Vertical
3573.00	-80.92	-13.00	Vertical
4704.00	-87.81	-13.00	Vertical

LTE band 25

Test result:

ANT1 Channel 26365

Frequency (MHz)	Power (dBm)	Limited (dBm)	Polarization
942.03	-78.81	-13.00	Vertical
1522.20	-77.12	-13.00	Vertical
2408.02	-78.47	-13.00	Vertical
3072.00	-83.23	-13.00	Vertical
3519.00	-80.95	-13.00	Vertical
4647.00	-88.10	-13.00	Vertical

LTE band 26

Test result

ANT1 Channel : 26865

Frequency (MHz)	Power (dBm)	Limited (dBm)	Polarization
942.23	-77.23	-13.00	Vertical
1495.60	-76.83	-13.00	Vertical
2408.18	-78.40	-13.00	Vertical
3159.00	-83.40	-13.00	Vertical
3582.00	-81.07	-13.00	Vertical
4710.00	-87.85	-13.00	Vertical

LTE band 30

Test result

ANT1 Channel : 27710

Frequency (MHz)	Power (dBm)	Limited (dBm)	Polarization
938.39	-76.48	-13.00	Vertical
1509.60	-76.99	-13.00	Vertical
2400.00	-78.42	-13.00	Vertical
3102.00	-82.72	-13.00	Vertical
3546.00	-81.30	-13.00	Vertical
4692.00	-87.38	-13.00	Vertical

LTE band 41

Test result:

ANT1 Channel 40620

Frequency (MHz)	Power (dBm)	Limited (dBm)	Polarization
942.63	-78.06	-25	Vertical
1516.60	-77.11	-25	Vertical
2433.98	-78.42	-25	Horizontal
3108.00	-82.79	-25	Vertical
3564.00	-81.19	-25	Vertical
4716.00	-87.95	-25	Vertical

LTE band 42

Test result

ANT1 Channel : 42590

Frequency (MHz)	Power (dBm)	Limited (dBm)	Polarization
874.96	-79.57	-13.00	Vertical
1497.00	-76.75	-13.00	Vertical
2461.46	-78.75	-13.00	Vertical
3078.00	-83.42	-13.00	Vertical
3504.00	-80.93	-13.00	Vertical
4683.00	-87.72	-13.00	Vertical

LTE band 43

Test result

ANT1 Channel : 44590

Frequency (MHz)	Power (dBm)	Limited (dBm)	Polarization
942.63	-78.24	-13.00	Vertical
1485.80	-76.90	-13.00	Vertical
2381.80	-78.60	-13.00	Vertical
3069.00	-83.26	-13.00	Vertical
3543.00	-81.20	-13.00	Vertical
4695.00	-87.63	-13.00	Vertical

LTE band 48

Test result

ANT1 Channel : 55990

Frequency (MHz)	Power (dBm)	Limited (dBm)	Polarization
942.03	-78.50	-13.00	Vertical
1504.00	-76.91	-13.00	Vertical
2420.62	-78.33	-13.00	Vertical
3072.00	-83.34	-13.00	Vertical
3576.00	-80.83	-13.00	Vertical
4707.00	-87.71	-13.00	Vertical

LTE band 66

Test result

ANT1 Channel : 132322

Frequency (MHz)	Power (dBm)	Limited (dBm)	Polarization
942.63	-78.35	-13.00	Vertical
1491.40	-77.08	-13.00	Vertical
2442.17	-78.49	-13.00	Vertical
3081.00	-83.14	-13.00	Vertical
3498.00	-81.31	-13.00	Vertical
4713.00	-87.79	-13.00	Vertical

LTE band 71

Test result

ANT1 Channel : 133297

Frequency (MHz)	Power (dBm)	Limited (dBm)	Polarization
944.05	-80.42	-13.00	Vertical
1516.60	-76.93	-13.00	Vertical
2386.00	-78.75	-13.00	Vertical
3114.00	-82.84	-13.00	Vertical
3513.00	-81.22	-13.00	Vertical
4692.00	-87.75	-13.00	Vertical

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