

FCC RF EXPOSURE REPORT

FCC ID: QIPBGS12

Project No. : 1901H008B
Equipment : U.S. Cellular Home Phone
Model Name : DWR-920V
Series Model : N/A
Applicant : D-Link Corporation
Address : No.289, Xinhua 3rd Rd., Neihu District, Taipei
11494, Taiwan

According: : FCC Guidelines for Human Exposure IEEE
C95.1 & FCC Part 2.1091

B T L I N C .

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Certificate #5123.02

1. GENERAL SUMMARY

Equipment : U.S. Cellular Home Phone
Brand Name : N/A
Test Model : DWR-920V
Series Model : N/A
Applicant : D-Link Corporation
Manufacturer : D-Link Corporation
Address : No.289, Xinhua 3rd Rd., Neihu District, Taipei 11494, Taiwan
Date of Test : Jan. 22, 2019~ Jan. 28, 2019
Test Sample : Engineering Sample No.: B190100025
Standards : FCC Title 47 Part 2.1091, OET Bulletin 65 Supplement C

The above equipment has been tested and found compliance with the requirement of the relative standards by BTL Inc.

The test data, data evaluation, and equipment configuration contained in our test report (Ref No. BTL-FCCP-4-1901H008B) were obtained utilizing the test procedures, test instruments, test sites that has been accredited by the Authority of A2LA according to the ISO/IEC 17025 quality assessment standard and technical standard(s).

2. MPE CALCULATION METHOD

Calculation Method of RF Safety Distance:

$$S = \frac{PG}{4\pi r^2} = \frac{EIRP}{4\pi r^2}$$

where:

S = power density

P = power input to the antenna

G = power gain of the antenna in the direction of interest relative to an isotropic radiator

R = distance to the center of radiation of the antenna

Table for Filed Antenna:

For Band 2

Ant.	Brand	P/N	Antenna Type	Connector	Gain(dBi)
1	N/A	N/A	External	N/A	4.1.

For Band 5

Ant.	Brand	P/N	Antenna Type	Connector	Gain(dBi)
1	N/A	N/A	External	N/A	-0.83

For Band 4

Ant.	Brand	P/N	Antenna Type	Connector	Gain(dBi)
1	N/A	N/A	External	N/A	2.73

For Band 12

Ant.	Brand	P/N	Antenna Type	Connector	Gain(dBi)
1	N/A	N/A	External	N/A	-0.81

For Band 66

Ant.	Brand	P/N	Antenna Type	Connector	Gain(dBi)
1	N/A	N/A	External	N/A	2.45

3. TEST RESULTS

For Band 2

Max EIRP (dBm)	Max EIRP (mW)	Power Density (S) (mW/cm ²)	Limit of Power Density (S) (mW/cm ²)	Test Result
26.64	461.3176	0.09182	1	Complies

For Band 4

Max EIRP (dBm)	Max EIRP (mW)	Power Density (S) (mW/cm ²)	Limit of Power Density (S) (mW/cm ²)	Test Result
25.42	348.3373	0.06933	1	Complies

For Band 66

Max EIRP (dBm)	Max EIRP (mW)	Power Density (S) (mW/cm ²)	Limit of Power Density (S) (mW/cm ²)	Test Result
25.61	363.9150	0.07244	1	Complies

For Band 5

ERP=EIRP-2.15

Max EIRP (dBm)	Max EIRP (mW)	Power Density (S) (mW/cm ²)	Limit of Power Density (S) (mW/cm ²)	Test Result
19.82	95.9401	0.01910	1	Complies

For Band 12

ERP=EIRP-2.15

Max EIRP (dBm)	Max EIRP (mW)	Power Density (S) (mW/cm ²)	Limit of Power Density (S) (mW/cm ²)	Test Result
21.87	153.8155	0.03062	1	Complies

Note: the calculated distance is 20 cm.
Output power including tune up tolerance.

End of Test Report