

FCC RF EXPOSURE REPORT

FCC ID: KA2SL2750BT1

Project No. : 1509C160A
Equipment : Wireless N ADSL2+ 3G USB Router
Model : DSL-2750B, DSL-2750U, DSL-2751U, DSL-2751B
Applicant : D-Link Corporation
Address : 17595 Mt Herrmann, Fountain Valley, California,
United States 92708

According: : FCC Guidelines for Human Exposure IEEE C95.1

B T L I N C .

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MPE CALCULATION METHOD:

Calculation Method of RF Safety Distance:

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

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

Ant.	Brand	Model Name	Antenna Type	Connector	Gain (dBi)	Note
1		AN2400-37GXXBO	Dipole	N/A	2	TX/RX
2		AN2400-37GXXBO	Dipole	N/A	2	TX/RX

TEST RESULTS

EUT :	Wireless N ADSL2+ 3G USB Router	Model Name :	DSL-2750B
Temperature :	25 °C	Relative Humidity:	55 %
Test Voltage :	AC 120V/60Hz		
Test Mode :	TX B MODE /CH01, CH06, CH11		

Antenna Gain (dBi)	Antenna Gain (numeric)	Peak Output Power (dBm)	Peak Output Power (mW)	Power Density (S) (mW/cm ²)	Limit of Power Density (S) (mW/cm ²)	Test Result
2	1.5849	21.01	126.1828	0.03980617	1	Complies
2	1.5849	20.74	118.5769	0.03740678	1	Complies
2	1.5849	20.62	115.3453	0.03638735	1	Complies

EUT :	Wireless N ADSL2+ 3G USB Router	Model Name :	DSL-2750B
Temperature :	25 °C	Relative Humidity:	55 %
Test Voltage :	AC 120V/60Hz		
Test Mode :	TX G MODE /CH01, CH06, CH11		

Antenna Gain (dBi)	Antenna Gain (numeric)	Peak Output Power (dBm)	Peak Output Power (mW)	Power Density (S) (mW/cm ²)	Limit of Power Density (S) (mW/cm ²)	Test Result
2	1.5849	21.55	142.8894	0.04507652	1	Complies
2	1.5849	22.88	194.0886	0.06122804	1	Complies
2	1.5849	20.44	110.6624	0.03491004	1	Complies

EUT :	Wireless N ADSL2+ 3G USB Router	Model Name :	DSL-2750B
Temperature:	25 °C	Relative Humidity:	55 %
Test Voltage :	AC 120V/60Hz		
Test Mode :	TX N-20M MODE_ Total /CH01, CH06, CH11		

Antenna Gain (dBi)	Antenna Gain (numeric)	Peak Output Power (dBm)	Peak Output Power (mW)	Power Density (S) (mW/cm ²)	Limit of Power Density (S) (mW/cm ²)	Test Result
2	1.5849	24.44	277.9713	0.08769006	1	Complies
2	1.5849	24.98	314.7748	0.09930026	1	Complies
2	1.5849	24.53	283.7919	0.08952625	1	Complies

EUT :	Wireless N ADSL2+ 3G USB Router	Model Name :	DSL-2750B
Temperature:	25 °C	Relative Humidity:	55 %
Test Voltage :	AC 120V/60Hz		
Test Mode :	TX N-40M MODE_ Total /CH03, CH06, CH09		

Antenna Gain (dBi)	Antenna Gain (numeric)	Peak Output Power (dBm)	Peak Output Power (mW)	Power Density (S) (mW/cm ²)	Limit of Power Density (S) (mW/cm ²)	Test Result
2	1.5849	23.81	240.4363	0.07584909	1	Complies
2	1.5849	25.54	358.0964	0.11296668	1	Complies
2	1.5849	23.49	223.3572	0.07046125	1	Complies

Note: the calculated distance is 20 cm.