

FCC RF EXPOSURE REPORT

FCC ID: KA2SL2750ET1

Project No. : 1410C071
Equipment : Wireless N 300 ADSL2+ Modem Router
Model : DSL-2750E
Applicant : D-LINK Corporation
Address : No.289, Sinhu 3rd Rd., Neihu District Taipei
City 114, Taiwan, R.O.C

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

B T L I N C .

No.3, Jinshagang 1st Road, Shixia, Dalang Town, Dongguan, China.
TEL: +86-769-8318-3000 FAX: +86-769-8319-6000

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.	Manufacturer	Model Name	Antenna Type	Connector	Gain(dBi)	Note
1	Dongguan City Xinsheng Electronics Co.,Ltd	800000000035	Dipole	N/A	4.59	TX/RX
2	Dongguan City Xinsheng Electronics Co.,Ltd	800000000035	Dipole	N/A	4.59	TX/RX

TEST RESULTS

EUT :	Wireless N 300 ADSL2+ Modem Router	Model Name :	DSL-2750E
Temperature :	25 °C	Relative Humidity:	55 %
Test Voltage :	AC 120V/60Hz		
Test Mode :	TX B MODE_ Tota/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
4.59	2.8774	22.88	194.0886	0.11116047	1	Complies
4.59	2.8774	22.69	185.7804	0.10640214	1	Complies
4.59	2.8774	20.71	117.7606	0.06744509	1	Complies

EUT :	Wireless N 300 ADSL2+ Modem Router	Model Name :	DSL-2750E
Temperature :	25 °C	Relative Humidity:	55 %
Test Voltage :	AC 120V/60Hz		
Test Mode :	TX G MODE_ Tota/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
4.59	2.8774	26.82	480.8393	0.27539140	1	Complies
4.59	2.8774	26.99	500.0345	0.28638507	1	Complies
4.59	2.8774	24.36	272.8978	0.15629690	1	Complies

EUT :	Wireless N 300 ADSL2+ Modem Router	Model Name :	DSL-2750E
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
4.59	2.8774	25.41	347.5362	0.19904459	1	Complies
4.59	2.8774	25.47	352.3709	0.20181357	1	Complies
4.59	2.8774	25.86	385.4784	0.22077524	1	Complies

EUT :	Wireless N 300 ADSL2+ Modem Router	Model Name :	DSL-2750E
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
4.59	2.8774	24.07	255.2701	0.14620101	1	Complies
4.59	2.8774	24.89	308.3188	0.17658360	1	Complies
4.59	2.8774	24.79	301.3006	0.17256407	1	Complies

Note: the calculated distance is 20 cm.