

FCC RF EXPOSURE REPORT

FCC ID: KA2 AP1325A1

Project No. : 1612C204
Equipment : N300 Wi-Fi Range Extender
Model : DAP-1325, DAP-1330
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)
1	N/A	N/A	Internal	N/A	2
2	N/A	N/A	Internal	N/A	2

TEST RESULTS

EUT:	N300 Wi-Fi Range Extender	Model Name :	DAP-1325, DAP-1330
Temperature:	25 °C	Relative Humidity:	55 %
Test Voltage :	AC 120V/60Hz		
Test Mode :	TX B MODE /CH01, CH06, CH11-ANT 1+ANT 2		

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	19.82	95.9401	0.03026568	1	Complies
2	1.5849	19.67	92.6830	0.02923818	1	Complies
2	1.5849	19.67	92.6830	0.02923818	1	Complies

EUT:	N300 Wi-Fi Range Extender	Model Name :	DAP-1325, DAP-1330
Temperature:	25 °C	Relative Humidity:	55 %
Test Voltage :	AC 120V/60Hz		
Test Mode :	TX G MODE /CH01, CH06, CH11-ANT 1+ANT 2		

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	27.33	540.7543	0.17058874	1	Complies
2	1.5849	27.16	519.9960	0.16404023	1	Complies
2	1.5849	27.07	509.3309	0.16067576	1	Complies

EUT:	N300 Wi-Fi Range Extender	Model Name :	DAP-1325, DAP-1330
Temperature:	25 °C	Relative Humidity:	55 %
Test Voltage :	AC 120V/60Hz		
Test Mode :	TX N20 MODE_ Total /CH01, CH06, CH11-ANT 1+ANT 2		

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	27.37	545.7579	0.17216718	1	Complies
2	1.5849	27.38	547.0160	0.17256407	1	Complies
2	1.5849	27.47	558.4702	0.17617747	1	Complies

EUT:	N300 Wi-Fi Range Extender	Model Name :	DAP-1325, DAP-1330
Temperature:	25 °C	Relative Humidity:	55 %
Test Voltage :	AC 120V/60Hz		
Test Mode :	TX N40 MODE_ Total /CH03, CH06, CH09-ANT 1+ANT 2		

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	27.49	561.0480	0.17699067	1	Complies
2	1.5849	27.27	533.3349	0.16824818	1	Complies
2	1.5849	27.33	540.7543	0.17058874	1	Complies

Note: the calculated distance is 20 cm.