



Neutron Engineering Inc.

FCC RF EXPOSURE REPORT

FCC ID: KA2AP2360B1

Project No. : 1404C050
Equipment : 1) AirPremier N PoE Access Point with
Plenum-rated Chassis
2) Wireless N PoE Access Point with
Plenum-rated Chassis
Model : 1)DAP-2360; 2)DWP-2360
Applicant : D-LINK Corporation
Address : 17595 Mt. Herrmann, Fountain Valley
California, United States

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

Neutron Engineering Inc.

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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

Ant.	Manufacturer	Model Name	Antenna Type	Connector	Gain (dBi)	Note
1	WANSHIH ELECTRONIC CO., LTD.	WSS007	Dipole	RP-SMA	5	TX/RX
2	WANSHIH ELECTRONIC CO., LTD.	WSS007	Dipole	RP-SMA	5	TX/RX



TEST RESULTS

EUT :	1) AirPremier N PoE Access Point with Plenum-rated Chassis 2) Wireless N PoE Access Point with Plenum-rated Chassis	Model Name :	1)DAP-2360; 2)DWP-2360
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
5	3.1623	23.14	206.0630	0.12970310	1	Complies
5	3.1623	27.36	544.5027	0.34272862	1	Complies
5	3.1623	25.42	348.3373	0.21925544	1	Complies

EUT :	1) AirPremier N PoE Access Point with Plenum-rated Chassis 2) Wireless N PoE Access Point with Plenum-rated Chassis	Model Name :	1)DAP-2360; 2)DWP-2360
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
5	3.1623	23.05	201.8366	0.12704289	1	Complies
5	3.1623	27.02	503.5006	0.31692053	1	Complies
5	3.1623	25.28	337.2873	0.21230018	1	Complies



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EUT :	1) AirPremier N PoE Access Point with Plenum-rated Chassis 2) Wireless N PoE Access Point with Plenum-rated Chassis	Model Name :	1)DAP-2360; 2)DWP-2360
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
5	3.1623	25.09	322.8494	0.20321248	1	Complies
5	3.1623	27.44	554.6257	0.34910042	1	Complies
5	3.1623	25.65	367.2823	0.23118006	1	Complies

EUT :	1) AirPremier N PoE Access Point with Plenum-rated Chassis 2) Wireless N PoE Access Point with Plenum-rated Chassis	Model Name :	1)DAP-2360; 2)DWP-2360
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
5	3.1623	24.09	256.4484	0.16141741	1	Complies
5	3.1623	28.61	726.1060	0.45703596	1	Complies
5	3.1623	24.91	309.7419	0.19496218	1	Complies

Note: the calculation distance is 20cm.