



Neutron Engineering Inc.

FCC RF EXPOSURE REPORT

FCC ID: T58WF2710R

Project No. : 1309C035A
Equipment : AC750 Wireless Dual Band Router
Model Name : WF2710
Applicant : NETIS SYSTEMS CO., LTD.
Address : 4F&5F R&D Building, Oriental Cyberport, High-Tech Industrial Park, Nanshan, Shenzhen, China
Manufacturer : Shenzhen Netcore Industrial Ltd
Address : 4F&5F R&D Building , Oriental Cyberport, High-Tech Industrial Park, Nanshan, Shenzhen, China.

According: : **FCC Guidelines for Human Exposure IEEE C92.76**

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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

Ant.	Brand	Model Name	Antenna Type	Connector	Gain (dBi)	Note
ACON1	<i>RF link</i>	RF21C00136 A	Dipole	N/A	5.07	40mm



TEST RESULTS

EUT:	AC750 Wireless Dual Band Router	Model Name :	WF2710
Temperature:	25 °C	Relative Humidity:	58 %
Test Voltage:	AC 120V/60Hz		
Test Mode :	Band 1/TX A Mode/CH36, CH40, CH48		

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
5.07	3.2137	13.7	23.4423	0.01499513	1	Complies
5.07	3.2137	13.39	21.8273	0.01396209	1	Complies
5.07	3.2137	13.34	21.5774	0.01380227	1	Complies

EUT:	AC750 Wireless Dual Band Router	Model Name :	WF2710
Temperature:	25 °C	Relative Humidity:	58 %
Test Voltage:	AC 120V/60Hz		
Test Mode :	Band 1/TX N20 Mode/CH36, CH40, CH48		

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
5.07	3.2137	12.63	18.3231	0.01172061	1	Complies
5.07	3.2137	12.9	19.4984	0.01247241	1	Complies
5.07	3.2137	12.99	19.9067	0.01273358	1	Complies

EUT:	AC750 Wireless Dual Band Router	Model Name :	WF2710
Temperature:	25 °C	Relative Humidity:	58 %
Test Voltage:	AC 120V/60Hz		
Test Mode :	Band 1/TX N40 Mode/CH38, CH46		

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
5.07	3.2137	12.59	18.1552	0.01161316	1	Complies
5.07	3.2137	12.87	19.3642	0.01238655	1	Complies



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EUT:	AC750 Wireless Dual Band Router	Model Name :	WF2710
Temperature:	25 ° C	Relative Humidity:	58 %
Test Voltage:	AC 120V/60Hz		
Test Mode :	Band 1/TX AC N20 Mode/CH36, CH40, CH48		

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
5.07	3.2137	12.82	19.1426	0.01224476	1	Complies
5.07	3.2137	12.53	17.9061	0.01145382	1	Complies
5.07	3.2137	12.61	18.2390	0.01166676	1	Complies

EUT:	AC750 Wireless Dual Band Router	Model Name :	WF2710
Temperature:	25 ° C	Relative Humidity:	58 %
Test Voltage:	AC 120V/60Hz		
Test Mode :	Band 1/TX AC N40 Mode/CH38, CH46		

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
5.07	3.2137	12.47	17.6604	0.01129667	1	Complies
5.07	3.2137	12.64	18.3654	0.01174763	1	Complies



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EUT:	AC750 Wireless Dual Band Router	Model Name :	WF2710
Temperature:	25 ° C	Relative Humidity:	58 %
Test Voltage:	AC 120V/60Hz		
Test Mode :	Band 1/TX AC N80 Mode/CH42		

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
5.07	3.2137	12.78	18.9671	0.01213250	1	Complies