



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**

Neutron Engineering Inc.

No.3, Jinshagang 1st Road, ShiXia, Dalang Town, Dong Guan, China.

TEL : (0769) 8318-3000 FAX : (0769) 8319-6000



Neutron Engineering Inc.

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.	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 %
Pressure:	1010 hPa	Test Voltage :	AC 120V/60Hz
Test Mode :	TX A Mode /CH149, CH157, CH165		

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	20.48	111.6863	0.07144147	1	Complies
5.07	3.2137	21.08	128.2331	0.08202578	1	Complies
5.07	3.2137	20.65	116.1449	0.07429342	1	Complies

EUT:	AC750 Wireless Dual Band Router	Model Name :	WF2710
Temperature:	25 °C	Relative Humidity:	58 %
Pressure:	1010 hPa	Test Voltage :	AC 120V/60Hz
Test Mode :	TX N20 Mode /CH149, CH157, CH165		

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	20.62	115.3453	0.07378199	1	Complies
5.07	3.2137	20.39	109.3956	0.06997620	1	Complies
5.07	3.2137	20.52	112.7197	0.07210251	1	Complies

EUT:	AC750 Wireless Dual Band Router	Model Name :	WF2710
Temperature:	25 °C	Relative Humidity:	58 %
Pressure:	1010 hPa	Test Voltage :	AC 120V/60Hz
Test Mode :	TX N40 Mode /CH151, CH159		

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	20.37	108.8930	0.06965469	1	Complies
5.07	3.2137	20.21	104.9542	0.06713521	1	Complies



Neutron Engineering Inc.

EUT:	AC750 Wireless Dual Band Router	Model Name :	WF2710
Temperature:	25 °C	Relative Humidity:	58 %
Pressure:	1010 hPa	Test Voltage :	AC 120V/60Hz
Test Mode :	TX AC N20 Mode /CH149, CH157, CH165		

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	20.29	106.9055	0.06838335	1	Complies
5.07	3.2137	20.18	104.2317	0.06667306	1	Complies
5.07	3.2137	20.09	102.0939	0.06530559	1	Complies

EUT:	AC750 Wireless Dual Band Router	Model Name :	WF2710
Temperature:	25 °C	Relative Humidity:	58 %
Pressure:	1010 hPa	Test Voltage :	AC 120V/60Hz
Test Mode :	TX AC N40 Mode /CH151, CH159		

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	20.22	105.1962	0.06728998	1	Complies
5.07	3.2137	20.16	103.7528	0.06636672	1	Complies



Neutron Engineering Inc.

EUT:	AC750 Wireless Dual Band Router	Model Name :	WF2710
Temperature:	25 °C	Relative Humidity:	58 %
Pressure:	1010 hPa	Test Voltage :	AC 120V/60Hz
Test Mode :	TX AC N80 Mode /CH155		

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	20.39	109.3956	0.06997620	1	Complies