Neutron Engineering Inc.

FCC RF EXPOSURE REPORT

FCC ID: T58WF2471B

Project No.	**: 1211C122**
Equipment	**: Wireless Dual Band Router**
Model	**: WF2471**
Applicant	**: NETIS SYSTEMS CO.,LTD.**
Address	**: 9F,B Block,Tsinghua Information Park, High-tech Industrial Park,Nanshan,Shenzhen,China**
According:	**: FCC Guidelines for Human Exposure IEEE C95.1**

Neutron Engineering Inc.

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

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

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
3	Cortec	AN2400-92F19BO	Dipole	Mini	5.71	TX/RX
4	Cortec	AN2400-92F19BO	Dipole	Mini	5.71	TX/RX

TEST RESULTS

EUT：	Wireless Dual Band Router	Model Name ：	WF2471
Temperature：	25 ℃	Relative Humidity：	60 %
Pressure：	1012 hPa	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
5.71	3.7239	18.56	71.7794	0.05320475	1	Complies
5.71	**3.7239**	**18.84**	**76.5597**	**0.05674798**	**1**	**Complies**
5.71	3.7239	18.62	72.7780	0.05394490	1	Complies

EUT：	Wireless Dual Band Router	Model Name ：	WF2471
Temperature：	25 ℃	Relative Humidity：	60 %
Pressure：	1012 hPa	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
5.71	3.7239	20.82	120.7814	0.08952625	1	Complies
5.71	3.7239	20.65	116.1449	0.08608954	1	Complies
5.71	**3.7239**	**20.83**	**121.0598**	**0.08973262**	**1**	**Complies**

EUT：	Wireless Dual Band Router	Model Name ：	WF2471
Temperature：	25 ℃	Relative Humidity：	60 %
Pressure：	1012 hPa	Test Voltage ：	AC 120V/60Hz
Test Mode ：	TX N20MHz MODE CH01/CH06/CH11-ANT1+ANT2		

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
5.71	3.7239	21.50	141.2538	0.10470089	1	Complies
5.71	3.7239	21.51	141.5794	0.10494225	1	Complies
5.71	**3.7239**	**21.52**	**141.9058**	**0.10518417**	**1**	**Complies**

EUT：	Wireless Dual Band Router	Model Name ：	WF2471
Temperature：	25 ℃	Relative Humidity：	60 %
Pressure：	1012 hPa	Test Voltage ：	AC 120V/60Hz
Test Mode ：	TX N40MHz MODE CH03/CH06/CH09-ANT1+ANT2		

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
5.71	3.7239	19.71	93.5406	0.06933466	1	Complies
5.71	**3.7239**	**19.74**	**94.1890**	**0.06981526**	**1**	**Complies**
5.71	3.7239	19.72	93.7562	0.06949449	1	Complies