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.

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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
1	Cortec	AN2400-92F19BO	Dipole	Mini	4.58	TX/RX
2	Cortec	AN2400-92F19BO	Dipole	Mini	4.58	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 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
4.58	**2.8708**	**21.62**	**145.2112**	**0.08297559**	**1**	**Complies**
4.58	2.8708	21.57	143.5489	0.08202578	1	Complies
4.58	2.8708	21.49	140.9289	0.08052864	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 N20 Mode /CH149, CH157, CH165 -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
4.58	2.8708	19.40	87.0964	0.04976802	1	Complies
4.58	2.8708	19.69	93.1108	0.05320475	1	Complies
4.58	**2.8708**	**19.92**	**98.1748**	**0.05609839**	**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 N40 Mode /CH151, CH159 -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
4.58	2.8708	17.40	54.9541	0.03140150	1	Complies
4.58	**2.8708**	**17.71**	**59.0201**	**0.03372488**	**1**	**Complies**