



Neutron Engineering Inc.

FCC RF EXPOSURE REPORT

FCC ID: T58WF2119SR

Project No. : 1305C017
Equipment : 150Mbps Wireless-N USB Adapter
Model : WF2119S
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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GENERAL CONCLUSION:

Table for Filed Antenna:

| Ant. | Brand | Model Name | Antenna Type | Connector | Gain (dBi) |
|------|--------|-----------------|--------------|------------------|------------|
| 1 | Cortec | R-AN2400-1901RS | Dipole | SMA Male Reverse | 5.02 |

Maximum measured transmitter power:

| Mode | Output Power (dBm) | Out Power (mW) | Limit (mW) |
|---------|--------------------|----------------|------------|
| B/G/N20 | 3.95 | 2.5 | 10 |
| N40 | 3.88 | 2.4 | 10 |

Maximum power specification in the Tune Up

| Mode | Output Power (dBm) | Out Power (mW) | Limit (mW) |
|---------|--------------------|----------------|------------|
| B/G/N20 | 4.95 | 3.1 | 10 |
| N40 | 4.88 | 3.1 | 10 |

According to FCC KDB447498 V05, Appendix A, SAR Test Exclusion Thresholds for 100 MHz – 6 GHz and ≤ 50 mm

The maximum measured output power of this EUT is 3.95dBm (2.5mW) and the maximum power specification of this device is 4.95dBm (3.1mW), therefore both of them are less than 10mW at 5mm distance.

Conclusion: No SAR evaluation required since transmitter power is below FCC threshold