Neutron Engineering Inc.

FCC RF EXPOSURE REPORT

FCC ID: TW5GD9901

Project No.	**: 1306C254**
Equipment	**: 2.4GHz Digital wireless RearView camera**
Model	**: GD9901**
Applicant	**: Shenzhen Gospell Smarthome Electronic Co., Ltd**
Address	**: 5Floor/Block 2, Vision (SZ) Park, Hi-Tech, Industrial Park, 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 name	Model Name	Antenna Type	Connector	Gain (dBi)
1	N/A	N/A	Dipole	N/A	2.0

TEST RESULTS

EUT：	2.4GHZ Digital Wireless RearView Camera	Model Name	GD9901
Temperature：	25 ℃	Relative Humidity：	58 %
Pressure：	1009 hPa	Test Voltage ：	DC 24V
Test Mode ：	CH01/ CH13 /CH24		

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
2.0	1.5849	12.56	18.0302	0.00568788	1	Complies
2.0	1.5849	12.67	18.4927	0.00583378	1	Complies
2.0	1.5849	12.96	19.7697	0.00623664	1	Complies