Neutron Engineering Inc.

FCC RF EXPOSURE REPORT

FCC ID: VOB-P2570

Project No.	**: 1404C046**
Equipment	**: Wireless Controller**
Model Name	**: P2570**
Applicant	**: NVIDIA Corporation**
Address	**: 2701 San Tomas Expressway Santa Clara, CA95050**
Manufacturer	**: NVIDIA Corporation**
Address	**: 2701 San Tomas Expressway Santa Clara, CA95050**
According:	**: FCC Guidelines for Human Exposure IEEE C92.76**

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.	Manufacturer	Model Name	Antenna Type	Connector	Gain (dBi)	Ant.
1	Yageo Corp.	ANT5320LL24 R2455A	Chip	N/A	3.51	1
2	Yageo Corp.	ANT5320LL24 R2455A	Chip	N/A	3.51	2

Note: The EUT incorporates a SISO function and only one antenna used per time

Operating Mode / TX Mode	1TX	2TX
802.11a	V (ANT 1 or ANT 2)	-

TEST RESULTS

EUT:	Wireless Controller	Model Name :	P2570
Temperature:	25 ℃	Relative Humidity:	55 %
Pressure:	AC 120V/60Hz		
Test Mode :	Band 1/TX A Mode		

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
3.51	2.2439	0.31	1.0740	0.00047968	1	Complies
3.51	2.2439	0.35	1.0839	0.00048412	1	Complies
3.51	2.2439	0.42	1.1015	0.00049198	1	Complies
3.51	2.2439	0.46	1.1117	0.00049654	1	Complies

Note: The calculated distance is 20cm.