

FCC RF EXPOSURE REPORT

FCC ID: VOB-P2570

Project No. : 1404C046B
Equipment : Wireless Controller
Model : P2570
Applicant : NVIDIA Corporation
Address : NVIDIA Corporation

**According: : FCC Guidelines for Human Exposure IEEE
C95.1**

B T L I N C .

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MPE CALCULATION METHOD:

Calculation Method of RF Safety Distance:

$$S = \frac{PG}{4\pi^2} = \frac{EIRP}{4\pi^2}$$

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

Table for Filed Antenna

Ant.	Manufacturer	Model Name	Antenna Type	Connector	Gain(dBi)
1	Yageo Corp.	ANT5320LL24R2455A	Chip	N/A	3.51
2	Yageo Corp.	ANT5320LL24R2455A	Chip	N/A	3.51

TEST RESULTS

EUT :	Wireless Controller	Model Name :	P2570
Temperature :	26 °C	Relative Humidity:	52 %
Test Voltage :	DC 3.7V		
Test Mode :	UNII-2A/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	3.68	2.3335	0.00104220	1	Complies
3.51	2.2439	3.51	2.2439	0.00100219	1	Complies
3.51	2.2439	3.76	2.3768	0.00106157	1	Complies

EUT :	Wireless Controller	Model Name :	P2570
Temperature :	26 °C	Relative Humidity:	52 %
Test Voltage :	DC 3.7V		
Test Mode :	UNII-2C/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	3.43	2.2029	0.00098390	1	Complies
3.51	2.2439	3.26	2.1184	0.00094613	1	Complies
3.51	2.2439	2.19	1.6558	0.00073952	1	Complies

Note: the calculated distance is 20 cm.