



Neutron Engineering Inc.

FCC RF EXPOSURE REPORT

FCC ID: N89-BU067HS

Project No. : 1310C045
Equipment : BT Module
Model : M26H004.01
Applicant : CyberTAN Technology Inc.
Address : No. 99, Park Avenue III, Science-based
Industrial Park, Hsinchu, Taiwan

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:

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

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 Field Antenna:

Ant.	Brand	Model Name	Antenna Type	Connector	Gain (dBi)	Note
1	YAGEO	CAN431178104245 3K	Chip	N/A	2.13	TX/RX



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TEST RESULTS

EUT:	BT Module	Model Name	M26H004.01
Temperature:	25 °C	Relative Humidity:	58 %
Pressure:	1016 hPa	Test Voltage :	AC 120V/60Hz
Test Mode :	CH00, CH39, CH78-1Mbps		

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
2.13	1.6331	8.49	7.0469	0.00229061	1	Complies
2.13	1.6331	9.11	8.1470	0.00264820	1	Complies
2.13	1.6331	8.33	6.8077	0.00221284	1	Complies

EUT:	BT Module	Model Name	M26H004.01
Temperature:	25 °C	Relative Humidity:	58 %
Pressure:	1016 hPa	Test Voltage :	AC 120V/60Hz
Test Mode :	CH00, CH39, CH78-3Mbps		

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
2.13	1.6331	9.63	9.1833	0.00298504	1	Complies
2.13	1.6331	9.92	9.8175	0.00319117	1	Complies
2.13	1.6331	9.51	8.9331	0.00290369	1	Complies

Note:

1) The calculation distance is 20 cm.