



Neutron Engineering Inc.

FCC RF EXPOSURE REPORT

FCC ID: ZVA04

Project No. : 1311C118
Equipment : BT Module
Model : BTM8630
**Applicant : TCL TECHNOLOGY ELECTRONICS
(HUIZHOU) CO., LTD**
**Address : Section 37, Zhongkai High-tech Development
Zone, Huizhou City, Guang Dong Province,
China.**

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:

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

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

Table for Field Antenna:

Ant.	Brand	Model Name	Antenna Type	Connector	Gain (dBi)	Note
1	N/A	N/A	PIFA	N/A	0	TX/RX



TEST RESULTS

EUT:	BT Module	Model Name	BTM8630
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
0	1.0000	2.3000	1.6982	0.00033803	1	Complies
0	1.0000	2.3300	1.7100	0.00034037	1	Complies
0	1.0000	2.2400	1.6749	0.00033339	1	Complies

EUT:	BT Module	Model Name	BTM8630
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
0	1.0000	2.3300	1.7100	0.00034037	1	Complies
0	1.0000	2.3400	1.7140	0.00034115	1	Complies
0	1.0000	2.3000	1.6982	0.00033803	1	Complies

Note:

- 1) The calculation distance is 20 cm.