FCC RF EXPOSURE REPORT

FCC ID: 2AFG6-RK3288

Project No.	**: 1509C262**
Equipment	**: Android Main Board**
Model	**: B.RK3288.1**
Applicant	**: Guangzhou Shirui Electronics Co.,Ltd**
Address	**: 192Kezhu Road, Scientech Park, Guangzhou Economic & Technology Development District, Guangzhou, Guangdong, China**
According:	**: FCC Guidelines for Human Exposure IEEE C95.1**

BTL 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 Filed Antenna

Ant.	Brand	Model Name	Antenna Type	Connector	Gain(dBi)
1	N/A	N/A	Dipole	N/A	2.55

TEST RESULTS

EUT：	Android Main Board	Model Name :	B.RK3288.1
Temperature：	25 ℃	Relative Humidity:	55 %
Test Voltage :	AC 120V/60Hz		
Test Mode ：	TX Mode _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
2.55	1.7989	-0.50	0.8913	0.00031912	1	Complies
2.55	1.7989	1.34	1.3614	0.00048747	1	Complies
2.55	1.7989	1.22	1.3243	0.00047419	1	Complies

EUT：	Android Main Board	Model Name :	B.RK3288.1
Temperature：	25 ℃	Relative Humidity:	55 %
Test Voltage :	AC 120V/60Hz		
Test Mode ：	TX Mode _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
2.55	1.7989	-2.42	0.5728	0.00020509	1	Complies
2.55	1.7989	-0.91	0.8110	0.00029037	1	Complies
2.55	1.7989	-1.04	0.7870	0.00028181	1	Complies

Note: the calculated distance is 20 cm.