

FCC RF EXPOSURE REPORT

FCC ID: PZ3-SSA

Project No. : 1611C178
Equipment : Primex Smart-Sync Analog Clock Movement
Model : B13856
Applicant : Primex Wireless Inc.
Address : 965 WellsSt Lake Geneva Wisconsin United States 53147

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

B T L I N C .

No.3, Jinshagang 1st Road, Shixia, Dalang Town, Dongguan, China.
TEL: +86-769-8318-3000 FAX: +86-769-8319-6000

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	PCB	N/A	0

TEST RESULTS

EUT :	Primex Smart-Sync Analog Clock Movement	Model Name :	B13856
Temperature :	24°C	Relative Humidity:	60 %
Test Voltage :	AC 120V/60Hz		
Test Mode :	CH00, CH19 , CH39 - 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	4.19	2.6242	0.00052234	1	Complies
0	1.0000	4.06	2.5468	0.00050693	1	Complies
0	1.0000	3.94	2.4774	0.00049312	1	Complies

Note: the calculated distance is 20 cm.