

FCC RF EXPOSURE REPORT

FCC ID: PZ3-SSD

Project No. : 1611C060
Equipment : Primex Smart-Sync Digital Clock
Model : B11980, B12028, B11923, B11924, B11980-G,
B12028-G, B11923-G, B11924-G
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 .

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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	PCB	N/A	0

TEST RESULTS

EUT :	Primex Smart-Sync Digital Clock	Model Name :	B11980
Temperature :	22°C	Relative Humidity:	56 %
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	-0.72	0.8472	0.00017	1	Complies
0	1.0000	0.95	1.2445	0.00025	1	Complies
0	1.0000	1.64	1.4588	0.00029	1	Complies

Note: the calculated distance is 20 cm.