Project 10366-10

Prepared for:
Hubbell Building Automation, Inc.
9601 Dessau Road, Suite 100
Austin, Texas 78754

By

Professional Testing (EMI), Inc.
1601 N. A.W. Grimes Blvd., Suite B
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August 12, 2010

MPE / RF Exposure Report
Hubbell Building Automation, Inc.
WIHUBB

Table of Contents

Applicant: Hubbell Building Automation, Inc.

Applicant's Address: 9601 Dessau Road, Suite 100

                          Austin, TX 78754

FCC ID: YH9WIHUBB

IC Number: 9044AWIHUBB

Project Number: 10366-10

Test Dates: August 11 - 12, 2010

I, Jason Anderson, for Professional Testing (EMI), Inc., being familiar with the FCC rules and test procedures have reviewed the test setup, measured data and this report. I believe them to be true and accurate.

Jason Anderson
Director of Testing Services

This report has been reviewed and accepted by Hubbell Building Automation, Inc.. The undersigned is responsible for ensuring that this device will continue to comply with the FCC and IC rules.

1.0   MPE Prediction

Prediction of MPE limit at a given distance was made by using equation from page 18 of OET Bulletin 65, Edition 97-01, and CFR 47, 1.1310.

1.1   Evaluation Procedure

S=PG/4πR²

Where: S = power density

     P= power input to 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

1.2   Evaluation Criteria

MPE limit for uncontrolled exposure at prediction frequency (mW/cm²): f / 1500

f= frequency in MHz

915 / 1500= .61mW/cm²

MPE Prediction Calculation

PROJECT #	DATE	RULE	DISTANCE	ANTENNA	RBW	VBW	DETECTOR
10366-10	August 12, 2010	15.247	N/A	N/A	N/A	N/A	N/A

Calculations

S=PG/4πR²

Where: S = power density

P= power input to 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

MPE WIHUBB

Frequency (MHz)	Peak Output Power (dBm)	Peak Output Power (mW)	Prediction Distance (cm)	Max Antenna Gain (dBi)	Max Antenna Gain (numeric)	Power Density at 20.0 cm (mW/cm²)
902.74	19.7	93.3	20	5.0	3.16	.05868

.05868 < .61 mW/cm²

Result = Pass

COMMENT	Center frequency of band utilized to calculate MPE Limit.