Maximum Permissible Exposure (MPE) Requirement

Applicant: Assa Abloy Inc

Job Number / NEX #278528

Model No.: YRMZB2

This document was prepared in by Nemko-CCL on behalf of the applicant using data collected during testing and information provided by the applicant. The maximum power density requirements for the General Public (Uncontrolled Environment) listed in FCC Part 1.1310 were used. The power density is calculated using the following equation.

$$P_d = \frac{P_t \, G^* \, -}{4\pi r^2}$$

P_d = power density in watts

P_t = transmit power in milliwatts

G = numeric antenna gain

r = distance between body and transmitter in centimeters

* $P_t \, G$ = EIRP

The calculated power density of the EUT listed in this application is calculated below.

Max Transmit Power EIRP (mW):	1.1858E+02		
Operating Frequency (MHz):	2440		
Min Operating Distance (cm):	20	Duty Cycle (%):	100
Power Density (mW/cm^2):		2.36E-02	
Limit (mW/cm^2):		1.00E+00	
Delta:		-9.76E-01	