



Compliance Engineering Ireland Ltd

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Project Number: 16E6335-3a

Prepared for:

Accessa Control Technologies Ltd

By

Compliance Engineering Ireland Ltd

Clonross Lane

Derrockstown

Dunshaughlin

Co. Meath

FCC Site Registration: 92592

FCC ID: 2AILRUSBRD

Date

23rd Jun 2016

FCC EQUIPMENT AUTHORISATION

Test Report

EUT Description

USB RFID multiformat Reader

Authorised :

John McAuley

A handwritten signature in blue ink, reading 'John McAuley', is written over a horizontal line.

RF Exposure Exhibit– Technical Report**1.0 Maximum Permissible Exposure (MPE) for 13.56MHz transmitter****1.1 MPE**

$$S = \frac{PG}{4\pi R^2}$$

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

Radiated Field Strength at 3m	73.11	dBuV/m
Power Conversion factor for antenna distance 3m	-95.2	dB
Tune up factor	0	dB
Time Averaging Factor	0	dB
EIRP Peak	-22.1	dBm
EIRP Peak	0	mW
Prediction distance:	20	cm
Prediction frequency:	13.56	MHz
MPE limit for Uncontrolled/General Population exposure at prediction frequency:	0.98	mW/cm^2
Power density at prediction frequency:	0.000002	mW/cm^2
Power density at prediction frequency:	0.000020	W/m^2
Test Result	Pass	

End of Report