

## **Exhibit: RF Exposure – FCC/ISED**

FCC/ISED RF exposure evaluation of the System in accordance with FCC 1.1310 & RSS-102

**COMMERCIAL-IN-CONFIDENCE** 

FCC ID: Q8SRFIDENC1 IC: 4652A-RFIDENC1

Client	Dormakaba	
Product	Kiosk Secure RFID Encoder	SUD
Standard(s)	FCC 1.1310 & RSS-102	Canada

## RF Exposure – ISED

The EUT contains an several types of transmitters as depicted in the table below.

## Radiofrequency Radiation Exposure Evaluation: Mobile Devices

The power density can be calculate using the formula:

$$P_d = (P_{out}*G) / (4*pi*R^2)$$

where,

f = frequency in MHz

 $P_d$  = Power density in mW/cm<sup>2</sup>

 $P_{out} = Conducted$  output power to antenna in mW

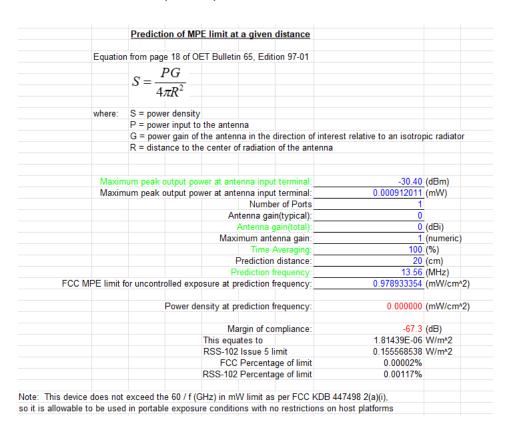
G = Numeric Antenna Gain

Pi = 3.1416

R = uncontrolled distance of 20 cm as per normal operation.

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## **MPE Calculation (RFID):**



Note: The EIRP value was used based on the field strength reading determined at 3 meters and using a factor of 95.2.

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