SAR Exemption Exhibit

Certification

Applicant Name:
Identiv, Inc.
Address:
2201 Walnut Avenue, Suite #100,
Fremont, CA 94538, USA

Date of Issue:
February 3, 2020
Test Site/Location:
EMCE Engineering
1726 Ringwood Avenue San Jose, California USA
Report No.: EMCE-R-2002-002

FCC ID:	**MBPUT3720F-01HF**
IC:	**7485A-3720F01HF**
APPLICANT:	**Identiv, Inc.**

Model:	uTrust 3720 F HF
EUT Type:	RFID Interface Reader
Frequency Range:	13.56 MHz

The measurements shown in this report were made in accordance with the procedures specified in §2.947.
I assume full responsibility for the accuracy and completeness of these measurements, and for the qualifications of all persons taking them

Steve In
Test Engineer
Certification Division

Sunwoo Kim
Technical Manager
Certification Division

EMCE Engineering, Inc., 1726 Ringwood Avenue, San Jose, CA 95131, USA
TEL: +1-510-933-8848 FAX: +1-510-933-8849

Version

TEST REPORT NO.	DATE	DESCRIPTION
EMCE-R-2002-002	February 3, 2020	First Issue

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RF Exposure Statement

The device is a mobile device intended to generally be used in such a way that a separation distance of at least 20 centimeters is normally maintained between the transmitter's radiating structure and the body of the user or nearby persons.

Limit

(B) Limits for General Population/Uncontrolled Exposures

Frequency range (MHz)	Electric field Strength (V/m)	Magnetic field Strength (A/m)	Power density (mW/cm^2)	Averaging time (minutes)
0.3 - 1.34……	614	1.63	*(100)	30
1.34 - 30……	824/f	2.19/f	*(180/ f^2)	30
30 - 300……	27.5	0.073	0.2	30
300 - 1500……	……..	……..	f/1500	30
1500 - 100.000……	……..	……..	1.0	30

F = frequency in MHz
* = Plane-wave equivalent power density

Note.
Limits are not defined for frequencies < 0.3MHz, however the output power of the 125 kHz transmitter is low. The limit for MPE at 300 kHz is applied to determine compliance.

2. MAXIMUM PERMISSIBLE EXPOSURE Prediction

Prediction of MPE limit at a given distance

$S = PG/4\pi R^2$

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

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EVALUATION RESULTS

Freq.(MHz)	Max Power (dBuV/m)	Max Power (dBm)	Max Power (mW)	Power density (mW/cm2)	Limit (mW/cm2)
13.56	75.8	-19.4	0.011482	0.00000228	0.979

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