



**ADVANCE SECURITY INC.**  
3F, 48 Ta An Street, Hsi Chih,  
Taipei, Taiwan  
Phone : (886-2) 8648-1688  
Telexfax : (886-2) 8648-1689  
E-mail : adv4758@ms11.hinet.net

Federal Communications Commission  
Authorization and Evaluation Division  
Equipment Authorization Branch  
7435 Oakland Mills Road  
Columbia, MD 21046

### **Applicant's declaration concerning RF Radiation Exposure**

We hereby indicate that the product  
Product description: TRE901AM  
Model No: CAT1TW6

The equipment complies with FCC RF radiation exposure limits set forth for an uncontrolled environment. The integral antennas used for this transmitter must not be co-located or operating in conjunction with any other antenna or transmitter within the host device.

A safety statement concerning minimum separation distances from enclosure of the Product: TRE901AM will be integrated in the user's manual to provide end-users with transmitter operating conditions for satisfying RF exposure compliance.

The appropriate information can be drawn from the test report no: W6M21809-18449-C-1 and the accompanying calculations.

Company: Advance Security Inc

Address: 3F, 48, Ta An Street, Hsi Chih Taipei Taiwan

Date: 2018-10-04

Signature

A handwritten signature in blue ink, appearing to read "J. Lee", is written over a horizontal line.

### 3.2 RF Exposure Compliance Requirements

FCC Rule: 15.247(b)(3)

Test exclusion = max. conducted output power

Test exclusion = 12.96 dBm

#### RESULT:

Test standard : FCC KDB Publication  
447498 D01 General RF Exposure Guidance v06

According to 447498 D01 General RF Exposure Guidance v06:

SAR evaluation, by measurement or numerical simulation, is not required when the corresponding SAR Exclusion Threshold condition, listed below, is satisfied.

The enclosure of the device provides  $\geq 1$  cm separation from the antenna elements to significant metal parts of the enclosure to minimize potential perturbations.

Frequency Band: 908.3-923.783 MHz

Maximum Power fed to Antenna: 19.7697 mW

Separation distances:

Radiator to user: > 10 mm

Distance prescribed in user manual: > 10 mm

MHz	5	10	15	20	25	mm
900	16	32	47	63	79	SAR Test Exclusion Threshold (mW)

MHz	30	35	40	45	50	mm
900	95	111	126	142	158	SAR Test Exclusion Threshold (mW)

MHz	50	60	70	80	90	100	110	120	130	140	150	160	170	180	190	mm
900	158	218	278	338	398	458	518	578	638	698	758	818	878	938	998	mW