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# RF Exposure Compliance Declaration

**REPORT NO.:** SA111117E01A

**MODEL NO.:** RU-827, RU-827-10X (X :0~9 , A~Z ,  
Configuration Code)

**FCC ID:** MAD-RU-827

**RECEIVED:** Dec. 09, 2011

**ISSUED:** Dec. 22, 2011

**APPLICANT:** Microelectronics Technology Inc.

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**ISSUED BY:** Bureau Veritas Consumer Products Services (H.K.)  
Ltd., Taoyuan Branch

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## RELEASE CONTROL RECORD

ISSUE NO.	REASON FOR CHANGE	DATE ISSUED
Original release	NA	Dec. 22, 2011



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## 1. Certification

**PRODUCT:** RFID UHF 827 SERIES WITH AMS 3992 READER

**MODEL:** RU-827, RU-827-10X (X :0~9 , A~Z , Configuration Code)

**BRAND:** MTI

**APPLICANT:** Microelectronics Technology Inc.

**TEST SAMPLE:** ENGINEERING SAMPLE

**STANDARDS:** FCC Part 2 (Section 2.1093)

**FCC OET Bulletin 65 Supplement C (01-01)**

**FCC KDB 447498 D01**

The above equipment have been evaluated by **Bureau Veritas Consumer Products Services (H.K.) Ltd., Taoyuan Branch**, and found compliance with the requirement of the above standards. The test record, data evaluation & Equipment Under Test (EUT) configurations represented herein are true and accurate accounts of the measurements of the sample's EMC characteristics under the conditions specified in this report.

PREPARED BY :  , DATE : Dec. 22, 2011  
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APPROVED BY :  , DATE : Dec. 22, 2011  
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## 2. Maximum Output Power of EUT

Operating Frequency (MHz)	Maximum Conducted Power (dBm)	Maximum Duty Cycle (%)	Max. Source Based Time Averaged Power (dBm)	Maximum Antenna Gain (dBi)	Maximum EIRP (dBm)
902 - 928	18.0	25	<b>11.98</b>	-0.51	<b>11.47</b>

## 3. SAR Exclusion Level

Frequency Range (MHz)	60/f <sub>GHz</sub>	
	(mW)	(dBm)
902 – 928	66.52	<b>18.23</b>

## 4. Conclusion

No SAR evaluation is required since the output power of EUT (Conducted and EIRP) is less than SAR exclusion level.