



MEASUREMENT REPORT

RF Exposure Evaluation Declaration

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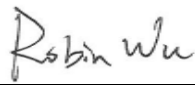
Product: MIFARE MODULE

Model No.: SL030_V3.1

Serial Model No.: SL031_V3.0

Standards: EN 62479: 2010

Reviewed By: 
(Sunny Sun)

Approved By: 
(Robin Wu)



The test results relate only to the samples tested.

The test results shown in the test report are traceable to the national/international standards through the calibration of the equipment and evaluated measurement uncertainty herein.

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Revision History

Report No.	Version	Description	Issue Date	Note
1903RSU035-E2	Rev. 01	Initial report	04-28-2019	Valid

1. Product Information

1.1. Equipment Description

Product Name:	MIFARE MODULE
Model No.:	SL030_V3.1
Serial Model No.:	SL031_V3.0
RFID:	13.56MHz
Antenna Type:	PCB Antenna
Type of modulation:	ASK

Note: The two models only have different names, and the others are all same.

2. RF Exposure Evaluation

2.1. Limits

Low-power electronic and electrical equipment is deemed to comply with the provisions of this standard if it can be demonstrated using routes B, C or D that the available antenna power and/or the average total radiated power is less than or equal to the applicable low-power exclusion level P_{\max} .

Table as below contains example values for P_{\max} derived from existing exposure limits listed in the bibliography, such as the ICNIRP guidelines

Guideline / Standard	SAR limit SAR_{\max} (W/kg)	Averaging mass, m (g)	P_{\max} (mW)	Exposure tier	Region of body
ICNIRP [1]	2	10	20	General public	Head and trunk
	4	10	40	General public	Limbs
	10	10	100	Occupational	Head and trunk
	20	10	200	Occupational	Limbs

2.2. The Result of RF Exposure Evaluation

The maximum EIRP power of the device is -37.76dBm and it is less than 20mW (13.01dBm), so it is compliance with exposure requirement.

_____ The End _____

Appendix A - EUT Photograph

Refer to "1903RSU035-EE" file.