

TEST REPORT

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Report Number: 2604V72274E-RF-00B
FCC ID: 2A6J8-SA017

Test Standard (s)

47 CFR §2.1091

Sample Description

Product Name: AMS 3H
Model No.: SA017
Trade Mark: N/A
Received Date: 2026-07-24
Report Date: 2026-09-05

Test Result:	The EUT complied with the standards above.
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DOCUMENT REVISION HISTORY

Revision Number	Report Number	Description of Revision	Date of Revision
Rev.00	2604V72274E-RF-00B	Original Report	2026-09-05

GENERAL INFORMATION

Product Description for Equipment under Test (EUT)

Product Name	AMS 3H
Tested Model	SA017
Voltage Range [#]	The RFID function of EUT is powered by DC 24V from the Printing section.

Frequency Range	13.56 MHz
Maximum E-Field Strength (Peak) (actual test result)	65.58 dB μ V/m@3m
Antenna Specification	Coil Antenna
Sample Serial Number	3QQN-1 (Assigned by BACL, Shenzhen, Guangming)
Sample/EUT Status	Good condition

Objective

This test report is in accordance with Part 2-Subpart J, Radiofrequency Radiation Exposure of the Federal Communication Commission rules.

The tests were performed in order to determine compliance with 47 CFR §2.1091 rules.

Test Facility

The test site used by Bay Area Compliance Laboratories Corp. (Shenzhen, Guangming) to collect test data is located on the Floor 1, KuMaKe Building, Dongzhou Community, Guangming Street, Guangming District, Shenzhen, Guangdong, China.

Accredited by American Association for Laboratory Accreditation (A2LA).The Certificate Number is 4297.01.

MAXIMUM PERMISSIBLE EXPOSURE (MPE)

Applicable Standard

According to subpart 2.1091 systems operating under the provisions of this section shall be operated in a manner that ensures the public is not exposed to RF energy level in excess of the communication guidelines.

Limits for General Population/Uncontrolled Exposure				
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

MPE Calculated Formulary:

- Predication of MPE limit at a given distance

$$S = \frac{PG}{4\pi R^2}$$

S = power density (in appropriate units, e.g. mW/cm²)

P = power input to the antenna (in appropriate units, e.g., mW).

G = power gain of the antenna in the direction of interest relative to an isotropic radiator, the power gain factor, is normally numeric gain.

R = distance to the center of radiation of the antenna (appropriate units, e.g., cm)

Calculated Result

Frequency (MHz)	Tune up EIRP [#]		Evaluation Distance (cm)	Power Density (mW/cm ²)	MPE Limit (mW/cm ²)
	(dBm)	(mW)			
13.56	-29	0.001	20	0.0000003	0.98

Note 1: The tune-up EIRP is declared by the applicant.

Note 2: E(dBuV/m)=EIRP(dBm)-95.2 for distance 3m

Use the highest E-field strength(65.58 dBμV/m) for the evaluation,

so the EIRP= 65.58 dBμV/m-95.2= -29.62 dBm

To maintain compliance with the FCC's RF exposure guidelines, place the equipment at least 20cm from nearby persons.

Result: Compliance

EXHIBIT A-EUT PHOTOGRAPHS

Please refer to the Attachment No.1 2604V72274E-RF EUT External Photos and Attachment No.2 2604V72274E-RF EUT Internal Photos.

******* END OF REPORT *******