

TEST REPORT

Product Name : RefleTag
Model Number : EAM-RFT-SQR-01, EAM-RFT-RND-01
FCC ID : 2AW6S-RFTSQ01

Prepared for : EAMUS Company limited
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1. TEST RESULT CERTIFICATION

Applicant : EAMUS Company limited
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Manufacturer : EAMUS Company limited
Address : Room 08, 11/F, Siu Wai Industrial Centre, 29-33 Wing Hong St., Cheung Sha Wan, Kowloon, Hong Kong
Factory : EAMUS Company limited
Address : Room 08, 11/F, Siu Wai Industrial Centre, 29-33 Wing Hong St., Cheung Sha Wan, Kowloon, Hong Kong
EUT : RefleTag
Model Name : EAM-RFT-SQR-01, EAM-RFT-RND-01
Trademark : 

Measurement Procedure Used:

APPLICABLE STANDARDS	
STANDARD	TEST RESULT
§ 15.247(i), § 2.1093	PASS

The above equipment was tested by EMTEK(DONGGUAN) CO., LTD. The test data, data evaluation, test procedures, and equipment configurations shown in this report were made in accordance with the procedures given in ANSI C63.10 (2013) and the energy emitted by the sample EUT tested as described in this report is in compliance with the requirements of FCC Rules FCC § 15.247(i), § 2.1093.

The test results of this report relate only to the tested sample identified in this report

Date of Test :

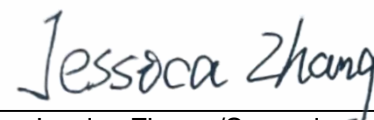
May 07, 2026 to May 22, 2026



Prepared by :

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Reviewer :


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Approve & Authorized Signer :


Sam Lv / Manager

Modified History

Version	Report No.	Revision Date	Summary
	EDG2605070261E00502R	/	Original Report



2. EUT Specification

Characteristics	Description
Product:	RefleTag
Model Number:	EAM-RFT-SQR-01, EAM-RFT-RND-01 Note: The models are all the same, but the model name and product appearance are different. Here, model EAM-RFT-SQR-01 is selected to complete all the tests.
Sample:	1#
Data Rate:	1Mbps for GFSK modulation 2Mbps for GFSK modulation
Modulation:	GFSK
Operating Frequency Range(s) :	2402-2480MHz
Number of Channels:	40 channels
Transmit Power Max:	0.7 dBm(0.001175 W)
Antenna Gain:	2.67 dBi
Power supply:	DC3V from button cell
Evaluation applied:	☐ MPE Evaluation ☒ SAR Evaluation

3. Test Requirement

RF EXPOSURE EVALUATION

According to §15.247(i) and §1.1307(b)(1), systems operating under the provisions of this section shall be operated in a manner that ensures that the public is not exposed to radio frequency energy level in excess of the Commission's guidelines.

The 1-g and 10-g SAR test exclusion thresholds for 100 MHz to 6 GHz at *test separation distances* ≤ 50 mm are determined by:

$[(\text{max. power of channel, including tune-up tolerance, mW})/(\text{min. test separation distance, mm})] \cdot [\sqrt{f_{(\text{GHz})}}] \leq 3.0$ for 1-g SAR and ≤ 7.5 for 10-g extremity SAR,²⁴ where

- $f_{(\text{GHz})}$ is the RF channel transmit frequency in GHz
- Power and distance are rounded to the nearest mW and mm before calculation²⁵
- The result is rounded to one decimal place for comparison
- 3.0 and 7.5 are referred to as the numeric thresholds in the step 2 below

The test exclusions are applicable only when the minimum *test separation distance* is ≤ 50 mm and for transmission frequencies between 100 MHz and 6 GHz. When the minimum *test separation distance* is < 5 mm, a distance of 5 mm according to 5) in section 4.1 is applied to determine SAR test exclusion.

Routine SAR evaluation refers to that specifically required by § 2.1093, using measurements or computer simulation. When routine SAR evaluation is not required, portable transmitters with output power greater than the applicable low threshold require SAR evaluation to qualify for TCB approval. One antenna is available for the EUT. The minimum separation distance is 5mm.

4. Measurement Result

2.67	FCC	SAR					
Channel Frequency (MHz)	Measured Power (dBm)	E.I.R.P(dBm)	Tune upPower (dBm)	Max tune up power(dBm)	Calculation Result	1-g SAR	Verdict
2402	0.70	3.37	3±1	4	0.7786038	3	PASS
2441	0.27	2.94	2±1	3	0.6234676	3	PASS
2480	0.25	2.92	2±1	3	0.6284284	3	PASS
2402	0.69	3.36	3±1	4	0.7786038	3	PASS
2441	0.23	2.90	2±1	3	0.6234676	3	PASS
2480	0.26	2.93	2±1	3	0.6284284	3	PASS

According to KDB 447498, no stand-alone required for BT antenna, and no simultaneous SAR measurement

*** End of Report ***