

Rollease Acmeda Inc

SAR COMPLIANCE REPORT

Report Type:

IC SAR assessment report

Model:

MT01-1145-069017、MT01-1145-069018

REPORT NUMBER:

200800934SHA-002

ISSUE DATE:

Sep 27, 2020

DOCUMENT CONTROL NUMBER:

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Applicant: Rollease Acmeda Inc
750 East Main Street,7th Floor,Stamford Connecticut United States 06902

Manufacturer: Rollease Acmeda Inc
750 East Main Street,7th Floor,Stamford Connecticut United States 06902

Manufacturing site: Ningbo Dooya Mechanic&Electronic Technology Co.,Ltd
NO.168 shengguang road Luotuo street Zhenhai District Ningbo,P.R.China

IC: 21769-MT011145017

SUMMARY:

The equipment complies with the requirements according to the following standard(s) or Specification:
RSS-102: Issue 5 (March 2015)

PREPARED BY:**REVIEWED BY:**

Project Engineer
Stephanie Zhang



Reviewer
Wakeyou Wang

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Revision History

Report No.	Version	Description	Issued Date
200800934SHA-002	Rev. 01	Initial issue of report	Sep 27, 2020

1 GENERAL INFORMATION

1.1 Description of Equipment Under Test (EUT)

Product name:	Electronic Limit-Tubular AC Motor
Type/Model:	MT01-1145-069017、 MT01-1145-069018
Description of EUT:	There are two models, they have different rated torque & rated speed, and the corresponding motors are different. Other control boards, strokes and internal motor structures are the same. MT01-1145-069017 was evaluated as representative in this report.
Rating:	120Vac, 60Hz,269W,2.4A;120Vac,60Hz185W,1.60A
Category of EUT:	Class B
EUT type:	☒ Table top ☐ Floor standing
Software Version:	/
Hardware Version:	/
Sample received date:	2020.9.01
Date of test:	2020.09.01~2020.09.25

1.2 Technical Specification

Operation Frequency:	433.92MHz
Type of Modulation:	FSK
Product Type:	☐ Mobile ☒ Portable ☐ Fix Location
Channel Number:	1

TEST REPORT

1.3 Description of Test Facility

Name:	Intertek Testing Services Shanghai
Address:	Building 86, No. 1198 Qinzhou Road(North), Shanghai 200233, P.R. China
Telephone:	86 21 61278200
Telefax:	86 21 54262353

The test facility is recognized, certified, or accredited by these organizations:	CNAS Accreditation Lab Registration No. CNAS L0139
	FCC Accredited Lab Designation Number: CN1175
	IC Registration Lab Registration code No.: 2042B-1
	VCCI Registration Lab Registration No.: R-4243, G-845, C-4723, T-2252
	NVLAP Accreditation Lab NVLAP LAB CODE: 200849-0
	A2LA Accreditation Lab Certificate Number: 3309.02

TEST REPORT

2 SAR Assessment

Test result: Pass

2.1 SAR Test Exclusion Limit

Frequency (MHz)	Exemption Limits (mW)				
	At separation distance of ≤ 5 mm	At separation distance of 10 mm	At separation distance of 15 mm	At separation distance of 20 mm	At separation distance of 25 mm
≤ 300	71 mW	101 mW	132 mW	162 mW	193 mW
450	52 mW	70 mW	88 mW	106 mW	123 mW
835	17 mW	30 mW	42 mW	55 mW	67 mW
1900	7 mW	10 mW	18 mW	34 mW	60 mW
2450	4 mW	7 mW	15 mW	30 mW	52 mW
3500	2 mW	6 mW	16 mW	32 mW	55 mW
5800	1 mW	6 mW	15 mW	27 mW	41 mW

Frequency (MHz)	Exemption Limits (mW)				
	At separation distance of 30 mm	At separation distance of 35 mm	At separation distance of 40 mm	At separation distance of 45 mm	At separation distance of ≥ 50 mm
≤ 300	223 mW	254 mW	284 mW	315 mW	345 mW
450	141 mW	159 mW	177 mW	195 mW	213 mW
835	80 mW	92 mW	105 mW	117 mW	130 mW
1900	99 mW	153 mW	225 mW	316 mW	431 mW
2450	83 mW	123 mW	173 mW	235 mW	309 mW
3500	86 mW	124 mW	170 mW	225 mW	290 mW
5800	56 mW	71 mW	85 mW	97 mW	106 mW

2.2 Assessment Results

The highest EIRP adjusted with tune-up tolerance is 97.90 dBuV/m, which is equivalent to $2.7\text{dBm} = 1.86\text{mW} < 52\text{mW}$ (Test Exclusion Thresholds of 450MHz at 5mm). Therefore, the SAR requirement is deemed to be satisfied without test.