

TEST REPORT

Ref. n.	TSupPhotos_FCC185070-0	Issue Date:	21/06/2024	Pages:	8
Test object	Type test according to Standard FCC Cfr 47 part 15 - Subpart C - §15.209				
Applicant	M.A.E. ELETTRONICA S.r.l. Via Presolana 33/35 – 24030 Medolago – Bergamo – Italy				
Trade mark					
Manufacturer	M.A.E. ELETTRONICA S.r.l.				
Product	Dashboard with integrated vehicle immobilizer				
Tested model	RTADM003				
FCC Identification number	2AVGH-RTADM003				
Date of test samples receipt	23/05/2024				
No. of tested samples	1 – Sampled by the manufacturer				
Test date	28/05/2024				
Testing site	PRSLAB S.r.l. Unipersonale - Via Campagna 92 - 22020 Faloppio - Como - Italy				
FCC designation number	IT0012				
Test results	COMPLIANT				
Verifications carried out by	Daniele AOSANI Laboratory Engineer				
Approved by	Luana PARISI Reviewer				

The test results reported in this test report shall refer only to the samples tested.

The sample has been provided by the customer and the results apply to the sample as received.

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PRS refuses any responsibility about information provided by the customer contained in this test report.

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0. RELEASE CONTROL RECORD

TEST REPORT NUMBER	REASON OF CHANGE	DATE OF ISSUE
TSupPhotos_FCC185070-0	Original release	21/06/2024

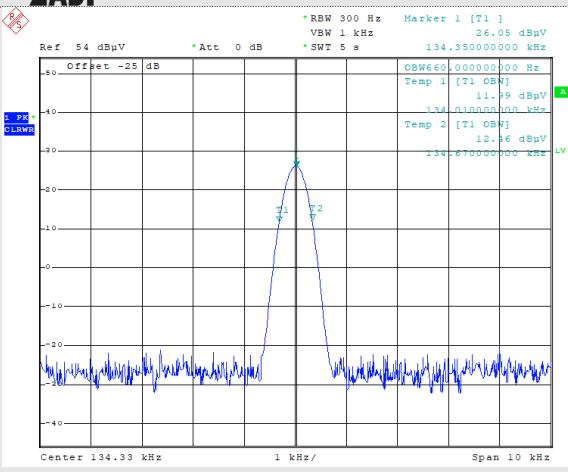
This document is valid in last revision that deletes and replaces the previous one

1. TECHNICAL INFORMATION OF EQUIPMENT UNDER TEST (EUT)

1.1 EUT Identification

DESCRIPTION	Dashboard with integrated vehicle immobilizer
MODEL NAME	RTADM003
FCC ID	2AVGH-RTADM003
SERIAL NO.	MT240090650
PRS LAB INTERNAL REFERENCE	BC 138/2024 4/5
TRADEMARK	
MANUFACTURER	M.A.E. ELETTRONICA S.r.l.
COUNTRY OF MANUFACTURER	Italy
SINGLE UNIT OR SYSTEM	Single
POWER SOURCE	Vehicle battery
SUPPLY VOLTAGE	12Vdc
MAX POWER or MAX ABSORBED CURRENT	NA
OPERATING TEMPERATURE	-40°C ÷ +85°C
SOFTWARE VERSION (Information provided by Customer)	11a.08.08
HARDWARE VERSION (Information provided by Customer)	02.02
DIMENSIONS	19.5 x 9.5 x 4 cm
EUT STANDING	☐ WALL; ☐ CEILING; ☐ TABLE; ☐ FLOOR; ☐ RACK MOUNTED; ☐ BODY WORN; ☐ HANDELD; ☐ PORTABLE; ☐ MOBILE; ☒ VEHICLE
HIGHEST INTERNAL FREQUENCY (Information provided by Customer)	☒ <108MHz; ☐ 108MHz<F<500MHz; ☐ 500MHz<F<1GHz; ☐ F>1GHz

1.2 RFID module technical data

CHIP MANUFACTURER	 TEXAS INSTRUMENTS
CHIP MODEL	TMS3705
ETS CATEGORY	Radio-Frequency Identification (RFID)
FREQUENCY RANGE	100-148 kHz f. band
CENTER FREQUENCY	134.3kHz
TRANSMITTER MAX POWER	24.30dBμV/m Peak@3m distance
TYPE OF MODULATION	ASK
ANTENNA TYPE (Information provided by Customer)	Inductive loop coil
ANTENNA GAIN (Information provided by Customer)	NA
ANTENNA MODEL (Information provided by Customer)	EL216
ANTENNA MANUFACTURER (Information provided by Customer)	 ZADI
MEASURED 99% BW	 99%BW = 660Hz

2. PHOTOGRAPHIC DOCUMENTATION

PHOTO N° 1 - EUT IDENTIFICATION





PHOTO N° 2 - RADIATED EMISSION TEST SETUP



END OF TEST REPORT