

Test report

Number:	T251-0701/21	Project file:	C20211124
		Date:	2021-10-01
		Pages:	4
Product:	Smart key system		
Type reference:	SKM		
Ratings:	12 Vdc Protection class: III		
Trademark:			
Applicant:	RIMAC Automobili d.o.o., Ljubljanska 7, 10431 Sveta Nedelja, HR-Croatia		
Manufacturer:	RIMAC Automobili d.o.o., Ljubljanska 7, 10431 Sveta Nedelja, HR-Croatia		
Place of manufacture:	RIMAC Automobili d.o.o., Ljubljanska 7, 10431 Sveta Nedelja, HR-Croatia		

Summary of testing

Testing method:	47 CFR FCC Part 2.1091
Testing location:	SIQ Ljubljana, Mašera-Spasićeva ulica 10, SI-1000 Ljubljana, Slovenia
Remarks:	Date of receipt of test items: 2021-09-09 Number of items tested: 1 Date of performance of tests: 2021-09-23 The test results presented in this report relate only to the items tested. The product complies with the requirements of the testing methods.

Tested by: Luka Tosetto

Approved by: Marjan Mak

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1 GENERAL

History sheet			
Date	Report No.	Change	Revision
2021-10-01	T251-0701/21	Initial Test Report issued.	--

1.1 Equipment under test

Smart key system

Type: **SKM**

Environment: Uncontrolled / General Public

Assessment distance: 20 cm

FCC ID: **2A2HN-RIM1142**

Reviewed test report T251-0723/21 from SIQ Ljubljana.



2 ASSESSMENT PROCEDURE

MPE EVALUATION OF PORTABLE DEVICES

According to 47 CFR 2.1091 clause (c)(1):

Evaluation of compliance with the exposure limits in § 1.1310 of this chapter, and preparation of an EA if the limits are exceeded, is necessary for mobile devices with single RF sources having either more than an available maximum time-averaged power of 1 mW or more than the ERP listed in Table 1 to § 1.1307(b)(3)(i)(C), whichever is greater.

According to 47 CFR 1.1307 clause (3) Determination of exemption:

(i) For single RF sources (i.e., any single fixed RF source, mobile device, or portable device, as defined in paragraph (b)(2) of this section): A single RF source is exempt if:

(A) The available maximum time-averaged power is no more than 1 mW, regardless of separation distance.

3 MEASUREMENTS / CALCULATIONS

Measured values for each configuration are listed in the following table:

Frequency (kHz)	Maximum* Power with antenna gain and tune-up (dBm)	Maximum* Power with antenna gain and tune-up (mW)	Exemption power limit (mW)
125	-6.95	0.20	1

* Gated power with Duty Cycle calculated in

** maximum tolerance provided from manufacturer is ± 2 dB.

Conclusion: PASS; MPE Evaluation is not required due to exclusion power limit is met.

There is no simultaneous transmission between any other transmitter.