

FCC SAR Exclusion Report



Product name : CowManager Gate

Applicant : CowManager B.V.

FCC ID : Y8K-CMG

IC : 22382-CMG

Test report No. : P000396783 003 Ver 2.00

Laboratory information

Accreditation

Kiwa Nederland B.V. complies with the accreditation criteria for test laboratories as laid down in ISO/IEC 17025:2017. The accreditation covers the quality system of the laboratory as well as the specific activities as described in the authorized annex bearing the accreditation number L248 and is granted by the Dutch Council For Accreditation (RvA: Raad voor Accreditatie).

Kiwa Nederland B.V. is designated by the FCC as an Accredited Test Firm for compliance testing of equipment subject to Certification under Parts 15 & 18. The Designation number is: NL0001.

Kiwa Nederland B.V. is a Wireless Device Testing laboratory recognized by Innovation, Science and Economic Development Canada to test to Canadian radio equipment requirements.
The Industry Canada company number for Kiwa Nederland B.V. is: 4173A. The CABID is NL0001.

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Documentation

The test report must always be reproduced in full; reproduction of an excerpt only is subject to written approval of the testing laboratory. The documentation of the testing performed on the tested devices is archived for 10 years at Kiwa Nederland B.V.

Testing Location

Test Site	Kiwa Nederland B.V.
Test Site location	Wilmersdorf 50 7327 AC Apeldoorn The Netherlands Tel. +31 88998 3393
Test Site FCC	NL0001
CABID	NL0001

Revision History

Version	Date	Remarks	By
v0.50	14-02-2025	First draft	AWM
v1.00	27-05-2025	Final release	AWM
v2.00	05-06-2025	Updated EUT info in 1.3	AWM

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1 General Description

1.1 Applicant

Client name:	CowManager B.V.
Address:	Gerverscop 9, Harmelen, The Netherlands
Zip code:	3481 LT
Telephone:	+31 348 443840
E-mail:	certification@cowmanager.com
Contact name:	Natasha Pasricha

1.2 Manufacturer

Manufacturer name:	CowManager B.V.
Address:	Gerverscop 9, Harmelen, The Netherlands
Zip code:	3481 LT
Telephone:	+31 348 443840
E-mail:	certification@cowmanager.com
Contact name:	Natasha Pasricha

1.3 Tested Equipment Under Test (EUT)

Product name:	CowManager Gate
Brand name:	CowManager®
FCC ID:	Y8K-CMG
IC:	22382-CMG
Product description:	A gating system for livestock, optimized for sorting cows. Purpose to isolate specific cows from a herd to a holding area for further tasks, such as examination or treatment.
Variant model(s):	CMG 2W 1.0
Batch and/or serial No.	0123F177C4ECCAE4
Software version:	2025.01.30
Hardware version:	CMG-1000
Date of receipt:	31-01-2025
Tests started:	03-02-2025
Testing ended:	03-03-2025

1.4

Applicable standards

47 CFR § 1.1307 (b)(1)(i)(A)

1.5 Conclusions

The sample of the product showed **NO NON-COMPLIANCES** to the specifications stated in paragraph 1.4 of this report.

The results of the test as stated in this report, are exclusively applicable to the product items as identified in this report. Kiwa Nederland B.V. accepts no responsibility for any properties of product items in this test report, which are not supported by the tests as specified in paragraph 1.4 "*Applicable standards*".

Assessment is performed by:

Name : ing. A.W. Mostert

Review of assessment methods and report by:

Name : ing. Maaz. H. Khan

The above conclusions have been verified by the following signatory:

Date : 15-09-2026

Name : ing. M.H. Khan

Function: Test Engineer

Signature

A handwritten signature in black ink, consisting of a series of vertical, wavy lines followed by a horizontal stroke.

2 SAR exclusion Evaluation

2.1 Transmitter specificationst

Transmitter 1:

The EUT has four RFID tag readers transmitting continuously at 134.2 kHz. The spurious limit at this frequency is $2400/F(\text{kHz}) \text{ uV/m}$ at 300 meter. Therefore, the limit is 17.883 uV/m at 134.2 kHz. The spurious limit converted to dBuV/m, is 25.049 dBuV/m. The measured peak at 134.2 kHz is 24.9 dBuV/m at 300 meters.

2.2 Evaluation calculations

The measured peak is below the spurious limit. The environmental impact of the human exposure to this frequency and peak, can be viewed as safe and harmless.

2.3 Conclusion

Since the EUT does not cause exposure in excess of the general population limit (defined in 47 CFR 1.1310 e) (ii)), no additional mitigation actions are required.

<<END OF REPORT>>