

Prüfbericht-Nr.: <i>Test report no.:</i>	CN25AUX8 002	Auftrags-Nr.: <i>Order no.:</i>	168564786	Seite 1 von 10 Page 1 of 10	
Kunden-Referenz-Nr.: <i>Client reference no.:</i>	N/A	Auftragsdatum: <i>Order date:</i>	2025-07-08		
Auftraggeber: <i>Client:</i>	reMarkable AS Fridtjof Nansens Vei 12 0369 OSLO Norway				
Prüfgegenstand: <i>Test item:</i>	reMarkable RM04D				
Bezeichnung / Typ-Nr.: <i>Identification / Type no.:</i>	RM04D (Trademark: reMarkable)				
Auftrags-Inhalt: <i>Order content:</i>	Test Report				
Prüfgrundlage: <i>Test specification:</i>	CFR47 FCC Part 2.1093				
Wareneingangsdatum: <i>Date of sample receipt:</i>	2025-07-02	Refer to photos document			
Prüfmuster-Nr.: <i>Test sample no.:</i>	A004035961				
Prüfzeitraum: <i>Testing period:</i>	2025-07-29 – 2025-08-08				
Ort der Prüfung: <i>Place of testing:</i>	TÜV Rheinland (Shenzhen) Co., Ltd.				
Prüflaboratorium: <i>Testing laboratory:</i>	TÜV Rheinland (Shenzhen) Co., Ltd.				
Prüfergebnis*: <i>Test result*:</i>	Pass				
geprüft von: <i>tested by:</i>			genehmigt von: <i>authorized by:</i>		
Datum: <i>Date:</i>	2026-02-28	Signed by: Harry W. C. Wu		Ausstellungsdatum: <i>Issue date:</i>	2026-02-28
Stellung / Position:		Sachverständige(r)/Expert		Stellung / Position:	
Sachverständige(r)/Expert		Sachverständige(r)/Expert			
Sonstiges / <i>Other:</i>	FCC ID: 2AMK2-RM04DA				
Zustand des Prüfgegenstandes bei Anlieferung: <i>Condition of the test item at delivery:</i>			Prüfmuster vollständig und unbeschädigt <i>Test item complete and undamaged</i>		
* Legende: P(ass) = entspricht o.g. Prüfgrundlage(n) F(ail) = entspricht nicht o.g. Prüfgrundlage(n) N/A = nicht anwendbar N/T = nicht getestet * Legend: P(ass) = passed a.m. test specification(s) F(ail) = failed a.m. test specification(s) N/A = not applicable N/T = not tested					
Dieser Prüfbericht bezieht sich nur auf das o.g. Prüfmuster und darf ohne Genehmigung der Prüfstelle nicht auszugsweise vervielfältigt werden. Dieser Bericht berechtigt nicht zur Verwendung eines Prüfzeichens. <i>This test report only relates to the above mentioned test sample. Without permission of the test center this test report is not permitted to be duplicated in extracts. This test report does not entitle to carry any test mark.</i>					

Prüfbericht-Nr.: CN25AUX8 002
Test report no.:

Seite 2 von 10
Page 2 of 10

Anmerkungen
Remarks

1	Alle eingesetzten Prüfmittel waren zum angegebenen Prüfzeitraum gemäß eines festgelegten Kalibrierungsprogramms unseres Prüfhauses kalibriert. Sie entsprechen den in den Prüfprogrammen hinterlegten Anforderungen. Die Rückverfolgbarkeit der eingesetzten Prüfmittel ist durch die Einhaltung der Regelungen unseres Managementsystems gegeben. Detaillierte Informationen bezüglich Prüfkonditionen, Prüfequipment und Messunsicherheiten sind im Prüflabor vorhanden und können auf Wunsch bereitgestellt werden. <i>The equipment used during the specified testing period was calibrated according to our test laboratory calibration program. The equipment fulfils the requirements included in the relevant standards. The traceability of the test equipment used is ensured by compliance with the regulations of our management system. Detailed information regarding test conditions, equipment and measurement uncertainty is available in the test laboratory and could be provided on request.</i>
2	Wie vertraglich vereinbart, wurde dieses Dokument nur digital unterzeichnet. Der TÜV Rheinland hat nicht überprüft, welche rechtlichen oder sonstigen diesbezüglichen Anforderungen für dieses Dokument gelten. Diese Überprüfung liegt in der Verantwortung des Benutzers dieses Dokuments. Auf Verlangen des Kunden kann der TÜV Rheinland die Gültigkeit der digitalen Signatur durch ein gesondertes Dokument bestätigen. Diese Anfrage ist an unseren Vertrieb zu richten. Eine Umweltgebühr für einen solchen zusätzlichen Service wird erhoben. Informationen zur Verifizierung der Authentizität unserer Dokumente erhalten Sie auf folgender Webseite: go.tuv.com/digital-signature <i>As contractually agreed, this document has been signed digitally only. TUV Rheinland has not verified and unable to verify which legal or other pertaining requirements are applicable for this document. Such verification is within the responsibility of the user of this document. Upon request by its client, TUV Rheinland can confirm the validity of the digital signature by a separate document. Such request shall be addressed to our Sales department. An environmental fee for such additional service will be charged. For information on verifying the authenticity of our documents, please visit the following website: go.tuv.com/digital-signature</i>
3	Prüfklausel mit der Note * wurden an qualifizierte Unterauftragnehmer vergeben und sind unter der jeweiligen Prüfklausel des Berichts beschrieben. Abweichungen von Prüfspezifikation(en) oder Kundenanforderungen sind in der jeweiligen Prüfklausel im Bericht aufgeführt. <i>Test clauses with remark of * are subcontracted to qualified subcontractors and described under the respective test clause in the report.</i> <i>Deviations of testing specification(s) or customer requirements are listed in specific test clause in the report.</i>
4	Die Entscheidungsregel für Konformitätserklärungen basierend auf numerischen Messergebnissen in diesem Prüfbericht basiert auf der "Null-Grenzwert-Regel" und der "Einfachen Akzeptanz" gemäß ILAC G8:2019 und IEC Guide 115:2021, es sei denn, in der auf Seite 1 dieses Berichts genannten angewandten Norm ist etwas anderes festgelegt oder vom Kunden gewünscht. Dies bedeutet, dass die Messunsicherheit nicht berücksichtigt wird und daher auch nicht im Prüfbericht angegeben wird. Zu weiteren Informationen bezüglich des Risikos durch diese Entscheidungsregel siehe ILAC G8:2019. <i>The decision rule for statements of conformity, based on numerical measurement results, in this test report is based on the "Zero Guard Band Rule" and "Simple Acceptance" in accordance with ILAC G8:2019 and IEC Guide 115:2021, unless otherwise specified in the applied standard mentioned on Page 1 of this report or requested by the customer. This means that measurement uncertainty is not taken in account and hence also not declared in the test report. For additional information to the resulting risk based of this decision rule please refer to ILAC G8:2019.</i>

Contents

1	GENERAL REMARKS	4
1.1	COMPLEMENTARY MATERIALS.....	4
2	TEST SITES.....	4
2.1	TEST FACILITIES	4
2.2	LIST OF TEST AND MEASUREMENT INSTRUMENTS	4
2.3	TRACEABILITY	5
2.4	CALIBRATION.....	5
2.5	MEASUREMENT UNCERTAINTY	5
2.6	LOCATION OF ORIGINAL DATA	5
2.7	STATUS OF FACILITY USED FOR TESTING	5
3	GENERAL PRODUCT INFORMATION	6
3.1	PRODUCT FUNCTION AND INTENDED USE	6
3.2	RATINGS AND SYSTEM DETAILS.....	6
3.3	INDEPENDENT OPERATION MODES.....	6
3.4	NOISE GENERATING AND NOISE SUPPRESSING PARTS	6
3.5	SUBMITTED DOCUMENTS.....	6
3.6	TEST SETUP DIAGRAM	7
3.7	SPECIAL ACCESSORIES AND AUXILIARY EQUIPMENT	7
4	SAFETY HUMAN EXPOSURE.....	8
4.1	RADIO FREQUENCY EXPOSURE COMPLIANCE.....	8
4.1.1	<i>Test procedures according to the technical standards.....</i>	<i>8</i>
4.1.2	<i>Limit of Maximum Permissible Exposure.....</i>	<i>8</i>
4.1.3	<i>Test Result</i>	<i>9</i>
5	PHOTOGRAPHS OF THE TEST SET-UP	10
6	LIST OF TABLES.....	10

1 General Remarks

1.1 Complementary Materials

All attachments are integral parts of this test report. This applies especially to the following appendix:
Appendix A: Photographs of the Test Set-up

2 Test Sites

2.1 Test Facilities

TÜV Rheinland (Shenzhen) Co., Ltd.

2-3F, 101 & 102, No.2, Nuclear Power Industrial Park, Fuming Community, Fucheng Street, Longhua District, Shenzhen 518000, China

FCC Accreditation Designation No.: CN1260

2.2 List of Test and Measurement Instruments

Table 1: List of Test and Measurement Equipment

EMF				
Equipment	Manufacturer	Model	Serial No.	Cal. until
Electric and Magnetic Field Analyzer	Narda	EHP200A	180ZX20517	26.09.2027

2.3 Traceability

All measurement equipment calibrations are traceable to NIM (National Institute of Metrology) or where calibration is performed in other countries, to equivalent nationally recognized standards organizations.

2.4 Calibration

Equipment requiring calibration is calibrated periodically by the manufacturer or according to manufacturer's specifications. Additionally all equipment is verified for proper performance on a regular basis using in house standards or comparisons.

2.5 Measurement Uncertainty

The estimated combined standard uncertainty for radiated emissions and conducted emissions measurements as below table.

Table 2: Measurement Uncertainty

Parameter	Uncertainty
Magnetic Field Emissions (A/m)	$\pm 1.2\mu\text{T}$
Electric Field Emissions (V/m)	$\pm 18\%$

2.6 Location of Original Data

The original copies of all test data taken during actual testing were attached at Appendix A of this report and delivered to the applicant. A copy has been retained in the TÜV Rheinland (Shenzhen) Co., Ltd. file for certification follow-up purposes.

2.7 Status of Facility Used for Testing

The Shenzhen Huaxia Testing Technology Co., Ltd. Test facility located at 2-3F, 101 & 102, No.2, Nuclear Power Industrial Park, Fuming Community, Fucheng Street, Longhua District, Shenzhen 518000, China is listed on the US Federal Communications Commission list of facilities approved to perform measurements.

3 General Product Information

3.1 Product Function and Intended Use

The product is active stylus and operate with a drawing board, the pen tip supports USI (110.1-489.9kHz) and the pen tail supports NFC Wireless charging (receiver 13.56MHz) technologies.

For details refer to the User Manual, Technical Description and Circuit Diagram.

3.2 Ratings and System Details

Table 3: Technical Specification of EUT

General Information of EUT	Value
Product Name:	reMarkable RM04D
Model No.:	RM04D
Trademark:	reMarkable
FCC ID:	2AMK2-RM04DA
Operating Voltage:	DC 3.85V, 80mAh via built-in battery Or DC 4.4V, 60mA, 500mW maximum via NFC wireless charging (NFC is receiver)
Technical Specification of USI	
Operating Frequency	110.1 kHz ~ 489.9 kHz
Type of Modulation	CW
Antenna Type	Integral Antenna
Antenna number	1
Antenna Gain	0 dBi Max

3.3 Independent Operation Modes

The basic operation modes are:

- A. On, Wireless Operating
- B. ON, Standby

3.4 Noise Generating and Noise Suppressing Parts

Refer to Circuit Diagram for further details.

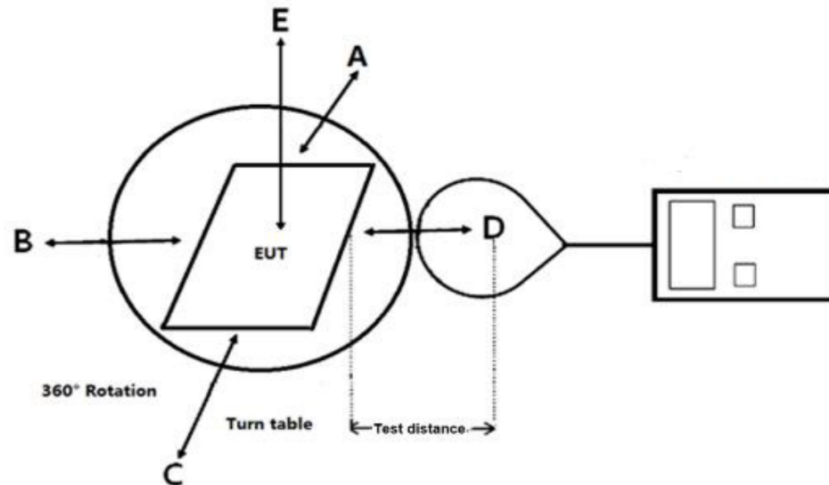
3.5 Submitted Documents

- Application Form

- ID Label and Location Info

3.6 Test Setup Diagram

Diagram of Measurement Configuration



3.7 Special Accessories and Auxiliary Equipment

Table 4: List of Accessories and Auxiliary Equipment

Description	Manufacturer	Model	S/N
paper tablet	reMarkable	RM12AA	/

4 Safety Human Exposure

4.1 Radio Frequency Exposure Compliance

4.1.1 Test procedures according to the technical standards

Standards	Test Item	Judgment	Remark
FCC CFR 47 part1, 1.1310 KDB680106 D01v03r01	Electric Field Strength (E) (V/m)	PASS	-
	Magnetic Field Strength (H) (A/m)	PASS	-

4.1.2 Limit of Maximum Permissible Exposure

Limit of Maximum Permissible Exposure

Frequency range (MHz)	Electric field strength (V/m)	Magnetic field strength (A/m)	Power density (mW/cm ²)	Averaging time (minutes)
(A) Limits for Occupational/Controlled Exposure				
0.3-3.0	614	1.63	*100	6
3.0-30	1842/f	4.89/f	*900/f ²	6
30-300	61.4	0.163	1.0	6
300-1,500			f/300	6
1,500-100,000			5	6
(B) Limits for General Population/Uncontrolled Exposure				
0.3-1.34	614	1.63	*100	30
1.34-30	824/f	2.19/f	*180/f ²	30
30-300	27.5	0.073	0.2	30
300-1,500			f/1500	30
1,500-100,000			1.0	30

f = frequency in MHz * = Plane-wave equivalent power density

Note 1: f = frequency in MHz ; *Plane-wave equivalent power density.

Note 2: For the applicable limit, see FCC 1.1310, 680106 D01 RF Exposure Wireless Charging Apps v03.

Note 3: Emissions between 100 kHz to 300 kHz should be assessed versus the limits at 300 kHz in Table 1 of Section 1.1310: 614 V/m and 1.63 A/m. A KDB inquiry is required to determine the applicable exposure limits below 100 kHz.

Note 4: Measurement was made from all sides and the top of the client pair, with the 0 cm measured from the center of the probe to the edge of the device. The highest emission level was recorded.

Prüfbericht - Nr.: CN25AUX8 002
Test Report No.:Seite 9 von 10
Page 9 of 10

4.1.3 Test Result

RF Exposure Evaluation - Magnetic Field Emissions

Test Mode	Test Position	Test Distance (cm)	Measure Value (A/m)	Limit (A/m)	50% Limit (A/m)	Result
Operating	Front	0	0.086	1.63	0.815	PASS
	Rear	0	0.069	1.63	0.815	PASS
	Left	0	0.078	1.63	0.815	PASS
	Right	0	0.085	1.63	0.815	PASS
	Top	0	0.065	1.63	0.815	PASS
	Bottom	0	0.073	1.63	0.815	PASS

RF Exposure Evaluation - Electric Field Emissions

Test Mode	Test Position	Test Distance (cm)	Measure Value (V/m)	Limit (V/m)	50% Limit (V/m)	Result
Operating	Front	0	3.28	614	307	PASS
	Rear	0	3.33	614	307	PASS
	Left	0	3.01	614	307	PASS
	Right	0	2.96	614	307	PASS
	Top	0	3.06	614	307	PASS
	Bottom	0	3.53	614	307	PASS

5 Photographs of the Test Set-Up

For photographs of the test set-up, refer to the appendix A.

6 List of Tables

Table 1: List of Test and Measurement Equipment.....	4
Table 2: Measurement Uncertainty	5
Table 3: Technical Specification of EUT.....	6
Table 4: List of Accessories and Auxiliary Equipment.....	7