



RF Exposure Evaluation

FCC ID : 2ANZQ-RFC23HF
Applicant : Contrinex AG
Application Type : Certification
Product : RLH-C23TA-NHV
Model No. : RLH-C23TA-NHV-224
Brand Name : Contrinex
FCC Rule Part(s) : Part 2.1091 (Mobile)
Received Date : 2026-06-24

Reviewed By : 
(Paddy Chen)
Approved By : 
(Chenz Ker)



The test results relate only to the samples tested.

The test results shown in the test report are traceable to the national/international standards through the calibration of the equipment and evaluated measurement uncertainty herein.

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Revision History

Report No.	Version	Description	Issue Date	Note
2606TW0125-U3	V1.0	Original Report	2026-07-31	Valid

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1. General Information

1.1. Applicant

Contrinex AG

Route du Paqui 3, CH-1720 Corminboeuf, Switzerland

1.2. Manufacturer

Contrinex AG

Route du Paqui 3, CH-1720 Corminboeuf, Switzerland

1.3. Testing Facility

☒	Test Site 1 - MRT Taiwan Laboratory
	Laboratory Location
	No. 38, Fuxing 2nd Rd., Guishan Dist., Taoyuan City 333, Taiwan (R.O.C.)
	Laboratory Accreditations
	TAF: 3261
	FCC: 291082, TW3261
	ISED: TW3261
☐	Test Site 2 - MRT Taiwan Laboratory
	Laboratory Location
	No. 64, Wenming Rd , Guishan Dist , Taoyuan City 333, Taiwan (R.O.C.)
	Laboratory Accreditations
	TAF: 3261
	FCC: 291082, TW3261
	ISED: TW3261

2. PRODUCT INFORMATION

2.1. Feature of Equipment under Test

Product Name	RLH-C23TA-NHV
Model No.	RLH-C23TA-NHV-224
RFID Specification	13.56 MHz
Operating Temperature	-25 ~ 80 °C
Power Type	DC 24V
Note: The information of the EUT (Equipment Under Test) was provided by the manufacturer. The accuracy, completeness, and validity of the information are solely the responsibility of the manufacturer.	

2.2. Description of Available Antennas

Antenna Type	PCB Loop Antenna
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3. RF Exposure Evaluation

3.1. Limits

The 1 mW Blanket Exemption of § 1.1307(b)(3)(i)(A) applies for single fixed, mobile, and portable RF sources with available maximum time-averaged power of no more than 1 mW, regardless of separation distance.

The 1 mW blanket exemption applies at separation distances less than 0.5 cm, including where there is no separation. This exemption shall not be used in conjunction with other exemption criteria other than those for multiple RF sources in paragraph § 1.1307(b)(3)(ii)(A).

The 1 mW exemption is independent of service type and covers the full range of 100 kHz to 100 GHz, but it shall not be used in conjunction with other exemption criteria or in devices with higher-power transmitters operating in the same time-averaging period. Exposure from such higher-power transmitters would invalidate the underlying assumption that exposure from the lower-power transmitter is the only contributor to SAR in the relevant volume of tissue.

3.2. Test Result of RF Exposure Evaluation

Product	RLH-C23TA-NHV
Test Item	RF Exposure Evaluation

Mode	Frequency Band (MHz)	EIRP Output Power (dBm)	EIRP Output Power (mW)	SAR Test Exclusion Limit (mW)
RFID	13.56	-46.56	0.0000022	1

So, this device can complies the SAR test exclusion.

Note:

For data on output power, please refer to RFID Test Report No. 2606TW0125-U2.
(this data has been converted).

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