



SAR Test exclusion documentation according to CFR 47 §1.1307, RSS-102

Report identification number: 1-5872-23-01-05_TR1-R01 Exemption (FCC)

contains the module with the following certification numbers	
FCC ID	2AYFHHP2

This test report is electronically signed and valid without handwritten signature. For verification of the electronic signatures, the public keys can be requested at the testing laboratory.

Document authorised:

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EUT technologies:

Frequency / Range:	Max. measured E.I.R.P:		Qualified for 1mW blanket exemption
	(dBm)	(µW)	
434 MHz Proprietary	-25.69	2.69	yes

NOTES:

For this calculation the EIRP was used instead of the conducted power as it represents the worst case scenario. Test results taken from cetecom advanced GmbH report 1-5872/23-01-03.

Max Average power: 69.54 dBµV/m @3m = -25.69 dBmEIRP

Blanket test exemption according CFR 47 §1.1307:

§1.1307(b)(3)(i)(A) – A single RF source is exempt if the available maximum time-averaged power is **no more than 1 mW**, regardless of separation distance.

(Applicable from 100 kHz to 100 GHz)

Max. EIRP declared by manufacturer: < 0.1 mW

(Qualified for blanket exemption)

As the device is designed to be inside the human body for a time period, the following also applies:

3.3.4 Transmitters Implanted in the Body of a User As discussed in Section 2.1.2, when the aggregate of the maximum power available at the antenna port and radiating structures of an implanted transmitter, under all operating circumstances, is less than or equal to 1.0 mW, a SAR test exemption applies. Otherwise, a KDB inquiry is required to determine the appropriate SAR measurement or numerical simulation procedures, or both.