

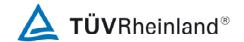
Prüfbericht-Nr.: 50089089 001 Auftrags-Nr.: 154243722 Seite 1 von 7 Test Report No.: Order No.: Page 1 of 7 Kunden-Referenz-Nr.: 52195561 Auftragsdatum: 26.04.2017 Client Reference No.: Order date: Auftraggeber: **AXENT Corporation Ltd.** Client: 3 Musick, Irvine CA 92618 USA Intelligent toilet (Remote Controller) Prüfgegenstand: Test item: Bezeichnung / Typ-Nr.: A011-0101 Identification / Type No.: FCC ID: 2AL4GREMOTE Auftrags-Inhalt: Complete test Order content: FCC KDB # 447498 D01 V06 Prüfgrundlage: Test specification: Wareneingangsdatum: 05.05.2017 Date of receipt: Prüfmuster-Nr.: A000540881-001 Test sample No.: Prüfzeitraum: Refer to test reports Testing period: Please refer to the External Photos Ort der Prüfung: MRT Technology(Suzhou) Place of testing: Co., Ltd. TÜV Rheinland (Shanghai) Prüflaboratorium: Testing laboratory: Co., Ltd. Prüfergebnis*: **Pass** Test result*: geprüft von / tested by: kontrolliert von I reviewed by: Elliot Zhang / Assistant Project Manager Shi Li / Department Manager 11.07.2017 11.07.2017 Name / Stellung Name / Stellung Datum Unterschrift Datum Unterschrift Date Name / Position Signature Date Name / Position Signature Sonstiges I Other Zustand des Prüfgegenstandes bei Anlieferung: Prüfmuster vollständig und unbeschädigt Condition of the test item at delivery: Test item complete and undamaged * Legende: 1 = sehr gut 3 = befriedigend 4 = ausreichend 5 = mangelhaft P(ass) = entspricht o.g. Prüfgrundlage(n) F(ail) = entspricht nicht o.g. Prüfgrundlage(n) N/A = nicht anwendbar N/T = nicht getestet Leaend: 1 = verv good 2 = good3 = satisfactory 4 = sufficient 5 = poorN/A = not applicable P(ass) = passed a.m. test specification(s) F(ail) = failed a.m. test specification(s) 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.

This test report only relates to the a. m. 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.



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	TEST SUMMARY	
2.2.1 EVALUATION FOR 24 RESULT: Pass	411MHz FSK Transmitter	



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1. General Product Information

1.1 Product Function and Intended Use

The EUT (Equipment Under Test) is a remote controller which using a 2.4GHz wireless module to control the intelligent toilet.

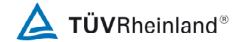
The aim of this report is to evalute the RF Exposure of the EUT.

For details refer to the User Manual and Circuit Diagram.

1.2 Ratings and System Details

Table 1: Technical Specification of EUT

General Description of	EUT
Product Name:	Intelligent toilet (Remote Controller)
Model No.:	A011-0101
Rated Voltage:	DC 3.7V
2.4GHz Wireless module	
Frequency:	2411MHz
Modulation Type:	FSK
Antenna Type:	PCB Antenna
Antenna Gain:	0 dBi



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2. RF Exposure

2.1 FCC Requirement and Limit

According to FCC KDB # 447498 D01 V06, Clause 4.3.1

(a) For 100MHz to 6 GHz and test separation distances \leq 50 mm, the 1-g and 10-g SAR test exclusion thresholds are determined by the following:

 $\frac{\text{(max. power of channel, including tune - up tolerance, mW)}}{\text{(GHz)}} \times \sqrt{f(\text{GHz})}$

(min. test separation distance, mm)

 \leq 3.0, for 1-g SAR, and \leq 7.5, for 10-g extremity SAR

Produkte Products

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2.2 FCC Evaluation Results

2.2.1 Evaluation for 2411MHz FSK Transmitter

RESULT: Pass

According to the RF test report No. 50089088 001 issued by TÜV Rheinland (Shanghai) Co., Ltd. And the maximum conducted output power declared in the operation description.

The Max EIRP is:

Table 2: Evaluation for 2411MHz FSK Transmitter

Frequency	Maximum EIRP	Maximum EIRP
[GHz]	[dBm]	[mW]
2.411	-12.5	

And for the frequency 2.411GHz, the SAR test exclusion thresholds at the test separation distance 5mm is,

1-g SAR test exclusion thresholds = 9.660345383mW

Conclusion

The device is excluded for SAR test and complies with the FCC exposure requirements since the maximum conducted peak output power is lower than the SAR test exclusion thresholds.

¹⁰⁻g SAR test exclusion thresholds = 24.15086346mW



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