

FCC RF Exposure Report

Product name : Easycontrol
FCC ID : 2AODDCT200
ISED ID : 23386-CT200

Test report No. : 170601858 FCC RF exposure Ver 1.00

Laboratory information

Accreditation

Telefication 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

The Industry Canada registration number for the 3 meter test chamber of Telefication is: 4173A-1.

Documentation

Telefication complies with the accreditation criteria for test laboratories as laid down in ISO/IEC 17025:2005. 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 L021 and is granted on 30 November 1990 by the Dutch Council For Accreditation (RvA: Raad voor Accreditatie).

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 Telefication Nederland

Testing Location

Test Site	Telefication BV
Test Site location	Edisonstraat 12a 6902 PK Zevenaar The Netherlands Tel. +31316583180 Fax. +31316583189
Test Site FCC	NL0001



Report number: 170600688 FCC RF
exposure Ver 1.00

Revision History

Version	Date	Remarks	By
V1.00	12-12-2017	Release version	PS

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1 General Description

1.1 Applicant

Client name:	Bosch Thermotechnik GmbH
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Zip code:	D-73249 Wernau, Germany
Contact name:	Andreas Kirchner-Gellert
E-mail:	Andreas.Kirchner-Gellert@de.bosch.com

1.2 Manufacturer

Manufacturer name:	Bosch Thermotechnik GmbH
Address:	Junkersstrasse 20-24
Zip code:	D-73249 Wernau, Germany
Contact name:	Andreas Kirchner-Gellert
E-mail:	Andreas.Kirchner-Gellert@de.bosch.com

1.3 Tested Equipment Under Test (EUT)

Product description:	Control device
Main trademark:	Bosch
Main type designation:	Easycontrol White, CT200
FCC ID:	2AODDCT200
ISED ID	23386-CT200
Variant:	Easycontrol Black, CT200B
Software version:	RRCNG 00.08.01

1.4 MPE Calculation Method

Calculation method of RF Safety Distance:

$$PD = 10 * \frac{P_{out} * G}{4\pi r^2}$$

Where:

PD = Power Density in W/m^2

Pout = Output power in mW

G = Gain of antenna

R = Distance between observation point and centre of the radiator in cm

1.5 Antenna

Technology	WiFi	ZigBee
Antenna type	PCB	PCB
Antenna gain	3.2 dBi	3.2 dBi

1.6 Calculation results

[illegible]