Equipment Description

Technical Description: *(Please provide a brief description of the intended use of the equipment including the technologies the product supports)*	The WIFI module is a complete integrated WLAN 802.11b/g/n radio transceiver solution based on the TI CC3130R SimpleLink wireless network processor.
Manufacturer:	Grundfos Holding A/S
Model:	RA2G4WIFI
Part Number:	92701736
Hardware Version:	V004
Software Version:	TI service pack ver. 4.7.0.3.3.1.0.5.3.1.0.26
FCC ID of the product under test – see guidance here	OG3-RA2G4WIFI
IC ID of the product under test – see guidance here	10447A-RA2G4WIFI

Intentional Radiators

Technology	2.4GHz WiFi					
Frequency Range (MHz to MHz)	2400- 2483.5					
Conducted Declared Output Power (dBm)	16.05dBm					
Antenna Gain (dBi)	2.15					
Supported Bandwidth(s) (MHz) (e.g. 1 MHz, 20 MHz, 40 MHz)	20					
Modulation Scheme(s) (e.g. GFSK, QPSK etc)	DSSS, OFDM					
ITU Emission Designator (see guidance here) (not mandatory for Part 15 devices)						
Bottom Frequency (MHz)	2412					
Middle Frequency (MHz)	2437					
Top Frequency (MHz)	2462					

Un-intentional Radiators

Highest frequency generated or used in the device or on which the device operates or tunes	2483.5MHz
Lowest frequency generated or used in the device or on which the device operates or tunes	2400MHz
Class A Digital Device (Use in commercial, industrial or business environment) ☐ Class B Digital Device (Use in residential environment only) ☐	

AC Power Source

AC supply frequency:		Hz
Voltage		V
Max current:		A
Single Phase ☐ Three Phase ☐		

DC Power Source

Nominal voltage:	3.3	V
Extreme upper voltage:	3.6	V
Extreme lower voltage:	2.1	V
Max current:	272m	A

Charging

Can the EUT transmit whilst being charged	Yes ☐ No ☒

Temperature

Minimum temperature:	-40	°C
Maximum temperature:	85	°C

Cable Loss

Adapter Cable Loss (Conducted sample)	0.2	dB

Antenna Characteristics

Antenna connector ☐			State impedance		Ohm
Temporary antenna connector ☐			State impedance		Ohm
Integral antenna ☒	Type:	F type	Gain	2.15	dBi
External antenna ☐	Type:		Gain		dBi
For external antenna only: Standard Antenna Jack ☐ If yes, describe how user is prohibited from changing antenna (if not professional installed): Equipment is only ever professionally installed ☐ Non-standard Antenna Jack ☐					

Ancillaries (if applicable)

Manufacturer:		Part Number:	
Model:		Country of Origin:	

I hereby declare that the information supplied is correct and complete.

Name: Thomas Young Olesen
Position held: Senior Manager, Safety and Digital Product Compliance
Date: 2022/10/20