U-NII Device Declaration Letter

Federal Communication Commission
Equipment Authorization Division, Application Processing Branch
7435 Oakland Mills Road
Columbia, MD 21048

Certification and Engineering Bureau
Innovation, Science and Economic Development Canada
Spectrum Engineering Branch
3701 Carling Avenue, Building 94
Ottawa, Ontario K2H 8S2

TO WHOM IT MAY CONCERN

We herewith declare for our module with the following ID(s):

	Grantee Code	Equipment Product Code
FCC ID:	VO9	-H232

Check your GC here. Click Grantee Search. *Check your CN here.*

CN: (Company Number)	3100B	**UPN:** (Unique Product Number)	H232
HVIN: (Hardware Version Id. Number)	H232-HBM 4.5	**PMN:** (Product Marketing Name)	cobas h 232
HMN: (Host Marketing Name)	-/-	**FVIN:** (Firmware Version Id. Number)	-/-

1. Device functionality

WLAN 2.4 GHz (2400 - 2483.5 MHz)	☐ Master ☑ Client (slave) ☐ N/A ☐
WLAN 5 GHz DFS: U-NII 2A & 2C (5250 - 5350 MHz & 5470 - 5725 MHz)	☐ Master ☐ Client (slave) with radar detection ☐ N/A ☐ Client (slave) without radar detection
WLAN 5 GHz Non-DFS: U-NII 1 & 3) (5150 - 5250 MHz & 5725 - 5850 MHz)	☐ Master ☑ Client (slave) ☐ N/A ☐

According to §15.202, KDB 905462, RSS-247, respectively:

A **master device** is defined as a device operating in a mode in which it has the capability to transmit without receiving an enabling signal. In this mode it is able to select a channel and initiate a network by sending enabling signals to other devices.

A **client (slave) device** is defined as a device operating in a mode in which the transmissions of the device are under control of the master. A device in client mode cannot initiate, or be configured to initiate, any transmissions including transmissions from probes, beacons or support ad-hoc modes (or other peer to peer modes) of operation without permission from an approved master device with radar detection capability.

2. Operating modes

Frequency (MHz)	Active scanning: the device can transmit a probe (beacon)		Passive scanning: the device can listen only with no probes		Ad-hoc mode capability		Access point capability	
2400 - 2483.5	☐ Yes	☒ No	☒ Yes	☐ No	☐ Yes	☒ No	☐ Yes	☒ No
5150 - 5250	☐ Yes	☒ No	☒ Yes	☐ No	☐ Yes	☒ No	☐ Yes	☒ No
5250 - 5350	☐ Yes	☒ No	☐ Yes	☒ No	☐ Yes	☒ No	☐ Yes	☒ No
5470 - 5725	☐ Yes	☒ No	☐ Yes	☒ No	☐ Yes	☒ No	☐ Yes	☒ No
5725 - 5850	☐ Yes	☒ No	☒ Yes	☐ No	☐ Yes	☒ No	☐ Yes	☒ No

***Info**:*
DFS bands marked in blue. Dynamic Frequency Selection (DFS) is a mechanism that dynamically detects signals from other systems and avoids co-channel operation with these systems, notably radar systems. DFS requirements to a master/client device are described in §15.407, RSS-247, respectively.

3. Miscellaneous

Has the device the option to set or select country codes or permit similar configuration options through software parameters for different regulatory domains to configure the device transmitter power or frequency or other technical parameters by end users or professional installers (see KDB 594280 D01, IV.A.)?	☐ Yes	☒ No
Is the device capable of operating in channel 12 and 13?	☐ Yes	☒ No
Is the device capable of transmitting in the band 5600 - 5650 MHz?	☐ Yes	☒ No

If you have any questions, please feel free to contact us at the address shown below.

Best regards,

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Signature:	bnouachc Digital signiert von bnouachc DN: cn=bnouachc, c=DE, o=RDS PoC R&D, ou=DV&V, email=charaf.bnouachir@roche.com Grund: Ich habe dieses Dokument überprüft Datum: 2023.12.07 15:12:29 +01'00'		**Signature Date:**	07 Dcember 2023