

C2PC Request Letter

Nemko Canada Inc
303 River Road
Ottawa
K1V 1H2
Canada

ATTN.: Reviewing Engineer

FCC ID: UKMDG1014

We hereby request C2PC Certification for the above-mentioned FCC ID.

The reason for this request is:

adding the LTE radio module Quectel type EM05-G, with FCC ID XMR2022EM05G, in multi-transmission condition (co-location) with the WiFi module Telit type WE866C6-P (Eurotech, type DG1014).

The following antennas are used with the product:

- magnetic/adhesive GNSS antenna: 2J-Antennas, type 2J4301MPGF, max gain: 28dB
VSWR <1.2
impedance: 50Ω
- magnetic/adhesive LTE antenna: 2J-Antennas, type 2J6983MPa, max gains:
GSM 900 / WCDMA 900 / LTE FDD 800/900: 2.1 dBi
DCS1800 / WCDMA 2100 / LTE FDD 1800/2100/2600: 6.3 dBi
VSWR <3.1
impedance: 50 Ω
- magnetic/adhesive SRD (WiFi/BLE) antenna: 2J-Antennas, type 2J4802P, max gains:
WiFi/BLE @ 2.4 GHz: 3.5 dBi
WiFi @ 5 GHz: 1.7 dBi
VSWR <2.3
impedance: 50Ohm

Co-location radio tests were performed to verify the compliance with applicable FCC/ISED regulations. Results are applicable to the following family models being electrically, and physically identical, apart from model name/number:

EUROTECH S.p.a.

Via F.lli Solari 3/A - 33020 Amaro (UD) - ITALY
Tel. +39 0433 485 411 Fax +39 0433 485 499
welcome@eurotech.com
www.eurotech.com

Cap.Soc. 8.878.946,00 € I.V.
P.IVA / C.F. IT 01791330309
REA Udine 196115
Mod. Carint Ed 4.0 - 02/04/02



Model	Description	Ethernet	Serials	Eurotech DG1014	Quectel EM05-G	GNSS	Camera
DYGATE-10-14-03	DynaGATE 10-14: i.MX 8M Plus, 1.GHz, 4CORE (2GB, 32 eMMC), 2x ETH, 2x Serial, Wi-Fi/BT, LTE Cat 4 Global, UDR	2	2	Yes	Yes	UDR	IP Camera
DYGATE-10-14-04	DynaGATE 10-14: i.MX 8M Plus, 1.GHz, 4CORE (2GB, 32 eMMC), 2x ETH, 2x Serial, Wi-Fi/BT, LTE Cat 4 Global, RTK	2	2	Yes	Yes	RTK	IP Camera
DYGATE-10-14-05	DynaGATE 10-14: i.MX 8M Plus, 1.GHz, 4CORE (2GB, 32 eMMC), 2x ETH, 2x Serial, Wi-Fi/BT, LTE Cat 4 Global, UDR, 4x GMSL	2	2	Yes	Yes	UDR	4x GMSL
DYGATE-10-14-07	DynaGATE 10-14: i.MX 8M Plus, 1.GHz, 4CORE (2GB, 32 eMMC), 4x ETH, 2x Serial, Wi-Fi/BT, LTE Cat 4 Global, UDR	4	2	Yes	Yes	UDR	IP Camera
DYGATE-10-14-09	DynaGATE 10-14: i.MX 8M Plus, 1.GHz, 4CORE (2GB, 32 eMMC), 2x ETH, 4x Serial, Wi-Fi/BT, LTE Cat 4 Global, UDR	2	4	Yes	Yes	UDR	IP Camera
DYGATE-10-14-23	DynaGATE 10-14: i.MX 8M Plus, 1.GHz, 4CORE (2GB, 32 eMMC), 2x ETH, 2x Serial, Wi-Fi/BT, LTE Cat 4 Global, UDR, YCT	2	2	Yes	Yes	UDR	IP Camera
DYGATE-10-14-24	DynaGATE 10-14: i.MX 8M Plus, 1.GHz, 4CORE (2GB, 32 eMMC), 2x ETH, 2x Serial, Wi-Fi/BT, LTE Cat 4 Global, RTK, YCT	2	2	Yes	Yes	RTK	IP Camera
DYGATE-10-14-25	DynaGATE 10-14: i.MX 8M Plus, 1.GHz, 4CORE (2GB, 32 eMMC), 2x ETH, 2x Serial, Wi-Fi/BT, LTE Cat 4 Global, UDR, 4x GMSL, YCT	2	2	Yes	Yes	UDR	4x GMSL
DYGATE-10-14-27	DynaGATE 10-14: i.MX 8M Plus, 1.GHz, 4CORE (2GB, 32 eMMC), 4x ETH, 2x Serial, Wi-Fi/BT, LTE Cat 4 Global, UDR, YCT	4	2	Yes	Yes	UDR	IP Camera
DYGATE-10-14-29	DynaGATE 10-14: i.MX 8M Plus, 1.GHz, 4CORE (2GB, 32 eMMC), 2x ETH, 4x Serial, Wi-Fi/BT, LTE Cat 4 Global, UDR, YCT	2	4	Yes	Yes	UDR	IP Camera
DYGATE-10-14-33	DynaGATE 10-14: i.MX 8M Plus, 1.GHz, 4CORE (2GB, 32 eMMC), 2x ETH, 2x Serial, Wi-Fi/BT, LTE Cat 4 Global, UDR, YCT, ESF	2	2	Yes	Yes	UDR	IP Camera
DYGATE-10-14-34	DynaGATE 10-14: i.MX 8M Plus, 1.GHz, 4CORE (2GB, 32 eMMC), 2x ETH, 2x Serial, Wi-Fi/BT, LTE Cat 4 Global, RTK, YCT, ESF	2	2	Yes	Yes	RTK	IP Camera
DYGATE-10-14-35	DynaGATE 10-14: i.MX 8M Plus, 1.GHz, 4CORE (2GB, 32 eMMC), 2x ETH, 2x Serial, Wi-Fi/BT, LTE Cat 4 Global, UDR, 4x GMSL, YCT, ESF	2	2	Yes	Yes	UDR	4x GMSL
DYGATE-10-14-37	DynaGATE 10-14: i.MX 8M Plus, 1.GHz, 4CORE (2GB, 32 eMMC), 4x ETH, 2x Serial, Wi-Fi/BT, LTE Cat 4 Global, UDR, YCT, ESF	4	2	Yes	Yes	UDR	IP Camera
DYGATE-10-14-39	DynaGATE 10-14: i.MX 8M Plus, 1.GHz, 4CORE (2GB, 32 eMMC), 2x ETH, 4x Serial, Wi-Fi/BT, LTE Cat 4 Global, UDR, YCT, ESF	2	4	Yes	Yes	UDR	IP Camera

Kind regards

Signed:

Printed name: Sergio Spinotti
 Title: Legal Representative
 Date: 10/19/2023


eurotech s.p.a.
Sergio Spinotti
Procuratore Speciale
