

TCB

GRANT OF EQUIPMENT
AUTHORIZATION

TCB

Certification

Issued Under the Authority of the
Federal Communications Commission

By:

PHOENIX TESTLAB GmbH
Koenigswinkel 10
D-32825 Blomberg,
Germany

Date of Grant: 12/07/2011

Application Dated: 12/07/2011

Cinterion Wireless Modules GmbH
Siemensdamm 50
Berlin, 13629
Germany**Attention: Thorsten Liebig , Manager Approval****NOT TRANSFERABLE**EQUIPMENT AUTHORIZATION is hereby issued to the
named GRANTEE, and is VALID ONLY for the equipment
identified hereon for use under the Commission's Rules and
Regulations listed below.FCC
IDENTIFIER: QIPPHS8-P
Name of Grantee: Cinterion Wireless Modules GmbH
Equipment Class: PCS Licensed Transmitter
Notes: GSM/GPRS/UMTS/HSPA Module
Modular Type: Single Modular

Grant Notes	FCC Rule Parts	Frequency Range (MHZ)	Output Watts	Frequency Tolerance	Emission Designator
	22H	824.2 - 848.8	2.399	2.5 PM	249KGXW
	22H	824.2 - 848.8	1.072	2.5 PM	235KG7W
	22H	826.4 - 846.6	0.692	2.5 PM	4M17F9W
	24E	1850.2 - 1909.8	1.122	2.5 PM	247KGXW
	24E	1850.2 - 1909.8	0.871	2.5 PM	241KG7W
	24E	1852.4 - 1907.6	0.676	2.5 PM	4M17F9W

Output power listed is peak conducted. This device contains
functions that are not operational in U.S Territories. This filing is
only applicable for US operations. This OEM module is approved
for use in products operating as fixed or portable transmitting
device. The antenna(s) used for this transmitter must be installed to
provide a separation distance of at least 20 cm from all persons and
must not be co-located or operating in conjunction with any other

antenna or transmitter. A separate approval is required for portable operating configurations, as defined in 2.1093 of the rules. The final product operating with this transmitter must include operating instructions and applicable warnings for endusers and installers to satisfy RF exposure compliance requirements. Antenna gain must meet RF exposure and max radiated output power limits of the applicable rule section. This Grant is valid only when the device is sold to OEM integrators and the OEM integrators are instructed to ensure that the end user has no manual instructions to remove or install the device. The max. antenna gain for this device as reported to the FCC is: 3.92 dBi (850MHz) and 2.5 dBi (1900MHz).