



Regulatory Engineering

Motorola Solutions
One Motorola plaza
Holtsville, New York

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Timco Engineering, Inc.
849 NW State Road 45
P.O. Box 370
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Re.: Acknowledgment of FCC Modular approval requirements

FCC ID : UZ77528LFA

To Whom It May Concern:

The RFID Module LF-ID1 includes 2 parts: The main board and antenna board. The RFID module is a complete read/write radio transmitter with its buffered /modulation data input. The antenna is a loop of 72 turns and his dimension are about 25X40 mm. This module is only mounted in a Multipurpose End Cap and plugged on the 7528 terminal via an expansion port. The RFID Module LF-ID1 only uses the USB interface and the 5V power supply.

Modular approval requirement	Yes	No
i) The radio elements must have the radio frequency circuitry shielded. Physical components and tuning capacitor(s) may be located external to the shield, but must be on the module assembly;		✓
ii) The module must have buffered modulation/data inputs to ensure that the device will comply with Part 15 requirements with any type of input signal;	✓	
iii) The module must contain power supply regulation on the module;	✓	
iv) The module must contain a permanently attached antenna, or contain a unique antenna connector, and be marketed and operated only with specific antenna(s), per Sections 15.203, 15.204(b), 15.204(c), 15.212(a), 2.929(b);	✓	
v) The module must demonstrate compliance in a stand-alone configuration;		✓
vi) The module must be labelled with its permanently affixed FCC ID label, or use an electronic display (See KDB Publication 784748 about labelling requirements);	✓	
vii) The module must comply with all specific rules applicable to the transmitter. The grantee must provide comprehensive instructions to explain compliance requirements;	✓	
viii) The module must comply with RF exposure requirements. For any transmitters intended for use in portable devices, SAR compliance must be demonstrated to be independent of the host device. See KDB Publication 447498 as a guide to determine if a transmitter can be tested without being limited to a host device. If SAR compliance can only be demonstrated in specific host types or platforms, then the module type must be "limited."	✓	

- i. The radio elements aren't directly overlaid by a metal cover. The RFID module LF-ID1 is directly connected to the Top of terminal using a JST cable.
- v. The radio module is tested in the host

Sincerely,
Nicolas FORNIER
Motorola Solutions