

**TCB**

**GRANT OF EQUIPMENT  
AUTHORIZATION**

**TCB**

**Certification**  
**Issued Under the Authority of the**  
**Federal Communications Commission**  
**By:**

**Telefication B.V.**  
**Edisonstraat 12a**  
**Zevenaar, NL-6902 PK**  
**Netherlands**

**Date of Grant: 09/15/2015**  
**Application Dated: 09/15/2015**

**Laird Technologies**  
**11160 Thompson Ave.**  
**Lenexa, KS 66219**

**Attention: Daniel Waters , Certifications Engineer**

**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:** SQG-MSD45N  
**Name of Grantee:** Laird Technologies  
**Equipment Class:** **Unlicensed National Information Infrastructure TX**  
**Notes:** **45 Series Pluggable module**  
**Modular Type:** **Single Modular**

<u>Grant Notes</u>	<u>FCC Rule Parts</u>	<u>Frequency Range (MHZ)</u>	<u>Output Watts</u>	<u>Frequency Tolerance</u>	<u>Emission Designator</u>
38 CC	15E	5180.0 - 5240.0	0.045		
38 CC ND	15E	5260.0 - 5320.0	0.048		
38 CC ND	15E	5500.0 - 5700.0	0.062		
38 CC	15E	5745.0 - 5825.0	0.24		

Power output listed is conducted. This grant is valid only when the module is sold to OEM integrators and must be installed by the OEM or OEM integrators. The antenna 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. End-users may not be provided with the module installation instructions. OEM integrators and end-users must be provided with transmitter operating conditions for satisfying RF exposure compliance. This device has 20 MHz bandwidth mode. DFS operation is slave without radar detection. Operations in 5150-5250 MHz band is for indoor use only.

Class II Change :This change is to comply with new rules for U-NII devices adopted under Docket No. 13-49 and to add Antenna(Model name : MG7018-41-000-R, MG7324-42-000-R) to the lists.

38: This device has shown compliance, in all grant-listed U-NII sub-bands, with the new rules for U-NII devices adopted under Docket No. 13-49 and may be marketed, manufactured, installed or imported after the June 1, 2016 transition deadline.

CC: This device is certified pursuant to two different Part 15 rules sections.

ND: This UNII device complies with the Transmit Power Control (TPC) and Dynamic Frequency Selection (DFS) requirements in Section 15.407(h).

