

**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: 01/06/2010**

**Application Dated: 01/06/2010**

**Mikrotikls SIA  
Pernavas 46  
Riga, LV-1009  
Latvia**

**Attention: Aris Jurkans , engineer, R&D**

**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:** TV7R52HN  
**Name of Grantee:** Mikrotikls SIA  
**Equipment Class:** Unlicensed National Information Infrastructure TX  
**Notes:** WLAN 802.11a/b/g/n MiniPCI module  
**Modular Type:** Limited 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>
CC MO	15E	5180.0 - 5240.0	0.0497		
CC MO	15E	5190.0 - 5230.0	0.049		
CC MO	15E	5260.0 - 5320.0	0.2478		
CC MO	15E	5270.0 - 5310.0	0.2416		
CC MO	15E	5500.0 - 5580.0	0.2438		
CC MO	15E	5510.0 - 5550.0	0.2432		
CC MO	15E	5660.0 - 5700.0	0.2399		
CC MO	15E	5670.0 - 5670.0	0.2455		

Power Output is Conducted. Device is operating in a 2x2 Spatial Multiplexing MIMO configuration as described in this filing. Modular Approval limited to devices where the antennas are located at least 20cm from all persons. Only those antennas documented in this filing and installed in the manner specified may be used with this device. This transmitter is restricted to indoor use only within the 5.15-5.25 GHz band. 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; all user installation is expressly prohibited. The antennas must not be co-located or operating in conjunction with any other antenna or transmitter. End-users and OEM integrators must be provided with operating instructions for satisfying RF exposure compliance requirements.

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

MO: This Multiple Input Multiple Output (MIMO) device was evaluated for multiple transmitted signals as indicated in the filing.