

# **ROGERS LABS, INC.**

4405 West 259<sup>th</sup> Terrace  
Louisburg, KS 66053  
Phone / Fax (913) 837-3214

June 11, 2017

Timco Engineering Inc.  
849 NW State Road 45  
Newberry, FL 32669

Federal Communications Commission  
Equipment Approval Services  
P.O. Box 35815  
Pittsburgh, PA 15251-3315

Applicant: Mikrotiks SIA  
Pernavas 46 Str.  
Riga, Latvia LV-1009

Equipment: FCC ID: TV7SXTG-5HPND  
FCC Rules: 47CFR Part 15.407 NII Class 2 permissible change

Gentlemen

The form 731 and application have been electronically submitted and any attachments will be up loaded to your site to be used in processing Class 2 permissible change to this certified equipment.

Change from the original design was provided through firmware (software) change and this equipment was not certified as SDR equipment. The electronics remain identical to original design.

The design was authorized under 47 CFR 15.247 on 02/14/2014 for operation in the 5745-5825 MHz band. Compliance to meet the new 15.407 regulations required power reduction in the 5745-5825 MHz band. The change application also addresses the addition of U-NII-1 frequency operation in the 5180-5240 MHz frequency band. While not explicitly addressed in the report, the requirement of KDB926956 Q&A #7 c);, compliance with the new regulations are demonstrated including: software security, Band-edge measurements, Band Power, high and low channel emissions, Power Spectral Density and power reduction when used with high gain antennas. There is no change to the antennas as previously authorized.

Please review the application and process it as Class 2 permissible change under original FCC Identifier FCC ID: TV7SXTG-5HPND

Mikrotiks SIA requests that the material in the **Schematics, Block Diagram, software Security Attestation letter, and Operational Descriptions** be withheld from public disclosure pursuant to Sections 0.457 and 0.459 of the Commission's Rules following grant of the application. In support of this request, Mikrotiks SIA submits the following:

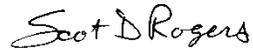
**Permanent**

Mikrotikls SIA requests that the material in the **Schematics, Block Diagram, and Operational Descriptions** be withheld from public disclosure pursuant to Sections 0.457 and 0.459 of the Commission's Rules following grant of the application.

<b>Schematics</b>	<b>SXTG5HPNDConf Schem.pdf</b>
<b>Block diagram</b>	<b>SXTG5HPNDConf BlkDia.pdf</b>
<b>Operational Description</b>	<b>SXTG5HPNDConf OpDes.pdf</b>
<b>Operational Description</b>	<b>SXTG5HPNDConf OpDes KDB 594280.pdf</b>

Should you require any further information, please contact the undersigned.  
Thank you for your consideration in this matter.

Sincerely,



Scot Rogers  
Rogers Labs, Inc.  
Enclosures