

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

By:

**MiCOM Labs
575 Boulder Court
Pleasanton, CA 94566**

**Date of Grant: 03/06/2019
Application Dated: 03/05/2019**

**Mikrotikls SIA
Brivibas gatve 214i
Riga, LV-1039
Latvia**

Attention: Edmunds Zvegincevs , 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: TV7R11ELTE6
Name of Grantee: Mikrotikls SIA
Equipment Class: PCS Licensed Transmitter
Notes: LTE Mini PCIe card R11e-LTE6
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>
	22H	824.2 - 848.8	5.51	0.10151 PM	247KGXW
	24E	1850.2 - 1909.8	1.78	0.029024 PM	252KGXW
	22H	824.2 - 848.8	1.66	0.002353 PM	247KG7W
	24E	1850.2 - 1909.8	0.29	0.002019 PM	243KG7W
	22H	826.4 - 846.6	0.53	0.005315 PM	4M17F9W
	24E	1852.4 - 1907.6	0.32	0.004047 PM	4M17F9W
	24E	1850.7 - 1909.3	0.25	0.04109 PM	1M19G7D
	24E	1860.0 - 1900.0	0.22	0.04109 PM	18M1G7D
	24E	1850.7 - 1909.3	0.24	0.04109 PM	1M25W7D
	24E	1860.0 - 1900.0	0.2	0.04109 PM	18M1W7D
	22H	824.7 - 848.3	0.69	0.064081 PM	1M10G7D
	22H	829.0 - 844.0	0.52	0.064081 PM	9M02G7D
	22H	824.7 - 848.3	0.63	0.053078 PM	1M12W7D
	22H	829.0 - 844.0	0.49	0.053078 PM	8M99W7D
	27	2502.5 - 2567.5	0.16	0.022955 PM	4M50G7D
	27	2510.0 - 2560.0	0.17	0.022955 PM	18M0G7D
	27	2502.5 - 2567.5	0.15	0.02269 PM	4M50W7D
	27	2510.0 - 2560.0	0.15	0.02269 PM	18M0W7D
	27	699.7 - 715.3	0.72	0.075347 PM	1M10G7D
	27	704.0 - 711.0	0.6	0.075347 PM	8M99G7D
	27	699.7 - 715.3	0.7	0.043958 PM	1M12W7D
	27	704.0 - 711.0	0.57	0.043958 PM	8M99W7D
	27	706.5 - 713.5	0.59	0.075347 PM	4M51G7D
	27	709.0 - 711.0	0.59	0.075347 PM	8M95G7D
	27	706.5 - 713.5	0.55	0.04307 PM	4M49W7D
	27	709.0 - 711.0	0.57	0.04307 PM	8M95W7D
	24E	1850.7 - 1914.3	0.26	0.031442 PM	1M10G7D
	24E	1860.0 - 1905.0	0.23	0.031442 PM	17M9G7D

24E	1850.7 - 1914.3	0.23	0.026003 PM	1M13W7D
24E	1860.0 - 1905.0	0.19	0.026003 PM	17M8W7D
90	814.7 - 823.3	0.37	0.167 PM	1M13G7D
90	819.0 - 819.0	0.36	0.167 PM	8M97G7D
90	816.5 - 821.5	0.33	0.2025 PM	1M13W7D
90	819.0 - 819.0	0.29	0.2025 PM	8M99W7D
22H	824.7 - 848.3	0.71	0.055853 PM	1M10G7D
22H	831.5 - 841.5	0.59	0.055853 PM	13M5G7D
22H	824.7 - 848.3	0.67	0.05199 PM	1M12W7D
22H	831.5 - 841.5	0.55	0.05199 PM	13M5W7D
27	2572.5 - 2617.5	0.18	0.021672 PM	4M50G7D
27	2580.0 - 2610.0	0.19	0.021672 PM	17M9G7D
27	2572.5 - 2617.5	0.14	0.018189 PM	4M49W7D
27	2580.0 - 2610.0	0.16	0.018189 PM	17M9W7D
24E	1882.5 - 1907.5	0.25	0.02454 PM	4M50G7D
24E	1890.0 - 1900.0	0.25	0.02454 PM	17M9G7D
24E	1882.5 - 1907.5	0.21	0.019072 PM	4M49W7D
24E	1890.0 - 1900.0	0.21	0.019072 PM	17M9W7D
27	2307.5 - 2312.5	0.08	0.025664 PM	4M50G7D
27	2310.0 - 2310.0	0.08	0.025664 PM	8M97G7D
27	2307.5 - 2312.5	0.07	0.014704 PM	4M49W7D
27	2310.0 - 2310.0	0.07	0.014704 PM	8M95W7D
27	2352.5 - 2357.5	0.09	0.021934 PM	4M50G7D
27	2355.0 - 2355.0	0.09	0.021934 PM	8M99G7D
27	2352.5 - 2357.5	0.07	0.018984 PM	4M50W7D
27	2355.0 - 2355.0	0.07	0.018984 PM	8M99W7D
27	2498.5 - 2687.5	0.29	0.021634 PM	4M50G7D
27	2506.0 - 2680.0	0.23	0.021634 PM	17M9G7D
27	2498.5 - 2687.5	0.24	0.014781 PM	4M49W7D
27	2506.0 - 2680.0	0.24	0.014781 PM	17M9W7D

Single Modular Approval. Power output listed is ERP for frequencies below 1GHz and EIRP for frequencies above 1GHz. OEM integrators must be provided with antenna installation instructions. The OEM integrators must be instructed to ensure that the end user has no manual instructions to remove or install the device. OEM integrators and end-users must be provided with transmitter operation conditions for satisfying RF exposure compliance. Only the antenna tested with the device or similar antennas with equal or lesser gain may be used with this transmitter. The antenna used with this transmitter must be installed to provide a minimum separation distance of at least 20 cm from all persons. End-users must be provided with operating procedures for satisfying RF exposure compliance.