

TCB

GRANT OF EQUIPMENT
AUTHORIZATION

TCB

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

Telefication B.V.
Wilmsdorf 50
Apeldoorn, NL-7300 AC
Netherlands

Date of Grant: 06/29/2022

Application
Dated: 06/29/2022

Iantronix
7535 Irvine Center Drive
Suite 100
Irvine, CA 92618

Attention: Fathi Hakam , VP of Engineering

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: R68G527
Name of Grantee: Iantronix
Equipment Class: PCS Licensed Transmitter
Notes: Radio Module
Modular Type: Single Modular

Grant Notes	FCC Rule Parts	Frequency Range (MHZ)	Output Watts	Frequency Tolerance	Emission Designator
BC	24E	1850.0 - 1915.0	0.144	2.5 PM	4M11F9W
BC	27	1710.0 - 1780.0	0.144	2.5 PM	4M12F9W
BC	22H	824.0 - 849.0	0.179	2.5 PM	4M12F9W
BC	24E	1850.0 - 1915.0	0.122	2.5 PM	13M4W7D
BC	24E	1850.0 - 1915.0	0.145	2.5 PM	17M9G7D
BC	24E	1850.0 - 1915.0	0.116	2.5 PM	17M9W7D
BC	27	1710.0 - 1780.0	0.129	2.5 PM	4M48W7D
BC	27	1710.0 - 1780.0	0.153	2.5 PM	17M9G7D
BC	27	1710.0 - 1780.0	0.127	2.5 PM	17M9W7D
BC	22H	824.0 - 849.0	0.161	2.5 PM	4M49W7D
BC	22H	824.0 - 849.0	0.185	2.5 PM	13M5G7D
BC	22H	824.0 - 849.0	0.16	2.5 PM	13M4W7D
BC	27	2500.0 - 2570.0	0.099	2.5 PM	4M48W7D
BC	27	2500.0 - 2570.0	0.121	2.5 PM	17M9G7D
BC	27	2500.0 - 2570.0	0.097	2.5 PM	17M9W7D
BC	27	698.0 - 719.0	0.176	2.5 PM	4M48W7D
BC	27	698.0 - 719.0	0.213	2.5 PM	8M96G7D
BC	27	698.0 - 719.0	0.16	2.5 PM	8M95W7D
BC	27	777.0 - 787.0	0.179	2.5 PM	4M48W7D
BC	27	777.0 - 787.0	0.214	2.5 PM	8M96G7D
BC	27	777.0 - 787.0	0.169	2.5 PM	8M95W7D
BC	90	788.0 - 798.0	0.179	2.5 PM	4M48W7D
BC	90	788.0 - 798.0	0.169	2.5 PM	8M95G7D
BC	90	788.0 - 798.0	0.169	2.5 PM	8M95W7D
BC	90	814.0 - 824.0	0.161	2.5 PM	2M69W7D
BC	90	814.0 - 824.0	0.159	2.5 PM	8M94G7D
BC	90	814.0 - 824.0	0.159	2.5 PM	8M92W7D
BC	27	2496.0 - 2690.0	0.122	2.5 PM	4M47W7D



BC	27	2496.0 - 2690.0	0.148	2.5 PM	17M9G7D
BC	27	2496.0 - 2690.0	0.12	2.5 PM	17M9W7D
BC	27	663.0 - 698.0	0.175	2.5 PM	4M48W7D
BC	27	663.0 - 698.0	0.21	2.5 PM	17M9G7D
BC	27	663.0 - 698.0	0.169	2.5 PM	17M9W7D
BC	22H	824.0 - 849.0	0.156	2.5 PM	13M8W7D
BC	22H	824.0 - 849.0	0.175	2.5 PM	18M7G7D
BC	22H	824.0 - 849.0	0.139	2.5 PM	18M7W7D
BC	27	2500.0 - 2570.0	0.153	2.5 PM	27M7W7D
BC	27	2500.0 - 2570.0	0.177	2.5 PM	37M5G7D
BC	27	2500.0 - 2570.0	0.144	2.5 PM	37M5W7D
BC	27	2496.0 - 2690.0	0.173	2.5 PM	22M6W7D
BC	27	2496.0 - 2690.0	0.207	2.5 PM	37M3G7D
BC	27	2496.0 - 2690.0	0.162	2.5 PM	37M2W7D

Power out is conducted at the antenna terminal. Single Modular Approval. This device is certified for mobile and fixed applications. Co-location of this module with other transmitters would require the use of FCC multi-transmitter product procedures. End-users and installers must be provided with antenna installation instructions and transmitter operating conditions for satisfying RF exposure compliance. OEM integrators must insure that the end user has no manual instructions to remove or install this module. For mobile operating configurations the antenna gain, including cable loss, must not exceed the gains documented in this filing for satisfying RF exposure compliance, as defined in 2.1091. Under no conditions may an antenna gain be used that would exceed the ERP and/or EIRP power limits as specified in Parts 22/24/27/90. The Grantee is responsible for providing the documentation required for modular use. This device contains WCDMA/LTE function and has 1.4 MHz, 3 MHz, 5 MHz, 10 MHz, 15MHz and 20 MHz bandwidth modes for LTE Bands 2/4/25/66; 1.4 MHz, 3 MHz, 5 MHz and 10 MHz bandwidth modes for LTE Bands 5/12; 1.4 MHz, 3 MHz, 5 MHz, 10 MHz and 15MHz bandwidth modes for LTE Band 26; 5 MHz and 10 MHz bandwidth modes for LTE Bands 13/14; 5 MHz, 10 MHz, 15 MHz and 20 MHz bandwidth modes for LTE Bands 7/41/71. This device also supports CA UL on the LTE Bands 5/7/41.

BC: The output power is continuously variable from the value listed in this entry to 5%-10% of the value listed.

Certificate No.: 222180818/AA/00	George Lo Product Assessor	
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