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GRANT OF EQUIPMENT
AUTHORIZATION

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

TCB

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

Date of Grant: 02/20/2017

Application
Dated: 02/13/2017

BARTEC
Max-Eyth-Strasse 16
Bad Mergentheim, 97980
Germany

Attention: Benedikt Eckert

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:	TBUAGXISNFC
Name of Grantee:	BARTEC
Equipment Class:	**Part 15 Low Power Communication Device Transmitter**
Notes:	**10.1 Tablet PC**
Modular Type:	**Single Modular**

Grant Notes	FCC Rule Parts	Frequency Range (MHZ)	Output Watts	Frequency Tolerance	Emission Designator
	15C	**13.56 - 13.56**			

Certificate No.: 172180319/AA/00	Ramy Nabod Product Assessor	

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

Date of Grant: 03/06/2017

Application
Dated: 02/20/2017

BARTEC
Max-Eyth-Strasse 16
Bad Mergentheim, 97980
Germany

Attention: Benedikt Eckert

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:	TBUAGXISWL
Name of Grantee:	BARTEC
Equipment Class:	**Digital Transmission System**
Notes:	**WIFI Modular**
Modular Type:	**Single Modular**

Grant Notes	FCC Rule Parts	Frequency Range (MHZ)	Output Watts	Frequency Tolerance	Emission Designator
CC MO	**15C**	**2402.0 - 2480.0**	**0.005**		
CC MO	**15C**	**2412.0 - 2462.0**	**0.031**		

Output power listed is conducted. Single Modular Approval for portable RF Exposure conditions. This device must be used with antennas identified in this filing, or those having a gain of less than 5.5 dBi, and must not be co-located or operating in conjunction with any other antenna or transmitter. The antennas used for this transmitter must be installed to provide a separation distance of at least 0.5-cm from all persons. Approval is limited to OEM installation only. OEM integrators and end-users must be provided with transmitter operation conditions for satisfying RF exposure compliance. 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. The highest reported SAR for this device is 0.73 W/kg. This device supports 20 and 40 MHz modes.

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.

Certificate No.: 172180089/AA/00	Mohammad Elhaj Product Assessor	

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Attention: Benedikt Eckert

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FCC IDENTIFIER:	TBUAGXISWL
Name of Grantee:	BARTEC
Equipment Class:	**Unlicensed National Information Infrastructure TX**
Notes:	**WIFI Modular**
Modular Type:	**Single Modular**

Grant Notes	FCC Rule Parts	Frequency Range (MHZ)	Output Watts	Frequency Tolerance	Emission Designator
38 CC MO	**15E**	**5180.0 - 5240.0**	**0.017**		
38 CC MO	**15E**	**5745.0 - 5825.0**	**0.019**		
38 CC MO	**15E**	**5260.0 - 5320.0**	**0.019**		
38 CC MO	**15E**	**5500.0 - 5700.0**	**0.019**		

Output power listed is conducted. Single Modular Approval for portable RF Exposure conditions. This device must be used with antennas identified in this filing, or those having a gain of less than 5.5 dBi, and must not be co-located or operating in conjunction with any other antenna or transmitter. The antennas used for this transmitter must be installed to provide a separation distance of at least 0.5-cm from all persons. Approval is limited to OEM installation only. OEM integrators and end-users must be provided with transmitter operation conditions for satisfying RF exposure compliance. 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. The highest reported SAR for this device is 0.35 W/kg. This device supports 20, 40, and 80 MHz modes.

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 or imported after the June 1, 2016 transition deadline.

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.

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Certificate No.: 172180096/AA/00	Mohammad Elhaj Product Assessor	

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Date of Grant: 03/06/2017

Application
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BARTEC
Max-Eyth-Strasse 16
Bad Mergentheim, 97980
Germany

Attention: Benedikt Eckert

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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:	TBUAGXISWL
Name of Grantee:	BARTEC
Equipment Class:	**Part 15 Spread Spectrum Transmitter**
Notes:	**WIFI Modular**
Modular Type:	**Single Modular**

Grant Notes	FCC Rule Parts	Frequency Range (MHZ)	Output Watts	Frequency Tolerance	Emission Designator
CC	**15C**	**2402.0 - 2480.0**	**0.006**		

Output power listed is conducted. Single Modular Approval for portable RF Exposure conditions. This device must be used with antennas identified in this filing, or those having a gain of less than 5.5 dBi, and must not be co-located or operating in conjunction with any other antenna or transmitter. The antennas used for this transmitter must be installed to provide a separation distance of at least 0.5-cm from all persons. Approval is limited to OEM installation only. OEM integrators and end-users must be provided with transmitter operation conditions for satisfying RF exposure compliance. 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.. The highest reported SAR for this device is <0.10 W/kg. This device supports 20 and 40 MHz modes.

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

Certificate No.: 172180097/AA/00	Mohammad Elhaj Product Assessor	

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Date of Grant: 03/03/2017

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Dated: 02/13/2017

BARTEC
Max-Eyth-Strasse 16
Bad Mergentheim, 97980
Germany

Attention: Benedikt Eckert

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:	TBUAGXISWW
Name of Grantee:	BARTEC
Equipment Class:	**Part 15 Class B Computing Device Peripheral**
Notes:	**WWAN Modular**
Modular Type:	**Single Modular**

Grant Notes	FCC Rule Parts	Frequency Range (MHZ)	Output Watts	Frequency Tolerance	Emission Designator
	15B	-			

Certificate No.: 172180318/AA/00	Mark Chung Product Assessor	Mark Chung

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The Netherlands
Chamber of Commerce
51565536
www.telefication.com

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Netherlands

Date of Grant: 03/03/2017

Application
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BARTEC
Max-Eyth-Strasse 16
Bad Mergentheim, 97980
Germany

Attention: Benedikt Eckert

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: TBUAGXISWW
Name of Grantee: BARTEC
Equipment Class: **PCS Licensed Transmitter**
Notes: **WWAN Modular**
Modular Type: **Single Modular**

Grant Notes	FCC Rule Parts	Frequency Range (MHZ)	Output Watts	Frequency Tolerance	Emission Designator
	22H	824.2 - 848.8	1.84	0.02 PM	245KGXW
	24E	1852.5 - 1907.5	0.182	0.01 PM	4M53G7D
	22H	824.7 - 848.3	0.178	0.01 PM	1M09G7D
	22H	824.7 - 848.3	0.141	0.01 PM	1M10W7D
	24E	1852.5 - 1907.5	0.141	0.01 PM	4M51W7D
	24E	1860.0 - 1900.0	0.156	0.01 PM	17M9G7D
	24E	1860.0 - 1900.0	0.129	0.01 PM	17M9W7D
	27	1712.5 - 1752.5	0.159	0.01 PM	4M50W7D
	27	1715.0 - 1750.0	0.2	0.01 PM	9M06G7D
	27	1720.0 - 1745.0	0.178	0.01 PM	17M9G7D
	22H	829.0 - 844.0	0.166	0.01 PM	9M06G7D
	27	1720.0 - 1745.0	0.135	0.01 PM	17M9W7D
	27	779.5 - 784.5	0.162	0.01 PM	4M52G7D
	27	779.5 - 784.5	0.126	0.01 PM	4M51W7D
	27	782.0 - 782.0	0.155	0.01 PM	9M05G7D
	27	782.0 - 782.0	0.12	0.01 PM	9M05W7D
	22H	829.0 - 844.0	0.132	0.01 PM	9M06W7D
	27	706.5 - 713.5	0.158	0.01 PM	4M51G7D
	27	709.0 - 711.0	0.112	0.01 PM	9M06W7D
	27	709.0 - 711.0	0.144	0.01 PM	9M06G7D
	27	706.5 - 713.5	0.12	0.01 PM	4M59W7D
	22H	824.2 - 848.8	0.9	0.02 PM	245KG7W
	24E	1850.2 - 1909.8	1.0	0.02 PM	247KGXW
	24E	1850.2 - 1909.8	0.83	0.02 PM	247KG7W
	22	826.4 - 846.6	0.244	0.02 PM	4M17F9W
	27	1712.4 - 1752.6	0.262	0.02 PM	4M16F9W
	27	1852.4 - 1907.6	0.264	0.02 PM	4M17F9W

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Output power listed is conducted. Approval is limited to OEM installation only. The antenna(s) 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 operated in conjunction with any antenna or transmitter, except in accordance with FCC multi- transmitter product procedures. For mobile and fixed operating configurations the antenna gain, including cable loss must not exceed values as documented in this filing for satisfying RF exposure compliance. Under no conditions may an antenna gain be used that would exceed the ERP and EIRP power limits as specified in Part 22H and 24E and 27. The final product operating with this transmitter must include operating instructions and antenna installation instructions, for end-users and installers to satisfy RF exposure compliance requirements. OEM integrators must insure that the end user has no manual instructions to remove or install this module. The Grantee is responsible for providing the documentation required for modular use.
This device contains functions that are not operational in U.S. Territories. This filing is only applicable for US operations.

Certificate No.: 172180091/AA/00	Mark Chung Product Assessor	Mark Chung