



Beanair GmbH
 Wolfener Straße 32 - 34
 12681 Berlin – Germany
tech-support@beanair.com
 Office line: +49 (0) 30 98366680
www.beanair.com

Declaration of Conformity
 Beanair GmbH



Brand: Beanair

MODELS :

WILOW-IOT-GATEWAY-4G-MPWR
WILOW-IOT-GATEWAY-4G-WDS-MPWR
WILOW-IOT-GATEWAY-4G-SOLAR

Section 1 : Technical Description of Built-in LTE/WIFI Router

Frequency Range:

Band		UL f, MHz	DL f, MHz
GSM	900	880-915	925-960
	1800	1710-1785	1805-1880
3G	1	1920-1980	2110-2170
	5	824-849	869-894
	8	880-915	925-960
LTE	1	1920-1980	2110-2170
	3	1710-1785	1805-1880
	5	824-849	869-894
	7	2500-2570	2620-2690
	8	880-915	925-960
	20	832-862	791-821
	38	2570-2620	
	40	2300-2400	
	41	2496-2690	
	WIFI	1	2401-2423
2		2406-2428	
3		2411-2433	
4		2416-2438	
5		2421-2443	
6		2426-2448	
7		2431-2453	
8		2436-2458	
9		2441-2463	
10		2446-2468	
11		2451-2473	
12		2456-2478	
13		2461-2483	
Transmitted Power Max.32.1 dBm (GSM900)			

These equipment are in conformity with the requirements of the following Directives of the European Union:

EMC Directive 2014/53/EU

The conformity with the essential requirements has been demonstrated against the following harmonized standards:

Harmonized standard reference	
EN 60950-1:2006+A1:2010+A2:2013+A11:2009+A12:2011 IEC 60950-1:2005(Second Edition) + A1:2009 + A2:2013 CSA C22.2 No. 60950-1:2007 + A1:2011 + A2:2014 UL60950-1:2007(Second Edition) +A1:2011+A2:2014 EN 50383:2010 EN 50383:2010	Health and Safety – Article 3.1(a)
Draft EN 301 489-1 V2.2.0 Draft EN 301 489-17 V3.2.0 Draft EN 301 489-52 V1.1.0	Electromagnetic compatibility – Article 3.1(b)
EN 300 328 V2.1.1 EN 301 511 V12.5.1 EN 301 908-1 V11.1.1 EN 301 908-2 V11.1.1 EN 301 908-13 V11.1.1	Efficient use of radio spectrum - Article 3.2

Section 2 – Solar Power Manager

MODELS

WILOW-IOT-GATEWAY-4G-SOLAR

Are in conformity with the requirements of the following Directives of the European Union:

EMC Directive 2014/30/EU with the following harmonized standards:

EN 61000-6-3:2007/A1:2011/AC:2012

EN 61000-6-2:2005/AC:2005

EN 61000-6-1:2007

EN 55014-1:2006/A2:2011

EN 55014-2:1997/A2:2008

Low Voltage Directive 2014/35/EU with the following harmonized standards:

EN 62109-1:2010

Restriction of the use of certain hazardous substances RoHS (2011/65/EU and 2015/863/EU) with the following harmonized standards: EN-IEC 63000:2018

Section 3 – AC/DC Power Manager

MODELS

WILOW-IOT-GATEWAY-4G-MPWR
WILOW-IOT-GATEWAY-4G-WDS-MPWR

Are in conformity with the requirements of the following Directives of the European Union: **ROHS Directive (2011/65/EU)**

Low Voltage Directive (2006/95/EC): **EN 60950-1:2006+A1+A12+A2**

Electromagnetic Compatibility Directive (2004/108/EC):

Harmonized standard reference	
EN 55022:2010 Class B EN 55011:2009+A1:2010 (Group 1) Class B EN 61000-6-3:2007+A1:2011 EN 61000-6-3-2 :2006+A1 :2009+A2 :2009 EN 61000-3-3 :2013	EMI (Electro-Magnetic Interference)
EN 5504 :2010 EN 61204-3 :2000 EN 61000-6-1 : 2007 EN 61000-4-2 :2009 EN 61000-4-3 :2006+A1 :2008+A2 :2010 EN 61000-4-4 :2012 EN 61000-4-5 :2006 EN 61000-4-6 :2014 EN 61000-4-8 :2010 EN 61000-4-11 :2004	Electro-Magnetic Susceptibility

CE MARK DATE: 15th May, 2019

Shimon Abadi

Quality Manager
For and on behalf of Beanair GmbH

