

Realtek Semiconductor Corp.

No. 2, Innovation Road II, Hsinchu Science Park, Hsinchu 300, Taiwan

EU Declaration of Conformity (DoC)

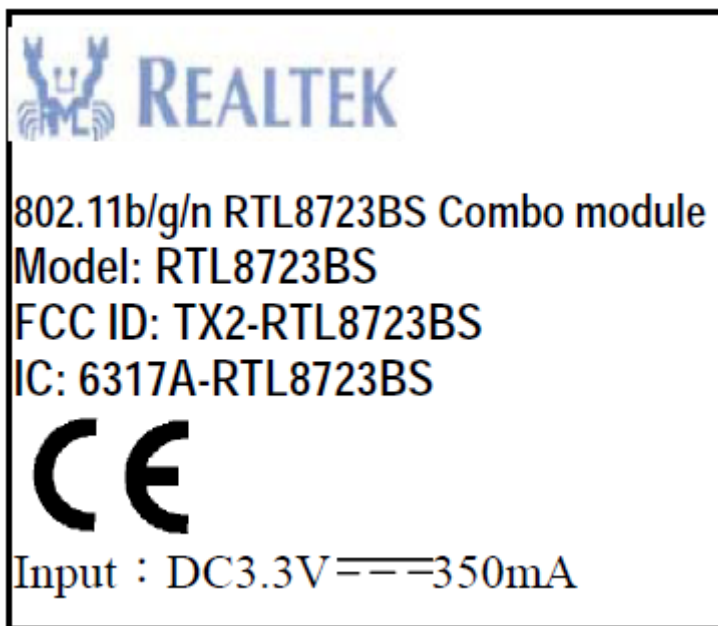
Hereby we,

Name of manufacturer:	Realtek Semiconductor Corp.
Address:	No. 2, Innovation Road II, Hsinchu Science Park, Hsinchu 300, Taiwan
Telephone number:	03-5780211#13835

declare that this DoC is issued under our sole responsibility and that this product:

Product description:	802.11b/g/n RTL8723BS Combo module
Type designation(s):	RTL8723BS
Trademark:	REALTEK
Batch / Serial number:	N/A

Object of the declaration (further identification of the radio equipment allowing traceability; it may include a color image for the identification of the radio equipment):



is in conformity with the relevant Union harmonization legislation:

Radio Equipment directive: **2014 / 53 / EU**

and other Union harmonization legislation where applicable: N/A

with reference to the following standards applied:

Spectrum : **EN 300 328 V2.1.1**

Healthy (EMF) : **EN 62311: 2008, EN 62479: 2010**

Safety (LVD) : **EN 60950-1:2006+A11:2009+A1:2010+A12:2011+A2:2013**

EMC : **EN 301 489-1 v2.2.0 , EN 301489-17v3.2.0**

Description of accessories and components, including software, which allow the radio equipment to operate as intended and covered by the DoC:

Software: N/A

Accessories:

Ant.	Brand	Model Name	Antenna Type	Connector	Gain (dBi)
1	LYNwave	ALA110-222050-300011	PIFA Antenna	IPEX MHF4	3.5

Operation information:

WLAN

RF General Information			
Frequency Range (MHz)	IEEE Std. 802.11	Ch. Frequency (MHz)	Channel Number
2400-2483.5	b	2412-2472	1-13 [13]
2400-2483.5	g	2412-2472	1-13 [13]
2400-2483.5	n (HT20)	2412-2472	1-13 [13]
2400-2483.5	n (HT40)	2422-2462	3-11 [9]

Note 1: 802.11b uses a combination of DSSS-DBPSK, DQPSK, CCK modulation.
Note 2: 802.11g/n uses a combination of OFDM-BPSK, QPSK, 16QAM, 64QAM modulation.

Bluetooth

RF General Information			
Frequency Range (MHz)	Bluetooth Version	Ch. Frequency (MHz)	Channel Number
2400-2483.5	BR / EDR	2402-2480	0-78 [79]

Note 1: Bluetooth BR uses a GFSK (1Mbps).
Note 2: Bluetooth EDR uses a combination of $\pi/4$ -DQPSK (2Mbps) and 8DPSK (3Mbps).
Note 3: Bluetooth BR/EDR uses as a system using FHSS modulation.

RF General Information			
Frequency Range (MHz)	Bluetooth Version	Ch. Frequency (MHz)	Channel Number
2400-2483.5	LE	2402-2480	0-39 [40]

Note: Bluetooth LE uses a GFSK (1Mbps) modulation for FHSS.



Signature (Judy Hsu, Engineer)

Date 2017/5/9