



EU-Type Examination Certificate

with respect to the presumption of
Compliance of a product with the essential requirements of

RE DIRECTIVE 2014/53/EU

Certificate Number	RE-18080601
Certificate Holder	Zyxel Communications Corporation
Address	No.2 Industry East RD. IX, Hsinchu Science Park, HsinChu 30075, Taiwan
Manufacturer	Zyxel Communications Corporation
Address	No.2 Industry East RD. IX, Hsinchu Science Park, HsinChu 30075, Taiwan
Product Type/Description	4G LTE Indoor Router
Trade Name	ZYXEL
Model Number	LTE3301-M209
Product Identification Element	LTE3301-M209

Applied / Complied Harmonized Standards		Complied
RE Directive 2014/53/EU, Article 3(1)(a) ■ Safety	EN 60950-1:2006+A11:2009+A1:2010+A12:2011+A2:2013	Y
RE Directive 2014/53/EU, Article 3(1)(a) ■ Health	EN 62311-2008	Y
RE Directive 2014/53/EU, Article 3(1)(b) ■ EMC	EN 301 489-1 V2.1.1, EN 301 489-17 V3.1.1 Draft EN 301 489-52 V1.1.0 EN 55032 2015, EN 55024:2010/A1:2015	Y
RE Directive 2014/53/EU, Article 3(2) ■ Radio	EN 300 328 V2.1.1, EN 301 511 V12.5.1 EN 301 908-1 V11.1.1, EN 301 908-2 V11.1.2 EN 301 908-13 V11.1.2	Y

Authorized By:

Leslie Bai, Director of Certification

Issue Date: August 06, 2018

Expiry Date: August 05, 2023

PS: This Certificate is Issued in Accordance with Annex III of the RE Directive 2014/53/EU and is only valid in Conjunction with the Following Annex I.

775 Montague Expressway, Milpitas, CA 95035, USA
Tel: 408 526 1188, Fax: 408 526 1088,
Website: www.siemic.com, Email: info@siemic.com

Annex I of RED EU-TYPE Examination Certificate

Certificate Number: RE-18080601

Product Specifications	
Frequency Range	2412-2472MHz (802.11b/g/n-40M) 880-915MHz (EGSM 900), 1710-1785MHz (DCS 1800) 1920-1980MHz (WCDMA Band I), 880-915MHz (WCDMA Band VIII) 1920-1980MHz, 1710-1785MHz, 2500-2570MHz, 880-915MHz (LTE B1/3/7/8) 832-862MHz, 703-748MHz, 2570-2620MHz, 2300-2400MHz (LTE B20/28/38/40)
RF Output Power (EIRP)	802.11b: 17.93dBm, 11g: 16.92dBm, 11n-20M:19.28dBm 11n-40M:18.34dBm GSM900: 31.7dBm*, GSM1800: 28.9dBm* WCDMA Band I: 23.74dBm*, WCDMA Band VIII: 22.85dBm* LTE B1/3/7/8: 24.49dBm*, 23.86dBm*, 23.83dBm*, 23.38dBm* LTE B20/28/38/40: 23.27dBm*, 23.60dBm*, 23.41dBm*, 22.81dBm*
Type of Antenna	GSM/WCDMA/LTE: Half Wavelength Dipole Antenna, Wi-Fi: PIFA Antenna
Modulation	DSSS(BPSK/QPSK/CCK) and OFDM(BPSK/QPSK/16QAM/64QAM) GMSK /8PSK (GSM/DCS), QPSK (WCDMA), 16QAM/QPSK (LTE)
Mode of Operation (Simplex / Duplex)	Duplex
Duty Cycle	-
Comments	*means conducted power

Technical Documentation Identification

Test Report	
RE Directive 2014/53/EU, Article 3(1)(a) ■ Health & Safety	B17W00506-Safety, B17W00506-MPE-V5
RE Directive 2014/53/EU, Article 3(1)(b) ■ EMC	B17W00506-EMC--Rev5
RE Directive 2014/53/EU, Article 3(2) ■ Radio	B17W00506-GSM RF-Rev3, B17W00506-WCDMA RF-Rev2 B17W00506-LTE RF-Rev4, B17W00506-WLAN RF-Rev5
User Manual	<input checked="" type="checkbox"/>
Product Specification	<input checked="" type="checkbox"/>
Product Package Drawing	<input checked="" type="checkbox"/>
Product Label	<input checked="" type="checkbox"/>
Block Diagram	<input checked="" type="checkbox"/>
Circuit Diagram	<input checked="" type="checkbox"/>
BOM	<input checked="" type="checkbox"/>
Declaration of Conformity	<input checked="" type="checkbox"/>
Risk Assessment Report	<input checked="" type="checkbox"/>

Based on the evidence presented, our certificate in accordance with Annex III of Council Directive 2014/53/EU on Radio Equipment Directive and the mutual recognition of their conformity is that the apparatus identified above complies with the requirements of that Directive stated above.

Note: Compliance with the above Directive does not guarantee the right to use the above mentioned equipment in any EU member state.
No configuration, other than described above, has been considered and is therefore not included in this certificate.

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Please check the validation of this certificate at http://certdatabase.siemic.com/siemic_db/public/certverification.asp