



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-17120606
Certificate Holder	Avnet, Inc
Address	2211 S 47th Street, Phoenix AZ 85034, USA
Manufacturer	Avnet, Inc
Address	2211 S 47th Street, Phoenix AZ 85034, USA
Product Type/Description	LTE CAT-4 Cellular and GPS SOM Development Kit
Trade Name	Global LTE IoT Starter Kit
Model Number	AES-ATT-M18QWG-SK-G
Product Identification Element	AES-ATT-M18QWG-SK-G, AES-ATT-M18QWG-M1-G

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 V2.2.1, Draft EN 301 489-19 V2.1.0, EN 301 489-52 V1.1.1	Y
RE Directive 2014/53/EU, Article 3(2) ■ Radio	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 EN 303 413 V1.1.1*	Y
*Note: This is a non-harmonized radio standard accepted by the RED (Radio Equipment Directive).		

Authorized By:

Leslie Bai, Director of Certification

Issue Date: December 6, 2017

Expiry Date: December 5, 2022

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-17120606

Product Specifications	
Frequency Range	880-915MHz (EGSM 900), 1710-1785MHz (DCS 1800) 1920-1980MHz (WCDMA Band I), 880-915MHz (WCDMA Band VIII) 920-1980MHz (LTE Band 1), 1710-1785MHz (LTE Band 3), 2500-2570MHz (LTE Band 7) 880-915MHz (LTE Band 8), 703-748MHz (LTE Band 20), 703-748MHz (LTE Band 28) 2570-2600MHz (LTE Band 38), 2300-2400MHz (LTE Band 40) 1559-1610MHz (GLONASS)
RF Output Power (EIRP)	32.5 dBm Max. (EGSM 900), 29.5 dBm Max. (DCS 1800), 23.5 dBm Max. (WCDMA Band I/VIII), 23 dBm Max. (LTE Band 1/3/7/8/20/28/38/40)
Type of Antenna	PCB Antenna
Modulation	GMSK/8PSK (EGSM 900, DCS 1800), BPSK/QPSK (WCDMA Band I/VIII) QPAK/16QAM (LTE Band 1/3/7/8/20/28/38/40), BPSK (GPS/GLONASS)
Mode of Operation (Simplex / Duplex)	Duplex
Duty Cycle	-
Comments	-

Technical Documentation Identification

Test Report	
RE Directive 2014/53/EU, Article 3(1)(a) ■ Health & Safety	LD171020C36 CE_RF_Exposure_SL17091101-SEV-049
RE Directive 2014/53/EU, Article 3(1)(b) ■ EMC	EMC_SL17091101-SEV-049_CE
RE Directive 2014/53/EU, Article 3(2) ■ Radio	CE_RF_SL17091101-SEV-049_GSM_Rev1.0 CE_RF_SL17091101-SEV-049_WCDMA_Rev1.0 CE_RF_SL17091101-SEV-049_LTE_Band_38_40_Rev1.0 CE_RF_SL17091101-SEV-049_LTE_Rev1.0 CE_RF_SL17091101-SEV-049A1_LTE CE_RF_SL17091101-SEV-049_GPS
User Manual	<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"/>

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