



SCOPE OF ACCREDITATION TO ISO/IEC 17025:2017

DEKRA TESTING AND CERTIFICATION CO., LTD ¹
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ELECTRICAL

Valid To: November 30, 2020

Certificate Number: 3100.01

In recognition of the successful completion of the A2LA evaluation process, accreditation is granted to this laboratory at the location listed above, *as well as the four satellite laboratory locations listed below*, to perform the following Electrical tests:

<u>Test:</u>	<u>Test Method(s) ¹:</u>
Mobile Devices	
GSM/GPRS/EDGE Protocol/Conformance/SIM/SAT/ A-GPS/IoT Connection Efficiency (excluding Radiated Spurious Emissions)	ETSI EN 300 607-1; EN 301 511; ETSI EN 301 511; 3GPP TS 51.010-1; ETSI TS 151.010-1; 3GPP TS 51.010-2; ETSI TS 151 010-2; 3GPP TS 51.010-4; ETSI TS 151 010-4; ETSI TS 102 230-1; GSMA PRD TS.35; NAPRD.03; GCF-CC
WCDMA/UMTS/HSPA Protocol/Conformance/USIM/USAT/ A-GPS/IMS/IoT Connection Efficiency (excluding Radiated Spurious Emissions)	3GPP TS 31.121; 3GPP TS 34.121-1; 3GPP TS 31.124; ETSI TS 134 121; ETSI EN 301 908-2; EN 301 908-2; 3GPP TS 34.123-1; 3GPP TS 34.171; 3GPP TS 34.229-1; 3GPP TR 37.901; ETSI TS 102 230-1; GSMA PRD TS.35; NAPRD.03; GCF-CC

<u>Test:</u>	<u>Test Method(s) ¹:</u>
Mobile Devices (cont.)	
LTE/FDD/TDD Protocol/Conformance/UE positioning/ IMS/IoT Connection Efficiency/ USIM/USAT (excluding Radiated Spurious Emissions)	3GPP TS 31.121; 3GPP TS 31.124; 3GPP TS 34.229-1; 3GPP TS 36.521-1; ETSI EN 136 521-1; ETSI EN 301 908-13; EN 301 908-13; 3GPP TS 36.521-3; 3GPP TS 36.523-1; 3GPP TS 37.571-1; 3GPP TS 37.571-2; 3GPP TR 37.901; ETSI TS 102 230-1; GSMA PRD TS.35; NAPRD.03; GCF-CC
LTE	3GPP TS 36.523-1
Application Enabler SUPL/DM/IoT Connection Efficiency	OMA-ETS-SUPL; OMA-ETS-DM; GSMA PRD TS.35

¹ This accreditation covers testing performed at the main laboratory listed above, and at the four satellite laboratories indicated below:

DEKRA Certification Japan K.K.
Yokohama Business Park (YBP) West Tower 7F
134 Godocho, Hodogaya-ku
Yokohama, Kanagawa, 240-0005, Japan
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<u>Test:</u>	<u>Test Method ¹:</u>
LTE	3GPP TS 36.523-1



DEKRA TESTING AND CERTIFICATION CO., LTD
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<u>Test:</u>	<u>Test Methods ¹:</u>
Mobile Devices	
GSM/GPRS/EDGE Radiated Spurious Emissions	ETSI EN 300 607-1; EN 301 511; ETSI EN 301 511; 3GPP TS 51.010-1; ETSI TS 151 010-1
WCDMA/UMTS/HSPA Radiated Spurious Emissions	EN 301 908-1; ETSI EN 301 908-1; 3GPP TS 34.124; ETSI TS 134 124
LTE FDD/TDD Radiated Spurious Emissions	EN 301 908-1; ETSI EN 301 908-1; 3GPP TS 36.124; ETSI TS 136 124

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 No.18, Ln. 30, Sec. 1, Jiuzong Rd.
 Neihu Dist., Taipei City 114, Taiwan (R.O.C.)

<u>Test:</u>	<u>Test Methods ¹:</u>
Mobile Devices	
RF Performance	CTIA Test Plan for Wireless Device Over-the-Air Performance 3GPP TS 34.114; 3GPP TS 25.144; 3GPP TR 25.914; CTIA Test Plan for RF Performance Evaluation of Wi-Fi Mobile Converged Devices; CTIA Test Plan for 2x2 Downlink MIMO and Transmit Diversity Over-the-Air Performance; 3GPP TR 37.976; 3GPP TR 37.977

DEKRA TESTING AND CERTIFICATION CO., LTD.
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<u>Test:</u>	<u>Test Methods ¹:</u>
Mobile Devices	
GSM/GPRS/EDGE Radiated Spurious Emissions	ETSI EN 300 607-1; EN 301 511; ETSI EN 301 511; 3GPP TS 51.010-1; ETSI TS 151 010-1
WCDMA/UMTS/HSPA Radiated Spurious Emissions	EN 301 908-1; ETSI EN 301 908-1; 3GPP TS 34.124; ETSI TS 134 124
LTE FDD/TDD Radiated Spurious Emissions	EN 301 908-1; ETSI EN 301 908-1; 3GPP TS 36.124; ETSI TS 136 124

On the following products or types of products:

Wireless Devices and Mobile Devices

¹ When the date, edition, version, etc. is not identified in the scope of accreditation, laboratories may use the version that immediately precedes the current version for a period of one year from the date of publication of the standard measurement method, per part C., Section 1 of A2LA R101 - *General Requirements- Accreditation of ISO-IEC 17025 Laboratories.*

