KL-Certification GmbH
German Certification Body

EU-Type Examination Certificate

Certificate Number	T.2021.07.0004
Certificate Holder	Shanghai Yuge Information Technology co.,Ltd.
Certificate Holder Address	303 Block 6, ShengRong RD. 88 Pu-Dong District Shanghai, China
Product Model Name	CLM920, CLM920 TE3, CLM920 TD3,CLM920 AD3,CLM920 JD3,CLM920 RE3, CLM920 KE3,CLM920 TE5,CLM920 TD5,CLM920 AD5, CLM920 JD5, CLM920 RE5,CLM920 KE5, CLR920, CLR900A, CLR903
Product Description	4G Wireless Communication Module
Manufacturer (if different from Certificate Holder)	

Type Examination Certificate	In accordance with Annex III of Council Directive 2014/53/EU, Radio Equipment Directive (RED), and the mutual recognition of their conformity we give our opinion that the submitted documentation for the apparatus identified above complies with the requirements of the directive in the scope stated below.
Marking	The apparatus shall be marked with the CE mark as required by the Council Directive 2014/53/EU.
Validity	The conformity stated in this EU-Type Examination Certificate is provided until the assessed type of equipment or the standard(s) has(have) undergone changes or modifications but not later than 10 years after the issue date of this certificate.
Annex	The certificate is only valid together with the annex.

Conformity Assessment

Essential Requirement	Examined Documentation	Result
Safety RED, Article 3.1a	Technical Documentation	conform
Health RED, Article 3.1a	Technical Documentation	conform
EMC RED, Article 3.1b	Technical Documentation	conform
Radio Spectrum RED, Article 3.2	Technical Documentation	conform

CE 2784

St. Ingbert, 21.07.2021
Place, issue date

Authorized Signature

Bundesnetzagentur
BNetzA-bS-18/51-64

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https://www.kl-certification.de

Authorized by the German Government to act as a Notified Body in accordance with the RE Directive 2014/53/EU

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Product Characteristics

Brand Name		N/A
Hardware Version		CLM920_TE3
Software Version		V2.0
Operating Frequency	GSM900	880.20 – 914.80 MHz
	DCS1800	1710.20 – 1784.80 MHz
	WCDMA I	1922.40 – 1977.60 MHz
	WCDMA VIII	882.40 – 912.60 MHz
	LTE Bd. 1	1920 – 1980 MHz
	LTE Bd. 3	1710 – 1785 MHz
	LTE Bd. 7	2500 – 2570 MHz
	LTE Bd. 8	880 – 915 MHz
	LTE Bd. 20	832 – 862 MHz
	LTE Bd. 38	2570 – 2620 MHz
	LTE Bd. 40	2300 - 2400 MHz
	GPS L1	1575.42 MHz
	GPS L2	1277.60 MHz
	BDS B1	1561.098 MHz
	BDS B2	1207.44 MHz
	GLONASS G1	1602 MHz
	GLONASS G2	1246 MHz
Output Power	GSM900	32.66 dBm
	DCS1800	30.77 dBm
	WCDMA I	23.54 dBm
	WCDMA VIII	23.58 dBm
	LTE Bd. 1	23.25 dBm
	LTE Bd. 3	23.08 dBm
	LTE Bd. 7	23.23 dBm
	LTE Bd. 8	23.85 dBm
	LTE Bd. 20	23.41 dBm
	LTE Bd. 38	23.63 dBm
	LTE Bd. 40	23.48 dBm
Antenna		External Antenna(s)
Temperature		-20°C - +40°C

Evaluated Test Reports

Essential Requirement	Examined Documentation
Safety	
RED, Article 3.1a	EN 62368-1:2014+A11:2017 Report-No.: GRCTR210502002-06 issued by Shenzhen GUOREN Certification Technology Service Co., Ltd.
Health	

RED, Article 3.1a	**EN IEC 62311:2020** Report-No.: GRCTR210502002-07 issued by Shenzhen GUOREN Certification Technology Service Co., Ltd.
EMC	
RED, Article 3.1b	**ETSI EN 301 489-1 V2.2.3 (2019-11), DRAFT ETSI EN 301 489-19 V2.2.0 (2020-09), DRAFT ETSI EN 301 489-52 V1.1.2 (2020-12)** Report-No.: GRCTR210502002-01 issued by Shenzhen GUOREN Certification Technology Service Co., Ltd.
Radio Spectrum	
RED, Article 3.2	**ETSI EN 301 511 V12.5.1 (2017-03)** Report-No.: GRCTR210502002-02 issued by Shenzhen GUOREN Certification Technology Service Co., Ltd.
	ETSI EN 301 908-1 V13.1.1 (2019-11), ETSI EN 301 908-2 V13.1.1 (2020-06) Report-No.: GRCTR210502002-03 issued by Shenzhen GUOREN Certification Technology Service Co., Ltd.
	ETSI EN 301 908-1 V13.1.1 (2019-11), ETSI EN 301 908-13 V13.1.1 (2019-11) Report-No.: GRCTR210502002-04 issued by Shenzhen GUOREN Certification Technology Service Co., Ltd.
	ETSI EN 303 413 V1.2.1 (2021-04) Report-No.: GRCTR210502002-05 issued by Shenzhen Global Test Service Co., Ltd.

Limitations / Restrictions

- RF Exposure evaluation was determined with a separation distance of 30 mm.
- The assessed Technical Construction File is part of the application.

Notes

- Changes / Amendments of the specified regulations and standards during the validity of this certificate require a re-assessment of the product before placement on the market.
- The manufacturer is obliged to take all necessary measures to ensure ongoing conformity of the manufactured product with the approved type as described in this certificate and the requirements of Directive 2014/53/EU.

EU-Type Examination Certificate

- The CE mark shall be affixed to each item of radio equipment that is in conformity with the type described in this certificate and that satisfies the applicable Directive requirements.
- A copy of the Declaration of Conformity drawn up by the manufacturer for each radio equipment type shall be made available to the relevant authorities and must be kept at their disposal for at least 10 years after the radio equipment has been placed on the market.

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