KL-Certification GmbH
German Certification Body

EU-Type Examination Certificate

Certificate Number	T.2025.08.7008
Certificate Holder	Shanghai Unihertz E-Commerce Co., Ltd
Certificate Holder Address	Room 308, Building C, 508 Chundong Rd, Minhang district Shanghai, China 201108

Product Model Name	Titan 2
Product Description	5G Smart phone
Manufacturer (if different from Certificate Holder)	Shenzhen OBLUE Communication Technology Co.,Ltd.

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.

CE 2784

Shanghai, 08.08.2025
Place, issue date

Wailand Zhang
Name & authorized Signature

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66386 St Ingbert, Germany
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Authorized by the German Government to act as a Notified Body in accordance with the RE Directive 2014/53/EU

Bundesnetzagentur
BNetzA-bS-18/51-64

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Conformity Assessment

Essential Requirement	Examined Documentation	Result
Safety	Technical Documentation	
RED, Article 3.1a		conform
Health	Technical Documentation	
RED, Article 3.1a		conform
EMC	Technical Documentation	
RED, Article 3.1b		conform
Radio Spectrum	Technical Documentation	
RED, Article 3.2		conform
Additional Requirements	Technical Documentation	
RED, Article 3.3 d		not assessed
RED, Article 3.3 e		not assessed
RED, Article 3.3 f		not assessed
RED, Article 3.3 g		conform
RED, Article 3.4		not assessed

Product Characteristics

Brand Name		8849, Unihertz, iHunt	
Hardware Version		G71_V1.1	
Software Version		Titan 2_EEA_20250616	
Operating Frequency	Bluetooth	2402.0 - 2480.0	MHz
	Bluetooth LE	2402.0 - 2480.0	MHz
	2.4G WLan	2412.0 - 2472.0	MHz
	5.2G WLan	5180.0 - 5240.0	MHz
	5.2G WLan	5260.0 - 5320.0	MHz
	5.5G WLan	5500.0 - 5700.0	MHz
	5.8G WLan	5745.0 - 5825.0	MHz
	GSM 900	880.0 – 915.0	MHz
	GSM 1800	1710.0 - 1785.0	MHz
	WCDMA Band I	1920.0 - 1980.0	MHz
	WCDMA Band VIII	880.0 - 915.0	MHz
	LTE Band1	1920.0 - 1980.0	MHz
	LTE Band3	1710.0 - 1785.0	MHz
	LTE Band7	2500.0 - 2570.0	MHz
	LTE Band8	880.0 - 915.0	MHz
	LTE Band20	832.0 - 862.0	MHz
	LTE Band28	703.0 - 736.0	MHz
	LTE Band34	2010.0 - 2025.0	MHz
	LTE Band38	2570.0 - 2620.0	MHz

	LTE Band40	2300.0 - 2400.0	MHz
	5G NR n1	1920.0 - 1980.0	MHz
	5G NR n3	1710.0 - 1785.0	MHz
	5G NR n7	2500.0 - 2570.0	MHz
	5G NR n8	880.0 - 915.0	MHz
	5G NR n20	832.0 - 862.0	MHz
	5G NR n28	703.0 - 748.0	MHz
	5G NR n38	2570.0 - 2620.0	MHz
	5G NR n40	2300.0 - 2400.0	MHz
	5G NR n41	2500.0 - 2690.0	MHz
	5G NR n77	3300.0 - 4200.0	MHz
	5G NR n78	3300.0 - 3800.0	MHz
	NFC	13.56	MHz
	GNSS Receiver	1559.0 - 1610.0	MHz
	FM Receiver	87.5 - 108.0	MHz
Output Power	Bluetooth	8.19 dBm EIRP	
	Bluetooth LE	8.07 dBm EIRP	
	2.4G WLan	15.78 dBm EIRP	
	5.2G WLan	11.95 dBm EIRP	
	5.3G WLan	12.00 dBm EIRP	
	5.5G WLan	12.03 dBm EIRP	
	5.8G WLan	13.34 dBm EIRP	
	GSM 900	31.41 dBm conducted	
	GSM 1800	29.26 dBm conducted	
	WCDMA Band I	24.47 dBm conducted	
	WCDMA Band VIII	24.25 dBm conducted	
	LTE Band1	24.53 dBm conducted	
	LTE Band3	24.42 dBm conducted	
	LTE Band7	23.95 dBm conducted	
	LTE Band8	24.46 dBm conducted	
	LTE Band20	24.42 dBm conducted	
	LTE Band28	24.13 dBm conducted	
	LTE Band34	24.53 dBm conducted	
	LTE Band38	25.22 dBm conducted	
	LTE Band40	24.85 dBm conducted	
	5G NR n1	22.9 dBm conducted	
	5G NR n3	23.05 dBm conducted	
	5G NR n7	22.56 dBm conducted	
	5G NR n8	23.47 dBm conducted	
	5G NR n20	23.22 dBm conducted	
	5G NR n28	23.46 dBm conducted	
	5G NR n38	22.37 dBm conducted	
	5G NR n40	22.54 dBm conducted	
	5G NR n41	21.98 dBm conducted	
	5G NR n77	22.64 dBm conducted	

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	5G NR n78	22.85 dBm conducted
	NFC	-0.34dBµA/m @3m
Antenna		Internal Antenna(s)
Temperature		0°C - +40°C

Essential Requirement	Examined Documentation
Safety	
RED, Article 3.1a	**EN IEC 62368-1:2020+A11:2020** Report-No.: LGT25E142SA01 issued by Shenzhen LGT Test Service Co., Ltd.
Health	
RED, Article 3.1a	**EN 50360:2017+A1:2023, EN 50566:2017+A1:2023, EN IEC/IEEE 62209-1528:2021, EN 50663:2017, EN 62479:2010** Report-No.: LGT25E142HA02 issued by Shenzhen LGT Test Service Co., Ltd.
EMC	
RED, Article 3.1b	**ETSI EN 301 489-1 V2.2.3, ETSI EN 301 489-3 V2.3.2, ETSI EN 301 489-17 V3.3.1, ETSI EN 301 489-19 V2.2.1, ETSI EN 301 489-52 V1.3.1** Report-No.: LGT25E142EM01 issued by Shenzhen LGT Test Service Co., Ltd.
	EN 55032:2015+A11:2020, EN 55035:2017+A11:2020, EN IEC 61000-3-2:2019+A1:2021+A2:2024, EN 61000-3-3:2013+A1:2019+A2:2021 Report-No.: LGT25E142EM02 issued by Shenzhen LGT Test Service Co., Ltd.
Radio Spectrum	
RED, Article 3.2	**EN 301 511 V12.5.1, EN 301 908-1 V15.2.1, EN 301 908-2 V13.1.1, EN 301 908-13 V13.3.1** Report-No.: LGT25E142RF04 issued by Shenzhen LGT Test Service Co., Ltd.
	EN 300 328 V2.2.2 Report-No.: LGT25E142RF01 issued by Shenzhen LGT Test Service Co., Ltd.
	EN 300 328 V2.2.2 Report-No.: LGT25E142RF02 issued by Shenzhen LGT Test Service Co., Ltd.
	EN 300 328 V2.2.2 Report-No.: LGT25E142RF03 issued by Shenzhen LGT Test

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Service Co., Ltd.

EN 301 893 V2.1.1
Report-No.: LGT25E142RF05 and LGT25E142RF07 issued by Shenzhen LGT Test Service Co., Ltd.

EN 300 440 V2.2.1
Report-No.: LGT25E142RF06 issued by Shenzhen LGT Test Service Co., Ltd.

EN 303 413 V1.2.1
Report-No.: LGT25E142RF08 issued by Shenzhen LGT Test Service Co., Ltd.

EN 303 345-1 V1.1.1, EN 303 345-3 V1.1.1
Report-No.: LGT25E142RF09 issued by Shenzhen LGT Test Service Co., Ltd.

EN 300 330 V2.1.1
Report-No.: LGT25E142RF10 issued by Shenzhen LGT Test Service Co., Ltd.

EN 301 908-1 V15.2.1, EN 301 908-25 V15.1.1
Report-No.: LGT25E142RF19 issued by Shenzhen LGT Test Service Co., Ltd.

Additional Requirements

RED, Article 3.3g

The GUIDELINES FOR COMPLIANCE WITH DELEGATED REGULATION (EU) 2019/320, European Commission, April 2021
Report-No.: LGT25E142RF20 issued by Shenzhen LGT Test Service Co., Ltd

Limitations / Restrictions

- Body SAR was tested with a separation distance of 5 mm.
- This device also contains frequency bands that are not assessed while not being operational in the EC member states and not working without control of a network.
- 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.
- 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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