Notified Body
Eurofins Electrical and Electronic Testing NA, Inc.

EU-TYPE EXAMINATION CERTIFICATE

Registration Number: 2624-10-2023-230371

Manufacturer: SHENZHEN TUGAO INTELLIGENT CO.,LTD
8th Floor, Bldg A, Jinggang Science&Technology Park, Fuyong, Bao'an District, Shenzhen, China
Product Description: Smartphone
Model Number/Name:
Note 13 Pro, Note 13, Note, T1, T1-S1L, Note 11, iHunt S24 Xtreme, HT02, HT03, Note 15, Note 15 Pro, Note 16, Note 16 Pro

Essential Requirement(s)	**Result**
Art. 3.1(a) Safety	Conform
Art. 3.1 (a) Health	Conform
Art. 3.1(b) EMC	Conform
Art. 3.2 Radio	Conform
Art. 3.3(g) Emergency service	Not applicable

Examination Result:

Based on the reports provided and the information therein, the equipment referenced above is compliant to these specifications.

The scope of evaluation relates to the submitted documents only.

This Certificate is issued in accordance with Annex III, Module B, of the RE directive 2014/53/EU of 16 April 2014 and is only valid in conjunction with the attached Annex.

10/26/2023
Date

Signed By Tom Zhang
Notified Body

Annex

Product specification

Hardware version: N/A
Software version: N/A
Frequency Band(s):
BT: 2402MHz~2480MHz; Wi-Fi 2.4G: 2412MHz~2472MHz;
Wi-Fi 5.2G: 5180MHz~5240MHz; Wi-Fi 5.8G: 5745MHz~5825MHz;
GSM/GPRS/EGPRS 900: Uplink 880MHz~915MHz; Downlink 925MHz~960MHz
GSM/GPRS/EGPRS 1800 : Uplink 1710MHz~1785MHz; Downlink 1805MHz~1880MHz
WCDMA Band 1 : Uplink 1920MHz~1980MHz; Downlink 2110MHz~2170MHz
WCDMA Band 8 : Uplink 880MHz~915MHz; Downlink 925MHz~960MHz
FDD-LTE Band 1 : Uplink 1920MHz~1980MHz; Downlink 2110MHz~2170MHz
FDD-LTE Band 3 : Uplink 1710MHz~1785MHz; Downlink 1805MHz~1880MHz
FDD-LTE Band 7 : Uplink 2500MHz~2570MHz; Downlink 2620MHz~2690MHz
FDD-LTE Band 8 : Uplink 880MHz~915MHz; Downlink 925MHz~960MHz
FDD-LTE Band 20 : Uplink 832MHz~862MHz; Downlink 791MHz~821MHz
FDD-LTE Band 28: Uplink: 703 MHz to 748MHz; Downlink: 758 MHz to 803 MHz
TDD-LTE Band 38:Uplink & Downlink: 2570 MHz to 2620 MHz
TDD-LTE Band 40:Uplink & Downlink: 2300 MHz to 2400 MHz
FM Receiver: 87.5MHz~108MHz
GPS Receiver: 1.57542GHz, NFC:13.56MHz
Transmit Power Range(s):
BT(EDR): 4.49dBm; BT(BLE): -1.73dBm; Wi-Fi 2.4G: 16.41dBm;
Wi-Fi 5.2G: 11.13dBm; Wi-Fi 5.8G: 10.41dBm;
GSM 900: 33.35dBm; GSM 1800: 31.17dBm;
WCDMA Band 1: 23.95 dBm; WCDMA Band 8: 22.23dBm;
FDD-LTE Band 1: 24.67 dBm; FDD-LTE Band 3: 24.27dBm;
FDD-LTE Band 7: 24.85dBm; FDD-LTE Band 8: 24.61dBm;
FDD-LTE Band 20: 23.86dBm; FDD-LTE Band 28: 24.37dBm;
TDD-LTE Band 38: 24.94 dBm; TDD-LTE Band 40: 25dBm;
NFC: 15.78 dBuA/m@10m
Modulation Type(s):
BT(EDR): GFSK, Π/4-DQPSK,8-DPSK; BT(BLE): GFSK; Wi-Fi: DSSS/OFDM;
GSM: GMSK/8-PSK ; WCDMA: QPSK; LTE: QPSK/16QAM; FM: FM; GPS: BPSK; NFC:ASK
Antenna type(s):
PIFA Antenna ; NFC: Induction coil, FM: Use earphone as Antenna

Technical Construction File (TCF) Details

To demonstrate conformity with Article 3.1(a) Health
Applied Standards
EN 50360:2017;
EN 50566:2017;
EN 62209-1:2016;
EN 62209-2:2010;
EN 62479:2010;

Report or Certificate No.	Issue Date	Issued by
S23082105301001	09/16/2023	Shenzhen NTEK Testing Technology Co., Ltd.
To demonstrate conformity with Article 3.1(a) Safety		
Applied Standards		
EN IEC 62368-1:2020+A11:2020		
Report or Certificate No.	Issue Date	Issued by
S23082105302001	09/14/2023	Shenzhen NTEK Testing Technology Co., Ltd.
To demonstrate conformity with Article 3.1(b) EMC		
Applied Standards		
ETSI EN 301 489-1 V2.2.3 (2019-11)		
ETSI EN 301 489-3 V2.1.1 (2019-03)		
ETSI EN 301 489-17 V3.2.4 (2020-09)		
ETSI EN 301 489-19 V2.1.1 (2019-04)		
ETSI EN 301 489-52 V1.2.1 (2021-11)		
EN 55032:2015+A1:2020		
EN 55035:2017+A11:2020		
EN IEC 61000-3-2:2019+A1:2021		
EN 61000-3-3:2013+A2:2021		
Report or Certificate No.	Issue Date	Issued by
S23082105303001	09/20/2023	Shenzhen NTEK Testing Technology Co., Ltd.
To demonstrate conformity with Article 3.2 Spectrum Efficiency		
Applied Standards		
ETSI EN 301 511 V12.5.1 (2017-03)		
ETSI EN 301 908-1 V13.1.1 (2019-11)		
ETSI EN 301 908-2 V13.1.1 (2020-06)		
ETSI EN 301 908-1 V13.1.1 (2019-11)		
ETSI EN 301 908-13 V13.2.1 (2022-02)		
ETSI EN 300 328 V2.2.2 (2019-07)		
ETSI EN 301 893 V2.1.1 (2017-05)		
ETSI EN 300 440 V2.2.1 (2018-07)		
ETSI EN 303 413 V1.2.1 (2021-04)		
ETSI EN 303 345-1 V1.1.1 (2019-06)		
ETSI EN 303 345-3 V1.1.1 (2021-06)		
ETSI EN 300 330 V2.1.1 (2017-02)		
Report or Certificate No.	Issue Date	Issued by
S23082105304006	09/20/2023	Shenzhen NTEK Testing Technology Co., Ltd.
S23082105304007	09/20/2023	Shenzhen NTEK Testing Technology Co., Ltd.
S23082105304008	09/20/2023	Shenzhen NTEK Testing Technology Co., Ltd.
S23082105304001	09/20/2023	Shenzhen NTEK Testing Technology Co., Ltd.
S23082105304002	09/20/2023	Shenzhen NTEK Testing Technology Co., Ltd.
S23082105304003	09/20/2023	Shenzhen NTEK Testing Technology Co., Ltd.
S23082105304004	09/20/2023	Shenzhen NTEK Testing Technology Co., Ltd.
S23082105304005	09/20/2023	Shenzhen NTEK Testing Technology Co., Ltd.
S23082105304010	09/20/2023	Shenzhen NTEK Testing Technology Co., Ltd.
S23082105304009	09/20/2023	Shenzhen NTEK Testing Technology Co., Ltd.
S23082105304011	09/20/2023	Shenzhen NTEK Testing Technology Co., Ltd.

To demonstrate conformity with Article 3.3 Emergency service		
Applied Standards		
N/A		
Report or Certificate No.	Issue Date	Issued by
N/A	N/A	N/A