

EU TYPE EXAMINATION CERTIFICATE

Issue Date: January 6, 2022

Applicant:

Hunan Danuo Technology Co.,LTD
Xiangnan International Logistics Park, Building B7,No.89
Guo Qing South Road,Beihu District
Chenzhou City,Hunan Province. China

Manufacturer:

Same as Applicant

Model Number/Name: MF201,
D782,D02,D07,D09,N623,N58,N68,N98,M2,M2+,M3,M3+,M5,M5+,M7, M7+

Product Description: Router

Serial Number: N/A

Hardware version: HV1.0

Software version: SV1.0

Frequency Band(s):

2412~2472 MHz for 802.11b/g/nHT20; 2422~2462 MHz for 802.11nHT40

WCDMA BAND I: Tx: 1920MHz~1980MHz, Rx: 2110MHz~2170MHz

WCDMA BAND VIII: Tx: 880MHz~915MHz, Rx: 925MHz~960MHz

LTE BAND 1: TX:1920~1980MHz ; Rx:2100~2170MHz

LTE BAND 3: TX:1710~1785MHz ; Rx:1805~1880MHz

LTE BAND 8: TX:880~915MHz ; Rx:925~960MHz

LTE BAND 28: TX:703~748MHz ; Rx:758~803MHz

LTE BAND 40: TX:2300~2400MHz ; Rx:2300~2400MHz

Transmit Power Range(s):

802.11b: 16.58dBm; 802.11g: 13.91 dBm;

802.11n20: 12.81dBm; 802.11n40: 12.85dBm;

WCDMA Band I: 22.17dBm 0; WCDMA Band VIII: 22.77dBm;

LTE Band 1: 24.60dBm; LTE Band 3: 24.54dBm;LTE Band 8: 24.40dBm;

LTE Band 28: 24.86dBm; LTE Band 40: 24.64dBm;

Modulation Type(s): 802.11b: DSSS (CCK, DQPSK, DBPSK)

802.11g/n(20/40): DSSS (CCK,DQPSK,DBPSK)+OFDM(QPSK, BPSK, 16-QAM, 64-QAM)

QPSK, 16-QAM, 64-QAM for LTE ; QPSK; HSDPA; DC-HSDPA:QPSK/16QAM for WCDMA

HSUPA:BPSK

Channel Spacing(s): 802.11b/g/n(HT20)/(HT40):5MHz; WCDMA:200kHz; LTE:200kHz

Duty Cycle: N/A

Microprocessor Model Number(s): WCN3660B-WIFI / SKY77631/ RF5418

Antenna Type(s) and Gain(s):

2.4G WIFI Antenna:FPCB antenna 1.0dBi;

WCDMA Band I Antenna: FPCB antenna 1.96dBi;

WCDMA Band VIII Antenna: FPCB antenna 1.96dBi;

LTE Band1/3 Antenna: FPCB antenna 1.58dBi;

LTE Band8/28 Antenna: FPCB antenna 1.27dBi;

LTE Band40 Antenna: FPCB antenna 1.43d

Essential Requirement		Applied Specifications/Standards	Documentary Evidence	Result
Art. 3.1(a)	Safety	EN 62368-1:2014+A11:2017	Test Report	Pass
Art. 3.1 (a)	Health	EN IEC EN62311:2020	Test Report	Pass
Art. 3.1(b)	EMC	ETSI EN 301 489-1 V2.2.3 (2019-11) ; ETSI EN 301 489-17 V3.2.4 (2020-09) ; ETSI EN 301 489-52 V1.2.1 (2021-11)	Test Report	Pass
Art. 3.2	Radio	EN 300 328 V2.2.2(2019-07); ETSI EN 301 908-1 V15.1.1 (2021-09); ETSI EN 301 908-2 V13.1.1 (2020-06); ETSI EN 301 908-13 V13.1.1 (2019-11);	Test Report	Pass

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.



Tom Zhang

Technical Reviewer

REDCA Program, Eurofins Electrical and Electronic Testing NA, Inc.

Project Number: 1697-01-2022-116951

Technical Construction File (TCF) Details

<i>To demonstrate conformity with Article 3.1(a) Health</i>		
Applied Standards		
EN IEC EN62311:2020		
Report or Certificate No.	Issue Date	Issued by
21ITC1104033F	Nov. 15, 2021	Shenzhen iTC Product Testing Co., Ltd.
<i>To demonstrate conformity with Article 3.1(a) Safety</i>		
Applied Standards		
EN 62368-1:2014+A11:2017		
Report or Certificate No.	Issue Date	Issued by
21ITC1104034S	Nov. 15, 2021	Shenzhen iTC Product Testing Co., Ltd.
<i>To demonstrate conformity with Article 3.1(b) EMC</i>		
Applied Standards		
Version		
ETSI EN 301 489-1 V2.2.3 (2019-11) ; ETSI EN 301 489-17 V3.2.4 (2020-09) ;		
ETSI EN 301 489-52 V1.2.1 (2021-11)		
Report or Certificate No.	Issue Date	Issued by
21ITC1104033E	Nov. 15, 2021	Shenzhen iTC Product Testing Co., Ltd.
<i>To demonstrate conformity with Article 3.2 Spectrum Efficiency</i>		
Applied Standards		
Version		
EN 300 328 V2.2.2(2019-07); ETSI EN 301 908-1 V15.1.1 (2021-09);		
ETSI EN 301 908-2 V13.1.1 (2020-06); ETSI EN 301 908-13 V13.1.1 (2019-11);		
Report or Certificate No.	Issue Date	Issued by
21ITC1104033W01	Nov. 15, 2021	Shenzhen iTC Product Testing Co., Ltd.
21ITC1104033W02	Nov. 15, 2021	Shenzhen iTC Product Testing Co., Ltd.
21ITC1104033W03	Nov. 15, 2021	Shenzhen iTC Product Testing Co., Ltd.