



財團法人全國認證基金會
Taiwan Accreditation Foundation

Certification Accreditation

(Certificate No : L0659-221130)

This is to certify that

BTL Inc.

BTL Inc.

No.18, Ln. 171, Sec. 2, Jiuzong Rd., Neihu Dist., Taipei City 114, Taiwan (R.O.C.)

is accredited in respect of laboratory

Accreditation Criteria : ISO/IEC 17025:2017 ; CNS 17025:2018

Accreditation Number : 0659

Originally Accredited : August 01, 2000

Effective Period : December 21, 2021 to August 20, 2024

Accredited Scope : Testing Field, see described in the Appendix

Specific Accreditation

Program

Accreditation Program for Designated Testing Laboratory for Commodities Inspection, Accreditation Program for Communication Equipment Laboratories, Accreditation Program for BSMI Mutual Recognition Arrangement with Foreign Authorities, Accreditation Program for Laboratory of U.S. EPA ENERGY STAR



Scan to verify

Ching-Chang Lien

Ching-Chang Lien
President, Taiwan Accreditation Foundation
November 30, 2022

Accreditation Number : 0659

Laboratory Head : Wesley, Chiu

■ 15. 03 Medical Devices

Medical equipments and devices

E001 Safety

UL 60601-1

ANSI/AAMI ES 60601-1

IEC 60601-1 (Ed. 3.1)

EN 60601-1

BS EN 60601-1

CAN/CSA-C22.2 No. 60601-1

(Exclude AP and APG products, nonDefibrillation-proof applied part)

1 ϕ , 250 Vac max, 20 A max, 50 kVA max, 47 Hz to 63 Hz, 400 Vdc max, 95 A max.

Approval Signatory: Prince Chiu; CHIU, Fred; CHIU, Jackie

Testing Site: 1.10F., No. 167, Sec. 2, Datong Rd., Xizhi Dist., New Taipei City 221, Taiwan; 2.No.66, Ln. 169, Sec. 2, Datong Rd., Xizhi Dist., New Taipei City 221, Taiwan (R.O.C.)

■ 15. 03 Medical Devices

Electronic Medical Equipment

E002 EMC

IEC 60601-1-2

EN 60601-1-2

BS EN 60601-1-2

Excluding the equipment and system intended for use in transportation environment (aircraft and/or Vehicle) .

Approval Signatory: LEE, Pike; Josh Lin; CHIU, Andy; Jack Kao; Joe Chang

Testing Site: 1.No.18, Ln. 171, Sec. 2, Jiuzong Rd., Neihu Dist., Taipei City, Taiwan;

2.No.68-1, Ln. 169, Sec. 2, Datong Rd., Xizhi Dist., New Taipei City 221, Taiwan;

3.No.68-2, Ln. 169, Sec. 2, Datong Rd., Xizhi Dist., New Taipei City 221, Taiwan; 4.No.

72, Ln. 169, Sec. 2, Datong Rd., Xizhi Dist., New Taipei City 221, Taiwan

■ 18. 02 Commodity

Household and Similar Equipment

E002 EMC

CISPR 14-2

EN 55014-2

BS EN 55014-2

EN IEC 55014-2

BS EN IEC 55014-2

AS/NZS CISPR 14.2

P2, total 35 pages



GB 4343.2
SANS 214-2

Approval Signatory: LEE, Pike; Josh Lin; CHIU, Andy; Jack Kao; Joe Chang
Testing Site: 1.No.18, Ln. 171, Sec. 2, Jiuzong Rd., Neihu Dist., Taipei City, Taiwan;
2.No.68-1, Ln. 169, Sec. 2, Datong Rd., Xizhi Dist., New Taipei City 221, Taiwan;
3.No.68-2, Ln. 169, Sec. 2, Datong Rd., Xizhi Dist., New Taipei City 221, Taiwan

18.02 Commodity

Household electrical appliances, portable tools and similar electrical apparatus

E002 EMC
CISPR 14-1
EN 55014-1
BS EN 55014-1
EN IEC 55014-1
BS EN IEC 55014-1
CNS 13783-1
AS/NZS CISPR 14.1
AS CISPR 14.1
GB 4343.1
SANS 214-1

Approval Signatory: LEE, Pike; Josh Lin; CHIU, Andy; Jack Kao; Joe Chang
Testing Site: 1.No.18, Ln. 171, Sec. 2, Jiuzong Rd., Neihu Dist., Taipei City, Taiwan;
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3.No.68-2, Ln. 169, Sec. 2, Datong Rd., Xizhi Dist., New Taipei City 221, Taiwan; 4.No.
72, Ln. 169, Sec. 2, Datong Rd., Xizhi Dist., New Taipei City 221, Taiwan

18.04 Commodity

Audio/Video, Information and Communication Technology Equipment

E001 Safety
CNS 14408
IEC 60065
EN 60065
BS EN 60065
UL 60065
CSA-C22.2 NO.60065
GB 8898
IEC 62368-1
EN 62368-1
BS EN 62368-1
AS/NZS 62368.1
UL 62368-1
CAN/CSA-C22.2 No. 62368-1
CNS 15598-1
EN IEC 62368-1
BS EN IEC 62368-1
IEC 62368-3

P3, total 35 pages



EN IEC 62368-3

BS EN IEC 62368-3

1 ϕ , 250 Vac max, 30 A max, 50 kVA max, 47 Hz to 63 Hz, 400 Vdc max, 95 A max.

Approval Signatory: CHOU, Steven; Prince Chiu; CHIU, Fred; CHIU, Jackie; Anthony Hsu; Kevin Chung

Testing Site: 1.10F., No. 167, Sec. 2, Datong Rd., Xizhi Dist., New Taipei City 221, Taiwan; 2.No.66, Ln. 169, Sec. 2, Datong Rd., Xizhi Dist., New Taipei City 221, Taiwan (R.O.C.)

■ 18.04 Commodity

Audio and television broadcast receivers and associated equipment

E002 EMC

CISPR 13

EN 55013

BS EN 55013

CNS 13439

AS/NZS CISPR 13

GB 13837

Approval Signatory: LEE, Pike; Josh Lin; CHIU, Andy; Jack Kao; Joe Chang

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3.No.68-2, Ln. 169, Sec. 2, Datong Rd., Xizhi Dist., New Taipei City 221, Taiwan; 4.No.

72, Ln. 169, Sec. 2, Datong Rd., Xizhi Dist., New Taipei City 221, Taiwan

■ 18.04 Commodity

Audio/Video

E005 Energy Efficiency

ENERGY STARR Program Requirements Product Specification for Audio/Video IEC

62301 (EC) 1275/2008

(EC) No 1275/2008

(EU) No 801/2013

EN 50564

BS EN 50564

Approval Signatory: CHOU, Steven; Prince Chiu; CHIU, Fred; CHIU, Jackie; Anthony Hsu; Kevin Chung

Testing Site: 1.10F., No. 167, Sec. 2, Datong Rd., Xizhi Dist., New Taipei City 221,

Taiwan; 2.No.66, Ln. 169, Sec. 2, Datong Rd., Xizhi Dist., New Taipei City 221, Taiwan

(R.O.C.)

■ 19.05 Electronic and Electric

3C Secondary Lithium Cell/Battery, 3C Secondary Lithium Portable Power Packs (Power Bank) , Battery Cell, Battery Pack

E001 Safety (excluding Forced internal short circuit Cell test)

CNS 15364

P4, total 35 pages



IEC 62133
EN 62133
BS EN 62133
IEC 62133-2
EN 62133-2
BS EN 62133-2
CNS 62133-2
UN 38.3
IEC 62281
EN 62281
20 Vdc, 20 A

Approval Signatory: CHOU, Steven; Prince Chiu; CHIU, Fred; CHIU, Jackie; Anthony Hsu; Kevin Chung
Testing Site: 1.No.66, Ln. 169, Sec. 2, Datong Rd., Xizhi Dist., New Taipei City 221, Taiwan (R.O.C.)

19.06 Electronic and Electric

Mobile phone charger
E001 Safety
CNS 15285
1 ϕ , 240 Vac max., 30 A max., 50 kVA max, 60 Hz

Approval Signatory: CHOU, Steven; Prince Chiu; CHIU, Fred; CHIU, Jackie; Anthony Hsu; Kevin Chung
Testing Site: 1.10F., No. 167, Sec. 2, Datong Rd., Xizhi Dist., New Taipei City 221, Taiwan; 2.No.66, Ln. 169, Sec. 2, Datong Rd., Xizhi Dist., New Taipei City 221, Taiwan (R.O.C.)

19.06 Electronic and Electric

Single Voltage external AC-DC and AC-AC Power Supplies
E005 Energy Efficiency
Test Method for Calculating the Energy Efficiency of single-voltage external AC-DC and AC-AC Power Supplies
(EC) No 278/2009
(EU) 2019/1782
EN 50563
BS EN 50563

Approval Signatory: CHOU, Steven; Prince Chiu; CHIU, Fred; CHIU, Jackie; Anthony Hsu; Kevin Chung
Testing Site: 1.10F., No. 167, Sec. 2, Datong Rd., Xizhi Dist., New Taipei City 221, Taiwan; 2.No.66, Ln. 169, Sec. 2, Datong Rd., Xizhi Dist., New Taipei City 221, Taiwan (R.O.C.)



19.06 Electronic and Electric

Power Supply
E005 power
AS/NZS 4665.1
AS/NZS 4665.2

Approval Signatory: CHOU, Steven; Prince Chiu; CHIU, Fred; CHIU, Jackie; Anthony Hsu; Kevin Chung
Testing Site: 1.10F., No. 167, Sec. 2, Datong Rd., Xizhi Dist., New Taipei City 221, Taiwan; 2.No.66, Ln. 169, Sec. 2, Datong Rd., Xizhi Dist., New Taipei City 221, Taiwan (R.O.C.)

19.99 Electronic and Electric

Industrial, Scientific and Medical products
E002 EMC
CISPR 11
EN 55011
BS EN 55011
AS/NZS CISPR 11
AS CISPR 11
ICES 001
GB 4824
CNS 13803
SANS 211

Approval Signatory: LEE, Pike; Josh Lin; CHIU, Andy; Jack Kao; Joe Chang
Testing Site: 1.No.18, Ln. 171, Sec. 2, Jiuzong Rd., Neihu Dist., Taipei City, Taiwan; 2.No.68-1, Ln. 169, Sec. 2, Datong Rd., Xizhi Dist., New Taipei City 221, Taiwan; 3.No.68-2, Ln. 169, Sec. 2, Datong Rd., Xizhi Dist., New Taipei City 221, Taiwan; 4.No. 72, Ln. 169, Sec. 2, Datong Rd., Xizhi Dist., New Taipei City 221, Taiwan

19.99 Electronic and Electric

Industrial, Scientific, and Medical Equipment (Consumer ISM Equipment)
E002 EMC
47 CFR FCC Part 18
FCC MP-5

Approval Signatory: LEE, Pike; Josh Lin; CHIU, Andy; Jack Kao; Joe Chang
Testing Site: 1.No.18, Ln. 171, Sec. 2, Jiuzong Rd., Neihu Dist., Taipei City, Taiwan; 2.No.68-1, Ln. 169, Sec. 2, Datong Rd., Xizhi Dist., New Taipei City 221, Taiwan; 3.No.68-2, Ln. 169, Sec. 2, Datong Rd., Xizhi Dist., New Taipei City 221, Taiwan; 4.No. 72, Ln. 169, Sec. 2, Datong Rd., Xizhi Dist., New Taipei City 221, Taiwan

19.99 Electronic and Electric

Electric & electronic products
E002 EMC
IEC 61000-3-2
P6, total 35 pages



EN 61000-3-2
BS EN 61000-3-2
EN IEC 61000-3-2
BS EN IEC 61000-3-2
AS/NZS 61000.3.2
SANS 61000-3-2

Approval Signatory: LEE, Pike; Josh Lin; CHIU, Andy; Jack Kao; Joe Chang
Testing Site: 1.No.18, Ln. 171, Sec. 2, Jiuzong Rd., Neihu Dist., Taipei City, Taiwan;
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3.No.68-2, Ln. 169, Sec. 2, Datong Rd., Xizhi Dist., New Taipei City 221, Taiwan

E002 EMC
IEC 61000-3-3
EN 61000-3-3
BS EN 61000-3-3
AS/NZS 61000.3.3
SANS 61000-3-3

Approval Signatory: LEE, Pike; Josh Lin; CHIU, Andy; Jack Kao; Joe Chang
Testing Site: 1.No.18, Ln. 171, Sec. 2, Jiuzong Rd., Neihu Dist., Taipei City, Taiwan;
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3.No.68-2, Ln. 169, Sec. 2, Datong Rd., Xizhi Dist., New Taipei City 221, Taiwan

E002 EMC
IEC 61000-4-11
EN 61000-4-11
BS EN 61000-4-11
EN IEC 61000-4-11
BS EN IEC 61000-4-11
GB/T 17626.11
SANS 61000-4-11
Voltage Dips, Interruption: 0 % to 100 % Voltage Variation: Standard Variation Waveform

Approval Signatory: LEE, Pike; Josh Lin; CHIU, Andy; Jack Kao; Joe Chang
Testing Site: 1.No.18, Ln. 171, Sec. 2, Jiuzong Rd., Neihu Dist., Taipei City, Taiwan;
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3.No.68-2, Ln. 169, Sec. 2, Datong Rd., Xizhi Dist., New Taipei City 221, Taiwan

E002 EMC
IEC 61000-4-2
EN 61000-4-2
BS EN 61000-4-2
AS/NZS 61000.4.2
CNS 14676-2
GB/T 17626.2
SANS 61000-4-2

P7, total 35 pages

The Appendix forms an integral part of this Certificate, which shall be invalid when use without the Appendix



Contact discharge voltage: 2 kV to 30 kV Air discharge voltage: 2 kV to 30 kV

Approval Signatory: LEE, Pike; Josh Lin; CHIU, Andy; Jack Kao; Joe Chang
Testing Site: 1.No.18, Ln. 171, Sec. 2, Jiuzong Rd., Neihu Dist., Taipei City, Taiwan;
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E002 EMC

IEC 61000-4-3

EN 61000-4-3

BS EN 61000-4-3

EN IEC 61000-4-3

BS EN IEC 61000-4-3

AS/NZS 61000.4.3

CNS 14676-3

GB/T 17626.3

SANS 61000-4-3

(1) . Radiated Field Strength: 1 V/m to 10 V/m Frequency Range: 80 MHz to 6000 MHz

(2) . Radiated Field Strength: 28 V/m, Frequency Range: according EN 60601-1-2: 2015
Table 9 Test frequency point only.

Approval Signatory: LEE, Pike; Josh Lin; CHIU, Andy; Jack Kao; Joe Chang
Testing Site: 1.No.18, Ln. 171, Sec. 2, Jiuzong Rd., Neihu Dist., Taipei City, Taiwan;
2.No.68-1, Ln. 169, Sec. 2, Datong Rd., Xizhi Dist., New Taipei City 221, Taiwan;
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E002 EMC

IEC 61000-4-4

EN 61000-4-4

BS EN 61000-4-4

AS/NZS 61000.4.4

CNS 14676-4

GB/T 17626.4

SANS 61000-4-4

Power supply port: 0.5 kV to 4 kV I/O Port: 0.25 kV to 4 kV

Approval Signatory: LEE, Pike; Josh Lin; CHIU, Andy; Jack Kao; Joe Chang
Testing Site: 1.No.18, Ln. 171, Sec. 2, Jiuzong Rd., Neihu Dist., Taipei City, Taiwan;
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E002 EMC

IEC 61000-4-5

EN 61000-4-5

BS EN 61000-4-5

AS/NZS 61000.4.5

CNS 14676-5

P8, total 35 pages



GB/T 17626.5
SANS 61000-4-5
Power supply port: Test voltage 0.5 kV to 6.0 kV

Approval Signatory: LEE, Pike; Josh Lin; CHIU, Andy; Jack Kao; Joe Chang
Testing Site: 1.No.18, Ln. 171, Sec. 2, Jiuzong Rd., Neihu Dist., Taipei City, Taiwan;
2.No.68-1, Ln. 169, Sec. 2, Datong Rd., Xizhi Dist., New Taipei City 221, Taiwan;
3.No.68-2, Ln. 169, Sec. 2, Datong Rd., Xizhi Dist., New Taipei City 221, Taiwan

E002 EMC
IEC 61000-4-6
EN 61000-4-6
BS EN 61000-4-6
AS/NZS 61000.4.6
CNS 14676-6
GB/T 17626.6
SANS 61000-4-6
Induced Field Strength: 1 Vrms to 10 Vrms Frequency Range: 150 kHz to 230 MHz

Approval Signatory: LEE, Pike; Josh Lin; CHIU, Andy; Jack Kao; Joe Chang
Testing Site: 1.No.18, Ln. 171, Sec. 2, Jiuzong Rd., Neihu Dist., Taipei City, Taiwan;
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3.No.68-2, Ln. 169, Sec. 2, Datong Rd., Xizhi Dist., New Taipei City 221, Taiwan

E002 EMC
IEC 61000-4-8
EN 61000-4-8
BS EN 61000-4-8
AS/NZS 61000.4.8
CNS 14676-8
GB/T 17626.8
SANS 61000-4-8
Magnetic Field Strength: 1 A/m to 100 A/m Continuous

Approval Signatory: LEE, Pike; Josh Lin; CHIU, Andy; Jack Kao; Joe Chang
Testing Site: 1.No.18, Ln. 171, Sec. 2, Jiuzong Rd., Neihu Dist., Taipei City, Taiwan;
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19.99 Electronic and Electric

Electric and electronic products

E002 EMC
IEC 61000-6-1
EN 61000-6-1
BS EN 61000-6-1
EN IEC 61000-6-1
BS EN IEC 61000-6-1

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The Appendix forms an integral part of this Certificate, which shall be invalid when use without the Appendix



IEC 61000-6-2
EN 61000-6-2
BS EN 61000-6-2
EN IEC 61000-6-2
BS EN IEC 61000-6-2
IEC 61000-6-3
EN 61000-6-3
BS EN 61000-6-3
EN IEC 61000-6-3
BS EN IEC 61000-6-3
IEC 61000-6-4
EN 61000-6-4
BS EN 61000-6-4
EN IEC 61000-6-4
BS EN IEC 61000-6-4
Excluding IEC 61000-3-11, EN 61000-3-11, IEC 61000-3-12, EN 61000-3-12

Approval Signatory: LEE, Pike; Josh Lin; CHIU, Andy; Jack Kao; Joe Chang
Testing Site: 1.No.18, Ln. 171, Sec. 2, Jiuzong Rd., Neihu Dist., Taipei City, Taiwan;
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3.No.68-2, Ln. 169, Sec. 2, Datong Rd., Xizhi Dist., New Taipei City 221, Taiwan; 4.No.
72, Ln. 169, Sec. 2, Datong Rd., Xizhi Dist., New Taipei City 221, Taiwan

20. 01 Information Technology and Communication
CDMA Cellular communication Mobile and Portable Radio and Ancillary Equipment
E002 EMC
EN 301 489-1
EN 301 489-24
EN 301 489-52
Excluding the equipment intended for use in Vehicle environment
Excluding Audio Breakthrough test item

Approval Signatory: LEE, Pike; Josh Lin; CHIU, Andy; Jack Kao; Joe Chang
Testing Site: 1.No.18, Ln. 171, Sec. 2, Jiuzong Rd., Neihu Dist., Taipei City, Taiwan;
2.No.68-1, Ln. 169, Sec. 2, Datong Rd., Xizhi Dist., New Taipei City 221, Taiwan;
3.No.68-2, Ln. 169, Sec. 2, Datong Rd., Xizhi Dist., New Taipei City 221, Taiwan; 4.No.
72, Ln. 169, Sec. 2, Datong Rd., Xizhi Dist., New Taipei City 221, Taiwan

20. 01 Information Technology and Communication
GPS
E002 EMC
EN 301 489-1
EN 301 489-19
Excluding the equipment intended for use in Vehicle environment

Approval Signatory: LEE, Pike; Josh Lin; CHIU, Andy; Jack Kao; Joe Chang
Testing Site: 1.No.18, Ln. 171, Sec. 2, Jiuzong Rd., Neihu Dist., Taipei City, Taiwan;
2.No.68-1, Ln. 169, Sec. 2, Datong Rd., Xizhi Dist., New Taipei City 221, Taiwan;
3.No.68-2, Ln. 169, Sec. 2, Datong Rd., Xizhi Dist., New Taipei City 221, Taiwan; 4.No.
72, Ln. 169, Sec. 2, Datong Rd., Xizhi Dist., New Taipei City 221, Taiwan

P10, total 35 pages

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20. 01 Information Technology and Communication

GSM Cellular communication Mobile and Portable Radio and Ancillary Equipment

E002 EMC

EN 301 489-1 (Exclude: Transients and Surges in The Vehicular Environment)

EN 301 489-7 (Exclude: Calibration of The Overall Audio Link Performance & Measurement of The Audio Level at The Speech Output of The EUT)

Excluding the equipment intended for use in Vehicle environment

Excluding Audio Breakthrough test item

Approval Signatory: LEE, Pike; Josh Lin; CHIU, Andy; Jack Kao; Joe Chang

Testing Site: 1.No.18, Ln. 171, Sec. 2, Jiuzong Rd., Neihu Dist., Taipei City, Taiwan;

2.No.68-1, Ln. 169, Sec. 2, Datong Rd., Xizhi Dist., New Taipei City 221, Taiwan;

3.No.68-2, Ln. 169, Sec. 2, Datong Rd., Xizhi Dist., New Taipei City 221, Taiwan; 4.No. 72, Ln. 169, Sec. 2, Datong Rd., Xizhi Dist., New Taipei City 221, Taiwan

20. 01 Information Technology and Communication

Telecommunication Network Equipment

E002 EMC

ETSI EN 300 386

Current harmonics test of EN 61000-3-12 excluded

Voltage fluctuations and flicker test of EN 61000-3-11 excluded

Approval Signatory: LEE, Pike; Josh Lin; CHIU, Andy; Jack Kao; Joe Chang

Testing Site: 1.No.18, Ln. 171, Sec. 2, Jiuzong Rd., Neihu Dist., Taipei City, Taiwan;

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3.No.68-2, Ln. 169, Sec. 2, Datong Rd., Xizhi Dist., New Taipei City 221, Taiwan; 4.No. 72, Ln. 169, Sec. 2, Datong Rd., Xizhi Dist., New Taipei City 221, Taiwan

20. 01 Information Technology and Communication

Short Range Devices

E002 EMC

ETSI EN 301 489-1

ETSI EN 301 489-17

Current harmonics test of EN 61000-3-12 excluded

Voltage fluctuations and flicker test of EN 61000-3-11 excluded

Voltage Dips and Interruption test of EN 61000-4-34 excluded

Approval Signatory: LEE, Pike; Josh Lin; CHIU, Andy; Jack Kao; Joe Chang

Testing Site: 1.No.18, Ln. 171, Sec. 2, Jiuzong Rd., Neihu Dist., Taipei City, Taiwan;

2.No.68-1, Ln. 169, Sec. 2, Datong Rd., Xizhi Dist., New Taipei City 221, Taiwan;

3.No.68-2, Ln. 169, Sec. 2, Datong Rd., Xizhi Dist., New Taipei City 221, Taiwan; 4.No. 72, Ln. 169, Sec. 2, Datong Rd., Xizhi Dist., New Taipei City 221, Taiwan

E002 EMC

ETSI EN 301 489-1

ETSI EN 301 489-3

P11, total 35 pages

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Approval Signatory: LEE, Pike; Josh Lin; CHIU, Andy; Jack Kao; Joe Chang
Testing Site: 1.No.18, Ln. 171, Sec. 2, Jiuzong Rd., Neihu Dist., Taipei City, Taiwan;
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3.No.68-2, Ln. 169, Sec. 2, Datong Rd., Xizhi Dist., New Taipei City 221, Taiwan; 4.No.
72, Ln. 169, Sec. 2, Datong Rd., Xizhi Dist., New Taipei City 221, Taiwan

■ 20. 01 Information Technology and Communication

Ultra-wideband (UWB) equipment

E002 EMC

ETSI EN 301 489-1

ETSI EN 301 489-33

Approval Signatory: LEE, Pike; Josh Lin; CHIU, Andy; Jack Kao; Joe Chang
Testing Site: 1.No.18, Ln. 171, Sec. 2, Jiuzong Rd., Neihu Dist., Taipei City, Taiwan;
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■ 20. 01 Information Technology and Communication

T1/E1 (ISDN) User telecommunication terminal equipment

E004 Telecommunication

CS-03 Part II (1.5M)

CS-03 Part VI (1.5M ISDN)

HKTA 2017 (1.5M DTMF)

AS/ACIF S016

TBR 12/CTR12

TBR 13/CTR13

TBR 4 ISDN/CTR4

TIA-968-B

AS/ACIF S038

IS6100 (2020)

Basic/Primary rate interface layer 1

Basic/Primary rate interface layer 2

Basic/Primary rate interface layer 3

Approval Signatory: CHIU, Andy
Testing Site: 1.No.18, Ln. 171, Sec. 2, Jiuzong Rd., Neihu Dist., Taipei City, Taiwan

■ 20. 01 Information Technology and Communication

Public Switched Telephone Network (PSTN)

E004 Telecommunications

AS/CA S002

AS/CA S003.1

AS/CA S003.2

AS/CA S003.3

CS-03 Part I & V

CS-03 Part V

P12, total 35 pages



ETSI ES 203 021-2 and 3
ETSI EN 301 437 (voice analoge TE)
TBR 15, 2 wire
TBR 17, 4 wire
TBR 21
TBR 38
HKTA 2011 (Analog TE)
IDA TS PSTN 1
TIA-968-B
PTC 200
PTC 220
PSTN01 (2020)
AS/ACIF S004
AS/ACIF S040
ITU-T Rec. P.370
PSTN Terminal Equipment Communication interface test for PSTN Communication
interface test for multi-line Analog handset function

Approval Signatory: CHIU, Andy
Testing Site: 1.No.18, Ln. 171, Sec. 2, Jiuzong Rd., Neihu Dist., Taipei City, Taiwan

▼ 20. 01 Information Technology and Communication

Asymmetric digital subscriber loop telecommunication terminal equipment and splitter
E004 Telecommunications
AS/ACIF S043 (Australia)
AS/ACIF S041 (Australia)
CS-03 Part VIII (Canada)
TIA-968-B xDSL TE (USA)
ETSI TS 101 270-1 (VDSL)
IDA TS ADSL 1 (Singapore)
ETSI TS 101 388
PTC 273
PTC 281
ADSL01 (Taiwan) (2020)
VDSL01 (Taiwan) (2020)

Approval Signatory: CHIU, Andy
Testing Site: 1.No.18, Ln. 171, Sec. 2, Jiuzong Rd., Neihu Dist., Taipei City, Taiwan

▼ 20. 01 Information Technology and Communication

VoIP Gateway/IP phone
E004 Telecommunications
TIA/EIA 810-A
TIA/EIA 810-B
TIA/EIA 920

Approval Signatory: CHIU, Andy
Testing Site: 1.No.18, Ln. 171, Sec. 2, Jiuzong Rd., Neihu Dist., Taipei City, Taiwan

P13, total 35 pages



20. 01 Information Technology and Communication

Information Technology and Communication Products

E009 NS

MPE (RF exp.)

IEC 62311

EN 62311

BS EN 62311

EN IEC 62311

BS EN IEC 62311

EN 50665

BS EN 50665

IEC 62232

EN 62232

BS EN 62232

47 CFR FCC Part 1.1310

IEEE C95.3

RSS-102

47 CFR §2.1091

47 CFR §2.1093

NS (measurement) : 3 kHz to 10 MHz

RF exp. (measurement) : 3 kHz to 40 GHz

Approval Signatory: CHIU, Andy; Jerry Chuang; Scott Hsu; Peter Chen; LIU, Herbort
Testing Site: 1.No.68-1, Ln. 169, Sec. 2, Datong Rd., Xizhi Dist., New Taipei City 221,
Taiwan

20. 01 Information Technology and Communication

Telecommunication Terminal Equipment

E009 SAR

MPE (RF exp.)

LPD

NS

IEC/IEEE 62209-1528

EN 62209-1

IEC 62209-1

BS EN 62209-1

EN 62209-2

IEC 62209-2

BS EN 62209-2

EN 62311

IEC 62311

BS EN IEC 62311

EN 50665

BS EN 50665

EN 62479

BS EN 62479

EN 50360

BS EN 50360

EN 50361

P14, total 35 pages

The Appendix forms an integral part of this Certificate, which shall be invalid when use without the Appendix



BS EN 50361
EN 50566
BS EN 50566
EN 50364
BS EN 50364
EN 50383
BS EN 50383
EN 50385
BS EN 50385
EN 50663
BS EN 50663
IEEE 1528
IEEE C95.1
IEEE C95.3
KDB 865664
KDB 447498
CNS 14959
CNS 14958-1
RSS-102

ACA Radio Communication Standards

Article 14-2 of the Ordinance Regulating Radio Equipment,
Annex 79 of MIC Notification No. 88,

ARIB STD-T56

AS-NZS 2772.2

47 CFR §2.1093

SAR (measurement) : 650 MHz to 10 GHz

RF exp. (measurement) : 0 to 40 GHz

LPD (measurement) : 750 MHz to 10 GHz

NS (measurement) : 3 kHz to 10 MHz

Approval Signatory: Jerry Chuang; Scott Hsu; Peter Chen; LIU, Herbert

Testing Site: 1.No.68-1, Ln. 169, Sec. 2, Datong Rd., Xizhi Dist., New Taipei City 221,
Taiwan

▼ 20. 01 Information Technology and Communication

LTE for Land mobile station

E020 Wireless and Radio frequency test

Public notice of MIC No.88 (2004) Test method of specified radio equipments

Annex no. 86

Article 2 paragraph 1 item (11) -19

Article 2 paragraph 1 item (11) -19-2

Article 2 paragraph 1 item (11) -19-3

Approval Signatory: Eric Lee; Jerry Chuang; Scott Hsu; Peter Chen

Testing Site: 1.No.68-1, Ln. 169, Sec. 2, Datong Rd., Xizhi Dist., New Taipei City 221,

Taiwan; 2.No.68-2, Ln. 169, Sec. 2, Datong Rd., Xizhi Dist., New Taipei City 221, Taiwan;

3.No. 72, Ln. 169, Sec. 2, Datong Rd., Xizhi Dist., New Taipei City 221, Taiwan



20. 01 Information Technology and Communication

NR Terminal Equipment
E020 Wireless and Radio test
NCC PLMN12 (2020)
NCC PLMN ALL (2020)
3GPP TS 38.124 (section 8.2)
NCC PLMN ALL (only NCC PLMN12)
Excluding SA PWS
Excluding FR2

Approval Signatory: Eric Lee; Jay Kao; Jerry Chuang; Scott Hsu; Peter Chen; William Wei
Testing Site: 1.No.68-1, Ln. 169, Sec. 2, Datong Rd., Xizhi Dist., New Taipei City 221, Taiwan; 2.No.68-2, Ln. 169, Sec. 2, Datong Rd., Xizhi Dist., New Taipei City 221, Taiwan; 3.No. 72, Ln. 169, Sec. 2, Datong Rd., Xizhi Dist., New Taipei City 221, Taiwan

20. 01 Information Technology and Communication

W-CDMA and W-CDMA (HSDPA) Land mobile station
E020 Wireless and Radio frequency test
Public notice of MIC No.88 (2004) Test method of specified radio equipments
Annex no. 29
Article 2 paragraph 1 item (11) -3
Article 2 paragraph 1 item (11) -7

Approval Signatory: Eric Lee; Jerry Chuang; Scott Hsu; Peter Chen
Testing Site: 1.No.68-1, Ln. 169, Sec. 2, Datong Rd., Xizhi Dist., New Taipei City 221, Taiwan; 2.No.68-2, Ln. 169, Sec. 2, Datong Rd., Xizhi Dist., New Taipei City 221, Taiwan; 3.No. 72, Ln. 169, Sec. 2, Datong Rd., Xizhi Dist., New Taipei City 221, Taiwan

20. 01 Information Technology and Communication

Global System for Mobile Communications (GSM) 900 terminal equipment
E020 Wireless and Radio test
EN 301 511 (Radiated and Conducted Spurious Emission)
NCC PLMN01 (2012)
NCC PLMN ALL (2020)
Datong Testing Site (Vibration Condition Test Excluded)
NCC PLMN ALL (only for NCC PLMN01)

Approval Signatory: Eric Lee; CHIU, Andy; Jerry Chuang; Scott Hsu; Peter Chen
Testing Site: 1.No.18, Ln. 171, Sec. 2, Jiuzong Rd., Neihu Dist., Taipei City, Taiwan; 2.No.68-1, Ln. 169, Sec. 2, Datong Rd., Xizhi Dist., New Taipei City 221, Taiwan; 3.No.68-2, Ln. 169, Sec. 2, Datong Rd., Xizhi Dist., New Taipei City 221, Taiwan; 4.No. 72, Ln. 169, Sec. 2, Datong Rd., Xizhi Dist., New Taipei City 221, Taiwan

20. 01 Information Technology and Communication

Narrow Band Terminal Equipment
E020 Wireless and Radio test
NCC PLMN11 (2018)
P16, total 35 pages



NCC PLMN ALL (2020)
NCC PLMN ALL (only NCC PLMN11)

Approval Signatory: Eric Lee; Jay Kao; Jerry Chuang; Scott Hsu; Peter Chen; William Wei
Testing Site: 1.No.68-1, Ln. 169, Sec. 2, Datong Rd., Xizhi Dist., New Taipei City 221, Taiwan; 2.No.68-2, Ln. 169, Sec. 2, Datong Rd., Xizhi Dist., New Taipei City 221, Taiwan; 3.No. 72, Ln. 169, Sec. 2, Datong Rd., Xizhi Dist., New Taipei City 221, Taiwan

▀ 20. 01 Information Technology and Communication

Commercial Mobile Services Equipments

E020 Wireless and Radio test
47 CFR FCC Part 22 (cellular)
47 CFR FCC Part 24
47 CFR FCC Part 25 (below 3 GHz)
47 CFR FCC Part 27
ANSI/TIA-603-E-2016
TIA-102.CAAA-E-2016
ANSI C63.26-2015
KDB 971168
IC RSS-132
IC RSS-133
IC RSS-139
9 kHz to 40 GHz

Approval Signatory: Eric Lee; CHIU, Andy; Jay Kao; Jerry Chuang; Scott Hsu; Peter Chen; William Wei
Testing Site: 1.No.18, Ln. 171, Sec. 2, Jiuzong Rd., Neihu Dist., Taipei City, Taiwan; 2.No.66, Ln. 169, Sec. 2, Datong Rd., Xizhi Dist., New Taipei City 221, Taiwan; 3.No.68-1, Ln. 169, Sec. 2, Datong Rd., Xizhi Dist., New Taipei City 221, Taiwan; 4.No.68-2, Ln. 169, Sec. 2, Datong Rd., Xizhi Dist., New Taipei City 221, Taiwan; 5.No. 72, Ln. 169, Sec. 2, Datong Rd., Xizhi Dist., New Taipei City 221, Taiwan

▀ 20. 01 Information Technology and Communication

General Mobile Services Equipments

E020 Wireless and Radio test
47 CFR FCC Part 22 (non-cellular)
47 CFR FCC Part 90 (below 3 GHz)
47 CFR FCC Part 95
47 CFR FCC Part 97 (below 3 GHz)
47 CFR FCC Part 101 (below 3 GHz)
ANSI/TIA-603-E-2016
TIA-102.CAAA-E-2016
ANSI C63.26-2015
RSS-130
RSS-140
RSS-192
RSS-195
RSS-197

P17, total 35 pages



RSS-199
RSS-247
RSS-248
EN 301 511
EN 301 908-2
EN 301 908-13
NCC PLMN10 (2018)
NCC PLMN ALL (2020)
NCC PLMN ALL (only for NCC PLMN10)

Approval Signatory: Eric Lee; Jay Kao; Jerry Chuang; Scott Hsu; Peter Chen; William Wei
Testing Site: 1.No.66, Ln. 169, Sec. 2, Datong Rd., Xizhi Dist., New Taipei City 221, Taiwan; 2.No.68-1, Ln. 169, Sec. 2, Datong Rd., Xizhi Dist., New Taipei City 221, Taiwan; 3.No.68-2, Ln. 169, Sec. 2, Datong Rd., Xizhi Dist., New Taipei City 221, Taiwan; 4.No. 72, Ln. 169, Sec. 2, Datong Rd., Xizhi Dist., New Taipei City 221, Taiwan

■ 20. 01 Information Technology and Communication

U-NII without DFS Intentional Radiators
E020 Wireless and Radio test
47 CFR FCC Part 15 Subpart E
ANSI C63.10
KDB 789033
Without DFS

Approval Signatory: Eric Lee; CHIU, Andy; Jay Kao; Jerry Chuang; Scott Hsu; Peter Chen; William Wei
Testing Site: 1.No.18, Ln. 171, Sec. 2, Jiuzong Rd., Neihu Dist., Taipei City, Taiwan; 2.No.66, Ln. 169, Sec. 2, Datong Rd., Xizhi Dist., New Taipei City 221, Taiwan; 3.No.68-1, Ln. 169, Sec. 2, Datong Rd., Xizhi Dist., New Taipei City 221, Taiwan; 4.No.68-2, Ln. 169, Sec. 2, Datong Rd., Xizhi Dist., New Taipei City 221, Taiwan; 5.No. 72, Ln. 169, Sec. 2, Datong Rd., Xizhi Dist., New Taipei City 221, Taiwan

■ 20. 01 Information Technology and Communication

Wireless power transmission systems
E020 Wireless and Radio test
EN 303 417

Approval Signatory: Eric Lee; CHIU, Andy; Jerry Chuang; Scott Hsu; Peter Chen
Testing Site: 1.No.66, Ln. 169, Sec. 2, Datong Rd., Xizhi Dist., New Taipei City 221, Taiwan; 2.No.68-1, Ln. 169, Sec. 2, Datong Rd., Xizhi Dist., New Taipei City 221, Taiwan; 3.No.68-2, Ln. 169, Sec. 2, Datong Rd., Xizhi Dist., New Taipei City 221, Taiwan; 4.No. 72, Ln. 169, Sec. 2, Datong Rd., Xizhi Dist., New Taipei City 221, Taiwan

■ 20. 01 Information Technology and Communication

Wideband Code Division Multiple Access (WCDMAFDD) terminal equipment
E020 Wireless and Radio test
PLMN08 (2018)
P18, total 35 pages



NCC PLMN ALL (2020)
EN 301 908-1
NCC PLMN ALL (only for NCC PLMN08)

Approval Signatory: Eric Lee; CHIU, Andy; Jay Kao; Jerry Chuang; Scott Hsu; Peter Chen; William Wei

Testing Site: 1.No.18, Ln. 171, Sec. 2, Jiuzong Rd., Neihu Dist., Taipei City, Taiwan;
2.No.68-1, Ln. 169, Sec. 2, Datong Rd., Xizhi Dist., New Taipei City 221, Taiwan;
3.No.68-2, Ln. 169, Sec. 2, Datong Rd., Xizhi Dist., New Taipei City 221, Taiwan; 4.No.
72, Ln. 169, Sec. 2, Datong Rd., Xizhi Dist., New Taipei City 221, Taiwan

20. 13 Information Technology and Communication

GNSS Receiver

E020 Wireless and Radio frequency test

EN 303 413

Approval Signatory: Eric Lee; CHIU, Andy; Jerry Chuang; Scott Hsu; Peter Chen
Testing Site: 1.No.68-1, Ln. 169, Sec. 2, Datong Rd., Xizhi Dist., New Taipei City 221, Taiwan; 2.No.68-2, Ln. 169, Sec. 2, Datong Rd., Xizhi Dist., New Taipei City 221, Taiwan; 3.No. 72, Ln. 169, Sec. 2, Datong Rd., Xizhi Dist., New Taipei City 221, Taiwan

20. 13 Information Technology and Communication

Citizen Wireless Broadband Service

E020 Wireless and Radio test

47 CFR FCC Part 96

KDB 971168

KDB 940660

ANSI/TIA-603-E-2016

TIA-102.CAAA-E-2016

ANSI C63.26-2015

Frequency Range: 9kHz to 40 GHz

Approval Signatory: Eric Lee; Jerry Chuang; Scott Hsu; Peter Chen

Testing Site: 1.No.66, Ln. 169, Sec. 2, Datong Rd., Xizhi Dist., New Taipei City 221, Taiwan; 2.No.68-1, Ln. 169, Sec. 2, Datong Rd., Xizhi Dist., New Taipei City 221, Taiwan; 3.No.68-2, Ln. 169, Sec. 2, Datong Rd., Xizhi Dist., New Taipei City 221, Taiwan; 4.No. 72, Ln. 169, Sec. 2, Datong Rd., Xizhi Dist., New Taipei City 221, Taiwan

20. 13 Information Technology and Communication

Low power R.F. equipment

E020 Wireless and Radio test

EN 300 220-1

EN 300 220-2

EN 300 330

EN 300 440

AS/NZS 4268

P19, total 35 pages

The Appendix forms an integral part of this Certificate, which shall be invalid when use without the Appendix



Approval Signatory: Eric Lee; CHIU, Andy; Jay Kao; Jerry Chuang; Scott Hsu; Peter Chen; William Wei

Testing Site: 1.No.68-1, Ln. 169, Sec. 2, Datong Rd., Xizhi Dist., New Taipei City 221, Taiwan; 2.No.68-2, Ln. 169, Sec. 2, Datong Rd., Xizhi Dist., New Taipei City 221, Taiwan; 3.No. 72, Ln. 169, Sec. 2, Datong Rd., Xizhi Dist., New Taipei City 221, Taiwan

E020 Wireless and Radio test
EN 300 328

Approval Signatory: Eric Lee; CHIU, Andy; Jay Kao; Jerry Chuang; Scott Hsu; Peter Chen; William Wei

Testing Site: 1.No.68-1, Ln. 169, Sec. 2, Datong Rd., Xizhi Dist., New Taipei City 221, Taiwan; 2.No.68-2, Ln. 169, Sec. 2, Datong Rd., Xizhi Dist., New Taipei City 221, Taiwan; 3.No. 72, Ln. 169, Sec. 2, Datong Rd., Xizhi Dist., New Taipei City 221, Taiwan

E020 Wireless and Radio test
EN 301 893
ETSI EN 303 687 (Draft)

Approval Signatory: Eric Lee; CHIU, Andy; Jay Kao; Jerry Chuang; Scott Hsu; Peter Chen; William Wei

Testing Site: 1.No.68-1, Ln. 169, Sec. 2, Datong Rd., Xizhi Dist., New Taipei City 221, Taiwan; 2.No.68-2, Ln. 169, Sec. 2, Datong Rd., Xizhi Dist., New Taipei City 221, Taiwan; 3.No. 72, Ln. 169, Sec. 2, Datong Rd., Xizhi Dist., New Taipei City 221, Taiwan

E020 Wireless and Radio test
RSS-216

Approval Signatory: Eric Lee; CHIU, Andy; Jerry Chuang; Scott Hsu; Peter Chen

Testing Site: 1.No.66, Ln. 169, Sec. 2, Datong Rd., Xizhi Dist., New Taipei City 221, Taiwan; 2.No.68-1, Ln. 169, Sec. 2, Datong Rd., Xizhi Dist., New Taipei City 221, Taiwan; 3.No.68-2, Ln. 169, Sec. 2, Datong Rd., Xizhi Dist., New Taipei City 221, Taiwan; 4.No. 72, Ln. 169, Sec. 2, Datong Rd., Xizhi Dist., New Taipei City 221, Taiwan

E020 Wireless and Radio Frequency test
Public notice of MIC No.88 (2004) Test method of specified radio equipments
Annex no. 43
Article 2 paragraph 1 item (19)
Annex no. 44
Article 2 paragraph 1 item (19) -2
Annex no. 45
Article 2 paragraph 1 item (19) -3
Article 2 paragraph 1 item (19) -3-2
Article 2 paragraph 1 item (19) -3-3
RCR STD-33
ARIB STD-T66

P20, total 35 pages



ARIB STD-T71
ARIB STD-T81
ARIB STD-T82

Approval Signatory: Eric Lee; Jay Kao; Jerry Chuang; Scott Hsu; Peter Chen; William Wei
Testing Site: 1.No.68-1, Ln. 169, Sec. 2, Datong Rd., Xizhi Dist., New Taipei City 221, Taiwan; 2.No.68-2, Ln. 169, Sec. 2, Datong Rd., Xizhi Dist., New Taipei City 221, Taiwan; 3.No. 72, Ln. 169, Sec. 2, Datong Rd., Xizhi Dist., New Taipei City 221, Taiwan

20. 13 Information Technology and Communication

Low power R.F. equipmen
E020 Wireless and Radio test
RSS-210
RSS-310
RSS-Gen

Approval Signatory: Eric Lee; CHIU, Andy; Jerry Chuang; Scott Hsu; Peter Chen
Testing Site: 1.No.18, Ln. 171, Sec. 2, Jiuzong Rd., Neihu Dist., Taipei City, Taiwan; 2.No.66, Ln. 169, Sec. 2, Datong Rd., Xizhi Dist., New Taipei City 221, Taiwan; 3.No.68-1, Ln. 169, Sec. 2, Datong Rd., Xizhi Dist., New Taipei City 221, Taiwan; 4.No.68-2, Ln. 169, Sec. 2, Datong Rd., Xizhi Dist., New Taipei City 221, Taiwan; 5.No. 72, Ln. 169, Sec. 2, Datong Rd., Xizhi Dist., New Taipei City 221, Taiwan

20. 13 Information Technology and Communication

RFID Equipment
E020 Wireless and Radio frequency test
ARIB STD-T106
Public notice of MIC No.88 (2004) Test method of specified radio equipments
Annex no. 20-1
Article 2 paragraph 1 item (6)
Article 2 paragraph 1 item (6) -2
ARIB STD-T107
ARIB STD-T108
Public notice of MIC No.88 (2004) Test method of specified radio equipments
Annex no. 22-3
Article 2 paragraph 1 item (8)

Approval Signatory: Eric Lee; Jerry Chuang; Scott Hsu; Peter Chen
Testing Site: 1.No.68-1, Ln. 169, Sec. 2, Datong Rd., Xizhi Dist., New Taipei City 221, Taiwan; 2.No.68-2, Ln. 169, Sec. 2, Datong Rd., Xizhi Dist., New Taipei City 221, Taiwan; 3.No. 72, Ln. 169, Sec. 2, Datong Rd., Xizhi Dist., New Taipei City 221, Taiwan

20. 13 Information Technology and Communication

U-NII with DFS Intentional Radiators
47 CFR FCC Part 15 Subpart E
FCC KDB Publication 905462 D02 v02 (April 8, 2016)

P21, total 35 pages

The Appendix forms an integral part of this Certificate, which shall be invalid when use without the Appendix



Approval Signatory: Eric Lee; CHIU, Andy; Jay Kao; Jerry Chuang; Scott Hsu; Peter Chen; William Wei

Testing Site: 1.No.18, Ln. 171, Sec. 2, Jiuzong Rd., Neihu Dist., Taipei City, Taiwan; 2.No.66, Ln. 169, Sec. 2, Datong Rd., Xizhi Dist., New Taipei City 221, Taiwan; 3.No.68-1, Ln. 169, Sec. 2, Datong Rd., Xizhi Dist., New Taipei City 221, Taiwan; 4.No.68-2, Ln. 169, Sec. 2, Datong Rd., Xizhi Dist., New Taipei City 221, Taiwan; 5.No. 72, Ln. 169, Sec. 2, Datong Rd., Xizhi Dist., New Taipei City 221, Taiwan

20. 13 Information Technology and Communication

Intentional Radiators

E020 Wireless and Radio test

47 CFR FCC Part 15 Subpart C

ANSI C63.10

Approval Signatory: Eric Lee; CHIU, Andy; Jay Kao; Jerry Chuang; Scott Hsu; Peter Chen; William Wei

Testing Site: 1.No.18, Ln. 171, Sec. 2, Jiuzong Rd., Neihu Dist., Taipei City, Taiwan; 2.No.66, Ln. 169, Sec. 2, Datong Rd., Xizhi Dist., New Taipei City 221, Taiwan; 3.No.68-1, Ln. 169, Sec. 2, Datong Rd., Xizhi Dist., New Taipei City 221, Taiwan; 4.No.68-2, Ln. 169, Sec. 2, Datong Rd., Xizhi Dist., New Taipei City 221, Taiwan; 5.No. 72, Ln. 169, Sec. 2, Datong Rd., Xizhi Dist., New Taipei City 221, Taiwan

20. 21 Information Technology and Communication

Information and Communication Technology Equipment

E001 Safety

CNS 14336-1

IEC 60950-1

EN 60950-1

AS/NZS 60950.1

UL 60950-1

CAN/CSA C22.2 NO.60950-1

GB 4943.1

1 ϕ , 250 Vac max, 30 A max, 50 kVA max, 47 Hz to 63 Hz, 400 Vdc max, 95 A max.

Approval Signatory: CHOU, Steven; Prince Chiu; CHIU, Fred; CHIU, Jackie; Anthony Hsu; Kevin Chung

Testing Site: 1.10F., No. 167, Sec. 2, Datong Rd., Xizhi Dist., New Taipei City 221, Taiwan; 2.No.66, Ln. 169, Sec. 2, Datong Rd., Xizhi Dist., New Taipei City 221, Taiwan (R.O.C.)

20. 21 Information Technology and Communication

Information Technology & Communication Equipment

E001 Safety

AS/NZS 60950.1

1 ϕ , 250 Vac max. 30 A max, 50 kVA max, 47 Hz to 63 Hz, 400 Vdc max, 95 A max.



Approval Signatory: CHOU, Steven; Prince Chiu; CHIU, Fred; CHIU, Jackie; Anthony Hsu; Kevin Chung
Testing Site: 1.10F., No. 167, Sec. 2, Datong Rd., Xizhi Dist., New Taipei City 221, Taiwan; 2.No.66, Ln. 169, Sec. 2, Datong Rd., Xizhi Dist., New Taipei City 221, Taiwan (R.O.C.)

20. 21 Information Technology and Communication

Multimedia Device
E002 EMC
EN 55032
BS EN 55032
CISPR 32
AS/NZS CISPR 32
VCCI-CISPR 32
CNS 15936
SANS 2332

Approval Signatory: LEE, Pike; Josh Lin; CHIU, Andy; Jack Kao; Joe Chang
Testing Site: 1.No.18, Ln. 171, Sec. 2, Jiuzong Rd., Neihu Dist., Taipei City, Taiwan;
2.No.68-1, Ln. 169, Sec. 2, Datong Rd., Xizhi Dist., New Taipei City 221, Taiwan;
3.No.68-2, Ln. 169, Sec. 2, Datong Rd., Xizhi Dist., New Taipei City 221, Taiwan; 4.No. 72, Ln. 169, Sec. 2, Datong Rd., Xizhi Dist., New Taipei City 221, Taiwan

20. 21 Information Technology and Communication

MME
E002 EMC
CISPR 35
BS EN 55035
EN 55035
SANS 2335

Excluding equipment with XDSL port

Approval Signatory: LEE, Pike; Josh Lin; CHIU, Andy; Jack Kao; Joe Chang
Testing Site: 1.No.18, Ln. 171, Sec. 2, Jiuzong Rd., Neihu Dist., Taipei City, Taiwan;
2.No.68-1, Ln. 169, Sec. 2, Datong Rd., Xizhi Dist., New Taipei City 221, Taiwan;
3.No.68-2, Ln. 169, Sec. 2, Datong Rd., Xizhi Dist., New Taipei City 221, Taiwan

20. 21 Information Technology and Communication

Unintentional radiators
E002 EMC
47 CFR FCC Part 15 Subpart B
ANSI C63.4
ANSI C63.4a

Approval Signatory: LEE, Pike; Josh Lin; CHIU, Andy; Jack Kao; Joe Chang
Testing Site: 1.No.18, Ln. 171, Sec. 2, Jiuzong Rd., Neihu Dist., Taipei City, Taiwan;
2.No.68-1, Ln. 169, Sec. 2, Datong Rd., Xizhi Dist., New Taipei City 221, Taiwan;
3.No.68-2, Ln. 169, Sec. 2, Datong Rd., Xizhi Dist., New Taipei City 221, Taiwan; 4.No. 72, Ln. 169, Sec. 2, Datong Rd., Xizhi Dist., New Taipei City 221, Taiwan
P23, total 35 pages



20. 21 Information Technology and Communication

Information products

E002 EMC
CISPR 22
EN 55022
BS EN 55022
AS/NZS CISPR 22
VCCI V-3
ICES 003
CNS 13438
GB 9254

Approval Signatory: LEE, Pike; Josh Lin; CHIU, Andy; Jack Kao; Joe Chang
Testing Site: 1.No.18, Ln. 171, Sec. 2, Jiuzong Rd., Neihu Dist., Taipei City, Taiwan;
2.No.68-1, Ln. 169, Sec. 2, Datong Rd., Xizhi Dist., New Taipei City 221, Taiwan;
3.No.68-2, Ln. 169, Sec. 2, Datong Rd., Xizhi Dist., New Taipei City 221, Taiwan; 4.No.
72, Ln. 169, Sec. 2, Datong Rd., Xizhi Dist., New Taipei City 221, Taiwan

E002 EMC
CISPR 24
EN 55024
BS EN 55024

Approval Signatory: LEE, Pike; Josh Lin; CHIU, Andy; Jack Kao; Joe Chang
Testing Site: 1.No.18, Ln. 171, Sec. 2, Jiuzong Rd., Neihu Dist., Taipei City, Taiwan;
2.No.68-1, Ln. 169, Sec. 2, Datong Rd., Xizhi Dist., New Taipei City 221, Taiwan;
3.No.68-2, Ln. 169, Sec. 2, Datong Rd., Xizhi Dist., New Taipei City 221, Taiwan

**Accreditation Program for Designated Testing Laboratory for
Commodities Inspection**

18. 02 Commodity

Household electrical appliances, portable tools and similar electrical apparatus

E002 EMC
CNS 13783-1 (2004)
CNS 13783-1 (2013)

Approval Signatory: LEE, Pike; Josh Lin; CHIU, Andy; Jack Kao; Joe Chang
Testing Site: 1.No. 29, Jintang Road, Tangzhen Industry Park, Pudong New District,
Shanghai, China; 2.No.3, JinShaGang 1st Road, ShiXia, Dalang Town, DongGuan, China.;
3.No.18, Ln. 171, Sec. 2, Jiuzong Rd., Neihu Dist., Taipei City, Taiwan; 4.No.68-1, Ln.
169, Sec. 2, Datong Rd., Xizhi Dist., New Taipei City 221, Taiwan; 5.No.68-2, Ln. 169,
Sec. 2, Datong Rd., Xizhi Dist., New Taipei City 221, Taiwan; 6.No. 72, Ln. 169, Sec. 2,
Datong Rd., Xizhi Dist., New Taipei City 221, Taiwan



18.04 Commodity

Audio/Video, Information and Communication Technology Equipment

E001 Safety

CNS 15598-1 (2020)

1 ϕ , 250 Vac max, 30 A max, 50 kVA max, 47 Hz to 63 Hz, 400 Vdc max, 95 A max.

Approval Signatory: Prince Chiu; CHIU, Fred; CHIU, Jackie; Anthony Hsu; Kevin Chung
Testing Site: 1.10F., No. 167, Sec. 2, Datong Rd., Xizhi Dist., New Taipei City 221, Taiwan; 2.No.66, Ln. 169, Sec. 2, Datong Rd., Xizhi Dist., New Taipei City 221, Taiwan (R.O.C.)

18.04 Commodity

Audio & video equipments

E001 Safety

CNS 14408 (2004)

1 ϕ , 250 Vac max, 30 A max, 50 kVA max, 47 Hz to 63 Hz, 400 Vdc max, 95 A max.

Approval Signatory: Prince Chiu; CHIU, Fred; CHIU, Jackie; Anthony Hsu; Kevin Chung
Testing Site: 1.10F., No. 167, Sec. 2, Datong Rd., Xizhi Dist., New Taipei City 221, Taiwan; 2.No.66, Ln. 169, Sec. 2, Datong Rd., Xizhi Dist., New Taipei City 221, Taiwan (R.O.C.)

18.04 Commodity

Audio and television broadcast receivers and associated equipment

E002 EMC

CNS 13439 (2004)

Approval Signatory: LEE, Pike; Josh Lin; CHIU, Andy; Jack Kao; Joe Chang
Testing Site: 1.No. 29, Jintang Road, Tangzhen Industry Park, Pudong New District, Shanghai, China; 2.No.3, JinShaGang 1st Road, ShiXia, Dalang Town, DongGuan, China.; 3.No.18, Ln. 171, Sec. 2, Jiuzong Rd., Neihu Dist., Taipei City, Taiwan; 4.No.68-1, Ln. 169, Sec. 2, Datong Rd., Xizhi Dist., New Taipei City 221, Taiwan; 5.No.68-2, Ln. 169, Sec. 2, Datong Rd., Xizhi Dist., New Taipei City 221, Taiwan; 6.No. 72, Ln. 169, Sec. 2, Datong Rd., Xizhi Dist., New Taipei City 221, Taiwan

19.05 Electronic and Electric

3C Secondary Lithium Cell/Battery (Except button type) ,
3C Secondary Lithium Portable Power Packs (Power Bank) ,
Battery Cell, Battery Pack

E001 Safety

CNS 15364 (2013) , Excluding Forced Internal Short Circuit (Cell) Test

20 Vdc, 20 A

Approval Signatory: Prince Chiu; CHIU, Fred; CHIU, Jackie; Anthony Hsu; Kevin Chung
Testing Site: 1.No.66, Ln. 169, Sec. 2, Datong Rd., Xizhi Dist., New Taipei City 221, Taiwan (R.O.C.)

P25, total 35 pages

The Appendix forms an integral part of this Certificate, which shall be invalid when use without the Appendix



19.99 Electronic and Electric
Industrial, Scientific and Medical products
E002 EMC
CNS 13803 (2003)
CNS 13803 (2018)

Approval Signatory: LEE, Pike; Josh Lin; CHIU, Andy; Jack Kao; Joe Chang
Testing Site: 1.No. 29, Jintang Road, Tangzhen Industry Park, Pudong New District, Shanghai, China; 2.No.3, JinShaGang 1st Road, ShiXia, Dalang Town, DongGuan, China.; 3.No.18, Ln. 171, Sec. 2, Jiuzong Rd., Neihu Dist., Taipei City, Taiwan; 4.No.68-1, Ln. 169, Sec. 2, Datong Rd., Xizhi Dist., New Taipei City 221, Taiwan; 5.No.68-2, Ln. 169, Sec. 2, Datong Rd., Xizhi Dist., New Taipei City 221, Taiwan; 6.No. 72, Ln. 169, Sec. 2, Datong Rd., Xizhi Dist., New Taipei City 221, Taiwan

20.21 Information Technology and Communication
Information Technology & Communication Equipment
E001 Safety
CNS 14336-1 (2010)
1 ϕ , 250 Vac max, 30 A max, 50 kVA max, 47 Hz to 63 Hz, 400Vdc max, 95A max.

Approval Signatory: Prince Chiu; CHIU, Fred; CHIU, Jackie; Anthony Hsu; Kevin Chung
Testing Site: 1.10F., No. 167, Sec. 2, Datong Rd., Xizhi Dist., New Taipei City 221, Taiwan; 2.No.66, Ln. 169, Sec. 2, Datong Rd., Xizhi Dist., New Taipei City 221, Taiwan (R.O.C.)

20.21 Information Technology and Communication
Mutilmedia Device
E002 EMC
CNS 15936 (2016)

Approval Signatory: LEE, Pike; Josh Lin; CHIU, Andy; Jack Kao; Joe Chang
Testing Site: 1.No. 29, Jintang Road, Tangzhen Industry Park, Pudong New District, Shanghai, China; 2.No.3, JinShaGang 1st Road, ShiXia, Dalang Town, DongGuan, China.; 3.No.18, Ln. 171, Sec. 2, Jiuzong Rd., Neihu Dist., Taipei City, Taiwan; 4.No.68-1, Ln. 169, Sec. 2, Datong Rd., Xizhi Dist., New Taipei City 221, Taiwan; 5.No.68-2, Ln. 169, Sec. 2, Datong Rd., Xizhi Dist., New Taipei City 221, Taiwan; 6.No. 72, Ln. 169, Sec. 2, Datong Rd., Xizhi Dist., New Taipei City 221, Taiwan

20.21 Information Technology and Communication
Information products
E002 EMC
CNS 13438 (2006)

Approval Signatory: LEE, Pike; Josh Lin; CHIU, Andy; Jack Kao; Joe Chang
Testing Site: 1.No. 29, Jintang Road, Tangzhen Industry Park, Pudong New District, Shanghai, China; 2.No.3, JinShaGang 1st Road, ShiXia, Dalang Town, DongGuan, China.; 3.No.18, Ln. 171, Sec. 2, Jiuzong Rd., Neihu Dist., Taipei City, Taiwan; 4.No.68-1, Ln. P26, total 35 pages



169, Sec. 2, Datong Rd., Xizhi Dist., New Taipei City 221, Taiwan; 5.No.68-2, Ln. 169, Sec. 2, Datong Rd., Xizhi Dist., New Taipei City 221, Taiwan; 6.No. 72, Ln. 169, Sec. 2, Datong Rd., Xizhi Dist., New Taipei City 221, Taiwan

Accreditation Program for Communication Equipment Laboratories

▀ 20. 01 Information Technology and Communication

PSTN Telecommunication Terminal Equipment

E004 Telecommunications

CS-03 Part I

CS-03 Part V

TIA-968-B

PSTN Terminal Equipment

Communication interface test for PSTN

Communication interface test for multi-line

Analog handset function

Approval Signatory: CHIU, Andy

Testing Site: 1.No.18, Ln. 171, Sec. 2, Jiuzong Rd., Neihu Dist., Taipei City, Taiwan

▀ 20. 01 Information Technology and Communication

T1/E1 (ISDN) Customer premises Equipment

E004 Telecommunication

CS-03 Part II (1.5M)

CS-03 Part VI (1.5M ISDN)

Basic/Primary rate interface layer 1

Basic/Primary rate interface layer 2

Basic/Primary rate interface layer 3

Approval Signatory: CHIU, Andy

Testing Site: 1.No.18, Ln. 171, Sec. 2, Jiuzong Rd., Neihu Dist., Taipei City, Taiwan

E004 Telecommunication

IS 6100

Basic/Primary rate interface layer 1 Basic/Primary rate interface layer 2 Basic/Primary rate interface layer 3

Approval Signatory: CHIU, Andy

Testing Site: 1.No.18, Ln. 171, Sec. 2, Jiuzong Rd., Neihu Dist., Taipei City, Taiwan

▀ 20. 01 Information Technology and Communication

xDSL Telecommunications Terminal Equipment

E004 Telecommunications

CS-03 Part VIII

TIA-968-B xDSL TE

Approval Signatory: CHIU, Andy

Testing Site: 1.No.18, Ln. 171, Sec. 2, Jiuzong Rd., Neihu Dist., Taipei City, Taiwan

P27, total 35 pages



20. 01 Information Technology and Communication

Public Switched Telephone Network (PSTN)

E004 Telecommunications

PSTN01 (2020)

PSTN Terminal Equipment Communication interface test for PSTN Communication interface test for multi-line Analog handset function

Approval Signatory: CHIU, Andy

Testing Site: 1.No.18, Ln. 171, Sec. 2, Jiuzong Rd., Neihu Dist., Taipei City, Taiwan

20. 01 Information Technology and Communication

Asymmetric digital subscriber loop telecommunication terminal equipment and splitter

E004 Telecommunications

ADSL01 (2020)

VDSL01 (2020)

Approval Signatory: CHIU, Andy

Testing Site: 1.No.18, Ln. 171, Sec. 2, Jiuzong Rd., Neihu Dist., Taipei City, Taiwan

20. 01 Information Technology and Communication

Telecommunication Terminal Equipment

E009 SAR

ACA Radio Communication Standards

Approval Signatory: Jerry Chuang; Scott Hsu; Peter Chen; LIU, Herbort

Testing Site: 1.No.68-1, Ln. 169, Sec. 2, Datong Rd., Xizhi Dist., New Taipei City 221, Taiwan; 2.No.68-2, Ln. 169, Sec. 2, Datong Rd., Xizhi Dist., New Taipei City 221, Taiwan

E009 SAR

MPE (RF exp.)

LPD

NS

IEEE Std 1528-2013

KDB 865664

KDB 447498

RSS-102, Issue 5 (Amendment 1, February 2021)

SAR (measurement) : 650 MHz to 10 GHz

RF exp. (measurement) : 0 to 40 GHz

LPD (measurement) : 750 MHz to 10 GHz

NS (measurement) : 3 kHz to 10 MHz

Approval Signatory: Jerry Chuang; Scott Hsu; Peter Chen; LIU, Herbort

Testing Site: 1.No.68-1, Ln. 169, Sec. 2, Datong Rd., Xizhi Dist., New Taipei City 221, Taiwan; 2.No.68-2, Ln. 169, Sec. 2, Datong Rd., Xizhi Dist., New Taipei City 221, Taiwan



20. 01 Information Technology and Communication

NR Terminal Equipment
E020 Wireless and Radio test
NCC PLMN12 (2020)
NCC PLMN ALL (2020)
3GPP TS 38.124 (section 8.2)
NCC PLMN ALL (only NCC PLMN12)
Excluding SA PWS
Excluding FR2

Approval Signatory: Eric Lee; Jay Kao; Jerry Chuang; Scott Hsu; Peter Chen; William Wei
Testing Site: 1.No.68-1, Ln. 169, Sec. 2, Datong Rd., Xizhi Dist., New Taipei City 221, Taiwan; 2.No.68-2, Ln. 169, Sec. 2, Datong Rd., Xizhi Dist., New Taipei City 221, Taiwan; 3.No. 72, Ln. 169, Sec. 2, Datong Rd., Xizhi Dist., New Taipei City 221, Taiwan

20. 01 Information Technology and Communication

Citizen Wireless Broadband Service
E020 Wireless and Radio test
47 CFR FCC Part 96
KDB 971168
KDB 940660
ANSI/TIA-603-E-2016
TIA-102.CAAA-E-2016
ANSI C63.26-2015
Frequency Range: 9 kHz to 40 GHz

Approval Signatory: Eric Lee; Jerry Chuang; Scott Hsu; Peter Chen
Testing Site: 1.No.66, Ln. 169, Sec. 2, Datong Rd., Xizhi Dist., New Taipei City 221, Taiwan; 2.No.68-1, Ln. 169, Sec. 2, Datong Rd., Xizhi Dist., New Taipei City 221, Taiwan; 3.No.68-2, Ln. 169, Sec. 2, Datong Rd., Xizhi Dist., New Taipei City 221, Taiwan; 4.No. 72, Ln. 169, Sec. 2, Datong Rd., Xizhi Dist., New Taipei City 221, Taiwan

20. 01 Information Technology and Communication

Global System for Mobile Communications (GSM) 900 terminal equipment
E020 Wireless and Radio test
NCC PLMN01 (2012)
NCC PLMN ALL (2020)
Datong Testing Site (Vibration Condition Test Excluded)
NCC PLMN ALL (only for NCC PLMN01)

Approval Signatory: Eric Lee; CHIU, Andy; Jerry Chuang; Scott Hsu; Peter Chen
Testing Site: 1.No.18, Ln. 171, Sec. 2, Jiuzong Rd., Neihu Dist., Taipei City, Taiwan; 2.No.68-1, Ln. 169, Sec. 2, Datong Rd., Xizhi Dist., New Taipei City 221, Taiwan; 3.No.68-2, Ln. 169, Sec. 2, Datong Rd., Xizhi Dist., New Taipei City 221, Taiwan; 4.No. 72, Ln. 169, Sec. 2, Datong Rd., Xizhi Dist., New Taipei City 221, Taiwan



20. 01 Information Technology and Communication

Narrow Band Terminal Equipment

E020 Wireless and Radio test

NCC PLMN11 (2018)

NCC PLMN ALL (2020)

NCC PLMN ALL (only NCC PLMN11)

Approval Signatory: Eric Lee; Jay Kao; Jerry Chuang; Scott Hsu; Peter Chen; William Wei
Testing Site: 1.No.68-1, Ln. 169, Sec. 2, Datong Rd., Xizhi Dist., New Taipei City 221, Taiwan; 2.No.68-2, Ln. 169, Sec. 2, Datong Rd., Xizhi Dist., New Taipei City 221, Taiwan; 3.No. 72, Ln. 169, Sec. 2, Datong Rd., Xizhi Dist., New Taipei City 221, Taiwan

20. 01 Information Technology and Communication

Commercial Mobile Services Equipments

E020 Wireless and Radio test

47 CFR FCC Part 22 (cellular)

47 CFR FCC Part 24

47 CFR FCC Part 25 (below 3 GHz)

47 CFR FCC Part 27

ANSI/TIA-603-E-2016

TIA-102.CAAA-E-2016

ANSI C63.26-2015

KDB 971168

RSS-GEN Issue 5 (Amendment 2, February 2021)

RSS-130 Issue 2 (February 2019)

RSS-132 Issue 3 (January 2013)

RSS-133 Issue 6 (Amendment 1, January 2018)

RSS-139 Issue 3 (July 2015)

RSS-140 Issue 1 (April 2018)

Approval Signatory: Eric Lee; CHIU, Andy; Jay Kao; Jerry Chuang; Scott Hsu; Peter Chen; William Wei

Testing Site: 1.No.18, Ln. 171, Sec. 2, Jiuzong Rd., Neihu Dist., Taipei City, Taiwan; 2.No.66, Ln. 169, Sec. 2, Datong Rd., Xizhi Dist., New Taipei City 221, Taiwan; 3.No.68-1, Ln. 169, Sec. 2, Datong Rd., Xizhi Dist., New Taipei City 221, Taiwan; 4.No.68-2, Ln. 169, Sec. 2, Datong Rd., Xizhi Dist., New Taipei City 221, Taiwan; 5.No. 72, Ln. 169, Sec. 2, Datong Rd., Xizhi Dist., New Taipei City 221, Taiwan

20. 01 Information Technology and Communication

The 3St. Mobile Terminal Equipment Technical Specification

E020 Wireless and Radio test

PLMN08 (2018)

NCC PLMN ALL (2020)

NCC PLMN ALL (only for NCC PLMN08)

Approval Signatory: Eric Lee; CHIU, Andy; Jay Kao; Jerry Chuang; Scott Hsu; Peter Chen; William Wei

Testing Site: 1.No.18, Ln. 171, Sec. 2, Jiuzong Rd., Neihu Dist., Taipei City, Taiwan;
P30, total 35 pages



2.No.68-1, Ln. 169, Sec. 2, Datong Rd., Xizhi Dist., New Taipei City 221, Taiwan;
3.No.68-2, Ln. 169, Sec. 2, Datong Rd., Xizhi Dist., New Taipei City 221, Taiwan; 4.No.
72, Ln. 169, Sec. 2, Datong Rd., Xizhi Dist., New Taipei City 221, Taiwan

20. 01 Information Technology and Communication

Universal Mobile Communications

E020 Wireless and Radio test

47 CFR FCC Part 22 (non-cellular)

47 CFR FCC Part 90 (below 3 GHz)

47 CFR FCC Part 95

47 CFR FCC Part 97 (below 3 GHz)

47 CFR FCC Part 101 (below 3 GHz)

ANSI/TIA-603-E-2016

TIA-102.CAAA-E-2016

ANSI C63.26-2015

RSS-130 Issue 2 (February 2019)

RSS-140 Issue 1 (April 2018)

RSS-192 Issue 4 (May 2020)

RSS-195 Issue 2 (April 2014)

RSS-197 Issue 1 (February 2010)

RSS-199 Issue 3 (December 2016)

RSS-247 Issue 2 (February 2017)

RSS-248 Issue 1 (November 2021)

NCC PLMN10 (2018)

NCC PLMN ALL (2020)

NCC PLMN ALL (only for NCC PLMN10)

Approval Signatory: Eric Lee; Jay Kao; Jerry Chuang; Scott Hsu; Peter Chen; William Wei
Testing Site: 1.No.66, Ln. 169, Sec. 2, Datong Rd., Xizhi Dist., New Taipei City 221,
Taiwan; 2.No.68-1, Ln. 169, Sec. 2, Datong Rd., Xizhi Dist., New Taipei City 221, Taiwan;
3.No.68-2, Ln. 169, Sec. 2, Datong Rd., Xizhi Dist., New Taipei City 221, Taiwan; 4.No.
72, Ln. 169, Sec. 2, Datong Rd., Xizhi Dist., New Taipei City 221, Taiwan

20. 01 Information Technology and Communication

U-NII without DFS Intentional Radiators

E020 Wireless and Radio test (without DFS)

47 CFR FCC Part 15 Subpart E

ANSI C63.10-2013

KDB 789033

RSS-GEN Issue 5 (Amendment 2, February 2021)

RSS-247 Issue 2 (February 2017)

RSS-248 Issue 1 (November 2021)

9 kHz to 40 GHz

Approval Signatory: Eric Lee; CHIU, Andy; Jay Kao; Jerry Chuang; Scott Hsu; Peter
Chen; William Wei

Testing Site: 1.No.18, Ln. 171, Sec. 2, Jiuzong Rd., Neihu Dist., Taipei City, Taiwan;

2.No.66, Ln. 169, Sec. 2, Datong Rd., Xizhi Dist., New Taipei City 221, Taiwan; 3.No.68-

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1, Ln. 169, Sec. 2, Datong Rd., Xizhi Dist., New Taipei City 221, Taiwan; 4.No.68-2, Ln. 169, Sec. 2, Datong Rd., Xizhi Dist., New Taipei City 221, Taiwan; 5.No. 72, Ln. 169, Sec. 2, Datong Rd., Xizhi Dist., New Taipei City 221, Taiwan

20. 01 Information Technology and Communication

Intentional Radiators

E020 Wireless and Radio test

47 CFR FCC Part 15 Subpart C

ANSI C63.10-2013

RSS-GEN, Issue 5 (Amendment 2, February 2021)

RSS-210, Issue 10 (December 2019)

RSS-247, Issue 2 (February 2017)

RSS-248, Issue 1 (November 2021)

9 kHz to 40 GHz

Approval Signatory: Eric Lee; CHIU, Andy; Jay Kao; Jerry Chuang; Scott Hsu; Peter Chen; William Wei

Testing Site: 1.No.18, Ln. 171, Sec. 2, Jiuzong Rd., Neihu Dist., Taipei City, Taiwan; 2.No.66, Ln. 169, Sec. 2, Datong Rd., Xizhi Dist., New Taipei City 221, Taiwan; 3.No.68-1, Ln. 169, Sec. 2, Datong Rd., Xizhi Dist., New Taipei City 221, Taiwan; 4.No.68-2, Ln. 169, Sec. 2, Datong Rd., Xizhi Dist., New Taipei City 221, Taiwan; 5.No. 72, Ln. 169, Sec. 2, Datong Rd., Xizhi Dist., New Taipei City 221, Taiwan

20. 13 Information Technology and Communication

Low power R.F. equipment

E020 Wireless and Radio test

RSS-Gen Issue 5 (Amendment 2, February 2021)

RSS-216 Issue 2 (Amendment 1, September 2020)

Approval Signatory: Eric Lee; CHIU, Andy; Jerry Chuang; Scott Hsu; Peter Chen

Testing Site: 1.No.18, Ln. 171, Sec. 2, Jiuzong Rd., Neihu Dist., Taipei City, Taiwan; 2.No.66, Ln. 169, Sec. 2, Datong Rd., Xizhi Dist., New Taipei City 221, Taiwan; 3.No.68-1, Ln. 169, Sec. 2, Datong Rd., Xizhi Dist., New Taipei City 221, Taiwan; 4.No.68-2, Ln. 169, Sec. 2, Datong Rd., Xizhi Dist., New Taipei City 221, Taiwan; 5.No. 72, Ln. 169, Sec. 2, Datong Rd., Xizhi Dist., New Taipei City 221, Taiwan

20. 13 Information Technology and Communication

U-NII with DFS Intentional Radiators

E020 Wireless and Radio test (DFS)

47 CFR FCC Part 15 Subpart E

FCC KDB Publication 905462 D02 v02 (April 8, 2016)

RSS-GEN Issue 5 (Amendment 2, February 2021)

RSS-247 Issue 2 (February 2017)

RSS-248 Issue 1 (November 2021)

Approval Signatory: Eric Lee; CHIU, Andy; Jay Kao; Jerry Chuang; Scott Hsu; Peter Chen; William Wei

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Testing Site: 1.No.18, Ln. 171, Sec. 2, Jiuzong Rd., Neihu Dist., Taipei City, Taiwan; 2.No.66, Ln. 169, Sec. 2, Datong Rd., Xizhi Dist., New Taipei City 221, Taiwan; 3.No.68-1, Ln. 169, Sec. 2, Datong Rd., Xizhi Dist., New Taipei City 221, Taiwan; 4.No.68-2, Ln. 169, Sec. 2, Datong Rd., Xizhi Dist., New Taipei City 221, Taiwan; 5.No. 72, Ln. 169, Sec. 2, Datong Rd., Xizhi Dist., New Taipei City 221, Taiwan

Accreditation Program for BSMI Mutual Recognition Arrangement with Foreign Authorities

■ 18.02 Commodity

Household electrical appliances, portable tools and similar electrical apparatus

E002 EMC

AS/NZS CISPR 14.1

AS CISPR 14.1

Approval Signatory: LEE, Pike; Josh Lin; CHIU, Andy; Jack Kao; Joe Chang
Testing Site: 1.No.18, Ln. 171, Sec. 2, Jiuzong Rd., Neihu Dist., Taipei City, Taiwan; 2.No.68-1, Ln. 169, Sec. 2, Datong Rd., Xizhi Dist., New Taipei City 221, Taiwan; 3.No.68-2, Ln. 169, Sec. 2, Datong Rd., Xizhi Dist., New Taipei City 221, Taiwan; 4.No. 72, Ln. 169, Sec. 2, Datong Rd., Xizhi Dist., New Taipei City 221, Taiwan

■ 18.04 Commodity

Audio and television broadcast receivers and associated equipment

E002 EMC

AS/NZS CISPR 13

Approval Signatory: LEE, Pike; Josh Lin; CHIU, Andy; Jack Kao; Joe Chang
Testing Site: 1.No.18, Ln. 171, Sec. 2, Jiuzong Rd., Neihu Dist., Taipei City, Taiwan; 2.No.68-1, Ln. 169, Sec. 2, Datong Rd., Xizhi Dist., New Taipei City 221, Taiwan; 3.No.68-2, Ln. 169, Sec. 2, Datong Rd., Xizhi Dist., New Taipei City 221, Taiwan; 4.No. 72, Ln. 169, Sec. 2, Datong Rd., Xizhi Dist., New Taipei City 221, Taiwan

■ 19.99 Electronic and Electric

Industrial, Scientific, and Medical Equipment (Consumer ISM Equipment)

E002 EMC

47 CFR FCC Part 18

FCC MP-5 (February 1986)

Approval Signatory: LEE, Pike; Josh Lin; CHIU, Andy; Jack Kao; Joe Chang
Testing Site: 1.No.18, Ln. 171, Sec. 2, Jiuzong Rd., Neihu Dist., Taipei City, Taiwan; 2.No.68-1, Ln. 169, Sec. 2, Datong Rd., Xizhi Dist., New Taipei City 221, Taiwan; 3.No.68-2, Ln. 169, Sec. 2, Datong Rd., Xizhi Dist., New Taipei City 221, Taiwan; 4.No. 72, Ln. 169, Sec. 2, Datong Rd., Xizhi Dist., New Taipei City 221, Taiwan



20. 21 Information Technology and Communication

Information Technology & Communication

E001 Safety

AS/NZS 60950.1

1 ϕ , 250 Vac max, 30 A max, 50 kVA max, 47 Hz to 63 Hz, 400 Vdc max, 95 A max.

Approval Signatory: CHOU, Steven; Prince Chiu; CHIU, Fred; CHIU, Jackie; Anthony Hsu; Kevin Chung

Testing Site: 1.10F., No. 167, Sec. 2, Datong Rd., Xizhi Dist., New Taipei City 221, Taiwan; 2.No.66, Ln. 169, Sec. 2, Datong Rd., Xizhi Dist., New Taipei City 221, Taiwan (R.O.C.)

20. 21 Information Technology and Communication

Multimedia Device

E002 EMC

AS/NZS CISPR 32

Approval Signatory: LEE, Pike; Josh Lin; CHIU, Andy; Jack Kao; Joe Chang

Testing Site: 1.No.18, Ln. 171, Sec. 2, Jiuzong Rd., Neihu Dist., Taipei City, Taiwan; 2.No.68-1, Ln. 169, Sec. 2, Datong Rd., Xizhi Dist., New Taipei City 221, Taiwan; 3.No.68-2, Ln. 169, Sec. 2, Datong Rd., Xizhi Dist., New Taipei City 221, Taiwan; 4.No. 72, Ln. 169, Sec. 2, Datong Rd., Xizhi Dist., New Taipei City 221, Taiwan

20. 21 Information Technology and Communication

Unintentional Radiators

E002 EMC

47 CFR FCC Part 15 Subpart B

ANSI C63.4-2014

ANSI C63.4a-2017

Approval Signatory: LEE, Pike; Josh Lin; CHIU, Andy; Jack Kao; Joe Chang

Testing Site: 1.No.18, Ln. 171, Sec. 2, Jiuzong Rd., Neihu Dist., Taipei City, Taiwan; 2.No.68-1, Ln. 169, Sec. 2, Datong Rd., Xizhi Dist., New Taipei City 221, Taiwan; 3.No.68-2, Ln. 169, Sec. 2, Datong Rd., Xizhi Dist., New Taipei City 221, Taiwan; 4.No. 72, Ln. 169, Sec. 2, Datong Rd., Xizhi Dist., New Taipei City 221, Taiwan

20. 21 Information Technology and Communication

Information product

E002 EMC

AS/NZS CISPR 22

Approval Signatory: LEE, Pike; Josh Lin; CHIU, Andy; Jack Kao; Joe Chang

Testing Site: 1.No.18, Ln. 171, Sec. 2, Jiuzong Rd., Neihu Dist., Taipei City, Taiwan; 2.No.68-1, Ln. 169, Sec. 2, Datong Rd., Xizhi Dist., New Taipei City 221, Taiwan; 3.No.68-2, Ln. 169, Sec. 2, Datong Rd., Xizhi Dist., New Taipei City 221, Taiwan; 4.No. 72, Ln. 169, Sec. 2, Datong Rd., Xizhi Dist., New Taipei City 221, Taiwan

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The Appendix forms an integral part of this Certificate, which shall be invalid when use without the Appendix



Accreditation Program for Laboratory of U.S. EPA ENERGY STAR

▀ 18.04 Commodity

Audio/Video

E005 Energy Efficiency

ENERGY STAR® Program Requirements Product Specification for Audio/Video

Approval Signatory: CHOU, Steven; Prince Chiu; CHIU, Fred; CHIU, Jackie; Anthony Hsu; Kevin Chung

Testing Site: 1.10F., No. 167, Sec. 2, Datong Rd., Xizhi Dist., New Taipei City 221, Taiwan; 2.No.66, Ln. 169, Sec. 2, Datong Rd., Xizhi Dist., New Taipei City 221, Taiwan (R.O.C.)

(Null below)

