



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

Certificate of Accreditation

(Certificate No : L0371-231207)

This is to certify that

Taiwan Testing and Certification Center EMC Testing Laboratory

No.8, Lane 29, Wenming Rd., Guishan Dist., Taoyuan City 33383, Taiwan, R.O.C.

is accredited in respect of laboratory

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

Accreditation Number : 0371

Originally Accredited : July 15, 1997

Effective Period : March 01, 2022 to October 31, 2024

Accredited Scope : Testing Field, see described in the Appendix
Accreditation Program for Designated Testing Laboratory
for Commodities Inspection

Specific Accreditation Program : Accreditation Program for Communication Equipment
Laboratories
Accreditation Program for BSMI Mutual Recognition
Arrangement with Foreign Authorities



Scan to verify

Yi-Ling Chen

Yi-Ling Chen
President, Taiwan Accreditation Foundation
December 07, 2023

Accreditation Number : 0371

Laboratory Head : LIAO, Paul

■ 15. 03 Medical Devices

Medical Equipment

E002 EMC

BS EN 60601-1-2

EN 60601-1-2

IEC 60601-1-2

1 ϕ , 308 Vac max., 3 ϕ , 525 Vac max.

Excluded ISO 7137 test

Approval Signatory: CHEN, Eric; HUANG, Jerry; LIAO, Paul

■ 17. 04 Metrical Instrument

Instrumentation

E002 EMC

BS EN 61326-1

BS EN 61326-2-6

BS EN 61326-3-1

BS EN 61326-3-2

EN 61326-1,

EN 61326-2-6

EN 61326-3-1,

EN 61326-3-2,

IEC 61326-1,

IEC 61326-2-6,

IEC 61326-3-1

IEC 61326-3-2

Approval Signatory: LIN, Kevin; CHEN, Eric; HUANG, Jerry; LIAO, Paul

■ 17. 89 Metrical Instrument

The communication device of Smart meter to Home Energy Management System.

E002 EMC

Smart meter to home energy management system communication technical specifications.

EMI EMS test Ch 4.1, Ch 4.2

Approval Signatory: HUANG, Jerry; LIAO, Paul; CHENG, James

E021 Interoperability test

Smart meter to home energy management system communication technical specifications

Performance test Ch 5

Approval Signatory: HUANG, Jerry; LIAO, Paul; CHENG, James

Testing Site: 1.BSMI building - No.157, Eggplant road, Shizhi district, New Taipei city



17. 89 Metrical Instrument
Static electricity meters
E002 EMC
CNS 14607

Approval Signatory: HUANG, Jerry; LIAO, Paul; CHENG, James

17. 94 Metrical Instrument
Nonautomatic Weighing Instrument (electronics)
E998 Legal Metrology Instrument Pattern Approval
Nonautomatic Weighing Instrument Type Approval CNPA-76
OIML R76-1
Electrical fast transient/burst immunity test: power line and other control line 4 kV max.
Electrostatic discharge immunity test: Contact and Air discharge ± 30 kV
Electromagnetic field immunity test: 10 V/m
OIML R76-1 (Only Annex B.3)

Approval Signatory: LIN, Kevin; HUANG, Jerry; LIAO, Paul

17. 98 Metrical Instrument
Electronic taximeter
E998 Legal Metrology Instrument Pattern Approval
Taximeter Type Certification CNPA 21,
CNS 12626
Electromagnetic Immunity Test:
Frequency Range: 14 kHz to 1 GHz, AM
Air Discharge Volt.: ± 30 kV
Contact Discharge Volt.: ± 30 kV
Radiated Interference: 30 MHz to 1 GHz, 1 m

Approval Signatory: LIN, Kevin; HUANG, Jerry; LIAO, Paul

18. 01 Commodity
5G Smart Pole System
E002 EMC
5G Smart Pole System Technical Specification - Part 1: General Requirements
5G Smart Pole System Technical Specification - Part 6: Electromagnetic Compatibility (EMC) Requirements.
Pole Height: 2 m, 3 m, 4 m.

Approval Signatory: LIN, Kevin; CHEN, Eric; HUANG, Jerry

18. 01 Commodity
LED Products for Downlights
E002 EMC
GB 17625.1
GB 17743
AC 220 V, 50 Hz

Approval Signatory: CHEN, Eric; HUANG, Jerry; LIAO, Paul



■ 18.01 Commodity
LED Products for Street Lighting & Tunnel Lighting
E002 EMC
GB 17625.1
GB/T 17626.5
GB 17743
AC 220 V, 50 Hz

Approval Signatory: CHEN, Eric; HUANG, Jerry; LIAO, Paul

■ 18.01 Commodity
LED Lighting lamp and bulbs
E002 EMC
CNS 14115

Approval Signatory: LIN, Kevin; CHEN, Eric; HUANG, Jerry; LIAO, Paul

■ 18.01 Commodity
General lighting equipment
E002 EMC
IEC 61547
EN 61547
BS EN 61547

Approval Signatory: LIN, Kevin; CHEN, Eric; HUANG, Jerry; LIAO, Paul

■ 18.01 Commodity
LED Products for Self-ballasted LED Reflector Lamp
E002 EMC
GB 17625.1
GB 17743
AC 220 V, 50 Hz

Approval Signatory: CHEN, Eric; HUANG, Jerry; LIAO, Paul

■ 18.01 Commodity
LED lamps (Self-ballasted)
Fixtures of roadway lighting with LED lamps
E002 EMC
CNS 15630
CNS 15233

Approval Signatory: LIN, Kevin; CHEN, Eric; HUANG, Jerry; LIAO, Paul

■ 18.01 Commodity
LED Products for Non-directional Self-ballasted LED Lamps for General Lighting
Services
E002 EMC
GB 17625.1
GB 17743
AC 220 V, 50 Hz

Approval Signatory: CHEN, Eric; HUANG, Jerry; LIAO, Paul



■ 18.01 Commodity
Electronic lighting & similar equipment
E002 EMC
CISPR 15
EN 55015
BS EN 55015
BS EN IEC 55015
AS/NZS CISPR 15
CNS 14115

Approval Signatory: CHEN, Eric; HUANG, Jerry; LIAO, Paul

■ 18.01 Commodity
Lighting equipment
E002 EMC
IEC 62493
EN 62493
BS EN 62493

Approval Signatory: LIN, Kevin; CHEN, Eric; HUANG, Jerry; LIAO, Paul

■ 18.02 Commodity
Electric portable tools and similar apparatus.
E002 EMC
CISPR 14-1
EN 55014-1
BS EN 55014-1
CNS 13783-1
GB 4343.1
Location Zhongli district, Taoyuan city, is only perform CNS 13783-1 test and excluded radiated emissions.
Test site: 1. No.8, Lane 29, Wenming Rd., Guishan Dist., Taoyuan City 33383, Taiwan.
R.O.C.; 2. No.2-1, Nanyuan road, Zhongli district, Taoyuan city.

Approval Signatory: CHEN, Eric; HUANG, Jerry; LIAO, Paul

■ 18.02 Commodity
Household and Similar Equipment
E002 EMC
CNS 60335-1
EN 60335-1
IEC 60335-1
Only EMC

Approval Signatory: CHEN, Eric; HUANG, Jerry; LIAO, Paul

■ 18.02 Commodity
Household appliances,
electric tools and similar apparatus
E002 EMC
CISPR 14-1
EN 55014-1
CNS 13783-1
AS/NZS CISPR14.1
GB 4343.1
CNS 60335-1 (Only Section 19.11.4.1- 19.11.4.7)
P5, total 29 pages

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



EN 60335-1 (Only Section 19.11.4.1- 19.11.4.7)
IEC 60335-1 (Only Section 19.11.4.1- 19.11.4.7)
Location Zhongli district, Taoyuan city, is only perform CNS 13783-1 test and exculded radiated emissions.

Test site: 1. No.8, Lane 29, Wenming Rd., Guishan Dist., Taoyuan City 33383, Taiwan.
R.O.C.; 2. No.2-1, Nanyuan road, Zhongli disrict, Taoyuan city.

Approval Signatory: CHEN, Eric; HUANG, Jerry; LIAO, Paul

E002 EMC
CISPR 14-2
EN 55014-2
CNS 13783-2
BS EN 55014-2

Approval Signatory: CHEN, Eric; HUANG, Jerry; LIAO, Paul

18.04 Commodity
Video/Audio equipment
E002 EMC
CISPR 13
EN 55013
BS EN 55013
CNS 13439
AS/NZS CISPR 13
GB 13837

Approval Signatory: CHEN, Eric; HUANG, Jerry; LIAO, Paul

19.01 Electronic and Electric
Adjustable speed electrical power drive system
E002 EMC
EN 61800-3
EN IEC 61800-3
BS EN 61800-3
BS EN IEC 61800-3
IEC 61800-3
DC: 30 kVA, 400 Vdc (max.)
AC: 1 ϕ 16 kVA, 300 Vac (max.) ;
3 ϕ 45 kVA, 520 Vac (max.)

Approval Signatory: CHEN, Eric; HUANG, Jerry; LIAO, Paul

19.06 Electronic and Electric
Uninterrupt Power System (UPS)
E002 EMC
EN 62040-2
EN IEC 62040-2
BS EN IEC 62040-2
IEC 62040-2
CNS 14757-2
AS/NZS 62040.2

Approval Signatory: CHEN, Eric; HUANG, Jerry; LIAO, Paul

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



19.06 Electronic and Electric
Adjustable speed electrical power drive systems
E002 EMC
EN 61800-5-2,
IEC 61800-5-2,
BS EN 61800-5-2

Approval Signatory: LIN, Kevin; CHEN, Eric; HUANG, Jerry

19.10 Electronic and Electric
Road traffic signal systems
E002 EMC
EN 50293
BS EN 50293

Approval Signatory: CHEN, Eric; HUANG, Jerry; LIAO, Paul

19.99 Electronic and Electric
Industrial, scientific and medical equipments
E002 EMC
CISPR 11
EN 55011
BS EN 55011
CNS 13803
AS/NZS CISPR 11
47 CFR FCC Part 18
FCC MP-5

Approval Signatory: CHEN, Eric; HUANG, Jerry; LIAO, Paul

19.99 Electronic and Electric
Industrial safety system
E002 EMC
EN 61000-6-7
BS EN 61000-6-7
IEC 61000-6-7

Approval Signatory: LIN, Kevin; HUANG, Jerry; LIAO, Paul

19.99 Electronic and Electric
Product family standard for lifts, escalators and moving walk
E002 EMC
EN 12015,
EN 12016
BS EN 12015
BS EN 12016

Approval Signatory: CHEN, Eric; HUANG, Jerry; LIAO, Paul

19.99 Electronic and Electric
Residential, commercial and light –industrial environments
E002 EMC
CNS 14674-1
P7, total 29 pages



CNS 14674-2
CNS 14674-3
CNS 14674-4
EMI: 160 kVA, EMS: 160 A

Approval Signatory: CHEN, Eric; HUANG, Jerry; LIAO, Paul

19.99 Electronic and Electric
Damped Oscillatory Wave Immunity Test
E002 EMC
EN 61000-4-18
EN IEC 61000-4-18
BS EN 61000-4-18
BS EN IEC 61000-4-18
IEC 61000-4-18
Damped Oscillatory Wave 4 kV (100 kHz, 1 MHz)

Approval Signatory: LIN, Kevin; CHEN, Eric; HUANG, Jerry; LIAO, Paul

19.99 Electronic and Electric
Military products
E002 EMC
MIL-STD-461-E
MIL-STD-461-F
MIL-STD-461-G
CE 101: 30 Hz to 10 kHz
CE 102: 10 kHz ~ 10 MHz
CS 114: 10 kHz ~ 200 MHz (BCI)
RE 101: 30 Hz ~ 100 kHz
RE 102: 10 kHz ~ 18 GHz
RS 103: 20 MHz ~ 100 MHz, 30 V/m
100 MHz ~ 1 GHz, 200 V/m
1 GHz ~ 3 GHz, 100 V/m
CS115: Bulk Cable Injection, Impulse Excitation
CS116: 100 kHz, 1 MHz
RS101: 30 Hz to 100 kHz
CS101: 30 Hz ~ 150 kHz
CS109: 60 Hz ~ 100 kHz
CS118: Contact \pm 8 kV, Air \pm 15 kV,

Approval Signatory: CHEN, Eric; HUANG, Jerry; LIAO, Paul; LIU, Chris

19.99 Electronic and Electric
For power station and substation on environments
E002 EMC
IEC TS 61000-6-5

Approval Signatory: CHEN, Eric; HUANG, Jerry; LIAO, Paul

19.99 Electronic and Electric
Electronic and electrical products
E002 EMC
EN 61000-6-1
EN 61000-6-3
P8, total 29 pages



EN IEC 61000-6-1
IEC 61000-6-1
IEC 61000-6-3
BS EN 61000-6-1
BS EN 61000-6-3
BS EN IEC 61000-6-1
AS/NZS 61000.6.1
AS/NZS 61000.6.3
CNS 14674-1
CNS 14674-3

Approval Signatory: CHEN, Eric; HUANG, Jerry; LIAO, Paul

19. 99 Electronic and Electric
Electronic and electrical
products
E002 EMC
ENV 50204
PM: 895 MHz to 905 MHz
E=20 V/m

Approval Signatory: CHEN, Eric; HUANG, Jerry; LIAO, Paul

E002 EMC
GB 17625.1
IEC 61000-3-2
EN 61000-3-2
EN IEC 61000-3-2
BS EN 61000-3-2
BS EN IEC 61000-3-2
CNS 14934-2
1 ϕ , 270 Vac, 16 A max.,
3 ϕ , 540 Vac, 16 A max.

Approval Signatory: CHEN, Eric; HUANG, Jerry; LIAO, Paul

E002 EMC
IEC 61000-3-3
EN 61000-3-3
BS EN 61000-3-3
CNS 14934-3
1 ϕ , 270 Vac, 16 A max.,
3 ϕ , 540 Vac, 16 A max.

Approval Signatory: CHEN, Eric; HUANG, Jerry; LIAO, Paul

E002 EMC
IEC 61000-4-11
EN 61000-4-11
EN IEC 61000-4-11
BS EN 61000-4-11
BS EN IEC 61000-4-11
GB/T 17626.11
Voltage breaking: 100 %
P9, total 29 pages

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



Voltage Drop: (0 to 100) %
Voltage Ramping: Standard ramp waveform

Approval Signatory: CHEN, Eric; HUANG, Jerry; LIAO, Paul

E002 EMC
IEC 61000-4-12
EN 61000-4-12
BS EN 61000-4-12
BS EN IEC 61000-4-12
GB/T 17626.12
1 ϕ /3 ϕ , 600 Vac, 50 A max.
Test Equipment engery:
Ringwave: 0.5 μ s/100 kHz, 6 kVmax.

Approval Signatory: CHEN, Eric; HUANG, Jerry; LIAO, Paul

E002 EMC (ESD)
IEC 61000-4-2
EN 61000-4-2
BS EN 61000-4-2
GB/T 17626.2
CNS 14676-2
CNS 15424-1
CNS 15424-2
CNS 14857-2
Contact Discharge Volt.: ± 15 kV
Air Discharge Volt.: ± 30 kV
CNS 15424-1 (ESD only)
CNS 15424-2 (ESD only)
CNS 14857-2 (ESD only)

Approval Signatory: CHEN, Eric; HUANG, Jerry; LIAO, Paul

E002 EMC (RS)
IEC 61000-4-3
EN 61000-4-3
EN IEC 61000-4-3
BS EN 61000-4-3
BS EN IEC 61000-4-3
GB/T 17626.3
CNS 14676-3
26 MHz to 2.7 GHz, AM,
Field Strength 20 V/m,
2.7 GHz to 6 GHz, AM,
Field Strength 3 V/m

Approval Signatory: CHEN, Eric; HUANG, Jerry; LIAO, Paul

E002 EMC (EFT/Burst)
IEC 61000-4-4
EN 61000-4-4
BS EN 61000-4-4
GB/T 17626.4
P10, total 29 pages



CNS 14676-4

1 ϕ /3 ϕ , 690 Vac, 100 A max.,

600 Vdc, 100 A max.,

Test Equipment Power: (0 to 4) kV

Approval Signatory: CHEN, Eric; HUANG, Jerry; LIAO, Paul

E002 EMC (Surge)

IEC 61000-4-5

EN 61000-4-5

BS EN 61000-4-5

GB/T 17626.5

CNS 14676-5

1 ϕ /3 ϕ , 690 Vac, 100 A max.,

600 Vdc, 100 A max., max. output of EUT: 15 kV

Test Equipment Engery: (0 to 15) kV

Approval Signatory: CHEN, Eric; HUANG, Jerry; LIAO, Paul

E002 EMC (CS)

IEC 61000-4-6

EN 61000-4-6

BS EN 61000-4-6

GB/T 17626.6

CNS 14676-6

AM: 50 kHz to 230 MHz, 10 VAM, Voltage 10 V

Approval Signatory: CHEN, Eric; HUANG, Jerry; LIAO, Paul

E002 EMC (PMF)

IEC 61000-4-8

EN 61000-4-8

BS EN 61000-4-8

GB/T 17626.8

CNS 14676-8

Continuous Field: 1 A/m to 300 A/m

Short Duration Field: 1000 A/m

Approval Signatory: CHEN, Eric; HUANG, Jerry; LIAO, Paul

19. 99 Electronic and Electric

Electronic and electrical products (including Drones)

E002 EMC

EN 61000-6-2

EN 61000-6-4

EN IEC 61000-6-2

EN IEC 61000-6-4

BS EN 61000-6-2

BS EN 61000-6-4

BS EN IEC 61000-6-2

BS EN IEC 61000-6-4

IEC 61000-6-2

IEC 61000-6-4

AS/NZS 61000.6.2

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



AS/NZS 61000.6.4
CNS 14674-2
CNS 14674-4

Approval Signatory: CHEN, Eric; HUANG, Jerry; LIAO, Paul

19.99 Electronic and Electric

Electric and electronic products

E002 EMC

IEC 61000-4-13

EN 61000-4-13

BS EN 61000-4-13

Power range

230 Vac, 187 A max., 50 Hz/60 Hz (1 ϕ)

480 Vac, 55 A max./Phase, 50 Hz/60 Hz (3 ϕ)

(Harmonics)

Harmonic range: 2 to 40 (step)

(Interharmonics)

Frequency range: 16 Hz to 2400 Hz

Approval Signatory: CHEN, Eric; HUANG, Jerry; LIAO, Paul

19.99 Electronic and Electric

Electromagnetic field measurement in Environment

E002 EMF (Electromagnetic Field measurement)

IEC 62597

EN 50500

BS EN 50500

IEEE Std. 644

EPA-Public Notice No. 092002446

IEC 62597 (10 Hz to 400 kHz)

EN 50500 (2 Hz to 400 kHz)

IEEE Std. 644 (50 Hz & 60 Hz)

EPA-Public Notice No. 092002446 (50 Hz & 60 Hz)

Electric Field E (V/m) : (0.01 to 100) V/m frequency: 100 kHz to 8 GHz

Magnetic Field-H (A/m) : (0.0001 to 265.3) A/m

Magnetic Field-H (T) : 0.5 μ T to 150 μ T

frequency: 2 Hz to 400 kHz (Include On-Site Test)

Approval Signatory: LIN, Kevin; HUANG, Jerry; LIAO, Paul

20.01 Information Technology and Communication

Short-range devices (SRD) operating on frequencies between 9 kHz to 40 GHz

E002 EMC

ETSI EN 301 489-1

ETSI EN 301 489-2

ETSI EN 301 489-3

ETSI EN 301 489-4

ETSI EN 301 489-5

ETSI EN 301 489-9

ETSI EN 301 489-10

ETSI EN 301 489-17

ETSI EN 301 489-20

Approval Signatory: CHEN, Eric; HUANG, Jerry; LIAO, Paul; CHENG, James

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



20. 01 Information Technology and Communication
Wireless PABX and cordless phone for DECT
E002 EMC
ETSI EN 301 489-6
Frequency 1800 MHz to 1900 MHz DECT Equipment

Approval Signatory: CHEN, Eric; HUANG, Jerry; LIAO, Paul; CHENG, James

20. 01 Information Technology and Communication
Mobile/base station for GSM
E002 EMC
ETSI EN 301 489-7
ETSI EN 301 489-8

Approval Signatory: CHEN, Eric; HUANG, Jerry; LIAO, Paul; CHENG, James

20. 01 Information Technology and Communication
Global Positioning System
E002 EMC
ETSI EN301 489-19

Approval Signatory: CHEN, Eric; HUANG, Jerry; LIAO, Paul

20. 01 Information Technology and Communication
Mobile/Base Station
E002 EMC
ETSI EN 301 489-23
ETSI EN 301 489-24
ETSI EN 301 489-25
ETSI EN 301 489-26

Approval Signatory: CHEN, Eric; HUANG, Jerry; LIAO, Paul; CHENG, James

20. 01 Information Technology and Communication
Wireless Power Transfer Devices
E002 EMC
RSS-216

Approval Signatory: LIN, Kevin; HUANG, Jerry; LIAO, Paul; CHENG, James

20. 01 Information Technology and Communication
Communication networks and systems for power utility automation
E002 EMC
EN 61850-3
BS EN 61850-3
IEC 61850-3

Approval Signatory: CHEN, Eric; HUANG, Jerry; LIAO, Paul



20. 01 Information Technology and Communication
Telecommunication Terminal Equipment and Module
E002 EMC
ETSI EN 301 489-52

Approval Signatory: CHEN, Eric; HUANG, Jerry; LIAO, Paul; CHENG, James

20. 01 Information Technology and Communication
Wireless and Radio device
E009 Maximum Permissible Exposure (MPE)
FCC KDB Publication 447498 D01 v06
RSS-102
Evaluation, 50 MHz - 40 GHz
RF exp (measurement) : ≤ 40 GHz

Approval Signatory: HUANG, Jerry; LIAO, Paul; CHENG, James

20. 01 Information Technology and Communication
FIX MICROWAVE SERVICES
E020 Wireless and Radio frequency test
IS 2031-0

Approval Signatory: LIAO, Paul; CHENG, James

20. 01 Information Technology and Communication
Terminal equipment for low-tier personal communication system
E020 Wireless and Radio test
NCC RTTE01
Freq: 2400-2483.5 MHz (excluding test on PSTN interface)

Approval Signatory: HUANG, Jerry; LIAO, Paul; CHENG, James

20. 13 Information Technology and Communication
Telecommunication network equipment
E002 EMC
EN 300 386

Approval Signatory: CHEN, Eric; HUANG, Jerry; LIAO, Paul

20. 13 Information Technology and Communication
Low power R.F. Receiver / Transmitter products.
E020 Wireless and Radio test
NCC LP0002
ETSI EN 300 220-1
ETSI EN 300 220-2
ETSI EN 300 220-4
ETSI EN 300 330
ETSI EN 300 440
ETSI EN 301 357
AS/NZS 4268
AS/NZS 4771
ANSI C63.10
9 kHz - 325 GHz

Approval Signatory: HUANG, Jerry; LIAO, Paul; CHENG, James

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



■ 20.13 Information Technology and Communication
U-NII without DFS Intentional Radiators
E020 RF Test (non DFS)
47 CFR FCC Part 15 Subpart E
ANSI C63.10
FCC KDB Publication 789033 D02 v02r01
RSS-Gen
RSS-247

Approval Signatory: HUANG, Jerry; LIAO, Paul; CHENG, James

■ 20.13 Information Technology and Communication
U-NII with DFS Intentional Radiators
E020 DFS Test
47 CFR FCC Part 15 Subpart E
FCC KDB Publication 905462 D02 U-NII DFS Compliance Procedures New Rules v02
RSS-Gen
RSS-247

Approval Signatory: HUANG, Jerry; LIAO, Paul; CHENG, James

■ 20.13 Information Technology and Communication
Intentional Radiators
E020 RF Test
47 CFR FCC Part 15 Subpart C
ANSI C63.10
RSS-Gen
RSS-210
9 kHz to 110 GHz

Approval Signatory: HUANG, Jerry; LIAO, Paul; CHENG, James

■ 20.21 Information Technology and Communication
Multi-Media Equipment (including Drones)
E002 EMC
CISPR 32
EN 55032
BS EN 55032
AS/NZS CISPR 32
CNS 15936
J55032
(including Geographical Information Confirmation)

Approval Signatory: CHEN, Eric; HUANG, Jerry; LIAO, Paul

■ 20.21 Information Technology and Communication
Multimedia equipment (including Drones)
E002 EMC
CISPR 35
EN 55035
BS EN 55035
CNS 16197
Excluding Broadband Impulse Noise

Approval Signatory: LIN, Kevin; CHEN, Eric; HUANG, Jerry; LIAO, Paul

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



20. 21 Information Technology and Communication

Unintentional Radiators

E002 EMC

CISPR 22

EN 55022

BS EN 55022

CNS 13438

AS/NZS CISPR 22

GB 9254

47 CFR FCC Part 15 Subpart B

ANSI C63.4

ICES-003

NSA: 30 MHz to 1 GHz

Site VSWR: 1 GHz to 18 GHz

Approval Signatory: LIN, Kevin; CHEN, Eric; HUANG, Jerry; LIAO, Paul

20. 21 Information Technology and Communication

Information Technology Equipment (For Japan)

E002 EMC

JEITA IT-3001A

Approval Signatory: CHEN, Eric; HUANG, Jerry; LIAO, Paul

20. 21 Information Technology and Communication

ITE and peripherals

E002 EMC

EN 55024

BS EN 55024

CISPR 24

Approval Signatory: CHEN, Eric; HUANG, Jerry; LIAO, Paul

22. 04 Transportation Equipment

Harness Excitation Method

E002 EMC

ISO 11452-4

10 kHz -400 MHz 400 mA

400 MHz-1 GHz 100 mA

Approval Signatory: LIN, Kevin; HUANG, Jerry; LIAO, Paul; LIU, Chris

22. 04 Transportation Equipment

Components of board vehicles

E002 EMC

CISPR 25

CNS 14500

ECE R10

SAE J1113-41

EN 50498

BS EN 50498

2004/104/EC

72/245/EEC

97/24/EC

P16, total 29 pages



Radiation Interference Test: 150 kHz to 2.5 GHz
Conduction Interference Test: 150 kHz to 108 MHz
Harmonics Current on AC Line: IEC 61000-3-12 method excluded
Voltage Fluctuation & Flicker on AC Line: IEC 61000-3-11 method excluded
97/24/EC (Only Ch. 8)

Approval Signatory: LIN, Kevin; HUANG, Jerry; LIAO, Paul; LIU, Chris

E002 EMC (ESD Test)

ISO 10605

CNS 14499

SAE 551-15

SAE J1113-13

JASO D010

ISO 12097-3

JASO D001

Contact Discharge Voltage: 2 kV to 30 kV

Air Discharge Voltage: 2 kV to 30 kV

Discharge module:

330 Pf/2000 Ω

150 Pf/2000 Ω

150 Pf/330 Ω

330 Pf/330 Ω

Discharge method:

Air discharge, contact discharge

Approval Signatory: LIN, Kevin; HUANG, Jerry; LIAO, Paul; LIU, Chris

E002 EMC (Radiated Electromagnetic
Energy Immunity Test - ALSE Method)

ISO 11452-2

SAE J1113-21

JASO D011

Measurement Range:

80 MHz $\leq f < 200$ MHz, Field Strength 100 V/m (max.)

200 MHz $\leq f \leq 1$ GHz; Field Strength 150 V/m (max.)

1 GHz $< f \leq 2$ GHz, Field Strength 60 V/m (max.)

SAE J1113-21 (2013) Exclude section 8 Test performed without a ground plane

Approval Signatory: LIN, Kevin; HUANG, Jerry; LIAO, Paul; LIU, Chris

E002 EMC (Radiated Electromagnetic
Energy Immunity Test - TEM Cell Method)

ISO 11452-3

SAE J1113-24

JASO D011

0.1 MHz to 200 MHz, Field Strength 200 V/m (max.)

Approval Signatory: LIN, Kevin; HUANG, Jerry; LIAO, Paul; LIU, Chris

E002 EMC (Radiated Electromagnetic
Energy Immunity Test - BCI Test Method)

ISO 11452-4

SAE J1113-4

JASO D011

P17, total 29 pages

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



Measurement Range:

10 kHz to 1 GHz, Injection Current 100 mA (max.)

ISO 11452-4: 100 kHz to 400 MHz, 100 mA (max.)

Approval Signatory: LIN, Kevin; HUANG, Jerry; LIAO, Paul; LIU, Chris

E002 EMC (Radiated Electromagnetic
Energy Immunity Test - Stripline Method)

ISO 11452-5

SAE J1113-23

JASO D011

ISO 11452-5: 0.1 MHz to 500 MHz, Field Strength 200 V/m (max.)

500 MHz to 1 GHz, Field Strength 100 V/m

Approval Signatory: HUANG, Jerry; LIAO, Paul; LIU, Chris

E002 EMC (Electrical Transient Immunity Test)

ISO 7637-1

ISO 7637-2

ISO 7637-3

CNS 14498-1

CNS 14498-2

CNS 14498-3

SAE J1113-11

SAE J1113-12

JASO D007

EN 50498

BS EN 50498

Transients on Supply Lines

Pulse 1

12 Vdc System Power Source (30 A) , Us: (-75 to -100) V

24V Vdc System Power Source (30 A) , Us: (-450 to -600) V

Pulse 2a

12/24 Vdc System Power Source (30 A) ,

Us: (+37 to +112) V

Pulse 2b

12 Vdc System Power Source (30 A) , Us: 10 V

24 Vdc System Power Source (30 A) , Us: 20 V

Pulse 3a

12 Vdc System Power Source (30 A) , Us: (-112 to -220) V

24 Vdc System Power Source (30 A) , Us: (-150 to -300) V

Pulse 3b

12 Vdc System Power Source (30 A) , Us: (+75 to +150) V

24 Vdc System Power Source (30 A) , Us: (+150 to +300) V

Pulse 4

12 Vdc System Power Source (30 A) , Us: (-6 to -7) V

24 Vdc System Power Source (30 A) , Us: (-12 to -16) V

Pulse 5a

12 Vdc System Power Source (30 A) , Us: (+65 V to +87) V

24 Vdc System Power Source (30 A) , Us: (+123 to +174) V

Transient on Non-Lines Supply Lines

Pulse a

12 Vdc System Power Source (30 A) , Us: (-10 to -60) V

24 Vdc System Power Source (30 A) , Us: (-14 to -80) V

Pulse b

12 Vdc System Power Source (30 A) , Us: (+10 to +40) V

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



24 Vdc System Power Source (30 A) , Us: (+14 to +80) V
SAE J1113-11Excluding CIC (Capacitive /Inductive coupling)

Approval Signatory: LIN, Kevin; HUANG, Jerry; LIAO, Paul; LIU, Chris

■ 22. 05 Transportation Equipment
Electric Vehicle Conductive Charging System
E002 EMC
CNS 15511-21-2
CNS 15511-3
IEC 61851-21-1
IEC 61851-21-2

Approval Signatory: LIN, Kevin; HUANG, Jerry; LIAO, Paul; LIU, Chris

E002 EMC
(Electromagnetic environmental test)
CNS 15511-3

Approval Signatory: LIN, Kevin; LIANG, C. K.; HUANG, Jerry; LIAO, Paul

■ 22. 05 Transportation Equipment
Electric Motorcycle Conductive Charging System
E002 EMC
CNS 15425-2

Approval Signatory: LIN, Kevin; LIANG, C. K.; HUANG, Jerry; LIAO, Paul

■ 22. 05 Transportation Equipment
Stationary a.c. and d.c. conductive power supply systems for electric motorcycle- General requirement
E002 EMC
CNS 16125
Only EMC test

Approval Signatory: LIN, Kevin; HUANG, Jerry; LIAO, Paul; LIU, Chris

■ 22. 05 Transportation Equipment
Stationary a.c. and d.c. conductive power supply systems for electric motorcycle- Battery swapping system
E002 EMC
CNS 16126
Only EMC test

Approval Signatory: LIN, Kevin; HUANG, Jerry; LIAO, Paul; LIU, Chris

■ 22. 05 Transportation Equipment
Electric motorcycles – Performance test methods
E002 EMC
CNS 15819-7

Approval Signatory: LIN, Kevin; HUANG, Jerry; LIAO, Paul; LIU, Chris



22. 06 Transportation Equipment

Electronic equipment used on rolling stock (inculded communication device/system)

E002 EMC

IEC 60571

IEC 62236-1

IEC 62236-2

IEC 62236-3-2

IEC 62236-4

IEC 62236-5

EN 50155

EN 50121-1

EN 50121-2

EN 50121-3-2

EN 50121-4

EN 50121-5

BS EN 50155

BS EN 50121-1

BS EN 50121-2

BS EN 50121-3-2

BS EN 50121-4

BS EN 50121-5

Measurement Range Limited:

PFMF Immunity Tests - IEC 61000-4-8,

300 A/m @ 0 Hz dc system excluded.

Damped Osc. Wave Immunity Tests - IEC 61000-4-12

@ 1 MHz Osc. Frequency excluded.

DC: 30 kVA, 400 Vdc (max.)

AC: 1 ϕ 16 kVA, 300 Vac (max.) ; 3 ϕ 45 kVA, 520 Vac (max.)

(Include On-Site Test)

Approval Signatory: CHEN, Eric; HUANG, Jerry; LIAO, Paul

22. 06 Transportation Equipment

Railway application

E002 EMC

IEC 62236-3-1

EN 50121-3-1

EN 50121-5

BS EN 50121-3-1

BS EN 50121-5

(Include On-Site Test)

Approval Signatory: CHEN, Eric; HUANG, Jerry; LIAO, Paul

22. 07 Transportation Equipment

Electrical and electronic installations in shipsMaritime (Inculded maritime Navigation and radiocommunication equipment and systems)

E002 EMC

EN 60945

BS EN 60945

IEC 60945

EN 60533

BS EN 60533

IEC 60533

Radiated emission: 30 MHz to 2 GHz

DC: 30 kVA, 400 Vdc (max.)

P20, total 29 pages



AC: 1 ϕ 16 kVA, 300 Vac (max.) ;
3 ϕ 45 kVA, 520 Vac (max.)

Approval Signatory: CHEN, Eric; HUANG, Jerry; LIAO, Paul

■ 22. 99 Transportation Equipment
Aviation Airborne Equipment
E002 EMC
RTCA DO 160 E
RTCA DO 160 F
RTCA DO 160 G
Section 15 Magnetic effect
Section 20 & 21 RF emission & susceptibility
CS: 100 k-400 MHz
RS: 20 MHz ~ 100 MHz, 30 V/m
100 MHz ~ 1 GHz, 200 V/m
1 GHz ~ 3 GHz, 100 V/m
Excluding RVC Method
Section 25 ESD: ± 15 kV

Approval Signatory: LIN, Kevin; CHEN, Eric; HUANG, Jerry; LIAO, Paul

■ 22. 99 Transportation Equipment
Electronic and Electric equipments
E002 EMC
ICAO
IEC 60945
ICAO Only Packing Instruction 953;
IEC 60945 Only Ch11.2

Approval Signatory: HUANG, Jerry; LIAO, Paul; LIU, Chris

■ 24. 05 Amusement and Training Equipment
Electrically power assisted cycles
E002 EMC
EN 15194

Approval Signatory: LIN, Kevin; CHEN, Eric; HUANG, Jerry

Accreditation Program for Designated Testing Laboratory for Commodities Inspection

■ 17. 89 Metrical Instrument
The communication device of Smart meter to Home Energy Management System.
E002 EMC
Smart meter to home energy management system communication technical specifications.
(2017)
(Ch 4.1, Ch 4.2) EMI EMS and performance test.

Approval Signatory: HUANG, Jerry; LIAO, Paul; CHENG, James

E021 Interoperability test
Smart meter to home energy management system communication technical specifications.
(2017)
P21, total 29 pages

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



(Ch 5) Performance test

Approval Signatory: HUANG, Jerry; LIAO, Paul; CHENG, James

Testing Site: 1.BSMI building - No.157, Eggplant road, Shizhi district, New Taipei city

■ 18.01 Commodity

5G Smart Pole System

E002 EMC

5G Smart Pole System Technical Specification - Part 1: General Requirements

5G Smart Pole System Technical Specification - Part 6: Electromagnetic Compatibility (EMC) Requirements.

Pole Height: 2 m, 3 m, 4 m.

Approval Signatory: LIN, Kevin; CHEN, Eric; HUANG, Jerry

■ 18.01 Commodity

LED lighting lamp and bulbs

E002 EMC

CNS 14115 (2009)

CNS 14115 (2016)

Approval Signatory: LIN, Kevin; CHEN, Eric; HUANG, Jerry; LIAO, Paul

■ 18.01 Commodity

Stabilizer built-in LED light bulb

E002 EMC

CNS 15630 (2012)

CNS 15630 (2019)

Approval Signatory: LIN, Kevin; CHEN, Eric; HUANG, Jerry; LIAO, Paul

■ 18.01 Commodity

Electrical lighting and similar equipment

E002 EMC

CNS 14115 (2004)

CNS 14115 (2016)

Conduction interference: 9 kHz to 30 MHz

Radiation interference: 9 kHz to 30 MHz,

2 m Loop Antenna

Insertion Loss: 150 kHz to 1.605 MHz

Approval Signatory: CHEN, Eric; HUANG, Jerry; LIAO, Paul

■ 18.02 Commodity

Electric portable tools and similar apparatus

E002 EMC

CNS 13783-1 (2004)

CNS 13783-1 (2013)

location Zhongli district, Taoyuan city: excluded radiated emissions.

Approval Signatory: CHEN, Eric; HUANG, Jerry; LIAO, Paul

Testing Site: 1.No.8, Lane 29, Wenming Rd., Guishan Dist., Taoyuan City 33383, Taiwan, R.O.C.; 2.No.2-1, Nanyuan road, Zhongli district, Taoyuan city.

P22, total 29 pages

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



18.02 Commodity

Household appliances, electrical tools and similar apparatus

E002 EMC

CNS 13783-1 (2004)

CNS 13783-1 (2013)

location Zhongli district, Taoyuan city. excluded radiated emissions test

Approval Signatory: CHEN, Eric; HUANG, Jerry; LIAO, Paul

Testing Site: 1.No.8, Lane 29, Wenming Rd., Guishan Dist., Taoyuan City 33383, Taiwan, R.O.C.; 2.No.2-1, Nanyuan road, Zhongli district, Taoyuan city.

18.04 Commodity

Video/ Audio equipment

E002 EMC

CNS 13439 (2004)

Approval Signatory: CHEN, Eric; HUANG, Jerry; LIAO, Paul

19.06 Electronic and Electric

Uninterrupt Power System (UPS)

E002 EMC

CNS 14757-2 (2010)

CNS 14757-2 (2019)

Approval Signatory: CHEN, Eric; HUANG, Jerry; LIAO, Paul

19.99 Electronic and Electric

Industrial, scientific and medical equipment

E002 EMC

CNS 13803 (2003)

CNS 13803 (2018)

Approval Signatory: CHEN, Eric; HUANG, Jerry; LIAO, Paul

19.99 Electronic and Electric

Residential, commercial and light –industrial environments

E002 EMC

CNS 14674-1 (2006)

CNS 14674-2 (2006)

CNS 14674-3 (2006)

CNS 14674-4 (2016)

EMI: 160 kVA, EMS: 160 A

Approval Signatory: CHEN, Eric; HUANG, Jerry; LIAO, Paul

19.99 Electronic and Electric

Electronic and Electric

E002 EMC

CNS 15424-1 (2015)

CNS 15424-2 (2015)

CNS 14857-2 (2013)

ESD Only

Approval Signatory: LIN, Kevin; HUANG, Jerry; LIAO, Paul



19. 99 Electronic and Electric
Electronic and electrical products (including Drones)
E002 EMC
CNS 14674-2

Approval Signatory: CHEN, Eric; HUANG, Jerry; LIAO, Paul

20. 21 Information Technology and Communication
Multi-Media Equipment
E002 EMC
CNS 15936 (2016)

Approval Signatory: CHEN, Eric; HUANG, Jerry; LIAO, Paul

20. 21 Information Technology and Communication
Multi-Media Equipment (including Drones)
E002 EMC
CNS 15936
(including Geographical Information Confirmation)

Approval Signatory: CHEN, Eric; HUANG, Jerry; LIAO, Paul

20. 21 Information Technology and Communication
Multimedia equipment (including Drones)
E002 EMC
CNS 16197

Approval Signatory: LIN, Kevin; CHEN, Eric; HUANG, Jerry; LIAO, Paul

20. 21 Information Technology and Communication
ITE and peripherals
E002 EMC
CNS 13438 (2006)
Site VSWR: 1 GHz to 18 GHz (10 m Chamber No. 5/Guishan)
Site VSWR: 1 GHz to 18 GHz (3 m 966 Chamber No.04/Guishan)
Site VSWR: 1 GHz to 18 GHz (3 m 966 Chamber No.02/Guishan)

Approval Signatory: CHEN, Eric; HUANG, Jerry; LIAO, Paul

22. 04 Transportation Equipment
Components of board vehicles
E002 EMC
CISPR 25 (2016)
ECE R10 (Rev. 6, 2019)
Radiation Interference Test: 150 kHz to 1 GHz
Conduction Interference Test: 150 kHz to 108 MHz
Harmonics Current on AC Line: IEC 61000-3-12 method excluded
Voltage Fluctuation & Flicker on AC Line: IEC 61000-3-11 method excluded

Approval Signatory: LIN, Kevin; HUANG, Jerry; LIAO, Paul; LIU, Chris



E002 EMC (ESD Test)
ISO 10605 (2001)
ISO 10605 (A1: 2014)
Contact Discharge Voltage: 2 kV to 30 kV
Air Discharge Voltage: 2 kV to 30 kV
Discharge Module:
330 Pf/2000 Ω
150 Pf/2000 Ω
150 Pf/330 Ω
330 Pf/330 Ω

Approval Signatory: LIN, Kevin; HUANG, Jerry; LIAO, Paul; LIU, Chris

E002 EMC (Radiated Electromagnetic
Energy Immunity Test - ALSE Method)
ISO 11452-2 (2019)
Measurement Range:
80 MHz $\leq f < 200$ MHz, Field Strength 100 V/m (max.)
200 MHz $\leq f \leq 1$ GHz; Field Strength 150 V/m (max.)
1 GHz $< f \leq 2$ GHz, Field Strength 60 V/m (max.)

Approval Signatory: LIN, Kevin; HUANG, Jerry; LIAO, Paul; LIU, Chris

E002 EMC (Radiated Electromagnetic
Energy Immunity Test - TEM Cell Method)
ISO 11452-3 (2016)
Measurement Range:
0.01 MHz to 200 MHz,
Field Strength 200 V/m (max.)

Approval Signatory: LIN, Kevin; HUANG, Jerry; LIAO, Paul; LIU, Chris

E002 EMC (Radiated Electromagnetic
Energy Immunity Test - BCI Test Method)
ISO 11452-4 (2011)
Measurement Range:
100 kHz to 400 MHz, Injection Current: 100 mA (max.)

Approval Signatory: LIN, Kevin; HUANG, Jerry; LIAO, Paul; LIU, Chris

E002 EMC (Radiated Electromagnetic
Energy Immunity Test - Stripline Method)
ISO 11452-5 (2002)
Measurement Range:
0.01 MHz to 1 GHz, Field Strength 200 V/m (max.)

Approval Signatory: LIN, Kevin; HUANG, Jerry; LIAO, Paul; LIU, Chris

E002 EMC
ISO 7637-1 (2002)
ISO 7637-1 (A1: 2008)
ISO 7637-2 (2011)
ISO 7637-3 (2016)
P25, total 29 pages



Pulse 1

Power Source: Vdc 12 V (30 A)

Interference Voltage: (0 to -100) V

Pulse 1a

Power Source: Vdc 24 V (30 A)

Interference Voltage: (0 to -200) V

Pulse 1b

Power Source: Vdc 24 V (30 A)

Interference Voltage: (0 to -1100) V

Pulse 2

Power Source: Vdc 12 V/24 V (30 A)

Interference Voltage: (0 to -100) V

Pulse 3a

Power Source: Vdc 12 V/24 V (30 A)

Interference Voltage: (0 to -200) V

Pulse 3b

Power Source: Vdc 12 V/24 V (30 A)

Interference Voltage: (0 to -200) V

Pulse 4

Power Source: Vdc 12 V/24 V (30 A)

Interference Voltage: (-4 to -16) V

Pulse 5

Power Source: Vdc 12 V/24 V (30 A)

Interference Voltage: (26.5 to 200) V

Pulse 6

Power Source: Vdc 12 V (30 A)

Interference Voltage: (0 to -300) V

Pulse 7

Power Source: Vdc 12 V (30 A)

Interference Voltage: (0 to -80) V

Pulse a

Power Source: Vdc 12 V/24 V (30 A)

Interference Voltage: (-10 to -60) V

Coupling type: Coupling clamp

Pulse b

Power Source: Vdc 12 V/24 V (305 A)

Interference Voltage: (10 to 40) V

Coupling type: Coupling clamp

Approval Signatory: LIN, Kevin; HUANG, Jerry; LIAO, Paul; LIU, Chris

22. 05 Transportation Equipment
Electric Vehicle Conductive Charging System
E002 EMC
CNS 15511-21-2 (2021)

Approval Signatory: LIN, Kevin; HUANG, Jerry; LIAO, Paul; LIU, Chris

E002 EMC
(Electromagnetic environmental test)
CNS 15511-3 (2012)

Approval Signatory: LIN, Kevin; LIANG, C. K.; HUANG, Jerry; LIAO, Paul



Accreditation Program for Communication Equipment Laboratories

20. 01 Information Technology and Communication
Wireless Power Transfer Devices
E002 EMC
RSS-216 Issue 2 January 2016 + Amendment 1 September 2020

Approval Signatory: LIN, Kevin; HUANG, Jerry; LIAO, Paul; CHENG, James

20. 01 Information Technology and Communication
Wireless and Radio device
E009 Maximum Permissible Exposure (MPE)
FCC KDB Publication 447498 D01 v06 (October 23, 2015)
RSS-102 Issue 5, Amendment 1 February 2021
Evaluation, 50 MHz - 40 GHz
RF exp (measurement) : ≤ 40 GHz

Approval Signatory: HUANG, Jerry; LIAO, Paul; CHENG, James

20. 01 Information Technology and Communication
FIX MICROWAVE SERVICES
E020 Wireless and Radio frequency test
IS 2031-0 (2020)

Approval Signatory: LIAO, Paul; CHENG, James

20. 01 Information Technology and Communication
Terminal equipment for low-tier personal communication system
E020 Wireless and Radio test
(excluding test on PSTN interface
NCC RTTE01 (2020)

Approval Signatory: HUANG, Jerry; LIAO, Paul; CHENG, James

20. 13 Information Technology and Communication
Low power R.F. Receiver / Transmitter products
equipment, Short Range Device
E020 Wireless and Radio test
NCC LP0002 (2020)
9 kHz - 325 GHz

Approval Signatory: HUANG, Jerry; LIAO, Paul; CHENG, James

20. 13 Information Technology and Communication
U-NII with DFS Intentional Radiators
E020 DFS Test
47 CFR FCC Part 15 Subpart E (2021)
FCC KDB Publication 905462 D02 U-NII DFS Compliance Procedures New Rules v02
(April 8, 2016)
RSS-Gen, Issue 5, Amendment 2, February 2021
RSS-247, Issue 2, February 2017

Approval Signatory: HUANG, Jerry; LIAO, Paul; CHENG, James

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



■ 20. 13 Information Technology and Communication
U-NII without DFS Intentional Radiators
E020 RF Test (non DFS)
47 CFR FCC Part 15 Subpart E (2021)
ANSI C63.10 (2013)
FCC KDB Publication 789033 D02 v02r01 (December 14, 2017)
RSS-Gen, Issue 5, Amendment 2, February 2021
RSS-247, Issue 2, February 2017

Approval Signatory: HUANG, Jerry; LIAO, Paul; CHENG, James

■ 20. 13 Information Technology and Communication
Intentional Radiators
E020 RF Test
47 CFR FCC Part 15 Subpart C (2021)
ANSI C63.10 (2013)
RSS-Gen, Issue 5, Amendment 2, February 2021
RSS-210, Issue 10, December 2019
9 kHz to 110 GHz

Approval Signatory: HUANG, Jerry; LIAO, Paul; CHENG, James

Accreditation Program for BSMI Mutual Recognition Arrangement with Foreign Authorities

■ 18. 01 Commodity
Electrical lighting and similar equipment
E002 EMC
AS/NZS CISPR 15 (2011)

Approval Signatory: CHEN, Eric; HUANG, Jerry; LIAO, Paul

■ 18. 02 Commodity
Household appliances, electrical tools and similar apparatus
E002 EMC
AS/NZS CISPR 14.1 (2013)

Approval Signatory: CHEN, Eric; HUANG, Jerry; LIAO, Paul

■ 18. 04 Commodity
Unintentional Radiator (Video/Audio equipment)
E002 EMC
AS/NZS CISPR 13 (2012)

Approval Signatory: CHEN, Eric; HUANG, Jerry; LIAO, Paul

■ 19. 99 Electronic and Electric
Industrial, scientific and medical equipment
E002 EMC
AS/NZS CISPR 11 (2011)
47 CFR FCC Part 18 (2021)
FCC MP-5 (1986)

Approval Signatory: CHEN, Eric; HUANG, Jerry; LIAO, Paul



20. 21 Information Technology and Communication
Unintentional Radiators
E002 EMC
447 CFR FCC Part 15 Subpart B (2021)
AS/NZS CISPR 22 (2009)
AS/NZS CISPR 22 (A1: 2010)
ANSI C63.4 (2014)
NSA: 30 MHz to 1 GHz
Site VSWR: 1 GHz to 18 GHz

Approval Signatory: LIN, Kevin; CHEN, Eric; HUANG, Jerry; LIAO, Paul

(Null below)

