

Annex to declaration of accreditation (scope of accreditation)
Normative document: EN ISO/IEC 17025:2017
Registration number: L 315

of **Signify Netherlands B.V.**
EMC & Wireless connectivity lab

This annex is valid from: **20-04-2023** to **01-04-2027**

Replaces annex dated: **12-01-2022**

Location(s) where activities are performed under accreditation

Head Office

High Tech Campus 26
5656 AE
Eindhoven
The Netherlands

Location	Abbreviation/ location code
High Tech Campus 26 5656 AE Eindhoven The Netherlands	EH

No.	Material or product	Type of activity ¹	Internal reference number	Location
EMC.E	Electromagnetic Compatibility Emission			
EMC.E.01	Multi-Media Equipment Electrical lighting and similar equipment	Conducted Emissions Voltage method (AN) 150 kHz - 30 MHz	EMC-14-TSD-041-WIN EN 55032 CISPR 32 EMC-08-TSD-040-WIN EN IEC 55015 CISPR 15	EH

This annex has been approved by the Board of the Dutch Accreditation Council, on its behalf,

J.A.W.M. de Haas

¹ If there is a referral to a code starting with NAW, NAP, EA or IAF, this concerns a scheme mentioned on the [RvA-BR010-lijst](#).
If no date or version number is mentioned for a normative document, the accreditation concerns the most current version of the document or scheme.

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No.	Material or product	Type of activity ¹	Internal reference number	Location
EMC.E.02	Information technology equipment Electrical lighting and similar equipment Multi-Media Equipment Industrial, scientific and medical (ISM) radio-frequency equipment. In situ tests excluded Radio Frequency Devices: unintentional radiators	Conducted Emissions Voltage method (AMN) 9 kHz - 30 MHz	EMC-02-TSD-003-WIN EN 55022 CISPR 22 EMC-08-TSD-040-WIN EN IEC 55015 CISPR 15 EMC-14-TSD-041-WIN EN 55032 CISPR 32 EMC-03-TSD-038-WIN EN 55011 CISPR 11 EMC-02-TSD-020-WIN FCC 47 CFR Part 15B ANSI C63.4:2014	EH
EMC.E.03	Information technology equipment Electrical lighting and similar equipment Multi-Media Equipment Industrial, scientific and medical (ISM) radio-frequency equipment. In situ tests excluded Radio Frequency Devices: unintentional radiators	Conducted Emissions Voltage method (LISN) 9 kHz - 30 MHz	EMC-02-TSD-003-WIN EN 55022 CISPR 22 EMC-08-TSD-040-WIN EN IEC 55015 CISPR 15 EMC-14-TSD-041-WIN EN 55032 CISPR 32 EMC-03-TSD-038-WIN EN 55011 CISPR 11 EMC-02-TSD-020-WIN FCC 47 CFR Part 15B ANSI C63.4:2014	

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EMC.E.04	Electrical lighting and similar equipment	Conducted Emissions Voltage method (Voltage probe) 150 kHz - 30 MHz	EMC-08-TSD-040-WIN EN IEC 55015 CISPR 15	EH
EMC.E.05	Electrical lighting and similar equipment Multi-Media Equipment Information technology equipment	Conducted Emissions Current method (Current probe) 150 kHz - 30 MHz	EMC-08-TSD-040-WIN EN IEC 55015 CISPR 15 EMC-14-TSD-041-WIN EN 55032 CISPR 32 EMC-02-TSD-003-WIN EN 55022 CISPR 22	
EMC.E.07	Electrical lighting and similar equipment	Conducted Emissions Voltage method (Terminal disturbance) 30 MHz – 300 MHz (CDNe)	EMC-08-TSD-040-WIN EN IEC 55015 CISPR 15	
EMC.E.15	Information technology equipment Electrical lighting and similar equipment Multi-Media Equipment Industrial, scientific and medical (ISM) radio-frequency equipment. In situ tests excluded Radio Frequency Devices: unintentional radiators	Radiated Emissions Semi Anechoic Chamber Method (SACM) 30 MHz - 18 GHz	EMC-02-TSD-003-WIN EN 55022 CISPR 22 EMC-08-TSD-040-WIN EN IEC 55015 CISPR 15 EMC-14-TSD-041-WIN EN 55032 CISPR 32 EMC-02-TSD-003-WIN EN 55022 CISPR 22 EMC-02-TSD-020-WIN FCC 47 CFR Part 15B ANSI C63.4:2014	
EMC.E.18	Electrical lighting and similar equipment	Radiated Emissions Large Loop Antenna System (LLAS) 9 kHz - 30 MHz	EMC-08-TSD-040-WIN EN IEC 55015 CISPR 15	

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No.	Material or product	Type of activity ¹	Internal reference number	Location
EMC.E.20	Electrical lighting and similar equipment Industrial, scientific and medical (ISM) radio-frequency equipment. In situ tests excluded	Radiated Emissions 60 cm loop method 9 kHz - 30 MHz	EMC-08-TSD-040-WIN EN IEC 55015 CISPR 15 EMC-02-TSD-003-WIN EN 55022 CISPR 22	EH
EMC.E.24	Wideband transmission systems; Data transmission equipment operating in the 2,4 GHz ISM band and using wide band modulation techniques	Spurious Emissions Transmitter 30 MHz–12.75 GHz	EMC-17-DOC-573-WIN ETSI EN 300 328	
EMC.E.25		Spurious Emissions Receiver 30 MHz–12.75 GHz	EMC-17-DOC-573-WIN ETSI EN 300 328	
EMC.E.26	Electric and electronic equipment	Harmonic Current Emissions (Up to and including 16A per phase) 1 phase	EMC-02-TSD-010-WIN EN IEC 61000-3-2 IEC 61000-3-2	
EMC.E.27		Voltage changes, voltage fluctuations and flicker Emissions (Up to and including 16A per phase) 1 phase	EMC-02-TSD-011-WIN EN 61000-3-3 IEC 61000-3-3	
EMC.E.32	Information technology equipment	Conducted Emissions Voltage method (ISN) 150 kHz - 30 MHz	EMC-02-TSD-003-WIN EN 55022 CISPR 22	
EMC.E.34	Multi-Media Equipment	Conducted Emissions, Voltage method (AAN) 150 kHz to 30 MHz	EMC-14-TSD-041-WIN EN 55032 CISPR 32	
	Electrical lighting and similar equipment		EMC-08-TSD-040-WIN EN IEC 55015 CISPR 15	

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No.	Material or product	Type of activity ¹	Internal reference number	Location
EMC.I	Electromagnetic Compatibility Immunity/Susceptibility			
EMC.I.07	Electrical and electronic equipment	Immunity to conducted disturbances Induced by radio-frequency fields 1-10 Vrms 150 kHz - 80 MHz	EMC-02-TSD-016-WIN EN 61000-4-6 IEC 61000-4-6	EH
EMC.I.12		Radiated Immunity Electric Field 80 MHz - 6 GHz	EMC-02-TSD-013-WIN EN IEC 61000-4-3 IEC 61000-4-3	
EMC.I.21		Electrostatic discharge Immunity (ESD) Contact discharge 0 - 15 kV Air discharge 0 – 30 kV	EMC-02-TSD-012-WIN EN 61000-4-2 IEC 61000-4-2	
EMC.I.22		Electrical fast transient / burst Immunity (EFT) 1 to 3 phase 0 – 5.5 kV	EMC-02-TSD-014-WIN EN 61000-4-4 IEC 61000-4-4	
EMC.I.23		Surge Immunity 1 to 3 phase 0 – 5.0 kV	EMC-02-TSD-015-WIN EN 61000-4-5 IEC 61000-4-5	
EMC.I.24		Power frequency magnetic field Immunity 50/60 Hz 1 – 30 A/m	EMC-02-TSD-017-WIN EN 61000-4-8 IEC 61000-4-8	
EMC.I.26		Voltage dips, short interruptions and voltage variations Immunity 1 phase 400 V 50/60 Hz All Angles	EMC-02-TSD-018-WIN EN IEC 61000-4-11 IEC 61000-4-11	
EMC.I.27		Electric transient transmission via lines other than supply lines Immunity 0 – 5.5 kV	EMC-02-TSD-014-WIN EN 61000-4-4 IEC 61000-4-4	

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No.	Material or product	Type of activity ¹	Internal reference number	Location
Radio Testing				
1.	Wideband transmission systems; Data transmission equipment operating in the 2,4 GHz ISM band and using wide band modulation techniques	For 2,4 GHz–2,4835 GHz: RF output power Spectral power density Duty cycle Tx-Sequence Tx-gap Medium Utilization Occupied Channel Bandwidth Transmitter unwanted emissions in the OOB domain Receiver blocking	EMC-17-DOC-573-WIN ETSI EN 300 328	EH

**Product standards containing one or more of the above mentioned test activities are listed below.
 Accreditation is only applicable to the tests mentioned above.**

EMC.S		Electrical and electronic equipment EMC tests and FCC EMC tests		
EMC.S.03	Electrical and electronic equipment EMC tests	EMC.E.01, EMC.E.02, EMC.E.03, EMC.E.04, EMC.E.05, EMC.E.07, EMC.E.15, EMC.E.18, EMC.E.20, EMC.E.24, EMC.E.25, EMC.E.26, EMC.E.27, EMC.E.32, EMC.E.34 EMC.I.07, EMC.I.12, EMC.I.21, EMC.I.22, EMC.I.23, EMC.I.24, EMC.I.26, EMC.I.27	EN IEC 61000-6-3 / IEC 61000-6-3 EN IEC 61000-6-1 / IEC 61000-6-1 EN 55032 / CISPR 32 EN 55011 / CISPR 11 EN IEC 55015 / CISPR 15 EN 61547 / IEC 61547 EN 55022 / CISPR 22 EN 55024 / CISPR 24 IEC 61326-1 / EN 61326-1 ETSI EN 301 489-1 ETSI EN 301 489-3 ETSI EN 301 489-17 EN 60601-1-2 / IEC 60601-1-2	EH
EMC.S.05	FCC EMC tests	EMC.E.02, EMC.E.03, EMC.E.15	FCC 47 CFR part 15B, ANSI C63.4 (2014)	EH