

7B

D

- ATT-TP-76200
- ETSI EN 300 019-2-1 Storage
- ETSI EN 300 019-2-2 Transportation
- ETSI EN 300 019-2-3 Operational
- ETSI EN 300 753 Acoustic Noise
- GR-63-CORE
- VZ.TPR.9205
- RoHS 6/6 design

Safety

- IEC/EN 60825-1
- IEC/EN 60825-2
- AS/NZS 60950-1
- IEC/EN/UL/CSA 60950-1 Ed2
- AS/NZS 62368-1 (7210 SAS-K12[ETR], SAS-Dxp)
- IEC/EN/UL/CSA 62368-1 Ed2 (7210 SAS-K12[ETR], SAS-Dxp)

Electromagnetic compatibility

- AS/NZS CISPR 22 Class A (7210 SAS-T and 7210 SAS-D)
- AS/NZS CISPR 32 Class A
- BSMI CNS13438 Class A
- BT GS-7
- EN 55022
- EN 55024
- EN 55032 Class A
- ETSI EN 300 132-2 (LVDC)
- ETSI EN 300 132-3 (AC) (7210 SAS-S series, SAS-K series, SAS-Dxp)
- ETSI EN 300 386
- ETSI ES 201 468

- FCC Part 15 Class A
- GR-1089-CORE
- ICES-003 Class A
- IEC CISPR 22
- IEC CISPR 24
- IEC CISPR 32 Class A
- IEC/EN 61000-3-2 Power line harmonics
- IEC/EN 61000-3-3 Voltage fluctuations
- IEC/EN 61000-4-2 ESD
- IEC/EN 61000-4-3 Radiated Immunity
- IEC/EN 61000-4-4 EFT
- IEC/EN 61000-4-5 Surge
- IEC/EN 61000-4-6 Conducted Immunity
- IEC/EN 61000-4-11 Voltage Interruptions
- IEC/EN 61000-6-2 Industrial
- IEC/EN 61000-6-4
- KCC Korea-Emission & Immunity (in accordance with KN32/KN35)
- VCCI Class A

Wireless

- (7210 SAS-Sx 1/10GE, SAS-Sx 10/100GE)
- ETSI EN 301 489-1
 - ETSI EN 301 489-17 (Bluetooth)
 - KN 301 489-1
 - KN 301 489-17 (Bluetooth)

Power utility substations

- IEC 61850-3
- IEEE 1613

Railway

- EN 50121-4
- IEC 62236-4

¹ System design intent is according to the listed standards. Certifications vary on different models. Certifications applicable to only one or two models are noted. Refer to product documentation for detailed compliance status.

Directives, regional approvals and certifications

- DIRECTIVE 2011/65/EU RoHS
- DIRECTIVE 2012/19/EU WEEE
- DIRECTIVE 2014/30/EU EMC
- DIRECTIVE 2014/35/EU LVD
- DIRECTIVE 2014/53/EU RED
(7210 SAS-Sx 1/10GE, SAS-Sx 10/100GE)
- NEBS Level 3
- Australia - RCM Mark
- China RoHS – CRoHS
- Europe – CE Mark
- Japan – VCCI Mark
- South Korea – KC Mark

About Nokia

We create the technology to connect the world. Powered by the research and innovation of Nokia Bell Labs, we serve communications service providers, governments, large enterprises and consumers, with the industry's most complete, end-to-end portfolio of products, services and licensing.

From the enabling infrastructure for 5G and the Internet of Things, to emerging applications in digital health, we are shaping the future of technology to transform the human experience. networks.nokia.com

Nokia operates a policy of ongoing development and has made all reasonable efforts to ensure that the content of this document is adequate and free of material errors and omissions. Nokia assumes no responsibility for any inaccuracies in this document and reserves the right to change, modify, transfer, or otherwise revise this publication without notice.

Nokia is a registered trademark of Nokia Corporation. Other product and company names mentioned herein may be trademarks or trade names of their respective owners.

© 2020 Nokia

Nokia Oyj
Karaportti 3
FI-02610 Espoo, Finland
Tel. +358 (0) 10 44 88 000

Document code: SR2003041874EN (March) CID184551