narda
Safety Test Solutions

CE

Supplier's Declaration of Conformity

(in accordance with ISO/IEC 17050-1)

SDoC no.: 2022-01

Issuer's name: Narda Safety Test Solutions GmbH (manufacturer)

Issuer's address: Sandwiesenstr. 7, D-72793 Pfullingen, Germany

Object of declaration:

Model No.	Part No.	Designation
5G FR2	3591/01	LNB Antenna, 24.25 to 29.5GHz, dir.,
5G FR2	3591/02	LNB Antenna, 24.25 to 29.5GHz, omn.,

The object of the declaration described above is in conformity with the requirements of the following documents:

Documents No.	Title
2014/30/EU	Directive of the European Parliament and of the Council on the harmonisation of the laws of the Member States relating to electromagnetic compatibility (previously 2004/108/EC)
EN 61326-1: 2021	Electrical equipment for measurement, control and laboratory use - EMC requirements - Part 1: General requirements
2014/35/EU	Directive of the European Parliament and of the Council on the harmonisation of the laws of the Member States relating to the making available on the market of electrical equipment designed for use within certain voltage limits (previously 2006/95/EC)
EN 61010-1: 2010	Safety requirements for electrical equipment for measurement, control, and laboratory use - Part 1: General requirements
2011/65/EU (RoHS)	Directive 2011/65/EU of the European Parliament and of the Council of 8 June 2011 on the restriction of the use of certain hazardous substances in electrical and electronic equipment (previously 2002/95/EC)
(EU)2015/863	RoHS amending Directive
63000:2018	Technical documentation with respect to the RoHS

Signed for and on behalf of: Narda Safety Test Solutions GmbH

Place and date of issue: Pfullingen, 2022-10-19

Signature:

Name, function: Martin Meisenburg, Managing Director

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Annex – EMC

of Supplier's Declaration of Conformity

Relates to: SDoC no. 2022-01

Object:

5G FR2	3591/01	LNB Antenna, 24.25 to 29.5GHz, dir.,
5G FR2	3591/02	LNB Antenna, 24.25 to 29.5GHz, omn.,

Conformance of the product with Directive 2014/30/EU (EMC Directive) is given according to the harmonized European standard: EN 61326-1: 2021

Tests according to EN 61326:

Electromagnetic immunity	Standard	Test level, condition
Immunity to electrostatic discharge	EN 61000-4-2	2 kV / 4 kV / 8 kV (criterion A)
Immunity to radiated electromagnetic fields	EN 61000-4-3	10 V/m for 80 MHz to 1 GHz 3 V/m for 1.4 GHz to 6 GHz (criterion A)
Fast transient common mode immunity (on power supply port)	EN 61000-4-4	±2 kV (criterion A)
Surge immunity	EN 61000-4-5	±0,5 kV / ±1 kV (criterion A)
Immunity to conducted high frequency disturbances	EN 61000-4-6	3 V rms (criterion A) 150 kHz – 80 MHz
Power frequency magnetic field immunity	EN 61000-4-8	30 A/m (criterion A)
Immunity to voltage dips, short-time interruptions and voltage fluctuations	EN 61000-4-11	25 cycles (70 % supply voltage) 10 cycles (40 % supply voltage) 1 cycle (0 % supply voltage) (criterion A) 250 cycles (0 % supply voltage)
Electromagnetic emission	Standard	Test level, condition
Radiated emission	EN 55011 (CISPR 11)	Class B
Conducted emission	EN 55011 (CISPR 11)	Class B
Harmonic current emissions	EN 61000-3-2	Class A
Voltage fluctuation and flicker	EN 61000-3-3	Short functional test