



STS Directory

Accreditation number: STS 0395

International standard: ISO/IEC 17025:2017
Swiss standard: SN EN ISO/IEC 17025:2018

maxwave AG
Andreasstrasse 5
8050 Zürich

Head: Michael Slameczka
Responsible for MS: Anthony Bellwald
Telephone: +41 43 299 70 00
E-Mail: <mailto:info@maxwave.ch>
Internet: <http://www.maxwave.ch>
Initial accreditation: 14.11.2003
Current accreditation: 14.11.2018 to 13.11.2023
Scope of accreditation see: www.sas.admin.ch
(Accredited bodies)

Scope of accreditation as of 24.08.2020

Testing laboratory for measurement according to ONIR

Group of products or materials, field of activity	Principle of measurement ³⁾ (characteristics, measuring ranges, type of test)	Test methods, remarks (national, international standards, in-house test methods)
Cellular phone network	Electromagnetic environmental testing Measurement of non ionising electromagnetic radiation (NIR) Base stations GSM	Measurement recommendation, for Mobile-Base-Stations (GSM), FOEN, 2002 - frequency selective method
Cellular phone network	Base stations UMTS-FDD	Measurement recommendation for Mobile-Base-Stations (UMTS-FDD), FOEN draft of September 17, 2003 - spectral measurement - code selective method



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Group of products or materials, field of activity	Principle of measurement ³⁾ (characteristics, measuring ranges, type of test)	Test methods, remarks (national, international standards, in-house test methods)
Cellular phone network	Base stations LTE	Technical Report: Measurement for LTE Base Stations, METAS-Report 2012-218-808, 03.05.2012 - code selective method - frequency selective method
Cellular phone network	Base stations 5G NR	Technical Report: "Measurement Method for 5G NR Base Stations up to 6 GHz", V 2.1, METAS-Report 154.1-2020-5218-1016 - frequency selective method
Cellular phone network	Base stations TETRAPOL	Test method maxwave - frequency selective method
Broadcast	Transmitter installations	Broadcast and Paging Transmitters: Recommendation for the execution ONIR ^{L)} , FOEN draft of July 6, 2005
Paging	Transmitter installations	Broadcast and Paging Transmitters: Recommendation for the execution ONIR, FOEN draft of July 6, 2005
Private mobile radio	Transmitter installations	Test method maxwave - frequency selective method

Restrictions and footnotes

^{L)} Excepted medium waves

Abbreviation	Signification
FOEN	Federal Office for the Environment
GSM	Global System for Mobile Communications
LTE	Long Term Evolution
METAS	Federal Institute of Metrology
NR	New Radio
ONIR	Ordinance on Protection from Non-Ionising Radiation
UMTS	Universal Mobile Telecommunications System

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