

# JOB DESCRIPTION

## SW Test Engineer for Signal Generators

|                    |           |                  |               |
|--------------------|-----------|------------------|---------------|
| <b>Job Type:</b>   | Permanent | <b>Location:</b> | Munich/Europe |
| <b>Start Date:</b> | ASAP      | <b>Duration:</b> | 24 Months     |
| <b>Reference:</b>  | 171227    |                  |               |

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| <b>PRINCIPAL PURPOSE OF ROLE</b>  |  |
| We are looking for a Software Engineer with strong test case specification, implementation and test automation background. The person shall be well grounded in HF measurement technique (Signal Generators, Oscilloscopes, Spectrum & Network Analyzers)   |  |
| <b>MAIN RESPONSIBILITIES AND DUTIES</b><br><i>(Including level of responsibility where necessary)</i>   |  |
| <ul style="list-style-type: none"> <li>• Development, maintenance and support of various automated test systems for vector signal generators using various T&amp;M devices like spectrum analysers and oscilloscopes.</li> <li>• Regular Test analysis, tracking and report as well as support of the development team with failure reproduction</li> <li>• Preparation of test protocols for official software releases</li> <li>• Optimization of the test system with scripting (Jenkins, Perl) and in regard to test time, stability and maintenance effort</li> <li>• Testcase development and improvement for baseband applications such GSM, LTE, Avionics, GNSS, Radar</li> </ul> |  |
| <b>TOOLS AND EQUIPMENT USED:</b>  |  |
| <ul style="list-style-type: none"> <li>• Signal Generators, Oscilloscopes, Spectrum &amp; Network Analyzers</li> <li>• Jenkins</li> <li>• RTC, Clearcase</li> </ul>   |  |
| <b>KNOWLEDGE/EXPERIENCE AND QUALIFICATIONS</b>  |  |
| <b>ESSENTIAL</b>  |  |
| <ul style="list-style-type: none"> <li>• University degree in electro- and information technic</li> <li>• At least 3 years' industry experience</li> <li>• Extended knowhow in MATLAB</li> <li>• Extended knowhow in information system theory</li> <li>• Extended knowhow in OOP</li> <li>• Knowhow in digital signal processing</li> <li>• Knowhow in HF measurement technique</li> <li>• Basis knowledge in Physical Layer of communication standards: GPS, UMTS, LTE, WLAN</li> <li>• Programming knowhow of C/C++ or similar</li> </ul>  |  |
| <b>BEHAVIOURAL SKILLS</b>   |  |
| <b>ESSENTIAL</b>  |  |
| <ul style="list-style-type: none"> <li>• Good communication and documentation skills</li> <li>• Structured and precise style of working</li> <li>• Very good English and German</li> </ul>  |  |

We are offering an open team spirit working in an international environment.  
Please contact us at [job@noriba-it.com](mailto:job@noriba-it.com).