



## Course Details

### Station Commissioning (9140)

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| <b>Title</b>         | <b>9140 - SKYWAN 5G Station Commissioning</b>  |
| <b>Level</b>         | Basic / Specialist   |
| <b>Objectives</b>    | <p>The participant will be able to:<br/>         Prepare &amp; commission a SKYWAN station to become a member of a SKYWAN network and perform tests at station level, i.e.:</p> <ul style="list-style-type: none"> <li>• Install a SKYWAN indoor unit,</li> <li>• Setup a SKYWAN IDU with a predefined parameter set,</li> <li>• Run station specific functional tests,</li> <li>• Control relevant parameters for proper station operation, using also IDU Expert Mode/CLI,</li> <li>• Perform advanced trouble shooting procedures</li> </ul>  |
| <b>Contents</b>      | <p>Description of SKYWAN solution:</p> <ul style="list-style-type: none"> <li>• SKYWAN features, hardware &amp; interfaces,</li> <li>• Configuration file &amp; software images,</li> <li>• SKYWAN station setup wizard.</li> </ul> <p>Installation steps &amp; Line-up procedure:</p> <ul style="list-style-type: none"> <li>• Loading a predefined configuration,</li> <li>• Change essential configuration parameters,</li> <li>• Required information for proper Line-up,</li> <li>• Procedures (perform Line-up).</li> </ul> <p>Station commissioning and operation:</p> <ul style="list-style-type: none"> <li>• Run standard site acceptance test (SAT) procedure,</li> <li>• Basic monitoring (i.e. via IDU Web UI and LED indications),</li> <li>• Troubleshooting procedure (Identify &amp; localize general failures).</li> </ul> |
| <b>Target Group</b>  | SKYWAN 5G - Station Commissioner (installation staff)  |
| <b>Duration</b>      | 2 days (1 additional day for Expert Certification)   |
| <b>Prerequisites</b> | <p>The following prerequisites are mandatory for the participant:</p> <ul style="list-style-type: none"> <li>• Good knowledge in 'satellite communication fundamentals (VSAT)',</li> <li>• Good knowledge in 'installation basics (VSAT)' (e.g. like course 8010),</li> <li>• General good English language skills.</li> </ul>   |
| <b>Environment</b>   | SKYWAN 5G hardware, PC or notebook.  |
| <b>Methods</b>       | Lecture, demonstrations, practical exercises.  |