# Station Commissioning (9140)

| Title | 9140 - SKYWAN 5G Station Commissioning |
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| **Level** | Basic / Specialist |
| **Objectives** | The participant will be able to:<br>Prepare & commission a SKYWAN station to become a member of a SKYWAN network and perform tests at station level, i.e.:<br>• Install a SKYWAN indoor unit,<br>• Setup a SKYWAN IDU with a predefined parameter set,<br>• Run station specific functional tests,<br>• Control relevant parameters for proper station operation, using also IDU Expert Mode/CLI,<br>• Perform advanced trouble shooting procedures |
| **Contents** | Description of SKYWAN solution:<br>• SKYWAN features, hardware & interfaces,<br>• Configuration file & software images,<br>• SKYWAN station setup wizard.<br><br>Installation steps & Line-up procedure:<br>• Loading a predefined configuration,<br>• Change essential configuration parameters,<br>• Required information for proper Line-up,<br>• Procedures (perform Line-up).<br><br>Station commissioning and operation:<br>• Run standard site acceptance test (SAT) procedure,<br>• Basic monitoring (i.e. via IDU Web UI and LED indications),<br>• Troubleshooting procedure (Identify & localize general failures). |
| **Target Group** | SKYWAN 5G - Station Commissioner (installation staff) |
| **Duration** | 2 days (1 additional day for Expert Certification) |
| **Prerequisites** | The following prerequisites are mandatory for the participant:<br>• Good knowledge in 'satellite communication fundamentals (VSAT)',<br>• Good knowledge in 'installation basics (VSAT)' (e.g. like course 8010),<br>• General good English language skills. |
| **Environment** | SKYWAN 5G hardware, PC or notebook. |
| **Methods** | Lecture, demonstrations, practical exercises. |