



Course Details: 9140

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