DVB S2 (9245)

Title	9245 - DVB S-2
Level	Advanced / Expert
Objectives	The participant will be able to: ▪ Understand feature and benefits of the DVB-S2 Option in SKYWAN 5G networks. ▪ Perform configuration of the SKYWAN IDU, DVB Gateway and Hub router using input from Network Engineering. ▪ Perform monitoring to ensure proper operation of the DVB-S2 links.
Contents	Brief description of SKYWAN DVB solution: • DVB-S2 standard • DVB-S2 option in SKYWAN 5G networks SKYWAN specific configuration: • DVB Gateway • Hub router • DVB-S2 receiver Monitor & control relevant parameters for operation: • Pitfalls & troubleshooting • Monitoring DVB-S2 parameters
Target Group	SKYWAN 5G - Network Operator
Duration	1 day
Prerequisites	The following prerequisites are mandatory for the participant: • Participation in ND SATCOM course 9240 • Good knowledge in TCP/IP basics • Good knowledge in 'satellite communication fundamentals (VSAT)' • General good English language skills
Environment	SKYWAN 5G hardware, DVB Gateway AT-60, Hub router, PC or notebook with SKYWAN NMS software, inter-cabling of some SKYWAN stations and the DVB Gateway and Hub router for a small network.
Methods	Lecture, hands-on with NMS tools, demonstrations