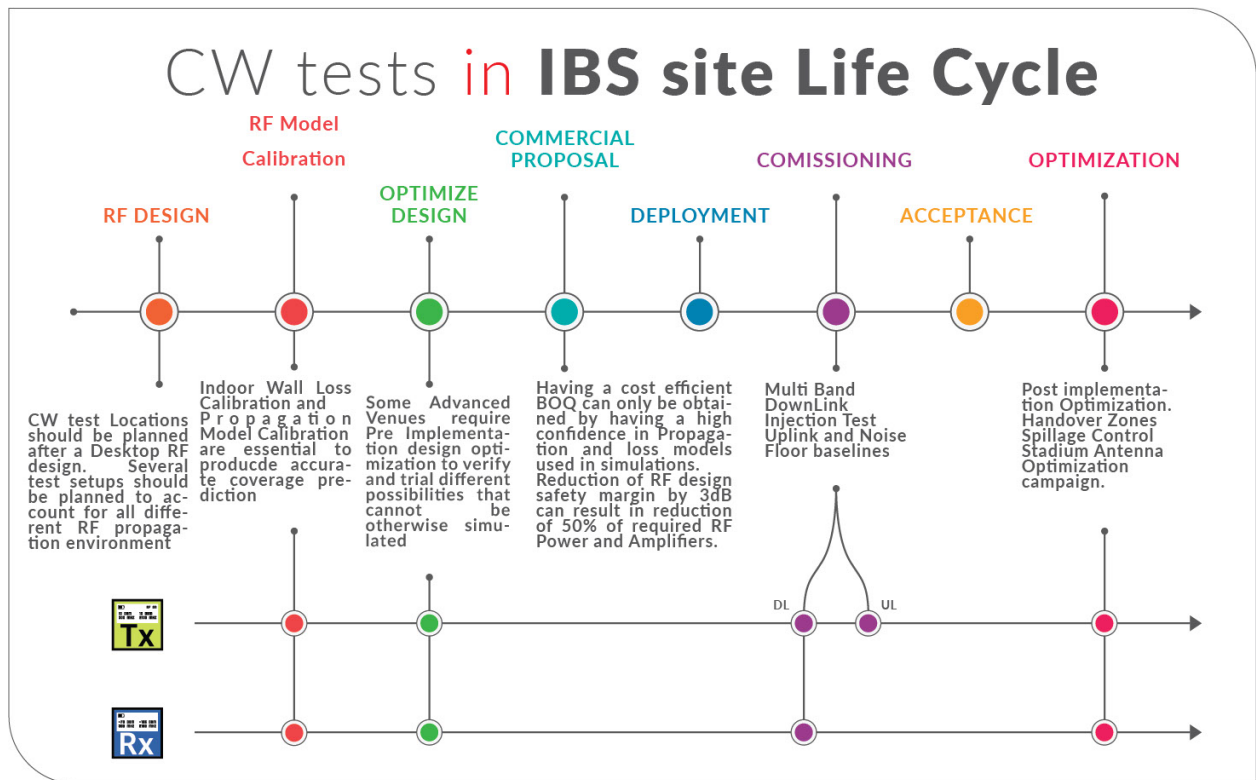


DAS Design/Commissioning (Part 1 of 2)

7 Reasons why CW Testing is vital for Performance and Cost Optimization



DAS networks require multi-phase testing for successful deployment; starting from the design phase - which significantly determines the cost of the network infrastructure-through reaching out the on-air acceptance phase.

Commissioning prominently is the most critical phase in DAS Roll out as for a system to be optimized, it must be validated for ultimate RF transport and performance via the commissioning process.

A DAS to be properly commissioned, its infrastructure must be functional and trouble free. All infrastructure issues should be demarcated and resolved at this phase.

Here's everything you need to know about how CW Testing is so essential for DAS performance and cost optimization across the whole project cycle:

1. Meet your design KPI's and cut network infrastructure costs through tuning/calibrating the propagation model (CW test for post processing afterwards via spreadsheets or design Software)
2. Validating the zone and sector boundaries, and investigate attenuation between adjacent levels
3. Testing of the propagation characteristics of the antenna, in particular to the project building and location under test
4. Investigating spillage (inter-sector interference)
5. Validating Head End DL/UL RF continuity/loss for maximum output at the remote Unit and for adequate SNR at BTS
6. Validating Remote End DL/UL continuity out to remote antennas as well as from remote antennas to DAS Head End in order to balance impact of line losses and noise
7. Post-build CW testing to make sure the DAS Network meets the design coverage KPI's.

Get to know how Consultix award-winning multi-port CW kits reduce testing time up to one fourth of legacy tools.
<http://consultix-egypt.com/cw-walk-test-kits/>

Contact us to Join Consultix IBS & DAS Certification Program to acquire firm knowledge about other project considerations, practical tips, and more underlying background. Certification@consultix-egypt.com

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