

Operational Description for the RH300020/14A and RH300020/15A

Nexus Strand Mount works as Wideband Radio Heads used to fill out uncovered areas in wireless mobile systems such as base station fringe areas, tunnels, business, convention centers, airports and industrial buildings. It receives, amplifies and transmits signals to/from a base station to/from mobile stations. The standard WRH is used for analog or digital systems, such as WCDMA, EDGE/GSM. It has a fiber optic donor port and an RF port for a service antenna (or RF cable) and is designed to be connected to a BTS via a BMU or OCM.

The tested model is RH300020/14A. The test report will cover RH300020/14A and RH300020/15A.

The only difference between RH300020/14A and RH300020/15A is:

- 1) The fins of the heat sink of RH300020/14A are vertical for strand mount purpose**
- 2) The fins of the heat sink of RH300020/15A are horizontal for pole mount purpose**

I have discussed with Randy and Robert. Their conclusion is:

**Model number differences do not affect the radio characteristics (cosmetic enclosure change)
Therefore both models are identical for the purposes of certification.**