

EXHIBIT 4A: EXTERNAL PHOTOGRAPHS OF THE EQUIPMENT

Section 2.1033 (c)(12):

Photographs of the equipment of sufficient clarity to reveal equipment construction and layout, including meters, if any, and labels for controls and meters and sufficient views of the internal construction to define component placement and chassis assembly.

The UMTS 9341 RRH 60W 850MHz Base Station system, subject of this certification, is comprised of two separate modules interconnected by fiber optic cable: 1) the digital Base Band Unit (BBU), and 2) the RF Remote Radio Head (RRH). They have the flexibility of being installed either in close proximity to (i.e., co-located) or remotely located from each other. The BBU has the capability of controlling up to 3 remotely located RRH units, via fiber optic cable, and incorporates the digital channel cards, reference oscillator module, T1/E1 and alarm interface, and the RF-to-Optical and Optical-to-RF conversion circuitry. The 60W 850 MHz RRH incorporates the Future Technology Radio (FTR850), power amplifier (PA) and passive filter with single transmit (Tx) and diversity receive functionality (Rx0, Rx1).

Photographs of the system equipment assembly and configuration and of the individual BBU and RRH components are shown in this exhibit.

View Number 1:

The 9341 RRH 60W 850MHz RF Remote Radio Head (RRH) Front and Top View Showing Filter Terminals.



View Number 2:

The 9341 RRH 60W 850MHz RF Remote Radio Head (RRH) Front and Bottom View Showing Power, T1/E1 and Alarm Cable Terminals.



View Number 3:

The 9341 RRH 60W 850MHz RF Remote Radio Head (RRH) Rear and Bottom View .



View Number 4:

The 9341 RRH 60W 850MHz RF Remote Radio Head (RRH) Bottom View Showing Cover Open.



View Number 5:

The 9341 RRH 60W 850MHz RF Remote Radio Head (RRH) Bottom View Showing Cover Removed.



View Number 6:

Digital Base Band Unit (BBU) Top, Front And Right Side View Showing 19" Rack Mounting Brackets Installed.

