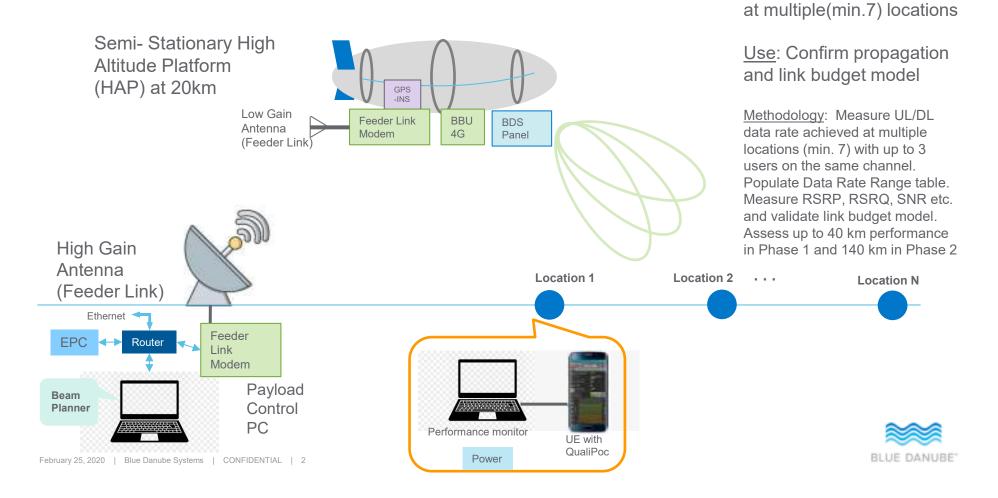
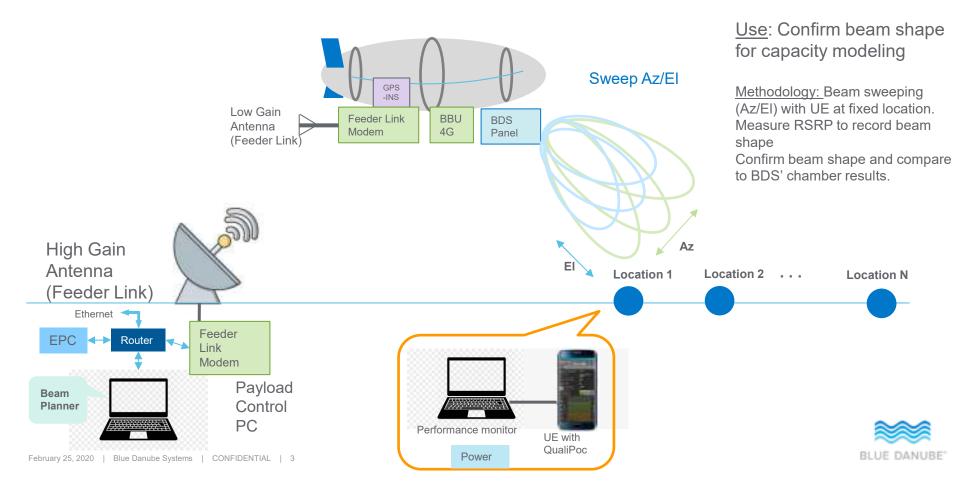


## High Altitude Rate Range Test



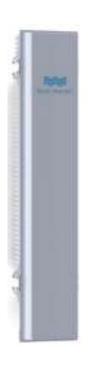
Output: UL/DL Data Rate

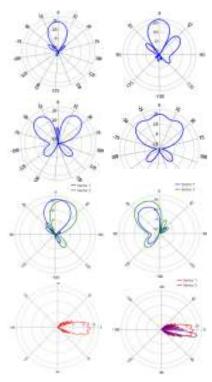
## High Altitude Beam Pattern Test



Output: Beam Shape data

## Experimental BeamCraft<sup>TM</sup> 500 – Product Specs





Illustrative Beam Patterns

## **Key Features**

8 Elements for Phase 1, 96 Element Antenna Array for phase 2.

(4 columns x 12 rows x 2 polarization)

+45° / -45° Polarization

Upto 160W, dynamically allocated

FDD AWS or PCS

23 dBi Antenna Gain (Max)

4 Beams (Tx/Rx)

3dB Horizontal Beamwidth

24° (min) : 90° (max)

3dB Vertical Beamwidth

5° (min) : 21° (max)

+/- 30° Horizontal Beam Steer Range

+/- 10° Vertical Beam Steer Range

72"(L) x 14"(W) x 10"(D)

