

STA Filing for Newport Utilities Trial

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This document is designed to simply describe the configuration of the site antenna design and overall test approach.

One single site will be used for the technology evaluation for a Fixed Wireless Access trial of the a Massive MIMO radio solution in the 3500-3700 MHz band. The site configuration will be as follows:

Height AGL	~62'
Alpha Sector Angle to Horizon	0°
Beta Sector Angle to Horizon	120°
Gamma Sector Angle to Horizon	240°

The technology modulation is LTE with dynamic capabilities to transition from QPSK up to 256 QAM and will not exceed 200W ERP as specified in the CBRS standards for 60MHz of operating bandwidth.