

**PURPOSE OF EXPERIMENT;
RESPONSE TO ITEMS 7, 12 & TECHNICAL DATA**

Response to Item 7:

The purpose of this Experimental License is to determine whether this spectrum can be used to deliver fixed wireless broadband service of high quality in an environment where the spectrum is shared with Part 90 Radiolocation licensees and federal government users, without either causing or receiving harmful interference.

Using multicarrier LTE-Advanced technology, this experiment will determine whether high speed broadband speeds are feasible on a non-interference basis.

Applicant Air-Tel, LLC is already licensed for the same spectrum at the same locations for Part 90 Radiolocation Service.

The equipment to be utilized is Cambium, Model 450i (FCC ID No. Z8H89FT0028). The antenna type is PMP Model 450 (C035045D901A).

Response to Item 12:

Applicant is a limited liability company.

Technical Data:

All antennas will be mounted on existing facilities, neither of which require antenna survey registration or FAA approval. The El Dorado (Jefferson County) site is a pipe on the roof of a building, with the height to tip of 16 meters AGL.

The Aspen site is a guyed tower which is 30 meters AGL without appurtenances, and 40 meters AGL with appurtenances.

The vertical beamtilt for all antennas will be -5.

The emission designators for all antennas are: 10M0D1D and 20M0X1D.