

Antenna Registration Question 5: FAA Antenna Sketch
(0025-EX-PL-2005, BVWireless LLC)

The setting for the experimentation is a 275 acre golf course community in Phase 2 development (of 6 phases total). The golf course community is expected to be completed within the next 5 years, and will consist of 62 single family homes, 98 golf course villas, 120 active adult condos, and 30 family attached homes, a Clubhouse with collocated swimming pool, tennis courts, health club, restaurant etc.

Antenna registration is not required for the following reasons.

1. A single (temporary) antenna mast -- of approximately the same height and location as the cupola of the Clubhouse -- will be used to mount antennas needed for the experimentation. Although the Clubhouse has not yet been built, the building plans were recently approved by local authorities.
2. There are many tall trees in the area surrounding the Clubhouse, many of which are higher than the temporary antenna mast (pole) to be erected.
3. There is an existing cellular antenna tower (200 feet above ground level) within 800 feet of the temporary antenna mast location. The total height of the temporary antenna mast (including antennas) will be less than 50 feet above ground level.
4. In addition, the TOWAIR website provided the following relevant information:

DETERMINATION Results

“Structure does not require registration. There are no airports within 8 kilometers (5 miles) of the coordinates you provided.”