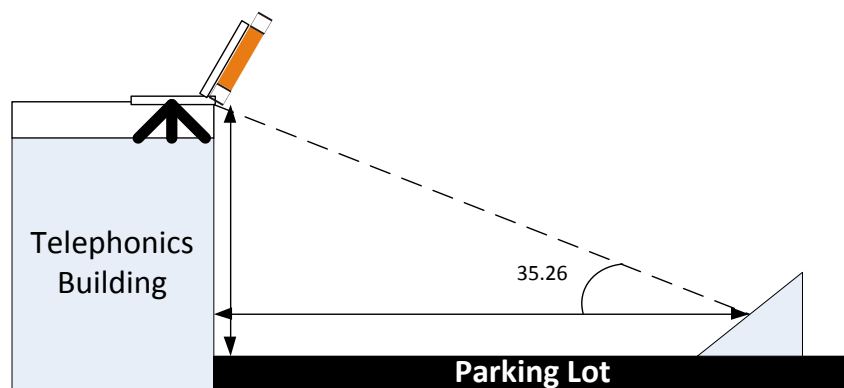


Outdoor Test Plan

Telephonics plans to verify and validate the system performance of an experimental radar manufactured by Echodyne. The experiment consists on mounting the radar on top of a building, and pointing its main beam to a calibration target (a trihedral), which is opportunely mounted at the end of a parking lot.

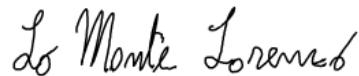
The radar system could potentially scan $\pm 40^\circ$ in elevation and $\pm 60^\circ$ in azimuth. Therefore, we will need an authorization that can cover that scan. The one way, half-power beamwidth is 4° in azimuth and 12° in elevation.

The radar uses FMCW, and according to EchoDyne, it is already approved by NTIA and FCC in terms of spurious emissions.



Should you need additional information feel free to contact me at any time.

Sincerely,



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