

DIRECTIONAL ANTENNA INFORMATION

The directional antenna information required on General Dynamics C4 Systems, Inc.'s application for Special Temporary Authority to operate High Capacity Line of Sight radio transmissions equipment for the purpose of product demonstration is as follows:

Beam Width

- AN/GRC-408E Band III+ Radios (1350-2690MHz) (Elbit/Tadiran):
 - Width of the beam at the half power point (degrees): 12
- AN/GRC-408E Band IV Radios (4400-5000MHz) (Elbit/Tadiran)
 - Width of the beam at the half power point (degrees): 6

Orientation Details

- The first shot will be at 225 degrees.
- The second shot will be at 250 degrees.
- The distant antenna will be 200 yards away pointing 180 degrees from the above antennas.