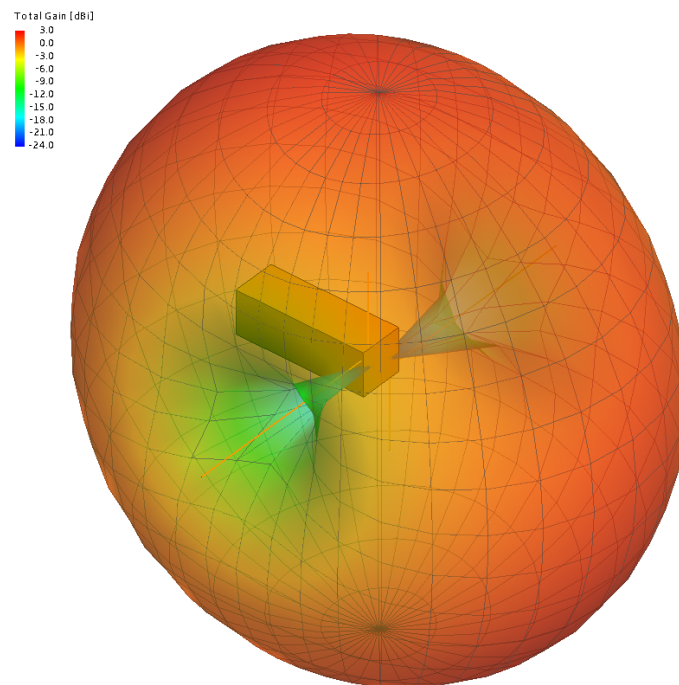


SeaHawk Platform antenna

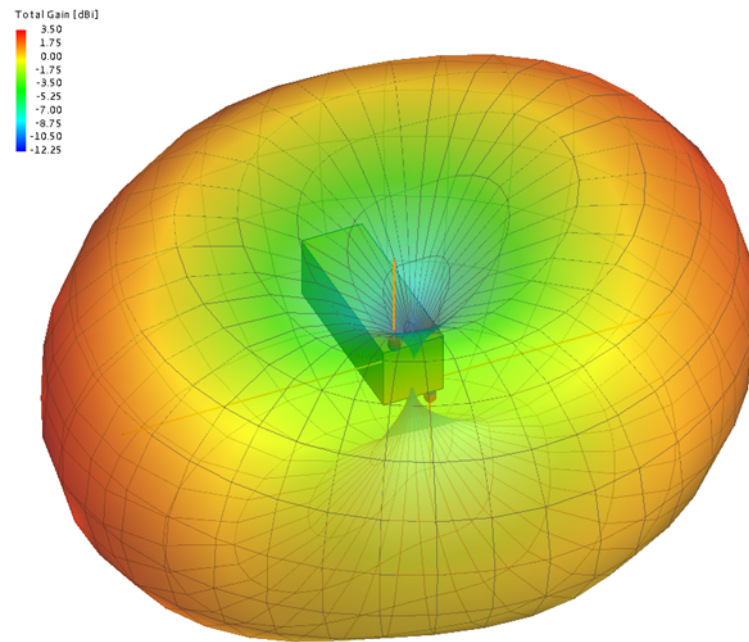
VHF/UHF:

- POLARIZATION **Linear**
- ORIENTATION (NB = NARROW BEAM) (EC=EARTH COVERAGE) **EC**
- ANTENNA GAIN **0dB**
- ANTENNA BEAM WIDTH **Omnidirectional**



VHF receive pattern

SeaHawk Platform antenna

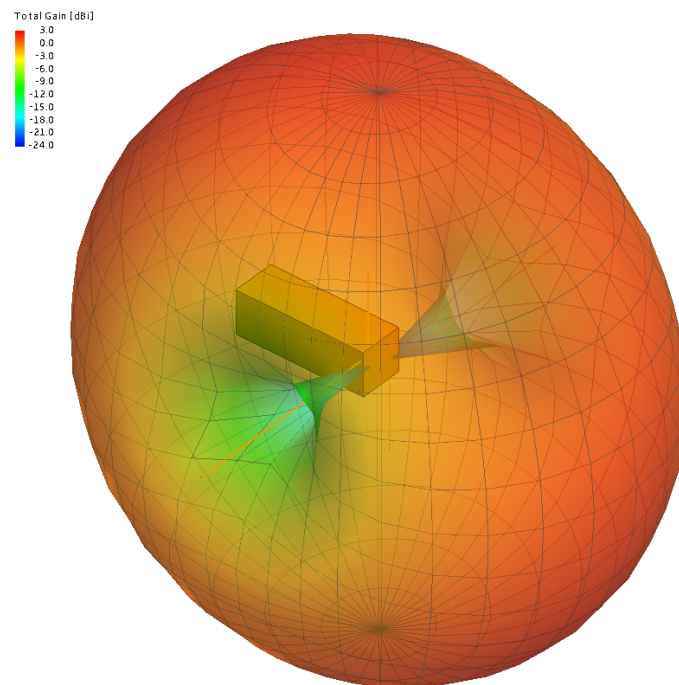


UHF transmit pattern

SeaHawk Platform antenna

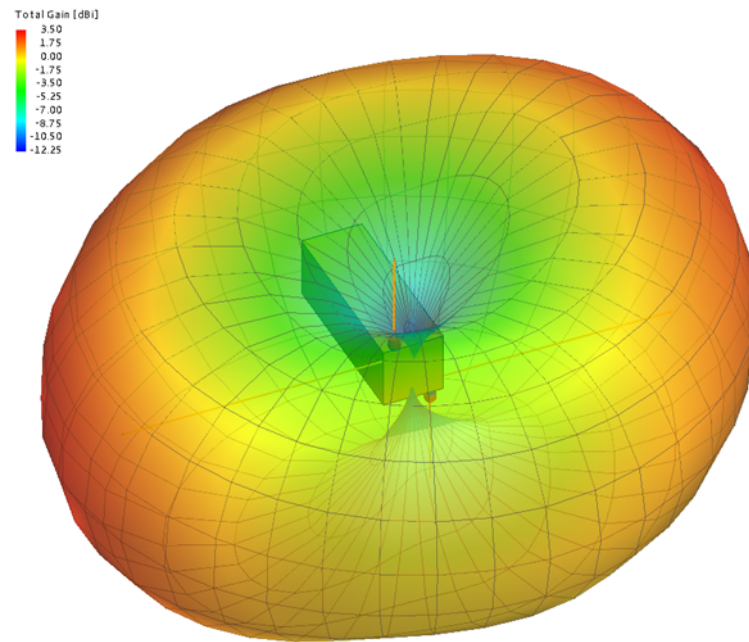
VHF/UHF:

- POLARIZATION **Linear**
- ORIENTATION (NB = NARROW BEAM) (EC=EARTH COVERAGE) **EC**
- ANTENNA GAIN **0dB**
- ANTENNA BEAM WIDTH **Omnidirectional**



VHF receive pattern

SeaHawk Platform antenna



UHF transmit pattern

SeaHawk Platform antenna

X-BAND

- POLARIZATION Right Hand Circular Polarization
- ORIENTATION (NB = NARROW BEAM) (EC=EARTH COVERAGE) NB
- ANTENNA GAIN 7.8dB peak
- ANTENNA BEAM WIDTH(3dB contour/HPBW): 41 degrees half angle , 82 degrees full beam

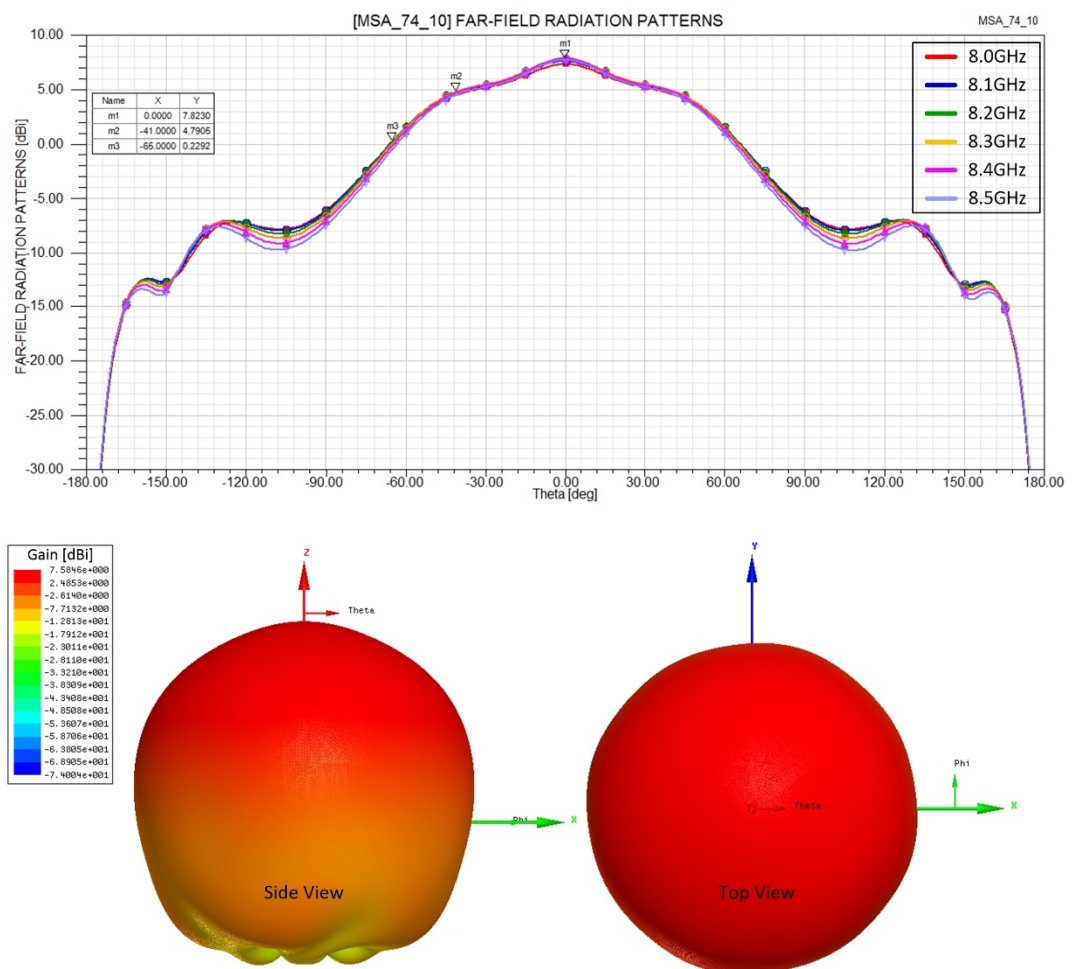


Figure 0-1: X-band transmit pattern