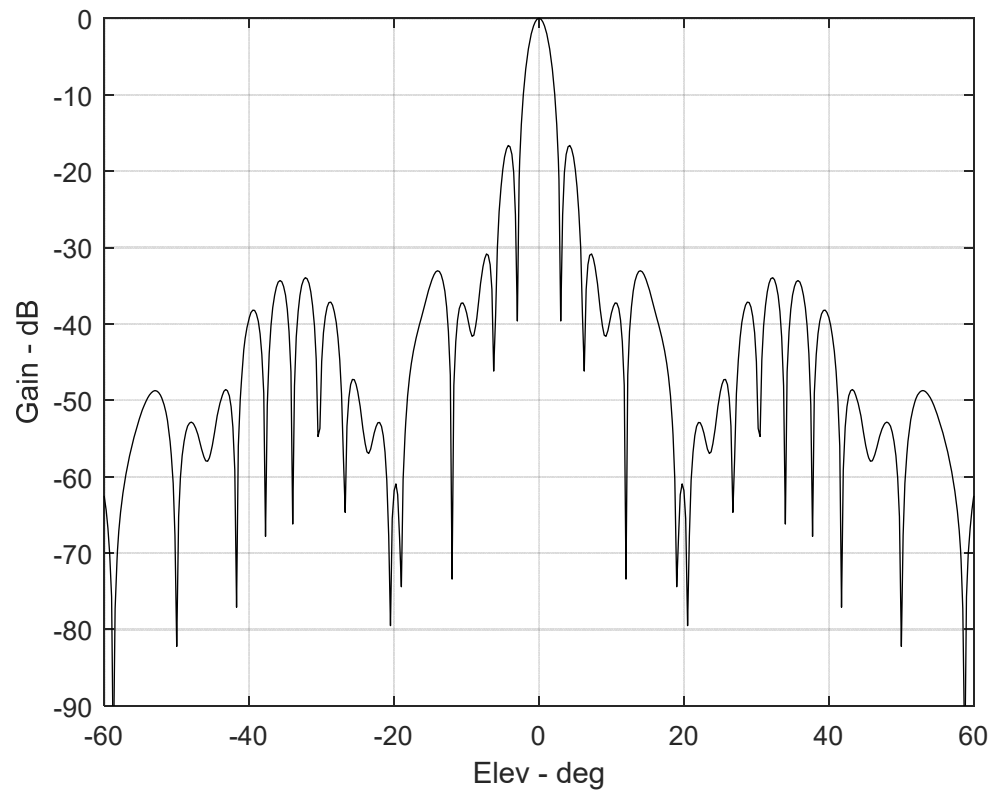
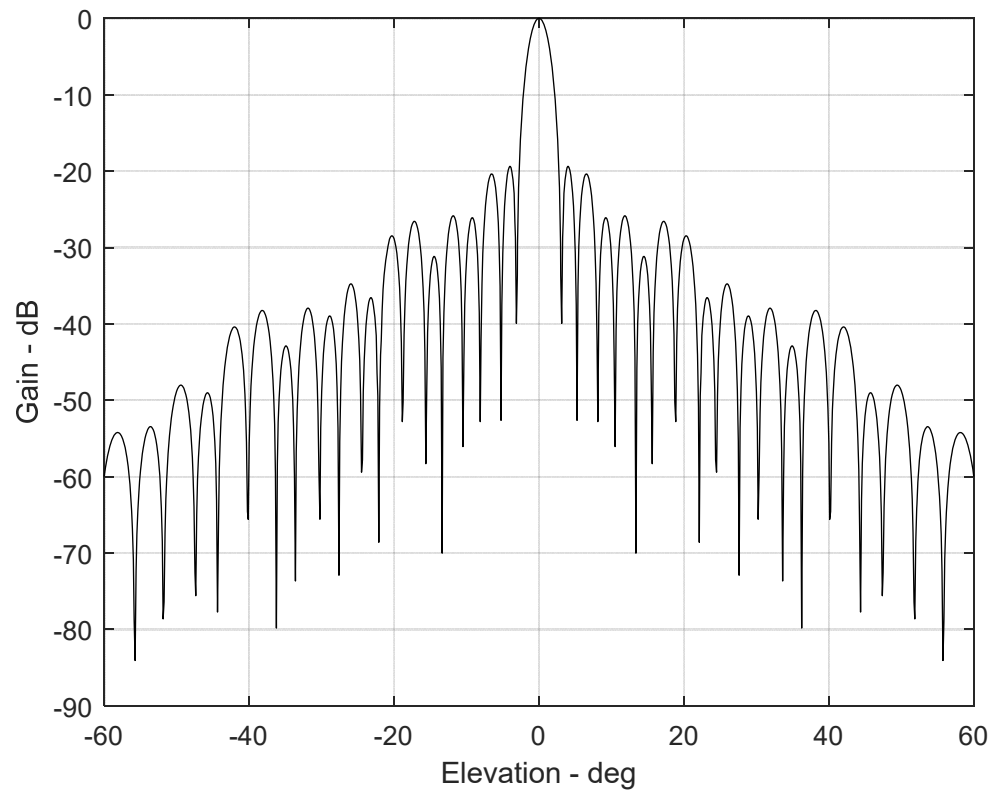


Broadside Beam Sidelobes for Horizontal Cut Tx Antenna

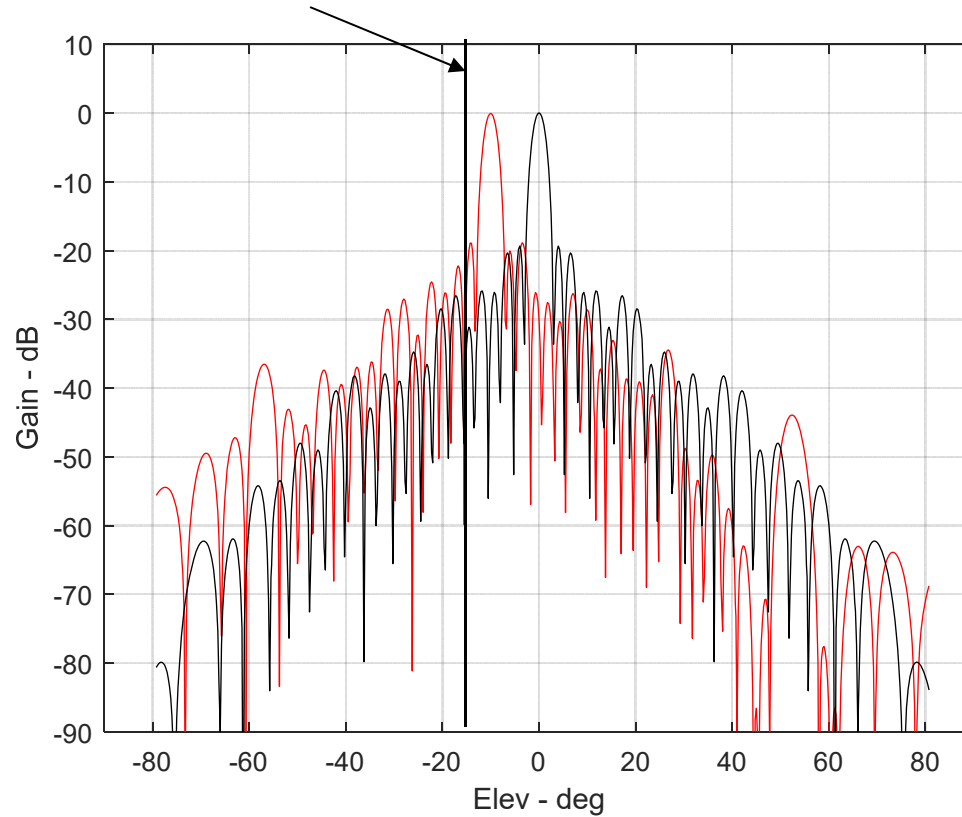


Main Beam and Sidelobes for Vertical Cut with Vertically Mounted Tx Antenna



Tx Antenna Broadside and -10° Scans Azim=0 (vertical) Cuts

Horizon is at 15° below
Antenna Boresight

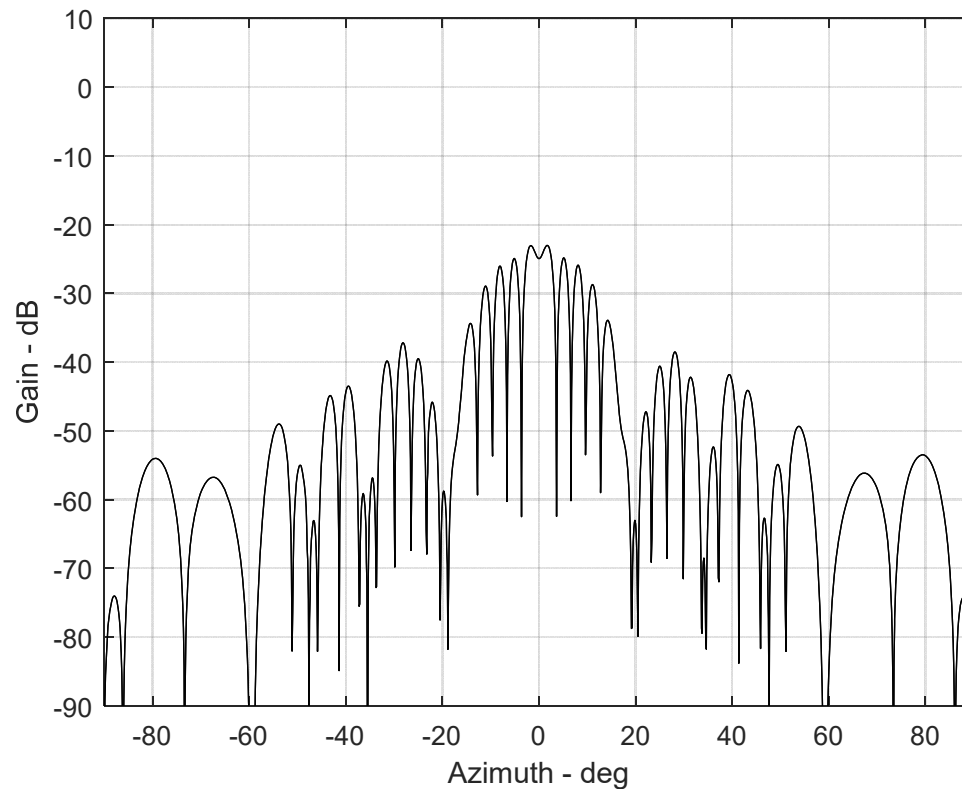


Broadside
Elev Scan = -10°

Tx Antenna Sidelobes at -10° Elevation Scan Horizon (Horizontal) Cut



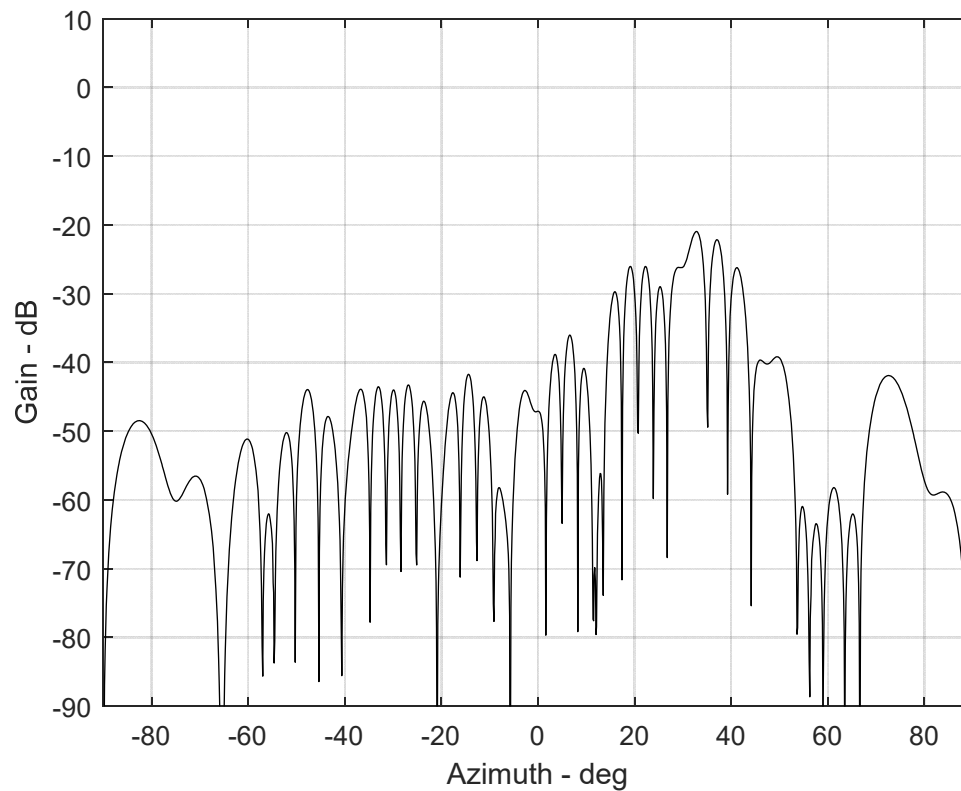
Horizon is at 15° below antenna boresight.
Beam is 10° below boresight.



Tx Antenna 30°Azim. Scan, -10° Elev. Scan Horizon (Horizontal) Cuts



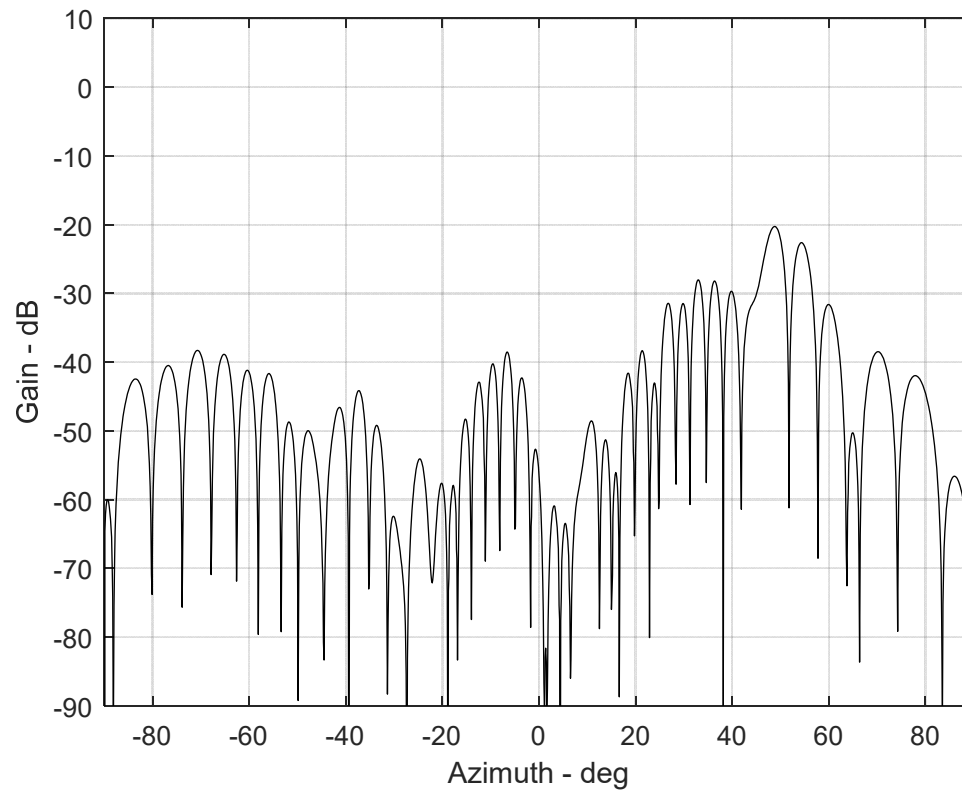
Horizon is at 15° below antenna boresight.
Beam is 10° below boresight.



Tx Antenna 45°Azim. Scan, -10° Elev. Scan Horizon (Horizontal) Cuts



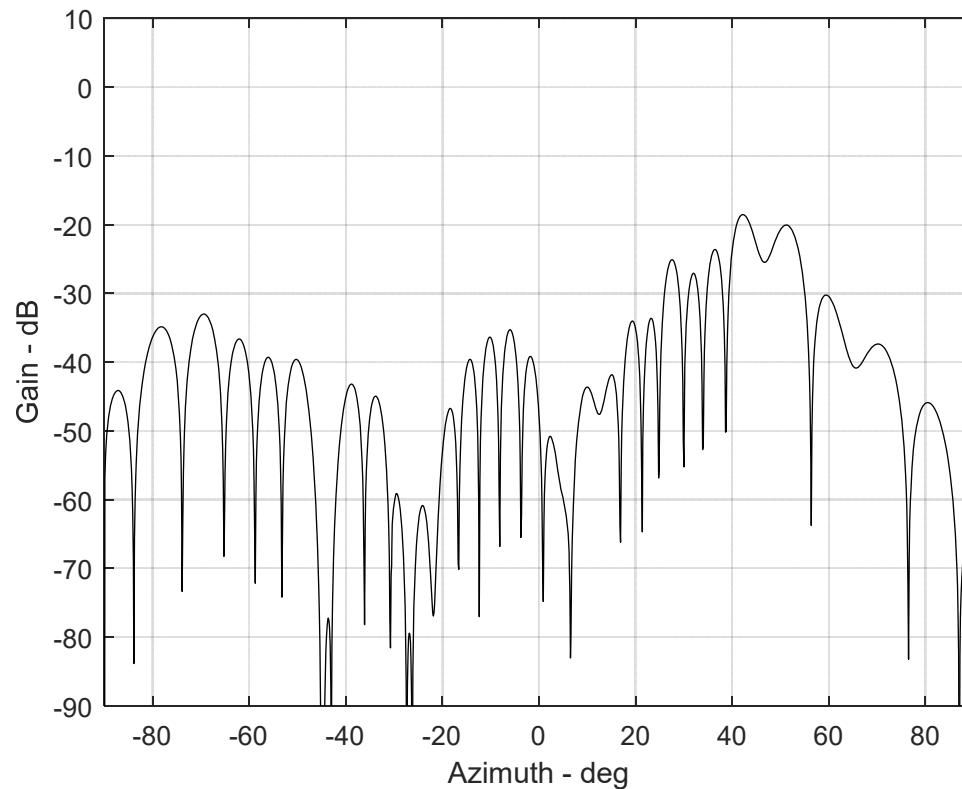
Horizon is at 15° below antenna boresight.
Beam is 10° below boresight.



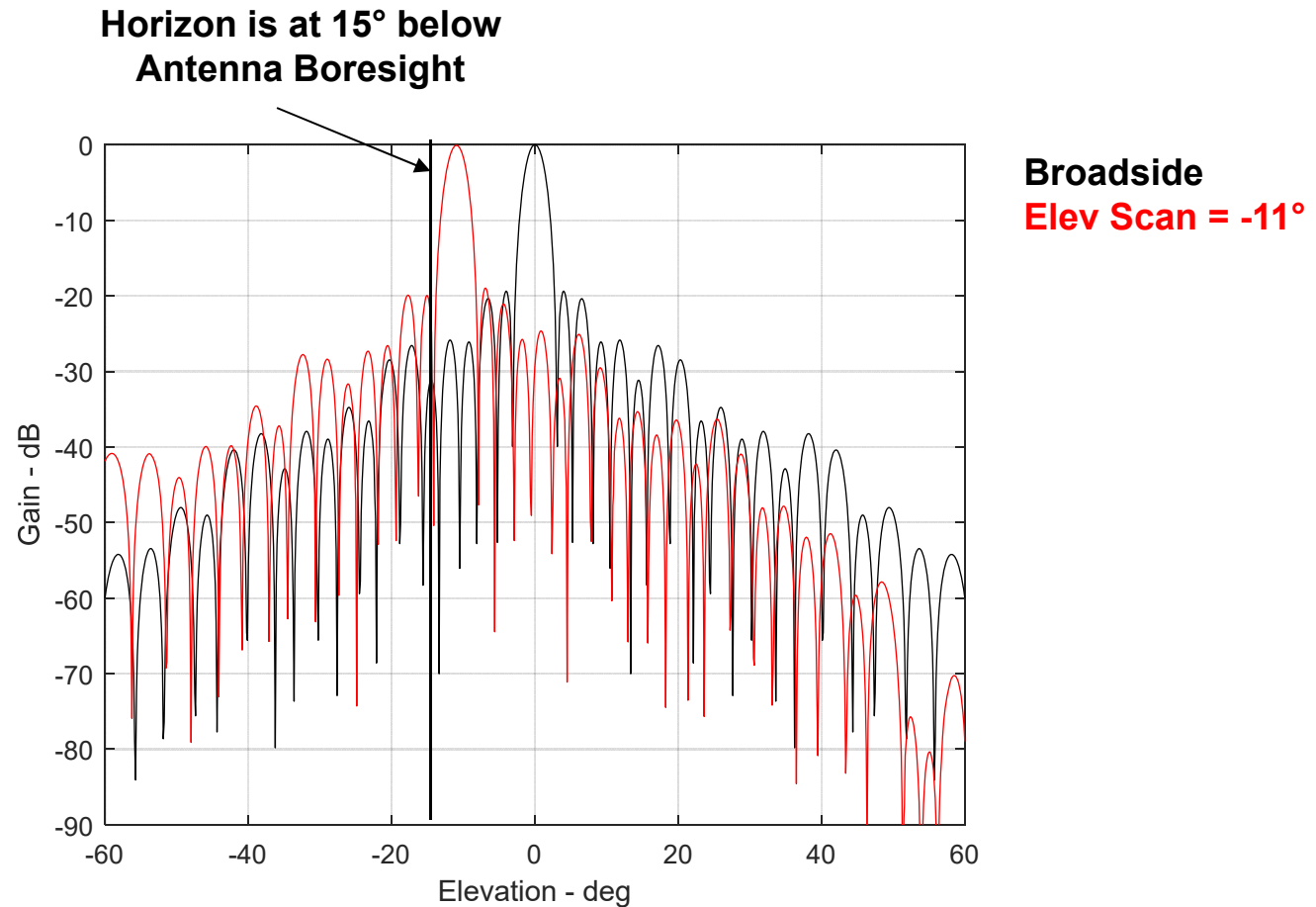
Tx Antenna at 45°Azim. Scan, -10° Elev. Scan Horizon (Horizontal) Cuts



Horizon is at 15° below antenna boresight.
Beam is 10° below boresight.



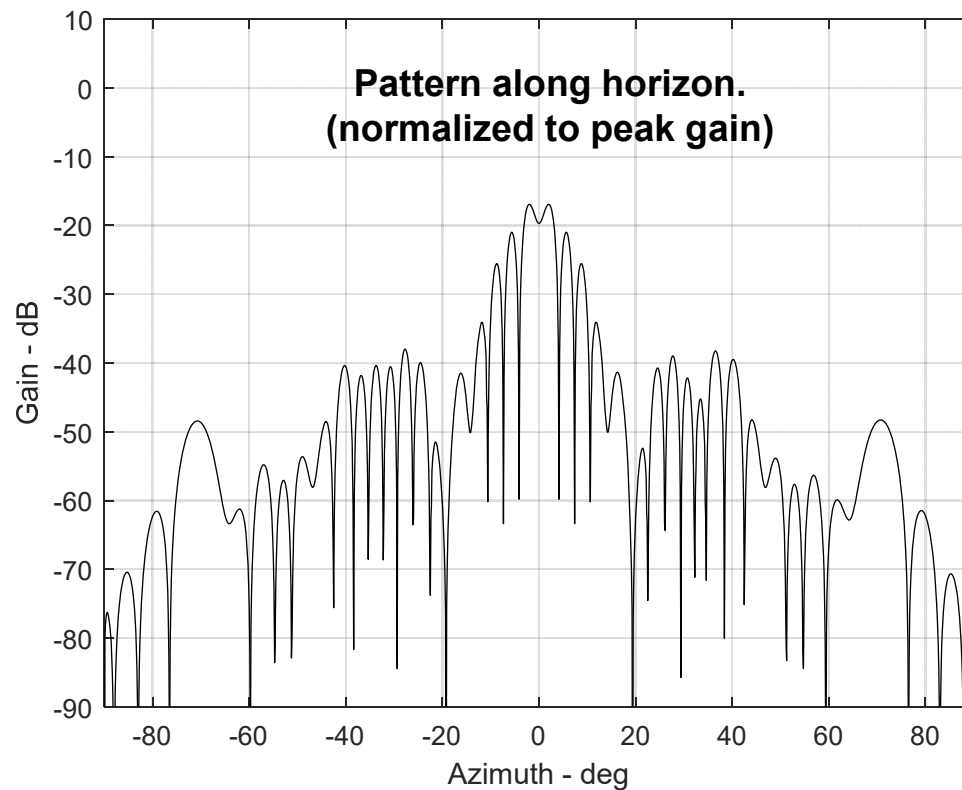
Tx Antenna Broadside and -11° Scans Azim=0 (vertical) Cuts



Tx Antenna Sidelobes at -11° Elevation Scan Horizon (Horizontal) Cut



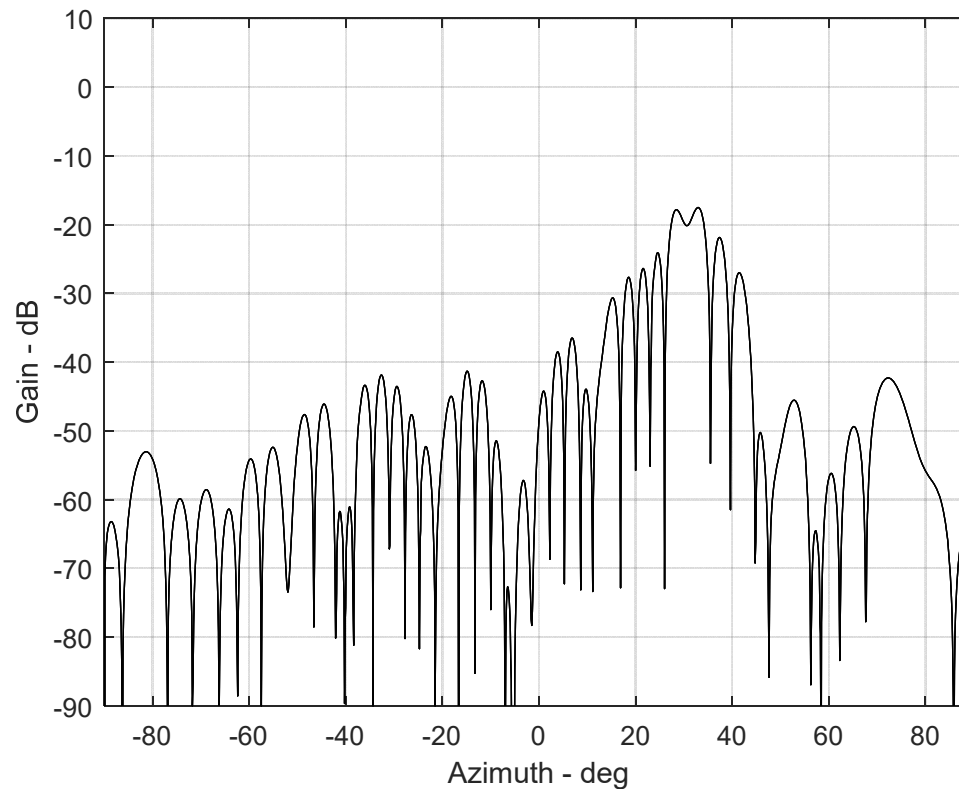
Horizon is at 15° below antenna boresight.
Beam is 11° below boresight.



Tx Antenna 30°Azim. Scan, -11° Elev. Scan Horizon (Horizontal) Cuts



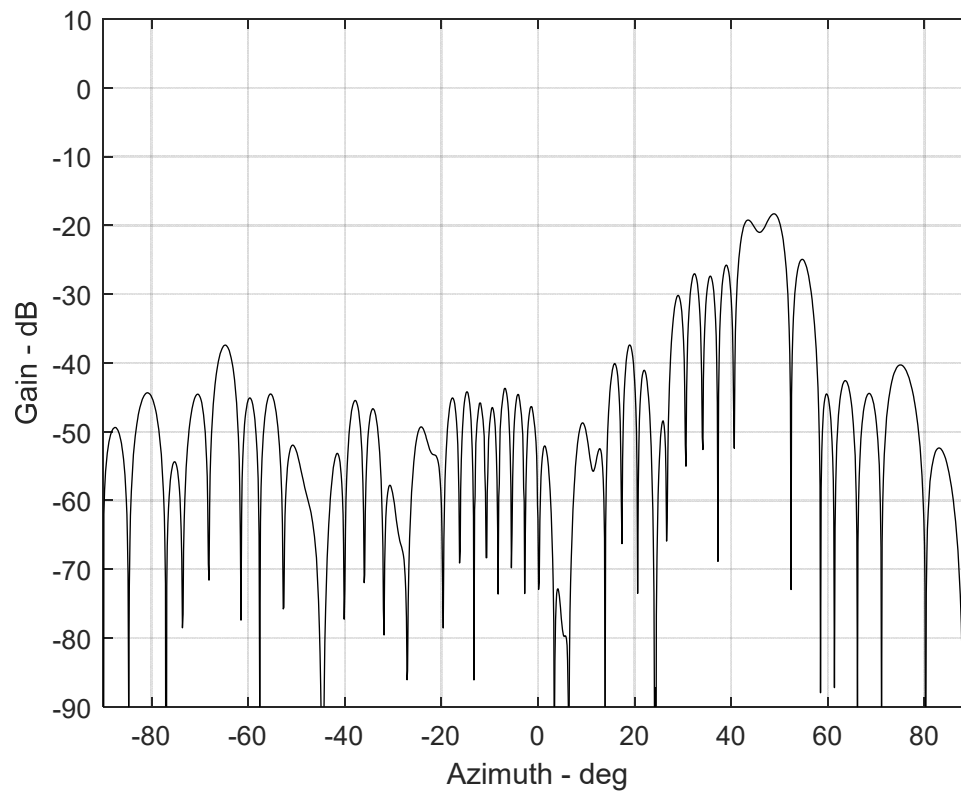
Horizon is at 15° below antenna boresight.
Beam is 11° below boresight.



Tx Antenna 45°Azim. Scan, -11° Elev. Scan Horizon (Horizontal) Cuts



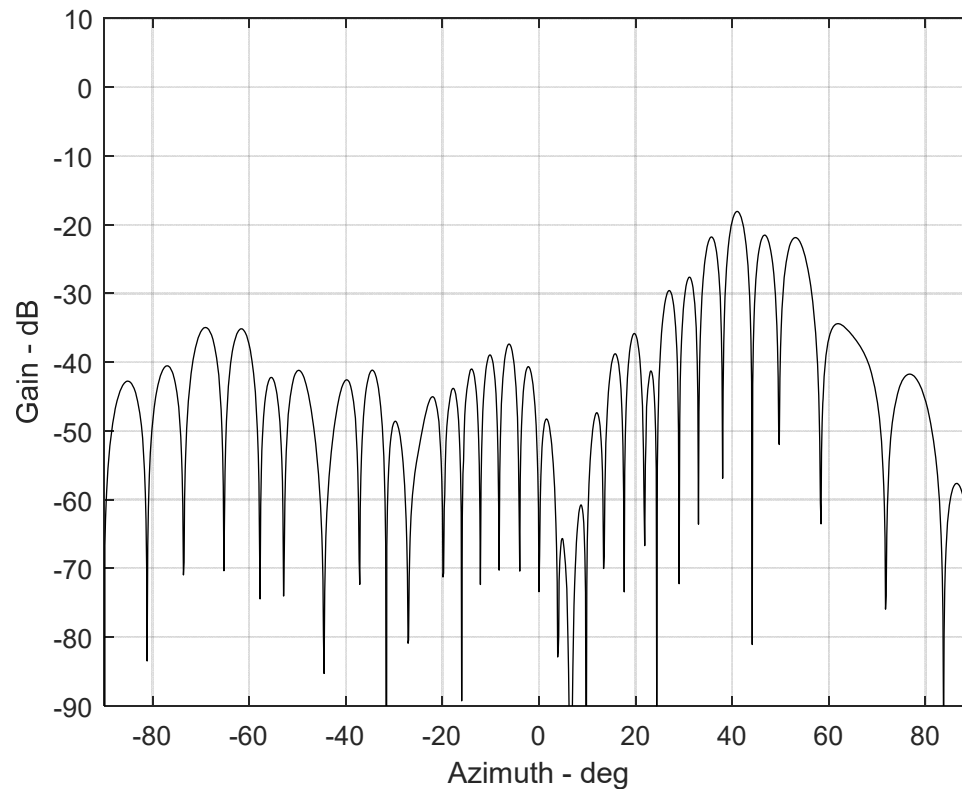
Horizon is at 15° below antenna boresight.
Beam is 11° below boresight.



Tx Antenna at 45°Azim. Scan, -11° Elev. Scan Horizon (Horizontal) Cuts

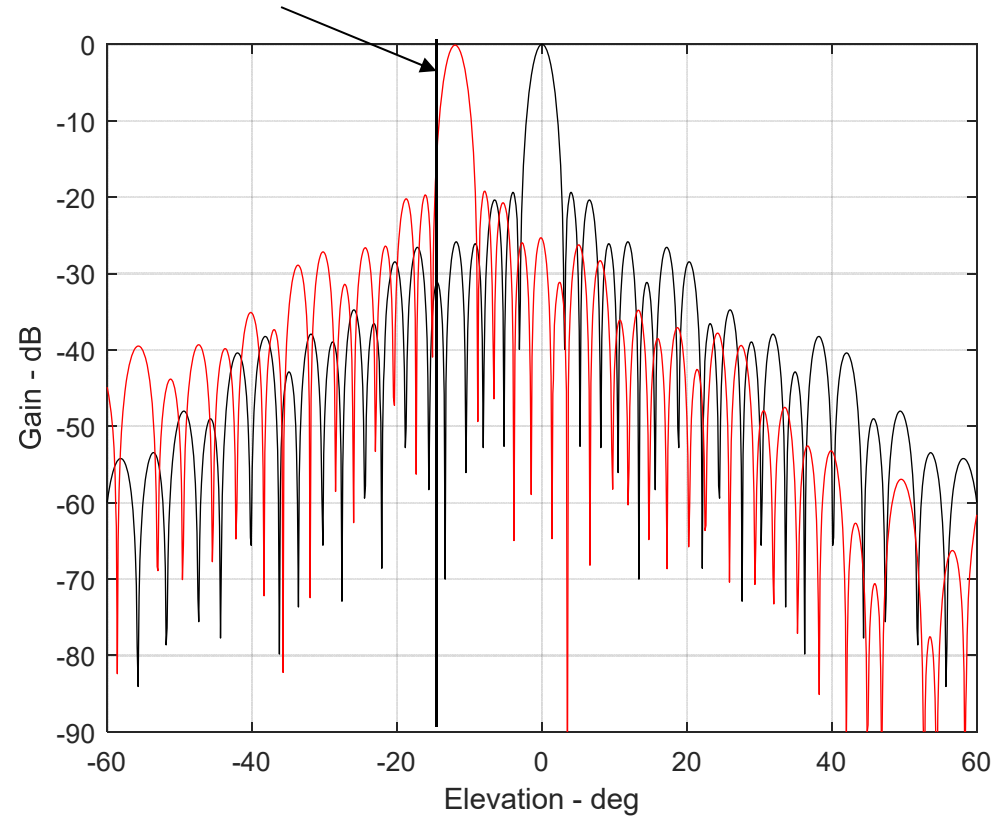


Horizon is at 15° below antenna boresight.
Beam is 11° below boresight.



Tx Antenna Broadside and -12° Scans Azim=0 (vertical) Cuts

Horizon is at 15° below
Antenna Boresight

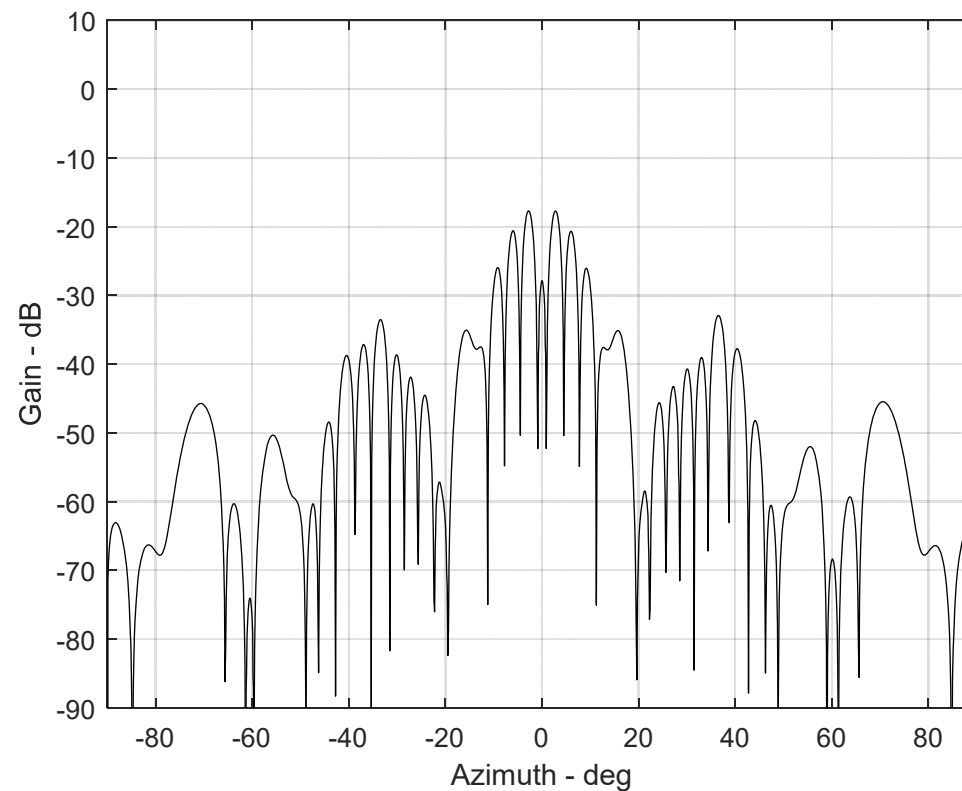


Broadside
Elev Scan = -12°

Tx Antenna Sidelobes at -12° Elevation Scan Horizon (Horizontal) Cut



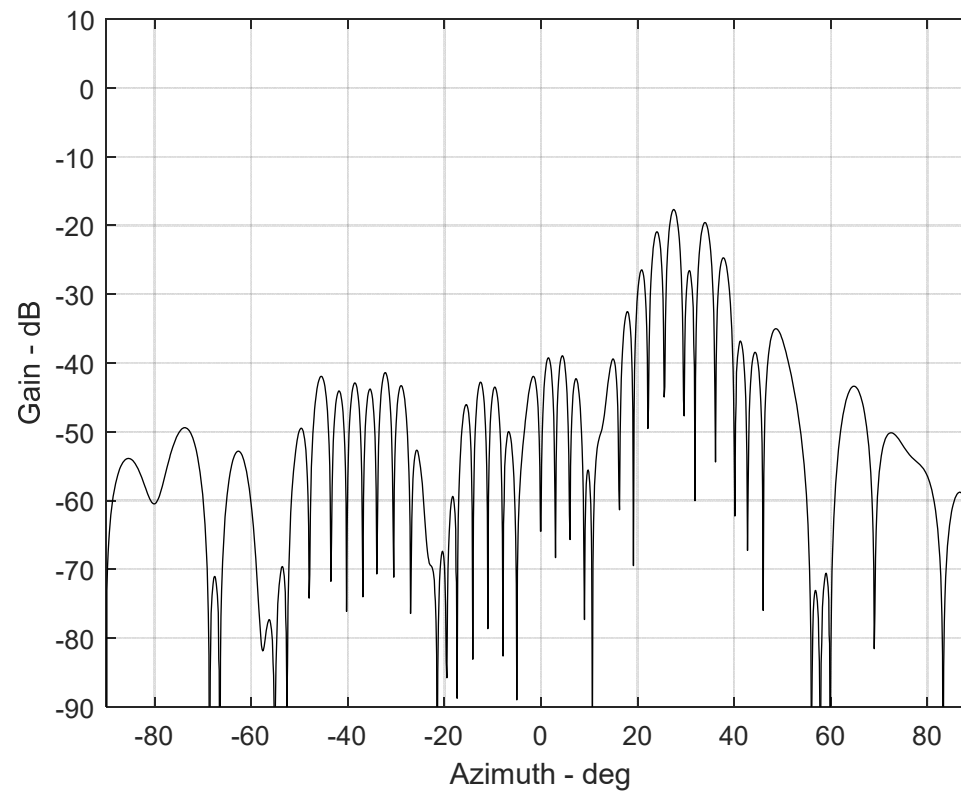
Horizon is at 15° below antenna boresight.
Beam is 12° below boresight.



Tx Antenna 30°Azim. Scan, -12° Elev. Scan Horizon (Horizontal) Cuts



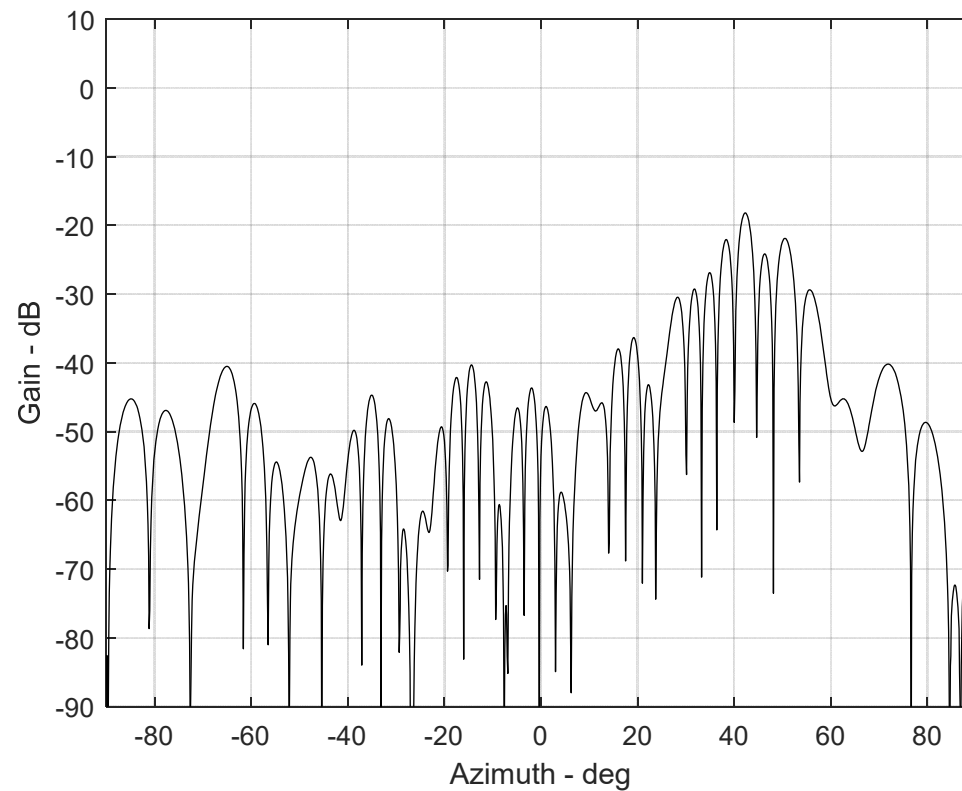
Horizon is at 15° below antenna boresight.
Beam is 12° below boresight.



Tx Antenna 45°Azim. Scan, -12° Elev. Scan Horizon (Horizontal) Cuts



Horizon is at 15° below antenna boresight.
Beam is 12° below boresight.



Tx Antenna at 45°Azim. Scan, -12° Elev. Scan Horizon (Horizontal) Cuts



Horizon is at 15° below antenna boresight.
Beam is 12° below boresight.

