Tx elevation pattern

Beamwidth ellipse = 1.63  Directivity = 35.69
No. of elements = 3562

Beamwidth circular = 1.81  Directivity = 35.24
No. of elements = 3280

Beamwidth square = 2.10  Directivity = 33.62
No. of elements = 2304

Full ellipse
Circular array
Square array