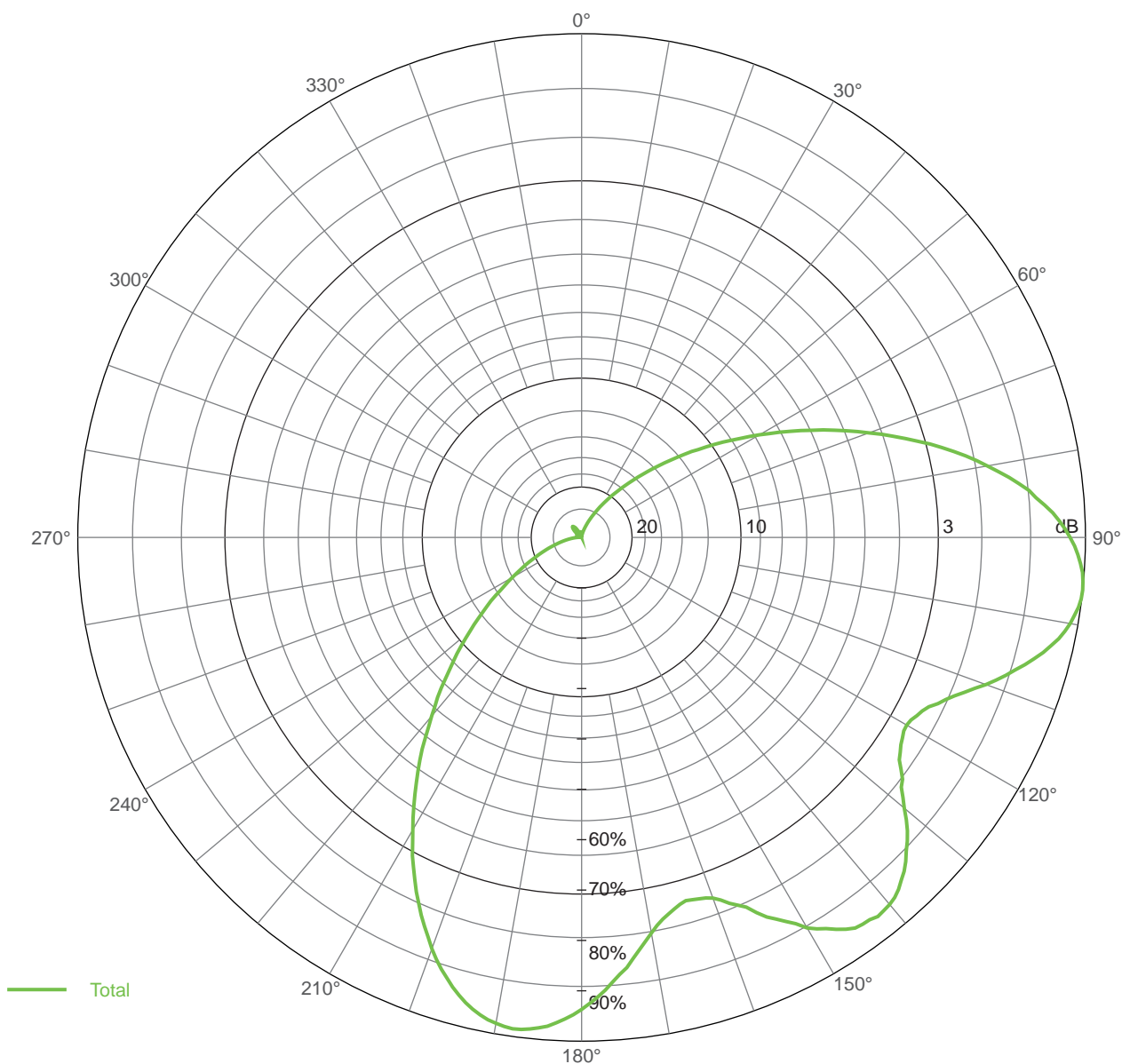


Azimuthal Pattern (polar-linear)



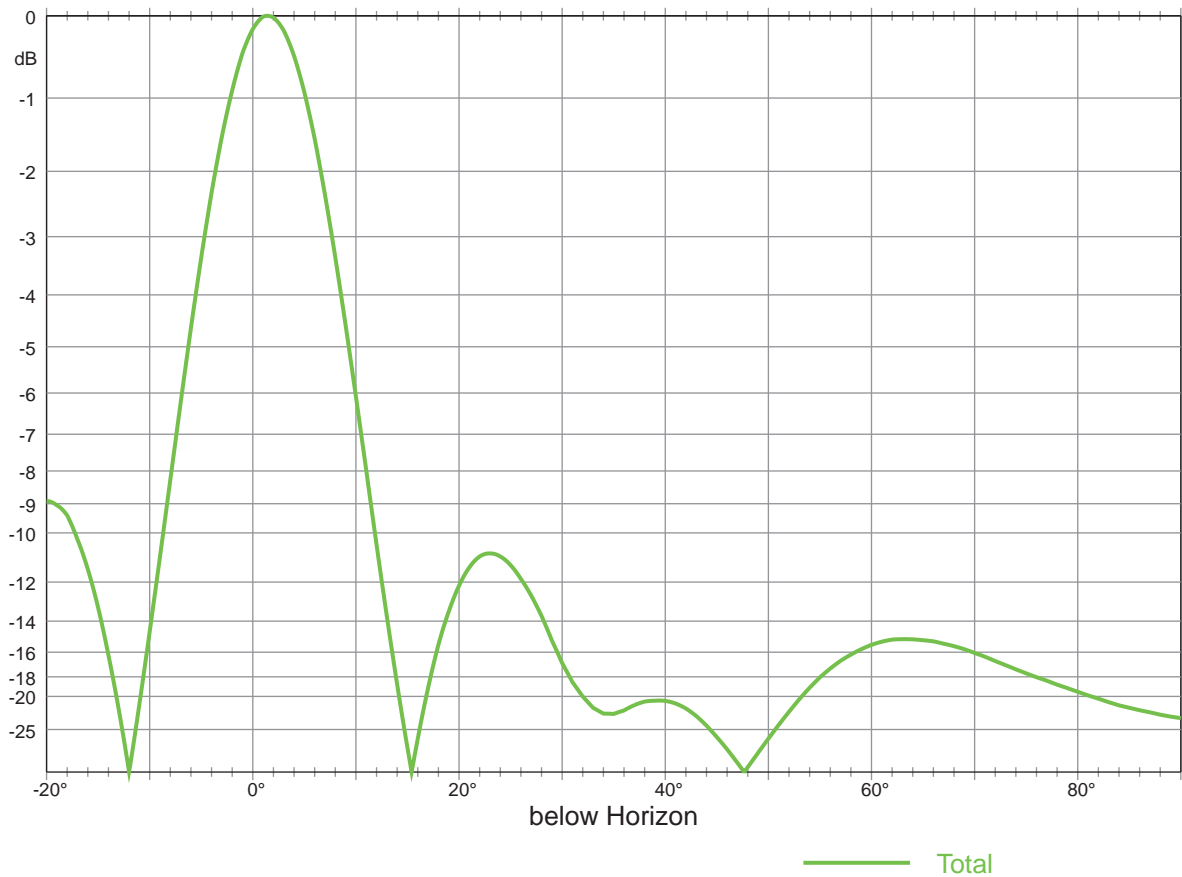
Antenna, Order No. 75010325
Panels per Bay: 4

Frequency: 551 MHz
Azimuthal Directivity: 4.96 dB
Directivity: 11.56 dBd

| No. | Azimuth [°] | Radius [mm] | Offset [mm] | Power | Phase [°] |
|-----|-------------|-------------|-------------|-------|-----------|
| 1 | 96 | 290 | 0 | 1 | 112 |
| 2 | 186 | 290 | 0 | 1 | 112 |
| 3 | 96 | 389 | -99 | 1 | 0 |
| 4 | 186 | 389 | 99 | 1 | 0 |

simulation with typical exactness of +/- 8% of max signal

Elevation Pattern (cartesian-linear)



Antenna, Order No. 75010325
Number of Bays: 2

Frequency: 551 MHz
Elevation Directivity: 6.6 dBd
Directivity: 11.56 dBd
Downtilt: 1.4°
Compensation: 65.27 %

| No. | Vert. Distance [mm] | Power | Phase [°] |
|-----|---------------------|-------|-----------|
| 2 | 1150 | 1 | 22 |
| 1 | 0 | 1 | 0 |

Subject to alternation