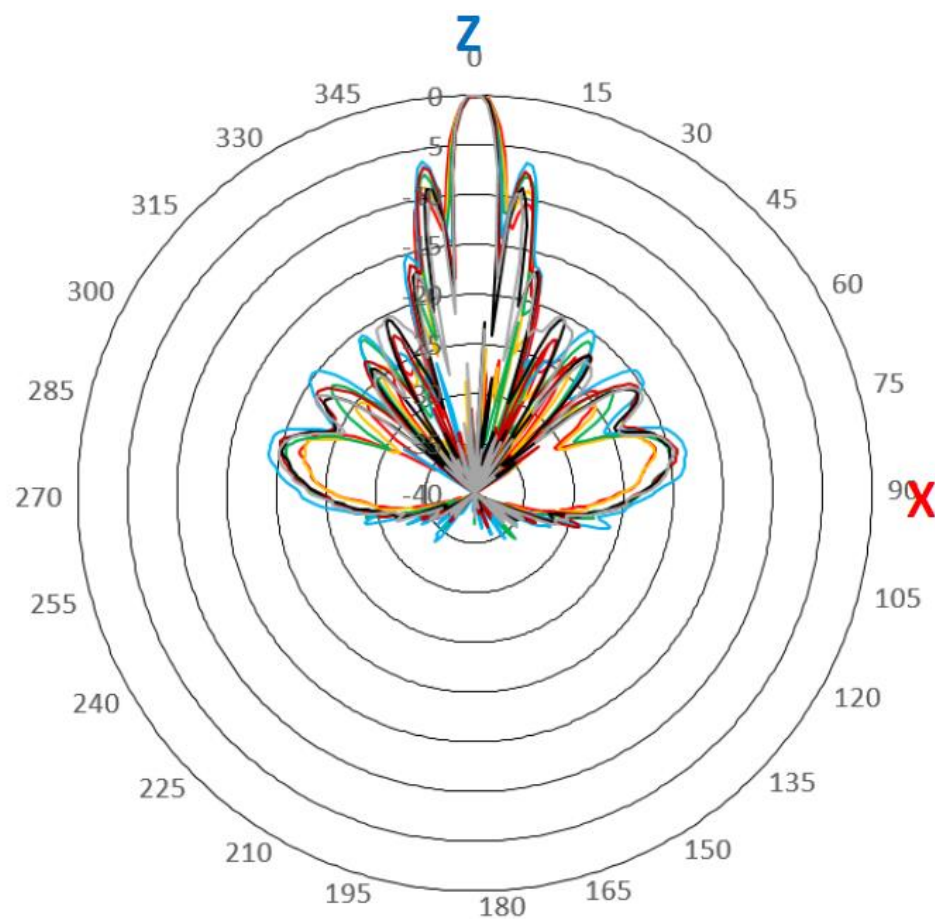


# Force 4625 Antenna Report

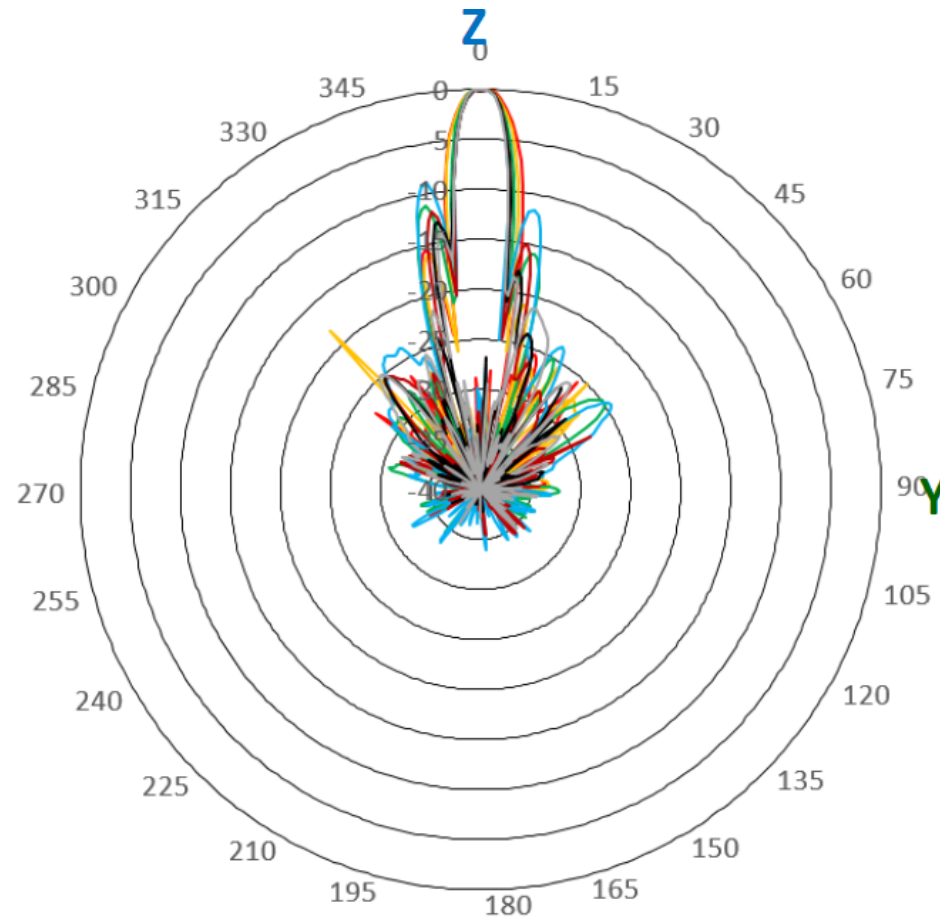
Cambium 10/31/2022

# ZX-Plane (Azimuth) 2D co-pol Normalized Gain Pattern – Port V



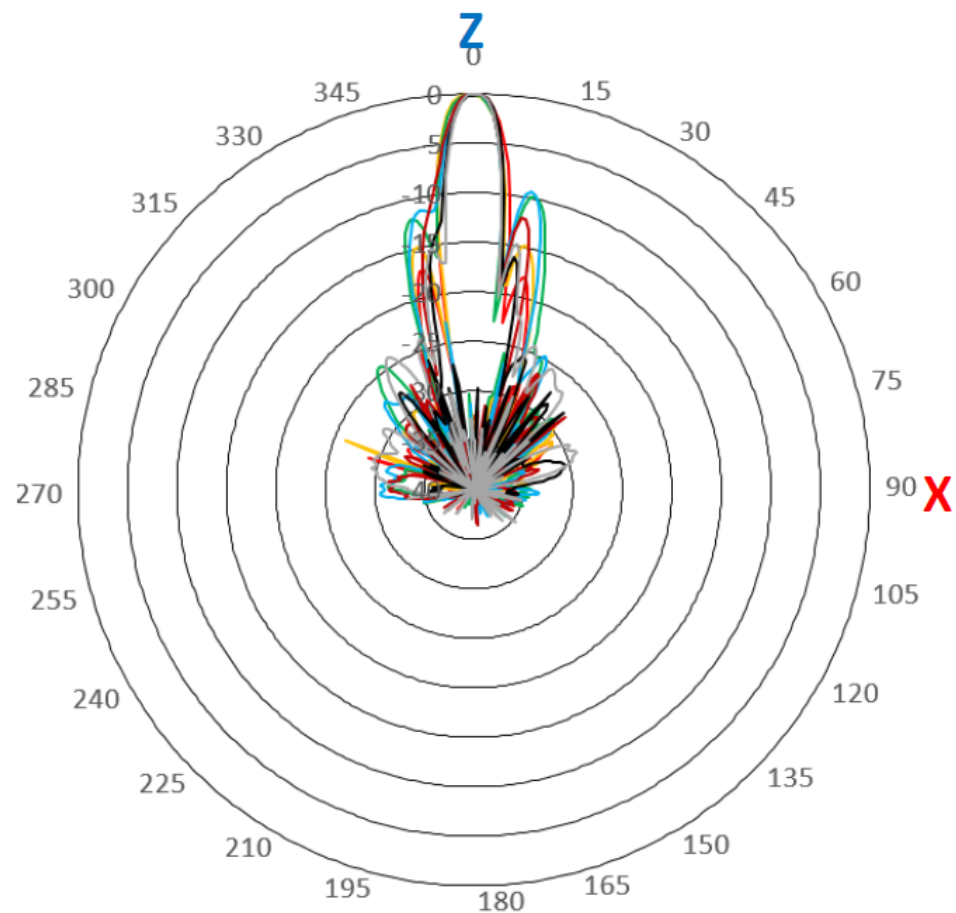
| Frequency (MHz) | 3dB Beamwidth (deg) | Trace Color |
|-----------------|---------------------|-------------|
| 5900            | 6.2                 | Red         |
| 6100            | 5.9                 | Yellow      |
| 6300            | 5.4                 | Green       |
| 6500            | 5                   | Cyan        |
| 6700            | 4.8                 | Brown       |
| 6900            | 4.9                 | Black       |
| 7100            | 4.8                 | Grey        |

# ZX-Plane (Elevation) 2D co-pol Normalized Gain Pattern – Port V



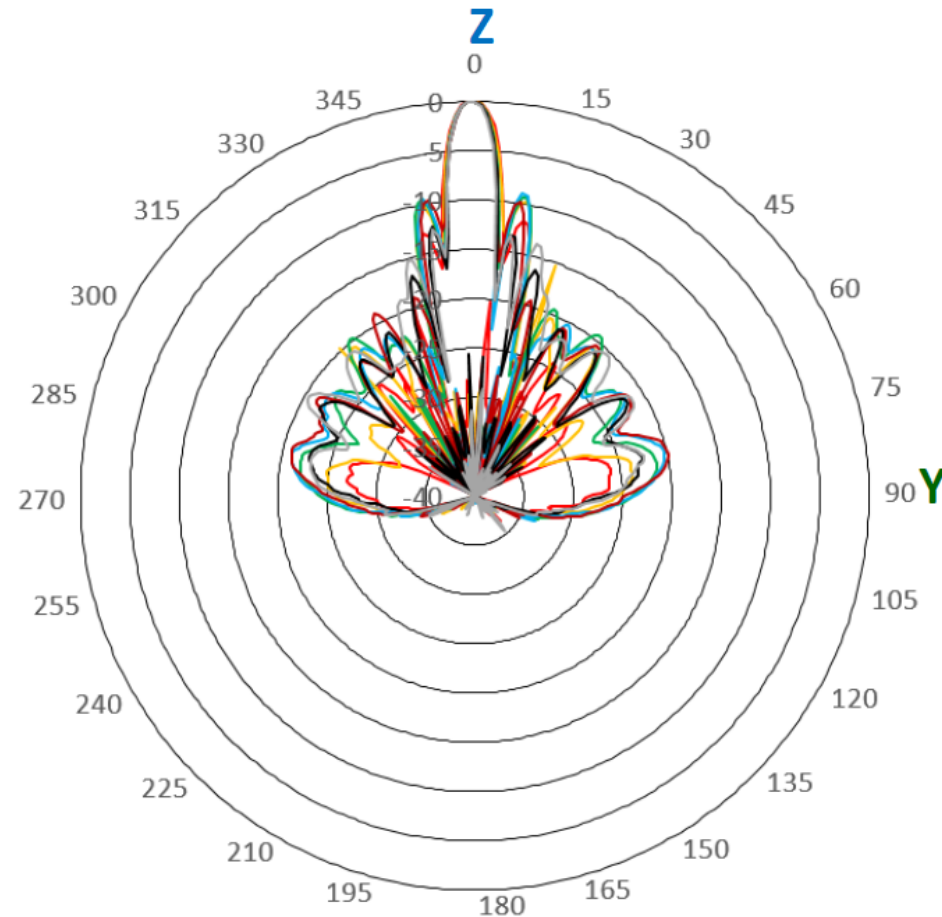
| Frequency (MHz) | 3dB Beamwidth (deg) | Trace Color |
|-----------------|---------------------|-------------|
| 5900            | 8.1                 | Red         |
| 6100            | 7.5                 | Yellow      |
| 6300            | 6.6                 | Green       |
| 6500            | 5.8                 | Cyan        |
| 6700            | 5.9                 | Brown       |
| 6900            | 5.9                 | Black       |
| 7100            | 5.6                 | Gray        |

# ZX-Plane (Azimuth) 2D co-pol Normalized Gain Pattern – Port H



| Frequency (MHz) | 3dB Beamwidth (deg) | Trace Color |
|-----------------|---------------------|-------------|
| 5900            | 7.7                 | Red         |
| 6100            | 7.1                 | Yellow      |
| 6300            | 6.7                 | Green       |
| 6500            | 6.3                 | Cyan        |
| 6700            | 6.5                 | Brown       |
| 6900            | 6.1                 | Black       |
| 7100            | 5.7                 | Gray        |

# ZX-Plane (Elevation) 2D co-pol Normalized Gain Pattern – Port H



| Frequency (MHz) | 3dB Beamwidth (deg) | Trace Color |
|-----------------|---------------------|-------------|
| 5900            | 6.3                 | Red         |
| 6100            | 5.9                 | Yellow      |
| 6300            | 5.6                 | Green       |
| 6500            | 5.4                 | Cyan        |
| 6700            | 5.2                 | Brown       |
| 6900            | 5.2                 | Black       |
| 7100            | 5                   | Gray        |

# Antenna Gain

| Frequency (MHz) | Port V (dBi) | Port H (dBi) |
|-----------------|--------------|--------------|
| 5900            | 24.72        | 25.38        |
| 6100            | 25.16        | 24.57        |
| 6300            | 24.46        | 23.89        |
| 6500            | 24.27        | 24.07        |
| 6700            | 25.3         | 24.57        |
| 6900            | 26.22        | 25.95        |
| 7100            | 24.28        | 24.59        |

