

# FCC 0077-EX-CM-2020 Exhibit 3 – Directional Antenna Characteristics for S Band used on the Ground

## S-Band Antenna, LA390-724 with The LA40-N Adapter:

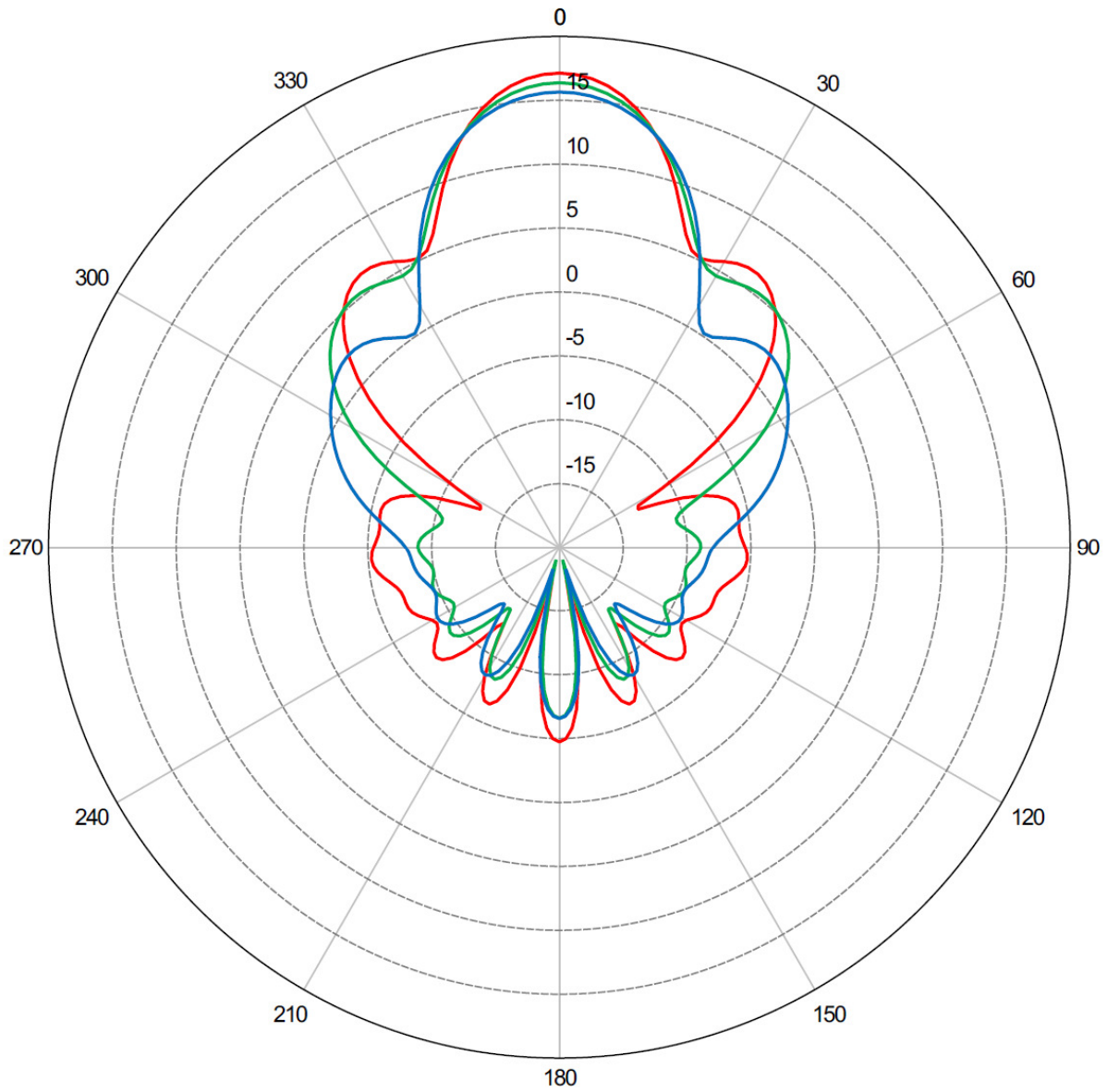
### Antenna Characteristics:

Is the antenna directional	Yes
Width of Beam at half power point (Horizontal)	25 degrees
Width of Beam at half power point (Elevation)	28 degrees
Antenna Gain	16 dB
Orientation in horizontal plane (Degrees from True North)	0 Degrees
Orientation in vertical plane (Degrees from Horizontal)	0 Degrees
Antenna Location	On the ground
Antenna Height	Less than 6 meters above the ground

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## Antenna Polars:

### Elevation Polar



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## Horizontal Polar

