

**Name:** APSKOR637V01**Description:****Type:** Space station, Receiving and Transmitting

Space station antenna pattern submitted by KOR for CAS500-5 network. Gmax is 35 dB.

**Required Input Parameters:**

gain

**Validation Warnings/Errors:** None**Co-Polar Component:**

$$\begin{array}{ll} G = 35 - 0.478 \theta^2 & 0^\circ \leq \theta < 3.6^\circ \\ G = 32.4 - \theta & 3.6^\circ \leq \theta < 45^\circ \\ G = -5 & 45^\circ \leq \theta \leq 180^\circ \end{array}$$