Name: APENOR209V01
Type: Earth station, Transmitting

Required Input Parameters: None
Validation Warnings/Errors: None

Pattern Information:
Based on a pattern submitted by NOR administration for the antenna of 3m diameter and 0.7 efficiency, in 1995. Maximum antenna gain is fixed to 50.7 dB.

Co-Polar Component:

\[
G = 50.7 - 42.3 \varphi^2 \quad \text{for} \quad 0^\circ \leq \varphi < 0.634^\circ \\
G = 30.7 \quad \text{for} \quad 0.634^\circ \leq \varphi < 0.854^\circ \\
G = 29 - 25 \log \varphi \quad \text{for} \quad 0.854^\circ \leq \varphi < 48^\circ \\
G = -10 \quad \text{for} \quad 48^\circ \leq \varphi \leq 180^\circ 
\]