Name: APENOR207V01

Type: Earth station, Transmitting

Required Input Parameters: None

Validation Warnings/Errors: None

Pattern Information:
Based on a pattern submitted by NOR administration for the BIFROST terminal type I transmitting earth antenna (3m antenna, antenna efficiency is 0.7) in 1995. Maximum antenna gain is fixed to 50.7 dB.

Co-Polar Component:

\[ G = 50.7 - 42.3 \varphi^2 \quad \text{for} \quad 0^\circ \leq \varphi < 0.634^\circ \]
\[ G = 33.7 \quad \text{for} \quad 0.634^\circ \leq \varphi < 0.649^\circ \]
\[ G = 29 - 25 \log \varphi \quad \text{for} \quad 0.649^\circ \leq \varphi < 48^\circ \]
\[ G = -10 \quad \text{for} \quad 48^\circ \leq \varphi \leq 180^\circ \]