Name: **APELUX252V01**

Type: Earth station, Receiving and Transmitting

Description:

Earth station antenna pattern submitted by LUX for network JARVIS. Maximum antenna gain is fixed to 18.5 dB.

Required Input Parameters:

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Validation Warnings/Errors: None

Co-Polar Component:

$G = 18.5 – 0.0025 \, (2.8 \, \varphi)^2$ for $0° \leq \varphi < 22°$

$G = 9. – 0.07 \, (\varphi – 22)$ for $22° \leq \varphi \leq 180°$

If $G < 0$ then $G = 0$