

Name: APS__G623V01**Description:****Type:** Space station, Receiving and Transmitting

Space station antenna pattern submitted by G for JUKEBOX network. Gmax is 5.5 dB.

Required Input Parameters:

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

$$G = 5.5 - 0.000004 \varphi^3 - 0.0004 \varphi^2 - 0.0376 \varphi \quad \text{for } 0^\circ \leq \varphi \leq 165^\circ$$

$$G = -30 \quad \text{for } 165^\circ < \varphi \leq 180^\circ$$