

Name: APEUAE231V01**Description:****Type:** Earth station, Transmitting

Earth station antenna pattern submitted by UAE for transmitting 8 dB earth station.

Required Input Parameters:

gain

Validation Warnings/Errors:

Type	Message
Error	Gmax () is less than 8 (). Gmax is too low.

Co-Polar Component:

$G = G_{\max}$	for	$0^\circ \leq \varphi < 14^\circ$
$G = -0.003 \varphi^2 + 8.588$	for	$14^\circ \leq \varphi < 20^\circ$
$G = -0.0071 \varphi^2 + 10.228$	for	$20^\circ \leq \varphi < 34^\circ$
$G = -0.705 \varphi + 25.9904$	for	$34^\circ \leq \varphi < 38.5^\circ$
$G = -1.5121$	for	$38.5^\circ \leq \varphi < 65^\circ$
$G = -0.13526 \varphi + 7.2798$	for	$65^\circ \leq \varphi < 76^\circ$
$G = -3$	for	$76^\circ \leq \varphi \leq 180^\circ$