

Axis quantization	$\theta_{\min}$	$\varphi_{\min}$	$H_{\min}(\theta, \varphi)$
1-axis	0.388129	0.870273	1.20252
2-axis	1.20633	1.23616	1.3813
2-axis	1.10378	-0.982924	2.95957
3-axis	1.12352	0.282792	1.36095