Axis quantization	θ_{min}	φ_{min}	$H_{min}(\theta,\varphi)$	I_1	I_2	I_3
1-axis	0.388129	0.870273	1.20252	16.1983	4.2693	5.06331
2-axis	1.20633	1.23616	1.3813	15.4435	6.23792	5.36993
2-axis	1.10378	-0.982924	2.95957	-13.0028	7.87895	8.66605
3-axis	1.12352	0.282792	1.36095	15.1518	4.40281	7.56889