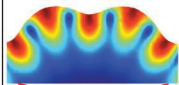
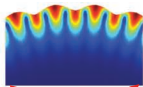


Simulation
Top view
at equator

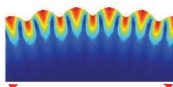
58 MHz
 $M_a = 10$



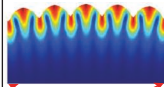
174 MHz
 $M_a = 34$



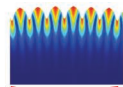
376 MHz
 $M_a = 73$



718 MHz
 $M_a = 143$



1.408 GHz
 $M_a = 284$



Experimental
observation

