



A

ASTER Block 1
Ku band
antenna beam

ASTER Block 1 NT
Ka band
antenna beam

B

A - Aster 30 Block 1NT is equipped with a Ka band radar seeker. In this very high frequency band, the seeker's antenna concentrates its energy in a much narrower beam than with a Ku band seeker such as that of Aster 30 Block 1. In being able to detect targets at a much greater distance, the Ka band seeker allows Aster 30 Block 1NT to intercept much faster targets and, in particular, longer range ballistic missiles.

B - In addition, the Ka band seeker, thanks to its better angular precision, allows the movements of the target to be followed more precisely which enables the Aster 30 Block 1NT missile to significantly increase the probability of destroying the target by direct impact.