

TABLE 7-6 PRINCIPLE CHARACTERISTICS OF CURRENT SPACEBORNE  
RADARS

RADAR	FREQUENCY	FUNCTION	MODE
Gemini	L-band	Rendezvous	Transponder
Appollo	X-band	Rendezvous	Transponder
STS	Ku-band	Rendezvous	Transponder + Passive

- (1) Rely on transponder for long-medium range detection and tracking
- (2) STS Limited to 19 nm against 6.3 m<sup>2</sup> passive target.