

BADR-6 Main Data			
Launch Date	Jul. 07, 2008		
Orbital Location	26° East		
Design Lifetime	15 Years		
Manufacturer	EADS-Astrium		
Platform	Eurostar-E2000+		
Launcher	Ariane V-ECA by Arianespace		
Frequency Bands	Ku-band / BSS	Uplink	17.30-18.10 GHz
		Downlink	11.70-12.50 GHz
	C-band	Uplink	5.925-6.425 GHz
		Downlink	3.700-4.200 GHz
No of Transponders	Ku-band / BSS	20 (BOL) or 16 (EOL)	
	C-band	30 TWTAs for 24 Active Channels	
Polarization	Ku-band / BSS	Linear - Horizontal or Vertical	
	C-band	Circular - RHCP or LHCP	
X-Polarization Isolation	Ku-band / BSS	30 dB	
	C-band	30 dB	
Transponders Bandwidth	Ku-band / BSS	34 MHz	
	C-band	36 MHz	
Typical G/T	4 dB/K		
Typical EIRP	Ku-band / BSS	52.1 dBW	
Typical G/T	1.2 dB/K		
Typical EIRPs	C-band	41 dBW (Medium Power) & 43.5 dBW (High Power)	