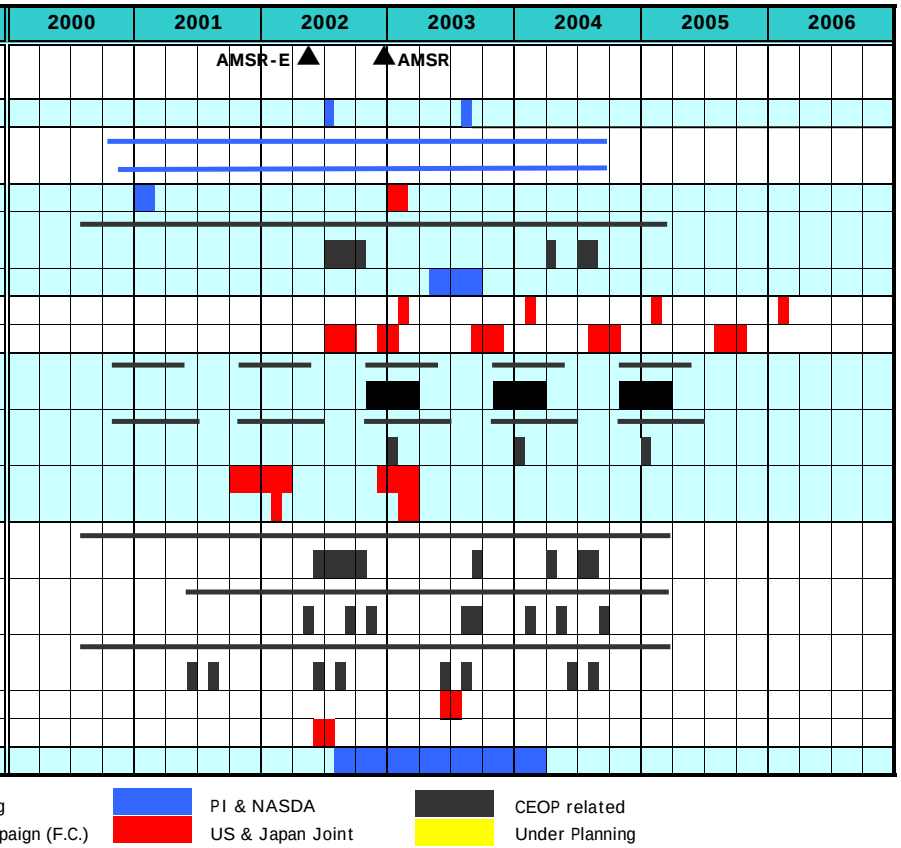
AMSR/AMSR-E Related Validation Campaigns

As of Apr, 2004

Parameters	Field Location	Type of Measurement
Launch Date		
Brightness Temp.	Pacific Ocean	Airborne Microwave Radiometer underflight
Water Vapor / Cloud Liquid Water	Hegurajima Island	Up-looking microwave radiometer
	Minami-Daito Island	Up-looking microwave radiometer
Precipitation	Wakasa Bay	3D doppler radar, Gauge, Particle obs, Airborne radiometers (2003)
	Tibetan Plateau, Tibet	Automatic Weather Station
		Gauge, Disdrometer, Micro rain radar
	Miyako and Yaeyama Islands	Rain-gauge cluster, Operational 3D radar
Sea Ice	Sea of Okhotsk	Airborne radiometers, In-situ
	Antarctic Ocean	Airborne radiometers, In-situ
Snow Water Equivalent	Yakutsk, Russia	Automatic snow depth measurement
		Snow (temp, depth, density), Radiation thermometer, Spectrometer
	Tibetan Plateau, Tibet	Automatic snow depth measurement
		Snow (temp, depth, density), Radiation thermometer, Spectrometer
	Colorado, USA	Ground-Based Microwave Radiometer
		Airborne observation
Soil Moisture	Tibetan Plateau, Tibet	Automatic Weather Station (including soil moisture measurement)
		Soil sampling, TDR, Spectrometer, Roughness, LAI
	Nakhon Ratchasima, Thailand	Automatic Weather Station (including soil moisture measurement)
		Soil sampling, TDR, Roughness, LAI
	Mongolian Plateau, Mongolia	Automatic Weather Station (including soil moisture measurement)
		Soil sampling, TDR, Spectrometer, Roughness, LAI, MW radiometer
	Oklahoma, USA	Airborne radiometers, Soil sampling, TDR, Spectrometer
	Iowa, USA	Airborne radiometers, Ground-Based Microwave Radiometer
Water Vapor etc.	Pacific Ocean	Microwave Radiometer, Radiosonde, Micro rain radar