

Absolute Radiation Calibration Coefficient of SuperView-1 ($W \cdot m^{-2} \cdot sr^{-1} \cdot \mu m^{-1}$)

Sensor	Pan		B		G		R		N	
	Gain	Bias	Gain	Bias	Gain	Bias	Gain	Bias	Gain	Bias
SV1-01	0.16865	0	0.16357	0	0.14693	0	0.14100	0	0.09356	0
SV1-02	0.13685	0	0.14329	0	0.12736	0	0.14701	0	0.08881	0
SV1-03	0.14936	0	0.14141	0	0.14038	0	0.14167	0	0.09408	0
SV1-04	0.14420	0	0.14352	0	0.13907	0	0.14246	0	0.08925	0

Absolute Radiation Calibration Coefficient of SuperView-2 ($W \cdot m^{-2} \cdot sr^{-1} \cdot \mu m^{-1}$)

	Pan	Blue	Green	Red	Near_IR
Gain	0.0918	0.0602	0.0814	0.0553	0.0766
Offset	0	0	0	0	0

Note: About the calculation formula

$L_e = Gain \times DN + Offset$. In the formula, L_e is the equivalent radiation brightness at the entrance pupil of satellite load channel, and the unit is $W \cdot m^{-2} \cdot sr^{-1} \cdot \mu m^{-1}$. Gain and Offset are the scaling coefficient gain and offset, and the unit is $W \cdot m^{-2} \cdot sr^{-1} \cdot \mu m^{-1}$.