

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

Calibration Coefficient							
			PAN	B1	B2	B3	B4
SV1-01	2021	gain	0,16865	0,16357	0,14693	0,141	0,09356
		offset	0	0	0	0	0
	2022	gain	0,16865	0,16357	0,14693	0,141	0,09356
		offset	0	0	0	0	0
SV1-02	2021	gain	0,13685	0,14329	0,12736	0,14701	0,08881
		offset	0	0	0	0	0
	2022	gain	0,13685	0,14329	0,12736	0,14701	0,08881
		offset	0	0	0	0	0
SV1-03	2021	gain	0,14936	0,14141	0,14038	0,14167	0,09408
		offset	0	0	0	0	0
	2022	gain	0,1451	0,13941	0,13803	0,14017	0,09341
		offset	0	0	0	0	0
SV1-04	2021	gain	0,1442	0,14352	0,13907	0,14246	0,08925
		offset	0	0	0	0	0
	2022	gain	0,13951	0,14419	0,13047	0,13511	0,08897
		offset	0	0	0	0	0
SV-2	2021	gain	0,0918	0,0602	0,0814	0,0553	0,0766
		offset	0	0	0	0	0
	2022	gain	0,0599	0,0456	0,0517	0,0402	0,0514
		offset	0	0	0	0	0

Note: About the calculation formula

$L_e = \text{Gain} \times \text{DN} + \text{Offset}$ . 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  $W \cdot m^{-2} \cdot sr^{-1} \cdot \mu m^{-1}$ .