## USGS CARD4L self-assessment of Surface Reflectance (Collection 2) SR PFS v5

	Threshold	Target
1. General Metadata	Theshold	Taiget
1.1 Traceability	Not required	Not assessed
1.2 Metadata Machine Readability	Verified	Not assessed
1.3 Data Collection Time	Verified	Verified
	Verified	Verified
1.4 Geographical Area	Verified	Verified
1.5 Coordinate Reference System	Verified	Verified
1.6 Map Projection 1.7 Geometric Correction Methods		Verified
	Not required	
1.8 Geometric Accuracy of the Data	Not required	Verified
1.9 Instrument	Verified	Verified
1.10 Spectral Bands	Verified	Verified
1.11 Sensor Calibration	Not required	Verified
1.12 Radiometric Accuracy	Not required	Verified
1.13 Algorithms	Verified	Verified
1.14 Ancillary Data	Verified	Verified
1.15 Processing Chain Provenance	Not required	Verified
1.16 Data Access	Verified	Verified
1.17 Overall Data Quality	Not required	Verified
2. Per-Pixel Metadata		
2.1 Metadata Machine Readability	Verified	Verified
2.2 No Data	Verified	Verified
2.3 Incomplete Testing	Verified	Verified
2.4 Saturation	Verified	Verified
2.5 Cloud	Verified	Verified
2.6 Cloud Shadow	Verified	Verified
2.7 Land/Water Mask	Not required	Verified
2.8 Snow/Ice Mask	Not required	Verified
2.9 Terrain Shadow Mask	Not required	Not assessed
2.10 Terrain Occlusion	Not required	Verified
2.11 Solar and Viewing Geometry	Verified	Not assessed
2.12 Terrain Illumination Correction	Not required	Not assessed
2.13 Aerosol Optical Depth Parameters	Not required	Verified
3. Radiometric and Atmospheric Corrections		
3.1 Measurement	Verified	Not assessed
3.2 Measurement Uncertainty	Not required	Not assessed
3.3 Measurement Normalisation	Not required	Verified
3.4 Directional Atmospheric Scattering	Verified	Verified
3.5 Water Vapour Corrections	Verified	Verified
3.6 Ozone Corrections	Not required	Verified
4. Geometric Corrections		
4.1 Geometric Correction	Verified	Verified
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## Summary Table: WGCV CARD4L Review Panel evaluation (SR PFS v5)

## Feedback for consideration: (to be read in conjunction with feedback provided in the previous review)

## CARD4L review outcome: (SR PFS v5)

Threshold level:	Compliance verified for all applicable items
Target level:	Compliance for seven items yet to meet requirements, was not assessed; compliance for the remaining items was verified

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