

**WGCV evaluation of AIRCAS Landsat-8 Surface Temperature self-assessment submitted by Aerospace Information Research Institute, Chinese Academy of Sciences (ST PFS v5.0) for CEOS-ARD compliance**

	<b>Threshold</b>	<b>Target</b>
<b>1. General Metadata</b>		
1.1 Traceability	Not Required	Not Assessed
1.2 Metadata Machine Readability	Verified	Not Assessed
1.3 Data Collection Time	Verified	Not Assessed
1.4 Geographical Area	Verified	Not Assessed
1.5 Coordinate Reference System	Verified	Not Assessed
1.6 Map Projection	Not Required	Not Assessed
1.7 Geometric Correction Methods	Not Required	Not Assessed
1.8 Geometric Accuracy of the Data	Not Required	Not Assessed
1.9 Instrument	Verified	Not Assessed
1.10 Spectral Bands	Verified	Not Assessed
1.11 Sensor Calibration	Not Required	Not Assessed
1.12 Radiometric Accuracy	Not Required	Not Assessed
1.13 Algorithms	Verified	Not Assessed
1.14 Auxiliary Data	Verified	Not Assessed
1.15 Processing Chain Provenance	Not Required	Not Assessed
1.16 Data Access	Verified	Not Assessed
1.17 Overall Data Quality	Not Required	Not Assessed
<b>2. Per-Pixel Metadata</b>		
2.1 Metadata Machine Readability	Verified	Not Assessed
2.2 No Data	Verified	Not Assessed
2.3 Incomplete Testing	Verified	Not Assessed
2.4 Saturation	Verified	Not Assessed
2.5 Cloud	Verified	Not Assessed
2.6 Cloud Shadow	Verified	Not Assessed
2.7 Snow/Ice Mask	Not Required	Not Assessed
2.8 Solar and Viewing Geometry	Verified	Not Assessed
<b>3. Radiometric and Atmospheric Corrections</b>		
3.1 Measurement	Verified	Not Assessed
3.2 Corrections for Atmosphere and Emissivity	Verified	Not Assessed
3.3 Measurement Uncertainty	Not Required	Not Assessed
<b>4. Geometric Corrections</b>		
4.1 Geometric Correction	Verified	Not Assessed

**CEOS-ARD Evaluation Outcome: (NRB PFS v5.5)**

<p><b>Threshold level:</b></p>	<p><b>Compliance verified for 19 PFS metadata items at Threshold level by WGCV PoC through 1-on-1 discussions and clarifications with the Aerospace Information Research Institute, Chinese Academy of Sciences.</b></p> <p><i>The AIRCAS Landsat 8 Surface Temperature Product is CEOS-ARD compliant at Threshold level</i></p>
<p><b>Target level:</b></p>	<p><b>No Assessment</b></p>