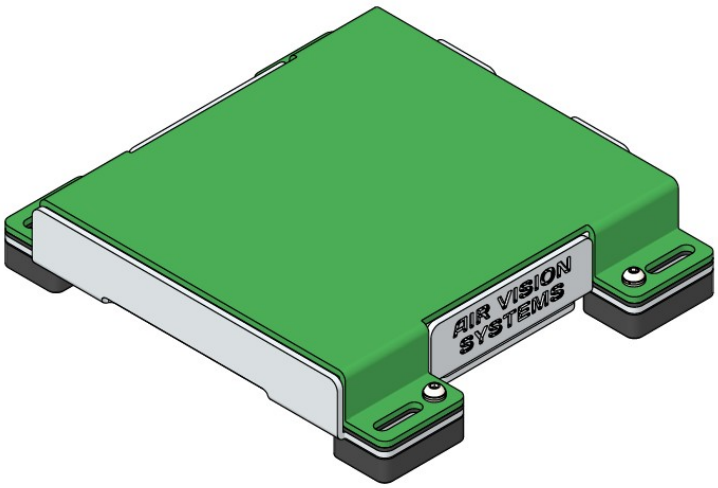
AVS Bonded Roof Mount Assessment

External technical summary - redacted for approved partner circulation



This public release summary preserves the overall bonded mount concept, selected visual evidence, and the engineering conclusion while withholding named adhesive products, exact bond geometry, detailed numerical derivations, software identifiers, and internal validation settings.

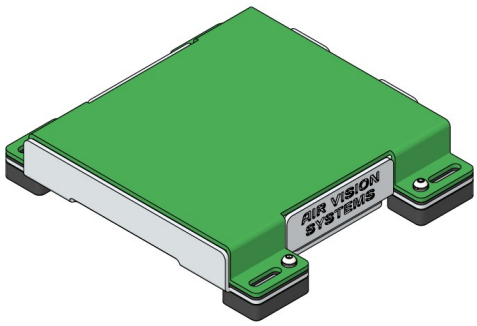
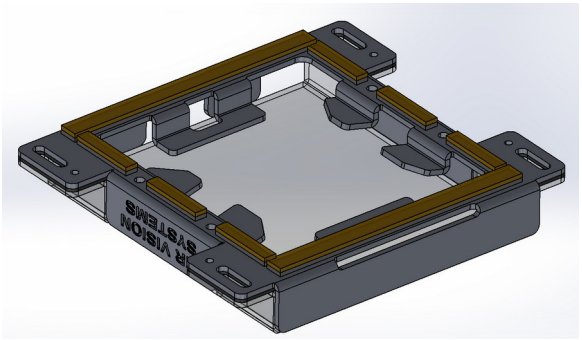
The release summary should not be used as a manufacturing drawing or unrestricted design package.

Executive summary

Application	Low-profile satellite terminal bonded vehicle roof mount for external technical discussion.
Assessment basis	Conservative public-release load case using a redacted bonded interface model and representative installed load path.
Approved install basis	Intended for external partner review when installed in accordance with AVS-approved bonded mounting practice and surface preparation.
Protected content	Exact bond geometry, named adhesive products, detailed setup fields, numerical derivations, and internal validation settings remain withheld.

Bonded interface overview

The figures below retain the overall bonded mount body and the underside bond-path distribution. These visuals are intentionally preserved because the perimeter and support-region interface layout is central to the external engineering story, even though exact bond strip dimensions and named material specifications remain redacted.

Overall bonded mount - isometric	Bonded interface layout - underside
	

Technical description

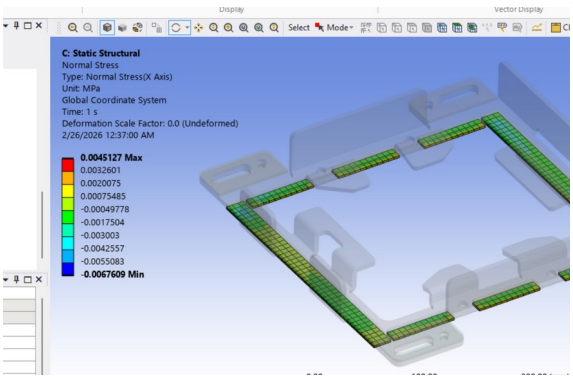
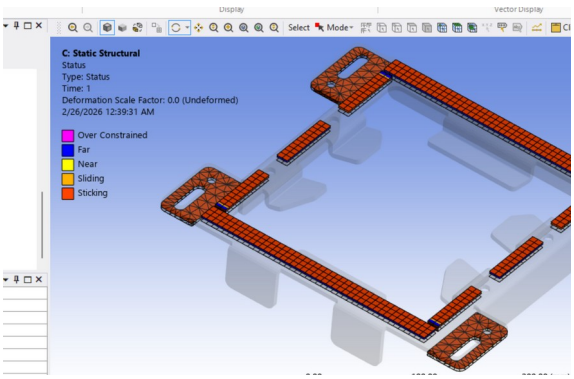
- The bonded architecture uses a distributed interface around the perimeter and local support regions to transfer load into the roof contact plane without visible through-fasteners.
- The mount body acts as a load bridge between the protected enclosure and the bonded support path, so interface continuity and layout distribution are material to the retained response.
- The external summary focuses on global stiffness, retained contact behaviour, and representative stress distribution while withholding named adhesive products, exact bond dimensions, and internal setup data.

Key engineering interpretation

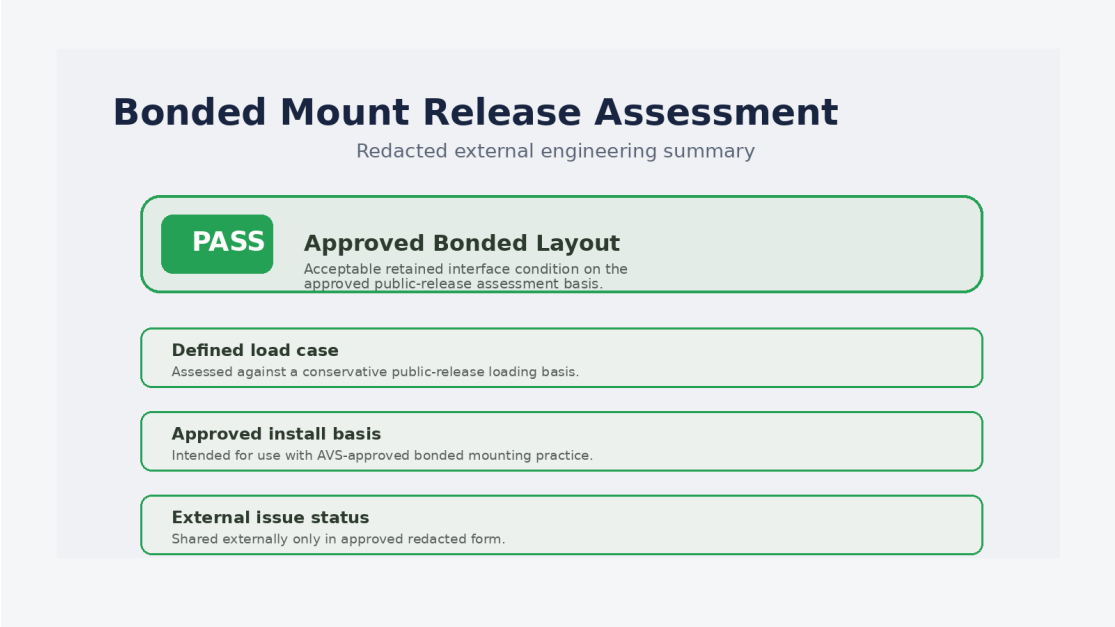
- Under the conservative public-release basis, the approved bonded arrangement maintained retained interface condition and low global deformation for the assessed load case.
- Local stress concentrations remain expected near bond edges and load-transfer regions, but the overall response pattern remains consistent with an acceptable release-ready configuration.
- Representative interface-result visuals are retained below after removal of software naming, product naming, exact scales, and detailed analysis setup fields.

Representative bonded response

Representative comparative visual evidence retained after redaction of software naming, exact scales, and internal setup fields.

Representative bonded stress pattern	Representative retained interface condition
	

Bonded mount release assessment



Mount architecture	Distributed bonded interface around perimeter and support regions intended to spread load into the roof contact area.
Released key finding	The redacted bonded arrangement demonstrated retained contact condition and acceptable global response on the stated public-release basis.
Approved release footing	This external-use version is suitable for partner review and commercial discussion in approved redacted form only.
Use of this document	Exact dimensions, named adhesive products, material product codes, detailed numerical derivations, and internal validation settings remain withheld.

Release limitations

- This summary is intentionally redacted and should not be treated as a manufacturing drawing or unrestricted design release.
- Exact dimensions, named adhesive products, detailed numerical derivations, and internal validation settings remain withheld.
- The document communicates the external engineering conclusion only: the approved bonded arrangement satisfied the stated public-release assessment basis when applied using AVS-approved installation practice.

End of approved external technical summary