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Title : Material Characterization of the Radome Fairings (TDF & ADF) for HOMI TU-142M Aircraft

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Abstract:

This report presents the quality control aspects and different tests (Physical/Chemical, Mechanical) for qualifying the ADF/TDF antenna Fairings for HOMI TU-142 aircraft.

The radomes production for the ADF/TDF fairings has been fully standerdized using high temperature cure epoxy resin system with quartz and E-glass fabric and in-house developed resin injection technique.