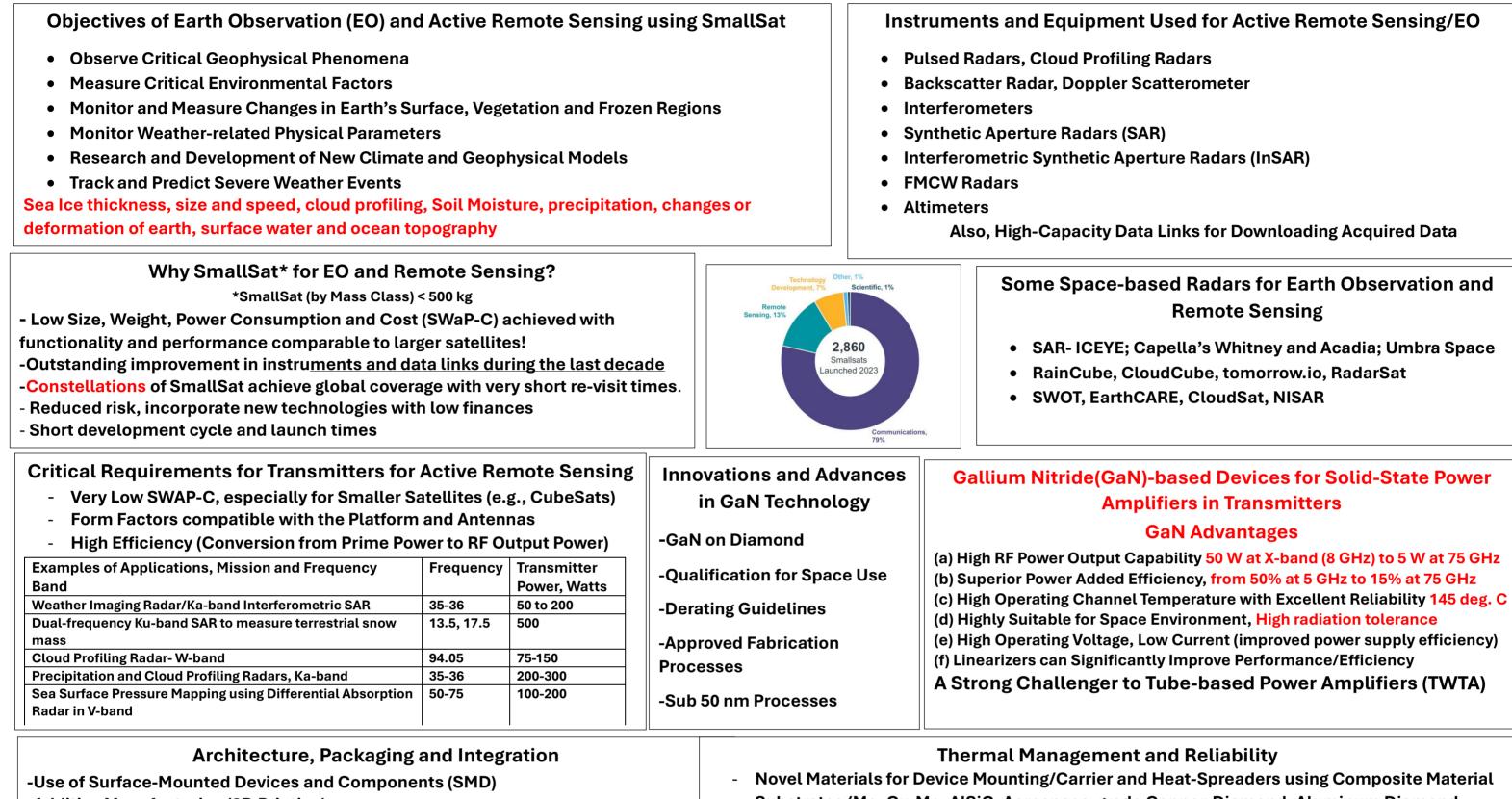
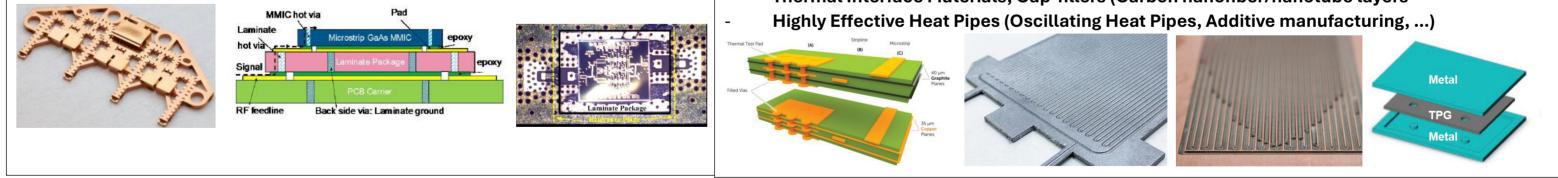
MICROWAVE TRANSMITTERS FOR SMALLSAT PLATFORMS FOR EARTH OBSERVATION (EO) AND REMOTE SENSING

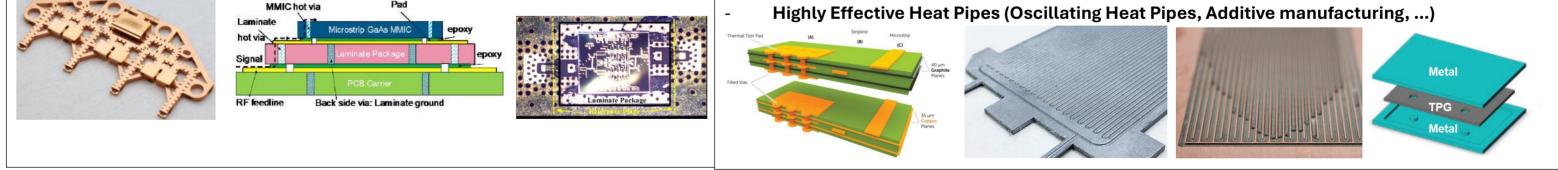
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- -Additive Manufacturing (3D Printing)
- -Modular Construction and Standardized Assemblies
- -Microwave and Millimeter-wave Transmitter Functions on Printed-Circuit Boards





- Substrates (Mo, Cu-Mo, AlSiC, Aerospace-grade Copper-Diamond, Aluminum Diamond, Silver-Diamond, Strain-balanced structures, Tungstun-Copper, ...)
- Thermally Conductive Synthetic Graphite in High Frequency Printed Circuit Boards
- Thermal Interface Materials, Gap-fillers (Carbon nanofiber/nanotube layers

Some Examples of Solid-State Power Amplifiers and Upconverters used within Transmitter for EO and Remote Sensing

