

Motivation

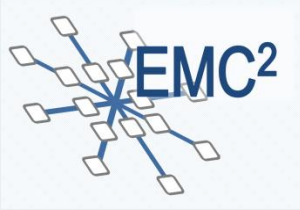


Interferences can degrade space Communications and make them unusable

Need for detection and mitigation but really demanding processing requirements for achieving that with high spectral resolution and multiple carriers

MULTI-CORE allows this with only one spectrum analyzer

Vectorsat



T9.3 UC Payload Applications

MP Platform for Reliable Space Communications



- **Demonstrator:** Video showing Interference Detection, comparing **VECTORSAT** operation in a single-processor and multi-processor.

