

Tecniche di calibrazione per array montati su sistema SOTM

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Abstract

I sistemi SOTM (Satellite-On-The-Move) forniscono una soluzione innovativa per le comunicazioni satellitari a larga banda in ambito terrestre ed in scenari tattici.

Le maggiori problematiche da affrontare per l'utilizzo efficiente di tali antenne a schiera riguardano la loro corretta configurazione in fase di tracking, cioè la scelta delle tensioni di controllo ottimali per ottenere un determinato pattern.

L'attività ha lo scopo di illustrare allo studente il sistema di calibrazione per sistemi SOTM sviluppato nell'ambito del progetto ENHANCE, e di analizzare i risultati di alcune calibrazioni di interesse.

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