



AI Survey (AIS) Application

SURVEY MULTIPLE RF IQ STREAMS

The AI Survey (AIS) application tool is a passive, fast, wideband, cellular signal detection technique (autonomous collection system). AIS accelerates the process of detecting and decoding a cell's parameters from 10's of minutes to 10's of seconds by prioritizing the frequency 'search space' with ~99% precision. The AI Survey system is comprised of a SDR device (NEN 3000 - VIPER), external splitter, and a HTML5-enabled web browser device for command and control.

FEATURES

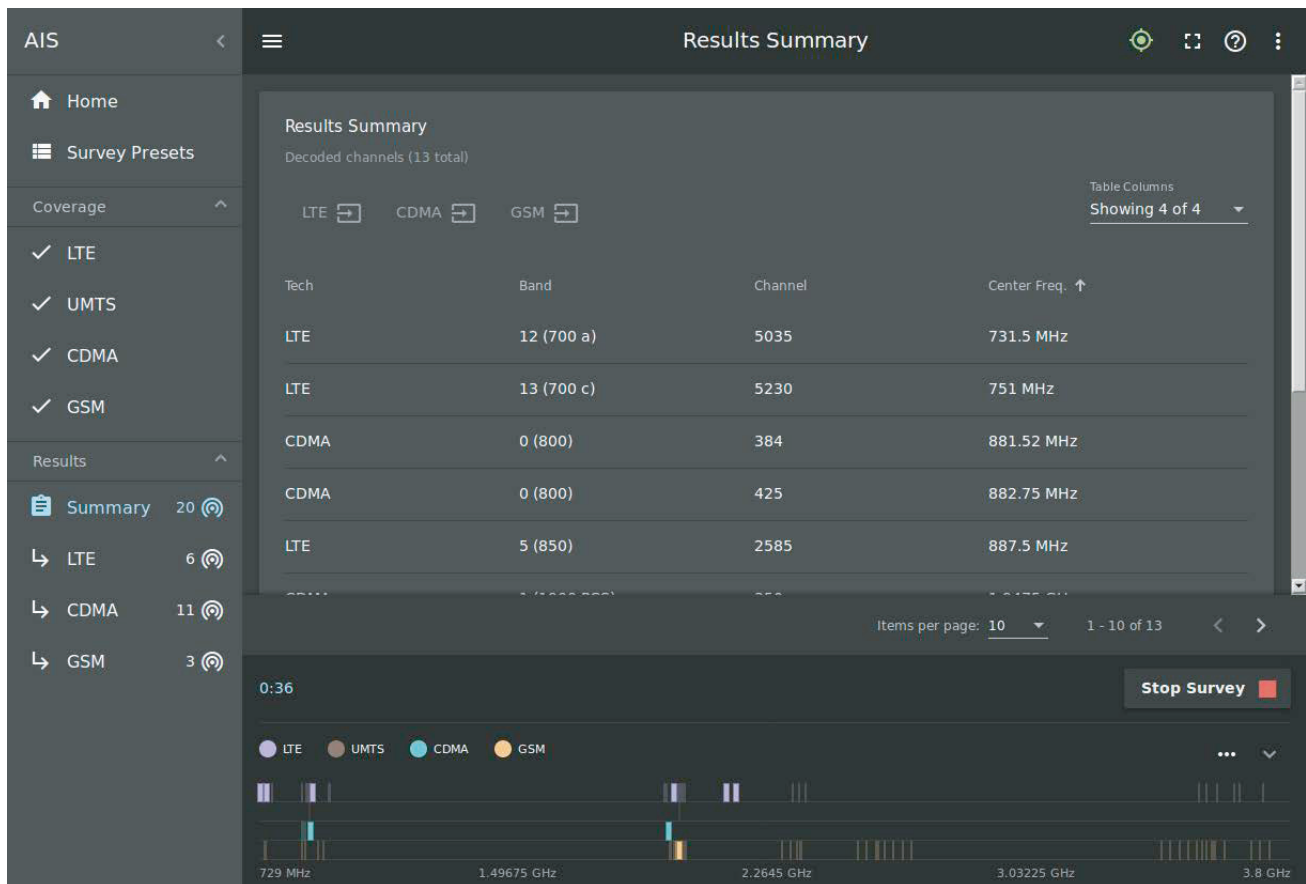
- Deep learning signal identification algorithm
- Surveys all technologies/bands in less than 5 minutes
- Survey range is user defined
- Leverages current generation SDR platform capabilities
- Frequency range from 380 MHz to 6000 MHz
- Supports export of survey results to ROVER (GNS file format)
- Device Manager capability
- Functionality in GPS denied environments

SUPPORTED TECHNOLOGIES

- GSM: 380, 480, 710, 750, 810, 850, 900, 1800, and 1900 MHz
- CDMA2K: 450, 800, and 1900 MHz
- UMTS: 700, 800, 850, 900, 1500, 1800, 1900, 2100, 2600, and 3500 MHz
- LTE Bands: 1-14, 17-28, 30-31, 65-66, 68, 71

PLATFORM

- NEN 3000 - VIPER



For more information please contact: ATInfo@motorolasolutions.com

The information and specifications provided are for informational purposes and are subject to change without notice.

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