LS OBSERVER

(Spectrum Monitor)

The purpose of spectrum monitoring is to effectively manage the AOC spectrum, especially in highly congested areas.

Areas of interest:

- Identify and locate both unused and underused frequencies.
- Identify un-licensed frequencies.
- To locate and record intermittent causes of interference.

Capabilities

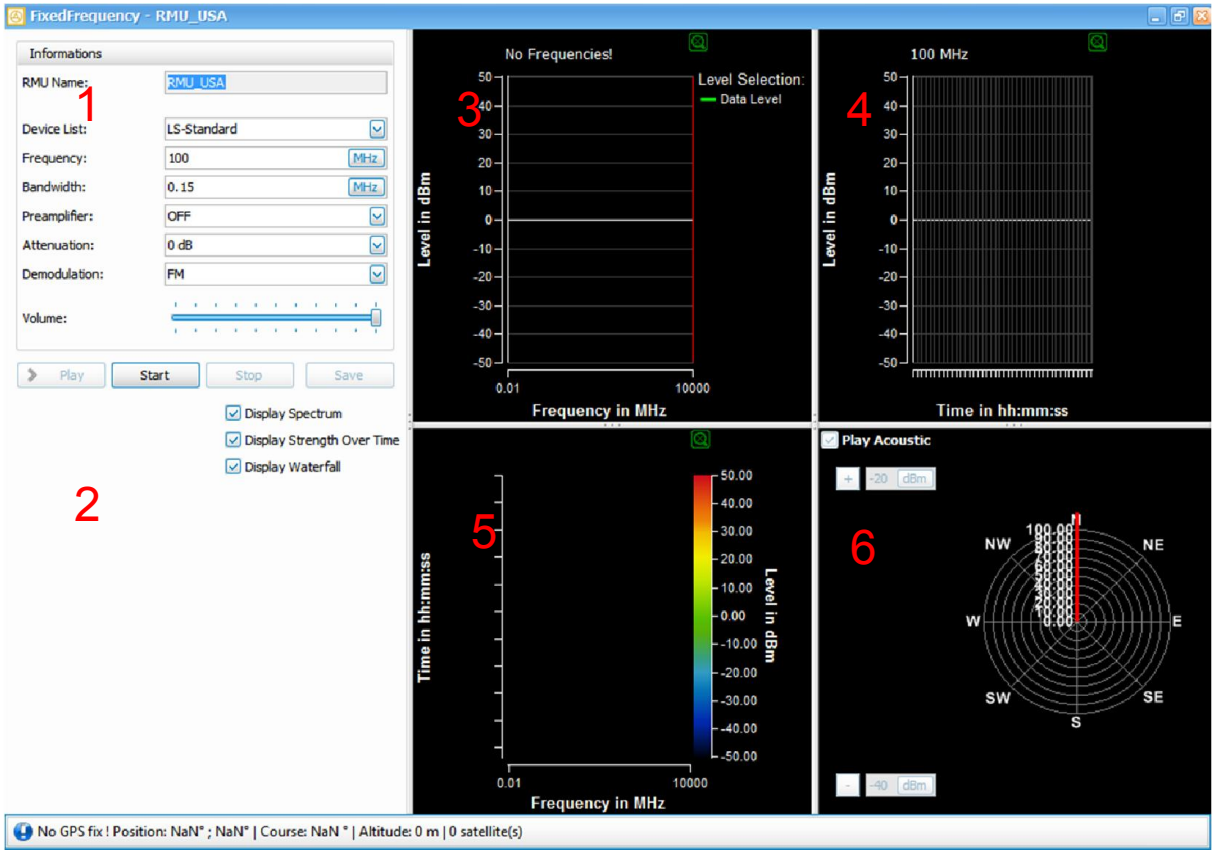
- Ability to continuously monitoring the entire AOC spectrum.
- Ability to filter specific frequencies or bandwidth.
- Ability to triangulate rouge transmissions.
- Ability to remotely access monitor and download data.
- Ability to Demodulate, listen and record transmissions.

Basic Measurements

- Spectrogram – the most recent sweep's power level for each frequency scanned.
- Waterfall chart – Scrolls down in time showing the power level for each frequency based on color

Examples of Live Monitoring

- 1. Measurement parameters
- 2. Controls
- 3. Spectrogram
- 4. Strength Over Time
- 5. Waterfall
- 6. Compass chart



Questions?