

# EEJ Imaging 2023 Campaign Report

This is an analysis of Spectrums during EEJ Imaging campaign from January 16 to 17, 2023. We show the Spectrums and Noises.

## EEJ Imaging:

January, 16:

\_ Start the campaign at 4 hours.

\_ % Operation/4h: 100.

Log:

\_ 16 Jan 18:00 Start campaign.

Staff in charge

18-22: k. kuyeng.

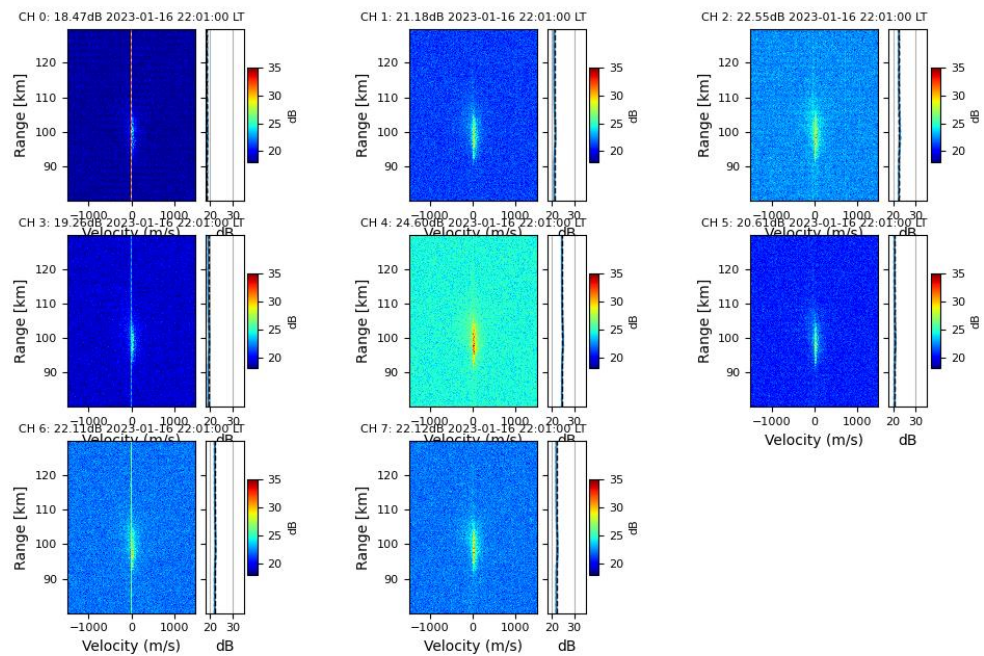


Figure 1. SPC West 2023-01-16.

Noise obtained:

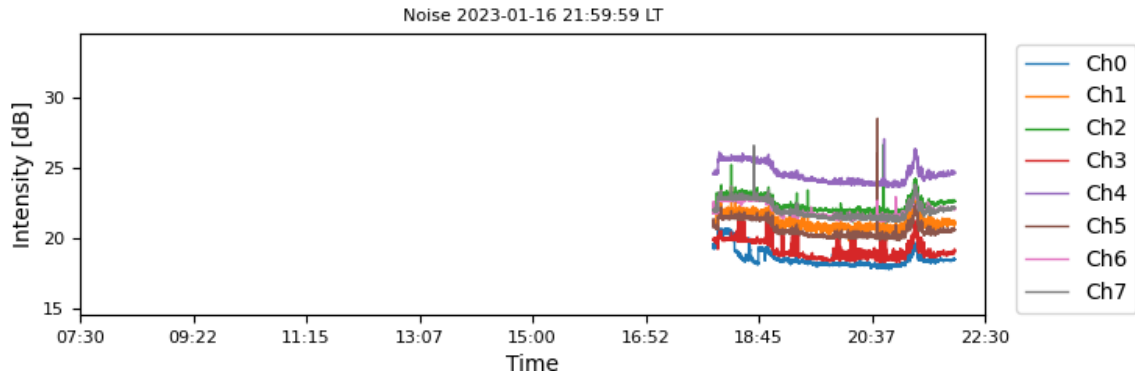


Figure 2. Noise West 2023-01-16.

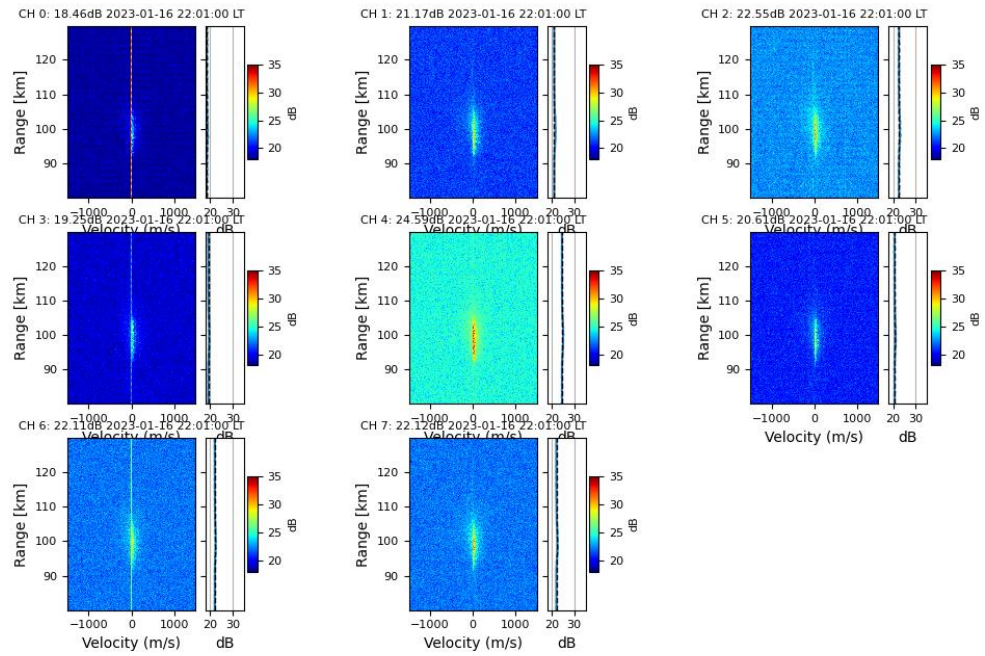


Figure 3. SPC East 2023-01-16.

Noise obtained:

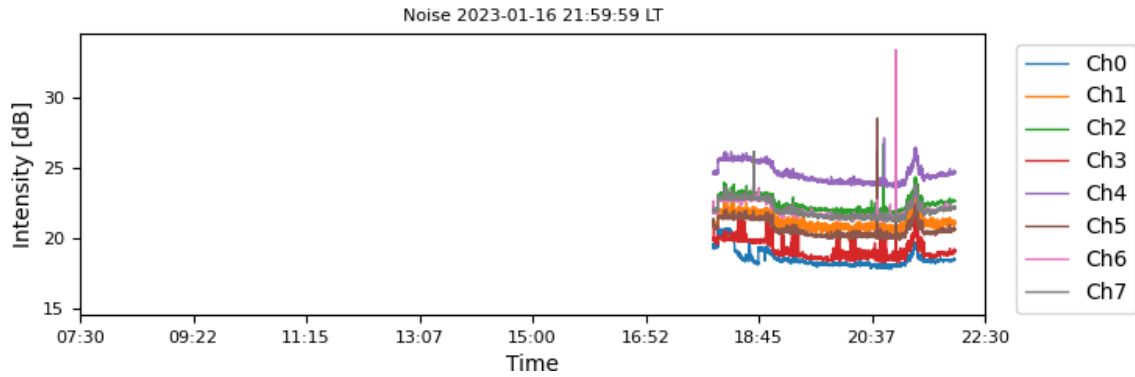


Figure 4. Noise East 2023-01-16.

January, 17:

\_ Start the campaign at 8 hours.

\_ % Operation/8h: 100.

Log:

\_ 17 Jan 14:00 Start campaign.

\_ 17 Jan 14:00 Tx = 8.4 km Pulse configuration: W, W, E, E.

\_ 17 Jan 14:05 Attenuator from Ch0 is removed.

\_ 17 Jan 14:29 Tx = 4.2 km and TxA, TxB synchronized.

\_ 17 Jan 14:36 Tx = 4.2 km Pulse configuration: W, W, E, E.

Staff in charge

14-22: R. Flores.

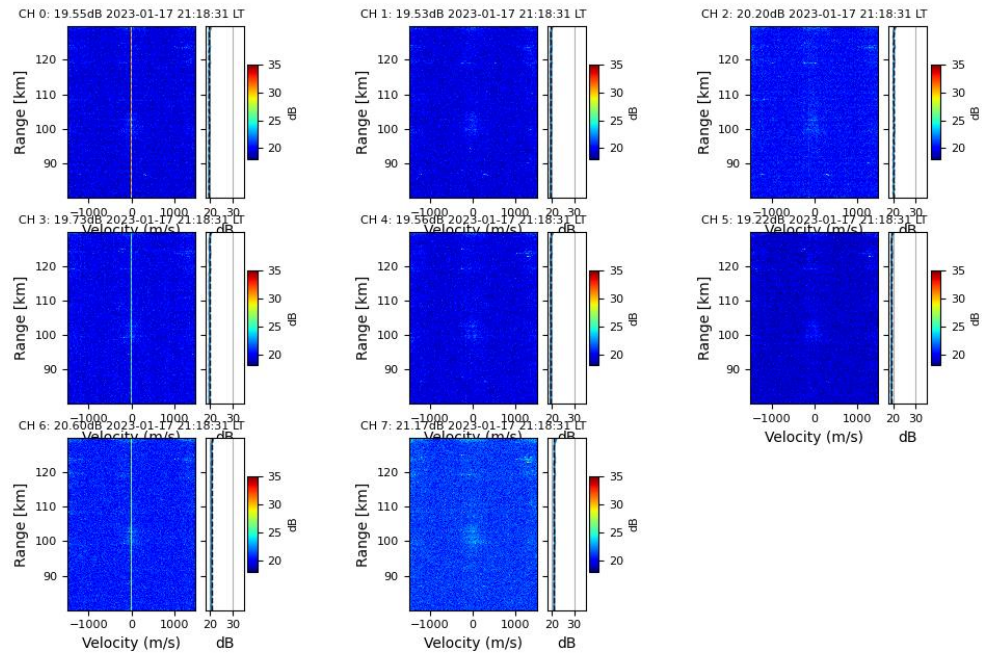


Figure 5. SPC West 2023-01-17.

Noise obtained:

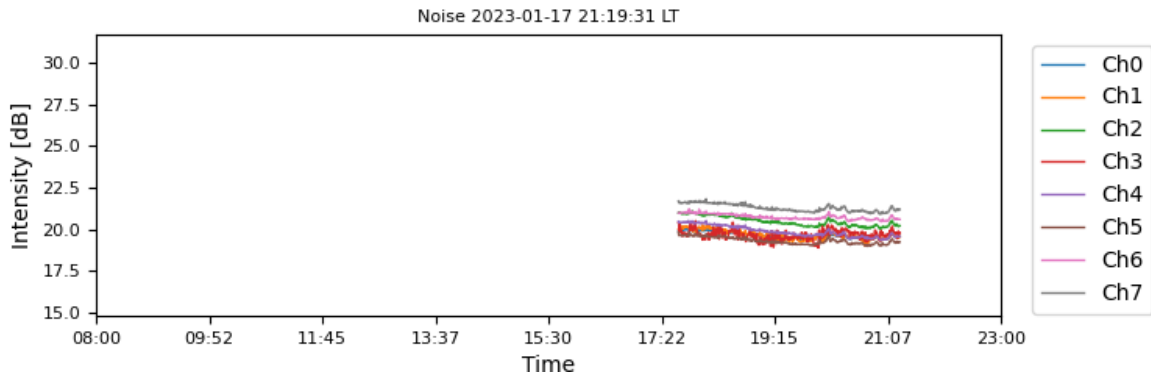


Figure 6. Noise West 2023-01-17.

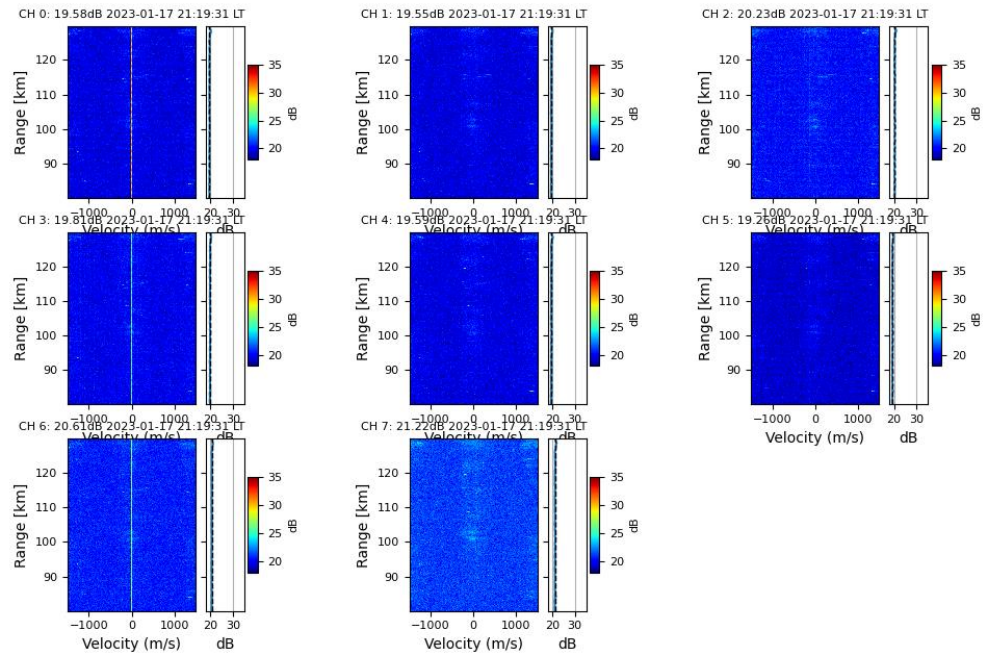


Figure 7. SPC East 2023-01-17.

Noise obtained:

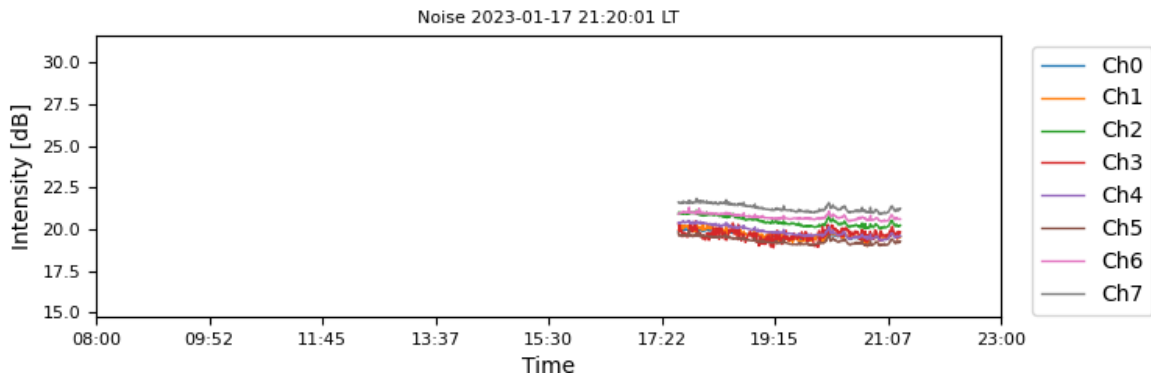
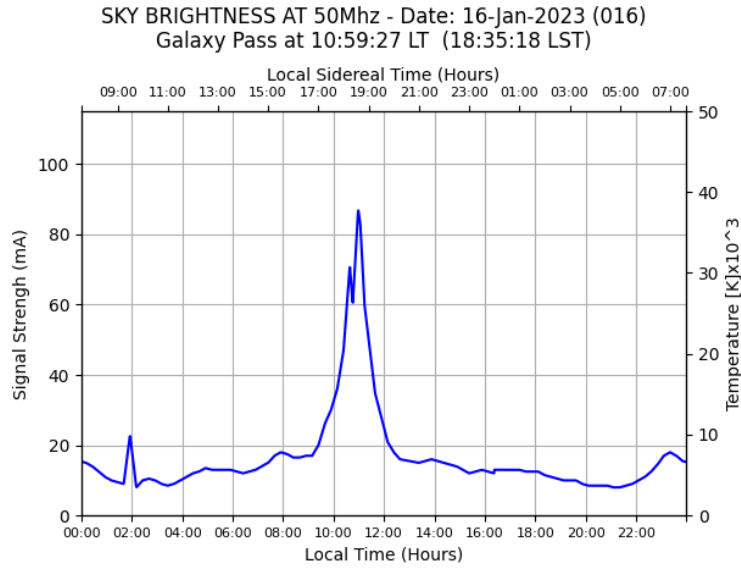


Figure 8. Noise East 2023-01-17.

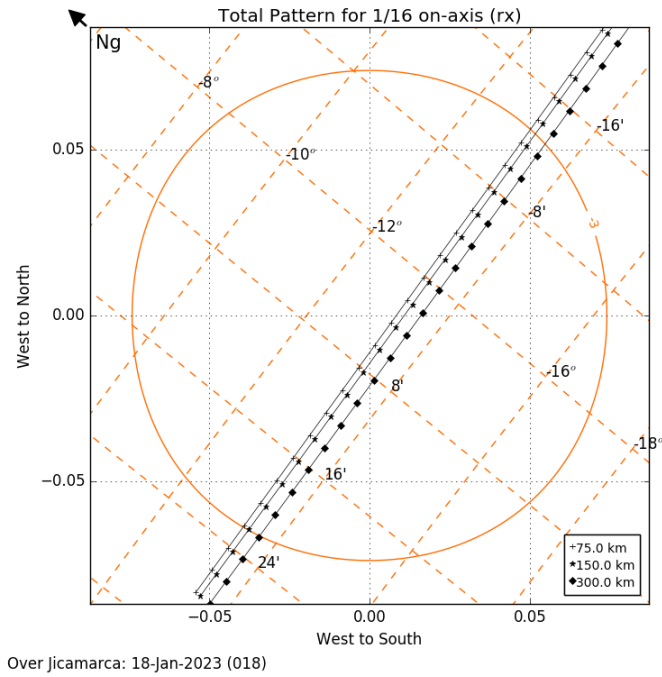
**Annex:**

Sky noise for January 16, 2023:



**Figure 9. Sky noise.**

**Antenna pattern**



**Figure 10. Antennas pattern EEJ-Imaging.**