

# Airspy Osmocom Source Settings

The following properties need to be set:

- Device
- Sample\_Rate
- Frequency
- Gain1
- Gain2
- Gain3

## FM Radio

Device = 'airspy,pack=1' (enable automatic data packing)  
Sample\_Rate= '10M' 10e6 (other possibility 2.5M 2.5e6)  
Frequency = 98.1 (center of FM Band)  
Gain1=14 (LNA gain: range is 0-14)  
Gain2=0 (IF Gain: range is 0-15)  
Gain3=0 (BB Gain range is 0-15)

## DSPIRA Radio Astronomy

Device='airspy,bias=1,pack=1' (enable Bias T and automatic data packing)  
Sample\_Rate= '10M' 10e6 (other possibility 2.5M 2.5e6)  
Frequency = 1.419G  
Gain1=14(LNA gain: range is 0-14)  
Gain2=0 (IF Gain: range is 0-15)  
Gain3=0 (BB Gain range is 0-15)

## NSF Integrate60 Radio Astronomy

Device='airspy,bias=1,pack=1' (enable Bias T and automatic data packing)  
Sample\_Rate= '10M' 10e6 (other possibility 2.5M 2.5e6)  
Frequency = 1.4204G  
Gain1=14(LNA gain: range is 0-14)  
Gain2=13(IF Gain: range is 0-15)  
Gain3=12(BB Gain range is 0-15)