PROJECT REQUIREMENTS

NOAA 15, 18-analogue-black n white

METEOSAT-Digital- false colour

PHASE ONE

1. Software defined Radio e.g . Hack RF 1,Terratec,Nooelec
2. Antennae:Wires,Stick,50 ohms coaxial cable, connectors(SMA), alligator clips

Each of the two wires to be ¼ of the length of the wave

C= wavelength \* Frequency

-Determine frequency to determine length of the wires

3. Orbitron: Determine the time of passes

4.Double cross

Right hand circular polarized

5.Two pieces of coax cut to ¼ of the wavelength and 2 pieces of coax cut to ½ of the wavelength

6.ATPT Decoder

7.Tracking DDE software

8. Wrap Hack RF and ground using a Faraday cage

PHASE TWO

Nesdr

Decoding software

Audacity

Wx to img