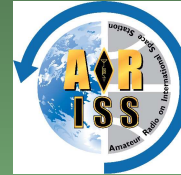


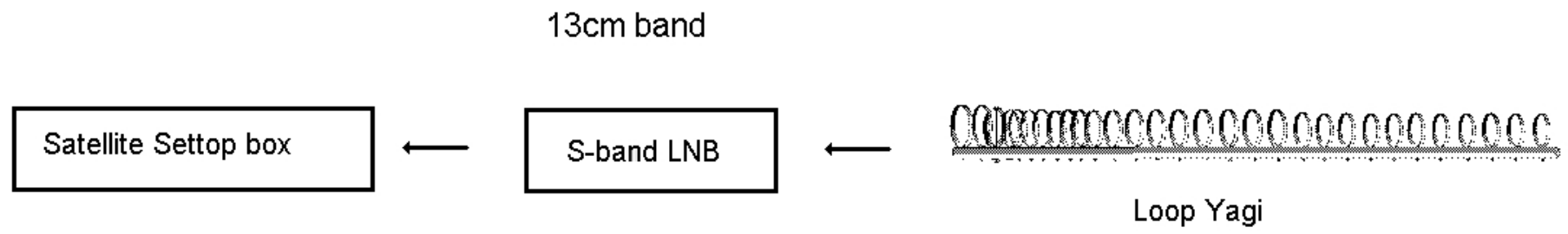
ARCOL - HAMTV  
ISS DOWNLINK D-ATV



# RICEZIONE D-ATV IN BANDA S

MARCELO L. TERUEL IKØUSO

MEETING AMSAT ITALIA - ESA/ESRIN, 24 SETTEMBRE 2010



# ANTENNA

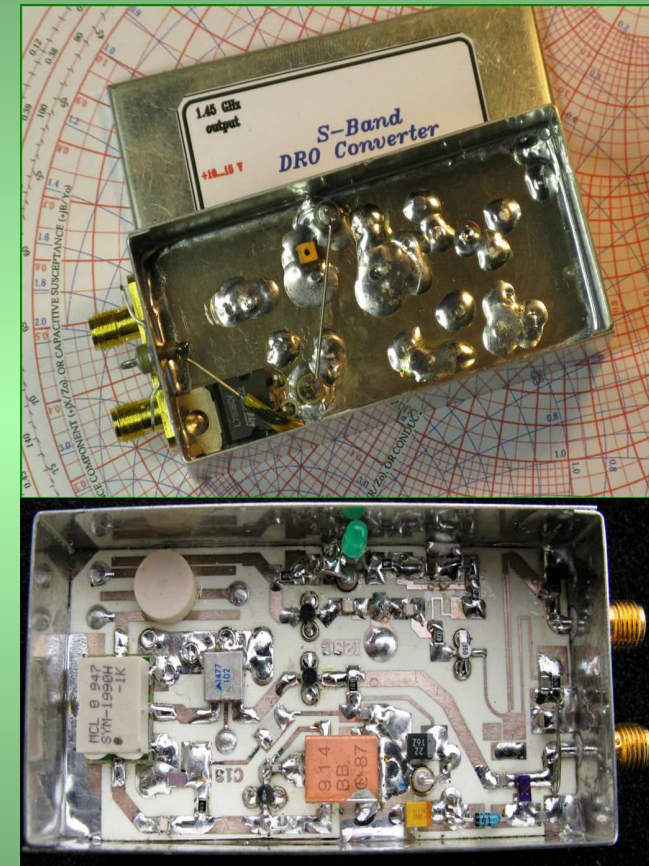
LOS 1200 KM - TX 10 W EIRP - RX ANTENNA 24 DB



PARABOLA: PRIMO FUOCO - OFFSET - GRIGLIA  
DIRETTIVA: ELICOIDALE - DOPPIA POLARIZZAZIONE  
ROTORE: AZ - EL

# DOWN - CONVERTER

In 2400 MHz out 1500 MHz



COMMERCIALE

MMDS

AUTOCOSTRUZIONE

# RICEVITORE

RICEVITORE SATELLITE DVB-S IN 950 - 2150 MHz  
ADATTO A DEMODULARE SEGNALI SCPC



# DATI SINTONIA

- Frequenza \*
- Forward Error Correction (FEC)
- Symbol-Rate (SR)
- Program Identification (PID)

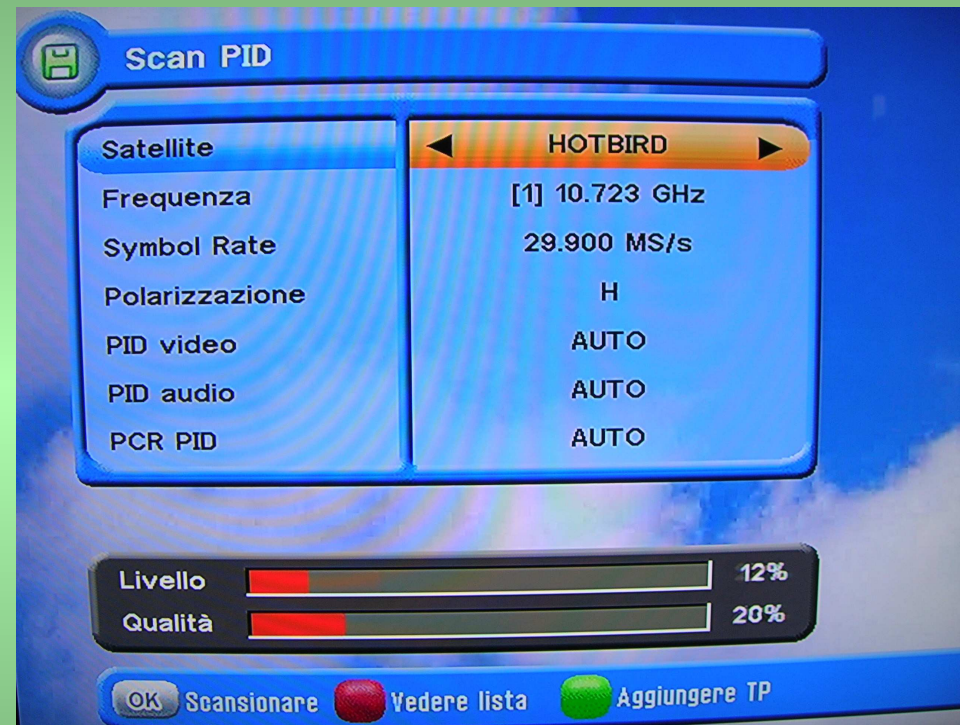
\*FREQUENZA: ( FRQ. RX - OL CONVERTER ) + 10600

DOOPLER A 2400 MHZ +/- 60 KHZ

# SINTONIA



DIRETTA



SCAN

# LIVELLO SEGNALE ANALOGICO E DIGITALE



P0

P1

P2

P3

P4

P5







**Grazie per l'attenzione.**