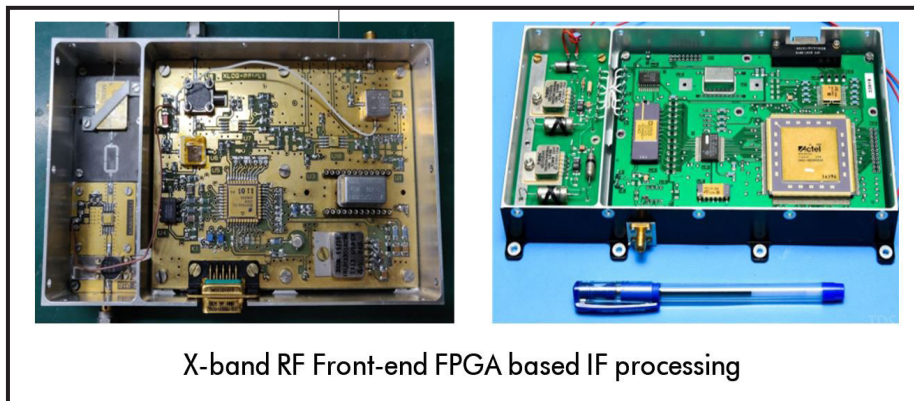


X-band non-coherent FM/PSK receiver/ X-band Spread Spectrum Receiver

U R Rao Satellite Centre (URSC) of Indian Space Research Organisation (ISRO) has developed a miniaturized high-sensitive X-band FM/PSK receiver suitable for Tele-command applications of LEO and GEO missions.



Salient Features

- ✦ Miniaturized and highly Sensitive Receiver.
- ✦ Software defined radio with ability to change the modulation format and data rate with only change in the embedded software.

Major Specifications

- ✦ Frequency : 7190-7235 MHz
- ✦ Modulation : FM/PSK / SS-BPSK
- ✦ Threshold : -115dBm/-100 dBm
- ✦ Data Rate : 4 kbps
- ✦ DC Power Consumption : 4.5W (Secondary)
- ✦ Weight : 1.3 kg

Technology Transfer

URSC/ISRO offers to transfer this technology of X-band FM/PSK receiver to industries in India with adequate experience and facilities. Industries interested in obtaining knowhow may write giving details of their present activities, infrastructure and facilities.

Technology Transfer & Industry Coordination Division (TTID),
Programme Planning and Evaluation Group (PPEG),

📍 U R Rao Satellite Centre (URSC), ISRO, HAL Airport Road,
Vimanapura Post, Bangalore – 560 017.

✉ Email-id: tt-icd@ursc.gov.in

☎ Fax No: 080-25205261

🌐 <https://www.ursc.gov.in/industry/index.jsp>