



SUPARCO

The National Space
Agency of
Pakistan



Output Channel Filter (Ka Band)

- Output channel filter consists of dual-mode circular waveguide cavity filter and rectangular waveguide harmonic reject filter.
- Circular waveguide cavity filter is realized using Invar (4J36) materials whereas harmonic reject filter is made of Aluminum.



Technical Data

- High power bearing capacity,
- Frequency Range: 17-19 GHz
- Bandwidth: 170MHz
- Insertion Loss @ Fc: < 2 dB
- Passband flatness: 1dB
- VSWR: 1.3:1
- Temperature: -10 ~ 60 °C

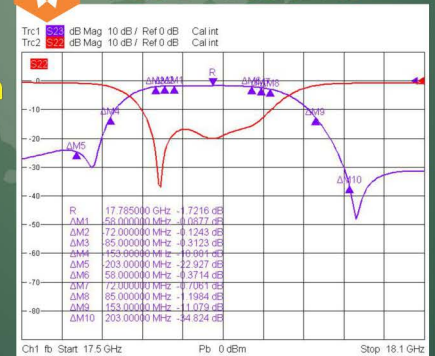


Applications

- Satellite communication payloads



Test Results



Pakistan Space & Upper Atmosphere Research Commission

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