# Spectrum Analyzer




## Make: Anritsu

## Model : MS2720T-0743

## Frequency Range : 9 KHz -43 GHz

## Applications:

1. Mobile communications like Mobile phones, Wireless LANs.
2. Devices like VCOs, Synthesizers, Mixers, Filters, Amplifiers, Antennas
3. Satellite broadcasting like BS, CS, Digital Broadcasting
4. CATV like Analog/Digital TV, Broadcasting, Transmitter Amplifiers, Distributors
5. EMI like IEC, EN (Europe), FCC (America), JIS (Japan)

## Specifications:

**Suitable Input Level :** +30 dBm (Input ATT >=10 dB)

**Maximum Input Level :** +30 dBm (Input ATT >=10 dB)

**Sideband Noise:** 118 dBc/Hz at offset 10 KHz

**Resolution bandwidth for frequency (RBW):** 1 Hz to 3 MHz, 5 MHz, 10 MHz

**Input Signal Freq. = Local Signal Freq. – IF Freq.**

(0 to 300 MHz) (200 to 500 MHz) (fc=200 MHz)

| Method/Condition | Tariff for NITW Students | External Academic (18 % GST Extra) | Industry (18 % GST Extra) |
|---|---|---|---|
| | Per RF Network | Per RF Network | Per RF Network |
| Spectrum plots (AM/FMSSB modulations, Phase noise measurements, Channel powers, bandwidth measurements) | ₹ 100 per student per semester | ₹ 1000 | ₹ 3000 |