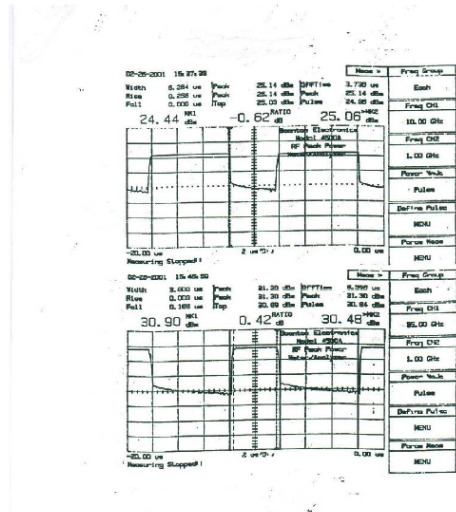




35 GHz Airborne Transceiver/Radar Translator

The transceiver transmits data in the high band and receives in the low band. It is designed to operate in airborne applications.

MODEL:
LRM-1035-001



General:

Frequency Range: 9.5 – 10.5 GHz (Low band)
34.5 – 35.5 GHz (High band)
T-R Isolation: 60 dB min. Duplex Mode
100 dB Simplex Mode
Ka-Band Interface: K-Type/WR-28
Frequency Stability: 0.5 ppm max.
Operating Temperature: -40°C to +55°C
Size: 8" x 6" x 0.75"

Transmitter:

Output Frequency Range: 34.5 – 35.5 GHz
Input Power: -70 dBm typ.
Output Power: 30 dBm min.
Output IP3: 35 dBm min.
Output Attenuation Range: 40 dB min.

Receiver:

Input Frequency Range: 34.5 – 35.5 GHz
Input Power Range: -70 to -20 dBm
Output Power: +27 dBm
Noise Figure: 4 dB typ.
AGC Range: 50 dB typ.

E & O E

Specifications are subject to change without notice.
ITS Electronics Inc. Proprietary Information

Response, Innovation, Craftsmanship

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