

WASU-LP OPERATING PARAMETERS

ERP V- 100 WATTS

ERP H - 100 WATTS

FEED LINE - 330 FEET OF ANDREW 7/8 HELIAX CABLE, LDF5-50A

FEED LINE EFFICENCY - 76.4%

POWER LOSS IN LINE – 67 WATTS

POWER INPUT TO ANTENNA – 217 WATTS

ANTENNA POWER GAIN - .4611

TRANSMITTER POWER OUTPUT – 284 WATTS

$284 - 67 = 217 \times .4611 = 100 \text{ WATTS ERP}$