

T.P.O. CALCULATIONS FOR KGSF GREEN FOREST, AR

LICENSED E.R.P.	5000 WATTS
ANTENNA:	PSIFMV-2-HWS-DA
ANTENNA GAIN:	2.19
TRANSMISSION LINE:	LDF-7 (1 5/8)
LINE LENGTH:	250 FEET
LINE LOSS FOR 88.7 MHz:	288 WATTS
ANTENNA INPUT FOR 5 Kw:	2283 WATTS (5000/2.19)
T.P.O. FOR 5 Kw ERP	2571 WATTS (2283 + 288)