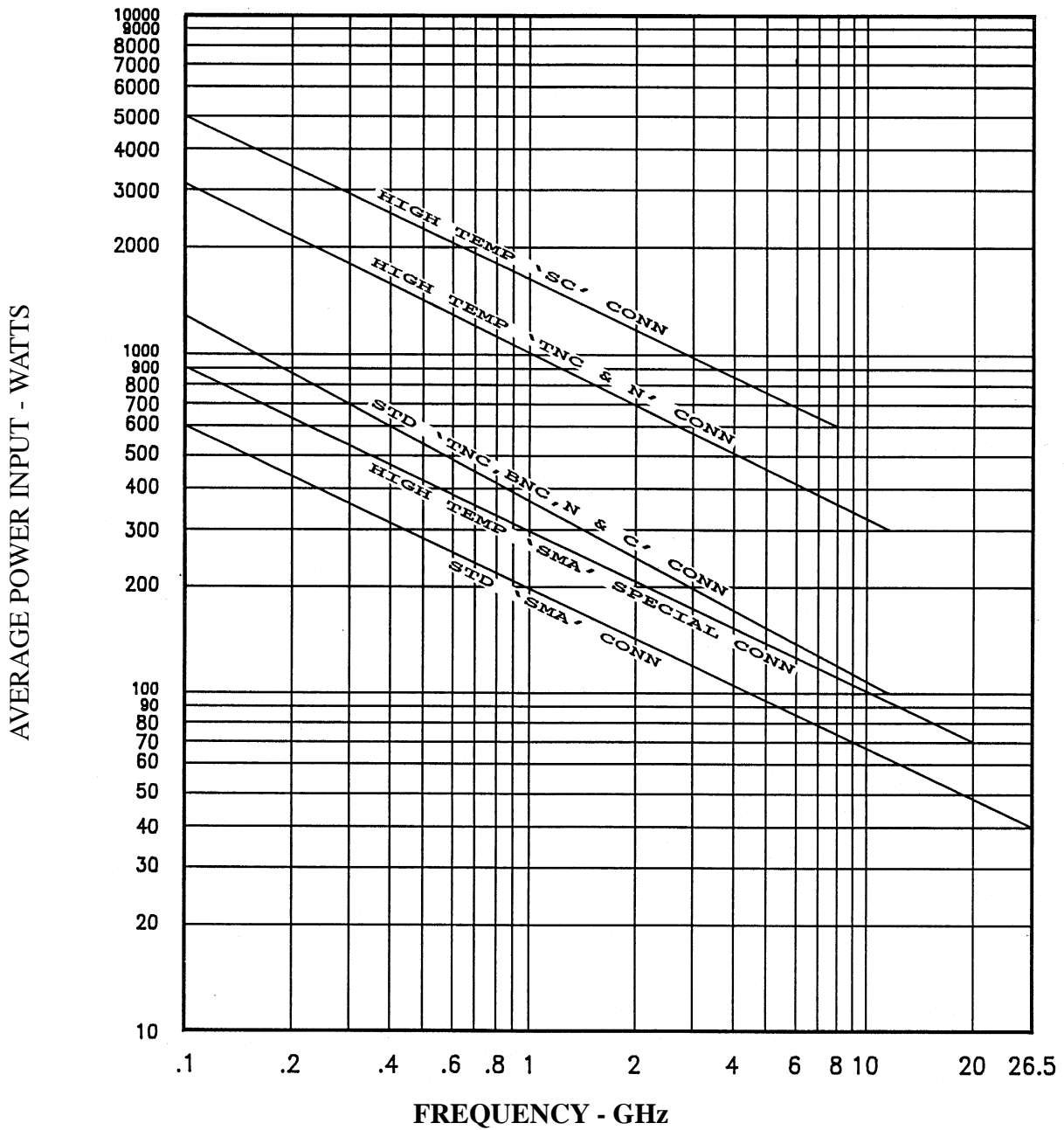


# POWER HANDLING VS. FREQUENCY CHART



CAPABILITY OF POWER HANDLING IS BASED ON THE FOLLOWING CONDITIONS:

AMBIENT TEMPERATURE	=	25 DEG C
ALTITUDE	=	SEA LEVEL
LOAD VSWR	=	1:1 RATIO

# POWER HANDLING AND DERATING FACTORS

<u>Temp (Deg. C)</u>	<u>Factor</u>
25-40	1.00
60	0.89
80	0.79
100	0.69
120	0.59
140	0.49
160	0.39
180	0.29
200	0.20

<u>Altitude (Ft.)</u>	<u>Factor</u>
10,000	0.91
15,000	0.86
20,000	0.81
25,000	0.76
30,000	0.71
35,000	0.67
40,000	0.62
45,000	0.58
50,000	0.53
60,000	0.44
65,000	0.40
70,000	0.36

<u>VSWR</u>	<u>Factor</u>
1.5 : 1	0.96
2.0 : 1	0.88
2.5 : 1	0.84
3.0 : 1	0.75
3.5 : 1	0.70
4.0 : 1	0.64
4.5 : 1	0.60
5.0 : 1	0.56

