

dB (1uv/m)

1000

100

10

1

0.1

MICROVOLTS PER METER

Note: If  $d$  is less than 250 km,  $C$  is evaluated for  $d = 250$  km. However, the actual value of  $d$  is to be used in determining angle of departure.

FIGURE 1b

SKYWAVE CURVES FOR THE  
HIGH-LATITUDE AREAS  
100 mV/m at 1 km  
2 Hours After Sunset

$$F_c = 95 - 20 \log d - 20 \left( (d-300) / 1000 \right)^{1/4}$$

dB (1 uv/m)  
 $d = \text{distance, km}$

KILOMETERS

250

500

750

1000

1500

2000

2500

3000

3500

4000

4500

5000

5500

6000

6500

7000

7500

-20

0

20

40

60

100

13 dB

500