

Anlage 4

Ausbreitungskurven im mobilen Landfunkdienst

Die Störfeldstärke wird am Empfangsstandort mittels der nachstehenden Ausbreitungskurven bestimmt, die der Empfehlung ITU-R P.1546 entnommen wurden. Die Kurven stellen die Störfeldstärkewerte für 50 % Ortswahrscheinlichkeit, 50 %, 10 % und 1 % Zeitwahrscheinlichkeit, für unterschiedliche Ausbreitungswege sowie für eine Empfangsantennenhöhe h_2 von 10 m dar.

Die Kurven sind für Werte von h_1 von 10, 20, 37,5, 75, 150, 300, 600 und 1200 m gegeben.

Die Kurven für eine Zeitwahrscheinlichkeit von 50 % sind nur zur Ermittlung des Verhältnisses zwischen den gemessenen Werten und den Berechnungen zu verwenden (siehe Anlage 7 der Vereinbarung).

Die Ausbreitungskurven für die Frequenz 100 MHz (Bilder 1 bis 8) sind anzuwenden, wenn es sich um Frequenzen zwischen 29,7 und 300 MHz handelt; die Ausbreitungskurven für die Frequenz 600 MHz (Bilder 9 bis 16) sind anzuwenden, wenn es sich um Frequenzen zwischen 300 und 1000 MHz handelt; die Ausbreitungskurven für die Frequenz 2000 MHz (Bilder 17 bis 24) sind anzuwenden, wenn es sich um Frequenzen zwischen 1000 und 3000 MHz handelt.

FIGURE 1
100 MHz, land, 50% time

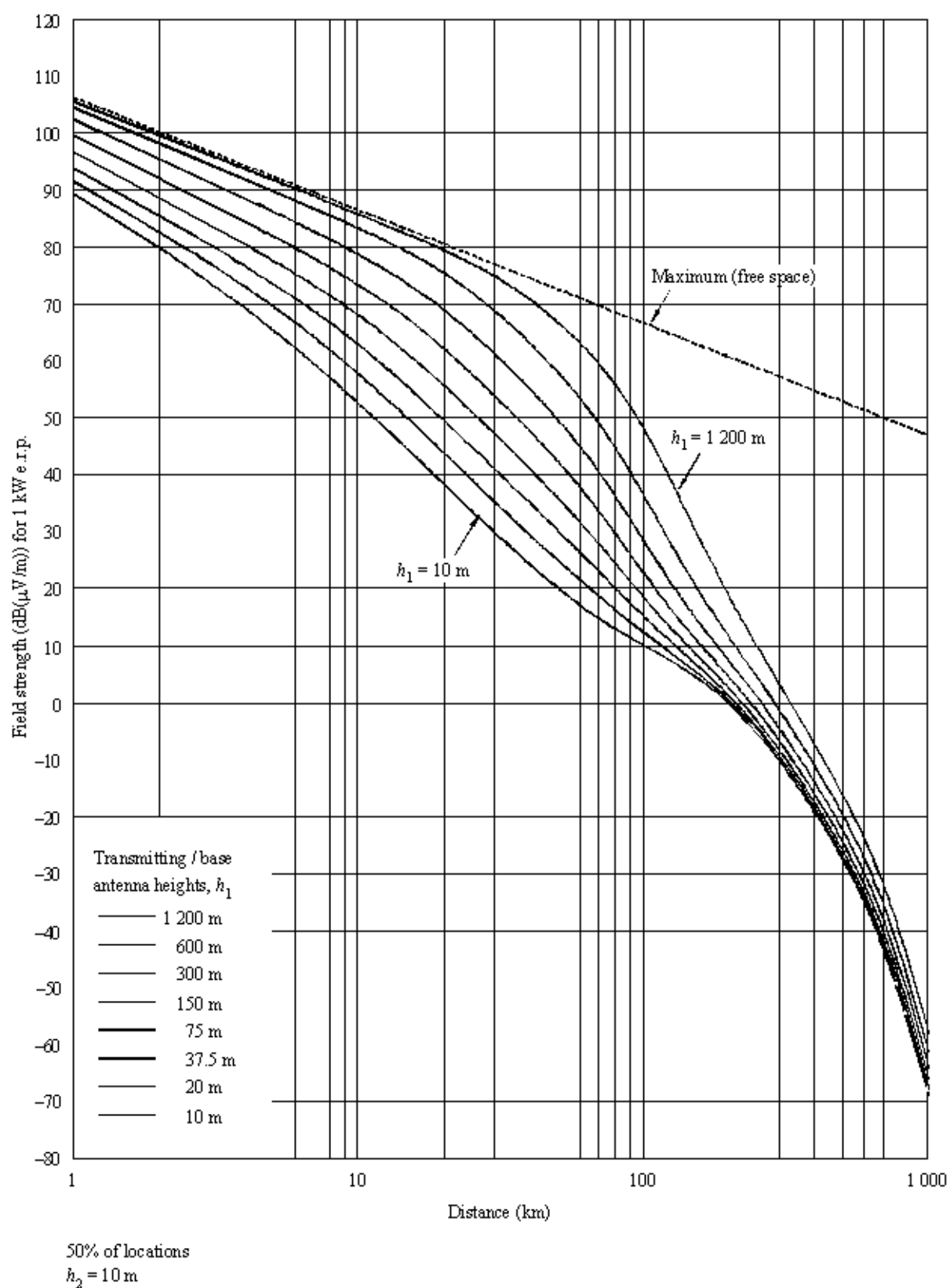
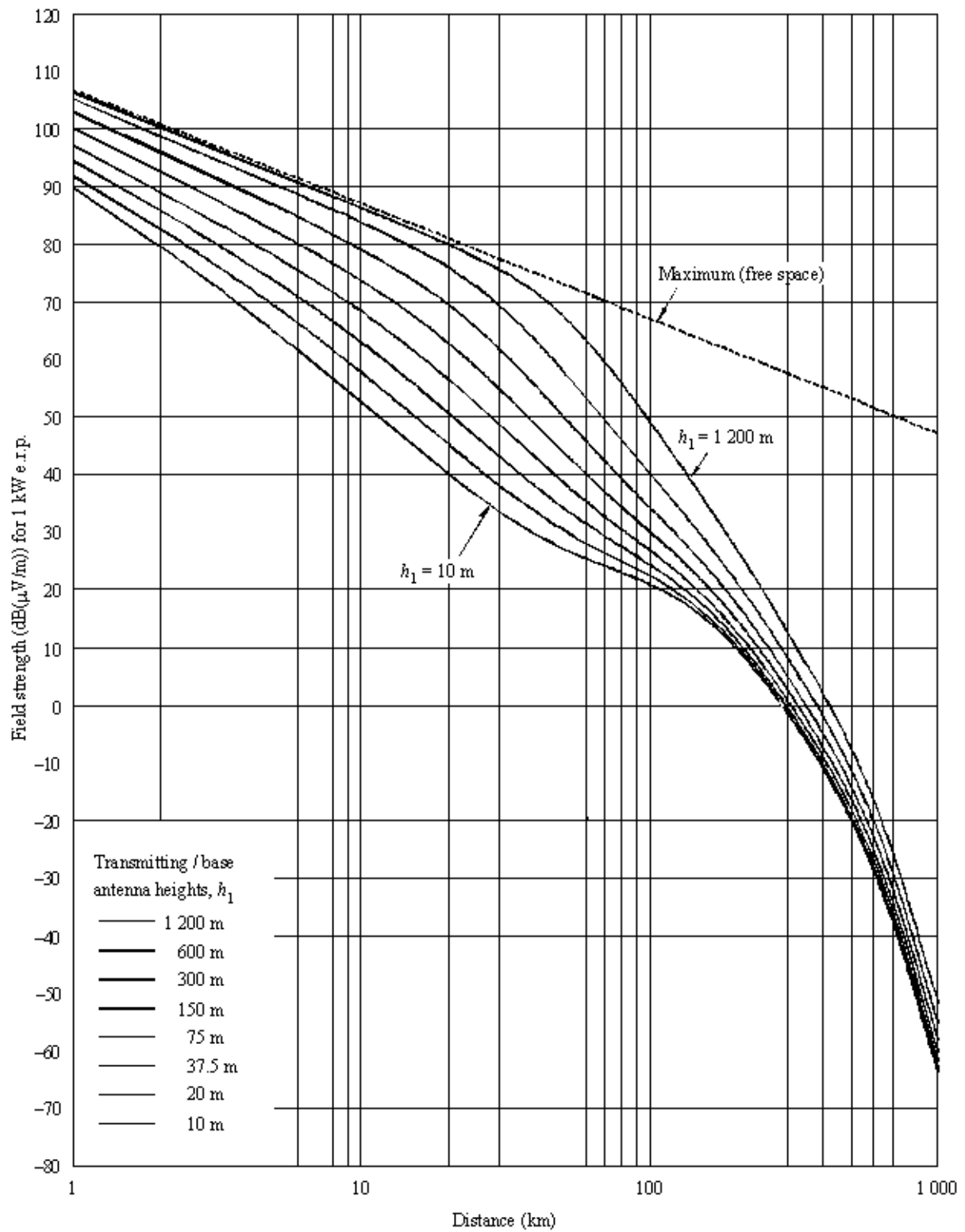
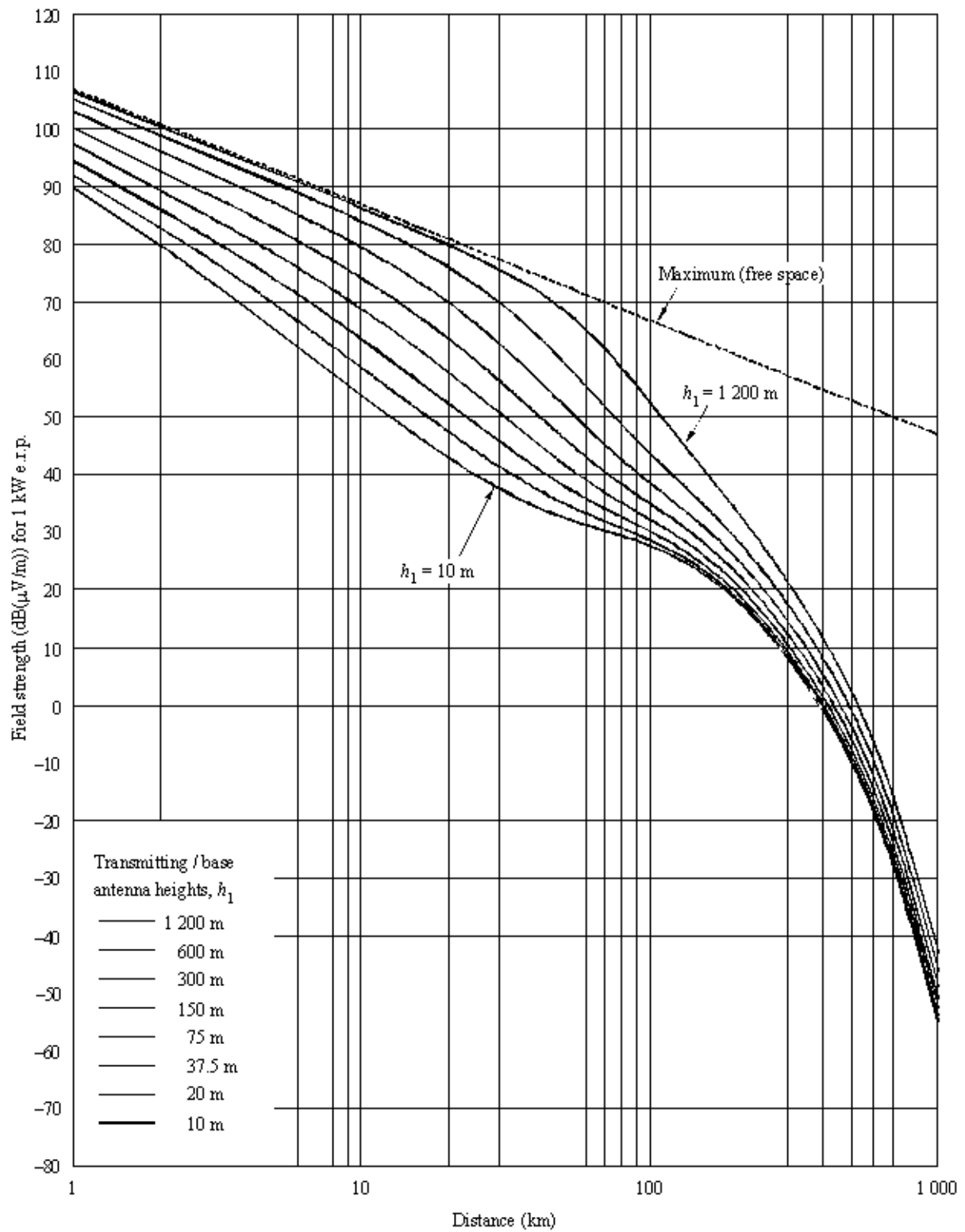


FIGURE 2
100 MHz, land, 10% time



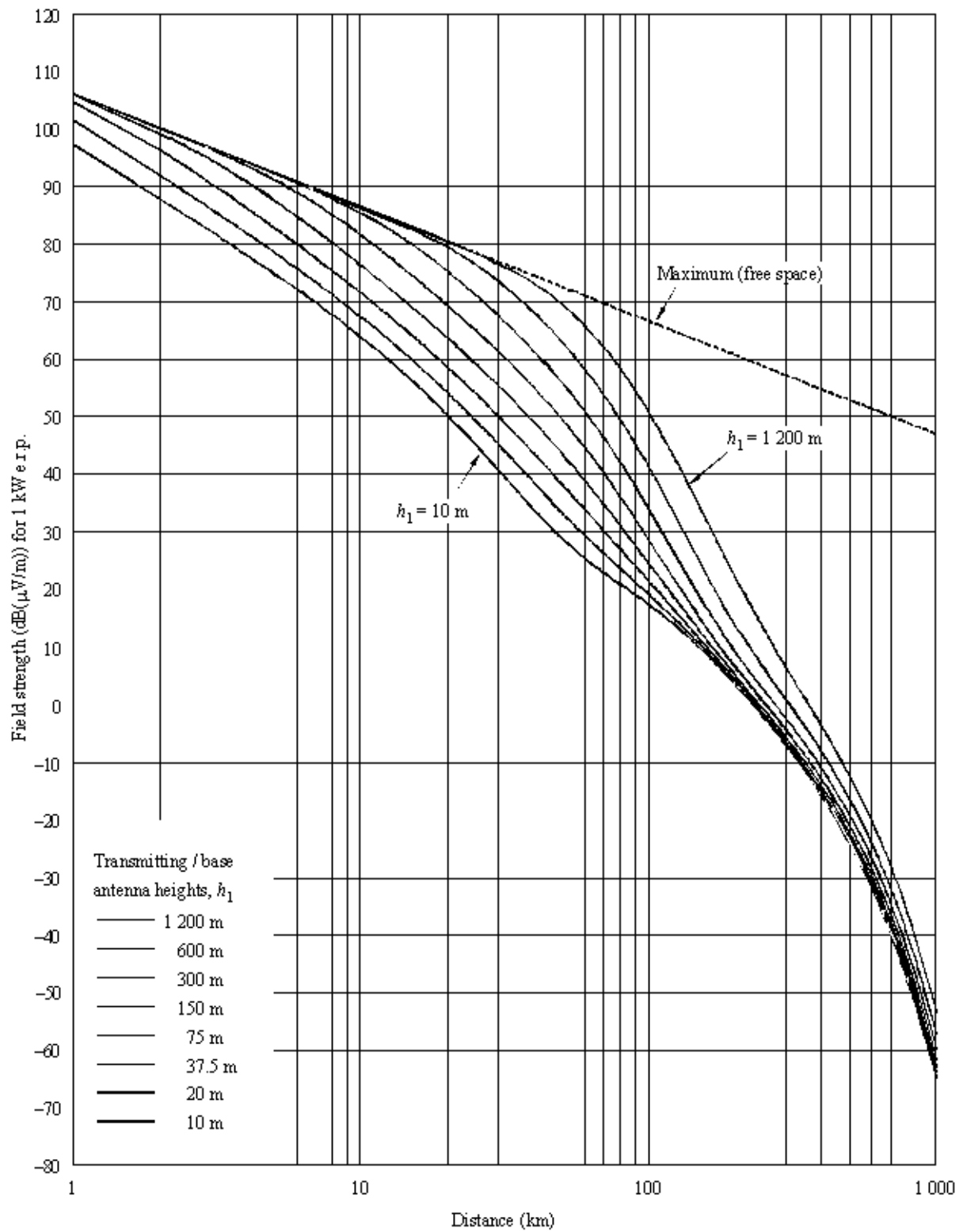
50% of locations
 $h_2 = 10\text{ m}$

FIGURE 3
100 MHz, land, 1% time



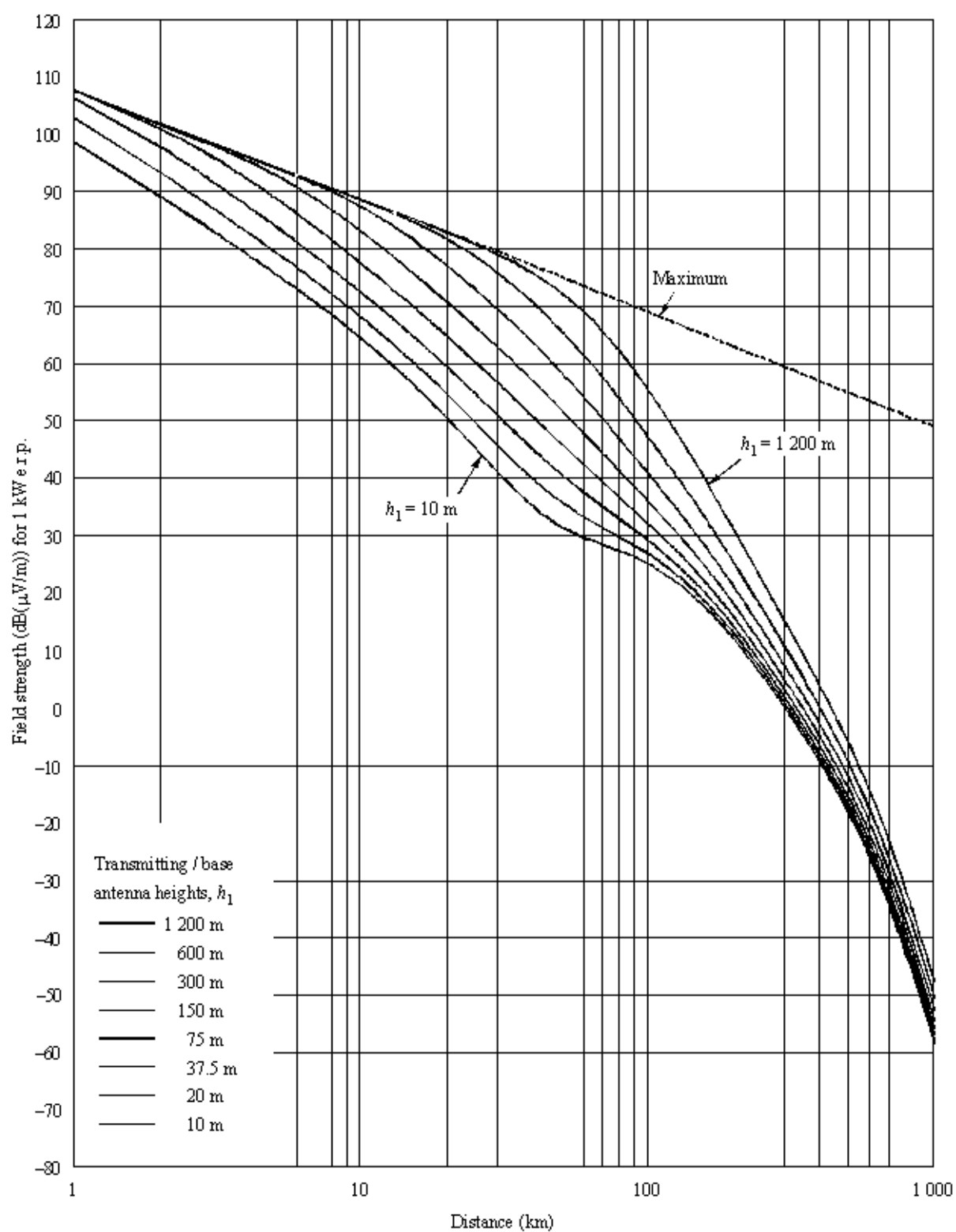
50% of locations
 $h_2 = 10$ m

FIGURE 4
100 MHz, sea, 50% time



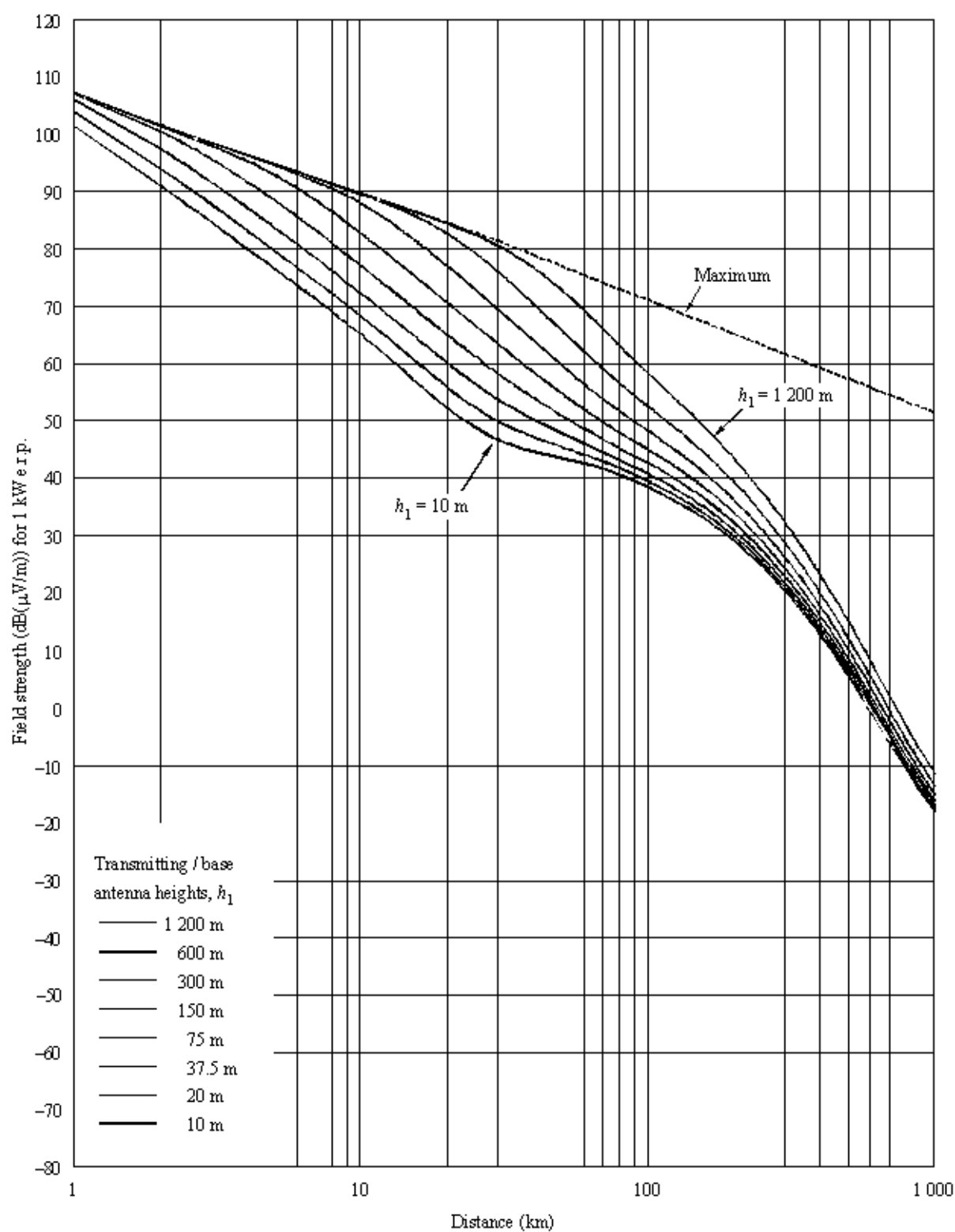
50% of locations
 $h_2 = 10$ m

FIGURE 5
100 MHz, cold sea, 10 % time



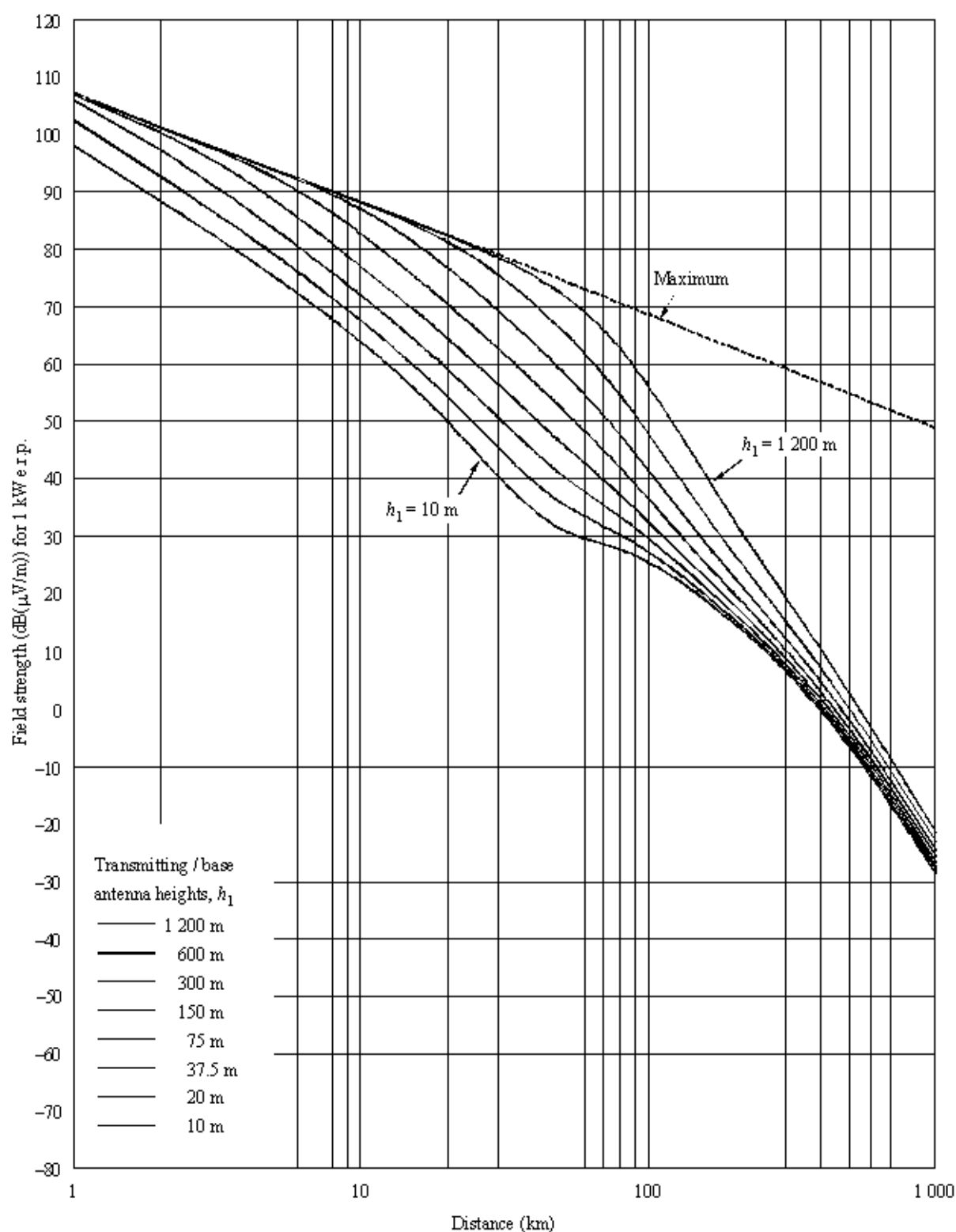
50% of locations
 $h_2 = 10$ m

FIGURE 6
100 MHz, cold sea, 1% time



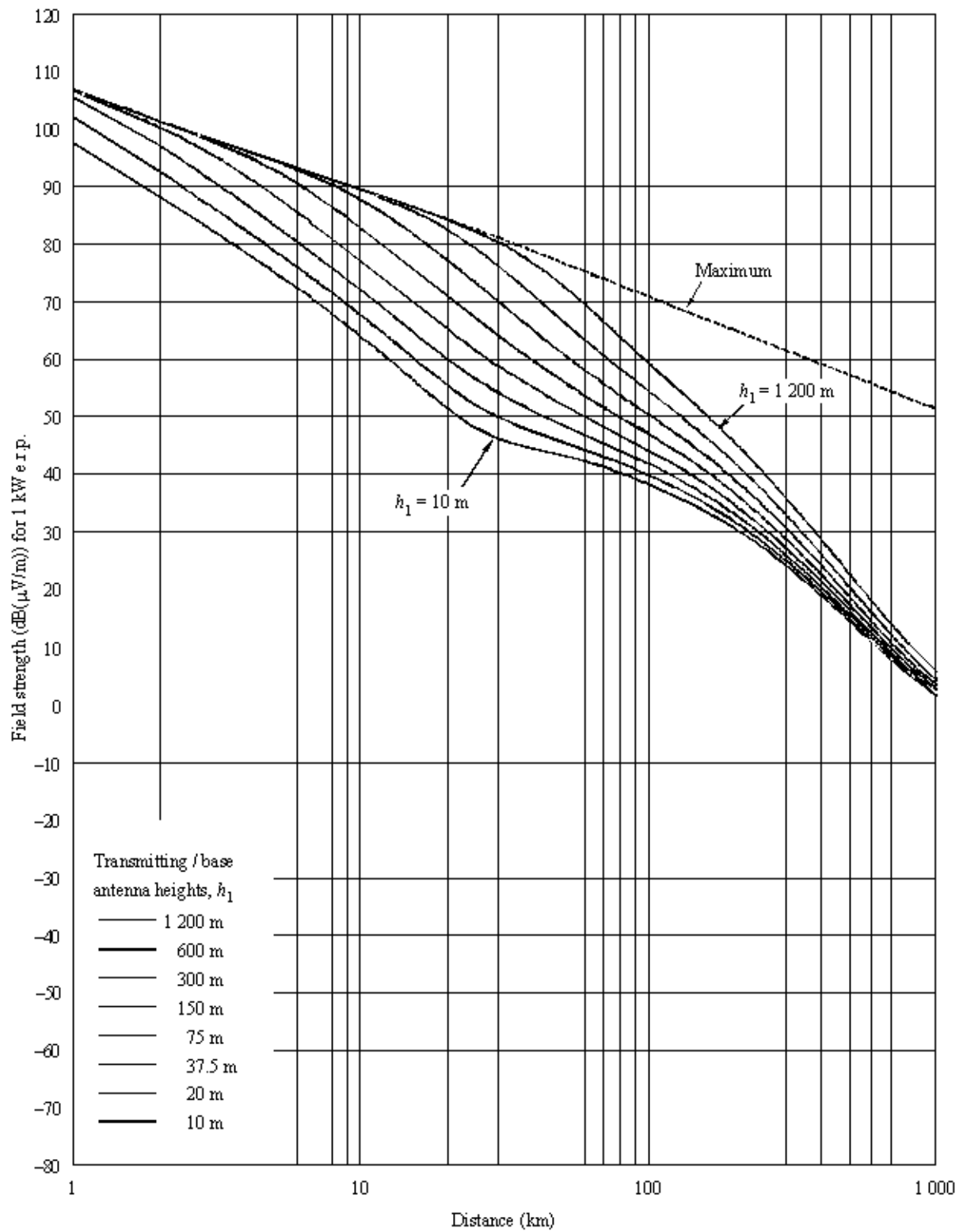
50% of locations
 $h_2 = 10$ m

FIGURE 7
100 MHz, warm sea, 10% time



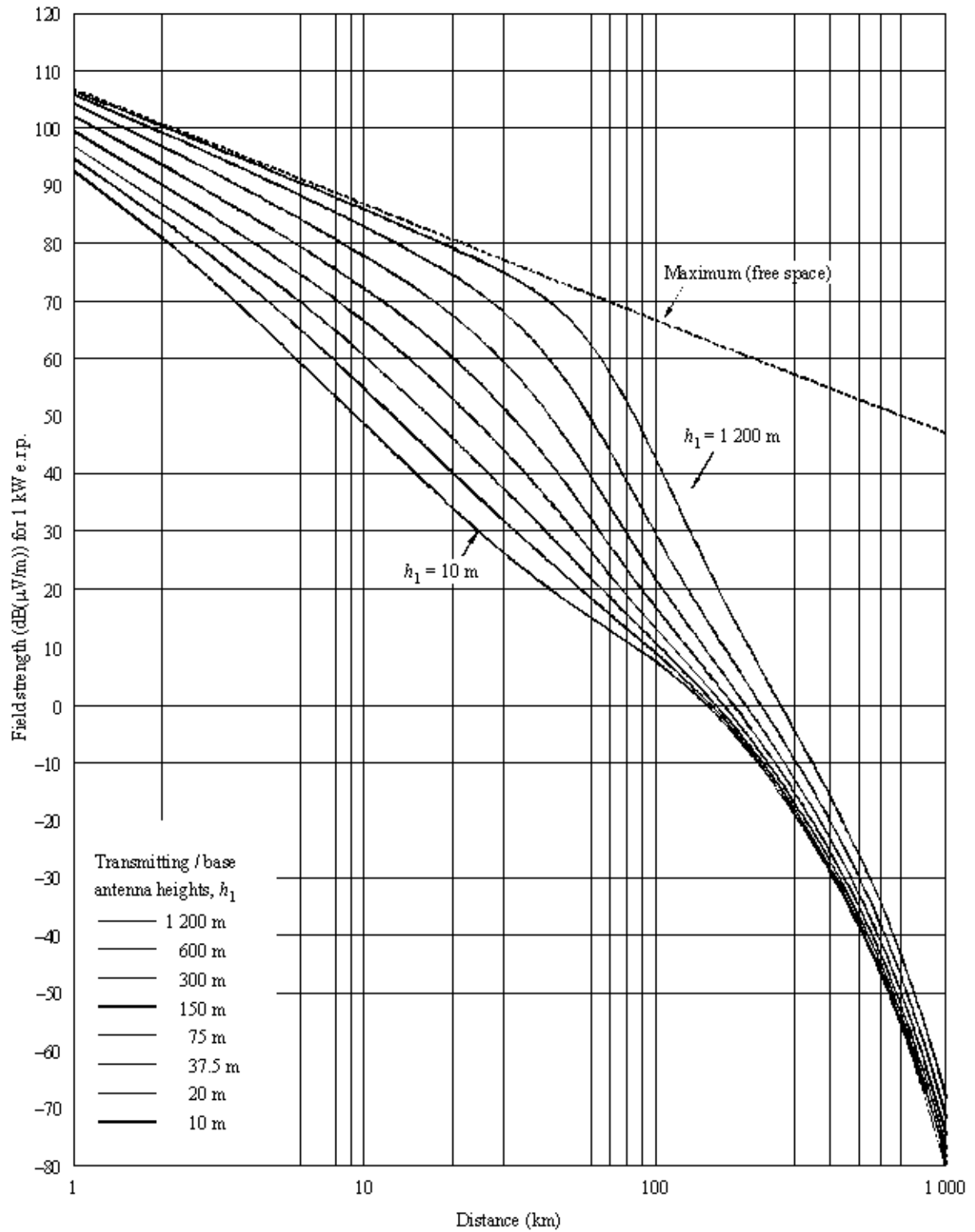
50% of locations
 $h_2 = 10$ m

FIGURE 8
100 MHz, warm sea, 1% time



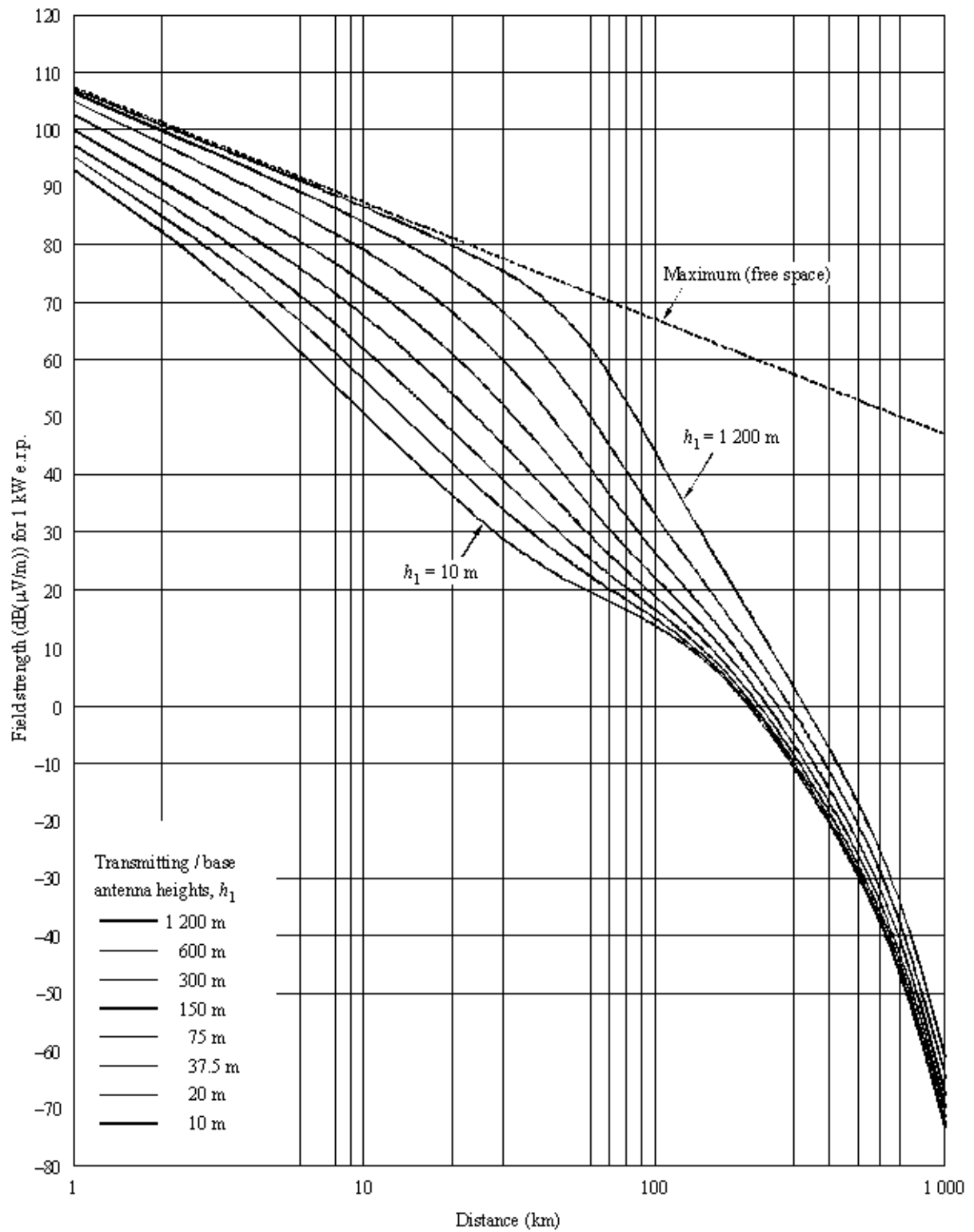
50% of locations
 $h_2 = 10$ m

FIGURE 9
600 MHz, land, 50% time



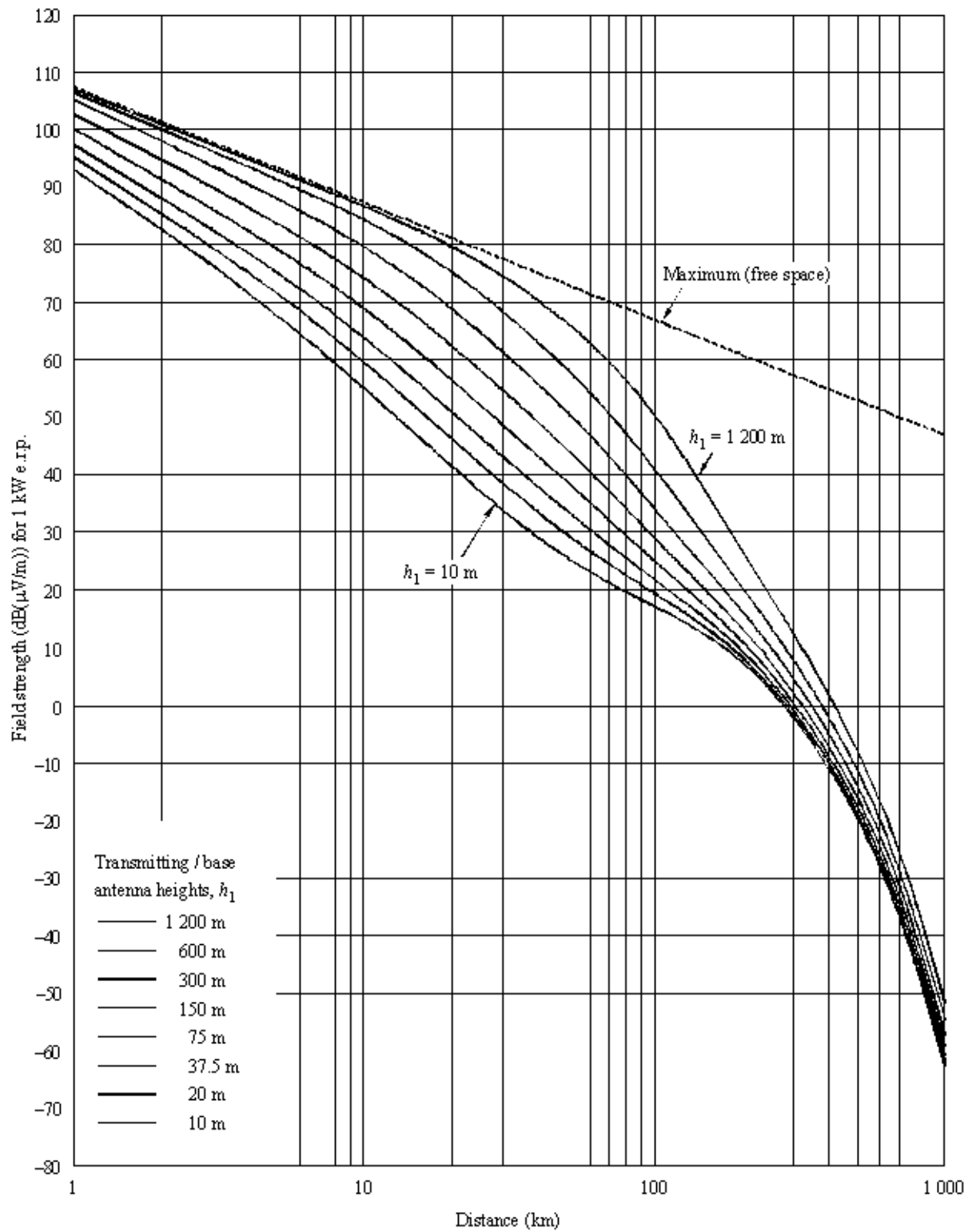
50% of locations
 $h_2 = 10\text{ m}$

FIGURE 10
600 MHz, land, 10% time



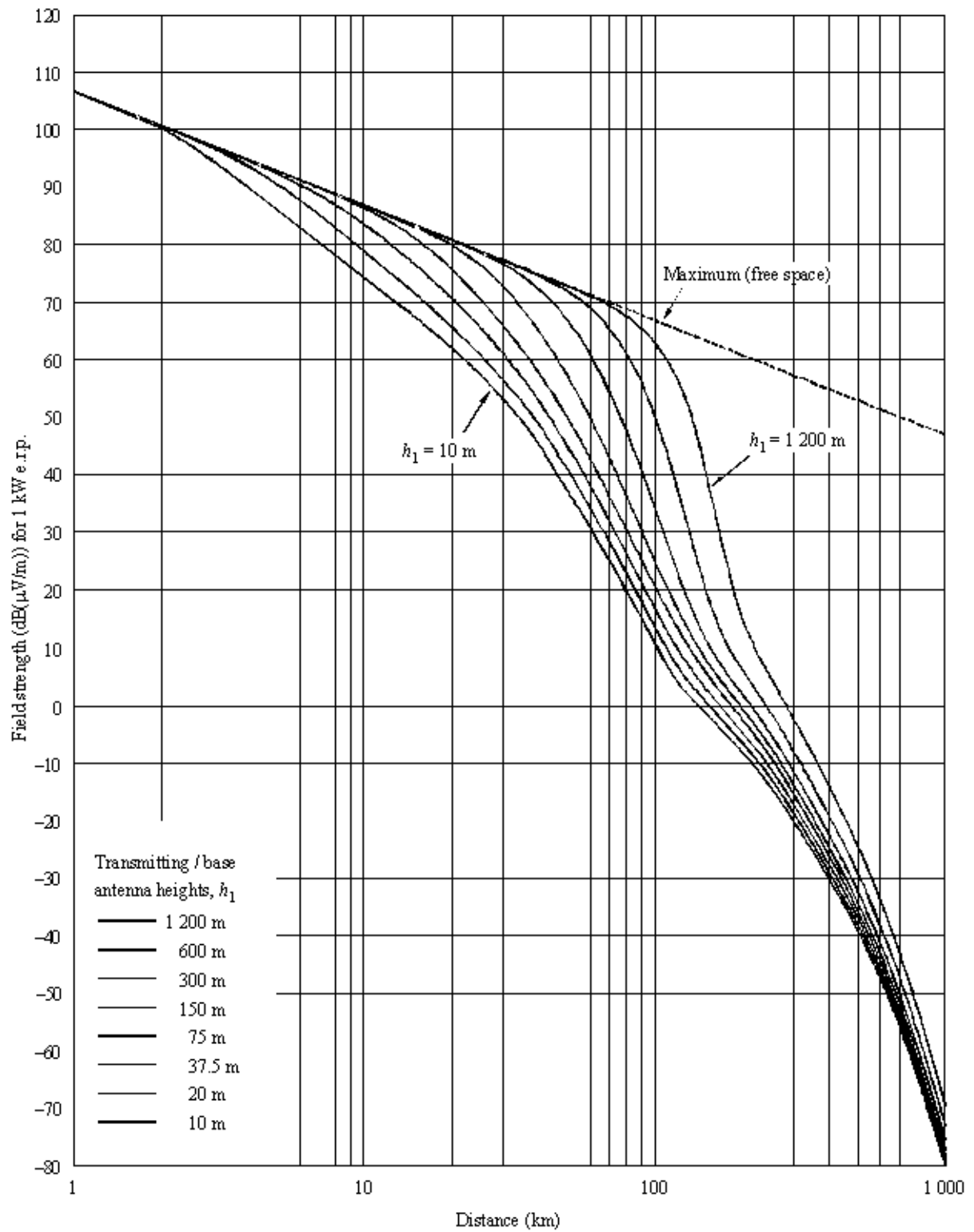
50% of locations
 $h_2 = 10\text{ m}$

FIGURE 11
600 MHz, land, 1% time



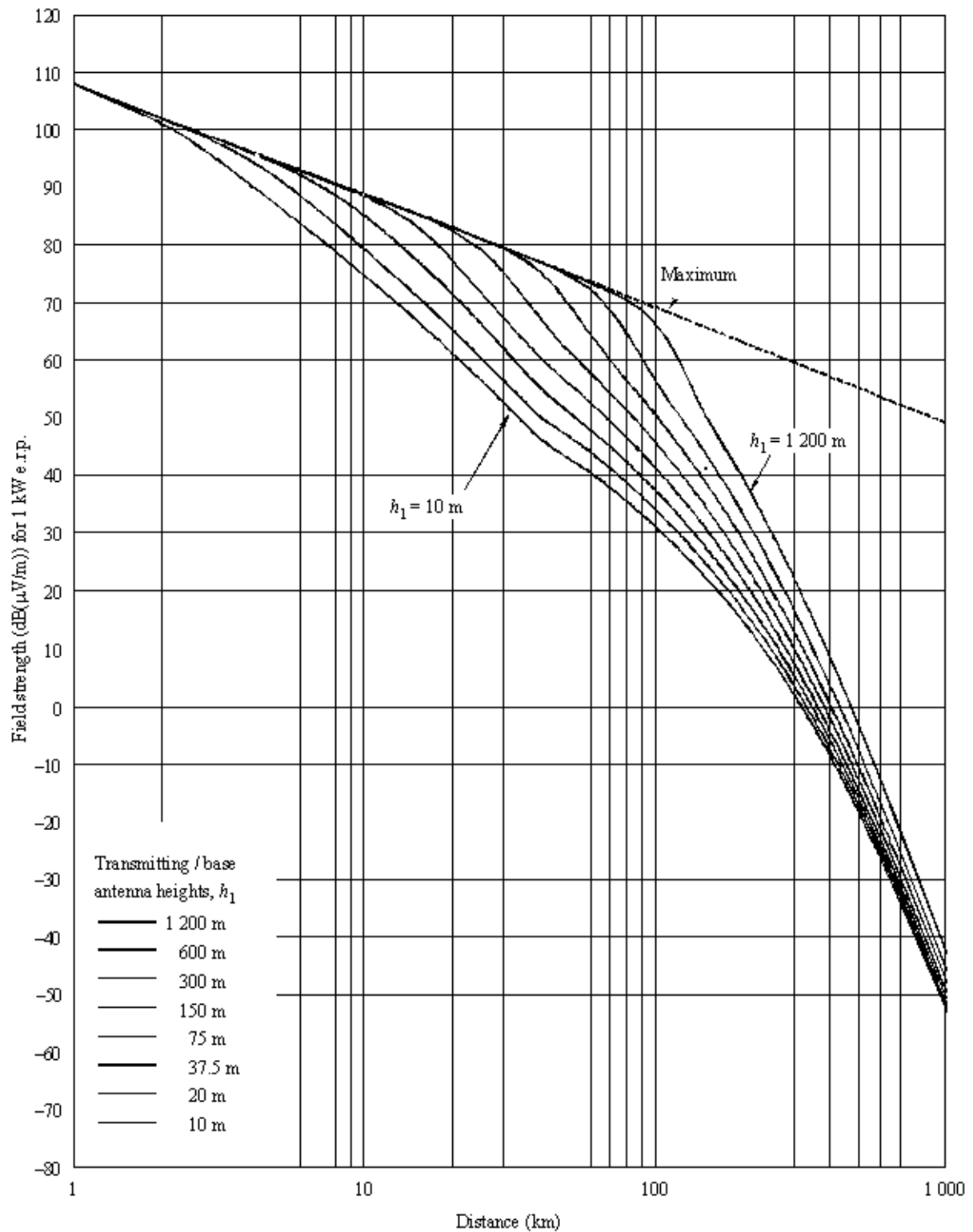
50% of locations
 $h_2 = 10\text{ m}$

FIGURE 12
600 MHz, sea, 50% time



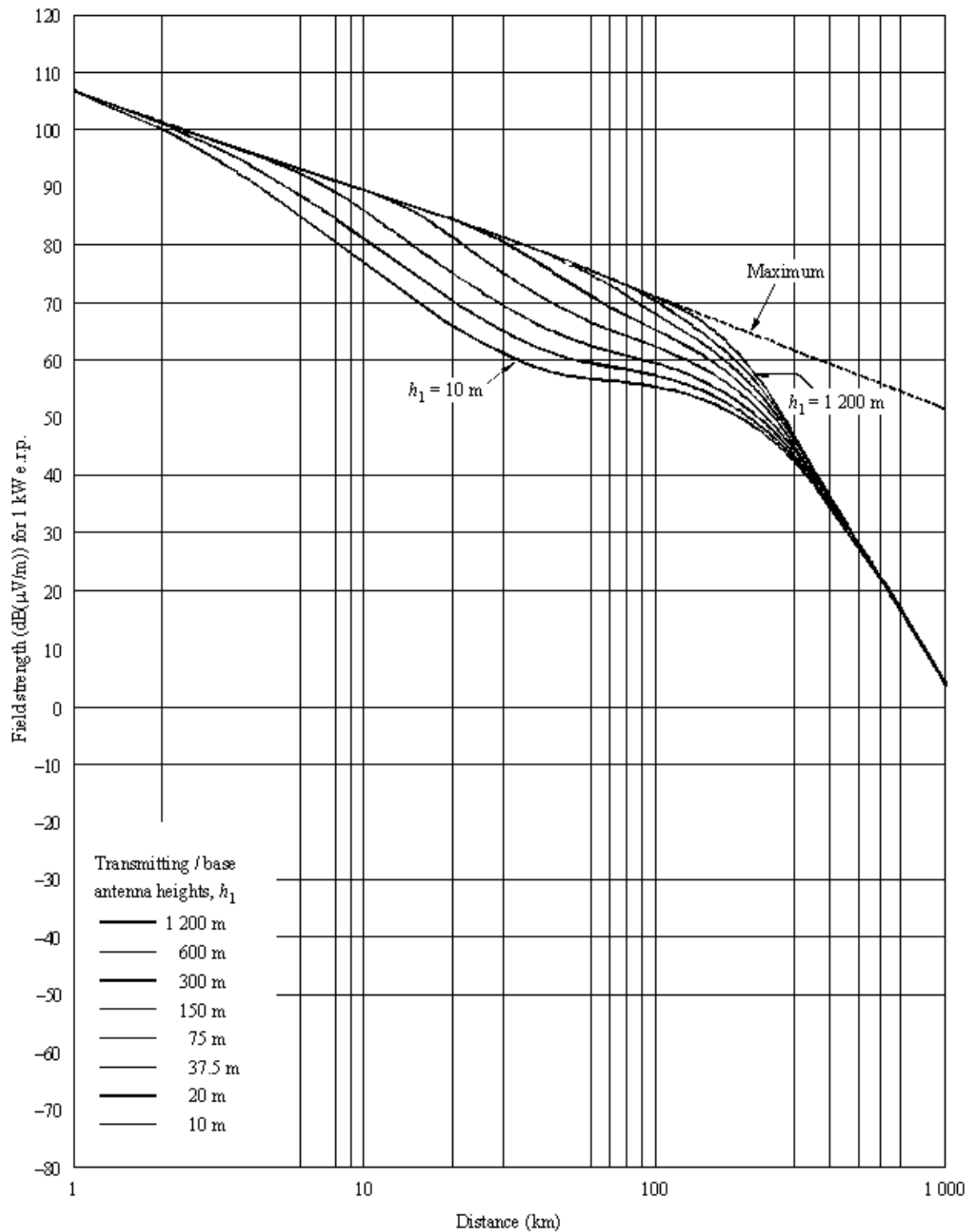
50% of locations
 $h_2 = 10$ m

FIGURE 13
600 MHz, cold sea, 10 % time



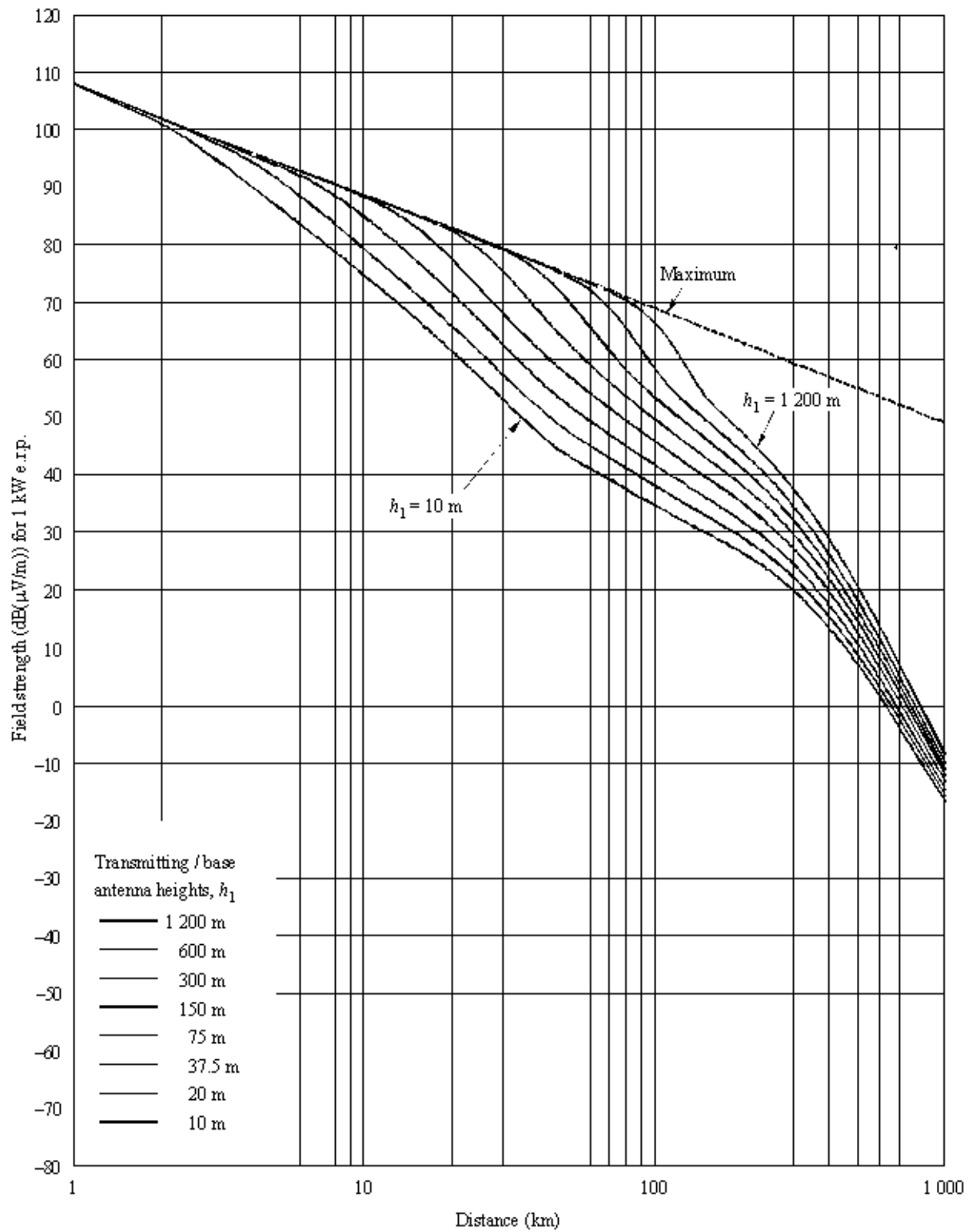
50% of locations
 $h_2 = 10$ m

FIGURE 14
600 MHz, cold sea, 1% time



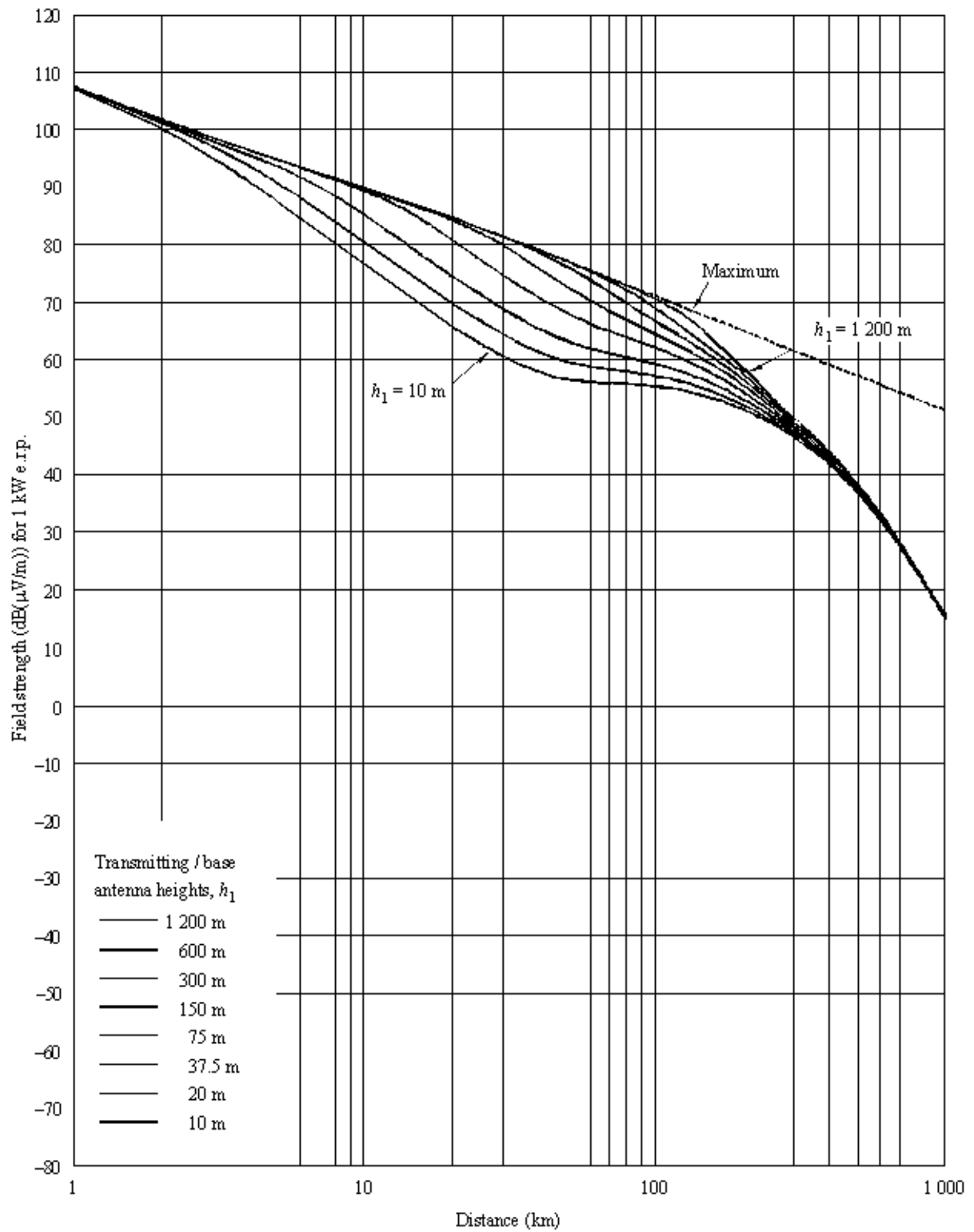
50% of locations
 $h_2 = 10$ m

FIGURE 15
600 MHz, warm sea, 10% time



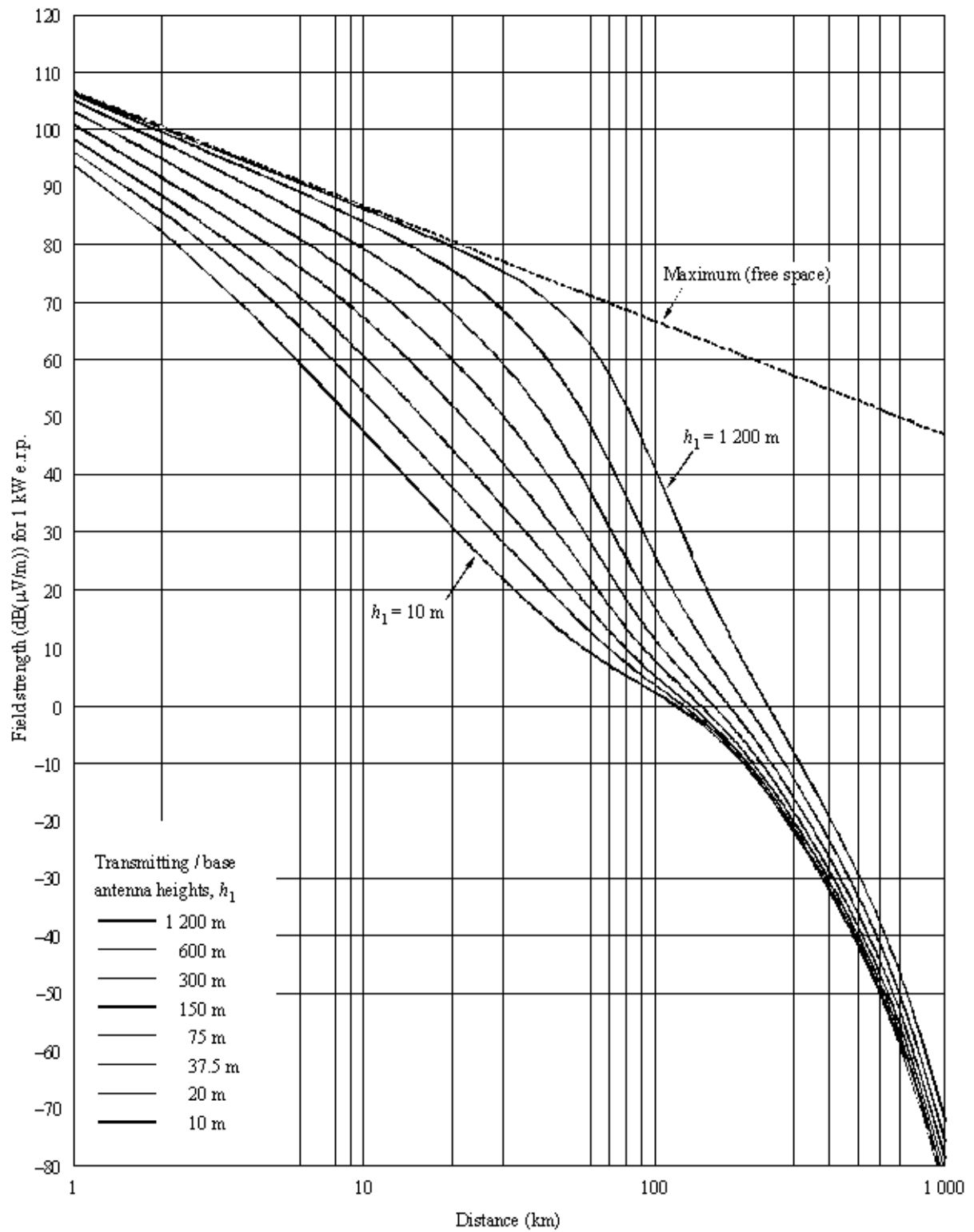
50% of locations
 $h_2 = 10$ m

FIGURE 16
600 MHz, warm sea, 1% time



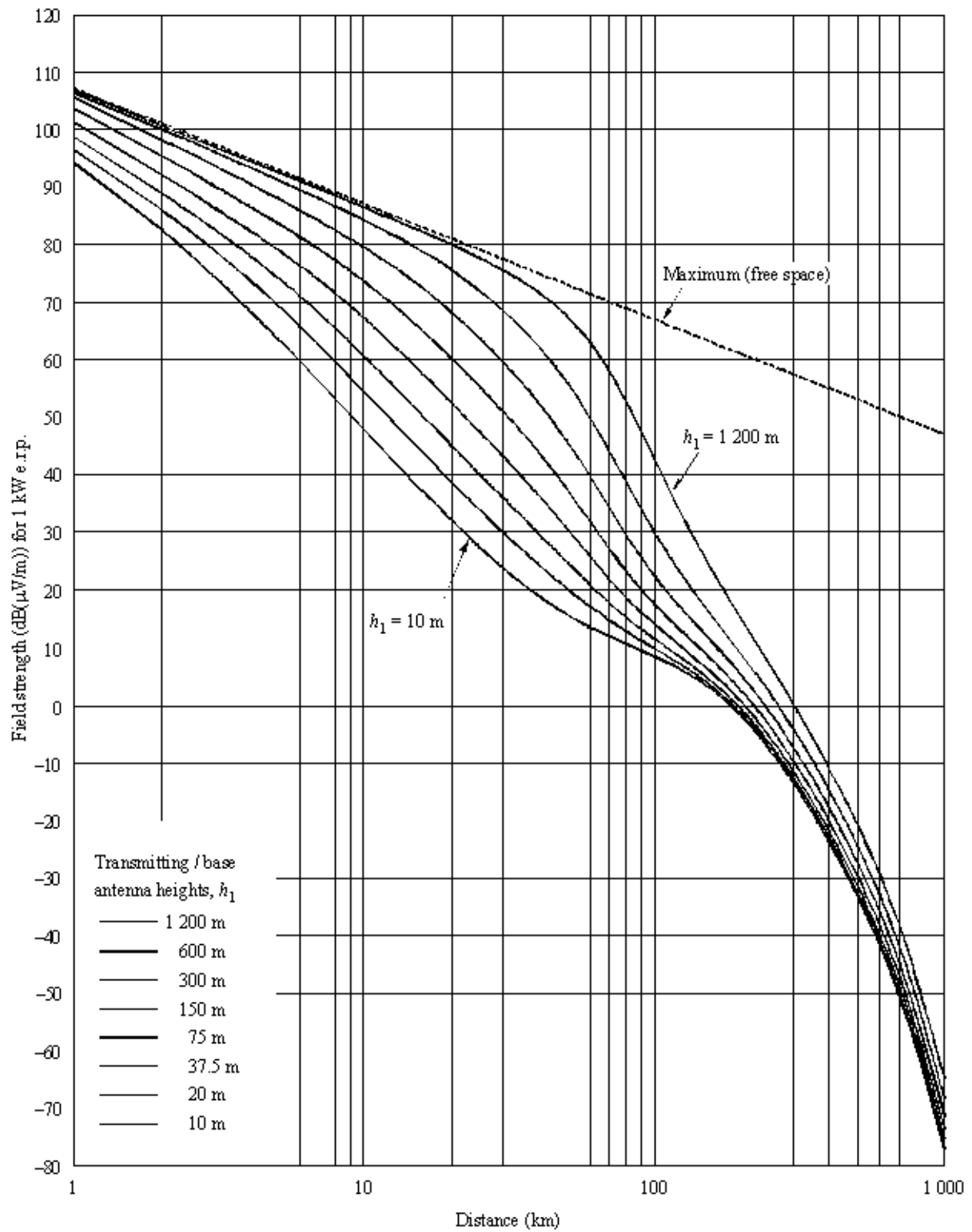
50% of locations
 $h_2 = 10$ m

FIGURE 17
2 000 MHz, land, 50% time



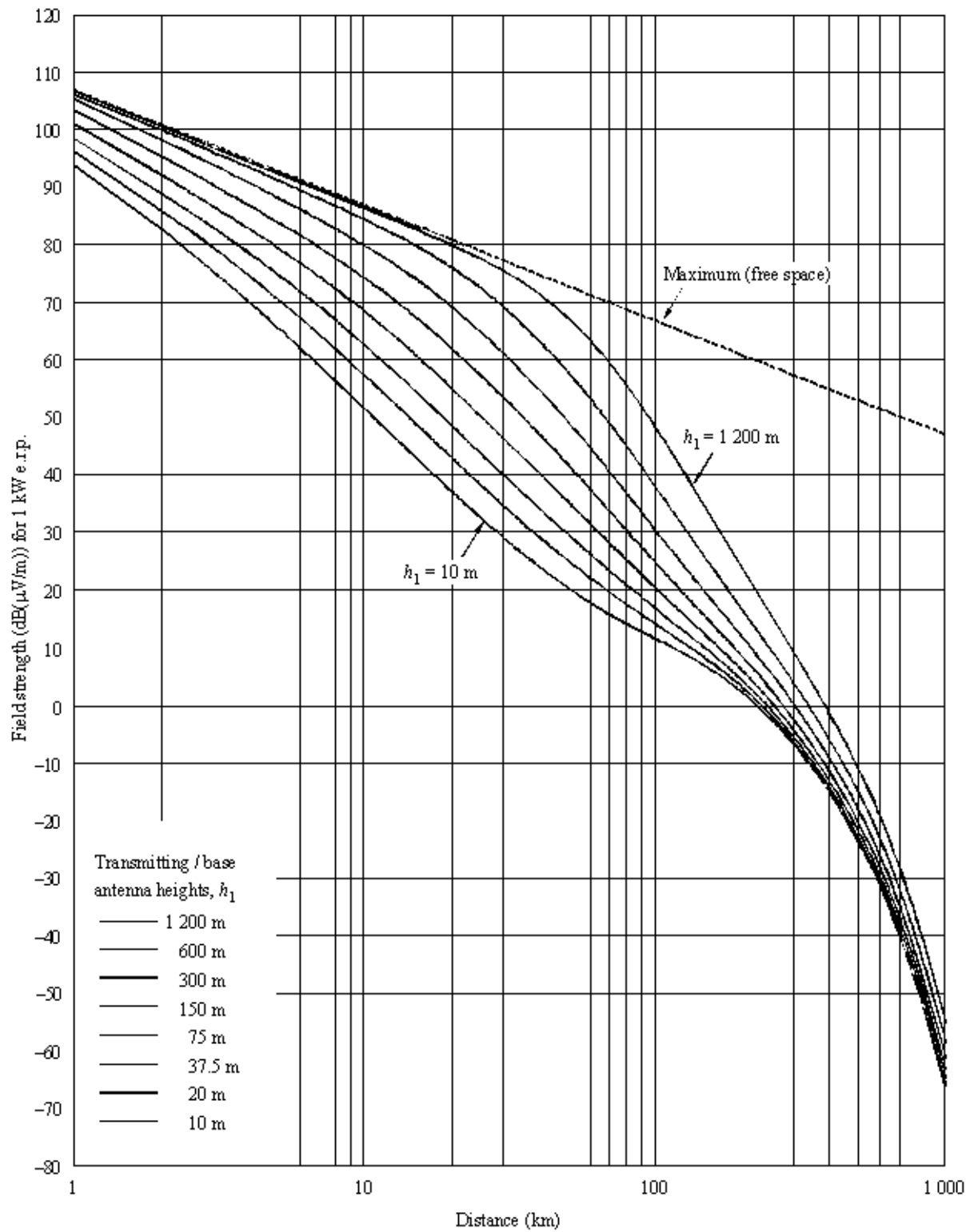
50% of locations
 $h_2 = 10\text{ m}$

FIGURE 18
2 000 MHz, land, 10 % time



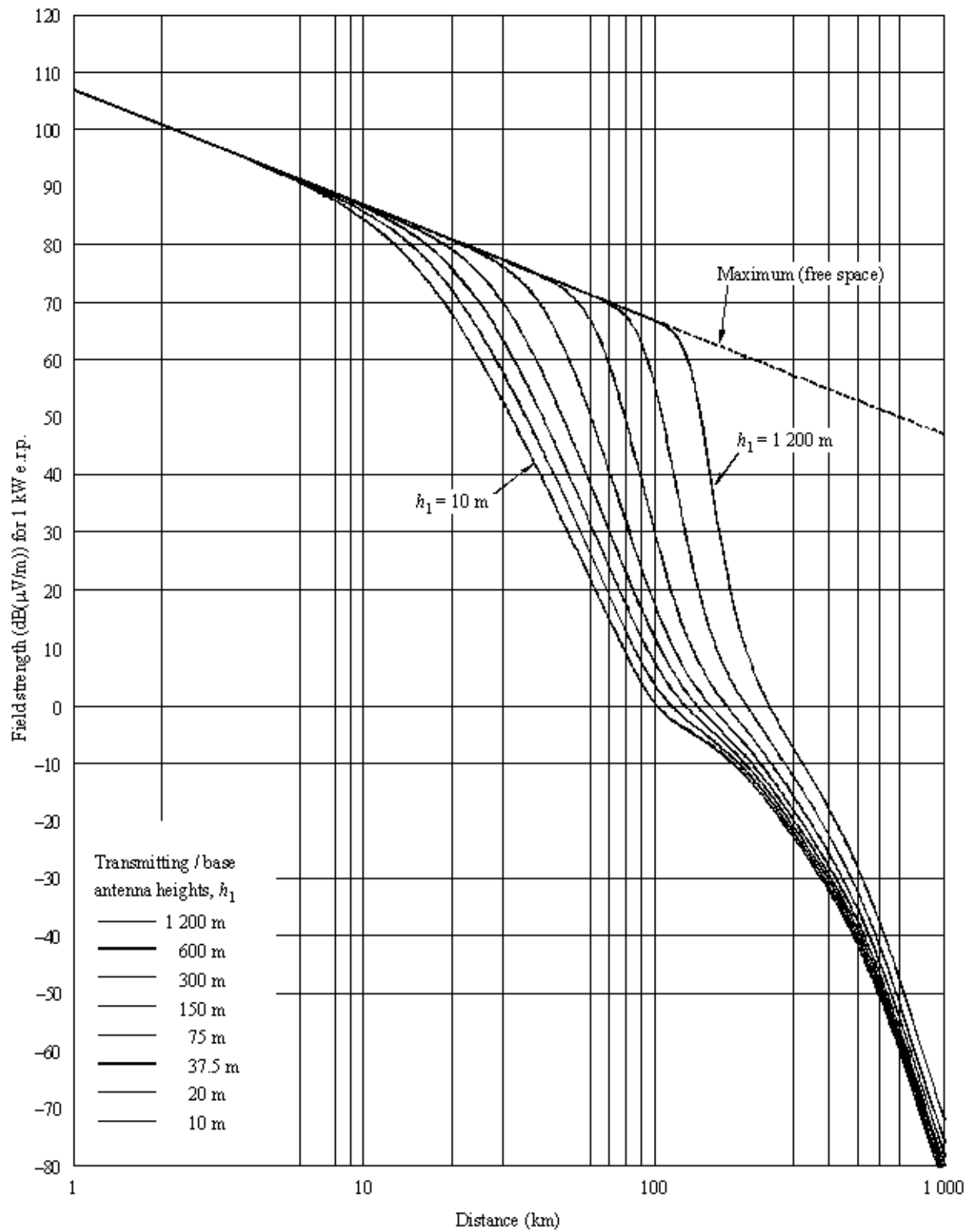
50% of locations
 $h_2 = 10\text{ m}$

FIGURE 19
2 000 MHz, land, 1% time



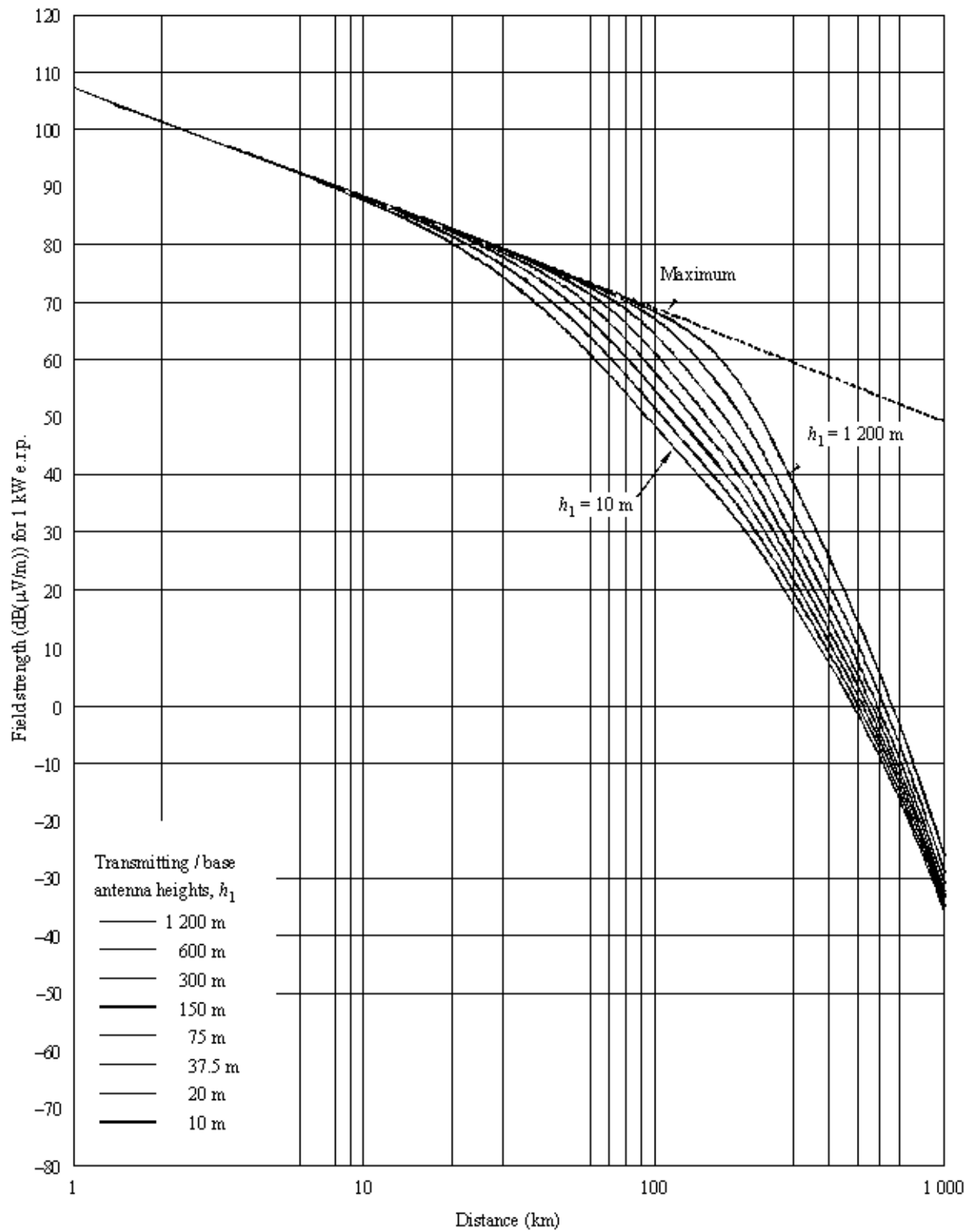
50% of locations
 $h_2 = 10\text{ m}$

FIGURE 20
2 000 MHz, sea, 50% time



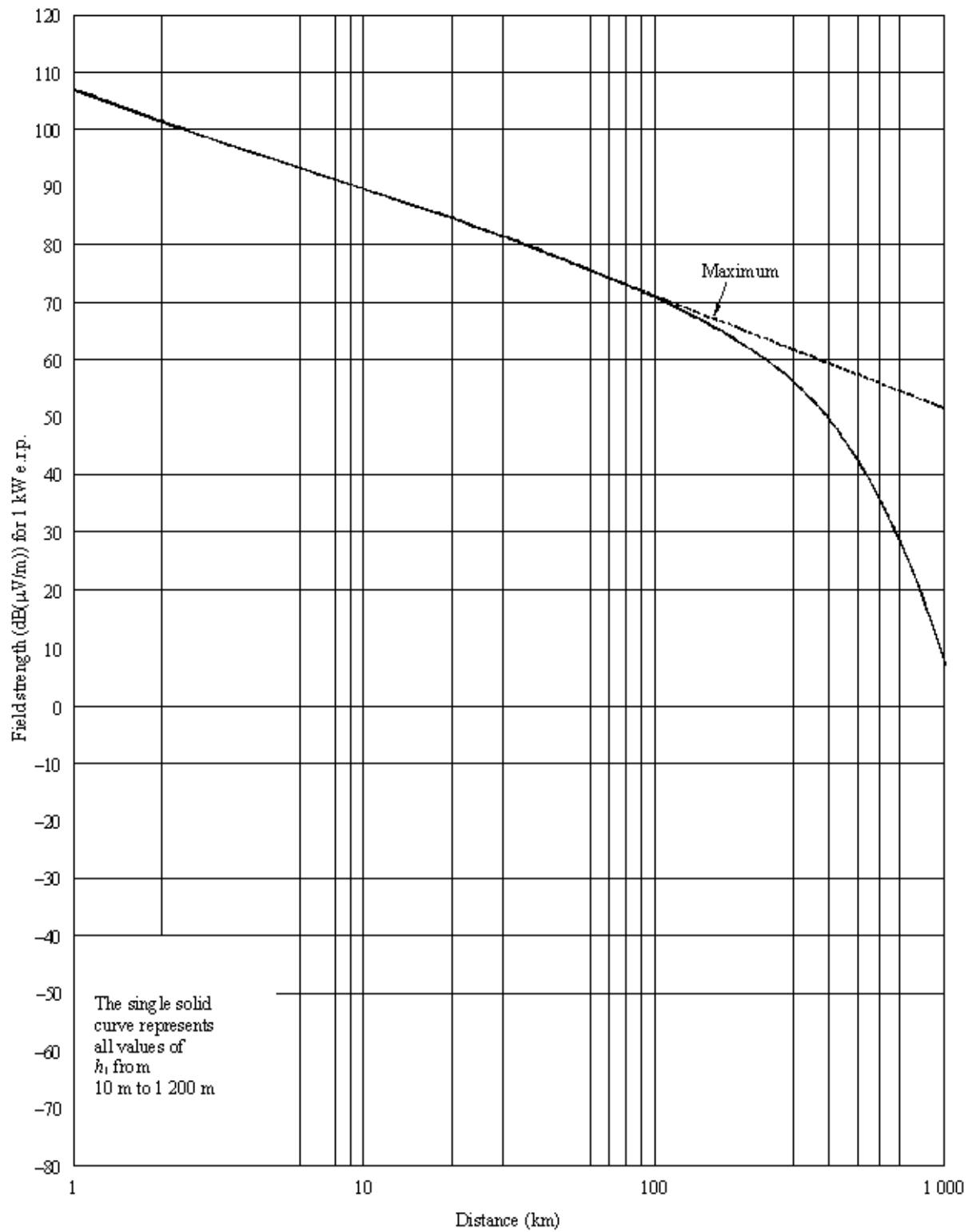
50% of locations
 $h_2 = 10\text{ m}$

FIGURE 21
2 000 MHz, cold sea, 10% time



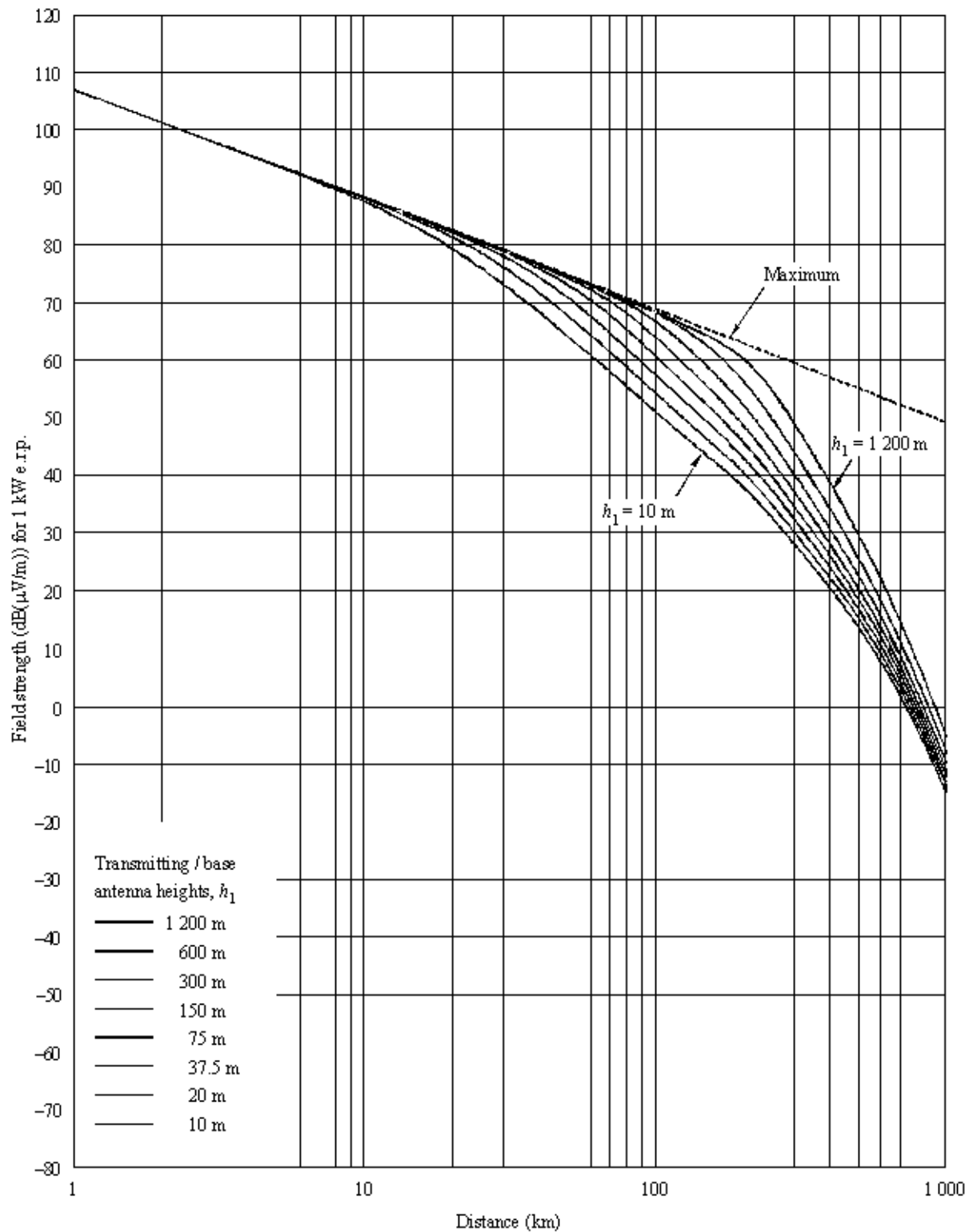
50% of locations
 $h_2 = 10$ m

FIGURE 22
2 000 MHz, cold sea, 1% time



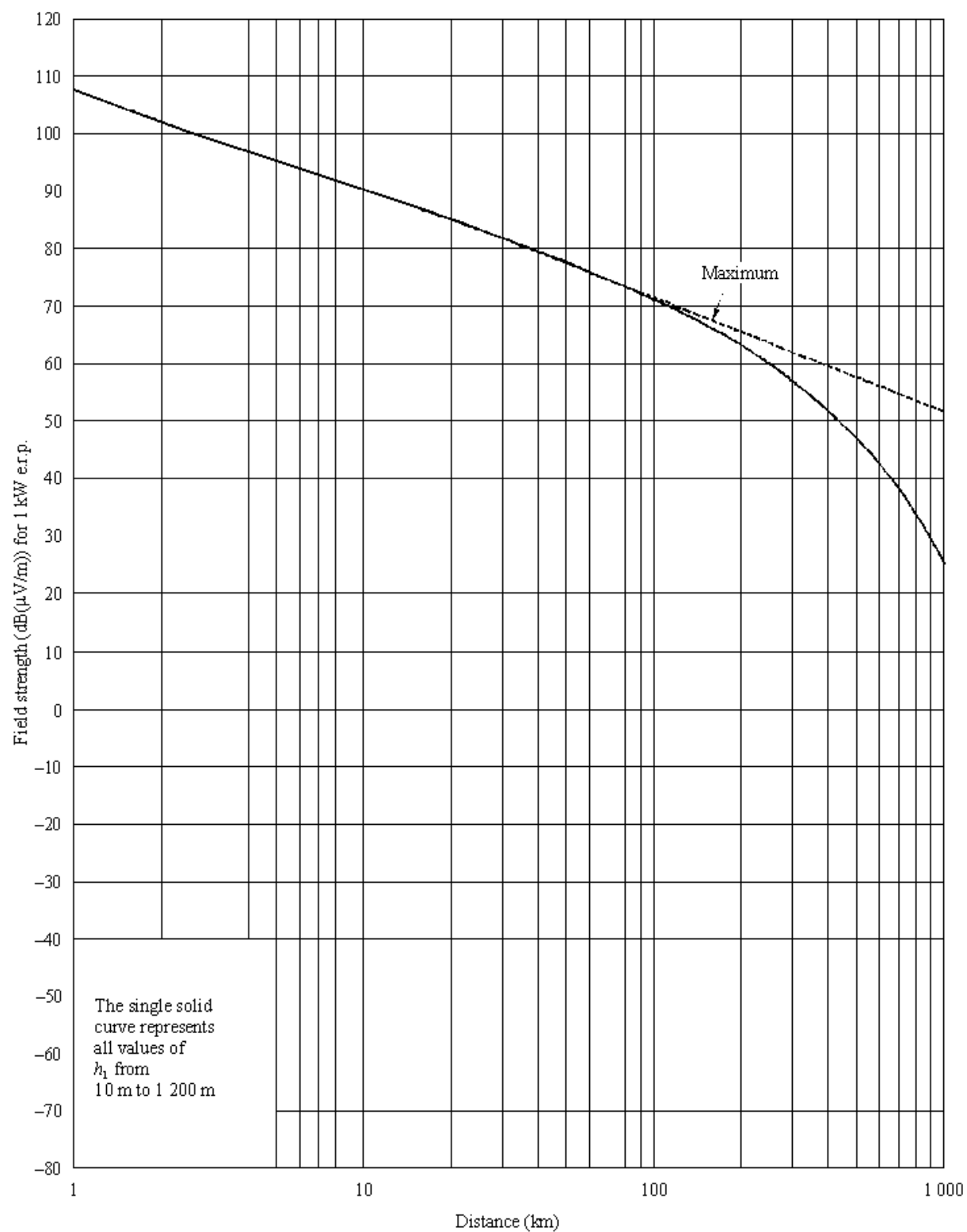
50% of locations
 $h_2 = 10$ m

FIGURE 23
2 000 MHz, warm sea, 10 % time



50% of locations
 $h_2 = 10$ m

FIGURE 24
2 000 MHz, warm sea, 1% time



50% of locations

$h_2 = 10$ m