



2nd International HF Broadcasting Conference (Florence-Rapallo, 1950)

A set of Field Intensity charts and charts showing curves of Optimum Working Frequency (OWF) was prepared by the United States delegation to facilitate the work of the 2nd International HF Broadcasting Conference (Florence-Rapallo, 1950).

The pages in this file are a small sample of what is included in the documents. The complete set is available for consultation at the ITU Library & Archives in Geneva, Switzerland, and includes the following charts:

- Field Intensity Charts – Sunspot number: 5
- Field Intensity Charts – Sunspot number: 70
- Additional Field Intensity Charts (Sunspot number 70 and 5) and OWF Charts

Please contact library@itu.int for more information.

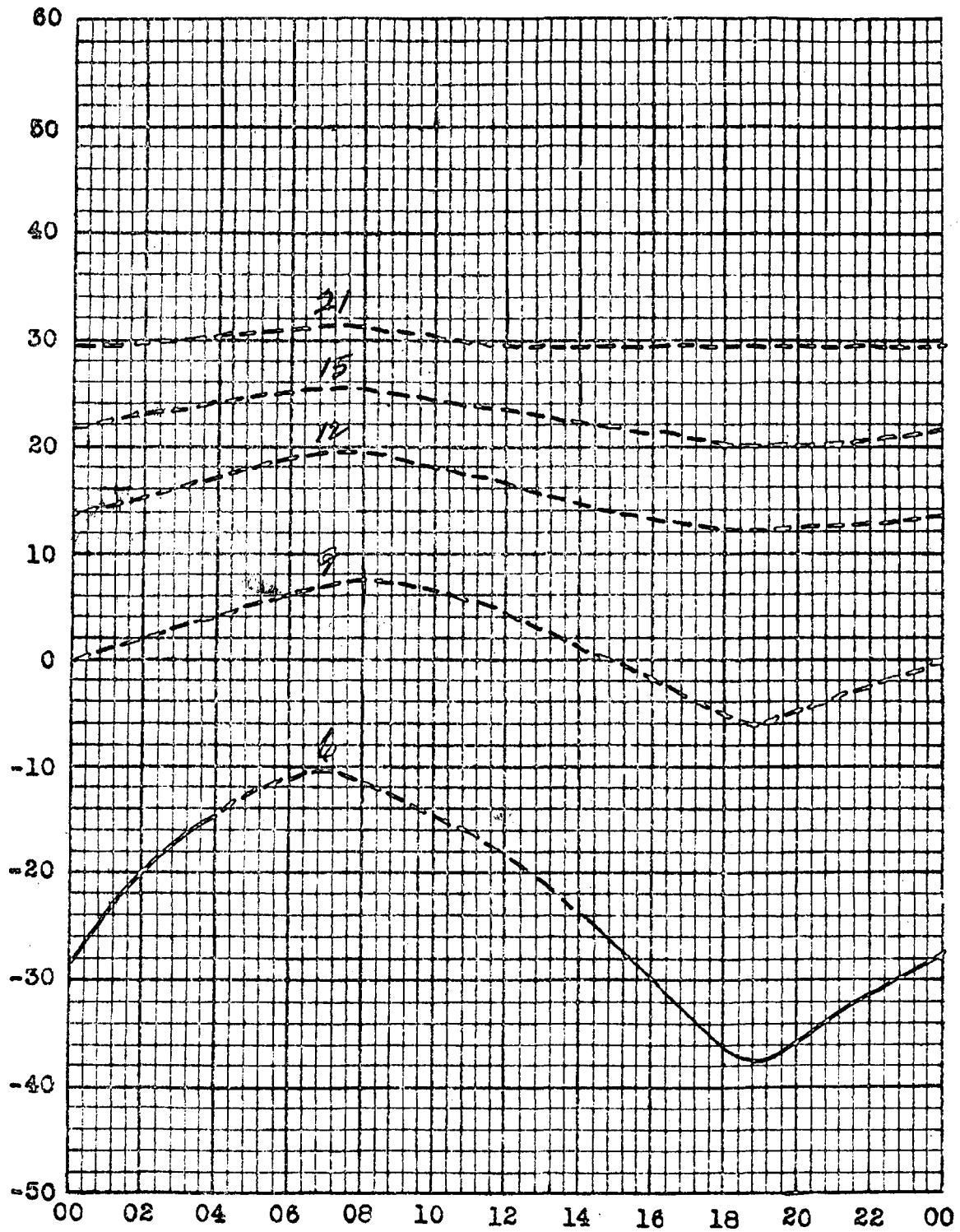
Delivered Median Field Intensity
in Decibels above 1 Microvolt
per Meter for 1 Kilowatt Radiated
Power

71N 130W

60N 98W

Transmitting Area 2 Receiving Area 3
Month JUNE Sunspot Number 5
Distance 1800 Km.

Median Field Intensity (DB above 1 uv/m) for
1 KW Radiated Power



Delivered Median Field Intensity
in Decibels above 1 Microvolt
per Meter for 1 Kilowatt Radiated
Power

71N 130W

60N 98W

Transmitting Area 2

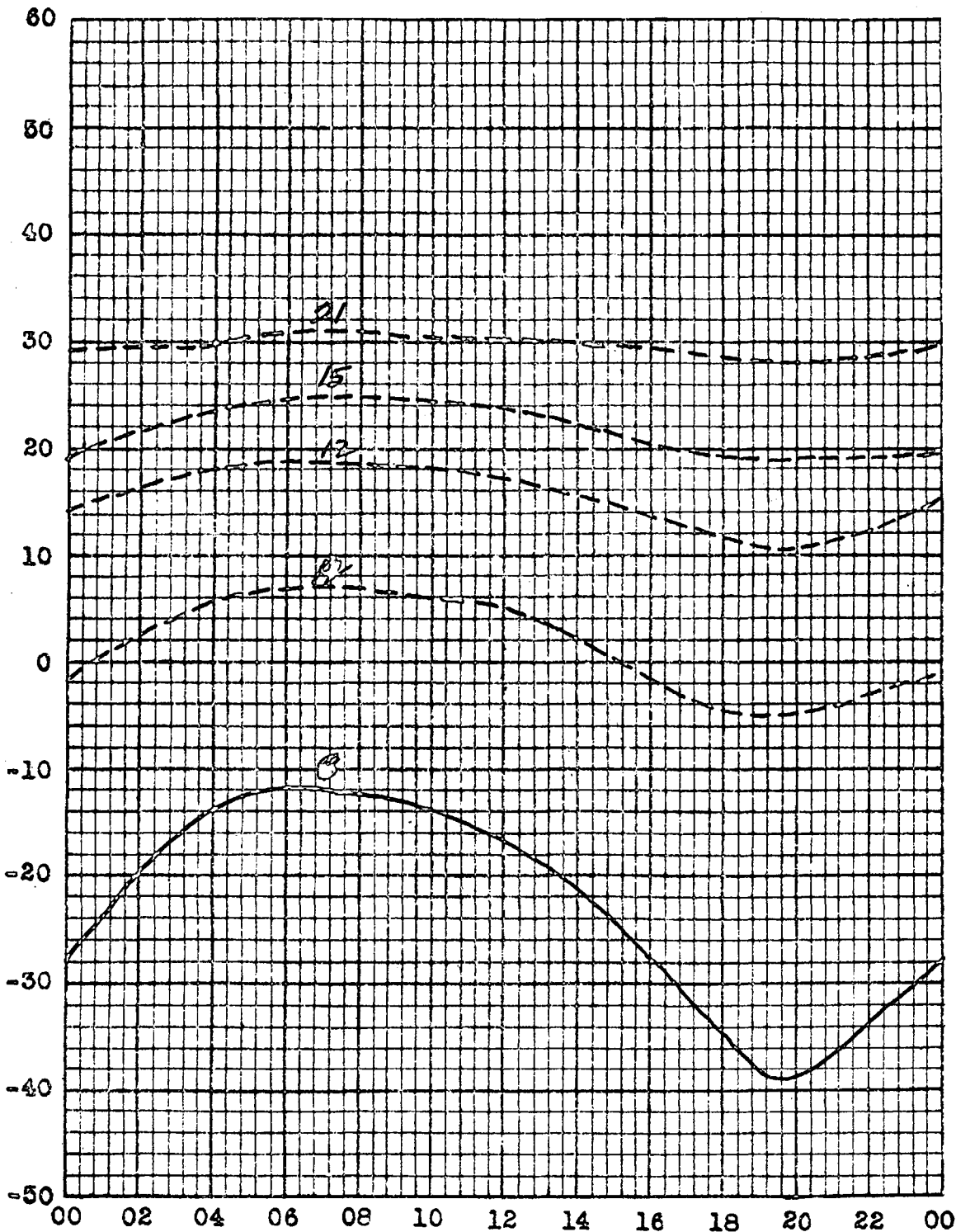
Receiving Area 3

Month SEPT

Sunspot Number 5

Distance 1800 Km.

Median Field Intensity (DB above 1 uv/m) for
1 KW Radiated Power



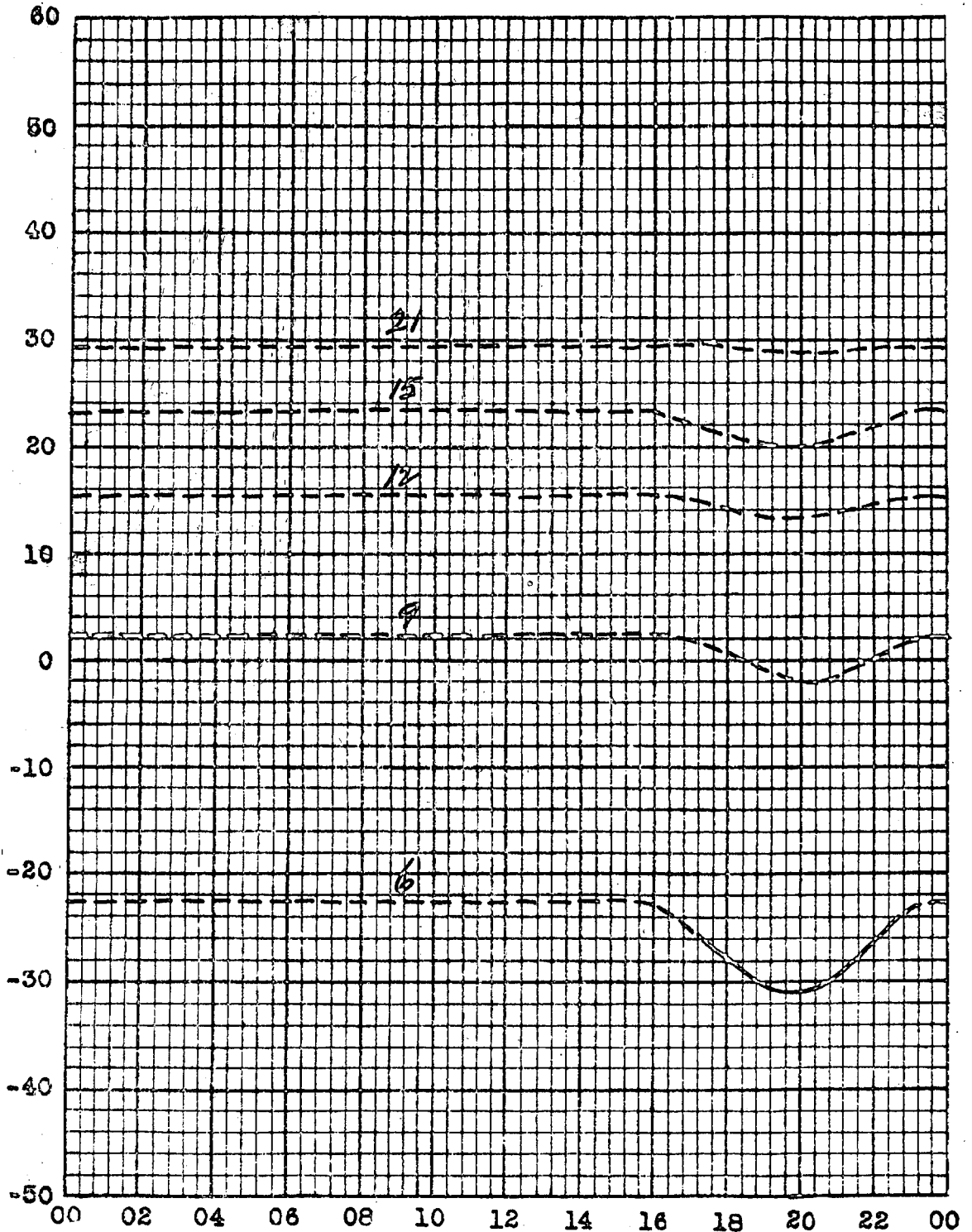
Delivered Median Field Intensity
 in Decibels above 1 Microvolt
 per Meter for 1 Kilowatt Radiated
 Power

71N 130W

60N 98W

Transmitting Area 2 Receiving Area 3
 Month DEC Sunspot Number 5
 Distance 1800 Km.

Median Field Intensity (DB above 1 uv/m) for
 1 KW Radiated Power



Time GMT

41080

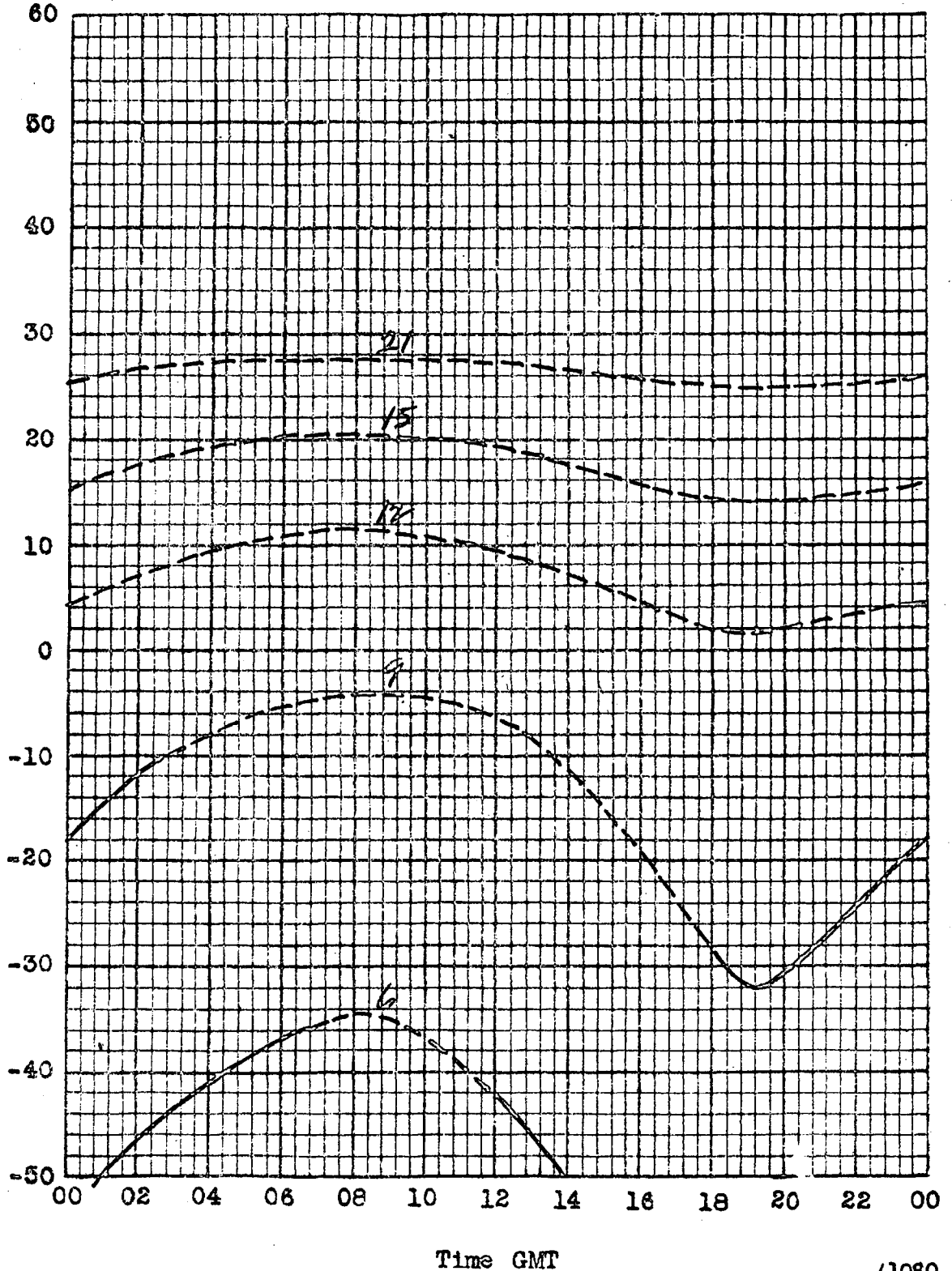
Delivered Median Field Intensity
in Decibels above 1 Microvolt
per Meter for 1 Kilowatt Radiated
Power

71N 130W

60N 98W

Transmitting Area 2 Receiving Area 3
Month JUNE Sunspot Number 70
Distance 1800 Km.

Median Field Intensity (DB above 1 uv/m) for
1 KW Radiated Power



Delivered Median Field Intensity
 in Decibels above 1 Microvolt
 per Meter for 1 Kilowatt Radiated
 Power

71N 130W

60N 98W

Transmitting Area 2

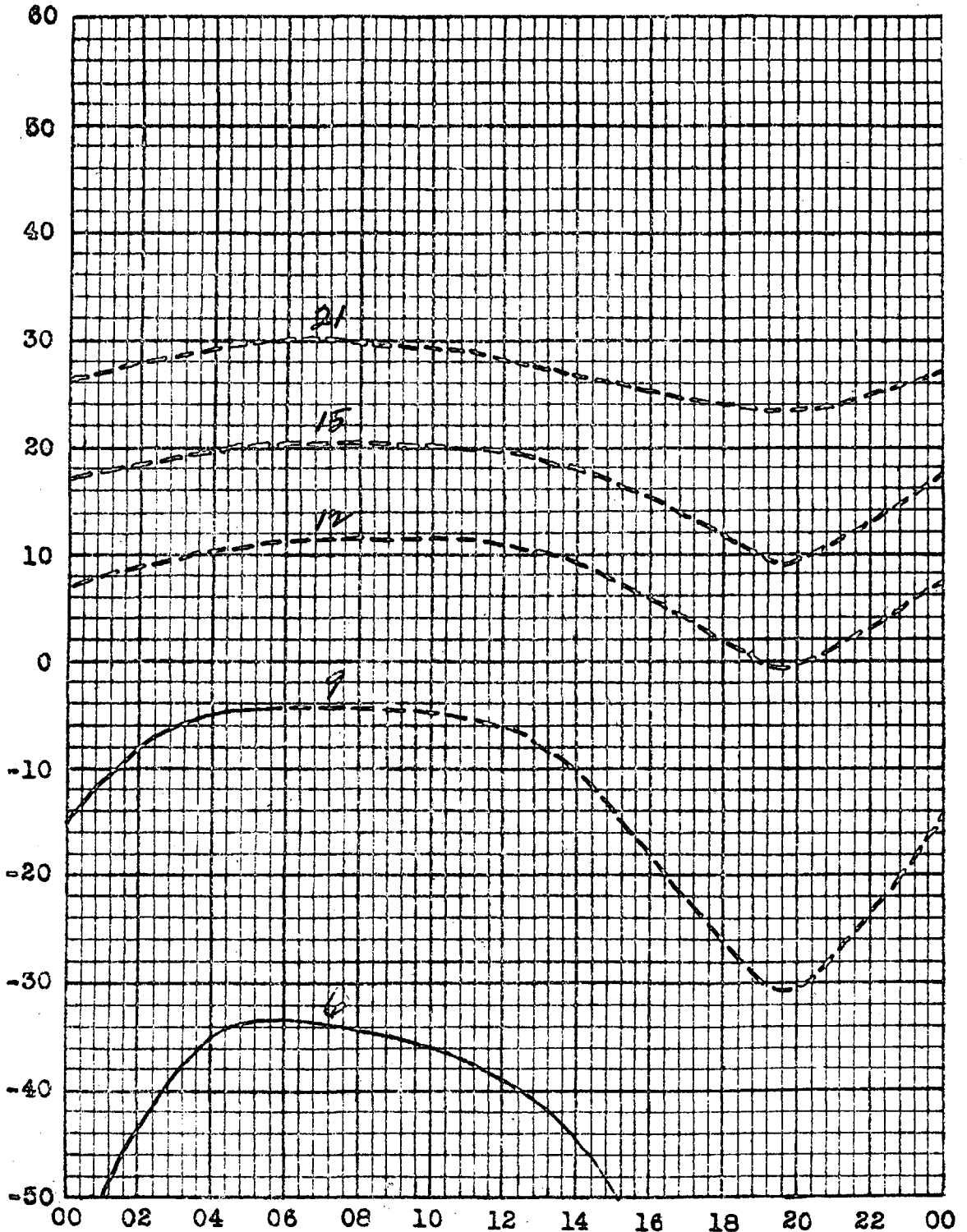
Receiving Area 3

Month SEPT

Sunspot Number 70

Distance 1800 Km.

Median Field Intensity (DB above 1 uv/m) for
 1 KW Radiated Power

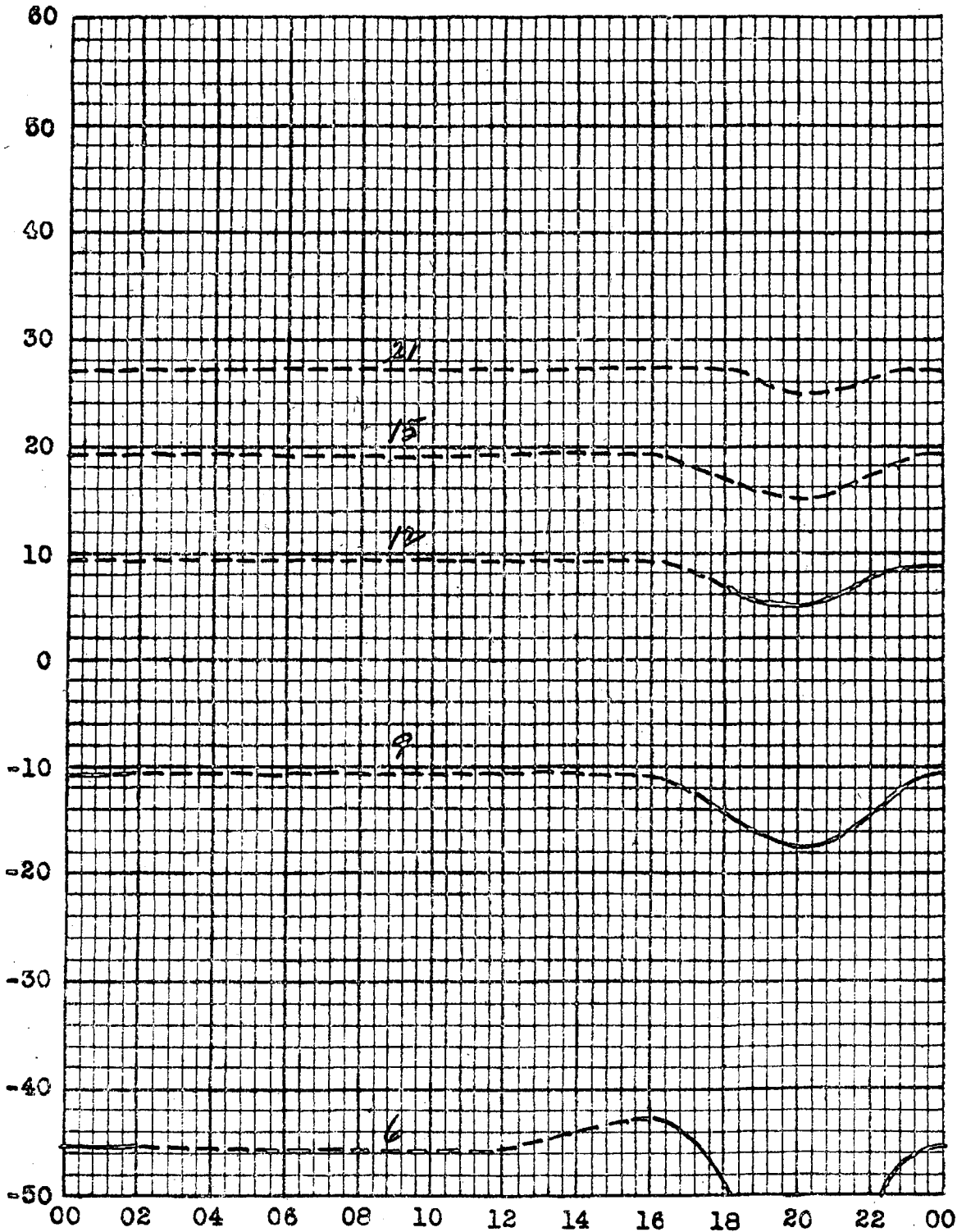


Delivered Median Field Intensity
in Decibels above 1 Microvolt
per Meter for 1 Kilowatt Radiated

71N 130W Power 60N 98W

Transmitting Area 2 Receiving Area 3
Month DEC Sunspot Number 70
Distance 1800 Km.

Median Field Intensity (DB above 1 uv/m) for
1 KW Radiated Power

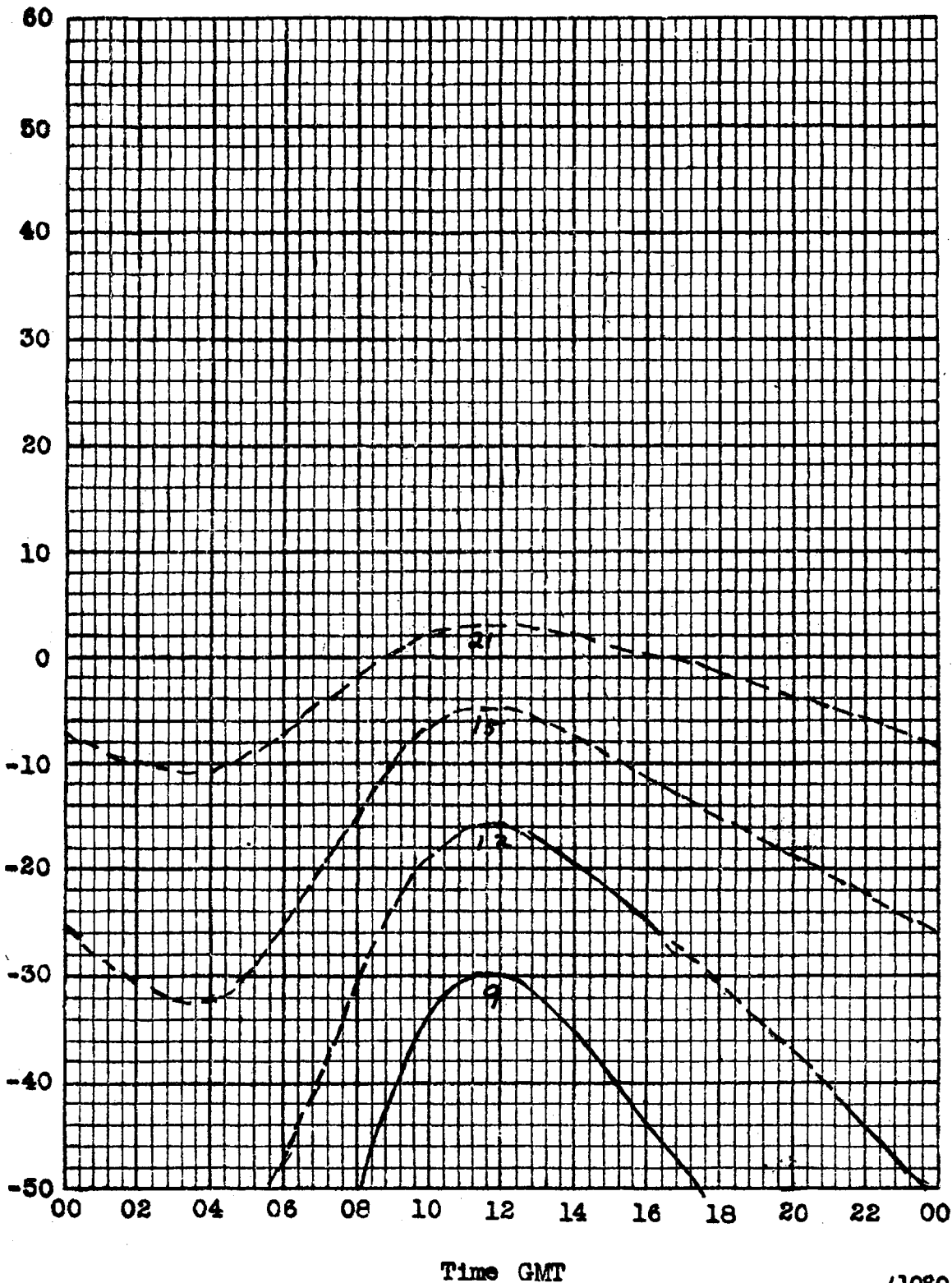


Time GMT

Delivered Median Field Intensity
in Decibels above 1 Microvolt
per Meter for 1 Kilowatt Radiated
Power

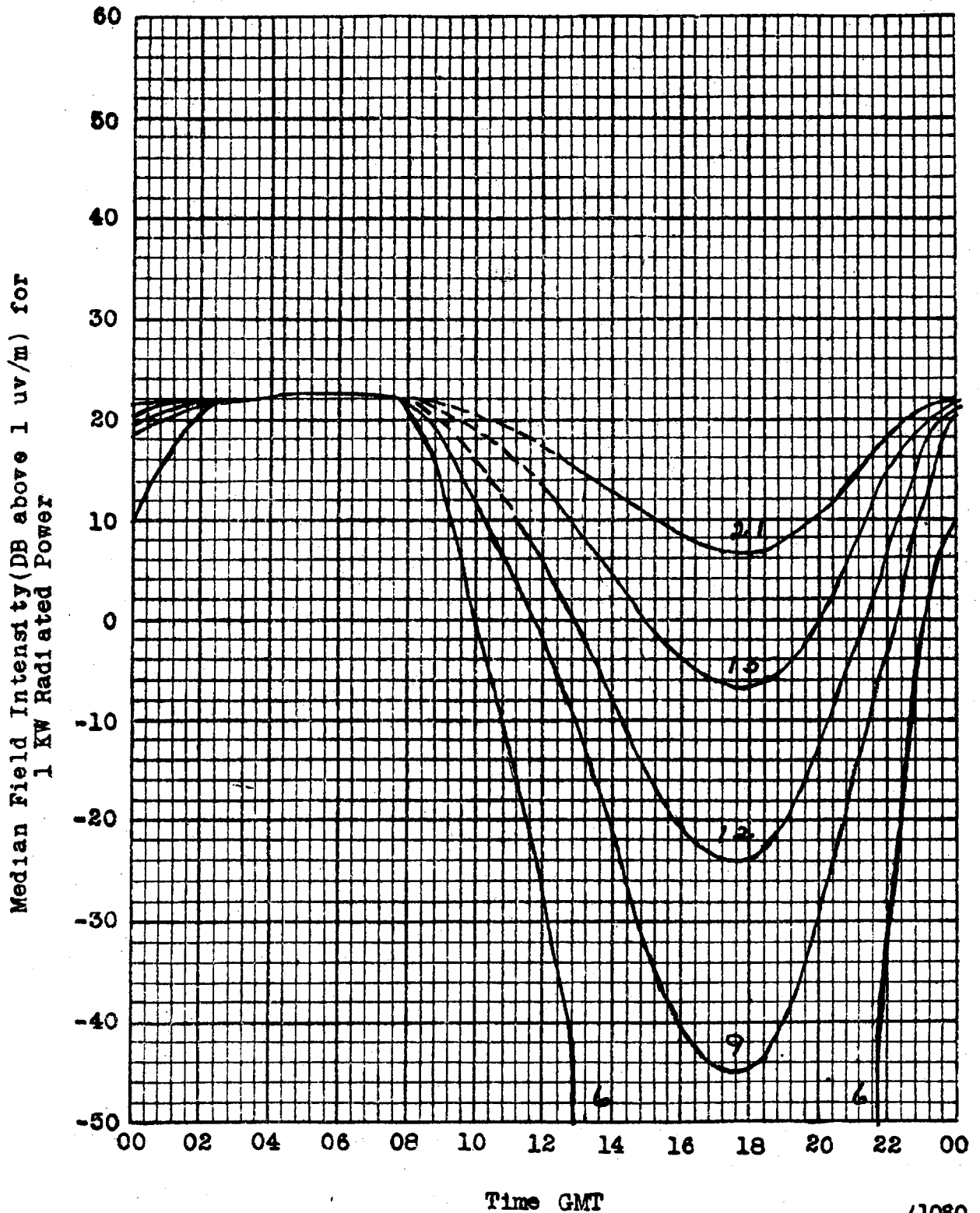
Transmitting Area 8 Receiving Area 54
Month JUNE Sunspot Number 5
Distance 16409 Km.

Median Field Intensity (DB above 1 uv/m) for
1 KW Radiated Power



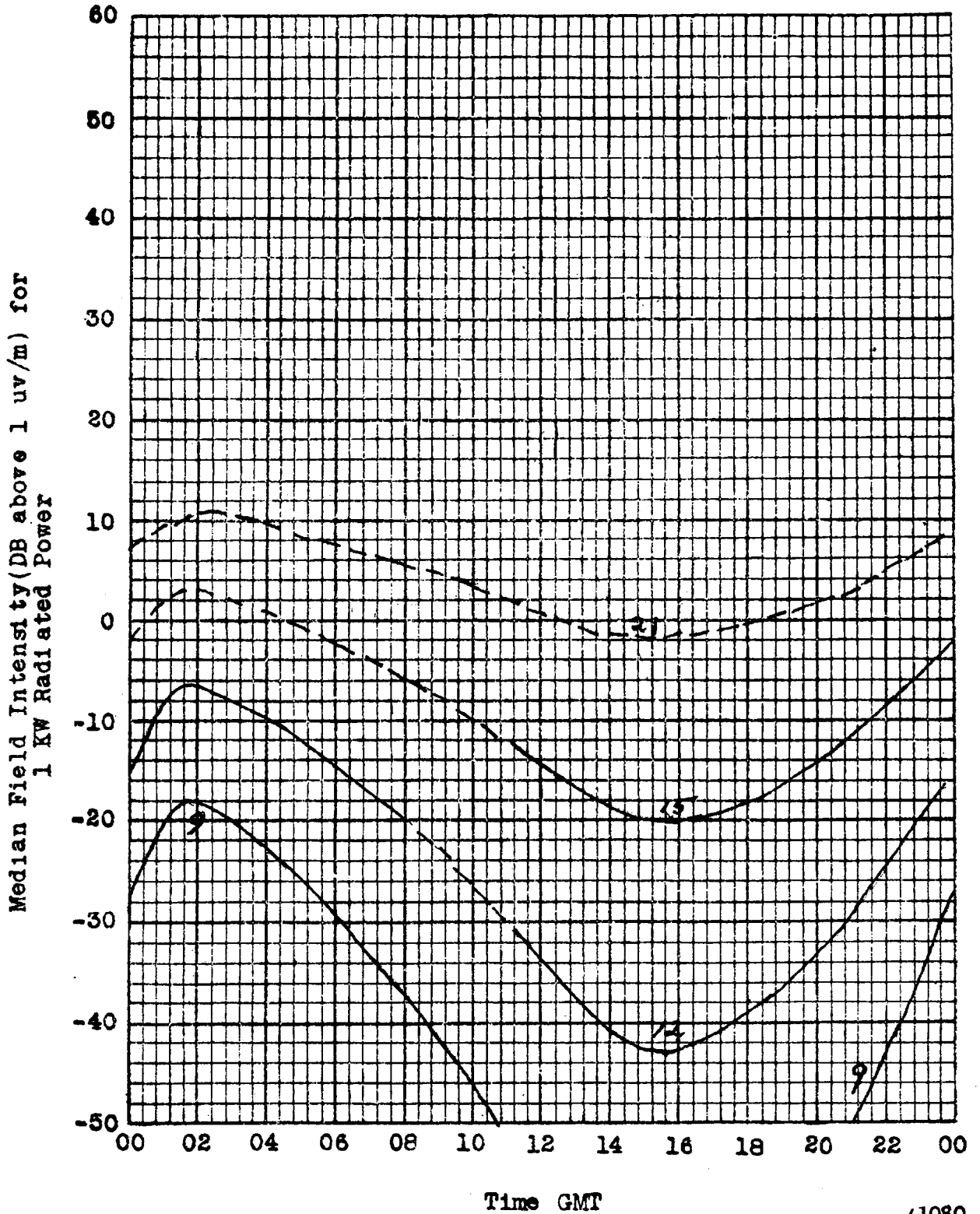
Delivered Median Field Intensity
 in Decibels above 1 Microvolt
 per Meter for 1 Kilowatt Radiated
 Power

Transmitting Area 10 Receiving Area 14
 Month DECEMBER Sunspot Number 70
 Distance 7500 Km.



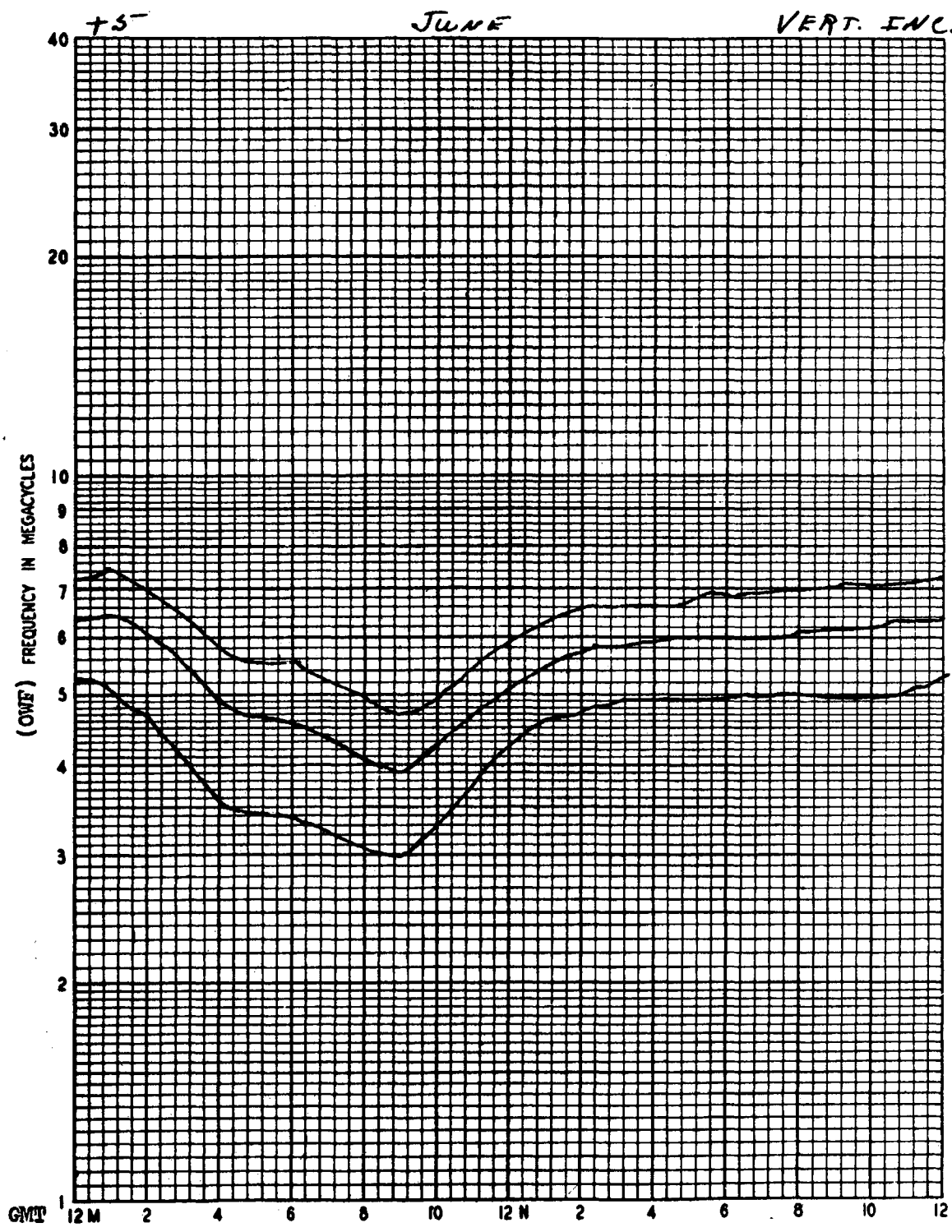
Delivered Median Field Intensity
in Decibels above 1 Microvolt
per Meter for 1 Kilowatt Radiated
Power

Transmitting Area 10 Receiving Area 29
Month JUNE Sunspot Number 70
Distance 10750 Km.



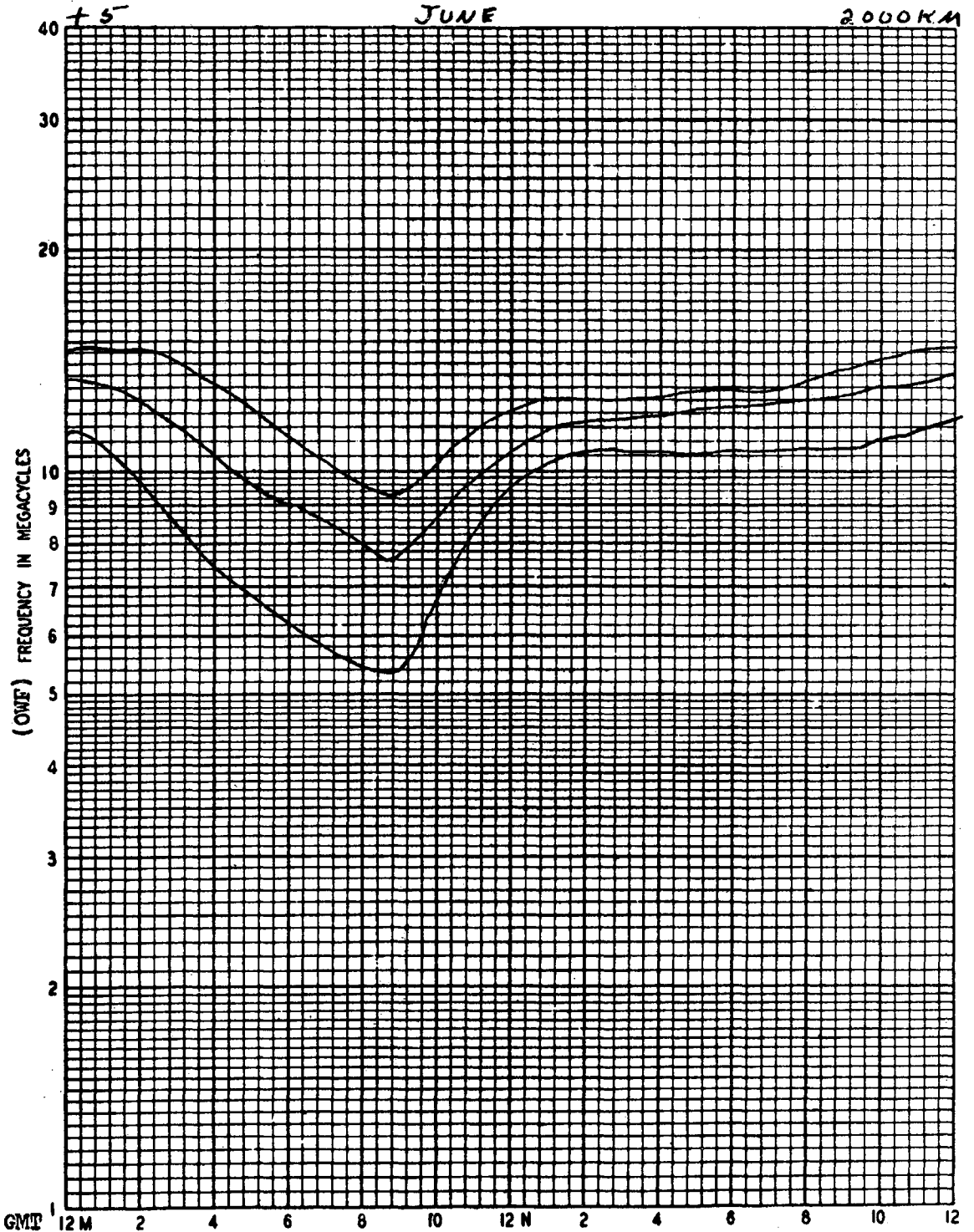
OPTIMUM TRANSMITTING FREQUENCIES

Transmitter: 8 (MONTREAL) Receiver: 8
 Lat. _____ Long. _____ Lat. _____ Long. _____
 Control Pt. Lat. 50 N Long. _____ Control Pt. Lat. _____ Long. _____
 Zone W Sunspot Number _____ Zone _____



OPTIMUM TRANSMITTING FREQUENCIES

Transmitter: 8 Receiver: 9
 Lat. 40° N Long. 70° W Lat. Long.
 Control Pt. Lat. 45° N Long. Control Pt. Lat. Long.
 Zone W Sunspot Number Zone



OPTIMUM TRANSMITTING FREQUENCIES

Transmitter: 8 Receiver: 28
 Lat. _____ Long. _____ Lat. _____ Long. _____
 Control Pt. Lat. 50 N Long. _____ Control Pt. Lat. 55 N Long. _____
 Zone W Sunspot Number _____ Zone I

