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FM COVERAGE
DAY AND NIGHT
2640 SQ. MI.

AM
NIGHT
72 SQ. MI.

CHICAGO

ILLINOIS

Effective signal-coverage comparison of an FM station and a 1400-kc. AM station

Regardless of your present power, if you face a coverage problem, if you share a crowded channel, consider FM. In nearly every case it will provide better coverage of the same area at less cost, or better coverage of more area at the same cost. To your audience this means improved reception. To you, this means a larger and more consistent audience and better service to your advertisers.

Plan your FM station now and make full use of General Electric's vast background of experience in the FM field. It is the one manufacturer with experience in designing and building complete FM systems—from transmitters to receivers. For information on G-E's complete line of FM broadcast equipment, write direct to: *Electronics Department, General Electric, Schenectady 5, N. Y.*

STUDIO AND STATION EQUIPMENT • TRANSMITTERS

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GENERAL ELECTRIC

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A BASICALLY NEW IDEA IN

FM

TRANSMITTERS...



PLUS ALL THE EXTRAS OF SPECIAL
WESTINGHOUSE RESEARCH FOR FM

*For harmonics up to 30 kc/s at ± 15 Woz swing, distortion is less than 1.5% r.m.s. for modulating frequencies between 50 and 15,000 cps.



Here in a smartly-styled package is a basically new approach to FM transmitter design... combined with all the performance extras of special Westinghouse research for frequency modulation.

Built in 1, 3, 10 and 60 kw ratings, this new design provides direct generation of the modulated carrier by a simple and straightforward circuit. Frequency corrections are independent of critical tuning. Distortion is low.*

Metal-plate rectifiers—first introduced by Westinghouse for high-voltage, high-current AM applications—virtually eliminate outages caused by rectifier (tube) failures. Space and cooling requirements are reduced, operating costs are lowered.

Your nearest Westinghouse office has complete details of this new triumph in FM transmitter design in booklet B-3529. Or write Westinghouse Electric & Manufacturing Company, Radio Division, Baltimore, Maryland.

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Electronics at Work

XXV • RADIO'S 25TH ANNIVERSARY • KDKA

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