

September 20, 1945
212 W. Seminary Ave.
Wheaton, Illinois

Mr. G. C. Southworth
Bell Telephone Labs.
Box 107
Red Bank, New Jersey

Dear Mr. Southworth:

The reprints of your technical articles arrived here sometime ago. Thanks. In previous correspondence I indicated that apparatus for operation at 480mc was under construction. This has been completed and tried out. Unfortunately the results are rather disappointing as only radiation from the sun could be found. While it is true the power sensitivity of the 480mc apparatus is inferior to my equipment at 160mc I was in hopes that some trace of Cosmic Static would appear. Apparently this meager data is added evidence that there are two different intensity-frequency functions of the two sources of radiation.

However as is usually the case with failures, something is learned and I am now working on another amplifier which should be much better. Please keep me informed of any progress you make on this interesting subject.

Yours very truly,

Grote Reber