COMPLETE HOME COVERAGE:
ALEXANDRIA
ARLINGTON
DISTRICT OF COLUMBIA
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WAVA
AM 780 FM 105.1

In The Air Everywhere Over The Nation's Capital

WAVA RADIO PARK
5232 LEE HIGHWAY
ARLINGTON 7
WASHINGTON, D. C.
PHONE: KENMORE 6-9000

October 10, 1963

Mr. John Sampson
23 Terrence Ter.
Freehold,
New Jersey

Dear Mr. Sampson:

This will serve to confirm your report of reception of WAVA (AM) at 4:55 p.m. EDT, October 5, 1963. The sponsor you mentioned in doubt is indeed "7-11 Stores" (open 7:00 a.m. to 11:00 p.m.) Our Gates 1 kilowatt drives a shunt-fed 350 ft. tower (which also carries our FM antenna.) Our technical pattern is omni-directional, only in theory of course. (A true perfectly circular omni-directional radiation pattern could only exist in free space, away from gravity, mass, atmosphere, etc.) In short, our daytime only pattern is non-directional.

As far as your comment about WABC having a sloppy signal is concerned, WABC on 770 kc/s has an omni-directional pattern with 50 kilowatts of power, and I would say that Freehold was well within the primary service area of WABC. The FCC considers that any station only 10 kilocycles separated from another will "normally" generate interference conditions. In a few cases interference may even be considered objectionable with 20 kc/s separation, dependant on distance and signal intensity. As WABC (formerly WJZ Radio) has been there for many years, in fact decades, they were there first and other late comers suchas WAVA and others must accept such interference as a matter of course. Therefore, power and proximity considered, I don't think we can blame WABC for being sloppy... just powerful!

Yours truly,

WAVA Radio

James F. Pinkham

James F. Pinkham
Chief Engineer