

COMPLETE HOME COVERAGE:  
ALEXANDRIA FAUQUIER  
ARLINGTON LOUDOUN  
DISTRICT OF COLUMBIA MONTGOMERY  
FAIRFAX COUNTY PRINCE GEORGES



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

*In The Air Everywhere Over The Nation's Capital*

October 10, 1963

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

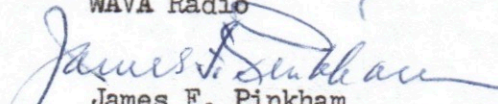
Dear Mr. Sampson:

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 such as 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  
Chief Engineer