

**TECHNICAL EXHIBITS 27 & 30**  
INTERFERENCE AND SEPARATION REQUIREMENTS

IN SUPPORT OF MINOR CHANGE APPLICATION  
**WRAT(FM), POINT PLEASANT, NEW JERSEY**  
JULY 2009

The attached Table I shows the distances from the existing antenna site to pertinent existing and/or proposed FM stations on Channel 240 and  $\pm 3$  channels from the licensed and proposed WRAT(FM) operations. Table I indicates the existing antenna site meets the minimum distance requirements of Section 73.207 of the Commission's rules to all FM stations with the exception of the "grandfathered short-spaced stations."

**TABLE I**  
**FM ALLOCATION SITUATION**  
**FOR THE LICENSED AND PROPOSED CHANNEL 240A OPERATIONS OF**  
**WRAT(FM), POINT PLEASANT, NEW JERSEY**  
**JULY 2009**

<u>CHANNEL</u>	<u>CALL</u>	<u>CITY/ STATE</u>	<u>GEOGRAPHIC COORDINATES</u>	<u>DISTANCE</u>	
				<u>ACTUAL</u> km	<u>REQUIRED</u> km
240A	WRAT	Point Pleasant, NJ	N 40-10-15 <sup>1</sup> W 74-01-42	--	--
238B	WPLJ	New York, NY	N 40-44-54 W 73-59-10	64.2 <sup>2</sup>	69
239B	WBEN-FM	Philadelphia, PA	N 40-02-21 W 75-14-13	104.1 <sup>3</sup>	113
240A	WFOX	Norwalk, CT	N 41-06-54 W 73-26-06	116.2	115
241B	WCTO	Easton, PA	N 40-35-55 W 75-25-12	127.4	113
242B	WQXR-FM	New York, NY	N 40-44-54 W 73-59-10	64.2 <sup>4</sup>	69
243B	WRDW-FM Lic.	Philadelphia, PA	N 40-02-30 W 75-14-11	104.0	69

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<sup>1</sup> Existing Antenna Site

<sup>2</sup> 73.213 Grandfathered Short-spaced Station

<sup>3</sup> 73.213 Grandfathered Short-spaced Station

<sup>4</sup> 73.213 Grandfathered Short-spaced Station