

Exhibit 12  
FCC Form 349

Specific Interference Analysis

This application complies with interference protection under 47 C.F.R. § 74.1204 as documented below.

As tabulated below, this proposal is fully spaced under §74.1204(a) with respect to all facilities, permits and applications with the exception of third adjacent channel station WOKI.

Figure 2 is an allocations study for the facilities which are close enough to warrant study. Height Above Average Terrain is calculated at one degree horizontal increments using data extracted from a 3 arcsecond digital elevation database derived from the USGS National Elevation Dataset 30 meter data. The distance to the relevant contours is calculated and then plotted at the same increments.

FCC Rules §74.1204(d) reads in part, "...an application otherwise precluded by this section will be accepted if it can be demonstrated that no actual interference will occur due to intervening terrain, lack of population or such other factors as may be applicable."

The relevant interference contour for second adjacent channel relationships is the 100 dBu F(50,10) contour. For the proposed facilities, the 100 dBu contour extends 222 meters (728 feet) from the antenna, as calculated using free space path loss. The antenna elevation on the tower and the specific terrain will significantly reduce the area of land which is within 222 meters of the antenna. The elevation pattern of the antenna will also contribute to reducing any area which receives a 100 dBu signal. The proposed site is in a rural, sparsely populated area. Figure 1 is a topographic map of the proposed site, Sharps Ridge, showing the site. There is no population within 222 meters of the tower. Therefore, there is no interference according to §74.1204 and this application is acceptable for processing.

This application complies with §74.1204(d) and therefore with §74.1204. However, if the Commission deems that a waiver of §74.1204(a) is required, it is hereby requested.

Timothy L. Warner, Inc.  
Knoxville 259  
Allocation Study

REFERENCE CH# 259D - 99.7 MHz, Pwr= 0.01 kW, HAAT=191.0M, COR= 463 M DISPLAY DATES

36 00 08 N		Average Protected F(50-50)= 8.0 km								DATA 08-27-03	
83 56 41 W		Ave. F(50-10) 40 dBu= 27.0 54 dBu= 11.4 80 dBu= 1.9 100 dBu= .2								SEARCH 08-27-03	
CH	CALL	TYPE	AZI.	DIST	LAT.	Pwr(kW)	COR(M)	PRO(km)	*IN*	*OUT*	
CITY		STATE	<--	FILE #	LNG.	HAAT(M)	INT(km)	LICENSEE	(Overlap	in km)	
259D	AP259	APP C	0.0	0.00	36 00 08	0.01	463	6.1	-33.10<	-28.20*<	
Knoxville		TN	180.0	BNPFT20030317IFK	83 56 41	191	20.2	Isothermal Community Colle			
262C	WOKIFM	LIC CN	310.4	33.70	36 11 53	100	1107	6.9	10.54	-66.06*<	
Oak Ridge		TN	130.4	BLH6211	84 13 51	799	0.2	Oak Ridge Fm, Inc.			
Grandfathered with 100kw ERP at 610 meters HAAT											
259D	AP259	APP C	304.4	38.56	36 11 50	0.25	421	7.1	7.74	7.69	
Oak Ridge		TN	124.4	BNPFT20030317BIP	84 17 57	-69	23.8	Educational Media Foundati			
257A	WEZG	LIC NCN	76.1	33.64	36 04 28	0.94	533	7.6	24.07	5.73	
Jefferson City		TN	256.1	BLH19931026KA	83 34 56	241	0.2	East Tennessee Radio Group			
256A	WNOXFM	LIC CN	232.4	39.33	35 47 10	6	373	7.4	29.14	10.82	
Loudon		TN	52.4	BLH19931216KE	84 17 24	100	0.2	Citadel Broadcasting Compa			
260C	RADD	ADD	120.5	125.08	35 25 32	100	0	8.0	58.01	82.73	
Old Fort		NC	300.5		82 45 25	-973	11.4				
260C	WKSF«	LIC CY	120.5	125.08	35 25 32	53	1781	8.0	-18.97<	20.97	
Asheville		NC	300.5	BLH7600	82 45 25	808	11.4	Capstar Tx Limited Partner			
260C	RDEL	DEL	120.5	125.08	35 25 32	100	0	8.0	58.01	82.73	
Asheville		NC	300.5		82 45 25	-973	11.4				
258A	WYGO	LIC NCN	221.1	70.67	35 31 19	2.7	454	7.5	20.80	32.06	
Madisonville		TN	41.1	BLH19921218KC	84 27 29	147	10.6	Major Broadcasting Corpora			
258C2	WKDPFM	LIC CN	358.4	105.64	36 57 14	25	569	6.2	20.37	43.34	
Corbin		KY	178.4	BLH19891226KE	83 58 41	231	8.7	Eubanks Broadcasting, Inc.			
256D	AP256	APP C	148.4	76.74	35 24 47	0.01	1055	7.7	68.85	67.73	
Bryson City		NC	328.4	BNPFT20030313BJE	83 30 02	227	0.2	Western North Carolina Pub			
259C3	WVSG.C	CP CX	44.5	164.99	37 03 15	1.95	1007	6.7	65.48	107.39	
Coeburn		VA	224.5	BPH20010927ABJ	82 38 34	277	22.5	Preston Communications Gro			
257A	WXVL	LIC NCN	267.0	98.58	35 57 01	6	603	6.8	89.43	75.47	
Crossville		TN	87.0	BLH19920601KH	85 02 09	63	0.2	Clear Channel Broadcasting			
256A	WJNV.C	CP NCN	41.5	104.15	36 42 05	4	637	6.4	94.39	66.52	
Jonesville		VA	221.5	BMPH19990208IF	83 10 14	225	0.2	Regina Kay Moore			
256A	WJNV	LIC NC	41.5	104.15	36 42 05	4	637	6.4	94.39	66.52	
Jonesville		VA	221.5	BLH20000703ADH	83 10 14	225	0.2	Regina Kay Moore			
259A	WVSG.C	CP CN	50.5	166.69	36 56 44	0.89	873	6.9	125.58	133.83	
Coeburn		VA	230.5	BPH19920430JT	82 29 50	-68	23.0	Preston Communications Gro			

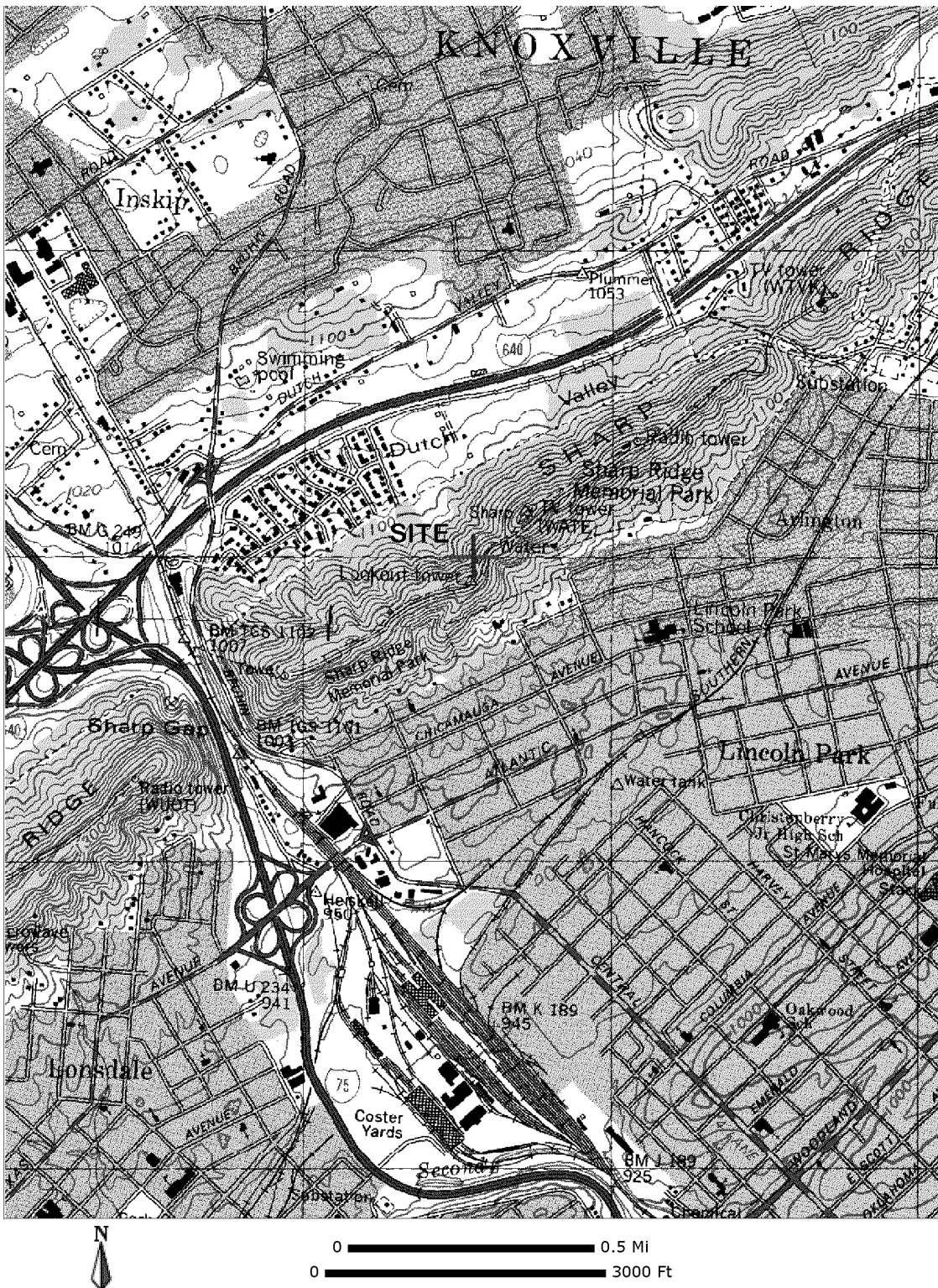
To channel 259C3 Per D90-122

\*\*\*Affixed to 'IN' or 'Out' values = site inside protected contour.

ERP and HAAT are on direct line to and from reference station.

« = Station meets FCC minimum distance spacing for its class.

"<" = Contour Overlap



Isothermal Community College  
 Knoxville, Tennessee  
 Site Map  
 Figure 1

