



0 20 40 Kilometers

WHVC, RHINEBECK, NY: MINOR MODIFICATION OF CONSTRUCTION PERMIT
Community Coverage: RHINEBECK NY

Radio Data Services

WHVC 273A Minor Modification of Construction Permit

Table 1

Channel Study with respect to 73.207 channel spacing

Chan	Class	Call Letters	Type	Status	City	State	Country	Owner	Distance (km)	Bearing TO (deg)	Req. Dist. (km)	Clearance (km)
219	A	WFRH	FM	LIC	KINGSTON	NY	US	FAMILY STATIONS, INC.	16.4	351.3	10.0	6.4
219	B1	WOSR	FM	LIC	MIDDLETOWN	NY	US	WAMC	54.0	240.5	12.0	42.0
219	A	WBSL-FM	FM	LIC	SHEFFIELD	MA	US	THE BERKSHIRE SCHOOL, INC.	56.5	57.0	10.0	46.5
220	A	WHDD-FM	FM	LIC	SHARON	CT	US	TRI-STATE PUBLIC COMMUNICATIONS, IN	44.8	82.5	10.0	34.8
271	A	WDNB	FM	LIC	JEFFERSONVILLE	NY	US	BOLD GOLD MEDIA GROUP, L.P.	72.9	261.5	31.0	41.9
271	B	WAQY	FM	LIC	SPRINGFIELD	MA	US	SAGA COMMUNICATIONS OF NEW ENGLA	109.9	75.4	69.0	40.9
272	A	WSUS	FM	LIC	FRANKLIN	NJ	US	CC LICENSES, LLC	90.0	210.7	72.0	18.0
272	A	WKKF	FM	LIC	BALLSTON SPA	NY	US	CC LICENSES, LLC	115.8	5.1	72.0	43.8
273	A		FM	CP	RHINEBECK	NY	US	CC LICENSES, LLC	0.1	257.5	115.0	-114.9 (applicant)
273	B	WUMX	FM	LIC	ROME	NY	US	GALAXY UTICA LICENSEE LLC (NEW)	178.8	318.6	178.0	0.8
274	B	WNEW-FM	FM	LIC	NEW YORK	NY	US	CBS RADIO EAST, LLC	121.4	179.8	113.0	8.4
275	L1	WLPP-LP	FL	LIC	PALENVILLE	NY	US	UNIVERSITY OF MASSACHUSETTS	37.2	356.0	0.0	37.2
275	B	WDRC-FM	FM	LIC	HARTFORD	CT	US	CONNOISSEUR MEDIA LICENSES, LLC	100.3	107.7	69.0	31.3
276	A	WJGK	FM	LIC	NEWBURGH	NY	US	SUNRISE BROADCASTING CORPORATION	42.7	196.9	31.0	11.7

Radiofrequency Electromagnetic Exposure Analysis

Source	Height AGL(m)	Antenna type	Bays	Horizontal ERP (kw)	Vertical ERP (kw)	Power Density $\mu\text{W}/\text{cm}^2$ at 2 meters AGL				
						within 10 meters distance	% controlled environment limit (1000 $\mu\text{W}/\text{cm}^2$)	Max. PD	% uncontrolled environment limit (200 $\mu\text{W}/\text{cm}^2$)	Distance to maximum PD (m)
WHVC	44	SHI-6810-2	2	1.350	1.350	2.1	0.2%	6.7	3.4%	27.8
W292CM (CP)	42	Dipole (EPA)*	1	0.058	0.058	1.5	0.1%	1.5	0.7%	10.8
WJVQ-LP	17	SWR-FMEC*	1	0.003	0.003	0.5	0.1%	0.5	0.3%	4.0
WGNV-FM	43	SHI-6810-1	1	1.350	1.350	2.4	0.2%	11.6	5.8%	42.0
						2.4	0.6%	11.6	10.2%	42.0

The proposed facility is excluded from environmental processing under 47. C.F.R. Section 1.1306 (i.e., The facility will not have a significant environmental impact and complies with the maximum permissible radiofrequency electromagnetic exposure limits for controlled and uncontrolled environments).

Calculations made using FCC FMModel

* In the absence of specific antenna information, "Dipole (EPA)" is assumed ("worst case")