

Interference Study (Amended)

W292CM, Poughkeepsie, NY

Channel 292 (106.3 MHz Class D)

41-43-14.2 N, 73-59-40.1 W.

CALL	CITY	ST	CHN	CL	DIST	SEP	BRNG	CLEARANCE	NOTE
W292CM	POUGHKEEPSIE	NY	292	D	0.10	0.00	39.9	-31.96 dB	(1)
W292CM	POUGHKEEPSIE	NY	292	D	0.00	0.00	90.0	-27.08 dB	(2)
W295BK	POUGHKEEPSIE	NY	295	D	1.52	0.00	196.1	-25.19 dB	(3)
W291CQ	BEACON	NY	291	D	16.17	0.00	171.4	-1.44 dB	(4)
W293AE	NEWBURGH	NY	293	D	16.17	0.00	171.4	0.09 dB	
W292ES	DOVER PLAINS	NY	292	D	23.77	0.00	91.0	-0.00 dB	
W292DX	MIDDLETOWN	NY	292	D	28.61	0.00	230.1	0.12 dB	
WYMK	MOUNT KISCO	NY	292	A	40.40	0.00	155.9	1.43 dB	
W239BL	POUGHKEEPSIE	NY	239	D	1.52	0.00	196.7	1.5	
WPYX	ALBANY	NY	293	B	63.17	0.00	359.7	3.80 dB	
WPDA	JEFFERSONVILLE	NY	291	A	40.16	0.00	279.7	4.80 dB	
W289BE	ELLENVILLE	NY	289	D	18.89	0.00	262.3	7.72 dB	
WPYX	ALBANY	NY	293	B	63.17	0.00	359.7	8.26 dB	
W292FI	WATERBURY	CT	292	D	52.44	0.00	105.2	11.75 dB	
W290BZ	RED HOOK	NY	290	D	21.87	0.00	31.3	13.37 dB	
W292FI	WATERBURY	CT	292	D	49.74	0.00	102.1	13.58 dB	
WHCN	HARTFORD	CT	290	B	60.51	0.00	100.0	16.53 dB	
WLTW	NEW YORK	NY	294	B	67.09	0.00	179.6	17.77 dB	
WLTW	NEW YORK	NY	294	B	67.10	0.00	179.6	17.79 dB	
WLTW	NEW YORK	NY	294	B	66.55	0.00	179.6	17.93 dB	
WLTW	NEW YORK	NY	294	B	66.55	0.00	179.6	17.56 dB	
WHCY	BLAIRSTOWN	NJ	292	A	68.82	0.00	227.8	17.50 dB	
WCCC	HARTFORD	CT	295	B	62.09	0.00	84.7	17.21 dB	
WCCC	HARTFORD	CT	295	B	62.12	0.00	84.7	17.37 dB	

Notes:

- (1) Subject Licensed Facility being relocated to adjacent tower.
- (2) Subject Minor Modification Application being amended,
- (3) Subject of Waiver Request. W295BK as licensed provides a signal strength of 76.25 dBu F(50,50) at the proposed W292CM location. By adding 40 dBu to this number, any actual interference may occur withing the 116.5 dBu F(50,10) contour of the proposed facility. This contour extends less than 113 meters from the antenna. It should be noted that the proposed site is located on a mountain with highly restricted access to communications towers only. There are no homes or travelled roads that within this distance of the proposed site. Therefore, it is believed that this proposal meets FCC requirements in protecting 3rd adjacent W295BK.
- (3) Permitted Incoming IX