

Interference Study

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	-25.80 dB	(1)
W295BK	POUGHKEEPSIE	NY 295 D	1.52	0.00	196.1	-21.13 dB	(2)
W291CQ	BEACON	NY 291 D	16.17	0.00	171.4	-1.80 dB	(3)
W293AE	NEWBURGH	NY 293 D	16.17	0.00	171.4	-0.38 dB	(3)
W292ES	DOVER PLAINS	NY 292 D	23.77	0.00	91.0	0.13 dB	
W239BL	POUGHKEEPSIE	NY 239 D	1.52	0.00	196.7	1.5	
W292DX	MIDDLETOWN	NY 292 D	28.61	0.00	230.1	3.37 dB	
WYMK	MOUNT KISCO	NY 292 A	40.40	0.00	155.9	4.07 dB	
W289BE	ELLENVILLE	NY 289 D	18.89	0.00	262.3	7.81 dB	
WPYX	ALBANY	NY 293 B	63.17	0.00	359.7	8.61 dB	
WPDA	JEFFERSONVILLE	NY 291 A	40.16	0.00	279.7	8.95 dB	
W292FI	WATERBURY	CT 292 D	52.44	0.00	105.2	12.59 dB	
W292FI	WATERBURY	CT 292 D	49.74	0.00	102.1	13.98 dB	
WPYX	ALBANY	NY 293 B	63.17	0.00	359.7	13.77 dB	
W290BZ	RED HOOK	NY 290 D	21.87	0.00	31.3	16.51 dB	
WHCN	HARTFORD	CT 290 B	60.51	0.00	100.0	16.53 dB	
WLTW	NEW YORK	NY 294 B	67.10	0.00	179.6	17.85 dB	
WLTW	NEW YORK	NY 294 B	66.55	0.00	179.6	17.99 dB	
WLTW	NEW YORK	NY 294 B	67.09	0.00	179.6	17.83 dB	
WLTW	NEW YORK	NY 294 B	66.55	0.00	179.6	17.62 dB	
WCCC	HARTFORD	CT 295 B	62.09	0.00	84.7	17.23 dB	
WCCC	HARTFORD	CT 295 B	62.12	0.00	84.7	17.39 dB	

Notes:

- (1) Subject Facility being relocated to adjacent tower.
- (2) 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 100 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