

FM Translator Spacing Study

Channel 298 (107.5 MHz Class D) at 41°-03'-23.2" N, 80°-38"-43.3" W (NAD 83)

<u>CALL</u>	<u>CITY</u>	<u>ST</u>	<u>CHN</u>	<u>CL</u>	<u>DIST</u>	<u>REQ</u>	<u>BRNG</u>	<u>CLEARANCE</u>
WLDJ-LP	NEW CASTLE	PA	298	LP100	24.25	24.00	88.9	0.36 dB
WEGW	WHEELING	WV	298	B	110.86	0.00	184.7	0.15 dB
WENZ	CLEVELAND	OH	300	B	70.35	0.00	310.5	3.84 dB
WFXJ-FM	NORTH KINGSVILLE	OH	298	A	91.97	0.00	0.2	6.79 dB
WLVB	GREENVILLE	PA	296	A	40.93	0.00	28.2	7.45 dB
WDSY-FM	PITTSBURGH	PA	300	B	85.02	0.00	139.6	9.41 dB
WRQK-FM	CANTON	OH	295	B	70.80	0.00	248.7	9.66 dB
W298CW	BUTLER	PA	298	D	65.69	0.00	107.7	10.44 dB
WDSY-FM	PITTSBURGH	PA	300	B	85.02	0.00	139.6	10.06 dB
WNWV	ELYRIA	OH	297	B	116.48	0.00	282.2	11.02 dB
WDSY-FM	PITTSBURGH	PA	300	B	85.02	0.00	139.6	12.56 dB
WRQK-FM	CANTON	OH	295	B	70.82	0.00	248.7	16.43 dB
WNWV	ELYRIA	OH	297	B	116.54	0.00	282.2	16.37 dB
WXED-LP	ELLWOOD CITY	PA	297	LP100	37.22	13.00	126.3	20.25 dB
WRQW	COOPERSTOWN	PA	299	A	90.19	0.00	57.4	21.79 dB
W297BU	PITTSBURGH	PA	297	D	88.91	0.00	139.6	24.37 dB
WGPR	DETROIT	MI	298	B	247.90	0.00	306.6	27.58 dB
WCOH-FM	DU BOIS	PA	297	B	167.83	0.00	82.5	29.37 dB
WGPR	DETROIT	MI	298	B	247.90	0.00	306.6	30.81 dB
WLLF	MERCER	PA	244	A	41.94	10.00	47.2	31.9
W298CC	BUCYRUS	OH	298	D	195.48	0.00	261.1	33.94 dB
W298CM	BRADFORD	PA	298	D	197.15	0.00	58.4	35.23 dB
W297BU	PITTSBURGH	PA	297	D	88.91	0.00	139.6	36.36 dB
W298DH	LATROBE	PA	298	D	140.44	0.00	124.3	37.15 dB
WKZA	LAKEWOOD	NY	295	B1	152.43	0.00	48.3	38.67 dB
W299CJ	OBERLIN	OH	299	D	133.45	0.00	280.7	39.68 dB

¹ Fully protected second adjacent channel station. See attached statement.