

NEW FM TRANSLATOR APPLICATION
INSPIRATION TIME, INC.
NEW FM TRANSLATOR STATION
CH 290D - 105.9 MHZ - 0.12 KW
ERIE, PENNSYLVANIA
March 2003

EXHIBIT B

Graham Brock, Inc. - Broadcast Technical Consultants
St. Simons Island, GA - Washington, DC

Interference analysis for new FM translator Erie Pennsylvania
Using proposed site as reference

REFERENCE	CH# 290D - 105.9 MHz, Pwr= 0.12 kW, HAAT=99.8M, COR= 272 M	DISPLAY DATES
42 06 15 N	Average Protected F(50-50)= 10.8 km	DATA 03-05-03
80 04 10 W	Ave. F(50-10) 40 dBu= 36.6 54 dBu= 15.3 80 dBu= 3.3 100 dBu= .8	SEARCH 03-07-03

CH CITY	CALL	TYPE STATE	AZI. <--	DIST FILE #	LAT. LNG.	Pwr (kW) HAAT (M)	COR (M) INT (km)	PRO (km) LICENSEE	*IN* (Overlap in km)	*OUT*
292A	WCTL	LIC C	125.6	19.71	42 00 03	3.400	562	28.0	6.36	-9.05
Union City		PA	305.6	BLH20000731AAM	79 52 33	131	2.6	Inspiration Time, Inc.		
288A	WGOJ	LIC ZEN	234.1	45.84	41 51 42	6.000	364	26.9	32.44	18.15
Conneaut		OH	54.1	BLH19930913KC	80 31 01	90	2.6	Bible Broadcasting, Inc.		
290A	ALLO	VAC	80.6	105.71	42 15 08	6.000	0	28.3	8.27	40.78
Little Valley		NY	260.6	RM9952	78 48 20	100	86.7			
290L1	AP290	APP	69.1	49.07	42 15 36	0.100	429	5.6	19.72	6.80
Mayville		NY	249.1	BNPL20010119ABQ	79 30 49	30	18.6	Chautauqua Lake Central Sc		
290L1	CP290	CP	91.3	70.74	42 05 12	0.048	504	5.6	41.50	28.50
Jamestown		NY	271.3	BNPL20010117ABQ	79 12 53	43	18.5	Lighthouse Baptist Church		
291A	ALLO	VAC	135.7	91.28	41 30 54	6.000	0	28.3	36.77	47.64
Farmington Township		PA	315.7	RM9611*	79 18 13	100	43.7			
289B	R---		30.6	128.76	43 05 55	50.000	0	65.1	39.88	40.94
St. Catharines		ON	210.6		79 15 46	150	78.1			
290B	WXDXFM	LIC CN	177.6	179.32	40 29 27	72.000	432	66.0	25.25	61.75
Pittsburgh		PA	357.6	BLH5106	79 58 55	131	143.3	Capstar Tx Limited Partner		
289B	CHREFM	OPE HN	32.6	130.98	43 05 38	50.000	300	64.1	43.16	44.13
St Catharines		ON	212.6		79 12 05	143	77.1			

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New Translator

Latitude: 42-06-15 N
Longitude: 080-04-10 W
ERP: 0.12 kW
Channel: 290D
Frequency: 105.9 MHz
AMSL Height: 272.2 m
Horiz. Pattern: Omni
Vert. Pattern: No
Prop Model: FCC

Mayville Appl

BNPL-20010119ABQ
Latitude: 42-15-36 N
Longitude: 079-30-49 W
ERP: 0.10 kW
Channel: 290L1
Frequency: 105.9 MHz
AMSL Height: 429.0 m
Horiz. Pattern: Omni
Vert. Pattern: No
Prop Model: None

New Translator 40 dBu (50/10)

New Translator 60 dBu (50/50)

Mayville 60 dBu (50/50)

Mayville 40 dBu (50/10)

EXHIBIT B1
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Scale 1:650,000

0 9 18 27 km