

MINOR CHANGE APPLICATION
RADIO POWER, INC.
W230BI FM TRANSLATOR STATION
CH 230D - 93.9 MHZ - 0.25 KW
ROCHESTER HILLS, MICHIGAN
May 2010

EXHIBIT B

As noted on Exhibit B1, the proposed W230BI will deliver interference to the co-channel allotment of Channel 230B1 at Windsor, Ontario. However, as noted on Exhibit B2, the 34 dBu (50/10) interfering contour of the proposed W230BI does not cross the US/Canadian border. All interference from the proposed W230BI to Channel 230B1 in Windsor, Ontario will occur in the United States. Therefore, the allotment of Channel 230B1, Windsor, Ontario is not a preclusion to the proposed W230BI and concurrence from Canada for this proposal is not required.

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EXHIBIT B1

Interference Review for W230BI, Rochester Hills, Michigan
Using Proposed Site as Reference

REFERENCE		CH# 230D - 93.9 MHz, Pwr= 0.25 kW DA, HAAT= 32.4 M, COR= 295.2 M								DISPLAY DATES	
42 40 48.0 N.		Average Protected F(50-50)= 7.3 km								DATA 05-21-10	
83 11 13.0 W.		Standard Directional								SEARCH 05-21-10	
CH CITY	CALL	TYPE ANT STATE	AZI. <--	DIST FILE #	LAT. LNG.	Pwr (kW) HAAT (M)	INT (km) COR (M)	PRO (km) LICENSEE	*IN* (Overlap in km)	*OUT*	
230D Oxford	W230BI	CP V MI	354.1 174.1	14.9 BLFT20100520ADR	42 48 47.0 83 12 20.0	0.125	34.8 379	10.3 Radio Power, Inc.	-23.1*<	-5.8<	
230C1 Windsor	CKLW^	OPE DCN ON	164.1 344.2	58.8	42 10 15.0 82 59 29.0	100.000 299	171.4 482	86.0	-120.3*<	-65.0*<	
229D Detroit	637932	APP C MI	168.6 348.7	31.0 BNPFT20030317HOI	42 24 21.9 83 06 44.3	0.010	9.8 341	6.9 Radio Assist Ministry, Inc	13.2	12.6	
229D New Baltimore	637945	APP C MI	83.4 263.7	37.1 BNPFT20030317HRL	42 43 02.9 82 44 15.3	0.019	9.3 278	6.6 Radio Assist Ministry, Inc	17.1	15.7	
284D Detroit	W284BQ	APP DC MI	177.5 357.5	25.8 BPFT20100511ABY	42 26 53.0 83 10 23.0	0.250	2.2 481	26.1 Radio Power Inc.	10.0R	15.8M	
232B Chatham	AL8509		110.4 291.1	88.1	42 24 00.0 82 11 00.0	50.000 150	6.1 328	65.0	73.4	19.3	
232D Holly	W232BH	LIC C MI	270.8 90.5	30.0 BLFT20070625ABO	42 40 59.0 83 33 11.0	0.007	0.2 426	5.8 Educational Media Foundati	25.8	23.8	
229A Frankenmuth	WRCL	LIC C MI	337.0 156.7	75.5 BLH20010510AAG	43 18 16.0 83 33 07.0	3.500 133	39.8 355	26.1 Regent Trust	32.7	45.2	
228A Howell	WHMI-FM	LIC CN MI	268.5 88.0	61.7 BLH19980911KF	42 39 47.0 83 56 23.0	5.200 108	2.6 388	26.4 The Livingston Radio Compa	55.0	35.0	
231B Jackson	WVIC	LIC CN MI	255.7 74.7	125.7 BLH19830711AJ	42 23 32.0 84 40 00.0	40.000 168	77.5 457	65.0 Rubber City Radio Group	42.3	48.9	
231D Port Huron	635316	APP C MI	61.0 241.5	66.5 BNPFT20030317HRY	42 58 01.9 82 28 25.3	0.027	9.3 270	6.5 Radio Assist Ministry, Inc	47.5	46.4	
228D Riverview	641526	APP C MI	181.5 1.5	57.5 BNPFT20030317EBC	42 09 44.0 83 12 20.0	0.019	0.3 278	6.7 Educational Media Foundati	47.8	49.7	

Terrain database is NGDC 30 SEC, R= 73.215 qualifying spacings or FCC minimum spacings in KM, M= Margin in KM
Contour distances are on direct line to and from reference station. Reference Zone = 1, Co to 3rd adjacent.
Ant Column: (D= DA Standard, Z= DA 73.215, N= Not DA 73.215, _= Omni), Polarization (C,H,V,E), Beamtilt(Y,N,X)
***affixed to 'IN' or 'OUT' values = site inside protected contour.
"<" = Contour Overlap
^ = Power and antenna height 'Max classed' as per Sec 73.215 protection requirements
Reference station has protected zone issue: Canada

* See Exhibit B for details

082-00-00 W

US/Canadian Border

Scale 1:1,000,000
0 10 20 30 km

W230BI Rochester Hills, MI - Proposed

Latitude: 42-40-48 N / Longitude: 083-11-13 W

ERP: 0.25 kW / Channel: 230 / 93.9 MHz

AMSL Height: 295.2 m

Horiz. Pattern: Directional

Prop Model: None

■ W230BI 60 dBu (50/50)

■ W230BI 34 dBu (50/10)

EXHIBIT B2

MINOR CHANGE APPLICATION

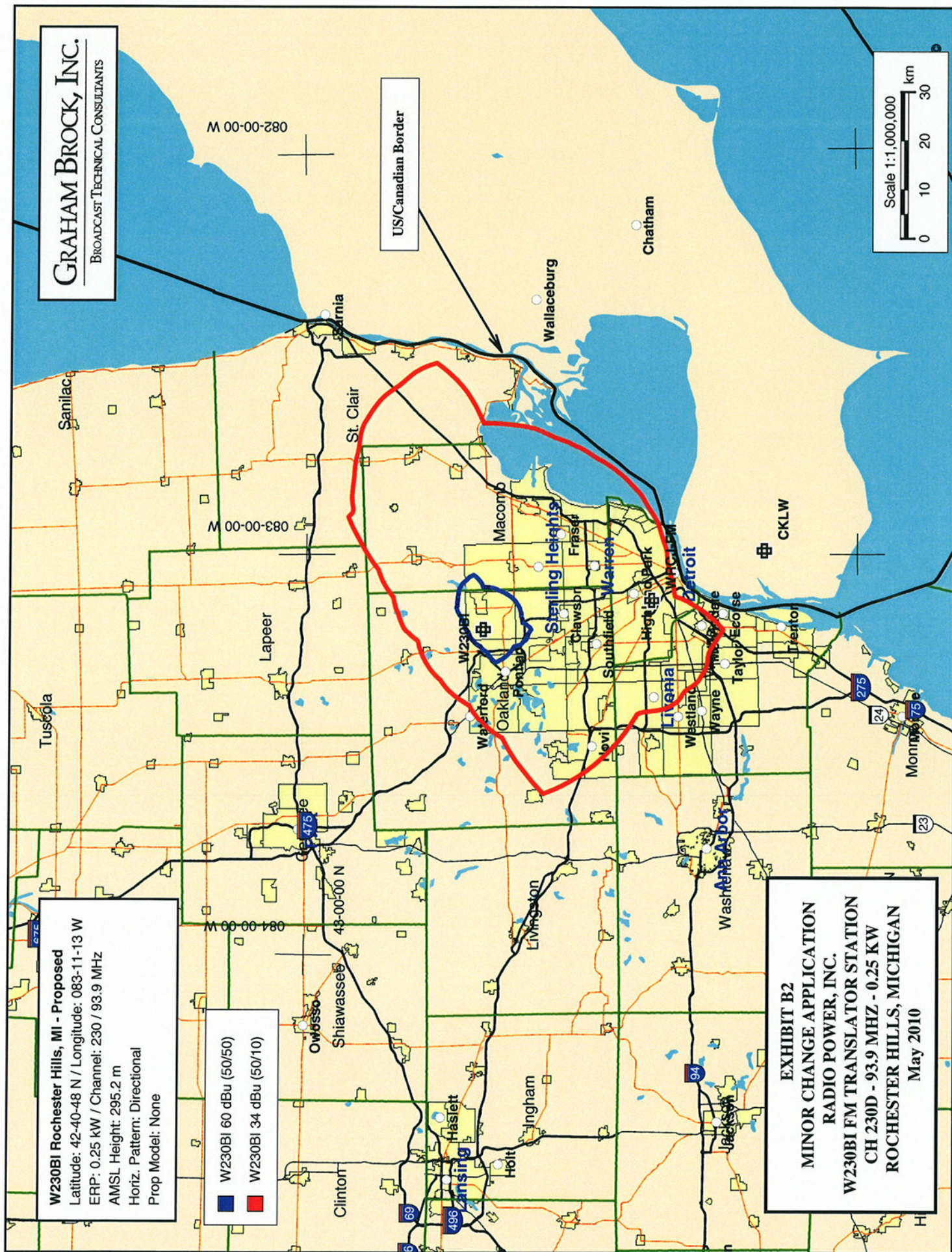
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EXHIBIT B3

North Latitude: 42° 40' 48" - Tabulated Protected and Interfering Contour Data
West Longitude: 83° 11' 13" - W230BI FM Translator Station, Rochester Hills, Michigan

HAAT and Distance to Contour - NGDC 30 second terrain database								
Azi.	HAAT	ERP kW	dBk	Field	60-F5	40-F1	54-F1	100-F1
000	-3.7	0.0150	-18.24	0.245	3.48	11.21	4.93	0.27
010	7.9	0.0200	-16.99	0.283	3.74	12.00	5.32	0.31
020	11.6	0.0289	-15.39	0.340	4.09	13.10	5.84	0.38
030	19.0	0.0702	-11.54	0.530	5.15	16.73	7.29	0.59
040	27.5	0.2500	-6.02	1.000	7.09	23.76	10.15	1.11
050	38.6	0.2500	-6.02	1.000	8.00	26.75	11.38	1.11
060	53.6	0.2500	-6.02	1.000	9.62	32.02	13.41	1.11
070	65.4	0.2500	-6.02	1.000	10.57	35.73	14.70	1.11
080	76.1	0.2500	-6.02	1.000	11.31	38.65	16.28	1.11
090	81.9	0.0750	-11.25	0.548	8.68	28.82	12.20	0.61
100	82.6	0.0750	-11.25	0.548	8.72	28.96	12.25	0.61
110	80.6	0.0750	-11.25	0.548	8.61	28.57	12.11	0.61
120	81.2	0.0750	-11.25	0.548	8.64	28.69	12.15	0.61
130	82.2	0.0750	-11.25	0.548	8.70	28.88	12.22	0.61
140	81.7	0.0750	-11.25	0.548	8.67	28.79	12.19	0.61
150	78.5	0.0750	-11.25	0.548	8.49	28.19	11.97	0.61
160	72.7	0.0750	-11.25	0.548	8.14	27.09	11.56	0.61
170	65.7	0.0875	-10.58	0.592	8.05	26.79	11.46	0.66
180	53.7	0.2500	-6.02	1.000	9.64	32.07	13.43	1.11
190	47.7	0.2500	-6.02	1.000	9.03	29.92	12.65	1.11
200	41.0	0.2500	-6.02	1.000	8.28	27.58	11.72	1.11
210	29.0	0.2500	-6.02	1.000	7.09	23.76	10.15	1.11
220	16.2	0.2500	-6.02	1.000	7.09	23.76	10.15	1.11
230	13.8	0.2500	-6.02	1.000	7.09	23.76	10.15	1.11
240	13.0	0.2500	-6.02	1.000	7.09	23.76	10.15	1.11
250	8.5	0.2500	-6.02	1.000	7.09	23.76	10.15	1.11
260	5.0	0.0500	-13.01	0.447	4.71	15.01	6.70	0.50
270	5.3	0.0272	-15.65	0.330	4.03	12.92	5.75	0.37
280	3.3	0.0144	-18.42	0.240	3.45	11.10	4.88	0.27
290	-11.5	0.0121	-19.17	0.220	3.31	10.65	4.66	0.24
300	-13.5	0.0100	-20.00	0.200	3.15	10.16	4.43	0.22
310	-16.1	0.0080	-20.97	0.179	2.98	9.61	4.20	0.20
320	-13.4	0.0080	-20.97	0.179	2.98	9.61	4.20	0.20
330	-8.7	0.0080	-20.97	0.179	2.98	9.61	4.20	0.20
340	-3.9	0.0080	-20.97	0.179	2.98	9.61	4.20	0.20
350	-6.9	0.0080	-20.97	0.179	2.98	9.61	4.20	0.20

AMSL= 295.2