NEW FM TRANSLATOR APPLICATION
JAMES L. OREBAUGH
NEW FM TRANSLATOR
CH 246D - 97.1 MHZ - 0.02 KW
HILLSBORO, OHIO
April 2009

EXHIBIT B

Interference Review for New FM Translator Hillsboro, Ohio
Using Proposed Site as Reference

REFERENCE
39 12 38.0 N.
83 35 13.0 W.

CH# 246D - 97.1 MHz, Pwr= 0.02 kW, HAAT= 39.6 M, COR= 349.3 M
Average Protected F(50-50)= 4.3 km
Omni-directional

DISPLAY DATES
DATA 04-23-09
SEARCH 04-23-09

CH CALL / CITY	TYPE	ANT STATE	AZI. <--	DIST FILE #	LAT. LNG.	Pwr(kW) HAAT(M)	INT(km) COR(M)	PRO(km) LICENSEE	*IN* (Overlap in km)	*OUT*
246D 1258273	**APP**	**C**	**222.1**	**3.0**	**39 11 25.0**	**0.038**	**14.0**	**4.4**	**-14.7***	**-13.3***
Hillsboro		**OH**	**42.1**	**BNPFT-20080620ACQ**	**83 36 38.0**		**335**	**James L. Orebaugh**		
246B WBNS-FM	LIC	CN	29.4	97.1	39 58 16.0	20.500	129.2	65.7	-37.0*	8.1
Columbus		OH	209.7	BLH-19850125LM	83 01 40.0	238	484	Radiohio, Incorporated		
243B WFTK	LIC	C	284.2	65.6	39 21 11.0	19.500	5.7	65.0	56.2	0.0
Lebanon		OH	103.8	BMLH-20020320ABO	84 19 30.0	247	474	Susquehanna Radio Corp.		
248A WVNU	LIC	CN	42.3	29.7	39 24 28.0	2.300	2.5	28.5	22.2	0.9
Greenfield		OH	222.5	BLH-19980729KE	83 21 15.0	164	450	Southern Ohio Broadcasting		
247C3 WSWD	CP	CX	255.8	82.7	39 01 27.8	25.000	62.1	40.8	16.8	36.6
Fort Thomas		KY	75.2	BPH-20070615ABV	84 30 44.2	100	322	Bonneville Holding Company		
249A WOXY	CP	CX	286.4	55.3	39 20 56.8	3.500	2.6	27.6	49.0	27.4
Mason		OH	106.0	BMPH-20090227ABJ	84 12 08.2	133	378	First Broadcasting Capital		
245L1 WUHS-LP	LIC		179.4	44.1	38 48 49.0	0.080	7.5	5.3	31.7	32.0
West Union		OH	359.4	BLL-20031021AAB	83 34 54.0	34	279	West Union High School		
247A WSWD	LIC	CX	269.5	80.8	39 12 01.0	2.550	43.1	28.5	34.0	47.0
Fort Thomas		KY	88.9	BLH-20051115ADD	84 31 22.0	155	373	Bonneville Holding Company		
246A WBVB	LIC	NCN	133.5	126.4	38 25 27.0	3.000	85.2	29.6	36.0	79.7
Coal Grove		OH	314.1	BLH-19901119KD	82 32 04.0	144	362	Capstar TX Limited Partner		
244B1 WKOV-FM	LIC	CN	103.0	87.9	39 01 45.0	16.000	4.1	45.7	78.1	41.8
Wellston		OH	283.6	BMLH-19940201KA	82 35 51.0	129	364	Jackson County Broadcasting		
246D 629671	APP	C	315.1	81.0	39 43 28.0	0.010	34.0	10.2	43.2	58.8
Dayton		OH	134.7	BNPFT-20030313AYK	84 15 18.0		577	Educational Media Foundation		
245A WOKL	CP	ZCX	327.9	96.9	39 56 49.0	6.000	42.0	27.2	51.2	64.4
Troy		OH	147.5	BPED-20070223AHC	84 11 29.0	95	373	Educational Media Foundation		
245C2 WGKS	LIC	CN	209.1	137.7	38 07 32.0	50.000	80.8	54.5	53.2	77.9
Paris		KY	28.6	BLH-19910606KI	84 21 12.0	150	433	L.M. Communications, Inc.		
245D W245AJ	LIC	C	282.8	73.4	39 21 11.0	0.010	10.4	7.3	59.3	60.7
Forest Park		OH	102.2	BLFT-20090121ACT	84 25 02.0		410	Educational Media Foundation		

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HILLSBORO, OHIO
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EXHIBIT B (continued)

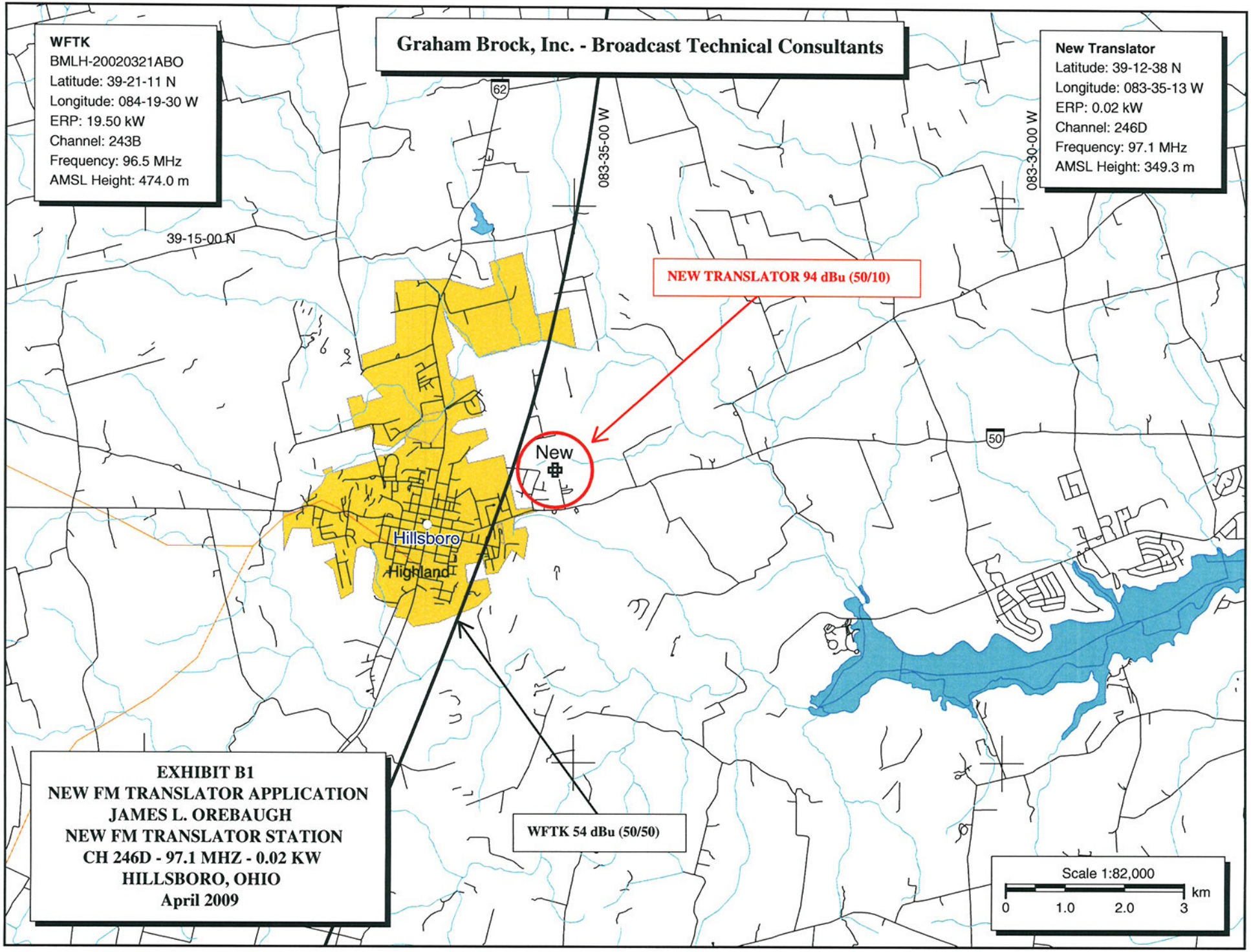
REFERENCE
39 12 38.0 N.
83 35 13.0 W.

CH# 246D - 97.1 MHz, Pwr= 0.02 kW, HAAT= 39.6 M, COR= 349.3 M
Average Protected F(50-50)= 4.3 km
Omni-directional

DISPLAY DATES
DATA 04-23-09
SEARCH 04-23-09

CH CITY	CALL	TYPE STATE	ANT	AZI. <--	DIST FILE #	LAT. LNG.	Pwr(kW) HAAT(M)	INT(km) COR(M)	PRO(km) LICENSEE	*IN* (Overlap in km)	*OUT*
249A Jackson	WCJO	CP OH	NCX 283.6	103.0	87.9 BPH-20070703ABJ	39 01 45.0 82 35 51.0	1.900 126	2.2 364	24.7 Jackson County Broadcasting	80.1	62.9
249A Jackson	WCJO	LIC OH	NCX 283.6	103.0	87.9 BLH-20050831AAY	39 01 45.0 82 35 51.0	3.000 91	2.2 326	23.5 Jackson County Broadcasting	80.0	64.1
246D Dayton	634402	APP OH	C 139.3	319.7	80.1 BNPFT-20030317AJV	39 45 28.0 84 11 36.0	0.021	12.1 298	3.8 The President & Trustees	64.2	64.3
249A Oxford	WOXY	LIC OH	NCX 110.1	290.7	96.4 BLH-20050701ACZ	39 30 44.0 84 38 09.0	1.200 206	2.2 471	29.6 First Broadcasting Capital	90.5	66.5
245A Troy	WOKL	LIC OH	ZC 150.2	330.5	104.5 BMLED-20030619AAC	40 01 41.0 84 11 28.0	3.000 96	32.0 380	21.6 Educational Media Foundation	68.8	77.6

Terrain data 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.


Graham Brock, Inc. - Broadcast Technical Consultants
WFTK
BMLH-20020321ABO
Latitude: 39-21-11 N
Longitude: 084-19-30 W
ERP: 19.50 kW
Channel: 243B
Frequency: 96.5 MHz
AMSL Height: 474.0 m
New Translator
Latitude: 39-12-38 N
Longitude: 083-35-13 W
ERP: 0.02 kW
Channel: 246D
Frequency: 97.1 MHz
AMSL Height: 349.3 m
083-35-00 W
083-30-00 W
39-15-00 N
62
50
NEW TRANSLATOR 94 dBu (50/10)
New
Hillsboro
Highland
WFTK 54 dBu (50/50)
EXHIBIT B1
NEW FM TRANSLATOR APPLICATION
JAMES L. OREBAUGH
NEW FM TRANSLATOR STATION
CH 246D - 97.1 MHZ - 0.02 KW
HILLSBORO, OHIO
April 2009
Scale 1:82,000
0
1.0
2.0
3
km

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NEW FM TRANSLATOR
CH 246D - 97.1 MHZ - 0.02 KW
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EXHIBIT B2

Predicted contour:

N. Lat. = 39 12 38 - Tabulated Protected and Interfering Contour Data
W. Lng. = 83 35 13 - New FM translator - Hillsboro, Ohio

HAAT and Distance to Contour - NGDC 30 Second terrain database

Azi.	HAAT	ERP kW	dBk	Field	60-F5	34-F1	40-F1	48-F1	54-F1	94-F1	100-F1
000	21.6	0.0200	-16.99	1.000	3.74	17.38	12.00	7.52	5.32	0.63	0.31
010	29.2	0.0200	-16.99	1.000	3.74	17.38	12.00	7.52	5.32	0.63	0.31
020	36.8	0.0200	-16.99	1.000	4.13	19.41	13.13	8.32	5.85	0.63	0.31
030	52.2	0.0200	-16.99	1.000	5.01	23.47	16.18	10.07	6.99	0.63	0.31
040	52.2	0.0200	-16.99	1.000	5.02	23.48	16.18	10.07	6.99	0.63	0.31
050	58.1	0.0200	-16.99	1.000	5.30	24.75	17.27	10.62	7.39	0.63	0.31
060	56.2	0.0200	-16.99	1.000	5.22	24.37	16.95	10.46	7.27	0.63	0.31
070	50.1	0.0200	-16.99	1.000	4.91	22.98	15.74	9.86	6.85	0.63	0.31
080	53.0	0.0200	-16.99	1.000	5.06	23.68	16.35	10.16	7.05	0.63	0.31
090	61.1	0.0200	-16.99	1.000	5.42	25.34	17.74	10.87	7.58	0.63	0.31
100	66.8	0.0200	-16.99	1.000	5.64	26.38	18.56	11.29	7.91	0.63	0.31
110	67.3	0.0200	-16.99	1.000	5.66	26.49	18.64	11.33	7.95	0.63	0.31
120	59.8	0.0200	-16.99	1.000	5.37	25.10	17.55	10.77	7.50	0.63	0.31
130	53.4	0.0200	-16.99	1.000	5.08	23.76	16.42	10.19	7.08	0.63	0.31
140	60.3	0.0200	-16.99	1.000	5.39	25.19	17.63	10.81	7.53	0.63	0.31
150	58.1	0.0200	-16.99	1.000	5.30	24.77	17.28	10.63	7.40	0.63	0.31
160	59.7	0.0200	-16.99	1.000	5.37	25.07	17.53	10.76	7.49	0.63	0.31
170	53.7	0.0200	-16.99	1.000	5.09	23.82	16.48	10.22	7.10	0.63	0.31
180	48.2	0.0200	-16.99	1.000	4.80	22.52	15.33	9.65	6.71	0.63	0.31
190	42.2	0.0200	-16.99	1.000	4.45	20.94	14.04	8.97	6.27	0.63	0.31
200	30.6	0.0200	-16.99	1.000	3.77	17.56	12.10	7.59	5.37	0.63	0.31
210	25.1	0.0200	-16.99	1.000	3.74	17.38	12.00	7.52	5.32	0.63	0.31
220	23.5	0.0200	-16.99	1.000	3.74	17.38	12.00	7.52	5.32	0.63	0.31
230	24.1	0.0200	-16.99	1.000	3.74	17.38	12.00	7.52	5.32	0.63	0.31
240	23.2	0.0200	-16.99	1.000	3.74	17.38	12.00	7.52	5.32	0.63	0.31
250	26.2	0.0200	-16.99	1.000	3.74	17.38	12.00	7.52	5.32	0.63	0.31
260	28.8	0.0200	-16.99	1.000	3.74	17.38	12.00	7.52	5.32	0.63	0.31
270	27.6	0.0200	-16.99	1.000	3.74	17.38	12.00	7.52	5.32	0.63	0.31
280	24.5	0.0200	-16.99	1.000	3.74	17.38	12.00	7.52	5.32	0.63	0.31
290	24.0	0.0200	-16.99	1.000	3.74	17.38	12.00	7.52	5.32	0.63	0.31
300	22.3	0.0200	-16.99	1.000	3.74	17.38	12.00	7.52	5.32	0.63	0.31
310	25.5	0.0200	-16.99	1.000	3.74	17.38	12.00	7.52	5.32	0.63	0.31
320	26.2	0.0200	-16.99	1.000	3.74	17.38	12.00	7.52	5.32	0.63	0.31
330	19.7	0.0200	-16.99	1.000	3.74	17.38	12.00	7.52	5.32	0.63	0.31
340	17.1	0.0200	-16.99	1.000	3.74	17.38	12.00	7.52	5.32	0.63	0.31
350	13.1	0.0200	-16.99	1.000	3.74	17.38	12.00	7.52	5.32	0.63	0.31

AMSL= 349.3 M