

Graham Brock, Inc. - Broadcast Technical Consultants

W240BV - Proposed
Latitude: 28-38-56 N
Longitude: 081-44-09 W
ERP: 0.25 kW
Channel: 239D
Frequency: 95.7 MHz
AMSL Height: 143.3 m
Horiz. Pattern: Directional
Prop Model: FCC

W240BV
BLFT-20060822AIJ
Latitude: 28-49-15 N
Longitude: 081-41-47 W
ERP: 0.038 kW
Channel: 240D
Frequency: 95.9 MHz
AMSL Height: 97.0 m
Horiz. Pattern: Omni
Prop Model: FCC

Area of 60 dBu Overlap

Proposed W240BV 60 dBu

Licensed W240BV 60 dBu

DETAIL OF 60 DBU OVERLAP

EXHIBIT B1
MINOR CHANGE APPLICATION
CENTRAL FLORIDA
EDUCATIONAL FOUNDATION, INC.
W240BV FM TRANSLATOR STATION
CH 239D - 95.7 MHZ - 0.250 KW
MOUNT DORA, FLORIDA
December 2010

Scale 1:45,139

0 0.6 1.2 1.8 km

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CENTRAL FLORIDA EDUCATIONAL FOUNDATION, INC.
W240BV FM TRANSLATOR STATION
CH 239D - 95.7 MHZ - 0.250 KW
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EXHIBIT C1

Interference Study for W240BV, Mount Dora, Florida on Channel 239D
Using Proposed Site as Reference

REFERENCE CH# 239D - 95.7 MHz, Pwr= 0.25 kW DA, HAAT= 115.9 M, COR= 143.3 M DISPLAY DATES
28 38 56.0 N. Average Protected F(50-50)= 13.8 km DATA 12-06-10
81 44 09.0 W. Standard Directional SEARCH 12-06-10

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*
240D Mount Dora	W240BV	LIC	C FL	11.4 191.4	19.4 BLFT20060822AIJ	28 49 15.0 81 41 47.0	0.038	9.9 97	6.9 Central Florida Educational	-2.3	-5.0
239C1 Clearwater	WBTP	LIC	CX FL	225.2 44.8	122.9 BMLH20041215ACC	27 52 00.0 82 37 27.0	100.000 185	160.1 186	62.4 Clear Channel Broadcasting	-39.3*<	53.1
239C3 Ormond-by-the-sea	WHOG-FM	LIC	CX FL	44.5 224.8	91.8 BMLH20040702AEK	29 14 11.0 81 04 22.0	25.000 100	112.9 103	38.4 Black Crow Radio, Llc	-35.3*<	5.6
240D Tavares	W212BF	ADD	FL	351.0	23.7 Contingent application	28 51 35.0	0.019	5.3	3.7	9.2	7.1
237C3 Maitland	WPYO	LIC	ZCX FL	107.2 287.4	28.0 BLH20040325AHN	28 34 27.0 81 27 46.0	12.000 144	2.9 173	31.3 Cox Radio, Inc.	15.5	-3.8*<
239L1 Christmas	WLPM-LP	LIC	FL	101.7 281.9	60.4 BLL20061121AFH	28 32 17.0 81 07 53.0	0.100 28	18.6 45	5.6 Orange Blossom Community	31.4	19.5
238A Silver Springs	WNDD	LIC	CN FL	336.8 156.6	76.4 BLH19950501KA	29 16 55.0 82 02 50.0	6.000 100	44.5 118	28.8 Ocala Broadcasting Corp.	26.5	39.9
241A Dade City	WTMP-FM	LIC	CX FL	250.4 70.2	58.2 BLH20080109AFU	28 28 22.0 82 17 45.0	2.800 147	2.6 180	29.0 Scott Savage, Receiver	53.4	29.2
238D Kissimmee	651845	APP	C FL	147.1 327.2	51.1 BNPFT20030317MKM	28 15 43.0 81 27 06.0	0.055	9.1 72	6.4 Bible Broadcasting Network	39.8	41.5
241D Kissimmee	1127837	APP	C FL	144.3 324.4	46.2 BNPFT20030828AOI	28 18 40.0 81 27 36.0	0.080	0.6 63	5.9 Bible Broadcasting Network	43.3	40.2
239L1 Buena Ventura Lakes	WBVL-LP	LIC	FL	136.6 316.8	61.6 BLL20081215ABF	28 14 42.0 81 18 12.0	0.029 54	18.4 72	5.6 Latinos Broadcasting Org.	40.8	47.5
239L1 Buena Ventura Lakes	WBVL-LP	CP	FL	136.8 317.0	62.0 BMPL20101102ACZ	28 14 27.0 81 18 08.0	0.094 31	18.6 49	5.6 Latinos Broadcasting Org.	41.0	47.9
240L1 Summerfield	WJRN-LP	LIC	FL	316.9 136.7	55.4 BLL20040825ACC	29 00 45.0 82 07 31.0	0.100 17	8.0 40	5.6 Hispanic-Multicultural	45.2	46.5

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 = 2, 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

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MOUNT DORA, FLORIDA
December 2010

EXHIBIT C2

Predicted contours:

North Latitude = 28 38 56 - Tabulated Protected and Interfering Contour Date
 West Longitude = 81 44 09 - W240BV FM Translator Station, Mount Dora, Florida

HAAT and Distance to Contour - NGDC 30 Second Terrain Database

Azi.	AV EL	HAAT	ERP kW	dBk	Field	60-F5	40-F5	54-F5	100-F5
000	20.4	122.9	0.0740	-11.31	0.544	10.56	35.81	14.86	0.60
010	22.4	120.9	0.1190	-9.24	0.690	11.76	40.08	17.29	0.77
020	20.3	123.0	0.1669	-7.78	0.817	12.86	43.76	19.26	0.91
030	20.0	123.3	0.2098	-6.78	0.916	13.63	46.24	20.54	1.02
040	20.6	122.7	0.2401	-6.20	0.980	14.07	47.62	21.24	1.09
050	19.9	123.4	0.2500	-6.02	1.000	14.26	48.18	21.53	1.11
060	18.3	125.0	0.2401	-6.20	0.980	14.20	47.95	21.44	1.09
070	18.2	125.1	0.2098	-6.78	0.916	13.73	46.47	20.69	1.02
080	18.0	125.3	0.1669	-7.78	0.817	12.97	44.07	19.45	0.91
090	18.0	125.3	0.1190	-9.24	0.690	11.95	40.65	17.64	0.77
100	18.1	125.2	0.0740	-11.31	0.544	10.66	36.12	15.16	0.60
110	18.1	125.2	0.0380	-14.20	0.390	9.06	30.32	12.66	0.43
120	18.2	125.1	0.0090	-20.45	0.190	6.35	21.13	8.93	0.21
130	20.0	123.3	0.0006	-32.04	0.050	3.01	10.16	4.48	0.06
140	26.3	117.0	0.0002	-36.48	0.030	2.20	7.68	3.29	0.03
150	31.1	112.2	0.0002	-36.48	0.030	2.18	7.53	3.23	0.03
160	40.5	102.8	0.0002	-36.48	0.030	2.11	7.21	3.10	0.03
170	44.6	98.7	0.0002	-36.48	0.030	2.08	7.06	3.04	0.03
180	40.9	102.4	0.0002	-36.48	0.030	2.11	7.20	3.10	0.03
190	34.2	109.1	0.0002	-36.48	0.030	2.16	7.43	3.19	0.03
200	34.6	108.7	0.0002	-36.48	0.030	2.15	7.41	3.19	0.03
210	35.9	107.4	0.0002	-36.48	0.030	2.15	7.37	3.17	0.03
220	35.9	107.4	0.0002	-36.48	0.030	2.15	7.37	3.17	0.03
230	36.1	107.2	0.0002	-36.48	0.030	2.14	7.36	3.17	0.03
240	36.0	107.3	0.0002	-36.48	0.030	2.14	7.37	3.17	0.03
250	34.6	108.7	0.0002	-36.48	0.030	2.15	7.41	3.19	0.03
260	34.6	108.7	0.0002	-36.48	0.030	2.15	7.41	3.19	0.03
270	33.7	109.6	0.0002	-36.48	0.030	2.16	7.44	3.20	0.03
280	32.9	110.4	0.0002	-36.48	0.030	2.16	7.47	3.21	0.03
290	32.2	111.1	0.0002	-36.48	0.030	2.17	7.49	3.22	0.03
300	33.3	110.0	0.0002	-36.48	0.030	2.16	7.45	3.20	0.03
310	30.3	113.0	0.0002	-36.48	0.030	2.18	7.55	3.24	0.03
320	26.0	117.3	0.0002	-36.48	0.030	2.21	7.69	3.29	0.03
330	22.8	120.5	0.0006	-32.04	0.050	2.99	10.05	4.44	0.06
340	18.2	125.1	0.0090	-20.45	0.190	6.35	21.13	8.93	0.21
350	19.8	123.5	0.0380	-14.20	0.390	9.00	30.12	12.58	0.43

AMSL= 143.3 M