

**MINOR CHANGE APPLICATION**  
**CENTRAL FLORIDA EDUCATIONAL FOUNDATION, INC.**  
**W240BV FM TRANSLATOR STATION**  
**CH 240D - 95.9 MHZ - 0.099 KW**  
**ORLANDO, FLORIDA**  
**July 2011**

**EXHIBIT C**

As indicated on Exhibit C1, the proposed operation of W240BV with an effective radiated power of 0.099 kilowatt at 135.6 meters (445.0 feet) above ground level will not cause interference to any existing, applied for, or proposed facility. As noted on Exhibit C1, the proposed W240BV is inside the predicted 60 dBu contour of third adjacent stations WHTQ, Channel 243C, Orlando, Florida and WPYO, Channel 237C3, Maitland, Florida. Due to the relationship between W240BV and WHTQ and WPYO, a 40 db ratio of the protected and interfering contours applies.

We have therefore calculated the level of signal of WHTQ and WPYO at the proposed W240BV site. A map showing the WHTQ and WPYO contours at the W240BV site is attached as Exhibit C2. The WHTQ contour at the W240BV site is 79.0 dBu (50/50) and the corresponding interfering contour for W240BV is 119.0 dBu (50/10). At its greatest distance, the interfering contour (119.0 dBu) of W240BV extends 0.08 kilometer (264 feet) from the proposed W240BV site. The proposed W240BV antenna system will be located 135.6 meters (445.0 feet) up on the tower. As such, the interfering contour of the proposed W240BV, as it relates to WHTQ, will not reach the ground.

The WPYO contour at the W240BV site is 95.0 dBu (50/50) and the corresponding interfering contour for W240BV is 135.0 dBu (50/10). At its greatest distance, the interfering contour (135.0 dBu) of W240BV extends 0.01 kilometer (32.7 feet) from the proposed W240BV site. The proposed W240BV antenna will be installed at 135.6 meters (445.0 feet) up on the tower. As such, the interfering contour of the proposed W240BV, as it relates to WPYO, will not reach the ground.

Based on the foregoing, it is believed that the proposed W240BV is in compliance with §74.1204(d) of the Commission's rules. If a waiver of the rule is needed to address WHTQ and WPYO, one is respectfully requested, based on the absence of any population affected in the interference area.

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**EXHIBIT C1**

Interference Review for W240BV Orlando, Florida  
Using Proposed Site as Reference

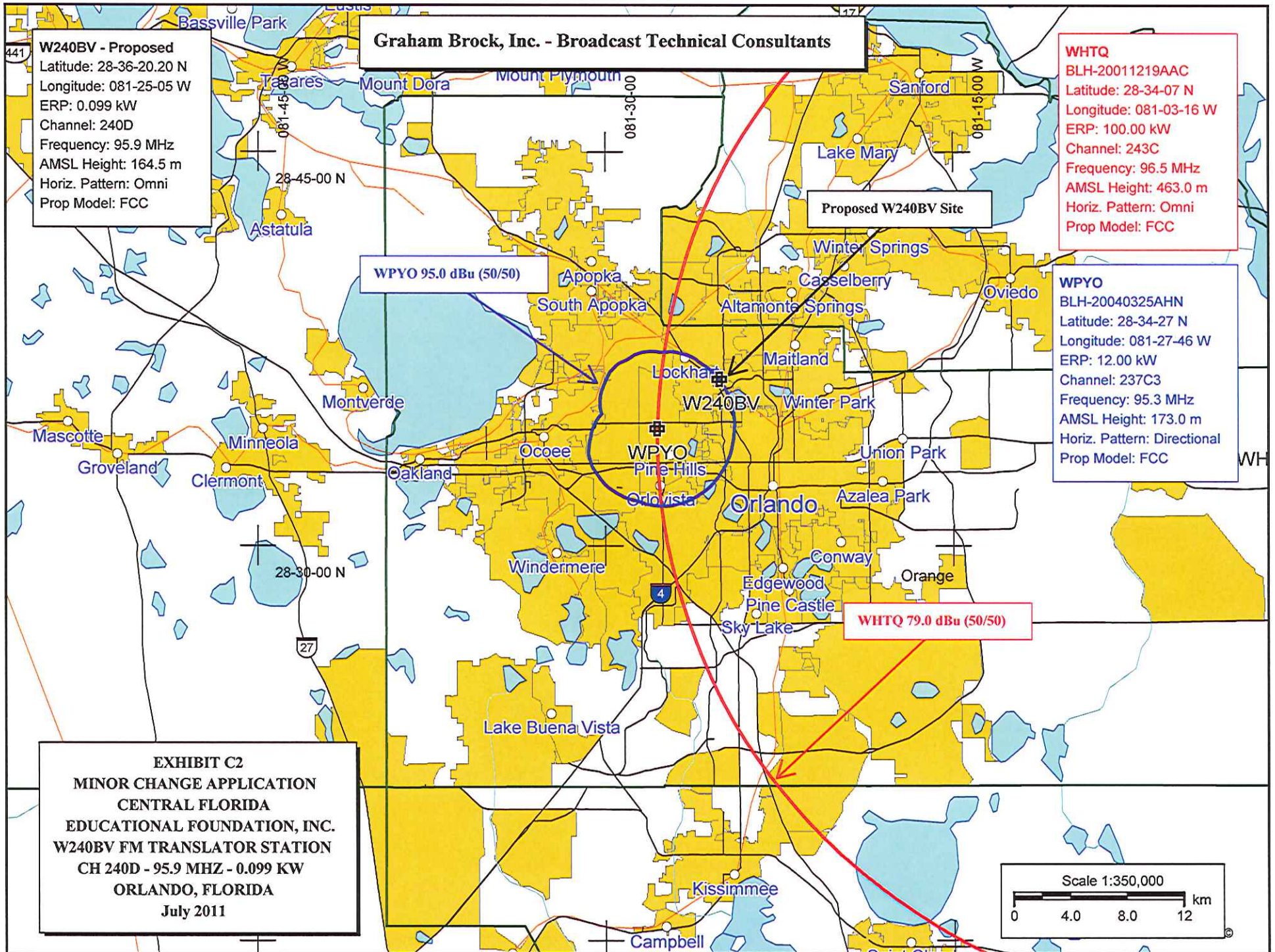
REFERENCE		CH# 240D - 95.9 MHZ, Pwr= 0.099 kW, HAAT= 138.0 M, COR= 164.5 M								DISPLAY DATES	
28 36 20.2 N.		Average Protected F(50-50)= 12.0 km								DATA	07-27-11
81 25 05.0 W.		Omni-directional								SEARCH	07-27-11
CH CITY	CALL	TYPE	ANT STATE	AZI. <---	DIST FILE #	LAT. LNG.	Pwr (kW) HAAT (M)	INT (km) COR (M)	PRO (km) LICENSEE	*IN* (Overlap in km)	*OUT*
240D Orlando	W240BV	LIC	C FL	253.3 73.2	18.0 BLFT20110705ACO	28 33 32.5 81 35 38.9	0.099	48.8 245	14.8 Central Florida Educational	-42.4*	-36.0
243C Orlando	WHTQ	LIC	NCY FL	96.5 276.7	35.8 BLH20011219AAC	28 34 07.0 81 03 16.0	100.000 454	12.1 463	83.3 Cox Radio, Inc.	11.5	-48.1*<
237C3 Maitland	WPYO	LIC	ZCX FL	231.3 51.3	5.6 BLH20040325AHN	28 34 27.0 81 27 46.0	12.000 144	4.0 173	39.8 Cox Radio, Inc.	-9.9*<	-34.9*<
240C3 Sebastian	WSJZ-FM	CP	NCX FL	133.2 313.6	115.9 BPH20081212ABP	27 53 21.0 80 33 27.0	21.500 109	111.2 112	38.9 Cumulus Licensing Llc	-7.1<	37.1
240C3 Sebastian	WSJZ-FM	LIC	C FL	138.1 318.5	117.2 BLH20010405AAB	27 49 05.0 80 37 18.0	25.000 88	111.5 94	37.0 Cumulus Licensing Llc	-6.1<	40.3
239L1 Christmas	WLPM-LP	LIC		105.0 285.1	29.0 BLL20061121AFH	28 32 17.0 81 07 53.0	0.100 28	8.0 45	5.6 Orange Blossom Community	8.9	5.5
239C3 Ormond-by-the-sea	WHOG-FM	LIC	CX FL	25.5 205.7	77.6 BMLH20040702AEK	29 14 11.0 81 04 22.0	25.000 100	59.4 103	38.4 Black Crow Radio, Llc, Debt	6.0	21.1
241D Kissimmee	1127837	APP	C FL	187.1 7.1	32.9 BNPFT20030828AOI	28 18 40.0 81 27 36.0	0.080 43	8.8 63	6.1 Bible Broadcasting Network	12.0	8.9
239L1 Buena Ventura Lakes	WBVL-LP	LIC		164.3 344.4	41.5 BLL20081215ABF	28 14 42.0 81 18 12.0	0.029 54	7.9 72	5.6 Latinos Broadcasting Organ	21.7	18.3
241D Tavares	W241BL	LIC	C FL	309.2 129.1	44.8 BLFT20110418ACE	28 51 35.0 81 46 27.0	0.019 105	10.0 127	7.1 Central Florida Educational	23.1	20.5
238D Kissimmee	651845	APP	C FL	184.9 4.9	38.2 BNPFT20030317MKM	28 15 43.0 81 27 06.0	0.055 53	0.5 72	6.5 Bible Broadcasting Network	25.6	31.0
241A Dade City	WTMP-FM	LIC	CX FL	260.4 80.0	87.2 BLH20080109AFU	28 28 22.0 82 17 45.0	2.800 147	43.2 180	28.5 Scott Savage, Receiver	32.3	41.5
240L1 Summerfield	WJRN-LP	LIC		303.5 123.1	82.5 BLL20040825ACC	29 00 45.0 82 07 31.0	0.100 17	18.6 40	5.6 Hispanic-multicultural	52.1	36.8
239C1 Clearwater	WBTP	LIC	CX FL	235.5 54.9	143.9 BMLH20041215ACC	27 52 00.0 82 37 27.0	100.000 185	92.8 186	62.4 Clear Channel Broadcasting	39.7	64.7

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= East Zone, 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

Reference station has protected zone issue: AM tower



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**EXHIBIT C3**

Predicted contours:

North Latitude = 28 36 20.2 - Tabulated Protected and Interfering Contour Date  
 West Longitude = 81 25 05.0 - W240BV FM Translator Station, Orlando, Florida

HAAT and Distance to Contour - NGDC 30 Second Terrain Database											
Azi.	AV EL	HAAT	ERP kW	dBk	Field	60-F5	40-F1	54-F1	100-F1	119-F1	135-F1
000	13.0	151.5	0.0990	-10.04	1.000	12.61	42.10	18.78	0.70	0.08	0.01
010	12.1	152.4	0.0990	-10.04	1.000	12.65	42.21	18.85	0.70	0.08	0.01
020	20.6	143.9	0.0990	-10.04	1.000	12.26	41.19	18.17	0.70	0.08	0.01
030	20.7	143.8	0.0990	-10.04	1.000	12.26	41.19	18.17	0.70	0.08	0.01
040	20.7	143.8	0.0990	-10.04	1.000	12.26	41.19	18.17	0.70	0.08	0.01
050	19.6	144.9	0.0990	-10.04	1.000	12.31	41.31	18.25	0.70	0.08	0.01
060	20.7	143.8	0.0990	-10.04	1.000	12.25	41.18	18.16	0.70	0.08	0.01
070	19.6	144.9	0.0990	-10.04	1.000	12.31	41.31	18.25	0.70	0.08	0.01
080	18.7	145.8	0.0990	-10.04	1.000	12.35	41.42	18.33	0.70	0.08	0.01
090	20.3	144.2	0.0990	-10.04	1.000	12.27	41.23	18.20	0.70	0.08	0.01
100	23.4	141.1	0.0990	-10.04	1.000	12.13	40.86	17.95	0.70	0.08	0.01
110	25.8	138.7	0.0990	-10.04	1.000	12.02	40.56	17.75	0.70	0.08	0.01
120	30.0	134.5	0.0990	-10.04	1.000	11.84	40.04	17.42	0.70	0.08	0.01
130	30.7	133.8	0.0990	-10.04	1.000	11.80	39.95	17.36	0.70	0.08	0.01
140	31.2	133.3	0.0990	-10.04	1.000	11.78	39.89	17.32	0.70	0.08	0.01
150	28.8	135.7	0.0990	-10.04	1.000	11.89	40.19	17.52	0.70	0.08	0.01
160	28.4	136.1	0.0990	-10.04	1.000	11.91	40.23	17.54	0.70	0.08	0.01
170	26.2	138.3	0.0990	-10.04	1.000	12.01	40.52	17.73	0.70	0.08	0.01
180	24.0	140.5	0.0990	-10.04	1.000	12.10	40.78	17.90	0.70	0.08	0.01
190	24.2	140.3	0.0990	-10.04	1.000	12.10	40.76	17.89	0.70	0.08	0.01
200	27.9	136.6	0.0990	-10.04	1.000	11.93	40.30	17.59	0.70	0.08	0.01
210	35.1	129.4	0.0990	-10.04	1.000	11.61	39.40	17.01	0.70	0.08	0.01
220	37.7	126.8	0.0990	-10.04	1.000	11.50	39.06	16.80	0.70	0.08	0.01
230	38.2	126.3	0.0990	-10.04	1.000	11.47	38.99	16.75	0.70	0.08	0.01
240	38.3	126.2	0.0990	-10.04	1.000	11.47	38.99	16.75	0.70	0.08	0.01
250	37.9	126.6	0.0990	-10.04	1.000	11.49	39.04	16.78	0.70	0.08	0.01
260	33.7	130.8	0.0990	-10.04	1.000	11.67	39.57	17.12	0.70	0.08	0.01
270	30.0	134.5	0.0990	-10.04	1.000	11.83	40.03	17.41	0.70	0.08	0.01
280	27.6	136.9	0.0990	-10.04	1.000	11.94	40.34	17.61	0.70	0.08	0.01
290	28.5	136.0	0.0990	-10.04	1.000	11.90	40.23	17.54	0.70	0.08	0.01
300	29.2	135.3	0.0990	-10.04	1.000	11.87	40.14	17.48	0.70	0.08	0.01
310	33.0	131.5	0.0990	-10.04	1.000	11.70	39.66	17.17	0.70	0.08	0.01
320	30.2	134.3	0.0990	-10.04	1.000	11.83	40.01	17.40	0.70	0.08	0.01
330	27.8	136.7	0.0990	-10.04	1.000	11.93	40.31	17.59	0.70	0.08	0.01
340	23.3	141.2	0.0990	-10.04	1.000	12.14	40.87	17.96	0.70	0.08	0.01
350	15.0	149.5	0.0990	-10.04	1.000	12.51	41.86	18.62	0.70	0.08	0.01

AMSL= 164.5