

MINOR CHANGE APPLICATION
CENTRAL FLORIDA EDUCATIONAL FOUNDATION, INC.
W239BS FM TRANSLATOR STATION
CH 240D - 95.9 MHZ - 0.099 KW
ORLANDO, FLORIDA
February 2011

EXHIBIT C

As indicated on Exhibit C1, the proposed operation of W239BS on Channel 240D with an effective radiated power of 0.099 kilowatt at 207.2 meters (379.8 feet) above ground level will not cause interference to any existing, applied for, or proposed facility. As noted on Exhibit C1, the proposed W239BS on Channel 240D 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 W239BS on Channel 240D 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 W239BS site. A map showing the WHTQ and WPYO contours at the W239BS site is attached as Exhibit C2. The WHTQ contour at the W239BS site is 72.75 dBu (50/50) and the corresponding interfering contour for W239BS is 112.75 dBu (50/10). At its greatest distance, the interfering contour (112.75 dBu) of W239BS extends 0.16 kilometer (524.9 feet) from the proposed W239BS site. The proposed W239BS antenna system will be located 207.2 meters (679.8 feet) up on the tower. As such, the interfering contour of the proposed W239BS, as it relates to WHTQ, will not reach the ground.

The WPYO contour at the W239BS site is 77.85 dBu (50/50) and the corresponding interfering contour for W239BS is 117.85 dBu (50/10). At its greatest distance, the interfering contour (117.85 dBu) of W239BS extends 0.09 kilometer (295.3 feet) from the proposed W239BS site. The proposed W239BS antenna will be installed at 207.2 meters (679.8 feet) up on the tower. As such, the interfering contour of the proposed W239BS, as it relates to WPYO, will not reach the ground.

Based on the foregoing, it is believed that the proposed W239BS operating on Channel 240D 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 Study for W239BS, Orlando, Florida on Channel 240D
Using Proposed Site as Reference

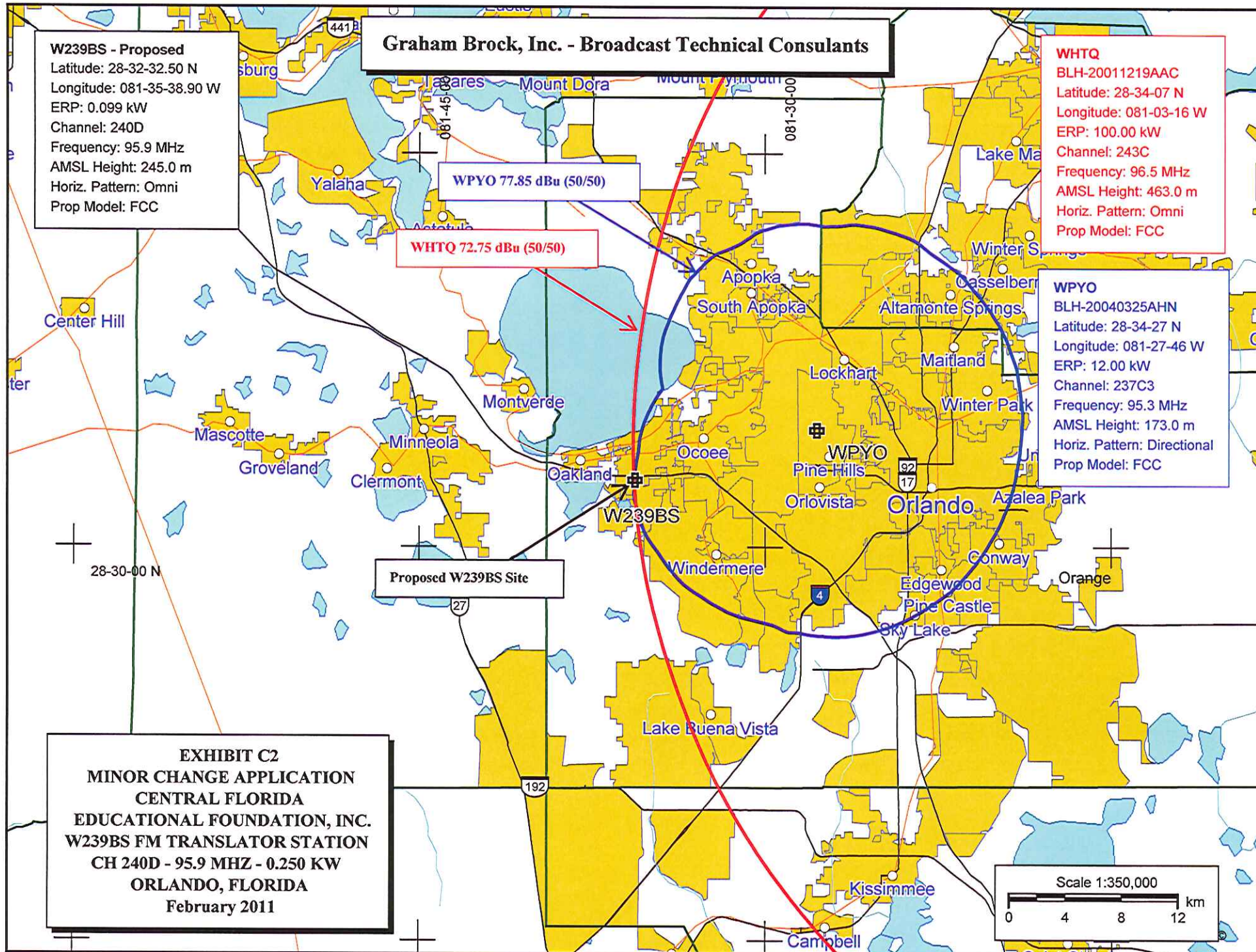
REFERENCE		CH# 240D - 95.9 MHZ, Pwr= 0.099 kW, HAAT= 213.6 M, COR= 245 M							DISPLAY DATES		
28 32 32.5 N.		Average Protected F(50-50)= 15.0 km							DATA	02-22-11	
81 35 38.9 W.		Omni-directional							SEARCH	02-22-11	
CH CITY	CALL	TYPE STATE	ANT STATE	AZI. <--	DIST FILE #	LAT. LNG.	Pwr (kW) HAAT (M)	INT (km) COR (M)	PRO (km) LICENSEE	*IN* (Overlap in km)	*OUT*
239D Mount Dora	W239BS	LIC DV FL		310.6 130.5	18.2 BLFT-20110203ACP	28 38 56.0 81 44 09.0	0.250	4.4 143	3.0 Central Florida Educational	-1.6	-8.1
243C Orlando	WHTQ	LIC NCY FL		86.7 267.0	52.9 BLH-20011219AAC	28 34 07.0 81 03 16.0	100.000 454	12.1 463	83.3 Cox Radio, Inc.	26.1	-31.1*<
237C3 Maitland	WPYO	LIC ZCX FL		74.6 254.6	13.3 BLH-20040325AHN	28 34 27.0 81 27 46.0	12.000 144	3.6 173	36.3 Cox Radio, Inc.	-4.9*<	-23.7*<
240D Tavares	W240CM	LIC C FL		333.6 153.5	39.3 BLFT-20110203ACS	28 51 35.0 81 46 27.0	0.019	23.6 127	7.0 Central Florida Educational	0.3	-18.5<
> Not considered a factor due to contingent application to move to Channel 241D (see below)											
240C3 Sebastian	WSJZ-FM	LIC C FL		130.0 310.4	124.7 BLH-20010405AAB	27 49 05.0 80 37 18.0	25.000 88	111.5 94	37.0 Cumulus Licensing LLC	-1.6<	38.8
240C3 Sebastian	WSJZ-FM	CP NCX FL		125.3 305.8	124.9 BPH-20081212ABP	27 53 21.0 80 33 27.0	21.500 109	111.2 112	38.9 Cumulus Licensing LLC	-1.2<	37.1
241D Kissimmee	1127837	APP C FL		152.9 333.0	28.8 BNPFT-20030828AOI	28 18 40.0 81 27 36.0	0.080	8.4 63	5.9 Bible Broadcasting Network	5.3	0.0
241A Dade City	WTMP-FM	LIC CX FL		263.7 83.4	69.1 BLH-20080109AFU	28 28 22.0 82 17 45.0	2.800 147	43.1 180	28.4 Scott Savage, Receiver	11.2	18.2
241D Tavares	W240CM	APP C FL		333.6 153.5	39.3	28 51 35.0 81 46 27.0	0.019	9.9 127	7.0 Central Florida Educational	19.0	17.9
239L1 Buena Ventura Lakes	WBVL-LP	LIC FL		139.2 319.4	43.6 BLL-20081215ABF	28 14 42.0 81 18 12.0	0.029 54	7.8 72	5.6 Latinos Broadcasting Organ.	20.6	15.1
239L1 Buena Ventura Lakes	WBVL-LP	CP FL		139.5 319.6	44.0 BMPL-20101102ACZ	28 14 27.0 81 18 08.0	0.094 31	8.0 49	5.6 Latinos Broadcasting Organ	20.9	15.5
240L1 Summerfield	WJRN-LP	LIC FL		315.4 135.2	73.5 BLL-20040825ACC	29 00 45.0 82 07 31.0	0.100 17	18.6 40	5.6 Hispanic-Multicultural Broad.	39.5	17.2
239L1 Christmas	WLPM-LP	LIC FL		90.5 270.7	45.3 BLL-20061121AFH	28 32 17.0 81 07 53.0	0.100 28	8.0 45	5.6 Orange Blossom Community	22.6	17.4
239C3 Ormond-by-the-sea	WHOG-FM	LIC CX FL		33.2 213.5	92.2 BMLH-20040702AEK	29 14 11.0 81 04 22.0	25.000 100	59.3 103	38.3 Black Crow Radio, LLC, Debtor	18.0	31.3

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

* A contingent application proposing to change W240CM to Channel 241D is being submitted with this instant
application. The proposed W239BS on Channel 240D will not cause any interference to W249CM on Channel 241D.



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Predicted contours:

North Latitude = 28 32 32.5 - Tabulated Protected and Interfering Contour Date
 West Longitude = 81 35 38.9 - W239BS FM Translator Station, Orlando, Florida

HAAT and Distance to Contour - NGDC 30 Second Terrain Database										
Azi.	HAAT	ERP kW	dBk	Field	60-F5	40-F1	54-F1	100-F1	112.75-F1	117.85-F1
000	226.7	0.0990	-10.04	1.000	15.44	50.71	23.36	0.70	0.16	0.09
010	226.4	0.0990	-10.04	1.000	15.43	50.67	23.34	0.70	0.16	0.09
020	222.1	0.0990	-10.04	1.000	15.28	50.22	23.13	0.70	0.16	0.09
030	212.0	0.0990	-10.04	1.000	14.92	49.09	22.60	0.70	0.16	0.09
040	208.0	0.0990	-10.04	1.000	14.78	48.62	22.38	0.70	0.16	0.09
050	208.1	0.0990	-10.04	1.000	14.78	48.64	22.39	0.70	0.16	0.09
060	207.0	0.0990	-10.04	1.000	14.74	48.50	22.32	0.70	0.16	0.09
070	206.7	0.0990	-10.04	1.000	14.73	48.47	22.31	0.70	0.16	0.09
080	205.6	0.0990	-10.04	1.000	14.69	48.33	22.25	0.70	0.16	0.09
090	206.1	0.0990	-10.04	1.000	14.71	48.40	22.28	0.70	0.16	0.09
100	210.0	0.0990	-10.04	1.000	14.85	48.85	22.49	0.70	0.16	0.09
110	210.4	0.0990	-10.04	1.000	14.86	48.90	22.51	0.70	0.16	0.09
120	210.9	0.0990	-10.04	1.000	14.88	48.96	22.54	0.70	0.16	0.09
130	211.6	0.0990	-10.04	1.000	14.90	49.04	22.58	0.70	0.16	0.09
140	217.9	0.0990	-10.04	1.000	15.13	49.75	22.91	0.70	0.16	0.09
150	218.2	0.0990	-10.04	1.000	15.14	49.79	22.93	0.70	0.16	0.09
160	216.3	0.0990	-10.04	1.000	15.07	49.58	22.83	0.70	0.16	0.09
170	216.0	0.0990	-10.04	1.000	15.06	49.55	22.81	0.70	0.16	0.09
180	214.8	0.0990	-10.04	1.000	15.01	49.40	22.75	0.70	0.16	0.09
190	213.7	0.0990	-10.04	1.000	14.98	49.28	22.69	0.70	0.16	0.09
200	209.7	0.0990	-10.04	1.000	14.84	48.82	22.47	0.70	0.16	0.09
210	208.1	0.0990	-10.04	1.000	14.78	48.63	22.39	0.70	0.16	0.09
220	207.8	0.0990	-10.04	1.000	14.77	48.59	22.37	0.70	0.16	0.09
230	209.6	0.0990	-10.04	1.000	14.83	48.81	22.47	0.70	0.16	0.09
240	211.0	0.0990	-10.04	1.000	14.88	48.98	22.55	0.70	0.16	0.09
250	208.0	0.0990	-10.04	1.000	14.78	48.62	22.38	0.70	0.16	0.09
260	209.2	0.0990	-10.04	1.000	14.82	48.76	22.45	0.70	0.16	0.09
270	208.4	0.0990	-10.04	1.000	14.79	48.66	22.40	0.70	0.16	0.09
280	207.5	0.0990	-10.04	1.000	14.76	48.56	22.35	0.70	0.16	0.09
290	213.9	0.0990	-10.04	1.000	14.98	49.30	22.70	0.70	0.16	0.09
300	213.6	0.0990	-10.04	1.000	14.97	49.27	22.68	0.70	0.16	0.09
310	225.1	0.0990	-10.04	1.000	15.38	50.54	23.28	0.70	0.16	0.09
320	226.9	0.0990	-10.04	1.000	15.45	50.72	23.37	0.70	0.16	0.09
330	227.0	0.0990	-10.04	1.000	15.45	50.74	23.38	0.70	0.16	0.09
340	226.9	0.0990	-10.04	1.000	15.45	50.73	23.37	0.70	0.16	0.09
350	226.9	0.0990	-10.04	1.000	15.45	50.72	23.37	0.70	0.16	0.09

AMSL= 245.0 M