

NEW FM TRANSLATOR APPLICATION
CENTRAL FLORIDA EDUCATIONAL FOUNDATION, INC.
NEW FM TRANSLATOR STATION
CH 252D - 98.3 MHZ - 0.170 KW
MELBOURNE, FLORIDA
March 2003

EXHIBIT A

Graham Brock, Inc. - Broadcast Technical Consultants
St. Simons Island, GA - Washington, DC

Interference analysis for new FM translator Melbourne Florida
Using proposed site as reference

REFERENCE CH# 252D - 98.3 MHZ, Pwr= 0.17 kW, HAAT=37.5M, COR= 38 M DISPLAY DATES
28 07 13 N Average Protected F(50-50)= 7.1 km DATA 03-05-03
80 38 40 W Ave. F(50-10) 40 dBu= 23.9 54 dBu= 10.2 80 dBu= 2.3 100 dBu= .9 SEARCH 03-09-03

CH CITY	CALL	TYPE STATE	AZI. <--	DIST FILE #	LAT. LNG.	Pwr (kW) HAAT (M)	COR (M) INT (km)	PRO (km) LICENSEE	*IN* (Overlap in km)	*OUT*
253A	ALLO	VAC	34.3	7.13	28 10 24	6.000	0	28.3	-43.74	-31.39
Satellite Beach		FL	214.3		80 36 12	100	43.7			
251C1	*WNUEFM	LIC NCN	345.3	83.46	28 50 54	100.000	147	58.1	-10.90	15.79
Titusville		FL	165.3	BLH19950407KA	80 51 44	147	87.7	Mega Communications Of Day		
> Reference HAAT at 345.3'= 32.9 M, Pwr= 000.17 kW, Pro. Dist. = 6.7 km, Int Dist. = 9.6 km										
253D	*W253AG	LIC C	331.9	21.21	28 17 20	0.170	35	6.4	5.38	5.30
Cocoa		FL	151.9	BLFT20000602AFQ	80 44 48	29	9.2	Central Educational Broadc		
> Reference HAAT at 331.9'= 32.0 M, Pwr= 000.17 kW, Pro. Dist. = 6.62 km, Int Dist. = 9.48 km										
253D	*W253AG	CP C	333.5	28.46	28 20 59	0.019	106	6.9	12.06	12.04
Cocoa		FL	153.5	BFPT20020409AAO	80 46 29	103	9.8	Central Educational Broadc		
> Reference HAAT at 333.5'= 32.0 M, Pwr= 000.17 kW, Pro. Dist. = 6.62 km, Int Dist. = 9.48 km										
252C2	WWRZ	LIC CN	245.3	125.44	27 38 38	26.000	240	52.2	-12.23	49.33
Fort Meade		FL	65.3	BLH19990330KA	81 48 00	209	130.5	Hall Communications Inc		
250L1	*AP250	APP	144.4	27.94	27 54 56	0.097	32	5.7	20.15	21.28
Ballard Pines		FL	324.4	BNPL20010613ADS	80 28 43	32	0.7	Assembleia De Deus - Minis		
> Reference HAAT at 144.4'= 37.1 M, Pwr= 000.17 kW, Pro. Dist. = 7.1 km, Int Dist. = 0.91 km										
251L1	*AP251	APP	153.7	49.64	27 43 08	0.100	18	5.6	34.88	34.30
Winter Beach		FL	333.7	BNPL20010615ABK	80 25 14	15	8.0	Assembleia De Deus - Minis		
> Reference HAAT at 153.7'= 33.6 M, Pwr= 000.17 kW, Pro. Dist. = 6.77 km, Int Dist. = 9.7 km										
255C2	*WMMO	LIC C	302.4	94.70	28 34 27	44.000	188	52.3	81.89	41.52
Orlando		FL	122.4	BLH19991008ABG	81 27 46	160	5.9	Cox Radio, Inc.		
> Reference HAAT at 302.4'= 34.6 M, Pwr= 000.17 kW, Pro. Dist. = 6.86 km, Int Dist. = 0.91 km										
254C1	*WKGR	LIC CN	159.2	129.73	27 01 32	100.000	299	72.3	112.94	56.51
Fort Pierce		FL	339.2	BLH19970624KA	80 10 43	299	10.1	Clear Channel Broadcasting		
> Reference HAAT at 159.2'= 32.6 M, Pwr= 000.17 kW, Pro. Dist. = 6.68 km, Int Dist. = 0.91 km										

* = ERP and HAAT on direct line to and from reference station.

Note : Translators are not required to protect vacant allotments.

Note : Translators are not protected from incoming interference from full service stations.

