

NEW FM TRANSLATOR APPLICATION
CENTRAL FLORIDA
EDUCATIONAL FOUNDATION INC.
NEW FM TRANSLATOR STATION
CH 274D - 102.7 MHZ - 0.170 KW
GROVELAND, FLORIDA
March 2003

EXHIBIT A

Interference review for new FM translator Groveland, Florida
Using proposed site as reference

REFERENCE		CH# 274D - 102.7 MHz, Pwr= 0.17 kW, HAAT=36.2M, COR= 61 M								DISPLAY DATES	
28 34 04 N		Average Protected F(50-50)= 7.0 km								DATA	03-05-03
81 51 25 W		Ave. F(50-10) 40 dBu= 23.5 54 dBu= 10.0 80 dBu= 2.3 100 dBu= .9								SEARCH	03-15-03
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*	
276C3	*WLOQ	LIC CN	94.4	40.32	28 32 22	14.000	164	37.8	30.06	1.62	
Winter Park		FL	274.4	BLH19950405KA	81 26 46	124	3.8	Gross Communications Corpo			
> Reference HAAT at 94.4'= 21.3 M, Pwr= 000.17 kW, Pro. Dist. = 6.44 km, Int Dist. = 0.91 km											
274C2	*WHKR	LIC ZCN	102.7	108.72	28 20 59	10.133	134	36.2	1.98	51.02	
Rockledge		FL	282.7	BLH20021015ACD	80 46 29	132	100.3	Cumulus Licensing Corp.			
> Reference HAAT at 102.7'= 22.8 M, Pwr= 000.17 kW, Pro. Dist. = 6.44 km, Int Dist. = 21.48 km											
274L1	*AP274	APP	20.6	37.03	28 52 49	0.100	52	5.9	10.85	9.60	
Eustis		FL	200.6	BNPL20010615AZM	81 43 22	34	19.7	Lake County Community Medi			
> Reference HAAT at 20.6'= 25.5 M, Pwr= 000.17 kW, Pro. Dist. = 6.44 km, Int Dist. = 21.48 km											
274L1	*AP274	APP	21.0	37.34	28 52 55	0.100	52	5.9	11.28	9.94	
Eustis		FL	201.0	BNPL20010613AFU	81 43 08	33	19.6	Blue Lake Academy,inc			
> Reference HAAT at 21.0'= 25.5 M, Pwr= 000.17 kW, Pro. Dist. = 6.44 km, Int Dist. = 21.48 km											
274L1	*AP274	APP	351.1	39.64	28 55 16	0.100	52	5.6	14.63	12.52	
Lady Lake		FL	171.1	BNPL20010615ADM	81 55 12	23	18.6	Best Of Life Educational S			
> Reference HAAT at 351.1'= 25.8 M, Pwr= 000.17 kW, Pro. Dist. = 6.44 km, Int Dist. = 21.48 km											
274L1	*AP274	APP	21.5	43.19	28 55 48	0.100	52	5.9	17.00	15.76	
Umatilla		FL	201.5	BNPL20010612AEV	81 41 38	34	19.8	Communication Arts Center,			
> Reference HAAT at 21.5'= 25.5 M, Pwr= 000.17 kW, Pro. Dist. = 6.44 km, Int Dist. = 21.48 km											
273C	*WHPT	LIC CN	196.8	134.18	27 24 30	100.000	520	86.4	-1.18	38.57	
Sarasota		FL	16.8	BLH19890126KE	82 15 00	495	128.9	Cxr Holdings, Inc.			
> Reference HAAT at 196.8'= 24.5 M, Pwr= 000.17 kW, Pro. Dist. = 6.44 km, Int Dist. = 9.21 km											
272C2	*WTRS	LIC C	322.9	86.41	29 11 15	50.000	171	51.5	73.80	33.98	
Dunnellon		FL	142.9	BMLH20011214AJZ	82 23 40	145	5.9	Asterisk Communications, I			
> Reference HAAT at 322.9'= 33.4 M, Pwr= 000.17 kW, Pro. Dist. = 6.75 km, Int Dist. = 0.91 km											
274L1	*AP274	APP	266.8	60.59	28 32 08	0.100	50	5.6	34.97	31.34	
Brooksville		FL	86.8	BNPL20010615ALB	82 28 30	23	18.6	Landmark Baptist Church			
> Reference HAAT at 266.8'= 36.6 M, Pwr= 000.17 kW, Pro. Dist. = 7.04 km, Int Dist. = 23.62 km											
274L1	*AP274	APP	266.8	60.59	28 32 08	0.100	50	5.6	34.97	31.34	
Brooksville		FL	86.8	BNPL20010613AEC	82 28 30	23	18.6	Landmark Baptist Church			
> Reference HAAT at 266.8'= 36.6 M, Pwr= 000.17 kW, Pro. Dist. = 7.04 km, Int Dist. = 23.62 km											
274C3	WRGO	LIC C	302.5	131.13	29 11 45	12.500	140	38.9	18.80	68.77	
Cedar Key		FL	122.5	BLH20001106AAF	82 59 46	140	105.3	6 Johnson Road Licenses, I			
220C2	WHGN.C	CP DCX	295.8	70.29	28 50 29	41.000	165	52.3	15.0R	55.3M	
Crystal River		FL	115.8	BMPED20020401AAU	82 30 21	165	0.0	Seven Rivers Broadcast Min			
220C2	WHGN.A	APP DEX	295.8	70.29	28 50 29	41.000	165	50.0	15.0R	55.3M	
Crystal River		FL	115.8	BLED20020207AAS	82 30 21	147	0.0	Seven Rivers Broadcast Min			

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

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

Graham Brock, Inc. - Broadcast Technical Consultants

Proposed Translator
Latitude: 28-34-04 N
Longitude: 081-51-25 W
ERP: 0.17 kW
Channel: 274D
AMSL Height: 61.0 m

AP274 (LPFM)
BNPL-20010615AZM
Latitude: 28-52-49 N
Longitude: 081-43-22 W
ERP: 0.10 kW
Channel: 274D
AMSL Height: 51.445 m

WLOQ
BLH-19950405KA
Latitude: 28-32-22 N
Longitude: 081-26-46 W
ERP: 14.00 kW
Channel: 276C3
AMSL Height: 164.0 m

WLOQ 60 dBu (50/50)

AP274 40 dBu (50/10)

AP274 60 dBu (50/50)

TRANSLATOR 100 dBu (50/10)

TRANSLATOR 60 dBu (50/50)

TRANSLATOR 40 dBu (50/10)

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Scale 1:750,000

