

Channel Study

REFERENCE		CH# 270D - 101.9 MHz, Pwr= 0.038 kW, HAAT= 0.0 M, COR= 73 M								DISPLAY DATES	
30 18 18.0 N.		Average Protected F(50-50)= 4.4 km								DATA 01-17-12	
81 23 47.0 W.		Omni-directional								SEARCH 01-26-12	
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*
270C Daytona Beach	WJHM	LIC	NC FL	177.2 357.2	153.8 BMLH20081010ATQ	28 55 10.0 81 19 08.0	92.000 483	187.1 493	84.5 Cbs Radio Stations Inc.	-40.2*<	46.3
270D Jacksonville Beach	W272BG	CP	C FL	0.0 0.0	0.0 BPFT20111003AFO	30 18 18.0 81 23 47.0	0.038	22.9 73	6.9 Educational Media Foundati	-29.8*	-29.8*
268C Brunswick	WSOL-FM	LIC	C GA	330.5 150.3	65.9 BMLH20070320AJI	30 49 16.0 81 44 14.0	100.000 446	12.1 450	83.3 Citicasters Licenses, Inc.	46.9	-17.8*<
272D Jacksonville Beach	W272BG	LIC	C FL	0.0 0.0	0.0 BLFT20070629AEF	30 18 18.0 81 23 47.0	0.038 71	0.4 73	6.9 Educational Media Foundati	-7.3*	-7.3*
268C Brunswick	WSOL-FM	AXL	CN GA	330.5 150.3	65.9 BLH19900503KG	30 49 17.0 81 44 13.0	100.000 299	10.1 303	72.5 Citicasters Licenses, Inc.	48.9	-7.0*<
271D Jacksonville	W271AP	LIC	C FL	274.8 94.7	23.8 BLFT20070521AAC	30 19 22.1 81 38 33.7	0.007 279	12.5 285	8.9 Reach Communications, Inc.	4.7	5.6
272D Jacksonville	W271AP	CP	DC FL	274.8 94.7	23.8 BPFT20111003AFW	30 19 22.1 81 38 33.7	0.099	0.7 285	17.2 Reach Communications, Inc.	16.6	6.1
270D Cambon	W270AK	LIC	C FL	281.2 101.0	42.8 BLFT20030729ACW	30 22 44.0 81 50 01.0	0.019 88	22.3 102	6.7 Calvary Chapel Of Twin Fal	14.0	14.3
273C1 Waycross	WYNR	LIC	CX GA	330.0 149.7	109.3 BMLH20100114ABU	31 09 22.0 81 58 19.0	97.000 303	10.2 319	73.0 Qantum Of Brunswick Licens	92.2	35.8
270C3 Pearson	WPNG	LIC	CX GA	309.4 128.6	180.5 BLH20100722CZW	31 19 36.0 82 51 54.0	13.000 140	108.0 203	40.7 Broadcast South, Llc	65.8	117.3

KM Terrain database is NGDC 30 SEC, R= 73.215 qualifying spacings or FCC minimum spacings in KM, M= Margin in
 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

Compliance with C.F.R. 74.1204

The proposed FM Translator is located within the protected 60 dBu contour of second adjacent channel station WSOL (channel 268C) Brunswick, GA. According to 74.1204(a)(3), in order to protect second adjacent facilities, the difference in dB between the two facilities must not exceed 40dB.

EMF has investigated the proposed W272BG facility using V-Soft Communication's X-Field program. This program calculates the incoming signal of the station to be protected, and then calculates the interfering contour of the proposed facility based on the proposed ERP, antenna height above ground, and the actual characteristics of the antenna being used (e.g. vertical plane, directionality, number of bays). In this case W272BG's proposed facility has an ERP of 38 watts, height AG of 70m, and is using an RFS CPF500 Single Bay antenna.

As can be seen in the graph below, at no point does the interfering contour of the proposed facility exceed the required 40dB difference (green line on graph). Therefore, the proposed facility does not cause interference at any point.

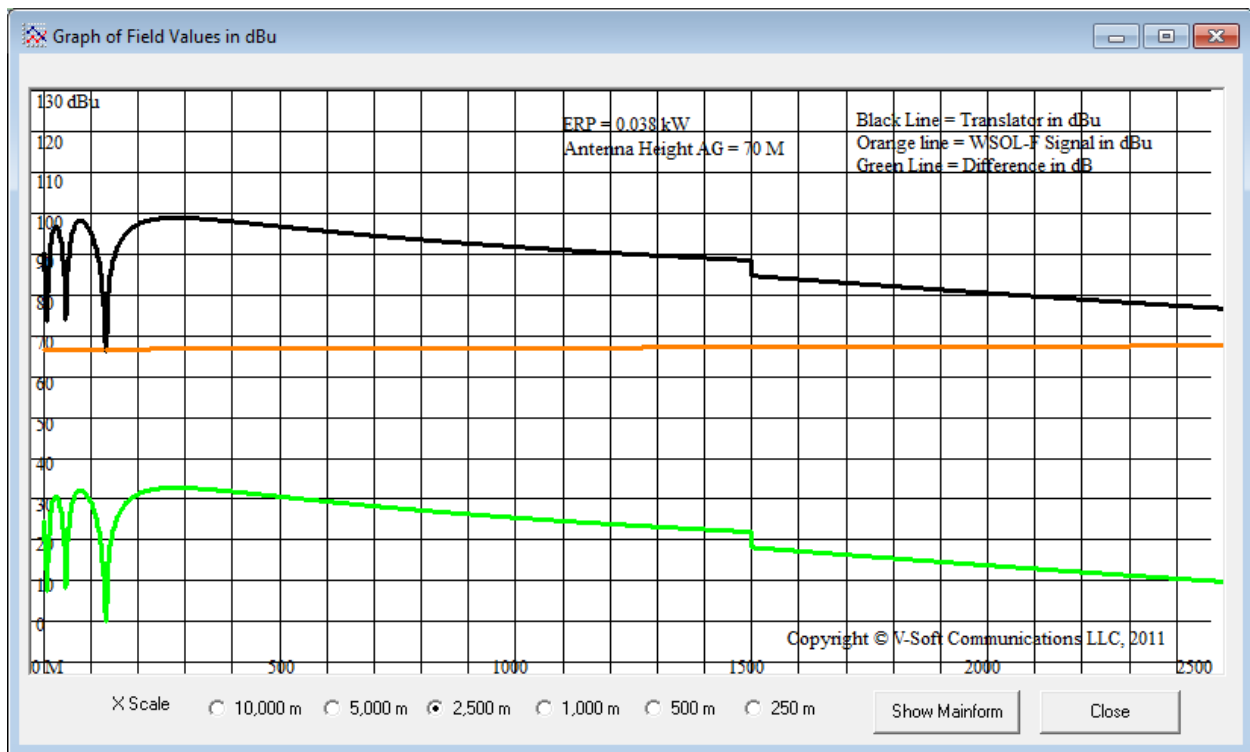


Exhibit 13-B

FMCommander Single Allocation Study - 09-28-2011 - NGDC 30 SEC
W272BG.P's Overlaps (In= 16.56 km, Out= 6.11 km)

W272BG.P CH 270 D

Lat= 30 18 18.0, Lng= 81 23 47.0

0.038 kW 70.8 M HAAT, 73 M COR

Prot.= 60 dBu, Intef.= 100 dBu

W271AP.P CH 272 D

Lat= 30 19 22.1, Lng= 81 38 33.7

0.099 kW 279.4 M HAAT, 285 M COR

Prot.= 60 dBu, Intef.= 100 dBu

