

**MINOR CHANGE APPLICATION**  
**DONNA I. TAYLOR**  
**W272DM FM TRANSLATOR STATION**  
**CH 272D - 102.3 MHZ - 0.25 KW**  
**GRIFFIN, GEORGIA**  
**April 2017**

**EXHIBIT A1**

Interference Study for W272DM  
Using Proposed Site as Reference

REFERENCE		CH# 272D - 102.3 MHZ, Pwr= 0.25 kW, HAAT= 0.0 M, COR= 354 M						DISPLAY DATES		
33 14 24.0 N.		Average Protected F(50-50)= 7.1 km						DATA 03-15-17		
84 14 55.0 W.		Omni-directional						SEARCH 04-07-17		
CH CITY	CALL	TYPE ANT STATE	AZI. <--	DIST FILE #	LAT. LNG.	Pwr (kW) HAAT (M)	INT (km) COR (M)	PRO (km) LICENSEE	*IN* (Overlap	*OUT* in km)
272D Griffin	W272DM!	LIC DC GA	0.0 0.0	0.00 BLFT20161209ABK	33 14 24.0 84 14 55.0	0.250	35.6 354	10.5 Donna I. Taylor	-49.1	-56.5
272C3 Roanoke	WELR-FM	LIC NCN AL	258.2 77.6	103.67 BLH19921118KC	33 02 39.0 85 20 15.0	8.900 166	104.3 390	40.2 Eagle's Nest, Inc.	-12.9*	21.8
272A Buford	WLKQ-FM	LIC ZCX GA	14.3 194.5	101.14 BLH20030416AAA	34 07 16.0 83 58 35.0	4.200 119	86.8 452	29.6 Davis Broadcasting Of Atla	0.8	24.7
273A Mableton	WPZE	LIC NC GA	334.1 154.0	55.50 BLH20010906AAH	33 41 20.0 84 30 38.0	3.000 143	41.3 416	27.1 New Mableton Broadcasting	2.1	10.5
272A Milledgeville	WKZR	LIC CN GA	100.4 280.9	94.54 BMLH19891227KE	33 04 58.0 83 15 01.0	3.300 91	75.0 213	23.0 Wmvg, Inc.	5.1	22.2
219C3 Peachtree City	WMVW	LIC DCX GA	271.6 91.5	16.89 BLED20100510AKQ	33 14 39.0 84 25 49.0	13.000 75	111.8 323	37.3 Life Radio Ministries Inc	11.5R	5.4M
271A Bolingbroke	WWWD	LIC ZCX GA	129.9 310.1	57.36 BLH20050523AHU	32 54 30.0 83 46 37.0	4.500 115	36.8 247	23.6 George S. Flinn, Jr.	6.3	11.2
271L1 Fayetteville	WGAFF-LP	CP GA	301.5 121.3	32.99 BNPL20131112BFA	33 23 40.8 84 33 06.3	0.100 20			11.0	7.4
271L1 Conyers	WHJU-LP	CP GA	28.3 208.4	43.69 BNPL20131112ALG	33 35 08.6 84 01 29.2	0.100 25			20.1	15.5
271D Atlanta	W270CP	APP DC GA	349.6 169.5	57.05 BMPFT20160211ACM	33 44 41.0 84 21 36.0	0.080	24.0 539	16.0 Immanuel Broadcasting Netw	19.9	21.8
275D Fayetteville	W275BK	CP DC GA	313.5 133.3	42.68 BPFT20141203AAP	33 30 13.0 84 34 58.0	0.250	1.1 443	17.4 Radio One Licenses, Llc	29.0	24.1
275C Columbus	WVRK	LIC NCY GA	206.6 26.3	114.06 BLH20140115AAE	32 19 15.9 84 47 28.5	100.000 482	12.5 600	85.9 Cc Licenses, Llc	88.9	27.0
275D Decatur	W275BK	LIC C GA	349.6 169.5	57.05 BLFT20140109AAS	33 44 41.0 84 21 36.0	0.147 313	0.9 589	20.4 Radio One Licenses, Llc	43.1	35.5
270D Atlanta	W270CP	CP C GA	359.4 179.4	53.12 BNPFT20130828ADO	33 43 04.0 84 15 18.0	0.003 66	0.1 336	3.9 Immanuel Broadcasting Netw	39.4	48.0

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

In & Out distances between contours are shown at closest points. Reference Zone= East Zone, Co to 3rd adjacent.

All separation margins (if shown) include rounding. Call signs with exclamation marks need not be protected.

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 restricted contour.

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**EXHIBIT A2**

N. Lat. = 33 14 24.0 - Predicted Protected and Interfering Contours  
W. Lng. = 84 14 55.0 - W272DM FM Translator, Griffin, Georgia

HAAT and Distance to Contour - FCC 30 second terrain database

Azi.	AV EL	HAAT	ERP kW	dBk	Field	60-F5	40-F1	54-F1	100-F1
000	244.6	109.4	0.2500	-6.02	1.000	13.44	46.01	20.21	1.11
010	240.4	113.6	0.2500	-6.02	1.000	13.70	46.72	20.64	1.11
020	239.4	114.6	0.2500	-6.02	1.000	13.76	46.88	20.73	1.11
030	232.5	121.5	0.2500	-6.02	1.000	14.16	47.92	21.37	1.11
040	227.2	126.8	0.2500	-6.02	1.000	14.46	48.65	21.83	1.11
050	228.0	126.0	0.2500	-6.02	1.000	14.41	48.53	21.75	1.11
060	221.8	132.2	0.2500	-6.02	1.000	14.78	49.39	22.30	1.11
070	227.6	126.4	0.2500	-6.02	1.000	14.43	48.59	21.79	1.11
080	230.6	123.4	0.2500	-6.02	1.000	14.26	48.17	21.53	1.11
090	225.8	128.2	0.2500	-6.02	1.000	14.53	48.83	21.94	1.11
100	227.3	126.7	0.2500	-6.02	1.000	14.45	48.64	21.82	1.11
110	221.9	132.1	0.2500	-6.02	1.000	14.77	49.37	22.29	1.11
120	227.3	126.7	0.2500	-6.02	1.000	14.45	48.62	21.81	1.11
130	236.8	117.2	0.2500	-6.02	1.000	13.91	47.28	20.98	1.11
140	241.0	113.0	0.2500	-6.02	1.000	13.66	46.61	20.57	1.11
150	249.4	104.6	0.2500	-6.02	1.000	13.15	45.13	19.70	1.11
160	249.7	104.3	0.2500	-6.02	1.000	13.13	45.08	19.67	1.11
170	239.6	114.4	0.2500	-6.02	1.000	13.74	46.84	20.71	1.11
180	240.1	113.9	0.2500	-6.02	1.000	13.71	46.76	20.66	1.11
190	246.1	107.9	0.2500	-6.02	1.000	13.35	45.74	20.05	1.11
200	259.6	94.4	0.2500	-6.02	1.000	12.51	43.06	18.55	1.11
210	261.4	92.6	0.2500	-6.02	1.000	12.40	42.66	18.34	1.11
220	260.3	93.7	0.2500	-6.02	1.000	12.47	42.91	18.47	1.11
230	267.7	86.3	0.2500	-6.02	1.000	11.99	41.20	17.57	1.11
240	278.3	75.7	0.2500	-6.02	1.000	11.29	38.55	16.23	1.11
250	281.5	72.5	0.2500	-6.02	1.000	11.06	37.68	15.81	1.11
260	265.5	88.5	0.2500	-6.02	1.000	12.13	41.72	17.84	1.11
270	258.5	95.5	0.2500	-6.02	1.000	12.58	43.30	18.68	1.11
280	251.0	103.0	0.2500	-6.02	1.000	13.05	44.84	19.53	1.11
290	255.7	98.3	0.2500	-6.02	1.000	12.76	43.89	19.00	1.11
300	254.5	99.5	0.2500	-6.02	1.000	12.83	44.13	19.14	1.11
310	260.4	93.6	0.2500	-6.02	1.000	12.46	42.88	18.46	1.11
320	268.5	85.5	0.2500	-6.02	1.000	11.93	41.00	17.47	1.11
330	266.5	87.5	0.2500	-6.02	1.000	12.06	41.48	17.72	1.11
340	268.0	86.0	0.2500	-6.02	1.000	11.97	41.14	17.54	1.11
350	256.3	97.7	0.2500	-6.02	1.000	12.72	43.76	18.93	1.11

AMSL= 354.0 M