

Alabama Christian Radio, Inc.

MODIFY W276CL

BNPFT-20130314ACX

Rome, Georgia – October 2014

Technical Statement:

The attached technical statement and related exhibits are prepared by EME Communications for Alabama Christian Radio, Inc. The purpose is to modify the construction permit of W276CL to specify a new antenna location, antenna type and primary station.

Attached, as exhibit 1, is a comprehensive report on the possible interfering contour of the proposed.

The applicant proposes to employ a three (3) bay composite antenna pattern made up of three Scala CA5-FM-CP-Rm antennas. The individual antenna are pointing along the 340°, 30° and the 80° radials.

Offered as exhibit 2 is a plot that shows the 60 dBu contour of the proposed will not extend past the 2.0 mV/m contour of the primary station WROM (AM) or the 25 mile limit. This proposal is offered as a fill in for WROM (AM).

The proposed remains mutual exclusive with current construction permit of W276CL. Attached is an exhibit the shows same.

The terrain data employed for all studies within this proposal is the FCC 30 sec. It is requested that Commission staff use the same database when evaluating this proposal.

Conclusion: Alabama Christian Radio. Inc. proposes to re-broadcast FM station WROM (AM) to better serve the people of Rome, GA. It is believed this statement, and attached exhibits should pass muster with the Commission's staff and therefore be granted.

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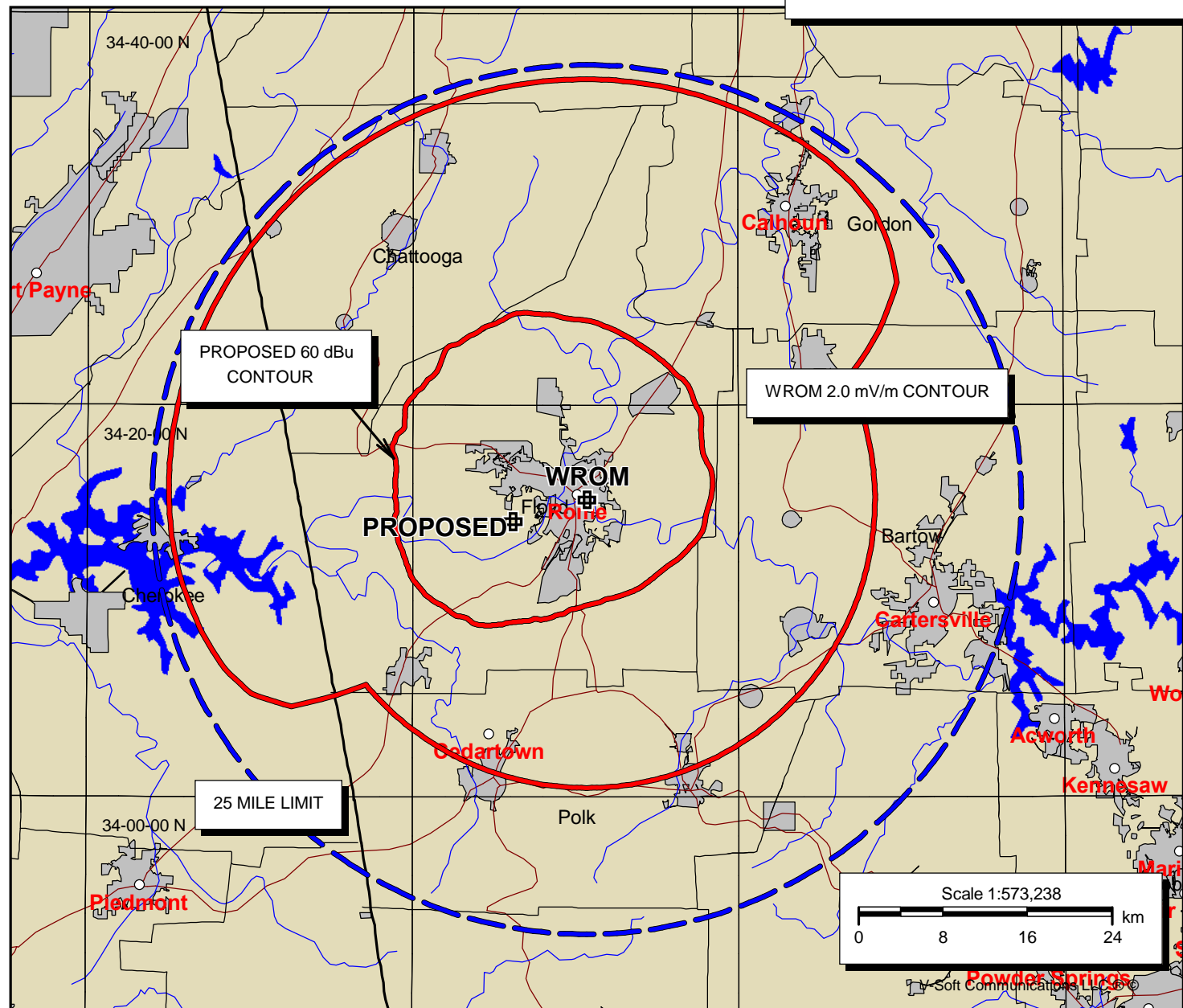
EXHIBIT - 1

Alabama

REFERENCE CH# 276D - 103.1 MHz, Pwr= 0.25 kW DA, HAAT= 219.7 M, COR= 441.8 M DISPLAY DATES
 34 14 04.0 N. Average Protected F(50-50)= 19.4 km DATA 10-29-14
 85 13 51.0 W. Standard Directional SEARCH 10-29-14

CH CITY	CALL	TYPE STATE	ANT AZI <--	DIST FILE #	LAT LNG	PWR(kw) HAAT(M)	INT(km) COR(M)	PRO(km) LICENSEE	*IN* (Overlap in km)	*OUT*
276D Atlanta Junction	W276CL	CP _C_ GA	81.4 261.5	5.39 BNPFT20130314ACX	34 14 30.0 85 10 22.0	0.250 -11	23.8 213	7.1 Alabama Christian Radio In	-36.7*	-59.5*
276C2 Etowah	WLLJ	CP ZCX TN	24.7 205.1	117.97 BPH20110405AAD	35 11 49.0 84 41 14.0	50.000 150	127.0 429	48.3 Friendship Broadcasting L1	-27.2*	5.0
277C0 Atlanta	WVEE	LIC _C_ GA	122.4 302.9	98.05 BMLH20080222ADZ	33 45 33.0 84 20 05.0	100.000 310	109.5 594	74.9 Cbs Radio East Inc.	-26.0*	1.5
276C2 Etowah	WLLJ	LIC _CN TN	20.2 200.5	144.92 BLH19890814KF	35 27 24.0 84 40 43.0	50.000 150	140.4 418	54.6 Friendship Broadcasting L1	-15.8	28.0
275L1 Calhoun	WLOJ-LP	LIC ____ GA	42.6 222.7	42.44 BLL20021022AAA	34 30 55.0 84 55 03.0	0.058 39	256	Georgia-cumberland Associa	13.2	5.6
279D Cartersville	W213BV	CP _C_ GA	95.7 275.9	42.35 BPFT20140918ADN	34 11 45.0 84 46 21.0	0.010	0.2 467	8.9 Calvary Chapel Of Twin Fal	24.5	32.6
275A Attalla	WKXX	LIC _CN AL	252.4 71.9	94.36 BLH19910909KD	33 58 28.0 86 12 24.0	1.100 214	46.7 456	30.9 Broadcast Media Llc	37.1	48.4
274A Fruithurst	WCKS	CP NCX AL	185.2 5.2	65.15 BMPH20140820AAK	33 39 03.0 85 17 41.0	1.000 200	1.9 538	26.3 Wcks, Llc	53.4	38.5
274A Fruithurst	WCKS	LIC ZCN AL	188.2 8.2	68.64 BLH19940422KA	33 37 24.0 85 20 14.0	1.650 192	2.3 509	27.8 Wcks, Llc	56.4	40.1
274A Trenton	WBDX	LIC _CN GA	348.1 168.0	71.48 BLH19920911KE	34 51 48.0 85 23 35.0	0.320 419	1.3 754	29.7 Partners For Christian Med	51.1	40.7
279C3 Walden	WKXJ	LIC _CX TN	356.9 176.8	99.25 BLH20080625ACA	35 07 33.0 85 17 25.0	25.000 89	5.8 429	52.3 Citicasters Licenses, Inc.	73.7	45.7

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.
 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.



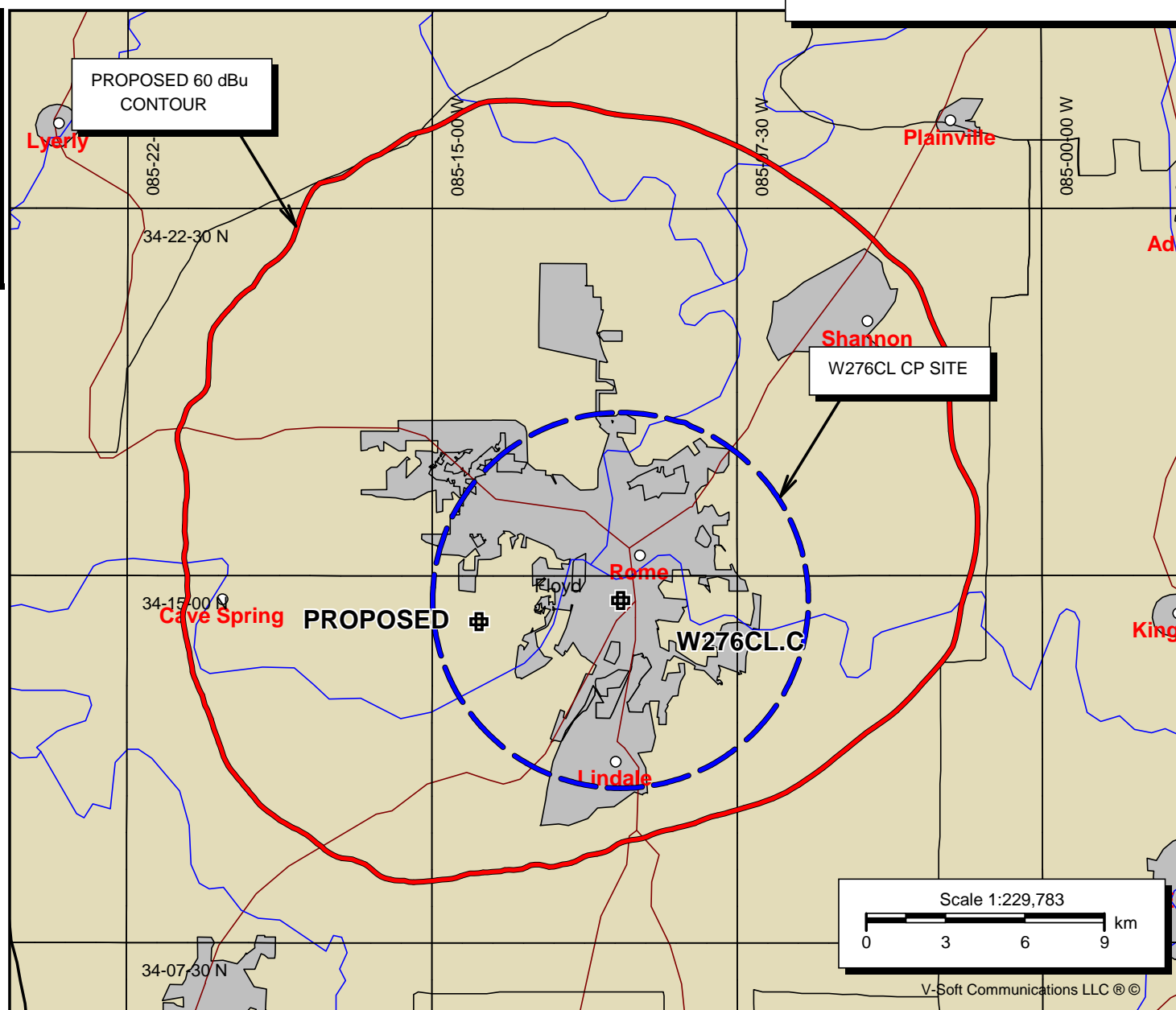
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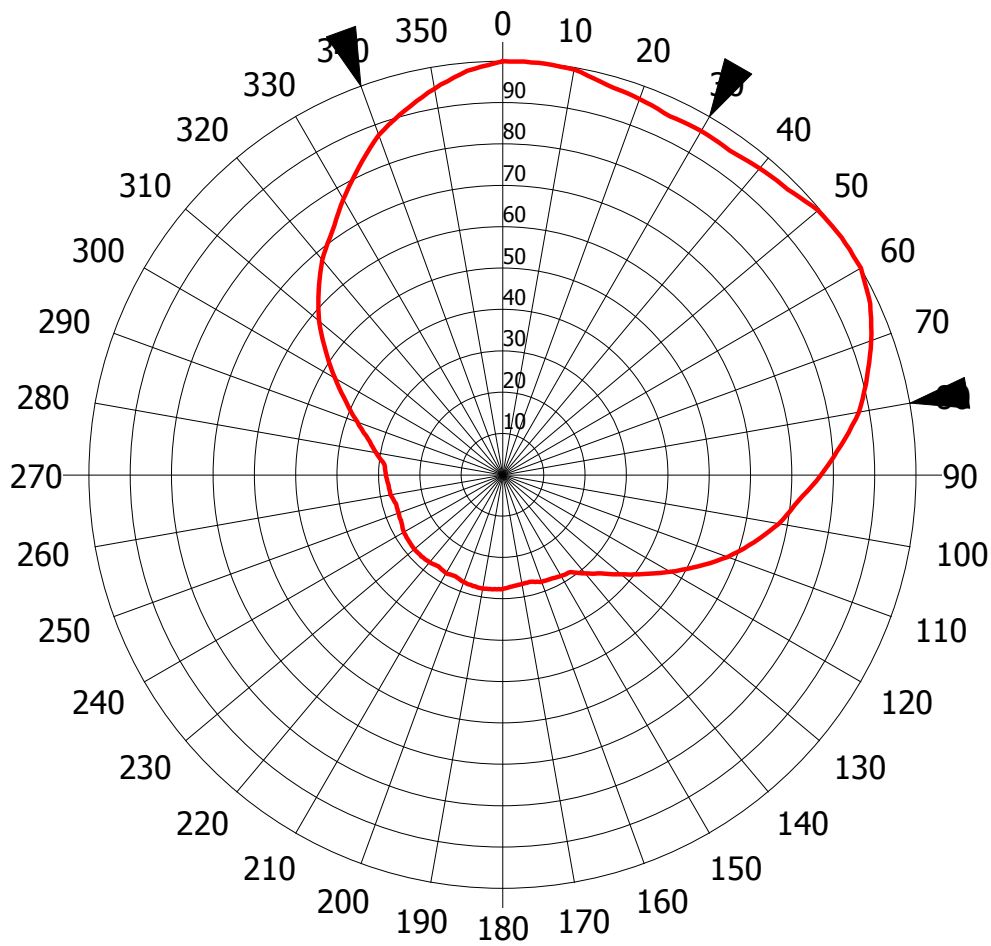
PROPOSED

Latitude: 34-14-04 N
Longitude: 085-13-51 W
ERP: 0.25 kW
Channel: 276
Frequency: 103.1 MHz
AMSL Height: 441.81 m
Elevation: 302.19 m
Horiz. Pattern: Directional
Vert. Pattern: No
Prop Model: None

W276CL.C

BNPFT20130314ACX
Latitude: 34-14-30 N
Longitude: 085-10-22 W
ERP: 0.25 kW
Channel: 276
Frequency: 103.1 MHz
AMSL Height: 213.0 m
Elevation: 183.0 m
Horiz. Pattern: Omni
Vert. Pattern: No
Prop Model: None





Azi	Rel	dBk	kW	dB	Azi	Rel	dBk	kW	dB
0	0.999	-0.03	0.993	-0.01	180	0.276	-11.22	0.076	-11.19
10	0.995	-0.07	0.984	-0.05	190	0.279	-11.11	0.077	-11.08
20	0.967	-0.32	0.929	-0.29	200	0.276	-11.22	0.076	-11.19
30	0.960	-0.38	0.916	-0.35	210	0.274	-11.27	0.075	-11.25
40	0.967	-0.32	0.929	-0.29	220	0.276	-11.22	0.076	-11.19
50	0.995	-0.07	0.984	-0.05	230	0.279	-11.11	0.077	-11.08
60	1.000	-0.03	0.994	0.00	240	0.276	-11.22	0.076	-11.19
70	0.948	-0.49	0.893	-0.46	250	0.268	-11.48	0.071	-11.45
80	0.874	-1.19	0.760	-1.17	260	0.275	-11.24	0.075	-11.21
90	0.770	-2.30	0.589	-2.28	270	0.282	-11.02	0.079	-11.00
100	0.678	-3.40	0.457	-3.37	280	0.311	-10.17	0.096	-10.15
110	0.579	-4.77	0.333	-4.75	290	0.373	-8.58	0.139	-8.55
120	0.468	-6.62	0.218	-6.60	300	0.468	-6.62	0.218	-6.60
130	0.373	-8.58	0.139	-8.55	310	0.579	-4.77	0.333	-4.75
140	0.311	-10.17	0.096	-10.15	320	0.678	-3.40	0.457	-3.37
150	0.282	-11.02	0.079	-11.00	330	0.770	-2.30	0.589	-2.28
160	0.275	-11.24	0.075	-11.21	340	0.874	-1.19	0.760	-1.17
170	0.268	-11.48	0.071	-11.45	350	0.948	-0.49	0.893	-0.46

Rotation Angle = 0