

**Central Georgia Radio, LLC.**

**WCEH (AM) – Hawkinsville, GA**

**Long Form Application**

**November – 2017**

**Technical Statement**

EME Communications has been retained by Central Georgia Radio, LLC., to prepare this long form application as part of the auction 99 filing window.

**Proposed Site:**

Tower ID: 1020419

Coordinates (NAD27): 32-16-50.41 N, 083-26-30.39 W

Status: Constructed

Action Date: 03/17/2010

Construction Date: 01/01/1957

Location: NEAR, HARTFORD, GA

Height (AG): 93.00 m, Elevation: 76.00 m, Structure Height: 92.00 m

Circular Number: N/A

FAA Number: N/A    FAA Chapter: 1, 3, 12, 21

**Interference Showing:**

The attached interference study employs the FCC 30 sec terrain database. It is requested the Commission's staff use the same terrain data when evaluating this application.

Attached as exhibit 1 is a comprehensive showing the clearly show the proposal will not cause interference to any facility present or proposed..

**Antenna System:**

Applicant proposes to employ a single bay non-directional antenna system.

The applicant proposes to re-broadcast the programming of AM station WCEH. Attached as an exhibit is a plot showing the proposed will not extend the 2.0 mV/m contour of WCEH (AM) or the 25-mile limit.

WCEH (AM) currently does not employ any other translator service.

/s/ Clyde Scott Jr.  
EME Communications  
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Central Georgia Radio Llc  
 CH# 241D - 96.1 MHz, Pwr= 0.25 kw, HAAT= 0.0 M, COR= 166 M  
 Average Protected F(50-50)= 7.09 km  
 Omni-directional

REFERENCE  
 32 16 50.0 N.  
 83 26 30.0 W.

DISPLAY DATES  
 DATA 11-17-17  
 SEARCH 11-18-17

CH CITY	CALL	TYPE ANT STATE	AZI <--	DIST FILE #	LAT LNG	PWR(kw) HAAT(M)	INT(km) COR(M)	PRO(km) LICENSEE	*IN* (Overlap in km)	*OUT*
241D Hawkinsville	1762800	APP _C_ GA	0.0 0.0	0.00 BNPFT20170726AQA	32 16 50.0 83 26 30.0	0.250 166	36.7	10.8	-47.5*	-47.5*
240C0 Dublin	WQZY	LIC _CX GA	61.7 242.2	94.00 BLH20040405ACI	32 40 42.0 82 33 26.0	100.000 312	105.6 404	72.8	-22.7*	5.4
242C1 Albany	WJIZ-FM	LIC NCX GA	213.3 33.0	97.16 BLH20160406AAY	31 32 57.4 84 00 19.3	79.000 248	96.7 328	65.9	-11.4	13.9
241C0 Atlanta	WWPW	LIC _C_ GA	334.0 153.5	189.23 BLH20131218CWH	33 48 26.0 84 20 21.8	100.000 330	176.1 612	74.9	0.7	72.1
244D Cochran	W244CL	LIC _C_ GA	27.2 207.2	16.42 BLFT20100406ACX	32 24 43.0 83 21 42.0	0.250 69	1.1 163	11.3	4.1	3.9
240D Rutland	W240BK	LIC _C_ GA	337.7 157.6	53.48 BLFT20070612ABT	32 43 32.0 83 39 30.0	0.250 27	11.9 135	8.5	29.7	27.7
239D Cordele	W239AY	LIC _C_ GA	204.9 24.8	44.96 BLFT20070907AGX	31 54 49.0 83 38 33.0	0.038 65	0.4 174	6.6	32.5	37.3
238D Warner Robins	W238CG	LIC _C_ GA	348.0 168.0	53.29 BLFT20140226AAB	32 44 58.0 83 33 35.0	0.250 206	1.1 316	19.6	40.5	32.5
243C3 Gray	WIHB-FM	LIC _CN GA	336.6 156.4	84.20 BLH20000613AAT	32 58 31.0 83 47 59.0	8.000 174	3.9 317	39.9	68.1	43.2
294C1 Douglas	WOKA-FM	LIC _CX GA	140.7 321.0	87.12 BLH20020314AAN	31 40 21.0 82 51 28.0	100.000 299	27.8 377	8.3	22.0R	65.1M
295A Americus	WGSW	LIC _CX GA	254.1 73.6	78.65 BLH20151119CIH	32 05 03.0 84 14 35.0	6.000 55	27.8 180	8.3	10.0R	68.7M
240D East Albany	W240DI	LIC _C_ GA	213.3 33.0	97.16 BLFT20160706ABN	31 32 57.0 84 00 19.0	0.010 298	12.1	8.6	73.1	71.2

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 restricted contour.  
 Reference station has protected zone issue: AM tower

**WCEH**  
Type: AM  
Channel: 610  
Latitude: 32-16-50 N  
Longitude: 083-26-37 W

**1762800**  
Latitude: 32-16-50 N  
Longitude: 083-26-30 W  
ERP: 0.25 kW  
Channel: 241  
Frequency: 96.1 MHz  
AMSL Height: 166.0 m  
Elevation: 70.0 m  
Horiz. Pattern: Omni  
Vert. Pattern: No  
Prop Model: None

