

Thomas Radio, LLC - Long Form 349

BNPFT-20030314BMC - Jackson, TN

August 2013

Technical Statement:

The attached technical statement and related exhibits are prepared by EME Communications for Thomas Radio, LLC; Jackson, Tennessee. The purpose is to complete the long form technical portion for BNPFT-20030314BMC. *No changes from the original filed 2003 application are proposed.*

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

The applicant proposes to employ a single bay ERI 100-LP FM antenna system

Offered as exhibit 2 is a plot that shows the 60 dBu contour of the proposed will not extend past the 60 dBu contour of the primary station, WZDQ. This proposal is offered as a fill in for WZDQ. Offered as exhibit 2A is a close in view of the proposed contours.

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

Jackson Tennessee is not listed in Appendix A or B as a spectrum limited market or within the buffer of any spectrum limited market. No changes are proposed from the original tech box proposal.

Conclusion:

Thomas Radio LLC proposed to re-broadcast WZDQ (FM). 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
Thomas Radio, Llc

REFERENCE CH# 263D - 100.5 MHz, Pwr= 0.25 kW, HAAT= 30.3 M, COR= 160 M
35 36 53.0 N. Average Protected F(50-50)= 7.12 km
88 49 13.0 W. Omni-directional

DISPLAY DATES
DATA 08-08-13
SEARCH 08-08-13

CH CITY	CALL	TYPE ANT STATE	AZI <--	DIST FILE #	LAT LNG	PWR(kw) HAAT(M)	INT(km) COR(M)	PRO(km) LICENSEE	*OUT* (Overlap in km)
263D Jackson	631474	APP _C_ TN	0.0 0.0	0.00 BNPFT20030314BMC	35 36 53.0 88 49 13.0	0.250 30	23.8 160	7.1 Thomas Radio, Llc	-30.8*
261D East Union	1557477	APP _C_ TN	92.0 272.1	13.08 BNPFT20030311AHY	35 36 38.0 88 40 32.0	0.100	0.7 190	8.6 Way Media , Inc.	3.4
265C3 Huntingdon	WEIO	LIC NCN TN	40.6 220.8	49.38 BLH19990618KA	35 57 05.0 88 27 47.0	25.000 91	3.6 236	35.5 Freeland Broadcasting Co.,	12.7
262C3 Middleton	WYDL	LIC _CX TN	167.9 348.0	69.46 BLH20111007ABB	35 00 13.0 88 39 39.0	25.000 100	59.8 238	38.7 Flinn Broadcasting Corpora	20.6
261C2 Dyersburg	WASL	LIC _C_ TN	312.1 131.7	80.72 BLH19910412KB	36 06 00.0 89 29 12.0	26.000 206	5.7 291	51.3 Dr Pepper Pepsi-cola Bottl	28.3
260D Clarksburg	W260BA	LIC _V_ TN	46.1 226.3	40.24 BLFT20130115ABN	35 51 55.0 88 29 54.0	0.080 36	0.6 186	5.8 Grace Broadcasting Service	33.3
263D Martin	W263BF	LIC _C_ TN	358.2 178.2	83.17 BLFT20070817ACD	36 21 45.0 88 50 57.0	0.250 81	38.7 191	11.3 Thunderbolt Broadcasting C	48.1
209C3 Ripley	WAUV	LIC _CX TN	287.1 106.7	61.46 BLED20050510ABM	35 46 31.0 89 28 18.0	6.400 120	27.4 228	8.2 American Family Associatio	12.0R 49.5M
266C1 Olive Branch	AL9361	RSV-A ____ MS	245.5 64.8	127.24 RM10351	35 08 01.0 90 05 38.0	100.000 299	10.1 366	72.1	54.0
266C1 Olive Branch	KJMS	LIC _CX MS	248.9 68.2	119.07 BLH20060906ABL	35 13 22.0 90 02 36.0	100.000 171	7.6 244	61.0 Cc Licenses, Llc	57.0

Terrain database is FCC NGDC 30 Sec , R= 73.215 qualifying spacings or FCC minimum Spacings in KM, M= Margin in KM
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)
Incoming contour overlap is ignored.
"*"affixed to 'IN' or 'OUT' values = site inside protected contour.
« = Station meets FCC minimum distance spacing for its class.
< = Contour Overlap

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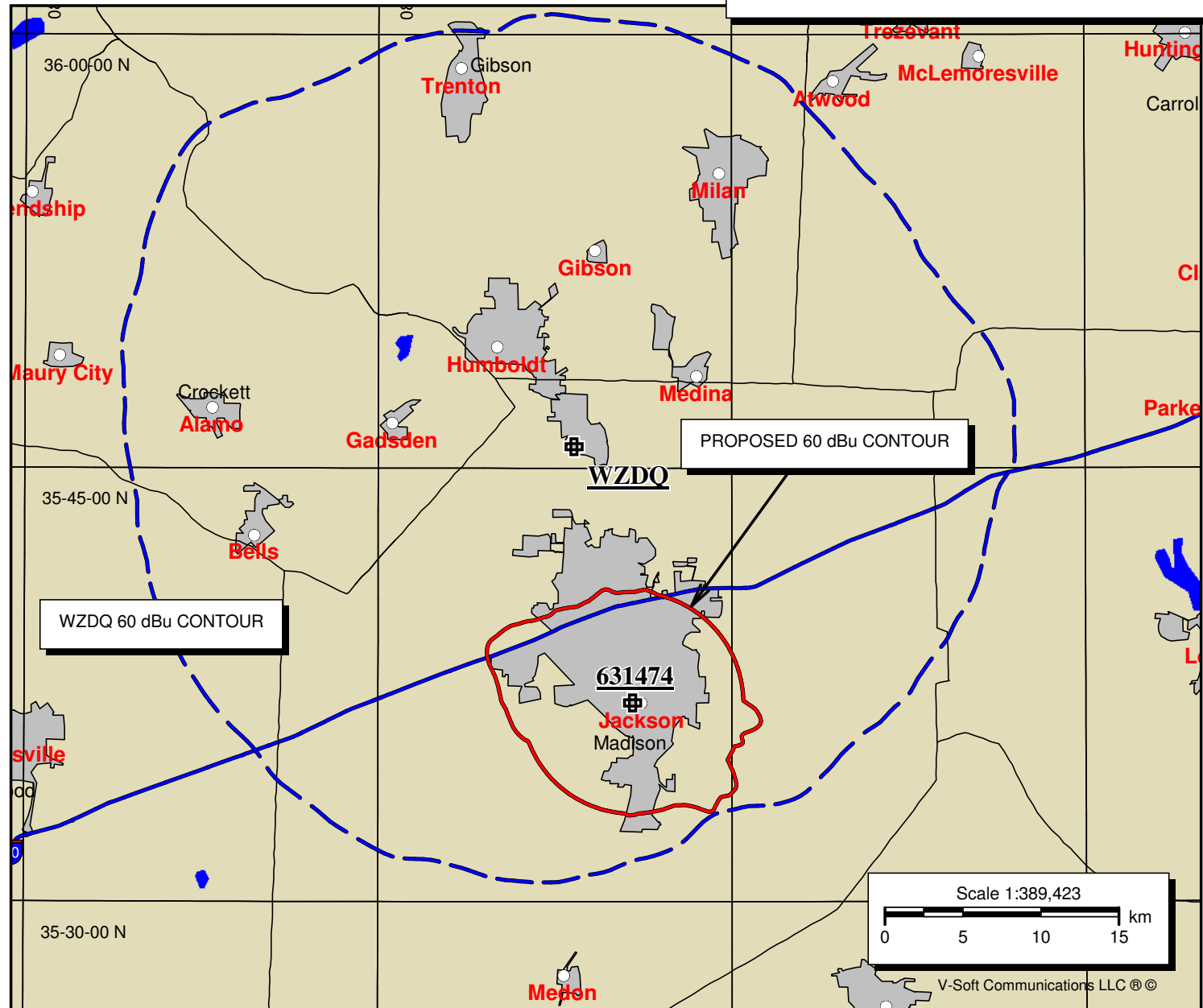
631474

Latitude: 35-36-53 N
Longitude: 088-49-13 W
ERP: 0.25 kW
Channel: 263
Frequency: 100.5 MHz
AMSL Height: 160.0 m
Elevation: 120.0 m
Horiz. Pattern: Omni
Vert. Pattern: No
Prop Model: None

WZDQ

BMLH19900316KB
Latitude: 35-45-45 N
Longitude: 088-51-42 W
ERP: 6.00 kW
Channel: 272
Frequency: 102.3 MHz
AMSL Height: 218.0 m
Elevation: 128.0 m
Horiz. Pattern: Omni
Vert. Pattern: No
Prop Model: None

EXHIBIT - 2



631474

Latitude: 35-36-53 N
Longitude: 088-49-13 W
ERP: 0.25 kW
Channel: 263
Frequency: 100.5 MHz
AMSL Height: 160.0 m
Elevation: 120.0 m
Horiz. Pattern: Omni
Vert. Pattern: No
Prop Model: None

WZDQ

BMLH19900316KB
Latitude: 35-45-45 N
Longitude: 088-51-42 W
ERP: 6.00 kW
Channel: 272
Frequency: 102.3 MHz
AMSL Height: 218.0 m
Elevation: 128.0 m
Horiz. Pattern: Omni
Vert. Pattern: No
Prop Model: None

EXHIBIT - 2A

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