

The Moody Bible Institute of Chicago  
W232AN  
FCC Form 349  
Exhibit 12

KILGORE BROADCAST MAINTENANCE

Page No 1  
65mRCAMSL

FILE: Sel232D.D05 AlaGas Tower 0.250kW 32mEAH  
FCC DATABASE: 20040819 Selma, AL LATITUDE: 32-24-31  
DATE: 08-19-2004 CH 232D Cleared by 50 kM LONGITUDE: 87-00-39

Call	City of License	ST	hERPkW	hAMSL	hEAH	Latitude	AzTo	Dist-km	
Auth	Channel	Freq	Updated	vERPkW	vAMSL	vEAH	Longitude	AzFr	Req-km
File#	Owner						AppID	FacID	Clrd-km

WDJC-FM BIRMINGHAM	AL	100.000	488	307	33-26-36N	6.1	115.4	
LIC 229C 93.7	US	100.000	488	307	86-52-50W	186.1	72.5	
BLH-870205KC	KIMTRON, INC.				97511	34819	42.9	CLOSE

Dist= 0

Prop	0.250kW	-22mEAH	60.0dBuF(50,50)	7.09km +
WDJC-F	99.000kW	289mEAH	100.0dBuF(50,10)	9.95km = 17.04km
WDJC-F	99.000kW	289mEAH	60.0dBuF(50,50)	71.39km +
Prop	0.250kW	-22mEAH	100.0dBuF(50,10)	1.11km = 72.50km

WDJC-FM BIRMINGHAM	AL	0.000	0	0	33-26-36N	6.1	115.4	
USE 229C 93.7	US	0.000	0	0	86-52-50W	186.1	92.2	
-	KIMTRON, INC.				291075	34819	23.2	CLOSE

Dist= 0

NOTE: 100.000 kW, 600 m EAH @ 781 m RCAMSL used in calc.

Prop	0.250kW	-22mEAH	60.0dBuF(50,50)	7.09km +
WDJC-F	100.000kW	582mEAH	100.0dBuF(50,10)	13.43km = 20.53km
WDJC-F	100.000kW	582mEAH	60.0dBuF(50,50)	91.07km +
Prop	0.250kW	-22mEAH	100.0dBuF(50,10)	1.11km = 92.18km

WDJC-FM BIRMINGHAM	AL	100.000	463	281	33-26-36N	6.1	115.4	
LIC 229C 93.7	US	100.000	463	281	86-52-50W	186.1	70.5	
BXLH-010820AA	KIMTRON, INC.				572721	34819	44.9	CLOSE

Dist= 0

Prop	0.250kW	-22mEAH	60.0dBuF(50,50)	7.09km +
WDJC-F	100.000kW	264mEAH	100.0dBuF(50,10)	9.47km = 16.56km
WDJC-F	100.000kW	264mEAH	60.0dBuF(50,50)	69.39km +
Prop	0.250kW	-22mEAH	100.0dBuF(50,10)	1.11km = 70.50km

WZBQ CARROLLTON	AL	0.000	0	0	33-13-06N	311.5	135.6	
USE 231C0 94.1	US	0.000	0	0	88-05-46W	131.5	93.2	
-	CAPSTAR TX LIMITED PARTNERSHIP				291200	70264	42.4	CLOSE

Docket# 02-114 Dist= 0

NOTE: 100.000 kW, 450 m EAH @ 528 m RCAMSL used in calc.

Prop	0.250kW	16mEAH	60.0dBuF(50,50)	7.09km +
WZBQ	100.000kW	441mEAH	54.0dBuF(50,10)	123.00km = 130.09km
WZBQ	100.000kW	441mEAH	60.0dBuF(50,50)	82.76km +
Prop	0.250kW	16mEAH	54.0dBuF(50,10)	10.47km = 93.23km

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Auth	Channel	Freq	Updated	vERPkW	vAMSL	vEAH	Longitude	AzFr	Req-km
File#	Owner						AppID	FacID	Clrd-km

W232AN SELMA AL 0.041 98 52 32-26-43N 332.5 4.6  
LIC 232D 94.3 US 0.041 98 52 87-02-00W 152.5 30.5  
BLFT-921207TH THE MOODY BIBLE INSTITUTE OF C 179696 66024 -25.9 SHORT /1  
Dist= 0

Dir Ant = @ 16.0 Deg

Prop	0.250kW	8mEAH	60.0dBuF(50,50)	7.09km +
W232AN	0.041kW	55mEAH	40.0dBuF(50,10)	20.27km = 27.36km
W232AN	0.041kW	55mEAH	60.0dBuF(50,50)	6.08km +
Prop	0.250kW	8mEAH	40.0dBuF(50,10)	24.47km = 30.55km
Station	DAAzim	RotateANT	Azim	BEARFM PwrRatio RadialERP

WQZX GREENVILLE AL 3.900 244 125 31-54-40N 145.3 67.1  
LIC 232A 94.3 US 3.900 244 125 86-36-19W 325.3 52.9  
BMLH-950817KA HAYNES BROADCASTING, INC. 212861 26479 14.2 CLOSE  
Dist= 0

Prop	0.250kW	12mEAH	60.0dBuF(50,50)	7.09km +
WQZX	3.900kW	126mEAH	40.0dBuF(50,10)	84.33km = 91.42km
WQZX	3.900kW	126mEAH	60.0dBuF(50,50)	28.46km +
Prop	0.250kW	12mEAH	40.0dBuF(50,10)	24.47km = 52.93km

WQZX GREENVILLE AL 0.000 0 0 31-54-40N 145.3 67.1  
USE 232A 94.3 US 0.000 0 0 86-36-19W 325.3 53.3  
- HAYNES BROADCASTING, INC. 291277 26479 13.8 CLOSE  
Dist= 0

NOTE: 6.000 kW, 100 m EAH @ 222 m RCAMSL used in calc.

Prop	0.250kW	12mEAH	60.0dBuF(50,50)	7.09km +
WQZX	6.000kW	104mEAH	40.0dBuF(50,10)	87.39km = 94.48km
WQZX	6.000kW	104mEAH	60.0dBuF(50,50)	28.84km +
Prop	0.250kW	12mEAH	40.0dBuF(50,10)	24.47km = 53.31km

NEW KILBY AL 0.250 113 0 32-22-41N 92.6 75.8  
APP 232D 94.3 US 0.250 113 0 86-12-23W 272.6 34.3  
BNPFT-030314BO CAPSTAR TX LIMITED PARTNERSHIP 629027 138535 41.5 CLOSE  
Dist= 0

Prop	0.250kW	29mEAH	60.0dBuF(50,50)	7.09km +
NEW	0.250kW	56mEAH	40.0dBuF(50,10)	32.86km = 39.95km
NEW	0.250kW	56mEAH	60.0dBuF(50,50)	9.84km +
Prop	0.250kW	29mEAH	40.0dBuF(50,10)	24.47km = 34.32km

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Auth	Channel	Freq	Updated	vERPkW	vAMSL	vEAH	Longitude	AzFr	Req-km
File#	Owner						AppID	FacID	Clrd-km

NEW	MONTGOMERY	AL	0.250	108	0	32-24-47N	89.6	74.7	
APP	232D	94.3	US	0.250	108	0	86-12-59W	269.6	34.5
BNPFT-030317BW RADIO ASSIST MINISTRY, INC.						633522	141837	40.2 CLOSE	
Dist= 0									

Prop	0.250kW	28mEAH	60.0dBuF(50,50)	7.09km +
NEW	0.250kW	58mEAH	40.0dBuF(50,10)	33.61km = 40.70km
NEW	0.250kW	58mEAH	60.0dBuF(50,50)	10.04km +
Prop	0.250kW	28mEAH	40.0dBuF(50,10)	24.47km = 34.52km

WYSF	BIRMINGHAM	AL	0.000	0	0	33-29-26N	9.5	121.6	
USE	233C	94.5	US	0.000	0	0	86-47-48W	189.5	102.6
- CITADEL BROADCASTING COMPANY						291400	16901	19.0 CLOSE	
Dist= 0									

NOTE: 100.000 kW, 600 m EAH @ 791 m RCAMSL used in calc.

Prop	0.250kW	-24mEAH	60.0dBuF(50,50)	7.09km +
WYSF	100.000kW	608mEAH	54.0dBuF(50,10)	137.02km = 144.11km
WYSF	100.000kW	608mEAH	60.0dBuF(50,50)	92.14km +
Prop	0.250kW	-24mEAH	54.0dBuF(50,10)	10.47km = 102.61km

WYSF	BIRMINGHAM	AL	100.000	491	309	33-27-45N	7.3	117.8	
LIC	233C	94.5	US	100.000	491	309	86-50-59W	187.3	82.5
BLH-000929AE CITADEL BROADCASTING COMPANY						523802	16901	35.3 CLOSE	
Req. 73.215Dist= 0									

Prop	0.250kW	-24mEAH	60.0dBuF(50,50)	7.09km +
WYSF	100.000kW	295mEAH	54.0dBuF(50,10)	104.63km = 111.72km
WYSF	100.000kW	295mEAH	60.0dBuF(50,50)	72.02km +
Prop	0.250kW	-24mEAH	54.0dBuF(50,10)	10.47km = 82.49km

DEL	BIRMINGHAM	AL	0.000	0	0	33-27-45N	7.3	117.8	
	233C	94.5	US	0.000	0	0	86-50-59W	187.3	101.7
RM- 10661 SSR COMMUNICATIONS INCORPORATE						628548	0	16.1 CLOSE	
Docket# 04-204 Dist= 0									

NOTE: 100.000 kW, 600 m EAH @ 782 m RCAMSL used in calc.

Prop	0.250kW	-24mEAH	60.0dBuF(50,50)	7.09km +
	100.000kW	587mEAH	54.0dBuF(50,10)	135.93km = 143.02km
	100.000kW	587mEAH	60.0dBuF(50,50)	91.26km +
Prop	0.250kW	-24mEAH	54.0dBuF(50,10)	10.47km = 101.73km

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Call	City of License	ST	hERPkW	hAMSL	hEAH	Latitude	AzTo	Dist-km
Auth	Channel	Freq	Updated	vERPkW	vAMSL	vEAH	Longitude	AzFr
File#	Owner						AppID	FacID
								Clrd-km

	BIRMINGHAM	AL	0.000	0	0	33-27-45N	7.3	117.8
ADD	233C0	94.5	US	0.000	0	0	86-50-59W	187.3
	RM-	10661	SSR COMMUNICATIONS INCORPORATE	628550	0			24.9
	Docket#	04-204	Dist=	0				CLOSE
NOTE:	100.000 kW,	450 m	EAH @	632 m	RCAMSL	used in calc.		
Prop	0.250kW	-24mEAH	60.0dBuF(50,50)			7.09km +		
	100.000kW	437mEAH	54.0dBuF(50,10)			122.49km =	129.58km	
	100.000kW	437mEAH	60.0dBuF(50,50)			82.46km +		
Prop	0.250kW	-24mEAH	54.0dBuF(50,10)			10.47km =	92.93km	

/1 This is the subject facility of this application.

\*\*\*\*\* END OF STUDY \*\*\*\*\*