

FIGURE 3 - SPACING STUDY CHANNEL 272A 73.207 SPACING

73.207 SPACING STUDY
H & G C, Inc.

REFERENCE

32 43 06.04 N.

CLASS = A

89 05 24.24 W.

Current Spacings to 3rd Adj.

----- Channel 272 - 102.3 MHz -----

Call	Channel	Location		Azi	Dist	FCC	Margin
* WALT-FM	LIC-N 271A	Meridian	MS	139.1	57.68	71.5	-13.8
R22997	RUL 273C3	Lexington	MS	296.8	95.03	88.5	6.5
R16758	ADD 273C3	Lexington	MS	296.8	95.03	88.5	6.5
DWGIN	ALO 272A	Calhoun City	MS	350.8	127.75	114.5	13.3
AU9330049VAC	272A	Calhoun City	MS	350.8	127.75	114.5	13.3
R22996	RUL 273C3	Lexington	MS	296.7	108.42	88.5	19.9
R16758	DEL 273C3	Lexington	MS	296.7	108.42	88.5	19.9
WAGR-FM	RSV-A 273C3	Lexington	MS	296.7	108.42	88.5	19.9
WSQH	LIC-D 219C2	Decatur	MS	179.1	35.38	14.5	20.9
WJKX	LIC-N 273C2	Ellisville	MS	181.9	132.14	105.5	26.6
WAGR-FM	LIC 273A	Lexington	MS	296.7	108.42	71.5	36.9
WMSI-FM	LIC-N 275C	Jackson	MS	245.5	133.75	94.5	39.3
WYOY	LIC-Z 269C2	Gluckstadt	MS	250.2	107.28	54.5	52.8
WRQO	LIC 271C2	Monticello	MS	220.6	162.42	105.5	56.9
WQRR	LIC-N 269C2	Reform	AL	63.5	129.30	54.5	74.8

RSV-R = reserved - needs protection, RSV-A = allocation.

All separation margins include rounding

- * PROPOSAL IS FULLY SPACED TO ALL FACILITIES WITH THE EXCEPTION OF WALT-FM
73.215 OPERATION IS PROPOSED - SEE CONTOUR TO CONTOUR STUDY AND MAP FIGURE 3
FOR FURTHER DETAILS.

FIGURE 3

CONTOUR TO CONTOUR STUDY - 73.215 OPERATION IS PROPOSED TO WALT-FM

H & G C, Inc.

REFERENCE CH# 272A - 102.3 MHz, Pwr= 3.9 kW DA, HAAT= 125 M, COR= 260.9 M
 32 43 06.04 N. Average Protected F(50-50)= 28.2 km
 89 05 24.24 W. 73.215 Directional

CH	CALL	TYPE	ANT	AZI.	DIST	LAT.	Pwr(kW)	INT(km)	PRO(km)	*IN*	*OUT*
CITY		STATE		<--	FILE #	LNG.	HAAT(M)	COR(M)	LICENSEE	(Overlap in km)	

* 271A	WALT-FM	LIC NCN		139.1	57.68	32 19 30.50	0.920	35.9	24.0	2.9	6.0
	Meridian	MS		319.3	BLH19991208AAS	88 41 17.20	155	279	Burke Broadcasting, LLC		

Terrain database is NED 03 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= - Zone 2, Co to 3rd adj.
 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)

Station meets FCC minimum distance spacing for its class.
 Facility is okay with respect to AM station towers.
 Facility is okay with respect to FCC monitoring stations.
 Facility is okay toward West Virginia Quiet Zone
 Facility is okay toward Table Mountain

73.215 OPERATION IS PROPOSED - NO PROHIBITIVE CONTOUR OVERLAP OCCURS
 WALT-FM IS CURRENTLY OPERATING UNDER 73.215 PROVISION. LICENSED FACILITY PARAMETERS USED.

NO PROHIBITIVE OVERLAP OCCURS - SEE CONTOURS AS DISPLAYED IN THE MAP IN FIGURE 3

WWSL - APP

FCC Facility ID: 0
NAD 83 Latitude: 32-43-06.04 N
NAD 83 Longitude: 089-05-24.24 W
ERP: 3.90 kW
Channel: 272
Frequency: 102.3 MHz
Ant. RCAMSL Height: 260.9 m
Horiz. Pattern: Directional

**73.215 SHOWING TO/FROM WALT-FM
TO THIS PROPOSAL**

**NO PROHIBITIVE OVERLAP OCCURS BETWEEN
STATION PAIRS**

FIGURE 3

RED INTERFERENCE CONTOURS
FCC 54 DBU F(50,10)

BLACK PROTECTED SERVICE CONTOURS
FCC 60 DBU F(50,50)

WALT-FM

BLH19991208AAS
FCC Facility ID: 18229
NAD 83 Latitude: 32-19-30.50 N
NAD 83 Longitude: 088-41-17.20 W
ERP: 0.92 kW
Channel: 271
Frequency: 102.1 MHz
Ant. RCAMSL Height: 279.0 m
Horiz. Pattern: Omni

Map created on: 4/9/2022
NED 3 Second US Terrain

Scale 1:750,000
0 10 20 30 km

TZSTC
2022
APRIL