

W292DU minor modification channel study

REFERENCE 33 09 36.0 N. 87 30 54.0 W. CH# 292D - 106.3 MHz, Pwr= 0.25 kW DA, HAAT= 171.0 M, COR= 245 M Tti, Inc. Average Protected F(50-50)= 17.17 km Standard Directional DISPLAY DATES DATA 07-18-13 SEARCH 07-23-13

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)
292D Tuscaloosa	W292DU	LIC _C_ AL	0.0 0.0	0.00 BLFT20100223AEE	33 09 36.0 87 30 54.0	0.250 192	57.1 266	18.2 Tti, Inc.	-72.8*
290C3 Brookwood	WRTR	LIC ZCX AL	17.8 197.8	9.11 BLH20050829ACW	33 14 17.0 87 29 06.0	25.000 82	3.8 178	37.1 Capstar Tx Llc	-29.1*<
295C0 Homewood	WBPT	LIC NCY AL	61.1 241.5	75.02 BLH20130207ABS	33 29 04.0 86 48 25.0	100.000 404	11.8 597	81.4 Summitmedia Llc	-7.5*<
292D Pelham	W292EH	CP _C_ AL	75.0 255.4	66.88 BNPFT20130325ABQ	33 18 50.0 86 49 11.0	0.010	13.9 222	4.4 Mark M. Snow	11.0
292A Maplesville	WLGD	LIC NCX AL	130.3 310.6	77.77 BLH20121220ACE	32 42 22.0 86 52 51.0	6.000 51	73.0 175	18.2 Valleydale Broadcasting, L	22.8
293C3 Demopolis	WZNJ	LIC _CX AL	201.3 21.1	78.43 BMLH20100205ABH	32 30 08.0 87 49 07.0	25.000 93	63.0 130	41.5 Westburg Broadcasting Alab	26.4
293A Vernon	WJEC	LIC _C_ AL	328.3 148.0	90.84 BMLH20001026AAB	33 51 15.0 88 01 55.0	6.000 100	42.6 240	27.6 Lamar County Broadcasting	37.8
292D Warrior	W292EI	CP _C_ AL	39.1 219.5	99.93 BNPFT20130325AKF	33 51 20.0 86 49 56.0	0.010	24.2 295	7.2 Way Media , Inc.	40.1
291C2 Starkville	WMXU	LIC _CN MS	278.3 97.7	107.29 BLH19890131KA	33 17 38.0 88 39 27.0	40.000 153	75.2 227	50.3 Cumulus Licensing Llc	41.3
293D Graysville	649660	APP _C_ AL	61.0 241.4	74.86 BNPFT20030317IQC	33 29 03.0 86 48 31.0	0.010 207	12.2 394	8.7 Educational Media Foundati	42.1
291D Jasper	W291BT	LIC _C_ AL	14.0 194.1	78.07 BLFT20050428ABS	33 50 29.0 87 18 40.0	0.055 53	10.2 186	7.1 Glen Iris Baptist School	46.4

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
 All separation margins (if shown) include rounding
 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.
 < = Contour Overlap