

Fig 1: Channel Interference  
W243EE Atlanta, Georgia 243D

REFERENCE 33 48 26.40 N. CH# 243D - 96.5 MHz, Pwr= 0.15 kW DA, HAAT= 269.0 M, COR= 555 M DISPLAY DATES  
84 20 21.70 W. Average Protected F(50-50)= 18.88 km DATA 01-13-21  
Standard Directional SEARCH 01-14-21

CH CITY	CALL	TYPE STATE	ANT STATE	AZI <--	DIST FILE #	LAT LNG	PWR(kW) HAAT(M)	INT(km) COR(M)	PRO(km) LICENSEE	*OUT* (Overlap in km)
241C0 Atlanta	WWPW	LIC _CN GA		0.0 270.0	0.00 BLH20131218CWH	33 48 26.40 84 20 21.50	100.000 330	11.0 612	76.4 Ihm Licenses, LLC	-76.4*
243D Atlanta	W243EE	CP DVN GA		84.5 264.7	21.31 BNPFT20171221AAO	33 49 31.40 84 06 34.70	0.100	357	---Reference--- Davis Broadcasting Of Atla	
246C Gainesville	WSRV	LIC _CN GA		51.3 231.5	56.71 BLH19980825KB	34 07 32.40 83 51 31.60	100.000 483	12.2 797	84.1 Cox Radio, LLC	-27.4*
243D Atlanta	W243EE	APP DHN GA		0.0 266.5	0.00 0000129837	33 48 26.40 84 20 21.70	0.175	555	---Reference--- Davis Broadcasting Of Atla	
244D Atlanta	W244EI	LIC DCN GA		46.2 226.2	17.62 0000090942	33 55 01.40 84 12 05.70	0.099	13.9 402	9.3 Atlanta Radio Korea, Inc.	0.4
244A Union City	WBZW	LIC _CN GA		211.1 30.9	41.16 BLH20170106AAM	33 29 24.10 84 34 06.60	2.100 173	42.2 447	28.0 Ihm Licenses, LLC	1.1
243C3 Gray	WIHB-FM	LIC _CN GA		151.4 331.7	105.18 BLH20000613AAT	32 58 31.50 83 47 58.70	8.000 174	102.6 317	39.0 Ihm Licenses, LLC	9.1
243D Marietta	W243DQ	LIC DCN GA		313.4 133.3	27.63 BLFT20190717AAC	33 58 41.00 84 33 25.00	0.250	10.1 423	3.0 Prieto Broadcasting, Inc.	12.5
243D Winder	W243CE	LIC DCN GA		51.3 231.5	56.71 BLFT20101029ADI	34 07 32.40 83 51 31.60	0.250 392	73.4 704	24.4 Davis Broadcasting Of Atla	17.4
296C1 Aragon	WTSH-FM	CP NCN GA		295.8 115.4	65.41 BPH20180504AAD	34 03 39.60 84 58 40.90	100.000 110	15.2 370	95.9 Woman's World Broadcasting	21.5R 43.9M
245D Griffin	W245CN	LIC DCN GA		174.0 354.1	62.41 BLFT20150624ABI	33 14 56.40 84 16 09.70	0.055	0.5 317	6.3 Bible Broadcasting Network	55.0
296C1 Aragon	WTSH-FM	LIC NCN GA		309.9 129.5	77.28 BLH20120522ADU	34 15 03.30 84 59 04.80	100.000 158	15.2 399	95.9 woman's world Broadcasting	21.5R 55.8M
245D Rome	W245DG	LIC _CN GA		300.4 119.9	94.77 BLFT20190327AAG	34 14 08.30 85 13 42.80	0.250	1.1 426	18.4 Cripple Creek Broadcasting	76.3
243C0 Chattanooga	WDOD-FM	LIC DEN TN		329.5 148.9	175.24 BLH20010222AAI	35 09 41.30 85 19 04.90	100.000 336	186.5 720	84.8 wdod Of Chattanooga, Inc.	78.5
245D La Grange	W245AW	LIC _CN GA		217.0 36.6	106.99 BLFT20101119ADO	33 02 13.40 85 01 49.80	0.250 80	1.1 297	11.4 Eagle's Nest, Inc.	95.5

Terrain database is 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.  
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 restricted contour.  
« = Station meets FCC minimum distance spacing for its class.  
Reference station has protected zone issue: AM tower