

Fig 1: Channel Interference

W266BW Winder, Georgia 266D

REFERENCE CH# 266D - 101.1 MHz, Pwr= 0.25 kW DA, HAAT= 269.0 M, COR= 555 M DISPLAY DATES  
 33 48 26.40 N. DATA 04-14-21  
 84 20 21.50 W. SEARCH 04-14-21  
 Average Protected F(50-50)= 21.41 km  
 Standard Directional

CH CITY	CALL	TYPE STATE	ANT AZI <--	DIST FILE #	LAT LNG	PWR(kw) HAAT(M)	INT(km) COR(M)	PRO(km) LICENSEE	*IN* (Overlap in km)	*OUT* (in km)
266D Winder	W266BW	LIC DCN GA	0.0 90.0	0.00 BLFT20190715AMA	33 48 26.40 84 20 21.70	0.250	555	---Reference---		
268C0 Marietta	WKHX-FM	LIC _CN GA	0.0 90.0	0.00 BLH20050228ADF	33 48 26.40 84 20 21.70	100.000 329	10.4 612	73.5	-23.6*	-74.0*
263C2 College Park	WNNX	LIC ZCN GA	220.6 40.6	6.99 BLH20150310AIY	33 45 34.40 84 23 18.70	13.500 293	5.5 576	52.8	-19.4*	-46.9*
266C3 Ellijay	WLJA-FM	LIC NCN GA	349.0 168.9	87.62 BLH20170330AAP	34 34 51.30 84 31 17.70	21.500 110	117.1 537	43.0	-44.0*	3.1
266A Thomaston	WTGA-FM	LIC _CN GA	181.5 1.5	91.22 BLH20080313ABF	32 59 13.50 84 21 54.70	1.250 218	79.0 454	27.4	-9.0	0.1
265D Woodstock	W265AV	LIC DCN GA	339.6 159.6	30.80 0000113670	34 04 01.30 84 27 20.70	0.105	20.3 565	13.4	-1.7	0.4
265D Mcdonough	W265DG	LIC _CN GA	155.3 335.4	46.16 BLFT20160603AAT	33 25 48.40 84 07 51.70	0.250	17.2 311	11.4	7.6	2.3
265A Maysville	WJES	LIC ZCN GA	47.0 227.3	86.38 BLH20161117ABU	34 20 09.00 83 39 06.00	6.000 99	44.3 398	27.2	22.2	25.2
266C1 Anderson	WROQ	LIC DCN SC	63.3 244.4	211.90 BLH20180817AAD	34 38 51.40 82 16 12.40	100.000 269	168.7 513	69.5	22.3	79.4
266D Athens	W266AH	LIC _CN GA	79.6 260.2	95.58 BLFT20070212AAN	33 57 30.40 83 19 11.50	0.010 20	10.2 238	3.2	64.6	28.9
266C0 Cullman	WXJC-FM	LIC _CN AL	278.1 96.6	238.52 BLH20030225AAB	34 04 56.40 86 54 15.00	100.000 410	183.5 615	80.3	32.2	89.3
265A West Point	WCJM-FM	LIC _CN GA	215.1 34.7	129.21 BLH20140723ACN	32 51 15.50 85 08 07.80	6.000 96	42.4 304	27.3	66.0	70.8
269D Adairsville	W269CC	LIC _CN GA	325.0 144.7	88.90 BLFT20080902AEG	34 27 40.30 84 53 43.80	0.163 87	0.9 311	8.8	70.9	78.9
213C2 Athens	WUOG	LIC DCN GA	79.6 260.1	89.90 BLED19940103KC	33 56 59.40 83 22 57.50	26.000 55	0.3 276	11.0	14.5R	75.4M
265D Batesville	W265EI/W2	CP _CN GA	30.8 211.1	122.38 0000138192	34 45 05.00 83 39 15.20	0.099 376	8.0 493	5.7	92.9	82.8
265A Perry	WNEX-FM	LIC _CN GA	157.9 338.2	150.01 BLH19980811KB	32 33 20.50 83 44 13.70	3.300 136	40.5 253	26.6	87.6	90.8
264C0 Cleveland	WUSY	LIC _CN TN	331.1 150.6	178.18 BLH19890711KC	35 12 26.30 85 17 09.90	100.000 363	13.0 764	89.1	149.1	88.8
267D Blairsville	W267BC	LIC _CN GA	16.5 196.8	122.93 BLFT20090202BVL	34 52 00.30 83 57 20.60	0.010 47	4.4 742	3.2	97.9	92.6
267C3 Smiths	WAGH	LIC NCN AL	206.1 25.7	170.61 BLH20110405AAO	32 25 35.50 85 08 19.80	18.000 108	55.7 221	36.1	93.8	103.3
267C2 Chauncey	WQIL	LIC _CN GA	144.0 324.7	194.91 BMLH20160706AAI	32 22 59.60 83 07 07.50	50.000 150	77.7 245	51.8	95.5	110.7

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)  
 "\*"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