

Fig 1: Channel Interference

W265DX Lewisberg, West Virginia 265D

REFERENCE CH# 265D - 100.9 MHz, Pwr= 0.01 kW, HAAT= 241.9 M, COR= 894 M
 37 47 54.60 N. Average Protected F(50-50)= 9.09 km
 80 30 55.50 W. Omni-directional

DISPLAY DATES
 DATA 11-18-21
 SEARCH 11-18-21

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*
265D Lewisburg	W265DX	CP DCN WV	87.2 267.3	14.49 BNPFT20180501ABQ	37 48 17.40 80 21 02.30	0.250	916	---Reference---		
265A Princeton	WKQY-FM	LIC NCN WV	224.5 44.1	84.98 BLH20000418ABE	37 15 05.40 81 11 19.30	0.340 409	84.4 1206	28.8	-9.6	22.0
264D Beckley	W264DW	LIC _CN WV	290.0 109.7	42.39 0000146276	37 55 40.80 80 58 10.80	0.250 234	27.6 1066	18.0	5.2	9.9
262B Webster Springs	WAFD	LIC _CN WV	4.2 184.2	72.91 BLH20160726AAK	38 27 09.10 80 27 14.60	25.000 213	4.2 975	51.6	60.2	13.1
264A Christiansburg	WVHK	LIC _CN VA	166.7 346.8	80.69 BMLH20031215ABK	37 05 31.40 80 18 20.10	0.820 270	51.0 935	32.5	20.2	32.7
265A South Charleston	WMXE	LIC _CN WV	302.1 121.3	122.19 BLH19850807KZ	38 22 34.30 81 42 12.40	3.000 91	82.8 350	28.0	29.9	62.3
266D Beckley	W266AZ	LIC _CN WV	262.2 81.8	59.46 BLFT20100607AAO	37 43 26.40 81 11 07.30	0.250 127	18.6 865	10.8	33.0	31.6
267A Narrows	WZFM	LIC _CN VA	205.1 24.9	61.35 BMLH20060814AAI	37 17 54.40 80 48 35.20	0.210 366	1.0 1084	26.1	50.6	34.8
266D Roanoke	W266CY	LIC _CN VA	139.7 320.0	65.66 BLFT20161229AAL	37 20 48.50 80 02 07.20	0.175	19.8 694	13.3	36.7	38.1
265A Forest	WIQO-FM	LIC _CN VA	109.6 290.3	106.73 0000143370	37 28 13.50 79 22 34.10	0.200 531	59.5 856	19.0	37.9	52.5
268A Vinton	WVMP	LIC ZCN VA	139.7 320.1	79.68 BLH20151106EQX	37 15 01.50 79 55 59.10	1.200 198	1.0 590	19.0	69.5	57.2
264B Harrisonburg	WQPO	LIC _CN VA	62.2 243.1	158.21 BLH19851001KA	38 27 08.40 78 54 31.10	50.000 150	83.4 589	69.3	65.7	70.2
267B Buckhannon	WBRB	LIC _CN WV	12.8 193.1	130.74 BLH19900125KA	38 56 40.40 80 10 45.30	50.000 150	5.6 694	62.1	116.4	68.0
262D Lexington	W262DG	LIC DCN VA	91.8 272.5	95.26 0000149755	37 46 00.40 79 25 55.10	0.230	1.0 419	6.7	84.4	87.3
262D Max Meadows	W262BB	LIC _CN VA	198.8 18.6	99.09 BLFT20070625ABF	36 57 15.40 80 52 30.20	0.038 31	0.4 716	4.4	88.9	94.0
266L1 Hillsville	WXEZ-LP	LIC _CN VA	189.0 8.8	118.95 BLL20160728AFY	36 44 29.40 80 43 25.20	0.030 54	824	99.2		97.1

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.