

Robert Moore

REFERENCE	CH#	Frequency	Power	HAAT	COR	Display Dates
40 04 45.0 N.	237D	95.3 MHz	0.25 kW DA	247.0 M	414 M	DATA 09-01-15
76 00 45.0 W.		Average Protected F(50-50)= 20.55 km				SEARCH 10-02-15
		Standard Directional				

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)
237D New	W237DE Holland	LIC PA	DC_	0.0 0.0	0.00 BLFT20070702ABB	40 04 45.0 76 00 45.0	0.010 247	31.7 414	9.5 Hope Christian Church Of M	-74.4*
237A Shamokin	WBLJ-FM	LIC PA	CX_	329.7 149.4	87.82 BMLH20030328ABU	40 45 36.0 76 32 19.0	1.250 154	75.0 481	25.1 Clear Channel Broadcasting	0.2
236B Bethlehem	WZZO	LIC PA	DC_	45.1 225.6	85.61 BMLH20111025AGT	40 37 13.0 75 17 37.0	30.000 192	68.3 321	56.5 Capstar Tx Llc	0.2
237L1 Wilmsonton	WHGE-LP	CP DE	____	134.6 314.9	54.98 BNPL20131113BMQ	39 43 52.0 75 33 16.0	0.100 25	56	Afro-american Historical S	0.6
239B Philadelphia	WBEN-FM	LIC PA	C_	93.6 274.1	66.14 BLH19991122ABE	40 02 21.0 75 14 13.0	8.900 350	4.8 416	61.9 Greater Philadelphia Radio	3.3
237D Harrisburg	W237DE	LIC PA	DC_	288.6 108.0	83.95 BLFT20080702AFD	40 18 59.0 76 57 04.0	0.060 193	45.1 356	13.5 Cumulus Licensing Llc	4.2
235D Coatesville	W235AT	LIC PA	V_	108.8 288.9	10.79 BLFT20070702ABA	40 02 52.0 75 53 33.0	0.004 149	0.1 327	5.0 Hope Christian Church Of M	4.7
236B Baltimore	WRBS-FM	LIC MD	DCN	212.0 31.6	107.66 BLH19851121KHW	39 15 21.0 76 40 29.0	50.000 152	61.1 217	52.7 Peter & John Radio Fellows	9.0
GRANDFATHERED AT 50KW @ 152M HAAT										
235B Harrisburg	WRBT	LIC PA	DEX	288.6 108.0	83.88 BMLH20020131AAD	40 18 58.0 76 57 01.0	25.000 213	6.1 370	67.5 Clear Channel Broadcasting	14.4

Terrain database is FCC 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. Call signs with strikeout 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)
Incoming contour overlap is ignored.
**affixed to 'IN' or 'OUT' values = site inside restricted contour.