

Allocation Study
New FM Translator
Channel 246D – 97.1 MHz
0.250 kW ERP – 546 m COR AMSL
Matewan, West Virginia
December 2017

Searching from Proposed Site

REFERENCE		CH# 246D - 97.1 MHz, Pwr= 0.25 kW, HAAT= 0.0 M, COR= 546 M								DISPLAY DATES	
37 37 54.0 N.		Average Protected F(50-50)= 7.1 km								DATA	12-06-17
82 09 32.0 W.		Omni-directional								SEARCH	12-06-17
CH CITY	CALL	TYPE	ANT STATE	AZI. <--	DI ST FILE #	LAT. LNG.	Pwr(kW) HAAT(M)	INT(km) COR(M)	PRO(km) LICENSEE	*IN* (Overlap in km)	*OUT*
246D Matewan	1763269!	APP C	WV	0.0	0.00	37 37 54.0 82 09 32.0	0.250	49.4 546	14.8 Coal fields Society Foundat	-64.3	-64.3
243C1 Williamson	WXCC	LIC ZCX	WV	212.9 32.9	15.67 BLH20071205ABF	37 30 48.0 82 15 20.0	75.000 339	10.3 759	74.0 East Kentucky Radio Networ	-9.8	-59.4*
245C Bristol	WXBQ-FM	LIC DCN	VA	179.1 359.1	133.27 BLH19950914KB	36 25 59.0 82 08 11.0	75.000 683	141.0 1308	96.0 Bristol Broadcasting Compa	-26.2*	10.4
246A Coal Grove	WBVB	LIC NCN	OH	339.6 159.4	94.04 BLH19901119KD	38 25 27.0 82 32 04.0	3.000 144	82.7 362	28.2 Capstar Tx, Lic	-8.7	4.2
247C2 Jackson	AL0663	RSV-A	KY	272.7 92.0	109.85 RM9802	37 40 19.0 83 24 21.0	50.000 150	75.6 467	48.9	14.4	29.1
247C2 Jackson	WJSN-FM	LIC CX	KY	272.7 92.0	109.85 BLH20051014AEA	37 40 19.0 83 24 21.0	19.000 248	75.4 564	50.6 Intermountain Broadcasting	14.6	29.2
249C3 Richlands	WRIC-FM	LIC NCX	VA	156.7 336.8	58.15 BLH20070509AAM	37 09 04.0 81 53 56.0	3.200 229	3.2 922	40.4 Rr & Wt Broadcasting, Inc.	36.0	16.4
248B Charleston	WQBE-FM	LIC CN	WV	23.7 204.0	94.15 BLH7326	38 24 22.0 81 43 26.0	50.000 152	6.1 402	66.4 Bristol Broadcasting Compa	72.2	26.0
246B Sutton	WDBS	LIC NCX	WV	58.0 239.1	174.93 BLH20160726AAI	38 27 08.7 80 27 15.3	22.000 226	133.1 988	68.1 Summit Media Broadcasting,	29.1	51.3
247D Neon	1771114	APP DC	KY	221.7 41.3	77.32 BNPFT20170726ABS	37 06 38.6 82 44 19.4	0.028	24.7 1031	16.0 Thomas Abdoo D/b/a Sunshi n	37.0	40.1

Terrain database is NED 03 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 exclamation marks 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)
***affixed to 'IN' or 'OUT' values = site inside restricted contour.