

<u>Call</u>	<u>Type</u>	<u>Ch</u>	<u>Location</u>		<u>Azi</u>	<u>Dist</u>	<u>In</u>	<u>Out</u>
WQEN	LIC	279C1	Trussville	AL	61.7	67.02	43.8	-7.1*
DWTID	VAC	280C3	Thomaston	AL	186.6	98.20	31.7	50.2
WZKS	LIC-N	281C2	Union	MS	240.5	148.01	14.2	76.6
1763397	APP-D	281D	Tuscaloosa	AL	0.0	0.00	58.5*	58.5*
W281AB	LIC	281D	Mountain Brook	AL	61.1	75.11	-12.2*	7.5
WWPG	LIC	282A	Eutaw	AL	227.0	38.76	-12.5*	0.0
WZZK-FM	LIC	284C0	Birmingham	AL	61.1	75.11	50.4	-6.9*

End of Screen List, Cardinal Radials = 12

Translator Overlap Study Ch. 281 104.1 MHz 100 Watts-DA

WWPG-282A Eutaw is co-owned by WMXB-AM
DA Limit on N-227-E is 3 Watts
Fig 2B is Directional Antenna Pattern.

Adjacent Channel Waiver

WQEN-279C1 produces a signal level of 62.7 dBu at FX Site
WZZK-284C0 produces a signal level of **62.3 dBu** at FX Site

Int. Contour is 102.2 dBu

Fig 2A is a tabulation which demonstrates that this
remains at least 180' AGL - Never Hitting the Ground



Figure 2 - FM Translator Contour Overlap Study New FM "Fill-In" Translator for WMXB-AM-1280

Ch. 281 - 104.1 MHz - 100 Watts-DA - Tuscaloosa, AL - March 2018