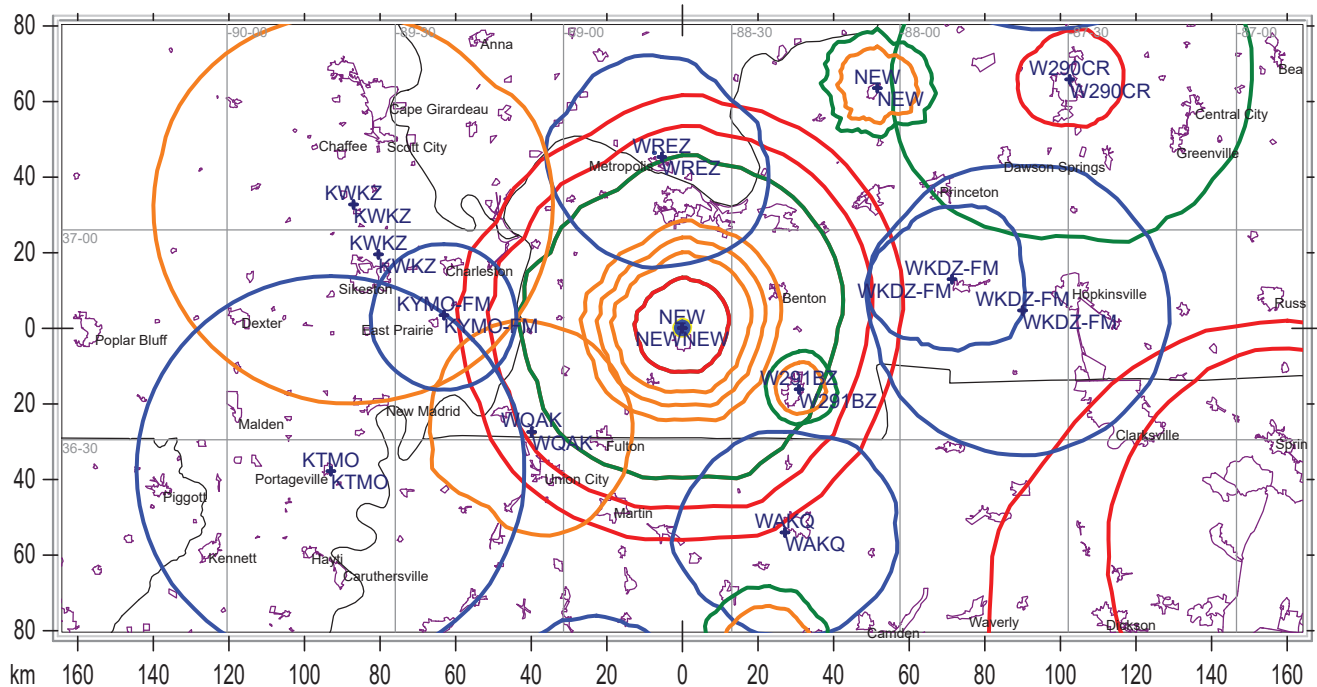


# FM Translator Station - Mayfield, Kentucky (Facility ID # 201095)

Applicant - Bristol Broadcasting Company, Inc.

Application for New FM Translator Station

## Figure 2 - Channel 290D Usability Study



Callsign	City	State	Freq	Channel	ERP Watts	Class	Status	Distance Kilometer	Sep Kilometer	Clr
WQAK	UNION CITY	TN	105.7	289	6000	A	LIC	48.54	0	1.91 dB
W291BZ	MURRAY	KY	106.1	291	27	D	LIC	34.99	0	8.63 dB
WREZ	METROPOLIS	IL	105.5	288	6000	A	LIC	45.55	0	8.66 dB
KWKZ	CHARLESTON	MO	106.1	291	34000	C2	LIC	93	0	9.81 dB
910808MD	UNION CITY	TN	105.7	289	0	A	USE	48.24	0	16.16 dB
WNRQ	NASHVILLE	TN	105.9	290	98000	C	LIC	180.54	0	17.67 dB
WAKQ	PARIS	TN	105.5	288	3700	A	LIC	60.55	0	17.18 dB
W290CR	MADISONVILLE	KY	105.9	290	250	D	LIC	121.7	0	18.37 dB
KTMO	NEW MADRID	MO	106.5	293	50000	C2	LIC	100.8	0	20.73 dB
WKDZ-FM	CADIZ	KY	106.5	293	13400	C3	LIC	90.39	0	21.88 dB

**BOULDIN  
ENGINEERING**

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