

Engineering Statement

In Support of an

Application for a Construction Permit

KLSZ, Van Buren, Arkansas

Channel 274C2 Contour Comparison Study

Reference Coordinates:

North Latitude: 35-26-51

West Longitude: 94-21-54

ERP = 17.0 kW		FM - 2-6 Tables		F(50-50)
Ave. Elev.		Effective		Distance to
Azimuth	3 to 16 km	Antenna Height	ERP	60 dBu Contour
°T.	Meters AMSL	Meters AAT	(dBk)	km
0.0	235.6	99.7	12.304	36.0
45.0	184.8	150.5	12.304	42.7
90.0	139.9	195.4	12.304	47.3
135.0	122.1	213.2	12.304	48.7
180.0	141.7	193.6	12.304	47.1
225.0	124.0	211.3	12.304	48.5
270.0	173.7	161.6	12.304	44.1
315.0	160.3	175.0	12.304	45.5
Avg. of 8 = 160.3 M		175.0 M		45.0

ERP = 50.0 kW		FM - 2-6 Tables		F(50-50)
Ave. Elev.		Effective		Distance to
Azimuth	3 to 16 km	Antenna Height	ERP	60 dBu Contour
°T.	Meters AMSL	Meters AAT	(dBk)	km
0.0	235.6	74.7	16.990	39.8
45.0	184.8	125.5	16.990	48.8
90.0	139.9	170.4	16.990	54.7
135.0	122.1	188.2	16.990	56.3
180.0	141.7	168.6	16.990	54.5
225.0	124.0	186.3	16.990	56.2
270.0	173.7	136.6	16.990	50.4
315.0	160.3	150.0	16.990	52.2
Avg. of 8 = 160.3 M		150.0 M		51.6