

Kanza Society, Inc.
Application for New Noncommercial Educational Broadcast Station
Guymon, OK, CH 217, CLASS A
FCC Form 340
October 12, 2007

EXHIBIT IV-4: Technical Parameters (population and area)

Documentation for Form 340, Section IV, Item 4

a. New area served

This application would serve an area of 1,237 square kilometers with a 60 dBu signal measured in accordance with the standard predicted contours in 47 C.F.R. Section 73.713(c). This coverage area was calculated by a study conducted by Bromo Communications, Inc. that is attached to this exhibit.

b. New population served

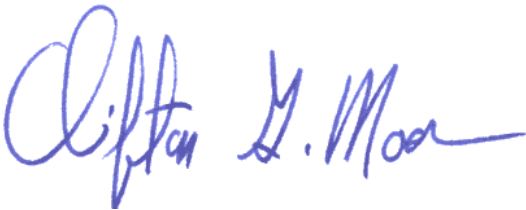
This application would serve a population of 12,329 persons with a 60 dBuV/m signal measured in accordance with the standard predicted contours in 47 C.F.R. Section 73.713(c) and based on the 2000 census block data from the United States Bureau of Census using the centroid method. This population was calculated by a study conducted by Bromo Communications, Inc. that is attached to this exhibit.

High Plains Public Radio
Channel 217 A – 3 KW – 1004.1 m AMSL
Guymon, Oklahoma
October 2007

Bromo Communications, Inc. was requested to perform certain analysis for the High Plains Public Radio Application on Channel 217A. The following is that analysis. All information contained herein is thought to be accurate to the knowledge of the undersigned.

Population within Proposed 60 dBu	12,329 Persons
Area of Proposed 60 dBu	1,237 SQ KM (excluding water)

This proposed High Plains Public Radio station will provide first NCE service to 12,131 persons within an area of 937 SQ KM. Additionally, this proposal will provide second NCE service to 198 persons over an area of 308 SQ KM.



Clifton G. Moor
Bromo Communications, Inc.

October 12, 2007

High Plains Public Radio
Population within New NCE 60 dBu
Channel 217A – 3 kW – 1004.1 m AMSL
Guymon, Oklahoma

Contour Parameters:

Type: FCC Contour

F(50-50) FS: 60.00 dBu [360 Radials]

Population Database: 2000 US Census (SF1)

Primary Terrain: V-Soft 3 Second US Terrain

Secondary Terrain: V-Soft 30 Second US Database

Transmitter Information:

Call Letters: New NCE

Latitude: 36-42-42.90 N

Longitude: 101-27-27.40 W

ERP: 3.00 kW

Channel: 217

Frequency: 91.3 MHz

AMSL Height: 1004.1 m

Total Population Within Contour: 12,329

Total Housing Units Within Contour: 4,671

Total Area Within Contour: 1237.12 sq. km

Total Breakdown:

White:	7,367	[59.8%]
Black:	69	[0.6%]
Hispanic:	4,539	[36.8%]
Native American:	106	[0.9%]
Asian:	89	[0.7%]
Pacific Islander:	19	[0.2%]
Mixed Race:	135	[1.1%]
Other:	5	[0.0%]

Oklahoma

Texas County

New NCE

Housing Units

Population

4,671

12,329

White:	7,367
Black:	69
Hispanic:	4,539
Native American:	106
Asian:	89
Pacific Islander:	19
Mixed Race:	135
Other:	5