

# Availability of Other Radio Services for Multiple Ownership Considerations for The Casper Radio Group, Inc.

## Introduction

This Engineering Study has been prepared for The Casper Radio Group, Inc., licensee of FM Broadcast Stations KTED, Evansville, Wyoming; KZQL, Mills, Wyoming; and KDAD, Bar Nunn, Wyoming. The Study provides updated information about the availability of other commercial and noncommercial radio services to the radio market created by the common ownership of these three stations. As shown in this Study, the number of other radio services conforms with the requirements of Section 73.3555 of the Rules and Regulations of the Federal Communications Commission with respect to the common interests in The Casper Radio Group, Inc.

None of the communities of license of the three stations forming the radio market are in the geographic boundaries of an Arbitron Metro. The Commission's "Interim Contour-Overlap Methodology" has therefore been used for determining compliance with Section 73.3555 of the Rules.

## Boundary of Radio Market

The radio market for this Study is defined by the predicted principal city (70 dBu) service contours for KTED(FM), KZQL(FM) and KDAD(FM). Figure 1 of this Study shows the 70 dBu contour for each of these stations. The common overlap of these contours defines a three-station radio market represented by the total area encompassed by the respective 70 dBu contours. Table A of this Study lists the facilities of each of these stations. There are no other stations under common ownership, operation or control with these three stations that have a 70 dBu contour which overlaps this radio market.

## Other Radio Services Available to Radio Market

Figure 2 of this Study shows the boundary of the three-station radio market defined by the common ownership of KTED(FM), KZQL(FM), and KDAD(FM); along with the 70 dBu principal city service contours for the licensed facilities of ten other existing commercial and noncommercial FM stations that overlap the 70 dBu contour for one or more of the stations that comprise the three-station radio market. These stations are listed in Table B of this Study. The stations identified in Table B do not represent an exhaustive listing of the other radio services. None of the stations listed in Table B are more than 92 kilometers from the boundary of the radio market, and none have common ownership with the stations that make up the radio market.

The common ownership of KTED(FM), KZQL(FM) and KDAD(FM) therefore conforms with the requirements of Section 73.3555(a)(1)(iv) of the Commission's Rules, as there are no more than five stations (and no more than three stations in the same service), and not more than 50 percent of the stations in the radio market, with such common interests.

#### Methods Employed in Determining Contours

For the FM stations shown in this Study, the predicted contours were determined in accordance with the requirements of Section 73.313 of the Commission's Rules, from computerized calculations based on the NGDC 30-second terrain database, and Figure 1 of Section 73.333 of the Commission's Rules. Distances to the contours were calculated at azimuthal increments of one degree.

Fred W. Volken  
Engineering Consultant


February 2016

Sierra Madre, California

## Statement of Engineer

FRED W. VOLKEN, whose place of business is located at 348 W. Sierra Madre Blvd., Sierra Madre, California, hereby states that he is a graduate physicist holding the degree Bachelor of Arts from Occidental College, Los Angeles, California; that his qualifications as an engineering consultant are a matter of record with the Federal Communications Commission; that he has prepared, or supervised the preparation of, this document as engineering consultant for The Casper Radio Group, Inc., licensee of FM Broadcast Stations KTED(FM), Evansville, Wyoming; KZQL(FM), Mills, Wyoming; and KDAD(FM), Bar Nunn, Wyoming; and that all of the information contained in this document is accurate and correct to the best of his knowledge and ability.

I state under penalty of perjury that the foregoing is true and correct. Executed on February 8, 2016.

  
Fred W. Volken

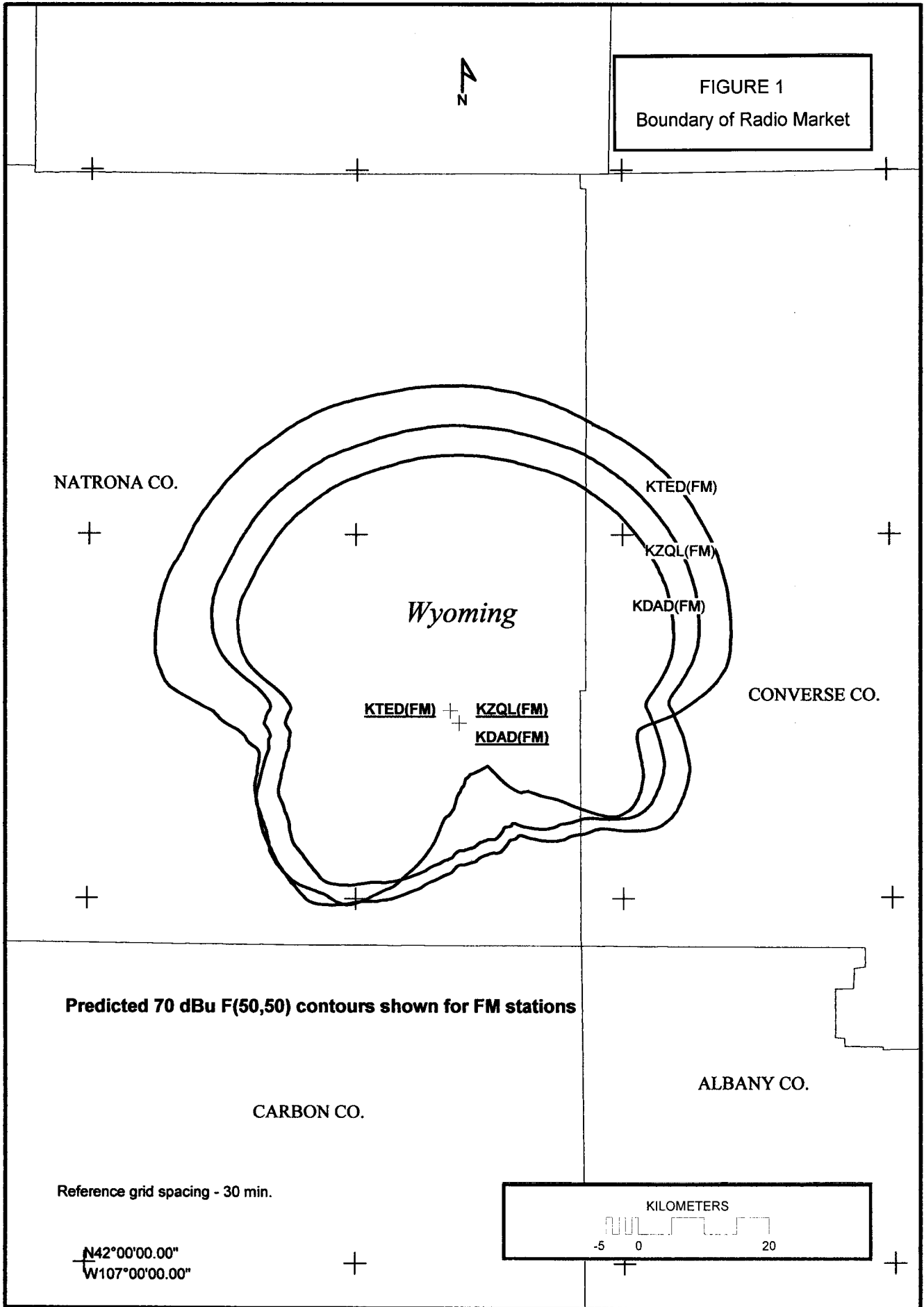


TABLE A

## Stations Comprising Radio Market

Channel and Class	Station and Location, Status, File Number	Geographical Coordinates	Facilities Assumed	
			Effective Radiated Power and Antenna	Antenna Height Above Average Terrain (meters)
263C1	KTED(FM), Evansville, WY License BLH-20080311ABW	N 42° 45' 30" W 106° 19' 23"	10.0 kW Nondirectional	437
288C1	KZQL(FM), Mills, WY License BLH-20110811ABU	N 42° 44' 30" W 106° 18' 23"	5.0 kW Nondirectional	518
223C2	KDAD(FM), Bar Nunn, WY License BLH-20110811ABT	N 42° 44' 30" W 106° 18' 23"	3.1 kW Nondirectional	521

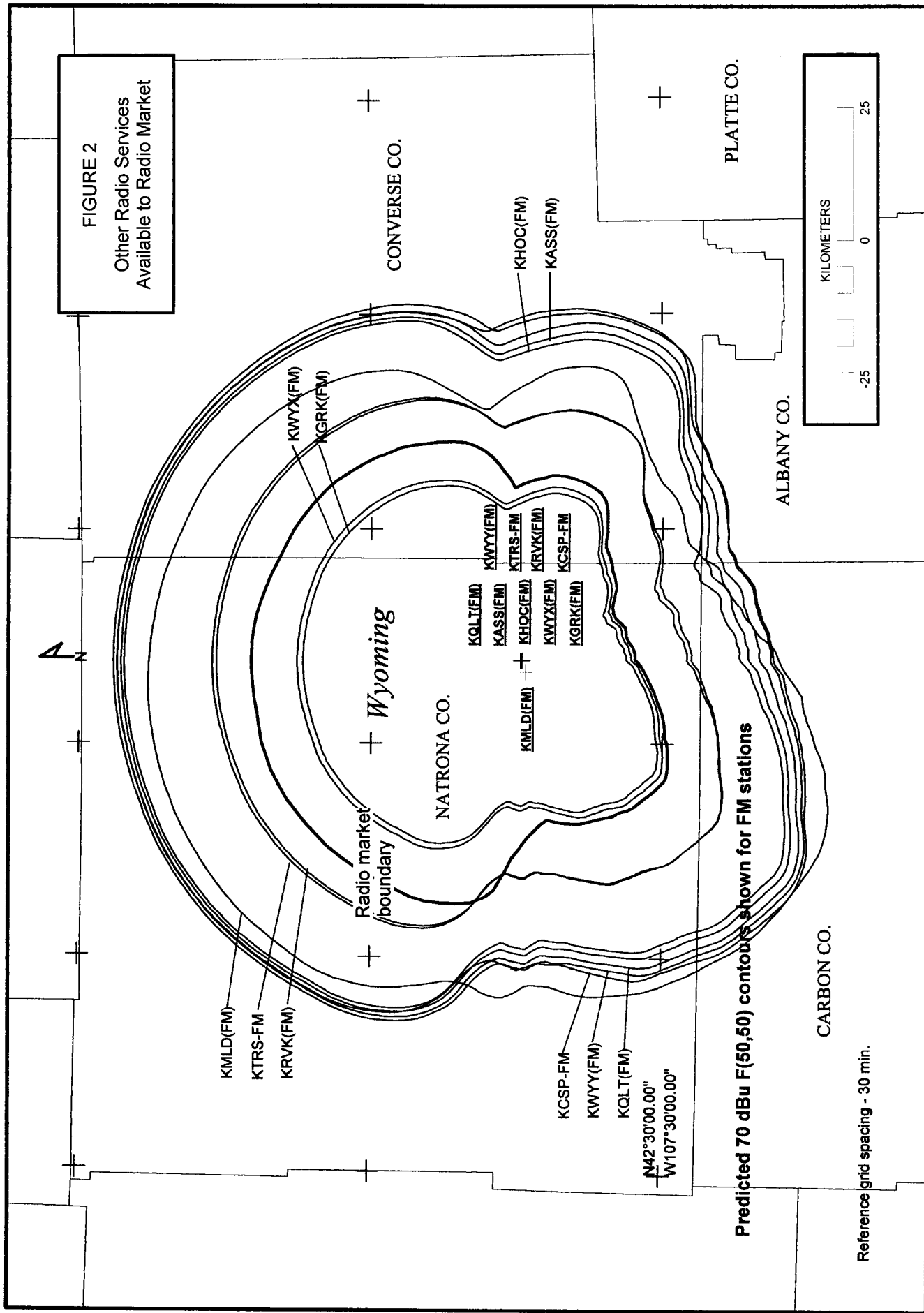


TABLE B  
Other Radio Services  
Available to Radio Market

Channel and Class	Station and Location, Status, File Number	Geographical Coordinates	Facilities Assumed	
			Effective Radiated Power and Antenna	Antenna Height Above Average Terrain (meters)
212C	KCSP-FM, Casper, WY License BLED-20140923ABP	N 42° 44' 24" W 106° 18' 23"	100 kW Nondirectional	593
238C	KWYY(FM), Midwest, WY License BLH-20131220EVQ	N 42° 44' 37" W 106° 18' 24"	100 kW Nondirectional	591
279C	KQLT(FM), Casper, WY License BLH-19980114KB	N 42° 44' 37" W 106° 18' 31"	100 kW Nondirectional	567
295C	KASS(FM), Casper, WY License BLH-19980220KD	N 42° 44' 37" W 106° 18' 31"	100 kW Nondirectional	538
273C	KHOC(FM), Casper, WY License BLH-20000407ADB	N 42° 44' 37" W 106° 18' 31"	100 kW Nondirectional	517
233C	KMLD(FM), Casper, WY License BLH-19790130AD	N 42° 44' 03" W 106° 20' 00"	65.0 kW Nondirectional	582
284C1	KTRS-FM, Casper, WY License BLH-20060927ANT	N 42° 44' 37" W 106° 18' 24"	18.0 kW Nondirectional	554
300C1	KRVK(FM), Vista West, WY License BMLH-20131220EYD	N 42° 44' 37" W 106° 18' 24"	15.5 kW Nondirectional	591
228C1	KWYX(FM), Casper, WY License BMLH-20100607AFR	N 42° 44' 28" W 106° 18' 31"	3.8 kW Nondirectional	530
253C1	KGRK(FM), Glenrock, WY License BLH-20090728ABK	N 42° 44' 28" W 106° 18' 31"	3.5 kW Nondirectional	518