

**Appendix A  
Spectrum Aggregation Chart**

<b>CMA</b>	<b>Name</b>	<b>County</b>	<b>State</b>	<b>AT&amp;T (MHz)</b>	<b>Divestitures (MHz)</b>	<b>Combined (MHz)</b>	<b>Screen (MHz)</b>
639	South Dakota 6 - Haakon	Stanley	South Dakota	10	45	55	95
639	South Dakota 6 - Haakon	Todd	South Dakota	0	45	45	95
639	South Dakota 6 - Haakon	Tripp	South Dakota	0	45	45	95
640	South Dakota 7 - Sully	Aurora	South Dakota	10	45	55	125
640	South Dakota 7 - Sully	Brule	South Dakota	0	45	45	95
640	South Dakota 7 - Sully	Buffalo	South Dakota	10	45	55	95
640	South Dakota 7 - Sully	Charles Mix	South Dakota	0	45	45	95
640	South Dakota 7 - Sully	Davison	South Dakota	10	45	55	125
640	South Dakota 7 - Sully	Douglas	South Dakota	10	45	55	125
640	South Dakota 7 - Sully	Hand	South Dakota	20	45	65	125
640	South Dakota 7 - Sully	Hughes	South Dakota	10	45	55	95
640	South Dakota 7 - Sully	Hyde	South Dakota	10	45	55	95
640	South Dakota 7 - Sully	Jerauld	South Dakota	10	45	55	95
640	South Dakota 7 - Sully	Sully	South Dakota	20	45	65	125
641	South Dakota 8 - Kingsbury	Beadle	South Dakota	22	45	67	95
641	South Dakota 8 - Kingsbury	Brookings	South Dakota	22	55	77	95
641	South Dakota 8 - Kingsbury	Kingsbury	South Dakota	32	45	77	125
641	South Dakota 8 - Kingsbury	Lake	South Dakota	32	55	87	125
641	South Dakota 8 - Kingsbury	Miner	South Dakota	22	45	67	125
641	South Dakota 8 - Kingsbury	Moody	South Dakota	22	55	77	95
641	South Dakota 8 - Kingsbury	Sanborn	South Dakota	22	45	67	125
642	South Dakota 9 - Hanson	Bon Homme	South Dakota	52	40	92	125

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642	South Dakota 9 - Hanson	Clay	South Dakota	52	40	92	125
642	South Dakota 9 - Hanson	Hanson	South Dakota	22	45	67	125
642	South Dakota 9 - Hanson	Hutchinson	South Dakota	12	45	57	95
642	South Dakota 9 - Hanson	Lincoln	South Dakota	22	45	67	95
642	South Dakota 9 - Hanson	McCook	South Dakota	32	55	87	125
642	South Dakota 9 - Hanson	Turner	South Dakota	22	55	77	95
642	South Dakota 9 - Hanson	Union	South Dakota	42	40	82	125
642	South Dakota 9 - Hanson	Yankton	South Dakota	52	40	92	125
650	Tennessee 8 - Johnson	Johnson	Tennessee	52	25	77	125
675	Utah 3 - Juab	Juab	Utah	35	35	70	145
675	Utah 3 - Juab	Millard	Utah	45	35	80	145
675	Utah 3 - Juab	Sanpete	Utah	45	35	80	145
675	Utah 3 - Juab	Sevier	Utah	45	35	80	145
676	Utah 4 - Beaver	Beaver	Utah	35	35	70	125
676	Utah 4 - Beaver	Iron	Utah	35	35	70	125
676	Utah 4 - Beaver	Washington	Utah	35	35	70	125
677	Utah 5 - Carbon	Carbon	Utah	55	35	90	145
677	Utah 5 - Carbon	Daggett	Utah	0	35	35	95
677	Utah 5 - Carbon	Duchesne	Utah	25	35	60	115
677	Utah 5 - Carbon	Emery	Utah	55	35	90	145
677	Utah 5 - Carbon	Grand	Utah	35	35	70	145
677	Utah 5 - Carbon	Uintah	Utah	25	35	60	115

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678	Utah 8 - Piute	Garfield	Utah	35	35	70	125
678	Utah 6 - Piute	Kane	Utah	35	35	70	125
878	Utah 8 - Piute	Piute	Utah	45	35	80	145
678	Utah 8 - Piute	San Juan	Utah	55	35	90	125
878	Utah 6 - Piute	Wayne	Utah	55	35	90	145
681	Virginia 1 - Lee	Buchanan	Virginia	50	25	75	125
881	Virginia 1 - Lee	Dickenson	Virginia	75	25	100	125
681	Virginia 1 - Lee	Lee	Virginia	60	25	85	125
681	Virginia 1 - Lee	Norton	Virginia	75	25	100	125
681	Virginia 1 - Lee	Russell	Virginia	75	25	100	125
681	Virginia 1 - Lee	Wise	Virginia	75	25	100	125
688	Virginia 8 - Amelia	Amelia	Virginia	62	25	87	145
688	Virginia 8 - Amelia	Brunswick	Virginia	62	25	87	145
688	Virginia 8 - Amelia	Lunenburg	Virginia	62	25	87	145
688	Virginia 8 - Amelia	Mecklenburg	Virginia	62	25	87	145
688	Virginia 8 - Amelia	Nottoway	Virginia	62	25	87	145
718	Wyoming 1 - Park	Big Horn	Wyoming	0	30	30	115
718	Wyoming 1 - Park	Hot Springs	Wyoming	10	35	45	125
718	Wyoming 1 - Park	Park	Wyoming	0	30	30	115
718	Wyoming 1 - Park	Washakie	Wyoming	10	35	45	125
719	Wyoming 2 - Sheridan	Campbell	Wyoming	10	35	45	125
719	Wyoming 2 - Sheridan	Crook	Wyoming	10	45	55	125

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719	Wyoming 2 - Sheridan	Johnson	Wyoming	10	35	45	125
719	Wyoming 2 - Sheridan	Sheridan	Wyoming	10	30	40	145
719	Wyoming 2 - Sheridan	Weston	Wyoming	10	45	55	125
721	Wyoming 4 - Niobrara	Albany	Wyoming	37	40	77	145
721	Wyoming 4 - Niobrara	Goshen	Wyoming	22	35	57	145
721	Wyoming 4 - Niobrara	Laramie	Wyoming	37	40	77	145
721	Wyoming 4 - Niobrara	Niobrara	Wyoming	22	35	57	125
721	Wyoming 4 - Niobrara	Platte	Wyoming	12	35	47	95
722	Wyoming 5 - Converse	Converse	Wyoming	0	35	35	95

### **Spectrum Aggregation Chart: Notes**

1. The spectrum screen is based on the standards that the Commission set forth in the *Verizon/ALLTEL Order* and *Sprint/Clearwire Order*: 95 MHz, plus an additional 30 MHz where AWS-1 is currently available, and an additional 20 MHz where BRS is currently available.
2. To determine whether AWS-1 is currently available, data were obtained from the NTIA website ([http://www.ntia.doc.gov/osmhome/reports/specrelo/pdf\\_20081209/data\\_20081209.htm](http://www.ntia.doc.gov/osmhome/reports/specrelo/pdf_20081209/data_20081209.htm)), and all non-confidential fixed locations where the months to relocation were not deleted and greater than zero were then mapped. It was then determined in which counties a transmitter or receiver was located or was crossed by a microwave path.
3. To determine whether BRS is currently available, a review was conducted of the transition initiation plans and completion notices filed in WT Docket No. 06-136.
4. The spectrum totals for AT&T and the divestiture spectrum include AWS-1 only in those counties in which AWS-1 is currently available and thus included in the spectrum screen.

**Appendix B**  
**Competitors Chart – 700 MHz, Cellular, SMR**

CMA	Name	County	Lower 700 MHz A	Lower 700 MHz B	Lower 700 MHz C	Lower 700 MHz D	Lower 700 MHz E	Upper 700 MHz C	Upper 700 MHz D	Cellular A	Cellular B	SMR
181	Muskegon, MI	Muskegon	Verizon	Agri-Valley Comm.	AT&T	Qualcomm	EchoStar	Verizon	Unlicensed	Verizon	AT&T	Sprint [18.5]
181	Muskegon, MI	Dceana	Verizon	Agri-Valley Comm.	AT&T	Qualcomm	EchoStar	Verizon	Unlicensed	Verizon	AT&T	Sprint [18.5]
221	Fargo-Moorehead, ND-MN	Clay	Kunan, Thomas K	Unlicensed	Dickey	Qualcomm	EchoStar	Verizon	Unlicensed	AT&T	Verizon	Sprint [18.5]
221	Fargo-Moorehead, ND-MN	Cass	Kurian, Thomas K	Unlicensed	Dickey	Qualcomm	EchoStar	Verizon	Unlicensed	AT&T	Verizon	Sprint [18.5]
246	Dothan, AL	Dale	CenturyTel	CenturyTel	MilkyWay Broadband	Qualcomm	EchoStar	Verizon	Unlicensed	Verizon	AT&T	Sprint [18.25]
246	Dothan, AL	Houston	CenturyTel	CenturyTel	MilkyWay Broadband	Qualcomm	EchoStar	Verizon	Unlicensed	Verizon	AT&T	Sprint [18.25]
253	Sioux City, IA-NE	Woodbury	LL License Holdings	US Cellular	Kennebec Telephone Co.	Qualcomm	EchoStar	Verizon	Unlicensed	AT&T	Verizon	Sprint [16.25]
253	Sioux City, IA-NE	Dakota	LL License Holdings	US Cellular	Kennebec Telephone Co.	Qualcomm	EchoStar	Verizon	Unlicensed	AT&T	Verizon	Sprint [16.25]
262	Danville, VA	Denver	Cavalier	US Cellular	AT&T	Qualcomm	EchoStar	Verizon	Unlicensed	Verizon	AT&T	Sprint [18.5]
262	Danville, VA	Pittsylvania	Cavalier	US Cellular	AT&T	Qualcomm	EchoStar	Verizon	Unlicensed	Verizon	AT&T	Sprint [18.5]
267	Sioux Falls, SD	Minnehaha	LL License Holdings	KTC AWS Ltd.	Kennebec Telephone Co.	Qualcomm	EchoStar	Verizon	Unlicensed	AT&T	Verizon	Sprint [18.5]
268	Billings, MT	Yellowstone	Bresnan	Verizon	Cable & Communications	Qualcomm	EchoStar	Verizon	Unlicensed	AT&T	Verizon	Sprint [18.25]
276	Grand Forks, ND-MN	Polk	Kurian, Thomas K	Unlicensed	Polar Communications	Qualcomm	EchoStar	Verizon	Unlicensed	AT&T	Verizon	Sprint [16.25]
276	Grand Forks, ND-MN	Grand Forks	Kurian, Thomas K	Unlicensed	Polar Communications	Qualcomm	EchoStar	Verizon	Unlicensed	AT&T	Verizon	Sprint [16.25]
285	Las Cruces, NM	Dona Ana	Miller, David	PVT Networks	Lynch 3G Communications	Qualcomm	EchoStar	Verizon	Unlicensed	AT&T	Verizon	Sprint [16.25]
289	Rapid City, SD	Meade	LL License Holdings	Verizon	Kennebec Telephone Co.	Qualcomm	EchoStar	Verizon	Unlicensed	AT&T	Verizon	Sprint [16.5]
289	Rapid City, SD	Pennington	LL License Holdings	Verizon	Kennebec Telephone Co.	Qualcomm	EchoStar	Verizon	Unlicensed	Epsilon Trust/ AT&T	Verizon	Sprint [16.5]
297	Great Falls, MT	Cascade	Bresnan	Verizon	3 Rivers Telephone Cooperative	Qualcomm	EchoStar	Verizon	Unlicensed	AT&T	Verizon	Sprint [18.25]
298	Bismarck, ND	Burleigh	LL License Holdings	Unlicensed	BEK Communications	Qualcomm	EchoStar	Verizon	Unlicensed	AT&T	Verizon	Sprint [18.5]
298	Bismarck, ND	Morton	LL License Holdings	Unlicensed	BEK Communications	Qualcomm	EchoStar	Verizon	Unlicensed	AT&T	Verizon	Sprint [18.5]
299	Casper, WY	Natrona	Union	Verizon	Union Telephone Company	Qualcomm	EchoStar	Verizon	Unlicensed	AT&T	Excomm Verizon	Sprint [16.5]
313	Alabama 7 - Butler	Butler	Cellular South	Centurytel	MilkyWay Broadband	Qualcomm	EchoStar	Verizon	Unlicensed	Verizon	AT&T	Sprint [18.25]
313	Alabama 7 - Butler	Coffee	CenturyTel	CenturyTel	MilkyWay Broadband	Qualcomm	EchoStar	Verizon	Unlicensed	Verizon	AT&T	Sprint [18.25]
313	Alabama 7 - Butler	Covington	CenturyTel	Centurytel	MilkyWay Broadband	Qualcomm	EchoStar	Verizon	Unlicensed	Verizon	AT&T	Sprint [18.25]
313	Alabama 7 - Butler	Crenshaw	Cellular South	Centurytel	MilkyWay Broadband	Qualcomm	EchoStar	Verizon	Unlicensed	Verizon	AT&T	Sprint [18.25]

Appendix B  
Competitors Chart – 700 MHz, Cellular, SMR

CMA	Name	County	Lower 700 MHz A	Lower 700 MHz B	Lower 700 MHz C	Lower 700 MHz D	Lower 700 MHz E	Upper 700 MHz C	Upper 700 MHz D	Cellular A	Cellular B	SMR
313	Alabama 7 - Butler	Geneva	CenturyTel	CenturyTel	MilkyWay Broadband	Qualcomm	EchoStar	Verizon	Unlicensed	Verizon	AT&T	Sprint [18.25]
313	Alabama 7 - Butler	Pike	Cellular South	CenturyTel	MilkyWay Broadband	Qualcomm	EchoStar	Verizon	Unlicensed	Verizon	AT&T	Sprint [18.25]
322	Arizona 5 - Gila	Gila	Cox	AT&T	San Carlos Apache Telecom. Utility	Qualcomm	EchoStar	Verizon	Unlicensed	AT&T	Verizon	Sprint [17.25]
322	Arizona 5 - Gila	Pinal	Cox	AT&T	San Carlos Apache Telecom. Utility	Qualcomm	EchoStar	Verizon	Unlicensed	AT&T	Verizon	Sprint [17.25]
341	California 6 - Mono	Inyo	Triad 700	Great American	AT&T	Qualcomm	EchoStar	Verizon	Unlicensed	AT&T	Verizon	Sprint [17.25]
341	California 6 - Mono	Mono	Triad 700	Great American	AT&T	Qualcomm	EchoStar	Verizon	Unlicensed	AT&T	Verizon	Sprint [18.5]
351	Colorado 4 - Park	Chaffee	Verizon	Verizon	Union Telephone Company	Qualcomm	EchoStar	Verizon	Unlicensed	AT&T	Verizon	Sprint [16.5]
351	Colorado 4 - Park	Custer	Verizon	Verizon	Union Telephone Company	Qualcomm	EchoStar	Verizon	Unlicensed	AT&T	Verizon	Sprint [16.5]
351	Colorado 4 - Park	Fremont	Verizon	Verizon	Union Telephone Company	Qualcomm	EchoStar	Verizon	Unlicensed	AT&T	Verizon	Sprint [16.5]
351	Colorado 4 - Park	Lake	Verizon	Verizon	Union Telephone Company	Qualcomm	EchoStar	Verizon	Unlicensed	AT&T	Verizon	Sprint [16.5]
351	Colorado 4 - Park	Park	Verizon	Verizon	Union Telephone Company	Qualcomm	EchoStar	Verizon	Unlicensed	AT&T	Verizon	Sprint [16.5]
352	Colorado 5 - Elbert	Cheyenne	CenturyTel	Verizon	Eastern Colorado Wireless, LLC	Qualcomm	EchoStar	Verizon	Unlicensed	AT&T	Verizon	Sprint [16.5]
352	Colorado 5 - Elbert	Elbert	Verizon	Verizon	Eastern Colorado Wireless, LLC	Qualcomm	EchoStar	Verizon	Unlicensed	NE Colorado Cellular	Commet Verizon	Sprint [16.5]
352	Colorado 5 - Elbert	Kit Carson	Verizon	Verizon	Eastern Colorado Wireless, LLC	Qualcomm	EchoStar	Verizon	Unlicensed	AT&T	Verizon	Sprint [16.5]
352	Colorado 5 - Elbert	Lincoln	Verizon	Verizon	Eastern Colorado Wireless, LLC	Qualcomm	EchoStar	Verizon	Unlicensed	NE Colorado Cellular	Verizon	Sprint [16.5]
353	Colorado 6 - San Miguel	Dolores	CenturyTel	AT&T	Farmers Telephone Company	Qualcomm	EchoStar	Verizon	Unlicensed	AT&T	Verizon	Sprint [18.25]
353	Colorado 6 - San Miguel	Hinsdale	Verizon	AT&T	Farmers Telephone Company	Qualcomm	EchoStar	Verizon	Unlicensed	Excomm AT&T	Verizon	Sprint [16.5]
353	Colorado 6 - San Miguel	La Plata	CenturyTel	AT&T	Farmers Telephone Company	Qualcomm	EchoStar	Verizon	Unlicensed	AT&T	Verizon	Sprint [18.25]
353	Colorado 6 - San Miguel	Montezuma	CenturyTel	AT&T	Farmers Telephone Company	Qualcomm	EchoStar	Verizon	Unlicensed	AT&T	Verizon	Sprint [18.25]
353	Colorado 6 - San Miguel	Ouray	Verizon	AT&T	Farmers Telephone Company	Qualcomm	EchoStar	Verizon	Unlicensed	AT&T	Verizon	Sprint [16.5]
353	Colorado 6 - San Miguel	San Juen	CenturyTel	AT&T	Farmers Telephone Company	Qualcomm	EchoStar	Verizon	Unlicensed	AT&T	Verizon	Sprint [18.25]
353	Colorado 6 - San Miguel	San Miguel	Verizon	AT&T	Farmers Telephone Company	Qualcomm	EchoStar	Verizon	Unlicensed	AT&T	Verizon	Sprint [16.5]
354	Colorado 7 - Saguache	Alamosa	CenturyTel	CenturyTel	Union Telephone Company	Qualcomm	EchoStar	Verizon	Unlicensed	AT&T	Verizon	Sprint [16.5]
354	Colorado 7 - Saguache	Archuleta	CenturyTel	CenturyTel Broadband	Union Telephone Company	Qualcomm	EchoStar	Verizon	Unlicensed	AT&T	Verizon	Sprint [18.25]
354	Colorado 7 - Saguache	Conejos	CenturyTel	CenturyTel Broadband	Union Telephone Company	Qualcomm	EchoStar	Verizon	Unlicensed	AT&T	Blanca Telephone	Sprint [16.5]

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CMA	Name	County	Lower 700 MHz A	Lower 700 MHz B	Lower 700 MHz C	Lower 700 MHz D	Lower 700 MHz E	Upper 700 MHz C	Upper 700 MHz D	Cellular A	Cellular B	SMR
354	Colorado 7 - Saguache	Mineral	CenturyTel	CenturyTel Broadband	Union Telephone Company	Qualcomm	EchoStar	Verizon	Unlicensed	AT&T	Verizon	Sprint [16.5]
354	Colorado 7 - Saguache	Rio Grande	CenturyTel	CenturyTel	Union Telephone Company	Qualcomm	EchoStar	Verizon	Unlicensed	AT&T	Verizon	Sprint [16.5]
354	Colorado 7 - Saguache	Saguache	CenturyTel	CenturyTel Broadband	Union Telephone Company	Qualcomm	EchoStar	Verizon	Unlicensed	AT&T	Verizon	Sprint [16.5]
355	Colorado 8 - Kiowa	Bent	CenturyTel	CenturyTel Broadband	Eastern Colorado Wireless, LLC	Qualcomm	EchoStar	Verizon	Unlicensed	AT&T	Verizon	Sprint [16.5]
355	Colorado 8 - Kiowa	Crowley	CenturyTel	CenturyTel Broadband	Eastern Colorado Wireless, LLC	Qualcomm	EchoStar	Verizon	Unlicensed	AT&T	Verizon	Sprint [16.5]
355	Colorado 8 - Kiowa	Kiowa	CenturyTel	CenturyTel Broadband	Eastern Colorado Wireless, LLC	Qualcomm	EchoStar	Verizon	Unlicensed	AT&T	Verizon	Sprint [16.5]
355	Colorado 8 - Kiowa	Otero	CenturyTel	CenturyTel Broadband	Eastern Colorado Wireless, LLC	Qualcomm	EchoStar	Verizon	Unlicensed	AT&T	Verizon	Sprint [16.5]
355	Colorado 8 - Kiowa	Prowers	CenturyTel	CenturyTel Broadband	Eastern Colorado Wireless, LLC	Qualcomm	EchoStar	Verizon	Unlicensed	AT&T	Excomm Verizon	Sprint [16.5]
356	Colorado 9 - Costilla	Bace	CenturyTel	C&W Enterprises	Blanca Telephone	Qualcomm	EchoStar	Verizon	Unlicensed	AT&T	Verizon	Sprint [16.5]
356	Colorado 9 - Costilla	Costilla	CenturyTel	C&W Enterprises	Blanca Telephone	Qualcomm	EchoStar	Verizon	Unlicensed	AT&T	Blanca Telephone	Sprint [16.5]
356	Colorado 9 - Costilla	Huerfano	CenturyTel	C&W Enterprises	Blanca Telephone	Qualcomm	EchoStar	Verizon	Unlicensed	AT&T	Verizon	Sprint [16.5]
356	Colorado 9 - Costilla	Las Animas	CenturyTel	C&W Enterprises	Blanca Telephone	Qualcomm	EchoStar	Verizon	Unlicensed	AT&T	Verizon	Sprint [16.5]
419	Iowa 8 - Monona	Crawford	US Cellular	US Cellular	US Cellular	Qualcomm	EchoStar	Verizon	Unlicensed	AT&T	Verizon	Sprint [16.5]
419	Iowa 8 - Monona	Harrison	Cox Wireless	US Cellular	US Cellular	Qualcomm	EchoStar	Verizon	Unlicensed	AT&T	Verizon	Sprint [16.5]
419	Iowa 8 - Monona	Monona	Long Lines	US Cellular	US Cellular	Qualcomm	EchoStar	Verizon	Unlicensed	AT&T	Verizon	Sprint [16.25]
419	Iowa 8 - Monona	Shelby	Cox Wireless	US Cellular	US Cellular	Qualcomm	EchoStar	Verizon	Unlicensed	AT&T	Verizon	Sprint [16.5]
427	Iowa 16 - Lyon	Cherokee	Long Lines	US Cellular	Mutual Telephone Company	Qualcomm	EchoStar	Verizon	Unlicensed	US Cellular	AT&T	Sprint [16.25]
427	Iowa 16 - Lyon	Lyon	Long Lines	US Cellular	Mutual Telephone Company	Qualcomm	EchoStar	Verizon	Unlicensed	US Cellular	AT&T	Sprint [16.5]
427	Iowa 16 - Lyon	O'Brien	Long Lines	US Cellular	Mutual Telephone Company	Qualcomm	EchoStar	Verizon	Unlicensed	US Cellular	AT&T	Sprint [16.25]
427	Iowa 16 - Lyon	Osceola	Verizon	US Cellular	Mutual Telephone Company	Qualcomm	EchoStar	Verizon	Unlicensed	US Cellular	AT&T	Sprint [16.5]
427	Iowa 16 - Lyon	Plymouth	Long Lines	US Cellular	Mutual Telephone Company	Qualcomm	EchoStar	Verizon	Unlicensed	US Cellular	AT&T	Sprint [16.25]
427	Iowa 16 - Lyon	Sioux	Long Lines	US Cellular	Mutual Telephone Company	Qualcomm	EchoStar	Verizon	Unlicensed	US Cellular	AT&T	Sprint [16.25]
428	Kansas 1 - Cheyenne	Cheyenne	Verizon	S&T Tel Cooperative	S&T Communications	Qualcomm	EchoStar	Verizon	Unlicensed	AT&T	Verizon	Sprint [16.5]
428	Kansas 1 - Cheyenne	Decatur	Cox	S&T Tel Cooperative	S&T Communications	Qualcomm	EchoStar	Verizon	Unlicensed	AT&T	Verizon	Sprint [16.5]
428	Kansas 1 - Cheyenne	Rawlins	Cox	S&T Tel Cooperative	S&T Communications	Qualcomm	EchoStar	Verizon	Unlicensed	AT&T	Verizon	Sprint [16.5]



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CMA	Name	County	Lower 700 MHz A	Lower 700 MHz B	Lower 700 MHz C	Lower 700 MHz D	Lower 700 MHz E	Upper 700 MHz C	Upper 700 MHz D	Cellular A	Cellular B	SMR
428	Kansas 1 - Cheyenne	Sheridan	Verizon	S&T Tel Cooperative	S&T Communications	Qualcomm	EchoStar	Verizon	Unlicensed	AT&T	Verizon	Sprint [18.75]
428	Kansas 1 - Cheyenne	Sherman	Verizon	S&T Tel Cooperative	S&T Communications	Qualcomm	EchoStar	Verizon	Unlicensed	AT&T	Verizon	Sprint [16.5]
428	Kansas 1 - Cheyenne	Thomas	Verizon	S&T Tel Cooperative	S&T Communications	Qualcomm	EchoStar	Verizon	Unlicensed	AT&T	Verizon	Sprint [18.75]
429	Kansas 2 - Norton	Graham	Cox	Rural Tel Service Co.	Rural Telephone Service Co., Inc.	Qualcomm	EchoStar	Verizon	Unlicensed	AT&T	Verizon	Sprint [18.75]
429	Kansas 2 - Norton	Norton	Cox	Rural Tel Service Co.	Rural Telephone Service Co., Inc.	Qualcomm	EchoStar	Verizon	Unlicensed	AT&T	Verizon	Sprint [18.75]
429	Kansas 2 - Norton	Osborne	Cox	Rural Tel Service Co.	Rural Telephone Service Co., Inc.	Qualcomm	EchoStar	Verizon	Unlicensed	AT&T	Verizon	Sprint [18.75]
429	Kansas 2 - Norton	Phillips	Cox	Rural Tel Service Co.	Rural Telephone Service Co., Inc.	Qualcomm	EchoStar	Verizon	Unlicensed	AT&T	Verizon	Sprint [18.75]
429	Kansas 2 - Norton	Rooks	Cox	Rural Tel Service Co.	Rural Telephone Service Co., Inc.	Qualcomm	EchoStar	Verizon	Unlicensed	AT&T	Verizon	Sprint [18.75]
429	Kansas 2 - Norton	Smith	Cox	Rural Tel Service Co.	Rural Telephone Service Co., Inc.	Qualcomm	EchoStar	Verizon	Unlicensed	AT&T	Verizon	Sprint [18.75]
433	Kansas 6 - Wallace	Gove	Verizon	S&T Tel Cooperative	S&T Communications	Qualcomm	EchoStar	Verizon	Unlicensed	AT&T	Verizon	Sprint [18.75]
433	Kansas 6 - Wallace	Greeley	Cox	S&T Tel Cooperative	S&T Communications	Qualcomm	EchoStar	Verizon	Unlicensed	AT&T	Verizon	Sprint [18.75]
433	Kansas 6 - Wallace	Lana	Cox	S&T Tel Cooperative	S&T Communications	Qualcomm	EchoStar	Verizon	Unlicensed	AT&T	Verizon	Sprint [18.75]
433	Kansas 6 - Wallace	Logan	Verizon	S&T Tel Cooperative	S&T Communications	Qualcomm	EchoStar	Verizon	Unlicensed	AT&T	Verizon	Sprint [18.75]
433	Kansas 6 - Wallace	Scott	Cox	S&T Tel Cooperative	S&T Communications	Qualcomm	EchoStar	Verizon	Unlicensed	AT&T	Verizon	Sprint [18.75]
433	Kansas 6 - Wallace	Wallace	Verizon	S&T Tel Cooperative	S&T Communications	Qualcomm	EchoStar	Verizon	Unlicensed	AT&T	Verizon	Sprint [16.5]
433	Kansas 6 - Wallace	Wichita	Cox	S&T Tel Cooperative	S&T Communications	Qualcomm	EchoStar	Verizon	Unlicensed	AT&T	Verizon	Sprint [18.75]
434	Kansas 7 - Trego	Barton	Cox	Verizon	H&B Communications	Qualcomm	EchoStar	Verizon	Unlicensed	AT&T	Verizon	Sprint [18.75]
434	Kansas 7 - Trego	Ellis	Cox	Verizon	Rural Telephone Service Co., Inc.	Qualcomm	EchoStar	Verizon	Unlicensed	AT&T	Verizon	Sprint [18.75]
434	Kansas 7 - Trego	Ness	Cox	Verizon	H&B Communications	Qualcomm	EchoStar	Verizon	Unlicensed	AT&T	Verizon	Sprint [18.75]
434	Kansas 7 - Trego	Pawnee	Cox	Verizon	Golden Belt Telephone Assoc.	Qualcomm	EchoStar	Verizon	Unlicensed	AT&T	Verizon	Sprint [18.75]
434	Kansas 7 - Trego	Rush	Cox	Verizon	Golden Belt Telephone Assoc.	Qualcomm	EchoStar	Verizon	Unlicensed	AT&T	Verizon	Sprint [18.75]
434	Kansas 7 - Trego	Russell	Cox	Verizon	H&B Communications	Qualcomm	EchoStar	Verizon	Unlicensed	AT&T	Verizon	Sprint [18.75]
434	Kansas 7 - Trego	Trego	Cox	Verizon	Rural Telephone Service Co., Inc.	Qualcomm	EchoStar	Verizon	Unlicensed	AT&T	Verizon	Sprint [18.75]
438	Kansas 11 - Hamilton	Finney	Cox	Verizon	Pioneer Telephone Association	Qualcomm	EchoStar	Verizon	Unlicensed	AT&T	Verizon	Sprint [18.75]
438	Kansas 11 - Hamilton	Grant	Cox	Verizon	Pioneer Telephone Association	Qualcomm	EchoStar	Verizon	Unlicensed	AT&T	Verizon	Sprint [18.75]

**Appendix B  
Competitors Chart – 700 MHz, Cellular, SMR**

CMA	Name	County	Lower 700 MHz A	Lower 700 MHz B	Lower 700 MHz C	Lower 700 MHz D	Lower 700 MHz E	Upper 700 MHz C	Upper 700 MHz D	Cellular A	Cellular B	SMR
438	Kansas 11 - Hamilton	Hamilton	Cox	Verizon	Pioneer Telephone Association	Qualcomm	EchoStar	Verizon	Unlicensed	AT&T	Verizon	Sprint [18.75]
438	Kansas 11 - Hamilton	Haskell	Cox	Verizon	Pioneer Telephone Association	Qualcomm	EchoStar	Verizon	Unlicensed	AT&T	Verizon	Sprint [18.75]
436	Kansas 11 - Hamilton	Kearny	Cox	Verizon	Pioneer Telephone Association	Qualcomm	EchoStar	Verizon	Unlicensed	AT&T	Verizon	Sprint [18.75]
438	Kansas 11 - Hamilton	Morton	Cox	Verizon	Pioneer Telephone Association	Qualcomm	EchoStar	Verizon	Unlicensed	AT&T	Verizon	Sprint [18.75]
438	Kansas 11 - Hamilton	Seward	Cox	Verizon	Pioneer Telephone Association	Qualcomm	EchoStar	Verizon	Unlicensed	AT&T	Verizon	Sprint [18.75]
438	Kansas 11 - Hamilton	Stanton	Cox	Verizon	Pioneer Telephone Association	Qualcomm	EchoStar	Verizon	Unlicensed	AT&T	Verizon	Sprint [18.75]
438	Kansas 11 - Hamilton	Stavens	Cox	Verizon	Pioneer Telephone Association	Qualcomm	EchoStar	Verizon	Unlicensed	AT&T	Verizon	Sprint [18.75]
439	Kansas 12 - Hodgeman	Clark	Cox	Verizon	United Telecom	Qualcomm	EchoStar	Verizon	Unlicensed	AT&T	Verizon	Sprint [18.75]
439	Kansas 12 - Hodgeman	Ford	Cox	Verizon	United Telecom	Qualcomm	EchoStar	Verizon	Unlicensed	AT&T	Verizon	Sprint [18.75]
439	Kansas 12 - Hodgeman	Gray	Cox	Verizon	United Telecom	Qualcomm	EchoStar	Verizon	Unlicensed	AT&T	Verizon	Sprint [18.75]
438	Kansas 12 - Hodgeman	Hodgeman	Cox	Verizon	United Telecom	Qualcomm	EchoStar	Verizon	Unlicensed	AT&T	Verizon	Sprint [18.75]
439	Kansas 12 - Hodgeman	Meade	Cox	Verizon	United Telecom	Qualcomm	EchoStar	Verizon	Unlicensed	AT&T	Verizon	Sprint [18.75]
440	Kansas 13 - Edwards	Barber	Cox	Verizon	United Telecom	Qualcomm	EchoStar	Verizon	Unlicensed	AT&T	Verizon	Sprint [18.75]
440	Kansas 13 - Edwards	Comanche	Cox	Verizon	United Telecom	Qualcomm	EchoStar	Verizon	Unlicensed	AT&T	Verizon	Sprint [18.75]
440	Kansas 13 - Edwards	Edwards	Cox	Verizon	United Telecom	Qualcomm	EchoStar	Verizon	Unlicensed	AT&T	Verizon	Sprint [18.75]
440	Kansas 13 - Edwards	Kiowa	Cox	Verizon	United Telecom	Qualcomm	EchoStar	Verizon	Unlicensed	AT&T	Verizon	Sprint [18.75]
440	Kansas 13 - Edwards	Pratt	Cox	Verizon	United Telecom	Qualcomm	EchoStar	Verizon	Unlicensed	AT&T	Verizon	Sprint [18.75]
440	Kansas 13 - Edwards	Stafford	Cox	Verizon	United Telecom	Qualcomm	EchoStar	Verizon	Unlicensed	AT&T	Verizon	Sprint [18.75]
476	Michigan 5 - Manistee	Benzie	CenturyTel	CenturyTel	Agri-Valley	Qualcomm	EchoStar	Verizon	Unlicensed	AT&T	Verizon	Sprint [18.5]
476	Michigan 5 - Manistee	Lake	CenturyTel	CenturyTel	Agri-Valley	Qualcomm	EchoStar	Verizon	Unlicensed	AT&T	Verizon	Sprint [18.5]
476	Michigan 5 - Manistee	Leelanau	CenturyTel	CenturyTel	Agri-Valley	Qualcomm	EchoStar	Verizon	Unlicensed	AT&T	Verizon	Sprint [18.5]
476	Michigan 5 - Manistee	Manistee	CenturyTel	CenturyTel	Agri-Valley	Qualcomm	EchoStar	Verizon	Unlicensed	AT&T	Verizon	Sprint [18.5]
478	Michigan 5 - Manistee	Mason	CenturyTel	CenturyTel	Agri-Valley	Qualcomm	EchoStar	Verizon	Unlicensed	AT&T	Verizon	Sprint [18.5]
476	Michigan 5 - Manistee	Missaukee	CenturyTel	CenturyTel	Agri-Valley	Qualcomm	EchoStar	Verizon	Unlicensed	AT&T	Verizon	Sprint [18.5]
476	Michigan 5 - Manistee	Osceola	CenturyTel	CenturyTel	Agri-Valley	Qualcomm	EchoStar	Verizon	Unlicensed	AT&T	Verizon	Sprint [18.5]

**Appendix B  
Competitors Chart – 700 MHz, Cellular, SMR**

CMA	Name	County	Lower 700 MHz A	Lower 700 MHz B	Lower 700 MHz C	Lower 700 MHz D	Lower 700 MHz E	Upper 700 MHz C	Upper 700 MHz D	Cellular A	Cellular B	SMR
476	Michigan 5 - Manistee	Wexford	CenturyTel	CenturyTel	Agri-Valley	Qualcomm	EchoStar	Verizon	Unlicensed	AT&T	Verizon	Sprint [18.5]
478	Michigan 7 - Newaygo	Gratiot	Verizon	Iowa Intelegra	Agri-Valley	Qualcomm	EchoStar	Verizon	Unlicensed	AT&T	Verizon	Sprint [18.5]
478	Michigan 7 - Newaygo	Isabella	Verizon	Iowa Intelegra	Agri-Valley	Qualcomm	EchoStar	Verizon	Unlicensed	AT&T	Verizon	Sprint [18.5]
478	Michigan 7 - Newaygo	Mecosta	Verizon	Iowa Intelegra	Agri-Valley	Qualcomm	EchoStar	Verizon	Unlicensed	AT&T	Verizon	Sprint [18.5]
478	Michigan 7 - Newaygo	Montcalm	Verizon	Iowa Intelegra	Agri-Valley	Qualcomm	EchoStar	Verizon	Unlicensed	AT&T	Verizon	Sprint [18.5]
478	Michigan 7 - Newaygo	Newaygo	Verizon	Iowa Intelegra	Agri-Valley	Qualcomm	EchoStar	Verizon	Unlicensed	AT&T	Verizon	Sprint [18.5]
482	Minnesota 1 - Kittson	Kittson	Kurian, Thomas K	Iowa Intelegra	Paul Bunyan Rural Telephone Coop.	Qualcomm	EchoStar	Verizon	Unlicensed	AT&T	Verizon	Sprint [16.25]
482	Minnesota 1 - Kittson	Marshall	Kurian, Thomas K	Iowa Intelegra	Paul Bunyan Rural Telephone Coop.	Qualcomm	EchoStar	Verizon	Unlicensed	AT&T	Verizon	Sprint [16.25]
482	Minnesota 1 - Kittson	Pennington	Kurian, Thomas K	Iowa Intelegra	Paul Bunyan Rural Telephone Coop.	Qualcomm	EchoStar	Verizon	Unlicensed	AT&T	Verizon	Sprint [16.25]
482	Minnesota 1 - Kittson	Red Lake	Kunan, Thomas K	Iowa Intelegra	Paul Bunyan Rural Telephone Coop.	Qualcomm	EchoStar	Verizon	Unlicensed	AT&T	Verizon	Sprint [16.25]
482	Minnesota 1 - Kittson	Rosaau	Kurian, Thomas K	Iowa Intelegra	Paul Bunyan Rural Telephone Coop.	Qualcomm	EchoStar	Verizon	Unlicensed	AT&T	Verizon	Sprint [16.25]
483	Minnesota 2 - Lake of the Woods	Beltrami	Verizon	Paul Bunyan Rural	Red Lake Band of Chippewa Indians	Qualcomm	EchoStar	Verizon	Unlicensed	AT&T	Verizon	Sprint [18.5]
483	Minnesota 2 - Lake of the Woods	Clearwater	Verizon	Paul Bunyan Rural	Red Lake Band of Chippewa Indians	Qualcomm	EchoStar	Verizon	Unlicensed	AT&T	Verizon	Sprint [18.5]
483	Minnesota 2 - Lake of the Woods	Lake of the Woods	Kurian, Thomas K	Paul Bunyan Rural	Red Lake Band of Chippewa Indians	Qualcomm	EchoStar	Verizon	Unlicensed	AT&T	Verizon	Sprint [16.25]
483	Minnesota 2 - Lake of the Woods	Mahnomen	Kurian, Thomas K	Paul Bunyan Rural	Red Lake Band of Chippewa Indians	Qualcomm	EchoStar	Verizon	Unlicensed	AT&T	Verizon	Sprint [18.5]
483	Minnesota 2 - Lake of the Woods	Norman	Kurian, Thomas K	Paul Bunyan Rural	Red Lake Band of Chippewa Indians	Qualcomm	EchoStar	Verizon	Unlicensed	AT&T	Verizon	Sprint [18.5]
488	Minnesota 7 - Chippewa	Chippewa	Verizon	Redwood	Redwood	Qualcomm	EchoStar	Verizon	Unlicensed	AT&T	Verizon	Sprint [18.5]
488	Minnesota 7 - Chippewa	Kandiyohi	Verizon	Redwood	Redwood	Qualcomm	EchoStar	Verizon	Unlicensed	AT&T	Verizon	Sprint [18.5]
488	Minnesota 7 - Chippewa	McLeod	Verizon	Redwood	Redwood	Qualcomm	EchoStar	Verizon	Unlicensed	AT&T	Verizon	Sprint [18.5]
488	Minnesota 7 - Chippewa	Meeker	Verizon	Redwood	Redwood	Qualcomm	EchoStar	Verizon	Unlicensed	AT&T	Verizon	Sprint [18.5]
488	Minnesota 7 - Chippewa	Nicollet	Verizon	Redwood	Redwood	Qualcomm	EchoStar	Verizon	Unlicensed	AT&T	Verizon	Sprint [18.5]
488	Minnesota 7 - Chippewa	Renville	Verizon	Redwood	Redwood	Qualcomm	EchoStar	Verizon	Unlicensed	AT&T	Verizon	Sprint [18.5]
488	Minnesota 7 - Chippewa	Sibley	Verizon	Redwood	Redwood	Qualcomm	EchoStar	Verizon	Unlicensed	AT&T	Verizon	Sprint [18.5]
489	Minnesota 8 - Lac qui Parle	Lac qui Parle	Verizon	Redwood	Redwood	Qualcomm	EchoStar	Verizon	Unlicensed	AT&T	Verizon	Sprint [18.5]
489	Minnesota 8 - Lac qui Parle	Lincoln	Verizon	Redwood	Redwood	Qualcomm	EchoStar	Verizon	Unlicensed	AT&T	Verizon	Sprint [18.5]

**Appendix B  
Competitors Chart – 700 MHz, Cellular, SMR**

CMA	Name	County	Lower 700 MHz A	Lower 700 MHz B	Lower 700 MHz C	Lower 700 MHz D	Lower 700 MHz E	Upper 700 MHz C	Upper 700 MHz D	Cellular A	Cellular B	SMR
489	Minnesota 8 - Lac qui Parle	Lyon	Verizon	Redwood	Redwood	Qualcomm	EchoStar	Verizon	Unlicensed	AT&T	Verizon	Sprint [18.5]
489	Minnesota 8 - Lac qui Parle	Redwood	Verizon	Redwood	Redwood	Qualcomm	EchoStar	Verizon	Unlicensed	AT&T	Verizon	Sprint [18.5]
489	Minnesota 8 - Lac qui Parle	Yellow Medicine	Verizon	Redwood	Redwood	Qualcomm	EchoStar	Verizon	Unlicensed	AT&T	Verizon	Sprint [18.5]
490	Minnesota 9 - Pipestone	Brown	Verizon	Redwood	Redwood	Qualcomm	EchoStar	Verizon	Unlicensed	AT&T	Verizon	Sprint [18.5]
490	Minnesota 9 - Pipestone	Goodhue	Verizon	Redwood	Redwood	Qualcomm	EchoStar	Verizon	Unlicensed	AT&T	Verizon	Sprint [18.5]
490	Minnesota 9 - Pipestone	Jackson	Verizon	Redwood	Redwood	Qualcomm	EchoStar	Verizon	Unlicensed	AT&T	Verizon	Sprint [18.5]
490	Minnesota 9 - Pipestone	Martin	Verizon	Redwood	Redwood	Qualcomm	EchoStar	Verizon	Unlicensed	AT&T	Verizon	Sprint [18.5]
490	Minnesota 9 - Pipestone	Murray	Verizon	Redwood	Redwood	Qualcomm	EchoStar	Verizon	Unlicensed	AT&T	Verizon	Sprint [18.5]
490	Minnesota 9 - Pipestone	Nobles	Verizon	Redwood	Redwood	Qualcomm	EchoStar	Verizon	Unlicensed	AT&T	Verizon	Sprint [18.5]
490	Minnesota 9 - Pipestone	Pipestone	LL License Holdings	Redwood	Redwood	Qualcomm	EchoStar	Verizon	Unlicensed	AT&T	Verizon	Sprint [18.5]
490	Minnesota 9 - Pipestone	Rock	LL License Holdings	Redwood	Redwood	Qualcomm	EchoStar	Verizon	Unlicensed	AT&T	Verizon	Sprint [18.5]
490	Minnesota 9 - Pipestone	Watonwan	Verizon	Redwood	Redwood	Qualcomm	EchoStar	Verizon	Unlicensed	AT&T	Verizon	Sprint [18.5]
491	Minnesota 10 - Le Sueur	Blue Earth	Verizon	Redwood	Redwood	Qualcomm	EchoStar	Verizon	Unlicensed	AT&T	Verizon	Sprint [18.5]
491	Minnesota 10 - Le Sueur	Fairbault	Verizon	Redwood	Redwood	Qualcomm	EchoStar	Verizon	Unlicensed	AT&T	Verizon	Sprint [18.5]
491	Minnesota 10 - Le Sueur	Freeborn	Verizon	Redwood	Redwood	Qualcomm	EchoStar	Verizon	Unlicensed	AT&T	Verizon	Sprint [18.5]
491	Minnesota 10 - Le Sueur	Le Sueur	Verizon	Redwood	Redwood	Qualcomm	EchoStar	Verizon	Unlicensed	AT&T	Verizon	Sprint [18.5]
491	Minnesota 10 - Le Sueur	Rice	Verizon	Redwood	Redwood	Qualcomm	EchoStar	Verizon	Unlicensed	AT&T	Verizon	Sprint [18.5]
491	Minnesota 10 - Le Sueur	Steele	Verizon	Redwood	Redwood	Qualcomm	EchoStar	Verizon	Unlicensed	AT&T	Verizon	Sprint [18.5]
491	Minnesota 10 - Le Sueur	Waseca	Verizon	Redwood	Redwood	Qualcomm	EchoStar	Verizon	Unlicensed	AT&T	Verizon	Sprint [18.5]
523	Montana 1 - Lincoln	Flathead	CenturyTel	CenturyTel	Ronan Tel. Co.	Qualcomm	EchoStar	Verizon	Unlicensed	AT&T	Verizon	Sprint [16]
523	Montana 1 - Lincoln	Glacier	Bresnan	CenturyTel Broadband	Ronan Tel. Co.	Qualcomm	EchoStar	Verizon	Unlicensed	AT&T	Verizon	Sprint [18.25]
523	Montana 1 - Lincoln	Lake	CenturyTel	CenturyTel	Split: Ronan Tel. Co./Hot Springs	Qualcomm	EchoStar	Verizon	Unlicensed	AT&T	Verizon	Sprint [18.25]
523	Montana 1 - Lincoln	Lincoln	CenturyTel	CenturyTel	Ronan Tel. Co.	Qualcomm	EchoStar	Verizon	Unlicensed	AT&T	Verizon	Sprint [18.25]
523	Montana 1 - Lincoln	Pondera	Bresnan	CenturyTel	Ronan Tel. Co.	Qualcomm	EchoStar	Verizon	Unlicensed	AT&T	Verizon	Sprint [18.25]
523	Montana 1 - Lincoln	Sanders	CenturyTel	CenturyTel Broadband	Split: Ronan Tel. Co./Hot Springs	Qualcomm	EchoStar	Verizon	Unlicensed	AT&T	Excomm Verizon	Sprint [18.25]

**Appendix B  
Competitors Chart -- 700 MHz, Cellular, SMR**

CMA	Name	County	Lower 700 MHz A	Lower 700 MHz B	Lower 700 MHz C	Lower 700 MHz D	Lower 700 MHz E	Upper 700 MHz C	Upper 700 MHz D	Cellular A	Cellular B	SMR
523	Montana 1 - Lincoln	Teton	Bresnan	CenturyTel	Ronan Tel. Co.	Qualcomm	EchoStar	Verizon	Unlicensed	AT&T	Verizon	Sprint [18.25]
524	Montana 2 - Toole	Blaine	Bresnan	Triangle Comm'n System	Triangle Comm'n System	Qualcomm	EchoStar	Verizon	Unlicensed	AT&T	Triangle	Sprint [18.25]
524	Montana 2 - Toole	Chouteau	Bresnan	Triangle Comm'n System	Triangle Comm'n System	Qualcomm	EchoStar	Verizon	Unlicensed	AT&T	Verizon	Sprint [18.25]
524	Montana 2 - Toole	Hill	Bresnan	Triangle Comm'n System	Triangle Comm'n System	Qualcomm	EchoStar	Verizon	Unlicensed	AT&T	Verizon	Sprint [18.25]
524	Montana 2 - Toole	Liberty	Bresnan	Triangle Comm'n System	Triangle Comm'n System	Qualcomm	EchoStar	Verizon	Unlicensed	AT&T	Triangle	Sprint [18.25]
524	Montana 2 - Toole	Toole	Bresnan	Triangle Comm'n System	Triangle Comm'n System	Qualcomm	EchoStar	Verizon	Unlicensed	AT&T	Verizon	Sprint [18.25]
526	Montana 4 - Daniels	Daniels	Bresnan	Mid-Rivers Telephone	Nemont Communications	Qualcomm	EchoStar	Verizon	Unlicensed	AT&T	Cable & Communications	Sprint [18.25]
526	Montana 4 - Daniels	Gawson	Bresnan	Mid-Rivers Telephone	Cable & Communications	Qualcomm	EchoStar	Verizon	Unlicensed	AT&T	Verizon Cable & Comm.	Sprint [18.25]
526	Montana 4 - Daniels	McCone	Bresnan	Mid-Rivers Telephone	Cable & Communications	Qualcomm	EchoStar	Verizon	Unlicensed	AT&T	Sagebrush Cable & Comm.	Sprint [18.25]
526	Montana 4 - Daniels	Richland	Bresnan	Mid-Rivers Telephone	Cable & Communications	Qualcomm	EchoStar	Verizon	Unlicensed	AT&T	Verizon Cable & Comm.	Sprint [18.25]
526	Montana 4 - Daniels	Roosevelt	Bresnan	Mid-Rivers Telephone	Nemont Communications	Qualcomm	EchoStar	Verizon	Unlicensed	AT&T	Cable & Communications	Sprint [18.25]
526	Montana 4 - Daniels	Sheridan	Bresnan	Mid-Rivers Telephone	Nemont Communications	Qualcomm	EchoStar	Verizon	Unlicensed	AT&T	Cable & Communications	Sprint [18.25]
526	Montana 4 - Daniels	Wibaux	LL License Holdings	Mid-Rivers Telephone	Cable & Communications	Qualcomm	EchoStar	Verizon	Unlicensed	AT&T	Comnet	Sprint [18.25]
527	Montana 5 - Mineral	Granite	CenturyTel	Bresnan Comm	Ronan Tel. Co.	Qualcomm	EchoStar	Verizon	Unlicensed	AT&T	Verizon	Sprint [18.25]
527	Montana 5 - Mineral	Lewis and Clark	CenturyTel	Bresnan Comm	Ronan Tel. Co.	Qualcomm	EchoStar	Verizon	Unlicensed	AT&T	Verizon	Sprint [18.25]
527	Montana 5 - Mineral	Mineral	CenturyTel	Bresnan Comm	Ronan Tel. Co.	Qualcomm	EchoStar	Verizon	Unlicensed	AT&T	Verizon	Sprint [18.25]
527	Montana 5 - Mineral	Missoula	CenturyTel	Bresnan Comm	Ronan Tel. Co.	Qualcomm	EchoStar	Verizon	Unlicensed	AT&T	Verizon	Sprint [18.25]
527	Montana 5 - Mineral	Powell	CenturyTel	Bresnan Comm	Ronan Tel. Co.	Qualcomm	EchoStar	Verizon	Unlicensed	AT&T	Verizon	Sprint [18.25]
527	Montana 5 - Mineral	Ravalli	CenturyTel	Bresnan Comm	Ronan Tel. Co.	Qualcomm	EchoStar	Verizon	Unlicensed	AT&T	Verizon	Sprint [18.25]
528	Montana 6 - Deer Lodge	Broadwater	CenturyTel	Triangle Comm'n System	Triangle Comm'n System	Qualcomm	EchoStar	Verizon	Unlicensed	AT&T	Verizon	Sprint [18.25]
528	Montana 6 - Deer Lodge	Deer Lodge	CenturyTel	Triangle Comm'n System	Triangle Comm'n System	Qualcomm	EchoStar	Verizon	Unlicensed	AT&T	Verizon	Sprint [18.25]
528	Montana 6 - Deer Lodge	Jefferson	CenturyTel	Triangle Comm'n System	Triangle Comm'n System	Qualcomm	EchoStar	Verizon	Unlicensed	AT&T	Verizon	Sprint [18.25]
528	Montana 6 - Deer Lodge	Judith Basin	Bresnan	Triangle Comm'n System	Triangle Comm'n System	Qualcomm	EchoStar	Verizon	Unlicensed	AT&T	Verizon	Sprint [18.25]
528	Montana 6 - Deer Lodge	Meagher	Bresnan	Triangle Comm'n System	Triangle Comm'n System	Qualcomm	EchoStar	Verizon	Unlicensed	AT&T	Excomm	Sprint [18.25]
528	Montana 6 - Deer Lodge	Silver Bow	CenturyTel	Triangle Comm'n System	Triangle Comm'n System	Qualcomm	EchoStar	Verizon	Unlicensed	AT&T	Verizon	Sprint [18.25]

Appendix B  
Competitors Chart – 700 MHz, Cellular, SMR

CMA	Name	County	Lower 700 MHz A	Lower 700 MHz B	Lower 700 MHz C	Lower 700 MHz D	Lower 700 MHz E	Upper 700 MHz C	Upper 700 MHz D	Cellular A	Cellular B	SMR
528	Montana 6 - Deer Lodge	Wheatland	Bresnan	Triangle Comm'n System	Triangle Comm'n System	Qualcomm	EchoStar	Verizon	Unlicensed	AT&T	Verizon	Sprint [18.25]
529	Montana 7 - Fergus	Fergus	Bresnan	Verizon	Triangle Comm'n System	Qualcomm	EchoStar	Verizon	Unlicensed	AT&T	Verizon	Sprint [18.25]
529	Montana 7 - Fergus	Golden Valley	Bresnan	Verizon	Triangle Comm'n System	Qualcomm	EchoStar	Verizon	Unlicensed	AT&T	Verizon	Sprint [18.25]
529	Montana 7 - Fergus	Musselshell	Bresnan	Verizon	Triangle Comm'n System	Qualcomm	EchoStar	Verizon	Unlicensed	AT&T	Verizon	Sprint [18.25]
529	Montana 7 - Fergus	Patrolaun	Bresnan	Verizon	Triangle Comm'n System	Qualcomm	EchoStar	Verizon	Unlicensed	AT&T	Verizon	Sprint [18.25]
529	Montana 7 - Fergus	Stillwater	Bresnan	Verizon	Triangle Comm'n System	Qualcomm	EchoStar	Verizon	Unlicensed	AT&T	Verizon	Sprint [18.25]
529	Montana 7 - Fergus	Sweet Grass	Bresnan	Verizon	Triangle Comm'n System	Qualcomm	EchoStar	Verizon	Unlicensed	AT&T	Verizon	Sprint [18.25]
530	Montana 8 - Beaverhead	Beaverhead	CenturyTel	Verizon	Ronan Tel. Co.	Qualcomm	EchoStar	Verizon	Unlicensed	AT&T	Verizon	Sprint [18.25]
530	Montana 8 - Beaverhead	Gallatin	Bresnan	Verizon	Ronan Tel. Co.	Qualcomm	EchoStar	Verizon	Unlicensed	AT&T	Verizon	Sprint [18.25]
530	Montana 8 - Beaverhead	Madison	Bresnan	Verizon	Ronan Tel. Co.	Qualcomm	EchoStar	Verizon	Unlicensed	AT&T	Verizon	Sprint [18.25]
530	Montana 8 - Beaverhead	Park	Bresnan	Verizon	Ronan Tel. Co.	Qualcomm	EchoStar	Verizon	Unlicensed	AT&T	Verizon	Sprint [18.25]
531	Montana 9 - Carbon	Big Horn	Bresnan	Verizon	Nemont Communications	Qualcomm	EchoStar	Verizon	Unlicensed	AT&T	Verizon	Sprint [18.25]
531	Montana 9 - Carbon	Carbon	Bresnan	Verizon	Nemont Communications	Qualcomm	EchoStar	Verizon	Unlicensed	AT&T	Verizon	Sprint [18.25]
531	Montana 9 - Carbon	Rosebud	Bresnan	Verizon	Nemont Communications	Qualcomm	EchoStar	Verizon	Unlicensed	AT&T	Verizon	Sprint [18.25]
531	Montana 9 - Carbon	Treasure	Bresnan	Verizon	Nemont Communications	Qualcomm	EchoStar	Verizon	Unlicensed	AT&T	Verizon	Sprint [18.25]
532	Montana 10 - Prairie	Carter	LL License Holdings	Mid-Rivers Telephone	Cable & Communications	Qualcomm	EchoStar	Verizon	Unlicensed	AT&T	Cable & Communications	Sprint [18.25]
532	Montana 10 - Prairie	Custer	Bresnan	Mid-Rivers Telephone	Cable & Communications	Qualcomm	EchoStar	Verizon	Unlicensed	AT&T	Verizon Cable & Comm.	Sprint [18.25]
532	Montana 10 - Prairie	Fallon	Bresnan	Mid-Rivers Telephone	Cable & Communications	Qualcomm	EchoStar	Verizon	Unlicensed	AT&T	Cable & Communications	Sprint [18.25]
532	Montana 10 - Prairie	Powder River	Bresnan	Mid-Rivers Telephone	Cable & Communications	Qualcomm	EchoStar	Verizon	Unlicensed	Cyberminutes.com AT&T	Cable & Communications	Sprint [18.25]
532	Montana 10 - Prairie	Prairie	Bresnan	Mid-Rivers Telephone	Cable & Communications	Qualcomm	EchoStar	Verizon	Unlicensed	AT&T	Verizon	Sprint [18.25]
537	Nebraska 5 - Boone	Boone	Cox Wireless	US Cellular	Northeast Nebraska Tel. Co.	Qualcomm	EchoStar	Verizon	Unlicensed	US Cellular	Verizon	Sprint [16.5]
537	Nebraska 5 - Boone	Butler	Cox Wireless	US Cellular	Northeast Nebraska Tel. Co.	Qualcomm	EchoStar	Verizon	Unlicensed	US Cellular	Verizon	Sprint [16.5]
537	Nebraska 5 - Boone	Colfax	Cox Wireless	US Cellular	Northeast Nebraska Tel. Co.	Qualcomm	EchoStar	Verizon	Unlicensed	US Cellular	Verizon	Sprint [16.5]
537	Nebraska 5 - Boone	Dodge	Cox Wireless	US Cellular	Northeast Nebraska Tel. Co.	Qualcomm	EchoStar	Verizon	Unlicensed	US Cellular	Verizon	Sprint [16.5]
537	Nebraska 5 - Boone	Memck	US Cellular	US Cellular	Northeast Nebraska Tel. Co.	Qualcomm	EchoStar	Verizon	Unlicensed	US Cellular	Verizon	Sprint [16.5]

**Appendix B  
Competitors Chart – 700 MHz, Cellular, SMR**

CMA	Name	County	Lower 700 MHz A	Lower 700 MHz B	Lower 700 MHz C	Lower 700 MHz D	Lower 700 MHz E	Upper 700 MHz C	Upper 700 MHz D	Cellular A	Cellular B	SMR
537	Nabraska 5 - Boone	Nanca	Cox Wireless	US Cellular	Northeast Nebraska Tel. Co.	Qualcomm	EchoStar	Verizon	Unlicensed	US Cellular	Verizon	Sprint [16.5]
537	Nabraska 5 - Boone	Platte	Cox Wireless	US Cellular	Northeast Nebraska Tel. Co.	Qualcomm	EchoStar	Verizon	Unlicensed	US Cellular	Verizon	Sprint [16.5]
537	Nabraska 5 - Boone	Polk	Cox Wireless	US Cellular	Northeast Nebraska Tel. Co.	Qualcomm	EchoStar	Verizon	Unlicensed	US Cellular	Verizon	Sprint [16.5]
537	Nabraska 5 - Boone	Saunders	Cox Wireless	US Cellular	Northeast Nebraska Tel. Co.	Qualcomm	EchoStar	Verizon	Unlicensed	US Cellular	Verizon	Sprint [16.5]
537	Nabraska 5 - Boone	Washington	Cox Wireless	US Cellular	Northeast Nebraska Tel. Co.	Qualcomm	EchoStar	Verizon	Unlicensed	US Cellular	Verizon	Sprint [16.5]
544	Nevada 2 - Lender	Elko	Triad 700	SAL Spectrum	AT&T	Qualcomm	EchoStar	Verizon	Unlicensed	AT&T	Verizon	Sprint [18.5]
544	Nevada 2 - Lander	Eureka	Triad 700	SAL Spectrum	AT&T	Qualcomm	EchoStar	Verizon	Unlicensed	AT&T	Verizon	Sprint [18.5]
544	Nevada 2 - Lander	Lender	Triad 700	SAL Spectrum	AT&T	Qualcomm	EchoStar	Verizon	Unlicensed	AT&T	Verizon	Sprint [18.5]
547	Nevada 5 - White Pine	Lincoln	Cox	WUE	AT&T	Qualcomm	EchoStar	Verizon	Unlicensed	AT&T	WUE, Inc.	Sprint [17.25]
547	Nevada 5 - White Pine	White Pine	Triad 700	WUE	AT&T	Qualcomm	EchoStar	Verizon	Unlicensed	AT&T	Verizon	Sprint [17]
553	New Mexico 1 - San Juan	Cibola	Continuum 700	AT&T	Lynch 3G Communications	Qualcomm	EchoStar	Verizon	Unlicensed	Smith Bagley AT&T	Verizon	Sprint [18.25]
553	New Mexico 1 - San Juan	McKinley	Continuum 700	AT&T	Lynch 3G Communications	Qualcomm	EchoStar	Verizon	Unlicensed	Smith Bagley AT&T	Verizon	Sprint [18.25]
553	New Mexico 1 - San Juan	Rio Arriba	SAL Spectrum	AT&T	Lynch 3G Communications	Qualcomm	EchoStar	Verizon	Unlicensed	Smith Bagley AT&T	Excomm Verizon	Sprint [18.25]
553	New Mexico 1 - San Juan	San Juan	CenturyTel	AT&T	Lynch 3G Communications	Qualcomm	EchoStar	Verizon	Unlicensed	AT&T	Verizon	Sprint [18.25]
553	New Mexico 1 - San Juan	Taos	SAL Spectrum	AT&T	Lynch 3G Communications	Qualcomm	EchoStar	Verizon	Unlicensed	AT&T	Excomm Verizon	Sprint [18.25]
557	New Mexico 5 - Grant	Grant	Cox	Verizon	Lynch 3G Communications	Qualcomm	EchoStar	Verizon	Unlicensed	AT&T	Verizon	Sprint [16.25]
557	New Mexico 5 - Grant	Hidalgo	Cox	Verizon	Lynch 3G Communications	Qualcomm	EchoStar	Verizon	Unlicensed	AT&T	Verizon	Sprint [16.25]
557	New Mexico 5 - Grant	Luna	Cox	Verizon	Lynch 3G Communications	Qualcomm	EchoStar	Verizon	Unlicensed	AT&T	Verizon	Sprint [16.25]
558	New Mexico 6 - Lincoln	Cheves	PVT Networks	Verizon	PVT Networks	Qualcomm	EchoStar	Verizon	Unlicensed	AT&T	Leaco Plateau	Sprint [18.25]
558	New Mexico 6 - Lincoln	Eddy	PVT Networks	Verizon	PVT Networks	Qualcomm	EchoStar	Verizon	Unlicensed	AT&T	Plateau	Sprint [18.25]
558	New Mexico 6 - Lincoln	Lee	PVT Networks	Verizon	PVT Networks	Qualcomm	EchoStar	Verizon	Unlicensed	AT&T	Leaco	Sprint [18]
558	New Mexico 6 - Lincoln	Lincoln	Miller, David	Verizon	PVT Networks	Qualcomm	EchoStar	Verizon	Unlicensed	AT&T	Plateau Verizon	Sprint [18.25]
558	New Mexico 6 - Lincoln	Quero	Miller, David	Verizon	PVT Networks	Qualcomm	EchoStar	Verizon	Unlicensed	AT&T	Verizon	Sprint [16.25]
580	North Dakota 1 - Divide	Burke	LL License Holdings	AT&T	Nemont Communications	Qualcomm	EchoStar	Verizon	Unlicensed	AT&T	Verizon	Sprint [18.5]
580	North Dakota 1 - Divide	Divide	LL License Holdings	AT&T	Nemont Communications	Qualcomm	EchoStar	Verizon	Unlicensed	AT&T	Verizon	Sprint [18.5]

**Appendix B  
Competitors Chart – 700 MHz, Cellular, SMR**

CMA	Name	County	Lower 700 MHz A	Lower 700 MHz B	Lower 700 MHz C	Lower 700 MHz D	Lower 700 MHz E	Upper 700 MHz C	Upper 700 MHz D	Cellular A	Cellular B	SMR
580	North Dakota 1 - Divide	McLean	LL License Holdings	AT&T	Nemont Communications	Qualcomm	EchoStar	Verizon	Unlicensed	AT&T	Verizon	Sprint [18.5]
580	North Dakota 1 - Divide	Mountrail	LL License Holdings	AT&T	Nemont Communications	Qualcomm	EchoStar	Verizon	Unlicensed	AT&T	Verizon	Sprint [18.5]
580	North Dakota 1 - Divide	Renville	LL License Holdings	AT&T	Nemont Communications	Qualcomm	EchoStar	Verizon	Unlicensed	AT&T	Verizon	Sprint [18.5]
580	North Dakota 1 - Divide	Ward	LL License Holdings	AT&T	Nemont Communications	Qualcomm	EchoStar	Verizon	Unlicensed	AT&T	Verizon	Sprint [18.5]
580	North Dakota 1 - Divide	Williams	LL License Holdings	AT&T	Nemont Communications	Qualcomm	EchoStar	Verizon	Unlicensed	AT&T	Verizon	Sprint [18.5]
581	North Dakota 2 - Bottineau	Benson	Kurian, Thomas K	Iowa Integra	SRT Communications	Qualcomm	EchoStar	Verizon	Unlicensed	AT&T	Verizon	Sprint [16.25]
581	North Dakota 2 - Bottineau	Bottineau	LL License Holdings	Iowa Integra	SRT Communications	Qualcomm	EchoStar	Verizon	Unlicensed	AT&T	Verizon	Sprint [18.5]
581	North Dakota 2 - Bottineau	Cavalier	Kurian, Thomas K	Iowa Integra	Polar Communications	Qualcomm	EchoStar	Verizon	Unlicensed	AT&T	Verizon	Sprint [16.25]
581	North Dakota 2 - Bottineau	McHenry	LL License Holdings	Iowa Integra	SRT Communications	Qualcomm	EchoStar	Verizon	Unlicensed	AT&T	Excomm Verizon	Sprint [18.5]
581	North Dakota 2 - Bottineau	Pierce	Kurian, Thomas K	Iowa Integra	SRT Communications	Qualcomm	EchoStar	Verizon	Unlicensed	AT&T	Verizon	Sprint [18.5]
581	North Dakota 2 - Bottineau	Ramsey	Kurian, Thomas K	Iowa Integra	Polar Communications	Qualcomm	EchoStar	Verizon	Unlicensed	AT&T	Verizon	Sprint [16.25]
581	North Dakota 2 - Bottineau	Rolette	Kurian, Thomas K	Iowa Integra	SRT Communications	Qualcomm	EchoStar	Verizon	Unlicensed	AT&T	Verizon	Sprint [18.5]
581	North Dakota 2 - Bottineau	Towner	Kurian, Thomas K	Iowa Integra	SRT Communications	Qualcomm	EchoStar	Verizon	Unlicensed	AT&T	Verizon	Sprint [16.25]
582	North Dakota 3 - Barnes	Barnes	Kurian, Thomas K	Dickey	Dickey	Qualcomm	EchoStar	Verizon	Unlicensed	AT&T	Verizon	Sprint [18.5]
582	North Dakota 3 - Barnes	Dickey	Kurian, Thomas K	Dickey	Dickey	Qualcomm	EchoStar	Verizon	Unlicensed	AT&T	Verizon	Sprint [18.5]
582	North Dakota 3 - Barnes	Griggs	Kurian, Thomas K	Polar Communications	Polar Communications	Qualcomm	EchoStar	Verizon	Unlicensed	AT&T	Verizon	Sprint [18.5]
582	North Dakota 3 - Barnes	LaMoure	Kurian, Thomas K	Dickey	Dickey	Qualcomm	EchoStar	Verizon	Unlicensed	AT&T	Verizon	Sprint [18.5]
582	North Dakota 3 - Barnes	Nelson	Kurian, Thomas K	Polar Communications	Polar Communications	Qualcomm	EchoStar	Verizon	Unlicensed	AT&T	Verizon	Sprint [16.25]
582	North Dakota 3 - Barnes	Pembina	Kurian, Thomas K	Polar Communications	Polar Communications	Qualcomm	EchoStar	Verizon	Unlicensed	AT&T	Verizon	Sprint [16.25]
582	North Dakota 3 - Barnes	Ransom	Kurian, Thomas K	Dickey	Dickey	Qualcomm	EchoStar	Verizon	Unlicensed	AT&T	Verizon	Sprint [18.5]
582	North Dakota 3 - Barnes	Richland	Kurian, Thomas K	Red River Telephone Assoc.	Red River Telephone Assoc.	Qualcomm	EchoStar	Verizon	Unlicensed	AT&T	Verizon	Sprint [18.5]
582	North Dakota 3 - Barnes	Sargent	Kurian, Thomas K	Dickey	Dickey	Qualcomm	EchoStar	Verizon	Unlicensed	AT&T	Verizon	Sprint [18.5]
582	North Dakota 3 - Barnes	Steele	Kurian, Thomas K	Polar Communications	Polar Communications	Qualcomm	EchoStar	Verizon	Unlicensed	AT&T	Verizon	Sprint [18.5]
582	North Dakota 3 - Barnes	Trill	Kurian, Thomas K	Polar Communications	Polar Communications	Qualcomm	EchoStar	Verizon	Unlicensed	AT&T	Verizon	Sprint [18.5]
582	North Dakota 3 - Barnes	Walsh	Kurian, Thomas K	Polar Communications	Polar Communications	Qualcomm	EchoStar	Verizon	Unlicensed	AT&T	Verizon	Sprint [16.25]



Appendix B  
Competitors Chart – 700 MHz, Cellular, SMR

CMA	Name	County	Lower 700 MHz A	Lower 700 MHz B	Lower 700 MHz C	Lower 700 MHz D	Lower 700 MHz E	Upper 700 MHz C	Upper 700 MHz D	Cellular A	Cellular B	SMR
583	North Dakota 4 - McKenzie	Adams	LL License Holdings	KTC AWS Ltd.	Split: West River Telecom.	Qualcomm	EchoStar	Verizon	Unlicensed	AT&T	Verizon	Sprint [18.5]
583	North Dakota 4 - McKenzie	Billings	LL License Holdings	KTC AWS Ltd.	Kennebec Telephone Co.	Qualcomm	EchoStar	Verizon	Unlicensed	AT&T	Verizon	Sprint [18.5]
583	North Dakota 4 - McKenzie	Bowman	LL License Holdings	KTC AWS Ltd.	Kennebec Telephone Co.	Qualcomm	EchoStar	Verizon	Unlicensed	AT&T	Verizon	Sprint [18.5]
583	North Dakota 4 - McKenzie	Dunn	LL License Holdings	KTC AWS Ltd.	Split: West River Telecom.	Qualcomm	EchoStar	Verizon	Unlicensed	AT&T	Verizon	Sprint [18.5]
583	North Dakota 4 - McKenzie	Golden Valley	LL License Holdings	KTC AWS Ltd.	Kennebec Telephone Co.	Qualcomm	EchoStar	Verizon	Unlicensed	AT&T	Verizon	Sprint [18.5]
583	North Dakota 4 - McKenzie	Grant	LL License Holdings	KTC AWS Ltd.	Split: West River Telecom.	Qualcomm	EchoStar	Verizon	Unlicensed	AT&T	Verizon	Sprint [18.5]
583	North Dakota 4 - McKenzie	Hettinger	LL License Holdings	KTC AWS Ltd.	Split: West River Telecom.	Qualcomm	EchoStar	Verizon	Unlicensed	AT&T	Verizon	Sprint [18.5]
583	North Dakota 4 - McKenzie	McKenzie	LL License Holdings	KTC AWS Ltd.	Kennebec Telephone Co.	Qualcomm	EchoStar	Verizon	Unlicensed	AT&T	Verizon	Sprint [18.5]
583	North Dakota 4 - McKenzie	Mercer	LL License Holdings	KTC AWS Ltd.	West River Telecom. Coop.	Qualcomm	EchoStar	Verizon	Unlicensed	AT&T	Verizon	Sprint [18.5]
583	North Dakota 4 - McKenzie	Oliver	LL License Holdings	KTC AWS Ltd.	West River Telecom. Coop.	Qualcomm	EchoStar	Verizon	Unlicensed	AT&T	Verizon	Sprint [18.5]
583	North Dakota 4 - McKenzie	Sioux	LL License Holdings	KTC AWS Ltd.	Split: West River Telecom.	Qualcomm	EchoStar	Verizon	Unlicensed	AT&T	Verizon	Sprint [18.5]
583	North Dakota 4 - McKenzie	Slope	LL License Holdings	KTC AWS Ltd.	Kennebec Telephone Co.	Qualcomm	EchoStar	Verizon	Unlicensed	AT&T	Verizon	Sprint [18.5]
583	North Dakota 4 - McKenzie	Stark	LL License Holdings	KTC AWS Ltd.	Split: West River Telecom.	Qualcomm	EchoStar	Verizon	Unlicensed	AT&T	Verizon	Sprint [18.5]
584	North Dakota 5 - Kidder	Eddy	Kurian, Thomas K	Dakota Central Telecom. Coop.	Dakota Central Telecom. Coop.	Qualcomm	EchoStar	Verizon	Unlicensed	AT&T	Verizon	Sprint [18.5]
584	North Dakota 5 - Kidder	Emmons	LL License Holdings	BEK Communications	BEK Communications	Qualcomm	EchoStar	Verizon	Unlicensed	AT&T	Verizon	Sprint [18.5]
584	North Dakota 5 - Kidder	Foslar	Kurian, Thomas K	Dakota Central Telecom. Coop.	Dakota Central Telecom. Coop.	Qualcomm	EchoStar	Verizon	Unlicensed	AT&T	Verizon	Sprint [18.5]
584	North Dakota 5 - Kidder	Kidder	LL License Holdings	BEK Communications	Split: Dakota Central Telecom.	Qualcomm	EchoStar	Verizon	Unlicensed	AT&T	Verizon	Sprint [18.5]
584	North Dakota 5 - Kidder	Logan	LL License Holdings	BEK Communications	Split: Dakota Central Telecom.	Qualcomm	EchoStar	Verizon	Unlicensed	AT&T	Verizon	Sprint [18.5]
584	North Dakota 5 - Kidder	McIntosh	LL License Holdings	BEK Communications	BEK Communications	Qualcomm	EchoStar	Verizon	Unlicensed	AT&T	Excomm	Sprint [18.5]
584	North Dakota 5 - Kidder	Sheridan	Kurian, Thomas K	BEK Communications	BEK Communications	Qualcomm	EchoStar	Verizon	Unlicensed	AT&T	Excomm	Sprint [18.5]
584	North Dakota 5 - Kidder	Stutsman	Kurian, Thomas K	Dakota Central Telecom. Coop.	Split: Dakota Central Telecom.	Qualcomm	EchoStar	Verizon	Unlicensed	AT&T	Verizon	Sprint [18.5]
584	North Dakota 5 - Kidder	Wells	Kurian, Thomas K	Dakota Central Telecom. Coop.	Split: Dakota Central Telecom.	Qualcomm	EchoStar	Verizon	Unlicensed	AT&T	Verizon	Sprint [18.5]
634	South Dakota 1 - Harding	Butte	LL License Holdings	Verizon	Kennebec Telephone Co.	Qualcomm	EchoStar	Verizon	Unlicensed	AT&T	Verizon	Sprint [16.5]
634	South Dakota 1 - Harding	Harding	LL License Holdings	Verizon	Kennebec Telephone Co.	Qualcomm	EchoStar	Verizon	Unlicensed	AT&T	Verizon	Sprint [16.5]
634	South Dakota 1 - Harding	Lawrence	LL License Holdings	Verizon	Kennebec Telephone Co.	Qualcomm	EchoStar	Verizon	Unlicensed	AT&T	Verizon	Sprint [16.5]

**Appendix B  
Competitors Chart – 700 MHz, Cellular, SMR**

CMA	Name	County	Lower 700 MHz A	Lower 700 MHz B	Lower 700 MHz C	Lower 700 MHz D	Lower 700 MHz E	Upper 700 MHz C	Upper 700 MHz D	Cellular A	Cellular B	SMR
634	South Dakota 1 - Harding	Perkins	LL License Holdings	Verizon	Kennebec Telephone Co.	Qualcomm	EchoStar	Verizon	Unlicensed	AT&T	Verizon	Sprint [16.5]
635	South Dakota 2 - Corson	Campbell	James Valley	Iowa Integra	Kennebec Telephone Co.	Qualcomm	EchoStar	Verizon	Unlicensed	AT&T	Verizon	Sprint [18.5]
635	South Dakota 2 - Corson	Corson	LL License Holdings	Iowa Integra	Kennebec Telephone Co.	Qualcomm	EchoStar	Verizon	Unlicensed	AT&T	Verizon	Sprint [18.5]
635	South Dakota 2 - Corson	Dewey	James Valley	Iowa Integra	Kennebec Telephone Co.	Qualcomm	EchoStar	Verizon	Unlicensed	AT&T	Verizon	Sprint [18.5]
635	South Dakota 2 - Corson	Potter	James Valley	Iowa Integra	Kennebec Telephone Co.	Qualcomm	EchoStar	Verizon	Unlicensed	AT&T	Verizon	Sprint [18.5]
635	South Dakota 2 - Corson	Welworth	James Valley	Iowa Integra	Kennebec Telephone Co.	Qualcomm	EchoStar	Verizon	Unlicensed	AT&T	Verizon	Sprint [18.5]
635	South Dakota 2 - Corson	Ziebach	James Valley	Iowa Integra	Kennebec Telephone Co.	Qualcomm	EchoStar	Verizon	Unlicensed	AT&T	Verizon	Sprint [18.5]
636	South Dakota 3 - McPherson	Brown	James Valley	KTC AWS Ltd.	Kennebec Telephone Co.	Qualcomm	EchoStar	Verizon	Unlicensed	AT&T	Verizon	Sprint [18.5]
636	South Dakota 3 - McPherson	Edmunds	James Valley	KTC AWS Ltd.	Kennebec Telephone Co.	Qualcomm	EchoStar	Verizon	Unlicensed	AT&T	Verizon	Sprint [18.5]
636	South Dakota 3 - McPherson	Faulk	James Valley	KTC AWS Ltd.	Kennebec Telephone Co.	Qualcomm	EchoStar	Verizon	Unlicensed	AT&T	Verizon	Sprint [18.5]
636	South Dakota 3 - McPherson	McPherson	James Valley	KTC AWS Ltd.	Kennebec Telephone Co.	Qualcomm	EchoStar	Verizon	Unlicensed	AT&T	Verizon	Sprint [18.5]
636	South Dakota 3 - McPherson	Spink	James Valley	KTC AWS Ltd.	Kennebec Telephone Co.	Qualcomm	EchoStar	Verizon	Unlicensed	AT&T	Verizon	Sprint [18.5]
637	South Dakota 4 - Marshall	Clark	LL License Holdings	AT&T	Kennebec Telephone Co.	Qualcomm	EchoStar	Verizon	Unlicensed	AT&T	Verizon	Sprint [18.5]
637	South Dakota 4 - Marshall	Codington	LL License Holdings	AT&T	Kennebec Telephone Co.	Qualcomm	EchoStar	Verizon	Unlicensed	AT&T	Verizon	Sprint [18.5]
637	South Dakota 4 - Marshall	Day	James Valley	AT&T	Kennebec Telephone Co.	Qualcomm	EchoStar	Verizon	Unlicensed	AT&T	Verizon	Sprint [18.5]
637	South Dakota 4 - Marshall	Deuel	LL License Holdings	AT&T	Kennebec Telephone Co.	Qualcomm	EchoStar	Verizon	Unlicensed	AT&T	Verizon	Sprint [18.5]
637	South Dakota 4 - Marshall	Grant	LL License Holdings	AT&T	Kennebec Telephone Co.	Qualcomm	EchoStar	Verizon	Unlicensed	AT&T	Verizon	Sprint [18.5]
637	South Dakota 4 - Marshall	Hamlin	LL License Holdings	AT&T	Kennebec Telephone Co.	Qualcomm	EchoStar	Verizon	Unlicensed	AT&T	Verizon	Sprint [18.5]
637	South Dakota 4 - Marshall	Marshall	James Valley	AT&T	Kennebec Telephone Co.	Qualcomm	EchoStar	Verizon	Unlicensed	AT&T	Verizon	Sprint [18.5]
637	South Dakota 4 - Marshall	Roberts	LL License Holdings	AT&T	Kennebec Telephone Co.	Qualcomm	EchoStar	Verizon	Unlicensed	AT&T	Verizon	Sprint [18.5]
638	South Dakota 5 - Custer	Custer	LL License Holdings	N.E. Colorado	Kennebec Telephone Co.	Qualcomm	EchoStar	Verizon	Unlicensed	AT&T	Verizon	Sprint [16.5]
638	South Dakota 5 - Custer	Fall River	LL License Holdings	N.E. Colorado	Kennebec Telephone Co.	Qualcomm	EchoStar	Verizon	Unlicensed	NE Colorado Cellular	Verizon	Sprint [16.5]
638	South Dakota 5 - Custer	Shannon	LL License Holdings	N.E. Colorado	Kennebec Telephone Co.	Qualcomm	EchoStar	Verizon	Unlicensed	AT&T	Verizon	Sprint [16.5]
639	South Dakota 6 - Haakon	Bennett	LL License Holdings	N.E. Colorado	Kennebec Telephone Co.	Qualcomm	EchoStar	Verizon	Unlicensed	AT&T	Verizon	Sprint [16.5]
639	South Dakota 6 - Haakon	Gregory	LL License Holdings	N.E. Colorado	Kennebec Telephone Co.	Qualcomm	EchoStar	Verizon	Unlicensed	AT&T	Verizon	Sprint [16.5]

**Appendix B  
Competitors Chart -- 700 MHz, Cellular, SMR**

CMA	Name	County	Lower 700 MHz A	Lower 700 MHz B	Lower 700 MHz C	Lower 700 MHz D	Lower 700 MHz E	Upper 700 MHz C	Upper 700 MHz D	Cellular A	Cellular B	SMR
639	South Dakota 6 - Haakon	Haakon	LL License Holdings	N.E. Colorado	Kennebec Telephone Co.	Qualcomm	EchoStar	Verizon	Unlicensed	AT&T	Verizon	Sprint [18.5]
639	South Dakota 6 - Haakon	Jackson	LL License Holdings	N.E. Colorado	Kennebec Telephone Co.	Qualcomm	EchoStar	Verizon	Unlicensed	AT&T	Verizon	Sprint [18.5]
639	South Dakota 6 - Haakon	Jones	LL License Holdings	N.E. Colorado	Kennebec Telephone Co.	Qualcomm	EchoStar	Verizon	Unlicensed	AT&T	Verizon	Sprint [18.5]
639	South Dakota 6 - Haakon	Lyman	LL License Holdings	N.E. Colorado	Kennebec Telephone Co.	Qualcomm	EchoStar	Verizon	Unlicensed	AT&T	Verizon	Sprint [18.5]
639	South Dakota 6 - Haakon	Mellette	LL License Holdings	N.E. Colorado	Kennebec Telephone Co.	Qualcomm	EchoStar	Verizon	Unlicensed	AT&T	Verizon	Sprint [18.5]
639	South Dakota 6 - Haakon	Stanley	LL License Holdings	N.E. Colorado	Kennebec Telephone Co.	Qualcomm	EchoStar	Verizon	Unlicensed	AT&T	Verizon	Sprint [18.5]
639	South Dakota 6 - Haakon	Todd	LL License Holdings	N.E. Colorado	Kennebec Telephone Co.	Qualcomm	EchoStar	Verizon	Unlicensed	AT&T	Verizon	Sprint [18.5]
639	South Dakota 6 - Haakon	Tripp	LL License Holdings	N.E. Colorado	Kennebec Telephone Co.	Qualcomm	EchoStar	Verizon	Unlicensed	AT&T	Verizon	Sprint [18.5]
640	South Dakota 7 - Sully	Aurora	LL License Holdings	Iowa Intelagra	Kennebec Telephone Co.	Qualcomm	EchoStar	Verizon	Unlicensed	AT&T	Verizon	Sprint [18.5]
640	South Dakota 7 - Sully	Brule	LL License Holdings	Iowa Intelagra	Kennebec Telephone Co.	Qualcomm	EchoStar	Verizon	Unlicensed	AT&T	Verizon	Sprint [18.5]
640	South Dakota 7 - Sully	Buffalo	LL License Holdings	Iowa Intelagra	Kennebec Telephone Co.	Qualcomm	EchoStar	Verizon	Unlicensed	AT&T	Verizon	Sprint [18.5]
640	South Dakota 7 - Sully	Charles Mix	LL License Holdings	Iowa Intelagra	Kennebec Telephone Co.	Qualcomm	EchoStar	Verizon	Unlicensed	AT&T	Verizon	Sprint [18.5]
640	South Dakota 7 - Sully	DeVos	LL License Holdings	Iowa Intelagra	Kennebec Telephone Co.	Qualcomm	EchoStar	Verizon	Unlicensed	AT&T	Verizon	Sprint [18.5]
640	South Dakota 7 - Sully	Douglas	LL License Holdings	Iowa Intelagra	Kennebec Telephone Co.	Qualcomm	EchoStar	Verizon	Unlicensed	AT&T	Verizon	Sprint [18.5]
640	South Dakota 7 - Sully	Hand	LL License Holdings	Iowa Intelagra	Kennebec Telephone Co.	Qualcomm	EchoStar	Verizon	Unlicensed	AT&T	Verizon	Sprint [18.5]
640	South Dakota 7 - Sully	Hughes	LL License Holdings	Iowa Intelagra	Kennebec Telephone Co.	Qualcomm	EchoStar	Verizon	Unlicensed	AT&T	Verizon	Sprint [18.5]
640	South Dakota 7 - Sully	Hyde	LL License Holdings	Iowa Intelagra	Kennebec Telephone Co.	Qualcomm	EchoStar	Verizon	Unlicensed	AT&T	Verizon	Sprint [18.5]
640	South Dakota 7 - Sully	Jerauld	LL License Holdings	Iowa Intelagra	Kennebec Telephone Co.	Qualcomm	EchoStar	Verizon	Unlicensed	AT&T	Verizon	Sprint [18.5]
640	South Dakota 7 - Sully	Sully	LL License Holdings	Iowa Intelagra	Kennebec Telephone Co.	Qualcomm	EchoStar	Verizon	Unlicensed	AT&T	Verizon	Sprint [18.5]
641	South Dakota 6 - Kingsbury	Beadle	LL License Holdings	AT&T	Kennebec Telephone Co.	Qualcomm	EchoStar	Verizon	Unlicensed	AT&T	Verizon	Sprint [18.5]
641	South Dakota 6 - Kingsbury	Brookings	LL License Holdings	AT&T	Kennebec Telephone Co.	Qualcomm	EchoStar	Verizon	Unlicensed	AT&T	Verizon	Sprint [18.5]
641	South Dakota 6 - Kingsbury	Kingsbury	LL License Holdings	AT&T	Kennebec Telephone Co.	Qualcomm	EchoStar	Verizon	Unlicensed	AT&T	Verizon	Sprint [18.5]
641	South Dakota 6 - Kingsbury	Lake	LL License Holdings	AT&T	Kennebec Telephone Co.	Qualcomm	EchoStar	Verizon	Unlicensed	AT&T	Verizon	Sprint [18.5]
641	South Dakota 6 - Kingsbury	Miner	LL License Holdings	AT&T	Kennebec Telephone Co.	Qualcomm	EchoStar	Verizon	Unlicensed	AT&T	Verizon	Sprint [18.5]
641	South Dakota 6 - Kingsbury	Moody	LL License Holdings	AT&T	Kennebec Telephone Co.	Qualcomm	EchoStar	Verizon	Unlicensed	AT&T	Verizon	Sprint [18.5]

**Appendix B  
Competitors Chart -- 700 MHz, Cellular, SMR**

CMA	Name	County	Lower 700 MHz A	Lower 700 MHz B	Lower 700 MHz C	Lower 700 MHz D	Lower 700 MHz E	Upper 700 MHz C	Upper 700 MHz D	Cellular A	Cellular B	SMR
641	South Dakota 8 - Kingsbury	Sanborn	LL License Holdings	AT&T	Kennebec Telephone Co.	Qualcomm	EchoStar	Verizon	Unlicensed	AT&T	Verizon	Sprint [18.5]
642	South Dakota 9 - Hanson	Bon Homme	LL License Holdings	AT&T	Kennebec Telephone Co.	Qualcomm	EchoStar	Verizon	Unlicensed	AT&T	Verizon	Sprint [16.25]
642	South Dakota 9 - Hanson	Clay	LL License Holdings	AT&T	Kennebec Telephone Co.	Qualcomm	EchoStar	Verizon	Unlicensed	AT&T	Verizon	Sprint [16.25]
642	South Dakota 9 - Hanson	Hanson	LL License Holdings	AT&T	Kennebec Telephone Co.	Qualcomm	EchoStar	Verizon	Unlicensed	AT&T	Verizon	Sprint [18.5]
642	South Dakota 9 - Hanson	Hutchinson	LL License Holdings	AT&T	Kennebec Telephone Co.	Qualcomm	EchoStar	Verizon	Unlicensed	AT&T	Verizon	Sprint [18.5]
642	South Dakota 9 - Hanson	Lincoln	LL License Holdings	AT&T	Kennebec Telephone Co.	Qualcomm	EchoStar	Verizon	Unlicensed	AT&T	Verizon	Sprint [18.5]
642	South Dakota 9 - Hanson	McCook	LL License Holdings	AT&T	Kennebec Telephone Co.	Qualcomm	EchoStar	Verizon	Unlicensed	AT&T	Verizon	Sprint [18.5]
642	South Dakota 9 - Hanson	Turner	LL License Holdings	AT&T	Kennebec Telephone Co.	Qualcomm	EchoStar	Verizon	Unlicensed	AT&T	Verizon	Sprint [18.5]
642	South Dakota 9 - Hanson	Union	LL License Holdings	AT&T	Kennebec Telephone Co.	Qualcomm	EchoStar	Verizon	Unlicensed	AT&T	Verizon	Sprint [16.25]
642	South Dakota 9 - Hanson	Yankton	LL License Holdings	AT&T	Kennebec Telephone Co.	Qualcomm	EchoStar	Verizon	Unlicensed	AT&T	Verizon	Sprint [16.25]
650	Tennessee 8 - Johnson	Johnson	US Cellular	Broadband Wireless	AT&T	Qualcomm	EchoStar	Verizon	Unlicensed	Verizon	AT&T	Sprint [17.5]
675	Utah 3 - Juab	Juab	Continuum 700	Manti Telephone	MilkyWay Broadband	Qualcomm	EchoStar	Verizon	Unlicensed	AT&T	Verizon	Sprint [17]
675	Utah 3 - Juab	Millard	Continuum 700	Manti Telephone	MilkyWay Broadband	Qualcomm	EchoStar	Verizon	Unlicensed	AT&T	Verizon	Sprint [17]
675	Utah 3 - Juab	Sanpete	Continuum 700	Manti Telephone	MilkyWay Broadband	Qualcomm	EchoStar	Verizon	Unlicensed	AT&T	Verizon	Sprint [17]
675	Utah 3 - Juab	Sevier	Continuum 700	Manti Telephone	MilkyWay Broadband	Qualcomm	EchoStar	Verizon	Unlicensed	AT&T	Verizon	Sprint [17]
676	Utah 4 - Beaver	Beaver	Cox	Verizon	Union Telephone Company	Qualcomm	EchoStar	Verizon	Unlicensed	AT&T	Verizon	Sprint [17]
676	Utah 4 - Beaver	Iron	Cox	Verizon	Union Telephone Company	Qualcomm	EchoStar	Verizon	Unlicensed	AT&T	Verizon	Sprint [17]
676	Utah 4 - Beaver	Washington	Cox	Verizon	Union Telephone Company	Qualcomm	EchoStar	Verizon	Unlicensed	AT&T	Verizon	Sprint [17]
677	Utah 5 - Carbon	Carbon	Continuum 700	Verizon	MilkyWay Broadband	Qualcomm	EchoStar	Verizon	Unlicensed	AT&T	Verizon	Sprint [17]
677	Utah 5 - Carbon	Daggett	Union	Verizon	MilkyWay Broadband	Qualcomm	EchoStar	Verizon	Unlicensed	AT&T	Union Telephone	Sprint [16.5]
677	Utah 5 - Carbon	Duchesne	Continuum 700	Verizon	MilkyWay Broadband	Qualcomm	EchoStar	Verizon	Unlicensed	AT&T	UBET	Sprint [17]
677	Utah 5 - Carbon	Emery	Continuum 700	Verizon	MilkyWay Broadband	Qualcomm	EchoStar	Verizon	Unlicensed	AT&T	Verizon	Sprint [17]
677	Utah 5 - Carbon	Grand	Continuum 700	Verizon	MilkyWay Broadband	Qualcomm	EchoStar	Verizon	Unlicensed	AT&T	Verizon	Sprint [16.5]
677	Utah 5 - Carbon	Uintah	Continuum 700	Verizon	MilkyWay Broadband	Qualcomm	EchoStar	Verizon	Unlicensed	AT&T	UBET	Sprint [17]
678	Utah 6 - Piute	Garfield	Cox	Verizon	MilkyWay Broadband	Qualcomm	EchoStar	Verizon	Unlicensed	AT&T	Verizon	Sprint [17]

Appendix B  
Competitors Chart - 700 MHz, Cellular, SMR

CMA	Name	County	Lower 700 MHz A	Lower 700 MHz B	Lower 700 MHz C	Lower 700 MHz D	Lower 700 MHz E	Upper 700 MHz C	Upper 700 MHz D	Cellular A	Cellular B	SMR
678	Utah 6 - Piute	Kane	SAL Spectrum	Verizon	MilkyWay Broadband	Qualcomm	EchoStar	Verizon	Unlicensed	AT&T	Verizon	Sprint [17]
678	Utah 6 - Piute	Piute	Cox	Verizon	MilkyWay Broadband	Qualcomm	EchoStar	Verizon	Unlicensed	AT&T	Verizon	Sprint [17]
678	Utah 6 - Piute	San Juan	SAL Spectrum	Verizon	MilkyWay Broadband	Qualcomm	EchoStar	Verizon	Unlicensed	AT&T	Verizon	Sprint [18.25]
678	Utah 6 - Piute	Wayne	Continuum 700	Verizon	MilkyWay Broadband	Qualcomm	EchoStar	Verizon	Unlicensed	AT&T	Verizon	Sprint [17]
681	Virginia 1 - Lee	Buchanan	Cavalier	Unlicensed	East Kentucky Network, LLC d/b/a	Qualcomm	EchoStar	Verizon	Unlicensed	Verizon	AT&T	Sprint [18.125]
681	Virginia 1 - Lee	Dickenson	Cavalier	Unlicensed	East Kentucky Network, LLC d/b/a	Qualcomm	EchoStar	Verizon	Unlicensed	Verizon	AT&T	Sprint [17.5]
881	Virginia 1 - Lee	Lee	Cavalier	Unlicensed	East Kentucky Network, LLC d/b/a	Qualcomm	EchoStar	Verizon	Unlicensed	Verizon	AT&T	Sprint [17.5]
681	Virginia 1 - Lee	Norton	Cavalier	Unlicensed	East Kentucky Network, LLC d/b/a	Qualcomm	EchoStar	Verizon	Unlicensed	Verizon	AT&T	Sprint [17.5]
681	Virginia 1 - Lee	Russell	Cavalier	Unlicensed	East Kentucky Network, LLC d/b/a	Qualcomm	EchoStar	Verizon	Unlicensed	Verizon	AT&T	Sprint [17.5]
681	Virginia 1 - Lee	Wise	Cavalier Wireless	Unlicensed	East Kentucky Network, LLC d/b/a	Qualcomm	EchoStar	Verizon	Unlicensed	Verizon	AT&T	Sprint [17.5]
688	Virginia 8 - Amelia	Amelia	Continuum 700	Buggs Island Tel Coop.	AT&T	Qualcomm	EchoStar	Verizon	Unlicensed	AT&T	Verizon	Sprint [18.5]
888	Virginia 8 - Amelia	Brunswick	Continuum 700	Buggs Island Tel Coop.	AT&T	Qualcomm	EchoStar	Verizon	Unlicensed	AT&T	Verizon	Sprint [18.5]
688	Virginia 8 - Amelia	Lunenburg	Continuum 700	Buggs Island Tel Coop.	AT&T	Qualcomm	EchoStar	Verizon	Unlicensed	AT&T	Verizon	Sprint [18.5]
688	Virginia 8 - Amelia	Mecklenburg	Continuum 700	Buggs Island Tel Coop.	AT&T	Qualcomm	EchoStar	Verizon	Unlicensed	AT&T	Verizon	Sprint [18.5]
688	Virginia 8 - Amelia	Nottoway	Continuum 700	Buggs Island Tel Coop.	AT&T	Qualcomm	EchoStar	Verizon	Unlicensed	AT&T	Verizon	Sprint [18.5]
718	Wyoming 1 - Park	Big Horn	Bresnan	Union Telephone	Union Telephone Company	Qualcomm	EchoStar	Verizon	Unlicensed	AT&T	Verizon	Sprint [18.25]
718	Wyoming 1 - Park	Hot Springs	Union	Union Telephone	Union Telephone Company	Qualcomm	EchoStar	Verizon	Unlicensed	AT&T	Verizon	Sprint [16.5]
718	Wyoming 1 - Park	Park	Bresnan	Union Telephone	Union Telephone Company	Qualcomm	EchoStar	Verizon	Unlicensed	AT&T	Verizon	Sprint [18.25]
718	Wyoming 1 - Park	Washakie	Union	Union Telephone	Union Telephone Company	Qualcomm	EchoStar	Verizon	Unlicensed	AT&T	Verizon	Sprint [16.5]
719	Wyoming 2 - Sheridan	Campbell	Union	Verizon	Union Telephone Company	Qualcomm	EchoStar	Verizon	Unlicensed	AT&T	Verizon	Sprint [16.5]
719	Wyoming 2 - Sheridan	Crook	Union	Verizon	Union Telephone Company	Qualcomm	EchoStar	Verizon	Unlicensed	AT&T	Excomm Verizon	Sprint [16.5]
719	Wyoming 2 - Sheridan	Johnson	Bresnan	Verizon	Union Telephone Company	Qualcomm	EchoStar	Verizon	Unlicensed	AT&T	Verizon	Sprint [16.5]
719	Wyoming 2 - Sheridan	Sheridan	Bresnan	Verizon	Union Telephone Company	Qualcomm	EchoStar	Verizon	Unlicensed	AT&T	Verizon	Sprint [18.25]
719	Wyoming 2 - Sheridan	Weston	Union	Verizon	Union Telephone Company	Qualcomm	EchoStar	Verizon	Unlicensed	AT&T	Verizon	Sprint [16.5]
721	Wyoming 4 - Niobrara	Albany	Union	AT&T	Union Telephone Company	Qualcomm	EchoStar	Verizon	Unlicensed	AT&T	Verizon	Sprint [16.5]

**Appendix B  
Competitors Chart – 700 MHz, Cellular, SMR**

<b>CMA</b>	<b>Name</b>	<b>County</b>	<b>Lower 700 MHz A</b>	<b>Lower 700 MHz B</b>	<b>Lower 700 MHz C</b>	<b>Lower 700 MHz D</b>	<b>Lower 700 MHz E</b>	<b>Upper 700 MHz C</b>	<b>Upper 700 MHz D</b>	<b>Cellular A</b>	<b>Cellular B</b>	<b>SMR</b>
721	Wyoming 4 - Niobrara	Goshen	Hemingford	AT&T	Union Telephone Company	Qualcomm	EchoStar	Verizon	Unlicensed	AT&T Excomm	Excomm Verizon	Sprint [16.5]
721	Wyoming 4 - Niobrara	Laramie	Union	AT&T	Union Telephone Company	Qualcomm	EchoStar	Verizon	Unlicensed	AT&T	Verizon	Sprint [16.5]
721	Wyoming 4 - Niobrara	Niobrara	Union	AT&T	Union Telephone Company	Qualcomm	EchoStar	Verizon	Unlicensed	AT&T	Verizon	Sprint [16.5]
721	Wyoming 4 - Niobrara	Platte	Union	AT&T	Union Telephone Company	Qualcomm	EchoStar	Verizon	Unlicensed	AT&T	Verizon	Sprint [16.5]
722	Wyoming 5 - Converse	Converse	Union	Great American	Union Telephone Company	Qualcomm	EchoStar	Verizon	Unlicensed	AT&T	Verizon	Sprint [16.5]

Appendix B  
Competitors Chart – AWS, PCS, BRS

CMA	Name	County	AWS A	AWS B	AWS C	AWS D	AWS E	AWS F	PCS A	PCS B	PCS C	PCS D	PCS E	PCS F	PCS G	BRS
181	Muskegon, MI	Muskegon	AT&T	SpectrumCo	MetropCS	Denali Spectrum	T-Mobile	Verizon	AT&T	Sprint	Verizon [15] AT&T [15]	Leap	AT&T	AT&T	Sprint	Clearwire [55.5]
191	Muskegon, MI	Oceana	AT&T	SpectrumCo	MetropCS	Denali Spectrum	T-Mobile	Verizon	AT&T	Sprint	Verizon [15] AT&T [15]	Leap	AT&T	AT&T	Sprint	Clearwire [55.5]
221	Fargo-Moorehead, ND-MN	Clay	Cable One	AT&T	Long Lines	Denali Spectrum	T-Mobile	Verizon	Sprint	Verizon [20] AT&T [10]	Leap [15] Verizon [15]	Verizon	Long Lines	Verizon	Sprint	Clearwire [55.5]
221	Fargo-Moorehead, ND-MN	Cass	Cable One	AT&T	Long Lines	Denali Spectrum	T-Mobile	Verizon	Sprint	Verizon [20] AT&T [10]	Leap [15] Verizon [15]	Verizon	Long Lines	Verizon	Sprint	Clearwire [55.5]
248	Dothan, AL	Dale	Cellular South	SpectrumCo	T-Mobile	T-Mobile	US Cellular	Verizon	Sprint	T-Mobile	Sprint [15] Verizon [15]	AT&T	AT&T	Verizon	Sprint	Clearwire [55.5]
248	Dothan, AL	Houston	Cellular South	SpectrumCo	T-Mobile	T-Mobile	US Cellular	Verizon	Sprint	T-Mobile	Sprint [15] Verizon [15]	AT&T	AT&T	Verizon	Sprint	Clearwire [55.5]
253	Sioux City, IA-NE	Woodbury	Cable One	SpectrumCo	Long Lines	Denali Spectrum	T-Mobile	Verizon	AT&T [5] T-Mobile [25]	Sprint [20] Swift [10]	AT&T [10] Long Lines [20]	AT&T	Verizon	AT&T	Sprint	0
253	Sioux City, IA-NE	Dakota	Cable One	SpectrumCo	Long Lines	Denali Spectrum	T-Mobile	Verizon	AT&T [5] T-Mobile [25]	Sprint [20] Swift [10]	AT&T [20] Long Lines [10]	AT&T	Verizon	AT&T	Sprint	0
262	Danville, VA	Danville	T-Mobile	SpectrumCo	Leap	T-Mobile	T-Mobile	Verizon	AT&T	Nelco	AT&T [20] T-Mobile [10]	Sprint	T-Mobile	US Cellular	Sprint	Clearwire [16.5]
262	Danville, VA	Pittsylvania	T-Mobile	SpectrumCo	Leap	T-Mobile	T-Mobile	Verizon	AT&T	Nelco	AT&T [20] T-Mobile [10]	Sprint	T-Mobile	US Cellular	Sprint	Clearwire [16.5]
267	Sioux Falls, SD	Minnehaha	KTC AWS	SpectrumCo	AT&T	Denali Spectrum	T-Mobile	Verizon	Swift Comm. [10] Sprint [20]	Verizon [20] AT&T [10]	Redwood	Long Lines	AT&T	AT&T	Sprint	Clearwire [22.5]
268	Billings, MT	Yellowstone	Blackfoot Telephone	Cavalier Wireless	Nextwave	MetropCS	AT&T	T-Mobile	Chinook	AT&T	MTPCS License Company [10] AT&T [20]	Verizon	T-Mobile [5] AT&T [5]	Nimrod Tele. Coop.	Sprint	Clearwire [8]
278	Grand Forks, ND-MN	Polk	Paul Bunyan	AT&T	Long Lines	Denali Spectrum	T-Mobile	Verizon	Sprint	Verizon [20] AT&T [10]	Leap [15] Verizon [15]	Long Lines	Verizon	Justlake	Sprint	0
278	Grand Forks, ND-MN	Grand Forks	Paul Bunyan	AT&T	Long Lines	Denali Spectrum	T-Mobile	Verizon	Sprint	Verizon [20] AT&T [10]	Leap [15] Verizon [15]	Long Lines	Verizon	Justlake	Sprint	0
285	Las Cruces, NM	Dona Ana	T-Mobile	SpectrumCo	Nextwave	MetropCS	AT&T	T-Mobile	T-Mobile	AT&T	Leap [10] Verizon [5] Verizon [10] Sprint [5]	Sprint	Lynch PCS	AT&T	Sprint	Clearwire [49.5]
288	Rapid City, SD	Meade	KTC AWS	MTPCS	Stelara Wireless	AT&T	Leap	T-Mobile	Sprint	T-Mobile [10] AT&T [20]	GW Wireless	Verizon	AT&T	Long Lines	Sprint	0
289	Rapid City, SD	Pennington	KTC AWS	MTPCS	Stelara Wireless	AT&T	Leap	T-Mobile	Sprint	T-Mobile [10] AT&T [20]	GW Wireless	Verizon	AT&T	Long Lines	Sprint	0
287	Great Falls, MT	Cascade	3 Rivers Telephone	3 Rivers Telephone	Nextwave	MetropCS	AT&T	T-Mobile	Chinook	AT&T	AT&T	Verizon	T-Mobile [5] AT&T [5]	3 Rivers Telephone Cooperative	Sprint	0

Appendix B  
Competitors Chart – AWS, PCS, BRS

CMA	Name	County	AWS A	AWS B	AWS C	AWS D	AWS E	AWS F	PCS A	PCS B	PCS C	PCS D	PCS E	PCS F	PCS G	BRS
298	Bismarck, ND	Burleigh	BEK Comm.	MTPCS	Stelera Wireless	Dentel Spectrum	T-Mobile	Verizon	Sprint	AT&T [20] T-Mobile [10]	AT&T [20] BEK [10]	Verizon	Long Lines	AT&T	Sprint	Clearwire [55.5]
298	Bismarck, ND	Meron	BEK Comm.	MTPCS	Stelera Wireless	Dentel Spectrum	T-Mobile	Verizon	Sprint	AT&T [20] T-Mobile [10]	AT&T [20] BEK [10]	Verizon	Long Lines	AT&T	Sprint	Clearwire [55.5]
298	Casper, WY	Natrona	Union Telephone	MTPCS	Union Telephone	AT&T	Leap	T-Mobile	Sprint	T-Mobile [20] AT&T [10]	Union Telephone	Verizon	Union Telephone	Union Telephone	Sprint	Clearwire [22]
313	Albama 7 - Butler	Butler	CenturyTel	SpectrumCo	T-Mobile	T-Mobile	US Cellular	Verizon	Sprint	T-Mobile	AT&T	AT&T	AT&T	AT&T	Sprint	Clearwire [22.5]
313	Albama 7 - Butler	Coffee	CenturyTel	SpectrumCo	T-Mobile	T-Mobile	US Cellular	Verizon	Sprint	T-Mobile	Sprint [15] Verizon [15]	AT&T	AT&T	Verizon	Sprint	Clearwire [55.5]
313	Albama 7 - Butler	Covington	CenturyTel	SpectrumCo	T-Mobile	T-Mobile	US Cellular	Verizon	Sprint	T-Mobile	AT&T	AT&T	AT&T	AT&T	Sprint	Clearwire [22.5]
313	Albama 7 - Butler	Crenshaw	CenturyTel	SpectrumCo	T-Mobile	T-Mobile	US Cellular	Verizon	Sprint	T-Mobile	AT&T	AT&T	AT&T	AT&T	Sprint	Clearwire [22.5]
313	Albama 7 - Butler	Geneva	CenturyTel	SpectrumCo	T-Mobile	T-Mobile	US Cellular	Verizon	Sprint	T-Mobile	Sprint [15] Verizon [15]	AT&T	AT&T	Verizon	Sprint	Clearwire [55.5]
313	Albama 7 - Butler	Pike	CenturyTel	SpectrumCo	T-Mobile	T-Mobile	US Cellular	Verizon	Sprint	T-Mobile	AT&T [20] Verizon [10]	AT&T	AT&T	AT&T	Sprint	Clearwire [22.5]
322	Arizona 5 - Gila	Gila	Stelera Wireless	Cox TMI Wireless	T-Mobile	MetropCS	AT&T	T-Mobile	AT&T [10] T-Mobile [10] SAL Spectrum [10]	Sprint	AT&T [20] Leap [10]	Verizon	T-Mobile	T-Mobile	Sprint	Clearwire [55.5]
322	Arizona 5 - Gila	Pinal	Stelera Wireless	Cox TMI Wireless	T-Mobile	MetropCS	AT&T	T-Mobile	T-Mobile [10] AT&T [20]	Sprint	AT&T [20] Leap [10]	Verizon	T-Mobile	T-Mobile	Sprint	Clearwire [55.5]
341	California 6 - Mono	Inyo	DartDevil	SpectrumCo	Cavalier Wireless	MetropCS	AT&T	T-Mobile	Sprint	AT&T	Verizon [10] T-Mobile [10] Royal [10]	AT&T	Verizon	T-Mobile	Sprint	Clearwire [55.5]
341	California 6 - Mono	Mono	DartDevil	SpectrumCo	Cavalier Wireless	MetropCS	AT&T	T-Mobile	Sprint	AT&T	T-Mobile [10] Leap [10] Von Donop [10]	AT&T	Verizon	T-Mobile	Sprint	Clearwire [55.5]
351	Colorado 4 - Park	Chaffee	Stelera Wireless	SpectrumCo	Atlantic Wireless	AT&T	Leap	T-Mobile	Sprint	T-Mobile [20] AT&T [10]	AT&T [10] T-Mobile [10] Verizon [10]	AT&T	Commet	Leap	Sprint	Clearwire [55.5]
351	Colorado 4 - Park	Custer	Stelera Wireless	SpectrumCo	Atlantic Wireless	AT&T	Leap	T-Mobile	Sprint [20] AT&T [10]	T-Mobile [10] AT&T [10] NE Colorado [10]	Commet [10] Leap [20]	AT&T	NE Colorado Cellular	Chickasaw Wireless	Sprint	Clearwire [55.5]
351	Colorado 4 - Park	Fremont	Stelera Wireless	SpectrumCo	Atlantic Wireless	AT&T	Leap	T-Mobile	Sprint [20] AT&T [10]	T-Mobile [20] AT&T [10]	Commet [10] Leap [20]	AT&T	NE Colorado Cellular	Chickasaw Wireless	Sprint	Clearwire [55.5]



**Appendix B  
Competitors Chart – AWS, PCS, BRS**

CMA	Name	County	AWS A	AWS B	AWS C	AWS D	AWS E	AWS F	PCS A	PCS B	PCS C	PCS D	PCS E	PCS F	PCS G	BRS
351	Colorado 4 - Park	Leve	Stelera Wireless	SpectrumCo	Atlantic Wireless	AT&T	Leap	T-Mobile	Sprint	T-Mobile [20] AT&T [10]	AT&T [10] T-Mobile [10] Verizon [10]	AT&T	Commnet	Leap	Sprint	Clearwire [55.5]
351	Colorado 4 - Park	Park	Stelera Wireless	SpectrumCo	Atlantic Wireless	AT&T	Leap	T-Mobile	Sprint	T-Mobile [20] AT&T [10]	AT&T [10] T-Mobile [10] Verizon [10]	AT&T	Commnet	Leap	Sprint	Clearwire [55.5]
352	Colorado 5 - Elbert	Chayenne	Stelera Wireless	SpectrumCo	Command Connect	AT&T	Leap	T-Mobile	Sprint	T-Mobile [20] AT&T [10]	AT&T [10] T-Mobile [10] Verizon [10]	AT&T	NE Colorado Cellular	Leap	Sprint	Clearwire [55.5]
352	Colorado 5 - Elbert	Elbert	Stelera Wireless	SpectrumCo	Atlantic Wireless	AT&T	Leap	T-Mobile	Sprint	T-Mobile	AT&T [10] T-Mobile [10] Verizon [10]	AT&T	Verizon	Leap	Sprint	Clearwire [55.5]
352	Colorado 5 - Elbert	Kit Carson	Stelera Wireless	SpectrumCo	Atlantic Wireless	AT&T	Leap	T-Mobile	Rural Telephone [10] Sprint [20]	T-Mobile [20] AT&T [10]	AT&T [10] T-Mobile [10] Verizon [10]	AT&T	NE Colorado Cellular	Leap	Sprint	Clearwire [55.5]
352	Colorado 5 - Elbert	Lincoln	Stelera Wireless	SpectrumCo	Atlantic Wireless	AT&T	Leap	T-Mobile	Rural Telephone [10] Sprint [20]	T-Mobile [20] AT&T [10]	AT&T [10] T-Mobile [10] Verizon [10]	AT&T	Verizon	Leap	Sprint	Clearwire [55.5]
353	Colorado 6 - San Miguel	Dolores	Stelera Wireless	SpectrumCo	Nextwave	AT&T	Leap	T-Mobile	T-Mobile	AT&T [10] Sprint [10] Commnet [10]	AT&T	Sprint	Smith Bagley	Smith Bagley	Sprint	0
353	Colorado 6 - San Miguel	Hinsdale	Stelera Wireless	SpectrumCo	Atlantic Wireless	AT&T	Leap	T-Mobile	Sprint	T-Mobile	AT&T [10] T-Mobile [10] Verizon [10]	AT&T	Commnet	Leap	Sprint	Clearwire [55.5]
353	Colorado 6 - San Miguel	La Plata	Stelera Wireless	SpectrumCo	Nextwave	AT&T	Leap	T-Mobile	T-Mobile	AT&T [10] Sprint [10] Commnet [10]	AT&T	Sprint	Smith Bagley	Smith Bagley	Sprint	0
353	Colorado 6 - San Miguel	Montezuma	Stelera Wireless	SpectrumCo	Nextwave	AT&T	Leap	T-Mobile	T-Mobile	AT&T [10] Sprint [10] Commnet [10]	AT&T	Sprint	Smith Bagley	Smith Bagley	Sprint	0
353	Colorado 6 - San Miguel	Oury	Stelera Wireless	SpectrumCo	Atlantic Wireless	AT&T	Leap	T-Mobile	Sprint	T-Mobile	NCH [15] AT&T [15]	Commnet	Commnet	Union Telephone	Sprint	0
353	Colorado 6 - San Miguel	San Juan	Stelera Wireless	SpectrumCo	Nextwave	AT&T	Leap	T-Mobile	T-Mobile	AT&T [10] Sprint [10] Commnet [10]	AT&T	Sprint	Smith Bagley	Smith Bagley	Sprint	0
353	Colorado 6 - San Miguel	San Miguel	Stelera Wireless	SpectrumCo	Atlantic Wireless	AT&T	Leap	T-Mobile	Sprint	T-Mobile	NCH [15] AT&T [15]	Commnet	Commnet	Union Telephone	Sprint	0
354	Colorado 7 - Saguache	Alamosa	Stelera Wireless	SpectrumCo	Command Connect	AT&T	Leap	T-Mobile	Sprint [20] AT&T [10]	T-Mobile [10] AT&T [10] NE Colorado [10]	Commnet [10] Leap [20]	AT&T	Verizon	Chickasaw Wireless	Sprint	Clearwire [55.5]
354	Colorado 7 - Saguache	Archuleta	Stelera Wireless	SpectrumCo	Nextwave	MetroPCS	AT&T	T-Mobile	AT&T [10] T-Mobile [20]	AT&T [20] Sprint [10]	AT&T	Sprint	Smith Bagley	Smith Bagley	Sprint	0
354	Colorado 7 - Saguache	Conejos	Stelera Wireless	SpectrumCo	Command Connect	AT&T	Leap	T-Mobile	Sprint [20] AT&T [10]	T-Mobile [10] AT&T [10] NE Colorado [10]	Commnet [10] Leap [20]	AT&T	NE Colorado Cellular	Chickasaw Wireless	Sprint	Clearwire [55.5]