

FIGURE 1 - CHANNEL SPACING STUDY
KMLD CASPER, WY, CH 233C0

| | | |
|------------------------------------|------------------------------|-----------------|
| REFERENCE | | DISPLAY DATES |
| 42 44 37.0 N. | CLASS = C0 | DATA 06-11-18 |
| 106 18 31.0 W. | Current Spacings to 3rd Adj. | SEARCH 06-11-18 |
| ----- Channel 233 - 94.5 MHz ----- | | |

| Call | Channel | Location | | Azi | Dist | FCC | Margin |
|-----------|-------------|---------------|----|-------|--------|-------|--------|
| <hr/> | | | | | | | |
| KMLD | LIC 233C | Casper | WY | 242.5 | 2.28 | 280.5 | -278.2 |
| KMLD | CP 233C1 | Casper | WY | 146.6 | 0.37 | 258.5 | -258.1 |
| DKCYO | VAC 235C3 | Bairoil | WY | 233.9 | 105.35 | 86.5 | 18.9 |
| AL1497 | RSV-A 233C2 | Cody | WY | 316.0 | 286.71 | 238.5 | 48.2 |
| KTAK | LIC 230C1 | Riverton | WY | 269.6 | 150.48 | 93.5 | 57.0 |
| KMAX-FM | LIC 232C3 | Wellington | CO | 154.1 | 223.67 | 162.5 | 61.2 |
| KCGY | LIC 236C | Laramie | WY | 155.8 | 174.22 | 104.5 | 69.7 |
| KRKS-FM | LIC-D 234C | Lafayette | CO | 164.7 | 307.26 | 219.5 | 87.8 |
| KCNB | LIC 234C1 | Chadron | NE | 90.8 | 296.11 | 195.5 | 100.6 |
| AU9412036 | VAC 286A | Wheatland | WY | 123.2 | 134.46 | 24.5 | 110.0 |
| KZWY | LIC 235C | Sheridan | WY | 343.0 | 218.63 | 104.5 | 114.1 |
| KCGC | LIC 233C3 | Merino | CO | 131.8 | 361.62 | 225.5 | 136.1 |
| KTUN | LIC 233C3 | New Castle | CO | 196.6 | 367.61 | 225.5 | 142.1 |
| KQOL | LIC-N 287C1 | Sleepy Hollow | WY | 21.9 | 185.98 | 36.5 | 149.5 |
| KNEB-FM | LIC 231C1 | Scottsbluff | NE | 117.3 | 245.96 | 93.5 | 152.5 |
| KSQY | LIC 236C | Deadwood | SD | 47.6 | 266.48 | 104.5 | 162.0 |
| KTUG | LIC 286C2 | Hudson | WY | 265.5 | 197.97 | 30.5 | 167.5 |
| KEZZ | LIC-N 231C2 | Phippsburg | CO | 187.0 | 265.82 | 88.5 | 177.3 |
| KXRQ | LIC-Z 232C1 | Roosevelt | UT | 229.9 | 375.68 | 195.5 | 180.2 |
| KCWA | LIC-Z 230A | Loveland | CO | 159.1 | 266.97 | 85.5 | 181.5 |
| KYCS | LIC 236C1 | Rock Springs | WY | 242.1 | 286.61 | 93.5 | 193.1 |
| KKMK | LIC 230C1 | Rapid City | SD | 58.6 | 287.29 | 93.5 | 193.8 |
| DKMGQ | VAC 287A | Pine Bluffs | WY | 132.8 | 254.99 | 24.5 | 230.5 |
| KYSL | LIC 230A | Frisco | CO | 177.3 | 354.36 | 85.5 | 268.9 |
| KRKX | LIC 231C1 | Billings | MT | 333.8 | 376.40 | 93.5 | 282.9 |
| KXKL-FM | LIC-Z 286C0 | Denver | CO | 164.7 | 353.03 | 40.5 | 312.5 |
| KDWY | LIC 287C2 | Diamondville | WY | 255.2 | 360.25 | 30.5 | 329.8 |
| KJXN | LIC 286C3 | South Park | WY | 284.0 | 370.52 | 26.5 | 344.0 |
| KYSX | LIC 286A | Billings | MT | 333.8 | 376.97 | 24.5 | 352.5 |

RSV-R = reserved - needs protection, RSV-A = allocation
All separation margins include rounding