

## Digital and Analog Television interference with VHF systems

10/11/2004

This product operates between 72-87 MHz and 170-234 MHz

| TV CH | Freq MHz | VHF Frequency | Channel |
|-------|----------|---------------|---------|
| None  | -----    | 72.300 MHz    | BB      |
| None  | -----    | 72.500 MHz    | CC      |
| None  | -----    | 72.700 MHz    | DD      |
| None  | -----    | 72.900 MHz    | EE      |
| None  | -----    | 75.500 MHz    | FF      |
| None  | -----    | 75.700 MHz    | GG      |
| None  | -----    | 75.900 MHz    | HH      |
| None  | -----    | 81.350 MHz    | MB1     |
| 6     | 82-88    | 83.880 MHz    | MB2     |
| 6     | 82-88    | 85.275 MHz    | MB3     |
| 6     | 82-88    | 87.375 MHz    | MB4     |
| None  | -----    | 170.245 MHz   | G1      |
| None  | -----    | 171.905 MHz   | A       |
| None  | -----    | 173.800 MHz   | E4      |
| None  | -----    | 174.100 MHz   | E5      |
| 7     | 174-180  | 174.500 MHz   | E6      |
| 7     | 174-180  | 175.000 MHz   | E3      |
| 7     | 174-180  | 175.550 MHz   | CE6     |
| 7     | 174-180  | 176.400 MHz   | CE7     |
| 7     | 174-180  | 176.900 MHz   | A14     |
| 8     | 180-186  | 183.570 MHz   | CE9     |
| 8     | 180-186  | 185.150 MHz   | B       |
| 8     | 180-186  | 185.250 MHz   | CE1     |
| 9     | 186-192  | 191.300 MHz   | H       |
| 10    | 192-198  | 195.250 MHz   | CE2     |
| 10    | 192-198  | 197.150 MHz   | N       |
| 11    | 198-204  | 202.100 MHz   | A1      |
| 11    | 198-204  | 203.250 MHz   | CE3     |
| 11    | 198-204  | 203.400 MHz   | F       |
| 12    | 204-210  | 206.350 MHz   | P       |
| 12    | 204-210  | 209.150 MHz   | D       |

|      |         |                                           |     |
|------|---------|-------------------------------------------|-----|
| 13   | 210-216 | 212.100 MHz                               | R   |
| 13   | 210-216 | 215.200 MHz                               | E   |
| None | -----   | 219.200 MHz                               | K   |
| None | -----   | 226.225 MHz                               | M   |
| None | -----   | 231.650 MHz                               | J2  |
| None | -----   | 232.800 MHz                               | CE5 |
| None | -----   | 234.100 MHz                               | J4  |
| None | -----   | 169.445, 170.245, 171.905,<br>171.045 MHz | AT2 |
| None | -----   | 170.245, 171.905, 172.650,<br>170.850 MHz | AT  |
| 8    | 180-186 | 182.800, 184.450, 185.150,<br>183.300 MHz | A8  |
| 8    | 180-186 | 182.800, 184.450, 185.150,<br>183.570 MHz | AE8 |
| 9    | 186-192 | 188.800, 190.450, 191.300,<br>189.300 MHz | A9  |
| 10   | 192-198 | 194.800, 196.450, 197.150,<br>195.250 MHz | A10 |

Potential problems with local interference

As of 10/11/04

Station Types, TV = Full Service TV, DT = Digital TV, CA = Class A,  
TX = Low Power TV and Translator, TB = Booster TV, TS = Auxiliary Back Up

| Call<br>Sign | State | CITY        | TV Ch. | Type | Compromised<br>VHF Channels |
|--------------|-------|-------------|--------|------|-----------------------------|
| KABY-TV      | SD    | ABERDEEN    | 9      | TV   | Ch. H                       |
| KESD-TV      | SD    | BROOKINGS   | 8      | TV   | Ch. A8, AE8, B, CE1, CE9    |
| KPSD-TV      | SD    | EAGLE BUTTE | 13     | TV   | Ch. E, R                    |
| KTTM         | SD    | HURON       | 12     | TV   | Ch. D, P                    |
| KHSD-TV      | SD    | LEAD        | 11     | TV   | Ch. A1, F, CE3              |
| K07FG        | SD    | LEMMON      | 7      | TX   | Ch. A14, E3, E6, CE6, CE7   |
| K09FG        | SD    | LEMMON      | 9      | TX   | Ch. H                       |
| KQSD-TV      | SD    | LOWRY       | 11     | TV   | Ch. A1, F, CE3              |
| KZSD-TV      | SD    | MARTIN      | 8      | TV   | Ch. A8, AE8, B, CE1, CE9    |
| K07QL        | SD    | MITCHELL    | 7      | TX   | Ch. A14, E3, E6, CE6, CE7   |

|         |    |              |    |    |                           |
|---------|----|--------------|----|----|---------------------------|
| K09UN   | SD | MITCHELL     | 9  | TX | Ch. H                     |
| K09KK   | SD | MOBRIDGE     | 9  | TX | Ch. H                     |
| KTSD-TV | SD | PIERRE       | 10 | TV | Ch. A10, CE2, N           |
| K06HG   | SD | PINE RIDGE   | 6  | TX | Ch. MB2, MB3, MB4         |
| KEVN-TV | SD | RAPID CITY   | 7  | TV | Ch. A14, E3, E6, CE6, CE7 |
| KBHE-TV | SD | RAPID CITY   | 9  | TV | Ch. H                     |
| KPLO-TV | SD | RELIANCE     | 6  | TV | Ch. MB2, MB3, MB4         |
| KPLO-TV | SD | RELIANCE     | 13 | DT | Ch. E, R                  |
| KELO-TV | SD | SIOUX FALLS  | 11 | TS | Ch. A1, F, CE3            |
| KELO-TV | SD | SIOUX FALLS  | 11 | TV | Ch. A1, F, CE3            |
| KSFY-TV | SD | SIOUX FALLS  | 13 | TV | Ch. E, R                  |
| K08GF   | SD | SPRING CREEK | 8  | TX | Ch. A8, AE8, B, CE1, CE9  |
| K13PN   | SD | WASTA        | 13 | TX | Ch. E, R                  |