



Micronet Communications, Inc.  
 720 F Avenue, Suite 100  
 Plano, Texas 75074  
 972-422-7200

File: M1735611

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TECHNICAL CHARACTERISTICS OF RECEIVE ONLY EARTH STATION

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|                                  |                                  |           |        |
|----------------------------------|----------------------------------|-----------|--------|
| Company:                         | CBS Communications Services Inc. |           |        |
| Site Name, State:                | WKBD, MI                         |           |        |
| Call Sign:                       |                                  |           |        |
| Latitude                         | (NAD83)                          | 42 29     | 1.0 N  |
| Longitude                        | (NAD83)                          | 83 18     | 34.0 W |
| Elevation AMSL                   | (ft/m)                           | 692.00    | 210.92 |
| Receive Frequency Range          | (MHz)                            | 3700-4200 |        |
| Transmit Frequency Range         | (MHz)                            |           |        |
| Range of Satellite Orbital Long. | (deg W)                          | 74.00     | 139.00 |
| Range of Azimuths from North     | (deg)                            | 166.36    | 245.26 |
| Antenna Centerline               | (ft/m)                           | 9.00      | 2.74   |
| Antenna Elevation Angles         | (deg)                            | 40.07     | 16.23  |

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Equipment Parameters Receive

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|                         |       |       |
|-------------------------|-------|-------|
| Antenna Gain, Main Beam | (dbI) | 44.20 |
| 15 DB Half Beamwidth    | (deg) | 1.20  |

Antennas Receive: RSI SATCOM 500CS

|                                  |            |         |
|----------------------------------|------------|---------|
| Max Transmitter Power            | (dbW/4KHz) |         |
| Max EIRP Main Beam               | (dbW/4KHz) |         |
| Modulation / Emission Designator | DIGITAL    | 36M0G7W |

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Coordination Parameters Receive

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|                                   |       |         |   |
|-----------------------------------|-------|---------|---|
| Max Greater Circle Distances      | (km)  | 322.83  |   |
| Max Rain Scatter Distances        | (km)  | 411.20  |   |
| Max Interference Power Long Term  | (dbW) | -140.60 |   |
| Max Interference Power Short Term | (dbW) | -118.40 |   |
| Rain Zone / Radio Zone            |       | 2       | A |