

| Radio Mobile Online Coverage report | |
|--|--------------------------|
| Description | Sandy Ridge 600 Repeater |
| Frequency | 462.6 MHz |
| Base Name | Sandy Ridge Fire Tower |
| Latitude | 40.77828500 ° |
| Longitude | -78.25009100 ° |
| Latitude | 40° 46' 41.83"N |
| Longitude | 078° 15' 00.33"W |
| QRA | FN00US |
| UTM (WGS84) | 17T E732058 N4517784 |
| Canada Map Index | 30D16 |
| Elevation | 703.4 m |
| Base Antenna Height | 48.8 m |
| Base Antenna Gain | 8.2 dBi |
| Base Antenna Type | omni |
| Base Antenna Azimuth | 0 ° |
| Base Antenna Tilt | 0 ° |
| Mobile Antenna Height | 1.3 m |
| Mobile Antenna Gain | 2.2 dBi |
| Tx Power | 36.00000 W |
| Tx Line Loss | 2.1 dB |
| Rx Line Loss | 1.0 dB |
| Rx Threshold | 0.200 µV (-121.0 dBm) |
| Required Reliability | 70% |
| Strong signal margin | 10.0 dB |
| Weak signal field | 7.4 dBµV/m |
| Strong signal field | 17.4 dBµV/m |
| Weak signal covered area | 5262 km ² |
| Strong signal covered area | 3767 km ² |
| Weak signal population reached | 258430 pop |
| Strong signal population reached | 167966 pop |
| Landcover used | Yes |
| Two rays method used | Yes |
| User ID | kc3kvs |
| Radio coverage ID | RM3C4DE24F4BEC_0 |
| Generated on | 4/19/2020 11:07:35 AM |