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| --- | --- | --- | --- |
| ARG - Argentina | | | |
| **Centralizing office** | **Postal address** | **Telephone, Telefax, Electronic-mail** | **Remarks** |
|  |  |  |  |
| Ente Nacional de Comunicaciones (ENACOM) | Perú 103 1067 Buenos Aires | TF : +54 11 43479917 TF : +54 11 43479744 FAX : +54 11 43479546 |  |
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Stations in the Space radiocommunication services

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| --- | --- | --- | --- |
| **Name of the station** | **Postal address** | **Telephone, Telefax, Electronic-mail** | |
|  |  |  |  |
| **Benavídez ARSAT earth station** |  |  | |

|  |
| --- |
| **1. Geographical coordinates** |
| |  | | --- | | 34°24'35" S | | 058°43'04" W | |
| **2. Hours of service** |
| |  | | --- | | To be confirmed. | |
| **3. Information on antennas in use** |
| |  | | --- | | (a) 9.3 m Cassegrain antenna (Ku band) | | (b) 4.8 m Cassegrain antenna (Ku band) | |
| **4. Range of azimuth and elevation angles** |
| |  |  |  | | --- | --- | --- | | (a) | Azimuth angle: | 270° to 88° continuous | |  | Elevation angle: | 0.5° - 88° | |  | Polarization angle: | 90° (motorized) | |  | Speed: | 0.5°/s | | (b) | Azimuth angle: | 283.7° to 20.89° continuous | |  | Elevation angle: | 0.5° - 65° | |  | Polarization angle: | 90° (motorized) | |  | Speed: | 0.5°/s | |
| **5. Maximum attainable accuracy in determining orbital positions of space stations** |
| |  | | --- | | (a) < 0.03 RMS | | (b) < 0.03 RMS | |
| **6. Information on system polarization** |
| |  | | --- | | (a) Tx dual linear switchable and Rx dual linear | | (b) Tx dual linear switchable and Rx dual linear | |
| **7. System noise temperature** |
| |  |  | | --- | --- | | (a) | 10° elev./clear sky/T0 = 296° K 70° K | |  | 10° elev./clear sky/T0 = 318° K 76° K | |  | G/T: 37.2 dB/° K @ GHz @ 10° elev. | | (b) | 10° elev./clear sky/T0 = 296° K 70° K | |  | 10° elev./clear sky/T0 = 318° K 76° K | |  | G/T: 31.2 dB/° K @ GHz @ 10° elev. | |
| **8. Ranges of frequencies with the maximum attainable accuracy of frequency measurement for each frequency range** |
| |  |  | | --- | --- | | (a) | Rx: 11.450 - 12.200 GHz. Tx: 13.750 - 14.500 GHz | |  | + 1% of occupied bandwidth or 0.1 ppm | | (b) | Rx: 11.450 - 12.200 GHz. Tx: 13.750 - 14.500 GHz | |  | + 1% of occupied bandwidth or 0.1 ppm | |
| **9. Ranges of frequencies in which field strength or power flux-density measurements can be performed** |
| |  | | --- | | 10.95 GHz - 12.2 GHz: both measurements should be derived from the e.i.r.p. measurement for the system. | | Power Measurement Accuracy: + 0.5 dB. | |
| **10. Minimum value of measurable field strength or power flux-density with indication of attainable accuracy of measurement** |
| |  | | --- | | Minimum e.i.r.p. value measurable by the system: 10 dBm. | | Power Measurement Accuracy: + 0.5 dB. | |
| **11. Information available for bandwidth measurements** |
| |  | | --- | | Percentage of Power Bandwidth, x dB Bandwidth and Power Above Noise Bandwidth. | |
| **12. Information available for spectrum occupancy measurements** |
| |  | | --- | | Based on ITU on-line data. | |
| **13. Information available for orbit occupancy measurements** |
| |  | | --- | | Based on ITU on-line data. | |

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| **Name of the station** | **Postal address** | **Telephone, Telefax, Electronic-mail** | |
|  |  |  |  |
| **Buenos Aires (IMS)** | Santos Vega 1100 9 de Abril  Esteban Echeverría Buenos Aires Argentina | TF : +54 11 46933322 FAX : +54 11 46931667 | |

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| --- |
| **1. Geographical coordinates** |
| |  | | --- | | 34°45'13" S | | 058°30'00" W | |
| **2. Hours of service** |
| |  | | --- | | 0900-1800 h (H24) | |
| **3. Information on antennas in use** |
| |  | | --- | | Log-periodic antenna for frequency range (a); 4.5 m parabolic reflector antenna, for frequency ranges (b) and (c). | |
| **4. Range of azimuth and elevation angles** |
| |  | | --- | | (a) Azimuth 180°, elevation 90° | | (b) (c) Azimuth 180°, 360° (manual), elevation 0° - 90° | |
| **5. Maximum attainable accuracy in determining orbital positions of space stations** |
| |  | | --- | | No information notified. | |
| **6. Information on system polarization** |
| |  | | --- | | (a) Vertical, horizontal and circular polarization | | (b) (c) Linear (V-H) and circular polarization | |
| **7. System noise temperature** |
| |  | | --- | | No information notified. | |
| **8. Ranges of frequencies with the maximum attainable accuracy of frequency measurement for each frequency range** |
| |  |  | | --- | --- | | (a) 80 MHz - 1100 MHz: | 1 × 10-6 | | (b) 3700 MHz - 4200 MHz: | 1 × 10-6 | | (c) 10.95 GHz - 12.75 GHz: | 1 × 10-6 | |
| **9. Ranges of frequencies in which field strength or power flux-density measurements can be performed** |
| |  | | --- | | No information notified. | |
| **10. Minimum value of measurable field strength or power flux-density with indication of attainable accuracy of measurement** |
| |  | | --- | | No information notified. | |
| **11. Information available for bandwidth measurements** |
| |  | | --- | | Bandwidth measurements in accordance with the methods described in the Spectrum Monitoring Handbook. | |
| **12. Information available for spectrum occupancy measurements** |
| |  | | --- | | Measurements on transponders will not be performed systematically, except in the case of complaints of interference. They can be performed in frequency range (a). | |
| **13. Information available for orbit occupancy measurements** |
| |  | | --- | | No information notified. | |

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