|  |
| --- |
| USA - United States |
| **Centralizing office** | **Postal address** | **Telephone, Telefax, Electronic-mail** | **Remarks** |
|  |  |  |  |
| Federal Communications CommissionFCC Operations Center (FCCOC) | Federal Communications CommissionFCC Operations Center445, 12th Street SWWashington D.C. 20554 | TF : +1 202 4181122FAX : +1 202 4182813EMAIL : fccoperationscenter@fcc.govEMAIL : hfdf@fcc.gov | The FCC Operations Center (FCCOC) is staffed 24 hours a day, 365 days a year.Below 30 MHz, send e-mail to hfdf@fcc.govAbove 30 MHz, send e-mail to fccoperationscenter@fcc.gov  |
|  |  |  |  |

Stations in the Space radiocommunication services

|  |  |  |
| --- | --- | --- |
| **Name of the station** | **Postal address** | **Telephone, Telefax, Electronic-mail** |
|  |  |  |  |
| **Columbia, Maryland**  | United States   |   |

|  |
| --- |
| **1. Geographical coordinates** |
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| --- |
| 39°10'00" N |
| 076°49'00" W   |

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| **2. Hours of service** |
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| --- |
| Operating hours: 0800-1630 (Eastern time), Monday to Friday. |
| Outside these operating hours: contact is possible through the FCC's Centralizing Office located in Washigton D.C.  |

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| **3. Information on antennas in use** |
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| 5 m Cassegrain antenna for frequency range 1 GHz to 12 GHz; slew rate 17°/second.  |

 |
| **4. Range of azimuth and elevation angles** |
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| 360°, 90°  |

 |
| **5. Maximum attainable accuracy in determining orbital positions of space stations** |
|

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| --- |
| 0.3°/f[GHz]   |

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| **6. Information on system polarization** |
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| --- |
| Dual orthogonal linear mechanically adjusted.  |

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| **7. System noise temperature** |
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| --- |
| (b) 3.7 GHz - 4.2 GHz: 250 K |
| (c) 11.7 GHz - 12.2 GHz: 600 K  |

 |
| **8. Ranges of frequencies with the maximum attainable accuracy of frequency measurement for each frequency range** |
|

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| --- |
| (a) 1 GHz - 12 GHz: 1 × 10-9 |
| (b) 3.7 GHz - 4.2 GHz: 1 × 10-9 |
| (c) 11.7 GHz - 12.2 GHz: 1 × 10-9  |

 |
| **9. Ranges of frequencies in which field strength or power flux-density measurements can be performed** |
|

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| --- |
| (b) 3.7 GHz - 4.2 GHz |
| (c) 11.7 GHz - 12.2 GHz  |

 |
| **10. Minimum value of measurable field strength or power flux-density with indication of attainable accuracy of measurement** |
|

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| --- |
| (b) -175 dBW/m² ± 1 dB |
| (c) -165 dBW/m² ± 2 dB |
| Bandwidth 4 kHz.  |

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| **11. Information available for bandwidth measurements** |
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| Bandwidth measurements in accordance with the methods described in the Spectrum Monitoring Handbook.  |

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| **12. Information available for spectrum occupancy measurements** |
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| No information notified.  |

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| **13. Information available for orbit occupancy measurements** |
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| Orbit occupancy measurements are carried out on request.  |

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