|  |
| --- |
| J - Japan |
| **Centralizing office** | **Postal address** | **Telephone, Telefax, Electronic-mail** | **Remarks** |
|  |  |  |  |
| Telecommunications Bureau Ministry of Internal Affairs and Communications | Director GeneralTelecommunications BureauMinistry of Internal Affairs and Communications1-2, Kasumigaseki 2-chomeChiyoda-ku100-8926 Tokyo | TF : +81 3 52535911FAX : +81 3 52535915 |  |
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Stations in the Space radiocommunication services

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| --- | --- | --- |
| **Name of the station** | **Postal address** | **Telephone, Telefax, Electronic-mail** |
|  |  |  |  |
| **Tokyo (IMS)** | 1691, KoenboHassemachiMiura-CityKanagawa 238-0015Japan   | TF : +81 46 8882182FAX : +81 46 8871077   |

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| --- |
| **1. Geographical coordinates** |
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| --- |
| 35°12'24" N |
| 139°39'03" E  |

 |
| **2. Hours of service** |
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|  |
| --- |
| 2330-0815 h from Monday to Friday  |

 |
| **3. Information on antennas in use** |
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| --- |
| 13 m Cassegrain antenna for frequency ranges (a), (b), (c), (d), (e).   |

 |
| **4. Range of azimuth and elevation angles** |
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| 180°, 90°  |

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

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| --- |
| (a) L band: 0.030° rms |
| (b) S band: 0.023° rms |
| (c) C band: 0.016° rms |
| (d) Ku band: 0.010° rms |
| (e) Ka band: 0.010° rms |
| Accuracy in antenna pointing direction.  |

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| **6. Information on system polarization** |
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| Polarization tracking in all frequency ranges: |
| − Circular polarization (RHC, LHC), and |
| − Linear polarization (V, H).  |

 |
| **7. System noise temperature** |
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| --- |
| (a) L band: 171.2 K |
| (b) S band: 64.5 K |
| (c) C band: 180.1 K |
| (d) Ku band: 152.4 K |
| (e) Ka band: 237.4 K  |

 |
| **8. Ranges of frequencies with the maximum attainable accuracy of frequency measurement for each frequency range** |
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| --- |
| (a) L band: 1525 MHz - 1710 MHz |
| (b) S band: 2120 MHz - 2690 MHz |
| (c) C band: 3400 MHz - 4800 MHz |
| (d) Ku band: 10.7 GHz - 12.75 GHz |
| (e) Ka band: 17.7 GHz - 22 GHz |
| Sweep method: 10% of sweep span (C/N ≥ 15 dB). |
| Counter method: 1 × 10-6 (C/N ≥ 15 dB).  |

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

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| --- |
| (a) L band: 1525 MHz - 1710 MHz |
| (b) S band: 2120 MHz - 2690 MHz |
| (c) C band: 3400 MHz - 4800 MHz |
| (d) Ku band: 10.7 GHz - 12.75 GHz |
| (e) Ka band: 17.7 GHz - 22 GHz  |

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

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| --- |
| (a) L band: -157.1 dBm ~ -121.9 dBm ± 1 dB |
| (b) S band: -165.7 dBm ~ -126.8 dBm ± 1 dB |
| (c) C band: -168.2 dBm ~ -118.7 dBm ± 1 dB |
| (d) Ku band: -172.2 dBm ~ -121.1 dBm ± 1 dB |
| (e) Ka band: -152.1 dBm ~ -120.4 dBm ± 1 dB  |

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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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| Time and frequency of the signal from the satellite are graphically displayed on the spectrum monitor terminal.  |

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| **13. Information available for orbit occupancy measurements** |
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| Automatic orbital location measurements are carried out and the transition records of orbital locations are graphically displayed on the monitor terminal.  |

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