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| --- | --- | --- | --- |
| J - Japan | | | |
| **Centralizing office** | **Postal address** | **Telephone, Telefax, Electronic-mail** | **Remarks** |
|  |  |  |  |
| Telecommunications Bureau  Ministry of Internal Affairs and Communications | Director General Telecommunications Bureau Ministry of Internal Affairs and Communications 1-2, Kasumigaseki 2-chome Chiyoda-ku 100-8926 Tokyo | TF : +81 3 52535911 FAX : +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, Koenbo Hassemachi Miura-City Kanagawa 238-0015 Japan | TF : +81 46 8882182 FAX : +81 46 8871077 | |

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| --- |
| **1. Geographical coordinates** |
| |  | | --- | | 35°12'24" N | | 139°39'03" E | |
| **2. Hours of service** |
| |  | | --- | | 2330-0815 h from Monday to Friday | |
| **3. Information on antennas in use** |
| |  | | --- | | 13 m Cassegrain antenna for frequency ranges (a), (b), (c), (d), (e). | |
| **4. Range of azimuth and elevation angles** |
| |  | | --- | | 180°, 90° | |
| **5. Maximum attainable accuracy in determining orbital positions of space stations** |
| |  | | --- | | (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. | |
| **6. Information on system polarization** |
| |  | | --- | | Polarization tracking in all frequency ranges: | | − Circular polarization (RHC, LHC), and | | − Linear polarization (V, H). | |
| **7. System noise temperature** |
| |  | | --- | | (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** |
| |  | | --- | | (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** |
| |  | | --- | | (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** |
| |  | | --- | | (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 | |
| **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** |
| |  | | --- | | Time and frequency of the signal from the satellite are graphically displayed on the spectrum monitor terminal. | |
| **13. Information available for orbit occupancy measurements** |
| |  | | --- | | 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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