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| J - Japan | | | |
| **Centralizing office** | **Postal address** | **Telephone, Telefax, Electronic-mail** | **Remarks** |
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| 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 | PHONE: +81 3 52535911 TELEFAX: +81 3 52535915 EMAIL: kanshikokusai@ml.soumu.go.jp |  |
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Stations in the Terrestrial radiocommunication services

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| **Name of the station** | **Postal address** | **Telephone, Telefax, Electronic-mail** | |
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| **Aso** | 10-1, Kasuga 2-Chome Nishi-ku Kumamoto-City Kumamoto 860-8795 Japan | PHONE: +81 96 3128262 | |

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| **Geographical coordinates** | **Types of measurements** | **Ranges of frequencies for each measurement** | **Hours of service (UTC)** | **Remarks** |
| 33°01'25"N 131°02'50"E | Direction-finding measurements | 300 kHz - 30 MHz | 2330-0815 | Monday to Friday.  Geographical co-ordinates of the station indicate the location of the antenna.  Crossed loop antenna. |

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| **Name of the station** | **Postal address** | **Telephone, Telefax, Electronic-mail** | |
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| **Chitose** | 1-1 Nishi 2-Chome Kita-Hachijo Kita-Ku Sapporo-City Hokkaido 060-8795 Japan | PHONE: +81 11 7092311 | |

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| **Geographical coordinates** | **Types of measurements** | **Ranges of frequencies for each measurement** | **Hours of service (UTC)** | **Remarks** |
| 42°53'38"N 141°40'24"E | Direction-finding measurements | 300 kHz - 30 MHz | 2330-0815 | Monday to Friday.  Geographical co-ordinates of the station indicate the location of the antenna.  Crossed loop antenna. |

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| **Name of the station** | **Postal address** | **Telephone, Telefax, Electronic-mail** | |
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| **Ishigaki** | 1-9, Asahi-Machi Naha-City Okinawa 900-8795 Japan | PHONE: +81 98 8652309 | |

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| **Geographical coordinates** | **Types of measurements** | **Ranges of frequencies for each measurement** | **Hours of service (UTC)** | **Remarks** |
| 24°22'19"N 124°13'51"E | Direction-finding measurements | 300 kHz - 30 MHz | 2330-0815 | Monday to Friday.  Geographical co-ordinates of the station indicate the location of the antenna.  Crossed loop antenna. |

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| **Name of the station** | **Postal address** | **Telephone, Telefax, Electronic-mail** | |
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| **Suzu** | 2-60, Hirosaka 2-Chome Kanazawa-City Ishikawa 920-8795 Japan | PHONE: +81 76 2334442 | |

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| **Geographical coordinates** | **Types of measurements** | **Ranges of frequencies for each measurement** | **Hours of service (UTC)** | **Remarks** |
| 37°26'52"N 137°13'03"E | Direction-finding measurements | 300 kHz - 30 MHz | 2330-0815 | Monday to Friday.  Geographical co-ordinates of the station indicate the location of the antenna.  Crossed loop antenna. |

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| **Name of the station** | **Postal address** | **Telephone, Telefax, Electronic-mail** | |
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| **Tokyo (IMS)** | 1691, Koenbo Hassemachi Miura-City Kanagawa 238-0015 Japan | PHONE: +81 46 8882182 TELEFAX: +81 46 8871077 | |

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| **Geographical coordinates** | **Types of measurements** | **Ranges of frequencies for each measurement** | **Hours of service (UTC)** | **Remarks** |
| 35°12'24"N 139°39'03"E | Frequency measurements | 90 kHz - 30 MHz | 2330-1145 | Monday to Friday. |
| 35°12'24"N 139°39'03"E | Bandwidth measurements | 90 kHz - 30 MHz | 2330-1145 | Monday to Friday. |
| 35°12'24"N 139°39'03"E | Automatic spectrum occupancy surveys | 90 kHz - 30 MHz | 2330-1145 | Monday to Friday. |
| 35°12'24"N 139°39'03"E | Field strength or power flux-density measurements | 300 kHz - 30 MHz | 2330-1145 | Monday to Friday.  Minimum values of measurable field strength show those obtained where external noise is neglected. |
| 35°34'07"N 140°24'36"E | Direction-finding measurements | 300 kHz - 30 MHz | 2330-1145 | Monday to Friday.  Geographical co-ordinates of the station indicate the location of the antenna.  Crossed loop antenna. |

Stations in the Space radiocommunication services

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| **Name of the station** | **Postal address** | **Telephone, Telefax, Electronic-mail** | |
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| **Tokyo (IMS)** | 1691, Koenbo Hassemachi Miura-City Kanagawa 238-0015 Japan | PHONE: +81 46 8882182 TELEFAX: +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), (d), (e). 7.6 m Gregorian antenna for frequency range (c). | |
| **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: 0.021° 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: 62.4 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 - 4200 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 - 4200 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: -178.2 dBm ~ -111.0 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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