|  |  |  |  |
| --- | --- | --- | --- |
| VTN - Viet Nam | | | |
| **Centralizing office** | **Postal address** | **Telephone, Telefax, Electronic-mail** | **Remarks** |
|  |  |  |  |
| Authority of Radio Frequency Management | 115, Tran Duy Hung street Cau Giay district Ha Noi City | TF : +84 345564926 FAX : +84 345564930 EMAIL : KiemsoatTS@rfd.gov.vn |  |
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Stations in the Space radiocommunication services

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| --- | --- | --- | --- |
| **Name of the station** | **Postal address** | **Telephone, Telefax, Electronic-mail** | |
|  |  |  |  |
| **Viet Tri (IMS)** | Duu Lau ward Viet Tri City Viet Nam | TF : +84 2103840505 FAX : +84 2103840504 EMAIL : dks.tt8@rfd.gov.vn | |

|  |
| --- |
| **1. Geographical coordinates** |
| |  | | --- | | 21°20'21'' N | | 105°24'24'' E | |
| **2. Hours of service** |
| |  | | --- | | H24: on request. | |
| **3. Information on antennas in use** |
| |  | | --- | | 6.3 m Cassegrain antenna for frequency ranges 3.4 GHz to 4.2 GHz and 10.70 GHz to 12.75 GHz; slew rate 0.46° to 0.85°/second (azimuth), 0.41° to 0.51°/second (elevation). | |
| **4. Range of azimuth and elevation angles** |
| |  | | --- | | Azimuth 79° to 279°, elevation 0° to 90°. | |
| **5. Maximum attainable accuracy in determining orbital positions of space stations** |
| |  | | --- | | ≤ 0.03° and in accordance with ITU-R Recommendations and the Handbook on Spectrum Monitoring. | |
| **6. Information on system polarization** |
| |  | | --- | | Linear (H, V) | |
| **7. System noise temperature** |
| |  | | --- | | (a) C band: 95° K | | (b) Ku band: 145° K | |
| **8. Ranges of frequencies with the maximum attainable accuracy of frequency measurement for each frequency range** |
| |  | | --- | | (a) C band: 3.4 GHz - 4.2 GHz: 1 × 10-12 | | (b) Ku Band: 10.7 GHz - 12.75 GHz: 1 × 10-12 | |
| **9. Ranges of frequencies in which field strength or power flux-density measurements can be performed** |
| |  | | --- | | (a) C band: 3.4 GHz - 4.2 GHz | | (b) Ku Band: 10.7 GHz - 12.75 GHz | |
| **10. Minimum value of measurable field strength or power flux-density with indication of attainable accuracy of measurement** |
| |  | | --- | | (a) ~ -168 dBW/m² ± 1.5 dB | | (b) ~ -168 dBW/m² ± 1.5 dB | | Bandwidth 4 kHz, S/N ≥ 10 dB | |
| **11. Information available for bandwidth measurements** |
| |  | | --- | | X dB and β/2% methods, using spectrum analyser. | |
| **12. Information available for spectrum occupancy measurements** |
| |  | | --- | | Frequency occupancy and channel occupancy measurements. | |
| **13. Information available for orbit occupancy measurements** |
| |  | | --- | | GSO orbit positions can be measured. | |

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