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| --- | --- | --- | --- |
| UKR - Ukraine | | | |
| **Centralizing office** | **Postal address** | **Telephone, Telefax, Electronic-mail** | **Remarks** |
|  |  |  |  |
| Ukranian State Centre of Radio Frequencies | 15 km pr. Peremogy 03179 Kyiv | TF : +380 44 4228103 FAX : +380 44 4228181 EMAIL : www.ucrf.gov.ua EMAIL : centre@ucrf.gov.ua |  |
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Stations in the Space radiocommunication services

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| --- | --- | --- | --- |
| **Name of the station** | **Postal address** | **Telephone, Telefax, Electronic-mail** | |
|  |  |  |  |
| **Kyiv** | 15 km, pr. Peremogy 03179 Kyiv Ukraine | TF : +380 44 422 8103 FAX : +380 44 422 8181 EMAIL : centre@ucrf.gov.ua | |

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| --- |
| **1. Geographical coordinates** |
| |  | | --- | | 30°17'30" E | | 50°26'54" N | |
| **2. Hours of service** |
| |  | | --- | | 0830-1715 h from Monday to Thursday | | 0830-1600 h on Friday | |
| **3. Information on antennas in use** |
| |  | | --- | | 7.3 m Cassegrain antenna. | |
| **4. Range of azimuth and elevation angles** |
| |  | | --- | | 123° - 238°, 0° - 90° | |
| **5. Maximum attainable accuracy in determining orbital positions of space stations** |
| |  | | --- | | 0.1° | |
| **6. Information on system polarization** |
| |  |  | | --- | --- | | (a) | 3.7 GHz - 4.2 GHz - circular polarization (RHC, LHC) | | (b) | 10.7 GHz - 12.2 GHz - linear polarization (horizontal and vertical). | |
| **7. System noise temperature** |
| |  | | --- | | No information notified. | |
| **8. Ranges of frequencies with the maximum attainable accuracy of frequency measurement for each frequency range** |
| |  |  |  | | --- | --- | --- | | (a) | 3.7 GHz - 4.2 GHz: | 1 × 10-6 | | (b) | 10.7 GHz - 12.75 GHz: | 1 × 10-6 | |
| **9. Ranges of frequencies in which field strength or power flux-density measurements can be performed** |
| |  |  | | --- | --- | | (a) | 3.7 GHz - 4.2 GHz | | (b) | 10.7 GHz - 12.75 GHz | |
| **10. Minimum value of measurable field strength or power flux-density with indication of attainable accuracy of measurement** |
| |  | | --- | | Accuracy: ± 0.2 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** |
| |  | | --- | | Spectrum occupancy measurements can be done using subsystem for spectrum monitoring in the C and Ku bands. Measurement results can be presented as spectrogram or waterfall diagram. As well measurement results are automatically stored in distributed database. | |
| **13. Information available for orbit occupancy measurements** |
| |  | | --- | | Radio monitoring system is able to check given orbit occupancy if satellite frequency plan is known. Measurement results can be presented as spectrograms. Semiautomatic frequency monitoring of given satellites can be done on request. | |

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