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| OMA - Oman |
| **Centralizing office** | **Postal address** | **Telephone, Telefax, Electronic-mail** | **Remarks** |
|  |  |  |  |
| Telecommunication Regulatory AuthorityMuscatSultanate of Oman | P.O.Box: 3555P.C.: 111, SeebSultanate of Oman | PHONE: +968 24222248PHONE: +968 24222256TELEFAX: +968 24222235EMAIL: almoatasim@tra.gov.omEMAIL: saleh.hadrami@tra.gov.om |  |
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Stations in the Space radiocommunication services

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| **Name of the station** | **Postal address** | **Telephone, Telefax, Electronic-mail** |
|  |  |  |  |
| **Satellite Radio Monitoring Station (SRMS)** | P.O.Box 3555P.C.: 111SeebSultanate of Oman | PHONE: +968 24222256PHONE: +968 24222274TELEFAX: +968 24222275EMAIL: srms@tra.gov.om |

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| **1. Geographical coordinates** |
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| 23°33'09"N  |
| 058°19'59"E  |

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| **2. Hours of service** |
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| Sunday – Thursday(07:30 AM – 03:00 PM) Oman time(03:30 AM – 11:00 AM) UTC   |

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| **3. Information on antennas in use** |
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| (A1) Two 7.3 m Turning-Head Antennas for frequency range (a), (b)(A2) Two 6.2 m Turning-Head Antennas for frequency range (c), (d)(A3) Two 3.7 m Full Motion Antennas for frequency range (e)(A4) One 3.7 m Full Motion Antenna for frequency range (f), (g), (h)   |

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| **4. Range of azimuth and elevation angles** |
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| (A1) AZI = 94° – 266° \_ELE = 5° – 85°(A2) AZI = 94° – 266° \_ELE = 5° – 85°(A3) AZI = 5° – 355° \_ELE = 5° – 85°(A4) AZI = 5° – 355° \_ELE = 5° – 85°  |

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| **5. Maximum attainable accuracy in determining orbital positions of space stations** |
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| 0.02°   |

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| **6. Information on system polarization** |
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| Linear Polarization (Horizontal and Vertical) in frequency ranges (a), (b), (c), (d), (f), (g), (h).Circular Polarization (RHC and LHC) in frequency ranges (a), (d), (e), (f), (g)   |

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| **7. System noise temperature** |
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| 105 K for frequency range (a)175 K for frequency range (b)145 K for frequency range (c)344 K for frequency range (d)180 K for frequency range (e)497 K for frequency range (f)520 K for frequency range (g)813 K for frequency range (h)   |

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| **8. Ranges of frequencies with the maximum attainable accuracy of frequency measurement for each frequency range** |
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| (a) 3.4 - 4.8 GHz: 1 x 10⁻¹²(b) 10.7 - 12.75 GHz: 1 x 10⁻¹²(c) 7.25 - 7.75 GHz: 1 x 10⁻¹²(d) 17.6 - 22 GHz: 1 x 10⁻¹²(e) 1.4 - 2.4 GHz: 1 x 10⁻¹²(f) 0.08 - 1.3 GHz: 1 x 10⁻¹²(g) 1 - 18 GHz: 1 x 10⁻¹²(h) 18 - 40 GHz: 1 x 10⁻¹²   |

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

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| **10. Minimum value of measurable field strength or power flux-density with indication of attainable accuracy of measurement** |
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| -190 dBW/m² with ± 1.5 dB at 4 kHz BW.   |

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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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| Automatic and Manual spectrum occupancy measurements are carried out in all frequency ranges.   |

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| **13. Information available for orbit occupancy measurements** |
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| Automatic and Manual orbit occupancy measurements are carried out in all frequency ranges.   |

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