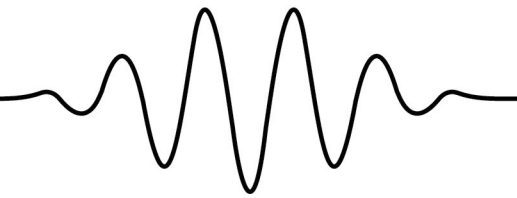




Radio Society of Great Britain

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## **Reference Data for use in the Intermediate Level Examination**

### **What next:**

Once your paper arrives at RSGB HQ it will usually be processed after 6 working days have elapsed, then your official result will be posted to you and uploaded to the Ofcom system. Results are not available any sooner.

To obtain your licence please log on to the Ofcom website [www.ofcom.org.uk](http://www.ofcom.org.uk) and follow the online instructions.

### **Queries:**

Invigilators are not permitted to explain or comment on questions but you may draw their attention to any question you believe is wrong.

Please do that before you hand in your paper to allow the question number to be noted.

You may also comment on any aspect of the examination, either to the invigilators or to the RSGB Examinations Office [exams@rsgb.org.uk](mailto:exams@rsgb.org.uk). All comments should be received within 5 days of the examination.

All comments are dealt with in strict confidence.

## Intermediate Licence Parameters

| Frequency Bands (in MHz) | Status of allocations in UK to the Amateur Service   | Status of allocations in UK to the Amateur Satellite Service | Maximum Peak Envelope Power level in Watts (and dB relative to 1 Watt) |
|--------------------------|--|--|--|
| 0.1357-0.1378            | Secondary. Available on the basis of non-interference to other services inside or outside the UK.      | Not allocated  | 1W (0 dBW) e.r.p.  |
| 1.810-1.830              | Primary. Available on the basis of non-interference to other services outside the UK                   | Not allocated  | 50W (17 dBW)   |
| 1.830-1.850              | Primary  | Not allocated  | 50W (17 dBW)   |
| 1.850-2.000              | Secondary. Available on the basis of non-interference to other services inside or outside the UK       | Not allocated  | 32W (15 dBW)   |
| 3.500-3.800              | Primary. Shared with other services  | Not allocated  | 50W (17 dBW)   |
| 7.000-7.100              | Primary  | Primary  | 50W (17 dBW)   |
| 7.100-7.200              | Primary  | Not allocated  | 50W (17 dBW)   |
| 10.100-10.150            | Secondary  | Not allocated  | 50W (17 dBW)   |
| 14.000-14.250            | Primary  | Primary  | 50W (17 dBW)   |
| 14.250-14.350            | Primary  | Not allocated  | 50W (17 dBW)   |
| 18.068-18.168            | Primary  | Primary  | 50W (17 dBW)   |
| 21.000-21.450            | Primary  | Primary  | 50W (17 dBW)   |
| 24.890-24.990            | Primary  | Primary  | 50W (17 dBW)   |
| 28.000-29.700            | Primary  | Primary  | 50W (17 dBW)   |
| 50.00-51.00              | Primary. Available on the basis of non-interference to other services outside the UK                   | Not allocated  | 50W (17 dBW)   |
| 51.00-52.00              | Secondary. Available on the basis of non-interference to other services inside or outside the UK       | Not allocated  | 50W (17 dBW)   |
| 70.00-70.50              | Secondary. Available on the basis of non-interference to other services inside or outside the UK       | Not allocated  | 50W (17 dBW)   |
| 144.0-146.0              | Primary  | Primary  | 50W (17 dBW)   |
| 430.0-431.0              | Secondary  | Not allocated  | 40W (16 dBW) e.r.p.  |
| 431.0-432.0              | Secondary. Not available for use within 100km radius of Charing Cross, London (51°30'30"N, 00°07'24"W) | Not allocated  | 40W (16 dBW) e.r.p.  |
| 432.0-435.0              | Secondary  | Not allocated  | 50W (17 dBW)   |
| 435.0-438.0              | Secondary  | Secondary  | 50W (17 dBW)   |
| 438.0-440.0              | Secondary  | Not allocated  | 50W (17 dBW)   |

| Frequency Bands (in MHz) | Status of allocations in UK to the Amateur Service   | Status of allocations in UK to the Amateur Satellite Service                   | Maximum Peak Envelope Power level in Watts (and dB relative to 1 Watt) |
|--------------------------|--|--|--|
| 1240-1260                | Secondary  | Not allocated  | 50W (17 dBW)   |
| 1260-1270                | Secondary  | Secondary. Earth to space only   | 50W (17 dBW)   |
| 1270-1325                | Secondary  | Not allocated  | 50W (17 dBW)   |
| 2310-2350                | Secondary. Available on the basis of non-interference to other services inside or outside the UK             | Not allocated  | 50W (17 dBW)   |
| 2390-2400                | Secondary. Available on the basis of non-interference to other services inside or outside the UK             | Not allocated  | 50W (17 dBW)   |
| 2400-2450                | Secondary. Users must accept interference from ISM users.  | Secondary. Users must accept interference from ISM users.                      | 50W (17 dBW)   |
| 3400-3410                | Secondary. Available on the basis of non-interference to other services inside or outside the UK             | Not allocated  | 50W (17 dBW)   |
| 5650-5670                | Secondary  | Secondary. Earth to space only   | 50W (17 dBW)   |
| 5670-5680                | Secondary  | Not allocated  | 50W (17 dBW)   |
| 5755-5765                | Secondary. Users must accept interference from ISM users.  | Not allocated  | 50W (17 dBW)   |
| 5820-5830                | Secondary. Users must accept interference from ISM users.  | Not allocated  | 50W (17 dBW)   |
| 5830-5850                | Secondary. Users must accept interference from ISM users.  | Secondary. Users must accept interference from ISM users. Space to Earth only. | 50W (17 dBW)   |
| 10000-10125              | Secondary  | Not allocated  | 50W (17 dBW)   |
| 10225-10450              | Secondary  | Not allocated  | 50W (17 dBW)   |
| 10450-10475              | Secondary  | Secondary  | 50W (17 dBW)   |
| 10475-10500              | Not allocated  | Secondary  | 50W (17 dBW)   |
| 24000-24050              | Primary. Users must accept interference from ISM users   | Primary. Users must accept interference from ISM users                         | 50W (17 dBW)   |
| 24050-24150              | Secondary. May only be used with the written consent of Ofcom. Users must accept interference from ISM users | Not allocated  | 50W (17 dBW)   |
| 24150-24250              | Secondary  | Not allocated  | 50W (17 dBW)   |
| 47000-47200              | Primary  | Primary  | 50W (17 dBW)   |
| 75500-75875              | Secondary  | Secondary  | 50W (17 dBW)   |
| 75875-76000              | Primary  | Primary  | 50W (17 dBW)   |
| 76000-77500              | Secondary  | Secondary  | 50W (17 dBW)   |
| 77500-78000              | Primary  | Primary  | 50W (17 dBW)   |
| 78000-79000              | Secondary  | Secondary  | 50W (17 dBW)   |
| 79000-81000              | Secondary  | Secondary  | 50W (17 dBW)   |
| 122250-123000            | Secondary  | Not allocated  | 50W (17 dBW)   |
| 134000-136000            | Primary  | Primary  | 50W (17 dBW)   |
| 136000-141000            | Secondary  | Secondary  | 50W (17 dBW)   |
| 241000-248000            | Secondary  | Secondary  | 50W (17 dBW)   |
| 248000-250000            | Primary  | Primary  | 50W (17 dBW)   |

**For examination use only**

