

**Amateur Radio Interface Specifications**

**Contact Information**

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**List of Amateur Radio Interface Specifications**

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| **Reference Number** | **Service** | **Application** | **Frequency Band** | **Comments** |
| TAD08-01-01 | Amateur | Amateur | 135.7-137.8 kHz 472 - 479 kHz | Portable, Fixed Radio |
| TAD08-01-02 | Amateur | Amateur | 1810–1840 kHz  1840–1850 kHz | Portable, Fixed Radio |
| TAD08-01-03 | Amateur | Amateur | 3500 - 3800 kHz  5351.5-5366.5 kHz 7000 - 7200 kHz  10100 - 10150 kHz  14000 - 14350 kHz  18068 - 18168 kHz  21000 - 21450 kHz  24890 - 24990 kHz  28000 - 29700 kHz | Portable, Fixed Radio |
| TAD08-01-04 | Amateur | Amateur | 50.000 - 52.000 MHz | Portable, Fixed Radio |
| TAD08-01-05 | Amateur | Amateur | 144–146 MHz  430.200–430.700 MHz  431.550–431.825 MHz  432,000–432,975 MHz  433.400–433.575 MHz  435.000–437.975 MHz  439.150–439.425 MHz | Portable, Fixed Radio, Vehicle, Repeater |
| TAD08-01-06 | Amateur | Amateur | 1240–1300 MHz  5650–5670 MHz  5820–5850 MHz  10450–10452 MHz  24000–24050 MHz  47000–47200 MHz  75500–76000 MHz  134000-136000 MHz  136000-142000 MHz | Portable, Fixed Radio, Vehicle, Amateur Satellite |

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| **Republic of Turkey**  **Information and Communications Technologies Authority** | **Radio Interface Specification** | **Amateur** | **TAD08-01-01** |  |

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|  | **Nr** | **Parameter** | **Description** | **Comments** |
| **Normative Part** | **1** | **Radiocommunication Service** | Amateur |  |
| **2** | **Application** | Amateur | Fixed Radio |
| **3** | **Frequency Band** | 135.7-137.8 kHz, 472-479 kHz |  |
| **4** | **Channelling** | - |  |
| **5** | **Modulation/Occupied Bandwidth** | A1A, A1B |  |
| **6** | **Direction /Separation** |  |  |
| **7** | **Transmitter Power/ Power Density** | Maximum 1 W transmitter power, 5 W p.e.p. (135.7137.8 kHz)  Maximum 5 W transmitter power (472-479 kHz) |  |
| **8** | **Channel Access and Occupation Rules** |  |  |
| **9** | **Authorization Regime** | Exempt from frequency assignment  Authorisation required without prejudice to the Article 8/2 of Electronic Communications Law Numbered 5809 | Class A Amateur Radio Certificate holders are exempt from assignment (limits apply) within the scope of the By-law on Radio Devices and Systems Exempt from Frequency Assignment. |
| **10** | **Additional Essential Requirements** |  |  |
| **11** | **Frequency Planning Assumption** |  |  |
| **Informative Part** | **12** | **Planned Changes** |  |  |
| **13** | **Reference** | EN 301 783 / EN 301 489-1 (EMC) / EN 301  489-15 (EMC) / EN 62368-1 (LVD) / Technical Criteria for Radio Devices and Systems Exempt from Frequency Assignment | Commercial products are recommended to comply with these standards. |
| **14** | **Notification Number** |  |  |
| **15** | **Remarks** |  |  |

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| **Republic of Turkey**  **Information and Communications Technologies Authority** | **Radio Interface Specification** | **Amateur** | **TAD08-01-02** |  |

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|  | **Nr** | **Parameter** | **Description** | **Comments** |
| **Normative Part** | **1** | **Radiocommunication Service** | Amateur |  |
| **2** | **Application** | Amateur | Fixed Radio |
| **3** | **Frequency Band** | 1810–1840 kHz, 1840–1850 kHz |  |
| **4** | **Channelling** |  |  |
| **5** | **Modulation/Occupied Bandwidth** | A1A, J3E | J3E emission can be only used in 1832 – 1835 kHz frequency band. |
| **6** | **Direction / Separation** |  |  |
| **7** | **Transmitter Power/ Power Density** | Maximum 9 W transmitter power Maximum 30 W p.e.p. |  |
| **8** | **Channel Access and occupation rules** |  |  |
| **9** | **Authorization Regime** | Exempt from frequency assignment  Authorisation required without prejudice to the Article 8/2 of Electronic Communications Law Numbered 5809 | Class A, B and C Amateur Radio Certificate holders are exempt from frequency assignment (limits apply) within the scope of the By-law on Radio Devices and Systems Exempt from Frequency Assignment. |
| **10** | **Additional essential requirements** |  |  |
| **11** | **Frequency Planning Assumption** |  |  |
| **Informative Part** | **12** | **Planned Changes** |  |  |
| **13** | **Reference** | EN 301 783 / EN 301 489-1 (EMC) / EN 301 489-15 (EMC) / EN 62368-1 (LVD) / Technical Criteria for Radio Devices and Systems Exempt from Frequency Assignment | Commercial products are recommended to comply with these standards. |
| **14** | **Notification Number** |  |  |
| **15** | **Remarks** |  |  |

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| **Republic of Turkey**  **Information and Communications Technologies Authority** | **Radio Interface Specification** | **Amateur** | **TAD08-01-03** |  |

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|  | **Nr** | **Parameter** | **Description** | **Comments** |
| **Normative Part** | **1** | **Radiocommunication Service** | Amateur |  |
| **2** | **Application** | Amateur | Fixed Radio |
| **3** | **Frequency Band** | 3500 - 3800 kHz  5351.5 - 5366.5 kHz  7000 - 7200 kHz  10100 - 10150 kHz  14000 - 14350 kHz  18068 - 18168 kHz  21000 - 21450 kHz  24890 - 24990 kHz  28000 - 29700 kHz |  |
| **4** | **Channelling** |  |  |
| **5** | **Modulation/ Bandwidth** | A1A, A1B, A2A,A3C, F1A, F2B, F2A, H3E, J2A, J2B, J3C, J3E, R3E |  |
| **6** | **Direction/Separation** |  |  |
| **7** | **Transmitter Power/ Power Density** | Maximum 75 W transmitter power  Maximum 75 W, 100 W, 400 W p.e.p. | Maximum transmitter power will be 15 W in the 5351.5-5366.5 kHz frequency band. |
| **8** | **Channel Access and Occupation Rules** |  |  |
| **9** | **Authorization Regime** | Exempt from frequency assignment  Authorisation required without prejudice to the Article 8/2 of Electronic Communications Law Numbered 5809 | Class A Amateur Radio Certificate holders are exempt from frequency assignment (limits apply) within the scope of the By-law on Radio Devices and Systems Exempt from Frequency Assignment. |
| **10** | **Additional Essential Requirements** |  |  |
| **11** | **Frequency Planning Assumption** |  |  |
| **Informative Part** | **12** | **Planned Changes** |  |  |
| **13** | **Reference** | EN 301 783 / EN 301 489-1 (EMC) / EN 301  489-15 (EMC) / EN 62368-1 (LVD) / Technical Criteria for Radio Devices and Systems Exempt from Frequency Assignment | Commercial products are recommended to comply with these standards. |
| **14** | **Notification Number** |  |  |
| **15** | **Remarks** |  |  |

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| **Republic of Turkey**  **Information and Communications Technologies Authority** | **Radio Interface Specification** | **Amateur** | **TAD08-01-04** |  |

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|  | **Nr** | **Parameter** | **Description** | **Comments** |
| **Normative Part** | **1** | **Radiocommunication Service** | Amateur |  |
| **2** | **Application** | Amateur | Portable, Fixed Radio |
| **3** | **Frequency Band** | 50.000 - 52.000 MHz |  |
| **4** | **Channelling** |  |  |
| **5** | **Modulation/Occupied Bandwidth** | A1A, A1B, A2A,A3C, F1A, F2B, F2A, H3E, J2A, J2B, J3C, J3E, R3E |  |
| **6** | **Direction /Separation** |  |  |
| **7** | **Transmitter Power/ Power Density** | Maximum 75 W transmitter power Maximum 75 W p.e.p. |  |
| **8** | **Channel Access and Occupation Rules** |  |  |
| **9** | **Authorization Regime** | Exempt from frequency assignment  Authorisation required without prejudice to the Article 8/2 of Electronic Communications Law Numbered 5809 | Class A and B Amateur Radio Certificate holders are exempt from frequency assignment (limits apply) within the scope of the By-law on Radio Devices and Systems Exempt from Frequency Assignment. |
| **10** | **Additional essential requirements** |  |  |
| **11** | **Frequency planning assumptions** |  |  |
| **Informative Part** | **12** | **Planned changes** |  |  |
| **13** | **Reference** | EN 301 783 / EN 301 489-1 (EMC) / EN 301 48915 (EMC) / EN 62368-1 (LVD) Technical Criteria for Radio Devices and Systems Exempt from Frequency Assignment | Commercial products are recommended to comply with these standards. |
| **14** | **Notification Number** |  |  |
| **15** | **Remarks** |  |  |

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| **Republic of Turkey**  **Information and Communications Technologies Authority** | **Radio Interface Specification** | **Amateur** | **TAD08-01-05** |  |

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|  | **Nr** | **Parameter** | **Description** | **Comments** |
| **Normative Part** | **1** | **Radiocommunication Service** | Amateur |  |
| **2** | **Application** | Amateur | Portable, Fixed Radio, Vehicle, Repeater |
| **3** | **Frequency band** | 144–146 MHz  430.200–430.700 MHz  431.550–431.825 MHz  432.000–432.975 MHz  433.400–433.575 MHz  435.000–437.975 MHz  439.150–439.425 MHz |  |
| **4** | **Channelling** | 12.5 kHz, 25 kHz |  |
| **5** | **Modulation / Occupied Bandwidth** | A1A, A1B, A2A, A2B, A3C, A3F, C3F, F1A,  F1B, F2A, F2B, F3E, F3F, G3E, H3E, J2A, J2B, J2C, J3E, J3F, R3E |  |
| **6** | **Direction/Separation** |  |  |
| **7** | **Transmit Power / Power Density** | Maximum 75 W transmitter power Maximum 400 W p.e.p. |  |
| **8** | **Channel Access And Occupation Rules** |  |  |
| **9** | **Authorization Regime** | Exempt from frequency assignment  Authorisation required without prejudice to the Article 8/2 of Electronic Communications Law Numbered 5809 | Class A, B and C Amateur Radio Certificate holders are exempt from frequency assignment (limits apply) within the scope of the By-law on Radio Devices and Systems Exempt from Frequency Assignment. |
| **10** | **Additional Essential Requirements** |  |  |
| **11** | **Frequency Planning Assumptions** |  |  |
| **Informative Part** | **12** | **Planned Changes** |  |  |
| **13** | **Reference** | EN 301 783 / EN 301 489-1 (EMC) / EN 301 48915 (EMC) / EN 62368-1 (LVD) / Technical Criteria for Radio Devices and Systems Exempt from Frequency Assignment | Commercial products are recommended to comply with these standards. |
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| **15** | **Remarks** |  |  |

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| **Republic of Turkey**  **Information and Communications Technologies Authority** | **Radio Interface Specification** | **Amateur** | **TAD08-01-06** |  |

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|  | **Nr** | **Parameter** | **Description** | **Comments** |
| **Normative Part** | **1** | **Radiocommunication Service** | Amateur |  |
| **2** | **Application** | Amateur | Portable, Fixed Radio, Amateur Satellite |
| **3** | **Frequency band** | 1240–1300 MHz  5650–5670 MHz  5820–5850 MHz  10450–10452 MHz  24000–24050 MHz  47000–47200 MHz  75500–76000 MHz  134000-136000 MHz  136000-142000 MHz |  |
| **4** | **Channelling** |  |  |
| **5** | **Modulation / Occupied bandwidth** | A1A, A1B, A2A, A2B, A3C, A3F, C3F, F1A, F1B, F2A, F2B, F3E, F3F, G3E, H3E, J2A, J2B, J2C, J3E, J3F, R3E |  |
| **6** | **Direction/Separation** |  |  |
| **7** | **Transmit Power / Power Density** | Maximum 75 W transmitter power Maximum 400 W p.e.p. |  |
| **8** | **Channel Access And Occupation Rules** |  |  |
| **9** | **Authorization Regime** | Exempt from frequency assignment  Authorisation required without prejudice to the Article 8/2 of Electronic Communications Law Numbered 5809 | Class A and B Amateur Radio Certificate owners are exempt from frequency assignment (limits apply) within the scope of the By-law on Radio Devices and Systems Exempt from Frequency Assignment. |
| **10** | **Additional Essential Requirements** |  |  |
| **11** | **Frequency Planning Assumptions** |  |  |
| **Informative Part** | **12** | **Planned Changes** |  |  |
| **13** | **Reference** | EN 301 783 / EN 301 489-1 (EMC) / EN 301 489-15 (EMC) / EN 62368-1 (LVD) / Technical Criteria for Radio Devices and Systems Exempt from Frequency Assignment | Commercial products are recommended to comply with these standards. |
| **14** | **Notification Number** |  |  |
| **15** | **Remarks** |  |  |