

## Concours de Printemps

3-4 mai 2025

### Classement mono-opérateur 144MHz

| Place | Indicatif | Score | QSO | Moy.  | Locator | ASL | ODX     | QRB | Err. % | Power |
|-------|-----------|-------|-----|-------|---------|-----|---------|-----|--------|-------|
| 1.    | F5JFU     | 35012 | 96  | 363.7 | JN17WI  | 464 | GW4CC   | 752 | 2.9    | C     |
| 2.    | F4EEJ/P   | 20186 | 75  | 268.1 | IN95VO  | 80  | DR9A    | 733 | 0.8    | B     |
| 3.    | F8CND/P   | 17563 | 40  | 438.1 | JN38RP  | 360 | OM3KII  | 751 | 0.0    | B     |
| 4.    | F1TRE     | 17146 | 42  | 407.2 | JN37PV  | 242 | OM3KII  | 776 | 1.2    | C     |
| 5.    | F1GGS     | 16503 | 41  | 401.5 | JN15OV  | 317 | DR7C    | 793 | 9.6    | C     |
| 6.    | F6GPT     | 16483 | 55  | 298.7 | IN94SV  | 25  | F4KJP/P | 660 | 0.4    | C     |
| 7.    | F5XU      | 16440 | 48  | 341.5 | JN15MR  | 850 | DR7C    | 815 | 5.2    | B     |
| 8.    | F1RHS     | 15881 | 52  | 304.4 | JN03PV  | 140 | F4KJP/P | 689 | 0.0    | C     |
| 9.    | F1NZC     | 15299 | 41  | 372.1 | JN15MR  | 900 | DK0NA   | 818 | 1.0    | C     |
| 10.   | F6FYA     | 15251 | 55  | 276.3 | JN07GI  | 61  | DA0FF   | 770 | 0.9    | C     |
| 11.   | F5JMI     | 14924 | 55  | 270.3 | JN24JB  | 120 | EA1IT   | 723 | 19.5   | B     |
| 12.   | TM47REF   | 14910 | 53  | 280.3 | JN04HC  | 160 | TK4BB   | 725 | 4.1    | B     |
| 13.   | TM89REF   | 14818 | 43  | 343.6 | JN17MU  | 200 | DF0LU   | 743 | 15.9   | B     |
| 14.   | F5NLL     | 14811 | 37  | 399.3 | JN03MD  | 420 | DR9A    | 836 | 0.0    | B     |
| 15.   | TK4BB     | 14708 | 45  | 325.8 | JN42QP  | 200 | TM47REF | 725 | 0.0    | B     |
| 16.   | F4HOG     | 13561 | 44  | 307.2 | JN09OJ  | 157 | F6KPH/P | 708 | 14.3   | B     |
| 17.   | F6GYH     | 13431 | 42  | 318.8 | JN27TS  | 352 | OL1C    | 670 | 15.8   | C     |
| 18.   | F5MFI     | 12710 | 39  | 324.9 | JN07XT  | 145 | DR7C    | 765 | 2.3    | A     |
| 19.   | F4DYY     | 11581 | 43  | 268.3 | IN95PL  | 50  | F4KJP/P | 621 | 13.3   | B     |
| 20.   | F5JGY     | 10675 | 36  | 295.5 | JN04XV  | 570 | DR9A    | 644 | 1.0    | B     |
| 21.   | F8EXM     | 10203 | 31  | 328.1 | IN96OW  | 120 | DR9A    | 711 | 0.9    | B     |
| 22.   | F4FFS     | 9933  | 31  | 319.4 | JN17AW  | 113 | EA1IT   | 730 | 5.7    | A     |
| 23.   | F4HRD     | 9815  | 32  | 305.7 | JO00XX  | 13  | DR1H    | 672 | 4.2    | B     |
| 24.   | F4DZO     | 9666  | 44  | 218.7 | JN18GT  | 108 | PA1T    | 573 | 4.2    | C     |
| 25.   | F5GXX     | 8866  | 33  | 267.7 | IN95LP  | 22  | F4KJP/P | 625 | 0.0    | C     |
| 26.   | F6BZJ     | 8449  | 31  | 271.5 | IN96NM  | 75  | EA3EBN  | 584 | 0.0    | B     |
| 27.   | F6HRE     | 8432  | 26  | 323.3 | IN93GK  | 40  | TM5R    | 746 | 0.0    | C     |
| 28.   | F6HZZ     | 8234  | 31  | 264.6 | JN23CP  | 27  | TM5R    | 690 | 7.5    | B     |
| 29.   | F1ITO     | 7570  | 31  | 243.2 | JN23UE  | 320 | EA1IT   | 792 | 3.4    | C     |
| 30.   | F4EWP     | 6969  | 21  | 330.9 | JN07BV  | 42  | DK0PU   | 628 | 3.2    | B     |
| 31.   | F6HTJ     | 6475  | 21  | 307.3 | JN12KQ  | 70  | DR9A    | 791 | 8.2    | C     |
| 32.   | F6FDR     | 6374  | 21  | 302.5 | JO00WB  | 21  | DA0FF   | 576 | 0.0    | B     |
| 33.   | F1EIT     | 6166  | 15  | 410.1 | JN03SJ  | 275 | TM5R    | 701 | 21.3   | B     |
| 34.   | F4WCE     | 5928  | 20  | 295.4 | IN87CW  | 130 | F4KJP/P | 666 | 0.0    | B     |
| 35.   | F1RDL     | 5820  | 26  | 222.8 | JN25KU  | 200 | G8T     | 645 | 7.6    | C     |

|     |         |      |    |       |        |       |         |     |      |   |
|-----|---------|------|----|-------|--------|-------|---------|-----|------|---|
| 36. | F4DVO   | 5747 | 23 | 248.9 | JN17BW | 120   | G4PIQ   | 472 | 9.4  | B |
| 37. | F0FYP   | 5516 | 13 | 423.3 | JN37LO | 348   | OK1KCR  | 691 | 14.7 | A |
| 38. | F6HJO/P | 5322 | 18 | 294.7 | JN27FJ | 500   | F5SGT/P | 572 | 4.4  | B |
| 39. | F6DQX   | 5172 | 21 | 245.3 | JN25LS | 120   | DA0FF   | 641 | 21.3 | B |
| 40. | F6GRB   | 5148 | 13 | 395.0 | JN25KO | 280   | F5SGT/P | 670 | 0.0  | C |
| 41. | F4BDG   | 5122 | 27 | 188.7 | JN18HR | 190   | DA0FF   | 562 | 8.5  | B |
| 42. | F6FET   | 5117 | 15 | 340.1 | IN98UD | 120   | DR9A    | 642 | 0.0  | B |
| 43. | F5IRP   | 4673 | 14 | 332.8 | IN96KQ | 110   | DR9A    | 744 | 4.5  | C |
| 44. | F1CBC   | 4632 | 20 | 230.6 | JN09BO | 110   | PA1T    | 612 | 0.0  | B |
| 45. | F6IFX/P | 4578 | 18 | 253.3 | IN87XC | 40    | F5FNY/P | 622 | 9.5  | B |
| 46. | F1HLH   | 4021 | 16 | 250.3 | JN38IN | 230   | F5SGT/P | 727 | 2.5  | B |
| 47. | F1MCF   | 4002 | 27 | 147.2 | JN13VN | 52    | IZ1AZA  | 384 | 26.2 | B |
| 48. | F5RNN   | 3868 | 19 | 202.6 | JN25KH | 176   | TM5R    | 528 | 16.3 | B |
| 49. | F1UMW   | 3861 | 18 | 213.5 | JN19FG | 98    | PA1T    | 533 | 0.0  | B |
| 50. | F1NQP   | 3824 | 14 | 272.1 | JN19GL | 113   | DR7C    | 672 | 0.0  | B |
| 51. | TM34REF | 3777 | 21 | 178.9 | JN13OG | 42    | EA1IT   | 589 | 12.8 | B |
| 52. | F1FKR   | 3734 | 19 | 195.5 | JN25KS | 220   | F5SGT/P | 661 | 0.0  | B |
| 53. | F4WDS   | 3660 | 12 | 304.0 | JN37AW | 273   | PA1T    | 590 | 0.0  | B |
| 54. | TM33REF | 3595 | 15 | 238.7 | IN94SV | 120   | TM5R    | 567 | 12.4 | C |
| 55. | F1HTU   | 3285 | 20 | 163.2 | JN08CA | 100   | F5FNY/P | 471 | 11.8 | B |
| 56. | F6BQG   | 3252 | 13 | 249.2 | IN98JC | 120   | F5FNY/P | 575 | 0.0  | B |
| 57. | F4IYO   | 3245 | 11 | 294.0 | JN05QC | 364   | F8KHO/P | 500 | 23.5 | B |
| 58. | F1MKC   | 3156 | 12 | 262.0 | JN05TR | 382   | F5SGT/P | 449 | 0.0  | B |
| 59. | F6DUA   | 3148 | 10 | 313.8 | IN96GP | 59    | F5FNY/P | 578 | 0.0  | B |
| 60. | F4TXU   | 3053 | 14 | 217.1 | JN23CX | 120   | DR9A    | 613 | 12.3 | B |
| 61. | F5DRD   | 3051 | 11 | 276.4 | JO10GA | 92    | DA0FF   | 529 | 0.0  | B |
| 62. | F1RRJ/P | 2936 | 12 | 243.7 | JN07NL | 90120 | F1EIT   | 455 | 0.0  | B |
| 63. | F5PKR   | 2767 | 15 | 183.5 | JN25KH | 120   | IQ5NN   | 638 | 3.7  | B |
| 64. | F4FSB   | 2598 | 10 | 258.8 | IN97QI | 35    | F5FNY/P | 517 | 16.0 | B |
| 65. | F5PVX/P | 2553 | 15 | 169.2 | JN23WE | 787   | F1HFW   | 425 | 0.0  | B |
| 66. | F4IVX   | 2513 | 15 | 166.5 | JN23FQ | 40    | EA1IT   | 692 | 4.8  | B |
| 67. | F8TMQ   | 2413 | 20 | 119.7 | JN25LI | 360   | TM5R    | 526 | 10.2 | B |
| 68. | F4FDR   | 2281 | 12 | 189.1 | JN04BM | 100   | TM5R    | 594 | 6.5  | B |
| 69. | F1PHB   | 2210 | 9  | 244.6 | JN29DB | ?     | DR1H    | 504 | 7.2  | B |
| 70. | F0GCL   | 2070 | 9  | 229.0 | JN29GC | 120   | F5SGT/P | 573 | 51.1 | A |
| 71. | F4FMB   | 2064 | 6  | 343.0 | IN96HV | 78    | F5FNY/P | 571 | 11.9 | C |
| 72. | F0DMU   | 1967 | 8  | 244.9 | JO10LP | 120   | F5FNY/P | 501 | 26.6 | A |
| 73. | TM0ELT  | 1923 | 10 | 191.3 | JN28WQ | 220   | DA0FF   | 355 | 1.4  | A |
| 74. | F0FEK   | 1849 | 14 | 131.1 | JN19GB | 130   | F4KKV   | 255 | 17.0 | A |
| 75. | F1JBN   | 1704 | 8  | 212.0 | JN06SM | 235   | F5SGT/P | 395 | 6.6  | B |
| 76. | F6EJT   | 1694 | 15 | 111.9 | JN25KS | 269   | IK1YEZ  | 297 | 0.0  | B |
| 77. | F1GNP   | 1644 | 13 | 125.5 | JN13XX | 120   | F5FNY/P | 341 | 25.4 | B |
| 78. | F5IHP   | 1419 | 11 | 128.0 | IN94WM | ?     | F5SGT/P | 464 | 10.2 | B |
| 79. | F6BTX   | 1412 | 7  | 200.7 | JN04UF | 328   | F6KCZ/P | 598 | 35.2 | B |
| 80. | F1TRF   | 1405 | 11 | 126.7 | JN39CC | 205   | TM5R    | 302 | 16.3 | B |
| 81. | F4IFS   | 1393 | 5  | 277.6 | JN09HR | 125   | DR9A    | 574 | 18.9 | B |
| 82. | F5NIB   | 1033 | 7  | 146.6 | JN06QK | 120   | F4HBY   | 294 | 45.7 | B |

# RÉSEAU DES ÉMETTEURS FRANÇAIS

Association sans but lucratif regroupant les radioamateurs, arrêté du 03.01.1994, Reconnue d'utilité publique, Décret du 29.11.1952  
Section Française de l'Union Internationale des Radioamateurs (I.A.R.U.)

Organe officiel : magazine Radio - REF

REF - CS 77429 - 37074 Tours Cedex 2 - Tél. 02 47 41 88 73 - Siège Social : 32 rue de Suède 37100 Tours

SIRET 78452272400045 - CODE APE 9499Z

|     |         |     |   |       |        |     |          |     |      |   |
|-----|---------|-----|---|-------|--------|-----|----------|-----|------|---|
| 83. | F1SUI   | 950 | 4 | 236.5 | JN06XE | 450 | TM5R     | 389 | 40.8 | B |
| 84. | F8AAB   | 846 | 7 | 119.9 | JN14WT | ?   | F0FGF    | 190 | 24.4 | B |
| 85. | F8DYD   | 844 | 5 | 167.8 | IN99NG | 120 | TM2A     | 315 | 0.0  | A |
| 86. | F4GLG/P | 821 | 5 | 163.2 | IN98XS | 173 | F4EEJ/P  | 352 | 17.6 | B |
| 87. | F5NIH   | 765 | 7 | 108.3 | JN12LR | 10  | IZ1AZA   | 486 | 34.7 | B |
| 88. | F6API   | 710 | 6 | 117.3 | JN03SO | 120 | TM33REF  | 214 | 14.9 | A |
| 89. | F4FVL/P | 237 | 2 | 117.5 | JN17WB | 303 | HB9IAB/P | 203 | 42.9 | A |
| 90. | F4JOO   | 153 | 3 | 50.0  | JN23RH | 200 | F4IVX    | 90  | 81.2 | B |
| 91. | F6DZQ   | 147 | 3 | 48.0  | JN13QP | 120 | F6HZZ    | 67  | 68.8 | C |
| 92. | F5OOU   | 44  | 1 | 43.0  | IN96GR | 95  | F5LCX    | 43  | 94.8 | C |
| 93. | F5JXS/P | 37  | 1 | 36.0  | JN03KS | 129 | F1RHS    | 36  | 0.0  | B |

### Classement multi-opérateurs 144MHz

| Place | Indicatif | Score  | QSO | Moy.  | Locator | ASL  | ODX     | QRB  | Err. % | Power |
|-------|-----------|--------|-----|-------|---------|------|---------|------|--------|-------|
| 1.    | TM5R      | 295910 | 669 | 441.3 | JN19BQ  | 190  | OK2O    | 1045 | 1.0    | C     |
| 2.    | TM2A      | 176950 | 430 | 410.5 | JN18OI  | 145  | DK6TE   | 867  | 2.8    | C     |
| 3.    | F8KHO/P   | 103779 | 294 | 352.0 | JN29HA  | 140  | F5NLL   | 709  | 2.7    | C     |
| 4.    | F5FNY/P   | 100401 | 265 | 377.9 | JN36BP  | 1293 | G0SKA   | 752  | 4.6    | C     |
| 5.    | F4KJP/P   | 87146  | 281 | 309.1 | JN29LN  | 340  | OL7M    | 826  | 7.0    | C     |
| 6.    | F5SGT/P   | 73083  | 176 | 414.2 | IN88KD  | 310  | IW0HLE  | 1530 | 4.4    | C     |
| 7.    | F6KCZ/P   | 45677  | 151 | 301.5 | IN99PI  | 70   | EA1IT   | 758  | 4.6    | C     |
| 8.    | F5OOM/P   | 34044  | 119 | 285.1 | JN28VP  | 410  | OM2Y    | 855  | 3.8    | B     |
| 9.    | TM87C     | 27827  | 89  | 311.7 | JN05MT  | 500  | DA0FF   | 839  | 5.1    | B     |
| 10.   | F4KOC     | 27157  | 79  | 342.8 | JN24HL  | 300  | DR7C    | 826  | 2.8    | C     |
| 11.   | F4KKV     | 26349  | 78  | 336.8 | IN98OJ  | 212  | DL0LB   | 748  | 4.6    | B     |
| 12.   | TM6T      | 22963  | 67  | 341.7 | JN18GF  | 120  | IQ4KD   | 806  | 4.2    | C     |
| 13.   | F6KPH/P   | 14742  | 51  | 288.1 | JN03CB  | 1000 | TM5R    | 751  | 7.4    | B     |
| 14.   | F8KGZ     | 9430   | 35  | 268.4 | JN38BL  | 235  | DR5W    | 631  | 14.6   | B     |
| 15.   | F6KBN     | 7296   | 24  | 303.0 | JN07GD  | 95   | DA0FF   | 782  | 7.0    | C     |
| 16.   | F6KMX     | 7202   | 30  | 239.1 | JN18FS  | 120  | PA1T    | 580  | 0.0    | B     |
| 17.   | F4FCW     | 6441   | 24  | 267.4 | JN38FO  | 335  | OL7M    | 745  | 1.2    | C     |
| 18.   | F6KPL     | 6119   | 15  | 406.9 | IN99IO  | 108  | DA0FF   | 808  | 4.7    | C     |
| 19.   | F5KTR     | 1952   | 10  | 194.2 | JN18EV  | 20   | F5SGT/P | 413  | 0.0    | B     |

### Classement mono-opérateur 432MHz

| Place | Indicatif | Score | QSO | Moy.  | Locator | ASL | ODX     | QRB | Err. % | Power |
|-------|-----------|-------|-----|-------|---------|-----|---------|-----|--------|-------|
| 1.    | F4EEJ/P   | 7898  | 36  | 218.4 | IN95VO  | 127 | F6HZL   | 481 | 0.0    | B     |
| 2.    | F4HOG     | 6522  | 22  | 295.5 | JN09OJ  | 157 | F6KPH/P | 708 | 0.0    | B     |
| 3.    | F4ELX/P   | 5907  | 18  | 327.2 | JN38TQ  | 256 | IO2V    | 596 | 0.9    | B     |
| 4.    | TM89REF   | 5366  | 16  | 334.4 | JN17MU  | 200 | DK0NA   | 683 | 5.1    | B     |
| 5.    | F4HRD     | 5118  | 22  | 231.6 | JO00XX  | 14  | DR9A    | 525 | 0.0    | B     |
| 6.    | F6HRE     | 4700  | 17  | 275.5 | IN93GK  | 40  | TM2A    | 654 | 0.0    | C     |
| 7.    | F1GGS     | 4304  | 14  | 306.4 | JN15OV  | 317 | OR6T    | 569 | 6.0    | C     |
| 8.    | F5GXX     | 4249  | 19  | 222.6 | IN95LP  | 22  | TM2A    | 440 | 0.0    | B     |

#### RÉSEAU DES ÉMETTEURS FRANÇAIS

Association sans but lucratif regroupant les radioamateurs, arrêté du 03.01.1994, Reconnue d'utilité publique, Décret du 29.11.1952  
Section Française de l'Union Internationale des Radioamateurs (I.A.R.U.)

Organe officiel : magazine Radio - REF

REF - CS 77429 - 37074 Tours Cedex 2 - Tél. 02 47 41 88 73 - Siège Social : 32 rue de Suède 37100 Tours

SIRET 78452272400045 - CODE APE 9499Z

|     |         |      |    |       |        |     |          |     |      |   |
|-----|---------|------|----|-------|--------|-----|----------|-----|------|---|
| 9.  | F1CBC   | 4113 | 18 | 227.5 | JN09BO | 110 | M0ICK/P  | 419 | 0.0  | A |
| 10. | F1NZC   | 3928 | 15 | 260.9 | JN15MR | 900 | OR6T     | 590 | 5.6  | C |
| 11. | F6HTJ   | 3746 | 14 | 266.6 | JN12KQ | 70  | DR9A     | 791 | 0.2  | B |
| 12. | TM47REF | 3637 | 19 | 190.4 | JN04HC | 160 | F1ITO    | 421 | 9.7  | B |
| 13. | F5XU    | 3596 | 14 | 255.9 | JN15MR | 850 | DK0FY    | 629 | 13.2 | B |
| 14. | F8EXM   | 3588 | 12 | 298.0 | IN96OW | 120 | EA1IT    | 513 | 2.6  | B |
| 15. | F5JGY   | 3490 | 13 | 267.5 | JN04XV | 570 | EA1IT    | 527 | 10.8 | B |
| 16. | F1RHS   | 3022 | 14 | 214.9 | JN03PV | 142 | EA1IT    | 443 | 5.3  | B |
| 17. | TK4BB   | 2894 | 8  | 360.8 | JN42QP | 200 | EB3DYO/P | 577 | 0.0  | B |
| 18. | F5MFI   | 2691 | 13 | 206.0 | JN07XT | 150 | DR9A     | 484 | 0.0  | A |
| 19. | F4DYY   | 2557 | 16 | 158.8 | IN95PL | 50  | F6KMX    | 437 | 11.9 | B |
| 20. | F6IFX/P | 2381 | 9  | 263.6 | IN87XC | 30  | G3M      | 513 | 0.0  | B |
| 21. | F6GYH   | 2378 | 9  | 263.2 | JN27TS | 352 | G3M      | 484 | 7.4  | C |
| 22. | F1ITO   | 2373 | 11 | 214.7 | JN23UE | 320 | TM47REF  | 421 | 15.4 | C |
| 23. | F5NLL   | 2131 | 10 | 212.1 | JN03MD | 420 | EA1IT    | 413 | 7.1  | B |
| 24. | F4FFS   | 2060 | 11 | 186.3 | JN17AW | 113 | DR9A     | 475 | 11.1 | A |
| 25. | F1EIT   | 1871 | 8  | 232.9 | JN03SJ | 275 | EA1IT    | 455 | 0.0  | A |
| 26. | F4WCE   | 1777 | 8  | 221.1 | IN87CW | 130 | F4EEJ/P  | 376 | 8.3  | B |
| 27. | F6BZJ   | 1739 | 11 | 157.1 | IN96NM | 75  | EA2XR    | 394 | 21.3 | B |
| 28. | F5PVX/P | 1255 | 7  | 178.3 | JN23WE | 787 | TK4BB    | 291 | 0.0  | B |
| 29. | F5IRP   | 1243 | 7  | 176.6 | IN96KQ | 110 | F6KPH/P  | 416 | 0.0  | B |
| 30. | F5NIH   | 1035 | 8  | 128.4 | JN12LR | 10  | F5PVX/P  | 242 | 10.0 | B |
| 31. | F4DVO   | 1029 | 7  | 146.0 | JN17BW | 120 | G3M      | 360 | 0.0  | B |
| 32. | TM34REF | 988  | 9  | 108.8 | JN13OG | ?   | EA3EBN   | 258 | 0.0  | B |
| 33. | F1MCF   | 928  | 8  | 115.0 | JN13VN | 47  | F5PVX/P  | 173 | 45.2 | B |
| 34. | F4EWP   | 911  | 5  | 181.2 | JN07BV | 42  | F4EEJ/P  | 256 | 0.0  | B |
| 35. | F1UMW   | 832  | 4  | 207.0 | JN19FG | 98  | DR9A     | 436 | 0.0  | B |
| 36. | F6DUA   | 829  | 4  | 206.2 | IN96GP | 57  | F6KPH/P  | 419 | 0.0  | B |
| 37. | F8TMQ   | 825  | 11 | 74.0  | JN25LI | 120 | F6GYH    | 273 | 0.0  | A |
| 38. | F4IVX   | 750  | 6  | 124.0 | JN23FQ | 40  | EB3DYO/P | 268 | 0.0  | B |
| 39. | F4FMB   | 687  | 2  | 342.5 | IN96HV | 77  | G3M      | 513 | 52.7 | C |
| 40. | F6DZQ/P | 673  | 4  | 167.2 | JN13QP | 120 | EA6URP   | 412 | 23.7 | B |
| 41. | F1HLH   | 634  | 4  | 157.5 | JN38IN | 270 | F1NZC    | 419 | 0.0  | B |
| 42. | F5PKR   | 577  | 7  | 81.4  | JN25KH | 120 | F5XU     | 150 | 48.1 | B |
| 43. | F5JDG/P | 565  | 3  | 187.3 | JN23NQ | 352 | EB3DYO/P | 304 | 14.7 | A |
| 44. | F1RDL   | 519  | 4  | 128.8 | JN25KU | 200 | TM2A     | 305 | 0.0  | C |
| 45. | F1SUI   | 485  | 3  | 160.7 | JN06XE | 450 | F4DYY    | 221 | 0.0  | B |
| 46. | F1NQP   | 443  | 4  | 109.8 | JN19GL | 113 | F6KCZ/P  | 235 | 0.0  | B |
| 47. | F6FET   | 308  | 2  | 153.0 | IN98UD | 120 | TM2A     | 260 | 0.0  | B |
| 48. | F1JBN   | 274  | 3  | 90.3  | JN06SM | 235 | F4EEJ/P  | 169 | 0.0  | B |
| 49. | F4IFS   | 243  | 1  | 242.0 | JN09HR | 125 | TM2A     | 242 | 49.5 | B |
| 50. | F4FDR   | 213  | 2  | 105.5 | JN04BM | 120 | F5SHG    | 150 | 43.4 | B |
| 51. | F4BDG   | 211  | 4  | 51.8  | JN18HR | 110 | F4FFS    | 98  | 0.0  | B |
| 52. | F5JMI   | 184  | 4  | 45.0  | JN24JB | 120 | F1EYB    | 69  | 55.7 | B |
| 53. | F1TRF   | 166  | 1  | 165.0 | JN39CC | 205 | DR9A     | 165 | 0.0  | B |
| 54. | F1FKR   | 149  | 3  | 48.7  | JN25KS | 215 | F5PKR    | 50  | 0.0  | B |
| 55. | F4IYO   | 83   | 1  | 82.0  | JN05QC | 364 | TM87C    | 82  | 82.9 | B |

# RÉSEAU DES ÉMETTEURS FRANÇAIS

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Section Française de l'Union Internationale des Radioamateurs (I.A.R.U.)

Organe officiel : magazine Radio - REF

REF - CS 77429 - 37074 Tours Cedex 2 - Tél. 02 47 41 88 73 - Siège Social : 32 rue de Suède 37100 Tours

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|     |         |    |   |      |        |     |         |    |      |   |
|-----|---------|----|---|------|--------|-----|---------|----|------|---|
| 56. | TM33REF | 68 | 1 | 67.0 | IN94SV | 120 | F4DYY   | 67 | 0.0  | B |
| 57. | F4JOO   | 62 | 2 | 30.0 | JN23RH | 200 | F5PVX/P | 36 | 0.0  | B |
| 58. | F5RNN   | 60 | 3 | 19.0 | JN25KH | 176 | F1FKR   | 50 | 0.0  | A |
| 59. | F8CND/P | 55 | 1 | 54.0 | JN38RP | 360 | F6KFH   | 54 | 0.0  | B |
| 60. | F6BQG   | 45 | 1 | 44.0 | IN98JC | 120 | F4KKV   | 44 | 0.0  | B |
| 61. | F6DZQ   | 44 | 1 | 43.0 | JN13QP | 120 | TM34REF | 43 | 79.8 | B |
| 61. | F8DYD   | 16 | 1 | 15.0 | IN99NG | 120 | F6KCZ/P | 15 | 0.0  | A |
| 62. | F5NIB   | 16 | 1 | 15.0 | JN06QK | 120 | F1JBN   | 15 | 0.0  | A |

### Classement multi-opérateurs 432MHz

| Place | Indicatif | Score | QSO | Moy.  | Locator | ASL  | ODX     | QRB | Err. % | Power |
|-------|-----------|-------|-----|-------|---------|------|---------|-----|--------|-------|
| 1.    | F6KFH     | 46788 | 137 | 340.5 | JN39OC  | 400  | SM7EYW  | 810 | 0.0    | C     |
| 2.    | TM2A      | 24269 | 73  | 331.5 | JN18OI  | 143  | DF0YY   | 785 | 2.8    | C     |
| 3.    | TM87C     | 7798  | 34  | 228.4 | JN05MT  | 500  | DR9A    | 638 | 4.4    | B     |
| 4.    | F4KKV     | 7775  | 27  | 287.0 | IN98OJ  | 200  | DR9A    | 675 | 13.3   | B     |
| 5.    | F6KPH/P   | 7061  | 26  | 270.6 | JN03CB  | 1000 | F4HOG   | 708 | 13.4   | B     |
| 6.    | F4KOC     | 5672  | 25  | 225.9 | JN24HL  | 300  | F6GNR   | 562 | 7.1    | C     |
| 7.    | F6KCZ/P   | 5483  | 28  | 194.8 | IN99PI  | 70   | F1GGS   | 483 | 0.0    | C     |
| 8.    | TM6T      | 4171  | 15  | 277.1 | JN18GF  | 120  | F6KPH/P | 602 | 0.0    | B     |
| 9.    | F4FCW     | 2126  | 8   | 264.8 | JN38FO  | 339  | OL3Z    | 599 | 0.0    | C     |
| 10.   | F6KBN     | 1900  | 8   | 236.5 | JN07GD  | 125  | F6HRE   | 441 | 24.2   | C     |
| 11.   | F6KMX     | 963   | 7   | 136.6 | JN18FS  | 120  | F4DYY   | 437 | 0.0    | B     |
| 12.   | F8KGZ     | 578   | 4   | 143.5 | JN38BL  | 235  | TM2A    | 215 | 0.0    | B     |
| 13.   | F6KPL     | 154   | 2   | 76.0  | IN99IO  | 108  | F1CBC   | 102 | 0.0    | C     |
| 14.   | F8KHO/P   | 34    | 1   | 33.0  | JN29HA  | 140  | F5JSQ   | 33  | 86.9   | A     |

### Classement mono-opérateur 1296MHz

| Place | Indicatif | Score | QSO | Moy.  | Locator | ASL | ODX     | QRB | Err. % | Power |
|-------|-----------|-------|-----|-------|---------|-----|---------|-----|--------|-------|
| 1.    | F6HRE     | 2455  | 10  | 244.5 | IN93GK  | 40  | F1CML   | 491 | 5.2    | C     |
| 2.    | F4EEJ/P   | 2177  | 13  | 166.5 | IN95VO  | 127 | F6KCZ/P | 418 | 12.6   | B     |
| 3.    | F5GXX     | 1765  | 10  | 175.5 | IN95LP  | 22  | EA1IT   | 384 | 0.0    | A     |
| 4.    | F6BZJ     | 1460  | 9   | 161.2 | IN96NM  | 75  | EA2XR   | 394 | 0.0    | A     |
| 5.    | F6HTJ     | 1373  | 8   | 170.6 | JN12KQ  | 70  | F5PVX/P | 250 | 15.1   | B     |
| 6.    | F1GGS     | 1331  | 7   | 189.1 | JN15OV  | 317 | F6HZL   | 284 | 0.0    | C     |
| 7.    | F4DYY     | 1103  | 9   | 121.6 | IN95PL  | 50  | F8CH    | 261 | 0.0    | A     |
| 8.    | F1NZC     | 1084  | 6   | 179.7 | JN15MR  | 900 | F6GYH   | 300 | 0.0    | C     |
| 9.    | F6GYH     | 710   | 3   | 235.7 | JN27TS  | 352 | F4KOC   | 374 | 45.9   | B     |
| 10.   | TK4BB     | 682   | 3   | 226.3 | JN42QP  | 200 | IQ1KW   | 282 | 0.0    | A     |
| 11.   | F4WCE     | 535   | 4   | 132.8 | IN87CW  | 130 | F4KKV   | 228 | 0.0    | B     |
| 12.   | F1MCF     | 516   | 4   | 128.0 | JN13VN  | 47  | F5PVX/P | 173 | 0.0    | B     |
| 13.   | F1ITO     | 492   | 4   | 122.0 | JN23UE  | 320 | F6HTJ   | 237 | 0.0    | A     |
| 14.   | F5PVX/P   | 439   | 3   | 145.3 | JN23WE  | 787 | F6HTJ   | 250 | 0.0    | A     |
| 15.   | TM34REF   | 388   | 3   | 128.3 | JN13OG  | ?   | EA3EBN  | 258 | 0.0    | A     |
| 16.   | F5MFI     | 373   | 7   | 52.3  | JN07XT  | 150 | TM2A    | 110 | 0.0    | A     |

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|     |         |     |   |       |        |     |         |     |      |   |
|-----|---------|-----|---|-------|--------|-----|---------|-----|------|---|
| 17. | TM89REF | 349 | 3 | 115.3 | JN17MU | 200 | F8DLS   | 152 | 0.0  | A |
| 18. | F5IRP   | 310 | 4 | 76.5  | IN96KQ | 112 | F4EEJ/P | 139 | 0.0  | A |
| 19. | F5XU    | 211 | 3 | 69.3  | JN15MR | 850 | F4KOC   | 186 | 73.8 | A |
| 20. | F4FFS   | 177 | 5 | 34.4  | JN17AW | 113 | TM2A    | 98  | 0.0  | A |
| 21. | F4FMB   | 173 | 1 | 172.0 | IN96HV | 78  | F4KKV   | 172 | 0.0  | B |
| 22. | F5JMI   | 172 | 3 | 56.3  | JN24JB | 120 | F1EYB   | 69  | 0.0  | A |
| 23. | F4DVO   | 164 | 4 | 40.0  | JN17BW | 120 | TM2A    | 92  | 0.0  | A |
| 24. | F5NLL   | 158 | 1 | 157.0 | JN03MD | 420 | F6HTJ   | 157 | 0.0  | A |
| 25. | F5PKR   | 138 | 2 | 68.0  | JN25KH | 120 | HB9AOF  | 129 | 43.7 | B |
| 26. | F4HRD   | 124 | 1 | 123.0 | JO00XX | 15  | PE1EWR  | 123 | 0.0  | A |
| 27. | F1UMW   | 116 | 1 | 115.0 | JN19FG | 98  | TM2A    | 115 | 0.0  | A |
| 28. | F4HOG   | 92  | 1 | 91.0  | JN09OJ | 157 | F1ASJ   | 91  | 66.7 | B |
| 29. | F6DUA   | 26  | 1 | 25.0  | IN96GP | 57  | F5IRP   | 25  | 0.0  | B |
| 30. | F8TMQ   | 8   | 1 | 7.0   | JN25LI | 120 | F5PKR   | 7   | 0.0  | A |

### Classement multi-opérateurs 1296MHz

| Place | Indicatif | Score | QSO | Moy.  | Locator | ASL | ODX     | QRB | Err. % | Power |
|-------|-----------|-------|-----|-------|---------|-----|---------|-----|--------|-------|
| 1.    | F6KFH     | 8242  | 26  | 316.0 | JN39OC  | 400 | OM3KII  | 766 | 0.0    | C     |
| 2.    | TM6T      | 3575  | 12  | 296.9 | JN18GF  | 120 | DM5D    | 830 | 9.1    | B     |
| 3.    | TM2A      | 2782  | 16  | 172.9 | JN18OI  | 141 | F6ETZ   | 392 | 17.7   | B     |
| 4.    | F4KJP/P   | 2719  | 12  | 225.6 | JN29LN  | 340 | DM5D    | 609 | 0.0    | A     |
| 5.    | F4KKV     | 2129  | 10  | 211.9 | IN98OJ  | 200 | F4EEJ/P | 313 | 0.0    | B     |
| 6.    | F4KOC     | 1382  | 9   | 152.6 | JN24HL  | 300 | F6HTJ   | 244 | 21.3   | B     |
| 7.    | F6KCZ/P   | 1058  | 4   | 263.5 | IN99PI  | 70  | F5ELY   | 407 | 22.6   | B     |
| 8.    | TM87C     | 503   | 4   | 124.8 | JN05MT  | 500 | F5GXX   | 162 | 0.0    | A     |
| 9.    | F4FCW     | 79    | 1   | 78.0  | JN38FO  | 339 | F6KFH   | 78  | 0.0    | A     |

### Classement mono-opérateur 2320MHz

| Place | Indicatif | Score | QSO | Moy.  | Locator | ASL | ODX     | QRB | Err. % | Power |
|-------|-----------|-------|-----|-------|---------|-----|---------|-----|--------|-------|
| 1.    | F4DYY     | 325   | 4   | 80.2  | IN95PL  | 50  | F6HRE   | 234 | 0.0    | A     |
| 2.    | F6HRE     | 291   | 3   | 96.0  | IN93GK  | 40  | F5GXX   | 247 | 44.7   | A     |
| 3.    | F4EEJ/P   | 256   | 3   | 84.3  | IN95VO  | 127 | F5EAN   | 148 | 0.0    | A     |
| 4.    | F5PVX/P   | 251   | 1   | 250.0 | JN23WE  | 787 | F6HTJ   | 250 | 0.0    | A     |
| 4.    | F6HTJ     | 251   | 1   | 250.0 | JN12KQ  | 70  | F5PVX/P | 250 | 0.0    | B     |
| 6.    | F5GXX     | 199   | 3   | 65.3  | IN95LP  | 22  | F5EAN   | 101 | 55.5   | A     |

### Classement multi-opérateurs 2320MHz

| Place | Indicatif | Score | QSO | Moy.  | Locator | ASL | ODX   | QRB | Err. % | Power |
|-------|-----------|-------|-----|-------|---------|-----|-------|-----|--------|-------|
| 1.    | F4KJP/P   | 1521  | 6   | 252.5 | JN29LN  | 340 | DM5D  | 609 | 0.0    | B     |
| 2.    | F6KCZ/P   | 427   | 2   | 212.5 | IN99PI  | 70  | F6DBI | 216 | 0.0    | B     |
| 3.    | F6KFH     | 424   | 3   | 140.3 | JN39OC  | 400 | DL6SH | 171 | 0.0    | A     |

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### Classement multi-opérateurs 5.7GHz

| Place | Indicatif | Score | QSO | Moy.  | Locator | ASL | ODX   | QRB | Err. % | Power |
|-------|-----------|-------|-----|-------|---------|-----|-------|-----|--------|-------|
| 1.    | F4KJP/P   | 613   | 3   | 203.3 | JN29LN  | 340 | DK0PU | 257 | 0.0    | B     |

### Classement mono-opérateur 10GHz

| Place | Indicatif | Score | QSO | Moy.  | Locator | ASL | ODX      | QRB | Err. % | Power |
|-------|-----------|-------|-----|-------|---------|-----|----------|-----|--------|-------|
| 1.    | F6FDR/P   | 1002  | 6   | 166.0 | JO00WB  | 110 | ON4CJQ/P | 233 | 16.8   | A     |
| 2.    | F6HTJ     | 930   | 2   | 464.0 | JN12KQ  | 70  | F6DKW    | 678 | 0.0    | A     |
| 3.    | TM89REF   | 378   | 3   | 125.0 | JN17MU  | 200 | F8DLS    | 152 | 0.0    | A     |
| 4.    | F5PVX/P   | 251   | 1   | 250.0 | JN23WE  | 787 | F6HTJ    | 250 | 0.0    | A     |
| 5.    | F5MFI     | 109   | 1   | 108.0 | JN07XT  | 145 | F6DKW    | 108 | 0.0    | A     |

### Classement multi-opérateurs 10GHz

| Place | Indicatif | Score | QSO | Moy.  | Locator | ASL | ODX    | QRB | Err. % | Power |
|-------|-----------|-------|-----|-------|---------|-----|--------|-----|--------|-------|
| 1.    | F4KJP/P   | 1077  | 6   | 178.5 | JN29LN  | 340 | DL3IAE | 243 | 0.0    | A     |
| 2.    | F6KCZ/P   | 650   | 3   | 215.7 | IN99PI  | 70  | F6DKW  | 222 | 23.7   | A     |

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