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## Mikrowellen DX Rekorde

Terrestrische Mikrowellen DX Rekorde, gelistet nach IARU Regionen, Fettgedruckte Kilometerangaben markieren den Weltrekord.

Für weitere Berichte und Ergänzungen ersuche ich um Mitteilung per email an: Wolfgang Hoeth, OE3WOG, Mikrowellen Manager OEVSV, email: mikrowelle@oevsv.at

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## 5.760 MHz - 6 cm

| IARU Reg. | DX (km)     | call 1 | loc 1  | call 2 | loc 2  | mode | date       |
|-----------|-------------|--------|--------|--------|--------|------|------------|
| 1         | 1244        | G3XDY  | JO20B  | OK2BFH | JN99FN | CW   | 2003 09 17 |
| 2         | <b>3982</b> | N6CA   | DM03TR | KH6HME | BK29GO | CW   | 1991 07 29 |
| 3         |             |        |        |        |        |      |            |

## 10.368 GHz - 3 cm

| IARU Reg. | DX (km)     | call 1    | loc 1   | call 2   | loc 2     | mode    | date       |
|-----------|-------------|-----------|---------|----------|-----------|---------|------------|
| 1         | <b>2079</b> | 4X /DJ4AM | Netanya | I /DJ3KM | Lampedusa | SSB     | 2000 06 25 |
| 2         | 1460        | AD6FP     | CM96WA  | 4C2WH    | DL34WT    | SSB /CW | 2007 08 19 |
| 3         |             |           |         |          |           |         |            |

## 24 GHz - 1,2 cm

| IARU Reg. | DX (km)    | call 1 | loc 1  | call 2  | loc 2  | mode    | date       |
|-----------|------------|--------|--------|---------|--------|---------|------------|
| 1         | <b>710</b> | F2CT/p | JN13IQ | LX1DB   | JN39CO | CW/RS   | 208 06 24  |
| 2         | 543        | W5LUA  | EM13QC | WW2R /5 | EM41HC | SSB /CW | 2002 09 07 |
| 3         |            |        |        |         |        |         |            |

## 47 GHz - 6,4 mm

| IARU Reg. | DX (km)    | call 1 | loc 1  | call 2 | loc 2  | mode    | date       |
|-----------|------------|--------|--------|--------|--------|---------|------------|
| 1         |            |        |        |        |        |         |            |
| 2         | <b>343</b> | AD6FP  | DM07BS | W6QI   | DM04MS | SSB /CW | 2005 10 30 |
| 3         |            |        |        |        |        |         |            |

**76/77 GHz - 3,9 mm**

| IARU Reg. | DX (km)    | call 1          | loc 1  | call 2   | loc 2  | mode | date       |
|-----------|------------|-----------------|--------|----------|--------|------|------------|
| 1         | 135        | OE3WOG/P        | JN77XX | OE5VRL/5 | JN78   | SSB  |            |
| 2         | <b>177</b> | W0EOM/6/AD6FP/6 | CM88QP | KF6KVG   | CM97AD | CW   | 2002 03 01 |
| 3         |            |                 |        |          |        |      |            |

**122 GHz - 2,5 mm**

| IARU Reg. | DX (km) | call 1   | loc 1  | call 2   | loc 2  | mode   | date       |
|-----------|---------|----------|--------|----------|--------|--------|------------|
| 1         | 55,2    | OE3WOG/P | JN77HX | OE5VRL/5 | JN78DK | CW/SSB | 2009       |
| 2         |         | WA1ZMS/4 | EM98UR | W4WWQ/4  | FM07FM | FSK/CW | 2005 01 18 |
| 3         |         |          |        |          |        |        |            |

**134/136 GHz - 2,2 mm**

| IARU Reg. | DX (km)      | call 1   | loc 1  | call 2  | loc 2  | mode   | date       |
|-----------|--------------|----------|--------|---------|--------|--------|------------|
| 1         |              |          |        |         |        |        |            |
| 2         | <b>114,4</b> | WA1ZMS/4 | EM96UR | W4WWQ/4 | FM07FM | CW/FSK | 2006 02 26 |
| 3         |              |          |        |         |        |        |            |

**142/145 GHz - 2 mm**

| IARU Reg. | DX (km)     | call 1 | loc 1  | call 2   | loc 2  | mode   | date       |
|-----------|-------------|--------|--------|----------|--------|--------|------------|
| 1         |             |        |        |          |        |        |            |
| 2         | <b>79,7</b> | W2SZ/4 | FM07FM | WA1ZMS/4 | EM96WX | FSK/CW | 2003 01 12 |
| 3         |             |        |        |          |        |        |            |

**241/248 GHz - 1,24 mm**

| IARU Reg. | DX (km)    | call 1    | loc 1  | call 2   | loc 2  | mode    | date       |
|-----------|------------|-----------|--------|----------|--------|---------|------------|
| 1         |            |           |        |          |        |         |            |
| 2         | <b>114</b> | WA1ZMS /4 | FM07FM | W4WWQ /e | EM98UR | FSK /CW | 2008 01 21 |
| 3         |            |           |        |          |        |         |            |

**322 GHz - 0,93mm**

| IARU Reg. | DX (km) | call 1    | loc 1  | call 2   | loc 2  | mode    | date       |
|-----------|---------|-----------|--------|----------|--------|---------|------------|
| 1         |         |           |        |          |        |         |            |
| 2         |         | WA1ZMS /4 | FM07II | W4WWQ /4 | FM07ji | FSK /CW | 2003 03 04 |
| 3         |         |           |        |          |        |         |            |

**403 GHz - 0,74 mm**

| IARU Reg. | DX (km)     | call 1    | loc 1  | call 2   | loc 2  | mode    | date       |
|-----------|-------------|-----------|--------|----------|--------|---------|------------|
| 1         |             |           |        |          |        |         |            |
| 2         | <b>1,42</b> | WA1ZMS /4 | FM07JI | W4WWQ /4 | FM07JI | FSK /CW | 2004 12 21 |
| 3         |             |           |        |          |        |         |            |

**411 GHz - 0,72 mm**

| IARU Reg. | DX (km)     | call 1   | loc 1  | call 2    | loc 2  | mode | date       |
|-----------|-------------|----------|--------|-----------|--------|------|------------|
| 1         | <b>0,05</b> | DB6NT /p | JO60TH | DL1JIN /P | JO60TH | SSB  | 1998 01 06 |
| 2         |             |          |        |           |        |      |            |
| 3         |             |          |        |           |        |      |            |

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## Mikrowellen DX Rekorde

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| 4  | 47 GHz - 6,4 mm .....       | 7 |
| 5  | 76/77 GHz - 3,9 mm .....    | 8 |
| 6  | 122 GHz - 2,5 mm .....      | 8 |
| 7  | 134/136 GHz - 2,2 mm .....  | 8 |
| 8  | 142/145 GHz - 2 mm .....    | 8 |
| 9  | 241/248 GHz - 1,24 mm ..... | 8 |
| 10 | 322 GHz - 0,93mm .....      | 9 |
| 11 | 403 GHz - 0,74 mm .....     | 9 |
| 12 | 411 GHz - 0,72 mm .....     | 9 |

## 5.760 MHz - 6 cm

| IARU Reg. | DX (km)     | call 1 | loc 1  | call 2 | loc 2  | mode | date       |
|-----------|-------------|--------|--------|--------|--------|------|------------|
| 1         | 1244        | G3XDY  | JO20B  | OK2BFH | JN99FN | CW   | 2003 09 17 |
| 2         | <b>3982</b> | N6CA   | DM03TR | KH6HME | BK29GO | CW   | 1991 07 29 |
| 3         |             |        |        |        |        |      |            |

## 10.368 GHz - 3 cm

| IARU Reg. | DX (km)     | call 1    | loc 1   | call 2   | loc 2     | mode    | date       |
|-----------|-------------|-----------|---------|----------|-----------|---------|------------|
| 1         | <b>2079</b> | 4X /DJ4AM | Netanya | I /DJ3KM | Lampedusa | SSB     | 2000 06 25 |
| 2         | 1460        | AD6FP     | CM96WA  | 4C2WH    | DL34WT    | SSB /CW | 2007 08 19 |
| 3         |             |           |         |          |           |         |            |

## 24 GHz - 1,2 cm

| IARU Reg. | DX (km)    | call 1 | loc 1  | call 2  | loc 2  | mode    | date       |
|-----------|------------|--------|--------|---------|--------|---------|------------|
| 1         | <b>710</b> | F2CT/p | JN13IQ | LX1DB   | JN39CO | CW/RS   | 208 06 24  |
| 2         | 543        | W5LUA  | EM13QC | WW2R /5 | EM41HC | SSB /CW | 2002 09 07 |
| 3         |            |        |        |         |        |         |            |

## 47 GHz - 6,4 mm

| IARU Reg. | DX (km)    | call 1 | loc 1  | call 2 | loc 2  | mode    | date       |
|-----------|------------|--------|--------|--------|--------|---------|------------|
| 1         |            |        |        |        |        |         |            |
| 2         | <b>343</b> | AD6FP  | DM07BS | W6QI   | DM04MS | SSB /CW | 2005 10 30 |
| 3         |            |        |        |        |        |         |            |

**76/77 GHz - 3,9 mm**

| IARU Reg. | DX (km)    | call 1          | loc 1  | call 2   | loc 2  | mode | date       |
|-----------|------------|-----------------|--------|----------|--------|------|------------|
| 1         | 135        | OE3WOG/P        | JN77XX | OE5VRL/5 | JN78   | SSB  |            |
| 2         | <b>177</b> | W0EOM/6/AD6FP/6 | CM88QP | KF6KVG   | CM97AD | CW   | 2002 03 01 |
| 3         |            |                 |        |          |        |      |            |

**122 GHz - 2,5 mm**

| IARU Reg. | DX (km) | call 1   | loc 1  | call 2   | loc 2  | mode   | date       |
|-----------|---------|----------|--------|----------|--------|--------|------------|
| 1         | 55,2    | OE3WOG/P | JN77HX | OE5VRL/5 | JN78DK | CW/SSB | 2009       |
| 2         |         | WA1ZMS/4 | EM98UR | W4WWQ/4  | FM07FM | FSK/CW | 2005 01 18 |
| 3         |         |          |        |          |        |        |            |

**134/136 GHz - 2,2 mm**

| IARU Reg. | DX (km)      | call 1   | loc 1  | call 2  | loc 2  | mode   | date       |
|-----------|--------------|----------|--------|---------|--------|--------|------------|
| 1         |              |          |        |         |        |        |            |
| 2         | <b>114,4</b> | WA1ZMS/4 | EM96UR | W4WWQ/4 | FM07FM | CW/FSK | 2006 02 26 |
| 3         |              |          |        |         |        |        |            |

**142/145 GHz - 2 mm**

| IARU Reg. | DX (km)     | call 1 | loc 1  | call 2   | loc 2  | mode   | date       |
|-----------|-------------|--------|--------|----------|--------|--------|------------|
| 1         |             |        |        |          |        |        |            |
| 2         | <b>79,7</b> | W2SZ/4 | FM07FM | WA1ZMS/4 | EM96WX | FSK/CW | 2003 01 12 |
| 3         |             |        |        |          |        |        |            |



**241/248 GHz - 1,24 mm**

| IARU Reg. | DX (km)    | call 1       | loc 1  | call 2      | loc 2  | mode       | date          |
|-----------|------------|--------------|--------|-------------|--------|------------|---------------|
| 1         |            |              |        |             |        |            |               |
| 2         | <b>114</b> | WA1ZMS<br>/4 | FM07FM | W4WWQ<br>/e | EM98UR | FSK<br>/CW | 2008 01<br>21 |
| 3         |            |              |        |             |        |            |               |

**322 GHz - 0,93mm**

| IARU Reg. | DX (km) | call 1       | loc 1  | call 2      | loc 2  | mode       | date          |
|-----------|---------|--------------|--------|-------------|--------|------------|---------------|
| 1         |         |              |        |             |        |            |               |
| 2         |         | WA1ZMS<br>/4 | FM07II | W4WWQ<br>/4 | FM07ji | FSK<br>/CW | 2003 03<br>04 |
| 3         |         |              |        |             |        |            |               |

**403 GHz - 0,74 mm**

| IARU Reg. | DX (km)     | call 1       | loc 1  | call 2      | loc 2  | mode       | date          |
|-----------|-------------|--------------|--------|-------------|--------|------------|---------------|
| 1         |             |              |        |             |        |            |               |
| 2         | <b>1,42</b> | WA1ZMS<br>/4 | FM07JI | W4WWQ<br>/4 | FM07JI | FSK<br>/CW | 2004 12<br>21 |
| 3         |             |              |        |             |        |            |               |

**411 GHz - 0,72 mm**

| IARU Reg. | DX (km)     | call 1      | loc 1  | call 2       | loc 2  | mode | date          |
|-----------|-------------|-------------|--------|--------------|--------|------|---------------|
| 1         | <b>0,05</b> | DB6NT<br>/p | JO60TH | DL1JIN<br>/P | JO60TH | SSB  | 1998 01<br>06 |
| 2         |             |             |        |              |        |      |               |
| 3         |             |             |        |              |        |      |               |

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| 4  | 47 GHz - 6,4 mm .....       | 11 |
| 5  | 76/77 GHz - 3,9 mm .....    | 12 |
| 6  | 122 GHz - 2,5 mm .....      | 12 |
| 7  | 134/136 GHz - 2,2 mm .....  | 12 |
| 8  | 142/145 GHz - 2 mm .....    | 12 |
| 9  | 241/248 GHz - 1,24 mm ..... | 12 |
| 10 | 322 GHz - 0,93mm .....      | 13 |
| 11 | 403 GHz - 0,74 mm .....     | 13 |
| 12 | 411 GHz - 0,72 mm .....     | 13 |

## 5.760 MHz - 6 cm

| IARU Reg. | DX (km)     | call 1 | loc 1  | call 2 | loc 2  | mode | date       |
|-----------|-------------|--------|--------|--------|--------|------|------------|
| 1         | 1244        | G3XDY  | JO20B  | OK2BFH | JN99FN | CW   | 2003 09 17 |
| 2         | <b>3982</b> | N6CA   | DM03TR | KH6HME | BK29GO | CW   | 1991 07 29 |
| 3         |             |        |        |        |        |      |            |

## 10.368 GHz - 3 cm

| IARU Reg. | DX (km)     | call 1    | loc 1   | call 2   | loc 2     | mode    | date       |
|-----------|-------------|-----------|---------|----------|-----------|---------|------------|
| 1         | <b>2079</b> | 4X /DJ4AM | Netanya | I /DJ3KM | Lampedusa | SSB     | 2000 06 25 |
| 2         | 1460        | AD6FP     | CM96WA  | 4C2WH    | DL34WT    | SSB /CW | 2007 08 19 |
| 3         |             |           |         |          |           |         |            |

## 24 GHz - 1,2 cm

| IARU Reg. | DX (km)    | call 1 | loc 1  | call 2  | loc 2  | mode    | date       |
|-----------|------------|--------|--------|---------|--------|---------|------------|
| 1         | <b>710</b> | F2CT/p | JN13IQ | LX1DB   | JN39CO | CW/RS   | 208 06 24  |
| 2         | 543        | W5LUA  | EM13QC | WW2R /5 | EM41HC | SSB /CW | 2002 09 07 |
| 3         |            |        |        |         |        |         |            |

## 47 GHz - 6,4 mm

| IARU Reg. | DX (km)    | call 1 | loc 1  | call 2 | loc 2  | mode    | date       |
|-----------|------------|--------|--------|--------|--------|---------|------------|
| 1         |            |        |        |        |        |         |            |
| 2         | <b>343</b> | AD6FP  | DM07BS | W6QI   | DM04MS | SSB /CW | 2005 10 30 |
| 3         |            |        |        |        |        |         |            |

**76/77 GHz - 3,9 mm**

| IARU Reg. | DX (km)    | call 1          | loc 1  | call 2   | loc 2  | mode | date       |
|-----------|------------|-----------------|--------|----------|--------|------|------------|
| 1         | 135        | OE3WOG/P        | JN77XX | OE5VRL/5 | JN78   | SSB  |            |
| 2         | <b>177</b> | W0EOM/6/AD6FP/6 | CM88QP | KF6KVG   | CM97AD | CW   | 2002 03 01 |
| 3         |            |                 |        |          |        |      |            |

**122 GHz - 2,5 mm**

| IARU Reg. | DX (km) | call 1   | loc 1  | call 2   | loc 2  | mode   | date       |
|-----------|---------|----------|--------|----------|--------|--------|------------|
| 1         | 55,2    | OE3WOG/P | JN77HX | OE5VRL/5 | JN78DK | CW/SSB | 2009       |
| 2         |         | WA1ZMS/4 | EM98UR | W4WWQ/4  | FM07FM | FSK/CW | 2005 01 18 |
| 3         |         |          |        |          |        |        |            |

**134/136 GHz - 2,2 mm**

| IARU Reg. | DX (km)      | call 1   | loc 1  | call 2  | loc 2  | mode   | date       |
|-----------|--------------|----------|--------|---------|--------|--------|------------|
| 1         |              |          |        |         |        |        |            |
| 2         | <b>114,4</b> | WA1ZMS/4 | EM96UR | W4WWQ/4 | FM07FM | CW/FSK | 2006 02 26 |
| 3         |              |          |        |         |        |        |            |

**142/145 GHz - 2 mm**

| IARU Reg. | DX (km)     | call 1 | loc 1  | call 2   | loc 2  | mode   | date       |
|-----------|-------------|--------|--------|----------|--------|--------|------------|
| 1         |             |        |        |          |        |        |            |
| 2         | <b>79,7</b> | W2SZ/4 | FM07FM | WA1ZMS/4 | EM96WX | FSK/CW | 2003 01 12 |
| 3         |             |        |        |          |        |        |            |

**241/248 GHz - 1,24 mm**

| IARU Reg. | DX (km)    | call 1    | loc 1  | call 2   | loc 2  | mode    | date       |
|-----------|------------|-----------|--------|----------|--------|---------|------------|
| 1         |            |           |        |          |        |         |            |
| 2         | <b>114</b> | WA1ZMS /4 | FM07FM | W4WWQ /e | EM98UR | FSK /CW | 2008 01 21 |
| 3         |            |           |        |          |        |         |            |

**322 GHz - 0,93mm**

| IARU Reg. | DX (km) | call 1    | loc 1  | call 2   | loc 2  | mode    | date       |
|-----------|---------|-----------|--------|----------|--------|---------|------------|
| 1         |         |           |        |          |        |         |            |
| 2         |         | WA1ZMS /4 | FM07II | W4WWQ /4 | FM07ji | FSK /CW | 2003 03 04 |
| 3         |         |           |        |          |        |         |            |

**403 GHz - 0,74 mm**

| IARU Reg. | DX (km)     | call 1    | loc 1  | call 2   | loc 2  | mode    | date       |
|-----------|-------------|-----------|--------|----------|--------|---------|------------|
| 1         |             |           |        |          |        |         |            |
| 2         | <b>1,42</b> | WA1ZMS /4 | FM07JI | W4WWQ /4 | FM07JI | FSK /CW | 2004 12 21 |
| 3         |             |           |        |          |        |         |            |

**411 GHz - 0,72 mm**

| IARU Reg. | DX (km)     | call 1   | loc 1  | call 2    | loc 2  | mode | date       |
|-----------|-------------|----------|--------|-----------|--------|------|------------|
| 1         | <b>0,05</b> | DB6NT /p | JO60TH | DL1JIN /P | JO60TH | SSB  | 1998 01 06 |
| 2         |             |          |        |           |        |      |            |
| 3         |             |          |        |           |        |      |            |

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