

DR2X
J040QL

May
Contest

2023



Hello dear friends of VHF contesting

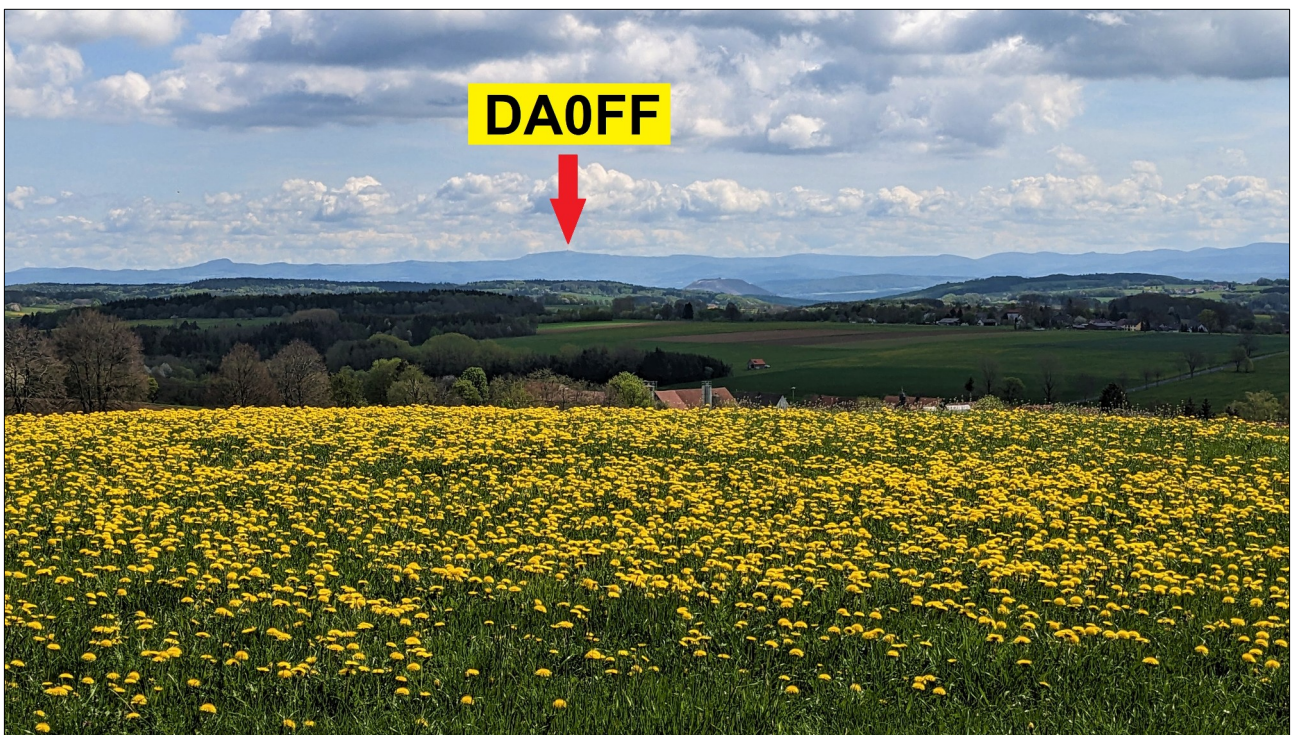
The May Contest is now history again. The set-up on Saturday was slow, as not all members of the contest group were present at the beginning. So this time we were QRV only about an hour before 14:00 UTC.

The contest started very well. And the QRM situation was very relaxed despite the presence of DA0FF on the Wasserkuppe (42 km, free-space path loss only 108 dB on 2m). Since the south antenna from the „Star Antenna“ is currently unusable because of strong digital interference by the local WLAN Access Point, an extra south antenna (single 8 element DK7ZB) was set up on the contest bus this time. This was very useful, because many weak stations from Baden-Württemberg and further south could be received without problems.

The weather was fine on site. Only on Saturday evening there was a some rain for a short time. Sunday remained completely dry in JO40QL during our presence. Further south in Germany it rained very heavily. Fortunately we were spared from this.

The conditions were average this time. We could not work a single station from UK. Were they all at Charles' coronation?

Besides the usual operation on 2m, the 10 GHz band was activated for the second time after July 2021. However, only with extremely low QRPppp output power. Of course not many QSOs were possible. But the goals were archived.



*We had our fellow competitor on the Wasserkuppe JO40XL
under close observation for most of the time*

Scenes from the set-up and dismantling



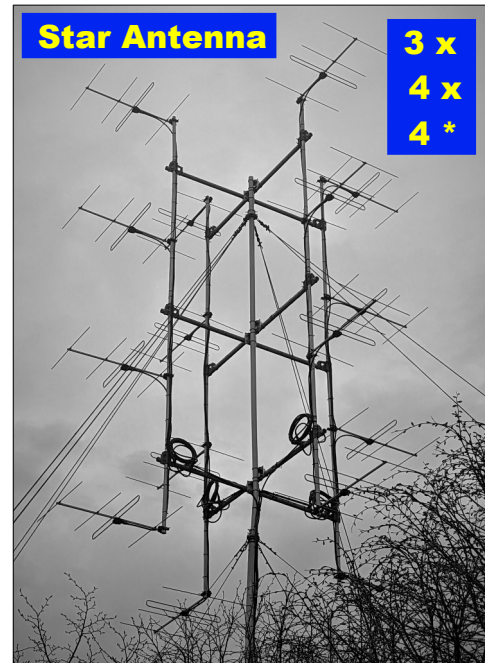
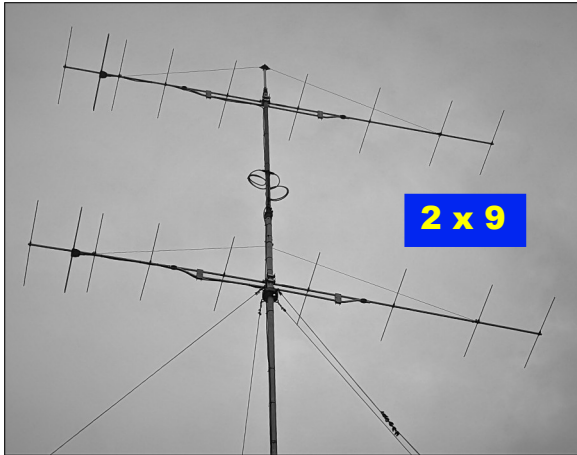
Even guy ropes deserve a rest once in a while



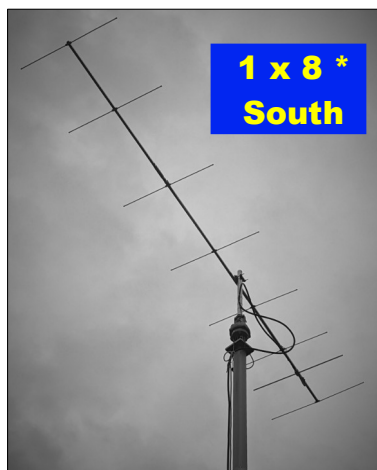
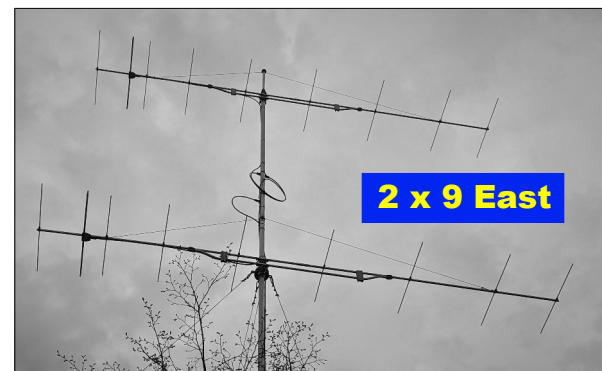
Eugen showed full commitment, so that the 2 x 17 element would not fall over later



QRO & Big Antennas @ Low Frequency



* The 8 element
was a replacement
for one of the four
„Star Antennas“
with direction south



Elecraft K3s / Kuhne transverter TR144H+40 (14 MHz IF)
BEKO power amplifier 750 Watt out
Additional crystal filter for 14 MHz IF built by DA0FF
Heil Headset & Schurr CW paddel
Logging programm WinTest



QRPppp & Small Antenna @ High Frequency



Transverter „Portable Simple“
 1988 design by Jürgen DC0DA
 Current output only 250 μ W!
 Defective MGF1302 TX mixer, only acts as
 passive diode mixer, „normal“ output 1 mW
 10 GHz LO by Dieter DF9NP
 External reference from a 10 MHz OCXO
 16 dBd horn antenna
 FT817 as transceiver for the 2m IF
 12 V / 6 Ah LiFePO4 battery by EREMIT
 (Txn Tobias DO8DTS for the loan of this battery)

Results: 3 QSOs – watch the following videos!

Walter DH6FAH/p & Frank DG5FEB/p in JO40PL (6 km)

https://c.web.de/@337150638448182491/aikAXqmOS_KlnjmHwTKeg

Remark: No „Light of Sight“ to JO40PL!

DA0FF in JO40XL (42 km)

[@337150638448182491/oS3hsp3sQG-tGI8R3G0Jw](https://c.web.de/@337150638448182491/oS3hsp3sQG-tGI8R3G0Jw) @DR2X

[@337150638448182491/zVPJCpEATj-P-KA-lzXA3w](https://c.web.de/@337150638448182491/zVPJCpEATj-P-KA-lzXA3w) @DA0FF*

Reception of DB0MOT beacon Feldberg i.T. JO40FF (71 km)

https://c.web.de/@337150638448182491/mcLr49kSSs2_rtCenty5EA

Reception of CQ call by Daniel DL3IAE JN49DG (155 km)

<https://c.web.de/@337150638448182491/ted43yZJRw-syyuiVUf8yg>



10 GHz antenna set-up
 at DA0FF in JO40XL *

* Courtesy of Alexander DL8AAU

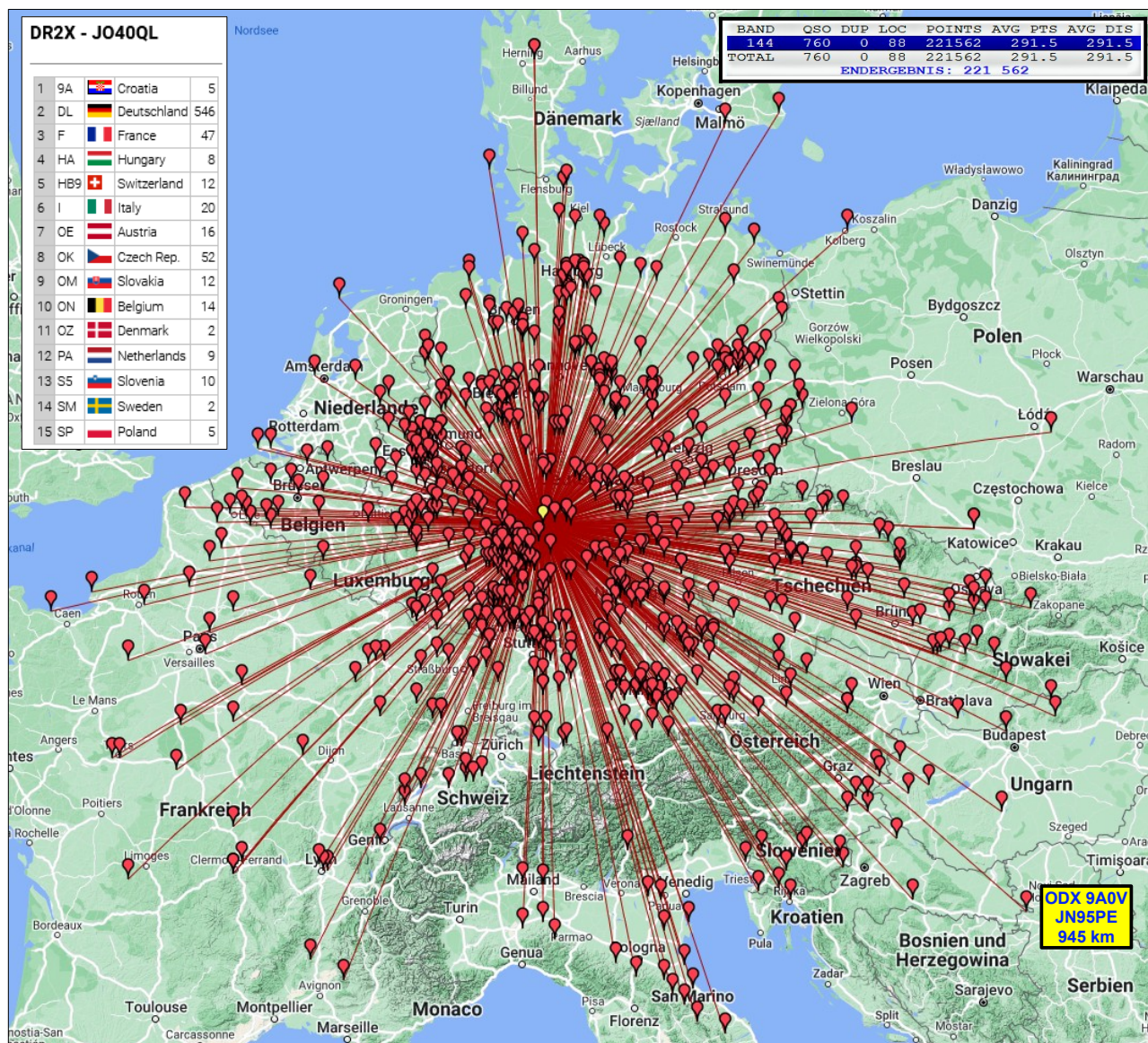
Operation and the Results on 2m



*Our guest Michael DF2FA attentively observes
Eugen DL3ZAL during contest operation*

Shift schedule

Time (UTC)	Operator
14:00 – 16:00	DL3IAS
16:00 – 18:00	DL6ZBN
18:00 – 20:00	DJ0WW
20:00 – 23:00	DL3ZAL
23:00 – 04:00	DL6ZBN
04:00 – 06:00	DL3IAS
06:00 – 08:00	DJ0WW
08:00 – 10:00	DG7NCY
10:00 – 12:00	DL3ZAL
12:00 – 14:00	DL6ZBN



Thank you, 73 and see you next contest



f.l.t.r Sitting in front: Nino DL3IAS, Jörg DL6ZBN, Dirk DK7CM, Eugen DL3ZAL
Standing behind: Eberhard DG7NCY, Glyn DJ0WW
Our geusts: Georg DL2KP (no photo) and Michael DF2FA (see page 5)

