

Locator JN49EJ

March Contest 2021









QSO Map for 144 MHz

Station:

.

.

- Elecraft K3s
- TR144H+40 Transverter (DB6NT)
- 30 Watt Output
- 7 Element Yagi WY207 by Wimo

QSO Map for 432 MHz

Station:

- Elecraft K3s
- Modified DJ8ES Homemade Transverter
- PA by DG0VE
- 30 Watt Output
- 18 Element Yagi WY7018 by Wimo



QSO Map for 1296 MHz

Station:

- Elecraft K3s
- Homemade Intermediate
 Transverter for 2m IF
- DB6NT 23cm Transverter
- DB6NT PA
- 100 Watt Output
- 1.5 m Parabolic Dish with Double Rigid Horn by LX1DU





The main sponsor of my QSO on 1296 MHz with Uwe DL1SUZ: A BOEING 787-10 Dreamliner by Etihad Airways, Flight ETD48S from Abu Dhabi to Schiphol



QSO Map for 2320 MHz

Station:

.

- Elecraft K3s
 - Homemade Intermediate Transverter for 2m IF
 - DB6NT 13cm Transverter
 - DL2AM Driver PA
- UMTS Final PA
- 75 Watt Output
 - 1.5 m Parabolic Dish with Double Rigid Horn by LX1DU

No QSOs Maps for higher Bands. Only two QSOs on 3400 MHz (Daniel DL3IAE and Rudi OE5VRL), and three QSOs on 5760 MHz and 10368 MHz (Daniel DL3IAE, Alexander DH1NAX and Rudi OE5VRL)!



For my QSO with Rudi OE5VRL on 5760 MHz again a supporter from the Middle East: A BOEING 777-200 by Qatar Airways, Flight QTR8143 from Doha to Luxemburg

- Elecraft K3s
- Homemade Intermediate Transverter for 2m IF
- DB6NT Transverters for all three bands
- Toshiba PA for 3400 MHz (40 Watt Output)
- DL2AM PAs for 5760 MHz (8 Watt Output) and 10368 MHz (10 Watt Output)
- Antenna for 3400MHz: 1.5 m Parabolic Dish with Double Rigid Horn by LX1DU
- Antenna for 5760 MHz and 10368 MHz: 65 cm Offset Dish by Technisat

Band	QSOs	Points	Km/QSO	ODX km (Call)	DXCC	Squares
144 MHz	40	6418	160	614 (9A1P)	6	17
432 MHz	28	4811	172	518 (DL1SUZ)	4	13
1296 MHz	42	10621	253	600 (G4ZTR)	9	24
2320 MHz	11	2993	272	585 (G3XDY)	5	9
3400 MHz	2	462	231	446 (OE5VRL)	2	2
5760 MHz	3	719	240	446 (OE5VRL)	2	2
10368 MHz	3	719	240	446 (OE5VRL)	2	2

The Result:

Some Comments from my side:

- The weather was cold, but very nice: Bright blue sky.
- Despite high pressure, unfortunately the tropo conditions were far below average.
- Therefore, many otherwise relatively safe tropo QSOs such as DF0MU and PA4ZP on 10.3 GHz were not possible this time.
- Even to Schwedendwache (JO50TI, QTH of DK0NA) it was only possible on Sunday with a lot of effort on 5.7 GHz and 10.3 GHz.
- Due to the pandemic, there was considerably less supply of large club stations with top QTH in Germany.
- For the same reason, there were practically no club stations QRV in the Czech Republic and Slovakia. Thus, important suppliers for points missed.
- Air traffic is also still very limited due to the pandemic.
- Without the use of Frank's AirScout software, many QSOs on aircraft reflections would not have been possible without this great planning tool.
- In the "Pre-Corona Period" there was so much air traffic over Central Europe that QSOs over longer distances were easily possible without any planning. Like at the maximum of a major meteor shower on the 2-meter band.
- Often, not a single station was audible on 70 cm and 23 cm. Even on 2 m, large parts of the band were empty.
- Due to of frustration, I stopped my operation shortly before 22 hour local time on Saturday evening, and not after midnight as usual.
- In summary: One of the worst March contests in a long time

Thanks for all points, and hope to hear you all again **Nino DL3IAS**