



Dresdener UKW-Runde

150. DUR - Aktivitätscontest März 2021 – Ergebnisse

| QRG | Call | Station | Loc. | QSOs | km | ODX | |
|---------|----------|---------------------------|----------------------|--------|------|-----------------------|------------------------|
| 23cm: | DH3NAN | 200W, 4x23El Yagi | JO50NC | 24 | 8937 | HA8V; KN06HT; 790km | |
| | HA8V | 200W, 220cm Spiegel | KN06HT | 14 | 5545 | DH3NAN; JO50NC; 790km | |
| | HA5UA | 60W, 150cm Gittersp. | JN97PL | 14 | 4111 | IK3GHY; JN65DM; 579km | |
| | DL1AT | 120W, 44El Yagi | JO61SF | 19 | 3131 | OM5CM; JN98DF; 478km | |
| | HA2ML | 100W, 120cm Spiegel | JN97CO | 11 | 2601 | DH3NAN; JO50NC; 588km | |
| | DJ2DA | 200cm Spiegel | JO61PG | 12 | 2314 | OE3JPC; JN87EW; 433km | |
| | 9A5M | 10W, 210cm Spiegel | JN95GO | 8 | 1919 | OK2KKW; JO70FD; 590km | |
| | 9A8D | 30W, 200cm Spiegel | JN95LM | 6 | 1348 | IK3GHY; JN65BH; 534km | |
| | DL1HTT | 5W, 2x37El Yagi | JO61FR | 6 | 1110 | OE3JPC; JN87EW; 507km | |
| | DG2DWL | 10W, 20El Yagi | JO60UW | 21 | 807 | DL7EL; JO62PN; 183km | |
| | DG0VV | 5W, 180cm Spiegel | JO62RM | 9 | 772 | DH3NAN; JO50NC; 314km | |
| | FM-QRP | DM4SWL/P | 2W, 13El Yagi | JO61NI | 14 | 745 | DD5RS; JO60XX; 72km |
| | FM-QRP | DL1WU | 2W, 22El Yagi | JO61XE | 13 | 502 | DG0JMB; JO60LV; 78km |
| | | DL6AST | 20W, 24El Yagi | JO60GQ | 3 | 325 | DL1HTT; JO61FR; 116km |
| | | DG5VL | 40W, Comet-21 | JO61WA | 12 | 195 | DM4SWL/P; JO61NI; 64km |
| | FM-QRP | DL2HSC | 2.5W, 5El Yagi | JO60NR | 2 | 146 | DL1WU; JO61XE; 77km |
| | | YO3GNF | 10W, F9FT 23El | KN34AL | 2 | 109 | YO7CW; KN24KU; 102km |
| | | YO7CW | 15W, 40El Yagi | KN24KU | 1 | 102 | YO3GNF; KN34AL; 102km |
| | | DJ5AM | Quad | JO61WB | 3 | 96 | DJ2DA; JO61PG; 47km |
| | | DG4BAQ | 400w, GP-21 Vertikal | JO43JM | 2 | 93 | DC4XH; JO43XQ; 79km |
| | | DL8WQQ | 10W, 100cm Spiegel | JO61II | 1 | 84 | DG2DWL; JO60UW; 84km |
| | | DF0MTL | 10W, 100cm Spiegel | JO61II | 1 | 84 | DG2DWL; JO60UW; 84km |
| | FM-QRP | DG4VD | 1W, GP98 | JO61VA | 7 | 80 | DL1WU; JO61XE; 22km |
| | YO3FWL | 20W, DJ9BV | KN24XL | 2 | 67 | YO9AYN; KN24SW; 61km | |
| | DL6DVU | 10W, Doppelquad | JO60UX | 7 | 64 | DL1DXA; JO61TB; 16km | |
| | YO9AYN | 15W, 26El Yagi | KN24SW | 1 | 61 | YO3FWL; KN24XL; 61km | |
| 13cm: | HA8V | 100W, 220cm Spiegel | KN06HT | 4 | 1633 | IK3GHY; JN65DM; 658km | |
| | DO1UZ | 2W, PAT2314 | JO60SX | 9 | 232 | DO1UKA; JO71FE; 69km | |
| | DM4SWL/P | 2W, 17El Yagi | JO61NI | 3 | 169 | DG2DWL; JO60UW; 62km | |
| | DG2DWL | 5W, 40El Yagi | JO60UW | 7 | 135 | DM4SWL; JO61NI; 62km | |
| | YO9AYN | 15W, Grid | KN24SW | 2 | 130 | YO3CYR; KN34AK; 68km | |
| | DL6DVU | 2W, Patch-Antenne | JO60UX | 4 | 39 | DD7NT; JO61XC; 15km | |
| | YO3CYR | 50w, PG 24 | KN34AK | 2 | 78 | YO9AYN; KN24SW; 69km | |
| | YO3FWL | 2W, California Grid 24dBi | KN24XL | 2 | 69 | YO9AYN; KN24SW; 61km | |
| 09cm: | | | | | | | |
| | | | | | | | |
| 06cm: | | | | | | | |
| | | | | | | | |
| 03cm: | HA8V | 8W, 143cm Spiegel | KN06HT | 4 | 1699 | OK2KKW; JO70FD; 587km | |
| | DG0VV | 8W, 120cm Spiegel | JO62RM | 6 | 443 | DL4DTU; JO60TR; 200km | |
| | HA2ML | 5W, 120cm Spiegel | JN97CO | 2 | 338 | HA8V; KN06HT; 203km | |
| | DG1VC | 8W, 60cm Spiegel | JO70HW | 3 | 280 | DG0VV; JO62RM; 194km | |
| | DL2DRG | 7.5W, 45cm Spiegel | JO70JW | 2 | 98 | DL4DTU; JO60TR; 86km | |
| | DH3NAN | 4W, 48cm Spiegel | JO50NC | 1 | 55 | DL6NCI; JO50VI; 55km | |
| 24GHz: | DG0VV | 1W, 120cm Spiegel | JO62RM | 2 | 48 | DC7QH; JO62QN; 24km | |
| | | | | | | | |
| >300GHz | | | | | | | |

Bitte auch die 1297.500 (SBW-Frequenz) in FM für die Bergfunker aktivieren. #
 # SSB - Stationen: Bitte jede volle und halbe Stunde auf die FM-QRG schalten. #

Stimmen zum Wettbewerb:

Laci, HA5UA: Do to the low air traffic, I failed to log any DL station. Otherwise the tropo was ordinary..

Günther, DM4SWL: WX war nix! Vorzeitig abgebrochen!

Manfred, DG4BAQ: Leider waren die Bedingungen mies, nur einen OM aus Hamburg habe ich bekommen, und einen aus Bremerhaven.

Gheorghe, YO3CYR: Not able this round in 23 cm, no stations in 6 cm, yet, maybe next round.

Andre', DL6AST/DL0ZWI : ...ich bin mir nicht sicher ob es notwendig ist, das Log einzusenden, hauptsächlich wollte ich meinen Eigenbau-Transverter testen.

Gabi, HA8V/HA8MV: Special thanks for your patience: S51WX-9A2GA. I experimented a lot with the DL4DTU, but nothing. There was no proper AP with OK1PGS throughout the contest! Matej, on the other hand, also spoke fantastic at 3cm band, so much so that I also have 2 QSOs with him in my LOG. The Matthias as promised was there too, very simple, loud QSO with him from 790km away! Unfortunately, no more of my Covid friends were in the lane, getting better for them!

Uwe, DL1WU: DUR nach einer Stunde auf Grund der Witterung abgebrochen. Zu viel Wind, zu viel Regen. 23 cm wie immer mit 2 Watt in FM.

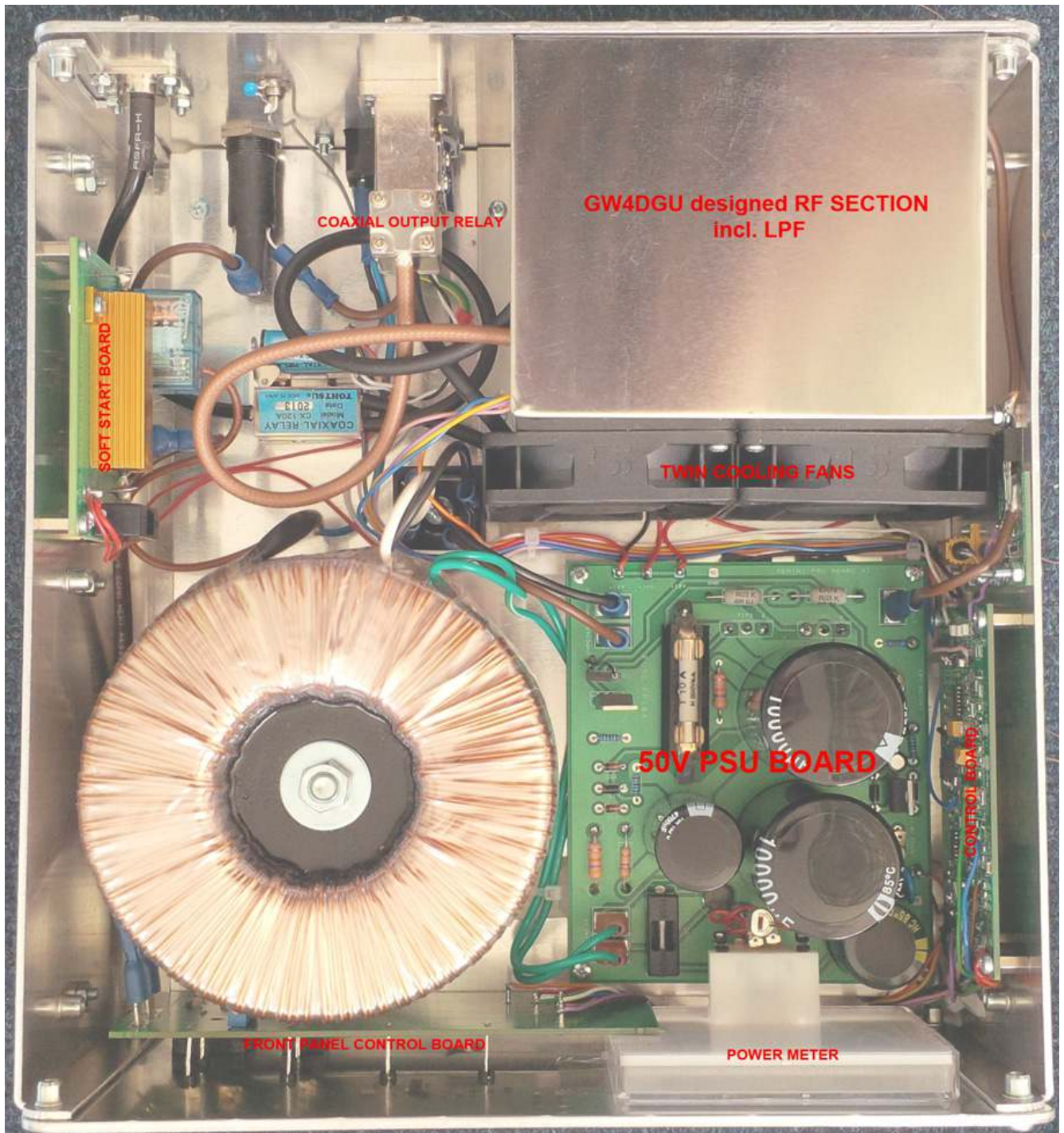
Hartmut, DG2DWL: Diesmal vom Lerchenberg bei hässlichen Schneeregen und schlechten Conds.

Harald, DL2HSC: ...meine beiden 23-cm-Verbindungen aus dem Schneesturm.

DUR-Jahreswertung 2021 (Januar ohne Punkte)

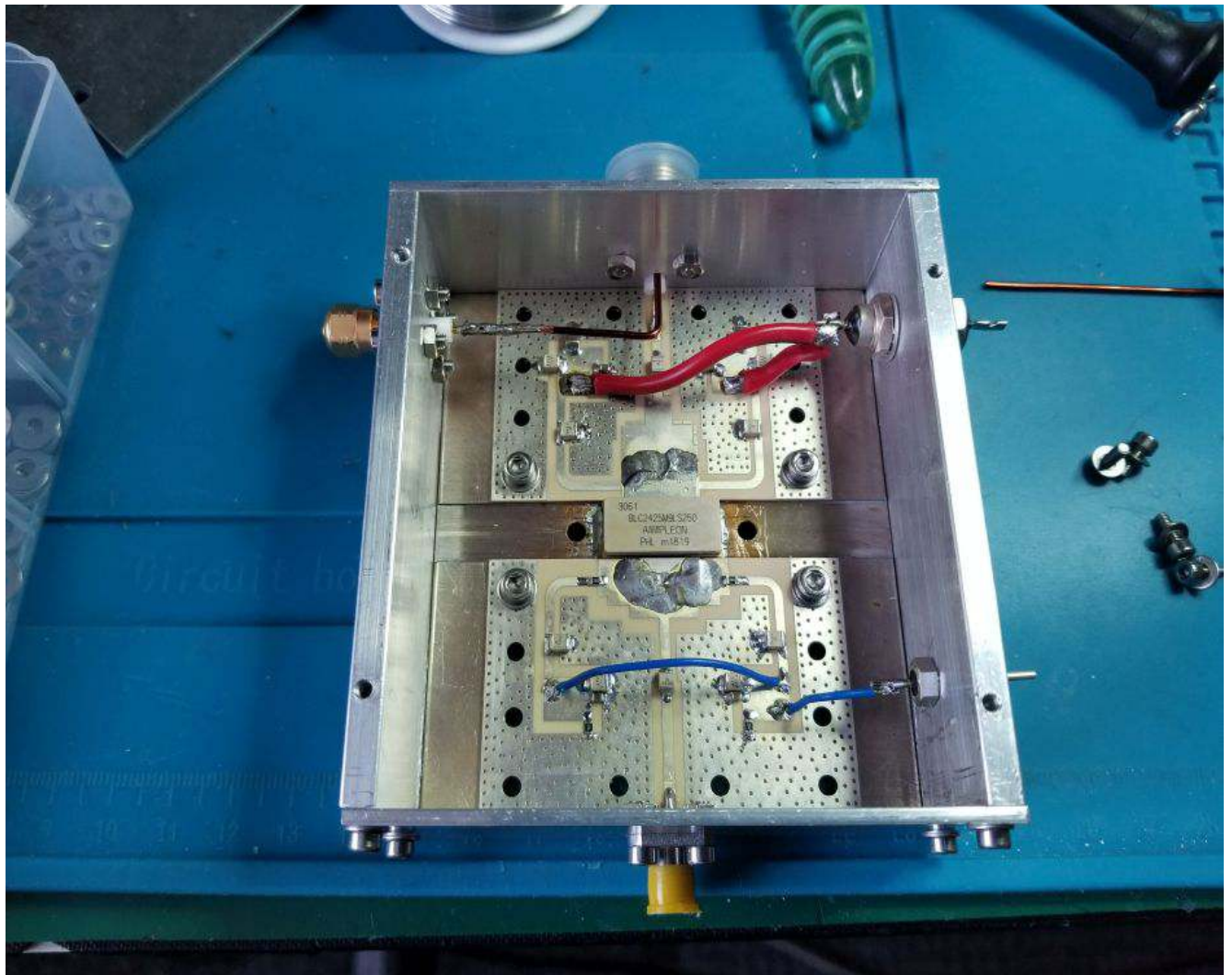
| | | | | | | | | | | | | | |
|--------|---|-------|-------|---|---|---|---|---|---|---|---|---|-------|
| HA8V | 0 | 9844 | 13908 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 23752 |
| DH3NAN | 0 | 9118 | 9102 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 18220 |
| DL4DTU | 0 | 10544 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 10544 |
| HA2ML | 0 | 4823 | 3615 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 8438 |
| HA5UA | 0 | 3527 | 4111 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 7638 |
| HA5HY | 0 | 6773 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 6773 |
| 9A5M | 0 | 3525 | 1919 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 5444 |
| DG0VV | 0 | 2882 | 2341 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 5223 |
| DL1AT | 0 | 1555 | 3131 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 4686 |
| DJ2DA | 0 | 1535 | 2314 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 3849 |
| DM2EUN | 0 | 3624 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 3624 |
| DL1WU | 0 | 1792 | 1004 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 2796 |
| DG2DWL | 0 | 1446 | 1077 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 2523 |
| DM4SWL | 0 | 584 | 1828 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 2412 |
| DG1VC | 0 | 483 | 1722 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 2205 |
| DH5YM | 0 | 1531 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 1531 |
| 9A8D | 0 | 0 | 1348 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 1348 |
| DL2HSC | 0 | 950 | 292 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 1242 |
| DG0LCR | 0 | 1177 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 1177 |
| DL1HTT | 0 | 0 | 1110 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 1110 |
| DL2DRG | 0 | 603 | 294 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 897 |
| DO1UZ | 0 | 318 | 464 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 782 |
| DL7UDA | 0 | 678 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 678 |
| DM2MM | 0 | 675 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 675 |
| DM2AFN | 0 | 510 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 510 |
| DL3MR | 0 | 419 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 419 |
| DG5VL | 0 | 184 | 195 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 379 |
| DL6DVU | 0 | 225 | 142 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 367 |
| DL6AST | 0 | 0 | 325 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 325 |
| YO9AYN | 0 | 0 | 321 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 321 |
| DL3HJG | 0 | 225 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 225 |
| YO3FWL | 0 | 0 | 205 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 205 |
| DG4VD | 0 | 0 | 160 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 160 |
| YO3CYR | 0 | 0 | 156 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 156 |
| DF0MTL | 0 | 72 | 84 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 156 |
| DL8WQQ | 0 | 72 | 84 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 156 |
| YO3GNF | 0 | 0 | 109 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 109 |
| YO7CW | 0 | 0 | 102 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 102 |
| DJ5AM | 0 | 0 | 96 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 96 |
| DG4BAQ | 0 | 0 | 93 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 93 |
| DH5FS | 0 | 93 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 93 |

Nächster DUR - Wettbewerb am 18. April 2021: 08⁰⁰- 11⁰⁰ UTC



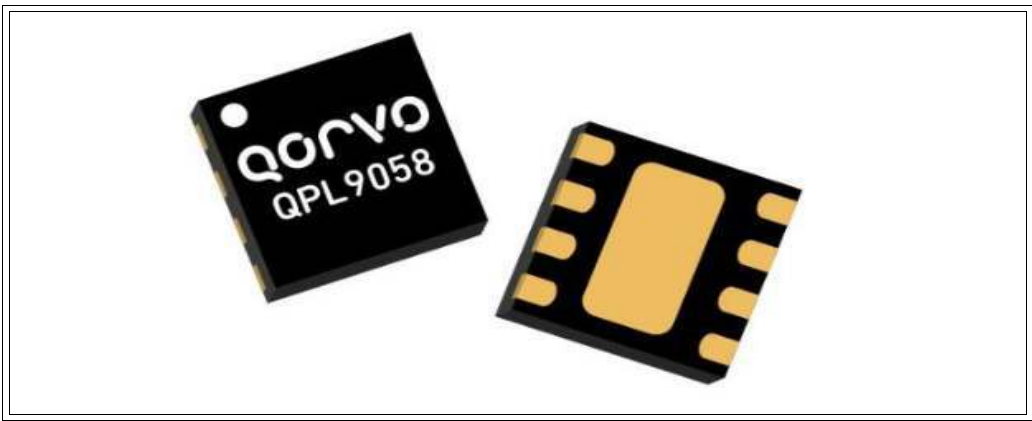
23cm-PA aus England (8W auf 250W) mit NXP BLF6G13L-250P -LDMOS

https://linamp.co.uk/gemini_23.html

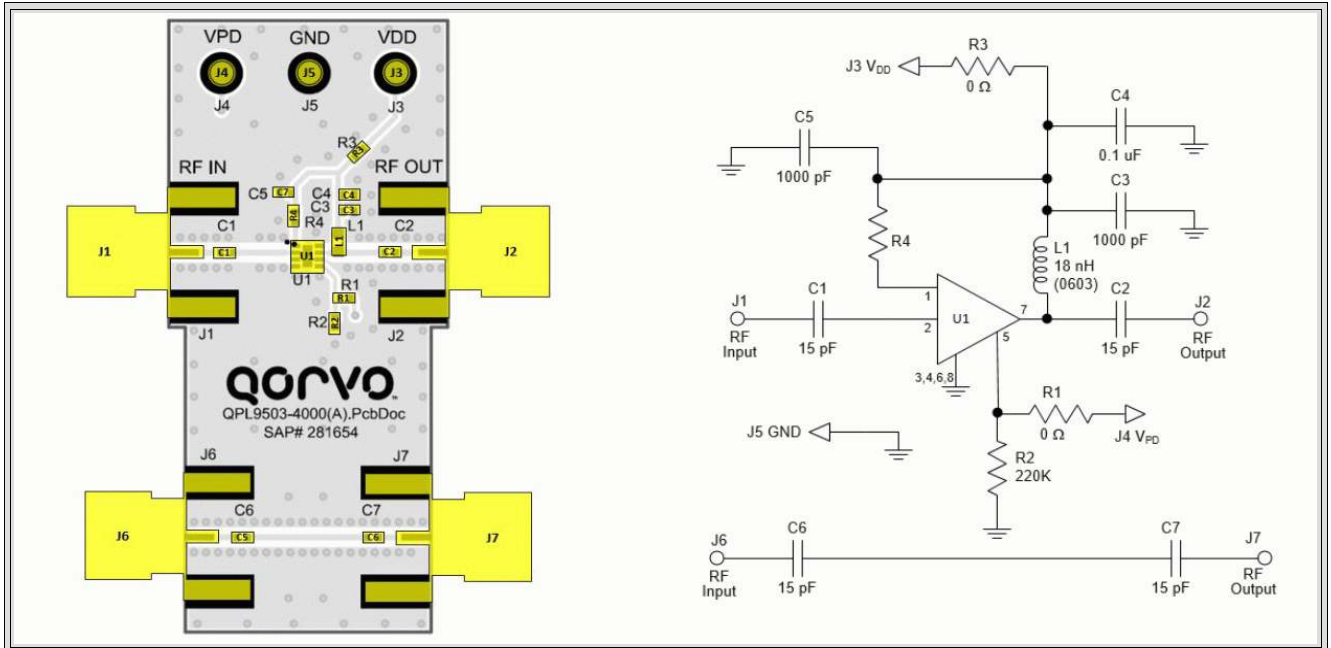


250 Watt 13cm Power Amplifier für QO-100 (DATV)

<https://m0skm.tv/index.php/blog>



Neuer LNA von Qorvo (einsetzbar von 432MHz bis 5,7GHz)



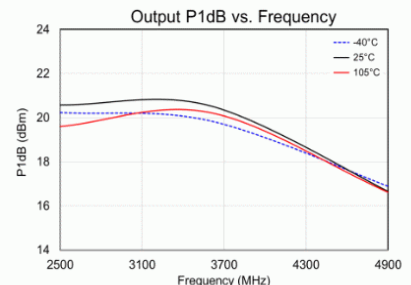
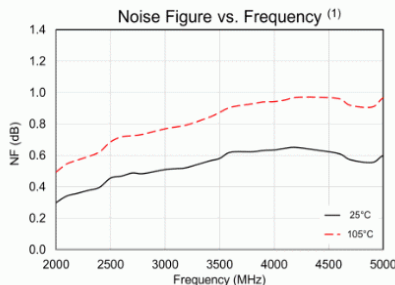
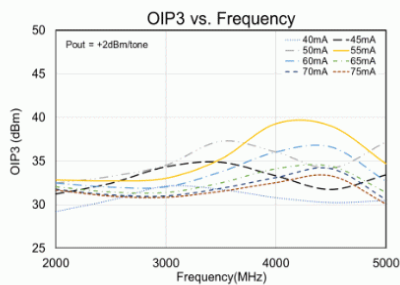
Das Qorvo QPL9058EV B01 Evaluierungsboard ist eine Demonstrations- und Entwicklungsplattform für den QPL9058 extrem rauscharmen LNA. Der QPL9058 ist ein extrem rauscharmer Verstärker, der für 5G-m-MIMO-Applikationen (Massive Multiple Input Multiple Output, m-MIMO) optimiert ist. Bei 3,6 GHz bietet der Verstärker in der Regel eine Gain von 18 dB, ein OIP3 von +36 dBm bei einer Vorspannungseinstellung von 55 mA und einen Rauschfaktor von 0,6 dB. Beim QPL9058 LNA ist die Vorspannung einstellbar und kann von einer einzelnen positiven Versorgung im Bereich von 3,3 V bis 5,0 V vorgespannt werden. Das QPL9058EV B1 Evaluierungsboard verfügt über einen vorbereiteten QPL9058 von Qorvo in einem DFN8-Gehäuse von 2,0 mm x 2,0 mm zusammen mit Testpunkten, die Zugriff auf die wichtigsten Pin-Signale bieten. Das Evaluierungsboard hat eine Beispiel-Applikations-Schaltung, die ein schnelles Prototyping bei einem Einsatz in bestehende Designs ermöglicht. (Kosten bei mouser.de: 72€)



QPL9058
0.5 – 6.0 GHz Ultra Low-Noise LNA

Performance Plots – QPL9058EV B01 Continued

Test conditions unless otherwise noted: $V_{DD} = +5 V$, $I_{DD} = 55 mA$.



Notes:

1. Input trace loss de-embedded from NF. NF at cold temp is better than 0.3dB causing measurement uncertainties. Therefore, not shown on the plot