

The JN69 – story



Abbildung 1: Oberpfalztower on top of mountain "Platte"

At the end of the microwave- season 2011 I decided to do my best to activate the JN69- square on the higher microwave- bands. Most part from JN69 belongs to the territory of the Czechian Republik but there is also a very good QTH in DL. The top of the mountain Platte is about 950m a.s.l and there is also a viewing- tower which is 40m high. The problem is that it is not allowed to go there by car because it is a wildlife park. Searching a long time I could visit the responsible man and explain him what we want to do there. It was a great help to give him a report from an earlier activity at the "Grosser Waldstein" which I made at the begin of July. Last not least we got the o.k. with some restrictions, we had to leave the QTH at begin of darkness.

With this good news I had to ask my friends Michael, DB6NT and Lorenz DL6NCI if they will lend me their portable equipment for the frequencies beyond 3cm.

As far as we know, this square was never on the air on 47GHz and 76GHz. There was some activity from DL6NCO and my friend DK5NI some years ago but they worked only up to 24GHz. Talking to DK5NI I got his agreement to come with me.

With the beautiful station from Michael and Lorenz we could be QRV on 10, 24, 47 and 76GHz. All the equipment we had to carry on top of the tower as well as the Netbook with a UMTS- stick for coming to the ON4KST- chat. Cell- phone does not work well there!

All started at the 1st of October the first day from the IARU- region 1 contest.

Arriving at the supposed time we recognized that we could not hear any beacon on any band. The exciter, an FT290 was not working. It was a great luck that I took a second FT290 from Michael with me, so we had not to interrupt all activities.

The first sked was arranged with DB6NT who was at the location from DK0NA in Langenbach, JO50TI. Very quick and with fine signal we could work with him on 10, and 24GHz. For working on 47 and 76GHz we had to change the transverters and dishes, because we had only one tripod there. Also 47 and 76GHz was no problem. After moving all to the direction from DL6NCI and calling him at the sked- time we could also make complete QSOs very easy. The antenna direction

to DL6NCI is similar the direction to DB6NT if he works from his “business QTH” in Berg, JO50VJ. In the meantime Michael was driving to JO50VJ where we could give him also “new squares”. We decided to wait until the contest starts and do the same again.

I got some requests from other friends for different bands, so we tried next to work with Claus, DL7QY. Talking to him on 3cm with 59- signals we could not complete on 24GHz. Next was a test with DH8BQA near Anklam in JO73. At my fixed QTH in JO50VF it is no problem to work him on 3cm, but we could not find him.

I am really sad that the test with Maurice, F6DKW was not successful. Sometimes I heard him very weak but it was not enough to make a complete contact. Maurice reported me on the KST- chat that sometimes he got something on his spectran.

Making some QSOs during the contest, we decided to stop the activity around 16:00 UTC because it was very cold there.

I think I have to learn a lot of things for making another expedition to such a QTH. There is a big difference to work from my fixed QTH at Ahornberg.

Perhaps I will try to go back to this QTH next year. Now I know that I need a much larger dish for 3cm because it was not possible to work beyond 400km. Also a tripod which is much more stable is necessary! It was very pleasant to see how fine the UMTS- system was working, without this it is not possible to get any informations from the partners.

Anyway we are happy that we were able to make some QSOs at the microwaves and even we could give some friends a new square.

Below you will see some pictures from our activities.



Abbildung 2: Oberpfalzturm



Abbildung 3: village Friedenfels



Abbildung 4: the car from DK5NI



Abbildung 5: view direction DK0NA



Abbildung 6: dir DL6NCI



Abbildung 7: dir DH8BQA



Abbildung 8: left DK5NI with the compass, right DL6NAA



Abbildung 9: small dish for 47 and 76GHz



Abbildung 10: station ready to work



Abbildung 11: DL6NAA working CW at the rig for 10 and 24 GHz



Abbildung 12: DK5NI is searching the right direction



Abbildung 13: FT290, ON4KST-chat ETM 8c



Abbildung 14: DL6NAA, DK5NI



Abbildung 15: 76GHz QSO with JO50TI



Abbildung 16: 47GHz QSO with DL6NCI



Abbildung 17: 24GHz-test with DL7QY



Abbildung 18: during 3cm test with F6DKW



Abbildung 20: Werner is relaxing...



Abbildung 19: ...and talking with DL6NCO on 70cm

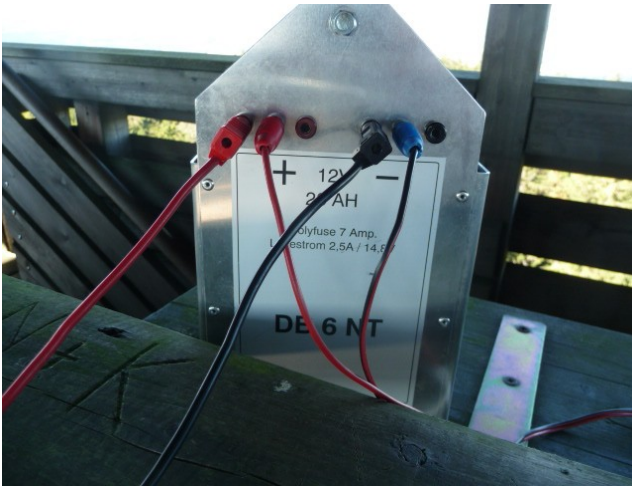


Abbildung 21: the powersupply



Abbildung 22: power- indicatot



Abbildung 23: view dir DL7OY



Abbildung 24: ..and to OK2C



Both, DK5NI and myself had much fun, perhaps we will go to this QTH again next year with a better rig specially for 3cm. Sorry for all negative tests.

73 DL6NAA