

Microvave expedition

Some weeks ago Michael, DB6NT, asked me if there is any possibility to go to the mountain "Kösseine" at the Fichtelgebirge by car. That is not so easy because it is not allowed to use the supplying- street for the little hut at the hilltop for all peoples.

Fortunately there is also a small broadcast transmitter for our local radio station where I have a job from time to time. So I was able to manage to make a short expedition with Gerd, DG8EB, who has a complete portable station running at 47 and 76 GHz.

Last Wednesday, the 2nd of September at 17:00 local time we started from Hof. The picture below shows you our target, the mountain Kösseine, which is abt 936m a.s.l. The distance is about 10 Km, the locator is JN59XX. In the background you can see the tower with the antennas from the broadcast transmitter and some mobile- phone base stations.



After a long day doing our regular job we made a rest at the Kösseinehaus, taking a beer and some food. Also we explained the landlord what we will do at the viewing tower behind his public house.



DL6NAA and DG8EB

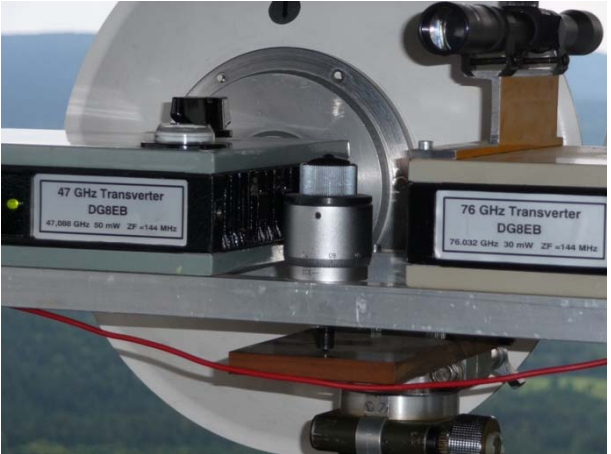
After giving a information to DL6NCI and DB6NT that we will start now the ham radio activity be mobile- phone we carried the equipment to the viewing- tower and Gerd made the setup of his station. I had the honour to make the pictures from this event.



DG8EB is mounting the tripod



Cross talking on 70cm to DB6NT in JO50TI



Gerd in QSO on 47 and 76GHz

I was really surprised about the loud signals at both bands. 59+ on SSB, no noise clear modulation and absolute no frequency- drift is an indicator for outstanding equipment at both sites.



A great help to find the right direction



DG8EB in QSO with DL6NCI



Gerd is observing the 76GHz- band carefully if there is someone else calling cq!



To south direction there is an absolute clear horizon.



If Dolly Buster is looking to the QTH from DL6NCI her view must be similar to this photo!

As we had beautiful weather conditions, a fine dinner and a good and cold beer, both DG8EB and my self had a nice evening. My special thanks has to go to DB6NT and DL6NCI for the idea to go there and of course to Gerd, DG8EB who showed me the world above 10GHz for the first time in my life!

73

Reinhold DL6NAA (/p)