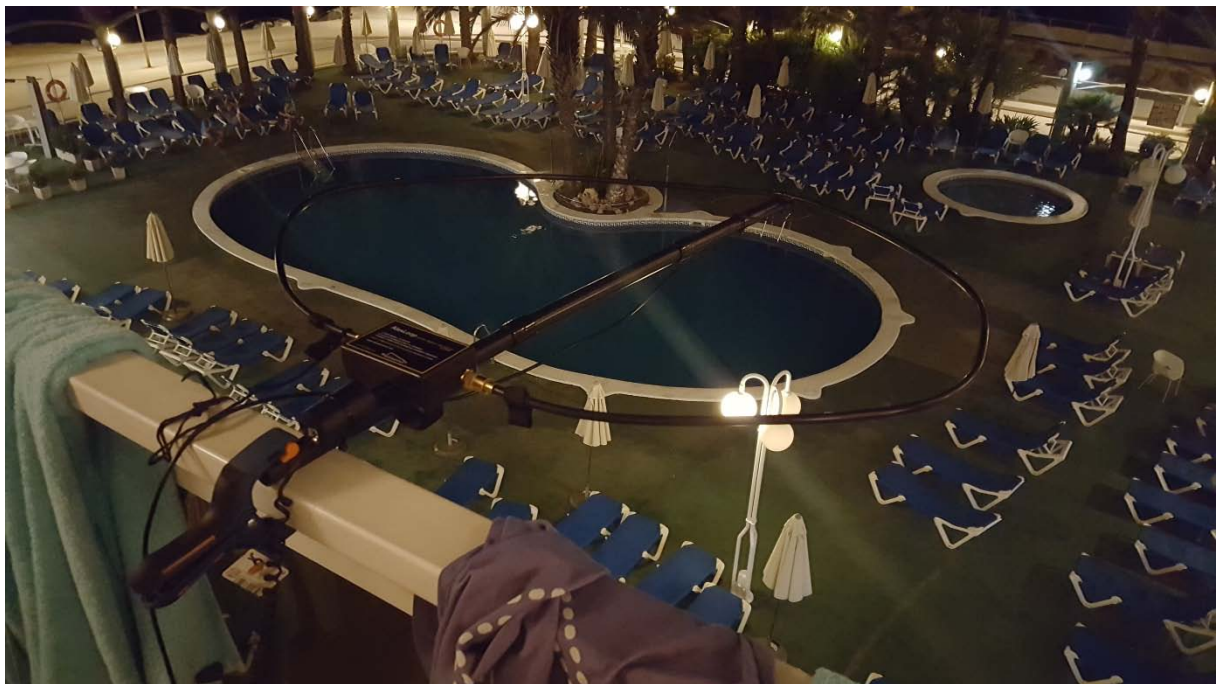


SP5ULN SEQP Station Setup Description

My station was located in a hotel "CAPRICI" in Santa Susanna (Spain, EA3, JN11ip). I was on vacation trip in Spain, and I was operating from there within CEPT regulations.

Antenna was AlexLoop Walkham magnetic loop antenna, which I am using very often during my trips.

<http://www.alexloop.com/>



It was attached to a balcony as can be seen on a picture above. SEQP test started during the day, when this antenna shown up, everybody was looking at it. I was asked questions what is this, and what I am doing. This was an occasion to talk about radioamateur hobby and eclipse.

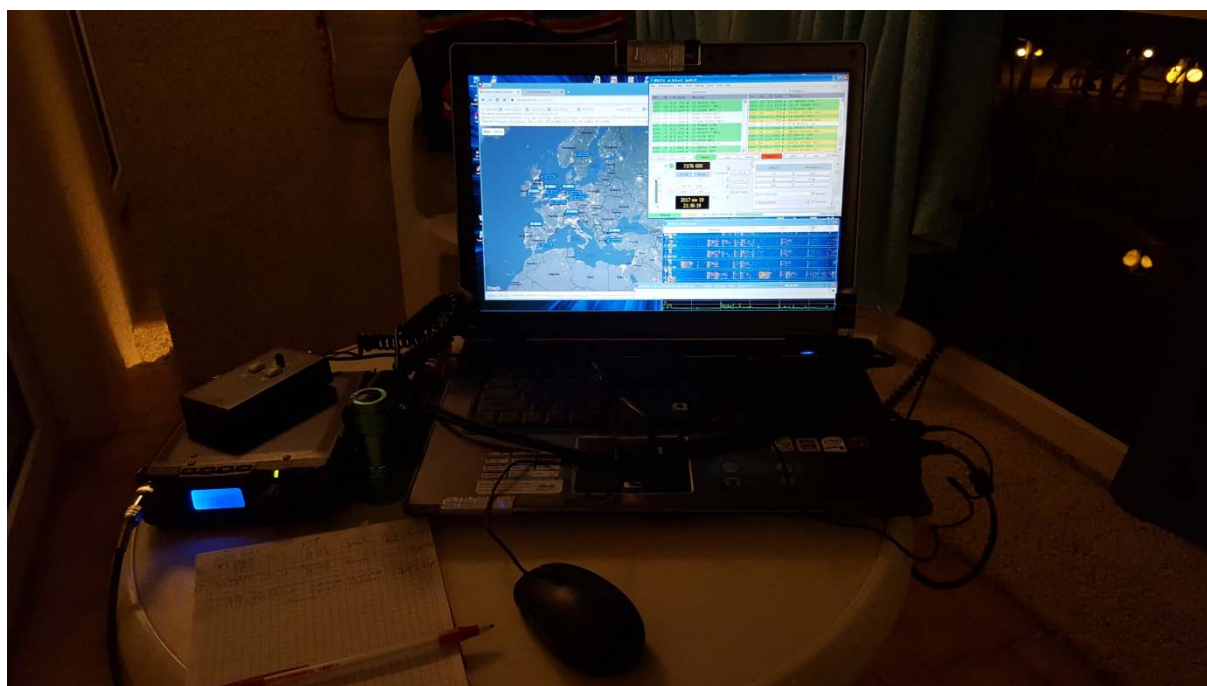
Example radiation patterns for magnetic loop antennas can be seen here:

<http://www.qsl.net/kp4md/magloopfhf.htm>

I assumed my antenna has -5dBi gain on 20m band.

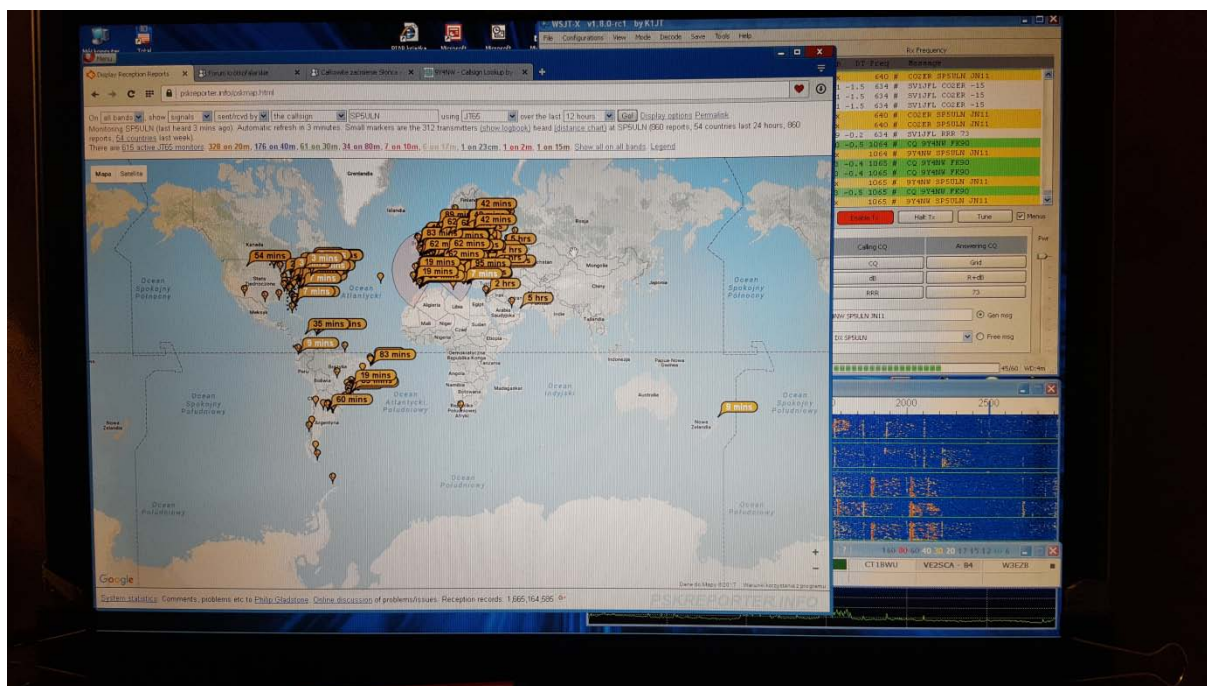
Ground conductivity comes from here: <http://www.stroobandt.com/ground/doc/ground-conductivity-atlas.vlf&mf.pdf> (Figure 11)

Station was located on the balcony, as can be seen on picture below.



The rest of a station is simply standard: FT-817ND (at 5W Tx power), digi mode interface (with VOX PTT), laptop, WSJT-X 1.8, JT Alert.

Below is a screen from PSK Reporter after 8 hours of SEQP test.



In my opinion it was not bad as for my little station.

Vy 73

SP5ULN