

# My station

One finds here a description of my radio station, band per band.

## **HF**

I'm using a Kenwood TS-440S transceiver and as antenna, either a multiband Windom FD-4, either a 5/8 ground mounted vertical for the 10 m band. I'm not very active on HF.

## **70 MHz (currently not active)**

A Yaesu FT-857D is used as driver on a 28 MHz IF, it is followed by a [Transverter 28-70 MHz](#) and a OZ2M designed PA. The power is 20W. The antenna is a [5 el. YU7EF](#) (3 m long boom).

## **144 MHz**

As for the 70 MHz, I'm using the Yaesu FT-857D as driver of (28 MHz) a subsequent transverter. The transceiver is followed by an [interface](#). Both the transceiver and the interface are located in the shack.

Between the shack and the tower, there is 55 m of RG213 coax cable.

At the foot of the tower, in a cabinet, one finds a [Transverter 28-144 MHz](#) and a [1kW SSPA](#) (BLF188XR). From the SSPA to the antenna, there is 16 m of 1/2" low loss coax cable ([Eupen](#) 5128) + 6 m of Ecoflex 10 up to the radiating dipoles of the antennas. I don't use a masthead RX preamplifier.

The antennas are [2x9 el. DK7ZB](#), 19 m agl and 119 m asl, with elevation capability. This system is used for the terrestrial traffic, as well as for EME.

For the local FM traffic (and sometimes also for Es), I'm using the same FT-857D or a FT-7800 together with a 5/8 vertical 12 m agl. I'm QRV D-STAR with an Icom ID-51 transceiver but almost not active in this mode. For the DMR (that I much more prefer to D-STAR), I'm using a Tytera MD-380 ; often stand-by on TG's 2062 or 937.

## **1296 MHz (currently not active)**

I have a [Transverter 144-1296 MHz](#) (10 W) and a 35 el. F9FT antenna.

Driver : FT-857D or IC-202.

## **10368 MHz (currently not active)**

I'm using a Prime Focus 48 cm dish and a [Transverter & PA DB6NT 144-10368 MHz](#) (3 W).

Driver : FT-857D or IC-202.



All the equipment described above is complemented by other devices, most of them being home made : CW key, [Interface Audio/Transceiver/Micro.](#), [Interface for Transverter](#) and a [SDR](#) system.

Amongst the non home made equipment, there are power supplies, a Hi-Fi amplifier and an equalizer.

For the moon tracking, I'm using an antenna controller [ERC-3D by Rene, DF9GR](#), together with the software [PstRotator by Codrut, Y03DMU](#). Both are excellent stuff I highly recommend.