

## Antenna exchange on the ORS transmitter station "Dobratsch" in Carinthia New KATHREIN FM antennas at the highest broadcasting location in Austria

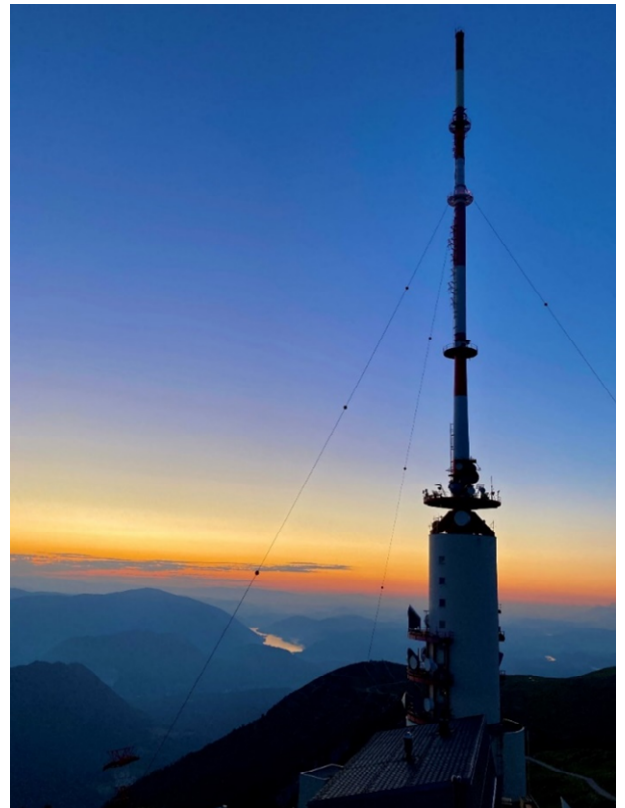
by: Anton Vogl and Wolfgang Niedhammer, KATHREIN Broadcast GmbH, Rohrdorf, 01.09.2021

Built in 1992, the KATHREIN FM transmitting antenna performed reliably at the ORS broadcasting site in Dobratsch, 2115 meters above sea level, withstanding wind, weather, snow and ice, and supplied 500,000 listeners in Carinthia with FM radio programs.

"Almost three decades of trouble-free operation of transmitting antenna systems is nothing unusual for us KATHREIN engineers, since the antenna systems are basically designed for a very long service life and hardly need any maintenance, but the weather conditions that prevail in such an exposed location make us a bigger challenge", explained KATHREIN project manager Anton Vogl.

To ensure that operation is still guaranteed for the next few years, part of the antenna has now been renewed as part of a regular revision of the ORS.

Admittedly a challenge for the riggers who had to replace the antennas on the mast at a height of 167 m. After all, it was important to maintain broadcasting operations without major restrictions despite the renovation.



picture 1, above:  
The "Dobratsch" transmission tower shines in a new light



The specially trained riggers and technicians worked 4 days and nights on converting the antennas. The new transmission system recently went back into regular operation and is now intended to provide listeners in the greater Villach area with high-quality radio signals for another three decades.

picture 2, left:  
Rigger at a lofty height when replacing the antennas

**Additional information can also be found on the ORS website under the following link:**

<https://www.ors.at/de/tech-blog/blogartikel/radio-versorgung-fuer-kaernten-spektakulaerer-antennentausch-an-sendeanlage-dobratsch-534/>

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