

HG1BTW on 50.480MHz

Admin,

One year ago we announced HG5BTW beacon from a TV broadcast station that was in operation for half year only because its antenna was removed in March 2014. HA1YA could find a new location inside another TV broadcast station and [installed with a new call sign HG1BTW on October 30](#). The exceptional antenna together with a QRP transmit power generate over 500W ERP in every direction with very flat radiation pattern. We expect the new Hungarian beacon will help to discover intercontinental openings. We optimized its identification CW message to be easily and quickly recognized by CW Skimmers. Because of its vertically polarized antenna system we do not expect long distance tropo observations. We do not expect meteor scatter reflection indication either because of its extremely narrow radiation pattern. Our Budapest [WebSDR](#) provides still [solid observation](#) from almost 200km distance. **Submitted by Tamas, HA5PT**