

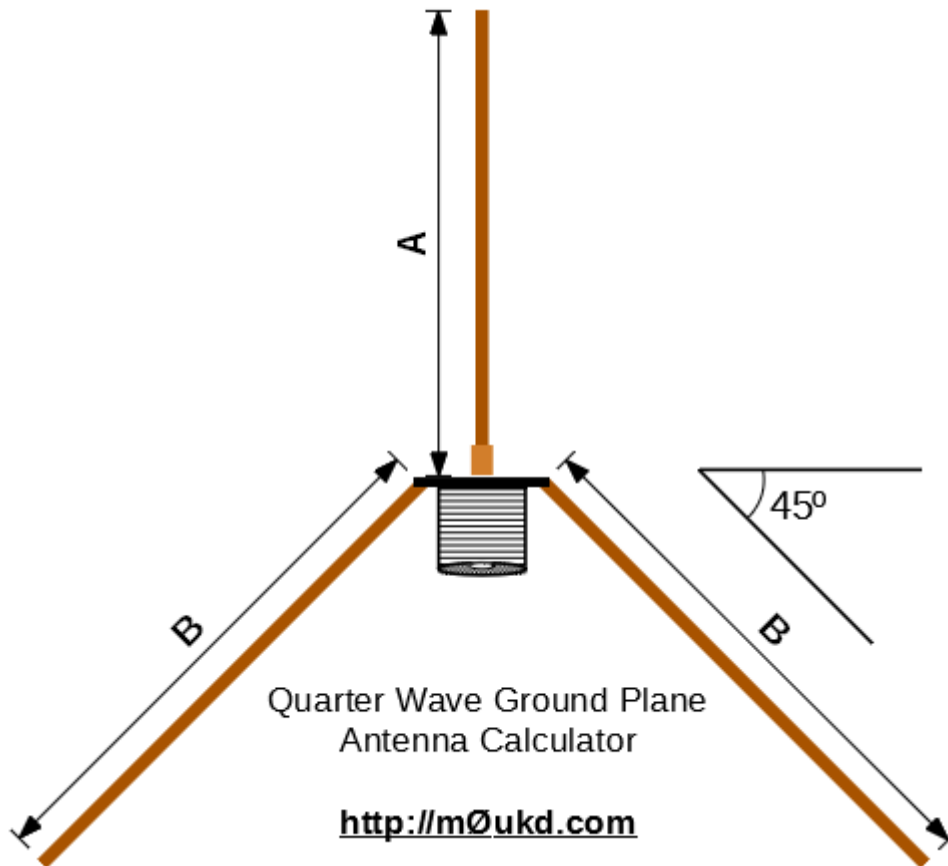
ANTENE IN RAZŠIRJANJE VALOV:

POROČILO IZDELAVE GROUND PLANE ANTENE

Tjaša Jereb

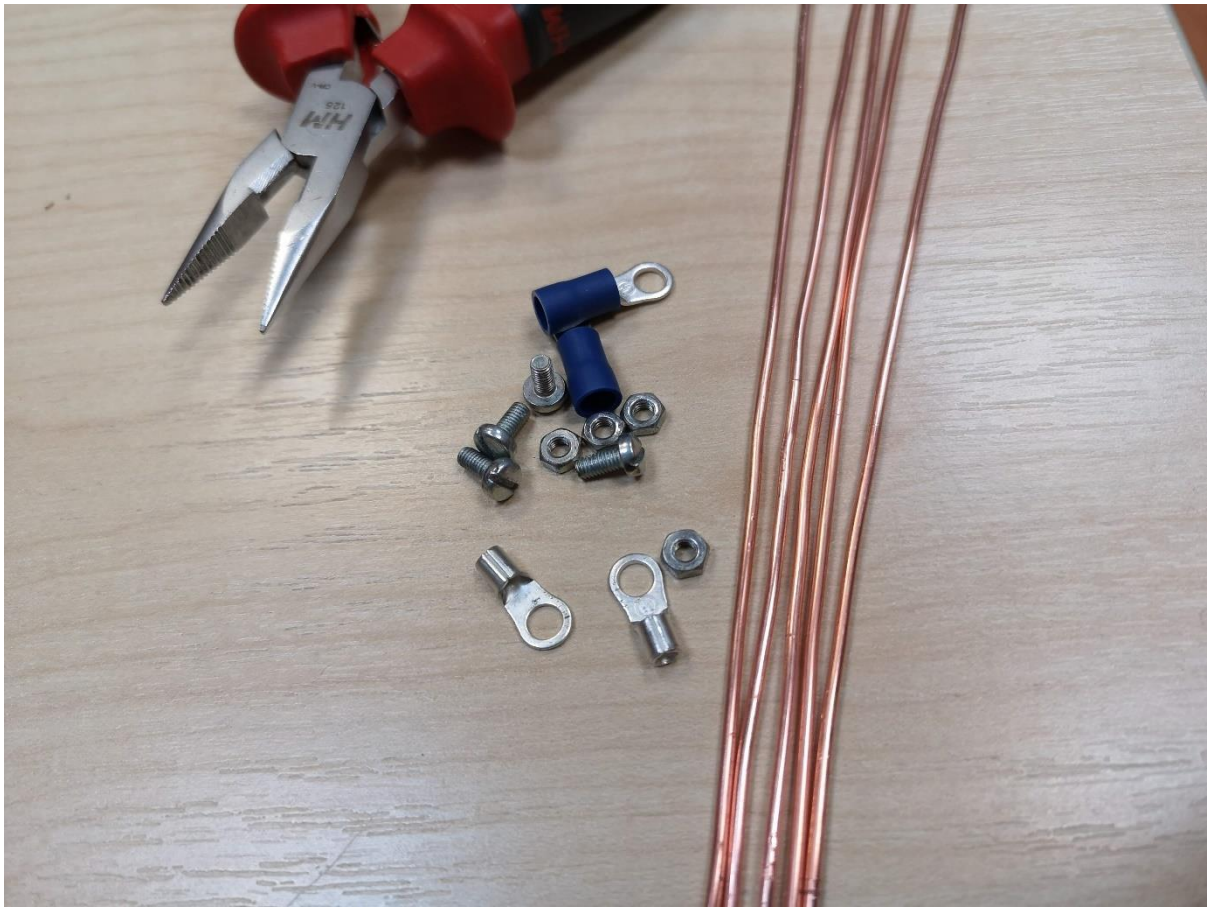
Ljubljana, 20.1.2019

PLAN IZDELAVE:

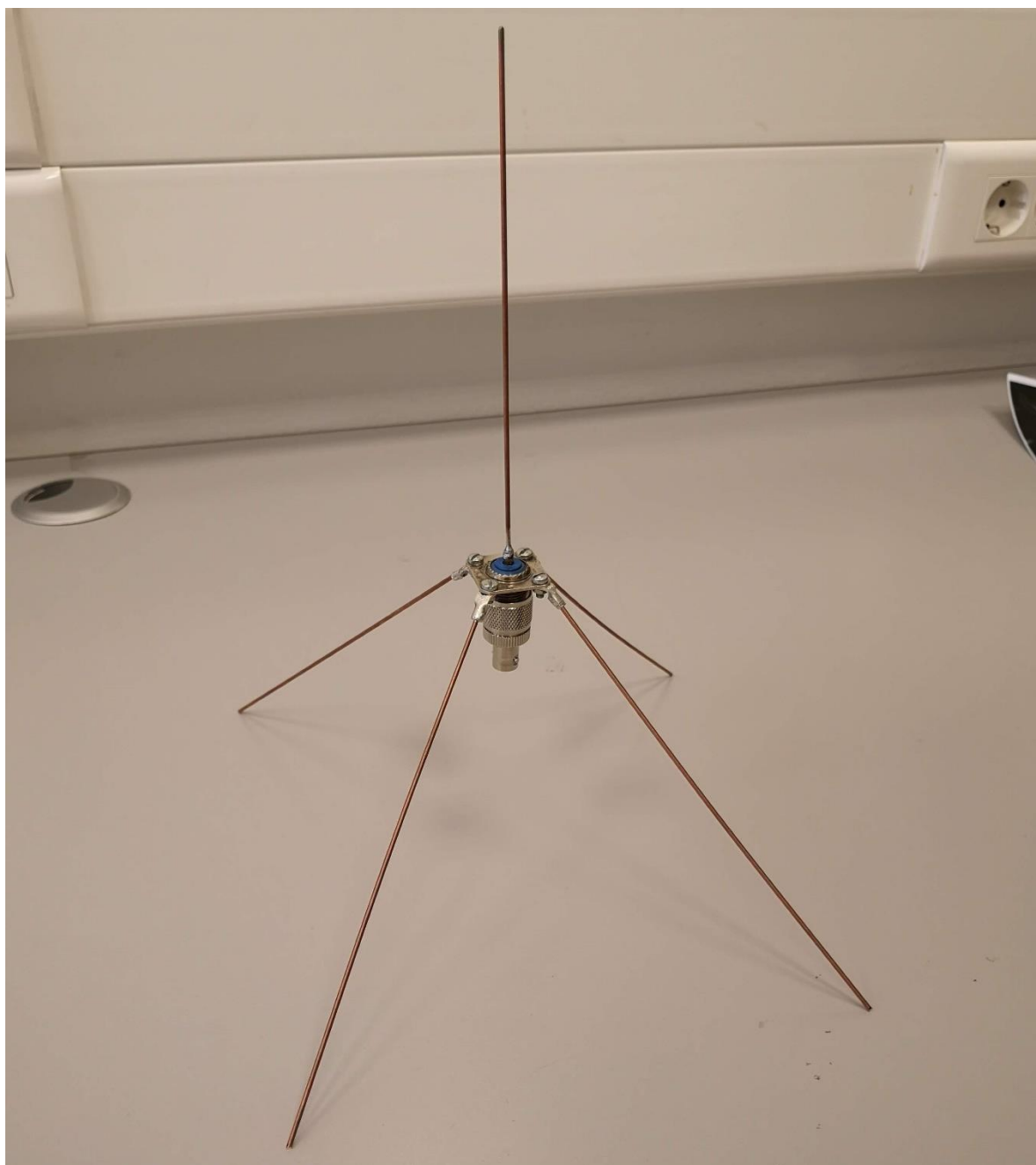


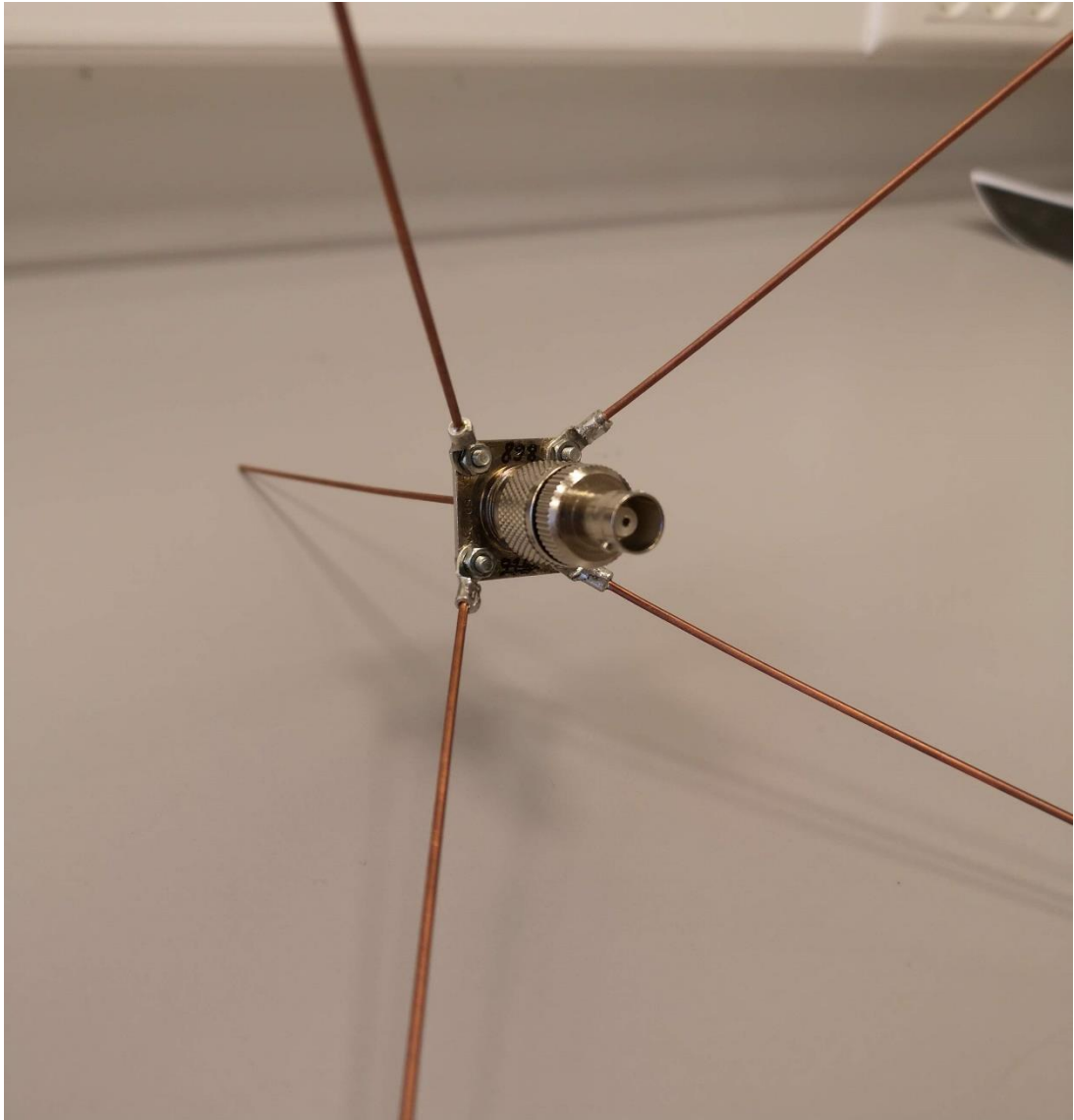
Quarter Wave Ground Plane Antenna Calculator	
Frequency	433.0 MHz
Velocity Factor (see text*)	0.95 vf
Give me the results in...	<input type="radio"/> mm (MilliMetres) <input checked="" type="radio"/> cm (Centimetres) <input type="radio"/> m (Metres) <input type="radio"/> in (Inches) <input type="radio"/> ft (Feet)
<input type="button" value="Calculate My Quarter Wave!"/>	
A. Vertical Monopole Radiating Element ($\lambda * 0.25$)*vf	16.5 cm
B. Radials ($\lambda * 0.28$)*vf	18.4 cm
Actual wavelength	69.3 cm
<input type="button" value="Clear Form"/>	

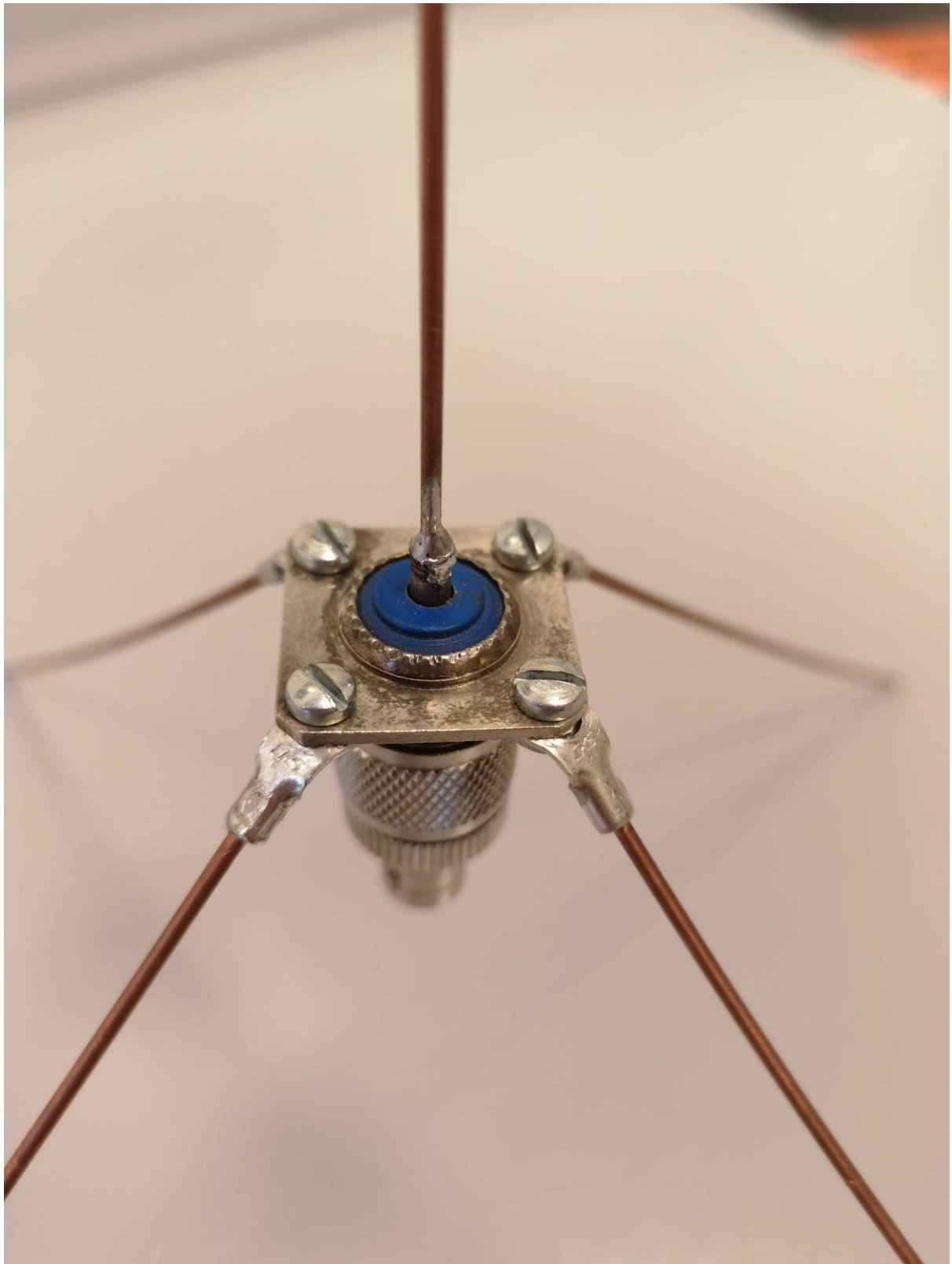
POTEK IZDELAVE:

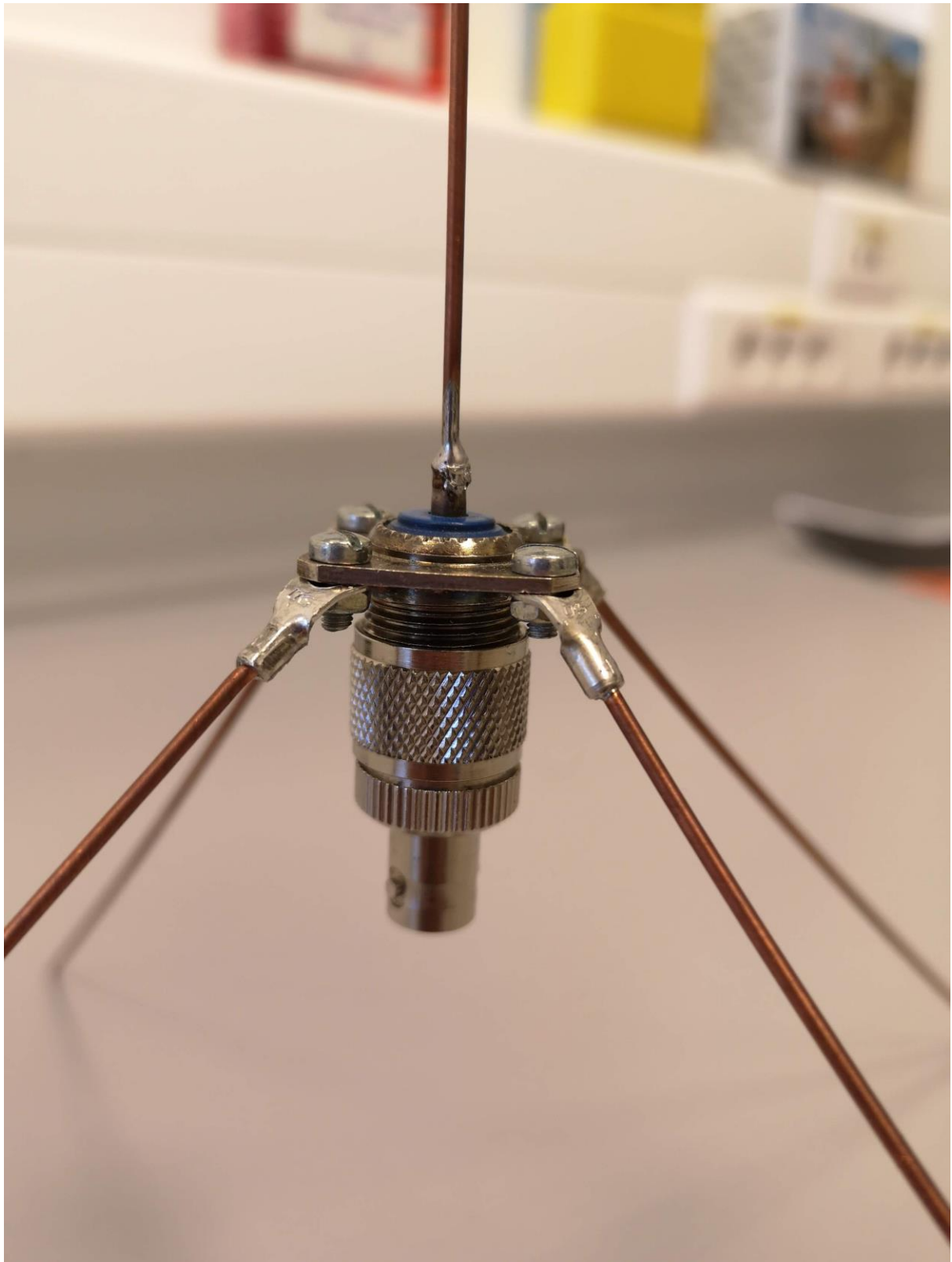


KONČNI IZDELEK:

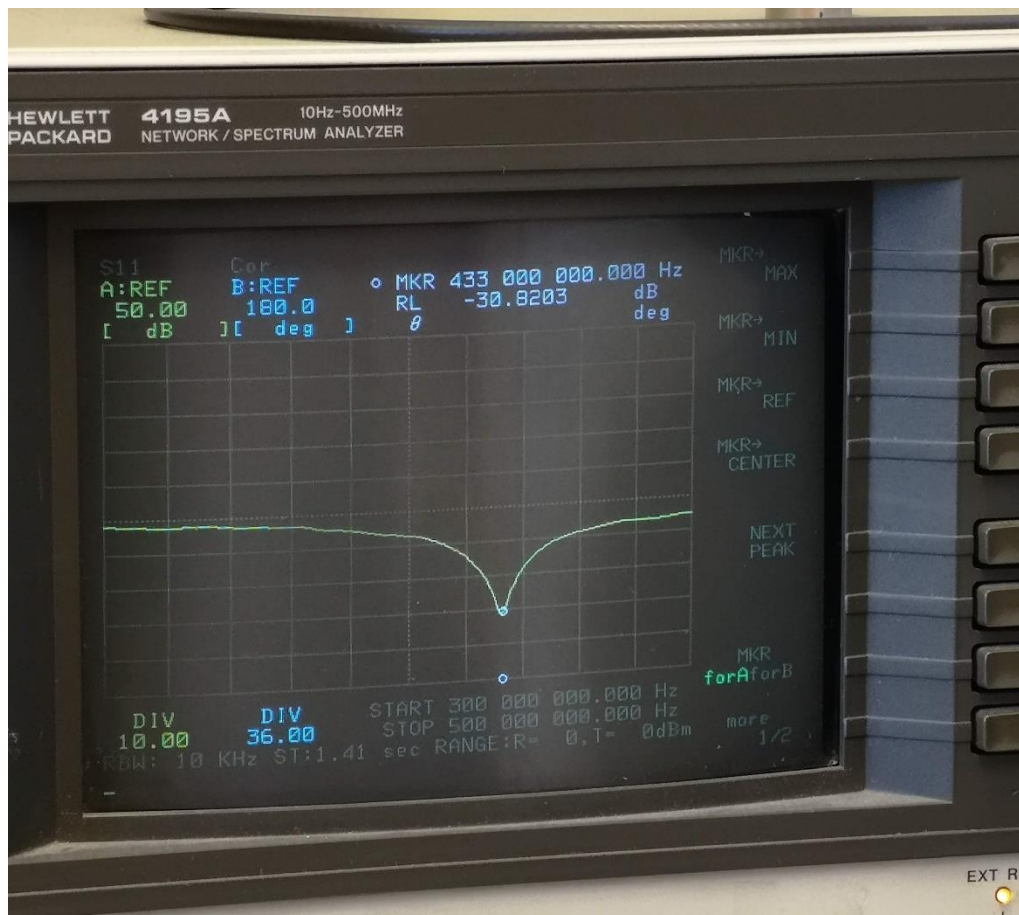






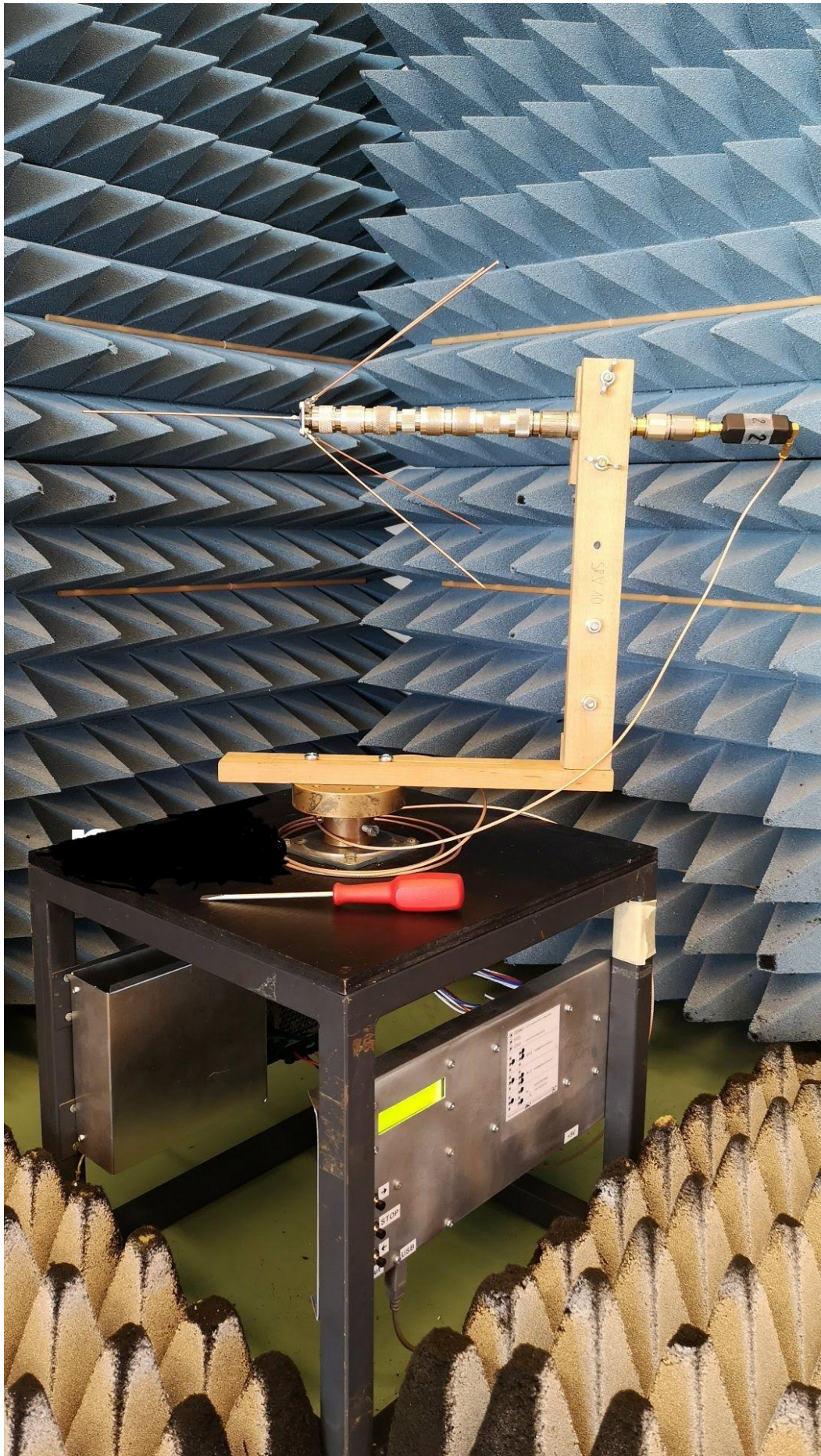


MERITVE: PRILAGODITVENI DIAGRAM



MERITVE: SMERNI DIAGRAM

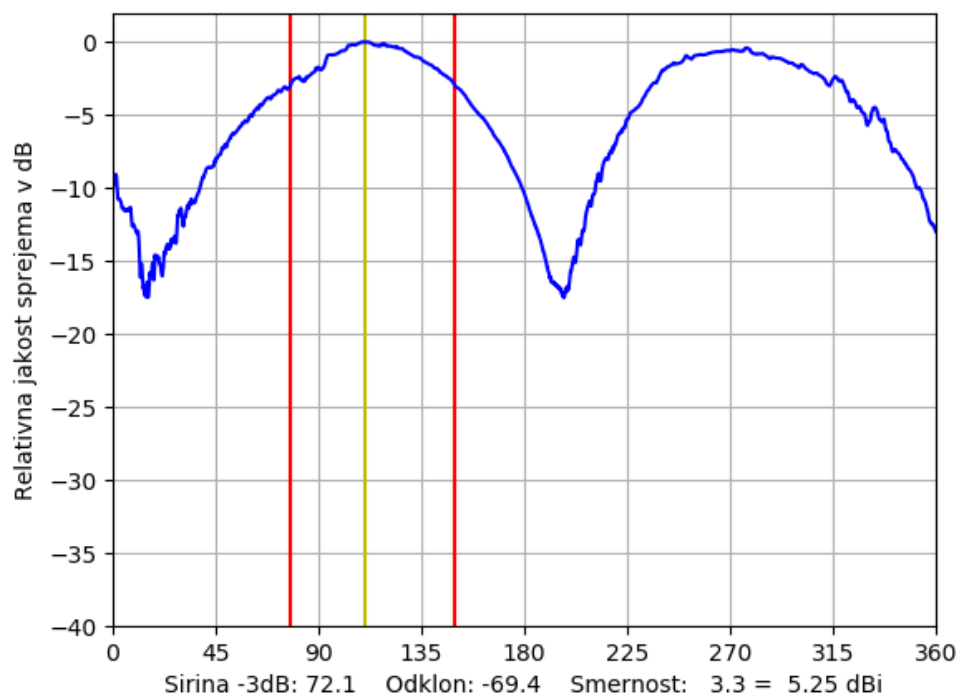






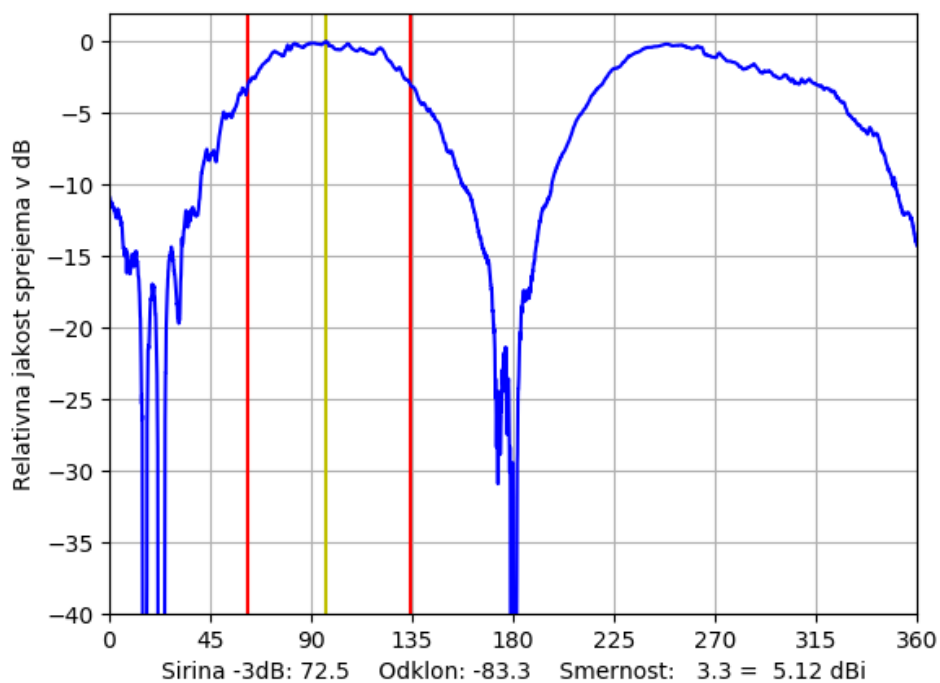


Thu Dec 27 12:19:42 2018



Smerni diagram za 433MHz

Thu Dec 27 12:46:32 2018



Smerni diagram za 440MHz