

<https://www.youtube.com/watch?v=WHERwU--DQ>

Gradient coil test for current wave processes.

0:00 here 100ohm and scope probe in parallel

0:07 here one and a half turns as inductor (*)

0:09 connected to signal generator's output

0:15 here first maximum at high frequency 9.3MHz

0:19 here what is interesting – if I touch with hand

0:24 amplitude decrease, not interesting

0:30 next, going down with frequency, second maximum

0:42 at 6.2 – 6.3 MHz

0:49 again touching with hand

0:53 amplitude again decrease, going further

1:00 down

1:19 here we are, nice jump

1:45 1.72 - 1.73 MHz frequency

1:54 and what is interesting

2:01 at this frequency if touching with hand

2:03 amplitude grows a little

2:08 not decreasing

2:12 quite stable

2:14 now let's see what is "inside it"

2:30 there is something

2:37 beatings

2:43 adjusting a little more

2:52 here it is

* primary coil usually called inductor on FE slang