Q: How to check the bandwidth?

We use a spectrum analyzer (HM5014-2, made by Hameg) with a tracking generator to test the bandwidth of the probes. The test procedure is as following;

1. Connect the output (should be terminated by a 50ohm resistor) of the tracking generator to the inputs of the probe under test.
2. Connect the output of the probe under test to the input of the spectrum analyzer.
3. Power on
4. Inspect the frequency response curve on the screen of the spectrum analyzer.