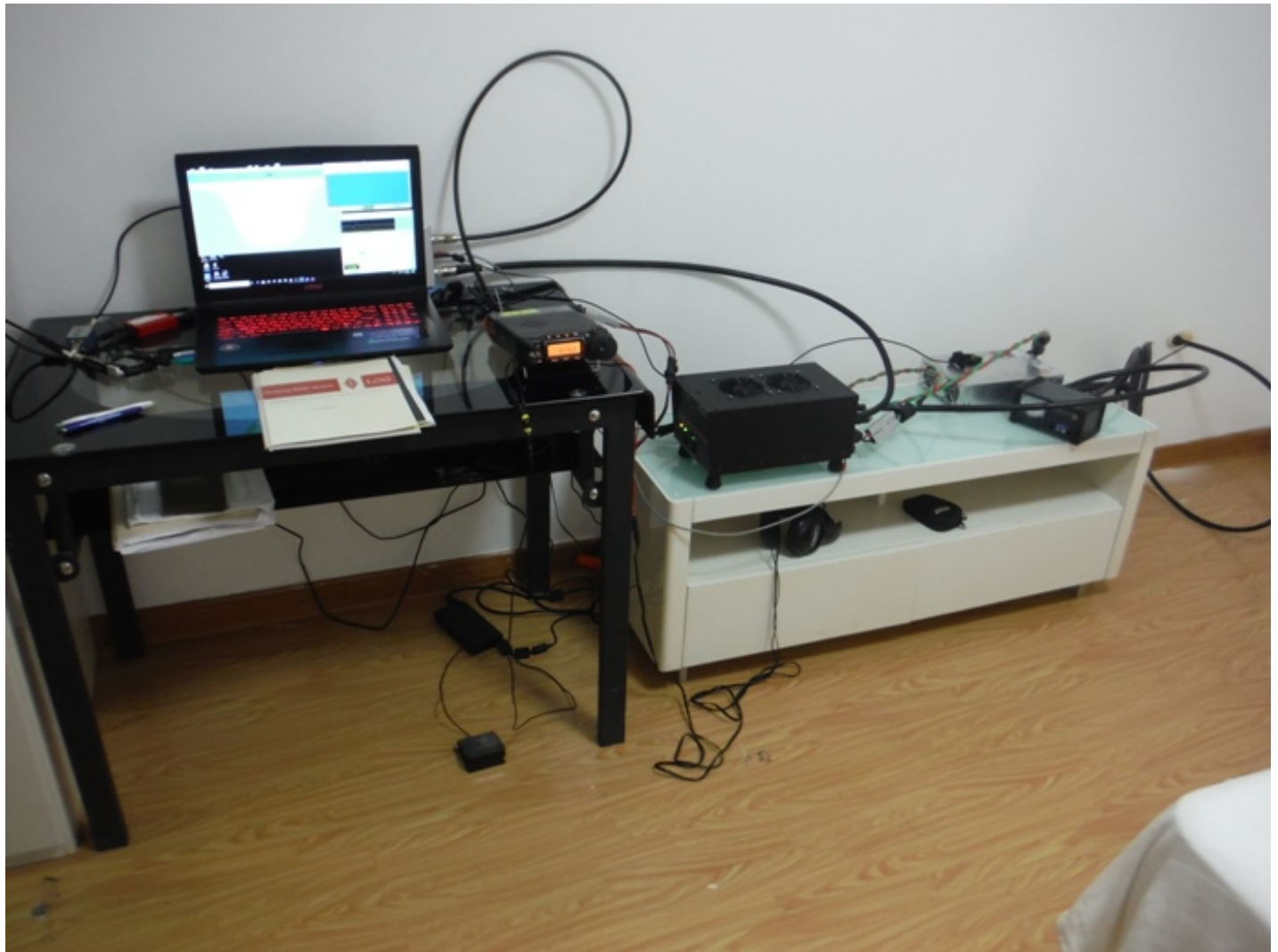
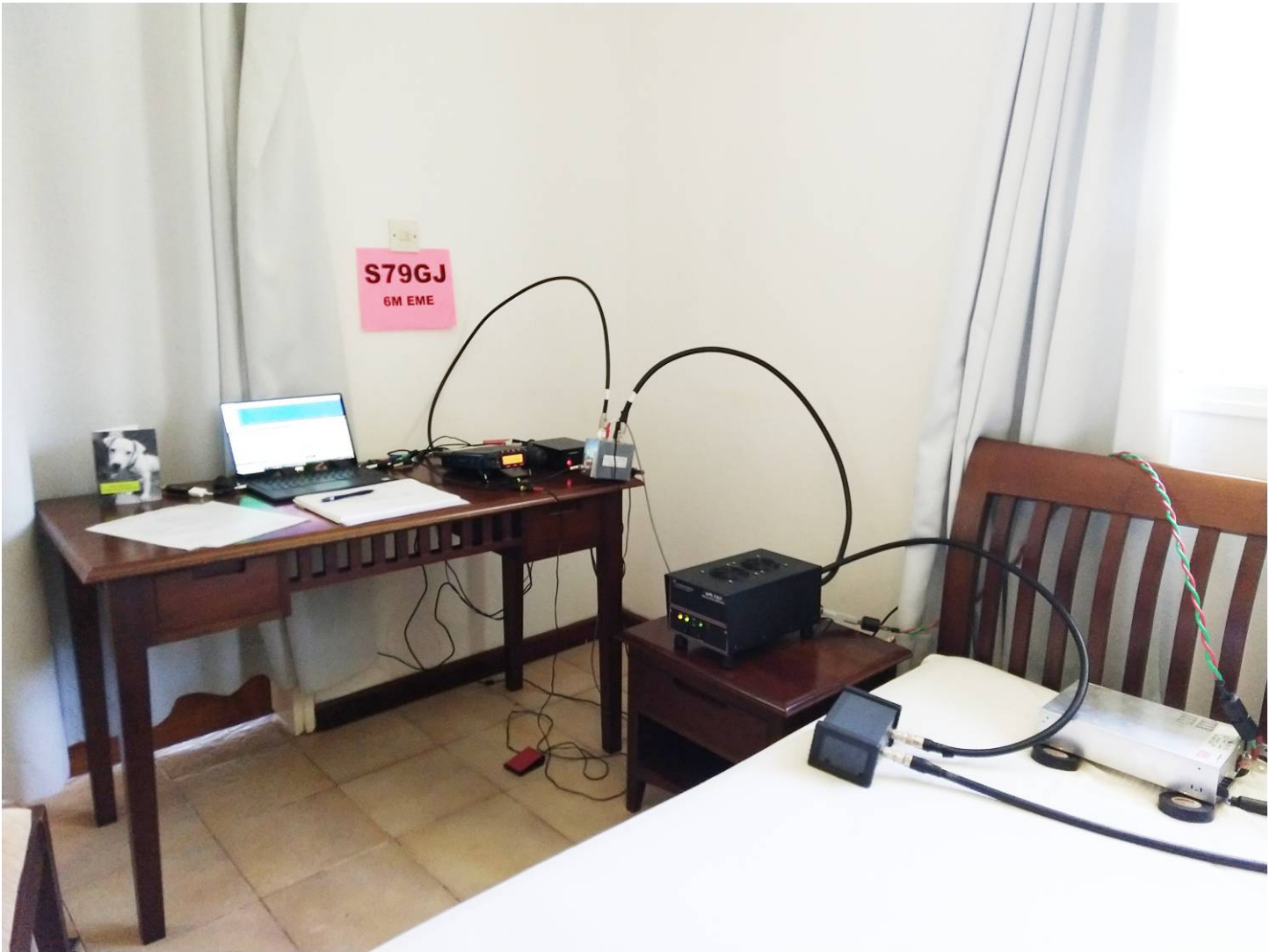


TYPICAL 6M EME DXPEDITION EQUIPMENT SETUP

C21GJ



S79GJ





Note the clamp on ferrite filters on all the USB, power and audio leads connected to the computer. Ferrite filters are also used on all leads to and from power supplies, and the radio.



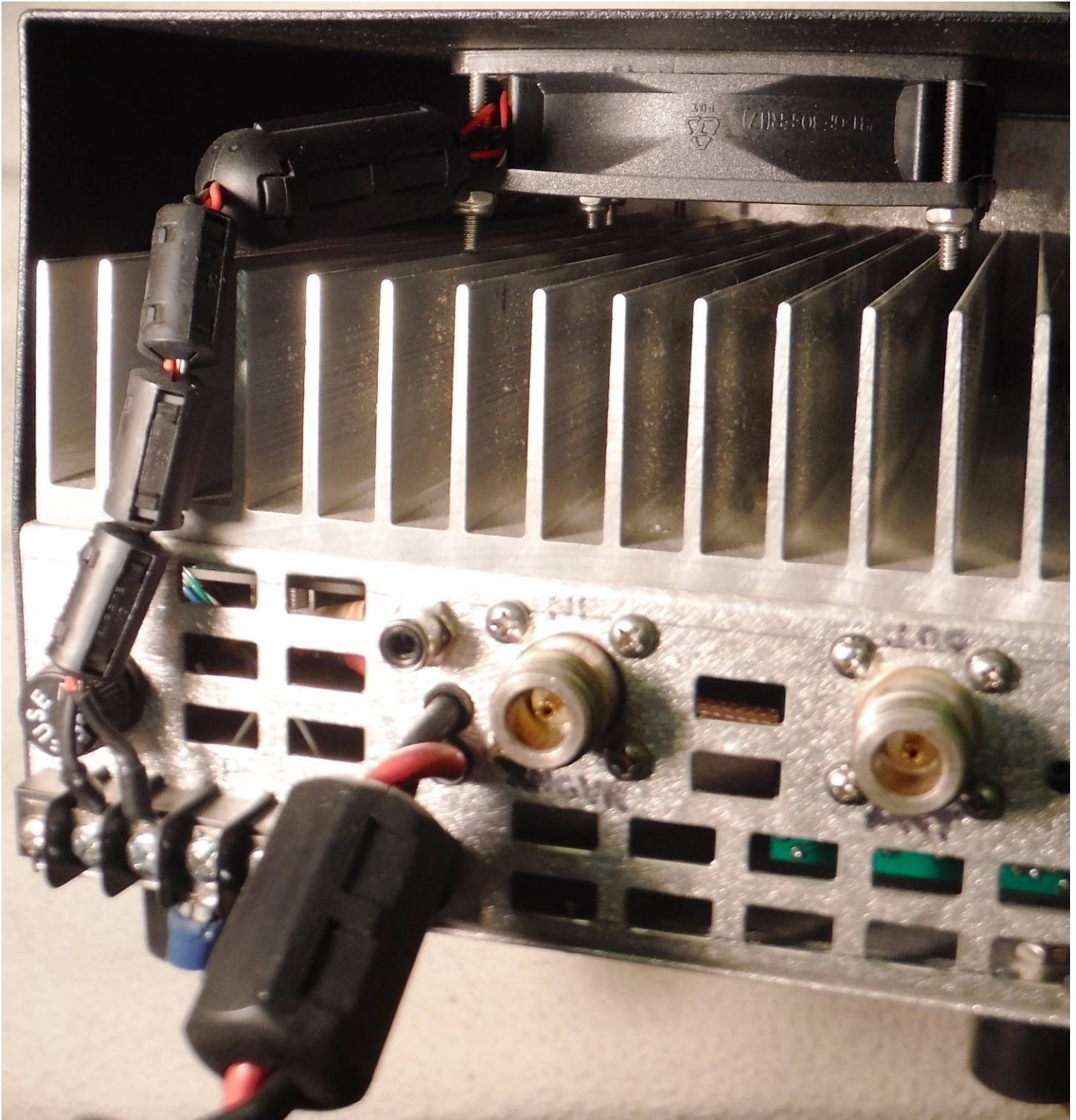
LMR600 low loss coaxial cables are used to connect components from the antenna to wattmeter, amplifier and preamp input. LMR400 cable is used to connect the preamp to the transceiver, since loss is not critical there.



The rolls of plastic electrical tape under the Meanwell 50 VDC power supply were just to provide ventilation under the power supply, rather than having it site directly on the bedspread.



Note the multiple ferrite cores (covered with heat shrink tubing) and snap on ferrite filter on the AC input to the Meanwell RSP-3000-48, and the snap on ferrite filters on the DC output and again at the DC connection to the amplifier.



While monitoring the noise level at E6M, I noticed a couple dB noise increase whenever the amplifier cooling fans were still running. Adding ferrites on the fan leads eliminated the noise.

Note the clamp-on ferrite on the 50 VDC power cables between the amp and the high current DC automotive cable connector. There are also clamp-on ferrites on both ends of the 50 VDC power cord.