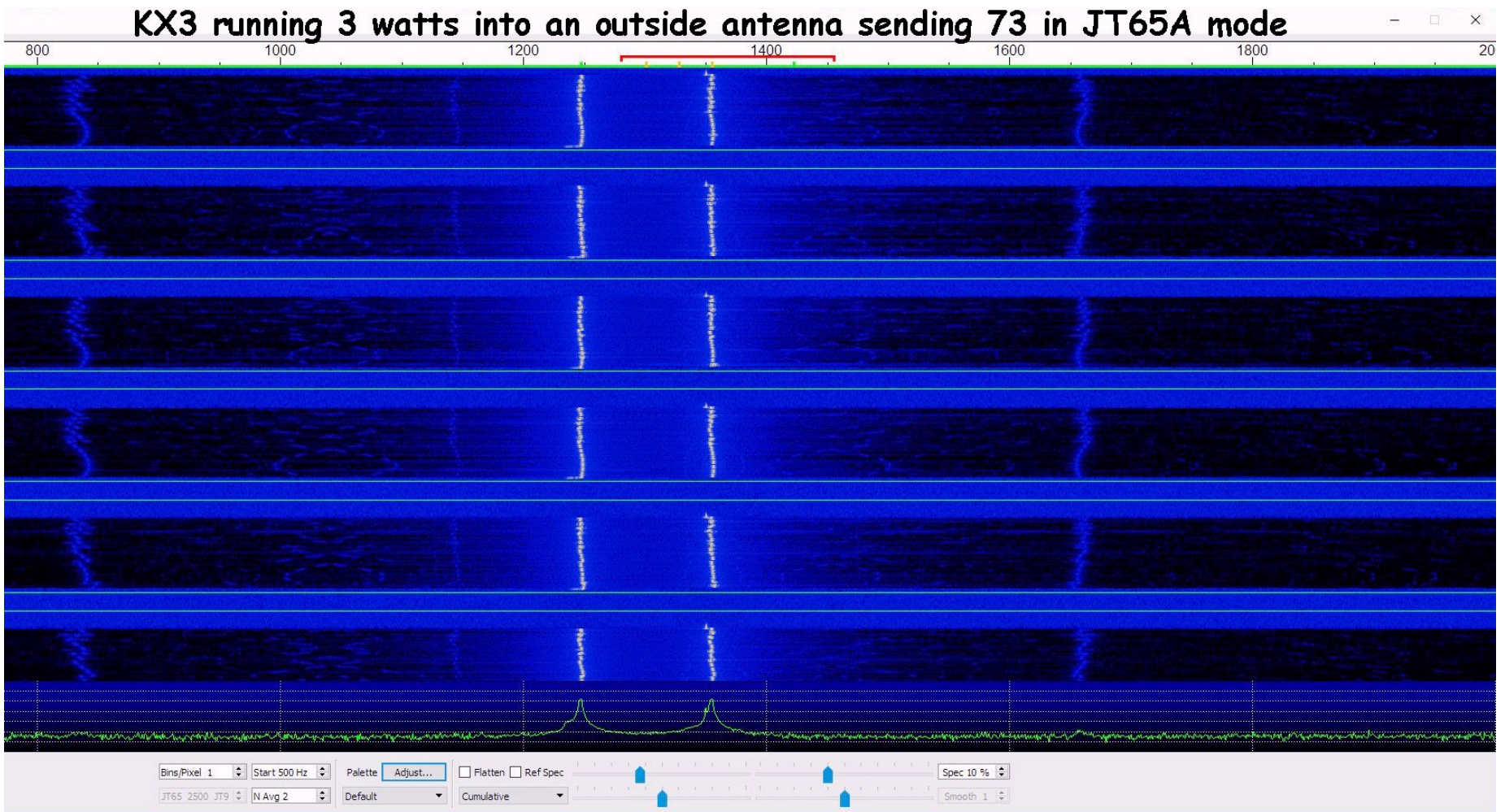


6M RIG STABILITY COMPARISONS

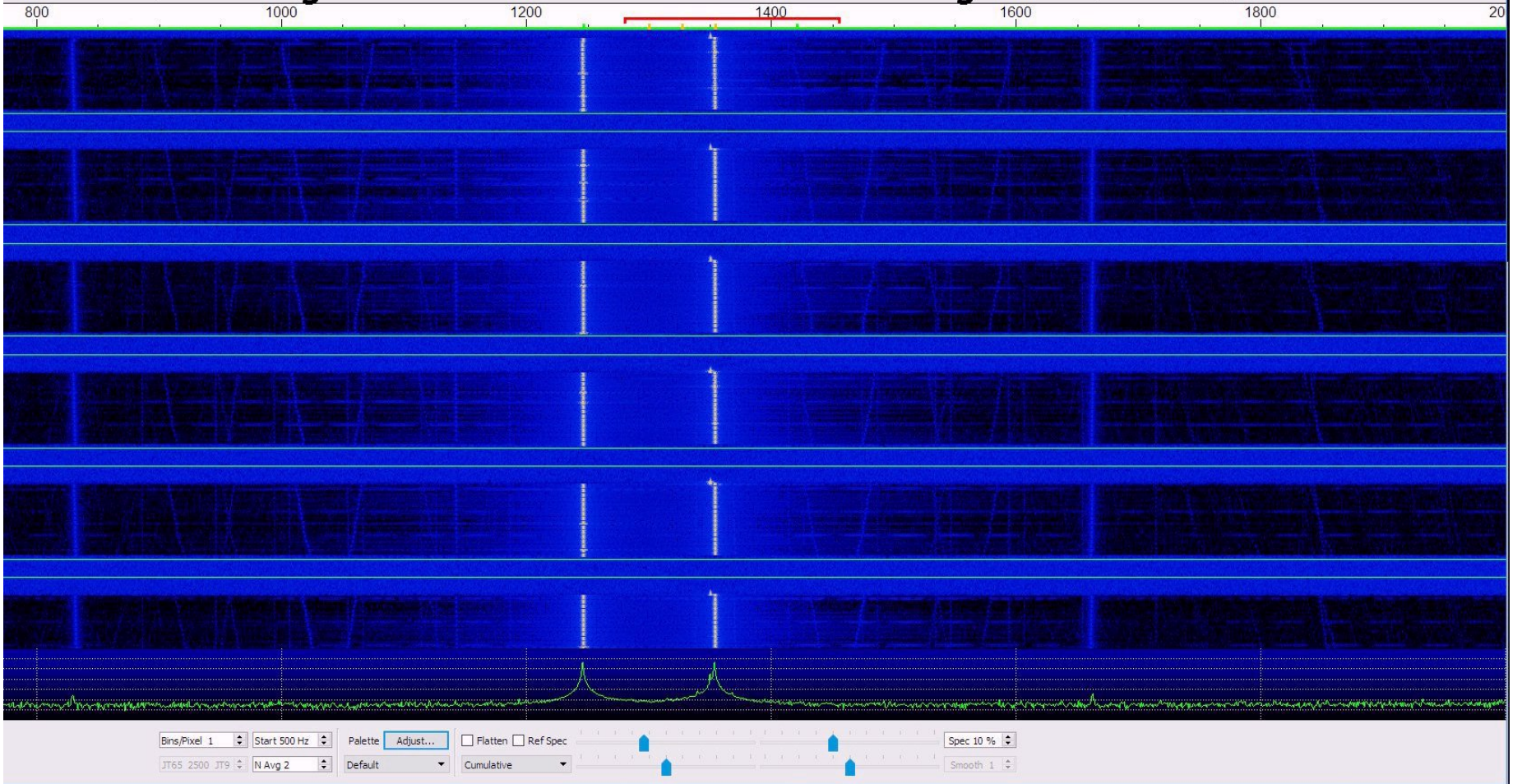
On June 13 and 14, I set up my separate computer to receive 50.190 JT65A mode signals with WSJT-X through the RTL Dongle and SDR-Console Version 3 using an indoor dipole antenna here in the ham shack. I monitored transmissions with on that computer while “73” was sent using JT65A mode from three different transceivers. The results are shown in the following photos.

Although on the air JT65A contact was made on 6m using the KX3 with a local station who successfully decoded callsign signals at -23 dB, further testing is required to assure that the KX3 has adequate stability for reliable weak signal JT65A EME operation.

As can be seen, although the FT857 drifts slightly over the course of a transmit sequence, it provides the same stable signals as the K3 throughout each transmit sequence. The FT857 has proven to be a very effective JT65A transmitter during 6m EME DXpeditions to T8GJ, V6M, VK9CGJ and VK9XGJ. The K3 is used regularly here at the home station for 6m EME.



K3 running 9 watts into an outside antenna sending 73 in JT65A mode



FT857 running full power into a dummy load sending 73 in JT65A mode

