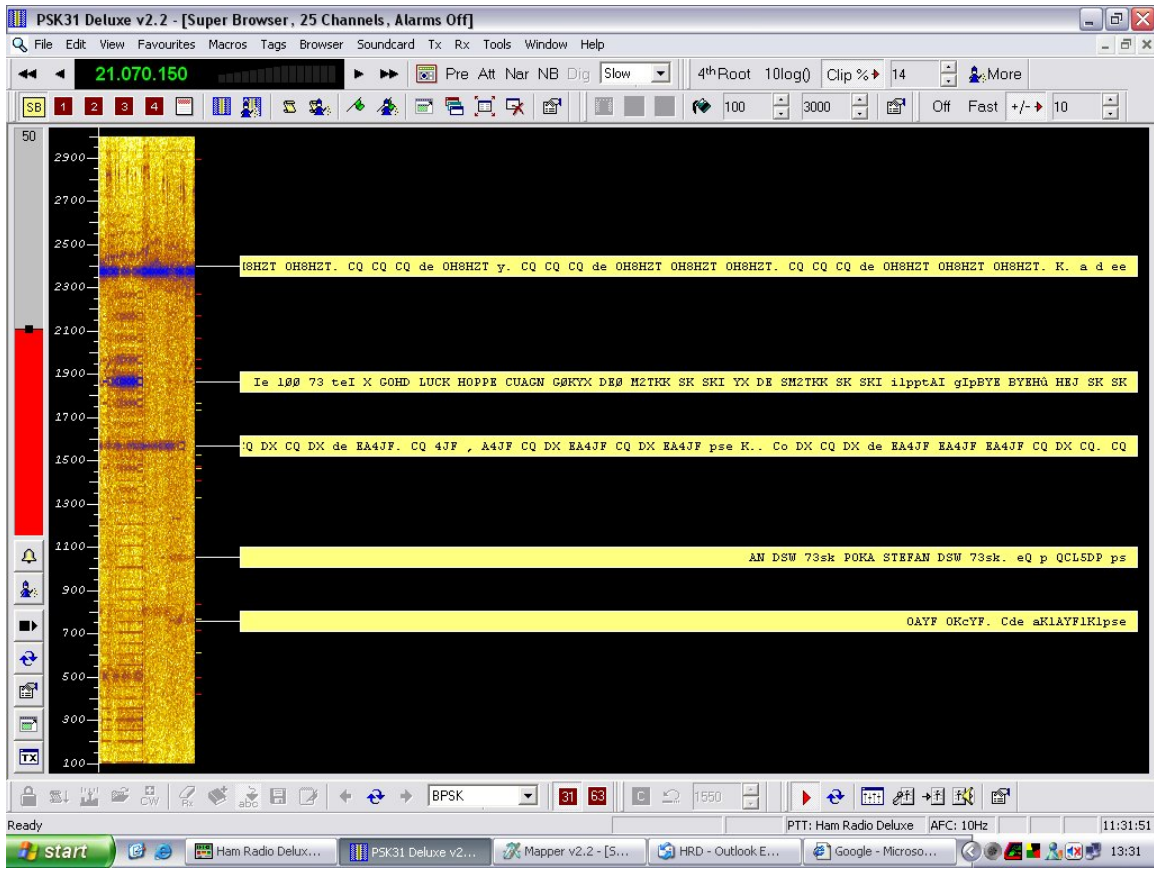
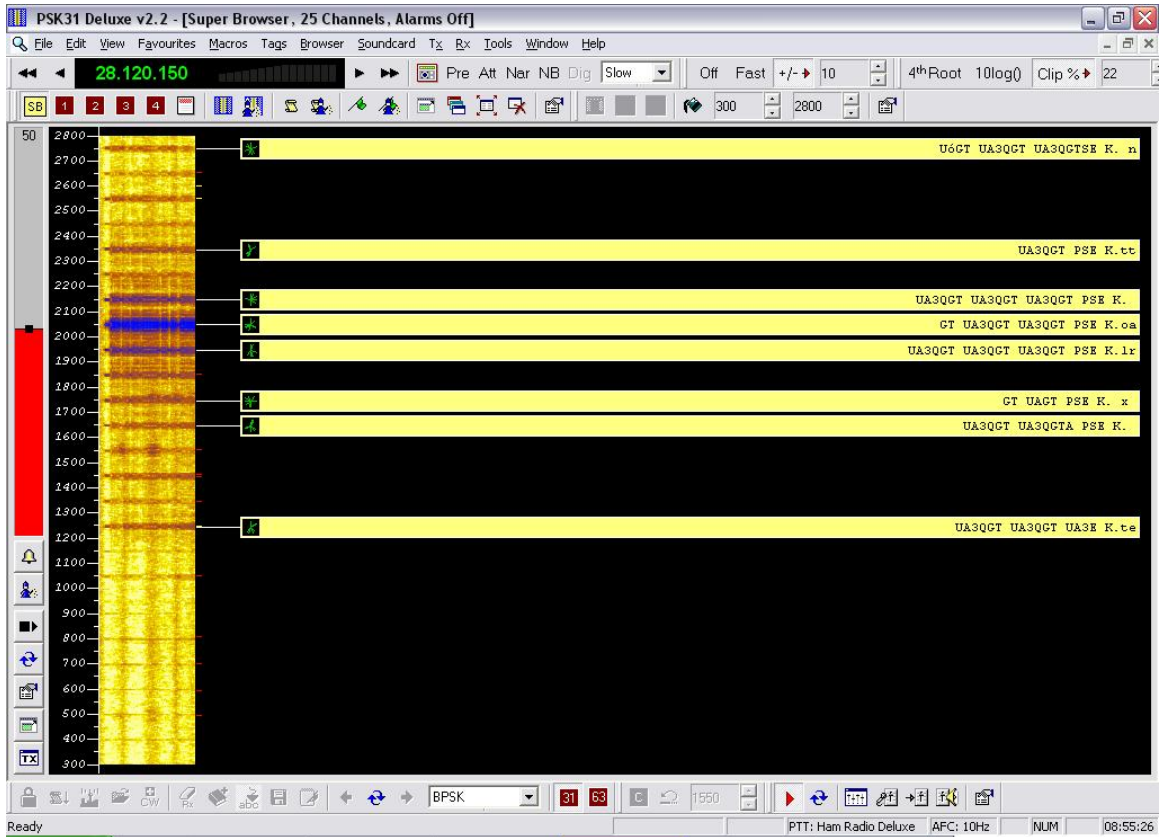


Spectrum display signal received from a PSK31 station with over-driven transmitter. Note that the bandwidth has gone up from 31 Hz to at least 2000 Hz!



Spectrum display signal received from a PSK31 station that has picked up strong 50 Hz hum from AC-power (possibly on the audio lines between PC and transmitter). The hum is repeated every 50 Hz.



Spectrum display signal received from a PSK31 station that has  $2 \times 50 = 100$  Hz artifacts from AC-power (possibly on the audio lines between PC and transmitter). The signal is repeated every 100 Hz over at least 3000 Hz, and the artifacts are strong enough to be detected and decoded in addition to the main signal!