

Fig.1 OK1KIR – OZ1LPR _ 26.01.2018 _ 24G QRA64D QSO after post-processing of recorded wav files (WSJT-X_1.8.0 rc3, r8193)

Full spreading ≈ 110 Hz 嬗 actual spread $\approx 110 * 0.4 = 44$ Hz; ele $32^\circ / 33^\circ$; PW ≈ 14 mm / ≈ 10 mm ?

OK1KIR ≈ 20 W / prime focus 4.5m dish ; OZ1LPR ≈ 20 W at digi / 2.4m offset dish

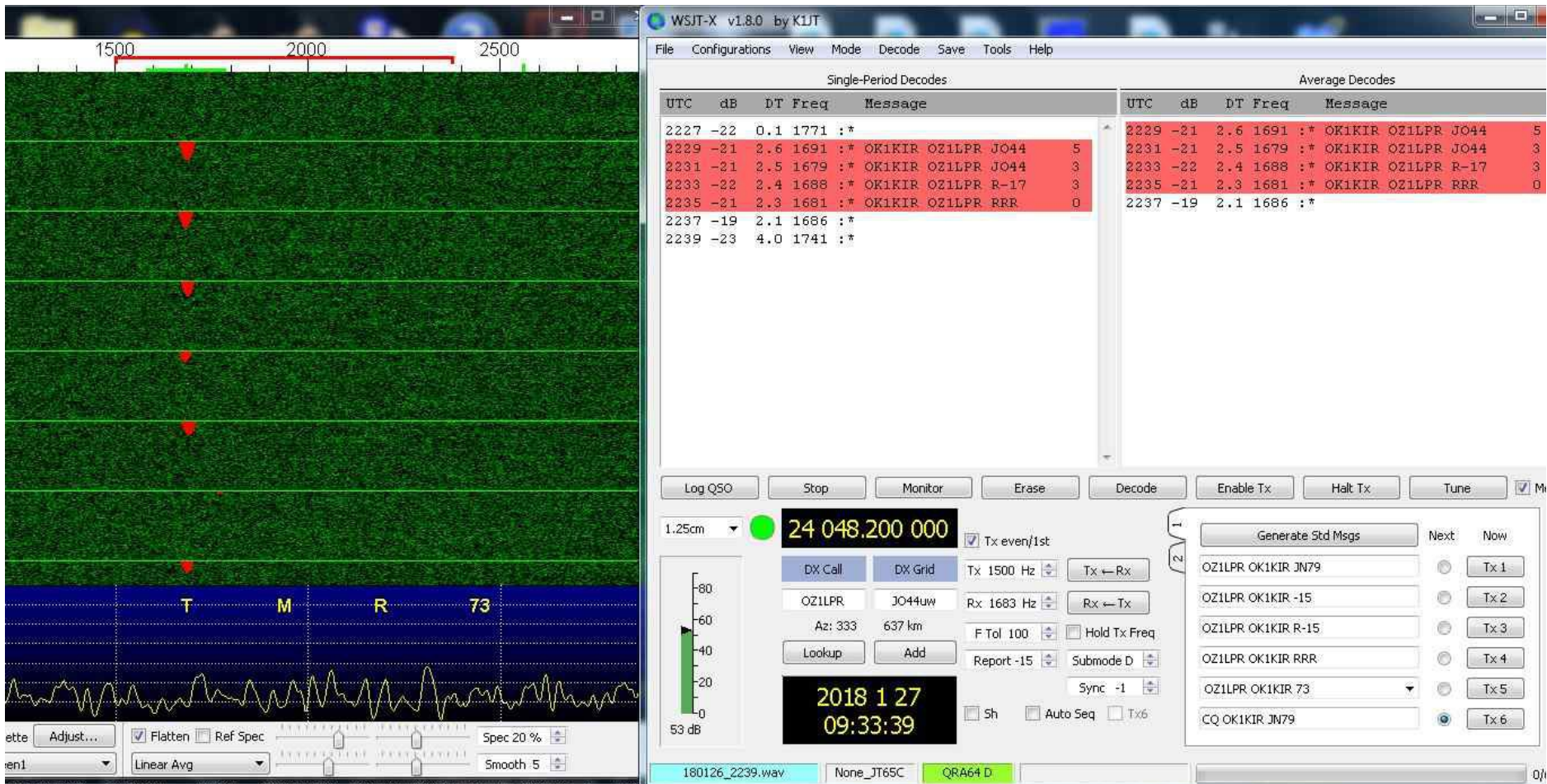


Fig.2 OK1KIR – OZ1LPR _ 26.01.2018 _ 24G QRA64D QSO development under 11.0dB degradation of s/n of all recorded wav files (WSJT_X_1.8.0 rc3, r8193)

Note: AP for DXcall enabled; the file 2237 contains no DXcall and therefore needs AP to be disabled to accept up to 10.6dB for proper decoding.

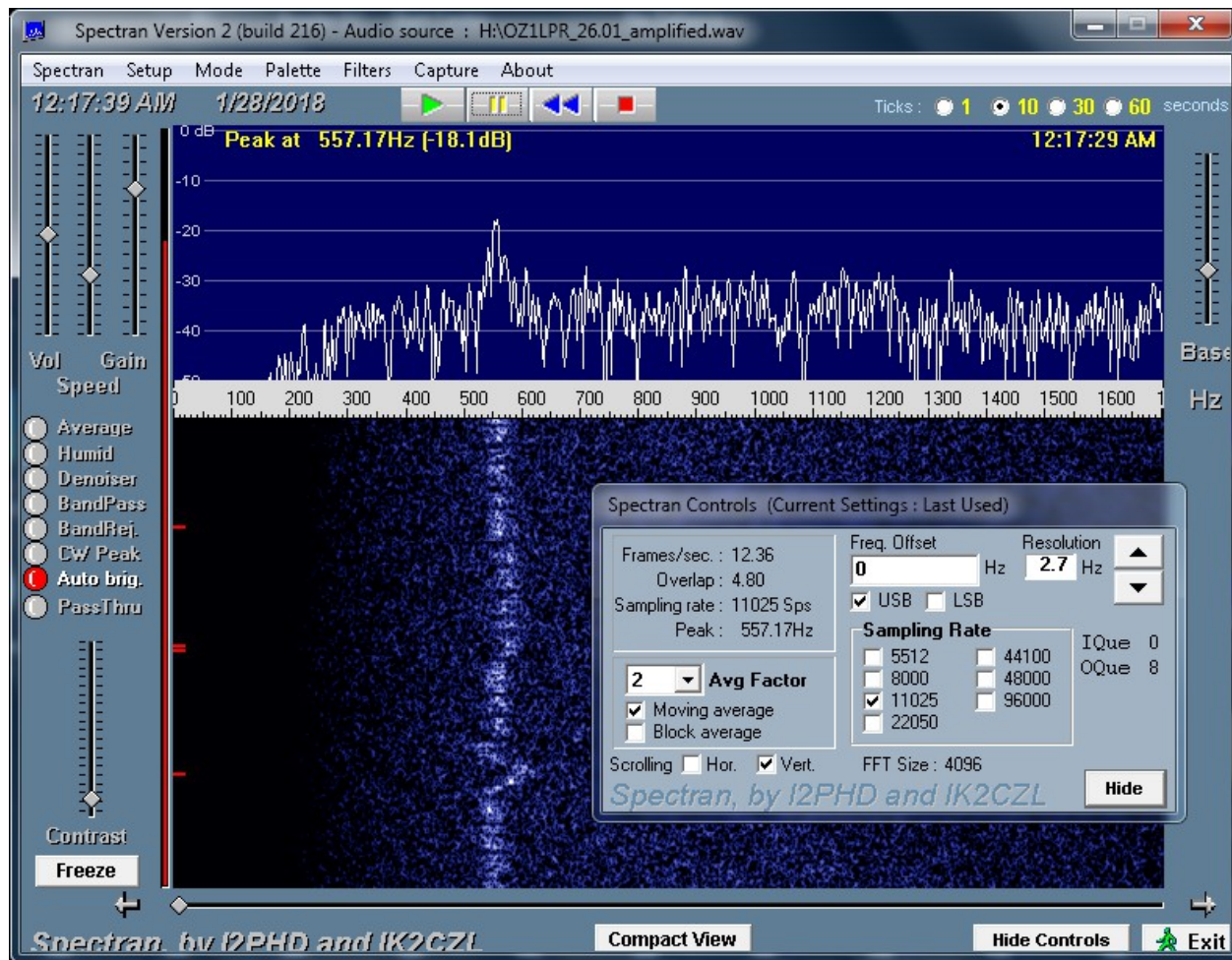


Fig.3 OK1KIR – OZ1LPR_26.01.2018_24GHz_CW QSO Spreading ≈ 80 Hz during CW QSO 婁 actual spread $\approx 80 * 0.4 = 32$ Hz
 OK1KIR ≈ 20 W / prime focus 4.5m dish ; OZ1LPR ≈ 45 W at CW / 2.4m offset dish