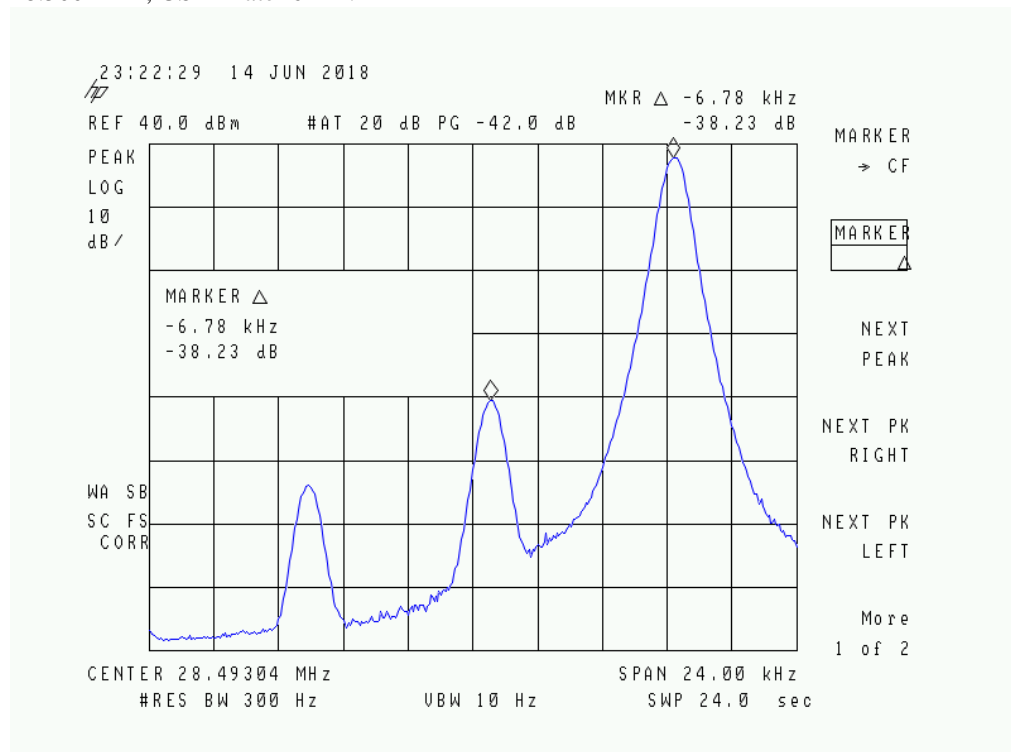


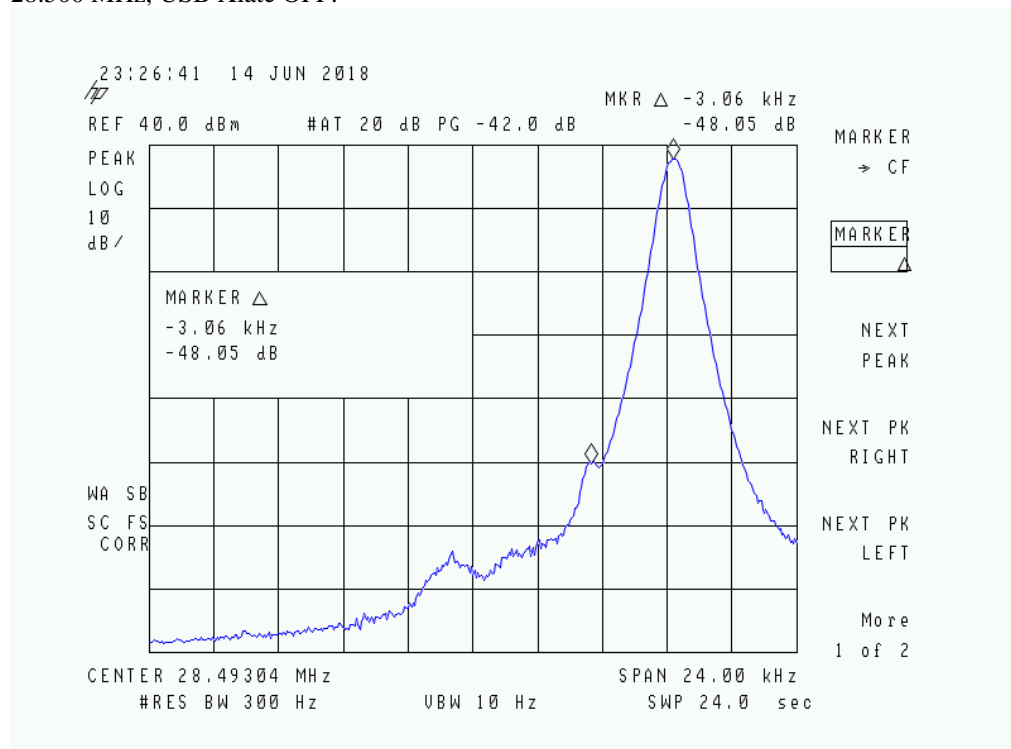
All measurements done by directly connected RF0.4 board using 42dB power attenuator.
Output power 5W. All mods by IZ6MAF installed except bias voltage for TLV2464 at 2.5V. Output mixer not balanced by potentiometers.
SP9BSL 15.06.2018

28.500 MHz, USB Xlate -6kHz.



Right peak: main side band, center peak: poorly suppressed carrier, left peak opposite side band.

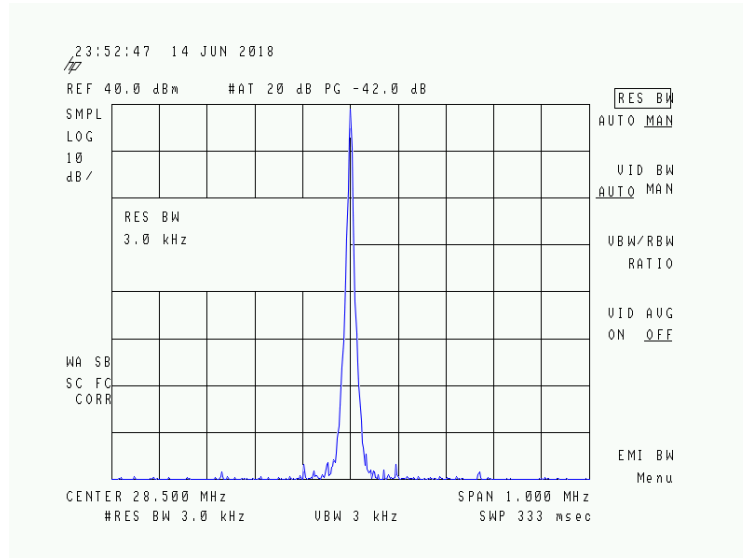
28.500 MHz, USB Xlate OFF:



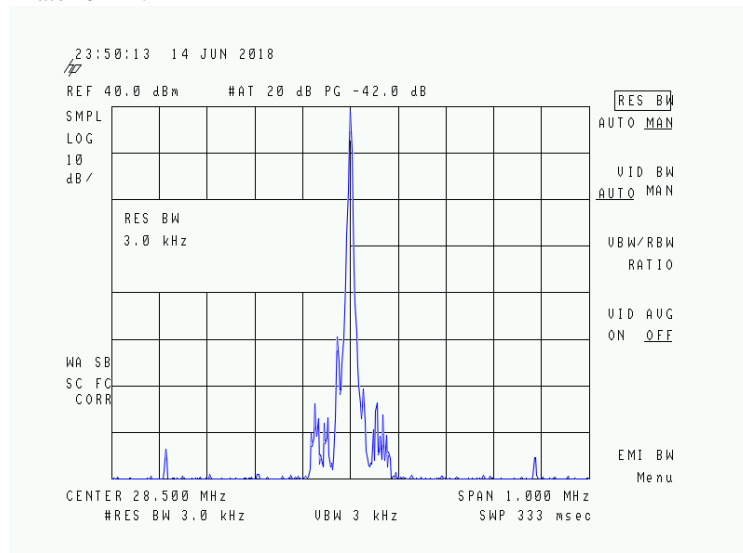
Unfortunately there is only last spur visible: 3kHz below the main side band (4×750). It can be seen that 300Hz RBW of spectrum analyzer is not sufficient to see spurs. FFT of ordinary sound card with simple SDR receiver would have better frequency resolution.

Some other wideband observations:

Xlate off:



Xlate -6kHz:



Xlate -12kHz

