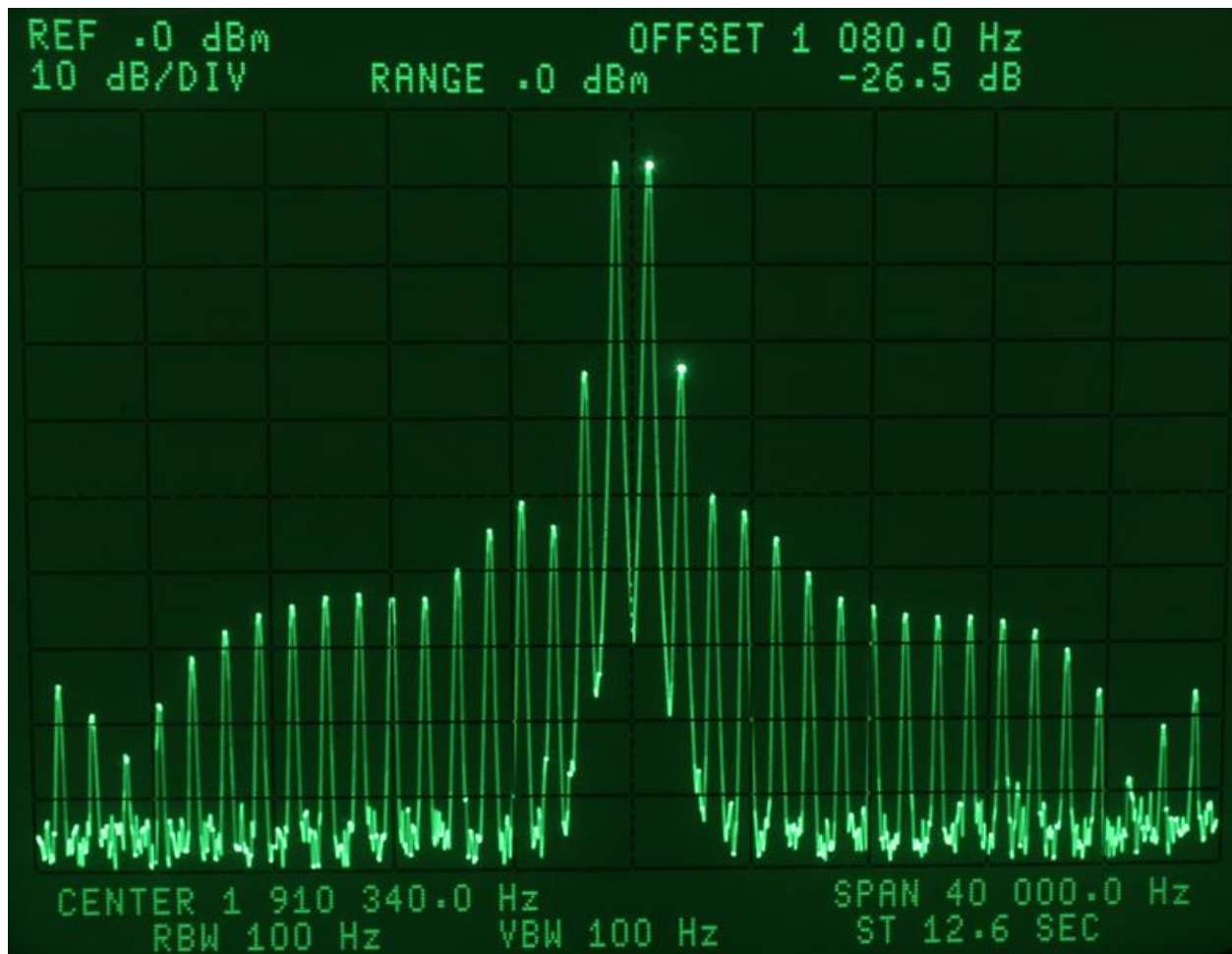


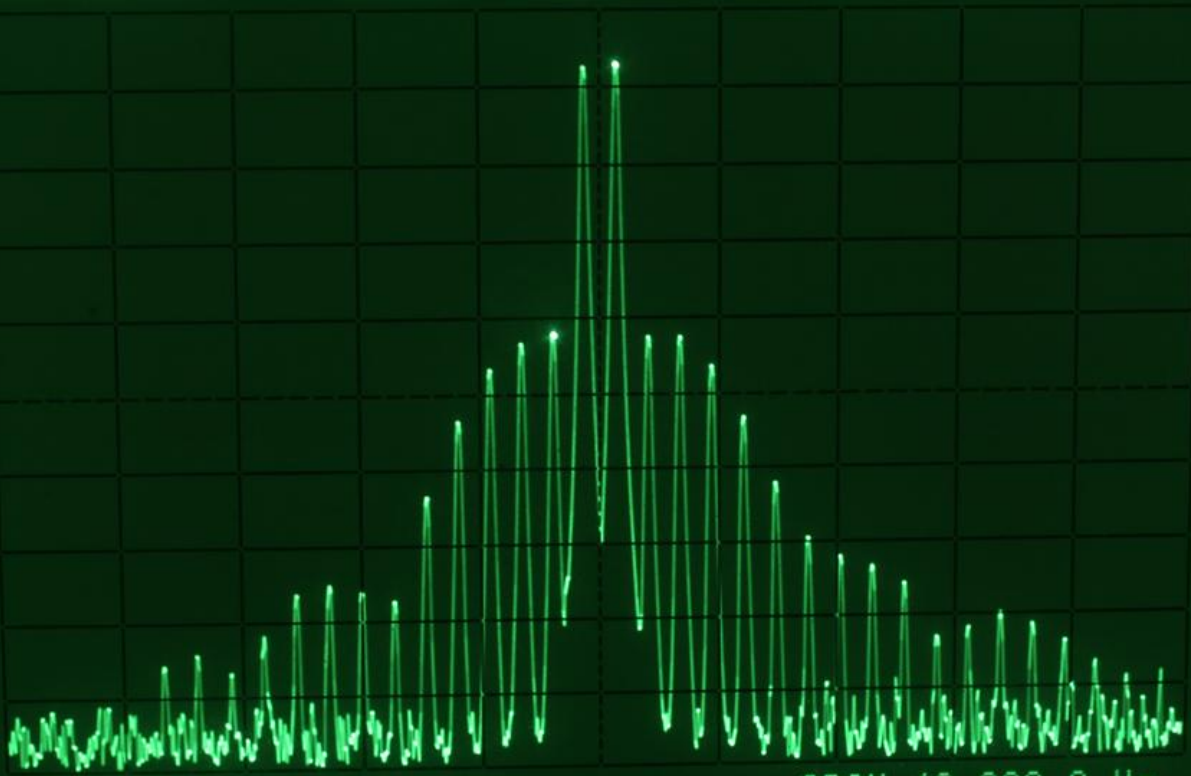
Flex 6700 transmit spectra at 95 watts PEP 160 – 10 meters. The frequency can be read off the screen. The span was set to 40 kHz to better show the total spectra, particularly on the lower bands. Top graticule is 100 watts, or 0 dBm after 50 dB of attenuation. Tones were 700 Hz and 1800 Hz. The cursor dots were set to read the worst-case distortion product in dBc. In the 160-meter screen shot below, that is -26.5 dBc for the third-order product. In the case of 40 meters, worst case was the fifth-order product. PEP measured with an Applied Engineering Science DWM-2 digital watt meter. Spectrum analyzer was an HP 3585A. Tone generators two HP 3336C. Rig power supply Astron RS-35M. The values are dBc. To convert to the PEP method, add 6 dB to all the readings.



REF .0 dBm
10 dB/DIV

RANGE .0 dBm

OFFSET -2 160.0 Hz
-35.6 dB



CENTER 3 801 240.0 Hz
RBW 100 Hz

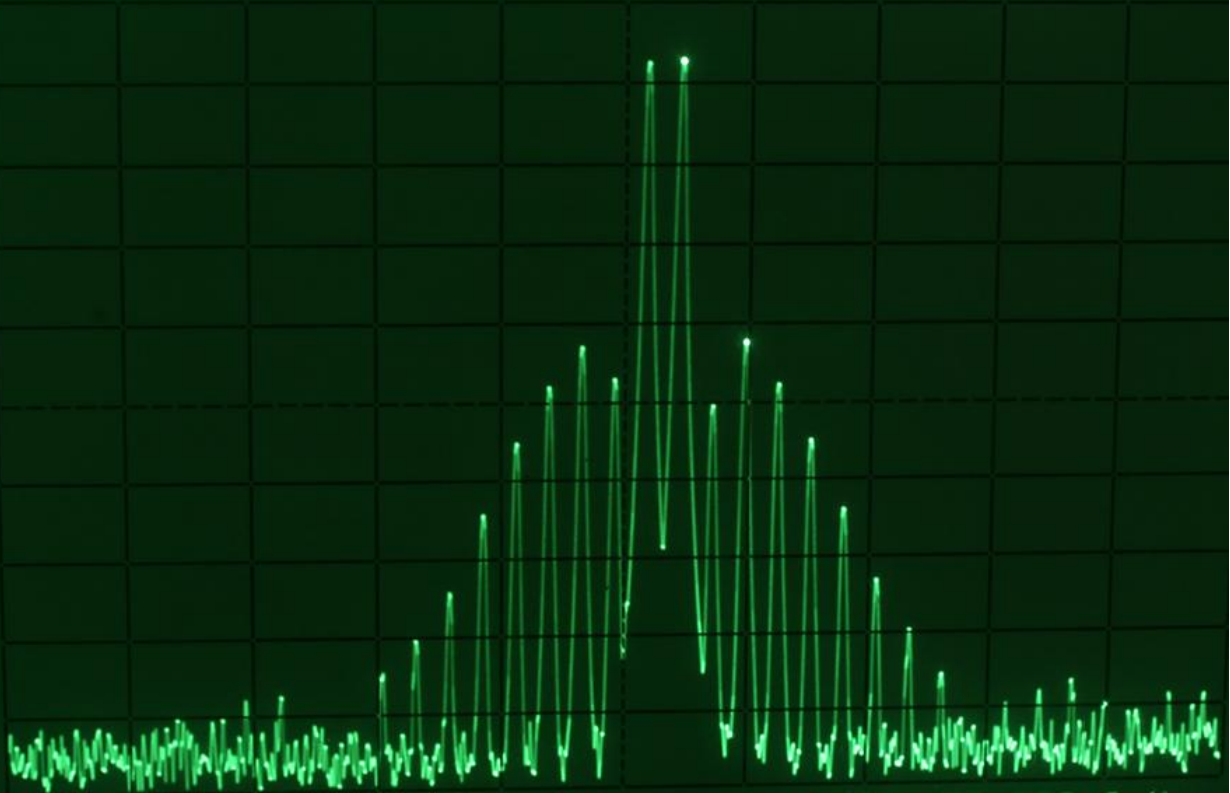
VBW 100 Hz

SPAN 40 000.0 Hz
ST 12.6 SEC

REF .0 dBm
10 dB/DIV

RANGE .0 dBm

OFFSET 2 200.0 Hz
-35.8 dB



CENTER 7 151 920.0 Hz
RBW 100 Hz

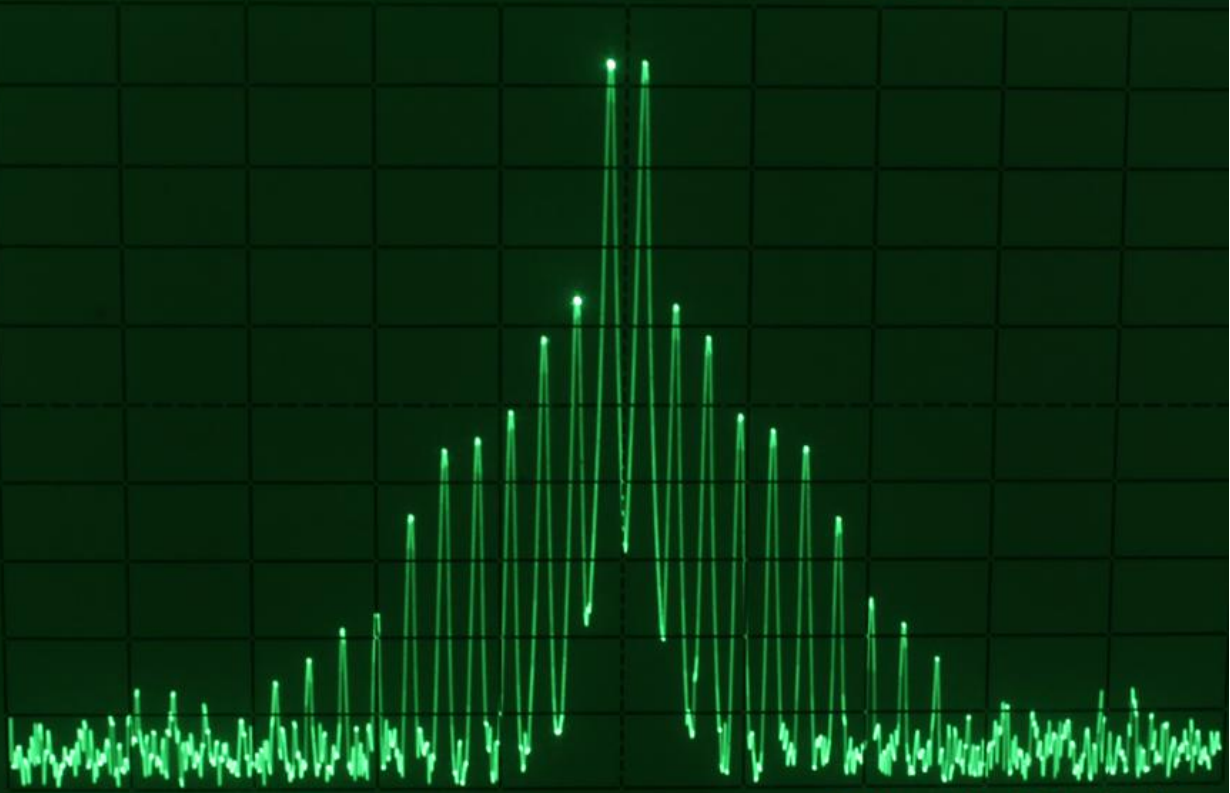
VBW 100 Hz

SPAN 40 000.0 Hz
ST 12.6 SEC

REF .0 dBm
10 dB/DIV

RANGE .0 dBm

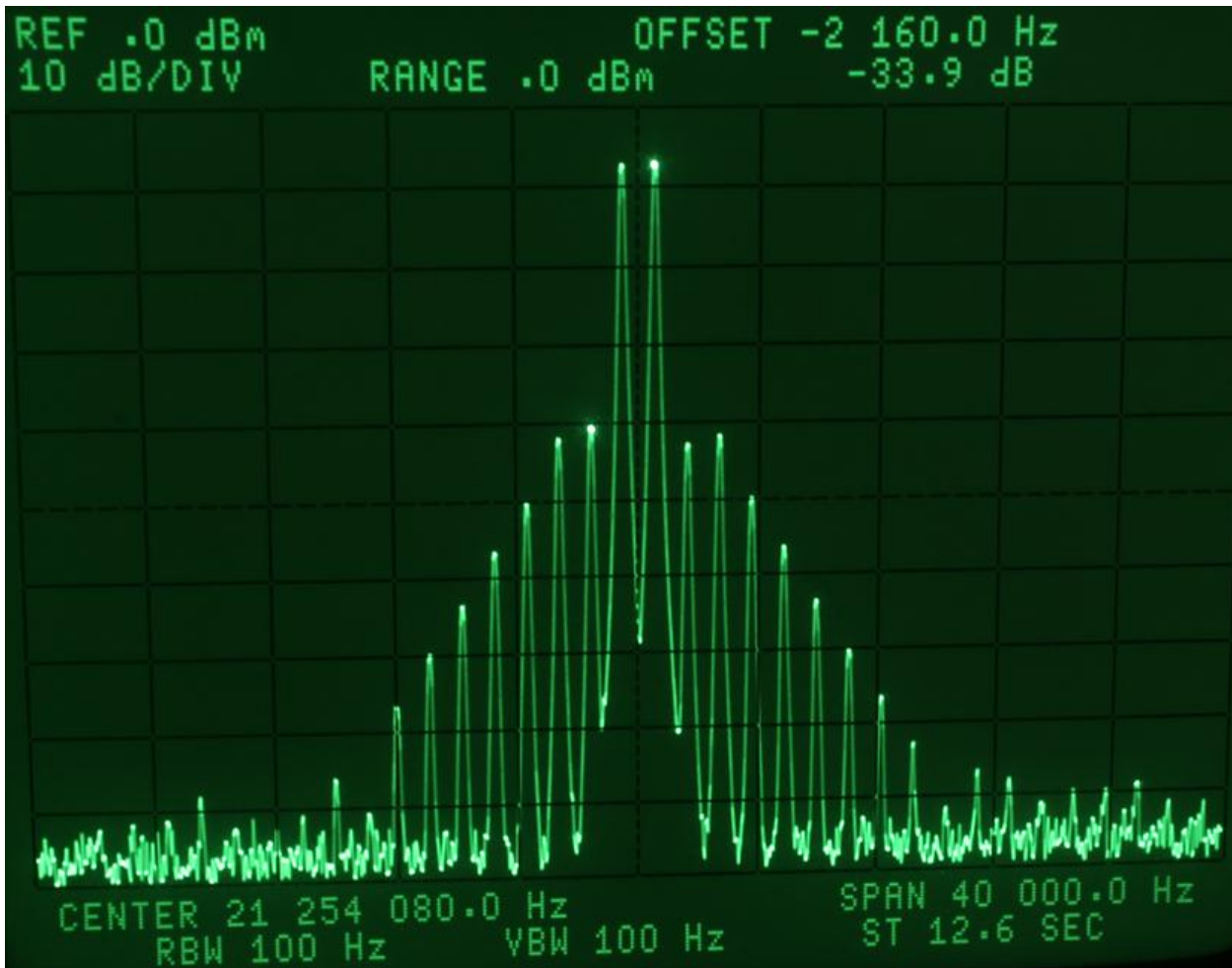
OFFSET -1 080.0 Hz
-29.8 dB

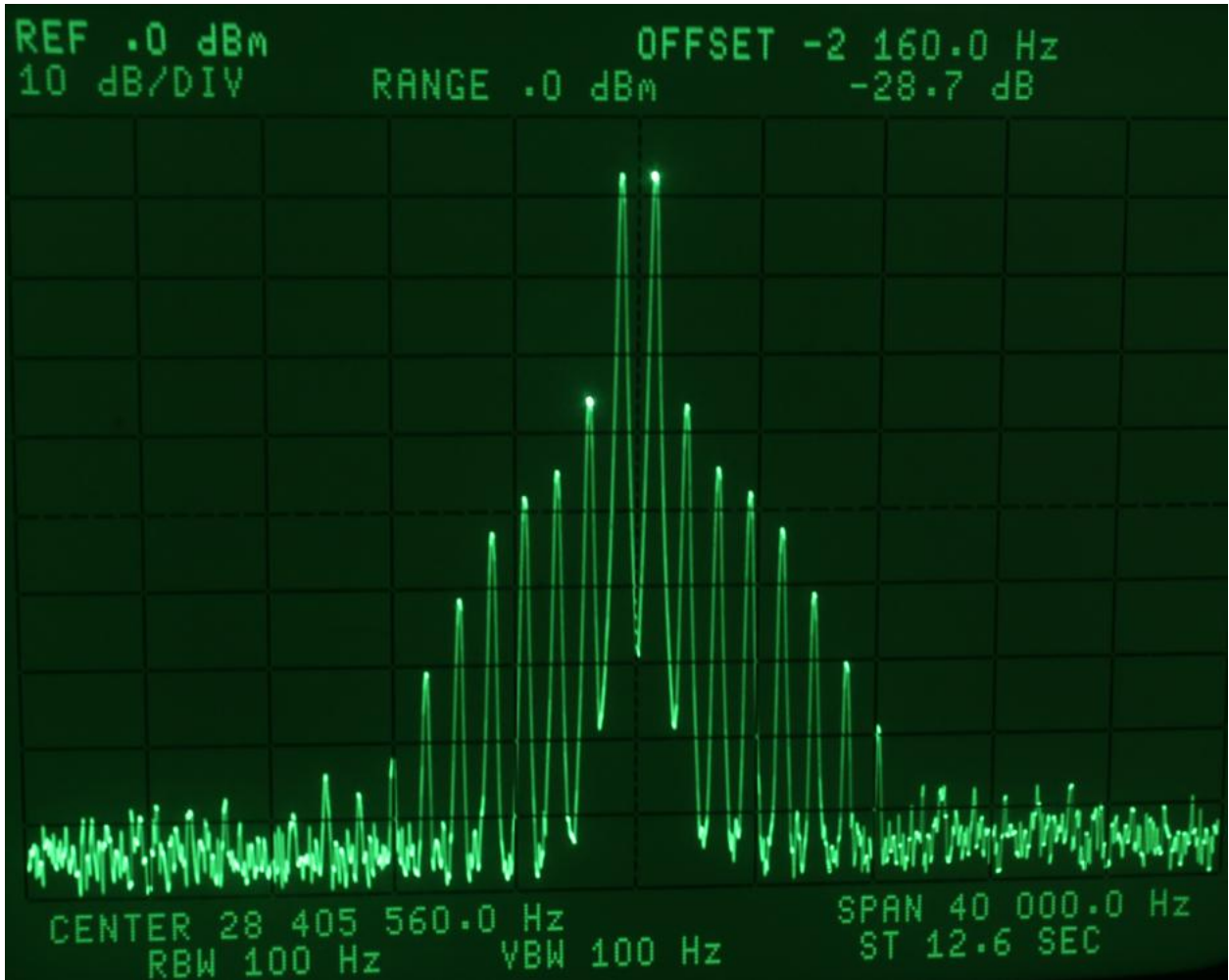


CENTER 14 158 840.0 Hz
RBW 100 Hz

VBW 100 Hz

SPAN 40 000.0 Hz
ST 12.6 SEC





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