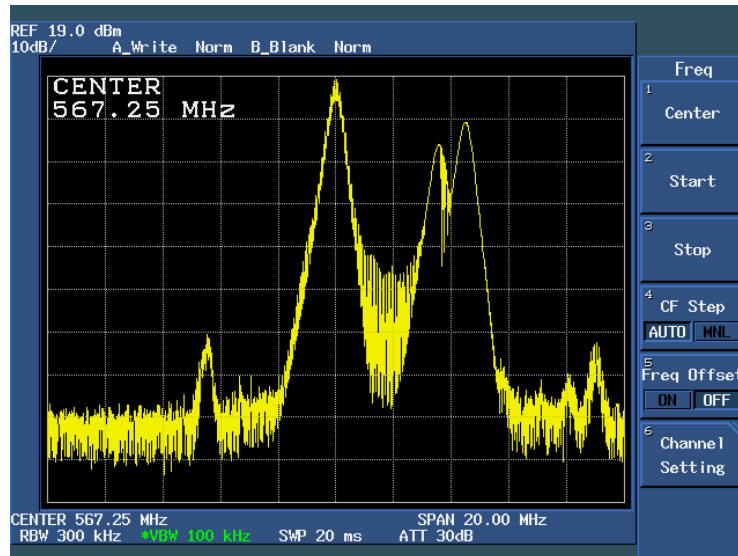


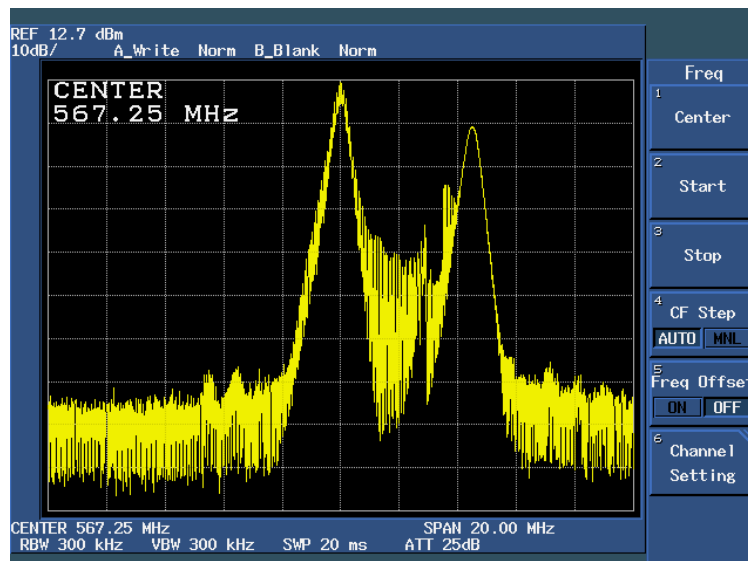
## CONDUCTED SPURIOUS AND HARMONICS

The following photographs indicate the spurious performance ( $> \pm 3$  MHz) from the designated TV channel. As can be seen from the photos (one taken at 500 Watts and the other taken at 125 Watts), the spurious levels are below 60 dB relative to the peak of sync of the visual carrier. The top center of the screen indicates the true peak of sync value when the vertical interval portion of the picture is present. These photos indicate the desired 10 dB visual to aural power ratio as the scale per division is 10 dB.

POWER OUTPUT = 500 Watts



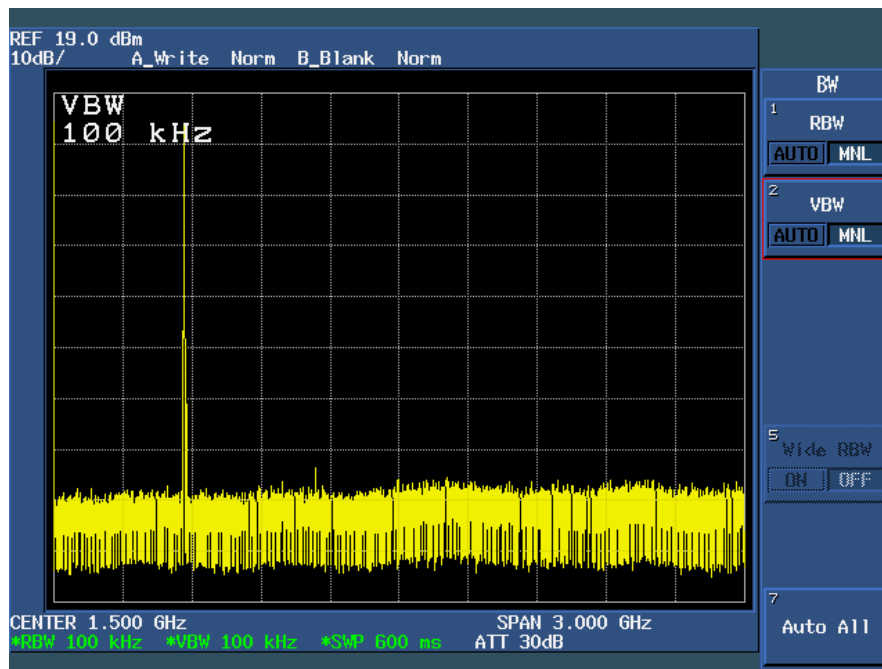
POWER OUTPUT = 125 Watts



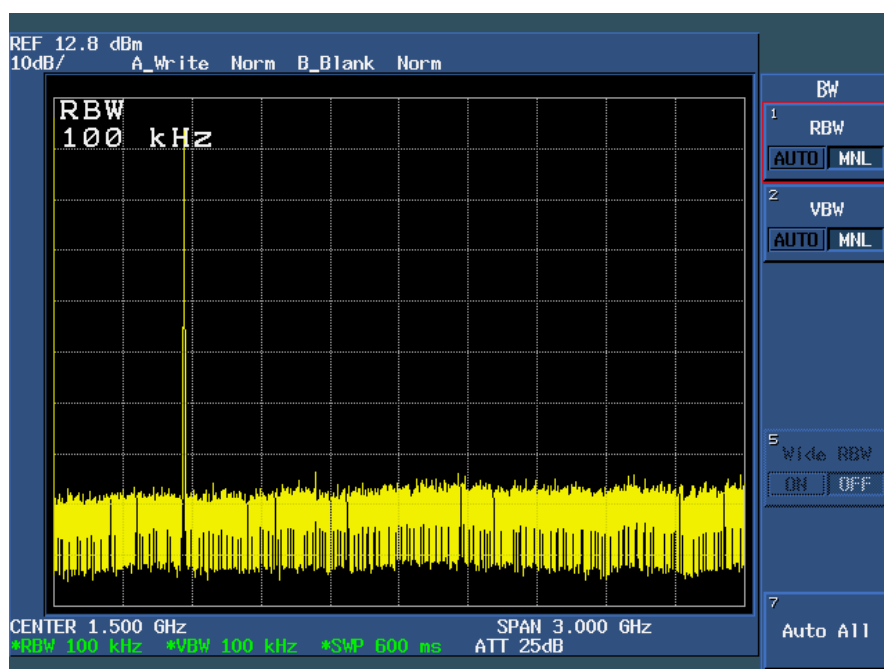
## CONDUCTED HARMONIC OUTPUTS

The following data indicates the harmonic performance of the TXUP500. No harmonics were visible. Photographs of the spectrum evaluating all harmonics are shown below. The pictures indicate that the harmonic levels are well below 60 dB compared to the top of the screen which represents visual sync peak power.

POWER OUTPUT = 500 Watts



POWER OUTPUT = 125 Watts



Both photographs indicate the fundamental frequency at 567 MHz. The fundamental frequency visual peak of sync reference value is located at the top of the screen on these photographs. The values indicate that the required performance of -60 dB is met.