

CFR 47 PART 80.1061(b)

The method used was as detailed in 2.1515(c).

The test was carried out using a Hewlett Packard 8568B spectrum analyser. All settings as per the FCC method.

The video bandwidth was set for the maximum of 3MHz.

The mean power correction for duty cycle made use of the highest duty cycle as this gave the worst results for carrier power content.

Characteristic	121.65MHz
Total wideband power	19.65dBm
Highest duty cycle	45.4%
10log (Duty) factor	-3.43dB
Total mean power	16.22dBm
Carrier power	13.4dBm
dBc-dBt	-3.32
Carrier content	52.24%

Hence 52.24% of the power is contained within ± 30 Hz of the nominal centre frequency.