

**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.

| <b>Characteristic</b> | <b>121.65MHz</b> |
|-----------------------|------------------|
| 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  $\pm 30\text{Hz}$  of the nominal centre frequency.