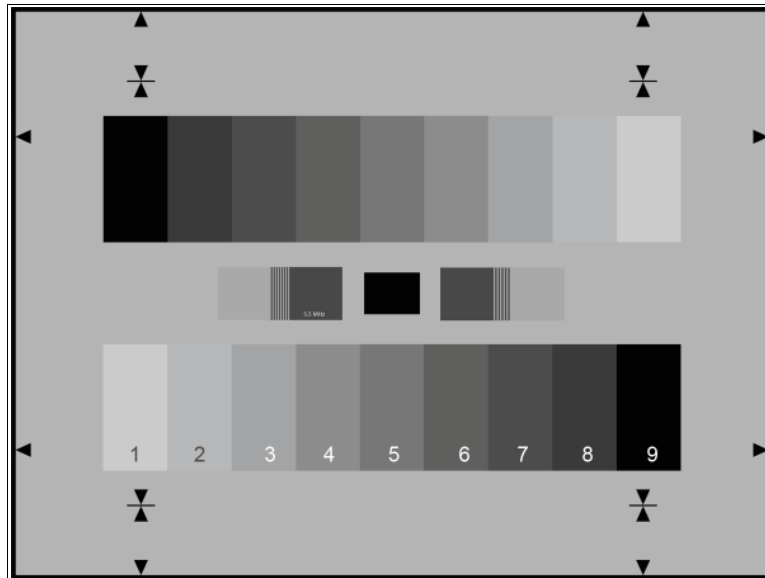




COLOR CAMERA GRAY SCALE TEST CHART

REFLECTANCE



Two 9-graduated counter current gray scales are arranged on a gray background ($D \approx 0.75$), the gray scales being graduated logarithmically ($\gamma = 0.45$). The output of an optimally gamma-corrected camera yields two 9-graduated counter current linear step signals. The contrast range of the gray scales is 50:1.

The values of the 9-graduated gray scale are as follows:

| Step | Density | Remission in % | Output voltage in % |
|------|---------|----------------|---------------------|
| 1 | 0.22 | 60 | 100 |
| 2 | 0.32 | 48 | 88.75 |
| 3 | 0.44 | 36 | 77.5 |
| 4 | 0.57 | 26 | 66.25 |
| 5 | 0.73 | 19 | 55 |
| 6 | 0.91 | 12 | 43.75 |
| 7 | 1.13 | 07 | 32.5 |
| 8 | 1.43 | 04 | 21.25 |
| 9 | 1.85 | 01.4 | 10 |

The density values are based on a density of $BaO_4S = 0$.

The test chart incorporates a super black cavity for the accurate adjustment of camera flare corrections and setting of black level. On both sides of the super black hole 4.5 and 5.5MHz bars with a contrast ratio of 7:1 are located. Above and below the gray scales there are additional markings for the 16:9 format.