# *Technical Information*

Date:        March 14, 1995

To:          Security Account Managers
             Security Systems Reps

From:        Hiro Sakamoto                           Security Systems

Re:          **SSC-DC30 vs WV-CP410 Test Report**


This test was done by camera designing group in Sony Japan.
Please use this information when you compare the DC-30 to WV-CP410.

## S/N

Condition : Iris close, AGC off, Filter mode (HPF 100kHz, LPF 4.2 MHz)

|  | WV-CP410 | SSC-DC30 |
|---|---|---|
| Specification | 50dB(AGC off, weight on) | 48dB(AGC off, weight on) |
| Measurement data | 52.2dB (weight on) | 53.6dB (weight on) |

CP410's picture looks noisy than DC30 at dark scene because of chroma noise.


## Minimum Illumination

Condition : AGC off, White level = 100 IRE

|  | WV-CP410 | SSC-DC30 |
|---|---|---|
| Specification | 2 lux (F1.2) | 1.9 lux (F1.2) |
| Measurement (F1.2 40IRE) | 3.64 lux | 2.1 lux |

DC30 has more sensitivity than CP-410.

**AWB**

According to Panasonic advertisement, Advanced Auto Tracing White balance of CP410 improves color re-production remarkable.

Compare with DC30.

> Fast color change (Not good for Pan & Tilt)
> A green book in a full screen becomes color less.
> Skin color looks pale under fluorescent light. (Refer the pictures)

ATW of WV-CP410 looks same as WV-CL350.
ATW Pro of DC30 is better than that one.

**AE (Back Light Compensation)**

According to Panasonic advertisement, BLC (Back Light Compensation) of CP410 will accept small or thin object which is not located at center.

> It accepts object which is not located at center.
> It not accept small object. (Refer the pictures)

The smart control of DC30 is better that that one.

Best regards,