

CCITT SGXV
 Working Party XV/1
 Specialists Group on Coding for Visual Telephony

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Title : Requirements for Test Signal Generator

In Flexible Hardware experiments, simple hardware providing only QCIF and 2B communication functions should be allowed for a maximum compatibility check. Further, considering the primary aim of the FH experiment, the interface between the FH and the Test Signal Generator should be as simple as possible. From this viewpoint, ISDN interface (I.430) seems too complex for the interface between the Test Signal Generator and FH. Some other simple interface such as RS-422/449 should be defined. The following example shows a specification of the Test Signal Generator.

- (1) interface structure : B (only for Video)
- (2) physycal and electrical interface : RS 422/449 (64kb/s)*
- (3) video signal format : with FEC framing (without H.221 framing)**
- (4) picture format : QCIF (mandatory), FCIF (optional)
- (5) maximum frame rate : minimum 7.5 frame/sec (provisional)
- (6) others : conforming to CCITT spec.

✓ to decide
to network

* Octet timing aspect should be clarified.

** This point is subject to change with CCITT discussion.