

Recommendation R65-1997

Grade-1 colour picture monitors

<i>EBU Committee</i>	<i>First issued</i>	<i>Revised</i>	<i>Re-issued</i>
PMC	1991	1993, 1997	

Keywords: Monitors, Measurements/Alignment

At various stages in the television programme-making process, the control of technical quality of the pictures is dependent, at least in part and in the ultimate, on a subjective assessment made by a skilled operator. This should be done using a high quality, “grade-1” colour monitor.

In view of the importance of this process, the EBU has published EBU document Tech. 3263 [1], which contains a specification for the principal characteristics to be satisfied by grade-1 monitors. This specification has recently been extended to include 16:9 aspect ratio monitors

The EBU *recommends*

- that monitors intended for the verification of the technical quality of colour television programmes should conform in their design and performance with the characteristics set out in document EBU Tech. 3263.
- that the measurements of the performance characteristics be made using the methods described in this document;
- that the measured values of the characteristics conform to the conditions set out in this document.
- that grade-1 monitors are aligned in accordance with EBU Recommendation R23. [2]

The EBU has published EBU document Tech 3273 [3] concerning the parameters which govern the colorimetry of monitors and appropriate measurement methods.

The EBU *recommends*

- that the methods described in EBU Tech 3273 should be used when assessing the colorimetric performance of grade-1 colour picture monitors.

Bibliography

- [1] EBU document Tech. 3263 (2nd edition, 1996): **Specification of grade-1 colour picture monitors**
 - [2] EBU Recommendation R23-1997: **Procedure for the operational alignment of grade-1 colour monitors**
 - [3] EBU document Tech. 3273 (1993): **Methods of measurement of the colorimetric performance of studio monitors**
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