

Proposed Amendment to A/74, “ATSC Recommended Practice: Receiver Performance Guidelines, with Corrigendum No. 1”

1. RATIONALE FOR CHANGES

Users of A/74 have requested clarification of the receiver phase noise performance recommended in A/74. Specifically, users have requested a more complete description of the phase noise profile. TSG/S10 has reached consensus that the text given in Section 2 below satisfies this request, and TSG has approved via a letter ballot.

Change instructions are given below in *italics*. Text to be added is shown in blue underline.

2. CHANGE INSTRUCTIONS

1) *Add the following text at the end of Section 4.3 (“Phase Noise”):*

“For purposes of this performance recommendation, receivers are expected to tolerate phase noise that decays at a rate of 20 dB per decade of frequency offset over a range of at least 500 Hz to 100 KHz.”