

I n t e r n a t i o n a l T e l e c o m m u n i c a t i o n U n i o n

**ITU-T**

TELECOMMUNICATION  
STANDARDIZATION SECTOR  
OF ITU

**O.174**

**Corrigendum 1**  
(07/2010)

SERIES O: SPECIFICATIONS OF MEASURING  
EQUIPMENT

Equipment for the measurement of digital and  
analogue/digital parameters

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Jitter and wander measuring equipment for digital  
systems which are based on synchronous Ethernet  
technology

**Corrigendum 1**

Recommendation ITU-T O.174 (2009) – Corrigendum 1



ITU-T O-SERIES RECOMMENDATIONS  
SPECIFICATIONS OF MEASURING EQUIPMENT

General	O.1–O.9
Maintenance access	O.10–O.19
Automatic and semi-automatic measuring systems	O.20–O.39
Equipment for the measurement of analogue parameters	O.40–O.129
<b>Equipment for the measurement of digital and analogue/digital parameters</b>	<b>O.130–O.199</b>
Equipment for the measurement of optical channel parameters	O.200–O.209
Equipment to perform measurements on IP networks	O.210–O.219
Equipment to perform measurements on leased-circuit services	O.220–O.229

*For further details, please refer to the list of ITU-T Recommendations.*

## Recommendation ITU-T O.174

### Jitter and wander measuring equipment for digital systems which are based on synchronous Ethernet technology

#### Corrigendum 1

#### Summary

Corrigendum 1 to Recommendation ITU-T O.174 contains material to correct Recommendation ITU-T O.174, *Jitter and wander measuring equipment for digital systems which are based on synchronous Ethernet technology*.

#### History

Edition	Recommendation	Approval	Study Group
1.0	ITU-T O.174	2009-11-13	15
1.1	ITU-T O.174 (2009) Cor. 1	2010-07-29	15

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In some areas of information technology which fall within ITU-T's purview, the necessary standards are prepared on a collaborative basis with ISO and IEC.

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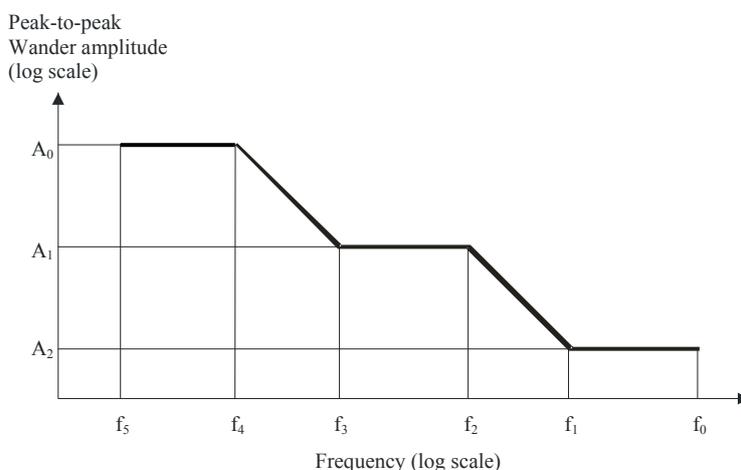
# Recommendation ITU-T O.174

## Jitter and wander measuring equipment for digital systems which are based on synchronous Ethernet technology

### Corrigendum 1

#### Clause 8.4.1, Minimum sinusoidal jitter/wander generation capability

Replace Figure 2 with the following:



Signal	Minimum peak-to-peak jitter amplitude ( $\mu$ s)			Wander frequency breakpoints (Hz)					
	$A_0$	$A_1$	$A_2$	$f_5$	$f_4$	$f_3$	$f_2$	$f_1$	$f_0$
EEC	23.15	2.57	0.32	12 $\mu$	178 $\mu$	1.6 m	15.6 m	125 m	10

NOTE 1 – Values based on requirements of [ITU-T G.8262].  
NOTE 2 – Jitter value is for further study.

**Figure 2 – Minimum amplitude of adjustable generated sinusoidal wander amplitude versus wander frequency for EEC signals**





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Series A	Organization of the work of ITU-T
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Series E	Overall network operation, telephone service, service operation and human factors
Series F	Non-telephone telecommunication services
Series G	Transmission systems and media, digital systems and networks
Series H	Audiovisual and multimedia systems
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Series J	Cable networks and transmission of television, sound programme and other multimedia signals
Series K	Protection against interference
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Series M	Telecommunication management, including TMN and network maintenance
Series N	Maintenance: international sound programme and television transmission circuits
<b>Series O</b>	<b>Specifications of measuring equipment</b>
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