

ITU-T

TELECOMMUNICATION
STANDARDIZATION SECTOR
OF ITU

G.824

Corrigendum 1
(08/2015)

SERIES G: TRANSMISSION SYSTEMS AND MEDIA,
DIGITAL SYSTEMS AND NETWORKS

Digital networks – Synchronization, quality and availability
targets

The control of jitter and wander within digital
networks which are based on the 1544 kbit/s
hierarchy

Corrigendum 1

Recommendation ITU-T G.824 (2000) – Corrigendum 1

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Recommendation ITU-T G.824

The control of jitter and wander within digital networks which are based on the 1544 kbit/s hierarchy

Corrigendum 1

Summary

Corrigendum 1 to Recommendation ITU-T G.824 (2000) corrects Table 1.

History

Edition	Recommendation	Approval	Study Group	Unique ID*
1.0	ITU-T G.824	1984-10-19		11.1002/1000/4511
2.0	ITU-T G.824	1988-11-25		11.1002/1000/1002
3.0	ITU-T G.824	1993-03-12	XVIII	11.1002/1000/1003
4.0	ITU-T G.824	2000-03-10	13	11.1002/1000/4963
4.1	ITU-T G.824 (2000) Cor. 1	2015-08-13	15	11.1002/1000/12560

* To access the Recommendation, type the URL <http://handle.itu.int/> in the address field of your web browser, followed by the Recommendation's unique ID. For example, <http://handle.itu.int/11.1002/1000/11830-en>.

FOREWORD

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The World Telecommunication Standardization Assembly (WTSA), which meets every four years, establishes the topics for study by the ITU-T study groups which, in turn, produce Recommendations on these topics.

The approval of ITU-T Recommendations is covered by the procedure laid down in WTSA Resolution 1.

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 G.824

The control of jitter and wander within digital networks which are based on the 1544 kbit/s hierarchy

Corrigendum 1

1) Clause 5.1, Jitter limits

Correct Table 1 as indicated by the tracked changes.

Table 1 – Maximum permissible jitter at traffic interfaces

Digital rate (kbit/s)	Measurement filter bandwidth –3 dB frequencies (Hz)	Peak-to-peak amplitude (UI _{pp})
1 544	10 to 40 k	5.0
	8 <u>k</u> to 40 k	0.1
6 312	10 to 60 k	5.0
	3 <u>k</u> to 60 k	0.1 (Note 1)
32 064	10 to 400 k	5.0
	8 <u>k</u> to 400 k	0.1 (Note 1)
44 736	10 to 400 k	5.0
	30 <u>k</u> to 400 k	0.1
97 728	10 to 1000 k	5.0
	240 <u>k</u> to 1000 k	0.1
NOTE 1 – This value requires further study.		
NOTE 2 – 1544 kbit/s 1 UI = 647 ns		
6312 kbit/s 1 UI = 158 ns		
32 064 kbit/s 1 UI = 31.1 ns		
44 736 kbit/s 1 UI = 22.3 ns		
97 728 kbit/s 1 UI = 10.2 ns.		

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