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#128 (1569650729): OFDM Performance with Odd-Even Quantisation in Cartesian $\Box\Box$ Upconverters

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Paper title OFDM Performance with Odd-Even Quantisation in Cartesian II Upconverters 2

Conference and track

2012 Sixth International Conference on Signal Processing and Communication Systems - Fifth International Conference on Signal Processing and Communication

Systems

Abstract

🛂 🗹 This paper studies the odd-quantisation technique when subjected to OFDM input signals in a...

Keywords

no keywords Only the chairs can edit

Personal notes

+

Roles

You are the creator and an author for this paper.

Status

Published (X)

Presented

by not specified 🛨 in session O5: Communications Theory from Thu, December 13, 2012 09:45 AEST until 10:45 (2nd paper) (15 min.)

Final



Review

Actions	Relevance and timeliness	Technical conten and scientific rigour	Novelty and originality	Quality of presentation
completed	Acceptable	Valid work but limited contribution.	Some interesting ideas and resul on a subject well investigated.	s Substantial revision work is needed.
			3	3 2

Strong aspects

This paper presents a comparison of quantization techniques.

Weak aspects

Although the paper has some novelty command some respect, it is poorly written. Significant revision is needed before a possible publication.

Actions	Relevance timeliness	and	Technical content and scientific rigour	Novelty and originality	Quality of presentation	
Recom	mended chan	ges				
Writing n	eeds it be significantly	improved.				
completed	Acceptable	3	Valid work but limited contribution.	Some interesting ideas and res on a subject well investigated.	Well written.	4
Strong	aspects					
The overa an inhere better pe	all performance of the entry higher noise floor.	even-quant It can be o quantisatio	isation scheme was worse than the bserved that the third harmonic is	artesian ΔΣ upconverters where OFE odd-quantisation scheme as the e the biggest noise contributor follow nal levels. These levels benefit from	ven-quantisation structure has wed by the image. The overall	
Weak a	aspects					
The autho	ors state that the overa	l better pe	rformances of the odd-quantisatio	n scheme occur at lower input sign	al levels without any explanation.	
Recom	mended chan	ges				
			rformances of the odd-quantisatio at needs to be followed.	n scheme occur at lower input sign	al levels without any explanation.	
completed	Excellent	5	Solid work of notable importance.	Significant original work and no results.	ovel Excellent. 4	5
Strong	aspects					
work yield		uction in a	djacent signal power when compar	all digital approach for driving switc red to the recently developed even-		

No significant weaknesses were noted.

Actions	Relevance and timeliness	Technical contentiand scientific rigour	Novelty and originality	Quality of presentation
Recom	nmended changes			
It would	be useful to have comments on	areas of future research, at least v	vithin the summary.	

EDAS at foxtrot for 2001:448a:702f:18d0:95b0:2040:7765:a06e (Mon, 08 May 2023 23:01:44 +0700 WIB) [User 673451 using Win10:Chrome 112.0 0.158/1.647 s] Request help