SDI Review Form 1.6

Journal Name:	**Journal of Engineering Research and Reports**
Manuscript Number:	**Ms_JERR_44330**
Title of the Manuscript:	**RELIABILITY ASSESSMENT OF A BASE TRANSCEIVER STATION USING 2-PARAMETER WEIBULL DISTRIBUTION METHOD**
Type of the Article	**Original Research Article**

General guideline for Peer Review process:

This journal's peer review policy states that **NO** manuscript should be rejected only on the basis of '**lack of Novelty'**, provided the manuscript is scientifically robust and technically sound.
To know the complete guideline for Peer Review process, reviewers are requested to visit this link:

(http://www.sciencedomain.org/page.php?id=sdi-general-editorial-policy#Peer-Review-Guideline)

PART 1: Review Comments

	Reviewer's comment	**Author's comment** *(if agreed with reviewer, correct the manuscript and highlight that part in the manuscript. It is mandatory that authors should write his/her feedback here)*
Compulsory REVISION comments	Line 7, would be better as: About 80% interruptions of cellular network availability… There is a need to improve the introduction section in this manuscript citing more recent published articles within Nigeria especially on the implications and the rationale. This you can easily do by looking at the following published articles which are on cellular network QoS studies in Nigeria, read and cite them accordingly: 1. Ukhurebor, K.E; Maor, M.S; Aigbe, E.E (2017) 'Mollification of WCDMA Interference on Uplink Channels in Cellular Network Using the Power Control Approach', *British Journal of Applied Science & Technology, Vol. 20(4), pp 1-11.* 2. Lawal, B.Y; Ukhurebor, K.E; Adekoya, M.A; Aigbe E.E (2016) 'Quality of Service and Performance Analysis of A GSM Network in Eagle Square, Abuja and Its Environs, Nigeria', *International Journal of Scientific & Engineering Research, Vol. 7(8), pp 1992- 1999.* 3. Ukhurebor, K.E; Andikara, J; Azi, S.O (2015a) 'Effects of Upsurge of Human Traffic on the Quality of Service of GSM Network in Eagle Square Abuja, Nigeria', *International Journal of Scientific & Engineering Research, Vol. 6(11), pp 89- 104.* 4. Ukhurebor, K.E; Awodu, O.M; Abiodun, I.C; Azi, S.O (2015b) 'A Comparative Study of the Quality of Service of GSM Network during Crowd Upsurge in University of Benin, Nigeria', *International Journal of Scientific & Engineering Research, Vol. 6(10), pp 1484- 1497.* I would kindly suggest that you cite these articles to support most of your statements in the introduction section; these statements need references to back them up so as to make your work ethically balance. Like in line 27-34, you could do it this way: 'The telecommunication industry has been experiencing unprecedented expansion in the number of subscribers since the inception of Global System for Mobile communication (GSM) in Nigeria in 2001 [Ukhurebor, *et al.,* 2017; Lawal, *et al.,* 2017; Ukhurebor, *et al.,* 2015a; Ukhurebor, *et al.,* 2015b]…' Please, it is significant that you cite reference(s) to support most of your statements in this manuscript; you can use the listed published articles. Please, I would suggest you delete line 416-418 because is a complete repetition.	Thanks for taking time to review my manuscript. All the issues raised have been addressed. I would be more grateful in the future if the issues raised by you were highlighted for easier detection and correction by me. Thank you.
Minor REVISION comments	Please, also check out for some other minute errors especially grammatical ones.	
Optional/General comments	The need for the telecommunication regulatory agencies, service providers and researchers to access the QoS for better service delivery is very paramount. I therefore, commend the effort of the author(s) of this manuscript.	