



NATIONAL COMMUNICATIONS AUTHORITY

# Quality of Service (QoS) Monitoring Report

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*[1<sup>st</sup> Half, Year 2016]*

*[Communications for Development]*

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## Mobile Voice Results- Regional

### MTN

		February		March		April			May		
KPIs	Target	Greater Accra Region	Northern Region	Western Region	Ashanti Region	Eastern Region	Volta Region	Brong Ahafo Region	Central Region	Upper East Region	Upper West Region
SCR	≤ 1%	0%	0.12%	0%	0%	0%	0%	0%	0%	0%	0%
TCR	≤ 1%	0.2%	0.20%	0.04%	0.02%	0%	0%	0%	0.10%	0%	0%
CDR	≤ 3%	0%	0%	0%	0.02%	0%	0%	0%	0.03%	0%	0%
CST	<10 sec	9.41	8.81	8.55	8.2	9.08	7.86	7.93	8.97	8.33	8.11
CCR	>70%	98%	96.77%	96%	97.7%	96%	97%	99.37%	95%	99.44	99.60%

### VODAFONE

		February		March		April			May		
KPIs	Target	Greater Accra Region	Northern Region	Western Region	Ashanti Region	Eastern Region	Volta Region	Brong Ahafo Region	Central Region	Upper East Region	Upper West Region
SCR	≤ 1%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%
TCR	≤ 1%	0.05%	0%	0%	0%	0.06%	0.40%	0%	0%	0%	0%
CDR	≤ 3%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%
CST	<10 sec	3.82	7.49	12.73	4	5.32	13.07	7.94	13.36	5.46	5.86
CCR	>70%	98.17%	91.47%	94%	98.33%	99%	93%	98.17%	91%	99.73%	99.46%

### TIGO

		February		March		April			May		
KPIs	Target	Greater Accra Region	Northern Region	Western Region	Ashanti Region	Eastern Region	Volta Region	Brong Ahafo Region	Central Region	Upper East Region	Upper West Region
SCR	≤ 1%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%
TCR	≤ 1%	0.03%	0%	0.17%	0.03%	0.12%	0.30%	0.07%	0.67%	0%	0.14%
CDR	≤ 3%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%
CST	<10 sec	7.52	9.72	8.11	8.03	8.07	6.90	8.913	7.05	9.55	9.27

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CCR	>70%	95.97%	98.20%	83.36%	95.57%	98.35%	96.90%	95.76%	76.65%	99.90%	98.19%
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**AIRTEL**

		February		March		April			May		
KPIs	Target	Greater Accra Region	Northern Region	Western Region	Ashanti Region	Eastern Region	Volta Region	Brong Ahafo Region	Central Region	Upper East Region	Upper West Region
SCR	≤ 1%	0%	0.46%	0%	0%	0%	0%	0%	0%	0%	0%
TCR	≤ 1%	0.80%	0.51%	0.04%	0.13%	0%	1%	0.29%	1.71%	1%	0%
CDR	≤ 3%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%
CST	<10 sec	12.46	12.35	16.03	11.61	11.75	7.45	11.19	16.03	13.37	13.82
CCR	>70%	90.23%	95.15%	88.83%	98.33%	91.11%	93.00%	97.80%	84.42%	89.14%	85.69%

**GLO**

		February		March		April			May		
KPIs	Target	Greater Accra Region	Northern Region	Western Region	Ashanti Region	Eastern Region	Volta Region	Brong Ahafo Region	Central Region	Upper East Region	Upper West Region
SCR	≤ 1%	0%	1.44%	0%	0%	0%	0%	0%	0%	0%	0%
TCR	≤ 1%	0.42	0.72%	0.58%	0.50%	0.20%	0%	0.44%	0%	0%	1.62%
CDR	≤ 3%	0.01%	0%	0%	0%	0%	0%	0%	0%	0%	0%
CST	<10 sec	11.74	7.53	11.41	10.05	11.04	10	7.41	9.99	18.15	9.92
CCR	>70%	92.93%	94.96%	84.50%	91.53%	92.78%	71.00%	91.04%	84.47%	76.50%	88.16%

## Mobile Voice Rating

The table below shows the rating of Operators based on their performance in all available districts tested in the regions. A star represents a pass for a particular KPI in all the available districts tested in the ten regions for the period under review. Please refer to Appendix I for operators' voice performance per district.

KPIs	MTN	Vodafone	Tigo	Airtel	Glo
SCR	★	★	★		
TCR		★			
CDR	★	★	★	★	★
CCR					
CST					

### Remarks:

- Vodafone is a **three (3) star** Voice service provider.
- MTN and Tigo are **two (2) star** Voice service provider.
- Airtel and Glo are **one (1) star** Voice service provider

## Mobile Data Results- Regional

### MTN

		February	March			April			May	
KPIs	Target	Greater Accra Region	Western Region	Ashanti Region	Eastern Region	Volta Region	Brong Ahafo Region	Central Region	Upper East Region	Upper West Region
DASR	≥ 95	99.64%	99.90%	99.94%	100%	99.4%	100%	99.85%	100%	99.7%
DDR	≤ 1%	0%	0%	0%	0%	0%	0%	0%	0%	0%
DT	≥ 256kbps	3870kbps	2758	4690	1130	2845.9	4143	3555.02	7591.92	7629.4

### VODAFONE

		February	March			April			May	
KPIs	Target	Greater Accra Region	Western Region	Ashanti Region	Eastern Region	Volta Region	Brong Ahafo Region	Central Region	Upper East Region	Upper West Region
DASR	≥ 95	99%	99.03%	80.79%	96.72%	96%	100%	99.32%	100%	100%
DDR	≤ 1%	0%	0%	0%	0%	0%	0%	0%	0%	0%
DT	≥ 256kbps	1849kbps	2347	1290	2162	3015	1272.24	2390.14	4424.63	2749.22

### TIGO

		February	March			April			May	
KPIs	Target	Greater Accra Region	Western Region	Ashanti Region	Eastern Region	Volta Region	Brong Ahafo Region	Central Region	Upper East Region	Upper West Region
DASR	≥ 95	97.08%	99.59%	99.73%	100%	99%	97.88%	99.91%	100%	97.91%
DDR	≤ 1%	0%	0%	0%	0%	0%	0%	0%	0%	0%
DT	≥ 256kbps	417	3034	840	543	1626	894.56	3858.68	2434.67	2516.63

### AIRTEL

		February	March			April			May	
KPIs	Target	Greater Accra Region	Western Region	Ashanti Region	Eastern Region	Volta Region	Brong Ahafo Region	Central Region	Upper East Region	Upper West Region
DASR	≥ 95	96.43%	99.59%	98.37%	99.86%	99%	98.74%	98.14%	90.64%	93.36%
DDR	≤ 1%	0%	0%	0%	0%	0%	0%	0%	0%	0%

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DT	≥ 256kbps	2224	3034	2750	2537	2545.7	2400	3755.14	1296.65	3607.85
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**GLO**

		February	March			April		May		
KPIs	Target	Greater Accra Region	Western Region	Ashanti Region	Eastern Region	Volta Region	Brong Ahafo Region	Central Region	Upper East Region	Upper West Region
DASR	≥ 95	97.76%	100%	99.8	99.76%	97%	99.77%	97.73%	100%	0%
DDR	≤ 1%	0%	0%	0%	0%	0%	0%	0%	0%	0%
DT	≥ 256kbps	4543	2176	2610	3263	2561	1416.17	3405.73	1924.57	1916.75

\* Northern Region data was not tested due to technical challenges

## Mobile Data Rating

The table below shows the rating of Operators based on their performance in all available districts tested in the regions. A star represents a pass for a particular KPI in all the available districts tested in nine regions for the period under review. Please refer to Appendix II for operators' data performance per district.

KPIs	MTN	Vodafone	Tigo	Airtel	Glo
DASR	★				
DDR	★	★	★	★	★
DT					

### Remarks:

- MTN is a **two (2) star** data service provider.
- Vodafone, Tigo, Airtel and Glo are **one (1) star** data service providers.

**APPENDIX I**

**Mobile Voice Results- Districts**

**1. SDCCH Congestion Rate (SCR)**

Month	Region	District	MTN	Vodafone	Tigo	Airtel	Glo
February	Greater Accra	Abokobi	0%	0%	0%	0%	0%
February		Accra	0%	0%	0%	0%	0%
February		Ashaiman	0%	0%	0%	0%	0%
February		Adenta	0%	0%	0%	0%	0%
February		Dodowa	0%	0%	0%	0%	0%
February		Gbawe	0%	0%	0%	0%	0%
February		Kpone	0%	0%	0%	0%	0%
February		La	0%	0%	0%	0%	0%
February		Madina	0%	0%	0%	0%	0%
February		Prampram	0%	0%	0%	0%	0%
February		Sege	0%	0%	0%	0%	0%
February		Sowutuom	0%	0%	0%	0%	0%
February		Tema	0%	0%	0%	0%	0%
February		Teshie-Nungua	0%	0%	0%	0%	0%
February		Northern	Bimbilla	0%	0%	No Network	0%
February	Bole		0%	0%	0%	0%	No Network
February	Bupe		0%	0%	0%	0%	No Network
February	Daboya		0%	0%	0%	No Network	No Network
February	Damongo		0%	0%	0%	0%	No Network
February	Gushegu		0%	0%	0%	0%	No Network
February	Karaga		0%	0%	0%	No Network	No Network
February	Kpandai		0%	0%	0%	0%	No Network
February	Kumbungu		0%	0%	0%	0%	No Network
February	Saboba		0%	0%	0%	0%	No Network
February	Sagnerigu		0%	0%	0%	0%	No Network
February	Salaga		0%	0%	0%	0%	No Network
February	Sang		0%	0%	0%	0%	No Network
February	Savelugu		0%	0%	0%	0%	No Network
February	Sawla		0%	0%	0%	0%	No Network
February	Tamale		0.23%	0%	0%	1.28%	1.44%
February	Tatale		0%	0%	0%	0%	No Network
February	Tolon		0%	0%	0%	0%	No Network
February	Wulensi		0%	0%	0%	0%	No Network
February	Yendi		0%	0%	0%	0%	No Network
February	Zabzugu	0%	0%	0%	0%	No Network	



**QUALITY OF SERVICE (QoS) MONITORING REPORT – 1<sup>st</sup> Half, Year 2016**

Month	Region	District	MTN	Vodafone	Tigo	Airtel	Glo	
March	Western	Agona Nkwanta	0%	0%	0%	0%	0%	
March		Asankragwa	0%	0%	0%	0%	No Network	
March		Akontombra	0%	0%	0%	0%	No Network	
March		Axim	0%	0%	0%	0%	No Network	
March		Bibiani	0%	0%	0%	0%	No Network	
March		Bodi	0%	0%	0%	0%	No Network	
March		Bogoso	0%	0%	0%	0%	0%	
March		Daboase	0%	0%	0%	0%	0%	
March		Dadieso	0%	0%	0%	No Network	No Network	
March		Enchi	0%	0%	0%	0%	No Network	
March		Essam/Debiso	0%	0%	0%	0%	No Network	
March		Half-Assini	0%	0%	0%	0%	No Network	
March		Juaboso	0%	0%	0%	0%	No Network	
March		Mpohor	0%	0%	0%	0%	0%	
March		Nkroful	0%	0%	0%	0%	No Network	
March		Sefwi Wiawso	0%	0%	0%	0%	No Network	
March		Shama	0%	0%	0%	0%	0%	
March		Takoradi	0%	0%	0%	0%	0%	
March		Tarkwa	0%	0%	0%	0%	0%	
March		Wassa Akropong	0%	0%	0%	0%	No Network	
March		Ashanti	Agogo	0%	0%	0%	0%	0
March			Agona	0%	0%	0%	0%	0
March	Akumadan		0%	0%	0%	0%	0	
March	Asiwa		0%	0%	0%	0%	No Network	
March	Bekwai		0%	0%	0%	0%	0	
March	Effiduase		0%	0%	0%	0%	0	
March	Ejisu		0%	0%	0%	0%	0	
March	Ejura		0%	0%	0%	0%	0	
March	Foase		0%	0%	0%	0%	0	
March	Fomena		0%	0%	0%	0%	No Network	
March	Jacobu		0%	0%	0%	0%	0%	
March	Juaben		0%	0%	0%	0%	0%	
March	Juaso		0%	0%	0%	0%	0%	
March	Kodie		0%	0%	0%	0%	0%	
March	Konongo		0%	0%	0%	0%	0%	
March	Kumasi		0%	0%	0%	0%	0%	
March	Kumawu		0%	0%	0%	0%	0%	
March	Kuntenase		0%	0%	0%	0%	0%	



**QUALITY OF SERVICE (QoS) MONITORING REPORT – 1<sup>st</sup> Half, Year 2016**

Month	Region	District	MTN	Vodafone	Tigo	Airtel	Glo	
March		Mampong	0%	0%	0%	0%	0%	
March		Mampong	0%	0%	0%	0%	0%	
March		Mankranso	0%	0%	0%	0%	0	
March		Manso Nkwanta	0%	0%	0%	0%	No Network	
March		New Edubiase	0%	0%	0%	0%	0	
March		Nkawie	0%	0%	0%	0%	0	
March		Nsuta	0%	0%	0%	0%	No Network	
March		Nyinahin	0%	0%	0%	0%	No Network	
March		Obuasi	0%	0%	0%	0%	0	
March		Offinso	0%	0%	0%	0%	0	
March		Tepa	0%	0%	0%	0%	0	
April		Eastern	Abetifi	0%	0%	0%	0%	0%
April	Akim Oda		0%	0%	0%	0%	0%	
April	Akim Swedru		0%	0%	0%	0%	0%	
April	Akropong		0%	0%	0%	0%	0%	
April	Asamankese		0%	0%	0%	0%	0%	
April	Asesewa		0%	0%	0%	0%	0%	
April	Atimpoku		0%	0%	0%	0%	No Network	
April	Begoro		0%	0%	0%	0%	No Network	
April	Donkorkrom		0%	0%	0%	0%	No Network	
April	Kade		0%	0%	0%	0%	No Network	
April	Koforidua		0%	0%	0%	0%	0%	
April	Kwabeng		0%	0%	0%	0%	0%	
April	Kyebi		0%	0%	0%	0%	No Network	
April	Mpraeso		0%	0%	0%	0%	0%	
April	New Abirem		0%	0%	0%	0%	No Network	
April	Nkawkaw		0%	0%	0%	0%	0%	
April	Nsawam		0%	0%	0%	0%	0%	
April	Odumase Krobo		0%	0%	0%	0%	0%	
April	Ofoase		0%	0%	0%	0%	No Network	
April	Somanya		0%	0%	0%	0%	0%	
April	Suhum		0%	0%	0%	0%	0%	
April	Volta		Adidome	0%	0%	0%	0%	0%
April			Akatsi	0%	0%	0%	0%	0%
April			Dambai	0%	0%	0%	0%	No Network
April		Denu	0%	0%	0%	0%	No Network	
April		Dzodze	0%	0%	0%	0%	0%	
April		Ho	0%	0%	0%	0%	0%	

**QUALITY OF SERVICE (QoS) MONITORING REPORT – 1<sup>st</sup> Half, Year 2016**

Month	Region	District	MTN	Vodafone	Tigo	Airtel	Glo
April		Hohoe	0%	0%	0%	0%	No Network
April		Jasikan	0%	0%	0%	0%	No Network
April		Kadjebi	0%	0%	0%	0%	No Network
April		Keta	0%	0%	0%	0%	0%
April		Kete Krachi	0%	0%	0%	0%	No Network
April		Kpando	0%	0%	0%	0%	No Network
April		Kpasa	0%	0%	0%	0%	No Network
April		Kpetoe	0%	0%	0%	0%	0%
April		Kpeve	0%	0%	0%	0%	No Network
April		Nkonya Ahenkro	0%	0%	0%	0%	No Network
April		Nkwanta	0%	0%	0%	0%	No Network
April		Sogakope	0%	0%	0%	0%	No Network
April		Brong Ahafo	Kukuom	0%	0%	0%	0%
April	Goaso		0%	0%	0%	0%	0%
April	Kenyasi		0%	0%	0%	0%	No Network
April	Bechem		0%	0%	0%	0%	No Network
April	Duayaw Nkwanta		0%	0%	0%	0%	No Network
April	Sunyani		0%	0%	0%	0%	0%
April	Odumasi		0%	0%	0%	0%	0%
April	Berekum		0%	0%	0%	0%	0%
April	Wamfie		0%	0%	0%	0%	No Network
April	Dormaa Ahenkro		0%	0%	0%	0%	No Network
April	Drobo		0%	0%	0%	0%	No Network
April	Sampa		0%	0%	0%	0%	No Network
April	Nsawkwa		0%	0%	0%	0%	No Network
April	Wenchi		0%	0%	0%	0%	No Network
April	Techiman		0%	0%	0%	0%	0%
April	Kintampo		0%	0%	0%	0%	0%
April	Jema		0%	0%	0%	0%	No Network
April	Busunya		0%	0%	0%	0%	No Network
April	Nkoranza		0%	0%	0%	0%	No Network
April	Atebubu		0%	0%	0%	0%	No Network
April	Kwame Danso	0%	0%	0%	0%	No Network	
April	Yeji	0%	0%	0%	0%	No Network	
May	Central	Abura Dunkwa	0%	0%	0%	0%	0%
May		Afransie	0%	0%	0%	0%	0%
May		Agona Swedru	0%	0%	0%	0%	0%
May		Ajumako	0%	0%	0%	0%	0%

**QUALITY OF SERVICE (QoS) MONITORING REPORT – 1<sup>st</sup> Half, Year 2016**

Month		District	MTN	Vodafone	Tigo	Airtel	Glo
May	Upper West	Apam	0%	0%	0%	0%	0%
May		Assin Fosu	0%	0%	0%	0%	0%
May		Awutu Breku	0%	0%	0%	0%	0%
May		Breman Asikuma	0%	0%	0%	0%	0%
May		Cape Coast	0%	0%	0%	0%	0%
May		Dunkwa On-Offin	0%	0%	0%	0%	0%
May		Elmina	0%	0%	0%	0%	0%
May		Esakyir	0%	0%	0%	0%	0%
May		Kasoa	0%	0%	0%	0%	0%
May		Komenda	0%	0%	0%	0%	0%
May		Nsabaa	0%	0%	0%	0%	No Network
May		Nsuaem Kyekyewere	0%	0%	0%	0%	0%
May		Saltpond	0%	0%	0%	0%	0%
May		Twifo Hemang	0%	0%	0%	0%	No Network
May		Twifo Praso	0%	0%	0%	0%	No Network
May		Winneba	0%	0%	0%	0%	0%
May	Upper West	Funsi	0%	No Network	No Network	0%	No Network
May		Gwollu	0%	0%	0%	0%	No Network
May		Jirapa	0%	0%	0%	0%	No Network
May		Lambussie	0%	0%	0%	0%	No Network
May		Lawra	0%	0%	0%	0%	No Network
May		Nadowli	0%	0%	0%	0%	No Network
May		Tumu	0%	0%	0%	0%	No Network
May		Wa	0%	0%	0.27%	0%	0.00%
May		Wachiau	0%	0%	0%	0%	0.00%
May	Upper East	Bawku	0%	0%	0%	0%	No Network
May		Bolgatanga	0%	0%	0%	0%	0%
May		Bongo	0%	0%	0%	0%	No Network
May		Garu	0%	0%	0%	0%	No Network
May		Navrongo	0%	0%	0%	0%	No Network
May		Paga	0%	0%	0%	0%	No Network
May		Sandema	0%	0%	0%	0%	No Network
May		Tongo	0%	0%	0%	0%	0%
May		Zebilla	0%	0%	0%	0%	No Network

**QUALITY OF SERVICE (QoS) MONITORING REPORT – 1<sup>st</sup> Half, Year 2016**

**2. TCH Congestion Rate (TCR)**

Month	Region	Town	MTN	Vodafone	Tigo	Airtel	Glo
February	Greater Accra	Abokobi	0%	0%	0%	0%	0%
February		Accra	0%	0%	0%	0%	0%
February		Ashaiman	0%	0%	1%	0%	0%
February		Adenta	0%	0%	0%	0%	0%
February		Dodowa	0%	0%	0%	0%	0%
February		Gbawe	0%	0%	0%	0%	1%
February		Kpone	0%	0%	0%	0%	0%
February		La	0%	0%	0%	0%	0%
February		Madina	0%	0%	0%	0%	0%
February		Prampram	0%	0%	0%	0%	0%
February		Sege	0%	0%	0%	0%	0%
February		Sowutuom	0%	0%	0%	0%	0%
February		Tema	0%	0%	0%	0%	1%
February		Teshie-Nungua	0%	0%	0%	0%	0%
February		Northern	Bimbilla	0%	0%	No Network	0%
February	Bole		0%	0%	0%	0%	No Network
February	Bupe		0%	0%	0%	0%	No Network
February	Daboya		0%	0%	0%	No Network	No Network
February	Damongo		0%	0%	0%	0%	No Network
February	Gushegu		0%	0%	0%	0%	No Network
February	Karaga		0%	0%	0%	No Network	No Network
February	Kpandai		0%	0%	0%	0%	No Network
February	Kumbungu		0%	0%	0%	0%	No Network
February	Saboba		0%	0%	0%	0%	No Network
February	Sagnerigu		0%	0%	0%	0%	No Network
February	Salaga		0%	0%	0%	0%	No Network
February	Sang		0%	0%	0%	0%	No Network
February	Savelugu		0%	0%	0%	0%	No Network
February	Sawla		0%	0%	0%	0%	No Network
February	Tamale		0.47%	0%	0%	1.39%	0.72%
February	Tatale		0%	0%	0%	0%	No Network
February	Tolon		0%	0%	0%	0%	No Network
February	Wulensi		0%	0%	0%	0%	No Network
February	Yendi		0%	0%	0%	0%	No Network
February	Zabzugu	2%	0%	0%	0%	No Network	
March	Western	Agona Nkwanta	0%	0%	0%	0%	1%
March		Asankragwa	0%	0%	0%	0%	No Network
March		Akontombra	0%	0%	0%	0%	No Network

**QUALITY OF SERVICE (QoS) MONITORING REPORT – 1<sup>st</sup> Half, Year 2016**

Month		Town	MTN	Vodafone	Tigo	Airtel	Glo
March		Axim	0%	0%	4%	0%	No Network
March		Bibiani	0%	0%	0%	0%	No Network
March		Bodi	0%	0%	0%	1%	No Network
March		Bogoso	0%	0%	0%	0%	0%
March		Daboase	0%	0%	0%	0%	0%
March		Dadieso	0%	0%	0%	No Network	No Network
March		Enchi	0%	0%	0%	0%	No Network
March		Essam/Debiso	0%	0%	0%	0%	No Network
March		Half-Assini	0%	0%	0%	0%	No Network
March		Juaboso	0%	0%	0%	0%	No Network
March		Mpohor	0%	0%	0%	0%	0%
March		Nkroful	0%	0%	0%	0%	0
March		Sefwi Wiawso	0%	0%	0%	0%	No Network
March		Shama	0%	0%	0%	0%	0%
March		Takoradi	0%	0%	0%	0%	1%
March		Tarkwa	0%	0%	0%	0%	0%
March		Wassa Akropong	0%	0%	0%	0%	No Network
March	Ashanti	Agogo	0%	0%	0%	0%	0
March		Agona	0%	0%	0%	0%	0
March		Akumadan	0%	0%	0%	0%	0
March		Asiwa	0%	0%	0%	0%	No Network
March		Bekwai	0%	0%	0%	0%	0
March		Effiduase	0%	0%	0%	0%	0
March		Ejisu	0%	0%	0%	0%	0
March		Ejura	0%	0%	0%	0%	No Network
March		Foase	0%	0%	0%	0%	0
March		Fomena	0%	0%	0%	0%	No Network
March		Jacobi	0%	0%	0%	0%	0%
March		Juaben	0%	0%	0%	0%	0%
March		Juaso	0%	0%	0%	2%	0%
March		Kodie	1%	0%	0%	1%	0%
March		Konongo	0%	0%	0%	0%	0%
March		Kumasi	0%	0%	0%	0%	0%
March		Kumawu	0%	0%	0%	0%	0%
March		Kuntenase	0%	0%	0%	0%	0%
March		Mampong	0%	0%	0%	1%	0%
March		Mampong	0%	0%	0%	1%	0%
March		Mankranso	0%	0%	0%	0%	0
March		Manso Nkwanta	0%	0%	0%	0%	No Network

**QUALITY OF SERVICE (QoS) MONITORING REPORT – 1<sup>st</sup> Half, Year 2016**

Month		Town	MTN	Vodafone	Tigo	Airtel	Glo	
March		New Edubiase	0%	0%	0%	0%	0	
March		Nkawie	0%	0%	0%	0%	0	
March		Nsuta	0%	0%	0%	0%	No Network	
March		Nyinahin	0%	0%	0%	0%	No Network	
March		Obuasi	0%	0%	0%	0%	0	
March		Offinso	0%	0%	0%	0%	0	
March		Tepa	0%	0%	0%	0%	0	
April	Eastern	Abetifi	0%	0%	0%	0%	0%	
April		Akim Oda	0%	0%	0%	0%	0%	
April		Akim Swedru	0%	0%	0%	0%	0%	
April		Akropong	0%	0%	0%	0%	0%	
April		Asamankese	0%	0%	0%	0%	0%	
April		Asesewa	0%	0%	0%	0%	0%	
April		Atimpoku	0%	0%	0%	0%	No Network	
April		Begoro	0%	0%	0%	0%	No Network	
April		Donkorkrom	0%	0%	0%	0%	No Network	
April		Kade	0%	0%	0%	0%	No Network	
April		Koforidua	0%	0%	0%	0%	0%	
April		Kwabeng	0%	0%	0%	0%	0%	
April		Kyebi	0%	0%	0%	0%	No Network	
April		Mpraeso	0%	0%	0%	0%	0%	
April		New Abirem	0%	0%	0%	0%	No Network	
April		Nkawkaw	0%	0%	0%	0%	0%	
April		Nsawam	0%	0%	0%	0%	0%	
April		Odumase Krobo	0%	0%	0%	0%	0%	
April		Ofoase	0%	0%	0%	0%	No Network	
April		Somanya	0%	0%	0%	0%	0%	
April		Suhum	0%	0%	0%	0%	0%	
April		Volta	Adidome	0%	0%	0%	0%	0%
April			Akatsi	0%	6%	0%	0%	0%
April			Dambai	0%	0%	0%	0%	No Network
April	Denu		0%	0%	0%	0%	No Network	
April	Dzodze		0%	0%	0%	0%	0%	
April	Ho		0%	0%	0%	8%	0%	
April	Hohoe		0%	0%	0%	0%	No Network	
April	Jasikan		0%	0%	10%	0%	No Network	
April	Kadjebi		0%	0%	0%	0%	No Network	
April	Keta		0%	0%	0%	0%	0%	
April	Kete Krachi		0%	0%	0%	0%	No Network	

**QUALITY OF SERVICE (QoS) MONITORING REPORT – 1<sup>st</sup> Half, Year 2016**

April		Kpando	0%	0%	0%	0%	No Network
April		Kpasa	0%	0%	0%	0%	No Network
April		Kpetoe	0%	0%	0%	0%	0%
April		Kpeve	0%	0%	0%	0%	No Network
April		Nkonya Ahenkro	0%	0%	0%	0%	No Network
April		Nkwanta	0%	0%	0%	0%	No Network
April		Sogakope	0%	0%	0%	0%	No Network
April	Brong Ahafo	Kukuom	0%	0%	0%	0%	No Network
April		Goaso	0%	0%	0%	0%	0%
April		Kenyasi	0%	0%	0%	0%	No Network
April		Bechem	0%	0%	0%	0%	No Network
April		Duayaw Nkwanta	0%	0%	0%	0%	No Network
April		Sunyani	0%	0%	0%	0%	0%
April		Odumasi	0%	0%	0%	0%	0%
April		Berekum	0%	0%	0%	0%	0%
April		Wamfie	0%	0%	0%	0%	No Network
April		Dormaa Ahenkro	0%	0%	0%	0%	No Network
April		Drobo	0%	0%	0%	0%	No Network
April		Sampa	0%	0%	0%	0%	No Network
April		Nsawkwa	0%	0%	0%	0%	No Network
April		Wenchi	0%	0%	0%	0%	No Network
April		Techiman	0%	0%	0%	0%	0%
April		Kintampo	0%	0%	0%	0%	0%
April		Jema	0%	0%	0%	0%	No Network
April		Busunya	0%	0%	0%	0%	No Network
April		Nkoranza	0%	0%	0%	0%	No Network
April		Atebubu	0%	0%	0%	0%	No Network
April		Kwame Danso	0%	0%	0%	0%	No Network
April		Yeji	0%	0%	0%	0%	No Network
May		Central	Abura Dunkwa	0%	0%	0%	0%
May	Afransie		0%	0%	0%	0%	0%
May	Agona Swedru		0%	0%	0%	0%	0%
May	Ajumako		0%	0%	0%	0%	0%
May	Apam		0%	0%	0%	0%	0%
May	Assin Fosu		0%	0%	0%	0%	0%
May	Awutu Breku		0%	0%	0%	0%	0%
May	Breman Asikuma		0%	0%	0%	1%	0%



**QUALITY OF SERVICE (QoS) MONITORING REPORT – 1<sup>st</sup> Half, Year 2016**

May	Upper West	Cape Coast	0%	0%	2%	4%	0%
May		Dunkwa On-Offin	0%	0%	0%	0%	0%
May		Elmina	0%	0%	1%	1%	0%
May		Esakyir	0%	0%	0%	16%	0%
May		Kasoa	0%	0%	2%	1%	0%
May		Komenda	0%	0%	0%	0%	0%
May		Nsabaa	0%	0%	0%	0%	No Network
May		Nsuaem Kyekyewere	0%	0%	0%	0%	0%
May		Saltpond	0%	0%	0%	0%	0%
May		Twifo Hemang	0%	0%	0%	0%	No Network
May		Twifo Praso	0%	0%	0%	0%	No Network
May		Winneba	0%	0%	0%	0%	0%
May		Upper West	Funsi	0%	No Network	No Network	0%
May	Gwollu		0%	0%	0%	0%	No Network
May	Jirapa		0%	0%	0%	0%	No Network
May	Lambussie		0%	0%	0%	0%	No Network
May	Lawra		0%	0%	0%	0%	No Network
May	Nadowli		0%	0%	0%	0%	No Network
May	Tumu		0%	0%	0%	0%	No Network
May	Wa		0%	0%	0.00%	0%	1.00%
May	Wachiau		0%	0%	0%	0%	40.00%
May	Upper East	Bawku	0%	0%	0%	0%	No Network
May		Bolgatanga	0%	0%	0%	0%	0%
May		Bongo	0%	0%	0%	0%	No Network
May		Garu	0%	0%	0%	0%	No Network
May		Navrongo	0%	0%	0%	0%	No Network
May		Paga	0%	0%	0%	0%	No Network
May		Sandema	0%	0%	0%	0%	No Network
May		Tongo	0%	0%	0%	0%	0%
May		Zebilla	0%	0%	0%	0%	No Network

**QUALITY OF SERVICE (QoS) MONITORING REPORT – 1<sup>st</sup> Half, Year 2016**

**3. Call Drop Rate (CDR)**

Month	Region	Town	MTN	Vodafone	Tigo	Airtel	Glo
February	Greater Accra	Abokobi	0%	0%	0%	0%	0%
February		Accra	0%	0%	0%	0%	0%
February		Ashaiman	0%	0%	0%	0%	0%
February		Adenta	0%	0%	0%	0%	0.59%
February		Dodowa	0%	0%	0%	0%	0%
February		Gbawe	0%	0%	0%	0%	0%
February		Kpone	0%	0%	0%	0%	0%
February		La	0%	0%	0%	0%	0%
February		Madina	0%	0%	0%	0%	0%
February		Prampram	0%	0%	0%	0%	0%
February		Sege	0%	0%	0%	0%	0%
February		Sowutuom	0%	0%	0%	0%	0%
February		Tema	0%	0%	0%	0%	0%
February		Teshie-Nungua	0%	0%	0%	0%	0%
February		Northern	Bimbilla	0%	0%	No Network	0%
February	Bole		0%	0%	0%	0%	No Network
February	Bupe		0%	0%	0%	0%	No Network
February	Daboya		0%	0%	0%	No Network	No Network
February	Damongo		0%	0%	0%	0%	No Network
February	Gushegu		0%	0%	0%	0%	No Network
February	Karaga		0%	0%	0%	No Network	No Network
February	Kpandai		0%	0%	0%	0%	No Network
February	Kumbungu		0%	0%	0%	0%	No Network
February	Saboba		0%	0%	0%	0%	No Network
February	Sagnerigu		0%	0%	0%	0%	No Network
February	Salaga		0%	0%	0%	0%	No Network
February	Sang		0%	0%	0%	0%	No Network
February	Savelugu		0%	0%	0%	0%	No Network
February	Sawla		0%	0%	0%	0%	No Network
February	Tamale		0%	0%	0%	0%	0%
February	Tatale		0%	0%	0%	0%	No Network
February	Tolon		0%	0%	0%	0%	No Network
February	Wulensi		0%	0%	0%	0%	No Network
February	Yendi		0%	0%	0%	0%	No Network
February	Zabzugu	0%	0%	0%	0%	No Network	
March	Western	Agona Nkwanta	0%	0%	0%	0%	0%
March		Asankragwa	0%	0%	0%	0%	No Network
March		Akontombra	0%	0%	0%	0%	No Network
March		Axim	0%	0%	0%	0%	No Network

**QUALITY OF SERVICE (QoS) MONITORING REPORT – 1<sup>st</sup> Half, Year 2016**

March		Bibiani	0%	0%	0%	0%	No Network	
March		Bodi	0%	0%	0%	0%	No Network	
March		Bogoso	0%	0%	0%	0%	0%	
March		Daboase	0%	0%	0%	0%	0%	
March		Dadieso	0%	0%	0%	No Network	No Network	
March		Enchi	0%	0%	0%	0%	No Network	
March		Essam/Debiso	0%	0%	0%	0%	No Network	
March		Half-Assini	0%	0%	0%	0%	No Network	
March		Juaboso	0%	0%	0%	0%	No Network	
March		Mpohor	0%	0%	0%	0%	0%	
March		Nkroful	0%	0%	0%	0%	0%	
March		Sefwi Wiawso	0%	0%	0%	0%	No Network	
March		Shama	0%	0%	0%	0%	0%	
March		Takoradi	0%	0%	0%	0%	0%	
March		Tarkwa	0%	0%	0%	0%	0%	
March		Wassa Akropong	0%	0%	0%	0%	No Network	
March		Ashanti	Agogo	0%	0%	0%	0%	0%
March			Agona	0%	0%	0%	0%	0%
March			Akumadan	0%	0%	0%	0%	0%
March			Asiwa	0%	0%	0%	0%	No Network
March	Bekwai		0%	0%	0%	0%	0%	
March	Effiduase		0%	0%	0%	0%	0%	
March	Ejisu		0%	0%	0%	0%	0%	
March	Ejura		0%	0%	0%	0%	No Network	
March	Foase		0%	0%	0%	0%	0%	
March	Fomena		0%	0%	0%	0%	No Network	
March	Jacobu		0%	0%	0%	0%	0%	
March	Juaben		0%	0%	0%	0%	0%	
March	Juaso		0%	0%	0%	0%	0%	
March	Kodie		0%	0%	0%	0%	0%	
March	Konongo		0%	0%	0%	0%	0%	
March	Kumasi		0%	0%	0%	0%	0%	
March	Kumawu		0%	0%	0%	0%	0%	
March	Kuntense		0%	0%	0%	0%	0%	
March	Mampong		0%	0%	0%	0%	0%	
March	Mampong		0%	0%	0%	0%	0%	
March	Mampong	0%	0%	0%	0%	0%		
March	Mankranso	0%	0%	0%	0%	0%		
March	Manso Nkwanta	0%	0%	0%	0%	No Network		
March	New Edubiase	0%	0%	0%	0%	0%		

**QUALITY OF SERVICE (QoS) MONITORING REPORT – 1<sup>st</sup> Half, Year 2016**

March		Nkawie	0%	0%	0%	0%	0%
March		Nsuta	0%	0%	0%	0%	No Network
March		Nyinahin	0%	0%	0%	0%	No Network
March		Obuasi	0%	0%	0%	0%	0%
March		Offinso	0%	0%	0%	0%	0%
March		Tepa	0%	0%	0%	0%	0%
April	Eastern	Abetifi	0%	0%	0%	0%	0%
April		Akim Oda	0%	0%	0%	0%	0%
April		Akim Swedru	0%	0%	0%	0%	0%
April		Akropong	0%	0%	0%	0%	0%
April		Asamankese	0%	0%	0%	0%	0%
April		Asesewa	0%	0%	0%	0%	0%
April		Atimpoku	0%	0%	0%	0%	No Network
April		Begoro	0%	0%	0%	0%	No Network
April		Donkorkrom	0%	0%	0%	0%	No Network
April		Kade	0%	0%	0%	0%	No Network
April		Koforidua	0%	0%	0%	0%	0%
April		Kwabeng	0%	0%	0%	0%	0%
April		Kyebi	0%	0%	0%	0%	No Network
April		Mpraeso	0%	0%	0%	0%	0%
April		New Abirem	0%	0%	0%	0%	No Network
April		Nkawkaw	0%	0%	0%	0%	0%
April		Nsawam	0%	0%	0%	0%	0%
April		Odumase Krobo	0%	0%	0%	0%	0%
April		Ofoase	0%	0%	0%	0%	No Network
April		Somanya	0%	0%	0%	0%	0%
April		Suhum	0%	0%	0%	0%	0%
April		Volta	Adidome	0%	0%	0%	0%
April	Akatsi		0%	0%	0%	0%	0%
April	Dambai		0%	0%	0%	0%	No Network
April	Denu		0%	0%	0%	0%	No Network
April	Dzodze		0%	0%	0%	0%	0%
April	Ho		0%	0%	0%	0%	0%
April	Hohoe		0%	0%	0%	0%	No Network
April	Jasikan		0%	0%	0%	0%	No Network
April	Kadjebi		0%	0%	0%	0%	No Network
April	Keta		0%	0%	0%	0%	0%
April	Kete Krachi		0%	0%	0%	0%	No Network
April	Kpando		0%	0%	0%	0%	No Network

**QUALITY OF SERVICE (QoS) MONITORING REPORT – 1<sup>st</sup> Half, Year 2016**

April		Kpasa	0%	0%	0%	0%	No Network	
April		Kpetoe	0%	0%	0%	0%	0%	
April		Kpeve	0%	0%	0%	0%	No Network	
April		Nkonya Ahenkro	0%	0%	0%	0%	No Network	
April		Nkwanta	0%	0%	0%	0%	No Network	
April		Sogakope	0%	0%	0%	0%	No Network	
April	Brong Ahafo	Kukuom	0%	0%	0%	0%	No Network	
April		Goaso	0%	0%	0%	0%	0%	
April		Kenyasi	0%	0%	0%	0%	No Network	
April		Bechem	0%	0%	0%	0%	No Network	
April		Duayaw Nkwanta	0%	0%	0%	0%	No Network	
April		Sunyani	0%	0%	0%	0%	0%	
April		Odumasi	0%	0%	0%	0%	0%	
April		Berekum	0%	0%	0%	0%	0%	
April		Wamfie	0%	0%	0%	0%	No Network	
April		Dormaa Ahenkro	0%	0%	0%	0%	No Network	
April		Drobo	0%	0%	0%	0%	No Network	
April		Sampa	0%	0%	0%	0%	No Network	
April		Nsawkwa	0%	0%	0%	0%	No Network	
April		Wenchi	0%	0%	0%	0%	No Network	
April		Techiman	0%	0%	0%	0%	0%	
April		Kintampo	0%	0%	0%	0%	0%	
April		Jema	0%	0%	0%	0%	No Network	
April		Busunya	0%	0%	0%	0%	No Network	
April		Nkoranza	0%	0%	0%	0%	No Network	
April		Atebubu	0%	0%	0%	0%	No Network	
April		Kwame Danso	0%	0%	0%	0%	No Network	
April		Yeji	0%	0%	0%	0%	No Network	
May		Central	Abura Dunkwa	0%	0%	0%	0%	0%
May			Afransie	0%	0%	0%	0%	0%
May	Agona Swedru		0%	0%	0%	0%	0%	
May	Ajumako		0%	0%	0%	0%	0%	
May	Apam		0%	0%	0%	0%	0%	
May	Assin Fosu		0%	0%	0%	0%	0%	
May	Awutu Breku		0%	0%	0%	0%	0%	
May	Breman Asikuma		0%	0%	0%	0%	0%	
May	Cape Coast		0%	0%	0%	0%	0%	
May	Dunkwa On-		0%	0%	0%	0%	0%	

**QUALITY OF SERVICE (QoS) MONITORING REPORT – 1<sup>st</sup> Half, Year 2016**

		Offin					
May		Elmina	0%	0%	0%	0%	0%
May		Esakyir	0%	0%	0%	0%	0%
May		Kasoa	0%	0%	0%	0%	0%
May		Komenda	0%	0%	0%	0%	0%
May		Nsabaa	0%	0%	0%	0%	No Network
May		Nsuaem Kyekyewere	0%	0%	0%	0%	0%
May		Saltpond	0%	0%	0%	0%	0%
May		Twifo Hemang	0%	0%	0%	0%	No Network
May		Twifo Praso	0%	0%	0%	0%	No Network
May		Winneba	0%	0%	0%	0%	0%
May	Upper West	Funsi	0%	No Network	No Network	0%	No Network
May		Gwollu	0%	0%	0%	0%	No Network
May		Jirapa	0%	0%	0%	0%	No Network
May		Lambussie	0%	0%	0%	0%	No Network
May		Lawra	0%	0%	0%	0%	No Network
May		Nadowli	0%	0%	0%	0%	No Network
May		Tumu	0%	0%	0%	0%	No Network
May		Wa	0%	0%	0%	0%	0%
May		Wachiau	0%	0%	0%	0%	0%
May	Upper East	Bawku	0%	0%	0%	0%	No Network
May		Bolgatanga	0%	0%	0%	0%	0%
May		Bongo	0%	0%	0%	0%	No Network
May		Garu	0%	0%	0%	0%	No Network
May		Navrongo	0%	0%	0%	0%	No Network
May		Paga	0%	0%	0%	0%	No Network
May		Sandema	0%	0%	0%	0%	No Network
May		Tongo	0%	0%	0%	0%	0%
May		Zebilla	0%	0%	0%	0%	No Network

**4. Call Completion Rate (CCR)**

Month	Region	Town	MTN	Vodafone	Tigo	Airtel	Glo
February	Greater Accra	Abokobi	100%	100%	98.20%	92.70%	94.50%
February		Accra	100%	100%	100.0%	100.0%	99.40%
February		Ashaiman	100%	100%	93.80%	96.70%	96.50%
February		Adenta	97.90%	100%	98.80%	67.70%	85.30%
February		Dodowa	90.30%	100%	100%	100%	100%

**QUALITY OF SERVICE (QoS) MONITORING REPORT – 1<sup>st</sup> Half, Year 2016**

February		Gbawe	95.30%	80.00%	100%	78.20%	90.50%
February		Kpone	99.20%	100%	86.60%	94.70%	87.50%
February		La	100%	100%	100%	97.80%	77.80%
February		Madina	100%	96.90%	98.30%	92.10%	78.80%
February		Prampram	100%	100%	98.50%	89.10%	95.60%
February		Sege	100%	100%	100%	100%	83.30%
February		Sowutuom	96.10%	100%	98.80%	100%	89.60%
February		Tema	97.20%	99.30%	99.00%	98.00%	91.30%
February		Teshie-Nungua	100%	100%	99.00%	100%	84.70%
February	Northern	Bimbilla	98.44%	98.65%	No Network	98.44%	No Network
February		Bole	100%	100%	100%	98.59%	No Network
February		Bupe	100%	96.63%	100%	100	No Network
February		Daboya	100%	100%	100%	No Network	No Network
February		Damongo	100%	82.31%	80.33%	99.14%	No Network
February		Gushegu	100%	100%	98.08%	100%	No Network
February		Karaga	93.48%	100%	80%	No Network	No Network
February		Kpandai	100%	100%	100%	71.93%	No Network
February		Kumbungu	100%	100%	100%	75.58%	No Network
February		Saboba	97.96%	100%	100%	100%	No Network
February		Sagnerigu	98.83%	97.41%	99.51%	96.72%	No Network
February		Salaga	98.92%	99.07%	100%	96.15%	No Network
February		Sang	100%	100%	100%	100%	No Network
February		Savelugu	94.69%	27.27%	100%	99.10%	No Network
February		Sawla	100%	100%	100%	100%	No Network
February		Tamale	95.33%	96.42%	99.64%	93.04%	94.96%
February		Tatale	100%	100%	100%	100%	No Network
February		Tolon	100%	100%	100%	100%	No Network
February		Wulensi	100%	100%	100%	100%	No Network
February		Yendi	100%	100%	100%	89.83%	No Network
February	Zabzugu	56.90%	100%	91.49%	100%	No Network	
March	Western	Agona Nkwanta	97.50%	97.60%	79.00%	83.80%	99.00%
March		Asankragwa	98.40%	99.20%	89.00%	100%	No Network
March		Akontombra	100.0%	100.00%	94.80%	100%	No Network
March		Axim	100.0%	87.50%	87.30%	91.00%	No Network
March		Bibiani	99.00%	97.50%	89.60%	96.20%	No Network
March		Bodi	100.0%	97.60%	100.0%	96.40%	No Network
March		Bogoso	98.80%	93.50%	90.00%	82.40%	98.80%
March		Daboase	100.0%	92.00%	96.00%	88.30%	100.00%
March		Dadieso	97.50%	92.90%	96.00%	No Network	No Network



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March	Ashanti	Enchi	100.0%	91.50%	100%	99.00%	No Network
March		Essam/Debiso	99.00%	88.30%	93.80%	100%	No Network
March		Half-Assini	100%	94.40%	100.0%	100%	No Network
March		Juaboso	100%	99.00%	99.00%	98.00%	No Network
March		Mpohor	90.50%	98.70%	100%	100.0%	52.50%
March		Nkroful	89.20%	94.10%	100%	80.00%	No Network
March		Sefwi Wiawso	99.00%	82.00%	95.00%	92.20%	No Network
March		Shama	100.0%	98.60%	100.0%	98.70%	92.10%
March		Takoradi	99.00%	85.00%	96.00%	84.70%	76.80%
March		Tarkwa	96.90%	94.00%	78.00%	96.00%	97.30%
March		Wassa Akropong	94.00%	89.40%	92.10%	95.60%	No Network
March		Agogo	100%	100%	100%	96%	97%
March		Agona	100%	100%	94.74%	98.72%	92.31%
March		Akumadan	100%	100%	100%	97.33%	86.67%
March		Asiwa	94.12%	100%	100%	89.47%	No Network
March		Bekwai	54.55%	99.22%	100%	83.09%	92%
March		Effiduase	99%	96.26%	98.95%	97%	77.78%
March		Ejisu	60.61%	99.51%	98.51%	99.49%	88.79%
March		Ejura	98.94%	100%	90.29%	96.84%	No Network
March		Foase	100%	96.88%	90.63	82.35	71.88
March		Fomena	100%	96.43	100%	100	No Network
March		Jacobu	100%	100%	100%	98.08	100%
March		Juaben	63.64	98.46	100%	50.55%	77.78%
March		Juaso	100%	100%	98.18	92.86%	94.83%
March		Kodie	87.95%	97.44	94.08	81.55%	90.65%
March		Konongo	99.10%	100	100%	100%	80.22%
March		Kumasi	98.94%	97.49	94.05	98.34%	92.14%
March		Kumawu	100%	98.04	100%	100%	87.50%
March		Kuntense	95.65%	100%	95.56%	100%	100%
March		Mampong	100%	100%	96.40%	93.97%	83.50%
March		Mamponteng	81.82%	100%	91.74%	72.36%	88.79%
March		Mankranso	76.47%	100%	100%	76.67	72.73%
March		Manso Nkwanta	100%	100%	100%	100%	No Network
March	New Edubiase	100%	100%	100%	34.90%	85.11%	
March	Nkawie	62.26%	100%	98.95%	86.02%	67.65%	
March	Nsuta	61.29%	100%	93.75%	100%	No Network	
March	Nyinahin	28.76%	100%	100%	100%	No Network	
March	Obuasi	100%	100%	99.55%	99.55%	92.74%	

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March		Offinso	97.85%	100%	97.96%	76.40%	85.71%	
March		Tepa	66.32%	99%	100%	98.95%	86.36%	
April	Eastern	Abetifi	100%	100%	100%	100%	78.46%	
April		Akim Oda	100%	98.96%	100%	55.41%	95.39%	
April		Akim Swedru	100%	100%	97.96%	94.12%	100%	
April		Akropong	98.63%	98.70%	98.67%	98.67%	72.41%	
April		Asamankese	96.20%	100%	100%	78.79%	89.29%	
April		Asesewa	100%	100%	100%	100%	78.46%	
April		Atimpoku	100%	100%	100%	100%	No Network	
April		Begoro	100%	100%	100%	100%	No Network	
April		Donkorkrom	100%	82.89%	98.21%	100%	No Network	
April		Kade	100%	100%	98.82%	59.29%	No Network	
April		Koforidua	98.96%	98.96%	96.95%	98.82%	89.67%	
April		Kwabeng	100%	100%	96.77%	98.41%	78.46%	
April		Kyebi	100%	100%	98.80%	100%	No Network	
April		Mpraeso	92%	98.08%	100%	100%	94.23%	
April		New Abirem	100%	100%	100%	94.64%	No Network	
April		Nkawkaw	100%	100%	100%	98.02%	90.74%	
April		Nsawam	97.40%	100%	93.67%	95.06%	83.72%	
April		Odumase Krobo	98.48%	100%	96.88%	100%	91.18%	
April		Ofoase	100%	98.41%	79.17%	98.41%	No Network	
April		Somanya	97.87%	94.50%	100%	100%	94.19%	
April		Suhum	100%	100%	98.85%	100%	50%	
April		Volta	Adidome	97%	95%	100%	100%	55%
April			Akatsi	82.00%	87%	100%	100%	74%
April			Dambai	100%	100%	100%	86%	No Network
April			Denu	100%	92%	75%	100%	No Network
April			Dzodze	98.60%	95%	100%	100%	33%
April	Ho		96%	84%	99%	68%	85%	
April	Hohoe		100%	90%	98%	100%	No Network	
April	Jasikan		100%	100%	45%	100%	No Network	
April	Kadjebi		100%	100%	96%	98.10%	No Network	
April	Keta		100%	98%	100%	100%	14%	
April	Kete Krachi		96%	88%	100%	93%	No Network	
April	Kpando		81.80%	93%	98%	100%	No Network	
April	Kpasa		75%	100%	100%	100%	No Network	
April	Kpetoe		97%	84%	100%	100%	6%	
April	Kpeve		100%	100%	98%	97%	No Network	
April	Nkonya Ahenkro		100%	75%	97%	100%	No Network	

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April	Brong Ahafo	Nkwanta	100%	88%	100%	97%	No Network	
April		Sogakope	64%	91%	100%	100%	No Network	
April		Kukuom	99.02%	100%	98.70%	100%	No Network	
April		Goaso	98.81%	97.44%	98.77%	100%	100%	
April		Kenyasi	98.25%	96.55%	98.28%	100%	No Network	
April		Bechem	98.53%	95.77%	95.52%	100%	No Network	
April		Duayaw Nkwanta	98.63%	98.68%	97.22%	98.63%	No Network	
April		Sunyani	99.53%	95.56%	83.04%	99.06%	95.52%	
April		Odumasi	98.46%	100%	96.97%	100%	98.46%	
April		Berekum	94.32%	100%	100%	94.32%	90.22%	
April		Wamfie	100%	100%	100%	100%	No Network	
April		Dormaa Ahenkro	100%	97.73%	100%	89.13%	No Network	
April		Drobo	100%	100%	95.80%	100%	No Network	
April		Sampa	100%	98.31%	88.33%	100%	No Network	
April		Nsawkwa	100%	100%	100%	100%	No Network	
April		Wenchi	98.61%	100%	80.22%	93.06%	No Network	
April		Techiman	100%	98.63%	100%	98.57%	82.35%	
April		Kintampo	100%	97.77%	100%	98.84%	94.06%	
April		Jema	100%	100%	100%	100%	No Network	
April		Busunya	100%	100%	92.50%	100%	No Network	
April		Nkoranza	100%	98.39%	100%	100%	No Network	
April		Atebubu	100%	100%	100%	96.61%	No Network	
April		Kwame Danso	100%	97.96%	97.18%	88.52%	No Network	
April		Yeji	100%	100%	100%	94.12%	No Network	
May		Central	Abura Dunkwa	100%	100%	100%	93.00%	92.60%
May			Afransie	100%	100%	98.00%	100%	90.90%
May	Agona Swedru		82.20%	61.15%	92.6.0%	70.20%	89.20%	
May	Ajumako		96.60%	94.82%	100%	33.30%	100%	
May	Apam		75.80%	96.55%	100%	100%	83.70%	
May	Assin Fosu		99.00%	81.87%	85.90%	80.80%	96.70%	
May	Awutu Breku		94.50%	88.88%	98.60%	41.50%	67.70%	
May	Breman Asikuma		97.40%	96.10%	100%	93.00%	13.90%	
May	Cape Coast		95.60%	92.43%	64.50%	85.50%	83.90%	
May	Dunkwa On-Offin		90.90%	89.90%	77.00%	99.50%	43.10%	
May	Elmina		83.00%	88.83%	62.90%	83.30%	71.40%	
May	Esakyir		100%	69.04%	22.40%	58.00%	88.40%	

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May		Kasoa	87.30%	82.58%	69.50%	60.60%	91.20%
May		Komenda	100%	97.05%	40.70%	100.00%	94.60%
May		Nsabaa	97.90%	93.00%	100%	98.20%	No Network
May		Nsuaem Kyekyewere	100%	100%	100%	83.70%	88.20%
May		Saltpond	100%	100%	67.70%	100%	100%
May		Twifo Hemang	97.10%	64.86%	89.10%	99.00%	No Network
May		Twifo Praso	99.40%	93.02%	88.90%	85.60%	No Network
May		Winneba	96.90%	88.95%	94.60%	73.80%	93.10%
May		Upper West	Funsi	100%	No Network	No Network	100%
May	Gwollu		100%	100%	94.12%	76.92%	No Network
May	Jirapa		100%	100%	98.63%	12.50%	No Network
May	Lambussie		94.87%	100%	97.37%	92.11%	No Network
May	Lawra		100%	98.18%	100%	98.04%	No Network
May	Nadowli		100%	100%	100%	59.52%	No Network
May	Tumu		98.82%	98.88%	100%	100%	No Network
May	Wa		100%	99.49%	97.07%	83.75%	88.96
May	Wachiau		100%	100%	92.00%	100%	40.00%
May	Upper East	Bawku	96.88%	100%	100%	89.06%	No Network
May		Bolgatanga	99.71%	95.39%	98.79%	92.61%	85.00%
May		Bongo	97.78%	97.87%	100%	72.09%	No Network
May		Garu	98.53%	94.29%	98.15%	98.67%	No Network
May		Navrongo	100%	100%	100%	85.50%	No Network
May		Paga	97.22%	100%	96.88%	81.48%	No Network
May		Sandema	97.37%	100%	100%	100%	No Network
May		Tongo	100%	100%	98.04%	68.75%	100.00%
May		Zebilla	100%	100%	100%	89.16%	No Network

**5. Call Setup Time (CST)**

Month	Region	Town	MTN	Vodafone	Tigo	Airtel	Glo
February	Greater Accra	Abokobi	9.87sec	2.92sec	5.23sec	4.99sec	16.4sec
February		Accra	8.88sec	3.38sec	12.15sec	7.54sec	9.31sec
February		Ashaiman	8.02sec	3.79sec	6.33sec	7.66sec	7.57sec
February		Adenta	9.96sec	3.03sec	6.18sec	12.62sec	14.87sec
February		Dodowa	12.78sec	2.13sec	6.40sec	10.00sec	28.97sec
February		Gbawe	9.49sec	2.08sec	13.55sec	12.94sec	10.00sec

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February		Kpone	9.32sec	2.80sec	5.91sec	7.78sec	9.77sec	
February		La	7.79 sec	3.00sec	5.66sec	11.39sec	16.45sec	
February		Madina	8.91sec	4.1sec	6.11sec	8.24sec	7.20sec	
February		Prampram	9.54sec	2.38sec	5.77sec	12.89sec	13.31sec	
February		Sege	4.97sec	3.61sec	6.60sec	11.94sec	21.22sec	
February		Sowutuom	9.78sec	3.17sec	6.44sec	11.89sec	6.41sec	
February		Tema	10.00sec	3.26sec	6.00sec	11.89sec	8.86sec	
February		Teshie-Nungua	7.26sec	2.12 sec	2.16sec	11.23sec	19.15sec	
February	Northern	Bimbilla	6.18sec	3.77sec	No Network	6.21sec	No Network	
February		Bole	6.11sec	4.74sec	5.49sec	12.14sec	No Network	
February		Bupe	6.12sec	5.27sec	8.18sec	5.56sec	No Network	
February		Daboya	5.52sec	6.06sec		7.54sec	No Network	
February		Damongo	8.45sec	5.19sec	12.498sec	9.63sec	No Network	
February		Gushegu	7.33sec	3.36sec	13.14sec	7.52sec	No Network	
February		Karaga	9.74sec	7.44sec	13.81sec	No Network	No Network	
February		Kpandai	4.59sec	5.79sec	14.78sec	5.35sec	No Network	
February		Kumbungu	6.93sec	6.84sec	9.27sec	11.82sec	No Network	
February		Saboba	4.27sec	3.14sec	7.1sec	7.11sec	No Network	
February		Sagnerigu	8.55sec	7.86sec	12.56sec	12.298sec	No Network	
February		Salaga	6.96sec	4.49sec	13.19sec	16.82sec	No Network	
February		Sang	5.79sec	6.13sec	6.72sec	5.81sec	No Network	
February		Savelugu	10.42sec	3.04sec	9.498sec	7.54sec	No Network	
February		Sawla	5.898sec	4.92sec	5.03sec	6.32sec	No Network	
February		Tamale	9.26sec	9.83sec	14.93sec	13.29sec	7.35sec	
February		Tatale	9.39sec	6.2sec	6.42sec	5.77sec	No Network	
February		Tolon	4.044sec	7.27sec	6.98sec	5.92sec	No Network	
February		Wulensi	4.38sec	4.34sec	9.55sec	6.53sec	No Network	
February		Yendi	9.25sec	6.3sec	10.18sec	13.17sec	No Network	
February		Zabzugu	14.33sec	3.79sec	9.497sec	12.05sec	No Network	
March		Western	Agona Nkwanta	4.99sec	9.10sec	12.42sec	10.10sec	4.80sec
March			Asankragwa	6.65sec	5.47sec	5.90sec	7.00sec	No Network
March	Akontombra		5.20sec	8.30sec	5.80sec	5.60sec	No Network	
March	Axim		8.20sec	13.00sec	6.80sec	16.10sec	No Network	
March	Bibiani		6.40sec	8.30sec	11.00sec	7.10sec	No Network	
March	Bodi		6.20sec	10.30sec	6.50sec	6.80sec	No Network	
March	Bogoso		8.80sec	12.00sec	10.00sec	16.80sec	6.46sec	
March	Daboase		5.00sec	8.20sec	8.02sec	16.30sec	18.50sec	
March	Dadieso		6.28sec	12.50sec	6.60sec	No Network	No Network	
March	Enchi		8.00sec	10.40sec	5.70sec	6.00sec	No Network	
March	Essam/Debiso		9.90sec	15.70sec	5.80sec	7.30sec	No Network	

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March		Half-Assini	8.00sec	12.08sec	5.90sec	6.30sec	No Network
March		Juaboso	7.00sec	9.35sec	6.20sec	10.3sec	No Network
March		Mpohor	5.80sec	3.51sec	6.70sec	7.20sec	10.90sec
March		Nkroful	5.00sec	3.69sec	6.70sec	12.00sec	No Network
March		Sefwi Wiawso	7.00sec	18.00sec	6.60sec	11.90sec	No Network
March		Shama	6.10sec	6.80sec	5.70sec	15.50sec	9.10sec
March		Takoradi	8.40sec	13.10sec	8.02sec	16.64sec	17.40sec
March		Tarkwa	8.00sec	14.30sec	6.70sec	12.00sec	6.80sec
March		Wassa Akropong	8.90sec	12.70sec	6.70sec	16.40sec	No Network
March	Ashanti	Agogo	8.37sec	2.36sec	6.46sec	6.23sec	7.81sec
March		Agona	8.23sec	2.11sec	7.25sec	6.72sec	20.81sec
March		Akumadan	7.28sec	2.11sec	6.32sec	6.52sec	22.72sec
March		Asiwa	6.53sec	2.14sec	6.48sec	8.87sec	No Network
March		Bekwai	8.75sec	2.36sec	8.92sec	7.56	12.07sec
March		Effiduase	8.98sec	3.11sec	7.72sec	12.14	7.45sec
March		Ejisu	7.29sec	3sec	5.47sec	7.16sec	10.63sec
March		Ejura	6.64sec	2.17sec	9.09sec	11.83sec	No Network
March		Foase	8.02sec	4.48sec	9.75sec	14.43sec	22.57sec
March		Fomena	8.99sec	2.1sec	6.21sec	5.41sec	No Network
March		Jacobu	8.53sec	3.29sec	7.12sec	5.02sec	8.66sec
March		Juaben	7.37sec	3.45sec	6.2sec	6.85sec	20.25sec
March		Juaso	6.32sec	2.21sec	5.37sec	9.31sec	6.39sec
March		Kodie	8.05sec	3.55sec	8.94sec	13.2sec	12.54sec
March		Konongo	8.87sec	2.33sec	8.54sec	9.74sec	19.23sec
March		Kumasi	8.03sec	7.13sec	7.32sec	11.55sec	7.52sec
March		Kumawu	8.59sec	2.3sec	5.63sec	5.63sec	12.84sec
March		Kuntense	9.92sec	2.36sec	10.77sec	10.64sec	6.17sec
March		Mampong	7.71sec	2.39sec	7.51sec	12.07sec	9.33sec
March		Mamponteng	8.58sec	3.09sec	11.59sec	12.41sec	19.78sec
March		Mankranso	8.65sec	3.24sec	8.72sec	6.05sec	25.37sec
March		Manso Nkwanta	5.51sec	2.17sec	8.91sec	6.32sec	No Network
March		New Edubiase	6.61sec	3.01sec	8.6sec	11.99sec	21.81sec
March		Nkawie	7.63sec	2.19sec	8.58sec	12.82sec	22.84sec
March		Nsuta	6.3sec	2.54sec	6.26sec	11.78sec	No Network
March		Nyinahin	6.06sec	2.21sec	5.18sec	5.81sec	No Network
March		Obuasi	8.56sec	3.16sec	6.18sec	6.64sec	9.29sec
March		Offinso	7.94sec	3sec	6.84sec	11.31sec	7.51sec
March		Tepa	8.45sec	3.07sec	6.62sec	11.45sec	20.62sec



**QUALITY OF SERVICE (QoS) MONITORING REPORT – 1<sup>st</sup> Half, Year 2016**

April	Eastern	Abetifi	8.32sec	4.33sec	6.44sec	6.67sec	19.73sec	
April		Akim Oda	7.08sec	4.83sec	6.3sec	13.02sec	4.14sec	
April		Akim Swedru	5.82sec	2.29sec	6.37sec	5.48sec	8.05sec	
April		Akropong	9.73sec	4.8sec	7.53sec	11.91sec	23.24sec	
April		Asamankese	7.31sec	5.41sec	9.72sec	12.05sec	14.54sec	
April		Asesewa	9.42sec	3.96sec	4.55sec	7.15sec	7.92sec	
April		Atimpoku	9.73sec	3.86sec	9.06sec	15.32sec	No Network	
April		Begoro	8.07sec	4.09sec	6.17sec	6.69sec	No Network	
April		Donkorkrom	5.85sec	12.82sec	5.95sec	5.64sec	No Network	
April		Kade	8.68sec	4.55sec	13.06sec	13.06sec	No Network	
April		Koforidua	10.3sec	5.26sec	6.69sec	11.24sec	8.51sec	
April		Kwabeng	6.03sec	4.19sec	6.36sec	5.45sec	19.86sec	
April		Kyebe	8.19sec	4.71sec	5.85sec	5.09sec	No Network	
April		Mpraeso	7.99sec	9.69sec	4.82sec	5.74sec	7.82sec	
April		New Abirem	7.93sec	6.02sec	6.83sec	11.63sec	No Network	
April		Nkawkaw	8.56sec	5.07sec	8.82sec	11.32sec	9.21sec	
April		Nsawam	7.73sec	4.36sec	24.74sec	12.23sec	7.91sec	
April		Odumase Krobo	10.04sec	6.19sec	9.05sec	11.64sec	8sec	
April		Ofoase	6.16sec	4.72sec	9.89sec	6.82sec	No Network	
April		Somanya	8.63sec	5.03sec	6.00sec	10.97sec	8.44sec	
April		Suhum	8.61sec	4.56sec	5.58sec	8.9sec	17.71sec	
April		Volta	Adidome	9.2Sec	4.5Sec	7.3Sec	6.6Sec	9.6Sec
April			Akatsi	8.1Sec	13.2Sec	6.6Sec	6.5Sec	9.1Sec
April			Dambai	6.3Sec	3.0Sec	6.7Sec	5.2Sec	No Network
April	Denu		7.4Sec	12.2Sec	6.1Sec	15.5Sec	No Network	
April	Dzodze		7.6Sec	18.4Sec	6.6Sec	5.4Sec	13.3Sec	
April	Ho		7.7Sec	17Sec	7.3Sec	16.2Sec	5.89Sec	
April	Hohoe		7.3Sec	14.9Sec	6.8Sec	6.2Sec	No Network	
April	Jasikan		7.8Sec	4.8Sec	6.1Sec	6.1Sec	No Network	
April	Kadjebi		6.1Sec	7.9Sec	6.5Sec	5Sec	No Network	
April	Keta		7.2Sec	8.7Sec	6.7Sec	5.5Sec	28.6Sec	
April	Kete Krachi		4.5Sec	16.8Sec	8.8Sec	6.9Sec	No Network	
April	Kpando		8.7Sec	15Sec	8Sec	5.9Sec	No Network	
April	Kpasa		7.1Sec	8.8Sec	7Sec	5.8Sec	No Network	
April	Kpetoe		6.3Sec	17Sec	6.7Sec	6.1Sec	28.0Sec	
April	Kpeve		5.9Sec	2.7Sec	6.9Sec	4.8Sec	No Network	
April	Nkonya Ahenkro		4.4Sec	14.5Sec	7.5Sec	4.7Sec	No Network	
April	Nkwanta		7.9Sec	6.0Sec	7.8Sec	5.5Sec	No Network	



**QUALITY OF SERVICE (QoS) MONITORING REPORT – 1<sup>st</sup> Half, Year 2016**

April		Sogakope	7.8Sec	15.6Sec	6.5Sec	5.3Sec	No Network	
April	Brong Ahafo	Kukuom	5.77sec	3.92sec	8.29sec	4.85sec	No Network	
April		Goaso	8.10sec	5.49sec	8.45sec	7.30sec	7.39sec	
April		Kenyasi	7.87sec	7.37sec	11.51sec	5.52sec	No Network	
April		Bechem	6.72sec	6.79sec	7.51sec	5.79sec	No Network	
April		Duayaw Nkwanta	8.05sec	6.08sec	6.29sec	6.26sec	No Network	
April		Sunyani	8.65sec	8.51sec	7.78sec	13.73sec	7.87sec	
April		Odumasi	8.58sec	7.91sec	7.25sec	10.89sec	7.58sec	
April		Berekum	7.88sec	10.07sec	8.92sec	14.29sec	7.38sec	
April		Wamfie	8.60sec	4.79sec	6.78sec	5.33sec	No Network	
April		Dormaa Ahenkro	7.73sec	8.91sec	12.25sec	17.79sec	No Network	
April		Drobo	6.92sec	5.24sec	12.32sec	5.26sec	No Network	
April		Sampa	8.32sec	5.37sec	11.07sec	7.05sec	No Network	
April		Nsawkwa	3.98sec	4.15sec	5.04sec	8.52sec	No Network	
April		Wenchi	7.34sec	7.81sec	10.23sec	11.97sec	No Network	
April		Techiman	8.03sec	8.47sec	7.96sec	11.19sec	6.78sec	
April		Kintampo	7.34sec	4.12sec	8.14sec	7.04sec	4.87sec	
April		Jema	4.94sec	3.01sec	5.36sec	4.97sec	No Network	
April		Busunya	7.45sec	3.21sec	8.97sec	5.06sec	No Network	
April		Nkoranza	6.83sec	4.09sec	8.16sec	7.19sec	No Network	
April		Atebubu	6.79sec	3.36sec	7.25sec	11.84sec	No Network	
April		Kwame Danso	6.54sec	11.84sec	12.38sec	6.78sec	No Network	
April		Yeji	6.74sec	3.76sec	10.72sec	5.84sec	No Network	
May		Central	Abura Dunkwa	5.96sec	3.12sec	6.13sec	6.8sec	8.3sec
May			Afransie	8.44sec	3.35sec	5.3sec	4.9sec	10.7sec
May			Agona Swedru	9.21sec	13.79sec	5.4sec	16.3sec	17.3sec
May	Ajumako		4.98sec	14.87sec	4.6sec	14.6sec	4.1sec	
May	Apam		8.69sec	10.37sec	6.5sec	5sec	13.86sec	
May	Assin Fosu		8.67sec	14.13sec	14.4sec	16.2sec	8.2sec	
May	Awutu Breku		6.15sec	13.63sec	6.8sec	12.7sec	9.7sec	
May	Breman Asikuma		9.84sec	10.11sec	5.8sec	14.9sec	8.9sec	
May	Cape Coast		8.52sec	13.14sec	28.2sec	10.6sec	8.9sec	
May	Dunkwa On-Offin		9.15sec	14.3sec	29.2sec	9.8sec	12.6sec	
May	Elmina		8.98sec	15.09sec	30.7sec	16.9sec	10.4sec	
May	Esakyir		7.24sec	12.49sec	6.3sec	14.9sec	7.4sec	
May	Kasoa		8.88sec	15.41sec	14.7sec	17.1sec	10.1sec	
May	Komenda		4.15sec	11.95sec	31.1sec	7.6sec	7.4sec	
May	Nsabaa		4.18sec	6.78sec	3.9sec	5.1sec	No Network	
May	Nsuaem		5.93sec	2.88sec	6.3sec	5sec	8.6sec	

**QUALITY OF SERVICE (QoS) MONITORING REPORT – 1<sup>st</sup> Half, Year 2016**

		Kyekyewere					
May		Saltpond	9.39sec	5.69sec	19.6sec	5.7sec	6.6sec
May		Twifo Hemang	6.35sec	12.87sec	6.6sec	6.6sec	No Network
May		Twifo Praso	8.87sec	11.44sec	6.7sec	16.1sec	No Network
May		Winneba	12.24sec	16.67sec	6.5sec	14.7sec	7.2sec
May	Upper West	Funsi	7.14secs	No Network	No Network	5.10secs	No Network
May		Gwollu	6.12secs	3.09secs	5.69secs	13.65secs	No Network
May		Jirapa	8.57secs	4.73secs	6.32secs	15.68secs	No Network
May		Lambussie	6.93secs	3.62secs	9.60secs	13.92secs	No Network
May		Lawra	6.14secs	4.15secs	8.14secs	6.13secs	No Network
May		Nadowli	6.62secs	15.79secs	6.40secs	13.56secs	No Network
May		Tumu	6.40secs	4.82secs	9.73secs	9.76secs	No Network
May		Wa	8.44secs	6.06secs	8.32secs	15.66secs	9.92secs
May		Wachiau	9.30secs	3.72secs	5.09secs	5.75secs	4.92secs
May	Upper East	Bawku	7.67secs	5.21secs	8.01secs	14.77secs	No Network
May		Bolgatanga	8.44secs	6.60secs	9.53secs	10.79secs	18.14secs
May		Bongo	7.39secs	3.96secs	9.34secs	14.19secs	No Network
May		Garu	8.20secs	4.15secs	7.92secs	9.85secs	No Network
May		Navrongo	8.53secs	5.05secs	9.42secs	10.09secs	No Network
May		Paga	6.95secs	3.51secs	13.26secs	11.64secs	No Network
May		Sandema	8.51secs	3.68secs	8.23secs	8.46secs	No Network
May		Tongo	6.68secs	5.14secs	9.14secs	13.76secs	18.23secs
May		Zebilla	6.55secs	3.65secs	9.31secs	14.05secs	No Network

**APPENDIX II**

**Mobile Data Results- Districts**

**1. Data Access Success Rate (DASR)**

Month	Region	District	MTN	Vodafone	Tigo	Airtel	Glo
February	Greater Accra	Abokobi	100%	100%	100%	100%	100%
February		Accra	100%	99%	100%	100%	100%
February		Adenta	100%	100%	100%	100%	100%
February		Amasaman	100%	100%	100%	100%	100%
February		Ashiaman	100%	100%	100%	96.29%	100%
February		Dodowa	100%	100%	100%	100%	100%
February		Kpone	100%	98%	100%	100%	100%
February		Madina	100%	100%	100%	95.45%	100%
February		Prampram	100%	100%	100%	91.17%	100%

**QUALITY OF SERVICE (QoS) MONITORING REPORT – 1<sup>st</sup> Half, Year 2016**

February		Sowotuum	100%	100%	100%	100%	100%
February		Tema	100%	100%	100%	85.71%	100%
February		Teshie-Nungua	100%	100%	100%	93.54%	100%
March	Western	Agona Nkwanta	100%	100%	100%	100%	100%
March		Asankragwa	100%	100%	100%	100%	No 3G Coverage
March		Bibiani	100%	100%	100%	95%	No 3G Coverage
March		Bogoso	100%	100%	100%	100%	No 3G Coverage
March		Daboase	100%	100%	100%	100%	No 3G Coverage
March		Dadieso	100%	100%	No 3G Coverage	No 3G Coverage	No 3G Coverage
March		Enchi	100%	100%	100%	100%	No 3G Coverage
March		Essam/Debis o	100%	100%	100%	100%	No 3G Coverage
March		Half-Assini	100%	100%	100%	100%	No 3G Coverage
March		Juaboso	100%	100%	100%	96.49%	No 3G Coverage
March		Nkroful	100%	100%	No 3G Coverage	100%	No 3G Coverage
March		Sefwi Akontombra	100%	100%	97.50%	100%	No 3G Coverage
March		Shama	99.37%	100%	100%	100%	No 3G Coverage
March		Takoradi	99.81%	100%	100%	99.32%	100%
March		Tarkwa	100%	100%	100%	100%	No 3G Coverage
March		Wassa Akropong	100%	100%	100%	100%	No 3G Coverage
March	Ashanti	Agogo	100%	100%	No 3G Coverage	100%	100%
March		Agona	100%	100%	100%	100%	100%
March		Akumadan	100%	100%	100%	77.78%	No 3G Coverage
March		Asiwa	100%	100%	No 3G Coverage	100%	No 3G Coverage
March		Bekwai	100%	100%	No 3G Coverage	100%	100%
March		Effiduase	98.33%	100%	100%	100%	100%
March		Ejisu	100%	100%	100%	100%	98.15%
March		Ejura	100%	100%	100%	100%	No 3G Coverage

**QUALITY OF SERVICE (QoS) MONITORING REPORT – 1<sup>st</sup> Half, Year 2016**

March		Foase	100%	100%	No 3G Coverage	No 3G Coverage	No 3G Coverage
March		Fomena	100%	100%	100%	100%	No 3G Coverage
March		Jacobu	100%	100%	100%	100%	No 3G Coverage
March		Juaben	100%	100%	100%	100%	100%
March		Juaso	100%	94.47%	100%	100%	100%
March		Kodie	100%	100%	84.21%	100%	100%
March		Konongo	100%	100%	100%	100%	100%
March		Kumasi	100%	100%	100%	96.59%	100%
March		Kumawu	100%	100%	100%	100%	No 3G Coverage
March		Kuntense	100%	100%	100%	100%	100%
March		Mamong	100%	100%	100%	95.12%	100%
March		Mamponteng	100%	100%	100%	97.44%	100%
March		Mankranso	100%	100%	No 3G Coverage	100%	No 3G Coverage
March		Manso Nkwanta	100%	100%	No 3G Coverage	100%	No 3G Coverage
March		New Edubiase	100%	100%	100%	100%	No 3G Coverage
March		Nkawie	100%	100%	94.44%	No 3G Coverage	100%
March		Nsuta	100%	100%	100%	95.56%	No 3G Coverage
March		Nyinahin	100%	100%	100%	100%	No 3G Coverage
March		Obuasi	100%	100%	100%	100%	99.5%
March		Offinso	100%	100%	100%	100%	100%
March	Tepa	100%	100%	100%	100%	No 3G Coverage	
April	Eastern	Abetifi	100%	100%	100%	100%	No 3G Coverage
April		Akim Oda	100%	100%	100%	100%	100%
April		Akim Swedru	100%	100%	No 3G Coverage	90.91%	100%
April		Akropong	100%	100%	100%	93.49%	100%
April		Asamankese	100%	100%	100%	100%	No 3G Coverage
April		Asesewa	100%	100%	100%	94.00%	No 3G Coverage
April		Atimpoku	100%	100%	No 3G Coverage	100%	No 3G Coverage
April		Begoro	100%	100%	100%	100%	No 3G Coverage

**QUALITY OF SERVICE (QoS) MONITORING REPORT – 1<sup>st</sup> Half, Year 2016**

April	Volta	Donkorkrom	100%	100%	100%	100%	No 3G Coverage
April		Kade	100%	100%	No 3G Coverage	100%	No 3G Coverage
April		Koforidua	100%	100%	100%	91.00%	100%
April		Kwabeng	100%	100%	100%	100%	No 3G Coverage
April		Kyebi	100%	100%	100%	100%	No 3G Coverage
April		Mpraeso	100%	100%	100%	100%	98.65%
April		New Abirem	100%	100%	No 3G Coverage	100%	No 3G Coverage
April		Nkawkaw	100%	100%	100%	100%	100%
April		Nsawam	100%	100%	100%	91.18%	100%
April		Odumase Krobo	100%	97.22%	No 3G Coverage	94.00%	No 3G Coverage
April		Ofoase	100%	100%	100%	100%	No 3G Coverage
April		Somanya	100%	100%	100%	93.88%	No 3G Coverage
April		Suhum	100%	100%	100%	100%	100%
April		Volta	Adidome	100%	100%	98%	100%
April	Dambai		100%	99%	100%	No 3G Coverage	No 3G Coverage
April	Ho		99%	98%	99%	100%	98.30%
April	Hohoe		100%	100%	100%	No 3G Coverage	No 3G Coverage
April	Kpando		99%	100%	99%	No 3G Coverage	No 3G Coverage
April	Kpetoe		100%	100%	100%	No 3G Coverage	No 3G Coverage
April	Nkwanta		99%	100%	100%	100%	No 3G Coverage
April	Sogakope		100%	100%	100%	100%	100%
April	Brong Ahafo	Atebubu	100%	100%	No 3G Coverage	100%	No 3G Coverage
April		Bechem	100%	No 3G Coverage	100%	95.35%	No 3G Coverage
April		Busunya	100%	100%	100%	100%	No 3G Coverage
April		Dormaa Ahenkro	100%	100%	100%	No 3G Coverage	No 3G Coverage
April		Drobo	100%	100%	100%	97.82%	No 3G Coverage
April		Duayaw Nkwanta	100%	100%	100%	100%	No 3G Coverage

**QUALITY OF SERVICE (QoS) MONITORING REPORT – 1<sup>st</sup> Half, Year 2016**

April		Goaso	100%	100%	100%	100%	No 3G Coverage
April		Jema	100%	100%	100%	100%	No 3G Coverage
April		Kenyasi	100%	100%	100%	100%	No 3G Coverage
April		Kintampo	100%	100%	100%	100%	100%
April		Kukuom	100%	100%	100%	100%	No 3G Coverage
April		Kwame Danso	100%	100%	100%	100%	No 3G Coverage
April		Nkoranza	100%	100%	100%	100%	No 3G Coverage
April		Nsawkwa	100%	100%	100%	97.06%	No 3G Coverage
April		Odumasi	100%	100%	100%	100%	No 3G Coverage
April		Sampa	100%	100%	100%	100%	No 3G Coverage
April		Sunyani	100%	100%	100%	100%	100%
April		Techiman	100%	100%	100%	100%	100%
April		Wamfie	100%	100%	100%	100%	No 3G Coverage
April		Wenchi	100%	100%	100%	100%	No 3G Coverage
April		Yeji	100%	100%	100%	100%	No 3G Coverage
May	Central Region	Ajumako	100%	100%	99%	100%	No 3G Coverage
May		Apam	100%	100%	100%	100%	No 3G Coverage
May		Cape Coast	100%	100%	100%	100%	100%
May		Dunkwa On-Offin	100%	100%	100%	100%	100%
May		Elmina	100%	100%	100%	99%	97.22%
May		Essakyir	No 3G Coverage	No 3G Coverage	No 3G Coverage	No 3G Coverage	No 3G Coverage
May		Nsuaem Kyekyewere	100%	100%	100%	No 3G Coverage	No 3G Coverage
May		Twifo Hemang	100%	100%	100%	100%	No 3G Coverage
May	Upper West	Funsi	100%	100%	No 3G Coverage	100%	No 3G Coverage
May		Gwollu	100%	100%	100%	97.50%	No 3G Coverage
May		Jirapa	100%	100%	91.30%	No 3G Coverage	No 3G Coverage

**QUALITY OF SERVICE (QoS) MONITORING REPORT – 1<sup>st</sup> Half, Year 2016**

May		Lambussie	100%	100%	No 3G Coverage	100%	No 3G Coverage
May		Lawra	100%	100%	96.77%	100%	No 3G Coverage
May		Tumu	100%	100%	No 3G Coverage	100%	No 3G Coverage
May		Wa	100%	100%	96.55%	93.53%	99.41%
May		Wechiau	100%	100%	100%	100%	No 3G Coverage
May	Upper East	Bawku	100%	100%	100%	93.10%	No 3G Coverage
May		Bolgatanga	100%	100%	100%	90.15%	100%
May		Bongo	100%	100%	No 3G Coverage	66.67%	No 3G Coverage
May		Garu	100%	100%	100%	100%	No 3G Coverage
May		Navrongo	100%	100%	100%	93.33%	No 3G Coverage
May		Paga	100%	100%	100%	85.42%	No 3G Coverage
May		Sandema	100%	100%	100%	96.55%	No 3G Coverage
May		Tongo	100%	100%	No 3G Coverage	97.37%	No 3G Coverage
May		Zebilla	100%	100%	No 3G Coverage	97.06%	No 3G Coverage

**2. Data Drop Rate (DDR)**

Month	Region	Town	MTN	Vodafone	Tigo	Airtel	Glo
February	Greater Accra	Abokobi	0%	0%	0%	0%	0%
February		Accra	0%	0%	0%	0%	0%
February		Adenta	0%	0%	0%	0%	0%
February		Amasaman	0%	0%	0%	0%	0%
February		Ashiaman	0%	0%	0%	0%	0%
February		Dodowa	0%	0%	0%	0%	0%
February		Kpone	0%	0%	0%	0%	0%
February		Madina	0%	0%	0%	0%	0%
February		Prampram	0%	0%	0%	0%	0%
February		Sowotuo	0%	0%	0%	0%	0%
February		Tema	0%	0%	0%	0%	0%
February		Teshie-Nungua	0%	0%	0%	0%	0%



**QUALITY OF SERVICE (QoS) MONITORING REPORT – 1<sup>st</sup> Half, Year 2016**

March	Western	Agona Nkwanta	0%	0%	0%	0%	100
March		Asankragwa	0%	0%	0%	0%	No 3G Service
March		Bibiani	0%	0%	0%	0%	No 3G Service
March		Bogoso	0%	0%	0%	0%	No 3G Service
March		Daboase	0%	0%	0%	0%	No 3G Service
March		Dadieso	0%	0%	No 3G Service	No 3G Service	No 3G Service
March		Enchi	0%	0%	0%	0%	No 3G Service
March		Essam/Debiso	0%	0%	0%	0%	No 3G Service
March		Half-Assini	0%	0%	0%	0%	No 3G Service
March		Juaboso	0%	0%	0%	0%	No 3G Service
March		Nkroful	0%	0%	No 3G Service	0%	No 3G Service
March		Sefwi Akontombra	0%	0%	0%	0%	No 3G Service
March		Shama	0%	0%	0%	0%	No 3G Service
March		Takoradi	0%	0%	0%	0%	100
March		Tarkwa	0%	0%	0%	0%	No 3G Service
March		Wassa Akropong	0%	0%	0%	0%	No 3G Service
March		Ashanti	Agogo	0%	0%	No 3G Service	0%
March	Agona		0%	0%	0%	0%	0%
March	Akumadan		0%	0%	0%	0%	No 3G Service
March	Asiwa		0%	0%	No 3G Service	0%	No 3G Service
March	Bekwai		0%	0%	No 3G Service	0%	0%
March	Effiduase		0%	0%	0%	0%	0%
March	Ejisu		0%	0%	0%	0%	0%
March	Ejura		0%	0%	0%	0%	No 3G Service
March	Foase		0%	0%	No 3G Service	No 3G Service	No 3G Service
March	Fomena		0%	0%	0%	0%	No 3G Service

**QUALITY OF SERVICE (QoS) MONITORING REPORT – 1<sup>st</sup> Half, Year 2016**

March	Eastern	Jacubu	0%	0%	0%	0%	No 3G Service
March		Juaben	0%	0%	0%	0%	0%
March		Juaso	0%	0%	0%	0%	0%
March		Kodie	0%	0%	0%	0%	0%
March		Konongo	0%	0%	0%	0%	0%
March		Kumasi	0%	0%	0%	0%	0%
March		Kumawu	0%	0%	0%	0%	No 3G Service
March		Kuntense	0%	0%	0%	0%	0%
March		Mampong	0%	0%	0%	0%	0%
March		Mamponteng	0%	0%	0%	0%	0%
March		Mankranso	0%	0%	No 3G Service	0%	No 3G Service
March		Manso Nkwanta	0%	0%	No 3G Service	0%	No 3G Service
March		New Edubiase	0%	0%	0%	0%	No 3G Service
March		Nkawie	0%	0%	0%	No 3G Service	0%
March		Nsuta	0%	0%	0%	0%	No 3G Service
March		Nyinahin	0%	0%	0%	0%	No 3G Service
March		Obuasi	0%	0%	0%	0%	0%
March		Offinso	0%	0%	0%	0%	0%
March		Tepa	0%	0%	0%	0%	No 3G Service
April		Eastern	Abetifi	0%	0%	0%	0%
April	Akim Oda		0%	0%	0%	0%	0%
April	Akim Swedru		0%	0%	No 3G Service	0%	0%
April	Akropong		0%	0%	0%	0%	0%
April	Asamankese		0%	0%	0%	0%	No 3G Service
April	Asesewa		0%	0%	0%	0%	No 3G Service
April	Atimpoku		0%	0%	No 3G Service	0%	No 3G Service
April	Begoro		0%	0%	0%	0%	No 3G Service
April	Donkorkrom		0%	0%	0%	0%	No 3G Service
April	Kade		0%	0%	No 3G Service	0%	No 3G Service

**QUALITY OF SERVICE (QoS) MONITORING REPORT – 1<sup>st</sup> Half, Year 2016**

April	Volta	Koforidua	0%	0%	0%	0%	0%
April		Kwabeng	0%	0%	0%	0%	No 3G Service
April		Kyebi	0%	0%	0%	0%	No 3G Service
April		Mpraeso	0%	0%	0%	0%	0%
April		New Abirem	0%	0%	No 3G Service	0%	No 3G Service
April		Nkawkaw	0%	0%	0%	0%	0%
April		Nsawam	0%	0%	0%	0%	0%
April		Odumase Krobo	0%	0%	No 3G Service	0%	No 3G Service
April		Ofoase	0%	0%	0%	0%	No 3G Service
April		Somanya	0%	0%	0%	0%	No 3G Service
April		Suhum	0%	0%	0%	0%	0%
April		Volta	Adidome	0%	0%	0%	0%
April	Dambai		0%	0%	0%	No 3G Service	No 3G Service
April	Ho		0%	0%	0%	0%	0%
April	Hohoe		0%	0%	0%	No 3G Service	No 3G Service
April	Kpando		0%	0%	0%	No 3G Service	No 3G Service
April	Kpetoe		0%	0%	0%	No 3G Service	No 3G Service
April	Nkwanta		0%	0%	0%	0%	No 3G Service
April	Sogakope		0%	0%	0%	0%	0%
April	Brong Ahafo	Atebubu	0%	0%	No 3G Service	0%	No 3G Service
April		Bechem	0%	No 3G Service	0%	0%	No 3G Service
April		Busunya	0%	0%	0%	0%	No 3G Service
April		Dormaa Ahenkro	0%	0%	0%	No 3G Service	No 3G Service
April		Drobo	0%	0%	0%	0%	No 3G Service
April		Duayaw Nkwanta	0%	0%	0%	0%	No 3G Service
April		Goaso	0%	0%	0%	0%	No 3G Service
April		Jema	0%	0%	0%	0%	No 3G Service

**QUALITY OF SERVICE (QoS) MONITORING REPORT – 1<sup>st</sup> Half, Year 2016**

April	Central Region	Kenyasi	0%	0%	0%	0%	No 3G Service
April		Kintampo	0%	0%	0%	0%	0%
April		Kukuom	0%	0%	0%	0%	No 3G Service
April		Kwame Danso	0%	0%	0%	0%	No 3G Service
April		Nkoranza	0%	0%	0%	0%	No 3G Service
April		Nsawkwa	0%	0%	0%	0%	No 3G Service
April		Odumasi	0%	0%	0%	0%	0%
April		Sampa	0%	0%	0%	0%	No 3G Service
April		Sunyani	0%	0%	0%	0%	0%
April		Techiman	0%	0%	0%	0%	0%
April		Wamfie	0%	0%	0%	0%	No 3G Service
April		Wenchi	0%	0%	0	0%	No 3G Service
April		Yeji	0%	0%	0	0%	No 3G Service
May		Central Region	Ajumako	0%	0%	0%	0%
May	Apam		0%	0%	0%	0%	No 3G Service
May	Cape Coast		0%	0%	0%	0%	0%
May	Dunkwa On-Offin		0%	0%	0%	0%	0%
May	Elmina		0%	0%	0%	0%	0%
May	Essakyir		No 3G Service	No 3G Service	No 3G Service	No 3G Service	No 3G Service
May	Nsuaem Kyekyewere		0%	0%	0%	No 3G Service	No 3G Service
May	Twifo Hemang		0%	0%	No 3G Service	No 3G Service	No 3G Service
May	Upper West	Funsi	0%	0%	No 3G Service	0%	No 3G Service
May		Gwollu	0%	0%	0%	0%	No 3G Service
May		Jirapa	0%	0%	0%	No 3G Service	No 3G Service
May		Lambussie	0%	0%	No 3G Service	0%	No 3G Service
May		Lawra	0%	0%	0%	0%	No 3G Service
May		Tumu	0%	0%	No 3G	0%	No 3G

**QUALITY OF SERVICE (QoS) MONITORING REPORT – 1<sup>st</sup> Half, Year 2016**

					Service		Service
May		Wa	0%	0%	0%	0%	0%
May		Wechiau	0%	0%	0%	0%	No 3G Service
May	Upper East	Bawku	0%	0%	0%	0%	No 3G Service
May		Bolgatanga	0%	0%	0%	0%	0%
May		Bongo	0%	0%	No 3G Service	0%	No 3G Service
May		Garu	0%	0%	0%	0%	No 3G Service
May		Navrongo	0%	0%	0%	0%	No 3G Service
May		Paga	0%	0%	0%	0%	No 3G Service
May		Sandema	0%	0%	0%	0%	No 3G Service
May		Tongo	0%	0%	No 3G Service	0%	No 3G Service
May		Zebilla	0%	0%	No 3G Service	0%	No 3G Service

**1. Data Throughput (DT)**

Month	Region	Town	MTN	Vodafone	Tigo	Airtel	Glo
February	Greater Accra	Abokobi	1440.72	1591	280.74	333	1352.34
February		Accra	4346.54	2207.63	315.04	2229	8628.75
February		Adenta	5527.61	995	404.63	303	853.09
February		Amasaman	9048.37	2743	320.57	2591	7749.1
February		Ashiaman	1491.58	308	590	5251	8409.16
February		Dodowa	1917.61	1709	334.66	333	632.94
February		Kpone	201.94	2381	292.81	2390	4576.24
February		Madina	6255.9	1728.47	287.77	333	7050.76
February		Prampram	1662.41	179.3	208.15	535	277.3
February		Sowotuo	2827.49	902	396.15	1634	10003.3
February		Tema	134.59	2054	519.19	1876	9286.47
February		Teshie-Nungua	7293.55	365.79	367.23	6558	1902.24
March		Western	Agona Nkwanta	2351	2022	1248	889
March	Asankragwa		1865	1678	1238	778	No 3G Service
March	Bibiani		2128	1533	1598	1305	No 3G Service

**QUALITY OF SERVICE (QoS) MONITORING REPORT – 1<sup>st</sup> Half, Year 2016**

March		Bogoso	2492	1069	1707	3107	No 3G Service
March		Daboase	2801	517	1447	2789	No 3G Service
March		Dadieso	2552	780	No 3G Service	No 3G Service	No 3G Service
March		Enchi	2462	1571	1048	646	No 3G Service
March		Essam/Debiso	2917	631	1561	1987	No 3G Service
March		Half-Assini	2803	3533	1718	2985	No 3G Service
March		Juaboso	2560	849	1472	1291	No 3G Service
March		Nkroful	2947	2554	No 3G Service	1880	No 3G Service
March		Sefwi Akontombra	2891	2357	1375	2586	No 3G Service
March		Shama	1801	2871	1698	1195	No 3G Service
March		Takoradi	2181	2455	1434	2254	1130
March		Tarkwa	2716	3192	317	2330	No 3G Service
March		Wassa Akropong	2766	3291	1513	3037	No 3G Service
March		Ashanti	Agogo	3460	1110	No 3G Service	3890
March	Agona		4580	1230	620	2650	2320
March	Akumadan		4770	1500	1830	2310	No 3G Service
March	Asiwa		7540	1450	No 3G Service	3010	No 3G Service
March	Bekwai		4930	1130	No 3G Service	1540	1940
March	Effiduase		4400	1140	1130	3960	2670
March	Ejisu		4410	870	610	4440	2260
March	Ejura		3260	970	280	1260	No 3G Service
March	Foase		4930	1280	No 3G Service	No 3G Service	No 3G Service
March	Fomena		5650	1450	710	2610	No 3G Service
March	Jacobi		7080	1300	510	6520	No 3G Service
March	Juaben		5930	190	700	3380	2040
March	Juaso		5600	960	580	200	8100
March	Kodie		1400	870	530	170	2750

**QUALITY OF SERVICE (QoS) MONITORING REPORT – 1<sup>st</sup> Half, Year 2016**

March		Konongo	2040	310	670	1700	1500
March		Kumasi	4230	1390	1050	1960	4630
March		Kumawu	7180	1120	350	5100	No 3G Service
March		Kuntense	4730	1250	360	440	5880
March		Mampong	1780	270	340	1830	2690
March		Mamponteng	2680	1380	660	1620	2220
March		Mankranso	5880	1580	No 3G Service	4090	No 3G Service
March		Manso Nkwanta	5150	1400	No 3G Service	7130	No 3G Service
March		New Edubiase	3760	1250	470	3360	No 3G Service
March		Nkawie	4550	1480	1390	No 3G Service	1490
March		Nsuta	4750	1270	490	2720	No 3G Service
March		Nyinahin	6510	1030	490	4090	No 3G Service
March		Obuasi	6160	970	590	2540	1980
		Offinso	3220	1590	890	970	2790
March		Tepa	4060	1580	870	5520	No 3G Service
April		Eastern	Abetifi	698	4382	498	55.99
April	Akim Oda		1853	3021	557	6148	5364
April	Akim Swedru		294	2988	No 3G Service	292	146
April	Akropong		440	2619	837	3351	107
April	Asamankese		1706	2989	570	3798	No 3G Service
April	Asesewa		310	1671	411	2113	No 3G Service
April	Atimpoku		4998	4813	No 3G Service	1633	No 3G Service
April	Begoro		1244	3599	515	2231	No 3G Service
April	Donkorkrom		1041	2718	526	72.47	No 3G Service
April	Kade		1318	2345	No 3G Service	3437	No 3G Service
April	Koforidua		1154	2762	824	2451	8402
April	Kwabeng		2010	148.92	504	73.44	No 3G Service
April	Kyebi		870	1495	518	70.19	No 3G Service

**QUALITY OF SERVICE (QoS) MONITORING REPORT – 1<sup>st</sup> Half, Year 2016**

April		Mpraeso	1532	100.44	459	80.79	2048
April		New Abirem	1510	4671	No 3G Service	3638	No 3G Service
April		Nkawkaw	320	2747	485	72	2345
April		Nsawam	704	2464	502	57.3	3347
April		Odumase Krobo	583	1751	No 3G Service	3723	No 3G Service
April		Ofoase	1892	2365	1102	2378	No 3G Service
April		Somanya	680	2129	845	4043	No 3G Service
April		Suhum	423	4132	409	70.69	3330
April		Volta	Adidome	1390.7	3342.9	1707.5	3379.2
April	Dambai		2014.2	940.4	1159	No 3G Service	No 3G Service
April	Ho		424.62	3399.8	849.1	1905.81	2558.1
April	Hohoe		923.29	2247.7	840.3	No 3G Service	No 3G Service
April	Kpando		1641	653.5	505.1	No 3G Service	No 3G Service
April	Kpetoe		2826.6	3092.23	1673.7	No 3G Service	No 3G Service
April	Nkwanta		1352.1	2094.6	1407.6	1404.93	No 3G Service
April	Sogakope		926.6	1924.5	1333.3	2493.4	2561.9
April	Brong Ahafo		Atebubu	2183.27	1413.43	No 3G Service	2409.77
April		Bechem	2438.5	No 3G Service	342.52	2506.11	No 3G Service
April		Busunya	8097.25	1598.61	342.52	2094.51	No 3G Service
April		Dormaa Ahenkro	4202.11	850.53	569.73	No 3G Service	No 3G Service
April		Drobo	2201.6	1407.04	1047.08	4201.69	No 3G Service
April		Duayaw Nkwanta	4436.97	1150.46	1751.57	4883.14	No 3G Service
April		Goaso	2186.95	1473	1830	3545.37	No 3G Service
April		Jema	7807.56	1334.93	807.51	1848.59	No 3G Service
April		Kenyasi	5397.13	1685.34	1828.04	1596.39	No 3G Service
April		Kintampo	2580.88	966.41	770.63	2331.27	808.16
April		Kukuom	6762.1	1204.77	531.36	3382.97	No 3G Service



**QUALITY OF SERVICE (QoS) MONITORING REPORT – 1<sup>st</sup> Half, Year 2016**

April		Kwame Danso	5969.23	1082.03	1201.69	1982.34	No 3G Service
April		Nkoranza	3023.15	2046.59	570.61	2808.48	No 3G Service
April		Nsawkwa	8381.63	1653.94	850.46	2292.89	No 3G Service
April		Odumasi	5572.71	876.77	1020.47	1961.49	1405.42
April		Sampa	1915.34	1189.96	592.53	3333.44	No 3G Service
April		Sunyani	1609.94	573.93	910.22	2227.68	1336.05
April		Techiman	1837.21	1512.78	273.21	1581.33	1463.21
April		Wamfie	6228.85	1238.67	1031.54	2168.36	No 3G Service
April		Wenchi	3984.97	1548.08	569.43	1197.99	No 3G Service
April		Yeji	4717.2	1323.8	1963.54	1835.9	No 3G Service
May	Central Region	Ajumako	355	718	319	1187	No 3G Service
May		Apam	3940	627	3959	1235	No 3G Service
May		Cape Coast	3691	2625	862	3751	3420
May		Dunkwa On-Offin	2839	1197	1105	4057	2989
May		Elmina	3546	3487	1150	3547	3187.7
May		Essakyir	No 3G Service	No 3G Service	No 3G Service	No 3G Service	No 3G Service
May		Nsuaem Kyekyewere	3481	169	4441	No 3G Service	No 3G Service
May		Twifo Hemang	4205	No 3G Service	No 3G Service	No 3G Service	No 3G Service
May		Funsi	9190.59	1624.19	No 3G Service	2548.1	No 3G Service
May		Gwollu	8830.63	3971.14	2563	1867.25	No 3G Service
May	Upper West	Jirapa	5859.58	2114.92	2908.35	No 3G Service	No 3G Service
May		Lambussie	9573.17	3309.01	No 3G Service	1690.59	No 3G Service
May		Lawra	7360.18	3099.59	2810.99	6729.42	No 3G Service
May		Tumu	8166.37	3883.32	No 3G Service	682.53	No 3G Service
May		Wa	3770.65	2214.17	1587.65	5026.98	1916.75
May		Wechiau	9170.5	3705.01	3081.37	3777.14	No 3G Service

**QUALITY OF SERVICE (QoS) MONITORING REPORT – 1<sup>st</sup> Half, Year 2016**

May	Upper East	Bawku	5127.26	5399.92	2263	564.59	No 3G Service
May		Bolgatanga	6974.15	5428.52	2601.4	3021.1	1924.57
May		Bongo	8000.59	709.52	No 3G Service	1506.1	No 3G Service
May		Garu	6900.61	100.54	2887.81	220.6	No 3G Service
May		Navrongo	7629.68	4028.5	2744.34	663.25	No 3G Service
May		Paga	6503.2	2754.11	1781.95	663.15	No 3G Service
May		Sandema	9155.66	2893.52	2078.62	603.66	No 3G Service
May		Tongo	9814.65	6492.93	No 3G Service	580.38	No 3G Service
May		Zebilla	6105.44	4768.98	No 3G Service	700.21	No 3G Service