



NATIONAL COMMUNICATIONS AUTHORITY

QUALITY OF SERVICE TEST RESULTS - 2019 FOURTH QUARTER

INTRODUCTION

In pursuance of obligations of the 3G Cellular Mobile Licence of Telecommunication Operators, the consumer perspective of quality of service are tested to ensure the compliance of Operators to the obligations on service quality to the user.

This Fourth Quarter Monitoring Report highlights the Voice, Voice Quality, Data and 3G Coverage compliance statuses of all four (4) Mobile Network Operators in ten (10) Regions with regards to parameters outlined in their Licences. The Regions monitored during this period were the Central, Western, Western North, Bono, Bono East, Ahafo, Oti, Volta, Upper East and West Regions.

The details of the report are as below:

AIRTELTIGO RESULTS

VOICE TEST (CST)

Ahafo

District Capital	95 th Percentile of Call Setup Time (<10 sec)				Compliance Status
	Day 1	Day 2	Day 3	Day 4	
Bechem	05.05	05.07	05.36	05.97	Pass
Duayaw Nkwanta	No Data	17.00	07.85	05.96	Pass
Goaso	05.56	06.28	09.61	05.09	Pass
Kenyasi	14.00	07.13	07.43	09.51	Pass
Kukuom	05.67	07.81	06.18	05.69	Pass

Bono

District Capital	95 th Percentile of Call Setup Time (<10 sec)				Compliance Status
	Day 1	Day 2	Day 3	Day 4	
Berekum	12.01	10.72	3.00	08.57	Pass
Dormaa ahenkro	06.28	05.27	05.58	07.80	Pass
Wamfie	05.78	04.91	05.78	04.76	Pass
Wenchi	04.86	04.71	04.82	04.80	Pass

Bono East

District Capital	95 th Percentile of Call Setup Time (<10 sec)				Compliance Status
	Day 1	Day 2	Day 3	Day 4	
Atebubu	12.59	9.18	10.21	4.96	Pass
Busunya	4.76	4.20	4.50	12.53	Pass
Jema	5.14	4.88	7.89	4.50	Pass
Kajaji	17.71	12.70	14.72	13.26	Fail
Kimtampo	7.46	5.30	10.66	6.35	Pass
Kwame Danso	4.57	4.40	5.14	5.10	Pass
Nkoranza	5.39	14.83	10.07	6.12	Pass
Yeji	4.66	4.59	4.69	4.75	Pass

Central

District Capital	95 th Percentile of Call Setup Time (<10 sec)				Compliance Status
	Day 1	Day 2	Day 3	Day 4	
Dunkwa	05.02	05.18	08.50	04.90	Pass
Elmina	06.51	06.97	07.26	05.45	Pass
Hemang	04.84	04.80	04.96	04.94	Pass
Kasoa	07.52	08.62	08.50	08.10	Pass
Saltpond	04.91	04.88	04.91	05.00	Pass
Twifo Praso	04.97	04.70	05.14	04.50	Pass
Winneba	05.32	05.31	05.10	06.43	Pass

Oti

District Capital	95 th Percentile of Call Setup Time (<10 sec)				Compliance Status
	Day 1	Day 2	Day 3	Day 4	
Jasikan	05.10	05.18	05.00	05.19	Pass
Kadjebi	05.53	05.70	05.60	05.17	Pass
Nkwanta	04.50	04.61	04.80	04.65	Pass

Upper East

District Capital	95 th Percentile of Call Setup Time (<10 sec)				Compliance Status
	Day 1	Day 2	Day 3	Day 4	
Bawku	8.00	6.00	6.00	6.23	Pass
Bolgatanga	8.51	6.63	7.35	7.84	Pass
Navrongo	6.21	5.61	5.41	5.58	Pass
Paga	5.45	5.45	5.24	5.35	Pass

Upper West

District Capital	95 th Percentile of Call Setup Time (<10 sec)				Compliance Status
	Day 1	Day 2	Day 3	Day 4	
Gwollu	5.11	8.54	4.58	22.41	Pass
Tumu	8.11	5.55	5.32	5.40	Pass
Wa	6.29	6.45	7.66	6.70	Pass

Volta

District Capital	95 th Percentile of Call Setup Time (<10 sec)				Compliance Status
	Day 1	Day 2	Day 3	Day 4	
Akatsi	12.20	08.94	06.88	11.91	Pass
Dzolokpuita	No 3G Coverage				
Hohoe	05.60	05.11	04.85	05.00	Pass
Keta	04.81	04.72	04.89	04.90	Pass
Kpando	05.45	06.24	05.95	06.75	Pass
Kpeve	09.74	05.34	07.35	09.20	Pass

Western

District Capital	95 th Percentile of Call Setup Time (<10 sec)				Compliance Status
	Day 1	Day 2	Day 3	Day 4	
Agona Nkwanta	04.92	04.81	07.19	05.05	Pass
Axim	08.21	07.64	07.96	06.86	Pass
Daboase	05.11	04.99	05.20	04.82	Pass
Mpohor	05.31	04.78	04.60	04.69	Pass
Nkroful	04.61	06.18	04.74	04.70	Pass
Shama	04.81	04.91	05.38	04.91	Pass

Western North

District Capital	95 th Percentile of Call Setup Time (<10 sec)				Compliance Status
	Day 1	Day 2	Day 3	Day 4	
Adabokrom	No 3G Coverage				
Essam-Debiso	05.28	05.00	05.00	06.02	Pass

VOICE QUALITY (MOS)

Ahafo

district capital	Average MOS (> 3.5)				Compliance Status
	Day 1	Day 2	Day 3	Day 4	
Bechem	3.60	3.73	3.73	3.73	Pass
Duayaw	N/A	2.53	3.67	3.72	Pass
Goaso	3.73	3.64	2.80	3.60	Pass
Kenyasi	3.61	3.60	3.40	3.20	Pass
Kukuom	2.40	3.80	3.43	3.40	Pass

Bono

District Capital	Average MOS (> 3.5)				Compliance Status
	Day 1	Day 2	Day 3	Day 4	
Berekum	3.70	3.63	3.60	3.60	Pass
Dormaa ahenkro	3.70	3.74	3.80	2.10	Pass
Wamfie	3.40	3.80	3.60	3.36	Pass
Wenchi	3.80	3.80	3.80	3.80	Pass

Bono East

District Capital	Average MOS (> 3.5)				Compliance Status
	Day 1	Day 2	Day 3	Day 4	
Atebubu	3.77	3.68	3.77	3.62	Pass
Busunya	3.69	3.80	3.79	2.44	Pass
Jema	3.68	3.72	3.19	3.74	Pass
Kajaji	3.76	3.70	3.65	3.70	Pass
Kintampo	3.71	3.78	3.34	3.73	Pass
Kwame Danso	3.79	3.79	3.80	3.79	Pass
Nkoranza	3.77	2.47	2.19	3.76	Pass
Yeji	3.81	3.81	3.80	3.80	Pass

Central

District Capital	Average MOS (> 3.5)				Compliance Status
	Day 1	Day 2	Day 3	Day 4	
Dunkwa	3.80	3.78	3.79	3.81	Pass
Elmina	3.76	3.66	3.71	3.70	Pass
Hemang	3.81	3.75	3.81	3.79	Pass
Kasoa	3.71	3.67	3.68	3.66	Pass
Saltpond	3.77	3.78	3.75	3.75	Pass
Twifo Praso	3.70	3.79	3.78	3.79	Pass
Winneba	3.72	3.56	3.78	3.76	Pass

Oti

District Capital	Average MOS (> 3.5)				Compliance Status
	Day 1	Day 2	Day 3	Day 4	
Jasikan	3.67	3.59	3.65	3.72	Pass
Kadjebi	3.50	3.43	3.44	3.54	Pass
Nkwanta	3.78	3.78	3.78	3.79	Pass

Upper East

District Capital	Average MOS (> 3.5)				Compliance Status
	Day 1	Day 2	Day 3	Day 4	
Bawku	3.68	3.68	3.70	3.68	Pass
Bolgatanga	3.65	3.74	3.72	3.67	Pass
Navrongo	3.60	3.70	3.59	3.72	Pass
Paga	3.80	3.80	3.81	3.79	Pass

Upper West

District Capital	Average MOS (> 3.5)				Compliance Status
	Day 1	Day 2	Day 3	Day 4	
Gwollu	3.81	3.78	3.80	1.58	Pass
Tumu	3.79	3.78	3.80	3.79	Pass
Wa	3.68	3.68	3.71	3.62	Pass

Volta

District Capital	Average MOS (>3.5)				Compliance Status
	Day 1	Day 2	Day 3	Day 4	
Akatsi	3.76	3.74	3.72	3.75	Pass
Dzolokpuita	No Coverage				
Hohoe	3.68	3.71	3.72	3.74	Pass
Keta	3.78	3.72	3.73	3.70	Pass
Kpando	3.65	3.61	3.61	3.61	Pass
Kpeve	3.74	3.75	3.76	3.80	Pass

Western

District Capital	Average MOS (> 3.5)				Compliance Status
	Day 1	Day 2	Day 3	Day 4	
Agona Nkwanta	3.76	3.75	3.78	3.74	Pass
Axim	2.92	2.86	2.85	3.15	Fail
Daboase	3.77	3.75	3.78	3.80	Pass
Mpohor	3.70	3.80	3.80	3.80	Pass
Nkroful	3.79	3.58	3.74	3.77	Pass
Shama	3.77	3.79	3.81	3.79	Pass

Western North

District Capital	Average MOS (> 3.5)				Compliance Status
	Day 1	Day 2	Day 3	Day 4	
Adabokrom	No Coverage				
Essam-Debiso	3.75	3.73	3.77	3.61	Pass

3G DATA

Ahafo

District Capital	Average Data Throughput \geq 256kbps (> 90%)				Compliance Status
	Day 1	Day 2	Day 3	Day 4	
Bechem	98.61	84.00	81.48	91.18	Pass
Duayaw	N/A	N/A	95.65	100.00	Pass
Goaso	86.36	98.77	66.67	100.00	Pass
Kenyasi	100.00	100.00	100.00	97.47	Pass
Kukuom	100.00	100.00	97.96	98.51	Pass

Bono

District Capital	Average Data Throughput \geq 256kbps (> 90%)				Compliance Status
	Day 1	Day 2	Day 3	Day 4	
Berekum	100.00	95.83	100.00	100.00	Pass
Dormaa Ahenkro	43.73	42.87	75.76	0.00	Fail
Wamfie	8.33	100.00	100.00	100.00	Pass
Wenchi	100.00	100.00	100.00	100.00	Pass

Bono East

District Capital	Average Data Throughput \geq 256kbps (> 90%)				Compliance Status
	Day 1	Day 2	Day 3	Day 4	
Atebubu	100.00%	98.36%	100.00%	93.18%	Pass
Busunya	100.00%	100.00%	100.00%	100.00%	Pass
Jema	100.00%	100.00%	97.78%	100.00%	Pass
Kajaji	100.00%	87.50%	100.00%	100.00%	Pass
Kintampo	89.80%	0%	100.00%	97.67%	Pass
Kwame Danso	100.00%	100.00%	0.00%	100.00%	Pass
Nkoranza	98.00%	100.00%	96.97%	100.00%	Pass
Yeji	100.00%	100.00%	100.00%	100.00%	Pass

Central

District Capital	Average Data Throughput \geq 256kbps (>90%)				Compliance Status
	Day 1	Day 2	Day 3	Day 4	
Dunkwa	100.00	100.00	100.00	98.90	Pass
Elmina	100.00	100.00	99.37	100.00	Pass
Hemang	100.00	100.00	100.00	100.00	Pass
Kasoa	100.00	100.00	99.39	100.00	Pass
Saltpond	100.00	85.90	100.00	98.96	Pass
Twifo Praso	99.06	98.96	99.34	100.00	Pass
Winneba	99.15	100.00	99.14	100.00	Pass

Oti

District Capital	Average Data Throughput \geq 256kbps (> 90%)				Compliance Status
	Day 1	Day 2	Day 3	Day 4	
Jasikan	80.65%	100.00%	100.00%	100.00%	Pass
Kadjebi	100.00%	100.00%	100.00%	100.00%	Pass
Nkwanta	98.48%	100.00%	100.00%	100.00%	Pass

Upper East

District Capital	Average Data Throughput \geq 256kbps ($> 90\%$)				Compliance Status
	Day 1	Day 2	Day 3	Day 4	
Bawku	100.00%	100.00%	100.00%	100.00%	Pass
Bolgatanga	94.23%	100.00%	100.00%	100.00%	Pass
Navrongo	80.56%	100.00%	100.00%	98.46%	Pass
Paga	100.00%	100.00%	100.00%	98.70%	Pass

Upper West

District Capital	Average Data Throughput \geq 256kbps ($> 90\%$)				Compliance Status
	Day 1	Day 2	Day 3	Day 4	
Gwollu	100.00%	80.00%	100.00%	5.26%	Pass
Tumu	100.00%	100.00%	100.00%	100.00%	Pass
Wa	100.00%	35.29%	99.23%	100.00%	Pass

Volta

District Capital	Average Data Throughput \geq 256kbps ($>90\%$)				Compliance Status
	Day 1	Day 2	Day 3	Day 4	
Akatsi	98.08%	98.36%	100.00%	98.55%	Pass
Dzolokpuita	No Coverage				
Hohoe	94.23%	96.30%	91.84%	94.00%	Pass
Keta	100.00%	100.00%	100.00%	100.00%	Pass
Kpando	100.00%	98.61%	100.00%	100.00%	Pass
Kpeve	100.00%	93%	-	-	Pass

Western

District Capital	Average Data Throughput \geq 256kbps ($>90\%$)				Compliance Status
	Day 1	Day 2	Day 3	Day 4	
Agona Nkwanta	100.00	100.00	98.59	100.00	Pass
Axim	96.77	100.00	100.00	100.00	Pass
Daboase	88.64	97.14	100.00	100.00	Pass
Mpohor	100.00	100.00	100.00	100.00	Pass
Nkroful	98.68	100.00	100.00	100.00	Pass
Shama	52.00	100.00	100.00	100.00	Pass

Western North

District Capital	Average RSCP ($\geq -105\text{dBm}$)				Compliance Status
	Day 1	Day 2	Day 3	Day 4	
Adabokrom	No Coverage				
Essam-Debiso	100.00	100.00	98.11	97.94	Pass

3G COVERAGE TEST

Ahafo

District Capital	Average RSCP ($\geq -105\text{dBm}$)				Compliance Status
	Day 1	Day 2	Day 3	Day 4	
Bechem	-83.09	-86.63	-86.23	-85.54	Pass
Duayaw nkwanta	-100.75	-101.26	-90.25	-88.97	Pass
Goaso	-88.49	-86.13	-88.51	-82.14	Pass
Kenyasi	-94.76	-93.86	-95.46	-97.02	Pass
Kukuom	-89.99	-91.07	-91.79	-90.27	Pass

Bono

District Capital	Average RSCP ($\geq -105\text{dBm}$)				Compliance Status
	Day 1	Day 2	Day 3	Day 4	
Berekum	-87.30	-88.74	-85.40	-95.72	Pass
Dormaa ahenkro	-91.60	-94.34	-87.30	-90.50	Pass
Wamfie	-88.04	-83.20	-82.70	-82.80	Pass
Wenchi	-81.27	-82.46	-82.40	80.00	Pass

Bono East

District Capital	Average RSRP ($> -105\text{dBm}$)				Compliance Status
	Day 1	Day 2	Day 3	Day 4	
Atebubu	-92.76	-84.64	-84.71	-85.14	Pass
Busunya	-89.32	-85.02	-86.35	-115.15	Pass
Jema	-76.31	-77.55	-79.15	-79.22	Pass
Kajaji	-79.51	-83.32	-80.26	-78.48	Pass
Kintampo	-76.31	85.79	-92.14	-92.85	Pass
Kwame Danso	-88.42	-92.28	-88.49	-89.19	Pass
Nkoranza	-85.37	-108.24	-112.85	-86.42	Pass
Yeji	-88.75	-88.02	-88.22	-88.65	Pass

Central

District Capital	Average RSCP ($\geq -105\text{dBm}$)				Compliance Status
	Day 1	Day 2	Day 3	Day 4	
Dunkwa	-82.86	-83.77	-82.40	-84.60	Pass
Elmina	-93.81	-94.38	-96.59	-95.77	Pass
Hemang	No Data	-94.28	-89.51	-89.44	Pass
Kasoa	-80.17	-80.15	-83.01	-82.80	Pass
Saltpond	-87.68	-85.90	-86.14	-87.14	Pass
Twifo Praso	-92.03	-88.38	-89.59	-93.20	Pass
Winneba	-87.57	-87.21	-84.78	-86.07	Pass

Oti

District Capital	Average RSCP ($\geq -105\text{dBm}$)				Compliance Status
	Day 1	Day 2	Day 3	Day 4	
Jasikan	-82.39	-83.00	-83.25	-83.89	Pass
Kadjebi	-77.27	-77.31	-77.50	-78.57	Pass
Nkwanta	-82.89	-82.20	-83.63	-84.11	Pass

Upper East

District Capital	Average RSCP ($\geq -105\text{dBm}$)				Compliance Status
	Day 1	Day 2	Day 3	Day 4	
Bawku	-87.96	-88.98	-88.02	-88.69	Pass
Bolgatanga	-93.95	-87.61	-86.31	-88.47	Pass
Navrongo	-89.95	-90.27	-88.21	-87.53	Pass
Paga	-87.21	-88.47	-86.79	No Data	Pass

Upper West

District Capital	Average RSCP ($\geq -105\text{dBm}$)				Compliance Status
	Day 1	Day 2	Day 3	Day 4	
Gwollu	-89.73	-87.15	-89.82	-89.35	Pass
Tumu	-84.57	-86.73	-85.49	-83.65	Pass
Wa	-88.03	-87.67	-89.85	-88.46	Pass

Volta

District Capital	Average RSCP ($\geq -105\text{dBm}$)				Compliance Status
	Day 1	Day 2	Day 3	Day 4	
Akatsi	-95.83	-95.73	-95.44	-94.46	Pass
Dzolokpuita	No Coverage				
Hohoe	-83.44	-81.42	-86.93	-85.25	Pass
Keta	-84.29	-84.18	-84.96	-83.51	Pass
Kpando	-93.69	-93.02	-95.08	-92.66	Pass
Kpeve	-76.69	-78.07	-78.97	-78.79	Pass

Western

District Capital	Average RSCP ($\geq -105\text{dBm}$)				Compliance Status
	Day 1	Day 2	Day 3	Day 4	
Agona Nkwanta	-81.49	-80.90	-81.06	-79.83	Pass
Axim	-91.82	-92.13	-91.03	-91.69	Pass
Daboase	-82.44	-80.75	-81.31	-82.05	Pass
Mpohor	-88.09	-87.32	-88.09	-87.41	Pass
Nkroful	-75.56	-104.67	-74.09	-73.26	Pass
Shama	-82.97	-80.61	-80.37	-79.84	Pass

Western North

District Capital	Average RSCP ($\geq -105\text{dBm}$)				Compliance Status
	Day 1	Day 2	Day 3	Day 4	
Adabokrom	No Coverage				
Essam-Debiso	-80.06	-80.66	-83.84	-83.63	Pass

GLO RESULTS

VOICE TEST (CST)

Central Region

District Capital	95 th Percentile of Call Setup Time (<10 sec)				Compliance Status
	Day 1	Day 2	Day 3	Day 4	
Dunkwa	10.44	15.80	No Data	No Data	-
Elmina	13.75	15.08	14.71	15.08	Fail
Hemang	No Coverage				-
Kasoa	08.09	07.29	08.72	09.13	Pass
Saltpond	21.88	13.08	20.55	10.99	Fail
Twifo Praso	No Coverage				-
Winneba	15.33	No Data	31.39	No Data	-

Western Region

District Capital	95 th Percentile of Call Setup Time (<10 sec)				Compliance Status
	Day 1	Day 2	Day 3	Day 4	
Agona Nkwanta	06.89	08.50	09.47	11.62	Pass
Axim	05.19	07.08	05.40	05.36	Pass
Daboase	11.36	09.49	12.18	12.00	Pass
Mpohor	11.41	16.69	15.49	11.84	Fail
Nkroful	No Coverage				-
Shama	08.50	20.32	09.67	11.01	Pass

VOICE QUALITY (MOS)

Central Region

District Capital	Average MOS (> 3.5)				Compliance Status
	Day 1	Day 2	Day 3	Day 4	
Dunkwa	1.46	1.07	No Data	No Data	-
Elmina	2.53	2.32	2.51	2.44	Fail
Hemang	No Coverage				-
Kasoa	2.43	2.40	2.41	2.42	Fail
Saltpond	2.10	2.12	2.10	2.02	Fail
Twifo Praso	No Coverage				-
Winneba	1.31	No Data	1.42	No Data	-

Western Region

District Capital	Average MOS (> 3.5)				Compliance Status
	Day 1	Day 2	Day 3	Day 4	
Agona Nkwanta	1.99	1.50	1.47	1.50	Fail
Axim	2.85	2.66	2.67	2.48	Fail
Daboase	1.30	1.33	1.28	1.23	Fail
Mpohor	1.48	1.27	1.20	1.25	Fail
Nkroful	No Coverage				
Shama	1.60	1.53	1.59	1.51	Fail

3G DATA

Central Region

District Capital	Average Data Throughput ≥ 256kbps (>90%)				Compliance Status
	Day 1	Day 2	Day 3	Day 4	
Dunkwa	85.71	No Data	No Data	No Data	-
Elmina	33.33	93.55	89.19	85.71	Pass
Hemang	No Coverage				-
Kasoa	99.00	99.06	100.00	96.47	Pass
Saltpond	98.55	100.00	100.00	100.00	Pass
Twifo Praso	No Coverage				-
Winneba	No Data	6.67	0.00	No Data	-

Western Region

District Capital	Average Data Throughput ≥ 256kbps (> 90%)				Compliance Status
	Day 1	Day 2	Day 3	Day 4	
Agona Nkwanta	100.00	100.00	100.00	100.00	Pass
Axim	100.00	100.00	98.46	100.00	Pass
Daboase	100.00	100.00	71.43	0.00	Pass
Mpohor	90.91	No Data	No Data	100.00	Pass
Nkroful	No Coverage				
Shama	100.00	97.56	100.00	87.50	Pass

3G COVERAGE TEST

Central Region

District Capital	Average RSCP ($\geq -105\text{dBm}$)				Compliance Status
	Day 1	Day 2	Day 3	Day 4	
Dunkwa	-115.05	-114.43	-116.61	-115.61	Fail
Elmina	-111.05	-106.21	-107.49	-107.11	Fail
Hemang	No Coverage				
Kasoa	-92.37	-95.28	-95.34	-94.62	Pass
Saltpond	-90.58	-89.40	-90.69	-89.01	Pass
Twifo Praso	No Coverage				
Winneba	-105.48	-112.98	-95.56	-112.30	Pass

Western Region

District Capital	Average RSCP ($\geq -105\text{dBm}$)				Compliance Status
	Day 1	Day 2	Day 3	Day 4	
Agona Nkwanta	-94.34	-95.36	-94.50	-94.32	Pass
Axim	-90.42	-91.68	-90.04	-90.95	Pass
Daboase	-113.18	-113.20	-113.84	-113.37	Fail
Mpohor	-112.78	-112.42	-112.50	-112.58	Fail
Nkroful	-112.69	-117.03	-116.32	No Data	-
Shama	-94.44	-94.33	-94.41	-98.92	Pass

MTN RESULTS

VOICE TEST (CST)

Ahafo

District Capital	95 th Percentile of Call Setup Time (<10 sec)				Compliance Status
	Day 1	Day 2	Day 3	Day 4	
Bechem	07.87	07.39	08.05	06.80	Pass
Duayaw nkwanta	15.40	09.49	05.89	06.96	Pass
Goaso	07.41	07.41	09.74	06.87	Pass
Kenyasi	08.06	06.92	08.51	07.77	Pass
Kukuom	06.24	06.24	06.64	07.25	Pass

Bono

District Capital	95 th Percentile of Call Setup Time (<10 sec)				Compliance Status
	Day 1	Day 2	Day 3	Day 4	
Berekum	09.30	08.44	08.65	08.26	Pass
Dormaa Ahenkro	07.46	05.87	08.02	09.30	Pass
Wamfie	06.60	07.76	04.91	05.41	Pass
Wenchi	08.21	07.64	08.64	09.36	Pass

Bono East

District Capital	95 th Percentile of Call Setup Time (<10 sec)				Compliance Status
	Day 1	Day 2	Day 3	Day 4	
Atebubu	6.29	6.83	7.36	6.80	Pass
Busunya	5.74	4.40	4.43	4.71	Pass
Jema	5.78	5.98	5.34	4.66	Pass
Kajayi	4.87	4.34	5.00	4.08	Pass
Kimtampo	8.83	8.49	5.70	7.75	Pass
Kwame Danso	5.44	5.58	5.70	5.07	Pass
Nkoranza	7.62	7.27	7.53	6.97	Pass
Yeji	7.94	6.40	7.56	7.46	Pass

Central

District Capital	95 th Percentile of Call Setup Time (<10 sec)				Compliance Status
	Day 1	Day 2	Day 3	Day 4	
Dunkwa	06.46	07.01	06.26	07.60	Pass
Elmina	06.93	07.69	07.22	07.61	Pass
Hemang	07.54	04.99	05.04	05.15	Pass
Kasoa	09.21	09.52	09.04	08.89	Pass
Saltpond	07.59	06.63	07.05	06.97	Pass
Twifo Praso	07.36	05.91	07.41	08.08	Pass
Winneba	09.57	09.81	09.22	10.58	Pass

Oti

District Capital	95 th Percentile of Call Setup Time (<10 sec)				Compliance Status
	Day 1	Day 2	Day 3	Day 4	
Jasikan	07.77	08.05	06.30	07.26	Pass
Kadjebi	07.22	06.23	06.91	07.03	Pass
Nkwanta	06.22	06.09	05.99	06.16	Pass

Upper East

District Capital	95 th Percentile of Call Setup Time (<10 sec)				Compliance Status
	Day 1	Day 2	Day 3	Day 4	
Bawku	9.22	9.33	7.82	8.98	Pass
Bolgatanga	8.00	8.19	8.12	9.00	Pass
Navrongo	6.31	7.65	9.11	7.64	Pass
Paga	5.95	5.74	6.61	5.22	Pass

Upper West

District Capital	95 th Percentile of Call Setup Time (<10 sec)				Compliance Status
	Day 1	Day 2	Day 3	Day 4	
Gwollu	4.90	3.78	3.97	3.76	Pass
Tumu	5.28	5.41	6.10	5.30	Pass
Wa	7.71	7.94	7.71	8.29	Pass

Volta

District Capital	95 th Percentile of Call Setup Time (<10 sec)				Compliance Status
	Day 1	Day 2	Day 3	Day 4	
Akatsi	09.34	08.59	08.14	07.85	Pass
Dzolokpuita	05.87	05.34	06.04	05.64	Pass
Hohoe	11.13	08.42	09.15	09.94	Pass
Keta	07.17	08.40	06.10	08.61	Pass
Kpando	08.49	08.21	08.67	09.38	Pass
Kpeve	05.57	05.35	06.05	05.70	Pass

Western

District Capital	95 th Percentile of Call Setup Time (<10 sec)				Compliance Status
	Day 1	Day 2	Day 3	Day 4	
Agona Nkwanta	08.20	07.43	07.09	07.00	Pass
Axim	07.84	06.34	07.06	06.85	Pass
Daboase	07.46	05.80	06.60	05.94	Pass
Mpohor	05.75	06.27	05.61	05.79	Pass
Nkroful	05.95	06.13	06.15	05.57	Pass
Shama	06.00	04.69	05.43	07.05	Pass

Western North

District Capital	95 th Percentile of Call Setup Time (<10 sec)				Compliance Status
	Day 1	Day 2	Day 3	Day 4	
Adabokrom	09.30	08.44	08.65	08.26	Pass
Essam-Debiso	07.46	05.87	08.02	09.30	Pass

VOICE QUALITY (MOS)

Ahafo

district capital	Average MOS (> 3.5)				Compliance Status
	Day 1	Day 2	Day 3	Day 4	
Bechem	3.80	3.80	3.71	3.80	Pass
Duayaw	3.64	2.20	3.70	3.70	Pass
Goaso	3.80	3.80	3.73	3.70	Pass
Kenyasi	3.70	3.80	3.74	3.71	Pass
Kukuom	3.80	3.80	3.80	3.80	Pass

Bono

District Capital	Average MOS (> 3.5)				Compliance Status
	Day 1	Day 2	Day 3	Day 4	
Berekum	3.73	3.80	3.73	3.80	Pass
Dormaa ahenkro	3.72	3.74	3.71	3.70	Pass
Wamfie	3.70	3.73	3.74	3.72	Pass
Wenchi	3.80	3.72	3.73	3.74	Pass

Bono East

District Capital	Average MOS (> 3.5)				Compliance Status
	Day 1	Day 2	Day 3	Day 4	
Atebubu	3.68	3.63	3.69	3.75	Pass
Busunya	3.80	3.74	3.70	3.74	Pass
Jema	3.78	3.77	3.77	3.79	Pass
Kajaji	3.80	3.78	3.79	3.79	Pass
Kintampo	3.76	3.74	3.73	3.72	Pass
Kwame Danso	3.78	3.76	3.78	3.75	Pass
Nkoranza	3.72	3.73	3.69	3.71	Pass
Yeji	3.70	3.65	3.67	3.69	Pass

Central

District Capital	Average MOS (> 3.5)				Compliance Status
	Day 1	Day 2	Day 3	Day 4	
Dunkwa	3.78	3.77	3.78	3.79	Pass
Elmina	3.76	3.76	3.77	3.77	Pass
Hemang	3.78	3.79	3.79	3.79	Pass
Kasoa	3.74	3.74	3.72	3.73	Pass
Saltpond	3.78	3.77	3.80	3.76	Pass
Twifo Praso	3.76	3.77	3.77	3.76	Pass
Winneba	3.68	3.69	3.71	3.72	Pass

Oti

District Capital	Average MOS (> 3.5)				Compliance Status
	Day 1	Day 2	Day 3	Day 4	
Jasikan	3.73	3.68	3.73	3.73	Pass
Kadjebi	3.75	3.72	3.76	3.73	Pass
Nkwanta	3.78	3.77	3.78	3.77	Pass

Upper East

District Capital	Average MOS (> 3.5)				Compliance Status
	Day 1	Day 2	Day 3	Day 4	
Bawku	3.66	3.65	3.68	3.67	Pass
Bolgatanga	3.75	3.76	3.74	3.72	Pass
Navrongo	3.77	3.75	3.77	3.76	Pass
Paga	3.78	3.76	3.75	3.73	Pass

Upper West

District Capital	Average MOS (> 3.5)				Compliance Status
	Day 1	Day 2	Day 3	Day 4	
Gwollu	3.81	3.79	3.80	3.80	Pass
Tumu	3.68	3.72	3.71	3.72	Pass
Wa	3.74	3.74	3.73	3.74	Pass

Volta

District Capital	Average MOS (>3.5)				Compliance Status
	Day 1	Day 2	Day 3	Day 4	
Akatsi	3.73	3.73	3.70	3.75	Pass
Dzolokpuita	3.76	3.75	3.79	3.80	Pass
Hohoe	3.69	3.71	3.73	3.74	Pass
Keta	3.72	3.78	3.75	3.77	Pass

Kpando	3.73	3.69	3.71	3.72	Pass
Kpeve	3.75	3.75	3.76	3.75	Pass

Western

District Capital	Average MOS (> 3.5)				Compliance Status
	Day 1	Day 2	Day 3	Day 4	
Agona Nkwanta	3.69	3.72	3.68	3.72	Pass
Axim	3.74	3.74	3.77	3.75	Pass
Daboase	3.75	3.73	3.77	3.75	Pass
Mpohor	3.78	3.77	3.76	3.78	Pass
Nkroful	3.77	3.77	3.79	3.78	Pass
Shama	3.76	3.75	3.77	3.75	Pass

Western North

District Capital	Average MOS (> 3.5)				Compliance Status
	Day 1	Day 2	Day 3	Day 4	
Adabokrom	3.68	3.60	3.73	3.81	Pass
Essam-Debiso	3.69	3.64	3.76	3.76	Pass

3G DATA

Ahafo

District Capital	Average Data Throughput \geq 256kbps (> 90%)				Compliance Status
	Day 1	Day 2	Day 3	Day 4	
BECHEM	100.00	100.00	100.00	100.00	Pass
DUAYAW	100.00	100.00	100.00	100.00	Pass
GOASO	97.83	100.00	100.00	98.73	Pass
KENYASI	100.00	100.00	100.00	100.00	Pass
KUKUOM	100.00	100.00	N/A	100.00	Pass

Bono

District Capital	Average Data Throughput \geq 256kbps (> 90%)				Compliance Status
	Day 1	Day 2	Day 3	Day 4	
Berekum	100.00	98.39	98.51	100.00	Pass
Dormaa ahenkro	92.68	96.67	92.31	91.84	Pass
Wamfie	100.00	100.0	100.00	100.00	Pass
Wenchi	98.85	98.92	100.00	95.52	Pass

Bono East

District Capital	Average Data Throughput \geq 256kbps ($> 90\%$)				Compliance Status
	Day 1	Day 2	Day 3	Day 4	
Atebubu	100.00%	100.00%	100.00%	97.87%	Pass
Busunya	98.72%	100.00%	100.00%	100.00%	Pass
Jema	99.24%	100.00%	100.00%	100.00%	Pass
Kajaji	100.00%	100.00%	100.00%	100.00%	Pass
Kintampo	100.00%	98.44%	97.06%	100.00%	Pass
Kwame Danso	100.00%	100.00%	98.44%	100.00%	Pass
Nkoranza	100.00%	97.10%	98.25%	100.00%	Pass
Yeji	96.23%	98.57%	100.00%	100.00%	Pass

Central

District Capital	Average Data Throughput \geq 256kbps ($>90\%$)				Compliance Status
	Day 1	Day 2	Day 3	Day 4	
Dunkwa	100.00	100.00	100.00	100.00	Pass
Elmina	99.46	100.00	100.00	100.00	Pass
Hemang	100.00	100.00	100.00	100.00	Pass
Kasoa	99.35	100.00	98.77	100.00	Pass
Saltpond	100.00	99.36	99.35	100.00	Pass
Twifo Praso	98.20	100.00	100.00	99.19	Pass
Winneba	97.56	98.02	100.00	98.89	Pass

Oti

District Capital	Average Data Throughput \geq 256kbps ($> 90\%$)				Compliance Status
	Day 1	Day 2	Day 3	Day 4	
Jasikan	100.00%	100.00%	100.00%	100.00%	Pass
Kadjebi	100.00%	100.00%	100.00%	100.00%	Pass
Nkwanta	98.57%	100.00%	100.00%	97.73%	Pass

Upper East

District Capital	Average Data Throughput \geq 256kbps ($> 90\%$)				Compliance Status
	Day 1	Day 2	Day 3	Day 4	
Bawku	100.00%	100.00%	100.00%	100.00%	Pass
Bolgatanga	100.00%	100.00%	100.00%	100.00%	Pass
Navrongo	100.00%	100.00%	100.00%	100.00%	Pass
Paga	98.89%	100.00%	100.00%	100.00%	Pass

Upper West

District Capital	Average Data Throughput \geq 256kbps ($>$ 90%)				Compliance Status
	Day 1	Day 2	Day 3	Day 4	
Gwollu	100.00%	100.00%	95.00%	100.00%	Pass
Tumu	82.35%	97.20%	95.35%	94.44%	Pass
Wa	100.00%	100.00%	100.00%	100.00%	Pass

Volta

District Capital	Average Data Throughput \geq 256kbps ($>$ 90%)				Compliance Status
	Day 1	Day 2	Day 3	Day 4	
Akatsi	96.15%	100.00%	100.00%	100.00%	Pass
Dzolokpuita	100.00%	100.00%	100.00%	100.00%	Pass
Hohoe	80.00%	90.91%	84.09%	92.59%	Pass
Keta	100.00%	98.39%	100.00%	100.00%	Pass
Kpando	100.00%	100.00%	100.00%	100.00%	Pass
Kpeve	100.00%	100.00%	100.00%	100.00%	Pass

Western

District Capital	Average Data Throughput \geq 256kbps ($>$ 90%)				Compliance Status
	Day 1	Day 2	Day 3	Day 4	
Agona Nkwanta	100.00	100.00	99.03	99.00	Pass
Axim	98.39	98.48	97.33	98.63	Pass
Daboase	100.00	100.00	97.50	100.00	Pass
Mpohor	98.67	100.00	100.00	100.00	Pass
Nkroful	97.73	97.78	100.00	98.92	Pass
Shama	100.00	100.00	100.00	100.00	Pass

Western North

District Capital	Average RSCP (\geq -105dBm)				Compliance Status
	Day 1	Day 2	Day 3	Day 4	
Adabokrom	98.68	100.00	100.00	100.00	Pass
Essam-Debiso	100.00	100.00	100.00	100.00	Pass

3G COVERAGE TEST

Ahafo

District Capital	Average RSCP ($\geq -105\text{dBm}$)				Compliance Status
	Day 1	Day 2	Day 3	Day 4	
Bechem	-76.50	-77.98	-77.34	-77.83	Pass
Duayaw nkwanta	-77.72	-75.63	-76.58	-76.34	Pass
Goaso	-78.35	-80.67	-78.69	-73.44	Pass
Kenyasi	-88.79	-86.48	-85.29	-85.07	Pass
Kukuom	-84.45	-83.39	-83.44	-77.25	Pass

Bono

district capital	Average RSCP ($\geq -105\text{dBm}$)				Compliance Status
	Day 1	Day 2	Day 3	Day 4	
Berekum	-80.13	-77.13	-79.10	-77.61	Pass
Dormaa ahenkro	-83.03	-83.93	-83.94	-84.80	Pass
Wamfie	-82.90	-81.71	-81.44	-82.76	Pass
Wenchi	-81.06	-81.71	-81.04	-80.33	Pass

Bono East

District Capital	Average RSRP ($> -105\text{dBm}$)				Compliance Status
	Day 1	Day 2	Day 3	Day 4	
Atebubu	-80.22	-79.06	-78.06	-78.90	Pass
Busunya	-86.48	-83.92	-84.67	-83.59	Pass
Jema	-73.59	-74.55	-76.45	-78.73	Pass
Kajaji	-76.08	-76.68	-75.08	-76.08	Pass
Kintampo	-74.73	-75.75	-77.46	-79.78	Pass
Kwame Danso	-79.60	-78.28	-79.44	-78.56	Pass
Nkoranza	-76.55	-75.67	-75.46	-75.33	Pass
Yeji	-80.83	-80.18	-80.63	-80.86	Pass

Central

District Capital	Average RSCP ($\geq -105\text{dBm}$)				Compliance Status
	Day 1	Day 2	Day 3	Day 4	
Dunkwa	-78.32	-77.58	-77.74	-78.87	Pass
Elmina	-84.53	-84.78	-88.89	-84.48	Pass
Hemang	-80.80	-80.18	-79.42	-79.19	Pass
Kasoa	-74.47	-76.23	-77.47	-76.27	Pass
Saltpond	-83.37	-79.58	-81.12	-79.02	Pass
Twifo Praso	-72.56	-72.85	-73.53	-73.85	Pass
Winneba	-78.62	-78.54	-76.94	-77.24	Pass

Oti

District Capital	Average RSCP ($\geq -105\text{dBm}$)				Compliance Status
	Day 1	Day 2	Day 3	Day 4	
Jasikan	-82.33	-83.07	-83.56	-84.14	Pass
Kadjebi	-79.11	-80.59	-78.45	-80.27	Pass
Nkwanta	-73.80	-73.13	-74.67	-75.06	Pass

Upper East

District Capital	Average RSCP ($\geq -105\text{dBm}$)				Compliance Status
	Day 1	Day 2	Day 3	Day 4	
Bawku	-77.36	-75.50	-75.40	-75.49	Pass
Bolgatanga	-74.79	-74.45	-75.22	-78.17	Pass
Navrongo	-79.90	-82.25	-77.74	-78.80	Pass
Paga	-82.15	-83.95	-82.15	-82.05	Pass

Upper West

District Capital	Average RSCP ($\geq -105\text{dBm}$)				Compliance Status
	Day 1	Day 2	Day 3	Day 4	
Gwollu	-76.87	-78.13	-78.79	-79.39	Pass
Tumu	-83.14	-85.50	-85.07	-85.05	Pass
Wa	-75.45	-76.38	-76.63	-76.61	Pass

Volta

District Capital	Average RSCP ($\geq -105\text{dBm}$)				Compliance Status
	Day 1	Day 2	Day 3	Day 4	
Akatsi	-77.09	-77.01	-77.23	-76.14	Pass
Dzolokpuita	-71.28	-69.36	-71.36	-70.52	Pass
Hohoe	-73.35	-72.52	-71.19	-73.42	Pass
Keta	-75.37	-77.66	-76.40	-75.97	Pass
Kpando	-79.11	-77.79	-80.16	-79.13	Pass
Kpeve	-81.76	-80.26	-81.48	-82.14	Pass

Western

District Capital	Average RSCP ($\geq -105\text{dBm}$)				Compliance Status
	Day 1	Day 2	Day 3	Day 4	
Agona Nkwanta	-79.78	-78.15	-81.19	-78.09	Pass
Axim	-82.29	-83.60	-82.64	-82.84	Pass
Daboase	-84.16	-85.05	-84.64	-84.56	Pass
Mpohor	-76.07	-78.99	-76.07	-76.01	Pass
Nkroful	-80.97	-81.85	-80.91	-80.56	Pass
Shama	-80.58	-80.45	-79.33	-79.95	Pass

Western North

District Capital	Average RSCP ($\geq -105\text{dBm}$)				Compliance Status
	Day 1	Day 2	Day 3	Day 4	
Adabokrom	-75.95	-77.94	-75.75	-78.54	Pass
Essam-Debiso	-77.06	-77.45	-78.78	-76.88	Pass

VODAFONE RESULTS

VOICE TEST (CST)

Ahafo

District Capital	95 th Percentile of Call Setup Time (<10 sec)				Compliance Status
	Day 1	Day 2	Day 3	Day 4	
Bechem	03.76	04.38	07.61	06.01	Pass
Duayaw nkwanta	05.64	05.25	05.16	04.54	Pass
Goaso	04.50	04.72	04.67	05.12	Pass
Kenyasi	04.06	04.10	04.03	03.80	Pass
Kukuom	04.27	04.45	04.24	04.20	Pass

Bono

District Capital	95 th Percentile of Call Setup Time (<10 sec)				Compliance Status
	Day 1	Day 2	Day 3	Day 4	
Berekum	09.12	08.55	09.28	09.12	Pass
Dormaa ahenkro	16.63	07.78	14.71	14.87	Pass
Wamfie	04.76	04.05	04.66	05.07	Pass
Wenchi	06.06	05.00	10.95	05.40	Pass

Bono East

District Capital	95 th Percentile of Call Setup Time (<10 sec)				Compliance Status
	Day 1	Day 2	Day 3	Day 4	
Atebubu	8.76	8.37	5.70	9.38	Pass
Busunya	3.54	4.21	3.74	3.77	Pass
Jema	5.14	4.65	3.83	4.15	Pass
Kajayi	4.79	4.09	3.80	4.54	Pass
Kimtampo	5.83	5.74	6.56	5.90	Pass
Kwame Danso	7.50	8.86	6.36	6.04	Pass
Nkoranza	5.00	4.75	5.30	5.48	Pass
Yeji	10.52	5.08	4.09	4.10	Pass

Central

District Capital	95 th Percentile of Call Setup Time (<10 sec)				Compliance Status
	Day 1	Day 2	Day 3	Day 4	
Dunkwa	03.97	03.91	04.05	04.01	Pass
Elmina	06.00	07.20	06.91	06.72	Pass
Hemang	03.70	07.75	03.33	03.60	Pass
Kasoa	13.10	11.98	11.50	12.60	Fail
Saltpond	12.53	12.14	11.28	12.40	Fail
Twifo Praso	03.85	07.54	06.52	04.35	Pass
Winneba	15.09	13.30	12.95	09.36	Pass

Oti

District Capital	95 th Percentile of Call Setup Time (<10 sec)				Compliance Status
	Day 1	Day 2	Day 3	Day 4	
Jasikan	04.42	03.67	04.27	04.40	Pass
Kadjebi	03.50	04.08	03.33	03.47	Pass
Nkwanta	05.71	05.01	05.35	05.04	Pass

Upper East

District Capital	95 th Percentile of Call Setup Time (<10 sec)				Compliance Status
	Day 1	Day 2	Day 3	Day 4	
Bawku	9.71	10.97	16.88	7.94	Pass
Bolgatanga	7.07	9.36	6.61	8.82	Pass
Navrongo	13.25	6.54	9.56	9.45	Pass
Paga	4.93	5.26	4.46	5.08	Pass

Upper West

District Capital	95 th Percentile of Call Setup Time (<10 sec)				Compliance Status
	Day 1	Day 2	Day 3	Day 4	
Gwollu	4.79	4.34	04.01	4.14	Pass
Tumu	4.83	7.15	5.56	4.68	Pass
Wa	10.29	12.75	8.78	9.86	Pass

Volta

District Capital	95 th Percentile of Call Setup Time (<10 sec)				Compliance Status
	Day 1	Day 2	Day 3	Day 4	
Akatsi	05.81	05.58	06.11	05.54	Pass
Dzolokpuita	04.65	03.24	04.65	04.83	Pass
Hohoe	05.10	03.94	05.50	05.30	Pass
Keta	07.18	05.50	14.61	06.46	Pass
Kpando	06.98	05.67	06.12	06.31	Pass
Kpeve	08.23	04.45	07.33	04.84	Pass

Western

District Capital	95 th Percentile of Call Setup Time (<10 sec)				Compliance Status
	Day 1	Day 2	Day 3	Day 4	
Agona Nkwanta	04.34	04.29	03.83	04.54	Pass
Axim	09.08	11.01	05.71	08.20	Pass
Daboase	05.66	05.34	04.68	05.95	Pass
Mpohor	03.52	07.83	04.84	03.65	Pass
Nkroful	04.19	03.68	03.70	04.30	Pass
Shama	04.11	03.70	04.10	04.40	Pass

Western North

District Capital	95 th Percentile of Call Setup Time (<10 sec)				Compliance Status
	Day 1	Day 2	Day 3	Day 4	
Adabokrom	04.11	03.80	04.00	03.61	Pass
Essam-Debiso	08.50	11.65	13.95	08.98	Pass

VOICE QUALITY (MOS)

Ahafo

District Capital	Average MOS (> 3.5)				Compliance Status
	Day 1	Day 2	Day 3	Day 4	
Bechem	3.51	3.35	3.31	3.34	Pass
Duayaw	3.25	3.30	3.32	3.30	Fail
Goaso	3.51	3.50	3.32	3.60	Pass
Kenyasi	3.44	3.64	3.50	3.53	Pass
Kukuom	3.60	3.54	3.60	3.73	Pass

Bono

District Capital	Average MOS (> 3.5)				Compliance Status
	Day 1	Day 2	Day 3	Day 4	
Berekum	3.17	3.16	3.19	3.26	Fail
Dormaa Ahenkro	2.99	3.21	3.03	3.10	Fail
Wamfie	3.40	3.60	3.63	3.60	Pass
Wenchi	3.26	3.33	3.30	3.29	Fail

Bono East

District Capital	Average MOS (> 3.5)				Compliance Status
	Day 1	Day 2	Day 3	Day 4	
Atebubu	3.10	2.96	2.89	3.05	Fail
Busunya	3.72	3.74	3.70	3.73	Pass
Jema	3.65	3.55	3.58	3.58	Pass
Kajaji	3.65	3.63	3.69	3.69	Pass
Kintampo	3.31	3.34	3.26	3.31	Fail
Kwame Danso	3.16	3.30	3.27	3.26	Fail
Nkoranza	3.41	3.44	3.39	3.43	Fail
Yeji	3.18	3.18	3.17	3.18	Fail

Central

District Capital	Average MOS (> 3.5)				Compliance Status
	Day 1	Day 2	Day 3	Day 4	
Dunkwa	3.67	3.68	3.68	3.72	Pass
Elmina	3.62	3.56	3.64	3.64	Pass
Hemang	3.76	3.61	3.75	3.75	Pass
Kasoa	3.16	3.25	3.21	3.19	Fail
Saltpond	3.70	3.65	3.57	3.56	Pass
Twifo Praso	3.45	3.50	3.39	3.44	Pass
Winneba	3.22	3.31	3.42	3.46	Fail

Oti

District Capital	Average MOS (> 3.5)				Compliance Status
	Day 1	Day 2	Day 3	Day 4	
Jasikan	3.74	3.78	3.74	3.70	Pass
Kadjebi	3.71	3.72	3.73	3.71	Pass
Nkwanta	3.30	3.22	3.33	3.29	Fail

Upper East

District Capital	Average MOS (> 3.5)				Compliance Status
	Day 1	Day 2	Day 3	Day 4	
Bawku	3.33	3.36	3.21	3.38	Fail
Bolgatanga	3.31	3.39	3.36	3.37	Fail
Navrongo	3.25	3.24	3.31	3.30	Fail
Paga	3.55	3.49	3.43	3.57	Pass

Upper West

District Capital	Average MOS (> 3.5)				Compliance Status
	Day 1	Day 2	Day 3	Day 4	
Gwollu	3.73	3.73	3.70	3.63	Pass
Tumu	3.46	3.54	3.46	3.57	Pass
Wa	3.39	3.41	3.36	3.33	Fail

Volta

District Capital	Average MOS (>3.5)				Compliance Status
	Day 1	Day 2	Day 3	Day 4	
Akatsi	3.41	3.38	3.39	3.41	Fail
Dzolokpuita	3.78	3.75	3.77	3.46	Pass
Hohoe	3.56	3.49	3.54	3.58	Pass
Keta	3.41	3.45	2.07	3.45	Fail

Kpando	3.33	3.36	3.34	3.43	Fail
Kpeve	3.19	3.08	3.10	3.11	Fail

Western

District Capital	Average MOS (> 3.5)				Compliance Status
	Day 1	Day 2	Day 3	Day 4	
Agona Nkwanta	3.68	3.19	3.72	3.68	Pass
Axim	3.61	3.58	3.68	3.65	Pass
Daboase	3.38	3.42	3.48	3.34	Fail
Mpohor	3.62	3.53	3.53	3.61	Pass
Nkroful	3.69	3.66	3.66	3.66	Pass
Shama	3.64	3.70	3.63	3.71	Pass

Western North

District Capital	Average MOS (> 3.5)				Compliance Status
	Day 1	Day 2	Day 3	Day 4	
Adabokrom	3.74	3.70	3.78	3.79	Pass
Essam-Debiso	3.47	3.54	3.47	3.59	Pass

3G DATA

Ahafo

District Capital	Average Data Throughput \geq 256kbps (> 90%)				Compliance Status
	Day 1	Day 2	Day 3	Day 4	
Bechem	98.75	100.00	100.00	100.00	Pass
Duayaw	100.00	100.00	100.00	100.00	Pass
Goaso	100.00	97.78	100.00	98.33	Pass
Kenyasi	100.00	100.00	100.00	100.00	Pass
Kukuom	100.00	100.00	100.00	100.00	Pass

Bono

District Capital	Average Data Throughput \geq 256kbps (> 90%)				Compliance Status
	Day 1	Day 2	Day 3	Day 4	
Berekum	95.31	93.85	98.48	95.08	Pass
Dormaa ahenkro	86.11	89.66	92.45	85.11	Pass
Wamfie	100.00	100.00	97.97	100.00	Pass
Wenchi	98.61	98.59	97.92	96.67	Pass

Bono East

District Capital	Average Data Throughput \geq 256kbps ($>$ 90%)				Compliance Status
	Day 1	Day 2	Day 3	Day 4	
Atebubu	100.00%	100.00%	100.00%	100.00%	Pass
Busunya	100.00%	100.00%	100.00%	100.00%	Pass
Jema	100.00%	100.00%	100.00%	100.00%	Pass
Kajaji	100.00%	100.00%	100.00%	100.00%	Pass
Kintampo	100.00%	100.00%	94.74%	100.00%	Pass
Kwame Danso	100.00%	100.00%	100.00%	100.00%	Pass
Nkoranza	91.49%	100.00%	100.00%	100.00%	Pass
Yeji	0.00%	98.53%	97.14%	100.00%	Pass

Central

District Capital	Average Data Throughput \geq 256kbps ($>$ 90%)				Compliance Status
	Day 1	Day 2	Day 3	Day 4	
Dunkwa	100.00	100.00	99.28	100.00	Pass
Elmina	100.00	100.00	100.00	100.00	Pass
Hemang	100.00	100.00	100.00	98.33	Pass
Kasoa	100.00	100.00	100.00	100.00	Pass
Saltpond	98.86	100.00	98.81	97.67	Pass
Twifo Praso	100.00	100.00	100.00	100.00	Pass
Winneba	98.70	95.95	93.26	100.00	Pass

Oti

District Capital	Average Data Throughput \geq 256kbps ($>$ 90%)				Compliance Status
	Day 1	Day 2	Day 3	Day 4	
Jasikan	96.88%	80.65%	100.00%	87.88%	Pass
Kadjebi	100.00%	100.00%	100.00%	100.00%	Pass
Nkwanta	98.44%	100.00%	100.00%	100.00%	Pass

Upper East

District Capital	Average Data Throughput \geq 256kbps ($>$ 90%)				Compliance Status
	Day 1	Day 2	Day 3	Day 4	
Bawku	92.77%	90.36%	95.05%	89.66%	Pass
Bolgatanga	98.95%	100.00%	100.00%	100.00%	Pass
Navrongo	100.00%	100.00%	93.75%	97.18%	Pass
Paga	100.00%	100.00%	100.00%	100.00%	Pass

Upper West

District Capital	Average Data Throughput \geq 256kbps ($> 90\%$)				Compliance Status
	Day 1	Day 2	Day 3	Day 4	
Gwollu	100.00%	100.00%	100.00%	100.00%	Pass
Tumu	100.00%	100.00%	100.00%	100.00%	Pass
Wa	95.28%	100.00%	100.00%	100.00%	Pass

Volta

District Capital	Average Data Throughput \geq 256kbps ($>90\%$)				Compliance Status
	Day 1	Day 2	Day 3	Day 4	
Akatsi	100.00%	100.00%	100.00%	100.00%	Pass
Dzolokpuita	100.00%	100.00%	79.31%	100.00%	Pass
Hohoe	0.00%	0.00%	0.00%	36.36%	Fail
Keta	100.00%	100.00%	69.57%	100.00%	Pass
Kpando	100.00%	100.00%	100.00%	100.00%	Pass
Kpeve	100.00	78.38%	100.00%	97.56%	Pass

Western

District Capital	Average Data Throughput \geq 256kbps ($>90\%$)				Compliance Status
	Day 1	Day 2	Day 3	Day 4	
Agona Nkwanta	100.00	100.00	100.00	100.00	Pass
Axim	97.33	98.48	95.06	97.01	Pass
Daboase	100.00	100.00	100.00	100.00	Pass
Mpohor	98.85	100.00	100.00	100.00	Pass
Nkroful	98.57	100.00	100.00	98.44	Pass
Shama	100.00	100.00	100.00	100.00	Pass

Western North

District Capital	Average RSCP ($\geq -105\text{dBm}$)				Compliance Status
	Day 1	Day 2	Day 3	Day 4	
Adabokrom	100.00	100.00	100.00	100.00	Pass
Essam-Debiso	100.00	100.00	100.00	100.00	Pass

3G COVERAGE TEST

Ahafo

District Capital	Average RSCP ($\geq -105\text{dBm}$)				Compliance Status
	Day 1	Day 2	Day 3	Day 4	
Bechem					
Duayaw nkwanta	-88.27	-88.36	-86.36	-86.90	Pass
Goaso	-82.21	-85.26	-88.68	-86.67	Pass
Kenyasi	-93.84	-90.49	-93.55	-91.60	Pass
Kukuom	N/A	-91.97	-94.61	-93.53	Pass

Bono

District capital	Average RSCP ($\geq -105\text{dBm}$)				Compliance Status
	Day 1	Day 2	Day 3	Day 4	
Berekum	-82.02	-82.20	-78.98	-79.82	Pass
Dormaa Ahenkro	-92.98	-92.81	-95.23	-96.69	Pass
Wamfie	-87.00	-86.88	-87.83	-87.80	Pass
Wenchi	-82.23	-82.54	-84.12	-82.94	Pass

Bono East

District Capital	Average RSRP ($> -105\text{dBm}$)				Compliance Status
	Day 1	Day 2	Day 3	Day 4	
Atebubu	-90.88	-91.42	-89.99	-90.17	Pass
Busunya	-75.30	-73.15	-74.00	-73.91	Pass
Jema	-81.50	-82.90	-86.01	-83.96	Pass
Kajaji	-74.24	74.71	-73.76	-73.18	Pass
Kintampo	-83.20	-83.36	-82.37	-84.77	Pass
Kwame Danso	-83.66	-87.90	-83.98	-85.96	Pass
Nkoranza	-79.80	-79.09	-82.12	-80.75	Pass
Yeji	-83.22	-84.46	-83.15	-83.84	Pass

Central

District Capital	Average RSCP ($\geq -105\text{dBm}$)				Compliance Status
	Day 1	Day 2	Day 3	Day 4	
Dunkwa	-91.89	-92.15	-91.89	-90.58	Pass
Elmina	-85.77	-86.52	-85.18	-87.17	Pass
Hemang	-85.87	-83.12	-81.59	-81.99	Pass
Kasoa	-77.32	-77.91	-78.95	-79.40	Pass
Saltpond	-83.92	-83.15	-83.40	-84.38	Pass
Twifo Praso	-86.55	-85.72	-85.97	-86.11	Pass
Winneba	-81.91	-80.02	-80.16	-79.93	Pass

Oti

District Capital	Average RSCP ($\geq -105\text{dBm}$)				Compliance Status
	Day 1	Day 2	Day 3	Day 4	
Jasikan	-82.33	-82.61	-83.15	-83.45	Pass
Kadjebi	-84.10	-83.06	-82.80	-83.79	Pass
Nkwanta	-87.44	-85.72	-85.75	-88.06	Pass

Upper East

District Capital	Average RSCP ($\geq -105\text{dBm}$)				Compliance Status
	Day 1	Day 2	Day 3	Day 4	
Bawku	-88.43	-89.86	-92.97	-89.10	Pass
Bolgatanga	-84.31	-84.67	-85.13	-85.27	Pass
Navrongo	-88.42	-88.87	-87.38	-89.13	Pass
Paga	-81.31	-82.38	-81.61	-81.46	Pass

Upper West

District Capital	Average RSCP ($\geq -105\text{dBm}$)				Compliance Status
	Day 1	Day 2	Day 3	Day 4	
Gwollu	-80.22	-78.77	-79.19	-80.48	Pass
Tumu	-84.19	-85.15	-83.00	-80.92	Pass
Wa	-81.38	-80.74	-80.54	-81.14	Pass

Volta

District Capital	Average RSCP ($\geq -105\text{dBm}$)				Compliance Status
	Day 1	Day 2	Day 3	Day 4	
Akatsi	-97.29	-97.72	-97.23	-97.19	Pass
Dzolokpuita	-75.20	-75.15	-75.72	-76.16	Pass
Hohoe	-80.56	-79.04	-78.91	-82.10	Pass
Keta	-95.57	-92.68	-94.81	-94.08	Pass
Kpando	-83.16	-81.92	-83.84	-83.80	Pass
Kpeve	-87.07	-88.71	-89.06	-86.44	Pass

Western

District Capital	Average RSCP ($\geq -105\text{dBm}$)				Compliance Status
	Day 1	Day 2	Day 3	Day 4	
Agona Nkwanta	-90.37	-88.15	-90.03	-89.34	Pass
Axim	-93.79	-93.79	-93.05	-94.40	Pass
Daboase	-83.10	-85.63	-84.09	-83.18	Pass
Mpohor	-90.64	-90.56	-90.64	-89.84	Pass
Nkroful	-81.68	-81.91	-82.06	-81.37	Pass
Shama	-86.97	-88.61	-87.08	-84.11	Pass

Western North

District Capital	Average RSCP ($\geq -105\text{dBm}$)				Compliance Status
	Day 1	Day 2	Day 3	Day 4	
Adabokrom	-77.06	-76.68	-78.66	-78.51	Pass
Essam-Debiso	-94.78	-93.74	-93.57	-90.65	Pass