Seychelles Static Test

District: Glacis

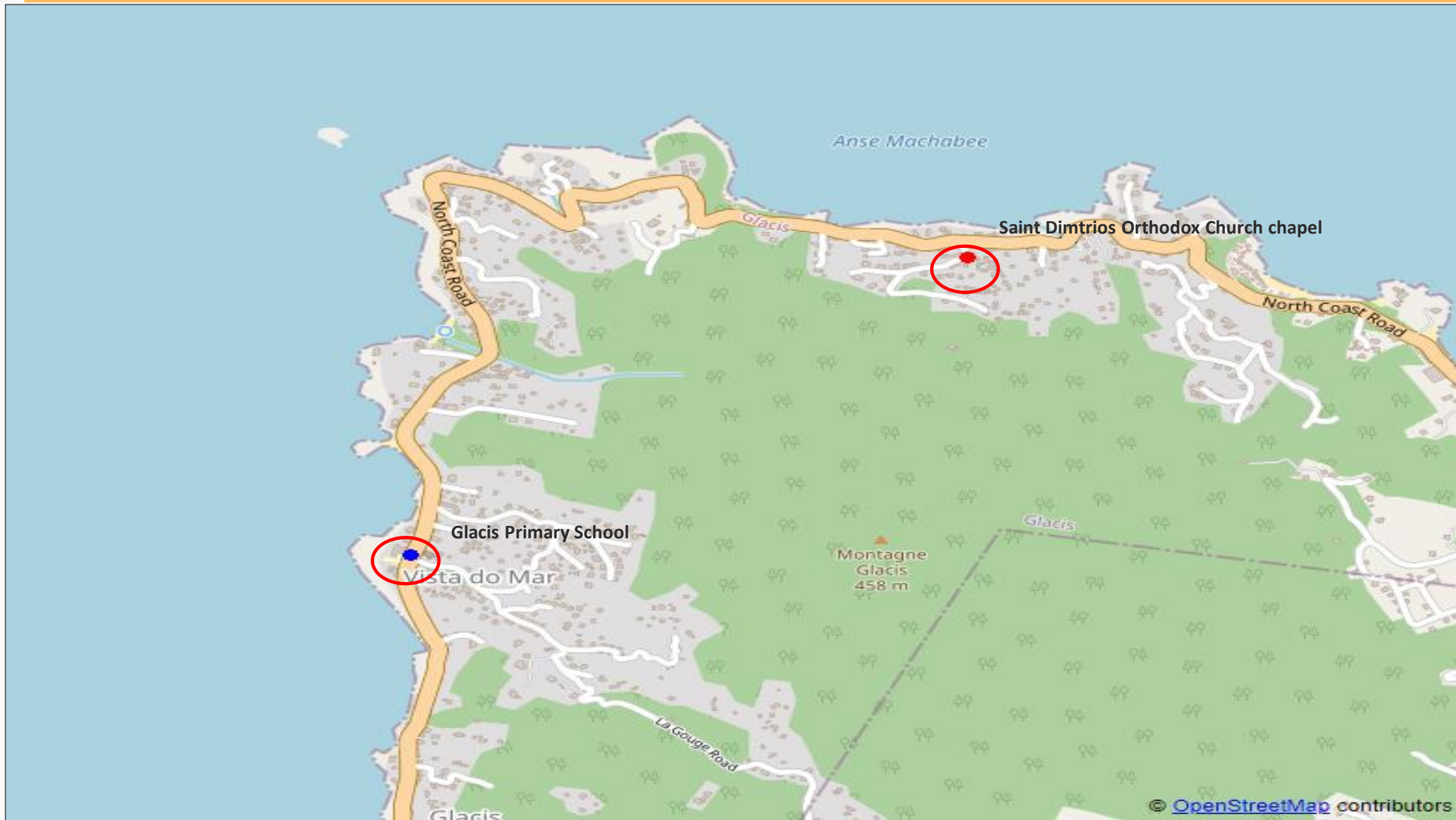**Date of Testing:- 26th Sep 2024**

Report Date:- 04th Oct 2024

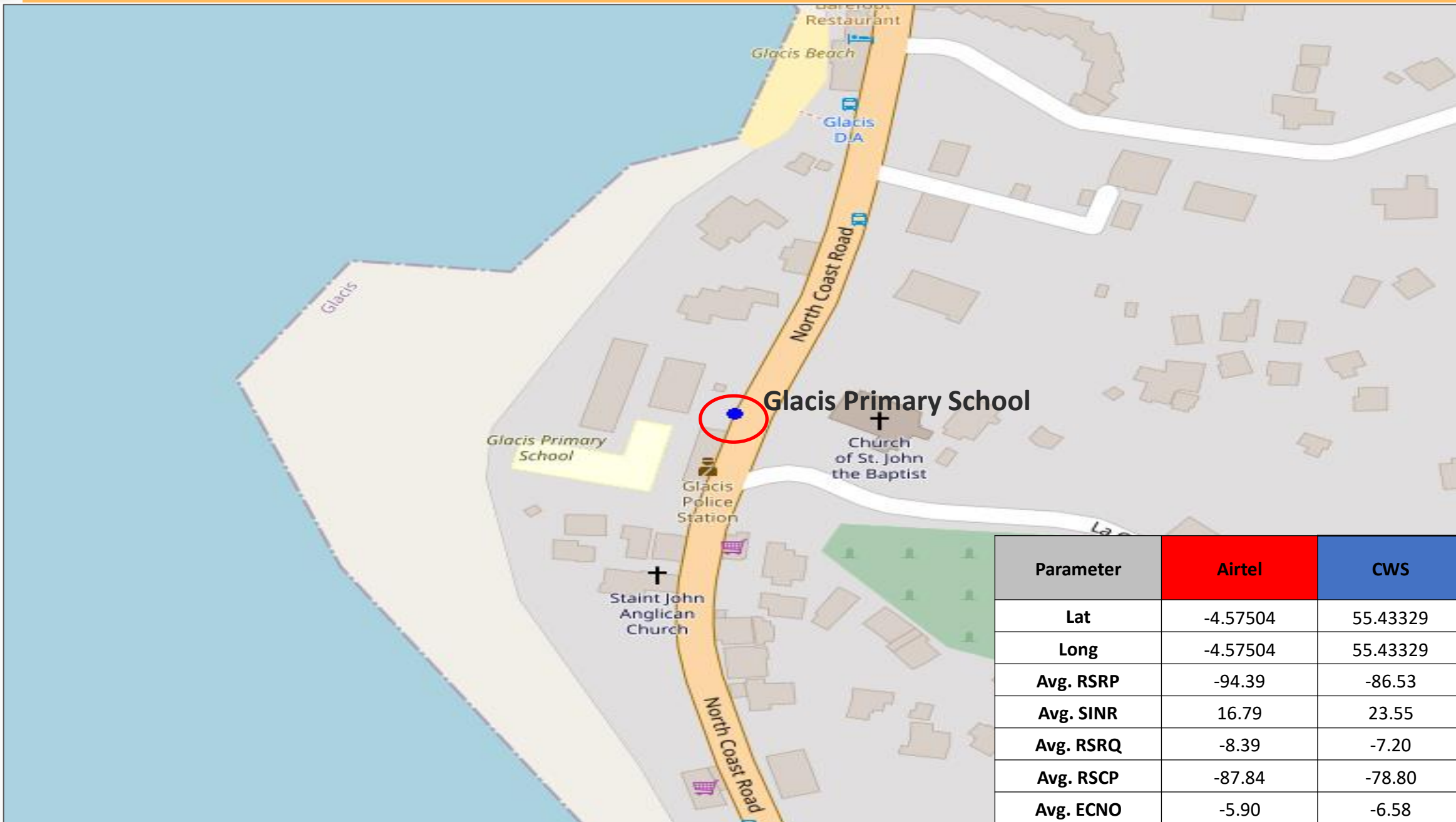# VOICE TEST METHODOLOGY

DATA	Test Type and Timeout	Technology 3G Preferred	Technology 4G Preferred
POP always on. ICMP PAYLOAD PING 800 BYTES			
1	FILE TRANSFER DOWNLOAD	FTP DL (3MB)	FTP DL (5MB)
	135s	wait 10s	wait 10s
2	FILE TRANSFER UPLOAD	FTP UL (1MB)	FTP UL (3MB)
	135s	wait 10s	wait 10s
3	FILE TRANSFER DOWNLOAD	HTTP Get (3MB)	HTTP Get (5MB)
	135s	wait 10s	wait 10s
4	FILE TRANSFER UPLOAD	HTTP Put (1MB)	HTTP Put (3MB)
	135s	wait 10s	wait 10s
5	ICMP PING 32 BYTES	Ping (32 bytes) *5	Ping (32 bytes) *5
		wait 10s	wait 10s
6	YOUTUBE STREAMING	Video: YouTube 60sec	Video: YouTube 60sec
	95 seconds	wait 10s	wait 10s
7	KEPLER WEB BROWSING	HTTPS Browsing: Kepler	HTTPS Browsing: Kepler
	45s	wait 10s	wait 10s
8	LIVE WEB BROWSING	www.shein.com, www.nbs.gov.sc, www.sbc.sc	www.shein.com, www.nbs.gov.sc, www.sbc.sc
	45s	wait 10s	wait 10s
9	KEPLER MOBILE WEB BROWSING	HTTPS Browsing: Kepler Mobile	HTTPS Browsing: Kepler Mobile
	45s	wait 10s	wait 10s
10	ICMP PING 32 BYTES	Ping (32 bytes) 5 www.google.com	Ping (32 bytes) 5 www.google.com
		wait 10s	wait 10s
11	FILE TRANSFER-CAPACITY DOWNLOAD	HTTP Get (500MB) Multiple files	HTTP Get (500MB) Multiple files
	10s fixed duration	wait 10s	wait 10s
12	FILE TRANSFER-CAPACITY UPLOAD	HTTP Put (500MB)-Multiple Files	HTTP Put (500MB)-Multiple Files
	10s fixed duration	wait 10s	wait 10s

Anse Machabee

Saint Dimtrios Orthodox Church chapel

North Coast Road

Glacis

North Coast Road

Glacis Primary School

Vista do Mar

Montagne Glacis 458 m

Glacis

La Gouge Road

Glacis

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Parameter	Airtel	CWS
Lat	-4.57504	55.43329
Long	-4.57504	55.43329
Avg. RSRP	-94.39	-86.53
Avg. SINR	16.79	23.55
Avg. RSRQ	-8.39	-7.20
Avg. RSCP	-87.84	-78.80
Avg. ECNO	-5.90	-6.58

4G Preferred Data Findings:

- Airtel SFTP DL is (16.23 Mbps), while SFTP UL is (7.07 Mbps), CWS SFTP DL is (9.70 Mbps), while SFTP UL is (4.22 Mbps)

- Airtel HTTP DL is (23.65 Mbps), HTTP Capacity DL is (74.29 Mbps) ,HTTP UL is (10.49 Mbps) , and HTTP Capacity UL is (17.93 Mbps).

- CWS HTTP DL is (13.36 Mbps), HTTP Capacity DL is (90.33 Mbps) ,HTTP UL is (7.02 Mbps) , and HTTP Capacity UL is (14.20 Mbps).

- On live web page testing for browsing, www.shein.com took (6.43s), www.nbs.gov.sc took (16.45s), and www.sbc.sc took (16.35s) on Airtel.

- On live web page testing for browsing, www.shein.com took (5.83s), www.nbs.gov.sc took (15.99s), and www.sbc.sc took (12.99s) on CWS.

- On static browsing, Kepler Webpage took (3.85s), and Kepler Mobile took (1.63s) on Airtel.

- On static browsing, Kepler Webpage took (4.13s), and Kepler Mobile took (2.53s) on CWS.

- YouTube average resolution in Airtel is (1046.24) pixels.

- YouTube average resolution in CWS is (1046.89) pixels.

- Airtel scored 40.00% in Carrier Aggregation (CA).

- CWS scored 25.00% in Carrier Aggregation (CA).

3G Preferred Data Test Findings:

- Airtel SFTP DL is (6.41 Mbps), while SFTP UL is (1.33 Mbps), CWS SFTP DL is (3.74 Mbps), while SFTP UL is (1.29 Mbps)

- Airtel HTTP DL is (6.86 Mbps), HTTP Capacity DL is (11.44 Mbps) ,HTTP UL is (1.75 Mbps) , and HTTP Capacity UL is (3.82 Mbps).

- CWS HTTP DL is (3.58 Mbps), HTTP Capacity DL is (8.85 Mbps) ,HTTP UL is (2.59 Mbps) , and HTTP Capacity UL is (5.91 Mbps).

- On live web page testing for browsing, www.shein.com took (7.91s), www.nbs.gov.sc took (10.08s), and www.sbc.sc took (12.16s) on Airtel.

- On live web page testing for browsing, www.shein.com took (8.91s), www.nbs.gov.sc took (7.82s), and www.sbc.sc took (9.25s) on CWS.

- On static browsing, Kepler Webpage took (3.05s), and Kepler Mobile took (1.55s) on Airtel.

- On static browsing, Kepler Webpage took (4.87s), and Kepler Mobile took (2.25s) on CWS.

- YouTube average resolution in Airtel is (1047.27) pixels.

- YouTube average resolution in CWS is (1039.89) pixels.

DRIVE TEST KPI STATISTICS

DATA Scenario		Airtel 3G	CWS 3G	Airtel 3G (Rank)	CWS 3G (Rank)	Airtel 4G	CWS 4G	Airtel 4G (Rank)	CWS 4G (Rank)
		3G Preferred				**4G Preferred**			
FILE TRANSFER	SFTP DL (Mbps)	6.41	3.74	1	2	16.23	9.70	1	2
	SFTP UL(Mbps)	1.33	1.29	1	2	7.07	4.22	1	2
	HTTP DL(Mbps)	6.86	3.58	1	2	23.65	13.36	1	2
	HTTP UL(Mbps)	1.75	2.59	2	1	10.49	7.02	1	2
	HTTP Capacity DL(Mbps)	11.44	8.85	1	2	74.29	90.33	2	1
	HTTP Capacity UL(Mbps)	3.82	5.91	2	1	17.93	14.20	1	2
BROWSER	Overall Browser DL Time (s)	7.05	6.62	2	1	9.02	8.29	2	1
	Kepler Webpage DL Time (s)	3.05	4.87	1	2	3.85	4.13	1	2
	Mobile Kepler Webpage DL Time (s)	1.55	2.25	1	2	1.63	2.53	1	2
	www.shein.com Webpage DL Time (s)	7.91	8.91	1	2	6.43	5.83	2	1
	www.nbs.gov.sc Webpage DL Time (s)	10.08	7.82	2	1	16.45	15.99	2	1
	www.sbc.sc Webpage DL Time (s)	12.16	9.25	2	1	16.35	12.99	2	1
LATENCY	Avg Latency (ms)	276.06	233.08	2	1	257.30	166.28	2	1
	Median Latency (ms)	393	197	2	1	138	189	1	2
YOUTUBE	YouTube Access Time (s)	3.08	1.82	2	1	5.25	1.35	2	1
	YouTube Average Resolution (pixels)	1047.27	1039.89	1	2	1046.24	1046.89	2	1
	YouTube Success Ratio [%]	100.00	100.00	1	1	100.00	100.00	1	1

4G PREFERRED THROUGHPUT COMPARISON

Test Type	Status	Airtel 4G	CWS 4G	Airtel 4G (%)	CWS 4G (%)
SFTP DL	Success	13	13	100.00	100.00
	Failure	0	0	0.00	0.00
SFTP UL	Success	13	13	100.00	100.00
	Failure	0	0	0.00	0.00
HTTP DL	Success	13	13	100.00	100.00
	Failure	0	0	0.00	0.00
HTTP UL	Success	13	13	100.00	100.00
	Failure	0	0	0.00	0.00
HTTP Capacity DL	Success	12	12	100.00	100.00
	Failure	0	0	0.00	0.00
HTTP Capacity UL	Success	12	12	100.00	100.00
	Failure	0	0	0.00	0.00

	DATA Scenario	Airtel 4G	CWS 4G	Airtel 4G (Rank)	CWS 4G (Rank)
FILE TRANSFER	SFTP DL (Mbps)	16.23	9.70	1	2
	SFTP UL(Mbps)	7.07	4.22	1	2
	HTTP DL(Mbps)	23.65	13.36	1	2
	HTTP UL(Mbps)	10.49	7.02	1	2
	HTTP Capacity DL(Mbps)	74.29	90.33	2	1
	HTTP Capacity UL(Mbps)	17.93	14.20	1	2

4G PREFERRED BROWSING COMPARISON

Web Page	Status	Airtel 4G	CWS 4G	Airtel 4G (%)	CWS 4G (%)
Kepler	Success	12	12	92.31	100.00
	Failure	1	0	7.69	0.00
Mobile Kepler	Success	12	12	100.00	100.00
	Failure	0	0	0.00	0.00
www.shein.com	Success	13	12	100.00	100.00
	Failure	0	0	0.00	0.00
www.nbs.gov.sc	Success	13	12	100.00	100.00
	Failure	0	0	0.00	0.00
www.sbc.sc	Success	12	12	92.31	100.00
	Failure	1	0	7.69	0.00

	DATA Scenario	Airtel 4G	CWS 4G	Airtel 4G (Rank)	CWS 4G (Rank)
BROWSER	Overall Browser DL Time (s)	9.02	8.29	2	1
	Kepler Webpage DL Time (s)	3.85	4.13	1	2
	Mobile Kepler Webpage DL Time (s)	1.63	2.53	1	2
	www.shein.com Webpage DL Time (s)	6.43	5.83	2	1
	www.nbs.gov.sc Webpage DL Time (s)	16.45	15.99	2	1
	www.sbc.sc Webpage DL Time (s)	16.35	12.99	2	1

4G PREFERRED LATENCY & YOUTUBE COMPARISON

	Latency KPIs	Airtel 4G	CWS 4G
Overall Latency	Sample Count [32 bytes]	25	25
	Average Latency [ms]	252.04	170.48
	Median Latency [ms]	126	189
	Ping session status: Successful	25	25
	Ping session status: Failed [Socket error]	0	0
	Ping session status: Failed [Protocol error timeout]	0	0
	Packet Loss<1%	0.00	0.00
www.google.com	Average Latency [ms]	396.67	144.17
	Median Latency [ms]	397	142
	Ping session status: Successful	12	12
	Ping session status: Failed [Socket error]	0	0
	Ping session status: Failed [Protocol error timeout]	0	0
	Packet Loss<1%	0.00	0.00
102.133.176.104	Average Latency [ms]	118.54	194.77
	Median Latency [ms]	118	194
	Ping session status: Successful	13	13
	Ping session status: Failed [Socket error]	0	0
	Ping session status: Failed [Protocol error timeout]	0	0
	Packet Loss<1%	0.00	0.00

LTE YOUTUBE Success Ratio		
KPIs	**Airtel Data 4G**	**CWS Data 4G**
Attempt(Count)	13	13
Success(Count)	13	13
Failure(Count)	0	0
YouTube Access Time (s)	5.25	1.35
YouTube Average Resolution (pixels)	1046.24	1046.89
YouTube Success Ratio [%]	100.00	100.00

Latency 250ms

3G PREFERRED THROUGHPUT COMPARISON

Test Type	Status	Airtel 3G	CWS 3G	Airtel 3G (%)	CWS 3G (%)
SFTP DL	Success	11	11	100.00	100.00
	Failure	0	0	0.00	0.00
SFTP UL	Success	11	10	100.00	90.91
	Failure	0	1	0.00	9.09
HTTP DL	Success	11	11	100.00	100.00
	Failure	0	0	0.00	0.00
HTTP UL	Success	11	11	100.00	100.00
	Failure	0	0	0.00	0.00
HTTP Capacity DL	Success	10	10	100.00	100.00
	Failure	0	0	0.00	0.00
HTTP Capacity UL	Success	10	10	100.00	100.00
	Failure	0	0	0.00	0.00

	DATA Scenario	Airtel 3G	CWS 3G	Airtel 3G (Rank)	CWS 3G (Rank)
FILE TRANSFER	SFTP DL (Mbps)	6.41	3.74	1	2
	SFTP UL(Mbps)	1.33	1.29	1	2
	HTTP DL(Mbps)	6.86	3.58	1	2
	HTTP UL(Mbps)	1.75	2.59	2	1
	HTTP Capacity DL(Mbps)	11.44	8.85	1	2
	HTTP Capacity UL(Mbps)	3.82	5.91	2	1

3G PREFERRED BROWSING COMPARISON

Web Page	Status	Airtel 3G	CWS 3G	Airtel 3G(%)	CWS 3G (%)
Kepler	Success	11	10	100.00	100.00
	Failure	0	0	0.00	0.00
Mobile Kepler	Success	10	10	100.00	100.00
	Failure	0	0	0.00	0.00
www.shein.com	Success	11	10	100.00	100.00
	Failure	0	0	0.00	0.00
www.nbs.gov.sc	Success	11	10	100.00	100.00
	Failure	0	0	0.00	0.00
www.sbc.sc	Success	11	10	100.00	100.00
	Failure	0	0	0.00	0.00

	DATA Scenario	Airtel 3G	CWS 3G	Airtel 3G (Rank)	CWS 3G (Rank)
BROWSER	Overall Browser DL Time (s)	7.05	6.62	2	1
	Kepler Webpage DL Time (s)	3.05	4.87	1	2
	Mobile Kepler Webpage DL Time (s)	1.55	2.25	1	2
	www.shein.com Webpage DL Time (s)	7.91	8.91	1	2
	www.nbs.gov.sc Webpage DL Time (s)	10.08	7.82	2	1
	www.sbc.sc Webpage DL Time (s)	12.16	9.25	2	1

3G PREFERRED LATENCY & YOUTUBE COMPARISON

	Latency KPIs	Airtel 3G	CWS 3G
Overall Latency	Sample Count [32 bytes]	15	19
	Average Latency [ms]	316.73	226.00
	Median Latency [ms]	399	139
	Ping session status: Successful	15	19
	Ping session status: Failed [Socket error]	0	0
	Ping session status: Failed [Protocol error timeout]	6	2
	Packet Loss<1%	28.57	9.52
www.google.com	Average Latency [ms]	411.40	138.10
	Median Latency [ms]	409	138
	Ping session status: Successful	10	10
	Ping session status: Failed [Socket error]	0	0
	Ping session status: Failed [Protocol error timeout]	0	0
	Packet Loss<1%	0.00	0.00
102.133.176.104	Average Latency [ms]	127.40	323.67
	Median Latency [ms]	118	349
	Ping session status: Successful	5	9
	Ping session status: Failed [Socket error]	0	0
	Ping session status: Failed [Protocol error timeout]	6	2
	Packet Loss<1%	54.55	18.18

UMTS YOUTUBE Success Ratio		
KPIs	Airtel 3G	CWS 3G
Attempt(Count)	11	11
Success(Count)	11	11
Failure(Count)	0	0
YouTube Access Time (s)	3.08	1.82
YouTube Average Resolution (pixels)	1047.27	1039.89
YouTube Success Ratio [%]	100.00	100.00

Latency 250ms

Saint Dimtrios Orthodox Church chapel

Parameter	Airtel	CWS
Lat	-4.56533	55.44613
Long	-4.56533	55.44613
Avg. RSRP	-89.46	-80.26
Avg. SINR	9.72	22.28
Avg. RSRQ	-10.64	-6.85
Avg. RSCP	-74.14	-73.44
Avg. ECNO	-6.32	-5.37
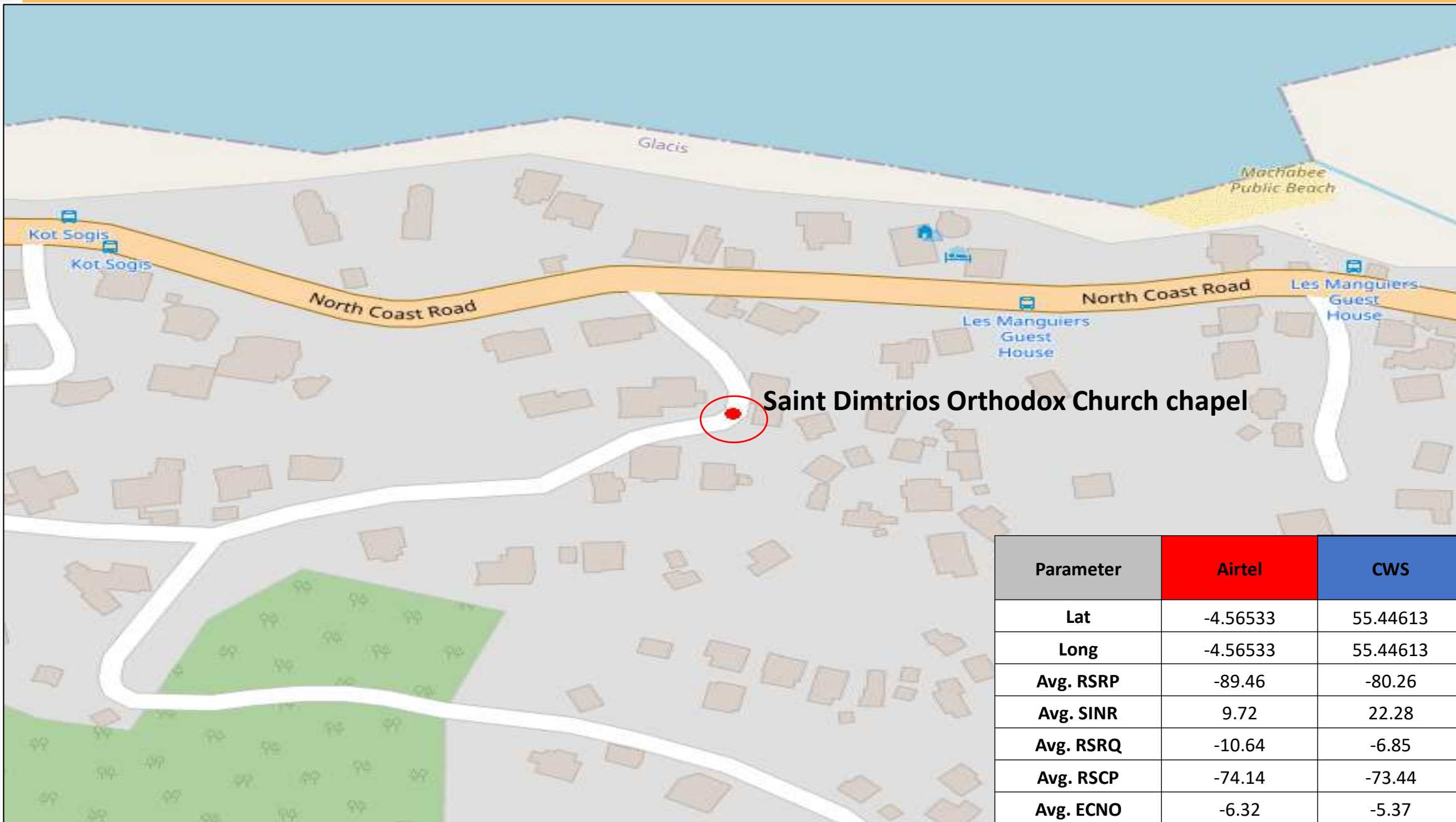
4G Preferred Data Findings:

- Airtel SFTP DL is (16.67 Mbps), while SFTP UL is (9.94 Mbps), CWS SFTP DL is (7.36 Mbps), while SFTP UL is (4.36 Mbps)

- Airtel HTTP DL is (26.40 Mbps), HTTP Capacity DL is (85.61 Mbps) ,HTTP UL is (18.29 Mbps) , and HTTP Capacity UL is (41.66 Mbps).

- CWS HTTP DL is (8.61 Mbps), HTTP Capacity DL is (75.22 Mbps) ,HTTP UL is (9.25 Mbps) , and HTTP Capacity UL is (53.14 Mbps).

- On live web page testing for browsing, www.shein.com took (6.21s), www.nbs.gov.sc took (16.24s), and www.sbc.sc took (14.52s) on Airtel.

- On live web page testing for browsing, www.shein.com took (6.48s), www.nbs.gov.sc took (16.85s), and www.sbc.sc took (12.50s) on CWS.

- On static browsing, Kepler Webpage took (3.66s), and Kepler Mobile took (1.61s) on Airtel.

- On static browsing, Kepler Webpage took (4.94s), and Kepler Mobile took (2.79s) on CWS.

- YouTube average resolution in Airtel is (1048.81) pixels.

- YouTube average resolution in CWS is (1047.23) pixels.

- Airtel scored 51.85% in Carrier Aggregation (CA).

- CWS scored 20.00% in Carrier Aggregation (CA).

3G Preferred Data Test Findings:

- Airtel SFTP DL is (7.09 Mbps), while SFTP UL is (2.04 Mbps), CWS SFTP DL is (4.31 Mbps), while SFTP UL is (1.33 Mbps)

- Airtel HTTP DL is (6.06 Mbps), HTTP Capacity DL is (10.12 Mbps) ,HTTP UL is (3.18 Mbps) , and HTTP Capacity UL is (6.04 Mbps).

- CWS HTTP DL is (4.19 Mbps), HTTP Capacity DL is (9.49 Mbps) ,HTTP UL is (2.79 Mbps) , and HTTP Capacity UL is (5.66 Mbps).

- On live web page testing for browsing, www.shein.com took (8.50s), www.nbs.gov.sc took (10.30s), and www.sbc.sc took (9.25s) on Airtel.

- On live web page testing for browsing, www.shein.com took (8.30s), www.nbs.gov.sc took (7.52s), and www.sbc.sc took (7.65s) on CWS.

- On static browsing, Kepler Webpage took (3.37s), and Kepler Mobile took (1.53s) on Airtel.

- On static browsing, Kepler Webpage took (4.91s), and Kepler Mobile took (2.29s) on CWS.

- YouTube average resolution in Airtel is (1047.27) pixels.

- YouTube average resolution in CWS is (1042.37) pixels.

DRIVE TEST KPI STATISTICS

DATA Scenario		Airtel 3G	CWS 3G	Airtel 3G (Rank)	CWS 3G (Rank)	Airtel 4G	CWS 4G	Airtel 4G (Rank)	CWS 4G (Rank)
		3G Preferred				**4G Preferred**			
FILE TRANSFER	SFTP DL (Mbps)	7.09	4.31	1	2	16.67	7.36	1	2
	SFTP UL(Mbps)	2.04	1.33	1	2	9.94	4.36	1	2
	HTTP DL(Mbps)	6.06	4.19	1	2	26.40	8.61	1	2
	HTTP UL(Mbps)	3.18	2.79	1	2	18.29	9.25	1	2
	HTTP Capacity DL(Mbps)	10.12	9.49	1	2	85.61	75.22	1	2
	HTTP Capacity UL(Mbps)	6.04	5.66	1	2	41.66	53.14	2	1
BROWSER	Overall Browser DL Time (s)	6.51	6.15	2	1	8.44	8.70	1	2
	Kepler Webpage DL Time (s)	3.37	4.91	1	2	3.66	4.94	1	2
	Mobile Kepler Webpage DL Time (s)	1.53	2.29	1	2	1.61	2.79	1	2
	www.shein.com Webpage DL Time (s)	8.50	8.30	2	1	6.21	6.48	1	2
	www.nbs.gov.sc Webpage DL Time (s)	10.30	7.52	2	1	16.24	16.85	1	2
	www.sbc.sc Webpage DL Time (s)	9.25	7.65	2	1	14.52	12.50	2	1
LATENCY	Avg Latency (ms)	282.46	211.92	2	1	277.24	267.18	2	1
	Median Latency (ms)	392	194	2	1	147	203	1	2
YOUTUBE	YouTube Access Time (s)	3.17	1.66	2	1	5.22	1.59	2	1
	YouTube Average Resolution (pixels)	1047.27	1042.37	1	2	1048.81	1047.23	1	2
	YouTube Success Ratio [%]	100.00	100.00	1	1	100.00	100.00	1	1

Test Type	Status	Airtel 4G	CWS 4G	Airtel 4G (%)	CWS 4G (%)
SFTP DL	Success	13	12	100.00	100.00
	Failure	0	0	0.00	0.00
SFTP UL	Success	13	12	100.00	100.00
	Failure	0	0	0.00	0.00
HTTP DL	Success	13	12	100.00	100.00
	Failure	0	0	0.00	0.00
HTTP UL	Success	13	12	100.00	100.00
	Failure	0	0	0.00	0.00
HTTP Capacity DL	Success	12	11	100.00	100.00
	Failure	0	0	0.00	0.00
HTTP Capacity UL	Success	12	11	100.00	100.00
	Failure	0	0	0.00	0.00

	DATA Scenario	Airtel 4G	CWS 4G	Airtel 4G (Rank)	CWS 4G (Rank)
FILE TRANSFER	SFTP DL (Mbps)	16.67	7.36	1	2
	SFTP UL(Mbps)	9.94	4.36	1	2
	HTTP DL(Mbps)	26.40	8.61	1	2
	HTTP UL(Mbps)	18.29	9.25	1	2
	HTTP Capacity DL(Mbps)	85.61	75.22	1	2
	HTTP Capacity UL(Mbps)	41.66	53.14	2	1

4G PREFERRED BROWSING COMPARISON

Web Page	Status	Airtel 4G	CWS 4G	Airtel 4G (%)	CWS 4G (%)
Kepler	Success	13	12	100.00	100.00
	Failure	0	0	0.00	0.00
Mobile Kepler	Success	13	12	100.00	100.00
	Failure	0	0	0.00	0.00
www.shein.com	Success	13	12	100.00	100.00
	Failure	0	0	0.00	0.00
www.nbs.gov.sc	Success	13	12	100.00	100.00
	Failure	0	0	0.00	0.00
www.sbc.sc	Success	13	12	100.00	100.00
	Failure	0	0	0.00	0.00

	DATA Scenario	Airtel 4G	CWS 4G	Airtel 4G (Rank)	CWS 4G (Rank)
BROWSER	Overall Browser DL Time (s)	8.44	8.70	1	2
	Kepler Webpage DL Time (s)	3.66	4.94	1	2
	Mobile Kepler Webpage DL Time (s)	1.61	2.79	1	2
	www.shein.com Webpage DL Time (s)	6.21	6.48	1	2
	www.nbs.gov.sc Webpage DL Time (s)	16.24	16.85	1	2
	www.sbc.sc Webpage DL Time (s)	14.52	12.50	2	1

4G PREFERRED LATENCY & YOUTUBE COMPARISON

	Latency KPIs	Airtel 4G	CWS 4G
Overall Latency	Sample Count [32 bytes]	23	24
	Average Latency [ms]	256.09	272.25
	Median Latency [ms]	147	215
	Ping session status: Successful	23	24
	Ping session status: Failed [Socket error]	0	0
	Ping session status: Failed [Protocol error timeout]	2	0
	Packet Loss<1%	8.00	0.00
www.google.com	Average Latency [ms]	419.00	180.33
	Median Latency [ms]	416	153
	Ping session status: Successful	10	12
	Ping session status: Failed [Socket error]	0	0
	Ping session status: Failed [Protocol error timeout]	2	0
	Packet Loss<1%	16.67	0.00
102.133.176.104	Average Latency [ms]	130.77	364.17
	Median Latency [ms]	137	350
	Ping session status: Successful	13	12
	Ping session status: Failed [Socket error]	0	0
	Ping session status: Failed [Protocol error timeout]	0	0
	Packet Loss<1%	0.00	0.00

LTE YOUTUBE Success Ratio		
KPIs	Airtel Data 4G	CWS Data 4G
Attempt(Count)	13	12
Success(Count)	13	12
Failure(Count)	0	0
YouTube Access Time (s)	5.22	1.59
YouTube Average Resolution (pixels)	1048.81	1047.23
YouTube Success Ratio [%]	100.00	100.00

Latency 250ms

3G PREFERRED THROUGHPUT COMPARISON

Test Type	Status	Airtel 3G	CWS 3G	Airtel 3G (%)	CWS 3G (%)
SFTP DL	Success	11	11	100.00	100.00
	Failure	0	0	0.00	0.00
SFTP UL	Success	11	11	100.00	100.00
	Failure	0	0	0.00	0.00
HTTP DL	Success	11	11	100.00	100.00
	Failure	0	0	0.00	0.00
HTTP UL	Success	11	11	100.00	100.00
	Failure	0	0	0.00	0.00
HTTP Capacity DL	Success	10	11	100.00	100.00
	Failure	0	0	0.00	0.00
HTTP Capacity UL	Success	10	9	100.00	90.00
	Failure	0	1	0.00	10.00

	DATA Scenario	Airtel 3G	CWS 3G	Airtel 3G (Rank)	CWS 3G (Rank)
FILE TRANSFER	SFTP DL (Mbps)	7.09	4.31	1	2
	SFTP UL(Mbps)	2.04	1.33	1	2
	HTTP DL(Mbps)	6.06	4.19	1	2
	HTTP UL(Mbps)	3.18	2.79	1	2
	HTTP Capacity DL(Mbps)	10.12	9.49	1	2
	HTTP Capacity UL(Mbps)	6.04	5.66	1	2

3G PREFERRED BROWSING COMPARISON

Web Page	Status	Airtel 3G	CWS 3G	Airtel 3G(%)	CWS 3G (%)
Kepler	Success	11	11	100.00	100.00
Kepler	Failure	0	0	0.00	0.00
Mobile Kepler	Success	11	10	100.00	100.00
Mobile Kepler	Failure	0	0	0.00	0.00
www.shein.com	Success	11	11	100.00	100.00
www.shein.com	Failure	0	0	0.00	0.00
www.nbs.gov.sc	Success	11	10	100.00	90.91
www.nbs.gov.sc	Failure	0	1	0.00	9.09
www.sbc.sc	Success	11	10	100.00	100.00
www.sbc.sc	Failure	0	0	0.00	0.00

	DATA Scenario	Airtel 3G	CWS 3G	Airtel 3G (Rank)	CWS 3G (Rank)
BROWSER	Overall Browser DL Time (s)	6.51	6.15	2	1
	Kepler Webpage DL Time (s)	3.37	4.91	1	2
	Mobile Kepler Webpage DL Time (s)	1.53	2.29	1	2
	www.shein.com Webpage DL Time (s)	8.50	8.30	2	1
	www.nbs.gov.sc Webpage DL Time (s)	10.30	7.52	2	1
	www.sbc.sc Webpage DL Time (s)	9.25	7.65	2	1

3G PREFERRED LATENCY & YOUTUBE COMPARISON

	Latency KPIs	Airtel 3G	CWS 3G
Overall Latency	Sample Count [32 bytes]	18	21
	Average Latency [ms]	407.28	215.38
	Median Latency [ms]	402	196
	Ping session status: Successful	18	21
	Ping session status: Failed [Socket error]	0	0
	Ping session status: Failed [Protocol error timeout]	4	0
	Packet Loss<1%	18.18	0.00
www.google.com	Average Latency [ms]	406.45	138.70
	Median Latency [ms]	404	139
	Ping session status: Successful	11	10
	Ping session status: Failed [Socket error]	0	0
	Ping session status: Failed [Protocol error timeout]	0	0
	Packet Loss<1%	0.00	0.00
102.133.176.104	Average Latency [ms]	408.57	285.09
	Median Latency [ms]	273	215
	Ping session status: Successful	7	11
	Ping session status: Failed [Socket error]	0	0
	Ping session status: Failed [Protocol error timeout]	4	0
	Packet Loss<1%	36.36	0.00

UMTS YOUTUBE Success Ratio		
KPIs	Airtel 3G	CWS 3G
Attempt(Count)	11	11
Success(Count)	11	11
Failure(Count)	0	0
YouTube Access Time (s)	3.17	1.66
YouTube Average Resolution (pixels)	1047.27	1042.37
YouTube Success Ratio [%]	100.00	100.00

Latency 250ms

THANKS