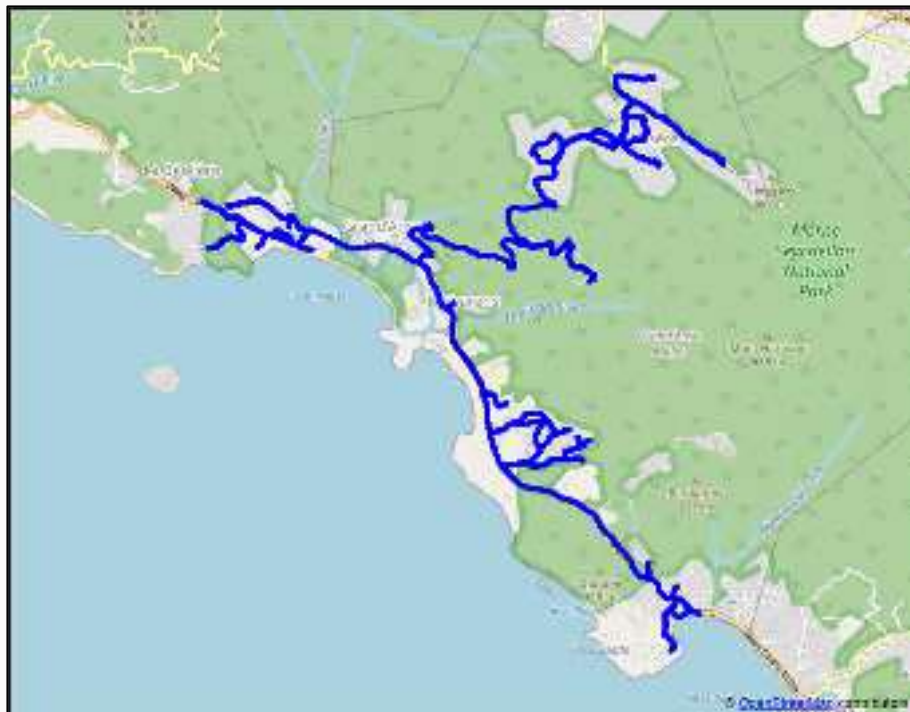


Seychelles Test Drive

Grand Anse Phase-2 Report



Phase-1 Dates- 10th Oct 2024



Route Name: Mahe

District Name: Grande Anse Mahe

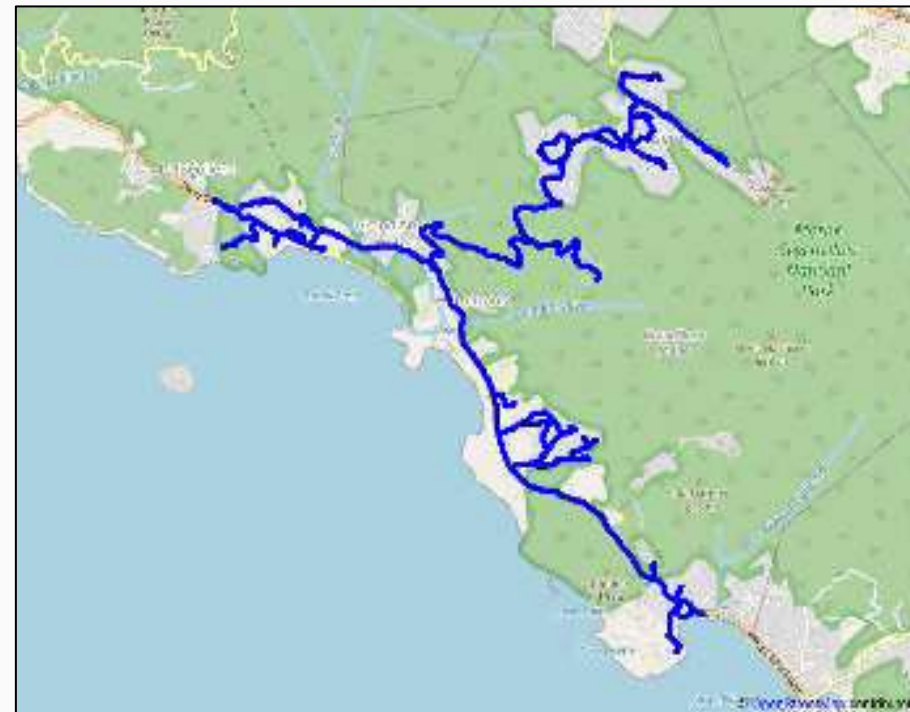
Region: West

Island: Mahé

Drive Test Distance: 33.17 kms

Drive Test Duration: 01 hours,57 minutes,45 seconds

Phase-2 Dates- 31st Oct 2024



Route Name: Mahe

District Name: Grand Anse

Region: West

Island: Mahé

Drive Test Distance: 30.89 kms

Drive Test Duration: 02 hours,15 minutes,03 seconds

Phase-1**Short Call Findings:**

- The Call Setup Success Rate for Airtel is (97.33%), while for Operator CWS it is (100.00%).
- The Call Setup Time for Airtel is (6.71s) , while for Operator CWS it is (8.00s).

Long Call Findings :

- The Call Retainability for Airtel is (100.00%), while for CWS it is (97.37%).
- The MOS quality observed for Airtel is (3.10), and for CWS, it is (3.51).

Phase-2**Short Call Findings:**

- The Call Setup Success Rate for Airtel is (98.83%), while for Operator CWS it is (98.79%).
- The Call Setup Time for Airtel is (6.46s), while for Operator CWS it is (8.05s)

Long Call Findings :

- The Call Retainability for Airtel is (91.30%), while for CWS it is (97.83%).
- The MOS quality observed for Airtel is (2.96), and for CWS, it is (3.54).

Phase-1

4G Preferred Data Findings:

- Airtel SFTP DL is (12.63 Mbps), while SFTP UL is (5.53 Mbps), CWS SFTP DL is (6.99 Mbps), while SFTP UL is (3.96 Mbps)
- Airtel HTTP DL is (18.95 Mbps), HTTP Capacity DL is (39.04 Mbps) ,HTTP UL is (8.73 Mbps) , and HTTP Capacity UL is (16.19 Mbps).
- CWS HTTP DL is (9.25 Mbps), HTTP Capacity DL is (28.22 Mbps) ,HTTP UL is (6.04 Mbps) , and HTTP Capacity UL is (12.67 Mbps).
- On live web page testing for browsing, www.shein.com took (6.85s), www.nbs.gov.sc took (18.52s), and www.sbc.sc took (17.91s) on Airtel.
- On live web page testing for browsing, www.shein.com took (6.43s), www.nbs.gov.sc took (15.00s), and www.sbc.sc took (13.35s) on CWS.
- On static browsing, Kepler Webpage took (4.47s), and Kepler Mobile took (1.70s) on Airtel.
- On static browsing, Kepler Webpage took (4.62s), and Kepler Mobile took (2.70s) on CWS.
- YouTube average resolution in Airtel is (1066.73) pixels.
- YouTube average resolution in CWS is (1077.60) pixels.
- Airtel scored 44.92% in Carrier Aggregation (CA).
- CWS scored 38.26% in Carrier Aggregation (CA).

Phase-2

4G Preferred Data Findings:

- Airtel SFTP DL is (13.62 Mbps), while SFTP UL is (5.12 Mbps), CWS SFTP DL is (1.57 Mbps), while SFTP UL is (1.51 Mbps)
- Airtel HTTP DL is (17.82 Mbps), HTTP Capacity DL is (49.38 Mbps) ,HTTP UL is (9.47 Mbps) , and HTTP Capacity UL is (18.93 Mbps).
- CWS HTTP DL is (1.91 Mbps), HTTP Capacity DL is (1.81 Mbps) ,HTTP UL is (1.87 Mbps) , and HTTP Capacity UL is (5.86 Mbps).
- On live web page testing for browsing, www.shein.com took (6.44s), www.nbs.gov.sc took (17.27s), and www.sbc.sc took (16.01s) on Airtel.
- On live web page testing for browsing, www.shein.com took (17.85s), www.nbs.gov.sc took (16.12s), and www.sbc.sc took (26.11s) on CWS.
- On static browsing, Kepler Webpage took (4.35s), and Kepler Mobile took (1.74s) on Airtel.
- On static browsing, Kepler Webpage took (5.77s), and Kepler Mobile took (2.98s) on CWS.
- YouTube average resolution in Airtel is (1013.02) pixels.
- YouTube average resolution in CWS is (788.49) pixels.
- Airtel scored 54.44% in Carrier Aggregation (CA).
- CWS scored 37.09% in Carrier Aggregation (CA).

Phase-1

3G Preferred Data Test Findings:

- Airtel SFTP DL is (5.41 Mbps), while SFTP UL is (1.46 Mbps), CWS SFTP DL is (3.87 Mbps), while SFTP UL is (1.01 Mbps)
- Airtel HTTP DL is (5.93 Mbps), HTTP Capacity DL is (7.70 Mbps) ,HTTP UL is (2.25 Mbps) , and HTTP Capacity UL is (4.15 Mbps).
- CWS HTTP DL is (3.00 Mbps), HTTP Capacity DL is (10.52 Mbps) ,HTTP UL is (1.60 Mbps) , and HTTP Capacity UL is (3.74 Mbps).
- On live web page testing for browsing, www.shein.com took (9.25s), www.nbs.gov.sc took (10.80s), and www.sbc.sc took (13.33s) on Airtel.
- On live web page testing for browsing, www.shein.com took (8.41s), www.nbs.gov.sc took (8.37s), and www.sbc.sc took (10.16s) on CWS.
- On static browsing, Kepler Webpage took (3.68s), and Kepler Mobile took (1.87s) on Airtel.
- On static browsing, Kepler Webpage took (5.55s), and Kepler Mobile took (3.16s) on CWS.
- YouTube average resolution in Airtel is (1041.86) pixels.
- YouTube average resolution in CWS is (1061,95) pixels.

Phase-2

3G Preferred Data Test Findings:

- Airtel SFTP DL is (5.52 Mbps), while SFTP UL is (1.67 Mbps), CWS SFTP DL is (3.90 Mbps), while SFTP UL is (1.05 Mbps)
- Airtel HTTP DL is (5.56 Mbps), HTTP Capacity DL is (8.42 Mbps) ,HTTP UL is (2.20 Mbps) , and HTTP Capacity UL is (5.37 Mbps).
- CWS HTTP DL is (2.88 Mbps), HTTP Capacity DL is (11.54 Mbps) ,HTTP UL is (1.58 Mbps) , and HTTP Capacity UL is (4.48 Mbps).
- On live web page testing for browsing, www.shein.com took (8.49s), www.nbs.gov.sc took (10.42s), and www.sbc.sc took (10.72s) on Airtel.
- On live web page testing for browsing, www.shein.com took (6.97s), www.nbs.gov.sc took (7.57s), and www.sbc.sc took (9.29s) on CWS.
- On static browsing, Kepler Webpage took (3.66s), and Kepler Mobile took (1.65s) on Airtel.
- On static browsing, Kepler Webpage took (5.47s), and Kepler Mobile took (2.44s) on CWS.
- YouTube average resolution in Airtel is (1035.55) pixels.
- YouTube average resolution in CWS is (1060.31) pixels.

Short Call	
Call Duration	10 Seconds
Setup and Release phase	30 seconds
Minimum pause between calls	30 seconds

Long Call	
Call Duration	120 Seconds
Setup and Release phase	30 seconds
Minimum between calls	30 seconds

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

VOICE TEST KPI STATISTICS (Short Call)

Phase-1

Short Call Statistics		
Short Call Scenario	Operator 1	Operator 2
Voice KPIs	Airtel	CWS
Call Attempt	150	145
Call Failed	4	0
Call Connected	146	145
CSSR[%]	97.33	100.00
USCSR[%]	2.67	0.00
CST [s] Alerting	6.71	8.00
CST [s]Connected	7.00	8.19

CSSR= Call Setup Success rate
 USCSR=Unsuccessful call setup ratio
 CST=Call setup time
 Call Setup Success Ratio >97%
 CRR= Call retainability ratio
 DCR=Dropped-call rate
 MOS=Mean Opinion Score
 Drop Call Ratio<2

Call Setup Time (s)	Operators		Rank	
	Airtel	CWS	Airtel	CWS
Overall CST (until ringing/alerting)	6.71	8.00	1	2
CS calls CST (until ringing/alerting)	6.69	15.90	1	2
CSFB calls CST (until ringing/alerting)	6.71	7.94	1	2
Overall CST (until Connect/Connect Acknowledge)	7.00	8.19	1	2
CS calls CST (until Connect/Connect Acknowledge)	7.05	17.14	1	2
CSFB calls CST (until Connect/Connect Acknowledge)	7.00	8.13	1	2

Phase-2

Short Call Statistics		
Short Call Scenario	Operator 1	Operator 2
Voice KPIs	Airtel	CWS
Call Attempt	171	165
Call Failed	2	2
Call Connected	169	163
CSSR[%]	98.83	98.79
USCSR	1.17	1.21
CST [s] Alerting	6.46	8.05
CST [s]Connected	6.74	8.24

Call Setup Time (s)	Operators		Rank	
	Airtel	CWS	Airtel	CWS
Overall CST (until ringing/alerting)	6.46	8.05	1	2
CS calls CST (until ringing/alerting)	5.66	11.63	1	2
CSFB calls CST (until ringing/alerting)	6.76	7.98	1	2
Overall CST (until Connect/Connect Acknowledge)	6.74	8.24	1	2
CS calls CST (until Connect/Connect Acknowledge)	5.97	11.77	1	2
CSFB calls CST (until Connect/Connect Acknowledge)	7.02	8.17	1	2

Phase-1

Long Call Statistics				
Long Call Scenario	Operator 1		Operator 2	
Voice KPIs	Airtel		CWS	
Call Connected	39		38	
Call Dropped	0		1	
Call Completed	39		37	
CRR[%]	100.00		97.37	
DCR[%]	0.00		2.63	
MOS	3.10		3.51	
	Airtel short call	CWS short call	Airtel long call	CWS long call
CSFB Calls	137	144	32	38
CS Calls	13	1	7	0
Handover Statistics		Airtel MO	CWS MO	
Handover Attempt		26	71	
Handover Failure		0	0	
Handover Success		26	71	
HOSR %		100.00	100.00	

Phase-2

Long Call Statistics				
Long Call Scenario	Operator 1		Operator 2	
Voice KPIs	Airtel		CWS	
Call Connected	46		46	
Call Dropped	4		1	
Call Completed	42		45	
CRR[%]	91.30		97.83	
DCR[%]	8.70		2.17	
MOS	2.96		3.54	
	Airtel short call	CWS short call	Airtel long call	CWS long call
CSFB Calls	125	162	44	46
CS Calls	46	3	2	0
Handover Statistics		Airtel MO	CWS MO	
Handover Attempt		40	86	
Handover Failure		9	0	
Handover Success		31	86	
HOSR %		77.50	100.00	

DATA TEST KPI STATISTICS(4G Preferred)

DATA Scenario		Phase-1				Phase-2			
		Airtel 4G	CWS 4G	Airtel 4G (Rank)	CWS 4G (Rank)	Airtel 4G	CWS 4G	Airtel 4G (Rank)	CWS 4G (Rank)
FILE TRANSFER	SFTP DL (Mbps)	12.63	6.99	1	2	13.62	1.57	1	2
	SFTP UL(Mbps)	5.53	3.96	1	2	5.12	1.51	1	2
	HTTP DL(Mbps)	18.95	9.25	1	2	17.82	1.91	1	2
	HTTP UL(Mbps)	8.73	6.04	1	2	9.47	1.87	1	2
	HTTP Capacity DL(Mbps)	39.04	28.22	1	2	49.38	1.81	1	2
	HTTP Capacity UL(Mbps)	16.19	12.67	1	2	18.93	5.86	1	2
BROWSER	Overall Browser DL Time (s)	10.14	8.26	2	1	9.29	13.37	1	2
	Kepler Webpage DL Time (s)	4.47	4.62	1	2	4.35	5.77	1	2
	Mobile Kepler Webpage DL Time (s)	1.70	2.70	1	2	1.74	2.98	1	2
	www.shein.com Webpage DL Time (s)	6.85	6.43	2	1	6.44	17.85	1	2
	www.nbs.gov.sc Webpage DL Time (s)	18.52	15.00	2	1	17.27	16.12	2	1
	www.sbc.sc Webpage DL Time (s)	17.91	13.35	2	1	16.01	26.11	1	2
LATENCY	Avg Latency (ms)	267.74	197.05	2	1	268.78	202.88	2	1
	Median Latency (ms)	157	196	1	2	183	205	1	2
YOUTUBE	YouTube Access Time (s)	4.99	1.73	2	1	5.54	3.95	2	1
	YouTube Average Resolution (pixels)	1066.73	1077.60	2	1	1013.02	788.49	1	2
	YouTube Success Ratio [%]	100.00	100.00	1	1	100.00	100.00	1	1

Phase-1

Test Type	Status	Airtel 4G	CWS 4G	Airtel 4G (%)	CWS 4G (%)
SFTP DL	Success	22	24	100.00	100.00
	Failure	0	0	0.00	0.00
SFTP UL	Success	21	23	95.45	95.83
	Failure	1	1	4.55	4.17
HTTP DL	Success	23	22	100.00	100.00
	Failure	0	0	0.00	0.00
HTTP UL	Success	23	23	100.00	100.00
	Failure	0	0	0.00	0.00
HTTP Capacity DL	Success	21	22	100.00	100.00
	Failure	0	0	0.00	0.00
HTTP Capacity UL	Success	20	22	95.24	100.00
	Failure	1	0	4.76	0.00

Phase-2

Test Type	Status	Airtel 4G	CWS 4G	Airtel 4G (%)	CWS 4G (%)
SFTP DL	Success	25	10	96.15	100.00
	Failure	1	0	3.85	0.00
SFTP UL	Success	26	14	100.00	93.33
	Failure	0	1	0.00	6.67
HTTP DL	Success	25	18	92.59	100.00
	Failure	2	0	7.41	0.00
HTTP UL	Success	27	18	100.00	100.00
	Failure	0	0	0.00	0.00
HTTP Capacity DL	Success	25	17	100.00	100.00
	Failure	0	0	0.00	0.00
HTTP Capacity UL	Success	24	11	96.00	64.71
	Failure	1	6	4.00	35.29

Phase-1

Web Page	Status	Airtel 4G	CWS 4G	Airtel 4G (%)	CWS 4G (%)
Kepler	Success	20	23	90.91	100.00
	Failure	2	0	9.09	0.00
Mobile Kepler	Success	20	22	95.24	100.00
	Failure	1	0	4.76	0.00
www.shein.com	Success	22	23	100.00	100.00
	Failure	0	0	0.00	0.00
www.nbs.gov.sc	Success	22	21	100.00	95.45
	Failure	0	1	0.00	4.55
www.sbc.sc	Success	22	21	100.00	91.30
	Failure	0	2	0.00	8.70

Phase-2

Web Page	Status	Airtel 4G	CWS 4G	Airtel 4G (%)	CWS 4G (%)
Kepler	Success	23	18	88.46	100.00
	Failure	3	0	11.54	0.00
Mobile Kepler	Success	26	18	100.00	100.00
	Failure	0	0	0.00	0.00
www.shein.com	Success	25	18	96.15	100.00
	Failure	1	0	3.85	0.00
www.nbs.gov.sc	Success	26	18	100.00	100.00
	Failure	0	0	0.00	0.00
www.sbc.sc	Success	26	18	100.00	100.00
	Failure	0	0	0.00	0.00

Phase-1

	Latency KPIs	Airtel 4G	CWS 4G
Overall Latency	Sample Count [32 bytes]	43	45
	Average Latency [ms]	267.28	199.56
	Median Latency [ms]	157	200
	Ping session status: Successful	43	45
	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]	418.57	173.09
	Median Latency [ms]	404	172
	Ping session status: Successful	21	22
	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]	122.86	224.87
	Median Latency [ms]	121	222
	Ping session status: Successful	22	23
	Ping session status: Failed [Socket error]	0	0
	Ping session status: Failed [Protocol error timeout]	0	0
	Packet Loss<1%	0.00	0.00

Phase-2

	Latency KPIs	Airtel 4G	CWS 4G
Overall Latency	Sample Count [32 bytes]	50	36
	Average Latency [ms]	270.66	204.00
	Median Latency [ms]	259	202
	Ping session status: Successful	50	36
	Ping session status: Failed [Socket error]	0	0
	Ping session status: Failed [Protocol error timeout]	2	0
	Packet Loss<1%	3.85	0.00
www.google.com	Average Latency [ms]	413.38	171.28
	Median Latency [ms]	411	170
	Ping session status: Successful	24	18
	Ping session status: Failed [Socket error]	0	0
	Ping session status: Failed [Protocol error timeout]	1	0
	Packet Loss<1%	4.00	0.00
102.133.176.104	Average Latency [ms]	138.92	236.72
	Median Latency [ms]	123	234
	Ping session status: Successful	26	18
	Ping session status: Failed [Socket error]	0	0
	Ping session status: Failed [Protocol error timeout]	1	0
	Packet Loss<1%	3.70	0.00

Phase-1

LTE YOUTUBE Success Ratio		
KPIs	Airtel 4G	CWS 4G
Attempt(Count)	23	23
Success(Count)	23	23
Failure(Count)	0	0
YouTube Access Time (s)	4.99	1.73
YouTube Average Resolution (pixels)	1066.73	1077.60
YouTube Success Ratio [%]	100.00	100.00

Phase-2

LTE YOUTUBE Success Ratio		
KPIs	Airtel 4G	CWS 4G
Attempt(Count)	27	18
Success(Count)	27	18
Failure(Count)	0	0
YouTube Access Time (s)	5.54	3.95
YouTube Average Resolution (pixels)	1013.02	788.49
YouTube Success Ratio [%]	100.00	100.00

DATA TEST KPI STATISTICS (3G Preferred)

DATA Scenario		Phase-1				Phase-2			
		Airtel 3G	CWS 3G	Airtel 3G (Rank)	CWS 3G (Rank)	Airtel 3G	CWS 3G	Airtel 3G (Rank)	CWS 3G (Rank)
FILE TRANSFER	SFTP DL (Mbps)	5.41	3.87	1	2	5.52	3.90	1	2
	SFTP UL(Mbps)	1.46	1.01	1	2	1.67	1.05	1	2
	HTTP DL(Mbps)	5.93	3.00	1	2	5.56	2.88	1	2
	HTTP UL(Mbps)	2.25	1.60	1	2	2.20	1.58	1	2
	HTTP Capacity DL(Mbps)	7.70	10.52	2	1	8.42	11.54	2	1
	HTTP Capacity UL(Mbps)	4.15	3.74	1	2	5.37	4.48	1	2
BROWSER	Overall Browser DL Time (s)	7.64	7.03	2	1	7.04	6.30	2	1
	Kepler Webpage DL Time (s)	3.68	5.55	1	2	3.66	5.47	1	2
	Mobile Kepler Webpage DL Time (s)	1.87	3.16	1	2	1.65	2.44	1	2
	www.shein.com Webpage DL Time (s)	9.25	8.41	2	1	8.49	6.97	2	1
	www.nbs.gov.sc Webpage DL Time (s)	10.80	8.37	2	1	10.42	7.57	2	1
	www.sbc.sc Webpage DL Time (s)	13.33	10.16	2	1	10.72	9.29	2	1
LATENCY	Avg Latency (ms)	264.26	190.32	2	1	270.42	200.72	2	1
	Median Latency (ms)	176	195	1	2	166	197	1	2
YOUTUBE	YouTube Access Time (s)	3.71	2.02	2	1	3.35	1.82	2	1
	YouTube Average Resolution (pixels)	1041.86	1061.95	2	1	1035.55	1060.31	2	1
	YouTube Success Ratio [%]	100.00	89.47	1	2	90.00	86.36	1	2

Phase-1

Test Type	Status	Airtel 3G	CWS 3G	Airtel 3G(%)	CWS 3G (%)
SFTP DL	Success	20	14	100.00	93.33
	Failure	0	1	0.00	6.67
SFTP UL	Success	20	15	100.00	93.75
	Failure	0	1	0.00	6.25
HTTP DL	Success	20	18	100.00	100.00
	Failure	0	0	0.00	0.00
HTTP UL	Success	21	16	100.00	84.21
	Failure	0	3	0.00	15.79
HTTP Capacity DL	Success	19	17	100.00	100.00
	Failure	0	0	0.00	0.00
HTTP Capacity UL	Success	19	16	100.00	94.12
	Failure	0	1	0.00	5.88

Phase-2

Test Type	Status	Airtel 3G	CWS 3G	Airtel 3G(%)	CWS 3G (%)
SFTP DL	Success	16	19	94.12	100.00
	Failure	1	0	5.88	0.00
SFTP UL	Success	15	20	83.33	95.24
	Failure	3	1	16.67	4.76
HTTP DL	Success	17	20	94.44	95.24
	Failure	1	1	5.56	4.76
HTTP UL	Success	19	19	95.00	86.36
	Failure	1	3	5.00	13.64
HTTP Capacity DL	Success	17	20	100.00	100.00
	Failure	0	0	0.00	0.00
HTTP Capacity UL	Success	16	18	88.89	90.00
	Failure	2	2	11.11	10.00

Phase-1

Web Page	Status	Airtel 3G	CWS 3G	Airtel 3G(%)	CWS 3G (%)
Kepler	Success	19	17	100.00	94.44
	Failure	0	1	0.00	5.56
Mobile Kepler	Success	18	16	94.74	94.12
	Failure	1	1	5.26	5.88
www.shein.com	Success	18	16	90.00	88.89
	Failure	2	2	10.00	11.11
www.nbs.gov.sc	Success	17	14	89.47	87.50
	Failure	2	2	10.53	12.50
www.sbc.sc	Success	17	15	94.44	88.24
	Failure	1	2	5.56	11.76

Phase-2

Web Page	Status	Airtel 3G	CWS 3G	Airtel 3G(%)	CWS 3G (%)
Kepler	Success	19	21	100.00	95.45
	Failure	0	1	0.00	4.55
Mobile Kepler	Success	17	19	100.00	90.48
	Failure	0	2	0.00	9.52
www.shein.com	Success	18	20	94.74	90.91
	Failure	1	2	5.26	9.09
www.nbs.gov.sc	Success	19	19	100.00	90.48
	Failure	0	2	0.00	9.52
www.sbc.sc	Success	18	18	94.74	85.71
	Failure	1	3	5.26	14.29

Phase-1

	Latency KPIs	Airtel 3G	CWS 3G
Overall Latency	Sample Count [32 bytes]	37	31
	Average Latency [ms]	269.41	187.42
	Median Latency [ms]	299	182
	Ping session status: Successful	37	32
	Ping session status: Failed [Socket error]	0	0
	Ping session status: Failed [Protocol error timeout]	1	1
	Packet Loss<1%	2.63	3.03
www.google.com	Average Latency [ms]	413.67	149.00
	Median Latency [ms]	410	146
	Ping session status: Successful	18	16
	Ping session status: Failed [Socket error]	0	0
	Ping session status: Failed [Protocol error timeout]	0	1
	Packet Loss<1%	0.00	5.88
102.133.176.104	Average Latency [ms]	132.74	223.44
	Median Latency [ms]	120	210
	Ping session status: Successful	19	16
	Ping session status: Failed [Socket error]	0	0
	Ping session status: Failed [Protocol error timeout]	1	0
	Packet Loss<1%	5.00	0.00

Phase-2

	Latency KPIs	Airtel 3G	CWS 3G
Overall Latency	Sample Count [32 bytes]	35	34
	Average Latency [ms]	282.37	191.50
	Median Latency [ms]	394	198
	Ping session status: Successful	35	34
	Ping session status: Failed [Socket error]	0	0
	Ping session status: Failed [Protocol error timeout]	0	3
	Packet Loss<1%	0.00	8.11
www.google.com	Average Latency [ms]	415.29	151.44
	Median Latency [ms]	409	143
	Ping session status: Successful	17	18
	Ping session status: Failed [Socket error]	0	0
	Ping session status: Failed [Protocol error timeout]	0	1
	Packet Loss<1%	0.00	5.26
102.133.176.104	Average Latency [ms]	156.83	236.56
	Median Latency [ms]	130	203
	Ping session status: Successful	18	16
	Ping session status: Failed [Socket error]	0	0
	Ping session status: Failed [Protocol error timeout]	0	2
	Packet Loss<1%	0.00	11.11

Phase-1

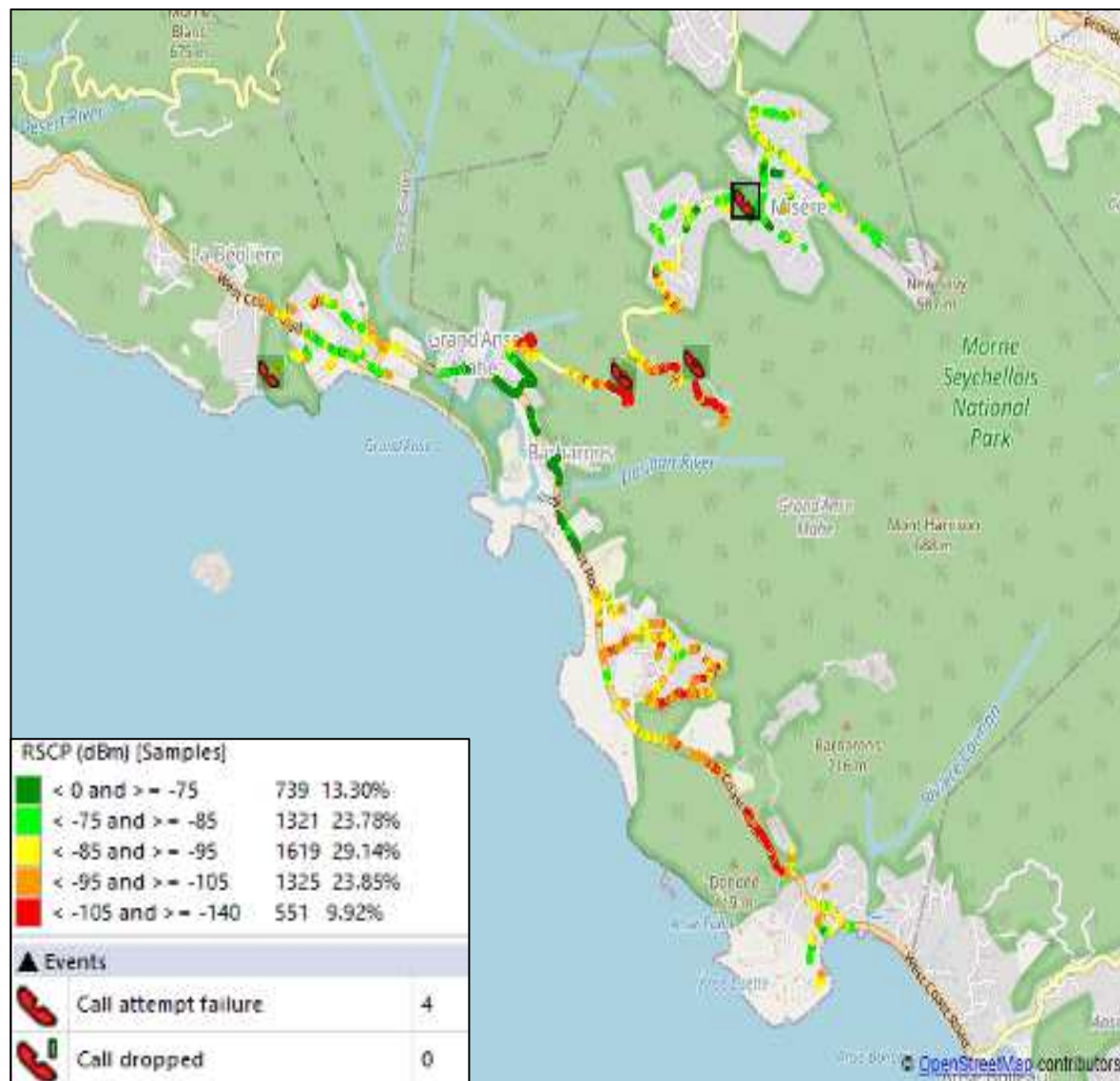
UMTS YOUTUBE Success Ratio		
KPIs	Airtel 3G	CWS 3G
Attempt(Count)	21	19
Success(Count)	21	17
Failure(Count)	0	2
YouTube Access Time (s)	3.71	2.02
YouTube Average Resolution (pixels)	1041.86	1061.95
YouTube Success Ratio [%]	100.00	89.47

Phase-2

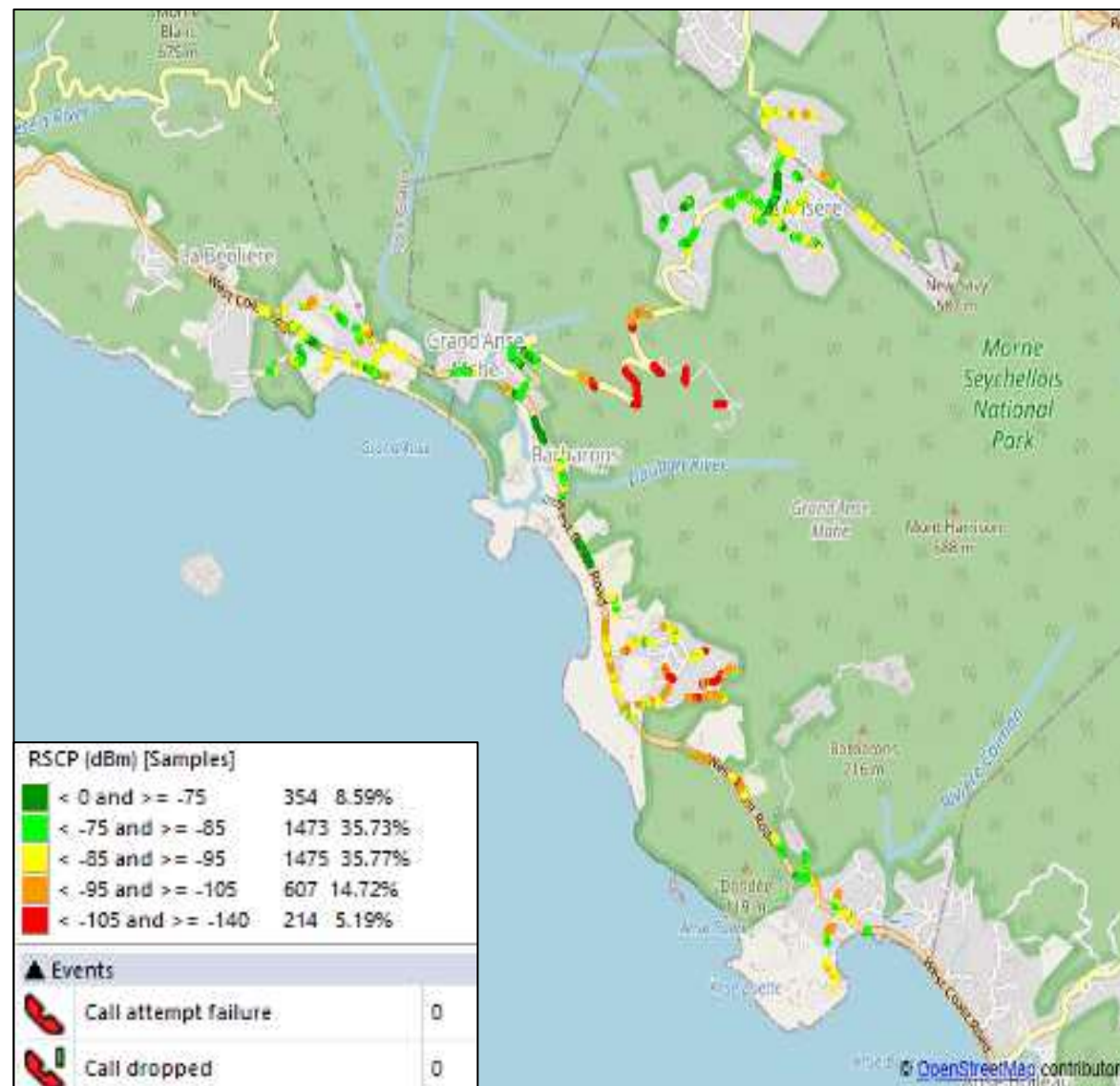
UMTS YOUTUBE Success Ratio		
KPIs	Airtel 3G	CWS 3G
Attempt(Count)	20	22
Success(Count)	18	19
Failure(Count)	2	3
YouTube Access Time (s)	3.35	1.82
YouTube Average Resolution (pixels)	1035.55	1060.31
YouTube Success Ratio [%]	90.00	86.36

Voice Call Events

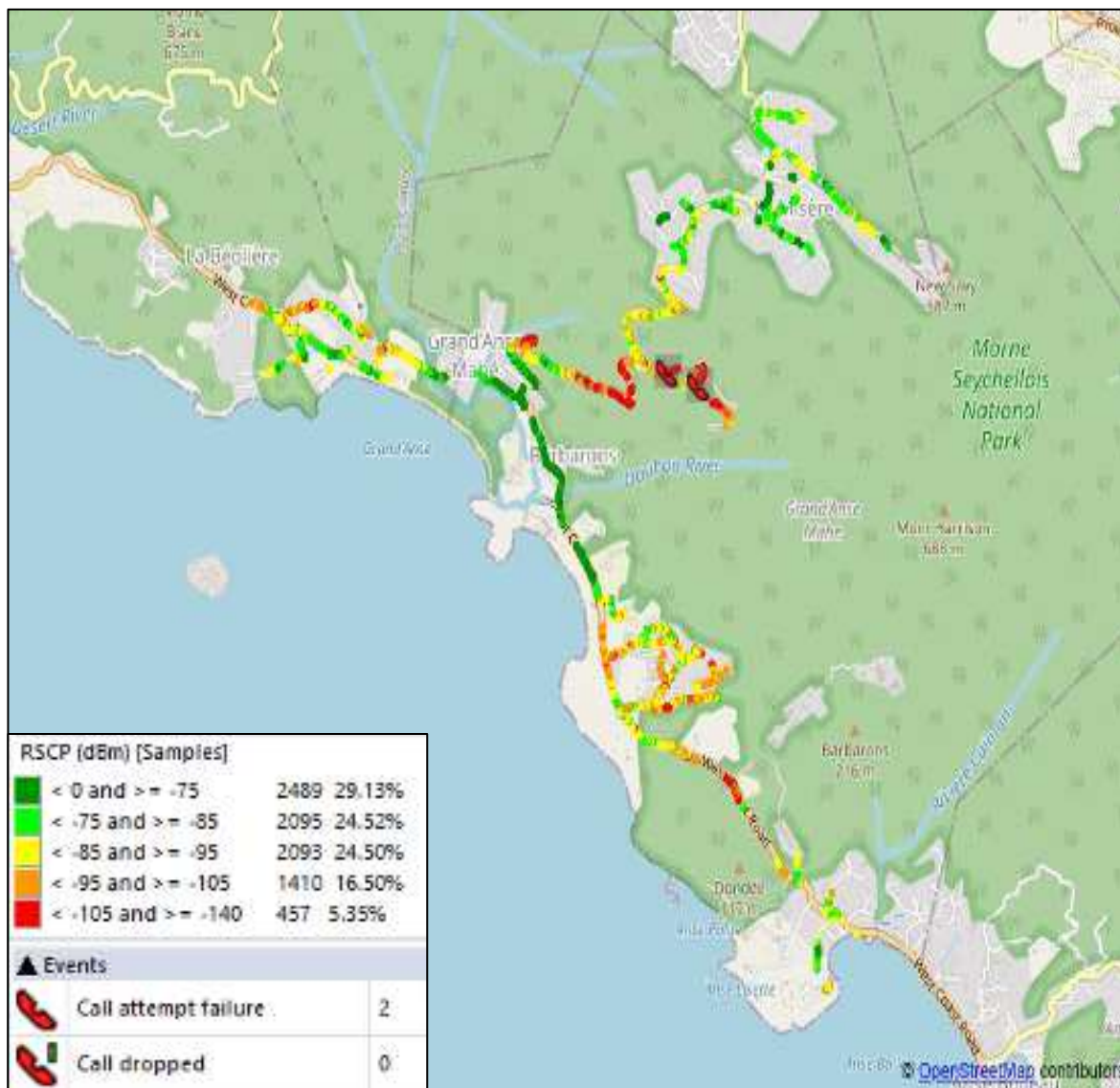
Airtel SC MO



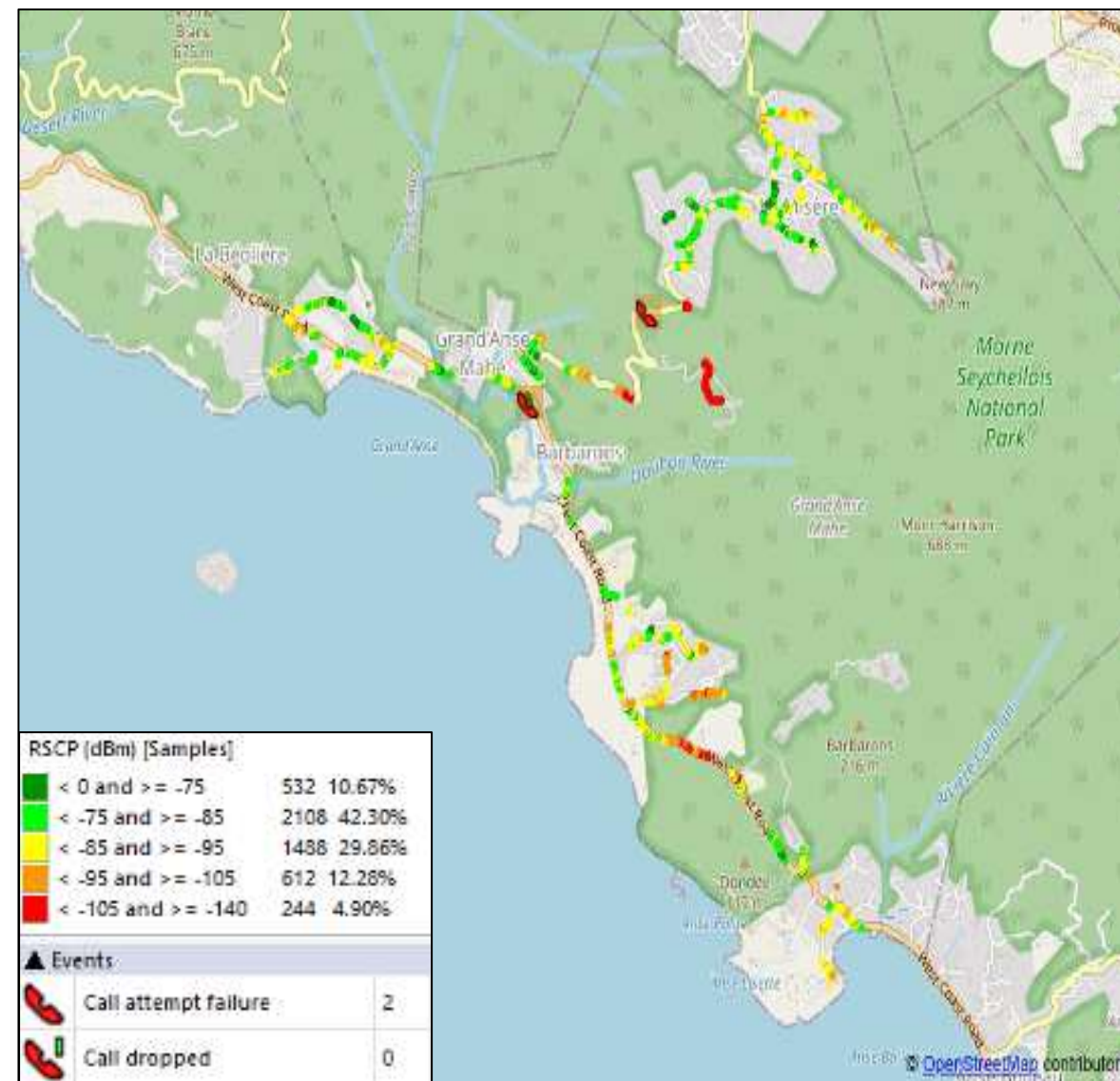
CWS SC MO



Airtel SC MO



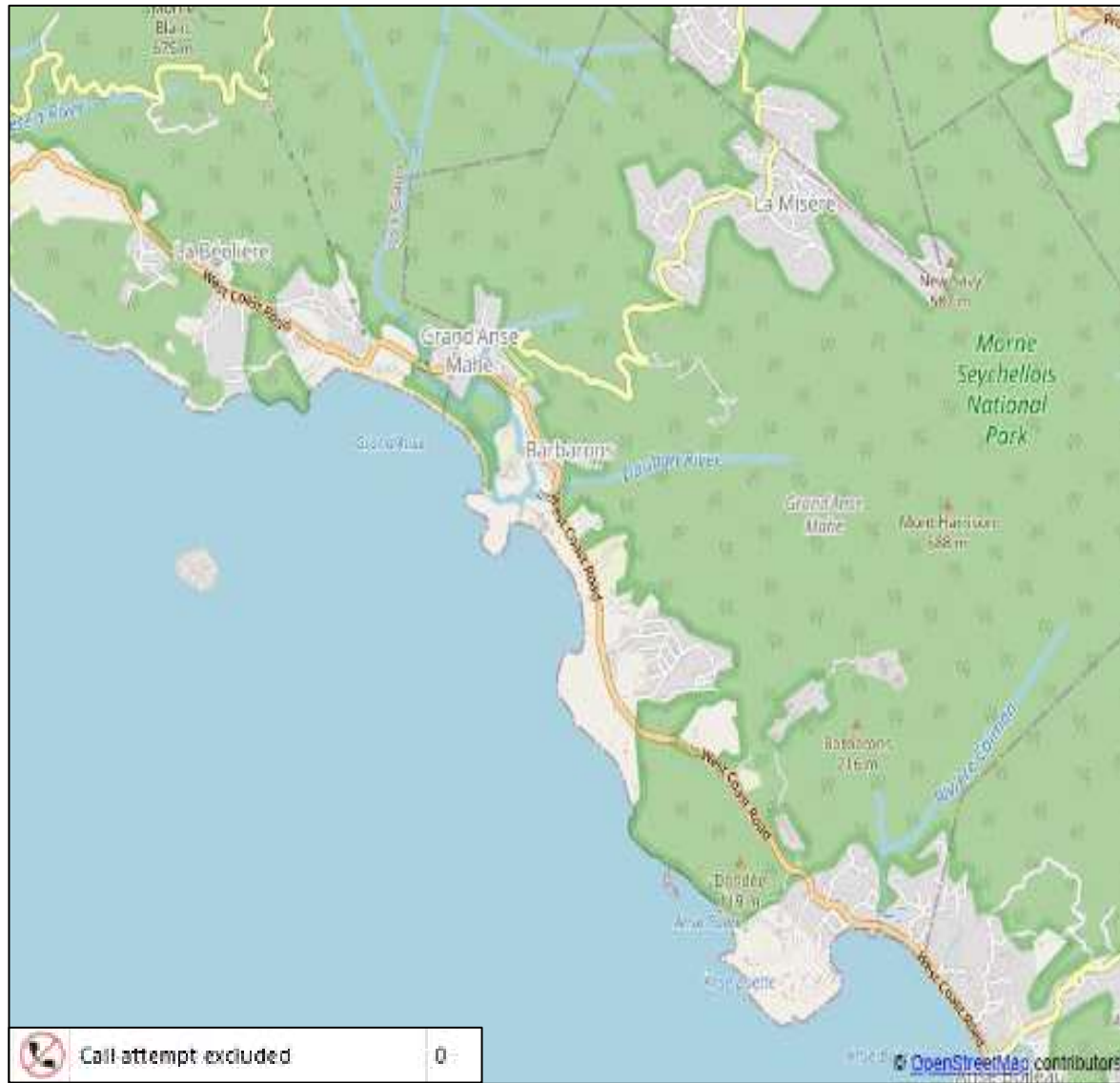
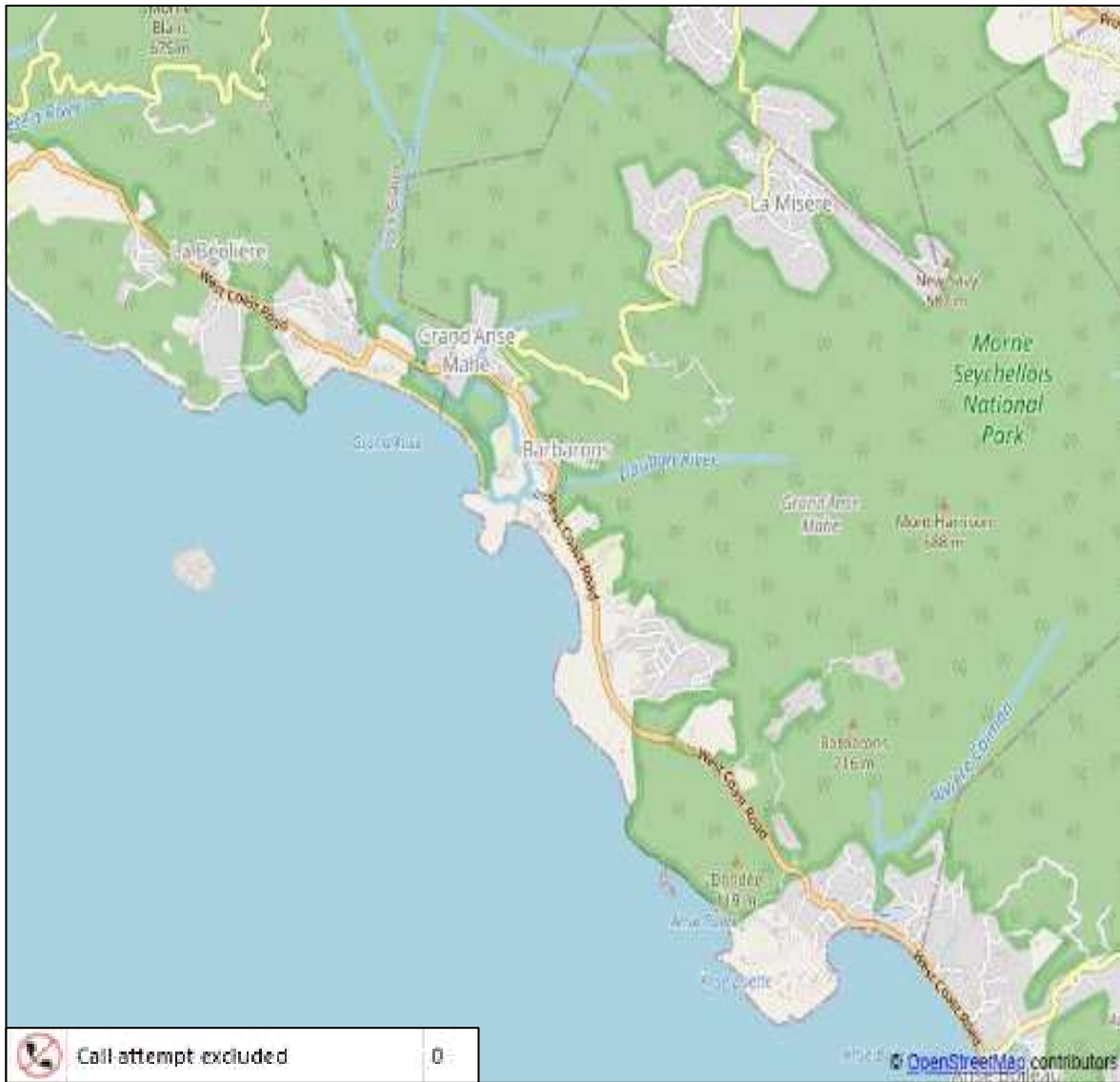
CWS SC MO



Phase-1 SHORT CALL EXCLUDED EVENTS

Airtel SC MO

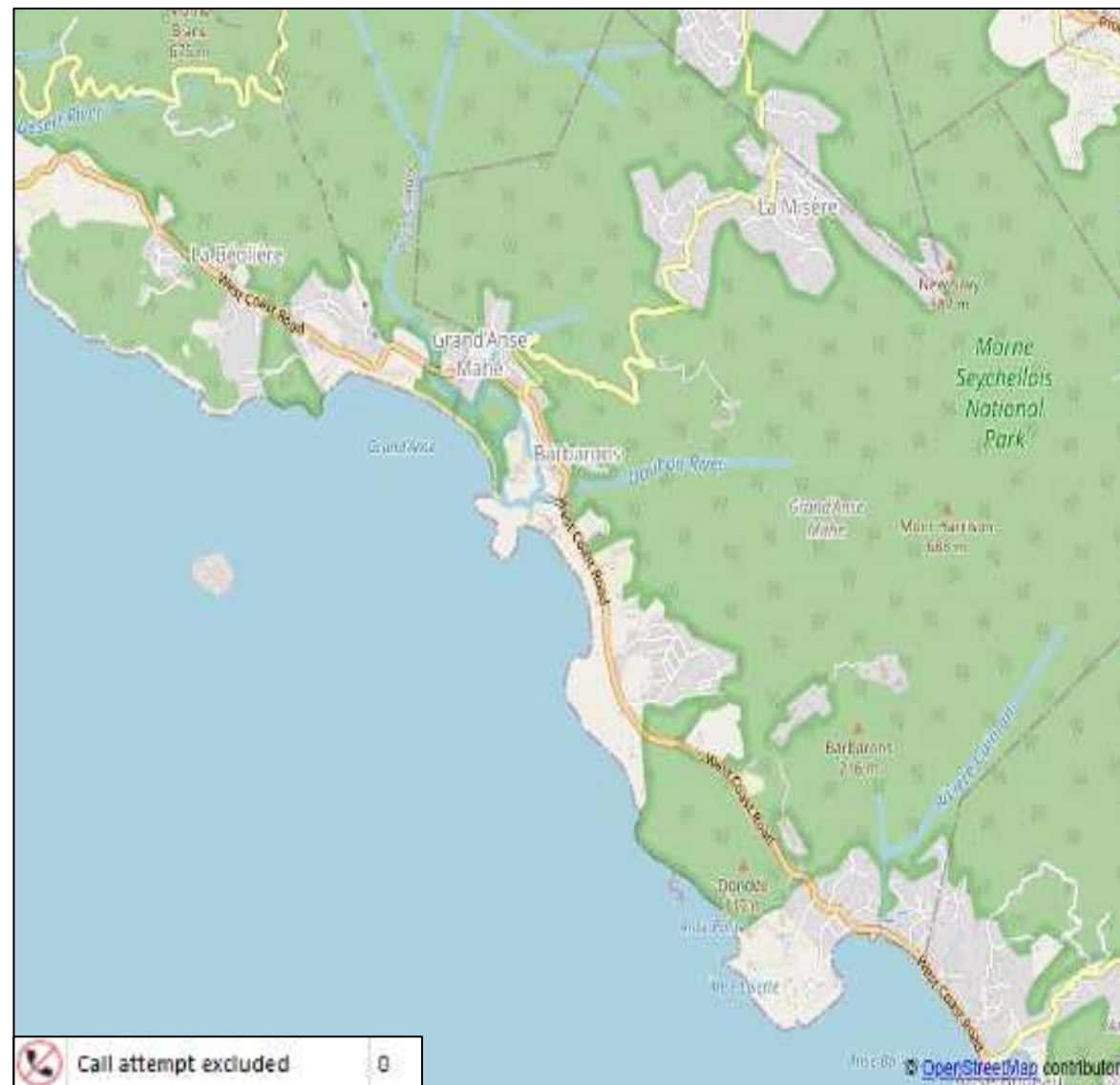
CWS SC MO



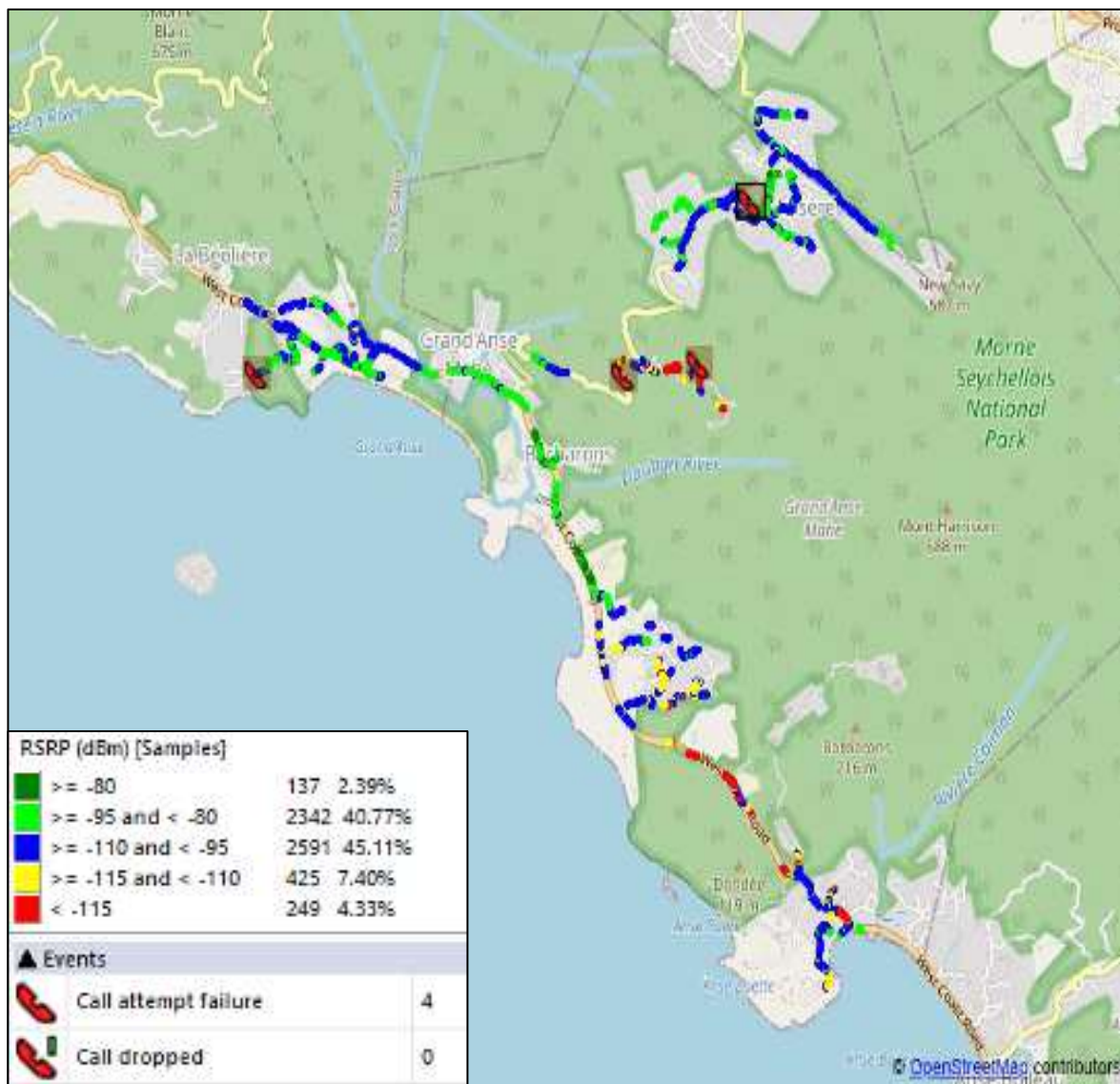
Airtel SC MO



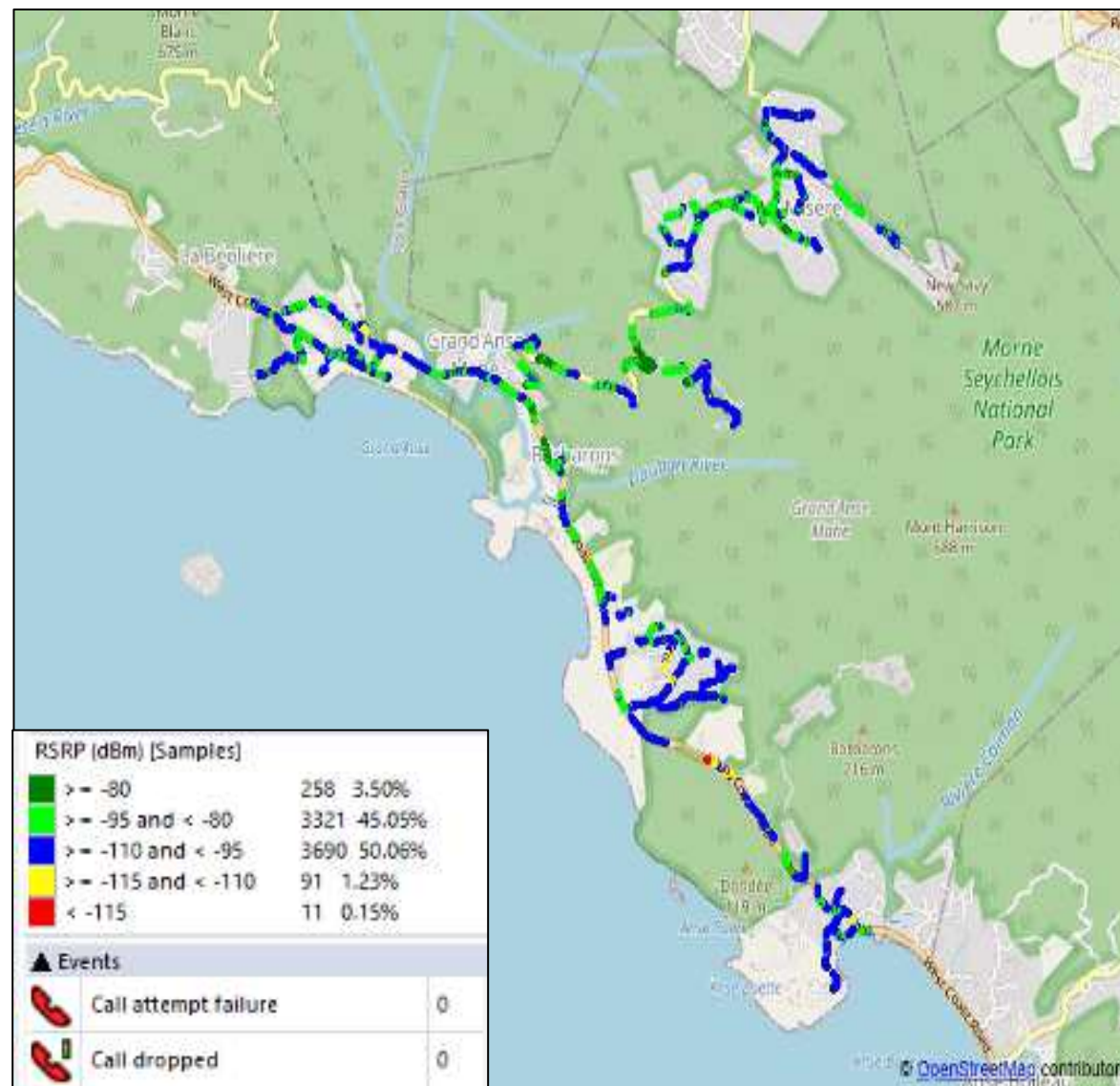
CWS SC MO



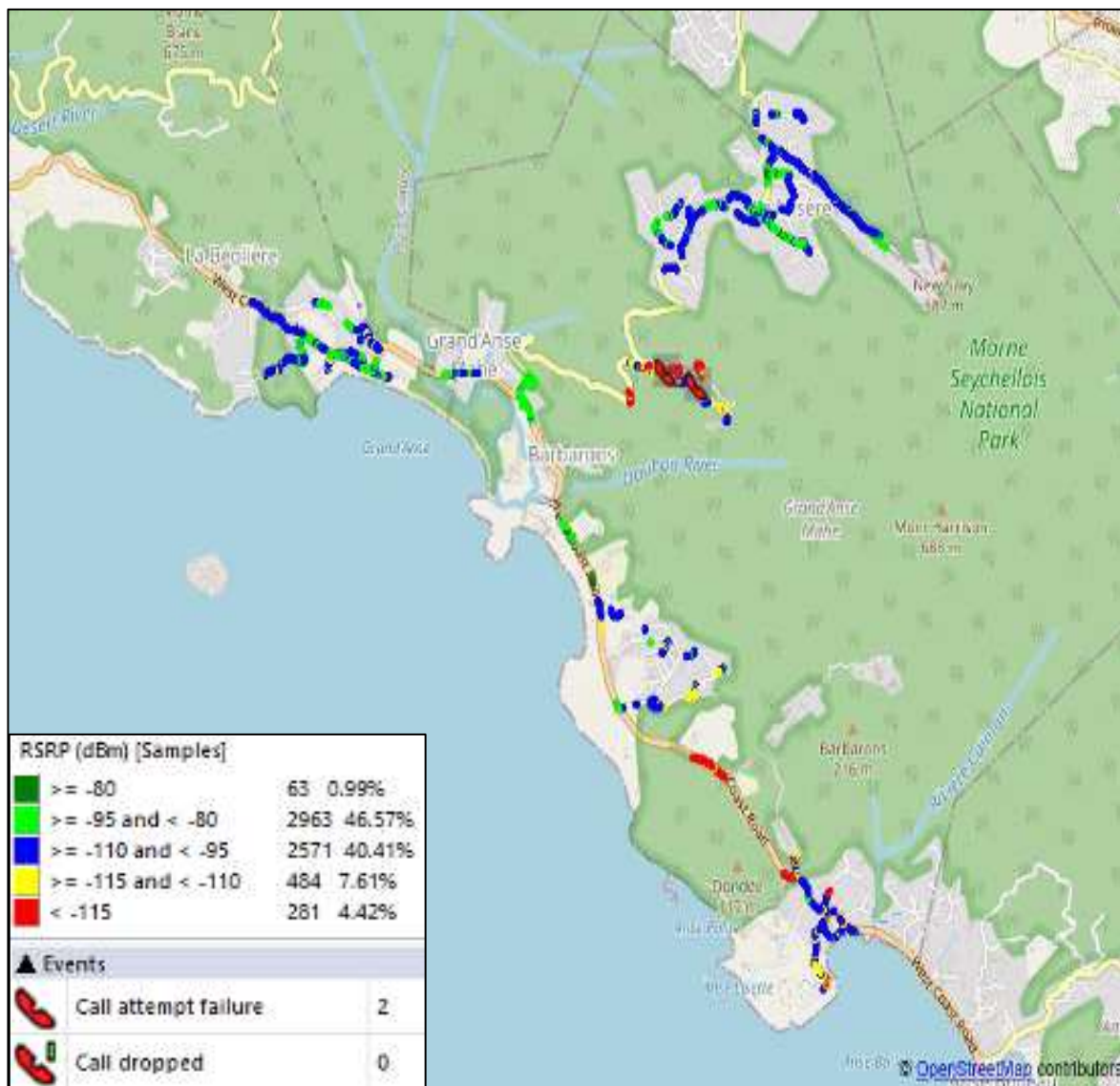
Airtel SC MO



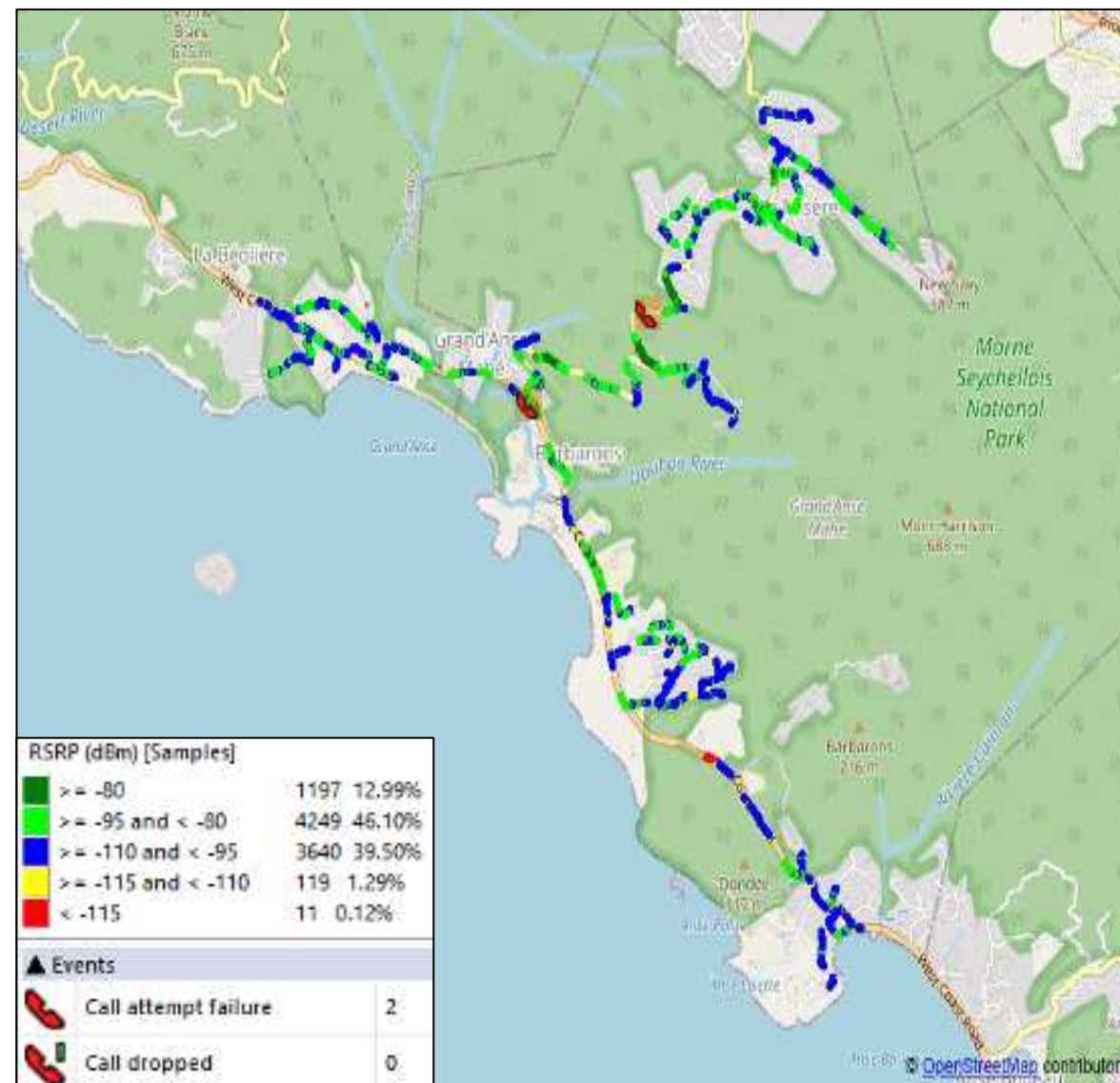
CWS SC MO



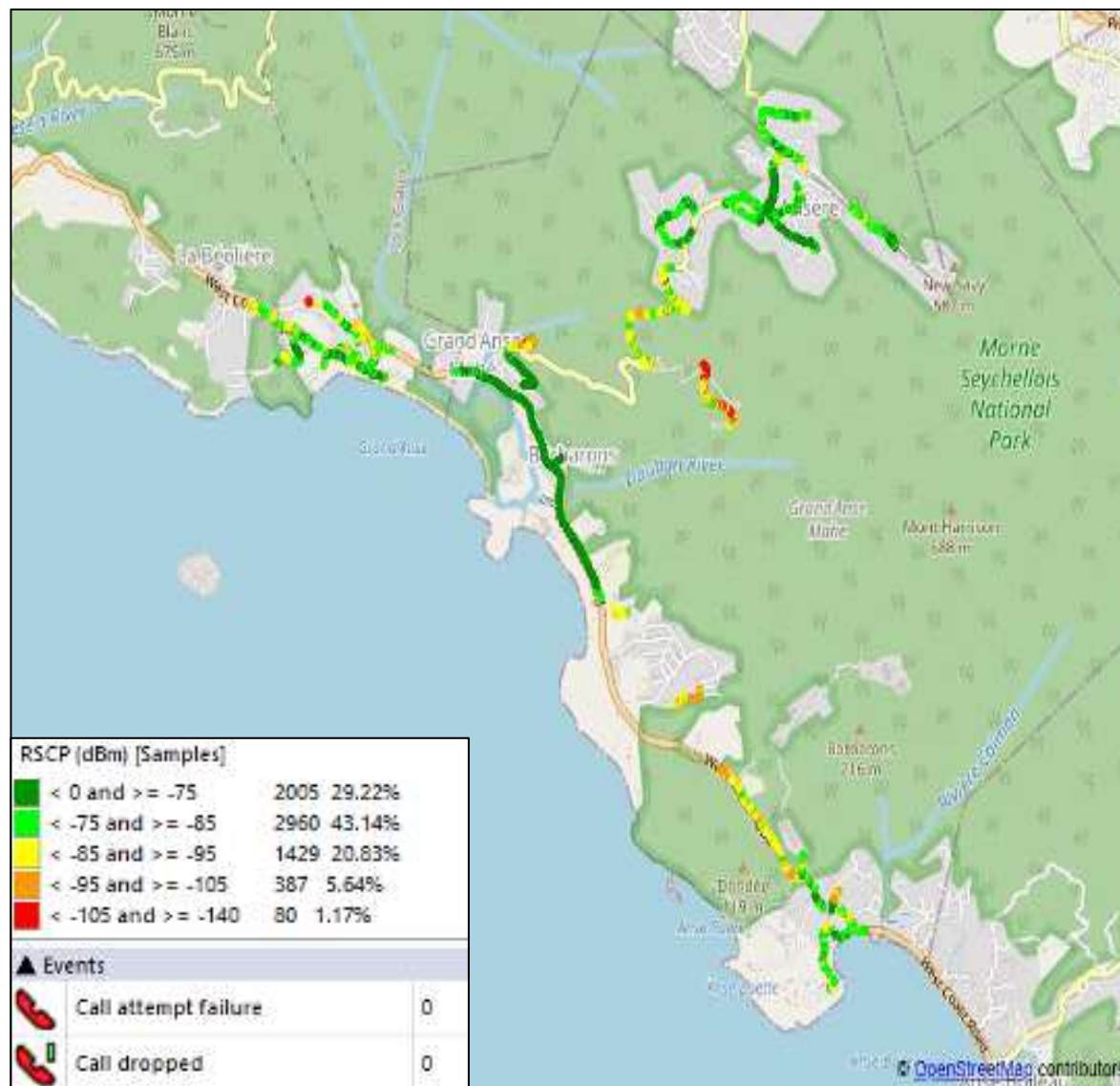
Airtel SC MO



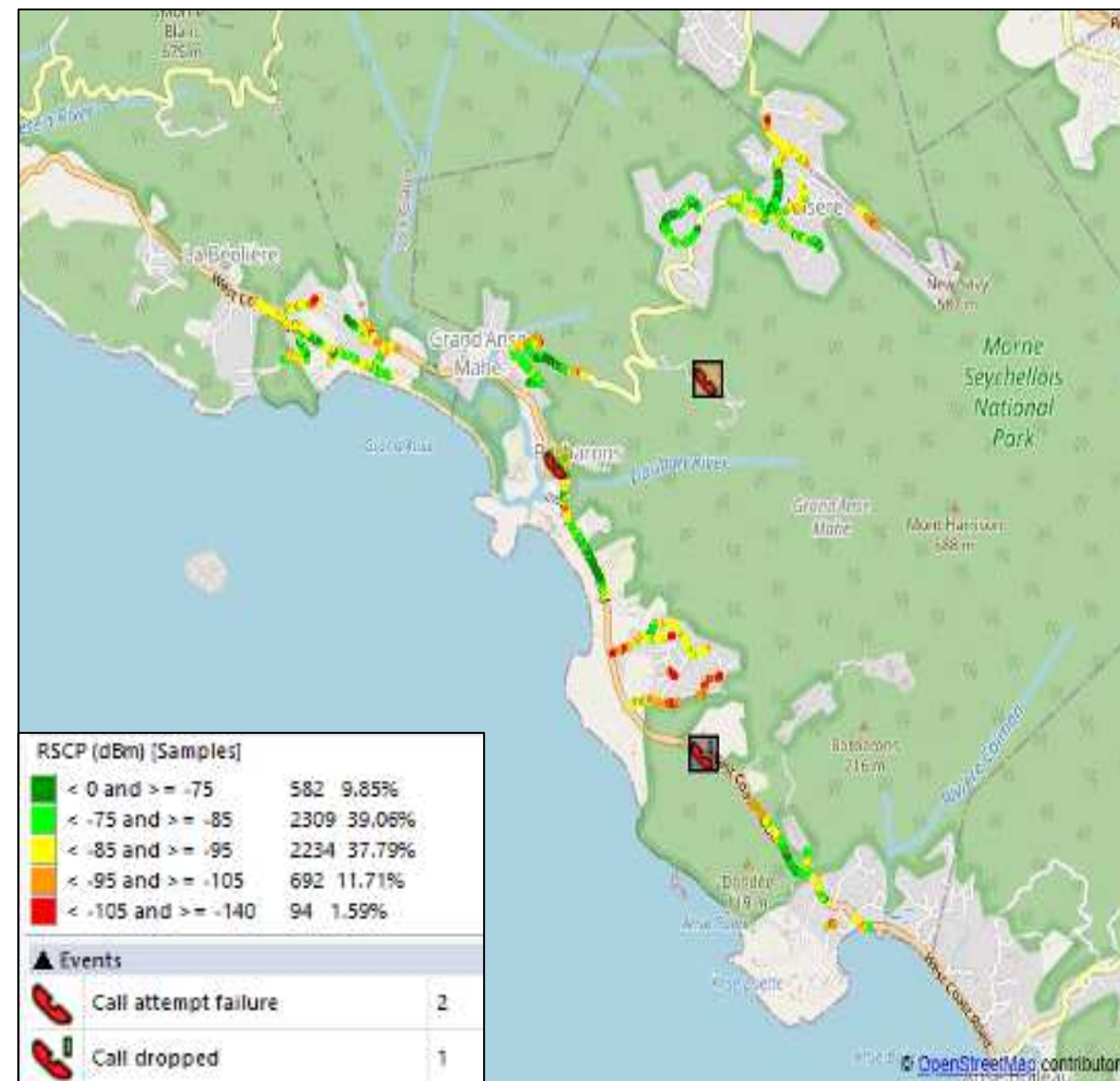
CWS SC MO



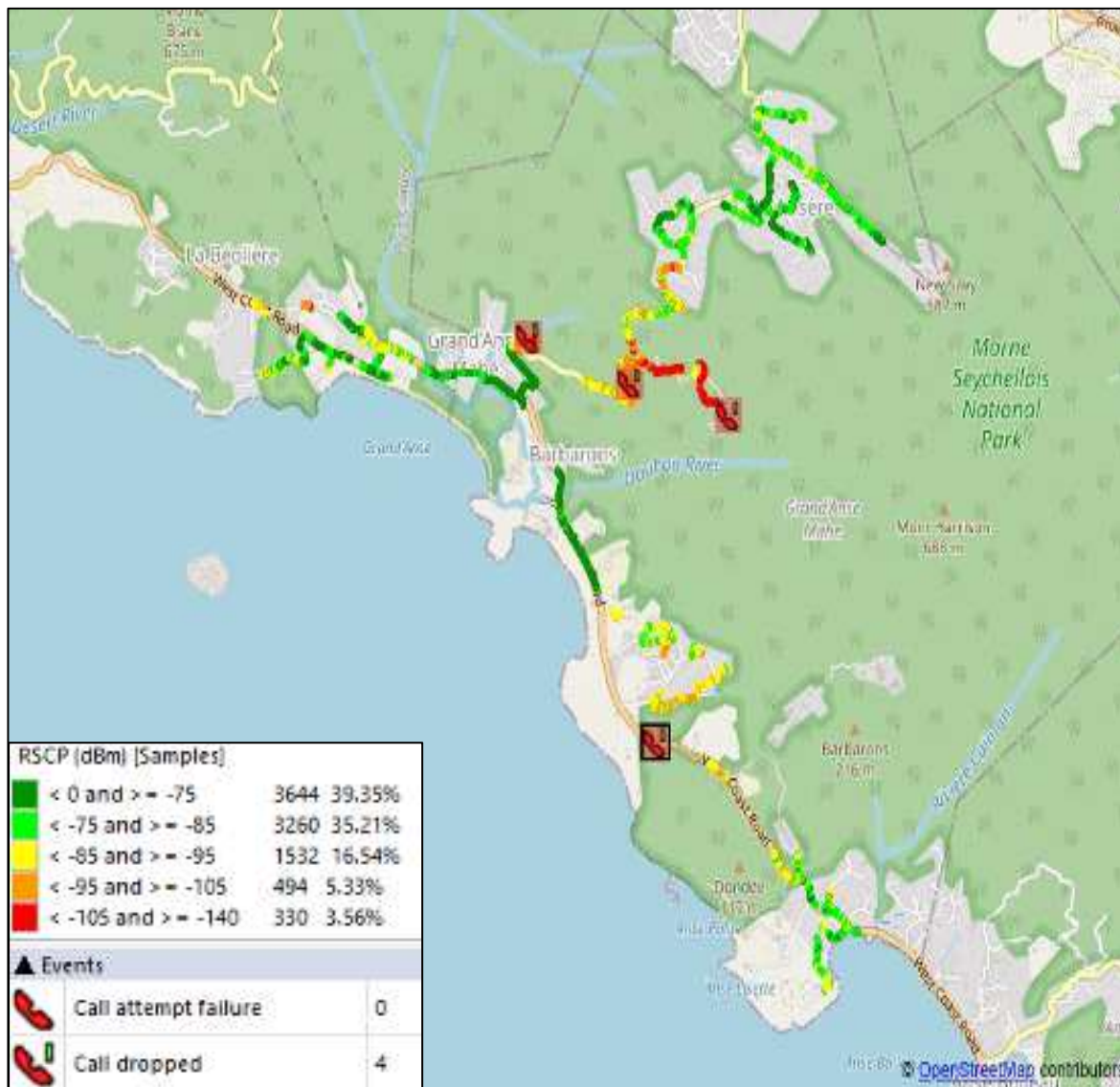
Airtel LC MO



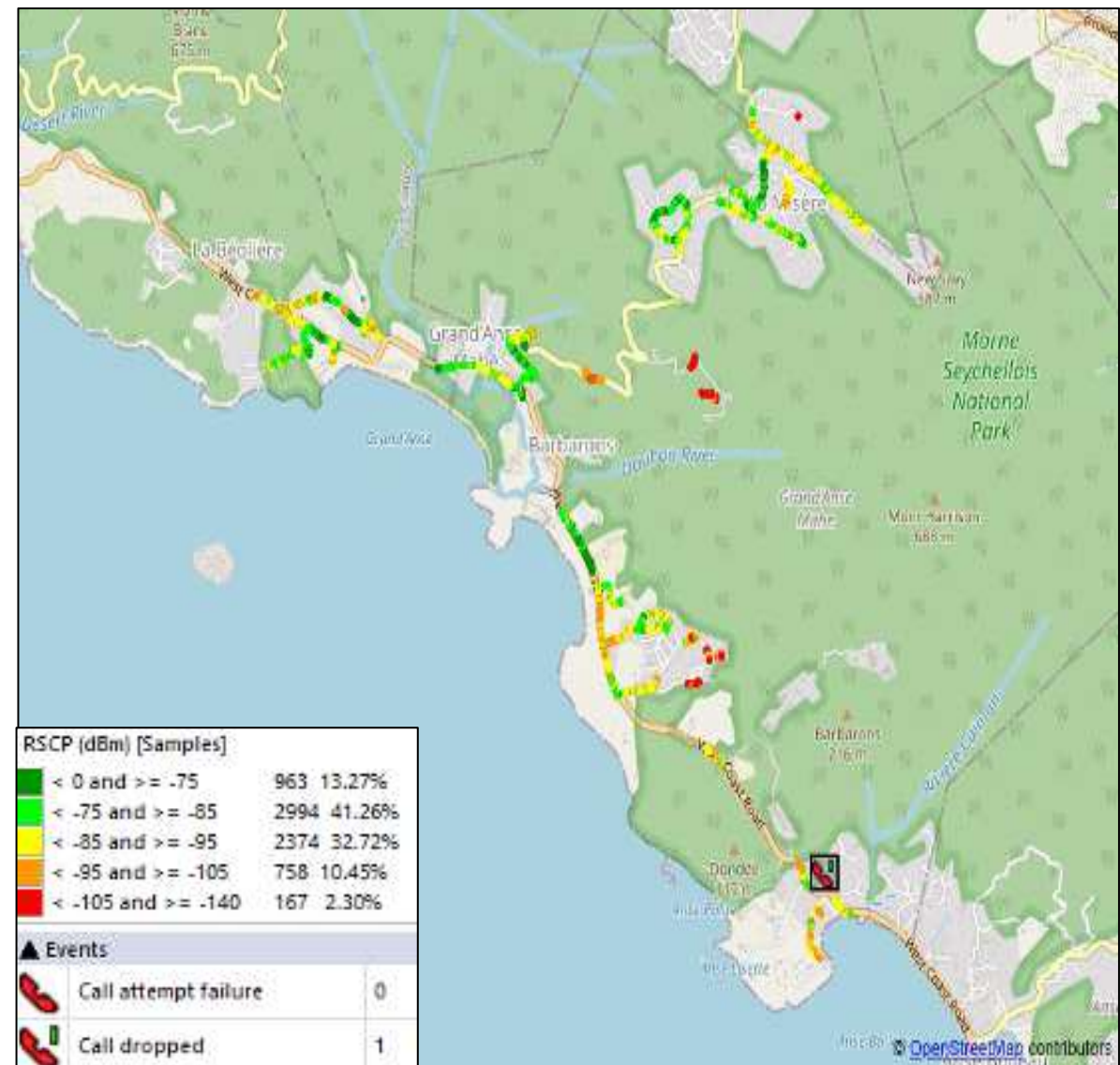
CWS LC MO



Airtel LC MO



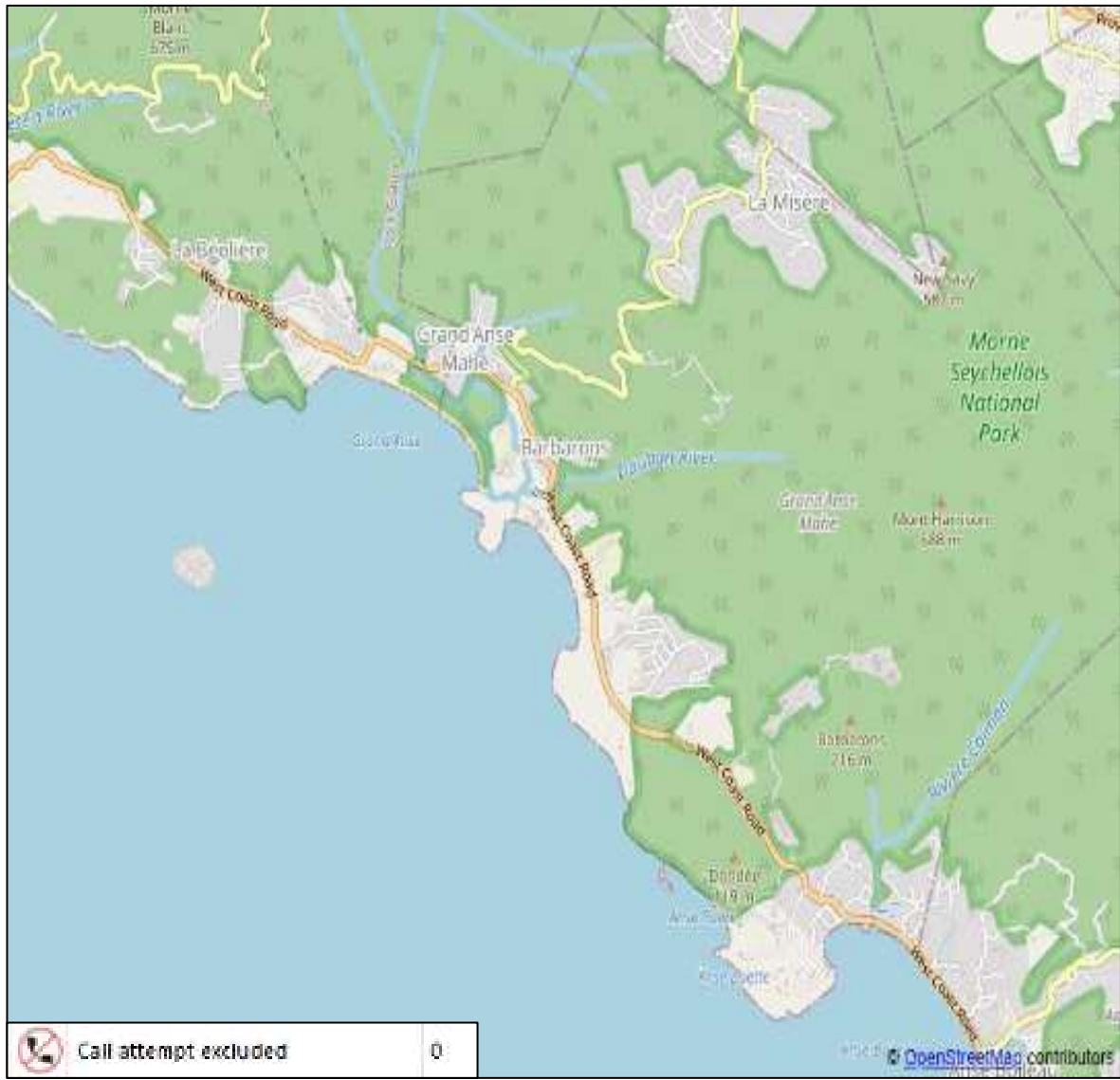
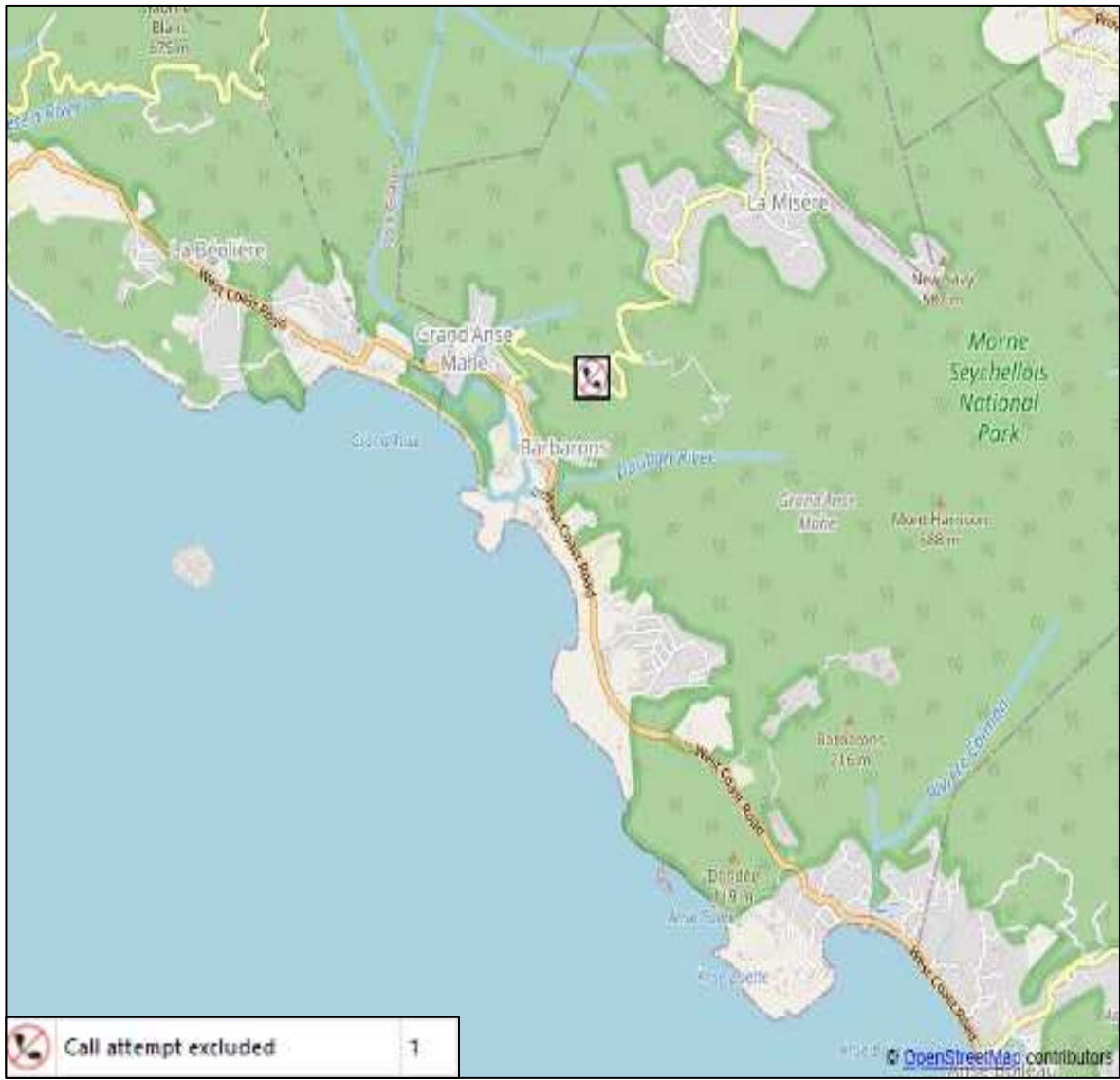
CWS LC MO



Phase-1 LONG CALL EXCLUDED EVENTS

Airtel LC MO

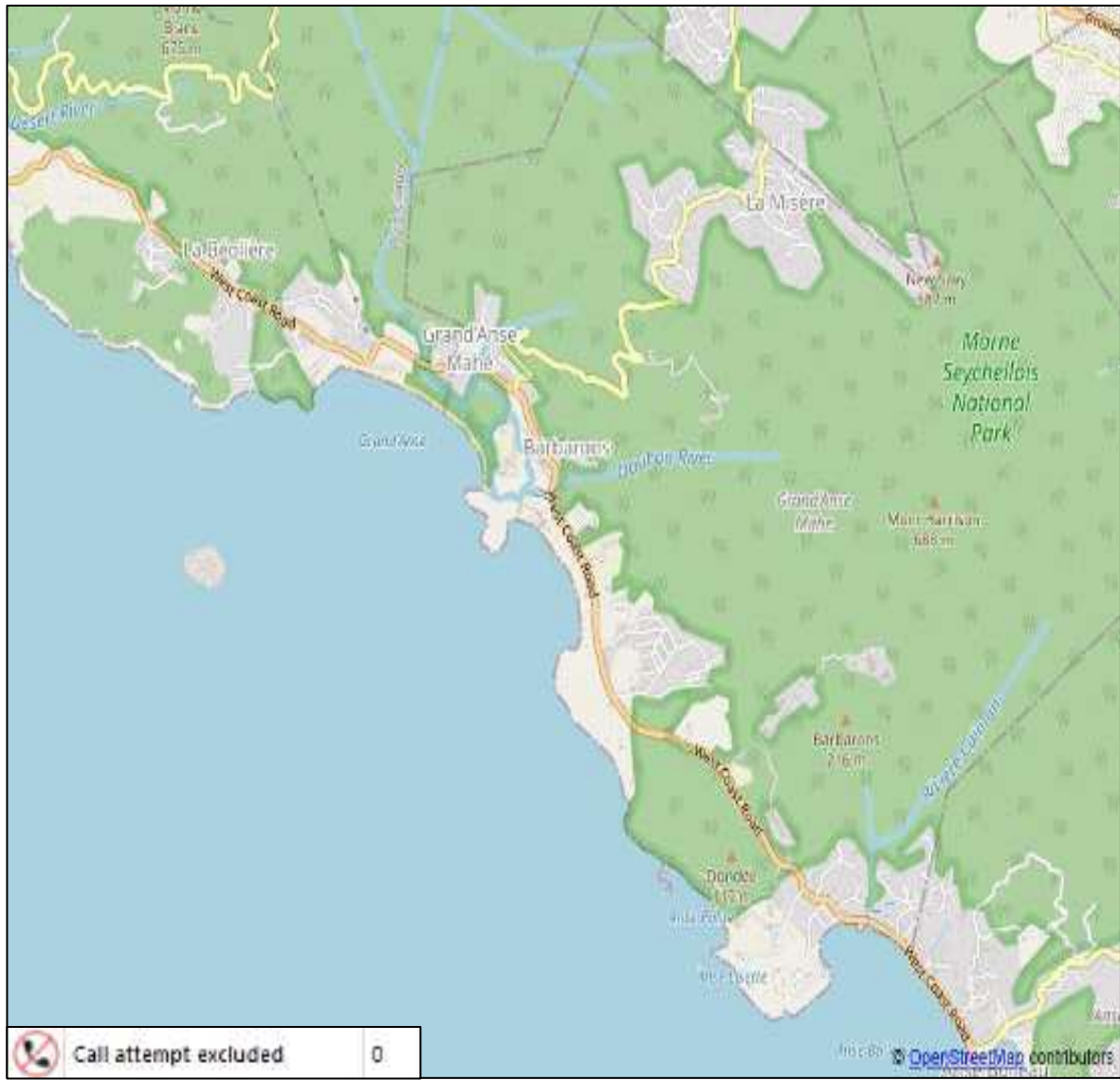
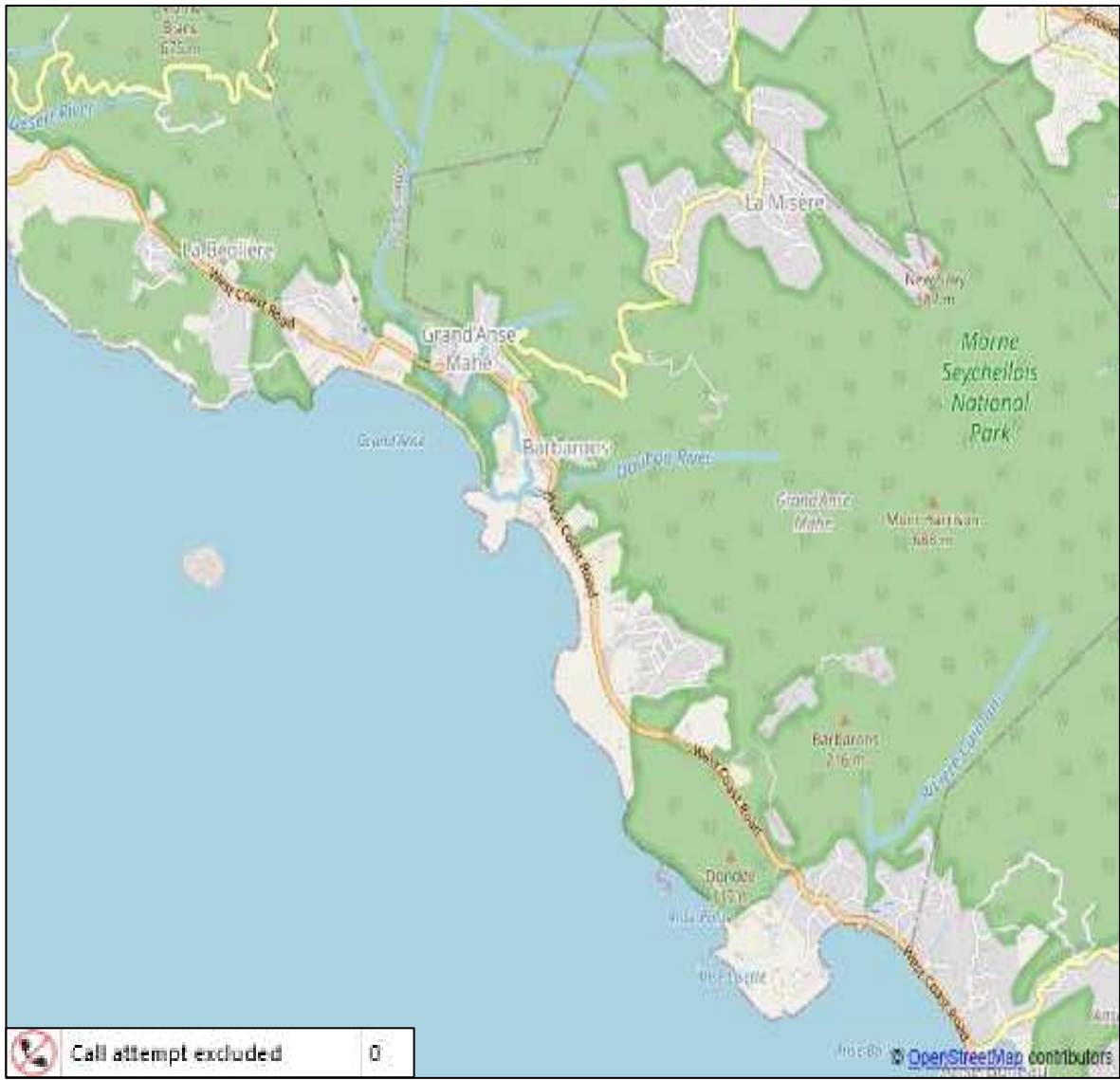
CWS LC MO



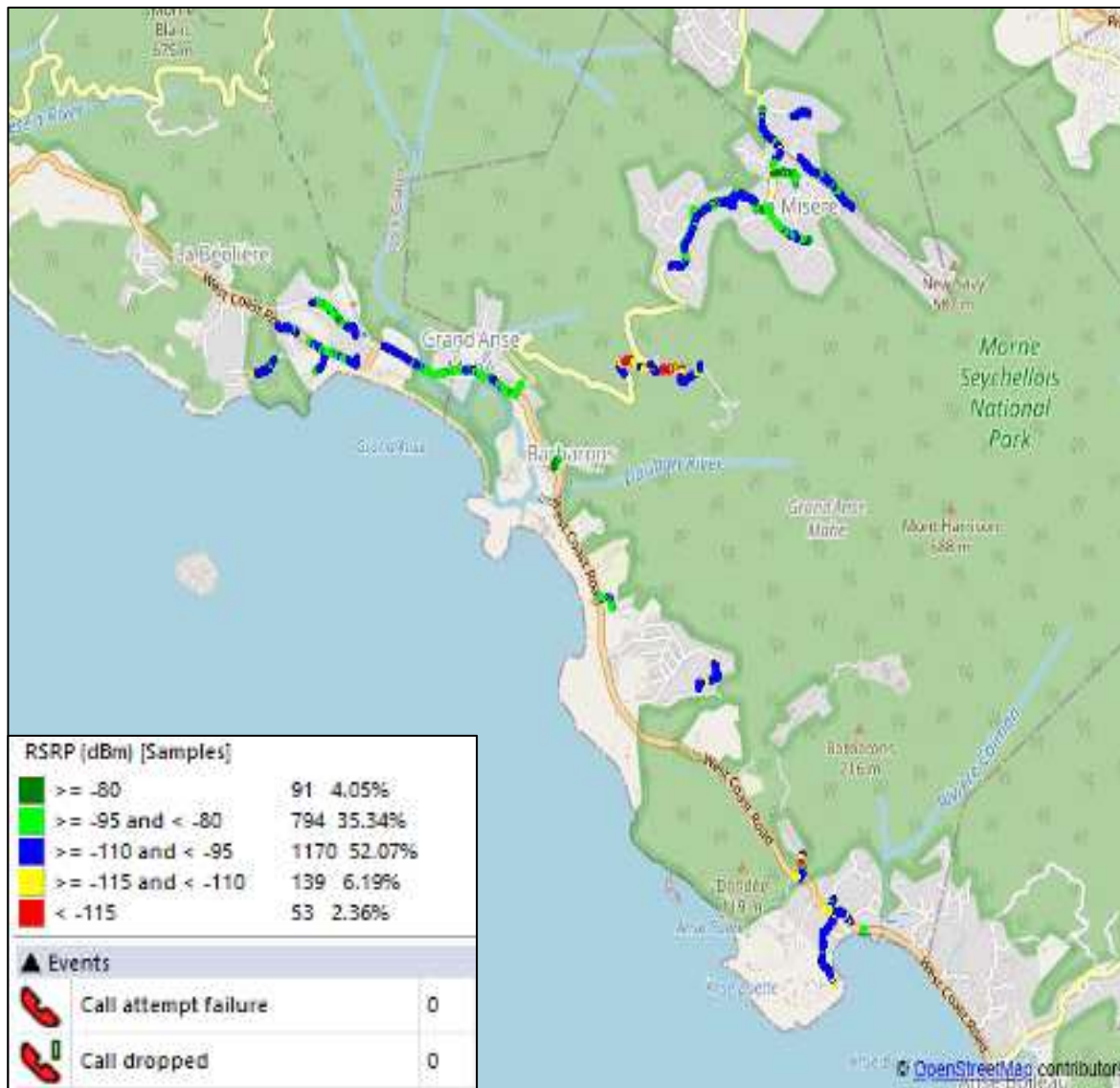
Phase-2 LONG CALL EXCLUDED EVENTS

Airtel LC MO

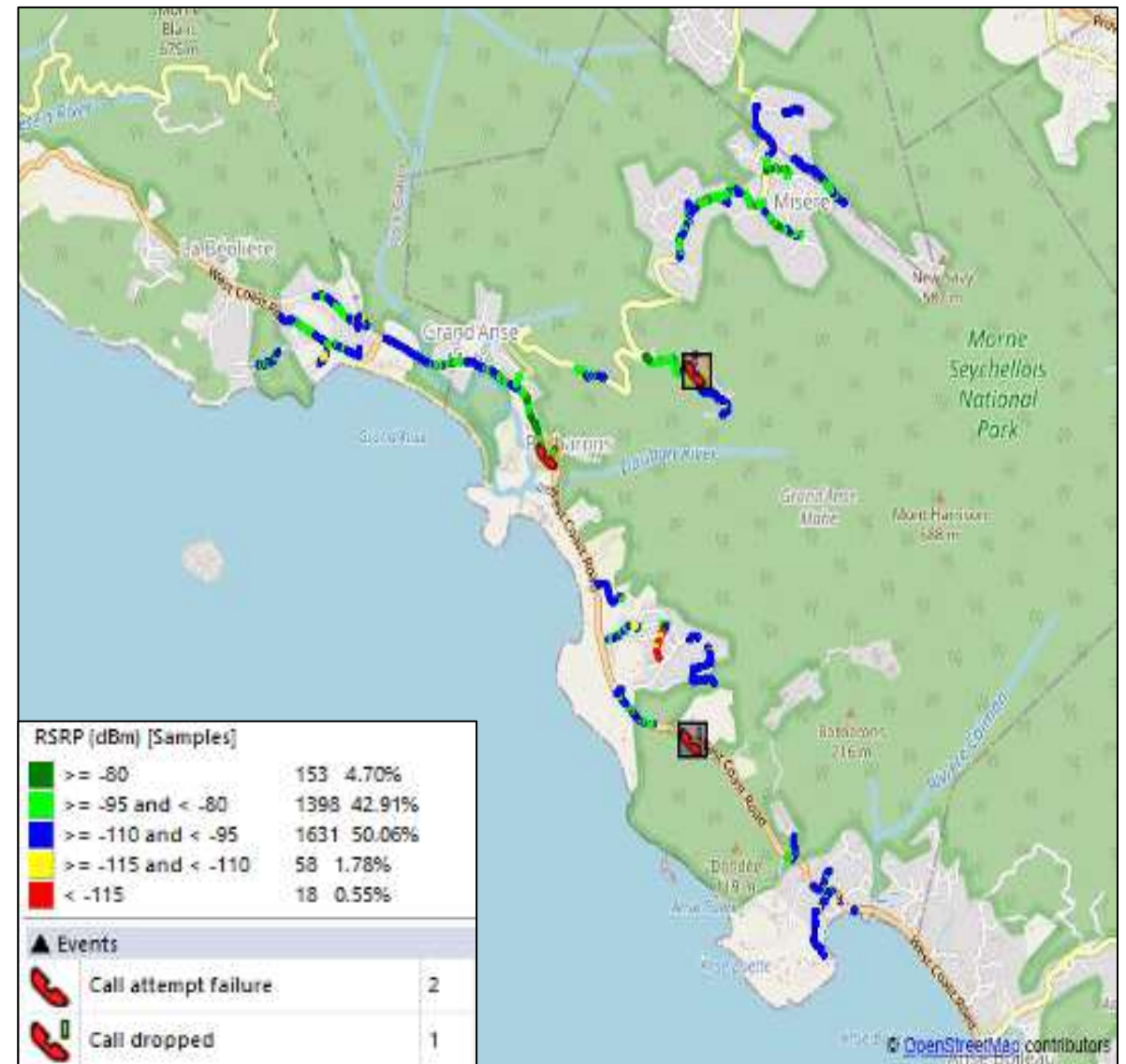
CWS LC MO



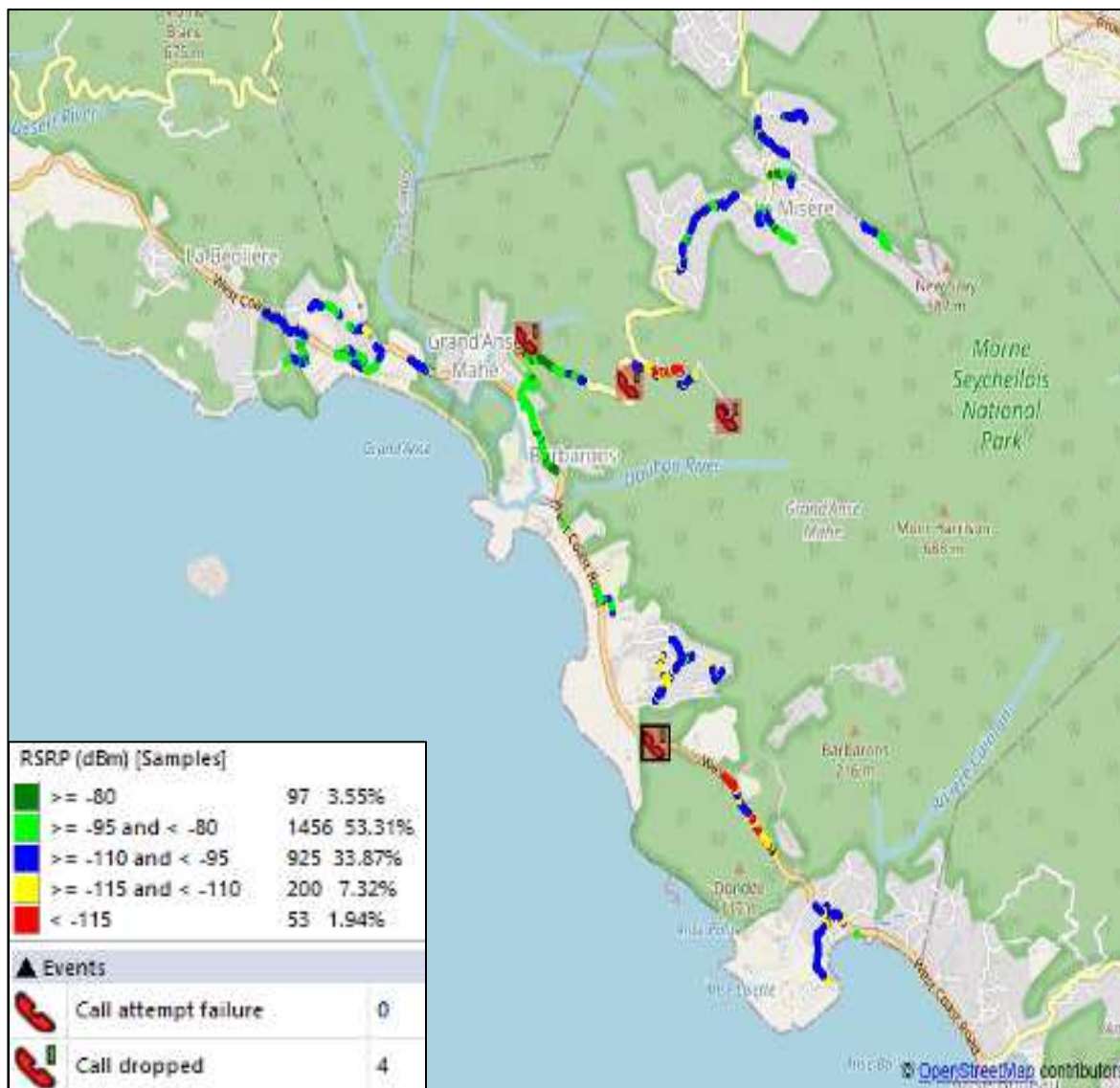
Airtel LC MO



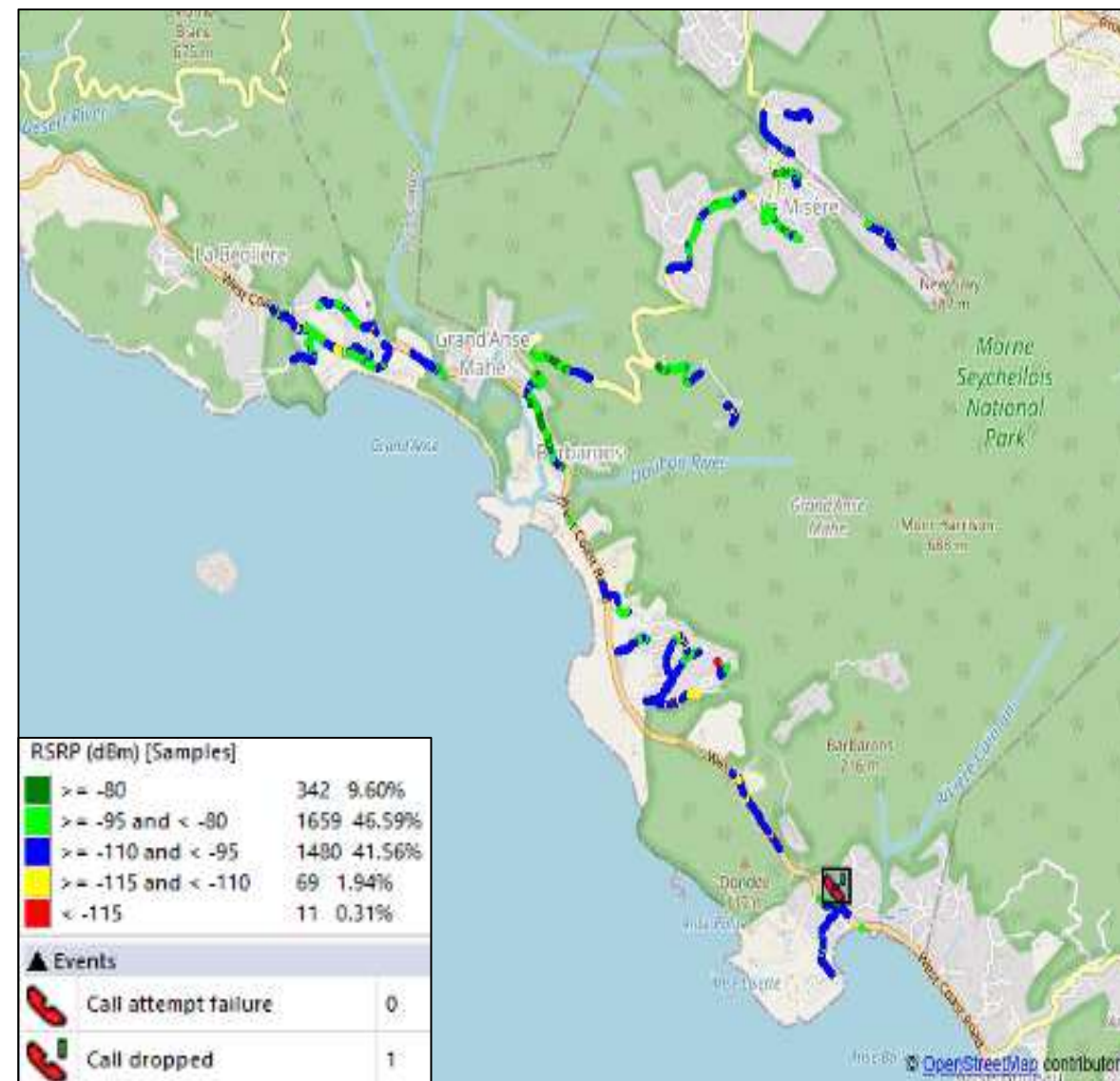
CWS LC MO



Airtel LC MO

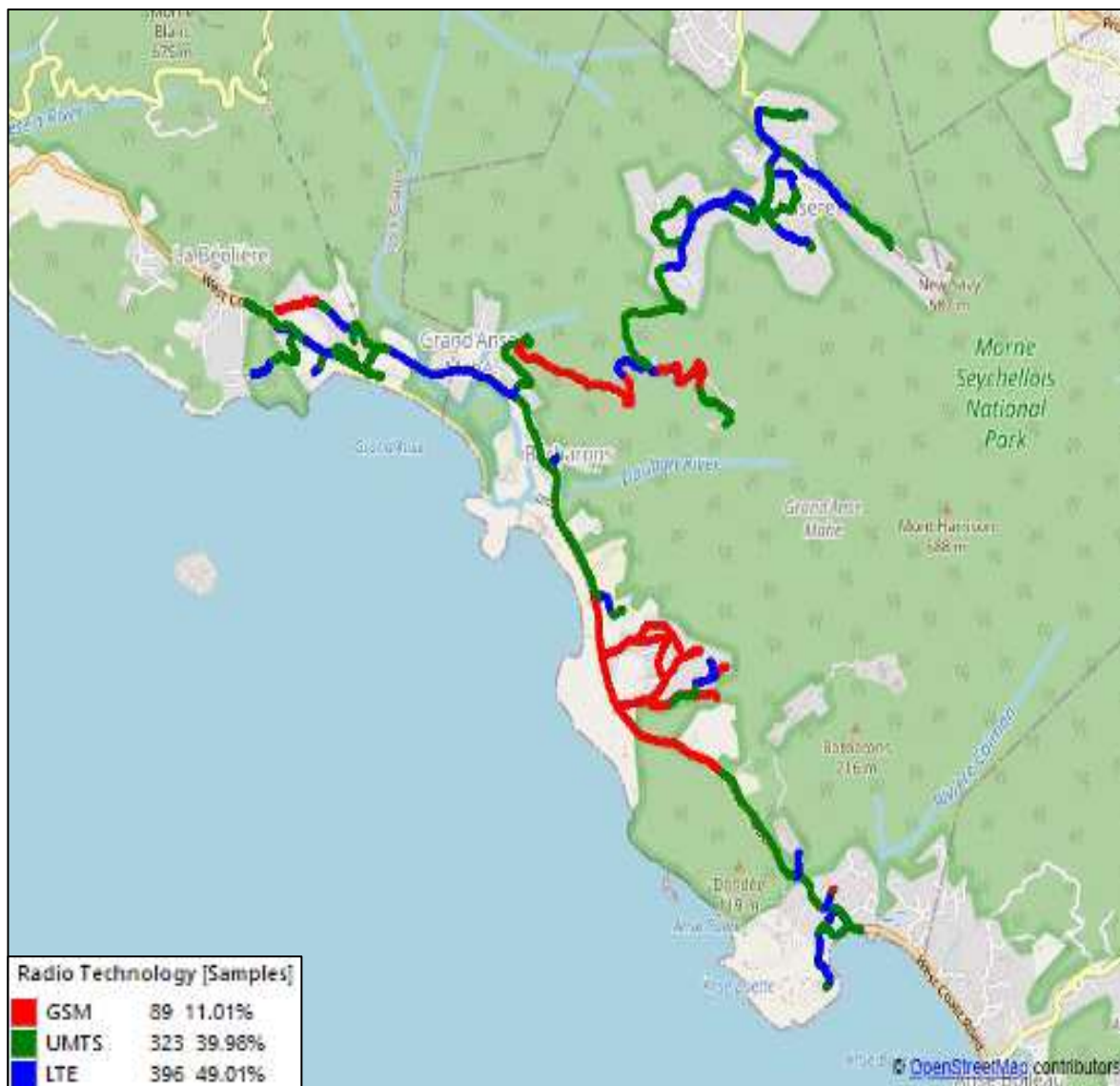


CWS LC MO

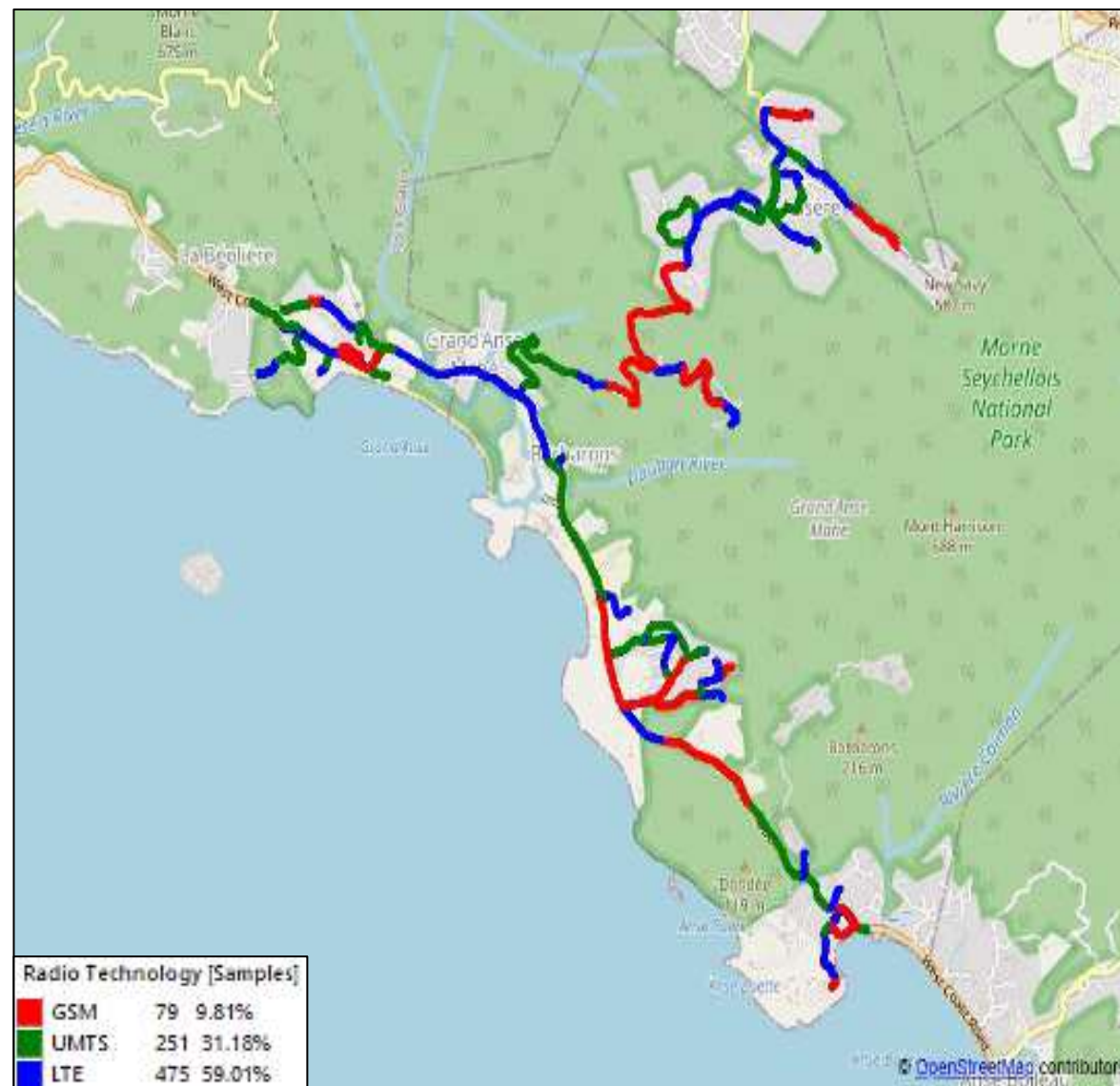


LONG CALL DRIVE PLOTS

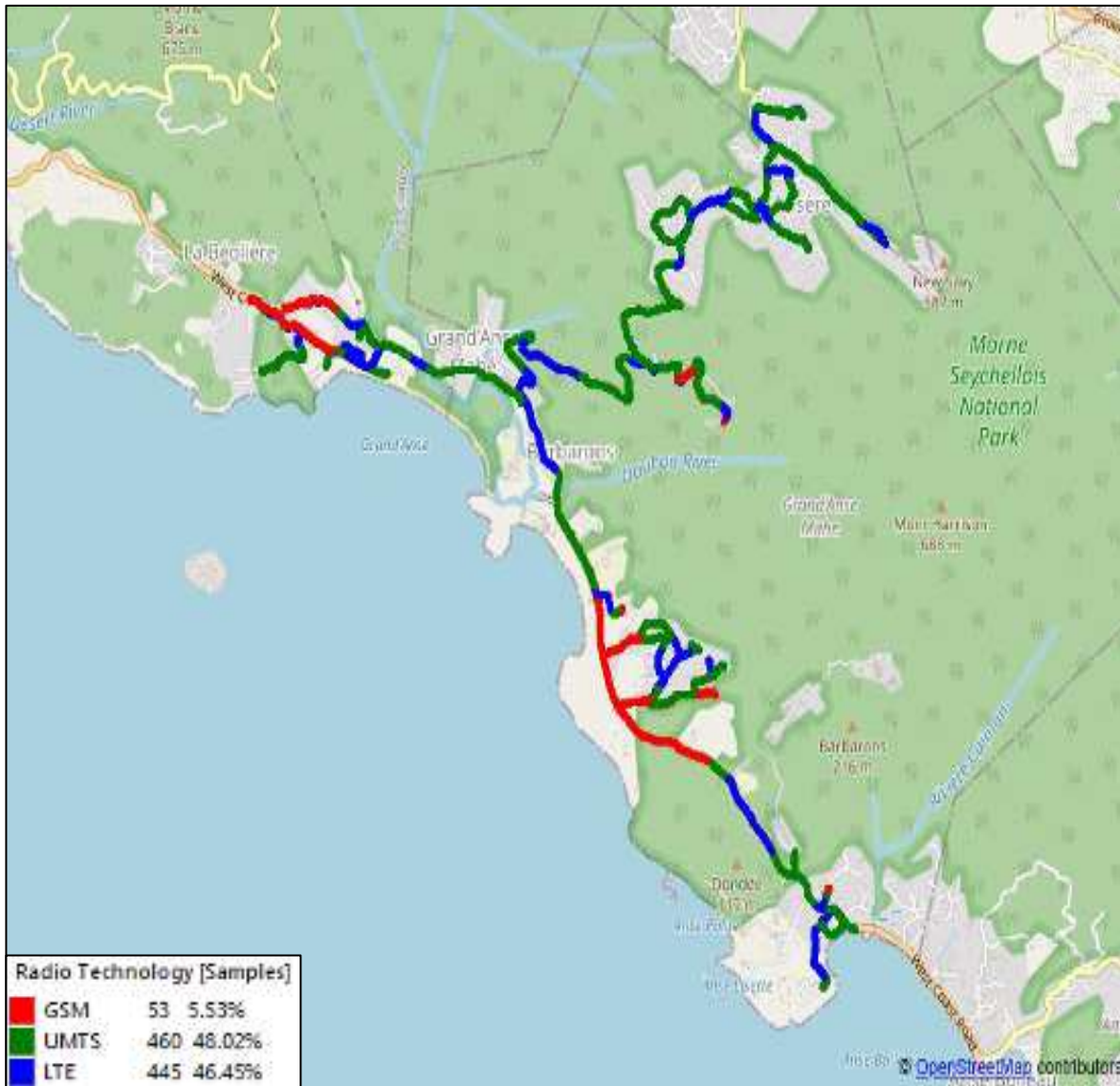
Airtel LC MO



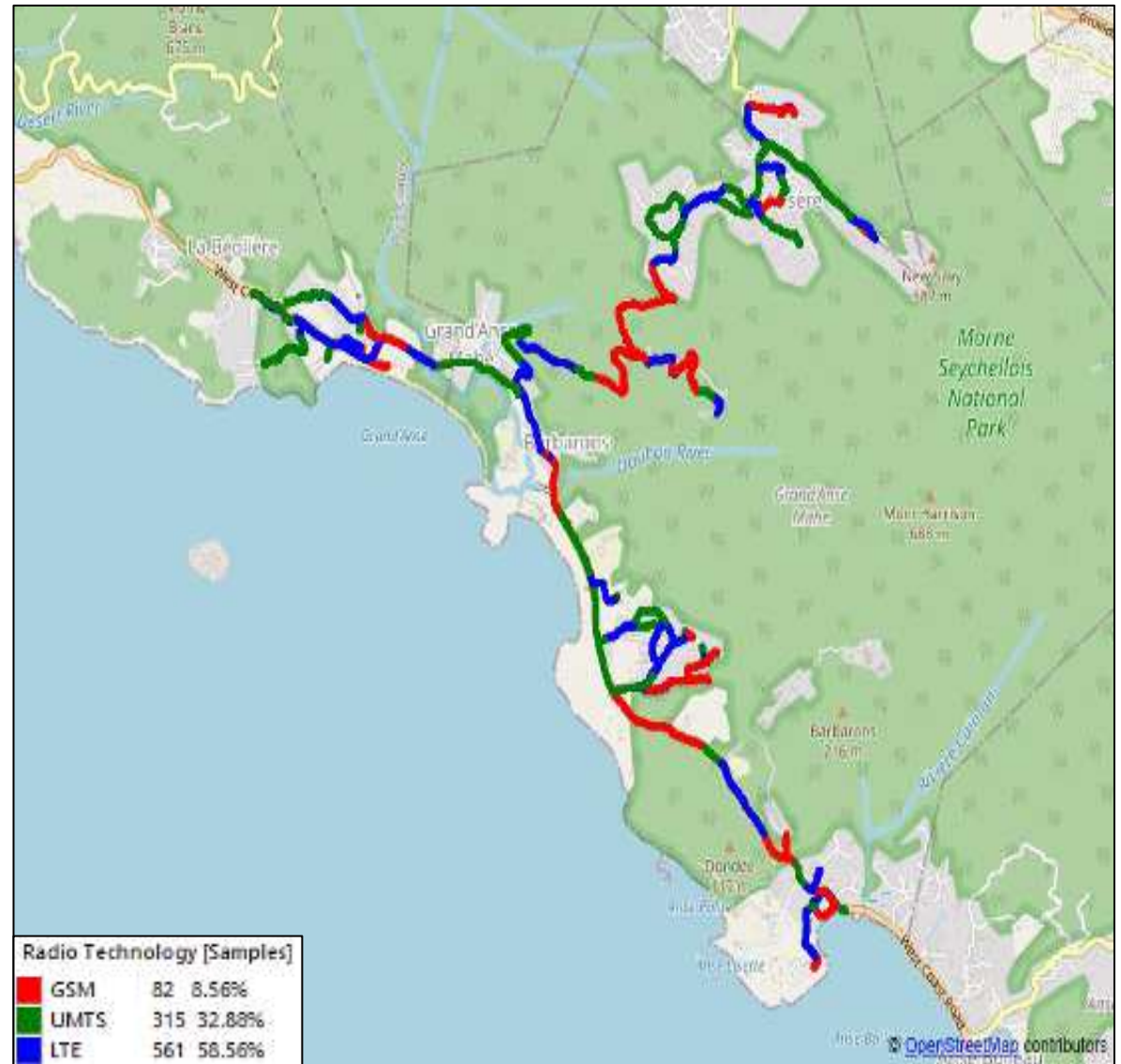
CWS LC MO



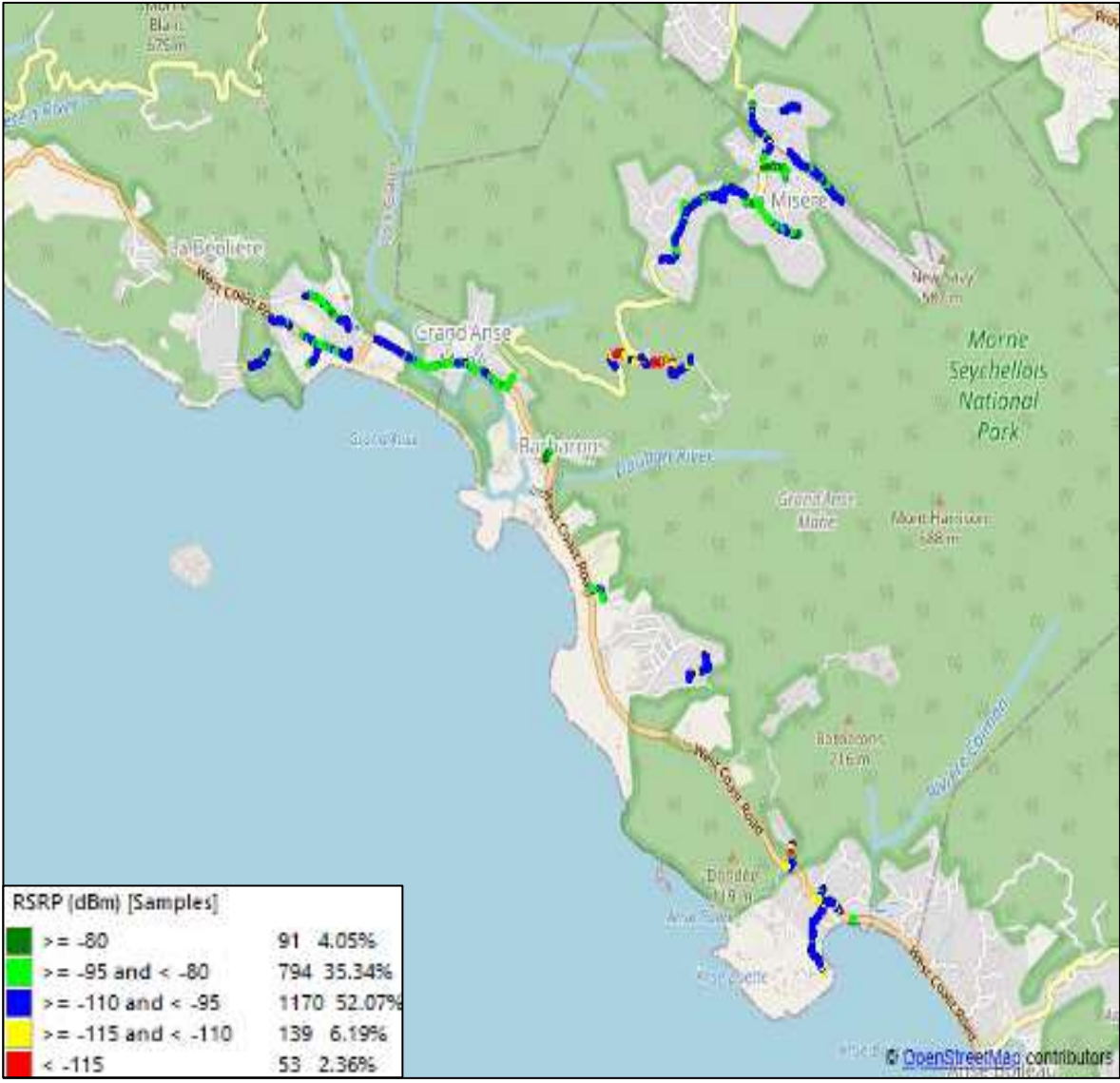
Airtel LC MO



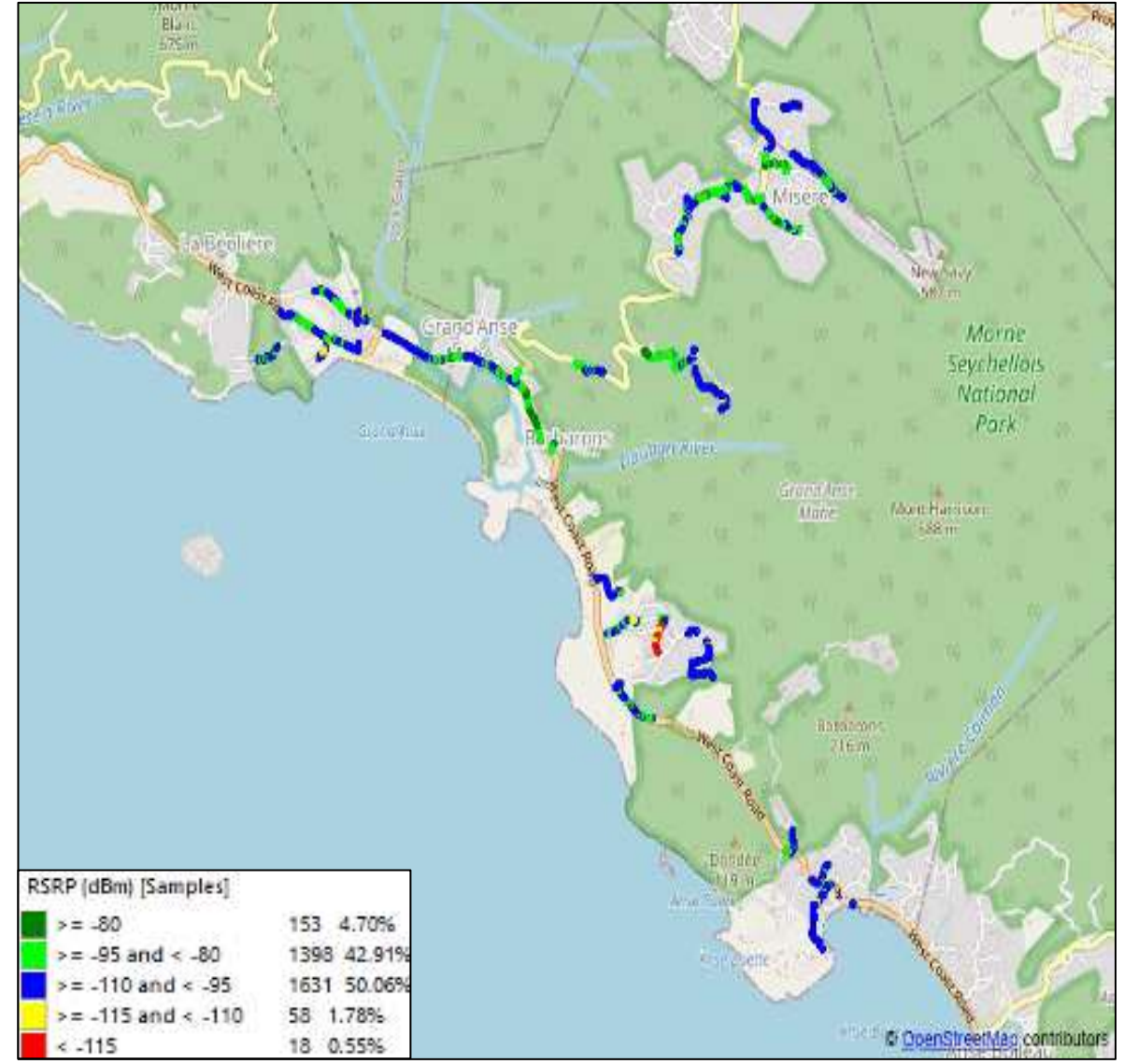
CWS LC MO



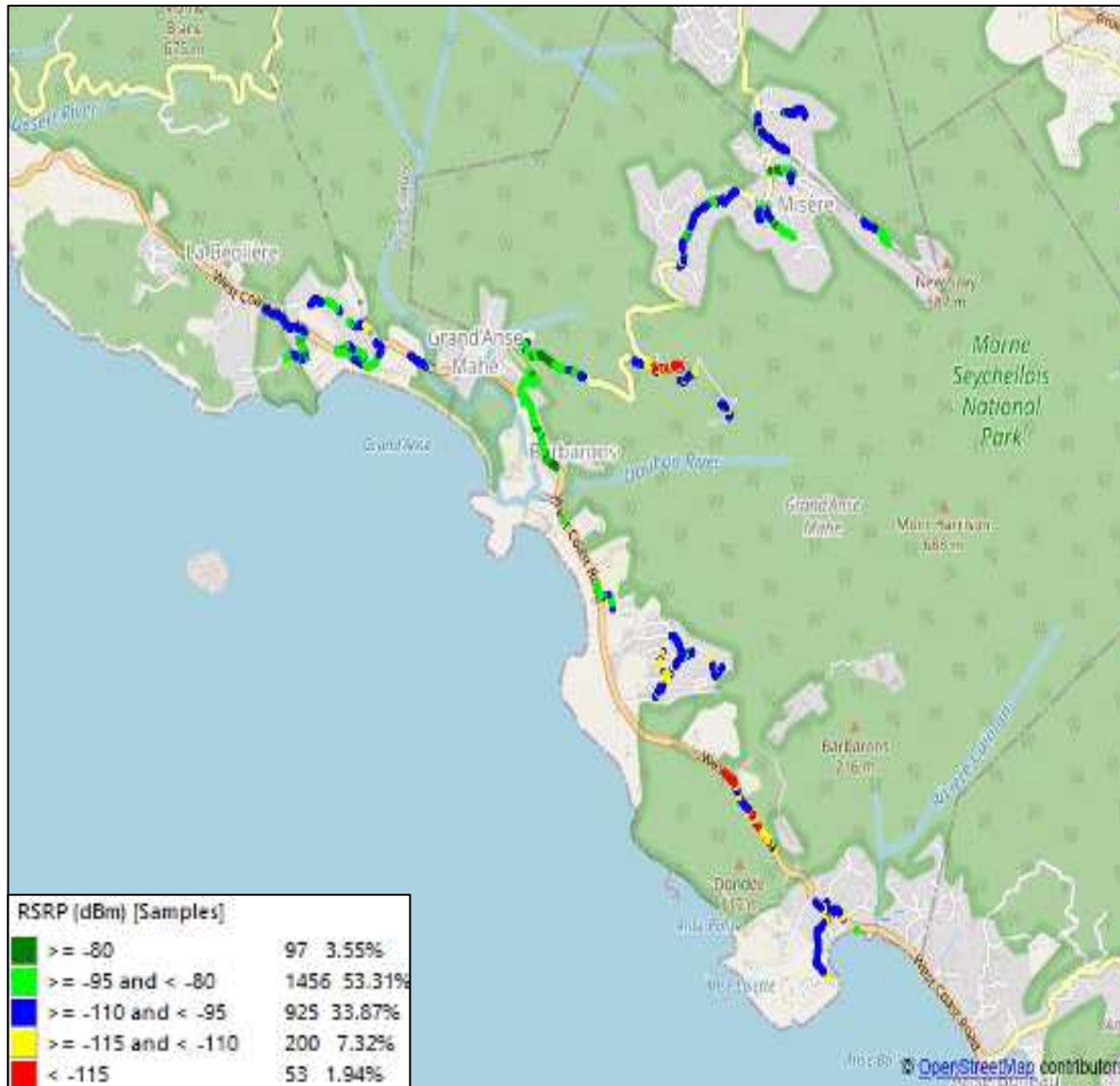
Airtel LC MO



CWS LC MO



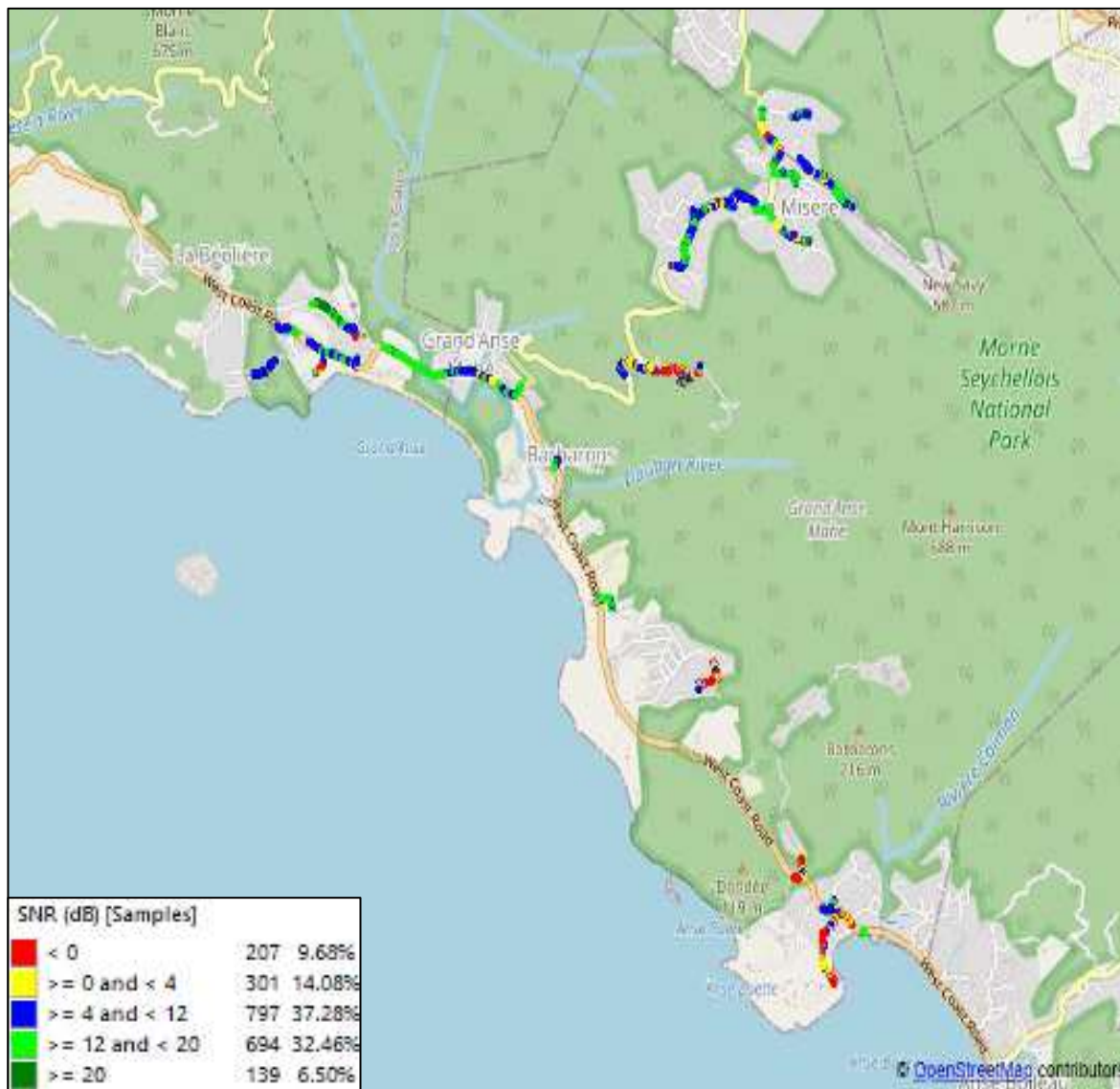
Airtel LC MO



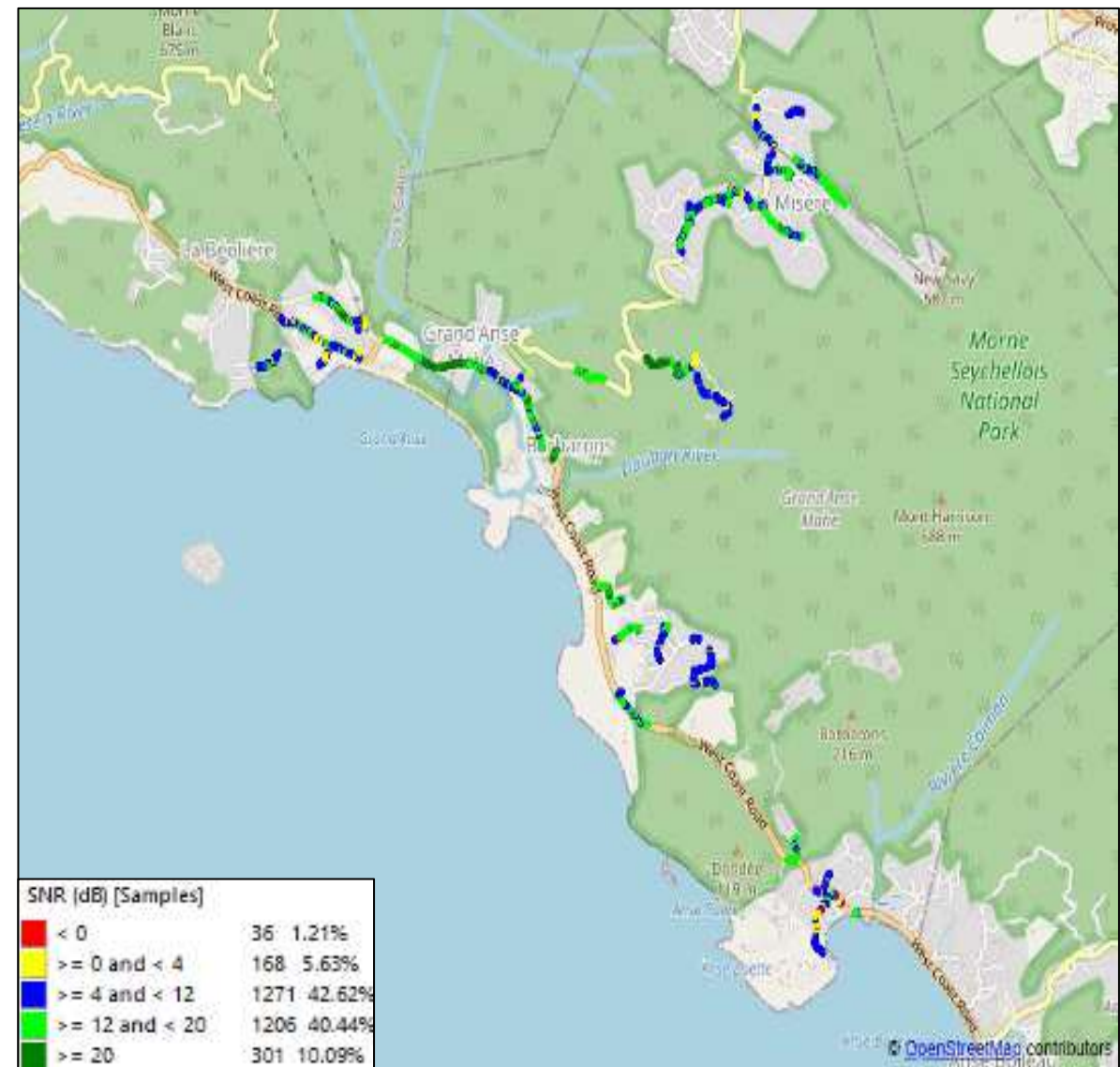
CWS LC MO



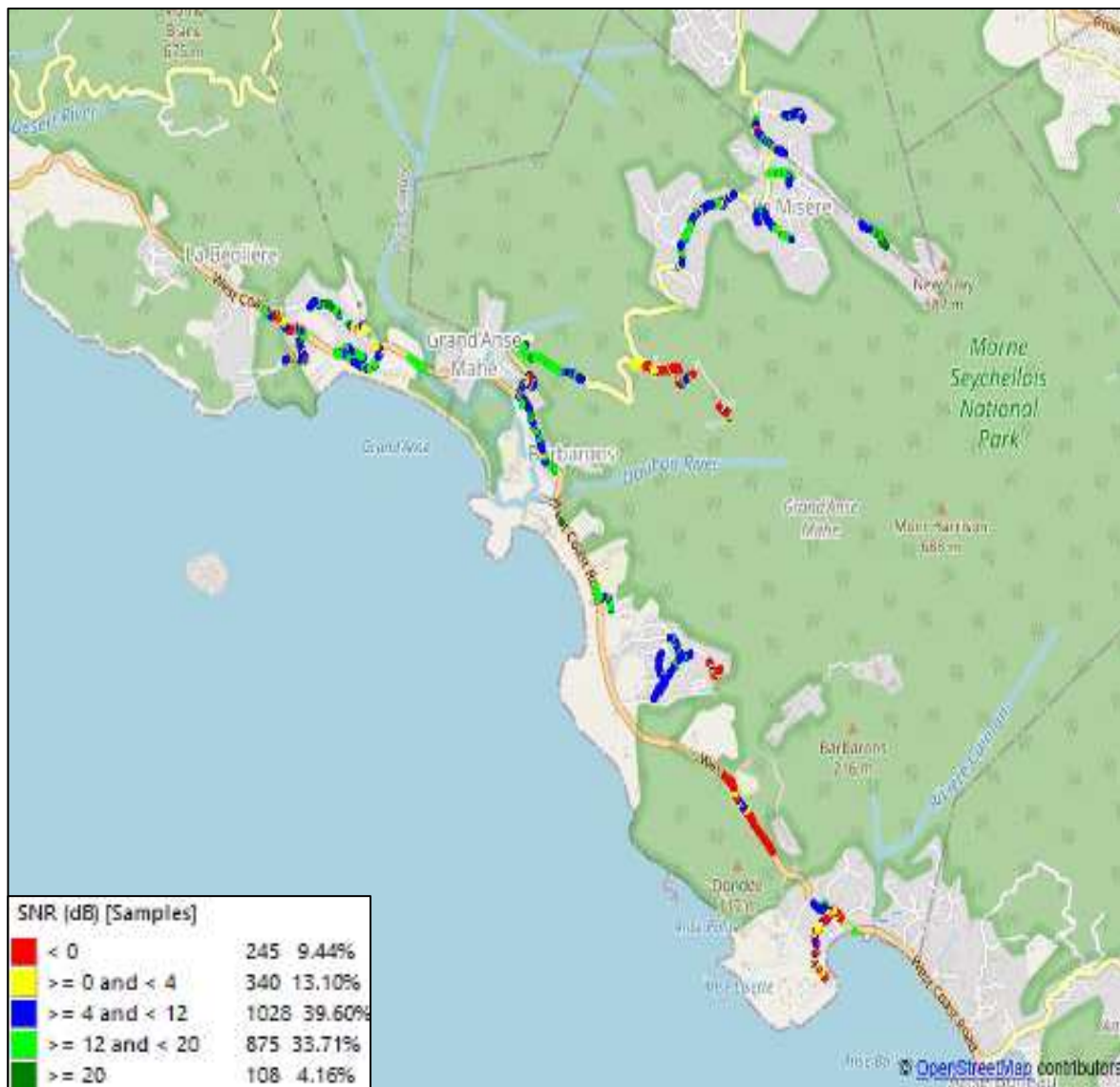
Airtel LC MO



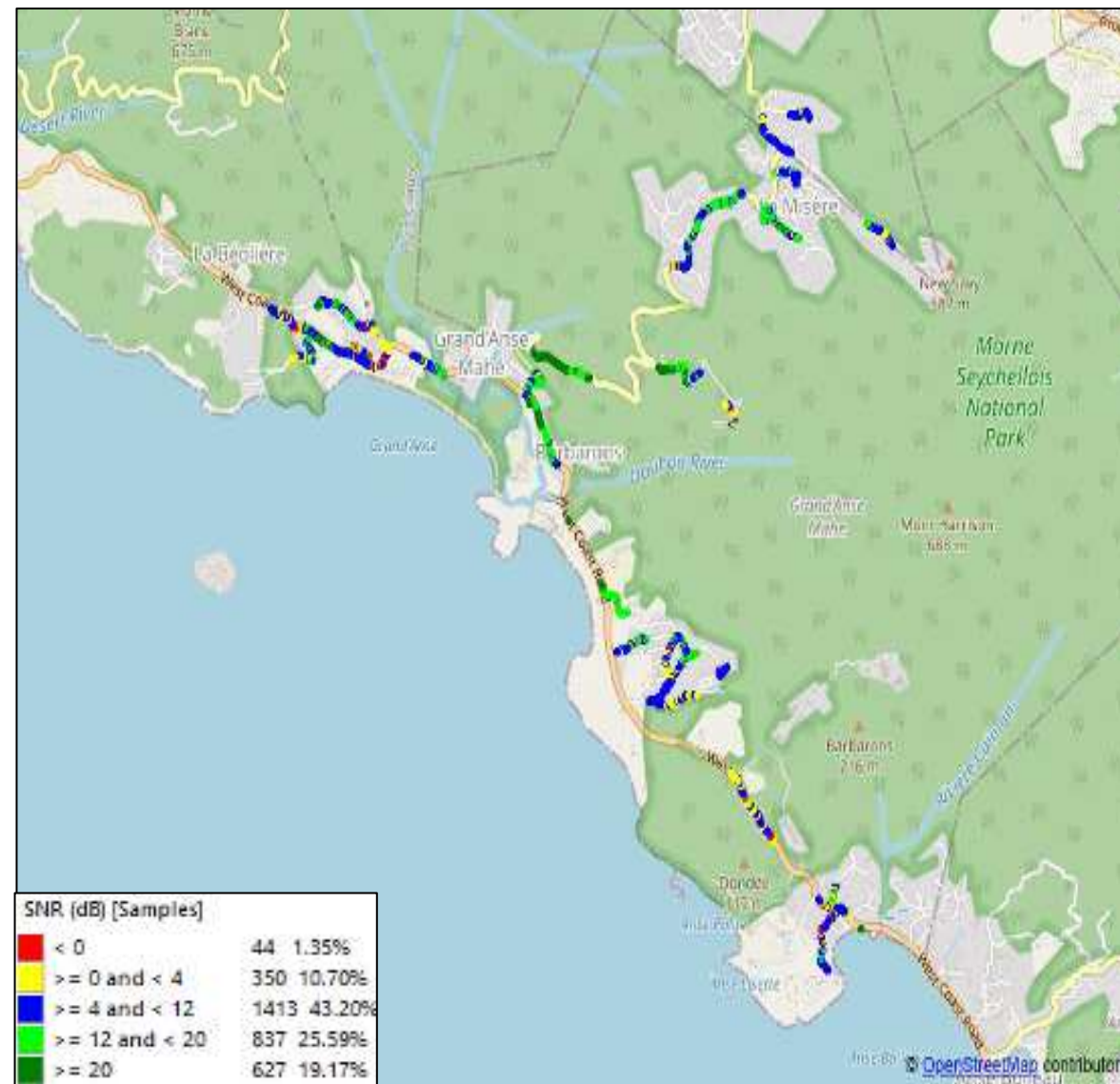
CWS LC MO



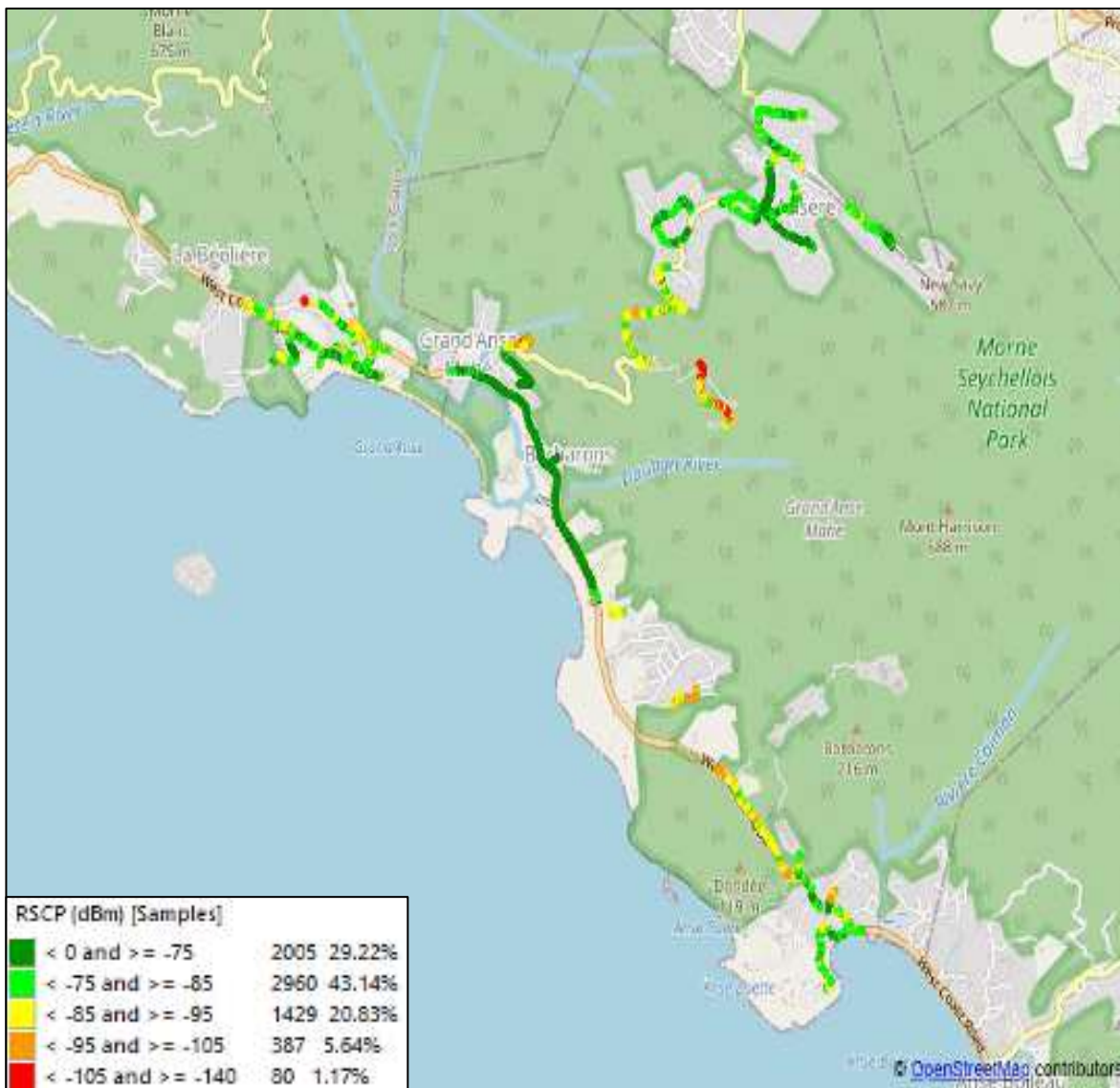
Airtel LC MO



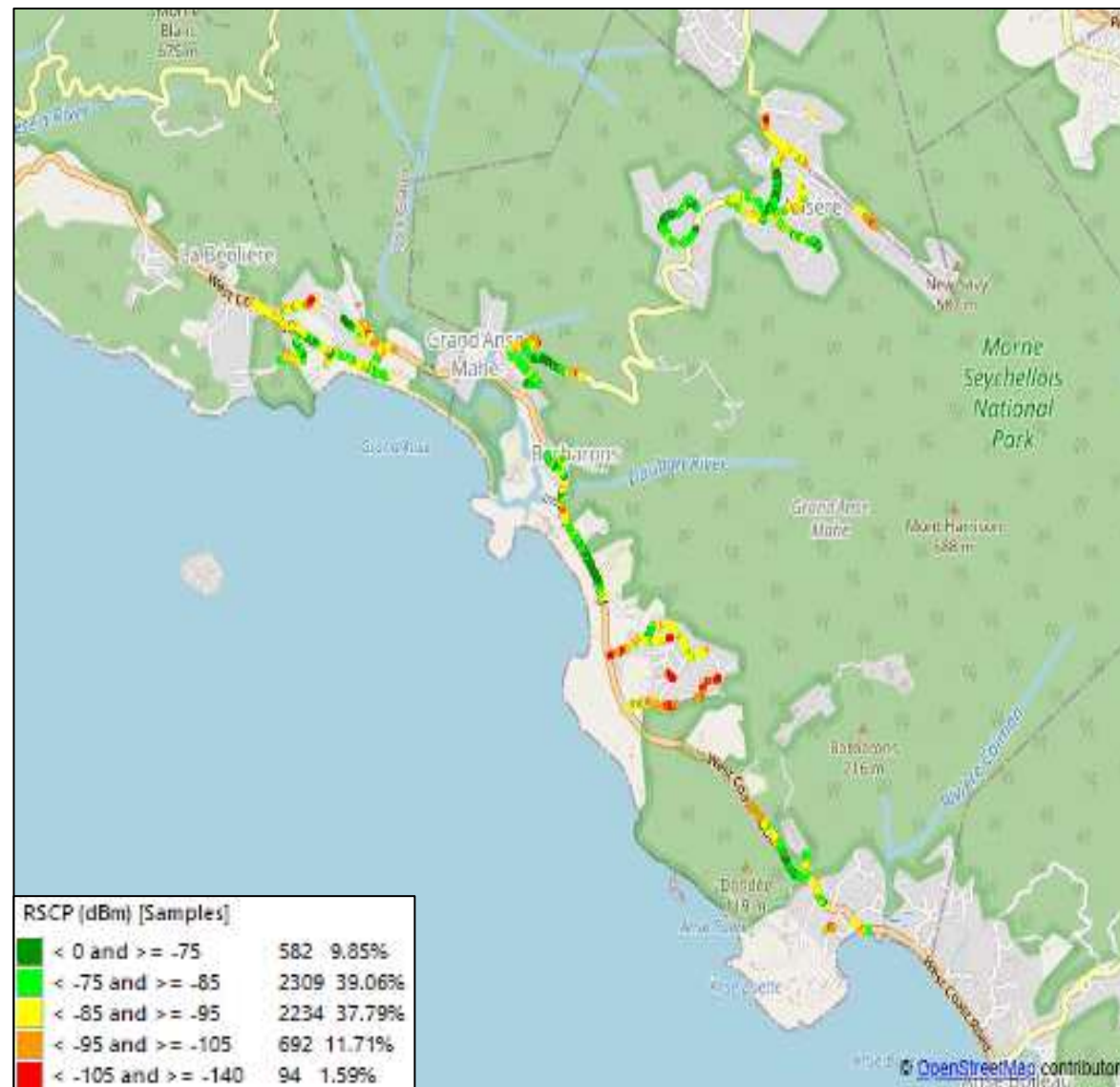
CWS LC MO



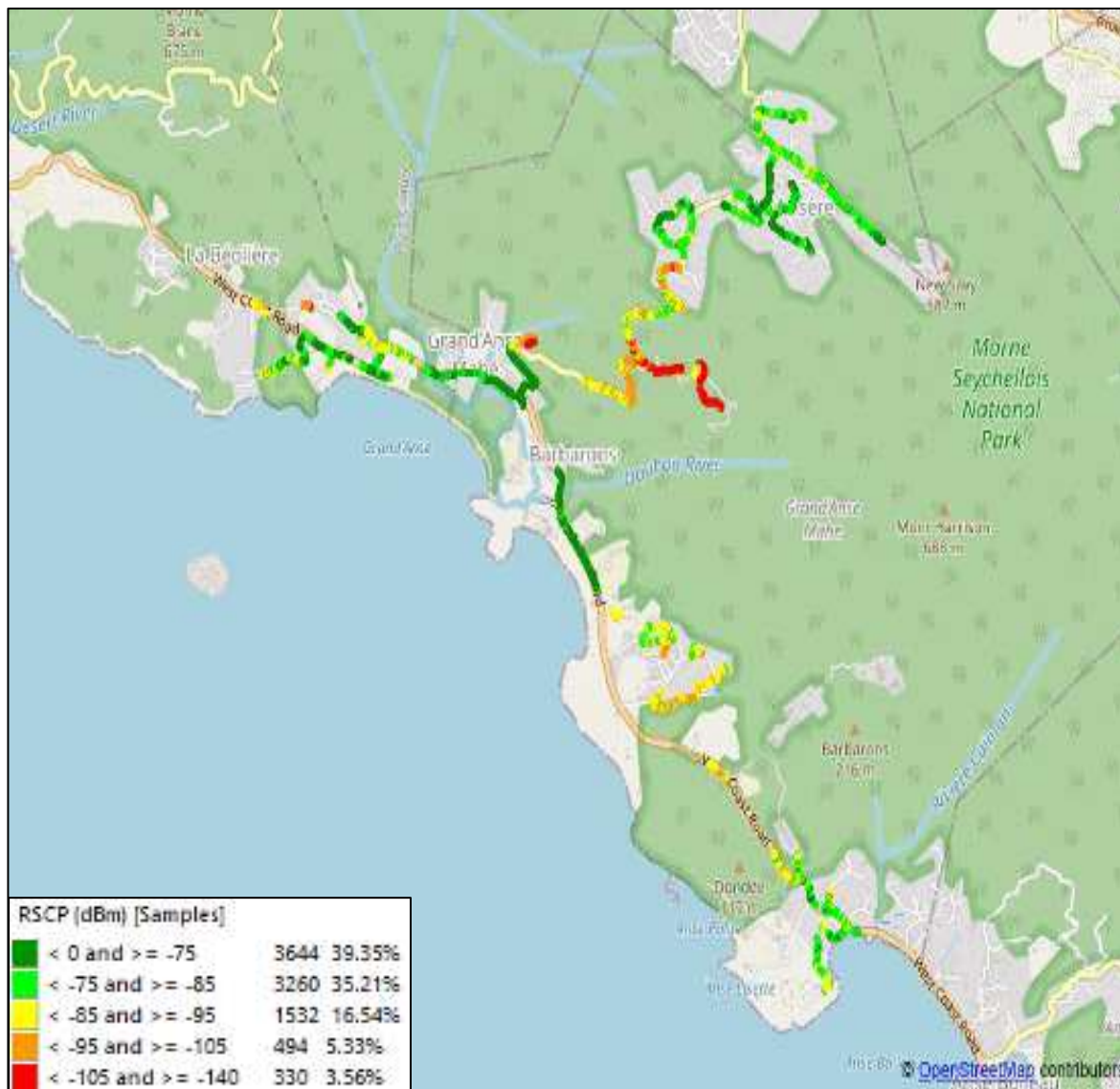
Airtel LC MO



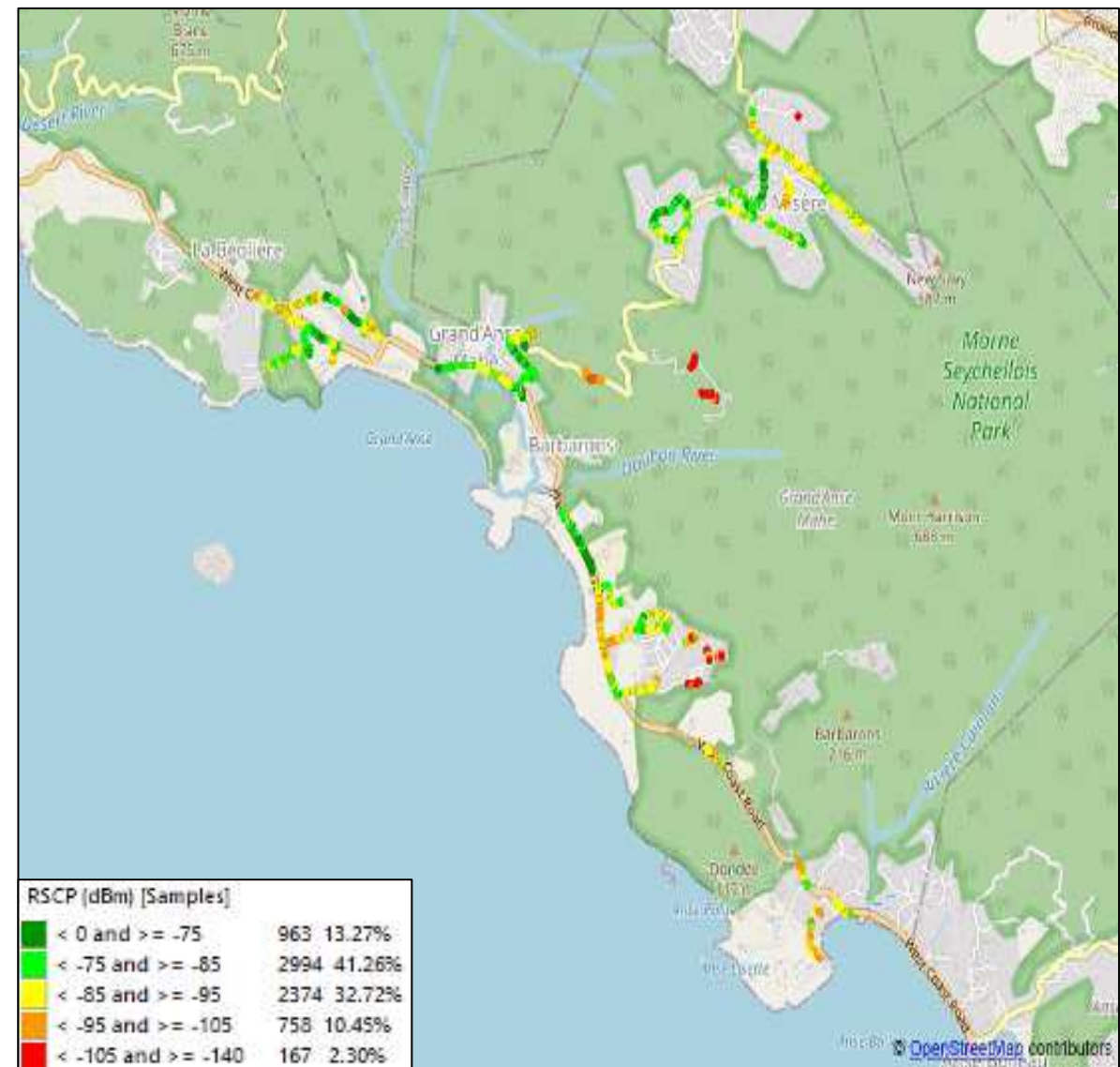
CWS LC MO



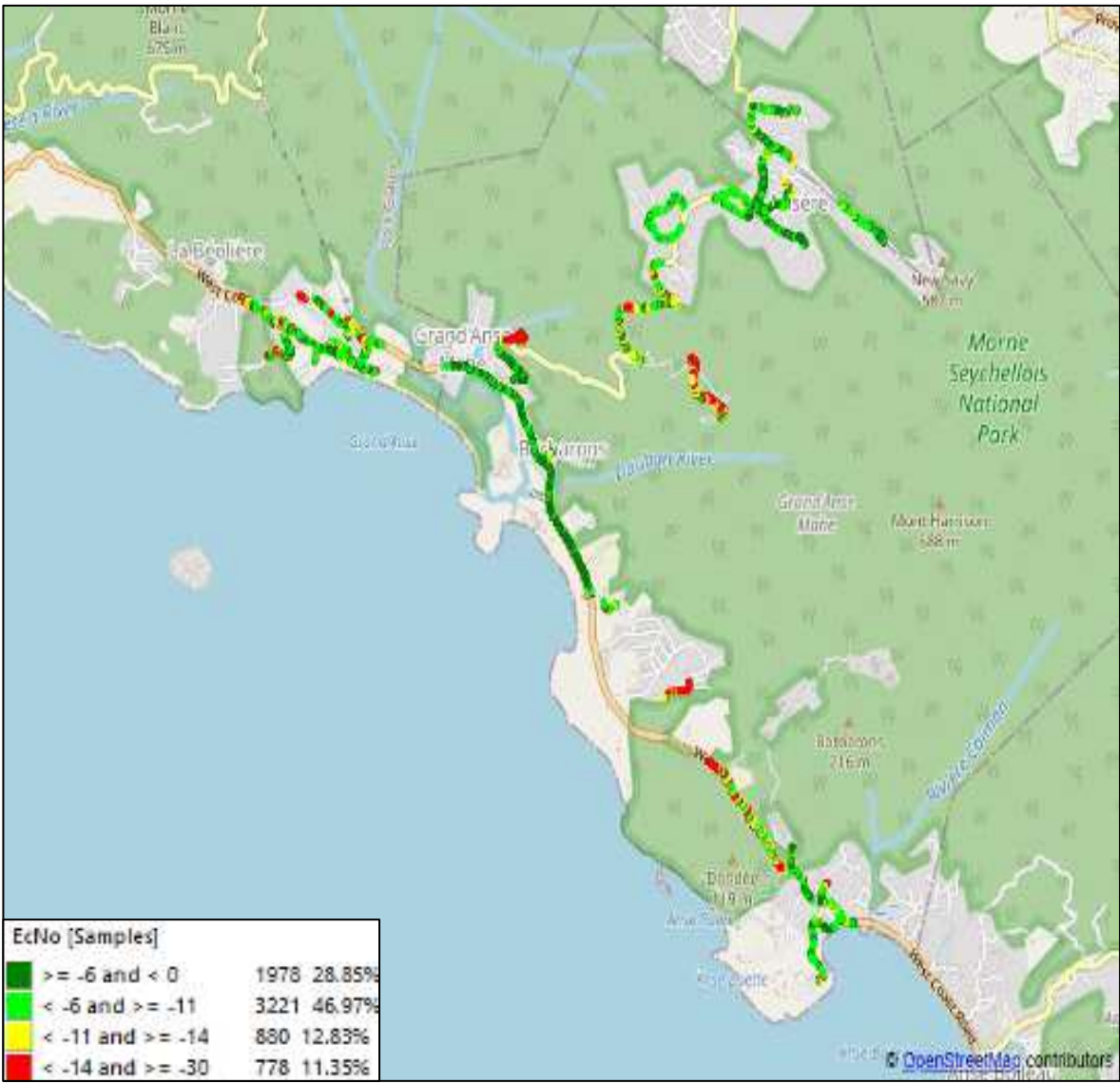
Airtel LC MO



CWS LC MO



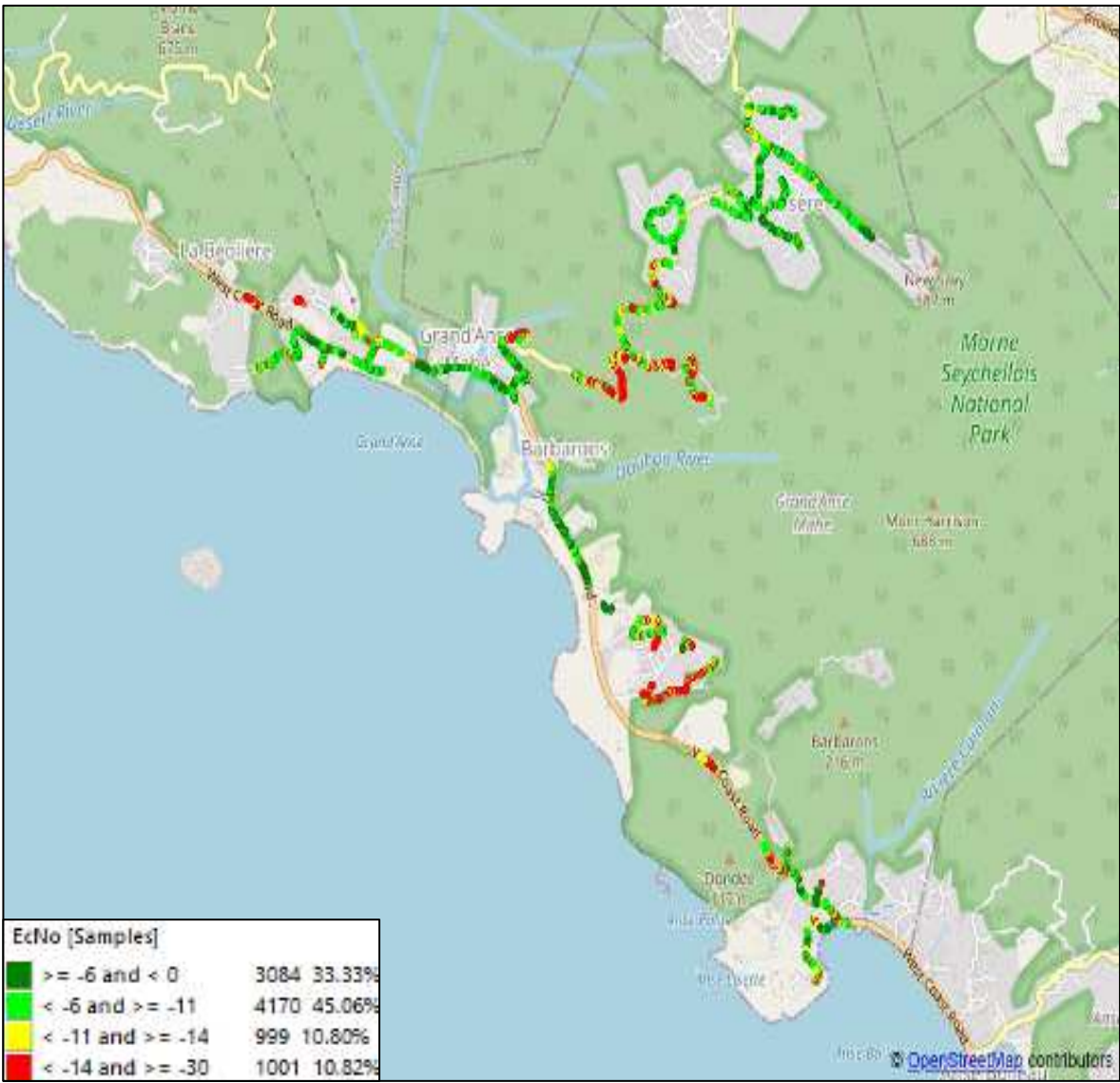
Airtel LC MO



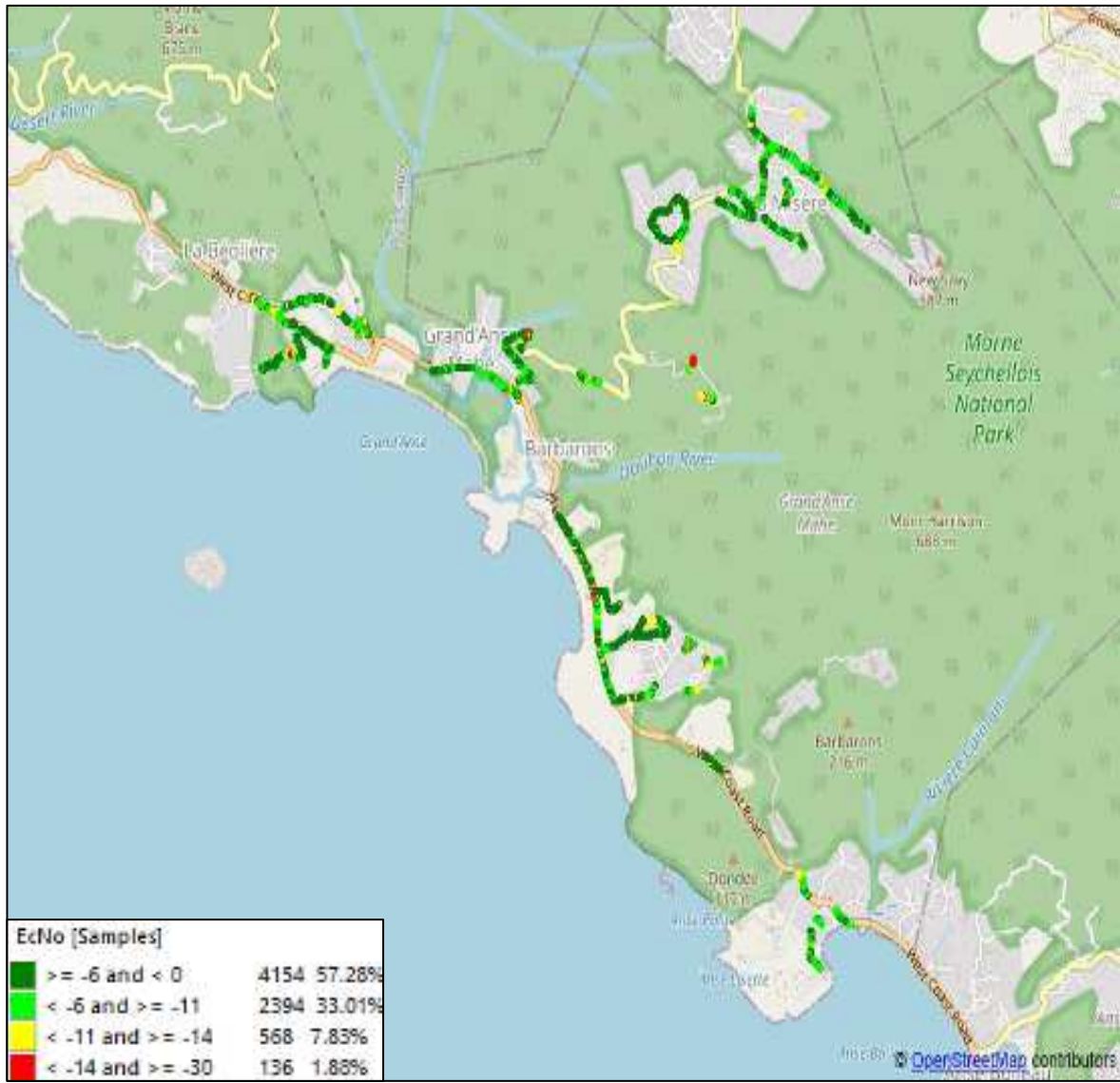
CWS LC MO



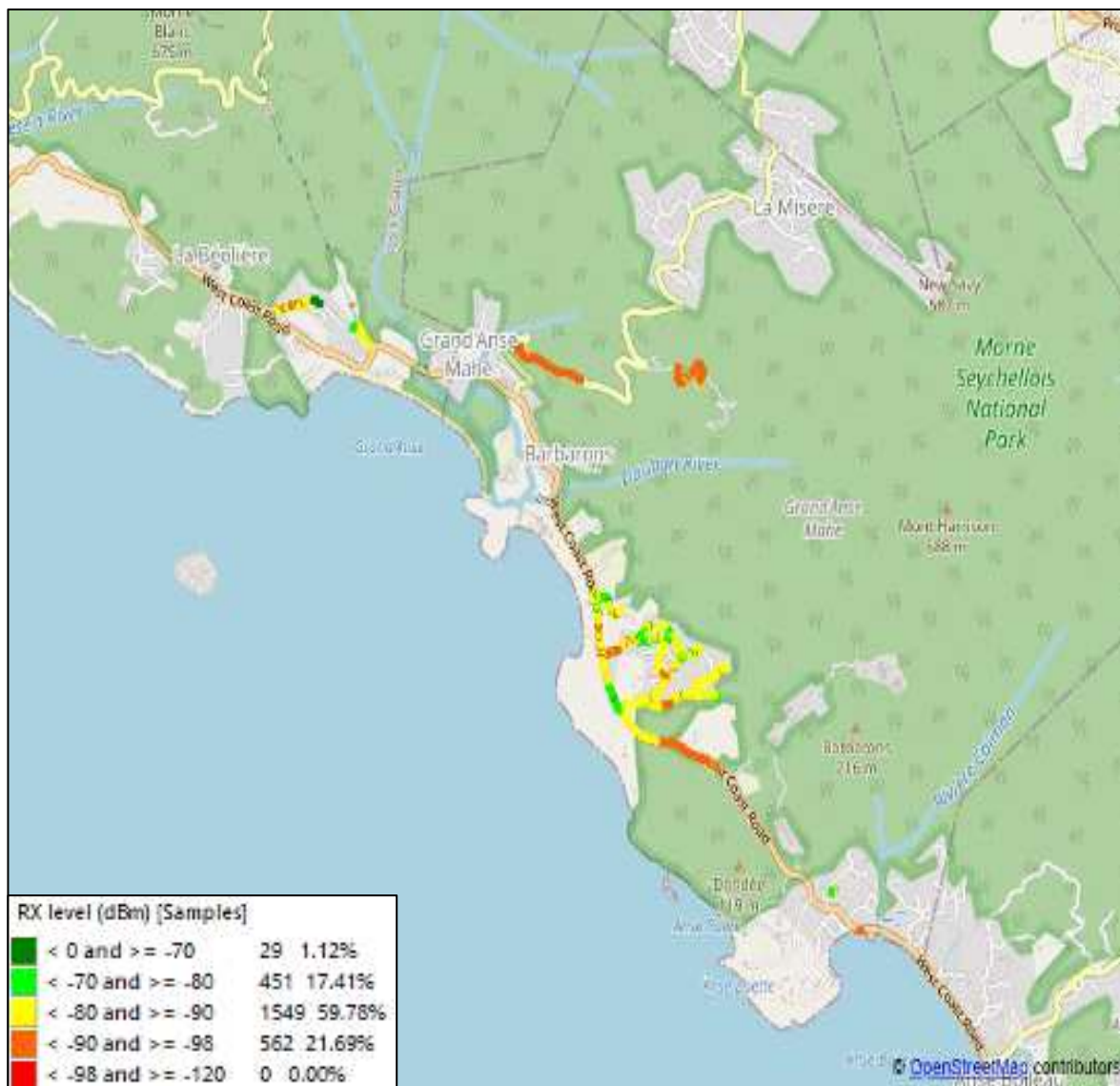
Airtel LC MO



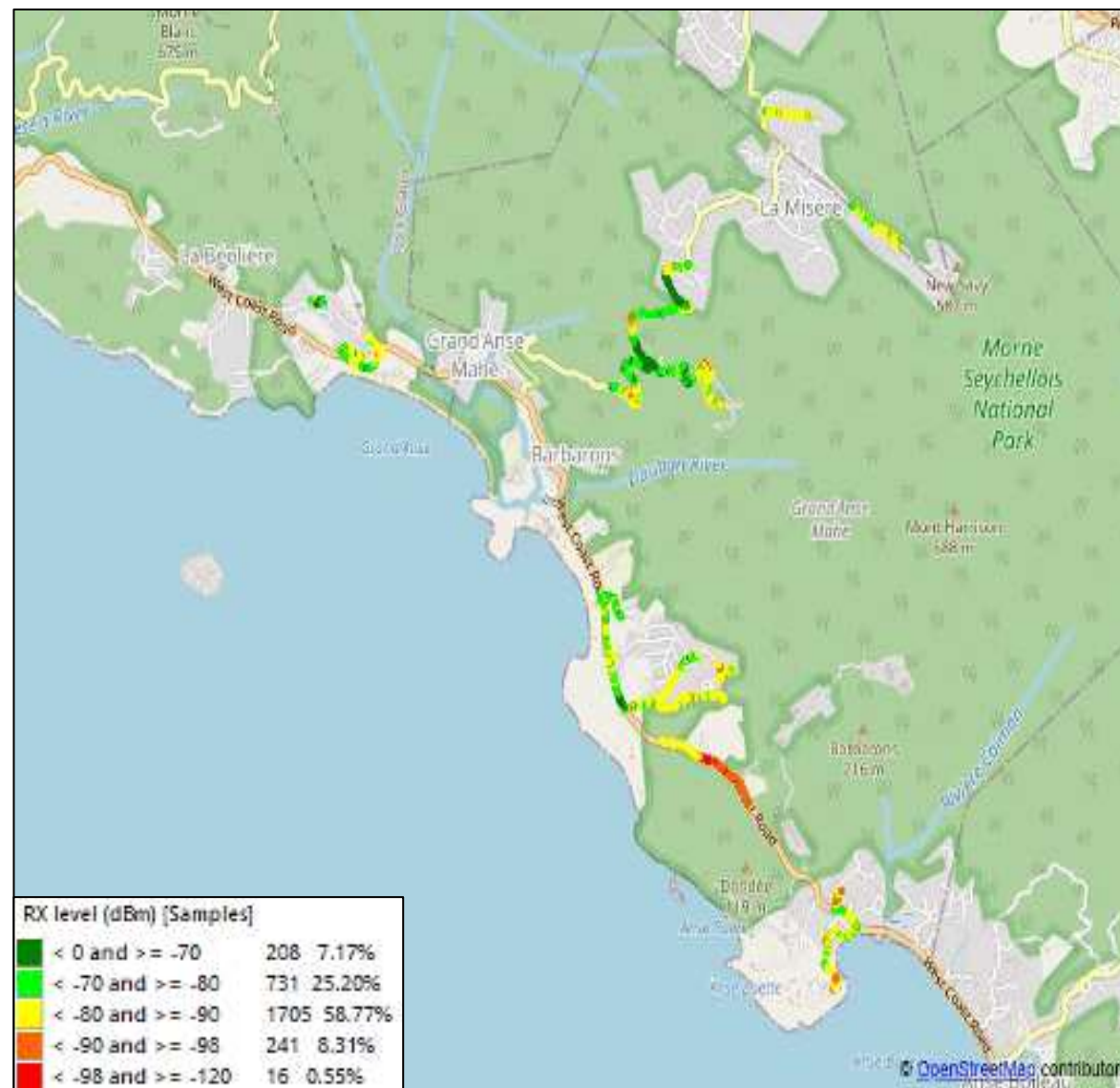
CWS LC MO



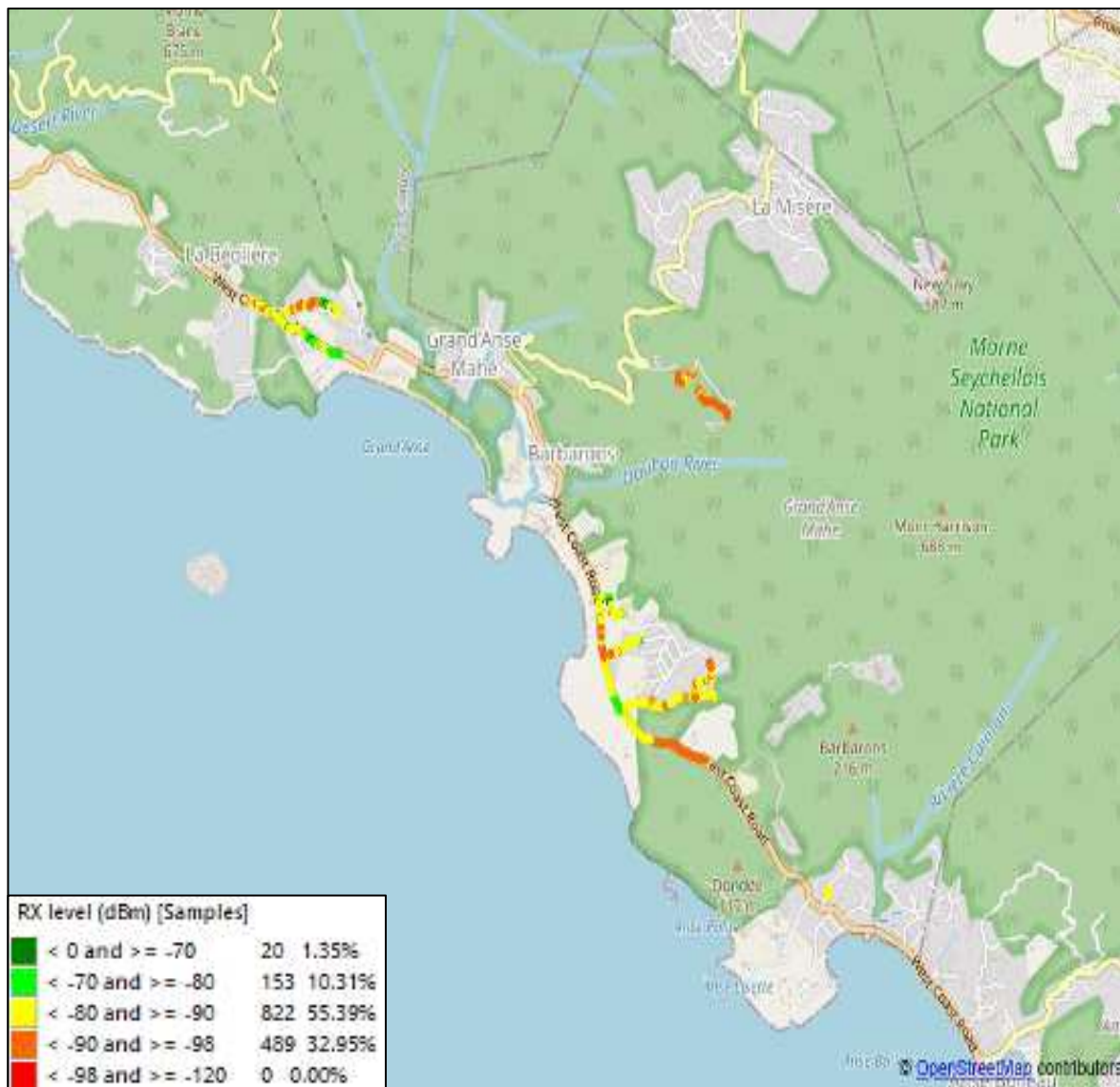
Airtel LC MO



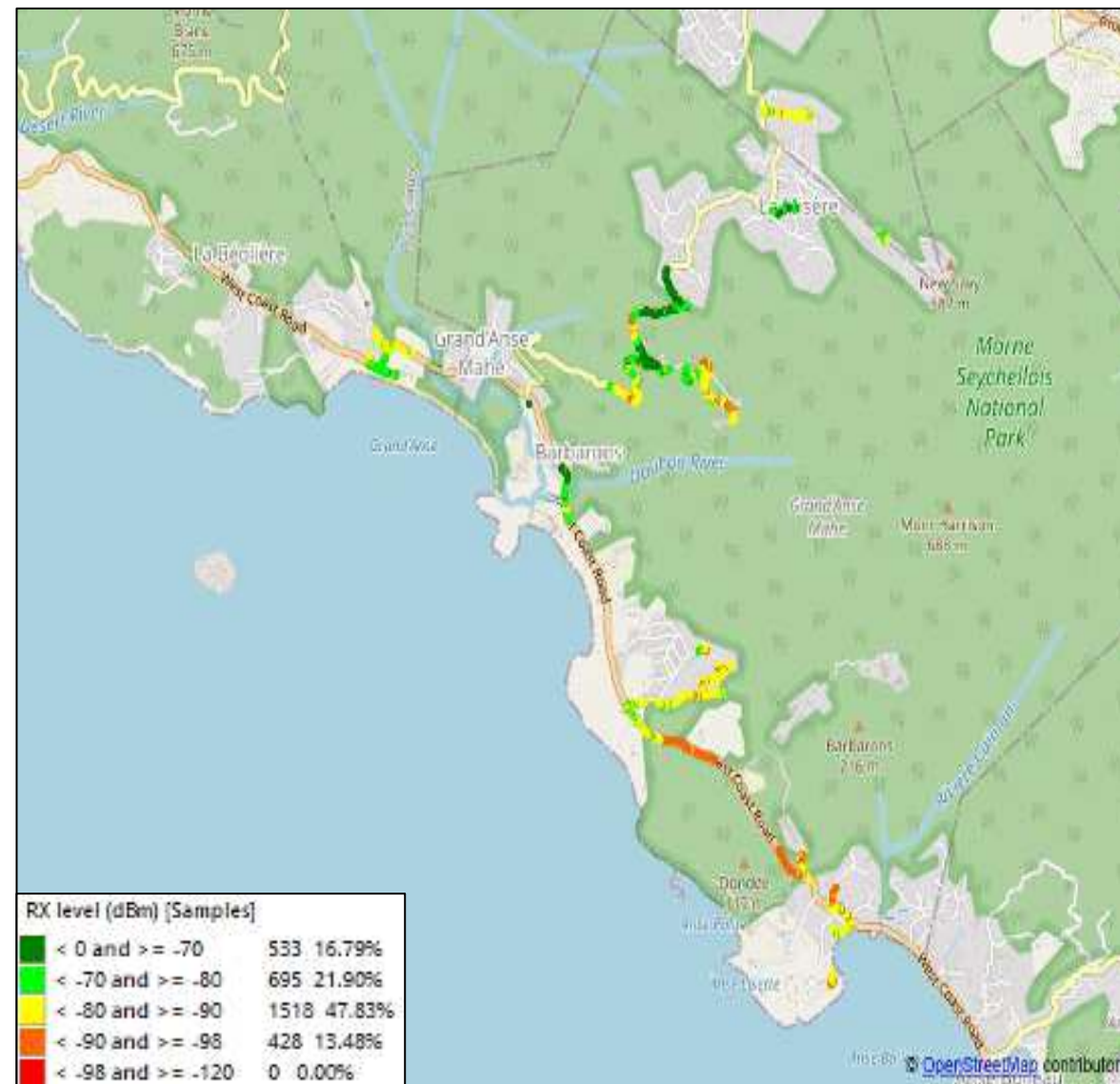
CWS LC MO



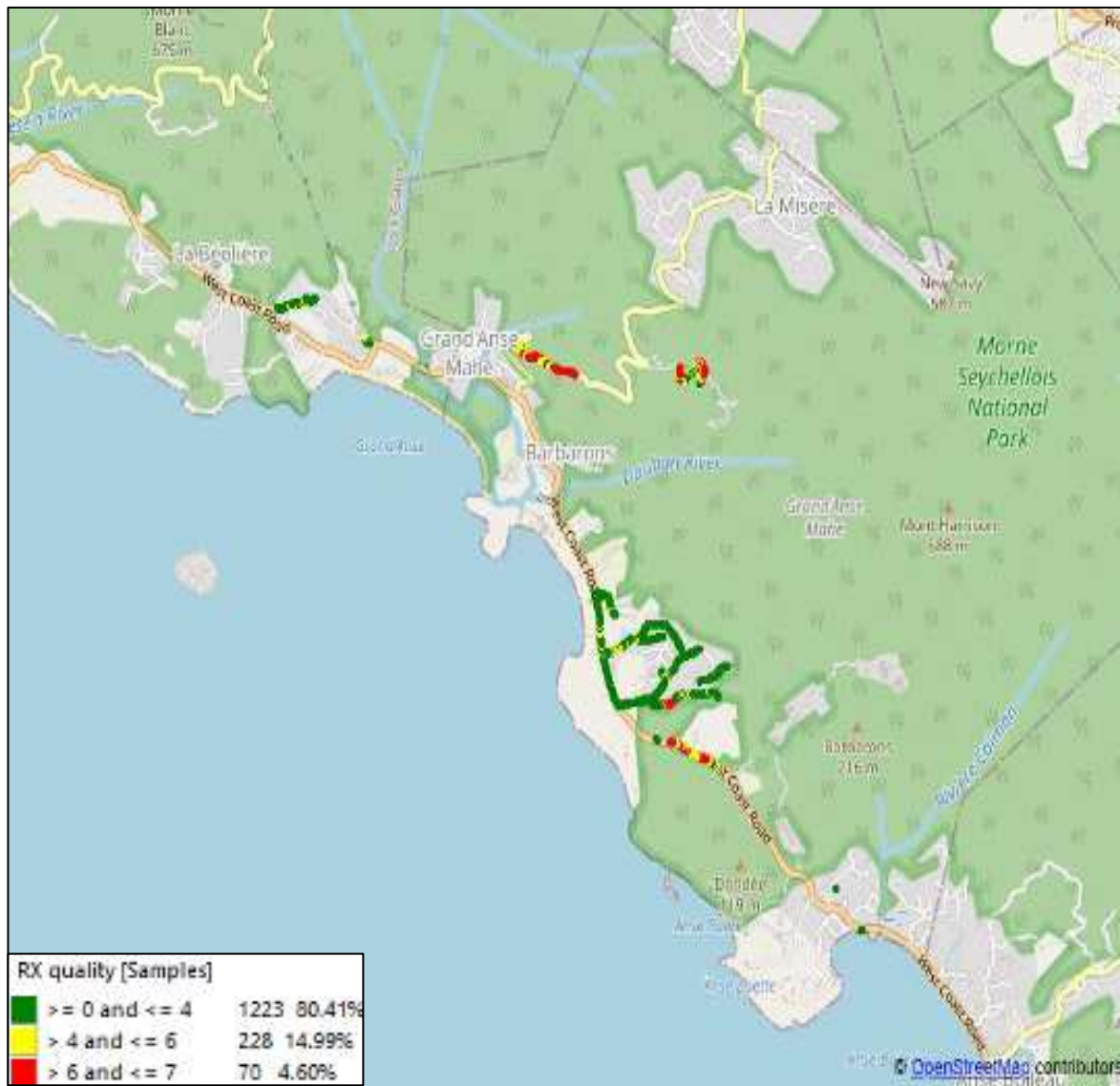
Airtel LC MO



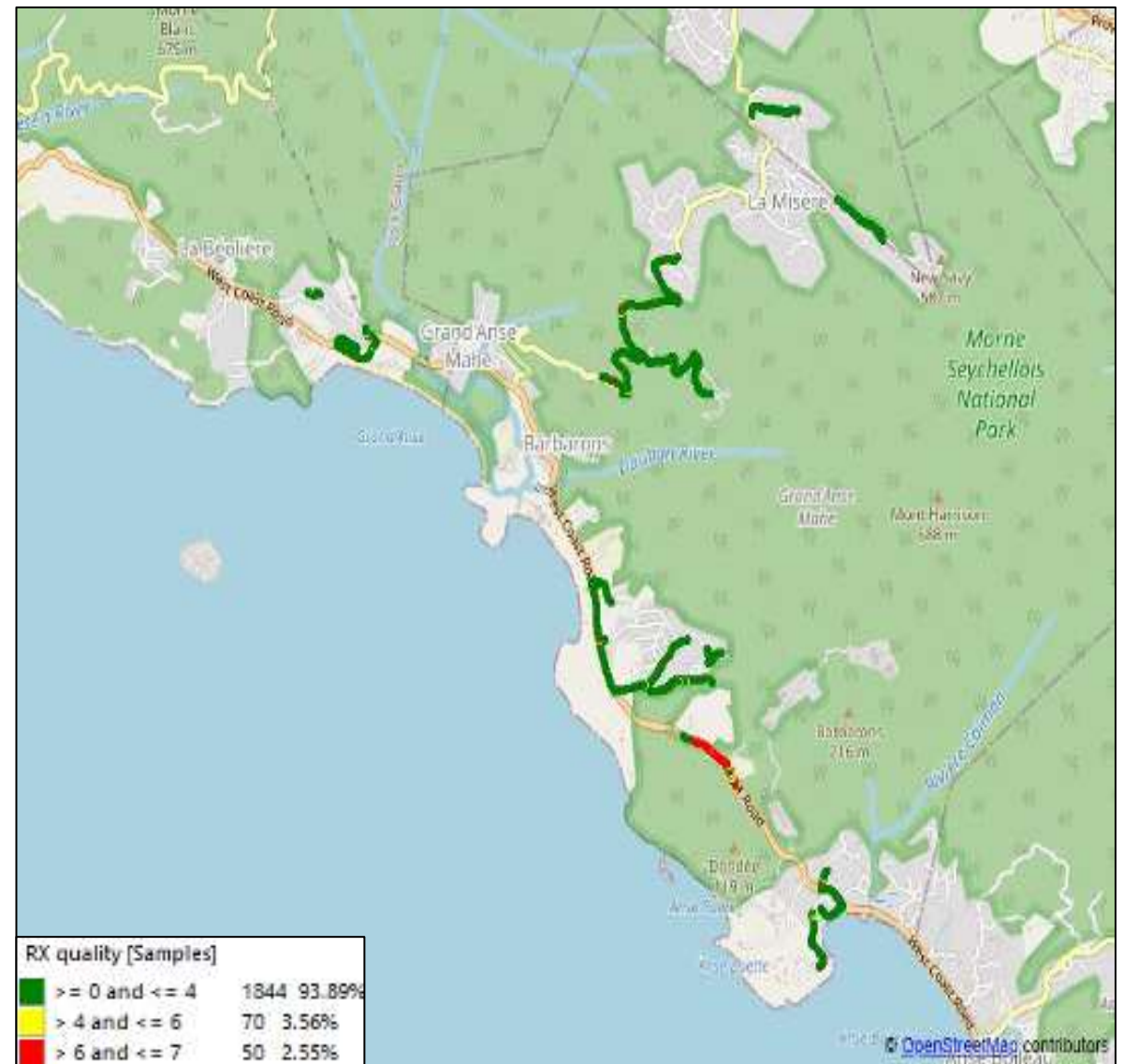
CWS LC MO



Airtel LC MO



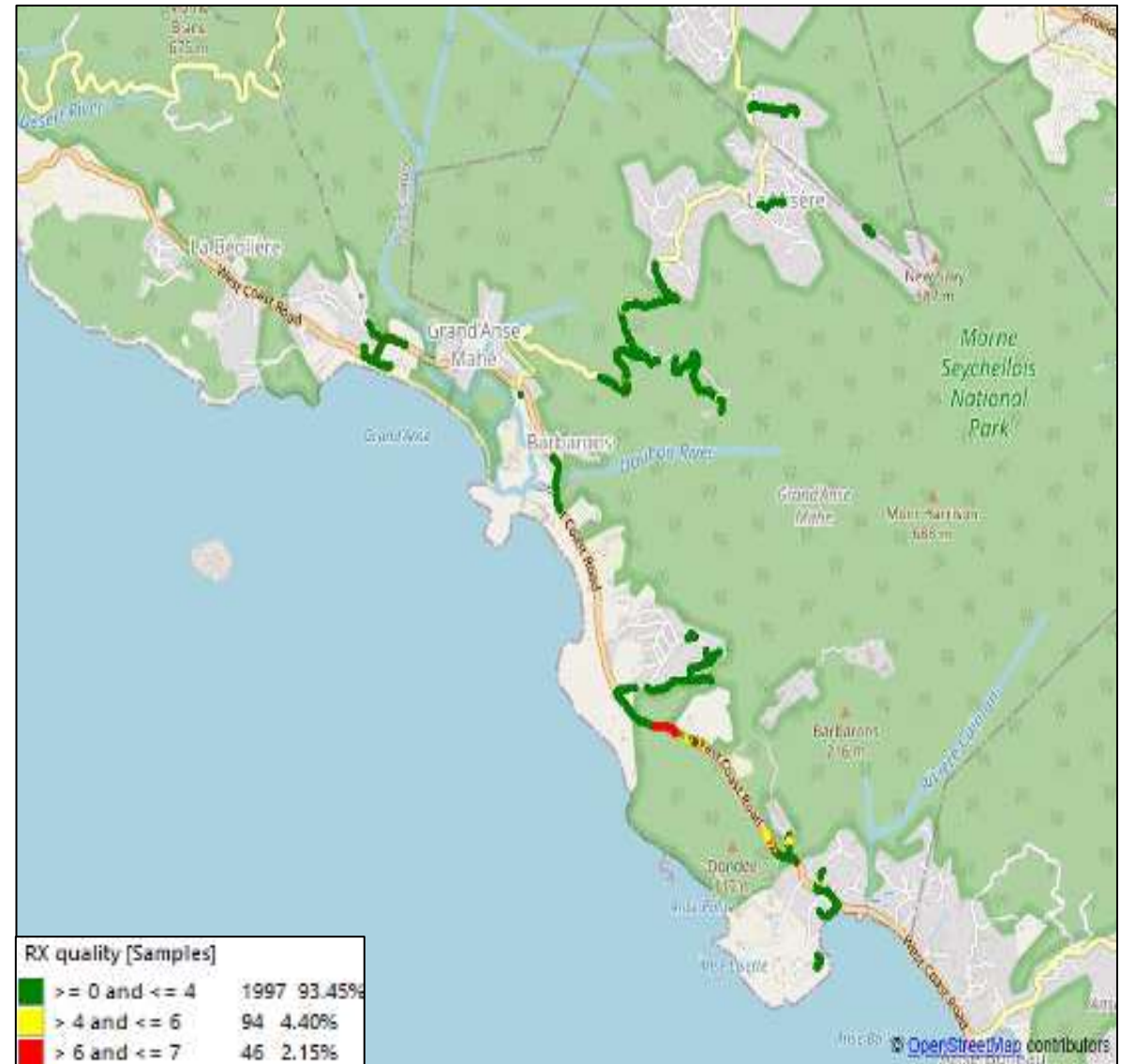
CWS LC MO



Airtel LC MO

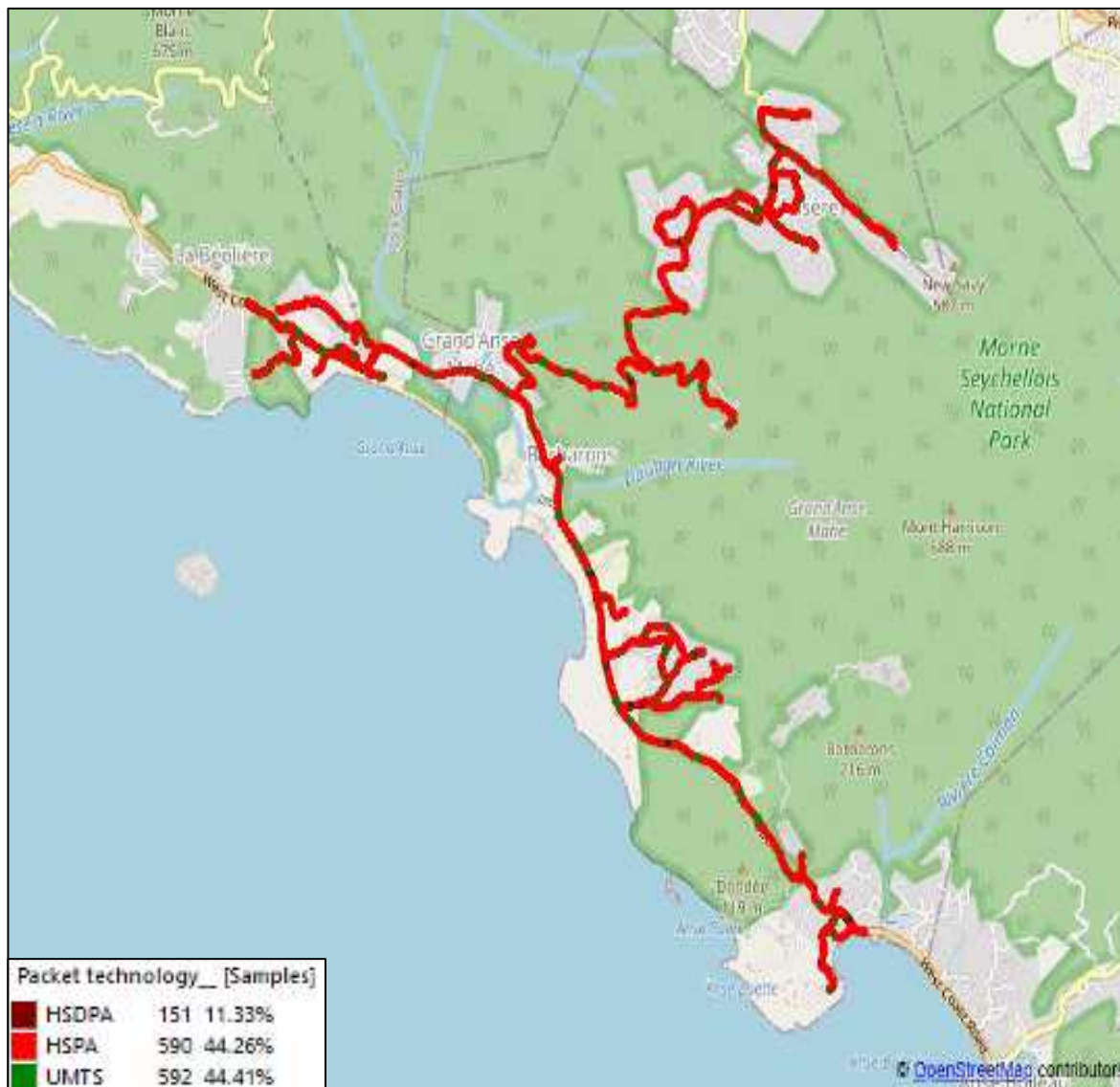


CWS LC MO

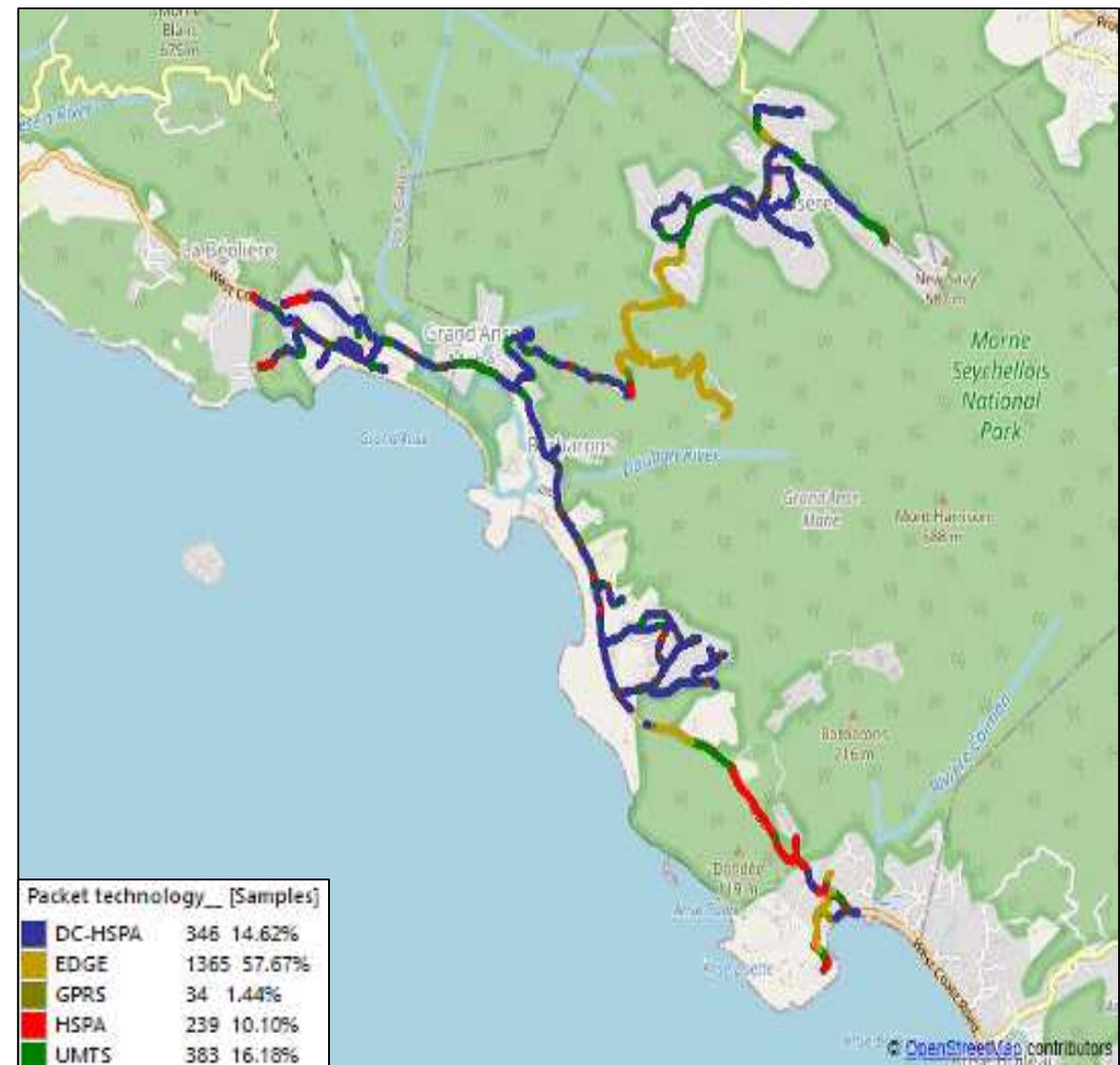


3G PREFERRED DATA DRIVE PLOTS

Airtel Data 3G



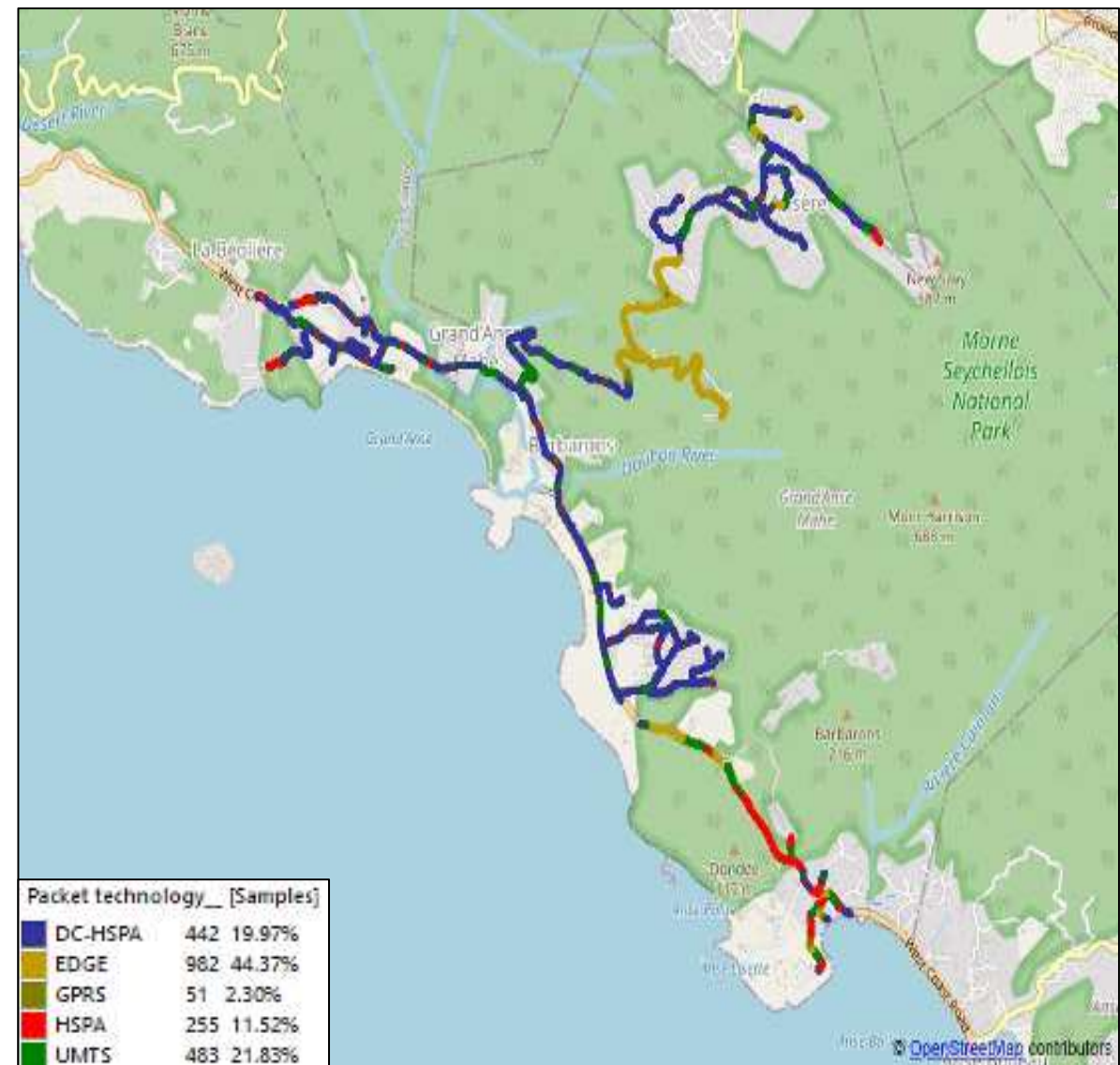
CWS Data 3G



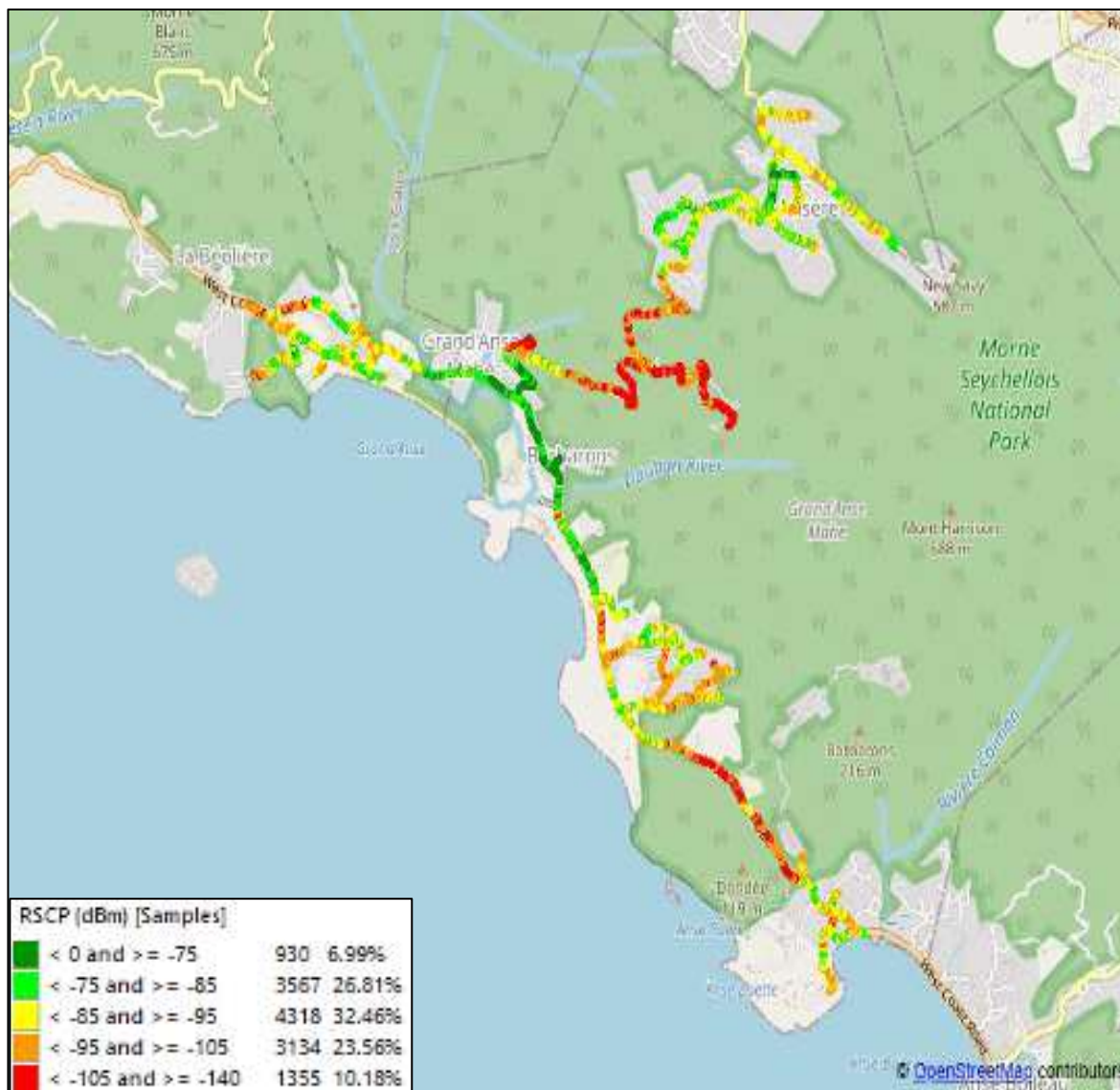
Airtel Data 3G



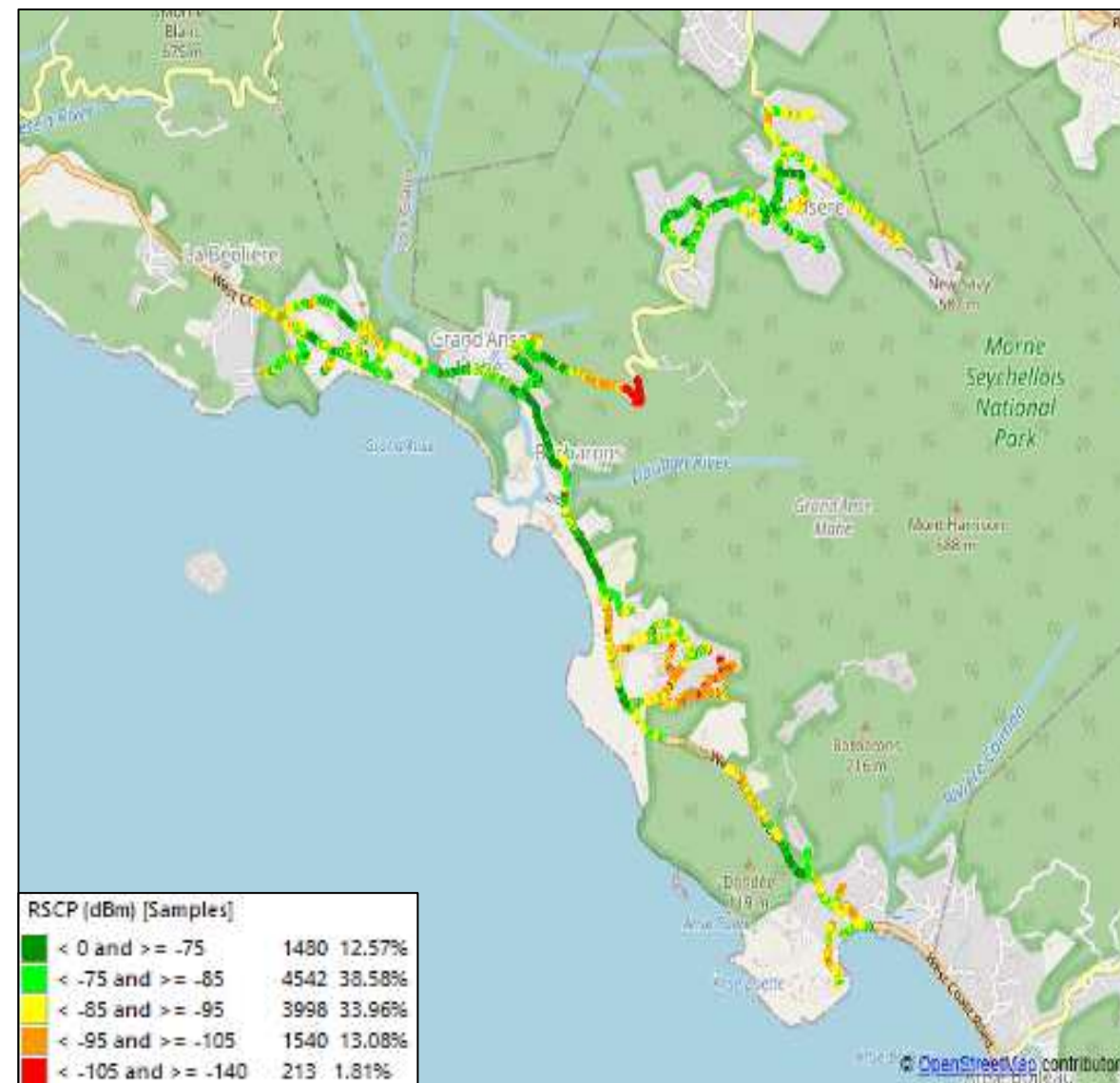
CWS Data 3G



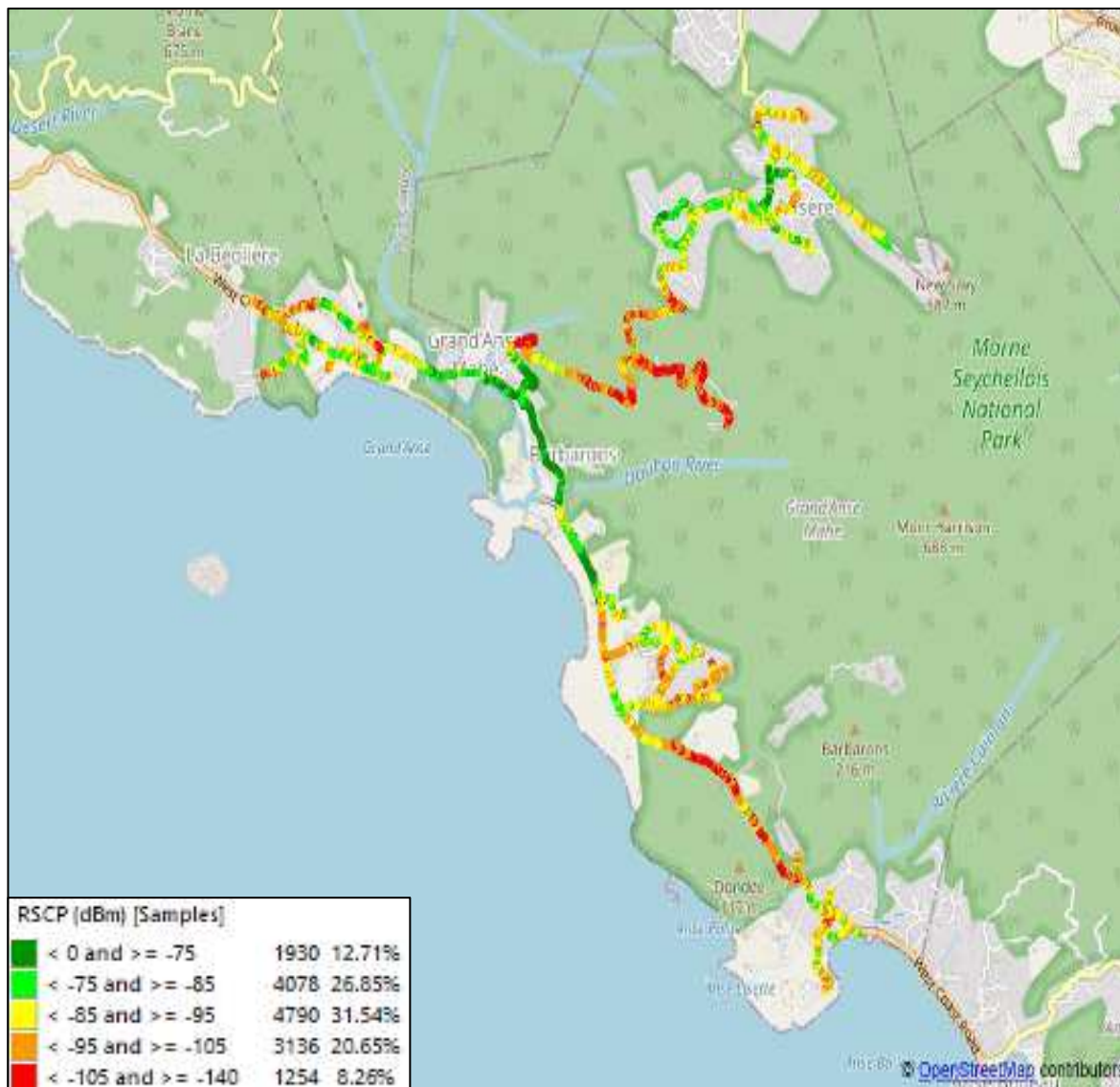
Airtel Data 3G



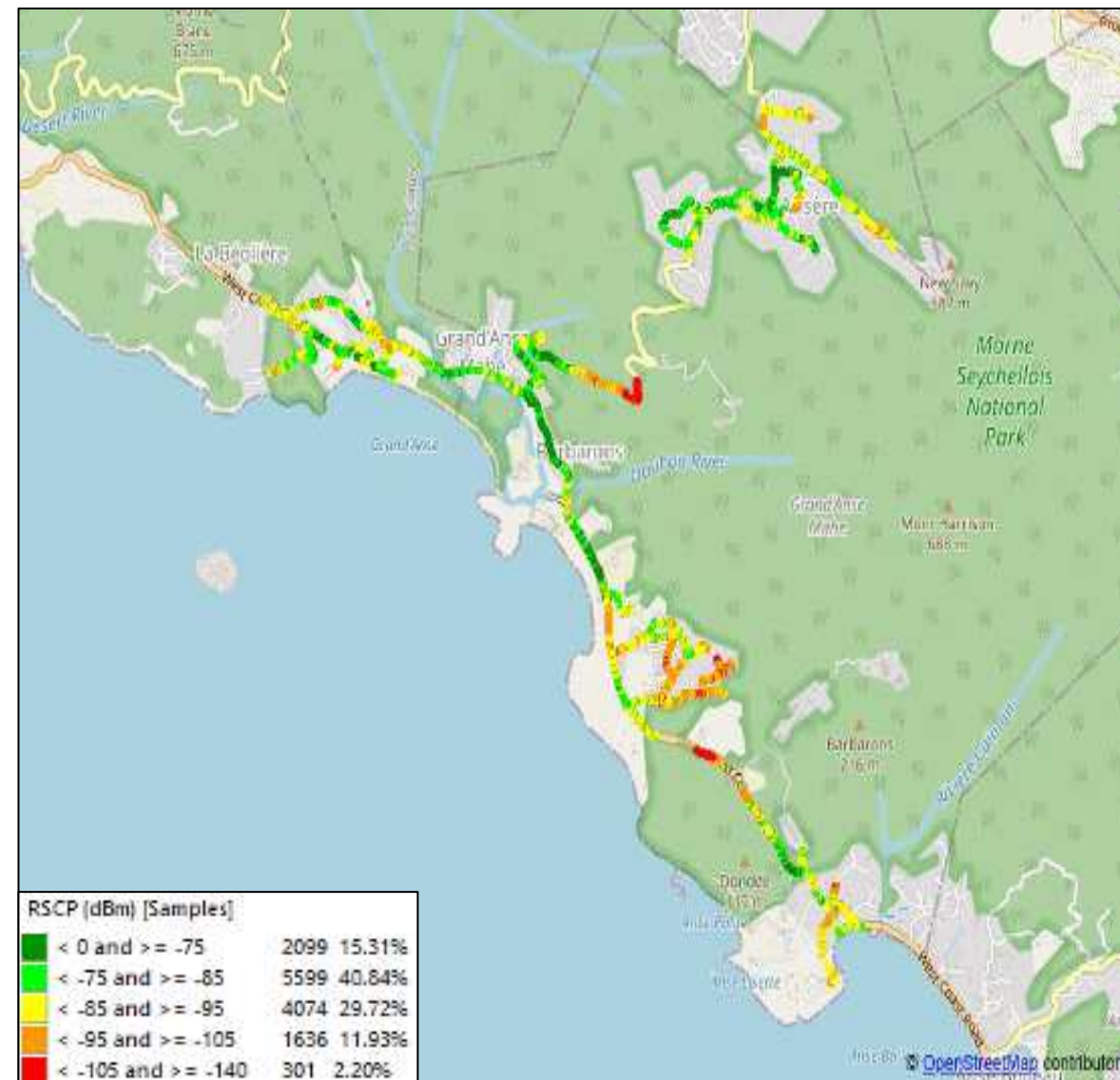
CWS Data 3G



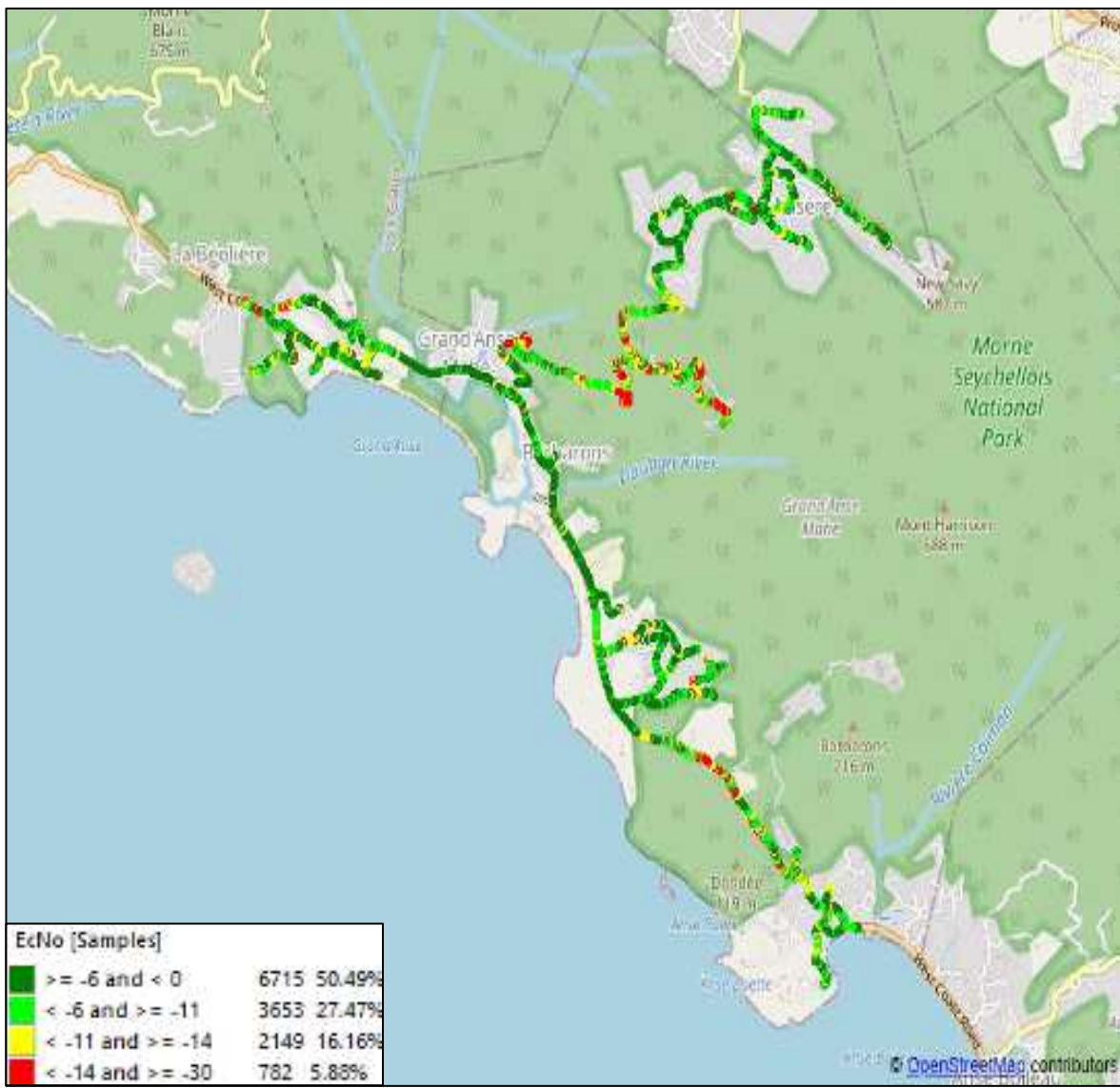
Airtel Data 3G



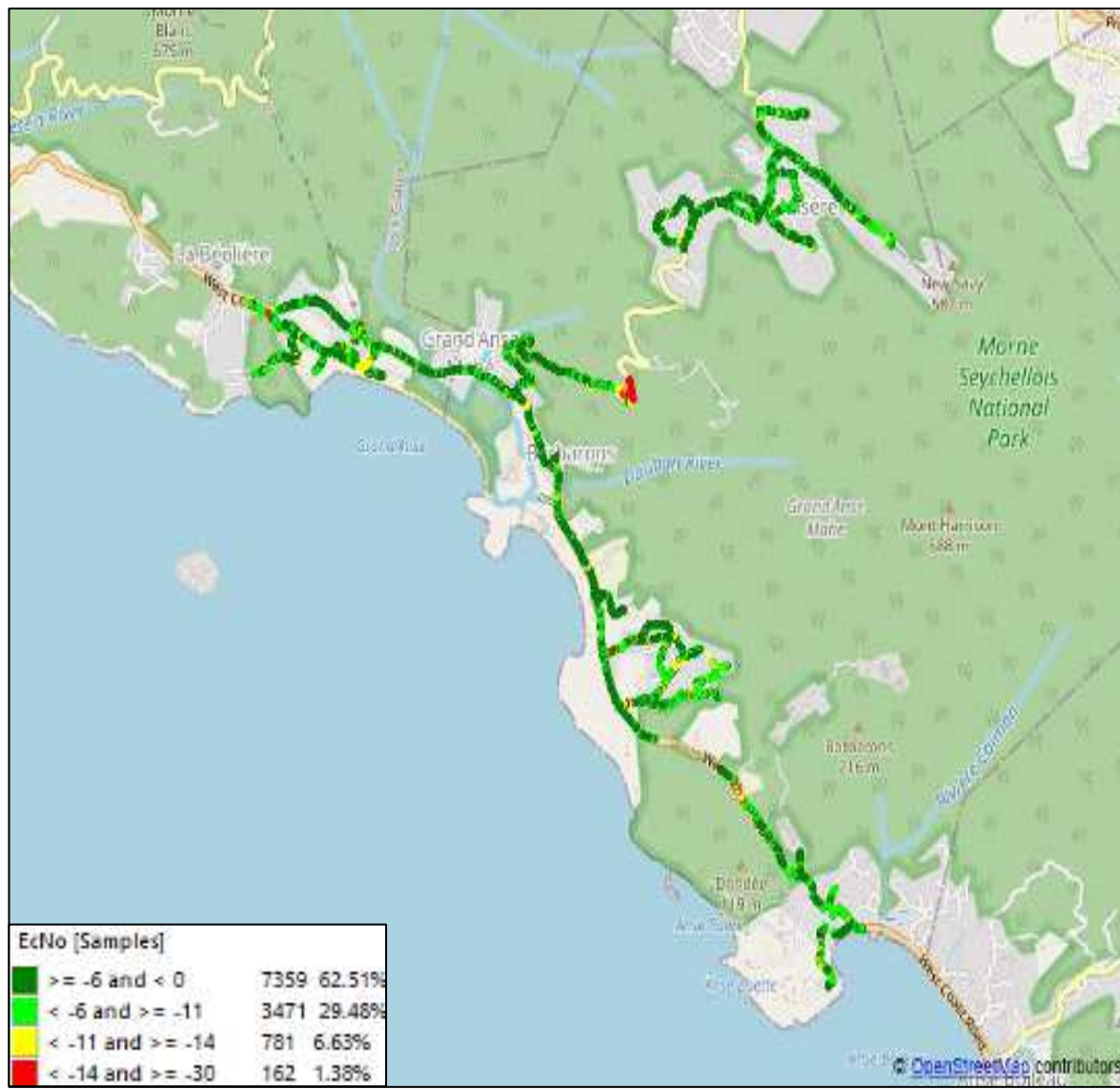
CWS Data 3G



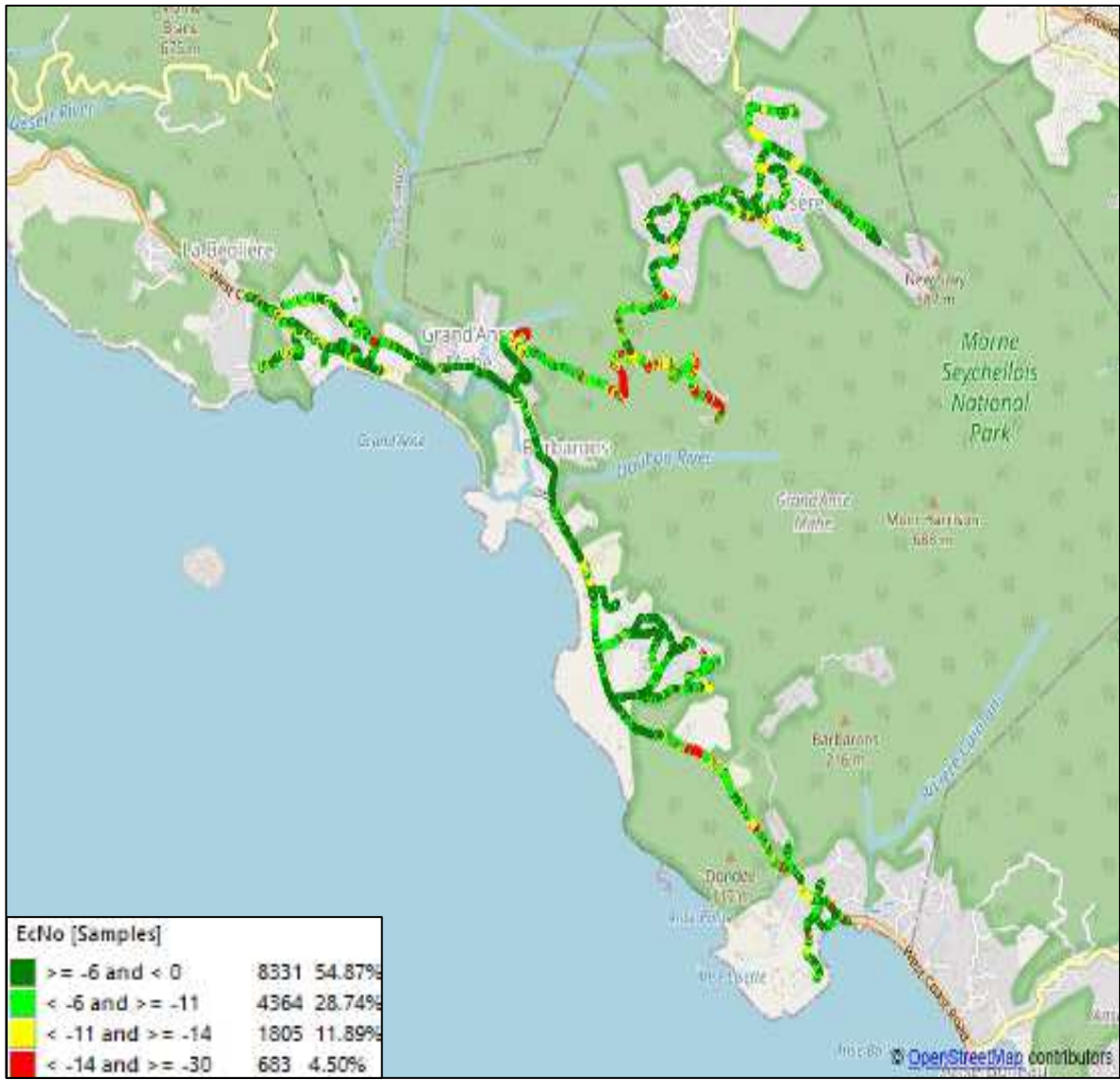
Airtel Data 3G



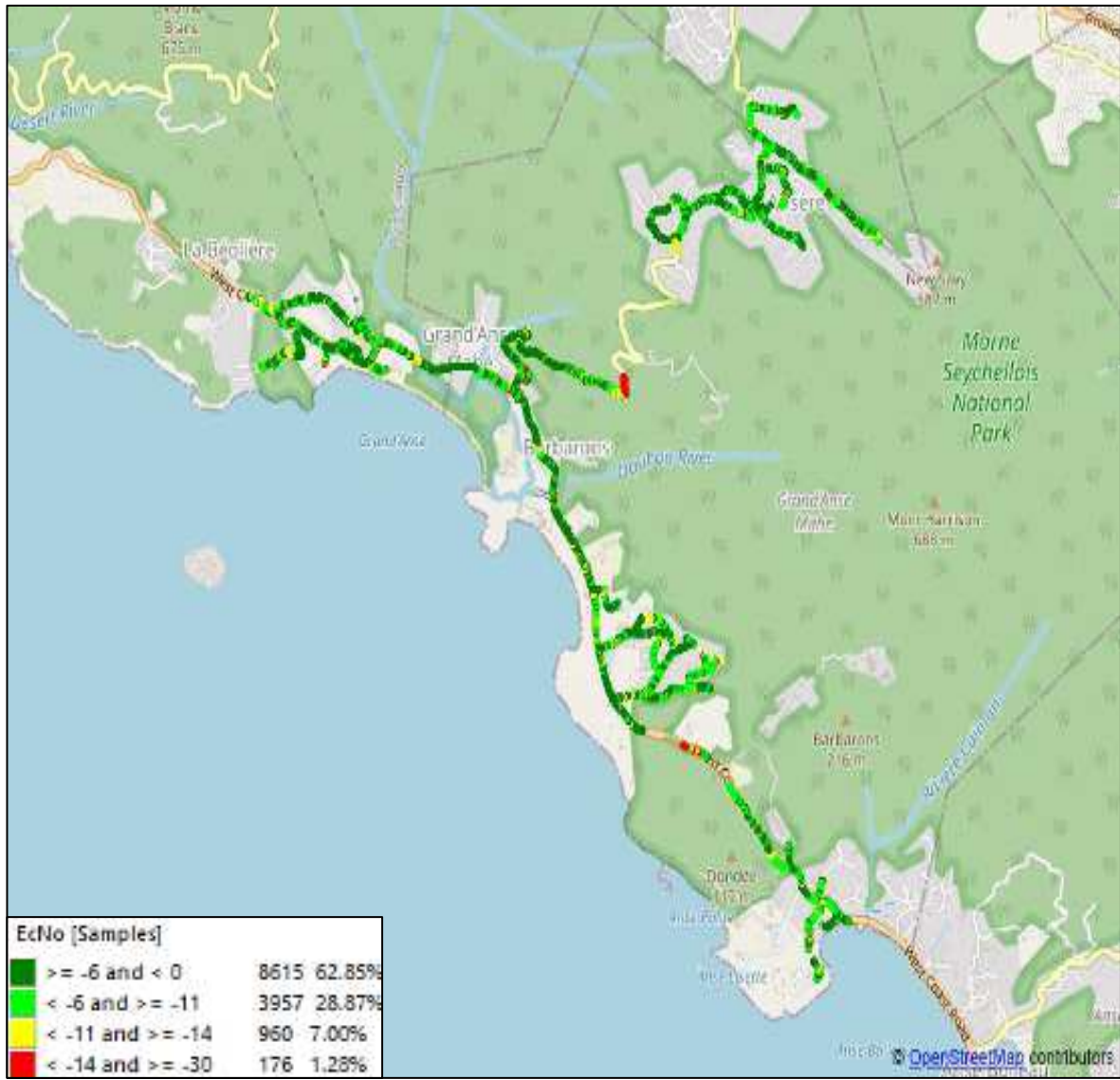
CWS Data 3G



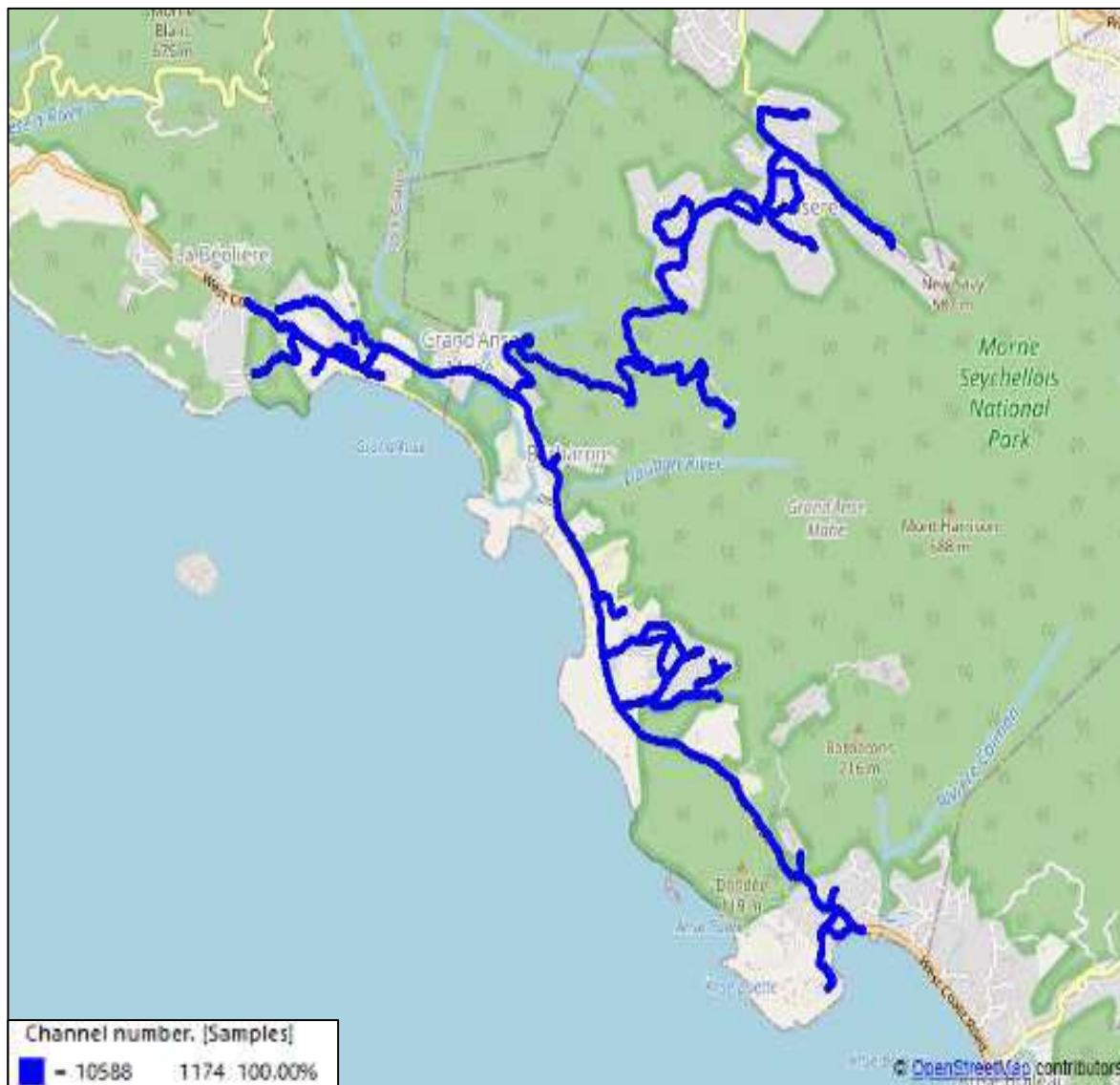
Airtel Data 3G



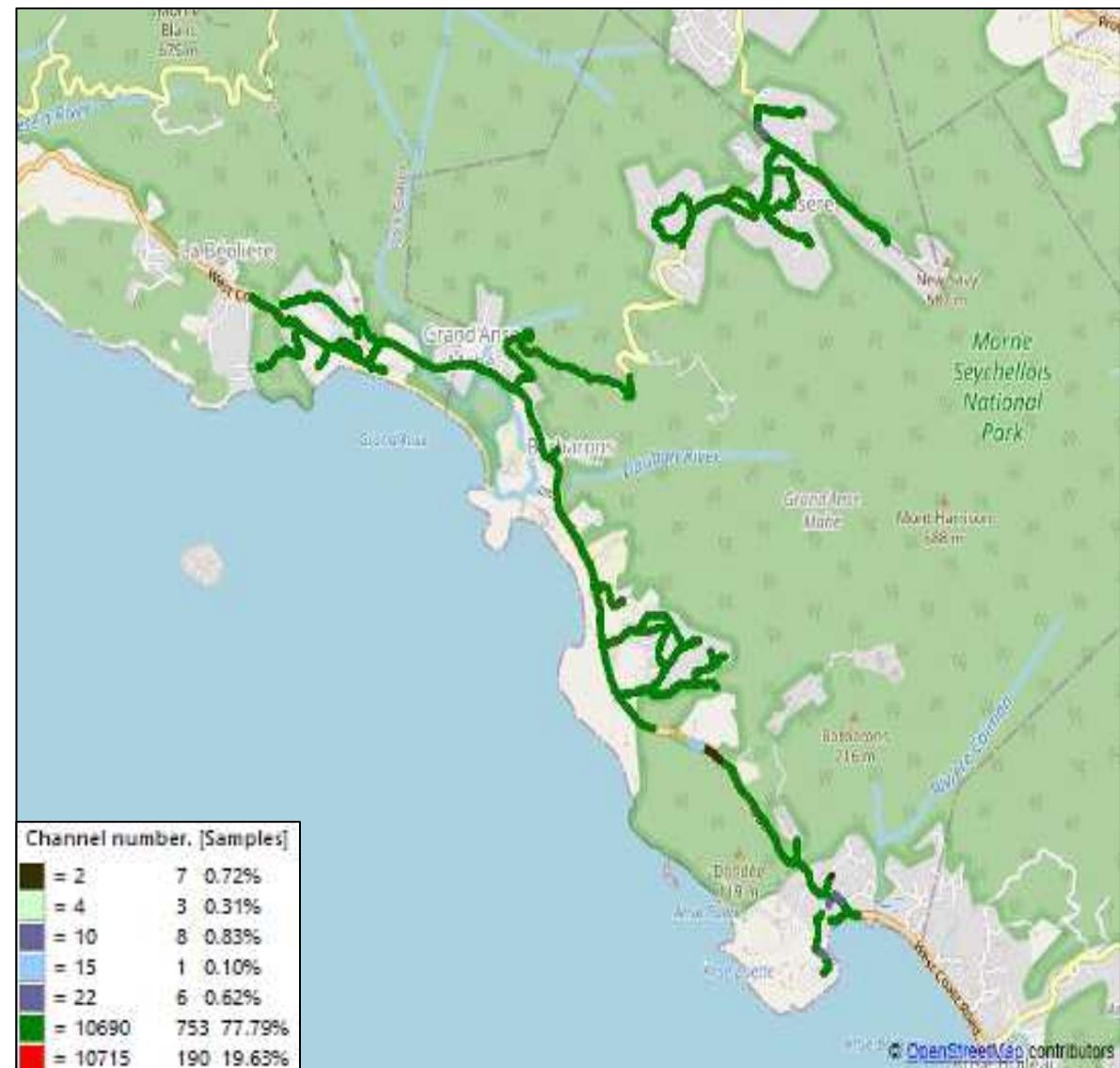
CWS Data 3G



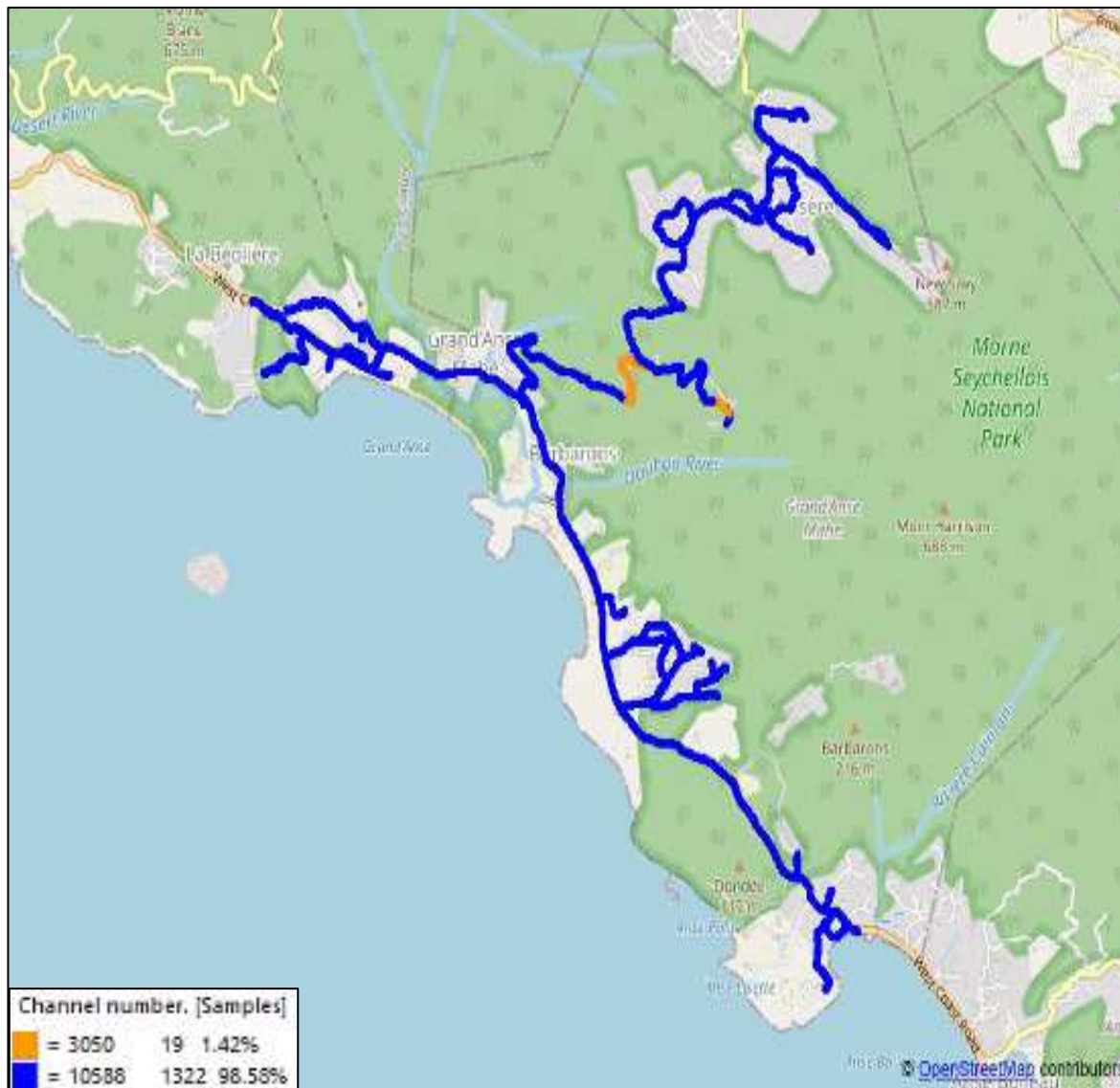
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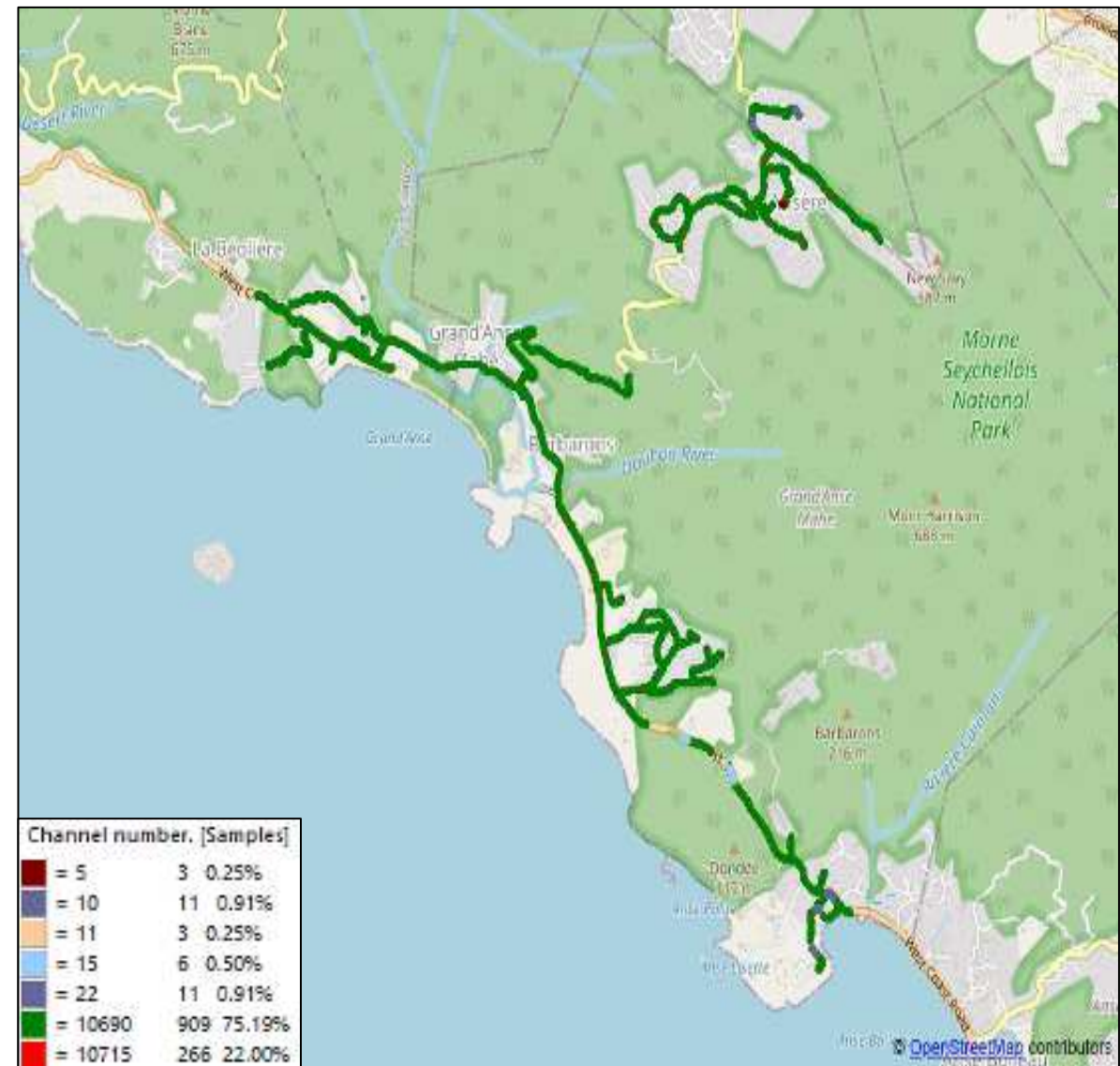
CWS Data 3G



Airtel Data 3G

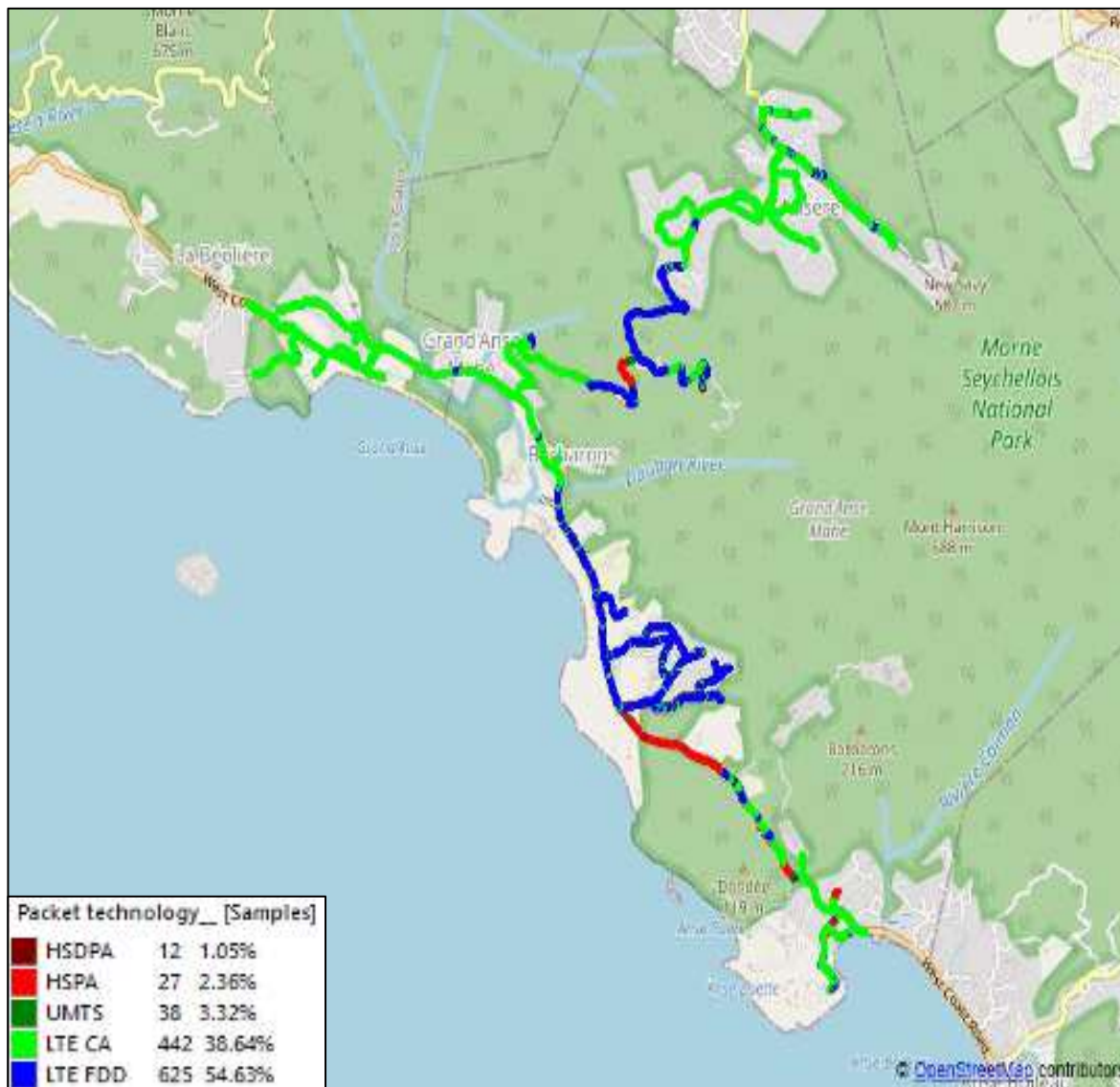


CWS Data 3G

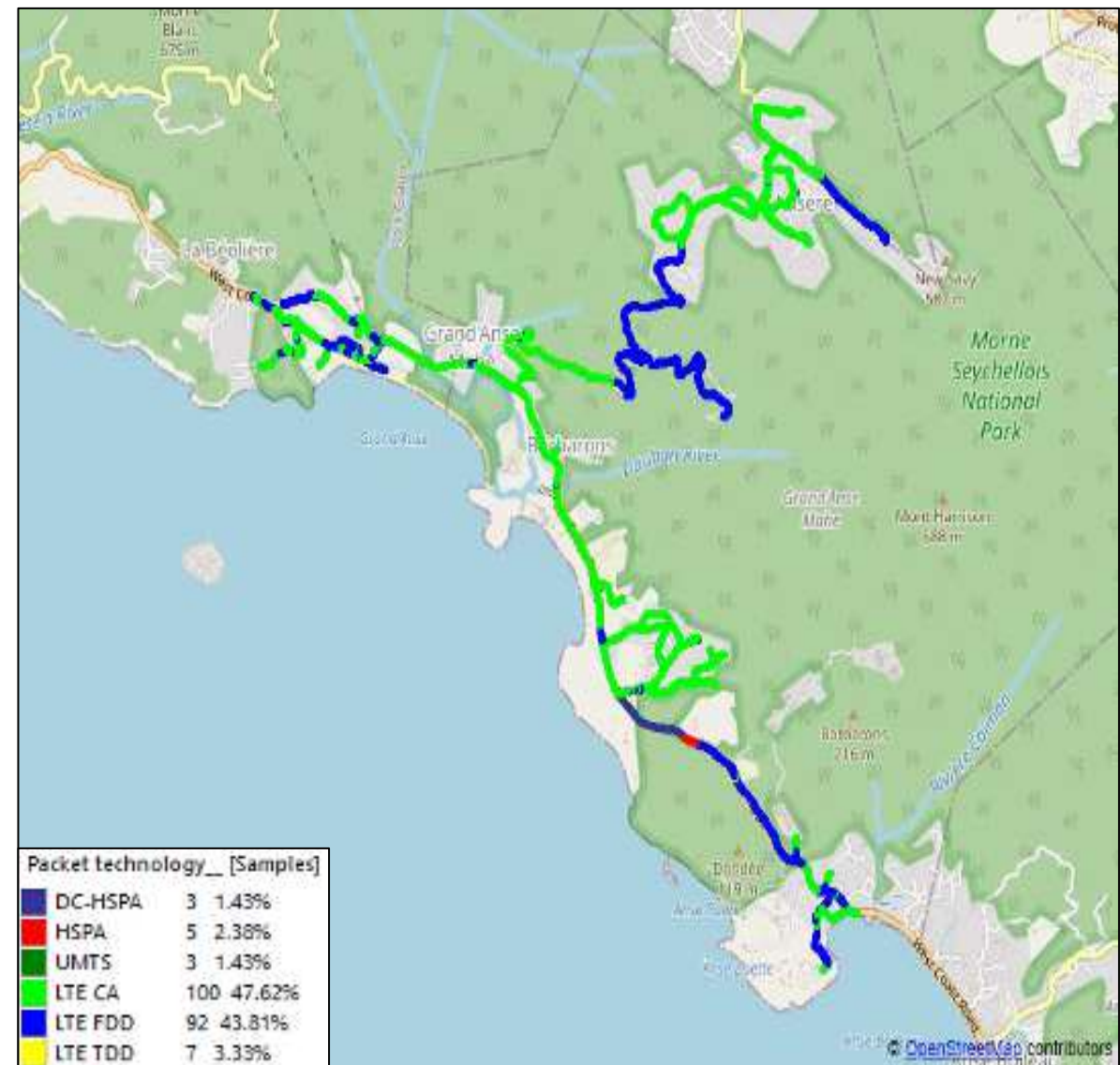


4G PREFERRED DATA DRIVE PLOTS

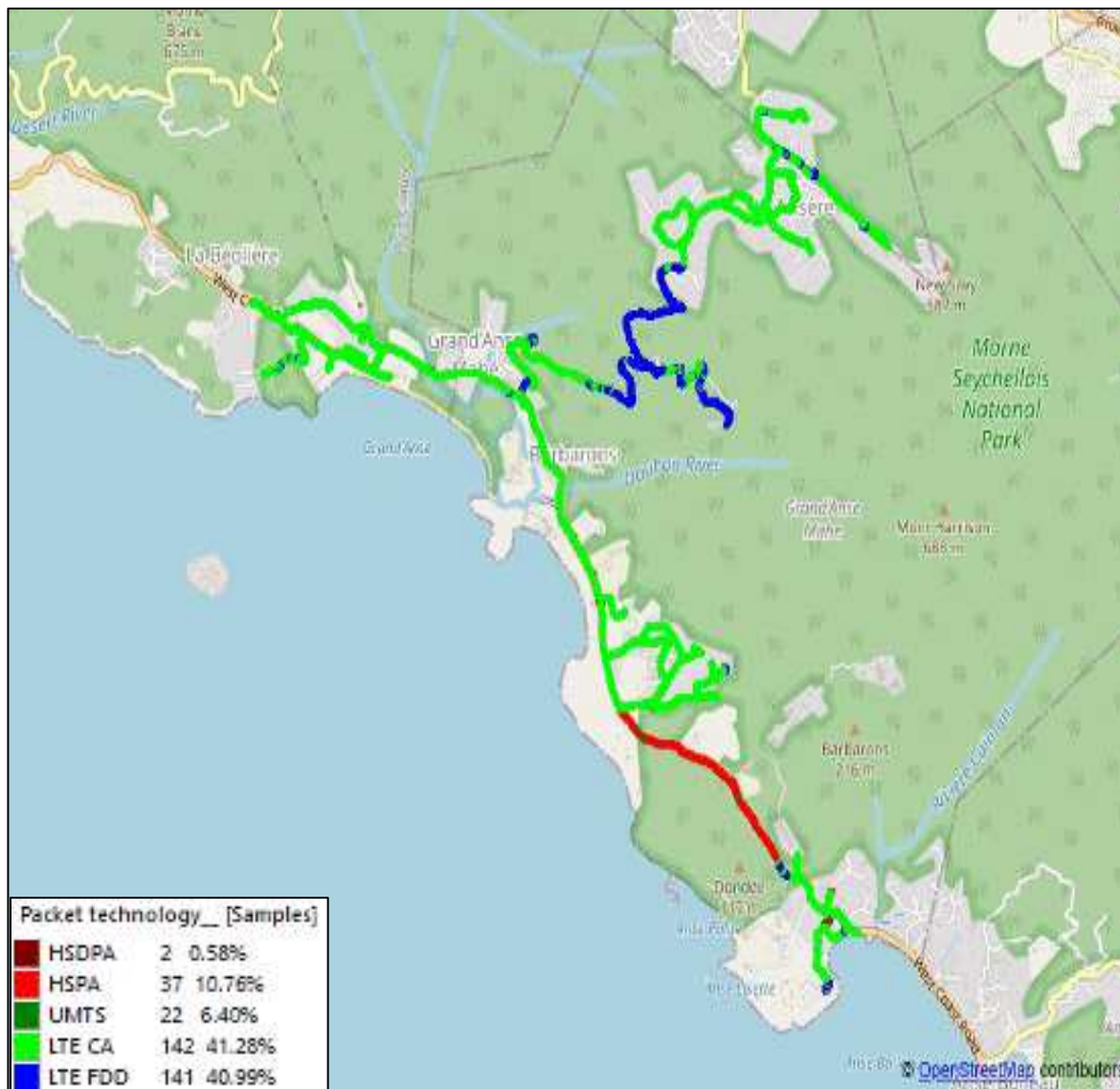
Airtel Data 4G



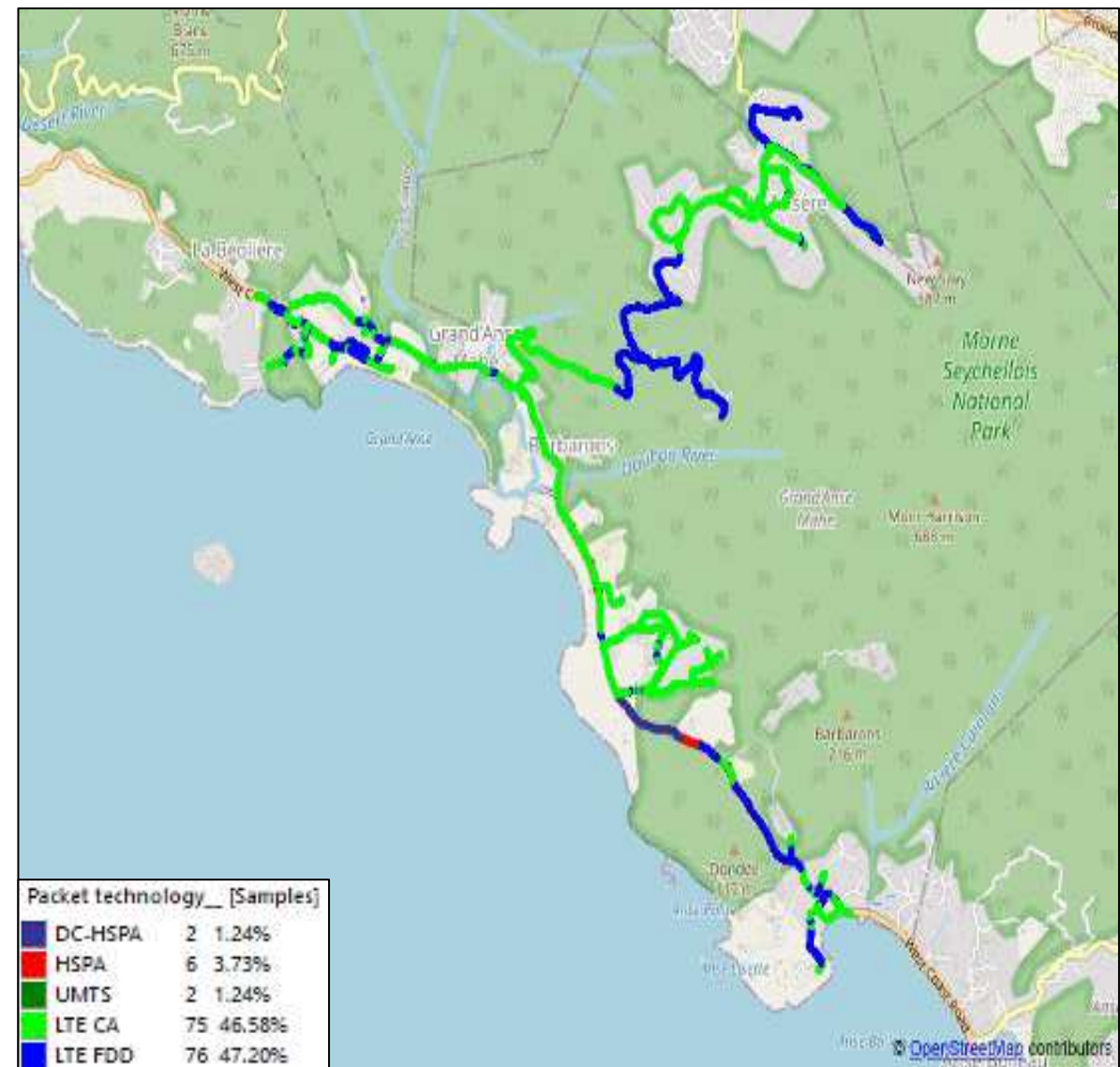
CWS Data 4G



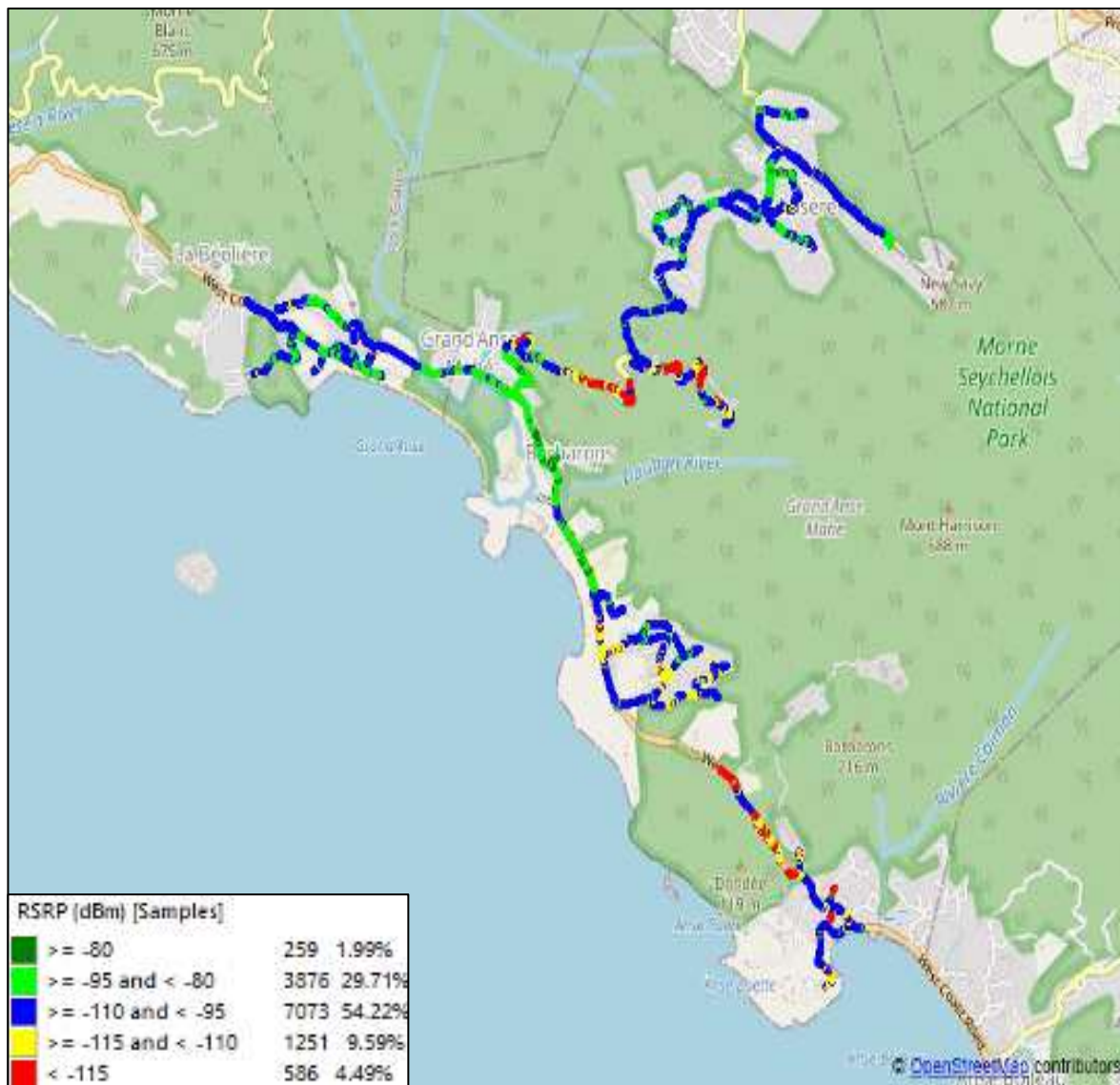
Airtel Data 4G



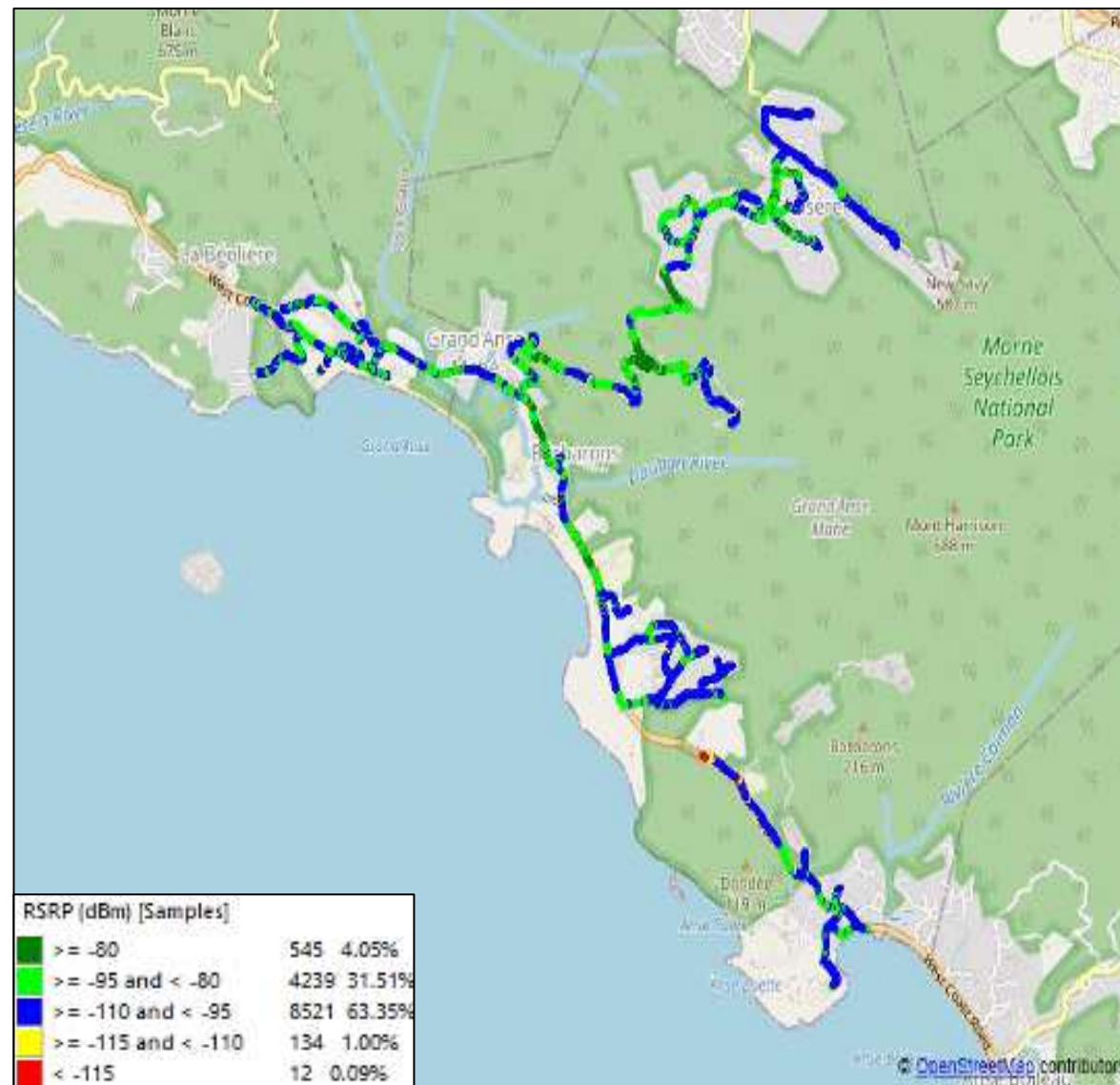
CWS Data 4G



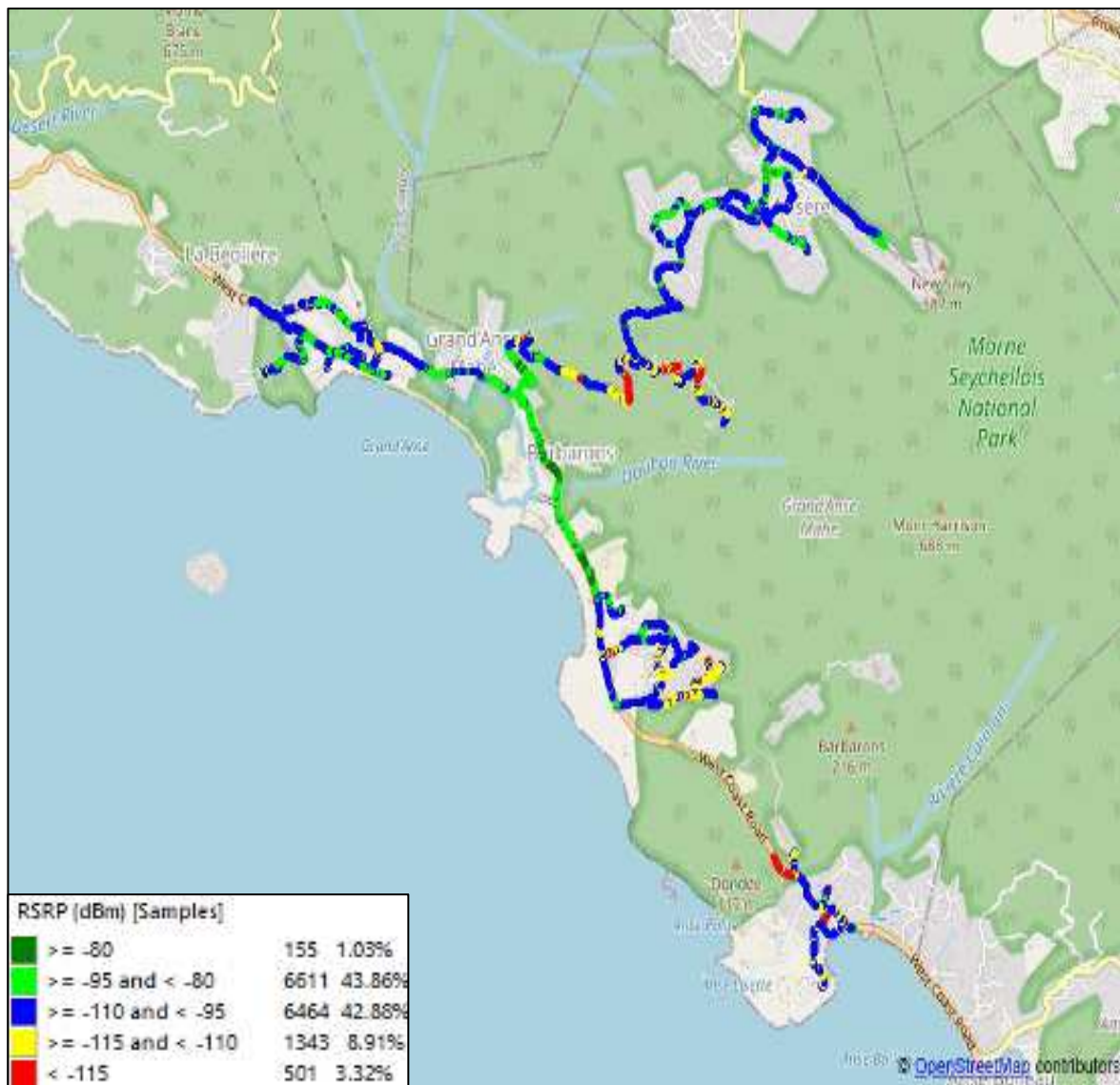
Airtel Data 4G



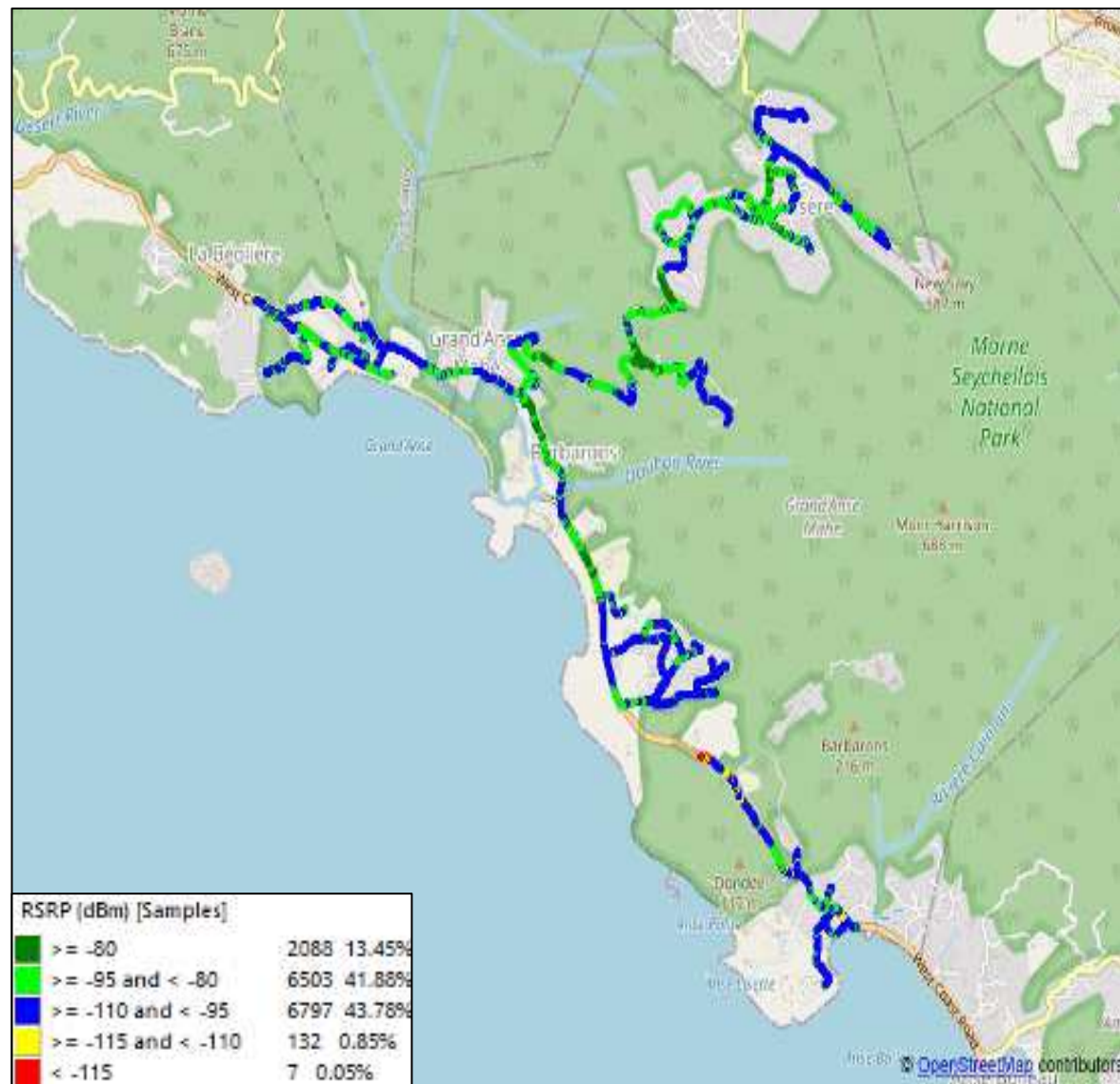
CWS Data 4G



Airtel Data 4G

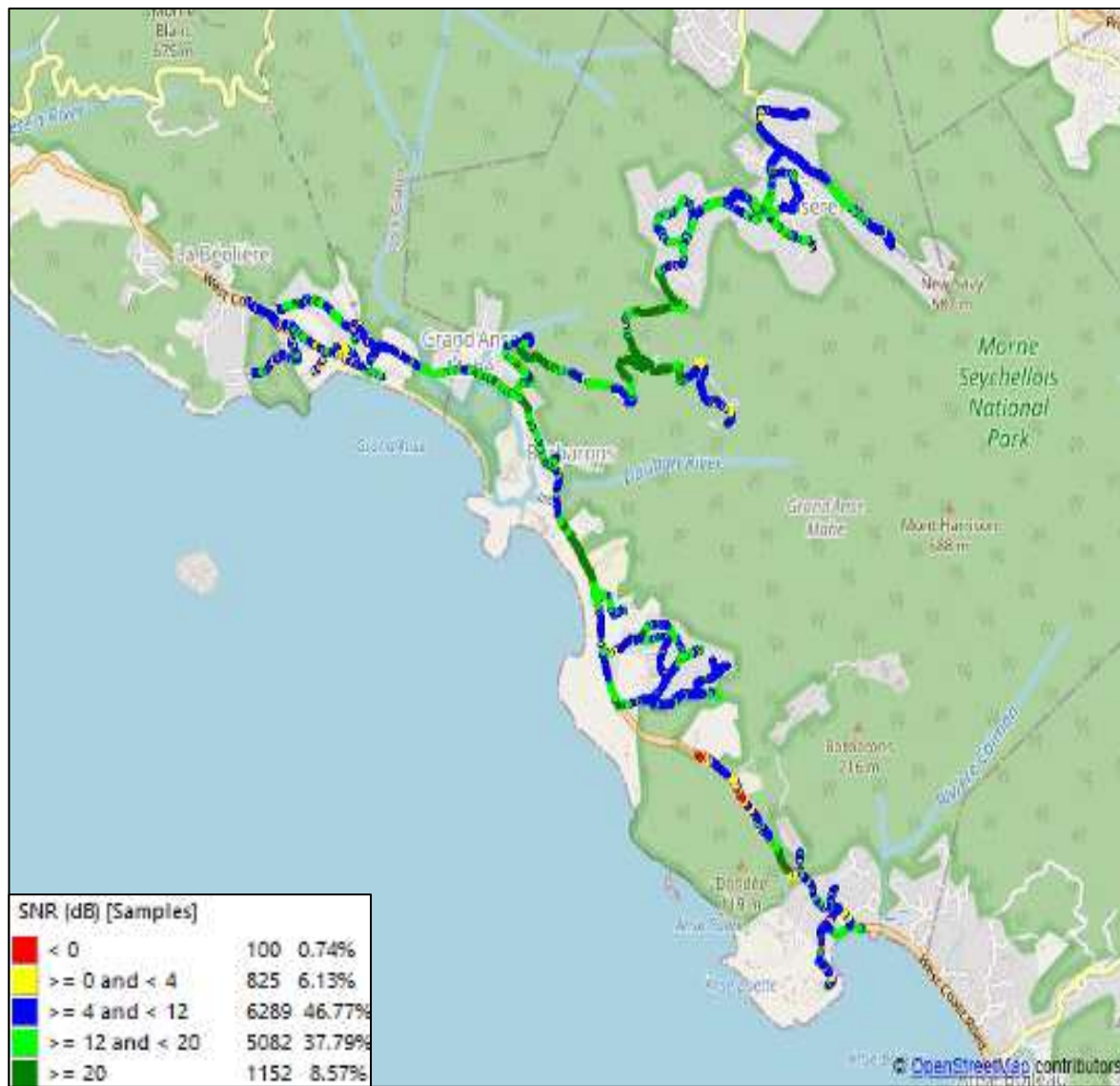
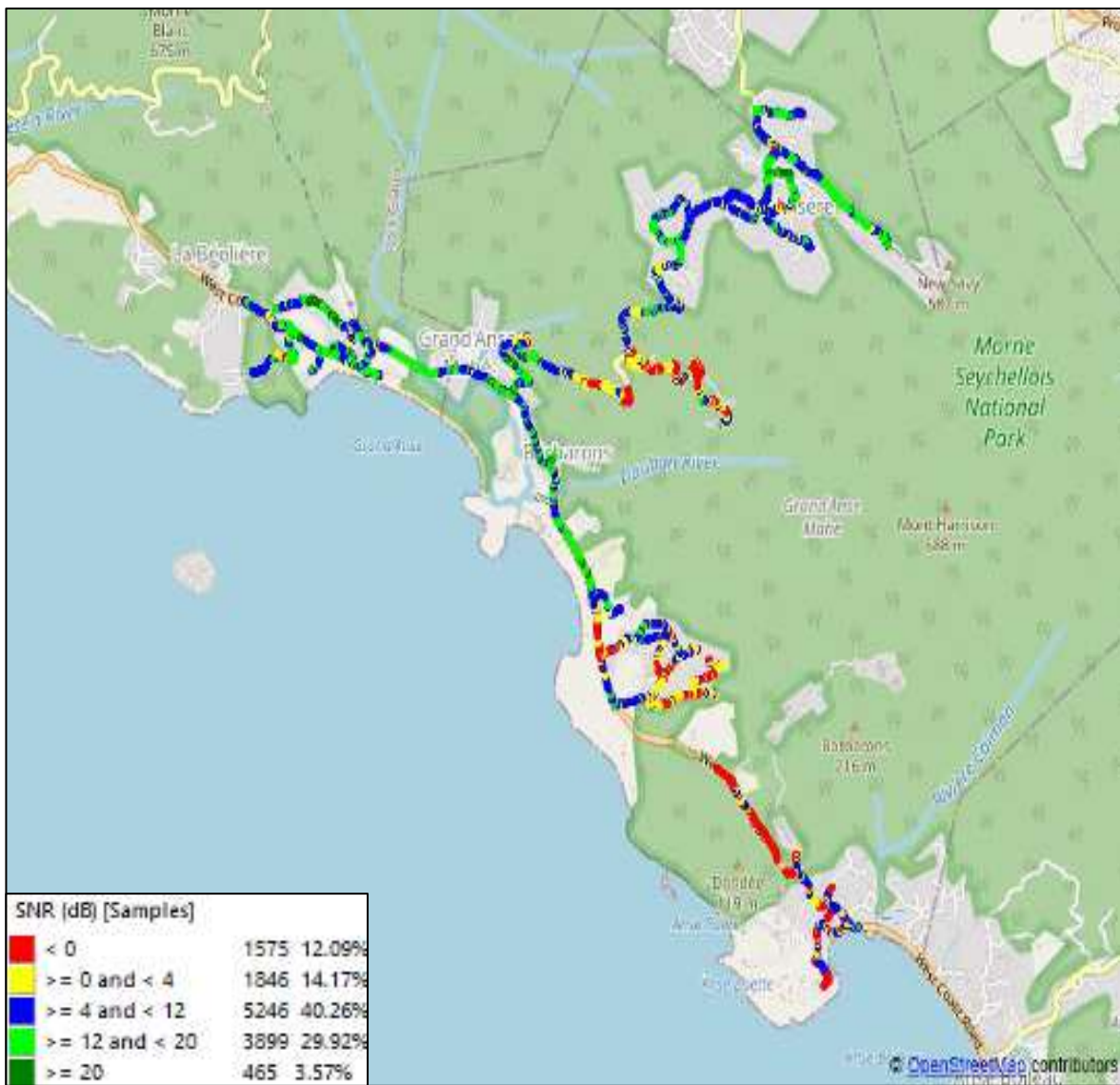


CWS Data 4G

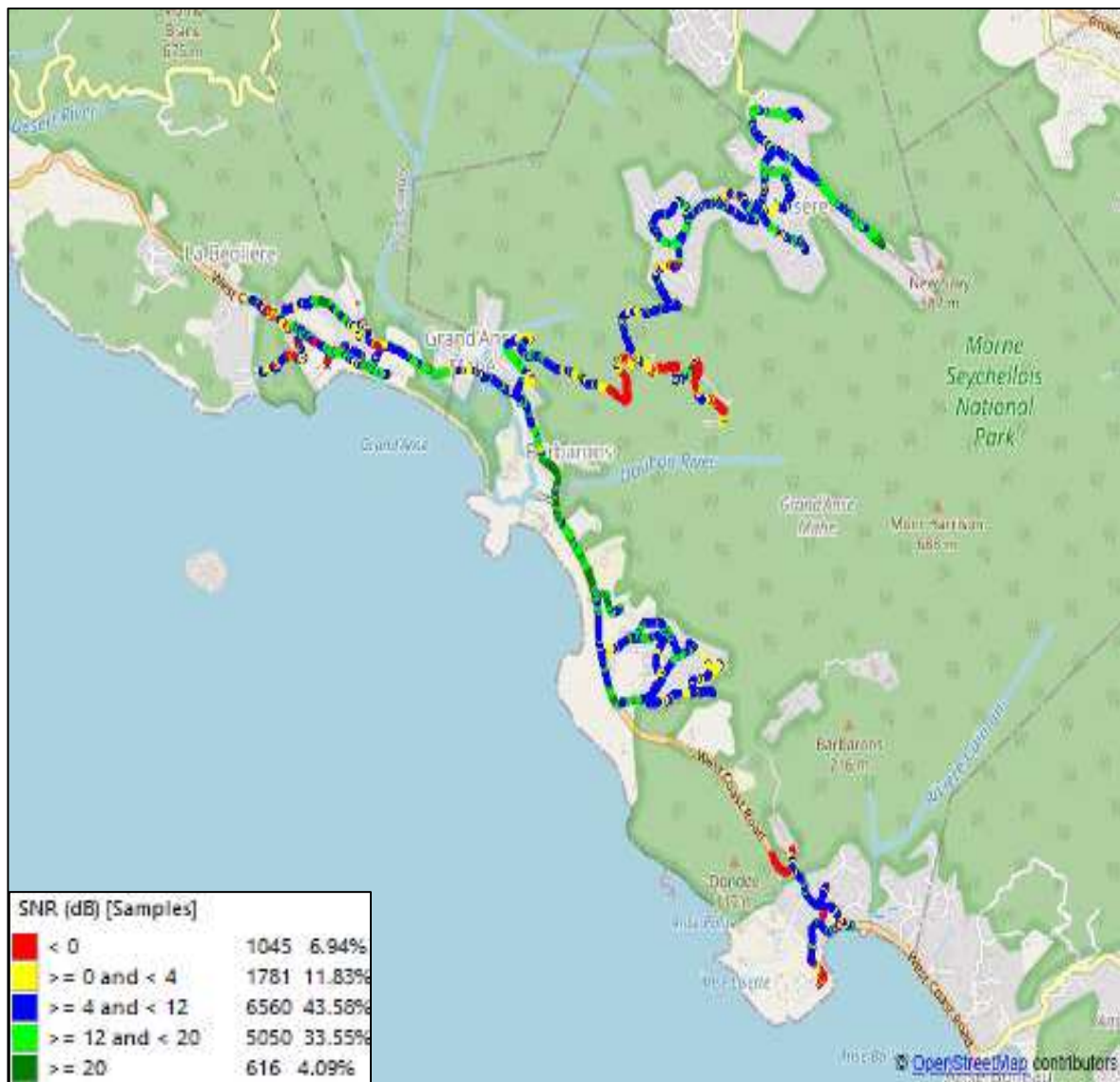


Airtel Data 4G

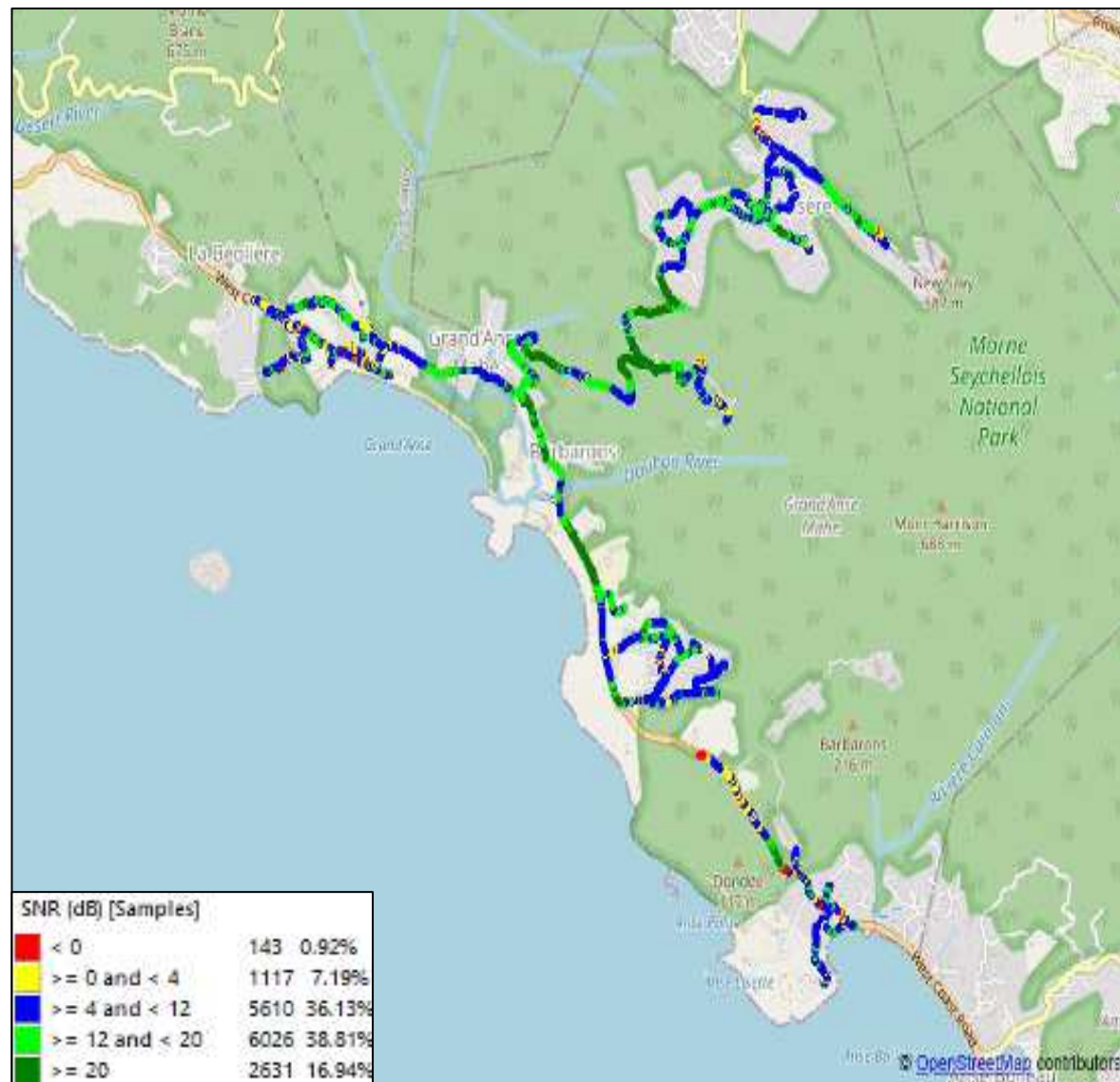
CWS Data 4G



Airtel Data 4G



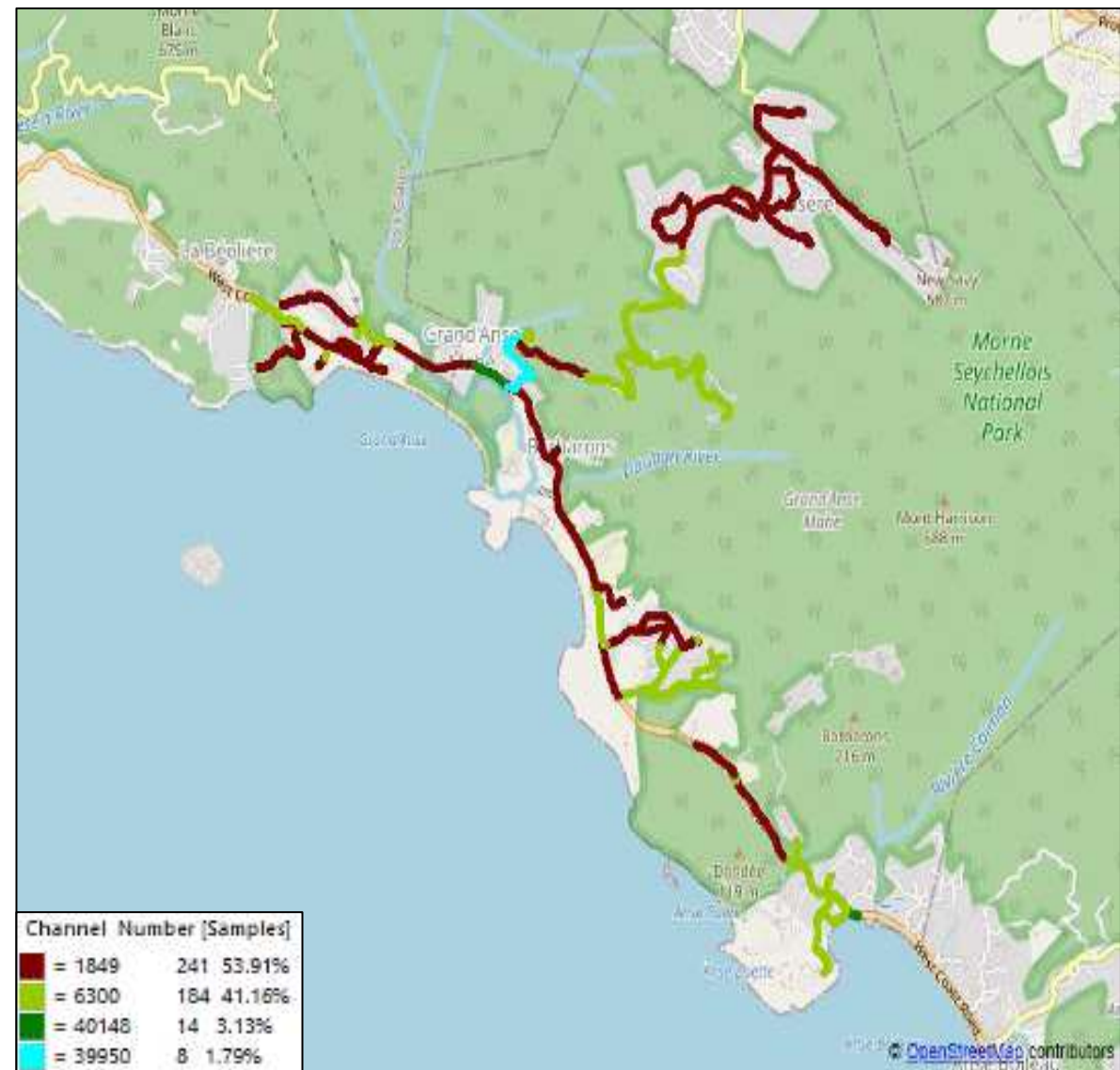
CWS Data 4G



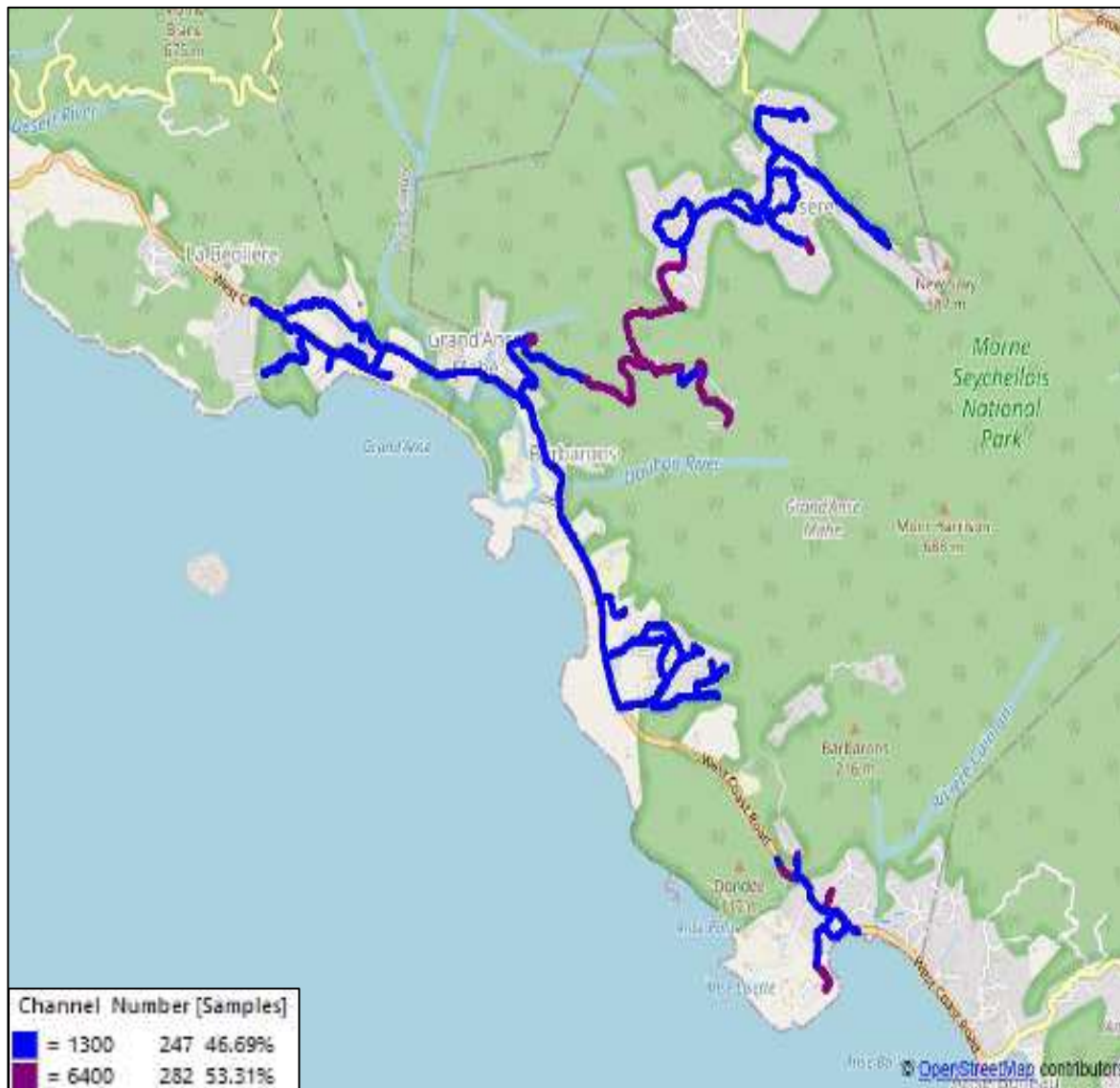
Airtel Data 4G



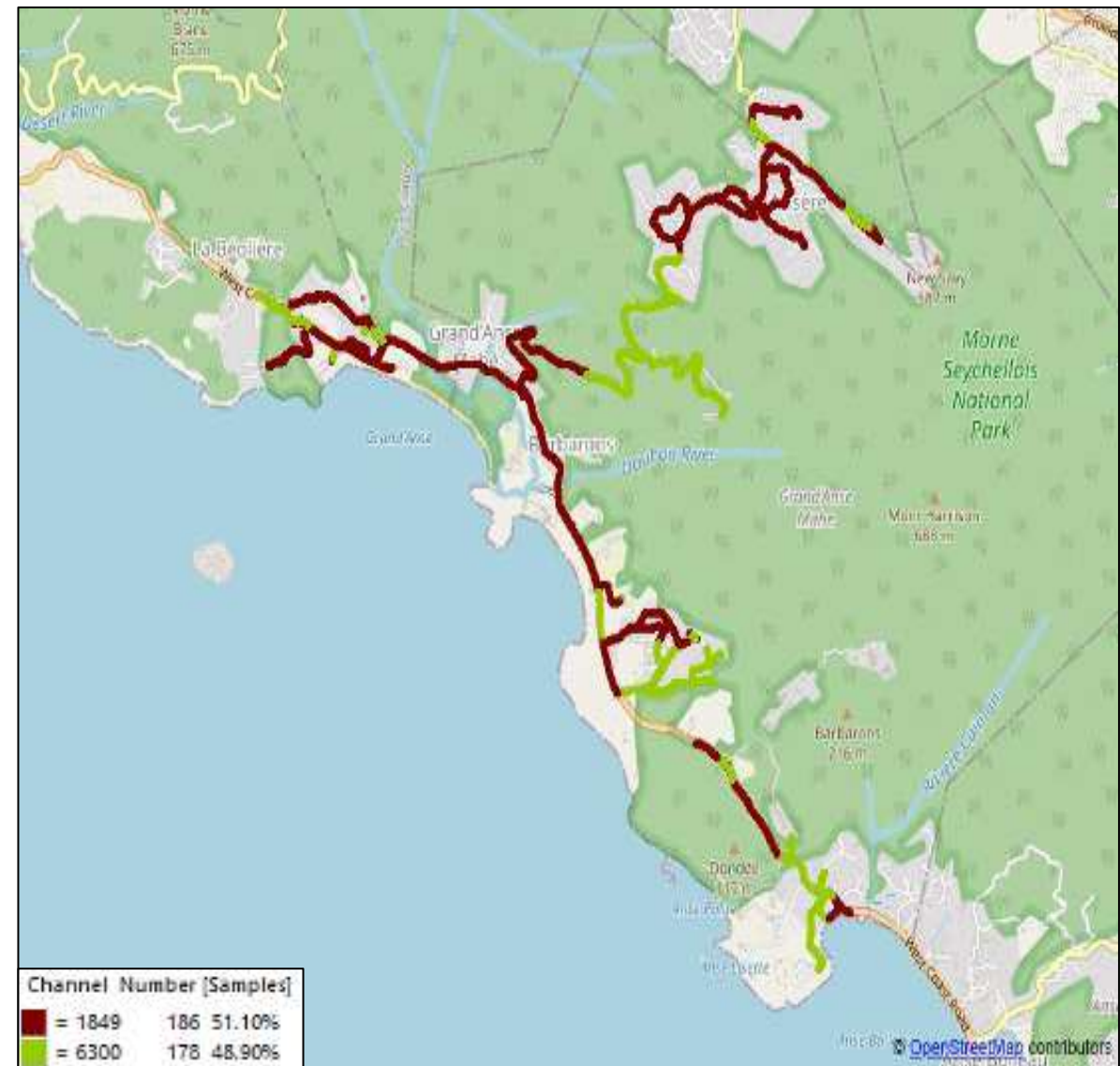
CWS Data 4G



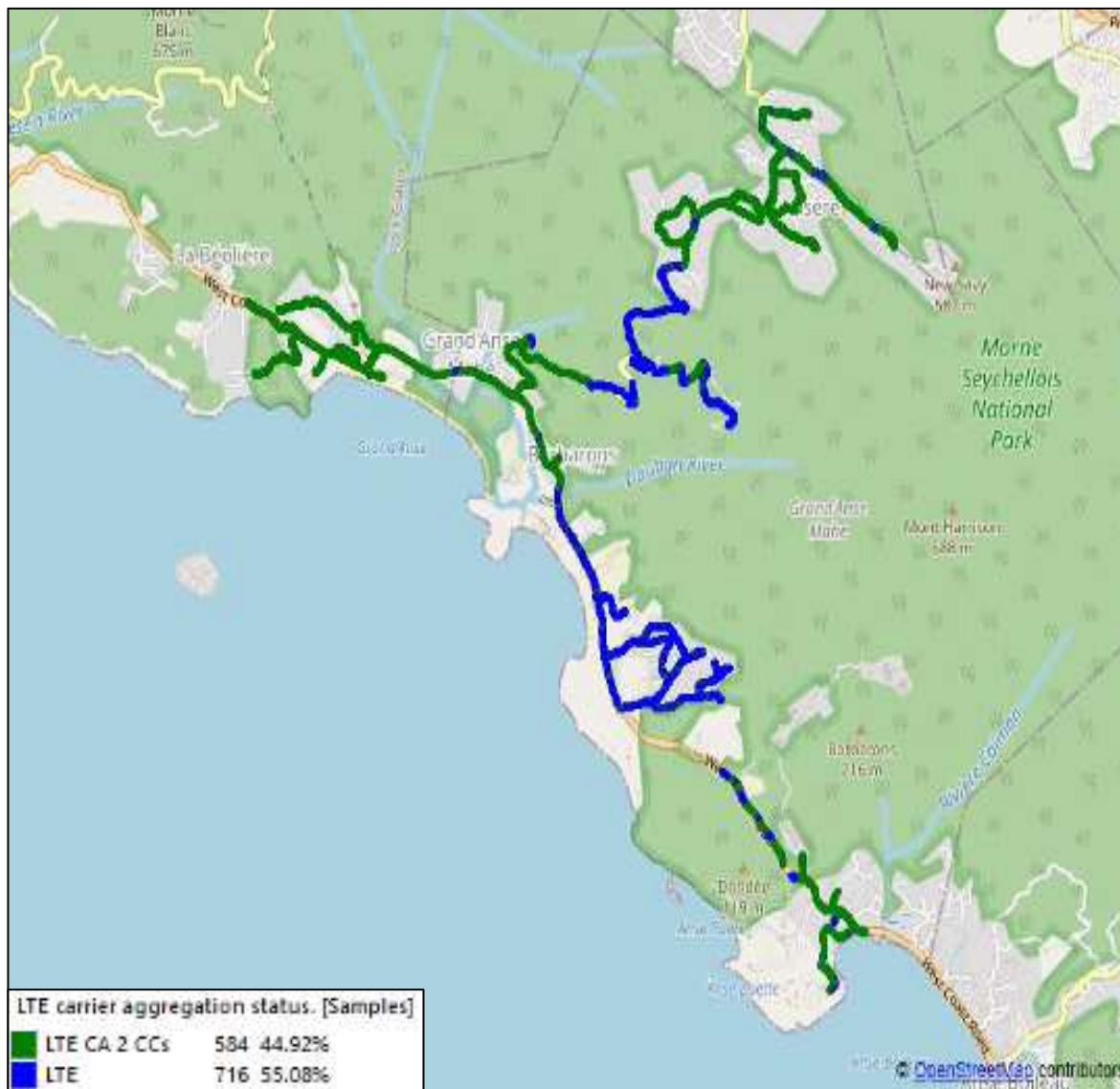
Airtel Data 4G



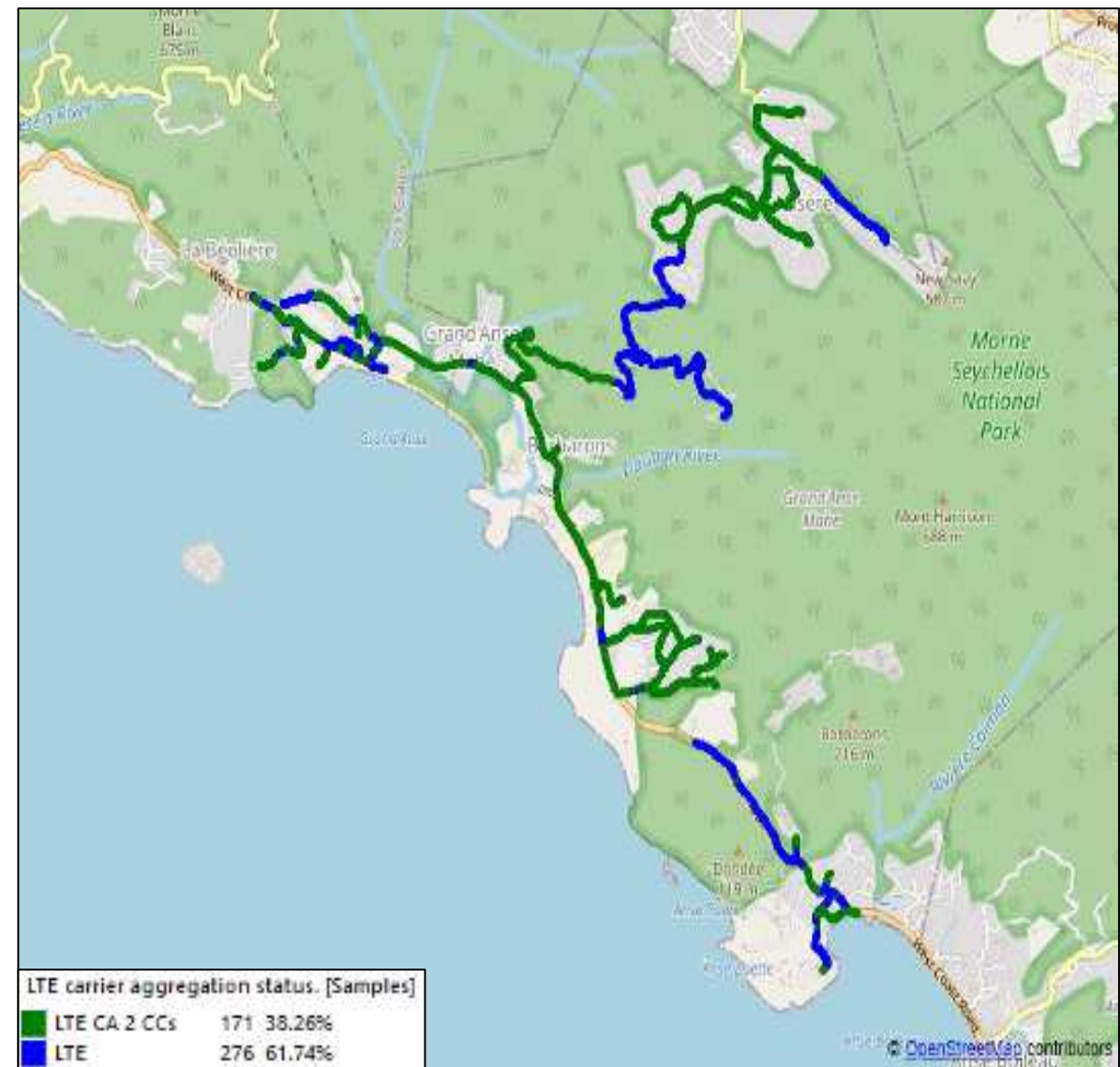
CWS Data 4G



Airtel Data 4G



CWS Data 4G



Airtel Data 4G



CWS Data 4G

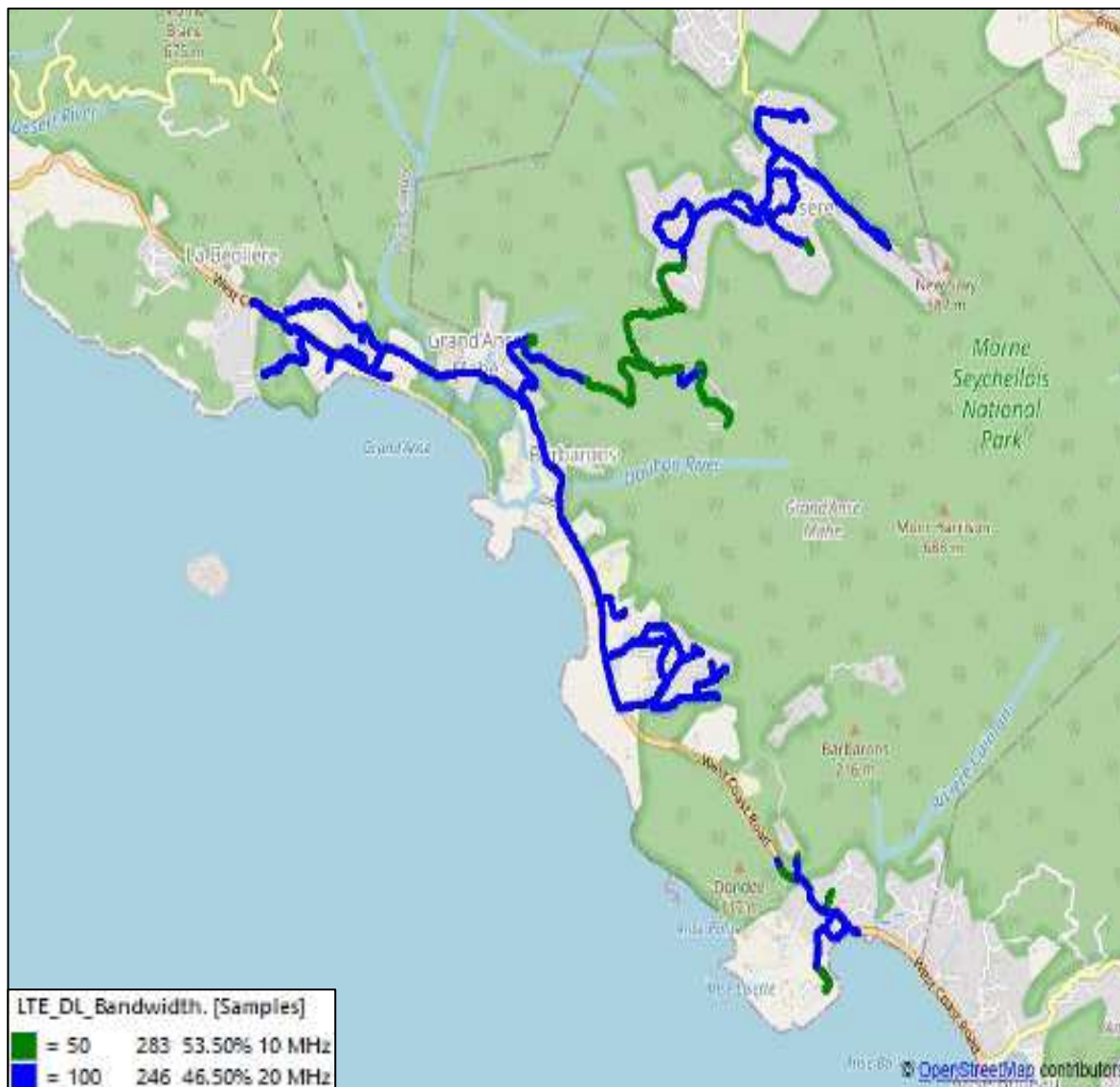


Airtel Data 4G

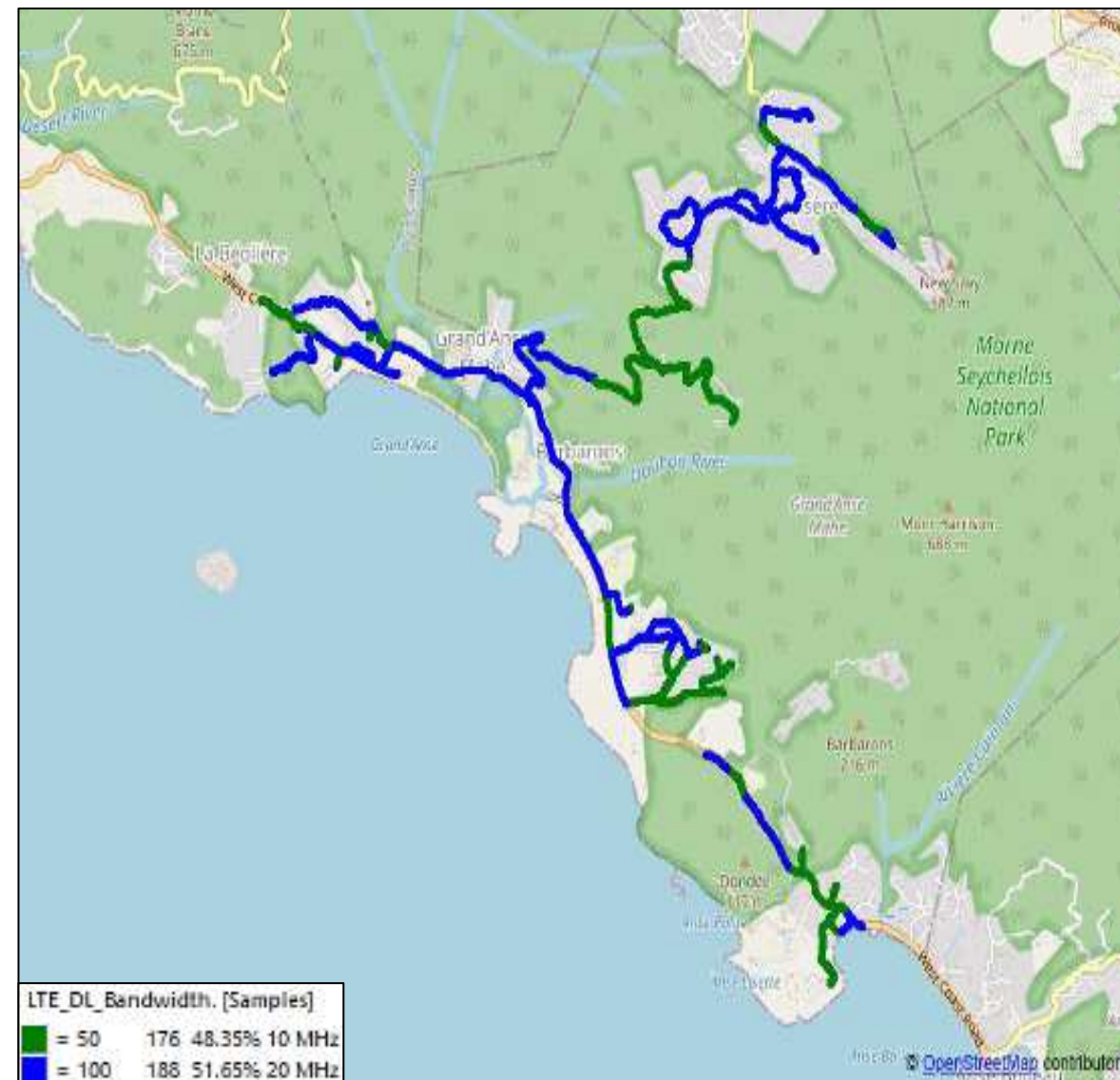
CWS Data 4G



Airtel Data 4G



CWS Data 4G



Negative Event Analysis

Phase-1 Call Drop & Call Attempt Failure Airtel , CWS Summary

Call Attempt Failure cause from Airtel	Count
Total Call Attempt Failure	4
Poor Coverage	3
Network End	1

Call Attempt Failure cause from CWS	Count
Total Call Attempt Failure	0

Call Drop cause from Airtel	Count
Total Call Drop	0

Call Drop cause from CWS	Count
Total Call Drop	1
Poor Coverage	1

Phase-1 Call Attempt Failure Analysis 1 From MS5 Airtel MO

	Time	System	Serving band		1. best active RSCP	Time	Ch	SC	1. best ▲		Event ID	System	Transf. dir.	Time	Subchannel	Message name	
1.	15:05:07.332	UMTS FDD	900	Drx	5604. -87.3	15:04:24.089	3050	307			16659.	RRCSM	UMTS FDD	Downlink	15:04:59.590	DCCH	MEASUREMENT_CONTROL
2.	15:27:32.614	UMTS FDD	2100	Nor	5605.	15:04:24.089	3050	307	-6.3		16660.	RRCSM	UMTS FDD	Downlink	15:04:59.630	DCCH	DOWNLINK_DIRECT_TRANSFER
3.	15:34:02.356	UMTS FDD	2100	Nor	5606. -96.8	15:04:24.422	3050	307			16661.	L3SM	UMTS FDD	Downlink	15:04:59.630	DCCH	AUTHENTICATION_REQUEST
4.	16:03:48.087	UMTS FDD	900	Call	5607.	15:04:24.422	3050	307	-11.2		16662.	RRCSM	UMTS FDD	Uplink	15:04:59.682	DCCH	MEASUREMENT_REPORT
					5608. -89.8	15:04:25.100	3050	307			16663.	RRCSM	UMTS FDD	Uplink	15:04:59.760	DCCH	UPLINK_DIRECT_TRANSFER
					5609.	15:04:25.100	3050	307	-7.1		16664.	L3SM	UMTS FDD	Uplink	15:04:59.760	DCCH	AUTHENTICATION_RESPONSE
					5610. -87	15:04:25.422	3050	307			16665.	RRCSM	UMTS FDD	Downlink	15:04:59.850	DCCH	SECURITY_MODE_COMMAND
					5611.	15:04:25.422	3050	307	-6.2		16666.	RRCSM	UMTS FDD	Uplink	15:04:59.851	DCCH	SECURITY_MODE_COMPLETE
					5612. -88.9	15:04:26.090	3050	307			16667.	RRCSM	UMTS FDD	Uplink	15:04:59.932	DCCH	MEASUREMENT_REPORT
					5613.	15:04:26.090	3050	307	-7		16668.	RRCSM	UMTS FDD	Downlink	15:04:59.951	DCCH	DOWNLINK_DIRECT_TRANSFER
					5614. -89.2	15:04:26.424	3050	307			16669.	L3SM	UMTS FDD	Downlink	15:04:59.951	DCCH	IDENTITY_REQUEST
					5615.	15:04:26.424	3050	307	-6.6		16670.	RRCSM	UMTS FDD	Uplink	15:04:59.951	DCCH	UPLINK_DIRECT_TRANSFER
					5616. -101.1	15:04:27.100	3050	307			16671.	L3SM	UMTS FDD	Uplink	15:04:59.951	DCCH	IDENTITY_RESPONSE
					5617.	15:04:27.100	3050	307	-15.5		16672.	RRCSM	UMTS FDD	Downlink	15:05:00.070	DCCH	DOWNLINK_DIRECT_TRANSFER
					5618. -93	15:04:27.596	3050	307			16673.	L3SM	UMTS FDD	Downlink	15:05:00.070	DCCH	LOCATION_UPDATING_ACCEPT
					5619.	15:04:27.596	3050	307	-10.8		16674.	RRCSM	UMTS FDD	Uplink	15:05:00.072	DCCH	UPLINK_DIRECT_TRANSFER
					5620. -87	15:04:59.342	3050	307			16675.	L3SM	UMTS FDD	Uplink	15:05:00.072	DCCH	CM_SERVICE_REQUEST
					5621.	15:04:59.342	3050	307	-7		16676.	RRCSM	UMTS FDD	Downlink	15:05:00.180	DCCH	DOWNLINK_DIRECT_TRANSFER
					5622. -87	15:04:59.732	3050	307			16677.	L3SM	UMTS FDD	Downlink	15:05:00.180	DCCH	CM_SERVICE_ACCEPT
					5623.	15:04:59.732	3050	307	-7.1		16678.	RRCSM	UMTS FDD	Uplink	15:05:00.181	DCCH	UPLINK_DIRECT_TRANSFER
					5624. -87	15:05:00.420	3050	307			16679.	L3SM	UMTS FDD	Uplink	15:05:00.181	DCCH	SETUP
					5625.	15:05:00.420	3050	307	-6.3		16680.	RRCSM	UMTS FDD	Downlink	15:05:00.310	DCCH	DOWNLINK_DIRECT_TRANSFER
					5626. -87	15:05:00.987	3050	307			16681.	L3SM	UMTS FDD	Downlink	15:05:00.310	DCCH	CALL_PROCEEDING
					5627.	15:05:00.987	3050	307	-5.5		16682.	RRCSM	UMTS FDD	Downlink	15:05:00.440	DCCH	RADIO_BEARER_SETUP
					5628. -87	15:05:01.421	3050	307			16683.	RRCSM	UMTS FDD	Uplink	15:05:00.802	DCCH	MEASUREMENT_REPORT
					5629.	15:05:01.421	3050	307	-8.9		16684.	RRCSM	UMTS FDD	Uplink	15:05:00.803	DCCH	RADIO_BEARER_SETUP_COMPLETE
					5630. -87	15:05:01.731	3050	307			16685.	RRCSM	UMTS FDD	Uplink	15:05:00.987	DCCH	MEASUREMENT_REPORT
					5631.	15:05:01.731	3050	307	-6.9		16686.	RRCSM	UMTS FDD	Uplink	15:05:00.987	DCCH	MEASUREMENT_REPORT
					5632. -87	15:05:02.423	3050	307			16687.	RRCSM	UMTS FDD	Downlink	15:05:01.171	DCCH	RADIO_BEARER_RECONFIGURATION
					5633.	15:05:02.423	3050	307	-7.1		16688.	RRCSM	UMTS FDD	Downlink	15:05:01.211	DCCH	DOWNLINK_DIRECT_TRANSFER
					5634. -88.6	15:05:02.732	3050	307			16689.	L3SM	UMTS FDD	Downlink	15:05:01.211	DCCH	PROGRESS
					5635.	15:05:02.732	3050	307	-10.1		16690.	RRCSM	UMTS FDD	Uplink	15:05:01.213	DCCH	RADIO_BEARER_RECONFIGURATION_COMPLETE
					5636. -89.7	15:05:03.492	3050	307			16691.	RRCSM	UMTS FDD	Downlink	15:05:07.331	DCCH	DOWNLINK_DIRECT_TRANSFER
					5637.	15:05:03.492	3050	307	-7.8		16692.	L3SM	UMTS FDD	Downlink	15:05:07.331	DCCH	DISCONNECT
					5638. -94	15:05:04.221	3050	307			16693.	RRCSM	UMTS FDD	Uplink	15:05:07.332	DCCH	UPLINK_DIRECT_TRANSFER
					5639.	15:05:04.221	3050	307	-10.2		16694.	L3SM	UMTS FDD	Uplink	15:05:07.332	DCCH	RELEASE
					5640. -92	15:05:04.474	3050	307			16695.	RRCSM	UMTS FDD	Downlink	15:05:07.531	DCCH	MEASUREMENT_CONTROL

Analysis:

- This call failure event occurred on short call at 15:05:07:332 time when UE was latched with 3G network.
- After sending "CM Service Request" message to core network, then core network responds with "Call Proceeding" message. After that call setup has been failed.
- During the failure, UE was latched with PSC 307 and RF condition RSCP -87 dBm and Ec/No -7.1 dB both are good.
- Need to check at MT end.

Phase-1 Call Attempt Failure Analysis 1 From MS6 Airtel MT

	Time	Cell type	Band	Band (MHz)	Ch	PCI	RSRP	SNR	Event ID	System	Transf. dir.	Time	Subchannel	Message name	
7342.	15:04:56.525							10.8	16580.	L3SM	LTE FDD	Uplink	15:05:03.174	PDN_CONNECTIVITY_REQUEST	
7343.	15:04:58.440	Serving	B20	800	6400	143	-97.1		16581.	RRCSM	LTE FDD	Uplink	15:05:03.174	CCCH	RRConnectionRequest
7344.	15:04:59.501								16582.	RRCSM	LTE FDD	Downlink	15:05:03.225	CCCH	RRConnectionSetup
7345.	15:05:00.529	Serving	B20	800	6400	143	-97.1		16583.	RRCSM	LTE FDD	Uplink	15:05:03.229	DCCH	RRConnectionSetupComplete
7346.	15:05:03.639	Serving	B20	800	6400	143	-97.8		16584.	RRCSM	LTE FDD	Downlink	15:05:03.271	DCCH	DLInformationTransfer
7347.	15:05:03.639							9.5	16585.	L3SM	LTE FDD	Downlink	15:05:03.271		ESM_INFORMATION_REQUEST
7348.	15:05:03.922	Serving	B20	800	6400	143	-95.7		16586.	L3SM	LTE FDD	Uplink	15:05:03.271		ESM_INFORMATION_RESPONSE
7349.	15:05:03.922							10.1	16587.	RRCSM	LTE FDD	Uplink	15:05:03.272	DCCH	ULInformationTransfer
7350.	15:05:04.651	Serving	B20	800	6400	143	-96		16588.	RRCSM	LTE FDD	Downlink	15:05:03.376	DCCH	SecurityModeCommand
7351.	15:05:04.651							11.9	16589.	RRCSM	LTE FDD	Uplink	15:05:03.377	DCCH	SecurityModeComplete
7352.	15:05:05.127	Serving	B20	800	6400	143	-95.7		16590.	RRCSM	LTE FDD	Downlink	15:05:03.392	DCCH	UECapabilityEnquiry
7353.	15:05:05.127							12.3	16591.	RRCSM	LTE FDD	Uplink	15:05:03.395	DCCH	UECapabilityInformation
7354.	15:05:05.634	Serving	B20	800	6400	143	-97.1		16592.	RRCSM	UMTS FDD	Uplink	15:05:03.395		INTER_RAT_HANDOVER_INFO
7355.	15:05:05.634							11.6	16593.	RRCSM	LTE FDD	Downlink	15:05:03.419	DCCH	RRConnectionReconfiguration
7356.	15:05:06.172	Serving	B20	800	6400	143	-96.9		16594.	RRCSM	LTE FDD	Uplink	15:05:03.430	DCCH	RRConnectionReconfigurationComplete
7357.	15:05:06.172							11.2	16595.	L3SM	LTE FDD	Downlink	15:05:03.430		ACTIVATE_DEFAULT_EPS_BEARER_CONTEXT_REQUEST
7358.	15:05:06.616	Serving	B20	800	6400	143	-95.3		16596.	L3SM	LTE FDD	Downlink	15:05:03.430		ATTACH_ACCEPT
7359.	15:05:06.616							12	16597.	L3SM	LTE FDD	Uplink	15:05:03.435		ATTACH_COMPLETE
7360.	15:05:07.163	Serving	B20	800	6400	143	-95.6		16598.	L3SM	LTE FDD	Uplink	15:05:03.435		ACTIVATE_DEFAULT_EPS_BEARER_CONTEXT_ACCEPT
7361.	15:05:07.163							11.8	16599.	RRCSM	LTE FDD	Uplink	15:05:03.436	DCCH	ULInformationTransfer
7362.	15:05:07.758	Serving	B20	800	6400	143	-96		16600.	RRCSM	LTE FDD	Downlink	15:05:03.465	DCCH	DLInformationTransfer
7363.	15:05:07.758							10.2	16601.	L3SM	LTE FDD	Downlink	15:05:03.465		EMM_INFORMATION
7364.	15:05:08.282	Serving	B20	800	6400	143	-97.9		16602.	RRCSM	LTE FDD	Uplink	15:05:03.557	DCCH	MeasurementReport
7365.	15:05:08.282							10.1	16603.	RRCSM	LTE FDD	Downlink	15:05:03.581	DCCH	RRConnectionReconfiguration
7366.	15:05:08.724	Serving	B20	800	6400	143	-97.9		16604.	RRCSM	LTE FDD	Uplink	15:05:03.597	DCCH	RRConnectionReconfigurationComplete
7367.	15:05:08.724							10.6	16605.	RRCSM	LTE FDD	Downlink	15:05:18.279	DCCH	RRConnectionRelease
7368.	15:05:09.324	Serving	B20	800	6400	143	-98.1		16606.	RRCSM	LTE FDD	Downlink	15:05:23.484	PCCH	Paging
7369.	15:05:09.324							8.8	16607.	L3SM	LTE FDD	Uplink	15:05:23.485		SERVICE_REQUEST
7370.	15:05:09.721	Serving	B20	800	6400	143	-96.9		16608.	RRCSM	LTE FDD	Uplink	15:05:23.485	CCCH	RRConnectionRequest
7371.	15:05:09.721							10.3	16609.	RRCSM	LTE FDD	Downlink	15:05:23.545	CCCH	RRConnectionSetup
7372.	15:05:10.417	Serving	B20	800	6400	143	-98.8		16610.	RRCSM	LTE FDD	Uplink	15:05:23.549	DCCH	RRConnectionSetupComplete
7373.	15:05:10.417							9.8	16611.	RRCSM	LTE FDD	Downlink	15:05:23.584	DCCH	SecurityModeCommand
7374.	15:05:10.810	Serving	B20	800	6400	143	-96.6		16612.	RRCSM	LTE FDD	Uplink	15:05:23.585	DCCH	SecurityModeComplete
7375.	15:05:10.810							8.8	16613.	RRCSM	LTE FDD	Downlink	15:05:23.588	DCCH	RRConnectionReconfiguration
7376.	15:05:11.382	Serving	B20	800	6400	143	-97.4		16614.	RRCSM	LTE FDD	Uplink	15:05:23.601	DCCH	RRConnectionReconfigurationComplete
7377.	15:05:11.382							7.5	16615.	RRCSM	LTE FDD	Downlink	15:05:23.623	DCCH	UECapabilityEnquiry

Analysis:

- On MT End, During the setup fail, UE was latched with PCI 85 and RF condition RSRP -95.6 dBm and SINR 11.8 dB both are ok.
- On both MO And MT Side, RF Conditions seems OK Also there is no abnormal message regarding failure.
- Need to check from Network End.

Phase-1 Call Attempt Failure Analysis 2 From MS5 Airtel MO

	Time	System	Serving band		1. best active RSCP	Time	Ch	SC	1. best ▲		Event ID	System	Transf. dir.	Time	Subchannel	Message name	
1.	15:05:07.332	UMTS FDD	900	Dro	7542,	15:27:25.224	10562	328	-13.1		22541.	RRCSM	UMTS FDD	Uplink	15:27:14.105	DCCH	MEASUREMENT_REPORT
2.	15:27:32.614	UMTS FDD	2100	No	7543,	15:27:25.902	10562	328	-120.5		22542.	RRCSM	UMTS FDD	Downlink	15:27:14.380	DCCH	PHYSICAL_CHANNEL_RECONFIGURATION
3.	15:34:02.356	UMTS FDD	2100	Nor	7544,	15:27:25.902	10562	328	-21.6		22543.	RRCSM	UMTS FDD	Uplink	15:27:14.642	DCCH	MEASUREMENT_REPORT
4.	16:03:48.087	UMTS FDD	900	Call	7545,	15:27:26.313	10562	328	-103.9		22544.	RRCSM	UMTS FDD	Uplink	15:27:14.705	DCCH	PHYSICAL_CHANNEL_RECONFIGURATION_COMPLETE
					7546,	15:27:26.313	10562	328	-13.4		22545.	RRCSM	UMTS FDD	Uplink	15:27:14.744	DCCH	MEASUREMENT_REPORT
					7547,	15:27:26.915	10562	328	-109.9		22546.	RRCSM	UMTS FDD	Downlink	15:27:14.860	DCCH	ACTIVE_SET_UPDATE
					7548,	15:27:26.915	10562	328	-8.3		22547.	RRCSM	UMTS FDD	Uplink	15:27:14.902	DCCH	ACTIVE_SET_UPDATE_COMPLETE
					7549,	15:27:27.372	10562	328	-111.6		22548.	RRCSM	UMTS FDD	Downlink	15:27:15.060	DCCH	MEASUREMENT_CONTROL
					7550,	15:27:27.372	10562	328	-11.7		22549.	RRCSM	UMTS FDD	Downlink	15:27:15.180	DCCH	ACTIVE_SET_UPDATE
					7551,	15:27:27.983	10562	328	-118.6		22550.	RRCSM	UMTS FDD	Uplink	15:27:15.207	DCCH	ACTIVE_SET_UPDATE_COMPLETE
					7552,	15:27:27.983	10562	328	-19.3		22551.	RRCSM	UMTS FDD	Downlink	15:27:15.420	DCCH	MEASUREMENT_CONTROL
					7553,	15:27:28.371	10562	328	-114.6		22552.	RRCSM	UMTS FDD	Downlink	15:27:15.540	DCCH	SECURITY_MODE_COMMAND
					7554,	15:27:28.371	10562	328	-11		22553.	RRCSM	UMTS FDD	Uplink	15:27:15.541	DCCH	SECURITY_MODE_COMPLETE
					7555,	15:27:28.905	10562	328	-106.4		22554.	RRCSM	UMTS FDD	Uplink	15:27:15.605	DCCH	MEASUREMENT_REPORT
					7556,	15:27:28.905	10562	328	-9		22555.	RRCSM	UMTS FDD	Downlink	15:27:15.660	DCCH	DOWNLINK_DIRECT_TRANSFER
					7557,	15:27:29.427	10562	328	-111.6		22556.	L3SM	UMTS FDD	Downlink	15:27:15.660	DCCH	IDENTITY_REQUEST
					7558,	15:27:29.427	10562	328	-13.6		22557.	RRCSM	UMTS FDD	Uplink	15:27:15.661	DCCH	UPLINK_DIRECT_TRANSFER
					7559,	15:27:29.909	10562	328	-113		22558.	L3SM	UMTS FDD	Uplink	15:27:15.661	DCCH	IDENTITY_RESPONSE
					7560,	15:27:29.909	10562	328	-14		22559.	RRCSM	UMTS FDD	Uplink	15:27:15.661	DCCH	UPLINK_DIRECT_TRANSFER
					7561,	15:27:30.495	10562	328	-113.4		22560.	L3SM	UMTS FDD	Uplink	15:27:15.661	DCCH	SETUP
					7562,	15:27:30.495	10562	328	-10.5		22561.	RRCSM	UMTS FDD	Downlink	15:27:15.860	DCCH	ACTIVE_SET_UPDATE
					7563,	15:27:30.945	10562	328	-117.7		22562.	RRCSM	UMTS FDD	Uplink	15:27:15.897	DCCH	ACTIVE_SET_UPDATE_COMPLETE
					7564,	15:27:30.945	10562	328	-13.9		22563.	RRCSM	UMTS FDD	Downlink	15:27:15.940	DCCH	DOWNLINK_DIRECT_TRANSFER
					7565,	15:27:31.566	10562	328	-112.5		22564.	L3SM	UMTS FDD	Downlink	15:27:15.940	DCCH	CALL_PROCEEDING
					7566,	15:27:31.566	10562	328	-14.1		22565.	RRCSM	UMTS FDD	Uplink	15:27:16.004	DCCH	MEASUREMENT_REPORT
					7567,	15:27:32.134	10562	328	-106.9		22566.	RRCSM	UMTS FDD	Downlink	15:27:16.298	DCCH	MEASUREMENT_CONTROL
					7568,	15:27:32.134	10562	328	-10.1		22567.	RRCSM	UMTS FDD	Downlink	15:27:16.299	DCCH	ACTIVE_SET_UPDATE
					7569,	15:27:32.625	10562	328	-112		22568.	RRCSM	UMTS FDD	Uplink	15:27:16.300	DCCH	ACTIVE_SET_UPDATE_COMPLETE
					7570,	15:27:32.625	10562	328	-13.9		22569.	RRCSM	UMTS FDD	Downlink	15:27:16.624	BCCH_BCH	SYSTEM_INFORMATION_BCH
					7571,	15:27:33.240	10562	328	-106.5		22570.	RRCSM	UMTS FDD	Downlink	15:27:16.624	BCCH	SYSTEM_INFORMATION_BLOCK_TYPE_3
					7572,	15:27:33.240	10562	328	-9.3		22571.	RRCSM	UMTS FDD	Downlink	15:27:16.624	BCCH	SYSTEM_INFORMATION_BLOCK_TYPE_7
					7573,	15:27:33.701	10562	328	-118.2		22572.	RRCSM	UMTS FDD	Downlink	15:27:16.624	DCCH	MEASUREMENT_CONTROL
					7574,	15:27:33.701	10562	328	-18.2		22573.	RRCSM	UMTS FDD	Downlink	15:27:16.624	BCCH_BCH	SYSTEM_INFORMATION_BCH
					7575,	15:28:04.393	3050	328	-91		22574.	RRCSM	UMTS FDD	Downlink	15:27:16.624	BCCH_BCH	SYSTEM_INFORMATION_BCH
					7576,	15:28:04.393	3050	328	-13.4		22575.	RRCSM	UMTS FDD	Downlink	15:27:16.624	BCCH_BCH	SYSTEM_INFORMATION_BCH
					7577,	15:28:04.866	3050	328	-91		22576.	RRCSM	UMTS FDD	Downlink	15:27:16.624	BCCH	MASTER_INFORMATION_BLOCK
					7578,	15:28:04.866	3050	328	-18.1		22577.	RRCSM	UMTS FDD	Downlink	15:27:16.625	BCCH_BCH	SYSTEM_INFORMATION_BCH

Analysis:

- This call failure event occurred on short call at 15:27:32:614 time when UE was latched with 3G network.
- After sending "CM Service Request" message to core network, then core network responds with "Call Proceeding" message. After that call setup has been failed.
- During the failure, UE was latched with PSC 328 and RF condition RSCP -118.6 dBm and Ec/No -19.3 dB are very poor.
- As per the analysis call failed happened due to poor coverage of the network.

Phase-1 Call Attempt Failure Analysis 3 From MS5 Airtel MO

	Time	System	Serving band		1. best active RSCP	Time	Ch	SC	1. best ▲		Event ID	System	Transf. dir.	Time	Subchannel	Message name	
1.	15:05:07.332	UMTS FDD	900	Dro	8559, -109.1	15:33:57.987	10562	328			25595.	RRCSM	UMTS FDD	Uplink	15:33:46.028	DCCH	INITIAL_DIRECT_TRANSFER
2.	15:27:32.614	UMTS FDD	2100	Noi	8560.	15:33:57.987	10562	328	-8.3		25596.	L3SM	UMTS FDD	Uplink	15:33:46.028	DCCH	ROUTING_AREA_UPDATE_REQUEST
3.	15:34:02.356	UMTS FDD	2100	Noi	8561, -109.6	15:33:58.573	10562	328			25597.	RRCSM	UMTS FDD	Downlink	15:33:46.028	DCCH	MEASUREMENT_CONTROL
4.	16:03:48.087	UMTS FDD	900	Call	8562.	15:33:58.573	10562	328	-9.6		25598.	RRCSM	UMTS FDD	Downlink	15:33:46.028	DCCH	MEASUREMENT_CONTROL
					8563, -117.9	15:33:58.988	10562	328			25599.	RRCSM	UMTS FDD	Downlink	15:33:46.028	DCCH	MEASUREMENT_CONTROL
					8564.	15:33:58.988	10562	328	-15.6		25600.	RRCSM	UMTS FDD	Downlink	15:33:46.028	DCCH	MEASUREMENT_CONTROL
					8565, -110.3	15:33:59.525	10562	328			25601.	RRCSM	UMTS FDD	Downlink	15:33:46.028	DCCH	MEASUREMENT_CONTROL
					8566.	15:33:59.525	10562	328	-10.5		25602.	RRCSM	UMTS FDD	Downlink	15:33:46.028	DCCH	DOWNLINK_DIRECT_TRANSFER
					8567, -109.1	15:34:00.044	10562	328			25603.	L3SM	UMTS FDD	Downlink	15:33:46.028	DCCH	AUTHENTICATION_REQUEST
					8568.	15:34:00.044	10562	328	-8.7		25604.	RRCSM	UMTS FDD	Uplink	15:33:46.029	DCCH	UPLINK_DIRECT_TRANSFER
					8569, -105.3	15:34:00.573	10562	328			25605.	L3SM	UMTS FDD	Uplink	15:33:46.029	DCCH	AUTHENTICATION_RESPONSE
					8570.	15:34:00.573	10562	328	-7.7		25606.	RRCSM	UMTS FDD	Downlink	15:33:46.320	DCCH	SECURITY_MODE_COMMAND
					8571, -116.3	15:34:00.987	10562	328			25607.	RRCSM	UMTS FDD	Uplink	15:33:46.320	DCCH	SECURITY_MODE_COMPLETE
					8572.	15:34:00.987	10562	328	-14.2		25608.	RRCSM	UMTS FDD	Uplink	15:33:46.320	DCCH	UPLINK_DIRECT_TRANSFER
					8573, -110.4	15:34:01.788	10562	328			25609.	L3SM	UMTS FDD	Uplink	15:33:46.320	DCCH	SETUP
					8574.	15:34:01.788	10562	328	-10.5		25610.	RRCSM	UMTS FDD	Downlink	15:33:46.321	DCCH	DOWNLINK_DIRECT_TRANSFER
					8575, -106.6	15:34:02.289	10562	328			25611.	L3SM	UMTS FDD	Downlink	15:33:46.321	DCCH	IDENTITY_REQUEST
					8576.	15:34:02.289	10562	328	-7.6		25612.	RRCSM	UMTS FDD	Uplink	15:33:46.321	DCCH	UPLINK_DIRECT_TRANSFER
					8577, -114.9	15:34:02.811	10562	328			25613.	L3SM	UMTS FDD	Uplink	15:33:46.321	DCCH	IDENTITY_RESPONSE
					8578.	15:34:02.811	10562	328	-14		25614.	RRCSM	UMTS FDD	Downlink	15:33:46.558	DCCH	DOWNLINK_DIRECT_TRANSFER
					8579, -93	15:34:33.788	3050	307			25615.	L3SM	UMTS FDD	Downlink	15:33:46.558	DCCH	CALL_PROCEEDING
					8580.	15:34:33.788	3050	307	-10.2		25616.	RRCSM	UMTS FDD	Uplink	15:33:46.757	DCCH	MEASUREMENT_REPORT
					8581, -93	15:34:34.373	3050	307			25617.	RRCSM	UMTS FDD	Uplink	15:33:48.030	DCCH	MEASUREMENT_REPORT
					8582.	15:34:34.373	3050	307	-9.7		25618.	RRCSM	UMTS FDD	Uplink	15:33:50.028	DCCH	MEASUREMENT_REPORT
					8583, -93	15:34:34.850	3050	307			25619.	RRCSM	UMTS FDD	Downlink	15:33:52.027	DCCH	RADIO_BEARER_SETUP
					8584.	15:34:34.850	3050	307	-14.7		25620.	RRCSM	UMTS FDD	Uplink	15:33:52.029	DCCH	RADIO_BEARER_SETUP_COMPLETE
					8585, -93	15:34:35.479	3050	307			25621.	RRCSM	UMTS FDD	Downlink	15:33:52.321	DCCH	RADIO_BEARER_RECONFIGURATION
					8586.	15:34:35.479	3050	307	-14.7		25622.	RRCSM	UMTS FDD	Downlink	15:33:52.321	DCCH	DOWNLINK_DIRECT_TRANSFER
					8587, -93	15:34:36.109	3050	307			25623.	L3SM	UMTS FDD	Downlink	15:33:52.321	DCCH	PROGRESS
					8588.	15:34:36.109	3050	307	-15		25624.	RRCSM	UMTS FDD	Uplink	15:33:52.322	DCCH	RADIO_BEARER_RECONFIGURATION_COMPLETE
					8589, -93	15:34:36.469	3050	307			25625.	RRCSM	UMTS FDD	Downlink	15:33:52.928	DCCH	PHYSICAL_CHANNEL_RECONFIGURATION
					8590.	15:34:36.469	3050	307	-16.3		25626.	RRCSM	UMTS FDD	Uplink	15:33:52.928	DCCH	PHYSICAL_CHANNEL_RECONFIGURATION_COMPLETE
					8591, -93	15:34:37.089	3050	307			25627.	RRCSM	UMTS FDD	Uplink	15:33:53.379	DCCH	MEASUREMENT_REPORT
					8592.	15:34:37.089	3050	307	-16.6		25628.	RRCSM	UMTS FDD	Downlink	15:33:53.788	DCCH	MEASUREMENT_CONTROL
					8593, -97.2	15:34:37.748	3050	307			25629.	RRCSM	UMTS FDD	Downlink	15:33:55.030	DCCH	SECURITY_MODE_COMMAND
					8594.	15:34:37.748	3050	307	-13.7		25630.	RRCSM	UMTS FDD	Uplink	15:33:55.030	DCCH	SECURITY_MODE_COMPLETE
					8595, -101.5	15:34:38.078	3050	307			25631.	RRCSM	UMTS FDD	Downlink	15:33:55.088	DCCH	DOWNLINK_DIRECT_TRANSFER

- Analysis:**
- This call failure event;356 occurred on short call at 15:34:02 time when UE was latched with 3G network.
 - After sending “CM Service Request” message to core network, then core network responds with “Call Proceeding” message. After that call setup has been failed.
 - During the failure, UE was latched with PSC 328 and RF condition RSCP -117.9 dBm and Ec/No -15.6 dB are very poor.
 - As per the analysis call failed happened due to poor coverage of the network.

Phase-1 Call Attempt Failure Analysis 4 From MS5 Airtel MO

	Time	System	Serving band		1. best active RSCP	Time	Ch	SC	1. best ▲		Event ID	System	Transf. dir.	Time	Subchannel	Message name	
1.	15:05:07.332	UMTS FDD	900	Dro	11044.		3050	291	-4.1		32984.	RRCSM	UMTS FDD	Uplink	16:03:47.211	DCCH	UPLINK_DIRECT_TRANSFER
2.	15:27:32.614	UMTS FDD	2100	Nor	11045.	-74.1	3050	291			32985.	L3SM	UMTS FDD	Uplink	16:03:47.211	DCCH	AUTHENTICATION_RESPONSE
3.	15:34:02.356	UMTS FDD	2100	Nor	11046.		3050	291	-4		32986.	RRCSM	UMTS FDD	Downlink	16:03:47.307	DCCH	SECURITY_MODE_COMMAND
4.	16:03:48.087	UMTS FDD	900	Cal	11047.	-66.9	3050	291			32987.	RRCSM	UMTS FDD	Uplink	16:03:47.308	DCCH	SECURITY_MODE_COMPLETE
					11048.		3050	291	-4.1		32988.	RRCSM	UMTS FDD	Downlink	16:03:47.407	DCCH	DOWNLINK_DIRECT_TRANSFER
					11049.	-68.9	3050	291			32989.	L3SM	UMTS FDD	Downlink	16:03:47.407	DCCH	IDENTITY_REQUEST
					11050.		3050	291	-4		32990.	RRCSM	UMTS FDD	Uplink	16:03:47.408	DCCH	UPLINK_DIRECT_TRANSFER
					11051.	-66.7	3050	291			32991.	L3SM	UMTS FDD	Uplink	16:03:47.408	DCCH	IDENTITY_RESPONSE
					11052.		3050	291	-4.7		32992.	RRCSM	UMTS FDD	Uplink	16:03:47.419	DCCH	MEASUREMENT_REPORT
					11053.	-84.4	3050	291			32993.	RRCSM	UMTS FDD	Downlink	16:03:47.527	DCCH	DOWNLINK_DIRECT_TRANSFER
					11054.		3050	291	-9.9		32994.	L3SM	UMTS FDD	Downlink	16:03:47.527	DCCH	LOCATION_UPDATING_ACCEPT
					11055.	-72	3050	291			32995.	RRCSM	UMTS FDD	Uplink	16:03:47.529	DCCH	UPLINK_DIRECT_TRANSFER
					11056.		3050	291	-6.1		32996.	L3SM	UMTS FDD	Uplink	16:03:47.529	DCCH	CM_SERVICE_REQUEST
					11057.	-75.6	3050	291			32997.	RRCSM	UMTS FDD	Downlink	16:03:47.647	DCCH	DOWNLINK_DIRECT_TRANSFER
					11058.		3050	291	-4.2		32998.	L3SM	UMTS FDD	Downlink	16:03:47.647	DCCH	CM_SERVICE_ACCEPT
					11059.	-76.9	3050	291			32999.	RRCSM	UMTS FDD	Uplink	16:03:47.648	DCCH	UPLINK_DIRECT_TRANSFER
					11060.		3050	291	-6.5		33000.	L3SM	UMTS FDD	Uplink	16:03:47.648	DCCH	SETUP
					11061.	-83	3050	291			33001.	RRCSM	UMTS FDD	Downlink	16:03:47.757	DCCH	DOWNLINK_DIRECT_TRANSFER
					11062.		3050	291	-7.6		33002.	L3SM	UMTS FDD	Downlink	16:03:47.757	DCCH	CALL_PROCEEDING
					11063.	-83	3050	291			33003.	RRCSM	UMTS FDD	Uplink	16:03:48.087	DCCH	UPLINK_DIRECT_TRANSFER
					11064.		3050	291	-6.8		33004.	L3SM	UMTS FDD	Uplink	16:03:48.087	DCCH	DISCONNECT
					11065.	-83	3050	291			33005.	RRCSM	UMTS FDD	Downlink	16:03:48.177	DCCH	DOWNLINK_DIRECT_TRANSFER
					11066.		3050	291	-6.2		33006.	L3SM	UMTS FDD	Downlink	16:03:48.177	DCCH	RELEASE
					11067.	-83	3050	291			33007.	RRCSM	UMTS FDD	Uplink	16:03:48.178	DCCH	UPLINK_DIRECT_TRANSFER
					11068.		3050	291	-6.6		33008.	L3SM	UMTS FDD	Uplink	16:03:48.178	DCCH	RELEASE_COMPLETE
					11069.	-83	3050	291			33009.	RRCSM	UMTS FDD	Downlink	16:03:48.257	DCCH	MEASUREMENT_CONTROL
					11070.		3050	291	-5.6		33010.	RRCSM	UMTS FDD	Uplink	16:03:48.268	DCCH	MEASUREMENT_REPORT
					11071.	-83	3050	291			33011.	RRCSM	UMTS FDD	Downlink	16:03:48.277	DCCH	SIGNALING_CONNECTION_RELEASE
					11072.		3050	291	-8.1		33012.	RRCSM	UMTS FDD	Downlink	16:03:48.317	DCCH	SECURITY_MODE_COMMAND
					11073.	-83	3050	291			33013.	RRCSM	UMTS FDD	Uplink	16:03:48.318	DCCH	SECURITY_MODE_COMPLETE
					11074.		3050	291	-6.8		33014.	RRCSM	UMTS FDD	Uplink	16:03:48.340	DCCH	MEASUREMENT_REPORT
					11075.	-86.5	3050	291			33015.	RRCSM	UMTS FDD	Uplink	16:03:48.359	DCCH	MEASUREMENT_REPORT
					11076.		3050	291	-7.9		33016.	RRCSM	UMTS FDD	Uplink	16:03:48.380	DCCH	MEASUREMENT_REPORT
					11077.	-89.5	3050	291			33017.	RRCSM	UMTS FDD	Downlink	16:03:48.537	DCCH	DOWNLINK_DIRECT_TRANSFER
					11078.		3050	291	-8.9		33018.	L3SM	UMTS FDD	Downlink	16:03:48.537	DCCH	ROUTING_AREA_UPDATE_ACCEPT
					11079.	-84.8	3050	291			33019.	RRCSM	UMTS FDD	Uplink	16:03:48.539	DCCH	UPLINK_DIRECT_TRANSFER
					11080.		3050	291	-6		33020.	L3SM	UMTS FDD	Uplink	16:03:48.539	DCCH	ROUTING_AREA_UPDATE_COMPLETE

- Analysis:**
- This call failure event occurred on short call at 16:03:48:087 time when UE was latched with 3G network.
 - After sending "CM Service Request" message to core network, then core network responds with "Call Proceeding" message. After that call setup has been failed.
 - During the failure, UE was latched with PSC 291 and RF condition RSCP -83 dBm and Ec/No -6.8 dB both are good.
 - Need to check at MT end.

Phase-1 Call Attempt Failure Analysis 4 From MS6 Airtel MT

Time	Cell type	Band	Band (MHz)	Ch	PCI	RSRP	SNR	Event ID	System	Transf. dir.	Time	Subchannel	Message name	
13095.	16:03:39.240	Serving	B20	800	6400	141	-89.3	30181.	RRCSM	LTE FDD	Uplink	16:03:40.179	DCCH	MeasurementReport
13096.	16:03:39.240						3.9	30182.	RRCSM	LTE FDD	Downlink	16:03:40.192	DCCH	RRCCConnectionReconfiguration
13097.	16:03:39.525	Serving	B20	800	6400	141	-90.6	30183.	RRCSM	LTE FDD	Uplink	16:03:40.193	DCCH	RRCCConnectionReconfigurationComplete
13098.	16:03:39.525						4.6	30184.	RRCSM	LTE FDD	Downlink	16:03:40.239	DCCH	RRCCConnectionReconfiguration
13099.	16:03:40.287	Serving	B20	800	6400	143	-86.3	30185.	RRCSM	LTE FDD	Uplink	16:03:40.240	DCCH	RRCCConnectionReconfigurationComplete
13100.	16:03:40.287						7.9	30186.	RRCSM	LTE FDD	Downlink	16:03:40.317	BCCH-SCH	SystemInformationBlockType1
13101.	16:03:40.831	Serving	B20	800	6400	143	-86.6	30187.	RRCSM	LTE FDD	Uplink	16:03:40.731	DCCH	MeasurementReport
13102.	16:03:40.831						13.7	30188.	RRCSM	LTE FDD	Downlink	16:03:40.750	DCCH	RRCCConnectionReconfiguration
13103.	16:03:41.327	Serving	B20	800	6400	143	-86.4	30189.	RRCSM	LTE FDD	Uplink	16:03:40.765	DCCH	RRCCConnectionReconfigurationComplete
13104.	16:03:41.327						11.2	30190.	RRCSM	LTE FDD	Uplink	16:03:41.433	DCCH	MeasurementReport
13105.	16:03:41.677	Serving	B3	1800	1300	143	-91.6	30191.	RRCSM	LTE FDD	Downlink	16:03:41.503	DCCH	RRCCConnectionReconfiguration
13106.	16:03:41.677						11.8	30192.	RRCSM	LTE FDD	Uplink	16:03:41.526	DCCH	RRCCConnectionReconfigurationComplete
13107.	16:03:42.039	Serving	B3	1800	1300	143	-91.9	30193.	RRCSM	LTE FDD	Downlink	16:03:41.557	BCCH-SCH	SystemInformationBlockType1
13108.	16:03:42.039						11.2	30194.	RRCSM	LTE FDD	Downlink	16:03:41.558	BCCH-SCH	SystemInformation - SIB2,SIB3
13109.	16:03:43.721	Serving	B3	1800	1300	143	-99.1	30195.	RRCSM	LTE FDD	Downlink	16:03:41.571	DCCH	RRCCConnectionReconfiguration
13110.	16:03:43.721						5.3	30196.	RRCSM	LTE FDD	Uplink	16:03:41.575	DCCH	RRCCConnectionReconfigurationComplete
13111.	16:03:44.383	Serving	B3	1800	1300	143	-105.1	30197.	RRCSM	LTE FDD	Uplink	16:03:41.617	DCCH	MeasurementReport
13112.	16:03:44.383						10.8	30198.	RRCSM	LTE FDD	Uplink	16:03:41.617	DCCH	MeasurementReport
13113.	16:03:45.837	Serving	B3	1800	1300	143	-103.5	30199.	RRCSM	LTE FDD	Downlink	16:03:41.626	DCCH	RRCCConnectionRelease
13114.	16:03:45.837						6.6	30200.	RRCSM	LTE FDD	Downlink	16:03:48.083	PCCH	Paging
13115.	16:03:47.313	Serving	B3	1800	1300	143	-103.7	30201.	L3SM	LTE FDD	Uplink	16:03:48.084		EXTENDED_SERVICE_REQUEST
13116.	16:03:47.313						2	30202.	RRCSM	LTE FDD	Uplink	16:03:48.084	CCCH	RRCCConnectionRequest
13117.	16:03:48.190	Serving	B3	1800	1300	143	-106.1	30203.	RRCSM	LTE FDD	Downlink	16:03:48.155	CCCH	RRCCConnectionSetup
13118.	16:03:48.190						4.8	30204.	RRCSM	LTE FDD	Uplink	16:03:48.158	DCCH	RRCCConnectionSetupComplete
13119.	16:03:48.539	Serving	B3	1800	1300	143	-103.6	30205.	RRCSM	LTE FDD	Downlink	16:03:48.203	DCCH	SecurityModeCommand
13120.	16:03:48.539						2.3	30206.	RRCSM	LTE FDD	Uplink	16:03:48.204	DCCH	SecurityModeComplete
13121.	16:03:55.021	Serving	B3	1800	1300	143	-104.6	30207.	RRCSM	LTE FDD	Downlink	16:03:48.218	DCCH	UECapabilityEnquiry
13122.	16:03:55.021							30208.	RRCSM	LTE FDD	Uplink	16:03:48.219	DCCH	UECapabilityInformation
13123.	16:03:55.309	Serving	B3	1800	1300	143	-105.6	30209.	RRCSM	UMTS FDD	Uplink	16:03:48.219		INTER_RAT_HANDOVER_INFO
13124.	16:03:55.309						-0.3	30210.	RRCSM	LTE FDD	Downlink	16:03:48.249	DCCH	RRCCConnectionReconfiguration
13125.	16:03:56.311	Serving	B3	1800	1300	143	-105.7	30211.	RRCSM	LTE FDD	Uplink	16:03:48.260	DCCH	RRCCConnectionReconfigurationComplete
13126.	16:03:56.311						2.9	30212.	RRCSM	LTE FDD	Downlink	16:03:48.282	DCCH	RRCCConnectionReconfiguration
13127.	16:03:57.379	Serving	B3	1800	1300	143	-105.5	30213.	RRCSM	LTE FDD	Uplink	16:03:48.282	DCCH	RRCCConnectionReconfigurationComplete
13128.	16:03:57.379						2.5	30214.	RRCSM	LTE FDD	Uplink	16:03:48.428	DCCH	MeasurementReport
13129.	16:03:58.816	Serving	B3	1800	1300	143	-102.5	30215.	RRCSM	LTE FDD	Downlink	16:03:48.459	DCCH	RRCCConnectionRelease
13130.	16:03:58.816						-3.5	30216.	RRCSM	UMTS FDD	Downlink	16:03:48.792	BCCH_BCH	SYSTEM_INFORMATION_BCH

Analysis:

- On MT End, During the setup fail, UE was latched with PCI 143 and RF condition RSRP -105.1 dBm is poor and SINR 10.8 dB which is ok.
- As per the analysis call failed happened due to poor coverage of the network.

Phase-1 Call Drop Analysis 1 From MS11 CWS MO

	Time	System	Serving band	Call	Time	RxLev sub	ARFCN	BSIC	RXQ sub
1.	14:30:31.888	GSM	900	Voi	890.	14:30:07.396	-96	26	26
					891.	14:30:07.843	-97	26	26
					892.	14:30:08.369	-97	26	26
					893.	14:30:08.803	-98	26	26
					894.	14:30:09.430	-97	26	26
					895.	14:30:09.869	-98	26	26
					896.	14:30:10.487	-98	26	26
					897.	14:30:11.203	-98	26	26
					898.	14:30:12.163	-98	26	26
					899.	14:30:13.123	-98	26	26
					900.	14:30:13.667	-99	26	26
					901.	14:30:14.394	-97	26	26
					902.	14:30:14.563	-98	26	26
					903.	14:30:14.563			7
					904.	14:30:15.043			7
					905.	14:30:15.287	-98	26	26
					906.	14:30:15.587	-99	26	26
					907.	14:30:16.390	-99	26	26
					908.	14:30:16.963	-97	26	26
					909.	14:30:17.443			6
					910.	14:30:17.687	-97	26	26
					911.	14:30:17.923			4
					912.	14:30:18.397	-93	26	26
					913.	14:30:18.403			5
					914.	14:30:18.883			7
					915.	14:30:18.887	-98	26	26
					916.	14:30:19.396	-98	26	26
					917.	14:30:19.843	-96	26	26
					918.	14:30:20.397	-98	26	26
					919.	14:30:20.867	-98	26	26
					920.	14:30:21.397	-98	26	26
					921.	14:30:21.846	-98	26	26
					922.	14:30:22.427	-99	26	26
					923.	14:30:22.930	-97	26	26
					924.	14:30:23.470	-99	26	26

	System	Transf. dir.	Time	Subchannel	Message name
					3140. GSM Uplink 14:30:10.243 SACCH MEASUREMENT_REPORT
					3141. GSM Uplink 14:30:10.723 SACCH MEASUREMENT_REPORT
					3142. GSM Uplink 14:30:11.203 SACCH MEASUREMENT_REPORT
					3143. GSM Uplink 14:30:11.683 SACCH MEASUREMENT_REPORT
					3144. GSM Uplink 14:30:12.163 SACCH MEASUREMENT_REPORT
					3145. GSM Uplink 14:30:12.643 SACCH MEASUREMENT_REPORT
					3146. GSM Uplink 14:30:13.123 SACCH MEASUREMENT_REPORT
					3147. GSM Uplink 14:30:13.603 SACCH MEASUREMENT_REPORT
					3148. GSM Uplink 14:30:14.083 SACCH MEASUREMENT_REPORT
					3149. GSM Downlink 14:30:14.517 SACCH MEASUREMENT_INFORMATION
					3150. GSM Uplink 14:30:14.563 SACCH MEASUREMENT_REPORT
					3151. GSM Uplink 14:30:15.043 SACCH MEASUREMENT_REPORT
					3152. GSM Uplink 14:30:15.523 SACCH MEASUREMENT_REPORT
					3153. GSM Uplink 14:30:16.003 SACCH MEASUREMENT_REPORT
					3154. GSM Uplink 14:30:16.483 SACCH MEASUREMENT_REPORT
					3155. GSM Uplink 14:30:16.963 SACCH MEASUREMENT_REPORT
					3156. GSM Downlink 14:30:17.397 SACCH SYSTEM_INFORMATION_TYPE_5TER
					3157. GSM Uplink 14:30:17.443 SACCH MEASUREMENT_REPORT
					3158. GSM Downlink 14:30:17.877 SACCH SYSTEM_INFORMATION_TYPE_6
					3159. GSM Uplink 14:30:17.923 SACCH MEASUREMENT_REPORT
					3160. GSM Downlink 14:30:18.357 SACCH MEASUREMENT_INFORMATION
					3161. GSM Uplink 14:30:18.403 SACCH MEASUREMENT_REPORT
					3162. GSM Uplink 14:30:18.883 SACCH MEASUREMENT_REPORT
					3163. GSM Uplink 14:30:19.363 SACCH MEASUREMENT_REPORT
					3164. GSM Uplink 14:30:19.843 SACCH MEASUREMENT_REPORT
					3165. GSM Uplink 14:30:20.323 SACCH MEASUREMENT_REPORT
					3166. GSM Uplink 14:30:20.803 SACCH MEASUREMENT_REPORT
					3167. GSM Downlink 14:30:21.237 SACCH SYSTEM_INFORMATION_TYPE_5TER
					3168. GSM Uplink 14:30:21.283 SACCH MEASUREMENT_REPORT
					3169. GSM Uplink 14:30:21.763 SACCH MEASUREMENT_REPORT
					3170. GSM Uplink 14:30:22.243 SACCH MEASUREMENT_REPORT
					3171. GSM Uplink 14:30:22.723 SACCH MEASUREMENT_REPORT
					3172. GSM Uplink 14:30:23.203 SACCH MEASUREMENT_REPORT
					3173. GSM Uplink 14:30:23.683 SACCH MEASUREMENT_REPORT
					3174. GSM Uplink 14:30:24.163 SACCH MEASUREMENT_REPORT

Analysis:

- This call drop event occurred on long call at 14:30:31:888 time when UE was latched with 2G network.
- After getting Alerting message at 14:28:53:158 time than Call drop happened.
- During the session UE was latched with ARFCN 25 and RF condition Rx Level -97 dBm and Rx Qual 7 dB both are poor.
- As per the analysis call drop happened due to poor coverage of the network.

Phase-2 Call Drop & Call Attempt Failure Airtel , CWS Summary

Call Attempt Failure cause from Airtel	Count
Total Call Attempt Failure	2
Poor Coverage	2

Call Attempt Failure cause from CWS	Count
Total Call Attempt Failure	2
Poor Coverage	1
Network End	1

Call Drop cause from Airtel	Count
Total Call Drop	4
Poor quality	1

Call Drop cause from CWS	Count
Total Call Drop	1
Poor quality	1

Phase-2 Call Attempt Failure Analysis 1 From MS5 Airtel MO

	Time	System	Serving band	Cal	1. best active RSCP	Time	Ch	SC	1. best active Ec/NO		Transf. dir.	Time	Subchannel	Message name	
1.	12:28:46.240	UMTS FDD	2100	No	11295.	12:28:38.601	10588	328	-7.3		26199.	Uplink	12:28:28.661	DCCH	SETUP
2.	12:33:39.214	UMTS FDD	2100	No	11296.	-107	12:28:39.151	10588	328		26200.	Uplink	12:28:28.673	DCCH	MEASUREMENT_REPORT
					11297.		12:28:39.151	10588	328	-9.8	26201.	Downlink	12:28:28.680	DCCH	DOWNLINK_DIRECT_TRANSFER
					11298.	-102.6	12:28:39.593	10588	328		26202.	Downlink	12:28:28.680	DCCH	SERVICE_ACCEPT
					11299.		12:28:39.593	10588	328	-8.8	26203.	Downlink	12:28:28.800	DCCH	RADIO_BEARER_SETUP
					11300.	-107	12:28:40.133	10588	328		26204.	Downlink	12:28:28.820	DCCH	DOWNLINK_DIRECT_TRANSFER
					11301.		12:28:40.133	10588	328	-11.5	26205.	Downlink	12:28:28.820	DCCH	CALL_PROCEEDING
					11302.	-112.6	12:28:40.601	10588	328		26206.	Uplink	12:28:29.172	DCCH	RADIO_BEARER_SETUP_COMPLETE
					11303.		12:28:40.601	10588	328	-15.9	26207.	Uplink	12:28:29.322	DCCH	MEASUREMENT_REPORT
					11304.	-96.7	12:28:41.310	10588	328		26208.	Downlink	12:28:29.400	DCCH	MEASUREMENT_CONTROL
					11305.		12:28:41.310	10588	328	-6.1	26209.	Downlink	12:28:29.440	DCCH	MEASUREMENT_CONTROL
					11306.	-100.1	12:28:41.650	10588	328		26210.	Downlink	12:28:29.560	DCCH	RADIO_BEARER_RECONFIGURATION
					11307.		12:28:41.650	10588	328	-8.9	26211.	Uplink	12:28:29.602	DCCH	RADIO_BEARER_RECONFIGURATION_COMPLETE
					11308.	-93.6	12:28:42.304	10588	328		26212.	Downlink	12:28:29.920	DCCH	PHYSICAL_CHANNEL_RECONFIGURATION
					11309.		12:28:42.304	10588	328	-7.6	26213.	Uplink	12:28:29.962	DCCH	PHYSICAL_CHANNEL_RECONFIGURATION_COMPLETE
					11310.	-98.1	12:28:42.653	10588	51		26214.	Uplink	12:28:30.682	DCCH	MEASUREMENT_REPORT
					11311.		12:28:42.653	10588	51	-6.4	26215.	Uplink	12:28:30.723	DCCH	MEASUREMENT_REPORT
					11312.	-94.3	12:28:43.212	10588	51		26216.	Downlink	12:28:30.760	DCCH	MEASUREMENT_CONTROL
					11313.		12:28:43.212	10588	51	-6.8	26217.	Downlink	12:28:31.799	DCCH	MEASUREMENT_CONTROL
					11314.	-96.5	12:28:43.814	10588	51		26218.	Uplink	12:28:34.209	DCCH	MEASUREMENT_REPORT
					11315.		12:28:43.814	10588	51	-5.9	26219.	Downlink	12:28:34.240	DCCH	RADIO_BEARER_RELEASE
					11316.	-102.6	12:28:44.203	10588	328		26220.	Uplink	12:28:34.643	DCCH	RADIO_BEARER_RELEASE_COMPLETE
					11317.		12:28:44.203	10588	328	-8.9	26221.	Downlink	12:28:34.750	DCCH	MEASUREMENT_CONTROL
					11318.	-104.5	12:28:44.943	10588	328		26222.	Downlink	12:28:34.760	DCCH	MEASUREMENT_CONTROL
					11319.		12:28:44.943	10588	328	-9.3	26223.	Downlink	12:28:34.780	DCCH	RADIO_BEARER_RECONFIGURATION
					11320.	-98.9	12:28:45.450	10588	328		26224.	Uplink	12:28:34.802	DCCH	RADIO_BEARER_RECONFIGURATION_COMPLETE
					11321.		12:28:45.450	10588	328	-7.7	26225.	Downlink	12:28:34.950	DCCH	ACTIVE_SET_UPDATE
					11322.	-100.4	12:28:45.943	10588	328		26226.	Uplink	12:28:34.972	DCCH	ACTIVE_SET_UPDATE_COMPLETE
					11323.		12:28:45.943	10588	328	-7.7	26227.	Downlink	12:28:35.110	DCCH	MEASUREMENT_CONTROL
					11324.	-99	12:28:46.392	10588	328		26228.	Downlink	12:28:35.240	DCCH	RADIO_BEARER_SETUP
					11325.		12:28:46.392	10588	328	-7.8	26229.	Uplink	12:28:35.593	DCCH	RADIO_BEARER_SETUP_COMPLETE
					11326.	-100.1	12:28:46.990	10588	328		26230.	Uplink	12:28:35.697	DCCH	INITIAL_DIRECT_TRANSFER
					11327.		12:28:46.990	10588	328	-6.9	26231.	Uplink	12:28:35.697	DCCH	SERVICE_REQUEST
					11328.	-101.9	12:28:47.354	10588	328		26232.	Downlink	12:28:35.880	DCCH	RADIO_BEARER_RECONFIGURATION
					11329.		12:28:47.354	10588	328	-8.7	26233.	Uplink	12:28:35.922	DCCH	RADIO_BEARER_RECONFIGURATION_COMPLETE
					11330.	-109.3	12:28:47.948	10588	51		26234.	Downlink	12:28:35.960	DCCH	DOWNLINK_DIRECT_TRANSFER
					11331.		12:28:47.948	10588	51	-10.9	26235.	Downlink	12:28:35.960	DCCH	PROGRESS

Analysis:

- This call failure event occurred on short call at 12:28:46:240 time when UE was latched with 3G network.
- After sending "CM Service Request" message to core network, then core network responds with "Call Proceeding" message. After that call setup has been failed.
- During the failure, UE was latched with PSC 328 and RF condition RSCP -100.4 dBm is poor and Ec/No -7.7 dB are very good.
- As per the analysis call failed happened due to poor coverage of the network.

Phase-2 Call Attempt Failure Analysis 2 From MS5 Airtel MO

	Time	System	Serving band	Cal	1. best active RSCP	Time	Ch	SC	1. best active Ec/NO		Transf. dir.	Time	Subchannel	Message name	
1.	12:28:46.240	UMTS FDD	2100	Nor	11862.	-107.9	12:33:29.411	10588	328		27763.	Downlink	12:33:21.744	DCCH	MEASUREMENT_CONTROL
2.	12:33:39.214	UMTS FDD	2100	Nor	11863.		12:33:29.411	10588	328	-11.5	27764.	Downlink	12:33:21.754	DCCH	MEASUREMENT_CONTROL
					11864.	-103.2	12:33:30.057	10588	328		27765.	Downlink	12:33:21.764	DCCH	MEASUREMENT_CONTROL
					11865.		12:33:30.057	10588	328	-7.3	27766.	Downlink	12:33:21.804	DCCH	DOWNLINK_DIRECT_TRANSFER
					11866.	-111.2	12:33:30.575	10588	328		27767.	Downlink	12:33:21.804	DCCH	AUTHENTICATION_REQUEST
					11867.		12:33:30.575	10588	307	-12.8	27768.	Uplink	12:33:21.897	DCCH	UPLINK_DIRECT_TRANSFER
					11868.	-109.7	12:33:31.039	10588	328		27769.	Uplink	12:33:21.897	DCCH	AUTHENTICATION_RESPONSE
					11869.		12:33:31.039	10588	328	-10.4	27770.	Downlink	12:33:22.004	DCCH	SECURITY_MODE_COMMAND
					11870.	-111.2	12:33:31.425	10588	328		27771.	Uplink	12:33:22.004	DCCH	SECURITY_MODE_COMPLETE
					11871.		12:33:31.425	10588	328	-13	27772.	Downlink	12:33:22.104	DCCH	DOWNLINK_DIRECT_TRANSFER
					11872.	-117.6	12:33:32.017	10588	328		27773.	Downlink	12:33:22.104	DCCH	IDENTITY_REQUEST
					11873.		12:33:32.017	10588	328	-19.5	27774.	Uplink	12:33:22.105	DCCH	UPLINK_DIRECT_TRANSFER
					11874.	-110	12:33:32.627	10588	328		27775.	Uplink	12:33:22.105	DCCH	IDENTITY_RESPONSE
					11875.		12:33:32.627	10588	328	-11.8	27776.	Downlink	12:33:22.214	DCCH	DOWNLINK_DIRECT_TRANSFER
					11876.	-102.2	12:33:33.334	10588	328		27777.	Downlink	12:33:22.214	DCCH	LOCATION_UPDATING_ACCEPT
					11877.		12:33:33.334	10588	328	-7.2	27778.	Uplink	12:33:22.215	DCCH	UPLINK_DIRECT_TRANSFER
					11878.	-109.2	12:33:33.699	10588	307		27779.	Uplink	12:33:22.215	DCCH	CM_SERVICE_REQUEST
					11879.		12:33:33.699	10588	307	-9.3	27780.	Downlink	12:33:22.334	DCCH	DOWNLINK_DIRECT_TRANSFER
					11880.	-108	12:33:34.367	10588	328		27781.	Downlink	12:33:22.334	DCCH	CM_SERVICE_ACCEPT
					11881.		12:33:34.367	10588	328	-9.9	27782.	Uplink	12:33:22.335	DCCH	UPLINK_DIRECT_TRANSFER
					11882.	-107.3	12:33:34.895	10588	307		27783.	Uplink	12:33:22.335	DCCH	SETUP
					11883.		12:33:34.895	10588	328	-8	27784.	Downlink	12:33:22.464	DCCH	DOWNLINK_DIRECT_TRANSFER
					11884.	-104.9	12:33:35.344	10588	328		27785.	Downlink	12:33:22.464	DCCH	CALL_PROCEEDING
					11885.		12:33:35.344	10588	328	-7.6	27786.	Uplink	12:33:23.066	DCCH	MEASUREMENT_REPORT
					11886.	-98.8	12:33:35.904	10588	328		27787.	Uplink	12:33:23.685	DCCH	MEASUREMENT_REPORT
					11887.		12:33:35.904	10588	328	-6.4	27788.	Downlink	12:33:28.244	DCCH	RADIO_BEARER_SETUP
					11888.	-103	12:33:36.347	10588	328		27789.	Uplink	12:33:28.327	DCCH	MEASUREMENT_REPORT
					11889.		12:33:36.347	10588	328	-8.2	27790.	Uplink	12:33:28.607	DCCH	RADIO_BEARER_SETUP_COMPLETE
					11890.	-106.7	12:33:36.904	10588	328		27791.	Downlink	12:33:28.894	DCCH	RADIO_BEARER_RECONFIGURATION
					11891.		12:33:36.904	10588	328	-9.3	27792.	Downlink	12:33:28.934	DCCH	DOWNLINK_DIRECT_TRANSFER
					11892.	-110.3	12:33:37.395	10588	328		27793.	Downlink	12:33:28.934	DCCH	PROGRESS
					11893.		12:33:37.395	10588	328	-10.3	27794.	Uplink	12:33:28.936	DCCH	RADIO_BEARER_RECONFIGURATION_COMPLETE
					11894.	-108.8	12:33:37.964	10588	328		27795.	Downlink	12:33:29.174	DCCH	ACTIVE_SET_UPDATE
					11895.		12:33:37.964	10588	328	-12	27796.	Uplink	12:33:29.186	DCCH	ACTIVE_SET_UPDATE_COMPLETE
					11896.	-101	12:33:38.384	10588	328		27797.	Downlink	12:33:29.534	DCCH	MEASUREMENT_CONTROL
					11897.		12:33:38.384	10588	328	-6.6	27798.	Downlink	12:33:29.694	DCCH	MEASUREMENT_CONTROL

Analysis:

- This call failure event occurred on short call at 12:33:39:214 time when UE was latched with 3G network.
- After sending "CM Service Request" message to core network, then core network responds with "Call Proceeding" message. After that call setup has been failed.
- During the failure, UE was latched with PSC 307 and RF condition RSCP -111.2 dBm and Ec/No -10.4 dB are very poor.
- As per the analysis call failed happened due to poor coverage of the network.

Phase-2 Call Attempt Failure Analysis 1 From MS7 CWS MO

	Time	System	Serving band		Time	RxLev sub	ARFCN	BSIC	LAC	RAC	RXQ sub	▲	Event ID	System	Transf. dir.	Time	Subchannel	Message name	
1.	12:35:10.055	GSM	900	Cal	1200.	12:34:57.248					3		19431.	L3SM	GSM	Downlink	12:34:47.149	DCCH	IDENTITY_REQUEST
2.	13:08:16.615	UMTS FDD	2100	Dro	1201.	12:34:57.719					3		19432.	L3SM	GSM	Uplink	12:34:47.149	DCCH	IDENTITY_RESPONSE
					1202.	12:34:57.741	-92	20	20	1			19433.	L3SM	GSM	Uplink	12:34:47.362	SACCH	MEASUREMENT_REPORT
					1203.	12:34:58.189					2		19434.	L3SM	GSM	Downlink	12:34:47.385	DCCH	MM_STATUS
					1204.	12:34:58.660					6		19435.	L3SM	GSM	Downlink	12:34:47.532	SACCH	SYSTEM_INFORMATION_TYPE_6
					1205.	12:34:58.683	-96	20	20	1			19436.	L3SM	GSM	Downlink	12:34:47.620	DCCH	IDENTITY_REQUEST
					1206.	12:34:59.154	-95	20	20	1			19437.	L3SM	GSM	Uplink	12:34:47.620	DCCH	IDENTITY_RESPONSE
					1207.	12:34:59.601					7		19438.	L3SM	GSM	Uplink	12:34:47.832	SACCH	MEASUREMENT_REPORT
					1208.	12:34:59.624	-96	20	20	1			19439.	L3SM	GSM	Downlink	12:34:47.855	DCCH	CIPHERING_MODE_COMMAND
					1209.	12:35:00.072					5		19440.	L3SM	GSM	Uplink	12:34:47.860	DCCH	CIPHERING_MODE_COMPLETE
					1210.	12:35:00.145	-95	20	20	1			19441.	L3SM	GSM	Downlink	12:34:48.003	SACCH	SYSTEM_INFORMATION_TYPE_5
					1211.	12:35:00.543					7		19442.	L3SM	GSM	Downlink	12:34:48.091	DCCH	LOCATION_UPDATING_ACCEPT
					1212.	12:35:00.714	-97	20	20	1			19443.	L3SM	GSM	Uplink	12:34:48.091	DCCH	TMSI_REALLOCATION_COMPLETE
					1213.	12:35:01.272	-97	20	20	1			19444.	L3SM	GSM	Uplink	12:34:48.092	DCCH	CM_SERVICE_REQUEST
					1214.	12:35:01.507	-97	20	20	1			19445.	L3SM	GSM	Uplink	12:34:48.303	SACCH	MEASUREMENT_REPORT
					1215.	12:35:02.376	-98	20	20	1			19446.	L3SM	GSM	Downlink	12:34:48.474	SACCH	SYSTEM_INFORMATION_TYPE_5
					1216.	12:35:03.068	-99	20	20	1			19447.	L3SM	GSM	Downlink	12:34:48.561	DCCH	CM_SERVICE_ACCEPT
					1217.	12:35:03.392	-98	20	20	1			19448.	L3SM	GSM	Uplink	12:34:48.562	DCCH	SETUP
					1218.	12:35:04.032	-99	20	20	1			19449.	L3SM	GSM	Uplink	12:34:48.774	SACCH	MEASUREMENT_REPORT
					1219.	12:35:04.376	-99	20	20	1			19450.	L3SM	GSM	Downlink	12:34:48.944	SACCH	SYSTEM_INFORMATION_TYPE_6
					1220.	12:35:05.034	-99	20	20	1			19451.	L3SM	GSM	Downlink	12:34:49.032	DCCH	CALL_PROCEEDING
					1221.	12:35:05.533	-98	20	20	1			19452.	L3SM	GSM	Uplink	12:34:49.245	SACCH	MEASUREMENT_REPORT
					1222.	12:35:06.034	-99	20	20	1			19453.	L3SM	GSM	Downlink	12:34:49.415	SACCH	SYSTEM_INFORMATION_TYPE_5
					1223.	12:35:06.663	-99	20	20	1			19454.	L3SM	GSM	Uplink	12:34:49.716	SACCH	MEASUREMENT_REPORT
					1224.	12:35:07.605	-99	20	20	1			19455.	L3SM	GSM	Downlink	12:34:49.886	SACCH	SYSTEM_INFORMATION_TYPE_5
					1225.	12:35:08.098	-99	20	20	1			19456.	L3SM	GSM	Uplink	12:34:50.186	SACCH	MEASUREMENT_REPORT
					1226.	12:35:08.717	-99	20	20	1			19457.	L3SM	GSM	Downlink	12:34:50.357	SACCH	SYSTEM_INFORMATION_TYPE_6
					1227.	12:35:09.209	-99	20	20	1			19458.	L3SM	GSM	Uplink	12:34:50.657	SACCH	MEASUREMENT_REPORT
					1228.	12:35:09.209							19459.	L3SM	GSM	Downlink	12:34:50.828	SACCH	SYSTEM_INFORMATION_TYPE_5
					1229.	12:35:12.963	-70	3	18	1	0		19460.	L3SM	GSM	Uplink	12:34:51.128	SACCH	MEASUREMENT_REPORT
					1230.	12:35:13.350	-70	3	18	1	0		19461.	L3SM	GSM	Downlink	12:34:51.298	SACCH	SYSTEM_INFORMATION_TYPE_5
					1231.	12:35:14.034	-69	3	18	1	0		19462.	L3SM	GSM	Uplink	12:34:51.599	SACCH	MEASUREMENT_REPORT
					1232.	12:35:14.434	-69	3	18	1	0		19463.	L3SM	GSM	Downlink	12:34:51.769	SACCH	SYSTEM_INFORMATION_TYPE_6
					1233.	12:35:15.035	-69	3	18	1	0		19464.	L3SM	GSM	Uplink	12:34:52.069	SACCH	MEASUREMENT_REPORT
					1234.	12:35:15.481	-69	3	18	1	0		19465.	L3SM	GSM	Downlink	12:34:52.240	SACCH	SYSTEM_INFORMATION_TYPE_5
					1235.	12:35:16.035	-69	3	18	1	0		19466.	L3SM	GSM	Uplink	12:34:52.540	SACCH	MEASUREMENT_REPORT
					1236.	12:35:16.454	-70	3	18	1	0		19467.	L3SM	GSM	Downlink	12:34:52.711	SACCH	SYSTEM_INFORMATION_TYPE_5

- Analysis:**
- This call failure event occurred on short call at 12:35:10:055 time when UE was latched with 3G network.
 - After sending "CM Service Request" message to core network, then core network responds with "Call Proceeding" message. After that call setup has been failed.
 - During the session UE was latched with ARFCN 20 and RF condition Rx Level -99 dBm and Rx Qual 7 dB both are poor.
 - As per the analysis call failed happened due to poor coverage of the network.

Phase-2 Call Attempt Failure Analysis 2 From MS7 CWS MO

	Time	System	Serving band		1. best active RSCP	Time	Ch	SC	1. best active Ec/NO		Event ID	System	Transf. dir.	Time	Subchannel	Message name
1.	12:35:10.055	GSM	900	Call	8526.				-4.8		25510.	RRC	Uplink	13:08:07.965	DCCH	UPLINK_DIRECT_TRANSFER
2.	13:08:16.615	UMTS FDD	2100	Drop	8527.	-72	13:08:08.281	10690	359		25511.	L3SM	Uplink	13:08:07.965	DCCH	TMSI_REALLOCATION_COMPLETE
					8528.		13:08:08.281	10690	359	-3.9	25512.	RRC	Downlink	13:08:08.084	DCCH	DOWNLINK_DIRECT_TRANSFER
					8529.	-72	13:08:08.985	10690	359		25513.	L3SM	Downlink	13:08:08.084	DCCH	CALL_PROCEEDING
					8530.		13:08:08.985	10690	359	-4.7	25514.	RRC	Downlink	13:08:11.544	DCCH	RADIO_BEARER_SETUP
					8531.	-72	13:08:09.237	10690	359		25515.	RRC	Uplink	13:08:11.817	DCCH	RADIO_BEARER_SETUP_COMPLETE
					8532.		13:08:09.237	10690	359	-4.5	25516.	RRC	Downlink	13:08:12.064	DCCH	MEASUREMENT_CONTROL
					8533.	-72	13:08:09.985	10690	359		25517.	RRC	Downlink	13:08:12.104	DCCH	MEASUREMENT_CONTROL
					8534.		13:08:09.985	10690	359	-5	25518.	RRC	Downlink	13:08:12.144	DCCH	MEASUREMENT_CONTROL
					8535.	-72	13:08:10.376	10690	359		25519.	RRC	Downlink	13:08:12.184	DCCH	MEASUREMENT_CONTROL
					8536.		13:08:10.376	10690	359	-4.7	25520.	RRC	Downlink	13:08:12.344	DCCH	DOWNLINK_DIRECT_TRANSFER
					8537.	-72	13:08:10.677	10690	359		25521.	L3SM	Downlink	13:08:12.344	DCCH	AUTHENTICATION_AND_CIPHER
					8538.		13:08:10.677	10690	359	-6	25522.	RRC	Uplink	13:08:12.382	DCCH	UPLINK_DIRECT_TRANSFER
					8539.	-71.4	13:08:11.485	10690	359		25523.	L3SM	Uplink	13:08:12.382	DCCH	AUTHENTICATION_AND_CIPHER
					8540.		13:08:11.485	10690	359	-3.4	25524.	RRC	Downlink	13:08:12.784	DCCH	SECURITY_MODE_COMMAND
					8541.	-73.2	13:08:12.002	10690	359		25525.	RRC	Uplink	13:08:12.784	DCCH	SECURITY_MODE_COMPLETE
					8542.		13:08:12.002	10690	359	-4.3	25526.	RRC	Uplink	13:08:13.356	DCCH	MEASUREMENT_REPORT
					8543.	-72.5	13:08:12.306	10690	359		25527.	RRC	Uplink	13:08:13.406	DCCH	MEASUREMENT_REPORT
					8544.		13:08:12.306	10690	359	-3.3	25528.	RRC	Downlink	13:08:13.424	DCCH	DOWNLINK_DIRECT_TRANSFER
					8545.	-72.8	13:08:13.025	10690	359		25529.	L3SM	Downlink	13:08:13.424	DCCH	ROUTING_AREA_UPDATE_ACCEPT
					8546.		13:08:13.025	10690	359	-3.9	25530.	RRC	Uplink	13:08:13.426	DCCH	UPLINK_DIRECT_TRANSFER
					8547.	-72.4	13:08:13.485	10690	359		25531.	L3SM	Uplink	13:08:13.426	DCCH	ROUTING_AREA_UPDATE_COMPLETE
					8548.		13:08:13.485	10690	359	-3.9	25532.	RRC	Uplink	13:08:13.429	DCCH	UPLINK_DIRECT_TRANSFER
					8549.	-70.3	13:08:13.985	10690	359		25533.	L3SM	Uplink	13:08:13.429	DCCH	SERVICE_REQUEST
					8550.		13:08:13.985	10690	359	-3.2	25534.	RRC	Downlink	13:08:13.744	DCCH	DOWNLINK_DIRECT_TRANSFER
					8551.	-70.6	13:08:14.485	10690	359		25535.	L3SM	Downlink	13:08:13.744	DCCH	SERVICE_ACCEPT
					8552.		13:08:14.485	10690	359	-3.7	25536.	RRC	Downlink	13:08:14.064	DCCH	RADIO_BEARER_SETUP
					8553.	-69.4	13:08:15.206	10715	359		25537.	RRC	Uplink	13:08:14.773	DCCH	RADIO_BEARER_SETUP_COMPLETE
					8554.		13:08:15.206	10715	359	-3.1	25538.	RRC	Downlink	13:08:14.984	DCCH	MEASUREMENT_CONTROL
					8555.	-69.4	13:08:15.716	10690	359		25539.	RRC	Downlink	13:08:15.024	DCCH	MEASUREMENT_CONTROL
					8556.		13:08:15.716	10715	359	-3.5	25540.	RRC	Downlink	13:08:15.104	DCCH	DOWNLINK_DIRECT_TRANSFER
					8557.	-70.6	13:08:16.267	10715	359		25541.	L3SM	Downlink	13:08:15.104	DCCH	MODIFY_PDP_CONTEXT_REQUEST
					8558.		13:08:16.267	10715	359	-3.4	25542.	RRC	Uplink	13:08:15.105	DCCH	UPLINK_DIRECT_TRANSFER
					8559.	-71.3	13:08:16.765	10690	359		25543.	L3SM	Uplink	13:08:15.105	DCCH	MODIFY_PDP_CONTEXT_ACCEPT
					8560.		13:08:16.765	10715	359	-4.2	25544.	RRC	Uplink	13:08:16.267	DCCH	MEASUREMENT_REPORT
					8561.	-68.9	13:08:17.266	10690	359		25545.	RRC	Uplink	13:08:16.307	DCCH	MEASUREMENT_REPORT
					8562.		13:08:17.266	10715	359	-3.4	25546.	RRC	Downlink	13:08:16.504	DCCH	DOWNLINK_DIRECT_TRANSFER

- Analysis:**
- This call failure event occurred on short call at 13:08:16:615 time when UE was latched with 3G network.
 - After sending "CM Service Request" message to core network, then core network responds with "Call Proceeding" message. After that call setup has been failed.
 - During the failure, UE was latched with PSC 359 and RF condition RSCP -70.6 dBm and Ec/No -3.4 dB are very good.
 - Need to check at MT end.

Phase-2 Call Attempt Failure Analysis 2 From MS8 CWS MT

	1. best active RSCP	Time	Ch	SC	1. best active Ec/NO		Event ID	System	Transf. dir.	Time	Subchannel	Message name
6359.	-73	13:08:11.130	10690	359		24352.	RRCSM	UMTS FDD	Downlink	13:08:10.969	DCCH	MEASUREMENT_CONTROL
6360.		13:08:11.130	10690	359	-6.4	24353.	RRCSM	UMTS FDD	Downlink	13:08:10.989	DCCH	SECURITY_MODE_COMMAND
6361.	-73	13:08:11.630	10690	359		24354.	RRCSM	UMTS FDD	Uplink	13:08:10.989	DCCH	SECURITY_MODE_COMPLETE
6362.		13:08:11.630	10690	359	-6.2	24355.	RRCSM	UMTS FDD	Downlink	13:08:11.089	DCCH	DOWNLINK_DIRECT_TRANSFER
6363.	-73	13:08:12.141	10690	359		24356.	L3SM	UMTS FDD	Downlink	13:08:11.089	DCCH	TMSI_REALLOCATION_COMMAND
6364.		13:08:12.141	10690	359	-5.8	24357.	RRCSM	UMTS FDD	Uplink	13:08:11.090	DCCH	UPLINK_DIRECT_TRANSFER
6365.	-73	13:08:12.631	10690	359		24358.	L3SM	UMTS FDD	Uplink	13:08:11.090	DCCH	TMSI_REALLOCATION_COMPLETE
6366.		13:08:12.631	10690	359	-5	24359.	RRCSM	UMTS FDD	Downlink	13:08:11.199	DCCH	DOWNLINK_DIRECT_TRANSFER
6367.	-73	13:08:13.104	10690	359		24360.	L3SM	UMTS FDD	Downlink	13:08:11.199	DCCH	SETUP
6368.		13:08:13.104	10690	359	-5.8	24361.	RRCSM	UMTS FDD	Uplink	13:08:11.200	DCCH	UPLINK_DIRECT_TRANSFER
6369.	-74	13:08:14.001	10690	359		24362.	L3SM	UMTS FDD	Uplink	13:08:11.200	DCCH	CALL_CONFIRMED
6370.		13:08:14.001	10690	359	-5.9	24363.	RRCSM	UMTS FDD	Uplink	13:08:11.200	DCCH	UPLINK_DIRECT_TRANSFER
6371.	-72.1	13:08:14.130	10690	359		24364.	L3SM	UMTS FDD	Uplink	13:08:11.200	DCCH	ALERTING
6372.		13:08:14.130	10690	359	-5.8	24365.	RRCSM	UMTS FDD	Uplink	13:08:11.292	DCCH	MEASUREMENT_REPORT
6373.	-74.3	13:08:14.641	10690	359		24366.	RRCSM	UMTS FDD	Uplink	13:08:11.365	DCCH	UPLINK_DIRECT_TRANSFER
6374.		13:08:14.641	10690	359	-5.8	24367.	L3SM	UMTS FDD	Uplink	13:08:11.365	DCCH	CONNECT
6375.	-73.3	13:08:15.401	10690	359		24368.	RRCSM	UMTS FDD	Downlink	13:08:11.429	DCCH	ACTIVE_SET_UPDATE
6376.		13:08:15.401	10690	359	-6.9	24369.	RRCSM	UMTS FDD	Uplink	13:08:11.440	DCCH	ACTIVE_SET_UPDATE_COMPLETE
6377.	-74.2	13:08:16.001	10690	359		24370.	RRCSM	UMTS FDD	Downlink	13:08:15.999	DCCH	DOWNLINK_DIRECT_TRANSFER
6378.		13:08:16.001	10690	359	-6.4	24371.	L3SM	UMTS FDD	Downlink	13:08:15.999	DCCH	AUTHENTICATION_AND_CIPHERING_REQUEST
6379.	-72.9	13:08:16.291	10690	359		24372.	RRCSM	UMTS FDD	Uplink	13:08:16.037	DCCH	UPLINK_DIRECT_TRANSFER
6380.		13:08:16.291	10690	359	-6	24373.	L3SM	UMTS FDD	Uplink	13:08:16.037	DCCH	AUTHENTICATION_AND_CIPHERING_RESPONSE
6381.	-73	13:08:17.002	10690	359		24374.	RRCSM	UMTS FDD	Downlink	13:08:17.840	BCCH_BCH	SYSTEM_INFORMATION_BCH
6382.		13:08:17.002	10690	359	-6	24375.	RRCSM	UMTS FDD	Downlink	13:08:17.840	BCCH	SYSTEM_INFORMATION_BLOCK_TYPE_2
6383.	-72.3	13:08:17.604	10690	359		24376.	RRCSM	UMTS FDD	Downlink	13:08:17.840	BCCH	SYSTEM_INFORMATION_BLOCK_TYPE_3
6384.		13:08:17.604	10690	359	-5.5	24377.	RRCSM	UMTS FDD	Downlink	13:08:17.860	BCCH_BCH	SYSTEM_INFORMATION_BCH
6385.	-72.6	13:08:18.000	10690	359		24378.	RRCSM	UMTS FDD	Downlink	13:08:17.880	BCCH_BCH	SYSTEM_INFORMATION_BCH
6386.		13:08:18.000	10690	359	-5.8	24379.	RRCSM	UMTS FDD	Downlink	13:08:17.900	BCCH_BCH	SYSTEM_INFORMATION_BCH
6387.	-72.9	13:08:18.562	10690	359		24380.	RRCSM	UMTS FDD	Downlink	13:08:17.900	BCCH	MASTER_INFORMATION_BLOCK
6388.		13:08:18.562	10690	359	-7	24381.	RRCSM	UMTS FDD	Downlink	13:08:17.900	BCCH	SYSTEM_INFORMATION_BLOCK_TYPE_7
6389.	-73.1	13:08:19.079	10690	359		24382.	RRCSM	UMTS FDD	Downlink	13:08:18.000	BCCH_BCH	SYSTEM_INFORMATION_BCH
6390.		13:08:19.079	10690	359	-5.5	24383.	RRCSM	UMTS FDD	Downlink	13:08:18.000	BCCH	SYSTEM_INFORMATION_BLOCK_TYPE_2
6391.	-74	13:08:19.610	10690	359		24384.	RRCSM	UMTS FDD	Downlink	13:08:18.000	BCCH	SYSTEM_INFORMATION_BLOCK_TYPE_3
6392.		13:08:19.610	10690	359	-5.6	24385.	RRCSM	UMTS FDD	Downlink	13:08:18.180	BCCH_BCH	SYSTEM_INFORMATION_BCH
6393.	-74	13:08:20.198	10690	359		24386.	RRCSM	UMTS FDD	Downlink	13:08:18.200	BCCH_BCH	SYSTEM_INFORMATION_BCH
6394.		13:08:20.198	10690	359	-5.7	24387.	RRCSM	UMTS FDD	Downlink	13:08:18.220	BCCH_BCH	SYSTEM_INFORMATION_BCH

Analysis:

- On MT End, During the setup fail, UE was latched with PSC 359 and RF condition RSCP -72.9 dBm and EC/NO -6 dB both are ok.
- Need to check from Network End.

Phase-2 Call Drop Analysis 1 From MS9 Airtel MO

	Time	System	Serving band	Call type		Time	RxLev sub	ARFCN	BSIC	LAC	RAC	RXQ sub		Transf. dir.	Time	Subchannel	Message name	
1.	11:40:46.766	GSM	900	Voice call	89.	11:40:17.362	-93	100	49	50000	4			3355.	Downlink	11:40:13.956	SACCH	MEASUREMENT_INFORMATION
2.	12:23:42.790	UMTS FDD	900	Voice call	90.	11:40:18.027	-92	100	49	50000	4			3356.	Uplink	11:40:14.002	SACCH	MEASUREMENT_REPORT
3.	12:25:58.580	UMTS FDD	900	Voice call	91.	11:40:18.345	-93	100	49	50000	4			3357.	Downlink	11:40:14.436	SACCH	SYSTEM_INFORMATION_TYPE_6
4.	12:29:56.199	GSM	900	Voice call	92.	11:40:19.033	-93	100	49	50000	4			3358.	Uplink	11:40:14.482	SACCH	MEASUREMENT_REPORT
					93.	11:40:19.305	-93	100	49	50000	4			3359.	Downlink	11:40:14.916	SACCH	SYSTEM_INFORMATION_TYPE_6
					94.	11:40:20.035	-95	100	49	50000	4			3360.	Uplink	11:40:14.962	SACCH	MEASUREMENT_REPORT
					95.	11:40:20.450	-93	100	49	50000	4			3361.	Uplink	11:40:15.442	SACCH	MEASUREMENT_REPORT
					96.	11:40:21.034	-95	100	49	50000	4			3362.	Downlink	11:40:15.876	SACCH	SYSTEM_INFORMATION_TYPE_5
					97.	11:40:21.202						6		3363.	Uplink	11:40:15.922	SACCH	MEASUREMENT_REPORT
					98.	11:40:21.682	-94	100	49	50000	4			3364.	Uplink	11:40:16.402	SACCH	MEASUREMENT_REPORT
					99.	11:40:21.682						7		3365.	Uplink	11:40:16.882	SACCH	MEASUREMENT_REPORT
					100.	11:40:22.642	-93	100	49	50000	4			3366.	Uplink	11:40:17.362	SACCH	MEASUREMENT_REPORT
					101.	11:40:23.122						6		3367.	Downlink	11:40:17.796	SACCH	SYSTEM_INFORMATION_TYPE_6
					102.	11:40:23.150	-92	100	49	50000	4			3368.	Uplink	11:40:17.842	SACCH	MEASUREMENT_REPORT
					103.	11:40:23.602	-93	100	49	50000	4			3369.	Uplink	11:40:18.322	SACCH	MEASUREMENT_REPORT
					104.	11:40:23.602						7		3370.	Uplink	11:40:18.802	SACCH	MEASUREMENT_REPORT
					105.	11:40:24.082	-94	100	49	50000	4			3371.	Uplink	11:40:19.282	SACCH	MEASUREMENT_REPORT
					106.	11:40:24.562	-94	100	49	50000	4			3372.	Uplink	11:40:19.762	SACCH	MEASUREMENT_REPORT
					107.	11:40:25.042	-94	100	49	50000	4			3373.	Downlink	11:40:20.196	SACCH	SYSTEM_INFORMATION_TYPE_6
					108.	11:40:25.975	-94	100	49	50000	4			3374.	Uplink	11:40:20.242	SACCH	MEASUREMENT_REPORT
					109.	11:40:26.482	-95	100	49	50000	4			3375.	Downlink	11:40:20.676	SACCH	SYSTEM_INFORMATION_TYPE_6
					110.	11:40:26.962	-94	100	49	50000	4			3376.	Uplink	11:40:20.722	SACCH	MEASUREMENT_REPORT
					111.	11:40:27.442	-95	100	49	50000	4			3377.	Downlink	11:40:21.156	SACCH	SYSTEM_INFORMATION_TYPE_5
					112.	11:40:28.034	-95	100	49	50000	4			3378.	Uplink	11:40:21.202	SACCH	MEASUREMENT_REPORT
					113.	11:40:28.947	-95	100	49	50000	4			3379.	Downlink	11:40:21.636	SACCH	SYSTEM_INFORMATION_TYPE_5
					114.	11:40:29.427	-94	100	49	50000	4			3380.	Uplink	11:40:21.682	SACCH	MEASUREMENT_REPORT
					115.	11:40:30.032	-94	100	49	50000	4			3381.	Uplink	11:40:22.162	SACCH	MEASUREMENT_REPORT
					116.	11:40:30.322	-95	100	49	50000	4			3382.	Downlink	11:40:22.596	SACCH	MEASUREMENT_INFORMATION
					117.	11:40:30.968	-94	100	49	50000	4			3383.	Uplink	11:40:22.642	SACCH	MEASUREMENT_REPORT
					118.	11:40:31.508	-95	100	49	50000	4			3384.	Downlink	11:40:23.076	SACCH	SYSTEM_INFORMATION_TYPE_6
					119.	11:40:32.035	-94	100	49	50000	4			3385.	Uplink	11:40:23.122	SACCH	MEASUREMENT_REPORT
					120.	11:40:32.722	-94	100	49	50000	4			3386.	Uplink	11:40:23.602	SACCH	MEASUREMENT_REPORT
					121.	11:40:33.682	-93	100	49	50000	4			3387.	Uplink	11:40:24.082	SACCH	MEASUREMENT_REPORT
					122.	11:40:34.642	-94	100	49	50000	4			3388.	Uplink	11:40:24.562	SACCH	MEASUREMENT_REPORT
					123.	11:40:35.122	-95	100	49	50000	4			3389.	Uplink	11:40:25.042	SACCH	MEASUREMENT_REPORT
					124.	11:40:35.667	-95	100	49	50000	4			3390.	Uplink	11:40:25.522	SACCH	MEASUREMENT_REPORT
					125.	11:40:36.087	-95	100	49	50000	4			3391.	Downlink	11:40:25.956	SACCH	SYSTEM_INFORMATION_TYPE_6

Analysis:

- This call drop event occurred on long call at 11:40:46:766 time when UE was latched with 2G network.
- After getting Alerting message at 11:39:50:838 time than Call drop happened.
- During the session UE was latched with ARFCN 100 and RF condition Rx Level -93 dBm is good and Rx Qual 7 dB is poor.
- As per the analysis call drop happened due to poor quality of the network.

Phase-2 Call Drop Analysis 2 From MS9 Airtel MO

	Time	System	Serving band	Call type	1. best active RSCP	Time	Ch	SC	1. best active Ec/NO	Event ID	System	Transf. dir.	Time	Subchannel	Message name	
1.	11:40:46.766	GSM	900	Voice call	10313. -97.9	12:23:37.459	3050	431		8941.	RRCSM	UMTS FDD	Downlink	12:22:54.629	DCCH	ACTIVE_SET_UPDATE
2.	12:23:42.790	UMTS FDD	900	Voice call	10314.	12:23:37.459	3050	431	-19.2	8942.	RRCSM	UMTS FDD	Uplink	12:22:54.641	DCCH	ACTIVE_SET_UPDATE_COMPLETE
3.	12:25:58.580	UMTS FDD	900	Voice call	10315. -100	12:23:38.039	3050	431		8943.	RRCSM	UMTS FDD	Downlink	12:22:54.909	DCCH	MEASUREMENT_CONTROL
4.	12:29:56.199	GSM	900	Voice call	10316.	12:23:38.039	3050	431	-21	8944.	RRCSM	UMTS FDD	Uplink	12:22:56.282	DCCH	MEASUREMENT_REPORT
					10317. -98.5	12:23:38.413	3050	447		8945.	RRCSM	UMTS FDD	Downlink	12:22:56.509	DCCH	ACTIVE_SET_UPDATE
					10318.	12:23:38.413	3050	447	-19.5	8946.	RRCSM	UMTS FDD	Uplink	12:22:56.541	DCCH	ACTIVE_SET_UPDATE_COMPLETE
					10319. -99.9	12:23:39.039	3050	431		8947.	RRCSM	UMTS FDD	Downlink	12:22:56.749	DCCH	MEASUREMENT_CONTROL
					10320.	12:23:39.039	3050	431	-20.5	8948.	RRCSM	UMTS FDD	Uplink	12:23:04.982	DCCH	MEASUREMENT_REPORT
					10321. -101.8	12:23:39.368	3050	431		8949.	RRCSM	UMTS FDD	Downlink	12:23:05.229	DCCH	ACTIVE_SET_UPDATE
					10322.	12:23:39.368	3050	431	-23.6	8950.	RRCSM	UMTS FDD	Uplink	12:23:05.241	DCCH	ACTIVE_SET_UPDATE_COMPLETE
					10323. -99.4	12:23:39.992	3050	431		8951.	RRCSM	UMTS FDD	Downlink	12:23:05.509	DCCH	MEASUREMENT_CONTROL
					10324.	12:23:39.992	3050	431	-20.5	8952.	RRCSM	UMTS FDD	Uplink	12:23:24.682	DCCH	MEASUREMENT_REPORT
					10325. -102.9	12:23:40.499	3050	431		8953.	RRCSM	UMTS FDD	Downlink	12:23:24.909	DCCH	ACTIVE_SET_UPDATE
					10326.	12:23:40.499	3050	431	-23.7	8954.	RRCSM	UMTS FDD	Uplink	12:23:24.941	DCCH	ACTIVE_SET_UPDATE_COMPLETE
					10327. -101.5	12:23:40.976	3050	431		8955.	RRCSM	UMTS FDD	Downlink	12:23:25.149	DCCH	MEASUREMENT_CONTROL
					10328.	12:23:40.976	3050	431	-22.2	8956.	RRCSM	UMTS FDD	Uplink	12:23:27.442	DCCH	MEASUREMENT_REPORT
					10329. -104.8	12:23:41.432	3050	447		8957.	RRCSM	UMTS FDD	Downlink	12:23:27.669	DCCH	ACTIVE_SET_UPDATE
					10330.	12:23:41.432	3050	447	-25.9	8958.	RRCSM	UMTS FDD	Uplink	12:23:27.681	DCCH	ACTIVE_SET_UPDATE_COMPLETE
					10331. -102.6	12:23:42.071	3050	447		8959.	RRCSM	UMTS FDD	Downlink	12:23:27.949	DCCH	MEASUREMENT_CONTROL
					10332.	12:23:42.071	3050	447	-23.8	8960.	RRCSM	UMTS FDD	Uplink	12:23:34.312	DCCH	MEASUREMENT_REPORT
					10333. -101.4	12:23:42.452	3050	431		8961.	RRCSM	UMTS FDD	Uplink	12:23:34.481	DCCH	MEASUREMENT_REPORT
					10334.	12:23:42.452	3050	431	-22.5	8962.	RRCSM	UMTS FDD	Downlink	12:23:34.829	DCCH	PHYSICAL_CHANNEL_RECONFIGURATION
					10335. -102.5	12:23:43.143	3050	431		8963.	RRCSM	UMTS FDD	Uplink	12:23:34.871	DCCH	PHYSICAL_CHANNEL_RECONFIGURATION_C
					10336.	12:23:43.143	3050	431	-23.9	8964.	RRCSM	UMTS FDD	Downlink	12:23:35.509	DCCH	MEASUREMENT_CONTROL
					10337. -102.1	12:23:43.639	3050	447		8965.	RRCSM	UMTS FDD	Uplink	12:23:36.001	DCCH	MEASUREMENT_REPORT
					10338.	12:23:43.639	3050	447	-23.7	8966.	RRCSM	UMTS FDD	Uplink	12:23:36.599	DCCH	MEASUREMENT_REPORT
					10339. -102	12:23:44.118	3050	447		8967.	RRCSM	UMTS FDD	Uplink	12:23:37.321	DCCH	MEASUREMENT_REPORT
					10340.	12:23:44.118	3050	447	-23.3	8968.	RRCSM	UMTS FDD	Downlink	12:23:42.789	DCCH	DOWNLINK_DIRECT_TRANSFER
					10341. -102.2	12:23:44.590	3050	431		8969.	L3SM	UMTS FDD	Downlink	12:23:42.789	DCCH	DISCONNECT
					10342.	12:23:44.590	3050	431	-23.1	8970.	RRCSM	UMTS FDD	Uplink	12:23:42.790	DCCH	UPLINK_DIRECT_TRANSFER
					10343. -102.3	12:23:45.099	3050	447		8971.	L3SM	UMTS FDD	Uplink	12:23:42.790	DCCH	RELEASE
					10344.	12:23:45.099	3050	447	-23.7	8972.	RRCSM	UMTS FDD	Uplink	12:23:42.889	DCCH	MEASUREMENT_REPORT
					10345. -102.7	12:23:45.672	3050	447		8973.	RRCSM	UMTS FDD	Downlink	12:23:43.029	DCCH	DOWNLINK_DIRECT_TRANSFER
					10346.	12:23:45.672	3050	447	-23.6	8974.	L3SM	UMTS FDD	Downlink	12:23:43.029	DCCH	RELEASE_COMPLETE
					10347. -104.2	12:23:46.108	3050	447		8975.	RRCSM	UMTS FDD	Downlink	12:23:48.282	BCCH_BCH	SYSTEM_INFORMATION_BCH
					10348.	12:23:46.108	3050	447	-24.9	8976.	RRCSM	UMTS FDD	Downlink	12:23:48.302	BCCH_BCH	SYSTEM_INFORMATION_BCH
					10349. -104.2	12:23:46.975	3050	431		8977.	RRCSM	UMTS FDD	Downlink	12:23:48.302	BCCH	MASTER_INFORMATION_BLOCK

- Analysis:**
- This call drop event occurred on long call at 12:23:42:790 time when UE was latched with 3G network.
 - After getting Alerting message at 12:22:01:750 time than Call drop happened.
 - During the session UE was latched with PSC 431 and RF condition RSCP -101.4 dBm and Ec/No -22.5 dB are very poor.
 - As per the analysis call drop happened due to poor quality of the network.

Phase-2 Call Drop Analysis 3 From MS9 Airtel MO

	Time	System	Serving band	Call type	1. best active RSCP	Time	Ch	SC	1. best active Ec/NO	Event ID	System	Transf. dir.	Time	Subchannel	Message name	
1.	11:40:46.766	GSM	900	Voice call	10585. -102.1	12:25:53.390	3050	46		9245.	RRCSM	UMTS FDD	Downlink	12:25:05.381	DCCCH	SIGNALLING_CONNECTION_RELEASE
2.	12:23:42.790	UMTS FDD	900	Voice call	10586.	12:25:53.390	3050	46	-23	9246.	RRCSM	UMTS FDD	Uplink	12:25:06.193	DCCCH	MEASUREMENT_REPORT
3.	12:25:58.580	UMTS FDD	900	Voice call	10587. -100.6	12:25:53.883	3050	46		9247.	RRCSM	UMTS FDD	Downlink	12:25:06.421	DCCCH	ACTIVE_SET_UPDATE
4.	12:29:56.199	GSM	900	Voice call	10588.	12:25:53.883	3050	46	-21.2	9248.	RRCSM	UMTS FDD	Uplink	12:25:06.452	DCCCH	ACTIVE_SET_UPDATE_COMPLETE
					10589.	12:25:54.379	3050	46	-99.4	9249.	RRCSM	UMTS FDD	Downlink	12:25:06.701	DCCCH	MEASUREMENT_CONTROL
					10590.	12:25:54.379	3050	46	-19.9	9250.	RRCSM	UMTS FDD	Uplink	12:25:08.023	DCCCH	MEASUREMENT_REPORT
					10591.	12:25:54.979	3050	46	-101.8	9251.	RRCSM	UMTS FDD	Uplink	12:25:12.234	DCCCH	MEASUREMENT_REPORT
					10592.	12:25:54.979	3050	46	-22.4	9252.	RRCSM	UMTS FDD	Downlink	12:25:12.501	DCCCH	ACTIVE_SET_UPDATE
					10593.	12:25:55.390	3050	307	-102.5	9253.	RRCSM	UMTS FDD	Uplink	12:25:12.513	DCCCH	ACTIVE_SET_UPDATE_COMPLETE
					10594.	12:25:55.390	3050	307	-22.6	9254.	RRCSM	UMTS FDD	Downlink	12:25:12.901	DCCCH	MEASUREMENT_CONTROL
					10595.	12:25:56.041	3050	307	-103.9	9255.	RRCSM	UMTS FDD	Uplink	12:25:15.922	DCCCH	MEASUREMENT_REPORT
					10596.	12:25:56.041	3050	307	-24.5	9256.	RRCSM	UMTS FDD	Uplink	12:25:28.692	DCCCH	MEASUREMENT_REPORT
					10597.	12:25:56.390	3050	46	-103	9257.	RRCSM	UMTS FDD	Uplink	12:25:31.302	DCCCH	MEASUREMENT_REPORT
					10598.	12:25:56.390	3050	46	-23.6	9258.	RRCSM	UMTS FDD	Uplink	12:25:34.063	DCCCH	MEASUREMENT_REPORT
					10599.	12:25:57.042	3050	46	-97.8	9259.	RRCSM	UMTS FDD	Downlink	12:25:34.301	DCCCH	ACTIVE_SET_UPDATE
					10600.	12:25:57.042	3050	46	-18.9	9260.	RRCSM	UMTS FDD	Uplink	12:25:34.332	DCCCH	ACTIVE_SET_UPDATE_COMPLETE
					10601.	12:25:57.522	3050	46	-98.9	9261.	RRCSM	UMTS FDD	Downlink	12:25:34.581	DCCCH	MEASUREMENT_CONTROL
					10602.	12:25:57.522	3050	46	-19.9	9262.	RRCSM	UMTS FDD	Uplink	12:25:43.935	DCCCH	MEASUREMENT_REPORT
					10603.	12:25:58.043	3050	46	-97.7	9263.	RRCSM	UMTS FDD	Downlink	12:25:44.261	DCCCH	PHYSICAL_CHANNEL_RECONFIGURATION
					10604.	12:25:58.043	3050	46	-18.9	9264.	RRCSM	UMTS FDD	Uplink	12:25:44.303	DCCCH	PHYSICAL_CHANNEL_RECONFIGURATION_C
					10605.	12:25:58.820	3050	46	-100.8	9265.	RRCSM	UMTS FDD	Downlink	12:25:44.781	DCCCH	MEASUREMENT_CONTROL
					10606.	12:25:58.820	3050	46	-21.2	9266.	RRCSM	UMTS FDD	Uplink	12:25:45.164	DCCCH	MEASUREMENT_REPORT
					10607.	12:25:59.074	3050	307	-102.7	9267.	RRCSM	UMTS FDD	Uplink	12:25:47.023	DCCCH	MEASUREMENT_REPORT
					10608.	12:25:59.074	3050	307	-23.3	9268.	RRCSM	UMTS FDD	Downlink	12:25:47.260	DCCCH	ACTIVE_SET_UPDATE
					10609.	12:25:59.671	3050	46	-101.6	9269.	RRCSM	UMTS FDD	Uplink	12:25:47.292	DCCCH	ACTIVE_SET_UPDATE_COMPLETE
					10610.	12:25:59.671	3050	46	-23.2	9270.	RRCSM	UMTS FDD	Downlink	12:25:47.540	DCCCH	MEASUREMENT_CONTROL
					10611.	12:26:00.160	3050	46	-103.2	9271.	RRCSM	UMTS FDD	Downlink	12:25:47.700	DCCCH	MEASUREMENT_CONTROL
					10612.	12:26:00.160	3050	46	-24.9	9272.	RRCSM	UMTS FDD	Downlink	12:25:58.579	DCCCH	DOWNLINK_DIRECT_TRANSFER
					10613.	12:26:00.631	3050	46	-101.1	9273.	L3SM	UMTS FDD	Downlink	12:25:58.579	DCCCH	DISCONNECT
					10614.	12:26:00.631	3050	46	-22	9274.	RRCSM	UMTS FDD	Uplink	12:25:58.580	DCCCH	UPLINK_DIRECT_TRANSFER
					10615.	12:26:01.158	3050	46	-105.3	9275.	L3SM	UMTS FDD	Uplink	12:25:58.580	DCCCH	RELEASE
					10616.	12:26:01.158	3050	46	-25.9	9276.	RRCSM	UMTS FDD	Downlink	12:25:58.819	DCCCH	DOWNLINK_DIRECT_TRANSFER
					10617.	12:26:01.669	3050	46	-95.1	9277.	L3SM	UMTS FDD	Downlink	12:25:58.819	DCCCH	RELEASE_COMPLETE
					10618.	12:26:01.669	3050	46	-16.9	9278.	RRCSM	UMTS FDD	Downlink	12:25:58.980	DCCCH	RRC_CONNECTION_RELEASE
					10619.	12:26:02.339	3050	46	-90.7	9279.	RRCSM	UMTS FDD	Uplink	12:25:58.980	DCCCH	RRC_CONNECTION_RELEASE_COMPLETE
					10620.	12:26:02.339	3050	46	-13.6	9280.	RRCSM	UMTS FDD	Uplink	12:25:59.020	DCCCH	RRC_CONNECTION_RELEASE_COMPLETE

Analysis:

- This call drop event occurred on long call at 12:25:58:580 time when UE was latched with 3G network.
- After getting Alerting message at 12:25:03:661 time than Call drop happened.
- During the session UE was latched with PSC 46 and RF condition RSCP -97.7 dBm and Ec/No -18.9 dB are very poor.
- As per the analysis call drop happened due to poor quality of the network.

Phase-2 Call Drop Analysis 4 From MS9 Airtel MO

	Time	System	Serving band	Call type	Time	RxLev sub	ARFCN	BSIC	LAC	RAC	RXQ sub
1.	11:40:46.766	GSM	900	Voice call	1677.	12:29:37.768	-94	112	31	50000	4
2.	12:23:42.790	UMTS FDD	900	Voice call	1678.	12:29:38.244	-95	112	31	50000	4
3.	12:25:58.580	UMTS FDD	900	Voice call	1679.	12:29:38.244					7
4.	12:29:56.199	GSM	900	Voice call	1680.	12:29:38.788	-94	112	31	50000	4
					1681.	12:29:39.291	-96	112	31	50000	4
					1682.	12:29:40.042	-95	112	31	50000	4
					1683.	12:29:40.164	-94	112	31	50000	4
					1684.	12:29:41.040	-94	112	31	50000	4
					1685.	12:29:41.631	-96	112	31	50000	4
					1686.	12:29:42.084					6
					1687.	12:29:42.185	-95	112	31	50000	4
					1688.	12:29:42.564					7
					1689.	12:29:43.039	-95	112	31	50000	4
					1690.	12:29:43.044					6
					1691.	12:29:43.524	-97	112	31	50000	4
					1692.	12:29:43.524					7
					1693.	12:29:44.042	-94	112	31	50000	4
					1694.	12:29:44.488	-96	112	31	50000	4
					1695.	12:29:45.043	-95	112	31	50000	4
					1696.	12:29:45.568	-97	112	31	50000	4
					1697.	12:29:46.043	-96	112	31	50000	4
					1698.	12:29:46.565	-96	112	31	50000	4
					1699.	12:29:47.045	-96	112	31	50000	4
					1700.	12:29:47.589	-97	112	31	50000	4
					1701.	12:29:48.106	-95	112	31	50000	4
					1702.	12:29:48.982	-96	112	31	50000	4
					1703.	12:29:50.040	-96	112	31	50000	4
					1704.	12:29:50.289	-96	112	31	50000	4
					1705.	12:29:51.043	-97	112	31	50000	4
					1706.	12:29:51.286	-96	112	31	50000	4
					1707.	12:29:52.042	-95	112	31	50000	4
					1708.	12:29:52.246	-95	112	31	50000	4
					1709.	12:29:53.031	-95	112	31	50000	4
					1710.	12:29:53.691	-95	112	31	50000	4
					1711.	12:29:54.669	-97	112	31	50000	4
					1712.	12:29:55.491	-96	112	31	50000	4

	Transf. dir.	Time	Subchannel	Message name
9981.	Uplink	12:29:44.004	SACCH	MEASUREMENT_REPORT
9982.	Uplink	12:29:44.484	SACCH	MEASUREMENT_REPORT
9983.	Uplink	12:29:44.964	SACCH	MEASUREMENT_REPORT
9984.	Uplink	12:29:45.443	SACCH	MEASUREMENT_REPORT
9985.	Downlink	12:29:45.877	SACCH	SYSTEM_INFORMATION_TYPE_6
9986.	Uplink	12:29:45.924	SACCH	MEASUREMENT_REPORT
9987.	Uplink	12:29:46.404	SACCH	MEASUREMENT_REPORT
9988.	Uplink	12:29:46.883	SACCH	MEASUREMENT_REPORT
9989.	Uplink	12:29:47.364	SACCH	MEASUREMENT_REPORT
9990.	Uplink	12:29:47.844	SACCH	MEASUREMENT_REPORT
9991.	Uplink	12:29:48.323	SACCH	MEASUREMENT_REPORT
9992.	Uplink	12:29:48.803	SACCH	MEASUREMENT_REPORT
9993.	Uplink	12:29:49.283	SACCH	MEASUREMENT_REPORT
9994.	Uplink	12:29:49.763	SACCH	MEASUREMENT_REPORT
9995.	Uplink	12:29:50.244	SACCH	MEASUREMENT_REPORT
9996.	Uplink	12:29:50.723	SACCH	MEASUREMENT_REPORT
9997.	Downlink	12:29:51.157	SACCH	SYSTEM_INFORMATION_TYPE_6
9998.	Uplink	12:29:51.204	SACCH	MEASUREMENT_REPORT
9999.	Uplink	12:29:51.683	SACCH	MEASUREMENT_REPORT
10000.	Uplink	12:29:52.163	SACCH	MEASUREMENT_REPORT
10001.	Uplink	12:29:52.643	SACCH	MEASUREMENT_REPORT
10002.	Uplink	12:29:53.123	SACCH	MEASUREMENT_REPORT
10003.	Uplink	12:29:53.603	SACCH	MEASUREMENT_REPORT
10004.	Uplink	12:29:54.083	SACCH	MEASUREMENT_REPORT
10005.	Uplink	12:29:54.564	SACCH	MEASUREMENT_REPORT
10006.	Uplink	12:29:55.043	SACCH	MEASUREMENT_REPORT
10007.	Uplink	12:29:55.523	SACCH	MEASUREMENT_REPORT
10008.	Uplink	12:29:55.976	DCCH	CM_RE-ESTABLISHMENT_REQUEST
10009.	Downlink	12:30:00.639	BCCH	SYSTEM_INFORMATION_TYPE_3
10010.	Downlink	12:30:00.778	BCCH	SYSTEM_INFORMATION_TYPE_3
10011.	Downlink	12:30:26.065	BCCH	SYSTEM_INFORMATION_TYPE_3
10012.	Downlink	12:30:26.194	BCCH	SYSTEM_INFORMATION_TYPE_3
10013.	Downlink	12:30:31.589	BCCH-BCH	MasterInformationBlock
10014.	Downlink	12:30:31.613	BCCH-SCH	SystemInformationBlockType1
10015.	Downlink	12:30:31.613	BCCH-SCH	SystemInformation - SIB2, SIB3
10016.	Uplink	12:30:31.627		TRACKING_AREA_UPDATE_REQUEST

- Analysis:**
- This call drop event occurred on long call at 12:29:56:199 time when UE was latched with 2G network.
 - After getting Alerting message at 12:28:06:962 time than Call drop happened.
 - During the session UE was latched with ARFCN 112 and RF condition Rx Level -95 dBm is good and Rx Qual 6 dB is poor.
 - As per the analysis call drop happened due to poor quality of the network.

Phase-2 Call Drop Analysis 1 From MS11 CWS MO

	Time	System	Serving band	Call type	Cal	Time	RxLev sub	ARFCN	BSIC	LAC	RAC	RXQ sub	Event ID	System	Transf. dir.	Time	Subchannel	Message name	
1.	11:35:41.839	GSM	900	Voice call	Orig	575.	11:35:32.426	-88	24	22	1	10	2767.	L3SM	GSM	Uplink	11:35:33.700	SACCH	MEASUREMENT_REPORT
						576.	11:35:32.740					3	2768.	L3SM	GSM	Downlink	11:35:34.134	SACCH	SYSTEM_INFORMATION_TYPE_5
						577.	11:35:33.063	-92	24	22	1	10	2769.	L3SM	GSM	Uplink	11:35:34.180	SACCH	MEASUREMENT_REPORT
						578.	11:35:33.220					0	2770.	L3SM	GSM	Downlink	11:35:34.614	SACCH	SYSTEM_INFORMATION_TYPE_5TER
						579.	11:35:33.700	-89	24	22	1	10	2771.	L3SM	GSM	Uplink	11:35:34.660	SACCH	MEASUREMENT_REPORT
						580.	11:35:33.700					3	2772.	L3SM	GSM	Downlink	11:35:35.094	SACCH	SYSTEM_INFORMATION_TYPE_6
						581.	11:35:34.180					5	2773.	L3SM	GSM	Uplink	11:35:35.140	SACCH	MEASUREMENT_REPORT
						582.	11:35:34.660					0	2774.	L3SM	GSM	Downlink	11:35:35.574	SACCH	MEASUREMENT_INFORMATION
						583.	11:35:34.683	-86	24	22	1	10	2775.	L3SM	GSM	Uplink	11:35:35.620	SACCH	MEASUREMENT_REPORT
						584.	11:35:35.504	-85	24	22	1	10	2776.	L3SM	GSM	Downlink	11:35:36.054	SACCH	MEASUREMENT_INFORMATION
						585.	11:35:36.100	-89	24	22	1	10	2777.	L3SM	GSM	Uplink	11:35:36.100	SACCH	MEASUREMENT_REPORT
						586.	11:35:36.580	-88	24	22	1	10	2778.	L3SM	GSM	Downlink	11:35:36.534	SACCH	MEASUREMENT_INFORMATION
						587.	11:35:36.580					1	2779.	L3SM	GSM	Uplink	11:35:36.580	SACCH	MEASUREMENT_REPORT
						588.	11:35:37.060	-93	24	22	1	10	2780.	L3SM	GSM	Downlink	11:35:37.014	SACCH	MEASUREMENT_INFORMATION
						589.	11:35:37.060					3	2781.	L3SM	GSM	Uplink	11:35:37.060	SACCH	MEASUREMENT_REPORT
						590.	11:35:37.544	-93	24	22	1	10	2782.	L3SM	GSM	Downlink	11:35:37.494	SACCH	MEASUREMENT_INFORMATION
						591.	11:35:38.020					0	2783.	L3SM	GSM	Uplink	11:35:37.540	SACCH	MEASUREMENT_REPORT
						592.	11:35:38.287	-88	24	22	1	10	2784.	L3SM	GSM	Downlink	11:35:37.974	SACCH	SYSTEM_INFORMATION_TYPE_5
						593.	11:35:38.980	-88	24	22	1	10	2785.	L3SM	GSM	Uplink	11:35:38.020	SACCH	MEASUREMENT_REPORT
						594.	11:35:39.460	-92	24	22	1	10	2786.	L3SM	GSM	Downlink	11:35:38.454	SACCH	SYSTEM_INFORMATION_TYPE_5TER
						595.	11:35:39.460					6	2787.	L3SM	GSM	Uplink	11:35:38.500	SACCH	MEASUREMENT_REPORT
						596.	11:35:39.940	-89	24	22	1	10	2788.	L3SM	GSM	Downlink	11:35:38.934	SACCH	SYSTEM_INFORMATION_TYPE_6
						597.	11:35:39.940					4	2789.	L3SM	GSM	Uplink	11:35:38.980	SACCH	MEASUREMENT_REPORT
						598.	11:35:40.420	-89	24	22	1	10	2790.	L3SM	GSM	Downlink	11:35:39.414	SACCH	MEASUREMENT_INFORMATION
						599.	11:35:40.420					0	2791.	L3SM	GSM	Uplink	11:35:39.460	SACCH	MEASUREMENT_REPORT
						600.	11:35:40.900					2	2792.	L3SM	GSM	Downlink	11:35:39.894	SACCH	MEASUREMENT_INFORMATION
						601.	11:35:40.983	-91	24	22	1	10	2793.	L3SM	GSM	Uplink	11:35:39.940	SACCH	MEASUREMENT_REPORT
						602.	11:35:41.380	-89	24	22	1	10	2794.	L3SM	GSM	Downlink	11:35:40.374	SACCH	MEASUREMENT_INFORMATION
						603.	11:35:42.149						2795.	L3SM	GSM	Uplink	11:35:40.420	SACCH	MEASUREMENT_REPORT
						604.	11:37:01.958	-88	26	26	10	10	2796.	L3SM	GSM	Downlink	11:35:40.854	SACCH	MEASUREMENT_INFORMATION
						605.	11:37:01.958					7	2797.	L3SM	GSM	Uplink	11:35:40.900	SACCH	MEASUREMENT_REPORT
						606.	11:37:02.415	-84	26	26	10	10	2798.	L3SM	GSM	Downlink	11:35:41.334	SACCH	MEASUREMENT_INFORMATION
						607.	11:37:02.415					0	2799.	L3SM	GSM	Uplink	11:35:41.380	SACCH	MEASUREMENT_REPORT
						608.	11:37:03.229					0	2800.	L3SM	GSM	Downlink	11:35:41.588	DCCH	DISCONNECT
						609.	11:37:03.230	-81	26	26	1	10	2801.	L3SM	GSM	Uplink	11:35:41.588	DCCH	RELEASE
						610.	11:37:03.274					0	2802.	L3SM	GSM	Downlink	11:35:41.839	DCCH	RELEASE_COMPLETE

Analysis:

- This call drop event occurred on long call at 11:35:41:839 time when UE was latched with 2G network.
- After getting Alerting message at 11:33:48:016 time than Call drop happened.
- During the session UE was latched with ARFCN 24 and RF condition Rx Level -92 dBm is good and Rx Qual 6 dB is poor.
- As per the analysis call drop happened due to poor quality of the network.

THANKS