

# **LTE Single Site Verification Report**

## **(202MSC-HA0070-LTE)**



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## General Info & site location

Site Information	
City :	Harare
Site Name :	202MSC-HA0070-LTE
eNodeB ID	7001
Latitude:	-17.8504
Longitude:	31.05498
# of cells (LTE) :	3

## Site Parameter

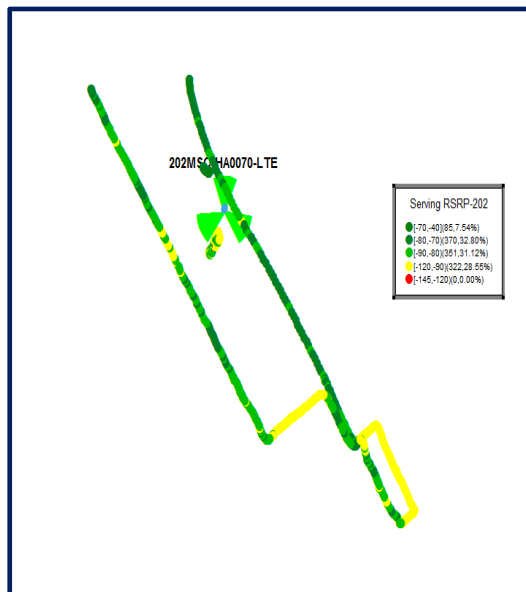
Physical Cell Information								
Activity / Process		Sector1		Sector2		Sector3		
Azimuth		0		120		240		
Antenna height		36		36		36		
Test No./Name	Test Sub No.	Activity / Process	Cell 1		Cell 2		Cell 3	
			Planned	Found	Planned	Found	Planned	Found
T02-Cell Information	1	Cell ID correctly defined	7001_1	7001_1	7001_2	7001_2	7001_3	7001_3
	2	TAC correctly defined	1	1	1	1	1	1
	3	PCI correctly defined	0	0	1	1	2	2
	4	MIMO correctly defined	2T2R	2T2R	2T2R	2T2R	2T2R	2T2R
	5	Bandwidth correctly defined	10MHz	10MHz	10MHz	10MHz	10MHz	10MHz

Test No./Name	Cell	Activity / Process	OVERALL	
			Att.	Succ.
T03- Connection	1	PS performs successfully	3	3
	2	PS performs successfully	3	3
	3	PS performs successfully	3	3

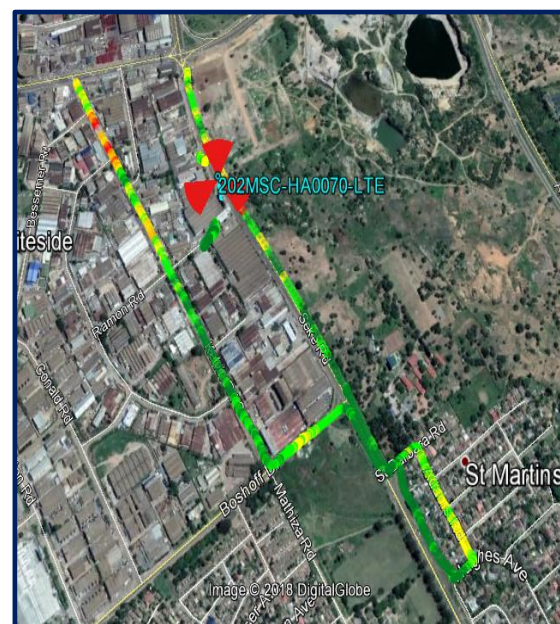
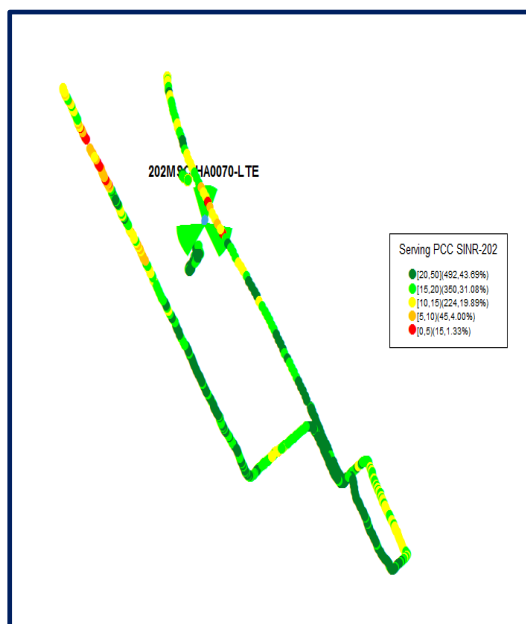
Test No./Name	Test Sub No.	Activity / Process	Cell 1	Cell 2	Cell 3
T05- Throughput	1	Peak DL Throughput (Mbps)	69.840	70.250	70.130
	2	Peak UL Throughput (Mbps)	24.58	24.71	24.34
	3	Latency (ms)	20	22	18

# Site Coverage Plots

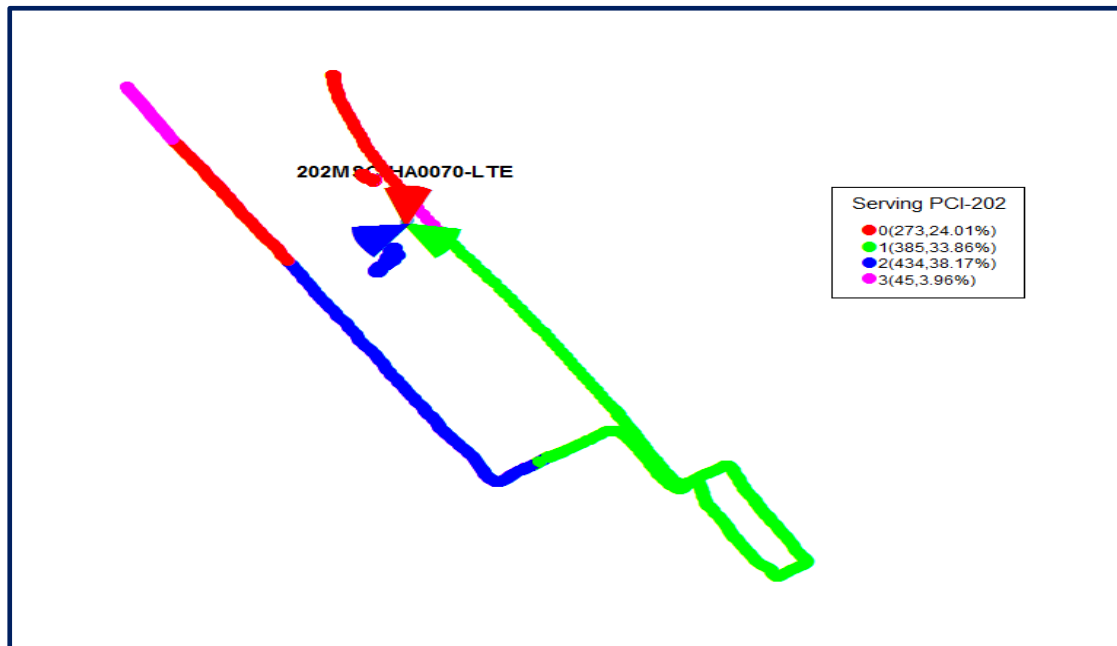
## RSRP



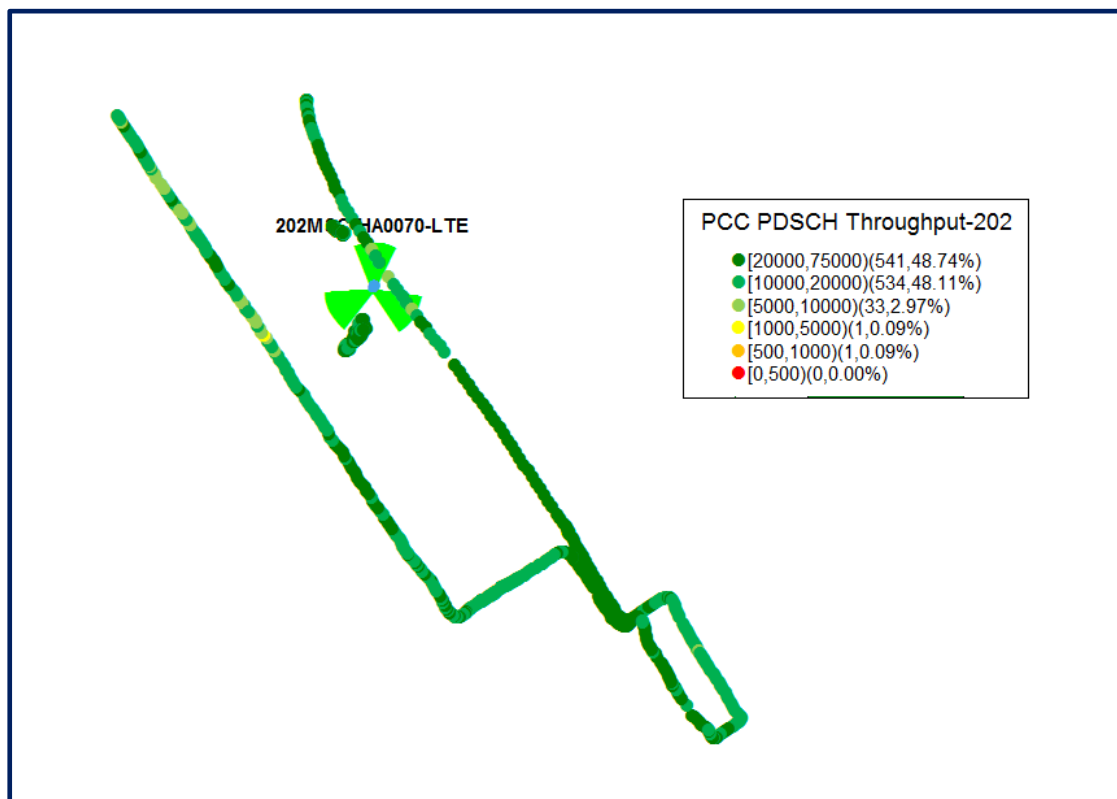
## SINR:



## LTE PCI Plot:



## LTE Throughput Plot

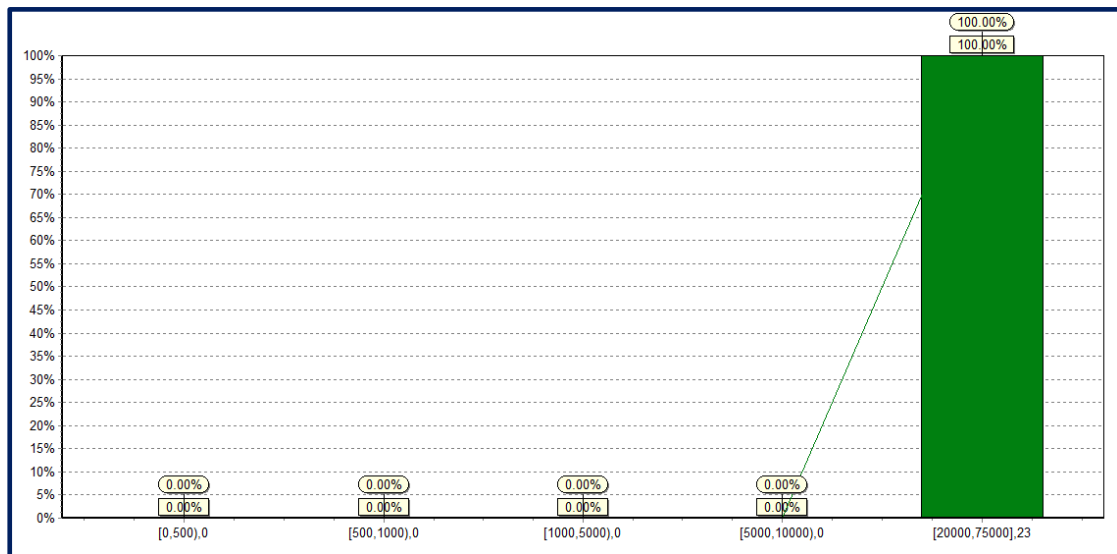


# LTE Test Graphs

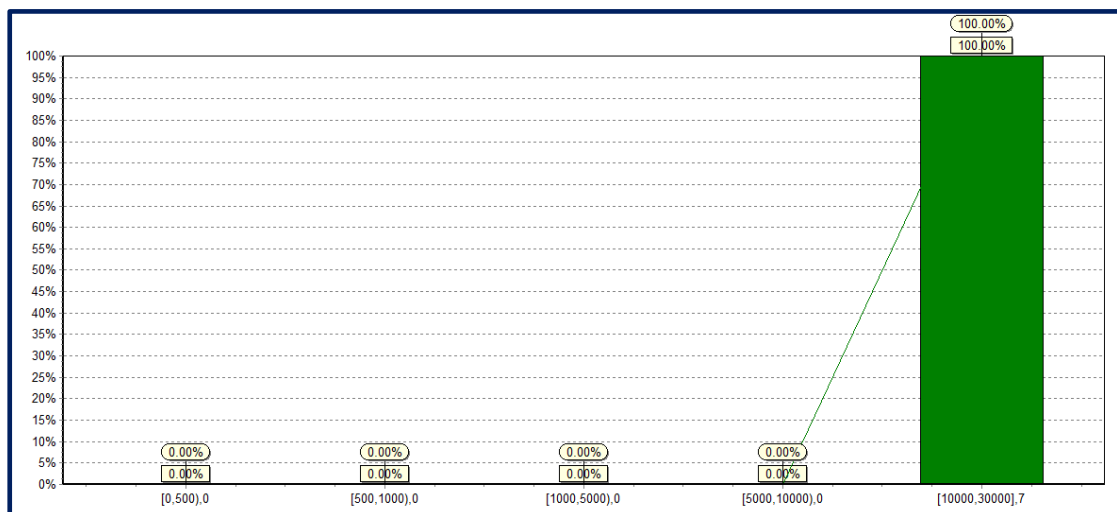
## LTE Throughput Graphs

### Sector 1

#### i) LTE PHY Throughput PDSCH:

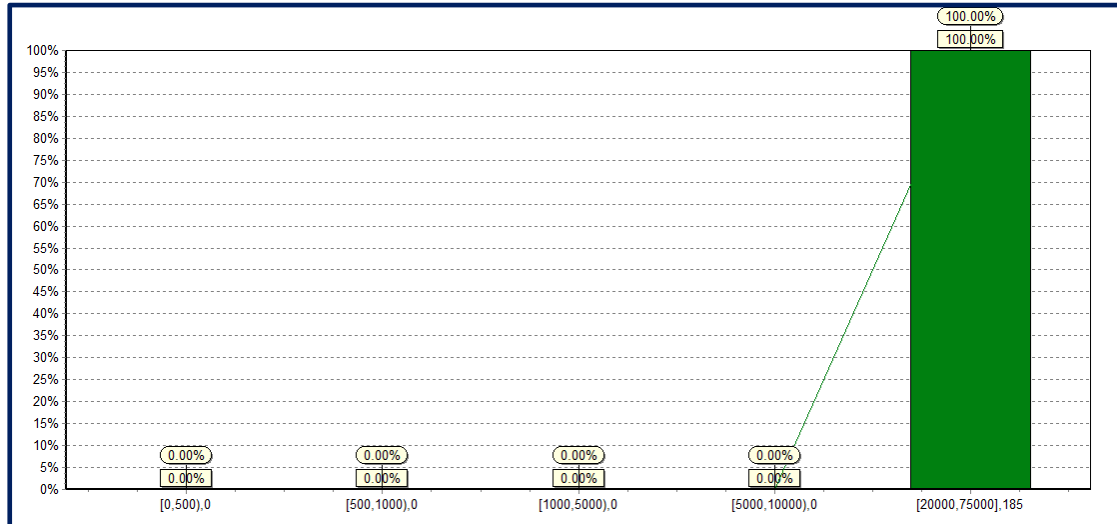


#### ii) LTE PHY Throughput PUSCH:

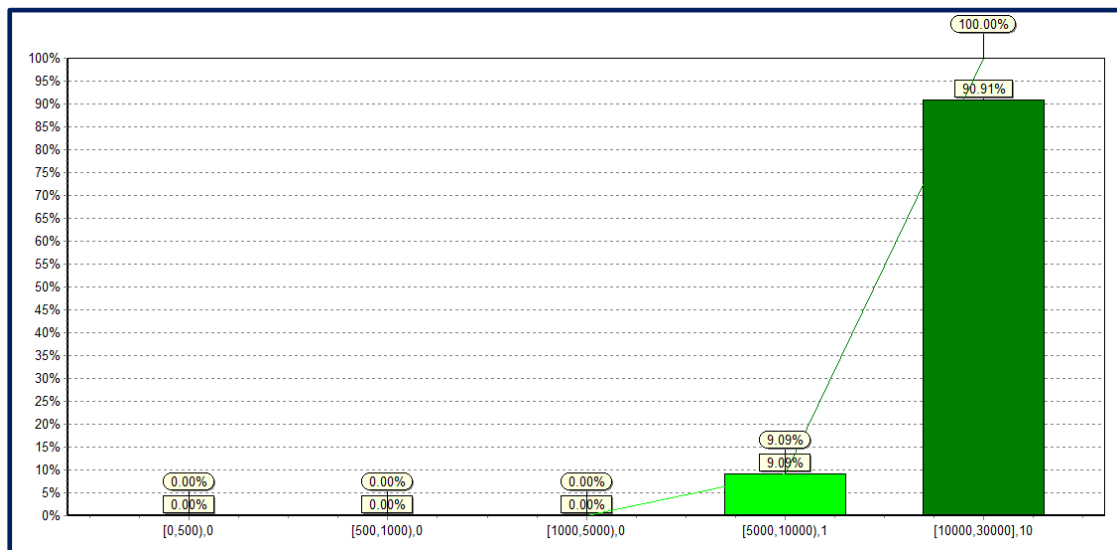


## Sector 2

### i) LTE PHY Throughput PDSCH:

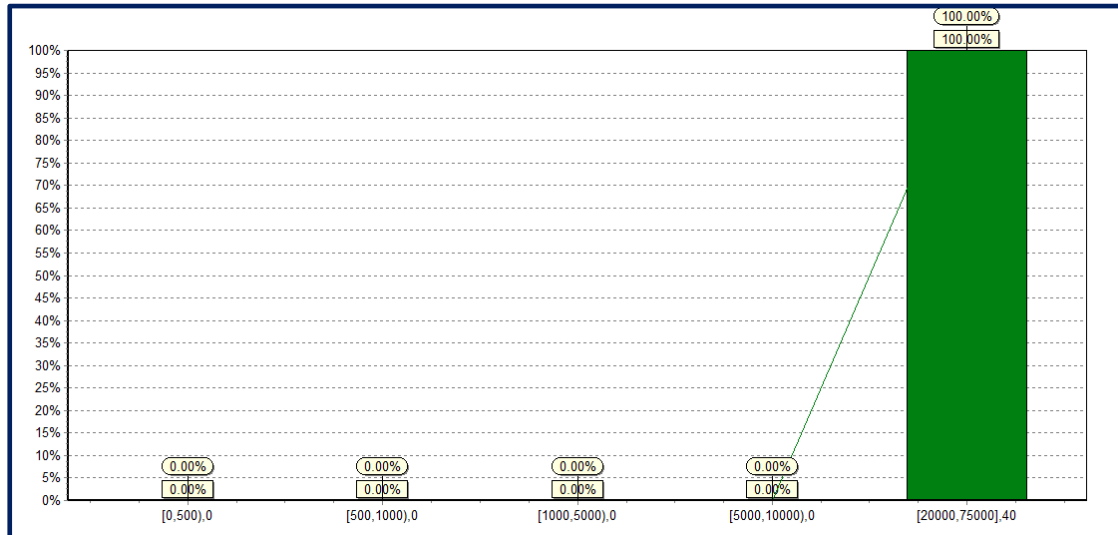


### ii) LTE PHY Throughput PUSCH:

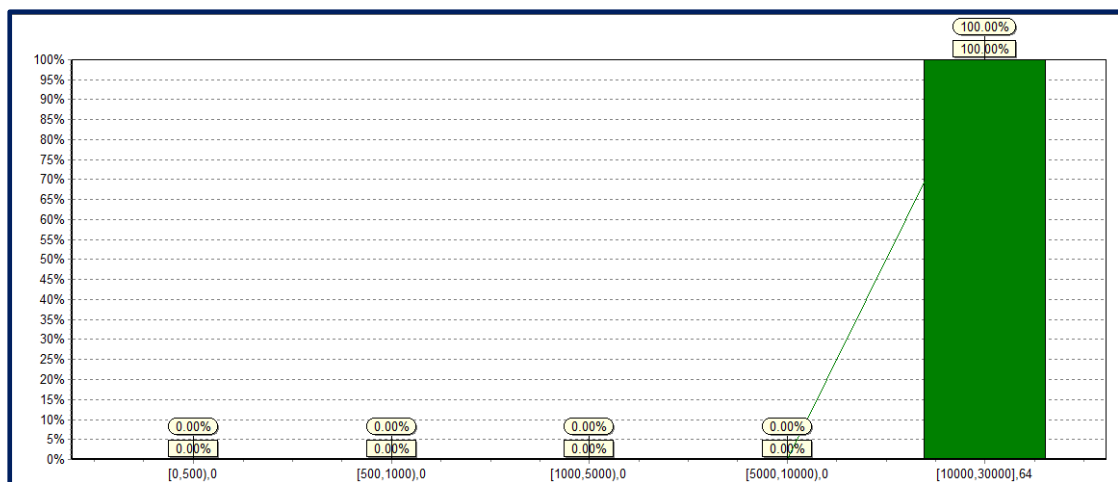


## Sector 3

### i) LTE PHY Throughput PDSCH:



### ii) LTE PHY Throughput PUSCH:





## Signature

Huawei	Sign	
	Date	
TELECEL	Sign	
	Date	