

RantCell Pro v8.7 Features



Edition: January 2021

Version: v8.7

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Introduction:

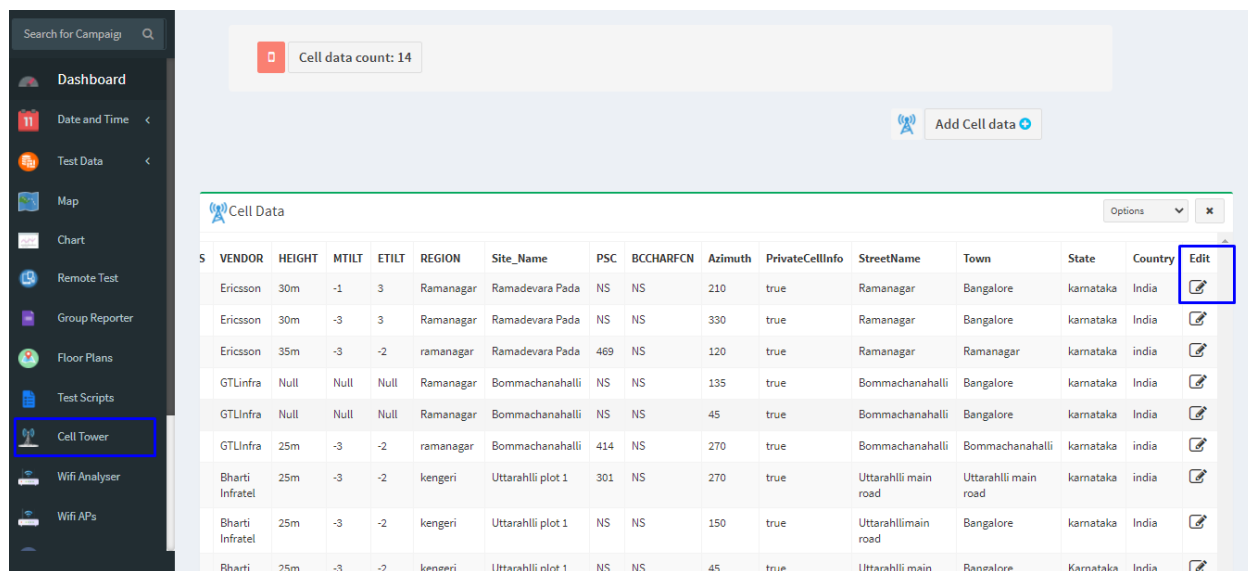
The purpose of this document is to provide brief information about new features that will be available on RantCell Pro app: v7.0.35 software version.

RantCell dashboard version: v8.7

RantCell dashboard v8.7 new features.

Feature ID 1029: Added the cell tower edit option for 2G, 3G and 4G cell data.

Edit option as been introduced under cell tower in dashboard for user to edit the parameters in the cell tower such as 2G, 3G and 4G cell data.



Search for Campaign

Cell data count: 14

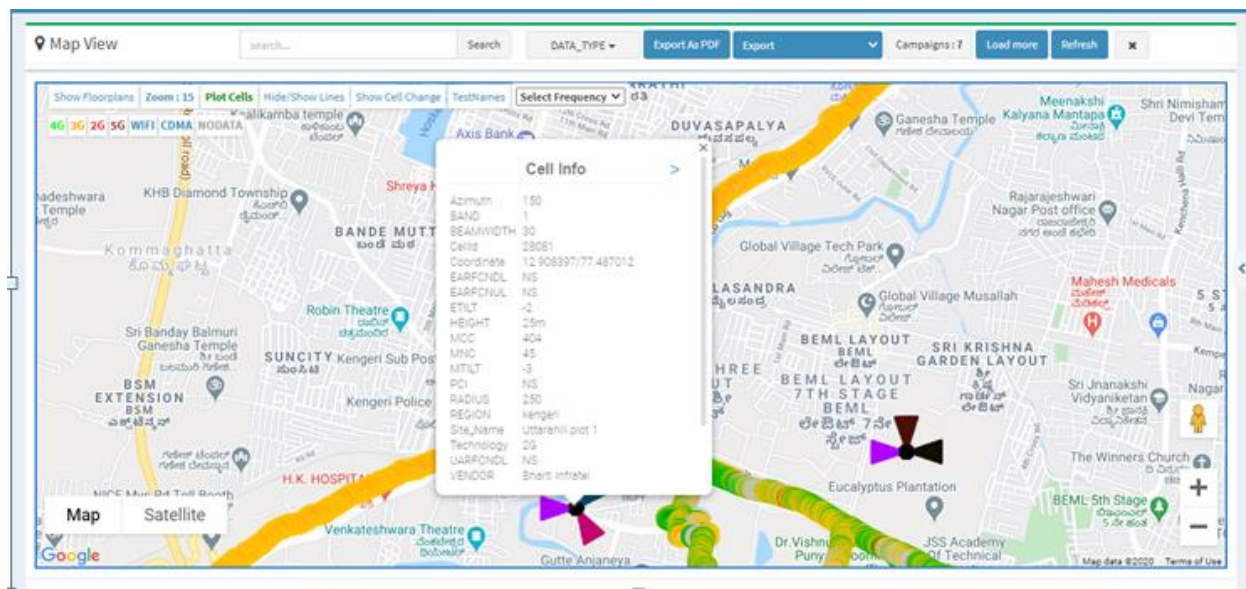
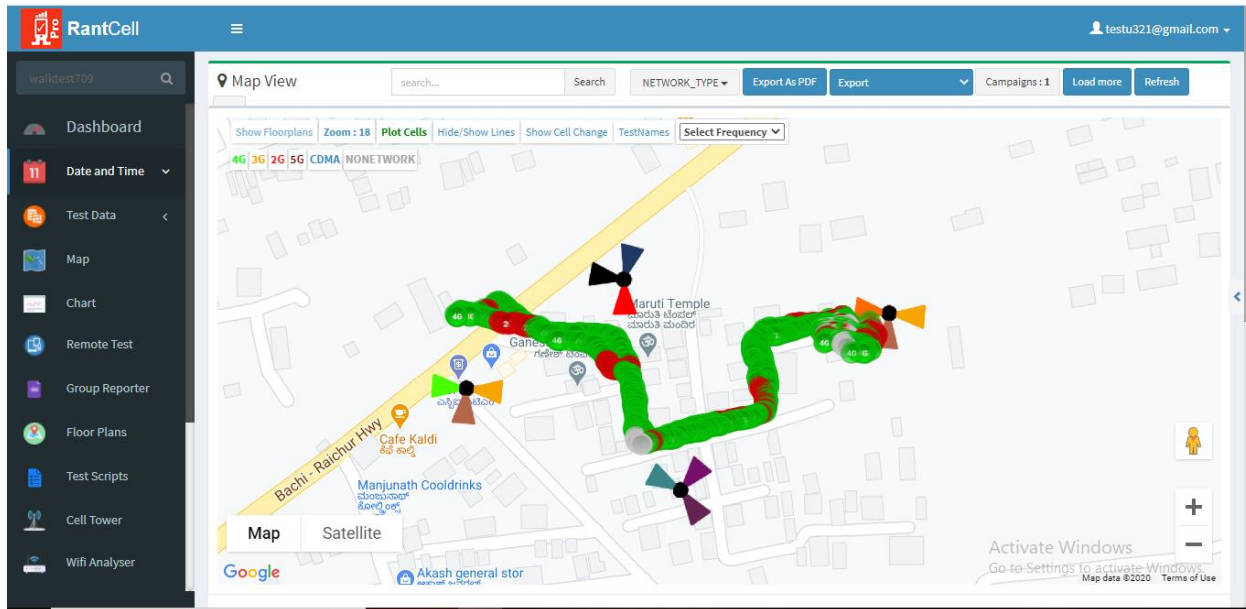
Add Cell data

Cell Data

S	VENDOR	HEIGHT	MTILT	ETILT	REGION	Site_Name	PSC	BCCHARFCN	Azimuth	PrivateCellInfo	StreetName	Town	State	Country	Edit
	Ericsson	30m	-1	3	Ramanagar	Ramadevara Pada	NS	NS	210	true	Ramanagar	Bangalore	karnataka	India	
	Ericsson	30m	-3	3	Ramanagar	Ramadevara Pada	NS	NS	330	true	Ramanagar	Bangalore	karnataka	India	
	Ericsson	35m	-3	-2	ramanagar	Ramadevara Pada	469	NS	120	true	Ramanagar	Ramanagar	karnataka	india	
	GTLinfra	Null	Null	Null	Ramanagar	Bommachanahalli	NS	NS	135	true	Bommachanahalli	Bangalore	karnataka	India	
	GTLinfra	Null	Null	Null	Ramanagar	Bommachanahalli	NS	NS	45	true	Bommachanahalli	Bangalore	karnataka	India	
	GTLinfra	25m	-3	-2	ramanagar	Bommachanahalli	414	NS	270	true	Bommachanahalli	Bommachanahalli	karnataka	india	
	Bharti Infratel	25m	-3	-2	kengeri	Uttarahlli plot 1	301	NS	270	true	Uttarahlli main road	Uttarahlli main road	karnataka	india	
	Bharti Infratel	25m	-3	-2	kengeri	Uttarahlli plot 1	NS	NS	150	true	Uttarahllimain road	Bangalore	karnataka	India	
	Bharti	25m	-3	-2	kengeri	Uttarahlli plot 1	NS	NS	45	true	Uttarahlli main	Bangalore	Karnataka	India	

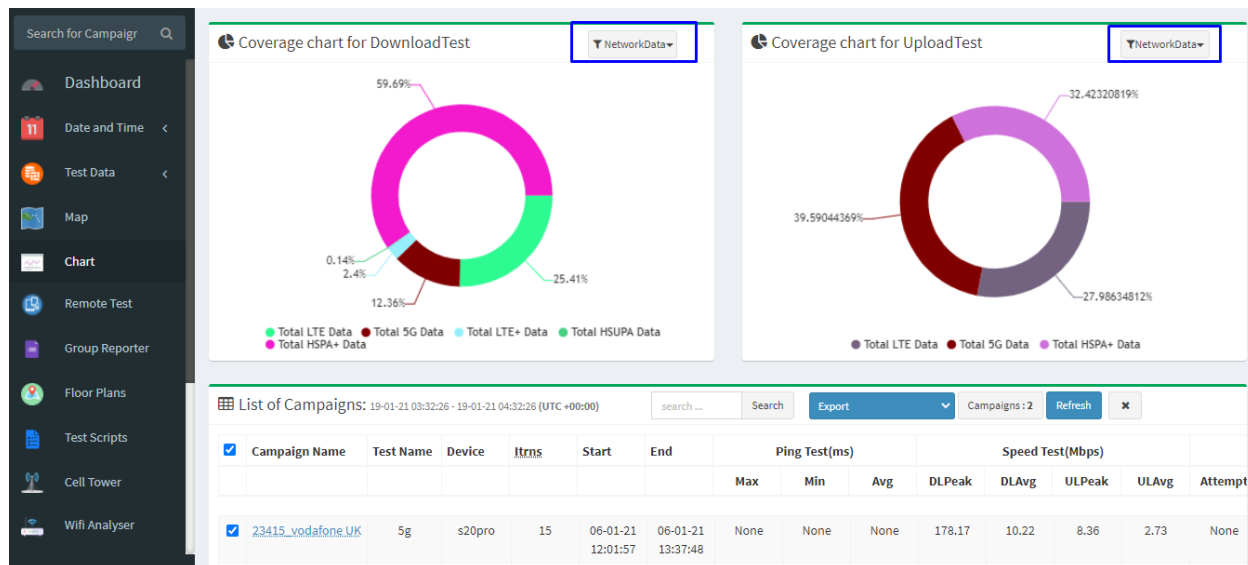
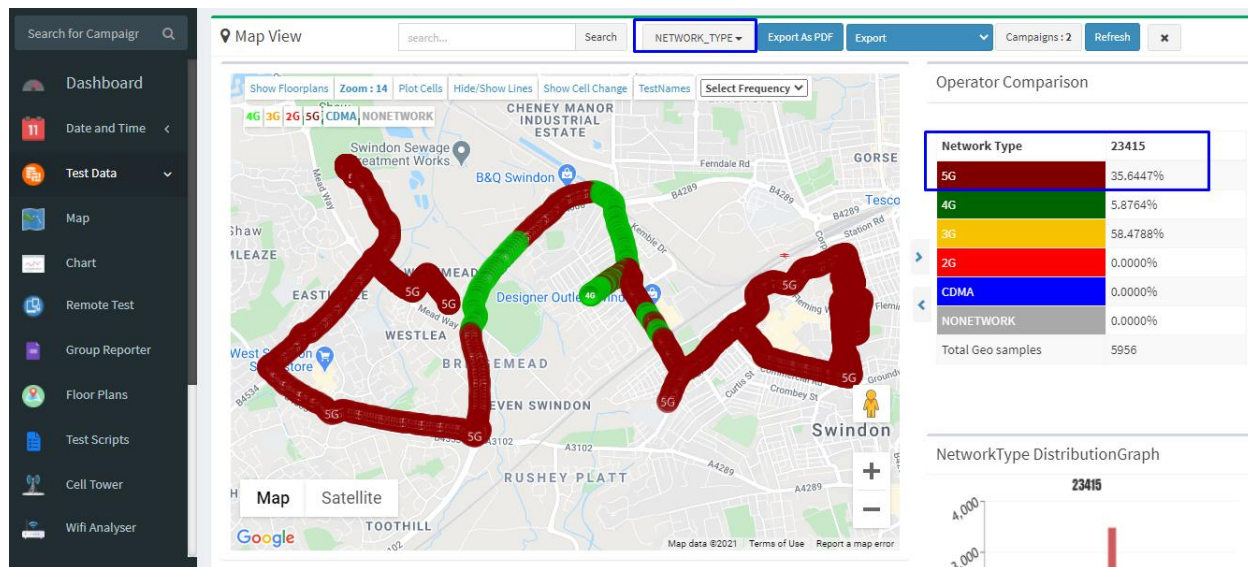
Feature ID 1030: Added the cell tower icon Azimuth angle with icon plotting on map view

Cell tower icon as been introduced under Map in dashboard for user to plot the cell towers in different angles based on Azimuth value.



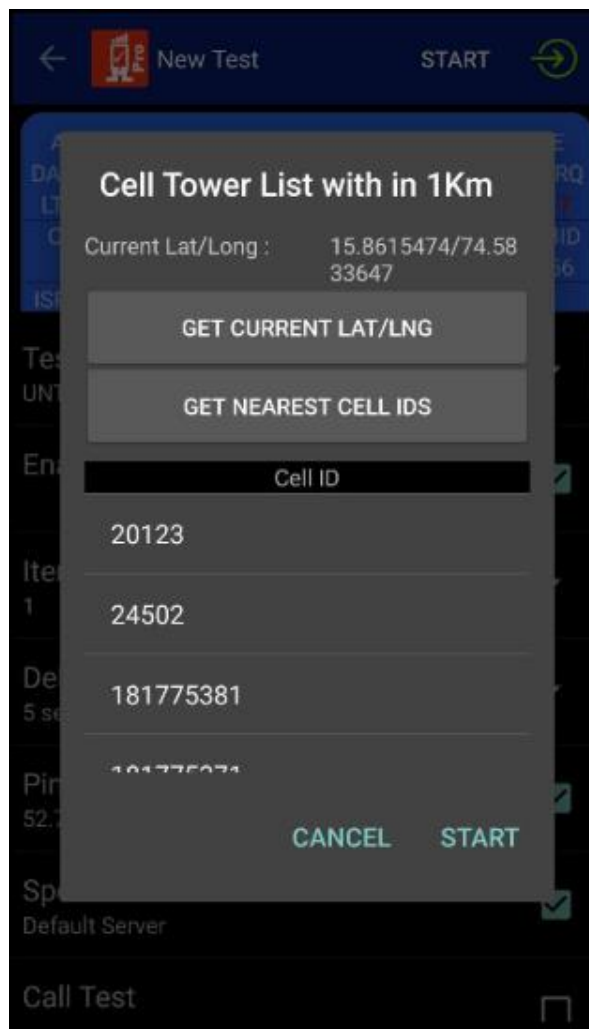
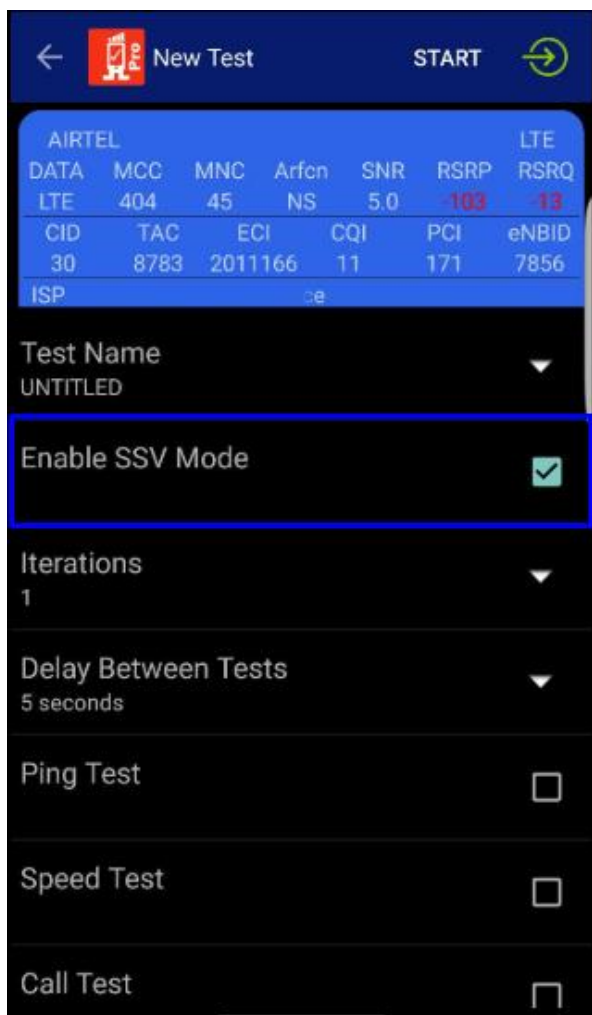
Feature ID 1032: Support for 5G additional enhancements.

Data type, Network type, signal level measurement for 5G been introduced in all the views in dashboard such as map view, chart view, export as Pdf view, share page, individual pop up windows and Group reporter drill down view.



Feature ID 1033: Single Site Verification Testing

Single site verification (SSV) test feature as been introduced in App for user to perform 5G/4G/3G/2G drive test or walk test on a particular site by adding the cell tower details on dashboard. Map capabilities has been introduced in RantCell pro app.



← **RantCell Pro** UNTITLED EXPORT

airtel	LTE					
DATA	MCC	MNC	Arfcn	SNR	RSRP	RSRQ
LTE	404	45	NS	-12.0	-112	-17
CID	TAC	ECI	CQI	PCI	eNBID	
70	8783	9928006	2	212	38781	
ISP	AS45609 Bharti Airtel Ltd.					

RESULTS DETAILS MAP

^ Ping Test

	Packet Size	RTT Avg.	Jitter	Sent	Received	Status
19	32	89	26	4	4	OK
25	32	73	5	4	4	OK
08	32	88	15	4	4	OK

^ Speed Test

DL/UL	File Size (bytes)	Avg Throughput (Kbps)	Status
DL	5242880	2956.930	OK
DL	5242880	10528.562	OK
DL	5242880	2097.531	OK
UL	1048576	780.664	OK
UL	1048576	4085.273	OK
UL	1048576	7969.133	OK

^ Call Test

Timestamp Called Party Number Setup Time (ms)

← **RantCell Pro** UNTITLED EXPORT

RESULTS DETAILS MAP

CID

Google

Search for Campaign

Dashboard

- Date and Time
- Test Data
- Map
- Chart
- Remote Test
- Group Reporter
- Floor Plans
- Test Scripts
- Cell Tower
- Wifi Analyser

Map View

search... Search NETWORK_TYPE Export As PDF Export Campaigns: 1 Refresh

Show Floorplans Zoom: 20 Plot Cells Hide/Show Lines Show Cell Change TestNames Select Frequency

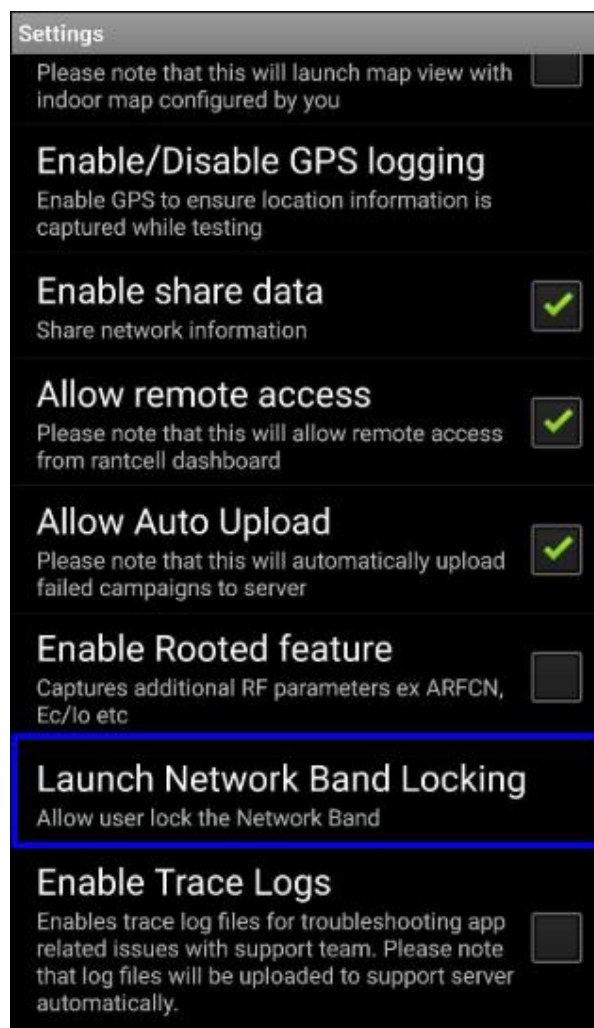
4G 3G 2G 5G CDMA NONETWORK

Map Satellite

Map data ©2021 Terms of Use Report a map error

Feature ID 1034: Network Band Locking

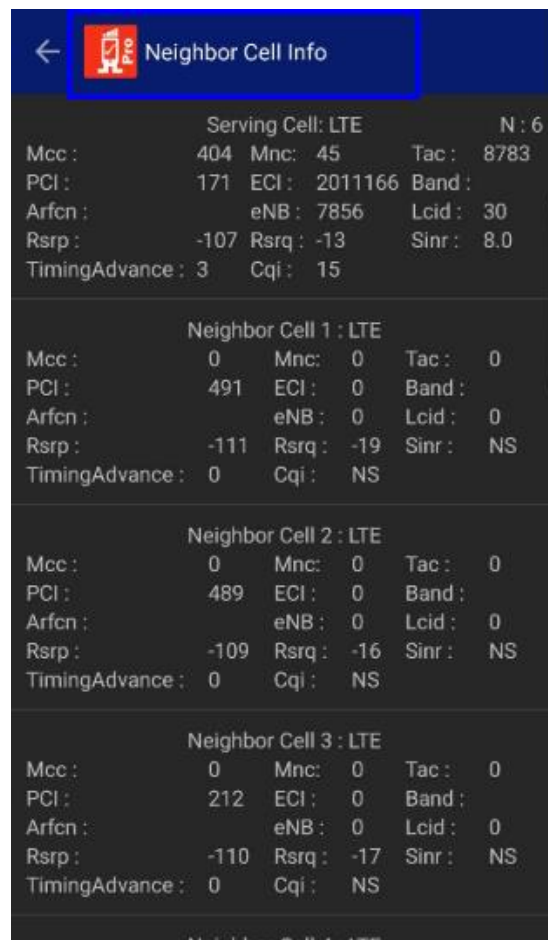
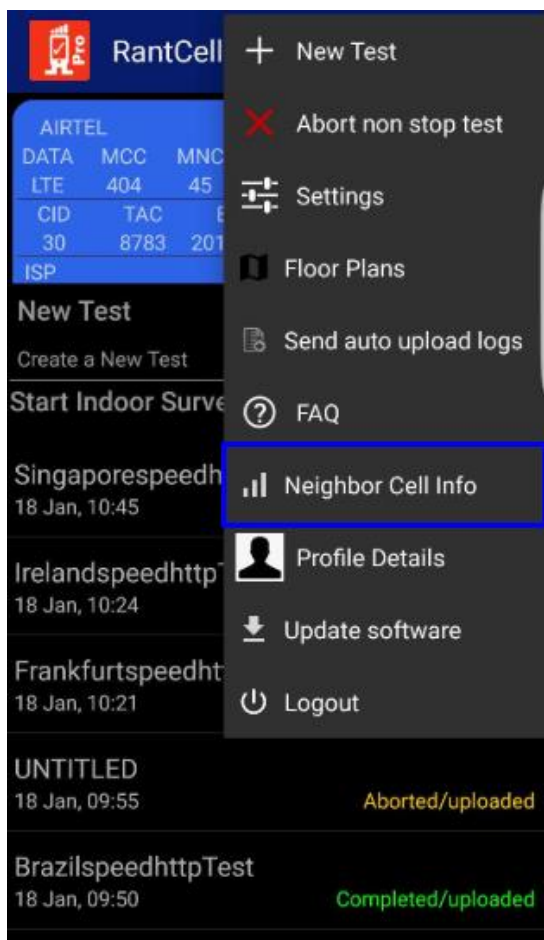
Network Band Locking feature as been introduced in App for user to launch the network band or to lock the network band.(supported on rooted phones only)





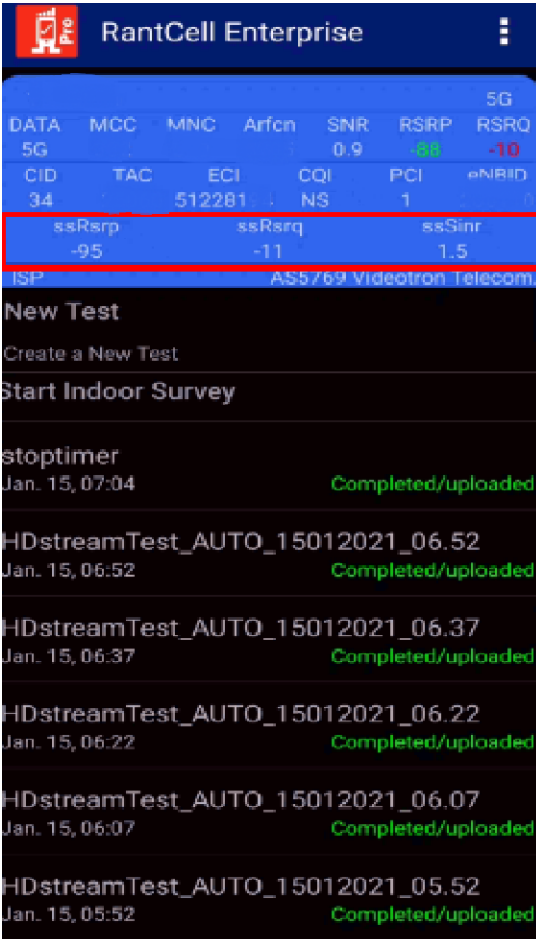
Feature ID 1035: Neighbor Cell Info

Neighbor Cell Info feature as been introduced in RantCell Pro App Under settings for user to know the details about the neighboring cell information, which includes all the network details.



Feature ID 1036: Added ssRsrp, ssRsrq, ssSinr to App UI

ssRsrp, ssRsrq and ssSinr parameters will be displayed in UI when the user is in 5G network.



DATA	MCC	MNC	Arfcn	SNR	RSRP	RSRQ	5G
5G				0.9	-88	-10	
CID	TAC	ECI	CQI	PCI	eNBID		
34		512281	NS	1			
ssRsrp	ssRsrq	ssSinr					
-95	-11	1.5					
ISP	AS5769 Videotron Telecom						

Feature ID 1037: Support for Android 11 version and 5G measurement support for NSA.

Significant changes have been made on Android 11 version by Google. RantCell pro apk now have been applied with software patches to support Android 11. Further improvements made to support 5G measurements.