

RantCell Pro v7.9.1 Features



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Version: v7.8.9

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Introduction:

The purpose of this document is to provide brief information about new features that will be available on RantCell dashboard version: v7.8.9

RantCell v7.8.9 new features.

Feature ID 1017: Improved alarm panel with link to test campaign.

Improved alarm panel with ability to filter out specific type of failures and link to the actual test campaign for further drill down analysis of test failures.

The screenshot displays the RantCell dashboard's 'Alarms' section. The main table lists various test failures with columns for Severity, Alarm Test (Test Type), Failure Cause, Device Name, Event Start Time, Operator Name, and Alarm Details. A 'Click here' link is highlighted in the Alarm Details column for a 'Critical' 'StreamTest Failed' entry.

Severity	Alarm Test (Test Type)	Failure Cause	Device Name	Event Start Time	Operator Name	Alarm Details
Critical	StreamTest Failed	INTERRUPTED	Samsung SM-A307FN	12-10-20 15:34:39	airtel	Click here
Major	Receiving SmsTest Failed	TimeOut (timer 30secs)	Samsung SM-A307FN	12-10-20 15:27:20	airtel	Click here
Critical	CallTest Failed	CALL_SETUP_FAILURE	Samsung SM-A307FN	12-10-20 15:26:47	airtel	Click here
Major	Receiving SmsTest Failed	TimeOut (timer 30secs)	Samsung SM-A307FN	12-10-20 15:23:42	airtel	Click here
Major	Receiving SmsTest Failed	TimeOut (timer 30secs)	Samsung SM-A307FN	12-10-20 15:12:20	airtel	Click here
Critical	CallTest Failed	CALL_SETUP_FAILURE	Samsung SM-A307FN	12-10-20 15:11:48	airtel	Click here
Major	Receiving SmsTest Failed	TimeOut (timer 30secs)	Samsung SM-A307FN	12-10-20 15:08:44	airtel	Click here
Major	Receiving SmsTest Failed	TimeOut (timer 30secs)	Samsung SM-A307FN	12-10-20 14:56:48	airtel	Click here
Critical	CallTest Failed	CALL_SETUP_FAILURE	Samsung SM-A307FN	12-10-20 14:56:13	airtel	Click here

The modal window provides detailed information for the selected alarm:

- Event End Time: 12-10-20 15:34:40
- Operator Name: airtel
- Deviceld: 122108-541173941028548-8495-3759-16-98-52-877-106-48244-1201113124-40-93-71116-111-9
- UsersTestName: streamyoutube
- UserEmail: testu321@gmail.com
- Campaign Name: 40445_airtel
- CellId/ECI: 7936296
- Iteration Id: 1
- Network Data: WIFI
- Network Type: LTE
- LAC/TAC: 1147
- PSC: -
- RNCID: NS
- PCI: 267
- Network Operator: 40445

A 'Click here for Test Details' link is highlighted at the bottom of the modal window.



Feature ID 1018: Added Select All Option for Alarm Test Type

'Select All' Test Type option as been introduced under Alarms in dashboard for user to select and unselect the Alarm Test Type.

The screenshot shows the 'Alarms' dashboard interface. On the left is a dark sidebar with navigation options: Group Reporter, Floor Plans, Test Scripts, Cell Tower, Wifi Analyser, Wifi APs, Screen Cast, Device Manager, Tracking, Alarms (highlighted), and Settings. The main area displays a table of alarms with columns for Severity, Alarm Test (Test Type), Failure Cause, Device Name, Event Start Time, Operator Name, and Alarm Details. A dropdown menu is open for the 'Alarm Test (Test Type)' column, showing a list of test types with checkboxes. The 'Select All' option is highlighted with a blue box. The table contains several rows of alarm data, including 'StreamTest Failed', 'Receiving SmsTest Failed', and 'CallTest Failed'.

Severity	Alarm Test (Test Type)	Failure Cause	Device Name	Event Start Time	Operator Name	Alarm Details
Critical	StreamTest Failed		Samsung SM-A307FN	12-10-20 15:34:39	airtel	Click here
Major	Receiving SmsTest Failed		Samsung SM-A307FN	12-10-20 15:27:20	airtel	Click here
Critical	CallTest Failed		Samsung SM-A307FN	12-10-20 15:26:47	airtel	Click here
Major	Receiving SmsTest Failed		Samsung SM-A307FN	12-10-20 15:23:42	airtel	Click here
Major	Receiving SmsTest Failed		Samsung SM-A307FN	12-10-20 15:12:20	airtel	Click here
Critical	CallTest Failed		Samsung SM-A307FN	12-10-20 15:11:48	airtel	Click here
Major	Receiving SmsTest Failed		Samsung SM-A307FN	12-10-20 15:08:44	airtel	Click here
Major	Receiving SmsTest Failed	TimeOut (timer 30secs)	Samsung SM-A307FN	12-10-20 14:56:48	airtel	Click here
Critical	CallTest Failed	CALL_SETUP_FAILURE	Samsung SM-A307FN	12-10-20 14:56:13	airtel	Click here



Feature ID 1019: Added Latitude/Longitude for failed test and Threshold Crossing Alerts in the export view

Now the export from alarm panel will also include GPS location information in export as shown below. Useful when user wants to generate report locations where the failure has occurred.

Search for Campaign

Alarms : 12-10-20 05:29:59 - 13-10-20 05:29:59 (UTC +05:30) Export All Alarms : 122 Last 24 Hours Custom Query

Severity	Alarm Test (Test Type)	Failure Cause	Device Name	Event Start Time	Operator Name	Alarm Details
Critical	StreamTest Failed	INTERRUPTED	Samsung SM-A307FN	12-10-20 15:34:39	airtel	Click here
Major	Receiving SmsTest Failed	TimeOut (timer 30secs)	Samsung SM-A307FN	12-10-20 15:27:20	airtel	Click here
Critical	CallTest Failed	CALL_SETUP_FAILURE	Samsung SM-A307FN	12-10-20 15:26:47	airtel	Click here
Major	Receiving SmsTest Failed	TimeOut (timer 30secs)	Samsung SM-A307FN	12-10-20 15:23:42	airtel	Click here
Major	Receiving SmsTest Failed	TimeOut (timer 30secs)	Samsung SM-A307FN	12-10-20 15:12:20	airtel	Click here
Critical	CallTest Failed	CALL_SETUP_FAILURE	Samsung SM-A307FN	12-10-20 15:11:48	airtel	Click here
Major	Receiving SmsTest Failed	TimeOut (timer 30secs)	Samsung SM-A307FN	12-10-20 15:08:44	airtel	Click here
Major	Receiving SmsTest Failed	TimeOut (timer 30secs)	Samsung SM-A307FN	12-10-20 14:56:48	airtel	Click here
Critical	CallTest Failed	CALL_SETUP_FAILURE	Samsung SM-A307FN	12-10-20 14:56:13	airtel	Click here

	A	B	C	D	E	F	G	H	I	J	K	L	M	N	O	P	Q
1	Severity	AlarmTest	FailureCa	DeviceNa	EventStart	EventEnd	Operator	DeviceId	UsersTest	UserEmail	Campaign	CellId/ECI	Iteration	Iteration	Latitude/Longitude	Network	Network
2	Major	Receiving TimeOut (Samsung :	#####	#####	airtel	122108-54	Release1_ testu321@40445_ air	7936296	1	NA	13.013085932470858/76.13414791412652	WIFI	LTE				
3	Critical	CallTest F: CALL_SETI	Samsung :	#####	#####	airtel	122108-54	Release1_ testu321@40445_ air	7936296	1	12	13.013085932470858/76.13414791412652	WIFI	LTE			
4	Major	Receiving TimeOut (Samsung :	#####	#####	airtel	122108-54	Release1_ testu321@40445_ air	7936296	1	NA	13.013085932470858/76.13414791412652	WIFI	LTE				
5	Major	Receiving TimeOut (Samsung :	#####	#####	airtel	122108-54	Release1_ testu321@40445_ air	7936296	1	NA	13.013085932470858/76.13414791412652	WIFI	LTE				
6	Critical	CallTest F: CALL_SETI	Samsung :	#####	#####	airtel	122108-54	Release1_ testu321@40445_ air	7936296	1	12	13.013085932470858/76.13414791412652	WIFI	LTE			
7	Major	Receiving TimeOut (Samsung :	#####	#####	airtel	122108-54	Release1_ testu321@40445_ air	7936296	1	NA	13.013085932470858/76.13414791412652	WIFI	LTE				
8	Major	Receiving TimeOut (Samsung :	#####	#####	airtel	122108-54	Release1_ testu321@40445_ air	7936296	1	NA	13.013085932470858/76.13414791412652	WIFI	LTE				
9	Critical	CallTest F: CALL_SETI	Samsung :	#####	#####	airtel	122108-54	Release1_ testu321@40445_ air	7936296	1	12	13.013085932470858/76.13414791412652	WIFI	LTE			
10	Major	Receiving TimeOut (Samsung :	#####	#####	airtel	122108-54	Release1_ testu321@40445_ air	7936296	1	NA	13.013085932470858/76.13414791412652	WIFI	LTE				
11	Critical	CallTest F: CALL_SETI	Samsung :	#####	#####	airtel	122108-54	Release1_ testu321@40445_ air	7936296	1	121	13.013085932470858/76.13414791412652	WIFI	LTE			
12	Critical	UploadTe: Read time	Samsung :	#####	#####	airtel	8.37E+63	01test_AU testu321@40445_ air	1.81E+08	1	NA	13.9319075/75.56169938	LTE	LTE			
13	Major	PingTest F ERROR	Samsung :	#####	#####	airtel	8.37E+63	01test_AU testu321@40445_ air	1723136	1	NA	13.9319075/75.56169938	LTE	LTE			
14	Major	Receiving TimeOut (Samsung :	#####	#####	airtel	122108-54	Release1_ testu321@40445_ air	7936296	1	NA	13.013085932470858/76.13414791412652	WIFI	LTE				
15	Critical	CallTest F: CALL_SETI	Samsung :	#####	#####	airtel	122108-54	Release1_ testu321@40445_ air	7936296	1	12	13.013085932470858/76.13414791412652	WIFI	LTE			
16	Major	Receiving TimeOut (Samsung :	#####	#####	airtel	122108-54	Release1_ testu321@40445_ air	7936296	1	NA	13.013085932470858/76.13414791412652	WIFI	LTE				
17	Major	Receiving TimeOut (Samsung :	#####	#####	airtel	8.37E+63	01test_AU testu321@40445_ air	2.32E+08	1	NA	13.93200697/75.5615115	LTE	LTE				
18	Critical	UploadTe: Timed out	Samsung :	#####	#####	airtel	8.37E+63	01test_AU testu321@40445_ air	2.32E+08	1	NA	13.93200697/75.5615115	LTE	LTE			
19	Critical	Download Read time	Samsung :	#####	#####	airtel	8.37E+63	01test_AU testu321@40445_ air	1728552	1	NA	13.93200697/75.5615115	LTE	LTE			
20	Major	Receiving TimeOut (Samsung :	#####	#####	airtel	8.37E+63	01test_AU testu321@40445_ air	1.81E+08	1	NA	13.93200385/75.56150915	LTE	LTE				
21	Major	Receiving TimeOut (Samsung :	#####	#####	airtel	122108-54	Release1_ testu321@40445_ air	7936296	1	NA	13.013085932470858/76.13414791412652	WIFI	LTE				
22	Critical	CallTest F: CALL_SETI	Samsung :	#####	#####	airtel	122108-54	Release1_ testu321@40445_ air	3061032	1	12	13.013085932470858/76.13414791412652	WIFI	LTE			
23	Critical	CallTest F: CALL_SETI	Samsung :	#####	#####	airtel	122108-54	Release1_ testu321@40445_ air	7936296	1	121	13.013085932470858/76.13414791412652	WIFI	LTE			
24	Critical	UploadTe: Read time	Samsung :	#####	#####	airtel	8.37E+63	01test_AU testu321@40445_ air	1728552	1	NA	13.93200385/75.56150915	LTE	LTE			
25	Critical	CallTest F: CALL_SETI	Samsung :	#####	#####	airtel	122108-54	Release1_ testu321@40445_ air	3061002	1	121	13.013085932470858/76.13414791412652	WIFI	LTE			



Feature ID 1020: Added filter for Alarm Test Type and Operator name

Filter option as been introduced under Alarms in dashboard for user to filter the Alarm Test type and the Operator name.

The screenshot shows the Alarms dashboard with the 'Alarm Test (Test Type)' filter dropdown menu open. The menu lists various failure causes with checkboxes for selection. The 'Alarms' menu item in the sidebar is highlighted.

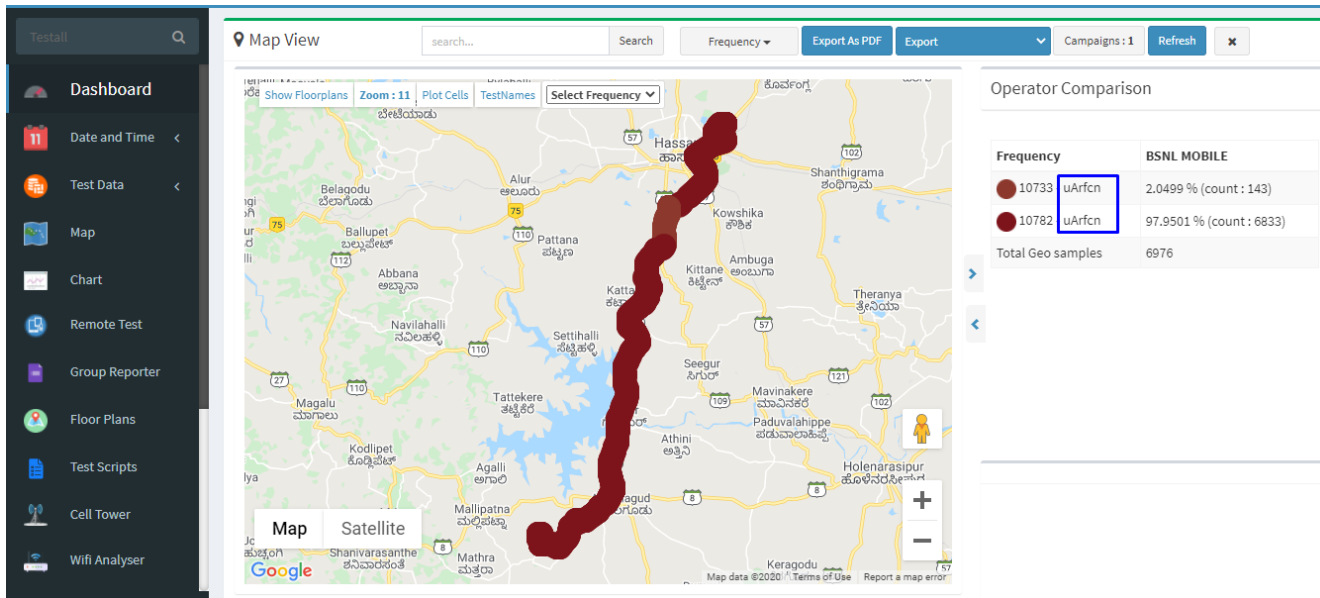
Severity	Alarm Test (Test Type)	Failure Cause	Device Name	Event Start Time	Operator Name	Alarm Details
Critical	HttpDownloadTest Failed	Abort requested	Samsung SM-G935F	21-09-20 13:55:12	airtel	Click here
Major	HTTP DL Threshold Alert	HTTP DL went below 2mbps recorded average HTTP DL ... More	Samsung SM-G935F	21-09-20 13:55:12	airtel	Click here
Critical	CallTest Failed	DROPPED	Samsung SM-G935F	21-09-20 13:54:50	airtel	Click here
Major	Receiving SmsTest Failed	TimeOut (timer 45secs)	Samsung SM-G935F	21-09-20 13:41:01	airtel	Click here
Critical	HttpUploadTest Failed	sendto failed: EPIPE (Broken pipe)	Samsung SM-G935F	21-09-20 13:40:53	airtel	Click here
Major	Receiving SmsTest Failed	TimeOut (timer 45secs)	Samsung SM-G935F	21-09-20 13:26:00	airtel	Click here
Major	Receiving SmsTest Failed	TimeOut (timer 45secs)	Samsung SM-G935F	21-09-20 13:11:30	airtel	Click here
Major	HTTP DL Threshold Alert	HTTP DL went below 2mbps recorded average HTTP DL ... More	Samsung SM-G935F	21-09-20 13:10:49	airtel	Click here
Critical	CallTest Failed	CALL_SETUP_FAILURE	Samsung SM-G935F	21-09-20 13:10:36	airtel	Click here

The screenshot shows the Alarms dashboard with the 'Operator Name' filter dropdown menu open. The menu lists operators with checkboxes for selection. The 'Alarms' menu item in the sidebar is highlighted.

Severity	Alarm Test (Test Type)	Failure Cause	Device Name	Event Start Time	Operator Name	Alarm Details
Critical	HttpDownloadTest Failed	Abort requested	Samsung SM-G935F	21-09-20 13:55:12	airtel	Click here
Major	HTTP DL Threshold Alert	HTTP DL went below 2mbps recorded average HTTP DL ... More	Samsung SM-G935F	21-09-20 13:55:12	airtel	Click here
Critical	CallTest Failed	DROPPED	Samsung SM-G935F	21-09-20 13:54:50	airtel	Click here
Major	Receiving SmsTest Failed	TimeOut (timer 45secs)	Samsung SM-G935F	21-09-20 13:41:01	airtel	Click here
Critical	HttpUploadTest Failed	sendto failed: EPIPE (Broken pipe)	Samsung SM-G935F	21-09-20 13:40:53	airtel	Click here
Major	Receiving SmsTest Failed	TimeOut (timer 45secs)	Samsung SM-G935F	21-09-20 13:26:00	airtel	Click here
Major	Receiving SmsTest Failed	TimeOut (timer 45secs)	Samsung SM-G935F	21-09-20 13:11:30	airtel	Click here
Major	HTTP DL Threshold Alert	HTTP DL went below 2mbps recorded average HTTP DL ... More	Samsung SM-G935F	21-09-20 13:10:49	airtel	Click here
Critical	CallTest Failed	CALL_SETUP_FAILURE	Samsung SM-G935F	21-09-20 13:10:36	airtel	Click here

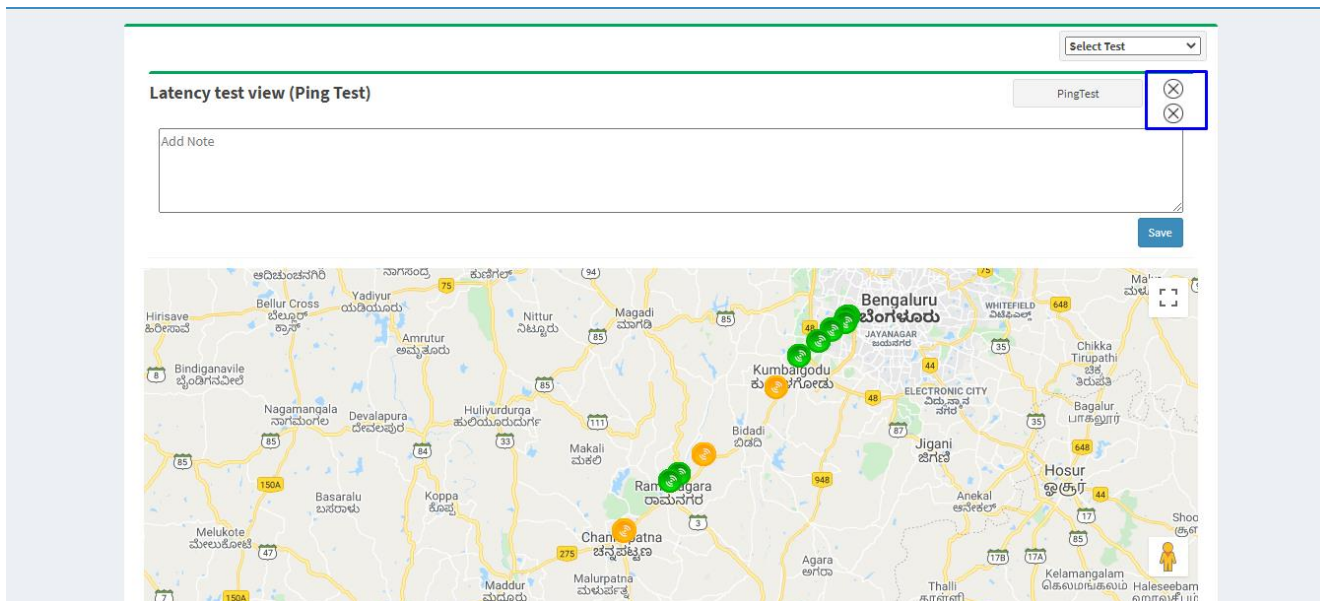
Feature ID 1021: Added additional column in the Frequency Kpi view to identify the technology

Frequency Kpi view as been introduced under Map in dashboard for user to identify the technology such as nrArfcn for 5G, EArfcn for 4G, uArfcn for 3G and bch for 2G



Feature ID 1022: Added Cancel button for all views in the Export as PDF

Cancel Button as been introduced under PDF export feature in dashboard for user to remove those elements which are not of interest to user while generating report. This feature will provide further flexibility in while generating reports.





RAN technology statistics per mobile network operator

Network Type	40471	40486
4G + 5G	0.0000%	0.0000%
4G	0.0000%	0.0000%
3G	100.0000%	100.0000%
2G	0.0000%	0.0000%
CDMA	0.0000%	0.0000%
NONNETWORK	0.0000%	0.0000%
Total Geo samples	6832	144

Cancel

⊗

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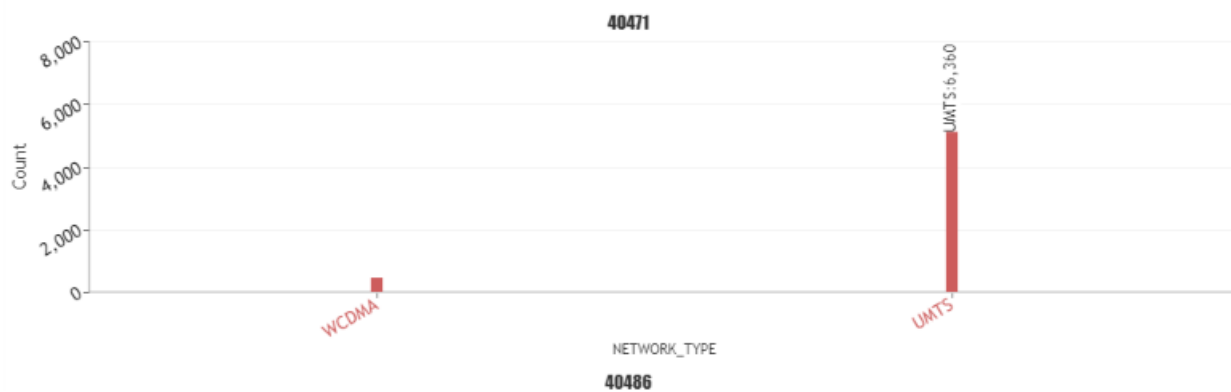
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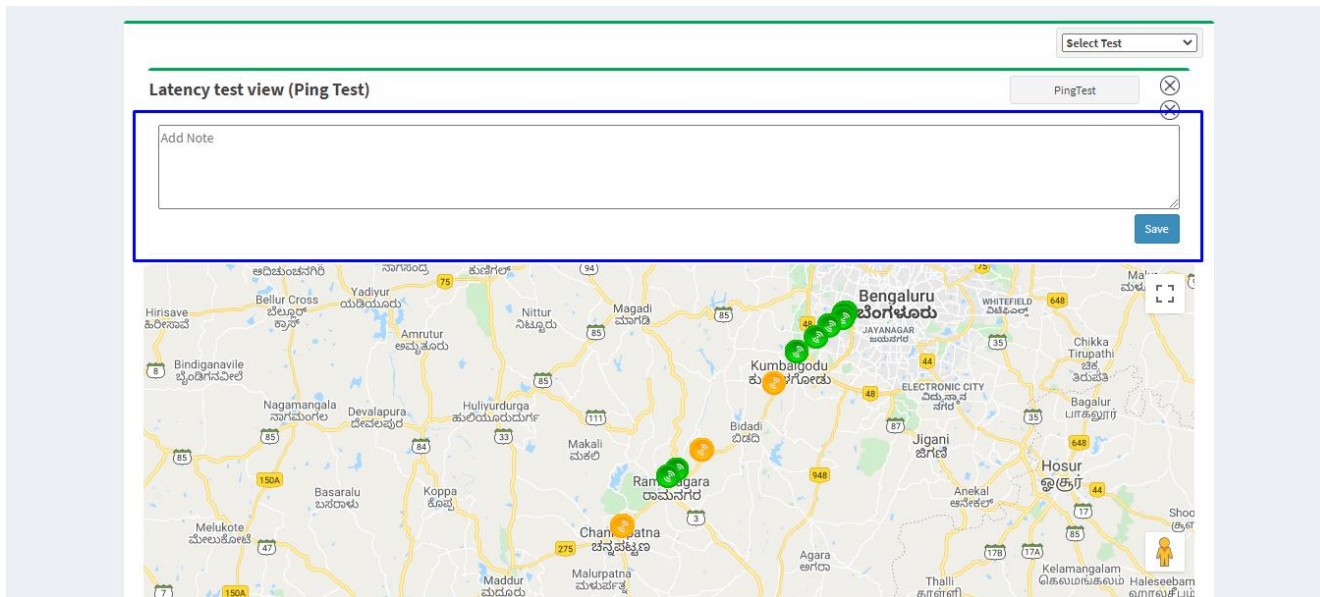
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RAN technology distribution chart per mobile network operator



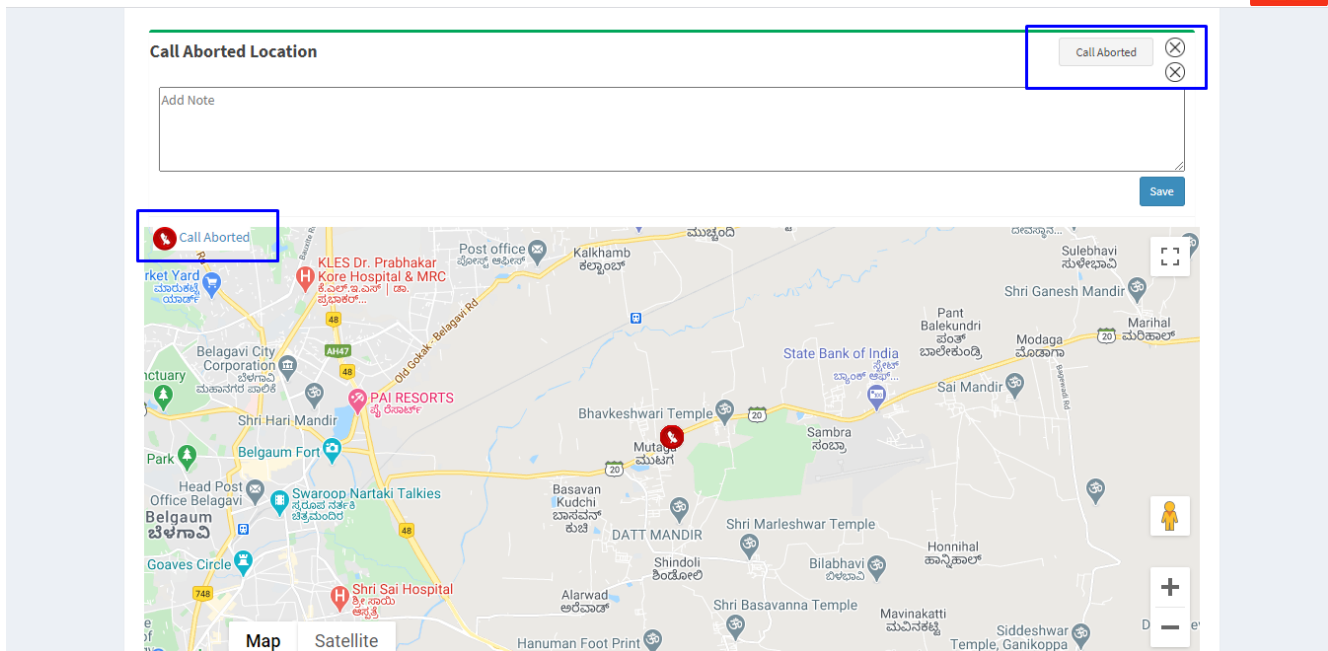
Feature ID 1023: Added Comment box on top of the map view for all views in the Export as PDF

Comment Box as been introduced under Map in dashboard for user to add notes and save. These shall be saved in PDF report.



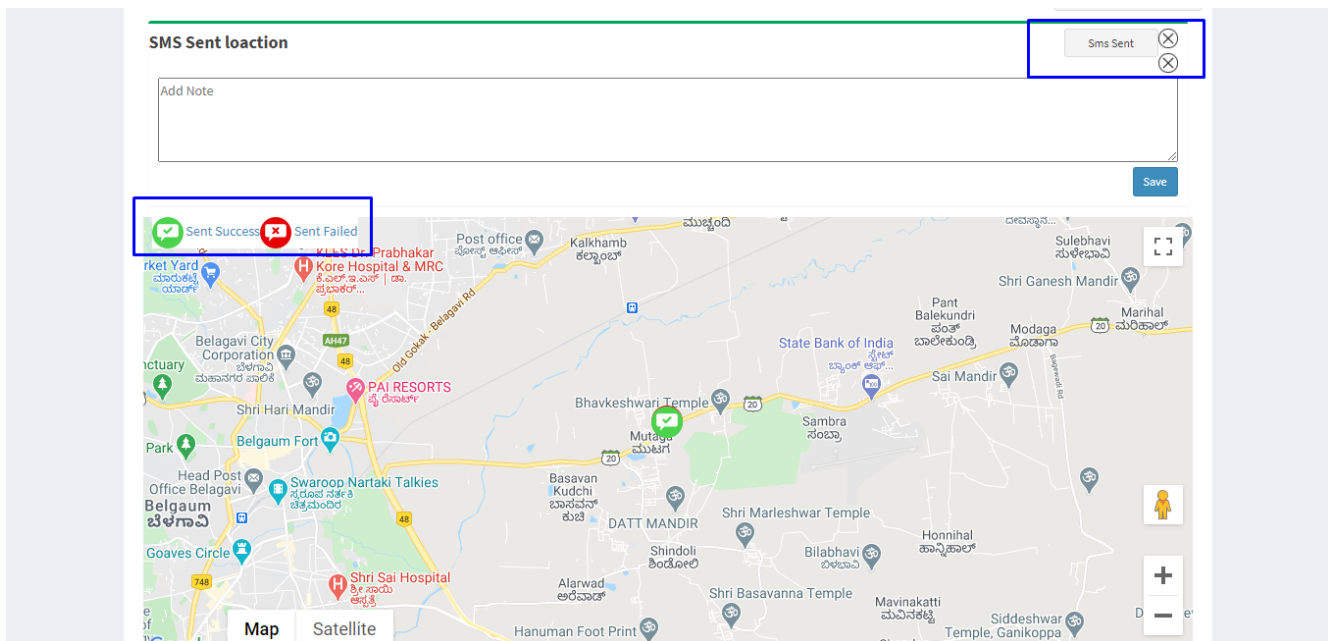
Feature ID1024: Added separate view for Calltest, Calldrop, CallAborted, CallSetupfailure and NoNetwork with dropdown option in Export as PDF

Added separate view for call test under Map in dashboard for user to view the call test scenarios separately in the PDF view.



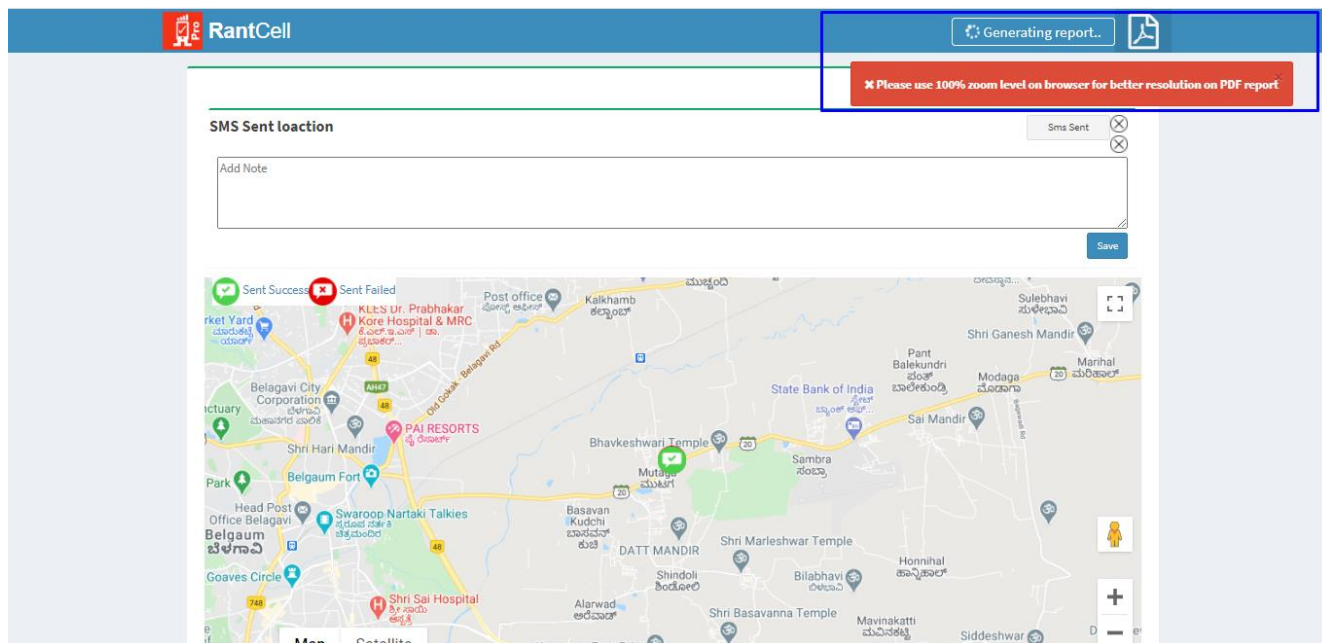
Feature ID 1025: Added separate view for Smstest, Smsent, Smsreceive and FailedSms with dropdown option in Export as PDF.

Added separate view for SMS test under Map in dashboard for user to view the SMS test scenarios separately in the PDF view.



Feature ID 1026: Added Resolution alert in the Export as PDF

Added Resolution alert to notify if browser zoom level is not 100%.



Feature ID 1027: Added Highest value tool tip for distribution graph in Export as PDF for all Test type

Added Highest value for distribution graph under Map in dashboard for user to identify the highest value in the Distribution graph view.

