



# J307/308 Factory Test Flow

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V1.73

AP: Bijeta C./ Aditya S./Jerry T

RF: Chao L./ Patrick K.



# Change History

Test time | UPH  
Online DOE Station

Test time | UPH  
MP POR Test Station

Not Used For the Build

DUT Running iOS

DUT Running EFI

Process (PD)

Assembly Station

Test time | UPH  
Offline DOE Station

Test time | UPH  
Yield Protection

Version	Updated by	Date	Comments
0.1	Bijeta C	6/26	P0 test flow first version uploaded for AP
0.2	Bijeta C	7/18	<ul style="list-style-type: none"> <li>1. USB C station Test enabled for P0</li> <li>2. Magnet Hall enabled for P0</li> </ul>
0.3	Patrick K	7/23	<ul style="list-style-type: none"> <li>1. Updated RF section</li> <li>2. Cleanup on project name</li> </ul>
0.4	Aditya S	7/25	<ul style="list-style-type: none"> <li>1. Updated SMT AP stations to align with P0 iFTR (Grape-1, SOC changed to offline and SFCT moved to MLB line)</li> <li>2. Added QT0b (fixtureless) to support pre-requisites for RAT.</li> <li>3. Changed QT1 to offline.</li> <li>4. Updated DRIs for AP stations.</li> </ul>
0.5	Patrick K	7/29	Updated RF section
0.6	Patrick K	7/30	Updated Coex Offline stations
0.7	Patrick K	7/31	Remove some SMT Offline station
0.8	Patrick K	7/31	<ul style="list-style-type: none"> <li>1. Change owner of offline station</li> <li>2. Change to Development 19 down to 4 stations</li> </ul>
0.9	Patrick K	8/2	<ul style="list-style-type: none"> <li>1. Updated Coex FATP offline station</li> <li>2. Added SMT Development 5 station</li> </ul>
1	Patrick K	8/12	Reduce from x4 to x2 WiFi BT Harmonic



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Assembly Station

Test time | UPH  
Offline DOE Station

Test time | UPH  
Yield Protection

Version	Updated by	Date	Comments
1.01	Tung Meng Yew	8/26	AIO pretty name updated
1.02	Patrick K	8/26	S1/S2/S3 2-up from 1-up
1.03	Patrick K	8/26	Added PAT station (Passive Antenna Testing)
1.04	Aditya S	9/2	1.Reassigned GH station ID for USB-C, QT0b, Mag-hall. 2.Enabled FACT21
1.05	Patrick K	9/6	1.Added TT Update Station 2.Rename AIO Wifi to CG-RAT Wifi and AIO Cell to CG-RAT Cell
1.06	Aditya S	9/10	1.Added Scorpius Char station /Scorpius Touch Coex station 2.Added SICLOPS station
1.07	Patrick K	9/13	Added P1 section
1.08	Patrick K	9/14	Updated P1 section. Many changes, still on going.
1.09	Patrick K	9/16	- rename RAT to DEV28 - Rename TT update to RAT
1.1	Patrick K	9/19	Major update of P1 flow
1.11	Jerry T	9/20	Moved Scorpius Touch Coex after Grape test2
1.12	Patrick K	9/20	Updated RSE station
1.14	Jerry T	9/23	Disable Grape test in P0
1.15	Jerry T	9/24	1.add Pre-burn MMI after CT2 2.Replace SAF with FDR-Seal
1.16	Jerry T	9/25	Removed iSD test



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Test time | UPH  
Offline DOE Station

Test time | UPH  
Yield Protection

Version	Updated by	Date	Comments
1.17	Patrick K	9/26	P1 Development19 updated
1.18	Patrick K	9/26	P1 Desense Offline station updated
1.19	Jerry T	10/08	Added Scorpius Display Coex/Scorpius CPU Coex/Scorpius Camera Coex station/Scorpius Camera SPK station
1.2	Patrick K	10/09	P1 Updated Cell and WiFi section
1.21	Jerry T	10/11	Enable SOC/GRAPE-1/iPad-1/Mix QT0a/IMU_P-test/FOS/BurnIn/CCB/ALS CAL/ALS TEST/CCB/QT1/MMI for P1
1.22	Patrick K	10/11	Updated RF FATP Offline section RAT station changed to Bojay Box
1.23	Patrick K	10/11	RAT station back to Tescom box
1.24	Patrick K	10/15	Update COEX Offline Remove TT Update Change a few station to non-UI
1.25	Patrick K	10/15	Remove USB3 Desense offline station
1.26	Jerry T	10/16	1. Enable Pre-FACT for P1 2. Disable QT0b for P1
1.27	Jerry T	10/22	Updated for P1 1. Enabled LVCC 2. Enabled LVCC E2E and updated station name as Mem Margin 3. Updated LVCC,Mem Margin and Scorpius FCT position 4. Disabled Pre-FACT
1.28	Patrick K	10/23	COEX3 => 2x station REMOVE TT Update Added WiFi Ether station for cell sku (6 station)



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Test time | UPH  
Offline DOE Station

Test time | UPH  
Yield Protection

Version	Updated by	Date	Comments
1.29	Patrick K	10/23	COEX3 to 4x station
1.33	Jerry T	10/31	Updated for P1 1. Enable Pre-FACT 2. Add HSG-MAGNET
1.34	Patrick K	11/6	- Remove Ether online station - Add two Testcom DOE station - Add offline Ether station for data collection
1.36	Patrick K	11/7	Deleted Redsig-OTA-LAT-TC and Redsig-OTA-UAT-TC
1.37	Patrick K	11/8	Move location of the Ether offline station next to online
1.38	Patrick K	11/11	Remove S4 and S5. Update test time for S1/S2/S3
1.39	Jerry T	11/12	Updated for P1 1. Moved Pre-FACT after USBC 2. Enabled USBC Throughput_HDCP and Log-Collection
1.4	Jerry T	11/12	Updated for P1 1. Added CG-QT0 and CT3
1.41	Patrick K	11/13	Remove Ether offline station
1.42	Jerry T	11/15	Moved USBC DOE *before* USBC Throughput_HDCP
1.44	Patrick K	11/25	Minor update to SMT-COEX7
1.45	Jerry T	12/4	1. Add IMU offline station 2. Change MAG-HALL KB1&KB2 as Non-POR station.
1.47	Jerry T	12/12	Updated for P1 1. Move CCB after Grape 2
1.48	Patrick K	12/12	Split RAT and WiFi-BT-OTA station
1.49	Jerry T	12/14	Move IMU-p-test after USB throughput



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Test time | UPH  
Yield Protection

Version	Updated by	Date	Comments
1.5	Jerry T	12/25	- Added C3 HES residual DOE
1.51	Patrick K	1/3/2020	- Created the pre-EVT flow (just cut and paste P1 test flow.
1.52	Patrick K	1/3/2020	- Updated pre-EVT RF SMT test flow WiFi and BT stations
1.53	Patrick K	1/9/2020	<ul style="list-style-type: none"> <li>- Updated Cell-S1, Cell-S2, Cell-S3 and Cell-S4</li> <li>- Added WiFi CHAR-5GDIV and WiFi IQ-5GDIV</li> </ul>
1.54	Patrick K	1/9/2020	
1.56	Jerry T	1/15/2020	Add IMU-Atlas Loop DOE
1.57	Patrick K	1/15/2020	Updated Cell S1, S2, S3, S4, S5
1.58	Patrick K	1/16/2020	Major update on RF section due to mix up with P1 build
1.59	Patrick K	1/17/2020	Lots of RF changes
1.60	Patrick K	1/17/2020	Updated WiFi-BT W2 11ax and WiFi-BT W3
1.61	Patrick K	1/30/2020	Rename pre-EVT to P1B. Remove Offline FATP test station (redsig OTA and WiFi OTA)
1.61	Patrick K	2/3/2020	Update Antenna IQC section
1.65	Duncan Z	3/5/2020	Added CG-QT0
1.66	Duncan Z	3/6/2020	<ol style="list-style-type: none"> <li>1. Moved USBC Test to be after Pre-FACT</li> <li>2. Added SWDL EDK2 and USBC EDK2</li> </ol>
1.69	Duncan Z	3/20/2020	<ol style="list-style-type: none"> <li>1. Added PreEVT pages</li> <li>2. Moved USBC stations to be after IMU</li> <li>3. Added Mesa, PBR CAL and PBR</li> </ol>
1.70	Duncan Z	3/20/2020	<ol style="list-style-type: none"> <li>1. Added MESA DOE</li> </ol>
1.71	Patrick K	3/20/2020	Added HSG-Cable IQC station pre-EVT and P1B
1.73	Duncan Z	3/20/2020	<ol style="list-style-type: none"> <li>1. Moved MESA to be before QT1</li> </ol>



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Test time | UPH  
Yield Protection

Version	Updated by	Date	Comments
1.75	Duncan Z	3/28/2020	1. Added USBC-EDK2-DOE
1.77	Duncan Z	4/1/2020	1. Updated IQC page
1.78	Duncan Z	4/8/2020	1. USBC-Throughput-HDCP changed to be DOE





# J307/308 Factory Test Flow for PreEVT

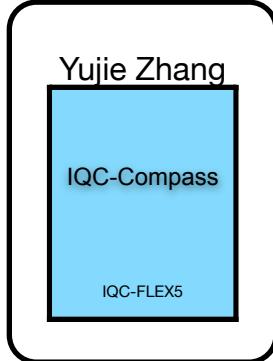
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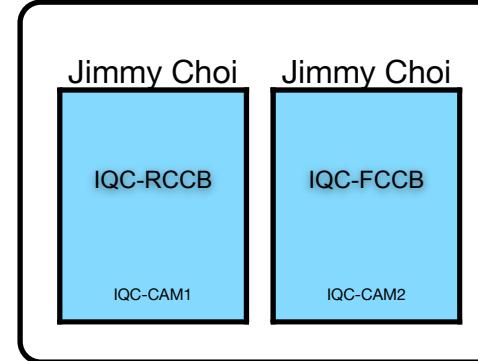
# J307/308 IQC Test Line Flow pre-EVT



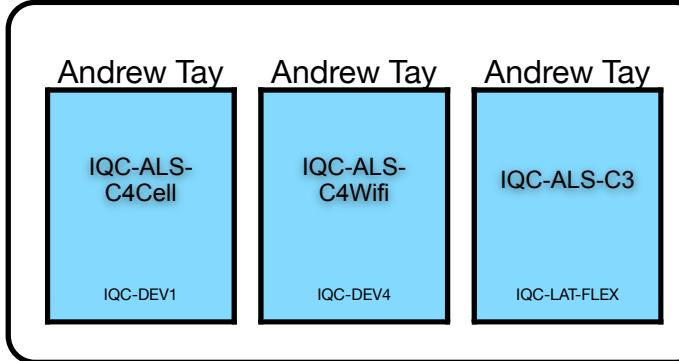
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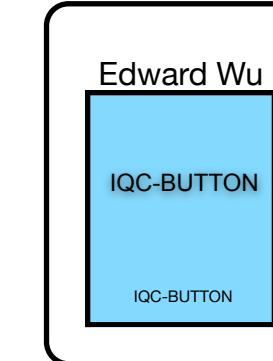
**Camera**



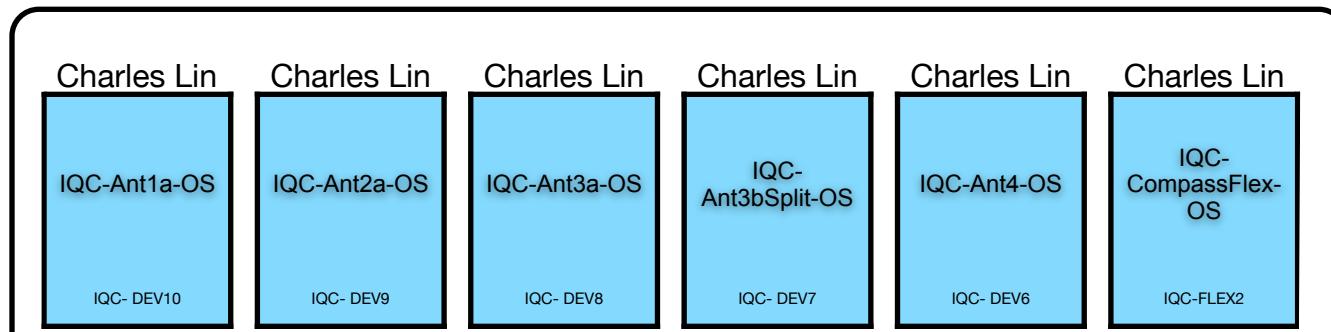
**ALS**



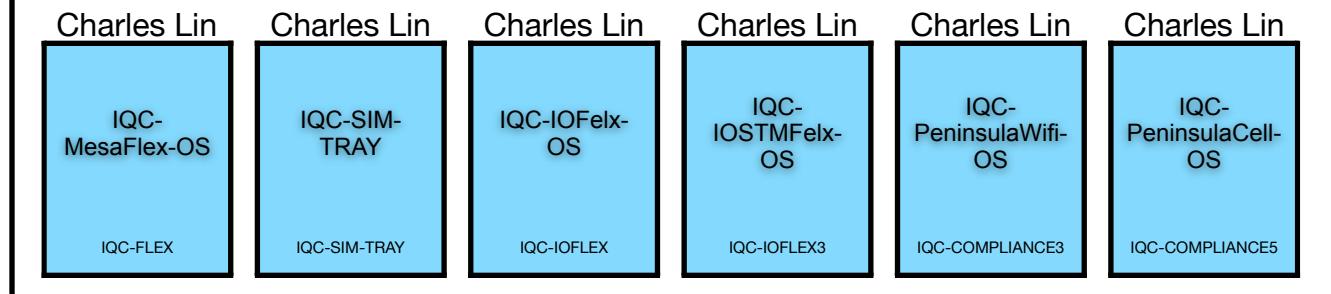
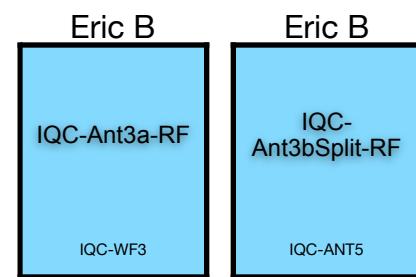
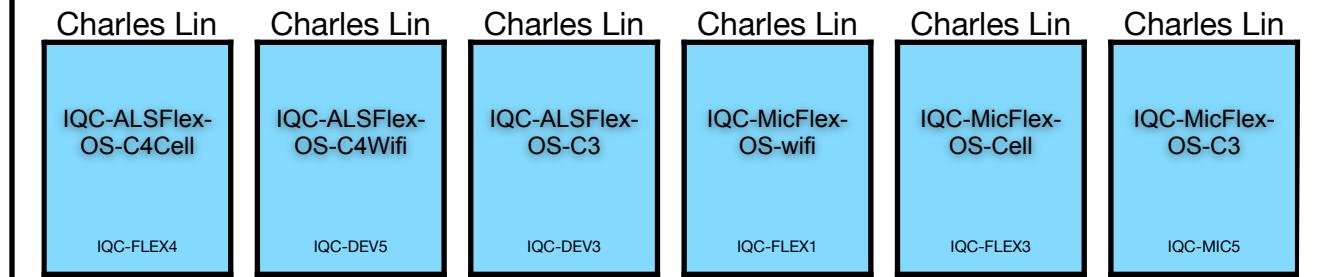
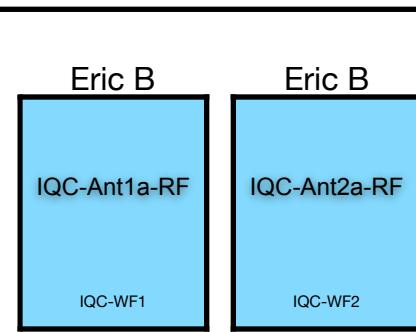
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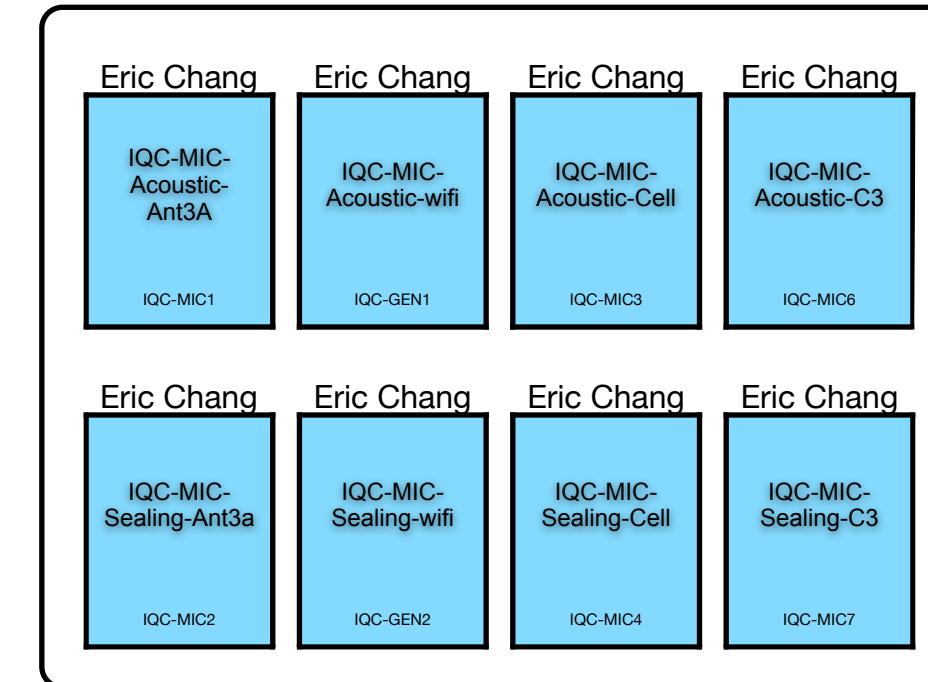
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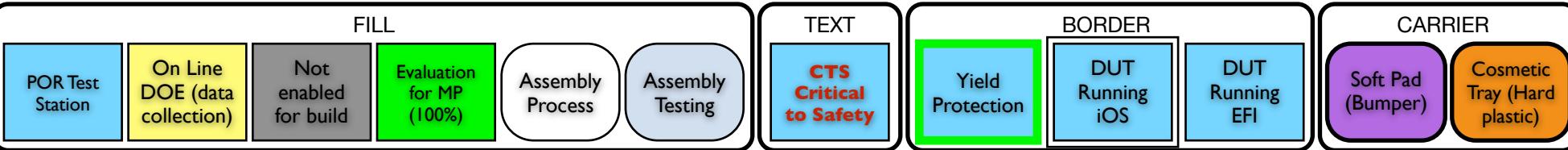
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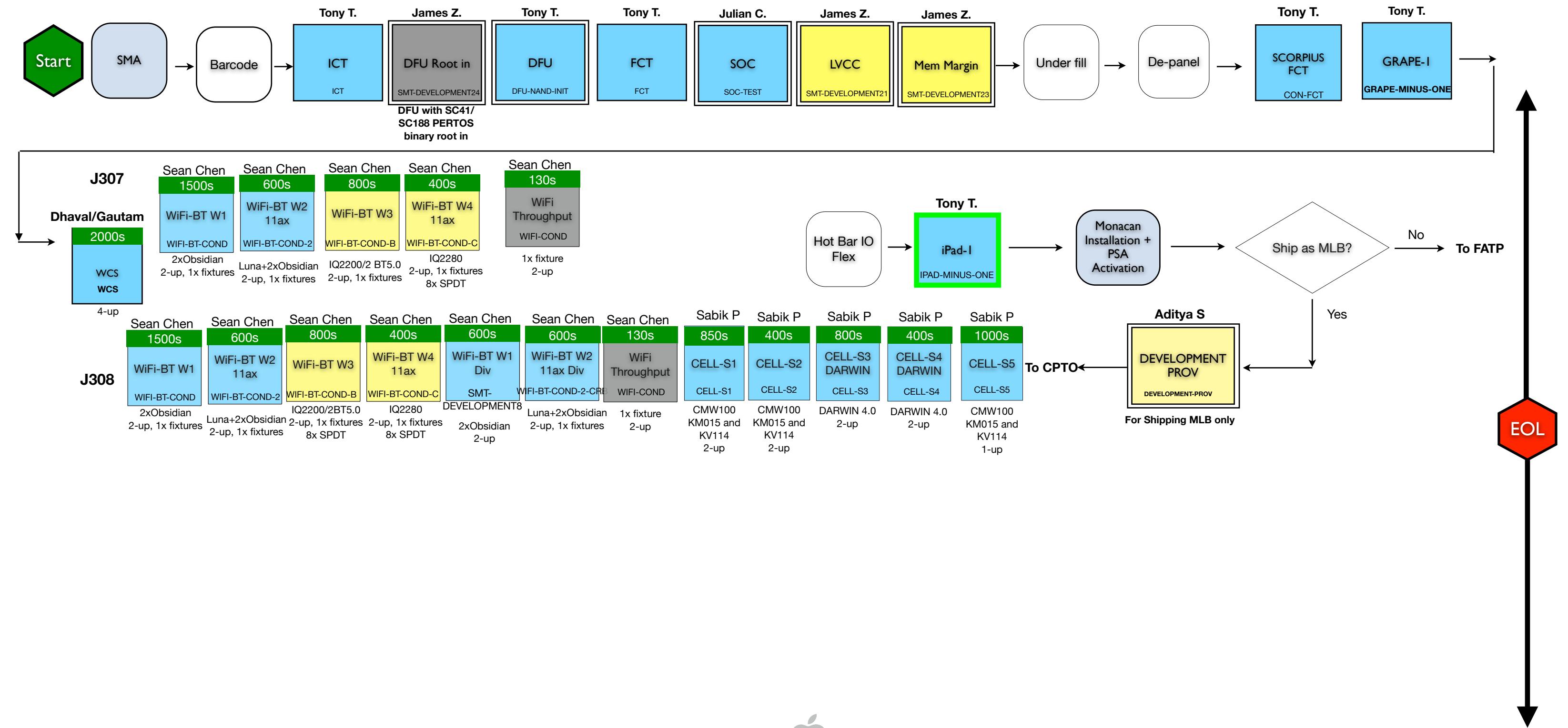
**Microphone**



# SMT J307/308 Pre-EVT SMT MLB Test Line Flow



DRI: AP & RF system TDL team



# J307/308 MLB RF Test Line Flow- Pre-EVT (Offline)

## Offline Stations - 100% Utilization

Sean Chen	Naresh Balaji	Naresh Balaji	Naresh Balaji
WIFI CHAR J307 SMT-DEVELOPMENT9	BT CHAR J307 SMT-DEVELOPMENT12	WIFI CHAR J308 SMT-DEVELOPMENT11	BT CHAR J308 SMT-DEVELOPMENT12
J307 only IQ2200/2 1x Station 1-up	J307 only IQ2200/2 with BT5.0 License 1x Station 1-up	J308 only IQ2200/2 1x Station 1-up	J308 only IQ2200/2 with BT5.0 License 1x Station 1-up
Sabik	Sabik	Sabik	Sabik
GSM WCDMA Rx Sens SMT-DEVELOPMENT1	LTE FDD Non CA Rx Sens SMT-DEVELOPMENT2	LTE TDD Rx Sens SMT-DEVELOPMENT3	LTE DLCA Rx Sens SMT-DEVELOPMENT4
CMW100/ CMW500+CMWS 1x Station 100% utilization 1-up	CMW100/ CMW500+CMWS 1x Station 100% utilization 1-up	CMW100 KV114 1x Station 100% utilization 1-up	CMW100 KV114 1x Station 100% utilization 1-up
Sabik	Sabik	Naresh Balaji	
GSM/WCDMA Tx/ Rx Linearity SMT-DEVELOPMENT5	LTE TX/RX Linearity SMT-DEVELOPMENT6 CMW100/CMW500	WiFi Assoc WIFI-COND	1x fixture 2-up
CMW100/ CMW500+CMWS 1x Station 100% utilization 1-up	KV114 1x Station 100% utilization 1-up		

## Offline COEX/Reg Stations - 100% Utilization

(to be tested with RF shield lids on)

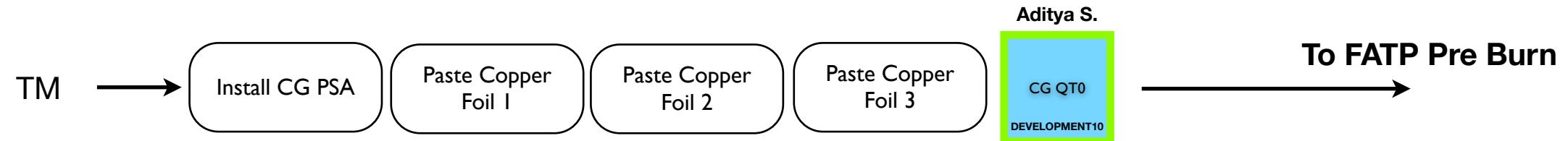
Erick W	Erick W	Erick W	Erick W	Erick W	Erick W
COEX HARMONICS UAT SMT-COEX1	COEX HARMONICS LAT SMT-COEX2	COEX CELL NON CA SMT-COEX3	COEX CELL CA SMT-COEX4	COEX WIFI 2.4G SMT-COEX5	COEX WIFI 5G SMT-COEX6
FSW13 1x Station 100% Utilization 1-up in 3-up fixture	FSW13 1x Station 100% Utilization 1-up in 3-up fixture	CMW500 6x Stations 100% Utilization 1-up in 3-up fixture	CMW500 4x Stations 100% Utilization 1-up in 3-up fixture	IQ2200 6x Stations 100% Utilization 1-up in 3-up fixture	IQ2200 4x Stations 100% Utilization 1-up in 3-up fixture
Erick W	Erick W	Erick W			
COEX WIFI ORSSI SMT-COEX7	COEX WIFI-BT-ISO SMT-COEX8	COEX GPS CELL-GPS SMT-COEX9			
IQ2200 4x Station 100% Utilization 1-up in 3-up fixture	IQ2200 2x Station 100% Utilization 1-up in 3-up fixture	CMW500 Cfg 33 4x Stations 100% Utilization 1-up in 3-up fixture			
Suhas K					
WIFI BT HARMONIC SMT-DEVELOPMENT19					
FSW26 4x Stations 100% Utilization 4-up					



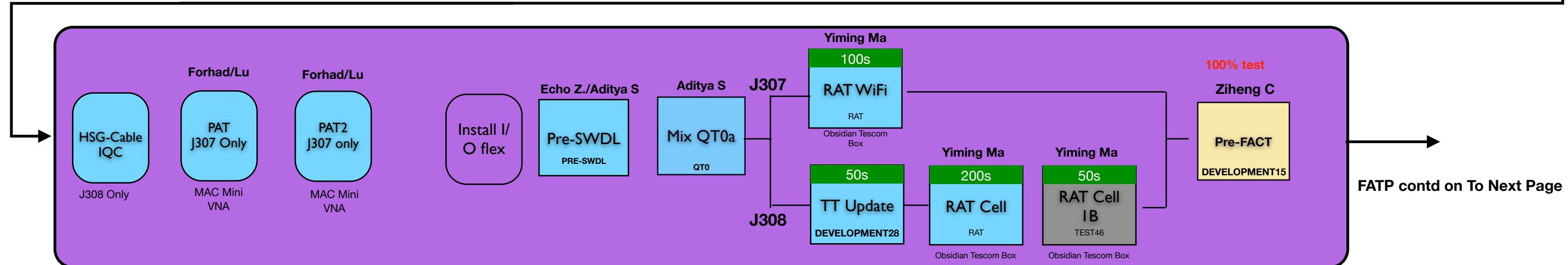
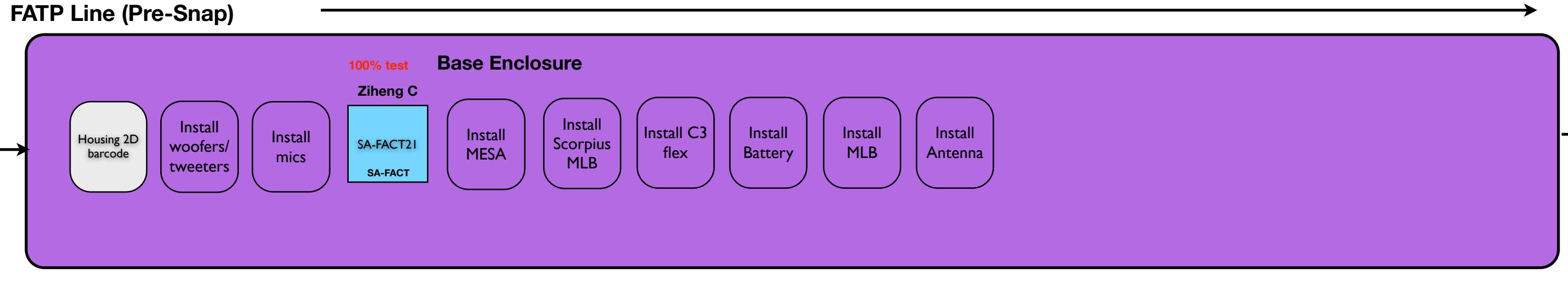
# J307/308 Pre-EVT Sub-line Test Line Flow



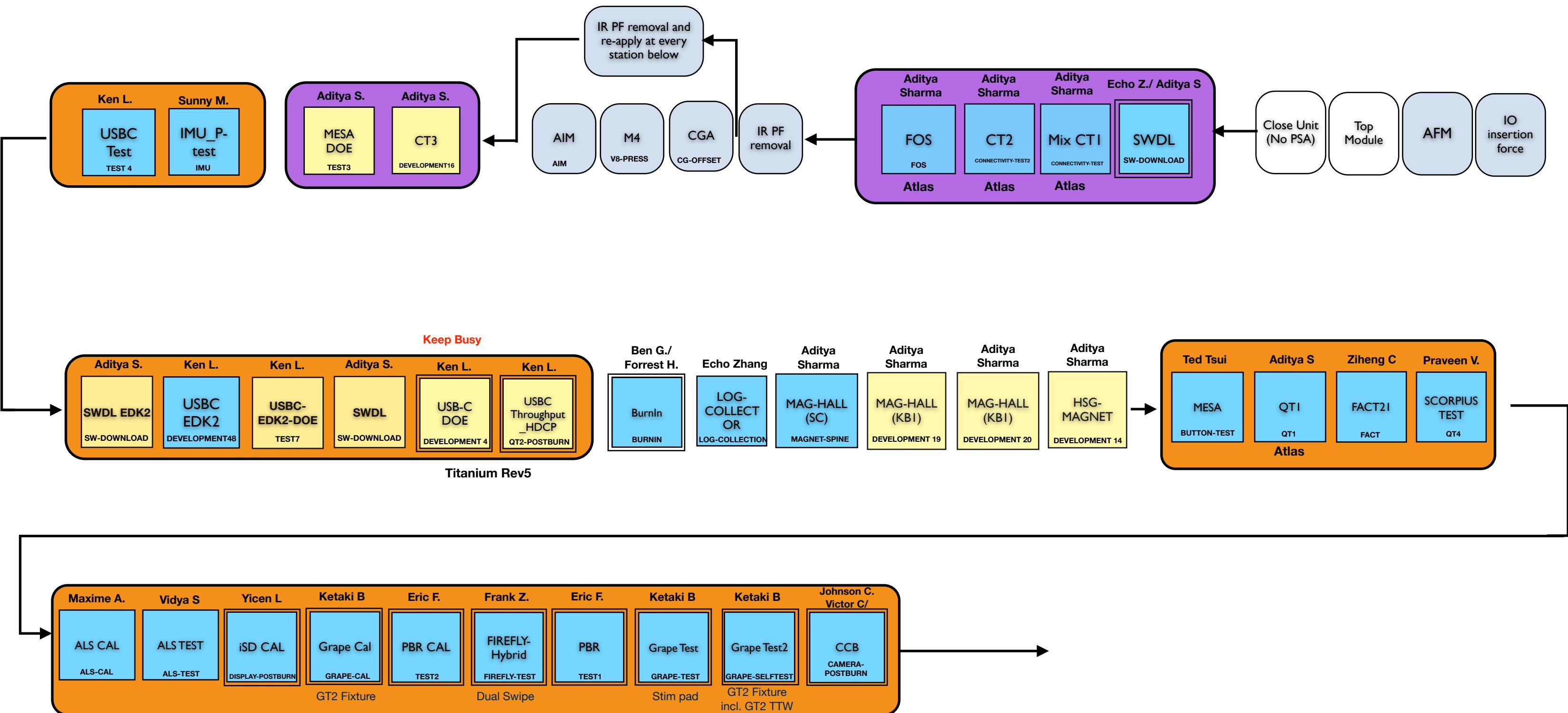
## Top Module Sub line



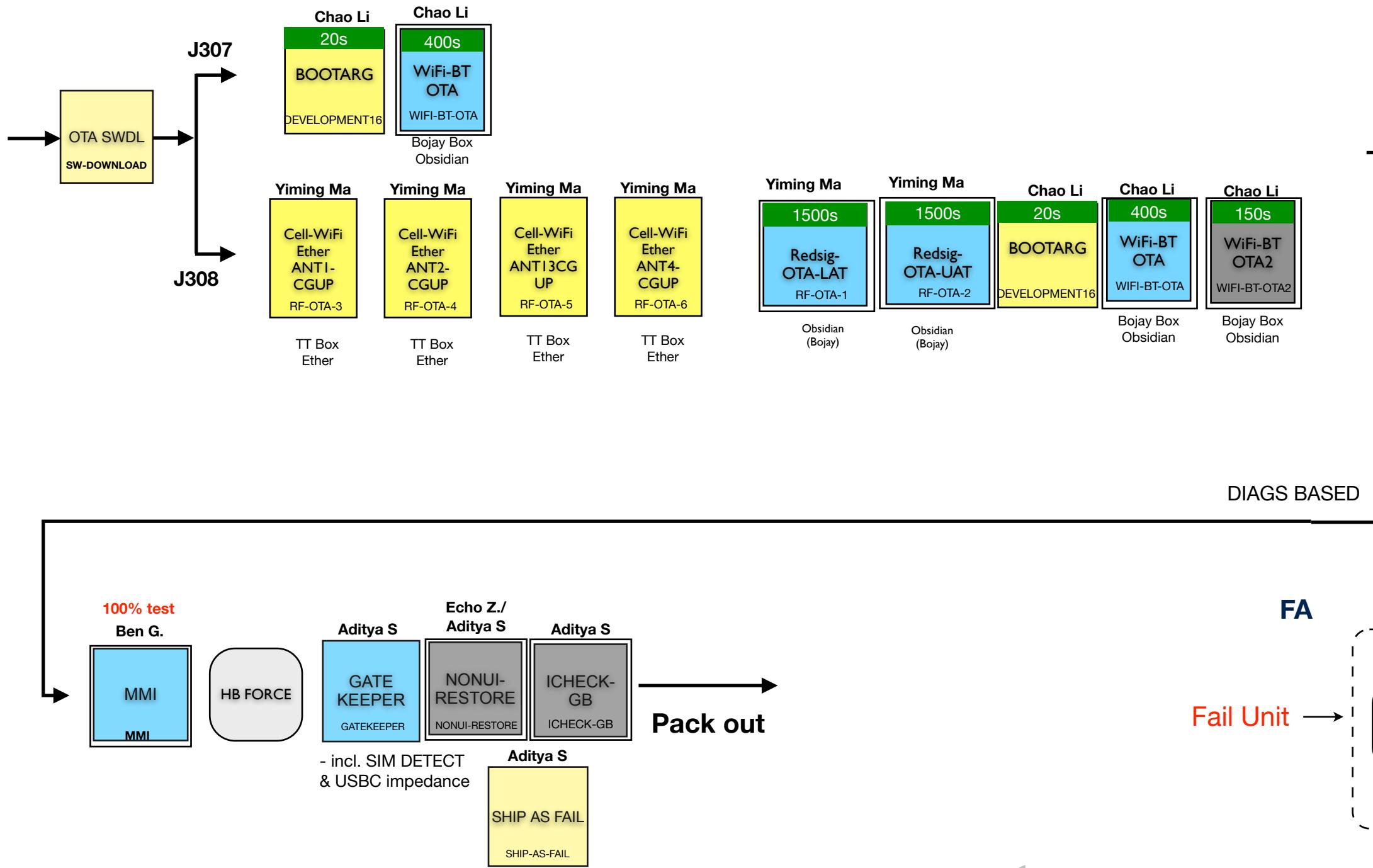
## FATP Line (Pre-Snap)



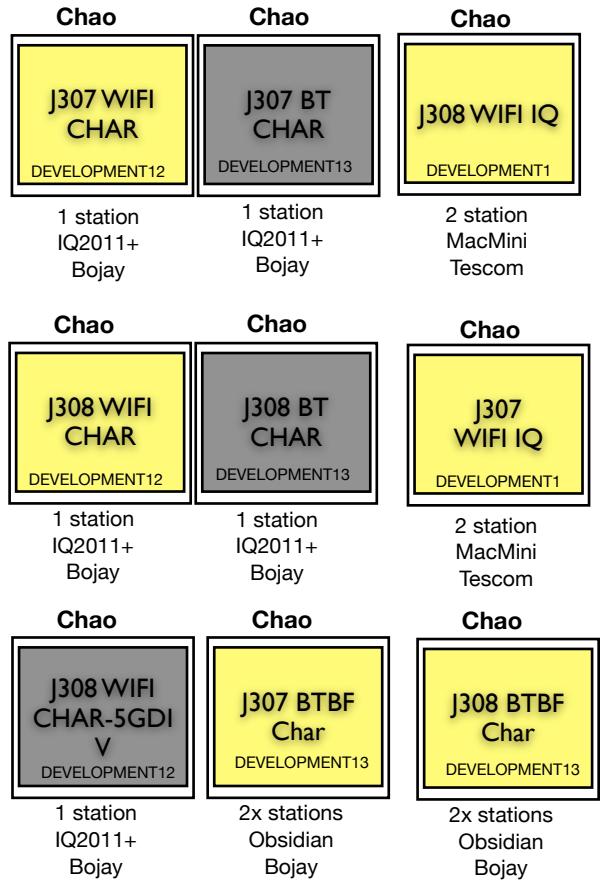
# J307/308 PreEVT FATP Test Line Flow



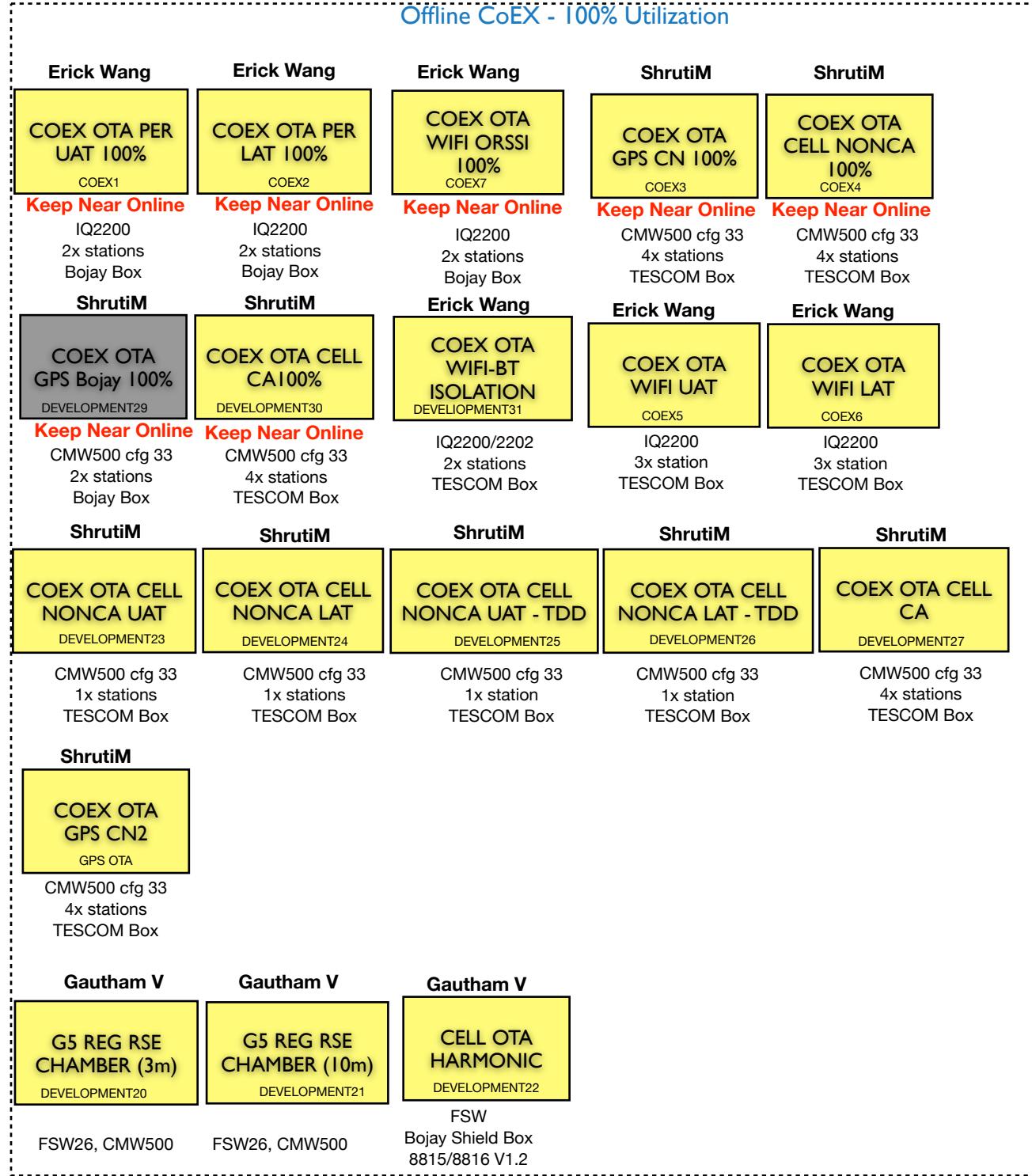
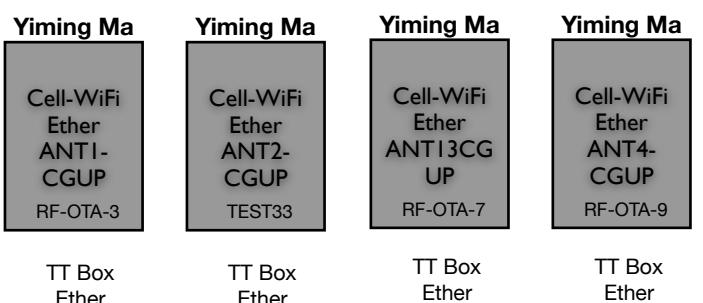
# J307/308 Pre-EVT Test Line Flow



# J307/J308 Pre-EVT FATP RF Offline Stations



**100% Utilization - Need unit before they hit OTA station**



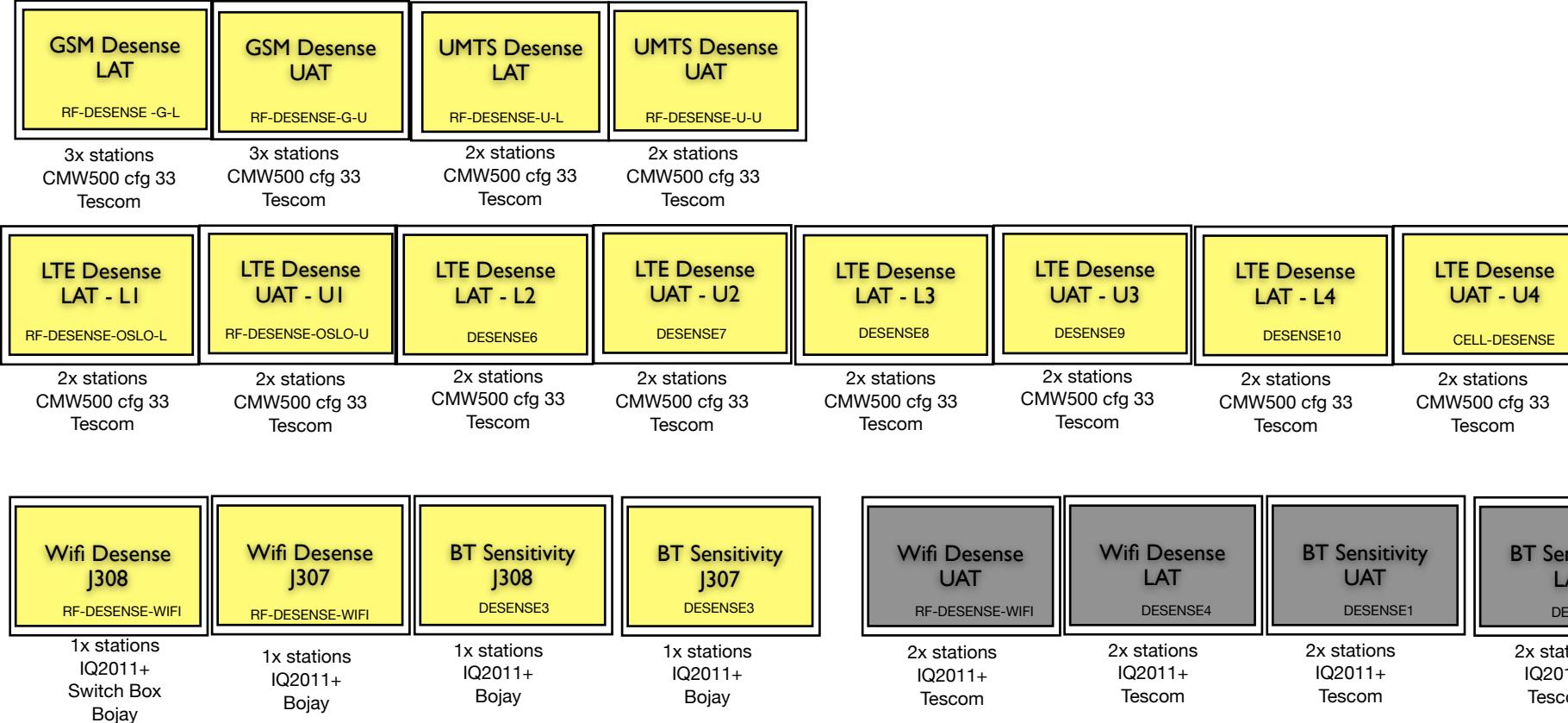
# J307/308 FATP RF Offline Stations - Pre-EVT



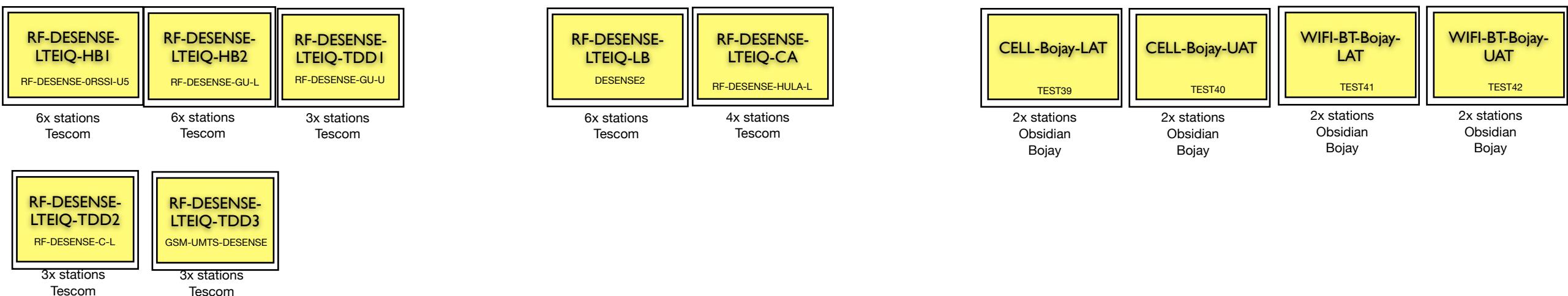
Offline Desense- 100% Utilization - Target unit quantity 30% to 40%

DRI: Nick Doan

## Desense Sensitivity Search

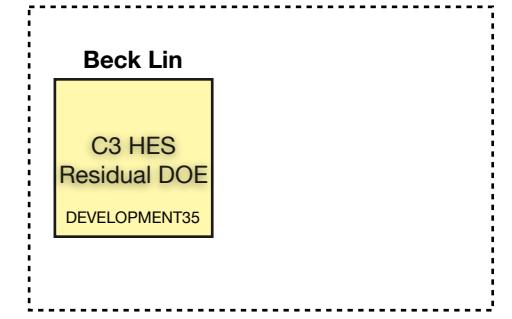
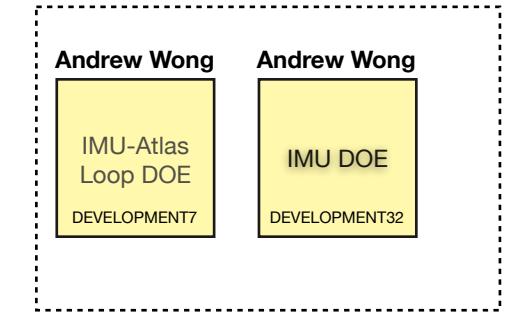
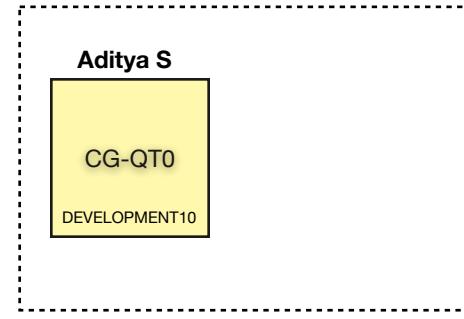
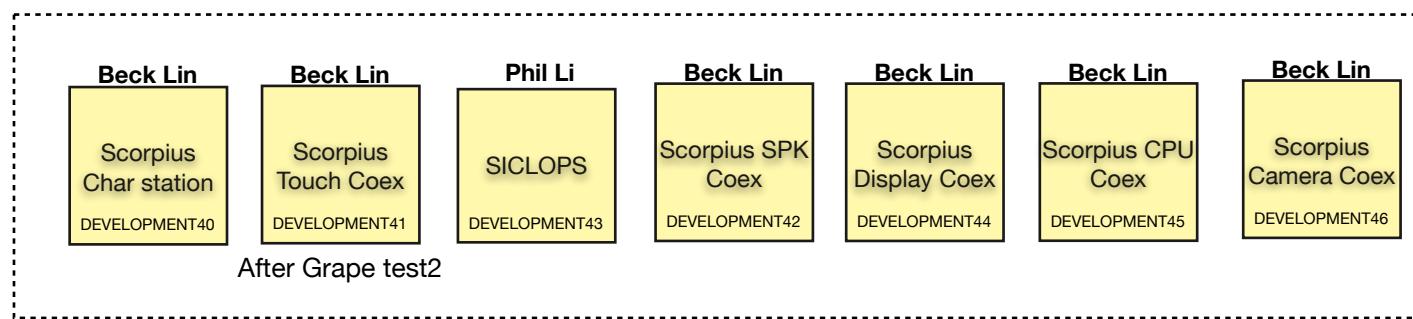
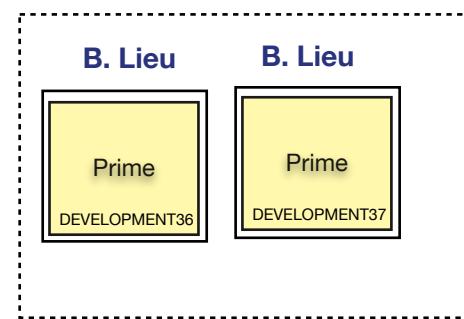


## Desense LTEIQ/ Zero RSSI



# J307/308 PreEVT FATP Test Line Flow-Offline Station

Online DOE  
Station





# J307/308 Factory Test Flow for P1B

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# J307/308 P1B IQC Test Line Flow

Test time | UPH  
Offline/ Non-POR Station

Test time | UPH  
Online POR Station

Not Used Station

DUT Running NonUI

DUT Running EFI

Process Station

## Camera

## Juliet

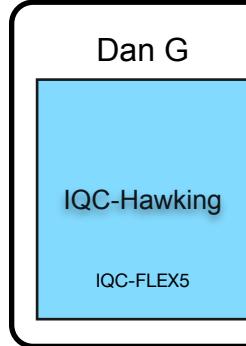
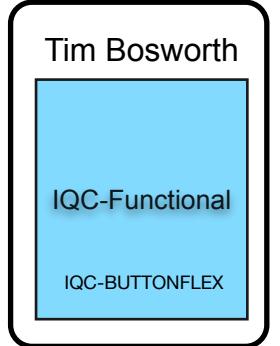
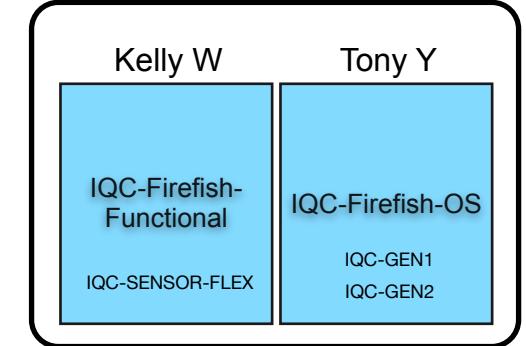
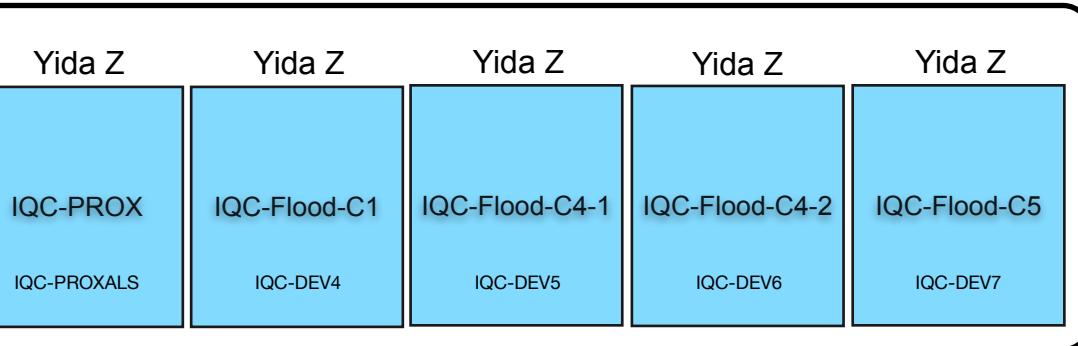
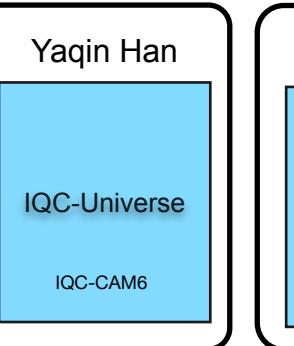
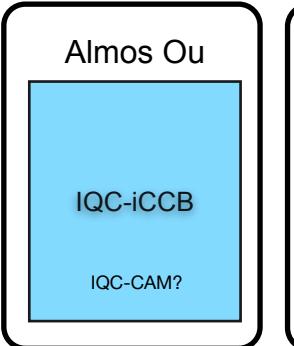
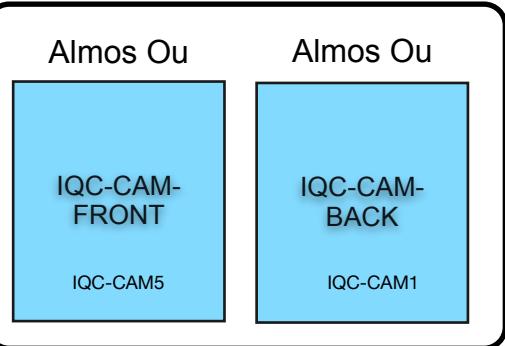
## Titus

## Rosaline

## Firefish

## Battery

## Strobe



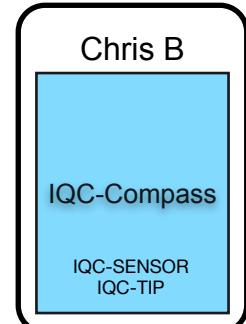
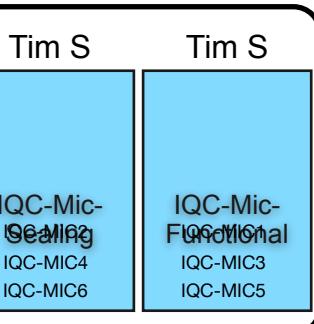
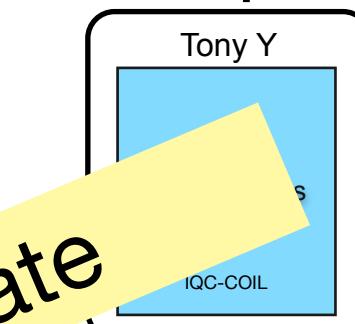
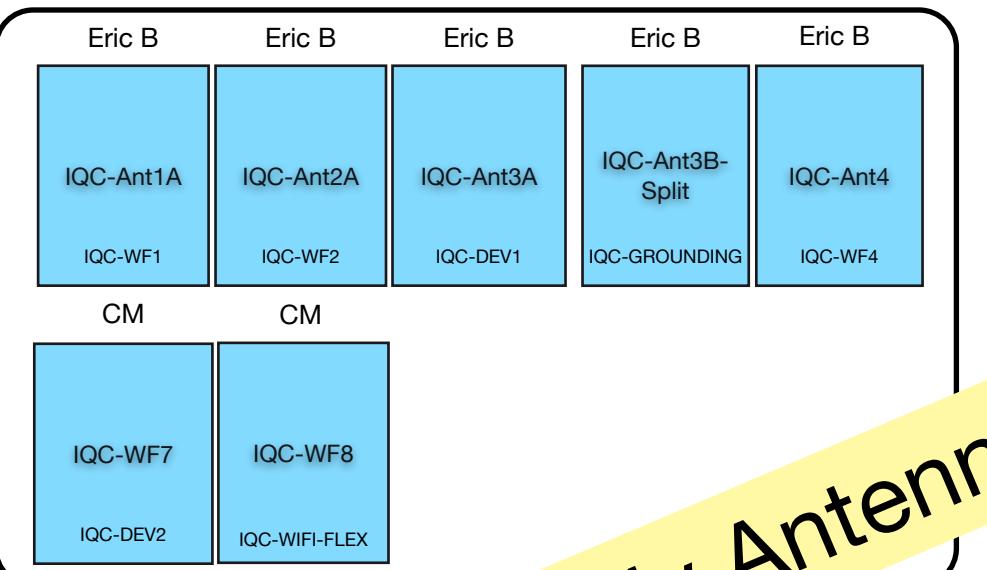
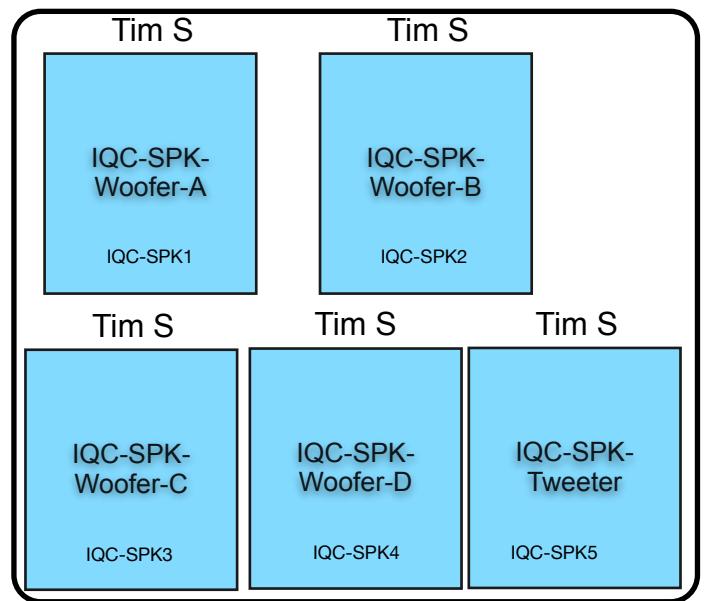
## Speaker

## Antenna

## Scorpius

## Mic

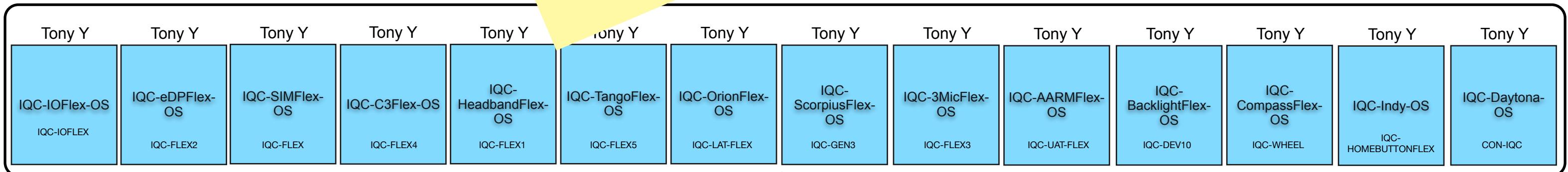
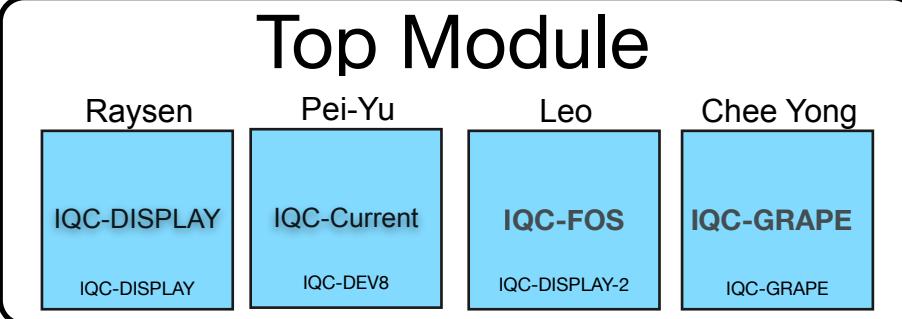
## Compass



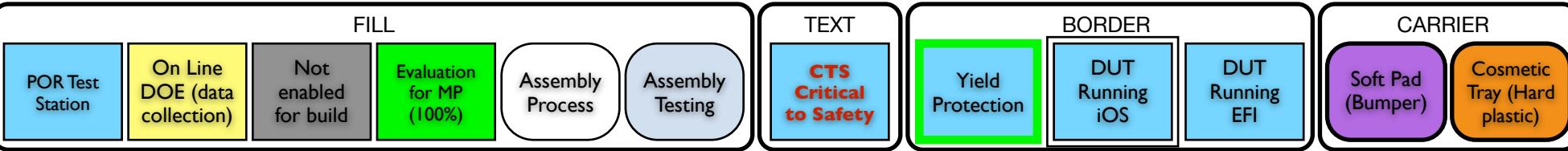
## Flexes

## Top Module

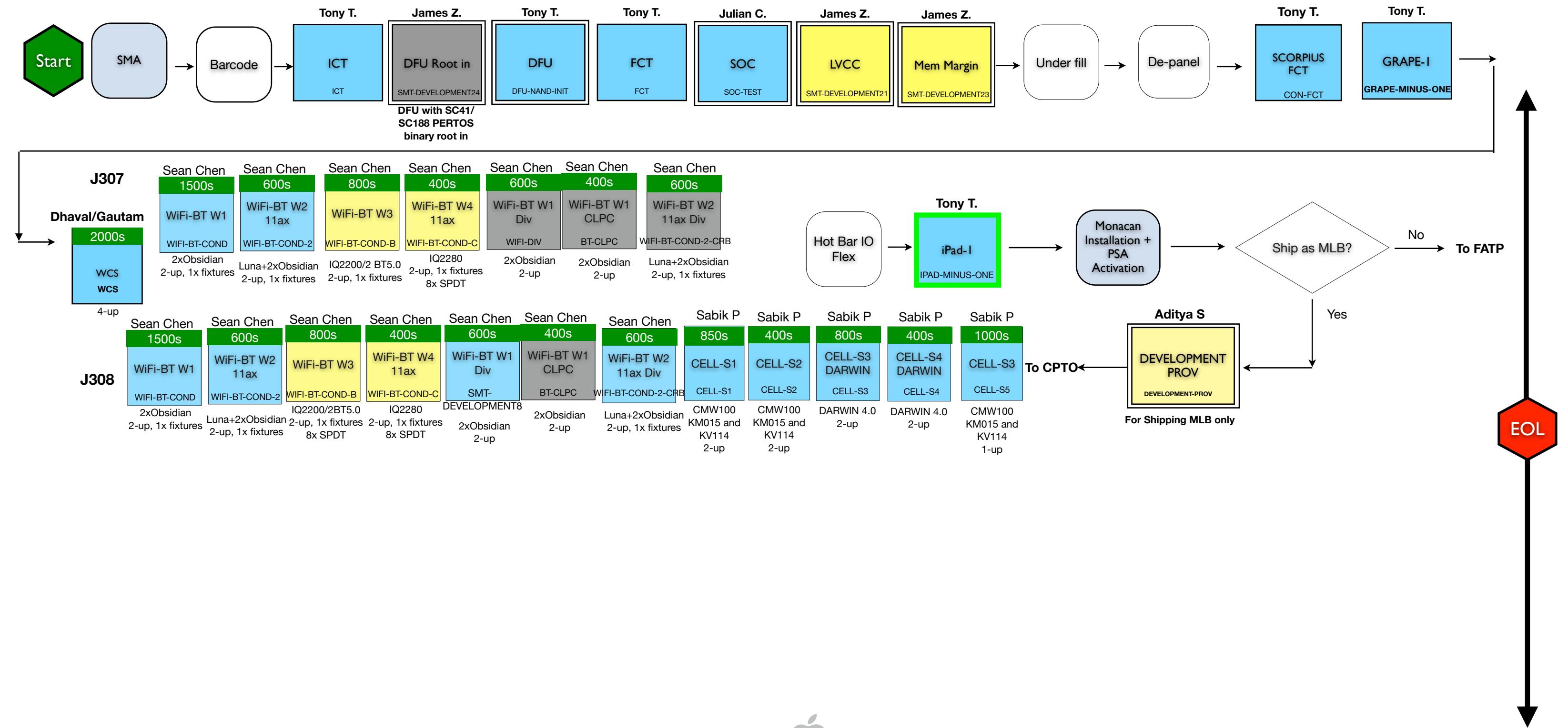
Only Antenna up to date



# SMT J307/308 P1B SMT MLB Test Line Flow



DRI: AP & RF system TDL team



# J307/308 MLB RF Test Line Flow- P1B (Offline)

## Offline Stations - 100% Utilization

Sean Chen	Naresh Balaji	Naresh Balaji	Naresh Balaji
WIFI CHAR J307 SMT-DEVELOPMENT9	BT CHAR J307 SMT-DEVELOPMENT12	WIFI CHAR J308 SMT-DEVELOPMENT11	BT CHAR J308 SMT-DEVELOPMENT12
J307 only IQ2200/2 1x Station 1-up	J307 only IQ2200/2 with BT5.0 License 1x Station 1-up	J308 only IQ2200/2 1x Station 1-up	J308 only IQ2200/2 with BT5.0 License 1x Station 1-up
Sabik	Sabik	Sabik	Sabik
GSM WCDMA Rx Sens SMT-DEVELOPMENT1	LTE FDD Non CA Rx Sens SMT-DEVELOPMENT2	LTE TDD Rx Sens SMT-DEVELOPMENT3	LTE DLCA Rx Sens SMT-DEVELOPMENT4
CMW100/ CMW500+CMWS 1x Station 100% utilization 1-up	CMW100/ CMW500+CMWS 1x Station 100% utilization 1-up	CMW100 KV114 1x Station 100% utilization 1-up	CMW100 KV114 1x Station 100% utilization 1-up
Sabik	Sabik	Naresh Balaji	
GSM/WCDMA Tx/ Rx Linearity SMT-DEVELOPMENT5	LTE TX/RX Linearity SMT-DEVELOPMENT6 CMW100/CMW500	WiFi Assoc WIFI-COND	1x fixture 2-up
CMW100/ CMW500+CMWS 1x Station 100% utilization 1-up	KV114 1x Station 100% utilization 1-up		

## Offline COEX/Reg Stations - 100% Utilization

(to be tested with RF shield lids on)

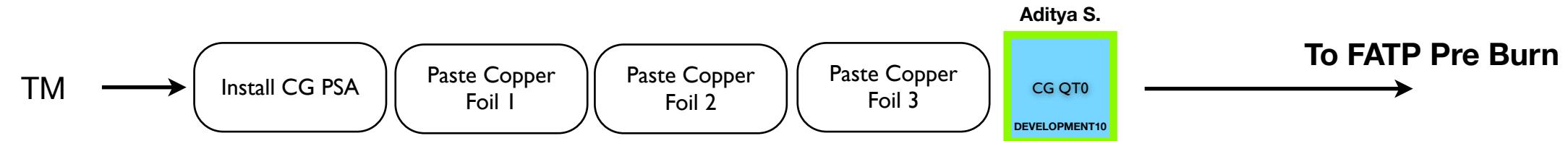
Erick W	Erick W	Erick W	Erick W	Erick W	Erick W
COEX HARMONICS UAT SMT-COEX1	COEX HARMONICS LAT SMT-COEX2	COEX CELL NON CA SMT-COEX3	COEX CELL CA SMT-COEX4	COEX WIFI 2.4G SMT-COEX5	COEX WIFI 5G SMT-COEX6
FSW13 1x Station 100% Utilization 1-up in 3-up fixture	FSW13 1x Station 100% Utilization 1-up in 3-up fixture	CMW500 6x Stations 100% Utilization 1-up in 3-up fixture	CMW500 4x Stations 100% Utilization 1-up in 3-up fixture	IQ2200 6x Stations 100% Utilization 1-up in 3-up fixture	IQ2200 4x Stations 100% Utilization 1-up in 3-up fixture
Erick W	Erick W				
COEX WIFI ORSSI SMT-COEX7	COEX GPS CELL-GPS SMT-COEX9				
IQ2200 4x Station 100% Utilization 1-up in 3-up fixture	CMW500 Cfg 33 4x Stations 100% Utilization 1-up in 3-up fixture				
Suhas K					
WIFI BT HARMONIC SMT-DEVELOPMENT19					
FSW26 4x Stations 100% Utilization 4-up					



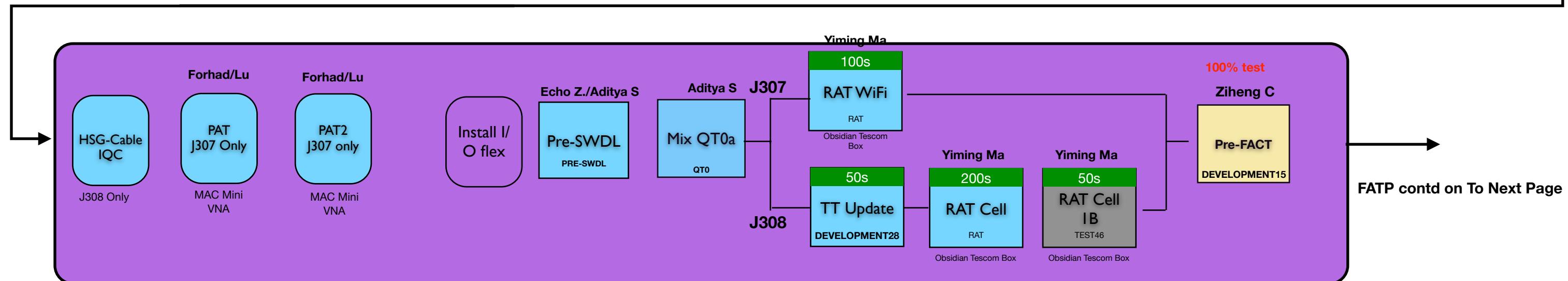
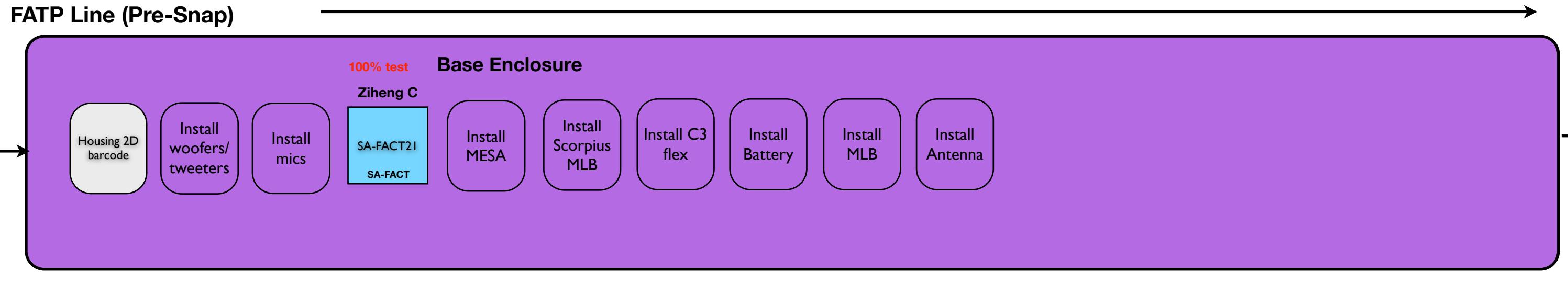
# J307/308 P1b Sub-line Test Line Flow



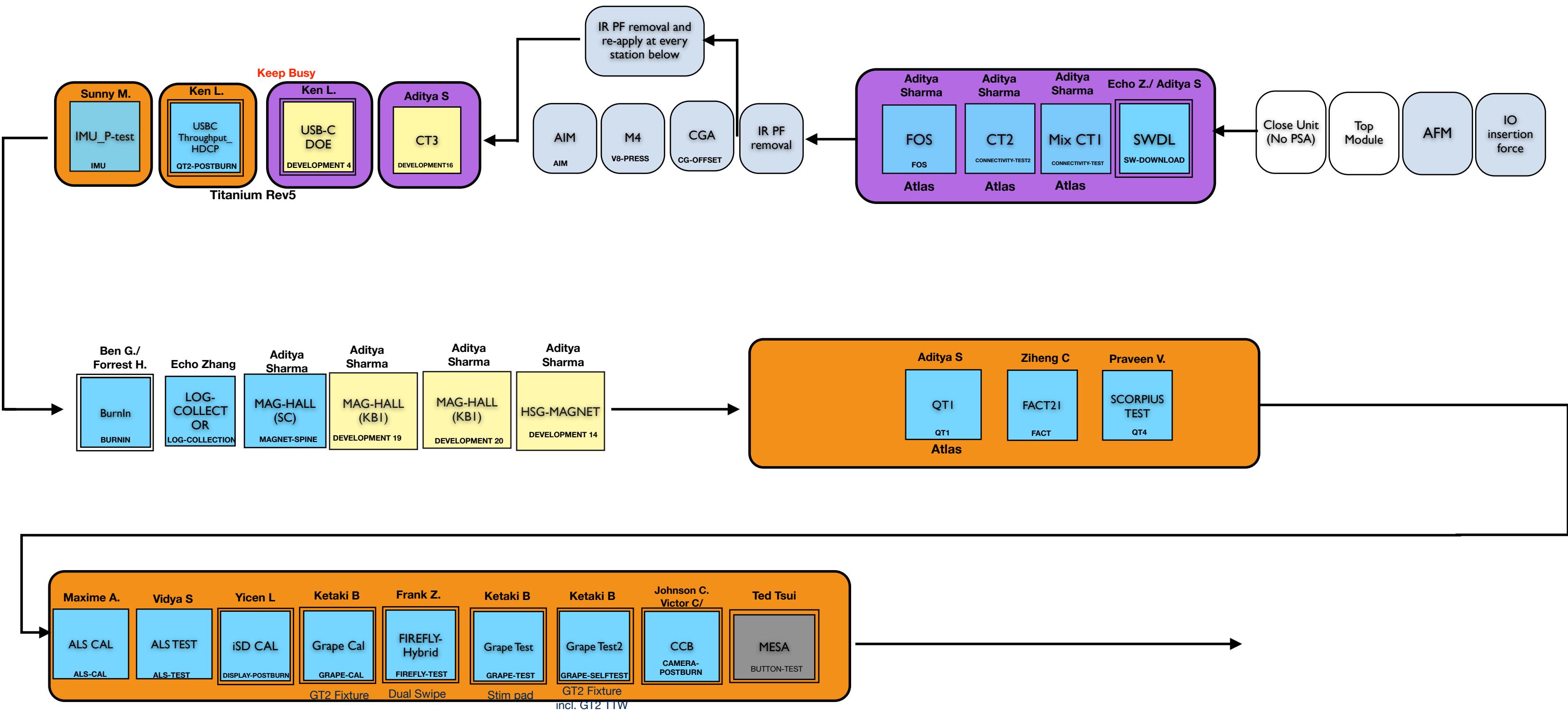
## Top Module Sub line



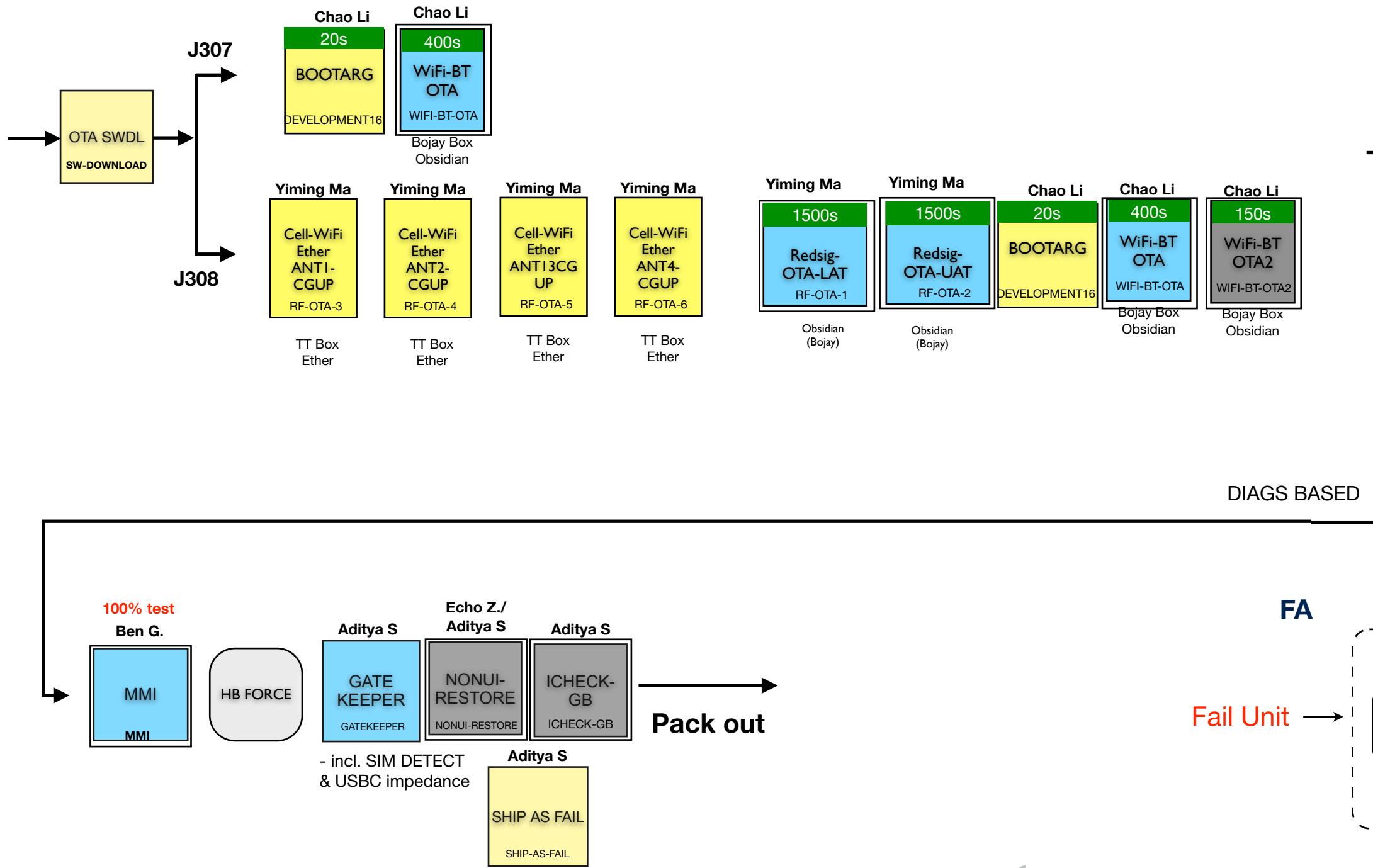
## FATP Line (Pre-Snap)



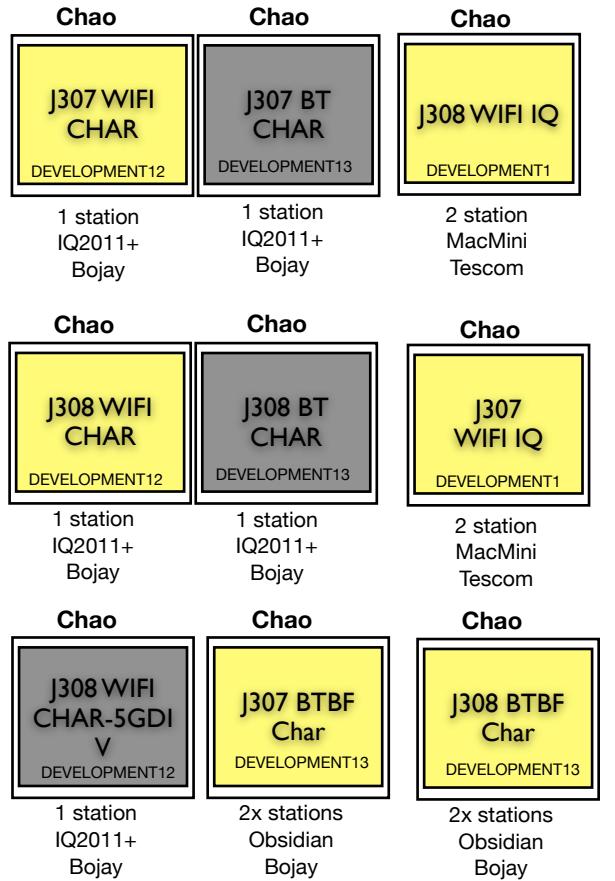
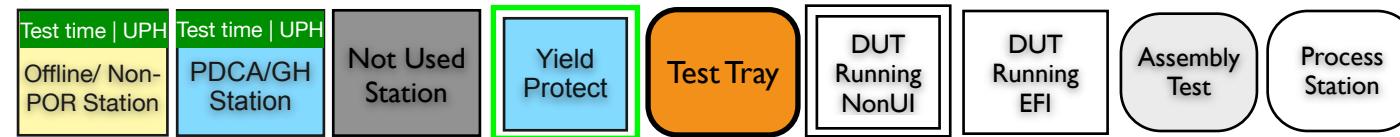
# J307/308 P1B FATP Test Line Flow



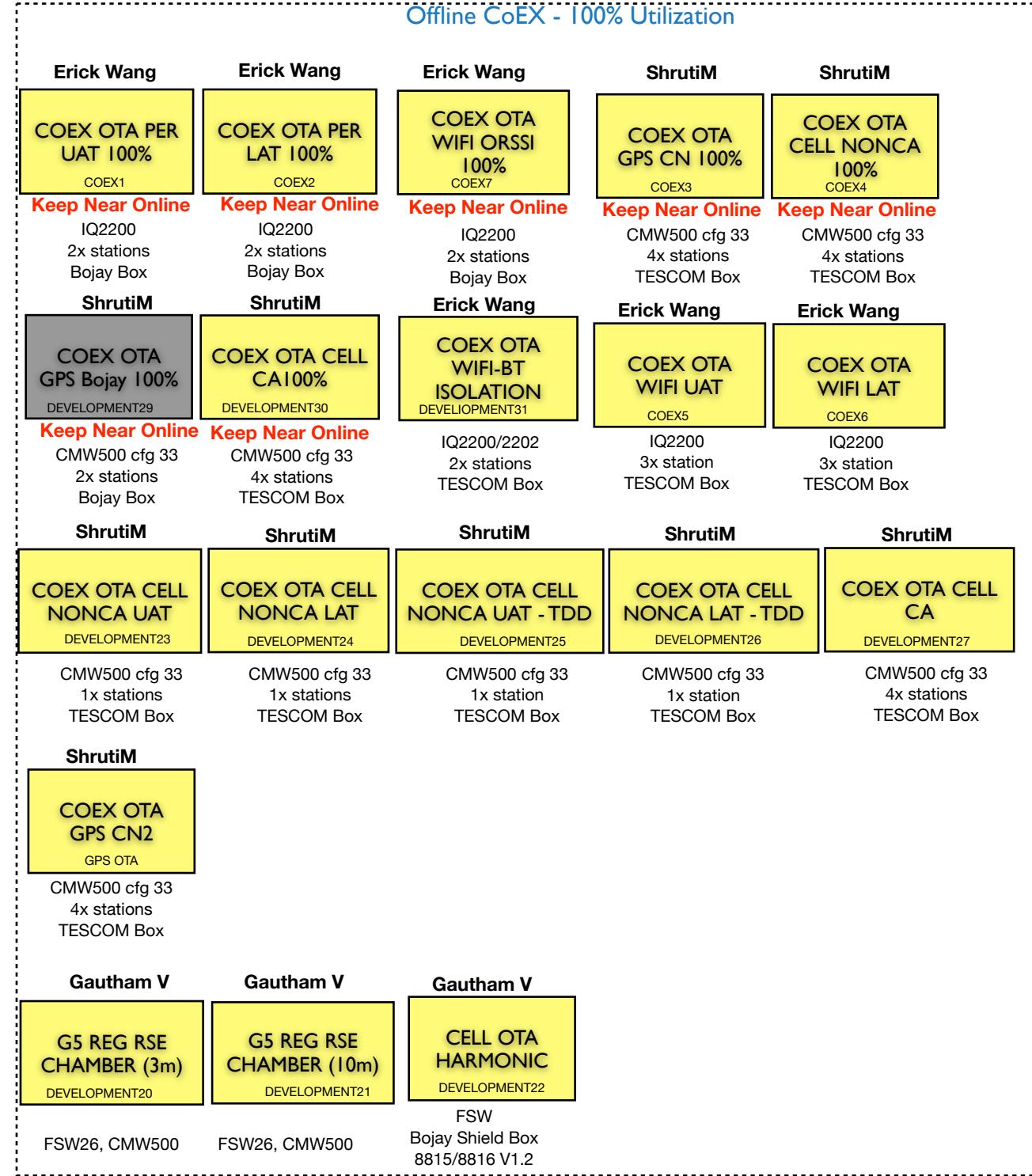
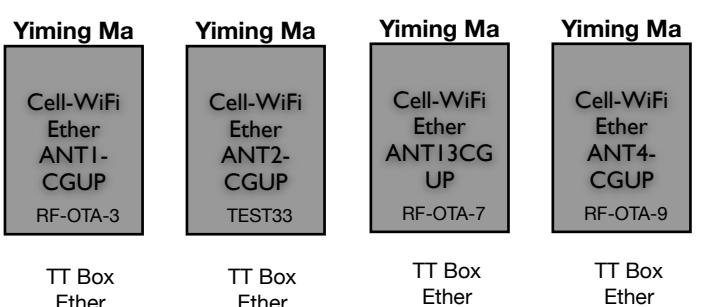
# J307/308 P1B Test Line Flow



# J307/J308 FATP RF Offline Stations P1B



100% Utilization - Need unit before they hit OTA station



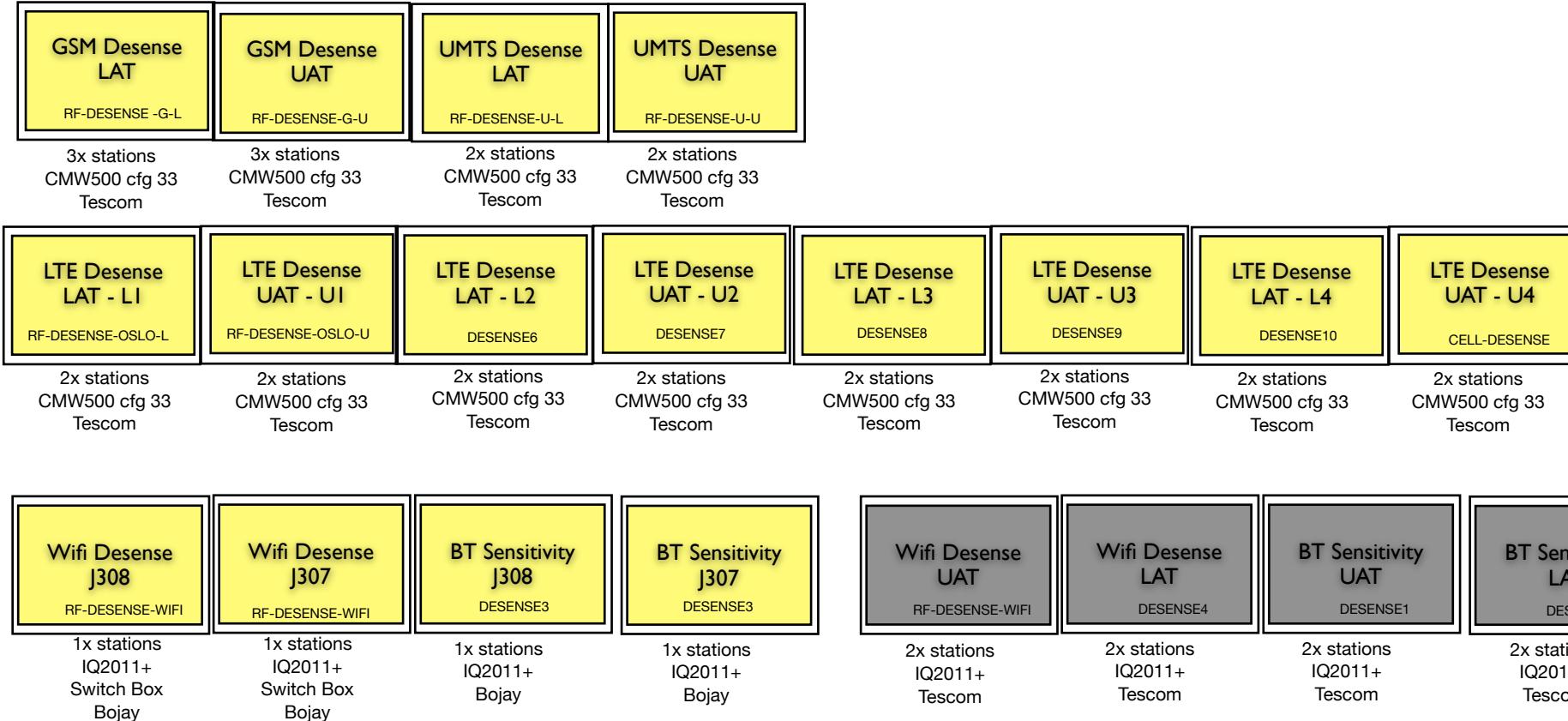
# J307/308 FATP RF Offline Stations - P1B



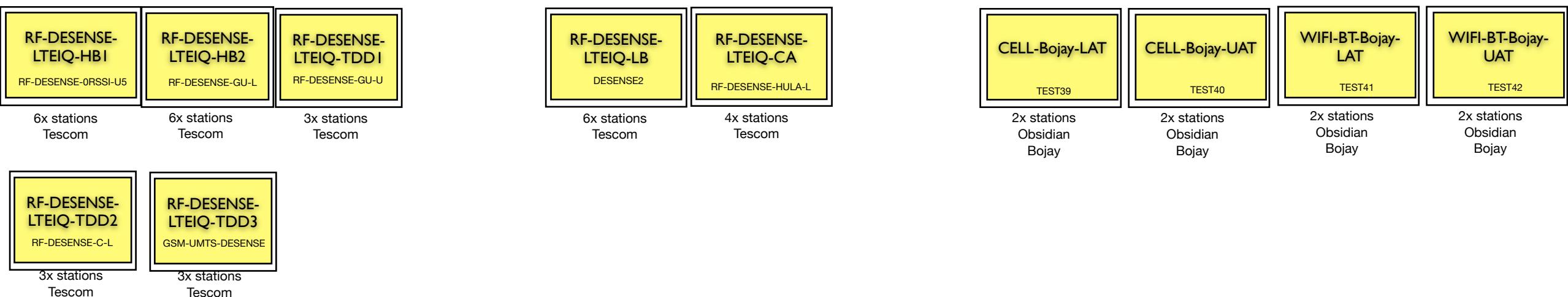
Offline Desense- 100% Utilization - Target unit quantity 30% to 40%

DRI: Nick Doan

## Desense Sensitivity Search

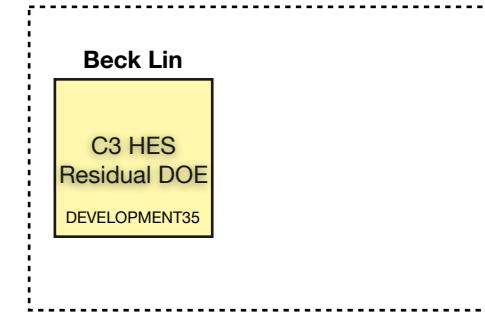
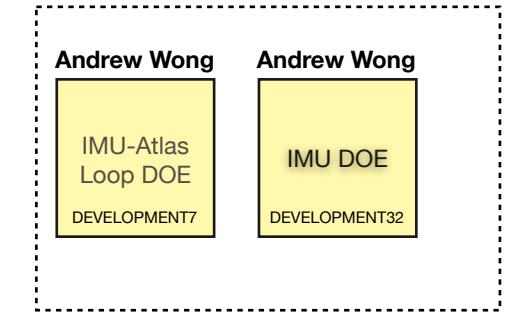
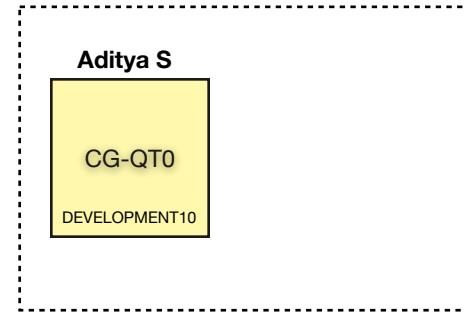
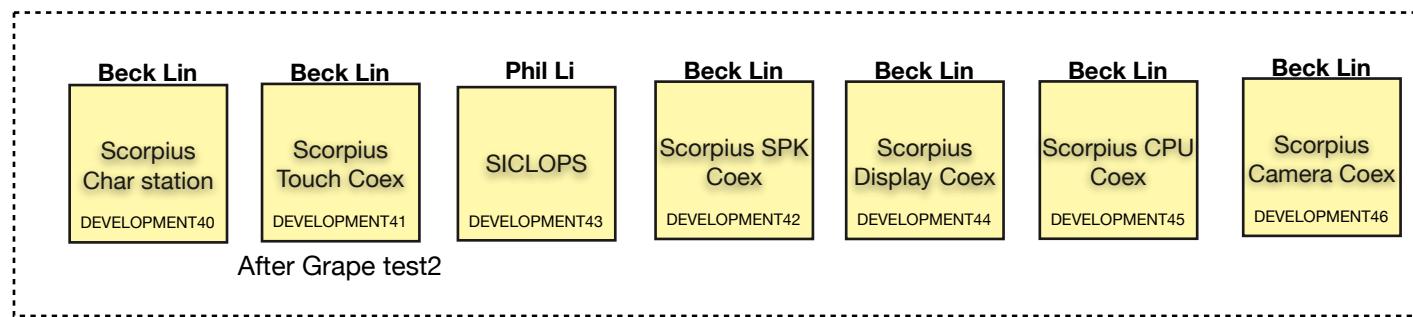
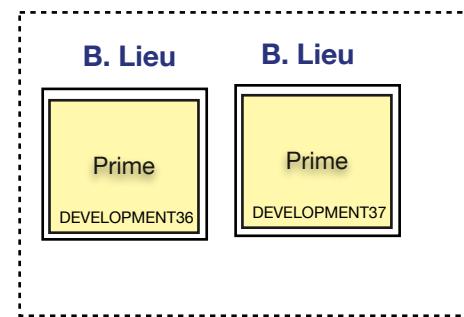


## Desense LTEIQ/ Zero RSSI



# J307/308 P1B FATP Test Line Flow-Offline Station

Online DOE  
Station



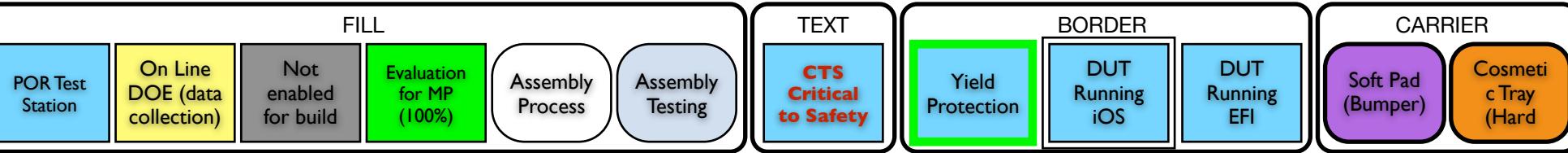


# J307/308 Factory Test Flow for P0

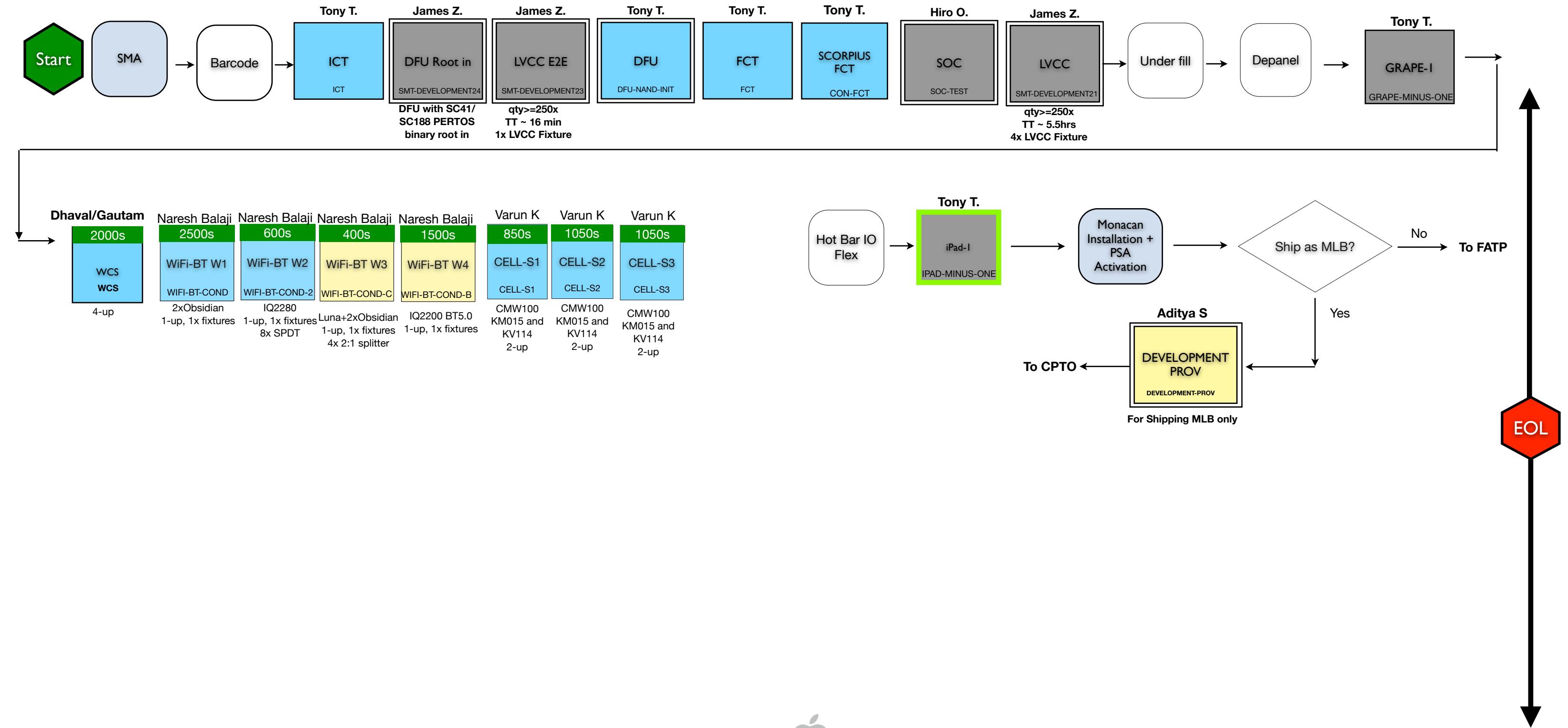
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# SMT J307/308 P0 SMT MLB Test Line



DRI: AP & RF system TDL team





# J307/308 MLB RF Test Line Flow- P0 (Offline)

## Offline Stations - 100% Utilization

Varun K	Varun K	Varun K	Varun K
GSM WCDMA Rx Sens SMT-DEVELOPMENT1	LTE FDD Non CA Rx Sens SMT-DEVELOPMENT2	LTE TDD Rx Sens SMT-DEVELOPMENT3	LTE DLCA Rx Sens SMT-DEVELOPMENT4
CMW100 KV114 1x Station 100% utilization 1-up			

Varun K	Varun K
GSM/WCDMA Tx/ Rx Linearity SMT-DEVELOPMENT5	LTE TX/RX Linearity SMT-DEVELOPMENT6
CMW100 KV114 1x Station 100% utilization 1-up	CMW100 KV114 1x Station 100% utilization 1-up

## Offline COEX/Reg Stations - 100% Utilization

(to be tested with RF shield lids on)

| Erick W  |
|--|--|--|--|--|--|
| COEX HARMONICS UAT<br>SMT-COEX1  | COEX HARMONICS LAT<br>SMT-COEX2  | COEX CELL NON CA<br>SMT-COEX3  | COEX CELL CA<br>SMT-COEX4  | COEX WIFI 2.4G<br>SMT-COEX5  | COEX WIFI 5G<br>SMT-COEX6  |
| FSW13<br>1x Station<br>100% Utilization<br>1-up in 3-up fixture          | FSW13<br>1x Station<br>100% Utilization<br>1-up in 3-up fixture          | CMW500<br>6x Stations<br>100% Utilization<br>1-up in 3-up fixture        | CMW500<br>4x Stations<br>100% Utilization<br>1-up in 3-up fixture        | IQ2200<br>6x Stations<br>100% Utilization<br>1-up in 3-up fixture        | IQ2200<br>4x Stations<br>100% Utilization<br>1-up in 3-up fixture        |
| Erick W  |
| COEX WIFI ORSSI<br>SMT-COEX7   | COEX GPS CELL-GPS<br>SMT-COEX9   |
| CMW500 Cfg 33<br>4x Stations<br>100% Utilization<br>1-up in 3-up fixture | CMW500 Cfg 33<br>4x Stations<br>100% Utilization<br>1-up in 3-up fixture | CMW500 Cfg 33<br>4x Stations<br>100% Utilization<br>1-up in 3-up fixture | CMW500 Cfg 33<br>4x Stations<br>100% Utilization<br>1-up in 3-up fixture | CMW500 Cfg 33<br>4x Stations<br>100% Utilization<br>1-up in 3-up fixture | CMW500 Cfg 33<br>4x Stations<br>100% Utilization<br>1-up in 3-up fixture |

Suhas K
WIFI BT HARMONIC SMT-DEVELOPMENT19
FSW26 2x Stations 4-up

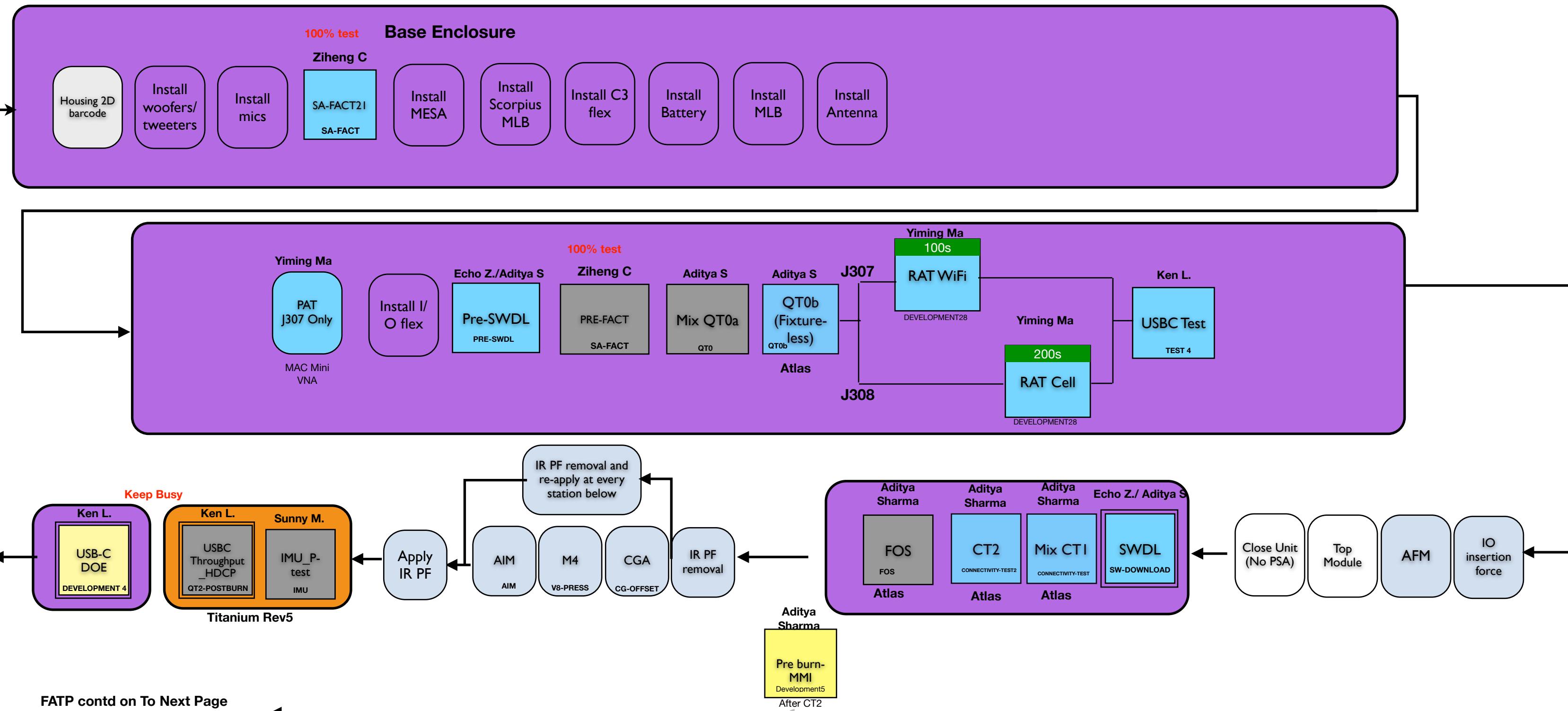
100% Sampling for BT BF with test time of 300s



# J307/308 P0 Sub-line Test Line Flow



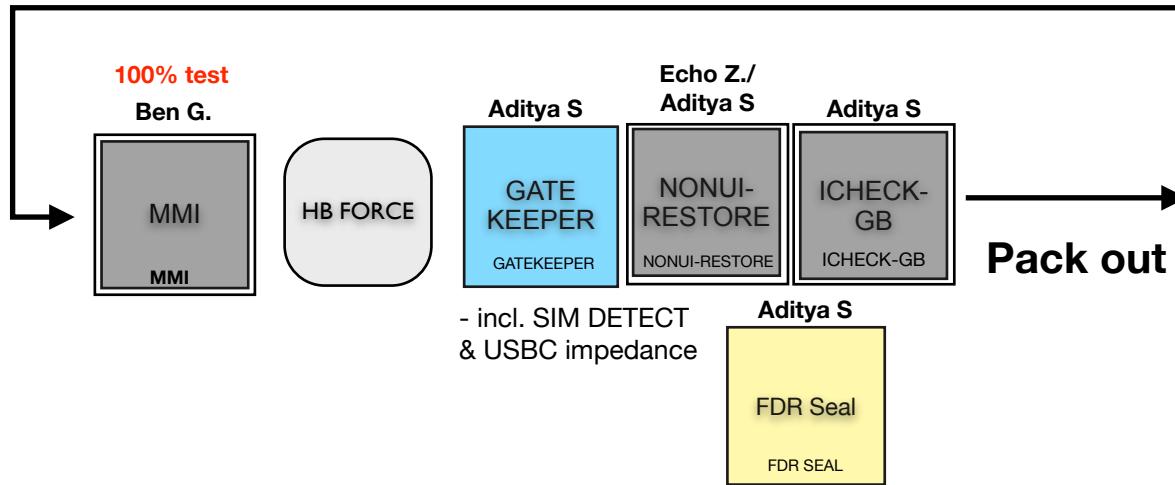
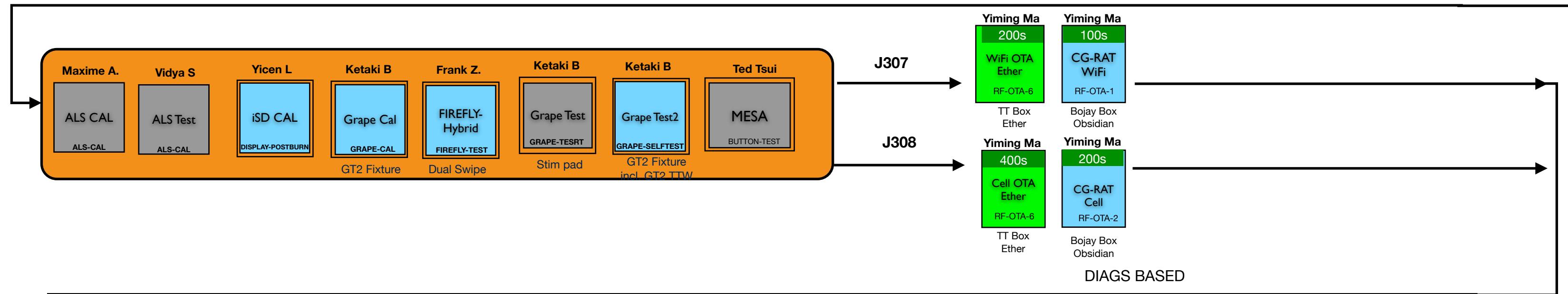
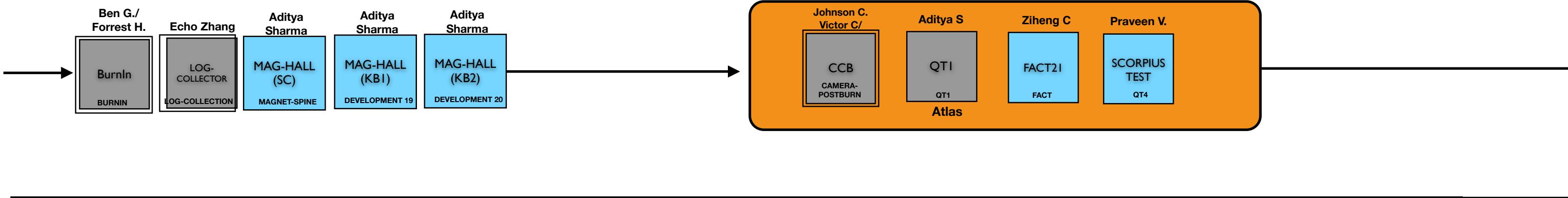
## FATP Line (Pre-Snap)



FATP contd on To Next Page



# J307/308 P0 FATP Test Line Flow





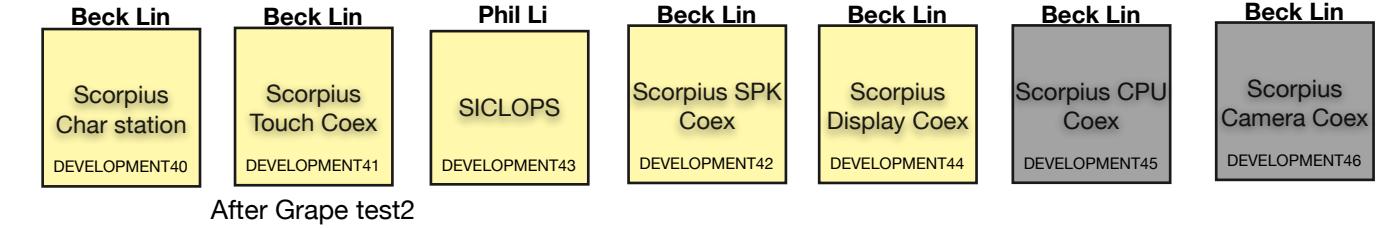
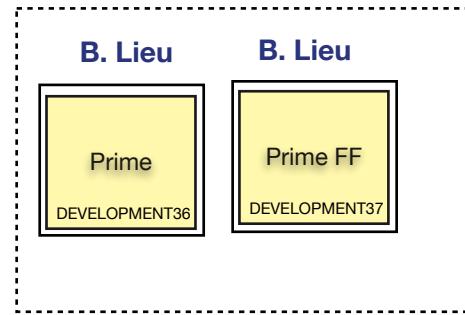
# J307/J308 FATP RF Offline Stations - P0

Offline CoEX - 100% Utilization								
Erick Wang	Erick Wang	Erick Wang	ShrutiM	ShrutiM	Erick Wang	Erick Wang	Erick Wang	Erick Wang
COEX OTA PER UAT 100% COEX1	COEX OTA PER LAT 100% COEX2	COEX OTA WIFI ORSSI 100% COEX7	COEX OTA GPS CN 100% COEX3	COEX OTA CELL 100% COEX4	COEX OTA WIFI UAT COEX5	COEX OTA WIFI LAT COEX6	COEX OTA GPS Bojay 100% DEVELOPMENT29	COEX OTA CELL Bojay 100% DEVELOPMENT30
Keep Near Online IQ2200 2x stations TESCOM Box	Keep Near Online IQ2200 2x stations TESCOM Box	Keep Near Online 2x stations Bojay Box	Keep Near Online CMW500 cfg 33 2x stations TESCOM Box	Keep Near Online CMW500 cfg 33 2x stations Bojay Box	Keep Near Online IQ2200 1x station TESCOM Box	Keep Near Online IQ2200 1x station TESCOM Box	Keep Near Online CMW500 cfg 33 2x stations Bojay Box	Keep Near Online CMW500 cfg 33 2x stations Bojay Box
ShrutiM	ShrutiM	ShrutiM	ShrutiM	ShrutiM	ShrutiM	ShrutiM	ShrutiM	ShrutiM
COEX OTA CELL NONCA UAT DEVELOPMENT23	COEX OTA CELL NONCA LAT DEVELOPMENT24	COEX OTA CELL NONCA UAT - TDD DEVELOPMENT25	COEX OTA CELL NONCA LAT - TDD DEVELOPMENT26	COEX OTA CELL CA DEVELOPMENT27	COEX OTA GPS CN2 GPS OTA	Gautham V	REG RSE CHAMBER DEVELOPMENT21	CELL OTA HARMONIC DEVELOPMENT22
CMW500 cfg 33 1x stations TESCOM Box	CMW500 cfg 33 1x stations TESCOM Box	CMW500 cfg 33 1x station TESCOM Box	CMW500 cfg 33 1x station TESCOM Box	CMW500 cfg 33 1x stations TESCOM Box	CMW500 cfg 33 4x stations TESCOM Box	Gautham V	FSW26/CMW500 1x Station	FSW 1x Station Bojay Shield Box



# J307/308 P0 FATP Test Line Flow-Offline Station

Online DOE  
Station



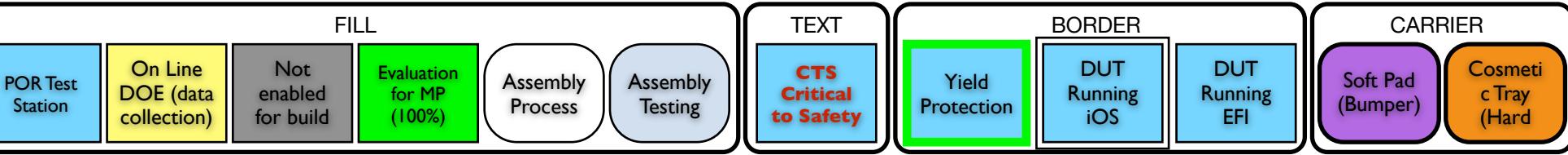


# J307/308 Factory Test Flow for P1

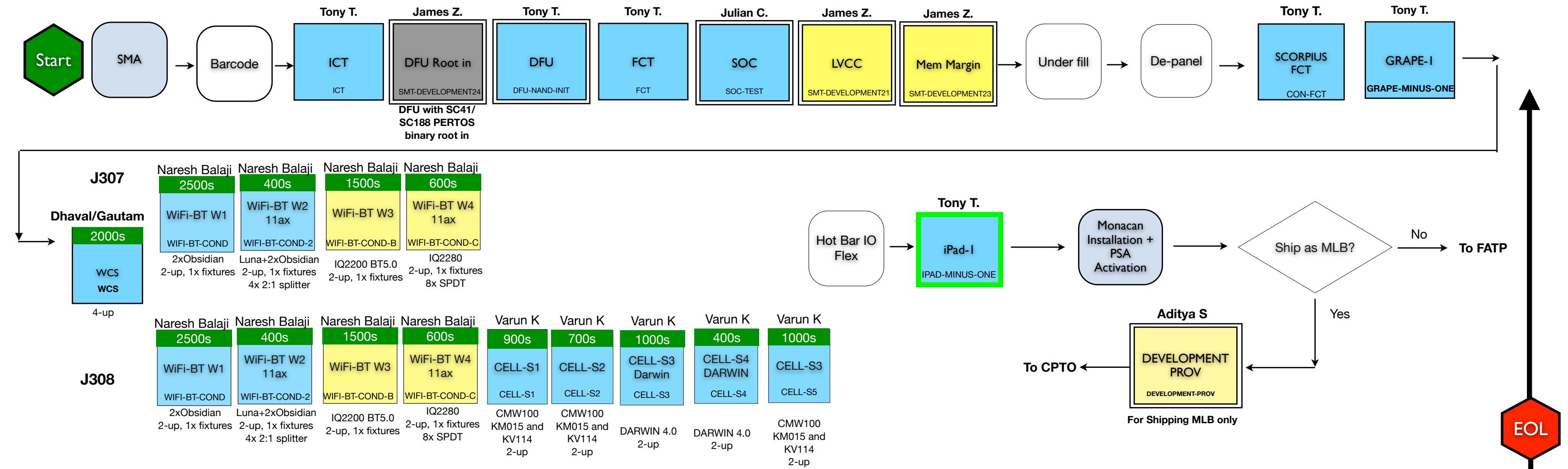
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# SMT J307/308 P1 SMT MLB Test Line



DRI: AP & RF system TDL team





# J307/308 MLB RF Test Line Flow- P1 (Offline)

## Offline Stations - 100% Utilization

Naresh Balaji	Naresh Balaji	Naresh Balaji	Naresh Balaji
WIFI CHAR J307 SMT-DEVELOPMENT9  J307 only IQ2200 with BT5.0 License 1x Station 1-up	BT CHAR J307 SMT-DEVELOPMENT10  J307 only IQ2200 with BT5.0 License 1x Station 1-up	WIFI CHAR J308 SMT-DEVELOPMENT11  J308 only IQ2200 with BT5.0 License 1x Station 1-up	BT CHAR J308 SMT-DEVELOPMENT12  J308 only IQ2200 with BT5.0 License 1x Station 1-up

Varun K	Varun K	Varun K	Varun K
GSM WCDMA Rx Sens SMT-DEVELOPMENT1  CMW100 KV114 1x Station 100% utilization 1-up	LTE FDD Non CA Rx Sens SMT-DEVELOPMENT2  CMW100 KV114 1x Station 100% utilization 1-up	LTE TDD Rx Sens SMT-DEVELOPMENT3  CMW100 KV114 1x Station 100% utilization 1-up	LTE DLCA Rx Sens SMT-DEVELOPMENT4  CMW100 KV114 1x Station 100% utilization 1-up

Varun K	Varun K	Naresh Balaji
GSM/WCDMA Tx/Rx Linearity SMT-DEVELOPMENT5  CMW100 KV114 1x Station 100% utilization 1-up	LTE TX/RX Linearity SMT-DEVELOPMENT6  CMW100 KV114 1x Station 100% utilization 1-up	WiFi Assoc WIFI-COND  1x fixture 2-up

## Offline COEX/Reg Stations - 100% Utilization

(to be tested with RF shield lids on)

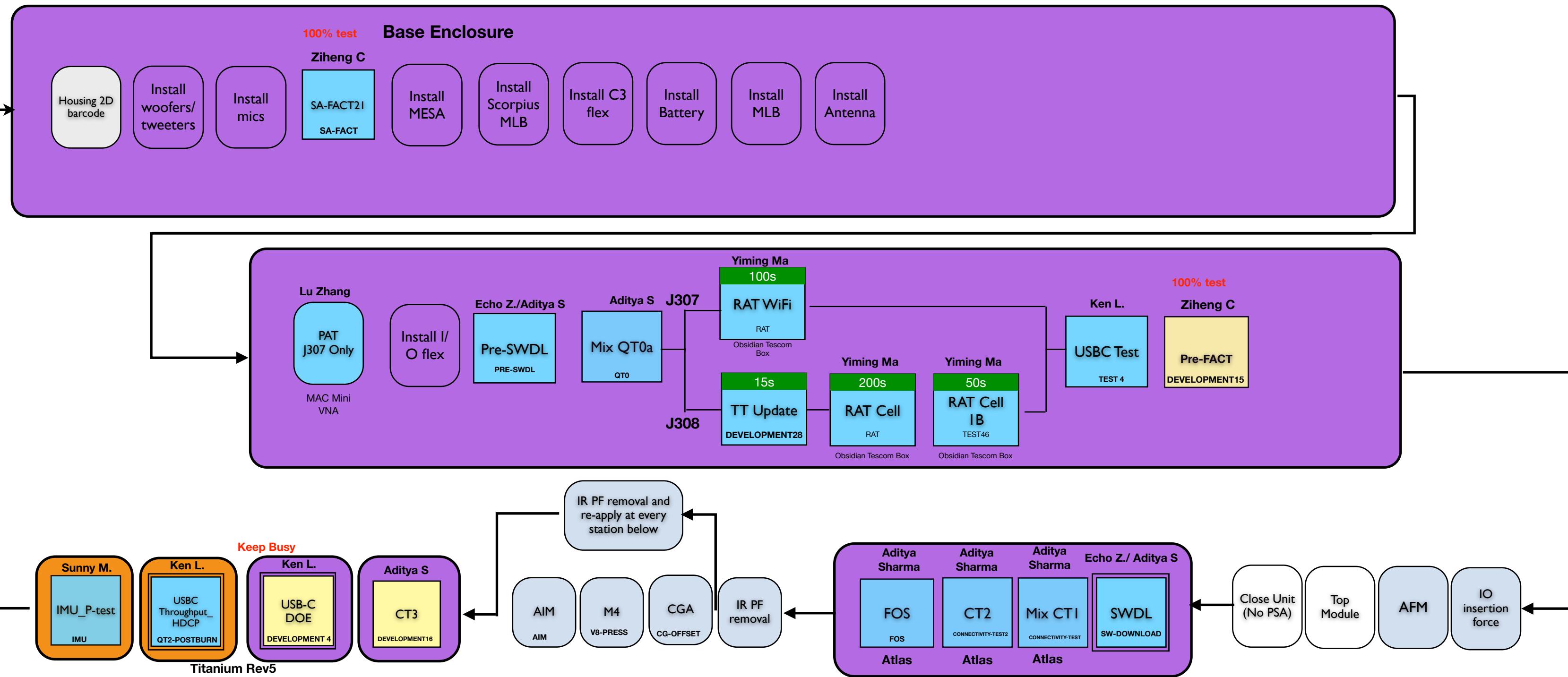
Erick W	Erick W	Erick W	Erick W	Erick W	Erick W
COEX HARMONICS UAT SMT-COEX1  FSW13 1x Station 100% Utilization 1-up in 3-up fixture	COEX HARMONICS LAT SMT-COEX2  FSW13 1x Station 100% Utilization 1-up in 3-up fixture	COEX CELL NON CA SMT-COEX3  CMW500 6x Stations 100% Utilization 1-up in 3-up fixture	COEX CELL CA SMT-COEX4  CMW500 4x Stations 100% Utilization 1-up in 3-up fixture	COEX WIFI 2.4G SMT-COEX5  IQ2200 6x Stations 100% Utilization 1-up in 3-up fixture	COEX WIFI 5G SMT-COEX6  IQ2200 4x Stations 100% Utilization 1-up in 3-up fixture
Erick W	Erick W				
COEX WIFI ORSSI SMT-COEX7  IQ2200 4x Station 100% Utilization 1-up in 3-up fixture		COEX GPS CELL-GPS SMT-COEX9  CMW500 Cfg 33 4x Stations 100% Utilization 1-up in 3-up fixture			
Suhas K					
	WIFI BT HARMONIC SMT-DEVELOPMENT19  FSW26 4x Stations 100% Utilization 4-up				



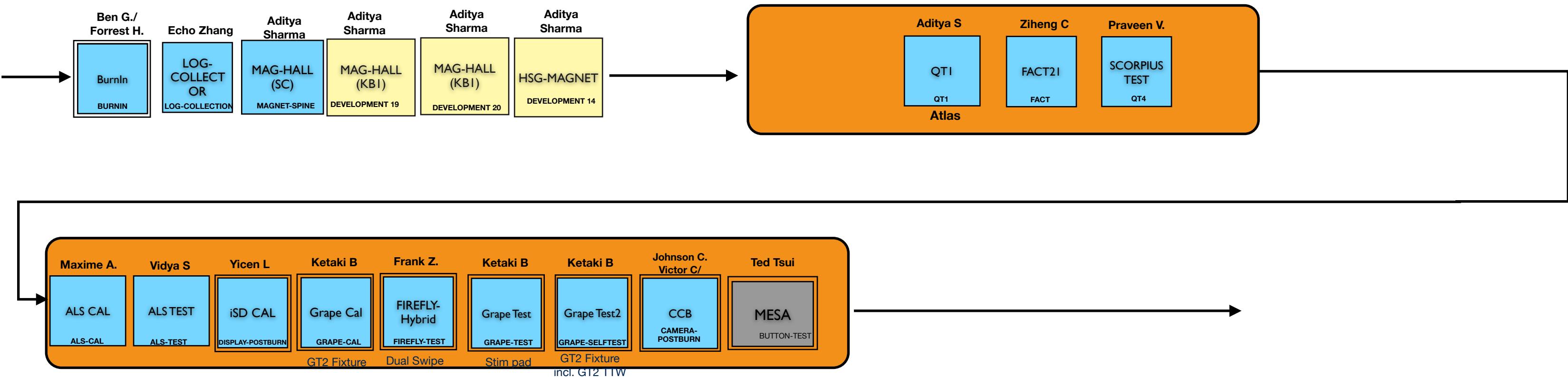
# J307/308 P1 Sub-line Test Line Flow



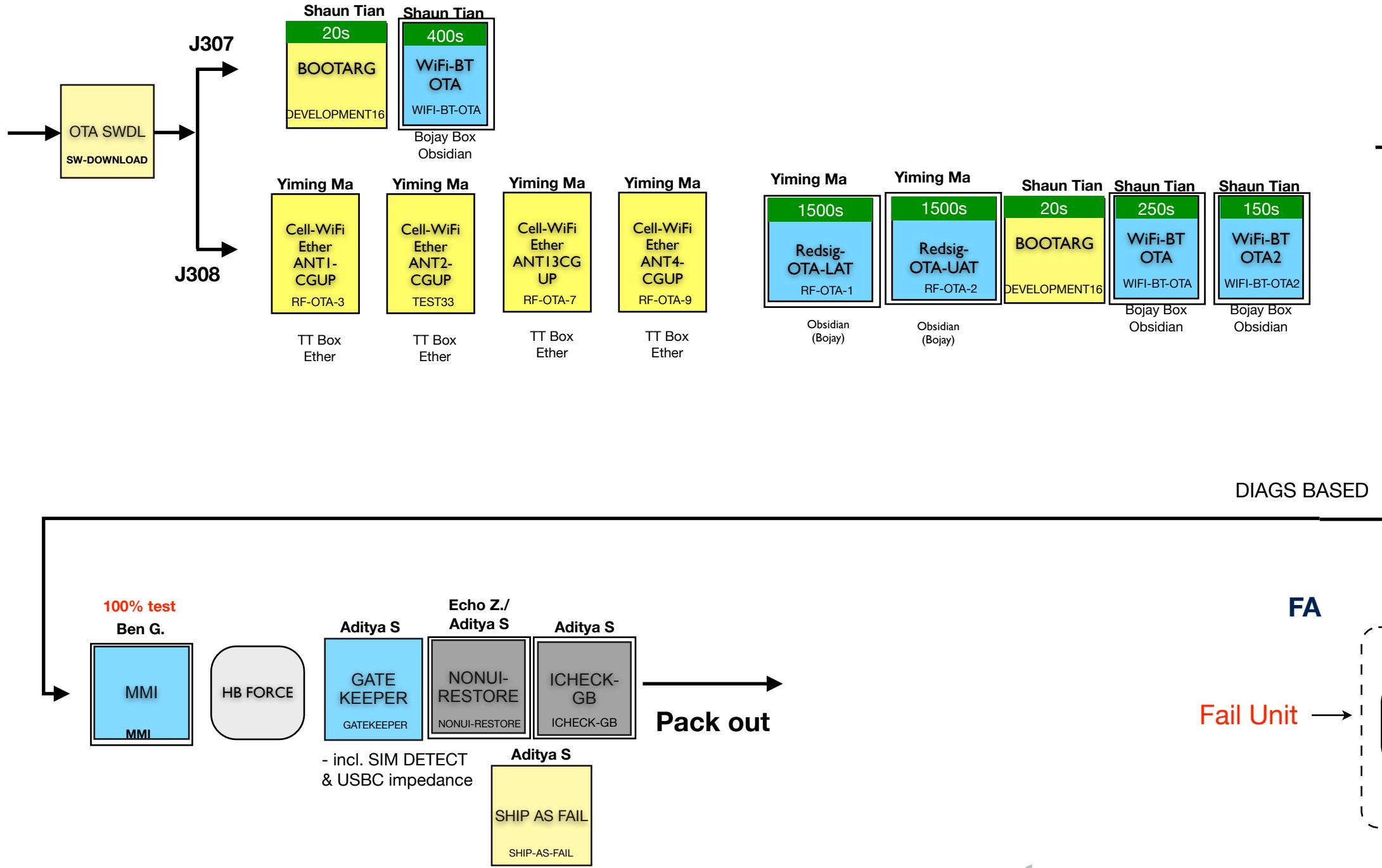
## FATP Line (Pre-Snap)



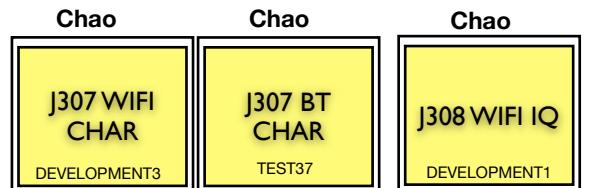
# J307/308 P1 FATP Test Line Flow



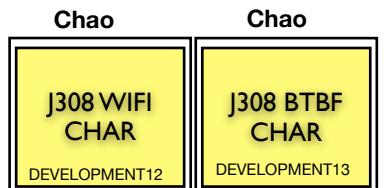
# J307/308 P1 FATP Test Line Flow



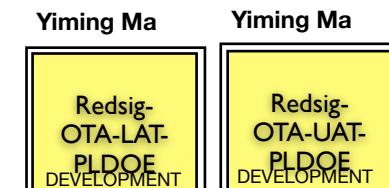
# J307/J308 FATP RF Offline Stations P1



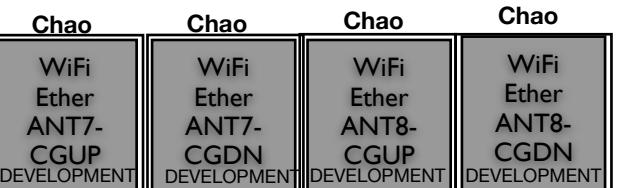
1 station IQ2011+ Bojay  
1 station IQ2011+ Bojay  
2 station MacMini Tescom



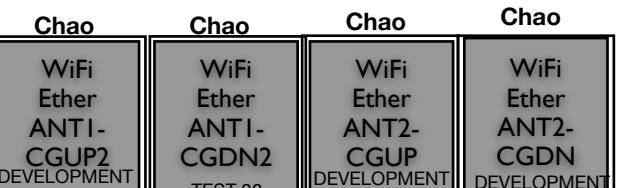
1 station IQ2011+ Bojay  
1 station Obsidian Bojay



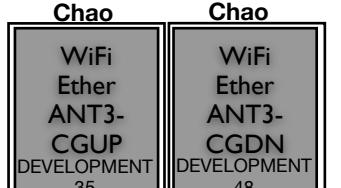
Obsidian (Bojay)  
Obsidian (Bojay)



1 station TT Box Ether  
1 station TT Box Ether  
1 station TT Box Ether  
1 station TT Box Ether

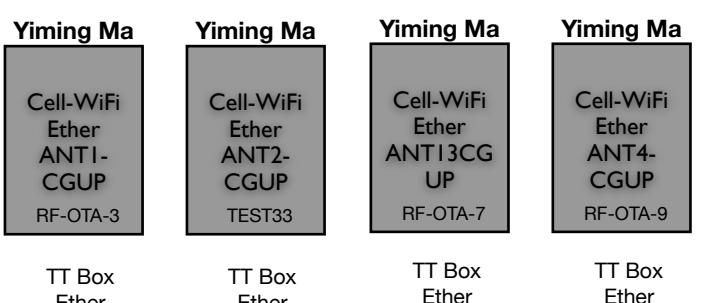


1 station TT Box Ether  
1 station TT Box Ether  
1 station TT Box Ether  
1 station TT Box Ether



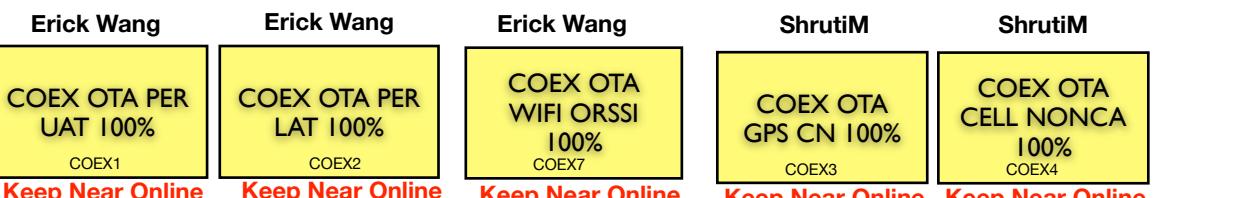
1 station TT Box Ether  
1 station TT Box Ether

## 100% Utilization - Need unit before they hit OTA station



TT Box Ether  
TT Box Ether  
TT Box Ether  
TT Box Ether

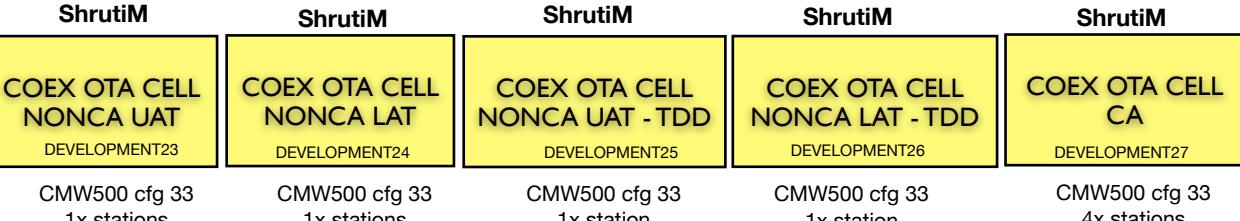
## Offline CoEX - 100% Utilization



Keep Near Online  
IQ2200 2x stations Bojay Box



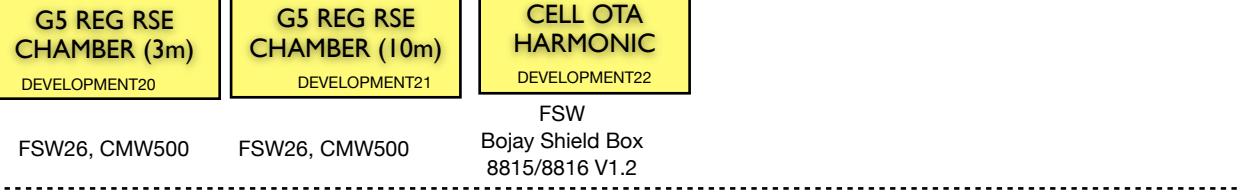
Keep Near Online  
CMW500 cfg 33 2x stations Bojay Box



Keep Near Online  
CMW500 cfg 33 1x stations TESCOM Box



GPS OTA  
CMW500 cfg 33 4x stations TESCOM Box



DEVELOPMENT20 FSW26, CMW500  
DEVELOPMENT21 FSW26, CMW500  
DEVELOPMENT22 FSW Bojay Shield Box 8815/8816 V1.2



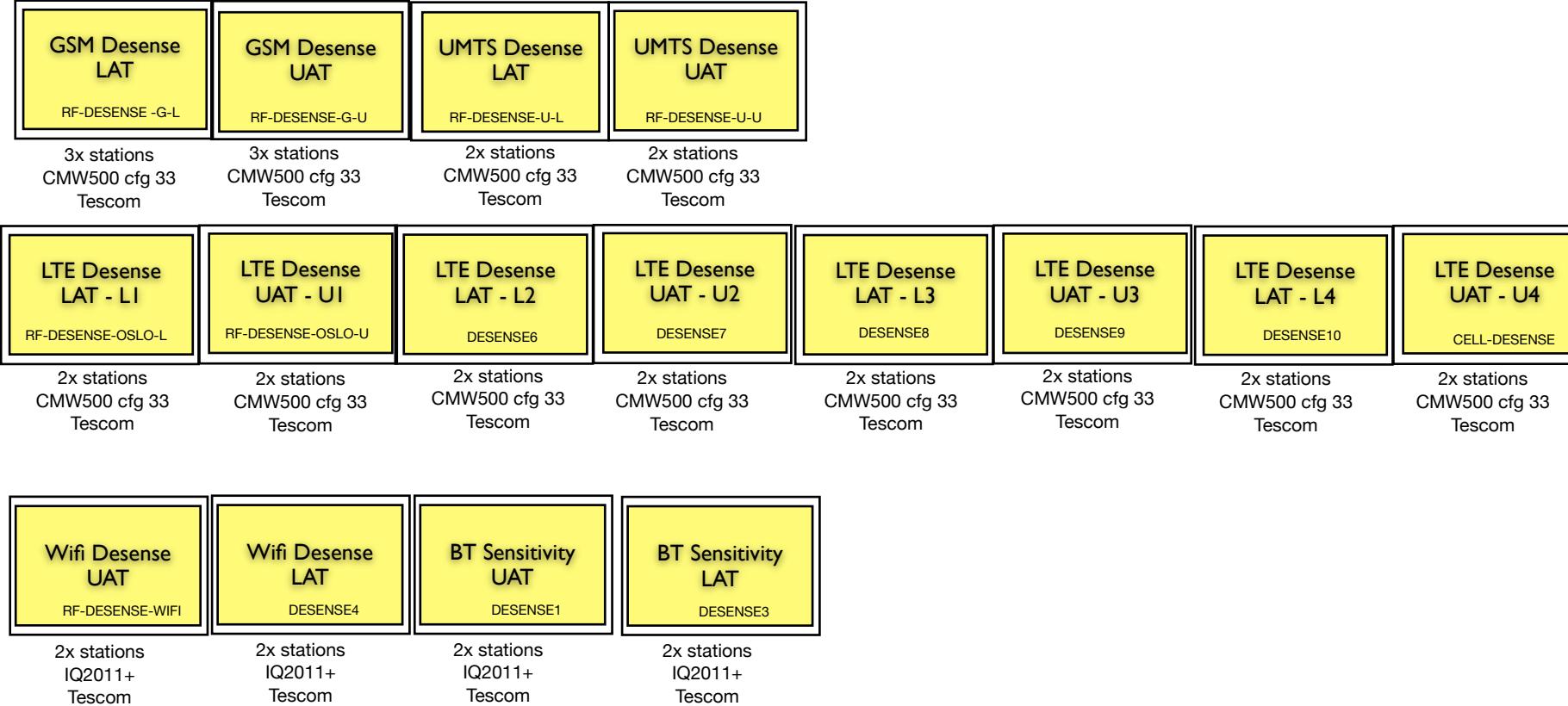
# J307/308 FATP RF Offline Stations -



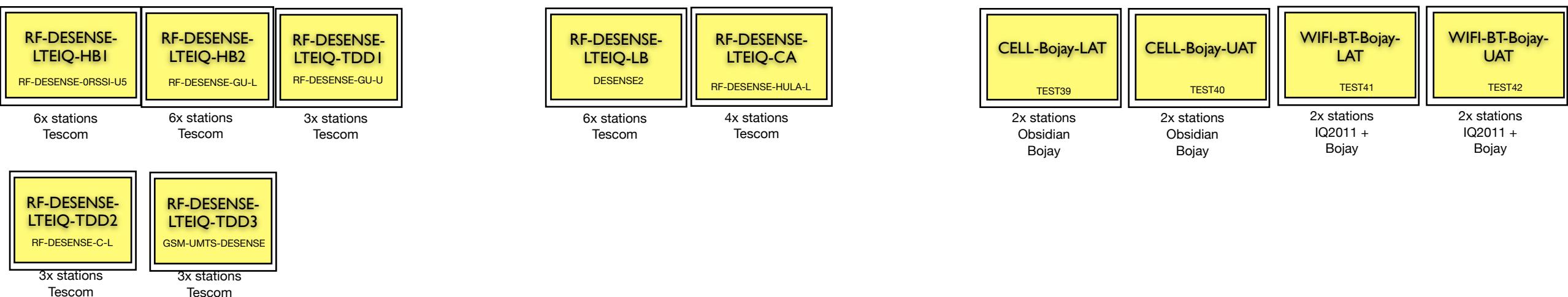
Offline Desense- 100% Utilization - Target unit quantity 30% to 40%

DRI: Nick Doan

## Desense Sensitivity Search



## Desense LTEIQ/ Zero RSSI



# J307/308 P0 FATP Test Line Flow-Offline Station

Online DOE  
Station

