

## LFR-FSW - Bug #592

### tm\_period.py doesn't perform SBM1\_BP2\_F0

26/01/2016 09:02 AM - Veronique bouzid

<b>Status:</b>	Closed	<b>Start date:</b>	26/01/2016
<b>Priority:</b>	Normal	<b>Due date:</b>	
<b>Assignee:</b>	Veronique bouzid	<b>% Done:</b>	0%
<b>Category:</b>		<b>Estimated time:</b>	0.00 hour
<b>Target version:</b>		<b>Spent time:</b>	0.00 hour
<b>revision:</b>	r0		

**Description**

Le script verif\_fields.py utilise la fonction tm\_period.py pour vérifier les timing des TM\_LFR\_SCIENCE. Cette fonction ne traite pas correctement les produits TM\_LFR\_SCIENCE\_SBM1\_BP2\_F0

extrait du fichier period\_tm.txt, résultat produit par verif\_fields.py

T(TM\_LFR\_SCIENCE\_SBM1\_BP1\_F0): nom=0.25s, Nb(T)=1599.0, min=0.142613999997s, mean=0.249996834271s, max=0.345173000002s, Nb(T<0.225s)=9.13070669168%, Nb(T>0.275s)=9.13070669168%

T(.../PA\_LFR\_ACQUISITION\_TIME): min=0.249984741211s, mean=0.249998425453s, max=0.25, Nb(T<0.225s)=0.0%, Nb(T>0.275s)=0.0%

T(TM\_LFR\_SCIENCE\_SBM1\_BP2\_F0): nom=0.25s, Nb(T)=399.0, min=0.904447000001s, mean=1.00005980702s, max=1.094626s, Nb(T<0.225s)=0.0%, Nb(T>0.275s)=100.0%

T(.../PA\_LFR\_ACQUISITION\_TIME): min=0.999984741211s, mean=0.999993689974s, max=1.0, Nb(T<0.225s)=0.0%, Nb(T>0.275s)=100.0%

--> normalement on devrait avoir nom= 1s pour les TM\_LFR\_SCIENCE\_SBM1\_BP2\_F0.

Ces fichiers se trouvent dans /home/validation/data/R3/3.0.0.13/TEST-UNITAIRES/new\_normal\_mode/n\_vs\_sbm1/OLD

Le script verif\_fields.py utilisé est celui se trouvant dans /home/validation/data/R3/scripts et il est recopié ensuite dans chaque répertoire de test.

### History

#### #1 - 26/01/2016 09:08 AM - Veronique bouzid

- Status changed from New to Closed

Le bug a été identifié.

Le fichier en cause est /opt/VALIDATION\_R3/lfrverif/common/RulesClasses/tm\_lfr\_period.py.

Un mauvais copier/coller qui traiter les BP2\_F0 avec les définitions des BP1\_F0

Avant

```
if self.tab_delay_1_bp2_f0 != []:
self.add_summ_tm_lfr_common_stat(
"TM_LFR_SCIENCE_SBM1_BP2_F0",
self.t_1_bp_p0_nom,
self.tab_delay_1_bp2_f0,
self.t_1_bp_p0_min,
self.t_1_bp_p0_max,
self.tab_acqui_1_bp2_f0,
self.t_1_bp_p0_min_cuc,
self.t_1_bp_p0_max_cuc)
elif (self.mode_prev == '3'):
self.summ +=\
"TM_LFR_SCIENCE_SBM1_BP2_F0: period not computable\n"
```

Après

```
if self.tab_delay_1_bp2_f0 != []:
self.add_summ_tm_lfr_common_stat(
"TM_LFR_SCIENCE_SBM1_BP2_F0",
self.t_1_bp_p1_nom,
self.tab_delay_1_bp2_f0,
```

```
self.t_1_bp_p1_min,  
self.t_1_bp_p1_max,  
self.tab_acqui_1_bp2_f0,  
self.t_1_bp_p1_min_cuc,  
self.t_1_bp_p1_max_cuc)  
elif (self.mode_prev == '3'):  
self.summ +=\  
"TM_LFR_SCIENCE_SBM1_BP2_F0: period not computable\n"
```

Le fichier periodic\_tm.txt généré après les modifications donnent

T(TM\_LFR\_SCIENCE\_SBM1\_BP1\_F0): nom=0.25s, Nb(T)=1599.0, min=0.142613999997s, mean=0.249996834271s, max=0.345173000002s,  
Nb(T<0.225s)=9.13070669168%, Nb(T>0.275s)=9.13070669168%

T(.../PA\_LFR\_ACQUISITION\_TIME): min=0.249984741211s, mean=0.249998425453s, max=0.25, Nb(T<0.225s)=0.0%, Nb(T>0.275s)=0.0%

**T(TM\_LFR\_SCIENCE\_SBM1\_BP2\_F0): nom=1.0s, Nb(T)=399.0, min=0.904447000001s, mean=1.00005980702s, max=1.094626s,  
Nb(T<0.9s)=0.0%, Nb(T>1.1s)=0.0%**

**T(.../PA\_LFR\_ACQUISITION\_TIME): min=0.999984741211s, mean=0.999993689974s, max=1.0, Nb(T<0.9s)=0.0%, Nb(T>1.1s)=0.0%**