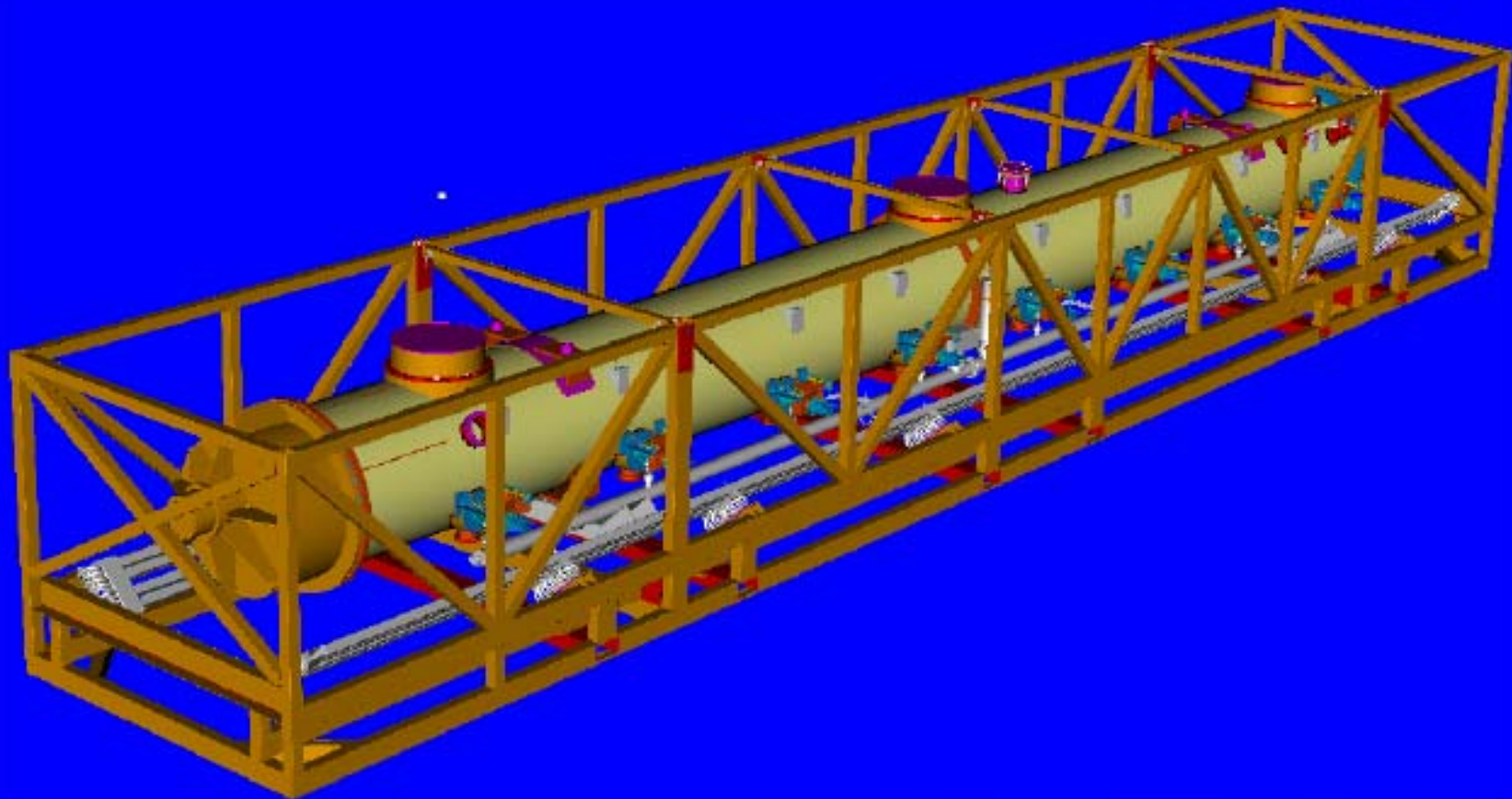


- KEK/Kyoto-type optical inspection system is being put into operation
 - **Ongoing test program**
 - See talk S. Aderhold
- Module
 - **Transport test to Saclay**
 - RF measurement finished
 - Some degradation observed
 - M8 will be rebuild
 - Data provided by S. Barbanotti and K. Jensch

Module transport frame



Module Transport Frame



- The Frame is equipped with two **Data Loggers EnDal Curve 1111**
- INFN equipped the Frame and the Module with **additional sensors** and uses **3 geophones** inside of the module (2 on the magnet and 1 on the coldmass' center)
- The INFN electronic will also **readout the vacuum gages** on the beam pipe and coupler pump line and the is permanently checking all RF main input couplers with respect to a short circuit.

More during this TTC meeting / WG2 by Rolf Lange

- **DESY – CEA Saclay – DESY transport scheduled for week 45**
- **re-test at CMTB in end of November '08**



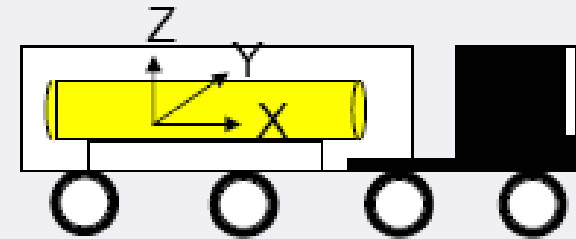
Module Transport test to Saclay



Data acquired

- Couplers: monitoring antenna shorts
- Vacuum gauges: 2 for the cavity vacuum, 2 for the coupler vacuum
- Geophones: 3 geophones installed in M8 monitoring vibrations on magnet and cavity n.4; 1 other geophone installed on the dumped frame
- 2 GP1 recording accelerometers: one on the fixed frame one on the dumped one

Route of the M8 transportation



Saclay to Hamburg

$Z_{max} = 1,424$ g inside frame

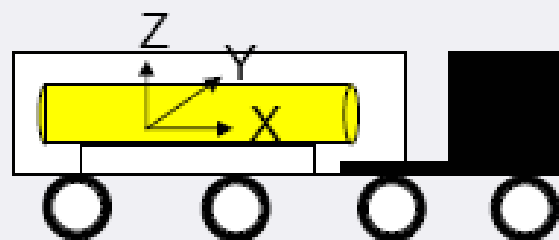
Hamburg to Saclay

$Z_{max} = 1,11$ g inside frame

From Hamburg to Saclay the tour was observed over the whole time of 24h

Desy staffs follow with a additional car

Module 8 transportation accelerations summary

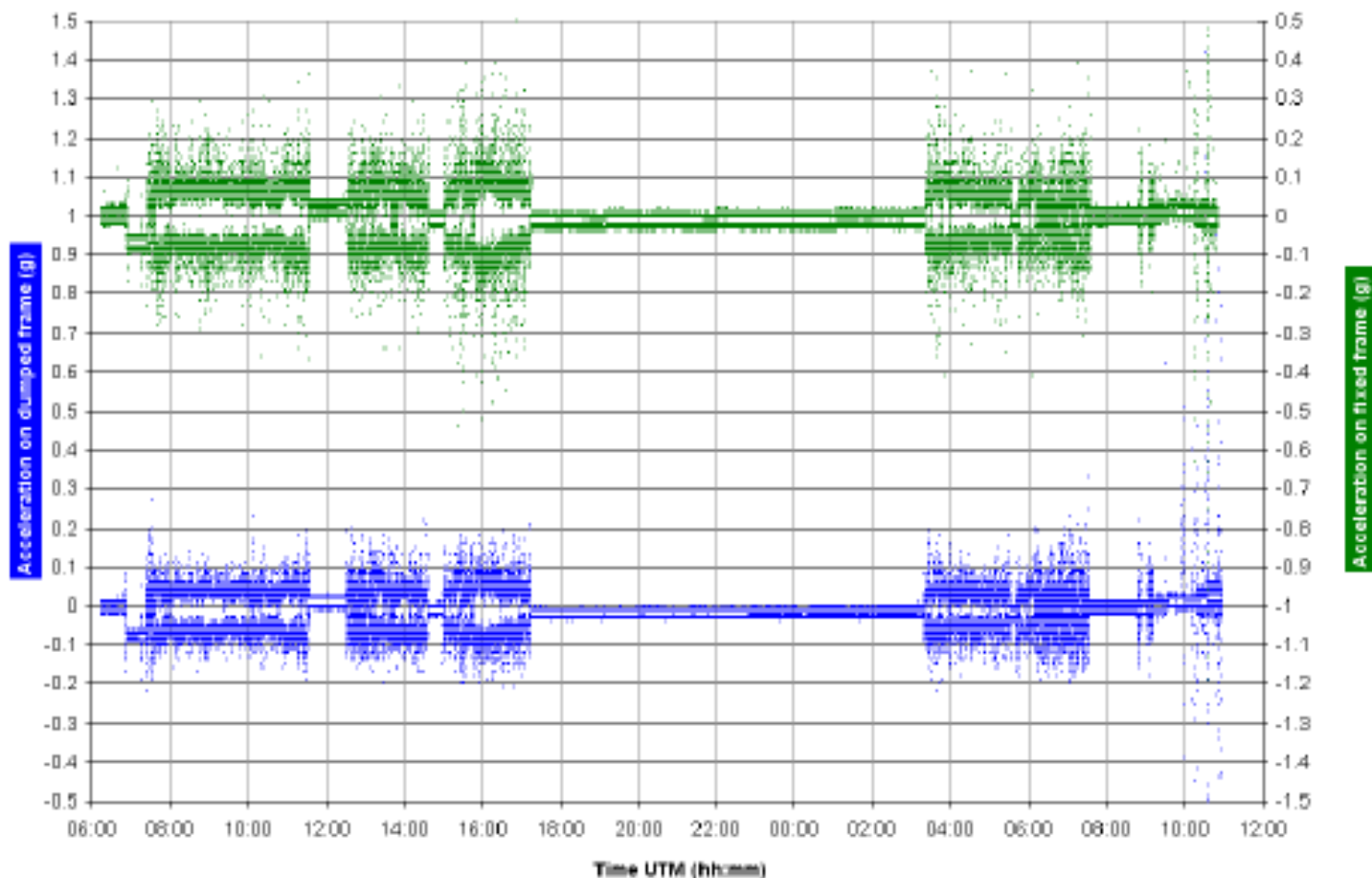


Hamburg - Saclay						
inside frame			outside frame			
	aX [g]	aY [g]	aZ [g]	aX [g]	aY [g]	aZ [g]
max value	0,549	0,625	1,11	no datas		
min. value	-0,589	-0,584	-1,182	Limitation was set to high (2g)		

Saclay - Hamburg						
inside frame			outside frame			
	aX [g]	aY [g]	aZ [g]	aX [g]	aY [g]	aZ [g]
max value	0,554	0,862	1,424	0,5	1,265	1,935
min. value	-0,471	-0,872	-1,299	-0,428	-1,37	-1,251

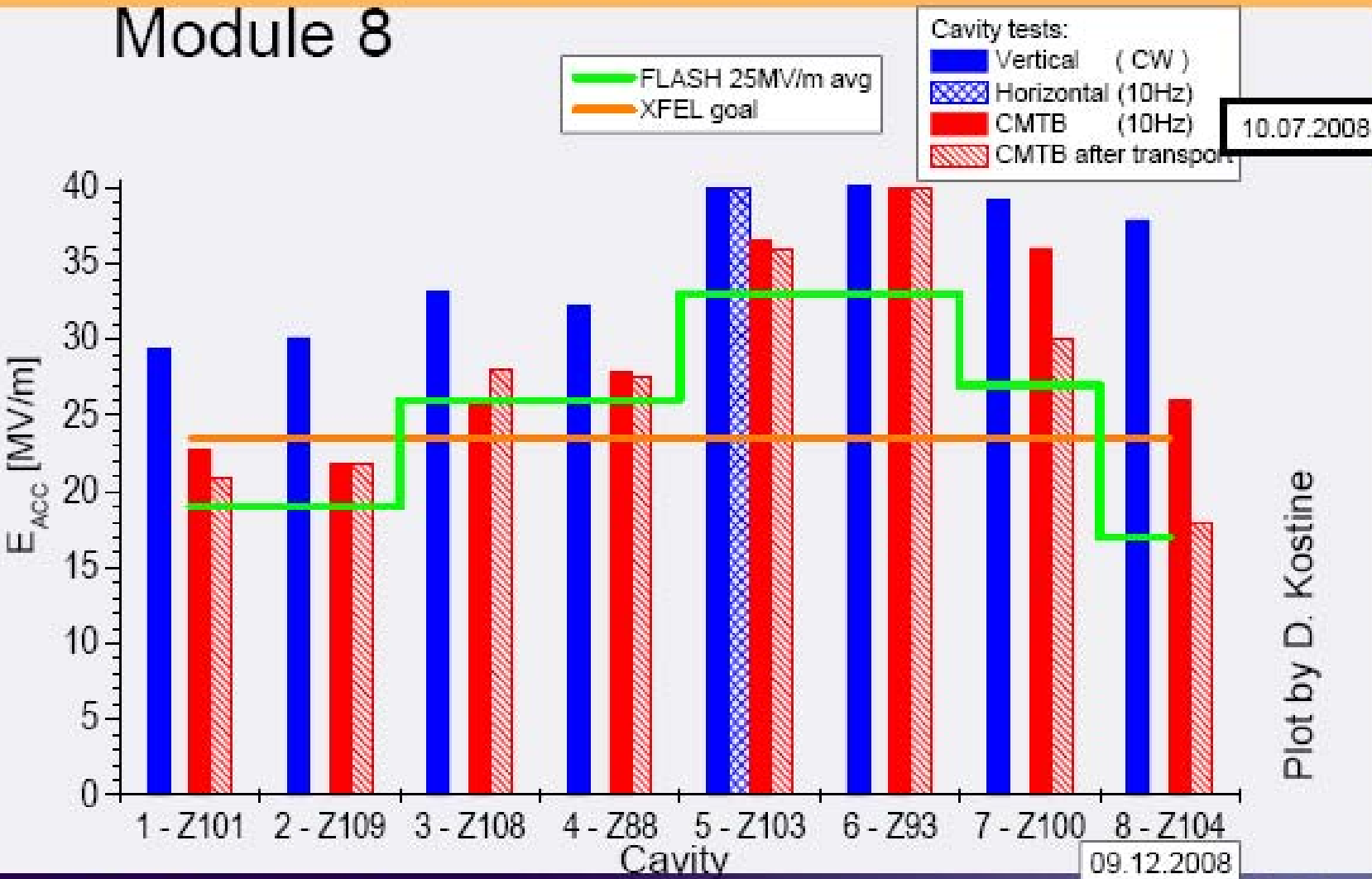
Acceleration along X

DESY to SACLAY: acceleration along X (longitudinal) on the dumped frame (blue) and on the fixed one (green)



M8 results on CMTB after the transport

Module 8



Plot by D. Kostine

