

**Report from SLAC
for CLIC-SLAC-KEK Collaboration Meeting**

April 23 , 2009

1. T18_VG2.4_DISK #3 and #4
 - Vacuum baking completed.
 - Installation of T18_VG2.4_DISK #3 at NLCTA in next week.
 - T18_VG2.4_DISK #4 for KEK is ready to ship. (sealed with vacuum and stores in a dry nitrogen filled bag).

2. C10 Structures:
C10_VG 0.7 #1, #2 and 2 x C10_VG 1.35 #1, #2
 - Microwave stack measurements parts have been completed, the frequencies are within the tuning range.
 - Assembly work will start soon.C10_VG 2.25 #1, #2 and 2 x C10_VG 3.3 #1, #2
 - Addendum 4 is submitted a month ago, but still waiting for approval.

3. Addendum 5 is submitted and still waiting for approval. (Miscellaneous Expenses in Building and Testing X-Band Accelerators and RF Structures)

4. Plan to retest TD18_VG2.4_QUAD in ASTA has been delayed due to the heavy work load.

5. TD18_VG2.4_DISK
 - Bonding fixtures under design and fabrication. .

6. The package of copper pieces cut off from recently tested coupons was shipped out today to Markus Aicheler

T18_vg2.4_DISK #4 for KEK Sealed in Vacuum and stored in a Bag Filled with Dry Nitrogen



T18_vg2.4_DISK #3 for SLAC is Ready to Install at the NLCTA



Microwave QC for the Regular Cups of C10 Structures

Corrections:

- Temperature 22.3° C
- Humidity 45%
- Perturbation of probes

	Stack	f_{measure}	$f_{\text{correction}}$
C10_VG 1.35	101-105	11407.1	11414.2
	105-109	11408.0	11415.5
	110-116	11407.2	11415.1
	116-120	11406.9	11414.3
C10_VG 0.7	101-105	11407.4	11415.5
	105-109	11408.3	11416.2
	110-114	11408.2	11416.2
	114-118	11407.5	11416.0