Report from SLAC
for CLIC-SLAC-KEK Collaboration Meeting

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1. T18_VG2.4_DISK #3 and #4
   - High power test of T18_VG2.4_DISK #3 at NLCTA is being very well proceeded. (1500 hours at 110 MV/m for 50, 100, 150,200 ns).
   - Hopefully, T18_VG2.4_DISK #4 for KEK hold in the Japan customs has been released with duty free. We will write a letter for donation to KEK.
2. C10 Structures:

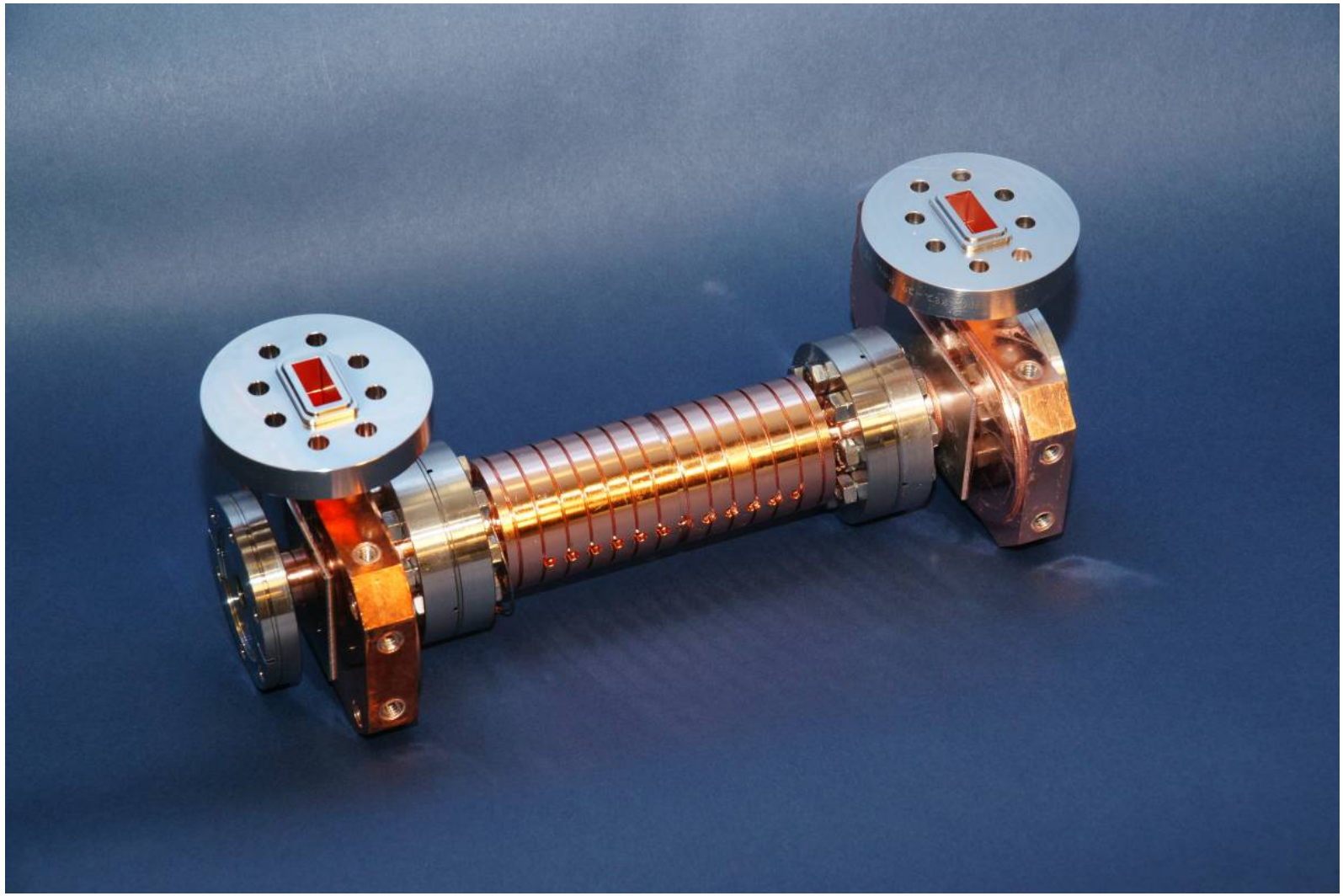
   C10_VG 1.35 #1
   - Vacuum baked for 8 hours at 550 Cº
   - Microwave measurement and tuning completed.
   - Installation at ASTA is nearly completed.
   - High power test will be started next week.

   C10_VG 1.35 #2 final brazed and wait for assembly after 1st test completion

   C10_VG 0.7 #1, #2 stacks bonded and ready to be assembled.

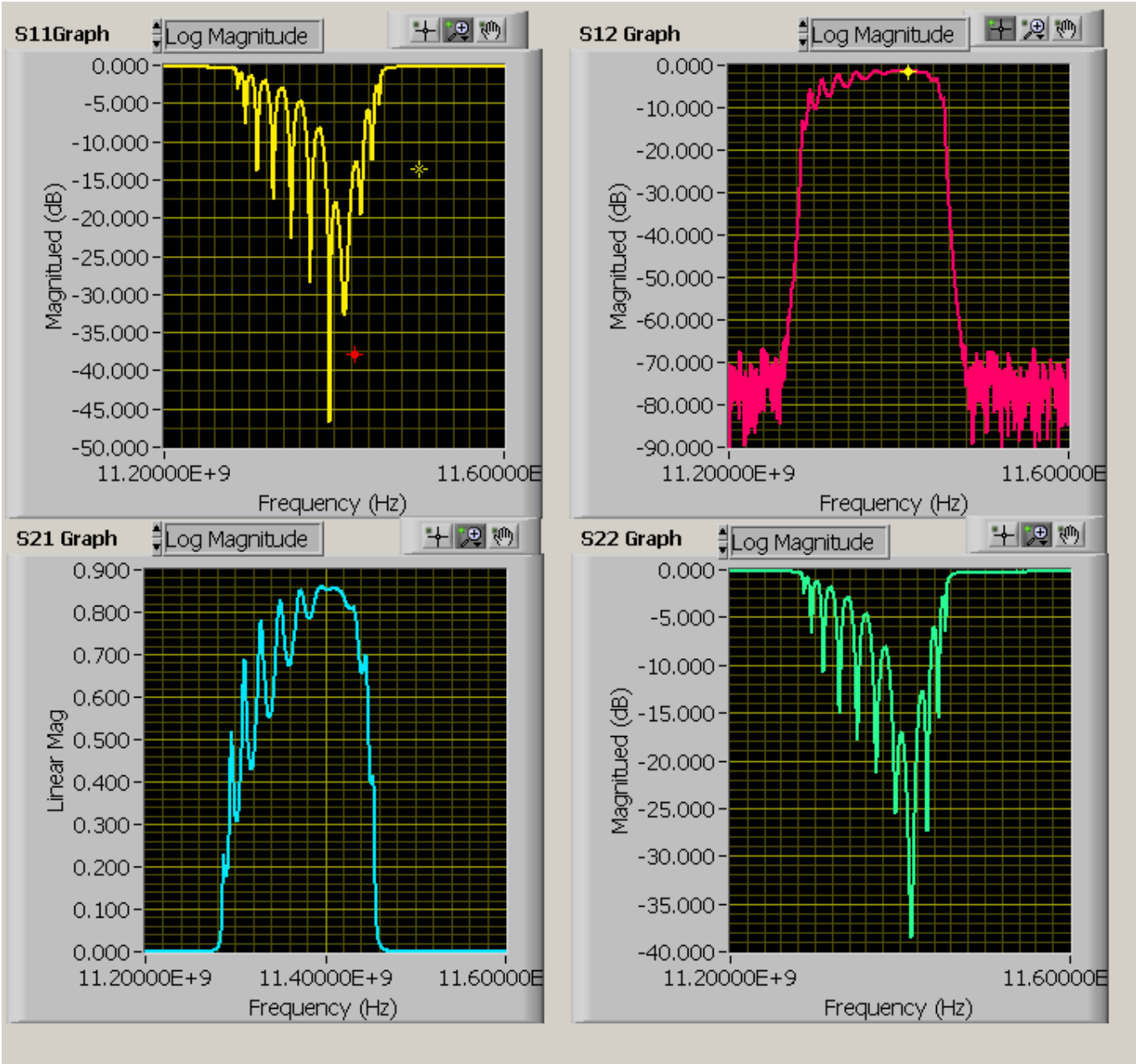
   C10_VG 2.25 #1, #2 and 2 x C10_VG 3.3 #1, #2
   - Addendum 4 is submitted three months ago, hopefully it will be processed next week.
3. T24_VG1.8_DISK #3 was delivered to SLAC yesterday, we will arrange its assembly next week.
4. Two TD18_VG2.4_DISK Structures
   - Bonding fixtures under fabrication.
   - Cup handling carriers purchased.
   - Assembly, tuning and baking in July – August.
   - One TD18 structure will be high power tested at SLAC in September.

First C10_VG1.35 Structure



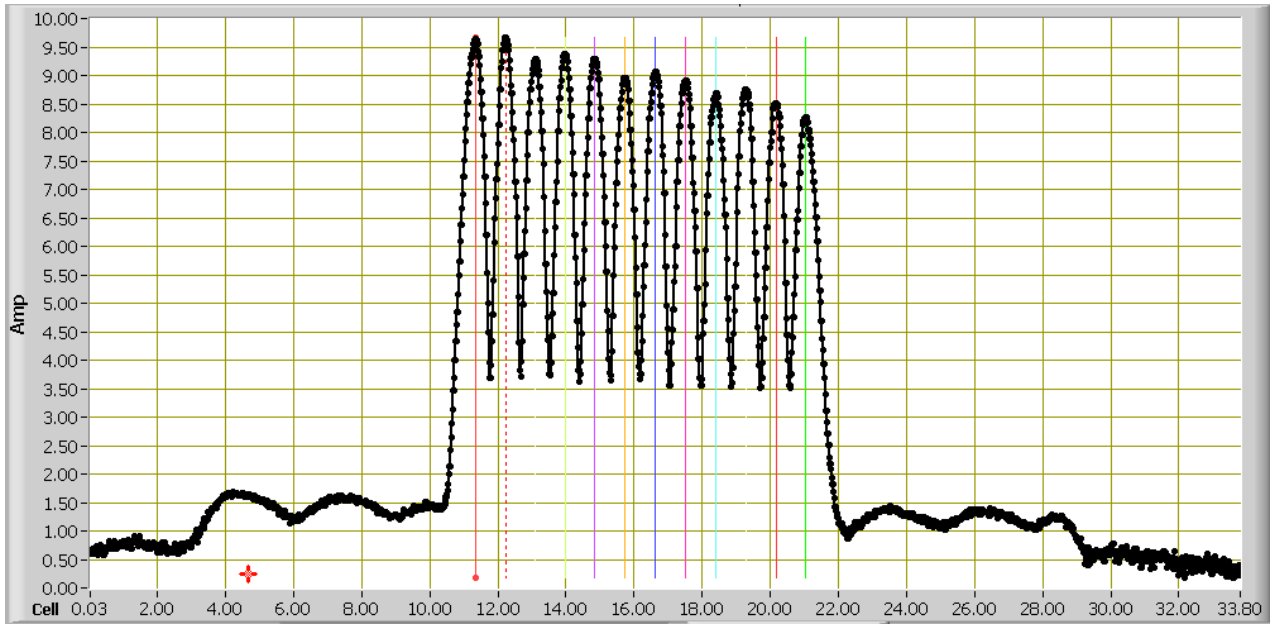
Measured S Parameters for the First C10_VG1.35 Structure

$S_{11} < 0.03$
$S_{22} < 0.03$
$S_{12} \sim 0.85$
$T_f \sim 26$ ns

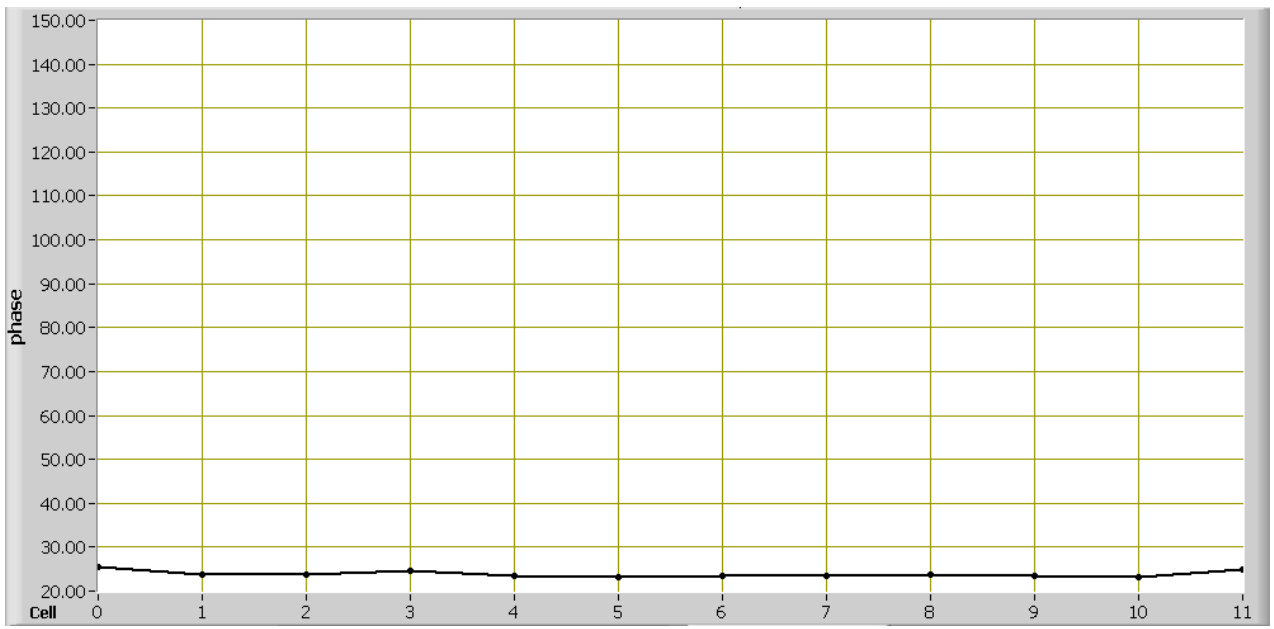


The First C10_VG1.35 Structure after tuning

Field Amplitude



Accumulated Phase Change



120°