

FIELD SERVICE VERIFICATION**SHIVELY LABS SERVICE**Date: 11/17/16-11/18-16Customer: Delmarva Educational Assoc.Customer Location: Jacksonville, FLCustomer Order No.: 6217aHLI S/O No. 34022Service Tech: Matt SmithTPOC: Jerry Smith

Description of Work Performed: Arrived on site around 7 pm to begin work on 11/17/16. We first had to move an existing filter to make room for the new balanced module. Disconnected the Rigid lines and moved filter to it's new placement. Ran rigid from transmitter to filter and connected to antennna. installed the new balanced module and took initial measurement (see attached).

Removed 2nd station from existing 2 station combiner, removed stub from the 2 way star junction, removed output network, retuned 88.1 MHz as band pass filter as best as possible without being able to access the middle probe.(see data).

Fabricated 7/8" rigid line from 4 station combiner to wideband input of balanced combiner with output network line from previous 2 station combiner. Measured input to input isolation of the 100.3 and 102.3 MHz filters to the narrow band input.(see data).

re tuned 102.3 MHz filter to reduce reflected from 11W reflected down to around 5W reflected. All other stations of concern were showing little to no reflected power.

Connected the new 101.1 transmitter to the new balanced module and powered up with 0 W reflected. All stations were running at full power with no issues when we finished up.

Time Log: _____

HLI Signature: _____ Date: _____

Customer Signature: _____ Date: _____

Instructions:

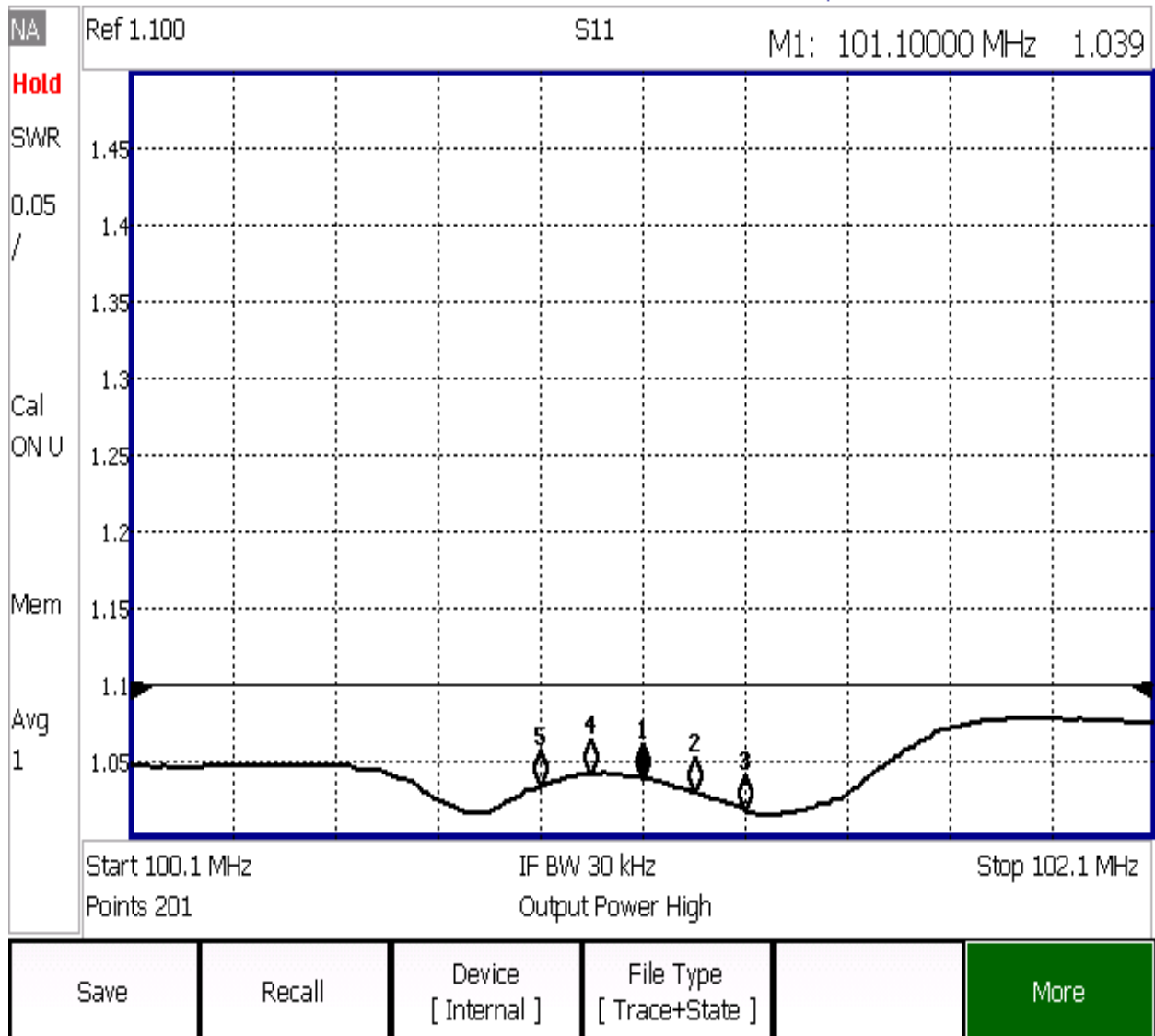
1. 'Save As' to new location. Fill out blanks on-screen. Print.
2. Sign as indicated.
3. Forward to service coordinator for filing.

34022

Field Service Jacksonville

Balanced module with 4 station connected

Mon, 21 Nov 2016 11:43:13 AM

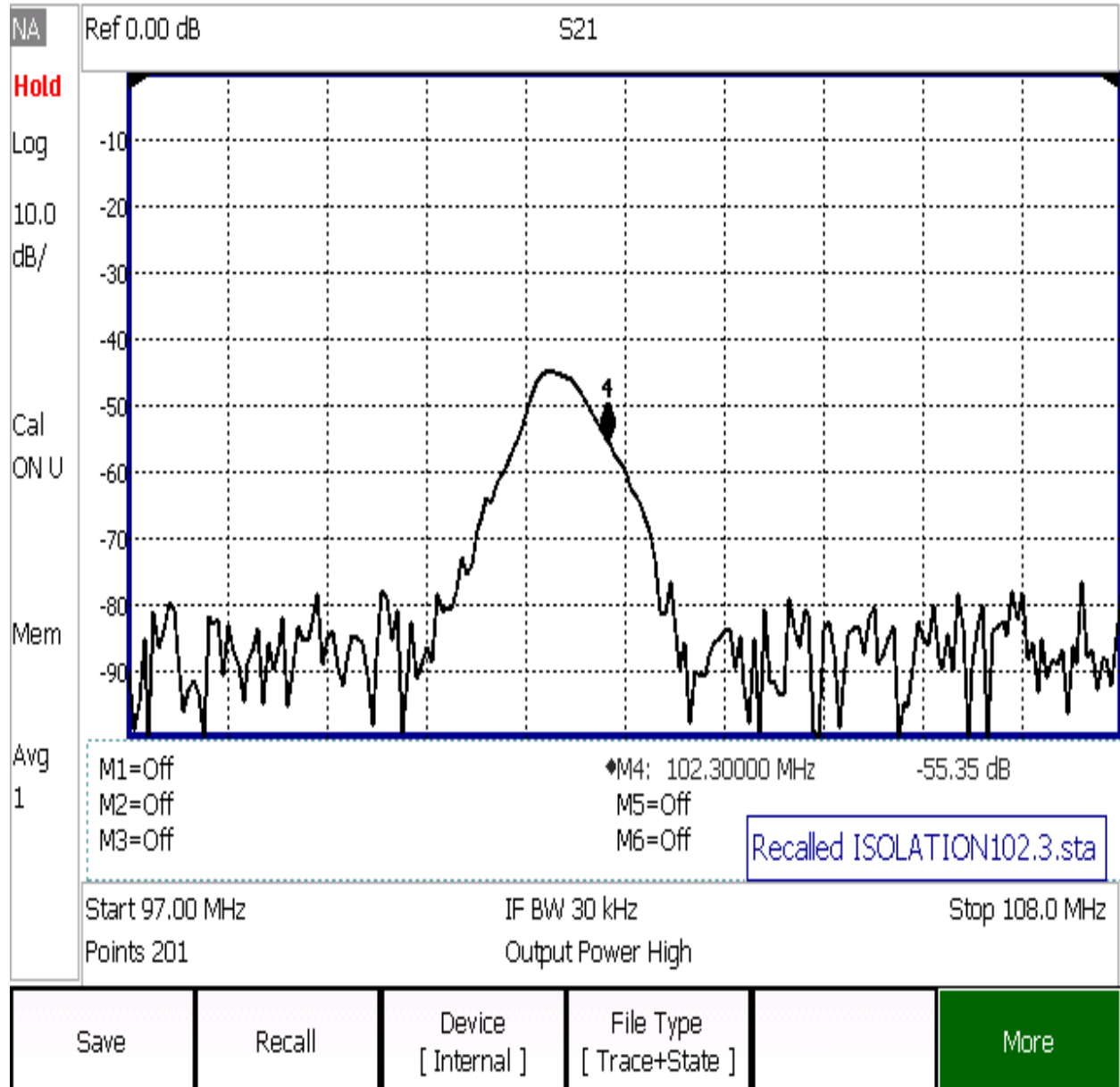


34022

Field Service Jacksonville

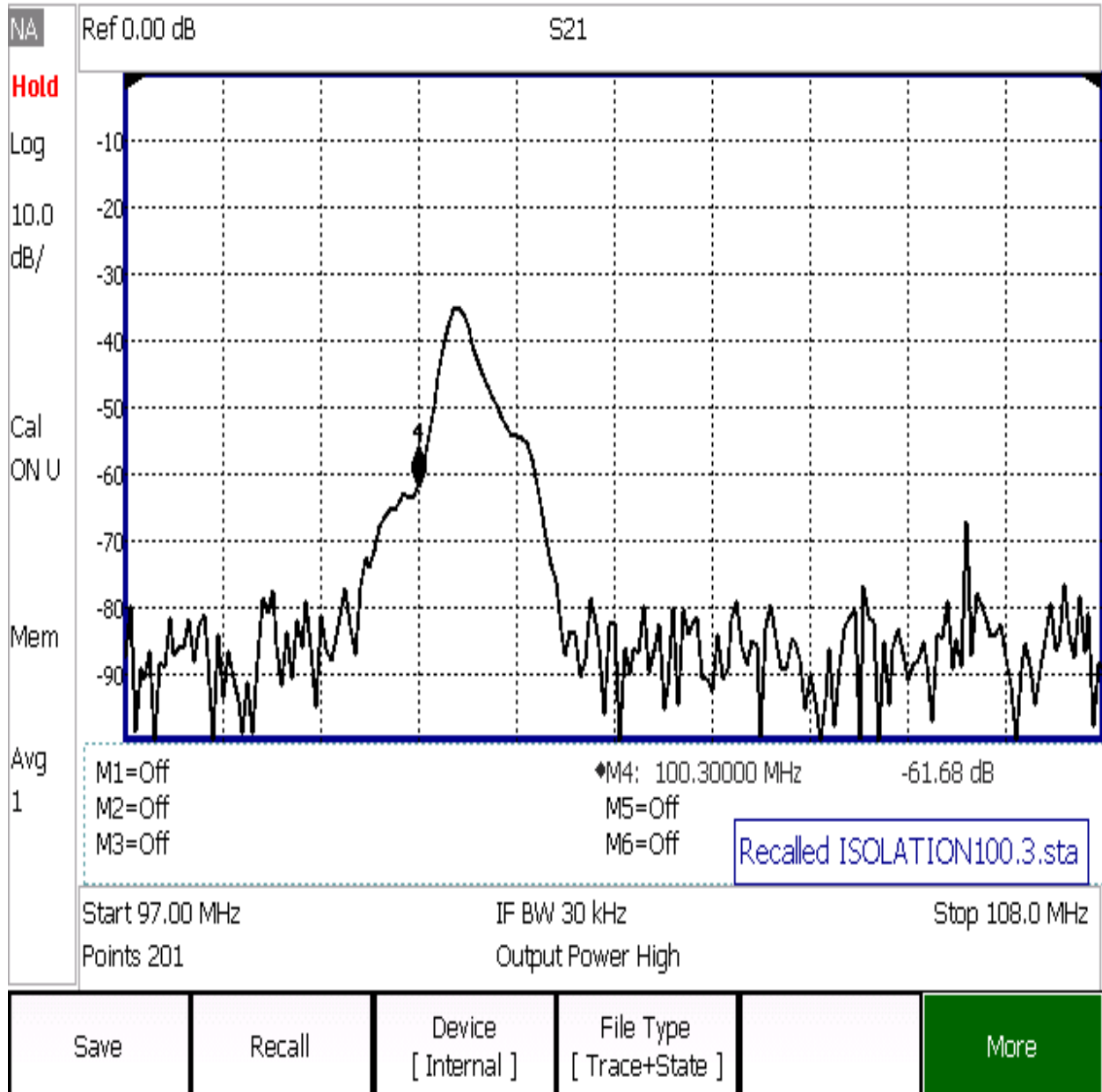
NB input to 102.3 MHz filter input
Isolation

Mon, 21 Nov 2016 11:45:17 AM



34022 Jacksonville, FL
Field Service
Isolation to 100.3 MHz input

Mon, 21 Nov 2016 11:46:18 AM



34022 Jacksonville, FL
Field Service
Removed 2nd station & tuned 88.1 MHz filter into antenna

Mon, 21 Nov 2016 11:48:03 AM

