ENGINEERING REQUIREMENTS FOR BENCH TESTING, SYSTEM INTEGRATION, AND TEST ANTENNA
MODULE INTERFACES

• NEEDED FOR BENCH TESTING
• LOW LEVEL SCREENS
• HIGH LEVEL SCREENS
• TEST SOFTWARE
LOW LEVEL SCREENS

• PROVIDE USER ACCESS TO ALL MODULE COMMAND AND MONITOR POINTS BY ADDRESS

• CAPABLE OF READING SINGLE ADDRESSES AND ADDRESS BLOCKS

• CAPABLE OF SINGLE AND CONTINUOUS MONITOR UPDATES
LOW LEVEL SCREENS

• MONITOR VALUES CAN BE DISPLAYED IN HEX OR DECIMAL

• CAPABLE OF SINGLE AND REPETITIVE COMMANDS
HIGH LEVEL SCREENS

• USUALLY ONE SCREEN PER MODULE, SOMETIMES MORE MAY BE NEEDED

• A USER FRIENDLY INTERACTIVE MODULE INTERFACE IS PROVIDED

• IMPORTANT MONITOR POINTS ARE DISPLAYED, LABELLED, AND UPDATED CONTINUOUSLY
HIGH LEVEL SCREENS

- IMPORTANT COMMAND POINTS ARE DISPLAYED
- USER CAN SPECIFY A PRECISE VALUE FOR NUMERIC COMMANDS
- BUTTONS AND KNOBS CAN BE USED TO SET VALUES AND INITIATE COMMANDS
SYSTEM INTEGRATION

- SCREENS WILL MONITOR SYSTEMS – SOME COMMAND CAPABILITY MAY ALSO BE NEEDED
- SINGLE SCREEN WILL INTERFACE WITH MULTIPLE MIBS
TEST SOFTWARE

• TEST SOFTWARE WILL BE NEEDED FOR INDIVIDUAL MODULES
• SYSTEM TEST SOFTWARE WILL BE NEEDED FOR SYSTEM INTEGRATION
TEST ANTENNA

• ALL SOFTWARE DEVELOPED FOR BENCH TESTING/SYSTEM INTEGRATION WILL BE USED IN TEST ANTENNA

• ADDITIONAL SYSTEMS SCREENS AND TEST SOFTWARE WILL BE NEEDED
SCHEDULE

• BENCH TESTING STARTS JANUARY, 2003

• SYSTEMS INTEGRATION STARTS FEBRUARY, 2003

• TEST ANTENNA SCHEDULED FOR APRIL, 2003