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4865B Change History

1.0 INTRODUCTION

This document lists the change history for the 4865B GPIB to Ethernet (VXI-11) Instrument

2.0 CHANGES

Revision	Date and Change
00.x0	01-03-13 Internal testing version.
00.x1	01-09-13 Initial Beta Version.
00.00	03-04-13 Revision updated to revision 0 for shipping.
00.01	03-15-13 Corrected EndFlg to properly terminate device_write messages without a linefeed terminator.
00.02	03-21-13 Fixed EOS would not update problem.
00.03	04-25-13 Miscellaneous corrections for Raw Socket operation.
00.04	07-22-13 RDY LED now off until IP address set and unit ready to find the companion instrument. EOSchar blank setting fixed. Default IP now Static at 169.254.48.65 for Windows 7 compatibility.
00.05	07-24-13 Removed test routine to speedup raw socket operation.

2.0 CHANGES CONTINUED

Revision	Date and Change
00.06	07-29-13 Added 'Add EOS character to GPIB Device Message' for GPIB Controllers that do not include a termination character with the device message. Warning: Enabling this setting can adversely affect binary data transfers.
00.07	08-06-13 Changed Raw Socket operation from timing out and closing the socket to the companion instrument in two seconds to wait until the 4865B's stack reports the companion instrument is non-responsive before closing the stack. Code optimized to increase GPIB data transfer rate by 2x. This change will only show up with large data transfers.
00.08	09-12-13 Corrected incoming stack transfer errors and GPIB retransmit pointer error to eliminate GPIB data loss when reading large messages.
00.09	09-26-18 Temporary change of the VXI11_timeout value for compatibility tests with a customer. Never released to manufacturing.
00.10	11-12-18 Added a configuration variable to set the VXI11_timeout value. Setting range is 150 to 10,000 ms.