Release Note

Installation Instruction

If your unit has outdated firmware version earlier than 1.721.004, do not upgrade your unit with the newest firmware directly. First, upgrade your unit with firmware 1.721.004, and then upgrade it with the newest one. Otherwise, your unit might become unusable. If you encounter any problem relating to FW upgrade, please contact our technical support team.

Unless otherwise specified, this document is applicable for both one port Cable Antenna Analyzer including JD723A and JD724B and two port Cable Antenna Analyzer including JD725A.

Firmware version information

<<Version: 3.035>>

New Features
- Generates an alarm message when the user attempts to save data in the USB Memory drive without actually connecting it.

Improvement
- Improved compatibility of HHST interface.

Bug Fix
- None.

<<Version: 3.036>>

New Features
1. Added three windowing types, including NSL (Nominal Side Lobe), LSL (Low Side Lobe), and MSL (Minimum Side Lobe).

No	Window Type	Typical Side Lobe Level (dB)	Window Function
1	Rectangular	-13.4	Rectangular
2	NSL (Nominal Side Lobe)	-40	Dolph-Chebyshev (SL=40)
3	LSL (Low Side Lobe)	-80	Dolph-Chebyshev (SL=80)
4	MSL (Minimum Side Lobe)	-90	Kaiser-Bessel (Beta=12)
5	Blackman	-58	Blackman (Non compensation)

2. Supports Chinese language

Bug Fix
1. Error on displaying parameter in EMUL mode: "CW: OFF" -> "CW: On"
2. Error on displaying distance unit (Meter / Feet) in DTF mode.
3. Error on message window refreshing.

Released version
1. 3.036.001 (May 24, 2010)
    - 1st draft
2. 3.036.002 (May 25, 2010)
    - Band name error in Chinese mode has been fixed.
3. 3.036.003
    - Slowing down of sweep speed in windowing mode has been fixed.
4. 3.036.004
    - System halt while saving screen has been fixed.
5. 3.036.005
    - Improved EMUL mode
6. 3.036.006
    - Improved NSL windowing
    - Error on displaying Marker information after DTF trace loading has been fixed.
7. 3.036.007
    - Image rejection capability in DTF mode has been improved.
8. 3.036.008
    - Image rejection filter in DTF mode has been changed.

<< Version: 3.037>>

New Features
- Improving image rejection filter performance in DTF processing.
- Adding DTF filter type on the screen.
- Adding sub-scale index in Y-axis.

Bug Fix

Released version
- 3.037.001 (Jul 13, 2010)
    - 1st draft
- 3.037.002 (Jul 16, 2010)
    - Added DTF filter type on the screen.
    - Added sub-scale index in Y-axis.

<< Version: 3.039>>
* This version does not support JD725A.

New Features
- Supportability of keypad LED backlight
- Optimization of memory occupation by excluding two port CAA functions.
- Current destination setting for "Trace Load" is stored as "Last Status" and restored after power on.

Bug Fix
- Error of displaying "Save Trace" menu in Power Meter has been fixed.
- Movement of progress bar in Load Cal step has been improved.
- Wrong displaying of filter type after loading DTF trace has been fixed.

Released version
- 3.039.001 (Feb 28, 2011)
    - 1st draft

- 3.039.002 (Mar 7, 2011)
  - Test version for supporting keypad LED
- 3.039.003 (Mar 8, 2009)
  - Supportability of keypad LED backlight
  - Current destination setting for Load Trace is stored in Last Status so that it can be kept after power on.
- 3.039.004 (Mar 17, 2011)
  - Amended an error message on Open Cal error. (New message: "Calibration failure! Please contact your local service or sales representative for repair service")
  - Erratic displaying of sub-scale index in Y-axis due to limitation of decimal points especially when (Max-Min) was smaller than one (1) has been fixed.
- 3.039.008 (Apr 5, 2011)
  - Fixed intermittent file corruption error when saving trace file.
  - Fixed error on data file managing especially when the total size of stored files was close to the limitation.

<< Version: 3.040>>
* This version does not support JD725A.

New Features
- None

Bug Fix
- Error in DTF measurement when the Span (MHz) is smaller than (trace point x 0.1)

Released version
- 3.040.001 (Oct 29, 2011)
  - 1st draft

<< Version: DKu1 3.041.002>>
* This version is applicable for JD723A and JD724B only.

New Features
- Improved temperature stability.

Bug Fix
- None

<< Version: DKu2 3.038.011>>
* This version is applicable for JD725A only.

New Features
- Improved temperature stability.

Bug Fix
- None

<< Version: DKu1 3.042.003>>
* This version is applicable for JD723A and JD724B (JD is compatible with GC).

Release Date: May 24, 2012

New Features
- Added a statement on Open Source License

<< Version: DKu2 3.042.004>>
* This version is applicable for JD725A only.

Release Date: May 24, 2012

New Features
- Supports Trace math in Gain/Loss measurement
- Supports interface with 730B power sensor
- Open source license

Application SW: JDViewer 4.40

<< Version: DKu2 3.043.001>>
* This version is applicable for JD725A only.

Release Date: Dec. 10, 2012

New Features
- Improved memory allocation.

Application SW: JDViewer 4.50

<< Version: DKu2 3.045.001>>
* This version is applicable for JD725A only.

Release date: May 24, 2013

New Features
- Supportability of French and German languages

Improvement / Bug Fix
- Improved immunity characteristics at low frequency below 300 MHz with optimized output profile for the high power protection circuitry.

Application SW: JDViewer 4.50 or higher

<< Version: DKu2 3.100.008>>
* This version is applicable only for the JD725A (Serial Number 1406G6331 and later) with new hardware.

Release date: March 18, 2014

New Features
- Changed RF Source feature with 1 dB step

Improvement / Bug Fix
- None

Application SW: JDViewer 4.50 or higher

<< Version: DKu1 3.043.001>>
* This version is applicable for JD723A and JD724B only.

Release Date: May 07, 2014

New Features
- None

Improvement / Bug Fix
- Fixed the error that caused a USB memory stick failed to be recognized. The failure was resulted from the USB chipset change

Application SW: JDViewer 4.50 or higher

<< Version: DKu2 3.046.001>>
* This version is applicable for JD725A only.

Release date: May 07, 2014

New Features
- None

Improvement / Bug Fix
- Fixed the error that caused a USB memory stick failed to be recognized. The failure was resulted from the USB chipset change

Application SW: JDViewer 4.50 or higher

<< Version: DKu2 3.101.001>>
* This version is applicable only for the JD725A (Serial Number 1406G6331 and later) with new hardware.

Release date: May 07, 2014

New Features
- None

Improvement / Bug Fix

- Fixed the error that caused a USB memory stick failed to be recognized. The failure was resulted from the USB chipset change

Application SW: JDViewer 4.50 or higher