

**HUGHES NETWORK SYSTEMS**

**FIELD SERVICE BULLETIN**

**SUBJECT:** Using the DAPT with Ku Equipment

**FSB NUMBER:** FSB\_080720\_01A

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**CHANGE TO BE IMPLEMENTED BY:**

AUTHORIZED HUGHES REPRESENTATIVE

CUSTOMER

**DOCUMENTATION AFFECTED:**

**CATEGORY:**

HARDWARE

FIRMWARE

SOFTWARE

OTHER

**EFFECTIVE DATE:**

**IMPLEMENT:**  IMMEDIATELY

NEXT SERVICE CALL

OTHER

**COMMENTS:**

This Field Service Bulletin (FSB) describes how to use the DiSeqC Antenna Pointing Tool (DAPT) with Ku-band equipment. Parts referenced in this FSB are:

- DAPT - 1501471-0002
- Filter - 1500950-0001
- Ku Antenna Pointing Tool Kit - 1501471-0006

**REMOVED MATERIAL DISPOSITION**

**SHIP TO** N/A

**ATTENTION** N/A

**COMMENTS** N/A

You can use the DAPT with DW and HN equipment, as a direct replacement for the OPI. The same 22 KHz filter must be used, as well. The DAPT is direction sensitive, see the back for the correct cable attachments.



Once the DAPT and filter are correctly assembled and installed, the first thing to notice is the displayed information. It will be showing you the actual voltage on the Rx IFL cable. This value could be anywhere between ~12.6vdc and as high as ~18.2vdc. This is based on Horizontal or Vertical receive of the system.



On your laptop, go to the System Control Center, select the Advanced page, go into Installation → Setup → Registration Installer (or Antenna Pointing), 'Enable OPI' and place the VSAT into the 'receive pointing' mode. By pressing the 'Advance' button (#3, on the right), it will change from the IFL cable voltage to 'COMM Startup'. The display will then change automatically to show you Mode and Value.

'Mode' will either be '0' or '2'. The '0' mode indicates receive pointing, while the '2' mode indicates ACP (Auto Cross-Pol), either 'manual' or 'automatic'. Manual mode will show a constantly changing (dynamic) value, while Automatic will show a single (static) value. The 'Value' indicated will be the same value showing on your laptop.



You cannot change DAPT operation from ACP to registration mode by pressing the 'Advanced' button. As with the OPI, you have to make that change at the laptop.