

The LPBUC firmware contains two SNMPV1/V2c MIBs. They are TERRASAT-IBUC-MIB.MIB and TERRASAT-PAA-MIB.MIB. The PAA MIB handles retrieving information and setting the attenuator while the IBUC MIB implements information and control of the Phase Combined System. The PAA MIB can be used to set the PAA attenuators only.

Some of the OIDs in the PAA MIB have a clause (UNITS "d-1"). The d stands for decimal and the 1 is how many positions to move the decimal point left. For instance, 100 would convert to 10.0 with the above clause. This applies to a read of the OID. If the user desires to set the value, then 10.0 would be sent as 100.

Since the LPBUC of the Phase Combined System gathers data from the PAAs an immediate read of an OID after a set may return the old value until an update occurs.