

61- ANI ONT Configuration Commands

61.1 ANI ONT Configuration Command Tree	61-1718
61.2 ANI ONT Thershold Configuration Command	61-1719
61.3 ANI ONT Video Configuration Command	61-1721

61.1 ANI ONT Configuration Command Tree

Description

This chapter gives an overview of nodes that are handled by "ANI ONT Configuration Commands".

Command Tree

```
----configure
  ----ani
    ----ont
      ----[no] tca-thresh
        - (ont-idx)
        - [no] lower-optical-th
        - [no] upper-optical-th
        - [no] rssi-profile
      ----[no] video
        - (ont-idx)
        - [no] plnd-agc-mode
        - [no] agc-offset
        - [no] lower-optical-th
        - [no] upper-optical-th
```

61.2 ANI ONT Thershold Configuration Command

Command Description

This command edits provisioning data associated with an ONT ANI.

User Level

The command can be accessed by operators with equipment privileges, and executed by operators with equipment privileges.

Command Syntax

The command has the following syntax:

```
> configure ani ont ( no tca-thresh (ont-idx) ) | ( tca-thresh (ont-idx) [ no lower-optical-th | lower-optical-th
<Gpon::OpticalthreshLow> ] [ no upper-optical-th | upper-optical-th <Gpon::OpticalthreshHigh> ] [ no rssi-profile |
rssi-profile <Gpon::RssiProfileId> ] )
```

Command Parameters

Table 61.2-1 "ANI ONT Thershold Configuration Command" Resource Parameters

Resource Identifier	Type	Description
(ont-idx)	Format: (<Eqpt::RackId> / <Eqpt::ShelfId> / <Eqpt::SlotId> / <Eqpt::PonId> / <Eqpt::OntId> ng2 : <Ng2::ChannelGroup> / <Ng2::SubchannelGroup> / <Ng2::OntId>) Possible values: - ng2 : ngpon2 style identification Field type <Eqpt::RackId> - the rack number Field type <Eqpt::ShelfId> - the shelf number Field type <Eqpt::SlotId> - the LT slot number Field type <Eqpt::PonId> - the PON identifier Field type <Ng2::ChannelGroup> - channel group number Field type <Ng2::SubchannelGroup> - subchannel group number Field type <Eqpt::OntId> - the ONT identifier Field type <Ng2::OntId> - the ONT identifier	ont index

Table 61.2-2 "ANI ONT Thershold Configuration Command" Command Parameters

61 ANI ONT Configuration Commands

Parameter	Type	Description
[no] lower-optical-th	Parameter type: <Gpon::OpticalthreshLow> Format: - optical level ONT uses to declare the low recieved - unit: dBm - range: [-127...0.5]	<i>optional parameter with default value: 0.5</i> indicates the optical level the ONT uses to declare the Low received.Value 0.5 dBm means ONT internal choice which would be MIB default 1
[no] upper-optical-th	Parameter type: <Gpon::OpticalthreshHigh> Format: - optical level ONT uses to declare the high recieved - unit: dBm - range: [-127...0.5]	<i>optional parameter with default value: 0.5</i> indicates the optical level the ONT uses to declare the High received.Value 0.5 dBm means ONT internal choice which would be MIB default 1
[no] rssi-profile	Parameter type: <Gpon::RssiProfileId> Format: - an unique index value for the rssi profile(0-200 configurable) - range: [0...200]	<i>optional parameter with default value: "0"</i> an unique index of the rssi profile(0-200)

61.3 ANI ONT Video Configuration Command

Command Description

This command edits provisioning data associated with a ONTVIDANI.

User Level

The command can be accessed by operators with equipment privileges, and executed by operators with equipment privileges.

Command Syntax

The command has the following syntax:

```
> configure ani ont ( no video (ont-idx) ) | ( video (ont-idx) [ no plnd-agc-mode | plnd-agc-mode
<Gpon::AgcMode> ] [ no agc-offset | agc-offset <Gpon::AgcOffset> ] [ no lower-optical-th | lower-optical-th
<Gpon::VidOpticalThresh> ] [ no upper-optical-th | upper-optical-th <Gpon::VidOpticalThresh> ] )
```

Command Parameters

Table 61.3-1 "ANI ONT Video Configuration Command" Resource Parameters

Resource Identifier	Type	Description
(ont-idx)	Format: (<Eqpt::RackId> / <Eqpt::ShelfId> / <Eqpt::SlotId> / <Eqpt::PonId> / <Eqpt::OntId> ng2 : <Ng2::ChannelGroup> / <Ng2::SubchannelGroup> / <Ng2::OntId>) Possible values: - ng2 : ngpon2 style identification Field type <Eqpt::RackId> - the rack number Field type <Eqpt::ShelfId> - the shelf number Field type <Eqpt::SlotId> - the LT slot number Field type <Eqpt::PonId> - the PON identifier Field type <Ng2::ChannelGroup> - channel group number Field type <Ng2::SubchannelGroup> - subchannel group number Field type <Eqpt::OntId> - the ONT identifier Field type <Ng2::OntId> - the ONT identifier	ont index

Table 61.3-2 "ANI ONT Video Configuration Command" Command Parameters

61 ANI ONT Configuration Commands

Parameter	Type	Description
[no] plnd-agc-mode	Parameter type: <Gpon::AgcMode> Format: (no-agc broad-band-agc) Possible values: - no-agc : No AGC is used - broad-band-agc : Broadband RF AGC is used	<i>optional parameter with default value: "broad-band-agc"</i> allows provisioning of the ONT's AGC capabilities
[no] agc-offset	Parameter type: <Gpon::Agcoffset> Format: - Offset value to be used for Broadband RF AGC or Optical - unit: db - range: [-12...12]	<i>optional parameter with default value: 2</i> indicates the offset value to be used for Broadband RF AGC or Optical
[no] lower-optical-th	Parameter type: <Gpon::Vidopticalthresh> Format: - optical level the ONT uses to declare the Video-OOR high/Low alarm - unit: dBm - range: [-12...6]	<i>optional parameter with default value: -9.5</i> indicates the optical level the ONT uses to declare the Video-OOR Low alarm
[no] upper-optical-th	Parameter type: <Gpon::Vidopticalthresh> Format: - optical level the ONT uses to declare the Video-OOR high/Low alarm - unit: dBm - range: [-12...6]	<i>optional parameter with default value: 1.0</i> indicates the optical level the ONT uses to declare the Video-OOR high alarm