**Frequency start Value**

This field below allows you to modify the frequency the cable modem start with its scan during initialization and registration. Enter the new start frequency

| | |
|---|---|
| | 507000000 |
| **Starting Frequency** | |

**Startup Procedure**

| Procedure | Status | Comment |
|---|---|---|
| Acquire Downstream Channel | 507000000 Hz | Locked |
| Connectivity State | OK | Operational |
| Boot State | OK | Operational |
| Security | ENABLED | BPI+ |
| IP Provisioning Mode | Honor MDD | IPv6 only |

**Downstream Bonded Channels**

| Channel | Lock Status | Modulation | Channel ID | Frequency | Power | SNR | Correctables | Uncorrectables |
|---|---|---|---|---|---|---|---|---|
| 1 | Locked | QAM256 | 9 | 507000000 Hz | 0.1 dBmV | 39.0 dB | 0 | 0 |
| 2 | Locked | QAM256 | 6 | 483000000 Hz | -2.3 dBmV | 39.1 dB | 0 | 0 |

| | | | | | | | |
|---|---|---|---|---|---|---|---|
| 3 | Locked | QAM256 | 7 | 489000000 Hz | -1.5 dBmV | 39.2 dB | 0 | 0 |
| 4 | Locked | QAM256 | 8 | 495000000 Hz | -0.9 dBmV | 38.9 dB | 0 | 0 |
| 5 | Locked | QAM256 | 10 | 513000000 Hz | 0.5 dBmV | 39.1 dB | 0 | 0 |
| 6 | Locked | QAM256 | 11 | 519000000 Hz | 0.3 dBmV | 37.2 dB | 0 | 0 |
| 7 | Locked | QAM256 | 12 | 525000000 Hz | 0.6 dBmV | 37.8 dB | 0 | 0 |
| 8 | Locked | QAM256 | 13 | 531000000 Hz | 0.3 dBmV | 37.8 dB | 0 | 0 |
| 9 | Locked | QAM256 | 14 | 537000000 Hz | 1.0 dBmV | 39.0 dB | 0 | 0 |
| 10 | Locked | QAM256 | 15 | 543000000 Hz | 1.2 dBmV | 39.1 dB | 0 | 0 |
| 11 | Locked | QAM256 | 16 | 549000000 Hz | 1.7 dBmV | 39.2 dB | 0 | 0 |
| 12 | Not Locked | Unknown | 0 | 0 Hz | 0.0 dBmV | 0.0 dB | 0 | 0 |
| 13 | Not Locked | Unknown | 0 | 0 Hz | 0.0 dBmV | 0.0 dB | 0 | 0 |
| 14 | Not Locked | Unknown | 0 | 0 Hz | 0.0 dBmV | 0.0 dB | 0 | 0 |
| 15 | Not Locked | Unknown | 0 | 0 Hz | 0.0 dBmV | 0.0 dB | 0 | 0 |
| 16 | Not Locked | Unknown | 0 | 0 Hz | 0.0 dBmV | 0.0 dB | 0 | 0 |
| 17 | Not Locked | Unknown | 0 | 0 Hz | 0.0 dBmV | 0.0 dB | 0 | 0 |
| 18 | Not Locked | Unknown | 0 | 0 Hz | 0.0 dBmV | 0.0 dB | 0 | 0 |
| 19 | Not Locked | Unknown | 0 | 0 Hz | 0.0 dBmV | 0.0 dB | 0 | 0 |
| 20 | Not Locked | Unknown | 0 | 0 Hz | 0.0 dBmV | 0.0 dB | 0 | 0 |
| 21 | Not Locked | Unknown | 0 | 0 Hz | 0.0 dBmV | 0.0 dB | 0 | 0 |
| 22 | Not Locked | Unknown | 0 | 0 Hz | 0.0 dBmV | 0.0 dB | 0 | 0 |

| | | | | | | | | |
|---|---|---|---|---|---|---|---|---|
| 23 | Not Locked | Unknown | 0 | 0 Hz | 0.0 dBmV | 0.0 dB | 0 | 0 |
| 24 | Not Locked | Unknown | 0 | 0 Hz | 0.0 dBmV | 0.0 dB | 0 | 0 |
| 25 | Not Locked | Unknown | 0 | 0 Hz | 0.0 dBmV | 0.0 dB | 0 | 0 |
| 26 | Not Locked | Unknown | 0 | 0 Hz | 0.0 dBmV | 0.0 dB | 0 | 0 |
| 27 | Not Locked | Unknown | 0 | 0 Hz | 0.0 dBmV | 0.0 dB | 0 | 0 |
| 28 | Not Locked | Unknown | 0 | 0 Hz | 0.0 dBmV | 0.0 dB | 0 | 0 |
| 29 | Not Locked | Unknown | 0 | 0 Hz | 0.0 dBmV | 0.0 dB | 0 | 0 |
| 30 | Not Locked | Unknown | 0 | 0 Hz | 0.0 dBmV | 0.0 dB | 0 | 0 |
| 31 | Not Locked | Unknown | 0 | 0 Hz | 0.0 dBmV | 0.0 dB | 0 | 0 |
| 32 | Not Locked | Unknown | 0 | 0 Hz | 0.0 dBmV | 0.0 dB | 0 | 0 |

**Upstream Bonded Channels (Partial Service)**

| Channel | Lock Status | US Channel Type | Channel ID | Symbol Rate | Frequency | Power |
|---|---|---|---|---|---|---|
| 1 | Locked | ATDMA | 1 | 5120 Ksym/sec | 35800000 Hz | 59.0 dBmV |
| 2 | Locked | ATDMA | 2 | 5120 Ksym/sec | 29400000 Hz | 59.0 dBmV |
| 3 | Locked | ATDMA | 3 | 5120 Ksym/sec | 23000000 Hz | 59.0 dBmV |
| 4 | Locked | ATDMA | 4 | 5120 Ksym/sec | 16600000 Hz | 59.0 dBmV |

| | | | | | |
|---|---|---|---|---|---|
| 5 | Not Locked | Unknown | 0 | 0 Ksym/sec | 0 Hz | 0 dBmV |
| 6 | Not Locked | Unknown | 0 | 0 Ksym/sec | 0 Hz | 0 dBmV |
| 7 | Not Locked | Unknown | 0 | 0 Ksym/sec | 0 Hz | 0 dBmV |
| 8 | Not Locked | Unknown | 0 | 0 Ksym/sec | 0 Hz | 0 dBmV |

**Downstream OFDM Channels**

| Channel | Channel ID | Indicator | Subcarrier Zero Frequency | Active Subcarrier Number Range | Total Codewords | Uncorrectable Codewords |
|---|---|---|---|---|---|---|
| 1 | 37 | Non-Primary | 611600000 Hz | 1228 ~ 2867 | 103028 | 0 |
| 2 | 0 | Other | 0 Hz | 0 ~ 0 | 0 | 0 |

**Upstream OFDMA Channels**

| Channel | UpstreamIsMuted | Ranging Status | Subcarrier Zero Frequency | Active Subcarrier Number Range | Symbols Per Frame | Tx Power |
|---|---|---|---|---|---|---|
| 1 | | Other | 0 Hz | 0 ~ 0 | 0 | 0 dBmV |
| 2 | | Other | 0 Hz | 0 ~ 0 | 0 | 0 dBmV |

**Current System Time:** Sun, Apr 05, 2020 06:23:26

| Time | Priority | Description |
|------|----------|-------------|
| 2020-04-04, 23:58:34 | Critical (3) | Started Unicast Maintenance Ranging - No Response received - T3 time-out;CM-MAC=08:36:c9:cc:4a:20;CMTS-MAC=00:01:5c:63:16:47;CM-QOS=1.1;CM-VER=3.1; |
| 2020-04-04, 23:54:58 | Critical (3) | No Ranging Response received - T3 time-out;CM-MAC=08:36:c9:cc:4a:20;CMTS-MAC=00:01:5c:63:16:47;CM-QOS=1.1;CM-VER=3.1; |
| 2020-04-04, 23:54:58 | Critical (3) | 16 consecutive T3 timeouts while trying to range on upstream channel 3;CM-MAC=08:36:c9:cc:4a:20;CMTS-MAC=00:01:5c:63:16:47;CM-QOS=1.1;CM-VER=3.1; |
| 2020-04-04, 23:54:58 | Critical (3) | Unicast Maintenance Ranging attempted - No response - Retries exhausted;CM-MAC=08:36:c9:cc:4a:20;CMTS-MAC=00:01:5c:63:16:47;CM-QOS=1.1;CM-VER=3.1; |
| 2020-04-04, 23:54:37 | Critical (3) | Started Unicast Maintenance Ranging - No Response received - T3 time-out;CM-MAC=08:36:c9:cc:4a:20;CMTS-MAC=00:01:5c:63:16:47;CM-QOS=1.1;CM-VER=3.1; |
| 2020-04-04, 23:54:05 | Critical (3) | No Ranging Response received - T3 time-out;CM-MAC=08:36:c9:cc:4a:20;CMTS-MAC=00:01:5c:63:16:47;CM-QOS=1.1;CM-VER=3.1; |
| 2020-04-04, 23:53:06 | Critical (3) | Started Unicast Maintenance Ranging - No Response received - T3 time-out;CM-MAC=08:36:c9:cc:4a:20;CMTS-MAC=00:01:5c:63:16:47;CM-QOS=1.1;CM-VER=3.1; |
| Time Not Established | Notice (6) | Honoring MDD; IP provisioning mode = IPv6 |
| Time Not Established | Critical (3) | Received Response to Broadcast Maintenance Request, But no Unicast Maintenance opportunities received - T4 time out;CM-MAC=08:36:c9:cc:4a:20;CMTS-MAC=00:01:5c:63:16:47;CM-QOS=1.1;CM-VER=3.1; |
| Time Not Established | Critical (3) | No Ranging Response received - T3 time-out;CM-MAC=08:36:c9:cc:4a:20;CMTS-MAC=00:01:5c:63:16:47;CM-QOS=1.1;CM-VER=3.1; |
| Time Not Established | Critical (3) | SYNC Timing Synchronization failure - Failed to acquire QAM/QPSK symbol timing;CM-MAC=08:36:c9:cc:4a:20;CMTS-MAC=00:00:00:00:00:00;CM-QOS=1.1;CM-VER=3.1; |
| 2020-04-04, 23:46:24 | Critical (3) | Started Unicast Maintenance Ranging - No Response received - T3 time-out;CM-MAC=08:36:c9:cc:4a:20;CMTS-MAC=00:01:5c:63:16:47;CM-QOS=1.1;CM-VER=3.1; |
| 2020-04-04, 23:46:02 | Critical (3) | Received Response to Broadcast Maintenance Request, But no Unicast Maintenance opportunities received - T4 time out;CM-MAC=08:36:c9:cc:4a:20;CMTS-MAC=00:01:5c:63:16:47;CM-QOS=1.1;CM-VER=3.1; |
| 2020-04-04, 23:44:55 | Critical (3) | No Ranging Response received - T3 time-out;CM-MAC=08:36:c9:cc:4a:20;CMTS-MAC=00:01:5c:63:16:47;CM-QOS=1.1;CM-VER=3.1; |
| 2020-04-04, 23:44:50 | Critical (3) | Received Response to Broadcast Maintenance Request, But no Unicast Maintenance opportunities received - T4 time out;CM-MAC=08:36:c9:cc:4a:20;CMTS-MAC=00:01:5c:63:16:47;CM-QOS=1.1;CM-VER=3.1; |

| | | |
|---|---|---|
| 2020-04-04, 23:43:43 | Critical (3) | No Ranging Response received - T3 time-out;CM-MAC=08:36:c9:cc:4a:20;CMTS-MAC=00:01:5c:63:16:47;CM-QOS=1.1;CM-VER=3.1; |
| 2020-04-04, 23:43:38 | Critical (3) | Received Response to Broadcast Maintenance Request, But no Unicast Maintenance opportunities received - T4 time out;CM-MAC=08:36:c9:cc:4a:20;CMTS-MAC=00:01:5c:63:16:47;CM-QOS=1.1;CM-VER=3.1; |
| 2020-04-04, 23:42:44 | Critical (3) | No Ranging Response received - T3 time-out;CM-MAC=08:36:c9:cc:4a:20;CMTS-MAC=00:01:5c:63:16:47;CM-QOS=1.1;CM-VER=3.1; |
| 2020-04-04, 23:42:39 | Critical (3) | Received Response to Broadcast Maintenance Request, But no Unicast Maintenance opportunities received - T4 time out;CM-MAC=08:36:c9:cc:4a:20;CMTS-MAC=00:01:5c:63:16:47;CM-QOS=1.1;CM-VER=3.1; |
| 2020-04-04, 23:41:43 | Critical (3) | No Ranging Response received - T3 time-out;CM-MAC=08:36:c9:cc:4a:20;CMTS-MAC=00:01:5c:63:16:47;CM-QOS=1.1;CM-VER=3.1; |
| 2020-04-04, 23:41:38 | Critical (3) | Received Response to Broadcast Maintenance Request, But no Unicast Maintenance opportunities received - T4 time out;CM-MAC=08:36:c9:cc:4a:20;CMTS-MAC=00:01:5c:63:16:47;CM-QOS=1.1;CM-VER=3.1; |
| 2020-04-04, 23:40:13 | Critical (3) | No Ranging Response received - T3 time-out;CM-MAC=08:36:c9:cc:4a:20;CMTS-MAC=00:01:5c:63:16:47;CM-QOS=1.1;CM-VER=3.1; |
| 2020-04-04, 23:40:05 | Critical (3) | Received Response to Broadcast Maintenance Request, But no Unicast Maintenance opportunities received - T4 time out;CM-MAC=08:36:c9:cc:4a:20;CMTS-MAC=00:01:5c:63:16:47;CM-QOS=1.1;CM-VER=3.1; |
| 2020-04-04, 23:39:54 | Critical (3) | No Maintenance Broadcasts for Ranging opportunities received - T2 time-out;CM-MAC=08:36:c9:cc:4a:20;CMTS-MAC=00:01:5c:63:16:47;CM-QOS=1.1;CM-VER=3.1; |
| 2020-04-04, 23:39:44 | Critical (3) | No Ranging Response received - T3 time-out;CM-MAC=08:36:c9:cc:4a:20;CMTS-MAC=00:01:5c:63:16:47;CM-QOS=1.1;CM-VER=3.1; |
| 2020-04-04, 23:38:44 | Critical (3) | Started Unicast Maintenance Ranging - No Response received - T3 time-out;CM-MAC=08:36:c9:cc:4a:20;CMTS-MAC=00:01:5c:63:16:47;CM-QOS=1.1;CM-VER=3.1; |
| Time Not Established | Critical (3) | Received Response to Broadcast Maintenance Request, But no Unicast Maintenance opportunities received - T4 time out;CM-MAC=08:36:c9:cc:4a:20;CMTS-MAC=00:01:5c:63:16:47;CM-QOS=1.1;CM-VER=3.1; |
| Time Not Established | Critical (3) | No Ranging Response received - T3 time-out;CM-MAC=08:36:c9:cc:4a:20;CMTS-MAC=00:01:5c:63:16:47;CM-QOS=1.1;CM-VER=3.1; |
| Time Not Established | Critical (3) | Received Response to Broadcast Maintenance Request, But no Unicast Maintenance opportunities received - T4 time out;CM-MAC=08:36:c9:cc:4a:20;CMTS-MAC=00:01:5c:63:16:47;CM-QOS=1.1;CM-VER=3.1; |
| Time Not Established | Critical (3) | No Ranging Response received - T3 time-out;CM-MAC=08:36:c9:cc:4a:20;CMTS-MAC=00:01:5c:63:16:47;CM-QOS=1.1;CM-VER=3.1; |

| Time Not Established | Critical (3) | SYNC Timing Synchronization failure - Failed to acquire QAM/QPSK symbol timing;CM-MAC=08:36:c9:cc:4a:20;CMTS-MAC=00:00:00:00:00:00;CM-QOS=1.1;CM-VER=3.1; |
|---|---|---|
| 2020-04-04, 18:33:53 | Critical (3) | 16 consecutive T3 timeouts while trying to range on upstream channel 3;CM-MAC=08:36:c9:cc:4a:20;CMTS-MAC=00:01:5c:63:16:47;CM-QOS=1.1;CM-VER=3.1; |
| 2020-04-04, 18:33:53 | Critical (3) | Unicast Maintenance Ranging attempted - No response - Retries exhausted;CM-MAC=08:36:c9:cc:4a:20;CMTS-MAC=00:01:5c:63:16:47;CM-QOS=1.1;CM-VER=3.1; |
| 2020-04-04, 18:33:50 | Critical (3) | Started Unicast Maintenance Ranging - No Response received - T3 time-out;CM-MAC=08:36:c9:cc:4a:20;CMTS-MAC=00:01:5c:63:16:47;CM-QOS=1.1;CM-VER=3.1; |
| 2020-04-04, 18:33:49 | Critical (3) | No Ranging Response received - T3 time-out;CM-MAC=08:36:c9:cc:4a:20;CMTS-MAC=00:01:5c:63:16:47;CM-QOS=1.1;CM-VER=3.1; |
| 2020-04-04, 18:33:47 | Critical (3) | Started Unicast Maintenance Ranging - No Response received - T3 time-out;CM-MAC=08:36:c9:cc:4a:20;CMTS-MAC=00:01:5c:63:16:47;CM-QOS=1.1;CM-VER=3.1; |
| 2020-04-04, 18:33:47 | Critical (3) | No Ranging Response received - T3 time-out;CM-MAC=08:36:c9:cc:4a:20;CMTS-MAC=00:01:5c:63:16:47;CM-QOS=1.1;CM-VER=3.1; |
| 2020-04-04, 18:33:42 | Critical (3) | Started Unicast Maintenance Ranging - No Response received - T3 time-out;CM-MAC=08:36:c9:cc:4a:20;CMTS-MAC=00:01:5c:63:16:47;CM-QOS=1.1;CM-VER=3.1; |
| 2020-04-04, 18:33:41 | Critical (3) | No Ranging Response received - T3 time-out;CM-MAC=08:36:c9:cc:4a:20;CMTS-MAC=00:01:5c:63:16:47;CM-QOS=1.1;CM-VER=3.1; |
| 2020-04-04, 18:33:39 | Critical (3) | Started Unicast Maintenance Ranging - No Response received - T3 time-out;CM-MAC=08:36:c9:cc:4a:20;CMTS-MAC=00:01:5c:63:16:47;CM-QOS=1.1;CM-VER=3.1; |