

equency

Startup Procedure

Procedure	Status	Comment
Acquire Downstream Channel	675000000 Hz	Locked
Connectivity State	OK	Operational
Boot State	OK	Operational
Security	Enabled	BPI+
IP Provisioning Mode	Honor MDD	honorMdd(4)

Downstream Bonded Channels (Partial Service)

Channel	Lock Status	Modulation	Channel ID	Frequency	Power	SNR	Correctables	Uncorrectables
1	Locked	QAM256	31	675000000 Hz	4.6 dBmV	40.2 dB	0	0
2	Locked	QAM256	1	489000000 Hz	7.5 dBmV	42.7 dB	134032	70443
3	Locked	QAM256	2	495000000 Hz	7.5 dBmV	42.7 dB	0	0
4	Locked	QAM256	3	501000000 Hz	7.6 dBmV	42.8 dB	0	0
5	Locked	QAM256	4	507000000 Hz	7.5 dBmV	42.5 dB	0	0
6	Not Locked	Unknown	5	513000000 Hz	0.0 dBmV	0.0 dB	0	0
7	Locked	QAM256	6	519000000 Hz	7 dBmV	42 dB	0	0
8	Locked	QAM256	7	525000000 Hz	7.2 dBmV	42.5 dB	0	0
9	Locked	QAM256	8	531000000 Hz	7.2 dBmV	42.6 dB	0	0
10	Locked	QAM256	9	537000000 Hz	7 dBmV	42.3 dB	0	0
11	Locked	QAM256	10	543000000 Hz	6.8 dBmV	42.3 dB	0	0
12	Locked	QAM256	11	549000000 Hz	7 dBmV	42.4 dB	0	0
13	Locked	QAM256	12	555000000 Hz	7.1 dBmV	42.5 dB	0	0
14	Locked	QAM256	13	561000000 Hz	6.8 dBmV	42.2 dB	0	0
15	Locked	QAM256	14	567000000 Hz	6.2 dBmV	41.9 dB	0	0
16	Locked	QAM256	15	573000000 Hz	6 dBmV	41.9 dB	0	0
17	Locked	QAM256	16	585000000 Hz	5.7 dBmV	41.8 dB	0	0
18	Locked	QAM256	17	591000000 Hz	5 dBmV	41.5 dB	0	0
19	Locked	QAM256	18	597000000 Hz	5 dBmV	41.5 dB	0	0
20	Locked	QAM256	19	603000000 Hz	5.3 dBmV	41.7 dB	0	0
21	Locked	QAM256	20	609000000 Hz	5.3 dBmV	41.8 dB	0	0
22	Locked	QAM256	21	615000000 Hz	5.3 dBmV	41.6 dB	0	0
23	Locked	QAM256	22	621000000 Hz	5.1 dBmV	41.5 dB	0	0
24	Locked	QAM256	23	627000000 Hz	5.1 dBmV	41.5 dB	0	0
25	Locked	QAM256	24	633000000 Hz	5 dBmV	41.2 dB	0	0
26	Locked	QAM256	25	639000000 Hz	5 dBmV	40.8 dB	0	0
27	Locked	QAM256	26	645000000 Hz	4.9 dBmV	41.4 dB	0	0
28	Locked	QAM256	27	651000000 Hz	5.1 dBmV	41.4 dB	0	0
29	Locked	QAM256	28	657000000 Hz	4.7 dBmV	41.2 dB	0	0

30	Locked	QAM256	29	663000000 Hz	4.6 dBmV	41.1 dB	0	0
31	Locked	QAM256	30	669000000 Hz	4.3 dBmV	40.9 dB	0	0
32	Not Locked	Unknown	0	0 Hz	0.0 dBmV	0.0 dB	0	0

Upstream Bonded Channels

Channel	Lock Status	US Channel Type	Channel ID	Symbol Rate	Frequency	Power
1	Locked	ATDMA	21	5120 Ksym/sec	21900000 Hz	49.8 dBmV
2	Locked	ATDMA	22	5120 Ksym/sec	28300000 Hz	50.8 dBmV
3	Locked	ATDMA	23	5120 Ksym/sec	34700000 Hz	51.8 dBmV
4	Locked	ATDMA	24	2560 Ksym/sec	39500000 Hz	52.5 dBmV
5	Not Locked	Unknown	0	0 Ksym/sec	0 Hz	0.0 dBmV
6	Not Locked	Unknown	0	0 Ksym/sec	0 Hz	0.0 dBmV
7	Not Locked	Unknown	0	0 Ksym/sec	0 Hz	0.0 dBmV
8	Not Locked	Unknown	0	0 Ksym/sec	0 Hz	0.0 dBmV

Downstream OFDM Channels

Channel	Lock Status	Modulation / Profile ID	Channel ID	Frequency	Power	SNR / MER	Active Subcarrier Number Range	Unerrored Codewords	Correctable Codewords	Uncorrectable Codewords
1	Locked	0,1,2	32	719000000 Hz	4.0 dBmV	40.0 dB	1348 ~ 2747	13345031	6400794	0
2	Not Locked	0	0	0 Hz	0 dBmV	0.0 dB	0 ~ 4095	0	0	0

Upstream OFDMA Channels

Channel	Lock Status	Modulation / Profile ID	Channel ID	Frequency	Power
1	Not Locked	0	0	0 Hz	0 dBmV
2	Not Locked	0	0	0 Hz	0 dBmV

Extended Upstream Transmit Power

Enable Extended Upstream Transmit Power

Current System Time: Mon Dec 12 15:30:16 2022

System Up Time: 00:29:13

Time	Priority	Description
Mon Dec 12 15:02:11 2022	Notice (6)	CM-STATUS message sent. Event Type Code: 5; Chan ID: 32; DSID: N/A; MAC Addr: N/A; OFDM/OFDMA Profile ID: N/A.;CM-MAC=23:ab:9c:0f:8a:b8;CMTS-MAC=00:01:5c:78:c6:63;CM-QOS=1.1;CM-VER=3.1;
Mon Dec 12 15:01:45 2022	Warning (5)	REG-RSP-MP Mismatch Between Calculated Value for P1.6hi Compared to CCAP Provided Value;CM-MAC=23:ab:9c:0f:8a:b8;CMTS-MAC=00:01:5c:78:c6:63;CM-QOS=1.1;CM-VER=3.1;

Mon Dec 12 15:01:41 2022	Notice (6)	DS profile assignment change. DS Chan ID: 32; Previous Profile: ; New Profile: 1 2.;CM-MAC=23:ab:9c:0f:8a:b8;CMTS-MAC=00:01:5c:78:c6:63;CM-QOS=1.1;CM-VER=3.1;
Mon Dec 12 15:01:36 2022	Notice (6)	TLV-11 - unrecognized OID;CM-MAC=23:ab:9c:0f:8a:b8;CMTS-MAC=00:01:5c:78:c6:63;CM-QOS=1.1;CM-VER=3.1;
Mon Dec 12 15:01:35 2022	Warning (5)	DHCP WARNING - Non-critical field invalid in response ;CM-MAC=23:ab:9c:0f:8a:b8;CMTS-MAC=00:01:5c:78:c6:63;CM-QOS=1.1;CM-VER=3.1;
Time Not Established	Notice (6)	Honoring MDD; IP provisioning mode = IPv4
Time Not Established	Critical (3)	No Ranging Response received - T3 time-out;CM-MAC=23:ab:9c:0f:8a:b8;CMTS-MAC=00:01:5c:78:c6:63;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=23:ab:9c:0f:8a:b8;CMTS-MAC=00:00:00:00:00:00;CM-QOS=1.1;CM-VER=3.1;
Mon Dec 12 15:00:08 2022	Notice (6)	TLV-11 - unrecognized OID;CM-MAC=23:ab:9c:0f:8a:b8;CMTS-MAC=00:01:5c:78:c6:63;CM-QOS=1.1;CM-VER=3.1;
Mon Dec 12 15:00:08 2022	Warning (5)	DHCP WARNING - Non-critical field invalid in response ;CM-MAC=23:ab:9c:0f:8a:b8;CMTS-MAC=00:01:5c:78:c6:63;CM-QOS=1.1;CM-VER=3.1;
Mon Dec 12 15:00:04 2022	Notice (6)	Honoring MDD; IP provisioning mode = IPv4
Mon Dec 12 15:00:00 2022	Critical (3)	No Ranging Response received - T3 time-out;CM-MAC=23:ab:9c:0f:8a:b8;CMTS-MAC=00:01:5c:78:c6:63;CM-QOS=1.1;CM-VER=3.1;
Mon Dec 12 14:56:39 2022	Notice (6)	CM-STATUS message sent. Event Type Code: 5; Chan ID: 32; DSID: N/A; MAC Addr: N/A; OFDM/OFDMA Profile ID: N/A.;CM-MAC=23:ab:9c:0f:8a:b8;CMTS-MAC=00:01:5c:78:c6:63;CM-QOS=1.1;CM-VER=3.1;
Mon Dec 12 14:56:17 2022	Warning (5)	REG-RSP-MP Mismatch Between Calculated Value for P1.6hi Compared to CCAP Provided Value;CM-MAC=23:ab:9c:0f:8a:b8;CMTS-MAC=00:01:5c:78:c6:63;CM-QOS=1.1;CM-VER=3.1;
Mon Dec 12 14:56:13 2022	Notice (6)	DS profile assignment change. DS Chan ID: 32; Previous Profile: ; New Profile: 1 2.;CM-MAC=23:ab:9c:0f:8a:b8;CMTS-MAC=00:01:5c:78:c6:63;CM-QOS=1.1;CM-VER=3.1;
Mon Dec 12 14:56:07 2022	Notice (6)	TLV-11 - unrecognized OID;CM-MAC=23:ab:9c:0f:8a:b8;CMTS-MAC=00:01:5c:78:c6:63;CM-QOS=1.1;CM-VER=3.1;
Mon Dec 12 14:56:07 2022	Warning (5)	DHCP WARNING - Non-critical field invalid in response ;CM-MAC=23:ab:9c:0f:8a:b8;CMTS-MAC=00:01:5c:78:c6:63;CM-QOS=1.1;CM-VER=3.1;
Time Not Established	Notice (6)	Honoring MDD; IP provisioning mode = IPv4
Time Not Established	Critical (3)	SYNC Timing Synchronization failure - Failed to acquire QAM/QPSK symbol timing;;CM-MAC=23:ab:9c:0f:8a:b8;CMTS-MAC=00:00:00:00:00:00;CM-QOS=1.1;CM-VER=3.1;
Mon Dec 12 14:29:34 2022	Notice (6)	CM-STATUS message sent. Event Type Code: 5; Chan ID: 32; DSID: N/A; MAC Addr: N/A; OFDM/OFDMA Profile ID: N/A.;CM-MAC=23:ab:9c:0f:8a:b8;CMTS-MAC=00:01:5c:78:c6:63;CM-QOS=1.1;CM-VER=3.1;
Mon Dec 12 14:29:03 2022	Warning (5)	REG-RSP-MP Mismatch Between Calculated Value for P1.6hi Compared to CCAP Provided Value;CM-MAC=23:ab:9c:0f:8a:b8;CMTS-MAC=00:01:5c:78:c6:63;CM-QOS=1.1;CM-VER=3.1;
Mon Dec 12 14:28:58 2022	Notice (6)	DS profile assignment change. DS Chan ID: 32; Previous Profile: ; New Profile: 1 2.;CM-MAC=23:ab:9c:0f:8a:b8;CMTS-MAC=00:01:5c:78:c6:63;CM-QOS=1.1;CM-VER=3.1;
Mon Dec 12 14:28:53 2022	Notice (6)	TLV-11 - unrecognized OID;CM-MAC=23:ab:9c:0f:8a:b8;CMTS-MAC=00:01:5c:78:c6:63;CM-QOS=1.1;CM-VER=3.1;
Mon Dec 12 14:28:53 2022	Warning (5)	DHCP WARNING - Non-critical field invalid in response ;CM-MAC=23:ab:9c:0f:8a:b8;CMTS-MAC=00:01:5c:78:c6:63;CM-QOS=1.1;CM-VER=3.1;

Time Not Established	Notice (6)	Honoring MDD; IP provisioning mode = IPv4
Time Not Established	Critical (3)	SYNC Timing Synchronization failure - Failed to acquire QAM/QPSK symbol timing;;CM-MAC=23:ab:9c:0f:8a:b8;CMTS-MAC=00:00:00:00:00:00;CM-QOS=1.1;CM-VER=3.1;
Mon Dec 12 11:57:14 2022	Notice (6)	CM-STATUS message sent. Event Type Code: 4; Chan ID: 1 4 6; DSID: N/A; MAC Addr: N/A; OFDM/OFDMA Profile ID: N/A.;CM-MAC=23:ab:9c:0f:8a:b8;CMTS-MAC=00:01:5c:78:c6:63;CM-QOS=1.1;CM-VER=3.1;
Mon Dec 12 11:57:12 2022	Warning (5)	MDD message timeout;CM-MAC=23:ab:9c:0f:8a:b8;CMTS-MAC=00:01:5c:78:c6:63;CM-QOS=1.1;CM-VER=3.1;
Mon Dec 12 10:50:04 2022	Notice (6)	CM-STATUS message sent. Event Type Code: 2; Chan ID: 5; DSID: N/A; MAC Addr: N/A; OFDM/OFDMA Profile ID: N/A.;CM-MAC=23:ab:9c:0f:8a:b8;CMTS-MAC=00:01:5c:78:c6:63;CM-QOS=1.1;CM-VER=3.1;
Mon Dec 12 10:49:45 2022	Notice (6)	CM-STATUS message sent. Event Type Code: 1; Chan ID: 5; DSID: N/A; MAC Addr: N/A; OFDM/OFDMA Profile ID: N/A.;CM-MAC=23:ab:9c:0f:8a:b8;CMTS-MAC=00:01:5c:78:c6:63;CM-QOS=1.1;CM-VER=3.1;
Mon Dec 12 10:49:40 2022	Warning (5)	MDD message timeout;CM-MAC=23:ab:9c:0f:8a:b8;CMTS-MAC=00:01:5c:78:c6:63;CM-QOS=1.1;CM-VER=3.1;
Mon Dec 12 10:49:08 2022	Notice (6)	CM-STATUS message sent. Event Type Code: 5; Chan ID: 1 4 5 6 32; DSID: N/A; MAC Addr: N/A; OFDM/OFDMA Profile ID: N/A.;CM-MAC=23:ab:9c:0f:8a:b8;CMTS-MAC=00:01:5c:78:c6:63;CM-QOS=1.1;CM-VER=3.1;
Mon Dec 12 10:48:57 2022	Notice (6)	CM-STATUS message sent. Event Type Code: 4; Chan ID: 4 5 6; DSID: N/A; MAC Addr: N/A; OFDM/OFDMA Profile ID: N/A.;CM-MAC=23:ab:9c:0f:8a:b8;CMTS-MAC=00:01:5c:78:c6:63;CM-QOS=1.1;CM-VER=3.1;
Mon Dec 12 10:13:33 2022	Notice (6)	CM-STATUS message sent. Event Type Code: 2; Chan ID: 5; DSID: N/A; MAC Addr: N/A; OFDM/OFDMA Profile ID: N/A.;CM-MAC=23:ab:9c:0f:8a:b8;CMTS-MAC=00:01:5c:78:c6:63;CM-QOS=1.1;CM-VER=3.1;
Mon Dec 12 10:13:24 2022	Notice (6)	CM-STATUS message sent. Event Type Code: 1; Chan ID: 5; DSID: N/A; MAC Addr: N/A; OFDM/OFDMA Profile ID: N/A.;CM-MAC=23:ab:9c:0f:8a:b8;CMTS-MAC=00:01:5c:78:c6:63;CM-QOS=1.1;CM-VER=3.1;
Mon Dec 12 10:13:08 2022	Warning (5)	MDD message timeout;CM-MAC=23:ab:9c:0f:8a:b8;CMTS-MAC=00:01:5c:78:c6:63;CM-QOS=1.1;CM-VER=3.1;
Mon Dec 12 10:11:17 2022	Notice (6)	CM-STATUS message sent. Event Type Code: 4; Chan ID: 4 5 6; DSID: N/A; MAC Addr: N/A; OFDM/OFDMA Profile ID: N/A.;CM-MAC=23:ab:9c:0f:8a:b8;CMTS-MAC=00:01:5c:78:c6:63;CM-QOS=1.1;CM-VER=3.1;
Mon Dec 12 10:11:15 2022	Notice (6)	CM-STATUS message sent. Event Type Code: 5; Chan ID: 1 4 5 6 32; DSID: N/A; MAC Addr: N/A; OFDM/OFDMA Profile ID: N/A.;CM-MAC=23:ab:9c:0f:8a:b8;CMTS-MAC=00:01:5c:78:c6:63;CM-QOS=1.1;CM-VER=3.1;
Mon Dec 12 10:10:47 2022	Warning (5)	MDD message timeout;CM-MAC=23:ab:9c:0f:8a:b8;CMTS-MAC=00:01:5c:78:c6:63;CM-QOS=1.1;CM-VER=3.1;
Mon Dec 12 10:09:14 2022	Notice (6)	CM-STATUS message sent. Event Type Code: 5; Chan ID: 1 4 5 6 32; DSID: N/A; MAC Addr: N/A; OFDM/OFDMA Profile ID: N/A.;CM-MAC=23:ab:9c:0f:8a:b8;CMTS-MAC=00:01:5c:78:c6:63;CM-QOS=1.1;CM-VER=3.1;