

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 and restart the cable modem for it to take effect.

Starting Frequency

Startup Procedure

Procedure	Status	Comment
Acquire Downstream Channel	717000000 Hz	Locked
Connectivity State	OK	Operational
Boot State	OK	Operational
Security	Enabled	BPI+
IP Provisioning Mode	Honor MDD	honorMdd(4)

Downstream Bonded Channels

Channel	Lock Status	Modulation	Channel ID	Frequency	Power	SNR	Correctables	Uncorrectables
1	Locked	QAM256	27	717000000 Hz	-1.5 dBmV	40.3 dB	0	0
2	Locked	QAM256	1	561000000 Hz	2.5 dBmV	40.5 dB	0	0
3	Locked	QAM256	2	567000000 Hz	0.9 dBmV	40.2 dB	0	0
4	Locked	QAM256	3	573000000 Hz	1 dBmV	40.3 dB	0	0
5	Locked	QAM256	4	579000000 Hz	0.7 dBmV	40.1 dB	0	0
6	Locked	QAM256	5	585000000 Hz	0.3 dBmV	39.9 dB	0	0
7	Locked	QAM256	6	591000000 Hz	1.3 dBmV	40.1 dB	0	0
8	Locked	QAM256	7	597000000 Hz	-0.3 dBmV	39.9 dB	0	0
9	Locked	QAM256	8	603000000 Hz	1 dBmV	40.3 dB	0	0
10	Locked	QAM256	9	609000000 Hz	0.1 dBmV	40 dB	0	0
11	Locked	QAM256	10	615000000 Hz	-1.8 dBmV	39.8 dB	0	0
12	Locked	QAM256	11	621000000 Hz	0.7 dBmV	40.3 dB	0	0
13	Locked	QAM256	12	627000000 Hz	-0.5 dBmV	40.1 dB	0	0
14	Locked	QAM256	13	633000000 Hz	-2.1 dBmV	39.8 dB	0	0
15	Locked	QAM256	14	639000000 Hz	1 dBmV	40.4 dB	0	0
16	Locked	QAM256	15	645000000 Hz	1.1 dBmV	40.6 dB	0	0

17	Locked	QAM256	16	651000000 Hz	0 dBmV	40.3 dB	0	0
18	Locked	QAM256	17	657000000 Hz	2 dBmV	40.7 dB	0	0
19	Locked	QAM256	18	663000000 Hz	2.9 dBmV	40.9 dB	0	0
20	Locked	QAM256	19	669000000 Hz	2 dBmV	40.8 dB	0	0
21	Locked	QAM256	20	675000000 Hz	2.2 dBmV	40.3 dB	0	0
22	Locked	QAM256	21	681000000 Hz	2.5 dBmV	41 dB	0	0
23	Locked	QAM256	22	687000000 Hz	2 dBmV	40.9 dB	0	0
24	Locked	QAM256	23	693000000 Hz	1.8 dBmV	40.9 dB	0	0
25	Locked	QAM256	24	699000000 Hz	1.2 dBmV	40.8 dB	0	0
26	Locked	QAM256	25	705000000 Hz	1.1 dBmV	40.9 dB	0	0
27	Locked	QAM256	26	711000000 Hz	0.2 dBmV	40.6 dB	0	0
28	Locked	QAM256	28	723000000 Hz	-0.9 dBmV	40.4 dB	0	0
29	Locked	QAM256	29	729000000 Hz	-1.9 dBmV	39.9 dB	0	0
30	Locked	QAM256	30	735000000 Hz	-4.3 dBmV	39.3 dB	0	0
31	Locked	QAM256	31	741000000 Hz	-2.4 dBmV	39.4 dB	0	0
32	Locked	QAM256	32	747000000 Hz	-2.2 dBmV	39.5 dB	0	0

Upstream Bonded Channels

Channel	Lock Status	US Channel Type	Channel ID	Symbol Rate	Frequency	Power
1	Locked	ATDMA	9	5120 Ksym/sec	37800000 Hz	49.3 dBmV
2	Locked	ATDMA	10	5120 Ksym/sec	31000000 Hz	48.3 dBmV
3	Locked	ATDMA	11	5120 Ksym/sec	24200000 Hz	47.5 dBmV
4	Locked	ATDMA	12	5120 Ksym/sec	17400000 Hz	47.8 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
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1	Not Locked	0	0	0 Hz	0 dBmV	0.0 dB	0 ~ 4095	0	0	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

Time	Priority	Description
Mon Jan 25 14:16:35 2021	Error (4)	Primary address failed, secondary active;CM-MAC=08:36:c9:42:be:58;CMTS-MAC=00:01:5c:b4:66:48;CM-QOS=1.1;CM-VER=3.1;
Mon Jan 25 14:16:35 2021	Warning (5)	DHCP WARNING - Non-critical field invalid in response ;CM-MAC=08:36:c9:42:be:58;CMTS-MAC=00:01:5c:b4:66:48;CM-QOS=1.1;CM-VER=3.1;
Time Not Established	Critical (3)	DHCP failed - RS sent, no RA received;CM-MAC=08:36:c9:42:be:58;CMTS-MAC=00:01:5c:b4:66:48;CM-QOS=1.1;CM-VER=3.1;
Time Not Established	Notice (6)	Honoring MDD; IP provisioning mode = APM
Time Not Established	Critical (3)	SYNC Timing Synchronization failure - Failed to acquire QAM/QPSK symbol timing;;CM-MAC=08:36:c9:42:be:58;CMTS-MAC=00:00:00:00:00:00;CM-QOS=1.1;CM-VER=3.1;
Sun Jan 24 16:40:55 2021	Error (4)	Primary address failed, secondary active;CM-MAC=08:36:c9:42:be:58;CMTS-MAC=00:01:5c:b4:66:48;CM-QOS=1.1;CM-VER=3.1;
Sun Jan 24 16:40:55 2021	Warning (5)	DHCP WARNING - Non-critical field invalid in response ;CM-MAC=08:36:c9:42:be:58;CMTS-MAC=00:01:5c:b4:66:48;CM-QOS=1.1;CM-VER=3.1;
Time Not Established	Critical (3)	DHCP failed - RS sent, no RA received;CM-MAC=08:36:c9:42:be:58;CMTS-MAC=00:01:5c:b4:66:48;CM-QOS=1.1;CM-VER=3.1;
Time Not Established	Notice (6)	Honoring MDD; IP provisioning mode = APM
Time Not Established	Critical (3)	SYNC Timing Synchronization failure - Failed to acquire QAM/QPSK symbol timing;;CM-MAC=08:36:c9:42:be:58;CMTS-MAC=00:00:00:00:00:00;CM-QOS=1.1;CM-VER=3.1;
Sun Jan 24 09:18:57 2021	Error (4)	Primary address failed, secondary active;CM-MAC=08:36:c9:42:be:58;CMTS-MAC=00:01:5c:b4:66:48;CM-QOS=1.1;CM-VER=3.1;
Sun Jan 24 09:18:57 2021	Warning (5)	DHCP WARNING - Non-critical field invalid in response ;CM-MAC=08:36:c9:42:be:58;CMTS-MAC=00:01:5c:b4:66:48;CM-QOS=1.1;CM-VER=3.1;
Time Not Established	Critical (3)	DHCP failed - RS sent, no RA received;CM-MAC=08:36:c9:42:be:58;CMTS-MAC=00:01:5c:b4:66:48;CM-QOS=1.1;CM-VER=3.1;
Time Not Established	Notice (6)	Honoring MDD; IP provisioning mode = APM
Time Not Established	Critical (3)	SYNC Timing Synchronization failure - Failed to acquire QAM/QPSK symbol timing;;CM-MAC=08:36:c9:42:be:58;CMTS-MAC=00:00:00:00:00:00;CM-QOS=1.1;CM-VER=3.1;
Sun Jan 24 00:01:56 2021	Error (4)	Primary address failed, secondary active;CM-MAC=08:36:c9:42:be:58;CMTS-MAC=00:01:5c:b4:66:48;CM-QOS=1.1;CM-VER=3.1;
Sun Jan 24 00:01:56 2021	Warning (5)	DHCP WARNING - Non-critical field invalid in response ;CM-MAC=08:36:c9:42:be:58;CMTS-MAC=00:01:5c:b4:66:48;CM-QOS=1.1;CM-VER=3.1;
Time Not Established	Critical (3)	DHCP failed - RS sent, no RA received;CM-MAC=08:36:c9:42:be:58;CMTS-MAC=00:01:5c:b4:66:48;CM-QOS=1.1;CM-VER=3.1;
Time Not Established	Notice (6)	Honoring MDD; IP provisioning mode = APM

Time Not Established	Critical (3)	SYNC Timing Synchronization failure - Failed to acquire QAM/QPSK symbol timing;;CM-MAC=08:36:c9:42:be:58;CMTS-MAC=00:00:00:00:00:00;CM-QOS=1.1;CM-VER=3.1;
Sat Jan 23 15:14:56 2021	Error (4)	Primary address failed, secondary active;CM-MAC=08:36:c9:42:be:58;CMTS-MAC=00:01:5c:b4:66:48;CM-QOS=1.1;CM-VER=3.1;
Sat Jan 23 15:14:56 2021	Warning (5)	DHCP WARNING - Non-critical field invalid in response ;CM-MAC=08:36:c9:42:be:58;CMTS-MAC=00:01:5c:b4:66:48;CM-QOS=1.1;CM-VER=3.1;
Time Not Established	Critical (3)	DHCP failed - RS sent, no RA received;CM-MAC=08:36:c9:42:be:58;CMTS-MAC=00:01:5c:b4:66:48;CM-QOS=1.1;CM-VER=3.1;
Time Not Established	Notice (6)	Honoring MDD; IP provisioning mode = APM
Time Not Established	Critical (3)	SYNC Timing Synchronization failure - Failed to acquire QAM/QPSK symbol timing;;CM-MAC=08:36:c9:42:be:58;CMTS-MAC=00:00:00:00:00:00;CM-QOS=1.1;CM-VER=3.1;
Sat Jan 23 08:27:07 2021	Critical (3)	Started Unicast Maintenance Ranging - No Response received - T3 time-out;CM-MAC=08:36:c9:42:be:58;CMTS-MAC=00:01:5c:b4:66:48;CM-QOS=1.1;CM-VER=3.1;
Fri Jan 22 20:40:23 2021	Error (4)	Primary address failed, secondary active;CM-MAC=08:36:c9:42:be:58;CMTS-MAC=00:01:5c:b4:66:48;CM-QOS=1.1;CM-VER=3.1;
Fri Jan 22 20:40:23 2021	Warning (5)	DHCP WARNING - Non-critical field invalid in response ;CM-MAC=08:36:c9:42:be:58;CMTS-MAC=00:01:5c:b4:66:48;CM-QOS=1.1;CM-VER=3.1;
Time Not Established	Critical (3)	DHCP failed - RS sent, no RA received;CM-MAC=08:36:c9:42:be:58;CMTS-MAC=00:01:5c:b4:66:48;CM-QOS=1.1;CM-VER=3.1;
Time Not Established	Notice (6)	Honoring MDD; IP provisioning mode = APM
Time Not Established	Critical (3)	SYNC Timing Synchronization failure - Failed to acquire QAM/QPSK symbol timing;;CM-MAC=08:36:c9:42:be:58;CMTS-MAC=00:00:00:00:00:00;CM-QOS=1.1;CM-VER=3.1;
Fri Jan 22 20:19:48 2021	Error (4)	Primary address failed, secondary active;CM-MAC=08:36:c9:42:be:58;CMTS-MAC=00:01:5c:b4:66:48;CM-QOS=1.1;CM-VER=3.1;
Fri Jan 22 20:19:48 2021	Warning (5)	DHCP WARNING - Non-critical field invalid in response ;CM-MAC=08:36:c9:42:be:58;CMTS-MAC=00:01:5c:b4:66:48;CM-QOS=1.1;CM-VER=3.1;
Time Not Established	Critical (3)	DHCP failed - RS sent, no RA received;CM-MAC=08:36:c9:42:be:58;CMTS-MAC=00:01:5c:b4:66:48;CM-QOS=1.1;CM-VER=3.1;
Time Not Established	Notice (6)	Honoring MDD; IP provisioning mode = APM
Time Not Established	Critical (3)	SYNC Timing Synchronization failure - Failed to acquire QAM/QPSK symbol timing;;CM-MAC=08:36:c9:42:be:58;CMTS-MAC=00:00:00:00:00:00;CM-QOS=1.1;CM-VER=3.1;
Thu Jan 21 18:58:01 2021	Error (4)	Primary address failed, secondary active;CM-MAC=08:36:c9:42:be:58;CMTS-MAC=00:01:5c:b4:66:48;CM-QOS=1.1;CM-VER=3.1;
Thu Jan 21 18:58:01 2021	Warning (5)	DHCP WARNING - Non-critical field invalid in response ;CM-MAC=08:36:c9:42:be:58;CMTS-MAC=00:01:5c:b4:66:48;CM-QOS=1.1;CM-VER=3.1;
Time Not Established	Critical (3)	DHCP failed - RS sent, no RA received;CM-MAC=08:36:c9:42:be:58;CMTS-MAC=00:01:5c:b4:66:48;CM-QOS=1.1;CM-VER=3.1;
Time Not Established	Notice (6)	Honoring MDD; IP provisioning mode = APM

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 and restart the cable modem for it to take effect.

Starting Frequency

Startup Procedure

Procedure	Status	Comment
Acquire Downstream Channel	717000000 Hz	Locked

Connectivity State	OK	Operational
Boot State	OK	Operational
Security	Enabled	BPI+
IP Provisioning Mode	Honor MDD	honorMdd(4)

Downstream Bonded Channels

Channel	Lock Status	Modulation	Channel ID	Frequency	Power	SNR	Correctables	Uncorrectables
1	Locked	QAM256	27	717000000 Hz	-1.3 dBmV	40.3 dB	0	0
2	Locked	QAM256	1	561000000 Hz	2.6 dBmV	40.5 dB	0	0
3	Locked	QAM256	2	567000000 Hz	1 dBmV	40.3 dB	0	0
4	Locked	QAM256	3	573000000 Hz	1.1 dBmV	40.3 dB	0	0
5	Locked	QAM256	4	579000000 Hz	0.8 dBmV	40.2 dB	0	0
6	Locked	QAM256	5	585000000 Hz	0.4 dBmV	39.9 dB	0	0
7	Locked	QAM256	6	591000000 Hz	1.4 dBmV	40.2 dB	0	0
8	Locked	QAM256	7	597000000 Hz	-0.1 dBmV	40 dB	0	0
9	Locked	QAM256	8	603000000 Hz	1.2 dBmV	40.3 dB	0	0
10	Locked	QAM256	9	609000000 Hz	0.3 dBmV	40.1 dB	0	0
11	Locked	QAM256	10	615000000 Hz	-1.6 dBmV	39.8 dB	0	0
12	Locked	QAM256	11	621000000 Hz	0.9 dBmV	40.3 dB	0	0
13	Locked	QAM256	12	627000000 Hz	-0.4 dBmV	40.1 dB	0	0
14	Locked	QAM256	13	633000000 Hz	-2 dBmV	39.9 dB	0	0
15	Locked	QAM256	14	639000000 Hz	1.1 dBmV	40.4 dB	0	0
16	Locked	QAM256	15	645000000 Hz	1.2 dBmV	40.6 dB	0	0
17	Locked	QAM256	16	651000000 Hz	0.1 dBmV	40.4 dB	0	0
18	Locked	QAM256	17	657000000 Hz	2.1 dBmV	40.7 dB	0	0
19	Locked	QAM256	18	663000000 Hz	3 dBmV	40.9 dB	0	0
20	Locked	QAM256	19	669000000 Hz	2.1 dBmV	40.8 dB	0	0
21	Locked	QAM256	20	675000000 Hz	2.4 dBmV	40.5 dB	0	0

22	Locked	QAM256	21	681000000 Hz	2.7 dBmV	41 dB	0	0
23	Locked	QAM256	22	687000000 Hz	2.1 dBmV	40.9 dB	0	0
24	Locked	QAM256	23	693000000 Hz	2 dBmV	40.9 dB	0	0
25	Locked	QAM256	24	699000000 Hz	1.5 dBmV	40.8 dB	0	0
26	Locked	QAM256	25	705000000 Hz	1.3 dBmV	41 dB	0	0
27	Locked	QAM256	26	711000000 Hz	0.4 dBmV	40.6 dB	0	0
28	Locked	QAM256	28	723000000 Hz	-0.8 dBmV	40.4 dB	0	0
29	Locked	QAM256	29	729000000 Hz	-1.8 dBmV	39.8 dB	0	0
30	Locked	QAM256	30	735000000 Hz	-4.2 dBmV	38.6 dB	0	0
31	Locked	QAM256	31	741000000 Hz	-2.3 dBmV	38.1 dB	0	0
32	Locked	QAM256	32	747000000 Hz	-2.1 dBmV	39.7 dB	0	0

Upstream Bonded Channels

Channel	Lock Status	US Channel Type	Channel ID	Symbol Rate	Frequency	Power
1	Locked	ATDMA	9	5120 Ksym/sec	37800000 Hz	49.3 dBmV
2	Locked	ATDMA	10	5120 Ksym/sec	31000000 Hz	48.3 dBmV
3	Locked	ATDMA	11	5120 Ksym/sec	24200000 Hz	47.5 dBmV
4	Locked	ATDMA	12	5120 Ksym/sec	17400000 Hz	47.8 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	SN R / ME R	Active Subcarrier Number Range	Unerrored Codewords	Correctable Codewords	Uncorrectable Codewords
1	Not Locked	0	0	0 Hz	0 dBmV	0.0 dB	0 ~ 4095	0	0	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
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Extended Upstream Transmit Power

Enable Extended Upstream Transmit Power

Current System Time: Mon Jan 25 15:46:38 2021

System Up Time: 01:30:53