

Apply      Cancel

**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	315000000 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	1	531000000 Hz	0.8 dBmV	41.3 dB	0	0
2	Locked	QAM256	2	537000000 Hz	0.6 dBmV	41.4 dB	0	0
3	Locked	QAM256	3	543000000 Hz	0.5 dBmV	41.2 dB	0	0
4	Locked	QAM256	4	549000000 Hz	0.3 dBmV	41.2 dB	0	0
5	Locked	QAM256	5	555000000 Hz	0.4 dBmV	41.3 dB	0	0
6	Locked	QAM256	6	561000000 Hz	0.2 dBmV	41.1 dB	0	0
7	Locked	QAM256	7	567000000 Hz	-0.1 dBmV	41.1 dB	0	0
8	Locked	QAM256	8	573000000 Hz	-0.5 dBmV	40.9 dB	0	0
9	Locked	QAM256	9	579000000 Hz	-0.7 dBmV	40.5 dB	0	0
10	Locked	QAM256	10	585000000 Hz	-1.1 dBmV	40.4 dB	0	0
11	Locked	QAM256	11	591000000 Hz	-1 dBmV	40.4 dB	0	0
12	Locked	QAM256	12	597000000 Hz	-1.2 dBmV	40.4 dB	0	0
13	Locked	QAM256	13	603000000 Hz	-0.9 dBmV	40.5 dB	0	0
14	Locked	QAM256	14	609000000 Hz	-0.9 dBmV	40.6 dB	0	0
15	Locked	QAM256	15	615000000 Hz	-0.7 dBmV	40.3 dB	0	0
16	Locked	QAM256	16	621000000 Hz	-0.5 dBmV	40.8 dB	0	0
17	Locked	QAM256	17	627000000 Hz	-0.2 dBmV	40.9 dB	0	0
18	Locked	QAM256	18	633000000 Hz	-0.7 dBmV	40.6 dB	0	0
19	Locked	QAM256	19	639000000 Hz	-1.1 dBmV	40.3 dB	0	0
20	Locked	QAM256	20	645000000 Hz	-1.4 dBmV	40.2 dB	0	0
21	Locked	QAM256	21	651000000 Hz	-1.5 dBmV	40 dB	0	0
22	Locked	QAM256	22	657000000 Hz	-1.8 dBmV	39.9 dB	0	0
23	Locked	QAM256	23	663000000 Hz	-2.1 dBmV	39.6 dB	0	0
24	Locked	QAM256	24	669000000 Hz	-2.3 dBmV	39.5 dB	0	0
25	Locked	QAM256	25	675000000 Hz	-2.1 dBmV	38.9 dB	0	0
26	Locked	QAM256	26	681000000 Hz	-2.3 dBmV	39.4 dB	0	0
27	Locked	QAM256	27	687000000 Hz	-2 dBmV	39.5 dB	0	0
28	Locked	QAM256	28	693000000 Hz	-2 dBmV	39.5 dB	0	0

29	Locked	QAM256	29	699000000 Hz	-1.6 dBmV	39.6 dB	0	0
30	Locked	QAM256	30	705000000 Hz	-1.2 dBmV	39.7 dB	0	0
31	Locked	QAM256	31	711000000 Hz	-1.7 dBmV	39.4 dB	0	0
32	Locked	QAM256	32	717000000 Hz	-1.2 dBmV	39.4 dB	0	0

#### Upstream Bonded Channels (Partial Service)

Channel	Lock Status	US Channel Type	Channel ID	Symbol Rate	Frequency	Power
1	Locked	ATDMA	2	5120 Ksym/sec	24200000 Hz	42 dBmV
2	Locked	ATDMA	3	5120 Ksym/sec	30600000 Hz	42 dBmV
3	Locked	ATDMA	4	5120 Ksym/sec	37000000 Hz	42 dBmV
4	Not Locked	Unknown	0	0 Ksym/sec	0 Hz	0.0 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	33	315000000 Hz	2.2 dBmV	41.5 dB	1108 ~ 2987	176667695	164534175	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	Locked	3 , 4 , 12 , 13	9	2850000 Hz	36.0 dBmV
2	Not Locked	0	0	0 Hz	0 dBmV

#### Extended Upstream Transmit Power

Enable Extended Upstream Transmit Power

Clear Log

Refresh

Time	Priority	Description
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Mon Mar 15 17:37:29 2021	Critical (3)	Received Response to Broadcast Maintenance Request, But no Unicast Maintenance opportunities received - T4 time out;CM-MAC=28:80:88:b1:5f:88;CMTS-MAC=00:17:10:8e:06:9b;CM-QOS=1.1;CM-VER=3.1;
Mon Mar 15 16:12:12 2021	Notice (6)	CM-STATUS message sent. Event Type Code: 24; Chan ID: 33; DSID: N/A; MAC Addr: N/A; OFDM/OFDMA Profile ID: 2.;CM-MAC=28:80:88:b1:5f:88;CMTS-MAC=00:17:10:8e:06:9b;CM-QOS=1.1;CM-VER=3.1;
Mon Mar 15 16:12:00 2021	Critical (3)	Received Response to Broadcast Maintenance Request, But no Unicast Maintenance opportunities received - T4 time out;CM-MAC=28:80:88:b1:5f:88;CMTS-MAC=00:17:10:8e:06:9b;CM-QOS=1.1;CM-VER=3.1;
Mon Mar 15 15:59:50 2021	Notice (6)	CM-STATUS message sent. Event Type Code: 6; Chan ID: 9; DSID: N/A; MAC Addr: N/A; OFDM/OFDMA Profile ID: N/A.;CM-MAC=28:80:88:b1:5f:88;CMTS-MAC=00:17:10:8e:06:9b;CM-QOS=1.1;CM-VER=3.1;
Mon Mar 15 15:59:32 2021	Critical (3)	Received Response to Broadcast Maintenance Request, But no Unicast Maintenance opportunities received - T4 time out;CM-MAC=28:80:88:b1:5f:88;CMTS-MAC=00:17:10:8e:06:9b;CM-QOS=1.1;CM-VER=3.1;
Mon Mar 15 15:57:02 2021	Critical (3)	Started Unicast Maintenance Ranging - No Response received - T3 time-out;CM-MAC=28:80:88:b1:5f:88;CMTS-MAC=00:17:10:8e:06:9b;CM-QOS=1.1;CM-VER=3.1;
Mon Mar 15 15:56:58 2021	Critical (3)	16 consecutive T3 timeouts while trying to range on upstream channel 8;CM-MAC=28:80:88:b1:5f:88;CMTS-MAC=00:17:10:8e:06:9b;CM-QOS=1.1;CM-VER=3.1;
Mon Mar 15 15:56:58 2021	Critical (3)	Unicast Maintenance Ranging attempted - No response - Retries exhausted;CM-MAC=28:80:88:b1:5f:88;CMTS-MAC=00:17:10:8e:06:9b;CM-QOS=1.1;CM-VER=3.1;
Mon Mar 15 15:56:58 2021	Critical (3)	Started Unicast Maintenance Ranging - No Response received - T3 time-out;CM-MAC=28:80:88:b1:5f:88;CMTS-MAC=00:17:10:8e:06:9b;CM-QOS=1.1;CM-VER=3.1;
Mon Mar 15 15:56:45 2021	Notice (6)	CM-STATUS message sent. Event Type Code: 7; Chan ID: 9; DSID: N/A; MAC Addr: N/A; OFDM/OFDMA Profile ID: N/A.;CM-MAC=28:80:88:b1:5f:88;CMTS-MAC=00:17:10:8e:06:9b;CM-QOS=1.1;CM-VER=3.1;
Mon Mar 15 15:56:45 2021	Critical (3)	Started Unicast Maintenance Ranging - No Response received - T3 time-out;CM-MAC=28:80:88:b1:5f:88;CMTS-MAC=00:17:10:8e:06:9b;CM-QOS=1.1;CM-VER=3.1;
Mon Mar 15 15:56:40 2021	Critical (3)	16 consecutive T3 timeouts while trying to range on upstream channel 8;CM-MAC=28:80:88:b1:5f:88;CMTS-MAC=00:17:10:8e:06:9b;CM-QOS=1.1;CM-VER=3.1;
Mon Mar 15 15:56:40 2021	Critical (3)	Unicast Maintenance Ranging attempted - No response - Retries exhausted;CM-MAC=28:80:88:b1:5f:88;CMTS-MAC=00:17:10:8e:06:9b;CM-QOS=1.1;CM-VER=3.1;
Mon Mar 15 15:56:40 2021	Critical (3)	Started Unicast Maintenance Ranging - No Response received - T3 time-out;CM-MAC=28:80:88:b1:5f:88;CMTS-MAC=00:17:10:8e:06:9b;CM-QOS=1.1;CM-VER=3.1;
Mon Mar 15 15:56:19 2021	Critical (3)	Unicast Maintenance Ranging attempted - No response - Retries exhausted;CM-MAC=28:80:88:b1:5f:88;CMTS-MAC=00:17:10:8e:06:9b;CM-QOS=1.1;CM-VER=3.1;
Mon Mar 15 15:56:19 2021	Critical (3)	Started Unicast Maintenance Ranging - No Response received - T3 time-out;CM-MAC=28:80:88:b1:5f:88;CMTS-MAC=00:17:10:8e:06:9b;CM-QOS=1.1;CM-VER=3.1;
Mon Mar 15 15:56:12 2021	Warning (5)	Dynamic Range Window violation
Mon Mar 15 15:56:12 2021	Warning (5)	RNG-RSP CCAP Commanded Power in Excess of 6 dB Below the Value Corresponding to the Top of the DRW;CM-MAC=28:80:88:b1:5f:88;CMTS-MAC=00:17:10:8e:06:9b;CM-QOS=1.1;CM-VER=3.1;
Mon Mar 15 15:56:12 2021	Warning (5)	Dynamic Range Window violation

Mon Mar 15 15:56:12 2021	Warning (5)	RNG-RSP CCAP Commanded Power in Excess of 6 dB Below the Value Corresponding to the Top of the DRW;CM-MAC=28:80:88:b1:5f:88;CMTS-MAC=00:17:10:8e:06:9b;CM-QOS=1.1;CM-VER=3.1;
Mon Mar 15 15:56:12 2021	Critical (3)	Started Unicast Maintenance Ranging - No Response received - T3 time-out;CM-MAC=28:80:88:b1:5f:88;CMTS-MAC=00:17:10:8e:06:9b;CM-QOS=1.1;CM-VER=3.1;
Mon Mar 15 15:56:09 2021	Warning (5)	Dynamic Range Window violation
Mon Mar 15 15:56:09 2021	Warning (5)	RNG-RSP CCAP Commanded Power in Excess of 6 dB Below the Value Corresponding to the Top of the DRW;CM-MAC=28:80:88:b1:5f:88;CMTS-MAC=00:17:10:8e:06:9b;CM-QOS=1.1;CM-VER=3.1;
Mon Mar 15 15:56:09 2021	Critical (3)	Started Unicast Maintenance Ranging - No Response received - T3 time-out;CM-MAC=28:80:88:b1:5f:88;CMTS-MAC=00:17:10:8e:06:9b;CM-QOS=1.1;CM-VER=3.1;
Mon Mar 15 15:56:02 2021	Warning (5)	Dynamic Range Window violation
Mon Mar 15 15:56:02 2021	Warning (5)	RNG-RSP CCAP Commanded Power in Excess of 6 dB Below the Value Corresponding to the Top of the DRW;CM-MAC=28:80:88:b1:5f:88;CMTS-MAC=00:17:10:8e:06:9b;CM-QOS=1.1;CM-VER=3.1;
Mon Mar 15 15:56:02 2021	Warning (5)	Dynamic Range Window violation
Mon Mar 15 15:56:02 2021	Warning (5)	RNG-RSP CCAP Commanded Power in Excess of 6 dB Below the Value Corresponding to the Top of the DRW;CM-MAC=28:80:88:b1:5f:88;CMTS-MAC=00:17:10:8e:06:9b;CM-QOS=1.1;CM-VER=3.1;
Mon Mar 15 15:56:02 2021	Critical (3)	Started Unicast Maintenance Ranging - No Response received - T3 time-out;CM-MAC=28:80:88:b1:5f:88;CMTS-MAC=00:17:10:8e:06:9b;CM-QOS=1.1;CM-VER=3.1;
Mon Mar 15 15:56:02 2021	Warning (5)	Dynamic Range Window violation
Mon Mar 15 15:56:02 2021	Warning (5)	RNG-RSP CCAP Commanded Power in Excess of 6 dB Below the Value Corresponding to the Top of the DRW;CM-MAC=28:80:88:b1:5f:88;CMTS-MAC=00:17:10:8e:06:9b;CM-QOS=1.1;CM-VER=3.1;
Mon Mar 15 15:56:02 2021	Warning (5)	Dynamic Range Window violation
Mon Mar 15 15:56:02 2021	Warning (5)	RNG-RSP CCAP Commanded Power in Excess of 6 dB Below the Value Corresponding to the Top of the DRW;CM-MAC=28:80:88:b1:5f:88;CMTS-MAC=00:17:10:8e:06:9b;CM-QOS=1.1;CM-VER=3.1;
Mon Mar 15 15:56:02 2021	Warning (5)	Dynamic Range Window violation
Mon Mar 15 15:56:02 2021	Warning (5)	RNG-RSP CCAP Commanded Power in Excess of 6 dB Below the Value Corresponding to the Top of the DRW;CM-MAC=28:80:88:b1:5f:88;CMTS-MAC=00:17:10:8e:06:9b;CM-QOS=1.1;CM-VER=3.1;
Mon Mar 15 15:56:02 2021	Warning (5)	Dynamic Range Window violation
Mon Mar 15 15:56:02 2021	Warning (5)	RNG-RSP CCAP Commanded Power in Excess of 6 dB Below the Value Corresponding to the Top of the DRW;CM-MAC=28:80:88:b1:5f:88;CMTS-MAC=00:17:10:8e:06:9b;CM-QOS=1.1;CM-VER=3.1;
Mon Mar 15 15:56:01 2021	Critical (3)	Started Unicast Maintenance Ranging - No Response received - T3 time-out;CM-MAC=28:80:88:b1:5f:88;CMTS-MAC=00:17:10:8e:06:9b;CM-QOS=1.1;CM-VER=3.1;

Mon Mar 15 15:56:01 2021	Warning (5)	REG-RSP-MP Mismatch Between Calculated Value for P1.6hi Compared to CCAP Provided Value;CM-MAC=28:80:88:b1:5f:88;CMTS-MAC=00:17:10:8e:06:9b;CM-QOS=1.1;CM-VER=3.1;
Mon Mar 15 15:55:57 2021	Notice (6)	DS profile assignment change. DS Chan ID: 32; Previous Profile: ; New Profile: 12.;CM-MAC=28:80:88:b1:5f:88;CMTS-MAC=00:17:10:8e:06:9b;CM-QOS=1.1;CM-VER=3.1;