

Frequency start Value

This field below allows you to modify the frequency the cable modem start with its scan during initialization and re frequency and restart the cable modem for it to take effect.

Starting Frequency

Startup Procedure

Procedure	Status	Comment
Acquire Downstream Channel	417000000 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	29	417000000 Hz	6.4 dBmV	39.8 dB	0	0
2	Locked	QAM256	1	249000000 Hz	7.1 dBmV	39.4 dB	0	0
3	Locked	QAM256	2	255000000 Hz	7.1 dBmV	39.2 dB	0	0
4	Locked	QAM256	3	261000000 Hz	6.9 dBmV	39.1 dB	0	0
5	Locked	QAM256	4	267000000 Hz	6.7 dBmV	39.2 dB	0	0
6	Locked	QAM256	5	273000000 Hz	6.9 dBmV	39.4 dB	0	0
7	Locked	QAM256	6	279000000 Hz	7 dBmV	39.4 dB	0	0
8	Locked	QAM256	7	285000000 Hz	7.1 dBmV	39.5 dB	0	0
9	Locked	QAM256	8	291000000 Hz	7.2 dBmV	39.6 dB	0	0
10	Locked	QAM256	9	297000000 Hz	7.1 dBmV	39.6 dB	0	0
11	Locked	QAM256	10	303000000 Hz	7 dBmV	39.6 dB	0	0
12	Locked	QAM256	11	309000000 Hz	7.1 dBmV	39.6 dB	0	0
13	Locked	QAM256	12	315000000 Hz	6.9 dBmV	39.6 dB	0	0
14	Locked	QAM256	13	321000000 Hz	7.1 dBmV	39.7 dB	0	0
15	Locked	QAM256	14	327000000 Hz	7.1 dBmV	39.7 dB	0	0
16	Locked	QAM256	15	333000000 Hz	7.1 dBmV	39.8 dB	0	0
17	Locked	QAM256	16	339000000 Hz	7.2 dBmV	39.8 dB	0	0

17	Locked	QAM256	17	353000000 Hz	7.2 dBmV	39.9 dB	0	0
18	Locked	QAM256	17	345000000 Hz	7.3 dBmV	40 dB	0	0
19	Locked	QAM256	18	351000000 Hz	7.2 dBmV	40 dB	0	0
20	Locked	QAM256	19	357000000 Hz	7.3 dBmV	40 dB	0	0
21	Locked	QAM256	20	363000000 Hz	7.3 dBmV	40 dB	0	0
22	Locked	QAM256	21	369000000 Hz	7.3 dBmV	40 dB	0	0
23	Locked	QAM256	22	375000000 Hz	7.2 dBmV	39.9 dB	0	0
24	Locked	QAM256	23	381000000 Hz	7.2 dBmV	39.9 dB	0	0
25	Locked	QAM256	25	393000000 Hz	6.9 dBmV	39.9 dB	0	0
26	Locked	QAM256	26	399000000 Hz	6.8 dBmV	39.9 dB	0	0
27	Locked	QAM256	27	405000000 Hz	6.7 dBmV	39.9 dB	0	0
28	Locked	QAM256	28	411000000 Hz	6.5 dBmV	39.8 dB	0	0
29	Locked	QAM256	30	423000000 Hz	6.2 dBmV	39.8 dB	0	0
30	Locked	QAM256	31	429000000 Hz	6 dBmV	39.7 dB	0	0
31	Locked	QAM256	32	435000000 Hz	5.9 dBmV	39.7 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	1	5120 Ksym/sec	17000000 Hz	36.5 dBmV
2	Locked	ATDMA	2	5120 Ksym/sec	23400000 Hz	36.8 dBmV
3	Locked	ATDMA	3	5120 Ksym/sec	30100000 Hz	37.3 dBmV
4	Locked	ATDMA	7	5120 Ksym/sec	36500000 Hz	37.5 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 Codeword
1	Locked	0 , 1 , 2	33	645000000 Hz	0.6 dBmV	38.1 dB	148 ~ 3947	1366080
2	Not Locked	0	0	0 Hz	0 dBmV	0.0 dB	0 ~ 4095	0

Upstream OFDMA Channels

Channel	Lock Status	US Channel Type	Channel ID	Symbol Rate	Frequency	Power
1	Locked	ATDMA	1	5120 Ksym/sec	17000000 Hz	36.5 dBmV

26	Locked	QAM256	26	399000000 Hz	6.8 dBmV	39.9 dB	0	0
27	Locked	QAM256	27	405000000 Hz	6.7 dBmV	39.9 dB	0	0
28	Locked	QAM256	28	411000000 Hz	6.5 dBmV	39.8 dB	0	0
29	Locked	QAM256	30	423000000 Hz	6.2 dBmV	39.8 dB	0	0
30	Locked	QAM256	31	429000000 Hz	6 dBmV	39.7 dB	0	0
31	Locked	QAM256	32	435000000 Hz	5.9 dBmV	39.7 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	1	5120 Ksym/sec	17000000 Hz	36.5 dBmV
2	Locked	ATDMA	2	5120 Ksym/sec	23400000 Hz	36.8 dBmV
3	Locked	ATDMA	3	5120 Ksym/sec	30100000 Hz	37.3 dBmV
4	Locked	ATDMA	7	5120 Ksym/sec	36500000 Hz	37.5 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	Unerrone Codeword
1	Locked	0 , 1 , 2	33	645000000 Hz	0.6 dBmV	38.1 dB	148 ~ 3947	1366080
2	Not Locked	0	0	0 Hz	0 dBmV	0.0 dB	0 ~ 4095	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: Thu Jul 08 10:22:07 2021

System Up Time: 00:24:48



Time	Priority	Description
Thu Jul 08 09:57:59 2021	Notice (6)	DS profile assignment change. DS Chan ID: 32; Previous Profile: ; New Profile: 1 2.;CM-MAC=08:36:c9:40:4b:20;CMTS-MAC=00:01:5c:a4:98:49;CM-QOS=1.1;CM-VER=3.1;
Thu Jul 08 09:57:53 2021	Warning (5)	DHCP WARNING - Non-critical field invalid in response ;CM-MAC=08:36:c9:40:4b:20;CMTS-MAC=00:01:5c:a4:98:49;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=08:36:c9:40:4b:20;CMTS-MAC=00:00:00:00:00:00;CM-QOS=1.1;CM-VER=3.1;
Thu Jul 08 09:55:58 2021	Notice (6)	CM-STATUS message sent. Event Type Code: 7; Chan ID: 2 7; DSID: N/A; MAC Addr: N/A; OFDM/OFDMA Profile ID: N/A.;CM-MAC=08:36:c9:40:4b:20;CMTS-MAC=00:01:5c:a4:98:49;CM-QOS=1.1;CM-VER=3.1;
Thu Jul 08 09:55:57 2021	Critical (3)	No Ranging Response received - T3 time-out;CM-MAC=08:36:c9:40:4b:20;CMTS-MAC=00:01:5c:a4:98:49;CM-QOS=1.1;CM-VER=3.1;
Thu Jul 08 09:55:48 2021	Critical (3)	16 consecutive T3 timeouts while trying to range on upstream channel 2;CM-MAC=08:36:c9:40:4b:20;CMTS-MAC=00:01:5c:a4:98:49;CM-QOS=1.1;CM-VER=3.1;
Thu Jul 08 09:55:48 2021	Critical (3)	Unicast Maintenance Ranging attempted - No response - Retries exhausted;CM-MAC=08:36:c9:40:4b:20;CMTS-MAC=00:01:5c:a4:98:49;CM-QOS=1.1;CM-VER=3.1;
Thu Jul 08 09:55:48 2021	Critical (3)	Started Unicast Maintenance Ranging - No Response received - T3 time-out;CM-MAC=08:36:c9:40:4b:20;CMTS-MAC=00:01:5c:a4:98:49;CM-QOS=1.1;CM-VER=3.1;
Thu Jul 08 09:55:39 2021	Critical (3)	No Ranging Response received - T3 time-out;CM-MAC=08:36:c9:40:4b:20;CMTS-MAC=00:01:5c:a4:98:49;CM-QOS=1.1;CM-VER=3.1;
Thu Jul 08 09:55:39 2021	Critical (3)	Started Unicast Maintenance Ranging - No Response received - T3 time-out;CM-MAC=08:36:c9:40:4b:20;CMTS-MAC=00:01:5c:a4:98:49;CM-QOS=1.1;CM-VER=3.1;
Thu Jul 08 09:55:38 2021	Critical (3)	No Ranging Response received - T3 time-out;CM-MAC=08:36:c9:40:4b:20;CMTS-MAC=00:01:5c:a4:98:49;CM-QOS=1.1;CM-VER=3.1;
Thu Jul 08 09:55:35 2021	Critical (3)	16 consecutive T3 timeouts while trying to range on upstream channel 0;CM-MAC=08:36:c9:40:4b:20;CMTS-MAC=00:01:5c:a4:98:49;CM-QOS=1.1;CM-VER=3.1;
Thu Jul 08 09:55:35 2021	Critical (3)	Unicast Maintenance Ranging attempted - No response - Retries exhausted;CM-MAC=08:36:c9:40:4b:20;CMTS-MAC=00:00:00:00:00:00;CM-QOS=1.1;CM-VER=3.1;

Thu Jul 08 09:55:35 2021	Critical (3)	10 consecutive T3 timeouts while trying to range on upstream channel 0;CM-MAC=08:36:c9:40:4b:20;CMTS-MAC=00:01:5c:a4:98:49;CM-QOS=1.1;CM-VER=3.1;
Thu Jul 08 09:55:35 2021	Critical (3)	Unicast Maintenance Ranging attempted - No response - Retries exhausted;CM-MAC=08:36:c9:40:4b:20;CMTS-MAC=00:01:5c:a4:98:49;CM-QOS=1.1;CM-VER=3.1;
Thu Jul 08 09:55:35 2021	Critical (3)	Started Unicast Maintenance Ranging - No Response received - T3 time-out;CM-MAC=08:36:c9:40:4b:20;CMTS-MAC=00:01:5c:a4:98:49;CM-QOS=1.1;CM-VER=3.1;
Thu Jul 08 09:54:51 2021	Warning (5)	Dynamic Range Window violation
Thu Jul 08 09:54:51 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=08:36:c9:40:4b:20;CMTS-MAC=00:01:5c:a4:98:49;CM-QOS=1.1;CM-VER=3.1;
Thu Jul 08 09:54:45 2021	Critical (3)	Started Unicast Maintenance Ranging - No Response received - T3 time-out;CM-MAC=08:36:c9:40:4b:20;CMTS-MAC=00:01:5c:a4:98:49;CM-QOS=1.1;CM-VER=3.1;
Thu Jul 08 09:54:17 2021	Warning (5)	Dynamic Range Window violation
Thu Jul 08 09:54:17 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=08:36:c9:40:4b:20;CMTS-MAC=00:01:5c:a4:98:49;CM-QOS=1.1;CM-VER=3.1;
Thu Jul 08 09:54:17 2021	Warning (5)	Dynamic Range Window violation
Thu Jul 08 09:54:17 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=08:36:c9:40:4b:20;CMTS-MAC=00:01:5c:a4:98:49;CM-QOS=1.1;CM-VER=3.1;
Thu Jul 08 09:54:16 2021	Critical (3)	Started Unicast Maintenance Ranging - No Response received - T3 time-out;CM-MAC=08:36:c9:40:4b:20;CMTS-MAC=00:01:5c:a4:98:49;CM-QOS=1.1;CM-VER=3.1;
Thu Jul 08 09:53:40 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=08:36:c9:40:4b:20;CMTS-MAC=00:01:5c:a4:98:49;CM-QOS=1.1;CM-VER=3.1;
Thu Jul 08 09:52:32 2021	Warning (5)	Dynamic Range Window violation
Thu Jul 08 09:52:32 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=08:36:c9:40:4b:20;CMTS-MAC=00:01:5c:a4:98:49;CM-QOS=1.1;CM-VER=3.1;
Thu Jul 08 09:52:23 2021	Warning (5)	Dynamic Range Window violation
Thu Jul 08 09:52:23 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=08:36:c9:40:4b:20;CMTS-MAC=00:01:5c:a4:98:49;CM-QOS=1.1;CM-VER=3.1;

		MAC=08:36:c9:40:4b:20;CMTS-MAC=00:01:5c:a4:98:49;CM-QOS=1.1;CM-VER=3.1;
Thu Jul 08 09:52:32 2021	Warning (5)	Dynamic Range Window violation
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Thu Jul 08 09:52:23 2021	Warning (5)	Dynamic Range Window violation
Thu Jul 08 09:52:23 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=08:36:c9:40:4b:20;CMTS-MAC=00:01:5c:a4:98:49;CM-QOS=1.1;CM-VER=3.1;
Thu Jul 08 09:52:23 2021	Warning (5)	Dynamic Range Window violation
Thu Jul 08 09:52:23 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=08:36:c9:40:4b:20;CMTS-MAC=00:01:5c:a4:98:49;CM-QOS=1.1;CM-VER=3.1;
Thu Jul 08 09:52:13 2021	Warning (5)	Dynamic Range Window violation
Thu Jul 08 09:52:13 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=08:36:c9:40:4b:20;CMTS-MAC=00:01:5c:a4:98:49;CM-QOS=1.1;CM-VER=3.1;
Thu Jul 08 09:52:13 2021	Warning (5)	Dynamic Range Window violation
Thu Jul 08 09:52:13 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=08:36:c9:40:4b:20;CMTS-MAC=00:01:5c:a4:98:49;CM-QOS=1.1;CM-VER=3.1;
Thu Jul 08 09:52:13 2021	Warning (5)	Dynamic Range Window violation
Thu Jul 08 09:52:13 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=08:36:c9:40:4b:20;CMTS-MAC=00:01:5c:a4:98:49;CM-QOS=1.1;CM-VER=3.1;
Thu Jul 08 09:52:12 2021	Warning (5)	Dynamic Range Window violation
Thu Jul 08 09:52:12 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=08:36:c9:40:4b:20;CMTS-MAC=00:01:5c:a4:98:49;CM-QOS=1.1;CM-VER=3.1;
Thu Jul 08 09:52:12 2021	Warning (5)	Dynamic Range Window violation
Thu Jul 08 09:52:12 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=08:36:c9:40:4b:20;CMTS-MAC=00:01:5c:a4:98:49;CM-QOS=1.1;CM-VER=3.1;