

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 855000000

Startup Procedure

Procedure	Status	Comment
Acquire Downstream Channel	807000000 Hz	Locked
Connectivity State	OK	Operational
Boot State	OK	Operational
Security	Enable	BPI+
IP Provisioning Mode	Honor MDD	IPv4 only

Downstream Bonded Channels

Channel	Lock Status	Modulation	Channel ID	Frequency	Power	SNR / MER	Unerrored Codewords	Correctable Codewords	Uncorrectable Codewords
1	Locked	QAM256	5	807000000 Hz	9.8 dBmV	43.5 dB	32952807	0	0
2	Locked	QAM256	1	783000000 Hz	9.6 dBmV	43.6 dB	36272363	0	0
3	Locked	QAM256	2	789000000 Hz	10.2 dBmV	43.6 dB	36277137	0	0
4	Locked	QAM256	3	795000000 Hz	10.5 dBmV	44.0 dB	36281034	0	0
5	Locked	QAM256	4	801000000 Hz	10.6 dBmV	43.8 dB	36284922	0	0
6	Locked	QAM256	13	855000000 Hz	8.7 dBmV	43.0 dB	32059362	0	0
7	Locked	QAM256	6	813000000 Hz	10.2 dBmV	43.5 dB	36291186	0	0
8	Locked	QAM256	7	819000000 Hz	9.7 dBmV	43.4 dB	36294854	0	0
9	Locked	QAM256	8	825000000 Hz	9.7 dBmV	43.4 dB	36299318	0	0
10	Locked	QAM256	9	831000000 Hz	9.3 dBmV	43.2 dB	36302400	0	0
11	Locked	QAM256	10	837000000 Hz	9.3 dBmV	43.3 dB	36306611	0	0
12	Locked	QAM256	11	843000000 Hz	9.5 dBmV	43.4 dB	36310208	0	0
13	Locked	QAM256	12	849000000 Hz	8.4 dBmV	42.7 dB	36313761	0	0
14	Locked	QAM256	14	861000000 Hz	7.9 dBmV	42.7 dB	36317764	0	0

15	Locked	QAM256	15	867000000 Hz	8.4 dBmV	42.9 dB	36321238	0	0
16	Locked	QAM256	16	873000000 Hz	8.4 dBmV	42.7 dB	36324654	0	0
17	Locked	QAM256	33	357000000 Hz	9.3 dBmV	43.8 dB	32144860	0	0
18	Locked	QAM256	34	363000000 Hz	9.3 dBmV	43.9 dB	32152633	0	0
19	Locked	QAM256	35	369000000 Hz	8.6 dBmV	43.8 dB	32159755	0	0
20	Locked	QAM256	36	375000000 Hz	8.8 dBmV	43.8 dB	32166783	0	0
21	Locked	QAM256	37	381000000 Hz	8.5 dBmV	43.6 dB	32174721	0	0
22	Locked	QAM256	38	387000000 Hz	9.2 dBmV	43.8 dB	32181788	0	0
23	Locked	QAM256	39	393000000 Hz	9.8 dBmV	44.3 dB	32189517	0	0
24	Locked	QAM256	40	399000000 Hz	9.0 dBmV	43.9 dB	32196274	0	0
25	Locked	QAM256	41	405000000 Hz	8.9 dBmV	43.8 dB	32204432	0	0
26	Locked	QAM256	42	411000000 Hz	8.7 dBmV	43.5 dB	32212029	0	0
27	Locked	QAM256	43	417000000 Hz	9.2 dBmV	44.0 dB	32219280	0	0
28	Locked	QAM256	44	423000000 Hz	9.4 dBmV	44.1 dB	32226686	0	0
29	Locked	QAM256	45	429000000 Hz	9.4 dBmV	44.2 dB	32233520	0	0
30	Locked	QAM256	46	435000000 Hz	10.2 dBmV	44.3 dB	32241113	0	0
31	Locked	QAM256	47	441000000 Hz	10.6 dBmV	44.7 dB	32242863	0	0
32	Locked	QAM256	48	447000000 Hz	11.0 dBmV	44.8 dB	32245076	0	0

Upstream Bonded Channels

Channel	Lock Status	Modulation	Channel ID	Frequency	Power
1	Locked	ATDMA	1	17400000 Hz	31.8 dBmV
2	Locked	ATDMA	2	23900000 Hz	32.3 dBmV
3	Locked	ATDMA	3	30300000 Hz	32.8 dBmV
4	Locked	ATDMA	4	36700000 Hz	32.8 dBmV
5	Locked	ATDMA	5	60000000 Hz	33.3 dBmV
6	Locked	ATDMA	6	67000000 Hz	34.3 dBmV
7	Locked	ATDMA	7	74000000 Hz	33.8 dBmV
8	Locked	ATDMA	8	81000000 Hz	33.8 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	159	300000000 Hz	10.2 dBmV	41.8 dB	2216 ~ 5975	425595	31434	0
2	Not Locked	0	0	0 Hz	-35.7 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	Unknown	0	0 Hz	0 dBmV
2	Not Locked	Unknown	0	0 Hz	0 dBmV

Logs:

Time	Priority	Description
2024-03-06, 16:10:12	Critical (3)	SYNC Timing Synchronization failure - Loss of Sync;CM-MAC=b0:39:56:4a:c6:90;CMTS-MAC=6c:13:d5:75:8d:d5;CM-QOS=1.1;CM-VER=3.1;
2024-03-06, 16:10:12	Notice (6)	DS profile assignment change. DS Chan ID: 32; Previous Profile: 1 2 3; New Profile: 1 2.;CM-MAC=b0:39:56:4a:c6:90;CMTS-MAC=6c:13:d5:75:8d:d5;CM-QOS=1.1;CM-VER=3.1;
2024-03-06, 16:08:51	Notice (6)	CM-STATUS message sent. Event Type Code: 16; Chan ID: 159; DSID: N/A; MAC Addr: N/A; OFDM/OFDMA Profile ID: 3.;CM-MAC=b0:39:56:4a:c6:90;CMTS-MAC=6c:13:d5:75:8d:d5;CM-QOS=1.1;CM-VER=3.1;
2024-03-06, 16:08:25	Notice (6)	DS profile assignment change. DS Chan ID: 32; Previous Profile: ; New Profile: 1 2 3.;CM-MAC=b0:39:56:4a:c6:90;CMTS-MAC=6c:13:d5:75:8d:d5;CM-QOS=1.1;CM-VER=3.1;
2024-03-06, 16:08:20	Notice (6)	TLV-11 - unrecognized OID;CM-MAC=b0:39:56:4a:c6:90;CMTS-MAC=6c:13:d5:75:8d:d5;CM-QOS=1.1;CM-VER=3.1;
2024-03-06, 16:08:20	Warning (5)	DHCP WARNING - non-critical field invalid in response ;CM-MAC=b0:39:56:4a:c6:90;CMTS-MAC=6c:13:d5:75:8d:d5;CM-QOS=1.1;CM-VER=3.1;
Time Not Established	Notice (6)	Honoring MDD; IP provisioning mode = IPv4
Time Not Established	Critical (3)	UCD invalid or channel unusable;CM-MAC=b0:39:56:4a:c6:90;CMTS-MAC=6c:13:d5:75:8d:d5;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=b0:39:56:4a:c6:90;CMTS-MAC=00:00:00:00:00:00;CM-QOS=1.1;CM-VER=3.1;
Time Not Established	Critical (3)	No Ranging Response received - T3 time-out;CM-MAC=b0:39:56:4a:c6:90;CMTS-MAC=6c:13:d5:75:8d:d5;CM-QOS=1.1;CM-VER=3.1;

Time Not Established	Critical (3)	UCD invalid or channel unusable;CM-MAC=b0:39:56:4a:c6:90;CMTS-MAC=6c:13:d5:75:8d:d5;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=b0:39:56:4a:c6:90;CMTS-MAC=00:00:00:00:00:00;CM-QOS=1.1;CM-VER=3.1;
2024-03-06, 15:58:37	Critical (3)	Resetting the cable modem due to docsDevResetNow
2024-03-06, 15:57:24	Critical (3)	SYNC Timing Synchronization failure - Loss of Sync;CM-MAC=b0:39:56:4a:c6:90;CMTS-MAC=6c:13:d5:75:8d:d5;CM-QOS=1.1;CM-VER=3.1;
2024-03-06, 15:57:09	Critical (3)	Started Unicast Maintenance Ranging - No Response received - T3 time-out;CM-MAC=b0:39:56:4a:c6:90;CMTS-MAC=6c:13:d5:75:8d:d5;CM-QOS=1.1;CM-VER=3.1;
Time Not Established	Critical (3)	UCD invalid or channel unusable;CM-MAC=b0:39:56:4a:c6:90;CMTS-MAC=6c:13:d5:75:8d:d5;CM-QOS=1.1;CM-VER=3.1;
2024-03-06, 15:51:55	Critical (3)	SYNC Timing Synchronization failure - Failed to acquire QAM/QPSK symbol timing;CM-MAC=b0:39:56:4a:c6:90;CMTS-MAC=00:00:00:00:00:00;CM-QOS=1.1;CM-VER=3.1;
2024-03-06, 15:51:50	Critical (3)	Received Response to Broadcast Maintenance Request, But no Unicast Maintenance opportunities received - T4 time out;CM-MAC=b0:39:56:4a:c6:90;CMTS-MAC=6c:13:d5:75:8d:d5;CM-QOS=1.1;CM-VER=3.1;
2024-03-06, 15:51:31	Critical (3)	SYNC Timing Synchronization failure - Failed to acquire QAM/QPSK symbol timing;CM-MAC=b0:39:56:4a:c6:90;CMTS-MAC=6c:13:d5:75:8d:d5;CM-QOS=1.1;CM-VER=3.1;
2024-03-06, 15:51:30	Critical (3)	Received Response to Broadcast Maintenance Request, But no Unicast Maintenance opportunities received - T4 time out;CM-MAC=b0:39:56:4a:c6:90;CMTS-MAC=6c:13:d5:75:8d:d5;CM-QOS=1.1;CM-VER=3.1;
2024-03-06, 15:51:11	Critical (3)	SYNC Timing Synchronization failure - Failed to acquire QAM/QPSK symbol timing;CM-MAC=b0:39:56:4a:c6:90;CMTS-MAC=6c:13:d5:75:8d:d5;CM-QOS=1.1;CM-VER=3.1;
2024-03-06, 15:51:10	Critical (3)	Received Response to Broadcast Maintenance Request, But no Unicast Maintenance opportunities received - T4 time out;CM-MAC=b0:39:56:4a:c6:90;CMTS-MAC=6c:13:d5:75:8d:d5;CM-QOS=1.1;CM-VER=3.1;
2024-03-06, 15:50:51	Critical (3)	SYNC Timing Synchronization failure - Failed to acquire QAM/QPSK symbol timing;CM-MAC=b0:39:56:4a:c6:90;CMTS-MAC=6c:13:d5:75:8d:d5;CM-QOS=1.1;CM-VER=3.1;
2024-03-06, 15:50:50	Critical (3)	Received Response to Broadcast Maintenance Request, But no Unicast Maintenance opportunities received - T4 time out;CM-MAC=b0:39:56:4a:c6:90;CMTS-MAC=6c:13:d5:75:8d:d5;CM-QOS=1.1;CM-VER=3.1;
2024-03-06, 15:50:31	Critical (3)	SYNC Timing Synchronization failure - Failed to acquire QAM/QPSK symbol timing;CM-MAC=b0:39:56:4a:c6:90;CMTS-MAC=6c:13:d5:75:8d:d5;CM-QOS=1.1;CM-VER=3.1;
2024-03-06, 15:50:30	Critical (3)	Received Response to Broadcast Maintenance Request, But no Unicast Maintenance opportunities received - T4 time out;CM-MAC=b0:39:56:4a:c6:90;CMTS-MAC=6c:13:d5:75:8d:d5;CM-QOS=1.1;CM-VER=3.1;
2024-03-06, 15:50:11	Critical (3)	SYNC Timing Synchronization failure - Failed to acquire QAM/QPSK symbol timing;CM-MAC=b0:39:56:4a:c6:90;CMTS-MAC=6c:13:d5:75:8d:d5;CM-QOS=1.1;CM-VER=3.1;
2024-03-06, 15:50:10	Critical (3)	Received Response to Broadcast Maintenance Request, But no Unicast Maintenance opportunities received - T4 time out;CM-MAC=b0:39:56:4a:c6:90;CMTS-MAC=6c:13:d5:75:8d:d5;CM-QOS=1.1;CM-VER=3.1;

2024-03-06, 15:49:52	Critical (3)	SYNC Timing Synchronization failure - Failed to acquire QAM/QPSK symbol timing;CM-MAC=b0:39:56:4a:c6:90;CMTS-MAC=6c:13:d5:75:8d:d5;CM-QOS=1.1;CM-VER=3.1;
2024-03-06, 15:49:51	Critical (3)	Received Response to Broadcast Maintenance Request, But no Unicast Maintenance opportunities received - T4 time out;CM-MAC=b0:39:56:4a:c6:90;CMTS-MAC=6c:13:d5:75:8d:d5;CM-QOS=1.1;CM-VER=3.1;
2024-03-06, 15:49:31	Critical (3)	SYNC Timing Synchronization failure - Failed to acquire QAM/QPSK symbol timing;CM-MAC=b0:39:56:4a:c6:90;CMTS-MAC=6c:13:d5:75:8d:d5;CM-QOS=1.1;CM-VER=3.1;
2024-03-06, 15:49:31	Critical (3)	Received Response to Broadcast Maintenance Request, But no Unicast Maintenance opportunities received - T4 time out;CM-MAC=b0:39:56:4a:c6:90;CMTS-MAC=6c:13:d5:75:8d:d5;CM-QOS=1.1;CM-VER=3.1;
2024-03-06, 15:48:09	Critical (3)	SYNC Timing Synchronization failure - Failed to acquire QAM/QPSK symbol timing;CM-MAC=b0:39:56:4a:c6:90;CMTS-MAC=6c:13:d5:75:8d:d5;CM-QOS=1.1;CM-VER=3.1;
2024-03-06, 15:48:03	Critical (3)	SYNC Timing Synchronization failure - Failed to acquire QAM/QPSK symbol timing;CM-MAC=b0:39:56:4a:c6:90;CMTS-MAC=6c:13:d5:75:8d:d5;CM-QOS=1.1;CM-VER=3.1;
2024-03-06, 15:47:59	Critical (3)	SYNC Timing Synchronization failure - Failed to acquire QAM/QPSK symbol timing;CM-MAC=b0:39:56:4a:c6:90;CMTS-MAC=6c:13:d5:75:8d:d5;CM-QOS=1.1;CM-VER=3.1;
2024-03-06, 15:44:05	Critical (3)	SYNC Timing Synchronization failure - Loss of Sync;CM-MAC=b0:39:56:4a:c6:90;CMTS-MAC=6c:13:d5:75:8d:d5;CM-QOS=1.1;CM-VER=3.1;
Time Not Established	Critical (3)	UCD invalid or channel unusable;CM-MAC=b0:39:56:4a:c6:90;CMTS-MAC=6c:13:d5:75:8d:d5;CM-QOS=1.1;CM-VER=3.1;
2024-03-06, 15:30:03	Critical (3)	SYNC Timing Synchronization failure - Failed to acquire QAM/QPSK symbol timing;CM-MAC=b0:39:56:4a:c6:90;CMTS-MAC=00:00:00:00:00:00;CM-QOS=1.1;CM-VER=3.1;
2024-03-06, 15:29:59	Critical (3)	Received Response to Broadcast Maintenance Request, But no Unicast Maintenance opportunities received - T4 time out;CM-MAC=b0:39:56:4a:c6:90;CMTS-MAC=6c:13:d5:75:8d:d5;CM-QOS=1.1;CM-VER=3.1;
2024-03-06, 15:29:39	Critical (3)	SYNC Timing Synchronization failure - Failed to acquire QAM/QPSK symbol timing;CM-MAC=b0:39:56:4a:c6:90;CMTS-MAC=6c:13:d5:75:8d:d5;CM-QOS=1.1;CM-VER=3.1;