

Cable Connection

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	951000000 Hz	Locked
Connectivity State	In progress	Access Denied
Boot State	OK	Operational
Security	In progress	SPN
IP Provisioning Mode	Honor Mod	IPv4 only

Downstream Bonded Channels

Channel	Lock Status	Modulation	Channel ID	Frequency	Power	SNR / MER	Unerrored Codewords	Correctable Codewords	Uncorrectable Codewords
1	Locked	QAM256	20	951000000 Hz	3.0 dBmV	37.4 dB	76171108	0	0
2	Locked	QAM256	11	783000000 Hz	2.0 dBmV	37.6 dB	76974676	0	0
3	Locked	QAM256	2	789000000 Hz	3.0 dBmV	37.6 dB	76973847	0	0
4	Locked	QAM256	3	795000000 Hz	3.0 dBmV	37.6 dB	76982357	0	0
5	Locked	QAM256	4	801000000 Hz	3.0 dBmV	37.5 dB	76989301	0	0
6	Locked	QAM256	5	807000000 Hz	2.9 dBmV	37.4 dB	76972574	0	0
7	Locked	QAM256	6	813000000 Hz	2.8 dBmV	37.3 dB	76933091	0	0
8	Locked	QAM256	7	819000000 Hz	2.5 dBmV	37.4 dB	76967772	0	0
9	Locked	QAM256	8	825000000 Hz	2.5 dBmV	37.3 dB	7700583	0	0
10	Locked	QAM256	9	831000000 Hz	2.3 dBmV	37.3 dB	7703765	0	0
11	Locked	QAM256	10	837000000 Hz	2.6 dBmV	37.3 dB	7708238	0	0
12	Locked	QAM256	11	843000000 Hz	2.5 dBmV	37.3 dB	7701185	0	0
13	Locked	QAM256	12	849000000 Hz	2.7 dBmV	37.2 dB	7701584	0	0
14	Locked	QAM256	13	855000000 Hz	2.7 dBmV	37.2 dB	7701945	0	0
15	Locked	QAM256	14	861000000 Hz	2.5 dBmV	37.2 dB	7702799	0	0
16	Locked	QAM256	15	867000000 Hz	2.2 dBmV	37.2 dB	7703482	0	0
17	Locked	QAM256	16	873000000 Hz	2.2 dBmV	37.0 dB	7703499	0	0
18	Locked	QAM256	17	879000000 Hz	2.1 dBmV	37.0 dB	7703389	0	0
19	Locked	QAM256	18	885000000 Hz	2.0 dBmV	37.0 dB	7703767	0	0
20	Locked	QAM256	19	891000000 Hz	2.1 dBmV	37.0 dB	7704129	0	0
21	Locked	QAM256	20	897000000 Hz	2.0 dBmV	37.0 dB	7704524	0	0
22	Locked	QAM256	21	903000000 Hz	2.1 dBmV	36.9 dB	7704882	0	0
23	Locked	QAM256	22	909000000 Hz	2.1 dBmV	37.0 dB	7705215	0	0
24	Locked	QAM256	23	915000000 Hz	2.3 dBmV	37.1 dB	7705932	0	0
25	Locked	QAM256	24	921000000 Hz	2.3 dBmV	37.0 dB	7706098	0	0
26	Locked	QAM256	25	927000000 Hz	2.5 dBmV	37.1 dB	7706374	0	0
27	Locked	QAM256	26	933000000 Hz	2.6 dBmV	37.4 dB	7706721	0	0
28	Locked	QAM256	27	939000000 Hz	2.8 dBmV	37.4 dB	7707079	0	0
29	Locked	QAM256	28	945000000 Hz	2.9 dBmV	37.3 dB	7707434	0	0
30	Locked	QAM256	30	957000000 Hz	3.1 dBmV	37.4 dB	7707835	0	0
31	Locked	QAM256	31	963000000 Hz	3.2 dBmV	37.5 dB	77079134	0	0
32	Locked	QAM256	32	969000000 Hz	3.1 dBmV	37.4 dB	7708273	0	0

Upstream Bonded Channels

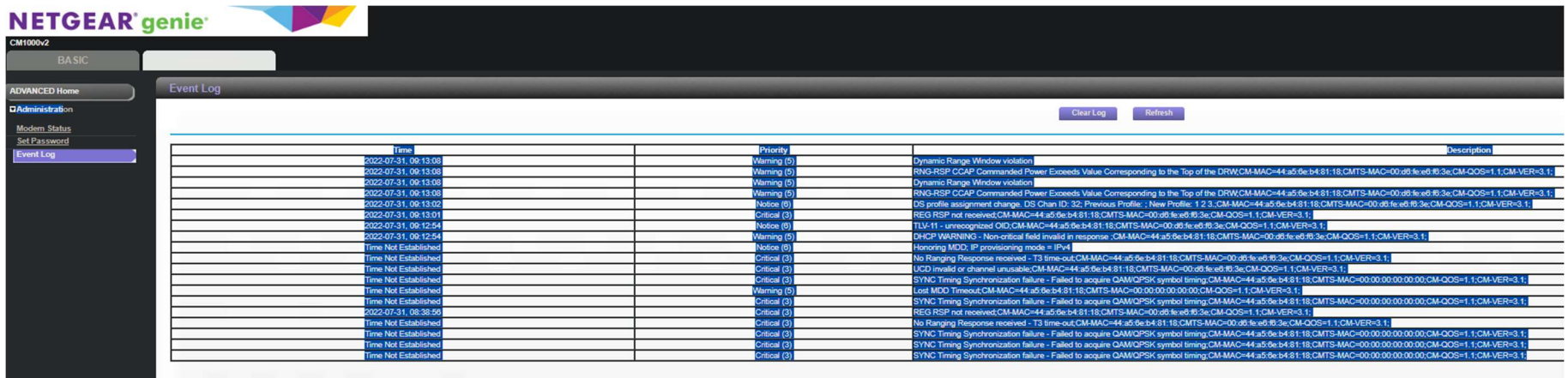
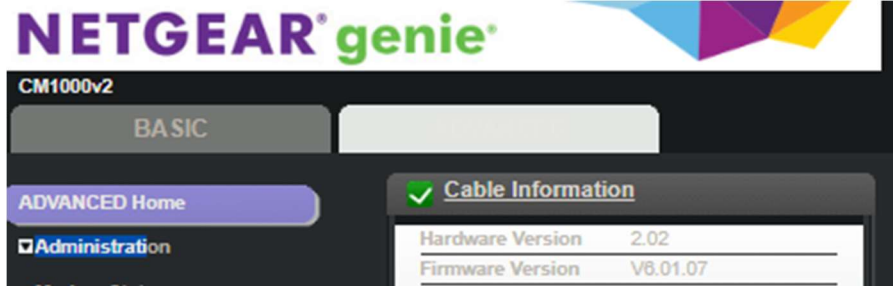
Channel	Lock Status	Modulation	Channel ID	Frequency	Power
1	Locked	ATDMA	1	1930000 Hz	50.0 dBmV
2	Locked	ATDMA	2	2580000 Hz	50.0 dBmV
3	Locked	ATDMA	3	3220000 Hz	50.0 dBmV
4	Locked	ATDMA	4	3880000 Hz	51.0 dBmV
5	Not Locked	Unknown	0	0 Hz	0.0 dBmV
6	Not Locked	Unknown	0	0 Hz	0.0 dBmV
7	Not Locked	Unknown	0	0 Hz	0.0 dBmV
8	Not Locked	Unknown	0	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, 3	160	500000000 Hz	3.1 dBmV	38.3 dB	2218 - 5975	7482810	548234	0
2	Not Locked	0	0	0 Hz	0.7 dBmV	0.0 dB	0 - 4065	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



Before factory reset

Time Priority Description

2022-07-31, 08:21:49 Warning (5) Dynamic Range Window violation

2022-07-31, 08:21:49 Warning (5) RNG-RSP CCAP Commanded Power Exceeds Value Corresponding to the Top of the DRW;CM-MAC=44:a5:6e:b4:81:18;CMTS-MAC=00:d6:fe:e6:f6:3e;CM-QOS=1.1;CM-VER=3.1;

2022-07-31, 08:21:42 Notice (6) DS profile assignment change. DS Chan ID: 32; Previous Profile: ; New Profile: 1 2 3.;CM-MAC=44:a5:6e:b4:81:18;CMTS-MAC=00:d6:fe:e6:f6:3e;CM-QOS=1.1;CM-VER=3.1;

2022-07-31, 08:21:37 Notice (6) TLV-11 - unrecognized OID;CM-MAC=44:a5:6e:b4:81:18;CMTS-MAC=00:d6:fe:e6:f6:3e;CM-QOS=1.1;CM-VER=3.1;

2022-07-31, 08:21:36 Warning (5) DHCP WARNING - Non-critical field invalid in response ;CM-MAC=44:a5:6e:b4:81:18;CMTS-MAC=00:d6:fe:e6:f6:3e;CM-QOS=1.1;CM-VER=3.1;

Time Not Established Notice (6) Honoring MDD; IP provisioning mode = IPv4

2022-07-31, 07:26:05 Critical (3) SYNC Timing Synchronization failure - Failed to acquire QAM/QPSK symbol timing;CM-MAC=44:a5:6e:b4:81:18;CMTS-MAC=00:00:00:00:00:00;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=44:a5:6e:b4:81:18;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=44:a5:6e:b4:81:18;CMTS-MAC=00:d6:fe:e6:f6:3e;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=44:a5:6e:b4:81:18;CMTS-MAC=00:00:00:00:00:00;CM-QOS=1.1;CM-VER=3.1;

2022-07-15, 01:12:18 Critical (3) No Ranging Response received - T3 time-out;CM-MAC=44:a5:6e:b4:81:18;CMTS-MAC=00:d6:fe:e6:f6:3e;CM-QOS=1.1;CM-VER=3.1;

2022-07-15, 01:11:59 Critical (3) DHCP FAILED - Discover sent, no offer received;CM-MAC=44:a5:6e:b4:81:18;CMTS-MAC=00:d6:fe:e6:f6:3e;CM-QOS=1.1;CM-VER=3.1;

2022-07-15, 01:11:49 Critical (3) No Ranging Response received - T3 time-out;CM-MAC=44:a5:6e:b4:81:18;CMTS-MAC=00:d6:fe:e6:f6:3e;CM-QOS=1.1;CM-VER=3.1;

2022-07-15, 01:11:37 Critical (3) Received Response to Broadcast Maintenance Request, But no Unicast Maintenance opportunities received - T4 time out;CM-MAC=44:a5:6e:b4:81:18;CMTS-MAC=00:d6:fe:e6:f6:3e;CM-QOS=1.1;CM-VER=3.1;

2022-07-15, 01:09:30 Critical (3) DHCP FAILED - Discover sent, no offer received;CM-MAC=44:a5:6e:b4:81:18;CMTS-MAC=00:d6:fe:e6:f6:3e;CM-QOS=1.1;CM-VER=3.1;

2022-07-15, 01:09:13 Critical (3) Received Response to Broadcast Maintenance Request, But no Unicast Maintenance opportunities received - T4 time out;CM-MAC=44:a5:6e:b4:81:18;CMTS-MAC=00:d6:fe:e6:f6:3e;CM-QOS=1.1;CM-VER=3.1;

2022-07-15, 01:09:04 Critical (3) Unicast Ranging Received Abort Response - Re-initializing MAC;CM-MAC=44:a5:6e:b4:81:18;CMTS-MAC=00:d6:fe:e6:f6:3e;CM-QOS=1.1;CM-VER=3.1;

2022-07-15, 01:09:04 Critical (3) Received Response to Broadcast Maintenance Request, But no Unicast Maintenance opportunities received - T4 time out;CM-MAC=44:a5:6e:b4:81:18;CMTS-MAC=00:d6:fe:e6:f6:3e;CM-QOS=1.1;CM-VER=3.1;

2022-07-15, 01:09:03 Critical (3) Unicast Ranging Received Abort Response - Re-initializing MAC;CM-MAC=44:a5:6e:b4:81:18;CMTS-MAC=00:d6:fe:e6:f6:3e;CM-QOS=1.1;CM-VER=3.1;

2022-07-15, 01:09:01 Critical (3) Received Response to Broadcast Maintenance Request, But no Unicast Maintenance opportunities received - T4 time out;CM-MAC=44:a5:6e:b4:81:18;CMTS-MAC=00:d6:fe:e6:f6:3e;CM-QOS=1.1;CM-VER=3.1;

2022-07-15, 01:08:54 Critical (3) Unicast Ranging Received Abort Response - Re-initializing MAC;CM-MAC=44:a5:6e:b4:81:18;CMTS-MAC=00:d6:fe:e6:f6:3e;CM-QOS=1.1;CM-VER=3.1;

2022-07-15, 01:08:52 Critical (3) Received Response to Broadcast Maintenance Request, But no Unicast Maintenance opportunities received - T4 time out;CM-MAC=44:a5:6e:b4:81:18;CMTS-MAC=00:d6:fe:e6:f6:3e;CM-QOS=1.1;CM-VER=3.1;

2022-07-15, 01:08:34 Critical (3) Unicast Ranging Received Abort Response - Re-initializing MAC;CM-MAC=44:a5:6e:b4:81:18;CMTS-MAC=00:d6:fe:e6:f6:3e;CM-QOS=1.1;CM-VER=3.1;

2022-07-15, 01:08:33 Critical (3) Received Response to Broadcast Maintenance Request, But no Unicast Maintenance opportunities received - T4 time out;CM-MAC=44:a5:6e:b4:81:18;CMTS-MAC=00:d6:fe:e6:f6:3e;CM-QOS=1.1;CM-VER=3.1;

2022-07-15, 01:08:31 Critical (3) Unicast Ranging Received Abort Response - Re-initializing MAC;CM-MAC=44:a5:6e:b4:81:18;CMTS-MAC=00:d6:fe:e6:f6:3e;CM-QOS=1.1;CM-VER=3.1;

2022-07-15, 01:08:29 Critical (3) Received Response to Broadcast Maintenance Request, But no Unicast Maintenance opportunities received - T4 time out;CM-MAC=44:a5:6e:b4:81:18;CMTS-MAC=00:d6:fe:e6:f6:3e;CM-QOS=1.1;CM-VER=3.1;

2022-07-15, 01:05:40 Critical (3) Received Response to Broadcast Maintenance Request, But no Unicast Maintenance opportunities received - T4 time out;CM-MAC=44:a5:6e:b4:81:18;CMTS-MAC=00:d6:fe:e6:f6:3e;CM-QOS=1.1;CM-VER=3.1;

2022-07-15, 01:05:30 Critical (3) Unicast Ranging Received Abort Response - Re-initializing MAC;CM-MAC=44:a5:6e:b4:81:18;CMTS-MAC=00:d6:fe:e6:f6:3e;CM-QOS=1.1;CM-VER=3.1;

2022-07-15, 01:05:30 Critical (3) Received Response to Broadcast Maintenance Request, But no Unicast Maintenance opportunities received - T4 time out;CM-MAC=44:a5:6e:b4:81:18;CMTS-MAC=00:d6:fe:e6:f6:3e;CM-QOS=1.1;CM-VER=3.1;

2022-07-15, 01:05:20 Critical (3) Unicast Ranging Received Abort Response - Re-initializing MAC;CM-MAC=44:a5:6e:b4:81:18;CMTS-MAC=00:d6:fe:e6:f6:3e;CM-QOS=1.1;CM-VER=3.1;

2022-07-15, 01:05:19 Critical (3) Received Response to Broadcast Maintenance Request, But no Unicast Maintenance opportunities received - T4 time out;CM-MAC=44:a5:6e:b4:81:18;CMTS-MAC=00:d6:fe:e6:f6:3e;CM-QOS=1.1;CM-VER=3.1;

2022-07-15, 01:05:11 Critical (3) Unicast Ranging Received Abort Response - Re-initializing MAC;CM-MAC=44:a5:6e:b4:81:18;CMTS-MAC=00:d6:fe:e6:f6:3e;CM-QOS=1.1;CM-VER=3.1;

2022-07-15, 01:05:11 Critical (3) Received Response to Broadcast Maintenance Request, But no Unicast Maintenance opportunities received - T4 time out;CM-MAC=44:a5:6e:b4:81:18;CMTS-MAC=00:d6:fe:e6:f6:3e;CM-QOS=1.1;CM-VER=3.1;

2022-07-15, 01:05:00 Critical (3) Unicast Ranging Received Abort Response - Re-initializing MAC;CM-MAC=44:a5:6e:b4:81:18;CMTS-MAC=00:d6:fe:e6:f6:3e;CM-QOS=1.1;CM-VER=3.1;

2022-07-15, 01:04:59 Critical (3) Received Response to Broadcast Maintenance Request, But no Unicast Maintenance opportunities received - T4 time out;CM-MAC=44:a5:6e:b4:81:18;CMTS-MAC=00:d6:fe:e6:f6:3e;CM-QOS=1.1;CM-VER=3.1;

2022-07-15, 01:04:41 Critical (3) Unicast Ranging Received Abort Response - Re-initializing MAC;CM-MAC=44:a5:6e:b4:81:18;CMTS-MAC=00:d6:fe:e6:f6:3e;CM-QOS=1.1;CM-VER=3.1;

2022-07-15, 01:04:40 Critical (3) Received Response to Broadcast Maintenance Request, But no Unicast Maintenance opportunities received - T4 time out;CM-MAC=44:a5:6e:b4:81:18;CMTS-MAC=00:d6:fe:e6:f6:3e;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=44:a5:6e:b4:81:18;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=44:a5:6e:b4:81:18;CMTS-MAC=00:d6:fe:e6:f6:3e;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=44:a5:6e:b4:81:18;CMTS-MAC=00:00:00:00:00:00;CM-QOS=1.1;CM-VER=3.1;