

## Cable Connection

### Frequency start Value

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

Starting Frequency	<input type="text" value="0"/>
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### Startup Procedure

Procedure	Status	Comment
Acquire Downstream Channel	579000000 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	28	579000000 Hz	-2.2 dBmV	44 dB	0	0
2	Locked	QAM256	13	489000000 Hz	-1.5 dBmV	44.8 dB	0	0
3	Locked	QAM256	14	495000000 Hz	-1.4 dBmV	44.7 dB	0	0
4	Locked	QAM256	15	501000000 Hz	-1.3 dBmV	44.7 dB	0	0
5	Locked	QAM256	16	507000000 Hz	-1.2 dBmV	44.8 dB	0	0

6	Locked	QAM256	17	513000000 Hz	-1.3 dBmV	44.8 dB	0	0
7	Locked	QAM256	18	519000000 Hz	-1.5 dBmV	44.7 dB	0	0
8	Locked	QAM256	19	525000000 Hz	-1.9 dBmV	44.4 dB	0	0
9	Locked	QAM256	20	531000000 Hz	-2.4 dBmV	44.1 dB	0	0
10	Locked	QAM256	21	537000000 Hz	-2.6 dBmV	43.9 dB	0	0
11	Locked	QAM256	22	543000000 Hz	-2.9 dBmV	43.8 dB	0	0
12	Locked	QAM256	23	549000000 Hz	-2.9 dBmV	43.7 dB	0	0
13	Locked	QAM256	24	555000000 Hz	-2.7 dBmV	43.8 dB	0	0
14	Locked	QAM256	25	561000000 Hz	-2.4 dBmV	44 dB	0	0
15	Locked	QAM256	26	567000000 Hz	-2.2 dBmV	44.1 dB	0	0
16	Locked	QAM256	27	573000000 Hz	-2.3 dBmV	44 dB	0	0
17	Locked	QAM256	29	585000000 Hz	-2.5 dBmV	43.8 dB	0	0
18	Locked	QAM256	30	591000000 Hz	-2.7 dBmV	43.6 dB	0	0
19	Locked	QAM256	31	597000000 Hz	-2.5 dBmV	43.7 dB	0	0
20	Locked	QAM256	32	603000000 Hz	-2.4 dBmV	43.7 dB	0	0
21	Locked	QAM256	33	609000000 Hz	-2.3 dBmV	43.8 dB	0	0
22	Locked	QAM256	34	615000000 Hz	-2.2 dBmV	43.8 dB	0	0
23	Locked	QAM256	35	621000000 Hz	-2.3 dBmV	43.7 dB	0	0
24	Locked	QAM256	36	627000000 Hz	-2.6 dBmV	43.6 dB	0	0
25	Locked	QAM256	37	633000000 Hz	-3 dBmV	43.3 dB	0	0

26	Locked	QAM256	38	639000000 Hz	-2.9 dBmV	43.3 dB	0	0
27	Locked	QAM256	39	645000000 Hz	-3 dBmV	43.3 dB	0	0
28	Locked	QAM256	40	651000000 Hz	-2.9 dBmV	43.4 dB	0	0
29	Locked	QAM256	41	657000000 Hz	-2.6 dBmV	43.5 dB	0	0
30	Locked	QAM256	42	663000000 Hz	-2.7 dBmV	43.4 dB	0	0
31	Locked	QAM256	43	669000000 Hz	-2.8 dBmV	43.4 dB	0	0
32	Locked	QAM256	44	675000000 Hz	-3.2 dBmV	42 dB	0	0

#### Upstream Bonded Channels

Channel	Lock Status	US Channel Type	Channel ID	Symbol Rate	Frequency	Power
1	Locked	ATDMA	17	5120 Ksym/sec	16400000 Hz	48.8 dBmV
2	Locked	ATDMA	18	5120 Ksym/sec	22800000 Hz	48.8 dBmV
3	Locked	ATDMA	19	5120 Ksym/sec	29200000 Hz	48.8 dBmV
4	Locked	ATDMA	20	5120 Ksym/sec	35600000 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	Unerror Codewor
1	Locked	0 ,1 ,2 ,3	193	957000000 Hz	-5.2 dBmV	40.8 dB	148 ~ 3947	728660
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:Wed Jan 17 17:48:47 2024**

**System Up Time:00:08:15**

in / D	Channel ID	Frequency	Power	SNR / MER	Active Subcarrier Number Range	Unerrored Codewords	Correctable Codewords	Uncorrectable Codewords
3	193	957000000 Hz	-5.2 dBmV	40.8 dB	148 ~ 3947	7286604	3808184	0
	0	0 Hz	0 dBmV	0.0 dB	0 ~ 4095	0	0	0

ion / Profile ID	Channel ID	Frequency	Power
0	0	0 Hz	0 dBmV
0	0	0 Hz	0 dBmV

**ower**

ransmit Power

in 17 17:48:47 2024

## ADVANCED

### Cable Information

<b>Hardware Version</b>	1.01
<b>Firmware Version</b>	V3.12.03
<b>Cable Modem Serial Number</b>	6YC22A72D1B3F
<b>CM Certificate</b>	Installed
<b>CM MAC</b>	94:18:65:28:91:13

[Factory reset](#)

[Reboot](#)

## ADVANCED

### Ethernet Port Aggregation

Apply ▶

✕ Cancel

- Disable
- Enable (LACP-IEEE 802.3ad) (Port 1 & 2)

Ethernet Port Aggregation Status: **Inactive**

## Event Log

[Clear Log](#)[Refresh](#)

Time	Priority	Description
Wed Jan 17 17:55:22 2024	Critical (3)	Started Unicast Maintenance Ranging - No Response received - T3 time-out;CM-MAC=94:18:65:28:91:13;CMTS-MAC=00:90:f0:05:05:00;CM-QOS=1.1;CM-VER=3.1;
Wed Jan 17 17:42:08 2024	Notice (6)	CM-STATUS message sent. Event Type Code: 5; Chan ID: 193; DSID: N/A; MAC Addr: N/A; OFDM/OFDMA Profile ID: N/A.;CM-MAC=94:18:65:28:91:13;CMTS-MAC=00:90:f0:05:05:00;CM-QOS=1.1;CM-VER=3.1;
Wed Jan 17 17:41:38 2024	Critical (3)	Started Unicast Maintenance Ranging - No Response received - T3 time-out;CM-MAC=94:18:65:28:91:13;CMTS-MAC=00:90:f0:05:05:00;CM-QOS=1.1;CM-VER=3.1;
Wed Jan 17 17:41:23 2024	Critical (3)	UCD invalid or channel unusable;CM-MAC=94:18:65:28:91:13;CMTS-MAC=00:90:f0:05:05:00;CM-QOS=1.1;CM-VER=3.1;
Wed Jan 17 17:41:19 2024	Critical (3)	No Ranging Response received - T3 time-out;CM-MAC=94:18:65:28:91:13;CMTS-MAC=00:90:f0:05:05:00;CM-QOS=1.1;CM-VER=3.1;
Wed Jan 17 17:41:19 2024	Critical (3)	UCD invalid or channel unusable;CM-MAC=94:18:65:28:91:13;CMTS-MAC=00:90:f0:05:05:00;CM-QOS=1.1;CM-VER=3.1;
Wed Jan 17 17:41:13 2024	Notice (6)	DS profile assignment change. DS Chan ID: 32; Previous Profile: ; New Profile: 1 2 3.;CM-MAC=94:18:65:28:91:13;CMTS-MAC=00:90:f0:05:05:00;CM-QOS=1.1;CM-VER=3.1;
Wed Jan 17 17:41:08 2024	Notice (6)	TLV-11 - unrecognized OID;CM-MAC=94:18:65:28:91:13;CMTS-



Wed Jan 17 17:20:38 2024	Notice (6)	TLV-11 - unrecognized OID;CM-MAC=94:18:65:28:91:13;CMTS-MAC=00:90:f0:05:05:00;CM-QOS=1.1;CM-VER=3.1;
Time Not Established	Notice (6)	Honoring MDD; IP provisioning mode = IPv6
Time Not Established	Critical (3)	UCD invalid or channel unusable;CM-MAC=94:18:65:28:91:13;CMTS-MAC=00:90:f0:05:05:00;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=94:18:65:28:91:13;CMTS-MAC=00:00:00:00:00:00;CM-QOS=1.1;CM-VER=3.1;
Wed Jan 17 17:01:54 2024	Notice (6)	CM-STATUS message sent. Event Type Code: 5; Chan ID: 193; DSID: N/A; MAC Addr: N/A; OFDM/OFDMA Profile ID: N/A.;CM-MAC=94:18:65:28:91:13;CMTS-MAC=00:90:f0:05:05:00;CM-QOS=1.1;CM-VER=3.1;
Wed Jan 17 17:00:49 2024	Critical (3)	Started Unicast Maintenance Ranging - No Response received - T3 time-out;CM-MAC=94:18:65:28:91:13;CMTS-MAC=00:90:f0:05:05:00;CM-QOS=1.1;CM-VER=3.1;
Wed Jan 17 17:00:35 2024	Critical (3)	UCD invalid or channel unusable;CM-MAC=94:18:65:28:91:13;CMTS-MAC=00:90:f0:05:05:00;CM-QOS=1.1;CM-VER=3.1;
Wed Jan 17 17:00:28 2024	Notice (6)	DS profile assignment change. DS Chan ID: 32; Previous Profile: ; New Profile: 1 2 3.;CM-MAC=94:18:65:28:91:13;CMTS-MAC=00:90:f0:05:05:00;CM-QOS=1.1;CM-VER=3.1;
Wed Jan 17 17:00:23 2024	Notice (6)	TLV-11 - unrecognized OID;CM-MAC=94:18:65:28:91:13;CMTS-MAC=00:90:f0:05:05:00;CM-QOS=1.1;CM-VER=3.1;
Time Not Established	Notice (6)	Honoring MDD; IP provisioning mode = IPv6

Time Not Established	Critical (3)	UCD invalid or channel unusable;CM-MAC=94:18:65:28:91:13;CMTS-MAC=00:90:f0:05:05:00;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=94:18:65:28:91:13;CMTS-MAC=00:00:00:00:00:00;CM-QOS=1.1;CM-VER=3.1;
Wed Jan 17 16:54:42 2024	Critical (3)	UCD invalid or channel unusable;CM-MAC=94:18:65:28:91:13;CMTS-MAC=00:90:f0:05:05:00;CM-QOS=1.1;CM-VER=3.1;
Wed Jan 17 16:54:41 2024	Critical (3)	Started Unicast Maintenance Ranging - No Response received - T3 time-out;CM-MAC=94:18:65:28:91:13;CMTS-MAC=00:90:f0:05:05:00;CM-QOS=1.1;CM-VER=3.1;
Wed Jan 17 16:54:41 2024	Critical (3)	UCD invalid or channel unusable;CM-MAC=94:18:65:28:91:13;CMTS-MAC=00:90:f0:05:05:00;CM-QOS=1.1;CM-VER=3.1;
Wed Jan 17 16:54:39 2024	Critical (3)	Started Unicast Maintenance Ranging - No Response received - T3 time-out;CM-MAC=94:18:65:28:91:13;CMTS-MAC=00:90:f0:05:05:00;CM-QOS=1.1;CM-VER=3.1;
Wed Jan 17 16:54:39 2024	Critical (3)	UCD invalid or channel unusable;CM-MAC=94:18:65:28:91:13;CMTS-MAC=00:90:f0:05:05:00;CM-QOS=1.1;CM-VER=3.1;
Wed Jan 17 16:54:31 2024	Notice (6)	DS profile assignment change. DS Chan ID: 32; Previous Profile: ; New Profile: 1 2 3.;CM-MAC=94:18:65:28:91:13;CMTS-MAC=00:90:f0:05:05:00;CM-QOS=1.1;CM-VER=3.1;
Wed Jan 17 16:54:26 2024	Notice (6)	TLV-11 - unrecognized OID;CM-MAC=94:18:65:28:91:13;CMTS-

Time Not Established	Notice (6)	Honoring MDD; IP provisioning mode = IPv6
Time Not Established	Critical (3)	UCD invalid or channel unusable;CM-MAC=94:18:65:28:91:13;CMTS-MAC=00:90:f0:05:05:00;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=94:18:65:28:91:13;CMTS-MAC=00:00:00:00:00:00;CM-QOS=1.1;CM-VER=3.1;
Wed Jan 17 00:10:01 2024	Critical (3)	UCD invalid or channel unusable;CM-MAC=94:18:65:28:91:13;CMTS-MAC=00:90:f0:05:05:00;CM-QOS=1.1;CM-VER=3.1;
Wed Jan 17 00:09:57 2024	Critical (3)	No Ranging Response received - T3 time-out;CM-MAC=94:18:65:28:91:13;CMTS-MAC=00:90:f0:05:05:00;CM-QOS=1.1;CM-VER=3.1;