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### Frequency start Value

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

Starting Frequency

### Startup Procedure

Procedure	Status	Comment
Acquire Downstream Channel	525000000 Hz	Locked
Connectivity State	OK	Operational
Boot State	OK	Operational
Security	Enabled	BPI+
IP Provisioning Mode	Honor MDD	honorMdd(4)

## Cable Connection

## Downstream Bonded Channels

Channel	Lock Status	Modulation	Channel ID	Frequency	Power	SNR	Correctables	Uncorrectables
1	Locked	QAM256	20	525000000 Hz	1.2 dBmV	40.7 dB	8	30
2	Locked	QAM256	17	507000000 Hz	1.7 dBmV	40.2 dB	0	0
3	Locked	QAM256	18	513000000 Hz	1.6 dBmV	40.6 dB	0	0
4	Locked	QAM256	19	519000000 Hz	1.4 dBmV	40.9 dB	0	0
5	Locked	QAM256	21	531000000 Hz	1.4 dBmV	40.9 dB	0	0
6	Locked	QAM256	22	537000000 Hz	1.5 dBmV	41 dB	0	0
7	Locked	QAM256	23	543000000 Hz	1.4 dBmV	41 dB	0	0
8	Locked	QAM256	24	549000000 Hz	1.3 dBmV	40.7 dB	0	0
9	Locked	QAM256	25	555000000 Hz	1 dBmV	40.1 dB	0	0
10	Locked	QAM256	26	561000000 Hz	1 dBmV	40.3 dB	0	0
11	Locked	QAM256	27	567000000 Hz	1.3 dBmV	40.6 dB	0	0
12	Locked	QAM256	28	573000000 Hz	1.5 dBmV	40.7 dB	0	0
13	Locked	QAM256	29	579000000 Hz	1.2 dBmV	40.6 dB	0	0
14	Locked	QAM256	30	585000000 Hz	0.7 dBmV	40.3 dB	0	0
15	Locked	QAM256	31	591000000 Hz	0.3 dBmV	40.2 dB	0	0
16	Locked	QAM256	32	597000000 Hz	0.5 dBmV	40.4 dB	0	0
17	Locked	QAM256	33	603000000 Hz	1.1 dBmV	39.9 dB	0	0
18	Locked	QAM256	34	609000000 Hz	1.2 dBmV	40.4 dB	0	0
19	Locked	QAM256	35	615000000 Hz	0.8 dBmV	40.4 dB	0	0
20	Locked	QAM256	36	621000000 Hz	0.6 dBmV	40.1 dB	0	0
21	Locked	QAM256	37	627000000 Hz	0.8 dBmV	40.1 dB	0	0
22	Locked	QAM256	38	633000000 Hz	1.2 dBmV	40.4 dB	0	0
23	Locked	QAM256	39	639000000 Hz	1.5 dBmV	40.6 dB	0	0
24	Locked	QAM256	40	645000000 Hz	1.4 dBmV	40.5 dB	0	0
25	Locked	QAM256	41	651000000 Hz	0.9 dBmV	40 dB	0	0
26	Locked	QAM256	42	657000000 Hz	0.8 dBmV	39.9 dB	0	0
27	Locked	QAM256	43	663000000 Hz	1.2 dBmV	40.1 dB	0	0
28	Locked	QAM256	44	669000000 Hz	1.5 dBmV	40.3 dB	0	0
29	Locked	QAM256	45	675000000 Hz	1.8 dBmV	39.8 dB	0	0
30	Locked	QAM256	46	681000000 Hz	1.5 dBmV	40 dB	0	0
31	Locked	QAM256	47	687000000 Hz	1.4 dBmV	39.9 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	61	5120 Ksym/sec	17300000 Hz	45.8 dBmV
2	Locked	ATDMA	62	5120 Ksym/sec	23700000 Hz	46.8 dBmV
3	Locked	ATDMA	63	5120 Ksym/sec	30300000 Hz	47.3 dBmV
4	Locked	ATDMA	64	5120 Ksym/sec	36700000 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 Codeword
1	Locked	0,1,2,3	48	850000000 Hz	-2.9 dBmV	38.1 dB	1108 ~ 2987	179640
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 Sep 02 11:45:18 2020

System Up Time:00:03:35

Event Log

Clear Log

Refresh

Time	Priority	Description
Wed Sep 02 11:42:28 2020	Notice (6)	DS profile assignment change. DS Chan ID: 32; Previous Profile: ; New Profile: 1 2 3.;CM-MAC=[REDACTED];CMTS-MAC=[REDACTED];CM-QOS=1.1;CM-VER=3.1;
Wed Sep 02 11:42:23 2020	Notice (6)	TLV-11 - unrecognized OID;CM-MAC=[REDACTED];CMTS-MAC=[REDACTED];CM-QOS=1.1;CM-VER=3.1;
Time Not Established	Notice (6)	Honoring MDD; IP provisioning mode = IPv6
Time Not Established	Critical (3)	No Ranging Response received - T3 time-out;CM-MAC=[REDACTED];CMTS-MAC=00:01:5c:65:28:55;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=[REDACTED];CMTS-MAC=00:00:00:00:00:00;CM-QOS=1.1;CM-VER=3.1;
Wed Sep 02 11:41:08 2020	Notice (6)	CM-STATUS message sent. Event Type Code: 7; Chan ID: 61; DSID: N/A; MAC Addr: N/A; OFDM/OFDMA Profile ID: N/A.;CM-MAC=[REDACTED];CMTS-MAC=[REDACTED];CM-QOS=1.1;CM-VER=3.1;
Wed Sep 02 11:41:08 2020	Critical (3)	Started Unicast Maintenance Ranging - No Response received - T3 time-out;CM-MAC=[REDACTED];CMTS-MAC=[REDACTED];CM-QOS=1.1;CM-VER=3.1;
Wed Sep 02 11:41:08 2020	Critical (3)	No Ranging Response received - T3 time-out;CM-MAC=[REDACTED];CMTS-MAC=[REDACTED];CM-QOS=1.1;CM-VER=3.1;
Wed Sep 02 11:41:07 2020	Critical (3)	Started Unicast Maintenance Ranging - No Response received - T3 time-out;CM-MAC=[REDACTED];CMTS-MAC=[REDACTED];CM-QOS=1.1;CM-VER=3.1;
Wed Sep 02 11:41:05 2020	Critical (3)	No Ranging Response received - T3 time-out;CM-MAC=[REDACTED];CMTS-MAC=00:01:5c:65:28:55;CM-QOS=1.1;CM-VER=3.1;
Wed Sep 02 11:41:04 2020	Critical (3)	Started Unicast Maintenance Ranging - No Response received - T3 time-out;CM-MAC=[REDACTED];CMTS-MAC=[REDACTED];CM-QOS=1.1;CM-VER=3.1;
Wed Sep 02 11:41:04 2020	Critical (3)	16 consecutive T3 timeouts while trying to range on upstream channel 1;CM-MAC=[REDACTED];CMTS-MAC=[REDACTED];CM-QOS=1.1;CM-VER=3.1;
Wed Sep 02 11:41:03 2020	Critical (3)	Unicast Maintenance Ranging attempted - No response - Retries exhausted;CM-MAC=[REDACTED];CMTS-MAC=[REDACTED];CM-QOS=1.1;CM-VER=3.1;
Wed Sep 02 11:41:03 2020	Critical (3)	Started Unicast Maintenance Ranging - No Response received - T3 time-out;CM-MAC=[REDACTED];CMTS-