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**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	363000000 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	19	363000000 Hz	5.2 dBmV	40 dB	353348073	6989360
2	Locked	QAM256	2	261000000 Hz	3.4 dBmV	39.3 dB	61680883	24447719
3	Locked	QAM256	3	267000000 Hz	3.3 dBmV	39.1 dB	192649391	39429736
4	Locked	QAM256	4	273000000 Hz	3.6 dBmV	39.3 dB	321768024	8969914
5	Locked	QAM256	5	279000000 Hz	3.4 dBmV	39.1 dB	114998132	11330012
6	Locked	QAM256	6	285000000 Hz	3.4 dBmV	39.2 dB	2926832	867590
7	Locked	QAM256	7	291000000 Hz	3.2 dBmV	39 dB	168346	27538
8	Locked	QAM256	8	297000000 Hz	3.5 dBmV	39.2 dB	158499	30322
9	Locked	QAM256	9	303000000 Hz	3.2 dBmV	39.1 dB	100296	63133
10	Locked	QAM256	10	309000000 Hz	3.2 dBmV	39.1 dB	4660	1348
11	Locked	QAM256	11	315000000 Hz	3.5 dBmV	39.3 dB	5624	4096
12	Locked	QAM256	12	321000000 Hz	3.5 dBmV	39.2 dB	6781	4974
13	Locked	QAM256	13	327000000 Hz	3.4 dBmV	39.2 dB	1886091	653175

14	Locked	QAM256	14	333000000 Hz	4 dBmV	39.5 dB	469946046	29199094
15	Locked	QAM256	15	339000000 Hz	4.1 dBmV	39.3 dB	420635885	14702687
16	Locked	QAM256	16	345000000 Hz	4.6 dBmV	39.6 dB	431921901	17716377
17	Locked	QAM256	18	357000000 Hz	5.1 dBmV	40.3 dB	513240	16263
18	Locked	QAM256	1	255000000 Hz	3.9 dBmV	39.4 dB	258164	132374
19	Locked	QAM256	20	369000000 Hz	5.5 dBmV	40.5 dB	309714	2220
20	Locked	QAM256	21	375000000 Hz	5.4 dBmV	40.4 dB	1086	0
21	Locked	QAM256	22	381000000 Hz	5.6 dBmV	40.8 dB	752	0
22	Locked	QAM256	23	387000000 Hz	5.6 dBmV	40.9 dB	502	0
23	Locked	QAM256	24	393000000 Hz	5.6 dBmV	40.8 dB	67	0
24	Locked	QAM256	28	417000000 Hz	5.9 dBmV	41.3 dB	0	0

#### Upstream Bonded Channels

Channel	Lock Status	US Channel Type	Channel ID	Symbol Rate	Frequency	Power
1	Locked	ATDMA	3	2560 Ksym/sec	15600000 Hz	47 dBmV
2	Locked	ATDMA	2	5120 Ksym/sec	26800000 Hz	48.8 dBmV
3	Locked	ATDMA	1	5120 Ksym/sec	20400000 Hz	48 dBmV
4	Not Locked	Unknown	0	0 Ksym/sec	0 Hz	0.0 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

#### Extended Upstream Transmit Power

Enable Extended Upstream Transmit Power

**Current System Time: Wed Apr 03 12:47:26 2024**

**System Up Time: 1 day 01:08:31**

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Time	Priority	Description
2024-4-2, 13:14:02	Critical (3)	Started Unicast Maintenance Ranging - No Response received - T3 time-out;CM-MAC=cc:40:d0:c2:e6:88;CMTS-MAC=00:17:10:9c:da:9a;CM-QOS=1.1;CM-VER=3.0;
2024-4-2, 13:14:13	Warning (5)	MDD message timeout;CM-MAC=cc:40:d0:c2:e6:88;CMTS-MAC=00:17:10:9c:da:9a;CM-QOS=1.1;CM-VER=3.0;
2024-4-2, 13:22:44	Critical (3)	Started Unicast Maintenance Ranging - No Response received - T3 time-out;CM-MAC=cc:40:d0:c2:e6:88;CMTS-MAC=00:17:10:9c:da:9a;CM-QOS=1.1;CM-VER=3.0;
2024-4-2, 13:22:46	Warning (5)	MDD message timeout;CM-MAC=cc:40:d0:c2:e6:88;CMTS-MAC=00:17:10:9c:da:9a;CM-QOS=1.1;CM-VER=3.0;
2024-4-2, 13:29:25	Critical (3)	Started Unicast Maintenance Ranging - No Response received - T3 time-out;CM-MAC=cc:40:d0:c2:e6:88;CMTS-MAC=00:17:10:9c:da:9a;CM-QOS=1.1;CM-VER=3.0;
2024-4-2, 13:29:32	Warning (5)	MDD message timeout;CM-MAC=cc:40:d0:c2:e6:88;CMTS-MAC=00:17:10:9c:da:9a;CM-QOS=1.1;CM-VER=3.0;
2024-4-2, 13:35:06	Critical (3)	Started Unicast Maintenance Ranging - No Response received - T3 time-out;CM-MAC=cc:40:d0:c2:e6:88;CMTS-MAC=00:17:10:9c:da:9a;CM-QOS=1.1;CM-VER=3.0;
2024-4-2, 13:35:18	Warning (5)	MDD message timeout;CM-MAC=cc:40:d0:c2:e6:88;CMTS-MAC=00:17:10:9c:da:9a;CM-QOS=1.1;CM-VER=3.0;
2024-4-2, 14:02:01	Critical (3)	Started Unicast Maintenance Ranging - No Response received - T3 time-out;CM-MAC=cc:40:d0:c2:e6:88;CMTS-MAC=00:17:10:9c:da:9a;CM-QOS=1.1;CM-VER=3.0;
2024-4-2, 14:02:02	Warning (5)	MDD message timeout;CM-MAC=cc:40:d0:c2:e6:88;CMTS-MAC=00:17:10:9c:da:9a;CM-QOS=1.1;CM-VER=3.0;
2024-4-2, 14:02:11	Critical (3)	Started Unicast Maintenance Ranging - No Response received - T3 time-out;CM-MAC=cc:40:d0:c2:e6:88;CMTS-MAC=00:17:10:9c:da:9a;CM-QOS=1.1;CM-VER=3.0;
2024-4-2, 14:02:19	Warning (5)	MDD message timeout;CM-MAC=cc:40:d0:c2:e6:88;CMTS-MAC=00:17:10:9c:da:9a;CM-QOS=1.1;CM-VER=3.0;
2024-4-2, 14:16:24	Critical (3)	Started Unicast Maintenance Ranging - No Response received - T3 time-out;CM-MAC=cc:40:d0:c2:e6:88;CMTS-MAC=00:17:10:9c:da:9a;CM-QOS=1.1;CM-VER=3.0;
2024-4-2, 14:16:28	Warning (5)	MDD message timeout;CM-MAC=cc:40:d0:c2:e6:88;CMTS-MAC=00:17:10:9c:da:9a;CM-QOS=1.1;CM-VER=3.0;
2024-4-2, 14:17:24	Critical (3)	Started Unicast Maintenance Ranging - No Response received - T3 time-out;CM-MAC=cc:40:d0:c2:e6:88;CMTS-MAC=00:17:10:9c:da:9a;CM-QOS=1.1;CM-VER=3.0;
2024-4-2, 14:17:27	Warning (5)	MDD message timeout;CM-MAC=cc:40:d0:c2:e6:88;CMTS-MAC=00:17:10:9c:da:9a;CM-QOS=1.1;CM-VER=3.0;
2024-4-2, 14:36:37	Critical (3)	Started Unicast Maintenance Ranging - No Response received - T3 time-out;CM-MAC=cc:40:d0:c2:e6:88;CMTS-MAC=00:17:10:9c:da:9a;CM-QOS=1.1;CM-VER=3.0;
2024-4-2, 14:36:38	Warning (5)	MDD message timeout;CM-MAC=cc:40:d0:c2:e6:88;CMTS-MAC=00:17:10:9c:da:9a;CM-QOS=1.1;CM-VER=3.0;
2024-4-2, 14:41:08	Critical (3)	Started Unicast Maintenance Ranging - No Response received - T3 time-out;CM-MAC=cc:40:d0:c2:e6:88;CMTS-MAC=00:17:10:9c:da:9a;CM-QOS=1.1;CM-VER=3.0;
2024-4-2, 14:41:08	Warning (5)	MDD message timeout;CM-MAC=cc:40:d0:c2:e6:88;CMTS-MAC=00:17:10:9c:da:9a;CM-QOS=1.1;CM-VER=3.0;
2024-4-2, 14:41:38	Critical (3)	Started Unicast Maintenance Ranging - No Response received - T3 time-out;CM-MAC=cc:40:d0:c2:e6:88;CMTS-MAC=00:17:10:9c:da:9a;CM-QOS=1.1;CM-VER=3.0;
2024-4-2, 14:41:39	Warning (5)	MDD message timeout;CM-MAC=cc:40:d0:c2:e6:88;CMTS-MAC=00:17:10:9c:da:9a;CM-QOS=1.1;CM-VER=3.0;

2024-4-2, 14:42:28	Critical (3)	Started Unicast Maintenance Ranging - No Response received - T3 time-out;CM-MAC=cc:40:d0:c2:e6:88;CMTS-MAC=00:17:10:9c:da:9a;CM-QOS=1.1;CM-VER=3.0;
2024-4-2, 14:42:36	Warning (5)	MDD message timeout;CM-MAC=cc:40:d0:c2:e6:88;CMTS-MAC=00:17:10:9c:da:9a;CM-QOS=1.1;CM-VER=3.0;
2024-4-2, 15:01:52	Critical (3)	Started Unicast Maintenance Ranging - No Response received - T3 time-out;CM-MAC=cc:40:d0:c2:e6:88;CMTS-MAC=00:17:10:9c:da:9a;CM-QOS=1.1;CM-VER=3.0;
2024-4-2, 15:01:54	Warning (5)	MDD message timeout;CM-MAC=cc:40:d0:c2:e6:88;CMTS-MAC=00:17:10:9c:da:9a;CM-QOS=1.1;CM-VER=3.0;
2024-4-2, 15:07:53	Critical (3)	Started Unicast Maintenance Ranging - No Response received - T3 time-out;CM-MAC=cc:40:d0:c2:e6:88;CMTS-MAC=00:17:10:9c:da:9a;CM-QOS=1.1;CM-VER=3.0;
2024-4-2, 15:07:54	Warning (5)	MDD message timeout;CM-MAC=cc:40:d0:c2:e6:88;CMTS-MAC=00:17:10:9c:da:9a;CM-QOS=1.1;CM-VER=3.0;
2024-4-2, 15:16:04	Critical (3)	Started Unicast Maintenance Ranging - No Response received - T3 time-out;CM-MAC=cc:40:d0:c2:e6:88;CMTS-MAC=00:17:10:9c:da:9a;CM-QOS=1.1;CM-VER=3.0;
2024-4-2, 15:16:13	Warning (5)	MDD message timeout;CM-MAC=cc:40:d0:c2:e6:88;CMTS-MAC=00:17:10:9c:da:9a;CM-QOS=1.1;CM-VER=3.0;
2024-4-2, 15:20:25	Critical (3)	Started Unicast Maintenance Ranging - No Response received - T3 time-out;CM-MAC=cc:40:d0:c2:e6:88;CMTS-MAC=00:17:10:9c:da:9a;CM-QOS=1.1;CM-VER=3.0;
2024-4-2, 15:20:28	Warning (5)	MDD message timeout;CM-MAC=cc:40:d0:c2:e6:88;CMTS-MAC=00:17:10:9c:da:9a;CM-QOS=1.1;CM-VER=3.0;
2024-4-2, 15:28:06	Critical (3)	Started Unicast Maintenance Ranging - No Response received - T3 time-out;CM-MAC=cc:40:d0:c2:e6:88;CMTS-MAC=00:17:10:9c:da:9a;CM-QOS=1.1;CM-VER=3.0;
2024-4-2, 15:28:10	Warning (5)	MDD message timeout;CM-MAC=cc:40:d0:c2:e6:88;CMTS-MAC=00:17:10:9c:da:9a;CM-QOS=1.1;CM-VER=3.0;
2024-4-2, 15:30:58	Critical (3)	Started Unicast Maintenance Ranging - No Response received - T3 time-out;CM-MAC=cc:40:d0:c2:e6:88;CMTS-MAC=00:17:10:9c:da:9a;CM-QOS=1.1;CM-VER=3.0;
2024-4-2, 15:31:01	Warning (5)	MDD message timeout;CM-MAC=cc:40:d0:c2:e6:88;CMTS-MAC=00:17:10:9c:da:9a;CM-QOS=1.1;CM-VER=3.0;
2024-4-2, 15:33:58	Critical (3)	Started Unicast Maintenance Ranging - No Response received - T3 time-out;CM-MAC=cc:40:d0:c2:e6:88;CMTS-MAC=00:17:10:9c:da:9a;CM-QOS=1.1;CM-VER=3.0;
2024-4-2, 15:34:09	Warning (5)	MDD message timeout;CM-MAC=cc:40:d0:c2:e6:88;CMTS-MAC=00:17:10:9c:da:9a;CM-QOS=1.1;CM-VER=3.0;
2024-4-2, 21:34:42	Critical (3)	Started Unicast Maintenance Ranging - No Response received - T3 time-out;CM-MAC=cc:40:d0:c2:e6:88;CMTS-MAC=00:17:10:9c:da:9a;CM-QOS=1.1;CM-VER=3.0;
2024-4-2, 21:34:44	Warning (5)	MDD message timeout;CM-MAC=cc:40:d0:c2:e6:88;CMTS-MAC=00:17:10:9c:da:9a;CM-QOS=1.1;CM-VER=3.0;