

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 a

Starting Frequency

Startup Procedure

Procedure	Status	Comment
Acquire Downstream Channel	441000000 Hz	Locked
Connectivity State	OK	Operational
Boot State	OK	Operational
Security	Enabled	BPI+

Downstream Bonded Channels (Partial Service)

Channel	Lock Status	Modulation	Channel ID	Frequency	Power	SNR	Correctables	Uncorrectables
1	Locked	QAM256	42	441000000 Hz	-6.7 dBmV	41.0 dB	7	26
2	Locked	QAM256	1	519000000 Hz	-7.4 dBmV	40.4 dB	8	25
3	Locked	QAM256	2	525000000 Hz	-7.2 dBmV	40.4 dB	14	19
4	Locked	QAM256	3	531000000 Hz	-7.2 dBmV	40.2 dB	9	24
5	Locked	QAM256	4	537000000 Hz	-6.8 dBmV	40.7 dB	9	25
6	Locked	QAM256	5	543000000 Hz	-6.7 dBmV	40.7 dB	16	17
7	Locked	QAM256	6	555000000 Hz	-6.6 dBmV	40.3 dB	5	28
8	Locked	QAM256	7	561000000 Hz	-6.7 dBmV	40.8 dB	10	23
9	Locked	QAM256	8	567000000 Hz	-6.5 dBmV	40.8 dB	14	19
10	Locked	QAM256	9	573000000 Hz	-5.9 dBmV	39.8 dB	8	25
11	Locked	QAM256	10	579000000 Hz	-5.9 dBmV	41.0 dB	9	24
12	Locked	QAM256	11	585000000 Hz	-5.4 dBmV	41.4 dB	9	24
13	Locked	QAM256	12	591000000 Hz	-5.6 dBmV	41.2 dB	8	25
14	Locked	QAM256	13	597000000 Hz	-5.6 dBmV	41.2 dB	17	16
15	Locked	QAM256	14	603000000 Hz	-5.9 dBmV	41.1 dB	9	24

16	Locked	QAM256	15	609000000 Hz	-5.8 dBmV	41.2 dB	11	22
17	Locked	QAM256	16	615000000 Hz	-6.0 dBmV	41.3 dB	17	16
18	Locked	QAM256	17	621000000 Hz	-6.1 dBmV	41.2 dB	4	29
19	Locked	QAM256	18	627000000 Hz	-6.1 dBmV	41.2 dB	12	21
20	Locked	QAM256	19	633000000 Hz	-6.2 dBmV	41.0 dB	8	25
21	Locked	QAM256	34	489000000 Hz	-6.8 dBmV	40.8 dB	10	23
22	Locked	QAM256	35	495000000 Hz	-7.1 dBmV	40.6 dB	9	24
23	Locked	QAM256	36	507000000 Hz	-7.3 dBmV	40.7 dB	16	17
24	Locked	QAM256	37	513000000 Hz	-7.5 dBmV	40.6 dB	7	26
25	Locked	QAM256	38	465000000 Hz	-6.8 dBmV	40.9 dB	2	31
26	Locked	QAM256	39	471000000 Hz	-6.6 dBmV	41.0 dB	10	23
27	Locked	QAM256	40	477000000 Hz	-6.7 dBmV	40.9 dB	8	25
28	Locked	QAM256	41	483000000 Hz	-6.7 dBmV	40.9 dB	8	25
29	Locked	QAM256	43	447000000 Hz	-6.6 dBmV	40.9 dB	8	25
30	Locked	QAM256	44	453000000 Hz	-6.6 dBmV	40.9 dB	16	17
31	Locked	QAM256	45	459000000 Hz	-6.7 dBmV	40.9 dB	7	26
32	Not Locked	Unknown	0	0 Hz	0.0 dBmV	0.0 dB	0	0

Downstream OFDM Channels

Channel	Lock Status	Profile ID	Channel ID	Frequency	Power	SNR / MER	Active Subcarrier Number Range
1	Locked	0 ,1 ,2 ,3	33	762000000 Hz	-5.7 dBmV	40.0 dB	1108 ~ 2987
2	Not Locked	0	0	0 Hz	0 dBmV	0.0 dB	0 ~ 4095

Event Log

Time	Priority	Description
Sun Jan 09 12:15:53 2022	(Warning (5))	Dynamic Range Window violation
Sun Jan 09 12:15:53 2022	(Warning (5))	RNG-RSP CCAP Commanded Power in Excess of 6 dB Below the Value Corresponding to the Top of the DRW;CM-MAC=08:36:c9:b3:57:e0;CMTS-MAC=00:01:5c:6c:3e:57;CM-QOS=1.1;CM-VER=3.1;
Sun Jan 09 12:15:51 2022	(Critical (3))	No Ranging Response received - T3 time-out;CM-MAC=08:36:c9:b3:57:e0;CMTS-MAC=00:01:5c:6c:3e:57;CM-QOS=1.1;CM-VER=3.1;
Sun Jan 09 12:15:01 2022	(Notice (6))	CM-STATUS message sent. Event Type Code: 1; Chan ID: 37; DSID: N/A; MAC Addr: N/A; OFDM/OFDMA Profile ID: N/A.;CM-MAC=08:36:c9:b3:57:e0;CMTS-MAC=00:01:5c:6c:3e:57;CM-QOS=1.1;CM-VER=3.1;
Sun Jan 09 12:15:00 2022	(Critical (3))	No Ranging Response received - T3 time-out;CM-MAC=08:36:c9:b3:57:e0;CMTS-MAC=00:01:5c:6c:3e:57;CM-QOS=1.1;CM-VER=3.1;
Sun Jan 09 12:14:51 2022	(Warning (5))	MDD message timeout;CM-MAC=08:36:c9:b3:57:e0;CMTS-MAC=00:01:5c:6c:3e:57;CM-QOS=1.1;CM-VER=3.1;
Sun Jan 09 12:14:47 2022	(Notice (6))	CM-STATUS message sent. Event Type Code: 5; Chan ID: 33; DSID: N/A; MAC Addr: N/A; OFDM/OFDMA Profile ID: N/A.;CM-MAC=08:36:c9:b3:57:e0;CMTS-MAC=00:01:5c:6c:3e:57;CM-QOS=1.1;CM-VER=3.1;
Sun Jan 09 12:14:47 2022	(Critical (3))	No Ranging Response received - T3 time-out;CM-MAC=08:36:c9:b3:57:e0;CMTS-MAC=00:01:5c:6c:3e:57;CM-QOS=1.1;CM-VER=3.1;
Sun Jan 09 12:13:40 2022	(Critical (3))	SYNC Timing Synchronization failure - Loss of Sync;CM-MAC=08:36:c9:b3:57:e0;CMTS-MAC=00:01:5c:6c:3e:57;CM-QOS=1.1;CM-VER=3.1;
Sun Jan 09 12:13:40 2022	(Notice (6))	DS profile assignment change. DS Chan ID: 32; Previous Profile: ; New Profile: 1 2 3.;CM-MAC=08:36:c9:b3:57:e0;CMTS-MAC=00:01:5c:6c:3e:57;CM-QOS=1.1;CM-VER=3.1;
Sun Jan 09 12:13:35 2022	(Notice (6))	TLV-11 - unrecognized OID;CM-MAC=08:36:c9:b3:57:e0;CMTS-MAC=00:01:5c:6c:3e:57;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=08:36:c9:b3:57:e0;CMTS-MAC=00:01:5c:6c:3e:57;CM-QOS=1.1;CM-VER=3.1;
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