

BASIC

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Cable Connection

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	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	Uncorrect
1	Locked	QAM256	29	951000000 Hz	-7 dBmV	34 dB	0	0
2	Locked	QAM256	5	807000000 Hz	-5 dBmV	37.2 dB	0	0
3	Locked	QAM256	13	855000000 Hz	-5.9 dBmV	35.9 dB	0	0
4	Locked	QAM256	17	879000000 Hz	-6.3 dBmV	35.4 dB	0	0
5	Locked	QAM256	18	885000000 Hz	-6.1 dBmV	35.5 dB	0	0
6	Locked	QAM256	19	891000000 Hz	-6.5 dBmV	35.2 dB	0	0
7	Locked	QAM256	20	897000000 Hz	-6.6 dBmV	34.9 dB	0	0
8	Locked	QAM256	21	903000000 Hz	-6.3 dBmV	35.1 dB	0	0
9	Locked	QAM256	22	909000000 Hz	-6.4 dBmV	34.9 dB	0	0
10	Locked	QAM256	23	915000000 Hz	-6.5 dBmV	34.8 dB	0	0
11	Locked	QAM256	24	921000000 Hz	-6.4 dBmV	34.8 dB	0	0
12	Locked	QAM256	25	927000000 Hz	-6.2 dBmV	34.8 dB	0	0
13	Locked	QAM256	26	933000000 Hz	-6.5 dBmV	34.6 dB	0	0
14	Locked	QAM256	27	939000000 Hz	-6.5 dBmV	34.6 dB	0	0
15	Locked	QAM256	28	945000000 Hz	-6.5 dBmV	34.5 dB	0	0
16	Locked	QAM256	30	957000000 Hz	-7.2 dBmV	33.8 dB	0	0
17	Locked	QAM256	31	963000000 Hz	-8.8 dBmV	32.4 dB	0	0
18	Locked	QAM256	32	969000000 Hz	-9.1 dBmV	32 dB	0	0
19	Locked	QAM256	33	345000000 Hz	0.9 dBmV	40.8 dB	0	0
20	Locked	QAM256	34	351000000 Hz	1.1 dBmV	41.3 dB	0	0
21	Locked	QAM256	35	357000000 Hz	1.1 dBmV	41.4 dB	0	0
22	Locked	QAM256	36	363000000 Hz	1.1 dBmV	41 dB	0	0
23	Locked	QAM256	37	369000000 Hz	1.1 dBmV	41.3 dB	0	0
24	Locked	QAM256	45	417000000 Hz	-0.1 dBmV	40.8 dB	0	0

Upstream Bonded Channels

Channel	Lock Status	US Channel Type	Channel ID	Symbol Rate	Frequency	Power
1	Locked	ATDMA	1	5120 Ksym/sec	19100000 Hz	41.9 dBmV
2	Locked	ATDMA	2	5120 Ksym/sec	25600000 Hz	41.5 dBmV
3	Locked	ATDMA	3	5120 Ksym/sec	32000000 Hz	41.5 dBmV
4	Locked	ATDMA	4	5120 Ksym/sec	38400000 Hz	43 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: Fri May 20 16:32:04 2022

System Up Time: 19:18:59

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Wireless Setup

Apply

Cancel

Region Selection

Region: United States

Wireless Network (2.4GHz b/g/n)

Enable SSID Broadcast

Name (SSID): NETGEAR15

Channel: Auto Current: 11

Mode: Up to 600 Mbps

Security Options

- None
- WPA2-PSK [AES]
- WPA-PSK [TKIP] + WPA2-PSK [AES]
- WPA/WPA2 Enterprise

Passphrase: festivecream279 (8-63 characters or 64 hex digits)

Wireless Network (5GHz a/n/ac)

Enable SSID Broadcast

Name (SSID): NETGEAR15-5G

Channel: 153 Current: 153

Mode: Up to 1.3 Gbps

Security Options

- None
- WPA2-PSK [AES]
- WPA-PSK [TKIP] + WPA2-PSK [AES]
- WPA/WPA2 Enterprise

Passphrase: festivecream279 (8-63 characters or 64 hex digits)

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2022-5-19, 21:14:46	Critical (3)	UCD invalid or channel unusable;CM-MAC=38:94:ed:3a:56:48;CMTS-MAC=2c:f8:9b:9d:ef:28;CM-QOS=1.1;CM-VER=3.0;
2022-5-19, 21:14:45	Critical (3)	Received Response to Broadcast Maintenance Request, But no Unicast Maintenance opportunities received - T4 time out;CM-MAC=38:94:ed:3a:56:48;CMTS-MAC=2c:f8:9b:9d:ef:28;CM-QOS=1.1;CM-VER=3.0;
2022-5-19, 21:14:00	Critical (3)	UCD invalid or channel unusable;CM-MAC=38:94:ed:3a:56:48;CMTS-MAC=2c:f8:9b:9d:ef:28;CM-QOS=1.1;CM-VER=3.0;
2022-5-19, 21:13:59	Notice (6)	TLV-11 - unrecognized OID;CM-MAC=38:94:ed:3a:56:48;CMTS-MAC=2c:f8:9b:9d:ef:28;CM-QOS=1.1;CM-VER=3.0;
2022-5-19, 21:13:58	Critical (3)	UCD invalid or channel unusable;CM-MAC=38:94:ed:3a:56:48;CMTS-MAC=2c:f8:9b:9d:ef:28;CM-QOS=1.1;CM-VER=3.0;
1970-1-1, 00:00:52	Critical (3)	UCD invalid or channel unusable;CM-MAC=38:94:ed:3a:56:48;CMTS-MAC=2c:f8:9b:9d:ef:28;CM-QOS=1.0;CM-VER=3.0;
1970-1-1, 00:00:52	Warning (5)	DHCP WARNING - Non-critical field invalid in response ;CM-MAC=38:94:ed:3a:56:48;CMTS-MAC=2c:f8:9b:9d:ef:28;CM-QOS=1.0;CM-VER=3.0;
1970-1-1, 00:00:50	Critical (3)	UCD invalid or channel unusable;CM-MAC=38:94:ed:3a:56:48;CMTS-MAC=2c:f8:9b:9d:ef:28;CM-QOS=1.0;CM-VER=3.0;
1970-1-1, 00:00:49	Notice (6)	Honoring MDD; IP provisioning mode = IPv4
1970-1-1, 00:00:40	Critical (3)	UCD invalid or channel unusable;CM-MAC=38:94:ed:3a:56:48;CMTS-MAC=2c:f8:9b:9d:ef:28;CM-QOS=1.0;CM-VER=3.0;
1970-1-1, 00:00:40	Notice (6)	WiFi Interface [wl1] set to Channel 153 (Side-Band Channel:N/A) - Reason:INIT
1970-1-1, 00:00:40	Notice (6)	WiFi Interface [wl0] set to Channel 1 (Side-Band Channel:N/A) - Reason:INIT
1970-1-1, 00:00:38	Critical (3)	UCD invalid or channel unusable;CM-MAC=38:94:ed:3a:56:48;CMTS-MAC=2c:f8:9b:9d:ef:28;CM-QOS=1.0;CM-VER=3.0;
1970-1-1, 00:00:37	Critical (3)	SYNC Timing Synchronization failure - Failed to acquire QAM/QPSK symbol timing; ;CM-MAC=38:94:ed:3a:56:48;CMTS-MAC=00:00:00:00:00:00;CM-QOS=1.0;CM-VER=3.0;
2022-5-19, 21:09:08	Critical (3)	UCD invalid or channel unusable;CM-MAC=38:94:ed:3a:56:48;CMTS-MAC=2c:f8:9b:9d:ef:28;CM-QOS=1.1;CM-VER=3.0;
2022-5-19, 21:08:52	Critical (3)	UCD invalid or channel unusable;CM-MAC=38:94:ed:3a:56:48;CMTS-MAC=2c:f8:9b:9d:ef:28;CM-QOS=1.1;CM-VER=3.0;
2022-5-19, 21:08:51	Critical (3)	UCD invalid or channel unusable;CM-MAC=38:94:ed:3a:56:48;CMTS-MAC=2c:f8:9b:9d:ef:28;CM-QOS=1.1;CM-VER=3.0;
2022-5-19, 21:08:49	Critical (3)	UCD invalid or channel unusable;CM-MAC=38:94:ed:3a:56:48;CMTS-MAC=2c:f8:9b:9d:ef:28;CM-QOS=1.0;CM-VER=3.0;
2022-5-19, 21:08:40	Critical (3)	UCD invalid or channel unusable;CM-MAC=38:94:ed:3a:56:48;CMTS-MAC=2c:f8:9b:9d:ef:28;CM-QOS=1.0;CM-VER=3.0;
2022-5-19, 21:08:37	Critical (3)	UCD invalid or channel unusable;CM-MAC=38:94:ed:3a:56:48;CMTS-MAC=00:00:00:00:00:00;CM-QOS=1.0;CM-VER=3.0;
2022-5-19, 21:08:34	Critical (3)	UCD invalid or channel unusable;CM-MAC=38:94:ed:3a:56:48;CMTS-MAC=2c:f8:9b:9d:ef:28;CM-QOS=1.1;CM-VER=3.0;
2022-5-19, 21:08:34	Critical (3)	Received Response to Broadcast Maintenance Request, But no Unicast Maintenance opportunities received - T4 time out;CM-MAC=38:94:ed:3a:56:48;CMTS-MAC=2c:f8:9b:9d:ef:28;CM-QOS=1.1;CM-VER=3.0;
2022-5-19, 21:08:34	Critical (3)	UCD invalid or channel unusable;CM-MAC=38:94:ed:3a:56:48;CMTS-MAC=2c:f8:9b:9d:ef:28;CM-QOS=1.1;CM-VER=3.0;

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Time	Priority	Description
2022-5-20, 08:44:01	Critical (3)	UCD invalid or channel unusable;CM-MAC=38:94:ed:3a:56:48;CMTS-MAC=2c:f8:9b:9d:ef:28;CM-QOS=1.1;CM-VER=3.0;
2022-5-20, 08:44:00	Critical (3)	Received Response to Broadcast Maintenance Request, But no Unicast Maintenance opportunities received - T4 time out;CM-MAC=38:94:ed:3a:56:48;CMTS-MAC=2c:f8:9b:9d:ef:28;CM-QOS=1.1;CM-VER=3.0;
2022-5-20, 08:43:13	Critical (3)	UCD invalid or channel unusable;CM-MAC=38:94:ed:3a:56:48;CMTS-MAC=2c:f8:9b:9d:ef:28;CM-QOS=1.1;CM-VER=3.0;
2022-5-20, 08:43:11	Notice (6)	TLV-11 - unrecognized OID;CM-MAC=38:94:ed:3a:56:48;CMTS-MAC=2c:f8:9b:9d:ef:28;CM-QOS=1.1;CM-VER=3.0;
2022-5-20, 08:43:11	Critical (3)	UCD invalid or channel unusable;CM-MAC=38:94:ed:3a:56:48;CMTS-MAC=2c:f8:9b:9d:ef:28;CM-QOS=1.1;CM-VER=3.0;
2022-5-20, 08:43:11	Warning (5)	DHCP WARNING - Non-critical field invalid in response ;CM-MAC=38:94:ed:3a:56:48;CMTS-MAC=2c:f8:9b:9d:ef:28;CM-QOS=1.1;CM-VER=3.0;
2022-5-20, 08:43:08	Critical (3)	UCD invalid or channel unusable;CM-MAC=38:94:ed:3a:56:48;CMTS-MAC=2c:f8:9b:9d:ef:28;CM-QOS=1.0;CM-VER=3.0;
2022-5-20, 08:43:07	Notice (6)	Honoring MDD: IP provisioning mode = IPv4
2022-5-20, 08:42:58	Critical (3)	UCD invalid or channel unusable;CM-MAC=38:94:ed:3a:56:48;CMTS-MAC=2c:f8:9b:9d:ef:28;CM-QOS=1.0;CM-VER=3.0;
2022-5-20, 08:42:55	Critical (3)	UCD invalid or channel unusable;CM-MAC=38:94:ed:3a:56:48;CMTS-MAC=00:00:00:00:00:00;CM-QOS=1.0;CM-VER=3.0;
2022-5-20, 08:42:53	Critical (3)	Received Response to Broadcast Maintenance Request, But no Unicast Maintenance opportunities received - T4 time out;CM-MAC=38:94:ed:3a:56:48;CMTS-MAC=2c:f8:9b:9d:ef:28;CM-QOS=1.1;CM-VER=3.0;
2022-5-20, 08:40:44	Critical (3)	UCD invalid or channel unusable;CM-MAC=38:94:ed:3a:56:48;CMTS-MAC=2c:f8:9b:9d:ef:28;CM-QOS=1.1;CM-VER=3.0;
2022-5-20, 08:40:43	Critical (3)	Started Unicast Maintenance Ranging - No Response received - T3 time-out;CM-MAC=38:94:ed:3a:56:48;CMTS-MAC=2c:f8:9b:9d:ef:28;CM-QOS=1.1;CM-VER=3.0;
2022-5-20, 08:40:43	Critical (3)	UCD invalid or channel unusable;CM-MAC=38:94:ed:3a:56:48;CMTS-MAC=2c:f8:9b:9d:ef:28;CM-QOS=1.1;CM-VER=3.0;
2022-5-20, 08:40:42	Warning (5)	MDD message timeout;CM-MAC=38:94:ed:3a:56:48;CMTS-MAC=2c:f8:9b:9d:ef:28;CM-QOS=1.1;CM-VER=3.0;
2022-5-20, 00:24:15	Critical (3)	UCD invalid or channel unusable;CM-MAC=38:94:ed:3a:56:48;CMTS-MAC=2c:f8:9b:9d:ef:28;CM-QOS=1.1;CM-VER=3.0;
2022-5-20, 00:24:14	Notice (6)	WiFi Interface [w0] set to Channel 11 (Side-Band Channel.N/A) - Reason:INTERFERENCE
2022-5-19, 21:14:46	Critical (3)	UCD invalid or channel unusable;CM-MAC=38:94:ed:3a:56:48;CMTS-MAC=2c:f8:9b:9d:ef:28;CM-QOS=1.1;CM-VER=3.0;
2022-5-19, 21:14:45	Critical (3)	Received Response to Broadcast Maintenance Request, But no Unicast Maintenance opportunities received - T4 time out;CM-MAC=38:94:ed:3a:56:48;CMTS-MAC=2c:f8:9b:9d:ef:28;CM-QOS=1.1;CM-VER=3.0;
2022-5-19, 21:14:00	Critical (3)	UCD invalid or channel unusable;CM-MAC=38:94:ed:3a:56:48;CMTS-MAC=2c:f8:9b:9d:ef:28;CM-QOS=1.1;CM-VER=3.0;
2022-5-19, 21:13:59	Notice (6)	TLV-11 - unrecognized OID;CM-MAC=38:94:ed:3a:56:48;CMTS-MAC=2c:f8:9b:9d:ef:28;CM-QOS=1.1;CM-VER=3.0;
2022-5-19, 21:13:58	Critical (3)	UCD invalid or channel unusable;CM-MAC=38:94:ed:3a:56:48;CMTS-MAC=2c:f8:9b:9d:ef:28;CM-QOS=1.1;CM-VER=3.0;
		UCD invalid or channel unusable;CM-

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