

Cable Diagnostic

Status: Good

Action: Your setup looks fine. If you are still experience an internet issue, the Netgear Cable Knowledge Base can provide additional troubleshooting info.

Internet Access:

Downstream Status:

Upstream Status:

Refresh Save Cable Diagnostic Info

Advanced Information

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

519000000

Startup Procedure

Procedure	Status	Comment
Acquire Downstream Channel	519 MHz	Locked
Connectivity State	OK	Operational
Boot State	OK	Operational
Security	Enabled	BPI+

Downstream Bonded Channels

Channel	Lock	Status	Modulation	Channel ID	Frequency	Power	SNR
Correctables		Uncorrectables					
1	Locked	256	QAM 20	519000000 Hz	0.4 dBmV	45.1 dB	270 379
2	Locked	256	QAM 13	471000000 Hz	-0.7 dBmV	44.9 dB	320 401
3	Locked	256	QAM 14	477000000 Hz	-0.4 dBmV	44.9 dB	229 430
4	Locked	256	QAM 15	483000000 Hz	-0.1 dBmV	45.1 dB	285 398
5	Locked	256	QAM 16	489000000 Hz	0.2 dBmV	45.1 dB	345 358
6	Locked	256	QAM 17	495000000 Hz	0.5 dBmV	45.1 dB	281 371
7	Locked	256	QAM 18	507000000 Hz	0.7 dBmV	45.3 dB	297 329
8	Locked	256	QAM 19	513000000 Hz	0.6 dBmV	45.2 dB	248 369
9	Locked	256	QAM 21	525000000 Hz	0.0 dBmV	45.0 dB	325 350
10	Locked	256	QAM 22	531000000 Hz	-0.5 dBmV	44.7 dB	319 372
11	Locked	256	QAM 23	537000000 Hz	-0.6 dBmV	44.6 dB	315 378
12	Locked	256	QAM 24	543000000 Hz	-0.8 dBmV	44.6 dB	343 371
13	Locked	256	QAM 25	549000000 Hz	-0.7 dBmV	44.5 dB	269 430
14	Locked	256	QAM 26	555000000 Hz	-0.9 dBmV	44.4 dB	316 370
15	Locked	256	QAM 27	561000000 Hz	-0.9 dBmV	44.4 dB	265 421
16	Locked	256	QAM 28	567000000 Hz	-1.2 dBmV	44.3 dB	278 401
17	Locked	256	QAM 29	573000000 Hz	-1.7 dBmV	44.0 dB	271 422
18	Locked	256	QAM 30	579000000 Hz	-2.1 dBmV	43.8 dB	273 405
19	Locked	256	QAM 31	585000000 Hz	-2.6 dBmV	43.4 dB	285 384
20	Locked	256	QAM 32	591000000 Hz	-3.0 dBmV	43.2 dB	345 405
21	Locked	256	QAM 33	597000000 Hz	-3.2 dBmV	42.9 dB	277 443
22	Locked	256	QAM 34	603000000 Hz	-3.4 dBmV	42.7 dB	360 393

23	Locked	256 QAM	35	609000000	Hz	-3.5 dBmV	42.8 dB	328	457
24	Locked	256 QAM	36	615000000	Hz	-3.5 dBmV	42.8 dB	328	422
25	Locked	256 QAM	37	621000000	Hz	-3.2 dBmV	43.0 dB	364	473
26	Locked	256 QAM	38	627000000	Hz	-3.0 dBmV	43.0 dB	345	427
27	Locked	256 QAM	39	633000000	Hz	-2.8 dBmV	43.1 dB	277	464
28	Locked	256 QAM	40	639000000	Hz	-3.0 dBmV	43.0 dB	310	453
29	Locked	256 QAM	41	645000000	Hz	-3.2 dBmV	42.9 dB	301	463
30	Locked	256 QAM	42	651000000	Hz	-3.1 dBmV	42.8 dB	293	445
31	Locked	256 QAM	43	657000000	Hz	-3.1 dBmV	42.9 dB	333	435
32	Locked	256 QAM	44	663000000	Hz	-2.9 dBmV	42.7 dB	268	444

Upstream Bonded Channels

Channel	Lock	Status	US	Channel Type	Channel ID	Symbol Rate	Frequency	Power
1	Locked	ATDMA	4	5120 Ksym/sec	16400000	Hz	46.8 dBmV	
2	Locked	ATDMA	2	5120 Ksym/sec	29200000	Hz	46.8 dBmV	
3	Locked	ATDMA	3	5120 Ksym/sec	22800000	Hz	46.5 dBmV	
4	Locked	ATDMA	1	5120 Ksym/sec	35600000	Hz	46.3 dBmV	
5	Locked	ATDMA	5	2560 Ksym/sec	40400000	Hz	49.5 dBmV	
6	Locked	ATDMA	6	2560 Ksym/sec	10400000	Hz	51.0 dBmV	
7	Not Locked	Unknown	0	0	0	0.0 dBmV		
8	Not Locked	Unknown	0	0	0	0.0 dBmV		

Downstream OFDM Channels

Channel	Lock	Status	Modulation / Profile ID	Channel ID	Frequency	Power	SNR / MER	Active Subcarrier Number Range	Unerrored Codewords	Correctable Codewords	Uncorrectable Codewords
1	Locked	0	,1 ,2 ,3	193	722000000	Hz	-4.22 dBmV	42.1 dB	1108		
~ 2987		69183549710		48611669644	471						
2	Not Locked	0	0	0	0 Hz	0 dBmV	0 dB	0 ~ 4095	0		
0		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

Current System Time: Mon Jan 29 10:00:06 2024
System Up Time: 28 days 00:51:45