

Startup Procedure

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Procedure Status      Comment
Acquire Downstream Channel 423000000 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		Uncorrectable					
1	Locked	QAM 256	1	423000000	Hz	-1.0 dBmV	40.9 dB
	7	0					
2	Locked	QAM 256	2	429000000	Hz	-1.5 dBmV	40.3 dB
	0	0					
3	Locked	QAM 256	3	435000000	Hz	-2.0 dBmV	40.9 dB
	0	0					
4	Locked	QAM 256	4	441000000	Hz	-2.2 dBmV	40.3 dB
	0	0					
5	Locked	QAM 256	5	447000000	Hz	-2.0 dBmV	40.3 dB
	0	0					
6	Locked	QAM 256	6	453000000	Hz	-1.9 dBmV	40.3 dB
	0	0					
7	Locked	QAM 256	7	459000000	Hz	-2.2 dBmV	38.9 dB
	0	0					
8	Locked	QAM 256	8	465000000	Hz	-2.7 dBmV	38.9 dB
	0	0					
9	Locked	QAM 256	9	471000000	Hz	-3.2 dBmV	38.6 dB
	0	0					
10	Locked	QAM 256	10	477000000	Hz	-3.5 dBmV	37.3 dB
	7	31					
11	Locked	QAM 256	11	483000000	Hz	-4.0 dBmV	36.6 dB
	181	118					
12	Locked	QAM 256	12	489000000	Hz	-4.2 dBmV	36.6 dB
	172	1952					
13	Locked	QAM 256	13	495000000	Hz	-3.9 dBmV	36.6 dB
	1150	8207					
14	Locked	QAM 256	14	507000000	Hz	-2.5 dBmV	38.9 dB
	29	0					
15	Locked	QAM 256	15	513000000	Hz	-2.2 dBmV	38.9 dB
	0	0					
16	Locked	QAM 256	16	519000000	Hz	-2.0 dBmV	40.9 dB
	0	0					
17	Locked	QAM 256	17	525000000	Hz	-1.5 dBmV	40.3 dB
	0	0					
18	Locked	QAM 256	18	531000000	Hz	-1.2 dBmV	38.9 dB
	0	0					
19	Locked	QAM 256	19	543000000	Hz	-1.0 dBmV	40.3 dB
	0	0					
20	Locked	QAM 256	20	549000000	Hz	-1.0 dBmV	40.9 dB
	0	0					
21	Locked	QAM 256	21	555000000	Hz	-1.0 dBmV	40.9 dB
	0	0					
22	Locked	QAM 256	22	561000000	Hz	-1.2 dBmV	40.3 dB
	0	0					

23	Locked	QAM 256	23	567000000 Hz	-1.2 dBmV	37.6 dB
	0	0				
24	Locked	QAM 256	24	573000000 Hz	-1.0 dBmV	38.9 dB
	0	0				
25	Locked	QAM 256	25	579000000 Hz	-1.0 dBmV	40.3 dB
	0	0				
26	Locked	QAM 256	26	585000000 Hz	-1.0 dBmV	40.3 dB
	0	0				
27	Locked	QAM 256	27	591000000 Hz	-0.9 dBmV	40.3 dB
	0	0				
28	Locked	QAM 256	28	597000000 Hz	-0.9 dBmV	40.9 dB
	0	0				
29	Locked	QAM 256	29	603000000 Hz	-1.0 dBmV	40.9 dB
	0	0				
30	Locked	QAM 256	30	609000000 Hz	-1.0 dBmV	40.9 dB
	0	0				
31	Locked	QAM 256	31	615000000 Hz	-1.0 dBmV	40.9 dB
	0	0				
32	Locked	QAM 256	32	621000000 Hz	-1.0 dBmV	40.9 dB
	0	0				

Upstream Bonded Channels

Channel	Lock	Status	US	Channel	Type	Channel ID	Symbol	Rate	Frequency	Power
1	Locked	ATDMA 1	2560	Ksym/sec	10400000	Hz	47.0	dBmV		
2	Locked	ATDMA 2	5120	Ksym/sec	16400000	Hz	44.3	dBmV		
3	Locked	ATDMA 3	5120	Ksym/sec	22800000	Hz	43.8	dBmV		
4	Locked	ATDMA 4	5120	Ksym/sec	29200000	Hz	44.3	dBmV		
5	Locked	ATDMA 5	5120	Ksym/sec	35600000	Hz	45.8	dBmV		
6	Locked	ATDMA 6	2560	Ksym/sec	40400000	Hz	49.8	dBmV		
7	Not Locked	N/A	Unknown	0	Ksym/sec	0	Hz	0.0	dBmV	
8	Not Locked	N/A	Unknown	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
1	Locked	3	159	722000000 Hz	-3.0 dBmV	40.8 dB			
	1246~2849	0	0	0					
2	Not Locked	0	0	0 Hz	0.0 dBmV	0.0 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	0.0 dBmV		
2	Not Locked	0	0	0 Hz	0.0 dBmV		