



RELEASE NOTES

Firmware revision: 10.6.11

13 October 2021

Contents

1. Fiber features	2
1.1. OneCheck Fiber	2
2. Copper features	2
3. DSL features	2
4. Base features	2
4.1. OneCheck WiFi	2
4.2. OneCheck Ethernet	3
5. Revision Info	3
5.1. Software bundle ONX580.....	3
5.2. ADSL/VDSL Broadcom Modem, B/N ONX580-BDCM-DSL-BONDED	3
5.3. ADSL/VDSL Broadcom Modem, B/N ONX580-BDCM-DSL-ANXAB	3
5.4. ADSL/VDSL/G.fast Broadcom Modem, B/N ONX-BDCM-GFAST	3
5.5. ADSL/VDSL Broadcom/G.fast Sckipio Modem, B/N ONX-TM-GFAST.....	3
5.6. ADSL/VDSL Broadcom G.fast Modem, B/N ONX-TM-212 Series.....	4
6. Resolved issues	4
6.1. General	4



RELEASE NOTES

Firmware revision: 10.6.11

13 October 2021

Feature Enhancements

1. Fiber features

1.1. OneCheck Fiber

- Updated layout of reports.
- No longer cancels test when clicking outside a pop-up dialogue box.
- Simplified technician input when no OTDR test is to be ran.
- When viewing test results – first test is automatically selected and expanded.
- Added wavelength selection to profile editor for MP 60/80.

2. Copper features

- OneCheck TDR tests available as a cloneable configuration via StrataSync
- Add a resistance mode selection to Copper OneCheck
- Copper Spectral Power Harmonics on 580P go out to 4,080 Hz
- POTS Closeout script supports more than one loss tone frequency.
 - Supporting 404, 1004, & 2804 Hz individually or one after another.
- G2 WB filter added for noise in the OneCheck Copper
 - Added G2 Filter to the Wideband Noise menu
- For the Upstream & Downstream Band Noise, added a selection to choose the result format between dBm or dBm/Hz. – selection is retained for ease of use
- Resistance - Add setting for units of measure
 - "Ohms Resolution" with following values: "High" (show 1 ohm resolution up to 9999 ohms), "Low" (100 ohm resolution) - Default value is "High"
- Saved screenshots added to PDF reports – adds additional context to reports

3. DSL features

- Added cable gauge to rate reach data
- Added serial number for secondary pair on bonded connections (for the 63138 and 63158 chipsets only)
- Saved screenshots added to PDF reports – adds additional context to reports
- Improved wording in xDSL UI for VDSL Tones per band

Previous Description	Updated Description
Use Data from Negotiated Band Definitions	Use bands defined during training
Use Real - Time Data	Use bands defined at Showtime

4. Base features

4.1. OneCheck WiFi

- No longer cancels test when clicking outside a pop-up dialogue box.



RELEASE NOTES

Firmware revision: 10.6.11

13 October 2021

4.2. OneCheck Ethernet

- No longer cancels test when clicking outside a pop-up dialogue box.

5. Revision Info

5.1. Software bundle ONX580.

- Base: 10.6.11
- Access: 10.6.11
- Broadcom 63168 Modem (Annex A Bonded): 001.022.001
- Broadcom 63168 Modem (Annex A/B): 001.022.001
- Broadcom 63138 Modem: 002.000.006
- Broadcom 63158 Modem: 002.000.004
- Sckipio SCK1001 Modem: 005.128.001
- Sckipio SCK23502 Modem: 007.004.006

5.2. ADSL/VDSL Broadcom Modem, B/N ONX580-BDCM-DSL-BONDED

	Modem SW	Modem PHY
Annex A	4.12L.07.MP.22	A2pv6F039w1.d26k1
Bonded	4.12L.07.BND.22	A2pvbF039x1.d26k1

5.3. ADSL/VDSL Broadcom Modem, B/N ONX580-BDCM-DSL-ANXAB

	Modem SW	Modem PHY
Annex A	4.12L.07.MP.22	A2pv6F039w1.d26k1
Annex B	4.12L.07.MPANXB.22	B2pv6F039v.d26k1

5.4. ADSL/VDSL/G.fast Broadcom Modem, B/N ONX-BDCM-GFAST

	Modem SW	Modem PHY
Annex A	5.02L.07p2.MP.5	A2pvfbH046y1.d27m
Annex B	5.02L.07p2.MPANXB.5	B2pvfbH046x.d27m
Bonded	5.02L.07p2.BND.5	A2pvfbH046y1.d27m
G.Fast	5.02L.07p2.MP.5	A2pvfbH046y1.d27m

5.5. ADSL/VDSL Broadcom/G.fast Sckipio Modem, B/N ONX-TM-GFAST

	Modem SW	Modem PHY
Annex A	5.02L.07p2.MP.5	A2pvfbH046y1.d27m
Annex B	5.02L.07p2.MPANXB.5	B2pvfbH046x.d27m
Bonded	5.02L.07p2.BND.5	A2pvfbH046y1.d27m
Broadcom G.Fast	5.02L.07p2.MP.5	A2pvfbH046y1.d27m



RELEASE NOTES

Firmware revision: 10.6.11

13 October 2021

Sckipio G.Fast	2.5.128	
----------------	---------	--

5.6. ADSL/VDSL Broadcom G.fast Modem, B/N ONX-TM-212 Series

	Modem SW	Modem PHY
Annex A	5.02L.07p2.MP.3	A2pvfbK047g.d27m
Bonded	5.02L.07p2.BND.3	A2pvfbK047g.d27m
Broadcom G.Fast	5.02L.07p2.MP.3	A2pvfbK047g.d27m

6. Resolved issues

6.1. General

- General bug fixes