



Annual Meeting of Stockholders

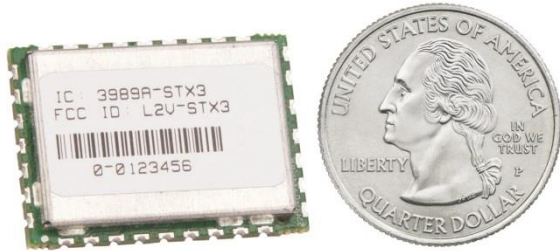
May 28, 2015

Safe Harbor Language

This presentation contains certain statements that are “forward-looking statements” within the meaning of the Private Securities Litigation Reform Act of 1995. These forward-looking statements are based on current expectations and assumptions that are subject to risks and uncertainties which may cause actual results to differ materially from the forward-looking statements. Forward-looking statements, such as the statements regarding our expectations with respect to actions by the FCC, future increases in our revenue and profitability and other statements contained in this presentation regarding matters that are not historical facts, involve predictions.

Any forward-looking statements made in this presentation are accurate as of the date made and are not guarantees of future performance. Actual results or developments may differ materially from the expectations expressed or implied in the forward-looking statements, and we undertake no obligation to update any such statements. Additional information on factors that could influence our financial results is included in our filings with the Securities and Exchange Commission, including our Annual Report on Form 10-K, Quarterly Reports on Form 10-Q and Current Reports on Form 8-K.

2014 Year-End Review



STX3 LAUNCHED

SMALLEST M2M TRANSMITTER

**3,000+
WORLDWIDE
RESCUES**

LIFE SAVING
SPOT
PRODUCTS



GLOBALSTAR 9600™

SMALLEST DATA HOTSPOT



TLPS

**AUTHORITY EXPECTED
SHORTLY**

**GEOGRAPHICAL
EXPANSION:**

**CENTRAL AND
SOUTH AMERICA**



**NEW GATEWAY
CONSTRUCTED IN
BOTSWANA**



APRIL 2014

LISTED ON NYSE

GLOBALSTAR SAT-FI®

GROUND BREAKING TECHNOLOGY

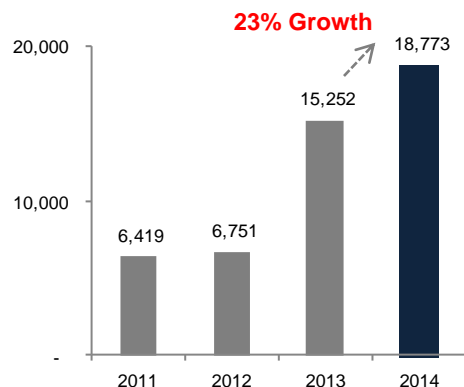
WIRELESS BEYOND CELLULAR



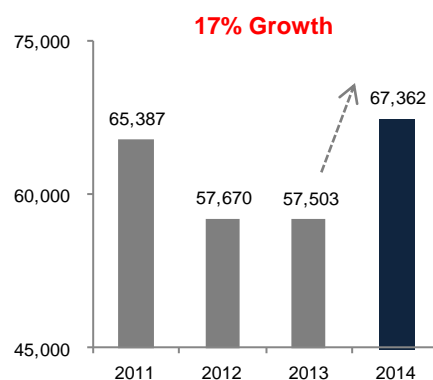
2014 Financial Performance

Voice and Data Highlights

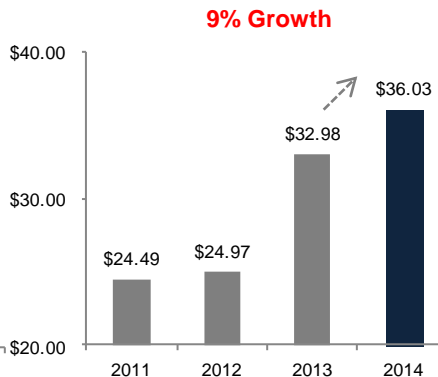
Gross Adds



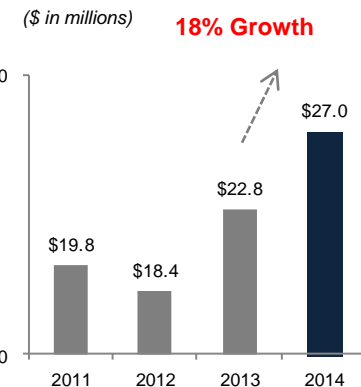
Adjusted Ending Subscribers⁽¹⁾



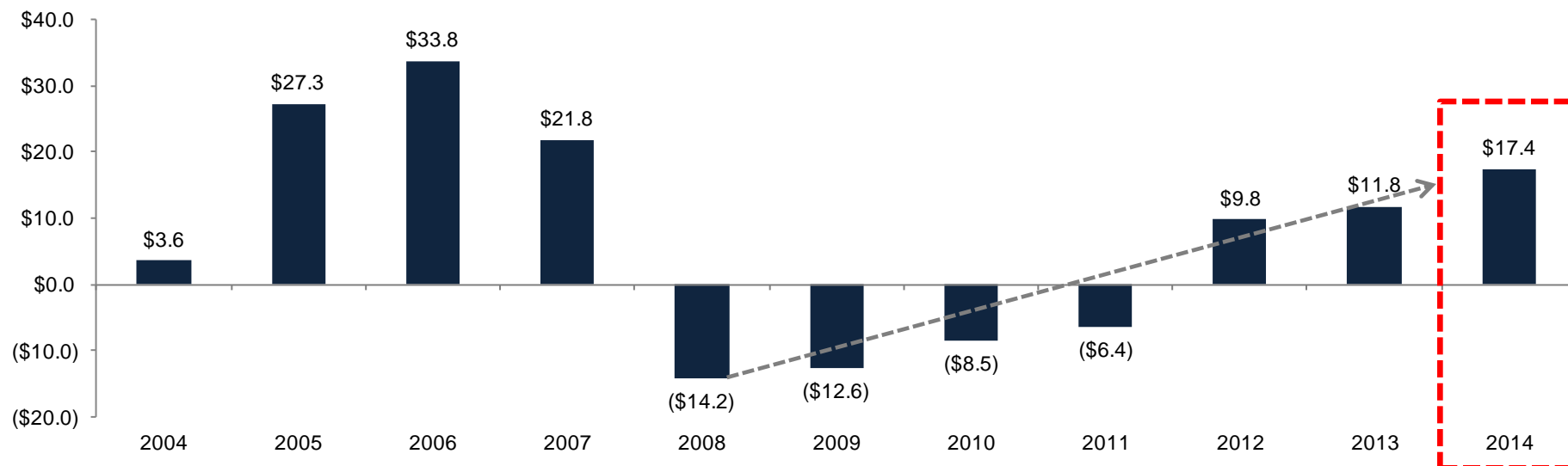
Adjusted ARPU⁽¹⁾



Service Revenue



Adjusted EBITDA⁽²⁾





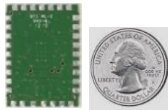



(1) Adjusted for deactivation of approximately 26,000 suspended or non-paying subscribers in Q1 2014.

(2) Adjusted to exclude non-cash compensation expense, reduction in the value of assets, foreign exchange (gains)/losses, R&D costs associated with the development of new products and certain other one-time charges. See reconciliation to GAAP Net Income (loss) on Annex A.

Globalstar's Select Product Portfolio

Globalstar has a full product suite supporting both one-way and two-way communications beyond the range of traditional cellular services.

	<i>Duplex</i>		<i>SPOT</i>		<i>Simplex</i>	
	GSP 1700 / SPOT Global Phone	Sat-Fi	SPOT Gen3	SPOT Trace	STX3	SmartOne C
Image						
Features	<ul style="list-style-type: none"> • Portable two-way satellite phone with full voice and data capabilities • While the GSP-1700 targets the commercial market segment, the SPOT Global phone is consumer-focused 	<ul style="list-style-type: none"> • Connects any Wi-Fi enabled device to Globalstar's satellite network for voice and data services beyond the range of cellular networks • Targets boaters, emergency responders, oil & gas workers, miners, ranchers etc. • Later version will be targeted towards the mass consumer market 	<ul style="list-style-type: none"> • Flexibility to outdoor enthusiasts to send pre-defined messages & GPS coordinates while off the grid • Battery life 2x SPOT 2 – enhanced customization features – smaller form factor • USB for line power eliminates need for battery replacement 	<ul style="list-style-type: none"> • Traces the path of anything, anytime, anywhere for consumer assets • Key applications include theft prevention • Extreme Tracking offered at \$99.99 per year 	<ul style="list-style-type: none"> • World's smallest M2M transmitter • Enables VARs and OEMs to develop smaller, more efficient M2M solutions • Applications include wide range of assets including LPG tanks, water tanks, vehicles, etc. 	<ul style="list-style-type: none"> • Compact, robust device provides connectivity for assets of any kind, whether fixed or mobile, virtually anywhere including areas well beyond cellular coverage • Creates new opportunities for customers to leverage the power of the Internet of Things (IoT)

Core MSS Addressable Market



No terrestrial network

Areas outside cellular networks

- Connectivity to **two billion people** who live, work and/or play in areas not covered by cellular service
- Over **150 million adventure trips** taken annually ⁽¹⁾
- **75% world's land mass** is without terrestrial cellular coverage ⁽²⁾



Failure of terrestrial network

Critical mobile satellite services during disasters

- Provides alternative network access in areas prone to **natural disasters**
- **Provides public safety** with needed connectivity when cellular service is down due to overloaded / failed infrastructure
- Enables basic services, NGOs, **emergency response** and business continuity



Existing terrestrial network

Asset tracking / low cost alternative to international roaming

- Provides the ability to **track anything, anywhere, anytime** globally
- Provides **low cost alternative to international roaming** when traveling abroad
 - \$2 – \$3 per minute with traditional cellular companies vs. \$0.12 per minute on Globalstar's unlimited usage plans ⁽³⁾



Source: *Adventure Tourism Market Report* by George Washington University, Adventure Travel Trade Association, Xola Consulting, Informa Telecoms & Media.

(1) Adventure Tourism Market Report by George Washington University, Adventure Travel Trade Association, Xola Consulting. Statistic based on survey conducted with participants in Latin America, North America, and Europe.

(2) CIA World Factbook, as of 2010.

(3) Based on plan "Evolution III" at \$49.99 / month assuming 400 minutes per month of usage.

Key Elements of Second-Generation Ground Network

Increased Data Speeds

- Downlink throughput increased from 9.6 to up to 256 kbps
- Enables new applications including web browsing
- 25x current speeds, 100x vs. competition

Gateway Diversity

- Expands coverage footprint
- Increases service quality
- Improves call completion rates



Improved Products

- Smaller data boards
- Less expensive components – material reduction in pricing
- Increased ease of integration into other devices / products

Enhanced Capacity

- Voice and data capacity increase materially
- Increased ability to service a large sub base with expanding data demands

Satellite Product Evolution and New Products

Legacy / Existing Product Line

Duplex

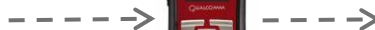
GSP 1600



GSP 1700



Commercial Sat-Fi



Simplex

Satellite Transmitter Unit



STX2



STX3



SPOT

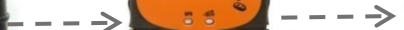
SPOT Personal Tracker



SPOT 2



SPOT 3



New Products: Second-Generation

Consumer Sat-Fi

- Mass-market product that turns any Wi-Fi enabled device into a satellite phone
- Expands Globalstar addressable market through reduced BOM and additional features

Dual Simplex

- First-of-its-kind, two-way small bit data device
- Provides command and control functionality

Two-Way SPOT

- Two-way data communication device targeted towards the mass consumer market
- Tracking and two-way texting capabilities for emergency and off-the-grid communications

Terrestrial Low Power Service (“TLPS”)

What is TLPS?

- Utilizes a 22 MHz wide Channel 14 in 2.4 GHz including 11.5 MHz on a licensed and 10.5 MHz on an unlicensed basis
- Uniquely can leverage existing Wi-Fi ecosystem

Where can TLPS be deployed?

- Domestic – Single license covering all of U.S.
- Rest of World – subject to local regulatory requirements

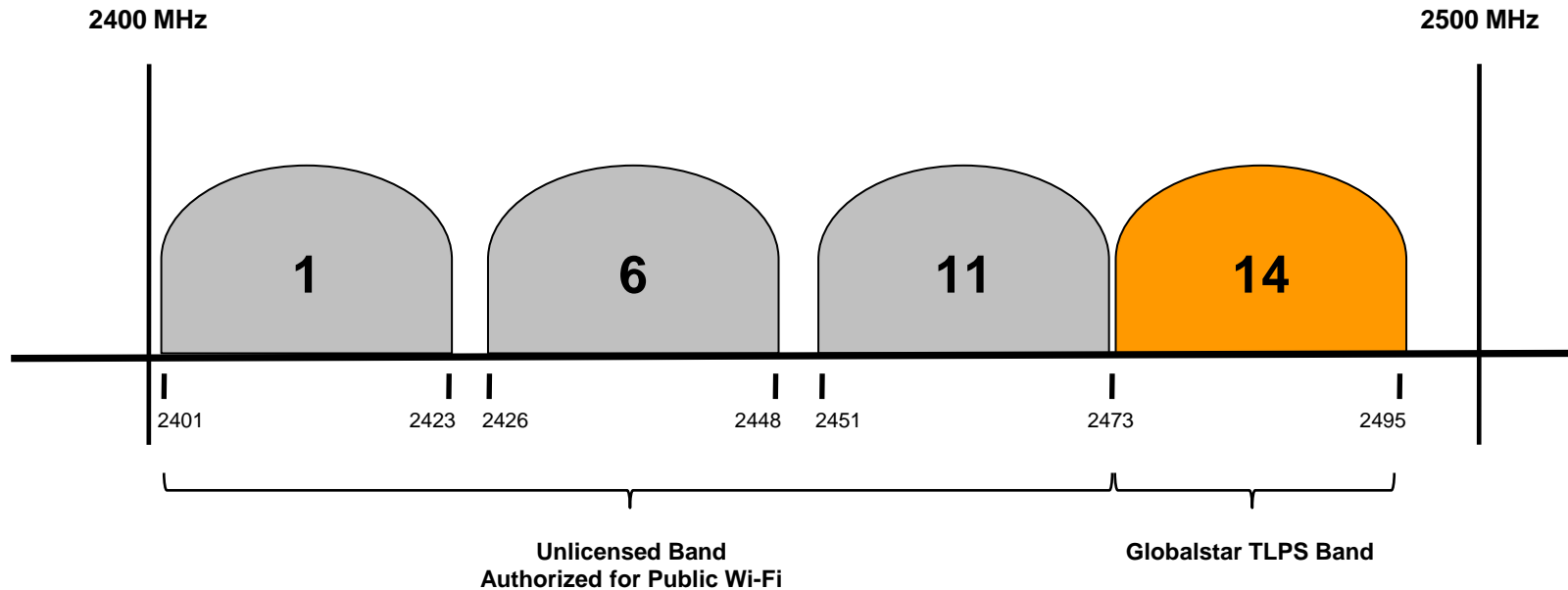
TLPS technical characteristics

- Clean, quiet spectrum avoids acute co-channel interferences / high noise floor of traditional 2.4 GHz Wi-Fi – most wireless traffic takes place over 3 channels in 2.4 GHz ISM band
- Superior capacity and performance
 - 5-7x more effective capacity versus public Wi-Fi
 - Performance differential heightened in dense, metropolitan areas
 - Enhanced security capability
 - Ability to operate a managed, controlled network with Network Operating System (NOS)
- Not limited by high attenuation factor of 5 GHz Wi-Fi

TLPS Channelization

TLPS is secure, high performance wireless broadband resource

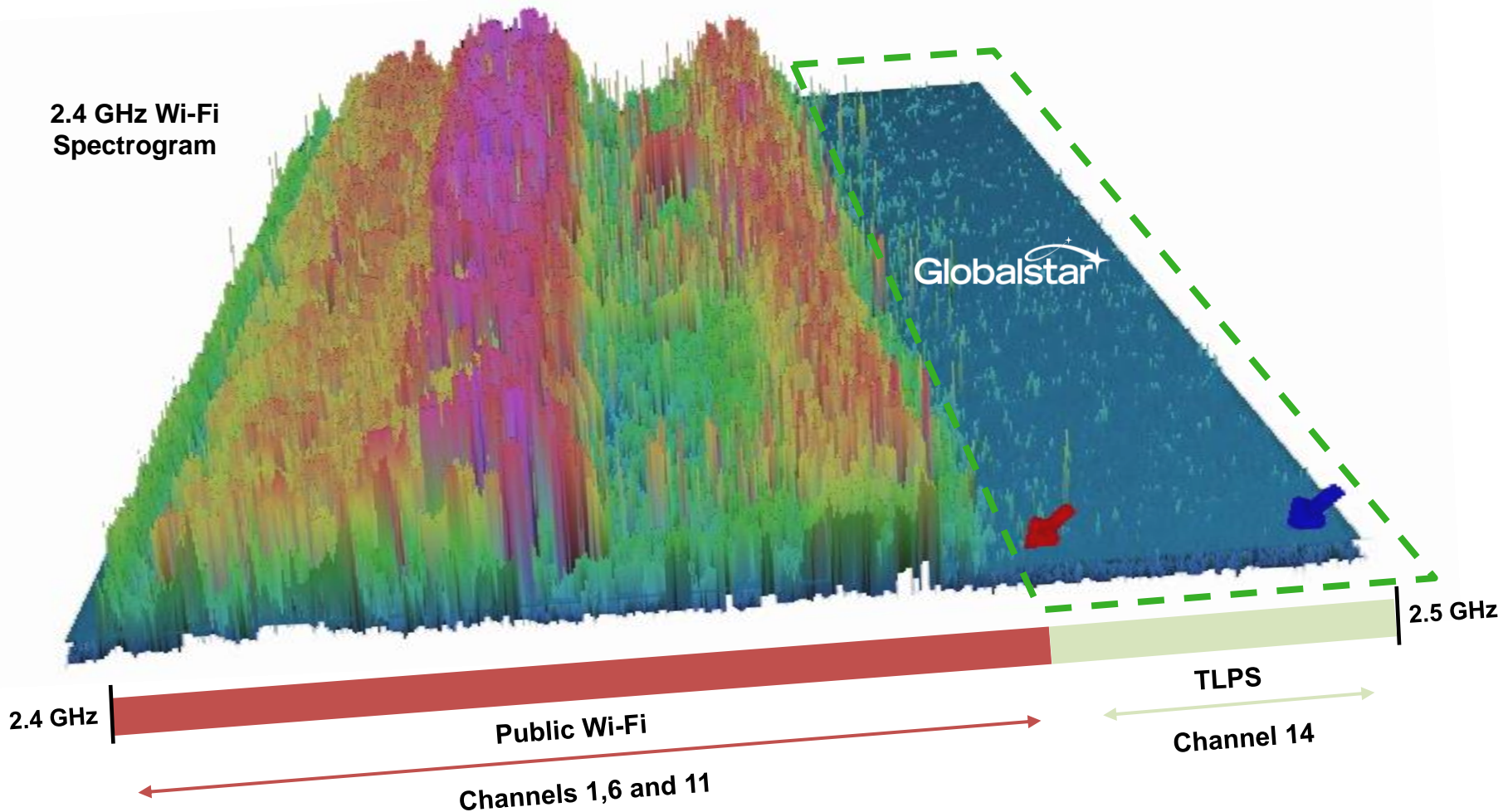
- Today, the majority of all Wi-Fi data traffic transits over just three overcrowded channels in the 2.4 GHz band. TLPS opens a managed, secure and high performance 4th channel to the existing Wi-Fi ecosystem.



Why is TLPS important?

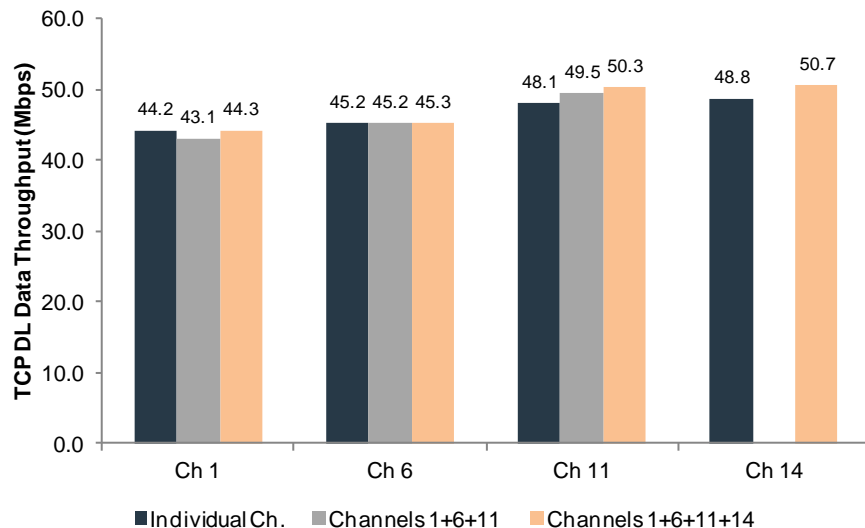
TLPS represents a “clear channel” for wireless broadband applications

- With millions of uncoordinated access points and devices, public Wi-Fi has reached exhaustion. TLPS will open up a new and sustainable high-performance wireless broadband resource.

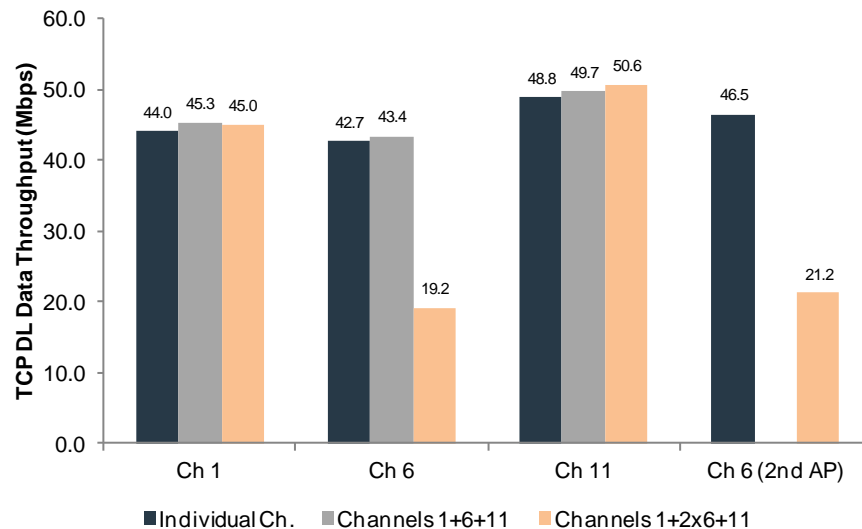


Globalstar Scenarios: TLPS Has No Negative Impact on Public Wi-Fi

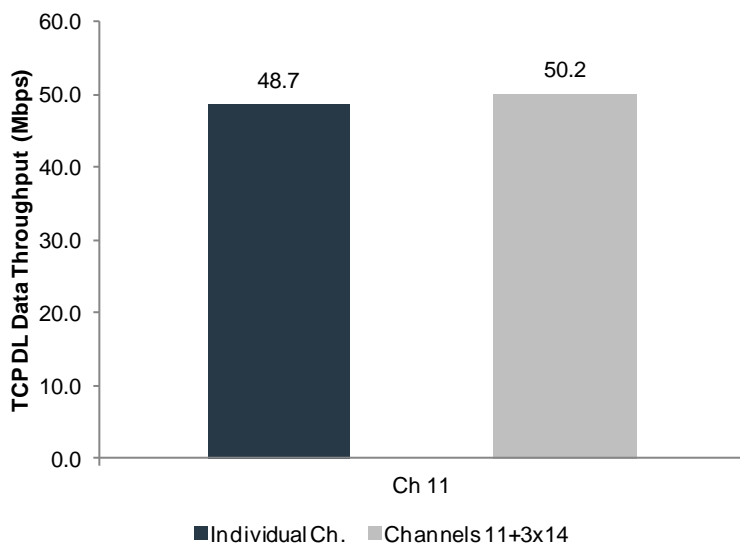
Scenario 2: 4 APs with TLPS



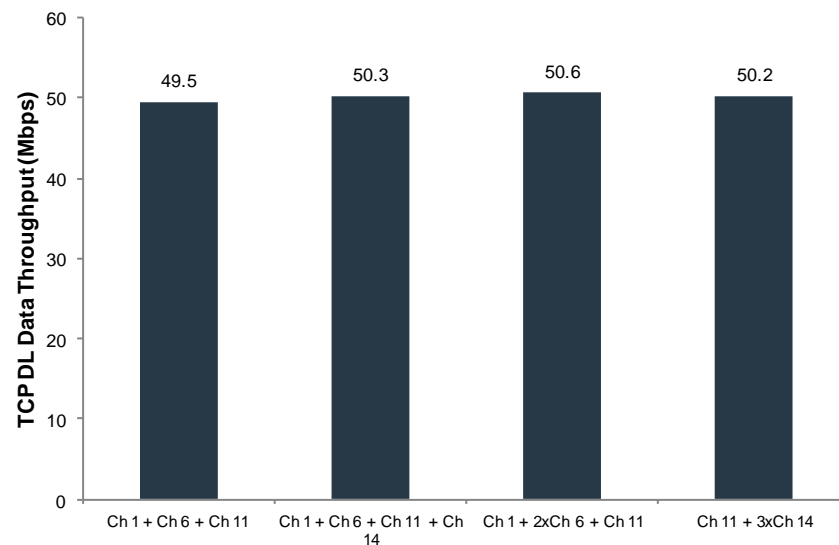
Scenario 3: 4 APs without TLPS



Scenario 4: TLPS on Multiple APs

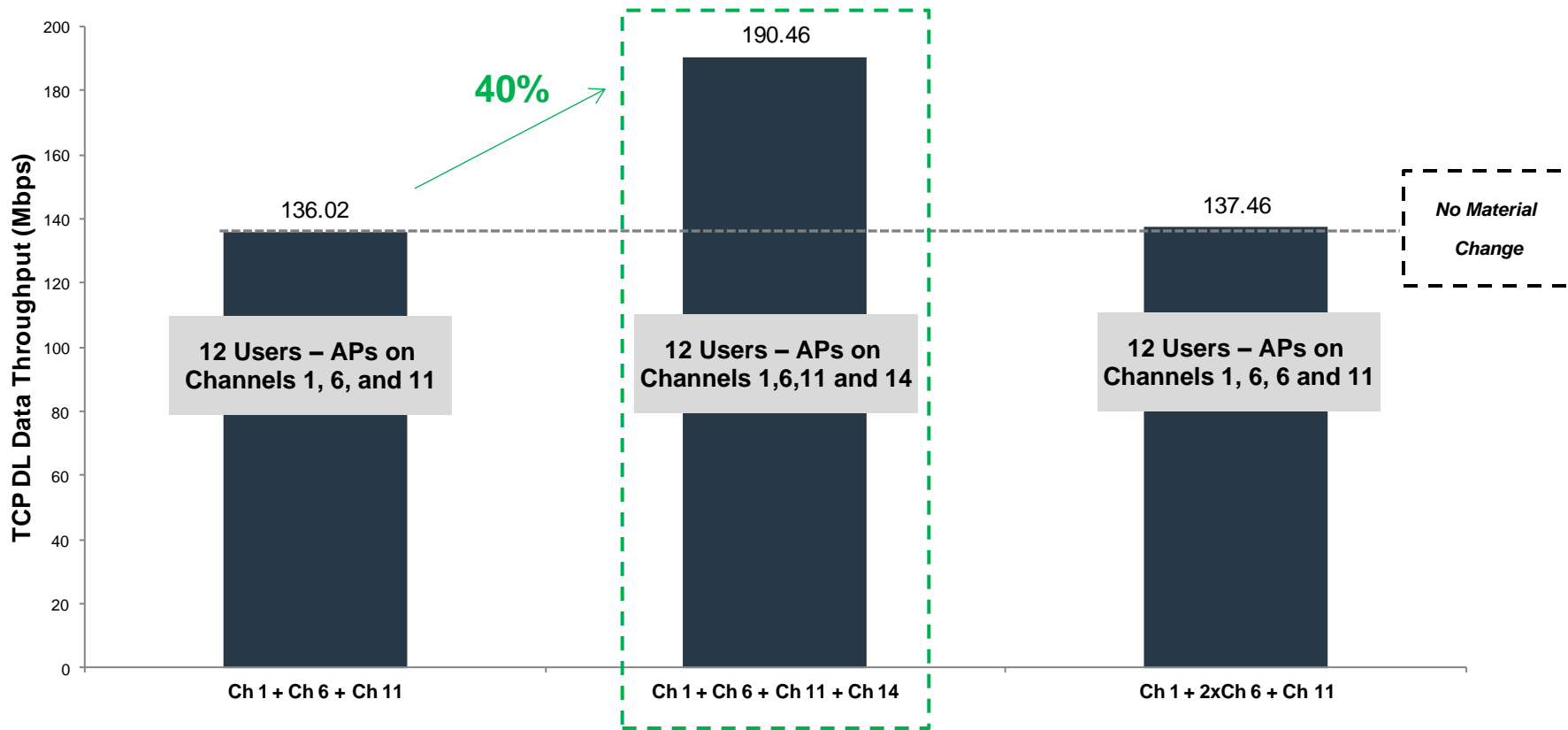


Channel 11 Summary: 3 Active Users



Globalstar's TLPS Substantially Increases Overall Network Capacity

WLAN Network Aggregated Capacity Comparison Summary



- Approximate 40% network capacity increase when TLPS is enabled (quiet RF environment)
- Additional AP on channel 6 did not increase network capacity

Spectrogram of 2.4 GHz Band

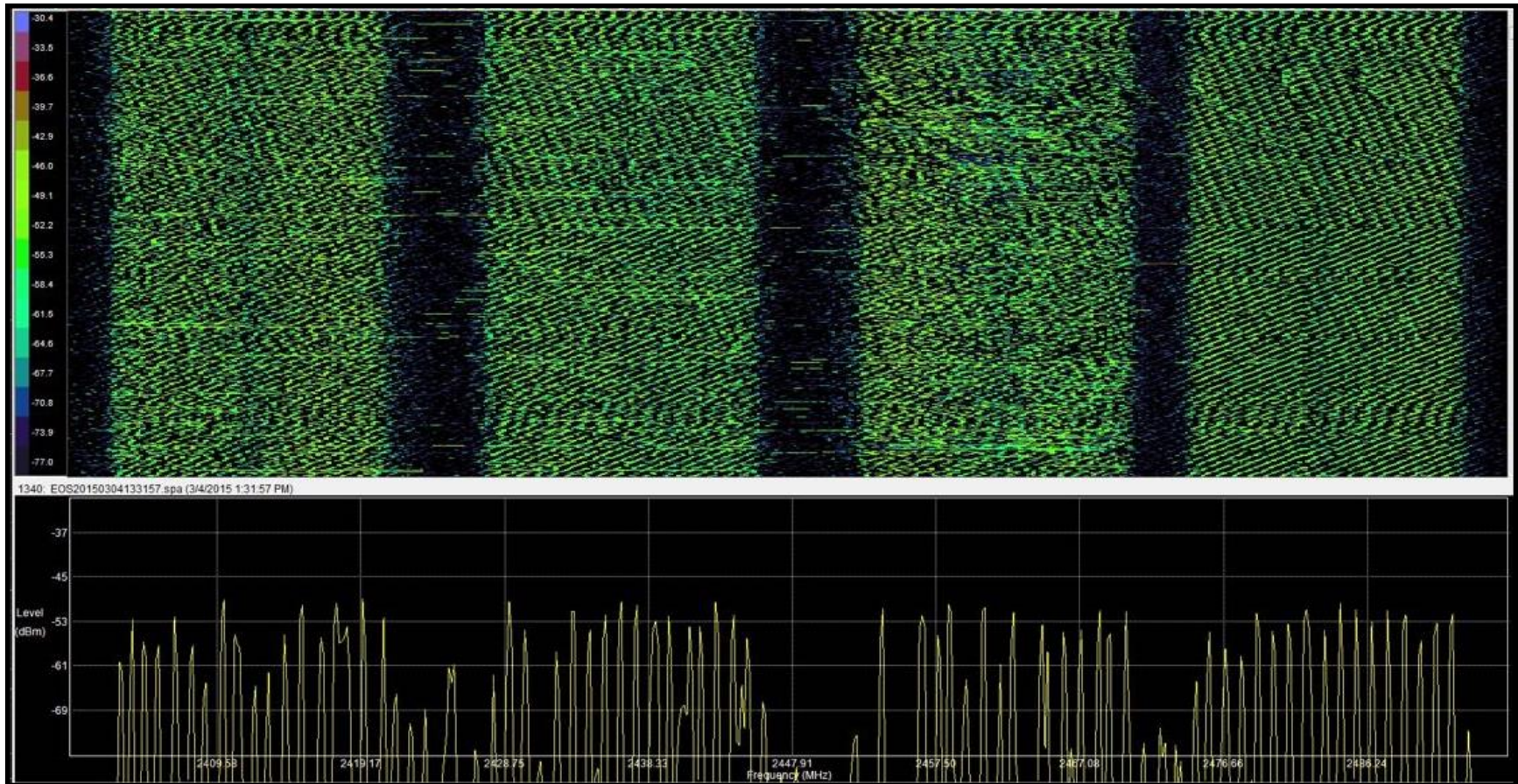
As shown below in the spectrogram from the March 2015 demonstration, there is an energy gulf between Channel 14 and Channel 11

Channel 1

Channel 6

Channel 11

Channel 14



FCC's NPRM Regulatory Update

FCC's NPRM Process Overview

Completed

November 13, 2012

Globalstar Files Petition for Rulemaking

November 30, 2012

FCC Placed Petition on Public Notice

January 29, 2013

Comment Period for Petition Ended

November 1, 2013

FCC Unanimously Votes For and Releases NPRM

February 19, 2014

NPRM Publication in Federal Register

May 5, 2014

Comment Due Date

June 4, 2014

Reply Comment Due Date

March 10, 2015

Successful Completion of TLPS Demonstration at the FCC

March 25, 2015

Completion of TLPS Characterization work at FCC Laboratory

Coming Months

Process Completion / TLPS Authority

Potential for worldwide TLPS deployment

Globalstar's unique worldwide authority across its S-band allows for the potential for global deployment of TLPS. Globalstar will seek authorization in other developed and developing countries post U.S. approval.

Globalstar's TLPS solution



Globalstar Sum Of The Parts Value Drivers

Core MSS operations

- Fully restored satellite network for core MSS operations with a new \$1 billion constellation
- Second-generation ground upgrades – improves data speeds and reduces product BOM
- Diverse business lines across consumer, commercial and government markets
- Historically, focus has been on North America – beginning in 2014, operational focus has materially expanded

U.S. spectrum value

- 1.6 GHz and 2.4 GHz U.S. license
- Targeting TLPS authority in coming months
 - Managed, carrier grade service
 - Increased data speeds and range
 - Leverages existing Wi-Fi infrastructure



Global spectrum value

- ITU authority for 25.225 MHz – opportunity to free up terrestrial authority worldwide
- Unique globally harmonized position
- Opportunity to deploy terrestrial services including TLPS after U.S. approval – leverages worldwide Wi-Fi standards and devices

Annex A – Reconciliation of Annual Adjusted EBITDA

(\$ in millions)

	2004	2005	2006	2007	2008	2009	2010	2011	2012	2013	2014
Net Income (loss)	\$0.4	\$18.7	\$23.6	(\$27.9)	(\$22.8)	(\$74.9)	(\$97.5)	(\$54.9)	(\$112.2)	(\$591.1)	(\$462.9)
Interest income and expense, net	1.3	(0.0)	2.1	5.9	1.0	5.9	4.6	4.8	21.5	67.8	43.2
Derivative (gain) loss	-	-	-	3.2	3.3	16.0	30.0	(23.8)	(7.0)	306.0	286.1
Income tax expense (benefit)	(4.3)	2.5	(14.1)	2.9	(2.3)	(0.0)	0.4	(0.1)	0.4	1.1	0.9
Depreciation, amortization, and accretion	2.0	3.0	6.7	13.1	27.0	21.9	27.4	50.0	69.8	90.6	86.1
Other income (expense)	-	2.3	7.9	-	-	-	-	-	-	-	-
EBITDA	(\$0.7)	\$26.5	\$26.3	(\$2.8)	\$6.2	(\$31.3)	(\$35.1)	(\$24.0)	(\$27.5)	(\$125.6)	(\$46.6)
Reduction in the value of long-lived assets & inventory	\$0.1	\$0.1	\$1.9	\$19.1	\$0.4	\$0.9	\$16.0	\$12.4	\$8.6	\$5.8	\$21.8
Non-cash compensation	-	-	1.2	9.6	12.9	10.6	1.0	2.2	1.3	2.3	3.9
Research and development	-	-	-	-	2.7	4.3	3.7	1.8	0.3	0.6	0.5
Severance	-	-	-	-	-	1.6	2.1	1.3	0.1	0.0	-
Foreign exchange and other (income) loss	-	-	4.0	(8.7)	4.5	(0.7)	0.8	0.9	2.3	3.0	(3.0)
(Gain) Loss on extinguishment of debt	-	-	-	-	(41.4)	-	-	-	-	109.1	39.8
Non-cash adjustment related to international operations	-	-	-	-	-	-	-	-	-	-	0.4
Revenue recognized from Open Range lease term.	-	-	-	-	-	-	-	(2.0)	-	-	-
Thales arbitration expenses	-	-	-	-	-	-	-	1.0	1.8	-	-
Contract termination charge	-	-	-	-	-	-	-	-	22.0	-	-
Loss on future equity issuance	-	-	-	-	-	-	-	-	-	16.7	-
Write off of deferred financing costs	-	-	-	-	-	-	-	-	0.8	-	0.2
Brazil litigation expense accrual	-	-	-	-	-	-	-	-	-	-	0.4
Other one time non-recurring charges	4.1	0.6	0.4	4.7	0.6	1.9	2.9	-	-	-	-
Adjusted EBITDA	\$3.6	\$27.3	\$33.8	\$21.8	(\$14.2)	(\$12.6)	(\$8.5)	(\$6.4)	\$9.8	\$11.8	\$17.4