

# High-quality Wireless Spatial Audio



**WiSA Technologies, Inc.**  
***Second Quarter, 2022 Results Presentation***  
**August 15, 2022**

# Forward Looking Statements

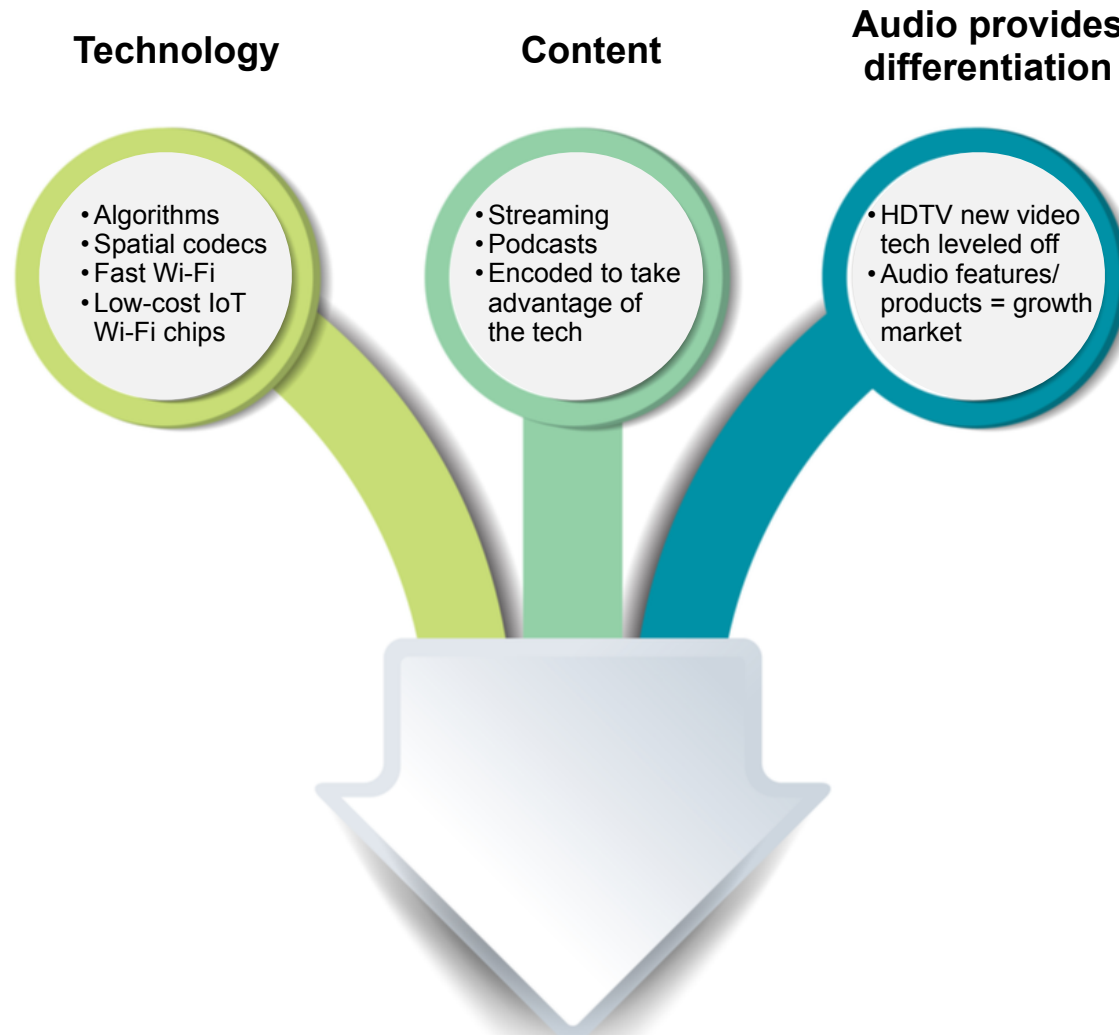


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\* WiSA Ready TVs, gaming PCs and console systems are "ready" to transmit audio to WiSA Certified speakers when a WiSA USB Transmitter is plugged in and a user interface is activated through an APP or product design like LG TVs.

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# Wireless Spatial Audio in the Home: The Time is Now



Spatial Audio = Greenfield Opportunities

Content Publishing and Distribution: Spotify, Tencent, Amazon, YouTube, etc.

Wireless Medium: Wi-Fi

Spatial Audio Codecs: Dolby Atmos, DTS-X, Spatial

Wireless Transport



## Wireless Transport

- Precise synchronization across many disparate speakers
- Guaranteed reliability of the wireless link
- Ability to transmit multichannel, high-bitrate audio streams
- Extremely low latency



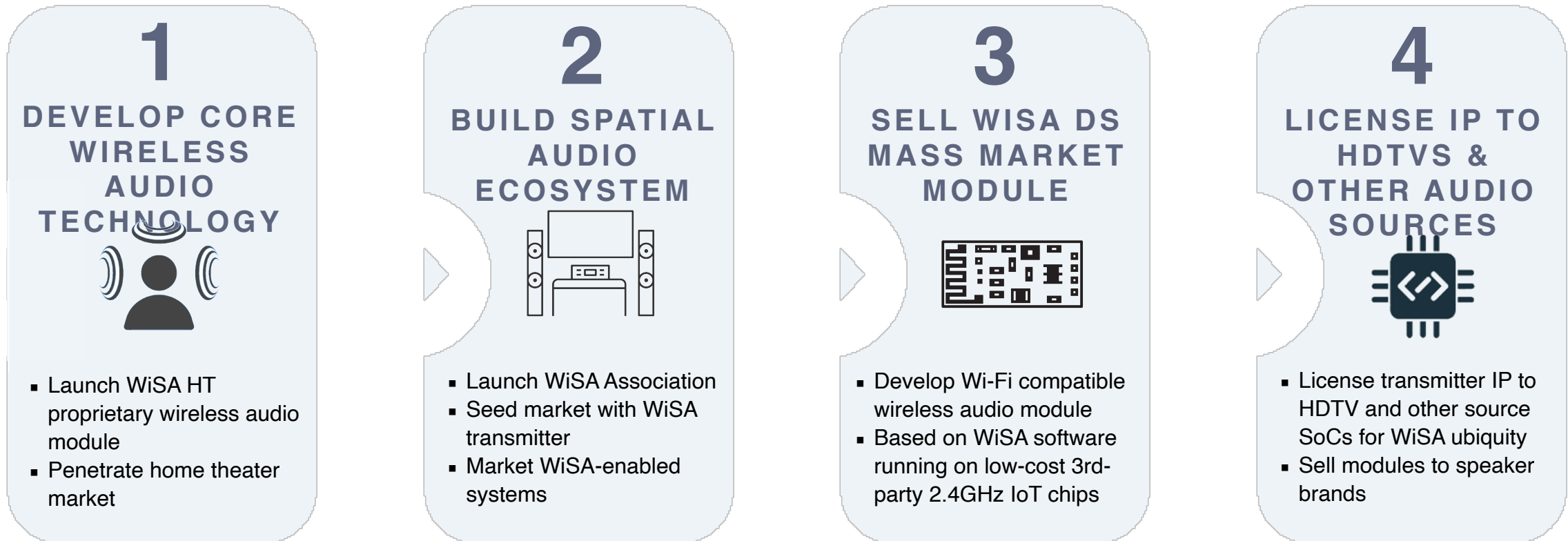


# WiSA in Production with Quality Audio Market Leaders



- Delivering wireless spatial audio technology to premier brands in the audio and CE market
- Unparalleled IP in enabling high-bitrate, multichannel, uncompressed wireless audio
- Latency and synchronization specs that

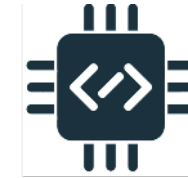




# Technology Designed for Entry-level to Audiophile



Espressif



EMBEDDED

Realtek

## Audiophile-quality chips

### WISA HT (Home Theater)

- 8 channels
- Custom Tx / Rx modules
- 24-bit audio
- Up to 96k sample rates
- +/- 2µs speaker sync.
- Ultra low latency



## Low-cost IoT modules

### WISA DS (Soundbars)

Low-cost 2.4GHz IoT transceiver module

- (4+sub) separate audio channels
- Fixed transport latency (30ms)
- Tight speaker sync.



## Licensed software/IP

### WISA E (All Multichannel Audio)

Interoperable software/IP running on 3rd party 5GHz IoT and SOC's

- 6 audio channels; future (8-10)
- Fixed transport latency (20ms)

Proprietary ASIC

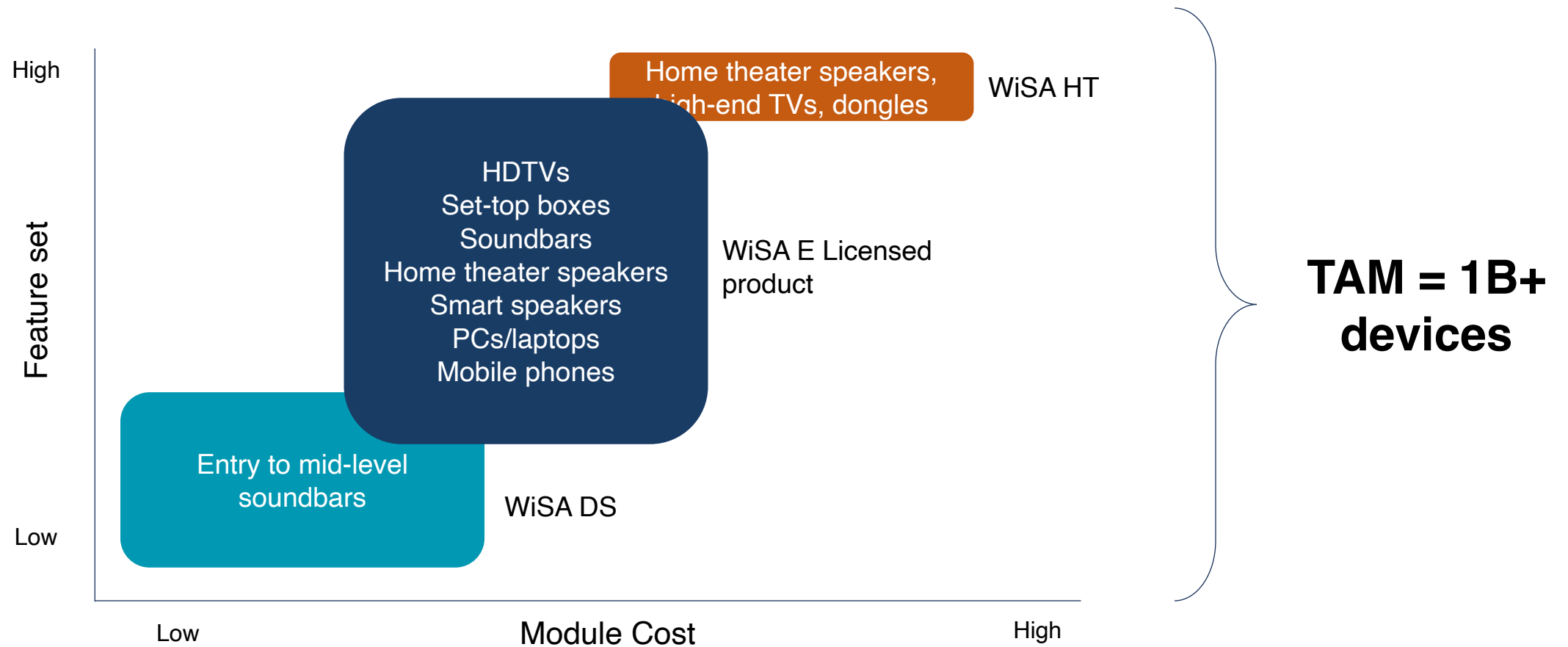
2015 - 2021

Software running on third-party chips

2022

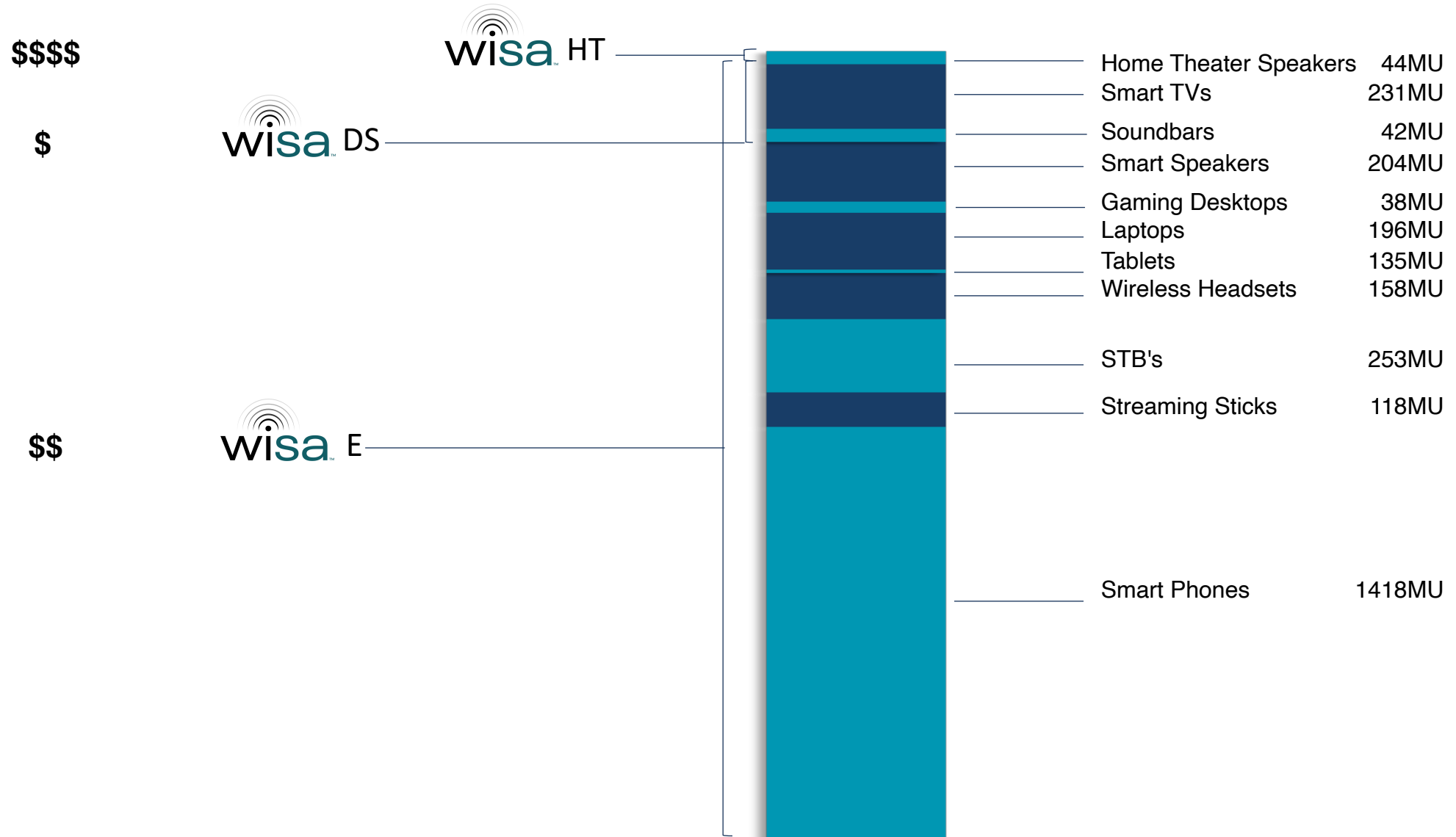
2023

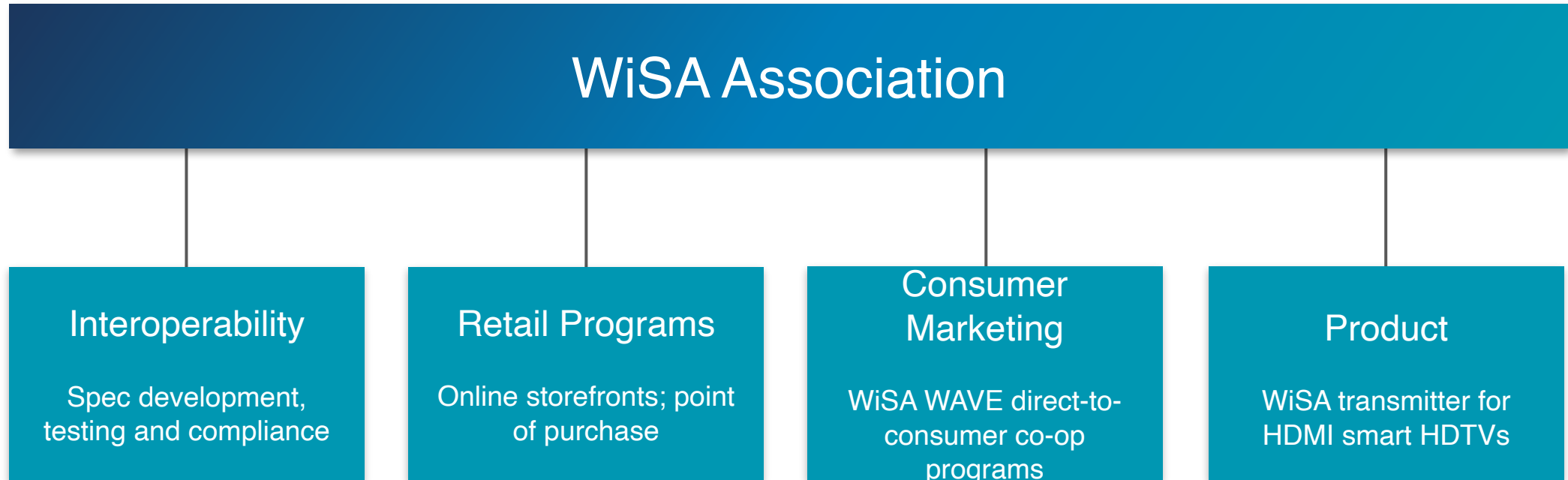
# Licensing Enables Broad Market Expansion





# WiSA DS and E Growth Opportunities





Example: [www.amazon.com/wisa](http://www.amazon.com/wisa)

Consumer Technology Association | Smart Home Division  
Mark of Excellence

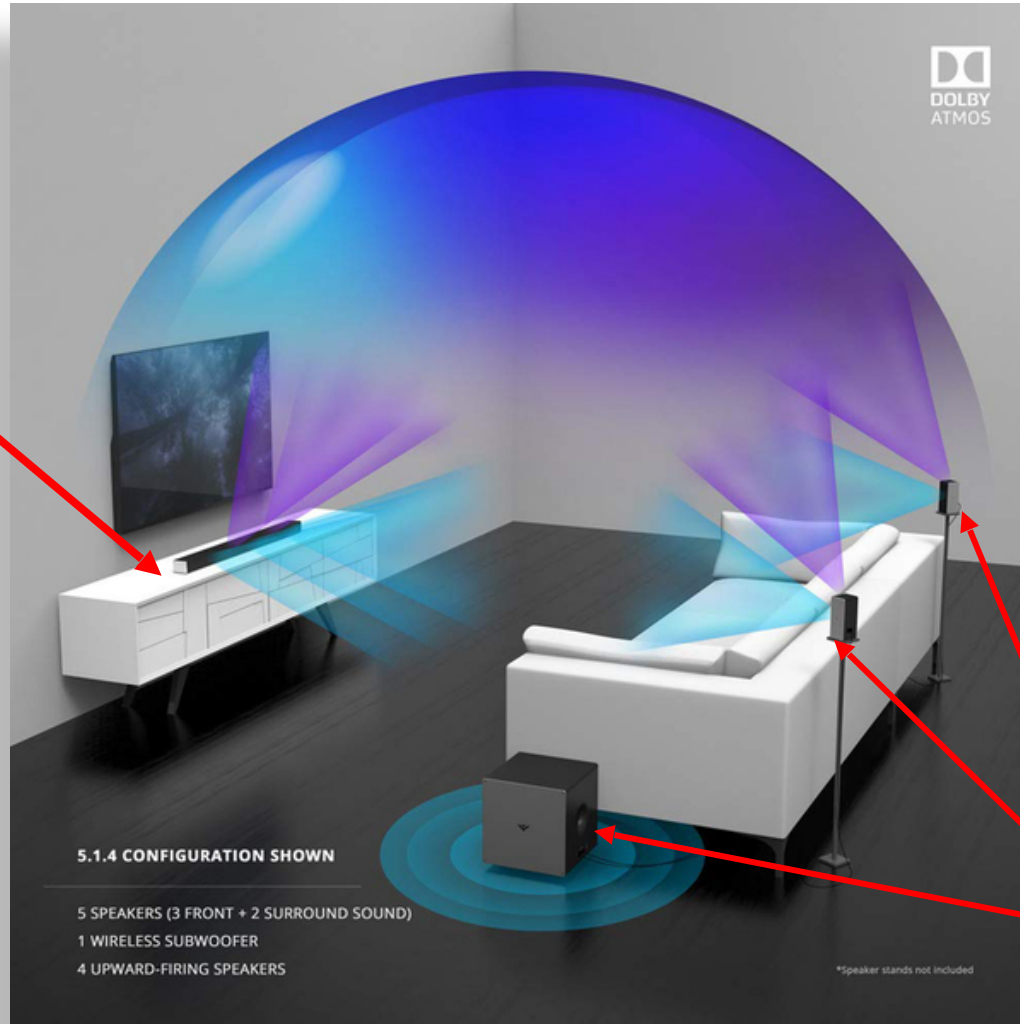
2022 WINNER



# WiSA DS – Customer Response



**WiSA DS Tx**



## Relative to Primary Competitor:

- More audio channels
- Stronger wireless performance
- Lower Price < \$15 for wireless modules

## Evaluations/Designs:

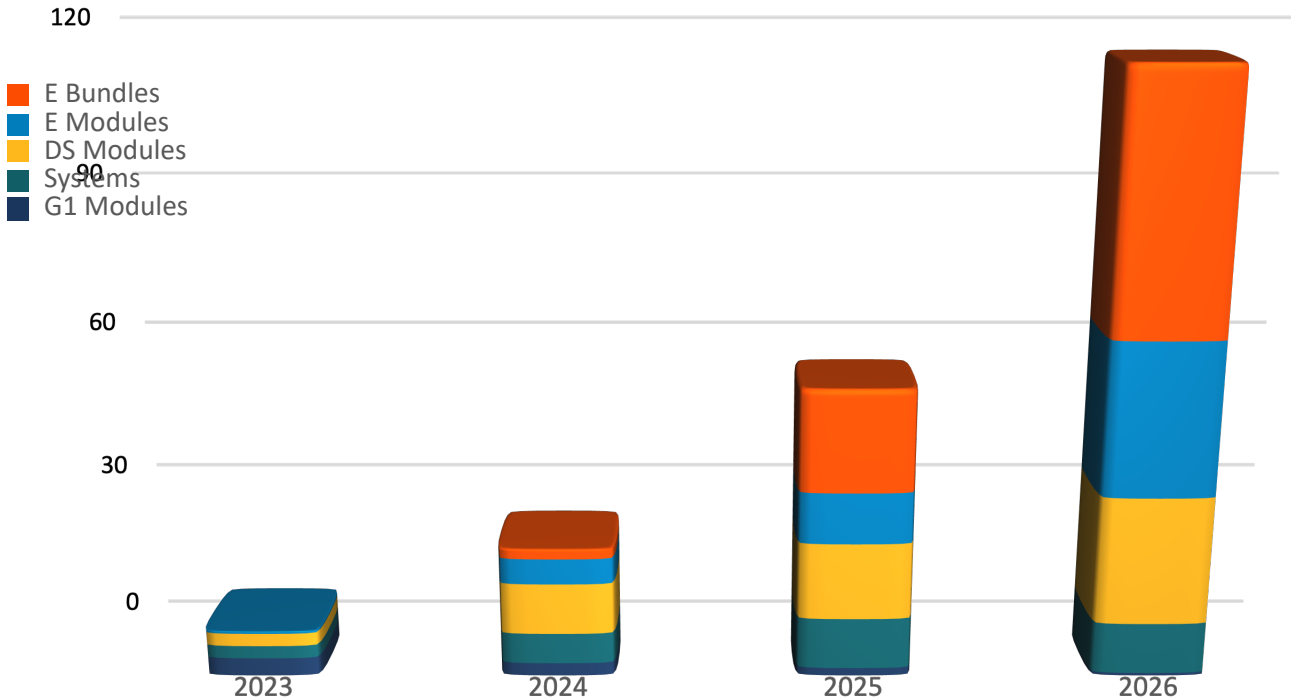
- Product and Potential Projects:
  - Soundbars 8
  - TVs 3
  - Auto. After market 1

## Anticipated Production Start:

- 2 in 4Q 2022

**WiSA DS Rx**

# Revenue Opportunity: 2023 - 2026



### Currently in 2022

- Continued HT module and system sales based on design activity through 2023 and consumer acceptance of wireless speakers
- First revenue - DS module (soundbars)

### 2023 Revenue Drivers

- DS module revenue growth based on soundbar and TV designs
- First revenue – WiSA E modules in Platin Speakers

### 2024 Revenue Drivers

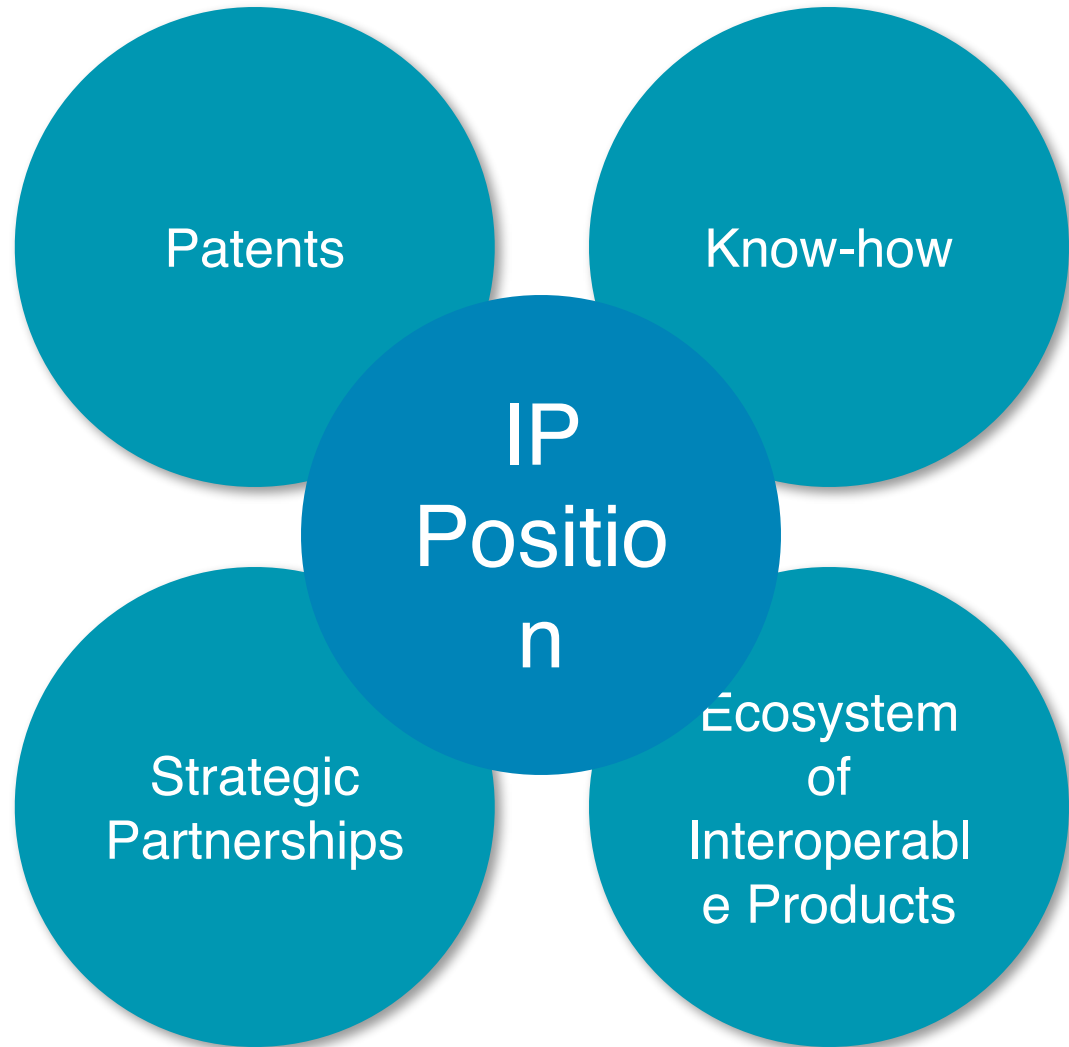
- Growth of DS modules and E modules
- First revenue E license with RX modules + bundles

### 2025 Revenue Drivers

- Continued growth in DS and E modules
- Strong growth of E license + bundles

### 2026 Revenue Drivers

- Continued growth in module sales
- Continued strong growth of E license + bundles



## Patents:

- Fundamental patents in wireless multichannel audio across key geo's
  - 24 issued patents, pending patent applications or patent filings

## Know-how:

- 12-years' experience in delivering multichannel wireless technology to leading CE brands

## Strategic partnerships:

- Key partnerships with leading IoT Wi-Fi semiconductor and TV SoC companies

## Ecosystem of Interoperable



# Q2 2022 and August \$3M Financing

## Q2 '22

- \$946K revenue, down 40% vs. Q2 '21, up 67% vs. Q1 '22
- 20% gross margin, down from 29% in Q2 '21, up from 11% in Q1 '22
- \$4.3M opex, including \$0.5M of non-cash, vs. \$3.3M, including \$0.4M of non-cash in Q2 '21
- \$4.1M net loss, vs. \$4.6M in Q2 '21
- \$4.8M cash 6/30/2022

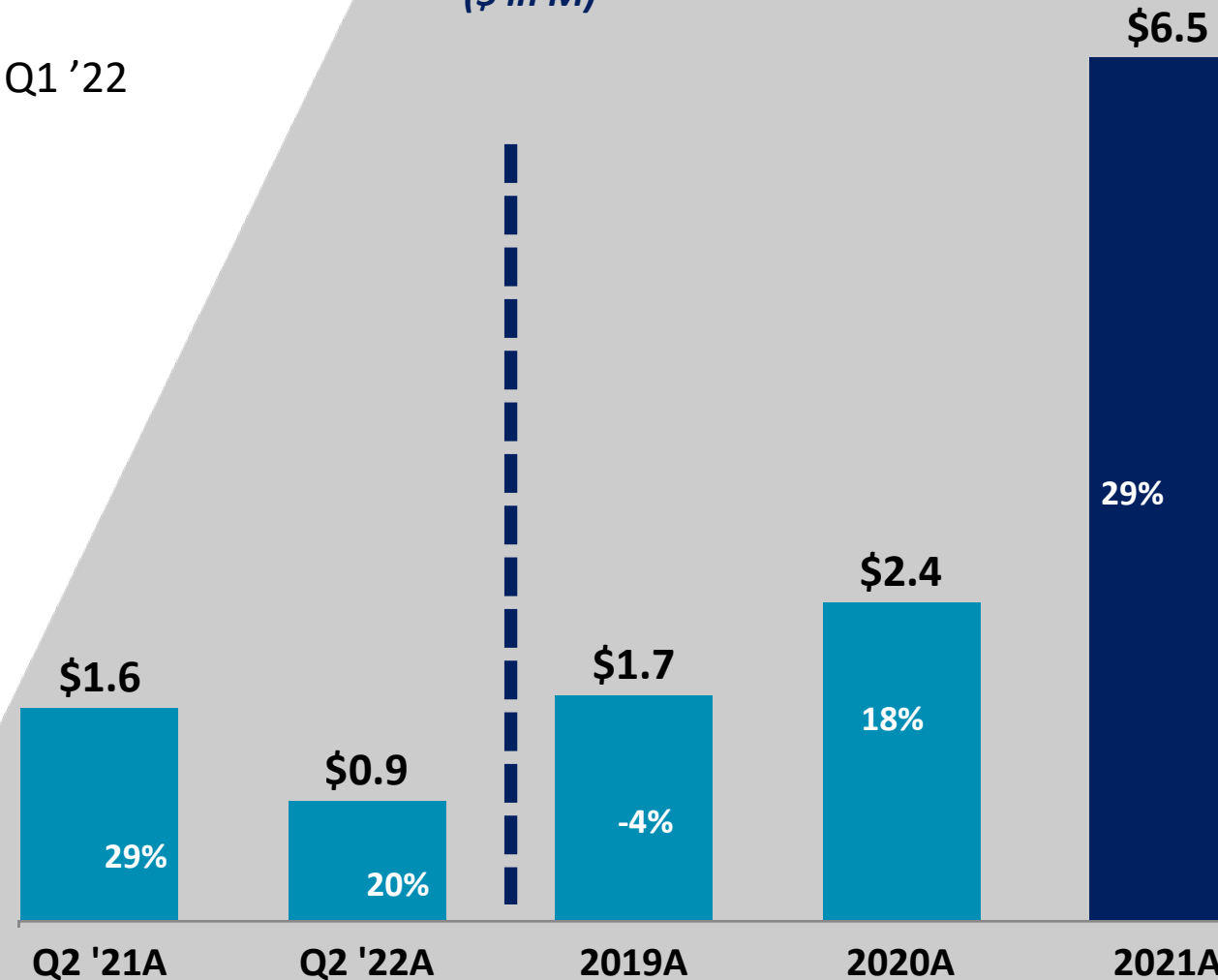
## 2022 Guidance

- Revenue increase in Q3 '22 compared to Q2 '22, and revenue increase in Q4 '22 compared to Q3 '22
- Mid 20's % gross margin target
- With close of \$3M financing, should be sufficient cash 2023

## \$3 Million Convertible Financing

- Convertible security investment by largest shareholder

## Revenue & Gross Margin (\$ in M)



As reported with the Q2 2022 results on August 15, 2022.

# Key Highlights



1

Highly-differentiated multichannel wireless audio technology with implementations in premium audio brands

2

World-class premium technology ported to low-cost IoT chips to address mass market audio systems with software roadmap to address TAM of over 2 billion units

3

Establishment and management of the Wireless Speaker and Audio Association with interoperability specification, testing, and compliance standard

4

30+ brands have designed WiSA technologies into their products,

5

Strong IP position and significant patent coverage

6

Strong revenue growth from modules sales, audio systems sales, and licensing



Thank you