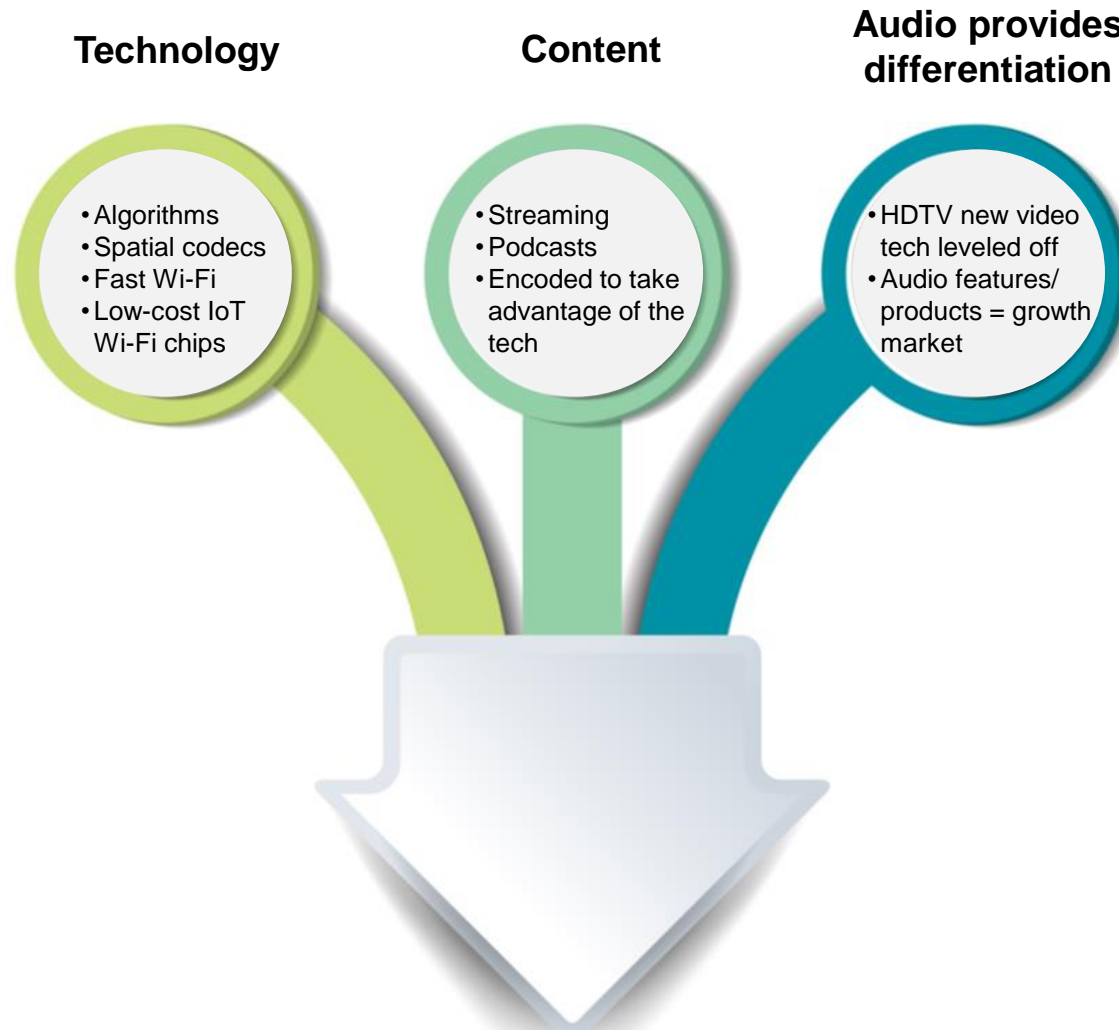


High-quality Wireless
Spatial Audio



WiSA Technologies, Inc.
LD Micro Invitational XII
June 7-9, 2022

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 lead the market



LG

BANG & OLUFSEN

harman/kardon
by HARMAN

Hisense

PIEGA
SWITZERLAND

DYNAUDIO

Wharfedale

SHARP

Skyworth | Metz

TCL

JBL

Klipsch

ENCLAVE

buchardt

VEDDAN

SAVANT

KEF®



Platin



1

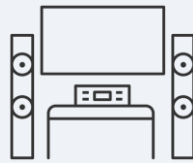
DEVELOP CORE WIRELESS AUDIO TECHNOLOGY



- Launch WiSA HT proprietary wireless audio module
- Penetrate home theater market

2

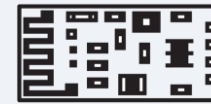
BUILD SPATIAL AUDIO ECOSYSTEM



- Launch WiSA Association
- Seed market with WiSA transmitter
- Market WiSA-enabled systems

3

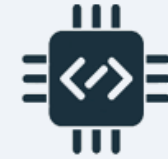
SELL WISA DS MASS MARKET MODULE



- Develop Wi-Fi compatible wireless audio module
- Based on WiSA software running on low-cost 3rd-party 2.4GHz IoT chips

4

LICENSE IP TO HDTVS & OTHER AUDIO SOURCES

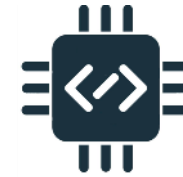


- License transmitter IP to HDTV and other source SoCs for WiSA ubiquity
- Sell modules to speaker brands

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)
 - Tight speaker sync.

Proprietary ASIC

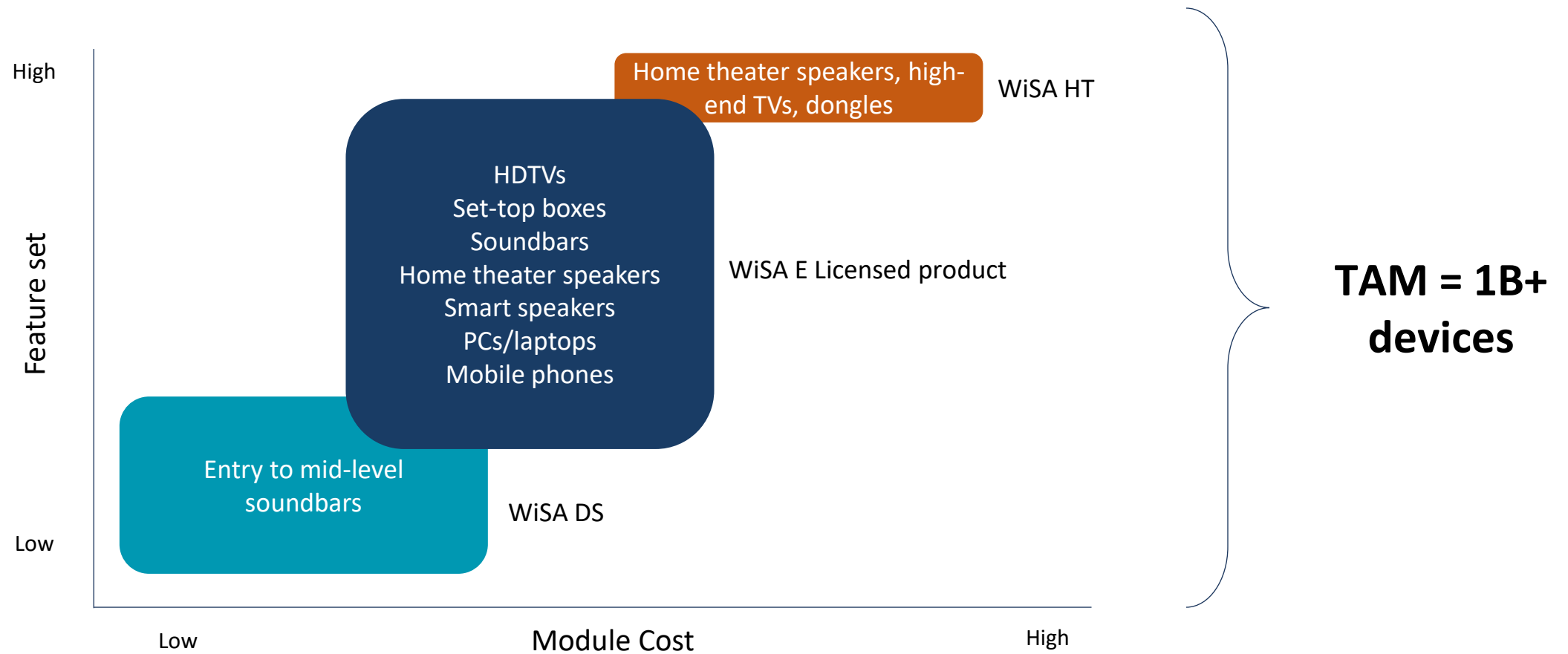
2015 - 2021

Software running on third-party chips

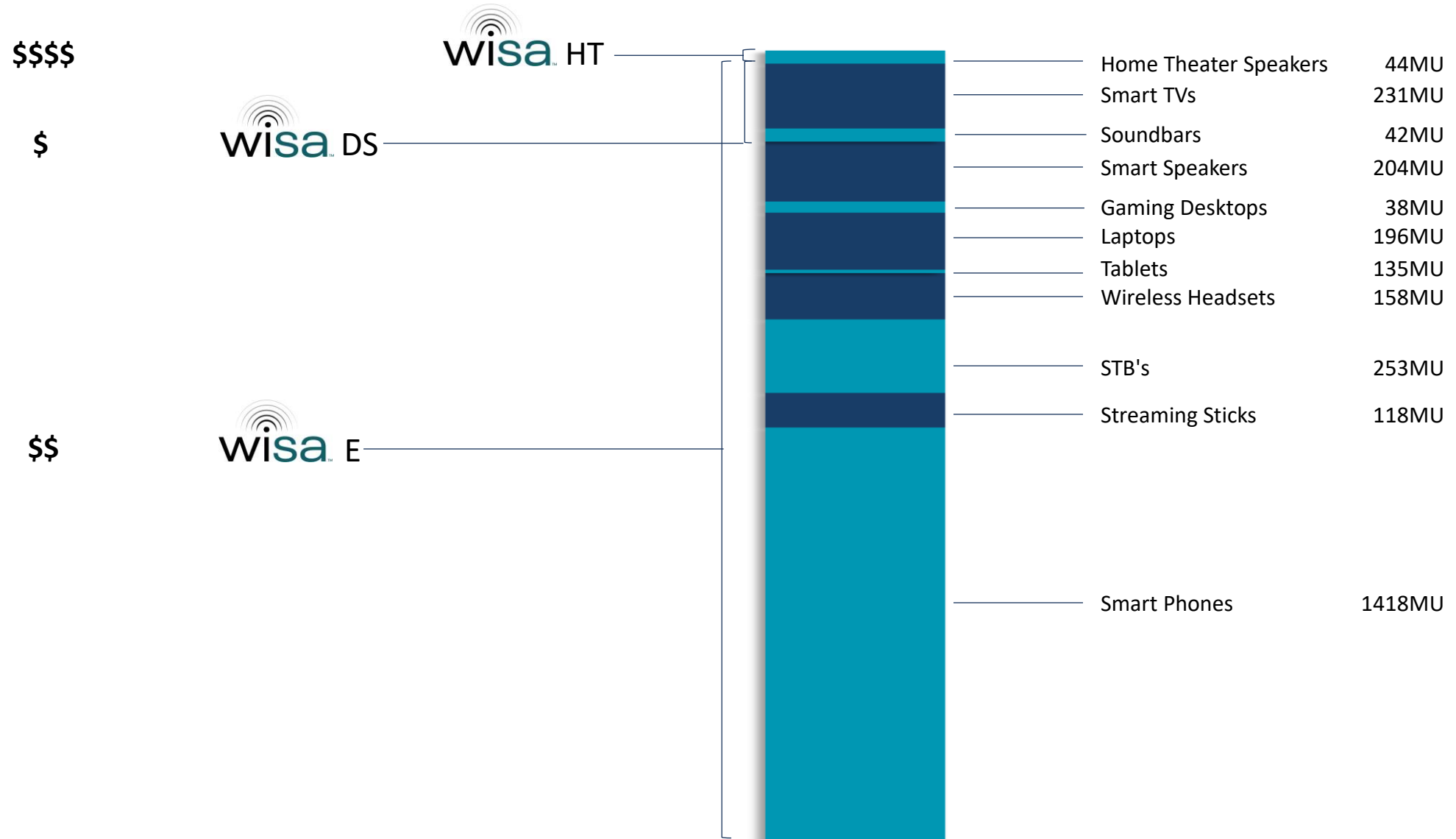
2022

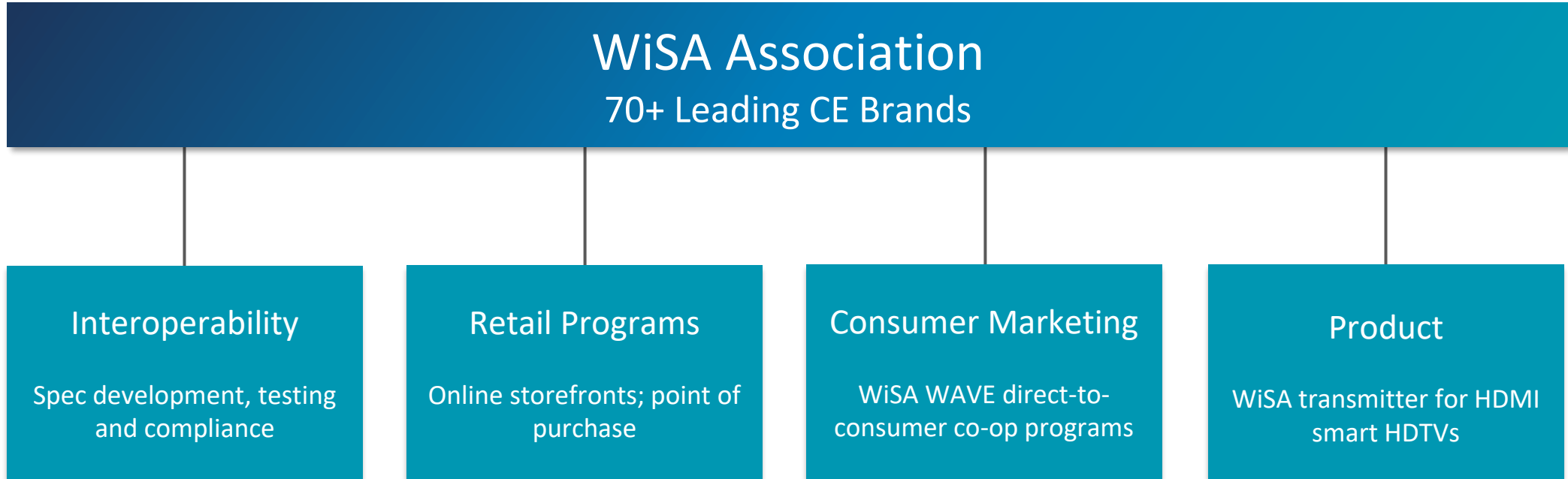
2023

Licensing Enables Broad Market Expansion



WiSA DS and E Growth Opportunities

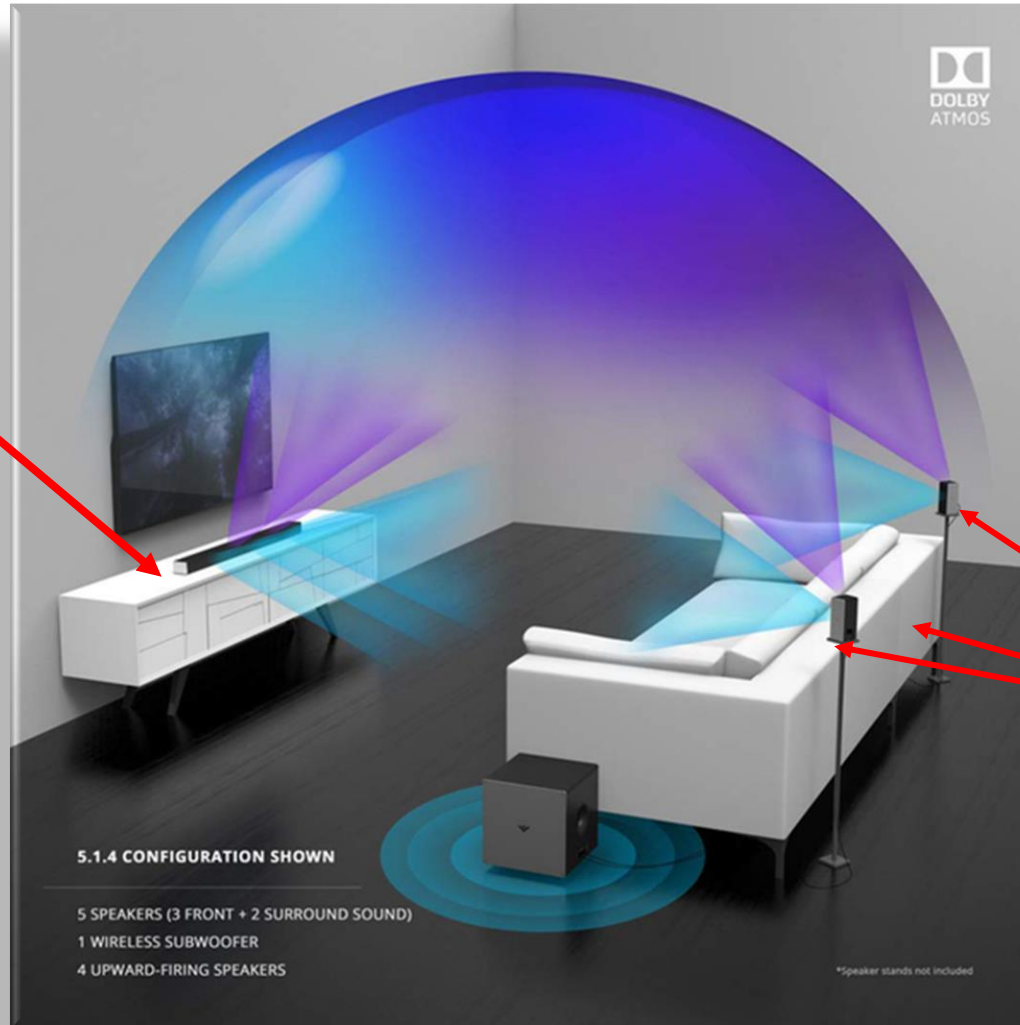




Example: www.amazon.com/wisa



WiSADs Tx



Relative to Primary Competitor:

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

Customer Engagement:

- Dominant traction is with:
 - Soundbars
 - TVs
 - Automotive After market

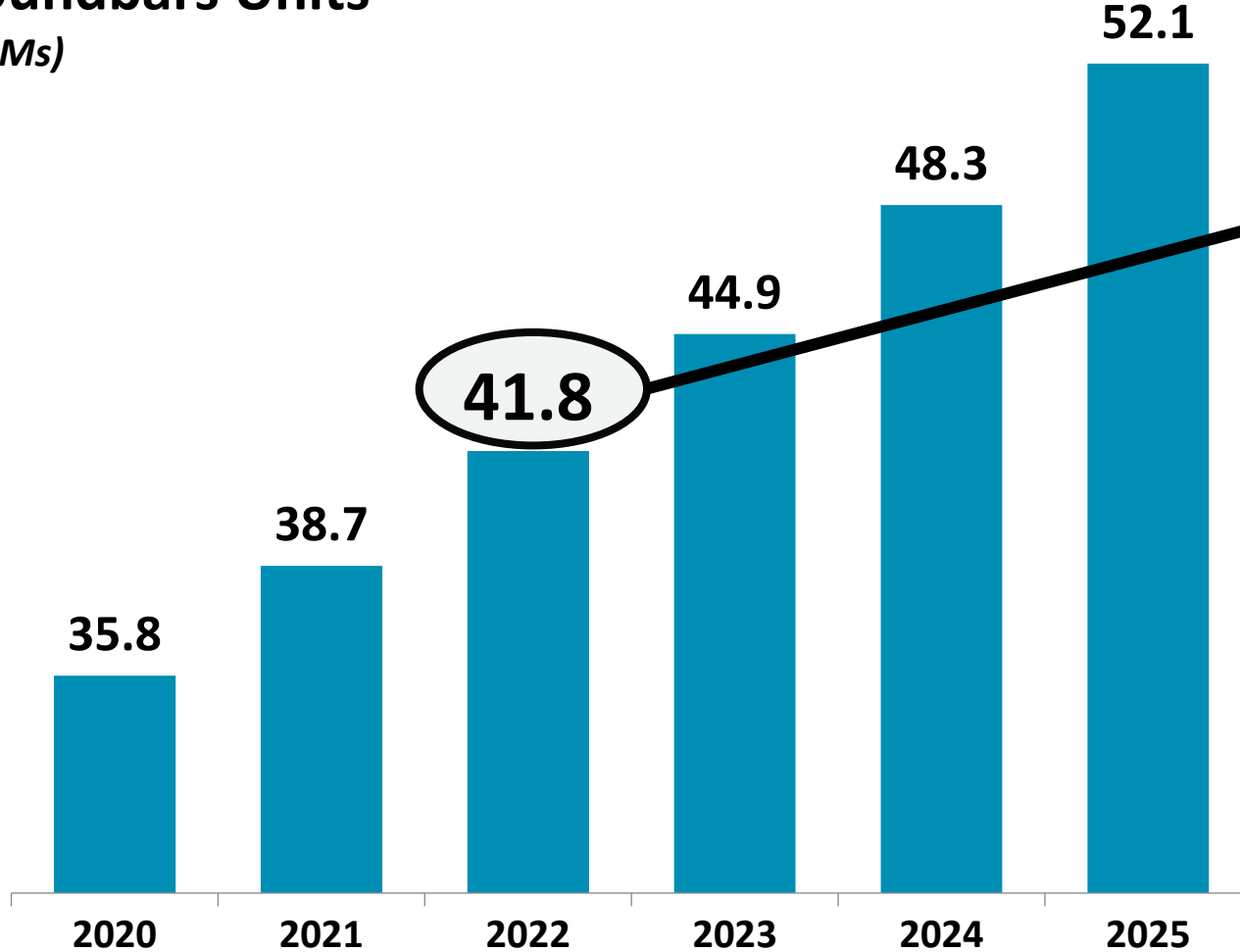
WiSADs Rx

Soundbars: Target Market of Discovery Technology



Soundbars Units*
(in Ms)

2022 Projected Soundbar SAM**

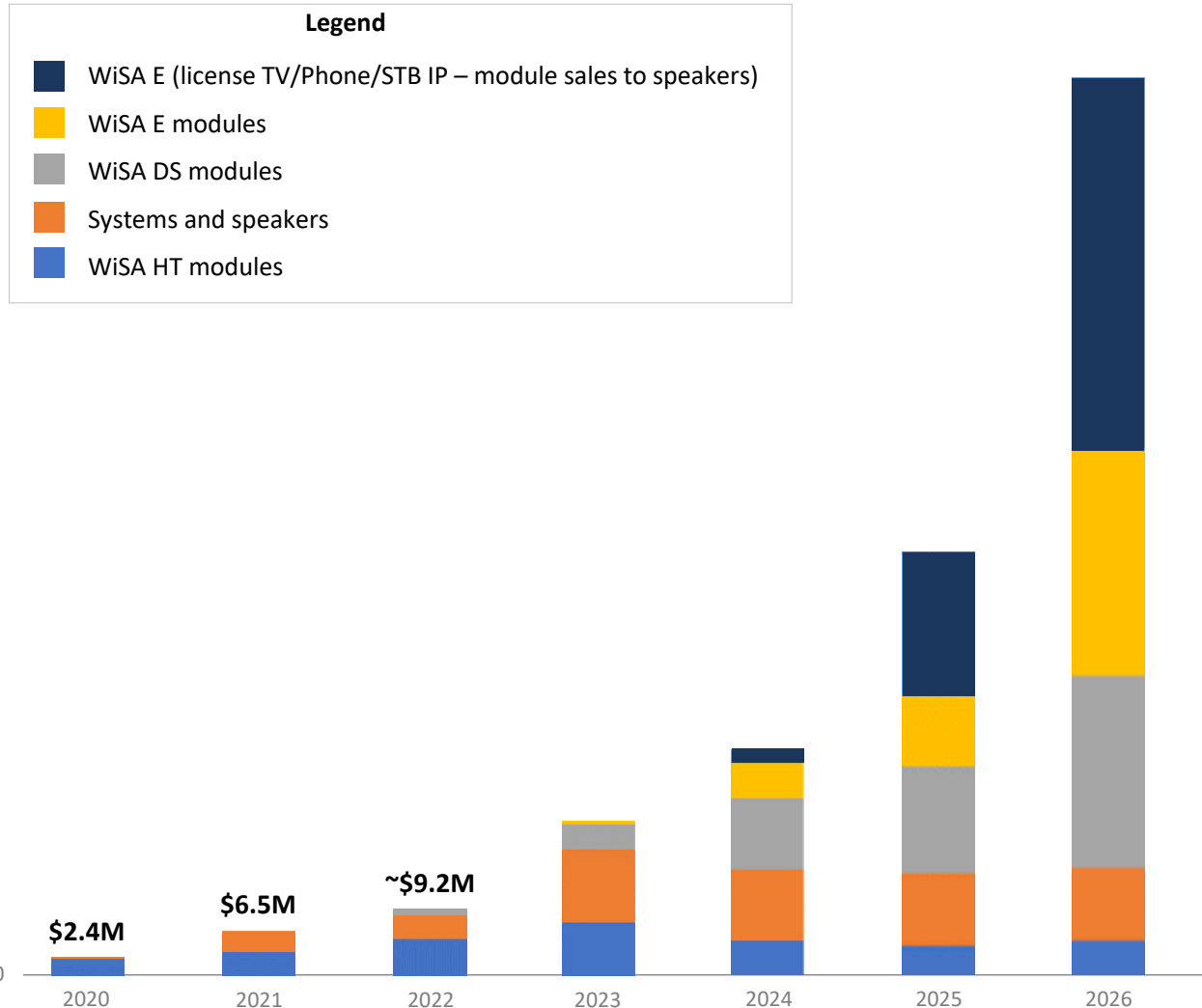


Audio Configuration	WiSADs
Soundbar units (Ms)	41.8
Market Share	5%
WiSA Systems (Ms)	2.1
Speakers per configuration	3
Transmitters per system	1
Modules (Ms)	8.4
Module ASP (\$ per unit)	\$3.00
Rev. Opportunity (Ms of \$)	\$25

* Source: Infiniti Research September 2021

** Management estimates: Factors include content availability, simplicity for the consumer, price, multiple brands

Revenue Opportunity: 2022 - 2026



2022 Revenue Drivers

- Continued HT module and system sales based on continued growth of wireless speaker market
- First revenue - DS module (soundbars)

2023 Revenue Drivers

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

2024 Revenue Drivers

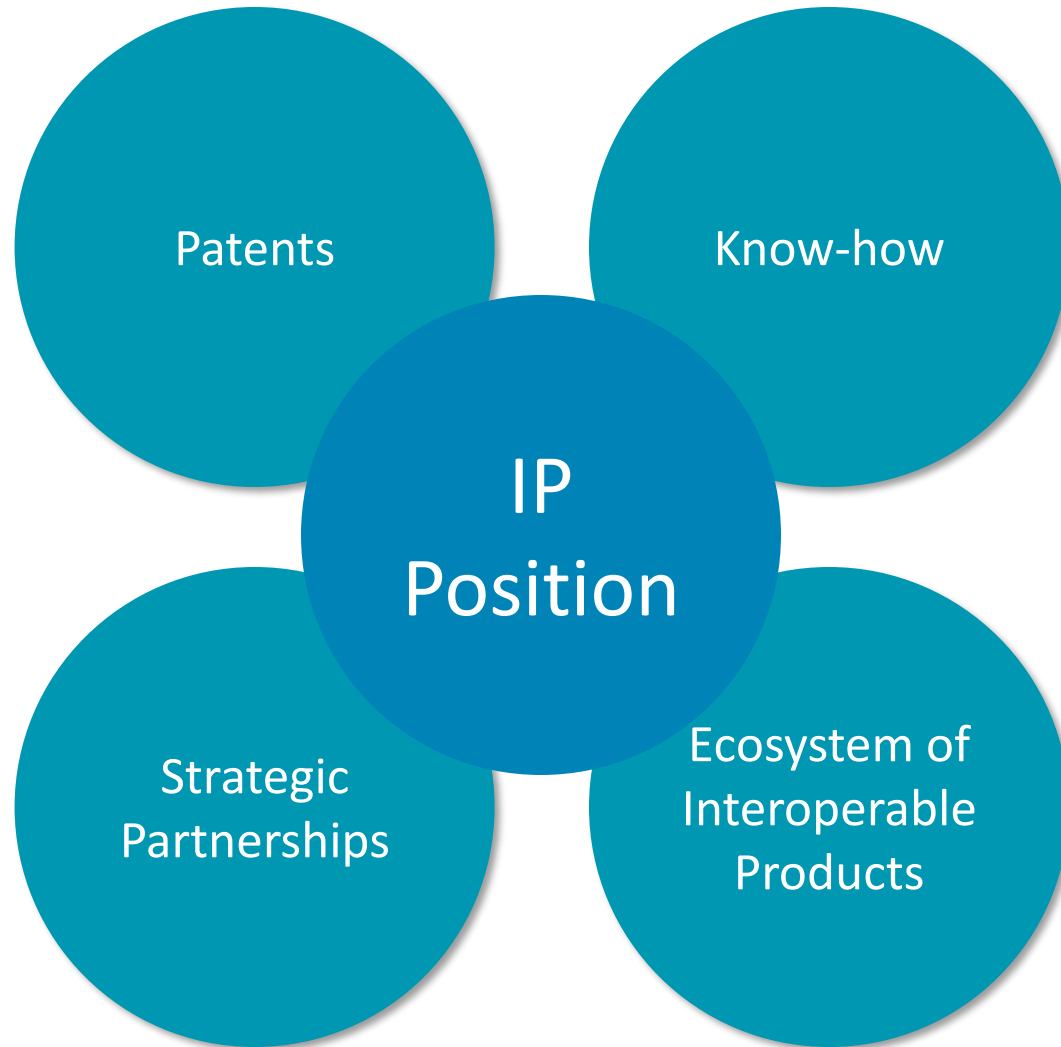
- Growth of DS modules and E modules
- First revenue E license with speaker bundles

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

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 Products:

- 100+ products from 20+ CE and speaker companies with interoperable WiSA-enabled products

Q1 2022

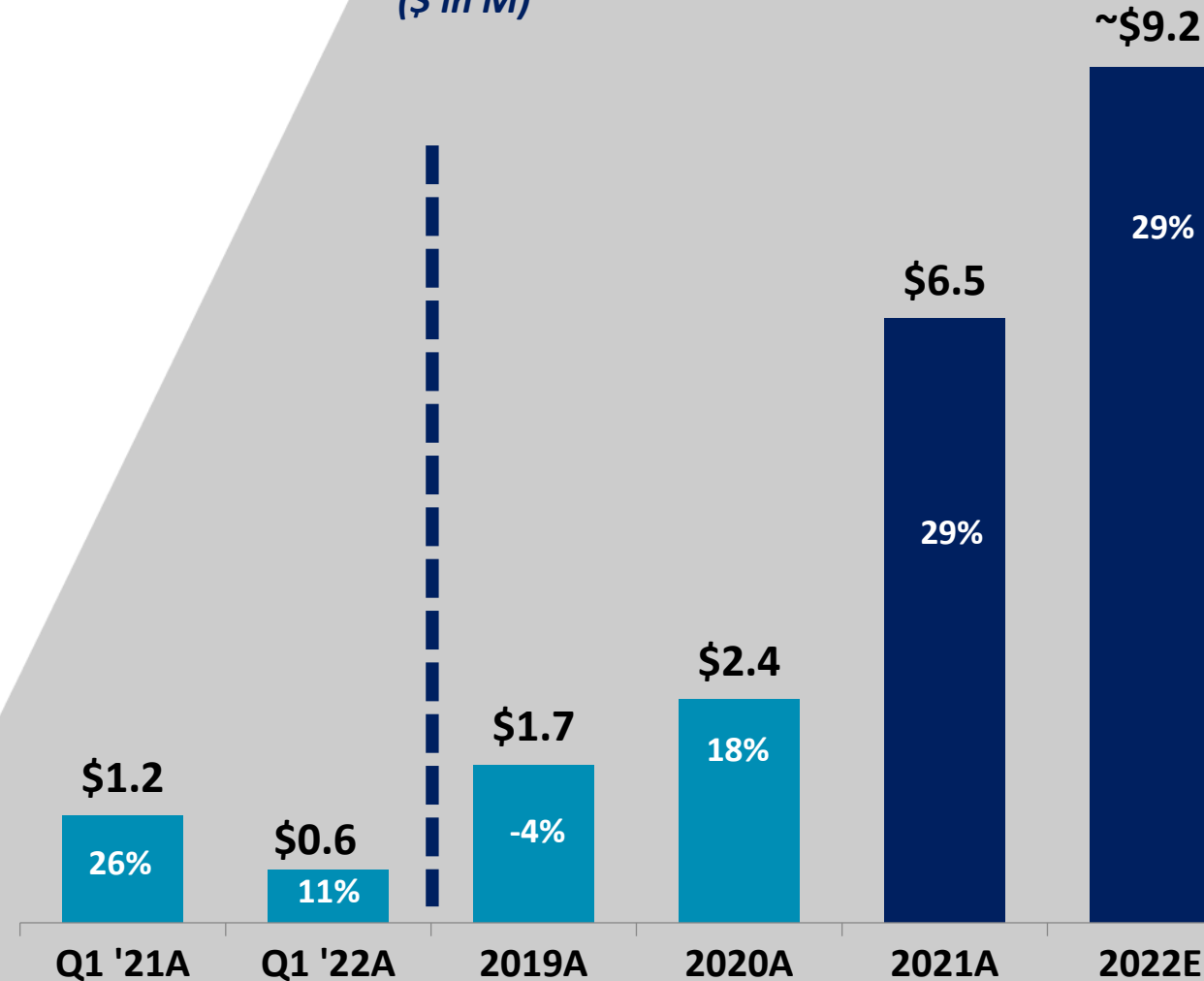
Q1 '22

- \$566K revenue, down 51% vs. Q1 '21
- 11% gross margin, down from 26% in Q1 '21
- \$4.0M opex, including \$0.5M of non-cash, vs. \$3.0M, including \$0.3M of non-cash in Q1 '21
- \$3.9M net loss, vs. \$3.3M in Q1 '21
- \$9.1M cash 3/31/2022

2022 Guidance

- 30-50% full year revenue growth vs. full year 2021
- Revenue increase in Q2 2022 compared to Q1 2022
- 28-30% gross margin target
- Sufficient cash through 2022

Revenue & Gross Margin (\$ in M)



As reported with the Q1 2022 results on May 11, 2022. 2022 revenue and gross margin guidance mid-point of range.

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