

# Navian Marketing Report

## RF Devices/Modules For Cellular Terminal

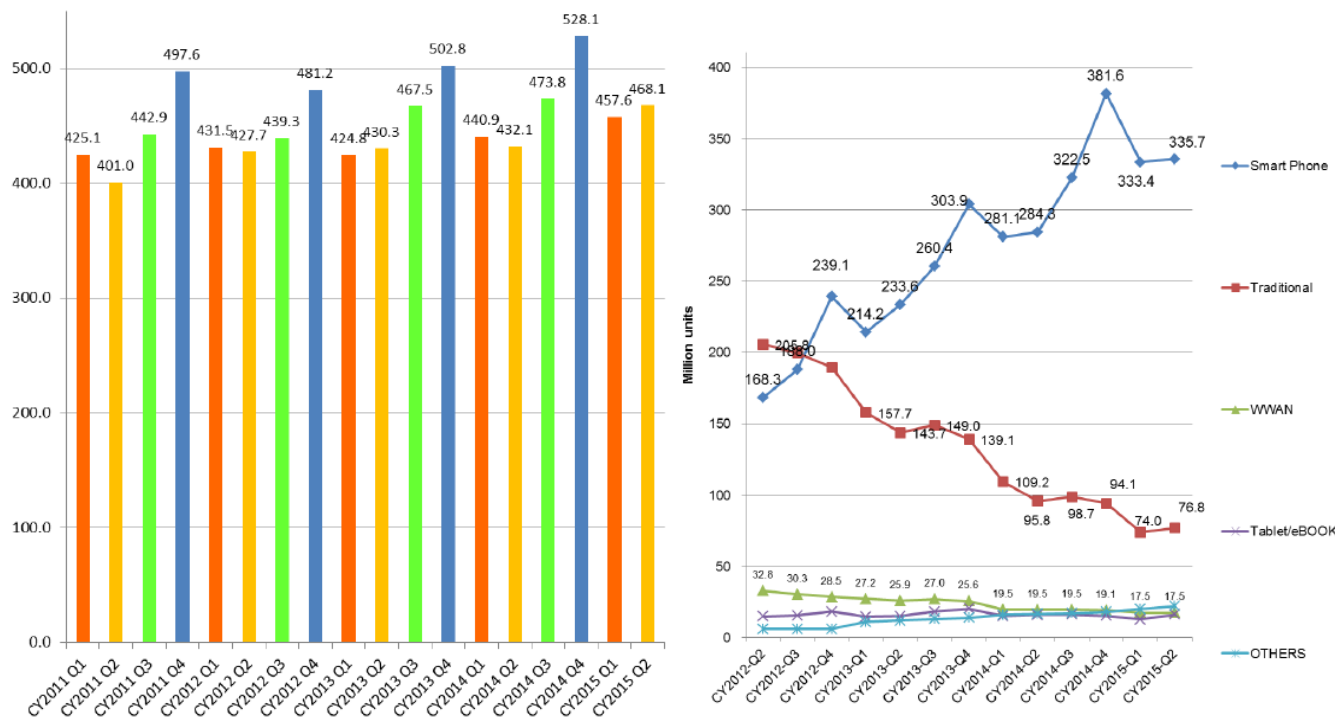
### Quarterly Market Report Q2 2015

2015年11月10日発刊

#### 本レポートで対象とする Cellular Terminal 用高周波部品・モジュール

- ① Front end Module (ASM・RX Module・TX Module・PAiD・FEMiD・All-in-One FEM・PAMiD・FILTER BANK・Duplexer Bank)
- ② Antenna Switch (Main RF/Diversity) Power Amplifier Module
- ④ Duplexer
- ⑤ Band Pass Filter
- ⑥ TCXO

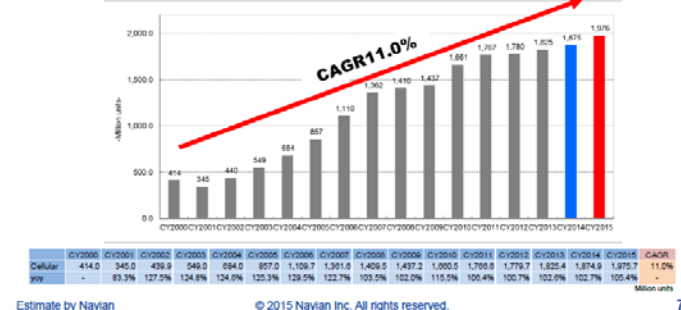
Cellular Terminal の製品タイプ別及び規格別出荷構成比 四半期推移



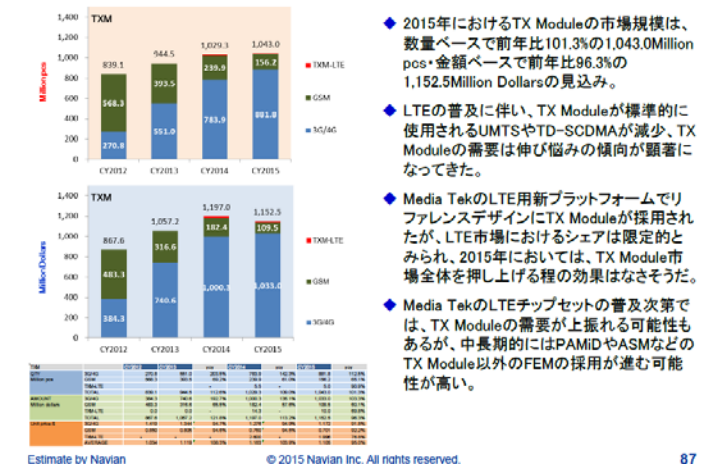
# Report Sample

#### Cellular Terminal Annual Shipment History & Forecast CY2000-CY2015

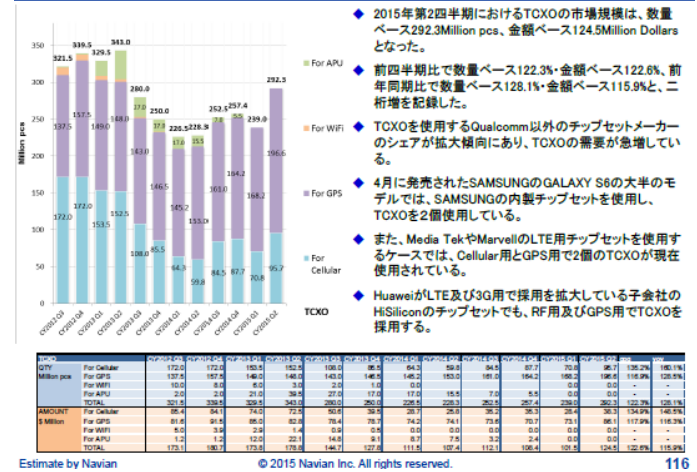
- ◆ 2015年のCellular Terminalの出荷規模は、前年比105.4%の1,975.7Million unitsを見込む。
- ◆ 2000年からの年平均伸び率(CAGR)は11.0%となる。
- ◆ 中国を始めとした新興国市場での低価格Smartphoneの需要の急増に加えて、中国におけるTD-LTEのサービス本格化によるLTE Smartphoneの需要拡大が牽引役となる。
- ◆ 今後の成長期待分野であるTabletやNotebook PCを始めとした非音声系のCellular Terminalの普及本格化は、2016年頃になりそうだと見込まれる。



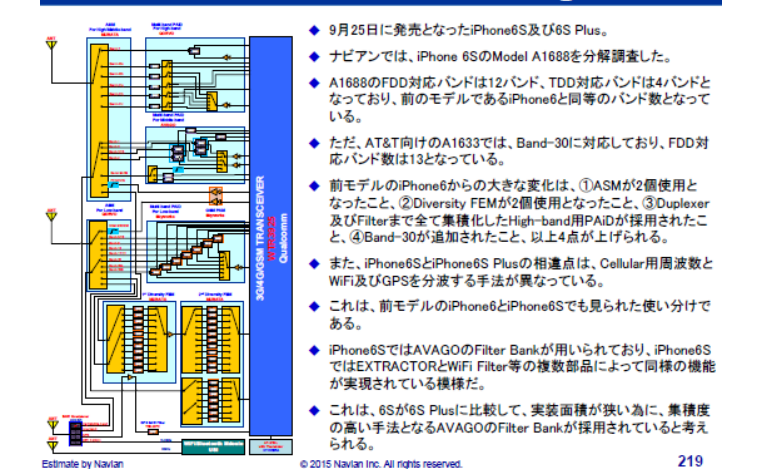
#### Market Forecast of TX Module in CY2015



#### 2Q 2015: TCXO Market Size



#### iPhone6S A1688 Blockdiagram



#### e-Book Reader / Tablet PC

#### WWAN Terminal / Adapter

#### Smart Phone

#### Traditional Handset / Mobile Phone

●お申し込みは同封の FAX 申し込み用紙又は電子メール・お電話にて承ります。

●内容等のお問い合わせは下記担当まで、お気軽にお申し付けください。

■資料発刊要領

**RF Devices/Modules For Cellular Terminal Quarterly Market Report Q2 2015 (4-6 月期)**

-CD-ROM (PDF file)-

○発刊日 2015年11月10日

○資料体裁 A4版 フルカラー 224スライド CD-ROM (PDF file) ※印刷物は付属いたしません

PDF file of report/Excel data/JPEG files of Teardown photos

○価格 150,000円(税別) ※168,000JPN for international customers

※年四回分のお申し込みの場合は 498,000円(税別)

※上記費用はローカライゼーションを対象としています。

※連結企業の総従業員数が10,000人以上の企業様では、国内の事業部門内又は部署内(子会社の場合は企業単位)のご利用に限定させていただきます。

■お問い合わせ・お申し込み先

有限会社 ナビアン

担当: 安藤 嘉泰 andoh@navian.co.jp

〒167-0041 東京都杉並区善福寺 2-18-2

TEL 03-5303-1303 FAX 03-5303-1304

※お支払いは、調査レポートのお届け後、弊社指定口座に現金でお振り込みください(請求書は書籍に同封)

Non-Voice

Voice

**PHASE 1. CELLULAR TERMINAL SHIPMENT AND UPDATE**

1. Cellular Terminal Quarterly Shipment History
2. Cellular Terminal Quarterly Shipment by Product Type
3. Cellular Terminal Quarterly Shipment by Standard
4. Cellular Terminal Annual Shipment
5. History & Forecast CY2000-CY2015
6. Annual Cellular Terminal Shipment Trend by Product Type
7. Annual Cellular Terminal Shipment Trend by Cellular Standard

**PHASE 2. SHIPMENT AND STATUS OF CELLULAR TERMINAL KEY MANUFACTURER**

1. Cellular Terminal Shipment by Maker & Product Type  
1Q 2012-2Q2015
2. Cellular Terminal Shipment by Maker & Cellular Standard  
1Q 2012-2Q2015
3. Annual Cellular Terminal Market Share Trend & Forecast
  - (1) Cellular Terminal Shipment by Manufacturer & Product Type  
CY2012-CY2015
  - (2) Cellular Terminal Shipment by Manufacturer & Cellular Standard  
CY2012-CY2015
4. RF Platform Market Share by Cellular Terminal Manufacturer
  - (1) UMTS RF Platform Market Share by Cellular Terminal Manufacturer  
Quarterly data: 1Q 2012-2Q2015  
Annual data: CY2011-CY2015
  - (2) UMTS RF Platform Market Share by Cellular Terminal Manufacturer  
Quarterly data: 1Q2011-2Q2015  
Annual data: CY2011-CY2015

**PHASE 3. RF Devices / Modules For Cellular Market Trend**

1. Front End Modules
  - (1) Quarterly Front End Module Market Trend
  - (2) Annual Front End Module Market Trend by CY2015
  - (3) Detailed Data of Front End Module Market
  - (4) 2Q2015 : Front End Module Market Size & Trend by Product
    - ① Antenna Switch Module
    - ② RX Module
    - ③ TX Module
    - ④ FEMiD
    - ⑤ All-in-One FEM

- ⑥ PAMiD
- ⑦ PAiD
- ⑧ Filter Bank
- ⑨ Duplexer Bank
2. Antenna Switches
  - (1) Antenna Switch Market Size in 2Q2015  
Antenna Switch TOTAL Market Size  
Antenna Switch for Main RF Market Size by Throw Count  
Antenna Switch for Main RF Market Size by Substrate  
Antenna Switch for Diversity Market Size by Substrate
  - (2) Quarterly Detailed Data of Antenna Switches
  - (3) Market Forecast of Antenna Switch in CY2015  
Market Forecast of Antenna Switch  
Market Forecast of Antenna Switch for Main RF by Throw Count  
Market Forecast of Antenna Switch for Main RF by Substrate  
Market Forecast of Antenna Switch for Diversity by Substrate
  - (4) Annual Detailed Data of Antenna Switch Market
3. Power Amplifier Module
  - (1) Power Amplifier Module Market Size in 2Q2015
  - (2) Market Forecast of Power Amplifier Module by Product Type in CY2015
  - (3) Annual Detailed Data of Power Amplifier Module Market
4. Duplexers
  - (1) Duplexer Market Size in 2Q2015
  - (2) Market Forecast of Duplexer by Band in CY2015
  - (3) Annual Detailed Data of Duplexer Market
5. Band Pass Filters
  - (1) Band Pass Filter Market Size in 2Q2015
  - (2) Market Forecast of Band Pass Filter in CY2015
6. TCXOs
  - (1) TCXO Market Size in 2Q2015
  - (2) Market Forecast of TCXO in CY2015

**PHASE 4. RF COMPONENT/MODULE KEY MANUFACTURER TREND**

1. Front End Modules
  - (1) Antenna Switch Module  
ASM Market Share for Q2 Result & CY2015 Forecast  
ASM Market Share Breakdown per Product Type
  - (2) RX Module  
RX Module Market Share for Q2 Result & CY2015 Forecast  
RX Module Market Share Breakdown per Product Type

- (3) TX Module  
TX Module Market Share for Q2 Result & CY2015 Forecast  
TX Module Market Share Breakdown per Product Type
- (4) FEMiD  
FEMiD Market Share for Q2 Result & CY2015 Forecast  
FEMiD Market Share Breakdown per Product Type
- (5) PAiD  
PAiD Market Share for Q2 Result & CY2015 Forecast  
PAiD Market Share Breakdown per Product Type
- (6) Filter Bank  
Filter Bank Market Share for Q2 Result & CY2015 Forecast  
Filter Bank Market Share Breakdown per Product Type  
Duplexer Bank Market Share for Q2 Result & CY2015 Forecast
2. Antenna Switches
  - (1) Antenna Switch Market Share for Q2 Result & CY2015 Forecast  
Antenna Switch for Main RF  
Antenna Switch for Main RF =>SP7T
  - (2) Quarterly Antenna Switch for Main RF Market Share Breakdown  
per Product Type
  - (3) Annual Antenna Switch for Main RF Market Share Breakdown  
per Product Type
  - (4) Quarterly Antenna Switch for Diversity Market Share Breakdown  
per Product Type
  - (5) Annual Antenna Switch for Diversity Market Share Breakdown  
per Product Type
  - (6) Antenna Switch Supply chain
3. Power Amplifier Module
  - (1) PAM Market Share for Q2 Result & CY2015 Forecast Forecast
  - (2) 3G/4G PAM Market Share for Q2 Result & CY2015 Forecast Forecast
  - (3) UMTS PAM Supply chain
  - (4) MM PAM Type & Supply Chain
  - (5) MM PAM Market Share for Q2 Result & CY2015 Forecast Forecast
  - (6) MM PA Shipment Breakdown per Manufacturer
  - (7) Quarterly PAM Market Share Breakdown per Product Type
  - (8) Annual Power Amplifier Module Market Share Breakdown  
per Product Type
4. Duplexers
  - (1) Duplexer Market Share for Q2 Result & CY2015 Forecast
  - (2) Duplexer Supply chain
  - (3) Quarterly Duplexer Market Share Breakdown per Product Type
  - (4) Annual Duplexer Market Share Breakdown per Product Type

5. Band Pass Filters
  - (1) BPF Market Share for Q2 Result & CY2015 Forecast Forecast
  - (2) BPF Market Share history by Product Type: SAW & BAW
6. TCXOs
  - (1) TCXO Market Share for Q2 Result & CY2015 Forecast Forecast
  - (2) TCXO Market Share Breakdown per Product Type
  - (3) TCXO Supply chain

**PHASE 5. Hot Products Teardown**

1. Teardown Summary  
Product outline: Product type/Release date/price/Network  
RF Components / Modules usage
2. S Meizu m2 note M571M  
- 5 mode Smart phone with MTK NEW Platform "MT6753"-
  - (1) RF Circuit Block-diagram Estimation
  - (2) Motherboard pictures & Major components/modules
  - (3) RF Section pictures & RF Components / Modules
3. Xiaomi Redmi 2A 4G  
- 3 mode Smart phone, the first modes using the LC1860 chipset-
  - (1) RF Circuit Block-diagram Estimation
  - (2) Motherboard pictures & Major components/modules
  - (3) RF Section pictures & RF Components / Modules
4. LeTV LE1 X600  
- High-end 5 mode Smartphone with MTK Helio X10 platform -
  - (1) RF Circuit Block-diagram Estimation
  - (2) Motherboard pictures & Major components/modules
  - (3) RF Section pictures & RF Components / Modules
5. Lenovo K80M  
- 5 mode Smart phone with Intel platform -
  - (1) RF Circuit Block-diagram Estimation
  - (2) Motherboard pictures & Major components/modules
  - (3) RF Section pictures & RF Components / Modules
6. Lenovo A1900  
- Low-end 3G Smartphone with Spreadtrum chipset -
  - (1) RF Circuit Block-diagram Estimation
  - (2) Motherboard pictures & Major components/modules
  - (3) RF Section pictures & RF Components / Modules
7. iPhone 6S A1688  
- Tentative Report -

# F A X 申 込 用 紙

有限会社ナビアン 行き

Fax : 03-5303-1304

(Tel:03-5303-1303)

- 「RF Devices/Modules For Cellular Terminal Quarterly Market Report」  
を下記の通り申し込みます。

Report Title	価格	数量
■RF Devices/Modules For Cellular Terminal Quarterly Market Report Q2 2015 -CD-ROM-	150,000 円(消費税別)	
■年間購読 (四半期レポート4回分)	_____年 第 _____ 四半期レポート から ※記入例 2015 年第 2 四半期レポートから	498,000 円(消費税別)

※上記費用はローカルライセンスを対象としています。

※連結企業の総従業員数が10,000人以上の企業様では、国内の事業部門内又は部署内(子会社の場合は企業単位)のご利用に限定させていただきます。

※日本国外のお客様は、168,000 円となります。

<mailto:info@navian.co.jp> 又は お電話 03-5303-1303

日 付	年		月	日
社 名				
所 属				
役 職		氏 名		印
E - m a i l	@			
住 所	〒 _____			
電 話		F A X		

※電子メールアドレスは、Gmail や YAHOO メールなどのフリーメール以外のメールアドレスをご記入下さい。

- 本レポートに対するご意見・ご要望などございましたら、下記にご記入ください。

---



---



---



---



---



---



---



---