

# Navian Marketing Report

## RF Devices/Modules For Cellular Terminal

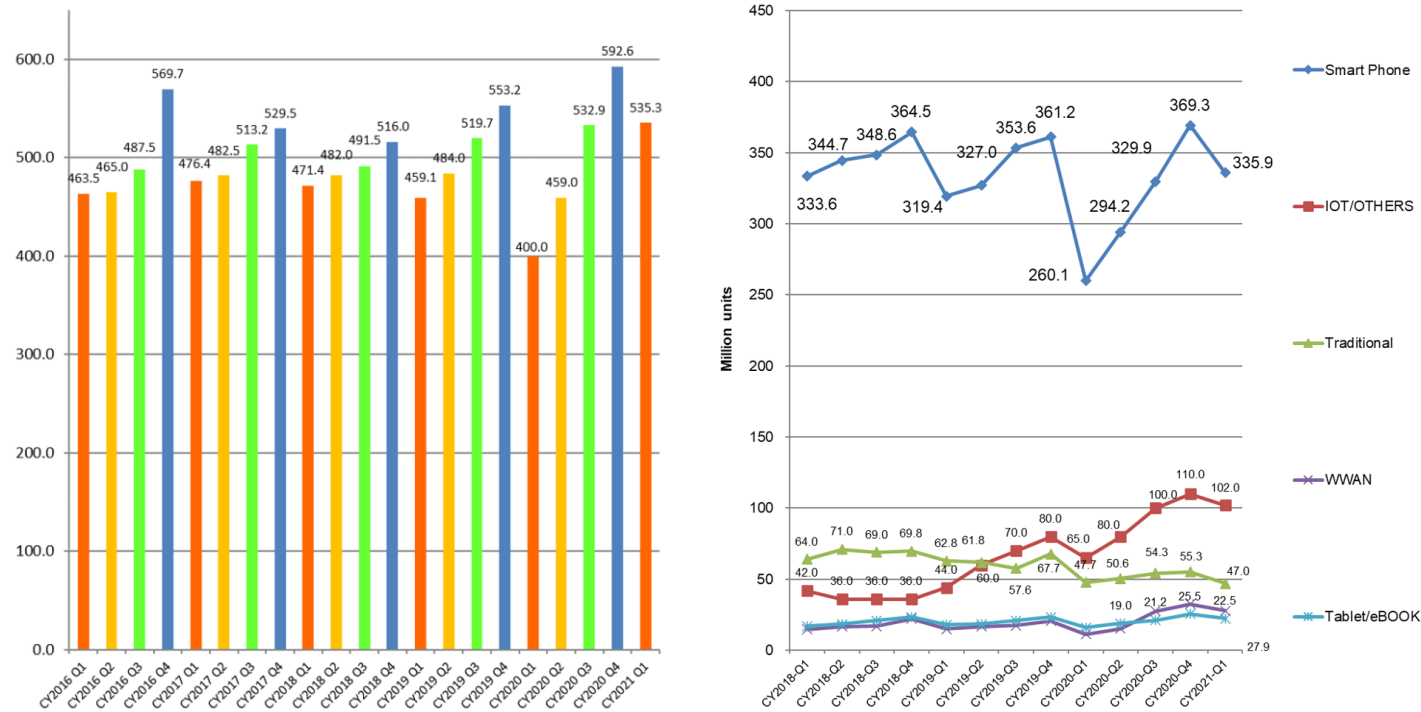
### Quarterly Market Report Q1 2021

2021年7月12日発行

#### 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・TX Module・PAiD・FEMiD・All-in-One FEM・PAMiD・5G TX Module/PAMiF-NEW・ Multiplexer・A-Multiplexer・5G RX Module-NEW)
- 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



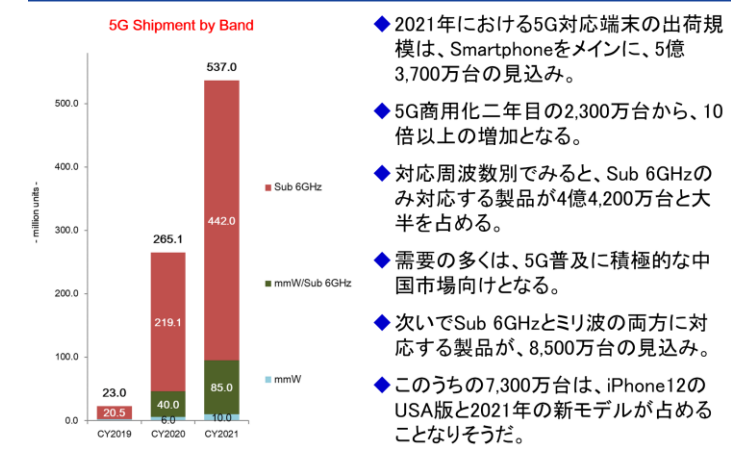
Non-Voice

Voice

# Report Sample

#### 5G Smartphone Shipment CY2019-CY2021

~Sub 6GHz対応がメイン、ミリ波対応はiPhoneがメイン~



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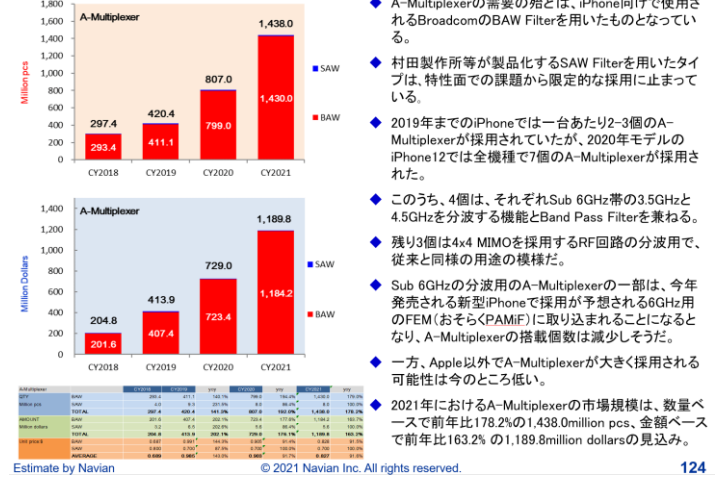
#### Teardown of 21 IOT Modules

- ◆本レポートでは、21個のIOT ModuleのTeardownを行った。
- ◆TeardownしたIOT Moduleの規格の内訳は、NB-IOT 5個・CAT-M1/NB-IOT (Dual mode)・7個・LTE CAT-1が4個、CAT-4が5となっている。
- ◆IOT Moduleメーカーの内訳は、。Quectel 6個・U-Blox 2個・SIMCom 5個・NimbleLink 1個・Sequans Communications 1個・Sierra Wireless 2個・Telit 2個・Thales DIS (formerly Gemalto) 1個・Huawei 1個となっている。

IOT Modules	Quectel	U-Blox	SIMCom	NimbleLink	Sequans	Sierra	Telit	Thales	Huawei	TOTAL	Share
NB-IOT	3	2								5	23.8%
CAT M1/NB-IoT			2	1	1	2	1			7	33.3%
LTE CAT1			3						1	4	19.0%
LTE CAT4	3									3	14.3%
TOTAL	6	2	5	1	1	2	2	1	1	21	100.0%
Share	28.6%	9.5%	23.8%	4.8%	4.8%	9.5%	9.5%	4.8%	4.8%		

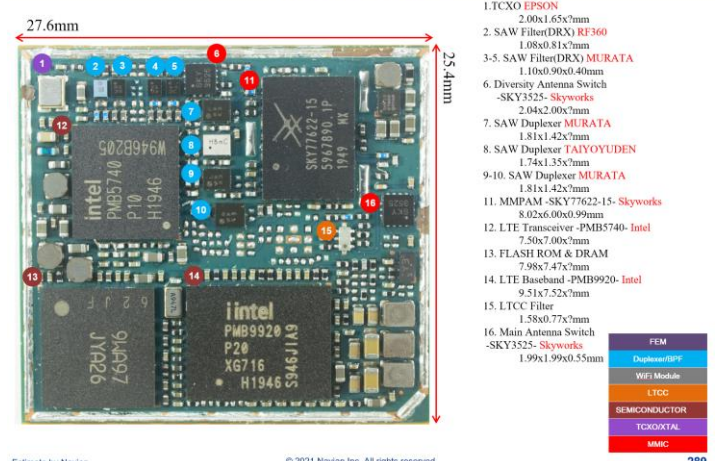
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#### Market Forecast of A-Multiplexer in CY2021



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#### Thales ELS61-US/USA Motherboard



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■資料発刊要領

### RF Devices/Modules For Cellular Terminal Quarterly Market Report Q1 2021

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**PHASE 1. CELLULAR TERMINAL SHIPMENT  
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  - ③Quectel-BC28-NB-IOT
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  - ⑤U-Blox-SARA-N201-02B-NB-IOT
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  - ⑭SIMCom-SIM7600G-LTE CAT1
  - ⑮SIMCom-SIM7600E L1C-LTE CAT1
  - ⑯Thales DIS-ELS61-US REL.2-LTE CAT1
  - ⑰Telit-LN930-AP DW5814e-LTE CAT4
  - ⑱Huawei-ME909s-821A V2-LTE CAT4
  - ⑲Quectel-EC25-E-LTE CAT4
  - ⑳Quectel-EC25-AU-LTE CAT4
  - ㉑Quectel-EC25 -AF-LTE CAT4

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- 「RF Devices/Modules For Cellular Terminal Quarterly Market Report」  
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