

**Asia Pacific 5G  
Revenues, 2020 –  
2025: *How much and  
where will mobile  
consumers spend?***

Market Study  
Second Quarter, 2021





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# **Asia Pacific 5G Revenues, 2020 – 2025: *How much and where will mobile consumers spend?***

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## **A Market Study**

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# Table of Contents

<b>Abstract</b> .....	<b>1</b>
<b>Executive Summary</b> .....	<b>3</b>
<b>Asia Pacific 5G Revenue Model</b> .....	<b>3</b>
5G Mobile Service .....	3
5G IoT .....	4
5G Fixed Wireless Access .....	4
5G Advertising .....	5
5G Entertainment.....	5
5G Gaming.....	6
COVID Impact .....	6
Total Revenue.....	6
Figure A: Total Annual 5G Revenue (\$M), 2020-2025 .....	7
<b>What This Means</b> .....	<b>7</b>
<b>Methodology</b> .....	<b>8</b>
<b>Terminology</b> .....	<b>8</b>
<b>Connections and Subscribers</b> .....	<b>9</b>
<b>5G Defined</b> .....	<b>10</b>
<b>eMBB</b> .....	<b>10</b>
<b>URLLC</b> .....	<b>11</b>
<b>mMTC</b> .....	<b>11</b>
<b>5G Services and Use Cases</b> .....	<b>12</b>
<b>Challenges Along the Road to 5G</b> .....	<b>12</b>
<b>Asia Pacific Spectrum and 5G Networks</b> .....	<b>14</b>
<b>Australia</b> .....	<b>14</b>
Spectrum .....	14
Optus .....	14
Telstra.....	14
<b>China</b> .....	<b>14</b>
Spectrum .....	14
China Mobile .....	14
China Telecom .....	15
China Unicom .....	15
<b>Hong Kong</b> .....	<b>15</b>
Spectrum .....	15
China Mobile Hong Kong .....	15
Hutchison (3 Hong Kong).....	15
HKT .....	16
SmarTone .....	16
<b>India</b> .....	<b>16</b>
Spectrum .....	16

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Bharti Airtel .....	16
Reliance Jio .....	16
Vodafone Idea (VI).....	16
<b>Indonesia.....</b>	<b>16</b>
Spectrum .....	16
<b>Japan .....</b>	<b>17</b>
Spectrum .....	17
KDDI.....	17
NTT DoCoMo .....	17
Softbank .....	17
Rakuten .....	17
<b>New Zealand .....</b>	<b>17</b>
Spectrum .....	17
Spark.....	18
Vodafone New Zealand .....	18
2degrees.....	18
<b>Philippines.....</b>	<b>18</b>
Globe .....	18
PLDT .....	18
<b>Singapore .....</b>	<b>18</b>
Spectrum .....	18
Singtel.....	19
M1 .....	19
StarHub.....	19
<b>South Korea.....</b>	<b>19</b>
Spectrum .....	19
5G Deployment .....	19
KT.....	19
LG Uplus .....	20
SK Telecom .....	20
<b>Taiwan .....</b>	<b>20</b>
Spectrum .....	20
APT .....	20
Chunghwa Telecom .....	20
Far EasTone Telecommunications (FET).....	20
Taiwan Mobile.....	20
Taiwan Star.....	20
<b>Thailand .....</b>	<b>21</b>
Spectrum .....	21
AIS .....	21
True .....	21
DTAC.....	21
<b>5G Revenue Sources.....</b>	<b>22</b>
Figure 1: Revenue Sources in the 5G Ecosystem.....	22
<b>5G Mobile Service.....</b>	<b>23</b>

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5G IoT .....	23
5G Fixed Wireless Access .....	24
5G Advertising .....	24
5G Entertainment .....	25
5G Gaming.....	25
Network slicing.....	26
<b>5G Revenue Model Assumptions .....</b>	<b>27</b>
Overall Assumptions.....	27
Mobile Service Revenue Assumptions .....	27
IoT Revenue Assumptions.....	28
Fixed Wireless Revenue Assumptions .....	28
Advertising Revenue Assumptions.....	29
Entertainment Revenue Assumptions.....	30
Gaming Revenue Assumptions .....	30
<b>Asia Pacific 5G Revenue Model.....</b>	<b>32</b>
<b>5G Connections and Subscribers .....</b>	<b>32</b>
Table 1: Asia Pacific 5G Connections and Subscribers (000), 2020-2025 .....	32
Figure 2: Asia Pacific 5G Connections and Subscribers (000), 2020-2025.....	32
<b>Revenue from 5G Mobile Broadband Services .....</b>	<b>33</b>
Table 2: ARPU and Revenue(\$M) from 5G Mobile Services, 2020-2025.....	33
Figure 3: Revenue (\$M) from 5G Mobile Services, 2020-2025 .....	34
<b>Revenue from 5G IoT .....</b>	<b>34</b>
Table 3: 5G IoT Connections, 2020-2025 .....	34
Figure 4: 5G IoT Connections, 2020-2025 .....	35
Table 4: ARPU and Revenue(\$M) from 5G IoT, 2020-2025 .....	36
Figure 5: Revenue(\$M) from 5G IoT, 2020-2025.....	36
<b>Revenue from 5G Fixed Wireless Access .....</b>	<b>36</b>
Table 5: 5G Fixed Wireless Access Connections, 2020-2025.....	37
Figure 6: 5G Fixed Wireless Access Connections, 2020-2025.....	37
Table 6: ARPU and Revenue(\$M) from Fixed Wireless Access, 2020-2025.....	37
Figure 7: Annual Revenue (\$M) from 5G Fixed Wireless Access Services, 2020-2025 .....	38
<b>Revenue from Advertising .....</b>	<b>38</b>
Table 7: CPM Amount and Annual Revenue from 5G Advertising, 2020-2025 .....	39
Figure 8: Annual Revenue (\$M) from 5G Advertising, 2020-2025 .....	39
<b>Revenue from 5G Entertainment Services.....</b>	<b>39</b>
Table 8: ARPU and Annual Revenue from 5G Entertainment Services, 2020-2025 .....	40
Figure 9: Annual Revenue from 5G Entertainment Services, 2020-2025.....	40
<b>Revenue from 5G Gaming.....</b>	<b>40</b>
Table 9: Monthly Spend and Annual Revenue from 5G Gaming, 2020-2025.....	41
Figure 10: Annual Revenue (\$M) from Subscription and Pay-per-game 5G Gaming, 2020-2025.....	42
Figure 11: Annual Revenue from 5G Gaming, 2020-2025.....	42
<b>Total 5G Revenue .....</b>	<b>42</b>
Table 10: Total Annual 5G Revenue (\$M) by Service, 2020-2025 .....	43
Figure 12: Total Annual 5G Revenue (\$M) by Service, 2020-2025 .....	43

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Figure 13: Total Annual 5G Revenue (\$M), 2020-2025 .....	44
Table 11: Total Annual 5G Revenue by Service (Percent), 2020-2025 .....	44
Figure 14: Total Annual 5G Revenue by Service (Percent), 2020-2025 .....	45
Table 12: Blended ARPU for all 5G Services, 2020-2025 .....	46
Figure 15: Blended ARPU for all 5G Services, 2020-2025 .....	46
<b>Definitions .....</b>	<b>47</b>
Definitions Table .....	47
<b>About iGR.....</b>	<b>65</b>
<b>Disclaimer .....</b>	<b>65</b>

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## Abstract

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5G has arrived in the Asia Pacific region. Several major mobile operators have launched networks using the non-standalone 5G NR standard, and 5G mobile phones are readily available for mobile consumers in the region. The industry is looking forward to using 5G's capabilities to provide faster speeds to consumers and to support many use cases.

Because a significant amount has been invested to make 5G a reality in the Asia Pacific region and will continue to be invested for many years, it is important to look at the revenues that can be generated with the new technology.

In this market study, *iGR* presents a model for potential 5G revenues in the Asia Pacific region from 2020 to 2025. It is important to note that although the mobile operators have been the investors in the 5G network, the revenue generated from the 5G ecosystem will be spread among many additional entities such as content providers, cloud providers, gaming developers, and advertisers. This model does not include revenues from 5G devices or applications.

Included in the model are six major sources of revenue provided by the 5G ecosystem. These include:

- 5G Mobile Service
- 5G IoT
- 5G Fixed Wireless Access
- 5G Advertising
- 5G Entertainment Services
- 5G Gaming.

The business model for the seventh potential source of revenue, network slicing, is still too undefined to be included in the model.

This market study provides a five-year forecast for potential 5G revenue. The potential revenues provided by mobile, IoT, fixed wireless access, advertising, entertainment and gaming services are presented separately. This market study also provides information about 5G and the status of several major Asia Pacific mobile operators' 5G networks.

Key questions addressed in this market study include:

- What is 5G and some of its expected use cases?

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- How many 5G connections can be expected in Asia Pacific from 2020 to 2025?
- What are potential sources of revenue for 5G networks?
- What is the 5G mobile subscription service model and how much revenue will be generated?
- What is the business model for 5G IoT and how much revenue will be generated?
- What is 5G fixed wireless access and how much revenue can be generated by the service?
- How will 5G advertising generate revenue and how much can be expected?
- What is the model for 5G-based entertainment services? How much revenue will it provide?
- What is the model for 5G-based gaming? How much revenue will it provide?
- How does each source of 5G revenue compare? Which is the most significant?
- What are the total revenues expected from the 5G ecosystem from 2020 to 2025?

Who should read this market study?

- Mobile operators
- Mobile device OEMs
- Mobile service and application developers
- IoT vendors and solutions providers
- Infrastructure OEMs
- Financial analysts and investors.

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