

**Updated  
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# PMP and mmwave Regulatory Research

The **point to multi-point** and **mmwave** regulatory research is the **only database** in the market that provides spectrum details needed to understand the current status of higher band opportunities. Provided in a user-friendly Excel spreadsheet, the first set of data includes regulatory information for more 40 countries coming **directly from regulators and license holders**.

## Frequency bands covered include:

<b>10.5GHz</b>	10.15 - 10.65GHz (ITU-R F.1568)
<b>12.5GHz MVDDS</b>	12.20 - 12.35GHz / 12.55 - 12.70GHz
<b>26GHz</b>	24.5 - 26.5GHz (ITU-R F.748-4)
<b>28GHz</b>	27.5 - 29.5GHz (ITU-R F.748-4)
<b>31GHz</b>	31.0 - 31.3GHz
<b>39GHz</b>	38.6 - 40.0GHz
<b>42GHz</b>	40.5GHz to 43.5GHz with a 1.5GHz T-R spacing: ITU-R F.2005
<b>60GHz</b>	Lightly Licensed or unlicensed
<b>70-80 GHz</b>	Lightly Licensed or unlicensed



## Fields covered include for each country:

### TECHNICAL INFORMATION

- Country
- Frequency band
- Frequency range
- Is spectrum used (Yes/No)
- Is spectrum licensed? (Yes/No)

- Is PMP allowed? (Yes/No)
- License fee arrangements?
- Are substantial service / usage obligations in place? (Yes/No)
- Band plan?
- Which carriers/ISPs own the spectrum?

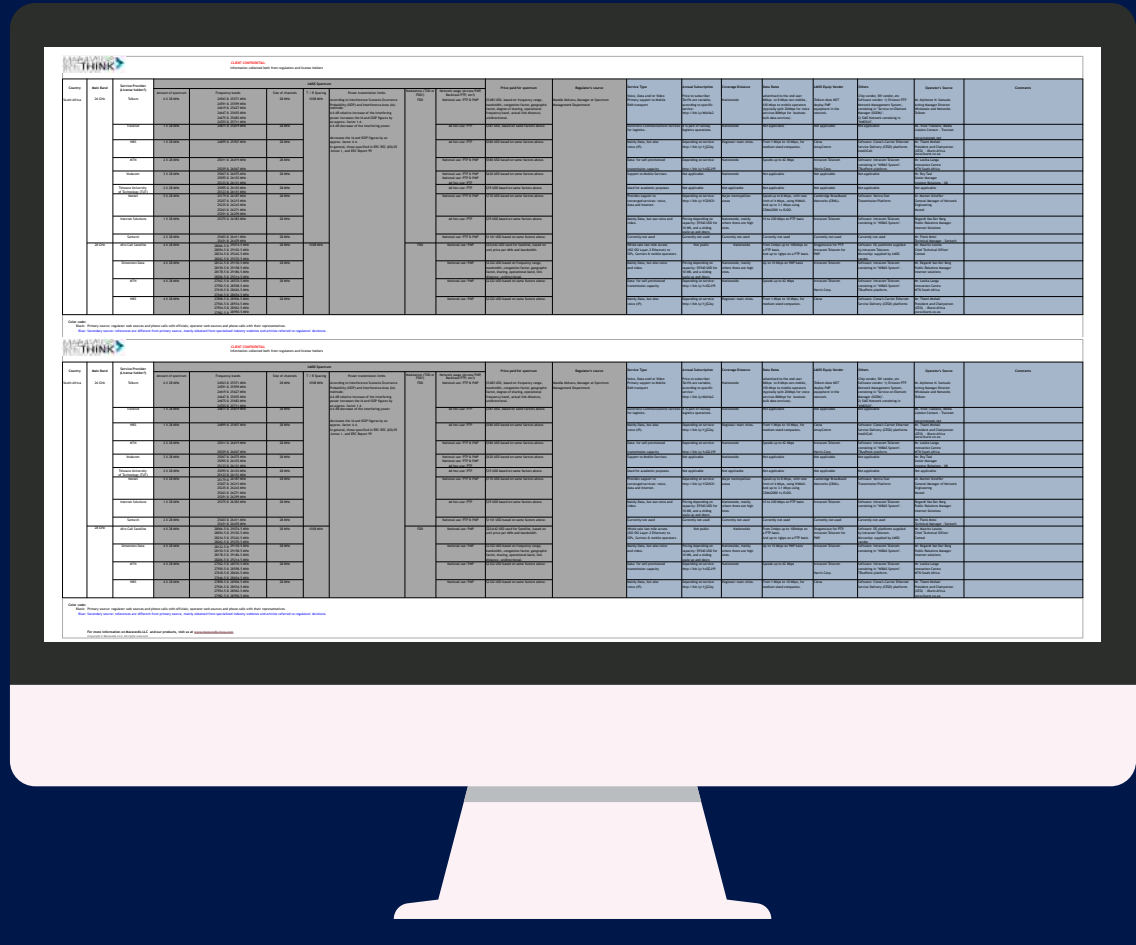
- How much does each carrier/ISP own? (MHz/GHz)
- How much spectrum does each owner use? (MHz/GHz)
- Current use case of spectrum?
- References

### LICENSING INFORMATION

- Region
- Country
- Operator/ISP
- Does the operator/ISP own

- spectrum own/lease between 10.5GHz and 42GHz? (yes/no)
- Is the operator/ISP using the spectrum? (yes/no)
- How much spectrum is the operator/ISP using? (MHz/GHz)

- What is the operator/ISP using the spectrum for?
- If spectrum is not used is there product on market to operate radio transmission in the band?



Data provided is not only powerful, but also **reliable** since most of the information is obtained directly from regulators and/or license holders in each country, through interviews, last resolutions, updated channel plans and national frequency allocation plans.

## More than 40 countries covered including:

**Analyst Support**

**Hundreds of License holders**

<b>NORTH AMERICA</b> USA Canada Mexico	<b>LATIN AMERICA</b> Bolivia Colombia Ecuador El Salvador	<b>EUROPE</b> Guatemala Honduras Mexico Paraguay Brazil Peru Bulgaria France	<b>APAC</b> Russia Turkey Ukraine Germany Italy Netherlands India Indonesia	<b>MEA</b> Algeria DRC Egypt Senegal Sudan	<b>Africa</b> Malaysia Philippines Sri Lanka Thailand Vietnam Kazakhstan China Japan Bangladesh	<b>Other</b> Burma Fiji South Korea Uganda Iraq Botswana Cote d'Ivoire Ethiopia Uganda
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## Who should use this database?

**SERVICE PROVIDERS:** Identify new spectrum opportunities for LMDS, PMP and mmwave.

**EQUIPMENT VENDORS:** Identify new prospects among spectrum owners. Understand regulatory trends for your Product line development.

**FINANCIERS:** Uncovering investment opportunities in various regions and identify spectrum holders.

**CONSULTANTS AND OTHERS:** Developing a strategic and detailed understanding of key regulatory trends by country.

**Learn More at**