

GSA Welcome Pack for Members, Associates & Subscribers

Welcome to GSA

About Global mobile Suppliers Association

GSA (the Global mobile Suppliers Association) is a not-for-profit industry trade body representing companies across the worldwide mobile ecosystem who are engaged in the supply of infrastructure, semiconductors, test equipment, devices, applications and mobile support services.

Focus

GSA actively promotes the 3GPP technology road-map – 3G, 4G, 5G, – and is a single source of information for industry reports and market intelligence. Members drive the GSA agenda and define the communications and development strategy for the association.

History

GSA was formed in October 1998 with the objective to promote the interests of mobile suppliers and to report on industry progress on the global deployment and availability of 3GPP technologies.

In 2009, GSA launched the industry database GAMBoD, GSA Analyser for Mobile Broadband Devices, with access for GSA Member companies. In 2017 GAMBoD was extended to include coverage of Networks, Technologies and Spectrum and was renamed GSA Analyser for Mobile Broadband Databases. Today GAMBoD is renowned for its up-to-date industry information and is the basis for many GSA reports. Access is also open to non-Members via an annual Associate subscription.

Industry Representations

GSA is a Market Representation Partner in 3GPP, an Associate Representative of CITELE and co-operates with other key organisations including ETSI, GSMA, ITU, CEPT-ECC, COAI and other industry bodies.

GSA Member, Associate & Subscriber

Members

GSA Members are companies who meet the GSA Membership criteria and are active in the global mobile ecosystem.

Executive Members

Executive Members form the GSA Executive Board which is the leadership team of GSA. As of January 2021 the Executive Board members are:



Executive Members set the direction and strategy for GSA as well as annual objectives and the GSA budget. Executive Members Chair and participate in working and marketing interest groups and lead forum steering teams.

Ordinary Members

Ordinary Members support GSA activities and can participate in GSA working and marketing interest groups and forums. They can suggest new areas of research and join industry white paper projects.

Associates

Associates are companies that do not meet the GSA Membership criteria or companies who only want access to the full range of GSA resources including GAMBoD.

A full list of Associates can be found on the GSA web site.

A Member or Associate automatically has Partner status in any GSA Forum they participate in.

GSA Resources

The full range of GSA resources is available to registered web site users who are employed by a GSA Member or Associate company. GSA resources include detailed reports, the GAMBoD databases and access to the GSA research team for data queries.

GSA Members and Associates can also promote their own industry white papers and presentations via the GSA web site and these are also freely available for all users to download.

Industry Regulators and Government agencies

A discounted annual Associate fee is available for industry regulators and government agencies.

Contact

For more information on GSA Membership or Associate subscription go to <https://gsacom.com/join>

Subscribers

Subscribers are registered web site users who are not employed by a GSA Member or Associate company. Subscribers get access to free-to-download reports from the website once they are logged into the site. There is no access to GAMBoD databases.

Subscribers - general access

Many GSA reports are free to download by Subscribers who have logged-in. These reports generally contain high level executive summaries, generalised data and charts that share the latest facts and figures from GSA research team.

Accessing GSA resources

User registration

To download GSA reports a user registration must be completed via the GSA web site at: <https://gsacom.com/registration>.

Access to GSA resources is linked to the user email domain so it is important that users register with their company email address wherever possible.

Why do we ask for your email address?

Once you complete your registration you are granted access to all free GSA reports. We also automatically send a "confirm your registration" link to your email account.

If your company is a GSA Executive Member, Ordinary Member or GSA Associate, clicking on the registration link will update your GSA website profile granting you full access to Member/Associate reports and GAMBoD databases.

The email registration link may go to your junk folder so please check there if it is not received.

If you don't get the registration link and your company access is not confirmed, you can contact support at: admin@gsacom.com.

Privacy

GSA never shares registered user email or user details with any third party. Company domain names (@company-name.com) without the user name details, are used to count report downloads and analyse which companies are using GSA services.

You can check the GSA Privacy Policy at: <https://gsacom.com/privacy-policy/>.

Membership & Associate fees

Membership fees are split into Executive Membership, Ordinary Membership and New Venture Partners (for start up companies that are pre-revenue). Fees are set by the Executive board.

Associates subscribe annually to gain access to GSA resources.

Membership fees and the Associate subscriptions cover all company employees who register on the GSA web site with a company email address.

GAMBoD

The majority of GSA reports are based on data stored in the GAMBoD databases. GSA will continue to add new database areas to GAMBoD to reflect the growing diversity of the industry and emerging segments.

GSA Members and Associates have full access to GAMBoD databases and can also suggest new topic areas the research team may decide to investigate.

GAMBoD databases

GAMBoD is split into a number of database areas. See figure 1.



Figure 1: GAMBoD database layout

Devices database

LTE (4G) and 5G devices can be searched and filtered by various criteria. See figure 2.

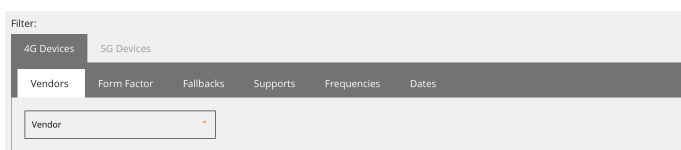


Figure 2: Device search and filters

Device search and filters are similar for 5G devices with the exception that additional 5G spectrum bands and features can be searched. Figures 3 & 4.



Figure 3: 5G Frequency bands

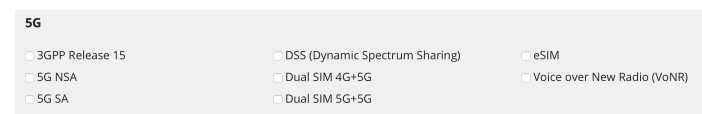


Figure 4: 5G Features

NTS Database

The Networks, Technologies and Spectrum database provides a snapshot into what networks have been launched, are being trialled or are in pre-launch.

4G and 5G networks can be searched and filtered by various criteria to focus the search results. Figure 5.

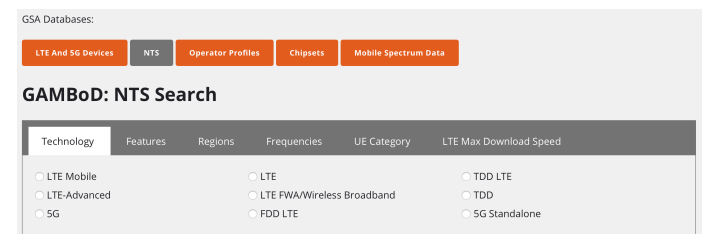


Figure 5: NTS search categories

Spectrum

Spectrum searches are one of the most popular searched criteria in GAMBoD. Any combination of 4G or 5G bands can be selected to output a list of networks that support single or multiple band combinations.

Operator Database

The NTS and Operator databases are linked. It is possible to search the database by operator and see the full list of network type, features, as well as spectrum utilization and allocation.

Chipset database

A 2019 addition to GAMBoD is the ability to search by chipset type amongst other features. Figure 6.

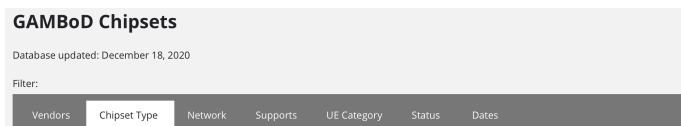


Figure 6: Chipset database options

GAMBoD output

The basic format of searches is as a filtered list. There is also the option to view the data as a graph with percentages or values displayed. Figure 7 shows an example of a search of 5G Devices supporting C-Band, displayed as a percentage of the total 5G devices in the database.

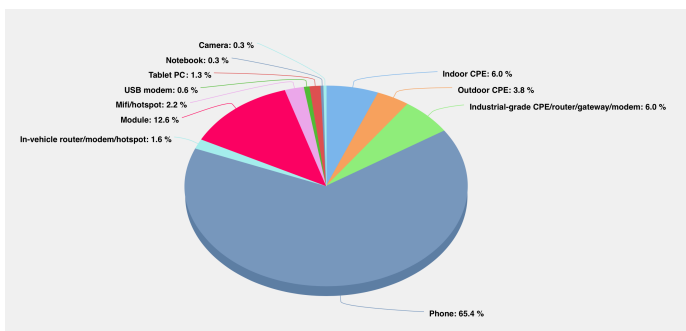


Figure 7: 5G Devices pie chart - Search Bands n77, n78, n79

Mobile Spectrum Usage database

Introduced at the end of 2020 as a beta release, the Spectrum Usage database tracks the allocation of spectrum covering operators in over 100 countries.

The GSA research team have tracked the exact band allocation per operator, where this is available. Additional countries will be added as the database is expanded.

The database is split into Low-band, Mid-band and High-band segments to simplify searches. Figure 8.

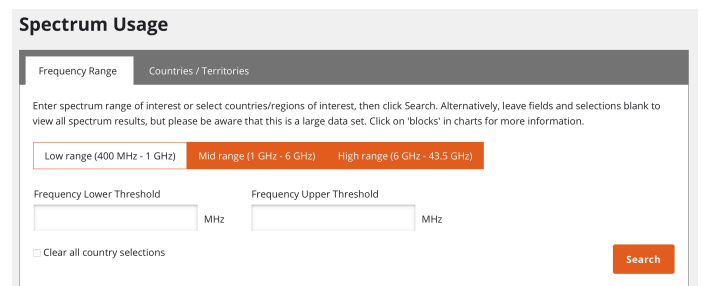


Figure 8: Spectrum Usage database search screen

The results are shown as a set of frequency bars per country split by operator allocation. Clicking on the allocation opens up a dialogue box with details of that particular band range. Figure 9.

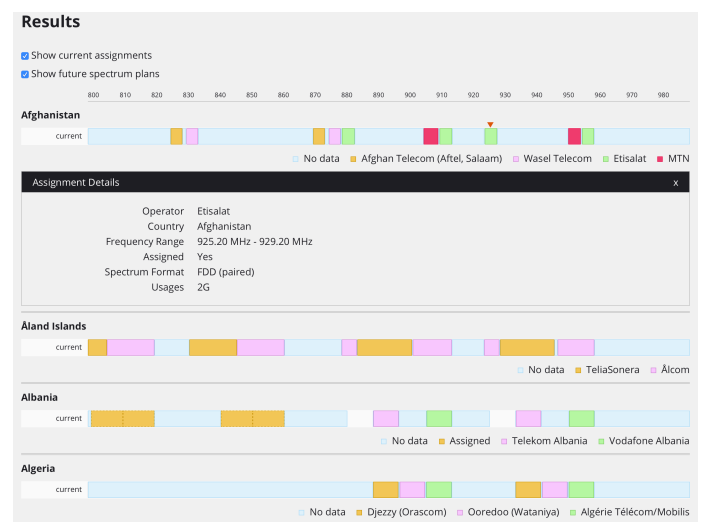


Figure 9: Spectrum Usage search of 800-990 MHz band

Some GAMBoD searches can be downloaded as a CSV file to support additional off line analysis.

GAMBoD will continue to be developed and enhanced to keep pace with industry developments and evolution of 3GPP specifications.

Other Member and Associate benefits

GSA Members can actively participate in GSA projects and Work Groups to support their own business objectives. Member companies that are active leaders in the mobile ecosystem can be invited to join the GSA Executive Board.

There is also one Ordinary Member representative who sits on the Executive Board to ensure Ordinary Members have a voice in the GSA Executive Leadership forum.

Members and Associates can post and promote their own industry white-papers and presentations via the GSA web site - 1 per month for Members and 1 per quarter for Associates.

Download statistics of these postings and a list of their own company users registered on the GSA web site can be obtained via the GSA Dashboard for company Moderators. Each Member or Associate can have one user allocated Moderator rights. Figure 10.

Members and Associates also gain full Partner status in GSA Forums. See 4G-5G FWA Forum.

4G-5G Fixed Wireless Access Forum

The FWA Forum promotes the global adoption of FWA services and products and is comprised of Partners, Members and Observers. Partners can take leadership roles in the Steering Team and Working Groups. FWA Forum Members can join Working Groups to support Forum activities such as the FWA Forum Catalogue, Industry Surveys and Events Program. Other Working Groups can be established to meet the Forum objectives, agreed by the Forum Partners and Members.

Observers are those companies who want to follow the progress of the Forum work.

4G-5G FWA Forum Events, including webinars and bi-annual Plenaries are open to the public. Partners are able to propose speakers for Forum events.

Membership Benefits

For a full list of GSA Member or Associate benefits, or to request to join the 4G-5G FWA Forum, please email admin@gsacom.com.

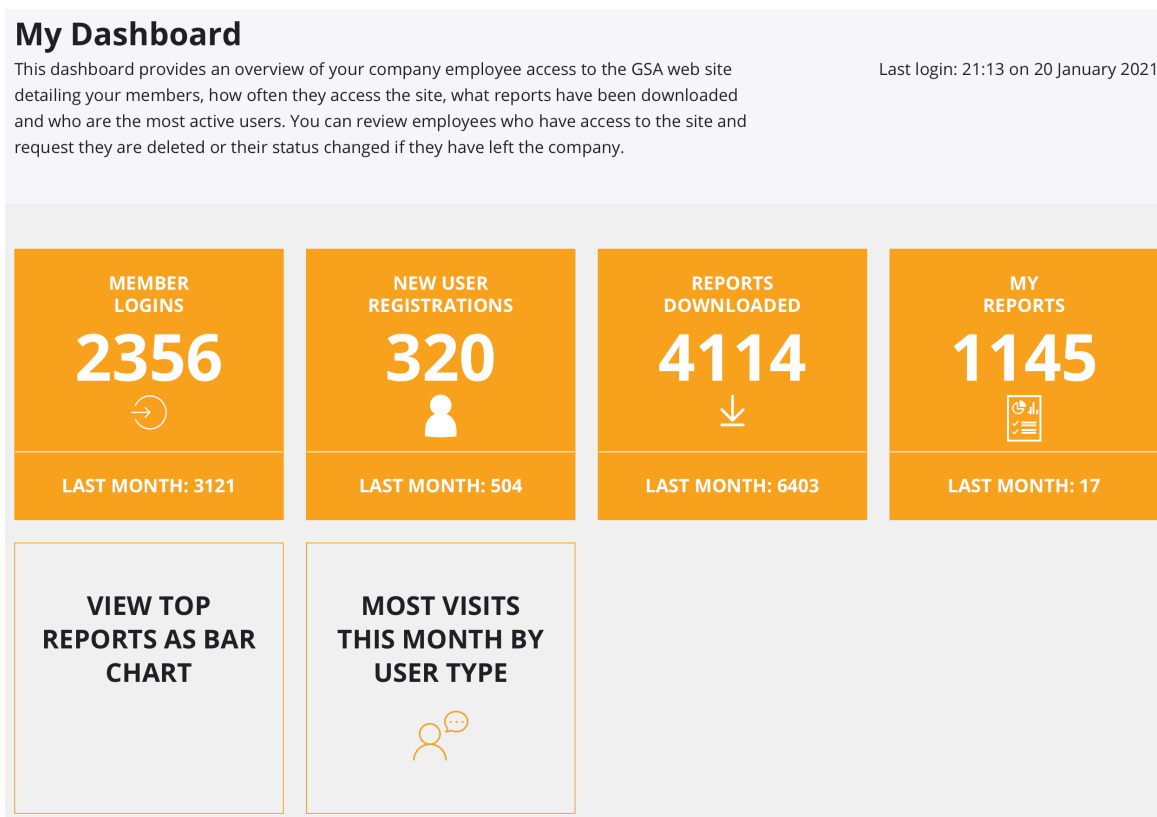


Figure 10: GSA Dashboard for Company Moderators



The Industry Voice of the Global Mobile Ecosystem



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