

Multi-Mode Multi-Band Device Requirements and Architectures (including Roaming)

Progress Update Since 3rd GTI Workshop in Feb 2012

GTI's MM-MB Task Force

Tokyo, April 24th , 2012

- **Summarizes GTI's MM-MB and key LTE device technology requirements.**
- **Provides clear direction to device ecosystem in the development of global smartphone designs , and other type of devices.**
- **Expands GTI industry impact and influence by reaching to a larger community of industry players.**
- **Paper completed and waiting for GTI publication approval.**
- **All GTI members encouraged to endorse the work.**

- **3rd GTI workshop took the decision to start development of a MM-MB personal hotspot device.**
- **Completed product definition and LTE technology requirements associated with it. Currently under review by MM-MB task force.**
- **Product supports FDD/TD-LTE, HSPA, and 2G technologies.**
- **Product design will be based on two different chipset solutions (i.e. Qualcomm and HiSilicon).**
- **Working with OEMs (i.e. Gemtek, Huawei) on the development of this product.**
- **GTI members encouraged to be part of this activity and generate economies of scale and take advantage of this work.**

- Clearwire in sponsoring a IWPC workshop on 2.3-2.7GHz RF Architectures for Worldwide 4G Global Roaming Devices.

The screenshot shows the IWPC website for the workshop. At the top left is the IWPC logo with the tagline 'The International Wireless Industry Consortium™'. To its right are links for 'Contact Us', 'About IWPC', 'Testimonials', and 'Home'. Further right is a 'Print' icon and the text 'Interactive Workshop'. Below this is a navigation bar with 'Agenda', 'Register', and 'FAQs'. The main content area has a blue header with the title '2.3 to 2.7 GHz RF Architectures for Worldwide 4G Global Roaming Devices' and a subtitle 'Combining Band 7 (FDD) & Band 38/40/41 (TDD) as a Single Frequency Range for 4G Worldwide Roaming'. Below this is the text 'Defining RF Front-End Architectures for Multi-Mode Multi-Band Devices'. To the right, it says 'Hosted by: clearwire®'. At the bottom, there are three buttons: 'When' (June 4 - 6, 2012), 'Where' (Westin Washington Dulles Airport Hotel, Herndon, VA USA, with a link to 'MORE HOTEL INFO >>'), and 'Register' (Limited to 100 seats, First Registered, First Served! No Press. No Analysts. No Consultants. No 3rd Party Sales Reps.).

- GTI members are strongly encouraged to attend and present their needs as 2.3-2.7GHz bands are part of core GTI band requirements.
- Further information about the event can be found at:
http://www.iwpc.org/Workshop_Folders/12_06a_Clearwire_GlobalRoaming/12_06a_Agenda_GlobalRoaming.html