

Specializing in SAR (Specific Absorption Rate) RF Exposure Testing, Engineering Evaluations, Compliance Measurements & Certifications

Celltech Labs Inc. is an A2LA ISO/IEC 17025:2017 accredited test facility for SAR (Specific Absorption Rate) engineering and global compliance measurements of intentional radiator products since 1999. Our success is attributed to a highly experienced team with a commitment to customer service and a consistent track record of timely certification approvals with the regulatory bodies.

Celltech utilizes the *SPEAG DASY6 System (30MHz - 6GHz)* to ensure our clients meet regulatory compliance requirements quickly and successfully. Many wireless device manufacturers rely on Celltech for their SAR engineering, compliance testing and certification needs. Many independent EMC/RF test labs also rely on Celltech as their third party lab to provide SAR testing for their clients.

Celltech Labs is situated in the heart of the "Silicon Vineyard" - a high-tech business region located in the Okanagan Valley of British Columbia, Canada and only a one-hour flight from Vancouver, Calgary and Seattle.



SAR MEASUREMENT STANDARDS

- IEEE 1528
- KDB 447498
- KDB 865664
- KDB 680106
- IEC 62209-1
- IEC 62209-2
- SPR-002
- EN 50360
- EN 50361
- EN 50364
- EN 50383
- EN 50499
- EN 50663
- EN 50664
- EN 50665
- EN 62233
- EN 62311
- EN 62479
- EN 62369
- FCC OET Bulletin 65, Supplement C
- IC RSS-102
- Australian Communications & Media Authority (ACMA) Radiocommunications (Electromagnetic Radiation- Human Exposure) Standard 2014
- ARPANSA RPS No.3
- NZS 2772.1
- AS/NZS 2772.2
- Technical Requirements for Human Protection against Electromagnetic Waves (MSIT Public Notification 2019-4, Jan 16,2019)
- Technical Requirements for Measurement and Test Procedure o Specific Absorption Rate(RRA Public Notification 2018-18,Dec 7,2019)
- Technical Requirements for Measurement of Electromagnetic Fi Strength (RRA Public Notification 2019-3, Mar 4, 2019)
- Equipment to be Subject of Test Procedure for Electromagnetic Field Strength and Specific Absorption Rate (RRA Public Notificat 2019-1, Jan 17,2019)

SPEAG DASY6 System (Test Frequency Range: 30MHz - 6GHz)

ALSO SPECIALIZING IN THE FOLLOWING SERVICES

- EMC/RF Engineering, Compliance Testing & Certifications
- FCC TCB Certifications
- Industry Canada CB Certifications
- Industry Canada Representation
- EU CE Notified Body Applications
- EU Technical Construction File (TCF) Preparation
- Consulting and Project Management
- Engineering Evaluations

WIRELESS DEVICES

Multi-band/Multi-mode Handsets and Wireless Chargers, Consumer and Occupational Handheld Wireless Devices, WWAN Modules, WLAN Modules, Laptop PCs, Tablets, Smart phones, Handheld Terminals, Handheld PTT Radio Transceivers, Cordless Handsets, Portable Satellite Phones, Handheld Devices, Body-worn Devices, Ankle-worn Devices, Held-to-Face Devices, Headsets, PDA, IoT, Compact Flash Card

WIRELESS TECHNOLOGIES

- | | |
|-------------------------------|---|
| • LTE, HSPA, W-CDM | • 802.11a/b/g/n, Bluetooth |
| • GSM, GPRS, E-GPRS, GMSK | • BLE/ANT |
| • TDMA, AMPS | • FRS, GMRS, VHF, UHF, 700/800/900 MHz Band |
| • DSC CDMA, EVDO, DECT | • WiMAX |
| • 4G, 5G & mm Wave Technology | • W-LAN (2.4GHZ & 5GHZ) |

CONTACT US FOR A QUOTE TODAY!

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