April 2024 Workshop Activity Schedule

Monday, October 14	9:00 AM to 5:00 PM	RF Exposure Training
Tuesday, October 15	9:00 AM to 5:00 PM	Workshop Day One
Wednesday, October 16	8:00 AM	TCB Council Membership Meeting
	9:00 AM to 5:00 PM	Workshop Day Two (FCC)
	6:00 PM to 9:30 PM	TCBC Social – Guinness Brewery
Thursday, October 17	9:00 AM to 5:00 PM	Workshop Day Three
	11:45 AM to 12:45 PM	Q&A Session for Basic Training Participants – Ravens Room

The Workshop continues to be a paper-free event. Digital workshop materials are available on the TCB Council LMS at https://tcbcouncil.mclms.net/en/. Registrants can then click login to enter their classroom. Look for your login information in your official email. Contact the TCB Council with any questions. Support@TCBCouncil.org. Agenda is observed in Eastern Standard time (EST). Workshop Registration is available at www.tcbcouncil.org/

Monday, October 14, 2024
RF Exposure Day *
(subject to change)

The RF Exposure Training* will include presentations, discussion and practical exercises on these topics:

Big Picture
- Global perspective about SAR and human health and safety
- History of USA and SAR
- History of Canada and SAR

Measurement Methods
- SAR limits by frequency
- Types
  - SAR (psSAR, wbSAR, etc.)
  - Absorbed Power Density
  - Incident Power Density
  - E/H Field
  - Low Frequency SAR
  - Time-Averaged SAR/IPD
- Reference: SAR and RF Exposure Measurement Standards

What Comprises SAR testing
- Tissue measurements
- System checks
- SAR Testing
- Reporting

Practicum: Device Analysis
- SAR assessment by product types
  - Portable: Wearable, headsets, phones, tablet
  - Mobile: MPE, whole body SAR
  - Exempted devices
  - Future – Vehicle, Low Earth Orbit, etc.

*Attendance for this RF Exposure Training requires a registration for Monday, October 14, 2024.

Tuesday, October 15, 2024

Workshop Day One

Time		Session Topic	Presenters
9:00 AM	9:15 AM	Welcome and Introductions	Chris Harvey The TCB Council
9:15 AM	10:15 AM	NIST – MRA Updates	Ramona Saar and Nathalie Rioux National Institute of Standards and Technology (NIST)
10:15 AM	10:30 AM	BREAK	
10:30 AM	12:00 PM	ISED Canada – CEB Updates	Nicolas Desmarais and Jason Nixon ISED Canada Certification and Engineering Bureau (CEB)
12:00 PM	1:00 PM	BREAK	
1:00 PM	2:00 PM	ISED Canada Standards – DRS Updates	Stephan Meyer and Yan Losier ISED Canada Directorate of Regulatory Standards (DRS)
2:00 PM	3:00 PM	Europe Report – RED and UK-RER	Michael Derby Element Materials Technology
3:00 PM	3:30 PM	BREAK	
3:30 PM	4:30 PM	KDB Sharing Session	Greg Czumak ACB Inc
4:30 PM	5:00 PM	Radio Technology Approvals – India & AU	Praveen Rao and Dishant Kumar C-Prav

The TCB Council's Workshop
Wednesday, October 16 2024
Day Two

Time	FCC Session Topic	Presenters
8:00 – 8:45	TCB Council Membership meeting	Members Only
9:00 – 10 AM	1.0 Introduction and Administrative	
	2.0 FCC HQ Session(s)	
10:00 – 10:30 AM	BREAK	
10:30 – Noon	3.0 EMC & Related Topics	
Noon – 1:00 PM	LUNCH BREAK	
1:00 PM – 3:00 PM	4.0 RF Exposure	
3:00 – 3:30 PM	BREAK	
3:30 – 5:00 PM	5.0 FCC Reviews	
5:00 PM	Conclusion	
	FCC Session Summary: Q & A	

* FCC Sessions and topics subject to change/update

TCB Council Inc.
Sharing knowledge of regulatory compliance
for tomorrow's wireless world
TCBC

Thursday, October 17 2024,

Workshop Day Three

Time		Session Topic	Presenters
9:00 AM	9:45 AM	A Deep Dive into the FCC KDB 987594 for Testing WLAN Devices	Feng Xie Rohde & Schwarz
9:45 AM	10:30 AM	Measurements using modern Spectrum Analyzers	Bill Koerner Keysight
10:30 AM	11:00 AM	BREAK	
11:00 AM	11:45 AM	HAC – Intro & Update on TR-41 Standards Committee	Nima Molaei & Justin Chao Element Materials Technology
11:45 PM	12:45 PM	BREAK Q&A Session for Basic Training Participants -Ravens Room	
12:45 PM	1:45 PM	Cybersecurity Panel	Robert Paxman Intel
1:45 PM	2:30 PM	Latest Compliance Techniques for WPT for US and Canada	Steve Liu & Kaitlin O'Keefe RF Safety Lab
2:30 PM	3:00 PM	BREAK	
3:00 PM	3:45 PM	Adoption of 60 GHz mmWave and Wi-Fi 6/7 Technology in Global Markets	Peter Grinager Approve-IT
3:45 PM	4:15 PM	Admin Differences – C2PC, C4PC, Multiple and Family Approvals	Jennifer Sanchez HCT America
4:15 PM	4:45 PM	Update to Differences Between ISED and FCC	Mark Briggs UL Verification Services
		Wrap Up	Chris Harvey, TCB Council