

TCCA 5G Response Team  
TIMELINE of EVENTS

Last update: 19-Dec-22



WE ARE  
HERE

(ISED) SRSP-520 Issue 1, Technical Requirements for Fixed and Mobile Systems in the Band 3450-3650 MHz.

(RTCA) Paper No. 274-20/PMC-2073: Assessment of C-Band Interference on Radar Altimeter

--- ISED | TCCA Collaborative Work ---

(ISED) Spectrum Advisory Bulletin SAB-001-21 - Radio Altimeters and Technical Rules in the 3450-3650 MHz Band (3500 MHz Band)

(ISED) 3,500 MHz band auctioned in Canada (Rogers, Bell, Telus, Videotron, Xplornet and SaskTel).

(TCCA) Civil Aviation Safety Alert (CASA) No. 2021-08 Issue 1: Potential Risk of Interference of 5G Signals on Radio Altimeter

Consultation on Amendments to SRSP-520

(TCCA) [Operational] Risk Assessment on 5G Potential Harmful Interference To Radio Altimeters

(ISED) SRSP-520 Issue 2: Measures to protect aviation radio altimeters.

FAA Special Airworthiness Information Bulletin (SAIB) AIR-21-18: Risk of Potential Adverse Effects on Radio Altimeters

--- 3450-3650 MHz Band (5G) deployment in Canada ---

FAA AD 2021-23-12 (Transport & Commuter Aircraft) & AD 2021-23-13 (Rotorcraft)

(TCCA) Civil Aviation Safety Alert (CASA) No. 2021-08 Issue 2: Potential Risk of Interference of 5G Signals on Radio Altimeter

TCCA Airworthiness Directives CF-2021-52 (Rotorcraft) & CF-2021-53 (Transport/Commuter): Prohibition of Operations Requiring Radio Altimeters in the Presence of 5G C-Band Wireless Broadband Interference [when operating in U.S. airspace]

(TCCA) Canadian RadAlt Fleet Survey

(ISED-led) Analysis, Lab and Flight Tests

Over-the-Air Testing supported by TCCA, National Research Council of Canada and the Department of National Defence

(TCCA) Continuing Airworthiness 5G Radio Altimeter Interference Risk Assessment

(TCCA) Civil Aviation Safety Alert (CASA) No. 2021-08 Issue 3

(ISED) Technical Requirements for the Band 3650-3980 MHz

Updated FAA strategy?

Updated RadAlt RF Interference Requirements (Industry Standards)

--- End of Telco's voluntary agreements in the US

CANADA  
Publicly available info  
Completed, non-public  
In work

US | WORLD  
Publicly available

? Date TBD