

International Telecommunication Union

Place des Nations
CH-1211 Geneva 20
Switzerland

Ref. CRC submission of FinGov satellite system

Additional information on CRC submission

1. Validation report has an error on value '999' in 'op_agcy'. The Operating Agency for the satellite system is "FinGov", and we ask the Bureau to assign a new operator agency code for FinGov.
2. Item B4a3a: For the orientation angles of the satellite transmitting and receiving antenna beams:
The "Alpha" and "Beta" angles are not fixed for any of the space station antennas because of the use of steerable beams on the space stations, and therefore the Alpha and Beta angles are not provided.
3. The filing consists of two parts – a not-subject to coordination part which contains the 9.3 – 9.9 GHz frequency range, and a subject to coordination part which contains the 9.2 – 9.3 GHz and 9.9 – 10.4 GHz frequency ranges. The intention is that a necessary bandwidth of greater than 600 MHz is required in accordance with footnote 5.474A of the Radio Regulations for beam SAR2.
4. All the satellites filed concerning the whole 1.2 GHz frequency range i.e. 9200 - 10400 MHz will operate their EESS SAR antennas in such a way that their SAR antennas will not point to angles greater than 55 degrees off-axis angle from nadir. Based on the above, maximum allowable power flux density limits, as given in RR Table 21-4 for EESS SAR satellites (for 9900-10400 MHz), will be well respected in all operational scenarios

Yours sincerely,

Otto Julkunen

Spectrum Management Specialist

otto.julkunen@traficom.fi

Finnish Transport and Communications Agency Traficom

Erik Palménin aukio 1, 00560 Helsinki

PL 320, 00059 TRAFICOM

traficom.fi