

Date 28 July 2017

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Limited Modular Approval Request

FCC ID: YCT-GSPSCM2

ISED: 8944A-GSPSCM2

Inmarsat Global Ltd. is seeking FCC/ISED authorization of our product *Inmarsat GSPS Core Module 2.0* as a limited modular approval transmitter. The requirements of FCC § 15.212 and ISED RSP-100 Annex D are met except for the section 4 in table below.

	Modular approval requirement	Complies
1	FCC: The radio elements must have the radio frequency circuitry shielded. Physical components and tuning capacitor(s) may be located external to the shield, but must be on the module assembly. ISED: The radio elements shall have the radio frequency circuitry shielded. Physical/discrete and tuning capacitors may be located external to the shield, but must be on the module assembly.	Yes
2	FCC: The module must have buffered modulation/data inputs to ensure that the device will comply with Part 15 requirements with any type of input signal. ISED: If the module has modulation/data input(s), they shall be buffered in order to ensure that the module will comply with the requirements set out in the applicable Radio Standards Specification (RSS) under conditions of excessive data rates or over-modulation.	Yes
3	FCC: The module must contain power supply regulation on the module. ISED: The module shall have its own power supply regulation on the module itself. This is to ensure that the module will comply with the requirements set out in the applicable standard regardless of the design of the power supplying circuitry in the host product which houses the module.	Yes
4	FCC: The module must contain a permanently attached antenna, or contain a unique antenna connector, and be marketed and operated only with specific antenna(s), per Sections 15.203, 15.204(b), 15.204(c), 15.212(a), 2.929(b). ISED: The module shall comply with the provisions for external power amplifiers and antennas detailed in the applicable RSS. The equipment certification submission shall contain a detailed description of the configuration of highest antenna gain for each type of antenna.	No See Note

5	FCC: The module must demonstrate compliance in a stand-alone configuration. ISED: The module shall be tested for compliance with the applicable standard in a stand-alone configuration, i.e. the module must not be inside another product during testing.	Yes
6	FCC: The module must be labelled with its permanently affixed FCC ID label, or use an electronic display. ISED: The module shall comply with Category I labelling requirements.	Yes
7	FCC: The module must comply with all specific rules applicable to the transmitter. The grantee must provide comprehensive instructions to explain compliance requirements.	Yes
8	FCC: The module must comply with RF exposure requirements. ISED: The module complies or will comply with applicable RSS-102 exposure requirements in its intended configuration/integration in a host.	Yes

Note: The Module is going to be sold only to Inmarsat's approved Value Added Manufacturers (VAM) for integration into their products and will not be sold to any end users.

Inmarsat VAM partners are selected by Inmarsat in a process where they demonstrate their capabilities as professional integrators. They will be informed about antenna requirements, design guidelines and restrictions considering module integration into their products.

VAM customers can use either existing commercially available antenna design that module was certified with, but also can develop their own antenna design.

In case of different antenna design in used VAM integrators need to ensure that their end product fulfills regulatory requirements according to FCC/ISED.

Yours sincerely,



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