

Addendum to the “*Type Approval Procedures and Test Report for the SSMS Transceiver Model CT2A*”, Release 1.2 / August 2001

This document demonstrates the compliance of the satellite transceiver model CT2A with the Amendments to the Title 47 CFR, Part 25 to Implement the Global Mobile Personal Communications by satellite (GMPCS) Memorandum of Understanding and Arrangements, (Protection of GNSS services).

The SSMS transceiver model CT2A has been tested for emissions in the band 1559-1610 MHz and the test results show that:

The emissions generated by the satellite transceiver SSMS model CT2A in the band 1559-1605 MHz are:

- Noise density less than: -70 dBW / MHz
- Discrete spurs less than – 80 dBW

Test procedures and test results are presented in the document *Type Approval Procedures and Test Report for the SSMS Transceiver Model CT2A*” release 1.2 / 3 August 2001, section 3.3.4 (page 3.16 to 3.29)

These results satisfy the requirements in the Title 47 CFR Part 25, section 25.216 (a), 25.216 (b) and 25.216 (c)

The emissions generated by the satellite transceiver SSMS model CT2A in the band 1605-1610 MHz are:

- Noise density emissions is less than the mask determined by linear interpolation from –70dBW/MHz at 1605 MHz to –58.5dBW/MHz at 1612.5 MHz. This is more stringent than the linear interpolation from –70dBW/MHz at 1605 MHz to –10dBW/MHz at 1610 MHz.

Test procedures and test results are presented in the document *Type Approval Procedures and Test Report for the SSMS Transceiver Model CT2A*” release 1.2 / 3 August 2001, section 3.3.4 (page 3.16 to 3.29)

These results satisfy the requirements in the Title 47 CFR Part 25, section 25.216 (d) and 25.216(f).

Section 25.216(e) does not apply to the satellite transceiver SSMS model CT2A, as its operational uplink frequency is limited to the band 1631.5 to 1660.5 MHz.

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