FCC RF Test Report

APPLICANT	: Inseego Corp.
EQUIPMENT	: Outdoor Fixed CPE
BRAND NAME	: Inseego
MODEL NAME	: FW2010-1, FW2010e-1
FCC ID	: PKRISGFW2010
STANDARD	: 47 CFR Part 2, 27
CLASSIFICATION	: PCS Licensed Transmitter (PCB)

We, Sporton International Inc. (Kunshan), would like to declare that the tested sample has been evaluated in accordance with the procedures given in ANSI C63.26-2015 and shown compliance with the applicable technical standards.

The test results in this report apply exclusively to the tested model / sample. Without written approval of Sporton International Inc. (Kunshan), the test report shall not be reproduced except in full.

Jason Jia

Approved by: Jason Jia

ACCREDITED Cert #5145.02

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APPENDIX A. ORIGINAL REPORT

REVISION HISTORY

REPORT NO.	VERSION	DESCRIPTION	ISSUED DATE
FG221528A	Rev. 01	Initial issue of report	Aug. 16, 2023

Note: This is a variant report, the purpose is to disable LTE Band 66/5G NR n66 operation in the 1755-1780MHz frequency range via embedded software (Refer to FCC Part 27.50(d)(4)) and update LTE Band 71/5G NR n71 ERP limit from 30 Watt to 3 Watt (Refer to FCC Part 27.50(c)(10)). The differences have no influence on the test results, all the test results are leveraged from original report FG0D1611A & FG0D1611B &FG0D1611H.

1 General Description

1.1 Applicant

Inseego Corp.
9710 Scranton Road Suite 200, San Diego,, CA 92121

1.2 Manufacturer

Inseego Corp.
9710 Scranton Road Suite 200, San Diego,, CA 92121

1.3 Product Feature of Equipment Under Test

Product Feature	
Equipment	Outdoor Fixed CPE
Brand Name	Inseego
Model Name	FW2010-1, FW2010e-1
FCC ID	PKRISGFW2010
EUT Stage	Production Unit

1.4 Product Specification of Equipment Under Test

Standards-related Product Specification	
Tx Frequency	LTE Band 66 : 1710 MHz ~ 1755 MHz LTE Band 71: 663 MHz ~ 698 MHz 5G NR n66 : 1710 MHz ~ 1755 MHz 5G NR n71 : 663 MHz ~ 698 MHz
Rx Frequency	LTE Band 66 : 2110 MHz~ 2155 MHz LTE Band 71: 617 MHz ~ 652 MHz 5G NR n66 : 2110 MHz~ 2155 MHz 5G NR n71 : 617 MHz ~ 652 MHz
Bandwidth	LTE Band 66 : 1.4MHz / 3MHz / 5MHz / 10MHz / 15MHz / 20MHz LTE Band 71 : 5MHz / 10MHz / 15MHz / 20MHz 5G NR n66: 5MHz / 10MHz / 15MHz / 20MHz 5G NR n71: 5MHz / 10MHz / 15MHz / 20MHz
SCS	n66, n71: 15KHz
Antenna Gain	LTE Band 66: 5.18 dBi LTE Band 71: 0.25 dBi 5G NR n66: 5.18 dBi 5G NR n71: 0.33 dBi
Type of Modulation	LTE : QPSK / 16QAM / 64QAM 5G NR : CP-OFDM: QPSK / 16QAM / 64QAM / 256QAM DFT-s-OFDM: PI/2 BPSK / QPSK / 16QAM / 64QAM / 256QAM

1.5 Modification of EUT

No modifications are made to the EUT during all test items.

Appendix A.Original Report

Please refer to Sporton Report FG0D1611A & FG0D1611B &FG0D1611H which exhibit separately.