



TÜV SÜD America Inc. (San Diego)

October 21, 2019

TUV SUD BAPT FCB
 Octagon House,
 Segensworth Road,
 Fareham, Hampshire,
 PO15 5RL

RE: LTE Band 12 addition to an existing certification (FCC ID: 2AH4HVZASSETCM1 and IC: 21385-VZACM1)
 Date of grant: 04/19/2018
 Applicant: Mobilogix, Inc.

We are requesting the addition of LTE Band 12 to the above certification. The RF module employed by the LTE Asset Tracker (Model: VZASSET-CM1-001) supports LTE Band 12 and already certified under FCC ID: XMR201705BG96NA. Please see attached table cross-referencing test results from TA Technology (Shanghai) Co., Ltd. FCC RF Test Report No. R1907A0353-R2 with the requirements of RSS-130 Issue 2, February 2019:

Test cases	FCC Rules Clause	RSS-130 Clause
RF Power Output	2.1046	4.6.3
Effective Radiated Power	27.50(c)(10)	4.6.3
Occupied Bandwidth	2.1049	RSS-Gen 6.7
Band Edge Compliance	27.53(g)	4.7.1
Peak-to-Average Power Ratio	27.50(d)/KDB971168 D01(5.7)	4.6.1
Frequency Stability	2.1055/27.54	4.5
Spurious Emissions at Antenna Terminals	2.1051/27.53(g)	4.7.1
Radiated Spurious Emission	2.1053/27.53(g)	4.7.1

In addition, the MPE Test Report No. R1907A0353-M1 submitted with the filing indicates LTE B12 power density of 0.18567 mW/cm² with a declared antenna gain of 4dBi. The RF field strength limit for devices used by the general public (uncontrolled environment) per RSS-102 Issue 5 March 2015 is 0.230329 mW/cm². Therefore, the EUT will comply with the RSS-102 requirement if the gain of the antenna used is less than 4.8 dBi.



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By my signature below, I attest that the supplied test report (TA Technology Co., Ltd. FCC RF Test Report No. R1907A0353-R2) for this EUT meets the requirement of the current version of ISED RSS-130 Issue 2, February 2019. If there are any questions regarding this request, please feel free to contact me.

Sincerely,

A handwritten signature in black ink, appearing to read 'Ferdinand S. Custodio'.

Ferdinand S. Custodio

EMC Senior Test Engineer / Wireless Team Lead

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America

Choose certainty.
Add value.