



## Referencing Test Data

Date: July 12, 2024

Dear Examiner

The purpose of this application is to apply the above variant FCC ID via referencing radio parameter test data from the original device according to KDB484596 D01 as following:

### Referenced Device

FCC ID: RI7LN920

Model: LN920A6-WW

Initial Grant Date: Feb. 23, 2022

C2PC Grant Date: Aug. 10, 2022

### Variant Device:

FCC ID: RI7LN920NA

Model: LN920A6-NA

### Key Difference:

Unmount of several components to remove 3G and LTE B14, 17, 38, 42, 43, 48, 71 and ULCA.

The modulation 64QAM of LTE bands is disabled by software.

The referenced device has been granted by the FCC, please refer [LTC OD Hardware change note.pdf](#) for details. Tests have been conducted as below to verify RF characteristics have not changed except for disabling the above bands.

Test results are fully referenced from the test report number ER/2021/A0027.

Tests are demonstrated in the test report number TERF2405001357ER as following.

FCC Rules	Description Of Test	Data Referencing	Comments
§2.1046(a)	RF Power Output	Y	Full Test
§22.913(a)(5) §24.232(c) §27.50(a)(3) §27.50(b)(10) §27.50(c)(10) §27.50(d)(4) §27.50(h)(2) §90.635	ERP/ EIRP measurement	Y	Full Test
§2.1049(h)	99% & 26dB Occupied Bandwidth	Y	Spot check worst mode
§2.1051 §22.917(a) §24.238(a) §27.50(c)(5) §27.53(c)(2),(4) §27.53(g) §27.53(h) §27.53(m)(4)(6) §90.691	Out of Band Emissions at Antenna Terminals and Band Edge / Emission mask requirements	Y	Spot check worst mode
§2.1053 §22.917(a) §24.238(a) §27.53(c)(2),(4) §27.53(f) §27.53(g) §27.53(h) §27.53(m)(4) §90.691(a)(1)(2)	Field Strength of Spurious Radiation	Y	Spot check worst mode
§22.913(d) §24.232(d) §27.50(a)(1)(B) §27.50(d)(5)	Peak to Average Ratio	Y	Spot check worst mode

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§2.1055(a)(1) §22.355 §24.235 §27.54	Frequency Stability	Y	Spot check worst mode
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