

Date: 2014/01/24

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Subject: Requesting Class II permissive change for FCC ID: RI7HE920NA

To Whom It May Concern:

The purpose of this letter is to request a Class II permissive change for
FCC ID: RI7HE920NA

[Hardware changes]

From version 1.00 to 1.10

For HE920-NA, three duplexers respectively for WCDMA FDD II, IV, V have been replaced with smaller ones and several related matching values have been changed.

For both HE920-NA, WCDMA Rx diversity antenna switch has been replaced with smaller one from same vendor.

For both HE920-NA, PCB has been modified just to reflect the changes described above.
GSM and all other parts are 100% same as before.

[Software changes]

From version 14.10.001 to 14.12.000-B028

For HE920-NA, Qualcomm MDM6200 baseline upgraded to 3.5. Captured differences below have nothing to do with protocols.

For HE920-NA, GPRS and EGPRS multi slot class changed from 33 to 10

For HE920-NA, DTM mode class changed from 11 to 9.

For HE920-NA, GPS disabled

All other changes are related to AT command interfaces and have no influences on previous certifications.

[Antenna gain changes]

We want to add evaluation for allowed max antenna gain into application.

The correct allowed max antenna gain can be used should be 6.79dBi for GSM850MHz band, 3.01dBi for PCS band, 6.79dBi for WCDMA band V, 3.01dBi for WCDMA band II, and 2.7dBi for WCDMA band IV.

Best Regards



Brian Tucker / Global VP, Quality
Telit Communications S.p.A.
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