

Waiver Request Form

Date the waiver request was submitted to PTCRB: 06/21/2012

Name of Manufacturer: Huawei Technologies Co., Ltd.

Model Name (One model per form): EM820W

1. If this is an ECO for the Model listed above, please complete this section with information from the most recent completed certification for this Model –

a) Software Version Certified: 11.810.09.54.00

b) Hardware Version Certified: MD1EM820WM

c) Date of the Certification: 01/30/2012

d) NAPRD03 version applicable at the time of the certification: 5.9

e) Primary Lab Responsible for the most recently completed certification: Beijing 7 layers
Huarui Communications Technology Co., Ltd.

2. If this is the Initial Certification of a Variant, please complete this section with information from the Parent Model's most recent completed certification –

a) Model Name:

b) Parent Software Version Certified:

c) Parent Hardware Version Certified:

d) Date of the Certification:

e) NAPRD03 version applicable at the time of the certification:

f) Primary Lab Responsible for the most recent parent Certification:

3. If this is an Integration of a Module, please complete this section with information from the Module's completed certification –

a) Name of Manufacturer:

b) Model Name:

c) Module Software Version:

d) Module Hardware Version:

e) Date of the Certification:

f) NAPRD03 version applicable at the time of the certification:

g) Primary Lab Responsible for the Module Certification:

4. Please complete this section with information specific to the Model for which the Waiver will be applicable –

a) Software Version: 11.810.10.17.00

b) Hardware Version: MD1EM820WM

c) NAPRD03 version which is applicable according to the certification requirements: 5.11

d) Primary Lab Responsible for this Certification: Beijing 7 layers Huarui Communications Technology Co., Ltd.

e) Database Certification request number: 31269

5. What specific test case(s) or PTCRB process requirement is the manufacturer requesting to be waived?

a) Please complete this section if you are requesting to waive test case(s). Enter one test case per row. Please indicate the associated test specification, test case number as indicated in the test specification and the test case description.

Test Specification	Test Case Number	Test Case Description
TS34.121	9.2.3E	Closed Loop Diversity Performance Enhanced Performance Requirements Type 3, QPSK/16QAM, Fixed Reference Channel (FRC) H-Set 3

b) Please complete this section if you are requesting to waive a specific clause in PPMD or NAPRD03. Please enter the clause number (not the PPMD or NAPRD03 versions). Please indicate the specific requirement you are requesting to waive. If you are only requesting to waive test cases, please leave this section blank.

6. Why is the manufacturer requesting the waiver for this specific requirement?

We just request the waiver for this case for an earlier version 11.810.09.54.00, current version 11.810.10.17.00 has the same behaviour as the last version. As a result, we should apply the same waiver for the case 34.121-1 9.2.3E.

Last time our reason to apply the waiver is below.

1) Test Case: TS 34.121-1 9.2.3E Failure is not a traditional failure. TC cannot be started since UE cannot establish the RRC connection with the network. To pass the case, TC requires the setup of an HSDPA connection, which cannot be done when module fails to establish the RRC connection.

2) This change is added from NAPRD version 5.9, and is not supported by Qualcomm chipset. Qualcomm reference FFA failed, which means it is a baseline related issue.

3) NW Impact: None. Since this configuration is not widely deployed. Per Qualcomm, this TC is directly related to a Japanese carrier and has no impact on other area.

4) User Impact: None. Since this configuration is not widely deployed, we do not expect user to experience any issues registering on the network. Per Qualcomm, this TC is directly related to a Japanese carrier and has no impact on other area.

7. Is there any other information that will help PTCRB make an informed decision about this waiver request? Please provide this information here.

Following is the document from Qualcomm which explain the detail of the fail case, which indicated that this should be a issue happened on limited NW configuration, and don't have big Impact on current settings.



34.121 9.2.3E
failure.docm

PTCRB Only Section:

Date the request was received by PTCRB: June 25, 2012

Date the PTCRB completed the review: June 29, 2012

Decision by PTCRB: Approved

Limitations / stipulations of the waiver (if applicable):