

Federal Communications Commission
Office of Engineering and Technology Laboratory Division
7435 Oakland Mills Rd.
Columbia, MD 21046

SUBJECT: Application for Class II Permissive Change for FCC ID: **XIA-CFW2132**

Dear Examiner,

This is to request a Class II Permissive Change for FCC ID: **XIA-CFW2132** (Approval Date: 5/28/2020) to enable the SAS measurement report types, RECEIVED_POWER_WITHOUT_GRANT and RECEIVED_POWER_WITH_GRANT.

Received power is defined as measurement of the radio frequency energy received over a set of frequency ranges during a measurement interval with results reported to a SAS for each of the frequency ranges in terms of effective received power for each frequency range. The measurement capabilities associated with the Received Power measurement type are RECEIVED_POWER_WITHOUT_GRANT (when the CBSD does not have a spectrum grant from the SAS) and RECEIVED_POWER_WITH_GRANT (when the CBSD has a spectrum grant from the SAS).

CFW-2132 uses the RSRP (Reference Signal Received Power) of the cell and report it to the SAS. If the cell bandwidth is 20MHz, then CFW-2132 uses the same value for both 10MHz chunks to report. And, the device measures the cell RSRP which are present in the environment for reporting.

Measurement report types (RECEIVED_POWER_WITHOUT_GRANT and RECEIVED_POWER_WITH_GRANT) are enabled using software update and no hardware change is required.

This feature is enabled using software update and no hardware change is required.

Sincerely,

Signature: 

Name: Pat Sinni

Title: Certification and Compliance Team Leader

On behalf of Company: NetComm Wireless Pty Ltd

Telephone: 61 2 9424 2070