



To: Federal Communications Commission  
7435 Oakland Mills Road  
Columbia, MD 21046  
USA

Date: 2023/05/17

**Subject: Request for a Class II Permissive Change**

FCC ID: XS5-CAPMX  
Grant Date(s): 12/04/2020

Pursuant to CFR47 §2.1043, the Grantee Andrew Wireless (Grantee Code: XS5) hereby requests a Class II Permissive Change for the above listed device to address following changes:

The CAP MX is a Remote Unit for the US market of CommScope's digital Distributed Antenna System (DAS), called Era. It accommodates 7 transmit and receive paths to handle up to 12 operating bands.

Component suppliers have discontinued some transistors of the Linear Power Amplifier (LPA) Board in the CAP MX used for the 700 MHz path, the 850 MHz path, the 1900 MHz path and the 2100 MHz path.

Equivalent replacement parts have been identified and evaluated.

- The carefully selected and replaced components do not change the performance of the system - any possible gain differences are compensated by the transistors RF frontend.
- Module and System specification, SW and production process and limits will not change.
- Traceability is guaranteed by increasing the suffix of the ID number on module level.

The performed changes are properly documented with updated schematics/parts list of the LPA-Board including a detailed change description (LPA Board EOL – Redesign).

The replacement components required appropriate modification of the PCB layout – therefore Notification 201209-001 and PAG for C2PCPX is applied accordingly.

There are no further changes made to the original product - therefore the not repeated test results continue to be representative of and applicable also to this modified device.

Sincerely

R&T Assistant & Authorized Agent