

Date: 2018-09-14

FCC ID: ACQ-VAP4641

AUTHORIZATION LETTER

To Whom It May Concern:

ARRIS hereby authorizes *Andrea Hsia, Supervisor of Bureau Veritas Consumer Products Services (H.K.) Ltd., Taoyuan Branch ("BV CPS Taoyuan")*, to act on its behalf in all matters relating to the Federal Communication Commission ("FCC") application for equipment authorization in connection with the FCC ID listed above, including signing of all documents relating to these matters. Any and all acts carried out by *Andrea Hsia, Supervisor of BV CPS Taoyuan* on ARRIS behalf, within the scope of the powers granted herein, shall have the same effect as acts of its own.

If you have any questions regarding the authorization, please don't hesitate to contact us.

Sincerely yours,

A handwritten signature in black ink, appearing to read "Jorge Villarreal", written over a horizontal dashed line.

Jorge Villarreal, Authorized Signatory
ARRIS

Tel: 215-323-1697

Fax: 215-323-0037

E-mail: Jorge.Villarreal@arris.com