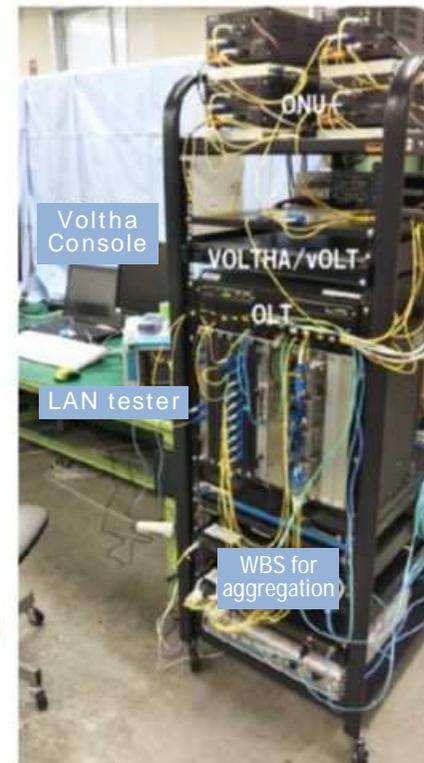
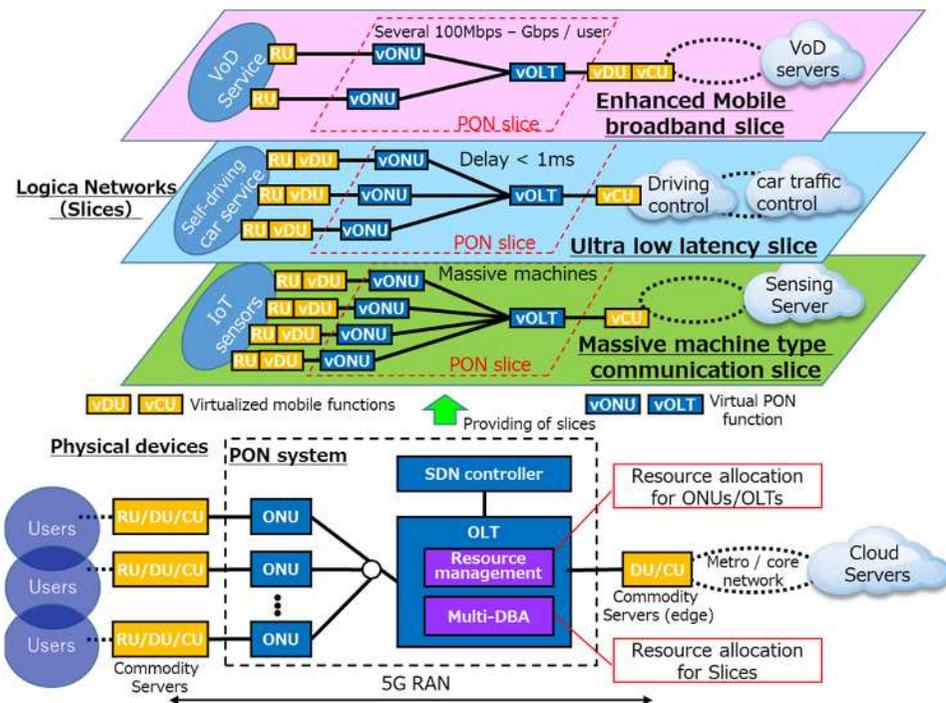


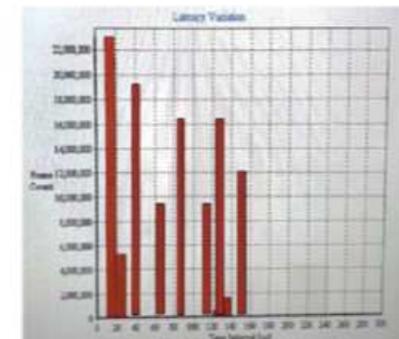
Next generation PON system / PON slicing technology

- World first PON slicing demonstration for 5G/beyond access network
 - vOLT based on TWDM-PON which provides virtual PONs with Netconf/ Yang.
 - Isolated QoS obtained by multiple dedicated DBAs for each PON slice.
 - Bandwidth(~10Gb/s) or maximum delay (ex.100/200/400us) can be assigned
 - World standards proposed by OKI for PON slicing
 - ITU-T SG13/Y.3150,Y.3151 (approval), SG15/G.sup.Slicing (discussing)

[Logical / Physical system image]



PON slice1 delay ; 200us



PON slice2 delay ; 100us

