UNIVERSITI TEKNOLOGI MARA

ANALYSIS SNR PERFORMANCE IN VDSL2 LINE

MOHD ARIF KAMARUL NIZAM BIN HASHIM

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ABSTRACT

VDSL2 is a new technology implementation, and can be deployed from remote locations such as outdoor cabinets to shorten the loop to the customer and achievement bit rate will increasing. The very high speed digital subscriber line type 2 (VDSL2) technologies makes a possible transfer data up to speeds 52 Mb/s. The new technology, used high frequency band (up to 30 MHz) raises many possibility not existing in the present DSLs, among them spectral allocation, noise environment, transmission in a FEXT (far end crosstalk) and RF interference sources. Signal to Noise ratio will affect the speed of transmission data. In this paper, we aim to discuss about affected value of SNR if profile DPBOAUTO is configuring. Downstream Power Back off (DPBO) is one of method to investigate interference in VDSL2 Line through SNR Performance.

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