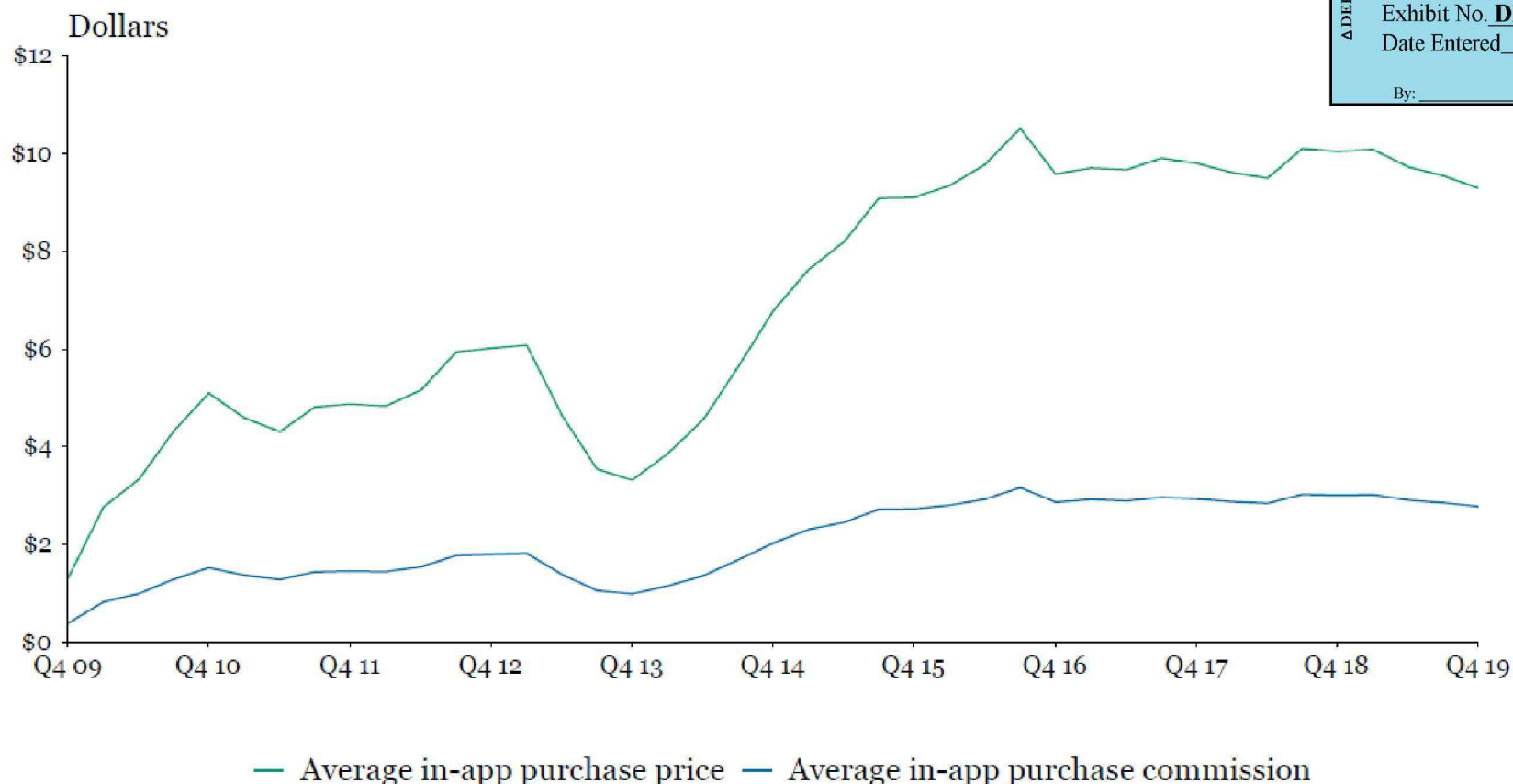


Hitt Rebuttal Expert Report – Exhibit 50: Quarterly average commissions and prices from App Store in-app game purchases (July 1, 2009–September 30, 2019)



DEFENDANT A	United States District Court Northern District of California	
	Case No. 4:20-cv-05640-YGR	
	Case Title <i>Epic Games, Inc. v. Apple, Inc.</i>	
	Exhibit No. DX-4806	
	Date Entered _____	
	Susan Y. Soong, Clerk	
	By: _____, Deputy Clerk	

Source: Apple transaction data

Note: Commission is calculated for each transaction, and simple averages of both price and commission are calculated across transactions per quarter. Apple's fiscal year begins in October, meaning Q4 starts in July and ends in September. For example, Q1 FY2009 begins in October 2008. Analysis starts in July 2009, the first full quarter in which the App Store offered in-app purchases. The first instance of an in-app purchase is June 17, 2009. Only original transactions categorized as in-app purchases are included. Transactions where Apple is the developer are excluded. Only in-app purchases categorized as games are included. See Appendix E for details regarding Apple transaction data processing.