DEUTSCHE BANK AKTIENGESELLSCHAFT Form 424B2 May 14, 2015

> Pricing Supplement No. 2439AF Registration Statement No. 333-184193 Filed Pursuant to Rule 424(b)(2)

The information in this preliminary pricing supplement is not complete and may be changed. This preliminary pricing supplement and the accompanying underlying supplement, product supplement, prospectus supplement, prospectus and prospectus addendum do not constitute an offer to sell nor do they seek an offer to buy these securities in any jurisdiction where the offer or sale is not permitted. Subject to Completion. Dated May 14, 2015

Deutsche Bank AG

\$

Capped Leveraged Buffered iShares® MSCI Emerging Markets ETF-Linked Notes due

The notes do not pay interest or dividends and do not guarantee any return of your investment. The amount that you will be paid on your notes on the stated maturity date (expected to be between 17 and 20 months after the original issue date, subject to adjustment) is based on the performance of the iShares® MSCI Emerging Markets ETF (the "Underlier") as measured from the trade date to and including the determination date (expected to be the third scheduled trading day prior to the stated maturity date, subject to adjustment). If the final underlier level on the determination date is greater than the initial underlier level (set on the trade date and may be higher or lower than the actual closing level of the Underlier on the trade date), the return on your notes will be positive, subject to the maximum settlement amount (expected to be between \$1,202.80 and \$1,236.60 for each \$1,000 face amount of notes). If the final underlier level is equal to the initial underlier level or declines by up to 10.00% from the initial underlier level, you will receive the face amount of notes. If the final underlier level declines by more than 10.00% from the initial underlier level, the return on your notes will be negative. In this circumstance, you will lose some or all of your investment in the notes. Any payment on the notes is subject to the credit of the Issuer.

To determine your payment at maturity, we will calculate the underlier return, which is the percentage increase or decrease in the final underlier level from the initial underlier level. On the stated maturity date, for each \$1,000 face amount of notes, you will receive an amount in cash equal to:

- •if the underlier return is positive (the final underlier level is greater than the initial underlier level), the sum of (i) \$1,000 plus (ii) the product of (a) \$1,000 times (b) 1.30 times (c) the underlier return, subject to the maximum settlement amount:
- •if the underlier return is zero or negative but not below -10.00% (the final underlier level is equal to or less than the initial underlier level but not by more than 10.00%), \$1,000; or
- •if the underlier return is negative and is below -10.00% (the final underlier level is less than the initial underlier level by more than 10.00%), the sum of (i) \$1,000 plus (ii) the product of (a) \$1,000 times (b) approximately 1.1111 times (c) the sum of the underlier return plus 10.00%. In this circumstance, you will receive less than \$1,000, and you will lose some or all of your investment in the notes.

Your investment in the notes involves certain risks, including, among other things, our credit risk. See "Risk Factors" beginning on page 2 of the accompanying prospectus addendum, "Risk Factors" beginning on page 7 of the accompanying product supplement and "Selected Risk Considerations" beginning on page PS-11 of this pricing supplement.

The Issuer's estimated value of the notes on the trade date is approximately \$962.80 to \$982.80 per \$1,000 face amount of notes, which is less than the original issue price. Please see "Issuer's Estimated Value of the Notes" on page PS-2 of this pricing supplement for additional information.

You should read the additional disclosure provided herein so that you may better understand the terms and risks of your investment.

Original issue date: , 2015 Original issue price: 100.00% of the face

amount

Underwriting discount: 0.00% of the face amount Net proceeds to the Issuer: 100.00% of the face amount

The agent for this offering is Deutsche Bank Securities Inc. ("DBSI"), an affiliate of ours. DBSI will sell all of the notes that it purchases from us to an unaffiliated dealer at the original issue price of 100.00%, or \$1,000 face amount of notes. Such dealer will sell the notes to investors at the same price without a discount or commission. Investors that purchase and hold the notes in fee-based advisory accounts may be charged fees based on the amount of assets held in those accounts, including the notes. For more information, see "Supplemental Plan of Distribution (Conflicts of Interest)" in this pricing supplement.

By acquiring the notes, you will be bound by, and deemed to consent to, the imposition of any Resolution Measure (as defined below) by our competent resolution authority, which may include the write down of all, or a portion, of any payment on the notes. If any Resolution Measure becomes applicable to us, you may lose some or all of your investment in the notes. Please see "Resolution Measures" on page PS-3 of this pricing supplement for more information.

Neither the Securities and Exchange Commission nor any state securities commission has approved or disapproved of the notes or passed upon the accuracy or the adequacy of this pricing supplement or the accompanying underlying supplement, product supplement, prospectus supplement, prospectus addendum. Any representation to the contrary is a criminal offense.

The notes are not bank deposits and are not insured or guaranteed by the Federal Deposit Insurance Corporation or any other governmental agency.

The original issue price, underwriting discount and net proceeds listed above relate to the notes we sell initially. We may decide to sell additional notes after the date of this pricing supplement, at issue prices and with underwriting discounts and net proceeds that differ from the amounts set forth above. The return (whether positive, zero or negative) on your investment in notes will depend in part on the issue price you pay for such notes.

, 2015

ISSUER'S ESTIMATED VALUE OF THE NOTES

The Issuer's estimated value of the notes is equal to the sum of our valuations of the following two components of the notes: (i) a bond and (ii) an embedded derivative(s). The value of the bond component of the notes is calculated based on the present value of the stream of cash payments associated with a conventional bond with a principal amount equal to the Face Amount of notes, discounted at an internal funding rate, which is determined primarily based on our market-based yield curve, adjusted to account for our funding needs and objectives for the period matching the term of the notes. The internal funding rate is typically lower than the rate we would pay when we issue conventional debt securities on equivalent terms. This difference in funding rate, as well as the agent's commissions, if any, and the estimated cost of hedging our obligations under the notes, reduces the economic terms of the notes to you and is expected to adversely affect the price at which you may be able to sell the notes in any secondary market. The value of the embedded derivative(s) is calculated based on our internal pricing models using relevant parameter inputs such as expected interest and dividend rates and mid-market levels of price and volatility of the assets underlying the notes or any futures, options or swaps related to such underlying assets. Our internal pricing models are proprietary and rely in part on certain assumptions about future events, which may prove to be incorrect.

The Issuer's estimated value of the notes on the Trade Date (as disclosed on the cover of this pricing supplement) is less than the Original Issue Price of the notes. The difference between the Original Issue Price and the Issuer's estimated value of the notes on the Trade Date is due to the inclusion in the Original Issue Price of the agent's commissions, if any, and the cost of hedging our obligations under the notes through one or more of our affiliates. Such hedging cost includes our or our affiliates' expected cost of providing such hedge, as well as the profit we or our affiliates expect to realize in consideration for assuming the risks inherent in providing such hedge.

The Issuer's estimated value of the notes on the Trade Date does not represent the price at which we or any of our affiliates would be willing to purchase your notes in the secondary market at any time. Assuming no changes in market conditions or our creditworthiness and other relevant factors, the price, if any, at which we or our affiliates would be willing to purchase the notes from you in secondary market transactions, if at all, would generally be lower than both the Original Issue Price and the Issuer's estimated value of the notes on the Trade Date. Our purchase price, if any, in secondary market transactions will be based on the estimated value of the notes determined by reference to (i) the then-prevailing internal funding rate (adjusted by a spread) or another appropriate measure of our cost of funds and (ii) our pricing models at that time, less a bid spread determined after taking into account the size of the repurchase, the nature of the assets underlying the notes and then-prevailing market conditions. The price we report to financial reporting services and to distributors of our notes for use on customer account statements would generally be determined on the same basis. However, during the period of approximately six months beginning from the Trade Date, we or our affiliates may, in our sole discretion, increase the purchase price determined as described above by an amount equal to the declining differential between the Original Issue Price and the Issuer's estimated value of the notes on the Trade Date, prorated over such period on a straight-line basis, for transactions that are individually and in the aggregate of the expected size for ordinary secondary market repurchases.

RESOLUTION MEASURES

On May 15, 2014, the European Parliament and the Council of the European Union published a directive for establishing a framework for the recovery and resolution of credit institutions and investment firms (commonly referred to as the "Bank Recovery and Resolution Directive"). The Bank Recovery and Resolution Directive requires each member state of the European Union to adopt and publish by December 31, 2014 the laws, regulations and administrative provisions necessary to comply with the Bank Recovery and Resolution Directive. Germany has adopted the Recovery and Resolution Act (Sanierungs- und Abwicklungsgesetz, or "SAG"), which went into effect on January 1, 2015. SAG may result in the notes being subject to any Resolution Measure by our competent resolution authority if we become, or are deemed by our competent supervisory authority to have become, "non-viable" (as defined under the then applicable law) and are unable to continue our regulated banking activities without a Resolution Measure becoming applicable to us. By acquiring the notes, you will be bound by and deemed to consent to the provisions set forth in the accompanying prospectus addendum, which we have summarized below.

By acquiring the notes, you will be bound by and will be deemed to consent to the imposition of any Resolution Measure by our competent resolution authority. Under the relevant resolution laws and regulations as applicable to us from time to time, the notes may be subject to the powers exercised by our competent resolution authority to: (i) write down, including to zero, any payment (or delivery obligations) on the notes; (ii) convert the notes into ordinary shares or other instruments qualifying as core equity tier 1 capital; and/or (iii) apply any other resolution measure, including (but not limited to) any transfer of the notes to another entity, the amendment of the terms and conditions of the notes or the cancellation of the notes. We refer to each of these measures as a "Resolution Measure."

Furthermore, by acquiring the notes, you:

- are deemed irrevocably to have agreed, and you will agree: (i) to be bound by any Resolution Measure; (ii) that you will have no claim or other right against us arising out of any Resolution Measure; and (iii) that the imposition of any Resolution Measure will not constitute a default or an event of default under the notes, under the senior indenture dated November 22, 2006 among us, Law Debenture Trust Company of New York, as trustee, and Deutsche Bank Trust Company Americas, as issuing agent, paying agent, authenticating agent and registrar, as amended and supplemented from time to time (the "Indenture"), or for the purpose of the Trust Indenture Act of 1939, as amended (the "Trust Indenture Act");
- waive, to the fullest extent permitted by the Trust Indenture Act and applicable law, any and all claims against the trustee and the paying agent for, agree not to initiate a suit against the trustee and the paying agent in respect of, and agree that neither the trustee nor the paying agent will be liable for, any action that the trustee or the paying agent takes, or abstains from taking, in either case in accordance with the imposition of a Resolution Measure by our competent resolution authority with respect to the notes; and
 - will be deemed irrevocably to have (i) consented to the imposition of any Resolution Measure as it may be imposed without any prior notice by the competent resolution authority of its decision to exercise such power with respect to the notes and (ii) authorized, directed and requested The Depository Trust Company ("DTC") and any participant in DTC or other intermediary through which you hold such notes to take any and all necessary action, if required, to implement the imposition of any Resolution Measure with respect to the notes as it may be imposed, without any further action or direction on your part or on the part of the trustee, paying agent, issuing agent, authenticating agent, registrar or calculation agent.

This is only a summary, for more information please see the accompanying prospectus addendum dated December 24, 2014, including the risk factor "The securities may be written down, be converted or become subject to other resolution

measures. You may lose part or all of your investment if any such measure becomes applicable to us" on page 2 of the prospectus addendum.

SUMMARY INFORMATION

You should read this pricing supplement together with underlying supplement No. 1 dated October 1, 2012, product supplement AF dated September 28, 2012, the prospectus supplement dated September 28, 2012 relating to our Series A global notes of which these notes are a part, the prospectus dated September 28, 2012 and the prospectus addendum dated December 24, 2014. You may access these documents on the website of the Securities and Exchange Commission (the "SEC") at.www.sec.gov as follows (or if such address has changed, by reviewing our filings for the relevant date on the SEC website):

- Underlying supplement No. 1 dated October 1, 2012: http://www.sec.gov/Archives/edgar/data/1159508/000095010312005120/crt_dp33209-424b2.pdf
- Product supplement AF dated September 28, 2012: http://www.sec.gov/Archives/edgar/data/1159508/000095010312005082/crt_dp33006-424b2.pdf
- Prospectus supplement dated September 28, 2012: http://www.sec.gov/Archives/edgar/data/1159508/000119312512409437/d414995d424b21.pdf
- Prospectus dated September 28, 2012: http://www.sec.gov/Archives/edgar/data/1159508/000119312512409372/d413728d424b21.pdf
 - Prospectus addendum dated December 24, 2014: http://www.sec.gov/Archives/edgar/data/1159508/00095010314009034/crt 52088.pdf

Capitalized terms used but not defined in this pricing supplement have the meanings assigned to them in the accompanying product supplement, prospectus supplement, prospectus and prospectus addendum. All references to "Buffer Rate," "Cash Settlement Amount," "Determination Date," "Final Underlier Level," "Initial Underlier Level," "Stated Maturity Date," "Underlier Return" and "Upside Participation Rate" in this pricing supplement shall be deemed to refer to "Downside Participation Factor," "Payment at Maturity," "Final Valuation Date," "Final Level," "Initial Level," "Maturity Date" "Underlying Return" and "Upside Leverage Factor," respectively, as used in the accompanying product supplement. All references to "Underlier" shall be deemed to refer to "Underlying" or "Fund" as used in the accompanying product supplement.

If the terms described in this pricing supplement are inconsistent with those described in the accompanying product supplement, prospectus supplement, prospectus or prospectus addendum, the terms described in this pricing supplement shall control.

Our Central Index Key, or CIK, on the SEC website is 0001159508. As used in this pricing supplement, "we," "us" or "our" refers to Deutsche Bank AG, including, as the context requires, acting through one of its branches. This pricing supplement, together with the documents listed above, contains the terms of the notes and supersedes all other prior or contemporaneous oral statements as well as any other written materials including preliminary or indicative pricing terms, correspondence, trade ideas, structures for implementation, sample structures, brochures or other educational materials of ours. You should carefully consider, among other things, the matters set forth in this pricing supplement and in "Risk Factors" in the accompanying product supplement and prospectus addendum, as the notes involve risks not associated with conventional debt securities. We urge you to consult your investment, legal, tax, accounting and other advisers before deciding to invest in the notes.

The trustee has appointed Deutsche Bank Trust Company Americas as its authenticating agent with respect to our Series A global notes.

Deutsche Bank AG has filed a registration statement (including a prospectus) with the Securities and Exchange Commission for the offering to which this pricing supplement relates. Before you invest, you should read the prospectus in that registration statement and the other documents relating to this offering that Deutsche Bank AG has filed with the SEC for more complete information about Deutsche Bank AG and this offering. You may obtain these documents without cost by visiting EDGAR on the SEC website at.www.sec.gov. Alternatively, Deutsche Bank AG, any agent or any dealer participating in this offering will arrange to send you the prospectus, prospectus addendum, prospectus supplement, product supplement, underlying supplement and this pricing supplement if you so request by calling toll-free 1-800-311-4409.

You may revoke your offer to purchase the notes at any time prior to the time at which we accept such offer by notifying the applicable agent. We reserve the right to change the terms of, or reject any offer to purchase, the notes prior to their issuance. We will notify you in the event of any changes to the terms of the notes, and you will be asked to accept such changes in connection with your purchase of any notes. You may also choose to reject such changes, in which case we may reject your offer to purchase the notes.

KEY TERMS

Issuer: Deutsche Bank AG, London Branch

Underlier: The iShares® MSCI Emerging Markets ETF (Ticker: EEM UP)

Tracked Index: MSCI Emerging Markets IndexSM

Specified Currency: U.S. dollars ("\$")

Face Amount: Each note will have a Face Amount of \$1,000; \$ in the aggregate for all the notes; the aggregate Face Amount of notes may be increased if the Issuer, at its sole option, decides to sell an additional amount of the notes on a date subsequent to the date of this pricing supplement.

Original Issue Price: 100.00% of the Face Amount

Purchase at amount other than the Face Amount: The amount we will pay you on the Stated Maturity Date for your notes will not be adjusted based on the issue price you pay for your notes, so if you acquire notes at a premium (or discount) to the Face Amount and hold them to the Stated Maturity Date, it could affect your investment in a number of ways. The return on your investment in such notes will be lower (or higher) than it would have been had you purchased the notes at the Face Amount. Also, the Buffer Level would not offer the same measure of protection to your investment as would be the case if you had purchased the notes at the Face Amount. Additionally, the Cap Level would be triggered at a lower (or higher) percentage return than indicated below, relative to your initial investment. See "Selected Risk Considerations — If You Purchase Your Notes at a Premium to the Face Amount, the Return on Your Investment Will Be Lower Than the Return on Notes Purchased at the Face Amount and the Impact of Certain Key Terms of the Notes Will Be Negatively Affected" on page PS-17 of this pricing supplement.

Cash Settlement Amount (on the Stated Maturity Date): For each \$1,000 Face Amount of notes, we will pay you on the Stated Maturity Date an amount in cash equal to:

- if the Final Underlier Level is greater than or equal to the Cap Level, the Maximum Settlement Amount;
- •if the Final Underlier Level is greater than the Initial Underlier Level but less than the Cap Level, the sum of (i) \$1,000 plus (ii) the product of (a) \$1,000 times (b) the Upside Participation Rate times (c) the Underlier Return;
- •if the Final Underlier Level is equal to or less than the Initial Underlier Level but greater than or equal to the Buffer Level, \$1,000; or
- •if the Final Underlier Level is less than the Buffer Level, the sum of (i) \$1,000 plus (ii) the product of (a) \$1,000 times (b) the Buffer Rate times (c) the sum of the Underlier Return and the Buffer Amount.

You will lose some or all of your investment at maturity if the Final Underlier Level is less than the Buffer Level. Any Cash Settlement Amount is subject to the credit of the Issuer.

Initial Underlier Level: To be determined on the Trade Date. The Initial Underlier Level may be higher or lower than the actual Closing Level of the Underlier on the Trade Date; provided that the Initial Underlier Level will not be higher than the highest level of the Underlier on the Trade Date.

Final Underlier Level: The Closing Level of the Underlier on the Determination Date

Underlier Return: The percentage increase or decrease in the Final Underlier Level from the Initial Underlier Level, calculated as follows:

Final Underlier Level – Initial Underlier Level Initial Underlier Level

Upside Participation Rate: 130.00%

Cap Level (to be set on the Trade Date): Expected to be between 115.60% and 118.20% of the Initial Underlier Level

Maximum Settlement Amount (to be set on the Trade Date): Expected to be between \$1,202.80 and \$1,236.60

Buffer Level: 90.00% of the Initial Underlier Level

Buffer Amount: 10.00%

Buffer Rate: The quotient of the Initial Underlier Level divided by the Buffer Level, which equals approximately

111.11%

Trade Date: , 2015

Original Issue Date: Expected to be the fifth scheduled Business Day following the Trade Date

Determination Date (to be set on the Trade Date): A specified date that is expected to be the third scheduled Trading Day prior to the originally scheduled Stated Maturity Date, subject to postponement as described in the accompanying product supplement on page 24 under "Description of Securities — Adjustments to Valuation Dates and Payment Dates."

Stated Maturity Date (to be set on the Trade Date): A specified date that is expected to be between 17 and 20 months after the Original Issue Date, subject to postponement as described in the accompanying product supplement on page 24 under "Description of Securities — Adjustments to Valuation Dates and Payment Dates."

No Interest or Dividends: The notes will not pay interest or dividends.

No Listing: The notes will not be listed on any securities exchange.

No Redemption: The notes will not be subject to any redemption right or price dependent redemption right.

Closing Level: The Closing Price of one share of the Underlier on the relevant date of calculation, multiplied by the then-current Share Adjustment Factor, as determined by the Calculation Agent.

Closing Price: As described under "Description of Securities — Certain Defined Terms" on page 20 of the accompanying product supplement

Share Adjustment Factor: As described under "Description of Securities — Certain Defined Terms" on page 22 of the accompanying product supplement and subject to adjustments in the case of certain events as described under "Description of Securities — Anti-Dilution Adjustments for Funds" in the accompanying product supplement

Business Day: As described under "Description of Securities — Certain Defined Terms" on page 20 of the accompanying product supplement

Trading Day: As described under "Description of Securities — Certain Defined Terms" on page 22 of the accompanying product supplement

Use of Proceeds and Hedging: As described under "Use of Proceeds; Hedging" on page 38 of the accompanying product supplement

Tax Consequences: In the opinion of our special tax counsel, Davis Polk & Wardwell LLP, which is based on prevailing market conditions, it is more likely than not that the notes will be treated for U.S. federal income tax

purposes as prepaid financial contracts that are not debt. Generally, if this treatment is respected, (i) you should not recognize taxable income or loss prior to the taxable disposition of your notes (including at maturity) and (ii) subject to the potential application of the "constructive ownership" regime discussed below, the gain or loss on your notes should be capital gain or loss and should be long-term capital gain or loss if you have held the notes for more than one year. The Internal Revenue Service (the "IRS") or a court might not agree with this treatment, however, in which case the timing and character of income or loss on your notes could be materially and adversely affected.

Even if the treatment of the notes as prepaid financial contracts is respected, purchasing a note could be treated as entering into a "constructive ownership transaction" within the meaning of Section 1260 of the

Internal Revenue Code ("Section 1260"). In that case, all or a portion of any long-term capital gain you would otherwise recognize upon the taxable disposition of the note would be recharacterized as ordinary income to the extent such gain exceeded the "net underlying long-term capital gain" as defined in Section 1260. Any long-term capital gain recharacterized as ordinary income would be treated as accruing at a constant rate over the period you held the note, and you would be subject to a notional interest charge in respect of the deemed tax liability on the income treated as accruing in prior tax years. Due to the lack of direct legal authority, our special tax counsel is unable to opine as to whether or how Section 1260 applies to the notes.

In 2007, the U.S. Treasury Department and the IRS released a notice requesting comments on various issues regarding the U.S. federal income tax treatment of "prepaid forward contracts" and similar instruments. The notice focuses in particular on whether beneficial owners of these instruments should be required to accrue income over the term of their investment. It also asks for comments on a number of related topics, including the character of income or loss with respect to these instruments; the relevance of factors such as the nature of the underlying property to which the instruments are linked; the degree, if any, to which income (including any mandated accruals) realized by non-U.S. persons should be subject to withholding tax; and whether these instruments are or should be subject to the "constructive ownership" regime discussed above. While the notice requests comments on appropriate transition rules and effective dates, any Treasury regulations or other guidance promulgated after consideration of these issues could materially and adversely affect the tax consequences of an investment in the notes, possibly with retroactive effect.

You should review carefully the section of the accompanying product supplement entitled "U.S. Federal Income Tax Consequences." The preceding discussion, when read in combination with that section, constitutes the full opinion of our special tax counsel regarding the material U.S. federal income tax consequences of owning and disposing of the notes.

Under current law, the United Kingdom will not impose withholding tax on payments made with respect to the notes.

For a discussion of certain German tax considerations relating to the notes, you should refer to the section in the accompanying prospectus supplement entitled "Taxation by Germany of Non-Resident Holders."

You should consult your tax adviser regarding the U.S. federal tax consequences of an investment in the notes (including possible alternative treatments, the potential application of the "constructive ownership" regime and the issues presented by the 2007 notice), as well as tax consequences arising under the laws of any state, local or non-U.S. taxing jurisdiction.

ERISA: As described under "Benefit Plan Investor Considerations" on page PS-46 of the accompanying prospectus supplement

Supplemental Plan of Distribution: As described under "Supplemental Plan of Distribution (Conflicts of Interest)" on page PS-21 in this pricing supplement and "Underwriting (Conflicts of Interest)" on page 39 of the accompanying product supplement

Calculation Agent: Deutsche Bank AG, London Branch

CUSIP No.: 25152RE82

ISIN No.: US25152RE824

Not FDIC Insured: The notes are not bank deposits and are not insured by the Federal Deposit Insurance Corporation (the "FDIC") or any other governmental agency, nor are they obligations of, or guaranteed by, a bank.

HYPOTHETICAL EXAMPLES

The following table and chart are provided for purposes of illustration only. They should not be taken as an indication or prediction of future investment results and are intended merely to illustrate the impact that the various hypothetical Closing Levels of the Underlier on the Determination Date could have on the Cash Settlement Amount, assuming all other variables remain constant.

The examples below are based on a range of Final Underlier Levels that are entirely hypothetical; no one can predict what the level of the Underlier will be on any day throughout the term of the notes, and no one can predict what the Final Underlier Level will be on the Determination Date. The Underlier has been highly volatile in the past — meaning that the level of the Underlier has changed considerably in relatively short periods — and its performance cannot be predicted for any future period.

The information in the following examples reflects hypothetical rates of return on the offered notes assuming that they are purchased on the Trade Date at the Face Amount and held to the Stated Maturity Date. The value of the notes and our purchase price in secondary market transactions after the Trade Date, if any, will vary based on many economic and market factors, including our creditworthiness, and cannot be predicted with accuracy. Any sale prior to the Stated Maturity Date could result in a substantial loss to you.

Key Terms and Assumptions

Face Amount \$1,000 Upside Participation Rate \$130.00%

Cap Level 116.90% of the Initial Underlier Level (the midpoint of the range

set forth in this pricing supplement)

Maximum Settlement Amount \$1,219.70 (the midpoint of the range set forth in this pricing

supplement)

Buffer Level 90.00% of the Initial Underlier Level Approximately 111.11%

Buffer Amount 10.00%

Neither a market disruption event nor a non-Trading Day occurs on the Determination Date

No discontinuation of the Underlier or its Tracked Index

Notes purchased on the Original Issue Date at the Face Amount and held to the Stated Maturity Date

Moreover, we have not yet set the Initial Underlier Level that will serve as the baseline for determining the Underlier Return and the amount that we will pay on the notes, if any, at maturity. We will not do so until the Trade Date. As a result, the actual Initial Underlier Level may differ substantially from the level of the Underlier at any time prior to the Trade Date.

For these reasons, the actual performance of the Underlier over the term of the notes, as well as the Cash Settlement Amount, if any, may bear little relation to the hypothetical examples shown below or to the historical levels of the Underlier shown elsewhere in this pricing supplement. For information about the historical levels of the Underlier during recent periods, see "The Underlier — Historical Information" below.

The levels in the left column of the table below represent hypothetical Final Underlier Levels and are expressed as percentages of the Initial Underlier Level. The amounts in the right column represent the hypothetical Cash Settlement Amount, based on the corresponding hypothetical Final Underlier Level (expressed as a percentage of the Initial Underlier Level), and are expressed as percentages of the Face Amount of notes (rounded to the nearest one-hundredth of a percent). Thus, a hypothetical Cash Settlement Amount of 100.00% means that the value of the cash payment that we would deliver for each \$1,000 of the outstanding Face Amount of notes on the Stated Maturity

Date would equal 100.00% of the Face Amount of notes, based on the corresponding hypothetical Final Underlier Level (expressed as a percentage of the Initial Underlier Level) and the assumptions noted above. Please note that the hypothetical examples shown below do not take into account the effects of applicable taxes. The numbers appearing in the table, paragraphs and chart below may have been rounded for ease of analysis.

Hypothetical Final Underlier Level	Hypothetical Cash Settlement Amount
(as Percentage of Initial Underlier Level)	(as Percentage of Face Amount)
200.00%	121.97%
175.00%	121.97%
150.00%	121.97%
125.00%	121.97%
116.90%	121.97%
115.00%	119.50%
110.00%	113.00%
105.00%	106.50%
100.00%	100.00%
95.00%	100.00%
90.00%	100.00%
85.00%	94.44%
80.00%	88.89%
75.00%	83.33%
50.00%	55.56%
25.00%	27.78%
0.00%	0.00%

If, for example, the Final Underlier Level were determined to be 25.00% of the Initial Underlier Level, the Cash Settlement Amount would be approximately 27.78% of the Face Amount of notes, as shown in the table above. As a result, if you purchased your notes on the Original Issue Date at the Face Amount and held them to the Stated Maturity Date, you would lose approximately 72.22% of your investment.

If you purchased your notes at a premium to the Face Amount, you would lose a correspondingly higher percentage of your investment.

If the Final Underlier Level were determined to be 150.00% of the Initial Underlier Level, the Cash Settlement Amount would be capped at the Maximum Settlement Amount (expressed as a percentage of the Face Amount), or 121.97% of each \$1,000 Face Amount of notes, as shown in the table above. As a result, if you purchased the notes on the Original Issue Date at the Face Amount and held them to the Stated Maturity Date, you would not benefit from any increase in the Final Underlier Level above the Cap Level of 116.90% of the Initial Underlier Level.

The following chart shows a graphical illustration of the hypothetical Cash Settlement Amount (expressed as a percentage of the Face Amount of notes), if the Final Underlier Level (expressed as a percentage of the Initial Underlier Level) were any of the hypothetical levels shown on the horizontal axis. The chart shows that any hypothetical Final Underlier Level (expressed as a percentage of the Initial Underlier Level) of less than the Buffer Level of 90.00% (the section left of the 90.00% marker on the horizontal axis) would result in a hypothetical Cash Settlement Amount of less than 100.00% of the Face Amount of notes (the section below the 100.00% marker on the vertical axis) and, accordingly, in a loss of principal to the holder of the notes. The chart also shows that any hypothetical Final Underlier Level (expressed as a percentage of the Initial Underlier Level) of greater than 116.90% (the section right of the Cap Level of 116.90% marker on the horizontal axis) would result in a capped return on your investment.

The Cash Settlement Amounts shown above are entirely hypothetical; they are based on hypothetical Final Underlier Levels, and therefore on hypothetical market prices for the component securities held by the Underlier, that may not be achieved on the Determination Date, and on assumptions that may prove to be erroneous. The actual market value of your notes on the Stated Maturity Date or at any other time, including any time you may wish to sell your notes, may bear little relation to the hypothetical Cash Settlement Amount shown above, and these amounts should not be viewed as an indication of the financial return on an investment in the notes. The hypothetical Cash Settlement Amount in the examples above assume you purchased your notes at their Face Amount and have not been adjusted to reflect the actual issue price you pay for your notes. The return on your investment (whether positive, zero or negative) in your notes will be affected by the amount you pay for your notes. If you purchase your notes for a price other than the Face Amount, the return on your investment will differ from, and may be significantly lower than, the hypothetical returns suggested by the above examples. Please read "Selected Risk Considerations — Many Economic and Market Factors Will Impact the Value of the Notes" in this pricing supplement.

We cannot predict the actual Final Underlier Level or what the market value of the notes will be on any particular Trading Day, nor can we predict the relationship between the level of the Underlier and the market value of your notes at any time prior to the Stated Maturity Date. The actual amount that you will receive, if any, at maturity and the rate of return on the notes will depend on the actual Initial Underlier Level, Cap Level and Maximum Settlement Amount we will set on the Trade Date and the actual Final Underlier Level determined by the Calculation Agent as described above. Moreover, the assumptions on which the hypothetical returns are based may turn out to be inaccurate. Consequently, the amount of cash to be paid in respect of your notes, if any, on the Stated Maturity Date may be very different from the information reflected in the table and chart above.

SELECTED RISK CONSIDERATIONS

An investment in the notes involves significant risks. Investing in the notes is not equivalent to investing directly in the Underlier or any of the component securities held by the Underlier. In addition to these selected risk considerations, you should review the "Risk Factors" sections of the accompanying product supplement and prospectus addendum.

You May Lose Some or All of Your Investment in the Notes

The notes do not pay interest or dividends and do not guarantee any return of your investment. The return on the notes at maturity is linked to the performance of the Underlier and will depend on whether, and the extent to which, the Underlier Return is positive or negative. Your investment will be exposed on a leveraged basis of 1.00% times the Buffer Rate for every 1.00% by which the Final Underlier Level is less than the Initial Underlier Level by an amount greater than the Buffer Amount. If the Final Underlier Level is less than the Initial Underlier Level by an amount greater than the Buffer Amount, you will lose some or all of your investment in the notes.

Your Maximum Payment on the Notes Is Limited to the Maximum Settlement Amount

As a holder of the notes, you will not benefit from any increase in the price of the Underlier beyond the Cap Level. Consequently, your Cash Settlement Amount will be limited to the Maximum Settlement Amount for each \$1,000 Face Amount of notes you hold, regardless of any further increase in the price of the Underlier, which may be significant. Accordingly, the amount payable on your notes may be significantly less than it would have been had you invested directly in the component securities held by the Underlier.

The Stated Maturity Date of the Notes Is a Pricing Term and Will Be Determined by the Issuer on the Trade Date

We will not determine the Stated Maturity Date until the Trade Date, so you will not know the exact term of, or the Determination Date for, the notes at the time that you make your investment decision. The term of the notes could be as short as the shorter end of the Stated Maturity Date range described on PS-6, and as long as the longer end of the Stated Maturity Date range. You should be willing to hold your notes until the latest possible Stated Maturity Date contemplated by the range. The Stated Maturity Date selected by us could have an impact on the value of the notes. Assuming no changes in other economic terms of the notes, the value of the notes would likely be lower if the term of the notes is at the longer end of the Stated Maturity Date range, rather than the shorter end of the Stated Maturity Date range.