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QUESTION 1

Given: For this fill-in the blank question, each answer option contains an answer for the first and second blanks, separated by a dash "--". Choose the answer option that correctly fills in both blanks in the following sentence.

A WLAN may use 802.11 admission control to_____, and admission control requirements are configured separately for each_____

A. Block stations with inadequate security parameters -- SSID

B. Identify voice-enabled wireless devices -- AP radio (that is, 2.4 GHz or 5 GHz)

C. Regulate the available bandwidth resources -- Access Category

D. Mark ingress and egress frames with priority values -- TCP/IP port

E. Administer VoWiFi use policy -- VLAN

Correct Answer: C

QUESTION 2

Given: You are evaluating the theoretical and real-world RF gain benefits of transmit and receive features introduced by 802.11n with MIMO. This exercise allows you to quantify the feature\\'s value in a real-world environment.

What is the maximum theoretical signal gain of chip-based TxBF and MRC (as features) when compared to the same AP using only a single antenna for transmit and receive (effectively simulating a 1x1 chip)?

A. 2 Rx or Tx chains = 3 dBi gain 3 Rx or Tx chains = approx 5 dBi gain 4 Rx or Tx chains = 6 dBi gain

B. 2 Rx or Tx chains = 1 dBi gain 3 Rx or Tx chains = 2 dBi gain 4 Rx or Tx chains = 3 dBi gain

C. 2 Rx or Tx chains = 3 dBi gain 3 Rx or Tx chains = 6 dBi gain 4 Rx or Tx chains = 9 dBi gain

D. 2 Rx or Tx chains = approx 4-6.5 dBi gain 3 Rx or Tx chains = approx 7-10 dBi gain 4 Rx or Tx chains = approx 10-12 dBi gain

E. The theoretical gains offered by each additional radio are different for TxBF and MRC.

Correct Answer: A

QUESTION 3

You are testing a VoWLAN deployment, and your communication measurements show a certain amount of lost packets. What would be an acceptable packet error rate value to still provide acceptable call quality?

A. There should be 0% error in a VoWLAN type of deployment

B. No more than 1% PER max should be acceptable

C. No more than 4% PER max should be acceptable

D. No more than 8% PER max should be acceptable

E. No more than 12% PER max should be acceptable

Correct Answer: B

QUESTION 4

What RF math formula should be used to convert an RF value in units of dBm into a value of mW?

*NotE. "dBm" in the formulas represents the known dBm value

A. mW 10(dBm/10)

B. mW

C. mW

D. mW

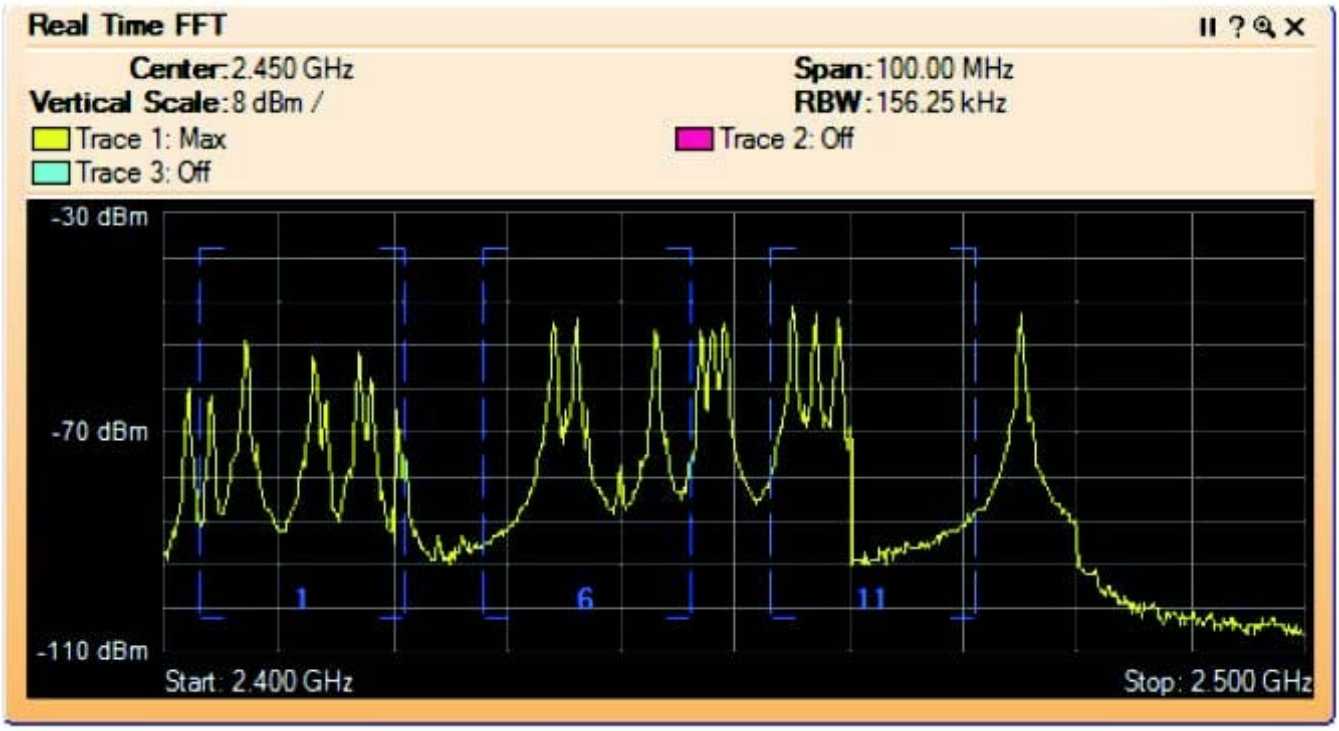
E. mW

F. mW =

Correct Answer: A

QUESTION 5

A Layer 1 sweep was performed at a customer location, and you are asked to review a capture taken during the survey.



What is the meaning of the chart shown in the exhibit and how should it be interpreted?

A. Real Time FFT means Real Time First Fundamental Trace and shows the value of the first signal detected on each frequency at each sweep interval.

B. Real Time FFT means Real Time Fast Frequency Timing and shows the RF pulses measured by the Layer 1 sweep tool.

C. Real Time FFT means Real Time Fast Fourier Transform and shows the max value of the signal detected on each frequency in real time.

D. Real Time FFT means Real Time Frequency Fundamental Texture and shows the value of the noise background generated by the card used to perform the Layer 1 sweep.

Correct Answer: C