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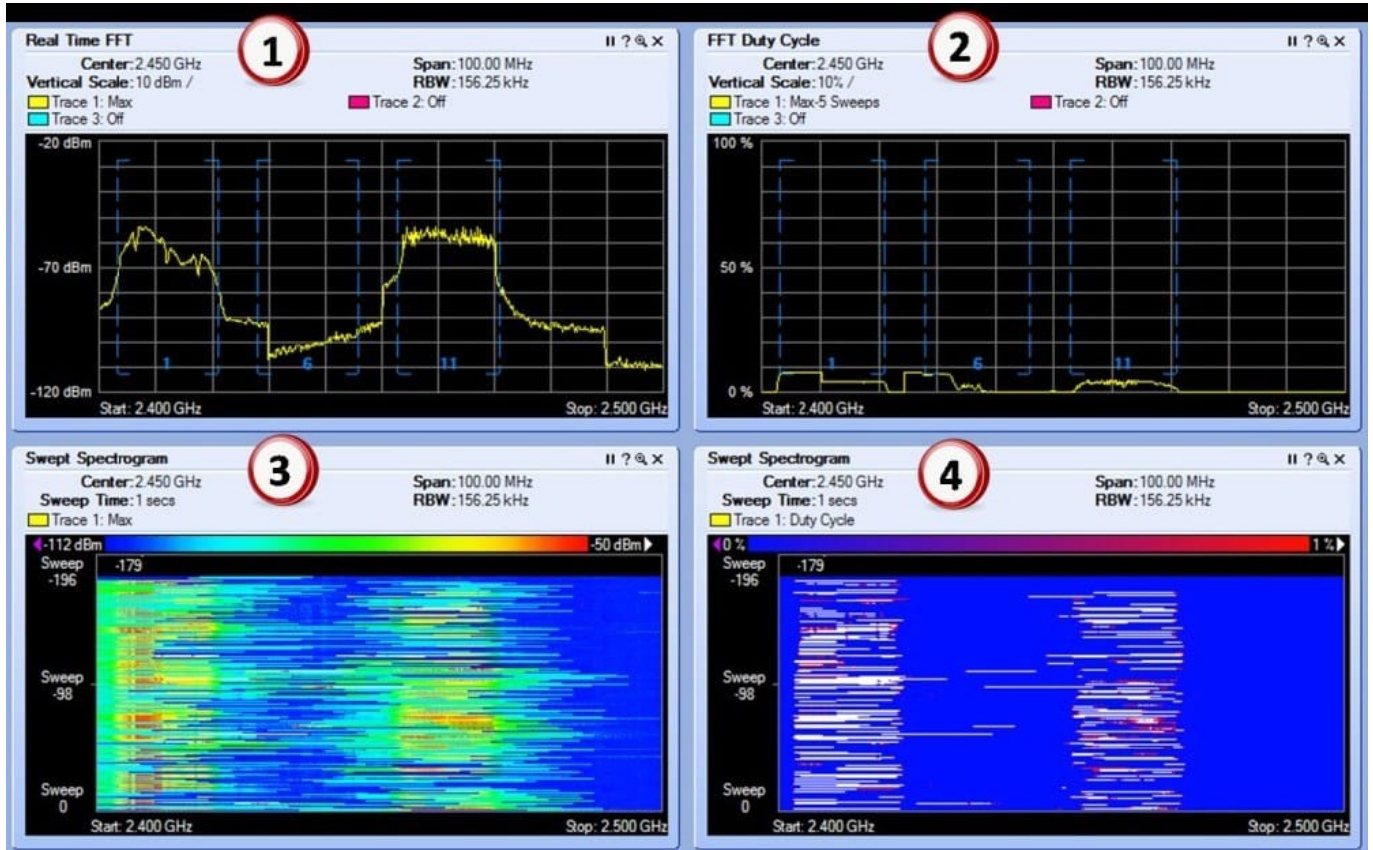
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QUESTION 1

Using the exhibit as a reference,



which spectrum plots display, in real time, the value of RF amplitude as a function of radio frequency?

- A. 1 and 2
- B. 1 and 3
- C. All of the plots
- D. 1, 3, and 4
- E. 3 and 4

Correct Answer: B

QUESTION 2

ABC Company is having VoWiFi latency problems on their 802.11g WLAN. A wireless administrator has noticed in the phone's client utilities software that the MAC CRC Error count is higher on stations with problems than on those client stations without problems.

A high MAC CRC Error count is attributable to which of the following? (Choose 3)



- A. High collision rates due to dense population of voice stations and no admission control
- B. Two access points with overlapping coverage on a single channel
- C. High multipath conditions due to an RF environment with highly reflective materials
- D. 2.4 GHz ISM band interference from sources such as wireless video cameras and analog phones
- E. Co-located DCF and EDCA access points that are using non-overlapping 2.4 GHz channels
- F. Dynamic Rate Switching algorithms that decrease data rates for latency-sensitive applications

Correct Answer: ACD

QUESTION 3

What two IEEE 802.11 entities may be used to separate successful transmissions within an EDCA TXOP? (Choose 2)

- A. SIFS
- B. AIFS
- C. ACK
- D. CAP
- E. PIFS
- F. EIFS
- G. RIFS

Correct Answer: AG

QUESTION 4

When a 5 GHz HT station in a 40 MHz BSS desires to protect a 40 MHz transmission from an OFDM station using an RTS/CTS or CTS-to-Self exchange, what frame format is used for the RTS and/or CTS frames?

- A. HT-mixed format
- B. HT-greenfield format
- C. Dual-CTS
- D. Non-HT Duplicate
- E. Phased Coexistence PPDU

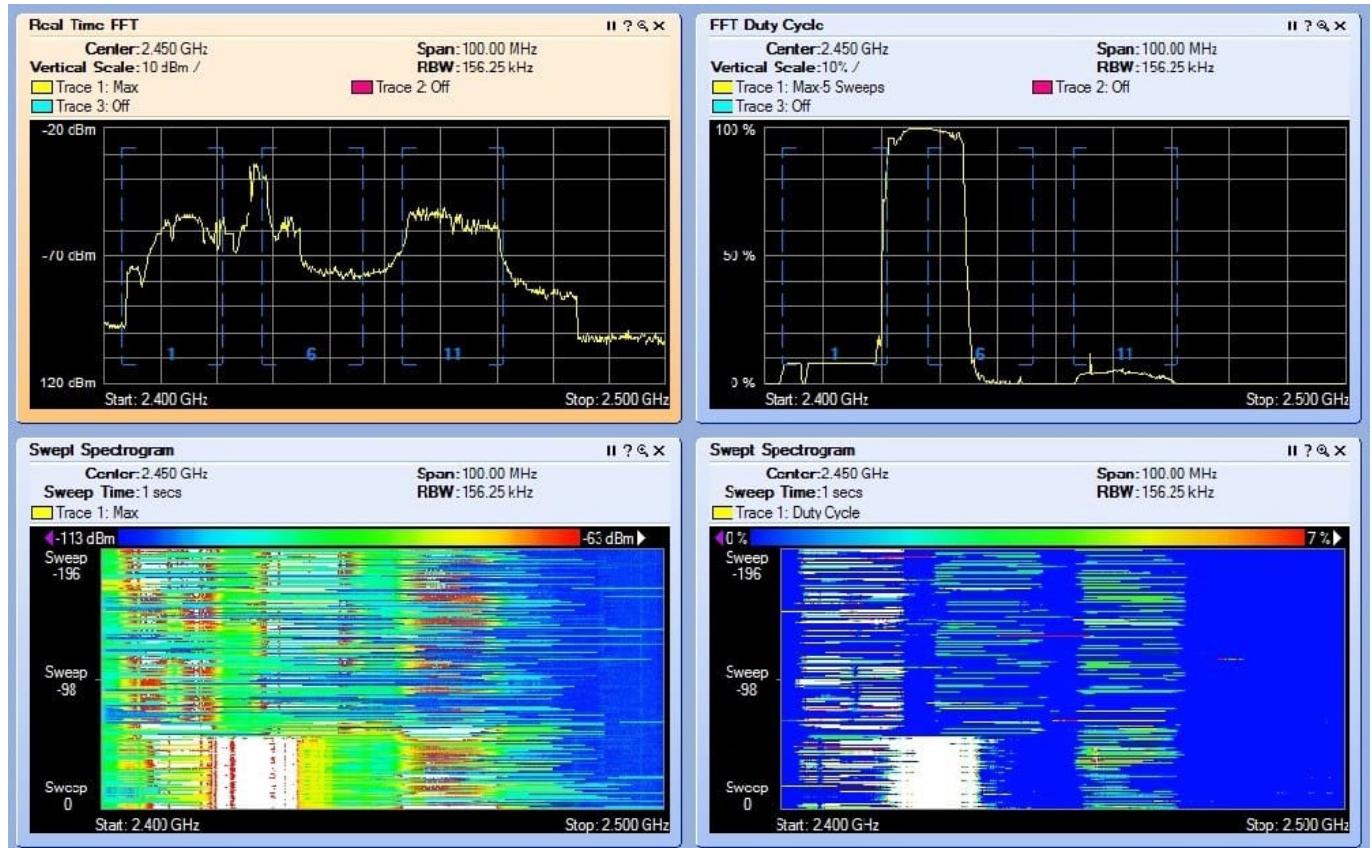
Correct Answer: D



QUESTION 5

As shown in the exhibit, a spectrum analyzer has measured both 802.11 and non-802.11 RF transmissions in the 2.4 GHz band. The exhibit shows a continuous video transmitter near channel 5.

Based upon the exhibit,



what impact does the video transmitter have on WLAN operations throughout the band?

- A. The video transmitter is preventing WLAN operation on channel 6, and has only a minor impact on channels 1 and 11.
- B. The video transmitter has made no impact on WLAN operation in the band.
- C. The video transmitter is preventing all WLAN transmissions in the band.
- D. The video transmitter is preventing all WLAN transmissions on channel 6, and its impact on channels 1 and 11 is severe.

Correct Answer: A

QUESTION 6

Which statements are true regarding wireless network discovery and scanning processes for an HT network? (Choose 2)

- A. Client stations may continually send Probe Request frames on all HT channels in the 2.4 GHz ISM band in a



consecutive manner, regardless of their association state.

B. Access points send Beacon frames on all HT channels in the 2.4 GHz ISM band in a consecutive manner including the channel for which the access point is configured.

C. Client stations send Probe Request frames on all HT channels in the 2.4 GHz ISM band in a consecutive manner until they associate with an access point. After associating to an access point, they no longer transmit Probe Request frames.

D. Access points send Beacon frames only on the HT channel in the 2.4 GHz ISM band for which the access point is configured, and only after scanning that channel to discover existing BSSs.

E. Client stations send Probe Request frames on all HT channels in the 2.4 GHz ISM band in a consecutive manner until they receive at least 3 Probe Response frames.

Correct Answer: AD

QUESTION 7

The 802.11r-2008 amendment to the 802.11 specification introduces what new Information Elements (IEs) to facilitate fast BSS transitions? (Choose 2)

A. RSN IE (Robust Security Network)

B. FSR IE (Fast Secure Roaming)

C. HT IE (High Throughput)

D. MD IE (Mobility Domain)

E. FT IE (Fast Transition)

F. DS IE (Distribution System)

Correct Answer: DE

QUESTION 8

According to 802.11-2007, in what frame type(s) might you find the PMK Count and PMKID List fields?

A. All frames that include the RSN IE

B. Only (Re)Association Request frames

C. Beacon and Probe Response frames

D. EAPoL 4-Way Handshake frames

E. Authentication and Association Request and Response frames

Correct Answer: B

**QUESTION 9**

In an HT WLAN in which a delayed Block Ack policy is set up, what should result when an ACK frame is not received by the originator in response to a Basic BlockAckReq?

- A. All frames within that block must be retransmitted by the originator.
- B. The last frame within that block must be retransmitted by the originator.
- C. The BlockAckReq must be retransmitted by the originator.
- D. Nothing. No ACK is expected in response to a Basic BlockAckReq.

Correct Answer: C

QUESTION 10

According to the IEEE 802.11 standard, what is one structural difference between a MAC Protocol Data Unit (MPDU) and a MAC Management Protocol Data Unit (MMPDU)?

- A. The MPDU frame's FCS field is 4 bytes, while the MMPDU frame's FCS field is 8 bytes.
- B. The MMPDU frame body is limited to 300 bytes, whereas the MPDU frame body can carry up to 2304 bytes.
- C. The MPDU header always places the BSSID in the first address field, but in the MMPDU the BSSID can be found in any of the address fields.
- D. An MMPDU header may only contain three address fields, but an MPDU may have four address fields.
- E. Both the MPDU and MMPDU have a QoS Control (QC) field, but all bits of the MMPDU's QC field are always 0.

Correct Answer: D

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