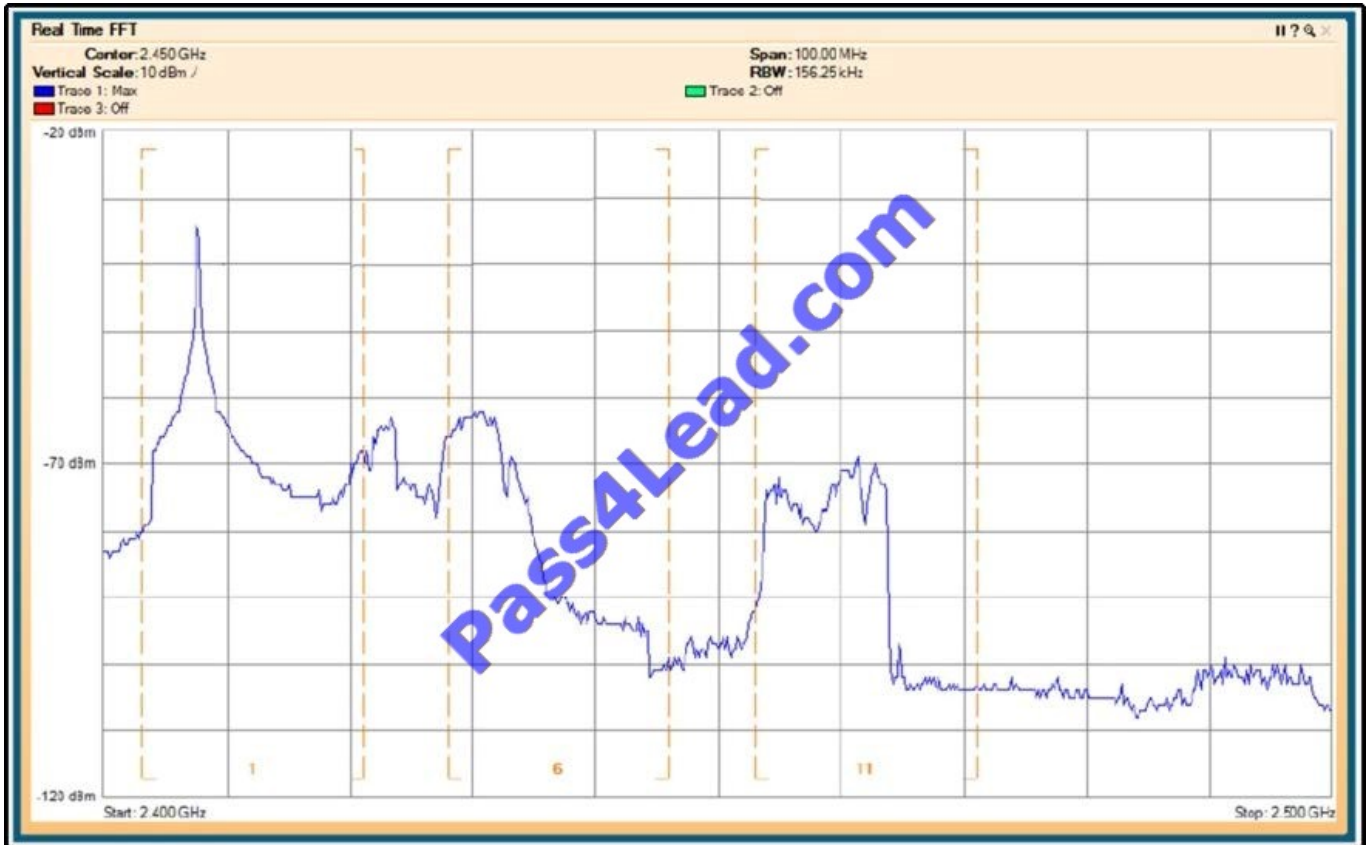**Vendor:**Cisco

**Exam Code:**642-731

**Exam Name:**Conducting Cisco Unified Wireless Site
Survey

**Version:**Demo

**QUESTION 1**

Refer to the exhibit.



Clients in a conference room have been experiencing difficulty connecting to the Access Point on Channel 1. Which option is causing the interference?

A. Wireless Video Camera

B. Bluetooth Device

C. Cordless Phone

D. Zigbee Device

E. Jammer

Correct Answer: C

---

**QUESTION 2**

When planning a site survey, what Cisco tool can an engineer use to estimate the number of required APs?

A. MSE Location Tracking

B. WCS Planning Mode

C. WLC NetFlow Exporter

D. LWAP Monitor Mode

E. WCS Map Editor

Correct Answer: B

---

**QUESTION 3**

Which two factors influence the density of APs in a data-only WLAN environment? (Choose two.)

A. Channel reuse and WLAN bandwidth

B. The type of controller chosen.

C. The defined coverage area and customer needs.

D. The number of clients that will roam through the facility.

E. The number of APs dedicated to voice services.

Correct Answer: AC

---

**QUESTION 4**

Which two details are specified in the Executive Summary section of the Site Survey Report? (Choose two.)

A. proposed location for each AP

B. customer and site surveyor contact details

C. total number of APs

D. expressed requirements set by customer

E. coverage map

Correct Answer: CD

---

**QUESTION 5**

What document must be kept current when a customer is conducting network maintenance?

A. installation report

B. survey report

C. readiness report

D. technical report

Correct Answer: A

---

## QUESTION 6

Select and Place:

| Drag from the left the devices that would be considered highly mobile or nomadic, and drop them under the appropriate category on the right. |
| --- |

Laptop PC

Tablet PC

Cisco 7925

Smart Phone

Barcode Scanner

Highly Mobile

Target

Target

Target

Nomadic

Target

Target

Correct Answer:

| Drag from the left the devices that would be considered highly mobile or nomadic, and drop them under the appropriate category on the right. |
| --- |

Highly Mobile

Tablet PC

Cisco 7925

Smart Phone

Nomadic

Laptop PC

Barcode Scanner

---

## QUESTION 7

You have a multinational customer that would like you to perform a wireless site survey for a new manufacturing facility in Singapore. They have had a local vendor install a point-to- point wireless bridge link between two buildings 1 km apart. The ground between the buildings is flat but because facilities are in the mountains, dense fog is an issue. There are no line of sight issues between the buildings. The link is experiencing errors and throughput issues. Currently the two radios are set to operate at 2.4 GHz and the transmit power is set to 7 dBm with 7 dBm antennas. What do you need to take into consideration when performing the site survey for this link?

A. Change the radio power to 17 dBm.

B. Change the radio power to 20 dBm and replace with a 16 dBm antenna.

C. Change the radio power to 29 dBm.

D. Change the radio power to 13 dBm.

Correct Answer: D

---

## QUESTION 8

An engineer is installing a wireless network in an industrial area with extreme temperatures and a significant amount of dust. Which enclosure should be used to protect the APs?

A. NEMA

B. ACU

C. WLSE

D. ADU

Correct Answer: A

---

## QUESTION 9

When designing a WLAN, AP placement is important. How would you rank the density of APs needed to support location services versus data and voice services?

A. Voice and data services both require a higher density of APs than location services.

B. Data services have a lower density of APs compared to location services, but more than voice.

C. Voice services have the highest density of APs over location and data services.

D. Data services have the lowest density of APs compared to location services, which has the highest density.

Correct Answer: D

---

## QUESTION 10

How many location points are needed to validate both 802.11b/g and 802.11a in the Cisco WCS Calibration?

A. 50

B. 100

C. 150

D. 200

E. 300

Correct Answer: E

---

**QUESTION 11**

What document is required to build the Statement of Work?

A. pre-survey questionnaire

B. post-survey questionnaire

C. site survey report

D. installation report

Correct Answer: A

---

**QUESTION 12**

A customer has requested site surveys for data, voice, video, and location services for their location. The customer will be using RFID tags extensively. Which type of site survey should be conducted?

A. data

B. voice

C. video

D. location-based services

E. bridging

F. multi-survey

Correct Answer: D

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