



ECP-383^{Q&As}

Ericsson Certified Associate - Radio Network Optimization

Pass Ericsson ECP-383 Exam with 100% Guarantee

Free Download Real Questions & Answers **PDF** and **VCE** file from:

<https://www.pass4itsure.com/ecp-383.html>

100% Passing Guarantee
100% Money Back Assurance

Following Questions and Answers are all new published by Ericsson
Official Exam Center

-  **Instant Download** After Purchase
-  **100% Money Back** Guarantee
-  **365 Days** Free Update
-  **800,000+** Satisfied Customers





QUESTION 1

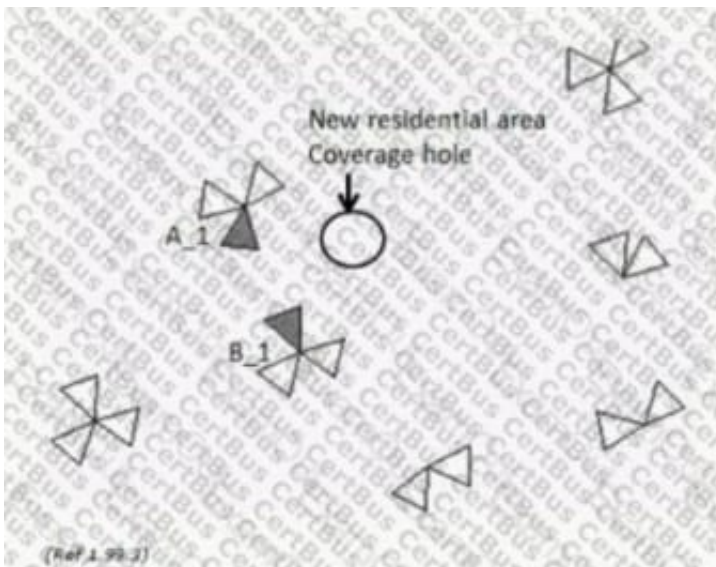
Which two statements are true about the Antenna Integrated Radio (AIR)? (Choose two.)

- A. The AIR is a hardware unit that integrates the radio and the antenna.
- B. The AIR replaces the digital/baseband unit.
- C. The AIR in an LTE system is directly connected with the MME using the S1 interface.
- D. The AIR can replace the standard RU/RRU and antenna.

Correct Answer: AD

QUESTION 2

Review the exhibit.



A new residential area has recently been built showing a lack of 3G uplink coverage as shown in the exhibit. The terrain is flat and all the buildings in the area are 20 meters in height with no other relevant direct obstacles.

What should be applied to cells A_1 and B_1 to provide 3G service to the new area knowing that both cells have a soft handover (SHO) factor of 1.9?

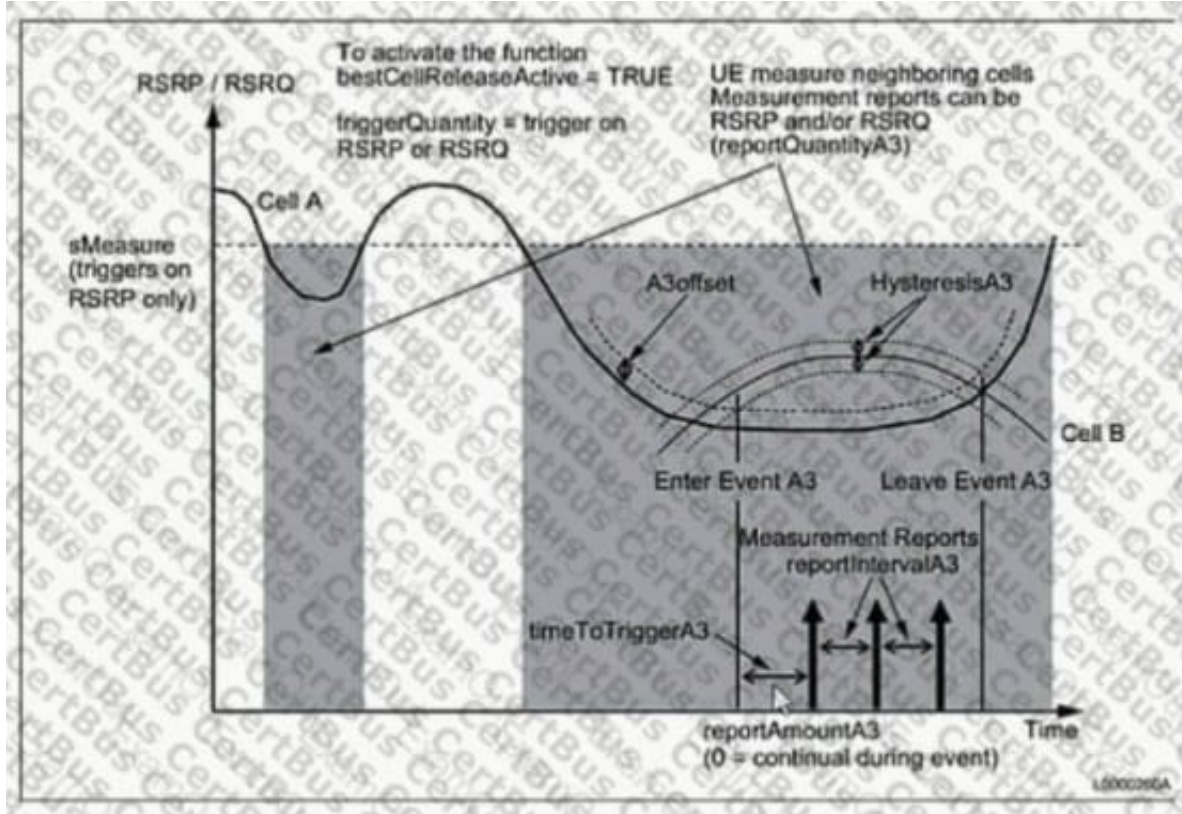
- A. Increase the CPICH power.
- B. Increase the electrical downtilt.
- C. Reduce the antenna height.
- D. Change the azimuth.

Correct Answer: D



QUESTION 3

Refer to the exhibit.



You identify an L700 cell serving a highway with poor handover success rate performance.

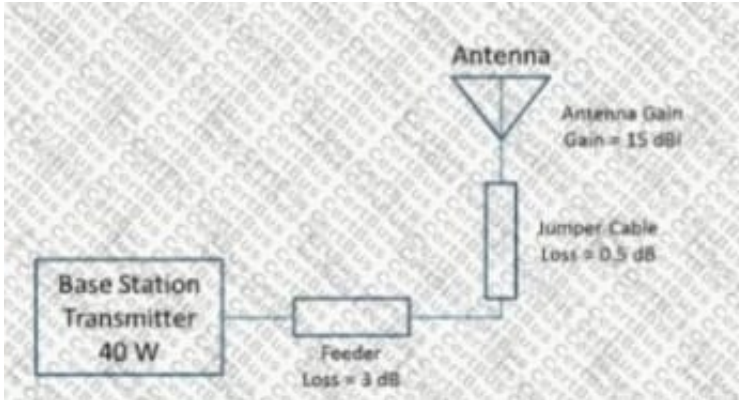
Referring to the exhibit, which two actions will help to improve the handover performance in this scenario? (Choose two.)

- A. Decrease the timetotriegerA3 parameter.
- B. Decrease the A3offset parameter.
- C. Increase the A3offset parameter.
- D. Increase the timetotriegerA3 parameter.

Correct Answer: CD

QUESTION 4

Review the exhibit.



What is the EIRP of the transmitter shown in the exhibit?

- A. 57.5 dBm
- B. 42.5 dBm
- C. 40 dBm
- D. 46 dBm

Correct Answer: A

QUESTION 5

Review the exhibit.

$$\text{KPI K} = 100 * (\text{Counter C1} / \text{Counter C2})$$

	ROP 1	ROP 2	ROP 3	ROP 4
Counter C1	150	150	90	90
Counter C2	150	150	100	100
KPI K	100	100	90	90

(Ref: 2, 36, 4)

Using a radio performance monitoring tool, you fetch counters C1 and C2 and calculate KPI K for the four 15-minute ROPs in an hour. The values obtained for the C1 and C2 counters and for KPI K are shown in the exhibit.

In this scenario, what is the hourly value of KPI K?

- A. The value obtained for KPI K is 97%.
- B. The value obtained for KPI K is 96%.
- C. The value obtained for KPI K is 95%.



D. The value obtained for KPI K is 94%.

Correct Answer: B

QUESTION 6

Which two channel bandwidths are available in LTE? (Choose two.)

- A. 2.8 MHz
- B. 1.4 MHz
- C. 30 MHz
- D. 15 MHz

Correct Answer: BD

QUESTION 7

You are performing a drive test on a cluster carrying commercial WCDMA traffic using a drive testing tool. What are two metrics that would be detected using this tool? (Choose two.)

- A. packet throughput
- B. RNC processor load
- C. channel element utilization
- D. speech accessibility

Correct Answer: AD

QUESTION 8

Performance Management Statistics have recently shown a sharp rise in received interference power on an LTE site during the busiest hours. A collocated WCDMA base station has recently acquired a new carrier and upgraded power amplifier. The upgrade correlates with the sharp rise in received interference power.

What are two appropriate actions to solve this problem? (Choose two.)

- A. Request or perform a build audit of the newly upgraded collocated WCDMA site.
- B. Increase the power amplifier on the impacted collocated LTE sectors.
- C. Reduce the hsPowerMargin parameter to make more power available for HSDPA.
- D. Review the site design in consultation with the Ericsson collocation and coexistence guidelines.

Correct Answer: AD

**QUESTION 9**

Several operators are using a Multi Operator Core Network (MOCN) with the Shared LTE RAN feature. Which element is shared by the operators in this scenario?

- A. eNodeB
- B. IMS
- C. MME
- D. SGW

Correct Answer: A

QUESTION 10

After the installation of a new LTE antenna on a roof top, UL interference power for that sector is observed. In this scenario, which two situations would cause the interference? (Choose two.)

- A. Equipment that generates electrical magnetic fields are in the same location.
- B. The antenna was placed on a mast near the edge of a rooftop.
- C. A plastic enclosure was placed to cover the antenna.
- D. Reflective objects such as metal chains or metal ladders were placed in front of the antenna.

Correct Answer: AD

QUESTION 11

What are two benefits of massive MIMO? (Choose two.)

- A. It serves many users in the same time and frequency with a single element antenna.
- B. It increases SINR by focusing a signal toward an individual user.
- C. It serves many spatially separated users in the same time and frequency.
- D. It increases throughput by allowing access to larger spectrum slices.

Correct Answer: CD

QUESTION 12

Which identifier is used for locating a UE in a standalone LTE network?

- A. RAC



- B. TAC
- C. LAC
- D. URAC

Correct Answer: B

QUESTION 13

Which statement describes uplink Discontinuous Transmission (DTX)?

- A. DTX is a method of saving battery power for the BTS by turning off the transmitter while "voice" is not present.
- B. DTX is a method of saving battery power for the MSC by turning off the transcoder while "voice" is not present.
- C. DTX is a method of saving battery power for the BSC by turning off the transcoder while "voice" is not present.
- D. DTX is a method of saving battery power for the MS by turning off the transmitter while "voice" is not present.

Correct Answer: D

QUESTION 14

You are performing a physical parameter optimization of an LTE network with an automatic tool that uses propagation predictions. As a result, the tool estimates an increase of RSRP from cell A at a particular location.

In this scenario, what has happened?

- A. Signal attenuation from the transmitter to the location has increased.
- B. The antenna pattern of cell A has changed.
- C. The PRB utilization of cell A has decreased.
- D. Soft handover factor has increased.

Correct Answer: B

QUESTION 15

What is the recommended setting for the primaryCpichPower parameter according to Ericsson NDO guidelines?

- A. less than 33 dBm
- B. 36 dBm or more Independently of the maximum transmission power
- C. 8-10% of $\min[\text{maximumTransmissionPower}, \text{maxDIPowerCapability}]$
- D. 33 dBm independently of maximum transmission power



Correct Answer: C

[ECP-383 PDF Dumps](#)

[ECP-383 Practice Test](#)

[ECP-383 Exam Questions](#)