

# ECP-383<sup>Q&As</sup>

Ericsson Certified Associate - Radio Network Optimization

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**QUESTION 1**

Which two statements correctly describe Single Carrier Frequency Division Multiple Access (SC-FDMA) as used in LTE systems using uplink SIMO? (Choose two.)

- A. SC-FDMA allows simultaneous uplink transmissions on the same physical resource blocks.
- B. SC-FDMA is beneficial because it avoids (nter-cell interference.
- C. SC-FDMA separates uplink transmissions in the time and/or frequency domain.
- D. SC-FDMA is beneficial because it avoids intra-cell interference.

Correct Answer: AD

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**QUESTION 2**

A customer has Identified problems In an Indoor, medium loaded, urban area of a GSM/WCDMA collocated network. The problem seems to be in the uplink. The signal level received by the problematic site is high, and the downlink signal in the problematic area is acceptable. Which two actions would you use to troubleshoot the issue? (Choose two.)

- A. Add a pico cell In the same RAT and frequency.
- B. Run a passive inter-modulation (PIM) analysis.
- C. Decrease base station transmission power.
- D. Investigate external interference.

Correct Answer: BD

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**QUESTION 3**

Review the exhibit.

Parameter	Parameter Description
<i>qQualMin</i>	Specifies the minimum required quality level(RSRQ) in the cell in dB. Corresponds to Qqualmin in TS 36304, sent in SIB1. Value 0 means that it is not sent and UE applies in such case the (Default) value of negative infinity for Qqualmin.
<i>qRxLevMin</i>	The required minimum received Reference Symbol Received Power(RSRP) level in the E-UTRA frequency for cell reselecton. Corresponds to parameter Qrxlevmin in 3GPP TS 36.304. This attribute is broadcast in S1B1.

An operator's LTE single layer network has a cell not carrying enough traffic. To increase the traffic carried by the cell, the operator decides to modify the Idle mode behavior of the cell. Values for the qRxLevMin and qQualmin parameters are currently set to -120 dBm and -12 dB. Referring to the exhibit, which two configurations would be used to potentially increase the traffic carried by this cell? (Choose two.)

- A. Set the qRxLevMin parameter to -117 dBm.
- B. Set the qQualMin parameter to -15 dB.
- C. Set the qQualMin parameter to -9 dB.
- D. Set the qRxLevMin parameter to -123 dBm.

Correct Answer: BD

**QUESTION 4**

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

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**QUESTION 5**

Which three service KPIs (S-KPIs) are obtained by DT measurement? (Choose three.)

- A. bearer drop rate
- B. handover success rate
- C. additional status total time for social media
- D. initial buffering time for video
- E. interactive time for Web browsing

Correct Answer: ABD

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