

# 2G,3G and 4G wireless interference performance

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# Introduction and benefits



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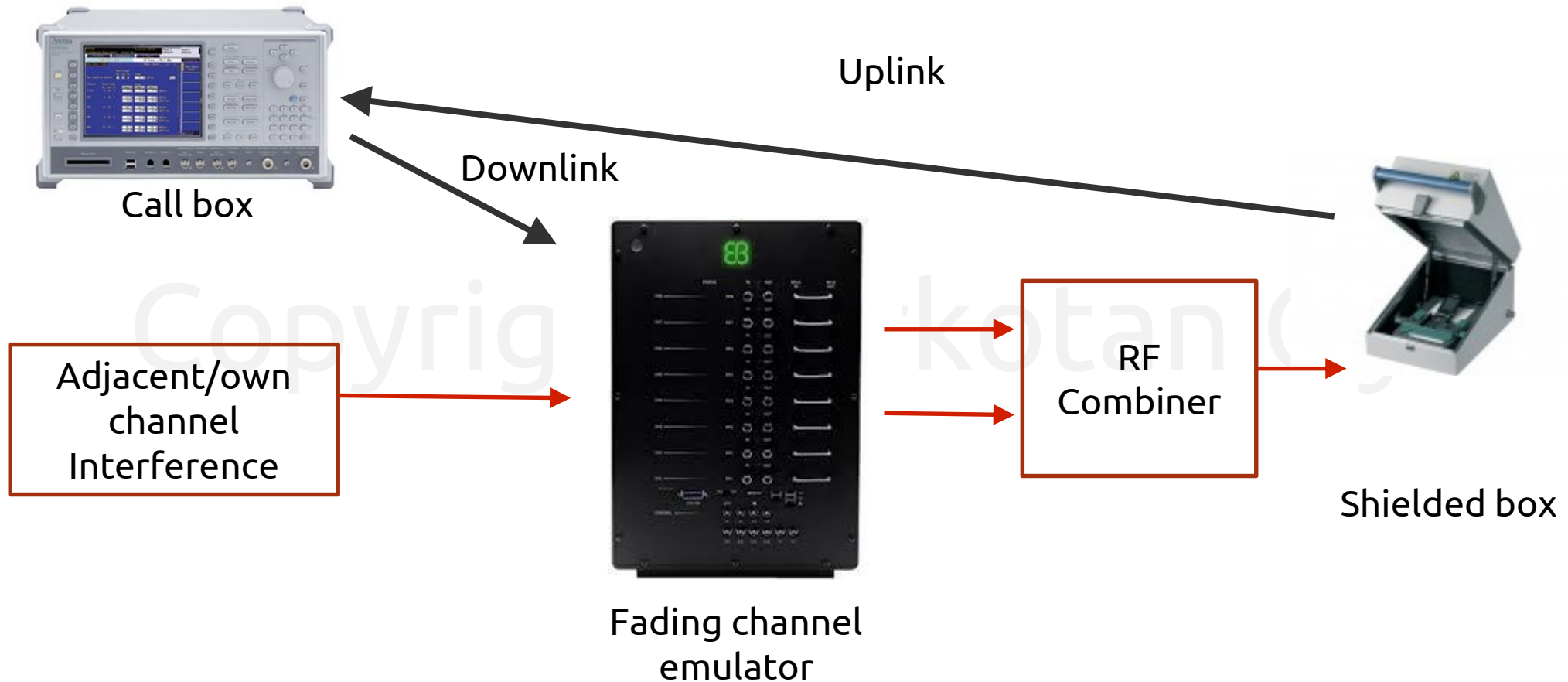
Verkotan has developed tests to examine how well 2G, 3G and 4G receivers perform in today's interference limited networks.

- Tests will reveal challenges with mobile device performance in
  - call drops, call reception (paging) problems, poor battery performance, audio failure, poor audio quality etc.

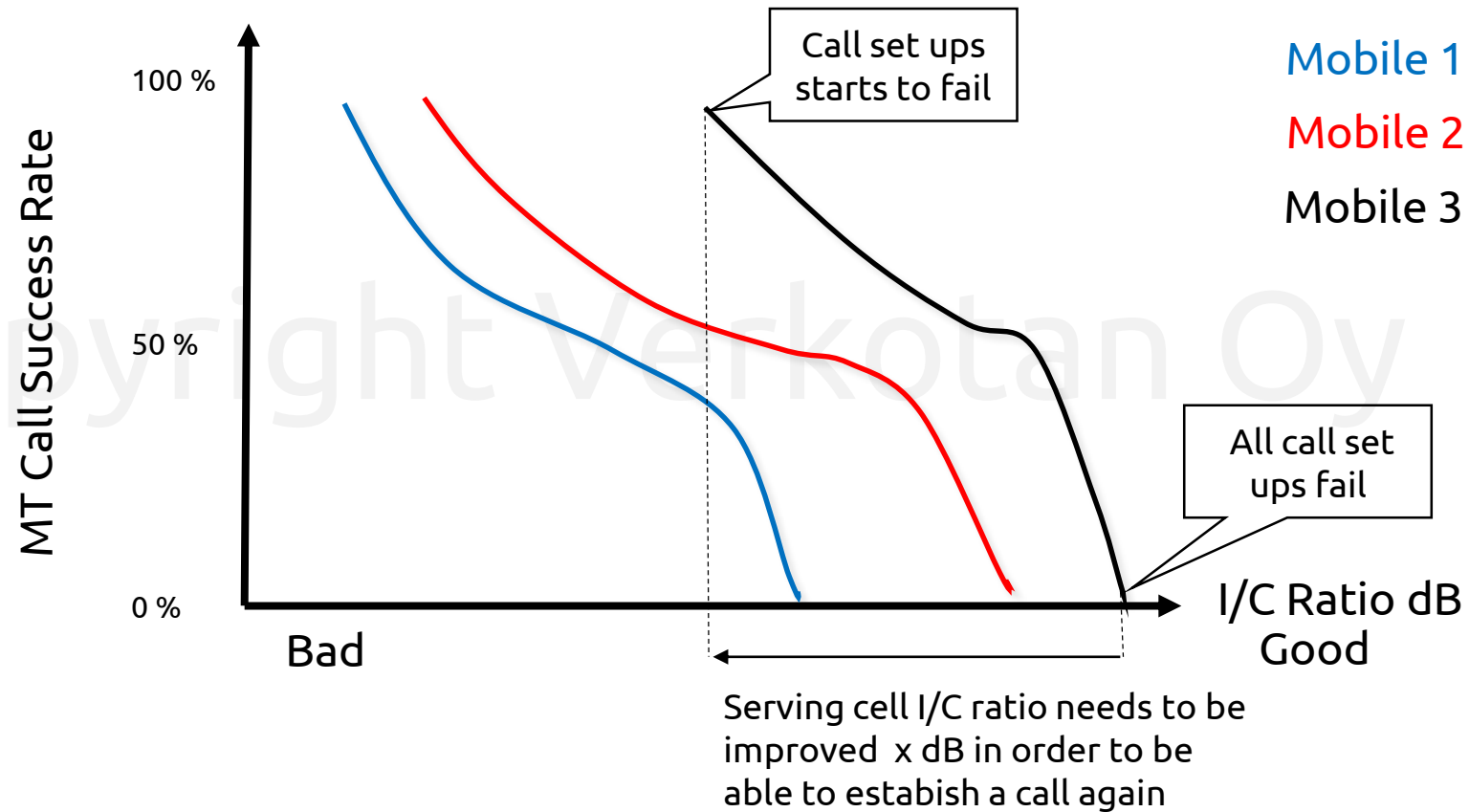
Test identifies the worst and the best performing 2G, 3G and 4G modems and products

- Target is to ensure required user experience and to minimize customer complaints about product quality

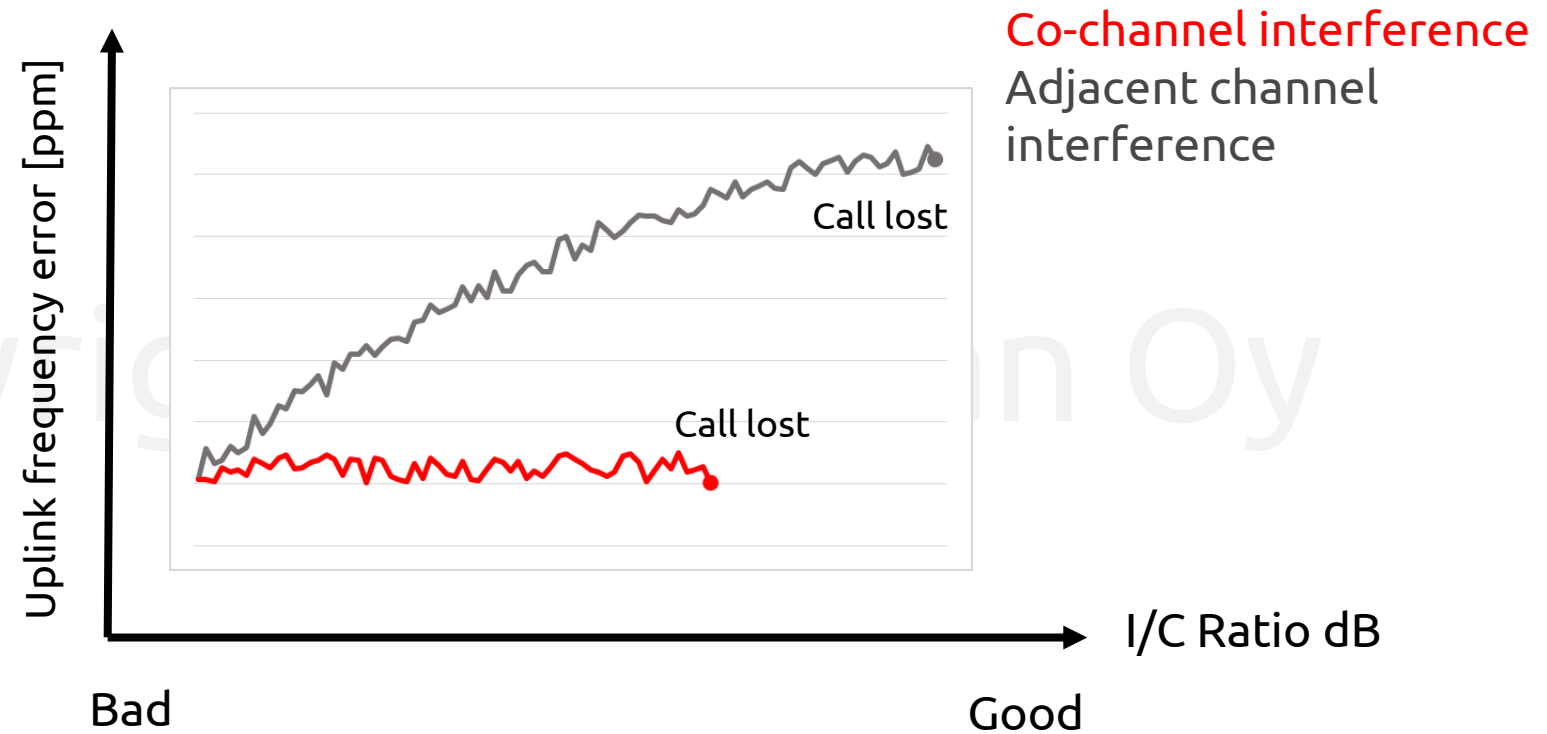
# GSM test set up



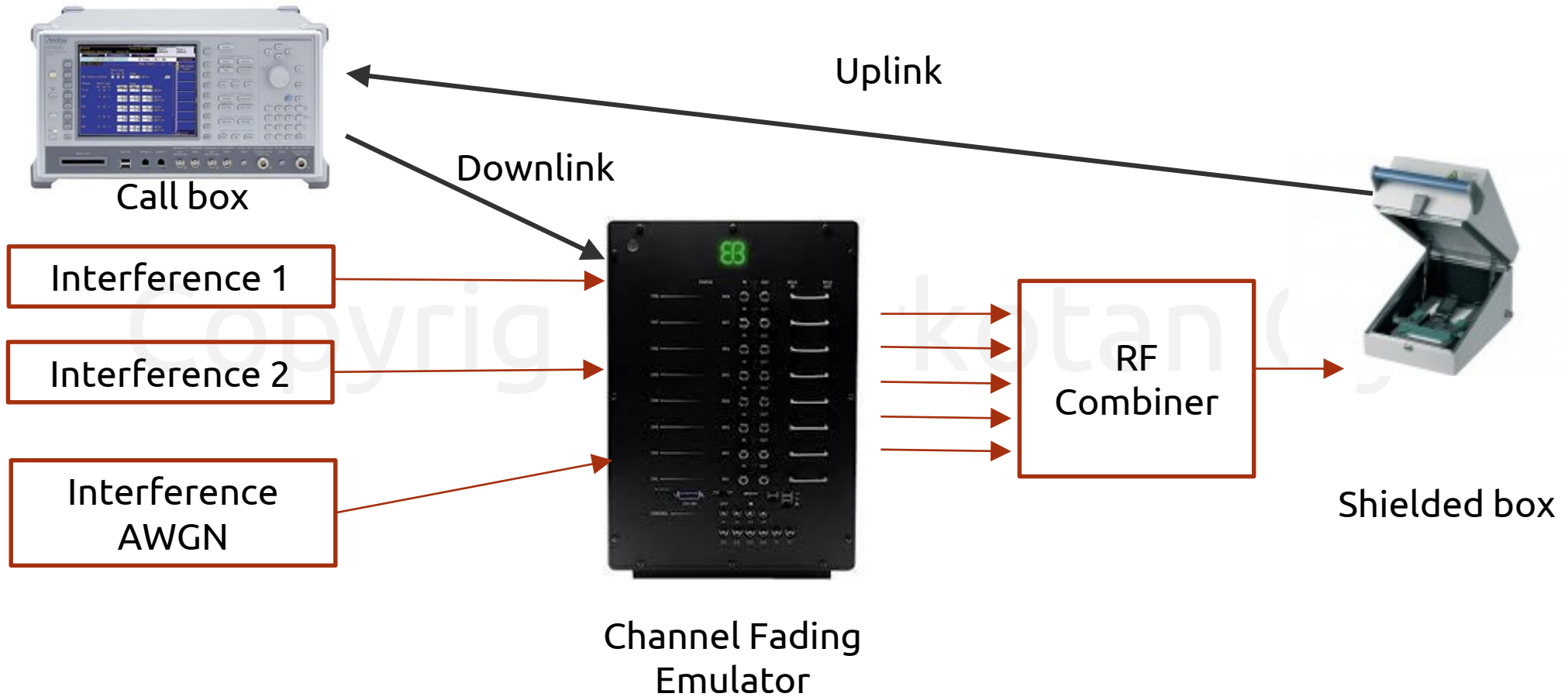
# GSM MT call set test results



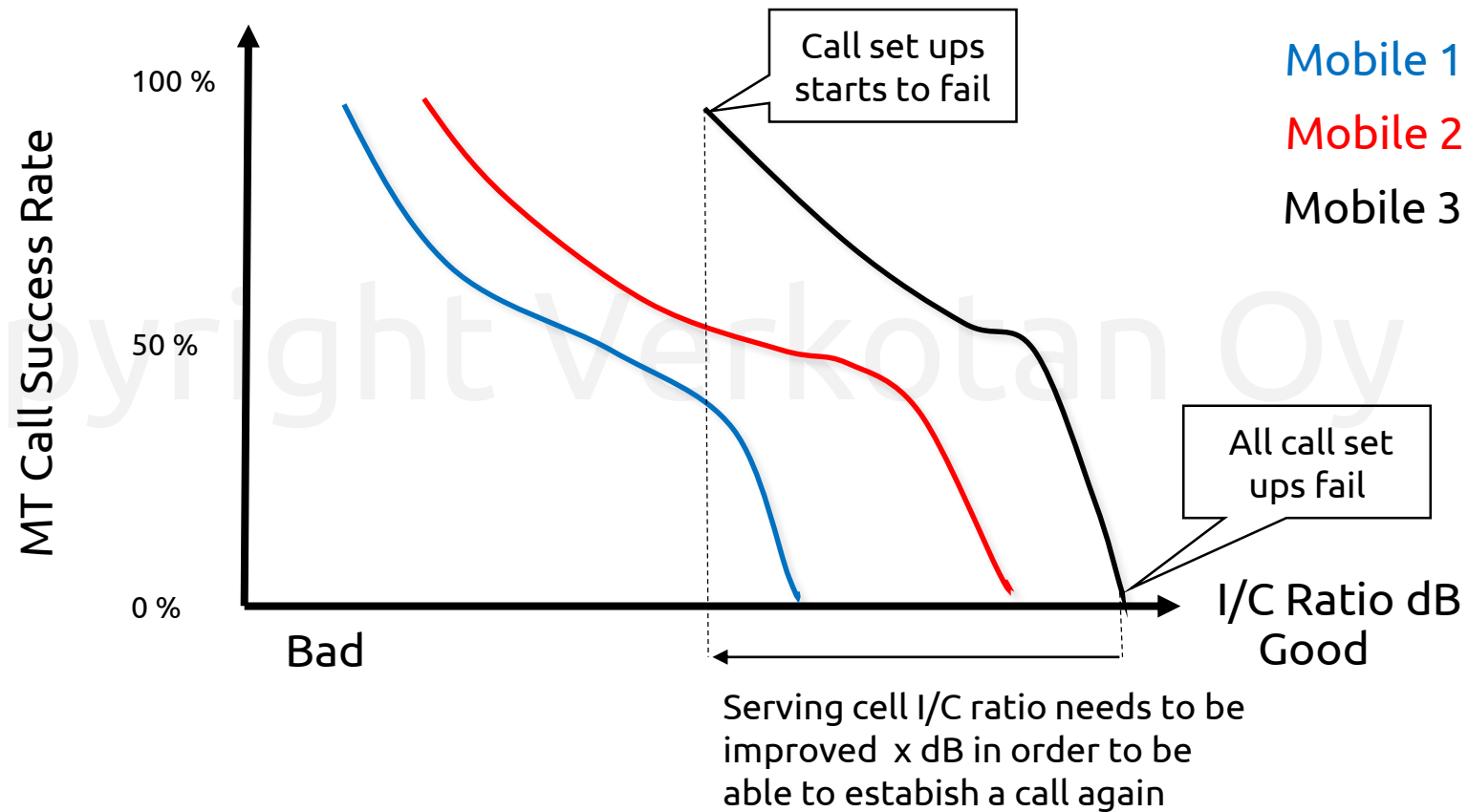
# GSM MT call interference tolerance – test results



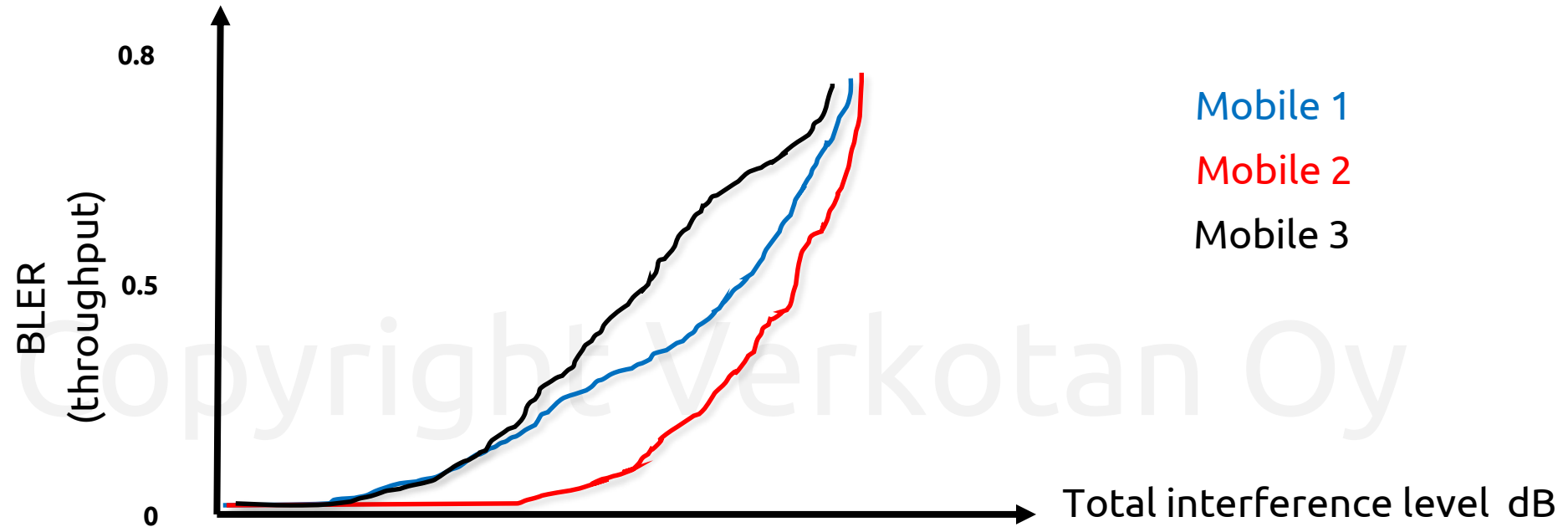
# WCDMA test set up



# WCDMA MT call set up test results

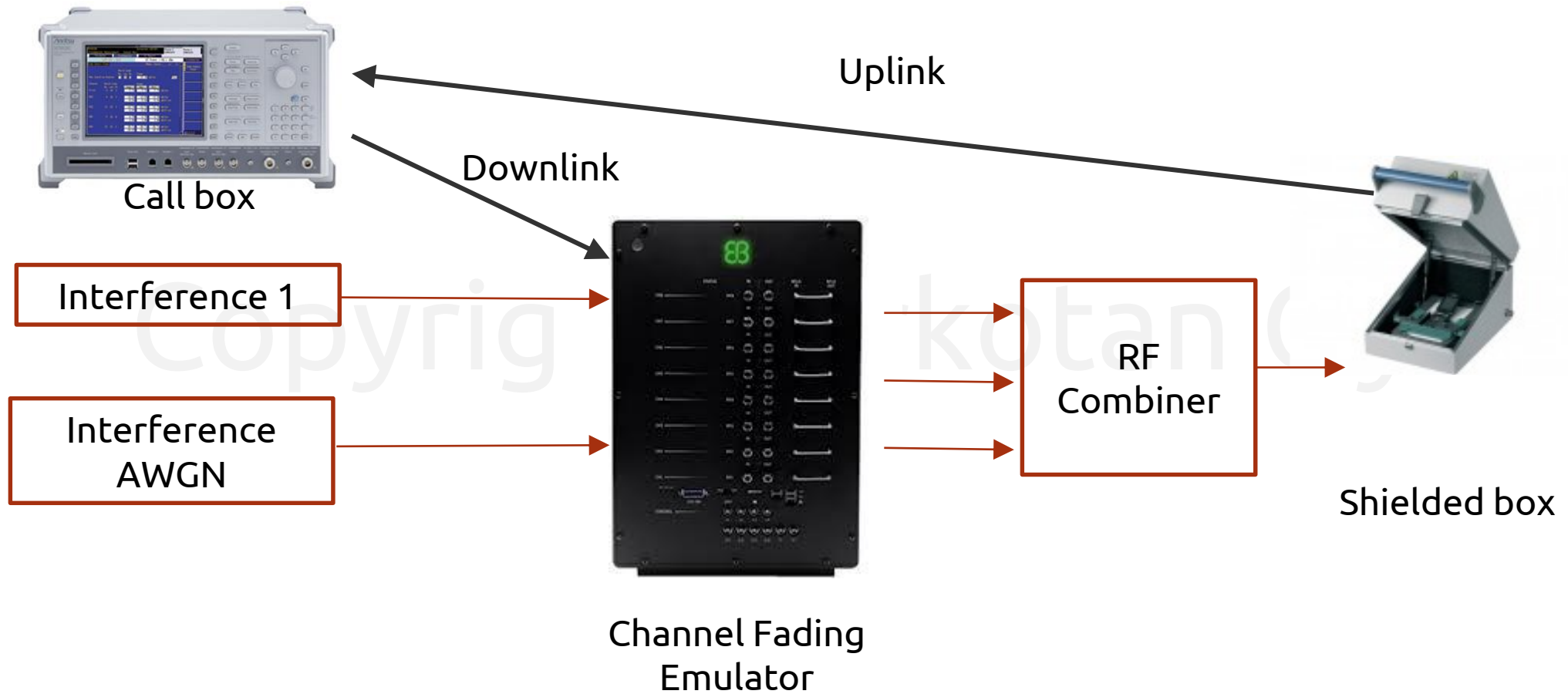


# 3G data channel interference tolerance test results

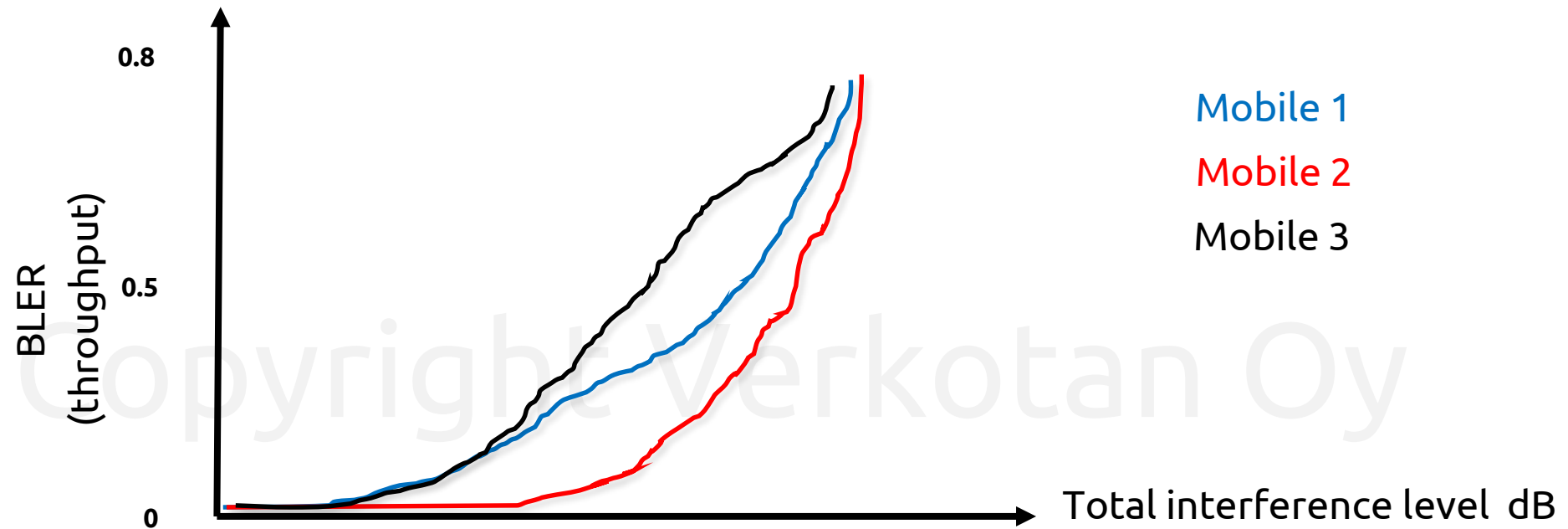




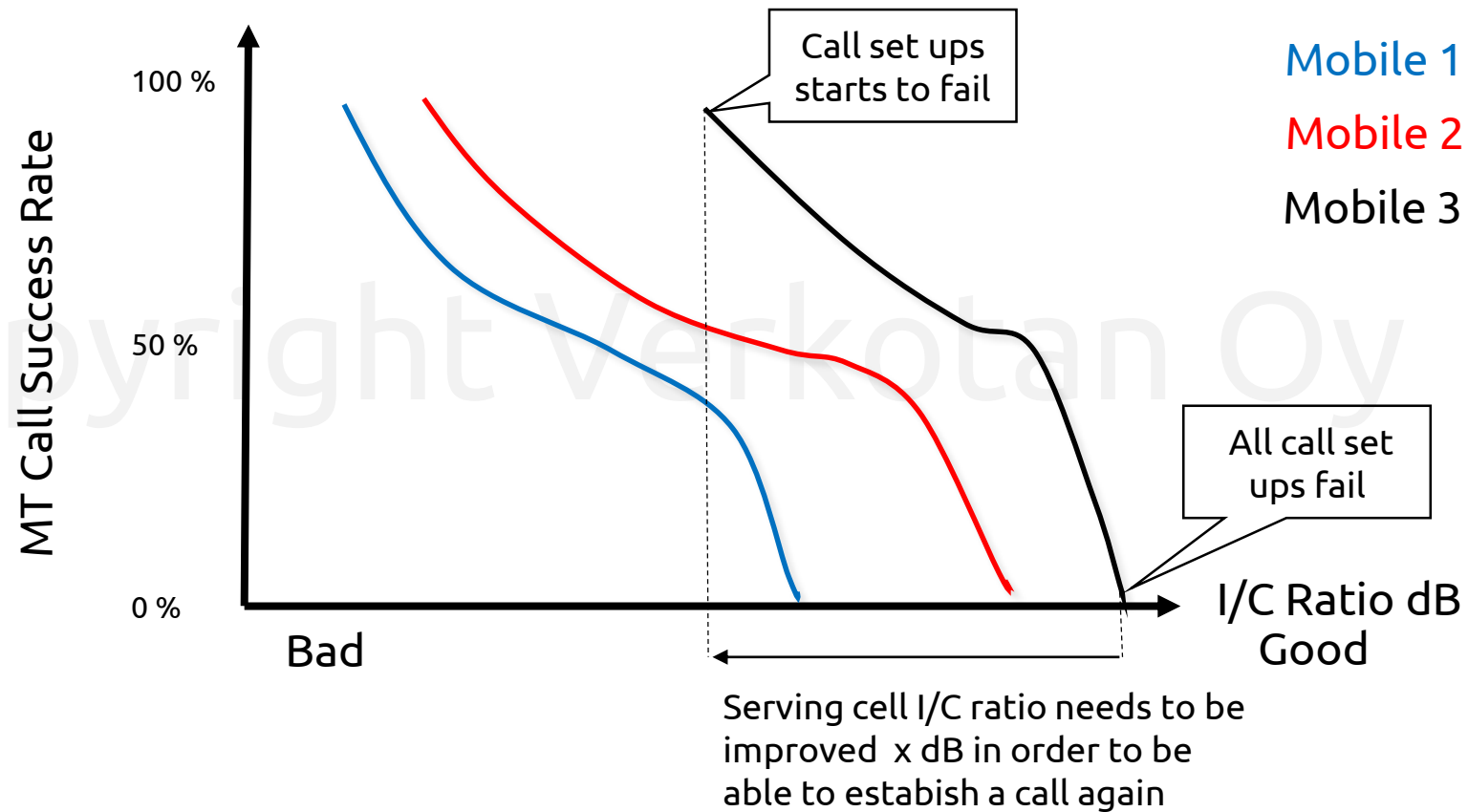
# LTE test set up



# 4G data channel interference tolerance test results



# 4G MT VoLTE call set up test results



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# Thank You!

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