

ECC PT1(05)051 ANNEX 20



ECC PT1

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Your ref.:

Sharing and compatibility studies for UMTS in 900 MHz band

Dear François,

ECC PT1 would like to thank 3GPP for its response to ECC PT1's request on UMTS900 work.

ECC PT1 has started the work through a report on sharing studies between UMTS operating in 900 MHz and 1800 MHz bands and systems operating in adjacent bands in order for ECC PT1 to prepare 900/1800 MHz UMTS channel arrangements. ECC PT1 is planning to finalize the report by early 2006.

After some preliminary analysis of deployment scenarios and sharing studies (cell range of 577m and 2400m) through 3GPP work items UMTS1800 and UMTS850, ECC PT1 considers that those deployment and sharing study scenarios of 3GPP may be valid and realistic for urban and sub-urban environments. Considering that the existing GSM900 cell range in rural area is more than 2400m, ECC PT1 believes that an additional scenario for rural areas with larger cell range (more than 5 km) is a realistic and important deployment scenario for UMTS900. The sharing between UMTS and UMTS operating in 900 MHz represents a possible deployment scenario.

ECC PT1 would like to invite 3GPP to consider the sharing in the 900 MHz band between GSM/UMTS and UMTS/UMTS for rural area with larger cell ranges, among its priorities in work on UMTS900. ECC PT1 would expect the finalization of this UMTS 900 WI in 3GPP by September 2005. Moreover ECC PT1 proposes to exchange timely updates of the progress.

Best regards,
Peter Scheele
Chairman ECC PT1

Cc: Mr Howard Benn
Chairman 3GPP TSG RAN WG4