

Chairman's Report

3GPP TSG GERAN WG1 #43

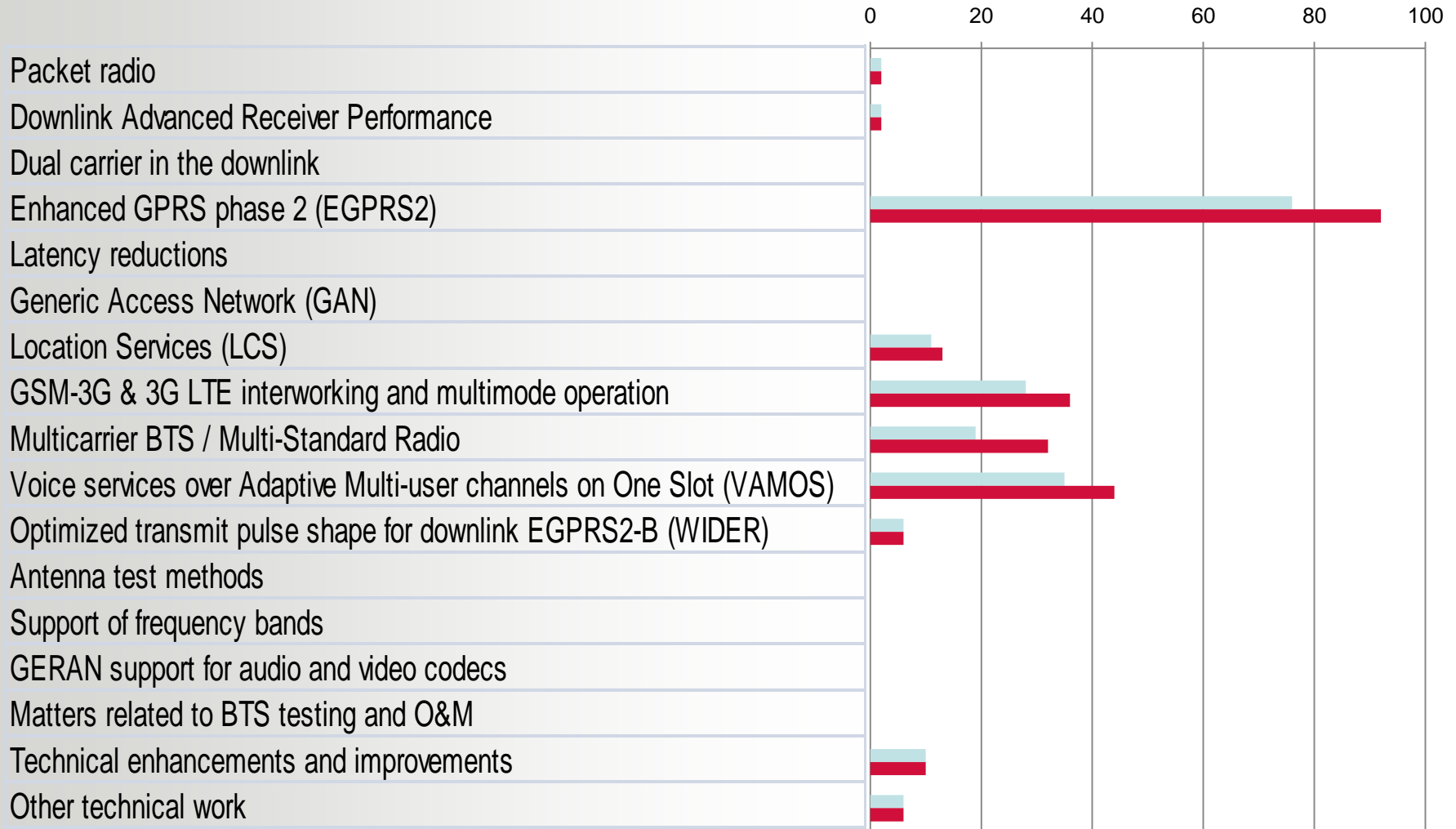
Vancouver, Canada, 1-3.09.2009

Werner Kreuzer, 04.09.2009

GP-091769



Document Allocation



Packet Radio

- CR to 43.129 on Handling of START_PS at handover from UTRAN to GERAN
 - Not discussed (postponed in WG2).
 - postponed

Downlink Advanced Receiver Performance

- Single Antenna Interference Cancellation
 - EGPRS, EGPRS2
 - O-TCH speech channels
- Significant gains for
 - Sensitivity
 - Co-channel interference performance
 - Adjacent channel interference performance

EGPRS2

- Minor corrections to the channel coding
- EGPRS2-B
 - Spectrum due to modulation and wide band noise for the narrow pulse: same as for 8-PSK.
- 400 kHz adjacent channel reference performance
 - EGPRS2-A: agreed
 - EGPRS2-B: postponed

EGPRS2 (cont'd)

- EGPRS2-A: Relaxation of reference performance, DL, co-channel and adjacent channel.
- Removal of brackets for EGPRS2-A, UL – postponed.
- EGPRS2-B UL: sensitivity reference performance, also with PAN – agreed.

EGPRS2 (cont'd)

- EGPRS2-B UL: Reference performance for sensitivity, co-channel and adjacent channel – agreed.
- EGPRS2-B DL: Reference performance for sensitivity and co-channel interference – agreed.

EGPRS2 (cont'd)

- Removal of brackets
 - RMS EVM
 - Modulation accuracy
 - BCCH backoff
 - NER
- Introduction of EVM requirements for repeater for EGPRS2 agreed.

EGPRS2 (cont'd)

- Blocking, IM characteristics and AM suppression receiver requirements for QPSK, 16QAM and 32QAM for UL and DL were removed.
- Algorithm for link quality reporting was finalized (brackets were removed).
- Single antenna requirements for EGPRS2-B UL – postponed.

Location Services

- Additional GANSS minimum performance requirements:
 - Status paper with proposed way forward
 - CR to TS 45.005 agreed
- CR on HILT Stage 2 – postponed.

GSM-3G & 3G LTE interworking and multimode operation

- MS inter-RAT capabilities transfer during inter-RAT PS handover – postponed.
- Various changes to TS 45.008
 - 3_SEARCH_PRIO description update
 - Modifications to Qsearch_C_E-UTRAN_Initial and Qsearch_P_E-UTRAN coding
 - Correction of parameter range for THRESH_GSM_low and clarification of THRESH_priv_search usage.

GSM-3G & 3G LTE interworking and multimode operation (cont'd)

- Correction of measurement control
- Measurements on higher priority inter-RAT frequency
- Priority based reselection to UTRAN aligned with RAN2 decision.
- Measurement report considering CSG cells – postponed.

GSM-3G & 3G LTE interworking and multimode operation (cont'd)

- Inbound mobility from GERAN to HNB, HeNB:
- Working assumption:
 - The MS is allowed to read MIB/SIB in dedicated/packet transfer/dual transfer mode.

Multicarrier BTS/Multi-Standard Radio

- Multicarrier repeater:
 - use case was questioned
 - CRs rejected. WID?
- Corrections to TS 45.005 and TS 51.021
- CRs related to spurious emission requirements and split frequency allocation – not agreed.

Multicarrier BTS/Multi-Standard Radio (cont'd)

- MSR:
 - TR 37.900 – answer provided to RAN4
 - CR to TS 45.005: Minimum performance requirements for MCBTS declared as MSR BS
 - Restructuring of TS 45.005 to facilitate referencing.

MUROS/VAMOS

- Updates to TR 45.914
- Discussion documents on
 - Link-to-system mapping
 - Frequency hopping
 - Soft pairing
 - Pulse and alpha modulation
 - Wider pulse shape

MUROS/VAMOS (cont'd)

- Mapping of SACCH for VAMOS
 - No consensus
- Repeated SACCH:
 - Consensus in WG1 that Repeated SACCH is mandatory for VAMOS since it is a mandatory Rel-6 feature.

VAMOS

- A set of working assumptions for the specification of performance requirements for VAMOS was agreed.
- CRs to TS 45.002 and TS 45.008 agreed.

WIDER

- Discussion documents on
 - link-to-system mapping
 - System performance evaluation method
- Updates to TR 45.913
 - Link level model
 - Link-to-system interface
 - System simulation results

- CR to 43.064: Final removal of PNCH and CPNCH channels.
- DTX support for low latency PS domain services
 - Fast feedback channel (new)
 - False detection performance for Piggyback Burst (PB)
 - CR to 43.064 – postponed

TEI (cont'd)

- Requirements for protection of services in the new frequency bands 1880 – 1920 MHz and 2300 – 2400 MHz
- Stage 2 description of EFTA – rejected
- Comments to the initial power level for the RACH
- MTTI – no concerns were raised.

Other Technical Work

- Removal of T-GSM 900 from TS 45.001 and TS 45.005 – agreed.

Future Meetings

- WG1 agreed to hold an Ad Hoc (19 – 21 Oct, Sophia Antipolis) with LS authority for MSR and decision power on the following subjects:
 - EGPRS2
 - GELTE
 - MCBTS/MSR
 - MUROS/VAMOS
 - WIDER