

**Product Name :**  
4G LTE and IMS Wireless Network Simulation

**Product Code :**  
SH325



**Description :**

4G LTE and IMS Wireless Network Simulation

**Technical Specification :**

4G LTE & IMS Wireless Network Simulation

End-to-End 4G LTE and IMS Network Simulation Test Suite with all components such as eNodeB, MME, Serving Gateway, PDN Gateway, HSS, SGSN, PCRF,

Mobile to mobile voice call: LTE Nodes - eNodeB, MME, SGW, PGW, HSS, EIR, PCRF, AS, OCS & OFCS LTE Interfaces - S1, X2, eGTP, S3, S4, S5/S8, S10, S11, S16,

Simulated UE to mobile voice call

Mobile to Simulated UE voice call IMS Nodes - CSCFs, HSS, MGCF, MGW, AS, OCS & OFCS

User-plane traffic (GTPv2-U) User-plane Gateway traffic Diameter Interfaces - Cx/Dx, Gx, Rx, Gy/Ro, Gm, Sh, SGi, S6a, S6d, S13 and S13'

Simulated UE to simulated UE voice call

Inter and Intra Handovers: Location Services - SLs, SLg, SLh

Mobile web browsing

Simulated UE web browsing: IMS Interfaces - Mw, Mi, Mj, Mg, ISC

UE context setup procedures

Web browsing sessions

Detach procedures

Authentication information procedures

SGsAP procedures

Paging for non- EPS Services

Location Update for Non-EPS Services

Non-EPS Alert  
Explicit IMSI Detach from EPS Services  
Explicit IMSI Detach from Non- EPS Services  
Implicit IMSI Detach from Non- EPS services  
Tunneling of NAS Messages  
Traffic Generation  
High Density packet (data sessions) traffic simulation using MAPSâ„¢ Packet Load Server  
Voice, Fax, Video  
SMS, MMS, Email, FTP  
Supplementary IN Services  
Internet  
Multiple PDP contexts

## Naugralabequipments

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