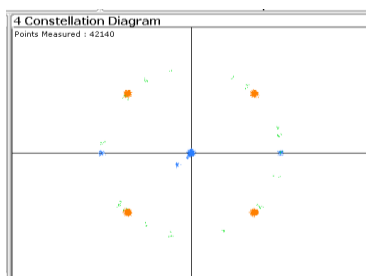
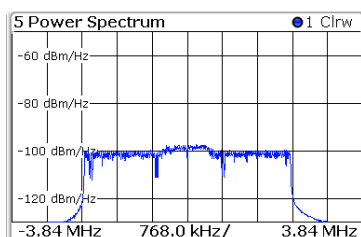


RF MOBILE 3G/4G NETWORK EMULATOR



CONTACT

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MAIN FEATURES

Our software runs on commodity x86 machines with Linux OS multi-core high performance CPU (Intel i7) with SSD
RF from 300 MHz -3.8 GHz, MIMO capability
2 TX / 2 RX Half or Full Duplex, Coherent
Output power up to 100 mW (20 dBm)
Latest 3GPP features are available

ADDITIONAL FEATURES

Up to 56 MHz single channel bandwidth
Frequency accuracy TCXO 2.0 ppm
Optionally with GPS-Disciplined Oscillator (GPSDO <1 ppb)
Available FPGA resources for DSP offload
Optionally GSM operation, GSM bands: 850, 900, 1800, 1900

LTE NETWORK

Full LTE network software suite - LTE release 14 compliant
Support of LTE, LTE-A, LTE-M, 70MB/s Downlink, 18 MB/s Uplink
Supported bandwidths: 1.4, 3, 5, 10, 15 and 20 MHz
Support of full and half duplex UEs

UMTS NETWORK

UMTS bands: 1-14, 19-21, 22, 25, 26, 32,
Supports original UMTS Release 99
Supports packet-switched services only
Maximum downlink data speed of 106 Kbytes/s, Maximum uplink data speed of 52 Kbytes/s
Mandates mutual authentication between the UE and the NodeB
Features not supported (circuit-switched services, handover, Inter-RAT mobility, paging, ciphering, USIM-based authentication)

CONNECTIVITY

1 Gig Ethernet connectivity (IPv4, IPv6 support)
Ethernet GUI for configuration