

AIRSCOUT MOBILITY

PARAMETER LISTS



PARAMETERS SUPPORTED BY AirScout Mobility

Document version 4

This document includes **three sets** of parameter lists: Parameters support by Mobility Plus with **Qualcomm chipset** including parameters supported by Mobility, Parameters supported by Mobility with **HiSilicon chipset**, and Parameters supported by TETRA.

Parameters supported by Mobility are applicable to all Android devices regardless of the chipset and may vary due to vendor implementation.

TETRA is controlled via Mobility Plus tablet tool and the parameters on TETRA's list are defined by TETRA's capabilities.

PARAMETERS SUPPORTED BY Mobility and Mobility Plus

COMMON	TECHNOLOGIES	MOBILITY PLUS	MOBILITY
Device Model	GSM, UMTS, CDMA, AMPS, EVDO, GPS, Wi-Fi, LTE, Bluetooth, TDMA, TETRA, P25, 5G	x	x
Device Type	GSM, UMTS, CDMA, AMPS, EVDO, GPS, Wi-Fi, LTE, Bluetooth, TDMA, TETRA, P25, 5G	x	x
CPU Usage	GSM, UMTS, CDMA, AMPS, EVDO, GPS, Wi-Fi, LTE, Bluetooth, TDMA, TETRA, P25, 5G	x	x
Device ID	GSM, UMTS, CDMA, AMPS, EVDO, GPS, Wi-Fi, LTE, Bluetooth, TDMA, TETRA, P25, 5G	x	x
Battery Level	GSM, UMTS, CDMA, AMPS, EVDO, GPS, Wi-Fi, LTE, Bluetooth, TDMA, TETRA, P25, 5G	x	x
Time	GSM, UMTS, CDMA, AMPS, EVDO, GPS, Wi-Fi, LTE, Bluetooth, TDMA, TETRA, P25, 5G	x	x
Speed	GSM, UMTS, CDMA, AMPS, EVDO, GPS, Wi-Fi, LTE, Bluetooth, TDMA, TETRA, P25, 5G	x	x
Altitude	GSM, UMTS, CDMA, AMPS, EVDO, GPS, Wi-Fi, LTE, Bluetooth, TDMA, TETRA, P25, 5G	x	x
Heading	GSM, UMTS, CDMA, AMPS, EVDO, GPS, Wi-Fi, LTE, Bluetooth, TDMA, TETRA, P25, 5G	x	x
Longitude	GSM, UMTS, CDMA, AMPS, EVDO, GPS, Wi-Fi, LTE, Bluetooth, TDMA, TETRA, P25, 5G	x	x
Latitude	GSM, UMTS, CDMA, AMPS, EVDO, GPS, Wi-Fi, LTE, Bluetooth, TDMA, TETRA, P25, 5G	x	x
Accuracy	GSM, UMTS, CDMA, AMPS, EVDO, GPS, Wi-Fi, LTE, Bluetooth, TDMA, TETRA, P25, 5G	x	
Location	GSM, UMTS, CDMA, AMPS, EVDO, GPS, Wi-Fi, LTE, Bluetooth, TDMA, TETRA, P25, 5G	x	x
Accuracy	GSM, UMTS, CDMA, AMPS, EVDO, GPS, Wi-Fi, LTE, Bluetooth, TDMA, TETRA, P25, 5G	x	x
IP Address	GSM, UMTS, CDMA, AMPS, EVDO, LTE, TDMA, 5G	x	x
Band ID	GSM, UMTS, CDMA, AMPS, EVDO, LTE, TDMA, 5G	x	
iPerf Bandwidth	GSM, UMTS, CDMA, AMPS, EVDO, GPS, Wi-Fi, LTE, Bluetooth, TDMA, TETRA, P25, 5G	x	x
Phone Number	GSM, UMTS, CDMA, AMPS, EVDO, LTE, TDMA, 5G	x	
Voice Call Type	GSM, UMTS, CDMA, AMPS, EVDO, LTE, TDMA, 5G	x	x
IMEI	GSM, UMTS, CDMA, AMPS, EVDO, LTE, TDMA, 5G	x	x
IMSI	GSM, UMTS, CDMA, AMPS, EVDO, LTE, TDMA, 5G	x	x
Downlink Throughput	GSM, UMTS, CDMA, AMPS, EVDO, LTE, TDMA, 5G	x	x
Uplink Throughput	GSM, UMTS, CDMA, AMPS, EVDO, LTE, TDMA, 5G	x	x
Roaming Status	GSM, UMTS, CDMA, AMPS, EVDO, LTE, TDMA, 5G	x	
Call End Status	GSM, UMTS, CDMA, AMPS, EVDO, LTE, TDMA, 5G	x	
Ping	GSM, UMTS, CDMA, AMPS, EVDO, GPS, Wi-Fi, LTE, Bluetooth, TDMA, TETRA, P25, 5G	x	x
Data End Status	GSM, UMTS, CDMA, AMPS, EVDO, LTE, TDMA, 5G	x	
System	GSM, UMTS, CDMA, AMPS, EVDO, LTE, TDMA, 5G	x	x

COMMON	TECHNOLOGIES	MOBILITY PLUS	MOBILITY
Data State	GSM, UMTS, CDMA, AMPS, EVDO, LTE, TDMA, 5G	x	x
Voice Call State	GSM, UMTS, CDMA, AMPS, EVDO, LTE, TDMA, 5G	x	x

GSM	TECHNOLOGIES	MOBILITY PLUS	MOBILITY
TX Maximum Power CCH	GSM	x	
Cell Reselect Hysteresis	GSM	x	
Cell Bar Qualify	GSM	x	
RX Level Access Minimum	GSM	x	
C1	GSM	x	
Cell ID	GSM	x	
T3212 Timeout	GSM	x	
C2	GSM	x	
DTX	GSM	x	
Timing Advance	GSM	x	
BS Color	GSM	x	
PLMN Color	GSM	x	
Band	GSM	x	
Channel	GSM	x	
TX Level	GSM	x	
RX Level	GSM	x	x
Hopping Channels	GSM	x	
BA RSSI of Neighbors	GSM	x	
Random Number	GSM	x	
BA Band of Neighbors	GSM	x	
BA BCCH of Neighbors	GSM	x	
BA BCC of Neighbors	GSM	x	
BA NCC of Neighbors	GSM	x	
Neighbors	GSM	x	
Ciphering Key	GSM	x	

GSM	TECHNOLOGIES	MOBILITY PLUS	MOBILITY
Ciphering Algorithm	GSM	x	
LAC	GSM	x	x
TMSI	GSM	x	
IMSI	GSM	x	
SNR	GSM	x	
RSSI	GSM	x	x
MNC	GSM	x	x
MCC	GSM	x	x
Temporary Offset	GSM	x	
Cell Reselect Offset	GSM	x	
Cell Bar Access	GSM	x	
Penalty Time	GSM	x	
Timeslots UL	GSM	x	
Timeslots DL	GSM	x	
Mean BEP (GMSK)	GSM	x	
Mean BEP (8-PSK)	GSM	x	
Coding Scheme DL	GSM	x	
Coding Scheme UL	GSM	x	
Modulation DL	GSM	x	
Modulation UL	GSM	x	
RX Level Full	GSM	x	
RX Quality Sub	GSM	x	
Ciphering	GSM	x	
RX Level Sub	GSM	x	
MAIO	GSM	x	
HSN	GSM	x	
RX Quality Full	GSM	x	
Timeslot	GSM	x	
Frame Error Rate	GSM	x	x

GSM	TECHNOLOGIES	MOBILITY PLUS	MOBILITY
Hopping	GSM	x	
Channel Type	GSM	x	
MAC State	GSM	x	
Detected IMSI	GSM	x	
Detected TMSI	GSM	x	
RR State	GSM	x	
Paging Mode	GSM	x	
IMEI	GSM	x	
Layer3 Signaling	GSM, UMTS, CDMA, AMPS, EVDO, LTE, TDMA, 5G	x	
Normalized C/I	GSM	x	
AMR Mode UL	GSM	x	
BA BSIC of Neighbors	GSM	x	
Vocoder Mode	GSM	x	
RLC Throughput UL	GSM	x	
AMR Mode DL	GSM	x	
Allocation Type	GSM	x	
EDGE Support	GSM	x	
RLC Throughput DL	GSM	x	
RLC Mode	GSM	x	
DL TBF State	GSM	x	
DL TFI	GSM	x	
UL TBF State	GSM	x	
UL TFI (GSM)	GSM	x	
Radio Link Timeout	GSM	x	
BSIC	GSM	x	
Control ACK Type	GSM	x	
Access Burst Type	GSM	x	

CDMA/EVDO	TECHNOLOGIES	MOBILITY PLUS	MOBILITY
RAW IMSI_S2	CDMA	x	
Mobile Directory Number	CDMA	x	
PN Status of Scanned Channels	EVDO	x	
1x Packet State	CDMA	x	
PN Count of Scanned Channels	EVDO	x	
RAW IMSI_S1	CDMA	x	
MIN	CDMA	x	
Detection Rate of Scanned Channels	EVDO	x	
R-SCH Radio Configuration	CDMA	x	
Channel Status of Scanned Channels	EVDO	x	
F-SCH Maximum Rate	CDMA	x	
R-SCH Maximum Rate	CDMA	x	
Channel Count of Scanned Channels	EVDO	x	
R-SCH Coding	CDMA	x	
Sector ID[0]	EVDO	x	
Sector ID24	EVDO	x	
DRC (EVDO)	EVDO	x	
Sector ID[1]	EVDO	x	
EVDO Session	EVDO	x	
EVDO Connection	EVDO	x	
EVDO Application	EVDO	x	
EVDO Stream	EVDO	x	
EVDO Physical	EVDO	x	
Signal To Noise Ratio	EVDO	x	
EVDO Security	EVDO	x	
EVDO MAC	EVDO	x	
Base Station Longitude	EVDO	x	

CDMA/EVDO	TECHNOLOGIES	MOBILITY PLUS	MOBILITY
Color Code	EVDO	x	
EcIo	EVDO	x	
Base Station Latitude	EVDO	x	
Neighbor Pilot EcIo of Neighbor Set	EVDO	x	
Neighbor Pilot PN of Neighbor Set	EVDO	x	
Subnet Mask	EVDO	x	
UATI	EVDO	x	
Candidate Pilot PN of Candidate Set	EVDO	x	
Candidate Set	EVDO	x	
Neighbor Set	EVDO	x	
Candidate Pilot EcIo of Candidate Set	EVDO	x	
Active Set	EVDO	x	
Channel	EVDO	x	
Active Pilot EcIo of Active Set	EVDO	x	
Active Pilot PN of Active Set	EVDO	x	
RX Level Antenna1	EVDO	x	
RX Level Antenna0	EVDO	x	
Total Zones	CDMA	x	
IMSI Mode	CDMA	x	
Page Channels	CDMA	x	
Base Class	CDMA	x	
Neighbor PN of Neighbor Set	CDMA	x	
Neighbor Set	CDMA	x	
Zone Timer	CDMA	x	
Neighbor EcIo of Neighbor Set	CDMA	x	
Candidate Set	CDMA	x	
Active EcIo of Active Set	CDMA	x	

CDMA/EVDO	TECHNOLOGIES	MOBILITY PLUS	MOBILITY
Candidate Ecdo of Candidate Set	CDMA	x	
Candidate PN of Candidate Set	CDMA	x	
TMSI Code	CDMA	x	
TMSI Zone	CDMA	x	
Active PN of Active Set (CDMA)	CDMA	x	
Active Set	CDMA	x	
Electronic Serial Number	CDMA	x	
IMSI	CDMA	x	
Channel List	CDMA	x	
Mobile Equipment Identifier	CDMA	x	
Base Station ID	CDMA	x	
Base Station Latitude	CDMA	x	
Mobile Country Code	CDMA	x	
Registration Zone	CDMA	x	
System ID	CDMA	x	x
Channel	CDMA	x	
Base Station Longitude	CDMA	x	
Network ID	CDMA	x	x
RX Level1	CDMA	x	
RX Level0	CDMA	x	x
Band	CDMA	x	
TX Level	CDMA	x	
TX Limit	CDMA	x	
TX Adjust	CDMA	x	
Active Rscp of Active Set	CDMA	x	
Daylight Savings	CDMA	x	
Local Time Offset	CDMA	x	

CDMA/EVDO	TECHNOLOGIES	MOBILITY PLUS	MOBILITY
Eclo	CDMA	x	x
Sync - Frequency Assignment	CDMA	x	
Long Code State	CDMA	x	
Sync - PN	CDMA	x	
Leap Seconds	CDMA	x	
System Time	CDMA	x	
Soft Slope	CDMA	x	
Protocol Revision	CDMA	x	
Drop Intercept	CDMA	x	
Add Intercept	CDMA	x	
Private Neighbor List	CDMA	x	
Extended Neighbor List	CDMA	x	
Preferred MSID Type	CDMA	x	
User Zone ID	CDMA	x	
Pilot Drop Threshold	CDMA	x	
Pilot Detection Threshold	CDMA	x	
Drop Timer	CDMA	x	
Comparison Threshold	CDMA	x	
Parameter Registration	CDMA	x	
Power Down Registration	CDMA	x	
Distance Registration	CDMA	x	
Registration Period	CDMA	x	
For SID Registration	CDMA	x	
Home Registration	CDMA	x	
Power Up Registration	CDMA	x	
For NID Registration	CDMA	x	
RLP Throughput UL	CDMA	x	

CDMA/EVDO	TECHNOLOGIES	MOBILITY PLUS	MOBILITY
RLP Throughput DL	CDMA	x	
F-SCH Coding	CDMA	x	
F-SCH Radio Configuration	CDMA	x	
Sequence Backoff	CDMA	x	
PN Randomization Delay	CDMA	x	
Interference Correction	CDMA	x	
Probe Backoff	CDMA	x	
Access TX Adjust	CDMA	x	
Access RX Level	CDMA	x	
Access Channel	CDMA	x	
Persistence Tests	CDMA	x	
Service Option	CDMA	x	
ASET - NSET	CDMA	x	
Probe Number	CDMA	x	
Sequence Number	CDMA	x	
Security Type Count of Scanned Channels	Wi-Fi	x	
FPC Commands	CDMA	x	
Security Types of Scanned Channels	Wi-Fi	x	
Channel	GSM, UMTS, CDMA, EVDO, LTE	x	
FPC Mode	CDMA	x	
Active Set Size	CDMA	x	
Cryptset of Access Points	Wi-Fi	x	
Security Type Index of Scanned Channels	Wi-Fi	x	
RSSI	GSM, UMTS, CDMA, EVDO, LTE	x	
RPC Commands	CDMA	x	
Channel of Access Points	Wi-Fi	x	
Band	GSM, UMTS, CDMA, EVDO, LTE, 5G	x	

CDMA/EVDO	TECHNOLOGIES	MOBILITY PLUS	MOBILITY
Remaining Rscp of Remaining Set	CDMA	x	
Node Type	Wi-Fi	x	
Remaining Ec/Io of Remaining Set	CDMA	x	
MAC Address of Access Points	Wi-Fi	x	
Radio Configuration	CDMA	x	
SSID of Access Points	Wi-Fi	x	
Codec Rate	CDMA	x	
Access Points	Wi-Fi	x	
PN Phase of Additional Pilots	CDMA	x	
BSSID of Access Points	Wi-Fi	x	
PN of Additional Pilots	CDMA	x	
Signal Level of Access Points	Wi-Fi	x	
Remaining PN of Remaining Set	CDMA	x	
Remaining Set	CDMA	x	
Candidate Rscp of Candidate Set	CDMA	x	
Neighbor Rscp of Neighbor Set	CDMA	x	
Additional Pilots	CDMA	x	
FER	CDMA	x	
Layer3 Signaling	GSM, UMTS, CDMA, AMPS, EVDO, LTE, TDMA, 5G	x	
Mobile Country Code	EVDO	x	
Channel List	EVDO	x	
Active PN	EVDO	x	
Number of Carriers	EVDO	x	
Payload Bits	EVDO	x	
Modulation	EVDO	x	
ARQ Ack/Nack	EVDO	x	
DSC	EVDO	x	

CDMA/EVDO	TECHNOLOGIES	MOBILITY PLUS	MOBILITY
Packet Error Rate	EVDO	x	
SINR	EVDO	x	
Data Size of Probe Frames	EVDO	x	
Headroom of Probe Frames	EVDO	x	
DRC Cover	EVDO	x	
Rate of Probe Frames	EVDO	x	
Probe Frames	EVDO	x	
Probe Delayed	EVDO	x	
Total Power of Probe Frames	EVDO	x	
Pilot Power of Probe Frames	EVDO	x	
Probe Number	EVDO	x	
Probe Sequence Number	EVDO	x	
Probe Frame Count	EVDO	x	
Preamble Power	EVDO	x	

UMTS	TECHNOLOGIES	MOBILITY PLUS	MOBILITY
Ura ID	UMTS	x	
RAI	UMTS	x	
Active Scrambling Code of Active Set	UMTS	x	
Active Set	UMTS	x	x
Barred	UMTS	x	
LAI	UMTS	x	
Band	UMTS	x	
MNC	UMTS	x	x
MCC	UMTS	x	x
Channel	UMTS	x	
Cell ID	UMTS	x	x
RX Level Ant1	UMTS	x	
RX Level Ant0	UMTS	x	x
Maximum TX Level	UMTS	x	
TX Level	UMTS	x	
Secondary E-RNTI	UMTS	x	
Primary E-RNTI	UMTS	x	
CQI Valid Samples	UMTS	x	
CQI Samples	UMTS	x	
Dual Carrier Enabled	UMTS	x	
Serving Scrambling Code	UMTS	x	x
DL Transport Channels	UMTS	x	
UL Transport Channels	UMTS	x	
Serving RGCH	UMTS	x	
Serving Grant	UMTS	x	
Non-serving RGCH	UMTS	x	
Happy Rate	UMTS	x	

UMTS	TECHNOLOGIES	MOBILITY PLUS	MOBILITY
TTI	UMTS	x	
E-TFCI	UMTS	x	
Transmissions	UMTS	x	
Modulation	UMTS	x	
CQI	UMTS	x	
Carrier Count	UMTS	x	
TBS	UMTS	x	
GMM Substate	UMTS	x	
GMM State	UMTS	x	
HARQ Status	UMTS	x	
Monitored RSCP of Monitored Set	UMTS	x	x
Active RSCP of Active Set	UMTS	x	x
RRC State	UMTS	x	
BLER	UMTS	x	
Monitored Set	UMTS	x	
Active EcNo of Active Set	UMTS	x	x
Monitored EcNo of Monitored Set	UMTS	x	
Monitored Scrambling Code of Monitored Set	UMTS	x	x
Active Channel of Active Set	UMTS	x	
Monitored Intra of Monitored Set	UMTS	x	
Detected Channel of Detected Set	UMTS	x	
Monitored Channel of Monitored Set	UMTS	x	
Detected EcNo of Detected Set	UMTS	x	
Detected PSC of Detected Set	UMTS	x	
LAC	UMTS	x	
Detected RSCP of Detected Set	UMTS	x	
Offset ECIO of Offset List	UMTS	x	

UMTS	TECHNOLOGIES	MOBILITY PLUS	MOBILITY
Offset PSC of Offset List	UMTS	x	
Detected Set	UMTS	x	
Offset RSCP of Offset List	UMTS	x	
RACH TTI	UMTS	x	
P-TMSI	UMTS	x	
Offset Channel of Offset List	UMTS	x	
Offset List	UMTS	x	
RA TX Power	UMTS	x	
RA AICH Timing	UMTS	x	
TMSI	UMTS	x	
Vocoder Mode	UMTS	x	
RA Signature	UMTS	x	
RA AICH Status	UMTS	x	
RA SFN	UMTS	x	
RA Subchannel	UMTS	x	
MIMO	UMTS	x	
CQI Type	UMTS	x	
RA Preambles	UMTSS	x	
RA Message Length	UMTS	x	
RLC Throughput UL	UMTS	x	
RLC Throughput DL	UMTS	x	
Detected Intra of Detected Set	UMTS	x	
Active Intra of Active Set	UMTS	x	
HS-DSCH Codes	UMTS	x	
RRC Signaling	UMTS, LTE	x	
Layer3 Signaling	GSM, UMTS, CDMA, AMPS, EVDO, LTE, TDMA, 5G	x	

LTE	TECHNOLOGIES	MOBILITY PLUS	MOBILITY
RSRP	LTE	x	x
Cell ID	LTE	x	x
RSSI	LTE	x	x
Channel Style of Power Analysis Measurements	LTE	x	
RSRQ	LTE	x	x
MNC	LTE	x	x
MCC	LTE	x	x
E-ARFCN Uplink	LTE	x	
E-ARFCN Downlink	LTE	x	x
Bandwidth Uplink	LTE	x	
Bandwidth Downlink	LTE	x	
TAC	LTE	x	x
Physical Cell ID	LTE	x	x
Mobile Network Code	LTE	x	x
Mobile Country Code	LTE	x	x
RBs Slot 0	LTE	x	
Spatial Rank	LTE	x	
RBs Slot 1	LTE	x	
PDSCH RNTI ID	LTE	x	
RX Antennas	LTE	x	
Transmission Mode	LTE	x	
PDSCH RNTI Type	LTE	x	
SINR (0)	LTE	x	
RSRQ (1)	LTE	x	
Detected PCIs List	LTE	x	
SINR (1)	LTE	x	
RSRP (0)	LTE	x	

LTE	TECHNOLOGIES	MOBILITY PLUS	MOBILITY
RSSI (1)	LTE	x	
RSRQ (0)	LTE	x	
RSRP (1)	LTE	x	
MCS	LTE	x	
TBS	LTE	x	
RSSI (0)	LTE	x	
Allowed Access	LTE	x	
SIntraSearch	LTE	x	
SRXLevel	LTE	x	
RBs	LTE	x	
SNonIntraSearch	LTE	x	
TX Antennas	LTE	x	
EMM Substate	LTE	x	
PMax	LTE	x	
QRXLevelMin	LTE	x	
Neighbor Physical Cell ID of Neighbor Cells	LTE	x	
Neighbor RSSI of Neighbor Cells	LTE	x	
Neighbor RSRQ of Neighbor Cells	LTE	x	
Neighbor RSRP of Neighbor Cells	LTE	x	
EMM State	LTE	x	
Band	LTE	x	x
PUSCH TX Power	LTE	x	
RA Resp. SFN	LTE	x	
MCS Stream 0	LTE	x	
PUCCH TX Power	LTE	x	
RA Req. SN	LTE	x	
Timing Advance	LTE	x	

LTE	TECHNOLOGIES	MOBILITY PLUS	MOBILITY
RA Resp. SN	LTE	x	
RA Req. SFN	LTE	x	
RA RBs	LTE	x	
Hopping Flag	LTE	x	
SINR	LTE	x	x
RA MCS	LTE	x	
TPC	LTE	x	
UL Delay	LTE	x	
RA CQI	LTE	x	
Procedure Mode	LTE	x	
ChannelsCount of Scanned Channels	LTE	x	
Procedure Type	LTE	x	
RNTI	LTE	x	
RNTI Type	LTE	x	
Cyclic Shift	LTE	x	
Preamble Format	LTE	x	
RA Timing Advance	LTE	x	
PRACH TX Power	LTE	x	
Multi SINR of Scanned eMBMS Channels	LTE	x	
PB	LTE	x	
Modulation Stream 1	LTE	x	
Preamble Sequence	LTE	x	
RACH RNTI	LTE	x	
TBS Stream 0	LTE	x	
PMI Index	LTE	x	
TBS Stream 1	LTE	x	
Modulation Stream 0	LTE	x	

LTE	TECHNOLOGIES	MOBILITY PLUS	MOBILITY
PDCP Downlink Block Rate of PDCP Downlink Radio Bearers	LTE	x	
PDCP Downlink Throughput of PDCP Downlink Radio Bearers	LTE	x	
PDCP Uplink Radio Bearer Index of PDCP Uplink Radio Bearers	LTE	x	
PDCP Uplink Radio Bearers	LTE	x	
Wideband CQI CW1	LTE	x	
Wideband CQI CW0	LTE	x	
PDCP Downlink Radio Bearer Index of PDCP Downlink Radio Bearers	LTE	x	
PDCP Downlink Radio Bearers	LTE	x	
Type of Serving Cells	LTE	x	
SINR (1) of Serving Cells	LTE	x	
TDD Special Subframe Patterns	LTE	x	
TDD Subframe Assignment	LTE	x	
RSRQ (1) of Serving Cells	LTE	x	
RSRQ (0) of Serving Cells	LTE	x	
SINR (0) of Serving Cells	LTE	x	
SINR of Serving Cells	LTE	x	
RSRP (0) of Serving Cells	LTE	x	
RSRP of Serving Cells	LTE	x	
RSRQ of Serving Cells	LTE	x	
RSRP (1) of Serving Cells	LTE	x	
RSSI of Serving Cells	LTE	x	
PCI of Serving Cells	LTE	x	
RSSI (1) of Serving Cells	LTE	x	
RSSI (0) of Serving Cells	LTE	x	
E-ARFCN of Neighbor Cells	LTE	x	
E-UTRAN Cell ID	LTE	x	
E-ARFCN of Serving Cells	LTE	x	

LTE	TECHNOLOGIES	MOBILITY PLUS	MOBILITY
Serving Cells	LTE	x	
Rank 2 %	LTE	x	
MCS Stream 1	LTE	x	
eNodeB ID	LTE	x	x
Modulation	LTE	x	
PDSCH Throughput	LTE	x	
PDSCH Bitrate CWO of PDSCH Throughputs	LTE	x	
PDSCH Bitrate CW1 of PDSCH Throughputs	LTE	x	x
PDSCH Throughput CW1	LTE	x	
PDSCH Throughput CWO	LTE	x	
PDSCH Throughputs	LTE	x	
Consecutive CP Fixes	LTE	x	
Carrier Type of PDSCH Throughputs	LTE	x	
PDSCH Physical Cell Id of PDSCH Throughputs	LTE	x	
PDCP Uplink Block Rate of PDCP Uplink Radio Bearers	LTE	x	
PDCP Uplink Throughput of PDCP Uplink Radio Bearers	LTE	x	
PDCP Layer Uplink Throughput	LTE	x	
PDCP Layer Downlink Throughput	LTE	x	
Maximum TX Power	LTE	x	
ESM Signaling	LTE	x	
EMM Signaling	LTE	x	
SIP Signaling	LTE	x	
RRC Signaling	UMTS, LTE	x	
Layer3 Signaling	GSM, UMTS, CDMA, AMPS, EVDO, LTE, TDMA, 5G	x	

5G	TECHNOLOGIES	MOBILITY PLUS	MOBILITY
System	5G	x	
NR-ARFCN	5G	x	x
Band	5G	x	x
MNC	5G	x	x
MCC	5G	x	x
Physical Cell ID	5G	x	x
SS-RSRP	5G	x	x
SS-RSRQ	5G	x	x
SSB Beam Count	5G	x	
SS-SINR	5G	x	x
Subcarrier Spacing	5G	x	
SSB Subcarrier Offset	5G	x	
Cell Barred	5G	x	
Serving SSB Index	5G	x	
Active Beams:			
SSB-Index	5G	x	
SSB-RSRP	5G	x	
SSB-RSRQ	5G	x	
SSB-SINR	5G	x	
Neighbor Cells:			
Neighbor Physical Cell ID	5G	x	
Neighbor SSB-Index	5G	x	
Neighbor SS-RSRP	5G	x	
Neighbor SS-RSRQ	5G	x	
Neighbor SS-SINR	5G	x	
RLC Layer Downlink Throughput	5G	x	
PDSCH Block Error Rate	5G	x	

LTE	TECHNOLOGIES	MOBILITY PLUS	MOBILITY
Modulation DL (Distribution)	5G	x	
MCS DL	5G	x	
Transmission Mode	5G	x	
TX Antennas	5G	x	
Wideband CQI	5G	x	
Rank Index	5G	x	
PDSCH Throughput	5G	x	
PUSCH TX Power	5G	x	
PUCCH TX Power	5G	x	
SRS TX Power	5G	x	
Preamble TX Power	5G	x	
Path Loss Downlink	5G	x	
RLC Layer Downlink Block Rate	5G	x	
RLC Layer Downlink BLER	5G	x	
RLC Layer Downlink Retransmission Rate	5G	x	
RLC Layer Uplink Throughput	5G	x	
RLC Layer Uplink Block Rate	5G	x	
RLC Layer Uplink Retransmission Rate	5G	x	
PDCP Layer Downlink Throughput	5G	x	
PDCP Layer Downlink Block Rate	5G	x	
PDCP Layer Downlink BLER	5G	x	
PDCP Layer Uplink Throughput	5G	x	
C-RNTI	5G	x	
RBs UL	5G	x	
MCS UL	5G	x	
BWP Index UL	5G	x	
RA-RNTI	5G	x	

LTE	TECHNOLOGIES	MOBILITY PLUS	MOBILITY
Preamble Format	5G	x	
Cyclic Shift	5G	x	
Root Sequence	5G	x	
Numerology UL	5G	x	
Numerology DL	5G	x	
PRACH Config	5G	x	
Timing Advance	5G	x	
HARQ ID	5G	x	
RACH Reason	5G	x	
RACH Result	5G	x	
Contention Type	5G	x	
System Result	5G	x	
BWP Index DL	5G	x	
Modulation UL	5G	x	
PDSCH Throughputs	5G	x	
PDSCH Carrier ID	5G	x	
PDSCH Bitrate	5G	x	
PDSCH BLER	5G	x	
Bandwidth Downlink	5G	x	
Bandwidth Uplink	5G	x	
RRC Layer Signaling	5G	x	
Layer3 Signaling	5G	x	

BLUETOOTH	TECHNOLOGIES	MOBILITY PLUS	MOBILITY
Class of Bluetooth Devices	BLUETOOTH	x	
Name of Bluetooth Devices	BLUETOOTH	x	
Bluetooth Devices	BLUETOOTH	x	
Signal Level of Bluetooth Devices	BLUETOOTH	x	
Address of Bluetooth Devices	BLUETOOTH	x	

POLQA	TECHNOLOGIES	MOBILITY PLUS	MOBILITY
G.107 Rating	GSM, UMTS, CDMA, AMPS, EVDO, LTE, TDMA, 5G	x	x
POLQA MOS-LQO	GSM, UMTS, CDMA, AMPS, EVDO, LTE, TDMA, 5G	x	x
Delay Min	GSM, UMTS, CDMA, AMPS, EVDO, LTE, TDMA, 5G	x	x
Attenuation	GSM, UMTS, CDMA, AMPS, EVDO, LTE, TDMA, 5G	x	x
Measured Act. Speech Ratio	GSM, UMTS, CDMA, AMPS, EVDO, LTE, TDMA, 5G	x	x
Measured Level	GSM, UMTS, CDMA, AMPS, EVDO, LTE, TDMA, 5G	x	x
Line Noise Level	GSM, UMTS, CDMA, AMPS, EVDO, LTE, TDMA, 5G	x	x
Measured Sample Rate	GSM, UMTS, CDMA, AMPS, EVDO, LTE, TDMA, 5G	x	x
Measured Filename	GSM, UMTS, CDMA, AMPS, EVDO, LTE, TDMA, 5G	x	x
Measured SNR	GSM, UMTS, CDMA, AMPS, EVDO, LTE, TDMA, 5G	x	x
Measured Duration	GSM, UMTS, CDMA, AMPS, EVDO, LTE, TDMA, 5G	x	x
Reference SNR	GSM, UMTS, CDMA, AMPS, EVDO, LTE, TDMA, 5G	x	x
Reference Duration	GSM, UMTS, CDMA, AMPS, EVDO, LTE, TDMA, 5G	x	x
Reference Act. Speech Ratio	GSM, UMTS, CDMA, AMPS, EVDO, LTE, TDMA, 5G	x	x
Reference Level	GSM, UMTS, CDMA, AMPS, EVDO, LTE, TDMA, 5G	x	x
Delay Avg	GSM, UMTS, CDMA, AMPS, EVDO, LTE, TDMA, 5G	x	x
Delay Max MOS	GSM, UMTS, CDMA, AMPS, EVDO, LTE, TDMA, 5G	x	x
Reference Sample Rate	GSM, UMTS, CDMA, AMPS, EVDO, LTE, TDMA, 5G	x	x
Reference Filename	GSM, UMTS, CDMA, AMPS, EVDO, LTE, TDMA, 5G	x	x

PARAMETERS SUPPORTED BY Mobility with HiSilicon chipset

COMMON	TECHNOLOGIES	MOBILITY PLUS
Amr Initial Codec Mode	GSM, UMTS, CDMA, EVDO, LTE, 5G	x
Layer3 Signaling	GSM, UMTS, CDMA, EVDO, LTE, 5G	x
Rrc Signaling	GSM, UMTS, CDMA, EVDO, LTE, 5G	x

GSM	TECHNOLOGIES	MOBILITY PLUS
Max Tx Pwr	GSM	x
Cell Reselect Hysteresis	GSM	x
Cell Bar Qualify	GSM	x
RX Level Access Minimum	GSM	x
C1	GSM	x
Cell ID	GSM	x
T3212 Timeout	GSM	x
C2	GSM	x
DTX	GSM	x
BS Color	GSM	x
PLMN Color	GSM	x
Band	GSM	x
Channel	GSM	x
Sub Band Class	GSM	x
RX Level	GSM	x
Hopping Channels	GSM	x
Ciphering State	GSM	x
GSM	GSM	x
LAC	GSM	x
MNC	GSM	x
MCC	GSM	x
Temporary Offset	GSM	x

GSM	TECHNOLOGIES	MOBILITY PLUS
Cell Reselect Offset	GSM	x
Cell Bar Access	GSM	x
Penalty Time	GSM	x
RX Level Full	GSM	x
RX Quality Sub	GSM	x
RX Level Sub	GSM	x
MAIO	GSM	x
HSN	GSM	x
RX Quality Full	GSM	x
Timeslot	GSM	x
Hopping	GSM	x
Detected TMSI	GSM	x
Neighbor Channel List	GSM	x
Paging Mode	GSM	x
BSIC	GSM	x
Ba List	GSM	x

UMTS	TECHNOLOGIES	MOBILITY PLUS
Active Set	UMTS	x
Band	UMTS	x
MNC	UMTS	x
MCC	UMTS	x
Channel	UMTS	x
Sub Band Class	UMTS	x
Serving Scrambling Code	UMTS	x
Monitored Set	UMTS	x
Detected Set List	UMTS	x
Offset List	UMTS	x

LTE	TECHNOLOGIES	MOBILITY PLUS
Serving Cell List	LTE	x
Neighbor List	LTE	x
Band Indicator	LTE	x
DL Bandwidth	LTE	x
DL Resource Blocks	LTE	x
UL Bandwidth	LTE	x
Pusch RBs	LTE	x
Eutran Cell ID	LTE	x
DL Freq	LTE	x
UL Freq	LTE	x
RSRP	LTE	x
RsrpRx0	LTE	x
RsrpRx1	LTE	x
RsrpRx2	LTE	x
RsrpRx3	LTE	x
Cell ID	LTE	x
RSSI	LTE	x
RssiRx1	LTE	x
RssiRx2	LTE	x
RssiRx3	LTE	x
RSRQ	LTE	x
MNC	LTE	x
MCC	LTE	x
Tracking Area Code	LTE	x
Physical Cell ID	LTE	x
MCS	LTE	x
EMM Substate	LTE	x
EMM State	LTE	x

LTE	TECHNOLOGIES	MOBILITY PLUS
PUSCH TX Power	LTE	x
PUCCH TX Power	LTE	x
SINR	LTE	x
SinrRX0	LTE	x
SinrRX1	LTE	x
SinrRX2	LTE	x
SinrRX3	LTE	x
Modulation Stream 1	LTE	x
Modulation Stream 0	LTE	x
eNodeB ID	LTE	x
Modulation	LTE	x
PDSCH Bler CW0	LTE	x
PDSCH Bler CW1	LTE	x
PDSCH Bler	LTE	x
PDSCH Throughput	LTE	x
PDSCH Throughput CW1	LTE	x
PDSCH Throughput CW0	LTE	x
Transmission Mode	LTE	x
DL Resource Blocks	LTE	x
Number Of Tx Antennas	LTE	x
McsStream0	LTE	x
McsStream1	LTE	x
Transport Block Size	LTE	x
TBSSStream0	LTE	x
TBSSStream1	LTE	x
Rank2Percentage	LTE	x
RA Request System Frame Number	LTE	x
RA Request Subframe Number	LTE	x

LTE	TECHNOLOGIES	MOBILITY PLUS
RA Request PRACH Tx Power	LTE	x
Preamble Initial Power	LTE	x
Mtmsi	LTE	x

5G	TECHNOLOGIES	MOBILITY PLUS
Band	5G	x
Physical Cell ID	5G	x
Serving SSB Index	5G	x
Beam Count	5G	x
RSRP	5G	x
RSRQ	5G	x
SINR	5G	x
Active Beam List	5G	x
Neighbor List	5G	x
Arfcn DL	5G	x
Subcarrier Spacing	5G	x
Srs Tx Power	5G	x
Preamble Tx Power	5G	x
Modulation DL	5G	x
MCS DL	5G	x
PUSCH TX Power	5G	x
PUCCH TX Power	5G	x
MCS UL	5G	x
Modulation UL	5G	x
Path Loss DL	5G	x
PDSCH Throughput	5G	x
RLC DL Throughput	5G	x
RLC UL Throughput	5G	x
PDCP DL Throughput	5G	x

5G	TECHNOLOGIES	MOBILITY PLUS
PDCP UL Throughput	5G	x
BwpIdxUL	5G	x
DL Resource Blocks	5G	x
DL Bandwidth	5G	x

PARAMETERS SUPPORTED BY TETRA

TETRA	TECHNOLOGIES
Neighbor Channel of Neighbors	TETRA
Neighbor LAC of Neighbors	TETRA
Neighbor RSSI of Neighbors	TETRA
Channel	TETRA
LAC	TETRA
Neighbors	TETRA
RSSI	TETRA



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