Config CLI command

Cli Command	Description	Parameter range	How To Verify
config ms profile dl symbols <numOfSymbols>	Used to configure dl symbols	19 to 169	show ms phyconfig & show ms sysconfig
config ms profile ul symbols <numOfSymbols>	Used to configure ul symbols	19 to 169	show ms phyconfig & show ms sysconfig
config ms profile frame duration code	Used to configure frame duration by setting a value which corresponds to certain frame duration	7 (fixed value)	show ms phyconfig & show ms sysconfig
config ms profile channel bw <kHz>	Used to set channnel bandwidth	500 to 1000	show ms phyconfig & show ms sysconfig
config ms profile dl zone	Used to set number of DL zones	1	show ms phyconfig & show ms sysconfig
config ms radio antenna <num>	Used to configure number of radio antenna used	1 to 3	show ms phyconfig & show ms sysconfig
config ms radio agc enable	Used to set automatic gain control	1	show ms radioconfig & show ms sysconfig
config ms radio agc disable	Used to reset automatic gain control	0	show ms radioconfig & show ms sysconfig
config ms radio rxgain <gainIndB>	Used to set receiver gain level	0-78	show ms radioconfig & show ms sysconfig
config ms radio txpcmode open	Used to set transmission power control to open loop mode	4	show ms measurement report
config ms radio txpcmode closed	Used to set transmission power control to closed mode	1	show ms measurement report
config ms radio txpcmode fixed	Used to set transmission power control to disabled mode	0	show ms measurement report
config ms radio maxtxpower <pwrIndB>	Used to set maximum transmission power level	-45 to 43 db	show ms radioconfig & show ms sysconfig
config ms radio mintxpower <pwrIndB>	Used to set minimum transmission power level	-45 to 43 db	show ms radioconfig & show ms sysconfig
config ms radio filterfile <filename>	Used to set filter characteristics		show ms sysconfig
config ms radio samplingclock	Used to set samplingClock; if ChannelBW=500 & samplingClock=0,then samplingClock=560; else if ChannelBW=1000 & samplingClock=0, then samplingClock=1120	0 or 1120 khz	show ms radioconfig & show ms sysconfig
config ms scan numbands <numbands>	Used to set the number of bands to be scanned	1 to 8	show ms scanconfig & show ms sysconfig
config ms scan band <bandno> bandid <bandid>	Used to set the band number & corresponding band ID to be scanned	BandNo:1-8; BandId:0-7	show ms scanconfig & show ms sysconfig
config ms scan band <bandno> bandrowstatus <(	Used to set the band number & corresponding band status to be scanned	BandNo:1-8: Bandrowstatus:0/1	show ms scanconfig & show ms sysconfig
config ms scan band <bandno> frequency <freqin	Used to set the band number & corresponding frequency to be scanned	BandNo:1-8; Frequency:600000-800000	show ms scanconfig & show ms sysconfig
config ms scan band <bandno> preamble <pream	Used to set the band number & corresponding preamble to be scanned	BandNo:1-8; Preamble:0-113	show ms scanconfig & show ms sysconfig
config ms scan band <bandno> sectorid <sectorIc	Used to set the band number & corresponding sector ID to be scanned	BandNo:1-8; SectorId:0-3	show ms scanconfig & show ms sysconfig
config ms scan band <bandno> cellid <cellId>	Used to set the band number & corresponding cell ID to be scanned	BandNo:1-8; CellId:0-31	show ms scanconfig & show ms sysconfig
config ms scan band <bandno> dlamcbm <dlAmc	Used to set the band number & corresponding DL AMC Bitmap to be scanned	BandNo:1-8; DL AMC Bitmap:0-63	show ms scanconfig & show ms sysconfig
config ms scan band <bandno> ulamcbm <ulAmc	Used to set the band number & corresponding UL AMC Bitmap to be scanned	BandNo:1-8; UL AMC Bitmap:0-63	show ms scanconfig & show ms sysconfig

Command	Description	Range	Show command
config ms phy tx power max bpsk <db>	Used to set max transmission power for BPSK modulation scheme	-39 to +43	show ms phyconfig & show ms sysconfig
config ms phy tx power max qpsk <db>	Used to set max transmission power for QPSK modulation scheme	-39 to +43	show ms phyconfig & show ms sysconfig
config ms phy tx power max 16qam <db>	Used to set max transmission power for 16QAM modulation scheme	-39 to +43	show ms phyconfig & show ms sysconfig
config ms phy tx power max 64qam <db>	Used to set max transmission power for 64QAM modulation scheme	-39 to +43	show ms phyconfig & show ms sysconfig
config ms phy fixed timing adjust	Used to enable or disable fixed timing	0/1	show ms phyconfig & show ms sysconfig
config ms phy initial timing adjust	Used to set initial timing of the MS to the amount of internal fixed delay	0 to 65535	show ms sysconfig
config ms phy gps enable <1/0>	Used to enable or disable gps	0/1	show ms phyconfig & show ms sysconfig
config ms phy gps delay	Used to set gps delay	0 to 1024	show ms phyconfig & show ms sysconfig
config ms mac max fec dl <fec>	Used to indicate the maximum DL modulation that can be configured	**0 to 6 where**: 0->QPSK Convolutional Code1/2; 1->QPSK CC3/4; 2->QAM16 CC1/2; 3->QAM16 CC3/4; 4->QAM64 CC1/2; **(3 & 4 Same)**; 5->QAM64 CC2/3; 6->QAM64 CC3/4	show ms sysconfig
config ms mac max fec ul <fec>	Used to indicate the maximum UL modulation that can be configured	0 to 6 (Same as above)	show ms sysconfig
config ms mac arq enable <1/0>	Used to enable or disable ARQ	0/1	show ms sysconfig
config ms mac auth type <noauth=0/rsa=1/eap-ttl	Used to set authentication type	0 to 3	show ms sysconfig
config ms mac encryption enable <1/0>	Used to enable or disable Encryption	0/1	show ms sysconfig
config ms system timers lost dlmap intvl <ms>	Used to set the timer with lost DL Map interval in ms. Waits for such time before MS moves to next band.	200 to 655000	show ms sysconfig
config ms system timers lost ulmap intvl <ms>	Used to set the timer with lost UL Map interval in ms. Waits for such time before MS moves to next band.	200 to 655000	show ms sysconfig
config ms system timers dcd timeout <ms>	Used to set the timer with DCD timeout value	500 to 50000	show ms sysconfig
config ms system timers ucd timeout <ms>	Used to set the timer with UCD timeout value	500 to 50000	show ms sysconfig
config ms system timers broadcast ranging timeo	Used to set T2 timeout	30 to 6000	show ms sysconfig
config ms system timers t3 timeout <ms>	Used to set T3 RNG-RSP timeout	30 to 200	show ms sysconfig
config ms system timers periodic ranging timer <s	Used to set T4 Periodic ranging timer	500 to 60000	show ms sysconfig
config ms system timers t6 timeout	Used to set T6 REG-RSP timeout	30 to 6000	show ms sysconfig
config ms system timers t7 timeout	Used to set T7 DSX-RSP timeout	30 to 2000	show ms sysconfig
config ms system timers t8 timeout	Used to set T8 DSX-ACK timeout	30 to 1000	show ms sysconfig
config ms system timers t10 timeout	Used to set T10 DSX transaction timeout	30 to 6000	show ms sysconfig
config ms system timers t14 timeout	Used to set T14 DSX RVD timeout	30 to 2000	show ms sysconfig

config ms system timers t18 timeout	Used to set T18 SBC-RSP timeout	30 to 2000	show ms sysconfig
config ms system timers t42 timeout	Used to set T42 MOB-HO-IND timeout	30 to 2000	show ms sysconfig
config ms system timers t43 timeout	Used to set T43 MOB-SLP-RSP timeout	30 to 2000	show ms sysconfig
config ms system timers t44 timeout	Used to set T44 MOB-SCN-RSP timeout	30 to 2000	show ms sysconfig
config ms system timers t45 timeout	Used to set T45 DREG CMD Timeout	30 to 500	show ms sysconfig
config ms system timers traffic monitoring timeout	Used to set traffic monitoring timeout of the frames. If Idle mode is enabled, MS triggers idle mode entry after this amount of idle time.	30 to 3000000	show ms sysconfig