



## Maximum Power Tune-up Tolerance

This device is a LTE SMARTPHONE (Model name: RG170, FCC ID: ZLE-RG170), description of Tune-up Tolerance:

- 1、Per KDB 447498 D01v06, the maximum output power channel is used for SAR testing and for further SAR test reduction.
- 2、The EUT was connected to Base Station R&S CMW500/MT8820C referred to the Setup Configuration. For the maximum power, it was established between EUT and Base Station with following setting:
  - 1) For GSM/GPRS testing, the MS TX Level was set 5 for low frequency bands and 0 for high frequency bands.
  - 2) For WCDMA testing, Power Ctrl Mode = All Up bits, and the transmitted maximum output power was recorded.
  - 3) For LTE testing, Power Ctrl Mode = All 1, and the transmitted maximum output power was recorded.

Maximum Power Tune-up Tolerance:

Technology/Band	Mode	Target Power and Tolerance (dBm)
GSM 850	GSM	31.0±1.0 dBm
	GPRS 1Tx slot	31.0±1.0 dBm
	GPRS 2Tx slot	30.5±1.0 dBm
	GPRS 3Tx slot	28.5±1.0 dBm
	GPRS 4Tx slot	27.5±1.0 dBm
	EDGE 1Tx slot	30.0±1.0 dBm
	EDGE 2Tx slot	29.0±1.0 dBm
	EDGE 3Tx slot	26.5±1.0 dBm
GSM 1900	EDGE 4Tx slot	25.0±1.0 dBm
	GSM	28.5±1.0 dBm
	GPRS 1Tx slot	28.5±1.0 dBm
	GPRS 2Tx slot	28.0±1.0 dBm
	GPRS 3Tx slot	26.0±1.0 dBm
	GPRS 4Tx slot	25.0±1.0 dBm
	EDGE 1Tx slot	25.0±1.0 dBm
	EDGE 2Tx slot	24.0±1.0 dBm



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	EDGE 3Tx slot	21.5±1.0 dBm
	EDGE 4Tx slot	20.5±1.0 dBm
WCDMA Band II	RMC	21.5±1.0 dBm
WCDMA Band IV	RMC	21.5±1.0 dBm
WCDMA Band V	RMC	22.0±1.0 dBm
LTE Band 2	QPSK	22.5±1.0 dBm
LTE Band 4	QPSK	22.5±1.0 dBm
LTE Band 5	QPSK	21.0±1.0 dBm
LTE Band 7	QPSK	20.0±1.0 dBm
2.4GHz WLAN	802.11b 1Mbps	12.0±1.0 dBm
	802.11g 6Mbps	10.0±1.0 dBm
	802.11n-HT20 MCS0	10.0±1.0 dBm
	802.11n-HT40 MCS0	10.0±1.0 dBm