UDS710+UDX710 Power Test Report V1.0	
Platform	UDS710+UDX710
PCB	UDS710_1_IRD_UDX710_PCB_V1.1.1.pcb
MEMORY	64GB EMMC+32Gb LPDDR4X KMDH6001DA-B422
WCN	UMW2651
Transceiver&Clock	UMT710,UMT710L ; TCXO(26M)+TCXO(26M)+32K
LCM&Camera&Audio	5.99'FHD+, 背光WD3139F； 后置双摄5M FF+12M AF ,前置16M FF; Dual MIC, PA UCP1301
PA&Band Info	SKY58255，QM77038, QM77032 ; GSM B2/3/5/8, WCDMA B1/2/5/8, TDD-LTE B34/39/40/41(N), FDD-LTE B1/3/5/7/8 , NR n41/78/79
Firmware Version	MOCORDROID9.0_Trunk_19B_ROC1_ORCA_W20.20.4
Common Test Condition	NSA类的case其Vbat供电电压为4V,其余caseVbat供电电压为3.8V。RF类case测试步骤见文档”UNISOC Power Consumption Test operation manual_Current Test tools Setting Vx.xx.pdf“.
Version History	V1.0: 初始版本，2020.11.1 此耗流数据仅供客户参考，不作为功耗标准。

用例编号/Case ID	测量用例/Test Case	预置条件和测试步骤/Test Condition and steps	典型值/Type	备注/Note
12002004	初始上电后的漏电流 Leakage current before power on	无SIM卡，无TF卡，开机之前，测量30s内平均电流。 No SIM card, No TF card, Measure the average current in 30 senconds before power on.	0.198mA	
12002001	正常关机后的漏电流 Poweroff leakage current	无SIM卡，无TF卡，快速开机功能关闭，关机后5分钟，测量30s内平均电流。 No SIM card, No TF card, None-Quick-Boot mode configure, Turn off and wait for 5 minutes, Measure the average current in 30 senconds.	0.176mA	
12001017	正常开机过程峰值电流 Peak current during starting up	无SIM卡，无TF卡，快速开机功能关闭，开机铃声功能打开，开机直到进入待机模式(灭屏），使用66319D（DLOG模式,DC电流曲线，测试时间设置为10分钟，采样间隔取0.005秒），测量此过程中的电流曲线，取仪表“Maximum”值作为1次峰值电流；测量10次峰值电流，取10次的最大值作为最终峰值电流。 No SIM card,No TF card,With welcome ring and None-Quick-Boot mode configure,The DTU is powered up and goes into standby mode with LCD off,Use the 66319D（DLOG mode,DC Current Graph Type, 10 minutes Acquisition period, 0.005s Integration time), to get the current curve during this period, Get the maximum value as the peak current value. Repeat the test for 10 times,Take the Max of 10 peak current values as the final peak current value.	2020mA	
12001018	下载过程峰值电流 Peak current during download	无SIM卡，无TF卡，使用66319D（DLOG模式,DC电流曲线，测试时间设置为10分钟，采样间隔取0.005秒），测量下载过程中的电流曲线，取仪表“Maximum”值作为1次峰值电流；测量10次峰值电流，取10次的最大值作为最终峰值电流。 No SIM card,No TF card,Use the 66319D（DLOG mode,DC Current Graph Type, 10 minutes Acquisition period, 0.005s Integration time), to get the current curve during download, Get the maximum value as the peak current value. Repeat the test for 10 times,Take the Max of 10 peak current values as the final peak current value.	504mA	
12001006	飞行模式底电流 Floor current of flight mode idle (Deep sleep current)	飞行模式，无SIM卡，无TF卡，待机模式（灭屏）后3分钟,测量直流电流最小值。 Flight mode, No sim card,No TF card,The DTU goes into standby mode with LCD off,After 3 mins,Measure the floor current.	5.56mA	
12001003	飞行模式待机电流 （不插SIM卡、不插SD卡） flight mode idle with No SIM card,No TF card	飞行模式，无SIM卡，无TF卡，待机模式(灭屏)后3分钟，测量3分钟内的平均电流。 Flight mode, No SIM card, No TF card,The DTU goes into standby mode with LCD off,After 3 mins,Measure the average current in 3 minutes.	5.75mA	
12001002	飞行模式待机电流 （插SIM卡、不插SD卡） flight mode idle with A SIM card,No TF card	飞行模式，单SIM卡，无TF卡，待机模式(灭屏)后3分钟，测量3分钟内的平均电流。 Flight mode, A SIM card, no TF card,The DTU goes into standby mode with LCD off,After 3 mins,Measure the average current in 3 minutes.	5.93mA	
12001001	飞行模式待机电流 （插SIM卡、插SD卡） flight mode idle with A SIM card,A TF card	飞行模式，单SIM卡，单TF卡，待机模式(灭屏)后3分钟，测量3分钟内的平均电流。 Flight mode, A SIM card, A TF card,The DTU goes into standby mode with LCD off,After 3 mins,Measure the average current in 3 minutes.	5.96mA	
12022001	背光最暗亮屏待机 LCD on With the darkest backlight	飞行模式，无SIM卡，无TF卡，屏最暗，静态壁纸，HOME界面，测量3分钟内的平均电流。 Flight mode, No sim card, No TF card, With the darkest backlight,static wallpaper and home screen, Measure the average current in 3 minutes.	102mA	
12022002	背光最亮 LCD on With the brightest backlight	飞行模式，无SIM卡，无TF卡，屏最亮，静态壁纸，HOME界面，测量3分钟内的平均电流。 Flight mode, No sim card, No TF card,With the brightest backlight,static wallpaper and home screen,Measure the average current in 3 minutes.	327mA	

用例编号/Case ID	测量用例/Test Case	预置条件和测试步骤/Test Condition and steps	典型值/Type	备注/Note
12004001	GSM待机电流测试PP2 GSM PP2 idle	样机设置：单测试白卡，无T卡，关闭数据连接，关闭BT/WIFI/GPS. 仪器设置： EGSM,CH62,PCL=7,Paging multiframes=2, 关闭全部临小区。 测试步骤：请参考 "UNISOC Power Consumption Test operation manual_RF instruments Setting Vx.xx.pdf"。 DUT setting: SIM1: Test card, No TF card, turn off datalink, ,BT/WIFI/GPS off. Instrument seting: EGSM,CH62,PCL=7,Paging multiframes=2, Neighbour Cell all off Test steps: please refer to "UNISOC Power Consumption Test operation manual_RF instruments Setting Vx.xx.pdf".	7.52mA	
12004002	GSM待机电流测试PP5 GSM PP5 idle	样机设置：单测试白卡，无T卡，关闭数据连接，关闭BT/WIFI/GPS。 仪器设置： EGSM,CH62,PCL=7,Paging multiframes=5, 关闭全部临小区。 测试步骤：请参考 "UNISOC Power Consumption Test operation manual_RF instruments Setting Vx.xx.pdf"。 DUT setting: SIM1: Test card, No TF card, turn off datalink, ,BT/WIFI/GPS off. Instrument seting: EGSM,CH62,PCL=7,Paging multiframes=5, Neighbour Cell all off. Test steps: please refer to "UNISOC Power Consumption Test operation manual_RF instruments Setting Vx.xx.pdf".	7.18mA	
12007002	WCDMA待机电流测试 WCDMA idle	样机设置：单测试白卡，无T卡，关闭数据连接，关闭BT/WIFI/GPS。 仪器设置： Band1, TX power=0dBm, DRX cycle=7, 关闭全部临小区。 测试步骤：请参考 "UNISOC Power Consumption Test operation manual_RF instruments Setting Vx.xx.pdf"。 DUT setting: SIM1: Test card, No TF card, turn off datalink, ,BT/WIFI/GPS off. Instrument seting: Band1, TX power=0dBm, DRX cycle=7, Neighbour Cell all off. Test steps: please refer to "UNISOC Power Consumption Test operation manual_RF instruments Setting Vx.xx.pdf".	6.89mA	
12009003	TDD-LTE待机电流测试 TDD-LTE idle	样机设置：单测试白卡，无T卡，关闭数据连接，关闭BT/WIFI/GPS。 仪器设置：Band40, TX power=0dBm, Pagingcycle=128, 关闭全部临小区。 测试步骤：请参考 "UNISOC Power Consumption Test operation manual_RF instruments Setting Vx.xx.pdf"。 DUT setting: SIM1: Test card, No TF card, turn off datalink, ,BT/WIFI/GPS off. Instrument seting: Band40, TX power=0dBm, Pagingcycle=128, Neighbour Cell all off. Test steps: please refer to "UNISOC Power Consumption Test operation manual_RF instruments Setting Vx.xx.pdf".	7.23mA	
12009007	FDD-LTE待机电流测试 FDD-LTE idle	样机设置：单测试白卡，无T卡，关闭数据连接，关闭BT/WIFI/GPS。 仪器设置： Band3, TX power=0dBm, Pagingcycle=128, 关闭全部临小区。 测试步骤：请参考 "UNISOC Power Consumption Test operation manual_RF instruments Setting Vx.xx.pdf"。 DUT setting: SIM1: Test card, No TF card, turn off datalink, ,BT/WIFI/GPS off. Instrument seting: Band3, TX power=0dBm, Pagingcycle=128, Neighbour Cell all off. Test steps: please refer to "UNISOC Power Consumption Test operation manual_RF instruments Setting Vx.xx.pdf".	7.19mA	

用例编号/Case ID	测量用例/Test Case	预置条件和测试步骤/Test Condition and steps	典型值/Type	备注/Note
12078001	NSA-5G仪表待机功耗-中心 (Idle Mode, cell center，NSA)	1.终端开机，插入测试白卡，无T卡，关闭BT/WIFI/GPS。电脑PRT软件加载自动化测试脚本《CMCC_NSA_9.1.3.kssc》。 2. UE注册到仪表LTE网络（Band 3）。 3. 由仪表向UEPing包成功。 4. 重新配置网络到NR（Band 41）。 5. 由仪表向UEPing包成功。 6. 关闭手机数据连接，息屏并在网络释放后等待60秒稳定电流。 7. 开启电流测试，测试3分钟后停止，保存电流计log并记录期间平均电流值。 具体测试步骤：请参考 "UNISOC Power Consumption Test operation manual_RF instruments Setting Vx.xx.pdf"。	6.73mA	
12078002	NSA-5G仪表待机功耗-边缘 (Idle Mode, cell edge，NSA)	1.终端开机，插入测试白卡，无T卡，关闭BT/WIFI/GPS。电脑PRT软件加载自动化测试脚本《CMCC_NSA_9.1.4.kssc》。 2. UE注册到仪表LTE网络（Band 3）。 3. 重新配置网络到NR（Band 41）。 4. 由仪表向UEPing包成功。 5. 关闭手机数据连接，息屏并在网络释放后等待60秒稳定电流。 6. 开启电流测试，测试3分钟后停止，保存电流计log并记录期间平均电流值。 具体测试步骤：请参考 "UNISOC Power Consumption Test operation manual_RF instruments Setting Vx.xx.pdf"。	6.73mA	
12078003	NSA-5G仪表待机功耗-多连接态 （Connected Mode with DRX on MCG and SCG,Power Consumption,NSA。）	1.终端开机，电脑PRT软件加载自动化测试脚本《CMCC_NSA_9.2.1.4.kssc》。 2. UE注册到仪表LTE网络（Band 3）。 3. 重新配置网络到NR（Band 41）。 4. 关闭手机数据连接，息屏。 5. 仪表配置NR和LTE皆处于连接态，等待120秒稳定电流。 6. 开启电流测试，测试3分钟后停止，保存电流计log并记录期间平均电流值。为值1 7. 仪表配置NR处于连接态，LTE配置CDRX开启。等待120秒稳定电流。 8. 开启电流测试，测试3分钟后停止，保存电流计log并记录期间平均电流值。为值2 9. 仪表配置NR和LTE皆处于CDRX开启状态。等待120秒稳定电流。 10. 开启电流测试，测试3分钟后停止，保存电流计log并记录期间平均电流值。为值3 11. 记录第三个电流值填写到测试结果中 具体测试步骤：请参考 "UNISOC Power Consumption Test operation manual_RF instruments Setting Vx.xx.pdf"。	111mA	
12065001	GSM实网待机电流测试 single SIM card(2G)	CMCC SIM卡，带TF卡，BT/WIFI/GPS关闭，GSM单模驻网，待机模式(灭屏)后3分钟，测量3分钟内的平均电流。 Single GSM CMCC SIM1, with TF card, BT/WIFI/GPS off, with TF card, GSM only connected，The DTU goes into standby mode with LCD off,After 3 mins,Measure the average current in 3 minutes.	8.39mA	
12065002	WCDMA实网待机电流测试 single SIM card(3G)	WCDMA CUCC卡，带TF卡，BT/WIFI/GPS关闭，WCDMA单模驻网，待机模式(灭屏)后3分钟，测量3分钟内的平均电流。 Single WCDMA CUCC SIM1, with TF card,BT/WIFI/GPS off, with TF card, WCDMA only connected，The DTU goes into standby mode with LCD off,After 3 mins,Measure the average current in 3 minutes.	8.62mA	
12065003	FDD-LTE实网待机电流测试 single SIM card(FDD-LTE)	FDD-LTE CUCC卡，带TF卡，BT/WIFI/GPS关闭，LTE单模驻网，待机模式(灭屏)后3分钟，测量3分钟内的平均电流。 Single FDD-LTE CUCC SIM1, with TF card,BT/WIFI/GPS off, with TF card, LTE only connected，The DTU goes into standby mode with LCD off,After 3 mins,Measure the average current in 3 minutes.	7.64mA	
12065004	TDD-LTE实网待机电流测试 single SIM card(TDD-LTE) idle	TDD-LTE CMCC卡，带TF卡，BT/WIFI/GPS关闭，LTE单模驻网，待机模式(灭屏)后3分钟，测量3分钟内的平均电流。 Single TDD-LTE CMCC SIM1, with TF card,BT/WIFI/GPS off, with TF card, LTE only connected，The DTU goes into standby mode with LCD off,After 3 mins,Measure the average current in 3 minutes.	8.56mA	

用例编号/Case ID	测量用例/Test Case	预置条件和测试步骤/Test Condition and steps	典型值/Type	备注/Note
12065005	双GSM实网待机电流测试 Dual SIM card(2G+2G) idle	CUCC+CMCC卡，带TF卡，BT/WIFI/GPS关闭，GSM单模驻网，待机模式(灭屏)后3分钟，测量3分钟内的平均电流。 dual sim cards CUCC+CMCC, with TF card,BT/WIFI/GPS off, with TF card, GSM only connected，The DTU goes into standby mode with LCD off,After 3 mins,Measure the average current in 3 minutes.	12.7mA	
12065006	WCDMA+GSM实网待机电流测试 Dual SIM card(WCDMA+2G) idle	CUCC+CMCC卡，带TF卡，BT/WIFI/GPS关闭，WCDMA+GSM驻网，待机模式(灭屏)后3分钟，测量3分钟内的平均电流。 dual sim cards CUCC+CMCC, with TF card,BT/WIFI/GPS off, with TF card, WCDMA+GSM connected，The DTU goes into standby mode with LCD off,After 3 mins,Measure the average current in 3 minutes.	11.2mA	
12065007	TD-SCDMA+GSM实网待机电流测试 Dual SIM card(TD-SCDMA+2G) idle	CUCC+CMCC卡，带TF卡，BT/WIFI/GPS关闭，TD-CDMA+GSM驻网，待机模式(灭屏)后3分钟，测量3分钟内的平均电流。 dual sim cards CUCC+CMCC, with TF card,BT/WIFI/GPS off, with TF card, TD-SCDMA+GSM connected，The DTU goes into standby mode with LCD off,After 3 mins,Measure the average current in 3 minutes.	9.03mA	
12065008	FDD-LTE+GSM实网待机电流测试 Dual SIM card（FDD+2G) idle	CUCC+CMCC卡，带TF卡，BT/WIFI/GPS关闭，FDD+GSM驻网，待机模式(灭屏)后3分钟，测量3分钟内的平均电流。 dual sim cards CUCC+CMCC, with TF card,BT/WIFI/GPS off, with TF card, FDD+GSM connected，The DTU goes into standby mode with LCD off,After 3 mins,Measure the average current in 3 minutes.	13.6mA	
12065009	TDD-LTE+GSM实网待机电流测试 Dual SIM card(TDD+2G) idle	CUCC+CMCC卡，带TF卡，BT/WIFI/GPS关闭，TDD+GSM驻网，待机模式(灭屏)后3分钟，测量3分钟内的平均电流。 dual sim cards CUCC+CMCC, with TF card,BT/WIFI/GPS off, with TF card, TDD+GSM connected，The DTU goes into standby mode with LCD off,After 3 mins,Measure the average current in 3 minutes.	11.8mA	
12004007-GSM900	GSM手持通话电流测试（GSM900最大功率) GSM900 Max. power Call	样机设置：单测试白卡，无T卡，关闭数据连接，关闭BT/WIFI/GPS。 仪器设置：CellPower= -104dBm, PCL=5,CH62,FR speech 测试步骤：请参考 "UNISOC Power Consumption Test operation manual_RF instruments Setting Vx.xx.pdf"。 DUT setting: SIM1: Test card, No TF card, turn off datalink, ,BT/WIFI/GPS off. Instrument seting: CellPower= -104dBm, PCL=5,CH62,FR speech. Test steps: please refer to "UNISOC Power Consumption Test operation manual_RF instruments Setting Vx.xx.pdf".	323mA	30.69dBm
12004009-GSM900	GSM手持通话电流测试(GSM900最小功率) GSM900 Min. power Call	样机设置：单测试白卡，无T卡，关闭数据连接，关闭BT/WIFI/GPS。 仪器设置：CellPower= -60dBm, PCL=19,CH62,FR speech 测试步骤：请参考 "UNISOC Power Consumption Test operation manual_RF instruments Setting Vx.xx.pdf"。 DUT setting: SIM1: Test card, No TF card, turn off datalink, ,BT/WIFI/GPS off. Instrument seting: CellPower= -60dBm, PCL=19,CH62,FR speech. Test steps: please refer to "UNISOC Power Consumption Test operation manual_RF instruments Setting Vx.xx.pdf".	115mA	5dBm

用例编号/Case ID	测量用例/Test Case	预置条件和测试步骤/Test Condition and steps	典型值/Type	备注/Note
12004007- DCS1800	GSM手持通话电流测试(DCS1800最大功率) DCS1800 Max. power Call	样机设置：单测试白卡，无T卡，关闭数据连接，关闭BT/WIFI/GPS。 仪器设置：CellPower= -104dBm, PCL=0,CH698,FR speech 测试步骤：请参考 "UNISOC Power Consumption Test operation manual_RF instruments Setting Vx.xx.pdf"。 DUT setting: SIM1: Test card, No TF card, turn off datalink, ,BT/WIFI/GPS off. Instrument seting: CellPower= -104dBm, PCL=0,CH698,FR speech. Test steps: please refer to "UNISOC Power Consumption Test operation manual_RF instruments Setting Vx.xx.pdf".	274mA	27.88dBm
12004009- DCS1800	GSM手持通话电流测试(DCS1800最小功率) DCS1800 Min. power Call	样机设置：单测试白卡，无T卡，关闭数据连接，关闭BT/WIFI/GPS。 仪器设置： CellPower= -60dBm, PCL=15,CH698,FR speech。 测试步骤：请参考 "UNISOC Power Consumption Test operation manual_RF instruments Setting Vx.xx.pdf"。 DUT setting: SIM1: Test card, No TF card, turn off datalink, ,BT/WIFI/GPS off. Instrument seting: CellPower= -60dBm, PCL=15,CH698,FR speech. Test steps: please refer to "UNISOC Power Consumption Test operation manual_RF instruments Setting Vx.xx.pdf".	138mA	-1.9dBm
12007010- WCDMA-B1	WCDMA手持通话电流测试(WCDMA Band1 23dBm) WCDMA band1 23dBm power Call	样机设置：单测试白卡，无T卡，关闭数据连接，关闭BT/WIFI/GPS。 仪器设置：CellPower= -104dBm, TX power=23dBm,CH10700, All bits up, AMR voice。 测试步骤：请参考 "UNISOC Power Consumption Test operation manual_RF instruments Setting Vx.xx.pdf"。 DUT setting: SIM1: Test card, No TF card, turn off datalink, ,BT/WIFI/GPS off. Instrument seting: CellPower= -104dBm, TX power=23dBm,CH10700, All bits up, AMR voice. Test steps: please refer to "UNISOC Power Consumption Test operation manual_RF instruments Setting Vx.xx.pdf".	654mA	22.32dBm
12007011- WCDMA-B1	WCDMA手持通话电流测试(WCDMA Band1 10dBm) WCDMA band1 10dBm power Call	样机设置：单测试白卡，无T卡，关闭数据连接，关闭BT/WIFI/GPS。 仪器设置：CellPower= -90dBm, TX power=10dBm,CH10700, active bits, AMR voice。 测试步骤：请参考 "UNISOC Power Consumption Test operation manual_RF instruments Setting Vx.xx.pdf"。 DUT setting: SIM1: Test card, No TF card, turn off datalink, ,BT/WIFI/GPS off. Instrument seting: CellPower= -90dBm, TX power=10dBm,CH10700, active bits, AMR voice. Test steps: please refer to "UNISOC Power Consumption Test operation manual_RF instruments Setting Vx.xx.pdf".	286mA	10.7dBm
12007012- WCDMA-B1	WCDMA手持通话电流测试(WCDMA Band1 0dBm) WCDMA band1 0dBm power Call	样机设置：单测试白卡，无T卡，关闭数据连接，关闭BT/WIFI/GPS。 仪器设置：CellPower= -85dBm, TX power=0dBm,CH10700, active bits, AMR voice。 测试步骤：请参考 "UNISOC Power Consumption Test operation manual_RF instruments Setting Vx.xx.pdf"。 DUT setting: SIM1: Test card, No TF card, turn off datalink, ,BT/WIFI/GPS off. Instrument seting: CellPower= -85dBm, TX power=0dBm,CH10700, active bits, AMR voice. Test steps: please refer to "UNISOC Power Consumption Test operation manual_RF instruments Setting Vx.xx.pdf".	180mA	0.17dBm

用例编号/Case ID	测量用例/Test Case	预置条件和测试步骤/Test Condition and steps	典型值/Type	备注/Note
12007014-WCDMA-B1	WCDMA手持通话电流测试(WCDMA Band1 -50dBm) WCDMA band1 -50dBm power Call	样机设置：单测试白卡，无T卡，关闭数据连接，关闭BT/WIFI/GPS。 仪器设置：CellPower= -60dBm, TX power=-50dBm,CH10700, All bits down, AMR voice。 测试步骤：请参考 "UNISOC Power Consumption Test operation manual_RF instruments Setting Vx.xx.pdf"。 DUT setting: SIM1: Test card, No TF card, turn off datalink, ,BT/WIFI/GPS off. Instrument seting: CellPower= -60dBm, TX power=-50dBm,CH10700, All bits down, AMR voice. Test steps: please refer to "UNISOC Power Consumption Test operation manual_RF instruments Setting Vx.xx.pdf".	175mA	-49.34dBm
12007010-WCDMA-B2	WCDMA手持通话电流测试(WCDMA Band2 23dBm) WCDMA band2 23dBm power Call	样机设置：单测试白卡，无T卡，关闭数据连接，关闭BT/WIFI/GPS。 仪器设置：CellPower= -104dBm, TX power=23dBm,CH9800, All bits up, AMR voice。 测试步骤：请参考 "UNISOC Power Consumption Test operation manual_RF instruments Setting Vx.xx.pdf"。 DUT setting: SIM1: Test card, No TF card, turn off datalink, ,BT/WIFI/GPS off. Instrument seting: CellPower= -104dBm, TX power=23dBm,CH9800, All bits up, AMR voice. Test steps: please refer to "UNISOC Power Consumption Test operation manual_RF instruments Setting Vx.xx.pdf".	639mA	22.3dBm
12007011-WCDMA-B2	WCDMA手持通话电流测试(WCDMA Band2 10dBm) WCDMA band2 10dBm power Call	样机设置：单测试白卡，无T卡，关闭数据连接，关闭BT/WIFI/GPS。 仪器设置：CellPower= -90dBm, TX power=10dBm,CH9800, active bits, AMR voice。 测试步骤：请参考 "UNISOC Power Consumption Test operation manual_RF instruments Setting Vx.xx.pdf"。 DUT setting: SIM1: Test card, No TF card, turn off datalink, ,BT/WIFI/GPS off. Instrument seting: CellPower= -90dBm, TX power=10dBm, CH9800, active bits, AMR voice. Test steps: please refer to "UNISOC Power Consumption Test operation manual_RF instruments Setting Vx.xx.pdf".	287mA	10.25dBm
12007012-WCDMA-B2	WCDMA手持通话电流测试(WCDMA Band2 0dBm) WCDMA band2 0dBm power Call	样机设置：单测试白卡，无T卡，关闭数据连接，关闭BT/WIFI/GPS。 仪器设置：CellPower= -85dBm, TX power=0dBm,CH9800, active bits, AMR voice。 测试步骤：请参考 "UNISOC Power Consumption Test operation manual_RF instruments Setting Vx.xx.pdf"。 DUT setting: SIM1: Test card, No TF card, turn off datalink, ,BT/WIFI/GPS off. Instrument seting: CellPower= -85dBm, TX power=0dBm, CH9800, active bits, AMR voice. Test steps: please refer to "UNISOC Power Consumption Test operation manual_RF instruments Setting Vx.xx.pdf".	199mA	0.43dBm
12007014-WCDMA-B2	WCDMA手持通话电流测试(WCDMA Band2 -50dBm) WCDMA band2 -50dBm power Call	样机设置：单测试白卡，无T卡，关闭数据连接，关闭BT/WIFI/GPS。 仪器设置：CellPower= -60dBm, TX power=-50dBm,CH9800, All bits down, AMR voice。 测试步骤：请参考 "UNISOC Power Consumption Test operation manual_RF instruments Setting Vx.xx.pdf"。 DUT setting: SIM1: Test card, No TF card, turn off datalink, ,BT/WIFI/GPS off. Instrument seting: CellPower= -60dBm, TX power=-50dBm, CH9800, All bits down, AMR voice. Test steps: please refer to "UNISOC Power Consumption Test operation manual_RF instruments Setting Vx.xx.pdf".	185mA	-49.5dBm

用例编号/Case ID	测量用例/Test Case	预置条件和测试步骤/Test Condition and steps	典型值/Type	备注/Note
12007010-WCDMA-B5	WCDMA手持通话电流测试(WCDMA Band5 23dBm) WCDMA band5 23dBm power Call	样机设置：单测试白卡，无T卡，关闭数据连接，关闭BT/WIFI/GPS。 仪器设置：CellPower= -104dBm, TX power=23dBm,CH4400, All bits up, AMR voice。 测试步骤：请参考 "UNISOC Power Consumption Test operation manual_RF instruments Setting Vx.xx.pdf"。 DUT setting: SIM1: Test card, No TF card, turn off datalink, ,BT/WIFI/GPS off. Instrument seting: CellPower= -104dBm, TX power=23dBm, CH4400, All bits up, AMR voice. Test steps: please refer to "UNISOC Power Consumption Test operation manual_RF instruments Setting Vx.xx.pdf".	669mA	23.6dBm
12007011-WCDMA-B5	WCDMA手持通话电流测试(WCDMA Band5 10dBm) WCDMA band5 10dBm power Call	样机设置：单测试白卡，无T卡，关闭数据连接，关闭BT/WIFI/GPS。 仪器设置：CellPower= -90dBm, TX power=10dBm,CH4400, active bits, AMR voice。 测试步骤：请参考 "UNISOC Power Consumption Test operation manual_RF instruments Setting Vx.xx.pdf"。 DUT setting: SIM1: Test card, No TF card, turn off datalink, ,BT/WIFI/GPS off. Instrument seting: CellPower= -90dBm, TX power=10dBm, CH4400, active bits, AMR voice. Test steps: please refer to "UNISOC Power Consumption Test operation manual_RF instruments Setting Vx.xx.pdf".	310mA	10.9dBm
12007012-WCDMA-B5	WCDMA手持通话电流测试(WCDMA Band5 0dBm) WCDMA band5 0dBm power Call	样机设置：单测试白卡，无T卡，关闭数据连接，关闭BT/WIFI/GPS。 仪器设置：CellPower= -85dBm, TX power=0dBm,CH4400, active bits, AMR voice。 测试步骤：请参考 "UNISOC Power Consumption Test operation manual_RF instruments Setting Vx.xx.pdf"。 DUT setting: SIM1: Test card, No TF card, turn off datalink, ,BT/WIFI/GPS off. Instrument seting: CellPower= -85dBm, TX power=0dBm, CH4400, active bits, AMR voice. Test steps: please refer to "UNISOC Power Consumption Test operation manual_RF instruments Setting Vx.xx.pdf".	233mA	0.09dBm
12007014-WCDMA-B5	WCDMA手持通话电流测试(WCDMA Band5 -50dBm) WCDMA band5 -50dBm power Call	样机设置：单测试白卡，无T卡，关闭数据连接，关闭BT/WIFI/GPS。 仪器设置：CellPower= -60dBm, TX power=-50dBm,CH4400, All bits down, AMR voice。 测试步骤：请参考 "UNISOC Power Consumption Test operation manual_RF instruments Setting Vx.xx.pdf"。 DUT setting: SIM1: Test card, No TF card, turn off datalink, ,BT/WIFI/GPS off. Instrument seting: CellPower= -60dBm, TX power=-50dBm, CH4400, All bits down, AMR voice. Test steps: please refer to "UNISOC Power Consumption Test operation manual_RF instruments Setting Vx.xx.pdf".	208mA	-49.3dBm
12007010-WCDMA-B8	WCDMA手持通话电流测试(WCDMA Band8 23dBm) WCDMA band8 23dBm power Call	样机设置：单测试白卡，无T卡，关闭数据连接，关闭BT/WIFI/GPS。 仪器设置： CellPower= -104dBm, TX power=23dBm,CH3013, All bits up, AMR voice。 测试步骤：请参考 "UNISOC Power Consumption Test operation manual_RF instruments Setting Vx.xx.pdf"。 DUT setting: SIM1: Test card, No TF card, turn off datalink, ,BT/WIFI/GPS off. Instrument seting: CellPower= -104dBm, TX power=23dBm, CH3013, All bits up, AMR voice. Test steps: please refer to "UNISOC Power Consumption Test operation manual_RF instruments Setting Vx.xx.pdf".	734mA	23.8dBm

用例编号/Case ID	测量用例/Test Case	预置条件和测试步骤/Test Condition and steps	典型值/Type	备注/Note
12007011-WCDMA-B8	WCDMA手持通话电流测试(WCDMA Band8 10dBm) WCDMA band8 10dBm power Call	样机设置：单测试白卡，无T卡，关闭数据连接，关闭BT/WIFI/GPS。 仪器设置：CellPower= -90dBm, TX power=10dBm,CH3013, active bits, AMR voice。 测试步骤：请参考 "UNISOC Power Consumption Test operation manual_RF instruments Setting Vx.xx.pdf"。 DUT setting: SIM1: Test card, No TF card, turn off datalink, ,BT/WIFI/GPS off. Instrument seting: CellPower= -90dBm, TX power=10dBm, CH3013, active bits, AMR voice. Test steps: please refer to "UNISOC Power Consumption Test operation manual_RF instruments Setting Vx.xx.pdf".	268mA	10.7dBm
12007012-WCDMA-B8	WCDMA手持通话电流测试(WCDMA Band8 0dBm) WCDMA band8 0dBm power Call	样机设置：单测试白卡，无T卡，关闭数据连接，关闭BT/WIFI/GPS。 仪器设置：CellPower= -85dBm, TX power=0dBm,CH3013, active bits, AMR voice。 测试步骤：请参考 "UNISOC Power Consumption Test operation manual_RF instruments Setting Vx.xx.pdf"。 DUT setting: SIM1: Test card, No TF card, turn off datalink, ,BT/WIFI/GPS off. Instrument seting: CellPower= -85dBm, TX power=0dBm, CH3013, active bits, AMR voice. Test steps: please refer to "UNISOC Power Consumption Test operation manual_RF instruments Setting Vx.xx.pdf".	226mA	0.1dBm
12007014-WCDMA-B8	WCDMA手持通话电流测试(WCDMA Band8 -50dBm) WCDMA band8 -50dBm power Call	样机设置：单测试白卡，无T卡，关闭数据连接，关闭BT/WIFI/GPS。 仪器设置：CellPower= -60dBm, TX power=-50dBm,CH3013, All bits down, AMR voice。 测试步骤：请参考 "UNISOC Power Consumption Test operation manual_RF instruments Setting Vx.xx.pdf"。 DUT setting: SIM1: Test card, No TF card, turn off datalink, ,BT/WIFI/GPS off. Instrument seting: CellPower= -60dBm, TX power=-50dBm, CH3013, All bits down, AMR voice. Test steps: please refer to "UNISOC Power Consumption Test operation manual_RF instruments Setting Vx.xx.pdf".	210mA	-49.1dBm
12053001-TDD-B40-MUTE	TDD VOLTE语音通话(Mute) TDD VOLTE mute Call	样机设置：单测试白卡，无T卡，关闭数据连接，关闭BT/WIFI/GPS，静音。 仪器设置：TDD BAND40, UXM CMCC 配置，静音。 测试步骤：请参考 "UNISOC Power Consumption Test operation manual_RF instruments Setting Vx.xx.pdf"。 DUT setting: SIM1: Test card, No TF card, turn off datalink, ,BT/WIFI/GPS off, mute. Instrument seting: TDD BAND40, UXM CMCC configuration，Mute. Test steps: please refer to "UNISOC Power Consumption Test operation manual_RF instruments Setting Vx.xx.pdf".	109mA	
12053001-TDD-B40	TDD VOLTE语音通话 TDD VOLTE Call	样机设置：单测试白卡，无T卡，关闭数据连接，关闭BT/WIFI/GPS，静音。 仪器设置：TDD BAND40, UXM CMCC 配置，0.2*Mute +0.4*Listen+0.4*Talk。 测试步骤：请参考 "UNISOC Power Consumption Test operation manual_RF instruments Setting Vx.xx.pdf"。 DUT setting: SIM1: Test card, No TF card, turn off datalink, ,BT/WIFI/GPS off. Instrument seting: TDD BAND40, UXM CMCC configuration，0.2*Mute +0.4*Listen+0.4*Talk. Test steps: please refer to "UNISOC Power Consumption Test operation manual_RF instruments Setting Vx.xx.pdf".	123mA	

用例编号/Case ID	测量用例/Test Case	预置条件和测试步骤/Test Condition and steps	典型值/Type	备注/Note
12005001- GSM900	GSM900 GPRS 最大功率电流测试 1发4收 GSM900 GPRS Max. power Datalink 4D1U	样机设置：单测试白卡，无T卡，关闭BT/WIFI/GPS。 仪器设置：CellPower= -104dBm, PCL=5,CH62,GPRS Type A，CS-4，4D1U 。 测试步骤：请参考 "UNISOC Power Consumption Test operation manual_RF instruments Setting Vx.xx.pdf"。 DUT setting: SIM1: Test card, No TF card, BT/WIFI/GPS off. Instrument seting: CellPower= -104dBm, PCL=5, CH62, GPRS Type A, CS-4，4D1U . Test steps: please refer to "UNISOC Power Consumption Test operation manual_RF instruments Setting Vx.xx.pdf".	301mA	30.78dBm
12005002- GSM900	GSM900 GPRS 最大功率电流测试 2发3收 GSM900 GPRS Max. power Datalink 3D2U	样机设置：单测试白卡，无T卡，关闭BT/WIFI/GPS。 仪器设置：CellPower= -104dBm, PCL=5,CH62,GPRS Type A，CS-4，3D2U 。 测试步骤：请参考 "UNISOC Power Consumption Test operation manual_RF instruments Setting Vx.xx.pdf"。 DUT setting: SIM1: Test card, No TF card, BT/WIFI/GPS off. Instrument seting: CellPower= -104dBm, PCL=5, CH62, GPRS Type A, CS-4，3D2U. Test steps: please refer to "UNISOC Power Consumption Test operation manual_RF instruments Setting Vx.xx.pdf".	429mA	28.7dBm
12005003- GSM900	GSM900 GPRS 最大功率电流测试 4发1收 GSM900 GPRS Max. power Datalink 1D4U	样机设置：单测试白卡，无T卡，关闭BT/WIFI/GPS。 仪器设置：CellPower= -104dBm, PCL=5,CH62,GPRS Type A，CS-4，1D4U 。 测试步骤：请参考 "UNISOC Power Consumption Test operation manual_RF instruments Setting Vx.xx.pdf"。 DUT setting: SIM1: Test card, No TF card, BT/WIFI/GPS off. Instrument seting: CellPower= -104dBm, PCL=5, CH62, GPRS Type A, CS-4，1D4U. Test steps: please refer to "UNISOC Power Consumption Test operation manual_RF instruments Setting Vx.xx.pdf".	534mA	24.8dBm
12005001- DCS1800	DCS1800 GPRS 最大功率电流测试 1发4收 DCS1800 GPRS Max. power Datalink 4D1U	样机设置：单测试白卡，无T卡，关闭BT/WIFI/GPS。 仪器设置：CellPower= -104dBm, PCL=0,CH698,GPRS Type A，CS-4， 4D1U。 测试步骤：请参考 "UNISOC Power Consumption Test operation manual_RF instruments Setting Vx.xx.pdf"。 DUT setting: SIM1: Test card, No TF card, BT/WIFI/GPS off. Instrument seting: CellPower= -104dBm, PCL=0, CH698, GPRS Type A, CS-4，4D1U. Test steps: please refer to "UNISOC Power Consumption Test operation manual_RF instruments Setting Vx.xx.pdf".	248mA	27.6dBm
12005002- DCS1800	DCS1800 GPRS 最大功率电流测试 2发3收 DCS1800 GPRS Max. power Datalink 3D2U	样机设置：单测试白卡，无T卡，关闭BT/WIFI/GPS。 仪器设置：CellPower= -104dBm, PCL=0,CH698,GPRS Type A，CS-4， 3D2U。 测试步骤：请参考 "UNISOC Power Consumption Test operation manual_RF instruments Setting Vx.xx.pdf"。 DUT setting: SIM1: Test card, No TF card, BT/WIFI/GPS off. Instrument seting: CellPower= -104dBm, PCL=0, CH698, GPRS Type A, CS-4，3D2U. Test steps: please refer to "UNISOC Power Consumption Test operation manual_RF instruments Setting Vx.xx.pdf".	343mA	25.4dBm

用例编号/Case ID	测量用例/Test Case	预置条件和测试步骤/Test Condition and steps	典型值/Type	备注/Note
12005003-DCS1800	DCS1800 GPRS 最大功率电流测试 4发1收 DCS1800 GPRS Max. power Datalink 1D4U	样机设置：单测试白卡，无T卡，关闭BT/WIFI/GPS。 仪器设置：CellPower= -104dBm, PCL=0,CH698,GPRS Type A，CS-4，1D4U。 测试步骤：请参考 "UNISOC Power Consumption Test operation manual_RF instruments Setting Vx.xx.pdf"。 DUT setting: SIM1: Test card, No TF card, BT/WIFI/GPS off. Instrument seting: CellPower= -104dBm, PCL=0, CH698, GPRS Type A, CS-4，1D4U. Test steps: please refer to "UNISOC Power Consumption Test operation manual_RF instruments Setting Vx.xx.pdf".	453mA	21.9dBm
12009023-TDD-B38	TDD-LTE数据业务电流测试(TDD Band38 23dBm) TDD-LTE Band38 23dBm power Datalink	样机设置：单测试白卡，无T卡，关闭BT/WIFI/GPS。 仪器设置：TM3, CellPower= -104dBm, TX power=23dBm, CH38000, BW=20M, all bits up。 测试步骤：请参考 "UNISOC Power Consumption Test operation manual_RF instruments Setting Vx.xx.pdf"。 DUT setting: SIM1: Test card, No TF card, BT/WIFI/GPS off. Instrument seting: TM3, CellPower= -104dBm, TX power=23dBm, CH38000, BW=20M, all bits up. Test steps: please refer to "UNISOC Power Consumption Test operation manual_RF instruments Setting Vx.xx.pdf".	393mA	22.5dBm
12009026-TDD-B38	TDD-LTE数据业务电流测试(TDD Band38 -42dBm) TDD-LTE Band38 -42dBm power Datalink	样机设置：单测试白卡，无T卡，关闭BT/WIFI/GPS。 仪器设置：TM3, CellPower= -60dBm, TX power=-42dBm, CH38000, BW=20M, all bits down。 测试步骤：请参考 "UNISOC Power Consumption Test operation manual_RF instruments Setting Vx.xx.pdf"。 DUT setting: SIM1: Test card, No TF card, BT/WIFI/GPS off. Instrument seting: TM3, CellPower= -60dBm, TX power=-42dBm, CH38000, BW=20M, all bits down. Test steps: please refer to "UNISOC Power Consumption Test operation manual_RF instruments Setting Vx.xx.pdf".	146mA	-43dBm
12009023-TDD-B39	TDD-LTE数据业务电流测试(TDD Band39 23dBm) TDD-LTE Band39 23dBm power Datalink	样机设置：单测试白卡，无T卡，关闭BT/WIFI/GPS。 仪器设置：TM3, CellPower= -104dBm, TX power=23dBm, CH38450, BW=20M, all bits up。 测试步骤：请参考 "UNISOC Power Consumption Test operation manual_RF instruments Setting Vx.xx.pdf"。 DUT setting: SIM1: Test card, No TF card, BT/WIFI/GPS off. Instrument seting: TM3, CellPower= -104dBm, TX power=23dBm, CH38450, BW=20M, all bits up. Test steps: please refer to "UNISOC Power Consumption Test operation manual_RF instruments Setting Vx.xx.pdf".	351mA	21.2dBm
12009026-TDD-B39	TDD-LTE数据业务电流测试(TDD Band39 -42dBm) TDD-LTE Band39 -42dBm power Datalink	样机设置：单测试白卡，无T卡，关闭BT/WIFI/GPS。 仪器设置：TM3， CellPower= -60dBm, TX power=-42dBm, CH38450, BW=20M, all bits down。 测试步骤：请参考 "UNISOC Power Consumption Test operation manual_RF instruments Setting Vx.xx.pdf"。 DUT setting: SIM1: Test card, No TF card, BT/WIFI/GPS off. Instrument seting: TM3， CellPower= -60dBm, TX power=-42dBm, CH38450, BW=20M, all bits down. Test steps: please refer to "UNISOC Power Consumption Test operation manual_RF instruments Setting Vx.xx.pdf".	143mA	-43dBm

用例编号/Case ID	测量用例/Test Case	预置条件和测试步骤/Test Condition and steps	典型值/Type	备注/Note
12009023-TDD-B40	TDD-LTE数据业务电流测试(TDD Band40 23dBm) TDD-LTE Band40 23dBm power Datalink	样机设置：单测试白卡，无T卡，关闭BT/WIFI/GPS。 仪器设置：TM3， CellPower= -104dBm, TX power=23dBm, CH39150, BW=20M, all bits up。 测试步骤：请参考 "UNISOC Power Consumption Test operation manual_RF instruments Setting Vx.xx.pdf"。 DUT setting: SIM1: Test card, No TF card, BT/WIFI/GPS off. Instrument seting: TM3， CellPower= -104dBm, TX power=23dBm, CH39150, BW=20M, all bits up. Test steps: please refer to "UNISOC Power Consumption Test operation manual_RF instruments Setting Vx.xx.pdf".	369mA	21.7dBm
12009026-TDD-B40	TDD-LTE数据业务电流测试(TDD Band40 -42dBm) TDD-LTE Band40 -42dBm power Datalink	样机设置：单测试白卡，无T卡，关闭BT/WIFI/GPS。 仪器设置：TM3, CellPower= -60dBm, TX power=-42dBm, CH39150, BW=20M, all bits down。 测试步骤：请参考 "UNISOC Power Consumption Test operation manual_RF instruments Setting Vx.xx.pdf"。 DUT setting: SIM1: Test card, No TF card, BT/WIFI/GPS off. Instrument seting: TM3, CellPower= -60dBm, TX power=-42dBm, CH39150, BW=20M, all bits down. Test steps: please refer to "UNISOC Power Consumption Test operation manual_RF instruments Setting Vx.xx.pdf".	132mA	-42dBm
12009023-TDD-B41	TDD-LTE数据业务电流测试(TDD Band41 23dBm) TDD-LTE Band41 23dBm power Datalink	样机设置：单测试白卡，无T卡，关闭BT/WIFI/GPS。 仪器设置：TM3, CellPower= -104dBm, TX power=23dBm, CH40620, BW=20M, all bits up。 测试步骤：请参考 "UNISOC Power Consumption Test operation manual_RF instruments Setting Vx.xx.pdf"。 DUT setting: SIM1: Test card, No TF card, BT/WIFI/GPS off. Instrument seting: TM3, CellPower= -104dBm, TX power=23dBm, CH40620, BW=20M, all bits up. Test steps: please refer to "UNISOC Power Consumption Test operation manual_RF instruments Setting Vx.xx.pdf".	391mA	22.3dBm
12009026-TDD-B41	TDD-LTE数据业务电流测试(TDD Band41 -42dBm) TDD-LTE Band41 -42dBm power Datalink	样机设置：单测试白卡，无T卡，关闭BT/WIFI/GPS。 仪器设置：TM3, CellPower= -60dBm, TX power=-42dBm, CH40620, BW=20M, all bits down。 测试步骤：请参考 "UNISOC Power Consumption Test operation manual_RF instruments Setting Vx.xx.pdf"。 DUT setting: SIM1: Test card, No TF card, BT/WIFI/GPS off. Instrument seting: TM3, CellPower= -60dBm, TX power=-42dBm, CH40620, BW=20M, all bits down. Test steps: please refer to "UNISOC Power Consumption Test operation manual_RF instruments Setting Vx.xx.pdf".	147mA	-43dBm
12009035-FDD-B1	FDD-LTE数据业务电流测试(FDD Band1 23dBm) FDD-LTE Band1 23dBm power Datalink	样机设置：单测试白卡，无T卡，关闭BT/WIFI/GPS。 仪器设置：TM3, CellPower= -104dBm, TX power=23dBm, CH300, BW=20M, all bits up。 测试步骤：请参考 "UNISOC Power Consumption Test operation manual_RF instruments Setting Vx.xx.pdf"。 DUT setting: SIM1: Test card, No TF card, BT/WIFI/GPS off. Instrument seting: TM3, CellPower= -104dBm, TX power=23dBm, CH300, BW=20M, all bits up. Test steps: please refer to "UNISOC Power Consumption Test operation manual_RF instruments Setting Vx.xx.pdf".	768mA	21.3dBm

用例编号/Case ID	测量用例/Test Case	预置条件和测试步骤/Test Condition and steps	典型值/Type	备注/Note
12009038-FDD-B1	FDD-LTE数据业务电流测试(FDD Band1 -42dBm) FDD-LTE Band1 -42dBm power Datalink	样机设置：单测试白卡，无T卡，关闭BT/WIFI/GPS。 仪器设置：TM3, CellPower= -60dBm, TX power=-42dBm, CH300, BW=20M, all bits down。 测试步骤：请参考 "UNISOC Power Consumption Test operation manual_RF instruments Setting Vx.xx.pdf"。 DUT setting: SIM1: Test card, No TF card, BT/WIFI/GPS off. Instrument seting: TM3, CellPower= -60dBm, TX power=-42dBm, CH300, BW=20M, all bits down. Test steps: please refer to "UNISOC Power Consumption Test operation manual_RF instruments Setting Vx.xx.pdf".	202mA	-42dBm
12009035-FDD-B3	FDD-LTE数据业务电流测试(FDD Band3 23dBm) FDD-LTE Band3 23dBm power Datalink	样机设置：单测试白卡，无T卡，关闭BT/WIFI/GPS。 仪器设置：TM3, CellPower= -104dBm, TX power=23dBm, CH1575, BW=20M, all bits up。 测试步骤：请参考 "UNISOC Power Consumption Test operation manual_RF instruments Setting Vx.xx.pdf"。 DUT setting: SIM1: Test card, No TF card, BT/WIFI/GPS off. Instrument seting: TM3, CellPower= -104dBm, TX power=23dBm, CH1575, BW=20M, all bits up. Test steps: please refer to "UNISOC Power Consumption Test operation manual_RF instruments Setting Vx.xx.pdf".	737mA	22.5dBm
12009038-FDD-B3	FDD-LTE数据业务电流测试(FDD Band3 -42dBm) FDD-LTE Band3 -42dBm power Datalink	样机设置：单测试白卡，无T卡，关闭BT/WIFI/GPS。 仪器设置：TM3, CellPower= -60dBm, TX power=-42dBm, CH1575, BW=20M, all bits down。 测试步骤：请参考 "UNISOC Power Consumption Test operation manual_RF instruments Setting Vx.xx.pdf"。 DUT setting: SIM1: Test card, No TF card, BT/WIFI/GPS off. Instrument seting: TM3, CellPower= -60dBm, TX power=-42dBm, CH1575, BW=20M, all bits down. Test steps: please refer to "UNISOC Power Consumption Test operation manual_RF instruments Setting Vx.xx.pdf".	194mA	-42dBm
12009035-FDD-B5	FDD-LTE数据业务电流测试(FDD Band5 23dBm) FDD-LTE Band5 23dBm power Datalink	样机设置：单测试白卡，无T卡，关闭BT/WIFI/GPS。 仪器设置：TM3, CellPower= -104dBm, TX power=23dBm, CH2525, BW=20M, all bits up。 测试步骤：请参考 "UNISOC Power Consumption Test operation manual_RF instruments Setting Vx.xx.pdf"。 DUT setting: SIM1: Test card, No TF card, BT/WIFI/GPS off. Instrument seting: TM3, CellPower= -104dBm, TX power=23dBm, CH2525, BW=20M, all bits up. Test steps: please refer to "UNISOC Power Consumption Test operation manual_RF instruments Setting Vx.xx.pdf".	622mA	22.4dBm
12009038-FDD-B5	FDD-LTE数据业务电流测试(FDD Band5 -42dBm) FDD-LTE Band5 -42dBm power Datalink	样机设置：单测试白卡，无T卡，关闭BT/WIFI/GPS。 仪器设置：TM3, CellPower= -60dBm, TX power=-42dBm, CH2525, BW=20M, all bits down。 测试步骤：请参考 "UNISOC Power Consumption Test operation manual_RF instruments Setting Vx.xx.pdf"。 DUT setting: SIM1: Test card, No TF card, BT/WIFI/GPS off. Instrument seting: TM3, CellPower= -60dBm, TX power=-42dBm, CH2525, BW=20M, all bits down. Test steps: please refer to "UNISOC Power Consumption Test operation manual_RF instruments Setting Vx.xx.pdf".	213mA	-42dBm

用例编号/Case ID	测量用例/Test Case	预置条件和测试步骤/Test Condition and steps	典型值/Type	备注/Note
12009035-FDD-B7	FDD-LTE数据业务电流测试(FDD Band7 23dBm) FDD-LTE Band7 23dBm power Datalink	样机设置：单测试白卡，无T卡，关闭BT/WIFI/GPS。 仪器设置：TM3, CellPower= -104dBm, TX power=23dBm, CH3100, BW=20M, all bits up。 测试步骤：请参考 "UNISOC Power Consumption Test operation manual_RF instruments Setting Vx.xx.pdf"。 DUT setting: SIM1: Test card, No TF card, BT/WIFI/GPS off. Instrument seting: TM3, CellPower= -104dBm, TX power=23dBm, CH3100, BW=20M, all bits up. Test steps: please refer to "UNISOC Power Consumption Test operation manual_RF instruments Setting Vx.xx.pdf".	775mA	21.7dBm
12009038-FDD-B7	FDD-LTE数据业务电流测试(FDD Band7 -42dBm) FDD-LTE Band7 -42dBm power Datalink	样机设置：单测试白卡，无T卡，关闭BT/WIFI/GPS。 仪器设置：TM3, CellPower= -60dBm, TX power=-42dBm, CH3100, BW=20M, all bits down。 测试步骤：请参考 "UNISOC Power Consumption Test operation manual_RF instruments Setting Vx.xx.pdf"。 DUT setting: SIM1: Test card, No TF card, BT/WIFI/GPS off. Instrument seting: TM3, CellPower= -60dBm, TX power=-42dBm, CH3100, BW=20M, all bits down. Test steps: please refer to "UNISOC Power Consumption Test operation manual_RF instruments Setting Vx.xx.pdf".	202mA	-42dBm
12009035-FDD-B8	FDD-LTE数据业务电流测试(FDD Band8 23dBm) FDD-LTE Band8 23dBm power Datalink	样机设置：单测试白卡，无T卡，关闭BT/WIFI/GPS。 仪器设置：TM3, CellPower= -104dBm, TX power=23dBm, CH3625, BW=20M, all bits up。 测试步骤：请参考 "UNISOC Power Consumption Test operation manual_RF instruments Setting Vx.xx.pdf"。 DUT setting: SIM1: Test card, No TF card, BT/WIFI/GPS off. Instrument seting: TM3, CellPower= -104dBm, TX power=23dBm, CH3625, BW=20M, all bits up. Test steps: please refer to "UNISOC Power Consumption Test operation manual_RF instruments Setting Vx.xx.pdf".	727mA	22.5dBm
12009038-FDD-B8	FDD-LTE数据业务电流测试(FDD Band8 -42dBm) FDD-LTE Band8 -42dBm power Datalink	样机设置：单测试白卡，无T卡，关闭BT/WIFI/GPS。 仪器设置：TM3, CellPower= -60dBm, TX power=-42dBm, CH3625, BW=20M, all bits down。 测试步骤：请参考 "UNISOC Power Consumption Test operation manual_RF instruments Setting Vx.xx.pdf"。 DUT setting: SIM1: Test card, No TF card, BT/WIFI/GPS off. Instrument seting: TM3, CellPower= -60dBm, TX power=-42dBm, CH3625, BW=20M, all bits down. Test steps: please refer to "UNISOC Power Consumption Test operation manual_RF instruments Setting Vx.xx.pdf".	218mA	-42dBm
12055001	CMCC 5.1.1 未激活载波聚合/数据下载功耗测试/峰值速率 CMCC 5.1.1 Single Carrier/ Download Power Consumption/Peak Throughput	样机设置：单测试白卡，无T卡，关闭BT/WIFI/GPS。 仪器设置：UXM,B40,20M, Single Carrier / Download Power Consumption / Peak Throughput。 测试步骤：请参考 "UNISOC Power Consumption Test operation manual_RF instruments Setting Vx.xx.pdf"。 DUT setting: SIM1: Test card, No TF card, BT/WIFI/GPS off. Instrument seting: UXM,B40,20M, Single Carrier / Download Power Consumption / Peak Throughput. Test steps: please refer to "UNISOC Power Consumption Test operation manual_RF instruments Setting Vx.xx.pdf".	299mA	90.5Mbps

用例编号/Case ID	测量用例/Test Case	预置条件和测试步骤/Test Condition and steps	典型值/Type	备注/Note
12055002	CMCC 5.1.2 未激活载波聚合/数据下载功耗测试/低速 CMCC 5.1.2 Single Carrier / Download Power Consumption / Low Throughput	样机设置：单测试白卡，无T卡，关闭BT/WIFI/GPS。 仪器设置：UXM,B40,20M, Single Carrier / Download Power Consumption / Low Throughput。 测试步骤：请参考 "UNISOC Power Consumption Test operation manual_RF instruments Setting Vx.xx.pdf"。 DUT setting: SIM1: Test card, No TF card, BT/WIFI/GPS off. Instrument seting: UXM,B40,20M, Single Carrier / Download Power Consumption / Low Throughput. Test steps: please refer to "UNISOC Power Consumption Test operation manual_RF instruments Setting Vx.xx.pdf".	250mA	10.5Mbps
12055003	CMCC 5.1.3 同频段连续载波聚合/数据下载功耗测试（CA_39C）/峰值速率 CMCC 5.1.3 Intra-band Contiguous CA / Download Power Consumption (CA_39C) /Peak Throughput	样机设置：单测试白卡，无T卡，关闭BT/WIFI/GPS。 仪器设置：UXM,B39,20M+10M, Intra-band Contiguous CA / Download Power Consumption (CA_39C) /Peak Throughput。 测试步骤：请参考 "UNISOC Power Consumption Test operation manual_RF instruments Setting Vx.xx.pdf"。 DUT setting: SIM1: Test card, No TF card, BT/WIFI/GPS off. Instrument seting: UXM,B39,20M+10M, Intra-band Contiguous CA / Download Power Consumption (CA_39C) /Peak Throughput. Test steps: please refer to "UNISOC Power Consumption Test operation manual_RF instruments Setting Vx.xx.pdf".	294mA	114Mbps
12055004	CMCC 5.1.4 同频段连续载波聚合/数据下载功耗测试（CA_39C）/中速 CMCC 5.1.4 Intra-band Contiguous CA / Download Power Consumption (CA_39C) /Medium Throughput	样机设置：单测试白卡，无T卡，关闭BT/WIFI/GPS。 仪器设置：UXM,B39,20M+10M,Intra-band Contiguous CA / Download Power Consumption (CA_39C) /Medium Throughput。 测试步骤：请参考 "UNISOC Power Consumption Test operation manual_RF instruments Setting Vx.xx.pdf"。 DUT setting: SIM1: Test card, No TF card, BT/WIFI/GPS off. Instrument seting: UXM,B39,20M+10M,Intra-band Contiguous CA / Download Power Consumption (CA_39C) /Medium Throughput. Test steps: please refer to "UNISOC Power Consumption Test operation manual_RF instruments Setting Vx.xx.pdf".	287mA	71Mbps
12055005	CMCC 5.1.5 同频段连续载波聚合/数据下载功耗测试（CA_39C）/低速 CMCC 5.1.5 Intra-band Contiguous CA /Download Power Consumption (CA_39C) /Low Throughput	样机设置：单测试白卡，无T卡，关闭BT/WIFI/GPS。 仪器设置：UXM,B39,20M+10M,Intra-band Contiguous CA /Download Power Consumption (CA_39C) / Low Throughput。 测试步骤：请参考 "UNISOC Power Consumption Test operation manual_RF instruments Setting Vx.xx.pdf"。 DUT setting: SIM1: Test card, No TF card, BT/WIFI/GPS off. Instrument seting: UXM,B39,20M+10M,Intra-band Contiguous CA /Download Power Consumption (CA_39C) / Low Throughput. Test steps: please refer to "UNISOC Power Consumption Test operation manual_RF instruments Setting Vx.xx.pdf".	260mA	10.8Mbps
12055006	CMCC 5.1.6 同频段连续载波聚合/数据下载功耗测试（CA_40C）/峰值速率 CMCC 5.1.6 Intra-band Contiguous CA / Download Power Consumption(CA_40C) / Peak Throughput	样机设置：单测试白卡，无T卡，关闭BT/WIFI/GPS。 仪器设置：UXM,B40,20M+20M, Intra-band Contiguous CA / Download Power Consumption(CA_40C) / Peak Throughput。 测试步骤：请参考 "UNISOC Power Consumption Test operation manual_RF instruments Setting Vx.xx.pdf"。 DUT setting: SIM1: Test card, No TF card, BT/WIFI/GPS off. Instrument seting: UXM,B40,20M+20M, Intra-band Contiguous CA / Download Power Consumption(CA_40C) / Peak Throughput. Test steps: please refer to "UNISOC Power Consumption Test operation manual_RF instruments Setting Vx.xx.pdf".	316mA	186Mbps

用例编号/Case ID	测量用例/Test Case	预置条件和测试步骤/Test Condition and steps	典型值/Type	备注/Note
12055007	CMCC 5.1.7 同频段连续载波聚合/数据下载功耗测试（CA_40C）/中速 CMCC 5.1.7 Intra-band Contiguous CA / Download Power Consumption(CA_40C) / Medium Throughput	样机设置：单测试白卡，无T卡，关闭BT/WIFI/GPS。 仪器设置：UXM,B40,20M+20M, Intra-band Contiguous CA / Download Power Consumption(CA_40C) / Medium Throughput。 测试步骤：请参考 "UNISOC Power Consumption Test operation manual_RF instruments Setting Vx.xx.pdf"。 DUT setting: SIM1: Test card, No TF card, BT/WIFI/GPS off. Instrument seting: UXM,B40,20M+20M, Intra-band Contiguous CA / Download Power Consumption(CA_40C) / Medium Throughput. Test steps: please refer to "UNISOC Power Consumption Test operation manual_RF instruments Setting Vx.xx.pdf".	317mA	83Mbps
12055008	CMCC 5.1.8 同频段连续载波聚合/数据下载功耗测试（CA_40C）/低速 CMCC 5.1.8 Intra-band Contiguous CA / Download Power Consumption(CA_40C) / Low Throughput	样机设置：单测试白卡，无T卡，关闭BT/WIFI/GPS。 仪器设置：UXM,B40,20M+20M,Intra-band Contiguous CA / Download Power Consumption(CA_40C) / Low Throughput。 测试步骤：请参考 "UNISOC Power Consumption Test operation manual_RF instruments Setting Vx.xx.pdf"。 DUT setting: SIM1: Test card, No TF card, BT/WIFI/GPS off. Instrument seting: UXM,B40,20M+20M,Intra-band Contiguous CA / Download Power Consumption(CA_40C) / Low Throughput. Test steps: please refer to "UNISOC Power Consumption Test operation manual_RF instruments Setting Vx.xx.pdf".	266mA	10.5Mbps
12055009	CMCC 5.1.9 跨频段载波聚合/数据下载功耗测试（CA_39A-41A）/峰值速率 CMCC 5.1.9 Inter-band Contiguous CA / Download Power Consumption(CA_39A-41A) / Peak Throughput	样机设置：单测试白卡，无T卡，关闭BT/WIFI/GPS。 仪器设置：UXM,B39+B41,20M+20M,Inter-band Contiguous CA / Download Power Consumption(CA_39A-41A) / Peak Throughput。 测试步骤：请参考 "UNISOC Power Consumption Test operation manual_RF instruments Setting Vx.xx.pdf"。 DUT setting: SIM1: Test card, No TF card, BT/WIFI/GPS off. Instrument seting: UXM,B39+B41,20M+20M,Inter-band Contiguous CA / Download Power Consumption(CA_39A-41A) / Peak Throughput. Test steps: please refer to "UNISOC Power Consumption Test operation manual_RF instruments Setting Vx.xx.pdf".	362mA	171Mbps
12055010	CMCC 5.1.10 跨频段载波聚合/数据下载功耗测试（CA_39A-41A）/中速 CMCC 5.1.10 Inter-band Contiguous CA / Download Power Consumption(CA_39A-41A) / Medium Throughput	样机设置：单测试白卡，无T卡，关闭BT/WIFI/GPS。 仪器设置：UXM,B39+B41,20M+20M,Inter-band Contiguous CA / Download Power Consumption(CA_39A-41A) / Medium Throughput。 测试步骤：请参考 "UNISOC Power Consumption Test operation manual_RF instruments Setting Vx.xx.pdf"。 DUT setting: SIM1: Test card, No TF card, BT/WIFI/GPS off. Instrument seting: UXM,B39+B41,20M+20M,Inter-band Contiguous CA / Download Power Consumption(CA_39A-41A) / Medium Throughput. Test steps: please refer to "UNISOC Power Consumption Test operation manual_RF instruments Setting Vx.xx.pdf".	344mA	80Mbps
12055011	CMCC 5.1.11 跨频段载波聚合/数据下载功耗测试（CA_39A-41A）/低速 CMCC 5.1.11 Inter-band Contiguous CA / Download Power Consumption(CA_39A-41A) / Low Throughput	样机设置：单测试白卡，无T卡，关闭BT/WIFI/GPS。 仪器设置：UXM,B39+B41,20M+20M,Inter-band Contiguous CA / Download Power Consumption(CA_39A-41A) / Low Throughput。 测试步骤：请参考 "UNISOC Power Consumption Test operation manual_RF instruments Setting Vx.xx.pdf"。 DUT setting: SIM1: Test card, No TF card, BT/WIFI/GPS off. Instrument seting: UXM,B39+B41,20M+20M,Inter-band Contiguous CA / Download Power Consumption(CA_39A-41A) / Low Throughput. Test steps: please refer to "UNISOC Power Consumption Test operation manual_RF instruments Setting Vx.xx.pdf".	304mA	12Mbps

用例编号/Case ID	测量用例/Test Case	预置条件和测试步骤/Test Condition and steps	典型值/Type	备注/Note
12055012	CMCC 5.2.1 未激活载波聚合/数据上传功耗测试/峰值速率 CMCC 5.2.1 Single Carrier/ Upload Power Consumption/Peak Throughput	样机设置：单测试白卡，无T卡，关闭BT/WIFI/GPS。 仪器设置：UXM,B40,20M,Single Carrier/ Upload Power Consumption/Peak Throughput。 测试步骤：请参考 "UNISOC Power Consumption Test operation manual_RF instruments Setting Vx.xx.pdf"。 DUT setting: SIM1: Test card, No TF card, BT/WIFI/GPS off. Instrument seting: UXM,B40,20M,Single Carrier/ Upload Power Consumption/Peak Throughput. Test steps: please refer to "UNISOC Power Consumption Test operation manual_RF instruments Setting Vx.xx.pdf".	262mA	10.17Mbps
12055013	CMCC 5.2.2 未激活载波聚合/数据上传功耗测试/低速 CMCC 5.2.2 Single Carrier/ Upload Power Consumption/Low Throughput	样机设置：单测试白卡，无T卡，关闭BT/WIFI/GPS。 仪器设置：UXM,B40,20M,Single Carrier/ Upload Power Consumption/Low Throughput。 测试步骤：请参考 "UNISOC Power Consumption Test operation manual_RF instruments Setting Vx.xx.pdf"。 DUT setting: SIM1: Test card, No TF card, BT/WIFI/GPS off. Instrument seting: UXM,B40,20M,Single Carrier/ Upload Power Consumption/Low Throughput. Test steps: please refer to "UNISOC Power Consumption Test operation manual_RF instruments Setting Vx.xx.pdf".	252mA	1.98Mbps
12055014	CMCC 5.2.3 同频段连续载波聚合/数据上传功耗测试（CA_39C）/峰值速率 CMCC 5.2.3 Intra-band Contiguous CA / Upload Power Consumption (CA_39C) /Peak Throughput	样机设置：单测试白卡，无T卡，关闭BT/WIFI/GPS。 仪器设置：UXM,B39,20M+10M,CA_39C/ Upload Power Consumption /Peak Throughput。 测试步骤：请参考 "UNISOC Power Consumption Test operation manual_RF instruments Setting Vx.xx.pdf"。 DUT setting: SIM1: Test card, No TF card, BT/WIFI/GPS off. Instrument seting: UXM,B39,20M+10M,CA_39C/ Upload Power Consumption /Peak Throughput. Test steps: please refer to "UNISOC Power Consumption Test operation manual_RF instruments Setting Vx.xx.pdf".	275mA	15.25Mbps
12055015	CMCC 5.2.4 同频段连续载波聚合/数据上传功耗测试（CA_39C）/低速 CMCC 5.2.4 Intra-band Contiguous CA / Upload Power Consumption (CA_39C) /Low Throughput	样机设置：单测试白卡，无T卡，关闭BT/WIFI/GPS。 仪器设置：UXM,B39,20M+10M,CA_39C / Upload Power Consumption /Low Throughput。 测试步骤：请参考 "UNISOC Power Consumption Test operation manual_RF instruments Setting Vx.xx.pdf"。 DUT setting: SIM1: Test card, No TF card, BT/WIFI/GPS off. Instrument seting: UXM,B39,20M+10M,CA_39C / Upload Power Consumption /Low Throughput. Test steps: please refer to "UNISOC Power Consumption Test operation manual_RF instruments Setting Vx.xx.pdf".	263mA	1.97Mbps
12055016	CMCC 5.2.5 同频段连续载波聚合/数据上传功耗测试（CA_40C）/峰值速率 CMCC 5.2.5 Intra-band Contiguous CA / Upload Power Consumption (CA_40C) /Peak Throughput	样机设置：单测试白卡，无T卡，关闭BT/WIFI/GPS。 仪器设置：UXM,B40,20M+20M,CA_40C / Upload Power Consumption / Peak Throughput。 测试步骤：请参考 "UNISOC Power Consumption Test operation manual_RF instruments Setting Vx.xx.pdf"。 DUT setting: SIM1: Test card, No TF card, BT/WIFI/GPS off. Instrument seting: UXM,B40,20M+20M,CA_40C / Upload Power Consumption / Peak Throughput. Test steps: please refer to "UNISOC Power Consumption Test operation manual_RF instruments Setting Vx.xx.pdf".	281mA	20.35Mbps

用例编号/Case ID	测量用例/Test Case	预置条件和测试步骤/Test Condition and steps	典型值/Type	备注/Note
12055017	CMCC 5.2.6 同频段连续载波聚合/数据上传功耗测试（CA_40C）/低速 CMCC 5.2.6 Intra-band Contiguous CA / Upload Power Consumption (CA_40C) /Low Throughput	样机设置：单测试白卡，无T卡，关闭BT/WIFI/GPS。 仪器设置：UXM,B40,20M+20M,CA_40C / Upload Power Consumption /Low Throughput。 测试步骤：请参考 "UNISOC Power Consumption Test operation manual_RF instruments Setting Vx.xx.pdf"。 DUT setting: SIM1: Test card, No TF card, BT/WIFI/GPS off. Instrument seting: UXM,B40,20M+20M,CA_40C / Upload Power Consumption /Low Throughput. Test steps: please refer to "UNISOC Power Consumption Test operation manual_RF instruments Setting Vx.xx.pdf".	271mA	1.98Mbps
12055020	CMCC 5.3.1 同频段连续载波聚合/数据上传下载共存功耗测试（CA_39C）/峰值速率 CMCC 5.3.1 Intra-band Contiguous CA /Bidirectional Power Consumption (CA_39C) /Peak Throughput	样机设置：单测试白卡，无T卡，关闭BT/WIFI/GPS。 仪器设置：UXM,B39,20M+10M,CA_39C/Bidirectional Power Consumption /Peak Throughput。 测试步骤：请参考 "UNISOC Power Consumption Test operation manual_RF instruments Setting Vx.xx.pdf"。 DUT setting: SIM1: Test card, No TF card, BT/WIFI/GPS off. Instrument seting: UXM,B39,20M+10M,CA_39C/Bidirectional Power Consumption /Peak Throughput. Test steps: please refer to "UNISOC Power Consumption Test operation manual_RF instruments Setting Vx.xx.pdf".	421mA	162.4Mbps/15.21Mbps
12055021	CMCC 5.3.2 同频段连续载波聚合/数据上传下载共存功耗测试（CA_39C）/低速 CMCC 5.3.2 Intra-band Contiguous CA /Bidirectional Power Consumption (CA_39C) /Low Throughput	样机设置：单测试白卡，无T卡，关闭BT/WIFI/GPS。 仪器设置：UXM,B39,20M+10M,CA_39C/Bidirectional Power Consumption /Low Throughput。 测试步骤：请参考 "UNISOC Power Consumption Test operation manual_RF instruments Setting Vx.xx.pdf"。 DUT setting: SIM1: Test card, No TF card, BT/WIFI/GPS off. Instrument seting: UXM,B39,20M+10M,CA_39C/Bidirectional Power Consumption /Low Throughput. Test steps: please refer to "UNISOC Power Consumption Test operation manual_RF instruments Setting Vx.xx.pdf".	304mA	16Mbps/1.97Mbps
12055022	CMCC 5.3.3 同频段连续载波聚合/数据上传下载共存功耗测试（CA_41C）/峰值速率 CMCC 5.3.3 Intra-band Contiguous CA /Bidirectional Power Consumption (CA_41C) /Peak Throughput	样机设置：单测试白卡，无T卡，关闭BT/WIFI/GPS。 仪器设置：UXM,B41,20M+20M,CA_41C/Bidirectional Power Consumption /Peak Throughput。 测试步骤：请参考 "UNISOC Power Consumption Test operation manual_RF instruments Setting Vx.xx.pdf"。 DUT setting: SIM1: Test card, No TF card, BT/WIFI/GPS off. Instrument seting: UXM,B41,20M+20M,CA_41C/Bidirectional Power Consumption /Peak Throughput. Test steps: please refer to "UNISOC Power Consumption Test operation manual_RF instruments Setting Vx.xx.pdf".	366mA	224Mbps/20.3Mbps
12055023	CMCC 5.3.4 同频段连续载波聚合/数据上传下载共存功耗测试（CA_41C）/低速 CMCC 5.3.4 Intra-band Contiguous CA /Bidirectional Power Consumption (CA_41C) /Low Throughput	样机设置：单测试白卡，无T卡，关闭BT/WIFI/GPS。 仪器设置：UXM,B41,20M+20M,CA_41C/Bidirectional Power Consumption /Low Throughput。 测试步骤：请参考 "UNISOC Power Consumption Test operation manual_RF instruments Setting Vx.xx.pdf"。 DUT setting: SIM1: Test card, No TF card, BT/WIFI/GPS off. Instrument seting: UXM,B41,20M+20M,CA_41C/Bidirectional Power Consumption /Low Throughput. Test steps: please refer to "UNISOC Power Consumption Test operation manual_RF instruments Setting Vx.xx.pdf".	314mA	14Mbps/1.97Mbps

用例编号/Case ID	测量用例/Test Case	预置条件和测试步骤/Test Condition and steps	典型值/Type	备注/Note
12078004	NSA-5G上行功耗测试 - 低速率（Power Consumption with UL Data Transfer(10Mbps)，NSA(SCG-64QAM))	1.终端开机，插入测试白卡，无T卡，关闭BT/WIFI/GPS。电脑PRT软件加载自动化测试脚本《CMCC_NSA_9.4.4.1.1.kssc》。 2. 使用IPerf客户端，从UE端开始IPerf上传（查看并保证UE后台除IPerf外无其他应用运行），UE灭屏，等待1~2分钟。 3. 开启电流测试，测试3分钟后停止，保存电流计log并记录期间平均电流值和上传速率（IP层速率），关闭IPerf客户端。 4. 重复第1~2步完成一次迭代。 5. 计算应用层在上行信道上所有文件迭代传输过程中的平均数据吞吐量数值T，两次平均电流的均值C。 具体测试步骤：请参考 "UNISOC Power Consumption Test operation manual_RF instruments Setting Vx.xx.pdf"。	490mA	
12078005	NSA-5G上行功耗测试 - 高速率（Power Consumption with UL Data Transfer(90Mbps），NSA(SCG-64QAM))	1.终端开机，插入测试白卡，无T卡，关闭BT/WIFI/GPS。电脑PRT软件加载自动化测试脚本《CMCC_NSA_9.4.4.1.2.kssc》。 2. 使用IPerf客户端，从UE端开始IPerf上传（查看并保证UE后台除IPerf外无其他应用运行），UE灭屏，等待1~2分钟。 3. 开启电流测试，测试3分钟后停止，保存电流计log并记录期间平均电流值和上传速率（IP层速率），关闭IPerf客户端。 4. 重复第1~2步完成一次迭代。 5. 计算应用层在上行信道上所有文件迭代传输过程中的平均数据吞吐量数值T，两次平均电流的均值C。 具体测试步骤：请参考 "UNISOC Power Consumption Test operation manual_RF instruments Setting Vx.xx.pdf"。	529mA	
12078006	NSA-5G上行功耗测试 - 分流高速（64QAM） Power Consumption with UL Data Transfer（90Mbps+10Mbps），NSA(MCG&SCG-64QAM)	1.终端开机，插入测试白卡，无T卡，关闭BT/WIFI/GPS。电脑PRT软件加载自动化测试脚本《CMCC_NSA_9.4.4.2.kssc》， 2. 使用IPerf客户端，从UE端开始IPerf上传（查看并保证UE后台除IPerf外无其他应用运行），UE灭屏，等待1~2分钟。 3. 开启电流测试，测试3分钟后停止，保存电流计log并记录期间平均电流值和上传速率（IP层速率），关闭IPerf客户端。 4. 重复第1~2步完成一次迭代。 5. 计算应用层在上行信道上所有文件迭代传输过程中的平均数据吞吐量数值T，两次平均电流的均值C。 具体测试步骤：请参考 "UNISOC Power Consumption Test operation manual_RF instruments Setting Vx.xx.pdf"。	723mA	
12078007	NSA-5G下载功耗测试 - 低速率（Power Consumption with DL Data Transfer(100Mbps)，NSA(SCG-64QAM))	1.终端开机，插入测试白卡，无T卡，关闭BT/WIFI/GPS。电脑PRT软件加载自动化测试脚本《CMCC_NSA_9.4.5.1.kssc》。 2. 使用IPerf客户端，从应用服务器上开始IPerf下载（查看并保证UE后台除IPerf外无其他应用运行），UE灭屏，等待1~2分钟。 3. 开启电流测试，测试3分钟后停止，保存电流计log并记录期间平均电流值和下载速率（IP层速率），关闭IPerf客户端。 4. 重复第1~2步完成一次迭代。 5. 计算应用层在下行信道上所有文件迭代传输过程中的平均数据吞吐量数值T，两次平均电流的均值C。 具体测试步骤：请参考 "UNISOC Power Consumption Test operation manual_RF instruments Setting Vx.xx.pdf"。	529mA	
12078008	NSA-5G下载功耗测试 - 中速率（Power Consumption with DL Data Transfer(400Mbps)，NSA(SCG-256QAM)))	1.终端开机，插入测试白卡，无T卡，关闭BT/WIFI/GPS。电脑PRT软件加载自动化测试脚本《CMCC_NSA_9.4.5.3.1.kssc》 。 2. 使用IPerf客户端，从应用服务器上开始IPerf下载（查看并保证UE后台除IPerf外无其他应用运行），UE灭屏，等待1~2分钟。 3. 开启电流测试，测试3分钟后停止，保存电流计log并记录期间平均电流值和下载速率（IP层速率），关闭IPerf客户端。 4. 重复第1~2步完成一次迭代。 5. 计算应用层在下行信道上所有文件迭代传输过程中的平均数据吞吐量数值T，两次平均电流的均值C。 具体测试步骤：请参考 "UNISOC Power Consumption Test operation manual_RF instruments Setting Vx.xx.pdf"。	602mA	

用例编号/Case ID	测量用例/Test Case	预置条件和测试步骤/Test Condition and steps	典型值/Type	备注/Note
12078009	NSA-5G下载功耗测试 - 高速率（Power Consumption with DL Data Transfer(800Mbps)，NSA(SCG-256QAM))	1.终端开机，插入测试白卡，无T卡，关闭BT/WIFI/GPS。电脑PRT软件加载自动化测试脚本《CMCC_NSA_9.4.5.3.2.kssc》 。 2. 使用IPerf客户端，从应用服务器上开始IPerf下载（查看并保证UE后台除IPerf外无其他应用运行），UE灭屏，等待1~2分钟。 3. 开启电流测试，测试3分钟后停止，保存电流计log并记录期间平均电流值和下载速率（IP层速率），关闭IPerf客户端。 4. 重复第1~2步完成一次迭代。 5. 计算应用层在下行信道上所有文件迭代传输过程中的平均数据吞吐量数值T，两次平均电流的均值C。 具体测试步骤：请参考 "UNISOC Power Consumption Test operation manual_RF instruments Setting Vx.xx.pdf"。	657mA	
12078010	NSA-5G下载功耗测试 - 超高速率（Power Consumption with DL Data Transfer(1200Mbps)，NSA(SCG-256QAM))	1.终端开机，插入测试白卡，无T卡，关闭BT/WIFI/GPS。电脑PRT软件加载自动化测试脚本《CMCC_NSA_9.4.5.3.3.kssc》。 2. 使用IPerf客户端，从应用服务器上开始IPerf下载（查看并保证UE后台除IPerf外无其他应用运行），UE灭屏，等待1~2分钟。 3. 开启电流测试，测试3分钟后停止，保存电流计log并记录期间平均电流值和下载速率（IP层速率），关闭IPerf客户端。 4. 重复第1~2步完成一次迭代。 5. 计算应用层在下行信道上所有文件迭代传输过程中的平均数据吞吐量数值T，两次平均电流的均值C。 具体测试步骤：请参考 "UNISOC Power Consumption Test operation manual_RF instruments Setting Vx.xx.pdf"。	738mA	
12078011	NSA-5G下载功耗测试 - 分流高速率（Power Consumption with DL Data Transfer(800Mbps)(LTE 50 Mbps + NR 800Mbps)，NSA(MCG&SCG-256QAM))	1.终端开机，插入测试白卡，无T卡，关闭BT/WIFI/GPS。电脑PRT软件加载自动化测试脚本《CMCC_NSA_9.4.5.4.1.kssc》 。 2. 使用IPerf客户端，从应用服务器上开始IPerf下载（查看并保证UE后台除IPerf外无其他应用运行），UE灭屏，等待1~2分钟。 3. 开启电流测试，测试3分钟后停止，保存电流计log并记录期间平均电流值和下载速率（IP层速率），关闭IPerf客户端。 4. 重复第1~2步完成一次迭代。 5. 计算应用层在下行信道上所有文件迭代传输过程中的平均数据吞吐量数值T，两次平均电流的均值C。 具体测试步骤：请参考 "UNISOC Power Consumption Test operation manual_RF instruments Setting Vx.xx.pdf"。	872mA	
12017001	开启GPS的待机电流 Standby current with GPS	飞行模式，无SIM卡，单TF卡，打开GPS，待机模式(灭屏)后3分钟，测量3分钟内的平均电流。 Flight mode,No SIM card, A TF card,With GPS open, The DTU goes into standby mode with LCD off,After 3 mins,Measure the average current in 3 minutes.	5.81mA	
12017002	GPS搜星电流 GPS current in searching state	暗室中，飞行模式，无SIM卡，单TF卡，屏幕最暗，首先，打开GPS，打开GPSTEST工具，使其处于搜星状态，测量3分钟内的平均电流；其次，关闭GPS，打开GPSTEST工具，测量3分钟内的平均电流；最后求取两平均值之差。 In shielding room,Flight mode, No sim card, A TF card, With the darkest backlight, First,Open the GPS switch,and the GPSTEST tool in searching state,Measure the average current during 3 mins; Sencond, Close the GPS switch, and open the GPSTEST tool, Measure the average current during 3 mins;Third, Calculate the differential value of the two current.	154mA	
12017006	GPS追踪电流 GPS current in tracking state	暗室中，飞行模式，无SIM卡，单TF卡，屏幕最暗，首先，打开GPS，打开GPSTEST工具，使其处于定位（完成）状态，测量3分钟内的平均电流；其次，关闭GPS，打开GPSTEST工具，测量3分钟内的平均电流；最后求取两平均值之差。 In shielding room,Flight mode, No sim card, A TF card, With the darkest backlight, First,Open the GPS switch,and the GPSTEST tool in tracking state, Measure the average current during 3 mins; Sencond, Close the GPS switch, and open the GPSTEST tool, Measure the average current during 3 mins;Third, Calculate the differential value of the two current.	156mA	

用例编号/Case ID	测量用例/Test Case	预置条件和测试步骤/Test Condition and steps	典型值/Type	备注/Note
12018001	WiFi开启不连接的待机电流 Standby current with WIFI	飞行模式，无SIM卡，单TF卡，打开WIFI，不连接路由器，待机模式(灭屏)后3分钟，测量3分钟内的平均电流。 Flight mode,No SIM card, A TF card,With WIFI open, The DTU goes into standby mode with LCD off,After 3 mins,Measure the average current in 3 minutes.	6.85mA	
12018002	WiFi连接后的待机电流(2.4G) (无GMS版本软件) Standby current with 2.4G WIFI, AP connecting and no GMS SW version	无GMS包的软件，飞行模式，无SIM卡，单TF卡，DTIM=1，打开WIFI，连接测量路由器，待机模式(灭屏)后3分钟，测量3分钟内的平均电流。 No GMS SW version, Flight mode,No SIM card, A TF card, DTIM=1,With WIFI switch open, AP connecting ,The DTU goes into standby mode with LCD off,After 3 mins,Measure the average current in 3 minutes.	7.35mA	
12018019	WiFi连接后的待机电流(5G) (无GMS版本软件) Standby current with 5G WIFI, AP connecting and no GMS SW version	无GMS包的软件，飞行模式，无SIM卡，单TF卡，DTIM=1，打开WIFI，连接测量路由器，待机模式(灭屏)后3分钟，测量3分钟内的平均电流。 No GMS SW version, Flight mode,No SIM card, A TF card, DTIM=1,With WIFI switch open, AP connecting ,The DTU goes into standby mode with LCD off,After 3 mins,Measure the average current in 3 minutes.	7.59mA	
12018004	WIFI下载电流 Current of download via WIFI	飞行模式，无SIM卡，无TF卡，DTIM=1，打开WIFI，连接测量路由器，打开默认浏览器，登录http://down.sina.cn下载文件保存到手机内存，待机模式(灭屏)后1分钟，测量3分钟平均电流。 Flight mode,No SIM card, No TF card, DTIM=1,With WIFI switch open, AP connecting ,Open the default browser, Log on to http://down.sina.cn and Download some document to the internal storage,The DTU goes into standby mode with LCD off,After 1 mins,Measure the average current in 3 minutes.	166mA	0.5M/s
12018014	WIFI iperf下载电流 WIFI iperf Download	飞行模式，无SIM卡，无TF卡，DTIM=1，打开WIFI，连接2.4G测量路由器；手机端安装iperf version 2.06并安装，iperf参数：-i -u , iperf 开启监听；测试partner（PC机）与手机处于同一局域网中，cmd 启动iperf测试：iperf -c 192.168.1.2 -i -t 1800 -b 24m -u ; iperf建立传输链接，待机模式(灭屏)后1分钟，测量3分钟平均电流。 Flight mode,No SIM card, No TF card, DTIM=1,With WIFI switch open, 2.4G AP connecting; On the DTU, Install the iperf 2.06 ,turn on iperf listening with -i -u setting; On the partner PC, use CMD: iperf -c 192.168.1.2-i -t 1800 -b 24m -u , to build transmission link. The DTU goes into standby mode with LCD off,After 1 mins,Measure the average current in 3 minutes.	137mA	24.0Mbit/s
12018020	WIFI iperf下载电流-5G WIFI iperf Download	飞行模式，无SIM卡，无TF卡，DTIM=1，打开WIFI，连接5G测量路由器；手机端安装iperf version 2.06并安装，iperf参数：-i -u , iperf 开启监听；测试partner（PC机）与手机处于同一局域网中，cmd 启动iperf测试：iperf -c 192.168.1.2 -i -t 1800 -b 100m -u ; iperf建立传输链接，待机模式(灭屏)后1分钟，测量3分钟平均电流。 Flight mode,No SIM card, No TF card, DTIM=1,With WIFI switch open, 5G AP connecting; On the DTU, Install the iperf 2.06 ,turn on iperf listening with -i -u setting; On the partner PC, use CMD: iperf -c 192.168.1.2-i -t 1800 -b 100m -u , to build transmission link. The DTU goes into standby mode with LCD off,After 1 mins,Measure the average current in 3 minutes.	190mA	76.5Mbits/s
12018013	WIFI在线视频电流 Current of online Video via WIFI	飞行模式，无SIM卡，单TF卡，系统自带播放器，全屏，背光最暗，音量最小，外放模式，DTIM=1，打开WIFI，自带播放器播放服务器上指定视频文件(480P，倒霉熊D-4.mp4)，测量3分钟平均电流。 Flight mode,No SIM card, A TF card, Default video Player ,Full screen with the darkest backlight,0 level Volume,Speaker mode, DTIM=1,With WIFI switch open, Play the special video(480P size,倒霉熊D-4.mp4) from server via WIFI,Measure the average current in 3 minutes.	261mA	

用例编号/Case ID	测量用例/Test Case	预置条件和测试步骤/Test Condition and steps	典型值/Type	备注/Note
12018013-720P	WIFI在线视频电流-720P Current of online Video via WIFI	飞行模式，无SIM卡，单TF卡，系统自带播放器，全屏，背光最暗，音量最小，外放模式，DTIM=1，打开WIFI，自带播放器播放服务器上指定视频文件(720P，4hd_other_samsung_colorful_variety_h264_720p_HP_3M.mp4)，测量3分钟平均电流。 Flight mode,No SIM card, A TF card, Default video Player ,Full screen with the darkest backlight,0 level Volume,Speaker mode, DTIM=1,With WIFI switch open, Play the special video(720P size, 4hd_other_samsung_colorful_variety_h264_720p_HP_3M.mp4) from server via WIFI,Measure the average current in 3 minutes.	268mA	
12018007	开启WiFi热点且有其他手机连接的待机电流 Current with SoftAP connected	不带GMS包的软件，SIM1联通4G卡，1张TF卡，打开3G/4G数据连接，打开WIFI，打开并配置softAP，使用另一台的手机连接DUT的softAP，待机模式(灭屏)后3分钟,测量3分钟内的平均电流。 No GMS SW version,SIM1: a sim card of CUCC 4G,A TF card, With the 3G/4G datalink switch open, the WIFI switch open, and the softAP configured, Use another moble phone to connect the softAP of the DTU,The DTU goes into standby mode with LCD off,After 3 mins,Measure the average current in 3 minutes.	97.9mA	
12020013	蓝牙耳机配对后的待机 Standby current with BT headset connected	飞行模式，无SIM卡，1张TF卡，BT Beacon=500ms，打开蓝牙,关闭WIFI，连接蓝牙耳机，待机模式(灭屏)后3分钟，测量3分钟内的平均电流。 Flight mode, no SIM card, A TF card,BT Beacon=500ms, With BT open and WIFI closed,Connect the BT headset to the DTU,The DTU goes into standby mode with LCD off,After 3 mins,Measure the average current in 3 minutes.	7.62mA	
12020015	蓝牙耳机播放音乐的功耗 Current with play MP3 via BT headset	飞行模式，无SIM卡，1张TF卡，最小音量（0级），打开蓝牙，关闭WIFI，连接蓝牙耳机，播放专用测量mp3歌曲（Working Life.MP3,采样率44.1KHz,码率128Kbps），待机模式(灭屏)后3分钟,测量3分钟内的平均电流。 Flight mode, no SIM card, A TF card,0 level Volume,With BT open and WIFI closed,Connect the BT headset to the DTU,Play the special MP3(Working Life.MP3,sample rate 44.1KHz,bit rate128Kbps), The DTU goes into standby mode with LCD off,After 3 mins,Measure the average current in 3 minutes.	50.3mA	
12020020	蓝牙耳机人工网络通话的功耗 Voice call current via BT headset	1张测量SIM卡，1张TF卡，人工网络，“GSM900 最小功率通话”设置，PCL=19，打开蓝牙，关闭WIFI，连接蓝牙耳机，和仪器通话，待机模式(灭屏)后3分钟，测量3分钟内的平均电流。 A test SIM card, A TF card,0 level Volume,"GSM900 min power call setting,PCL=19, With BT open and WIFI closed,Connect the BT headset to the DTU,Call the instrument, The DTU goes into standby mode with LCD off,After 3 mins,Measure the average current in 3 minutes.	127mA	2.88dBm
12020005	BT发送文件电流 Current with BT sending	飞行模式,无SIM卡,1张TF卡，打开蓝牙,关闭WIFI,和参考手机配对连接,将待测手机TF卡中指定文件发送给参考手机，待机模式(灭屏)后,测量3分钟内的平均电流，并记录传输速率。 Flight mode, no SIM card, A TF card,With BT open and WIFI closed,Connect another mobile phone via BT,Send the special documents from the DTU to the partner,The DTU goes into standby mode with LCD off,After 3 mins,Measure the average current in 3 minutes.	86.5mA	0.14M/s
12020006	BT接收文件电流 Current with BT receiving	飞行模式，无SIM卡，1张TF卡，打开蓝牙，关闭WIFI,和参考手机配对连接,将参考手机中指定文件发送给待测手机并保存在TF卡中，待机模式(灭屏)后,测量3分钟内的平均电流，并记录传输速率。 Flight mode, no SIM card, A TF card,With BT open and WIFI closed,Connect another mobile phone via BT,Receive the special documents from the partner to the DTU,The DTU goes into standby mode with LCD off,After 3 mins,Measure the average current in 3 minutes.	72.1mA	0.098M/s

用例编号/Case ID	测量用例/Test Case	预置条件和测试步骤/Test Condition and steps	典型值/Type	备注/Note
12066001	WIFI和BT开启但不连接时待机电流 Standby current with WIFI and BT open	飞行模式，无SIM卡，1张TF卡， WIFI DTIM=1，打开蓝牙和WIFI,不连接蓝牙和WIFI设备，待机模式(灭屏)后3分钟，测量3分钟内的平均电流。 Flight mode, no SIM card, A TF card, WIFI DTIM=1,With BT and WIFI open,But without BT and WIFI connected,The DTU goes into standby mode with LCD off,After 3 mins,Measure the average current in 3 minutes.	8.06mA	
12066002	WIFI和BT开启并连接时待机电流 Standby current with WIFI and BT connected	飞行模式，无SIM卡，1张TF卡， WIFI DTIM=1，打开蓝牙和WIFI，连接蓝牙耳机和WIFI AP，待机模式(灭屏)后3分钟,测量3分钟内的平均电流。 Flight mode, no SIM card, A TF card,WIFI DTIM=1,With BT,WIFI open and connected,The DTU goes into standby mode with LCD off,After 3 mins,Measure the average current in 3 minutes.	9.62mA	
12028001	录音电流 Current with sound recording	飞行模式，无SIM卡，1张TF卡，录音格式为AMR，录音并保存在TF中，待机模式(灭屏)后3分钟，测量3分钟内的平均电流。 Flight mode,No SIM card, A TF card,AMR format record sound and save into the TF card, The DTU goes into standby mode with LCD off,After 3 mins,Measure the average current in 3 minutes.	52mA	
12024003	播放MP3（耳机模式 最小音量） Current in headset mode with the lowest volume	飞行模式，无SIM卡,1张TF卡，默认播放器，耳机模式，最小音量（0级），播放专用测量mp3歌曲（Working Life.MP3，采样率44.1KHz,码率128Kbps），待机模式(灭屏)后3分钟，测量3分钟内的平均电流。 Flight mode,No SIM card, A TF card,Default player,Headset mode, 0 level Volume,Play the special MP3(Working Life.MP3,sample rate 44.1KHz,bit rate 128Kbps),The DTU goes into standby mode with LCD off,After 3 mins,Measure the average current in 3 minutes.	28.5mA	
12024001	播放MP3（耳机模式 最大音量） Current in headset mode with the highest volume	飞行模式，无SIM卡，1张TF卡，默认播放器，耳机模式，最大音量，播放专用测量mp3歌曲（Working Life.MP3，采样率44.1KHz，码率128Kbps），待机模式(灭屏)后3分钟，测量3分钟内的平均电流。 Flight mode,No SIM card, A TF card,Default player,Headset mode, the highest level Volume,Play the special MP3(Working Life.MP3,sample rate 44.1KHz,bit rate 128Kbps),The DTU goes into standby mode with LCD off,After 3 mins,Measure the average current in 3 minutes.	33.7mA	
12024004	播放MP3（外放模式 最小音量） Current in speaker mode with the lowest volume	飞行模式，无SIM卡，1张TF卡，默认播放器，外放模式，最小音量（0级），播放专用测量mp3歌曲（Working Life.MP3,采样率44.1KHz,码率128Kbps），待机模式(灭屏)后3分钟，测量3分钟内的平均电流。 Flight mode,No SIM card, a TF card,Default player,Speaker mode, 0 level Volume,Play the special MP3(Working Life.MP3,sample rate 44.1KHz,bit rate 128Kbps),The DTU goes into standby mode with LCD off,After 3 mins,Measure the average current in 3 minutes.	55.1mA	
12024002	播放MP3（外放模式 最大音量） Current in speaker mode with the lowest volume	飞行模式，无SIM卡,1张TF卡，默认播放器，外放模式，最大音量，播放专（Working Life.MP3,采样率44.1KHz,码率128Kbps）（采样率44.1KHz,码率128Kbps），待机模式(灭屏)后3分钟,测量3分钟内的平均电流。 Flight mode,No SIM card, a TF card,Default player,Speaker mode, The highest level Volume,Play the special MP3(Working Life.MP3,sample rate 44.1KHz,bit rate 128Kbps),The DTU goes into standby mode with LCD off,After 3 mins,Measure the average current in 3 minutes.	120mA	
12025004	播放MP4（外放模式 最小音量 屏最暗 480P） Current with playing 480P size moive	飞行模式，无SIM卡，1张TF卡，系统自带播放器，全屏，背光最暗，最小音量（0级），外放模式，使用系统自带播放器，播放TF卡内专用测量mp4视频（480P,480P.mp4,码率2502Kbps,帧率29），测量3分钟平均电流。 Flight mode,No SIM card, A TF card, Default video Player,Full screen with the darkest backlight,0 level Volume,Speaker mode, Play the special video(480P size,480P.mp4,bit rate 2502Kbps, frame rate 29 fps) in the TF card,Measure the average current in 3 minutes.	191mA	

用例编号/Case ID	测量用例/Test Case	预置条件和测试步骤/Test Condition and steps	典型值/Type	备注/Note
12025006	播放MP4（外放模式 最小音量 屏最暗 720P） Current with playing 720P size moive	飞行模式，无SIM卡，1张TF卡，系统自带播放器，全屏，背光最暗，最小音量（0级），外放模式，使用系统自带播放器，播放TF卡内专用测量mp4视频（720P,720P.MP4,码率3264Kbps,帧率29），测量3分钟平均电流。 Flight mode,No SIM card, A TF card,Default video Player,Full screen with the darkest backlight,0 level Volume,Speaker mode, Play the special video(720P size,720P.mp4,bit rate 3264Kbps, frame rate 29 fps) in the TF card,Measure the average current in 3 minutes.	196mA	
12025008	播放MP4（外放模式 最小音量 屏最暗 1080P） Current with playing 1080P size moive	飞行模式，无SIM卡，1张TF卡，系统自带播放器，全屏，背光最暗，最小音量（0级），外放模式，使用系统自带播放器，播放TF卡内专用测量mp4视频（1080P,1080P.MP4，码率10.7Mbps，帧率29），测量3分钟平均电流。 Flight mode,No SIM card, A TF card, MX Player with hardware decoding,Full screen with the darkest backlight,0 level Volume,Speaker mode, Play the special video(1080P size,1080P.mp4,bit rate 10.7Mbps, frame rate 29 fps) in the TF card,Measure the average current in 3 minutes.	211mA	
12027012	前摄全黑预览 Front Camera Black Cover DC Preview	飞行模式，无SIM卡，1张TF卡，自带拍照程序，默认设置，背光最暗，在全黑情况下预览，测量3分钟平均电流。 Flight mode,No SIM card, A TF card,Default AP for camera with default setting, with the darkest backlight,Preview in a dark place, Measure the average current in 3 minutes.	231mA	
12027013-前摄	前摄录像测试（屏幕最暗 取景为黑色 480P） Current with 480P video recording	飞行模式，无SIM卡，1张TF卡，背光最暗，自带拍照程序，默认设置，SD480P格式，H.264压缩，在全黑情况下摄像，测量3分钟平均电流。 Flight mode,No SIM card, A TF card,Default AP for camera with SD480 size and H.264 compressing, with the darkest backlight,Record in a dark place, Measure the average current in 3 minutes.	265mA	
12027015-前摄	前摄录像测试（屏幕最暗 取景为黑色 720P） Current with 720P video recording	飞行模式，无SIM卡，1张TF卡，背光最暗，自带拍照程序，默认设置，HD720P格式，H.264压缩，在全黑情况下摄像，测量3分钟平均电流。 Flight mode,No SIM card, A TF card,Default AP for camera with HD720P size and H.264 compressing, with the darkest backlight, Record in a dark place, Measure the average current in 3 minutes.	275mA	
12027016-前摄	前摄录像测试（屏幕最暗 取景为黑色 1080P） Current with 1080P video recording	飞行模式，无SIM卡，1张TF卡，背光最暗，自带拍照程序，默认设置，HD1080P格式，H.264压缩，在全黑情况下摄像，测量3分钟平均电流。 Flight mode,No SIM card, A TF card,Default AP for camera with HD1080P size and H.264 compressing, with the darkest backlight, Record in a dark place, Measure the average current in 3 minutes.	287mA	
12027009	后摄全黑预览 Main Camera Black Cover DC Preview	飞行模式，无SIM卡，1张TF卡，自带拍照程序，默认设置，背光最暗，在全黑情况下预览，测量3分钟平均电流。 Flight mode,No SIM card, A TF card,Default AP for camera with default setting, with the darkest backlight,Preview in a dark place, Measure the average current in 3 minutes.	336mA	
12027015-后摄	后摄录像测试（屏幕最暗 取景为黑色 720P） Current with 720P video recording	飞行模式，无SIM卡，1张TF卡，背光最暗，自带拍照程序，默认设置，HD720P格式，H.264压缩，在全黑情况下摄像，测量3分钟平均电流。 Flight mode,No SIM card, A TF card,Default AP for camera with HD720P size and H.264 compressing, with the darkest backlight, Record in a dark place, Measure the average current in 3 minutes.	363mA	

用例编号/Case ID	测量用例/Test Case	预置条件和测试步骤/Test Condition and steps	典型值/Type	备注/Note
12027016-后摄	后摄录像测试（屏幕最暗 取景为黑色 1080P） Current with 1080P video recording	飞行模式，无SIM卡，1张TF卡，背光最暗，自带拍照程序，默认设置，HD1080P格式，H.264压缩，在全黑情况下摄像，测量3分钟平均电流。 Flight mode,No SIM card, A TF card,Default AP for camera with HD1080P size and H.264 compressing, with the darkest backlight , Record in a dark place, Measure the average current in 3 minutes.	368mA	
12027021	后摄双摄Bokeh预览 Dual Camera DC Preview-Bokeh	飞行模式，无SIM卡，1张TF卡，自带拍照程序，默认设置，背光最暗，在距离色卡30-50公分，环境亮度大于1000lux下预览，测量3分钟平均电流。 Flight mode,No SIM card, A TF card,Default AP for camera with default setting, with the darkest backlight,Preview with Depth of Field 30~50cm apart, and above 1000 lux Brightness Environment, Measure the average current in 3 minutes.	429mA	
12047002	游戏_神庙逃亡2 Current with the Temple Run playing	飞行模式，无SIM卡,1张TF卡，背光最暗，外放模式，音量最小（0级），打开神庙逃亡2，停留在游戏开始界面，测量3分钟平均电流。 Flight mode,No SIM card, a TF card,with the darkest backlight,Speaker mode, 0 level Volume,Open the Temple Run and stay with startup UI,Measure the average current in 3 minutes.	231mA	

Case ID/Test Case	12001006/Deep sleep current		
Power Domain Tips	Yellow Fill: Total on VBAT		
	Green Fill: VBAT branch		
	Red Fill: Primary Power Branch		
	Blue Fill: Secondary Power Branch		
Power Domain	**Voltage/V**	**Current/mA**	**Note**
VBAT	3.8	5	
ROC1			
VDDCPU1	OFF		
VDDCPU0	OFF		
VBATDRV			
VDDCORE (DCDCCORE)	0.6	0.303	
VDDGPU (VDDMM)	0.6	0.03	
VDDSDRAM(DCDCSRAM)	OFF		
VDDAI	OFF		
DCDCMODEM	0.6	0.018	
VDDQ(DCDCMEMQ)	OFF		
DCDCMEM	1.1	0.602	
VDDWCN	OFF		
VDD1V3 (DCDCGEN1)	1.3	/	
VDDCAMD0	OFF		
VDDCAMD1	OFF		
VDDRF1V25	OFF		
AVDD1V2(VDDPCIE)	OFF		
VDD1V85 (DCDCGEN0)	1.85	0.95	
AVDD1V8	OFF		
VDDCAMIO	OFF		
VDDRF18	OFF		
DCDCWPA	OFF		
VBATA	3.8	0.37	
VDDSIM0	OFF		
VDDSIM1	OFF		
VDDSIM2	OFF		
VDDUSB33	OFF		
VDDSDIO	OFF		
VDDSDCORE	OFF		
VDD2V8	OFF		
VDDEMMCCORE	OFF		
VDDWIFIPA	OFF		
VDDDCXO	OFF		
VDDCAMA0	OFF		
VDDCAMA1	OFF		
VDDCAMMOT	OFF		
VDDLDO0	OFF		
VDDLDO1	OFF		
VDDLDO2	OFF		
VBATBK	3	0.02	
VDDVIB	OFF		
VDDKPLED	OFF		

VBATB	3.8	0.3	
VBATAUD	OFF		
AVDDVB	OFF		
VBAT_BST	OFF		
DCDC_Boost	OFF		
ORCA			
CP VDDCORE （9121）	0.6	0.435	
VDD_PA_SUB6G_DCDC_1	OFF		
VDD_PA_SUB6G_DCDC_2	OFF		
VBATDRV			
VDDCORE (DCDCCORE)	0.6	/(0.07 @ 0.9V)	在0.9V下耗电0.07ma
CP_VDDPUB (DCDCGPU)	0.6	/(0.03 @ 0.9V)	在0.9V下耗电0.03ma
VDDSDRAM(DCDCSRAM)	OFF		
CP_VDDCPU (DCDCCPU)	OFF		
DCDCMODEM	OFF		
VDDQ(DCDCMEMQ)	0.6	0.104	
DCDCMEM	1.1	0.086	
VDDWCN	OFF		
VDD1V3 (DCDCGEN1)			
VDDCAMD0	OFF		
VDDCAMD1	OFF		
VDDRF1V25	OFF		
AVDD1V2(VDDPCIE)	OFF		
VDD1V85 (DCDCGEN0)	1.875	0.518	
AVDD1V8	OFF		
VDDCAMIO	OFF		
VDDRF18	OFF		
DCDCWPA	OFF		
VBATA	3.8	0.3	
VDDSIM0	OFF		
VDDSIM1	OFF		
VDDSIM2	OFF		
VDDUSB33	OFF		
VDDSDIO	OFF		
VDDSDCORE	OFF		
VDD2V8	OFF		
VDDEMMCCORE	OFF		
VDDWIFIPA	OFF		
VDDDCXO	1.8	0.001	
VDDCAMA0	OFF		
VDDCAMA1	OFF		
VDDCAMMOT	OFF		
VDDLDO0	OFF		
VDDLDO1	OFF		
VDDLDO2	OFF		
VBATBK	3	0.015	
VBATB	3.8	0.165	