

GSM Power

Note: The Conducted output power refer to FCC ID: QIPPLS63-W, Report No.: 200722016RFM-1, which is issued by Shenzhen UnionTrust Quality and Technology Co., Ltd.

Measurement Data:

GSM 850 Conducted Power(dBm)			
Channel	128	190	251
Frequency(MHz)	824.2 MHz	836.6 MHz	848.8 MHz
GSM (GMSK, 1Tx-slot)	33.42	33.56	33.4
GPRS (GMSK, 1Tx-slot)	33.47	33.4	33.57
GPRS (GMSK, 2Tx-slot)	30.65	30.58	30.72
GPRS (GMSK, 3Tx-slot)	28.36	28.63	28.67
GPRS (GMSK, 4Tx-slot)	26.84	27.19	27.25
EDGE (8PSK, 1Tx-slot)	27.44	27.58	27.59
EDGE (8PSK, 2Tx-slot)	24.3	24.41	24.41
EDGE (8PSK, 3Tx-slot)	22.32	22.4	22.52
EDGE (8PSK, 4Tx-slot)	20.9	21	21.02
Antenna Gain (dBi)	-11.5		
Max. ERP for FCC (dBm)	19.92		
ERP Limit for FCC (dBm)	38.45		
Note: EIRP (dBm) = Burst Average power (dBm) + Antenna Gain (dBi).			
ERP (dBm) = EIRP (dBm) - 2.15 (dB).			

PCS 1900 Conducted Power(dBm)			
Channel	512	661	810
Frequency(MHz)	1850.2 MHz	1880.0 MHz	1909.8 MHz
GSM (GMSK, 1Tx-slot)	30.63	30.62	30.74
GPRS (GMSK, 1Tx-slot)	30.62	30.6	30.75
GPRS (GMSK, 2Tx-slot)	27.96	28.31	28.12
GPRS (GMSK, 3Tx-slot)	26.26	26.34	26.46
GPRS (GMSK, 4Tx-slot)	25.2	25.38	25.2
EDGE (8PSK, 1Tx-slot)	26.26	26.37	26.21
EDGE (8PSK, 2Tx-slot)	23.47	23.68	23.46
EDGE (8PSK, 3Tx-slot)	21.58	21.85	21.66
EDGE (8PSK, 4Tx-slot)	20.93	21.02	21.02
Antenna Gain (dBi)	1.1		
Max. EIRP for FCC (dBm)	31.85		
EIRP Limit for FCC (dBm)	33.01		
Note: EIRP (dBm) = Burst Average power (dBm) + Antenna Gain (dBi).			
ERP (dBm) = EIRP (dBm) - 2.15 (dB).			

Spot Check Test Result

GSM 850 Conducted Power(dBm)			
Channel	128	190	251
Frequency(MHz)	824.2 MHz	836.6 MHz	848.8 MHz
GPRS (GMSK, 1Tx-slot)	33.33	33.14	33.40
Antenna Gain (dBi)	-11.5		
Max. ERP for FCC (dBm)	19.75		
ERP Limit for FCC (dBm)	38.45		
Note: EIRP (dBm) = Burst Average power (dBm) + Antenna Gain (dBi).			
ERP (dBm) = EIRP (dBm) - 2.15 (dB).			

PCS 1900 Conducted Power(dBm)			
Channel	512	661	810
Frequency(MHz)	1850.2 MHz	1880.0 MHz	1909.8 MHz
GPRS (GMSK, 1Tx-slot)	29.85	30.11	30.04
Antenna Gain (dBi)	1.1		
Max. EIRP for FCC (dBm)	31.21		
EIRP Limit for FCC (dBm)	33.01		
Note: EIRP (dBm) = Burst Average power (dBm) + Antenna Gain (dBi). ERP (dBm) = EIRP (dBm) - 2.15 (dB).			