

Tune Up Description

Transmit Frequency	EGSM : 880 - 915MHz GSM850: 824MHz - 849MHz DCS1800: 1710 - 1785MHz WCDMA BAND I : 2110 -2170 MHz WCDMA BANS V: 869-894 MHz
Receive Frequency	EGSM : 925 - 960MHz GSM850 : 869 -894MHz DCS1800: 1805 -1880MHz WCDMA BAND I: 1920 - 1980 MHz WCDMA BANS V: 824 - 849 MHz
Modulation	GSM/GPRS : GMSK EGPRS : MCS1-4 GMSK EGPRS: MCS5-9 8PSK WCDMA: QPSK
Hardware Version	V1.1
Software Version	
EmissionDesignator	GSM : 200KHz GPRS : 200KHz EGPRS :200KHz WCDMA :5MHz
Freq.stability	GSM: 0.1ppm GPRS: 0.1ppm EGPRS: 0.1ppm WCDMA: 0.1ppm
Dimension	
Weight	
Data Transmission	
Voltage	3.6~4.2V
Current	Idel <5mA Traffic< 1.5A
Transmitter Power	GSM850: Power class 4 EGSM: Power class 4 GSM1800: Power class 1 EGPRS- 8psk : Power class E2 WCDMA : Power class 3

Specific Operating Power Range:

Power class 4:

Power control level	Nomina Ouput Power(dBm)	Tolerance(dB) for conditions	
		normal	Extreme
5	33	± 3	± 4
6	31	± 3	± 4

7	29	± 3	± 4
8	27	± 3	± 4
9	25	± 3	± 4
10	23	± 3	± 4
11	21	± 3	± 4
12	19	± 3	± 4
13	17	± 3	± 4
14	15	± 3	± 4
15	13	± 3	± 4
16	11	± 5	± 6
17	9	± 5	± 6
18	7	± 5	± 6
19-31	5	± 5	± 6

Power class 1

Power control level	Nomina Ouput Power(dBm)	Tolerance(dB) for conditions	
		normal	Extreme
0	30	± 3	± 4
1	28	± 3	± 4
2	26	± 3	± 4
3	24	± 3	± 4
4	22	± 3	± 4
5	20	± 3	± 4
6	18	± 3	± 4
7	16	± 3	± 4
8	14	± 3	± 4
9	12	± 4	± 5
10	10	± 4	± 5
11	8	± 4	± 5
12	6	± 4	± 5
13	4	± 4	± 5
14	2	± 5	± 6
15-28	0	± 5	± 6

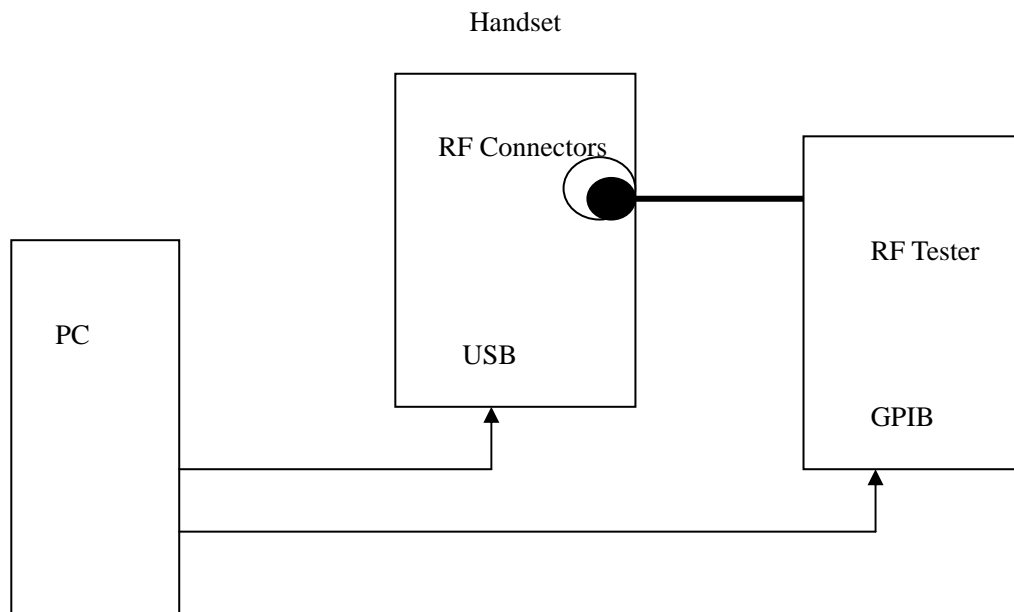
Power class E2

Power class	GSM900&GS M850 Nominal Maximum output Power	GSM900&GSM850 Tolerance(dB) for conditions		DCS Nominal Maximum output Power	DCS Tolerance(dB) for conditions	
		normal	Extreme		normal	Extreme
E2	27dBm	± 3	± 4	26dBm	-4/+3	-4.5/+4

Power class 3

Operating Band	Power class 3
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	Power (dBm)	Tol (dB)
Band I	+24	+1/-3
Band V	+24	+1/-3



Adjustment of Outpout power

- (1) The test qquioment setup as shown in figure 1.
- (2) Operation of PC adjusts equipment
- (3) Run the Calibration Script.
- (4) Reset the handset