

Transmit frequency	GSM850 824-849 PCS 1900 1850-1910
Receiver frequency	GSM850 869-894 PCS 1900 1930-1990
Modulation	GMSK (bt=0.3)
Hardware Version	A051-MB-V0.5
Sw Version	A051_7B_RAGE_PJ9225_V117
Emission Designator	200KHz
Freq stability	+/- 1pp
Dimension	--
Weight	--
Data Transmission	N/A
Voltage	3.6-4.2V
Current	Idel:<5mA
Transmitter Power	EGSM: 2w DCS: 1W

Specific Operating Power Range:

Power Class 1;

Power Control Level 5	+33dBm +0.3dB/-0.3dB
Power Control Level 6	+31dBm +2.0dB/-2.0dB
Power Control Level 7	+29dBm +2.0dB/-2.0dB
Power Control Level 8	+27dBm +2.0dB/-2.0dB
Power Control Level 9	+25dBm +2.0dB/-2.0dB
Power Control Level 10	+23dBm +2.0dB/-2.0dB
Power Control Level 11	+21dBm +2.0dB/-2.0dB
Power Control Level 12	+19dBm +2.0dB/-2.0dB
Power Control Level 13	+17dBm +2.0dB/-2.0dB
Power Control Level 14	+15dBm +2.0dB/-2.0dB
Power Control Level 15	+13dBm +2.0dB/-2.0dB
Power Control Level 16	+11dBm +2.0dB/-2.0dB
Power Control Level 17	+9dBm +2.0dB/-2.0dB

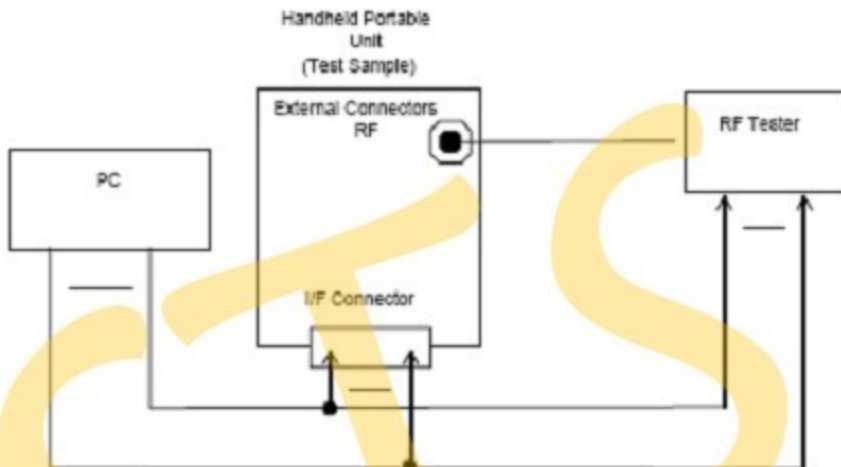


Figure 1

Adjustment of RF Output Power

- (1) The test equipment setup as shown in Figure 1.
- (2) Operation of PC adjusts equipment.
 - 1) Set GSM1900 Band.
 - 2) Set Channel 0661.
 - 3) TX ON.
 - 4) Adjust the power level to 29dBm (Power control level: PCL = 0) by PA DAC value.
 - 5) Repeat 4) for 15 times, and adjust the power level to 26, 25, 24, 22, 20, 18, 16, 15, 14, 12, 10, 8, 6, 4, 2, 0 dBm (PCL = 1, 2, 3, 4, 5, 6, 7, 6, 9, 10, 11, 12, 13, 14, 15).
 - 6) Make 16 Ramp-Up / Ramp-Down data from the adjustment value of (5) and (6).
 - 7) Data of 5) and 6) is write to a memory.