

SUPERDIGITAL TECHNOLOGY CO.,
LIMITED

Tune up procedure

This is to formally certify that:

The tune up procedures of Smart phone (FCC ID: 2ACDF-G37)

The tune up procedures of is not open to end user. The end user is not allowed to perform finaltune. All the power and frequency set up were finished at the manufacturer stage.

Tune up procedure shall be over the power range or at specific operating power levels.

It must provide an operational voltage (DC 3.7V by battery) to turn on the device and on one certain channel in service mode by means of company proprietary software.

spectrum analyzer(Agilent, E4407B) and Power meter

(DARE, RPR3006W)measures the 2.4G device specific RF characteristics.

Base station simulator (R&S CMU200) measures the 2G/3G device specific RF characteristics. The maximum power of each individual channels are adjusted until the target value met.

Band	Mode	The Tune-up Maximum Power (Customer Declared)(dBm)	Range	Measured Maximum Output Power(dBm)
GSM 850	GSM (GMSK)	32.5±1	31.5~33.5	33.00
	GPRS(GMSK, 1 Tx slot)	32.5±1	31.5~33.5	32.97
	GPRS(GMSK, 2 Tx slot)	30.5±1	29.5~31.5	31.09
	GPRS(GMSK, 3 Tx slot)	28.5±1	27.5~29.5	29.27
	GPRS(GMSK, 4 Tx slot)	26.5±1	25.5~27.5	27.14
GSM 1900	GSM (GMSK)	28.5±1	27.5~29.5	28.49
	GPRS(GMSK, 1 Tx slot)	28.5±1	27.5~29.5	28.52
	GPRS(GMSK, 2 Tx slot)	26.5±1	25.5~27.5	27.19
	GPRS(GMSK, 3 Tx slot)	24.5±1	23.5~25.5	25.32
	GPRS(GMSK, 4 Tx slot)	22.5±1	21.5~23.5	22.96
Band	Channel	The Tune-up Maximum Power (Customer Declared)(dBm)	Range	Measured Maximum Output Power(dBm)
BT	0CH	4±1	3~5	3.97
	39CH	5±1	4~6	5.16
	78CH	4±1	3~5	4.14