1. SGH-P207 General Introduction

The SGH-P207 Tri Band phone functions as digital phone working in GSM (Global System for Mobile communications)850, PCS(Personal Communication System)1900 and DCS(Digital Communications System)1800 modes. The following standards and minimum performance standards shall be met or exceeded by each subscriber unit.

Air Interface

The Subscriber Unit shall be Tri band in compliance with 3GPP TS 45.005 and 3GPP TS 51.010.

3GPP TS 45.005: 3rd Generation Partnership Project; Technical Specification Group GSM/EDGE Radio Access Network; Radio transmission and reception

3GPP TS 51.010: 3rd Generation Partnership Project; Technical Specification Group GSM/EDGE Radio Access Network Digital cellular telecommunications system(Phase 2+); Mobile Station conformance specification

3GPP TS 44.060: 3rd Generation Partnership Project; Technical Specification Group GSM/EDGE Radio Access Network; General Packet Radio Service(GPRS) Mobile Stadion(MS)-Base Station System(BSS) interface; Radio Link Control/Medium Access Control(RLC/MAC) protocol

ETSI EN 301 489: Electromagnetic compatibility and Radio spectrum Matters

ETSI EN 301 511: GSM Harmonized EN for mobile stations in the GSM900 and GSM1800 bands covering Essential Requirements

GCF GCF-CC 3.10.2

PTCRB NAPRD03 2.10.0

GSM Receiver/Transmitter Specifications and Requirements

The Subscriber Unit shall comply with GCF-CC 3.11.1 and meet PTCRB NAPRD03 2.10. 0. For GMSK modulation, The Subscriber Unit shall comply with Power Class 4 in GSM850 mode and comply with Power Class 1 in PCS1900, DCS1800 mode. For 8PSK modulation, The Subscriber Unit shall comply with Power Class E2 in GSM850, PCS1900, DCS1800.