

## Antenna details For A509DL

Antenna	Pattern	Gain(dBi)					
		GSM 850	GSM 900	DCS1800	PCS1900		
GSM	IFA	-4.6	-6.2	-1.2	-1.3		
		Band II	Band IV	Band V			
-1.3		-1.4	-4.6				
FDD 2		FDD 4	FDD 5	FDD 12	FDD 13		
-1.3		-1.4	-4.6	-4.8	-4.4		
FDD 25		FDD 26	FDD 41	FDD 66	FDD 71		
-1.3		-4.6	-0.35	-1.4	-5.7		
GPS		IFA	1.52				
WIFI&BT		IFA	-0.6				

**The location of the antennas inside mobile phone is shown below:**

