

Antenna details For A509DL

Antenna	Pattern	Gain(dBi)				
GSM	IFA	GSM 850	GSM 900	DCS1800	PCS1900	
		-4.6	-6.2	-1.2	-1.3	
WCDMA/CDMA		Band II	Band IV	Band V		
		-1.3	-1.4	-4.6		
LTE		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:

