

Appendix E. Antenna location

The location of the antenna inside EUT is as below:

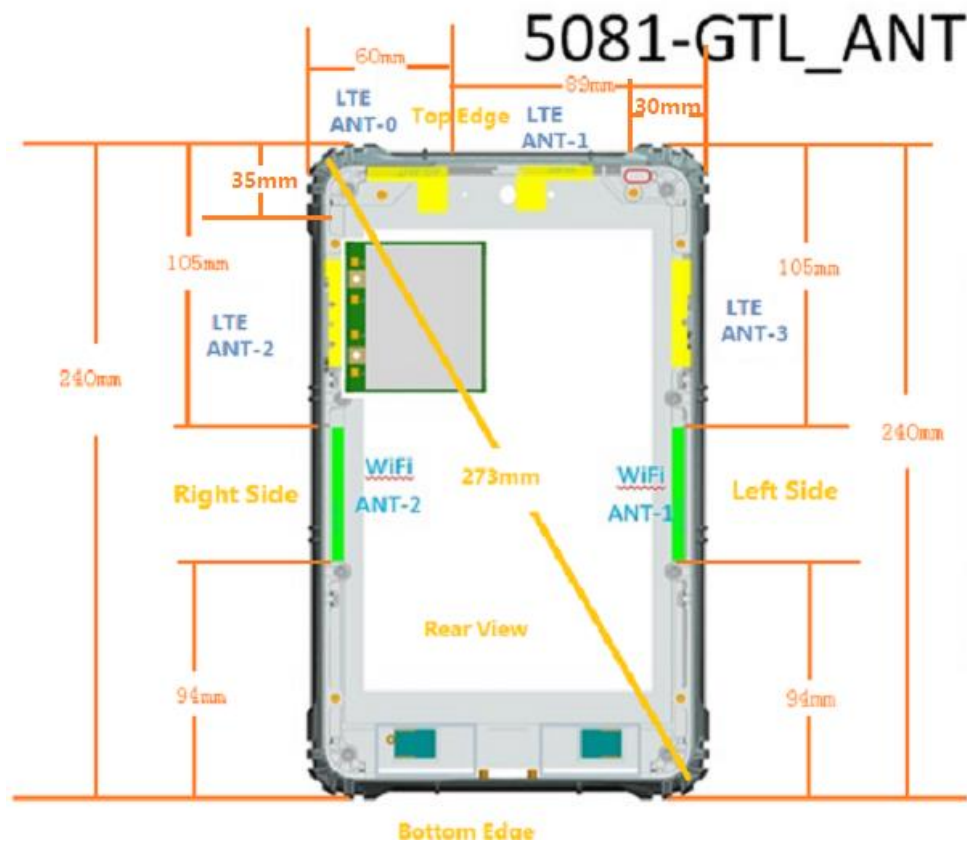


Figure: The location of the antennas

The distance <50mm

Mode	Position	Distance (mm)	Pmax (dBm)	Pmax (mW)	f(GHz)	Calculation Result	SAR Exclusion threshold	Test Requirement (Yes/No)
LTE B48	Rear/Top	5	22	158.49	2.68	51.89	3	Yes
	Right	5	22	158.49	2.68	51.89	3	Yes
BT	Rear	5	7	5.01	2.48	1.58	3	No
	Left	5	7	5.01	2.48	1.58	3	No
2.4G WiFi	Rear	5	16	39.81	2.462	12.49	3	Yes
	Right	5	16	39.81	2.462	12.49	3	Yes
	Left	5	16	39.81	2.462	12.49	3	Yes
5.2G WiFi	Rear	5	13	19.95	5.24	9.13	3	Yes
	Right	5	13	19.95	5.24	9.13	3	Yes
	Left	5	13	19.95	5.24	9.13	3	Yes
5.8G WiFi	Rear	5	13	19.95	5.825	9.63	3	Yes
	Right	5	13	19.95	5.825	9.63	3	Yes
	Left	5	13	19.95	5.825	9.63	3	Yes

The distance >50mm

Mode	Position	Distance (mm)	Pmax (dBm)	Pmax (mW)	f(GHz)	Power allowed at numeric Threshold at 50mm	SAR Exclusion Result	Test Requirement (Yes/No)
LTE B48	Left	89	22	158.49	2.68	91.63	481.63	No
	Bottom	205	22	158.49	2.68	91.63	1641.63	No
BT	Right	119	7	5.01	2.48	95.25	785.25	No
	Bottom	94	7	5.01	2.48	95.25	535.25	No
	Top	105	7	5.01	2.48	95.25	645.25	No
2.4G	Bottom	94	16	39.81	2.462	95.60	535.60	No
	Top	105	16	39.81	2.462	95.60	645.60	No
5.2G WiFi	Bottom	94	13	19.95	5.24	65.53	505.53	No
	Top	105	13	19.95	5.24	65.53	615.53	No
5.8G WiFi	Bottom	94	13	19.95	5.825	62.15	502.15	No
	Top	105	13	19.95	5.825	62.15	612.15	No