

Appendix E. Antenna location and standalone SAR test exclusion

The location of the antenna inside EUT is as below:

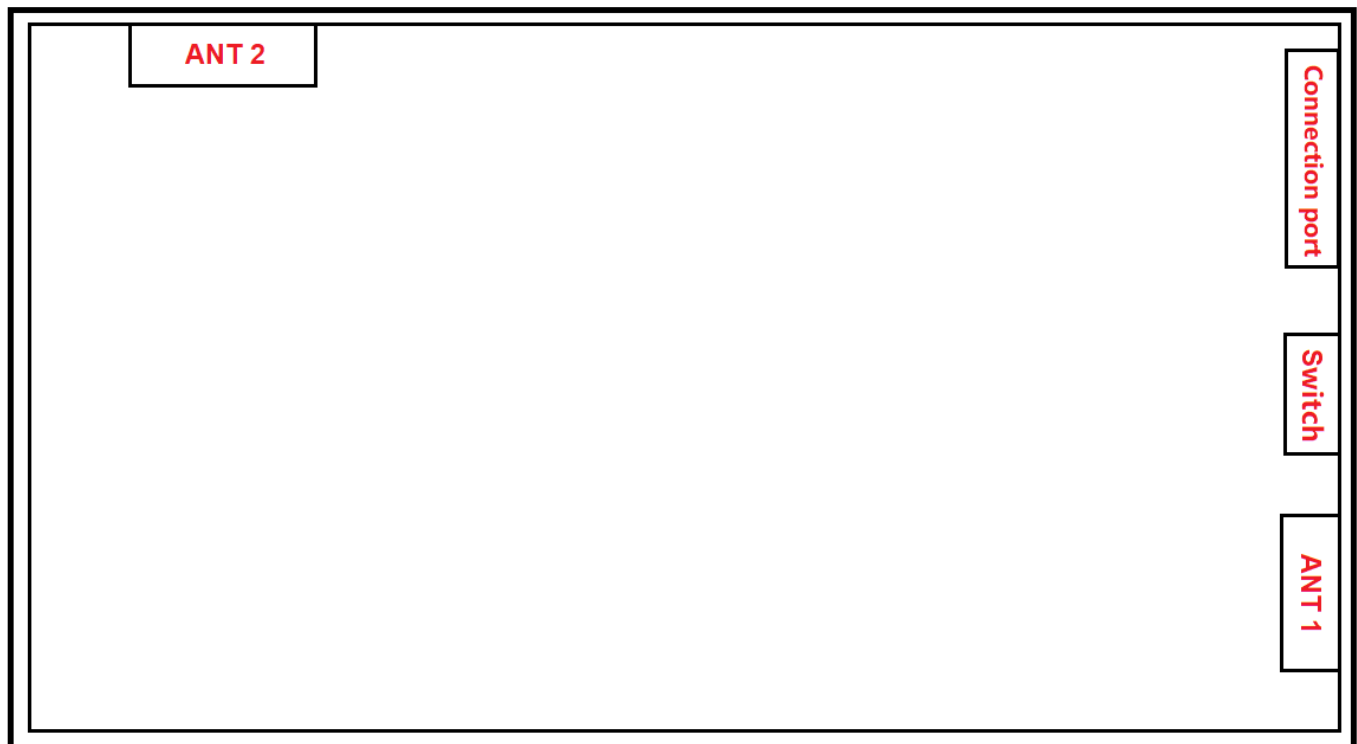


Figure: The location of the antennas

The distance <50mm

Ant	Mode	Position	Distance (mm)	Pmax (dBm)	Pmax (mW)	f (GHz)	Calculation Result	SAR Exclusion threshold	Test Requirement (Yes/No)
ANT1	2.4G WiFi	Rear/Top	5	13	19.95	2.462	6.26	3	Yes
		Right	5	13	19.95	2.462	6.26	3	Yes
	5.2G WiFi	Rear/Top	5	11	12.59	5.24	5.76	3	Yes
		Right	5	11	12.59	5.24	5.76	3	Yes
	5.8G WiFi	Rear/Top	5	12.5	17.78	5.825	8.58	3	Yes
		Right	5	12.5	17.78	5.825	8.58	3	Yes
ANT2	2.4G WiFi	Rear/Bottom	5	14	25.12	2.462	7.88	3	Yes
		Left	5	14	25.12	2.462	7.88	3	Yes
	5.2G WiFi	Rear/Bottom	5	9	7.94	5.24	3.64	3	Yes
		Left	5	9	7.94	5.24	3.64	3	Yes
	5.8G WiFi	Rear/Bottom	5	11	12.59	5.825	6.08	3	Yes
		Left	5	11	12.59	5.825	6.08	3	Yes

The distance >50mm

Ant	Mode	Position	Distance (mm)	Pmax (dBm)	Pmax (mW)	f (GHz)	Power allowed at numeric Threshold at 50mm	SAR Exclusion Result	Test Requirement (Yes/No)
ANT1	2.4G WiFi	Left	180	13	19.95	2.462	95.60	1395.60	No
		Bottom	345	13	19.95	2.462	95.60	3045.60	No
	5.2G WiFi	Left	180	11	12.59	5.24	65.53	1365.53	No
		Bottom	345	11	12.59	5.24	65.53	3015.53	No
	5.8G WiFi	Left	180	12.5	17.78	5.825	62.15	1362.15	No
		Bottom	345	12.5	17.78	5.825	62.15	3012.15	No
ANT2	2.4G WiFi	Right	250	14	25.12	2.462	95.60	2095.60	No
		Top	260	14	25.12	2.462	95.60	2195.60	No
	5.2G WiFi	Right	250	9	7.94	5.24	65.53	2065.53	No
		Top	260	9	7.94	5.24	65.53	2165.53	No
	5.8G WiFi	Right	250	11	12.59	5.825	62.15	2062.15	No
		Top	260	11	12.59	5.825	62.15	2162.15	No