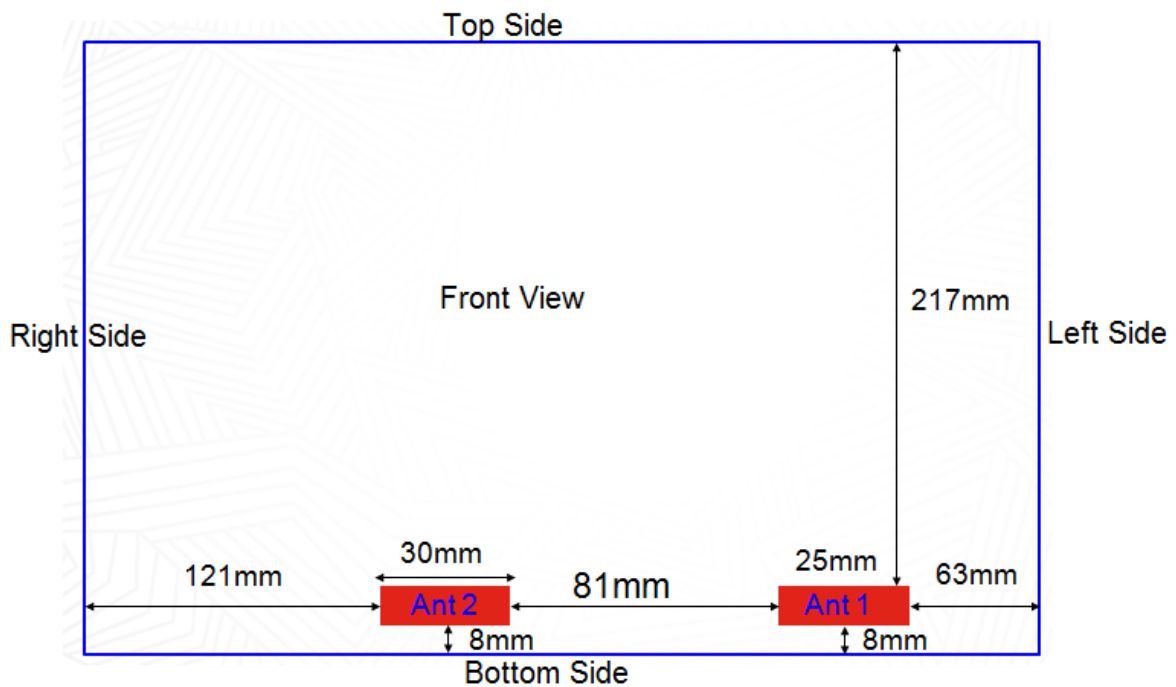


Appendix E. Antenna location and standalone SAR test exclusion

The location of the antenna inside EUT is as below:



Antenna	Rear Face	Right Side	Left Side	Top Side	Bottom Side
WLAN Main (Ant 1)	5mm	232mm	63mm	217mm	8mm
WLAN Aux (Ant 2)	5mm	121mm	169mm	217mm	8mm

Note: BT antenna only supports the aux antenna (Ant 2).

The distance <50mm

WLAN Main_Ant

Mode	Position	Pmax(dBm)*	Pmax(mW)	Distance(mm)	f(GHz)	Calculation Result	SAR Exclusion threshold	Test Requirement (Yes/No)
802.11b	Rear	20.50	112.20	5	2.462	35.21	3	Yes
802.11b	Bottom	20.50	112.20	8	2.462	22.01	3	Yes
802.11a (5.2G)	Rear	15.50	35.48	5	5.24	16.24	3	Yes
802.11a (5.2G)	Bottom	15.50	35.48	8	5.24	10.15	3	Yes
802.11a (5.3G)	Rear	14.00	25.12	5	5.32	11.59	3	Yes
802.11a (5.3G)	Bottom	14.00	25.12	8	5.32	7.24	3	Yes
802.11a (5.5G)	Rear	16.00	39.81	5	5.72	19.04	3	Yes
802.11a (5.5G)	Bottom	16.00	39.81	8	5.72	11.90	3	Yes
802.11a (5.8G)	Rear	13.50	22.39	5	5.825	10.81	3	Yes
802.11a (5.8G)	Bottom	13.50	22.39	8	5.825	6.75	3	Yes

The distance <50mm

WLAN Aux Ant

Mode	Position	Pmax(dBm)*	Pmax(mW)	Distance(mm)	f(GHz)	Calculation Result	SAR Exclusion threshold	Test Requirement (Yes/No)
BT	Rear	6.00	3.98	5	2.48	1.25	3	No
BT	Bottom	6.00	3.98	8	2.48	0.78	3	No
802.11b	Rear	20.50	112.20	5	2.462	35.21	3	Yes
802.11b	Bottom	20.50	112.20	8	2.462	22.01	3	Yes
802.11a (5.2G)	Rear	15.50	35.48	5	5.24	16.24	3	Yes
802.11a (5.2G)	Bottom	15.50	35.48	8	5.24	10.15	3	Yes
802.11a (5.3G)	Rear	14.00	25.12	5	5.32	11.59	3	Yes
802.11a (5.3G)	Bottom	14.00	25.12	8	5.32	7.24	3	Yes
802.11a (5.5G)	Rear	16.00	39.81	5	5.72	19.04	3	Yes
802.11a (5.5G)	Bottom	16.00	39.81	8	5.72	11.90	3	Yes
802.11a (5.8G)	Rear	13.50	22.39	5	5.825	10.81	3	Yes
802.11a (5.8G)	Bottom	13.50	22.39	8	5.825	6.75	3	Yes

The distance >50mm

WLAN Main Ant

Mode	Position	f(GHz)	Power allowed at numeric Threshold at 50mm	Distance (mm)	Pmax(dBm)*	Pmax(mW)	SAR Exclusion Result	Test Requirement (Yes/No)
802.11b	Right	2.462	95.60	232	20.50	112.20	1915.60	No
802.11b	Left	2.462	95.60	63	20.50	112.20	225.60	No
802.11b	Top	2.462	95.60	217	20.50	112.20	1765.60	No
802.11a(5.2G)	Right	5.24	65.53	232	15.50	35.48	1885.53	No
802.11a(5.2G)	Left	5.24	65.53	63	15.50	35.48	195.53	No
802.11a(5.2G)	Top	5.24	65.53	217	15.50	35.48	1735.53	No
802.11a(5.3G)	Right	5.32	65.03	232	14.00	25.12	1885.03	No
802.11a(5.3G)	Left	5.32	65.03	63	14.00	25.12	195.03	No
802.11a(5.3G)	Top	5.32	65.03	217	14.00	25.12	1735.03	No
802.11a(5.5G)	Right	5.72	62.72	232	16.00	39.81	1882.72	No
802.11a(5.5G)	Left	5.72	62.72	63	16.00	39.81	192.72	No
802.11a(5.5G)	Top	5.72	62.72	217	16.00	39.81	1732.72	No
802.11a(5.8G)	Right	5.825	62.15	232	13.50	22.39	1882.15	No
802.11a(5.8G)	Left	5.825	62.15	63	13.50	22.39	192.15	No
802.11a(5.8G)	Top	5.825	62.15	217	13.50	22.39	1732.15	No

WLAN Aux_Ant

Mode	Position	f(GHz)	Power allowed at numeric Threshold at 50mm	Distance (mm)	Pmax(dBm)*	Pmax(mW)	SAR Exclusion Result	Test Requirement (Yes/No)
BT	Right	2.48	95.25	121	6.00	3.98	805.25	No
BT	Left	2.48	95.25	169	6.00	3.98	1285.25	No
BT	Top	2.48	95.25	217	6.00	3.98	1765.25	No
802.11b	Right	2.462	95.60	121	20.50	112.20	805.60	No
802.11b	Left	2.462	95.60	169	20.50	112.20	1285.60	No
802.11b	Top	2.462	95.60	217	20.50	112.20	1765.60	No
802.11a(5.2G)	Right	5.24	65.53	121	15.50	35.48	775.53	No
802.11a(5.2G)	Left	5.24	65.53	169	15.50	35.48	1255.53	No
802.11a(5.2G)	Top	5.24	65.53	217	15.50	35.48	1735.53	No
802.11a(5.3G)	Right	5.32	65.03	121	14.00	25.12	775.03	No
802.11a(5.3G)	Left	5.32	65.03	169	14.00	25.12	1255.03	No
802.11a(5.3G)	Top	5.32	65.03	217	14.00	25.12	1735.03	No
802.11a(5.5G)	Right	5.72	62.72	121	16.00	39.81	772.72	No
802.11a(5.5G)	Left	5.72	62.72	169	16.00	39.81	1252.72	No
802.11a(5.5G)	Top	5.72	62.72	217	16.00	39.81	1732.72	No
802.11a(5.8G)	Right	5.825	62.15	121	13.50	22.39	772.15	No
802.11a(5.8G)	Left	5.825	62.15	169	13.50	22.39	1252.15	No
802.11a(5.8G)	Top	5.825	62.15	217	13.50	22.39	1732.15	No