

## FCC SAR Test Report

No.	Conditions (SAR1+SAR2+SAR3)	Exposure Condition	Test Position	Max. SAR1	Max. SAR2	Max. SAR3	SAR Summation	SPLSR Analysis
6	WCDMA IV + WLAN (DTS)	Body	Rear Face	0.96	1.03	-	1.99	<b>Analyzed as below</b>
			Left Side	0.13	0.00	-	0.13	$\Sigma$ SAR < 1.6, Not required
			Right Side	0.00	0.63	-	0.63	$\Sigma$ SAR < 1.6, Not required
			Top Side	0.09	0.09	-	0.18	$\Sigma$ SAR < 1.6, Not required
			Bottom Side	0.00	0.57	-	0.57	$\Sigma$ SAR < 1.6, Not required
7	WCDMA IV + WLAN (NII)	Body	Rear Face	0.96	0.97	-	1.93	<b>Analyzed as below</b>
			Left Side	0.13	0.00	-	0.13	$\Sigma$ SAR < 1.6, Not required
			Right Side	0.00	0.15	-	0.15	$\Sigma$ SAR < 1.6, Not required
			Top Side	0.09	0.00	-	0.09	$\Sigma$ SAR < 1.6, Not required
			Bottom Side	0.00	0.47	-	0.47	$\Sigma$ SAR < 1.6, Not required
8	WCDMA IV + BT (DSS)	Body	Rear Face	0.96	0.37	-	1.33	$\Sigma$ SAR < 1.6, Not required
			Left Side	0.13	0.00	-	0.13	$\Sigma$ SAR < 1.6, Not required
			Right Side	0.00	0.00	-	0.00	$\Sigma$ SAR < 1.6, Not required
			Top Side	0.09	0.00	-	0.09	$\Sigma$ SAR < 1.6, Not required
			Bottom Side	0.00	0.20	-	0.20	$\Sigma$ SAR < 1.6, Not required
9	WCDMA IV + WLAN (DTS) Ant0 + BT (DSS) Ant1	Body	Rear Face	0.96	0.96	0.37	2.29	<b>Analyzed as below</b>
			Left Side	0.13	0.00	0.00	0.13	$\Sigma$ SAR < 1.6, Not required
			Right Side	0.00	0.63	0.00	0.63	$\Sigma$ SAR < 1.6, Not required
			Top Side	0.09	0.09	0.00	0.18	$\Sigma$ SAR < 1.6, Not required
			Bottom Side	0.00	0.00	0.20	0.20	$\Sigma$ SAR < 1.6, Not required
10	WCDMA IV + WLAN (NII) Ant0 + BT (DSS) Ant1	Body	Rear Face	0.96	0.97	0.37	2.30	<b>Analyzed as below</b>
			Left Side	0.13	0.00	0.00	0.13	$\Sigma$ SAR < 1.6, Not required
			Right Side	0.00	0.15	0.00	0.15	$\Sigma$ SAR < 1.6, Not required
			Top Side	0.09	0.00	0.00	0.09	$\Sigma$ SAR < 1.6, Not required
			Bottom Side	0.00	0.00	0.20	0.20	$\Sigma$ SAR < 1.6, Not required

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No.	Conditions (SAR1+SAR2+SAR3)	Exposure Condition	Test Position	Max. SAR1	Max. SAR2	Max. SAR3	SAR Summation	SPLSR Analysis
11	WCDMA V + WLAN (DTS)	Body	Rear Face	0.45	1.03	-	1.48	$\Sigma$ SAR < 1.6, Not required
			Left Side	0.14	0.00	-	0.14	$\Sigma$ SAR < 1.6, Not required
			Right Side	0.00	0.63	-	0.63	$\Sigma$ SAR < 1.6, Not required
			Top Side	0.13	0.09	-	0.22	$\Sigma$ SAR < 1.6, Not required
			Bottom Side	0.00	0.57	-	0.57	$\Sigma$ SAR < 1.6, Not required
12	WCDMA V + WLAN (NII)	Body	Rear Face	0.45	0.97	-	1.42	$\Sigma$ SAR < 1.6, Not required
			Left Side	0.14	0.00	-	0.14	$\Sigma$ SAR < 1.6, Not required
			Right Side	0.00	0.15	-	0.15	$\Sigma$ SAR < 1.6, Not required
			Top Side	0.13	0.00	-	0.13	$\Sigma$ SAR < 1.6, Not required
			Bottom Side	0.00	0.47	-	0.47	$\Sigma$ SAR < 1.6, Not required
13	WCDMA V + BT (DSS)	Body	Rear Face	0.45	0.37	-	0.82	$\Sigma$ SAR < 1.6, Not required
			Left Side	0.14	0.00	-	0.14	$\Sigma$ SAR < 1.6, Not required
			Right Side	0.00	0.00	-	0.00	$\Sigma$ SAR < 1.6, Not required
			Top Side	0.13	0.00	-	0.13	$\Sigma$ SAR < 1.6, Not required
			Bottom Side	0.00	0.20	-	0.20	$\Sigma$ SAR < 1.6, Not required
14	WCDMA V + WLAN (DTS) Ant0 + BT (DSS) Ant1	Body	Rear Face	0.45	0.96	0.37	1.78	<b>Analyzed as below</b>
			Left Side	0.14	0.00	0.00	0.14	$\Sigma$ SAR < 1.6, Not required
			Right Side	0.00	0.63	0.00	0.63	$\Sigma$ SAR < 1.6, Not required
			Top Side	0.13	0.09	0.00	0.22	$\Sigma$ SAR < 1.6, Not required
			Bottom Side	0.00	0.00	0.20	0.20	$\Sigma$ SAR < 1.6, Not required
15	WCDMA V + WLAN (NII) Ant0 + BT (DSS) Ant1	Body	Rear Face	0.45	0.97	0.37	1.79	<b>Analyzed as below</b>
			Left Side	0.14	0.00	0.00	0.14	$\Sigma$ SAR < 1.6, Not required
			Right Side	0.00	0.15	0.00	0.15	$\Sigma$ SAR < 1.6, Not required
			Top Side	0.13	0.00	0.00	0.13	$\Sigma$ SAR < 1.6, Not required
			Bottom Side	0.00	0.00	0.20	0.20	$\Sigma$ SAR < 1.6, Not required

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No.	Conditions (SAR1+SAR2+SAR3)	Exposure Condition	Test Position	Max. SAR1	Max. SAR2	Max. SAR3	SAR Summation	SPLSR Analysis
16	LTE 2 + WLAN (DTS)	Body	Rear Face	1.18	1.03	-	2.21	<b>Analyzed as below</b>
			Left Side	0.32	0.00	-	0.32	$\Sigma$ SAR < 1.6, Not required
			Right Side	0.00	0.63	-	0.63	$\Sigma$ SAR < 1.6, Not required
			Top Side	0.14	0.09	-	0.23	$\Sigma$ SAR < 1.6, Not required
			Bottom Side	0.00	0.57	-	0.57	$\Sigma$ SAR < 1.6, Not required
17	LTE 2 + WLAN (NII)	Body	Rear Face	1.18	0.97	-	2.15	<b>Analyzed as below</b>
			Left Side	0.32	0.00	-	0.32	$\Sigma$ SAR < 1.6, Not required
			Right Side	0.00	0.15	-	0.15	$\Sigma$ SAR < 1.6, Not required
			Top Side	0.14	0.00	-	0.14	$\Sigma$ SAR < 1.6, Not required
			Bottom Side	0.00	0.47	-	0.47	$\Sigma$ SAR < 1.6, Not required
18	LTE 2 + BT (DSS)	Body	Rear Face	1.18	0.37	-	1.55	$\Sigma$ SAR < 1.6, Not required
			Left Side	0.32	0.00	-	0.32	$\Sigma$ SAR < 1.6, Not required
			Right Side	0.00	0.00	-	0.00	$\Sigma$ SAR < 1.6, Not required
			Top Side	0.14	0.00	-	0.14	$\Sigma$ SAR < 1.6, Not required
			Bottom Side	0.00	0.20	-	0.20	$\Sigma$ SAR < 1.6, Not required
19	LTE 2 + WLAN (DTS) Ant0 + BT (DSS) Ant1	Body	Rear Face	1.18	0.96	0.37	2.51	<b>Analyzed as below</b>
			Left Side	0.32	0.00	0.00	0.32	$\Sigma$ SAR < 1.6, Not required
			Right Side	0.00	0.63	0.00	0.63	$\Sigma$ SAR < 1.6, Not required
			Top Side	0.14	0.09	0.00	0.23	$\Sigma$ SAR < 1.6, Not required
			Bottom Side	0.00	0.00	0.20	0.20	$\Sigma$ SAR < 1.6, Not required
20	LTE 2 + WLAN (NII) Ant0 + BT (DSS) Ant1	Body	Rear Face	1.18	0.97	0.37	2.52	<b>Analyzed as below</b>
			Left Side	0.32	0.00	0.00	0.32	$\Sigma$ SAR < 1.6, Not required
			Right Side	0.00	0.15	0.00	0.15	$\Sigma$ SAR < 1.6, Not required
			Top Side	0.14	0.00	0.00	0.14	$\Sigma$ SAR < 1.6, Not required
			Bottom Side	0.00	0.00	0.20	0.20	$\Sigma$ SAR < 1.6, Not required

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No.	Conditions (SAR1+SAR2+SAR3)	Exposure Condition	Test Position	Max. SAR1	Max. SAR2	Max. SAR3	SAR Summation	SPLSR Analysis
21	LTE 4 + WLAN (DTS)	Body	Rear Face	1.19	1.03	-	2.22	<b>Analyzed as below</b>
			Left Side	0.16	0.00	-	0.16	$\Sigma$ SAR < 1.6, Not required
			Right Side	0.00	0.63	-	0.63	$\Sigma$ SAR < 1.6, Not required
			Top Side	0.11	0.09	-	0.20	$\Sigma$ SAR < 1.6, Not required
			Bottom Side	0.00	0.57	-	0.57	$\Sigma$ SAR < 1.6, Not required
22	LTE 4 + WLAN (NII)	Body	Rear Face	1.19	0.97	-	2.16	<b>Analyzed as below</b>
			Left Side	0.16	0.00	-	0.16	$\Sigma$ SAR < 1.6, Not required
			Right Side	0.00	0.15	-	0.15	$\Sigma$ SAR < 1.6, Not required
			Top Side	0.11	0.00	-	0.11	$\Sigma$ SAR < 1.6, Not required
			Bottom Side	0.00	0.47	-	0.47	$\Sigma$ SAR < 1.6, Not required
23	LTE 4 + BT (DSS)	Body	Rear Face	1.19	0.37	-	1.56	$\Sigma$ SAR < 1.6, Not required
			Left Side	0.16	0.00	-	0.16	$\Sigma$ SAR < 1.6, Not required
			Right Side	0.00	0.00	-	0.00	$\Sigma$ SAR < 1.6, Not required
			Top Side	0.11	0.00	-	0.11	$\Sigma$ SAR < 1.6, Not required
			Bottom Side	0.00	0.20	-	0.20	$\Sigma$ SAR < 1.6, Not required
24	LTE 4 + WLAN (DTS) Ant0 + BT (DSS) Ant1	Body	Rear Face	1.19	0.96	0.37	2.52	<b>Analyzed as below</b>
			Left Side	0.16	0.00	0.00	0.16	$\Sigma$ SAR < 1.6, Not required
			Right Side	0.00	0.63	0.00	0.63	$\Sigma$ SAR < 1.6, Not required
			Top Side	0.11	0.09	0.00	0.20	$\Sigma$ SAR < 1.6, Not required
			Bottom Side	0.00	0.00	0.20	0.20	$\Sigma$ SAR < 1.6, Not required
25	LTE 4 + WLAN (NII) Ant0 + BT (DSS) Ant1	Body	Rear Face	1.19	0.97	0.37	2.53	<b>Analyzed as below</b>
			Left Side	0.16	0.00	0.00	0.16	$\Sigma$ SAR < 1.6, Not required
			Right Side	0.00	0.15	0.00	0.15	$\Sigma$ SAR < 1.6, Not required
			Top Side	0.11	0.00	0.00	0.11	$\Sigma$ SAR < 1.6, Not required
			Bottom Side	0.00	0.00	0.20	0.20	$\Sigma$ SAR < 1.6, Not required

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No.	Conditions (SAR1+SAR2+SAR3)	Exposure Condition	Test Position	Max. SAR1	Max. SAR2	Max. SAR3	SAR Summation	SPLSR Analysis
26	LTE 5 + WLAN (DTS)	Body	Rear Face	0.63	1.03	-	1.66	<b>Analyzed as below</b>
			Left Side	0.10	0.00	-	0.10	$\Sigma$ SAR < 1.6, Not required
			Right Side	0.00	0.63	-	0.63	$\Sigma$ SAR < 1.6, Not required
			Top Side	0.13	0.09	-	0.22	$\Sigma$ SAR < 1.6, Not required
			Bottom Side	0.00	0.57	-	0.57	$\Sigma$ SAR < 1.6, Not required
27	LTE 5 + WLAN (NII)	Body	Rear Face	0.63	0.97	-	1.60	<b>Analyzed as below</b>
			Left Side	0.10	0.00	-	0.10	$\Sigma$ SAR < 1.6, Not required
			Right Side	0.00	0.15	-	0.15	$\Sigma$ SAR < 1.6, Not required
			Top Side	0.13	0.00	-	0.13	$\Sigma$ SAR < 1.6, Not required
			Bottom Side	0.00	0.47	-	0.47	$\Sigma$ SAR < 1.6, Not required
28	LTE 5 + BT (DSS)	Body	Rear Face	0.63	0.37	-	1.00	$\Sigma$ SAR < 1.6, Not required
			Left Side	0.10	0.00	-	0.10	$\Sigma$ SAR < 1.6, Not required
			Right Side	0.00	0.00	-	0.00	$\Sigma$ SAR < 1.6, Not required
			Top Side	0.13	0.00	-	0.13	$\Sigma$ SAR < 1.6, Not required
			Bottom Side	0.00	0.20	-	0.20	$\Sigma$ SAR < 1.6, Not required
29	LTE 5 + WLAN (DTS) Ant0 + BT (DSS) Ant1	Body	Rear Face	0.63	0.96	0.37	1.96	<b>Analyzed as below</b>
			Left Side	0.10	0.00	0.00	0.10	$\Sigma$ SAR < 1.6, Not required
			Right Side	0.00	0.63	0.00	0.63	$\Sigma$ SAR < 1.6, Not required
			Top Side	0.13	0.09	0.00	0.22	$\Sigma$ SAR < 1.6, Not required
			Bottom Side	0.00	0.00	0.20	0.20	$\Sigma$ SAR < 1.6, Not required
30	LTE 5 + WLAN (NII) Ant0 + BT (DSS) Ant1	Body	Rear Face	0.63	0.97	0.37	1.97	<b>Analyzed as below</b>
			Left Side	0.10	0.00	0.00	0.10	$\Sigma$ SAR < 1.6, Not required
			Right Side	0.00	0.15	0.00	0.15	$\Sigma$ SAR < 1.6, Not required
			Top Side	0.13	0.00	0.00	0.13	$\Sigma$ SAR < 1.6, Not required
			Bottom Side	0.00	0.00	0.20	0.20	$\Sigma$ SAR < 1.6, Not required

# FCC SAR Test Report

No.	Conditions (SAR1+SAR2+SAR3)	Exposure Condition	Test Position	Max. SAR1	Max. SAR2	Max. SAR3	SAR Summation	SPLSR Analysis
31	LTE 7 + WLAN (DTS)	Body	Rear Face	1.14	1.03	-	2.17	<b>Analyzed as below</b>
			Left Side	0.65	0.00	-	0.65	$\Sigma$ SAR < 1.6, Not required
			Right Side	0.00	0.63	-	0.63	$\Sigma$ SAR < 1.6, Not required
			Top Side	0.20	0.09	-	0.29	$\Sigma$ SAR < 1.6, Not required
			Bottom Side	0.00	0.57	-	0.57	$\Sigma$ SAR < 1.6, Not required
32	LTE 7 + WLAN (NII)	Body	Rear Face	1.14	0.97	-	2.11	<b>Analyzed as below</b>
			Left Side	0.65	0.00	-	0.65	$\Sigma$ SAR < 1.6, Not required
			Right Side	0.00	0.15	-	0.15	$\Sigma$ SAR < 1.6, Not required
			Top Side	0.20	0.00	-	0.20	$\Sigma$ SAR < 1.6, Not required
			Bottom Side	0.00	0.47	-	0.47	$\Sigma$ SAR < 1.6, Not required
33	LTE 7 + BT (DSS)	Body	Rear Face	1.14	0.37	-	1.51	$\Sigma$ SAR < 1.6, Not required
			Left Side	0.65	0.00	-	0.65	$\Sigma$ SAR < 1.6, Not required
			Right Side	0.00	0.00	-	0.00	$\Sigma$ SAR < 1.6, Not required
			Top Side	0.20	0.00	-	0.20	$\Sigma$ SAR < 1.6, Not required
			Bottom Side	0.00	0.20	-	0.20	$\Sigma$ SAR < 1.6, Not required
34	LTE 7 + WLAN (DTS) Ant0 + BT (DSS) Ant1	Body	Rear Face	1.14	0.96	0.37	2.47	<b>Analyzed as below</b>
			Left Side	0.65	0.00	0.00	0.65	$\Sigma$ SAR < 1.6, Not required
			Right Side	0.00	0.63	0.00	0.63	$\Sigma$ SAR < 1.6, Not required
			Top Side	0.20	0.09	0.00	0.29	$\Sigma$ SAR < 1.6, Not required
			Bottom Side	0.00	0.00	0.20	0.20	$\Sigma$ SAR < 1.6, Not required
35	LTE 7 + WLAN (NII) Ant0 + BT (DSS) Ant1	Body	Rear Face	1.14	0.97	0.37	2.48	<b>Analyzed as below</b>
			Left Side	0.65	0.00	0.00	0.65	$\Sigma$ SAR < 1.6, Not required
			Right Side	0.00	0.15	0.00	0.15	$\Sigma$ SAR < 1.6, Not required
			Top Side	0.20	0.00	0.00	0.20	$\Sigma$ SAR < 1.6, Not required
			Bottom Side	0.00	0.00	0.20	0.20	$\Sigma$ SAR < 1.6, Not required

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No.	Conditions (SAR1+SAR2+SAR3)	Exposure Condition	Test Position	Max. SAR1	Max. SAR2	Max. SAR3	SAR Summation	SPLSR Analysis
36	LTE 12 + WLAN (DTS)	Body	Rear Face	0.77	1.03	-	1.80	<b>Analyzed as below</b>
			Left Side	0.09	0.00	-	0.09	$\Sigma$ SAR < 1.6, Not required
			Right Side	0.00	0.63	-	0.63	$\Sigma$ SAR < 1.6, Not required
			Top Side	0.19	0.09	-	0.28	$\Sigma$ SAR < 1.6, Not required
			Bottom Side	0.00	0.57	-	0.57	$\Sigma$ SAR < 1.6, Not required
37	LTE 12 + WLAN (NII)	Body	Rear Face	0.77	0.97	-	1.74	<b>Analyzed as below</b>
			Left Side	0.09	0.00	-	0.09	$\Sigma$ SAR < 1.6, Not required
			Right Side	0.00	0.15	-	0.15	$\Sigma$ SAR < 1.6, Not required
			Top Side	0.19	0.00	-	0.19	$\Sigma$ SAR < 1.6, Not required
			Bottom Side	0.00	0.47	-	0.47	$\Sigma$ SAR < 1.6, Not required
38	LTE 12 + BT (DSS)	Body	Rear Face	0.77	0.37	-	1.14	$\Sigma$ SAR < 1.6, Not required
			Left Side	0.09	0.00	-	0.09	$\Sigma$ SAR < 1.6, Not required
			Right Side	0.00	0.00	-	0.00	$\Sigma$ SAR < 1.6, Not required
			Top Side	0.19	0.00	-	0.19	$\Sigma$ SAR < 1.6, Not required
			Bottom Side	0.00	0.20	-	0.20	$\Sigma$ SAR < 1.6, Not required
39	LTE 12 + WLAN (DTS) Ant0 + BT (DSS) Ant1	Body	Rear Face	0.77	0.96	0.37	2.10	<b>Analyzed as below</b>
			Left Side	0.09	0.00	0.00	0.09	$\Sigma$ SAR < 1.6, Not required
			Right Side	0.00	0.63	0.00	0.63	$\Sigma$ SAR < 1.6, Not required
			Top Side	0.19	0.09	0.00	0.28	$\Sigma$ SAR < 1.6, Not required
			Bottom Side	0.00	0.00	0.20	0.20	$\Sigma$ SAR < 1.6, Not required
40	LTE 12 + WLAN (NII) Ant0 + BT (DSS) Ant1	Body	Rear Face	0.77	0.97	0.37	2.11	<b>Analyzed as below</b>
			Left Side	0.09	0.00	0.00	0.09	$\Sigma$ SAR < 1.6, Not required
			Right Side	0.00	0.15	0.00	0.15	$\Sigma$ SAR < 1.6, Not required
			Top Side	0.19	0.00	0.00	0.19	$\Sigma$ SAR < 1.6, Not required
			Bottom Side	0.00	0.00	0.20	0.20	$\Sigma$ SAR < 1.6, Not required

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No.	Conditions (SAR1+SAR2+SAR3)	Exposure Condition	Test Position	Max. SAR1	Max. SAR2	Max. SAR3	SAR Summation	SPLSR Analysis
41	LTE 13 + WLAN (DTS)	Body	Rear Face	0.69	1.03	-	1.72	<b>Analyzed as below</b>
			Left Side	0.08	0.00	-	0.08	$\Sigma$ SAR < 1.6, Not required
			Right Side	0.00	0.63	-	0.63	$\Sigma$ SAR < 1.6, Not required
			Top Side	0.21	0.09	-	0.30	$\Sigma$ SAR < 1.6, Not required
			Bottom Side	0.00	0.57	-	0.57	$\Sigma$ SAR < 1.6, Not required
42	LTE 13 + WLAN (NII)	Body	Rear Face	0.69	0.97	-	1.66	<b>Analyzed as below</b>
			Left Side	0.08	0.00	-	0.08	$\Sigma$ SAR < 1.6, Not required
			Right Side	0.00	0.15	-	0.15	$\Sigma$ SAR < 1.6, Not required
			Top Side	0.21	0.00	-	0.21	$\Sigma$ SAR < 1.6, Not required
			Bottom Side	0.00	0.47	-	0.47	$\Sigma$ SAR < 1.6, Not required
43	LTE 13 + BT (DSS)	Body	Rear Face	0.69	0.37	-	1.06	$\Sigma$ SAR < 1.6, Not required
			Left Side	0.08	0.00	-	0.08	$\Sigma$ SAR < 1.6, Not required
			Right Side	0.00	0.00	-	0.00	$\Sigma$ SAR < 1.6, Not required
			Top Side	0.21	0.00	-	0.21	$\Sigma$ SAR < 1.6, Not required
			Bottom Side	0.00	0.20	-	0.20	$\Sigma$ SAR < 1.6, Not required
44	LTE 13 + WLAN (DTS) Ant0 + BT (DSS) Ant1	Body	Rear Face	0.69	0.96	0.37	2.02	<b>Analyzed as below</b>
			Left Side	0.08	0.00	0.00	0.08	$\Sigma$ SAR < 1.6, Not required
			Right Side	0.00	0.63	0.00	0.63	$\Sigma$ SAR < 1.6, Not required
			Top Side	0.21	0.09	0.00	0.30	$\Sigma$ SAR < 1.6, Not required
			Bottom Side	0.00	0.00	0.20	0.20	$\Sigma$ SAR < 1.6, Not required
45	LTE 13 + WLAN (NII) Ant0 + BT (DSS) Ant1	Body	Rear Face	0.69	0.97	0.37	2.03	<b>Analyzed as below</b>
			Left Side	0.08	0.00	0.00	0.08	$\Sigma$ SAR < 1.6, Not required
			Right Side	0.00	0.15	0.00	0.15	$\Sigma$ SAR < 1.6, Not required
			Top Side	0.21	0.00	0.00	0.21	$\Sigma$ SAR < 1.6, Not required
			Bottom Side	0.00	0.00	0.20	0.20	$\Sigma$ SAR < 1.6, Not required



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No.	Conditions (SAR1+SAR2+SAR3)	Exposure Condition	Test Position	Max. SAR1	Max. SAR2	Max. SAR3	SAR Summation	SPLSR Analysis
46	LTE 17 + WLAN (DTS)	Body	Rear Face	0.73	1.03	-	1.76	<b>Analyzed as below</b>
			Left Side	0.11	0.00	-	0.11	$\Sigma$ SAR < 1.6, Not required
			Right Side	0.00	0.63	-	0.63	$\Sigma$ SAR < 1.6, Not required
			Top Side	0.23	0.09	-	0.32	$\Sigma$ SAR < 1.6, Not required
			Bottom Side	0.00	0.57	-	0.57	$\Sigma$ SAR < 1.6, Not required
47	LTE 17 + WLAN (NII)	Body	Rear Face	0.73	0.97	-	1.70	<b>Analyzed as below</b>
			Left Side	0.11	0.00	-	0.11	$\Sigma$ SAR < 1.6, Not required
			Right Side	0.00	0.15	-	0.15	$\Sigma$ SAR < 1.6, Not required
			Top Side	0.23	0.00	-	0.23	$\Sigma$ SAR < 1.6, Not required
			Bottom Side	0.00	0.47	-	0.47	$\Sigma$ SAR < 1.6, Not required
48	LTE 17 + BT (DSS)	Body	Rear Face	0.73	0.37	-	1.10	$\Sigma$ SAR < 1.6, Not required
			Left Side	0.11	0.00	-	0.11	$\Sigma$ SAR < 1.6, Not required
			Right Side	0.00	0.00	-	0.00	$\Sigma$ SAR < 1.6, Not required
			Top Side	0.23	0.00	-	0.23	$\Sigma$ SAR < 1.6, Not required
			Bottom Side	0.00	0.20	-	0.20	$\Sigma$ SAR < 1.6, Not required
49	LTE 17 + WLAN (DTS) Ant0 + BT (DSS) Ant1	Body	Rear Face	0.73	0.96	0.37	2.06	<b>Analyzed as below</b>
			Left Side	0.11	0.00	0.00	0.11	$\Sigma$ SAR < 1.6, Not required
			Right Side	0.00	0.63	0.00	0.63	$\Sigma$ SAR < 1.6, Not required
			Top Side	0.23	0.09	0.00	0.32	$\Sigma$ SAR < 1.6, Not required
			Bottom Side	0.00	0.00	0.20	0.20	$\Sigma$ SAR < 1.6, Not required
50	LTE 17 + WLAN (NII) Ant0 + BT (DSS) Ant1	Body	Rear Face	0.73	0.97	0.37	2.07	<b>Analyzed as below</b>
			Left Side	0.11	0.00	0.00	0.11	$\Sigma$ SAR < 1.6, Not required
			Right Side	0.00	0.15	0.00	0.15	$\Sigma$ SAR < 1.6, Not required
			Top Side	0.23	0.00	0.00	0.23	$\Sigma$ SAR < 1.6, Not required
			Bottom Side	0.00	0.00	0.20	0.20	$\Sigma$ SAR < 1.6, Not required

# FCC SAR Test Report

No.	Conditions (SAR1+SAR2+SAR3)	Exposure Condition	Test Position	Max. SAR1	Max. SAR2	Max. SAR3	SAR Summation	SPLSR Analysis
51	LTE 26 + WLAN (DTS)	Body	Rear Face	0.63	1.03	-	1.66	<b>Analyzed as below</b>
			Left Side	0.08	0.00	-	0.08	$\Sigma$ SAR < 1.6, Not required
			Right Side	0.00	0.63	-	0.63	$\Sigma$ SAR < 1.6, Not required
			Top Side	0.15	0.09	-	0.24	$\Sigma$ SAR < 1.6, Not required
			Bottom Side	0.00	0.57	-	0.57	$\Sigma$ SAR < 1.6, Not required
52	LTE 26 + WLAN (NII)	Body	Rear Face	0.63	0.97	-	1.60	<b>Analyzed as below</b>
			Left Side	0.08	0.00	-	0.08	$\Sigma$ SAR < 1.6, Not required
			Right Side	0.00	0.15	-	0.15	$\Sigma$ SAR < 1.6, Not required
			Top Side	0.15	0.00	-	0.15	$\Sigma$ SAR < 1.6, Not required
			Bottom Side	0.00	0.47	-	0.47	$\Sigma$ SAR < 1.6, Not required
53	LTE 26 + BT (DSS)	Body	Rear Face	0.63	0.37	-	1.00	$\Sigma$ SAR < 1.6, Not required
			Left Side	0.08	0.00	-	0.08	$\Sigma$ SAR < 1.6, Not required
			Right Side	0.00	0.00	-	0.00	$\Sigma$ SAR < 1.6, Not required
			Top Side	0.15	0.00	-	0.15	$\Sigma$ SAR < 1.6, Not required
			Bottom Side	0.00	0.20	-	0.20	$\Sigma$ SAR < 1.6, Not required
54	LTE 26 + WLAN (DTS) Ant0 + BT (DSS) Ant1	Body	Rear Face	0.63	0.96	0.37	1.96	<b>Analyzed as below</b>
			Left Side	0.08	0.00	0.00	0.08	$\Sigma$ SAR < 1.6, Not required
			Right Side	0.00	0.63	0.00	0.63	$\Sigma$ SAR < 1.6, Not required
			Top Side	0.15	0.09	0.00	0.24	$\Sigma$ SAR < 1.6, Not required
			Bottom Side	0.00	0.00	0.20	0.20	$\Sigma$ SAR < 1.6, Not required
55	LTE 26 + WLAN (NII) Ant0 + BT (DSS) Ant1	Body	Rear Face	0.63	0.97	0.37	1.97	<b>Analyzed as below</b>
			Left Side	0.08	0.00	0.00	0.08	$\Sigma$ SAR < 1.6, Not required
			Right Side	0.00	0.15	0.00	0.15	$\Sigma$ SAR < 1.6, Not required
			Top Side	0.15	0.00	0.00	0.15	$\Sigma$ SAR < 1.6, Not required
			Bottom Side	0.00	0.00	0.20	0.20	$\Sigma$ SAR < 1.6, Not required

# FCC SAR Test Report

No.	Conditions (SAR1+SAR2+SAR3)	Exposure Condition	Test Position	Max. SAR1	Max. SAR2	Max. SAR3	SAR Summation	SPLSR Analysis
56	LTE 30 + WLAN (DTS)	Body	Rear Face	0.85	1.03	-	1.88	<b>Analyzed as below</b>
			Left Side	0.22	0.00	-	0.22	$\Sigma$ SAR < 1.6, Not required
			Right Side	0.00	0.63	-	0.63	$\Sigma$ SAR < 1.6, Not required
			Top Side	0.37	0.09	-	0.46	$\Sigma$ SAR < 1.6, Not required
			Bottom Side	0.00	0.57	-	0.57	$\Sigma$ SAR < 1.6, Not required
57	LTE 30 + WLAN (NII)	Body	Rear Face	0.85	0.97	-	1.82	<b>Analyzed as below</b>
			Left Side	0.22	0.00	-	0.22	$\Sigma$ SAR < 1.6, Not required
			Right Side	0.00	0.15	-	0.15	$\Sigma$ SAR < 1.6, Not required
			Top Side	0.37	0.00	-	0.37	$\Sigma$ SAR < 1.6, Not required
			Bottom Side	0.00	0.47	-	0.47	$\Sigma$ SAR < 1.6, Not required
58	LTE 30 + BT (DSS)	Body	Rear Face	0.85	0.37	-	1.22	$\Sigma$ SAR < 1.6, Not required
			Left Side	0.22	0.00	-	0.22	$\Sigma$ SAR < 1.6, Not required
			Right Side	0.00	0.00	-	0.00	$\Sigma$ SAR < 1.6, Not required
			Top Side	0.37	0.00	-	0.37	$\Sigma$ SAR < 1.6, Not required
			Bottom Side	0.00	0.20	-	0.20	$\Sigma$ SAR < 1.6, Not required
59	LTE 30 + WLAN (DTS) Ant0 + BT (DSS) Ant1	Body	Rear Face	0.85	0.96	0.37	2.18	<b>Analyzed as below</b>
			Left Side	0.22	0.00	0.00	0.22	$\Sigma$ SAR < 1.6, Not required
			Right Side	0.00	0.63	0.00	0.63	$\Sigma$ SAR < 1.6, Not required
			Top Side	0.37	0.09	0.00	0.46	$\Sigma$ SAR < 1.6, Not required
			Bottom Side	0.00	0.00	0.20	0.20	$\Sigma$ SAR < 1.6, Not required
60	LTE 30 + WLAN (NII) Ant0 + BT (DSS) Ant1	Body	Rear Face	0.85	0.97	0.37	2.19	<b>Analyzed as below</b>
			Left Side	0.22	0.00	0.00	0.22	$\Sigma$ SAR < 1.6, Not required
			Right Side	0.00	0.15	0.00	0.15	$\Sigma$ SAR < 1.6, Not required
			Top Side	0.37	0.00	0.00	0.37	$\Sigma$ SAR < 1.6, Not required
			Bottom Side	0.00	0.00	0.20	0.20	$\Sigma$ SAR < 1.6, Not required

# FCC SAR Test Report

No.	Conditions (SAR1+SAR2+SAR3)	Exposure Condition	Test Position	Max. SAR1	Max. SAR2	Max. SAR3	SAR Summation	SPLSR Analysis
61	LTE 38 + WLAN (DTS)	Body	Rear Face	1.17	1.03	-	2.20	<b>Analyzed as below</b>
			Left Side	0.36	0.00	-	0.36	$\Sigma$ SAR < 1.6, Not required
			Right Side	0.00	0.63	-	0.63	$\Sigma$ SAR < 1.6, Not required
			Top Side	0.28	0.09	-	0.37	$\Sigma$ SAR < 1.6, Not required
			Bottom Side	0.00	0.57	-	0.57	$\Sigma$ SAR < 1.6, Not required
62	LTE 38 + WLAN (NII)	Body	Rear Face	1.17	0.97	-	2.14	<b>Analyzed as below</b>
			Left Side	0.36	0.00	-	0.36	$\Sigma$ SAR < 1.6, Not required
			Right Side	0.00	0.15	-	0.15	$\Sigma$ SAR < 1.6, Not required
			Top Side	0.28	0.00	-	0.28	$\Sigma$ SAR < 1.6, Not required
			Bottom Side	0.00	0.47	-	0.47	$\Sigma$ SAR < 1.6, Not required
63	LTE 38 + BT (DSS)	Body	Rear Face	1.17	0.37	-	1.54	$\Sigma$ SAR < 1.6, Not required
			Left Side	0.36	0.00	-	0.36	$\Sigma$ SAR < 1.6, Not required
			Right Side	0.00	0.00	-	0.00	$\Sigma$ SAR < 1.6, Not required
			Top Side	0.28	0.00	-	0.28	$\Sigma$ SAR < 1.6, Not required
			Bottom Side	0.00	0.20	-	0.20	$\Sigma$ SAR < 1.6, Not required
64	LTE 38 + WLAN (DTS) Ant0 + BT (DSS) Ant1	Body	Rear Face	1.17	0.96	0.37	2.50	<b>Analyzed as below</b>
			Left Side	0.36	0.00	0.00	0.36	$\Sigma$ SAR < 1.6, Not required
			Right Side	0.00	0.63	0.00	0.63	$\Sigma$ SAR < 1.6, Not required
			Top Side	0.28	0.09	0.00	0.37	$\Sigma$ SAR < 1.6, Not required
			Bottom Side	0.00	0.00	0.20	0.20	$\Sigma$ SAR < 1.6, Not required
65	LTE 38 + WLAN (NII) Ant0 + BT (DSS) Ant1	Body	Rear Face	1.17	0.97	0.37	2.51	<b>Analyzed as below</b>
			Left Side	0.36	0.00	0.00	0.36	$\Sigma$ SAR < 1.6, Not required
			Right Side	0.00	0.15	0.00	0.15	$\Sigma$ SAR < 1.6, Not required
			Top Side	0.28	0.00	0.00	0.28	$\Sigma$ SAR < 1.6, Not required
			Bottom Side	0.00	0.00	0.20	0.20	$\Sigma$ SAR < 1.6, Not required

# FCC SAR Test Report

No.	Conditions (SAR1+SAR2+SAR3)	Exposure Condition	Test Position	Max. SAR1	Max. SAR2	Max. SAR3	SAR Summation	SPLSR Analysis
66	LTE 41 + WLAN (DTS)	Body	Rear Face	1.06	1.03	-	2.09	<b>Analyzed as below</b>
			Left Side	0.33	0.00	-	0.33	$\Sigma$ SAR < 1.6, Not required
			Right Side	0.00	0.63	-	0.63	$\Sigma$ SAR < 1.6, Not required
			Top Side	0.14	0.09	-	0.23	$\Sigma$ SAR < 1.6, Not required
			Bottom Side	0.00	0.57	-	0.57	$\Sigma$ SAR < 1.6, Not required
67	LTE 41 + WLAN (NII)	Body	Rear Face	1.06	0.97	-	2.03	<b>Analyzed as below</b>
			Left Side	0.33	0.00	-	0.33	$\Sigma$ SAR < 1.6, Not required
			Right Side	0.00	0.15	-	0.15	$\Sigma$ SAR < 1.6, Not required
			Top Side	0.14	0.00	-	0.14	$\Sigma$ SAR < 1.6, Not required
			Bottom Side	0.00	0.47	-	0.47	$\Sigma$ SAR < 1.6, Not required
68	LTE 41 + BT (DSS)	Body	Rear Face	1.06	0.37	-	1.43	$\Sigma$ SAR < 1.6, Not required
			Left Side	0.33	0.00	-	0.33	$\Sigma$ SAR < 1.6, Not required
			Right Side	0.00	0.00	-	0.00	$\Sigma$ SAR < 1.6, Not required
			Top Side	0.14	0.00	-	0.14	$\Sigma$ SAR < 1.6, Not required
			Bottom Side	0.00	0.20	-	0.20	$\Sigma$ SAR < 1.6, Not required
69	LTE 41 + WLAN (DTS) Ant0 + BT (DSS) Ant1	Body	Rear Face	1.06	0.96	0.37	2.39	<b>Analyzed as below</b>
			Left Side	0.33	0.00	0.00	0.33	$\Sigma$ SAR < 1.6, Not required
			Right Side	0.00	0.63	0.00	0.63	$\Sigma$ SAR < 1.6, Not required
			Top Side	0.14	0.09	0.00	0.23	$\Sigma$ SAR < 1.6, Not required
			Bottom Side	0.00	0.00	0.20	0.20	$\Sigma$ SAR < 1.6, Not required
70	LTE 41 + WLAN (NII) Ant0 + BT (DSS) Ant1	Body	Rear Face	1.06	0.97	0.37	2.40	<b>Analyzed as below</b>
			Left Side	0.33	0.00	0.00	0.33	$\Sigma$ SAR < 1.6, Not required
			Right Side	0.00	0.15	0.00	0.15	$\Sigma$ SAR < 1.6, Not required
			Top Side	0.14	0.00	0.00	0.14	$\Sigma$ SAR < 1.6, Not required
			Bottom Side	0.00	0.00	0.20	0.20	$\Sigma$ SAR < 1.6, Not required

# FCC SAR Test Report

No.	Conditions (SAR1+SAR2+SAR3)	Exposure Condition	Test Position	Max. SAR1	Max. SAR2	Max. SAR3	SAR Summation	SPLSR Analysis
71	LTE 66 + WLAN (DTS)	Body	Rear Face	0.95	1.03	-	1.98	<b>Analyzed as below</b>
			Left Side	0.17	0.00	-	0.17	$\Sigma$ SAR < 1.6, Not required
			Right Side	0.00	0.63	-	0.63	$\Sigma$ SAR < 1.6, Not required
			Top Side	0.10	0.09	-	0.19	$\Sigma$ SAR < 1.6, Not required
			Bottom Side	0.00	0.57	-	0.57	$\Sigma$ SAR < 1.6, Not required
72	LTE 66 + WLAN (NII)	Body	Rear Face	0.95	0.97	-	1.92	<b>Analyzed as below</b>
			Left Side	0.17	0.00	-	0.17	$\Sigma$ SAR < 1.6, Not required
			Right Side	0.00	0.15	-	0.15	$\Sigma$ SAR < 1.6, Not required
			Top Side	0.10	0.00	-	0.10	$\Sigma$ SAR < 1.6, Not required
			Bottom Side	0.00	0.47	-	0.47	$\Sigma$ SAR < 1.6, Not required
73	LTE 66 + BT (DSS)	Body	Rear Face	0.95	0.37	-	1.32	$\Sigma$ SAR < 1.6, Not required
			Left Side	0.17	0.00	-	0.17	$\Sigma$ SAR < 1.6, Not required
			Right Side	0.00	0.00	-	0.00	$\Sigma$ SAR < 1.6, Not required
			Top Side	0.10	0.00	-	0.10	$\Sigma$ SAR < 1.6, Not required
			Bottom Side	0.00	0.20	-	0.20	$\Sigma$ SAR < 1.6, Not required
74	LTE 66 + WLAN (DTS) Ant0 + BT (DSS) Ant1	Body	Rear Face	0.95	0.96	0.37	2.28	<b>Analyzed as below</b>
			Left Side	0.17	0.00	0.00	0.17	$\Sigma$ SAR < 1.6, Not required
			Right Side	0.00	0.63	0.00	0.63	$\Sigma$ SAR < 1.6, Not required
			Top Side	0.10	0.09	0.00	0.19	$\Sigma$ SAR < 1.6, Not required
			Bottom Side	0.00	0.00	0.20	0.20	$\Sigma$ SAR < 1.6, Not required
75	LTE 66 + WLAN (NII) Ant0 + BT (DSS) Ant1	Body	Rear Face	0.95	0.97	0.37	2.29	<b>Analyzed as below</b>
			Left Side	0.17	0.00	0.00	0.17	$\Sigma$ SAR < 1.6, Not required
			Right Side	0.00	0.15	0.00	0.15	$\Sigma$ SAR < 1.6, Not required
			Top Side	0.10	0.00	0.00	0.10	$\Sigma$ SAR < 1.6, Not required
			Bottom Side	0.00	0.00	0.20	0.20	$\Sigma$ SAR < 1.6, Not required

### <SAR to Peak Location Separation Ratio Analysis>

The simultaneous transmitting antennas in each operating mode and exposure condition combination are considered one pair at a time to determine the SPLSR. When SAR is measured for both antennas in the pair, the peak location separation distance is computed by the following formula.

$$\text{Peak Location Separation Distance} = \sqrt{(x_1 - x_2)^2 + (y_1 - y_2)^2 + (z_1 - z_2)^2}$$

Where  $(x_1, y_1, z_1)$  and  $(x_2, y_2, z_2)$  are the coordinates of the extrapolated peak SAR locations in the area or zoom scans.

When standalone test exclusion applies, SAR is estimated; the peak location is assumed to be at the feed-point or geometric center of the antenna. Due to curvatures on the SAM phantom, when SAR is estimated for one of the antennas in an antenna pair, the measured peak SAR location will be translated onto the test device to determine the peak location separation for the antenna pair.

The SPLSR is determined by the following formula.

$$\text{SPLSR} = \frac{(\text{SAR}_1 + \text{SAR}_2)^{1.5}}{R_i}$$

Where  $\text{SAR}_1$  and  $\text{SAR}_2$  are the highest reported or estimated SAR for each antenna in the pair, and  $R_i$  is the separation distance between the peak SAR locations for the antenna pair in mm.


When the SPLSR is  $\leq 0.04$ , the simultaneous transmission SAR is not required. Otherwise, the enlarged zoom scan and volume scan post-processing procedures will be performed.

# FCC SAR Test Report

## Laptop PC Mode

Conditions	Exposure Condition	Test Position	SAR Value (W/kg)	Coordinates			Peak Location Separation Distance (R <sub>i</sub> , mm)	SPLSR	Simultaneous Transmission SAR Test
				x	y	z			
WCDMA II Ch9400	Body	Bottom Side	0.46	-94.6	-113.2	6.24	265.1	0.01	SPLSR ≤ 0.04, Not required
802.11b Ch6			1.16	-92.3	151.8	-1.3			

Conditions	Exposure Condition	Test Position	SAR Value (W/kg)	Coordinates			Peak Location Separation Distance (R <sub>i</sub> , mm)	SPLSR	Simultaneous Transmission SAR Test
				x	y	z			
WCDMA II Ch9538	Body	Bottom Side	0.46	-94.6	-113.2	6.24	207.2	0.01	SPLSR ≤ 0.04, Not required
802.11a Ch126			1.16	108	-70.5	-1.35			






# FCC SAR Test Report

Conditions	Exposure Condition	Test Position	SAR Value (W/kg)	Coordinates			Peak Location Separation Distance (R <sub>i</sub> , mm)	SPLSR	Simultaneous Transmission SAR Test
				x	y	z			
WCDMA II Ch9538	Body	Bottom Side	0.46	-94.6	-113.2	6.24	265.1	0.01	SPLSR ≤ 0.04, Not required
802.11b Ch6_Ant0			1.16	-92.3	151.8	-1.3			
WCDMA II Ch9538	Body	Bottom Side	0.46	-94.6	-113.2	6.24	197.9	0.00	SPLSR ≤ 0.04, Not required
BT Ch39_Ant1			0.03	98.9	-72.5	-1.3			
802.11b Ch6_Ant0	Body	Bottom Side	1.16	-92.3	151.8	-1.3	294.7	0.00	SPLSR ≤ 0.04, Not required
BT Ch39_Ant1			0.03	98.9	-72.5	-1.3			



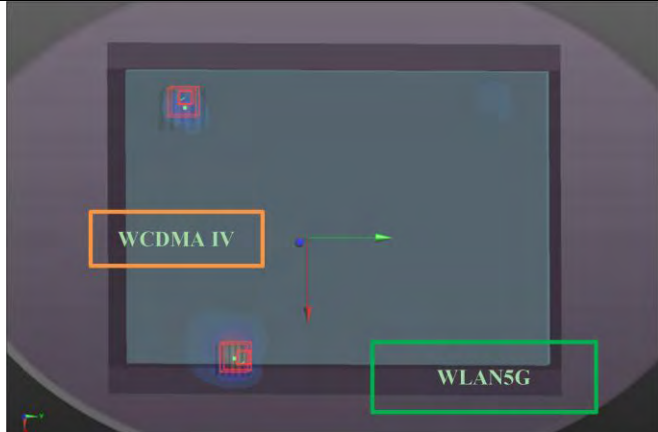
# FCC SAR Test Report

Conditions	Exposure Condition	Test Position	SAR Value (W/kg)	Coordinates			Peak Location Separation Distance (R <sub>i</sub> , mm)	SPLSR	Simultaneous Transmission SAR Test
				x	y	z			
WCDMA IV Ch1312	Body	Bottom Side	0.6	-94.6	-113.9	6.26	265.8	0.01	SPLSR ≤ 0.04, Not required
802.11b Ch6			1.16	-92.3	151.8	-1.3			



The diagram illustrates the SAR test setup. It shows a top-down view of a device with two antennas: WCDMA IV (highlighted with an orange box) and WLAN2.G\_Ant0 (highlighted with a green box). A coordinate system is centered between the antennas, with a red arrow pointing downwards and a green arrow pointing to the right. The device is surrounded by a dark, oval-shaped area representing the test environment.

Conditions	Exposure Condition	Test Position	SAR Value (W/kg)	Coordinates			Peak Location Separation Distance (R <sub>i</sub> , mm)	SPLSR	Simultaneous Transmission SAR Test
				x	y	z			
WCDMA IV Ch1312	Body	Bottom Side	0.6	-94.6	-113.9	6.26	207.3	0.01	SPLSR ≤ 0.04, Not required
802.11a Ch126			1.16	108	-70.5	-1.35			

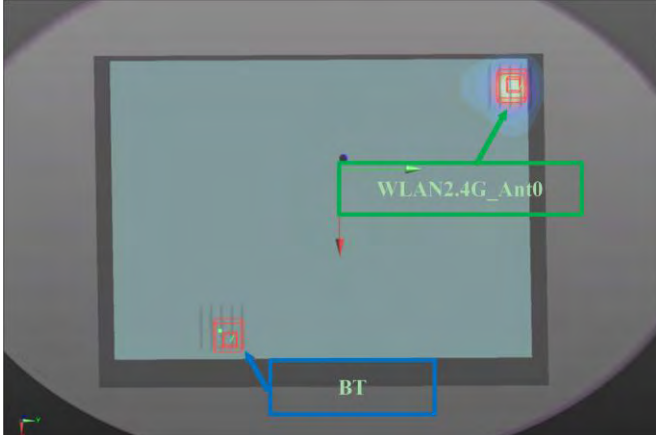


# FCC SAR Test Report

Conditions	Exposure Condition	Test Position	SAR Value (W/kg)	Coordinates			Peak Location Separation Distance (R <sub>i</sub> , mm)	SPLSR	Simultaneous Transmission SAR Test
				x	y	z			
WCDMA IV Ch1312	Body	Bottom Side	0.6	-94.6	-113.9	6.26	265.8	0.01	SPLSR ≤ 0.04, Not required
802.11b Ch6_Ant0			1.16	-92.3	151.8	-1.3			
WCDMA IV Ch1312	Body	Bottom Side	0.6	-94.6	-113.9	6.26	198.0	0.00	SPLSR ≤ 0.04, Not required
BT Ch39_Ant1			0.03	98.9	-72.5	-1.3			
802.11b Ch6_Ant0	Body	Bottom Side	1.16	-92.3	151.8	-1.3	294.7	0.00	SPLSR ≤ 0.04, Not required
BT Ch39_Ant1			0.03	98.9	-72.5	-1.3			

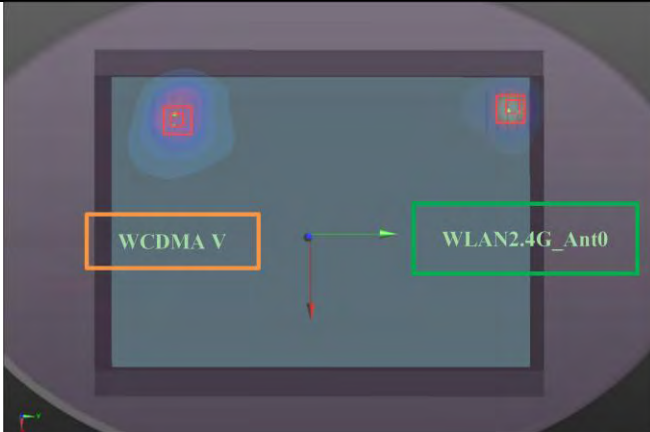






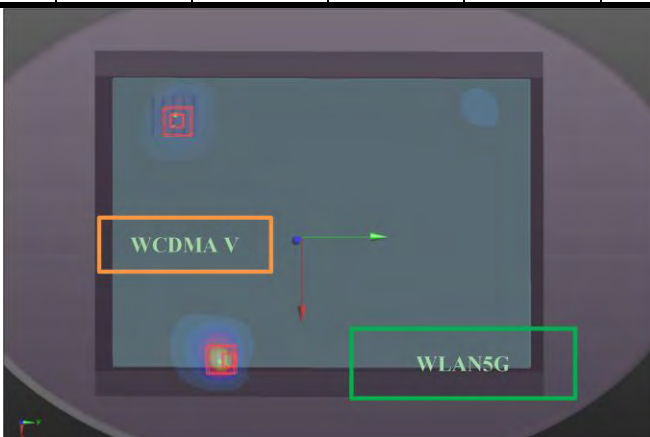
# FCC SAR Test Report

Conditions	Exposure Condition	Test Position	SAR Value (W/kg)	Coordinates			Peak Location Separation Distance (R <sub>i</sub> , mm)	SPLSR	Simultaneous Transmission SAR Test
				x	y	z			
WCDMA V Ch4233	Body	Bottom Side	0.74	-80.2	-111.4	3.84	263.5	0.01	SPLSR ≤ 0.04, Not required
802.11b Ch6			1.16	-92.3	151.8	-1.3			



The diagram shows a top-down view of a device with two active regions. A blue rectangular area on the left is labeled "WCDMA V" in an orange box. A green rectangular area on the right is labeled "WLAN2.4G\_Ant0" in a green box. A red double-headed arrow indicates the distance between the centers of these two regions. The background is a dark grey with some lighter grey areas representing the device's shape.

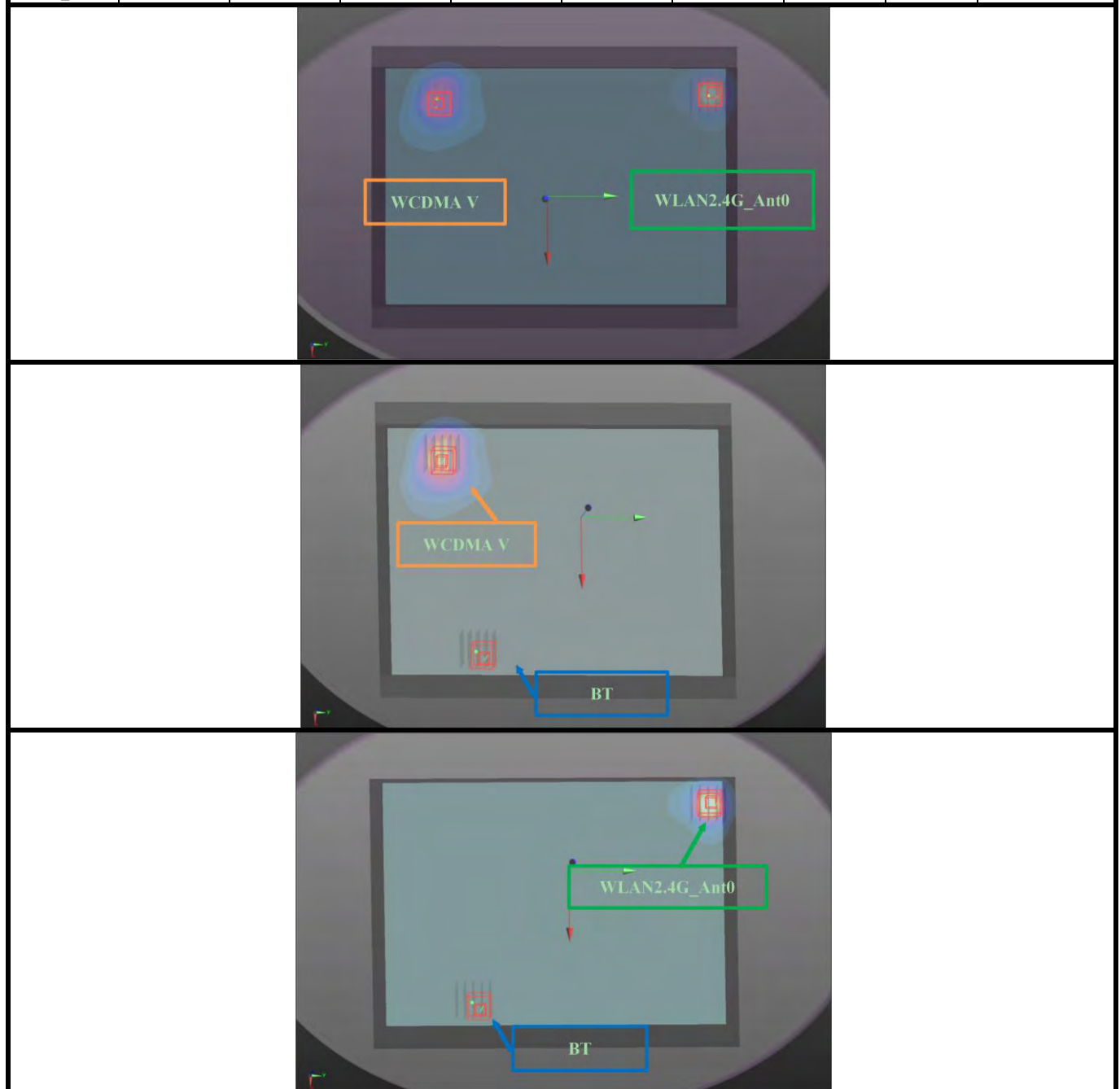
Conditions	Exposure Condition	Test Position	SAR Value (W/kg)	Coordinates			Peak Location Separation Distance (R <sub>i</sub> , mm)	SPLSR	Simultaneous Transmission SAR Test
				x	y	z			
WCDMA V Ch4233	Body	Bottom Side	0.74	-80.2	-111.4	3.84	192.7	0.01	SPLSR ≤ 0.04, Not required
802.11a Ch126			1.16	108	-70.5	-1.35			



The diagram shows a top-down view of a device with two active regions. A blue rectangular area on the left is labeled "WCDMA V" in an orange box. A green rectangular area on the right is labeled "WLAN5G" in a green box. A red double-headed arrow indicates the distance between the centers of these two regions. The background is a dark grey with some lighter grey areas representing the device's shape.

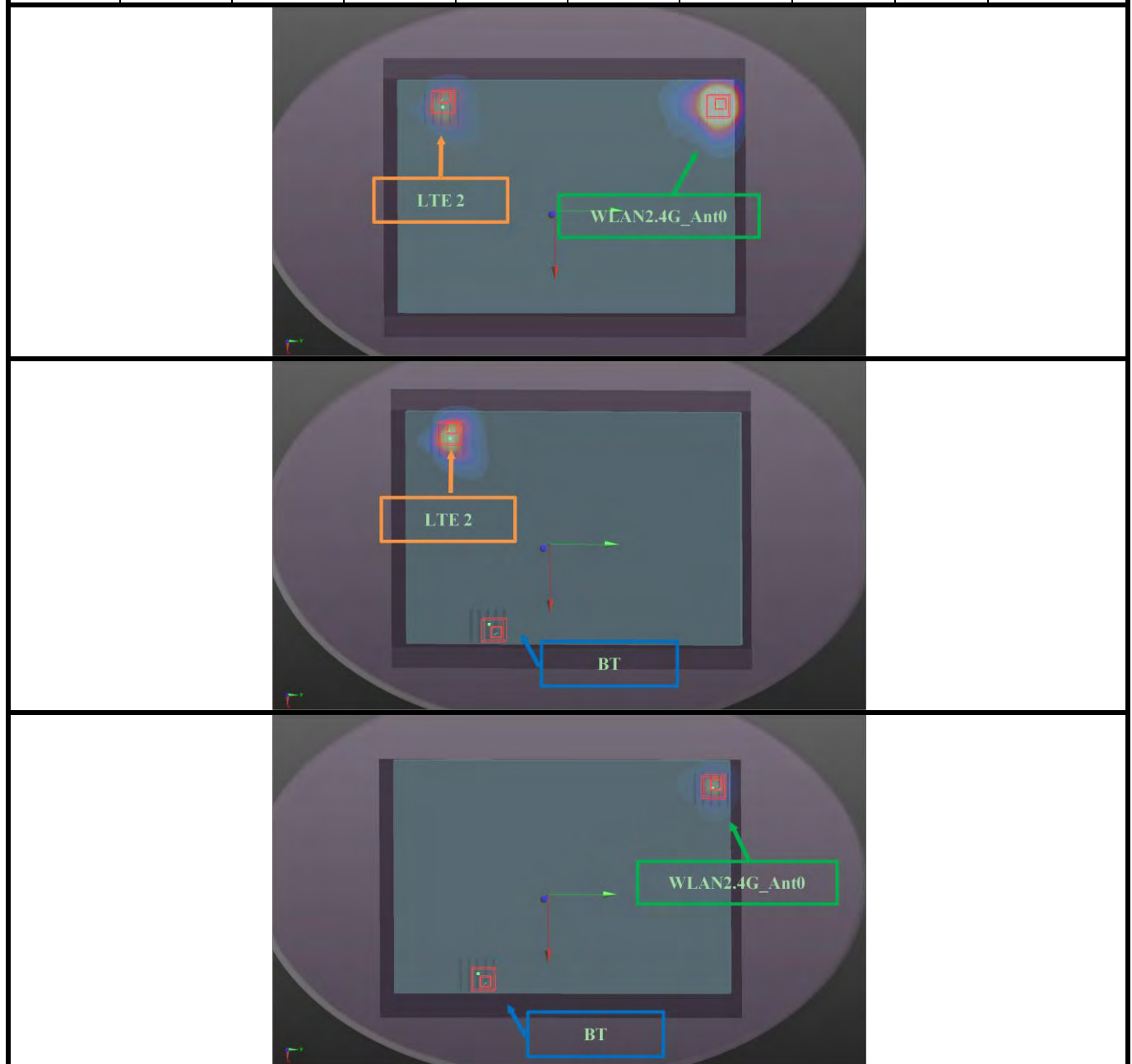
# FCC SAR Test Report

Conditions	Exposure Condition	Test Position	SAR Value (W/kg)	Coordinates			Peak Location Separation Distance (R <sub>i</sub> , mm)	SPLSR	Simultaneous Transmission SAR Test
				x	y	z			
WCDMA V Ch4233	Body	Bottom Side	0.74	-80.2	-111.4	3.84	263.5	0.01	SPLSR ≤ 0.04, Not required
802.11b Ch6_Ant0			1.16	-92.3	151.8	-1.3			
WCDMA V Ch4233	Body	Bottom Side	0.74	-80.2	-111.4	3.84	183.3	0.00	SPLSR ≤ 0.04, Not required
BT Ch39_Ant1			0.03	98.9	-72.5	-1.3			
802.11b Ch6_Ant0	Body	Bottom Side	1.16	-92.3	151.8	-1.3	294.7	0.00	SPLSR ≤ 0.04, Not required
BT Ch39_Ant1			0.03	98.9	-72.5	-1.3			




# FCC SAR Test Report

Conditions	Exposure Condition	Test Position	SAR Value (W/kg)	Coordinates			Peak Location Separation Distance (R <sub>i</sub> , mm)	SPLSR	Simultaneous Transmission SAR Test
				x	y	z			
LTE 2 Ch18700	Body	Bottom Side	0.42	-98.7	-113.2	6.12	265.2	0.01	SPLSR ≤ 0.04, Not required
WLAN (DTS) Ant0			1.16	-92.3	151.8	-1.3			
LTE 2 Ch18700	Body	Bottom Side	0.42	-98.7	-113.2	6.12	201.09	0.00	SPLSR ≤ 0.04, Not required
BT (DSS) Ant1			0.03	98.9	-72.5	-1.3			
WLAN (DTS) Ant0	Body	Bottom Side	1.16	-92.3	151.8	-1.3	294.7	0.00	SPLSR ≤ 0.04, Not required
BT (DSS) Ant1			0.03	98.9	-72.5	-1.3			




# FCC SAR Test Report

Conditions	Exposure Condition	Test Position	SAR Value (W/kg)	Coordinates			Peak Location Separation Distance (R <sub>i</sub> , mm)	SPLSR	Simultaneous Transmission SAR Test
				x	y	z			
LTE 4 Ch20050	Body	Bottom Side	0.6	-98	-111.6	6.07	263.6	0.01	SPLSR ≤ 0.04, Not required
802.11b Ch6			1.16	-92.3	151.8	-1.3			



The visualization shows a top-down view of a device with two active antennas. The LTE 4 antenna is highlighted with an orange box, and the WLAN2.4G\_Ant0 antenna is highlighted with a green box. A red arrow indicates the direction of the electromagnetic field vector between the two antennas.

Conditions	Exposure Condition	Test Position	SAR Value (W/kg)	Coordinates			Peak Location Separation Distance (R <sub>i</sub> , mm)	SPLSR	Simultaneous Transmission SAR Test
				x	y	z			
LTE 4 Ch20050	Body	Bottom Side	0.6	-98	-111.6	6.07	210.2	0.01	SPLSR ≤ 0.04, Not required
802.11a Ch126			1.16	108	-70.5	-1.35			

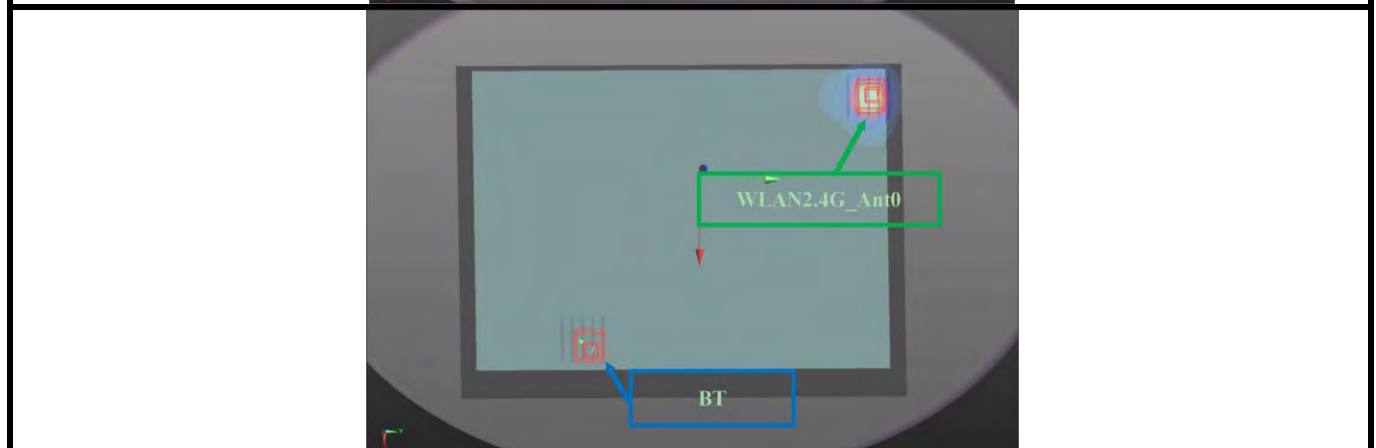
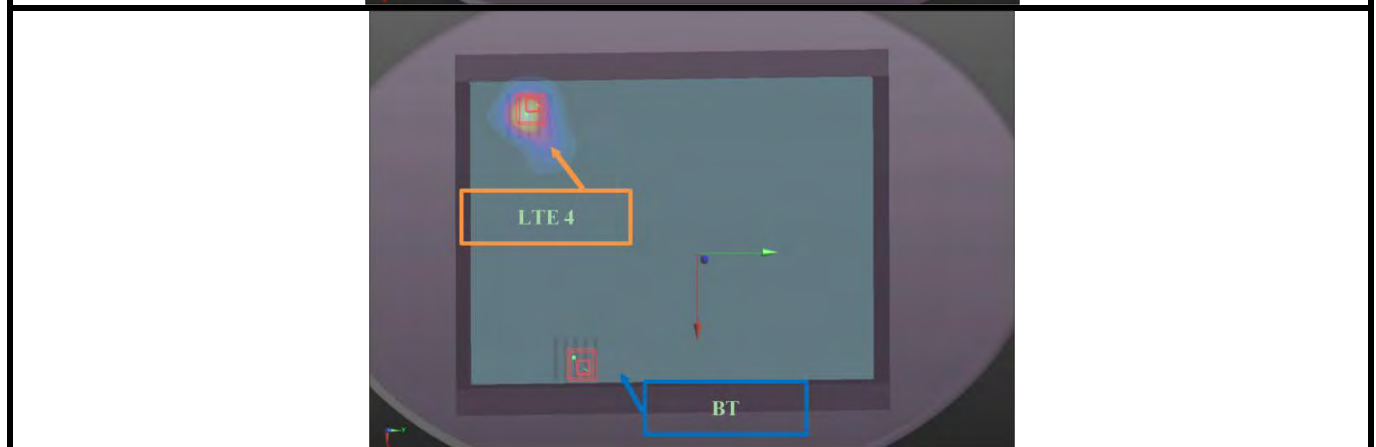


The visualization shows a top-down view of a device with two active antennas. The LTE 4 antenna is highlighted with an orange box, and the WLAN5G antenna is highlighted with a green box. A red arrow indicates the direction of the electromagnetic field vector between the two antennas.



# FCC SAR Test Report

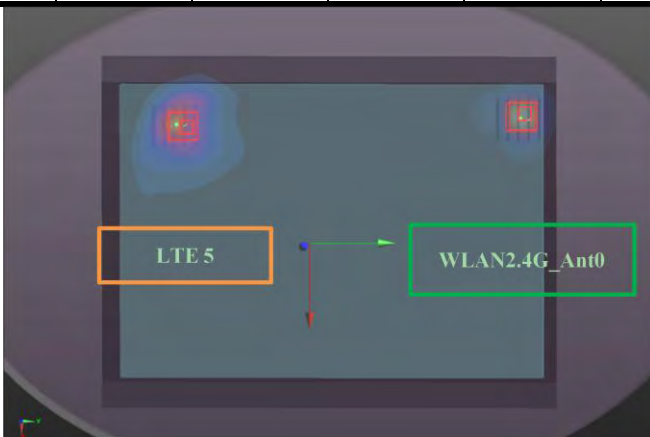
Conditions	Exposure Condition	Test Position	SAR Value (W/kg)	Coordinates			Peak Location Separation Distance (R <sub>i</sub> , mm)	SPLSR	Simultaneous Transmission SAR Test
				x	y	z			
LTE 4 Ch20050	Body	Bottom Side	0.6	-98	-111.6	6.07	263.6	0.01	SPLSR ≤ 0.04, Not required
802.11b Ch6_Ant0			1.16	-92.3	151.8	-1.3			
LTE 4 Ch20050	Body	Bottom Side	0.6	-98	-111.6	6.07	200.9	0.00	SPLSR ≤ 0.04, Not required
BT Ch39_Ant1			0.03	98.9	-72.5	-1.3			
802.11b Ch6_Ant0	Body	Bottom Side	1.16	-92.3	151.8	-1.3	294.7	0.00	SPLSR ≤ 0.04, Not required
BT Ch39_Ant1			0.03	98.9	-72.5	-1.3			






# FCC SAR Test Report

Conditions	Exposure Condition	Test Position	SAR Value (W/kg)	Coordinates			Peak Location Separation Distance (R <sub>i</sub> , mm)	SPLSR	Simultaneous Transmission SAR Test
				x	y	z			
LTE 5 Ch20030	Body	Bottom Side	0.88	-80.9	-111.6	3.99	263.7	0.01	SPLSR ≤ 0.04, Not required
802.11b Ch6			1.16	-92.3	151.8	-1.3			



Conditions	Exposure Condition	Test Position	SAR Value (W/kg)	Coordinates			Peak Location Separation Distance (R <sub>i</sub> , mm)	SPLSR	Simultaneous Transmission SAR Test
				x	y	z			
LTE 5 Ch20030	Body	Bottom Side	0.88	-80.9	-111.6	3.99	193.4	0.02	SPLSR ≤ 0.04, Not required
802.11a Ch126			1.16	108	-70.5	-1.35			



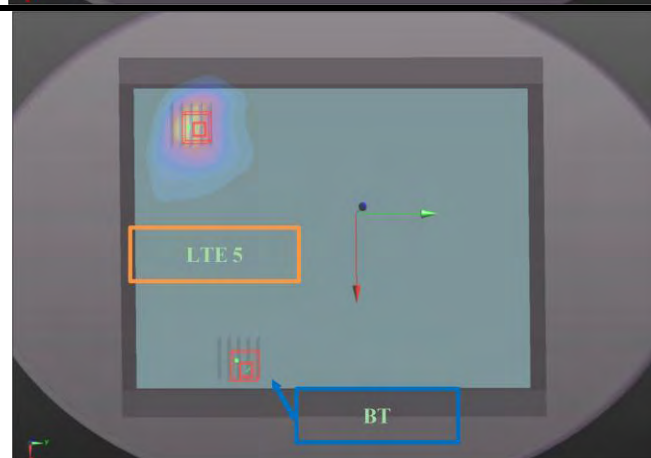
# FCC SAR Test Report

Conditions	Exposure Condition	Test Position	SAR Value (W/kg)	Coordinates			Peak Location Separation Distance (R <sub>i</sub> , mm)	SPLSR	Simultaneous Transmission SAR Test
				x	y	z			
LTE 5 Ch20030	Body	Bottom Side	0.88	-80.9	-111.6	3.99	263.7	0.01	SPLSR ≤ 0.04, Not required
802.11b Ch6_Ant0			1.16	-92.3	151.8	-1.3			
LTE 5 Ch20030	Body	Bottom Side	0.88	-80.9	-111.6	3.99	184.1	0.00	SPLSR ≤ 0.04, Not required
BT Ch39_Ant1			0.03	98.9	-72.5	-1.3			
802.11b Ch6_Ant0	Body	Bottom Side	1.16	-92.3	151.8	-1.3	294.7	0.00	SPLSR ≤ 0.04, Not required
BT Ch39_Ant1			0.03	98.9	-72.5	-1.3			




# FCC SAR Test Report

Conditions	Exposure Condition	Test Position	SAR Value (W/kg)	Coordinates			Peak Location Separation Distance (R <sub>i</sub> , mm)	SPLSR	Simultaneous Transmission SAR Test
				x	y	z			
LTE 5 Ch20030	Body	Bottom Side	0.88	-80.9	-111.6	3.99	249.3	0.01	SPLSR ≤ 0.04, Not required
802.11n HT40 Ch151_Ant0			0.77	-88.5	137.5	-1.46			
LTE 5 Ch20030	Body	Bottom Side	0.88	-80.9	-111.6	3.99	184.1	0.00	SPLSR ≤ 0.04, Not required
BT Ch39_Ant1			0.03	98.9	-72.5	-1.3			
802.11n HT40 Ch151_Ant0	Body	Bottom Side	0.77	-88.5	137.5	-1.46	281.5	0.00	SPLSR ≤ 0.04, Not required
BT Ch39_Ant1			0.03	98.9	-72.5	-1.3			




# FCC SAR Test Report

Conditions	Exposure Condition	Test Position	SAR Value (W/kg)	Coordinates			Peak Location Separation Distance (R <sub>i</sub> , mm)	SPLSR	Simultaneous Transmission SAR Test
				x	y	z			
LTE 7 Ch21350	Body	Bottom Side	0.62	-99.1	-145.3	5.77	297.3	0.01	SPLSR ≤ 0.04, Not required
802.11b Ch6			1.16	-92.3	151.8	-1.3			

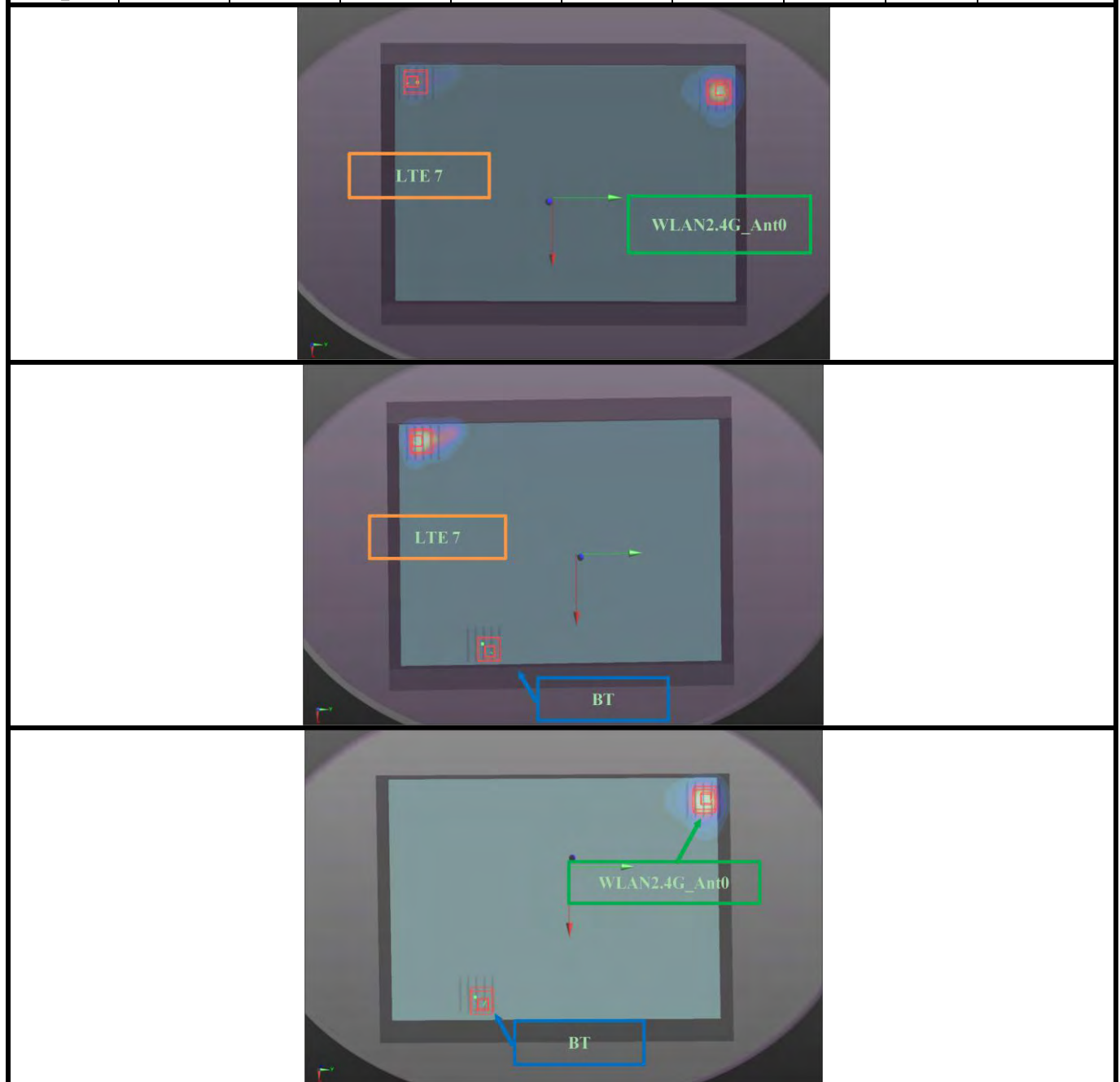
  


Conditions	Exposure Condition	Test Position	SAR Value (W/kg)	Coordinates			Peak Location Separation Distance (R <sub>i</sub> , mm)	SPLSR	Simultaneous Transmission SAR Test
				x	y	z			
LTE 7 Ch21350	Body	Bottom Side	0.62	-99.1	-145.3	5.77	220.3	0.01	SPLSR ≤ 0.04, Not required
802.11a Ch126			1.16	108	-70.5	-1.35			


# FCC SAR Test Report

Conditions	Exposure Condition	Test Position	SAR Value (W/kg)	Coordinates			Peak Location Separation Distance (R <sub>i</sub> , mm)	SPLSR	Simultaneous Transmission SAR Test
				x	y	z			
LTE 7 Ch21350	Body	Bottom Side	0.62	-99.1	-145.3	5.77	297.3	0.01	SPLSR ≤ 0.04, Not required
802.11b Ch6_Ant0			1.16	-92.3	151.8	-1.3			
LTE 7 Ch21350	Body	Bottom Side	0.62	-99.1	-145.3	5.77	211.1	0.00	SPLSR ≤ 0.04, Not required
BT Ch39_Ant1			0.03	98.9	-72.5	-1.3			
802.11b Ch6_Ant0	Body	Bottom Side	1.16	-92.3	151.8	-1.3	294.7	0.00	SPLSR ≤ 0.04, Not required
BT Ch39_Ant1			0.03	98.9	-72.5	-1.3			




# FCC SAR Test Report

Conditions	Exposure Condition	Test Position	SAR Value (W/kg)	Coordinates			Peak Location Separation Distance (R <sub>i</sub> , mm)	SPLSR	Simultaneous Transmission SAR Test
				x	y	z			
LTE 12 Ch23095	Body	Bottom Side	0.93	-73.6	-121.4	-2.3	273.8	0.01	SPLSR ≤ 0.04, Not required
802.11b Ch6			1.16	-92.3	151.8	-1.3			

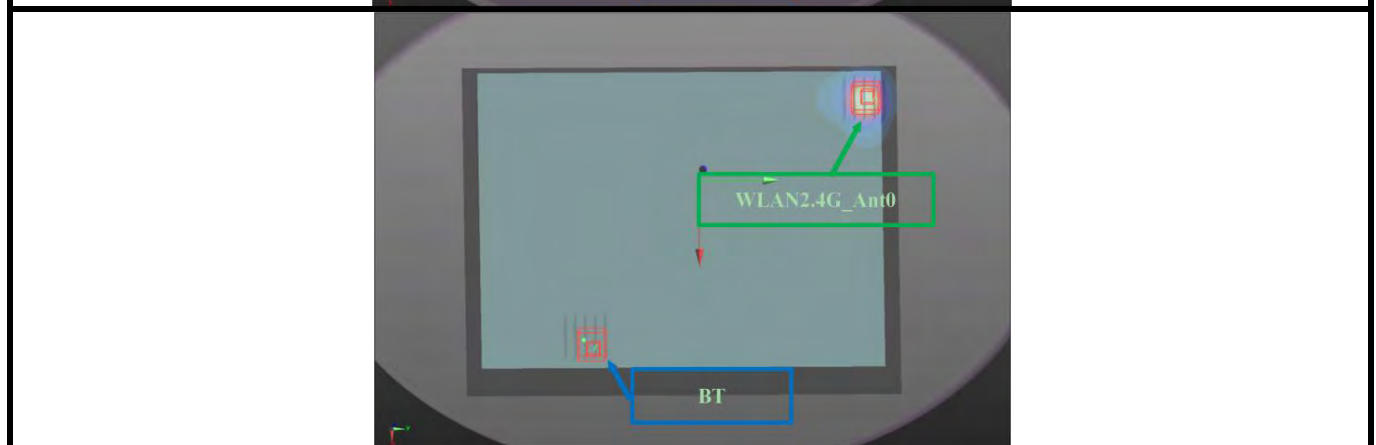


Conditions	Exposure Condition	Test Position	SAR Value (W/kg)	Coordinates			Peak Location Separation Distance (R <sub>i</sub> , mm)	SPLSR	Simultaneous Transmission SAR Test
				x	y	z			
LTE 12 Ch23095	Body	Bottom Side	0.93	-73.6	-121.4	-2.3	188.6	0.02	SPLSR ≤ 0.04, Not required
802.11a Ch126			1.16	108	-70.5	-1.35			



# FCC SAR Test Report

Conditions	Exposure Condition	Test Position	SAR Value (W/kg)	Coordinates			Peak Location Separation Distance (R <sub>i</sub> , mm)	SPLSR	Simultaneous Transmission SAR Test
				x	y	z			
LTE 12 Ch23095	Body	Bottom Side	0.93	-73.6	-121.4	-2.3	273.8	0.01	SPLSR ≤ 0.04, Not required
802.11b Ch6_Ant0			1.16	-92.3	151.8	-1.3			
LTE 12 Ch23095	Body	Bottom Side	0.93	-73.6	-121.4	-2.3	179.3	0.01	SPLSR ≤ 0.04, Not required
BT Ch39_Ant1			0.03	98.9	-72.5	-1.3			
802.11b Ch6_Ant0	Body	Bottom Side	1.16	-92.3	151.8	-1.3	294.7	0.00	SPLSR ≤ 0.04, Not required
BT Ch39_Ant1			0.03	98.9	-72.5	-1.3			





# FCC SAR Test Report

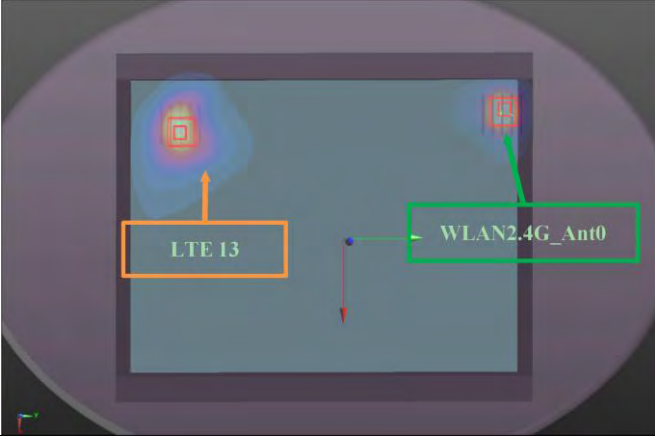
Conditions	Exposure Condition	Test Position	SAR Value (W/kg)	Coordinates			Peak Location Separation Distance (R <sub>i</sub> , mm)	SPLSR	Simultaneous Transmission SAR Test
				x	y	z			
LTE 12 Ch23095	Body	Bottom Side	0.93	-73.6	-121.4	-2.3	259.3	0.01	SPLSR ≤ 0.04, Not required
802.11n HT40 Ch151_Ant0			0.77	-88.5	137.5	-1.46			
LTE 12 Ch23095	Body	Bottom Side	0.93	-73.6	-121.4	-2.3	179.3	0.01	SPLSR ≤ 0.04, Not required
BT Ch39_Ant1			0.03	98.9	-72.5	-1.3			
802.11n HT40 Ch151_Ant0	Body	Bottom Side	0.77	-88.5	137.5	-1.46	281.5	0.00	SPLSR ≤ 0.04, Not required
BT Ch39_Ant1			0.03	98.9	-72.5	-1.3			



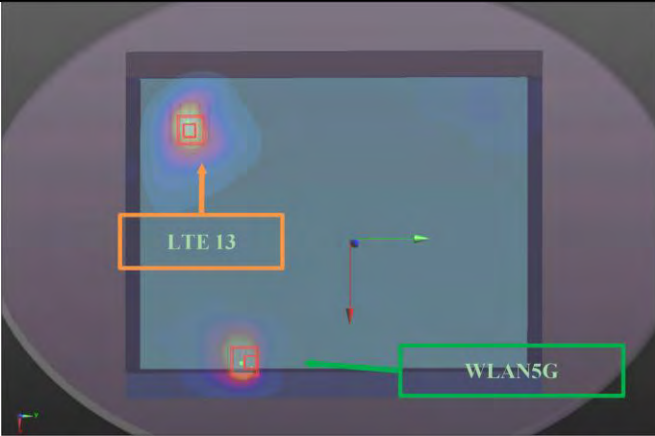


# FCC SAR Test Report

Conditions	Exposure Condition	Test Position	SAR Value (W/kg)	Coordinates			Peak Location Separation Distance (R <sub>i</sub> , mm)	SPLSR	Simultaneous Transmission SAR Test
				x	y	z			
LTE 13 Ch23230	Body	Bottom Side	1.01	-73.6	-123	-2.29	275.4	0.01	SPLSR ≤ 0.04, Not required
802.11b Ch6			1.16	-92.3	151.8	-1.3			



Conditions	Exposure Condition	Test Position	SAR Value (W/kg)	Coordinates			Peak Location Separation Distance (R <sub>i</sub> , mm)	SPLSR	Simultaneous Transmission SAR Test
				x	y	z			
LTE 13 Ch23230	Body	Bottom Side	1.01	-73.6	-123	-2.29	189.0	0.02	SPLSR ≤ 0.04, Not required
802.11a Ch126			1.16	108	-70.5	-1.35			



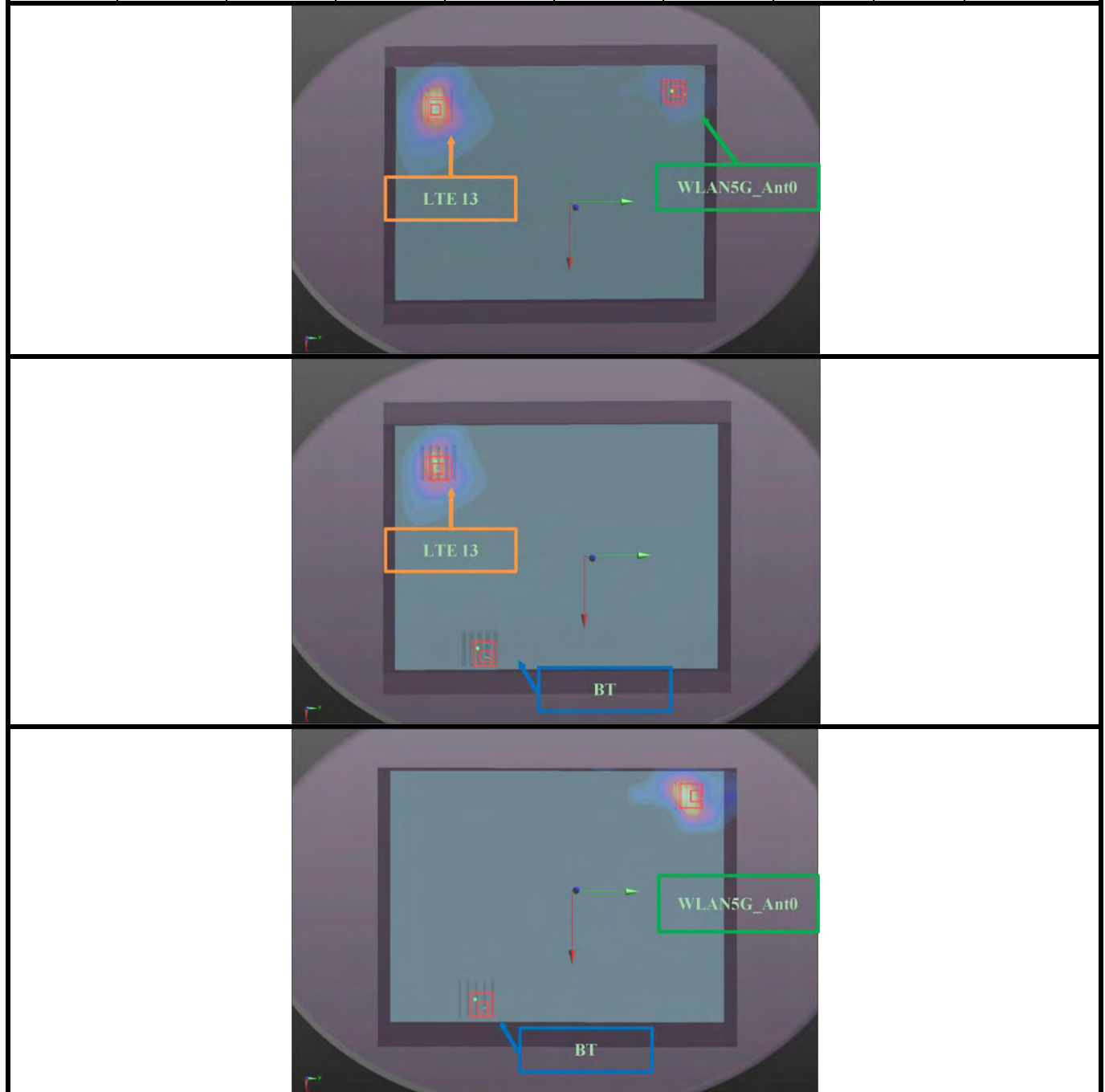
# FCC SAR Test Report

Conditions	Exposure Condition	Test Position	SAR Value (W/kg)	Coordinates			Peak Location Separation Distance (R <sub>i</sub> , mm)	SPLSR	Simultaneous Transmission SAR Test
				x	y	z			
LTE 13 Ch23230	Body	Bottom Side	1.01	-73.6	-123	-2.29	275.4	0.01	SPLSR ≤ 0.04, Not required
802.11b Ch6_Ant0			1.16	-92.3	151.8	-1.3			
LTE 13 Ch23230	Body	Bottom Side	1.01	-73.6	-123	-2.29	179.7	0.01	SPLSR ≤ 0.04, Not required
BT Ch39_Ant1			0.03	98.9	-72.5	-1.3			
802.11b Ch6_Ant0	Body	Bottom Side	1.16	-92.3	151.8	-1.3	294.7	0.00	SPLSR ≤ 0.04, Not required
BT Ch39_Ant1			0.03	98.9	-72.5	-1.3			



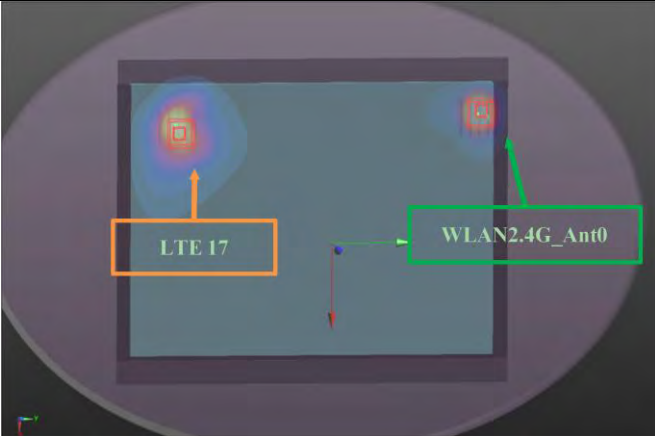
# FCC SAR Test Report

Conditions	Exposure Condition	Test Position	SAR Value (W/kg)	Coordinates			Peak Location Separation Distance (R <sub>i</sub> , mm)	SPLSR	Simultaneous Transmission SAR Test
				x	y	z			
LTE 13 Ch23230	Body	Bottom Side	1.01	-73.6	-123	-2.29	260.9	0.01	SPLSR ≤ 0.04, Not required
802.11n HT40 Ch151_Ant0			0.77	-88.5	137.5	-1.46			
LTE 13 Ch23230	Body	Bottom Side	1.01	-73.6	-123	-2.29	179.7	0.01	SPLSR ≤ 0.04, Not required
BT Ch39_Ant1			0.03	98.9	-72.5	-1.3			
802.11n HT40 Ch151_Ant0	Body	Bottom Side	0.77	-88.5	137.5	-1.46	281.5	0.00	SPLSR ≤ 0.04, Not required
BT Ch39_Ant1			0.03	98.9	-72.5	-1.3			

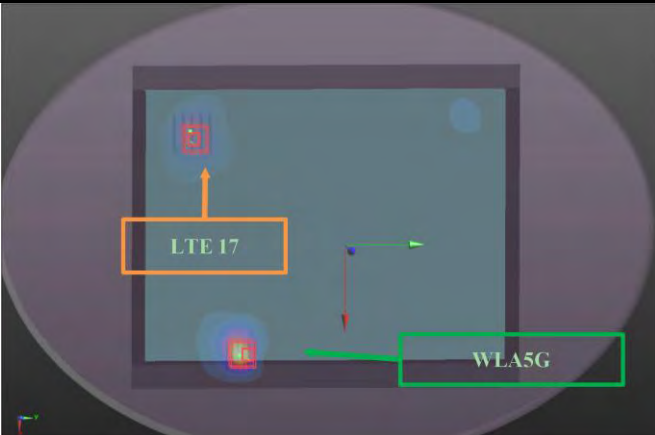


# FCC SAR Test Report

Conditions	Exposure Condition	Test Position	SAR Value (W/kg)	Coordinates			Peak Location Separation Distance (R <sub>i</sub> , mm)	SPLSR	Simultaneous Transmission SAR Test
				x	y	z			
LTE 17 Ch23800	Body	Bottom Side	0.85	-73.6	-121.4	-2.54	273.8	0.01	SPLSR ≤ 0.04, Not required
802.11b Ch6			1.16	-92.3	151.8	-1.3			



Conditions	Exposure Condition	Test Position	SAR Value (W/kg)	Coordinates			Peak Location Separation Distance (R <sub>i</sub> , mm)	SPLSR	Simultaneous Transmission SAR Test
				x	y	z			
LTE 17 Ch23800	Body	Bottom Side	0.85	-73.6	-121.4	-2.54	188.6	0.02	SPLSR ≤ 0.04, Not required
802.11a Ch126			1.16	108	-70.5	-1.35			

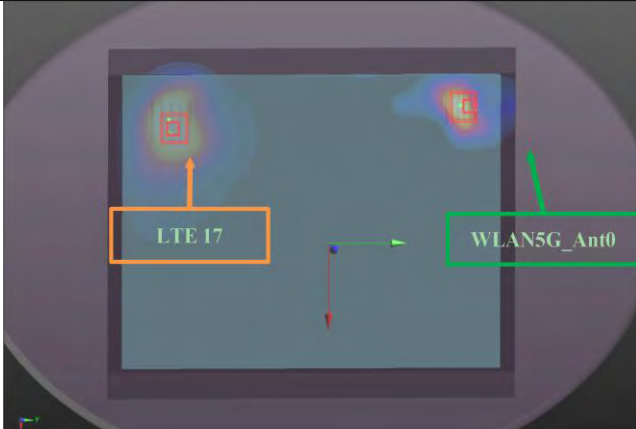
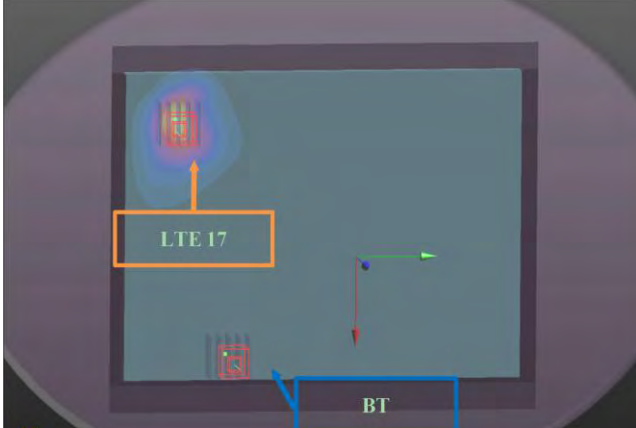



# FCC SAR Test Report

Conditions	Exposure Condition	Test Position	SAR Value (W/kg)	Coordinates			Peak Location Separation Distance (R <sub>i</sub> , mm)	SPLSR	Simultaneous Transmission SAR Test
				x	y	z			
LTE 17 Ch23800	Body	Bottom Side	0.85	-73.6	-121.4	-2.54	273.8	0.01	SPLSR ≤ 0.04, Not required
802.11b Ch6_Ant0			1.16	-92.3	151.8	-1.3			
LTE 17 Ch23800	Body	Bottom Side	0.85	-73.6	-121.4	-2.54	179.3	0.00	SPLSR ≤ 0.04, Not required
BT Ch39_Ant1			0.03	98.9	-72.5	-1.3			
802.11b Ch6_Ant0	Body	Bottom Side	1.16	-92.3	151.8	-1.3	294.7	0.00	SPLSR ≤ 0.04, Not required
BT Ch39_Ant1			0.03	98.9	-72.5	-1.3			




# FCC SAR Test Report

Conditions	Exposure Condition	Test Position	SAR Value (W/kg)	Coordinates			Peak Location Separation Distance (R <sub>i</sub> , mm)	SPLSR	Simultaneous Transmission SAR Test
				x	y	z			
LTE 17 Ch23800	Body	Bottom Side	0.85	-73.6	-121.4	-2.54	259.3	0.01	SPLSR ≤ 0.04, Not required
802.11n HT40 Ch151_Ant0			0.77	-88.5	137.5	-1.46			
LTE 17 Ch23800	Body	Bottom Side	0.85	-73.6	-121.4	-2.54	179.3	0.00	SPLSR ≤ 0.04, Not required
BT Ch39_Ant1			0.03	98.9	-72.5	-1.3			
802.11n HT40 Ch151_Ant0	Body	Bottom Side	0.77	-88.5	137.5	-1.46	281.5	0.00	SPLSR ≤ 0.04, Not required
BT Ch39_Ant1			0.03	98.9	-72.5	-1.3			
									
									
									




# FCC SAR Test Report

Conditions	Exposure Condition	Test Position	SAR Value (W/kg)	Coordinates			Peak Location Separation Distance (R <sub>i</sub> , mm)	SPLSR	Simultaneous Transmission SAR Test
				x	y	z			
LTE 26 Ch26865	Body	Bottom Side	0.9	-80.9	-111.4	3.99	263.5	0.01	SPLSR ≤ 0.04, Not required
802.11b Ch6			1.16	-92.3	151.8	-1.3			

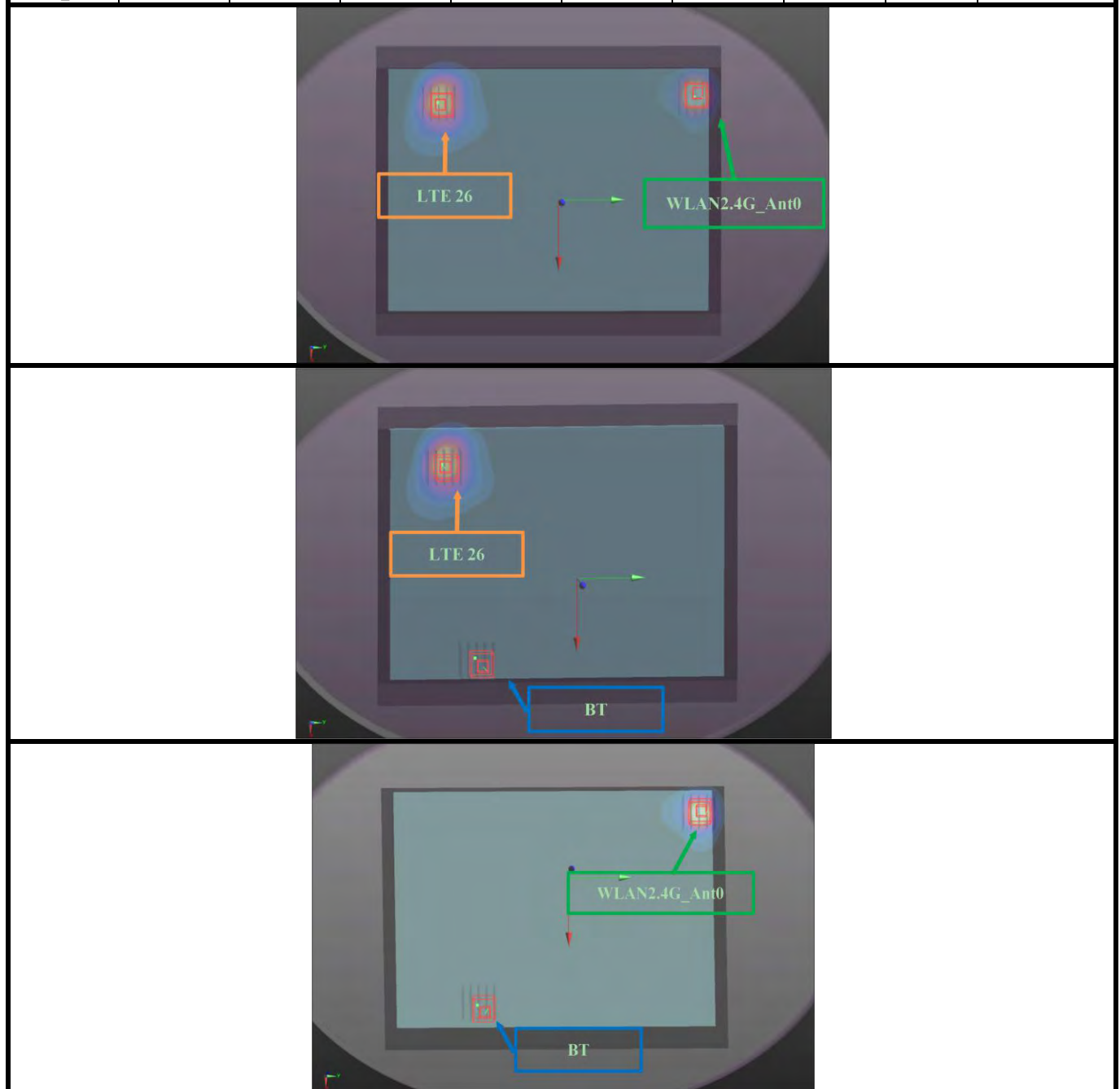


Conditions	Exposure Condition	Test Position	SAR Value (W/kg)	Coordinates			Peak Location Separation Distance (R <sub>i</sub> , mm)	SPLSR	Simultaneous Transmission SAR Test
				x	y	z			
LTE 26 Ch26865	Body	Bottom Side	0.9	-80.9	-111.4	3.99	193.4	0.02	SPLSR ≤ 0.04, Not required
802.11a Ch126			1.16	108	-70.5	-1.35			



# FCC SAR Test Report

Conditions	Exposure Condition	Test Position	SAR Value (W/kg)	Coordinates			Peak Location Separation Distance (R <sub>i</sub> , mm)	SPLSR	Simultaneous Transmission SAR Test
				x	y	z			
LTE 26 Ch26865	Body	Bottom Side	0.9	-80.9	-111.4	3.99	263.5	0.01	SPLSR ≤ 0.04, Not required
802.11b Ch6_Ant0			1.16	-92.3	151.8	-1.3			
LTE 26 Ch26865	Body	Bottom Side	0.9	-80.9	-111.4	3.99	184.0	0.00	SPLSR ≤ 0.04, Not required
BT Ch39_Ant1			0.03	98.9	-72.5	-1.3			
802.11b Ch6_Ant0	Body	Bottom Side	1.16	-92.3	151.8	-1.3	294.7	0.00	SPLSR ≤ 0.04, Not required
BT Ch39_Ant1			0.03	98.9	-72.5	-1.3			



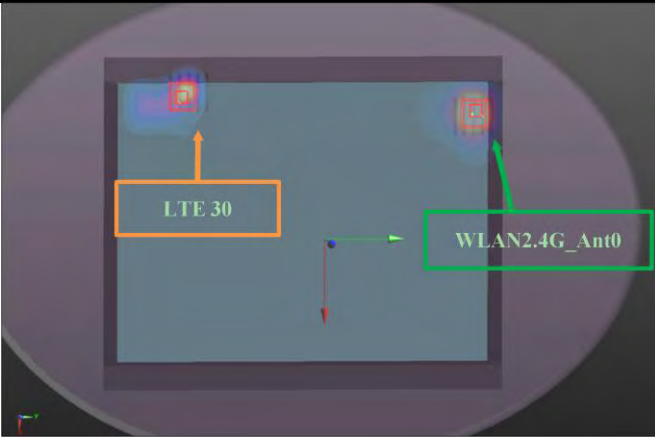


# FCC SAR Test Report

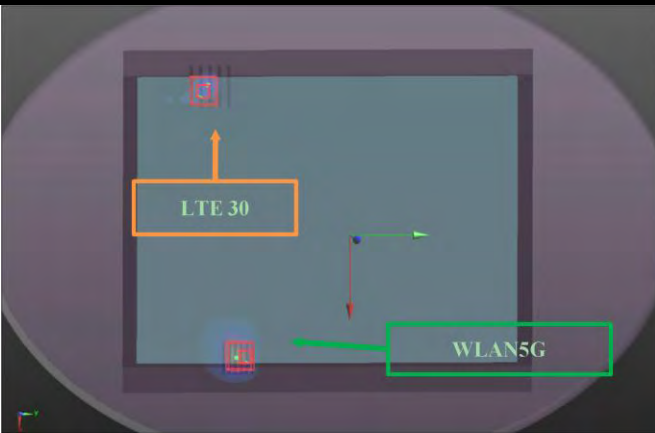
Conditions	Exposure Condition	Test Position	SAR Value (W/kg)	Coordinates			Peak Location Separation Distance (R <sub>i</sub> , mm)	SPLSR	Simultaneous Transmission SAR Test
				x	y	z			
LTE 26 Ch26865	Body	Bottom Side	0.9	-80.9	-111.4	3.99	249.1	0.01	SPLSR ≤ 0.04, Not required
802.11n HT40 Ch151_Ant0			0.77	-88.5	137.5	-1.46			
LTE 26 Ch26865	Body	Bottom Side	0.9	-80.9	-111.4	3.99	184.0	0.00	SPLSR ≤ 0.04, Not required
BT Ch39_Ant1			0.03	98.9	-72.5	-1.3			
802.11n HT40 Ch151_Ant0	Body	Bottom Side	0.77	-88.5	137.5	-1.46	281.5	0.00	SPLSR ≤ 0.04, Not required
BT Ch39_Ant1			0.03	98.9	-72.5	-1.3			

# FCC SAR Test Report

Conditions	Exposure Condition	Test Position	SAR Value (W/kg)	Coordinates			Peak Location Separation Distance (R <sub>i</sub> , mm)	SPLSR	Simultaneous Transmission SAR Test
				x	y	z			
LTE 30 Ch27710	Body	Bottom Side	0.81	-102.7	-107.8	5.9	259.9	0.01	SPLSR ≤ 0.04, Not required
802.11b Ch6			1.16	-92.3	151.8	-1.3			



Conditions	Exposure Condition	Test Position	SAR Value (W/kg)	Coordinates			Peak Location Separation Distance (R <sub>i</sub> , mm)	SPLSR	Simultaneous Transmission SAR Test
				x	y	z			
LTE 30 Ch27710	Body	Bottom Side	0.81	-102.7	-107.8	5.9	214.1	0.01	SPLSR ≤ 0.04, Not required
802.11a Ch126			1.16	108	-70.5	-1.35			



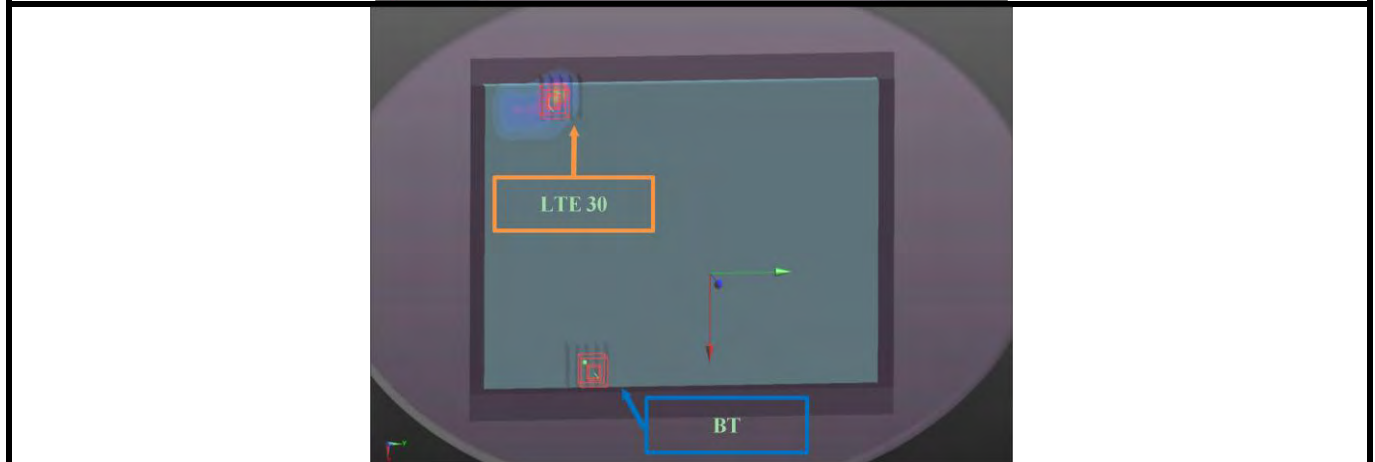
# FCC SAR Test Report

Conditions	Exposure Condition	Test Position	SAR Value (W/kg)	Coordinates			Peak Location Separation Distance (R <sub>i</sub> , mm)	SPLSR	Simultaneous Transmission SAR Test
				x	y	z			
LTE 30 Ch27710	Body	Bottom Side	0.81	-102.7	-107.8	5.9	259.9	0.01	SPLSR ≤ 0.04, Not required
802.11b Ch6_Ant0			1.16	-92.3	151.8	-1.3			
LTE 30 Ch27710	Body	Bottom Side	0.81	-102.7	-107.8	5.9	204.8	0.00	SPLSR ≤ 0.04, Not required
BT Ch39_Ant1			0.03	98.9	-72.5	-1.3			
802.11b Ch6_Ant0	Body	Bottom Side	1.16	-92.3	151.8	-1.3	294.7	0.00	SPLSR ≤ 0.04, Not required
BT Ch39_Ant1			0.03	98.9	-72.5	-1.3			



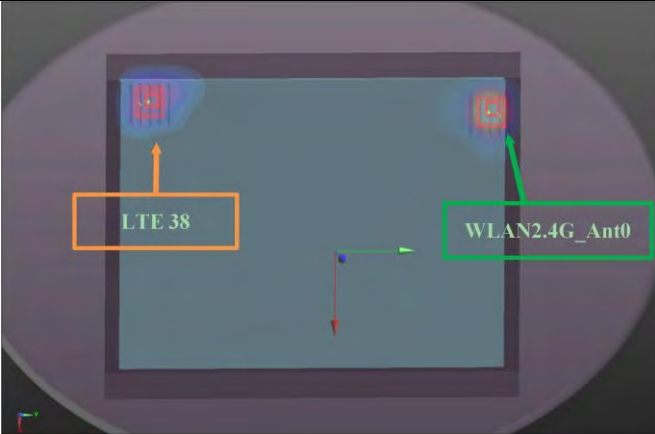
# FCC SAR Test Report

Conditions	Exposure Condition	Test Position	SAR Value (W/kg)	Coordinates			Peak Location Separation Distance (R <sub>i</sub> , mm)	SPLSR	Simultaneous Transmission SAR Test
				x	y	z			
LTE 30 Ch27710	Body	Bottom Side	0.81	-102.7	-107.8	5.9	245.8	0.01	SPLSR ≤ 0.04, Not required
802.11n HT40 Ch151_Ant0			0.77	-88.5	137.5	-1.46			
LTE 30 Ch27710	Body	Bottom Side	0.81	-102.7	-107.8	5.9	204.8	0.00	SPLSR ≤ 0.04, Not required
BT Ch39_Ant1			0.03	98.9	-72.5	-1.3			
802.11n HT40 Ch151_Ant0	Body	Bottom Side	0.77	-88.5	137.5	-1.46	281.5	0.00	SPLSR ≤ 0.04, Not required
BT Ch39_Ant1			0.03	98.9	-72.5	-1.3			




# FCC SAR Test Report

Conditions	Exposure Condition	Test Position	SAR Value (W/kg)	Coordinates			Peak Location Separation Distance (R <sub>i</sub> , mm)	SPLSR	Simultaneous Transmission SAR Test
				x	y	z			
LTE 38 Ch37850	Body	Bottom Side	0.76	-100.7	-135.7	5.8	287.7	0.01	SPLSR ≤ 0.04, Not required
802.11b Ch6			1.16	-92.3	151.8	-1.3			

Conditions	Exposure Condition	Test Position	SAR Value (W/kg)	Coordinates			Peak Location Separation Distance (R <sub>i</sub> , mm)	SPLSR	Simultaneous Transmission SAR Test
				x	y	z			
LTE 38 Ch37850	Body	Bottom Side	0.76	-100.7	-135.7	5.8	218.8	0.01	SPLSR ≤ 0.04, Not required
802.11a Ch126			1.16	108	-70.5	-1.35			

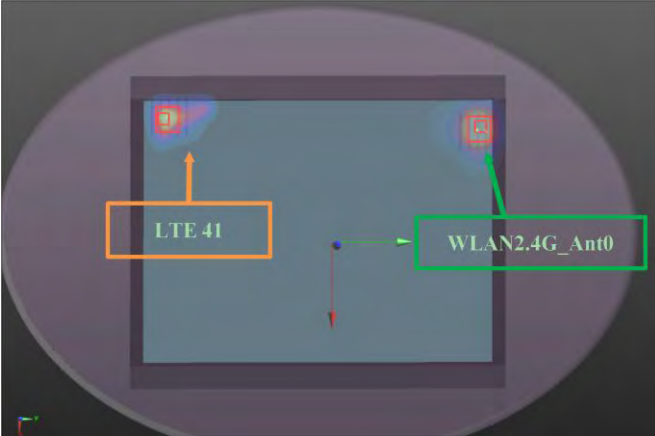
# FCC SAR Test Report

Conditions	Exposure Condition	Test Position	SAR Value (W/kg)	Coordinates			Peak Location Separation Distance (R <sub>i</sub> , mm)	SPLSR	Simultaneous Transmission SAR Test
				x	y	z			
LTE 38 Ch37850	Body	Bottom Side	0.76	-100.7	-135.7	5.8	287.7	0.01	SPLSR ≤ 0.04, Not required
802.11b Ch6_Ant0			1.16	-92.3	151.8	-1.3			
LTE 38 Ch37850	Body	Bottom Side	0.76	-100.7	-135.7	5.8	209.5	0.00	SPLSR ≤ 0.04, Not required
BT Ch39_Ant1			0.03	98.9	-72.5	-1.3			
802.11b Ch6_Ant0	Body	Bottom Side	1.16	-92.3	151.8	-1.3	294.7	0.00	SPLSR ≤ 0.04, Not required
BT Ch39_Ant1			0.03	98.9	-72.5	-1.3			

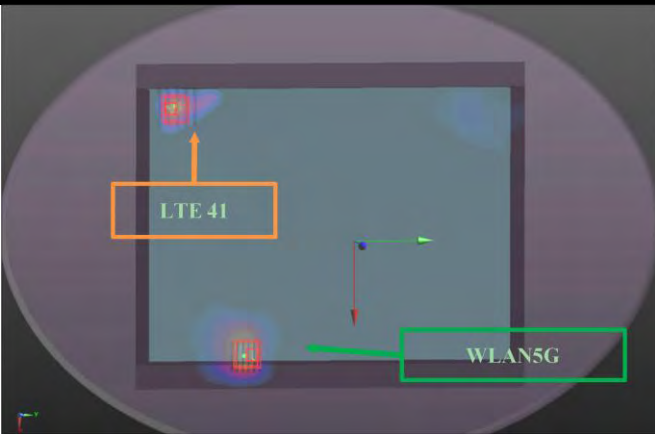


# FCC SAR Test Report

Conditions	Exposure Condition	Test Position	SAR Value (W/kg)	Coordinates			Peak Location Separation Distance (R <sub>i</sub> , mm)	SPLSR	Simultaneous Transmission SAR Test
				x	y	z			
LTE 41 Ch40185	Body	Bottom Side	0.62	-98.4	-145.3	5.72	297.2	0.01	SPLSR ≤ 0.04, Not required
802.11b Ch6			1.16	-92.3	151.8	-1.3			



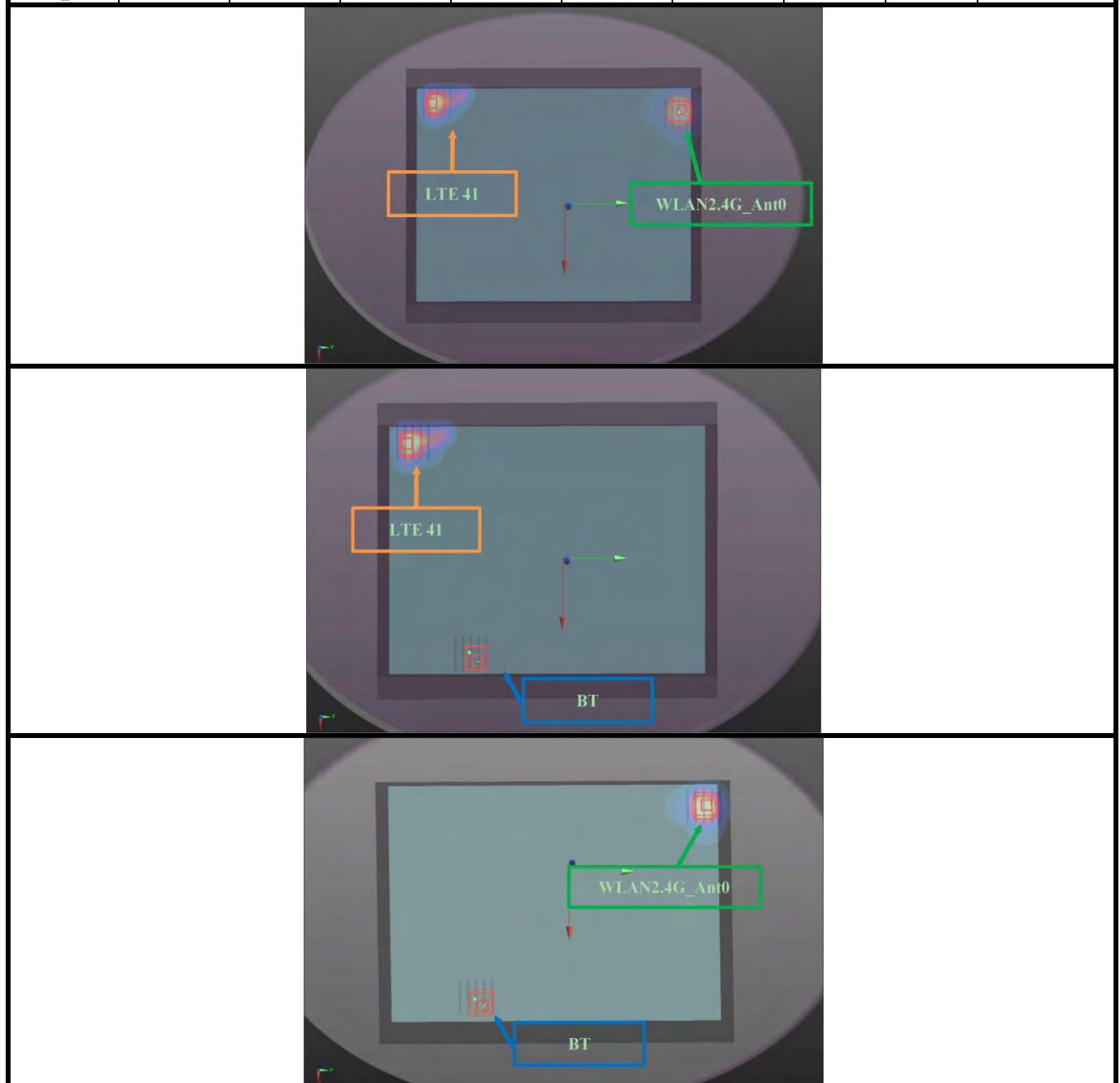
Conditions	Exposure Condition	Test Position	SAR Value (W/kg)	Coordinates			Peak Location Separation Distance (R <sub>i</sub> , mm)	SPLSR	Simultaneous Transmission SAR Test
				x	y	z			
LTE 41 Ch40185	Body	Bottom Side	0.62	-98.4	-145.3	5.72	219.6	0.01	SPLSR ≤ 0.04, Not required
802.11a Ch126			1.16	108	-70.5	-1.35			





# FCC SAR Test Report

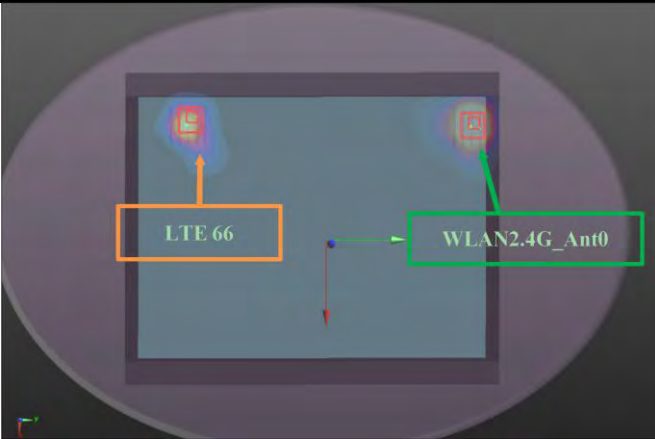
Conditions	Exposure Condition	Test Position	SAR Value (W/kg)	Coordinates			Peak Location Separation Distance (R <sub>i</sub> , mm)	SPLSR	Simultaneous Transmission SAR Test
				x	y	z			
LTE 41 Ch40185	Body	Bottom Side	0.62	-98.4	-145.3	5.72	297.2	0.01	SPLSR ≤ 0.04, Not required
802.11b Ch6_Ant0			1.16	-92.3	151.8	-1.3			
LTE 41 Ch40185	Body	Bottom Side	0.62	-98.4	-145.3	5.72	210.4	0.00	SPLSR ≤ 0.04, Not required
BT Ch39_Ant1			0.03	98.9	-72.5	-1.3			
802.11b Ch6_Ant0	Body	Bottom Side	1.16	-92.3	151.8	-1.3	294.7	0.00	SPLSR ≤ 0.04, Not required
BT Ch39_Ant1			0.03	98.9	-72.5	-1.3			



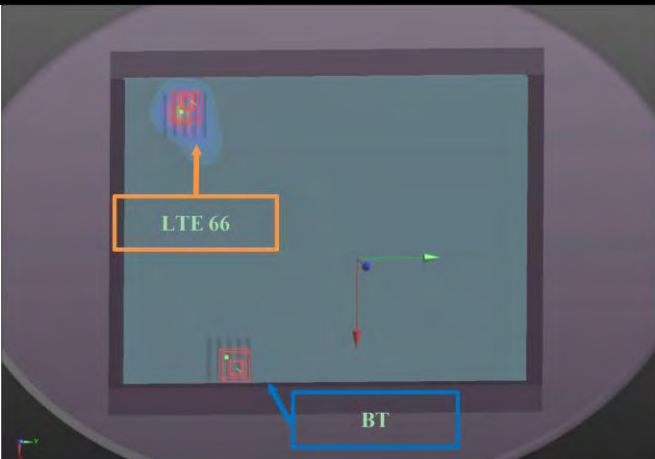


# FCC SAR Test Report

Conditions	Exposure Condition	Test Position	SAR Value (W/kg)	Coordinates			Peak Location Separation Distance (R <sub>i</sub> , mm)	SPLSR	Simultaneous Transmission SAR Test
				x	y	z			
LTE 66 Ch13207	Body	Bottom Side	0.58	-98	-111.6	6.07	263.6	0.01	SPLSR ≤ 0.04, Not required
802.11b Ch6			1.16	-92.3	151.8	-1.3			

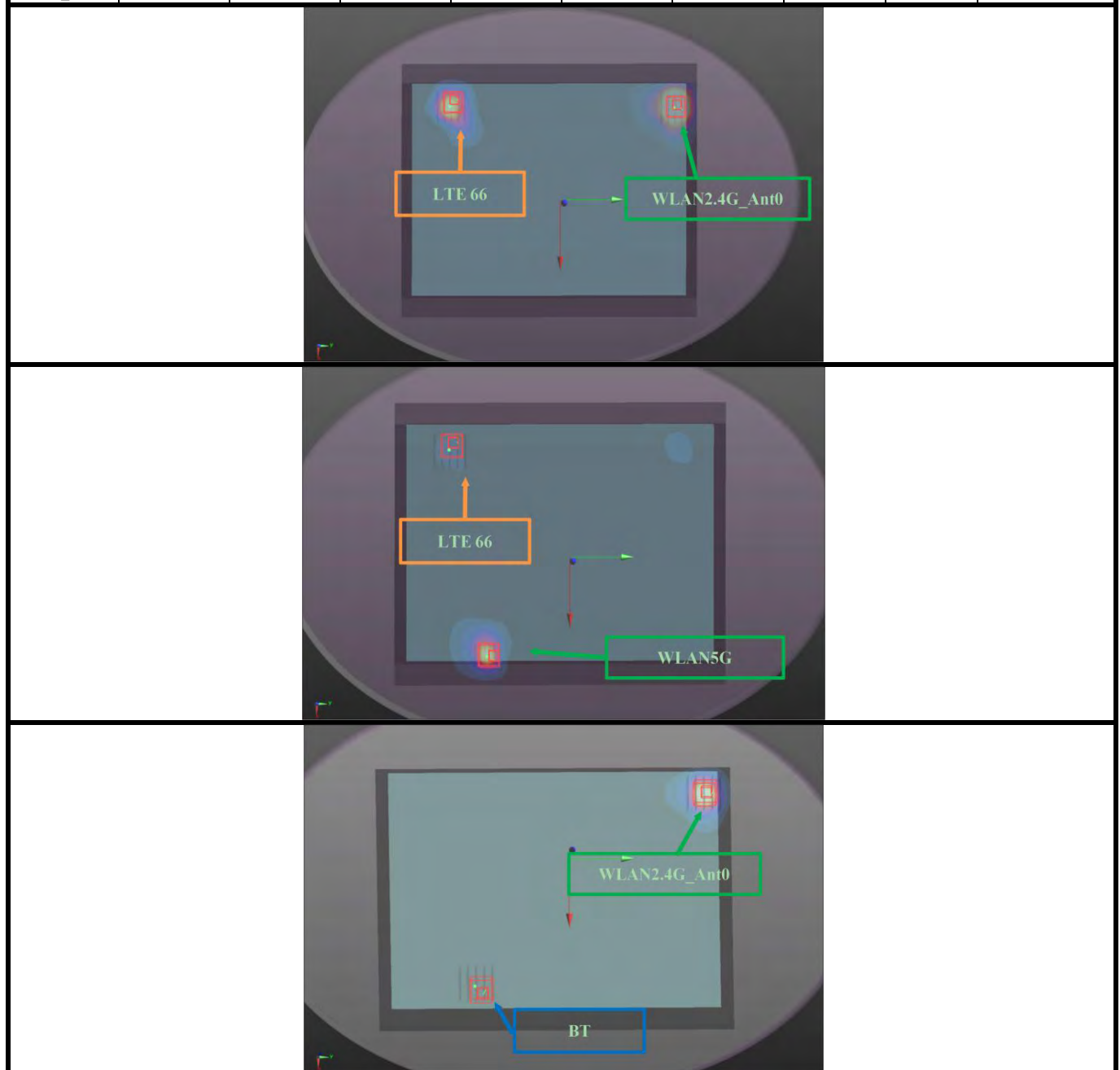


Conditions	Exposure Condition	Test Position	SAR Value (W/kg)	Coordinates			Peak Location Separation Distance (R <sub>i</sub> , mm)	SPLSR	Simultaneous Transmission SAR Test
				x	y	z			
LTE 66 Ch13207	Body	Bottom Side	0.58	-98	-111.6	6.07	210.2	0.01	SPLSR ≤ 0.04, Not required
802.11a Ch126			1.16	108	-70.5	-1.35			



# FCC SAR Test Report

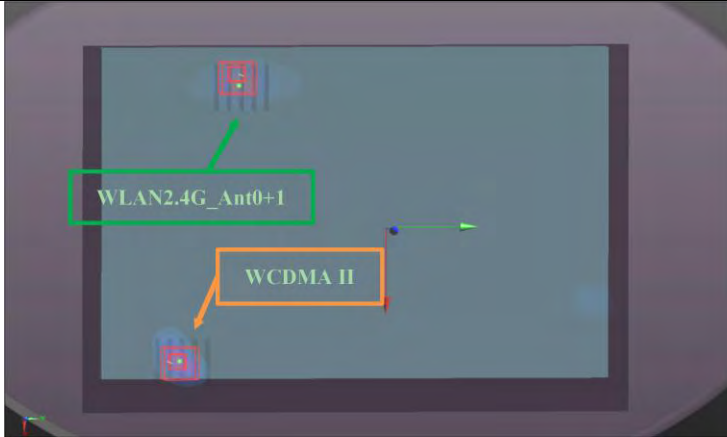
Conditions	Exposure Condition	Test Position	SAR Value (W/kg)	Coordinates			Peak Location Separation Distance (R <sub>i</sub> , mm)	SPLSR	Simultaneous Transmission SAR Test
				x	y	z			
LTE 66 Ch13207	Body	Bottom Side	0.58	-98	-111.6	6.07	263.6	0.01	SPLSR ≤ 0.04, Not required
802.11b Ch6_Ant0			1.16	-92.3	151.8	-1.3			
LTE 66 Ch13207	Body	Bottom Side	0.58	-98	-111.6	6.07	200.9	0.00	SPLSR ≤ 0.04, Not required
BT Ch39_Ant1			0.03	98.9	-72.5	-1.3			
802.11b Ch6_Ant0	Body	Bottom Side	1.16	-92.3	151.8	-1.3	294.7	0.00	SPLSR ≤ 0.04, Not required
BT Ch39_Ant1			0.03	98.9	-72.5	-1.3			



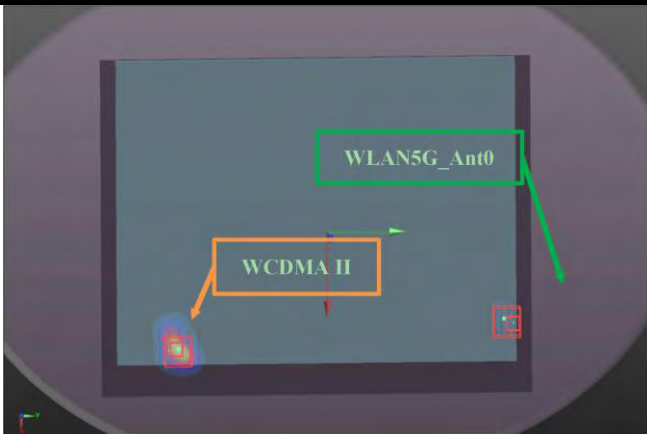
# FCC SAR Test Report

## Tablet PC Mode

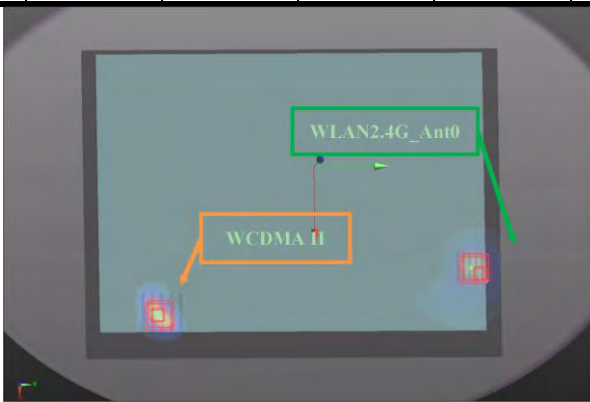
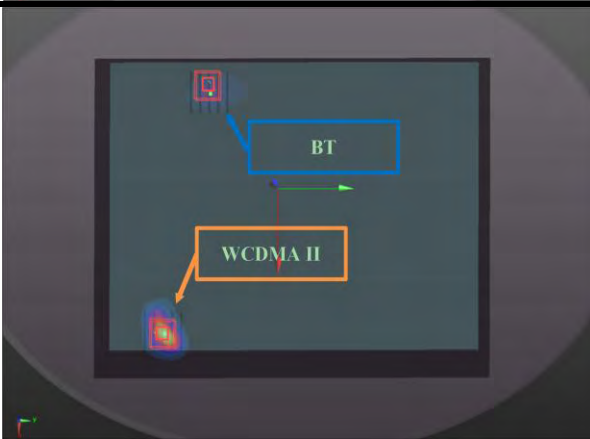
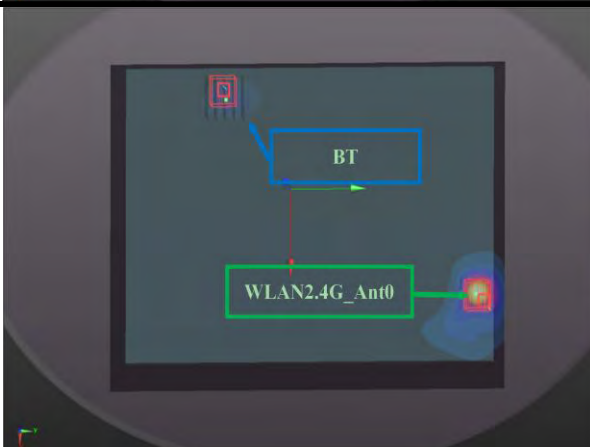
Conditions	Exposure Condition	Test Position	SAR Value (W/kg)	Coordinates			Peak Location Separation Distance (R <sub>i</sub> , mm)	SPLSR	Simultaneous Transmission SAR Test
				x	y	z			
WCDMA II Ch9538	Body	Rear Face	1.16	98.4	-119.4	6.65	199.0	0.02	SPLSR ≤ 0.04, Not required
802.11n HT20_Ch6 Ant0+1			1.03	-95.5	-75.5	-1.73			



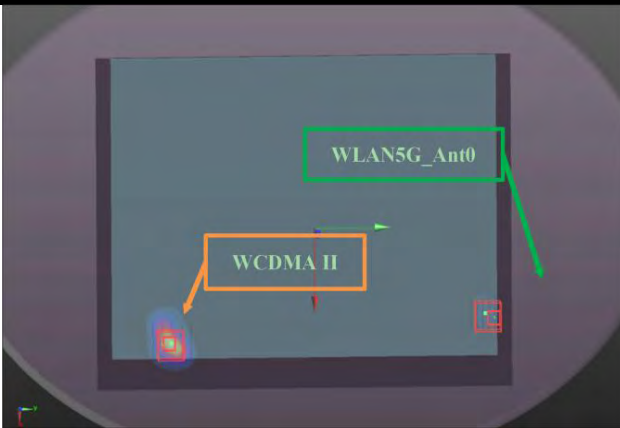
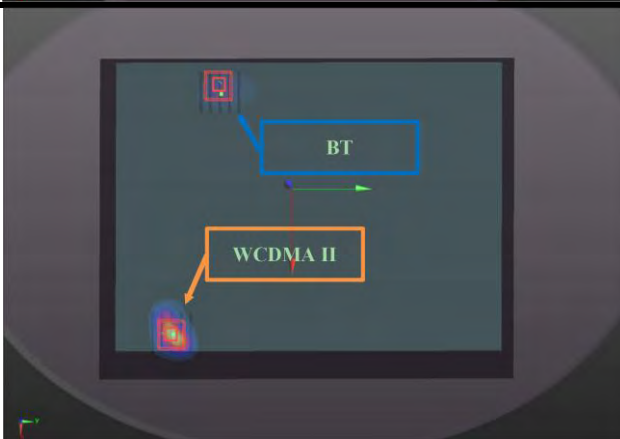

Conditions	Exposure Condition	Test Position	SAR Value (W/kg)	Coordinates			Peak Location Separation Distance (R <sub>i</sub> , mm)	SPLSR	Simultaneous Transmission SAR Test
				x	y	z			
WCDMA II Ch9538	Body	Rear Face	1.16	98.4	-119.4	6.65	279.4	0.01	SPLSR ≤ 0.04, Not required
802.11ac VHT80 Ch58 Ant0			0.97	84.5	159.5	-1.51			



# FCC SAR Test Report

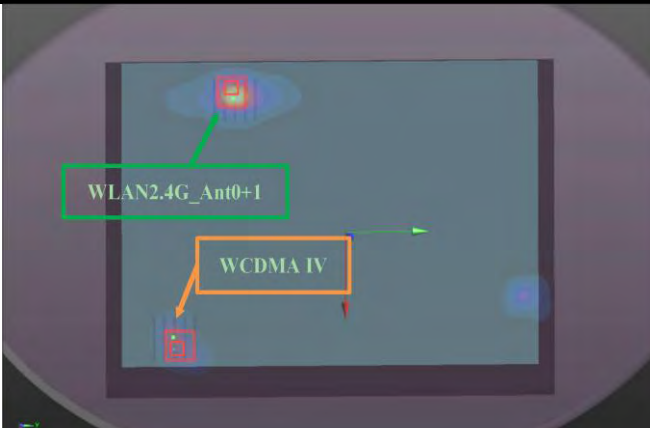
Conditions	Exposure Condition	Test Position	SAR Value (W/kg)	Coordinates			Peak Location Separatio n Distance (R <sub>i</sub> , mm)	SPLSR	Simultaneous Transmission SAR Test
				x	y	z			
WCDMA II Ch9538	Body	Rear Face	1.16	98.4	-119.4	6.65	282.5	0.01	SPLSR ≤ 0.04, Not required
802.11b Ch6_Ant0			0.96	75	162	-1.22			
WCDMA II Ch9538	Body	Rear Face	1.16	98.4	-119.4	6.65	199.6	0.01	SPLSR ≤ 0.04, Not required
BT Ch39_Ant1			0.37	-95.5	-73	-2			
802.11b Ch6_Ant0	Body	Rear Face	0.96	75	162	-1.22	290.3	0.01	SPLSR ≤ 0.04, Not required
BT Ch39_Ant1			0.37	-95.5	-73	-2			
									
									
									

# FCC SAR Test Report

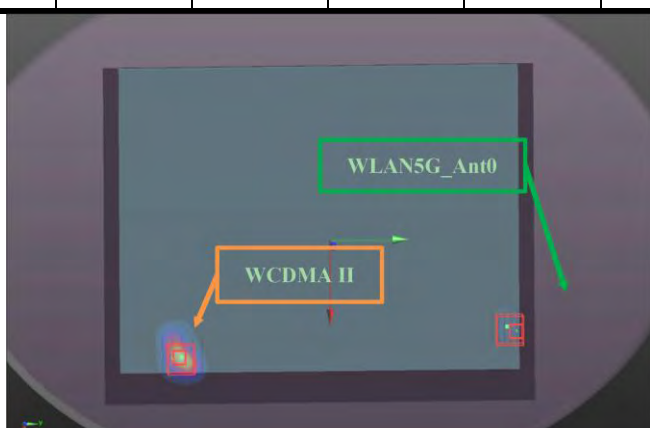
Conditions	Exposure Condition	Test Position	SAR Value (W/kg)	Coordinates			Peak Location Separation Distance (R <sub>i</sub> , mm)	SPLSR	Simultaneous Transmission SAR Test
				x	y	z			
WCDMA II Ch9538	Body	Rear Face	1.16	98.4	-119.4	6.65	279.4	0.01	SPLSR ≤ 0.04, Not required
802.11ac VHT80 Ch58_Ant0			0.97	84.5	159.5	-1.51			
WCDMA II Ch9538	Body	Rear Face	1.16	98.4	-119.4	6.65	199.6	0.01	SPLSR ≤ 0.04, Not required
BT Ch39_Ant1			0.37	-95.5	-73	-2			
802.11ac VHT80 Ch58_Ant0	Body	Rear Face	0.97	84.5	159.5	-1.51	294.0	0.01	SPLSR ≤ 0.04, Not required
BT Ch39_Ant1			0.37	-95.5	-73	-2			
									
									
									

# FCC SAR Test Report

Conditions	Exposure Condition	Test Position	SAR Value (W/kg)	Coordinates			Peak Location Separation Distance (R <sub>i</sub> , mm)	SPLSR	Simultaneous Transmission SAR Test
				x	y	z			
WCDMA IV Ch1312	Body	Rear Face	0.96	96.4	-126.2	6.63	259.9	0.01	SPLSR ≤ 0.04, Not required
802.11b Ch6 Ant0+1			1.03	-92.3	151.8	-1.3			



Conditions	Exposure Condition	Test Position	SAR Value (W/kg)	Coordinates			Peak Location Separation Distance (R <sub>i</sub> , mm)	SPLSR	Simultaneous Transmission SAR Test
				x	y	z			
WCDMA IV Ch1312	Body	Rear Face	0.96	96.4	-126.2	6.63	286.1	0.01	SPLSR ≤ 0.04, Not required
802.11ac VHT80 Ch58 Ant0			0.97	84.5	159.5	-1.51			




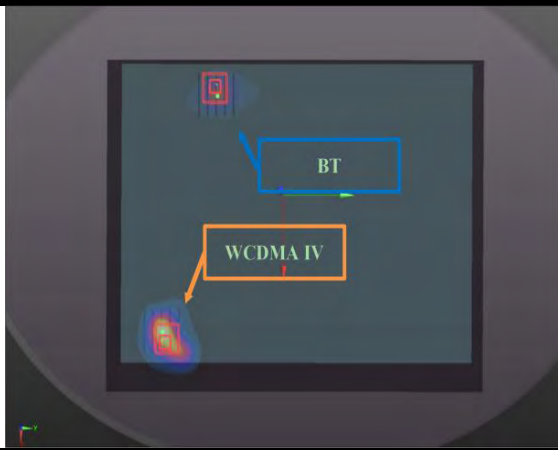

# FCC SAR Test Report

Conditions	Exposure Condition	Test Position	SAR Value (W/kg)	Coordinates			Peak Location Separation Distance (R <sub>i</sub> , mm)	SPLSR	Simultaneous Transmission SAR Test
				x	y	z			
WCDMA IV Ch1312	Body	Rear Face	0.96	96.4	-126.2	6.63	289.1	0.01	SPLSR ≤ 0.04, Not required
802.11b Ch6_Ant0			0.96	75	162	-1.22			
WCDMA IV Ch1312	Body	Rear Face	0.96	96.4	-126.2	6.63	199.3	0.01	SPLSR ≤ 0.04, Not required
BT Ch39_Ant1			0.37	-95.5	-73	-2			
802.11b Ch6_Ant0	Body	Rear Face	0.96	75	162	-1.22	290.3	0.01	SPLSR ≤ 0.04, Not required
BT Ch39_Ant1			0.37	-95.5	-73	-2			



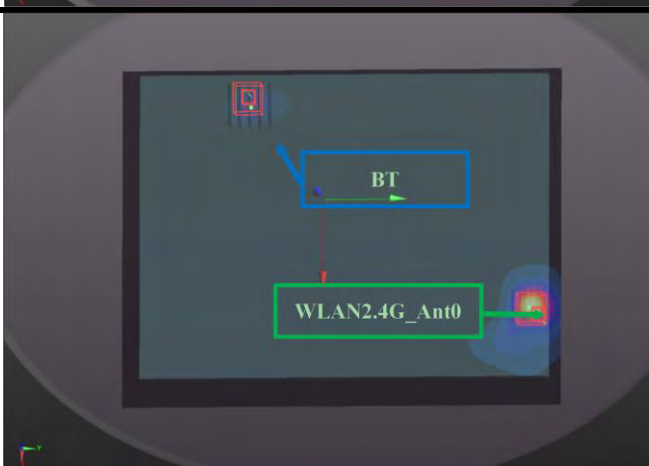
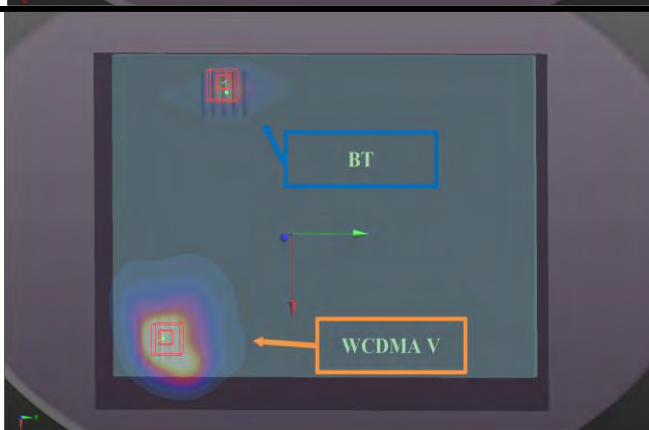
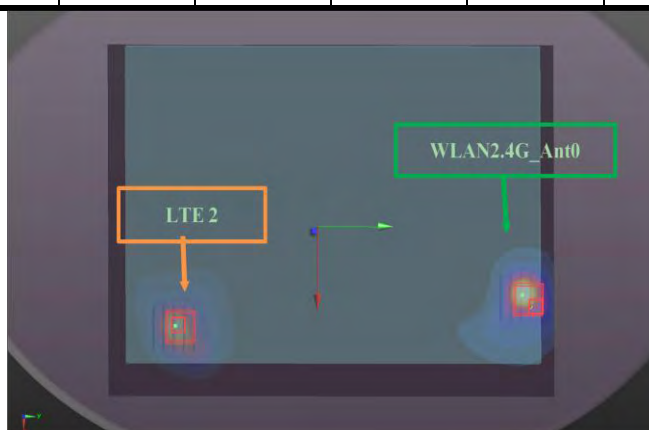


# FCC SAR Test Report

Conditions	Exposure Condition	Test Position	SAR Value (W/kg)	Coordinates			Peak Location Separation Distance (R <sub>i</sub> , mm)	SPLSR	Simultaneous Transmission SAR Test
				x	y	z			
WCDMA IV Ch1312	Body	Rear Face	0.96	96.4	-126.2	6.63	286.1	0.01	SPLSR ≤ 0.04, Not required
802.11ac VHT80 Ch58_Ant0			0.97	84.5	159.5	-1.51			
WCDMA IV Ch1312	Body	Rear Face	0.96	96.4	-126.2	6.63	199.3	0.01	SPLSR ≤ 0.04, Not required
BT Ch39_Ant1			0.37	-95.5	-73	-2			
802.11ac VHT80 Ch58_Ant0	Body	Rear Face	0.97	84.5	159.5	-1.51	294.0	0.01	SPLSR ≤ 0.04, Not required
BT Ch39_Ant1			0.37	-95.5	-73	-2			
									
									
									

# FCC SAR Test Report

Conditions	Exposure Condition	Test Position	SAR Value (W/kg)	Coordinates			Peak Location Separation Distance (R <sub>i</sub> , mm)	SPLSR	Simultaneous Transmission SAR Test
				x	y	z			
WCDMA V Ch4233	Body	Rear Face	0.45	85	-121.4	4.86	283.6	0.01	SPLSR ≤ 0.04, Not required
802.11b Ch6_Ant0			0.96	75	162	-1.22			
WCDMA V Ch4233	Body	Rear Face	0.45	85	-121.4	4.86	187.0	0.00	SPLSR ≤ 0.04, Not required
BT Ch39_Ant1			0.37	-95.5	-73	-2			
802.11b Ch6_Ant0	Body	Rear Face	0.96	75	162	-1.22	290.3	0.01	SPLSR ≤ 0.04, Not required
BT Ch39_Ant1			0.37	-95.5	-73	-2			




# FCC SAR Test Report

Conditions	Exposure Condition	Test Position	SAR Value (W/kg)	Coordinates			Peak Location Separation Distance (R <sub>i</sub> , mm)	SPLSR	Simultaneous Transmission SAR Test
				x	y	z			
WCDMA V Ch4233	Body	Rear Face	0.45	85	-121.4	4.86	281.0	0.00	SPLSR ≤ 0.04, Not required
802.11ac VHT80 Ch58_Ant0			0.97	84.5	159.5	-1.51			
WCDMA V Ch4233	Body	Rear Face	0.45	85	-121.4	4.86	187.0	0.00	SPLSR ≤ 0.04, Not required
BT Ch39_Ant1			0.37	-95.5	-73	-2			
802.11ac VHT80 Ch58_Ant0	Body	Rear Face	0.97	84.5	159.5	-1.51	294.0	0.01	SPLSR ≤ 0.04, Not required
BT Ch39_Ant1			0.37	-95.5	-73	-2			




# FCC SAR Test Report

Conditions	Exposure Condition	Test Position	SAR Value (W/kg)	Coordinates			Peak Location Separation Distance (R <sub>i</sub> , mm)	SPLSR	Simultaneous Transmission SAR Test
				x	y	z			
LTE 2 Ch19100	Body	Rear Face	1.18	107.5	-106.2	-1.41	205.3	0.02	SPLSR ≤ 0.04, Not required
802.11n HT20_Ch6 Ant0+1			1.03	-95.5	-75.5	-1.73			



The diagram shows a top-down view of a device with two active antennas. A green box labeled 'WLAN2.4G\_Ant0+1' is located at the top, and an orange box labeled 'LTE 2' is located below it. Both antennas are indicated by red dots with green arrows pointing to their respective labels. The device is shown within a circular field of view.

Conditions	Exposure Condition	Test Position	SAR Value (W/kg)	Coordinates			Peak Location Separation Distance (R <sub>i</sub> , mm)	SPLSR	Simultaneous Transmission SAR Test
				x	y	z			
LTE 2 Ch19100	Body	Rear Face	1.18	107.5	-106.2	-1.41	266.7	0.01	SPLSR ≤ 0.04, Not required
802.11ac VHT80 Ch58 Ant0			0.97	84.5	159.5	-1.51			




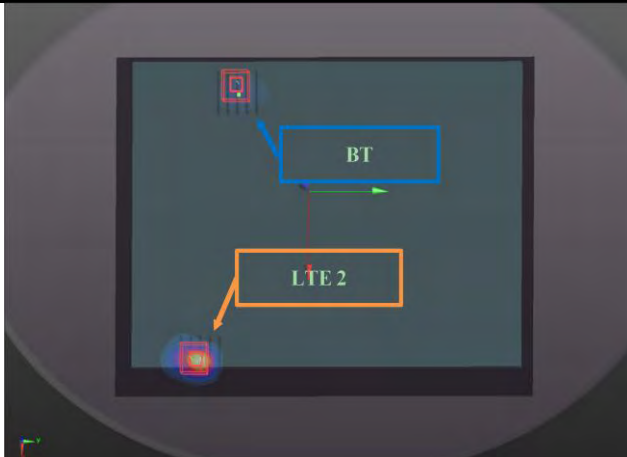
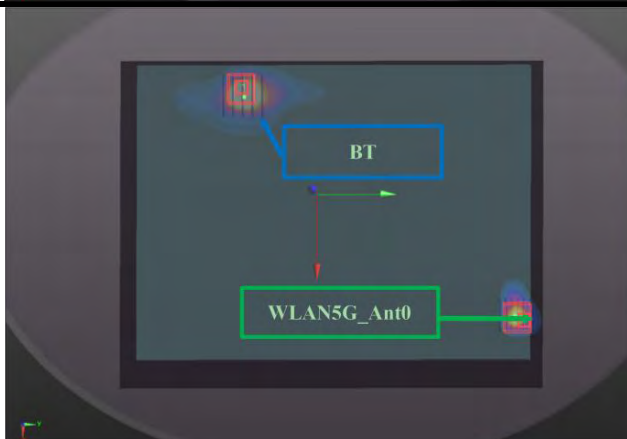
The diagram shows a top-down view of a device with two active antennas. A green box labeled 'WLAN5G\_Ant0' is located at the top, and an orange box labeled 'LTE 2' is located below it. Both antennas are indicated by red dots with green arrows pointing to their respective labels. The device is shown within a circular field of view.

# FCC SAR Test Report

Conditions	Exposure Condition	Test Position	SAR Value (W/kg)	Coordinates			Peak Location Separation Distance (R <sub>i</sub> , mm)	SPLSR	Simultaneous Transmission SAR Test
				x	y	z			
LTE 2 Ch19100	Body	Rear Face	1.18	107.5	-106.2	-1.41	270.2	0.01	SPLSR ≤ 0.04, Not required
802.11b Ch6_Ant0			0.96	75	162	-1.22			
LTE 2 Ch19100	Body	Rear Face	1.18	107.5	-106.2	-1.41	205.7	0.01	SPLSR ≤ 0.04, Not required
BT Ch39_Ant1			0.37	-95.5	-73	-2			
802.11b Ch6_Ant0	Body	Rear Face	0.96	75	162	-1.22	290.3	0.01	SPLSR ≤ 0.04, Not required
BT Ch39_Ant1			0.37	-95.5	-73	-2			



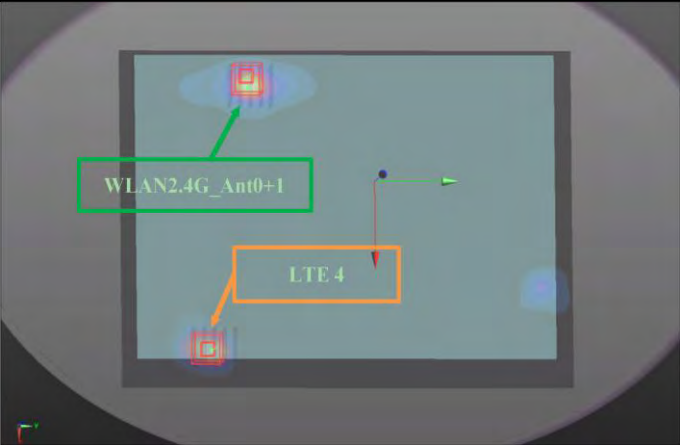
# FCC SAR Test Report

Conditions	Exposure Condition	Test Position	SAR Value (W/kg)	Coordinates			Peak Location Separation Distance (R <sub>i</sub> , mm)	SPLSR	Simultaneous Transmission SAR Test
				x	y	z			
LTE 2 Ch19100	Body	Rear Face	1.18	107.5	-106.2	-1.41	266.7	0.01	SPLSR ≤ 0.04, Not required
802.11ac VHT80 Ch58_Ant0			0.97	84.5	159.5	-1.51			
LTE 2 Ch19100	Body	Rear Face	1.18	107.5	-106.2	-1.41	205.7	0.01	SPLSR ≤ 0.04, Not required
BT Ch39_Ant1			0.37	-95.5	-73	-2			
802.11ac VHT80 Ch58_Ant0	Body	Rear Face	0.97	84.5	159.5	-1.51	294.0	0.01	SPLSR ≤ 0.04, Not required
BT Ch39_Ant1			0.37	-95.5	-73	-2			
									
									
									



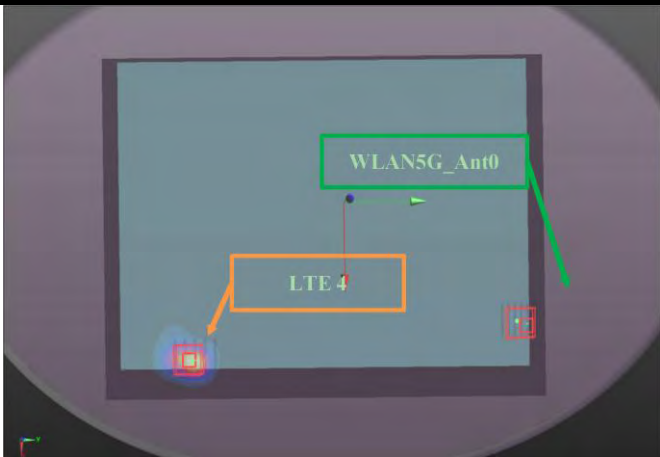
# FCC SAR Test Report

Conditions	Exposure Condition	Test Position	SAR Value (W/kg)	Coordinates			Peak Location Separation Distance (R <sub>i</sub> , mm)	SPLSR	Simultaneous Transmission SAR Test
				x	y	z			
LTE 4 Ch20300	Body	Rear Face	1.19	102.7	-121.5	-1.4	203.5	0.02	SPLSR ≤ 0.04, Not required
802.11n HT20_Ch6 Ant0+1			1.03	-95.5	-75.5	-1.73			



The visualization shows a top-down view of a device with two antenna locations highlighted. A green box labeled 'WLAN2.4G\_Ant0+1' is at the top, and an orange box labeled 'LTE 4' is at the bottom. A green arrow points from the WLAN antenna to the LTE antenna, indicating the separation distance. The background is a dark blue/grey oval representing the test area.

Conditions	Exposure Condition	Test Position	SAR Value (W/kg)	Coordinates			Peak Location Separation Distance (R <sub>i</sub> , mm)	SPLSR	Simultaneous Transmission SAR Test
				x	y	z			
LTE 4 Ch20300	Body	Rear Face	1.19	102.7	-121.5	-1.4	266.7	0.01	SPLSR ≤ 0.04, Not required
802.11ac VHT80 Ch58 Ant0			0.97	84.5	159.5	-1.51			

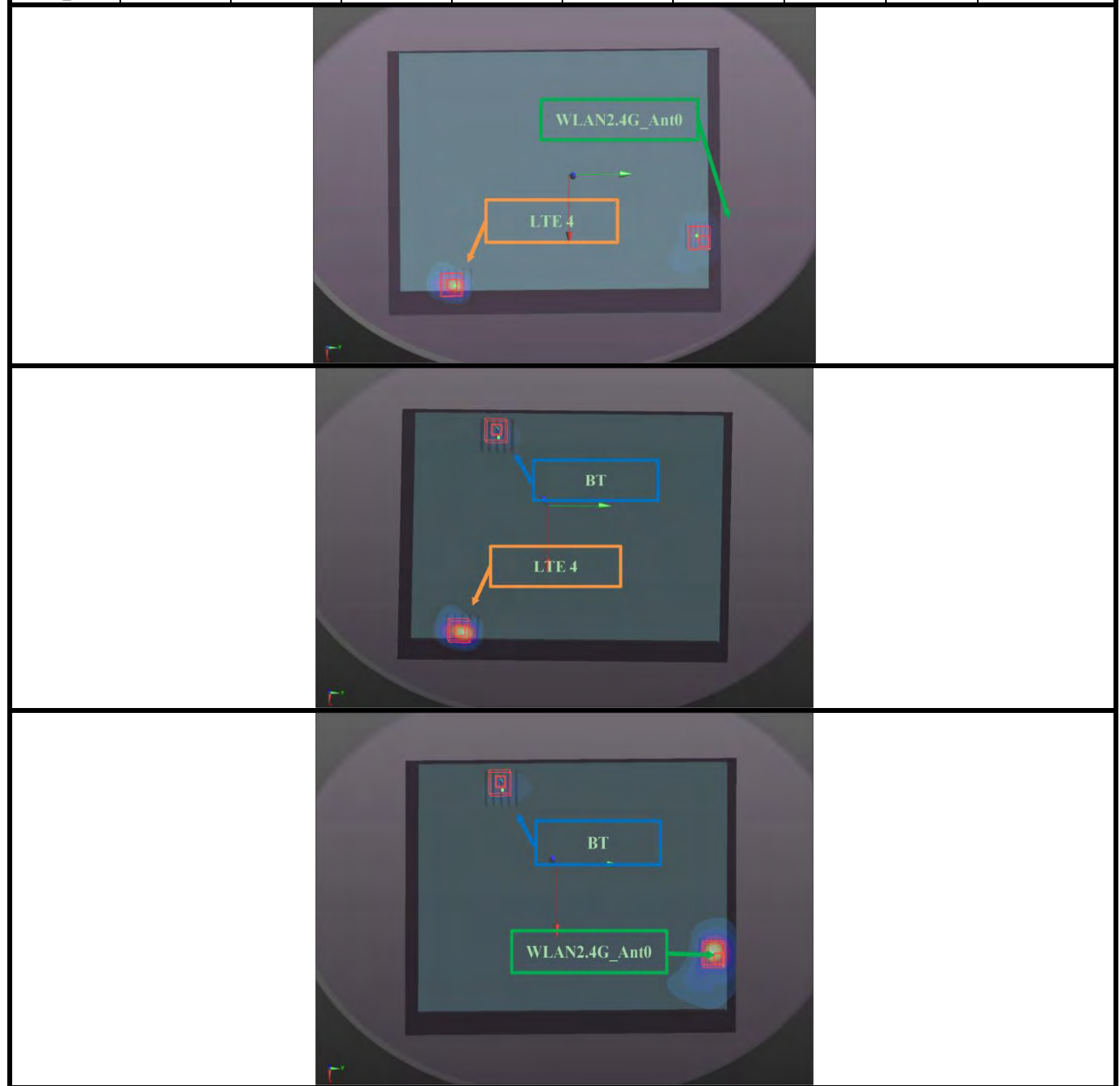


The visualization shows a top-down view of a device with two antenna locations highlighted. A green box labeled 'WLAN5G\_Ant0' is at the top, and an orange box labeled 'LTE 4' is at the bottom. A green arrow points from the WLAN antenna to the LTE antenna, indicating the separation distance. The background is a dark blue/grey oval representing the test area.



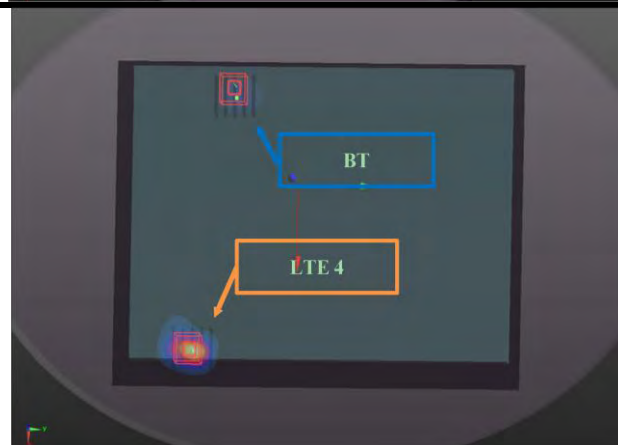
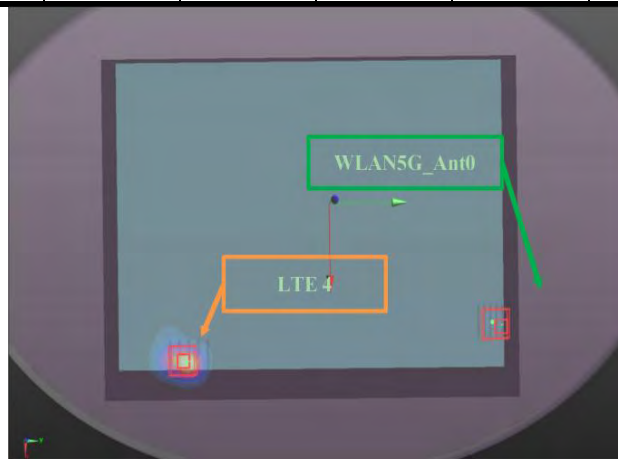
# FCC SAR Test Report

Conditions	Exposure Condition	Test Position	SAR Value (W/kg)	Coordinates			Peak Location Separation Distance (R <sub>i</sub> , mm)	SPLSR	Simultaneous Transmission SAR Test
				x	y	z			
LTE 4 Ch20300	Body	Rear Face	1.19	102.7	-121.5	-1.4	284.9	0.01	SPLSR ≤ 0.04, Not required
802.11b Ch6_Ant0			0.96	75	162	-1.22			
LTE 4 Ch20300	Body	Rear Face	1.19	102.7	-121.5	-1.4	204.0	0.01	SPLSR ≤ 0.04, Not required
BT Ch39_Ant1			0.37	-95.5	-73	-2			
802.11b Ch6_Ant0	Body	Rear Face	0.96	75	162	-1.22	290.3	0.01	SPLSR ≤ 0.04, Not required
BT Ch39_Ant1			0.37	-95.5	-73	-2			



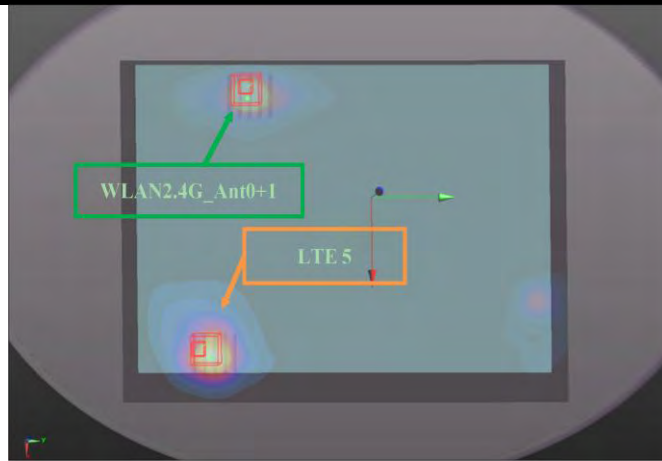
# FCC SAR Test Report

Conditions	Exposure Condition	Test Position	SAR Value (W/kg)	Coordinates			Peak Location Separation Distance (R <sub>i</sub> , mm)	SPLSR	Simultaneous Transmission SAR Test
				x	y	z			
LTE 4 Ch20300	Body	Rear Face	1.19	102.7	-121.5	-1.4	281.6	0.01	SPLSR ≤ 0.04, Not required
802.11ac VHT80 Ch58_Ant0			0.97	84.5	159.5	-1.51			
LTE 4 Ch20300	Body	Rear Face	1.19	102.7	-121.5	-1.4	204.0	0.01	SPLSR ≤ 0.04, Not required
BT Ch39_Ant1			0.37	-95.5	-73	-2			
802.11ac VHT80 Ch58_Ant0	Body	Rear Face	0.97	84.5	159.5	-1.51	294.0	0.01	SPLSR ≤ 0.04, Not required
BT Ch39_Ant1			0.37	-95.5	-73	-2			



# FCC SAR Test Report


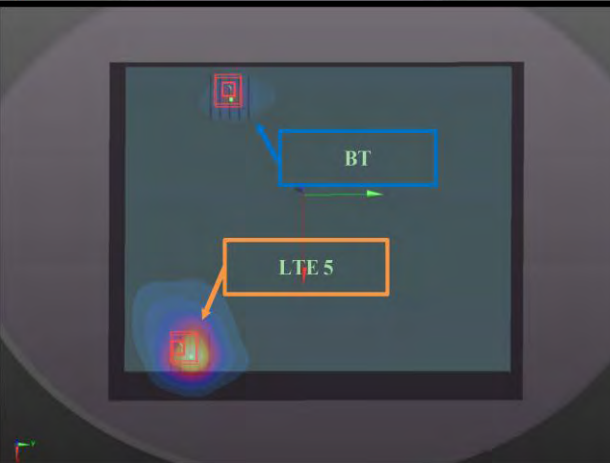
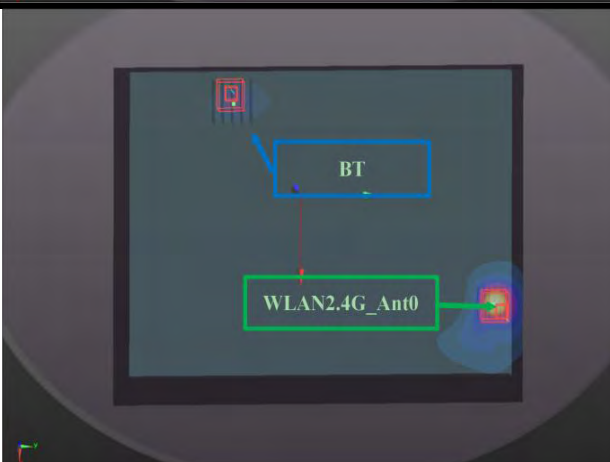
Conditions	Exposure Condition	Test Position	SAR Value (W/kg)	Coordinates			Peak Location Separation Distance (R <sub>i</sub> , mm)	SPLSR	Simultaneous Transmission SAR Test
				x	y	z			
LTE 5 Ch20450	Body	Rear Face	0.63	99.3	-121.5	-1.46	200.2	0.01	SPLSR ≤ 0.04, Not required
802.11n HT20_Ch6 Ant0+1			1.03	-95.5	-75.5	-1.73			




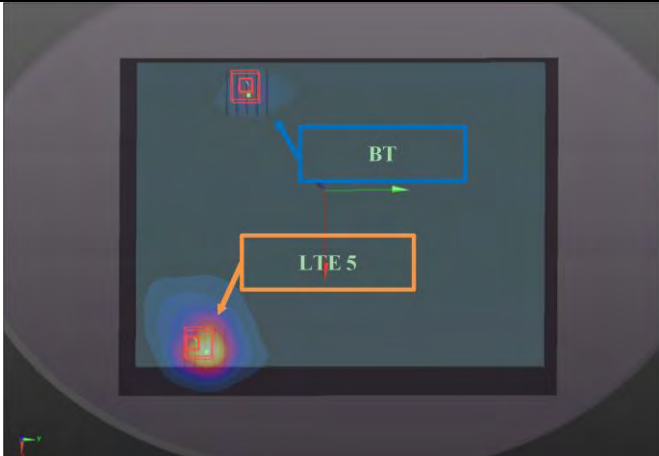

Conditions	Exposure Condition	Test Position	SAR Value (W/kg)	Coordinates			Peak Location Separation Distance (R <sub>i</sub> , mm)	SPLSR	Simultaneous Transmission SAR Test
				x	y	z			
LTE 5 Ch20450	Body	Rear Face	0.63	99.3	-121.5	-1.46	281.4	0.01	SPLSR ≤ 0.04, Not required
802.11ac VHT80 Ch58 Ant0			0.97	84.5	159.5	-1.51			



# FCC SAR Test Report

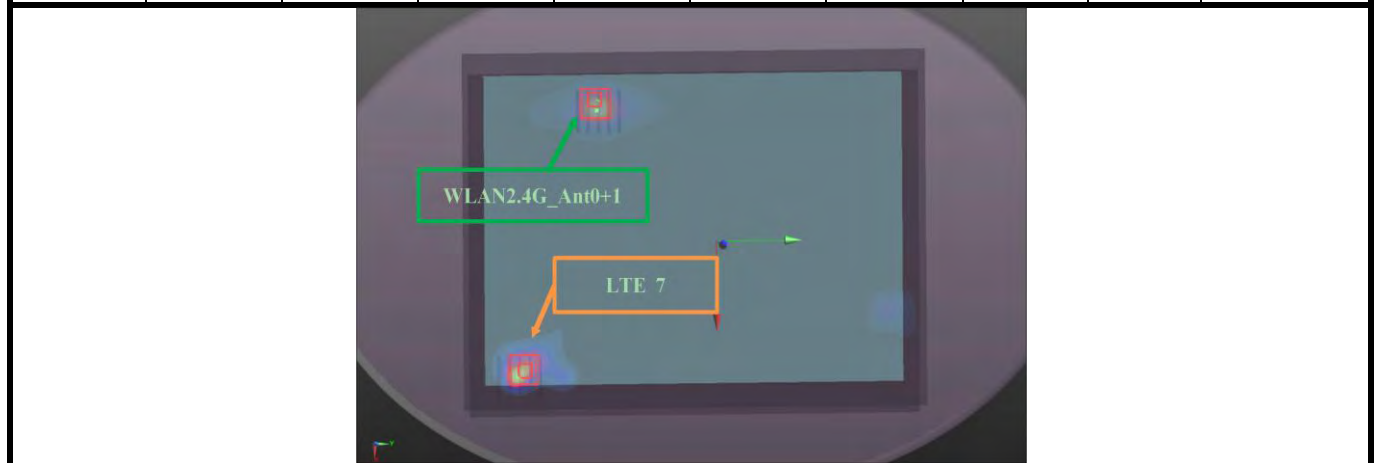
Conditions	Exposure Condition	Test Position	SAR Value (W/kg)	Coordinates			Peak Location Separation Distance (R <sub>i</sub> , mm)	SPLSR	Simultaneous Transmission SAR Test
				x	y	z			
LTE 5 Ch20450	Body	Rear Face	0.63	99.3	-121.5	-1.46	284.5	0.01	SPLSR ≤ 0.04, Not required
802.11b Ch6_Ant0			0.96	75	162	-1.22			
LTE 5 Ch20450	Body	Rear Face	0.63	99.3	-121.5	-1.46	200.7	0.00	SPLSR ≤ 0.04, Not required
BT Ch39_Ant1			0.37	-95.5	-73	-2			
802.11b Ch6_Ant0	Body	Rear Face	0.96	75	162	-1.22	290.3	0.01	SPLSR ≤ 0.04, Not required
BT Ch39_Ant1			0.37	-95.5	-73	-2			
									
									
									

# FCC SAR Test Report

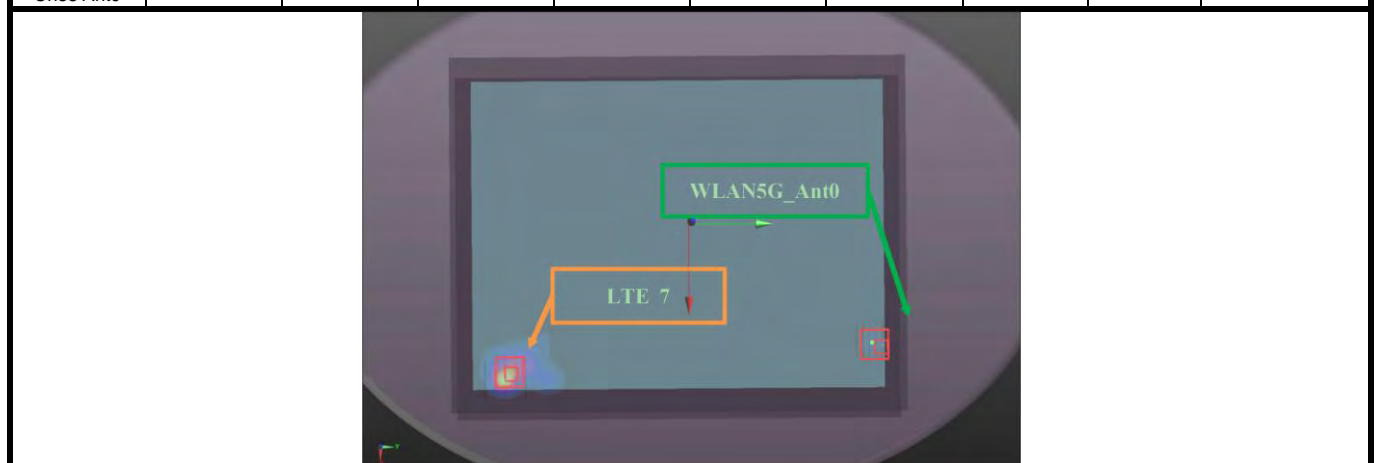
Conditions	Exposure Condition	Test Position	SAR Value (W/kg)	Coordinates			Peak Location Separation Distance (R <sub>i</sub> , mm)	SPLSR	Simultaneous Transmission SAR Test
				x	y	z			
LTE 5 Ch20450	Body	Rear Face	0.63	99.3	-121.5	-1.46	281.4	0.01	SPLSR ≤ 0.04, Not required
802.11ac VHT80 Ch58_Ant0			0.97	84.5	159.5	-1.51			
LTE 5 Ch20450	Body	Rear Face	0.63	99.3	-121.5	-1.46	200.7	0.00	SPLSR ≤ 0.04, Not required
BT Ch39_Ant1			0.37	-95.5	-73	-2			
802.11ac VHT80 Ch58_Ant0	Body	Rear Face	0.97	84.5	159.5	-1.51	294.0	0.01	SPLSR ≤ 0.04, Not required
BT Ch39_Ant1			0.37	-95.5	-73	-2			
									
									
									

# FCC SAR Test Report

Conditions	Exposure Condition	Test Position	SAR Value (W/kg)	Coordinates			Peak Location Separation Distance (R <sub>i</sub> , mm)	SPLSR	Simultaneous Transmission SAR Test
				x	y	z			
LTE 7 Ch20850	Body	Rear Face	1.14	102.8	-134.8	5.48	207.1	0.02	SPLSR ≤ 0.04, Not required
802.11n HT20_Ch6 Ant0+1			1.03	-95.5	-75.5	-1.73			



Conditions	Exposure Condition	Test Position	SAR Value (W/kg)	Coordinates			Peak Location Separation Distance (R <sub>i</sub> , mm)	SPLSR	Simultaneous Transmission SAR Test
				x	y	z			
LTE 7 Ch20850	Body	Rear Face	1.14	102.8	-134.8	5.48	295.0	0.01	SPLSR ≤ 0.04, Not required
802.11ac VHT80 Ch58 Ant0			0.97	84.5	159.5	-1.51			





# FCC SAR Test Report

Conditions	Exposure Condition	Test Position	SAR Value (W/kg)	Coordinates			Peak Location Separation Distance (R <sub>i</sub> , mm)	SPLSR	Simultaneous Transmission SAR Test
				x	y	z			
LTE 7 Ch20850	Body	Rear Face	1.14	102.8	-134.8	5.48	298.2	0.01	SPLSR ≤ 0.04, Not required
802.11b Ch6_Ant0			0.96	75	162	-1.22			
LTE 7 Ch20850	Body	Rear Face	1.14	102.8	-134.8	5.48	207.8	0.01	SPLSR ≤ 0.04, Not required
BT Ch39_Ant1			0.37	-95.5	-73	-2			
802.11b Ch6_Ant0	Body	Rear Face	0.96	75	162	-1.22	290.3	0.01	SPLSR ≤ 0.04, Not required
BT Ch39_Ant1			0.37	-95.5	-73	-2			



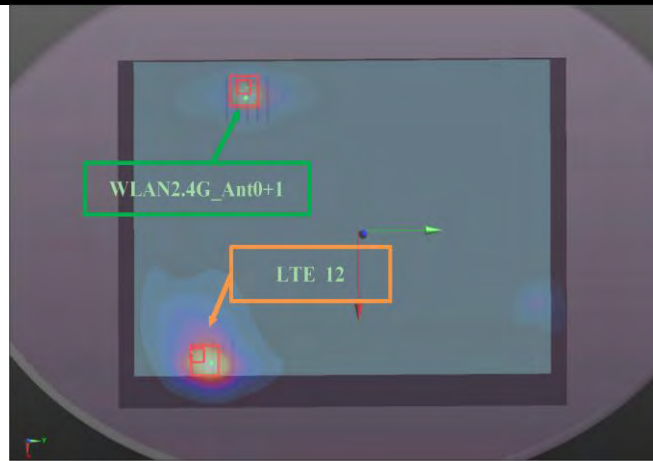


# FCC SAR Test Report

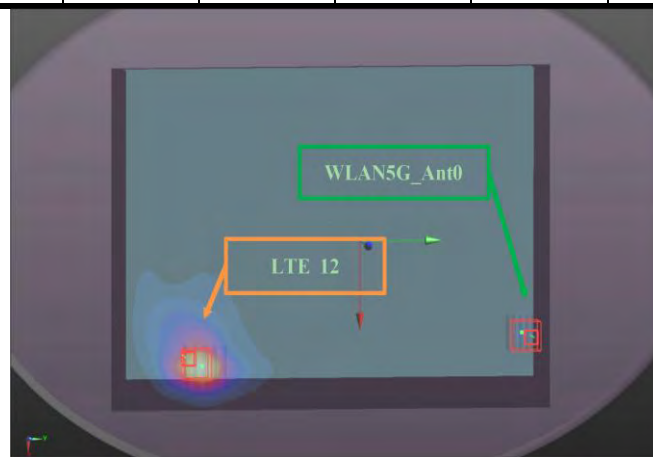
Conditions	Exposure Condition	Test Position	SAR Value (W/kg)	Coordinates			Peak Location Separation Distance (R <sub>i</sub> , mm)	SPLSR	Simultaneous Transmission SAR Test
				x	y	z			
LTE 7 Ch20850	Body	Rear Face	1.14	102.8	-134.8	5.48	295.0	0.01	SPLSR ≤ 0.04, Not required
802.11ac VHT80 Ch58_Ant0			0.97	84.5	159.5	-1.51			
LTE 7 Ch20850	Body	Rear Face	1.14	102.8	-134.8	5.48	207.8	0.01	SPLSR ≤ 0.04, Not required
BT Ch39_Ant1			0.37	-95.5	-73	-2			
802.11ac VHT80 Ch58_Ant0	Body	Rear Face	0.97	84.5	159.5	-1.51	294.0	0.01	SPLSR ≤ 0.04, Not required
BT Ch39_Ant1			0.37	-95.5	-73	-2			

# FCC SAR Test Report

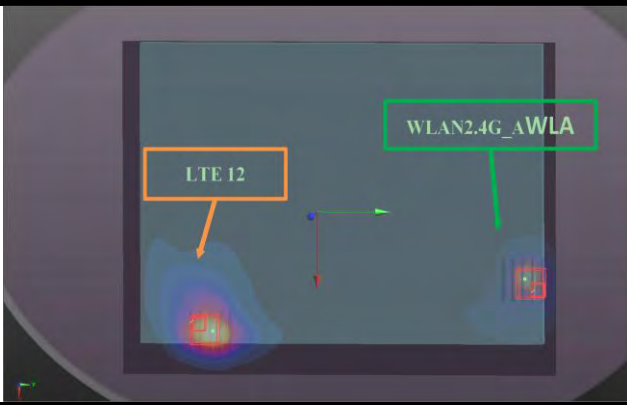
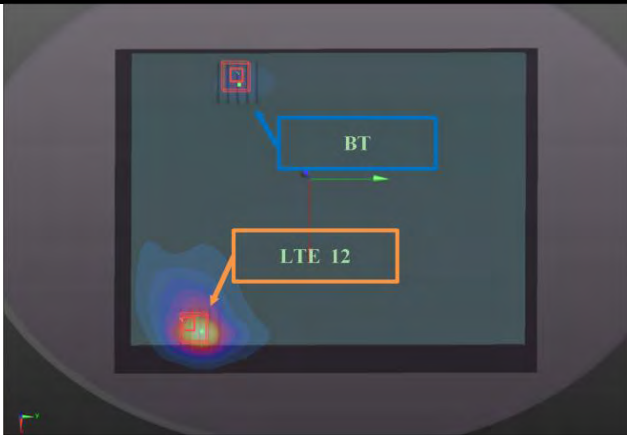
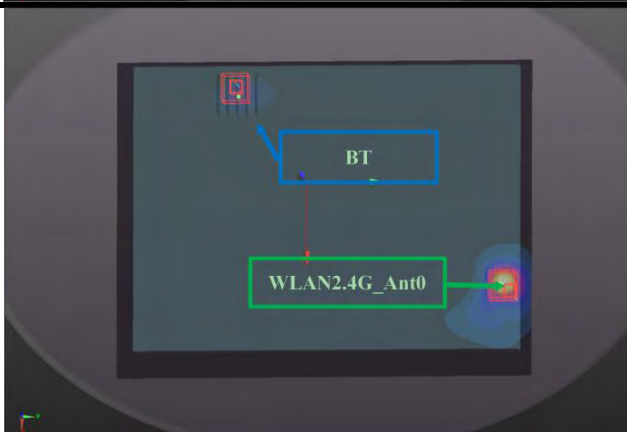
Conditions	Exposure Condition	Test Position	SAR Value (W/kg)	Coordinates			Peak Location Separation Distance (R <sub>i</sub> , mm)	SPLSR	Simultaneous Transmission SAR Test
				x	y	z			
LTE 12 Ch23060	Body	Rear Face	0.77	97.7	-119	-1.38	198.0	0.01	SPLSR ≤ 0.04, Not required
802.11n HT20_Ch6 Ant0+1			1.03	-95.5	-75.5	-1.73			



Conditions	Exposure Condition	Test Position	SAR Value (W/kg)	Coordinates			Peak Location Separation Distance (R <sub>i</sub> , mm)	SPLSR	Simultaneous Transmission SAR Test
				x	y	z			
LTE 12 Ch23060	Body	Rear Face	0.77	97.7	-119	-1.38	278.8	0.01	SPLSR ≤ 0.04, Not required
802.11ac VHT80 Ch58 Ant0			0.97	84.5	159.5	-1.51			

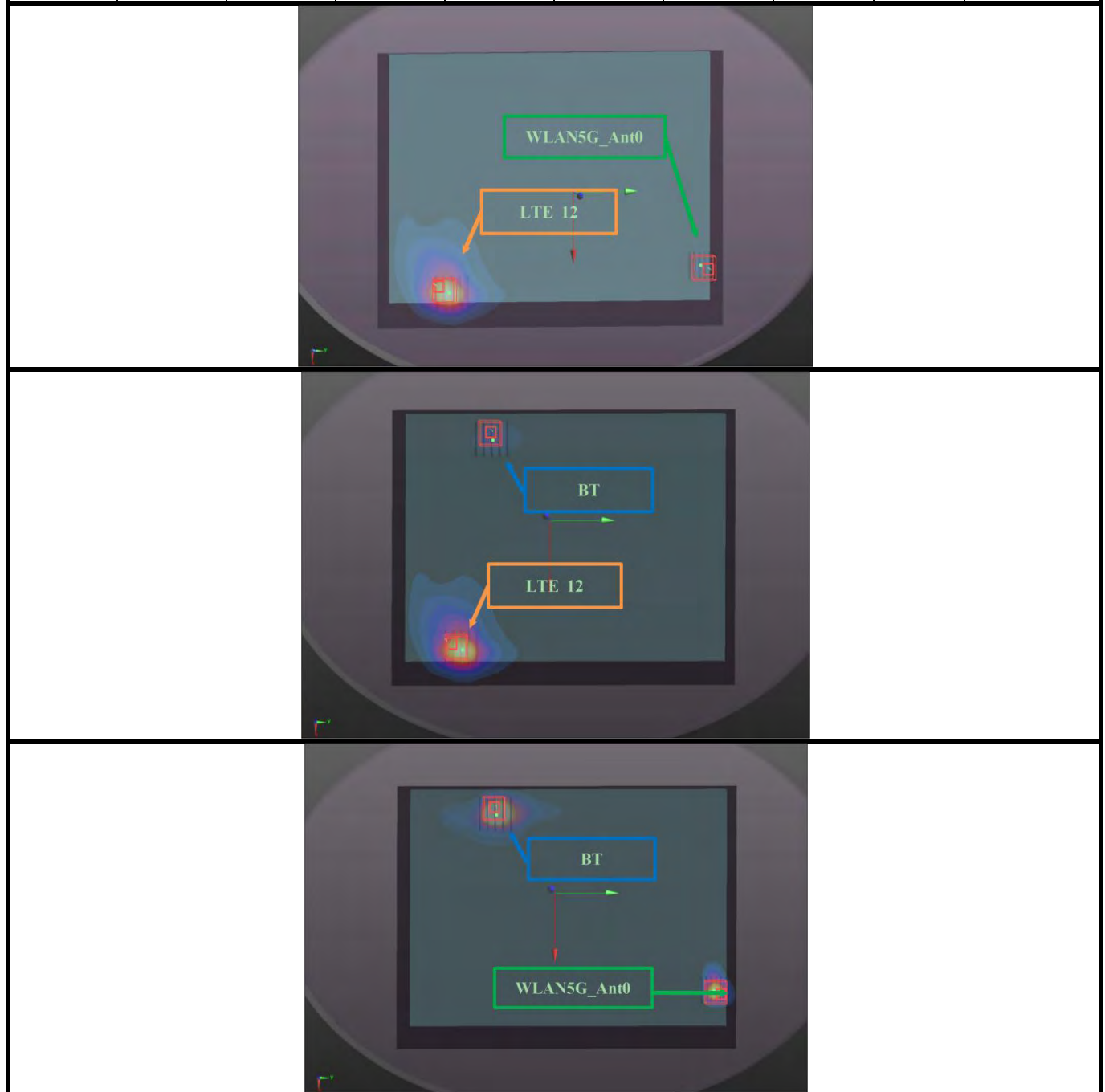


# FCC SAR Test Report

Conditions	Exposure Condition	Test Position	SAR Value (W/kg)	Coordinates			Peak Location Separation Distance (R <sub>i</sub> , mm)	SPLSR	Simultaneous Transmission SAR Test
				x	y	z			
LTE 12 Ch23060	Body	Rear Face	0.77	97.7	-119	-1.38	298.2	0.01	SPLSR ≤ 0.04, Not required
802.11b Ch6_Ant0			0.96	75	162	-1.22			
LTE 12 Ch23060	Body	Rear Face	0.77	97.7	-119	-1.38	207.8	0.01	SPLSR ≤ 0.04, Not required
BT Ch39_Ant1			0.37	-95.5	-73	-2			
802.11b Ch6_Ant0	Body	Rear Face	0.96	75	162	-1.22	290.3	0.01	SPLSR ≤ 0.04, Not required
BT Ch39_Ant1			0.37	-95.5	-73	-2			
									
									
									

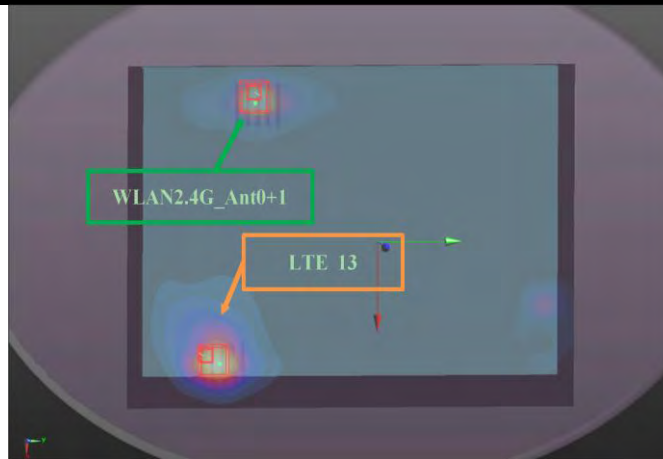
# FCC SAR Test Report

Conditions	Exposure Condition	Test Position	SAR Value (W/kg)	Coordinates			Peak Location Separation Distance (R <sub>i</sub> , mm)	SPLSR	Simultaneous Transmission SAR Test
				x	y	z			
LTE 12 Ch23060	Body	Rear Face	0.77	97.7	-119	-1.38	278.8	0.01	SPLSR ≤ 0.04, Not required
802.11ac VHT80 Ch58_Ant0			0.97	84.5	159.5	-1.51			
LTE 12 Ch23060	Body	Rear Face	0.77	97.7	-119	-1.38	198.6	0.01	SPLSR ≤ 0.04, Not required
BT Ch39_Ant1			0.37	-95.5	-73	-2			
802.11ac VHT80 Ch58_Ant0	Body	Rear Face	0.97	84.5	159.5	-1.51	294.0	0.01	SPLSR ≤ 0.04, Not required
BT Ch39_Ant1			0.37	-95.5	-73	-2			



# FCC SAR Test Report


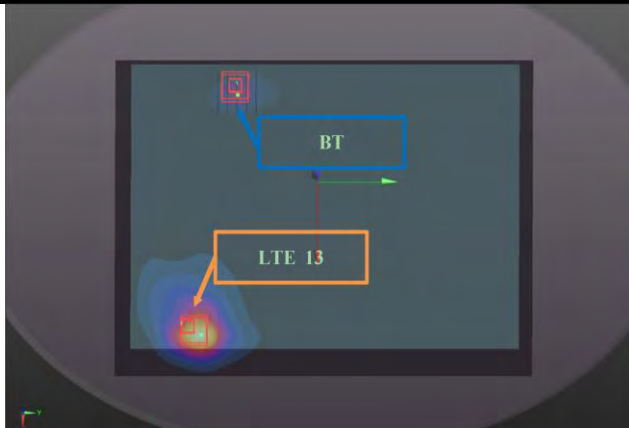
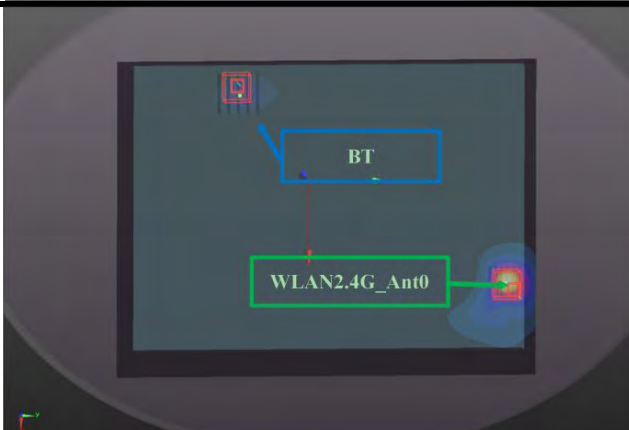
Conditions	Exposure Condition	Test Position	SAR Value (W/kg)	Coordinates			Peak Location Separation Distance (R <sub>i</sub> , mm)	SPLSR	Simultaneous Transmission SAR Test
				x	y	z			
LTE 13 Ch23230	Body	Rear Face	0.69	97.7	-119	-1.41	198.0	0.01	SPLSR ≤ 0.04, Not required
802.11n HT20_Ch6 Ant0+1			1.03	-95.5	-75.5	-1.73			



Conditions	Exposure Condition	Test Position	SAR Value (W/kg)	Coordinates			Peak Location Separation Distance (R <sub>i</sub> , mm)	SPLSR	Simultaneous Transmission SAR Test
				x	y	z			
LTE 13 Ch23230	Body	Rear Face	0.69	97.7	-119	-1.41	278.8	0.01	SPLSR ≤ 0.04, Not required
802.11ac VHT80 Ch58 Ant0			0.97	84.5	159.5	-1.51			


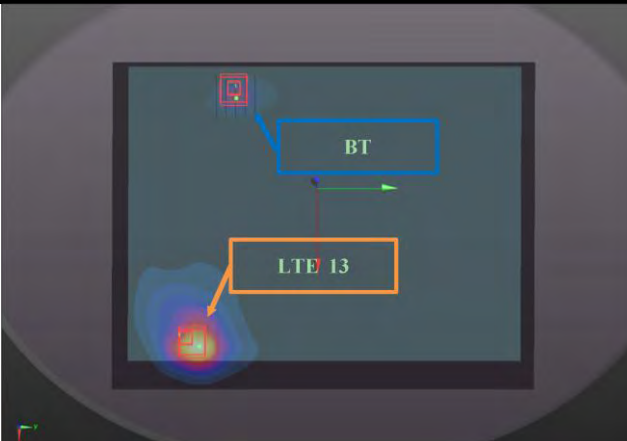



# FCC SAR Test Report

Conditions	Exposure Condition	Test Position	SAR Value (W/kg)	Coordinates			Peak Location Separation Distance (R <sub>i</sub> , mm)	SPLSR	Simultaneous Transmission SAR Test
				x	y	z			
LTE 13 Ch23230	Body	Rear Face	0.69	97.7	-119	-1.41	298.2	0.01	SPLSR ≤ 0.04, Not required
802.11b Ch6_Ant0			0.96	75	162	-1.22			
LTE 13 Ch23230	Body	Rear Face	0.69	97.7	-119	-1.41	207.8	0.01	SPLSR ≤ 0.04, Not required
BT Ch39_Ant1			0.37	-95.5	-73	-2			
802.11b Ch6_Ant0	Body	Rear Face	0.96	75	162	-1.22	290.3	0.01	SPLSR ≤ 0.04, Not required
BT Ch39_Ant1			0.37	-95.5	-73	-2			
									
									
									



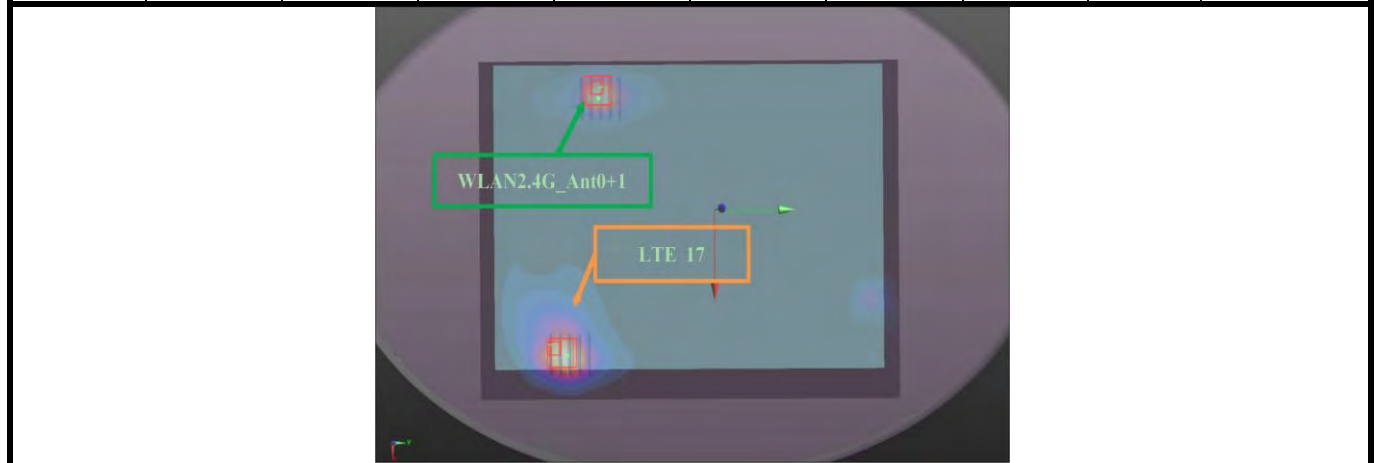
# FCC SAR Test Report

Conditions	Exposure Condition	Test Position	SAR Value (W/kg)	Coordinates			Peak Location Separation Distance (R <sub>i</sub> , mm)	SPLSR	Simultaneous Transmission SAR Test
				x	y	z			
LTE 13 Ch23230	Body	Rear Face	0.69	97.7	-119	-1.41	278.8	0.01	SPLSR ≤ 0.04, Not required
802.11ac VHT80 Ch58_Ant0			0.97	84.5	159.5	-1.51			
LTE 13 Ch23230	Body	Rear Face	0.69	97.7	-119	-1.41	198.6	0.01	SPLSR ≤ 0.04, Not required
BT Ch39_Ant1			0.37	-95.5	-73	-2			
802.11ac VHT80 Ch58_Ant0	Body	Rear Face	0.97	84.5	159.5	-1.51	294.0	0.01	SPLSR ≤ 0.04, Not required
BT Ch39_Ant1			0.37	-95.5	-73	-2			
									
									
									



# FCC SAR Test Report


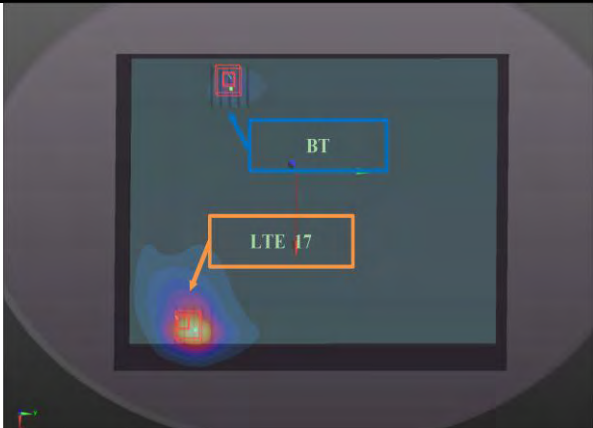
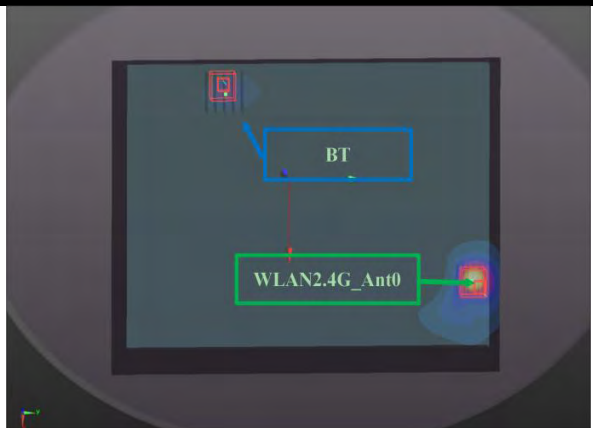
Conditions	Exposure Condition	Test Position	SAR Value (W/kg)	Coordinates			Peak Location Separation Distance (R <sub>i</sub> , mm)	SPLSR	Simultaneous Transmission SAR Test
				x	y	z			
LTE 17 Ch23780	Body	Rear Face	0.73	97.7	-119	-1.43	198.0	0.01	SPLSR ≤ 0.04, Not required
802.11n HT20_Ch6 Ant0+1			1.03	-95.5	-75.5	-1.73			




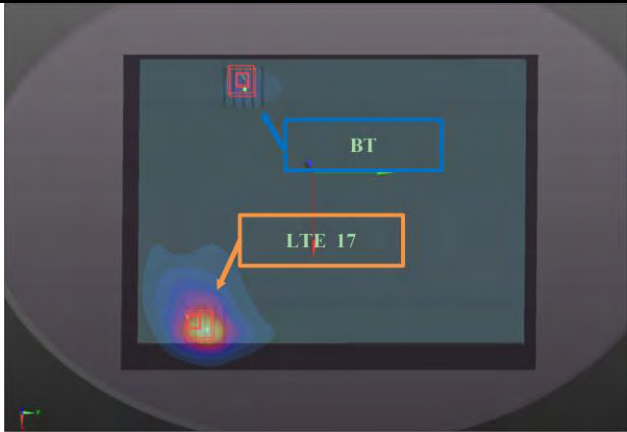

Conditions	Exposure Condition	Test Position	SAR Value (W/kg)	Coordinates			Peak Location Separation Distance (R <sub>i</sub> , mm)	SPLSR	Simultaneous Transmission SAR Test
				x	y	z			
LTE 17 Ch23780	Body	Rear Face	0.73	97.7	-119	-1.43	278.8	0.01	SPLSR ≤ 0.04, Not required
802.11ac VHT80 Ch58 Ant0			0.97	84.5	159.5	-1.51			



# FCC SAR Test Report

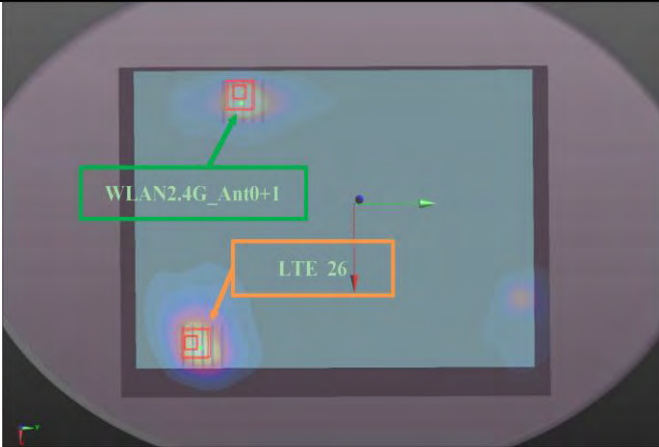
Conditions	Exposure Condition	Test Position	SAR Value (W/kg)	Coordinates			Peak Location Separation Distance (R <sub>i</sub> , mm)	SPLSR	Simultaneous Transmission SAR Test
				x	y	z			
LTE 17 Ch23780	Body	Rear Face	0.73	97.7	-119	-1.43	298.2	0.01	SPLSR ≤ 0.04, Not required
802.11b Ch6_Ant0			0.96	75	162	-1.22			
LTE 17 Ch23780	Body	Rear Face	0.73	97.7	-119	-1.43	207.8	0.01	SPLSR ≤ 0.04, Not required
BT Ch39_Ant1			0.37	-95.5	-73	-2			
802.11b Ch6_Ant0	Body	Rear Face	0.96	75	162	-1.22	290.3	0.01	SPLSR ≤ 0.04, Not required
BT Ch39_Ant1			0.37	-95.5	-73	-2			
									
									
									

# FCC SAR Test Report


Conditions	Exposure Condition	Test Position	SAR Value (W/kg)	Coordinates			Peak Location Separation Distance (R <sub>i</sub> , mm)	SPLSR	Simultaneous Transmission SAR Test
				x	y	z			
LTE 17 Ch23780	Body	Rear Face	0.73	97.7	-119	-1.43	278.8	0.01	SPLSR ≤ 0.04, Not required
802.11ac VHT80 Ch58_Ant0			0.97	84.5	159.5	-1.51			
LTE 17 Ch23780	Body	Rear Face	0.73	97.7	-119	-1.43	198.6	0.01	SPLSR ≤ 0.04, Not required
BT Ch39_Ant1			0.37	-95.5	-73	-2			
802.11ac VHT80 Ch58_Ant0	Body	Rear Face	0.97	84.5	159.5	-1.51	294.0	0.01	SPLSR ≤ 0.04, Not required
BT Ch39_Ant1			0.37	-95.5	-73	-2			
									
									
									

# FCC SAR Test Report


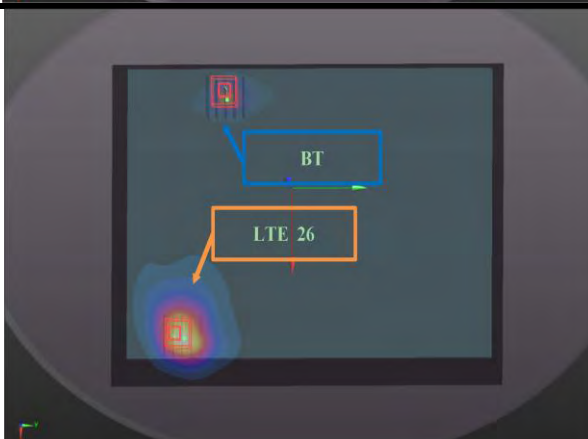
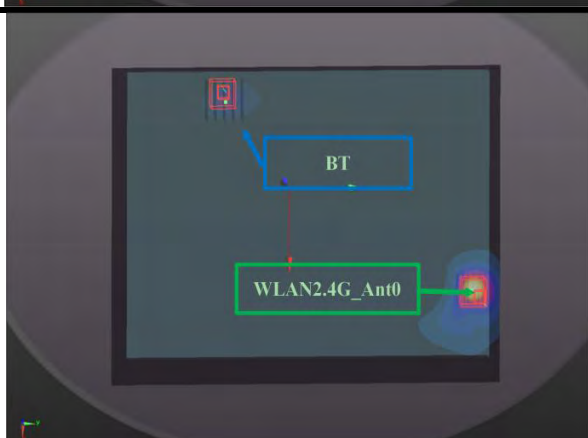
Conditions	Exposure Condition	Test Position	SAR Value (W/kg)	Coordinates			Peak Location Separation Distance (R <sub>i</sub> , mm)	SPLSR	Simultaneous Transmission SAR Test
				x	y	z			
LTE 26 Ch26765	Body	Rear Face	0.63	95.9	-118.5	-1.94	196.2	0.01	SPLSR ≤ 0.04, Not required
802.11n HT20_Ch6 Ant0+1			1.03	-95.5	-75.5	-1.73			



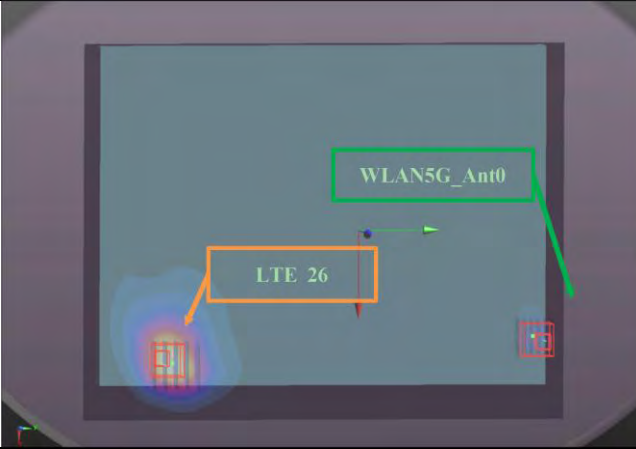


Conditions	Exposure Condition	Test Position	SAR Value (W/kg)	Coordinates			Peak Location Separation Distance (R <sub>i</sub> , mm)	SPLSR	Simultaneous Transmission SAR Test
				x	y	z			
LTE 26 Ch26765	Body	Rear Face	0.63	95.9	-118.5	-1.94	278.2	0.01	SPLSR ≤ 0.04, Not required
802.11ac VHT80 Ch58 Ant0			0.97	84.5	159.5	-1.51			



# FCC SAR Test Report

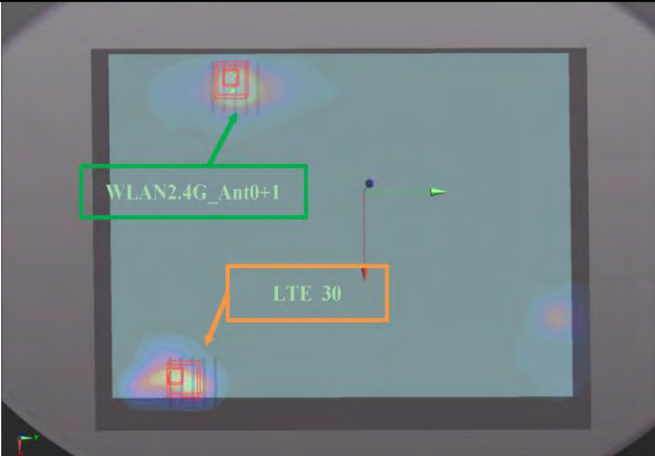
Conditions	Exposure Condition	Test Position	SAR Value (W/kg)	Coordinates			Peak Location Separation Distance (R <sub>i</sub> , mm)	SPLSR	Simultaneous Transmission SAR Test
				x	y	z			
LTE 26 Ch26765	Body	Rear Face	0.63	95.9	-118.5	-1.94	298.2	0.01	SPLSR ≤ 0.04, Not required
802.11b Ch6_Ant0			0.96	75	162	-1.22			
LTE 26 Ch26765	Body	Rear Face	0.63	95.9	-118.5	-1.94	207.8	0.01	SPLSR ≤ 0.04, Not required
BT Ch39_Ant1			0.37	-95.5	-73	-2			
802.11b Ch6_Ant0	Body	Rear Face	0.96	75	162	-1.22	290.3	0.01	SPLSR ≤ 0.04, Not required
BT Ch39_Ant1			0.37	-95.5	-73	-2			
									
									
									

# FCC SAR Test Report

Conditions	Exposure Condition	Test Position	SAR Value (W/kg)	Coordinates			Peak Location Separation Distance (R <sub>i</sub> , mm)	SPLSR	Simultaneous Transmission SAR Test
				x	y	z			
LTE 26 Ch26765	Body	Rear Face	0.63	95.9	-118.5	-1.94	278.2	0.01	SPLSR ≤ 0.04, Not required
802.11ac VHT80 Ch58_Ant0			0.97	84.5	159.5	-1.51			
LTE 26 Ch26765	Body	Rear Face	0.63	95.9	-118.5	-1.94	196.7	0.01	SPLSR ≤ 0.04, Not required
BT Ch39_Ant1			0.37	-95.5	-73	-2			
802.11ac VHT80 Ch58_Ant0	Body	Rear Face	0.97	84.5	159.5	-1.51	294.0	0.01	SPLSR ≤ 0.04, Not required
BT Ch39_Ant1			0.37	-95.5	-73	-2			
									
									
									

# FCC SAR Test Report

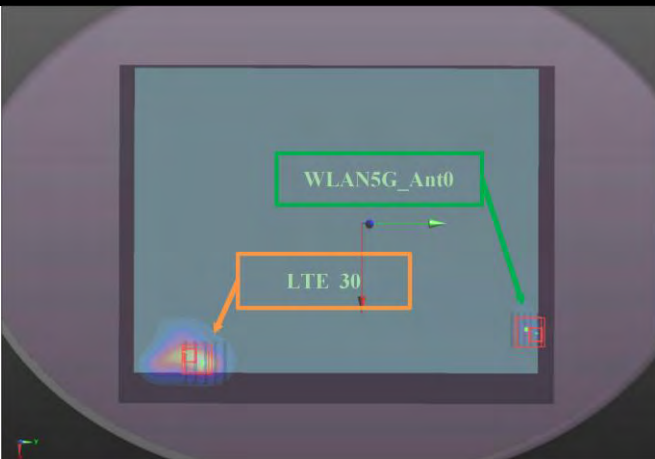
Conditions	Exposure Condition	Test Position	SAR Value (W/kg)	Coordinates			Peak Location Separation Distance (R <sub>i</sub> , mm)	SPLSR	Simultaneous Transmission SAR Test
				x	y	z			
LTE 30 Ch27710	Body	Rear Face	0.85	98.6	-124	5.6	200.2	0.01	SPLSR ≤ 0.04, Not required
802.11n HT20_Ch6 Ant0+1			1.03	-95.5	-75.5	-1.73			



WLAN2.4G\_Ant0+1

LTE 30

Conditions	Exposure Condition	Test Position	SAR Value (W/kg)	Coordinates			Peak Location Separation Distance (R <sub>i</sub> , mm)	SPLSR	Simultaneous Transmission SAR Test
				x	y	z			
LTE 30 Ch27710	Body	Rear Face	0.85	98.6	-124	5.6	283.9	0.01	SPLSR ≤ 0.04, Not required
802.11ac VHT80 Ch58 Ant0			0.97	84.5	159.5	-1.51			


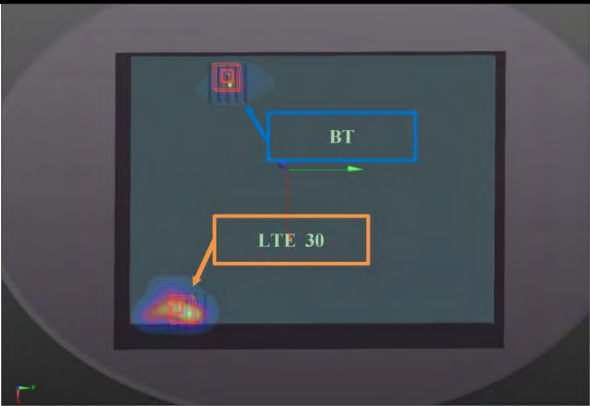



WLAN5G\_Ant0


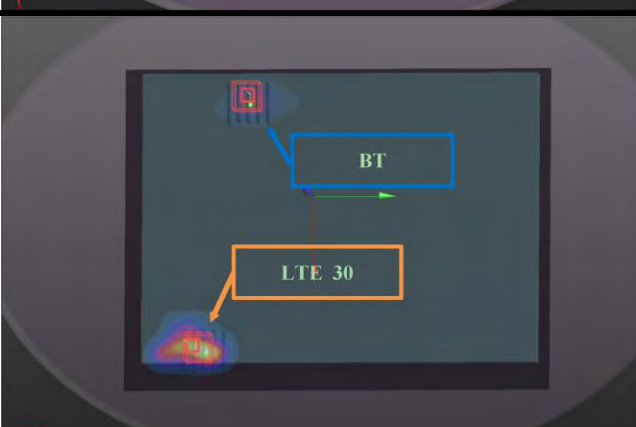
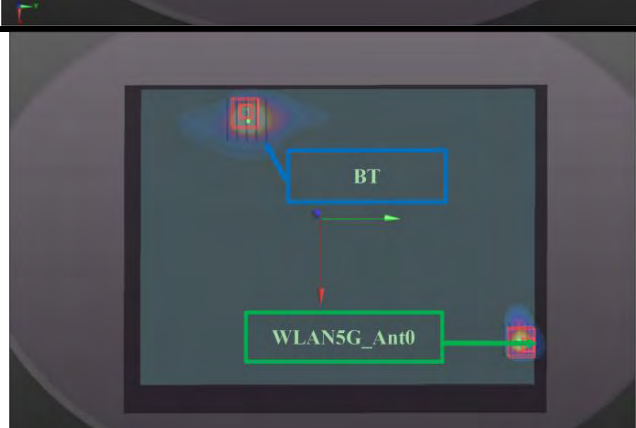
LTE 30



# FCC SAR Test Report


Conditions	Exposure Condition	Test Position	SAR Value (W/kg)	Coordinates			Peak Location Separation Distance (R <sub>i</sub> , mm)	SPLSR	Simultaneous Transmission SAR Test
				x	y	z			
LTE 30 Ch27710	Body	Rear Face	0.85	98.6	-124	5.6	298.2	0.01	SPLSR ≤ 0.04, Not required
802.11b Ch6_Ant0			0.96	75	162	-1.22			
LTE 30 Ch27710	Body	Rear Face	0.85	98.6	-124	5.6	207.8	0.01	SPLSR ≤ 0.04, Not required
BT Ch39_Ant1			0.37	-95.5	-73	-2			
802.11b Ch6_Ant0	Body	Rear Face	0.96	75	162	-1.22	290.3	0.01	SPLSR ≤ 0.04, Not required
BT Ch39_Ant1			0.37	-95.5	-73	-2			
									
									
									

# FCC SAR Test Report


Conditions	Exposure Condition	Test Position	SAR Value (W/kg)	Coordinates			Peak Location Separation Distance (R <sub>i</sub> , mm)	SPLSR	Simultaneous Transmission SAR Test
				x	y	z			
LTE 30 Ch27710	Body	Rear Face	0.85	98.6	-124	5.6	283.9	0.01	SPLSR ≤ 0.04, Not required
802.11ac VHT80 Ch58_Ant0			0.97	84.5	159.5	-1.51			
LTE 30 Ch27710	Body	Rear Face	0.85	98.6	-124	5.6	200.8	0.01	SPLSR ≤ 0.04, Not required
BT Ch39_Ant1			0.37	-95.5	-73	-2			
802.11ac VHT80 Ch58_Ant0	Body	Rear Face	0.97	84.5	159.5	-1.51	294.0	0.01	SPLSR ≤ 0.04, Not required
BT Ch39_Ant1			0.37	-95.5	-73	-2			
									
									
									

# FCC SAR Test Report


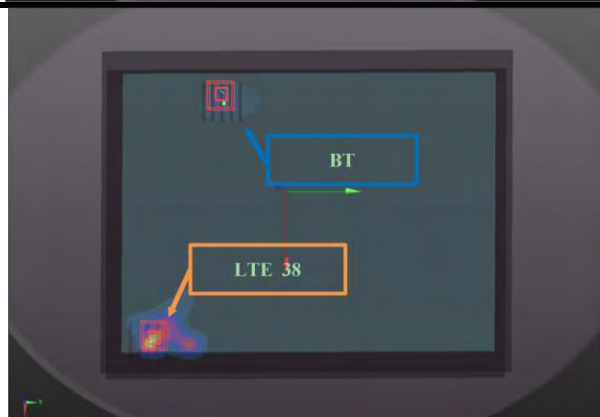
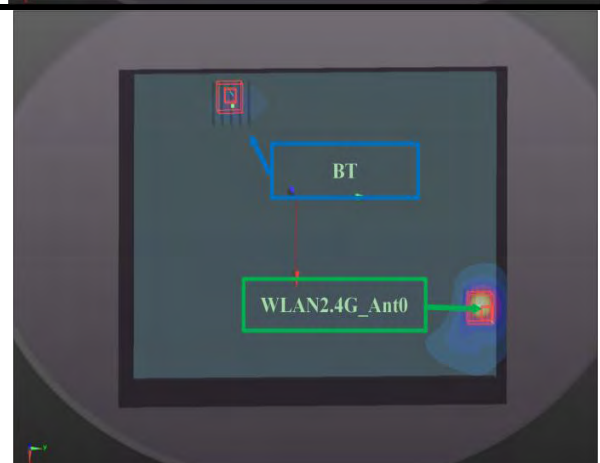
Conditions	Exposure Condition	Test Position	SAR Value (W/kg)	Coordinates			Peak Location Separation Distance (R <sub>i</sub> , mm)	SPLSR	Simultaneous Transmission SAR Test
				x	y	z			
LTE 38 Ch37850	Body	Rear Face	1.17	102.8	-134.4	5.48	207.0	0.02	SPLSR ≤ 0.04, Not required
802.11n HT20_Ch6 Ant0+1			1.03	-95.5	-75.5	-1.73			




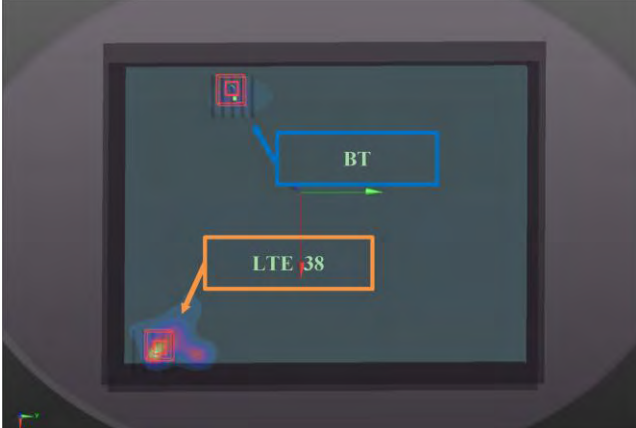

Conditions	Exposure Condition	Test Position	SAR Value (W/kg)	Coordinates			Peak Location Separation Distance (R <sub>i</sub> , mm)	SPLSR	Simultaneous Transmission SAR Test
				x	y	z			
LTE 38 Ch37850	Body	Rear Face	1.17	102.8	-134.4	5.48	294.6	0.01	SPLSR ≤ 0.04, Not required
802.11ac VHT80 Ch58 Ant0			0.97	84.5	159.5	-1.51			



# FCC SAR Test Report

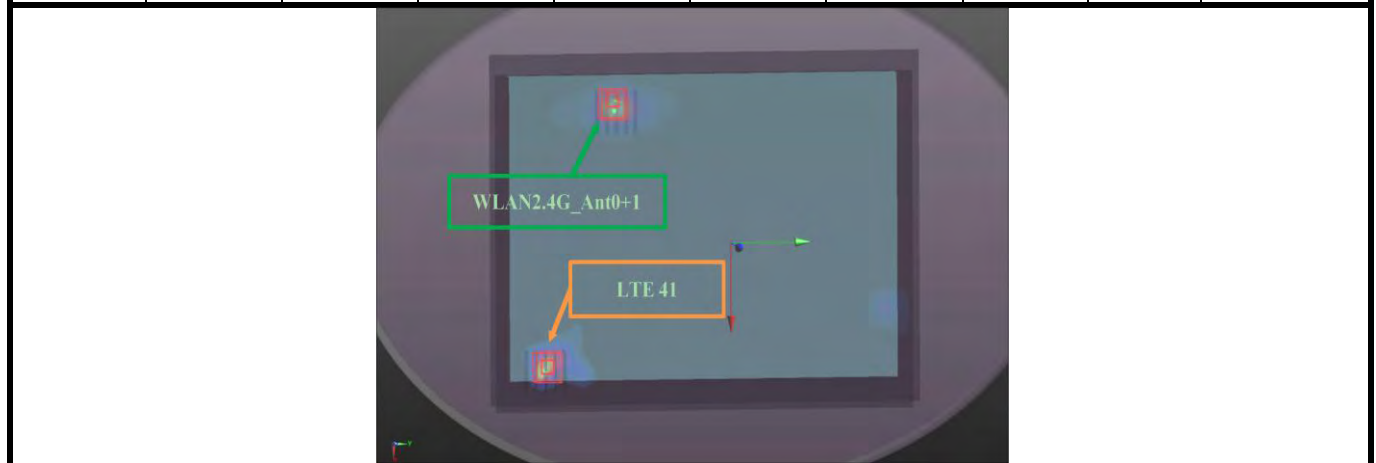
Conditions	Exposure Condition	Test Position	SAR Value (W/kg)	Coordinates			Peak Location Separation Distance (R <sub>i</sub> , mm)	SPLSR	Simultaneous Transmission SAR Test
				x	y	z			
LTE 38 Ch37850	Body	Rear Face	1.17	102.8	-134.4	5.48	297.8	0.01	SPLSR ≤ 0.04, Not required
802.11b Ch6_Ant0			0.96	75	162	-1.22			
LTE 38 Ch37850	Body	Rear Face	1.17	102.8	-134.4	5.48	207.7	0.01	SPLSR ≤ 0.04, Not required
BT Ch39_Ant1			0.37	-95.5	-73	-2			
802.11b Ch6_Ant0	Body	Rear Face	0.96	75	162	-1.22	290.3	0.01	SPLSR ≤ 0.04, Not required
BT Ch39_Ant1			0.37	-95.5	-73	-2			
									
									
									

# FCC SAR Test Report

Conditions	Exposure Condition	Test Position	SAR Value (W/kg)	Coordinates			Peak Location Separation Distance (R <sub>i</sub> , mm)	SPLSR	Simultaneous Transmission SAR Test
				x	y	z			
LTE 38 Ch37850	Body	Rear Face	1.17	102.8	-134.4	5.48	294.6	0.01	SPLSR ≤ 0.04, Not required
802.11ac VHT80 Ch58_Ant0			0.97	84.5	159.5	-1.51			
LTE 38 Ch37850	Body	Rear Face	1.17	102.8	-134.4	5.48	207.7	0.01	SPLSR ≤ 0.04, Not required
BT Ch39_Ant1			0.37	-95.5	-73	-2			
802.11ac VHT80 Ch58_Ant0	Body	Rear Face	0.97	84.5	159.5	-1.51	294.0	0.01	SPLSR ≤ 0.04, Not required
BT Ch39_Ant1			0.37	-95.5	-73	-2			
									
									
									

# FCC SAR Test Report

Conditions	Exposure Condition	Test Position	SAR Value (W/kg)	Coordinates			Peak Location Separation Distance (R <sub>i</sub> , mm)	SPLSR	Simultaneous Transmission SAR Test
				x	y	z			
LTE 41 Ch40185	Body	Rear Face	1.06	102.4	-134.4	5.47	206.6	0.01	SPLSR ≤ 0.04, Not required
802.11n HT20_Ch6 Ant0+1			1.03	-95.5	-75.5	-1.73			



Conditions	Exposure Condition	Test Position	SAR Value (W/kg)	Coordinates			Peak Location Separation Distance (R <sub>i</sub> , mm)	SPLSR	Simultaneous Transmission SAR Test
				x	y	z			
LTE 41 Ch40185	Body	Rear Face	1.06	102.4	-134.4	5.47	294.5	0.01	SPLSR ≤ 0.04, Not required
802.11ac VHT80 Ch58 Ant0			0.97	84.5	159.5	-1.51			





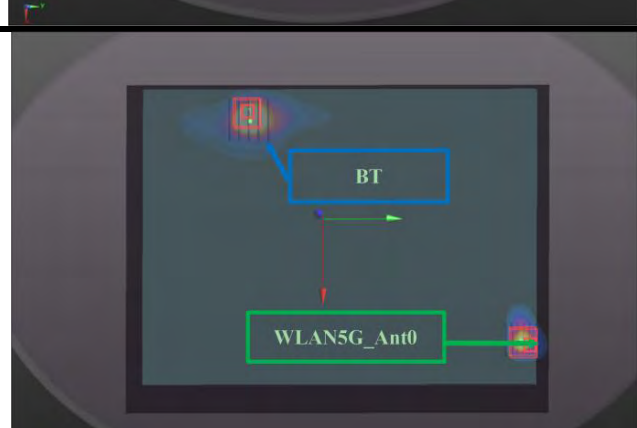
# FCC SAR Test Report

Conditions	Exposure Condition	Test Position	SAR Value (W/kg)	Coordinates			Peak Location Separation Distance (R <sub>i</sub> , mm)	SPLSR	Simultaneous Transmission SAR Test
				x	y	z			
LTE 41 Ch40185	Body	Rear Face	1.06	102.4	-134.4	5.47	297.7	0.01	SPLSR ≤ 0.04, Not required
802.11b Ch6_Ant0			0.96	75	162	-1.22			
LTE 41 Ch40185	Body	Rear Face	1.06	102.4	-134.4	5.47	207.3	0.01	SPLSR ≤ 0.04, Not required
BT Ch39_Ant1			0.37	-95.5	-73	-2			
802.11b Ch6_Ant0	Body	Rear Face	0.96	75	162	-1.22	290.3	0.01	SPLSR ≤ 0.04, Not required
BT Ch39_Ant1			0.37	-95.5	-73	-2			



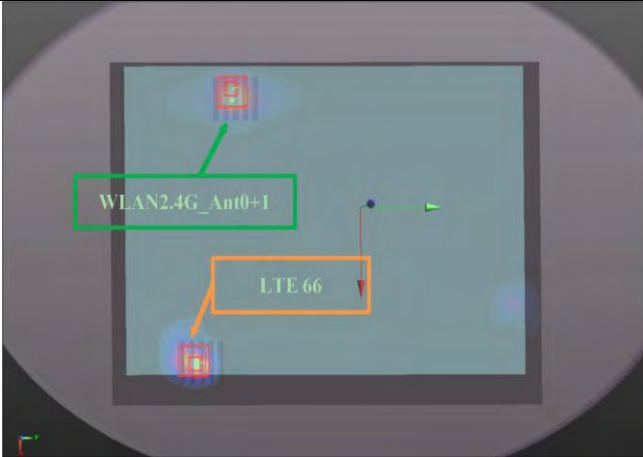


# FCC SAR Test Report

Conditions	Exposure Condition	Test Position	SAR Value (W/kg)	Coordinates			Peak Location Separation Distance (R <sub>i</sub> , mm)	SPLSR	Simultaneous Transmission SAR Test
				x	y	z			
LTE 41 Ch40185	Body	Rear Face	1.06	102.4	-134.4	5.47	294.5	0.01	SPLSR ≤ 0.04, Not required
802.11ac VHT80 Ch58_Ant0			0.97	84.5	159.5	-1.51			
LTE 41 Ch40185	Body	Rear Face	1.06	102.4	-134.4	5.47	207.3	0.01	SPLSR ≤ 0.04, Not required
BT Ch39_Ant1			0.37	-95.5	-73	-2			
802.11ac VHT80 Ch58_Ant0	Body	Rear Face	0.97	84.5	159.5	-1.51	294.0	0.01	SPLSR ≤ 0.04, Not required
BT Ch39_Ant1			0.37	-95.5	-73	-2			
									
									
									


# FCC SAR Test Report

Conditions	Exposure Condition	Test Position	SAR Value (W/kg)	Coordinates			Peak Location Separation Distance (R <sub>i</sub> , mm)	SPLSR	Simultaneous Transmission SAR Test
				x	y	z			
LTE 66 Ch132072	Body	Rear Face	0.95	100.2	-121.5	-1.94	201.0	0.01	SPLSR ≤ 0.04, Not required
802.11n HT20_Ch6 Ant0+1			1.03	-95.5	-75.5	-1.73			



The visualization shows a top-down view of a device with two antenna locations highlighted. A green box labeled 'WLAN2.4G\_Ant0+1' is at the top, and an orange box labeled 'LTE 66' is at the bottom. A red arrow points from the WLAN antenna to the LTE antenna, indicating the separation distance. The background is a dark blue field with a lighter blue rectangular area representing the device's footprint.

Conditions	Exposure Condition	Test Position	SAR Value (W/kg)	Coordinates			Peak Location Separation Distance (R <sub>i</sub> , mm)	SPLSR	Simultaneous Transmission SAR Test
				x	y	z			
LTE 66 Ch132072	Body	Rear Face	0.95	100.2	-121.5	-1.94	281.4	0.01	SPLSR ≤ 0.04, Not required
802.11ac VHT80 Ch58 Ant0			0.97	84.5	159.5	-1.51			



The visualization shows a top-down view of a device with two antenna locations highlighted. A green box labeled 'WLAN5G\_Ant0' is at the top, and an orange box labeled 'LTE 66' is at the bottom. A red arrow points from the WLAN antenna to the LTE antenna, indicating the separation distance. The background is a dark blue field with a lighter blue rectangular area representing the device's footprint.

# FCC SAR Test Report

Conditions	Exposure Condition	Test Position	SAR Value (W/kg)	Coordinates			Peak Location Separation Distance (R <sub>i</sub> , mm)	SPLSR	Simultaneous Transmission SAR Test
				x	y	z			
LTE 66 Ch132072	Body	Rear Face	0.95	100.2	-121.5	-1.94	284.6	0.01	SPLSR ≤ 0.04, Not required
802.11b Ch6_Ant0			0.96	75	162	-1.22			
LTE 66 Ch132072	Body	Rear Face	0.95	100.2	-121.5	-1.94	201.6	0.01	SPLSR ≤ 0.04, Not required
BT Ch39_Ant1			0.37	-95.5	-73	-2			
802.11b Ch6_Ant0	Body	Rear Face	0.96	75	162	-1.22	290.3	0.01	SPLSR ≤ 0.04, Not required
BT Ch39_Ant1			0.37	-95.5	-73	-2			



# FCC SAR Test Report

Conditions	Exposure Condition	Test Position	SAR Value (W/kg)	Coordinates			Peak Location Separation Distance (R <sub>i</sub> , mm)	SPLSR	Simultaneous Transmission SAR Test
				x	y	z			
LTE 66 Ch132072	Body	Rear Face	0.95	100.2	-121.5	-1.94	281.4	0.01	SPLSR ≤ 0.04, Not required
802.11ac VHT80 Ch58_Ant0			0.97	84.5	159.5	-1.51			
LTE 66 Ch132072	Body	Rear Face	0.95	100.2	-121.5	-1.94	201.6	0.01	SPLSR ≤ 0.04, Not required
BT Ch39_Ant1			0.37	-95.5	-73	-2			
802.11ac VHT80 Ch58_Ant0	Body	Rear Face	0.97	84.5	159.5	-1.51	294.0	0.01	SPLSR ≤ 0.04, Not required
BT Ch39_Ant1			0.37	-95.5	-73	-2			



Test Engineer : Kevin Yao, and James Chu

## 5. Calibration of Test Equipment

Equipment	Manufacturer	Model	SN	Cal. Date	Cal. Interval
System Validation Dipole	SPEAG	D750V3	1013	Aug. 21, 2017	1 Year
System Validation Dipole	SPEAG	D835V2	4d121	Aug. 21, 2017	1 Year
System Validation Dipole	SPEAG	D1750V2	1055	Aug. 21, 2017	1 Year
System Validation Dipole	SPEAG	D1900V2	5d036	Jan. 18, 2018	1 Year
System Validation Dipole	SPEAG	D2300V2	1004	Jan. 17, 2018	1 Year
System Validation Dipole	SPEAG	D2450V2	737	Aug. 17, 2017	1 Year
System Validation Dipole	SPEAG	D2600V2	1020	Aug. 17, 2017	1 Year
System Validation Dipole	SPEAG	D5GHzV2	1019	Aug. 23, 2017	1 Year
Dosimetric E-Field Probe	SPEAG	EX3DV4	3650	Jul. 24, 2017	1 Year
Dosimetric E-Field Probe	SPEAG	ET3DV6	3971	Mar. 26, 2018	1 Year
Dosimetric E-Field Probe	SPEAG	EX3DV4	3820	Jun. 27, 2017	1 Year
Data Acquisition Electronics	SPEAG	DAE4	861	May. 22, 2017	1 Year
Data Acquisition Electronics	SPEAG	DAE4	1431	Mar. 16, 2018	1 Year
Data Acquisition Electronics	SPEAG	DAE3	917	Dec. 14, 2017	1 Year
Radio Communication Analyzer	Anritsu	MT8820C	6201010285	Aug. 08, 2017	1 Year
Universal Radio Communication Tester	Anritsu	MT8821C	6201502978	Jul. 14, 2017	1 Year
Spectrum Analyzer	R&S	FSL6	102006	Mar. 23, 2018	1 Year
ENA Series Network Analyzer	Agilent	E5071C	MY46214281	Jun. 09, 2017	1 Year
MXG Analog Signal Generator	Agilent	N5181A	MY50143868	Jul. 10, 2017	1 Year
Vector Signal Generator	Anritsu	MG3710A	6201599977	Mar. 16, 2018	1 Year
Power Meter	Anritsu	ML2495A	1218009	Jul. 12, 2017	1 Year
Power Sensor	Anritsu	MA2411B	1207252	Jul. 12, 2017	1 Year
Thermometer	YFE	YF-160A	130504591	Mar. 23, 2018	1 Year
Dielectric Assessment Kit	SPEAG	DAK-3.5	1047	Aug. 15, 2017	1 Year

## FCC SAR Test Report

### 6. Measurement Uncertainty

Source of Uncertainty	Uncertainty ( $\pm$ %)	Probability Distribution	Divisor	Ci (1g)	Ci (10g)	Standard Uncertainty ( $\pm$ %, 1g)	Standard Uncertainty ( $\pm$ %, 10g)	Vi
<b>Measurement System</b>								
Probe Calibration	6.0	Normal	1	1	1	6.0	6.0	$\infty$
Axial Isotropy	4.7	Rectangular	$\sqrt{3}$	$\sqrt{0.5}$	$\sqrt{0.5}$	1.9	1.9	$\infty$
Hemispherical Isotropy	9.6	Rectangular	$\sqrt{3}$	$\sqrt{0.5}$	$\sqrt{0.5}$	3.9	3.9	$\infty$
Boundary Effect	1.0	Rectangular	$\sqrt{3}$	1	1	0.6	0.6	$\infty$
Linearity	4.7	Rectangular	$\sqrt{3}$	1	1	2.7	2.7	$\infty$
Detection Limits	0.25	Rectangular	$\sqrt{3}$	1	1	0.14	0.14	$\infty$
Probe Modulation Response	3.5	Rectangular	$\sqrt{3}$	1	1	2.0	2.0	$\infty$
Readout Electronics	0.3	Normal	1	1	1	0.3	0.3	$\infty$
Response Time	0.0	Rectangular	$\sqrt{3}$	1	1	0.0	0.0	$\infty$
Integration Time	1.7	Rectangular	$\sqrt{3}$	1	1	1.0	1.0	$\infty$
RF Ambient Conditions – Noise	3.0	Rectangular	$\sqrt{3}$	1	1	1.7	1.7	$\infty$
RF Ambient Conditions – Reflections	3.0	Rectangular	$\sqrt{3}$	1	1	1.7	1.7	$\infty$
Probe Positioner Mechanical Tolerance	0.4	Rectangular	$\sqrt{3}$	1	1	0.2	0.2	$\infty$
Probe Positioning with Respect to Phantom	2.9	Rectangular	$\sqrt{3}$	1	1	1.7	1.7	$\infty$
Post-processing	2.0	Rectangular	$\sqrt{3}$	1	1	1.2	1.2	$\infty$
<b>Test Sample Related</b>								
Test Sample Positioning	4.38 / 1.35	Normal	1	1	1	4.4	1.4	29
Device Holder Uncertainty	2.9 / 4.1	Normal	1	1	1	2.9	4.1	11
Power Drift of Measurement	5.0	Rectangular	$\sqrt{3}$	1	1	2.9	2.9	$\infty$
Power Scaling	0.0	Rectangular	$\sqrt{3}$	1	1	0.0	0.0	$\infty$
<b>Phantom and Setup</b>								
Phantom Uncertainty (Shape and Thickness Tolerances)	7.2	Rectangular	$\sqrt{3}$	1	1	4.2	4.2	$\infty$
Liquid Conductivity ( Temperature Uncertainty)	3.24	Rectangular	$\sqrt{3}$	0.78	0.71	1.5	1.3	$\infty$
Liquid Conductivity (Measured)	2.88	Normal	1	0.78	0.71	2.2	2.0	43
Liquid Permittivity (Temperature Uncertainty)	1.13	Rectangular	$\sqrt{3}$	0.23	0.26	0.2	0.2	$\infty$
Liquid Permittivity (Measured)	2.50	Normal	1	0.23	0.26	0.6	0.7	54
<b>Combined Standard Uncertainty</b>						$\pm 11.8$ %	$\pm 11.3$ %	
<b>Expanded Uncertainty (K=2)</b>						$\pm 23.6$ %	$\pm 22.6$ %	

**Body SAR Uncertainty Budget for Frequency Range of 300 MHz to 3 GHz**

# FCC SAR Test Report

Source of Uncertainty	Uncertainty ( $\pm$ %)	Probability Distribution	Divisor	Ci (1g)	Ci (10g)	Standard Uncertainty ( $\pm$ %, 1g)	Standard Uncertainty ( $\pm$ %, 10g)	Vi
<b>Measurement System</b>								
Probe Calibration	6.55	Normal	1	1	1	6.55	6.55	$\infty$
Axial Isotropy	4.7	Rectangular	$\sqrt{3}$	0.7	0.7	1.9	1.9	$\infty$
Hemispherical Isotropy	9.6	Rectangular	$\sqrt{3}$	0.7	0.7	3.9	3.9	$\infty$
Boundary Effect	2.0	Rectangular	$\sqrt{3}$	1	1	1.2	1.2	$\infty$
Linearity	4.7	Rectangular	$\sqrt{3}$	1	1	2.7	2.7	$\infty$
Detection Limits	0.25	Rectangular	$\sqrt{3}$	1	1	0.14	0.14	$\infty$
Probe Modulation Response	3.5	Rectangular	$\sqrt{3}$	1	1	2.0	2.0	$\infty$
Readout Electronics	0.3	Normal	1	1	1	0.3	0.3	$\infty$
Response Time	0.0	Rectangular	$\sqrt{3}$	1	1	0.0	0.0	$\infty$
Integration Time	1.7	Rectangular	$\sqrt{3}$	1	1	1.0	1.0	$\infty$
RF Ambient Conditions – Noise	3.0	Rectangular	$\sqrt{3}$	1	1	1.7	1.7	$\infty$
RF Ambient Conditions – Reflections	3.0	Rectangular	$\sqrt{3}$	1	1	1.7	1.7	$\infty$
Probe Positioner Mechanical Tolerance	0.4	Rectangular	$\sqrt{3}$	1	1	0.2	0.2	$\infty$
Probe Positioning with Respect to Phantom	6.7	Rectangular	$\sqrt{3}$	1	1	3.9	3.9	$\infty$
Post-processing	4.0	Rectangular	$\sqrt{3}$	1	1	2.3	2.3	$\infty$
<b>Test Sample Related</b>								
Test Sample Positioning	4.38 / 1.35	Normal	1	1	1	4.4	1.4	29
Device Holder Uncertainty	2.9 / 4.1	Normal	1	1	1	2.9	4.1	11
Power Drift of Measurement	5.0	Rectangular	$\sqrt{3}$	1	1	2.9	2.9	$\infty$
Power Scaling	0.0	Rectangular	$\sqrt{3}$	1	1	0.0	0.0	$\infty$
<b>Phantom and Setup</b>								
Phantom Uncertainty (Shape and Thickness Tolerances)	7.6	Rectangular	$\sqrt{3}$	1	1	4.4	4.4	$\infty$
Liquid Conductivity ( Temperature Uncertainty)	3.24	Rectangular	$\sqrt{3}$	0.78	0.71	1.5	1.3	$\infty$
Liquid Conductivity (Measured)	2.88	Normal	1	0.78	0.71	2.2	2.0	43
Liquid Permittivity (Temperature Uncertainty)	1.13	Rectangular	$\sqrt{3}$	0.23	0.26	0.2	0.2	$\infty$
Liquid Permittivity (Measured)	2.50	Normal	1	0.23	0.26	0.6	0.7	54
<b>Combined Standard Uncertainty</b>						$\pm 12.8$ %	$\pm 12.4$ %	
<b>Expanded Uncertainty (K=2)</b>						$\pm 25.6$ %	$\pm 24.8$ %	

## Body SAR Uncertainty Budget for Frequency Range of 3 GHz to 6 GHz



## FCC SAR Test Report

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### 7. Information on the Testing Laboratories

We, Bureau Veritas Consumer Products Services (H.K.) Ltd., Taoyuan Branch, were founded in 1988 to provide our best service in EMC, Radio, Telecom and Safety consultation. Our laboratories are accredited and approved according to ISO/IEC 17025.

If you have any comments, please feel free to contact us at the following:

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The road map of all our labs can be found in our web site also.

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