

Annex G. SAR Test Result

SAR Results for Body Exposure Condition.

Note:

1. SAR testing for WLAN was performed on the maximum power mode.
2. The “< 0.001” means there is no SAR value or the SAR is too low to be measured.

Body SAR Test Result (Tablet mode)

System & Position				JT & Access			SAR							
Plot No.	Band	Mode	Test Position	Separation Distance (mm)	Channel	Ant Status	Duty Cycle	Crest Factor	Max. Tune-up Power (dBm)	Measured Conducted Power (dBm)	Scaling Factor	Power Drift (dB)	Measured SAR-1g (W/kg)	Scaled SAR-1g (W/kg)
1	WLAN2.4G	802.11b	Rear Face	0	1	Ant 0	98.93	1.01	15.00	14.95	1.01	-0.12	0.383	0.39
	WLAN2.4G	802.11b	Left Side	0	1	Ant 0	98.93	1.01	15.00	14.95	1.01	0.19	0.151	0.15
	WLAN2.4G	802.11b	Right Side	0	1	Ant 0	98.93	1.01	15.00	14.95	1.01	0	<0.001	0.00
	WLAN2.4G	802.11b	Top Side	0	1	Ant 0	98.93	1.01	15.00	14.95	1.01	0	<0.001	0.00
	WLAN2.4G	802.11b	Bottom Side	0	1	Ant 0	98.93	1.01	15.00	14.95	1.01	0.05	1.02	1.04
	WLAN2.4G	802.11b	Rear Face	0	1	Ant 1	98.93	1.01	15.00	14.95	1.01	0.12	0.141	0.14
	WLAN2.4G	802.11b	Left Side	0	1	Ant 1	98.93	1.01	15.00	14.95	1.01	0	<0.001	0.00
	WLAN2.4G	802.11b	Right Side	0	1	Ant 1	98.93	1.01	15.00	14.95	1.01	0.05	0.181	0.18
	WLAN2.4G	802.11b	Top Side	0	1	Ant 1	98.93	1.01	15.00	14.95	1.01	0	<0.001	0.00
	WLAN2.4G	802.11b	Bottom Side	0	1	Ant 1	98.93	1.01	15.00	14.95	1.01	-0.15	0.749	0.76
	WLAN2.4G	802.11n HT20	Rear Face	0	11	Ant 0+1	100.00	1.00	18.00	17.95	1.01	-0.12	0.419	0.42
	WLAN2.4G	802.11n HT20	Left Side	0	11	Ant 0+1	100.00	1.00	18.00	17.95	1.01	-0.07	0.192	0.19
	WLAN2.4G	802.11n HT20	Right Side	0	11	Ant 0+1	100.00	1.00	18.00	17.95	1.01	-0.06	0.142	0.14
	WLAN2.4G	802.11n HT20	Top Side	0	11	Ant 0+1	100.00	1.00	18.00	17.95	1.01	0	<0.001	0.00
	WLAN2.4G	802.11n HT20	Bottom Side	0	11	Ant 0+1	100.00	1.00	18.00	17.95	1.01	-0.18	0.901	0.91
	WLAN2.4G	802.11b	Bottom Side	0	6	Ant 0	98.93	1.01	15.00	14.90	1.02	0.09	0.842	0.87
	WLAN2.4G	802.11b	Bottom Side	0	11	Ant 0	98.93	1.01	15.00	14.86	1.03	0.06	0.834	0.87
	WLAN2.4G	802.11b	Bottom Side	0	12	Ant 0	98.93	1.01	15.00	14.94	1.01	-0.05	0.766	0.78
	WLAN2.4G	802.11b	Bottom Side	0	13	Ant 0	98.93	1.01	15.00	14.93	1.02	0.09	0.827	0.85
	WLAN2.4G	802.11n HT20	Bottom Side	0	1	Ant 0+1	100.00	1.00	17.00	16.96	1.01	0.05	0.711	0.72
WLAN2.4G	802.11n HT20	Bottom Side	0	6	Ant 0+1	100.00	1.00	18.00	17.94	1.01	0.15	0.821	0.83	
WLAN2.4G	802.11n HT20	Bottom Side	0	12	Ant 0+1	100.00	1.00	15.00	14.87	1.03	0.15	0.478	0.49	
WLAN2.4G	802.11n HT20	Bottom Side	0	13	Ant 0+1	100.00	1.00	1.50	1.43	1.02	-0.16	0.021	0.02	
WLAN2.4G	802.11b	Bottom Side	0	1	Ant 0	98.93	1.01	15.00	14.95	1.01	0.05	1.01	1.03	
2	WLAN5.3G	802.11ac VHT160	Rear Face	0	50	Ant 0	97.16	1.03	10.50	10.43	1.02	-0.03	0.296	0.31
	WLAN5.3G	802.11ac VHT160	Left Side	0	50	Ant 0	97.16	1.03	10.50	10.43	1.02	0.16	0.064	0.07
	WLAN5.3G	802.11ac VHT160	Right Side	0	50	Ant 0	97.16	1.03	10.50	10.43	1.02	-0.11	0.051	0.05
	WLAN5.3G	802.11ac VHT160	Top Side	0	50	Ant 0	97.16	1.03	10.50	10.43	1.02	-0.12	0.048	0.05
	WLAN5.3G	802.11ac VHT160	Bottom Side	0	50	Ant 0	97.16	1.03	10.50	10.43	1.02	0.16	0.867	0.91
	WLAN5.3G	802.11ac VHT160	Rear Face	0	50	Ant 1	97.38	1.03	10.50	10.44	1.01	0.11	0.119	0.12
	WLAN5.3G	802.11ac VHT160	Left Side	0	50	Ant 1	97.38	1.03	10.50	10.44	1.01	0	<0.001	0.00
	WLAN5.3G	802.11ac VHT160	Right Side	0	50	Ant 1	97.38	1.03	10.50	10.44	1.01	0.17	0.111	0.12
	WLAN5.3G	802.11ac VHT160	Top Side	0	50	Ant 1	97.38	1.03	10.50	10.44	1.01	0	<0.001	0.00
	WLAN5.3G	802.11ac VHT160	Bottom Side	0	50	Ant 1	97.38	1.03	10.50	10.44	1.01	-0.18	0.658	0.68
	WLAN5.3G	802.11ac VHT160	Rear Face	0	50	Ant 0+1	94.96	1.05	13.50	13.30	1.05	-0.05	0.187	0.21
	WLAN5.3G	802.11ac VHT160	Left Side	0	50	Ant 0+1	94.96	1.05	13.50	13.30	1.05	0.12	0.115	0.13
	WLAN5.3G	802.11ac VHT160	Right Side	0	50	Ant 0+1	94.96	1.05	13.50	13.30	1.05	-0.05	0.14	0.15
	WLAN5.3G	802.11ac VHT160	Top Side	0	50	Ant 0+1	94.96	1.05	13.50	13.30	1.05	0	<0.001	0.00
WLAN5.3G	802.11ac VHT160	Bottom Side	0	50	Ant 0+1	94.96	1.05	13.50	13.30	1.05	0.05	0.72	0.79	
WLAN5.3G	802.11ac VHT160	Bottom Side	0	50	Ant 0	97.16	1.03	10.50	10.43	1.02	0.16	0.862	0.91	

Body SAR Test Result (Tablet mode)

System & Position				JT & Access			SAR							
Plot No.	Band	Mode	Test Position	Separation Distance (mm)	Channel	Ant Status	Duty Cycle	Crest Factor	Max. Tune-up Power (dBm)	Measured Conducted Power (dBm)	Scaling Factor	Power Drift (dB)	Measured SAR-1g (W/kg)	Scaled SAR-1g (W/kg)
	WLAN5.6G	802.11ac VHT160	Rear Face	0	114	Ant 0	100.00	1.00	10.50	10.45	1.01	-0.16	0.105	0.11
	WLAN5.6G	802.11ac VHT160	Left Side	0	114	Ant 0	100.00	1.00	10.50	10.45	1.01	-0.09	0.062	0.06
	WLAN5.6G	802.11ac VHT160	Right Side	0	114	Ant 0	100.00	1.00	10.50	10.45	1.01	0	<0.001	0.00
	WLAN5.6G	802.11ac VHT160	Top Side	0	114	Ant 0	100.00	1.00	10.50	10.45	1.01	0	<0.001	0.00
	WLAN5.6G	802.11ac VHT160	Bottom Side	0	114	Ant 0	100.00	1.00	10.50	10.45	1.01	-0.05	0.752	0.76
	WLAN5.6G	802.11ac VHT160	Rear Face	0	114	Ant 1	100.00	1.00	10.50	10.46	1.01	0.17	0.115	0.12
	WLAN5.6G	802.11ac VHT160	Left Side	0	114	Ant 1	100.00	1.00	10.50	10.46	1.01	0	<0.001	0.00
	WLAN5.6G	802.11ac VHT160	Right Side	0	114	Ant 1	100.00	1.00	10.50	10.46	1.01	-0.09	0.094	0.09
	WLAN5.6G	802.11ac VHT160	Top Side	0	114	Ant 1	100.00	1.00	10.50	10.46	1.01	0	<0.001	0.00
	WLAN5.6G	802.11ac VHT160	Bottom Side	0	114	Ant 1	100.00	1.00	10.50	10.46	1.01	0.05	0.738	0.75
	WLAN5.6G	802.11ac VHT160	Rear Face	0	114	Ant 0+1	100.00	1.00	13.50	13.47	1.01	0.05	0.13	0.13
	WLAN5.6G	802.11ac VHT160	Left Side	0	114	Ant 0+1	100.00	1.00	13.50	13.47	1.01	-0.06	0.107	0.11
	WLAN5.6G	802.11ac VHT160	Right Side	0	114	Ant 0+1	100.00	1.00	13.50	13.47	1.01	-0.06	0.119	0.12
	WLAN5.6G	802.11ac VHT160	Top Side	0	114	Ant 0+1	100.00	1.00	13.50	13.47	1.01	0	<0.001	0.00
3	WLAN5.6G	802.11ac VHT160	Bottom Side	0	114	Ant 0+1	100.00	1.00	13.50	13.47	1.01	-0.08	0.94	0.95
	WLAN5.6G	802.11ac VHT160	Bottom Side	0	114	Ant 0+1	100.00	1.00	13.50	13.47	1.01	-0.08	0.935	0.94
	WLAN5.8G	802.11ac VHT80	Rear Face	0	155	Ant 0	98.38	1.02	10.50	10.49	1.00	-0.01	0.174	0.18
	WLAN5.8G	802.11ac VHT80	Left Side	0	155	Ant 0	98.38	1.02	10.50	10.49	1.00	-0.15	0.074	0.08
	WLAN5.8G	802.11ac VHT80	Right Side	0	155	Ant 0	98.38	1.02	10.50	10.49	1.00	0	<0.001	0.00
	WLAN5.8G	802.11ac VHT80	Top Side	0	155	Ant 0	98.38	1.02	10.50	10.49	1.00	0	<0.001	0.00
	WLAN5.8G	802.11ac VHT80	Bottom Side	0	155	Ant 0	98.38	1.02	10.50	10.49	1.00	-0.1	0.938	0.96
	WLAN5.8G	802.11ac VHT80	Rear Face	0	155	Ant 1	98.50	1.02	10.50	10.48	1.00	-0.14	0.2	0.20
	WLAN5.8G	802.11ac VHT80	Left Side	0	155	Ant 1	98.50	1.02	10.50	10.48	1.00	0	<0.001	0.00
	WLAN5.8G	802.11ac VHT80	Right Side	0	155	Ant 1	98.50	1.02	10.50	10.48	1.00	0.06	0.073	0.07
	WLAN5.8G	802.11ac VHT80	Top Side	0	155	Ant 1	98.50	1.02	10.50	10.48	1.00	0	<0.001	0.00
	WLAN5.8G	802.11ac VHT80	Bottom Side	0	155	Ant 1	98.50	1.02	10.50	10.48	1.00	-0.12	0.901	0.92
	WLAN5.8G	802.11ac VHT80	Rear Face	0	155	Ant 0+1	97.86	1.02	13.50	13.46	1.01	0.12	0.177	0.18
	WLAN5.8G	802.11ac VHT80	Left Side	0	155	Ant 0+1	97.86	1.02	13.50	13.46	1.01	-0.17	0.126	0.13
	WLAN5.8G	802.11ac VHT80	Right Side	0	155	Ant 0+1	97.86	1.02	13.50	13.46	1.01	0.11	0.081	0.08
	WLAN5.8G	802.11ac VHT80	Top Side	0	155	Ant 0+1	97.86	1.02	13.50	13.46	1.01	0	<0.001	0.00
4	WLAN5.8G	802.11ac VHT80	Bottom Side	0	155	Ant 0+1	97.86	1.02	13.50	13.46	1.01	0.11	1.04	1.07
	WLAN5.8G	802.11ac VHT80	Bottom Side	0	155	Ant 0+1	97.86	1.02	13.50	13.46	1.01	0.1	1.02	1.05
	BT	BR / EDR	Rear Face	0	78	Ant 1	77.01	1.30	9.50	9.37	1.03	0.05	0.035	0.05
	BT	BR / EDR	Left Side	0	78	Ant 1	77.01	1.30	9.50	9.37	1.03	0	<0.001	0.00
	BT	BR / EDR	Right Side	0	78	Ant 1	77.01	1.30	9.50	9.37	1.03	-0.12	0.036	0.05
	BT	BR / EDR	Top Side	0	78	Ant 1	77.01	1.30	9.50	9.37	1.03	0	<0.001	0.00
	BT	BR / EDR	Bottom Side	0	78	Ant 1	77.01	1.30	9.50	9.37	1.03	-0.02	0.156	0.21
	BT	BR / EDR	Bottom Side	0	0	Ant 1	77.01	1.30	9.50	7.92	1.44	-0.05	0.134	0.25
5	BT	BR / EDR	Bottom Side	0	39	Ant 1	77.01	1.30	9.50	8.15	1.36	0.08	0.181	0.32

Body SAR Test Result (Laptop mode)

System & Position				JT & Access			SAR							
Plot No.	Band	Mode	Test Position	Separation Distance (mm)	Channel	Ant Status	Duty Cycle	Crest Factor	Max. Tune-up Power (dBm)	Measured Conducted Power (dBm)	Scaling Factor	Power Drift (dB)	Measured SAR-1g (W/kg)	Scaled SAR-1g (W/kg)
6	WLAN2.4G	802.11b	Bottom	0	1	Ant 0	98.93	1.01	15.00	14.95	1.01	-0.01	0.791	0.81
	WLAN2.4G	802.11b	Bottom	0	1	Ant 1	98.93	1.01	15.00	14.95	1.01	-0.12	0.467	0.48
	WLAN2.4G	802.11n HT20	Bottom	0	11	Ant 0+1	100.00	1.00	18.00	17.95	1.01	-0.01	0.981	0.99
	WLAN2.4G	802.11n HT20	Bottom	0	1	Ant 0+1	100.00	1.00	17.00	16.96	1.01	-0.12	0.767	0.77
	WLAN2.4G	802.11n HT20	Bottom	0	6	Ant 0+1	100.00	1.00	18.00	17.94	1.01	-0.01	0.918	0.93
	WLAN2.4G	802.11n HT20	Bottom	0	12	Ant 0+1	100.00	1.00	15.00	14.87	1.03	-0.04	0.51	0.53
	WLAN2.4G	802.11n HT20	Bottom	0	13	Ant 0+1	100.00	1.00	1.50	1.43	1.02	-0.08	0.041	0.04
	WLAN2.4G	802.11b	Bottom	0	6	Ant 0	98.93	1.01	15.00	14.90	1.02	-0.01	0.788	0.81
	WLAN2.4G	802.11b	Bottom	0	12	Ant 0	98.93	1.01	15.00	14.94	1.01	-0.04	0.814	0.83
	WLAN2.4G	802.11b	Bottom	0	13	Ant 0	98.93	1.01	15.00	14.93	1.02	-0.08	0.829	0.85
	WLAN2.4G	802.11b	Bottom	0	11	Ant 0	98.93	1.01	15.00	14.86	1.03	-0.01	0.901	0.94
	WLAN2.4G	802.11n HT20	Bottom	0	11	Ant 0+1	100.00	1.00	18.00	17.95	1.01	-0.01	0.979	0.99
7	WLAN5.3G	802.11ac VHT160	Bottom	0	50	Ant 0	97.16	1.03	10.50	10.43	1.02	0.18	1.02	1.07
	WLAN5.3G	802.11ac VHT160	Bottom	0	50	Ant 1	97.38	1.03	10.50	10.44	1.01	0.06	0.599	0.62
	WLAN5.3G	802.11ac VHT160	Bottom	0	50	Ant 0+1	94.96	1.05	13.50	13.30	1.05	-0.17	0.902	0.99
	WLAN5.3G	802.11ac VHT160	Bottom	0	50	Ant 0	97.16	1.03	10.50	10.43	1.02	0.18	1.01	1.06
8	WLAN5.6G	802.11ac VHT160	Bottom	0	114	Ant 0	100.00	1.00	10.50	10.45	1.01	-0.14	0.849	0.86
	WLAN5.6G	802.11ac VHT160	Bottom	0	114	Ant 1	100.00	1.00	10.50	10.46	1.01	0.15	0.836	0.84
	WLAN5.6G	802.11ac VHT160	Bottom	0	114	Ant 0+1	100.00	1.00	13.50	13.47	1.01	-0.11	0.766	0.77
	WLAN5.6G	802.11ac VHT160	Bottom	0	114	Ant 0	100.00	1.00	10.50	10.45	1.01	-0.14	0.842	0.85
9	WLAN5.8G	802.11ac VHT80	Bottom	0	155	Ant 0	98.38	1.02	10.50	10.49	1.00	-0.12	0.984	1.00
	WLAN5.8G	802.11ac VHT80	Bottom	0	155	Ant 1	98.50	1.02	10.50	10.48	1.00	0.15	0.697	0.71
	WLAN5.8G	802.11ac VHT80	Bottom	0	155	Ant 0+1	97.86	1.02	13.50	13.46	1.01	-0.17	1.06	1.09
	WLAN5.8G	802.11ac VHT80	Bottom	0	155	Ant 0+1	97.86	1.02	13.50	13.46	1.01	-0.17	1.02	1.05
10	BT	BR / EDR	Bottom	0	78	Ant 1	77.01	1.30	9.50	9.37	1.03	-0.09	0.148	0.20
	BT	BR / EDR	Bottom	0	0	Ant 1	77.01	1.30	9.50	7.92	1.44	0.13	0.139	0.26
	BT	BR / EDR	Bottom	0	39	Ant 1	77.01	1.30	9.50	8.15	1.36	-0.09	0.18	0.32