

Appendix H. SAR Test Result

SAR Results for Product Specific 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.

Limbs SAR Test Result

System & Position						DUT & Accessory	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-10g (W/kg)	Scaled SAR-10g (W/kg)
1	WLAN2.4G	802.11b	Front Face	0	1	Ant 0+1	99.00	1.01	19.00	18.79	1.05	-0.07	0.32	0.34
	WLAN2.4G	802.11b	Rear Face	0	1	Ant 0+1	99.00	1.01	19.00	18.79	1.05	-0.01	0.598	0.63
	WLAN2.4G	802.11b	Left Side	0	1	Ant 0+1	99.00	1.01	19.00	18.79	1.05	-0.16	0.254	0.27
	WLAN2.4G	802.11b	Right Side	0	1	Ant 0+1	99.00	1.01	19.00	18.79	1.05	-0.11	0.432	0.46
	WLAN2.4G	802.11b	Top Side	0	1	Ant 0+1	99.00	1.01	19.00	18.79	1.05	0.03	0.146	0.15
	WLAN2.4G	802.11b	Bottom Side	0	1	Ant 0+1	99.00	1.01	19.00	18.79	1.05	0.18	0.016	0.02
	WLAN2.4G	802.11b	Rear Face	0	6	Ant 0+1	99.00	1.01	19.00	18.76	1.06	-0.12	0.385	0.41
	WLAN2.4G	802.11b	Rear Face	0	11	Ant 0+1	99.00	1.01	19.00	18.68	1.08	-0.07	0.355	0.39
2	WLAN5.3G	802.11a	Front Face	0	52	Ant 0+1	99.00	1.01	17.50	17.11	1.09	-0.18	0.197	0.22
	WLAN5.3G	802.11a	Rear Face	0	52	Ant 0+1	99.00	1.01	17.50	17.11	1.09	-0.15	1.09	1.20
	WLAN5.3G	802.11a	Left Side	0	52	Ant 0+1	99.00	1.01	17.50	17.11	1.09	0.07	0.55	0.61
	WLAN5.3G	802.11a	Right Side	0	52	Ant 0+1	99.00	1.01	17.50	17.11	1.09	-0.02	0.373	0.41
	WLAN5.3G	802.11a	Top Side	0	52	Ant 0+1	99.00	1.01	17.50	17.11	1.09	0.07	0.08	0.09
	WLAN5.3G	802.11a	Bottom Side	0	52	Ant 0+1	99.00	1.01	17.50	17.11	1.09	0	<0.001	0.00
	WLAN5.3G	802.11a	Rear Face	0	60	Ant 0+1	99.00	1.01	17.50	17.04	1.11	-0.03	1.04	1.17
	WLAN5.3G	802.11a	Rear Face	0	64	Ant 0+1	99.00	1.01	17.50	17.10	1.10	-0.02	0.857	0.95
3	WLAN5.6G	802.11a	Front Face	0	140	Ant 0+1	99.00	1.01	17.50	17.33	1.04	-0.12	0.346	0.36
	WLAN5.6G	802.11a	Rear Face	0	140	Ant 0+1	99.00	1.01	17.50	17.33	1.04	-0.04	0.664	0.70
	WLAN5.6G	802.11a	Left Side	0	140	Ant 0+1	99.00	1.01	17.50	17.33	1.04	-0.18	0.654	0.69
	WLAN5.6G	802.11a	Right Side	0	140	Ant 0+1	99.00	1.01	17.50	17.33	1.04	-0.06	0.58	0.61
	WLAN5.6G	802.11a	Top Side	0	140	Ant 0+1	99.00	1.01	17.50	17.33	1.04	-0.1	0.296	0.31
	WLAN5.6G	802.11a	Bottom Side	0	140	Ant 0+1	99.00	1.01	17.50	17.33	1.04	0	<0.001	0.00
	WLAN5.6G	802.11a	Rear Face	0	100	Ant 0+1	99.00	1.01	17.50	17.23	1.06	0.09	0.648	0.69
	WLAN5.6G	802.11a	Rear Face	0	116	Ant 0+1	99.00	1.01	17.50	17.24	1.06	0.04	0.629	0.67
	WLAN5.6G	802.11a	Rear Face	0	144	Ant 0+1	99.00	1.01	17.50	17.17	1.08	-0.16	0.624	0.68
4	WLAN5.8G	802.11a	Front Face	0	165	Ant 0+1	99.00	1.01	17.50	17.13	1.09	0.06	0.268	0.30
	WLAN5.8G	802.11a	Rear Face	0	165	Ant 0+1	99.00	1.01	17.50	17.13	1.09	-0.08	0.566	0.62
	WLAN5.8G	802.11a	Left Side	0	165	Ant 0+1	99.00	1.01	17.50	17.13	1.09	0.04	0.559	0.62
	WLAN5.8G	802.11a	Right Side	0	165	Ant 0+1	99.00	1.01	17.50	17.13	1.09	0.05	0.499	0.55
	WLAN5.8G	802.11a	Top Side	0	165	Ant 0+1	99.00	1.01	17.50	17.13	1.09	-0.19	0.323	0.36
	WLAN5.8G	802.11a	Bottom Side	0	165	Ant 0+1	99.00	1.01	17.50	17.13	1.09	0	<0.001	0.00
	WLAN5.8G	802.11a	Rear Face	0	149	Ant 0+1	99.00	1.01	17.50	17.11	1.09	-0.02	0.48	0.53
	WLAN5.8G	802.11a	Rear Face	0	157	Ant 0+1	99.00	1.01	17.50	17.11	1.09	0.17	0.554	0.61

Limbs SAR Test Result

System & Position						DUT & Accessory	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-10g (W/kg)	Scaled SAR-10g (W/kg)
5	BT	BDR	Front Face	0	39	Ant 1	77.66	1.29	11.50	11.45	1.01	-0.06	0.092	0.12
	BT	BDR	Rear Face	0	39	Ant 1	77.66	1.29	11.50	11.45	1.01	0.15	0.071	0.09
	BT	BDR	Left Side	0	39	Ant 1	77.66	1.29	11.50	11.45	1.01	0	<0.001	0.00
	BT	BDR	Right Side	0	39	Ant 1	77.66	1.29	11.50	11.45	1.01	0.1	0.074	0.10
	BT	BDR	Top Side	0	39	Ant 1	77.66	1.29	11.50	11.45	1.01	-0.03	0.068	0.09
	BT	BDR	Bottom Side	0	39	Ant 1	77.66	1.29	11.50	11.45	1.01	0	<0.001	0.00
	BT	BDR	Right Side	0	0	Ant 1	77.66	1.29	11.50	11.15	1.08	0.01	0.072	0.10
	BT	BDR	Right Side	0	78	Ant 1	77.66	1.29	11.50	11.09	1.10	-0.08	0.047	0.07