

Appendix H. SAR Test Result

SAR Results for Body Exposure Condition.

Note:

1. SAR testing for WLAN was performed on the maximum power mode.

Body SAR Test Result

Body SAR Test Result																
System & Position						DUT & Accessory			SAR							
Plot No.	Band	Mode	Test Position	Separation Distance (mm)	Channel	Cover Shell Material	Ant Status	Antenna Manufacturer	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	Bottom	0	11	Metal	Ant 0	HTK	94.80	1.05	16.50	16.45	1.01	0.05	0.203	0.22
	WLAN2.4G	802.11b	Bottom	0	11	Metal	Ant 1	HTK	95.50	1.05	16.50	16.49	1.00	-0.18	0.334	0.35
	WLAN2.4G	802.11b	Bottom	0	1	Metal	Ant 0+1	HTK	95.00	1.05	19.50	19.46	1.01	0.01	0.31	0.33
	WLAN2.4G	802.11b	Bottom	0	1	Metal	Ant 1	HTK	95.50	1.05	16.50	16.45	1.01	-0.02	0.302	0.32
	WLAN2.4G	802.11b	Bottom	0	6	Metal	Ant 1	HTK	95.50	1.05	16.50	16.48	1.00	0.1	0.317	0.33
	WLAN2.4G	802.11b	Bottom	0	12	Metal	Ant 1	HTK	95.50	1.05	15.50	15.44	1.01	0.07	0.266	0.28
	WLAN2.4G	802.11b	Bottom	0	13	Metal	Ant 1	HTK	95.50	1.05	9.00	8.88	1.03	0.17	0.053	0.06
	WLAN2.4G	802.11b	Bottom	0	11	Metal	Ant 1	Yageo	95.50	1.05	16.50	16.49	1.00	0.04	0.125	0.13
	WLAN2.4G	802.11b	Bottom	0	11	Plastic	Ant 1	HTK	95.50	1.05	16.50	16.49	1.00	0.11	0.319	0.33
2	WLAN5.3G	802.11ac VHT80	Bottom	0	58	Metal	Ant 0	HTK	100.00	1.00	12.00	11.98	1.00	-0.18	0.156	0.16
	WLAN5.3G	802.11ac VHT80	Bottom	0	58	Metal	Ant 1	HTK	100.00	1.00	12.00	11.98	1.00	0.1	0.136	0.14
	WLAN5.3G	802.11ac VHT80	Bottom	0	58	Metal	Ant 0+1	HTK	100.00	1.00	15.00	14.91	1.02	-0.14	0.316	0.32
	WLAN5.3G	802.11ac VHT80	Bottom	0	58	Metal	Ant 0+1	Yageo	100.00	1.00	15.00	14.91	1.02	0.15	0.258	0.26
	WLAN5.3G	802.11ac VHT80	Bottom	0	58	Plastic	Ant 0+1	HTK	100.00	1.00	15.00	14.91	1.02	-0.01	0.278	0.28
3	WLAN5.6G	802.11ac VHT80	Bottom	0	106	Metal	Ant 0	HTK	100.00	1.00	12.00	11.96	1.01	0.15	0.163	0.16
	WLAN5.6G	802.11ac VHT80	Bottom	0	106	Metal	Ant 1	HTK	100.00	1.00	12.00	11.98	1.00	-0.01	0.144	0.14
	WLAN5.6G	802.11ac VHT80	Bottom	0	106	Metal	Ant 0+1	HTK	100.00	1.00	15.00	14.98	1.00	-0.11	0.268	0.27
	WLAN5.6G	802.11ac VHT80	Bottom	0	122	Metal	Ant 0+1	HTK	100.00	1.00	15.00	14.94	1.01	-0.17	0.259	0.26
	WLAN5.6G	802.11ac VHT80	Bottom	0	138	Metal	Ant 0+1	HTK	100.00	1.00	15.00	14.93	1.02	0	0.231	0.24
	WLAN5.6G	802.11ac VHT80	Bottom	0	106	Metal	Ant 0+1	Yageo	100.00	1.00	15.00	14.98	1.00	0.06	0.238	0.24
	WLAN5.6G	802.11ac VHT80	Bottom	0	106	Plastic	Ant 0+1	HTK	100.00	1.00	15.00	14.98	1.00	0.14	0.255	0.26
4	WLAN5.8G	802.11ac VHT80	Bottom	0	155	Metal	Ant 0	HTK	100.00	1.00	12.00	11.97	1.01	-0.1	0.234	0.24
	WLAN5.8G	802.11ac VHT80	Bottom	0	155	Metal	Ant 1	HTK	100.00	1.00	12.00	11.98	1.00	0.08	0.235	0.24
	WLAN5.8G	802.11ac VHT80	Bottom	0	155	Metal	Ant 0+1	HTK	100.00	1.00	15.00	14.95	1.01	0.1	0.357	0.36
	WLAN5.8G	802.11ac VHT80	Bottom	0	155	Metal	Ant 0+1	Yageo	100.00	1.00	15.00	14.95	1.01	0.04	0.311	0.31
	WLAN5.8G	802.11ac VHT80	Bottom	0	155	Plastic	Ant 0+1	HTK	100.00	1.00	15.00	14.95	1.01	-0.01	0.509	0.51
5	BT	BR / EDR	Bottom	0	39	Metal	Ant 0	HTK	75.50	1.32	11.50	11.47	1.01	0.03	0.058	0.08
	BT	BR / EDR	Bottom	0	0	Metal	Ant 0	HTK	75.50	1.32	11.50	11.42	1.02	-0.02	0.069	0.09
	BT	BR / EDR	Bottom	0	78	Metal	Ant 0	HTK	75.50	1.32	11.50	11.38	1.03	0.1	0.049	0.07
	BT	BR / EDR	Bottom	0	0	Metal	Ant 0	Yageo	75.50	1.32	11.50	11.42	1.02	0.01	0.048	0.06
	BT	BR / EDR	Bottom	0	0	Plastic	Ant 0	HTK	75.50	1.32	11.50	11.42	1.02	0.19	0.067	0.09