

Appendix H. SAR Test Result

SAR Results for Head / Body-worn / Body / Extremity 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.
3. Since LTE of this device supports VOIP capability through 3rd party apps software, we have evaluated data mode for head SAR.
4. SAR testing for LTE was performed on the maximum power mode.

Head SAR Test Result

System & Position							DUT & Accessory		SAR							
Plot No.	Band	Mode	Test Position	Channel	RB#	RB offset	Ant Status	Battery	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)
	GSM850	GPRS12	Right Cheek	251			Ant 0	BT3	-	1.00	28.50	28.45	1.01	-0.05	0.166	0.17
	GSM850	GPRS12	Right Tilted	251			Ant 0	BT3	-	1.00	28.50	28.45	1.01	-0.01	0.086	0.09
	GSM850	GPRS12	Left Cheek	251			Ant 0	BT3	-	1.00	28.50	28.45	1.01	-0.15	0.176	0.18
	GSM850	GPRS12	Left Tilted	251			Ant 0	BT3	-	1.00	28.50	28.45	1.01	-0.11	0.119	0.12
1	GSM850	GPRS12	Left Cheek	128			Ant 0	BT3	-	1.00	28.50	28.15	1.08	0.07	0.253	0.27
	GSM850	GPRS12	Left Cheek	189			Ant 0	BT3	-	1.00	28.50	28.41	1.02	0.06	0.239	0.24
	GSM1900	GPRS12	Right Cheek	661			Ant 0	BT3	-	1.00	27.00	26.97	1.01	0.15	0.095	0.10
	GSM1900	GPRS12	Right Tilted	661			Ant 0	BT3	-	1.00	27.00	26.97	1.01	0	<0.001	0.00
	GSM1900	GPRS12	Left Cheek	661			Ant 0	BT3	-	1.00	27.00	26.97	1.01	0.07	0.196	0.20
	GSM1900	GPRS12	Left Tilted	661			Ant 0	BT3	-	1.00	27.00	26.97	1.01	-0.18	0.045	0.05
2	GSM1900	GPRS12	Left Cheek	512			Ant 0	BT3	-	1.00	27.00	26.94	1.01	-0.06	0.23	0.23
	GSM1900	GPRS12	Left Cheek	810			Ant 0	BT3	-	1.00	27.00	26.87	1.03	-0.11	0.181	0.19
	WCDMA II	RMC12.2K	Right Cheek	9262			Ant 0	BT3	-	1.00	24.00	23.67	1.08	-0.04	0.221	0.24
	WCDMA II	RMC12.2K	Right Tilted	9262			Ant 0	BT3	-	1.00	24.00	23.67	1.08	0	<0.001	0.00
3	WCDMA II	RMC12.2K	Left Cheek	9262			Ant 0	BT3	-	1.00	24.00	23.67	1.08	-0.09	0.296	0.32
	WCDMA II	RMC12.2K	Left Tilted	9262			Ant 0	BT3	-	1.00	24.00	23.67	1.08	0.14	0.07	0.08
	WCDMA II	RMC12.2K	Left Cheek	9400			Ant 0	BT3	-	1.00	24.00	23.61	1.09	0.14	0.243	0.27
	WCDMA II	RMC12.2K	Left Cheek	9538			Ant 0	BT3	-	1.00	24.00	23.65	1.08	-0.17	0.268	0.29
	WCDMA V	RMC12.2K	Right Cheek	4182			Ant 0	BT3	-	1.00	24.00	23.87	1.03	-0.02	0.278	0.29
	WCDMA V	RMC12.2K	Right Tilted	4182			Ant 0	BT3	-	1.00	24.00	23.87	1.03	0.14	0.212	0.22
	WCDMA V	RMC12.2K	Left Cheek	4182			Ant 0	BT3	-	1.00	24.00	23.87	1.03	-0.05	0.366	0.38
	WCDMA V	RMC12.2K	Left Tilted	4182			Ant 0	BT3	-	1.00	24.00	23.87	1.03	0.08	0.206	0.21
4	WCDMA V	RMC12.2K	Left Cheek	4132			Ant 0	BT3	-	1.00	24.00	23.82	1.04	0.02	0.392	0.41
	WCDMA V	RMC12.2K	Left Cheek	4233			Ant 0	BT3	-	1.00	24.00	23.85	1.04	0.08	0.334	0.35
	LTE 4	QPSK20M	Right Cheek	20300	1	0	Ant 0	BT3	-	1.00	22.50	22.36	1.03	0.11	0.07	0.07
	LTE 4	QPSK20M	Right Tilted	20300	1	0	Ant 0	BT3	-	1.00	22.50	22.36	1.03	0	<0.001	0.00
	LTE 4	QPSK20M	Left Cheek	20300	1	0	Ant 0	BT3	-	1.00	22.50	22.36	1.03	-0.02	0.088	0.09
	LTE 4	QPSK20M	Left Tilted	20300	1	0	Ant 0	BT3	-	1.00	22.50	22.36	1.03	0	<0.001	0.00
	LTE 4	QPSK20M	Right Cheek	20300	50	0	Ant 0	BT3	-	1.00	21.50	21.33	1.04	0.1	0.051	0.05
	LTE 4	QPSK20M	Right Tilted	20300	50	0	Ant 0	BT3	-	1.00	21.50	21.33	1.04	0	<0.001	0.00
	LTE 4	QPSK20M	Left Cheek	20300	50	0	Ant 0	BT3	-	1.00	21.50	21.33	1.04	0.03	0.064	0.07
	LTE 4	QPSK20M	Left Tilted	20300	50	0	Ant 0	BT3	-	1.00	21.50	21.33	1.04	0	<0.001	0.00
	LTE 4	QPSK20M	Left Cheek	20050	1	0	Ant 0	BT3	-	1.00	22.50	22.25	1.06	-0.15	0.077	0.08
6	LTE 4	QPSK20M	Left Cheek	20175	1	0	Ant 0	BT3	-	1.00	22.50	22.33	1.04	-0.01	0.094	0.10

Head SAR Test Result

System & Position							DUT & Accessory		SAR							
Plot No.	Band	Mode	Test Position	Channel	RB#	RB offset	Ant Status	Battery	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)
	LTE 5	QPSK10M	Right Cheek	20600	1	0	Ant 0	BT3	-	1.00	22.50	22.27	1.05	0.17	0.2	0.21
	LTE 5	QPSK10M	Right Tilted	20600	1	0	Ant 0	BT3	-	1.00	22.50	22.27	1.05	-0.09	0.162	0.17
	LTE 5	QPSK10M	Left Cheek	20600	1	0	Ant 0	BT3	-	1.00	22.50	22.27	1.05	0.11	0.261	0.27
	LTE 5	QPSK10M	Left Tilted	20600	1	0	Ant 0	BT3	-	1.00	22.50	22.27	1.05	0.02	0.166	0.17
	LTE 5	QPSK10M	Right Cheek	20600	25	0	Ant 0	BT3	-	1.00	21.50	21.24	1.06	0.06	0.145	0.15
	LTE 5	QPSK10M	Right Tilted	20600	25	0	Ant 0	BT3	-	1.00	21.50	21.24	1.06	0	<0.001	0.00
	LTE 5	QPSK10M	Left Cheek	20600	25	0	Ant 0	BT3	-	1.00	21.50	21.24	1.06	0.1	0.22	0.23
	LTE 5	QPSK10M	Left Tilted	20600	25	0	Ant 0	BT3	-	1.00	21.50	21.24	1.06	0	<0.001	0.00
	LTE 5	QPSK10M	Left Cheek	20450	1	0	Ant 0	BT3	-	1.00	22.50	22.18	1.08	-0.03	0.277	0.30
7	LTE 5	QPSK10M	Left Cheek	20525	1	0	Ant 0	BT3	-	1.00	22.50	22.26	1.06	-0.02	0.295	0.31
	LTE 7	QPSK20M	Right Cheek	20850	1	0	Ant 0	BT3	-	1.00	23.00	22.91	1.02	0.07	0.215	0.22
	LTE 7	QPSK20M	Right Tilted	20850	1	0	Ant 0	BT3	-	1.00	23.00	22.91	1.02	0.06	0.076	0.08
	LTE 7	QPSK20M	Left Cheek	20850	1	0	Ant 0	BT3	-	1.00	23.00	22.91	1.02	-0.19	0.107	0.11
	LTE 7	QPSK20M	Left Tilted	20850	1	0	Ant 0	BT3	-	1.00	23.00	22.91	1.02	0.19	0.055	0.06
	LTE 7	QPSK20M	Right Cheek	20850	50	0	Ant 0	BT3	-	1.00	22.00	21.83	1.04	0.17	0.198	0.21
	LTE 7	QPSK20M	Right Tilted	20850	50	0	Ant 0	BT3	-	1.00	22.00	21.83	1.04	-0.18	0.063	0.07
	LTE 7	QPSK20M	Left Cheek	20850	50	0	Ant 0	BT3	-	1.00	22.00	21.83	1.04	-0.17	0.063	0.07
	LTE 7	QPSK20M	Left Tilted	20850	50	0	Ant 0	BT3	-	1.00	22.00	21.83	1.04	0	<0.001	0.00
8	LTE 7	QPSK20M	Right Cheek	21100	1	0	Ant 0	BT3	-	1.00	23.00	22.62	1.09	-0.05	0.251	0.27
	LTE 7	QPSK20M	Right Cheek	21350	1	0	Ant 0	BT3	-	1.00	23.00	22.45	1.14	-0.13	0.229	0.26
	LTE 12	QPSK10M	Right Cheek	23130	1	0	Ant 0	BT3	-	1.00	22.00	21.89	1.03	-0.17	0.12	0.12
	LTE 12	QPSK10M	Right Tilted	23130	1	0	Ant 0	BT3	-	1.00	22.00	21.89	1.03	0	<0.001	0.00
	LTE 12	QPSK10M	Left Cheek	23130	1	0	Ant 0	BT3	-	1.00	22.00	21.89	1.03	0.02	0.133	0.14
	LTE 12	QPSK10M	Left Tilted	23130	1	0	Ant 0	BT3	-	1.00	22.00	21.89	1.03	0	<0.001	0.00
	LTE 12	QPSK10M	Right Cheek	23130	25	0	Ant 0	BT3	-	1.00	21.00	20.87	1.03	0.01	0.088	0.09
	LTE 12	QPSK10M	Right Tilted	23130	25	0	Ant 0	BT3	-	1.00	21.00	20.87	1.03	0	<0.001	0.00
	LTE 12	QPSK10M	Left Cheek	23130	25	0	Ant 0	BT3	-	1.00	21.00	20.87	1.03	-0.02	0.101	0.10
	LTE 12	QPSK10M	Left Tilted	23130	25	0	Ant 0	BT3	-	1.00	21.00	20.87	1.03	0	<0.001	0.00
	LTE 12	QPSK10M	Left Cheek	23060	1	0	Ant 0	BT3	-	1.00	22.00	21.53	1.11	0.06	0.115	0.13
9	LTE 12	QPSK10M	Left Cheek	23095	1	0	Ant 0	BT3	-	1.00	22.00	21.75	1.06	0.02	0.137	0.15
	LTE 13	QPSK10M	Right Cheek	23230	1	0	Ant 0	BT3	-	1.00	22.00	22.00	1.00	0.18	0.16	0.16
	LTE 13	QPSK10M	Right Tilted	23230	1	0	Ant 0	BT3	-	1.00	22.00	22.00	1.00	0	<0.001	0.00
10	LTE 13	QPSK10M	Left Cheek	23230	1	0	Ant 0	BT3	-	1.00	22.00	22.00	1.00	0.02	0.20	0.20
	LTE 13	QPSK10M	Left Tilted	23230	1	0	Ant 0	BT3	-	1.00	22.00	22.00	1.00	-0.02	0.115	0.12
	LTE 13	QPSK10M	Right Cheek	23230	25	0	Ant 0	BT3	-	1.00	21.00	20.63	1.09	-0.05	0.131	0.14
	LTE 13	QPSK10M	Right Tilted	23230	25	0	Ant 0	BT3	-	1.00	21.00	20.63	1.09	0	<0.001	0.00
	LTE 13	QPSK10M	Left Cheek	23230	25	0	Ant 0	BT3	-	1.00	21.00	20.63	1.09	0.09	0.176	0.19
	LTE 13	QPSK10M	Left Tilted	23230	25	0	Ant 0	BT3	-	1.00	21.00	20.63	1.09	0	<0.001	0.00

Head SAR Test Result

System & Position							DUT & Accessory		SAR							
Plot No.	Band	Mode	Test Position	Channel	RB#	RB offset	Ant Status	Battery	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)
	LTE 25	QPSK20M	Right Cheek	26140	1	0	Ant 0	BT3	-	1.00	22.50	22.06	1.11	-0.13	0.159	0.18
	LTE 25	QPSK20M	Right Tilted	26140	1	0	Ant 0	BT3	-	1.00	22.50	22.06	1.11	0	<0.001	0.00
11	LTE 25	QPSK20M	Left Cheek	26140	1	0	Ant 0	BT3	-	1.00	22.50	22.06	1.11	-0.04	0.223	0.25
	LTE 25	QPSK20M	Left Tilted	26140	1	0	Ant 0	BT3	-	1.00	22.50	22.06	1.11	-0.02	0.059	0.07
	LTE 25	QPSK20M	Right Cheek	26140	50	0	Ant 0	BT3	-	1.00	21.50	21.10	1.10	-0.07	0.118	0.13
	LTE 25	QPSK20M	Right Tilted	26140	50	0	Ant 0	BT3	-	1.00	21.50	21.10	1.10	0	<0.001	0.00
	LTE 25	QPSK20M	Left Cheek	26140	50	0	Ant 0	BT3	-	1.00	21.50	21.10	1.10	0.06	0.174	0.19
	LTE 25	QPSK20M	Left Tilted	26140	50	0	Ant 0	BT3	-	1.00	21.50	21.10	1.10	0	<0.001	0.00
	LTE 25	QPSK20M	Left Cheek	26365	1	0	Ant 0	BT3	-	1.00	22.50	21.97	1.13	0.04	0.197	0.22
	LTE 25	QPSK20M	Left Cheek	26590	1	0	Ant 0	BT3	-	1.00	22.50	22.05	1.11	-0.01	0.191	0.21
	WLAN2.4G	802.11b	Right Cheek	6			Ant 0	BT3	99.20	1.01	22.50	22.48	1.00	0.08	0.282	0.29
	WLAN2.4G	802.11b	Right Tilted	6			Ant 0	BT3	99.20	1.01	22.50	22.48	1.00	0.17	0.233	0.24
	WLAN2.4G	802.11b	Left Cheek	6			Ant 0	BT3	99.20	1.01	22.50	22.48	1.00	0.06	0.295	0.30
	WLAN2.4G	802.11b	Left Tilted	6			Ant 0	BT3	99.20	1.01	22.50	22.48	1.00	-0.12	0.272	0.28
	WLAN2.4G	802.11b	Right Cheek	6			Ant 1	BT3	99.20	1.01	22.50	22.21	1.07	-0.11	0.508	0.55
	WLAN2.4G	802.11b	Right Tilted	6			Ant 1	BT3	99.20	1.01	22.50	22.21	1.07	-0.11	0.169	0.18
	WLAN2.4G	802.11b	Left Cheek	6			Ant 1	BT3	99.20	1.01	22.50	22.21	1.07	0.03	0.506	0.55
	WLAN2.4G	802.11b	Left Tilted	6			Ant 1	BT3	99.20	1.01	22.50	22.21	1.07	0.17	0.168	0.18
	WLAN2.4G	802.11b	Right Cheek	6			Ant 0+1	BT3	99.20	1.01	25.50	25.36	1.03	0.02	0.502	0.52
	WLAN2.4G	802.11b	Right Tilted	6			Ant 0+1	BT3	99.20	1.01	25.50	25.36	1.03	-0.01	0.259	0.27
12	WLAN2.4G	802.11b	Left Cheek	6			Ant 0+1	BT3	99.20	1.01	25.50	25.36	1.03	-0.16	0.598	0.62
	WLAN2.4G	802.11b	Left Tilted	6			Ant 0+1	BT3	99.20	1.01	25.50	25.36	1.03	-0.11	0.285	0.30
	WLAN2.4G	802.11b	Left Cheek	1			Ant 0+1	BT3	99.20	1.01	25.50	24.95	1.14	0.05	0.504	0.58
	WLAN2.4G	802.11b	Left Cheek	11			Ant 0+1	BT3	99.20	1.01	25.50	24.87	1.16	-0.15	0.456	0.53
	WLAN5.3G	802.11a	Right Cheek	60			Ant 0	BT3	97.62	1.02	19.50	19.17	1.08	-0.06	0.231	0.25
	WLAN5.3G	802.11a	Right Tilted	60			Ant 0	BT3	97.62	1.02	19.50	19.17	1.08	-0.12	0.341	0.38
	WLAN5.3G	802.11a	Left Cheek	60			Ant 0	BT3	97.62	1.02	19.50	19.17	1.08	-0.14	0.365	0.40
	WLAN5.3G	802.11a	Left Tilted	60			Ant 0	BT3	97.62	1.02	19.50	19.17	1.08	0.09	0.372	0.41
	WLAN5.3G	802.11a	Right Cheek	60			Ant 1	BT3	97.62	1.02	19.50	18.88	1.15	0.14	0.111	0.13
	WLAN5.3G	802.11a	Right Tilted	60			Ant 1	BT3	97.62	1.02	19.50	18.88	1.15	-0.07	0.197	0.23
	WLAN5.3G	802.11a	Left Cheek	60			Ant 1	BT3	97.62	1.02	19.50	18.88	1.15	0.01	0.378	0.44
	WLAN5.3G	802.11a	Left Tilted	60			Ant 1	BT3	97.62	1.02	19.50	18.88	1.15	0.14	0.067	0.08
	WLAN5.3G	802.11a	Right Cheek	60			Ant 0+1	BT3	96.44	1.04	22.50	22.04	1.11	-0.11	0.299	0.35
13	WLAN5.3G	802.11a	Right Tilted	60			Ant 0+1	BT3	96.44	1.04	22.50	22.04	1.11	-0.14	0.413	0.48
	WLAN5.3G	802.11a	Left Cheek	60			Ant 0+1	BT3	96.44	1.04	22.50	22.04	1.11	0.17	0.398	0.46
	WLAN5.3G	802.11a	Left Tilted	60			Ant 0+1	BT3	96.44	1.04	22.50	22.04	1.11	0.07	0.361	0.42
	WLAN5.3G	802.11a	Right Tilted	52			Ant 0+1	BT3	96.44	1.04	22.50	21.95	1.14	0.06	0.341	0.40
	WLAN5.3G	802.11a	Right Tilted	56			Ant 0+1	BT3	96.44	1.04	22.50	22.02	1.12	-0.19	0.381	0.44
	WLAN5.3G	802.11a	Right Tilted	64			Ant 0+1	BT3	96.44	1.04	21.50	21.45	1.01	0.04	0.352	0.37

Head SAR Test Result

System & Position							DUT & Accessory		SAR							
Plot No.	Band	Mode	Test Position	Channel	RB#	RB offset	Ant Status	Battery	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 VHT80	Right Cheek	138			Ant 0	BT3	84.13	1.19	19.50	19.05	1.11	0.09	0.438	0.58
	WLAN5.6G	802.11ac VHT80	Right Tilted	138			Ant 0	BT3	84.13	1.19	19.50	19.05	1.11	0.15	0.583	0.77
	WLAN5.6G	802.11ac VHT80	Left Cheek	138			Ant 0	BT3	84.13	1.19	19.50	19.05	1.11	0.1	0.375	0.50
	WLAN5.6G	802.11ac VHT80	Left Tilted	138			Ant 0	BT3	84.13	1.19	19.50	19.05	1.11	-0.06	0.382	0.51
	WLAN5.6G	802.11ac VHT80	Right Cheek	138			Ant 1	BT3	85.60	1.17	19.50	18.83	1.17	0.11	0.154	0.21
	WLAN5.6G	802.11ac VHT80	Right Tilted	138			Ant 1	BT3	85.60	1.17	19.50	18.83	1.17	0.05	0.137	0.19
	WLAN5.6G	802.11ac VHT80	Left Cheek	138			Ant 1	BT3	85.60	1.17	19.50	18.83	1.17	-0.06	0.184	0.25
	WLAN5.6G	802.11ac VHT80	Left Tilted	138			Ant 1	BT3	85.60	1.17	19.50	18.83	1.17	0.16	0.195	0.27
	WLAN5.6G	802.11ac VHT80	Right Cheek	138			Ant 0+1	BT3	84.86	1.18	22.50	21.95	1.14	-0.02	0.467	0.63
15	WLAN5.6G	802.11ac VHT80	Right Tilted	138			Ant 0+1	BT3	84.86	1.18	22.50	21.95	1.14	0.01	0.649	0.87
	WLAN5.6G	802.11ac VHT80	Left Cheek	138			Ant 0+1	BT3	84.86	1.18	22.50	21.95	1.14	-0.02	0.386	0.52
	WLAN5.6G	802.11ac VHT80	Left Tilted	138			Ant 0+1	BT3	84.86	1.18	22.50	21.95	1.14	0.01	0.507	0.68
	WLAN5.6G	802.11ac VHT80	Right Tilted	106			Ant 0+1	BT3	84.86	1.18	19.50	19.04	1.11	0.04	0.294	0.39
	WLAN5.6G	802.11ac VHT80	Right Tilted	122			Ant 0+1	BT3	84.86	1.18	19.50	18.99	1.12	-0.12	0.213	0.28
	WLAN5.8G	802.11ac VHT40	Right Cheek	151			Ant 0	BT3	92.40	1.08	20.50	20.07	1.10	-0.06	0.662	0.79
	WLAN5.8G	802.11ac VHT40	Right Tilted	151			Ant 0	BT3	92.40	1.08	20.50	20.07	1.10	-0.09	0.811	0.96
	WLAN5.8G	802.11ac VHT40	Left Cheek	151			Ant 0	BT3	92.40	1.08	20.50	20.07	1.10	0.15	0.488	0.58
	WLAN5.8G	802.11ac VHT40	Left Tilted	151			Ant 0	BT3	92.40	1.08	20.50	20.07	1.10	-0.17	0.487	0.58
	WLAN5.8G	802.11ac VHT40	Right Cheek	151			Ant 1	BT3	92.10	1.09	20.50	20.02	1.12	-0.12	0.692	0.85
	WLAN5.8G	802.11ac VHT40	Right Tilted	151			Ant 1	BT3	92.10	1.09	20.50	20.02	1.12	-0.15	0.761	0.93
	WLAN5.8G	802.11ac VHT40	Left Cheek	151			Ant 1	BT3	92.10	1.09	20.50	20.02	1.12	-0.03	0.478	0.58
	WLAN5.8G	802.11ac VHT40	Left Tilted	151			Ant 1	BT3	92.10	1.09	20.50	20.02	1.12	-0.12	0.501	0.61
	WLAN5.8G	802.11ac VHT40	Right Cheek	151			Ant 0+1	BT3	92.40	1.08	23.50	23.06	1.11	0.17	0.558	0.67
16	WLAN5.8G	802.11ac VHT40	Right Tilted	151			Ant 0+1	BT3	92.40	1.08	23.50	23.06	1.11	0.03	0.825	0.99
	WLAN5.8G	802.11ac VHT40	Left Cheek	151			Ant 0+1	BT3	92.40	1.08	23.50	23.06	1.11	-0.01	0.542	0.65
	WLAN5.8G	802.11ac VHT40	Left Tilted	151			Ant 0+1	BT3	92.40	1.08	23.50	23.06	1.11	-0.1	0.613	0.74
	WLAN5.8G	802.11ac VHT40	Right Tilted	159			Ant 0	BT3	92.40	1.08	20.50	20.01	1.12	0.08	0.748	0.91
	WLAN5.8G	802.11ac VHT40	Right Cheek	159			Ant 1	BT3	92.10	1.09	20.50	20.01	1.12	-0.07	0.597	0.73
	WLAN5.8G	802.11ac VHT40	Right Tilted	159			Ant 1	BT3	92.10	1.09	20.50	20.01	1.12	0.02	0.683	0.83
	WLAN5.8G	802.11ac VHT40	Right Tilted	159			Ant 0+1	BT3	92.40	1.08	23.50	23.02	1.12	-0.11	0.731	0.88
	WLAN5.8G	802.11ac VHT40	Right Tilted	151			Ant 0+1	BT3	92.40	1.08	23.50	23.06	1.11	-0.16	0.791	0.95
	BT	BDR	Right Cheek	39			Ant 1	BT3	76.92	1.30	11.00	10.84	1.04	0.03	0.018	0.024
	BT	BDR	Right Tilted	39			Ant 1	BT3	76.92	1.30	11.00	10.84	1.04	0.02	0.00662	0.009
17	BT	BDR	Left Cheek	39			Ant 1	BT3	76.92	1.30	11.00	10.84	1.04	-0.04	0.02	0.027
	BT	BDR	Left Tilted	39			Ant 1	BT3	76.92	1.30	11.00	10.84	1.04	0.04	0.00658	0.009
	BT	BDR	Left Cheek	0			Ant 1	BT3	76.92	1.30	11.00	10.49	1.12	0.06	0.017	0.025
	BT	BDR	Left Cheek	78			Ant 1	BT3	76.92	1.30	11.00	10.10	1.23	0.05	0.015	0.024

Body SAR Test Result

System & Position								DUT & Accessory		SAR							
Plot No.	Band	Mode	Test Position	Separation Distance (mm)	Channel	RB#	RB offset	Ant Status	Battery	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)
	GSM850	GPRS12	Front Face	10	251			Ant 0	BT3	-	1.00	28.50	28.45	1.01	-0.08	0.13	0.13
	GSM850	GPRS12	Rear Face	10	251			Ant 0	BT3	-	1.00	28.50	28.45	1.01	-0.1	0.116	0.12
18	GSM850	GPRS12	Front Face	10	128			Ant 0	BT3	-	1.00	28.50	28.15	1.08	-0.03	0.189	0.20
	GSM850	GPRS12	Front Face	10	189			Ant 0	BT3	-	1.00	28.50	28.41	1.02	-0.16	0.121	0.12
	GSM1900	GPRS12	Front Face	10	661			Ant 0	BT3	-	1.00	27.00	26.97	1.01	0.06	0.856	0.87
	GSM1900	GPRS12	Rear Face	10	661			Ant 0	BT3	-	1.00	27.00	26.97	1.01	0.04	0.596	0.60
19	GSM1900	GPRS12	Front Face	10	512			Ant 0	BT3	-	1.00	27.00	26.94	1.01	-0.09	0.904	0.91
	GSM1900	GPRS12	Front Face	10	810			Ant 0	BT3	-	1.00	27.00	26.87	1.03	0.03	0.78	0.80
	GSM1900	GPRS12	Front Face	10	512			Ant 0	BT3	-	1.00	27.00	26.94	1.01	-0.15	0.873	0.87
	WCDMA II	RMC12.2K	Front Face	10	9262			Ant 0	BT3	-	1.00	24.00	23.67	1.08	-0.01	0.969	1.05
	WCDMA II	RMC12.2K	Rear Face	10	9262			Ant 0	BT3	-	1.00	24.00	23.67	1.08	-0.15	0.732	0.79
20	WCDMA II	RMC12.2K	Front Face	10	9400			Ant 0	BT3	-	1.00	24.00	23.61	1.09	-0.14	1.02	1.11
	WCDMA II	RMC12.2K	Front Face	10	9538			Ant 0	BT3	-	1.00	24.00	23.65	1.08	0.15	0.999	1.08
	WCDMA II	RMC12.2K	Front Face	10	9400			Ant 0	BT3	-	1.00	24.00	23.61	1.09	-0.05	0.987	1.06
	WCDMA V	RMC12.2K	Front Face	10	4182			Ant 0	BT3	-	1.00	24.00	23.87	1.03	-0.17	0.298	0.31
	WCDMA V	RMC12.2K	Rear Face	10	4182			Ant 0	BT3	-	1.00	24.00	23.87	1.03	-0.1	0.325	0.34
21	WCDMA V	RMC12.2K	Rear Face	10	4132			Ant 0	BT3	-	1.00	24.00	23.82	1.04	-0.03	0.367	0.38
	WCDMA V	RMC12.2K	Rear Face	10	4233			Ant 0	BT3	-	1.00	24.00	23.85	1.04	0.14	0.302	0.31
	LTE 4	QPSK20M	Front Face	10	20300	1	0	Ant 0	BT3	-	1.00	22.50	22.36	1.03	0.11	0.505	0.52
23	LTE 4	QPSK20M	Rear Face	10	20300	1	0	Ant 0	BT3	-	1.00	22.50	22.36	1.03	0.02	0.659	0.68
	LTE 4	QPSK20M	Front Face	10	20300	50	0	Ant 0	BT3	-	1.00	21.50	21.33	1.04	0.15	0.428	0.45
	LTE 4	QPSK20M	Rear Face	10	20300	50	0	Ant 0	BT3	-	1.00	21.50	21.33	1.04	-0.08	0.525	0.55
	LTE 4	QPSK20M	Rear Face	10	20050	1	0	Ant 0	BT3	-	1.00	22.50	22.25	1.06	0.12	0.515	0.55
	LTE 4	QPSK20M	Rear Face	10	20175	1	0	Ant 0	BT3	-	1.00	22.50	22.33	1.04	-0.09	0.579	0.60
	LTE 5	QPSK10M	Front Face	10	20600	1	0	Ant 0	BT3	-	1.00	22.50	22.27	1.05	0.07	0.256	0.27
24	LTE 5	QPSK10M	Rear Face	10	20600	1	0	Ant 0	BT3	-	1.00	22.50	22.27	1.05	-0.04	0.306	0.32
	LTE 5	QPSK10M	Front Face	10	20600	25	0	Ant 0	BT3	-	1.00	21.50	21.24	1.06	-0.18	0.216	0.23
	LTE 5	QPSK10M	Rear Face	10	20600	25	0	Ant 0	BT3	-	1.00	21.50	21.24	1.06	0.05	0.245	0.26
	LTE 5	QPSK10M	Rear Face	10	20450	1	0	Ant 0	BT3	-	1.00	22.50	22.18	1.08	-0.05	0.286	0.31
	LTE 5	QPSK10M	Rear Face	10	20525	1	0	Ant 0	BT3	-	1.00	22.50	22.26	1.06	0.06	0.284	0.30
	LTE 7	QPSK20M	Front Face	10	20850	1	0	Ant 0	BT3	-	1.00	23.00	22.91	1.02	-0.08	0.296	0.30
	LTE 7	QPSK20M	Rear Face	10	20850	1	0	Ant 0	BT3	-	1.00	23.00	22.91	1.02	0.14	0.285	0.29
	LTE 7	QPSK20M	Front Face	10	20850	50	0	Ant 0	BT3	-	1.00	22.00	21.83	1.04	0.19	0.241	0.25
	LTE 7	QPSK20M	Rear Face	10	20850	50	0	Ant 0	BT3	-	1.00	22.00	21.83	1.04	-0.08	0.227	0.24
	LTE 7	QPSK20M	Front Face	10	21100	1	0	Ant 0	BT3	-	1.00	23.00	22.62	1.09	0.04	0.307	0.34
25	LTE 7	QPSK20M	Front Face	10	21350	1	0	Ant 0	BT3	-	1.00	23.00	22.45	1.14	-0.02	0.309	0.35

Body SAR Test Result

System & Position								DUT & Accessory		SAR							
Plot No.	Band	Mode	Test Position	Separation Distance (mm)	Channel	RB#	RB offset	Ant Status	Battery	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)
	LTE 12	QPSK10M	Front Face	10	23130	1	0	Ant 0	BT3	-	1.00	22.00	21.89	1.03	0.11	0.132	0.14
	LTE 12	QPSK10M	Rear Face	10	23130	1	0	Ant 0	BT3	-	1.00	22.00	21.89	1.03	0.08	0.129	0.13
	LTE 12	QPSK10M	Front Face	10	23130	25	0	Ant 0	BT3	-	1.00	21.00	20.87	1.03	0.06	0.105	0.11
	LTE 12	QPSK10M	Rear Face	10	23130	25	0	Ant 0	BT3	-	1.00	21.00	20.87	1.03	0.07	0.102	0.11
26	LTE 12	QPSK10M	Front Face	10	23060	1	0	Ant 0	BT3	-	1.00	22.00	21.53	1.11	0.06	0.135	0.15
	LTE 12	QPSK10M	Front Face	10	23095	1	0	Ant 0	BT3	-	1.00	22.00	21.75	1.06	-0.1	0.129	0.14
	LTE 13	QPSK10M	Front Face	10	23230	1	0	Ant 0	BT3	-	1.00	22.00	22.00	1.00	0.03	0.187	0.19
27	LTE 13	QPSK10M	Rear Face	10	23230	1	0	Ant 0	BT3	-	1.00	22.00	22.00	1.00	-0.03	0.207	0.21
	LTE 13	QPSK10M	Front Face	10	23230	25	0	Ant 0	BT3	-	1.00	21.00	20.63	1.09	0.14	0.151	0.17
	LTE 13	QPSK10M	Rear Face	10	23230	25	0	Ant 0	BT3	-	1.00	21.00	20.63	1.09	0.18	0.184	0.20
	LTE 25	QPSK20M	Front Face	10	26140	1	0	Ant 0	BT3	-	1.00	22.50	22.06	1.11	-0.11	0.597	0.66
	LTE 25	QPSK20M	Rear Face	10	26140	1	0	Ant 0	BT3	-	1.00	22.50	22.06	1.11	-0.11	0.472	0.52
	LTE 25	QPSK20M	Front Face	10	26140	50	0	Ant 0	BT3	-	1.00	21.50	21.10	1.10	0.06	0.459	0.51
	LTE 25	QPSK20M	Rear Face	10	26140	50	0	Ant 0	BT3	-	1.00	21.50	21.10	1.10	-0.09	0.369	0.41
28	LTE 25	QPSK20M	Front Face	10	26365	1	0	Ant 0	BT3	-	1.00	22.50	21.97	1.13	-0.02	0.634	0.72
	LTE 25	QPSK20M	Front Face	10	26590	1	0	Ant 0	BT3	-	1.00	22.50	22.05	1.11	-0.11	0.584	0.65
	WLAN2.4G	802.11b	Front Face	10	6			Ant 0	BT3	99.20	1.01	22.50	22.48	1.00	-0.15	0.115	0.12
	WLAN2.4G	802.11b	Rear Face	10	6			Ant 0	BT3	99.20	1.01	22.50	22.48	1.00	-0.05	0.089	0.09
	WLAN2.4G	802.11b	Front Face	10	6			Ant 1	BT3	99.20	1.01	22.50	22.21	1.07	-0.12	0.13	0.14
29	WLAN2.4G	802.11b	Rear Face	10	6			Ant 1	BT3	99.20	1.01	22.50	22.21	1.07	-0.08	0.191	0.21
	WLAN2.4G	802.11b	Front Face	10	6			Ant 0+1	BT3	99.20	1.01	25.50	25.36	1.03	0.17	0.169	0.18
	WLAN2.4G	802.11b	Rear Face	10	6			Ant 0+1	BT3	99.20	1.01	25.50	25.36	1.03	-0.09	0.168	0.18
	WLAN2.4G	802.11b	Rear Face	10	1			Ant 1	BT3	99.20	1.01	22.50	22.07	1.10	-0.01	0.142	0.16
	WLAN2.4G	802.11b	Rear Face	10	11			Ant 1	BT3	99.20	1.01	22.50	22.06	1.11	0.07	0.135	0.15
	WLAN5.3G	802.11a	Front Face	10	60			Ant 0	BT3	97.62	1.02	19.50	19.17	1.08	0.09	0.108	0.12
	WLAN5.3G	802.11a	Rear Face	10	60			Ant 0	BT3	97.62	1.02	19.50	19.17	1.08	-0.17	0.316	0.35
	WLAN5.3G	802.11a	Front Face	10	60			Ant 1	BT3	97.62	1.02	19.50	18.88	1.15	0.11	0.123	0.14
30	WLAN5.3G	802.11a	Rear Face	10	60			Ant 1	BT3	97.62	1.02	19.50	18.88	1.15	-0.01	0.383	0.45
	WLAN5.3G	802.11a	Front Face	10	60			Ant 0+1	BT3	96.44	1.04	22.50	22.04	1.11	-0.07	0.115	0.13
	WLAN5.3G	802.11a	Rear Face	10	60			Ant 0+1	BT3	96.44	1.04	22.50	22.04	1.11	-0.14	0.374	0.43
	WLAN5.3G	802.11a	Rear Face	10	52			Ant 1	BT3	97.62	1.02	19.50	18.84	1.16	-0.16	0.344	0.41
	WLAN5.3G	802.11a	Rear Face	10	56			Ant 1	BT3	97.62	1.02	19.50	18.85	1.16	-0.13	0.327	0.39
	WLAN5.3G	802.11a	Rear Face	10	64			Ant 1	BT3	97.62	1.02	18.50	18.38	1.03	0.04	0.369	0.39
	WLAN5.6G	802.11ac VHT80	Front Face	10	138			Ant 0	BT3	84.13	1.19	19.50	19.05	1.11	0.09	0.101	0.13
	WLAN5.6G	802.11ac VHT80	Rear Face	10	138			Ant 0	BT3	84.13	1.19	19.50	19.05	1.11	0.16	0.149	0.20
	WLAN5.6G	802.11ac VHT80	Front Face	10	138			Ant 1	BT3	85.60	1.17	19.50	18.83	1.17	-0.02	0.082	0.11
	WLAN5.6G	802.11ac VHT80	Rear Face	10	138			Ant 1	BT3	85.60	1.17	19.50	18.83	1.17	0.01	0.186	0.26
	WLAN5.6G	802.11ac VHT80	Front Face	10	138			Ant 0+1	BT3	84.86	1.18	22.50	21.95	1.14	0.12	0.111	0.15
32	WLAN5.6G	802.11ac VHT80	Rear Face	10	138			Ant 0+1	BT3	84.86	1.18	22.50	21.95	1.14	-0.07	0.216	0.29
	WLAN5.6G	802.11ac VHT80	Rear Face	10	106			Ant 0+1	BT3	84.86	1.18	19.50	19.04	1.11	-0.09	0.109	0.14
	WLAN5.6G	802.11ac VHT80	Rear Face	10	122			Ant 0+1	BT3	84.86	1.18	19.50	18.99	1.12	0.11	0.111	0.15

Body SAR Test Result

System & Position								DUT & Accessory		SAR							
Plot No.	Band	Mode	Test Position	Separation Distance (mm)	Channel	RB#	RB offset	Ant Status	Battery	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)
	WLAN5.8G	802.11ac VHT40	Front Face	10	151			Ant 0	BT3	92.40	1.08	20.50	20.07	1.10	0.11	0.158	0.19
	WLAN5.8G	802.11ac VHT40	Rear Face	10	151			Ant 0	BT3	92.40	1.08	20.50	20.07	1.10	0.13	0.195	0.23
	WLAN5.8G	802.11ac VHT40	Front Face	10	151			Ant 1	BT3	92.10	1.09	20.50	20.02	1.12	-0.16	0.092	0.11
	WLAN5.8G	802.11ac VHT40	Rear Face	10	151			Ant 1	BT3	92.10	1.09	20.50	20.02	1.12	0.06	0.226	0.28
	WLAN5.8G	802.11ac VHT40	Front Face	10	151			Ant 0+1	BT3	92.40	1.08	23.50	23.06	1.11	0.02	0.124	0.15
33	WLAN5.8G	802.11ac VHT40	Rear Face	10	151			Ant 0+1	BT3	92.40	1.08	23.50	23.06	1.11	0.05	0.231	0.28
	WLAN5.8G	802.11ac VHT40	Rear Face	10	159			Ant 0+1	BT3	92.40	1.08	23.50	23.02	1.12	-0.03	0.198	0.24
	BT	BDR	Front Face	10	39			Ant 1	BT3	76.92	1.30	11.00	10.84	1.04	0	<0.001	0.00
	BT	BDR	Rear Face	10	39			Ant 1	BT3	76.92	1.30	11.00	10.84	1.04	0	<0.001	0.00
	BT	BDR	Rear Face	10	0			Ant 1	BT3	76.92	1.30	11.00	10.49	1.12	0	<0.001	0.00
	BT	BDR	Rear Face	10	78			Ant 1	BT3	76.92	1.30	11.00	10.10	1.23	0	<0.001	0.00

Hotspot SAR Test Result

System & Position								DUT & Accessory		SAR							
Plot No.	Band	Mode	Test Position	Separation Distance (mm)	Channel	RB#	RB offset	Ant Status	Battery	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)
	GSM850	GPRS12	Front Face	10	251			Ant 0	BT3	-	1.00	28.50	28.45	1.01	-0.08	0.13	0.13
	GSM850	GPRS12	Rear Face	10	251			Ant 0	BT3	-	1.00	28.50	28.45	1.01	-0.1	0.116	0.12
	GSM850	GPRS12	Left Side	10	251			Ant 0	BT3	-	1.00	28.50	28.45	1.01	-0.15	0.118	0.12
	GSM850	GPRS12	Right Side	10	251			Ant 0	BT3	-	1.00	28.50	28.45	1.01	0.09	0.105	0.11
	GSM850	GPRS12	Bottom Side	10	251			Ant 0	BT3	-	1.00	28.50	28.45	1.01	0.05	0.144	0.15
34	GSM850	GPRS12	Front Face	10	128			Ant 0	BT3	-	1.00	28.50	28.15	1.08	-0.03	0.189	0.20
	GSM850	GPRS12	Front Face	10	189			Ant 0	BT3	-	1.00	28.50	28.41	1.02	-0.16	0.121	0.12
	GSM1900	GPRS12	Front Face	10	661			Ant 0	BT3	-	1.00	27.00	26.97	1.01	0.06	0.856	0.87
	GSM1900	GPRS12	Rear Face	10	661			Ant 0	BT3	-	1.00	27.00	26.97	1.01	0.04	0.596	0.60
	GSM1900	GPRS12	Left Side	10	661			Ant 0	BT3	-	1.00	27.00	26.97	1.01	-0.02	0.108	0.11
	GSM1900	GPRS12	Right Side	10	661			Ant 0	BT3	-	1.00	27.00	26.97	1.01	0.02	0.417	0.42
	GSM1900	GPRS12	Bottom Side	10	661			Ant 0	BT3	-	1.00	27.00	26.97	1.01	0.03	0.71	0.72
35	GSM1900	GPRS12	Front Face	10	512			Ant 0	BT3	-	1.00	27.00	26.94	1.01	-0.09	0.904	0.91
	GSM1900	GPRS12	Front Face	10	810			Ant 0	BT3	-	1.00	27.00	26.87	1.03	0.03	0.78	0.80
	GSM1900	GPRS12	Front Face	10	512			Ant 0	BT3	-	1.00	27.00	26.94	1.01	-0.15	0.873	0.87
	WCDMA II	RMC12.2K	Front Face	10	9262			Ant 0	BT3	-	1.00	24.00	23.67	1.08	-0.01	0.969	1.05
	WCDMA II	RMC12.2K	Rear Face	10	9262			Ant 0	BT3	-	1.00	24.00	23.67	1.08	-0.15	0.732	0.79
	WCDMA II	RMC12.2K	Left Side	10	9262			Ant 0	BT3	-	1.00	24.00	23.67	1.08	0.06	0.087	0.09
	WCDMA II	RMC12.2K	Right Side	10	9262			Ant 0	BT3	-	1.00	24.00	23.67	1.08	0.03	0.346	0.37
	WCDMA II	RMC12.2K	Bottom Side	10	9262			Ant 0	BT3	-	1.00	24.00	23.67	1.08	-0.1	0.732	0.79
36	WCDMA II	RMC12.2K	Front Face	10	9400			Ant 0	BT3	-	1.00	24.00	23.61	1.09	-0.14	1.02	1.11
	WCDMA II	RMC12.2K	Front Face	10	9538			Ant 0	BT3	-	1.00	24.00	23.65	1.08	0.15	0.999	1.08
	WCDMA II	RMC12.2K	Front Face	10	9400			Ant 0	BT3	-	1.00	24.00	23.61	1.09	-0.05	0.987	1.06
	WCDMA V	RMC12.2K	Front Face	10	4182			Ant 0	BT3	-	1.00	24.00	23.87	1.03	-0.17	0.298	0.31
	WCDMA V	RMC12.2K	Rear Face	10	4182			Ant 0	BT3	-	1.00	24.00	23.87	1.03	-0.1	0.325	0.34
	WCDMA V	RMC12.2K	Left Side	10	4182			Ant 0	BT3	-	1.00	24.00	23.87	1.03	0.19	0.278	0.29
	WCDMA V	RMC12.2K	Right Side	10	4182			Ant 0	BT3	-	1.00	24.00	23.87	1.03	-0.12	0.311	0.32
	WCDMA V	RMC12.2K	Bottom Side	10	4182			Ant 0	BT3	-	1.00	24.00	23.87	1.03	0.02	0.305	0.31
37	WCDMA V	RMC12.2K	Rear Face	10	4132			Ant 0	BT3	-	1.00	24.00	23.82	1.04	-0.03	0.367	0.38
	WCDMA V	RMC12.2K	Rear Face	10	4233			Ant 0	BT3	-	1.00	24.00	23.85	1.04	0.14	0.302	0.31
																-	-
	LTE 4	QPSK20M	Front Face	10	20300	1	0	Ant 0	BT3	-	1.00	22.50	22.36	1.03	0.11	0.505	0.52
39	LTE 4	QPSK20M	Rear Face	10	20300	1	0	Ant 0	BT3	-	1.00	22.50	22.36	1.03	0.02	0.659	0.68
	LTE 4	QPSK20M	Left Side	10	20300	1	0	Ant 0	BT3	-	1.00	22.50	22.36	1.03	0.15	0.059	0.06
	LTE 4	QPSK20M	Right Side	10	20300	1	0	Ant 0	BT3	-	1.00	22.50	22.36	1.03	0.16	0.296	0.31
	LTE 4	QPSK20M	Bottom Side	10	20300	1	0	Ant 0	BT3	-	1.00	22.50	22.36	1.03	0.09	0.471	0.49
	LTE 4	QPSK20M	Front Face	10	20300	50	0	Ant 0	BT3	-	1.00	21.50	21.33	1.04	0.15	0.428	0.45
	LTE 4	QPSK20M	Rear Face	10	20300	50	0	Ant 0	BT3	-	1.00	21.50	21.33	1.04	-0.08	0.525	0.55
	LTE 4	QPSK20M	Left Side	10	20300	50	0	Ant 0	BT3	-	1.00	21.50	21.33	1.04	0.06	0.051	0.05
	LTE 4	QPSK20M	Right Side	10	20300	50	0	Ant 0	BT3	-	1.00	21.50	21.33	1.04	0.03	0.247	0.26
	LTE 4	QPSK20M	Bottom Side	10	20300	50	0	Ant 0	BT3	-	1.00	21.50	21.33	1.04	-0.04	0.418	0.44
	LTE 4	QPSK20M	Rear Face	10	20050	1	0	Ant 0	BT3	-	1.00	22.50	22.25	1.06	0.12	0.515	0.55
	LTE 4	QPSK20M	Rear Face	10	20175	1	0	Ant 0	BT3	-	1.00	22.50	22.33	1.04	-0.09	0.579	0.60

Hotspot SAR Test Result

System & Position								DUT & Accessory		SAR								
Plot No.	Band	Mode	Test Position	Separation Distance (mm)	Channel	RB#	RB offset	Ant Status	Battery	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)	
40	LTE 5	QPSK10M	Front Face	10	20600	1	0	Ant 0	BT3	-	1.00	22.50	22.27	1.05	0.07	0.256	0.27	
	LTE 5	QPSK10M	Rear Face	10	20600	1	0	Ant 0	BT3	-	1.00	22.50	22.27	1.05	-0.04	0.306	0.32	
	LTE 5	QPSK10M	Left Side	10	20600	1	0	Ant 0	BT3	-	1.00	22.50	22.27	1.05	-0.05	0.292	0.31	
	LTE 5	QPSK10M	Right Side	10	20600	1	0	Ant 0	BT3	-	1.00	22.50	22.27	1.05	-0.07	0.237	0.25	
	LTE 5	QPSK10M	Bottom Side	10	20600	1	0	Ant 0	BT3	-	1.00	22.50	22.27	1.05	0.05	0.26	0.27	
	LTE 5	QPSK10M	Front Face	10	20600	25	0	Ant 0	BT3	-	1.00	21.50	21.24	1.06	-0.16	0.216	0.23	
	LTE 5	QPSK10M	Rear Face	10	20600	25	0	Ant 0	BT3	-	1.00	21.50	21.24	1.06	0.08	0.245	0.26	
	LTE 5	QPSK10M	Left Side	10	20600	25	0	Ant 0	BT3	-	1.00	21.50	21.24	1.06	0.14	0.207	0.22	
	LTE 5	QPSK10M	Right Side	10	20600	25	0	Ant 0	BT3	-	1.00	21.50	21.24	1.06	0.09	0.183	0.19	
	LTE 5	QPSK10M	Bottom Side	10	20600	25	0	Ant 0	BT3	-	1.00	21.50	21.24	1.06	-0.11	0.211	0.22	
	LTE 5	QPSK10M	Rear Face	10	20450	1	0	Ant 0	BT3	-	1.00	22.50	22.18	1.08	-0.05	0.286	0.31	
	LTE 5	QPSK10M	Rear Face	10	20525	1	0	Ant 0	BT3	-	1.00	22.50	22.26	1.06	0.06	0.284	0.30	
	LTE 7	QPSK20M	Front Face	10	20850	1	0	Ant 0	BT3	-	1.00	23.00	22.91	1.02	-0.08	0.296	0.30	
	LTE 7	QPSK20M	Rear Face	10	20850	1	0	Ant 0	BT3	-	1.00	23.00	22.91	1.02	0.14	0.285	0.29	
	LTE 7	QPSK20M	Left Side	10	20850	1	0	Ant 0	BT3	-	1.00	23.00	22.91	1.02	-0.1	0.023	0.02	
	LTE 7	QPSK20M	Right Side	10	20850	1	0	Ant 0	BT3	-	1.00	23.00	22.91	1.02	-0.09	0.225	0.23	
	LTE 7	QPSK20M	Bottom Side	10	20850	1	0	Ant 0	BT3	-	1.00	23.00	22.91	1.02	0.08	0.274	0.28	
	LTE 7	QPSK20M	Front Face	10	20850	50	0	Ant 0	BT3	-	1.00	22.00	21.83	1.04	0.19	0.241	0.25	
	LTE 7	QPSK20M	Rear Face	10	20850	50	0	Ant 0	BT3	-	1.00	22.00	21.83	1.04	-0.08	0.227	0.24	
	LTE 7	QPSK20M	Left Side	10	20850	50	0	Ant 0	BT3	-	1.00	22.00	21.83	1.04	0.01	0.018	0.02	
	LTE 7	QPSK20M	Right Side	10	20850	50	0	Ant 0	BT3	-	1.00	22.00	21.83	1.04	0.15	0.183	0.19	
	LTE 7	QPSK20M	Bottom Side	10	20850	50	0	Ant 0	BT3	-	1.00	22.00	21.83	1.04	-0.13	0.229	0.24	
	LTE 7	QPSK20M	Front Face	10	21100	1	0	Ant 0	BT3	-	1.00	23.00	22.62	1.09	0.04	0.307	0.34	
	41	LTE 7	QPSK20M	Front Face	10	21350	1	0	Ant 0	BT3	-	1.00	23.00	22.45	1.14	-0.02	0.309	0.35
	LTE 12	QPSK10M	Front Face	10	23130	1	0	Ant 0	BT3	-	1.00	22.00	21.89	1.03	0.11	0.132	0.14	
	LTE 12	QPSK10M	Rear Face	10	23130	1	0	Ant 0	BT3	-	1.00	22.00	21.89	1.03	0.08	0.129	0.13	
	LTE 12	QPSK10M	Left Side	10	23130	1	0	Ant 0	BT3	-	1.00	22.00	21.89	1.03	0.07	0.12	0.12	
	LTE 12	QPSK10M	Right Side	10	23130	1	0	Ant 0	BT3	-	1.00	22.00	21.89	1.03	0.12	0.128	0.13	
	LTE 12	QPSK10M	Bottom Side	10	23130	1	0	Ant 0	BT3	-	1.00	22.00	21.89	1.03	0.04	0.11	0.11	
	LTE 12	QPSK10M	Front Face	10	23130	25	0	Ant 0	BT3	-	1.00	21.00	20.87	1.03	0.06	0.105	0.11	
	LTE 12	QPSK10M	Rear Face	10	23130	25	0	Ant 0	BT3	-	1.00	21.00	20.87	1.03	0.07	0.102	0.11	
	LTE 12	QPSK10M	Left Side	10	23130	25	0	Ant 0	BT3	-	1.00	21.00	20.87	1.03	-0.05	0.099	0.10	
	LTE 12	QPSK10M	Right Side	10	23130	25	0	Ant 0	BT3	-	1.00	21.00	20.87	1.03	0.09	0.098	0.10	
	LTE 12	QPSK10M	Bottom Side	10	23130	25	0	Ant 0	BT3	-	1.00	21.00	20.87	1.03	-0.09	0.091	0.09	
	42	LTE 12	QPSK10M	Front Face	10	23060	1	0	Ant 0	BT3	-	1.00	22.00	21.53	1.11	0.06	0.135	0.15
	LTE 12	QPSK10M	Front Face	10	23095	1	0	Ant 0	BT3	-	1.00	22.00	21.75	1.06	-0.1	0.129	0.14	
43	LTE 13	QPSK10M	Front Face	10	23230	1	0	Ant 0	BT3	-	1.00	22.00	22.00	1.00	0.03	0.187	0.19	
	LTE 13	QPSK10M	Rear Face	10	23230	1	0	Ant 0	BT3	-	1.00	22.00	22.00	1.00	-0.03	0.207	0.21	
	LTE 13	QPSK10M	Left Side	10	23230	1	0	Ant 0	BT3	-	1.00	22.00	22.00	1.00	-0.18	0.193	0.19	
	LTE 13	QPSK10M	Right Side	10	23230	1	0	Ant 0	BT3	-	1.00	22.00	22.00	1.00	0.17	0.205	0.21	
	LTE 13	QPSK10M	Bottom Side	10	23230	1	0	Ant 0	BT3	-	1.00	22.00	22.00	1.00	-0.11	0.181	0.18	
	LTE 13	QPSK10M	Front Face	10	23230	25	0	Ant 0	BT3	-	1.00	21.00	20.63	1.09	0.14	0.151	0.17	
	LTE 13	QPSK10M	Rear Face	10	23230	25	0	Ant 0	BT3	-	1.00	21.00	20.63	1.09	0.18	0.184	0.20	

Hotspot SAR Test Result

System & Position								DUT & Accessory		SAR							
Plot No.	Band	Mode	Test Position	Separation Distance (mm)	Channel	RB#	RB offset	Ant Status	Battery	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)
	LTE 13	QPSK10M	Left Side	10	23230	25	0	Ant 0	BT3	-	1.00	21.00	20.63	1.09	0.16	0.181	0.20
	LTE 13	QPSK10M	Right Side	10	23230	25	0	Ant 0	BT3	-	1.00	21.00	20.63	1.09	0.02	0.171	0.19
	LTE 13	QPSK10M	Bottom Side	10	23230	25	0	Ant 0	BT3	-	1.00	21.00	20.63	1.09	-0.08	0.15	0.16
	LTE 25	QPSK20M	Front Face	10	26140	1	0	Ant 0	BT3	-	1.00	22.50	22.06	1.11	-0.11	0.597	0.66
	LTE 25	QPSK20M	Rear Face	10	26140	1	0	Ant 0	BT3	-	1.00	22.50	22.06	1.11	-0.11	0.472	0.52
	LTE 25	QPSK20M	Left Side	10	26140	1	0	Ant 0	BT3	-	1.00	22.50	22.06	1.11	0.02	0.081	0.09
	LTE 25	QPSK20M	Right Side	10	26140	1	0	Ant 0	BT3	-	1.00	22.50	22.06	1.11	0.05	0.281	0.31
	LTE 25	QPSK20M	Bottom Side	10	26140	1	0	Ant 0	BT3	-	1.00	22.50	22.06	1.11	0.14	0.554	0.62
	LTE 25	QPSK20M	Front Face	10	26140	50	0	Ant 0	BT3	-	1.00	21.50	21.10	1.10	0.06	0.459	0.51
	LTE 25	QPSK20M	Rear Face	10	26140	50	0	Ant 0	BT3	-	1.00	21.50	21.10	1.10	-0.09	0.369	0.41
	LTE 25	QPSK20M	Left Side	10	26140	50	0	Ant 0	BT3	-	1.00	21.50	21.10	1.10	0.06	0.066	0.07
	LTE 25	QPSK20M	Right Side	10	26140	50	0	Ant 0	BT3	-	1.00	21.50	21.10	1.10	0.08	0.224	0.25
	LTE 25	QPSK20M	Bottom Side	10	26140	50	0	Ant 0	BT3	-	1.00	21.50	21.10	1.10	-0.12	0.522	0.57
44	LTE 25	QPSK20M	Front Face	10	26365	1	0	Ant 0	BT3	-	1.00	22.50	21.97	1.13	-0.02	0.634	0.72
	LTE 25	QPSK20M	Front Face	10	26590	1	0	Ant 0	BT3	-	1.00	22.50	22.05	1.11	-0.11	0.584	0.65
	WLAN2.4G	802.11b	Front Face	10	6			Ant 0	BT3	99.20	1.01	22.50	22.48	1.00	-0.15	0.115	0.12
	WLAN2.4G	802.11b	Rear Face	10	6			Ant 0	BT3	99.20	1.01	22.50	22.48	1.00	-0.05	0.089	0.09
	WLAN2.4G	802.11b	Right Side	10	6			Ant 0	BT3	99.20	1.01	22.50	22.48	1.00	0.1	0.577	0.58
	WLAN2.4G	802.11b	Front Face	10	6			Ant 1	BT3	99.20	1.01	22.50	22.21	1.07	-0.12	0.13	0.14
	WLAN2.4G	802.11b	Rear Face	10	6			Ant 1	BT3	99.20	1.01	22.50	22.21	1.07	-0.08	0.191	0.21
	WLAN2.4G	802.11b	Left Side	10	6			Ant 1	BT3	99.20	1.01	22.50	22.21	1.07	-0.13	0.595	0.64
	WLAN2.4G	802.11b	Front Face	10	6			Ant 0+1	BT3	99.20	1.01	25.50	25.36	1.03	0.17	0.169	0.18
	WLAN2.4G	802.11b	Rear Face	10	6			Ant 0+1	BT3	99.20	1.01	25.50	25.36	1.03	-0.09	0.168	0.18
45	WLAN2.4G	802.11b	Left Side	10	6			Ant 0+1	BT3	99.20	1.01	25.50	25.36	1.03	-0.06	0.627	0.65
	WLAN2.4G	802.11b	Right Side	10	6			Ant 0+1	BT3	99.20	1.01	25.50	25.36	1.03	-0.17	0.532	0.55
	WLAN2.4G	802.11b	Left Side	10	11			Ant 0+1	BT3	99.20	1.01	25.50	24.95	1.14	0.15	0.53	0.61
	WLAN2.4G	802.11b	Left Side	10	11			Ant 0+1	BT3	99.20	1.01	25.50	24.87	1.16	0.06	0.553	0.65
	WLAN5.2G	802.11a	Front Face	10	40			Ant 0	BT3	97.62	1.02	19.50	19.20	1.07	-0.02	0.078	0.09
	WLAN5.2G	802.11a	Rear Face	10	40			Ant 0	BT3	97.62	1.02	19.50	19.20	1.07	-0.12	0.301	0.33
46	WLAN5.2G	802.11a	Right Side	10	40			Ant 0	BT3	97.62	1.02	19.50	19.20	1.07	-0.04	0.963	1.05
	WLAN5.2G	802.11a	Front Face	10	36			Ant 1	BT3	97.62	1.02	19.50	18.94	1.14	0.07	0.088	0.10
	WLAN5.2G	802.11a	Rear Face	10	36			Ant 1	BT3	97.62	1.02	19.50	18.94	1.14	0.12	0.359	0.42
	WLAN5.2G	802.11a	Left Side	10	36			Ant 1	BT3	97.62	1.02	19.50	18.94	1.14	-0.13	0.425	0.49
	WLAN5.2G	802.11a	Front Face	10	40			Ant 0+1	BT3	96.44	1.04	22.50	22.06	1.11	-0.09	0.139	0.16
	WLAN5.2G	802.11a	Rear Face	10	40			Ant 0+1	BT3	96.44	1.04	22.50	22.06	1.11	-0.11	0.329	0.38
	WLAN5.2G	802.11a	Left Side	10	40			Ant 0+1	BT3	96.44	1.04	22.50	22.06	1.11	0.15	0.431	0.50
	WLAN5.2G	802.11a	Right Side	10	40			Ant 0+1	BT3	96.44	1.04	22.50	22.06	1.11	-0.16	0.891	1.03
	WLAN5.2G	802.11a	Right Side	10	36			Ant 0	BT3	97.62	1.02	19.50	19.05	1.11	-0.08	0.821	0.93
	WLAN5.2G	802.11a	Right Side	10	44			Ant 0	BT3	97.62	1.02	19.50	19.10	1.10	0.05	0.805	0.90
	WLAN5.2G	802.11a	Right Side	10	48			Ant 0	BT3	97.62	1.02	18.50	18.06	1.11	-0.15	0.764	0.87
	WLAN5.2G	802.11a	Right Side	10	36			Ant 0+1	BT3	96.44	1.04	22.50	22.01	1.12	0.19	0.892	1.04
	WLAN5.2G	802.11a	Right Side	10	44			Ant 0+1	BT3	96.44	1.04	22.50	22.02	1.12	-0.03	0.885	1.03
	WLAN5.2G	802.11a	Right Side	10	48			Ant 0+1	BT3	96.44	1.04	21.50	20.80	1.17	0	0.848	1.03
	WLAN5.2G	802.11a	Right Side	10	40			Ant 0	BT3	97.62	1.02	19.50	19.20	1.07	0.1	0.926	1.01

Hotspot SAR Test Result

System & Position								DUT & Accessory		SAR							
Plot No.	Band	Mode	Test Position	Separation Distance (mm)	Channel	RB#	RB offset	Ant Status	Battery	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)
	WLAN5.8G	802.11ac VHT40	Front Face	10	151			Ant 0	BT3	92.40	1.08	20.50	20.07	1.10	0.11	0.239	0.28
	WLAN5.8G	802.11ac VHT40	Rear Face	10	151			Ant 0	BT3	92.40	1.08	20.50	20.07	1.10	-0.09	0.295	0.35
	WLAN5.8G	802.11ac VHT40	Right Side	10	151			Ant 0	BT3	92.40	1.08	20.50	20.07	1.10	0.12	0.879	1.04
	WLAN5.8G	802.11ac VHT40	Front Face	10	151			Ant 1	BT3	92.10	1.09	20.50	20.02	1.12	0.03	0.141	0.17
	WLAN5.8G	802.11ac VHT40	Rear Face	10	151			Ant 1	BT3	92.10	1.09	20.50	20.02	1.12	-0.05	0.342	0.42
	WLAN5.8G	802.11ac VHT40	Left Side	10	151			Ant 1	BT3	92.10	1.09	20.50	20.02	1.12	0.11	0.555	0.68
	WLAN5.8G	802.11ac VHT40	Front Face	10	151			Ant 0+1	BT3	92.40	1.08	23.50	23.06	1.11	0.06	0.187	0.22
	WLAN5.8G	802.11ac VHT40	Rear Face	10	151			Ant 0+1	BT3	92.40	1.08	23.50	23.06	1.11	-0.09	0.349	0.42
	WLAN5.8G	802.11ac VHT40	Left Side	10	151			Ant 0+1	BT3	92.40	1.08	23.50	23.06	1.11	0.03	0.672	0.81
48	WLAN5.8G	802.11ac VHT40	Right Side	10	151			Ant 0+1	BT3	92.40	1.08	23.50	23.06	1.11	0.08	0.905	1.09
	WLAN5.8G	802.11ac VHT40	Right Side	10	159			Ant 0	BT3	92.40	1.08	20.50	20.01	1.12	-0.05	0.816	0.99
	WLAN5.8G	802.11ac VHT40	Right Side	10	159			Ant 0+1	BT3	92.40	1.08	23.50	23.02	1.12	0.11	0.863	1.04
	WLAN5.8G	802.11ac VHT40	Right Side	10	151			Ant 0+1	BT3	92.40	1.08	23.50	23.06	1.11	-0.04	0.857	1.03
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	BT	BDR	Front Face	10	39			Ant 1	BT3	76.92	1.30	11.00	10.84	1.04	0	<0.001	0.00
	BT	BDR	Rear Face	10	39			Ant 1	BT3	76.92	1.30	11.00	10.84	1.04	0	<0.001	0.00
49	BT	BDR	Left Side	10	39			Ant 1	BT3	76.92	1.30	11.00	10.84	1.04	-0.11	0.02	0.03
	BT	BDR	Left Side	10	0			Ant 1	BT3	76.92	1.30	11.00	10.49	1.12	0.13	0.017	0.03
	BT	BDR	Left Side	10	78			Ant 1	BT3	76.92	1.30	11.00	10.10	1.23	0.06	0.014	0.02
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Extremity SAR Test Result

System & Position						DUT & Accessory		SAR							
Plot No.	Band	Mode	Test Position	Separation Distance (mm)	Channel	Ant Status	Battery	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)
	WLAN5.3G	802.11a	Front Face	0	60	Ant 0	BT3	97.62	1.02	19.50	19.17	1.08	0.03	0.165	0.18
	WLAN5.3G	802.11a	Rear Face	0	60	Ant 0	BT3	97.62	1.02	19.50	19.17	1.08	-0.13	0.391	0.43
	WLAN5.3G	802.11a	Right Side	0	60	Ant 0	BT3	97.62	1.02	19.50	19.17	1.08	-0.09	1.24	1.37
	WLAN5.3G	802.11a	Front Face	0	60	Ant 1	BT3	97.62	1.02	19.50	18.88	1.15	0.06	0.163	0.19
	WLAN5.3G	802.11a	Rear Face	0	60	Ant 1	BT3	97.62	1.02	19.50	18.88	1.15	-0.15	0.558	0.65
	WLAN5.3G	802.11a	Left Side	0	60	Ant 1	BT3	97.62	1.02	19.50	18.88	1.15	0.17	1.15	1.35
	WLAN5.3G	802.11a	Front Face	0	60	Ant 0+1	BT3	96.44	1.04	22.50	22.04	1.11	0.03	0.163	0.19
	WLAN5.3G	802.11a	Rear Face	0	60	Ant 0+1	BT3	96.44	1.04	22.50	22.04	1.11	0.02	0.551	0.64
	WLAN5.3G	802.11a	Left Side	0	60	Ant 0+1	BT3	96.44	1.04	22.50	22.04	1.11	-0.01	1.12	1.29
50	WLAN5.3G	802.11a	Right Side	0	60	Ant 0+1	BT3	96.44	1.04	22.50	22.04	1.11	-0.04	1.37	1.58
	WLAN5.3G	802.11a	Right Side	0	52	Ant 0+1	BT3	96.44	1.04	22.50	21.95	1.14	0.06	1.21	1.43
	WLAN5.3G	802.11a	Right Side	0	56	Ant 0+1	BT3	96.44	1.04	22.50	22.02	1.12	-0.17	1.18	1.37
	WLAN5.3G	802.11a	Right Side	0	64	Ant 0+1	BT3	96.44	1.04	21.50	21.45	1.01	0.08	1.08	1.13
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	WLAN5.6G	802.11ac VHT80	Front Face	0	138	Ant 0	BT3	84.13	1.19	19.50	19.05	1.11	-0.18	0.187	0.25
	WLAN5.6G	802.11ac VHT80	Rear Face	0	138	Ant 0	BT3	84.13	1.19	19.50	19.05	1.11	0.13	0.189	0.25
	WLAN5.6G	802.11ac VHT80	Right Side	0	138	Ant 0	BT3	84.13	1.19	19.50	19.05	1.11	-0.05	0.913	1.21
	WLAN5.6G	802.11ac VHT80	Front Face	0	138	Ant 1	BT3	85.60	1.17	19.50	18.83	1.17	0.06	0.148	0.20
	WLAN5.6G	802.11ac VHT80	Rear Face	0	138	Ant 1	BT3	85.60	1.17	19.50	18.83	1.17	-0.02	0.331	0.45
	WLAN5.6G	802.11ac VHT80	Left Side	0	138	Ant 1	BT3	85.60	1.17	19.50	18.83	1.17	0.17	0.967	1.32
	WLAN5.6G	802.11ac VHT80	Front Face	0	138	Ant 0+1	BT3	84.86	1.18	22.50	21.95	1.14	0.06	0.189	0.25
	WLAN5.6G	802.11ac VHT80	Rear Face	0	138	Ant 0+1	BT3	84.86	1.18	22.50	21.95	1.14	0.08	0.352	0.47
	WLAN5.6G	802.11ac VHT80	Left Side	0	138	Ant 0+1	BT3	84.86	1.18	22.50	21.95	1.14	-0.12	0.905	1.22
52	WLAN5.6G	802.11ac VHT80	Right Side	0	138	Ant 0+1	BT3	84.86	1.18	22.50	21.95	1.14	-0.07	1.09	1.47
	WLAN5.6G	802.11ac VHT80	Right Side	0	106	Ant 0+1	BT3	84.86	1.18	19.50	19.04	1.11	0.02	0.568	0.74
	WLAN5.6G	802.11ac VHT80	Right Side	0	122	Ant 0+1	BT3	84.86	1.18	19.50	18.99	1.12	-0.1	0.468	0.62
								-	1.00	-	-	1		-	-