



14.4 Product specific 10g SAR

Table with 22 columns: Plot No., Band, BW (MHz), Modulation, RB Size, RB offset, Mode, Test Position, Gap (mm), Antenna, Power State, Ch., Freq. (MHz), Sample, Average Power (dBm), Tune-Up Limit (dBm), Tune-up Scaling Factor, Duty Cycle %, Duty Cycle Scaling Factor, Power Drift (dB), Measured 10g SAR (W/kg), Reported 10g SAR (W/kg). Rows are grouped by frequency bands: 1750MHz, 1900MHz, and 2600MHz.



# FCC SAR Test Report

Report No. : FA391308

	LTE Band 41	20M	QPSK	50	24	-	Left Side	0mm	Ant 2	State 10/9	41055	2636.5	1	23.23	24.00	1.194	62.9	1.006	0.05	1.070	1.285
	LTE Band 41	20M	QPSK	100	0	-	Left Side	0mm	Ant 2	State 10/9	41055	2636.5	1	23.11	24.00	1.227	62.9	1.006	0.06	1.060	1.309
95	FR1 n7	40M	QPSK	1	1	DFT-15	Left Side	0mm	Ant 2	State 10/9	507000	2535	1	22.95	24.00	1.274		1.000	0.08	2.470	<b>3.146</b>
	FR1 n7	40M	QPSK	108	54	DFT-15	Left Side	0mm	Ant 2	State 10/9	507000	2535	1	22.93	24.00	1.279		1.000	0.01	2.360	3.019
	FR1 n7	40M	QPSK	216	0	DFT-15	Left Side	0mm	Ant 2	State 10/9	507000	2535	1	22.90	24.00	1.288		1.000	0.13	2.390	3.079
	FR1 n41	100M	QPSK	1	1	DFT-30	Left Side	0mm	Ant 2	State 10/9	518598	2592.99	1	22.10	23.50	1.380		1.000	-0.08	1.700	2.347
96	FR1 n41	100M	QPSK	135	69	DFT-30	Left Side	0mm	Ant 2	State 10/9	518598	2592.99	1	22.07	23.50	1.390		1.000	-0.12	1.960	<b>2.724</b>
	FR1 n41-HPUE	100M	QPSK	135	69	DFT-30	Left Side	0mm	Ant 2	State 10/9	518598	2592.99	1	24.85	26.00	1.303	50	1.000	-0.1	1.970	2.567
	FR1 n41	100M	QPSK	270	0	DFT-30	Left Side	0mm	Ant 2	State 10/9	518598	2592.99	1	22.03	23.50	1.403		1.000	-0.11	1.700	2.385

## <Inter CA Mode>

Plot No.	Band	BW (MHz)	Modulation	RB Size	RB offset	Mode	Test Position	Gap (mm)	Antenna	Power State	Ch.	Freq. (MHz)	Sample	Average Power (dBm)	Tune-Up Limit (dBm)	Tune-up Scaling Factor	Power Drift (dB)	Measured 10g SAR (W/kg)	Reported 10g SAR (W/kg)	
2600MHz																				
	LTE Band 7	20M	QPSK	1	49	-	Left Side	0mm	Ant 2	State 10/9	21100	2535	1	20.98	22.00	1.265	-0.09	1.010	1.277	
	LTE Band 7	20M	QPSK	50	24	-	Left Side	0mm	Ant 2	State 10/9	21100	2535	1	19.99	21.00	1.262	-0.12	0.851	1.074	
	FR1 n41	100M	QPSK	1	1	DFT-30	Left Side	0mm	Ant 2	State 10/9	518598	2592.99	1	20.65	22.00	1.365	-0.18	1.290	1.760	
	FR1 n41	100M	QPSK	135	69	DFT-30	Left Side	0mm	Ant 2	State 10/9	518598	2592.99	1	20.53	22.00	1.403	-0.03	1.410	1.978	
	FR1 n41	100M	QPSK	270	0	DFT-30	Left Side	0mm	Ant 2	State 10/9	518598	2592.99	1	20.24	22.00	1.500	0.09	1.300	1.950	

## <ENDC>

Plot No.	Band	BW (MHz)	Modulation	RB Size	RB offset	Mode	Test Position	Gap (mm)	Antenna	Power State	Ch.	Freq. (MHz)	Sample	Average Power (dBm)	Tune-Up Limit (dBm)	Tune-up Scaling Factor	Power Drift (dB)	Measured 10g SAR (W/kg)	Reported 10g SAR (W/kg)	
1750MHz																				
	LTE Band 66	20M	QPSK	1	49	-	Left Side	0mm	Ant 2	State 10/9	132322	1745	1	21.92	23.00	1.282	0.03	2.460	3.155	
	LTE Band 66	20M	QPSK	1	49	-	Left Side	0mm	Ant 2	State 10/9	132072	1720	1	21.78	23.00	1.324	-0.1	2.210	2.927	
	LTE Band 66	20M	QPSK	1	49	-	Left Side	0mm	Ant 2	State 10/9	132572	1770	1	21.75	23.00	1.334	-0.13	2.130	2.840	
	LTE Band 66	20M	QPSK	50	24	-	Left Side	0mm	Ant 2	State 10/9	132322	1745	1	20.75	22.00	1.334	0.08	2.110	2.814	
	LTE Band 66	20M	QPSK	50	24	-	Left Side	0mm	Ant 2	State 10/9	132072	1720	1	20.73	22.00	1.340	-0.1	1.860	2.492	
	LTE Band 66	20M	QPSK	50	24	-	Left Side	0mm	Ant 2	State 10/9	132572	1770	1	20.70	22.00	1.349	0.05	1.730	2.334	
	LTE Band 66	20M	QPSK	100	0	-	Left Side	0mm	Ant 2	State 10/9	132322	1745	1	20.72	22.00	1.343	-0.11	1.980	2.659	
	FR1 n66	40M	QPSK	1	1	DFT-15	Left Side	0mm	Ant 2	State 10/9	849000	1745	1	22.05	22.50	1.109	0.12	2.210	2.451	
	FR1 n66	40M	QPSK	108	54	DFT-15	Left Side	0mm	Ant 2	State 10/9	849000	1745	1	22.03	22.50	1.114	-0.1	2.490	2.775	
	FR1 n66	40M	QPSK	216	0	DFT-15	Left Side	0mm	Ant 2	State 10/9	849000	1745	1	22.00	22.50	1.122	-0.04	2.180	2.446	
1900MHz																				
	LTE Band 2	20M	QPSK	1	49	-	Left Side	0mm	Ant 2	State 10/9	18900	1880	1	21.49	23.00	1.416	0.08	1.925	2.725	
	LTE Band 2	20M	QPSK	1	49	-	Left Side	0mm	Ant 2	State 10/9	18700	1860	1	21.43	23.00	1.435	0.01	2.103	3.019	
	LTE Band 2	20M	QPSK	1	49	-	Left Side	0mm	Ant 2	State 10/9	19100	1900	1	21.40	23.00	1.445	0.1	1.738	2.512	
	LTE Band 2	20M	QPSK	50	24	-	Left Side	0mm	Ant 2	State 10/9	18900	1880	1	20.55	22.00	1.396	0.05	1.684	2.351	
	LTE Band 2	20M	QPSK	50	24	-	Left Side	0mm	Ant 2	State 10/9	18700	1860	1	20.50	22.00	1.413	0.09	1.836	2.593	
	LTE Band 2	20M	QPSK	50	24	-	Left Side	0mm	Ant 2	State 10/9	19100	1900	1	20.46	22.00	1.426	-0.03	1.488	2.121	
	LTE Band 2	20M	QPSK	100	0	-	Left Side	0mm	Ant 2	State 10/9	18900	1880	1	20.52	22.00	1.406	0.06	1.613	2.268	
	FR1 n25	40M	QPSK	1	1	DFT-15	Left Side	0mm	Ant 2	State 10/9	876500	1882.5	1	22.55	23.00	1.109	-0.11	2.410	2.673	
	FR1 n25	40M	QPSK	108	54	DFT-15	Left Side	0mm	Ant 2	State 10/9	876500	1882.5	1	22.53	23.00	1.114	0.05	2.630	2.931	
	FR1 n25	40M	QPSK	216	0	DFT-15	Left Side	0mm	Ant 2	State 10/9	876500	1882.5	1	22.50	23.00	1.122	0.04	2.310	2.592	
2600MHz																				
	LTE Band 7	20M	QPSK	1	49	-	Left Side	0mm	Ant 2	State 10	21100	2535	1	23.84	25.00	1.306	-0.07	1.940	2.534	
	LTE Band 7	20M	QPSK	1	49	-	Left Side	0mm	Ant 2	State 10	20850	2510	1	23.66	25.00	1.361	-0.05	2.110	2.873	
	LTE Band 7	20M	QPSK	1	49	-	Left Side	0mm	Ant 2	State 10	21350	2560	1	23.73	25.00	1.340	-0.02	2.360	3.162	
	LTE Band 7	20M	QPSK	50	24	-	Left Side	0mm	Ant 2	State 10	21100	2535	1	22.87	24.00	1.297	0.06	1.540	1.998	
	LTE Band 7	20M	QPSK	50	24	-	Left Side	0mm	Ant 2	State 10	20850	2510	1	22.75	24.00	1.334	0.09	1.710	2.280	
	LTE Band 7	20M	QPSK	50	24	-	Left Side	0mm	Ant 2	State 10	21350	2560	1	22.84	24.00	1.306	0.06	1.880	2.456	
	LTE Band 7	20M	QPSK	100	0	-	Left Side	0mm	Ant 2	State 10	21100	2535	1	22.74	24.00	1.337	-0.05	1.620	2.165	
	FR1 n7	40M	QPSK	1	1	DFT-15	Left Side	0mm	Ant 2	State 10	507000	2535	1	22.95	24.00	1.274	0.08	2.470	3.146	
	FR1 n7	40M	QPSK	108	54	DFT-15	Left Side	0mm	Ant 2	State 10	507000	2535	1	22.93	24.00	1.279	0.01	2.360	3.019	



FCC SAR Test Report

Report No. : FA391308

	FR1 n7	40M	QPSK	216	0	DFT-15	Left Side	0mm	Ant 2	State 10	507000	2535	1	22.90	24.00	1.288	0.13	2.390	3.079		
	FR1 n41	100M	QPSK	1	1	DFT-30	Left Side	0mm	Ant 2	State 10	518598	2592.99	1	22.10	23.50	1.380	-0.08	1.700	2.347		
	FR1 n41	100M	QPSK	135	69	DFT-30	Left Side	0mm	Ant 2	State 10	518598	2592.99	1	22.07	23.50	1.390	-0.12	1.960	2.724		
	FR1 n41	100M	QPSK	270	0	DFT-30	Left Side	0mm	Ant 2	State 10	518598	2592.99	1	22.03	23.50	1.403	-0.11	1.700	2.385		

<UL MIMO>

Plot No.	Band	BW (MHz)	Modulation	RB Size	RB offset	Mode	Test Position	Gap (mm)	Antenna	Power State	Ch.	Freq. (MHz)	Sample	Average Power (dBm)	Tune-Up Limit (dBm)	Tune-up Scaling Factor	Duty Cycle %	Duty Cycle Scaling Factor	Power Drift (dB)	Measured 10g SAR (W/kg)	Reported 10g SAR (W/kg)
<b>2600MHz</b>																					
	FR1 n41	100M	QPSK	1	1	CP-30	Left Side	0mm	Ant 2	State 10/95	518598	2592.99	1	20.53	22.00	1.403	-	-	-0.01	1.350	1.894
	FR1 n41-HPUE	100M	QPSK	1	1	CP-30	Left Side	0mm	Ant 2	State 10/95	518598	2592.99	1	23.59	24.50	1.233	50	1.000	-0.12	1.370	1.689
	FR1 n41	100M	QPSK	137	68	CP-30	Left Side	0mm	Ant 2	State 10/95	518598	2592.99	1	20.48	22.00	1.419	-	-	0.19	1.260	1.788
	FR1 n41	100M	QPSK	273	0	CP-30	Left Side	0mm	Ant 2	State 10/95	518598	2592.99	1	20.43	22.00	1.435	-	-	-0.19	1.170	1.680

Plot No.	Band	Mode	Test Position	Gap (mm)	Antenna	Operating Mode	Power State	Ch.	Freq. (MHz)	Sample	Average Power (dBm)	Tune-Up Limit (dBm)	Tune-up Scaling Factor	Duty Cycle %	Duty Cycle Scaling Factor	Power Drift (dB)	Measured 10g SAR (W/kg)	Reported 10g SAR (W/kg)
<b>5000MHz</b>																		
	WLAN5.3GHz	802.11n-HT40 MCS0	Front	0mm	Ant 5	normal	Standalone	54	5270	1	17.47	19.00	1.422	100.00	1.000	0.07	1.260	1.792
	WLAN5.3GHz	802.11n-HT40 MCS0	Back	0mm	Ant 5	normal	Standalone	54	5270	1	17.47	19.00	1.422	100.00	1.000	0.08	0.488	0.694
	WLAN5.3GHz	802.11n-HT40 MCS0	Right Side	0mm	Ant 5	normal	Standalone	54	5270	1	17.47	19.00	1.422	100.00	1.000	-0.06	1.890	2.688
	WLAN5.3GHz	802.11n-HT40 MCS0	Right Side	0mm	Ant 5	normal	Standalone	62	5310	1	15.99	17.50	1.416	100.00	1.000	-0.02	1.460	2.067
	WLAN5.3GHz	802.11n-HT20 MCS0	Front	0mm	Ant 4	normal	full	60	5300	1	20.22	21.50	1.343	100.00	1.000	-0.13	0.540	0.725
	WLAN5.3GHz	802.11n-HT20 MCS0	Back	0mm	Ant 4	normal	full	60	5300	1	20.22	21.50	1.343	100.00	1.000	0.13	0.192	0.258
	WLAN5.3GHz	802.11n-HT20 MCS0	Right Side	0mm	Ant 4	normal	full	60	5300	1	20.22	21.50	1.343	100.00	1.000	0	0.157	0.211
	WLAN5.3GHz	802.11n-HT20 MCS0	Top Side	0mm	Ant 4	normal	full	60	5300	1	20.22	21.50	1.343	100.00	1.000	-0.04	0.751	1.008
	WLAN5.3GHz	802.11n-HT40 MCS0	Front	0mm	Ant 5+4	normal	Standalone	54	5270	1	20.68	22.00	1.355	100.00	1.000	-0.04	1.310	1.775
	WLAN5.3GHz	802.11n-HT40 MCS0	Back	0mm	Ant 5+4	normal	Standalone	54	5270	1	20.68	22.00	1.355	100.00	1.000	0.1	0.494	0.670
	WLAN5.3GHz	802.11n-HT40 MCS0	Right Side	0mm	Ant 5+4	normal	Standalone	54	5270	1	20.68	22.00	1.355	100.00	1.000	-0.08	1.900	2.575
	WLAN5.3GHz	802.11n-HT40 MCS0	Top Side	0mm	Ant 5+4	normal	Standalone	54	5270	1	20.68	22.00	1.355	100.00	1.000	0.07	0.520	0.705
	WLAN5.3GHz	802.11n-HT40 MCS0	Right Side	0mm	Ant 5+4	normal	Standalone	62	5310	1	19.17	20.50	1.357	100.00	1.000	0.04	1.410	1.914
	WLAN5.3GHz	802.11n-HT40 MCS0	Front	0mm	Ant 5	camera	Standalone	54	5270	1	17.68	19.50	1.521	100.00	1.000	0.04	1.140	1.733
	WLAN5.3GHz	802.11n-HT40 MCS0	Back	0mm	Ant 5	camera	Standalone	54	5270	1	17.68	19.50	1.521	100.00	1.000	0.02	0.489	0.744
97	WLAN5.3GHz	802.11n-HT40 MCS0	Right Side	0mm	Ant 5	camera	Standalone	54	5270	1	17.68	19.50	1.521	100.00	1.000	0.02	1.940	<b>2.950</b>
	WLAN5.3GHz	802.11n-HT40 MCS0	Right Side	0mm	Ant 5	camera	Standalone	62	5310	1	16.10	18.00	1.549	100.00	1.000	0.06	1.470	2.277
	WLAN5.3GHz	802.11n-HT20 MCS0	Front	0mm	Ant 6	camera	full	60	5300	1	18.65	20.00	1.365	100.00	1.000	-0.11	0.110	0.150
	WLAN5.3GHz	802.11n-HT20 MCS0	Back	0mm	Ant 6	camera	full	60	5300	1	18.65	20.00	1.365	100.00	1.000	0.01	0.183	0.250
	WLAN5.3GHz	802.11n-HT20 MCS0	Left Side	0mm	Ant 6	camera	full	60	5300	1	18.65	20.00	1.365	100.00	1.000	0.04	0.068	0.093
	WLAN5.3GHz	802.11n-HT20 MCS0	Top Side	0mm	Ant 6	camera	full	60	5300	1	18.65	20.00	1.365	100.00	1.000	0.13	0.268	0.366
	WLAN5.3GHz	802.11n-HT40 MCS0	Front	0mm	Ant 5+6	camera	Standalone	54	5270	1	19.85	21.50	1.463	100.00	1.000	-0.04	1.160	1.697
	WLAN5.3GHz	802.11n-HT40 MCS0	Back	0mm	Ant 5+6	camera	Standalone	54	5270	1	19.85	21.50	1.463	100.00	1.000	-0.01	0.540	0.790
	WLAN5.3GHz	802.11n-HT40 MCS0	Left Side	0mm	Ant 5+6	camera	Standalone	54	5270	1	19.85	21.50	1.463	100.00	1.000	-0.13	0.190	0.278
	WLAN5.3GHz	802.11n-HT40 MCS0	Right Side	0mm	Ant 5+6	camera	Standalone	54	5270	1	19.85	21.50	1.463	100.00	1.000	0.02	1.730	2.531
	WLAN5.3GHz	802.11n-HT40 MCS0	Top Side	0mm	Ant 5+6	camera	Standalone	54	5270	1	19.85	21.50	1.463	100.00	1.000	0.07	0.114	0.167
	WLAN5.3GHz	802.11n-HT40 MCS0	Right Side	0mm	Ant 5+6	camera	Standalone	62	5310	1	18.29	20.00	1.482	100.00	1.000	0.04	1.390	2.060
	WLAN5.5GHz	802.11ac-VHT80 MCS0	Front	0mm	Ant 5	normal	Standalone	106	5530	1	15.93	17.50	1.435	100.00	1.000	-0.03	1.430	2.053
	WLAN5.5GHz	802.11ac-VHT80 MCS0	Back	0mm	Ant 5	normal	Standalone	106	5530	1	15.93	17.50	1.435	100.00	1.000	-0.09	0.588	0.844
	WLAN5.5GHz	802.11ac-VHT80 MCS0	Right Side	0mm	Ant 5	normal	Standalone	106	5530	1	15.93	17.50	1.435	100.00	1.000	-0.08	1.880	2.699
	WLAN5.5GHz	802.11a 6Mbps	Front	0mm	Ant 4	normal	Standalone	132	5660	1	19.13	20.50	1.371	99.32	1.007	0.07	1.410	1.946
	WLAN5.5GHz	802.11a 6Mbps	Back	0mm	Ant 4	normal	Standalone	132	5660	1	19.13	20.50	1.371	99.32	1.007	0.03	0.673	0.929
	WLAN5.5GHz	802.11a 6Mbps	Right Side	0mm	Ant 4	normal	Standalone	132	5660	1	19.13	20.50	1.371	99.32	1.007	-0.03	0.578	0.798
	WLAN5.5GHz	802.11a 6Mbps	Top Side	0mm	Ant 4	normal	Standalone	132	5660	1	19.13	20.50	1.371	99.32	1.007	-0.03	1.840	2.540
	WLAN5.5GHz	802.11a 6Mbps	Top Side	0mm	Ant 4	normal	Standalone	100	5500	1	18.49	20.00	1.416	99.32	1.007	-0.01	1.710	2.438
	WLAN5.5GHz	802.11a 6Mbps	Top Side	0mm	Ant 4	normal	Standalone	116	5580	1	18.87	20.50	1.456	99.32	1.007	0.07	1.670	2.448
	WLAN5.5GHz	802.11a 6Mbps	Top Side	0mm	Ant 4	normal	Standalone	140	5700	1	17.85	19.50	1.462	99.32	1.007	0.09	1.520	2.238



**FCC SAR Test Report**

**Report No. : FA391308**

	WLAN5.5GHz	802.11ac-VHT80 MCS0	Front	0mm	Ant 5+4	normal	Standalone	106	5530	1	18.52	20.00	1.407	100.00	1.000	-0.1	1.430	2.012
	WLAN5.5GHz	802.11ac-VHT80 MCS0	Back	0mm	Ant 5+4	normal	Standalone	106	5530	1	18.52	20.00	1.407	100.00	1.000	0.1	0.567	0.798
	WLAN5.5GHz	802.11ac-VHT80 MCS0	Right Side	0mm	Ant 5+4	normal	Standalone	106	5530	1	18.52	20.00	1.407	100.00	1.000	-0.06	1.880	2.645
	WLAN5.5GHz	802.11ac-VHT80 MCS0	Top Side	0mm	Ant 5+4	normal	Standalone	106	5530	1	18.52	20.00	1.407	100.00	1.000	-0.07	0.786	1.106
	WLAN5.5GHz	802.11ac-VHT80 MCS0	Front	0mm	Ant 5	camera	Standalone	106	5530	1	16.32	18.00	1.472	100.00	1.000	0.06	1.350	1.988
	WLAN5.5GHz	802.11ac-VHT80 MCS0	Back	0mm	Ant 5	camera	Standalone	106	5530	1	16.32	18.00	1.472	100.00	1.000	-0.13	0.576	0.848
98	WLAN5.5GHz	802.11ac-VHT80 MCS0	Right Side	0mm	Ant 5	camera	Standalone	106	5530	1	16.32	18.00	1.472	100.00	1.000	-0.13	1.870	2.753
	WLAN5.5GHz	802.11n-HT20 MCS0	Front	0mm	Ant 6	camera	full	116	5580	1	18.05	20.00	1.567	100.00	1.000	-0.08	0.150	0.235
	WLAN5.5GHz	802.11n-HT20 MCS0	Back	0mm	Ant 6	camera	full	116	5580	1	18.05	20.00	1.567	100.00	1.000	0.08	0.179	0.280
	WLAN5.5GHz	802.11n-HT20 MCS0	Left Side	0mm	Ant 6	camera	full	116	5580	1	18.05	20.00	1.567	100.00	1.000	0.03	0.476	0.746
	WLAN5.5GHz	802.11n-HT20 MCS0	Top Side	0mm	Ant 6	camera	full	116	5580	1	18.05	20.00	1.567	100.00	1.000	-0.11	0.249	0.390
	WLAN5.5GHz	802.11ac-VHT80 MCS0	Front	0mm	Ant 5+6	camera	Standalone	106	5530	1	17.95	19.50	1.428	100.00	1.000	-0.01	1.290	1.843
	WLAN5.5GHz	802.11ac-VHT80 MCS0	Back	0mm	Ant 5+6	camera	Standalone	106	5530	1	17.95	19.50	1.428	100.00	1.000	-0.12	0.583	0.833
	WLAN5.5GHz	802.11ac-VHT80 MCS0	Left Side	0mm	Ant 5+6	camera	Standalone	106	5530	1	17.95	19.50	1.428	100.00	1.000	-0.06	0.178	0.254
	WLAN5.5GHz	802.11ac-VHT80 MCS0	Right Side	0mm	Ant 5+6	camera	Standalone	106	5530	1	17.95	19.50	1.428	100.00	1.000	0.07	1.810	2.585
	WLAN5.5GHz	802.11ac-VHT80 MCS0	Top Side	0mm	Ant 5+6	camera	Standalone	106	5530	1	17.95	19.50	1.428	100.00	1.000	-0.05	0.131	0.187
	WLAN5.8GHz	802.11ac-VHT80 MCS0	Right Side	0mm	Ant 5	normal	Standalone	155	5775	1	16.02	17.50	1.406	100.00	1.000	-0.02	2.050	2.882
	WLAN5.8GHz	802.11ac-VHT80 MCS0	Right Side	0mm	Ant 5+4	normal	Standalone	155	5775	1	18.85	20.00	1.303	100.00	1.000	-0.07	1.990	2.593
	WLAN5.8GHz	802.11ac-VHT80 MCS0	Right Side	0mm	Ant 5	camera	Standalone	155	5775	1	16.45	18.00	1.429	100.00	1.000	0.04	2.080	2.972
	WLAN5.8GHz	802.11ac-VHT80 MCS0	Back	0mm	Ant 5+6	camera	Standalone	155	5775	1	18.31	20.00	1.475	100.00	1.000	0.03	0.723	1.066
99	WLAN5.8GHz	802.11ac-VHT80 MCS0	Right Side	0mm	Ant 5+6	camera	Standalone	155	5775	1	18.31	20.00	1.475	100.00	1.000	-0.02	2.030	2.993
	WLAN5.8GHz	802.11ac-VHT80 MCS0	Right Side	0mm	Ant 5+6	camera	Standalone	155	5775	2	18.31	20.00	1.475	100.00	1.000	0.04	1.830	2.698



14.5 Repeated SAR Measurement

<1g>

Plot No.	Band	BW (MHz)	Modulation	RB Size	RB offset	Mode	Test Position	Gap (mm)	Antenna	Power State	Ch.	Freq. (MHz)	Sample	Average Power (dBm)	Tune-Up Limit (dBm)	Tune-up Scaling Factor	Duty Cycle %	Duty Cycle Scaling Factor	Power Drift (dB)	Measured 1g SAR (W/kg)	Ratio	Reported 1g SAR (W/kg)
1st	FR1 n66	40M	QPSK	108	54	DFT-15	Right Cheek	0mm	Ant 2	State 6	349000	1745	1	18.53	19.00	1.114	-	-	0.04	0.902	1	1.005
2nd	FR1 n66	40M	QPSK	108	54	DFT-15	Right Cheek	0mm	Ant 2	State 6	349000	1745	1	18.53	19.00	1.114	-	-	0.13	0.894	1.009	0.996
1st	FR1 n25	40M	QPSK	108	54	DFT-15	Right Cheek	0mm	Ant 2	State 6	376500	1882.5	1	18.53	19.00	1.114	-	-	-0.05	0.993	1	1.106
2nd	FR1 n25	40M	QPSK	108	54	DFT-15	Right Cheek	0mm	Ant 2	State 6	376500	1882.5	1	18.53	19.00	1.114	-	-	-0.02	0.986	1.007	1.099
1st	LTE Band 30	10M	QPSK	1	25	-	Right Cheek	0mm	Ant 2	State 6	27710	2310	1	17.33	18.00	1.167	-	-	0.01	0.947	1	1.105
2nd	LTE Band 30	10M	QPSK	1	25	-	Right Cheek	0mm	Ant 2	State 6	27710	2310	1	17.33	18.00	1.167	-	-	0.03	0.933	1.015	1.089
1st	FR1 n77	100M	QPSK	1	1	DFT-30	Right Tilted	0mm	Ant 7	State 6	633332	3499.98	1	21.16	22.50	1.361	-	-	0.06	0.871	1	1.186
2nd	FR1 n77	100M	QPSK	1	1	DFT-30	Right Tilted	0mm	Ant 7	State 6	633332	3499.98	1	21.16	22.50	1.361	-	-	0.03	0.869	1.002	1.183
1st	WLAN2.4GHz	-	-	-	-	802.11b 1Mbps	Left Cheek	0mm	Ant 4	normal	11	2462	1	18.75	20.00	1.334	97.46	1.026	0.1	0.856	1	1.171
2nd	WLAN2.4GHz	-	-	-	-	802.11b 1Mbps	Left Cheek	0mm	Ant 4	normal	11	2462	1	18.75	20.00	1.334	97.46	1.026	0.14	0.844	1.014	1.155
1st	WLAN5.5GHz	-	-	-	-	802.11ac-VHT80 MCS0	Left Cheek	0mm	Ant 5+4	normal	106	5530	1	17.97	19.50	1.422	100.00	1.000	-0.1	0.807	1	1.148
2nd	WLAN5.5GHz	-	-	-	-	802.11ac-VHT80 MCS0	Left Cheek	0mm	Ant 5+4	normal	106	5530	1	17.97	19.50	1.422	100.00	1.000	-0.05	0.796	1.014	1.132
1st	LTE Band 41	20M	QPSK	1	49	-	Left Side	10mm	Ant 8	State 8	41055	2636.5	1	24.48	25.00	1.127	62.9	1.006	-0.05	0.908	1	1.030
2nd	LTE Band 41	20M	QPSK	1	49	-	Left Side	10mm	Ant 8	State 8	41055	2636.5	1	24.48	25.00	1.127	62.9	1.006	0.06	0.874	1.039	0.991

<10g>

Plot No.	Band	BW (MHz)	Modulation	RB Size	RB offset	Mode	Test Position	Gap (mm)	Antenna	Power State	Ch.	Freq. (MHz)	Sample	Average Power (dBm)	Tune-Up Limit (dBm)	Tune-up Scaling Factor	Duty Cycle %	Duty Cycle Scaling Factor	Power Drift (dB)	Measured 10g SAR (W/kg)	Ratio	Reported 10g SAR (W/kg)
1st	FR1 n25	40M	QPSK	108	54	DFT-15	Left Side	0mm	Ant 2	State 10/9	376500	1882.5	1	22.53	23.00	1.114	-	-	0.05	2.630	1	2.931
2nd	FR1 n25	40M	QPSK	108	54	DFT-15	Left Side	0mm	Ant 2	State 10/9	376500	1882.5	1	22.53	23.00	1.114	-	-	0.09	2.560	1.027	2.853
1st	FR1 n7	40M	QPSK	1	1	DFT-15	Left Side	0mm	Ant 2	State 10/9	507000	2535	1	22.95	24.00	1.274	-	-	0.08	2.470	1	3.146
2nd	FR1 n7	40M	QPSK	1	1	DFT-15	Left Side	0mm	Ant 2	State 10/9	507000	2535	1	22.95	24.00	1.274	-	-	0.05	2.340	1.056	2.980
1st	WLAN5.8GHz	-	-	-	-	802.11ac-VHT80 MCS0	Right Side	0mm	Ant 5	camera	155	5775	1	16.45	18.00	1.429	100.00	1.000	0.04	2.080	1	2.972
2nd	WLAN5.8GHz	-	-	-	-	802.11ac-VHT80 MCS0	Right Side	0mm	Ant 5	camera	155	5775	1	16.45	18.00	1.429	100.00	1.000	0.04	2.000	1.040	2.858

General Note:

1. Per KDB 865664 D01v01r04, for each frequency band, repeated SAR measurement is required only when the measured SAR is  $\geq 0.8W/kg$ .
2. Per KDB 865664 D01v01r04, if the ratio among the repeated measurement is  $\leq 1.2$  and the measured SAR  $< 1.45W/kg$ , only one repeated measurement is required.
3. Per KDB 865664 D01v01r04, if the extremity repeated SAR is necessary, the same procedures should be adapted for measurements according to extremity and occupational exposure limits by applying a factor of 2.5 for extremity exposure and a factor of 5 for occupational exposure to the corresponding SAR thresholds.
4. The ratio is the difference in percentage between original and repeated *measured SAR*.
5. All measurement SAR result is scaled-up to account for tune-up tolerance and is compliant.



### 14.6 TDD LTE/NR Linearity Data Analysis

**General Note:**

This device support Power Class 2 and Power Class 3 operations for LTE Band 41/5GNR n41/n77. The highest available duty cycle for Power Class 2 operation is 43.3% using UL-DL configuration 1. Per FCC Guidance based on the device behavior, all SAR tests were performed using Power Class 3. Power Class 2 is tested using the highest SAR test configuration in Power Class 3 for each LTE configuration and exposure condition combination, according to the highest time averaged power for all applicable uplink-downlink configurations in Power Class 2. When the reported SAR vs. output power is linearly scaled with < 10% discrepancy between power classes and all reported SAR are < 1.4 W/kg for 1g and < 3.5 W/kg for 10g, Separate SAR testing for Power Class 2 is not required.

**<SA Mode>**

Head			Hopspot		
<b>LTE Band 41_Ant 1(HPUE)-Linearity Data for State 6/7</b>			<b>LTE Band 41_Ant 1(HPUE)-Linearity Data for State 8</b>		
	LTE Band 41 (Power Class 3)	LTE Band 41 (Power Class 2)		LTE Band 41 (Power Class 3)	LTE Band 41 (Power Class 2)
Maximum Tune up Power (dBm)	25.00	27.50	Maximum Tune up Power (dBm)	25.00	27.50
Reported 1g SAR (W/kg)	0.129	0.155	Reported 1g SAR (W/kg)	0.632	0.699
Duty Cycle	63.30%	43.30%	Duty Cycle	63.30%	43.30%
Frame Averaged (mW)	200.17	243.49	Frame Averaged (mW)	200.17	243.49
Linearity SAR (W/kg)	0.157		Linearity SAR (W/kg)	0.769	
% deviation from expected linearity		-1.22%	% deviation from expected linearity		-9.08%
<b>LTE Band 41_Ant 2(HPUE)-Linearity Data for State 6</b>			<b>LTE Band 41_Ant 2(HPUE)-Linearity Data for State 8</b>		
	LTE Band 41 (Power Class 3)	LTE Band 41 (Power Class 2)		LTE Band 41 (Power Class 3)	LTE Band 41 (Power Class 2)
Maximum Tune up Power (dBm)	19.50	22.00	Maximum Tune up Power (dBm)	17.50	20.00
Reported 1g SAR (W/kg)	0.863	0.957	Reported 1g SAR (W/kg)	0.215	0.267
Duty Cycle	63.30%	43.30%	Duty Cycle	63.30%	43.30%
Frame Averaged (mW)	56.42	68.63	Frame Averaged (mW)	35.60	43.30
Linearity SAR (W/kg)	1.050		Linearity SAR (W/kg)	0.262	
% deviation from expected linearity		-8.84%	% deviation from expected linearity		2.09%
<b>LTE Band 41_Ant 2(HPUE)-Linearity Data for State 7</b>			<b>LTE Band 41_Ant 8(HPUE)-Linearity Data for State 8</b>		
	LTE Band 41 (Power Class 3)	LTE Band 41 (Power Class 2)		LTE Band 41 (Power Class 3)	LTE Band 41 (Power Class 2)
Maximum Tune up Power (dBm)	17.50	20.00	Maximum Tune up Power (dBm)	25.00	27.50
Reported 1g SAR (W/kg)	0.406	0.450	Reported 1g SAR (W/kg)	1.064	1.183
Duty Cycle	63.30%	43.30%	Duty Cycle	63.30%	43.30%
Frame Averaged (mW)	35.60	43.30	Frame Averaged (mW)	200.17	243.49
Linearity SAR (W/kg)	0.494		Linearity SAR (W/kg)	1.294	
% deviation from expected linearity		-8.88%	% deviation from expected linearity		-8.60%
<b>LTE Band 41_Ant 8(HPUE)-Linearity Data for State 6/7</b>			<b>LTE Band 41_Ant 9(HPUE)-Linearity Data for State 8</b>		
	LTE Band 41 (Power Class 3)	LTE Band 41 (Power Class 2)		LTE Band 41 (Power Class 3)	LTE Band 41 (Power Class 2)
Maximum Tune up Power (dBm)	25.00	27.50	Maximum Tune up Power (dBm)	25.00	27.50
Reported 1g SAR (W/kg)	0.316	0.349	Reported 1g SAR (W/kg)	0.112	0.126
Duty Cycle	63.30%	43.30%	Duty Cycle	63.30%	43.30%
Frame Averaged (mW)	200.17	243.49	Frame Averaged (mW)	200.17	243.49
Linearity SAR (W/kg)	0.384		Linearity SAR (W/kg)	0.136	
% deviation from expected linearity		-9.21%	% deviation from expected linearity		-7.52%
<b>LTE Band 41_Ant 9(HPUE)-Linearity Data for State 6/7</b>			<b>FR1 n41_Ant 1(HPUE)-Linearity Data for State 8</b>		
	LTE Band 41 (Power Class 3)	LTE Band 41 (Power Class 2)		FR1 n41 (Power Class 3)	FR1 n41 (Power Class 2)



	Class 3)	Class 2)			
Maximum Tune up Power (dBm)	25.00	27.50	Maximum Tune up Power (dBm)	22.50	25.00
Reported 1g SAR (W/kg)	0.098	0.120	Reported 1g SAR (W/kg)	0.649	0.598
Duty Cycle	63.30%	43.30%	Duty Cycle	100.00%	50.00%
Frame Averaged (mW)	200.17	243.49	Frame Averaged (mW)	177.83	158.11
Linearity SAR (W/kg)	0.119		Linearity SAR (W/kg)	0.577	
% deviation from expected linearity		0.66%	% deviation from expected linearity		3.63%
<b>FR1 n41_Ant 1(HPUE)-Linearity Data for State 6/7</b>			<b>FR1 n41_Ant 2(HPUE)-Linearity Data for State 8</b>		
	LTE Band 41 (Power Class 3)	LTE Band 41 (Power Class 2)		FR1 n41 (Power Class 3)	FR1 n41 (Power Class 2)
Maximum Tune up Power (dBm)	25.00	27.50	Maximum Tune up Power (dBm)	16.50	19.00
Reported 1g SAR (W/kg)	0.223	0.208	Reported 1g SAR (W/kg)	0.525	0.513
Duty Cycle	100.00%	50.00%	Duty Cycle	100.00%	50.00%
Frame Averaged (mW)	316.23	281.17	Frame Averaged (mW)	44.67	39.72
Linearity SAR (W/kg)	0.198		Linearity SAR (W/kg)	0.467	
% deviation from expected linearity		4.90%	% deviation from expected linearity		9.90%
<b>FR1 n41_Ant 2(HPUE)-Linearity Data for State 6</b>			<b>FR1 n41_Ant 8(HPUE)-Linearity Data for State 8</b>		
	LTE Band 41 (Power Class 3)	LTE Band 41 (Power Class 2)		FR1 n41 (Power Class 3)	FR1 n41 (Power Class 2)
Maximum Tune up Power (dBm)	18.50	21.00	Maximum Tune up Power (dBm)	20.00	22.50
Reported 1g SAR (W/kg)	1.091	1.020	Reported 1g SAR (W/kg)	1.186	1.138
Duty Cycle	100.00%	50.00%	Duty Cycle	100.00%	50.00%
Frame Averaged (mW)	70.79	62.95	Frame Averaged (mW)	100.00	88.91
Linearity SAR (W/kg)	0.970		Linearity SAR (W/kg)	1.055	
% deviation from expected linearity		5.15%	% deviation from expected linearity		7.92%
<b>FR1 n41_Ant 2(HPUE)-Linearity Data for State 7</b>			<b>FR1 n41_Ant 9(HPUE)-Linearity Data for State 8</b>		
	FR1 n77 (Power Class 3)	FR1 n77 (Power Class 2)		FR1 n41 (Power Class 3)	FR1 n41 (Power Class 2)
Maximum Tune up Power (dBm)	16.50	19.00	Maximum Tune up Power (dBm)	25.00	27.50
Reported 1g SAR (W/kg)	0.697	0.636	Reported 1g SAR (W/kg)	0.151	0.138
Duty Cycle	100.00%	50.00%	Duty Cycle	100.00%	50.00%
Frame Averaged (mW)	44.67	39.72	Frame Averaged (mW)	316.23	281.17
Linearity SAR (W/kg)	0.620		Linearity SAR (W/kg)	0.134	
% deviation from expected linearity		2.63%	% deviation from expected linearity		2.79%
<b>FR1 n41_Ant 8(HPUE)-Linearity Data for State 6/7</b>			<b>FR1 n77 Par270_Ant 8(HPUE)-Linearity Data for State 8</b>		
	LTE Band 41 (Power Class 3)	LTE Band 41 (Power Class 2)		FR1 n77 (Power Class 3)	FR1 n77 (Power Class 2)
Maximum Tune up Power (dBm)	25.00	27.50	Maximum Tune up Power (dBm)	21.00	23.50
Reported 1g SAR (W/kg)	0.338	0.315	Reported 1g SAR (W/kg)	0.570	0.512
Duty Cycle	100.00%	50.00%	Duty Cycle	100.00%	50.00%
Frame Averaged (mW)	316.23	281.17	Frame Averaged (mW)	125.89	111.94
Linearity SAR (W/kg)	0.301		Linearity SAR (W/kg)	0.507	
% deviation from expected linearity		4.82%	% deviation from expected linearity		1.02%
<b>FR1 n41_Ant 9(HPUE)-Linearity Data for State 6/7</b>			<b>FR1 n77 Par27Q_Ant 8(HPUE)-Linearity Data for State 8</b>		
	LTE Band 41 (Power Class 3)	LTE Band 41 (Power Class 2)		FR1 n77 (Power Class 3)	FR1 n77 (Power Class 2)
Maximum Tune up Power (dBm)	25.00	27.50	Maximum Tune up Power (dBm)	21.00	23.50
Reported 1g SAR (W/kg)	0.102	0.095	Reported 1g SAR (W/kg)	0.489	0.419
Duty Cycle	100.00%	50.00%	Duty Cycle	100.00%	50.00%
Frame Averaged (mW)	316.23	281.17	Frame Averaged (mW)	125.89	111.94
Linearity SAR (W/kg)	0.091		Linearity SAR (W/kg)	0.435	



% deviation from expected linearity		4.75%	% deviation from expected linearity		-3.63%
<b>FR1 n77 Par270_Ant 8(HPUE)-Linearity Data for State 6/7</b>			<b>FR1 n77 Par270_Ant 9(HPUE)-Linearity Data for State 8</b>		
	FR1 n77 (Power Class 3)	FR1 n77 (Power Class 2)		FR1 n77 (Power Class 3)	FR1 n77 (Power Class 2)
Maximum Tune up Power (dBm)	25.00	27.50	Maximum Tune up Power (dBm)	22.00	24.50
Reported 1g SAR (W/kg)	0.544	0.516	Reported 1g SAR (W/kg)	0.403	0.373
Duty Cycle	100.00%	50.00%	Duty Cycle	100.00%	50.00%
Frame Averaged (mW)	316.23	281.17	Frame Averaged (mW)	158.49	140.92
Linearity SAR (W/kg)	0.484		Linearity SAR (W/kg)	0.358	
% deviation from expected linearity		6.68%	% deviation from expected linearity		4.10%
<b>FR1 n77 Par270Q_Ant 8(HPUE)-Linearity Data for State 6/7</b>			<b>FR1 n77 Par270Q_Ant 9(HPUE)-Linearity Data for State 8</b>		
	FR1 n77 (Power Class 3)	FR1 n77 (Power Class 2)		FR1 n77 (Power Class 3)	FR1 n77 (Power Class 2)
Maximum Tune up Power (dBm)	25.00	27.50	Maximum Tune up Power (dBm)	22.00	24.50
Reported 1g SAR (W/kg)	0.551	0.500	Reported 1g SAR (W/kg)	0.546	0.521
Duty Cycle	100.00%	50.00%	Duty Cycle	100.00%	50.00%
Frame Averaged (mW)	316.23	281.17	Frame Averaged (mW)	158.49	140.92
Linearity SAR (W/kg)	0.490		Linearity SAR (W/kg)	0.485	
% deviation from expected linearity		2.06%	% deviation from expected linearity		7.32%
<b>FR1 n77 Par270_Ant 9(HPUE)-Linearity Data for State 6/7</b>			<b>FR1 n77 Par270_Ant 7(HPUE)-Linearity Data for State 8</b>		
	FR1 n77 (Power Class 3)	FR1 n77 (Power Class 2)		FR1 n77 (Power Class 3)	FR1 n77 (Power Class 2)
Maximum Tune up Power (dBm)	25.00	27.50	Maximum Tune up Power (dBm)	20.50	23.00
Reported 1g SAR (W/kg)	0.090	0.081	Reported 1g SAR (W/kg)	0.193	0.187
Duty Cycle	100.00%	50.00%	Duty Cycle	100.00%	50.00%
Frame Averaged (mW)	316.23	281.17	Frame Averaged (mW)	112.20	99.76
Linearity SAR (W/kg)	0.080		Linearity SAR (W/kg)	0.172	
% deviation from expected linearity		1.22%	% deviation from expected linearity		8.97%
<b>FR1 n77 Par270Q_Ant 9(HPUE)-Linearity Data for State 6/7</b>			<b>FR1 n77 Par270Q_Ant 7(HPUE)-Linearity Data for State 8</b>		
	FR1 n77 (Power Class 3)	FR1 n77 (Power Class 2)		FR1 n77 (Power Class 3)	FR1 n77 (Power Class 2)
Maximum Tune up Power (dBm)	25.00	27.50	Maximum Tune up Power (dBm)	20.50	23.00
Reported 1g SAR (W/kg)	0.131	0.111	Reported 1g SAR (W/kg)	0.192	0.180
Duty Cycle	100.00%	50.00%	Duty Cycle	100.00%	50.00%
Frame Averaged (mW)	316.23	281.17	Frame Averaged (mW)	112.20	99.76
Linearity SAR (W/kg)	0.116		Linearity SAR (W/kg)	0.171	
% deviation from expected linearity		-4.70%	% deviation from expected linearity		5.44%
<b>FR1 n77 Par270_Ant 7(HPUE)-Linearity Data for State 6</b>			<b>FR1 n77 Par270_Ant 10(HPUE)-Linearity Data for State 8</b>		
	FR1 n77 (Power Class 3)	FR1 n77 (Power Class 2)		FR1 n77 (Power Class 3)	FR1 n77 (Power Class 2)
Maximum Tune up Power (dBm)	22.50	25.00	Maximum Tune up Power (dBm)	25.00	27.50
Reported 1g SAR (W/kg)	0.563	0.518	Reported 1g SAR (W/kg)	0.203	0.186
Duty Cycle	100.00%	50.00%	Duty Cycle	100.00%	50.00%
Frame Averaged (mW)	177.83	158.11	Frame Averaged (mW)	316.23	281.17
Linearity SAR (W/kg)	0.501		Linearity SAR (W/kg)	0.180	
% deviation from expected linearity		3.48%	% deviation from expected linearity		3.05%
<b>FR1 n77 Par270Q_Ant 7(HPUE)-Linearity Data for State 6</b>			<b>FR1 n77 Par270Q_Ant 10(HPUE)-Linearity Data for State 8</b>		
	FR1 n77 (Power Class 3)	FR1 n77 (Power Class 2)		FR1 n77 (Power Class 3)	FR1 n77 (Power Class 2)
Maximum Tune up Power (dBm)	22.50	25.00	Maximum Tune up Power (dBm)	25.00	27.50
Reported 1g SAR (W/kg)	1.186	1.095	Reported 1g SAR (W/kg)	0.113	0.097
Duty Cycle	100.00%	50.00%	Duty Cycle	100.00%	50.00%
Frame Averaged (mW)	177.83	158.11	Frame Averaged (mW)	316.23	281.17
Linearity SAR (W/kg)	1.055		Linearity SAR (W/kg)	0.100	





% deviation from expected linearity		3.84%	% deviation from expected linearity		-3.46%
<b>FR1 n77 Par270_Ant 7(HPUE)-Linearity Data for State 7</b>					
	FR1 n77 (Power Class 3)	FR1 n77 (Power Class 2)			
Maximum Tune up Power (dBm)	20.50	23.00			
Reported 1g SAR (W/kg)	0.383	0.360			
Duty Cycle	100.00%	50.00%			
Frame Averaged (mW)	112.20	99.76			
Linearity SAR (W/kg)	0.341				
% deviation from expected linearity		5.71%			
<b>FR1 n77 Par27Q_Ant 7(HPUE)-Linearity Data for State 7</b>					
	FR1 n77 (Power Class 3)	FR1 n77 (Power Class 2)			
Maximum Tune up Power (dBm)	20.50	23.00			
Reported 1g SAR (W/kg)	0.762	0.700			
Duty Cycle	100.00%	50.00%			
Frame Averaged (mW)	112.20	99.76			
Linearity SAR (W/kg)	0.678				
% deviation from expected linearity		3.32%			
<b>FR1 n77 Par27O_Ant 10(HPUE)-Linearity Data for State 6/7</b>					
	FR1 n77 (Power Class 3)	FR1 n77 (Power Class 2)			
Maximum Tune up Power (dBm)	25.00	27.50			
Reported 1g SAR (W/kg)	0.090	0.083			
Duty Cycle	100.00%	50.00%			
Frame Averaged (mW)	316.23	281.17			
Linearity SAR (W/kg)	0.080				
% deviation from expected linearity		3.72%			
<b>FR1 n77 Par27Q_Ant 10(HPUE)-Linearity Data for State 6/7</b>					
	FR1 n77 (Power Class 3)	FR1 n77 (Power Class 2)			
Maximum Tune up Power (dBm)	25.00	27.50			
Reported 1g SAR (W/kg)	0.094	0.079			
Duty Cycle	100.00%	50.00%			
Frame Averaged (mW)	316.23	281.17			
Linearity SAR (W/kg)	0.084				
% deviation from expected linearity		-5.48%			

Body-worn			Extremity		
<b>LTE Band 41_Ant 1(HPUE)-Linearity Data for State 10/9</b>			<b>LTE Band 41_Ant 2(HPUE)-Linearity Data for State 10/9</b>		
	LTE Band 41 (Power Class 3)	LTE Band 41 (Power Class 2)		LTE Band 41 (Power Class 3)	LTE Band 41 (Power Class 2)
Maximum Tune up Power (dBm)	25.00	27.50	Maximum Tune up Power (dBm)	25.00	27.50
Reported 1g SAR (W/kg)	0.168	0.209	Reported 10g SAR (W/kg)	2.030	2.381
Duty Cycle	63.30%	43.30%	Duty Cycle	63.30%	43.30%
Frame Averaged (mW)	200.17	243.49	Frame Averaged (mW)	200.17	243.49
Linearity SAR (W/kg)	0.204		Linearity SAR (W/kg)	2.469	
% deviation from expected linearity		2.27%	% deviation from expected linearity		-3.58%
<b>LTE Band 41_Ant 2(HPUE)-Linearity Data for State 10/9</b>			<b>FR1 n41_Ant 2(HPUE)-Linearity Data for State 10/9</b>		
	LTE Band 41 (Power Class 3)	LTE Band 41 (Power Class 2)		FR1 n41 (Power Class 3)	FR1 n41 (Power Class 2)
Maximum Tune up Power (dBm)	25.00	27.50	Maximum Tune up Power (dBm)	23.50	26.00



Reported 1g SAR (W/kg)	0.210	0.250	Reported 10g SAR (W/kg)	2.724	2.567
Duty Cycle	63.30%	43.30%	Duty Cycle	100.00%	50.00%
Frame Averaged (mW)	200.17	243.49	Frame Averaged (mW)	223.87	199.05
Linearity SAR (W/kg)	0.255		Linearity SAR (W/kg)	2.422	
% deviation from expected linearity		-2.13%	% deviation from expected linearity		5.99%

**LTE Band 41\_Ant 8(HPUE)-Linearity Data for State 10/9**

	LTE Band 41 (Power Class 3)	LTE Band 41 (Power Class 2)
Maximum Tune up Power (dBm)	25.00	27.50
Reported 1g SAR (W/kg)	0.330	0.364
Duty Cycle	63.30%	43.30%
Frame Averaged (mW)	200.17	243.49
Linearity SAR (W/kg)	0.401	
% deviation from expected linearity		-9.32%

**LTE Band 41\_Ant 9(HPUE)-Linearity Data for State 10/9**

	LTE Band 41 (Power Class 3)	LTE Band 41 (Power Class 2)
Maximum Tune up Power (dBm)	25.00	27.50
Reported 1g SAR (W/kg)	0.040	0.047
Duty Cycle	63.30%	43.30%
Frame Averaged (mW)	200.17	243.49
Linearity SAR (W/kg)	0.049	
% deviation from expected linearity		-3.41%

**FR1 n41\_Ant 1(HPUE)-Linearity Data for DSI State 10/9**

	FR1 n41 (Power Class 3)	FR1 n41 (Power Class 2)
Maximum Tune up Power (dBm)	22.50	25.00
Reported 1g SAR (W/kg)	0.227	0.189
Duty Cycle	100.00%	50.00%
Frame Averaged (mW)	177.83	158.11
Linearity SAR (W/kg)	0.202	
% deviation from expected linearity		-6.36%

**FR1 n41\_Ant 2(HPUE)-Linearity Data for DSI State 10/9**

	FR1 n41 (Power Class 3)	FR1 n41 (Power Class 2)
Maximum Tune up Power (dBm)	23.50	26.00
Reported 1g SAR (W/kg)	0.443	0.360
Duty Cycle	100.00%	50.00%
Frame Averaged (mW)	223.87	199.05
Linearity SAR (W/kg)	0.394	
% deviation from expected linearity		-8.60%

**FR1 n41\_Ant 8(HPUE)-Linearity Data for DSI State 10/9**

	FR1 n41 (Power Class 3)	FR1 n41 (Power Class 2)
Maximum Tune up Power (dBm)	20.00	22.50
Reported 1g SAR (W/kg)	0.154	0.130
Duty Cycle	100.00%	50.00%
Frame Averaged (mW)	100.00	88.91
Linearity SAR (W/kg)	0.137	
% deviation from expected linearity		-5.06%

**FR1 n41\_Ant 9(HPUE)-Linearity Data for DSI State 10/9**

	FR1 n41 (Power Class 3)	FR1 n41 (Power Class 2)
Maximum Tune up Power (dBm)	20.00	22.50
Reported 1g SAR (W/kg)	0.154	0.130
Duty Cycle	100.00%	50.00%
Frame Averaged (mW)	100.00	88.91
Linearity SAR (W/kg)	0.137	
% deviation from expected linearity		-5.06%



	Class 3)	Class 2)
Maximum Tune up Power (dBm)	25.00	27.50
Reported 1g SAR (W/kg)	0.075	0.064
Duty Cycle	100.00%	50.00%
Frame Averaged (mW)	316.23	281.17
Linearity SAR (W/kg)	0.067	
% deviation from expected linearity		-4.03%
<b>FR1 n77 Par27O_Ant 8(HPUE)-Linearity Data for State 10/9</b>		
	FR1 n77 (Power Class 3)	FR1 n77 (Power Class 2)
Maximum Tune up Power (dBm)	21.00	23.50
Reported 1g SAR (W/kg)	0.097	0.088
Duty Cycle	100.00%	50.00%
Frame Averaged (mW)	125.89	111.94
Linearity SAR (W/kg)	0.086	
% deviation from expected linearity		2.03%
<b>FR1 n77 Par27Q_Ant 8(HPUE)-Linearity Data for State 10/9</b>		
	FR1 n77 (Power Class 3)	FR1 n77 (Power Class 2)
Maximum Tune up Power (dBm)	21.00	23.50
Reported 1g SAR (W/kg)	0.091	0.088
Duty Cycle	100.00%	50.00%
Frame Averaged (mW)	125.89	111.94
Linearity SAR (W/kg)	0.081	
% deviation from expected linearity		8.76%
<b>FR1 n77 Par27O_Ant 9(HPUE)-Linearity Data for State 10/9</b>		
	FR1 n77 (Power Class 3)	FR1 n77 (Power Class 2)
Maximum Tune up Power (dBm)	25.00	27.50
Reported 1g SAR (W/kg)	0.485	0.468
Duty Cycle	100.00%	50.00%
Frame Averaged (mW)	316.23	281.17
Linearity SAR (W/kg)	0.431	
% deviation from expected linearity		8.53%
<b>FR1 n77 Par27Q_Ant 9(HPUE)-Linearity Data for State 10/9</b>		
	FR1 n77 (Power Class 3)	FR1 n77 (Power Class 2)
Maximum Tune up Power (dBm)	25.00	27.50
Reported 1g SAR (W/kg)	0.633	0.599
Duty Cycle	100.00%	50.00%
Frame Averaged (mW)	316.23	281.17
Linearity SAR (W/kg)	0.563	
% deviation from expected linearity		6.43%
<b>FR1 n77 Par27O_Ant 7(HPUE)-Linearity Data for State 10/9</b>		
	FR1 n77 (Power Class 3)	FR1 n77 (Power Class 2)
Maximum Tune up Power (dBm)	25.00	27.50
Reported 1g SAR (W/kg)	0.232	0.226
Duty Cycle	100.00%	50.00%
Frame Averaged (mW)	316.23	281.17
Linearity SAR (W/kg)	0.206	
% deviation from expected linearity		9.56%
<b>FR1 n77 Par27Q_Ant 7(HPUE)-Linearity Data for State 10/9</b>		
	FR1 n77 (Power	FR1 n77 (Power



	Class 3)	Class 2)
Maximum Tune up Power (dBm)	25.00	27.50
Reported 1g SAR (W/kg)	0.154	0.133
Duty Cycle	100.00%	50.00%
Frame Averaged (mW)	316.23	281.17
Linearity SAR (W/kg)	0.137	
% deviation from expected linearity		-2.87%
<b>FR1 n77 Par27O_Ant 10(HPUE)-Linearity Data for State 10/9</b>		
	FR1 n77 (Power Class 3)	FR1 n77 (Power Class 2)
Maximum Tune up Power (dBm)	25.00	27.50
Reported 1g SAR (W/kg)	0.087	0.081
Duty Cycle	100.00%	50.00%
Frame Averaged (mW)	316.23	281.17
Linearity SAR (W/kg)	0.077	
% deviation from expected linearity		4.71%
<b>FR1 n77 Par27Q_Ant 10(HPUE)-Linearity Data for State 10/9</b>		
	FR1 n77 (Power Class 3)	FR1 n77 (Power Class 2)
Maximum Tune up Power (dBm)	25.00	27.50
Reported 1g SAR (W/kg)	0.052	0.043
Duty Cycle	100.00%	50.00%
Frame Averaged (mW)	316.23	281.17
Linearity SAR (W/kg)	0.046	
% deviation from expected linearity		-7.00%

<UL MIMO Mode>

Head			Hopspot		
<b>FR1 n41_Ant 1(HPUE)-Linearity Data for State 6/7</b>			<b>FR1 n41_Ant 1(HPUE)-Linearity Data for State 8</b>		
	LTE Band 41 (Power Class 3)	LTE Band 41 (Power Class 2)		FR1 n41 (Power Class 3)	FR1 n41 (Power Class 2)
Maximum Tune up Power (dBm)	22.00	24.50	Maximum Tune up Power (dBm)	22.00	24.50
Reported 1g SAR (W/kg)	0.121	0.104	Reported 1g SAR (W/kg)	0.576	0.518
Duty Cycle	100.00%	50.00%	Duty Cycle	100.00%	50.00%
Frame Averaged (mW)	158.49	140.92	Frame Averaged (mW)	158.49	140.92
Linearity SAR (W/kg)	0.108		Linearity SAR (W/kg)	0.512	
% deviation from expected linearity		-3.33%	% deviation from expected linearity		1.14%
<b>FR1 n41_Ant 2(HPUE)-Linearity Data for State 6/7</b>			<b>FR1 n41_Ant 2(HPUE)-Linearity Data for State 8</b>		
	LTE Band 41 (Power Class 3)	LTE Band 41 (Power Class 2)		FR1 n41 (Power Class 3)	FR1 n41 (Power Class 2)
Maximum Tune up Power (dBm)	16.50	19.00	Maximum Tune up Power (dBm)	16.50	19.00
Reported 1g SAR (W/kg)	0.669	0.610	Reported 1g SAR (W/kg)	0.556	0.515
Duty Cycle	100.00%	50.00%	Duty Cycle	100.00%	50.00%
Frame Averaged (mW)	44.67	39.72	Frame Averaged (mW)	44.67	39.72
Linearity SAR (W/kg)	0.595		Linearity SAR (W/kg)	0.494	
% deviation from expected linearity		2.55%	% deviation from expected linearity		4.17%
<b>FR1 n41_Ant 8(HPUE)-Linearity Data for State 6/7</b>			<b>FR1 n41_Ant 8(HPUE)-Linearity Data for State 8</b>		
	LTE Band 41 (Power Class 3)	LTE Band 41 (Power Class 2)		FR1 n41 (Power Class 3)	FR1 n41 (Power Class 2)
Maximum Tune up Power (dBm)	22.00	24.50	Maximum Tune up Power (dBm)	17.00	19.50
Reported 1g SAR (W/kg)	0.145	0.122	Reported 1g SAR (W/kg)	0.591	0.527



Duty Cycle	100.00%	50.00%	Duty Cycle	100.00%	50.00%
Frame Averaged (mW)	158.49	140.92	Frame Averaged (mW)	50.12	44.56
Linearity SAR (W/kg)	0.129		Linearity SAR (W/kg)	0.525	
% deviation from expected linearity		-5.37%	% deviation from expected linearity		0.29%
<b>FR1 n41_Ant 9(HPUE)-Linearity Data for State 6/7</b>			<b>FR1 n41_Ant 9(HPUE)-Linearity Data for State 8</b>		
	LTE Band 41 (Power Class 3)	LTE Band 41 (Power Class 2)		FR1 n41 (Power Class 3)	FR1 n41 (Power Class 2)
Maximum Tune up Power (dBm)	22.00	24.50	Maximum Tune up Power (dBm)	22.00	24.50
Reported 1g SAR (W/kg)	0.036	0.033	Reported 1g SAR (W/kg)	0.156	0.131
Duty Cycle	100.00%	50.00%	Duty Cycle	100.00%	50.00%
Frame Averaged (mW)	158.49	140.92	Frame Averaged (mW)	158.49	140.92
Linearity SAR (W/kg)	0.032		Linearity SAR (W/kg)	0.139	
% deviation from expected linearity		3.10%	% deviation from expected linearity		-5.56%

<b>Body-worn</b>			<b>Extremity</b>		
<b>FR1 n41_Ant 1(HPUE)-Linearity Data for State 10/9</b>			<b>FR1 n41_Ant 2(HPUE)-Linearity Data for State 10/9</b>		
	FR1 n41 (Power Class 3)	FR1 n41 (Power Class 2)		FR1 n41 (Power Class 3)	FR1 n41 (Power Class 2)
Maximum Tune up Power (dBm)	22.00	24.50	Maximum Tune up Power (dBm)	22.00	24.50
Reported 1g SAR (W/kg)	0.198	0.159	Reported 10g SAR (W/kg)	1.894	1.689
Duty Cycle	100.00%	50.00%	Duty Cycle	100.00%	50.00%
Frame Averaged (mW)	158.49	140.92	Frame Averaged (mW)	158.49	140.92
Linearity SAR (W/kg)	0.176		Linearity SAR (W/kg)	1.684	
% deviation from expected linearity		-9.68%	% deviation from expected linearity		0.30%
<b>FR1 n41_Ant 2(HPUE)-Linearity Data for State 10/9</b>					
	FR1 n41 (Power Class 3)	FR1 n41 (Power Class 2)			
Maximum Tune up Power (dBm)	22.00	24.50			
Reported 1g SAR (W/kg)	0.325	0.291			
Duty Cycle	100.00%	50.00%			
Frame Averaged (mW)	158.49	140.92			
Linearity SAR (W/kg)	0.289				
% deviation from expected linearity		0.70%			
<b>FR1 n41_Ant 8(HPUE)-Linearity Data for State 10/9</b>					
	FR1 n41 (Power Class 3)	FR1 n41 (Power Class 2)			
Maximum Tune up Power (dBm)	20.00	22.50			
Reported 1g SAR (W/kg)	0.231	0.187			
Duty Cycle	100.00%	50.00%			
Frame Averaged (mW)	100.00	88.91			
Linearity SAR (W/kg)	0.205				
% deviation from expected linearity		-8.95%			
<b>FR1 n41_Ant 9(HPUE)-Linearity Data for State 10/9</b>					
	FR1 n41 (Power Class 3)	FR1 n41 (Power Class 2)			
Maximum Tune up Power (dBm)	22.00	24.50			
Reported 1g SAR (W/kg)	0.064	0.055			
Duty Cycle	100.00%	50.00%			
Frame Averaged (mW)	158.49	140.92			
Linearity SAR (W/kg)	0.057				
% deviation from expected linearity		-3.35%			



### 15. Simultaneous Transmission Analysis

No.	Simultaneous Transmission Configurations	Portable Handset			
		Head	Body-worn	Hotspot	Product specific 10g SAR
1.	WWAN + WLAN 2.4GHz SISO	Yes	Yes	Yes	Yes
2.	WWAN + WLAN 2.4GHz MIMO	Yes	Yes	Yes	Yes
3.	WWAN + WLAN 5 or 6 GHz SISO	Yes	Yes	Yes	Yes
4.	WWAN + WLAN 5 or 6 GHz MIMO	Yes	Yes	Yes	Yes
5.	WWAN + BT (Chain0)	Yes	Yes	Yes	Yes
6.	WWAN + BT (Chain1)	Yes	Yes	Yes	Yes
7.	WWAN + BT MIMO	Yes	Yes	Yes	Yes
8.	WWAN + WLAN 5 or 6 GHz SISO + BT (Chain0)	Yes	Yes	Yes	Yes
9.	WWAN + WLAN 5 or 6 GHz SISO + BT (Chain1)	Yes	Yes	Yes	Yes
10.	WWAN + WLAN 2.4GHz SISO (Chain1) + BT (Chain0)	Yes	Yes	Yes	Yes
11.	WWAN + WLAN 5 or 6 GHz MIMO + BT (Chain0)	Yes	Yes	Yes	Yes
12.	WWAN + WLAN 5 or 6 GHz MIMO + BT (Chain1)	Yes	Yes	Yes	Yes
13.	WWAN + WLAN 2.4GHz SISO (Chain0) + WLAN 5 or 6 GHz (Chain1)	Yes	Yes	Yes	Yes
14.	WWAN + WLAN 5 or 6 GHz SISO (Chain0) + WLAN 2.4GHz SISO (Chain1)	Yes	Yes	Yes	Yes
15.	WWAN + WLAN 5 or 6 GHz SISO (Chain0) + WLAN 2.4GHz SISO (Chain1) + BT (Chain0)	Yes	Yes	Yes	Yes
16.	WWAN + WLAN 2.4GHz MIMO + WLAN 5 or 6 GHz MIMO	Yes	Yes	Yes	Yes
17.	WWAN + WLAN 2.4GHz SISO + NFC				Yes
18.	WWAN + WLAN 2.4GHz MIMO + NFC				Yes
19.	WWAN + WLAN 5 or 6 GHz SISO + NFC				Yes
20.	WWAN + WLAN 5 or 6 GHz MIMO + NFC				Yes
21.	WWAN + BT (Chain0) + NFC				Yes
22.	WWAN + BT (Chain1) + NFC				Yes
23.	WWAN + BT MIMO + NFC				Yes
24.	WWAN + WLAN 5 or 6 GHz SISO + BT (Chain0) + NFC				Yes
25.	WWAN + WLAN 5 or 6 GHz SISO + BT (Chain1) + NFC				Yes
26.	WWAN + WLAN 2.4GHz SISO (Chain1) + BT (Chain0) + NFC				Yes
27.	WWAN + WLAN 5 or 6 GHz MIMO + BT (Chain0) + NFC				Yes
28.	WWAN + WLAN 5 or 6 GHz MIMO + BT (Chain1) + NFC				Yes
29.	WWAN + WLAN 2.4GHz SISO (Chain0) + WLAN 5 or 6 GHz (Chain1) + NFC				Yes
30.	WWAN + WLAN 5 or 6 GHz SISO (Chain0) + WLAN 2.4GHz SISO (Chain1) + NFC				Yes
31.	WWAN + WLAN 5 or 6 GHz SISO (Chain0) + WLAN 2.4GHz SISO (Chain1) + BT (Chain0) + NFC				Yes
32.	WWAN + WLAN 2.4GHz MIMO + WLAN 5 or 6 GHz MIMO + NFC				Yes

**General Note:**

1. This device supports VoIP in GPRS, EGPRS, WCDMA, LTE and 5GNR (e.g. for 3rd-party VoIP), LTE supports VoLTE operation.
2. WWAN above includes 5G NR bands and EN-DC combination.
3. EUT will choose each GSM, WCDMA, LTE and 5GNR according to the network signal condition; therefore, they will not operate simultaneously at any moment.
4. This device 2.4GHz WLAN support hotspot operation and Bluetooth support tethering applications.
5. This device 5.2GHz WLAN/5.8GHz WLAN support hotspot operation, and 5.2GHz WLAN/5.8GHz WLAN supports WLAN Direct (GC/GO), and 5.3GHz / 5.5GHz supports WLAN Direct (GC only). WLAN 6GHz has no hotspot function.
6. According to the EUT characteristic, WLAN5GHz/6GHz and Bluetooth can transmit simultaneously, and WLAN 5GHz and WLAN 6GHz can't transmit simultaneously.
7. According to the EUT characteristic, 2.4GHz WLAN and Bluetooth share the same antenna, and they cannot transmit simultaneously.
8. According to the EUT characteristic, WLAN2.4GHz and WLAN5GHz/6GHz can transmit simultaneously.
9. According to the EUT characteristic, two Bluetooth antennas can transmit simultaneously with each other.
10. NFC can transmit simultaneously with other Radios in extremity exposure condition.
11. For 5GNR EN-DC mode, standalone SAR performed for 5GNR NSA band with the maximum power, EN-DC SAR summed EN-DC mode 5GNR standalone SAR and LTE standalone SAR, the result of EN-DC SAR is more



- conservatively.
12. 5G NR supports MIMO mode, MIMO SAR based on standalone SAR summed together as MIMO SAR.
  13. The maximum SAR summation is calculated based on the same configuration and test position.
  14. For simultaneous analysis, since the SAR summation of 3 transmitters can cover other combinations of 2 transmitters, therefore in this section did not additionally evaluate 2TX combination of simultaneous transmission.
  15. For standalone WWAN, always choose the highest SAR among all WWAN bands within the selected antenna for each exposure position to perform simultaneous transmission analysis with WLAN/BT. This is the worst co-located analysis and can represent each band.
  16. For co-located SAR with WWAN/Bluetooth, always choose higher SAR of WLAN 5GHz U-NII-1/2A/2C/3 and WLAN 6GHz U-NII-5/6/7/8, it is the worst co-located analysis and can represent each WLAN 5GHz band and each WLAN 6GHz band.
  17. For inter-band ULCA SAR co-located with WLAN/Bluetooth, choose the worst SAR among all LTE/NR bands within the selected antenna per each test position to do co-located with WLAN/Bluetooth. This is the worst co-located analysis and can represent each LTE/NR band.
  18. For EN-DC SAR co-located with WLAN/Bluetooth, choose the worst SAR among all LTE bands within the selected antenna per each test position and also the worst SAR of all 5G NR bands within the selected antenna to do co-located with WLAN/Bluetooth. This is the worst co-located analysis and can represent each LTE band and each 5G NR band.
  19. Per KDB 447498 D01v06, simultaneous transmission SAR is compliant if,
    - i) 1g Scalar SAR summation < 1.6W/kg and 10g Scalar SAR summation < 4.0W/kg.
    - ii)  $SPLSR = (SAR1 + SAR2)^{1.5} / (\text{min. separation distance, mm})$ , and the peak separation distance is determined from the square root of  $[(x1-x2)^2 + (y1-y2)^2 + (z1-z2)^2]$ , where (x1, y1, z1) and (x2, y2, z2) are the coordinates of the extrapolated peak SAR locations in the zoom scan.
    - iii) If  $SPLSR \leq 0.04$  for 1g SAR and  $SPLSR \leq 0.10$  for 10g SAR, simultaneous transmission SAR measurement is not necessary.
    - iv) Simultaneous transmission SAR measurement, and the reported multi-band 1g SAR < 1.6W/kg and 10g SAR < 4.0W/kg.
  20. The WLAN 6GHz Sim-Tx analysis guidance with other transmitters was based on SAR test results. The simultaneous transmission and test exemption analysis were compliant with KDB 447498 D01. For the device does not support FR2 or other MPE field measurement, therefore section 15 in the SAR report has no TER analysis according to KDB 987594 requirement.



15.1 Head Exposure Conditions

Normal Mode:

WWAN Band	Exposure Position	1	3	4	5	6	7	8	9	10	1+6+9+10	1+7+9+10	1+3+6	1+3+7	1+4+6+9	1+4+7+9	1+8+9+10	1+5+8	
		WWAN	WLAN2.4GHz Ant 5	WLAN2.4GHz Ant 4	WLAN2.4GHz Ant 5+4	WLAN5/6GHz Ant 5	WLAN5/6GHz Ant 4	WLAN5/6GHz Ant 5+4	Bluetooth Ant 5	Bluetooth Ant 4	Summed	Summed	Summed	Summed	Summed	Summed	Summed	Summed	Summed
		1g SAR (W/kg)	1g SAR (W/kg)	1g SAR (W/kg)	1g SAR (W/kg)	1g SAR (W/kg)	1g SAR (W/kg)	1g SAR (W/kg)	1g SAR (W/kg)	1g SAR (W/kg)	1g SAR (W/kg)	1g SAR (W/kg)	1g SAR (W/kg)	1g SAR (W/kg)	1g SAR (W/kg)	1g SAR (W/kg)	1g SAR (W/kg)	1g SAR (W/kg)	1g SAR (W/kg)
All Bands Ant 0	Right Cheek	0.373	0.351	0.155	0.253	0.396	0.109	0.261	0.251	0.184	1.20	0.92	1.12	0.83	1.18	0.89	1.07	0.89	
	Right Tilted	0.243	0.045	0.143	0.178	0.129	0.166	0.230	0.022	0.159	0.55	0.59	0.42	0.45	0.54	0.57	0.65	0.65	
	Left Cheek	0.259	0.093	0.402	0.397	0.208	0.397	0.411	0.079	0.552	1.10	1.29	0.56	0.75	0.95	1.14	1.30	1.07	
	Left Tilted	0.172	0.048	0.309	0.322	0.184	0.343	0.347	0.027	0.314	0.70	0.86	0.40	0.56	0.69	0.85	0.86	0.84	
All Bands Ant 1	Right Cheek	0.172	0.351	0.155	0.253	0.396	0.109	0.261	0.251	0.184	1.00	0.72	0.92	0.63	0.97	0.69	0.87	0.69	
	Right Tilted	0.152	0.045	0.143	0.178	0.129	0.166	0.230	0.022	0.159	0.46	0.50	0.33	0.36	0.45	0.48	0.56	0.56	
	Left Cheek	0.343	0.093	0.402	0.397	0.208	0.397	0.411	0.079	0.552	1.18	1.37	0.64	0.83	1.03	1.22	1.39	1.15	
	Left Tilted	0.158	0.048	0.309	0.322	0.184	0.343	0.347	0.027	0.314	0.68	0.84	0.39	0.55	0.68	0.84	0.85	0.83	
All Bands Ant 2	Right Cheek	0.726	0.351	0.155	0.253	0.396	0.109	0.261	0.251	0.184	1.56	1.27	1.47	1.19	1.53	1.24	1.42	1.24	
	Right Tilted	0.239	0.045	0.143	0.178	0.129	0.166	0.230	0.022	0.159	0.55	0.59	0.41	0.45	0.53	0.57	0.65	0.65	
	Left Cheek	0.351	0.093	0.402	0.397	0.208	0.397	0.411	0.079	0.552	1.19	1.38	0.65	0.84	1.04	1.23	1.39	1.16	
	Left Tilted	0.430	0.048	0.309	0.322	0.184	0.343	0.347	0.027	0.314	0.96	1.11	0.66	0.82	0.95	1.11	1.12	1.10	
All Bands Ant 7	Right Cheek	0.724	0.351	0.155	0.253	0.396	0.109	0.261	0.251	0.184	1.56	1.27	1.47	1.18	1.53	1.24	1.42	1.24	
	Right Tilted	0.831	0.045	0.143	0.178	0.129	0.166	0.230	0.022	0.159	1.14	1.18	1.01	1.04	1.13	1.16	1.24	1.24	
	Left Cheek	0.369	0.093	0.402	0.397	0.208	0.397	0.411	0.079	0.552	1.21	1.40	0.67	0.86	1.06	1.25	1.41	1.18	
	Left Tilted	0.515	0.048	0.309	0.322	0.184	0.343	0.347	0.027	0.314	1.04	1.20	0.75	0.91	1.04	1.19	1.20	1.18	
All Bands Ant 8	Right Cheek	0.315	0.351	0.155	0.253	0.396	0.109	0.261	0.251	0.184	1.15	0.86	1.06	0.78	1.12	0.83	1.01	0.83	
	Right Tilted	0.237	0.045	0.143	0.178	0.129	0.166	0.230	0.022	0.159	0.55	0.58	0.41	0.45	0.53	0.57	0.65	0.65	
	Left Cheek	0.551	0.093	0.402	0.397	0.208	0.397	0.411	0.079	0.552	1.39	1.58	0.85	1.04	1.24	1.43	1.59	1.36	
	Left Tilted	0.150	0.048	0.309	0.322	0.184	0.343	0.347	0.027	0.314	0.68	0.83	0.38	0.54	0.67	0.83	0.84	0.82	
All Bands Ant 9	Right Cheek	0.108	0.351	0.155	0.253	0.396	0.109	0.261	0.251	0.184	0.94	0.65	0.86	0.57	0.91	0.62	0.80	0.62	
	Right Tilted	0.044	0.045	0.143	0.178	0.129	0.166	0.230	0.022	0.159	0.35	0.39	0.22	0.26	0.34	0.38	0.46	0.45	
	Left Cheek	0.131	0.093	0.402	0.397	0.208	0.397	0.411	0.079	0.552	0.97	1.16	0.43	0.62	0.82	1.01	1.17	0.94	
	Left Tilted	0.029	0.048	0.309	0.322	0.184	0.343	0.347	0.027	0.314	0.55	0.71	0.26	0.42	0.55	0.71	0.72	0.70	
All Bands Ant 10	Right Cheek	0.212	0.351	0.155	0.253	0.396	0.109	0.261	0.251	0.184	1.04	0.76	0.96	0.67	1.01	0.73	0.91	0.73	
	Right Tilted	0.147	0.045	0.143	0.178	0.129	0.166	0.230	0.022	0.159	0.46	0.49	0.32	0.36	0.44	0.48	0.56	0.56	
	Left Cheek	0.336	0.093	0.402	0.397	0.208	0.397	0.411	0.079	0.552	1.18	1.36	0.64	0.83	1.03	1.21	1.38	1.14	
	Left Tilted	0.089	0.048	0.309	0.322	0.184	0.343	0.347	0.027	0.314	0.61	0.77	0.32	0.48	0.61	0.77	0.78	0.76	





<Inter CA Mode>

Normal Mode:

WWAN Band	WWAN Band	Exposure Position	1	2	3	4	5	6	7	8	9	10	1+2+6+9+10	1+2+7+9+10	1+2+3+6	1+2+3+7	1+2+4+6+9	1+2+4+7+9	1+2+8+9+10	1+2+5+8		
			WWAN	WWAN	WLAN 2.4GHz Ant 5	WLAN 2.4GHz Ant 4	WLAN 2.4GHz Ant 5+4	WLAN 5/6GHz Ant 5	WLAN 5/6GHz Ant 4	WLAN 5/6GHz Ant 5+4	Bluetooth Ant 5	Bluetooth Ant 4	Summed	Summed	Summed	Summed	Summed	Summed	Summed	Summed	Summed	Summed
			1g SAR (W/kg)	1g SAR (W/kg)	1g SAR (W/kg)	1g SAR (W/kg)	1g SAR (W/kg)	1g SAR (W/kg)	1g SAR (W/kg)	1g SAR (W/kg)	1g SAR (W/kg)	1g SAR (W/kg)	1g SAR (W/kg)	1g SAR (W/kg)	1g SAR (W/kg)	1g SAR (W/kg)	1g SAR (W/kg)	1g SAR (W/kg)	1g SAR (W/kg)	1g SAR (W/kg)	1g SAR (W/kg)	1g SAR (W/kg)
All Bands LTE Ant 0	All Bands LTE Ant 1	Right Cheek	0.142	0.084	0.351	0.155	0.253	0.396	0.109	0.261	0.251	0.184	1.06	0.77	0.97	0.69	1.03	0.74	0.92	0.74	0.74	
		Right Tilted	0.071	0.078	0.045	0.143	0.178	0.129	0.166	0.230	0.022	0.159	0.46	0.50	0.32	0.36	0.44	0.48	0.56	0.56	0.56	
		Left Cheek	0.074	0.171	0.093	0.402	0.397	0.208	0.397	0.411	0.079	0.552	1.08	1.27	0.55	0.74	0.93	1.12	1.29	1.05	1.05	
		Left Tilted	0.051	0.078	0.048	0.309	0.322	0.184	0.343	0.347	0.027	0.314	0.65	0.81	0.36	0.52	0.65	0.81	0.82	0.82	0.80	
All Bands LTE Ant 0	All Bands LTE Ant 2	Right Cheek	0.142	0.379	0.351	0.155	0.253	0.396	0.109	0.261	0.251	0.184	1.35	1.07	1.27	0.98	1.32	1.04	1.22	1.04	1.04	
		Right Tilted	0.071	0.119	0.045	0.143	0.178	0.129	0.166	0.230	0.022	0.159	0.50	0.54	0.36	0.40	0.48	0.52	0.60	0.60	0.60	
		Left Cheek	0.074	0.179	0.093	0.402	0.397	0.208	0.397	0.411	0.079	0.552	1.09	1.28	0.55	0.74	0.94	1.13	1.30	1.06	1.06	
		Left Tilted	0.051	0.078	0.048	0.309	0.322	0.184	0.343	0.347	0.027	0.314	0.65	0.81	0.36	0.52	0.65	0.81	0.82	0.82	0.80	
All Bands LTE Ant 1	All Bands LTE Ant 2	Right Cheek	0.084	0.379	0.351	0.155	0.253	0.396	0.109	0.261	0.251	0.184	1.29	1.01	1.21	0.92	1.27	0.98	1.16	0.98	0.98	
		Right Tilted	0.078	0.119	0.045	0.143	0.178	0.129	0.166	0.230	0.022	0.159	0.51	0.54	0.37	0.41	0.49	0.53	0.61	0.61	0.61	
		Left Cheek	0.171	0.179	0.093	0.402	0.397	0.208	0.397	0.411	0.079	0.552	1.19	1.38	0.65	0.84	1.04	1.23	1.39	1.16	1.16	
		Left Tilted	0.078	0.078	0.048	0.309	0.322	0.184	0.343	0.347	0.027	0.314	0.68	0.84	0.39	0.55	0.68	0.84	0.84	0.84	0.83	
All Bands LTE Ant 1	All Bands LTE Ant 7	Right Cheek	0.084	0.381	0.351	0.155	0.253	0.396	0.109	0.261	0.251	0.184	1.30	1.01	1.21	0.93	1.27	0.98	1.16	0.98	0.98	
		Right Tilted	0.078	0.326	0.045	0.143	0.178	0.129	0.166	0.230	0.022	0.159	0.71	0.75	0.58	0.62	0.70	0.74	0.82	0.81	0.81	
		Left Cheek	0.171	0.227	0.093	0.402	0.397	0.208	0.397	0.411	0.079	0.552	1.24	1.43	0.70	0.89	1.09	1.28	1.44	1.21	1.21	
		Left Tilted	0.078	0.282	0.048	0.309	0.322	0.184	0.343	0.347	0.027	0.314	0.89	1.04	0.59	0.75	0.88	1.04	1.05	1.03	1.03	
All Bands LTE Ant 2	All Bands LTE Ant 7	Right Cheek	0.379	0.381	0.351	0.155	0.253	0.396	0.109	0.261	0.251	0.184	1.59	1.30	1.51	1.22	1.56	1.28	1.46	1.27	1.27	
		Right Tilted	0.119	0.326	0.045	0.143	0.178	0.129	0.166	0.230	0.022	0.159	0.76	0.79	0.62	0.66	0.74	0.78	0.86	0.85	0.85	
		Left Cheek	0.179	0.227	0.093	0.402	0.397	0.208	0.397	0.411	0.079	0.552	1.25	1.43	0.71	0.90	1.10	1.28	1.45	1.21	1.21	
		Left Tilted	0.078	0.282	0.048	0.309	0.322	0.184	0.343	0.347	0.027	0.314	0.89	1.04	0.59	0.75	0.88	1.04	1.05	1.03	1.03	

FR1	FR1	Exposure Position	1	2	3	4	5	6	7	8	9	10	1+2+6+9+10	1+2+7+9+10	1+2+3+6	1+2+3+7	1+2+4+6+9	1+2+4+7+9	1+2+8+9+10	1+2+5+8		
			FR1	FR1	WLAN 2.4GHz Ant 5	WLAN 2.4GHz Ant 4	WLAN 2.4GHz Ant 5+4	WLAN 5/6GHz Ant 5	WLAN 5/6GHz Ant 4	WLAN 5/6GHz Ant 5+4	Bluetooth Ant 5	Bluetooth Ant 4	Summed	Summed	Summed	Summed	Summed	Summed	Summed	Summed	Summed	Summed
			1g SAR (W/kg)	1g SAR (W/kg)	1g SAR (W/kg)	1g SAR (W/kg)	1g SAR (W/kg)	1g SAR (W/kg)	1g SAR (W/kg)	1g SAR (W/kg)	1g SAR (W/kg)	1g SAR (W/kg)	1g SAR (W/kg)	1g SAR (W/kg)	1g SAR (W/kg)	1g SAR (W/kg)	1g SAR (W/kg)	1g SAR (W/kg)	1g SAR (W/kg)	1g SAR (W/kg)	1g SAR (W/kg)	1g SAR (W/kg)
All Bands FR1 Ant 0	All Bands FR1 Ant 1	Right Cheek	0.173	0.091	0.351	0.155	0.253	0.396	0.109	0.261	0.251	0.184	1.10	0.81	1.01	0.72	1.07	0.78	0.96	0.78	0.78	
		Right Tilted	0.089	0.068	0.045	0.143	0.178	0.129	0.166	0.230	0.022	0.159	0.47	0.50	0.33	0.37	0.45	0.49	0.57	0.57	0.57	
		Left Cheek	0.094	0.184	0.093	0.402	0.397	0.208	0.397	0.411	0.079	0.552	1.12	1.31	0.58	0.77	0.97	1.16	1.32	1.09	1.09	
		Left Tilted	0.070	0.072	0.048	0.309	0.322	0.184	0.343	0.347	0.027	0.314	0.67	0.83	0.37	0.53	0.66	0.82	0.83	0.81	0.81	
All Bands FR1 Ant 0	All Bands FR1 Ant 2	Right Cheek	0.173	0.381	0.351	0.155	0.253	0.396	0.109	0.261	0.251	0.184	1.39	1.10	1.30	1.01	1.36	1.07	1.25	1.07	1.07	
		Right Tilted	0.089	0.126	0.045	0.143	0.178	0.129	0.166	0.230	0.022	0.159	0.53	0.56	0.39	0.43	0.51	0.55	0.63	0.62	0.62	
		Left Cheek	0.094	0.197	0.093	0.402	0.397	0.208	0.397	0.411	0.079	0.552	1.13	1.32	0.59	0.78	0.98	1.17	1.33	1.10	1.10	
		Left Tilted	0.070	0.076	0.048	0.309	0.322	0.184	0.343	0.347	0.027	0.314	0.67	0.83	0.38	0.54	0.67	0.83	0.83	0.83	0.82	
All Bands FR1 Ant 0	All Bands FR1 Ant 7	Right Cheek	0.173	0.381	0.351	0.155	0.253	0.396	0.109	0.261	0.251	0.184	1.39	1.10	1.30	1.01	1.36	1.07	1.25	1.07	1.07	
		Right Tilted	0.089	0.380	0.045	0.143	0.178	0.129	0.166	0.230	0.022	0.159	0.78	0.82	0.64	0.68	0.76	0.80	0.88	0.88	0.88	
		Left Cheek	0.094	0.168	0.093	0.402	0.397	0.208	0.397	0.411	0.079	0.552	1.10	1.29	0.56	0.75	0.95	1.14	1.30	1.07	1.07	
		Left Tilted	0.070	0.218	0.048	0.309	0.322	0.184	0.343	0.347	0.027	0.314	0.81	0.97	0.52	0.68	0.81	0.97	0.98	0.98	0.96	
All Bands FR1 Ant 0	All Bands FR1 Ant 8	Right Cheek	0.173	0.168	0.351	0.155	0.253	0.396	0.109	0.261	0.251	0.184	1.17	0.89	1.09	0.80	1.14	0.86	1.04	0.86	0.86	
		Right Tilted	0.089	0.118	0.045	0.143	0.178	0.129	0.166	0.230	0.022	0.159	0.52	0.55	0.38	0.42	0.50	0.54	0.62	0.62	0.62	
		Left Cheek	0.094	0.279	0.093	0.402	0.397	0.208	0.397	0.411	0.079	0.552	1.21	1.40	0.67	0.86	1.06	1.25	1.42	1.18	1.18	
		Left Tilted	0.070	0.082	0.048	0.309	0.322	0.184	0.343	0.347	0.027	0.314	0.68	0.84	0.38	0.54	0.67	0.83	0.84	0.84	0.82	
All Bands FR1 Ant 0	All Bands FR1 Ant 9	Right Cheek	0.173	0.055	0.351	0.155	0.253	0.396	0.109	0.261	0.251	0.184	1.06	0.77	0.98	0.69	1.03	0.74	0.92	0.74	0.74	
		Right Tilted	0.089	0.019	0.045	0.143	0.178	0.129	0.166	0.230	0.022	0.159	0.42	0.46	0.28	0.32	0.40	0.44	0.52	0.52	0.52	
		Left Cheek	0.094	0.072	0.093	0.402	0.397	0.208	0.397	0.411	0.079	0.552	1.01	1.19	0.47	0.66	0.86	1.04	1.21	0.97	0.97	
		Left Tilted	0.070	0.014	0.048	0.309	0.322	0.184	0.343	0.347	0.027	0.314	0.61	0.77	0.32	0.48	0.60	0.76	0.77	0.75	0.75	
All Bands FR1 Ant 0	All Bands FR1 Ant 10	Right Cheek	0.173	0.027	0.351	0.155	0.253	0.396	0.109	0.261	0.251	0.184	1.03	0.74	0.95	0.66	1.00	0.72	0.90	0.71	0.71	
		Right Tilted	0.089	0.017	0.045	0.143	0.178	0.129	0.166	0.230	0.022	0.159	0.42	0.45	0.28	0.32	0.40	0.44	0.52	0.51	0.51	
		Left Cheek	0.094	0.049	0.093	0.402	0.397	0.208	0.397	0.411	0.079	0.552	0.98	1.17	0.44	0.63	0.83	1.02	1.19	0.95	0.95	
		Left Tilted	0.070	0.014	0.048	0.309	0.322	0.184	0.343	0.347	0.027	0.314	0.61	0.77	0.32	0.48	0.60	0.76	0.77	0.75	0.75	



**FCC SAR Test Report**

**Report No. : FA391308**

		Left Tilted	0.070	0.013	0.048	0.309	0.322	0.184	0.343	0.347	0.027	0.314	0.61	0.77	0.32	0.47	0.60	0.76	0.77	0.75
All Bands FR1 Ant 1	All Bands FR1 Ant 2	Right Cheek	0.091	0.381	0.351	0.155	0.253	0.396	0.109	0.261	0.251	0.184	1.30	1.02	1.22	0.93	1.27	0.99	1.17	0.99
		Right Tilted	0.068	0.126	0.045	0.143	0.178	0.129	0.166	0.230	0.022	0.159	0.50	0.54	0.37	0.41	0.49	0.53	0.61	0.60
		Left Cheek	0.184	0.197	0.093	0.402	0.397	0.208	0.397	0.411	0.079	0.552	1.22	1.41	0.68	0.87	1.07	1.26	1.42	1.19
		Left Tilted	0.072	0.076	0.048	0.309	0.322	0.184	0.343	0.347	0.027	0.314	0.67	0.83	0.38	0.54	0.67	0.83	0.84	0.82
All Bands FR1 Ant 1	All Bands FR1 Ant 7	Right Cheek	0.091	0.381	0.351	0.155	0.253	0.396	0.109	0.261	0.251	0.184	1.30	1.02	1.22	0.93	1.27	0.99	1.17	0.99
		Right Tilted	0.068	0.380	0.045	0.143	0.178	0.129	0.166	0.230	0.022	0.159	0.76	0.80	0.62	0.66	0.74	0.78	0.86	0.86
		Left Cheek	0.184	0.168	0.093	0.402	0.397	0.208	0.397	0.411	0.079	0.552	1.19	1.38	0.65	0.84	1.04	1.23	1.39	1.16
		Left Tilted	0.072	0.218	0.048	0.309	0.322	0.184	0.343	0.347	0.027	0.314	0.82	0.97	0.52	0.68	0.81	0.97	0.98	0.96
All Bands FR1 Ant 1	All Bands FR1 Ant 8	Right Cheek	0.091	0.168	0.351	0.155	0.253	0.396	0.109	0.261	0.251	0.184	1.09	0.80	1.01	0.72	1.06	0.77	0.96	0.77
		Right Tilted	0.068	0.118	0.045	0.143	0.178	0.129	0.166	0.230	0.022	0.159	0.50	0.53	0.36	0.40	0.48	0.52	0.60	0.59
		Left Cheek	0.184	0.279	0.093	0.402	0.397	0.208	0.397	0.411	0.079	0.552	1.30	1.49	0.76	0.95	1.15	1.34	1.51	1.27
		Left Tilted	0.072	0.082	0.048	0.309	0.322	0.184	0.343	0.347	0.027	0.314	0.68	0.84	0.39	0.55	0.67	0.83	0.84	0.82
All Bands FR1 Ant 1	All Bands FR1 Ant 9	Right Cheek	0.091	0.055	0.351	0.155	0.253	0.396	0.109	0.261	0.251	0.184	0.98	0.69	0.89	0.61	0.95	0.66	0.84	0.66
		Right Tilted	0.068	0.019	0.045	0.143	0.178	0.129	0.166	0.230	0.022	0.159	0.40	0.43	0.26	0.30	0.38	0.42	0.50	0.50
		Left Cheek	0.184	0.072	0.093	0.402	0.397	0.208	0.397	0.411	0.079	0.552	1.10	1.28	0.56	0.75	0.95	1.13	1.30	1.06
		Left Tilted	0.072	0.014	0.048	0.309	0.322	0.184	0.343	0.347	0.027	0.314	0.61	0.77	0.32	0.48	0.61	0.77	0.77	0.76
All Bands FR1 Ant 1	All Bands FR1 Ant 10	Right Cheek	0.091	0.027	0.351	0.155	0.253	0.396	0.109	0.261	0.251	0.184	0.95	0.66	0.87	0.58	0.92	0.63	0.81	0.63
		Right Tilted	0.068	0.017	0.045	0.143	0.178	0.129	0.166	0.230	0.022	0.159	0.40	0.43	0.26	0.30	0.38	0.42	0.50	0.49
		Left Cheek	0.184	0.049	0.093	0.402	0.397	0.208	0.397	0.411	0.079	0.552	1.07	1.26	0.53	0.72	0.92	1.11	1.28	1.04
		Left Tilted	0.072	0.013	0.048	0.309	0.322	0.184	0.343	0.347	0.027	0.314	0.61	0.77	0.32	0.48	0.61	0.76	0.77	0.75
All Bands FR1 Ant 2	All Bands FR1 Ant 7	Right Cheek	0.381	0.381	0.351	0.155	0.253	0.396	0.109	0.261	0.251	0.184	1.59	1.31	1.51	1.22	1.56	1.28	1.46	1.28
		Right Tilted	0.126	0.380	0.045	0.143	0.178	0.129	0.166	0.230	0.022	0.159	0.82	0.85	0.68	0.72	0.80	0.84	0.92	0.91
		Left Cheek	0.197	0.168	0.093	0.402	0.397	0.208	0.397	0.411	0.079	0.552	1.20	1.39	0.67	0.86	1.05	1.24	1.41	1.17
		Left Tilted	0.076	0.218	0.048	0.309	0.322	0.184	0.343	0.347	0.027	0.314	0.82	0.98	0.53	0.69	0.81	0.97	0.98	0.96
All Bands FR1 Ant 2	All Bands FR1 Ant 8	Right Cheek	0.381	0.168	0.351	0.155	0.253	0.396	0.109	0.261	0.251	0.184	1.38	1.09	1.30	1.01	1.35	1.06	1.25	1.06
		Right Tilted	0.126	0.118	0.045	0.143	0.178	0.129	0.166	0.230	0.022	0.159	0.55	0.59	0.42	0.46	0.54	0.58	0.66	0.65
		Left Cheek	0.197	0.279	0.093	0.402	0.397	0.208	0.397	0.411	0.079	0.552	1.32	1.50	0.78	0.97	1.17	1.35	1.52	1.28
		Left Tilted	0.076	0.082	0.048	0.309	0.322	0.184	0.343	0.347	0.027	0.314	0.68	0.84	0.39	0.55	0.68	0.84	0.85	0.83
All Bands FR1 Ant 2	All Bands FR1 Ant 9	Right Cheek	0.381	0.055	0.351	0.155	0.253	0.396	0.109	0.261	0.251	0.184	1.27	0.98	1.18	0.90	1.24	0.95	1.13	0.95
		Right Tilted	0.126	0.019	0.045	0.143	0.178	0.129	0.166	0.230	0.022	0.159	0.46	0.49	0.32	0.36	0.44	0.48	0.56	0.55
		Left Cheek	0.197	0.072	0.093	0.402	0.397	0.208	0.397	0.411	0.079	0.552	1.11	1.30	0.57	0.76	0.96	1.15	1.31	1.08
		Left Tilted	0.076	0.014	0.048	0.309	0.322	0.184	0.343	0.347	0.027	0.314	0.62	0.77	0.32	0.48	0.61	0.77	0.78	0.76
All Bands FR1 Ant 2	All Bands FR1 Ant 10	Right Cheek	0.381	0.027	0.351	0.155	0.253	0.396	0.109	0.261	0.251	0.184	1.24	0.95	1.16	0.87	1.21	0.92	1.10	0.92
		Right Tilted	0.126	0.017	0.045	0.143	0.178	0.129	0.166	0.230	0.022	0.159	0.45	0.49	0.32	0.35	0.44	0.47	0.55	0.55
		Left Cheek	0.197	0.049	0.093	0.402	0.397	0.208	0.397	0.411	0.079	0.552	1.09	1.27	0.55	0.74	0.94	1.12	1.29	1.05
		Left Tilted	0.076	0.013	0.048	0.309	0.322	0.184	0.343	0.347	0.027	0.314	0.61	0.77	0.32	0.48	0.61	0.77	0.78	0.76
All Bands FR1 Ant 7	All Bands FR1 Ant 8	Right Cheek	0.381	0.168	0.351	0.155	0.253	0.396	0.109	0.261	0.251	0.184	1.38	1.09	1.30	1.01	1.35	1.06	1.25	1.06
		Right Tilted	0.380	0.118	0.045	0.143	0.178	0.129	0.166	0.230	0.022	0.159	0.81	0.85	0.67	0.71	0.79	0.83	0.91	0.91
		Left Cheek	0.168	0.279	0.093	0.402	0.397	0.208	0.397	0.411	0.079	0.552	1.29	1.48	0.75	0.94	1.14	1.33	1.49	1.26
		Left Tilted	0.218	0.082	0.048	0.309	0.322	0.184	0.343	0.347	0.027	0.314	0.83	0.98	0.53	0.69	0.82	0.98	0.99	0.97
All Bands FR1 Ant 7	All Bands FR1 Ant 9	Right Cheek	0.381	0.055	0.351	0.155	0.253	0.396	0.109	0.261	0.251	0.184	1.27	0.98	1.18	0.90	1.24	0.95	1.13	0.95
		Right Tilted	0.380	0.019	0.045	0.143	0.178	0.129	0.166	0.230	0.022	0.159	0.71	0.75	0.57	0.61	0.69	0.73	0.81	0.81
		Left Cheek	0.168	0.072	0.093	0.402	0.397	0.208	0.397	0.411	0.079	0.552	1.08	1.27	0.54	0.73	0.93	1.12	1.28	1.05
		Left Tilted	0.218	0.014	0.048	0.309	0.322	0.184	0.343	0.347	0.027	0.314	0.76	0.92	0.46	0.62	0.75	0.91	0.92	0.90



<ENDC Mode>

Normal Mode:

WWAN Band	FR1 Band	Exposure Position	1	2	1+2
			WWAN	FR1	Summed
			1g SAR (W/kg)	1g SAR (W/kg)	1g SAR (W/kg)
All Bands LTE Ant 0	All Bands FR1 Ant 1	Right Cheek	0.125	0.168	0.29
		Right Tilted	0.062	0.129	0.19
		Left Cheek	0.079	0.312	0.39
		Left Tilted	0.055	0.148	0.20
All Bands LTE Ant 0	All Bands FR1 Ant 2	Right Cheek	0.125	0.788	0.91
		Right Tilted	0.062	0.263	0.33
		Left Cheek	0.079	0.367	0.45
		Left Tilted	0.055	0.170	0.23
All Bands LTE Ant 0	All Bands FR1 Ant 7	Right Cheek	0.125	0.776	0.90
		Right Tilted	0.062	0.788	0.85
		Left Cheek	0.079	0.376	0.46
		Left Tilted	0.055	0.502	0.56
All Bands LTE Ant 0	All Bands FR1 Ant 8	Right Cheek	0.125	0.315	0.44
		Right Tilted	0.062	0.237	0.30
		Left Cheek	0.079	0.551	0.63
		Left Tilted	0.055	0.150	0.21
All Bands LTE Ant 0	All Bands FR1 Ant 9	Right Cheek	0.125	0.108	0.23
		Right Tilted	0.062	0.037	0.10
		Left Cheek	0.079	0.131	0.21
		Left Tilted	0.055	0.029	0.08
All Bands LTE Ant 0	All Bands FR1 Ant 10	Right Cheek	0.125	0.050	0.18
		Right Tilted	0.062	0.034	0.10
		Left Cheek	0.079	0.094	0.17
		Left Tilted	0.055	0.026	0.08
All Bands LTE Ant 1	All Bands FR1 Ant 0	Right Cheek	0.172	0.302	0.47
		Right Tilted	0.152	0.162	0.31
		Left Cheek	0.343	0.166	0.51
		Left Tilted	0.158	0.124	0.28
All Bands LTE Ant 1	All Bands FR1 Ant 2	Right Cheek	0.172	0.788	0.96
		Right Tilted	0.152	0.263	0.42
		Left Cheek	0.343	0.367	0.71
		Left Tilted	0.158	0.170	0.33
All Bands LTE Ant 1	All Bands FR1 Ant 7	Right Cheek	0.172	0.776	0.95
		Right Tilted	0.152	0.788	0.94
		Left Cheek	0.343	0.376	0.72
		Left Tilted	0.158	0.502	0.66
All Bands LTE Ant 1	All Bands FR1 Ant 8	Right Cheek	0.172	0.315	0.49
		Right Tilted	0.152	0.237	0.39
		Left Cheek	0.343	0.551	0.89
		Left Tilted	0.158	0.150	0.31
All Bands LTE Ant 1	All Bands FR1 Ant 9	Right Cheek	0.172	0.108	0.28
		Right Tilted	0.152	0.037	0.19
		Left Cheek	0.343	0.131	0.47
		Left Tilted	0.158	0.029	0.19
All Bands LTE Ant 1	All Bands FR1 Ant 10	Right Cheek	0.172	0.050	0.22
		Right Tilted	0.152	0.034	0.19
		Left Cheek	0.343	0.094	0.44
		Left Tilted	0.158	0.026	0.18
All Bands LTE Ant 2	All Bands FR1 Ant 0	Right Cheek	0.766	0.302	1.07
		Right Tilted	0.236	0.162	0.40
		Left Cheek	0.404	0.166	0.57



All Bands LTE Ant 2	All Bands FR1 Ant 1	Left Tilted	0.185	0.124	0.31
		Right Cheek	0.766	0.168	0.93
		Right Tilted	0.236	0.129	0.37
		Left Cheek	0.404	0.312	0.72
		Left Tilted	0.185	0.148	0.33
All Bands LTE Ant 2	All Bands FR1 Ant 7	Right Cheek	0.766	0.776	1.54
		Right Tilted	0.236	0.788	1.02
		Left Cheek	0.404	0.376	0.78
		Left Tilted	0.185	0.502	0.69
All Bands LTE Ant 2	All Bands FR1 Ant 8	Right Cheek	0.766	0.315	1.08
		Right Tilted	0.236	0.237	0.47
		Left Cheek	0.404	0.551	0.96
		Left Tilted	0.185	0.150	0.34
All Bands LTE Ant 2	All Bands FR1 Ant 9	Right Cheek	0.766	0.108	0.87
		Right Tilted	0.236	0.037	0.27
		Left Cheek	0.404	0.131	0.54
		Left Tilted	0.185	0.029	0.21
All Bands LTE Ant 2	All Bands FR1 Ant 10	Right Cheek	0.766	0.050	0.82
		Right Tilted	0.236	0.034	0.27
		Left Cheek	0.404	0.094	0.50
		Left Tilted	0.185	0.026	0.21

WWAN Band	FR1 Band	Exposure Position	1	2	1+2
			WWAN	FR1	Summed
			1g SAR (W/kg)	1g SAR (W/kg)	1g SAR (W/kg)
All Bands LTE Ant 7	All Bands FR1 Ant 1	Right Cheek	0.730	0.168	0.90
		Right Tilted	0.544	0.129	0.67
		Left Cheek	0.380	0.312	0.69
		Left Tilted	0.334	0.148	0.48
All Bands LTE Ant 7	All Bands FR1 Ant 2	Right Cheek	0.730	0.788	1.52
		Right Tilted	0.544	0.263	0.81
		Left Cheek	0.380	0.367	0.75
		Left Tilted	0.334	0.170	0.50



# FCC SAR Test Report

Report No. : FA391308

WWAN Band	FR1 Band	Exposure Position	1	2	3	4	5	6	7	8	9	10	1+2+6+9+10	1+2+7+9+10	1+2+3+6	1+2+3+7	1+2+4+6+9	1+2+4+7+9	1+2+8+9+10	1+2+5+8	
			WWAN	FR1	WLAN 2.4GHz Ant 5	WLAN 2.4GHz Ant 4	WLAN 2.4GHz Ant 5+4	WLAN5/6GHz Ant 5	WLAN5/6GHz Ant 4	WLAN5/6GHz Ant 5+4	Bluetooth Ant 5	Bluetooth Ant 4	Summed	Summed	Summed	Summed	Summed	Summed	Summed	Summed	Summed
			1g SAR (W/kg)	1g SAR (W/kg)	1g SAR (W/kg)	1g SAR (W/kg)	1g SAR (W/kg)	1g SAR (W/kg)	1g SAR (W/kg)	1g SAR (W/kg)	1g SAR (W/kg)	1g SAR (W/kg)	1g SAR (W/kg)	1g SAR (W/kg)	1g SAR (W/kg)	1g SAR (W/kg)	1g SAR (W/kg)	1g SAR (W/kg)	1g SAR (W/kg)	1g SAR (W/kg)	1g SAR (W/kg)
All Bands LTE Ant 0	All Bands FR1 Ant 1	Right Cheek	0.125	0.168	0.351	0.155	0.253	0.396	0.109	0.261	0.251	0.184	1.12	0.84	1.04	0.75	1.10	0.81	0.99	0.81	
		Right Tilted	0.062	0.129	0.045	0.143	0.178	0.129	0.166	0.230	0.022	0.159	0.50	0.54	0.37	0.40	0.49	0.52	0.60	0.60	
		Left Cheek	0.079	0.312	0.093	0.402	0.397	0.208	0.397	0.411	0.079	0.552	1.23	1.42	0.69	0.88	1.08	1.27	1.43	1.20	
		Left Tilted	0.055	0.148	0.048	0.309	0.322	0.184	0.343	0.347	0.027	0.314	0.73	0.89	0.44	0.59	0.72	0.88	0.89	0.87	
All Bands LTE Ant 0	All Bands FR1 Ant 2	Right Cheek	0.125	0.388	0.351	0.155	0.253	0.396	0.109	0.261	0.251	0.184	1.34	1.06	1.26	0.97	1.32	1.03	1.21	1.03	
		Right Tilted	0.062	0.162	0.045	0.143	0.178	0.129	0.166	0.230	0.022	0.159	0.53	0.57	0.40	0.44	0.52	0.56	0.64	0.63	
		Left Cheek	0.079	0.176	0.093	0.402	0.397	0.208	0.397	0.411	0.079	0.552	1.09	1.28	0.56	0.75	0.94	1.13	1.30	1.06	
		Left Tilted	0.055	0.097	0.048	0.309	0.322	0.184	0.343	0.347	0.027	0.314	0.68	0.84	0.38	0.54	0.67	0.83	0.84	0.82	
All Bands LTE Ant 0	All Bands FR1 Ant 7	Right Cheek	0.125	0.302	0.351	0.155	0.253	0.396	0.109	0.261	0.251	0.184	1.26	0.97	1.17	0.89	1.23	0.94	1.12	0.94	
		Right Tilted	0.062	0.340	0.045	0.143	0.178	0.129	0.166	0.230	0.022	0.159	0.71	0.75	0.58	0.61	0.70	0.73	0.81	0.81	
		Left Cheek	0.079	0.143	0.093	0.402	0.397	0.208	0.397	0.411	0.079	0.552	1.06	1.25	0.52	0.71	0.91	1.10	1.26	1.03	
		Left Tilted	0.055	0.183	0.048	0.309	0.322	0.184	0.343	0.347	0.027	0.314	0.76	0.92	0.47	0.63	0.76	0.92	0.93	0.91	
All Bands LTE Ant 0	All Bands FR1 Ant 8	Right Cheek	0.125	0.157	0.351	0.155	0.253	0.396	0.109	0.261	0.251	0.184	1.11	0.83	1.03	0.74	1.08	0.80	0.98	0.80	
		Right Tilted	0.062	0.118	0.045	0.143	0.178	0.129	0.166	0.230	0.022	0.159	0.49	0.53	0.35	0.39	0.47	0.51	0.59	0.59	
		Left Cheek	0.079	0.274	0.093	0.402	0.397	0.208	0.397	0.411	0.079	0.552	1.19	1.38	0.65	0.84	1.04	1.23	1.40	1.16	
		Left Tilted	0.055	0.075	0.048	0.309	0.322	0.184	0.343	0.347	0.027	0.314	0.66	0.81	0.36	0.52	0.65	0.81	0.82	0.80	
All Bands LTE Ant 0	All Bands FR1 Ant 9	Right Cheek	0.125	0.108	0.351	0.155	0.253	0.396	0.109	0.261	0.251	0.184	1.06	0.78	0.98	0.69	1.04	0.75	0.93	0.75	
		Right Tilted	0.062	0.037	0.045	0.143	0.178	0.129	0.166	0.230	0.022	0.159	0.41	0.45	0.27	0.31	0.39	0.43	0.51	0.51	
		Left Cheek	0.079	0.131	0.093	0.402	0.397	0.208	0.397	0.411	0.079	0.552	1.05	1.24	0.51	0.70	0.90	1.09	1.25	1.02	
		Left Tilted	0.055	0.029	0.048	0.309	0.322	0.184	0.343	0.347	0.027	0.314	0.61	0.77	0.32	0.48	0.60	0.76	0.77	0.75	
All Bands LTE Ant 0	All Bands FR1 Ant 10	Right Cheek	0.125	0.050	0.351	0.155	0.253	0.396	0.109	0.261	0.251	0.184	1.01	0.72	0.92	0.64	0.98	0.69	0.87	0.69	
		Right Tilted	0.062	0.034	0.045	0.143	0.178	0.129	0.166	0.230	0.022	0.159	0.41	0.44	0.27	0.31	0.39	0.43	0.51	0.50	
		Left Cheek	0.079	0.094	0.093	0.402	0.397	0.208	0.397	0.411	0.079	0.552	1.01	1.20	0.47	0.66	0.86	1.05	1.22	0.98	
		Left Tilted	0.055	0.026	0.048	0.309	0.322	0.184	0.343	0.347	0.027	0.314	0.61	0.77	0.31	0.47	0.60	0.76	0.77	0.75	
All Bands LTE Ant 1	All Bands FR1 Ant 0	Right Cheek	0.131	0.302	0.351	0.155	0.253	0.396	0.109	0.261	0.251	0.184	1.26	0.98	1.18	0.89	1.24	0.95	1.13	0.95	
		Right Tilted	0.115	0.162	0.045	0.143	0.178	0.129	0.166	0.230	0.022	0.159	0.59	0.62	0.45	0.49	0.57	0.61	0.69	0.69	
		Left Cheek	0.261	0.166	0.093	0.402	0.397	0.208	0.397	0.411	0.079	0.552	1.27	1.46	0.73	0.92	1.12	1.31	1.47	1.24	
		Left Tilted	0.120	0.124	0.048	0.309	0.322	0.184	0.343	0.347	0.027	0.314	0.77	0.93	0.48	0.64	0.76	0.92	0.93	0.91	
All Bands LTE Ant 1	All Bands FR1 Ant 2	Right Cheek	0.131	0.388	0.351	0.155	0.253	0.396	0.109	0.261	0.251	0.184	1.35	1.06	1.27	0.98	1.32	1.03	1.22	1.03	
		Right Tilted	0.115	0.162	0.045	0.143	0.178	0.129	0.166	0.230	0.022	0.159	0.59	0.62	0.45	0.49	0.57	0.61	0.69	0.69	
		Left Cheek	0.261	0.176	0.093	0.402	0.397	0.208	0.397	0.411	0.079	0.552	1.28	1.47	0.74	0.93	1.13	1.32	1.48	1.25	
		Left Tilted	0.120	0.097	0.048	0.309	0.322	0.184	0.343	0.347	0.027	0.314	0.74	0.90	0.45	0.61	0.74	0.90	0.91	0.89	
All Bands LTE Ant 1	All Bands FR1 Ant 7	Right Cheek	0.131	0.302	0.351	0.155	0.253	0.396	0.109	0.261	0.251	0.184	1.26	0.98	1.18	0.89	1.24	0.95	1.13	0.95	
		Right Tilted	0.115	0.340	0.045	0.143	0.178	0.129	0.166	0.230	0.022	0.159	0.77	0.80	0.63	0.67	0.75	0.79	0.87	0.86	
		Left Cheek	0.261	0.143	0.093	0.402	0.397	0.208	0.397	0.411	0.079	0.552	1.24	1.43	0.71	0.89	1.09	1.28	1.45	1.21	
		Left Tilted	0.120	0.183	0.048	0.309	0.322	0.184	0.343	0.347	0.027	0.314	0.83	0.99	0.54	0.69	0.82	0.98	0.99	0.97	
All Bands LTE Ant 1	All Bands FR1 Ant 8	Right Cheek	0.131	0.157	0.351	0.155	0.253	0.396	0.109	0.261	0.251	0.184	1.12	0.83	1.04	0.75	1.09	0.80	0.98	0.80	
		Right Tilted	0.115	0.118	0.045	0.143	0.178	0.129	0.166	0.230	0.022	0.159	0.54	0.58	0.41	0.44	0.53	0.56	0.64	0.64	
		Left Cheek	0.261	0.274	0.093	0.402	0.397	0.208	0.397	0.411	0.079	0.552	1.37	1.56	0.84	1.03	1.22	1.41	1.58	1.34	
		Left Tilted	0.120	0.075	0.048	0.309	0.322	0.184	0.343	0.347	0.027	0.314	0.72	0.88	0.43	0.59	0.72	0.87	0.88	0.86	
All Bands LTE Ant 1	All Bands FR1 Ant 9	Right Cheek	0.131	0.108	0.351	0.155	0.253	0.396	0.109	0.261	0.251	0.184	1.07	0.78	0.99	0.70	1.04	0.75	0.94	0.75	
		Right Tilted	0.115	0.037	0.045	0.143	0.178	0.129	0.166	0.230	0.022	0.159	0.46	0.50	0.33	0.36	0.45	0.48	0.56	0.56	
		Left Cheek	0.261	0.131	0.093	0.402	0.397	0.208	0.397	0.411	0.079	0.552	1.23	1.42	0.69	0.88	1.08	1.27	1.43	1.20	
		Left Tilted	0.120	0.029	0.048	0.309	0.322	0.184	0.343	0.347	0.027	0.314	0.67	0.83	0.38	0.54	0.67	0.83	0.84	0.82	
All Bands LTE Ant 1	All Bands FR1 Ant 10	Right Cheek	0.131	0.050	0.351	0.155	0.253	0.396	0.109	0.261	0.251	0.184	1.01	0.73	0.93	0.64	0.98	0.70	0.88	0.70	
		Right Tilted	0.115	0.034	0.045	0.143	0.178	0.129	0.166	0.230	0.022	0.159	0.46	0.50	0.32	0.36	0.44	0.48	0.56	0.56	
		Left Cheek	0.261	0.094	0.093	0.402	0.397	0.208	0.397	0.411	0.079	0.552	1.19	1.38	0.66	0.85	1.04	1.23	1.40	1.16	
		Left Tilted	0.120	0.026	0.048	0.309	0.322	0.184	0.343	0.347	0.027	0.314	0.67	0.83	0.38	0.54	0.67	0.83	0.83	0.82	
All Bands LTE Ant 2	All Bands FR1 Ant 0	Right Cheek	0.321	0.302	0.351	0.155	0.253	0.396	0.109	0.261	0.251	0.184	1.45	1.17	1.37	1.08	1.43	1.14	1.32	1.14	
		Right Tilted	0.096	0.162	0.045	0.143	0.178	0.129	0.166	0.230	0.022	0.159	0.57	0.61	0.43	0.47	0.55	0.59	0.67	0.67	
		Left Cheek	0.165	0.166	0.093	0.402	0.397	0.208	0.397	0.411	0.079	0.552	1.17	1.36	0.63	0.82	1.02	1.21	1.37	1.14	



All Bands LTE Ant 2	All Bands FR1 Ant 1	Left Tilted	0.185	0.124	0.048	0.309	0.322	0.184	0.343	0.347	0.027	0.314	0.83	0.99	0.54	0.70	0.83	0.99	1.00	0.98
		Right Cheek	0.321	0.168	0.351	0.155	0.253	0.396	0.109	0.261	0.251	0.184	1.32	1.03	1.24	0.95	1.29	1.00	1.19	1.00
		Right Tilted	0.096	0.129	0.045	0.143	0.178	0.129	0.166	0.230	0.022	0.159	0.54	0.57	0.40	0.44	0.52	0.56	0.64	0.63
		Left Cheek	0.165	0.312	0.093	0.402	0.397	0.208	0.397	0.411	0.079	0.552	1.32	1.51	0.78	0.97	1.17	1.36	1.52	1.29
All Bands LTE Ant 2	All Bands FR1 Ant 7	Left Tilted	0.185	0.148	0.048	0.309	0.322	0.184	0.343	0.347	0.027	0.314	0.86	1.02	0.57	0.72	0.85	1.01	1.02	1.00
		Right Cheek	0.321	0.302	0.351	0.155	0.253	0.396	0.109	0.261	0.251	0.184	1.45	1.17	1.37	1.08	1.43	1.14	1.32	1.14
		Right Tilted	0.096	0.340	0.045	0.143	0.178	0.129	0.166	0.230	0.022	0.159	0.75	0.78	0.61	0.65	0.73	0.77	0.85	0.84
		Left Cheek	0.165	0.143	0.093	0.402	0.397	0.208	0.397	0.411	0.079	0.552	1.15	1.34	0.61	0.80	1.00	1.19	1.35	1.12
All Bands LTE Ant 2	All Bands FR1 Ant 8	Left Tilted	0.185	0.183	0.048	0.309	0.322	0.184	0.343	0.347	0.027	0.314	0.89	1.05	0.60	0.76	0.89	1.05	1.06	1.04
		Right Cheek	0.321	0.157	0.351	0.155	0.253	0.396	0.109	0.261	0.251	0.184	1.31	1.02	1.23	0.94	1.28	0.99	1.17	0.99
		Right Tilted	0.096	0.118	0.045	0.143	0.178	0.129	0.166	0.230	0.022	0.159	0.52	0.56	0.39	0.43	0.51	0.55	0.63	0.62
		Left Cheek	0.165	0.274	0.093	0.402	0.397	0.208	0.397	0.411	0.079	0.552	1.28	1.47	0.74	0.93	1.13	1.32	1.48	1.25
All Bands LTE Ant 2	All Bands FR1 Ant 9	Left Tilted	0.185	0.075	0.048	0.309	0.322	0.184	0.343	0.347	0.027	0.314	0.79	0.94	0.49	0.65	0.78	0.94	0.95	0.93
		Right Cheek	0.321	0.108	0.351	0.155	0.253	0.396	0.109	0.261	0.251	0.184	1.26	0.97	1.18	0.89	1.23	0.94	1.13	0.94
		Right Tilted	0.096	0.037	0.045	0.143	0.178	0.129	0.166	0.230	0.022	0.159	0.44	0.48	0.31	0.34	0.43	0.46	0.54	0.54
		Left Cheek	0.165	0.131	0.093	0.402	0.397	0.208	0.397	0.411	0.079	0.552	1.14	1.32	0.60	0.79	0.99	1.17	1.34	1.10
All Bands LTE Ant 2	All Bands FR1 Ant 10	Left Tilted	0.185	0.029	0.048	0.309	0.322	0.184	0.343	0.347	0.027	0.314	0.74	0.90	0.45	0.61	0.73	0.89	0.90	0.88
		Right Cheek	0.321	0.050	0.351	0.155	0.253	0.396	0.109	0.261	0.251	0.184	1.20	0.92	1.12	0.83	1.17	0.89	1.07	0.89
		Right Tilted	0.096	0.034	0.045	0.143	0.178	0.129	0.166	0.230	0.022	0.159	0.44	0.48	0.30	0.34	0.42	0.46	0.54	0.54
		Left Cheek	0.165	0.094	0.093	0.402	0.397	0.208	0.397	0.411	0.079	0.552	1.10	1.29	0.56	0.75	0.95	1.14	1.30	1.07
		Left Tilted	0.185	0.026	0.048	0.309	0.322	0.184	0.343	0.347	0.027	0.314	0.74	0.90	0.44	0.60	0.73	0.89	0.90	0.88

WWAN Band	FR1 Band	Exposure Position	1	2	3	4	5	6	7	8	9	10	1+2+6+9+10	1+2+7+9+10	1+2+3+6	1+2+3+7	1+2+4+6+9	1+2+4+7+9	1+2+8+9+10	1+2+5+8		
			WWAN	FR1	WLAN 2.4GHz Ant 5	WLAN 2.4GHz Ant 4	WLAN 2.4GHz Ant 5+4	WLAN5 6GHz Ant 5	WLAN5 6GHz Ant 4	WLAN5 6GHz Ant 5+4	Bluetooth Ant 5	Bluetooth Ant 4	Summed	Summed	Summed	Summed	Summed	Summed	Summed	Summed	Summed	Summed
			1g SAR (W/kg)	1g SAR (W/kg)	1g SAR (W/kg)	1g SAR (W/kg)	1g SAR (W/kg)	1g SAR (W/kg)	1g SAR (W/kg)	1g SAR (W/kg)	1g SAR (W/kg)	1g SAR (W/kg)	1g SAR (W/kg)	1g SAR (W/kg)	1g SAR (W/kg)	1g SAR (W/kg)	1g SAR (W/kg)	1g SAR (W/kg)	1g SAR (W/kg)	1g SAR (W/kg)	1g SAR (W/kg)	1g SAR (W/kg)
All Bands LTE Ant 7	All Bands FR1 Ant 1	Right Cheek	0.369	0.168	0.351	0.155	0.253	0.396	0.109	0.261	0.251	0.184	1.37	1.08	1.28	1.00	1.34	1.05	1.23	1.05		
		Right Tilted	0.269	0.129	0.045	0.143	0.178	0.129	0.166	0.230	0.022	0.159	0.71	0.75	0.57	0.61	0.69	0.73	0.81	0.81		
		Left Cheek	0.173	0.312	0.093	0.402	0.397	0.208	0.397	0.411	0.079	0.552	1.32	1.51	0.79	0.98	1.17	1.36	1.53	1.29		
		Left Tilted	0.152	0.148	0.048	0.309	0.322	0.184	0.343	0.347	0.027	0.314	0.83	0.98	0.53	0.69	0.82	0.98	0.99	0.97		
All Bands LTE Ant 7	All Bands FR1 Ant 2	Right Cheek	0.369	0.388	0.351	0.155	0.253	0.396	0.109	0.261	0.251	0.184	1.59	1.30	1.50	1.22	1.56	1.27	1.45	1.27		
		Right Tilted	0.269	0.162	0.045	0.143	0.178	0.129	0.166	0.230	0.022	0.159	0.74	0.78	0.61	0.64	0.73	0.76	0.84	0.84		
		Left Cheek	0.173	0.176	0.093	0.402	0.397	0.208	0.397	0.411	0.079	0.552	1.19	1.38	0.65	0.84	1.04	1.23	1.39	1.16		
		Left Tilted	0.152	0.097	0.048	0.309	0.322	0.184	0.343	0.347	0.027	0.314	0.77	0.93	0.48	0.64	0.77	0.93	0.94	0.92		



<UL MIMO>

Normal Mode:

FR1 Band	FR1 Band	Exposure Position	1	2	1+2
			FR1	FR1	Summed
			1g SAR (W/kg)	1g SAR (W/kg)	1g SAR (W/kg)
FR1 n41 UL MIMO Ant 1	FR1 n41 UL MIMO Ant 8	Right Cheek	0.081	0.092	0.17
		Right Tilted	0.061	0.058	0.12
		Left Cheek	0.121	0.145	0.27
		Left Tilted	0.045	0.042	0.09
FR1 n41 UL MIMO Ant 1	FR1 n41 UL MIMO Ant 9	Right Cheek	0.081	0.022	0.10
		Right Tilted	0.061	0.013	0.07
		Left Cheek	0.121	0.036	0.16
		Left Tilted	0.045	0.008	0.05
FR1 n41 UL MIMO Ant 2	FR1 n41 UL MIMO Ant 8	Right Cheek	0.669	0.092	0.76
		Right Tilted	0.174	0.058	0.23
		Left Cheek	0.291	0.145	0.44
		Left Tilted	0.078	0.042	0.12
FR1 n41 UL MIMO Ant 2	FR1 n41 UL MIMO Ant 9	Right Cheek	0.669	0.022	0.69
		Right Tilted	0.174	0.013	0.19
		Left Cheek	0.291	0.036	0.33
		Left Tilted	0.078	0.008	0.09

FR1 Band	FR1 Band	Exposure Position	1	2	3	4	5	6	7	8	9	10	1+2+6+9+10	1+2+7+9+10	1+2+3+6	1+2+3+7	1+2+4+6+9	1+2+4+7+9	1+2+8+9+10	1+2+5+8	
			FR1	FR1	WLAN 2.4GHz Ant 5	WLAN 2.4GHz Ant 4	WLAN 2.4GHz Ant 5+4	WLAN5/6GHz Ant 5	WLAN5/6GHz Ant 4	WLAN5/6GHz Ant 5+4	Bluetooth Ant 5	Bluetooth Ant 4	Summed	Summed	Summed	Summed	Summed	Summed	Summed	Summed	Summed
			1g SAR (W/kg)	1g SAR (W/kg)	1g SAR (W/kg)	1g SAR (W/kg)	1g SAR (W/kg)	1g SAR (W/kg)	1g SAR (W/kg)	1g SAR (W/kg)	1g SAR (W/kg)	1g SAR (W/kg)	1g SAR (W/kg)	1g SAR (W/kg)	1g SAR (W/kg)	1g SAR (W/kg)	1g SAR (W/kg)	1g SAR (W/kg)	1g SAR (W/kg)	1g SAR (W/kg)	1g SAR (W/kg)
FR1 n41 UL MIMO Ant 1	FR1 n41 UL MIMO Ant 8	Right Cheek	0.081	0.092	0.351	0.155	0.253	0.396	0.109	0.261	0.251	0.184	1.00	0.72	0.92	0.63	0.98	0.69	0.87	0.69	
		Right Tilted	0.061	0.058	0.045	0.143	0.178	0.129	0.166	0.230	0.022	0.159	0.43	0.47	0.29	0.33	0.41	0.45	0.53	0.53	
		Left Cheek	0.121	0.145	0.093	0.402	0.397	0.208	0.397	0.411	0.079	0.552	1.11	1.29	0.57	0.76	0.96	1.14	1.31	1.07	
		Left Tilted	0.045	0.042	0.048	0.309	0.322	0.184	0.343	0.347	0.027	0.314	0.61	0.77	0.32	0.48	0.61	0.77	0.78	0.76	
FR1 n41 UL MIMO Ant 1	FR1 n41 UL MIMO Ant 9	Right Cheek	0.081	0.022	0.351	0.155	0.253	0.396	0.109	0.261	0.251	0.184	0.93	0.65	0.85	0.56	0.91	0.62	0.80	0.62	
		Right Tilted	0.061	0.013	0.045	0.143	0.178	0.129	0.166	0.230	0.022	0.159	0.38	0.42	0.25	0.29	0.37	0.41	0.49	0.48	
		Left Cheek	0.121	0.036	0.093	0.402	0.397	0.208	0.397	0.411	0.079	0.552	1.00	1.19	0.46	0.65	0.85	1.04	1.20	0.97	
		Left Tilted	0.045	0.008	0.048	0.309	0.322	0.184	0.343	0.347	0.027	0.314	0.58	0.74	0.29	0.44	0.57	0.73	0.74	0.72	
FR1 n41 UL MIMO Ant 2	FR1 n41 UL MIMO Ant 8	Right Cheek	0.669	0.092	0.351	0.155	0.253	0.396	0.109	0.261	0.251	0.184	1.59	1.31	1.51	1.22	1.56	1.28	1.46	1.28	
		Right Tilted	0.174	0.058	0.045	0.143	0.178	0.129	0.166	0.230	0.022	0.159	0.54	0.58	0.41	0.44	0.53	0.56	0.64	0.64	
		Left Cheek	0.291	0.145	0.093	0.402	0.397	0.208	0.397	0.411	0.079	0.552	1.28	1.46	0.74	0.93	1.13	1.31	1.48	1.24	
		Left Tilted	0.078	0.042	0.048	0.309	0.322	0.184	0.343	0.347	0.027	0.314	0.65	0.80	0.35	0.51	0.64	0.80	0.81	0.79	
FR1 n41 UL MIMO Ant 2	FR1 n41 UL MIMO Ant 9	Right Cheek	0.669	0.022	0.351	0.155	0.253	0.396	0.109	0.261	0.251	0.184	1.52	1.24	1.44	1.15	1.49	1.21	1.39	1.21	
		Right Tilted	0.174	0.013	0.045	0.143	0.178	0.129	0.166	0.230	0.022	0.159	0.50	0.53	0.36	0.40	0.48	0.52	0.60	0.60	
		Left Cheek	0.291	0.036	0.093	0.402	0.397	0.208	0.397	0.411	0.079	0.552	1.17	1.36	0.63	0.82	1.02	1.21	1.37	1.14	
		Left Tilted	0.078	0.008	0.048	0.309	0.322	0.184	0.343	0.347	0.027	0.314	0.61	0.77	0.32	0.48	0.61	0.77	0.77	0.76	



15.2 Hotspot Exposure Conditions

Normal Mode:

WWAN Band	Exposure Position	1	3	4	5	6	7	8	9	10	1+6+9+10	1+7+9+10	1+3+6	1+3+7	1+4+6+9	1+4+7+9	1+8+9+10	1+5+8
		WWAN 1g SAR (W/kg)	WLAN 2.4GHz Ant 5 1g SAR (W/kg)	WLAN 2.4GHz Ant 4 1g SAR (W/kg)	WLAN 2.4GHz Ant 5+4 1g SAR (W/kg)	WLAN5 6GHz Ant 5 1g SAR (W/kg)	WLAN5 6GHz Ant 4 1g SAR (W/kg)	WLAN5 6GHz Ant 5+4 1g SAR (W/kg)	Bluetooth Ant 5 1g SAR (W/kg)	Bluetooth Ant 4 1g SAR (W/kg)	Summed 1g SAR (W/kg)	Summed 1g SAR (W/kg)	Summed 1g SAR (W/kg)	Summed 1g SAR (W/kg)	Summed 1g SAR (W/kg)	Summed 1g SAR (W/kg)	Summed 1g SAR (W/kg)	Summed 1g SAR (W/kg)
All Bands Ant 0	Front	0.515	0.241	0.412	0.185	0.188	0.181	0.179	0.142	0.072	0.92	0.91	0.94	0.94	1.26	1.25	0.91	0.88
	Back	0.515	0.210	0.411	0.190	0.220	0.385	0.199	0.122	0.068	0.93	1.09	0.95	1.11	1.27	1.43	0.90	0.90
	Left side	0.105									0.11	0.11	0.11	0.11	0.11	0.11	0.11	0.11
	Right side	0.326	0.454	0.344	0.398	0.390	0.238	0.361	0.323	0.035	1.07	0.92	1.17	1.02	1.38	1.23	1.05	1.09
	Top side			0.351	0.108		0.434	0.140		0.024	0.02	0.46	0.00	0.43	0.35	0.79	0.16	0.25
	Bottom side	0.457									0.46	0.46	0.46	0.46	0.46	0.46	0.46	0.46
All Bands Ant 1	Front	0.544	0.241	0.412	0.185	0.188	0.181	0.179	0.142	0.072	0.95	0.94	0.97	0.97	1.29	1.28	0.94	0.91
	Back	0.665	0.210	0.411	0.190	0.220	0.385	0.199	0.122	0.068	1.08	1.24	1.10	1.26	1.42	1.58	1.05	1.05
	Left side	1.035									1.04	1.04	1.04	1.04	1.04	1.04	1.04	1.04
	Right side		0.454	0.344	0.398	0.390	0.238	0.361	0.323	0.035	0.75	0.60	0.84	0.69	1.06	0.91	0.72	0.76
	Top side			0.351	0.108		0.434	0.140		0.024	0.02	0.46	0.00	0.43	0.35	0.79	0.16	0.25
	Bottom side	0.778									0.78	0.78	0.78	0.78	0.78	0.78	0.78	0.78
All Bands Ant 2	Front	0.223	0.241	0.412	0.185	0.188	0.181	0.179	0.142	0.072	0.63	0.62	0.65	0.65	0.97	0.96	0.62	0.59
	Back	0.248	0.210	0.411	0.190	0.220	0.385	0.199	0.122	0.068	0.66	0.82	0.68	0.84	1.00	1.17	0.64	0.64
	Left side	0.674									0.67	0.67	0.67	0.67	0.67	0.67	0.67	0.67
	Right side		0.454	0.344	0.398	0.390	0.238	0.361	0.323	0.035	0.75	0.60	0.84	0.69	1.06	0.91	0.72	0.76
	Top side	0.067		0.351	0.108		0.434	0.140		0.024	0.09	0.53	0.07	0.50	0.42	0.85	0.23	0.32
	Bottom side										0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
All Bands Ant 7	Front	0.142	0.241	0.412	0.185	0.188	0.181	0.179	0.142	0.072	0.54	0.54	0.57	0.56	0.88	0.88	0.54	0.51
	Back	0.216	0.210	0.411	0.190	0.220	0.385	0.199	0.122	0.068	0.63	0.79	0.65	0.81	0.97	1.13	0.61	0.61
	Left side	0.110									0.11	0.11	0.11	0.11	0.11	0.11	0.11	0.11
	Right side		0.454	0.344	0.398	0.390	0.238	0.361	0.323	0.035	0.75	0.60	0.84	0.69	1.06	0.91	0.72	0.76
	Top side	0.413		0.351	0.108		0.434	0.140		0.024	0.44	0.87	0.41	0.85	0.76	1.20	0.58	0.66
	Bottom side										0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
All Bands Ant 8	Front	0.852	0.241	0.412	0.185	0.188	0.181	0.179	0.142	0.072	1.25	1.25	1.28	1.27	1.59	1.59	1.25	1.22
	Back	0.456	0.210	0.411	0.190	0.220	0.385	0.199	0.122	0.068	0.87	1.03	0.89	1.05	1.21	1.37	0.85	0.85
	Left side	1.186									1.19	1.19	1.19	1.19	1.19	1.19	1.19	1.19
	Right side		0.454	0.344	0.398	0.390	0.238	0.361	0.323	0.035	0.75	0.60	0.84	0.69	1.06	0.91	0.72	0.76
	Top side			0.351	0.108		0.434	0.140		0.024	0.02	0.46	0.00	0.43	0.35	0.79	0.16	0.25
	Bottom side										0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
All Bands Ant 9	Front	0.080	0.241	0.412	0.185	0.188	0.181	0.179	0.142	0.072	0.48	0.48	0.51	0.50	0.82	0.82	0.47	0.44
	Back	0.572	0.210	0.411	0.190	0.220	0.385	0.199	0.122	0.068	0.98	1.15	1.00	1.17	1.33	1.49	0.96	0.96
	Left side	0.074									0.07	0.07	0.07	0.07	0.07	0.07	0.07	0.07
	Right side		0.454	0.344	0.398	0.390	0.238	0.361	0.323	0.035	0.75	0.60	0.84	0.69	1.06	0.91	0.72	0.76
	Top side			0.351	0.108		0.434	0.140		0.024	0.02	0.46	0.00	0.43	0.35	0.79	0.16	0.25
	Bottom side	0.212									0.21	0.21	0.21	0.21	0.21	0.21	0.21	0.21
All Bands Ant 10	Front	0.082	0.241	0.412	0.185	0.188	0.181	0.179	0.142	0.072	0.48	0.48	0.51	0.50	0.82	0.82	0.48	0.45
	Back	0.203	0.210	0.411	0.190	0.220	0.385	0.199	0.122	0.068	0.61	0.78	0.63	0.80	0.96	1.12	0.59	0.59
	Left side	0.071									0.07	0.07	0.07	0.07	0.07	0.07	0.07	0.07
	Right side	0.096	0.454	0.344	0.398	0.390	0.238	0.361	0.323	0.035	0.84	0.69	0.94	0.79	1.15	1.00	0.82	0.86
	Top side			0.351	0.108		0.434	0.140		0.024	0.02	0.46	0.00	0.43	0.35	0.79	0.16	0.25
	Bottom side										0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00





Camera Mode:

WWAN Band	Exposure Position	1	3	4	5	6	7	8	9	10	1+6+9+10	1+7+9+10	1+3+6	1+3+7	1+4+6+9	1+4+7+9	1+8+9+10	1+5+8
		WWAN	WLAN 2.4GHz Ant 5	WLAN 2.4GHz Ant 6	WLAN 2.4GHz Ant 5+6	WLAN5/6GHz Ant 5	WLAN5/6GHz Ant 6	WLAN5/6GHz Ant 5+6	Bluetooth Ant 5	Bluetooth Ant 6	Summed	Summed	Summed	Summed	Summed	Summed	Summed	Summed
		1g SAR (W/kg)	1g SAR (W/kg)	1g SAR (W/kg)	1g SAR (W/kg)	1g SAR (W/kg)	1g SAR (W/kg)	1g SAR (W/kg)	1g SAR (W/kg)	1g SAR (W/kg)	1g SAR (W/kg)	1g SAR (W/kg)	1g SAR (W/kg)	1g SAR (W/kg)	1g SAR (W/kg)	1g SAR (W/kg)	1g SAR (W/kg)	1g SAR (W/kg)
All Bands Ant 0	Front	0.515	0.233	0.046	0.210	0.165	0.096	0.147	0.142	0.030	0.85	0.78	0.91	0.84	0.87	0.80	0.83	0.87
	Back	0.515	0.215	0.224	0.194	0.231	0.251	0.314	0.122	0.047	0.92	0.94	0.96	0.98	1.09	1.11	1.00	1.02
	Left side	0.105		0.120	0.113		0.270	0.194		0.022	0.13	0.40	0.11	0.38	0.23	0.50	0.32	0.41
	Right side	0.326	0.471		0.470	0.434		0.431	0.323		1.08	0.65	1.23	0.80	1.08	0.65	1.08	1.23
	Top side			0.064	0.039		0.154	0.138		0.013	0.01	0.17	0.00	0.15	0.06	0.22	0.15	0.18
	Bottom side	0.457									0.46	0.46	0.46	0.46	0.46	0.46	0.46	0.46
All Bands Ant 1	Front	0.544	0.233	0.046	0.210	0.165	0.096	0.147	0.142	0.030	0.88	0.81	0.94	0.87	0.90	0.83	0.86	0.90
	Back	0.665	0.215	0.224	0.194	0.231	0.251	0.314	0.122	0.047	1.07	1.09	1.11	1.13	1.24	1.26	1.15	1.17
	Left side	1.035		0.120	0.113		0.270	0.194		0.022	1.06	1.33	1.04	1.31	1.16	1.43	1.25	1.34
	Right side		0.471		0.470	0.434		0.431	0.323		0.76	0.32	0.91	0.47	0.76	0.32	0.75	0.90
	Top side			0.064	0.039		0.154	0.138		0.013	0.01	0.17	0.00	0.15	0.06	0.22	0.15	0.18
	Bottom side	0.778									0.78	0.78	0.78	0.78	0.78	0.78	0.78	0.78
All Bands Ant 2	Front	0.223	0.233	0.046	0.210	0.165	0.096	0.147	0.142	0.030	0.56	0.49	0.62	0.55	0.58	0.51	0.54	0.58
	Back	0.248	0.215	0.224	0.194	0.231	0.251	0.314	0.122	0.047	0.65	0.67	0.69	0.71	0.83	0.85	0.73	0.76
	Left side	0.674		0.120	0.113		0.270	0.194		0.022	0.70	0.97	0.67	0.94	0.79	1.06	0.89	0.98
	Right side		0.471		0.470	0.434		0.431	0.323		0.76	0.32	0.91	0.47	0.76	0.32	0.75	0.90
	Top side	0.067		0.064	0.039		0.154	0.138		0.013	0.08	0.23	0.07	0.22	0.13	0.29	0.22	0.24
	Bottom side										0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
All Bands Ant 7	Front	0.142	0.233	0.046	0.210	0.165	0.096	0.147	0.142	0.030	0.48	0.41	0.54	0.47	0.50	0.43	0.46	0.50
	Back	0.216	0.215	0.224	0.194	0.231	0.251	0.314	0.122	0.047	0.62	0.64	0.66	0.68	0.79	0.81	0.70	0.72
	Left side	0.110		0.120	0.113		0.270	0.194		0.022	0.13	0.40	0.11	0.38	0.23	0.50	0.33	0.42
	Right side		0.471		0.470	0.434		0.431	0.323		0.76	0.32	0.91	0.47	0.76	0.32	0.75	0.90
	Top side	0.413		0.064	0.039		0.154	0.138		0.013	0.43	0.58	0.41	0.57	0.48	0.63	0.56	0.59
	Bottom side										0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
All Bands Ant 8	Front	0.852	0.233	0.046	0.210	0.165	0.096	0.147	0.142	0.030	1.19	1.12	1.25	1.18	1.21	1.14	1.17	1.21
	Back	0.456	0.215	0.224	0.194	0.231	0.251	0.314	0.122	0.047	0.86	0.88	0.90	0.92	1.03	1.05	0.94	0.96
	Left side	1.186		0.120	0.113		0.270	0.194		0.022	1.21	1.48	1.19	1.46	1.31	1.58	1.40	1.49
	Right side		0.471		0.470	0.434		0.431	0.323		0.76	0.32	0.91	0.47	0.76	0.32	0.75	0.90
	Top side			0.064	0.039		0.154	0.138		0.013	0.01	0.17	0.00	0.15	0.06	0.22	0.15	0.18
	Bottom side										0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
All Bands Ant 9	Front	0.080	0.233	0.046	0.210	0.165	0.096	0.147	0.142	0.030	0.42	0.35	0.48	0.41	0.43	0.36	0.40	0.44
	Back	0.572	0.215	0.224	0.194	0.231	0.251	0.314	0.122	0.047	0.97	0.99	1.02	1.04	1.15	1.17	1.06	1.08
	Left side	0.074		0.120	0.113		0.270	0.194		0.022	0.10	0.37	0.07	0.34	0.19	0.46	0.29	0.38
	Right side		0.471		0.470	0.434		0.431	0.323		0.76	0.32	0.91	0.47	0.76	0.32	0.75	0.90
	Top side			0.064	0.039		0.154	0.138		0.013	0.01	0.17	0.00	0.15	0.06	0.22	0.15	0.18
	Bottom side	0.212									0.21	0.21	0.21	0.21	0.21	0.21	0.21	0.21
All Bands Ant 10	Front	0.082	0.233	0.046	0.210	0.165	0.096	0.147	0.142	0.030	0.42	0.35	0.48	0.41	0.44	0.37	0.40	0.44
	Back	0.203	0.215	0.224	0.194	0.231	0.251	0.314	0.122	0.047	0.60	0.62	0.65	0.67	0.78	0.80	0.69	0.71
	Left side	0.071		0.120	0.113		0.270	0.194		0.022	0.09	0.36	0.07	0.34	0.19	0.46	0.29	0.38
	Right side	0.096	0.471		0.470	0.434		0.431	0.323		0.85	0.42	1.00	0.57	0.85	0.42	0.85	1.00
	Top side			0.064	0.039		0.154	0.138		0.013	0.01	0.17	0.00	0.15	0.06	0.22	0.15	0.18
	Bottom side										0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00



<Inter CA Mode>

Normal Mode:

WWAN Band	WWAN Band	Exposure Position	1	2	3	4	5	6	7	8	9	10	1+2+6+9+10	1+2+7+9+10	1+2+3+6	1+2+3+7	1+2+4+6+9	1+2+4+7+9	1+2+8+9+10	1+2+5+8		
			WWAN	WWAN	WLAN 2.4GHz Ant 5	WLAN 2.4GHz Ant 4	WLAN 2.4GHz Ant 5+4	WLAN5 6GHz Ant 5	WLAN5 6GHz Ant 4	WLAN5 6GHz Ant 5+4	Bluetooth Ant 5	Bluetooth Ant 4	Summed	Summed	Summed	Summed	Summed	Summed	Summed	Summed	Summed	Summed
			1g SAR (W/kg)	1g SAR (W/kg)	1g SAR (W/kg)	1g SAR (W/kg)	1g SAR (W/kg)	1g SAR (W/kg)	1g SAR (W/kg)	1g SAR (W/kg)	1g SAR (W/kg)	1g SAR (W/kg)	1g SAR (W/kg)	1g SAR (W/kg)	1g SAR (W/kg)	1g SAR (W/kg)	1g SAR (W/kg)	1g SAR (W/kg)	1g SAR (W/kg)	1g SAR (W/kg)	1g SAR (W/kg)	1g SAR (W/kg)
All Bands LTE Ant 0	All Bands LTE Ant 1	Front	0.331	0.269	0.241	0.412	0.185	0.188	0.181	0.179	0.142	0.072	1.00	1.00	1.03	1.02	1.34	1.34	0.99	0.96		
		Back	0.357	0.292	0.210	0.411	0.190	0.220	0.385	0.199	0.122	0.068	1.06	1.22	1.08	1.24	1.40	1.57	1.04	1.04		
		Left side	0.054	0.414										0.47	0.47	0.47	0.47	0.47	0.47	0.47	0.47	
		Right side	0.159		0.454	0.344	0.398	0.390	0.238	0.361	0.323	0.035	0.91	0.76	1.00	0.85	1.22	1.06	0.88	0.92		
		Top side				0.351	0.108		0.434	0.140		0.024	0.02	0.46	0.00	0.43	0.35	0.79	0.16	0.25		
		Bottom side	0.320	0.318										0.64	0.64	0.64	0.64	0.64	0.64	0.64	0.64	
All Bands LTE Ant 0	All Bands LTE Ant 2	Front	0.331	0.169	0.241	0.412	0.185	0.188	0.181	0.179	0.142	0.072	0.90	0.90	0.93	0.92	1.24	1.24	0.89	0.86		
		Back	0.357	0.154	0.210	0.411	0.190	0.220	0.385	0.199	0.122	0.068	0.92	1.09	0.94	1.11	1.26	1.43	0.90	0.90		
		Left side	0.054	0.403										0.46	0.46	0.46	0.46	0.46	0.46	0.46	0.46	
		Right side	0.159		0.454	0.344	0.398	0.390	0.238	0.361	0.323	0.035	0.91	0.76	1.00	0.85	1.22	1.06	0.88	0.92		
		Top side		0.031		0.351	0.108		0.434	0.140		0.024	0.06	0.49	0.03	0.47	0.38	0.82	0.20	0.28		
		Bottom side	0.320											0.32	0.32	0.32	0.32	0.32	0.32	0.32	0.32	
All Bands LTE Ant 1	All Bands LTE Ant 2	Front	0.269	0.169	0.241	0.412	0.185	0.188	0.181	0.179	0.142	0.072	0.84	0.83	0.87	0.86	1.18	1.17	0.83	0.80		
		Back	0.292	0.154	0.210	0.411	0.190	0.220	0.385	0.199	0.122	0.068	0.86	1.02	0.88	1.04	1.20	1.36	0.84	0.84		
		Left side	0.414	0.403										0.82	0.82	0.82	0.82	0.82	0.82	0.82	0.82	
		Right side			0.454	0.344	0.398	0.390	0.238	0.361	0.323	0.035	0.75	0.60	0.84	0.69	1.06	0.91	0.72	0.76		
		Top side		0.031		0.351	0.108		0.434	0.140		0.024	0.06	0.49	0.03	0.47	0.38	0.82	0.20	0.28		
		Bottom side	0.318											0.32	0.32	0.32	0.32	0.32	0.32	0.32	0.32	
All Bands LTE Ant 1	All Bands LTE Ant 7	Front	0.269	0.095	0.241	0.412	0.185	0.188	0.181	0.179	0.142	0.072	0.77	0.76	0.79	0.79	1.11	1.10	0.76	0.73		
		Back	0.292	0.138	0.210	0.411	0.190	0.220	0.385	0.199	0.122	0.068	0.84	1.01	0.86	1.03	1.18	1.35	0.82	0.82		
		Left side	0.414	0.029										0.44	0.44	0.44	0.44	0.44	0.44	0.44	0.44	
		Right side			0.454	0.344	0.398	0.390	0.238	0.361	0.323	0.035	0.75	0.60	0.84	0.69	1.06	0.91	0.72	0.76		
		Top side		0.260		0.351	0.108		0.434	0.140		0.024	0.28	0.72	0.26	0.69	0.61	1.05	0.42	0.51		
		Bottom side	0.318											0.32	0.32	0.32	0.32	0.32	0.32	0.32	0.32	
All Bands LTE Ant 2	All Bands LTE Ant 7	Front	0.169	0.095	0.241	0.412	0.185	0.188	0.181	0.179	0.142	0.072	0.67	0.66	0.69	0.69	1.01	1.00	0.66	0.63		
		Back	0.154	0.138	0.210	0.411	0.190	0.220	0.385	0.199	0.122	0.068	0.70	0.87	0.72	0.89	1.05	1.21	0.68	0.68		
		Left side	0.403	0.029										0.43	0.43	0.43	0.43	0.43	0.43	0.43	0.43	
		Right side			0.454	0.344	0.398	0.390	0.238	0.361	0.323	0.035	0.75	0.60	0.84	0.69	1.06	0.91	0.72	0.76		
		Top side	0.031	0.260		0.351	0.108		0.434	0.140		0.024	0.32	0.75	0.29	0.73	0.64	1.08	0.46	0.54		
		Bottom side												0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	



**FCC SAR Test Report**

**Report No. : FA391308**

FR1 Band	FR1 Band	Exposure Position	1	2	3	4	5	6	7	8	9	10	1+2+6+9+10	1+2+7+9+10	1+2+3+6	1+2+3+7	1+2+4+6+9	1+2+4+7+9	1+2+8+9+10	1+2+5+8		
			FR1	FR1	WLAN 2.4GHz Ant 5	WLAN 2.4GHz Ant 4	WLAN 2.4GHz Ant 5+4	WLAN5/6GHz Ant 5	WLAN5/6GHz Ant 4	WLAN5/6GHz Ant 5+4	Bluetooth Ant 5	Bluetooth Ant 4	Summed	Summed	Summed	Summed	Summed	Summed	Summed	Summed	Summed	Summed
			1g SAR (W/kg)	1g SAR (W/kg)	1g SAR (W/kg)	1g SAR (W/kg)	1g SAR (W/kg)	1g SAR (W/kg)	1g SAR (W/kg)	1g SAR (W/kg)	1g SAR (W/kg)	1g SAR (W/kg)	1g SAR (W/kg)	1g SAR (W/kg)	1g SAR (W/kg)	1g SAR (W/kg)	1g SAR (W/kg)	1g SAR (W/kg)	1g SAR (W/kg)	1g SAR (W/kg)	1g SAR (W/kg)	1g SAR (W/kg)
All Bands FR1 Ant 0	All Bands FR1 Ant 1	Front	0.291	0.293	0.241	0.412	0.185	0.188	0.181	0.179	0.142	0.072	0.99	0.98	1.01	1.01	1.33	1.32	0.98	0.95		
		Back	0.293	0.369	0.210	0.411	0.190	0.220	0.385	0.199	0.122	0.068	1.07	1.24	1.09	1.26	1.42	1.58	1.05	1.05		
		Left side	0.046	0.566										0.61	0.61	0.61	0.61	0.61	0.61	0.61	0.61	
		Right side	0.157		0.454	0.344	0.398	0.390	0.238	0.361	0.323	0.035	0.91	0.75	1.00	0.85	1.21	1.06	0.88	0.92		
		Top side				0.351	0.108			0.434	0.140		0.024	0.02	0.46	0.00	0.43	0.35	0.79	0.16	0.25	
		Bottom side	0.283	0.372										0.66	0.66	0.66	0.66	0.66	0.66	0.66	0.66	
All Bands FR1 Ant 0	All Bands FR1 Ant 2	Front	0.291	0.100	0.241	0.412	0.185	0.188	0.181	0.179	0.142	0.072	0.79	0.79	0.82	0.81	1.13	1.13	0.78	0.76		
		Back	0.293	0.103	0.210	0.411	0.190	0.220	0.385	0.199	0.122	0.068	0.81	0.97	0.83	0.99	1.15	1.31	0.79	0.79		
		Left side	0.046	0.261										0.31	0.31	0.31	0.31	0.31	0.31	0.31	0.31	
		Right side	0.157		0.454	0.344	0.398	0.390	0.238	0.361	0.323	0.035	0.91	0.75	1.00	0.85	1.21	1.06	0.88	0.92		
		Top side		0.047		0.351	0.108			0.434	0.140		0.024	0.07	0.51	0.05	0.48	0.40	0.83	0.21	0.30	
		Bottom side	0.283											0.28	0.28	0.28	0.28	0.28	0.28	0.28	0.28	
All Bands FR1 Ant 0	All Bands FR1 Ant 7	Front	0.291	0.074	0.241	0.412	0.185	0.188	0.181	0.179	0.142	0.072	0.77	0.76	0.79	0.79	1.11	1.10	0.76	0.73		
		Back	0.293	0.112	0.210	0.411	0.190	0.220	0.385	0.199	0.122	0.068	0.82	0.98	0.84	1.00	1.16	1.32	0.79	0.79		
		Left side	0.046	0.067										0.11	0.11	0.11	0.11	0.11	0.11	0.11	0.11	
		Right side	0.157		0.454	0.344	0.398	0.390	0.238	0.361	0.323	0.035	0.91	0.75	1.00	0.85	1.21	1.06	0.88	0.92		
		Top side		0.211		0.351	0.108			0.434	0.140		0.024	0.24	0.67	0.21	0.65	0.56	1.00	0.38	0.46	
		Bottom side	0.283											0.28	0.28	0.28	0.28	0.28	0.28	0.28	0.28	
All Bands FR1 Ant 0	All Bands FR1 Ant 8	Front	0.291	0.244	0.241	0.412	0.185	0.188	0.181	0.179	0.142	0.072	0.94	0.93	0.96	0.96	1.28	1.27	0.93	0.90		
		Back	0.293	0.204	0.210	0.411	0.190	0.220	0.385	0.199	0.122	0.068	0.91	1.07	0.93	1.09	1.25	1.42	0.89	0.89		
		Left side	0.046	0.551										0.60	0.60	0.60	0.60	0.60	0.60	0.60	0.60	
		Right side	0.157		0.454	0.344	0.398	0.390	0.238	0.361	0.323	0.035	0.91	0.75	1.00	0.85	1.21	1.06	0.88	0.92		
		Top side				0.351	0.108			0.434	0.140		0.024	0.02	0.46	0.00	0.43	0.35	0.79	0.16	0.25	
		Bottom side	0.283											0.28	0.28	0.28	0.28	0.28	0.28	0.28	0.28	
All Bands FR1 Ant 0	All Bands FR1 Ant 9	Front	0.291	0.041	0.241	0.412	0.185	0.188	0.181	0.179	0.142	0.072	0.73	0.73	0.76	0.75	1.07	1.07	0.73	0.70		
		Back	0.293	0.275	0.210	0.411	0.190	0.220	0.385	0.199	0.122	0.068	0.98	1.14	1.00	1.16	1.32	1.49	0.96	0.96		
		Left side	0.046	0.037										0.08	0.08	0.08	0.08	0.08	0.08	0.08	0.08	
		Right side	0.157		0.454	0.344	0.398	0.390	0.238	0.361	0.323	0.035	0.91	0.75	1.00	0.85	1.21	1.06	0.88	0.92		
		Top side				0.351	0.108			0.434	0.140		0.024	0.02	0.46	0.00	0.43	0.35	0.79	0.16	0.25	
		Bottom side	0.283	0.098										0.38	0.38	0.38	0.38	0.38	0.38	0.38	0.38	
All Bands FR1 Ant 0	All Bands FR1 Ant 10	Front	0.291	0.039	0.241	0.412	0.185	0.188	0.181	0.179	0.142	0.072	0.73	0.73	0.76	0.75	1.07	1.07	0.72	0.69		
		Back	0.293	0.096	0.210	0.411	0.190	0.220	0.385	0.199	0.122	0.068	0.80	0.96	0.82	0.98	1.14	1.31	0.78	0.78		
		Left side	0.046											0.05	0.05	0.05	0.05	0.05	0.05	0.05	0.05	
		Right side	0.157	0.048	0.454	0.344	0.398	0.390	0.238	0.361	0.323	0.035	0.95	0.80	1.05	0.90	1.26	1.11	0.92	0.96		
		Top side				0.351	0.108			0.434	0.140		0.024	0.02	0.46	0.00	0.43	0.35	0.79	0.16	0.25	
		Bottom side	0.283											0.28	0.28	0.28	0.28	0.28	0.28	0.28	0.28	
All Bands FR1 Ant 1	All Bands FR1 Ant 2	Front	0.293	0.100	0.241	0.412	0.185	0.188	0.181	0.179	0.142	0.072	0.80	0.79	0.82	0.82	1.14	1.13	0.79	0.76		
		Back	0.369	0.103	0.210	0.411	0.190	0.220	0.385	0.199	0.122	0.068	0.88	1.05	0.90	1.07	1.23	1.39	0.86	0.86		
		Left side	0.566	0.261										0.83	0.83	0.83	0.83	0.83	0.83	0.83	0.83	
		Right side			0.454	0.344	0.398	0.390	0.238	0.361	0.323	0.035	0.75	0.60	0.84	0.69	1.06	0.91	0.72	0.76		
		Top side		0.047		0.351	0.108			0.434	0.140		0.024	0.07	0.51	0.05	0.48	0.40	0.83	0.21	0.30	
		Bottom side	0.372											0.37	0.37	0.37	0.37	0.37	0.37	0.37	0.37	
All Bands FR1 Ant 1	All Bands FR1 Ant 7	Front	0.293	0.074	0.241	0.412	0.185	0.188	0.181	0.179	0.142	0.072	0.77	0.76	0.80	0.79	1.11	1.10	0.76	0.73		
		Back	0.369	0.112	0.210	0.411	0.190	0.220	0.385	0.199	0.122	0.068	0.89	1.06	0.91	1.08	1.23	1.40	0.87	0.87		
		Left side	0.566	0.067										0.63	0.63	0.63	0.63	0.63	0.63	0.63	0.63	
		Right side			0.454	0.344	0.398	0.390	0.238	0.361	0.323	0.035	0.75	0.60	0.84	0.69	1.06	0.91	0.72	0.76		
		Top side		0.211		0.351	0.108			0.434	0.140		0.024	0.24	0.67	0.21	0.65	0.56	1.00	0.38	0.46	
		Bottom side	0.372											0.37	0.37	0.37	0.37	0.37	0.37	0.37	0.37	
All Bands FR1 Ant 1	All Bands FR1 Ant 8	Front	0.293	0.244	0.241	0.412	0.185	0.188	0.181	0.179	0.142	0.072	0.94	0.93	0.97	0.96	1.28	1.27	0.93	0.90		
		Back	0.369	0.204	0.210	0.411	0.190	0.220	0.385	0.199	0.122	0.068	0.98	1.15	1.00	1.17	1.33	1.49	0.96	0.96		
		Left side	0.566	0.551										1.12	1.12	1.12	1.12	1.12	1.12	1.12	1.12	
		Right side			0.454	0.344	0.398	0.390	0.238	0.361	0.323	0.035	0.75	0.60	0.84	0.69	1.06	0.91	0.72	0.76		



		Top side				0.351	0.108		0.434	0.140		0.024	0.02	0.46	0.00	0.43	0.35	0.79	0.16	0.25	
		Bottom side	0.372											0.37	0.37	0.37	0.37	0.37	0.37	0.37	0.37
All Bands FR1 Ant 1	All Bands FR1 Ant 9	Front	0.293	0.041	0.241	0.412	0.185	0.188	0.181	0.179	0.142	0.072	0.74	0.73	0.76	0.76	1.08	1.07	0.73	0.70	
		Back	0.369	0.275	0.210	0.411	0.190	0.220	0.385	0.199	0.122	0.068	1.05	1.22	1.07	1.24	1.40	1.56	1.03	1.03	
		Left side	0.566	0.037										0.60	0.60	0.60	0.60	0.60	0.60	0.60	0.60
		Right side			0.454	0.344	0.398	0.390	0.238	0.361	0.323	0.035	0.75	0.60	0.84	0.69	1.06	0.91	0.72	0.76	
		Top side				0.351	0.108			0.434	0.140		0.024	0.02	0.46	0.00	0.43	0.35	0.79	0.16	0.25
		Bottom side	0.372	0.098											0.47	0.47	0.47	0.47	0.47	0.47	0.47
All Bands FR1 Ant 1	All Bands FR1 Ant 10	Front	0.293	0.039	0.241	0.412	0.185	0.188	0.181	0.179	0.142	0.072	0.73	0.73	0.76	0.75	1.07	1.07	0.73	0.70	
		Back	0.369	0.096	0.210	0.411	0.190	0.220	0.385	0.199	0.122	0.068	0.88	1.04	0.90	1.06	1.22	1.38	0.85	0.85	
		Left side	0.566											0.57	0.57	0.57	0.57	0.57	0.57	0.57	0.57
		Right side		0.048	0.454	0.344	0.398	0.390	0.238	0.361	0.323	0.035	0.80	0.64	0.89	0.74	1.11	0.95	0.77	0.81	
		Top side				0.351	0.108			0.434	0.140		0.024	0.02	0.46	0.00	0.43	0.35	0.79	0.16	0.25
		Bottom side	0.372												0.37	0.37	0.37	0.37	0.37	0.37	0.37
All Bands FR1 Ant 2	All Bands FR1 Ant 7	Front	0.100	0.074	0.241	0.412	0.185	0.188	0.181	0.179	0.142	0.072	0.58	0.57	0.60	0.60	0.92	0.91	0.57	0.54	
		Back	0.103	0.112	0.210	0.411	0.190	0.220	0.385	0.199	0.122	0.068	0.63	0.79	0.65	0.81	0.97	1.13	0.60	0.60	
		Left side	0.261	0.067										0.33	0.33	0.33	0.33	0.33	0.33	0.33	0.33
		Right side			0.454	0.344	0.398	0.390	0.238	0.361	0.323	0.035	0.75	0.60	0.84	0.69	1.06	0.91	0.72	0.76	
		Top side	0.047	0.211		0.351	0.108			0.434	0.140		0.024	0.28	0.72	0.26	0.69	0.61	1.04	0.42	0.51
		Bottom side												0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
All Bands FR1 Ant 2	All Bands FR1 Ant 8	Front	0.100	0.244	0.241	0.412	0.185	0.188	0.181	0.179	0.142	0.072	0.75	0.74	0.77	0.77	1.09	1.08	0.74	0.71	
		Back	0.103	0.204	0.210	0.411	0.190	0.220	0.385	0.199	0.122	0.068	0.72	0.88	0.74	0.90	1.06	1.23	0.70	0.70	
		Left side	0.261	0.551										0.81	0.81	0.81	0.81	0.81	0.81	0.81	0.81
		Right side			0.454	0.344	0.398	0.390	0.238	0.361	0.323	0.035	0.75	0.60	0.84	0.69	1.06	0.91	0.72	0.76	
		Top side	0.047			0.351	0.108			0.434	0.140		0.024	0.07	0.51	0.05	0.48	0.40	0.83	0.21	0.30
		Bottom side												0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
All Bands FR1 Ant 2	All Bands FR1 Ant 9	Front	0.100	0.041	0.241	0.412	0.185	0.188	0.181	0.179	0.142	0.072	0.54	0.54	0.57	0.56	0.88	0.88	0.53	0.51	
		Back	0.103	0.275	0.210	0.411	0.190	0.220	0.385	0.199	0.122	0.068	0.79	0.95	0.81	0.97	1.13	1.30	0.77	0.77	
		Left side	0.261	0.037										0.30	0.30	0.30	0.30	0.30	0.30	0.30	0.30
		Right side			0.454	0.344	0.398	0.390	0.238	0.361	0.323	0.035	0.75	0.60	0.84	0.69	1.06	0.91	0.72	0.76	
		Top side	0.047			0.351	0.108			0.434	0.140		0.024	0.07	0.51	0.05	0.48	0.40	0.83	0.21	0.30
		Bottom side		0.098										0.10	0.10	0.10	0.10	0.10	0.10	0.10	0.10
All Bands FR1 Ant 2	All Bands FR1 Ant 10	Front	0.100	0.039	0.241	0.412	0.185	0.188	0.181	0.179	0.142	0.072	0.54	0.53	0.57	0.56	0.88	0.87	0.53	0.50	
		Back	0.103	0.096	0.210	0.411	0.190	0.220	0.385	0.199	0.122	0.068	0.61	0.77	0.63	0.79	0.95	1.12	0.59	0.59	
		Left side	0.261											0.26	0.26	0.26	0.26	0.26	0.26	0.26	0.26
		Right side		0.048	0.454	0.344	0.398	0.390	0.238	0.361	0.323	0.035	0.80	0.64	0.89	0.74	1.11	0.95	0.77	0.81	
		Top side	0.047			0.351	0.108			0.434	0.140		0.024	0.07	0.51	0.05	0.48	0.40	0.83	0.21	0.30
		Bottom side												0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
All Bands FR1 Ant 7	All Bands FR1 Ant 8	Front	0.074	0.244	0.241	0.412	0.185	0.188	0.181	0.179	0.142	0.072	0.72	0.71	0.75	0.74	1.06	1.05	0.71	0.68	
		Back	0.112	0.204	0.210	0.411	0.190	0.220	0.385	0.199	0.122	0.068	0.73	0.89	0.75	0.91	1.07	1.23	0.71	0.71	
		Left side	0.067	0.551										0.62	0.62	0.62	0.62	0.62	0.62	0.62	0.62
		Right side			0.454	0.344	0.398	0.390	0.238	0.361	0.323	0.035	0.75	0.60	0.84	0.69	1.06	0.91	0.72	0.76	
		Top side	0.211			0.351	0.108			0.434	0.140		0.024	0.24	0.67	0.21	0.65	0.56	1.00	0.38	0.46
		Bottom side												0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
All Bands FR1 Ant 7	All Bands FR1 Ant 9	Front	0.074	0.041	0.241	0.412	0.185	0.188	0.181	0.179	0.142	0.072	0.52	0.51	0.54	0.54	0.86	0.85	0.51	0.48	
		Back	0.112	0.275	0.210	0.411	0.190	0.220	0.385	0.199	0.122	0.068	0.80	0.96	0.82	0.98	1.14	1.31	0.78	0.78	
		Left side	0.067	0.037										0.10	0.10	0.10	0.10	0.10	0.10	0.10	0.10
		Right side			0.454	0.344	0.398	0.390	0.238	0.361	0.323	0.035	0.75	0.60	0.84	0.69	1.06	0.91	0.72	0.76	
		Top side	0.211			0.351	0.108			0.434	0.140		0.024	0.24	0.67	0.21	0.65	0.56	1.00	0.38	0.46
		Bottom side		0.098										0.10	0.10	0.10	0.10	0.10	0.10	0.10	0.10



Camera Mode:

WWAN Band	WWAN Band	Exposure Position	1	2	3	4	5	6	7	8	9	10	1+2+6+9+10	1+2+7+9+10	1+2+3+6	1+2+3+7	1+2+4+6+9	1+2+4+7+9	1+2+8+9+10	1+2+5+8	
			WWAN	WWAN	WLAN2.4 GHz Ant 5	WLAN2.4 GHz Ant 6	WLAN2.4 GHz Ant 5+6	WLAN5/6GHz Ant 5	WLAN5/6GHz Ant 6	WLAN5/6GHz Ant 5+6	Bluetooth Ant 5	Bluetooth Ant 6	Summed	Summed	Summed	Summed	Summed	Summed	Summed	Summed	Summed
			1g SAR (W/kg)	1g SAR (W/kg)	1g SAR (W/kg)	1g SAR (W/kg)	1g SAR (W/kg)	1g SAR (W/kg)	1g SAR (W/kg)	1g SAR (W/kg)	1g SAR (W/kg)	1g SAR (W/kg)	1g SAR (W/kg)	1g SAR (W/kg)	1g SAR (W/kg)	1g SAR (W/kg)	1g SAR (W/kg)	1g SAR (W/kg)	1g SAR (W/kg)	1g SAR (W/kg)	1g SAR (W/kg)
All Bands LTE Ant 0	All Bands LTE Ant 0	Front	0.331	0.269	0.233	0.046	0.210	0.165	0.096	0.147	0.142	0.030	0.94	0.87	1.00	0.93	0.95	0.88	0.92	0.96	
		Back	0.357	0.292	0.215	0.224	0.194	0.231	0.251	0.314	0.122	0.047	1.05	1.07	1.10	1.12	1.23	1.25	1.13	1.16	
		Left side	0.054	0.414		0.120	0.113		0.270	0.194		0.022	0.49	0.76	0.47	0.74	0.59	0.86	0.68	0.78	
		Right side	0.159		0.471		0.470	0.434		0.431	0.323		0.92	0.48	1.06	0.63	0.92	0.48	0.91	1.06	
		Top side				0.064	0.039		0.154	0.138		0.013	0.01	0.17	0.00	0.15	0.06	0.22	0.15	0.18	
		Bottom side	0.320	0.318									0.64	0.64	0.64	0.64	0.64	0.64	0.64	0.64	
All Bands LTE Ant 1	All Bands LTE Ant 1	Front	0.331	0.169	0.233	0.046	0.210	0.165	0.096	0.147	0.142	0.030	0.84	0.77	0.90	0.83	0.85	0.78	0.82	0.86	
		Back	0.357	0.154	0.215	0.224	0.194	0.231	0.251	0.314	0.122	0.047	0.91	0.93	0.96	0.98	1.09	1.11	0.99	1.02	
		Left side	0.054	0.403		0.120	0.113		0.270	0.194		0.022	0.48	0.75	0.46	0.73	0.58	0.85	0.67	0.76	
		Right side	0.159		0.471		0.470	0.434		0.431	0.323		0.92	0.48	1.06	0.63	0.92	0.48	0.91	1.06	
		Top side		0.031		0.064	0.039		0.154	0.138		0.013	0.04	0.20	0.03	0.19	0.10	0.25	0.18	0.21	
		Bottom side	0.320										0.32	0.32	0.32	0.32	0.32	0.32	0.32	0.32	
All Bands LTE Ant 2	All Bands LTE Ant 2	Front	0.269	0.169	0.233	0.046	0.210	0.165	0.096	0.147	0.142	0.030	0.78	0.71	0.84	0.77	0.79	0.72	0.76	0.80	
		Back	0.292	0.154	0.215	0.224	0.194	0.231	0.251	0.314	0.122	0.047	0.85	0.87	0.89	0.91	1.02	1.04	0.93	0.95	
		Left side	0.414	0.403		0.120	0.113		0.270	0.194		0.022	0.84	1.11	0.82	1.09	0.94	1.21	1.03	1.12	
		Right side			0.471		0.470	0.434		0.431	0.323		0.76	0.32	0.91	0.47	0.76	0.32	0.75	0.90	
		Top side		0.031		0.064	0.039		0.154	0.138		0.013	0.04	0.20	0.03	0.19	0.10	0.25	0.18	0.21	
		Bottom side	0.318										0.32	0.32	0.32	0.32	0.32	0.32	0.32	0.32	
All Bands LTE Ant 7	All Bands LTE Ant 7	Front	0.269	0.095	0.233	0.046	0.210	0.165	0.096	0.147	0.142	0.030	0.70	0.63	0.76	0.69	0.72	0.65	0.68	0.72	
		Back	0.292	0.138	0.215	0.224	0.194	0.231	0.251	0.314	0.122	0.047	0.83	0.85	0.88	0.90	1.01	1.03	0.91	0.94	
		Left side	0.414	0.029		0.120	0.113		0.270	0.194		0.022	0.47	0.74	0.44	0.71	0.56	0.83	0.66	0.75	
		Right side			0.471		0.470	0.434		0.431	0.323		0.76	0.32	0.91	0.47	0.76	0.32	0.75	0.90	
		Top side		0.260		0.064	0.039		0.154	0.138		0.013	0.27	0.43	0.26	0.41	0.32	0.48	0.41	0.44	
		Bottom side	0.318										0.32	0.32	0.32	0.32	0.32	0.32	0.32	0.32	
All Bands LTE Ant 2	All Bands LTE Ant 2	Front	0.169	0.095	0.233	0.046	0.210	0.165	0.096	0.147	0.142	0.030	0.60	0.53	0.66	0.59	0.62	0.55	0.58	0.62	
		Back	0.154	0.138	0.215	0.224	0.194	0.231	0.251	0.314	0.122	0.047	0.69	0.71	0.74	0.76	0.87	0.89	0.78	0.80	
		Left side	0.403	0.029		0.120	0.113		0.270	0.194		0.022	0.45	0.72	0.43	0.70	0.55	0.82	0.65	0.74	
		Right side			0.471		0.470	0.434		0.431	0.323		0.76	0.32	0.91	0.47	0.76	0.32	0.75	0.90	
		Top side	0.031	0.260		0.064	0.039		0.154	0.138		0.013	0.30	0.46	0.29	0.45	0.36	0.51	0.44	0.47	
		Bottom side											0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	



**FCC SAR Test Report**

**Report No. : FA391308**

WWAN Band	FR1 Band	Exposure Position	1	2	3	4	5	6	7	8	9	10	1+2+6+9+10	1+2+7+9+10	1+2+3+6	1+2+3+7	1+2+4+6+9	1+2+4+7+9	1+2+8+9+10	1+2+5+8	
			FR1	FR1	WLAN2.4 GHz Ant 5	WLAN2.4 GHz Ant 6	WLAN2.4 GHz Ant 5+6	WLAN5 / 6GHz Ant 5	WLAN5 / 6GHz Ant 6	WLAN5 / 6GHz Ant 5+6	Bluetooth Ant 5	Bluetooth Ant 6	Summed	Summed	Summed	Summed	Summed	Summed	Summed	Summed	Summed
			1g SAR (W/kg)	1g SAR (W/kg)	1g SAR (W/kg)	1g SAR (W/kg)	1g SAR (W/kg)	1g SAR (W/kg)	1g SAR (W/kg)	1g SAR (W/kg)	1g SAR (W/kg)	1g SAR (W/kg)	1g SAR (W/kg)	1g SAR (W/kg)	1g SAR (W/kg)	1g SAR (W/kg)	1g SAR (W/kg)	1g SAR (W/kg)	1g SAR (W/kg)	1g SAR (W/kg)	1g SAR (W/kg)
All Bands FR1 Ant 0	All Bands FR1 Ant 1	Front	0.291	0.293	0.233	0.046	0.210	0.165	0.096	0.147	0.142	0.030	0.92	0.85	0.98	0.91	0.94	0.87	0.90	0.94	
		Back	0.293	0.369	0.215	0.224	0.194	0.231	0.251	0.314	0.122	0.047	1.06	1.08	1.11	1.13	1.24	1.26	1.15	1.17	
		Left side	0.046	0.566		0.120	0.113		0.270	0.194		0.022	0.63	0.90	0.61	0.88	0.73	1.00	0.83	0.92	
		Right side	0.157		0.471		0.470	0.434		0.431	0.323		0.91	0.48	1.06	0.63	0.91	0.48	0.91	1.06	
		Top side				0.064	0.039		0.154	0.138		0.013	0.01	0.17	0.00	0.15	0.06	0.22	0.15	0.18	
		Bottom side	0.283	0.372									0.66	0.66	0.66	0.66	0.66	0.66	0.66	0.66	
All Bands FR1 Ant 0	All Bands FR1 Ant 2	Front	0.291	0.100	0.233	0.046	0.210	0.165	0.096	0.147	0.142	0.030	0.73	0.66	0.79	0.72	0.74	0.68	0.71	0.75	
		Back	0.293	0.103	0.215	0.224	0.194	0.231	0.251	0.314	0.122	0.047	0.80	0.82	0.84	0.86	0.97	0.99	0.88	0.90	
		Left side	0.046	0.261		0.120	0.113		0.270	0.194		0.022	0.33	0.60	0.31	0.58	0.43	0.70	0.52	0.61	
		Right side	0.157		0.471		0.470	0.434		0.431	0.323		0.91	0.48	1.06	0.63	0.91	0.48	0.91	1.06	
		Top side		0.047		0.064	0.039		0.154	0.138		0.013	0.06	0.21	0.05	0.20	0.11	0.27	0.20	0.22	
		Bottom side	0.283										0.28	0.28	0.28	0.28	0.28	0.28	0.28	0.28	
All Bands FR1 Ant 0	All Bands FR1 Ant 7	Front	0.291	0.074	0.233	0.046	0.210	0.165	0.096	0.147	0.142	0.030	0.70	0.63	0.76	0.69	0.72	0.65	0.68	0.72	
		Back	0.293	0.112	0.215	0.224	0.194	0.231	0.251	0.314	0.122	0.047	0.81	0.83	0.85	0.87	0.98	1.00	0.89	0.91	
		Left side	0.046	0.067		0.120	0.113		0.270	0.194		0.022	0.14	0.41	0.11	0.38	0.23	0.50	0.33	0.42	
		Right side	0.157		0.471		0.470	0.434		0.431	0.323		0.91	0.48	1.06	0.63	0.91	0.48	0.91	1.06	
		Top side		0.211		0.064	0.039		0.154	0.138		0.013	0.22	0.38	0.21	0.37	0.28	0.43	0.36	0.39	
		Bottom side	0.283										0.28	0.28	0.28	0.28	0.28	0.28	0.28	0.28	
All Bands FR1 Ant 0	All Bands FR1 Ant 8	Front	0.291	0.244	0.233	0.046	0.210	0.165	0.096	0.147	0.142	0.030	0.87	0.80	0.93	0.86	0.89	0.82	0.85	0.89	
		Back	0.293	0.204	0.215	0.224	0.194	0.231	0.251	0.314	0.122	0.047	0.90	0.92	0.94	0.96	1.07	1.09	0.98	1.01	
		Left side	0.046	0.551		0.120	0.113		0.270	0.194		0.022	0.62	0.89	0.60	0.87	0.72	0.99	0.81	0.90	
		Right side	0.157		0.471		0.470	0.434		0.431	0.323		0.91	0.48	1.06	0.63	0.91	0.48	0.91	1.06	
		Top side				0.064	0.039		0.154	0.138		0.013	0.01	0.17	0.00	0.15	0.06	0.22	0.15	0.18	
		Bottom side	0.283										0.28	0.28	0.28	0.28	0.28	0.28	0.28	0.28	
All Bands FR1 Ant 0	All Bands FR1 Ant 9	Front	0.291	0.041	0.233	0.046	0.210	0.165	0.096	0.147	0.142	0.030	0.67	0.60	0.73	0.66	0.69	0.62	0.65	0.69	
		Back	0.293	0.275	0.215	0.224	0.194	0.231	0.251	0.314	0.122	0.047	0.97	0.99	1.01	1.03	1.15	1.17	1.05	1.08	
		Left side	0.046	0.037		0.120	0.113		0.270	0.194		0.022	0.11	0.38	0.08	0.35	0.20	0.47	0.30	0.39	
		Right side	0.157		0.471		0.470	0.434		0.431	0.323		0.91	0.48	1.06	0.63	0.91	0.48	0.91	1.06	
		Top side				0.064	0.039		0.154	0.138		0.013	0.01	0.17	0.00	0.15	0.06	0.22	0.15	0.18	
		Bottom side	0.283	0.098									0.38	0.38	0.38	0.38	0.38	0.38	0.38	0.38	
All Bands FR1 Ant 0	All Bands FR1 Ant 10	Front	0.291	0.039	0.233	0.046	0.210	0.165	0.096	0.147	0.142	0.030	0.67	0.60	0.73	0.66	0.68	0.61	0.65	0.69	
		Back	0.293	0.096	0.215	0.224	0.194	0.231	0.251	0.314	0.122	0.047	0.79	0.81	0.84	0.86	0.97	0.99	0.87	0.90	
		Left side	0.046			0.120	0.113		0.270	0.194		0.022	0.07	0.34	0.05	0.32	0.17	0.44	0.26	0.35	
		Right side	0.157	0.048	0.471		0.470	0.434		0.431	0.323		0.96	0.53	1.11	0.68	0.96	0.53	0.96	1.11	
		Top side				0.064	0.039		0.154	0.138		0.013	0.01	0.17	0.00	0.15	0.06	0.22	0.15	0.18	
		Bottom side	0.283										0.28	0.28	0.28	0.28	0.28	0.28	0.28	0.28	
All Bands FR1 Ant 1	All Bands FR1 Ant 2	Front	0.293	0.100	0.233	0.046	0.210	0.165	0.096	0.147	0.142	0.030	0.73	0.66	0.79	0.72	0.75	0.68	0.71	0.75	
		Back	0.369	0.103	0.215	0.224	0.194	0.231	0.251	0.314	0.122	0.047	0.87	0.89	0.92	0.94	1.05	1.07	0.96	0.98	
		Left side	0.566	0.261		0.120	0.113		0.270	0.194		0.022	0.85	1.12	0.83	1.10	0.95	1.22	1.04	1.13	
		Right side			0.471		0.470	0.434		0.431	0.323		0.76	0.32	0.91	0.47	0.76	0.32	0.75	0.90	
		Top side		0.047		0.064	0.039		0.154	0.138		0.013	0.06	0.21	0.05	0.20	0.11	0.27	0.20	0.22	
		Bottom side	0.372										0.37	0.37	0.37	0.37	0.37	0.37	0.37	0.37	
All Bands FR1 Ant 1	All Bands FR1 Ant 7	Front	0.293	0.074	0.233	0.046	0.210	0.165	0.096	0.147	0.142	0.030	0.70	0.64	0.77	0.70	0.72	0.65	0.69	0.72	
		Back	0.369	0.112	0.215	0.224	0.194	0.231	0.251	0.314	0.122	0.047	0.88	0.90	0.93	0.95	1.06	1.08	0.96	0.99	
		Left side	0.566	0.067		0.120	0.113		0.270	0.194		0.022	0.66	0.93	0.63	0.90	0.75	1.02	0.85	0.94	
		Right side			0.471		0.470	0.434		0.431	0.323		0.76	0.32	0.91	0.47	0.76	0.32	0.75	0.90	
		Top side		0.211		0.064	0.039		0.154	0.138		0.013	0.22	0.38	0.21	0.37	0.28	0.43	0.36	0.39	
		Bottom side	0.372										0.37	0.37	0.37	0.37	0.37	0.37	0.37	0.37	
All Bands FR1 Ant 1	All Bands FR1 Ant 8	Front	0.293	0.244	0.233	0.046	0.210	0.165	0.096	0.147	0.142	0.030	0.87	0.81	0.94	0.87	0.89	0.82	0.86	0.89	
		Back	0.369	0.204	0.215	0.224	0.194	0.231	0.251	0.314	0.122	0.047	0.97	0.99	1.02	1.04	1.15	1.17	1.06	1.08	



		Left side	0.566	0.551		0.120	0.113		0.270	0.194		0.022	1.14	1.41	1.12	1.39	1.24	1.51	1.33	1.42	
		Right side			0.471		0.470	0.434		0.431	0.323			0.76	0.32	0.91	0.47	0.76	0.32	0.75	0.90
		Top side				0.064	0.039		0.154	0.138		0.013		0.01	0.17	0.00	0.15	0.06	0.22	0.15	0.18
		Bottom side	0.372												0.37	0.37	0.37	0.37	0.37	0.37	0.37
All Bands FR1 Ant 1	All Bands FR1 Ant 9	Front	0.293	0.041	0.233	0.046	0.210	0.165	0.096	0.147	0.142	0.030	0.67	0.60	0.73	0.66	0.69	0.62	0.65	0.69	
		Back	0.369	0.275	0.215	0.224	0.194	0.231	0.251	0.314	0.122	0.047	1.04	1.06	1.09	1.11	1.22	1.24	1.13	1.15	
		Left side	0.566	0.037		0.120	0.113		0.270	0.194		0.022	0.63	0.90	0.60	0.87	0.72	0.99	0.82	0.91	
		Right side			0.471		0.470	0.434		0.431	0.323			0.76	0.32	0.91	0.47	0.76	0.32	0.75	0.90
		Top side				0.064	0.039		0.154	0.138		0.013		0.01	0.17	0.00	0.15	0.06	0.22	0.15	0.18
		Bottom side	0.372	0.098											0.47	0.47	0.47	0.47	0.47	0.47	0.47
All Bands FR1 Ant 1	All Bands FR1 Ant 10	Front	0.293	0.039	0.233	0.046	0.210	0.165	0.096	0.147	0.142	0.030	0.67	0.60	0.73	0.66	0.69	0.62	0.65	0.69	
		Back	0.369	0.096	0.215	0.224	0.194	0.231	0.251	0.314	0.122	0.047	0.87	0.89	0.91	0.93	1.04	1.06	0.95	0.97	
		Left side	0.566			0.120	0.113		0.270	0.194		0.022	0.59	0.86	0.57	0.84	0.69	0.96	0.78	0.87	
		Right side		0.048	0.471		0.470	0.434		0.431	0.323			0.81	0.37	0.95	0.52	0.81	0.37	0.80	0.95
		Top side				0.064	0.039		0.154	0.138		0.013		0.01	0.17	0.00	0.15	0.06	0.22	0.15	0.18
		Bottom side	0.372												0.37	0.37	0.37	0.37	0.37	0.37	0.37
All Bands FR1 Ant 2	All Bands FR1 Ant 7	Front	0.100	0.074	0.233	0.046	0.210	0.165	0.096	0.147	0.142	0.030	0.51	0.44	0.57	0.50	0.53	0.46	0.49	0.53	
		Back	0.103	0.112	0.215	0.224	0.194	0.231	0.251	0.314	0.122	0.047	0.62	0.64	0.66	0.68	0.79	0.81	0.70	0.72	
		Left side	0.261	0.067		0.120	0.113		0.270	0.194		0.022	0.35	0.62	0.33	0.60	0.45	0.72	0.54	0.64	
		Right side			0.471		0.470	0.434		0.431	0.323			0.76	0.32	0.91	0.47	0.76	0.32	0.75	0.90
		Top side	0.047	0.211		0.064	0.039		0.154	0.138		0.013		0.27	0.43	0.26	0.41	0.32	0.48	0.41	0.44
		Bottom side												0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
All Bands FR1 Ant 2	All Bands FR1 Ant 8	Front	0.100	0.244	0.233	0.046	0.210	0.165	0.096	0.147	0.142	0.030	0.68	0.61	0.74	0.67	0.70	0.63	0.66	0.70	
		Back	0.103	0.204	0.215	0.224	0.194	0.231	0.251	0.314	0.122	0.047	0.71	0.73	0.75	0.77	0.88	0.90	0.79	0.82	
		Left side	0.261	0.551		0.120	0.113		0.270	0.194		0.022	0.83	1.10	0.81	1.08	0.93	1.20	1.03	1.12	
		Right side			0.471		0.470	0.434		0.431	0.323			0.76	0.32	0.91	0.47	0.76	0.32	0.75	0.90
		Top side	0.047			0.064	0.039		0.154	0.138		0.013		0.06	0.21	0.05	0.20	0.11	0.27	0.20	0.22
		Bottom side												0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
All Bands FR1 Ant 2	All Bands FR1 Ant 9	Front	0.100	0.041	0.233	0.046	0.210	0.165	0.096	0.147	0.142	0.030	0.48	0.41	0.54	0.47	0.49	0.43	0.46	0.50	
		Back	0.103	0.275	0.215	0.224	0.194	0.231	0.251	0.314	0.122	0.047	0.78	0.80	0.82	0.84	0.96	0.98	0.86	0.89	
		Left side	0.261	0.037		0.120	0.113		0.270	0.194		0.022	0.32	0.59	0.30	0.57	0.42	0.69	0.51	0.61	
		Right side			0.471		0.470	0.434		0.431	0.323			0.76	0.32	0.91	0.47	0.76	0.32	0.75	0.90
		Top side	0.047			0.064	0.039		0.154	0.138		0.013		0.06	0.21	0.05	0.20	0.11	0.27	0.20	0.22
		Bottom side		0.098										0.10	0.10	0.10	0.10	0.10	0.10	0.10	0.10
All Bands FR1 Ant 2	All Bands FR1 Ant 10	Front	0.100	0.039	0.233	0.046	0.210	0.165	0.096	0.147	0.142	0.030	0.48	0.41	0.54	0.47	0.49	0.42	0.46	0.50	
		Back	0.103	0.096	0.215	0.224	0.194	0.231	0.251	0.314	0.122	0.047	0.60	0.62	0.65	0.67	0.78	0.80	0.68	0.71	
		Left side	0.261			0.120	0.113		0.270	0.194		0.022	0.28	0.55	0.26	0.53	0.38	0.65	0.48	0.57	
		Right side		0.048	0.471		0.470	0.434		0.431	0.323			0.81	0.37	0.95	0.52	0.81	0.37	0.80	0.95
		Top side	0.047			0.064	0.039		0.154	0.138		0.013		0.06	0.21	0.05	0.20	0.11	0.27	0.20	0.22
		Bottom side												0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
All Bands FR1 Ant 7	All Bands FR1 Ant 8	Front	0.074	0.244	0.233	0.046	0.210	0.165	0.096	0.147	0.142	0.030	0.66	0.59	0.72	0.65	0.67	0.60	0.64	0.68	
		Back	0.112	0.204	0.215	0.224	0.194	0.231	0.251	0.314	0.122	0.047	0.72	0.74	0.76	0.78	0.89	0.91	0.80	0.82	
		Left side	0.067	0.551		0.120	0.113		0.270	0.194		0.022	0.64	0.91	0.62	0.89	0.74	1.01	0.83	0.93	
		Right side			0.471		0.470	0.434		0.431	0.323			0.76	0.32	0.91	0.47	0.76	0.32	0.75	0.90
		Top side	0.211			0.064	0.039		0.154	0.138		0.013		0.22	0.38	0.21	0.37	0.28	0.43	0.36	0.39
		Bottom side												0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
All Bands FR1 Ant 7	All Bands FR1 Ant 9	Front	0.074	0.041	0.233	0.046	0.210	0.165	0.096	0.147	0.142	0.030	0.45	0.38	0.51	0.44	0.47	0.40	0.43	0.47	
		Back	0.112	0.275	0.215	0.224	0.194	0.231	0.251	0.314	0.122	0.047	0.79	0.81	0.83	0.85	0.96	0.98	0.87	0.90	
		Left side	0.067	0.037		0.120	0.113		0.270	0.194		0.022	0.13	0.40	0.10	0.37	0.22	0.49	0.32	0.41	
		Right side			0.471		0.470	0.434		0.431	0.323			0.76	0.32	0.91	0.47	0.76	0.32	0.75	0.90
		Top side	0.211			0.064	0.039		0.154	0.138		0.013		0.22	0.38	0.21	0.37	0.28	0.43	0.36	0.39
		Bottom side		0.098										0.10	0.10	0.10	0.10	0.10	0.10	0.10	0.10



<ENDC Mode>

Normal Mode:

WWAN Band	FR1 Band	Exposure Position	1	2	3	4	5	6	7	8	9	10	1+2+6+9+10	1+2+7+9+10	1+2+3+6	1+2+3+7	1+2+4+6+9	1+2+4+7+9	1+2+8+9+10	1+2+5+8	
			WWAN	FR1	WLAN 2.4GHz Ant 5	WLAN 2.4GHz Ant 4	WLAN 2.4GHz Ant 5+4	WLAN5/6GHz Ant 5	WLAN5/6GHz Ant 4	WLAN5/6GHz Ant 5+4	Bluetooth Ant 5	Bluetooth Ant 4	Summed	Summed	Summed	Summed	Summed	Summed	Summed	Summed	Summed
			1g SAR (W/kg)	1g SAR (W/kg)	1g SAR (W/kg)	1g SAR (W/kg)	1g SAR (W/kg)	1g SAR (W/kg)	1g SAR (W/kg)	1g SAR (W/kg)	1g SAR (W/kg)	1g SAR (W/kg)	1g SAR (W/kg)	1g SAR (W/kg)	1g SAR (W/kg)	1g SAR (W/kg)	1g SAR (W/kg)	1g SAR (W/kg)	1g SAR (W/kg)	1g SAR (W/kg)	1g SAR (W/kg)
All Bands LTE Ant 0	All Bands FR1 Ant 1	Front	0.309	0.342	0.241	0.412	0.185	0.188	0.181	0.179	0.142	0.072	1.05	1.05	1.08	1.07	1.39	1.39	1.04	1.02	
		Back	0.322	0.349	0.210	0.411	0.190	0.220	0.385	0.199	0.122	0.068	1.08	1.25	1.10	1.27	1.42	1.59	1.06	1.06	
		Left side	0.069	0.514										0.58	0.58	0.58	0.58	0.58	0.58	0.58	0.58
		Right side	0.194		0.454	0.344	0.398	0.390	0.238	0.361	0.323	0.035	0.94	0.79	1.04	0.89	1.25	1.10	0.91	0.95	
		Top side				0.351	0.108		0.434	0.140		0.024	0.02	0.46	0.00	0.43	0.35	0.79	0.16	0.25	
		Bottom side	0.285	0.488										0.77	0.77	0.77	0.77	0.77	0.77	0.77	0.77
All Bands LTE Ant 0	All Bands FR1 Ant 2	Front	0.309	0.124	0.241	0.412	0.185	0.188	0.181	0.179	0.142	0.072	0.84	0.83	0.86	0.86	1.18	1.17	0.83	0.80	
		Back	0.322	0.120	0.210	0.411	0.190	0.220	0.385	0.199	0.122	0.068	0.85	1.02	0.87	1.04	1.20	1.36	0.83	0.83	
		Left side	0.069	0.280										0.35	0.35	0.35	0.35	0.35	0.35	0.35	0.35
		Right side	0.194		0.454	0.344	0.398	0.390	0.238	0.361	0.323	0.035	0.94	0.79	1.04	0.89	1.25	1.10	0.91	0.95	
		Top side		0.033		0.351	0.108		0.434	0.140		0.024	0.06	0.49	0.03	0.47	0.38	0.82	0.20	0.28	
		Bottom side	0.285											0.29	0.29	0.29	0.29	0.29	0.29	0.29	0.29
All Bands LTE Ant 0	All Bands FR1 Ant 7	Front	0.309	0.053	0.241	0.412	0.185	0.188	0.181	0.179	0.142	0.072	0.76	0.76	0.79	0.78	1.10	1.10	0.76	0.73	
		Back	0.322	0.080	0.210	0.411	0.190	0.220	0.385	0.199	0.122	0.068	0.81	0.98	0.83	1.00	1.16	1.32	0.79	0.79	
		Left side	0.069	0.049										0.12	0.12	0.12	0.12	0.12	0.12	0.12	0.12
		Right side	0.194		0.454	0.344	0.398	0.390	0.238	0.361	0.323	0.035	0.94	0.79	1.04	0.89	1.25	1.10	0.91	0.95	
		Top side		0.141		0.351	0.108		0.434	0.140		0.024	0.17	0.60	0.14	0.58	0.49	0.93	0.31	0.39	
		Bottom side	0.285											0.29	0.29	0.29	0.29	0.29	0.29	0.29	0.29
All Bands LTE Ant 0	All Bands FR1 Ant 8	Front	0.309	0.225	0.241	0.412	0.185	0.188	0.181	0.179	0.142	0.072	0.94	0.93	0.96	0.96	1.28	1.27	0.93	0.90	
		Back	0.322	0.186	0.210	0.411	0.190	0.220	0.385	0.199	0.122	0.068	0.92	1.08	0.94	1.10	1.26	1.43	0.90	0.90	
		Left side	0.069	0.506										0.58	0.58	0.58	0.58	0.58	0.58	0.58	0.58
		Right side	0.194		0.454	0.344	0.398	0.390	0.238	0.361	0.323	0.035	0.94	0.79	1.04	0.89	1.25	1.10	0.91	0.95	
		Top side				0.351	0.108		0.434	0.140		0.024	0.02	0.46	0.00	0.43	0.35	0.79	0.16	0.25	
		Bottom side	0.285											0.29	0.29	0.29	0.29	0.29	0.29	0.29	0.29
All Bands LTE Ant 0	All Bands FR1 Ant 9	Front	0.309	0.050	0.241	0.412	0.185	0.188	0.181	0.179	0.142	0.072	0.76	0.75	0.79	0.78	1.10	1.09	0.75	0.72	
		Back	0.322	0.343	0.210	0.411	0.190	0.220	0.385	0.199	0.122	0.068	1.08	1.24	1.10	1.26	1.42	1.58	1.05	1.05	
		Left side	0.069	0.046										0.12	0.12	0.12	0.12	0.12	0.12	0.12	0.12
		Right side	0.194		0.454	0.344	0.398	0.390	0.238	0.361	0.323	0.035	0.94	0.79	1.04	0.89	1.25	1.10	0.91	0.95	
		Top side				0.351	0.108		0.434	0.140		0.024	0.02	0.46	0.00	0.43	0.35	0.79	0.16	0.25	
		Bottom side	0.285	0.134										0.42	0.42	0.42	0.42	0.42	0.42	0.42	0.42
All Bands LTE Ant 0	All Bands FR1 Ant 10	Front	0.309	0.082	0.241	0.412	0.185	0.188	0.181	0.179	0.142	0.072	0.79	0.79	0.82	0.81	1.13	1.13	0.78	0.76	
		Back	0.322	0.203	0.210	0.411	0.190	0.220	0.385	0.199	0.122	0.068	0.94	1.10	0.96	1.12	1.28	1.44	0.91	0.91	
		Left side	0.069											0.07	0.07	0.07	0.07	0.07	0.07	0.07	0.07
		Right side	0.194	0.096	0.454	0.344	0.398	0.390	0.238	0.361	0.323	0.035	1.04	0.89	1.13	0.98	1.35	1.20	1.01	1.05	
		Top side				0.351	0.108		0.434	0.140		0.024	0.02	0.46	0.00	0.43	0.35	0.79	0.16	0.25	
		Bottom side	0.285											0.29	0.29	0.29	0.29	0.29	0.29	0.29	0.29
All Bands LTE Ant 1	All Bands FR1 Ant 0	Front	0.301	0.343	0.241	0.412	0.185	0.188	0.181	0.179	0.142	0.072	1.05	1.04	1.07	1.07	1.39	1.38	1.04	1.01	
		Back	0.327	0.347	0.210	0.411	0.190	0.220	0.385	0.199	0.122	0.068	1.08	1.25	1.10	1.27	1.43	1.59	1.06	1.06	
		Left side	0.460	0.074										0.53	0.53	0.53	0.53	0.53	0.53	0.53	0.53
		Right side		0.229	0.454	0.344	0.398	0.390	0.238	0.361	0.323	0.035	0.98	0.83	1.07	0.92	1.29	1.13	0.95	0.99	
		Top side				0.351	0.108		0.434	0.140		0.024	0.02	0.46	0.00	0.43	0.35	0.79	0.16	0.25	
		Bottom side	0.354	0.311										0.67	0.67	0.67	0.67	0.67	0.67	0.67	0.67
All Bands LTE Ant 1	All Bands FR1 Ant 2	Front	0.301	0.124	0.241	0.412	0.185	0.188	0.181	0.179	0.142	0.072	0.83	0.82	0.85	0.85	1.17	1.16	0.82	0.79	
		Back	0.327	0.120	0.210	0.411	0.190	0.220	0.385	0.199	0.122	0.068	0.86	1.02	0.88	1.04	1.20	1.37	0.84	0.84	
		Left side	0.460	0.280										0.74	0.74	0.74	0.74	0.74	0.74	0.74	0.74
		Right side			0.454	0.344	0.398	0.390	0.238	0.361	0.323	0.035	0.75	0.60	0.84	0.69	1.06	0.91	0.72	0.76	
		Top side		0.033		0.351	0.108		0.434	0.140		0.024	0.06	0.49	0.03	0.47	0.38	0.82	0.20	0.28	
		Bottom	0.354											0.35	0.35	0.35	0.35	0.35	0.35	0.35	0.35





		side																			
All Bands LTE Ant 1	All Bands FR1 Ant 7	Front	0.301	0.053	0.241	0.412	0.185	0.188	0.181	0.179	0.142	0.072	0.76	0.75	0.78	0.78	1.10	1.09	0.75	0.72	
		Back	0.327	0.080	0.210	0.411	0.190	0.220	0.385	0.199	0.122	0.068	0.82	0.98	0.84	1.00	1.16	1.33	0.80	0.80	
		Left side	0.460	0.049										0.51	0.51	0.51	0.51	0.51	0.51	0.51	0.51
		Right side			0.454	0.344	0.398	0.390	0.238	0.361	0.323	0.035	0.75	0.60	0.84	0.69	1.06	0.91	0.72	0.76	
		Top side		0.141		0.351	0.108		0.434	0.140		0.024	0.17	0.60	0.14	0.58	0.49	0.93	0.31	0.39	
		Bottom side	0.354											0.35	0.35	0.35	0.35	0.35	0.35	0.35	0.35
All Bands LTE Ant 1	All Bands FR1 Ant 8	Front	0.301	0.225	0.241	0.412	0.185	0.188	0.181	0.179	0.142	0.072	0.93	0.92	0.96	0.95	1.27	1.26	0.92	0.89	
		Back	0.327	0.186	0.210	0.411	0.190	0.220	0.385	0.199	0.122	0.068	0.92	1.09	0.94	1.11	1.27	1.43	0.90	0.90	
		Left side	0.460	0.506										0.97	0.97	0.97	0.97	0.97	0.97	0.97	0.97
		Right side			0.454	0.344	0.398	0.390	0.238	0.361	0.323	0.035	0.75	0.60	0.84	0.69	1.06	0.91	0.72	0.76	
		Top side				0.351	0.108		0.434	0.140		0.024	0.02	0.46	0.00	0.43	0.35	0.79	0.16	0.25	
		Bottom side	0.354											0.35	0.35	0.35	0.35	0.35	0.35	0.35	0.35
All Bands LTE Ant 1	All Bands FR1 Ant 9	Front	0.301	0.050	0.241	0.412	0.185	0.188	0.181	0.179	0.142	0.072	0.75	0.75	0.78	0.77	1.09	1.09	0.74	0.72	
		Back	0.327	0.343	0.210	0.411	0.190	0.220	0.385	0.199	0.122	0.068	1.08	1.25	1.10	1.27	1.42	1.59	1.06	1.06	
		Left side	0.460	0.046										0.51	0.51	0.51	0.51	0.51	0.51	0.51	
		Right side			0.454	0.344	0.398	0.390	0.238	0.361	0.323	0.035	0.75	0.60	0.84	0.69	1.06	0.91	0.72	0.76	
		Top side				0.351	0.108		0.434	0.140		0.024	0.02	0.46	0.00	0.43	0.35	0.79	0.16	0.25	
		Bottom side	0.354	0.134										0.49	0.49	0.49	0.49	0.49	0.49	0.49	0.49
All Bands LTE Ant 1	All Bands FR1 Ant 10	Front	0.301	0.082	0.241	0.412	0.185	0.188	0.181	0.179	0.142	0.072	0.79	0.78	0.81	0.81	1.13	1.12	0.78	0.75	
		Back	0.327	0.203	0.210	0.411	0.190	0.220	0.385	0.199	0.122	0.068	0.94	1.11	0.96	1.13	1.28	1.45	0.92	0.92	
		Left side	0.460											0.46	0.46	0.46	0.46	0.46	0.46	0.46	0.46
		Right side		0.096	0.454	0.344	0.398	0.390	0.238	0.361	0.323	0.035	0.84	0.69	0.94	0.79	1.15	1.00	0.82	0.86	
		Top side				0.351	0.108		0.434	0.140		0.024	0.02	0.46	0.00	0.43	0.35	0.79	0.16	0.25	
		Bottom side	0.354											0.35	0.35	0.35	0.35	0.35	0.35	0.35	0.35
All Bands LTE Ant 2	All Bands FR1 Ant 0	Front	0.109	0.343	0.241	0.412	0.185	0.188	0.181	0.179	0.142	0.072	0.85	0.85	0.88	0.87	1.19	1.19	0.85	0.82	
		Back	0.120	0.347	0.210	0.411	0.190	0.220	0.385	0.199	0.122	0.068	0.88	1.04	0.90	1.06	1.22	1.39	0.86	0.86	
		Left side	0.329	0.074										0.40	0.40	0.40	0.40	0.40	0.40	0.40	0.40
		Right side		0.229	0.454	0.344	0.398	0.390	0.238	0.361	0.323	0.035	0.98	0.83	1.07	0.92	1.29	1.13	0.95	0.99	
		Top side	0.023			0.351	0.108		0.434	0.140		0.024	0.05	0.48	0.02	0.46	0.37	0.81	0.19	0.27	
		Bottom side		0.311										0.31	0.31	0.31	0.31	0.31	0.31	0.31	0.31
All Bands LTE Ant 2	All Bands FR1 Ant 1	Front	0.109	0.342	0.241	0.412	0.185	0.188	0.181	0.179	0.142	0.072	0.85	0.85	0.88	0.87	1.19	1.19	0.84	0.82	
		Back	0.120	0.349	0.210	0.411	0.190	0.220	0.385	0.199	0.122	0.068	0.88	1.04	0.90	1.06	1.22	1.39	0.86	0.86	
		Left side	0.329	0.514										0.84	0.84	0.84	0.84	0.84	0.84	0.84	
		Right side			0.454	0.344	0.398	0.390	0.238	0.361	0.323	0.035	0.75	0.60	0.84	0.69	1.06	0.91	0.72	0.76	
		Top side	0.023			0.351	0.108		0.434	0.140		0.024	0.05	0.48	0.02	0.46	0.37	0.81	0.19	0.27	
		Bottom side		0.488										0.49	0.49	0.49	0.49	0.49	0.49	0.49	0.49
All Bands LTE Ant 2	All Bands FR1 Ant 7	Front	0.109	0.053	0.241	0.412	0.185	0.188	0.181	0.179	0.142	0.072	0.56	0.56	0.59	0.58	0.90	0.90	0.56	0.53	
		Back	0.120	0.080	0.210	0.411	0.190	0.220	0.385	0.199	0.122	0.068	0.61	0.78	0.63	0.80	0.95	1.12	0.59	0.59	
		Left side	0.329	0.049										0.38	0.38	0.38	0.38	0.38	0.38	0.38	
		Right side			0.454	0.344	0.398	0.390	0.238	0.361	0.323	0.035	0.75	0.60	0.84	0.69	1.06	0.91	0.72	0.76	
		Top side	0.023	0.141		0.351	0.108		0.434	0.140		0.024	0.19	0.62	0.16	0.60	0.52	0.95	0.33	0.41	
		Bottom side												0.00	0.00	0.00	0.00	0.00	0.00	0.00	
All Bands LTE Ant 2	All Bands FR1 Ant 8	Front	0.109	0.225	0.241	0.412	0.185	0.188	0.181	0.179	0.142	0.072	0.74	0.73	0.76	0.76	1.08	1.07	0.73	0.70	
		Back	0.120	0.186	0.210	0.411	0.190	0.220	0.385	0.199	0.122	0.068	0.72	0.88	0.74	0.90	1.06	1.22	0.70	0.70	
		Left side	0.329	0.506										0.84	0.84	0.84	0.84	0.84	0.84	0.84	
		Right side			0.454	0.344	0.398	0.390	0.238	0.361	0.323	0.035	0.75	0.60	0.84	0.69	1.06	0.91	0.72	0.76	
		Top side	0.023			0.351	0.108		0.434	0.140		0.024	0.05	0.48	0.02	0.46	0.37	0.81	0.19	0.27	
		Bottom side												0.00	0.00	0.00	0.00	0.00	0.00	0.00	
All Bands LTE Ant 2	All Bands FR1 Ant 9	Front	0.109	0.050	0.241	0.412	0.185	0.188	0.181	0.179	0.142	0.072	0.56	0.55	0.59	0.58	0.90	0.89	0.55	0.52	
		Back	0.120	0.343	0.210	0.411	0.190	0.220	0.385	0.199	0.122	0.068	0.87	1.04	0.89	1.06	1.22	1.38	0.85	0.85	
		Left side	0.329	0.046										0.38	0.38	0.38	0.38	0.38	0.38	0.38	
		Right side			0.454	0.344	0.398	0.390	0.238	0.361	0.323	0.035	0.75	0.60	0.84	0.69	1.06	0.91	0.72	0.76	
		Top side	0.023			0.351	0.108		0.434	0.140		0.024	0.05	0.48	0.02	0.46	0.37	0.81	0.19	0.27	
		Bottom side												0.00	0.00	0.00	0.00	0.00	0.00	0.00	



**FCC SAR Test Report**

**Report No. : FA391308**

		Bottom side		0.134									0.13	0.13	0.13	0.13	0.13	0.13	0.13		
All Bands LTE Ant 2	All Bands FR1 Ant 10	Front	0.109	0.082	0.241	0.412	0.185	0.188	0.181	0.179	0.142	0.072	0.59	0.59	0.62	0.61	0.93	0.93	0.58	0.56	
		Back	0.120	0.203	0.210	0.411	0.190	0.220	0.385	0.199	0.122	0.068	0.73	0.90	0.75	0.92	1.08	1.24	0.71	0.71	
		Left side	0.329											0.33	0.33	0.33	0.33	0.33	0.33	0.33	0.33
		Right side		0.096	0.454	0.344	0.398	0.390	0.238	0.361	0.323	0.035	0.84	0.69	0.94	0.79	1.15	1.00	0.82	0.86	
		Top side	0.023			0.351	0.108			0.434	0.140		0.024	0.05	0.48	0.02	0.46	0.37	0.81	0.19	0.27
		Bottom side												0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
All Bands LTE Ant 7	All Bands FR1 Ant 1	Front	0.053	0.342	0.241	0.412	0.185	0.188	0.181	0.179	0.142	0.072	0.80	0.79	0.82	0.82	1.14	1.13	0.79	0.76	
		Back	0.098	0.349	0.210	0.411	0.190	0.220	0.385	0.199	0.122	0.068	0.86	1.02	0.88	1.04	1.20	1.37	0.84	0.84	
		Left side	0.025	0.514										0.54	0.54	0.54	0.54	0.54	0.54	0.54	0.54
		Right side			0.454	0.344	0.398	0.390	0.238	0.361	0.323	0.035	0.75	0.60	0.84	0.69	1.06	0.91	0.72	0.76	
		Top side	0.092			0.351	0.108			0.434	0.140		0.024	0.12	0.55	0.09	0.53	0.44	0.88	0.26	0.34
		Bottom side		0.488										0.49	0.49	0.49	0.49	0.49	0.49	0.49	0.49
All Bands LTE Ant 7	All Bands FR1 Ant 2	Front	0.053	0.124	0.241	0.412	0.185	0.188	0.181	0.179	0.142	0.072	0.58	0.57	0.61	0.60	0.92	0.91	0.57	0.54	
		Back	0.098	0.120	0.210	0.411	0.190	0.220	0.385	0.199	0.122	0.068	0.63	0.79	0.65	0.81	0.97	1.14	0.61	0.61	
		Left side	0.025	0.280										0.31	0.31	0.31	0.31	0.31	0.31	0.31	0.31
		Right side			0.454	0.344	0.398	0.390	0.238	0.361	0.323	0.035	0.75	0.60	0.84	0.69	1.06	0.91	0.72	0.76	
		Top side	0.092	0.033		0.351	0.108			0.434	0.140		0.024	0.15	0.58	0.13	0.56	0.48	0.91	0.29	0.37
		Bottom side												0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00



Camera Mode:

WWAN Band	FR1 Band	Exposure Position	1	2	3	4	5	6	7	8	9	10	1+2+6+9+10	1+2+7+9+10	1+2+3+6	1+2+3+7	1+2+4+6+9	1+2+4+7+9	1+2+8+9+10	1+2+5+8		
			WWAN	FR1	WLAN 2.4GHz Ant 5	WLAN 2.4GHz Ant 6	WLAN 2.4GHz Ant 5+6	WLAN5/6GHz Ant 5	WLAN5/6GHz Ant 6	WLAN5/6GHz Ant 5+6	Bluetooth Ant 5	Bluetooth Ant 6	Summed	Summed	Summed	Summed	Summed	Summed	Summed	Summed	Summed	Summed
			1g SAR (W/kg)	1g SAR (W/kg)	1g SAR (W/kg)	1g SAR (W/kg)	1g SAR (W/kg)	1g SAR (W/kg)	1g SAR (W/kg)	1g SAR (W/kg)	1g SAR (W/kg)	1g SAR (W/kg)	1g SAR (W/kg)	1g SAR (W/kg)	1g SAR (W/kg)	1g SAR (W/kg)	1g SAR (W/kg)	1g SAR (W/kg)	1g SAR (W/kg)	1g SAR (W/kg)	1g SAR (W/kg)	1g SAR (W/kg)
All Bands LTE Ant 0	All Bands FR1 Ant 1	Front	0.309	0.342	0.233	0.046	0.210	0.165	0.096	0.147	0.142	0.030	0.99	0.92	1.05	0.98	1.00	0.94	0.97	1.01		
		Back	0.322	0.349	0.215	0.224	0.194	0.231	0.251	0.314	0.122	0.047	1.07	1.09	1.12	1.14	1.25	1.27	1.15	1.18		
		Left side	0.069	0.514		0.120	0.113		0.270	0.194		0.022	0.61	0.88	0.58	0.85	0.70	0.97	0.80	0.89		
		Right side	0.194		0.471		0.470	0.434		0.431	0.323		0.95	0.52	1.10	0.67	0.95	0.52	0.95	1.10		
		Top side				0.064	0.039		0.154	0.138		0.013	0.01	0.17	0.00	0.15	0.06	0.22	0.15	0.18		
		Bottom side	0.285	0.488									0.77	0.77	0.77	0.77	0.77	0.77	0.77	0.77		
All Bands LTE Ant 0	All Bands FR1 Ant 2	Front	0.309	0.124	0.233	0.046	0.210	0.165	0.096	0.147	0.142	0.030	0.77	0.70	0.83	0.76	0.79	0.72	0.75	0.79		
		Back	0.322	0.120	0.215	0.224	0.194	0.231	0.251	0.314	0.122	0.047	0.84	0.86	0.89	0.91	1.02	1.04	0.93	0.95		
		Left side	0.069	0.280		0.120	0.113		0.270	0.194		0.022	0.37	0.64	0.35	0.62	0.47	0.74	0.57	0.66		
		Right side	0.194		0.471		0.470	0.434		0.431	0.323		0.95	0.52	1.10	0.67	0.95	0.52	0.95	1.10		
		Top side		0.033		0.064	0.039		0.154	0.138		0.013	0.05	0.20	0.03	0.19	0.10	0.25	0.18	0.21		
		Bottom side	0.285										0.29	0.29	0.29	0.29	0.29	0.29	0.29	0.29		
All Bands LTE Ant 0	All Bands FR1 Ant 7	Front	0.309	0.053	0.233	0.046	0.210	0.165	0.096	0.147	0.142	0.030	0.70	0.63	0.76	0.69	0.72	0.65	0.68	0.72		
		Back	0.322	0.080	0.215	0.224	0.194	0.231	0.251	0.314	0.122	0.047	0.80	0.82	0.85	0.87	0.98	1.00	0.89	0.91		
		Left side	0.069	0.049		0.120	0.113		0.270	0.194		0.022	0.14	0.41	0.12	0.39	0.24	0.51	0.33	0.43		
		Right side	0.194		0.471		0.470	0.434		0.431	0.323		0.95	0.52	1.10	0.67	0.95	0.52	0.95	1.10		
		Top side		0.141		0.064	0.039		0.154	0.138		0.013	0.15	0.31	0.14	0.30	0.21	0.36	0.29	0.32		
		Bottom side	0.285										0.29	0.29	0.29	0.29	0.29	0.29	0.29	0.29		
All Bands LTE Ant 0	All Bands FR1 Ant 8	Front	0.309	0.225	0.233	0.046	0.210	0.165	0.096	0.147	0.142	0.030	0.87	0.80	0.93	0.86	0.89	0.82	0.85	0.89		
		Back	0.322	0.186	0.215	0.224	0.194	0.231	0.251	0.314	0.122	0.047	0.91	0.93	0.95	0.97	1.09	1.11	0.99	1.02		
		Left side	0.069	0.506		0.120	0.113		0.270	0.194		0.022	0.60	0.87	0.58	0.85	0.70	0.97	0.79	0.88		
		Right side	0.194		0.471		0.470	0.434		0.431	0.323		0.95	0.52	1.10	0.67	0.95	0.52	0.95	1.10		
		Top side				0.064	0.039		0.154	0.138		0.013	0.01	0.17	0.00	0.15	0.06	0.22	0.15	0.18		
		Bottom side	0.285										0.29	0.29	0.29	0.29	0.29	0.29	0.29	0.29		
All Bands LTE Ant 0	All Bands FR1 Ant 9	Front	0.309	0.050	0.233	0.046	0.210	0.165	0.096	0.147	0.142	0.030	0.70	0.63	0.76	0.69	0.71	0.64	0.68	0.72		
		Back	0.322	0.343	0.215	0.224	0.194	0.231	0.251	0.314	0.122	0.047	1.07	1.09	1.11	1.13	1.24	1.26	1.15	1.17		
		Left side	0.069	0.046		0.120	0.113		0.270	0.194		0.022	0.14	0.41	0.12	0.39	0.24	0.51	0.33	0.42		
		Right side	0.194		0.471		0.470	0.434		0.431	0.323		0.95	0.52	1.10	0.67	0.95	0.52	0.95	1.10		
		Top side				0.064	0.039		0.154	0.138		0.013	0.01	0.17	0.00	0.15	0.06	0.22	0.15	0.18		
		Bottom side	0.285	0.134									0.42	0.42	0.42	0.42	0.42	0.42	0.42	0.42		
All Bands LTE Ant 0	All Bands FR1 Ant 10	Front	0.309	0.082	0.233	0.046	0.210	0.165	0.096	0.147	0.142	0.030	0.73	0.66	0.79	0.72	0.74	0.68	0.71	0.75		
		Back	0.322	0.203	0.215	0.224	0.194	0.231	0.251	0.314	0.122	0.047	0.93	0.95	0.97	0.99	1.10	1.12	1.01	1.03		
		Left side	0.069			0.120	0.113		0.270	0.194		0.022	0.09	0.36	0.07	0.34	0.19	0.46	0.29	0.38		
		Right side	0.194	0.096	0.471		0.470	0.434		0.431	0.323		1.05	0.61	1.20	0.76	1.05	0.61	1.04	1.19		
		Top side				0.064	0.039		0.154	0.138		0.013	0.01	0.17	0.00	0.15	0.06	0.22	0.15	0.18		
		Bottom side	0.285										0.29	0.29	0.29	0.29	0.29	0.29	0.29	0.29		
All Bands LTE Ant 1	All Bands FR1 Ant 0	Front	0.301	0.343	0.233	0.046	0.210	0.165	0.096	0.147	0.142	0.030	0.98	0.91	1.04	0.97	1.00	0.93	0.96	1.00		
		Back	0.327	0.347	0.215	0.224	0.194	0.231	0.251	0.314	0.122	0.047	1.07	1.09	1.12	1.14	1.25	1.27	1.16	1.18		
		Left side	0.460	0.074		0.120	0.113		0.270	0.194		0.022	0.56	0.83	0.53	0.80	0.65	0.92	0.75	0.84		
		Right side		0.229	0.471		0.470	0.434		0.431	0.323		0.99	0.55	1.13	0.70	0.99	0.55	0.98	1.13		
		Top side				0.064	0.039		0.154	0.138		0.013	0.01	0.17	0.00	0.15	0.06	0.22	0.15	0.18		
		Bottom side	0.354	0.311									0.67	0.67	0.67	0.67	0.67	0.67	0.67	0.67		
All Bands LTE Ant 1	All Bands FR1 Ant 2	Front	0.301	0.124	0.233	0.046	0.210	0.165	0.096	0.147	0.142	0.030	0.76	0.69	0.82	0.75	0.78	0.71	0.74	0.78		
		Back	0.327	0.120	0.215	0.224	0.194	0.231	0.251	0.314	0.122	0.047	0.85	0.87	0.89	0.91	1.02	1.04	0.93	0.96		
		Left side	0.460	0.280		0.120	0.113		0.270	0.194		0.022	0.76	1.03	0.74	1.01	0.86	1.13	0.96	1.05		
		Right side			0.471		0.470	0.434		0.431	0.323		0.76	0.32	0.91	0.47	0.76	0.32	0.75	0.90		
		Top side		0.033		0.064	0.039		0.154	0.138		0.013	0.05	0.20	0.03	0.19	0.10	0.25	0.18	0.21		
		Bottom side	0.354										0.35	0.35	0.35	0.35	0.35	0.35	0.35	0.35		
All Bands LTE Ant 1	All Bands FR1 Ant 7	Front	0.301	0.053	0.233	0.046	0.210	0.165	0.096	0.147	0.142	0.030	0.69	0.62	0.75	0.68	0.71	0.64	0.67	0.71		
		Back	0.327	0.080	0.215	0.224	0.194	0.231	0.251	0.314	0.122	0.047	0.81	0.83	0.85	0.87	0.98	1.00	0.89	0.92		
		Left side	0.460	0.049		0.120	0.113		0.270	0.194		0.022	0.53	0.80	0.51	0.78	0.63	0.90	0.73	0.82		



All Bands LTE Ant 1		Right side			0.471		0.470	0.434		0.431	0.323		0.76	0.32	0.91	0.47	0.76	0.32	0.75	0.90	
		Top side		0.141		0.064	0.039		0.154	0.138		0.013		0.15	0.31	0.14	0.30	0.21	0.36	0.29	0.32
		Bottom side	0.354											0.35	0.35	0.35	0.35	0.35	0.35	0.35	0.35
All Bands LTE Ant 1	All Bands FR1 Ant 8	Front	0.301	0.225	0.233	0.046	0.210	0.165	0.096	0.147	0.142	0.030	0.86	0.79	0.92	0.86	0.88	0.81	0.85	0.88	
		Back	0.327	0.186	0.215	0.224	0.194	0.231	0.251	0.314	0.122	0.047	0.91	0.93	0.96	0.98	1.09	1.11	1.00	1.02	
		Left side	0.460	0.506		0.120	0.113		0.270	0.194		0.022	0.99	1.26	0.97	1.24	1.09	1.36	1.18	1.27	
		Right side				0.471		0.470	0.434		0.431	0.323		0.76	0.32	0.91	0.47	0.76	0.32	0.75	0.90
		Top side				0.064	0.039		0.154	0.138		0.013		0.01	0.17	0.00	0.15	0.06	0.22	0.15	0.18
		Bottom side	0.354											0.35	0.35	0.35	0.35	0.35	0.35	0.35	0.35
All Bands LTE Ant 1	All Bands FR1 Ant 9	Front	0.301	0.050	0.233	0.046	0.210	0.165	0.096	0.147	0.142	0.030	0.69	0.62	0.75	0.68	0.70	0.64	0.67	0.71	
		Back	0.327	0.343	0.215	0.224	0.194	0.231	0.251	0.314	0.122	0.047	1.07	1.09	1.12	1.14	1.25	1.27	1.15	1.18	
		Left side	0.460	0.046		0.120	0.113		0.270	0.194		0.022	0.53	0.80	0.51	0.78	0.63	0.90	0.72	0.81	
		Right side				0.471		0.470	0.434		0.431	0.323		0.76	0.32	0.91	0.47	0.76	0.32	0.75	0.90
		Top side				0.064	0.039		0.154	0.138		0.013		0.01	0.17	0.00	0.15	0.06	0.22	0.15	0.18
		Bottom side	0.354	0.134										0.49	0.49	0.49	0.49	0.49	0.49	0.49	0.49
All Bands LTE Ant 1	All Bands FR1 Ant 10	Front	0.301	0.082	0.233	0.046	0.210	0.165	0.096	0.147	0.142	0.030	0.72	0.65	0.78	0.71	0.74	0.67	0.70	0.74	
		Back	0.327	0.203	0.215	0.224	0.194	0.231	0.251	0.314	0.122	0.047	0.93	0.95	0.98	1.00	1.11	1.13	1.01	1.04	
		Left side	0.460			0.120	0.113		0.270	0.194		0.022	0.48	0.75	0.46	0.73	0.58	0.85	0.68	0.77	
		Right side		0.096	0.471		0.470	0.434		0.431	0.323		0.85	0.42	1.00	0.57	0.85	0.42	0.85	1.00	
		Top side				0.064	0.039		0.154	0.138		0.013		0.01	0.17	0.00	0.15	0.06	0.22	0.15	0.18
		Bottom side	0.354											0.35	0.35	0.35	0.35	0.35	0.35	0.35	0.35
All Bands LTE Ant 2	All Bands FR1 Ant 0	Front	0.109	0.343	0.233	0.046	0.210	0.165	0.096	0.147	0.142	0.030	0.79	0.72	0.85	0.78	0.81	0.74	0.77	0.81	
		Back	0.120	0.347	0.215	0.224	0.194	0.231	0.251	0.314	0.122	0.047	0.87	0.89	0.91	0.93	1.04	1.06	0.95	0.98	
		Left side	0.329	0.074		0.120	0.113		0.270	0.194		0.022	0.43	0.70	0.40	0.67	0.52	0.79	0.62	0.71	
		Right side		0.229	0.471		0.470	0.434		0.431	0.323		0.99	0.55	1.13	0.70	0.99	0.55	0.98	1.13	
		Top side	0.023			0.064	0.039		0.154	0.138		0.013		0.04	0.19	0.02	0.18	0.09	0.24	0.17	0.20
		Bottom side		0.311										0.31	0.31	0.31	0.31	0.31	0.31	0.31	0.31
All Bands LTE Ant 2	All Bands FR1 Ant 1	Front	0.109	0.342	0.233	0.046	0.210	0.165	0.096	0.147	0.142	0.030	0.79	0.72	0.85	0.78	0.80	0.74	0.77	0.81	
		Back	0.120	0.349	0.215	0.224	0.194	0.231	0.251	0.314	0.122	0.047	0.87	0.89	0.92	0.94	1.05	1.07	0.95	0.98	
		Left side	0.329	0.514		0.120	0.113		0.270	0.194		0.022	0.87	1.14	0.84	1.11	0.96	1.23	1.06	1.15	
		Right side			0.471		0.470	0.434		0.431	0.323		0.76	0.32	0.91	0.47	0.76	0.32	0.75	0.90	
		Top side	0.023			0.064	0.039		0.154	0.138		0.013		0.04	0.19	0.02	0.18	0.09	0.24	0.17	0.20
		Bottom side		0.488										0.49	0.49	0.49	0.49	0.49	0.49	0.49	0.49
All Bands LTE Ant 2	All Bands FR1 Ant 7	Front	0.109	0.053	0.233	0.046	0.210	0.165	0.096	0.147	0.142	0.030	0.50	0.43	0.56	0.49	0.52	0.45	0.48	0.52	
		Back	0.120	0.080	0.215	0.224	0.194	0.231	0.251	0.314	0.122	0.047	0.60	0.62	0.65	0.67	0.78	0.80	0.68	0.71	
		Left side	0.329	0.049		0.120	0.113		0.270	0.194		0.022	0.40	0.67	0.38	0.65	0.50	0.77	0.59	0.69	
		Right side			0.471		0.470	0.434		0.431	0.323		0.76	0.32	0.91	0.47	0.76	0.32	0.75	0.90	
		Top side	0.023	0.141		0.064	0.039		0.154	0.138		0.013		0.18	0.33	0.16	0.32	0.23	0.38	0.32	0.34
		Bottom side												0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
All Bands LTE Ant 2	All Bands FR1 Ant 8	Front	0.109	0.225	0.233	0.046	0.210	0.165	0.096	0.147	0.142	0.030	0.67	0.60	0.73	0.66	0.69	0.62	0.65	0.69	
		Back	0.120	0.186	0.215	0.224	0.194	0.231	0.251	0.314	0.122	0.047	0.71	0.73	0.75	0.77	0.88	0.90	0.79	0.81	
		Left side	0.329	0.506		0.120	0.113		0.270	0.194		0.022	0.86	1.13	0.84	1.11	0.96	1.23	1.05	1.14	
		Right side				0.471		0.470	0.434		0.431	0.323		0.76	0.32	0.91	0.47	0.76	0.32	0.75	0.90
		Top side	0.023			0.064	0.039		0.154	0.138		0.013		0.04	0.19	0.02	0.18	0.09	0.24	0.17	0.20
		Bottom side												0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
All Bands LTE Ant 2	All Bands FR1 Ant 9	Front	0.109	0.050	0.233	0.046	0.210	0.165	0.096	0.147	0.142	0.030	0.50	0.43	0.56	0.49	0.51	0.44	0.48	0.52	
		Back	0.120	0.343	0.215	0.224	0.194	0.231	0.251	0.314	0.122	0.047	0.86	0.88	0.91	0.93	1.04	1.06	0.95	0.97	
		Left side	0.329	0.046		0.120	0.113		0.270	0.194		0.022	0.40	0.67	0.38	0.65	0.50	0.77	0.59	0.68	
		Right side				0.471		0.470	0.434		0.431	0.323		0.76	0.32	0.91	0.47	0.76	0.32	0.75	0.90
		Top side	0.023			0.064	0.039		0.154	0.138		0.013		0.04	0.19	0.02	0.18	0.09	0.24	0.17	0.20
		Bottom side		0.134										0.13	0.13	0.13	0.13	0.13	0.13	0.13	0.13
All Bands LTE Ant 2	All Bands FR1 Ant 10	Front	0.109	0.082	0.233	0.046	0.210	0.165	0.096	0.147	0.142	0.030	0.53	0.46	0.59	0.52	0.54	0.48	0.51	0.55	
		Back	0.120	0.203	0.215	0.224	0.194	0.231	0.251	0.314	0.122	0.047	0.72	0.74	0.77	0.79	0.90	0.92	0.81	0.83	
		Left side	0.329			0.120	0.113		0.270	0.194		0.022	0.35	0.62	0.33	0.60	0.45	0.72	0.55	0.64	
		Right side		0.096	0.471		0.470	0.434		0.431	0.323		0.85	0.42	1.00	0.57	0.85	0.42	0.85	1.00	
		Top side	0.023			0.064	0.039		0.154	0.138		0.013		0.04	0.19	0.02	0.18	0.09	0.24	0.17	0.20
		Bottom side																			



**FCC SAR Test Report**

**Report No. : FA391308**

		Bottom side											0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
All Bands LTE Ant 7	All Bands FR1 Ant 1	Front	0.053	0.342	0.233	0.046	0.210	0.165	0.096	0.147	0.142	0.030	0.73	0.66	0.79	0.72	0.75	0.68	0.71	0.75
		Back	0.098	0.349	0.215	0.224	0.194	0.231	0.251	0.314	0.122	0.047	0.85	0.87	0.89	0.91	1.02	1.04	0.93	0.96
		Left side	0.025	0.514		0.120	0.113		0.270	0.194		0.022	0.56	0.83	0.54	0.81	0.66	0.93	0.76	0.85
		Right side			0.471		0.470	0.434		0.431	0.323		0.76	0.32	0.91	0.47	0.76	0.32	0.75	0.90
		Top side	0.092			0.064	0.039		0.154	0.138		0.013	0.11	0.26	0.09	0.25	0.16	0.31	0.24	0.27
		Bottom side		0.488									0.49	0.49	0.49	0.49	0.49	0.49	0.49	0.49
All Bands LTE Ant 7	All Bands FR1 Ant 2	Front	0.053	0.124	0.233	0.046	0.210	0.165	0.096	0.147	0.142	0.030	0.51	0.45	0.58	0.51	0.53	0.46	0.50	0.53
		Back	0.098	0.120	0.215	0.224	0.194	0.231	0.251	0.314	0.122	0.047	0.62	0.64	0.66	0.68	0.80	0.82	0.70	0.73
		Left side	0.025	0.280		0.120	0.113		0.270	0.194		0.022	0.33	0.60	0.31	0.58	0.43	0.70	0.52	0.61
		Right side			0.471		0.470	0.434		0.431	0.323		0.76	0.32	0.91	0.47	0.76	0.32	0.75	0.90
		Top side	0.092	0.033		0.064	0.039		0.154	0.138		0.013	0.14	0.29	0.13	0.28	0.19	0.34	0.28	0.30
		Bottom side											0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00



<UL MIMO>

Normal Mode:

FR1 Band	FR1 Band	Exposure Position	1	2	1+2
			FR1	FR1	Summed
			1g SAR (W/kg)	1g SAR (W/kg)	1g SAR (W/kg)
FR1 n41 UL MIMO Ant 1	FR1 n41 UL MIMO Ant 8	Front	0.304	0.303	0.61
		Back	0.387	0.219	0.61
		Left side	0.576	0.591	1.17
		Right side			0.00
		Top side			0.00
		Bottom side	0.181		0.18
FR1 n41 UL MIMO Ant 1	FR1 n41 UL MIMO Ant 9	Front	0.304	0.043	0.35
		Back	0.387	0.156	0.54
		Left side	0.576	0.030	0.61
		Right side			0.00
		Top side			0.00
		Bottom side	0.181	0.067	0.25
FR1 n41 UL MIMO Ant 2	FR1 n41 UL MIMO Ant 8	Front	0.193	0.303	0.50
		Back	0.235	0.219	0.45
		Left side	0.556	0.591	1.15
		Right side			0.00
		Top side	0.035		0.04
		Bottom side			0.00
FR1 n41 UL MIMO Ant 2	FR1 n41 UL MIMO Ant 9	Front	0.193	0.043	0.24
		Back	0.235	0.156	0.39
		Left side	0.556	0.030	0.59
		Right side			0.00
		Top side	0.035		0.04
		Bottom side		0.067	0.07



FR1 Band	FR1 Band	Exposure Position	1	2	3	4	5	6	7	8	9	10	1+2+6+9+10	1+2+7+9+10	1+2+3+6	1+2+3+7	1+2+4+6+9	1+2+4+7+9	1+2+8+9+10	1+2+5+8	
			FR1	FR1	WLAN 2.4GHz Ant 5	WLAN 2.4GHz Ant 4	WLAN 2.4GHz Ant 5+4	WLAN5 6GHz Ant 5	WLAN5 6GHz Ant 4	WLAN5 6GHz Ant 5+4	Bluetooth Ant 5	Bluetooth Ant 4	Summed	Summed	Summed	Summed	Summed	Summed	Summed	Summed	Summed
			1g SAR (W/kg)	1g SAR (W/kg)	1g SAR (W/kg)	1g SAR (W/kg)	1g SAR (W/kg)	1g SAR (W/kg)	1g SAR (W/kg)	1g SAR (W/kg)	1g SAR (W/kg)	1g SAR (W/kg)	1g SAR (W/kg)	1g SAR (W/kg)	1g SAR (W/kg)	1g SAR (W/kg)	1g SAR (W/kg)	1g SAR (W/kg)	1g SAR (W/kg)	1g SAR (W/kg)	1g SAR (W/kg)
FR1 n41 UL MIMO Ant 1	FR1 n41 UL MIMO Ant 8	Front	0.304	0.303	0.241	0.412	0.185	0.188	0.181	0.179	0.142	0.072	1.01	1.00	1.04	1.03	1.35	1.34	1.00	0.97	
		Back	0.387	0.219	0.210	0.411	0.190	0.220	0.385	0.199	0.122	0.068	1.02	1.18	1.04	1.20	1.36	1.52	1.00	1.00	
		Left side	0.576	0.591										1.17	1.17	1.17	1.17	1.17	1.17	1.17	1.17
		Right side			0.454	0.344	0.398	0.390	0.238	0.361	0.323	0.035	0.75	0.60	0.84	0.69	1.06	0.91	0.72	0.76	
		Top side				0.351	0.108		0.434	0.140		0.024	0.02	0.46	0.00	0.43	0.35	0.79	0.16	0.25	
		Bottom side	0.181											0.18	0.18	0.18	0.18	0.18	0.18	0.18	0.18
FR1 n41 UL MIMO Ant 1	FR1 n41 UL MIMO Ant 9	Front	0.304	0.043	0.241	0.412	0.185	0.188	0.181	0.179	0.142	0.072	0.75	0.74	0.78	0.77	1.09	1.08	0.74	0.71	
		Back	0.387	0.156	0.210	0.411	0.190	0.220	0.385	0.199	0.122	0.068	0.95	1.12	0.97	1.14	1.30	1.46	0.93	0.93	
		Left side	0.576	0.030										0.61	0.61	0.61	0.61	0.61	0.61	0.61	0.61
		Right side			0.454	0.344	0.398	0.390	0.238	0.361	0.323	0.035	0.75	0.60	0.84	0.69	1.06	0.91	0.72	0.76	
		Top side				0.351	0.108		0.434	0.140		0.024	0.02	0.46	0.00	0.43	0.35	0.79	0.16	0.25	
		Bottom side	0.181	0.067										0.25	0.25	0.25	0.25	0.25	0.25	0.25	0.25
FR1 n41 UL MIMO Ant 2	FR1 n41 UL MIMO Ant 8	Front	0.193	0.303	0.241	0.412	0.185	0.188	0.181	0.179	0.142	0.072	0.90	0.89	0.93	0.92	1.24	1.23	0.89	0.86	
		Back	0.235	0.219	0.210	0.411	0.190	0.220	0.385	0.199	0.122	0.068	0.86	1.03	0.88	1.05	1.21	1.37	0.84	0.84	
		Left side	0.556	0.591										1.15	1.15	1.15	1.15	1.15	1.15	1.15	1.15
		Right side			0.454	0.344	0.398	0.390	0.238	0.361	0.323	0.035	0.75	0.60	0.84	0.69	1.06	0.91	0.72	0.76	
		Top side	0.035			0.351	0.108		0.434	0.140		0.024	0.06	0.49	0.04	0.47	0.39	0.82	0.20	0.28	
		Bottom side												0.00	0.00	0.00	0.00	0.00	0.00	0.00	
FR1 n41 UL MIMO Ant 2	FR1 n41 UL MIMO Ant 9	Front	0.193	0.043	0.241	0.412	0.185	0.188	0.181	0.179	0.142	0.072	0.64	0.63	0.67	0.66	0.98	0.97	0.63	0.60	
		Back	0.235	0.156	0.210	0.411	0.190	0.220	0.385	0.199	0.122	0.068	0.80	0.97	0.82	0.99	1.14	1.31	0.78	0.78	
		Left side	0.556	0.030										0.59	0.59	0.59	0.59	0.59	0.59	0.59	0.59
		Right side			0.454	0.344	0.398	0.390	0.238	0.361	0.323	0.035	0.75	0.60	0.84	0.69	1.06	0.91	0.72	0.76	
		Top side	0.035			0.351	0.108		0.434	0.140		0.024	0.06	0.49	0.04	0.47	0.39	0.82	0.20	0.28	
		Bottom side		0.067										0.07	0.07	0.07	0.07	0.07	0.07	0.07	



**Camera Mode:**

FR1 Band	FR1 Band	Exposure Position	1	2	3	4	5	6	7	8	9	10	1+2+6+9+10	1+2+7+9+10	1+2+3+6	1+2+3+7	1+2+4+6+9	1+2+4+7+9	1+2+8+9+10	1+2+5+8	
			FR1	FR1	WLAN 2.4GHz Ant 5	WLAN 2.4GHz Ant 6	WLAN 2.4GHz Ant 5+6	WLAN5/6GHz Ant 5	WLAN5/6GHz Ant 6	WLAN5/6GHz Ant 5+6	Bluetooth Ant 5	Bluetooth Ant 6	Summed	Summed	Summed	Summed	Summed	Summed	Summed	Summed	Summed
			1g SAR (W/kg)	1g SAR (W/kg)	1g SAR (W/kg)	1g SAR (W/kg)	1g SAR (W/kg)	1g SAR (W/kg)	1g SAR (W/kg)	1g SAR (W/kg)	1g SAR (W/kg)	1g SAR (W/kg)	1g SAR (W/kg)	1g SAR (W/kg)	1g SAR (W/kg)	1g SAR (W/kg)	1g SAR (W/kg)	1g SAR (W/kg)	1g SAR (W/kg)	1g SAR (W/kg)	1g SAR (W/kg)
FR1 n41 UL MIMO Ant 1	FR1 n41 UL MIMO Ant 8	Front	0.304	0.303	0.233	0.046	0.210	0.165	0.096	0.147	0.142	0.030	0.94	0.88	1.01	0.94	0.96	0.89	0.93	0.96	
		Back	0.387	0.219	0.215	0.224	0.194	0.231	0.251	0.314	0.122	0.047	1.01	1.03	1.05	1.07	1.18	1.20	1.09	1.11	
		Left side	0.576	0.591		0.120	0.113		0.270	0.194		0.022	1.19	1.46	1.17	1.44	1.29	1.56	1.38	1.47	
		Right side			0.471		0.470	0.434		0.431	0.323		0.76	0.32	0.91	0.47	0.76	0.32	0.75	0.90	
		Top side				0.064	0.039		0.154	0.138		0.013	0.01	0.17	0.00	0.15	0.06	0.22	0.15	0.18	
		Bottom side	0.181											0.18	0.18	0.18	0.18	0.18	0.18	0.18	0.18
FR1 n41 UL MIMO Ant 1	FR1 n41 UL MIMO Ant 9	Front	0.304	0.043	0.233	0.046	0.210	0.165	0.096	0.147	0.142	0.030	0.68	0.62	0.75	0.68	0.70	0.63	0.67	0.70	
		Back	0.387	0.156	0.215	0.224	0.194	0.231	0.251	0.314	0.122	0.047	0.94	0.96	0.99	1.01	1.12	1.14	1.03	1.05	
		Left side	0.576	0.030		0.120	0.113		0.270	0.194		0.022	0.63	0.90	0.61	0.88	0.73	1.00	0.82	0.91	
		Right side			0.471		0.470	0.434		0.431	0.323		0.76	0.32	0.91	0.47	0.76	0.32	0.75	0.90	
		Top side				0.064	0.039		0.154	0.138		0.013	0.01	0.17	0.00	0.15	0.06	0.22	0.15	0.18	
		Bottom side	0.181	0.067										0.25	0.25	0.25	0.25	0.25	0.25	0.25	0.25
FR1 n41 UL MIMO Ant 2	FR1 n41 UL MIMO Ant 8	Front	0.193	0.303	0.233	0.046	0.210	0.165	0.096	0.147	0.142	0.030	0.83	0.76	0.89	0.83	0.85	0.78	0.82	0.85	
		Back	0.235	0.219	0.215	0.224	0.194	0.231	0.251	0.314	0.122	0.047	0.85	0.87	0.90	0.92	1.03	1.05	0.94	0.96	
		Left side	0.556	0.591		0.120	0.113		0.270	0.194		0.022	1.17	1.44	1.15	1.42	1.27	1.54	1.36	1.45	
		Right side			0.471		0.470	0.434		0.431	0.323		0.76	0.32	0.91	0.47	0.76	0.32	0.75	0.90	
		Top side	0.035			0.064	0.039		0.154	0.138		0.013	0.05	0.20	0.04	0.19	0.10	0.25	0.19	0.21	
		Bottom side											0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
FR1 n41 UL MIMO Ant 2	FR1 n41 UL MIMO Ant 9	Front	0.193	0.043	0.233	0.046	0.210	0.165	0.096	0.147	0.142	0.030	0.57	0.50	0.63	0.57	0.59	0.52	0.56	0.59	
		Back	0.235	0.156	0.215	0.224	0.194	0.231	0.251	0.314	0.122	0.047	0.79	0.81	0.84	0.86	0.97	0.99	0.87	0.90	
		Left side	0.556	0.030		0.120	0.113		0.270	0.194		0.022	0.61	0.88	0.59	0.86	0.71	0.98	0.80	0.89	
		Right side			0.471		0.470	0.434		0.431	0.323		0.76	0.32	0.91	0.47	0.76	0.32	0.75	0.90	
		Top side	0.035			0.064	0.039		0.154	0.138		0.013	0.05	0.20	0.04	0.19	0.10	0.25	0.19	0.21	
		Bottom side		0.067										0.07	0.07	0.07	0.07	0.07	0.07	0.07	0.07





### 15.3 Body-Worn Accessory Exposure Conditions

**Normal Mode:**

WWAN Band	Exposure Position	1	3	4	5	6	7	8	9	10	1+6+9+10	1+7+9+10	1+3+6	1+3+7	1+4+6+9	1+4+7+9	1+8+9+10	1+5+8	
		WWAN	WLAN 2.4GHz Ant 5	WLAN 2.4GHz Ant 4	WLAN 2.4GHz Ant 5+4	WLAN5 6GHz Ant 5	WLAN5 6GHz Ant 4	WLAN5 6GHz Ant 5+4	Bluetooth Ant 5	Bluetooth Ant 4	Summed	Summed	Summed	Summed	Summed	Summed	Summed	Summed	Summed
		1g SAR (W/kg)	1g SAR (W/kg)	1g SAR (W/kg)	1g SAR (W/kg)	1g SAR (W/kg)	1g SAR (W/kg)	1g SAR (W/kg)	1g SAR (W/kg)	1g SAR (W/kg)	1g SAR (W/kg)	1g SAR (W/kg)	1g SAR (W/kg)	1g SAR (W/kg)	1g SAR (W/kg)	1g SAR (W/kg)	1g SAR (W/kg)	1g SAR (W/kg)	1g SAR (W/kg)
All Bands Ant 0	Front	0.412	0.346	0.191	0.335	0.430	0.312	0.426	0.072	0.004	0.92	0.80	1.19	1.07	1.11	0.99	0.91	1.17	
	Back	0.506	0.326	0.215	0.331	0.567	0.426	0.561	0.078	0.011	1.16	1.02	1.40	1.26	1.37	1.23	1.16	1.40	
	Front Headset										0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	
	Back Headset										0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	
All Bands Ant 1	Front	0.270	0.346	0.191	0.335	0.430	0.312	0.426	0.072	0.004	0.78	0.66	1.05	0.93	0.96	0.85	0.77	1.03	
	Back	0.354	0.326	0.215	0.331	0.567	0.426	0.561	0.078	0.011	1.01	0.87	1.25	1.11	1.21	1.07	1.00	1.25	
	Front Headset										0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	
	Back Headset										0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	
All Bands Ant 2	Front	0.385	0.346	0.191	0.335	0.430	0.312	0.426	0.072	0.004	0.89	0.77	1.16	1.04	1.08	0.96	0.89	1.15	
	Back	0.576	0.326	0.215	0.331	0.567	0.426	0.561	0.078	0.011	1.23	1.09	1.47	1.33	1.44	1.30	1.23	1.47	
	Front Headset										0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	
	Back Headset										0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	
All Bands Ant 7	Front	0.189	0.346	0.191	0.335	0.430	0.312	0.426	0.072	0.004	0.70	0.58	0.97	0.85	0.88	0.76	0.69	0.95	
	Back	0.284	0.326	0.215	0.331	0.567	0.426	0.561	0.078	0.011	0.94	0.80	1.18	1.04	1.14	1.00	0.93	1.18	
	Front Headset										0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	
	Back Headset										0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	
All Bands Ant 8	Front	0.364	0.346	0.191	0.335	0.430	0.312	0.426	0.072	0.004	0.87	0.75	1.14	1.02	1.06	0.94	0.87	1.13	
	Back	0.288	0.326	0.215	0.331	0.567	0.426	0.561	0.078	0.011	0.94	0.80	1.18	1.04	1.15	1.01	0.94	1.18	
	Front Headset										0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	
	Back Headset										0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	
All Bands Ant 9	Front	0.099	0.346	0.191	0.335	0.430	0.312	0.426	0.072	0.004	0.61	0.49	0.88	0.76	0.79	0.67	0.60	0.86	
	Back	0.633	0.326	0.215	0.331	0.567	0.426	0.561	0.078	0.011	1.29	1.15	1.53	1.39	1.49	1.35	1.28	1.53	
	Front Headset										0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	
	Back Headset										0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	
All Bands Ant 10	Front	0.026	0.346	0.191	0.335	0.430	0.312	0.426	0.072	0.004	0.53	0.41	0.80	0.68	0.72	0.60	0.53	0.79	
	Back	0.087	0.326	0.215	0.331	0.567	0.426	0.561	0.078	0.011	0.74	0.60	0.98	0.84	0.95	0.81	0.74	0.98	
	Front Headset										0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	
	Back Headset										0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	



Camera Mode:

WWAN Band	Exposure Position	1	3	4	5	6	7	8	9	10	1+6+9+10	1+7+9+10	1+3+6	1+3+7	1+4+6+9	1+4+7+9	1+8+9+10	1+5+8	
		WWAN	WLAN 2.4GHz Ant 5	WLAN 2.4GHz Ant 6	WLAN 2.4GHz Ant 5+6	WLAN5 6GHz Ant 5	WLAN5 6GHz Ant 6	WLAN5 6GHz Ant 5+6	Bluetooth Ant 5	Bluetooth Ant 6	Summed	Summed	Summed	Summed	Summed	Summed	Summed	Summed	Summed
		1g SAR (W/kg)	1g SAR (W/kg)	1g SAR (W/kg)	1g SAR (W/kg)	1g SAR (W/kg)	1g SAR (W/kg)	1g SAR (W/kg)	1g SAR (W/kg)	1g SAR (W/kg)	1g SAR (W/kg)	1g SAR (W/kg)	1g SAR (W/kg)	1g SAR (W/kg)	1g SAR (W/kg)	1g SAR (W/kg)	1g SAR (W/kg)	1g SAR (W/kg)	1g SAR (W/kg)
All Bands Ant 0	Front	0.412	0.291	0.001	0.346	0.386	0.089	0.400	0.072	0.002	0.87	0.58	1.09	0.79	0.87	0.57	0.89	1.16	
	Back	0.506	0.272	0.111	0.332	0.556	0.243	0.550	0.078	0.006	1.15	0.83	1.33	1.02	1.25	0.94	1.14	1.39	
	Front Headset										0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	
	Back Headset										0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	
All Bands Ant 1	Front	0.270	0.291	0.001	0.346	0.386	0.089	0.400	0.072	0.002	0.73	0.43	0.95	0.65	0.73	0.43	0.74	1.02	
	Back	0.354	0.272	0.111	0.332	0.556	0.243	0.550	0.078	0.006	0.99	0.68	1.18	0.87	1.10	0.79	0.99	1.24	
	Front Headset										0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	
	Back Headset										0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	
All Bands Ant 2	Front	0.385	0.291	0.001	0.346	0.386	0.089	0.400	0.072	0.002	0.85	0.55	1.06	0.77	0.84	0.55	0.86	1.13	
	Back	0.576	0.272	0.111	0.332	0.556	0.243	0.550	0.078	0.006	1.22	0.90	1.40	1.09	1.32	1.01	1.21	1.46	
	Front Headset										0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	
	Back Headset										0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	
All Bands Ant 7	Front	0.189	0.291	0.001	0.346	0.386	0.089	0.400	0.072	0.002	0.65	0.35	0.87	0.57	0.65	0.35	0.66	0.94	
	Back	0.284	0.272	0.111	0.332	0.556	0.243	0.550	0.078	0.006	0.92	0.61	1.11	0.80	1.03	0.72	0.92	1.17	
	Front Headset										0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	
	Back Headset										0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	
All Bands Ant 8	Front	0.364	0.291	0.001	0.346	0.386	0.089	0.400	0.072	0.002	0.82	0.53	1.04	0.74	0.82	0.53	0.84	1.11	
	Back	0.288	0.272	0.111	0.332	0.556	0.243	0.550	0.078	0.006	0.93	0.62	1.12	0.80	1.03	0.72	0.92	1.17	
	Front Headset										0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	
	Back Headset										0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	
All Bands Ant 9	Front	0.099	0.291	0.001	0.346	0.386	0.089	0.400	0.072	0.002	0.56	0.26	0.78	0.48	0.56	0.26	0.57	0.85	
	Back	0.633	0.272	0.111	0.332	0.556	0.243	0.550	0.078	0.006	1.27	0.96	1.46	1.15	1.38	1.07	1.27	1.52	
	Front Headset										0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	
	Back Headset										0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	
All Bands Ant 10	Front	0.026	0.291	0.001	0.346	0.386	0.089	0.400	0.072	0.002	0.49	0.19	0.70	0.41	0.49	0.19	0.50	0.77	
	Back	0.087	0.272	0.111	0.332	0.556	0.243	0.550	0.078	0.006	0.73	0.41	0.92	0.60	0.83	0.52	0.72	0.97	
	Front Headset										0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	
	Back Headset										0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	



<Inter CA Mode>

Normal Mode:

WWAN Band	WWAN Band	Exposure Position	1	2	3	4	5	6	7	8	9	10	1+2+6+9+10	1+2+7+9+10	1+2+3+6	1+2+3+7	1+2+4+6+9	1+2+4+7+9	1+2+8+9+10	1+2+5+8		
			WWAN	WWAN	WLAN 2.4GHz Ant 5	WLAN 2.4GHz Ant 4	WLAN 2.4GHz Ant 5+4	WLAN5/6GHz Ant 5	WLAN5/6GHz Ant 4	WLAN5/6GHz Ant 5+4	Bluetooth Ant 5	Bluetooth Ant 4	Summed	Summed	Summed	Summed	Summed	Summed	Summed	Summed	Summed	Summed
			1g SAR (W/kg)	1g SAR (W/kg)	1g SAR (W/kg)	1g SAR (W/kg)	1g SAR (W/kg)	1g SAR (W/kg)	1g SAR (W/kg)	1g SAR (W/kg)	1g SAR (W/kg)	1g SAR (W/kg)	1g SAR (W/kg)	1g SAR (W/kg)	1g SAR (W/kg)	1g SAR (W/kg)	1g SAR (W/kg)	1g SAR (W/kg)	1g SAR (W/kg)	1g SAR (W/kg)	1g SAR (W/kg)	1g SAR (W/kg)
All Bands LTE Ant 0	All Bands LTE Ant 1	Front	0.175	0.126	0.346	0.191	0.335	0.430	0.312	0.426	0.072	0.004		0.81	0.69	1.08	0.96	0.99	0.88	0.80	1.06	
		Back	0.195	0.172	0.326	0.215	0.331	0.567	0.426	0.561	0.078	0.011		1.02	0.88	1.26	1.12	1.23	1.09	1.02	1.26	
		Front Headset												0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
		Back Headset												0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
All Bands LTE Ant 0	All Bands LTE Ant 2	Front	0.175	0.197	0.346	0.191	0.335	0.430	0.312	0.426	0.072	0.004		0.88	0.76	1.15	1.03	1.07	0.95	0.87	1.13	
		Back	0.195	0.282	0.326	0.215	0.331	0.567	0.426	0.561	0.078	0.011		1.13	0.99	1.37	1.23	1.34	1.20	1.13	1.37	
		Front Headset												0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	
		Back Headset												0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
All Bands LTE Ant 1	All Bands LTE Ant 2	Front	0.126	0.197	0.346	0.191	0.335	0.430	0.312	0.426	0.072	0.004		0.83	0.71	1.10	0.98	1.02	0.90	0.83	1.08	
		Back	0.172	0.282	0.326	0.215	0.331	0.567	0.426	0.561	0.078	0.011		1.11	0.97	1.35	1.21	1.31	1.17	1.10	1.35	
		Front Headset												0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	
		Back Headset												0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
All Bands LTE Ant 1	All Bands LTE Ant 7	Front	0.126	0.110	0.346	0.191	0.335	0.430	0.312	0.426	0.072	0.004		0.74	0.62	1.01	0.89	0.93	0.81	0.74	1.00	
		Back	0.172	0.179	0.326	0.215	0.331	0.567	0.426	0.561	0.078	0.011		1.01	0.87	1.24	1.10	1.21	1.07	1.00	1.24	
		Front Headset												0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	
		Back Headset												0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
All Bands LTE Ant 2	All Bands LTE Ant 7	Front	0.197	0.110	0.346	0.191	0.335	0.430	0.312	0.426	0.072	0.004		0.81	0.70	1.08	0.97	1.00	0.88	0.81	1.07	
		Back	0.282	0.179	0.326	0.215	0.331	0.567	0.426	0.561	0.078	0.011		1.12	0.98	1.35	1.21	1.32	1.18	1.11	1.35	
		Front Headset												0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	
		Back Headset												0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00

FR1 Band	FR1 Band	Exposure Position	1	2	3	4	5	6	7	8	9	10	1+2+6+9+10	1+2+7+9+10	1+2+3+6	1+2+3+7	1+2+4+6+9	1+2+4+7+9	1+2+8+9+10	1+2+5+8		
			FR1	FR1	WLAN 2.4GHz Ant 5	WLAN 2.4GHz Ant 4	WLAN 2.4GHz Ant 5+4	WLAN5/6GHz Ant 5	WLAN5/6GHz Ant 4	WLAN5/6GHz Ant 5+4	Bluetooth Ant 5	Bluetooth Ant 4	Summed	Summed	Summed	Summed	Summed	Summed	Summed	Summed	Summed	Summed
			1g SAR (W/kg)	1g SAR (W/kg)	1g SAR (W/kg)	1g SAR (W/kg)	1g SAR (W/kg)	1g SAR (W/kg)	1g SAR (W/kg)	1g SAR (W/kg)	1g SAR (W/kg)	1g SAR (W/kg)	1g SAR (W/kg)	1g SAR (W/kg)	1g SAR (W/kg)	1g SAR (W/kg)	1g SAR (W/kg)	1g SAR (W/kg)	1g SAR (W/kg)	1g SAR (W/kg)	1g SAR (W/kg)	1g SAR (W/kg)
All Bands FR1 Ant 0	All Bands FR1 Ant 1	Front	0.171	0.176	0.346	0.191	0.335	0.430	0.312	0.426	0.072	0.004		0.85	0.74	1.12	1.01	1.04	0.92	0.85	1.11	
		Back	0.166	0.205	0.326	0.215	0.331	0.567	0.426	0.561	0.078	0.011		1.03	0.89	1.26	1.12	1.23	1.09	1.02	1.26	
		Front Headset												0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	
		Back Headset												0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
All Bands FR1 Ant 0	All Bands FR1 Ant 2	Front	0.171	0.254	0.346	0.191	0.335	0.430	0.312	0.426	0.072	0.004		0.93	0.81	1.20	1.08	1.12	1.00	0.93	1.19	
		Back	0.166	0.304	0.326	0.215	0.331	0.567	0.426	0.561	0.078	0.011		1.13	0.99	1.36	1.22	1.33	1.19	1.12	1.36	
		Front Headset												0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	
		Back Headset												0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
All Bands FR1 Ant 0	All Bands FR1 Ant 7	Front	0.171	0.082	0.346	0.191	0.335	0.430	0.312	0.426	0.072	0.004		0.76	0.64	1.03	0.91	0.95	0.83	0.76	1.01	
		Back	0.166	0.119	0.326	0.215	0.331	0.567	0.426	0.561	0.078	0.011		0.94	0.80	1.18	1.04	1.15	1.00	0.94	1.18	
		Front Headset												0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	
		Back Headset												0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
All Bands FR1 Ant 0	All Bands FR1 Ant 8	Front	0.171	0.232	0.346	0.191	0.335	0.430	0.312	0.426	0.072	0.004		0.91	0.79	1.18	1.06	1.10	0.98	0.91	1.16	
		Back	0.166	0.211	0.326	0.215	0.331	0.567	0.426	0.561	0.078	0.011		1.03	0.89	1.27	1.13	1.24	1.10	1.03	1.27	
		Front Headset												0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	
		Back Headset												0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
All Bands FR1 Ant 0	All Bands FR1 Ant 9	Front	0.171	0.049	0.346	0.191	0.335	0.430	0.312	0.426	0.072	0.004		0.73	0.61	1.00	0.88	0.91	0.80	0.72	0.98	
		Back	0.166	0.317	0.326	0.215	0.331	0.567	0.426	0.561	0.078	0.011		1.14	1.00	1.38	1.24	1.34	1.20	1.13	1.38	
		Front Headset												0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	
		Back Headset												0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
All Bands FR1 Ant 0	All Bands FR1 Ant 10	Front	0.171	0.013	0.346	0.191	0.335	0.430	0.312	0.426	0.072	0.004		0.69	0.57	0.96	0.84	0.88	0.76	0.69	0.95	
		Back	0.166	0.042	0.326	0.215	0.331	0.567	0.426	0.561	0.078	0.011		0.86	0.72	1.10	0.96	1.07	0.93	0.86	1.10	
		Front Headset												0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	
		Back Headset												0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00



Table with columns for antenna types (All Bands FR1 Ant 1-10) and measurement points (Front, Back, Front Headset, Back Headset) across 20 frequency bands.



**Camera Mode:**

WWAN Band	WWAN Band	Exposure Position	1	2	3	4	5	6	7	8	9	10	1+2+6+9+10	1+2+7+9+10	1+2+3+6	1+2+3+7	1+2+4+6+9	1+2+4+7+9	1+2+8+9+10	1+2+5+8		
			WWAN	WWAN	WLAN 2.4GHz Ant 5	WLAN 2.4GHz Ant 6	WLAN 2.4GHz Ant 5+6	WLAN5 6GHz Ant 5	WLAN5 6GHz Ant 6	WLAN5 6GHz Ant 5+6	Bluetooth Ant 5	Bluetooth Ant 6	Summed	Summed	Summed	Summed	Summed	Summed	Summed	Summed	Summed	Summed
			1g SAR (W/kg)	1g SAR (W/kg)	1g SAR (W/kg)	1g SAR (W/kg)	1g SAR (W/kg)	1g SAR (W/kg)	1g SAR (W/kg)	1g SAR (W/kg)	1g SAR (W/kg)	1g SAR (W/kg)	1g SAR (W/kg)	1g SAR (W/kg)	1g SAR (W/kg)	1g SAR (W/kg)	1g SAR (W/kg)	1g SAR (W/kg)	1g SAR (W/kg)	1g SAR (W/kg)	1g SAR (W/kg)	1g SAR (W/kg)
All Bands LTE Ant 0	All Bands LTE Ant 1	Front	0.175	0.126	0.291	0.001	0.346	0.386	0.089	0.400	0.072	0.002	0.76	0.46	0.98	0.68	0.76	0.46	0.78	1.05		
		Back	0.195	0.172	0.272	0.111	0.332	0.556	0.243	0.550	0.078	0.006	1.01	0.69	1.20	0.88	1.11	0.80	1.00	1.25		
		Front Headset											0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00		
		Back Headset											0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00		
All Bands LTE Ant 0	All Bands LTE Ant 2	Front	0.175	0.197	0.291	0.001	0.346	0.386	0.089	0.400	0.072	0.002	0.83	0.54	1.05	0.75	0.83	0.53	0.85	1.12		
		Back	0.195	0.282	0.272	0.111	0.332	0.556	0.243	0.550	0.078	0.006	1.12	0.80	1.31	0.99	1.22	0.91	1.11	1.36		
		Front Headset											0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00		
		Back Headset											0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00		
All Bands LTE Ant 1	All Bands LTE Ant 2	Front	0.126	0.197	0.291	0.001	0.346	0.386	0.089	0.400	0.072	0.002	0.78	0.49	1.00	0.70	0.78	0.49	0.80	1.07		
		Back	0.172	0.282	0.272	0.111	0.332	0.556	0.243	0.550	0.078	0.006	1.09	0.78	1.28	0.97	1.20	0.89	1.09	1.34		
		Front Headset											0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00		
		Back Headset											0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00		
All Bands LTE Ant 1	All Bands LTE Ant 7	Front	0.126	0.110	0.291	0.001	0.346	0.386	0.089	0.400	0.072	0.002	0.70	0.40	0.91	0.62	0.70	0.40	0.71	0.98		
		Back	0.172	0.179	0.272	0.111	0.332	0.556	0.243	0.550	0.078	0.006	0.99	0.68	1.18	0.87	1.10	0.78	0.99	1.23		
		Front Headset											0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00		
		Back Headset											0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00		
All Bands LTE Ant 2	All Bands LTE Ant 7	Front	0.197	0.110	0.291	0.001	0.346	0.386	0.089	0.400	0.072	0.002	0.77	0.47	0.98	0.69	0.77	0.47	0.78	1.05		
		Back	0.282	0.179	0.272	0.111	0.332	0.556	0.243	0.550	0.078	0.006	1.10	0.79	1.29	0.98	1.21	0.89	1.10	1.34		
		Front Headset											0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00		
		Back Headset											0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00		

FR1 Band	FR1 Band	Exposure Position	1	2	3	4	5	6	7	8	9	10	1+2+6+9+10	1+2+7+9+10	1+2+3+6	1+2+3+7	1+2+4+6+9	1+2+4+7+9	1+2+8+9+10		
			FR1	FR1	WLAN 2.4GHz Ant 5	WLAN 2.4GHz Ant 6	WLAN 2.4GHz Ant 5+6	WLAN5 6GHz Ant 5	WLAN5 6GHz Ant 6	WLAN5 6GHz Ant 5+6	Bluetooth Ant 5	Bluetooth Ant 6	Summed	Summed	Summed	Summed	Summed	Summed	Summed	Summed	Summed
			1g SAR (W/kg)	1g SAR (W/kg)	1g SAR (W/kg)	1g SAR (W/kg)	1g SAR (W/kg)	1g SAR (W/kg)	1g SAR (W/kg)	1g SAR (W/kg)	1g SAR (W/kg)	1g SAR (W/kg)	1g SAR (W/kg)	1g SAR (W/kg)	1g SAR (W/kg)	1g SAR (W/kg)	1g SAR (W/kg)	1g SAR (W/kg)	1g SAR (W/kg)	1g SAR (W/kg)	1g SAR (W/kg)
All Bands FR1 Ant 0	All Bands FR1 Ant 1	Front	0.171	0.176	0.291	0.001	0.346	0.386	0.089	0.400	0.072	0.002	0.81	0.51	1.02	0.73	0.81	0.51	0.82		
		Back	0.166	0.205	0.272	0.111	0.332	0.556	0.243	0.550	0.078	0.006	1.01	0.70	1.20	0.89	1.12	0.80	1.01		
		Front Headset											0.00	0.00	0.00	0.00	0.00	0.00	0.00		
		Back Headset											0.00	0.00	0.00	0.00	0.00	0.00	0.00		
All Bands FR1 Ant 0	All Bands FR1 Ant 2	Front	0.171	0.254	0.291	0.001	0.346	0.386	0.089	0.400	0.072	0.002	0.89	0.59	1.10	0.81	0.88	0.59	0.90		
		Back	0.166	0.304	0.272	0.111	0.332	0.556	0.243	0.550	0.078	0.006	1.11	0.80	1.30	0.99	1.22	0.90	1.10		
		Front Headset											0.00	0.00	0.00	0.00	0.00	0.00	0.00		
		Back Headset											0.00	0.00	0.00	0.00	0.00	0.00	0.00		
All Bands FR1 Ant 0	All Bands FR1 Ant 7	Front	0.171	0.082	0.291	0.001	0.346	0.386	0.089	0.400	0.072	0.002	0.71	0.42	0.93	0.63	0.71	0.42	0.73		
		Back	0.166	0.119	0.272	0.111	0.332	0.556	0.243	0.550	0.078	0.006	0.93	0.61	1.11	0.80	1.03	0.72	0.92		
		Front Headset											0.00	0.00	0.00	0.00	0.00	0.00	0.00		
		Back Headset											0.00	0.00	0.00	0.00	0.00	0.00	0.00		
All Bands FR1 Ant 0	All Bands FR1 Ant 8	Front	0.171	0.232	0.291	0.001	0.346	0.386	0.089	0.400	0.072	0.002	0.86	0.57	1.08	0.78	0.86	0.57	0.88		
		Back	0.166	0.211	0.272	0.111	0.332	0.556	0.243	0.550	0.078	0.006	1.02	0.70	1.21	0.89	1.12	0.81	1.01		
		Front Headset											0.00	0.00	0.00	0.00	0.00	0.00	0.00		
		Back Headset											0.00	0.00	0.00	0.00	0.00	0.00	0.00		
All Bands FR1 Ant 0	All Bands FR1 Ant 9	Front	0.171	0.049	0.291	0.001	0.346	0.386	0.089	0.400	0.072	0.002	0.68	0.38	0.90	0.60	0.68	0.38	0.69		
		Back	0.166	0.317	0.272	0.111	0.332	0.556	0.243	0.550	0.078	0.006	1.12	0.81	1.31	1.00	1.23	0.92	1.12		
		Front Headset											0.00	0.00	0.00	0.00	0.00	0.00	0.00		
		Back Headset											0.00	0.00	0.00	0.00	0.00	0.00	0.00		
All Bands FR1 Ant 0	All Bands FR1 Ant 10	Front	0.171	0.013	0.291	0.001	0.346	0.386	0.089	0.400	0.072	0.002	0.64	0.35	0.86	0.56	0.64	0.35	0.66		
		Back	0.166	0.042	0.272	0.111	0.332	0.556	0.243	0.550	0.078	0.006	0.85	0.54	1.04	0.72	0.95	0.64	0.84		
		Front Headset											0.00	0.00	0.00	0.00	0.00	0.00	0.00		
		Back Headset											0.00	0.00	0.00	0.00	0.00	0.00	0.00		
All Bands FR1 Ant 1	All Bands FR1 Ant 2	Front	0.176	0.254	0.291	0.001	0.346	0.386	0.089	0.400	0.072	0.002	0.89	0.59	1.11	0.81	0.89	0.59	0.90		
		Back	0.205	0.304	0.272	0.111	0.332	0.556	0.243	0.550	0.078	0.006	1.15	0.84	1.34	1.02	1.25	0.94	1.14		



FCC SAR Test Report

Report No. : FA391308

		Front Headset											0.00	0.00	0.00	0.00	0.00	0.00	0.00	
		Back Headset											0.00	0.00	0.00	0.00	0.00	0.00	0.00	
All Bands FR1 Ant 1	All Bands FR1 Ant 7	Front	0.176	0.082	0.291	0.001	0.346	0.386	0.089	0.400	0.072	0.002	0.72	0.42	0.94	0.64	0.72	0.42	0.73	
		Back	0.205	0.119	0.272	0.111	0.332	0.556	0.243	0.550	0.078	0.006	0.96	0.65	1.15	0.84	1.07	0.76	0.96	
		Front Headset												0.00	0.00	0.00	0.00	0.00	0.00	0.00
		Back Headset												0.00	0.00	0.00	0.00	0.00	0.00	0.00
All Bands FR1 Ant 1	All Bands FR1 Ant 8	Front	0.176	0.232	0.291	0.001	0.346	0.386	0.089	0.400	0.072	0.002	0.87	0.57	1.09	0.79	0.87	0.57	0.88	
		Back	0.205	0.211	0.272	0.111	0.332	0.556	0.243	0.550	0.078	0.006	1.06	0.74	1.24	0.93	1.16	0.85	1.05	
		Front Headset												0.00	0.00	0.00	0.00	0.00	0.00	0.00
		Back Headset												0.00	0.00	0.00	0.00	0.00	0.00	0.00
All Bands FR1 Ant 1	All Bands FR1 Ant 9	Front	0.176	0.049	0.291	0.001	0.346	0.386	0.089	0.400	0.072	0.002	0.69	0.39	0.90	0.61	0.68	0.39	0.70	
		Back	0.205	0.317	0.272	0.111	0.332	0.556	0.243	0.550	0.078	0.006	1.16	0.85	1.35	1.04	1.27	0.95	1.16	
		Front Headset												0.00	0.00	0.00	0.00	0.00	0.00	0.00
		Back Headset												0.00	0.00	0.00	0.00	0.00	0.00	0.00
All Bands FR1 Ant 1	All Bands FR1 Ant 10	Front	0.176	0.013	0.291	0.001	0.346	0.386	0.089	0.400	0.072	0.002	0.65	0.35	0.87	0.57	0.65	0.35	0.66	
		Back	0.205	0.042	0.272	0.111	0.332	0.556	0.243	0.550	0.078	0.006	0.89	0.57	1.08	0.76	0.99	0.68	0.88	
		Front Headset												0.00	0.00	0.00	0.00	0.00	0.00	0.00
		Back Headset												0.00	0.00	0.00	0.00	0.00	0.00	0.00
All Bands FR1 Ant 2	All Bands FR1 Ant 7	Front	0.254	0.082	0.291	0.001	0.346	0.386	0.089	0.400	0.072	0.002	0.80	0.50	1.01	0.72	0.80	0.50	0.81	
		Back	0.304	0.119	0.272	0.111	0.332	0.556	0.243	0.550	0.078	0.006	1.06	0.75	1.25	0.94	1.17	0.86	1.06	
		Front Headset												0.00	0.00	0.00	0.00	0.00	0.00	0.00
		Back Headset												0.00	0.00	0.00	0.00	0.00	0.00	0.00
All Bands FR1 Ant 2	All Bands FR1 Ant 8	Front	0.254	0.232	0.291	0.001	0.346	0.386	0.089	0.400	0.072	0.002	0.95	0.65	1.16	0.87	0.95	0.65	0.96	
		Back	0.304	0.211	0.272	0.111	0.332	0.556	0.243	0.550	0.078	0.006	1.16	0.84	1.34	1.03	1.26	0.95	1.15	
		Front Headset												0.00	0.00	0.00	0.00	0.00	0.00	0.00
		Back Headset												0.00	0.00	0.00	0.00	0.00	0.00	0.00
All Bands FR1 Ant 2	All Bands FR1 Ant 9	Front	0.254	0.049	0.291	0.001	0.346	0.386	0.089	0.400	0.072	0.002	0.76	0.47	0.98	0.68	0.76	0.47	0.78	
		Back	0.304	0.317	0.272	0.111	0.332	0.556	0.243	0.550	0.078	0.006	1.26	0.95	1.45	1.14	1.37	1.05	1.26	
		Front Headset												0.00	0.00	0.00	0.00	0.00	0.00	0.00
		Back Headset												0.00	0.00	0.00	0.00	0.00	0.00	0.00
All Bands FR1 Ant 2	All Bands FR1 Ant 10	Front	0.254	0.013	0.291	0.001	0.346	0.386	0.089	0.400	0.072	0.002	0.73	0.43	0.94	0.65	0.73	0.43	0.74	
		Back	0.304	0.042	0.272	0.111	0.332	0.556	0.243	0.550	0.078	0.006	0.99	0.67	1.17	0.86	1.09	0.78	0.98	
		Front Headset												0.00	0.00	0.00	0.00	0.00	0.00	0.00
		Back Headset												0.00	0.00	0.00	0.00	0.00	0.00	0.00
All Bands FR1 Ant 7	All Bands FR1 Ant 8	Front	0.082	0.232	0.291	0.001	0.346	0.386	0.089	0.400	0.072	0.002	0.77	0.48	0.99	0.69	0.77	0.48	0.79	
		Back	0.119	0.211	0.272	0.111	0.332	0.556	0.243	0.550	0.078	0.006	0.97	0.66	1.16	0.85	1.08	0.76	0.96	
		Front Headset												0.00	0.00	0.00	0.00	0.00	0.00	0.00
		Back Headset												0.00	0.00	0.00	0.00	0.00	0.00	0.00
All Bands FR1 Ant 7	All Bands FR1 Ant 9	Front	0.082	0.049	0.291	0.001	0.346	0.386	0.089	0.400	0.072	0.002	0.59	0.29	0.81	0.51	0.59	0.29	0.61	
		Back	0.119	0.317	0.272	0.111	0.332	0.556	0.243	0.550	0.078	0.006	1.08	0.76	1.26	0.95	1.18	0.87	1.07	
		Front Headset												0.00	0.00	0.00	0.00	0.00	0.00	0.00
		Back Headset												0.00	0.00	0.00	0.00	0.00	0.00	0.00



<ENDC Mode>

Normal Mode:

WWAN Band	FR1 Band	Exposure Position	1	2	1+2
			WWAN	FR1	Summed
			1g SAR (W/kg)	1g SAR (W/kg)	1g SAR (W/kg)
All Bands LTE Ant 0	All Bands FR1 Ant 1	Front	0.362	0.260	0.62
		Back	0.406	0.338	0.74
		Front Headset			0.00
		Back Headset			0.00
All Bands LTE Ant 0	All Bands FR1 Ant 2	Front	0.362	0.385	0.75
		Back	0.406	0.525	0.93
		Front Headset			0.00
		Back Headset			0.00
All Bands LTE Ant 0	All Bands FR1 Ant 7	Front	0.362	0.166	0.53
		Back	0.406	0.232	0.64
		Front Headset			0.00
		Back Headset			0.00
All Bands LTE Ant 0	All Bands FR1 Ant 8	Front	0.362	0.088	0.45
		Back	0.406	0.097	0.50
		Front Headset			0.00
		Back Headset			0.00
All Bands LTE Ant 0	All Bands FR1 Ant 9	Front	0.362	0.099	0.46
		Back	0.406	0.633	1.04
		Front Headset			0.00
		Back Headset			0.00
All Bands LTE Ant 0	All Bands FR1 Ant 10	Front	0.362	0.026	0.39
		Back	0.406	0.087	0.49
		Front Headset			0.00
		Back Headset			0.00
All Bands LTE Ant 1	All Bands FR1 Ant 0	Front	0.261	0.330	0.59
		Back	0.350	0.349	0.70
		Front Headset			0.00
		Back Headset			0.00
All Bands LTE Ant 1	All Bands FR1 Ant 2	Front	0.261	0.385	0.65
		Back	0.350	0.525	0.88
		Front Headset			0.00
		Back Headset			0.00
All Bands LTE Ant 1	All Bands FR1 Ant 7	Front	0.261	0.166	0.43
		Back	0.350	0.232	0.58
		Front Headset			0.00
		Back Headset			0.00
All Bands LTE Ant 1	All Bands FR1 Ant 8	Front	0.261	0.088	0.35
		Back	0.350	0.097	0.45
		Front Headset			0.00
		Back Headset			0.00
All Bands LTE Ant 1	All Bands FR1 Ant 9	Front	0.261	0.099	0.36
		Back	0.350	0.633	0.98
		Front Headset			0.00
		Back Headset			0.00
All Bands LTE Ant 1	All Bands FR1 Ant 10	Front	0.261	0.026	0.29
		Back	0.350	0.087	0.44
		Front Headset			0.00
		Back Headset			0.00
All Bands LTE Ant 2	All Bands FR1 Ant 0	Front	0.353	0.330	0.68
		Back	0.576	0.349	0.93
		Front Headset			0.00



		Back Headset			0.00
All Bands LTE Ant 2	All Bands FR1 Ant 1	Front	0.353	0.260	0.61
		Back	0.576	0.338	0.91
		Front Headset			0.00
		Back Headset			0.00
All Bands LTE Ant 2	All Bands FR1 Ant 7	Front	0.353	0.166	0.52
		Back	0.576	0.232	0.81
		Front Headset			0.00
		Back Headset			0.00
All Bands LTE Ant 2	All Bands FR1 Ant 8	Front	0.353	0.088	0.44
		Back	0.576	0.097	0.67
		Front Headset			0.00
		Back Headset			0.00
All Bands LTE Ant 2	All Bands FR1 Ant 9	Front	0.353	0.099	0.45
		Back	0.576	0.633	1.21
		Front Headset			0.00
		Back Headset			0.00
All Bands LTE Ant 2	All Bands FR1 Ant 10	Front	0.353	0.026	0.38
		Back	0.576	0.087	0.66
		Front Headset			0.00
		Back Headset			0.00
All Bands LTE Ant 7	All Bands FR1 Ant 1	Front	0.144	0.260	0.40
		Back	0.217	0.338	0.56
		Front Headset			0.00
		Back Headset			0.00
All Bands LTE Ant 7	All Bands FR1 Ant 2	Front	0.144	0.385	0.53
		Back	0.217	0.525	0.74
		Front Headset			0.00
		Back Headset			0.00





WWAN Band	FR1 Band	Exposure Position	1	2	3	4	5	6	7	8	9	10	1+2+6+9+10	1+2+7+9+10	1+2+3+6	1+2+3+7	1+2+4+6+9	1+2+4+7+9	1+2+8+9+10	1+2+5+8	
			WWAN	FR1	WLAN 2.4GHz Ant 5	WLAN 2.4GHz Ant 4	WLAN 2.4GHz Ant 5+4	WLAN5/6GHz Ant 5	WLAN5/6GHz Ant 4	WLAN5/6GHz Ant 5+4	Bluetooth Ant 5	Bluetooth Ant 4	Summed	Summed	Summed	Summed	Summed	Summed	Summed	Summed	Summed
			1g SAR (W/kg)	1g SAR (W/kg)	1g SAR (W/kg)	1g SAR (W/kg)	1g SAR (W/kg)	1g SAR (W/kg)	1g SAR (W/kg)	1g SAR (W/kg)	1g SAR (W/kg)	1g SAR (W/kg)	1g SAR (W/kg)	1g SAR (W/kg)	1g SAR (W/kg)	1g SAR (W/kg)	1g SAR (W/kg)	1g SAR (W/kg)	1g SAR (W/kg)	1g SAR (W/kg)	1g SAR (W/kg)
All Bands LTE Ant 0	All Bands FR1 Ant 1	Front	0.286	0.260	0.346	0.191	0.335	0.430	0.312	0.426	0.072	0.004	1.05	0.93	1.32	1.20	1.24	1.12	1.05	1.31	
		Back	0.320	0.338	0.326	0.215	0.331	0.567	0.426	0.561	0.078	0.011	1.31	1.17	1.55	1.41	1.52	1.38	1.31	1.55	
		Front Headset											0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	
		Back Headset											0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	
All Bands LTE Ant 0	All Bands FR1 Ant 2	Front	0.286	0.262	0.346	0.191	0.335	0.430	0.312	0.426	0.072	0.004	1.05	0.94	1.32	1.21	1.24	1.12	1.05	1.31	
		Back	0.320	0.317	0.326	0.215	0.331	0.567	0.426	0.561	0.078	0.011	1.29	1.15	1.53	1.39	1.50	1.36	1.29	1.53	
		Front Headset											0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	
		Back Headset											0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	
All Bands LTE Ant 0	All Bands FR1 Ant 7	Front	0.286	0.166	0.346	0.191	0.335	0.430	0.312	0.426	0.072	0.004	0.96	0.84	1.23	1.11	1.15	1.03	0.95	1.21	
		Back	0.320	0.232	0.326	0.215	0.331	0.567	0.426	0.561	0.078	0.011	1.21	1.07	1.45	1.30	1.41	1.27	1.20	1.44	
		Front Headset											0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	
		Back Headset											0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	
All Bands LTE Ant 0	All Bands FR1 Ant 8	Front	0.286	0.088	0.346	0.191	0.335	0.430	0.312	0.426	0.072	0.004	0.88	0.76	1.15	1.03	1.07	0.95	0.88	1.14	
		Back	0.320	0.097	0.326	0.215	0.331	0.567	0.426	0.561	0.078	0.011	1.07	0.93	1.31	1.17	1.28	1.14	1.07	1.31	
		Front Headset											0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	
		Back Headset											0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	
All Bands LTE Ant 0	All Bands FR1 Ant 9	Front	0.286	0.056	0.346	0.191	0.335	0.430	0.312	0.426	0.072	0.004	0.85	0.73	1.12	1.00	1.04	0.92	0.84	1.10	
		Back	0.320	0.317	0.326	0.215	0.331	0.567	0.426	0.561	0.078	0.011	1.29	1.15	1.53	1.39	1.50	1.36	1.29	1.53	
		Front Headset											0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	
		Back Headset											0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	
All Bands LTE Ant 0	All Bands FR1 Ant 10	Front	0.286	0.026	0.346	0.191	0.335	0.430	0.312	0.426	0.072	0.004	0.82	0.70	1.09	0.97	1.01	0.89	0.81	1.07	
		Back	0.320	0.087	0.326	0.215	0.331	0.567	0.426	0.561	0.078	0.011	1.06	0.92	1.30	1.16	1.27	1.13	1.06	1.30	
		Front Headset											0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	
		Back Headset											0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	
All Bands LTE Ant 1	All Bands FR1 Ant 0	Front	0.261	0.330	0.346	0.191	0.335	0.430	0.312	0.426	0.072	0.004	1.10	0.98	1.37	1.25	1.28	1.17	1.09	1.35	
		Back	0.350	0.349	0.326	0.215	0.331	0.567	0.426	0.561	0.078	0.011	1.36	1.21	1.59	1.45	1.56	1.42	1.35	1.59	
		Front Headset											0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	
		Back Headset											0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	
All Bands LTE Ant 1	All Bands FR1 Ant 2	Front	0.261	0.262	0.346	0.191	0.335	0.430	0.312	0.426	0.072	0.004	1.03	0.91	1.30	1.18	1.22	1.10	1.03	1.28	
		Back	0.350	0.317	0.326	0.215	0.331	0.567	0.426	0.561	0.078	0.011	1.32	1.18	1.56	1.42	1.53	1.39	1.32	1.56	
		Front Headset											0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	
		Back Headset											0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	
All Bands LTE Ant 1	All Bands FR1 Ant 7	Front	0.261	0.166	0.346	0.191	0.335	0.430	0.312	0.426	0.072	0.004	0.93	0.82	1.20	1.09	1.12	1.00	0.93	1.19	
		Back	0.350	0.232	0.326	0.215	0.331	0.567	0.426	0.561	0.078	0.011	1.24	1.10	1.48	1.33	1.44	1.30	1.23	1.47	
		Front Headset											0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	
		Back Headset											0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	
All Bands LTE Ant 1	All Bands FR1 Ant 8	Front	0.261	0.088	0.346	0.191	0.335	0.430	0.312	0.426	0.072	0.004	0.86	0.74	1.13	1.01	1.04	0.92	0.85	1.11	
		Back	0.350	0.097	0.326	0.215	0.331	0.567	0.426	0.561	0.078	0.011	1.10	0.96	1.34	1.20	1.31	1.17	1.10	1.34	
		Front Headset											0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	
		Back Headset											0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	
All Bands LTE Ant 1	All Bands FR1 Ant 9	Front	0.261	0.056	0.346	0.191	0.335	0.430	0.312	0.426	0.072	0.004	0.82	0.71	1.09	0.98	1.01	0.89	0.82	1.08	
		Back	0.350	0.317	0.326	0.215	0.331	0.567	0.426	0.561	0.078	0.011	1.32	1.18	1.56	1.42	1.53	1.39	1.32	1.56	
		Front Headset											0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	
		Back Headset											0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	
All Bands LTE Ant 1	All Bands FR1 Ant 10	Front	0.261	0.026	0.346	0.191	0.335	0.430	0.312	0.426	0.072	0.004	0.79	0.68	1.06	0.95	0.98	0.86	0.79	1.05	
		Back	0.350	0.087	0.326	0.215	0.331	0.567	0.426	0.561	0.078	0.011	1.09	0.95	1.33	1.19	1.30	1.16	1.09	1.33	
		Front Headset											0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	
		Back Headset											0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	



All Bands LTE Ant 2	All Bands FR1 Ant 0	Front	0.262	0.330	0.346	0.191	0.335	0.430	0.312	0.426	0.072	0.004	1.10	0.98	1.37	1.25	1.29	1.17	1.09	1.35	
		Back	0.298	0.349	0.326	0.215	0.331	0.567	0.426	0.561	0.078	0.011	1.30	1.16	1.54	1.40	1.51	1.37	1.30	1.54	
		Front Headset												0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
		Back Headset												0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
All Bands LTE Ant 2	All Bands FR1 Ant 1	Front	0.262	0.260	0.346	0.191	0.335	0.430	0.312	0.426	0.072	0.004	1.03	0.91	1.30	1.18	1.22	1.10	1.02	1.28	
		Back	0.298	0.338	0.326	0.215	0.331	0.567	0.426	0.561	0.078	0.011	1.29	1.15	1.53	1.39	1.50	1.36	1.29	1.53	
		Front Headset												0.00	0.00	0.00	0.00	0.00	0.00	0.00	
		Back Headset												0.00	0.00	0.00	0.00	0.00	0.00	0.00	
All Bands LTE Ant 2	All Bands FR1 Ant 7	Front	0.262	0.166	0.346	0.191	0.335	0.430	0.312	0.426	0.072	0.004	0.93	0.82	1.20	1.09	1.12	1.00	0.93	1.19	
		Back	0.298	0.232	0.326	0.215	0.331	0.567	0.426	0.561	0.078	0.011	1.19	1.05	1.42	1.28	1.39	1.25	1.18	1.42	
		Front Headset												0.00	0.00	0.00	0.00	0.00	0.00	0.00	
		Back Headset												0.00	0.00	0.00	0.00	0.00	0.00	0.00	
All Bands LTE Ant 2	All Bands FR1 Ant 8	Front	0.262	0.088	0.346	0.191	0.335	0.430	0.312	0.426	0.072	0.004	0.86	0.74	1.13	1.01	1.04	0.93	0.85	1.11	
		Back	0.298	0.097	0.326	0.215	0.331	0.567	0.426	0.561	0.078	0.011	1.05	0.91	1.29	1.15	1.26	1.11	1.05	1.29	
		Front Headset												0.00	0.00	0.00	0.00	0.00	0.00	0.00	
		Back Headset												0.00	0.00	0.00	0.00	0.00	0.00	0.00	
All Bands LTE Ant 2	All Bands FR1 Ant 9	Front	0.262	0.056	0.346	0.191	0.335	0.430	0.312	0.426	0.072	0.004	0.82	0.71	1.09	0.98	1.01	0.89	0.82	1.08	
		Back	0.298	0.317	0.326	0.215	0.331	0.567	0.426	0.561	0.078	0.011	1.27	1.13	1.51	1.37	1.48	1.33	1.27	1.51	
		Front Headset												0.00	0.00	0.00	0.00	0.00	0.00	0.00	
		Back Headset												0.00	0.00	0.00	0.00	0.00	0.00	0.00	
All Bands LTE Ant 2	All Bands FR1 Ant 10	Front	0.262	0.026	0.346	0.191	0.335	0.430	0.312	0.426	0.072	0.004	0.79	0.68	1.06	0.95	0.98	0.86	0.79	1.05	
		Back	0.298	0.087	0.326	0.215	0.331	0.567	0.426	0.561	0.078	0.011	1.04	0.90	1.28	1.14	1.25	1.10	1.04	1.28	
		Front Headset												0.00	0.00	0.00	0.00	0.00	0.00	0.00	
		Back Headset												0.00	0.00	0.00	0.00	0.00	0.00	0.00	
All Bands LTE Ant 7	All Bands FR1 Ant 1	Front	0.144	0.260	0.346	0.191	0.335	0.430	0.312	0.426	0.072	0.004	0.91	0.79	1.18	1.06	1.10	0.98	0.91	1.17	
		Back	0.217	0.338	0.326	0.215	0.331	0.567	0.426	0.561	0.078	0.011	1.21	1.07	1.45	1.31	1.42	1.27	1.21	1.45	
		Front Headset												0.00	0.00	0.00	0.00	0.00	0.00	0.00	
		Back Headset												0.00	0.00	0.00	0.00	0.00	0.00	0.00	
All Bands LTE Ant 7	All Bands FR1 Ant 2	Front	0.144	0.262	0.346	0.191	0.335	0.430	0.312	0.426	0.072	0.004	0.91	0.79	1.18	1.06	1.10	0.98	0.91	1.17	
		Back	0.217	0.317	0.326	0.215	0.331	0.567	0.426	0.561	0.078	0.011	1.19	1.05	1.43	1.29	1.39	1.25	1.18	1.43	
		Front Headset												0.00	0.00	0.00	0.00	0.00	0.00	0.00	
		Back Headset												0.00	0.00	0.00	0.00	0.00	0.00	0.00	



Camera Mode:

Table with columns: WWAN Band, FR1 Band, Exposure Position, and SAR values for various frequency bands and antenna configurations. Includes sub-headers for WWAN, FR1, WLAN, and Bluetooth bands.



**FCC SAR Test Report**

**Report No. : FA391308**

LTE Ant 2	FR1 Ant 0	Back	0.298	0.349	0.272	0.111	0.332	0.556	0.243	0.550	0.078	0.006	1.29	0.97	1.48	1.16	1.39	1.08	1.28	1.53	
		Front Headset												0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
		Back Headset												0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
All Bands LTE Ant 2	All Bands FR1 Ant 1	Front	0.262	0.260	0.291	0.001	0.346	0.386	0.089	0.400	0.072	0.002	0.98	0.69	1.20	0.90	0.98	0.68	1.00	1.27	
		Back	0.298	0.338	0.272	0.111	0.332	0.556	0.243	0.550	0.078	0.006	1.28	0.96	1.46	1.15	1.38	1.07	1.27	1.52	
		Front Headset												0.00	0.00	0.00	0.00	0.00	0.00	0.00	
		Back Headset												0.00	0.00	0.00	0.00	0.00	0.00	0.00	
All Bands LTE Ant 2	All Bands FR1 Ant 7	Front	0.262	0.166	0.291	0.001	0.346	0.386	0.089	0.400	0.072	0.002	0.89	0.59	1.11	0.81	0.89	0.59	0.90	1.17	
		Back	0.298	0.232	0.272	0.111	0.332	0.556	0.243	0.550	0.078	0.006	1.17	0.86	1.36	1.05	1.28	0.96	1.16	1.41	
		Front Headset												0.00	0.00	0.00	0.00	0.00	0.00	0.00	
		Back Headset												0.00	0.00	0.00	0.00	0.00	0.00	0.00	
All Bands LTE Ant 2	All Bands FR1 Ant 8	Front	0.262	0.088	0.291	0.001	0.346	0.386	0.089	0.400	0.072	0.002	0.81	0.51	1.03	0.73	0.81	0.51	0.82	1.10	
		Back	0.298	0.097	0.272	0.111	0.332	0.556	0.243	0.550	0.078	0.006	1.04	0.72	1.22	0.91	1.14	0.83	1.03	1.28	
		Front Headset												0.00	0.00	0.00	0.00	0.00	0.00	0.00	
		Back Headset												0.00	0.00	0.00	0.00	0.00	0.00	0.00	
All Bands LTE Ant 2	All Bands FR1 Ant 9	Front	0.262	0.056	0.291	0.001	0.346	0.386	0.089	0.400	0.072	0.002	0.78	0.48	1.00	0.70	0.78	0.48	0.79	1.06	
		Back	0.298	0.317	0.272	0.111	0.332	0.556	0.243	0.550	0.078	0.006	1.26	0.94	1.44	1.13	1.36	1.05	1.25	1.50	
		Front Headset												0.00	0.00	0.00	0.00	0.00	0.00	0.00	
		Back Headset												0.00	0.00	0.00	0.00	0.00	0.00	0.00	
All Bands LTE Ant 2	All Bands FR1 Ant 10	Front	0.262	0.026	0.291	0.001	0.346	0.386	0.089	0.400	0.072	0.002	0.75	0.45	0.97	0.67	0.75	0.45	0.76	1.03	
		Back	0.298	0.087	0.272	0.111	0.332	0.556	0.243	0.550	0.078	0.006	1.03	0.71	1.21	0.90	1.13	0.82	1.02	1.27	
		Front Headset												0.00	0.00	0.00	0.00	0.00	0.00	0.00	
		Back Headset												0.00	0.00	0.00	0.00	0.00	0.00	0.00	
All Bands LTE Ant 7	All Bands FR1 Ant 1	Front	0.144	0.260	0.291	0.001	0.346	0.386	0.089	0.400	0.072	0.002	0.86	0.57	1.08	0.78	0.86	0.57	0.88	1.15	
		Back	0.217	0.338	0.272	0.111	0.332	0.556	0.243	0.550	0.078	0.006	1.20	0.88	1.38	1.07	1.30	0.99	1.19	1.44	
		Front Headset												0.00	0.00	0.00	0.00	0.00	0.00	0.00	
		Back Headset												0.00	0.00	0.00	0.00	0.00	0.00	0.00	
All Bands LTE Ant 7	All Bands FR1 Ant 2	Front	0.144	0.262	0.291	0.001	0.346	0.386	0.089	0.400	0.072	0.002	0.87	0.57	1.08	0.79	0.87	0.57	0.88	1.15	
		Back	0.217	0.317	0.272	0.111	0.332	0.556	0.243	0.550	0.078	0.006	1.17	0.86	1.36	1.05	1.28	0.97	1.17	1.42	
		Front Headset												0.00	0.00	0.00	0.00	0.00	0.00	0.00	
		Back Headset												0.00	0.00	0.00	0.00	0.00	0.00	0.00	



<UL MIMO>

Normal Mode:

FR1 Band	FR1 Band	Exposure Position	1	2	1+2
			FR1	FR1	Summed
			1g SAR (W/kg)	1g SAR (W/kg)	1g SAR (W/kg)
FR1 n41 UL MIMO Ant 1	FR1 n41 UL MIMO Ant 8	Front	0.179	0.231	0.41
		Back	0.198	0.194	0.39
		Front Headset			0.00
		Back Headset			0.00
FR1 n41 UL MIMO Ant 1	FR1 n41 UL MIMO Ant 9	Front	0.179	0.017	0.20
		Back	0.198	0.064	0.26
		Front at 15mm Headset			0.00
		Back at 15mm Headset			0.00
FR1 n41 UL MIMO Ant 2	FR1 n41 UL MIMO Ant 8	Front	0.254	0.231	0.49
		Back	0.325	0.194	0.52
		Front at 15mm Headset			0.00
		Back at 15mm Headset			0.00
FR1 n41 UL MIMO Ant 2	FR1 n41 UL MIMO Ant 9	Front	0.254	0.017	0.27
		Back	0.325	0.064	0.39
		Front at 15mm Headset			0.00
		Back at 15mm Headset			0.00

FR1 Band	FR1 Band	Exposure Position	1	2	3	4	5	6	7	8	9	10	1+2+6+9+10	1+2+7+9+10	1+2+3+6	1+2+3+7	1+2+4+6+9	1+2+4+7+9	1+2+8+9+10	1+2+5+8	
			FR1	FR1	WLAN 2.4GHz Ant 5	WLAN 2.4GHz Ant 4	WLAN 2.4GHz Ant 5+4	WLAN5/6GHz Ant 5	WLAN5/6GHz Ant 4	WLAN5/6GHz Ant 5+4	Bluetooth Ant 5	Bluetooth Ant 4	Summed	Summed	Summed	Summed	Summed	Summed	Summed	Summed	Summed
			1g SAR (W/kg)	1g SAR (W/kg)	1g SAR (W/kg)	1g SAR (W/kg)	1g SAR (W/kg)	1g SAR (W/kg)	1g SAR (W/kg)	1g SAR (W/kg)	1g SAR (W/kg)	1g SAR (W/kg)	1g SAR (W/kg)	1g SAR (W/kg)	1g SAR (W/kg)	1g SAR (W/kg)	1g SAR (W/kg)	1g SAR (W/kg)	1g SAR (W/kg)	1g SAR (W/kg)	1g SAR (W/kg)
FR1 n41 UL MIMO Ant 1	FR1 n41 UL MIMO Ant 8	Front	0.179	0.231	0.346	0.191	0.335	0.430	0.312	0.426	0.072	0.004	0.92	0.80	1.19	1.07	1.10	0.99	0.91	1.17	
		Back	0.198	0.194	0.326	0.215	0.331	0.567	0.426	0.561	0.078	0.011	1.05	0.91	1.29	1.14	1.25	1.11	1.04	1.28	
		Front Headset												0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
		Back Headset												0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
FR1 n41 UL MIMO Ant 1	FR1 n41 UL MIMO Ant 9	Front	0.179	0.017	0.346	0.191	0.335	0.430	0.312	0.426	0.072	0.004	0.70	0.58	0.97	0.85	0.89	0.77	0.70	0.96	
		Back	0.198	0.064	0.326	0.215	0.331	0.567	0.426	0.561	0.078	0.011	0.92	0.78	1.16	1.01	1.12	0.98	0.91	1.15	
		Front Headset												0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
		Back Headset												0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
FR1 n41 UL MIMO Ant 2	FR1 n41 UL MIMO Ant 8	Front	0.254	0.231	0.346	0.191	0.335	0.430	0.312	0.426	0.072	0.004	0.99	0.87	1.26	1.14	1.18	1.06	0.99	1.25	
		Back	0.325	0.194	0.326	0.215	0.331	0.567	0.426	0.561	0.078	0.011	1.18	1.03	1.41	1.27	1.38	1.24	1.17	1.41	
		Front Headset												0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
		Back Headset												0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
FR1 n41 UL MIMO Ant 2	FR1 n41 UL MIMO Ant 9	Front	0.254	0.017	0.346	0.191	0.335	0.430	0.312	0.426	0.072	0.004	0.78	0.66	1.05	0.93	0.96	0.85	0.77	1.03	
		Back	0.325	0.064	0.326	0.215	0.331	0.567	0.426	0.561	0.078	0.011	1.05	0.90	1.28	1.14	1.25	1.11	1.04	1.28	
		Front Headset												0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
		Back Headset												0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00



Camera Mode:

FR1 Band	FR1 Band	Exposure Position	1	2	3	4	5	6	7	8	9	10	1+2+6+9+10	1+2+7+9+10	1+2+3+6	1+2+3+7	1+2+4+6+9	1+2+4+7+9	1+2+8+9+10	1+2+5+8	
			FR1	FR1	WLAN 2.4GHz Ant 5	WLAN 2.4GHz Ant 6	WLAN 2.4GHz Ant 5+6	WLAN5/6GHz Ant 5	WLAN5/6GHz Ant 6	WLAN5/6GHz Ant 5+6	Bluetooth Ant 5	Bluetooth Ant 6	Summed	Summed	Summed	Summed	Summed	Summed	Summed	Summed	Summed
			1g SAR (W/kg)	1g SAR (W/kg)	1g SAR (W/kg)	1g SAR (W/kg)	1g SAR (W/kg)	1g SAR (W/kg)	1g SAR (W/kg)	1g SAR (W/kg)	1g SAR (W/kg)	1g SAR (W/kg)	1g SAR (W/kg)	1g SAR (W/kg)	1g SAR (W/kg)	1g SAR (W/kg)	1g SAR (W/kg)	1g SAR (W/kg)	1g SAR (W/kg)	1g SAR (W/kg)	1g SAR (W/kg)
FR1 n41 UL MIMO Ant 1	FR1 n41 UL MIMO Ant 8	Front	0.179	0.231	0.291	0.001	0.346	0.386	0.089	0.400	0.072	0.002	0.87	0.57	1.09	0.79	0.87	0.57	0.88	1.16	
		Back	0.198	0.194	0.272	0.111	0.332	0.556	0.243	0.550	0.078	0.006	1.03	0.72	1.22	0.91	1.14	0.82	1.03	1.27	
		Front Headset											0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	
		Back Headset											0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	
FR1 n41 UL MIMO Ant 1	FR1 n41 UL MIMO Ant 9	Front	0.179	0.017	0.291	0.001	0.346	0.386	0.089	0.400	0.072	0.002	0.66	0.36	0.87	0.58	0.66	0.36	0.67	0.94	
		Back	0.198	0.064	0.272	0.111	0.332	0.556	0.243	0.550	0.078	0.006	0.90	0.59	1.09	0.78	1.01	0.69	0.90	1.14	
		Front Headset											0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	
		Back Headset											0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	
FR1 n41 UL MIMO Ant 2	FR1 n41 UL MIMO Ant 8	Front	0.254	0.231	0.291	0.001	0.346	0.386	0.089	0.400	0.072	0.002	0.95	0.65	1.16	0.87	0.94	0.65	0.96	1.23	
		Back	0.325	0.194	0.272	0.111	0.332	0.556	0.243	0.550	0.078	0.006	1.16	0.85	1.35	1.03	1.26	0.95	1.15	1.40	
		Front Headset											0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	
		Back Headset											0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	
FR1 n41 UL MIMO Ant 2	FR1 n41 UL MIMO Ant 9	Front	0.254	0.017	0.291	0.001	0.346	0.386	0.089	0.400	0.072	0.002	0.73	0.43	0.95	0.65	0.73	0.43	0.75	1.02	
		Back	0.325	0.064	0.272	0.111	0.332	0.556	0.243	0.550	0.078	0.006	1.03	0.72	1.22	0.90	1.13	0.82	1.02	1.27	
		Front Headset											0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	
		Back Headset											0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	



15.4 Product specific 10g SAR Exposure Conditions

Remark:

- For WLAN2.4GHz/Bluetooth Product specific 10g stand-alone SAR is not required for a transmitter or antenna, due to 1g hotspot SAR is <1.2W/kg.

Normal Mode:

WWAN Band	Exposure Position	1	6	7	8	11	1+6+11	1+7+11	1+8+11
		WWAN	WLAN5/6GHz Ant 5	WLAN5/6GHz Ant 4	WLAN5/6GHz Ant 5+4	NFC	Summed	Summed	Summed
		10g SAR (W/kg)	10g SAR (W/kg)	10g SAR (W/kg)	10g SAR (W/kg)	10g SAR (W/kg)	10g SAR (W/kg)	10g SAR (W/kg)	10g SAR (W/kg)
All Bands Ant 0	Front		2.053	1.946	2.012		2.05	1.95	2.01
	Back		0.844	0.929	0.798	0.006	0.85	0.94	0.80
	Left side						0.00	0.00	0.00
	Right side		2.882	0.798	2.645		2.88	0.80	2.65
	Top side		0.047	2.540	1.106		0.05	2.54	1.11
	Bottom side						0.00	0.00	0.00
All Bands Ant 1	Front		2.053	1.946	2.012		2.05	1.95	2.01
	Back		0.844	0.929	0.798	0.006	0.85	0.94	0.80
	Left side						0.00	0.00	0.00
	Right side		2.882	0.798	2.645		2.88	0.80	2.65
	Top side		0.047	2.540	1.106		0.05	2.54	1.11
	Bottom side						0.00	0.00	0.00
All Bands Ant 2	Front		2.053	1.946	2.012		2.05	1.95	2.01
	Back		0.844	0.929	0.798	0.006	0.85	0.94	0.80
	Left side	3.169					3.17	3.17	3.17
	Right side		2.882	0.798	2.645		2.88	0.80	2.65
	Top side		0.047	2.540	1.106		0.05	2.54	1.11
	Bottom side						0.00	0.00	0.00
All Bands Ant 7	Front		2.053	1.946	2.012		2.05	1.95	2.01
	Back		0.844	0.929	0.798	0.006	0.85	0.94	0.80
	Left side						0.00	0.00	0.00
	Right side		2.882	0.798	2.645		2.88	0.80	2.65
	Top side		0.047	2.540	1.106		0.05	2.54	1.11
	Bottom side						0.00	0.00	0.00
All Bands Ant 8	Front		2.053	1.946	2.012		2.05	1.95	2.01
	Back		0.844	0.929	0.798	0.006	0.85	0.94	0.80
	Left side						0.00	0.00	0.00
	Right side		2.882	0.798	2.645		2.88	0.80	2.65
	Top side		0.047	2.540	1.106		0.05	2.54	1.11
	Bottom side						0.00	0.00	0.00
All Bands Ant 9	Front		2.053	1.946	2.012		2.05	1.95	2.01
	Back		0.844	0.929	0.798	0.006	0.85	0.94	0.80
	Left side						0.00	0.00	0.00
	Right side		2.882	0.798	2.645		2.88	0.80	2.65
	Top side		0.047	2.540	1.106		0.05	2.54	1.11
	Bottom side						0.00	0.00	0.00
All Bands Ant 10	Front		2.053	1.946	2.012		2.05	1.95	2.01
	Back		0.844	0.929	0.798	0.006	0.85	0.94	0.80
	Left side						0.00	0.00	0.00
	Right side		2.882	0.798	2.645		2.88	0.80	2.65
	Top side		0.047	2.540	1.106		0.05	2.54	1.11
	Bottom side						0.00	0.00	0.00



Camera Mode:

WWAN Band	Exposure Position	1	6	7	8	11	1+6+11	1+7+11	1+8+11
		WWAN	WLAN5/6GHz Ant 5	WLAN5/6GHz Ant 6	WLAN5/6GHz Ant 5+6	NFC	Summed	Summed	Summed
		10g SAR (W/kg)	10g SAR (W/kg)	10g SAR (W/kg)	10g SAR (W/kg)	10g SAR (W/kg)	10g SAR (W/kg)	10g SAR (W/kg)	10g SAR (W/kg)
All Bands Ant 0	Front		1.988	0.235	1.843		1.99	0.24	1.84
	Back		0.848	0.280	1.066	0.006	0.85	0.29	1.07
	Left side		0.029	0.746	0.278		0.03	0.75	0.28
	Right side		2.972	0.326	2.993		2.97	0.33	2.99
	Top side		0.008	0.390	0.187		0.01	0.39	0.19
	Bottom side						0.00	0.00	0.00
All Bands Ant 1	Front		1.988	0.235	1.843		1.99	0.24	1.84
	Back		0.848	0.280	1.066	0.006	0.85	0.29	1.07
	Left side		0.029	0.746	0.278		0.03	0.75	0.28
	Right side		2.972	0.326	2.993		2.97	0.33	2.99
	Top side		0.008	0.390	0.187		0.01	0.39	0.19
	Bottom side						0.00	0.00	0.00
All Bands Ant 2	Front		1.988	0.235	1.843		1.99	0.24	1.84
	Back		0.848	0.280	1.066	0.006	0.85	0.29	1.07
	Left side	3.169	0.029	0.746	0.278		3.20	3.92	3.45
	Right side		2.972	0.326	2.993		2.97	0.33	2.99
	Top side		0.008	0.390	0.187		0.01	0.39	0.19
	Bottom side						0.00	0.00	0.00
All Bands Ant 7	Front		1.988	0.235	1.843		1.99	0.24	1.84
	Back		0.848	0.280	1.066	0.006	0.85	0.29	1.07
	Left side		0.029	0.746	0.278		0.03	0.75	0.28
	Right side		2.972	0.326	2.993		2.97	0.33	2.99
	Top side		0.008	0.390	0.187		0.01	0.39	0.19
	Bottom side						0.00	0.00	0.00
All Bands Ant 8	Front		1.988	0.235	1.843		1.99	0.24	1.84
	Back		0.848	0.280	1.066	0.006	0.85	0.29	1.07
	Left side		0.029	0.746	0.278		0.03	0.75	0.28
	Right side		2.972	0.326	2.993		2.97	0.33	2.99
	Top side		0.008	0.390	0.187		0.01	0.39	0.19
	Bottom side						0.00	0.00	0.00
All Bands Ant 9	Front		1.988	0.235	1.843		1.99	0.24	1.84
	Back		0.848	0.280	1.066	0.006	0.85	0.29	1.07
	Left side		0.029	0.746	0.278		0.03	0.75	0.28
	Right side		2.972	0.326	2.993		2.97	0.33	2.99
	Top side		0.008	0.390	0.187		0.01	0.39	0.19
	Bottom side						0.00	0.00	0.00
All Bands Ant 10	Front		1.988	0.235	1.843		1.99	0.24	1.84
	Back		0.848	0.280	1.066	0.006	0.85	0.29	1.07
	Left side		0.029	0.746	0.278		0.03	0.75	0.28
	Right side		2.972	0.326	2.993		2.97	0.33	2.99
	Top side		0.008	0.390	0.187		0.01	0.39	0.19
	Bottom side						0.00	0.00	0.00





<Inter CA Mode>

Normal Mode:

WWAN Band	WWAN Band	Exposure Position	1	2	6	7	8	11	1+2+6+11	1+2+7+11	1+2+8+11
			WWAN	WWAN	WLAN5/6GHz	WLAN5/6GHz	WLAN5/6GHz	NFC	Summed	Summed	Summed
			10g SAR (W/kg)	10g SAR (W/kg)	Ant 5	Ant 4	Ant 5+4	10g SAR (W/kg)	10g SAR (W/kg)	10g SAR (W/kg)	10g SAR (W/kg)
All Bands LTE Ant 0	All Bands LTE Ant 1	Front			2.053	1.946	2.012		2.05	1.95	2.01
		Back			0.844	0.929	0.798	0.006	0.85	0.94	0.80
		Left side							0.00	0.00	0.00
		Right side			2.882	0.798	2.645		2.88	0.80	2.65
		Top side			0.047	2.540	1.106		0.05	2.54	1.11
		Bottom side							0.00	0.00	0.00
All Bands LTE Ant 0	All Bands LTE Ant 2	Front			2.053	1.946	2.012		2.05	1.95	2.01
		Back			0.844	0.929	0.798	0.006	0.85	0.94	0.80
		Left side		1.277					1.28	1.28	1.28
		Right side			2.882	0.798	2.645		2.88	0.80	2.65
		Top side			0.047	2.540	1.106		0.05	2.54	1.11
		Bottom side							0.00	0.00	0.00
All Bands LTE Ant 1	All Bands LTE Ant 2	Front			2.053	1.946	2.012		2.05	1.95	2.01
		Back			0.844	0.929	0.798	0.006	0.85	0.94	0.80
		Left side		1.277					1.28	1.28	1.28
		Right side			2.882	0.798	2.645		2.88	0.80	2.65
		Top side			0.047	2.540	1.106		0.05	2.54	1.11
		Bottom side							0.00	0.00	0.00
All Bands LTE Ant 1	All Bands LTE Ant 7	Front			2.053	1.946	2.012		2.05	1.95	2.01
		Back			0.844	0.929	0.798	0.006	0.85	0.94	0.80
		Left side							0.00	0.00	0.00
		Right side			2.882	0.798	2.645		2.88	0.80	2.65
		Top side			0.047	2.540	1.106		0.05	2.54	1.11
		Bottom side							0.00	0.00	0.00
All Bands LTE Ant 2	All Bands LTE Ant 7	Front			2.053	1.946	2.012		2.05	1.95	2.01
		Back			0.844	0.929	0.798	0.006	0.85	0.94	0.80
		Left side	1.277						1.28	1.28	1.28
		Right side			2.882	0.798	2.645		2.88	0.80	2.65
		Top side			0.047	2.540	1.106		0.05	2.54	1.11
		Bottom side							0.00	0.00	0.00



FR1 Band	FR1 Band	Exposure Position	1	2	6	7	8	11	1+2+6+11	1+2+7+11	1+2+8+11
			FR1	FR1	WLAN5/6GHz Ant 5	WLAN5/6GHz Ant 4	WLAN5/6GHz Ant 5+4	NFC	Summed	Summed	Summed
			10g SAR (W/kg)	10g SAR (W/kg)	10g SAR (W/kg)	10g SAR (W/kg)	10g SAR (W/kg)	10g SAR (W/kg)	10g SAR (W/kg)	10g SAR (W/kg)	10g SAR (W/kg)
All Bands FR1 Ant 0	All Bands FR1 Ant 1	Front			2.053	1.946	2.012		2.05	1.95	2.01
		Back			0.844	0.929	0.798	0.006	0.85	0.94	0.80
		Left side							0.00	0.00	0.00
		Right side			2.882	0.798	2.645		2.88	0.80	2.65
		Top side			0.047	2.540	1.106		0.05	2.54	1.11
		Bottom side							0.00	0.00	0.00
All Bands FR1 Ant 0	All Bands FR1 Ant 2	Front			2.053	1.946	2.012		2.05	1.95	2.01
		Back			0.844	0.929	0.798	0.006	0.85	0.94	0.80
		Left side		1.978					1.98	1.98	1.98
		Right side			2.882	0.798	2.645		2.88	0.80	2.65
		Top side			0.047	2.540	1.106		0.05	2.54	1.11
		Bottom side							0.00	0.00	0.00
All Bands FR1 Ant 0	All Bands FR1 Ant 7	Front			2.053	1.946	2.012		2.05	1.95	2.01
		Back			0.844	0.929	0.798	0.006	0.85	0.94	0.80
		Left side							0.00	0.00	0.00
		Right side			2.882	0.798	2.645		2.88	0.80	2.65
		Top side			0.047	2.540	1.106		0.05	2.54	1.11
		Bottom side							0.00	0.00	0.00
All Bands FR1 Ant 0	All Bands FR1 Ant 8	Front			2.053	1.946	2.012		2.05	1.95	2.01
		Back			0.844	0.929	0.798	0.006	0.85	0.94	0.80
		Left side							0.00	0.00	0.00
		Right side			2.882	0.798	2.645		2.88	0.80	2.65
		Top side			0.047	2.540	1.106		0.05	2.54	1.11
		Bottom side							0.00	0.00	0.00
All Bands FR1 Ant 0	All Bands FR1 Ant 9	Front			2.053	1.946	2.012		2.05	1.95	2.01
		Back			0.844	0.929	0.798	0.006	0.85	0.94	0.80
		Left side							0.00	0.00	0.00
		Right side			2.882	0.798	2.645		2.88	0.80	2.65
		Top side			0.047	2.540	1.106		0.05	2.54	1.11
		Bottom side							0.00	0.00	0.00
All Bands FR1 Ant 0	All Bands FR1 Ant 10	Front			2.053	1.946	2.012		2.05	1.95	2.01
		Back			0.844	0.929	0.798	0.006	0.85	0.94	0.80
		Left side							0.00	0.00	0.00
		Right side			2.882	0.798	2.645		2.88	0.80	2.65
		Top side			0.047	2.540	1.106		0.05	2.54	1.11
		Bottom side							0.00	0.00	0.00
All Bands FR1 Ant 1	All Bands FR1 Ant 2	Front			2.053	1.946	2.012		2.05	1.95	2.01
		Back			0.844	0.929	0.798	0.006	0.85	0.94	0.80
		Left side		1.978					1.98	1.98	1.98
		Right side			2.882	0.798	2.645		2.88	0.80	2.65
		Top side			0.047	2.540	1.106		0.05	2.54	1.11
		Bottom side							0.00	0.00	0.00
All Bands FR1 Ant 1	All Bands FR1 Ant 7	Front			2.053	1.946	2.012		2.05	1.95	2.01
		Back			0.844	0.929	0.798	0.006	0.85	0.94	0.80
		Left side							0.00	0.00	0.00
		Right side			2.882	0.798	2.645		2.88	0.80	2.65
		Top side			0.047	2.540	1.106		0.05	2.54	1.11
		Bottom side							0.00	0.00	0.00
All Bands FR1 Ant 1	All Bands FR1 Ant 8	Front			2.053	1.946	2.012		2.05	1.95	2.01
		Back			0.844	0.929	0.798	0.006	0.85	0.94	0.80
		Left side							0.00	0.00	0.00
		Right side			2.882	0.798	2.645		2.88	0.80	2.65
		Top side			0.047	2.540	1.106		0.05	2.54	1.11
		Bottom side							0.00	0.00	0.00



		Bottom side						0.00	0.00	0.00	
All Bands FR1 Ant 1	All Bands FR1 Ant 9	Front			2.053	1.946	2.012		2.05	1.95	2.01
		Back			0.844	0.929	0.798	0.006	0.85	0.94	0.80
		Left side							0.00	0.00	0.00
		Right side			2.882	0.798	2.645		2.88	0.80	2.65
		Top side			0.047	2.540	1.106		0.05	2.54	1.11
		Bottom side							0.00	0.00	0.00
All Bands FR1 Ant 1	All Bands FR1 Ant 10	Front			2.053	1.946	2.012		2.05	1.95	2.01
		Back			0.844	0.929	0.798	0.006	0.85	0.94	0.80
		Left side							0.00	0.00	0.00
		Right side			2.882	0.798	2.645		2.88	0.80	2.65
		Top side			0.047	2.540	1.106		0.05	2.54	1.11
		Bottom side							0.00	0.00	0.00
All Bands FR1 Ant 2	All Bands FR1 Ant 7	Front			2.053	1.946	2.012		2.05	1.95	2.01
		Back			0.844	0.929	0.798	0.006	0.85	0.94	0.80
		Left side	1.978						1.98	1.98	1.98
		Right side			2.882	0.798	2.645		2.88	0.80	2.65
		Top side			0.047	2.540	1.106		0.05	2.54	1.11
		Bottom side							0.00	0.00	0.00
All Bands FR1 Ant 2	All Bands FR1 Ant 8	Front			2.053	1.946	2.012		2.05	1.95	2.01
		Back			0.844	0.929	0.798	0.006	0.85	0.94	0.80
		Left side	1.978						1.98	1.98	1.98
		Right side			2.882	0.798	2.645		2.88	0.80	2.65
		Top side			0.047	2.540	1.106		0.05	2.54	1.11
		Bottom side							0.00	0.00	0.00
All Bands FR1 Ant 2	All Bands FR1 Ant 9	Front			2.053	1.946	2.012		2.05	1.95	2.01
		Back			0.844	0.929	0.798	0.006	0.85	0.94	0.80
		Left side	1.978						1.98	1.98	1.98
		Right side			2.882	0.798	2.645		2.88	0.80	2.65
		Top side			0.047	2.540	1.106		0.05	2.54	1.11
		Bottom side							0.00	0.00	0.00
All Bands FR1 Ant 2	All Bands FR1 Ant 10	Front			2.053	1.946	2.012		2.05	1.95	2.01
		Back			0.844	0.929	0.798	0.006	0.85	0.94	0.80
		Left side	1.978						1.98	1.98	1.98
		Right side			2.882	0.798	2.645		2.88	0.80	2.65
		Top side			0.047	2.540	1.106		0.05	2.54	1.11
		Bottom side							0.00	0.00	0.00
All Bands FR1 Ant 7	All Bands FR1 Ant 8	Front			2.053	1.946	2.012		2.05	1.95	2.01
		Back			0.844	0.929	0.798	0.006	0.85	0.94	0.80
		Left side							0.00	0.00	0.00
		Right side			2.882	0.798	2.645		2.88	0.80	2.65
		Top side			0.047	2.540	1.106		0.05	2.54	1.11
		Bottom side							0.00	0.00	0.00
All Bands FR1 Ant 7	All Bands FR1 Ant 9	Front			2.053	1.946	2.012		2.05	1.95	2.01
		Back			0.844	0.929	0.798	0.006	0.85	0.94	0.80
		Left side							0.00	0.00	0.00
		Right side			2.882	0.798	2.645		2.88	0.80	2.65
		Top side			0.047	2.540	1.106		0.05	2.54	1.11
		Bottom side							0.00	0.00	0.00



**Camera Mode:**

FR1 Band	Exposure Position	1	2	6	7	8	11	1+2+6+11	1+2+7+11	1+2+8+11
		WWAN	WWAN	WLAN5/6GHz Ant 5	WLAN5/6GHz Ant 6	WLAN5/6GHz Ant 5+6	NFC	Summed	Summed	Summed
		10g SAR (W/kg)	10g SAR (W/kg)	10g SAR (W/kg)	10g SAR (W/kg)	10g SAR (W/kg)	10g SAR (W/kg)	10g SAR (W/kg)	10g SAR (W/kg)	10g SAR (W/kg)
All Bands LTE Ant 1	Front			1.988	0.235	1.843		1.99	0.24	1.84
	Back			0.848	0.280	1.066	0.006	0.85	0.29	1.07
	Left side			0.029	0.746	0.278		0.03	0.75	0.28
	Right side			2.972	0.326	2.993		2.97	0.33	2.99
	Top side			0.008	0.390	0.187		0.01	0.39	0.19
	Bottom side							0.00	0.00	0.00
All Bands LTE Ant 2	Front			1.988	0.235	1.843		1.99	0.24	1.84
	Back			0.848	0.280	1.066	0.006	0.85	0.29	1.07
	Left side		1.277	0.029	0.746	0.278		1.31	2.02	1.56
	Right side			2.972	0.326	2.993		2.97	0.33	2.99
	Top side			0.008	0.390	0.187		0.01	0.39	0.19
	Bottom side							0.00	0.00	0.00
All Bands LTE Ant 2	Front			1.988	0.235	1.843		1.99	0.24	1.84
	Back			0.848	0.280	1.066	0.006	0.85	0.29	1.07
	Left side		1.277	0.029	0.746	0.278		1.31	2.02	1.56
	Right side			2.972	0.326	2.993		2.97	0.33	2.99
	Top side			0.008	0.390	0.187		0.01	0.39	0.19
	Bottom side							0.00	0.00	0.00
All Bands LTE Ant 7	Front			1.988	0.235	1.843		1.99	0.24	1.84
	Back			0.848	0.280	1.066	0.006	0.85	0.29	1.07
	Left side			0.029	0.746	0.278		0.03	0.75	0.28
	Right side			2.972	0.326	2.993		2.97	0.33	2.99
	Top side			0.008	0.390	0.187		0.01	0.39	0.19
	Bottom side							0.00	0.00	0.00
All Bands LTE Ant 7	Front			1.988	0.235	1.843		1.99	0.24	1.84
	Back			0.848	0.280	1.066	0.006	0.85	0.29	1.07
	Left side	1.277		0.029	0.746	0.278		1.31	2.02	1.56
	Right side			2.972	0.326	2.993		2.97	0.33	2.99
	Top side			0.008	0.390	0.187		0.01	0.39	0.19
	Bottom side							0.00	0.00	0.00



WWAN Band	FR1 Band	Exposure Position	1	2	6	7	8	11	1+2+6+11	1+2+7+11	1+2+8+11
			FR1	FR1	WLAN5/6GHz Ant 5	WLAN5/6GHz Ant 6	WLAN5/6GHz Ant 5+6	NFC	Summed	Summed	Summed
			10g SAR (W/kg)	10g SAR (W/kg)	10g SAR (W/kg)	10g SAR (W/kg)	10g SAR (W/kg)	10g SAR (W/kg)	10g SAR (W/kg)	10g SAR (W/kg)	10g SAR (W/kg)
All Bands FR1 Ant 0	All Bands FR1 Ant 1	Front			1.988	0.235	1.843		1.99	0.24	1.84
		Back			0.848	0.280	1.066	0.006	0.85	0.29	1.07
		Left side			0.029	0.746	0.278		0.03	0.75	0.28
		Right side			2.972	0.326	2.993		2.97	0.33	2.99
		Top side			0.008	0.390	0.187		0.01	0.39	0.19
		Bottom side							0.00	0.00	0.00
All Bands FR1 Ant 0	All Bands FR1 Ant 2	Front			1.988	0.235	1.843		1.99	0.24	1.84
		Back			0.848	0.280	1.066	0.006	0.85	0.29	1.07
		Left side		1.978	0.029	0.746	0.278		2.01	2.72	2.26
		Right side			2.972	0.326	2.993		2.97	0.33	2.99
		Top side			0.008	0.390	0.187		0.01	0.39	0.19
		Bottom side							0.00	0.00	0.00
All Bands FR1 Ant 0	All Bands FR1 Ant 7	Front			1.988	0.235	1.843		1.99	0.24	1.84
		Back			0.848	0.280	1.066	0.006	0.85	0.29	1.07
		Left side			0.029	0.746	0.278		0.03	0.75	0.28
		Right side			2.972	0.326	2.993		2.97	0.33	2.99
		Top side			0.008	0.390	0.187		0.01	0.39	0.19
		Bottom side							0.00	0.00	0.00
All Bands FR1 Ant 0	All Bands FR1 Ant 8	Front			1.988	0.235	1.843		1.99	0.24	1.84
		Back			0.848	0.280	1.066	0.006	0.85	0.29	1.07
		Left side			0.029	0.746	0.278		0.03	0.75	0.28
		Right side			2.972	0.326	2.993		2.97	0.33	2.99
		Top side			0.008	0.390	0.187		0.01	0.39	0.19
		Bottom side							0.00	0.00	0.00
All Bands FR1 Ant 0	All Bands FR1 Ant 9	Front			1.988	0.235	1.843		1.99	0.24	1.84
		Back			0.848	0.280	1.066	0.006	0.85	0.29	1.07
		Left side			0.029	0.746	0.278		0.03	0.75	0.28
		Right side			2.972	0.326	2.993		2.97	0.33	2.99
		Top side			0.008	0.390	0.187		0.01	0.39	0.19
		Bottom side							0.00	0.00	0.00
All Bands FR1 Ant 0	All Bands FR1 Ant 10	Front			1.988	0.235	1.843		1.99	0.24	1.84
		Back			0.848	0.280	1.066	0.006	0.85	0.29	1.07
		Left side			0.029	0.746	0.278		0.03	0.75	0.28
		Right side			2.972	0.326	2.993		2.97	0.33	2.99
		Top side			0.008	0.390	0.187		0.01	0.39	0.19
		Bottom side							0.00	0.00	0.00
All Bands FR1 Ant 1	All Bands FR1 Ant 2	Front			1.988	0.235	1.843		1.99	0.24	1.84
		Back			0.848	0.280	1.066	0.006	0.85	0.29	1.07
		Left side		1.978	0.029	0.746	0.278		2.01	2.72	2.26
		Right side			2.972	0.326	2.993		2.97	0.33	2.99
		Top side			0.008	0.390	0.187		0.01	0.39	0.19
		Bottom side							0.00	0.00	0.00
All Bands FR1 Ant 1	All Bands FR1 Ant 7	Front			1.988	0.235	1.843		1.99	0.24	1.84
		Back			0.848	0.280	1.066	0.006	0.85	0.29	1.07
		Left side			0.029	0.746	0.278		0.03	0.75	0.28
		Right side			2.972	0.326	2.993		2.97	0.33	2.99
		Top side			0.008	0.390	0.187		0.01	0.39	0.19
		Bottom side							0.00	0.00	0.00
All Bands FR1 Ant 1	All Bands FR1 Ant 8	Front			1.988	0.235	1.843		1.99	0.24	1.84
		Back			0.848	0.280	1.066	0.006	0.85	0.29	1.07
		Left side			0.029	0.746	0.278		0.03	0.75	0.28
		Right side			2.972	0.326	2.993		2.97	0.33	2.99



		Top side			0.008	0.390	0.187		0.01	0.39	0.19
		Bottom side							0.00	0.00	0.00
All Bands FR1 Ant 1	All Bands FR1 Ant 9	Front			1.988	0.235	1.843		1.99	0.24	1.84
		Back			0.848	0.280	1.066	0.006	0.85	0.29	1.07
		Left side			0.029	0.746	0.278		0.03	0.75	0.28
		Right side			2.972	0.326	2.993		2.97	0.33	2.99
		Top side			0.008	0.390	0.187		0.01	0.39	0.19
		Bottom side							0.00	0.00	0.00
All Bands FR1 Ant 1	All Bands FR1 Ant 10	Front			1.988	0.235	1.843		1.99	0.24	1.84
		Back			0.848	0.280	1.066	0.006	0.85	0.29	1.07
		Left side			0.029	0.746	0.278		0.03	0.75	0.28
		Right side			2.972	0.326	2.993		2.97	0.33	2.99
		Top side			0.008	0.390	0.187		0.01	0.39	0.19
		Bottom side							0.00	0.00	0.00
All Bands FR1 Ant 2	All Bands FR1 Ant 7	Front			1.988	0.235	1.843		1.99	0.24	1.84
		Back			0.848	0.280	1.066	0.006	0.85	0.29	1.07
		Left side	1.978		0.029	0.746	0.278		2.01	2.72	2.26
		Right side			2.972	0.326	2.993		2.97	0.33	2.99
		Top side			0.008	0.390	0.187		0.01	0.39	0.19
		Bottom side							0.00	0.00	0.00
All Bands FR1 Ant 2	All Bands FR1 Ant 8	Front			1.988	0.235	1.843		1.99	0.24	1.84
		Back			0.848	0.280	1.066	0.006	0.85	0.29	1.07
		Left side	1.978		0.029	0.746	0.278		2.01	2.72	2.26
		Right side			2.972	0.326	2.993		2.97	0.33	2.99
		Top side			0.008	0.390	0.187		0.01	0.39	0.19
		Bottom side							0.00	0.00	0.00
All Bands FR1 Ant 2	All Bands FR1 Ant 9	Front			1.988	0.235	1.843		1.99	0.24	1.84
		Back			0.848	0.280	1.066	0.006	0.85	0.29	1.07
		Left side	1.978		0.029	0.746	0.278		2.01	2.72	2.26
		Right side			2.972	0.326	2.993		2.97	0.33	2.99
		Top side			0.008	0.390	0.187		0.01	0.39	0.19
		Bottom side							0.00	0.00	0.00
All Bands FR1 Ant 2	All Bands FR1 Ant 10	Front			1.988	0.235	1.843		1.99	0.24	1.84
		Back			0.848	0.280	1.066	0.006	0.85	0.29	1.07
		Left side	1.978		0.029	0.746	0.278		2.01	2.72	2.26
		Right side			2.972	0.326	2.993		2.97	0.33	2.99
		Top side			0.008	0.390	0.187		0.01	0.39	0.19
		Bottom side							0.00	0.00	0.00
All Bands FR1 Ant 7	All Bands FR1 Ant 8	Front			1.988	0.235	1.843		1.99	0.24	1.84
		Back			0.848	0.280	1.066	0.006	0.85	0.29	1.07
		Left side			0.029	0.746	0.278		0.03	0.75	0.28
		Right side			2.972	0.326	2.993		2.97	0.33	2.99
		Top side			0.008	0.390	0.187		0.01	0.39	0.19
		Bottom side							0.00	0.00	0.00
All Bands FR1 Ant 7	All Bands FR1 Ant 9	Front			1.988	0.235	1.843		1.99	0.24	1.84
		Back			0.848	0.280	1.066	0.006	0.85	0.29	1.07
		Left side			0.029	0.746	0.278		0.03	0.75	0.28
		Right side			2.972	0.326	2.993		2.97	0.33	2.99
		Top side			0.008	0.390	0.187		0.01	0.39	0.19
		Bottom side							0.00	0.00	0.00



<ENDC Mode>

Normal Mode:

WWAN Band	FR1 Band	Exposure Position	1	2	6	7	8	11	1+2+6+11	1+2+7+11	1+2+8+11
			WWAN	FR1	WLAN5/6GHz Ant 5	WLAN5/6GHz Ant 4	WLAN5/6GHz Ant 5+4	NFC	Summed	Summed	Summed
			10g SAR (W/kg)	10g SAR (W/kg)	10g SAR (W/kg)	10g SAR (W/kg)	10g SAR (W/kg)	10g SAR (W/kg)	10g SAR (W/kg)	10g SAR (W/kg)	10g SAR (W/kg)
All Bands LTE Ant 0	All Bands FR1 Ant 1	Front			2.053	1.946	2.012		2.05	1.95	2.01
		Back			0.844	0.929	0.798	0.006	0.85	0.94	0.80
		Left side							0.00	0.00	0.00
		Right side			2.882	0.798	2.645		2.88	0.80	2.65
		Top side			0.047	2.540	1.106		0.05	2.54	1.11
		Bottom side							0.00	0.00	0.00
All Bands LTE Ant 0	All Bands FR1 Ant 2	Front			2.053	1.946	2.012		2.05	1.95	2.01
		Back			0.844	0.929	0.798	0.006	0.85	0.94	0.80
		Left side		3.146					3.15	3.15	3.15
		Right side			2.882	0.798	2.645		2.88	0.80	2.65
		Top side			0.047	2.540	1.106		0.05	2.54	1.11
		Bottom side							0.00	0.00	0.00
All Bands LTE Ant 0	All Bands FR1 Ant 7	Front			2.053	1.946	2.012		2.05	1.95	2.01
		Back			0.844	0.929	0.798	0.006	0.85	0.94	0.80
		Left side							0.00	0.00	0.00
		Right side			2.882	0.798	2.645		2.88	0.80	2.65
		Top side			0.047	2.540	1.106		0.05	2.54	1.11
		Bottom side							0.00	0.00	0.00
All Bands LTE Ant 0	All Bands FR1 Ant 8	Front			2.053	1.946	2.012		2.05	1.95	2.01
		Back			0.844	0.929	0.798	0.006	0.85	0.94	0.80
		Left side							0.00	0.00	0.00
		Right side			2.882	0.798	2.645		2.88	0.80	2.65
		Top side			0.047	2.540	1.106		0.05	2.54	1.11
		Bottom side							0.00	0.00	0.00
All Bands LTE Ant 0	All Bands FR1 Ant 9	Front			2.053	1.946	2.012		2.05	1.95	2.01
		Back			0.844	0.929	0.798	0.006	0.85	0.94	0.80
		Left side							0.00	0.00	0.00
		Right side			2.882	0.798	2.645		2.88	0.80	2.65
		Top side			0.047	2.540	1.106		0.05	2.54	1.11
		Bottom side							0.00	0.00	0.00
All Bands LTE Ant 0	All Bands FR1 Ant 10	Front			2.053	1.946	2.012		2.05	1.95	2.01
		Back			0.844	0.929	0.798	0.006	0.85	0.94	0.80
		Left side							0.00	0.00	0.00
		Right side			2.882	0.798	2.645		2.88	0.80	2.65
		Top side			0.047	2.540	1.106		0.05	2.54	1.11
		Bottom side							0.00	0.00	0.00
All Bands LTE Ant 1	All Bands FR1 Ant 0	Front			2.053	1.946	2.012		2.05	1.95	2.01
		Back			0.844	0.929	0.798	0.006	0.85	0.94	0.80
		Left side							0.00	0.00	0.00
		Right side			2.882	0.798	2.645		2.88	0.80	2.65
		Top side			0.047	2.540	1.106		0.05	2.54	1.11
		Bottom side							0.00	0.00	0.00
All Bands LTE Ant 1	All Bands FR1 Ant 2	Front			2.053	1.946	2.012		2.05	1.95	2.01
		Back			0.844	0.929	0.798	0.006	0.85	0.94	0.80
		Left side		3.146					3.15	3.15	3.15
		Right side			2.882	0.798	2.645		2.88	0.80	2.65
		Top side			0.047	2.540	1.106		0.05	2.54	1.11
		Bottom side							0.00	0.00	0.00
All Bands LTE Ant 1	All Bands FR1 Ant 7	Front			2.053	1.946	2.012		2.05	1.95	2.01
		Back			0.844	0.929	0.798	0.006	0.85	0.94	0.80



		Left side						0.00	0.00	0.00	
		Right side			2.882	0.798	2.645		2.88	0.80	2.65
		Top side			0.047	2.540	1.106		0.05	2.54	1.11
		Bottom side							0.00	0.00	0.00
All Bands LTE Ant 1	All Bands FR1 Ant 8	Front			2.053	1.946	2.012		2.05	1.95	2.01
		Back			0.844	0.929	0.798	0.006	0.85	0.94	0.80
		Left side							0.00	0.00	0.00
		Right side			2.882	0.798	2.645		2.88	0.80	2.65
		Top side			0.047	2.540	1.106		0.05	2.54	1.11
All Bands LTE Ant 1	All Bands FR1 Ant 9	Bottom side							0.00	0.00	0.00
		Front			2.053	1.946	2.012		2.05	1.95	2.01
		Back			0.844	0.929	0.798	0.006	0.85	0.94	0.80
		Left side							0.00	0.00	0.00
		Right side			2.882	0.798	2.645		2.88	0.80	2.65
All Bands LTE Ant 1	All Bands FR1 Ant 10	Top side			0.047	2.540	1.106		0.05	2.54	1.11
		Bottom side							0.00	0.00	0.00
		Front			2.053	1.946	2.012		2.05	1.95	2.01
		Back			0.844	0.929	0.798	0.006	0.85	0.94	0.80
		Left side							0.00	0.00	0.00
All Bands LTE Ant 2	All Bands FR1 Ant 0	Right side			2.882	0.798	2.645		2.88	0.80	2.65
		Top side			0.047	2.540	1.106		0.05	2.54	1.11
		Bottom side							0.00	0.00	0.00
		Front			2.053	1.946	2.012		2.05	1.95	2.01
		Back			0.844	0.929	0.798	0.006	0.85	0.94	0.80
All Bands LTE Ant 2	All Bands FR1 Ant 1	Left side	3.162						3.16	3.16	3.16
		Right side			2.882	0.798	2.645		2.88	0.80	2.65
		Top side			0.047	2.540	1.106		0.05	2.54	1.11
		Bottom side							0.00	0.00	0.00
		Front			2.053	1.946	2.012		2.05	1.95	2.01
All Bands LTE Ant 2	All Bands FR1 Ant 7	Back			0.844	0.929	0.798	0.006	0.85	0.94	0.80
		Left side	3.162						3.16	3.16	3.16
		Right side			2.882	0.798	2.645		2.88	0.80	2.65
		Top side			0.047	2.540	1.106		0.05	2.54	1.11
		Bottom side							0.00	0.00	0.00
All Bands LTE Ant 2	All Bands FR1 Ant 8	Front			2.053	1.946	2.012		2.05	1.95	2.01
		Back			0.844	0.929	0.798	0.006	0.85	0.94	0.80
		Left side	3.162						3.16	3.16	3.16
		Right side			2.882	0.798	2.645		2.88	0.80	2.65
		Top side			0.047	2.540	1.106		0.05	2.54	1.11
All Bands LTE Ant 2	All Bands FR1 Ant 9	Bottom side							0.00	0.00	0.00
		Front			2.053	1.946	2.012		2.05	1.95	2.01
		Back			0.844	0.929	0.798	0.006	0.85	0.94	0.80
		Left side	3.162						3.16	3.16	3.16
		Right side			2.882	0.798	2.645		2.88	0.80	2.65
All Bands LTE Ant 2	All Bands FR1 Ant 10	Top side			0.047	2.540	1.106		0.05	2.54	1.11
		Bottom side							0.00	0.00	0.00
		Front			2.053	1.946	2.012		2.05	1.95	2.01
		Back			0.844	0.929	0.798	0.006	0.85	0.94	0.80
All Bands LTE Ant 2	All Bands FR1 Ant 10	Left side	3.162						3.16	3.16	3.16
		Right side			2.882	0.798	2.645		2.88	0.80	2.65





		Top side			0.047	2.540	1.106		0.05	2.54	1.11
		Bottom side							0.00	0.00	0.00
All Bands LTE Ant 7	All Bands FR1 Ant 1	Front			2.053	1.946	2.012		2.05	1.95	2.01
		Back			0.844	0.929	0.798	0.006	0.85	0.94	0.80
		Left side							0.00	0.00	0.00
		Right side			2.882	0.798	2.645		2.88	0.80	2.65
		Top side			0.047	2.540	1.106		0.05	2.54	1.11
		Bottom side							0.00	0.00	0.00
All Bands LTE Ant 7	All Bands FR1 Ant 2	Front			2.053	1.946	2.012		2.05	1.95	2.01
		Back			0.844	0.929	0.798	0.006	0.85	0.94	0.80
		Left side		3.146					3.15	3.15	3.15
		Right side			2.882	0.798	2.645		2.88	0.80	2.65
		Top side			0.047	2.540	1.106		0.05	2.54	1.11
		Bottom side							0.00	0.00	0.00



Camera Mode:

WWAN Band	FR1 Band	Exposure Position	1	2	6	7	8	11	1+2+6+11	1+2+7+11	1+2+8+11
			WWAN	FR1	WLAN5/6GHz Ant 5	WLAN5/6GHz Ant 6	WLAN5/6GHz Ant 5+6	NFC	Summed	Summed	Summed
			10g SAR (W/kg)	10g SAR (W/kg)	10g SAR (W/kg)	10g SAR (W/kg)	10g SAR (W/kg)	10g SAR (W/kg)	10g SAR (W/kg)	10g SAR (W/kg)	10g SAR (W/kg)
All Bands LTE Ant 0	All Bands FR1 Ant 1	Front			1.988	0.235	1.843		1.99	0.24	1.84
		Back			0.848	0.280	1.066	0.006	0.85	0.29	1.07
		Left side			0.029	0.746	0.278		0.03	0.75	0.28
		Right side			2.972	0.326	2.993		2.97	0.33	2.99
		Top side			0.008	0.390	0.187		0.01	0.39	0.19
		Bottom side							0.00	0.00	0.00
All Bands LTE Ant 0	All Bands FR1 Ant 2	Front			1.988	0.235	1.843		1.99	0.24	1.84
		Back			0.848	0.280	1.066	0.006	0.85	0.29	1.07
		Left side		3.146	0.029	0.746	0.278		3.18	3.89	3.42
		Right side			2.972	0.326	2.993		2.97	0.33	2.99
		Top side			0.008	0.390	0.187		0.01	0.39	0.19
		Bottom side							0.00	0.00	0.00
All Bands LTE Ant 0	All Bands FR1 Ant 7	Front			1.988	0.235	1.843		1.99	0.24	1.84
		Back			0.848	0.280	1.066	0.006	0.85	0.29	1.07
		Left side			0.029	0.746	0.278		0.03	0.75	0.28
		Right side			2.972	0.326	2.993		2.97	0.33	2.99
		Top side			0.008	0.390	0.187		0.01	0.39	0.19
		Bottom side							0.00	0.00	0.00
All Bands LTE Ant 0	All Bands FR1 Ant 8	Front			1.988	0.235	1.843		1.99	0.24	1.84
		Back			0.848	0.280	1.066	0.006	0.85	0.29	1.07
		Left side			0.029	0.746	0.278		0.03	0.75	0.28
		Right side			2.972	0.326	2.993		2.97	0.33	2.99
		Top side			0.008	0.390	0.187		0.01	0.39	0.19
		Bottom side							0.00	0.00	0.00
All Bands LTE Ant 0	All Bands FR1 Ant 9	Front			1.988	0.235	1.843		1.99	0.24	1.84
		Back			0.848	0.280	1.066	0.006	0.85	0.29	1.07
		Left side			0.029	0.746	0.278		0.03	0.75	0.28
		Right side			2.972	0.326	2.993		2.97	0.33	2.99
		Top side			0.008	0.390	0.187		0.01	0.39	0.19
		Bottom side							0.00	0.00	0.00
All Bands LTE Ant 0	All Bands FR1 Ant 10	Front			1.988	0.235	1.843		1.99	0.24	1.84
		Back			0.848	0.280	1.066	0.006	0.85	0.29	1.07
		Left side			0.029	0.746	0.278		0.03	0.75	0.28
		Right side			2.972	0.326	2.993		2.97	0.33	2.99
		Top side			0.008	0.390	0.187		0.01	0.39	0.19
		Bottom side							0.00	0.00	0.00
All Bands LTE Ant 1	All Bands FR1 Ant 0	Front			1.988	0.235	1.843		1.99	0.24	1.84
		Back			0.848	0.280	1.066	0.006	0.85	0.29	1.07
		Left side			0.029	0.746	0.278		0.03	0.75	0.28
		Right side			2.972	0.326	2.993		2.97	0.33	2.99
		Top side			0.008	0.390	0.187		0.01	0.39	0.19
		Bottom side							0.00	0.00	0.00
All Bands LTE Ant 1	All Bands FR1 Ant 2	Front			1.988	0.235	1.843		1.99	0.24	1.84
		Back			0.848	0.280	1.066	0.006	0.85	0.29	1.07
		Left side		3.146	0.029	0.746	0.278		3.18	3.89	3.42
		Right side			2.972	0.326	2.993		2.97	0.33	2.99
		Top side			0.008	0.390	0.187		0.01	0.39	0.19
		Bottom side							0.00	0.00	0.00
All Bands LTE Ant 1	All Bands FR1 Ant 7	Front			1.988	0.235	1.843		1.99	0.24	1.84
		Back			0.848	0.280	1.066	0.006	0.85	0.29	1.07
		Left side			0.029	0.746	0.278		0.03	0.75	0.28



		Right side			2.972	0.326	2.993		2.97	0.33	2.99
		Top side			0.008	0.390	0.187		0.01	0.39	0.19
		Bottom side							0.00	0.00	0.00
All Bands LTE Ant 1	All Bands FR1 Ant 8	Front			1.988	0.235	1.843		1.99	0.24	1.84
		Back			0.848	0.280	1.066	0.006	0.85	0.29	1.07
		Left side			0.029	0.746	0.278		0.03	0.75	0.28
		Right side			2.972	0.326	2.993		2.97	0.33	2.99
		Top side			0.008	0.390	0.187		0.01	0.39	0.19
		Bottom side							0.00	0.00	0.00
All Bands LTE Ant 1	All Bands FR1 Ant 9	Front			1.988	0.235	1.843		1.99	0.24	1.84
		Back			0.848	0.280	1.066	0.006	0.85	0.29	1.07
		Left side			0.029	0.746	0.278		0.03	0.75	0.28
		Right side			2.972	0.326	2.993		2.97	0.33	2.99
		Top side			0.008	0.390	0.187		0.01	0.39	0.19
		Bottom side							0.00	0.00	0.00
All Bands LTE Ant 1	All Bands FR1 Ant 10	Front			1.988	0.235	1.843		1.99	0.24	1.84
		Back			0.848	0.280	1.066	0.006	0.85	0.29	1.07
		Left side			0.029	0.746	0.278		0.03	0.75	0.28
		Right side			2.972	0.326	2.993		2.97	0.33	2.99
		Top side			0.008	0.390	0.187		0.01	0.39	0.19
		Bottom side							0.00	0.00	0.00
All Bands LTE Ant 2	All Bands FR1 Ant 0	Front			1.988	0.235	1.843		1.99	0.24	1.84
		Back			0.848	0.280	1.066	0.006	0.85	0.29	1.07
		Left side	3.162		0.029	0.746	0.278		3.19	3.91	3.44
		Right side			2.972	0.326	2.993		2.97	0.33	2.99
		Top side			0.008	0.390	0.187		0.01	0.39	0.19
		Bottom side							0.00	0.00	0.00
All Bands LTE Ant 2	All Bands FR1 Ant 1	Front			1.988	0.235	1.843		1.99	0.24	1.84
		Back			0.848	0.280	1.066	0.006	0.85	0.29	1.07
		Left side	3.162		0.029	0.746	0.278		3.19	3.91	3.44
		Right side			2.972	0.326	2.993		2.97	0.33	2.99
		Top side			0.008	0.390	0.187		0.01	0.39	0.19
		Bottom side							0.00	0.00	0.00
All Bands LTE Ant 2	All Bands FR1 Ant 7	Front			1.988	0.235	1.843		1.99	0.24	1.84
		Back			0.848	0.280	1.066	0.006	0.85	0.29	1.07
		Left side	3.162		0.029	0.746	0.278		3.19	3.91	3.44
		Right side			2.972	0.326	2.993		2.97	0.33	2.99
		Top side			0.008	0.390	0.187		0.01	0.39	0.19
		Bottom side							0.00	0.00	0.00
All Bands LTE Ant 2	All Bands FR1 Ant 8	Front			1.988	0.235	1.843		1.99	0.24	1.84
		Back			0.848	0.280	1.066	0.006	0.85	0.29	1.07
		Left side	3.162		0.029	0.746	0.278		3.19	3.91	3.44
		Right side			2.972	0.326	2.993		2.97	0.33	2.99
		Top side			0.008	0.390	0.187		0.01	0.39	0.19
		Bottom side							0.00	0.00	0.00
All Bands LTE Ant 2	All Bands FR1 Ant 9	Front			1.988	0.235	1.843		1.99	0.24	1.84
		Back			0.848	0.280	1.066	0.006	0.85	0.29	1.07
		Left side	3.162		0.029	0.746	0.278		3.19	3.91	3.44
		Right side			2.972	0.326	2.993		2.97	0.33	2.99
		Top side			0.008	0.390	0.187		0.01	0.39	0.19
		Bottom side							0.00	0.00	0.00
All Bands LTE Ant 2	All Bands FR1 Ant 10	Front			1.988	0.235	1.843		1.99	0.24	1.84
		Back			0.848	0.280	1.066	0.006	0.85	0.29	1.07
		Left side	3.162		0.029	0.746	0.278		3.19	3.91	3.44
		Right side			2.972	0.326	2.993		2.97	0.33	2.99
		Top side			0.008	0.390	0.187		0.01	0.39	0.19



**FCC SAR Test Report**

**Report No. : FA391308**

		Bottom side						0.00	0.00	0.00	
All Bands LTE Ant 7	All Bands FR1 Ant 1	Front			1.988	0.235	1.843		1.99	0.24	1.84
		Back			0.848	0.280	1.066	0.006	0.85	0.29	1.07
		Left side			0.029	0.746	0.278		0.03	0.75	0.28
		Right side			2.972	0.326	2.993		2.97	0.33	2.99
		Top side			0.008	0.390	0.187		0.01	0.39	0.19
		Bottom side							0.00	0.00	0.00
All Bands LTE Ant 7	All Bands FR1 Ant 2	Front			1.988	0.235	1.843		1.99	0.24	1.84
		Back			0.848	0.280	1.066	0.006	0.85	0.29	1.07
		Left side		3.146	0.029	0.746	0.278		3.18	3.89	3.42
		Right side			2.972	0.326	2.993		2.97	0.33	2.99
		Top side			0.008	0.390	0.187		0.01	0.39	0.19
		Bottom side							0.00	0.00	0.00



<UL MIMO>

Normal Mode:

FR1 Band	FR1 Band	Exposure Position	1	2	6	7	8	11	1+2+6+11	1+2+7+11	1+2+8+11
			FR1	FR1	WLAN5/6GHz Ant 5	WLAN5/6GHz Ant 4	WLAN5/6GHz Ant 5+4	NFC	Summed	Summed	Summed
			10g SAR (W/kg)	10g SAR (W/kg)	10g SAR (W/kg)	10g SAR (W/kg)	10g SAR (W/kg)	10g SAR (W/kg)	10g SAR (W/kg)	10g SAR (W/kg)	10g SAR (W/kg)
FR1 n41 UL MIMO Ant 1	FR1 n41 UL MIMO Ant 8	Front			2.053	1.946	2.012		2.05	1.95	2.01
		Back			0.844	0.929	0.798	0.006	0.85	0.94	0.80
		Left side							0.00	0.00	0.00
		Right side			2.882	0.798	2.645		2.88	0.80	2.65
		Top side			0.047	2.540	1.106		0.05	2.54	1.11
		Bottom side							0.00	0.00	0.00
FR1 n41 UL MIMO Ant 1	FR1 n41 UL MIMO Ant 9	Front			2.053	1.946	2.012		2.05	1.95	2.01
		Back			0.844	0.929	0.798	0.006	0.85	0.94	0.80
		Left side							0.00	0.00	0.00
		Right side			2.882	0.798	2.645		2.88	0.80	2.65
		Top side			0.047	2.540	1.106		0.05	2.54	1.11
		Bottom side							0.00	0.00	0.00
FR1 n41 UL MIMO Ant 2	FR1 n41 UL MIMO Ant 8	Front			2.053	1.946	2.012		2.05	1.95	2.01
		Back			0.844	0.929	0.798	0.006	0.85	0.94	0.80
		Left side	1.894						1.89	1.89	1.89
		Right side			2.882	0.798	2.645		2.88	0.80	2.65
		Top side			0.047	2.540	1.106		0.05	2.54	1.11
		Bottom side							0.00	0.00	0.00
FR1 n41 UL MIMO Ant 2	FR1 n41 UL MIMO Ant 9	Front			2.053	1.946	2.012		2.05	1.95	2.01
		Back			0.844	0.929	0.798	0.006	0.85	0.94	0.80
		Left side	1.894						1.89	1.89	1.89
		Right side			2.882	0.798	2.645		2.88	0.80	2.65
		Top side			0.047	2.540	1.106		0.05	2.54	1.11
		Bottom side							0.00	0.00	0.00



**Camera Mode:**

FR1 Band	FR1 Band	Exposure Position	1	2	6	7	8	11	1+2+6+11	1+2+7+11	1+2+8+11
			FR1	FR1	WLAN5/6GHz Ant 5	WLAN5/6GHz Ant 6	WLAN5/6GHz Ant 5+6	NFC	Summed	Summed	Summed
			10g SAR (W/kg)	10g SAR (W/kg)	10g SAR (W/kg)	10g SAR (W/kg)	10g SAR (W/kg)	10g SAR (W/kg)	10g SAR (W/kg)	10g SAR (W/kg)	10g SAR (W/kg)
FR1 n41 UL MIMO Ant 1	FR1 n41 UL MIMO Ant 8	Front			1.988	0.235	1.843		1.99	0.24	1.84
		Back			0.848	0.280	1.066	0.006	0.85	0.29	1.07
		Left side			0.029	0.746	0.278		0.03	0.75	0.28
		Right side			2.972	0.326	2.993		2.97	0.33	2.99
		Top side			0.008	0.390	0.187		0.01	0.39	0.19
		Bottom side							0.00	0.00	0.00
FR1 n41 UL MIMO Ant 1	FR1 n41 UL MIMO Ant 9	Front			1.988	0.235	1.843		1.99	0.24	1.84
		Back			0.848	0.280	1.066	0.006	0.85	0.29	1.07
		Left side			0.029	0.746	0.278		0.03	0.75	0.28
		Right side			2.972	0.326	2.993		2.97	0.33	2.99
		Top side			0.008	0.390	0.187		0.01	0.39	0.19
		Bottom side							0.00	0.00	0.00
FR1 n41 UL MIMO Ant 2	FR1 n41 UL MIMO Ant 8	Front			1.988	0.235	1.843		1.99	0.24	1.84
		Back			0.848	0.280	1.066	0.006	0.85	0.29	1.07
		Left side	1.894		0.029	0.746	0.278		1.92	2.64	2.17
		Right side			2.972	0.326	2.993		2.97	0.33	2.99
		Top side			0.008	0.390	0.187		0.01	0.39	0.19
		Bottom side							0.00	0.00	0.00
FR1 n41 UL MIMO Ant 2	FR1 n41 UL MIMO Ant 9	Front			1.988	0.235	1.843		1.99	0.24	1.84
		Back			0.848	0.280	1.066	0.006	0.85	0.29	1.07
		Left side	1.894		0.029	0.746	0.278		1.92	2.64	2.17
		Right side			2.972	0.326	2.993		2.97	0.33	2.99
		Top side			0.008	0.390	0.187		0.01	0.39	0.19
		Bottom side							0.00	0.00	0.00

## 16. Supplemental tuner tests results

### General Note:

1. This device implements impedance tuner (144 states) antenna tuning techniques in the GSM850, WCDMA V, LTE Band 5/12/17/26/71, and 5GNR n5/n12/n26/n71 for ANT0, but also each one could be deployed from 4 scenarios.
2. This device implements impedance tuner (144 states) antenna tuning techniques in the WCDMA II/IV/V, LTE Band 2/4/5/7/12/17/25/26/30/66/71/38/41, and 5GNR n2/n5/n7/n12/n25/n26/n30/n66/n71/n38/n41 for ANT2, but also each one could be deployed from 7 scenarios.
3. LTE B38 / B17 / B5 / B4 / B2 SAR test was covered by LTE B41 / B12 / B26 / B66 / B25; according to April 2015 TCB workshop, SAR test for overlapping LTE bands can be reduced.
4. 5GNR n2 / n5 / n38 SAR test was covered by 5GNR n25 / n26 / n41; according to April 2015 TCB workshop, SAR test for overlapping NR bands can be reduced.
5. Per 2019, April TCBC Workshop titled "RF Exposure Procedures", the following test procedure was followed to demonstrate that the SAR results in this report represent the appropriate SAR test conditions.
  - 1) SAR is measured according to required procedures with dynamic tuner active allowing device to automatically tune. Auto-tune state determined by device during normal SAR measurement verified and listed alongside the reported SAR results.
  - 2) Total number tuner states divided evenly among each supported band / air interface and exposure condition combination.
  - 3) The tuner state was established remotely through Wi-Fi so that the device is not moved for the entire series of single point SAR for the tuner states in each combination (band, mode, exposure conditions).
  - 4) Single point measurements performed at the peak SAR location of the highest measured SAR configuration for each combination. SAR probe remains stationary throughout the entire series of single point measurements for each combination.
  - 5) If any single point SAR measurement result is  $> 1.2$  W/kg for 1gSAR (or  $> 3.0$  W/kg for 10gSAR) for a band/exposure condition combination set, all supported tuner states are evaluated with single point SAR measurements for the combination.
6. The above test procedures were followed to demonstrate that the SAR results in Section 14 represented the appropriate SAR test conditions. For bands with dynamic tuning implemented, SAR will be measured according to the required FCC SAR test procedures with the dynamic tuner active to allow the device to automatically tune to the antenna state for the respective RF exposure test configurations. Additional single point SAR time-sweep measurements will be evaluated for other tuner states to determine that the other tuner configurations would result in equivalent or lower SAR values.
7. To evaluate all of the tuner states, the 144 tuner states for ANT0 and ANT2 is divided evenly among band, mode and exposure combinations so that at least one single point SAR measurement is measured in each configuration. Single point time-sweep measurements will be performed at the peak SAR location determined by the zoom scan of the configuration with the highest reported SAR for each combination. The tuner state will be established remotely so that the device is not moved for the entire series of single point SAR for the tuner states in each combination. The SAR probe will remain stationary at the same position throughout the entire series of single point measurements for each combination. If the single point SAR or 1g SAR was  $> 1.2$  W/kg or 10g SAR was  $> 3.0$  W/kg for a particular band / mode / exposure condition, point SAR measurements were made for all 144 tuner states.
8. According to KDB 648474 D04 v01r03, in order to reduce the number of SAR tests required to demonstrate compliance for the numerous tuning states, certain SAR screening procedures were considered to identify the higher SAR between body-worn and hotspot scenarios that need normally required SAR measurements and allow SAR test reduction for the lower SAR conditions.
9. According to KDB 648474 D04 v01r03, this design will provide the highest power at different user scenarios and would not influence to the antenna characteristics other than impedance matching. The additional tuner hardware has no influence to the antenna characteristics, other than impedance matching.
10. The operational decryption contains more information about the design and implementation of the dynamic antenna tuning.

### 16.1 Supplemental Tuner Head & Body SAR Results

Please refer to Appendix F.

**Test Engineer** : Hank Huang, Kevin Xu, David Dai, Bin He



## **17. Uncertainty Assessment**

Per KDB 865664 D01 SAR measurement 100MHz to 6GHz, when the highest measured 1-g SAR within a frequency band is  $< 1.5$  W/kg and the measured 10-g SAR within a frequency band is  $< 3.75$  W/kg. The expanded SAR measurement uncertainty must be  $\leq 30\%$ , for a confidence interval of  $k = 2$ . If these conditions are met, extensive SAR measurement uncertainty analysis described in IEEE Std 1528-2013 is not required in SAR reports submitted for equipment approval. For this device, the highest measured 1-g SAR is less 1.5W/kg and highest measured 10-g SAR is less 3.75W/kg. Therefore, the measurement uncertainty table is not required in this report.



## 18. References

- [1] FCC 47 CFR Part 2 “Frequency Allocations and Radio Treaty Matters; General Rules and Regulations”
- [2] ANSI/IEEE Std. C95.1-1992, “IEEE Standard for Safety Levels with Respect to Human Exposure to Radio Frequency Electromagnetic Fields, 3 kHz to 300 GHz”, September 1992
- [3] IEEE Std. 1528-2013, “IEEE Recommended Practice for Determining the Peak Spatial-Average Specific Absorption Rate (SAR) in the Human Head from Wireless Communications Devices: Measurement Techniques”, Sep 2013
- [4] SPEAG DASY System Handbook
- [5] FCC KDB 865664 D01 v01r04, “SAR Measurement Requirements for 100 MHz to 6 GHz”, Aug 2015.
- [6] FCC KDB 865664 D02 v01r02, “RF Exposure Compliance Reporting and Documentation Considerations” Oct 2015.
- [7] FCC KDB 648474 D04 v01r03, “SAR Evaluation Considerations for Wireless Handsets”, Oct 2015.
- [8] FCC KDB 248227 D01 v02r02, “SAR Guidance for IEEE 802.11 (WiFi) Transmitters”, Oct 2015.
- [9] FCC KDB 941225 D01 v03r01, “3G SAR MEAUREMENT PROCEDURES”, Oct 2015
- [10] FCC KDB 941225 D05 v02r05, “SAR Evaluation Considerations for LTE Devices”, Dec 2015
- [11] FCC KDB 941225 D05A v01r02, “Rel. 10 LTE SAR Test Guidance and KDB Inquiries”, Oct 2015
- [12] FCC KDB 941225 D06 v02r01, “SAR Evaluation Procedures for Portable Devices with Wireless Router Capabilities”, Oct 2015.
- [13] FCC KDB 447498 D01 v06, “Mobile and Portable Device RF Exposure Procedures and Equipment Authorization Policies”, Oct 2015

-----THE END-----