

16. Simultaneous Transmission Analysis

Portable Condition	Tx mode	Capable TX Configurations	WWAN Power	WiFi	BT
				Power	Power
Head	WWAN standalone	WWAN	Index 2		
	WiFi standalone	WiFi 2.4G MIMO/CDD (Ant4+3)		Index 1	
		WiFi 5G MIMO (Ant7+3)			
		WiFi 6E MIMO (Ant7+3)			
		WiFi 2.4G MIMO (Ant4+3) + WiFi 5G MIMO (Ant7+3)		Index 2 (RSDB)	
		WiFi 2.4G MIMO (Ant4+3) + WiFi 6E MIMO (Ant7+3)			
	BT standalone	Bluetooth (Ant4) (BDR/EDR Only)			Index 1
		Bluetooth (Ant3) (BDR/EDR Only)			
		Bluetooth (Ant4+3) (BDR/EDR Only)			
	WiFi +BT	WiFi 5G MIMO (Ant7+3) + Bluetooth (Ant4)		Index 1	Index 1
		WiFi 5G MIMO (Ant7+3) + Bluetooth (Ant3)			
		WiFi 5G MIMO (Ant7+3) + Bluetooth (Ant4+3)			
		WiFi 6E MIMO (Ant7+3) + Bluetooth (Ant4)			
		WiFi 6E MIMO (Ant7+3) + Bluetooth (Ant3)			
		WiFi 6E MIMO (Ant7+3) + Bluetooth (Ant4+3)			
	WWAN + WiFi	WWAN + WiFi 2.4G MIMO/CDD (Ant4+3)	Index 3 / Index 7 (Hostpot on)	Index 3	
		WWAN + WiFi 5G MIMO (Ant7+3)			
		WWAN + WiFi 6E MIMO (Ant7+3)		Index 4 (RSDB)	
		WWAN + WiFi 2.4G MIMO (Ant4+3) + WiFi 5G MIMO (Ant7+3)			
		WWAN + WiFi 2.4G MIMO (Ant4+3) + WiFi 6E MIMO (Ant7+3)			
	WWAN + BT	WWAN + Bluetooth (Ant4) (BDR/EDR Only)	Index 3 / Index 7 (Hostpot on)		Index 1
		WWAN + Bluetooth (Ant3) (BDR/EDR Only)			
		WWAN + Bluetooth (Ant4+3) (BDR/EDR Only)			
	WWAN + WiFi + BT	WWAN + WiFi 5G MIMO (Ant7+3) + Bluetooth (Ant4)	Index 3 / Index 7 (Hostpot on)	Index 3	Index 1
		WWAN + WiFi 5G MIMO (Ant7+3) + Bluetooth (Ant3)			
		WWAN + WiFi 5G MIMO (Ant7+3) + Bluetooth (Ant4+3)			
		WWAN + WiFi 6E MIMO (Ant7+3) + Bluetooth (Ant4)			
		WWAN + WiFi 6E MIMO (Ant7+3) + Bluetooth (Ant3)			
		WWAN + WiFi 6E MIMO (Ant7+3) + Bluetooth (Ant4+3)			

Portable Condition	Tx mode	Capable TX Configurations	WWAN Power	WiFi	BT
				Power	Power
Body	WWAN standalone	WWAN	Index 5		
	WiFi standalone	WiFi 2.4G MIMO/CDD (Ant4+3)		Index 5	
		WiFi 5G MIMO (Ant7+3)			
		WiFi 6E MIMO (Ant7+3)			
		WiFi 2.4G MIMO (Ant4+3) + WiFi 5G MIMO (Ant7+3)		Index 6 (RSDB)	
		WiFi 2.4G MIMO (Ant4+3) + WiFi 6E MIMO (Ant7+3)			
	BT standalone	Bluetooth (Ant4) (BDR/EDR Only)			Index 2
		Bluetooth (Ant3) (BDR/EDR Only)			
		Bluetooth (Ant4+3) (BDR/EDR Only)			
	WiFi +BT	WiFi 5G MIMO (Ant7+3) + Bluetooth (Ant4)		Index 5	Index 3
		WiFi 5G MIMO (Ant7+3) + Bluetooth (Ant3)			
		WiFi 5G MIMO (Ant7+3) + Bluetooth (Ant4+3)			
		WiFi 6E MIMO (Ant7+3) + Bluetooth (Ant4)			
		WiFi 6E MIMO (Ant7+3) + Bluetooth (Ant3)			
		WiFi 6E MIMO (Ant7+3) + Bluetooth (Ant4+3)			
	WWAN + WiFi	WWAN + WiFi 2.4G MIMO/CDD (Ant4+3)	Index 6 / Index 4 (Hostpot on)	Index 7	
		WWAN + WiFi 5G MIMO (Ant7+3)			
		WWAN + WiFi 6E MIMO (Ant7+3)		Index 8 (RSDB)	
		WWAN + WiFi 2.4G MIMO (Ant4+3) + WiFi 5G MIMO (Ant7+3)			
		WWAN + WiFi 2.4G MIMO (Ant4+3) + WiFi 6E MIMO (Ant7+3)			
	WWAN + BT	WWAN + Bluetooth (Ant4) (BDR/EDR Only)	Index 6 / Index 4 (Hostpot on)		Index 3
		WWAN + Bluetooth (Ant3) (BDR/EDR Only)			
		WWAN + Bluetooth (Ant4+3) (BDR/EDR Only)			
	WWAN + WiFi +BT	WWAN + WiFi 5G MIMO (Ant7+3) + Bluetooth (Ant4)	Index 6 / Index 4 (Hostpot on)	Index 9	Index 4
		WWAN + WiFi 5G MIMO (Ant7+3) + Bluetooth (Ant3)			
		WWAN + WiFi 5G MIMO (Ant7+3) + Bluetooth (Ant4+3)			
		WWAN + WiFi 6E MIMO (Ant7+3) + Bluetooth (Ant4)			
		WWAN + WiFi 6E MIMO (Ant7+3) + Bluetooth (Ant3)			
		WWAN + WiFi 6E MIMO (Ant7+3) + Bluetooth (Ant4+3)			

General Note:

- Simultaneous operation at maximum power levels when the device is neither against the body nor the head (i.e. in a mobile RF exposure condition) is addressed in Sporton's RF Exposure report FA0D2942-04A
- The Sim-Tx configuration combination include in operation description will be match the title in the below Sum-Tx evaluation table.
- This device only WLAN 2.4GHz / 5.2GHz / 5.8GHz supports Hotspot operation and Bluetooth support tethering applications.
- The worst case WLAN reported SAR for each configuration was used for SAR summation. Therefore, the following summations represent the absolute worst cases for simultaneous transmission with WLAN.
- The Scaled SAR summation is calculated based on the same configuration and test position.
- Per KDB 447498 D01v06, simultaneous transmission SAR is compliant if,
 - Scalar SAR summation $< 1.6\text{W/kg}$.
 - $\text{SPLSR} = (\text{SAR}_1 + \text{SAR}_2)^{1.5} / (\text{min. separation distance, mm})$, and the peak separation distance is determined from the square root of $[(x_1-x_2)^2 + (y_1-y_2)^2 + (z_1-z_2)^2]$, where (x_1, y_1, z_1) and (x_2, y_2, z_2) are the coordinates of the extrapolated peak SAR locations in the zoom scan.
 - If $\text{SPLSR} \leq 0.04$, simultaneously transmission SAR measurement is not necessary.
 - Simultaneously transmission SAR measurement, and the reported multi-band SAR $< 1.6\text{W/kg}$.
- For WWAN power, when the device is in head mode and hotspot function is enabled, the device will select power index 7 which is further lower than power index 3, as described in the operational description. In this report, standalone and simultaneous SAR compliance for the mentioned scenario was justified at power index 3 conservatively.
- WiFi 2.4/5/6 GHz does not support SISO mode, so standalone SAR was only tested in MIMO mode operation

16.1 5G NR + LTE + WLAN + BT Sim-Tx analysis

The power ratio factors are g_1 and g_2 for LTE and NR respectively. The main purpose of these power ratio factors is to split the available SAR budget among different RATs, so $g_1 + g_2 \leq 1$. The value of g_1 is computed based on the need of the anchor (LTE) and can be changed if the anchor changes its power request. Based on the SAR Budget portion allocated to the anchor, the value of g_2 will be computed. At steady state (where all RATs are being on for a while), the allocated power ratio factors will guarantee that the total exposure ratio never exceeds the highest exposure of either one.

$$g_1 * LTE_{exposure} + g_2 * NR_{exposure} \leq 1.0,$$

$$\text{then, } g_1 * LTE_{exposure} + g_2 * NR_{exposure} \leq \max (LTE_{exposure}, NR_{exposure})$$

Compliance of simultaneous transmission of LTE+5GNR+WiFi+BT can be justified from the compliance of LTE+WiFi +BT and 5GNR+WiFi+BT

16.2 Head Exposure Conditions

<WLAN Index 1, BT Index 1>

Exposure Position	2 5/6GHz WLAN Ant 4+3 1g SAR (W/kg)	3 Bluetooth Ant 4 1g SAR (W/kg)	4 Bluetooth Ant 3 1g SAR (W/kg)	5 Bluetooth Ant 4+3 1g SAR (W/kg)	2+3 Summed 1g SAR (W/kg)	2+4 Summed 1g SAR (W/kg)	2+5 Summed 1g SAR (W/kg)
Right Cheek	1.117	0.057	0.189	0.195	1.174	1.306	1.312
Right Tilted	0.731	0.075	0.161	0.184	0.806	0.892	0.915
Left Cheek	1.073	0.134	0.046	0.194	1.207	1.119	1.267
Left Tilted	1.158	0.115	0.047	0.185	1.273	1.205	1.343

<WLAN Index 2>

Exposure Position	1 2.4GHz WLAN Ant 4+3 1g SAR (W/kg)	2 5/6GHz WLAN Ant 4+3 1g SAR (W/kg)	1+2 Summed 1g SAR (W/kg)
Right Cheek	0.578	0.996	1.574
Right Tilted	0.629	0.651	1.280
Left Cheek	0.317	0.853	1.170
Left Tilted	0.366	0.920	1.286

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<WWAN Index 3, WLAN Index 3, BT Index 1>

WWAN Band	Exposure Position	1	2	3	4	5	6	1+3+4 Summed 1g SAR (W/kg)	1+3+5 Summed 1g SAR (W/kg)	1+3+6 Summed 1g SAR (W/kg)	1+3 Summed 1g SAR (W/kg)	1+2 Summed 1g SAR (W/kg)	1+4 Summed 1g SAR (W/kg)	1+5 Summed 1g SAR (W/kg)	1+6 Summed 1g SAR (W/kg)
		WWAN	2.4GHz WLAN Ant 4+3	5/6GHz WLAN Ant 4+3	Bluetooth Ant 4	Bluetooth Ant 3	Bluetooth Ant 4+3								
		1g SAR (W/kg)	1g SAR (W/kg)	1g SAR (W/kg)	1g SAR (W/kg)	1g SAR (W/kg)	1g SAR (W/kg)								
GSM850_Ant 1	Right Cheek	0.827	0.649	0.408	0.057	0.189	0.195	1.292	1.424	1.430	1.235	1.476	0.884	1.016	1.022
	Right Tilted	0.821	0.705	0.239	0.075	0.161	0.184	1.135	1.221	1.244	1.060	1.526	0.896	0.982	1.005
	Left Cheek	0.396	0.356	0.335	0.134	0.046	0.194	0.865	0.777	0.925	0.731	0.752	0.530	0.442	0.590
	Left Tilted	0.333	0.411	0.355	0.115	0.047	0.185	0.803	0.735	0.873	0.688	0.744	0.448	0.380	0.518
GSM1900_Ant 0	Right Cheek	0.184	0.649	0.408	0.057	0.189	0.195	0.649	0.781	0.787	0.592	0.833	0.241	0.373	0.379
	Right Tilted	0.161	0.705	0.239	0.075	0.161	0.184	0.475	0.561	0.584	0.400	0.866	0.236	0.322	0.345
	Left Cheek	0.460	0.356	0.335	0.134	0.046	0.194	0.929	0.841	0.989	0.795	0.816	0.594	0.506	0.654
	Left Tilted	0.172	0.411	0.355	0.115	0.047	0.185	0.642	0.574	0.712	0.527	0.583	0.287	0.219	0.357
WCDMA II_Ant 0	Right Cheek	0.138	0.649	0.408	0.057	0.189	0.195	0.603	0.735	0.741	0.546	0.787	0.195	0.327	0.333
	Right Tilted	0.051	0.705	0.239	0.075	0.161	0.184	0.365	0.451	0.474	0.290	0.756	0.126	0.212	0.235
	Left Cheek	0.470	0.356	0.335	0.134	0.046	0.194	0.939	0.851	0.999	0.805	0.826	0.604	0.516	0.664
	Left Tilted	0.152	0.411	0.355	0.115	0.047	0.185	0.622	0.554	0.692	0.507	0.563	0.267	0.199	0.337
WCDMA IV_Ant 0	Right Cheek	0.180	0.649	0.408	0.057	0.189	0.195	0.645	0.777	0.783	0.588	0.829	0.237	0.369	0.375
	Right Tilted	0.144	0.705	0.239	0.075	0.161	0.184	0.458	0.544	0.567	0.383	0.849	0.219	0.305	0.328
	Left Cheek	0.359	0.356	0.335	0.134	0.046	0.194	0.828	0.740	0.888	0.694	0.715	0.493	0.405	0.553
	Left Tilted	0.168	0.411	0.355	0.115	0.047	0.185	0.638	0.570	0.708	0.523	0.579	0.283	0.215	0.353
WCDMA V_Ant 1	Right Cheek	0.480	0.649	0.408	0.057	0.189	0.195	0.945	1.077	1.083	0.888	1.129	0.537	0.669	0.675
	Right Tilted	0.298	0.705	0.239	0.075	0.161	0.184	0.612	0.698	0.721	0.537	1.003	0.373	0.459	0.482
	Left Cheek	0.198	0.356	0.335	0.134	0.046	0.194	0.667	0.579	0.727	0.533	0.554	0.332	0.244	0.392
	Left Tilted	0.186	0.411	0.355	0.115	0.047	0.185	0.656	0.588	0.726	0.541	0.597	0.301	0.233	0.371
LTE Band 7_Ant 0	Right Cheek	0.193	0.649	0.408	0.057	0.189	0.195	0.658	0.790	0.796	0.601	0.842	0.250	0.382	0.388
	Right Tilted	0.096	0.705	0.239	0.075	0.161	0.184	0.410	0.496	0.519	0.335	0.801	0.171	0.257	0.280
	Left Cheek	0.435	0.356	0.335	0.134	0.046	0.194	0.904	0.816	0.964	0.770	0.791	0.569	0.481	0.629
	Left Tilted	0.157	0.411	0.355	0.115	0.047	0.185	0.627	0.559	0.697	0.512	0.568	0.272	0.204	0.342
LTE Band 12_Ant 1	Right Cheek	0.684	0.649	0.408	0.057	0.189	0.195	1.149	1.281	1.287	1.092	1.333	0.741	0.873	0.879
	Right Tilted	0.559	0.705	0.239	0.075	0.161	0.184	0.873	0.959	0.982	0.798	1.264	0.634	0.720	0.743
	Left Cheek	0.296	0.356	0.335	0.134	0.046	0.194	0.765	0.677	0.825	0.631	0.652	0.430	0.342	0.490
	Left Tilted	0.290	0.411	0.355	0.115	0.047	0.185	0.760	0.692	0.830	0.645	0.701	0.405	0.337	0.475
LTE Band 13_Ant 1	Right Cheek	0.910	0.649	0.408	0.057	0.189	0.195	1.375	1.507	1.513	1.318	1.559	0.967	1.099	1.105
	Right Tilted	0.879	0.705	0.239	0.075	0.161	0.184	1.193	1.279	1.302	1.118	1.584	0.954	1.040	1.063
	Left Cheek	0.410	0.356	0.335	0.134	0.046	0.194	0.879	0.791	0.939	0.745	0.766	0.544	0.456	0.604
	Left Tilted	0.350	0.411	0.355	0.115	0.047	0.185	0.820	0.752	0.890	0.705	0.761	0.465	0.397	0.535
LTE Band 14_Ant 1	Right Cheek	0.856	0.649	0.408	0.057	0.189	0.195	1.321	1.453	1.459	1.264	1.505	0.913	1.045	1.051
	Right Tilted	0.792	0.705	0.239	0.075	0.161	0.184	1.106	1.192	1.215	1.031	1.497	0.867	0.953	0.976
	Left Cheek	0.358	0.356	0.335	0.134	0.046	0.194	0.827	0.739	0.887	0.693	0.714	0.492	0.404	0.552
	Left Tilted	0.306	0.411	0.355	0.115	0.047	0.185	0.776	0.708	0.846	0.661	0.717	0.421	0.353	0.491
LTE Band 25_Ant 0	Right Cheek	0.256	0.649	0.408	0.057	0.189	0.195	0.721	0.853	0.859	0.664	0.905	0.313	0.445	0.451
	Right Tilted	0.157	0.705	0.239	0.075	0.161	0.184	0.471	0.557	0.580	0.396	0.862	0.232	0.318	0.341
	Left Cheek	0.469	0.356	0.335	0.134	0.046	0.194	0.938	0.850	0.998	0.804	0.825	0.603	0.515	0.663
	Left Tilted	0.185	0.411	0.355	0.115	0.047	0.185	0.655	0.587	0.725	0.540	0.596	0.300	0.232	0.370
LTE Band 26_Ant 1	Right Cheek	0.888	0.649	0.408	0.057	0.189	0.195	1.353	1.485	1.491	1.296	1.537	0.945	1.077	1.083
	Right Tilted	0.843	0.705	0.239	0.075	0.161	0.184	1.157	1.243	1.266	1.082	1.548	0.918	1.004	1.027
	Left Cheek	0.437	0.356	0.335	0.134	0.046	0.194	0.906	0.818	0.966	0.772	0.793	0.571	0.483	0.631
	Left Tilted	0.377	0.411	0.355	0.115	0.047	0.185	0.847	0.779	0.917	0.732	0.788	0.492	0.424	0.562
LTE Band 30_Ant 0	Right Cheek	0.161	0.649	0.408	0.057	0.189	0.195	0.626	0.758	0.764	0.569	0.810	0.218	0.350	0.356
	Right Tilted	0.139	0.705	0.239	0.075	0.161	0.184	0.453	0.539	0.562	0.378	0.844	0.214	0.300	0.323
	Left Cheek	0.384	0.356	0.335	0.134	0.046	0.194	0.853	0.765	0.913	0.719	0.740	0.518	0.430	0.578
	Left Tilted	0.110	0.411	0.355	0.115	0.047	0.185	0.580	0.512	0.650	0.465	0.521	0.225	0.157	0.295
LTE Band 41_Ant 0	Right Cheek	0.073	0.649	0.408	0.057	0.189	0.195	0.538	0.670	0.676	0.481	0.722	0.130	0.262	0.268



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	Right Tilted	0.064	0.705	0.239	0.075	0.161	0.184	0.378	0.464	0.487	0.303	0.769	0.139	0.225	0.248
	Left Cheek	0.242	0.356	0.335	0.134	0.046	0.194	0.711	0.623	0.771	0.577	0.598	0.376	0.288	0.436
	Left Tilted	0.046	0.411	0.355	0.115	0.047	0.185	0.516	0.448	0.586	0.401	0.457	0.161	0.093	0.231
LTE Band 48_Ant 2	Right Cheek	0.410	0.649	0.408	0.057	0.189	0.195	0.875	1.007	1.013	0.818	1.059	0.467	0.599	0.605
	Right Tilted	0.139	0.705	0.239	0.075	0.161	0.184	0.453	0.539	0.562	0.378	0.844	0.214	0.300	0.323
	Left Cheek	0.177	0.356	0.335	0.134	0.046	0.194	0.646	0.558	0.706	0.512	0.533	0.311	0.223	0.371
	Left Tilted	0.086	0.411	0.355	0.115	0.047	0.185	0.556	0.488	0.626	0.441	0.497	0.201	0.133	0.271
LTE Band 66_Ant 0	Right Cheek	0.241	0.649	0.408	0.057	0.189	0.195	0.706	0.838	0.844	0.649	0.890	0.298	0.430	0.436
	Right Tilted	0.201	0.705	0.239	0.075	0.161	0.184	0.515	0.601	0.624	0.440	0.906	0.276	0.362	0.385
	Left Cheek	0.467	0.356	0.335	0.134	0.046	0.194	0.936	0.848	0.996	0.802	0.823	0.601	0.513	0.661
	Left Tilted	0.191	0.411	0.355	0.115	0.047	0.185	0.661	0.593	0.731	0.546	0.602	0.306	0.238	0.376
LTE Band 71_Ant 1	Right Cheek	0.852	0.649	0.408	0.057	0.189	0.195	1.317	1.449	1.455	1.260	1.501	0.909	1.041	1.047
	Right Tilted	0.614	0.705	0.239	0.075	0.161	0.184	0.928	1.014	1.037	0.853	1.319	0.689	0.775	0.798
	Left Cheek	0.209	0.356	0.335	0.134	0.046	0.194	0.678	0.590	0.738	0.544	0.565	0.343	0.255	0.403
	Left Tilted	0.169	0.411	0.355	0.115	0.047	0.185	0.639	0.571	0.709	0.524	0.580	0.284	0.216	0.354
FR1 n5_Ant 1	Right Cheek	0.899	0.649	0.408	0.057	0.189	0.195	1.364	1.496	1.502	1.307	1.548	0.956	1.088	1.094
	Right Tilted	0.651	0.705	0.239	0.075	0.161	0.184	0.965	1.051	1.074	0.890	1.356	0.726	0.812	0.835
	Left Cheek	0.301	0.356	0.335	0.134	0.046	0.194	0.770	0.682	0.830	0.636	0.657	0.435	0.347	0.495
	Left Tilted	0.243	0.411	0.355	0.115	0.047	0.185	0.713	0.645	0.783	0.598	0.654	0.358	0.290	0.428
FR1 n7_Ant 0	Right Cheek	0.134	0.649	0.408	0.057	0.189	0.195	0.599	0.731	0.737	0.542	0.783	0.191	0.323	0.329
	Right Tilted	0.085	0.705	0.239	0.075	0.161	0.184	0.399	0.485	0.508	0.324	0.790	0.160	0.246	0.269
	Left Cheek	0.363	0.356	0.335	0.134	0.046	0.194	0.832	0.744	0.892	0.698	0.719	0.497	0.409	0.557
	Left Tilted	0.150	0.411	0.355	0.115	0.047	0.185	0.620	0.552	0.690	0.505	0.561	0.265	0.197	0.335
FR1 n12_Ant 1	Right Cheek	0.668	0.649	0.408	0.057	0.189	0.195	1.133	1.265	1.271	1.076	1.317	0.725	0.857	0.863
	Right Tilted	0.576	0.705	0.239	0.075	0.161	0.184	0.890	0.976	0.999	0.815	1.281	0.651	0.737	0.760
	Left Cheek	0.298	0.356	0.335	0.134	0.046	0.194	0.767	0.679	0.827	0.633	0.654	0.432	0.344	0.492
	Left Tilted	0.330	0.411	0.355	0.115	0.047	0.185	0.800	0.732	0.870	0.685	0.741	0.445	0.377	0.515
FR1 n25_Ant 0	Right Cheek	0.192	0.649	0.408	0.057	0.189	0.195	0.657	0.789	0.795	0.600	0.841	0.249	0.381	0.387
	Right Tilted	0.160	0.705	0.239	0.075	0.161	0.184	0.474	0.560	0.583	0.399	0.865	0.235	0.321	0.344
	Left Cheek	0.485	0.356	0.335	0.134	0.046	0.194	0.954	0.866	1.014	0.820	0.841	0.619	0.531	0.679
	Left Tilted	0.192	0.411	0.355	0.115	0.047	0.185	0.662	0.594	0.732	0.547	0.603	0.307	0.239	0.377
FR1 n30_Ant 0	Right Cheek	0.155	0.649	0.408	0.057	0.189	0.195	0.620	0.752	0.758	0.563	0.804	0.212	0.344	0.350
	Right Tilted	0.129	0.705	0.239	0.075	0.161	0.184	0.443	0.529	0.552	0.368	0.834	0.204	0.290	0.313
	Left Cheek	0.313	0.356	0.335	0.134	0.046	0.194	0.782	0.694	0.842	0.648	0.669	0.447	0.359	0.507
	Left Tilted	0.095	0.411	0.355	0.115	0.047	0.185	0.565	0.497	0.635	0.450	0.506	0.210	0.142	0.280
FR1 n41_Ant 1	Right Cheek	0.827	0.649	0.408	0.057	0.189	0.195	1.292	1.424	1.430	1.235	1.476	0.884	1.016	1.022
	Right Tilted	0.641	0.705	0.239	0.075	0.161	0.184	0.955	1.041	1.064	0.880	1.346	0.716	0.802	0.825
	Left Cheek	0.135	0.356	0.335	0.134	0.046	0.194	0.604	0.516	0.664	0.470	0.491	0.269	0.181	0.329
	Left Tilted	0.128	0.411	0.355	0.115	0.047	0.185	0.598	0.530	0.668	0.483	0.539	0.243	0.175	0.313
FR1 n66_Ant 0	Right Cheek	0.180	0.649	0.408	0.057	0.189	0.195	0.645	0.777	0.783	0.588	0.829	0.237	0.369	0.375
	Right Tilted	0.175	0.705	0.239	0.075	0.161	0.184	0.489	0.575	0.598	0.414	0.880	0.250	0.336	0.359
	Left Cheek	0.391	0.356	0.335	0.134	0.046	0.194	0.860	0.772	0.920	0.726	0.747	0.525	0.437	0.585
	Left Tilted	0.195	0.411	0.355	0.115	0.047	0.185	0.665	0.597	0.735	0.550	0.606	0.310	0.242	0.380
FR1 n71_Ant 1	Right Cheek	0.876	0.649	0.408	0.057	0.189	0.195	1.341	1.473	1.479	1.284	1.525	0.933	1.065	1.071
	Right Tilted	0.728	0.705	0.239	0.075	0.161	0.184	1.042	1.128	1.151	0.967	1.433	0.803	0.889	0.912
	Left Cheek	0.203	0.356	0.335	0.134	0.046	0.194	0.672	0.584	0.732	0.538	0.559	0.337	0.249	0.397
	Left Tilted	0.165	0.411	0.355	0.115	0.047	0.185	0.635	0.567	0.705	0.520	0.576	0.280	0.212	0.350
FR1 n77_Ant 2	Right Cheek	0.884	0.649	0.408	0.057	0.189	0.195	1.349	1.481	1.487	1.292	1.533	0.941	1.073	1.079
	Right Tilted	0.393	0.705	0.239	0.075	0.161	0.184	0.707	0.793	0.816	0.632	1.098	0.468	0.554	0.577
	Left Cheek	0.583	0.356	0.335	0.134	0.046	0.194	1.052	0.964	1.112	0.918	0.939	0.717	0.629	0.777
	Left Tilted	0.599	0.411	0.355	0.115	0.047	0.185	1.069	1.001	1.139	0.954	1.010	0.714	0.646	0.784

**FCC SAR TEST REPORT**

Report No. : FA0D2942-04C

<WWAN Index 3, WLAN Index 3, BT Index 1>

WWAN Band	Exposure Position	1	2	3	4	5	6	1+3+4 Summed 1g SAR (W/kg)	1+3+5 Summed 1g SAR (W/kg)	1+3+6 Summed 1g SAR (W/kg)	1+3 Summed 1g SAR (W/kg)	1+2 Summed 1g SAR (W/kg)	1+4 Summed 1g SAR (W/kg)	1+5 Summed 1g SAR (W/kg)	1+6 Summed 1g SAR (W/kg)
		WWAN	2.4GHz WLAN Ant 4+3	5/6GHz WLAN Ant 4+3	Bluetooth Ant 4	Bluetooth Ant 3	Bluetooth Ant 4+3								
		1g SAR (W/kg)	1g SAR (W/kg)	1g SAR (W/kg)	1g SAR (W/kg)	1g SAR (W/kg)	1g SAR (W/kg)								
GSM850_Ant 0	Right Cheek	0.251	0.649	0.408	0.057	0.189	0.195	0.716	0.848	0.854	0.659	0.900	0.308	0.440	0.446
	Right Tilted	0.163	0.705	0.239	0.075	0.161	0.184	0.477	0.563	0.586	0.402	0.868	0.238	0.324	0.347
	Left Cheek	0.403	0.356	0.335	0.134	0.046	0.194	0.872	0.784	0.932	0.738	0.759	0.537	0.449	0.597
	Left Tilted	0.251	0.411	0.355	0.115	0.047	0.185	0.721	0.653	0.791	0.606	0.662	0.366	0.298	0.436
GSM1900_Ant 2	Right Cheek	0.122	0.649	0.408	0.057	0.189	0.195	0.587	0.719	0.725	0.530	0.771	0.179	0.311	0.317
	Right Tilted	0.073	0.705	0.239	0.075	0.161	0.184	0.387	0.473	0.496	0.312	0.778	0.148	0.234	0.257
	Left Cheek	0.096	0.356	0.335	0.134	0.046	0.194	0.565	0.477	0.625	0.431	0.452	0.230	0.142	0.290
	Left Tilted	0.076	0.411	0.355	0.115	0.047	0.185	0.546	0.478	0.616	0.431	0.487	0.191	0.123	0.261
WCDMA II_Ant 2	Right Cheek	0.142	0.649	0.408	0.057	0.189	0.195	0.607	0.739	0.745	0.550	0.791	0.199	0.331	0.337
	Right Tilted	0.001	0.705	0.239	0.075	0.161	0.184	0.315	0.401	0.424	0.240	0.706	0.076	0.162	0.185
	Left Cheek	0.130	0.356	0.335	0.134	0.046	0.194	0.599	0.511	0.659	0.465	0.486	0.264	0.176	0.324
	Left Tilted	0.044	0.411	0.355	0.115	0.047	0.185	0.514	0.446	0.584	0.399	0.455	0.159	0.091	0.229
WCDMA IV_Ant 2	Right Cheek	0.280	0.649	0.408	0.057	0.189	0.195	0.745	0.877	0.883	0.688	0.929	0.337	0.469	0.475
	Right Tilted	0.001	0.705	0.239	0.075	0.161	0.184	0.315	0.401	0.424	0.240	0.706	0.076	0.162	0.185
	Left Cheek	0.137	0.356	0.335	0.134	0.046	0.194	0.606	0.518	0.666	0.472	0.493	0.271	0.183	0.331
	Left Tilted	0.001	0.411	0.355	0.115	0.047	0.185	0.471	0.403	0.541	0.356	0.412	0.116	0.048	0.186
WCDMA V_Ant 0	Right Cheek	0.229	0.649	0.408	0.057	0.189	0.195	0.694	0.826	0.832	0.637	0.878	0.286	0.418	0.424
	Right Tilted	0.064	0.705	0.239	0.075	0.161	0.184	0.378	0.464	0.487	0.303	0.769	0.139	0.225	0.248
	Left Cheek	0.321	0.356	0.335	0.134	0.046	0.194	0.790	0.702	0.850	0.656	0.677	0.455	0.367	0.515
	Left Tilted	0.122	0.411	0.355	0.115	0.047	0.185	0.592	0.524	0.662	0.477	0.533	0.237	0.169	0.307
LTE Band 7_Ant 2	Right Cheek	0.450	0.649	0.408	0.057	0.189	0.195	0.915	1.047	1.053	0.858	1.099	0.507	0.639	0.645
	Right Tilted	0.243	0.705	0.239	0.075	0.161	0.184	0.557	0.643	0.666	0.482	0.948	0.318	0.404	0.427
	Left Cheek	0.312	0.356	0.335	0.134	0.046	0.194	0.781	0.693	0.841	0.647	0.668	0.446	0.358	0.506
	Left Tilted	0.282	0.411	0.355	0.115	0.047	0.185	0.752	0.684	0.822	0.637	0.693	0.397	0.329	0.467
LTE Band 12_Ant 0	Right Cheek	0.208	0.649	0.408	0.057	0.189	0.195	0.673	0.805	0.811	0.616	0.857	0.265	0.397	0.403
	Right Tilted	0.123	0.705	0.239	0.075	0.161	0.184	0.437	0.523	0.546	0.362	0.828	0.198	0.284	0.307
	Left Cheek	0.289	0.356	0.335	0.134	0.046	0.194	0.758	0.670	0.818	0.624	0.645	0.423	0.335	0.483
	Left Tilted	0.158	0.411	0.355	0.115	0.047	0.185	0.628	0.560	0.698	0.513	0.569	0.273	0.205	0.343
LTE Band 13_Ant 0	Right Cheek	0.240	0.649	0.408	0.057	0.189	0.195	0.705	0.837	0.843	0.648	0.889	0.297	0.429	0.435
	Right Tilted	0.152	0.705	0.239	0.075	0.161	0.184	0.466	0.552	0.575	0.391	0.857	0.227	0.313	0.336
	Left Cheek	0.328	0.356	0.335	0.134	0.046	0.194	0.797	0.709	0.857	0.663	0.684	0.462	0.374	0.522
	Left Tilted	0.220	0.411	0.355	0.115	0.047	0.185	0.690	0.622	0.760	0.575	0.631	0.335	0.267	0.405
LTE Band 14_Ant 0	Right Cheek	0.254	0.649	0.408	0.057	0.189	0.195	0.719	0.851	0.857	0.662	0.903	0.311	0.443	0.449
	Right Tilted	0.154	0.705	0.239	0.075	0.161	0.184	0.468	0.554	0.577	0.393	0.859	0.229	0.315	0.338
	Left Cheek	0.344	0.356	0.335	0.134	0.046	0.194	0.813	0.725	0.873	0.679	0.700	0.478	0.390	0.538
	Left Tilted	0.211	0.411	0.355	0.115	0.047	0.185	0.681	0.613	0.751	0.566	0.622	0.326	0.258	0.396
LTE Band 25_Ant 2	Right Cheek	0.128	0.649	0.408	0.057	0.189	0.195	0.593	0.725	0.731	0.536	0.777	0.185	0.317	0.323
	Right Tilted	0.079	0.705	0.239	0.075	0.161	0.184	0.393	0.479	0.502	0.318	0.784	0.154	0.240	0.263
	Left Cheek	0.109	0.356	0.335	0.134	0.046	0.194	0.578	0.490	0.638	0.444	0.465	0.243	0.155	0.303
	Left Tilted	0.096	0.411	0.355	0.115	0.047	0.185	0.566	0.498	0.636	0.451	0.507	0.211	0.143	0.281
LTE Band 26_Ant 0	Right Cheek	0.214	0.649	0.408	0.057	0.189	0.195	0.679	0.811	0.817	0.622	0.863	0.271	0.403	0.409
	Right Tilted	0.141	0.705	0.239	0.075	0.161	0.184	0.455	0.541	0.564	0.380	0.846	0.216	0.302	0.325
	Left Cheek	0.309	0.356	0.335	0.134	0.046	0.194	0.778	0.690	0.838	0.644	0.665	0.443	0.355	0.503
	Left Tilted	0.158	0.411	0.355	0.115	0.047	0.185	0.628	0.560	0.698	0.513	0.569	0.273	0.205	0.343
LTE Band 30_Ant 2	Right Cheek	0.228	0.649	0.408	0.057	0.189	0.195	0.693	0.825	0.831	0.636	0.877	0.285	0.417	0.423
	Right Tilted	0.096	0.705	0.239	0.075	0.161	0.184	0.410	0.496	0.519	0.335	0.801	0.171	0.257	0.280
	Left Cheek	0.116	0.356	0.335	0.134	0.046	0.194	0.585	0.497	0.645	0.451	0.472	0.250	0.162	0.310
	Left Tilted	0.101	0.411	0.355	0.115	0.047	0.185	0.571	0.503	0.641	0.456	0.512	0.216	0.148	0.286
LTE Band 41_Ant 2	Right Cheek	0.272	0.649	0.408	0.057	0.189	0.195	0.737	0.869	0.875	0.680	0.921	0.329	0.461	0.467



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	Right Tilted	0.090	0.705	0.239	0.075	0.161	0.184	0.404	0.490	0.513	0.329	0.795	0.165	0.251	0.274
	Left Cheek	0.165	0.356	0.335	0.134	0.046	0.194	0.634	0.546	0.694	0.500	0.521	0.299	0.211	0.359
	Left Tilted	0.124	0.411	0.355	0.115	0.047	0.185	0.594	0.526	0.664	0.479	0.535	0.239	0.171	0.309
LTE Band 48_Ant 6	Right Cheek	0.280	0.649	0.408	0.057	0.189	0.195	0.745	0.877	0.883	0.688	0.929	0.337	0.469	0.475
	Right Tilted	0.233	0.705	0.239	0.075	0.161	0.184	0.547	0.633	0.656	0.472	0.938	0.308	0.394	0.417
	Left Cheek	0.450	0.356	0.335	0.134	0.046	0.194	0.919	0.831	0.979	0.785	0.806	0.584	0.496	0.644
	Left Tilted	0.161	0.411	0.355	0.115	0.047	0.185	0.631	0.563	0.701	0.516	0.572	0.276	0.208	0.346
LTE Band 66_Ant 2	Right Cheek	0.208	0.649	0.408	0.057	0.189	0.195	0.673	0.805	0.811	0.616	0.857	0.265	0.397	0.403
	Right Tilted	0.130	0.705	0.239	0.075	0.161	0.184	0.444	0.530	0.553	0.369	0.835	0.205	0.291	0.314
	Left Cheek	0.138	0.356	0.335	0.134	0.046	0.194	0.607	0.519	0.667	0.473	0.494	0.272	0.184	0.332
	Left Tilted	0.112	0.411	0.355	0.115	0.047	0.185	0.582	0.514	0.652	0.467	0.523	0.227	0.159	0.297
LTE Band 71_Ant 0	Right Cheek	0.204	0.649	0.408	0.057	0.189	0.195	0.669	0.801	0.807	0.612	0.853	0.261	0.393	0.399
	Right Tilted	0.113	0.705	0.239	0.075	0.161	0.184	0.427	0.513	0.536	0.352	0.818	0.188	0.274	0.297
	Left Cheek	0.276	0.356	0.335	0.134	0.046	0.194	0.745	0.657	0.805	0.611	0.632	0.410	0.322	0.470
	Left Tilted	0.149	0.411	0.355	0.115	0.047	0.185	0.619	0.551	0.689	0.504	0.560	0.264	0.196	0.334
FR1 n5_Ant 0	Right Cheek	0.208	0.649	0.408	0.057	0.189	0.195	0.673	0.805	0.811	0.616	0.857	0.265	0.397	0.403
	Right Tilted	0.127	0.705	0.239	0.075	0.161	0.184	0.441	0.527	0.550	0.366	0.832	0.202	0.288	0.311
	Left Cheek	0.281	0.356	0.335	0.134	0.046	0.194	0.750	0.662	0.810	0.616	0.637	0.415	0.327	0.475
	Left Tilted	0.168	0.411	0.355	0.115	0.047	0.185	0.638	0.570	0.708	0.523	0.579	0.283	0.215	0.353
FR1 n7_Ant 2	Right Cheek	0.356	0.649	0.408	0.057	0.189	0.195	0.821	0.953	0.959	0.764	1.005	0.413	0.545	0.551
	Right Tilted	0.164	0.705	0.239	0.075	0.161	0.184	0.478	0.564	0.587	0.403	0.869	0.239	0.325	0.348
	Left Cheek	0.076	0.356	0.335	0.134	0.046	0.194	0.545	0.457	0.605	0.411	0.432	0.210	0.122	0.270
	Left Tilted	0.067	0.411	0.355	0.115	0.047	0.185	0.537	0.469	0.607	0.422	0.478	0.182	0.114	0.252
FR1 n12_Ant 0	Right Cheek	0.177	0.649	0.408	0.057	0.189	0.195	0.642	0.774	0.780	0.585	0.826	0.234	0.366	0.372
	Right Tilted	0.113	0.705	0.239	0.075	0.161	0.184	0.427	0.513	0.536	0.352	0.818	0.188	0.274	0.297
	Left Cheek	0.242	0.356	0.335	0.134	0.046	0.194	0.711	0.623	0.771	0.577	0.598	0.376	0.288	0.436
	Left Tilted	0.153	0.411	0.355	0.115	0.047	0.185	0.623	0.555	0.693	0.508	0.564	0.268	0.200	0.338
FR1 n25_Ant 2	Right Cheek	0.101	0.649	0.408	0.057	0.189	0.195	0.566	0.698	0.704	0.509	0.750	0.158	0.290	0.296
	Right Tilted	0.067	0.705	0.239	0.075	0.161	0.184	0.381	0.467	0.490	0.306	0.772	0.142	0.228	0.251
	Left Cheek	0.121	0.356	0.335	0.134	0.046	0.194	0.590	0.502	0.650	0.456	0.477	0.255	0.167	0.315
	Left Tilted	0.098	0.411	0.355	0.115	0.047	0.185	0.568	0.500	0.638	0.453	0.509	0.213	0.145	0.283
FR1 n30_Ant 2	Right Cheek	0.200	0.649	0.408	0.057	0.189	0.195	0.665	0.797	0.803	0.608	0.849	0.257	0.389	0.395
	Right Tilted	0.084	0.705	0.239	0.075	0.161	0.184	0.398	0.484	0.507	0.323	0.789	0.159	0.245	0.268
	Left Cheek	0.117	0.356	0.335	0.134	0.046	0.194	0.586	0.498	0.646	0.452	0.473	0.251	0.163	0.311
	Left Tilted	0.119	0.411	0.355	0.115	0.047	0.185	0.589	0.521	0.659	0.474	0.530	0.234	0.166	0.304
FR1 n41_Ant 5	Right Cheek	0.318	0.649	0.408	0.057	0.189	0.195	0.783	0.915	0.921	0.726	0.967	0.375	0.507	0.513
	Right Tilted	0.085	0.705	0.239	0.075	0.161	0.184	0.399	0.485	0.508	0.324	0.790	0.160	0.246	0.269
	Left Cheek	0.898	0.356	0.335	0.134	0.046	0.194	1.367	1.279	1.427	1.233	1.254	1.032	0.944	1.092
	Left Tilted	0.214	0.411	0.355	0.115	0.047	0.185	0.684	0.616	0.754	0.569	0.625	0.329	0.261	0.399
FR1 n66_Ant 2	Right Cheek	0.225	0.649	0.408	0.057	0.189	0.195	0.690	0.822	0.828	0.633	0.874	0.282	0.414	0.420
	Right Tilted	0.157	0.705	0.239	0.075	0.161	0.184	0.471	0.557	0.580	0.396	0.862	0.232	0.318	0.341
	Left Cheek	0.160	0.356	0.335	0.134	0.046	0.194	0.629	0.541	0.689	0.495	0.516	0.294	0.206	0.354
	Left Tilted	0.118	0.411	0.355	0.115	0.047	0.185	0.588	0.520	0.658	0.473	0.529	0.233	0.165	0.303
FR1 n71_Ant 0	Right Cheek	0.184	0.649	0.408	0.057	0.189	0.195	0.649	0.781	0.787	0.592	0.833	0.241	0.373	0.379
	Right Tilted	0.106	0.705	0.239	0.075	0.161	0.184	0.420	0.506	0.529	0.345	0.811	0.181	0.267	0.290
	Left Cheek	0.244	0.356	0.335	0.134	0.046	0.194	0.713	0.625	0.773	0.579	0.600	0.378	0.290	0.438
	Left Tilted	0.146	0.411	0.355	0.115	0.047	0.185	0.616	0.548	0.686	0.501	0.557	0.261	0.193	0.331
FR1 n77_Ant 6	Right Cheek	0.546	0.649	0.408	0.057	0.189	0.195	1.011	1.143	1.149	0.954	1.195	0.603	0.735	0.741
	Right Tilted	0.395	0.705	0.239	0.075	0.161	0.184	0.709	0.795	0.818	0.634	1.100	0.470	0.556	0.579
	Left Cheek	0.846	0.356	0.335	0.134	0.046	0.194	1.315	1.227	1.375	1.181	1.202	0.980	0.892	1.040
	Left Tilted	0.300	0.411	0.355	0.115	0.047	0.185	0.770	0.702	0.840	0.655	0.711	0.415	0.347	0.485

**<WWAN Index 3, WLAN Index 4>**

WWAN Band	Exposure Position	1	2	3	1+2+3 Summed 1g SAR (W/kg)
		WWAN	2.4GHz WLAN Ant 4+3	5/6GHz WLAN Ant 4+3	
		1g SAR (W/kg)	1g SAR (W/kg)	1g SAR (W/kg)	
GSM850_Ant 1	Right Cheek	0.827	0.128	0.514	1.469
	Right Tilted	0.821	0.101	0.301	1.223
	Left Cheek	0.396	0.076	0.422	0.894
	Left Tilted	0.333	0.072	0.447	0.852
GSM1900_Ant 0	Right Cheek	0.184	0.128	0.514	0.826
	Right Tilted	0.161	0.101	0.301	0.563
	Left Cheek	0.460	0.076	0.422	0.958
	Left Tilted	0.172	0.072	0.447	0.691
WCDMA II_Ant 0	Right Cheek	0.138	0.128	0.514	0.780
	Right Tilted	0.051	0.101	0.301	0.453
	Left Cheek	0.470	0.076	0.422	0.968
	Left Tilted	0.152	0.072	0.447	0.671
WCDMA IV_Ant 0	Right Cheek	0.180	0.128	0.514	0.822
	Right Tilted	0.144	0.101	0.301	0.546
	Left Cheek	0.359	0.076	0.422	0.857
	Left Tilted	0.168	0.072	0.447	0.687
WCDMA V_Ant 1	Right Cheek	0.480	0.128	0.514	1.122
	Right Tilted	0.298	0.101	0.301	0.700
	Left Cheek	0.198	0.076	0.422	0.696
	Left Tilted	0.186	0.072	0.447	0.705
LTE Band 7_Ant 0	Right Cheek	0.193	0.128	0.514	0.835
	Right Tilted	0.096	0.101	0.301	0.498
	Left Cheek	0.435	0.076	0.422	0.933
	Left Tilted	0.157	0.072	0.447	0.676
LTE Band 12_Ant 1	Right Cheek	0.684	0.128	0.514	1.326
	Right Tilted	0.559	0.101	0.301	0.961
	Left Cheek	0.296	0.076	0.422	0.794
	Left Tilted	0.290	0.072	0.447	0.809
LTE Band 13_Ant 1	Right Cheek	0.910	0.128	0.514	1.552
	Right Tilted	0.879	0.101	0.301	1.281
	Left Cheek	0.410	0.076	0.422	0.908
	Left Tilted	0.350	0.072	0.447	0.869
LTE Band 14_Ant 1	Right Cheek	0.856	0.128	0.514	1.498
	Right Tilted	0.792	0.101	0.301	1.194
	Left Cheek	0.358	0.076	0.422	0.856
	Left Tilted	0.306	0.072	0.447	0.825
LTE Band 25_Ant 0	Right Cheek	0.256	0.128	0.514	0.898
	Right Tilted	0.157	0.101	0.301	0.559
	Left Cheek	0.469	0.076	0.422	0.967
	Left Tilted	0.185	0.072	0.447	0.704
LTE Band 26_Ant 1	Right Cheek	0.888	0.128	0.514	1.530
	Right Tilted	0.843	0.101	0.301	1.245
	Left Cheek	0.437	0.076	0.422	0.935
	Left Tilted	0.377	0.072	0.447	0.896
LTE Band 30_Ant 0	Right Cheek	0.161	0.128	0.514	0.803
	Right Tilted	0.139	0.101	0.301	0.541
	Left Cheek	0.384	0.076	0.422	0.882
	Left Tilted	0.110	0.072	0.447	0.629
LTE Band 41_Ant 0	Right Cheek	0.073	0.128	0.514	0.715
	Right Tilted	0.064	0.101	0.301	0.466
	Left Cheek	0.242	0.076	0.422	0.740

	Left Tilted	0.046	0.072	0.447	0.565
LTE Band 48_Ant 2	Right Cheek	0.410	0.128	0.514	1.052
	Right Tilted	0.139	0.101	0.301	0.541
	Left Cheek	0.177	0.076	0.422	0.675
	Left Tilted	0.086	0.072	0.447	0.605
LTE Band 66_Ant 0	Right Cheek	0.241	0.128	0.514	0.883
	Right Tilted	0.201	0.101	0.301	0.603
	Left Cheek	0.467	0.076	0.422	0.965
	Left Tilted	0.191	0.072	0.447	0.710
LTE Band 71_Ant 1	Right Cheek	0.852	0.128	0.514	1.494
	Right Tilted	0.614	0.101	0.301	1.016
	Left Cheek	0.209	0.076	0.422	0.707
	Left Tilted	0.169	0.072	0.447	0.688
FR1 n5_Ant 1	Right Cheek	0.899	0.128	0.514	1.541
	Right Tilted	0.651	0.101	0.301	1.053
	Left Cheek	0.301	0.076	0.422	0.799
	Left Tilted	0.243	0.072	0.447	0.762
FR1 n7_Ant 0	Right Cheek	0.134	0.128	0.514	0.776
	Right Tilted	0.085	0.101	0.301	0.487
	Left Cheek	0.363	0.076	0.422	0.861
	Left Tilted	0.150	0.072	0.447	0.669
FR1 n12_Ant 1	Right Cheek	0.668	0.128	0.514	1.310
	Right Tilted	0.576	0.101	0.301	0.978
	Left Cheek	0.298	0.076	0.422	0.796
	Left Tilted	0.330	0.072	0.447	0.849
FR1 n25_Ant 0	Right Cheek	0.192	0.128	0.514	0.834
	Right Tilted	0.160	0.101	0.301	0.562
	Left Cheek	0.485	0.076	0.422	0.983
	Left Tilted	0.192	0.072	0.447	0.711
FR1 n30_Ant 0	Right Cheek	0.155	0.128	0.514	0.797
	Right Tilted	0.129	0.101	0.301	0.531
	Left Cheek	0.313	0.076	0.422	0.811
	Left Tilted	0.095	0.072	0.447	0.614
FR1 n41_Ant 1	Right Cheek	0.827	0.128	0.514	1.469
	Right Tilted	0.641	0.101	0.301	1.043
	Left Cheek	0.135	0.076	0.422	0.633
	Left Tilted	0.128	0.072	0.447	0.647
FR1 n66_Ant 0	Right Cheek	0.180	0.128	0.514	0.822
	Right Tilted	0.175	0.101	0.301	0.577
	Left Cheek	0.391	0.076	0.422	0.889
	Left Tilted	0.195	0.072	0.447	0.714
FR1 n71_Ant 1	Right Cheek	0.876	0.128	0.514	1.518
	Right Tilted	0.728	0.101	0.301	1.130
	Left Cheek	0.203	0.076	0.422	0.701
	Left Tilted	0.165	0.072	0.447	0.684
FR1 n77_Ant 2	Right Cheek	0.884	0.128	0.514	1.526
	Right Tilted	0.393	0.101	0.301	0.795
	Left Cheek	0.583	0.076	0.422	1.081
	Left Tilted	0.599	0.072	0.447	1.118

**<WWAN Index 3, WLAN Index 4>**

WWAN Band	Exposure Position	1	2	3	1+2+3 Summed 1g SAR (W/kg)
		WWAN	2.4GHz WLAN Ant 4+3	5/6GHz WLAN Ant 4+3	
		1g SAR (W/kg)	1g SAR (W/kg)	1g SAR (W/kg)	
GSM850_Ant 0	Right Cheek	0.251	0.128	0.514	0.893
	Right Tilted	0.163	0.101	0.301	0.565
	Left Cheek	0.403	0.076	0.422	0.901
	Left Tilted	0.251	0.072	0.447	0.770
GSM1900_Ant 2	Right Cheek	0.122	0.128	0.514	0.764
	Right Tilted	0.073	0.101	0.301	0.475
	Left Cheek	0.096	0.076	0.422	0.594
	Left Tilted	0.076	0.072	0.447	0.595
WCDMA II_Ant 2	Right Cheek	0.142	0.128	0.514	0.784
	Right Tilted	0.001	0.101	0.301	0.403
	Left Cheek	0.130	0.076	0.422	0.628
	Left Tilted	0.044	0.072	0.447	0.563
WCDMA IV_Ant 2	Right Cheek	0.280	0.128	0.514	0.922
	Right Tilted	0.001	0.101	0.301	0.403
	Left Cheek	0.137	0.076	0.422	0.635
	Left Tilted	0.001	0.072	0.447	0.520
WCDMA V_Ant 0	Right Cheek	0.229	0.128	0.514	0.871
	Right Tilted	0.064	0.101	0.301	0.466
	Left Cheek	0.321	0.076	0.422	0.819
	Left Tilted	0.122	0.072	0.447	0.641
LTE Band 7_Ant 2	Right Cheek	0.450	0.128	0.514	1.092
	Right Tilted	0.243	0.101	0.301	0.645
	Left Cheek	0.312	0.076	0.422	0.810
	Left Tilted	0.282	0.072	0.447	0.801
LTE Band 12_Ant 0	Right Cheek	0.208	0.128	0.514	0.850
	Right Tilted	0.123	0.101	0.301	0.525
	Left Cheek	0.289	0.076	0.422	0.787
	Left Tilted	0.158	0.072	0.447	0.677
LTE Band 13_Ant 0	Right Cheek	0.240	0.128	0.514	0.882
	Right Tilted	0.152	0.101	0.301	0.554
	Left Cheek	0.328	0.076	0.422	0.826
	Left Tilted	0.220	0.072	0.447	0.739
LTE Band 14_Ant 0	Right Cheek	0.254	0.128	0.514	0.896
	Right Tilted	0.154	0.101	0.301	0.556
	Left Cheek	0.344	0.076	0.422	0.842
	Left Tilted	0.211	0.072	0.447	0.730
LTE Band 25_Ant 2	Right Cheek	0.128	0.128	0.514	0.770
	Right Tilted	0.079	0.101	0.301	0.481
	Left Cheek	0.109	0.076	0.422	0.607
	Left Tilted	0.096	0.072	0.447	0.615
LTE Band 26_Ant 0	Right Cheek	0.214	0.128	0.514	0.856
	Right Tilted	0.141	0.101	0.301	0.543
	Left Cheek	0.309	0.076	0.422	0.807
	Left Tilted	0.158	0.072	0.447	0.677
LTE Band 30_Ant 2	Right Cheek	0.228	0.128	0.514	0.870
	Right Tilted	0.096	0.101	0.301	0.498
	Left Cheek	0.116	0.076	0.422	0.614
	Left Tilted	0.101	0.072	0.447	0.620
LTE Band 41_Ant 2	Right Cheek	0.272	0.128	0.514	0.914
	Right Tilted	0.090	0.101	0.301	0.492
	Left Cheek	0.165	0.076	0.422	0.663

	Left Tilted	0.124	0.072	0.447	0.643
LTE Band 48_Ant 6	Right Cheek	0.280	0.128	0.514	0.922
	Right Tilted	0.233	0.101	0.301	0.635
	Left Cheek	0.450	0.076	0.422	0.948
	Left Tilted	0.161	0.072	0.447	0.680
LTE Band 66_Ant 2	Right Cheek	0.208	0.128	0.514	0.850
	Right Tilted	0.130	0.101	0.301	0.532
	Left Cheek	0.138	0.076	0.422	0.636
	Left Tilted	0.112	0.072	0.447	0.631
LTE Band 71_Ant 0	Right Cheek	0.204	0.128	0.514	0.846
	Right Tilted	0.113	0.101	0.301	0.515
	Left Cheek	0.276	0.076	0.422	0.774
	Left Tilted	0.149	0.072	0.447	0.668
FR1 n5_Ant 0	Right Cheek	0.208	0.128	0.514	0.850
	Right Tilted	0.127	0.101	0.301	0.529
	Left Cheek	0.281	0.076	0.422	0.779
	Left Tilted	0.168	0.072	0.447	0.687
FR1 n7_Ant 2	Right Cheek	0.356	0.128	0.514	0.998
	Right Tilted	0.164	0.101	0.301	0.566
	Left Cheek	0.076	0.076	0.422	0.574
	Left Tilted	0.067	0.072	0.447	0.586
FR1 n12_Ant 0	Right Cheek	0.177	0.128	0.514	0.819
	Right Tilted	0.113	0.101	0.301	0.515
	Left Cheek	0.242	0.076	0.422	0.740
	Left Tilted	0.153	0.072	0.447	0.672
FR1 n25_Ant 2	Right Cheek	0.101	0.128	0.514	0.743
	Right Tilted	0.067	0.101	0.301	0.469
	Left Cheek	0.121	0.076	0.422	0.619
	Left Tilted	0.098	0.072	0.447	0.617
FR1 n30_Ant 2	Right Cheek	0.200	0.128	0.514	0.842
	Right Tilted	0.084	0.101	0.301	0.486
	Left Cheek	0.117	0.076	0.422	0.615
	Left Tilted	0.119	0.072	0.447	0.638
FR1 n41_Ant 5	Right Cheek	0.318	0.128	0.514	0.960
	Right Tilted	0.085	0.101	0.301	0.487
	Left Cheek	0.898	0.076	0.422	1.396
	Left Tilted	0.214	0.072	0.447	0.733
FR1 n66_Ant 2	Right Cheek	0.225	0.128	0.514	0.867
	Right Tilted	0.157	0.101	0.301	0.559
	Left Cheek	0.160	0.076	0.422	0.658
	Left Tilted	0.118	0.072	0.447	0.637
FR1 n71_Ant 0	Right Cheek	0.184	0.128	0.514	0.826
	Right Tilted	0.106	0.101	0.301	0.508
	Left Cheek	0.244	0.076	0.422	0.742
	Left Tilted	0.146	0.072	0.447	0.665
FR1 n77_Ant 6	Right Cheek	0.546	0.128	0.514	1.188
	Right Tilted	0.395	0.101	0.301	0.797
	Left Cheek	0.846	0.076	0.422	1.344
	Left Tilted	0.300	0.072	0.447	0.819



16.3 Hotspot Exposure Conditions

<WWAN Index 4, WLAN Index 8>

WWAN Band	Exposure Position	1	2	3	1+2+3 Summed 1g SAR (W/kg)
		WWAN	2.4GHz WLAN Ant 4+3	5GHz WLAN Ant 4+3	
		1g SAR (W/kg)	1g SAR (W/kg)	1g SAR (W/kg)	
GSM850_Ant 1	Front	0.363	0.123	0.225	0.711
	Back	0.818	0.182	0.374	1.374
	Left side	0.222	0.137	0.374	0.733
	Right side	0.149	0.069	0.362	0.580
	Top side	0.383	0.152	0.268	0.803
	Bottom side				0.000
GSM1900_Ant 0	Front	0.738	0.123	0.225	1.086
	Back	0.654	0.182	0.374	1.210
	Left side	0.077	0.137	0.374	0.588
	Right side	0.633	0.069	0.362	1.064
	Top side		0.152	0.268	0.420
	Bottom side	0.887			0.887
WCDMA II_Ant 0	Front	0.552	0.123	0.225	0.900
	Back	0.715	0.182	0.374	1.271
	Left side	0.665	0.137	0.374	1.176
	Right side	0.039	0.069	0.362	0.470
	Top side		0.152	0.268	0.420
	Bottom side	0.907			0.907
WCDMA IV_Ant 0	Front	0.504	0.123	0.225	0.852
	Back	0.585	0.182	0.374	1.141
	Left side	0.807	0.137	0.374	1.318
	Right side	0.094	0.069	0.362	0.525
	Top side		0.152	0.268	0.420
	Bottom side	0.400			0.400
WCDMA V_Ant 1	Front	0.243	0.123	0.225	0.591
	Back	0.377	0.182	0.374	0.933
	Left side	0.179	0.137	0.374	0.690
	Right side	0.087	0.069	0.362	0.518
	Top side	0.228	0.152	0.268	0.648
	Bottom side				0.000
LTE Band 7_Ant 0	Front	0.426	0.123	0.225	0.774
	Back	0.500	0.182	0.374	1.056
	Left side	0.787	0.137	0.374	1.298
	Right side	0.069	0.069	0.362	0.500
	Top side		0.152	0.268	0.420
	Bottom side	0.309			0.309
LTE Band 12_Ant 1	Front	0.179	0.123	0.225	0.527
	Back	0.233	0.182	0.374	0.789
	Left side	0.173	0.137	0.374	0.684
	Right side	0.055	0.069	0.362	0.486
	Top side	0.209	0.152	0.268	0.629
	Bottom side				0.000
LTE Band 13_Ant 1	Front	0.267	0.123	0.225	0.615
	Back	0.332	0.182	0.374	0.888
	Left side	0.358	0.137	0.374	0.869
	Right side	0.143	0.069	0.362	0.574
	Top side	0.222	0.152	0.268	0.642
	Bottom side				0.000
LTE Band 14_Ant 1	Front	0.311	0.123	0.225	0.659



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	Back	0.406	0.182	0.374	0.962
	Left side	0.379	0.137	0.374	0.890
	Right side	0.164	0.069	0.362	0.595
	Top side	0.246	0.152	0.268	0.666
	Bottom side				0.000
LTE Band 25_Ant 0	Front	0.474	0.123	0.225	0.822
	Back	0.634	0.182	0.374	1.190
	Left side	0.640	0.137	0.374	1.151
	Right side	0.028	0.069	0.362	0.459
	Top side		0.152	0.268	0.420
	Bottom side	0.904			0.904
LTE Band 26_Ant 1	Front	0.314	0.123	0.225	0.662
	Back	0.454	0.182	0.374	1.010
	Left side	0.226	0.137	0.374	0.737
	Right side	0.144	0.069	0.362	0.575
	Top side	0.303	0.152	0.268	0.723
	Bottom side				0.000
LTE Band 30_Ant 0	Front	0.430	0.123	0.225	0.778
	Back	0.506	0.182	0.374	1.062
	Left side	0.889	0.137	0.374	1.400
	Right side	0.048	0.069	0.362	0.479
	Top side		0.152	0.268	0.420
	Bottom side	0.287			0.287
LTE Band 41_Ant 0	Front	0.230	0.123	0.225	0.578
	Back	0.327	0.182	0.374	0.883
	Left side	0.600	0.137	0.374	1.111
	Right side	0.056	0.069	0.362	0.487
	Top side		0.152	0.268	0.420
	Bottom side	0.244			0.244
LTE Band 48_Ant 2	Front	0.410	0.123	0.225	0.758
	Back	0.418	0.182	0.374	0.974
	Left side	0.049	0.137	0.374	0.560
	Right side	0.905	0.069	0.362	1.336
	Top side		0.152	0.268	0.420
	Bottom side	0.178			0.178
LTE Band 66_Ant 0	Front	0.367	0.123	0.225	0.715
	Back	0.529	0.182	0.374	1.085
	Left side	0.755	0.137	0.374	1.266
	Right side	0.082	0.069	0.362	0.513
	Top side		0.152	0.268	0.420
	Bottom side	0.256			0.256
LTE Band 71_Ant 1	Front	0.173	0.123	0.225	0.521
	Back	0.198	0.182	0.374	0.754
	Left side	0.200	0.137	0.374	0.711
	Right side	0.068	0.069	0.362	0.499
	Top side	0.092	0.152	0.268	0.512
	Bottom side				0.000
FR1 n5_Ant 1	Front	0.180	0.123	0.225	0.528
	Back	0.233	0.182	0.374	0.789
	Left side	0.100	0.137	0.374	0.611
	Right side	0.065	0.069	0.362	0.496
	Top side	0.190	0.152	0.268	0.610
	Bottom side				0.000
FR1 n7_Ant 0	Front	0.407	0.123	0.225	0.755
	Back	0.266	0.182	0.374	0.822
	Left side	0.653	0.137	0.374	1.164

	Right side	0.068	0.069	0.362	0.499
	Top side		0.152	0.268	0.420
	Bottom side	0.168			0.168
FR1 n12_Ant 1	Front	0.141	0.123	0.225	0.489
	Back	0.183	0.182	0.374	0.739
	Left side	0.140	0.137	0.374	0.651
	Right side	0.055	0.069	0.362	0.486
	Top side	0.148	0.152	0.268	0.568
	Bottom side				0.000
FR1 n25_Ant 0	Front	0.533	0.123	0.225	0.881
	Back	0.628	0.182	0.374	1.184
	Left side	0.624	0.137	0.374	1.135
	Right side	0.026	0.069	0.362	0.457
	Top side		0.152	0.268	0.420
	Bottom side	0.838			0.838
FR1 n30_Ant 0	Front	0.403	0.123	0.225	0.751
	Back	0.456	0.182	0.374	1.012
	Left side	0.756	0.137	0.374	1.267
	Right side	0.051	0.069	0.362	0.482
	Top side		0.152	0.268	0.420
	Bottom side	0.248			0.248
FR1 n41_Ant 1	Front	0.581	0.123	0.225	0.929
	Back	0.630	0.182	0.374	1.186
	Left side	0.894	0.137	0.374	1.405
	Right side	0.011	0.069	0.362	0.442
	Top side	0.363	0.152	0.268	0.783
	Bottom side				0.000
FR1 n66_Ant 0	Front	0.429	0.123	0.225	0.777
	Back	0.553	0.182	0.374	1.109
	Left side	0.798	0.137	0.374	1.309
	Right side	0.106	0.069	0.362	0.537
	Top side		0.152	0.268	0.420
	Bottom side	0.390			0.390
FR1 n71_Ant 1	Front	0.185	0.123	0.225	0.533
	Back	0.230	0.182	0.374	0.786
	Left side	0.264	0.137	0.374	0.775
	Right side	0.108	0.069	0.362	0.539
	Top side	0.175	0.152	0.268	0.595
	Bottom side				0.000
FR1 n77_Ant 2	Front	0.519	0.123	0.225	0.867
	Back	0.366	0.182	0.374	0.922
	Left side	0.073	0.137	0.374	0.584
	Right side	0.843	0.069	0.362	1.274
	Top side		0.152	0.268	0.420
	Bottom side	0.209			0.209



<WWAN Index 4, WLAN Index 8>

WWAN Band	Exposure Position	1	2	3	1+2+3 Summed 1g SAR (W/kg)
		WWAN 1g SAR (W/kg)	2.4GHz WLAN Ant 4+3 1g SAR (W/kg)	5GHz WLAN Ant 4+3 1g SAR (W/kg)	
GSM850_Ant 0	Front	0.550	0.123	0.225	0.898
	Back	0.429	0.182	0.374	0.985
	Left side	0.770	0.137	0.374	1.281
	Right side	0.376	0.069	0.362	0.807
	Top side		0.152	0.268	0.420
	Bottom side	0.604			0.604
GSM1900_Ant 2	Front	0.661	0.123	0.225	1.009
	Back	0.729	0.182	0.374	1.285
	Left side	0.081	0.137	0.374	0.592
	Right side	0.549	0.069	0.362	0.980
	Top side		0.152	0.268	0.420
	Bottom side	0.904			0.904
WCDMA II_Ant 2	Front	0.758	0.123	0.225	1.106
	Back	0.682	0.182	0.374	1.238
	Left side	0.079	0.137	0.374	0.590
	Right side	0.458	0.069	0.362	0.889
	Top side		0.152	0.268	0.420
	Bottom side	0.903			0.903
WCDMA IV_Ant 2	Front	0.739	0.123	0.225	1.087
	Back	0.667	0.182	0.374	1.223
	Left side	0.294	0.137	0.374	0.805
	Right side	0.555	0.069	0.362	0.986
	Top side		0.152	0.268	0.420
	Bottom side	0.894			0.894
WCDMA V_Ant 0	Front	0.281	0.123	0.225	0.629
	Back	0.190	0.182	0.374	0.746
	Left side	0.298	0.137	0.374	0.809
	Right side	0.138	0.069	0.362	0.569
	Top side		0.152	0.268	0.420
	Bottom side	0.111			0.111
LTE Band 7_Ant 2	Front	0.577	0.123	0.225	0.925
	Back	0.587	0.182	0.374	1.143
	Left side	0.038	0.137	0.374	0.549
	Right side	0.421	0.069	0.362	0.852
	Top side		0.152	0.268	0.420
	Bottom side	0.866			0.866
LTE Band 12_Ant 0	Front	0.294	0.123	0.225	0.642
	Back	0.312	0.182	0.374	0.868
	Left side	0.506	0.137	0.374	1.017
	Right side	0.309	0.069	0.362	0.740
	Top side		0.152	0.268	0.420
	Bottom side	0.111			0.111
LTE Band 13_Ant 0	Front	0.386	0.123	0.225	0.734
	Back	0.382	0.182	0.374	0.938
	Left side	0.458	0.137	0.374	0.969
	Right side	0.318	0.069	0.362	0.749
	Top side		0.152	0.268	0.420
	Bottom side	0.137			0.137
LTE Band 14_Ant 0	Front	0.385	0.123	0.225	0.733
	Back	0.367	0.182	0.374	0.923
	Left side	0.446	0.137	0.374	0.957



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	Right side	0.303	0.069	0.362	0.734
	Top side		0.152	0.268	0.420
	Bottom side	0.152			0.152
LTE Band 25_Ant 2	Front	0.599	0.123	0.225	0.947
	Back	0.593	0.182	0.374	1.149
	Left side	0.065	0.137	0.374	0.576
	Right side	0.356	0.069	0.362	0.787
	Top side		0.152	0.268	0.420
	Bottom side	0.894			0.894
LTE Band 26_Ant 0	Front	0.311	0.123	0.225	0.659
	Back	0.329	0.182	0.374	0.885
	Left side	0.473	0.137	0.374	0.984
	Right side	0.231	0.069	0.362	0.662
	Top side		0.152	0.268	0.420
	Bottom side	0.270			0.270
LTE Band 30_Ant 2	Front	0.531	0.123	0.225	0.879
	Back	0.610	0.182	0.374	1.166
	Left side	0.038	0.137	0.374	0.549
	Right side	0.483	0.069	0.362	0.914
	Top side		0.152	0.268	0.420
	Bottom side	0.897			0.897
LTE Band 41_Ant 2	Front	0.718	0.123	0.225	1.066
	Back	0.761	0.182	0.374	1.317
	Left side	0.034	0.137	0.374	0.545
	Right side	0.551	0.069	0.362	0.982
	Top side		0.152	0.268	0.420
	Bottom side	0.891			0.891
LTE Band 48_Ant 6	Front	0.506	0.123	0.225	0.854
	Back	0.517	0.182	0.374	1.073
	Left side	0.891	0.137	0.374	1.402
	Right side	0.032	0.069	0.362	0.463
	Top side		0.152	0.268	0.420
	Bottom side	0.147			0.147
LTE Band 66_Ant 2	Front	0.561	0.123	0.225	0.909
	Back	0.540	0.182	0.374	1.096
	Left side	0.158	0.137	0.374	0.669
	Right side	0.433	0.069	0.362	0.864
	Top side		0.152	0.268	0.420
	Bottom side	0.910			0.910
LTE Band 71_Ant 0	Front	0.341	0.123	0.225	0.689
	Back	0.333	0.182	0.374	0.889
	Left side	0.468	0.137	0.374	0.979
	Right side	0.326	0.069	0.362	0.757
	Top side		0.152	0.268	0.420
	Bottom side	0.066			0.066
FR1 n5_Ant 0	Front	0.258	0.123	0.225	0.606
	Back	0.230	0.182	0.374	0.786
	Left side	0.425	0.137	0.374	0.936
	Right side	0.175	0.069	0.362	0.606
	Top side		0.152	0.268	0.420
	Bottom side	0.160			0.160
FR1 n7_Ant 2	Front	0.547	0.123	0.225	0.895
	Back	0.535	0.182	0.374	1.091
	Left side	0.029	0.137	0.374	0.540
	Right side	0.495	0.069	0.362	0.926
	Top side		0.152	0.268	0.420

	Bottom side	0.910			0.910
FR1 n12_Ant 0	Front	0.316	0.123	0.225	0.664
	Back	0.293	0.182	0.374	0.849
	Left side	0.404	0.137	0.374	0.915
	Right side	0.244	0.069	0.362	0.675
	Top side		0.152	0.268	0.420
	Bottom side	0.064			0.064
FR1 n25_Ant 2	Front	0.616	0.123	0.225	0.964
	Back	0.550	0.182	0.374	1.106
	Left side	0.055	0.137	0.374	0.566
	Right side	0.350	0.069	0.362	0.781
	Top side		0.152	0.268	0.420
	Bottom side	0.897			0.897
FR1 n30_Ant 2	Front	0.633	0.123	0.225	0.981
	Back	0.659	0.182	0.374	1.215
	Left side	0.025	0.137	0.374	0.536
	Right side	0.530	0.069	0.362	0.961
	Top side		0.152	0.268	0.420
	Bottom side	0.898			0.898
FR1 n41 PC2_Ant 5	Front	0.379	0.123	0.225	0.727
	Back	0.528	0.182	0.374	1.084
	Left side	0.014	0.137	0.374	0.525
	Right side	0.771	0.069	0.362	1.202
	Top side	0.101	0.152	0.268	0.521
	Bottom side				0.000
FR1 n66_Ant 2	Front	0.653	0.123	0.225	1.001
	Back	0.697	0.182	0.374	1.253
	Left side	0.206	0.137	0.374	0.717
	Right side	0.514	0.069	0.362	0.945
	Top side		0.152	0.268	0.420
	Bottom side	0.817			0.817
FR1 n71_Ant 0	Front	0.225	0.123	0.225	0.573
	Back	0.215	0.182	0.374	0.771
	Left side	0.232	0.137	0.374	0.743
	Right side	0.171	0.069	0.362	0.602
	Top side		0.152	0.268	0.420
	Bottom side	0.031			0.031
FR1 n77 PC2_Ant 6	Front	0.552	0.123	0.225	0.900
	Back	0.562	0.182	0.374	1.118
	Left side	0.788	0.137	0.374	1.299
	Right side	0.026	0.069	0.362	0.457
	Top side		0.152	0.268	0.420
	Bottom side	0.151			0.151

<WWAN Index 4, WLAN Index 7>

WWAN Band	Exposure Position	1	2	3	1+3 Summed 1g SAR (W/kg)	1+2 Summed 1g SAR (W/kg)
		WWAN 1g SAR (W/kg)	2.4GHz WLAN Ant 4+3 1g SAR (W/kg)	5GHz WLAN Ant 4+3 1g SAR (W/kg)		
GSM850_Ant 1	Front	0.363	0.474	0.399	0.762	0.837
	Back	0.818	0.594	0.536	1.354	1.412
	Left side	0.222	0.228	0.667	0.889	0.450
	Right side	0.149	0.176	0.602	0.751	0.325
	Top side	0.383	0.493	0.462	0.845	0.876
	Bottom side				0.000	0.000
GSM1900_Ant 0	Front	0.738	0.474	0.399	1.137	1.212
	Back	0.654	0.594	0.536	1.190	1.248
	Left side	0.077	0.228	0.667	0.744	0.305
	Right side	0.633	0.176	0.602	1.235	0.809
	Top side		0.493	0.462	0.462	0.493
	Bottom side	0.887			0.887	0.887
WCDMA II_Ant 0	Front	0.552	0.474	0.399	0.951	1.026
	Back	0.715	0.594	0.536	1.251	1.309
	Left side	0.665	0.228	0.667	1.332	0.893
	Right side	0.039	0.176	0.602	0.641	0.215
	Top side		0.493	0.462	0.462	0.493
	Bottom side	0.907			0.907	0.907
WCDMA IV_Ant 0	Front	0.504	0.474	0.399	0.903	0.978
	Back	0.585	0.594	0.536	1.121	1.179
	Left side	0.807	0.228	0.667	1.474	1.035
	Right side	0.094	0.176	0.602	0.696	0.270
	Top side		0.493	0.462	0.462	0.493
	Bottom side	0.400			0.400	0.400
WCDMA V_Ant 1	Front	0.243	0.474	0.399	0.642	0.717
	Back	0.377	0.594	0.536	0.913	0.971
	Left side	0.179	0.228	0.667	0.846	0.407
	Right side	0.087	0.176	0.602	0.689	0.263
	Top side	0.228	0.493	0.462	0.690	0.721
	Bottom side				0.000	0.000
LTE Band 7_Ant 0	Front	0.426	0.474	0.399	0.825	0.900
	Back	0.500	0.594	0.536	1.036	1.094
	Left side	0.787	0.228	0.667	1.454	1.015
	Right side	0.069	0.176	0.602	0.671	0.245
	Top side		0.493	0.462	0.462	0.493
	Bottom side	0.309			0.309	0.309
LTE Band 12_Ant 1	Front	0.179	0.474	0.399	0.578	0.653
	Back	0.233	0.594	0.536	0.769	0.827
	Left side	0.173	0.228	0.667	0.840	0.401
	Right side	0.055	0.176	0.602	0.657	0.231
	Top side	0.209	0.493	0.462	0.671	0.702
	Bottom side				0.000	0.000
LTE Band 13_Ant 1	Front	0.267	0.474	0.399	0.666	0.741
	Back	0.332	0.594	0.536	0.868	0.926
	Left side	0.358	0.228	0.667	1.025	0.586
	Right side	0.143	0.176	0.602	0.745	0.319
	Top side	0.222	0.493	0.462	0.684	0.715
	Bottom side				0.000	0.000
LTE Band 14_Ant 1	Front	0.311	0.474	0.399	0.710	0.785
	Back	0.406	0.594	0.536	0.942	1.000
	Left side	0.379	0.228	0.667	1.046	0.607



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	Right side	0.164	0.176	0.602	0.766	0.340
	Top side	0.246	0.493	0.462	0.708	0.739
	Bottom side				0.000	0.000
LTE Band 25_Ant 0	Front	0.474	0.474	0.399	0.873	0.948
	Back	0.634	0.594	0.536	1.170	1.228
	Left side	0.640	0.228	0.667	1.307	0.868
	Right side	0.028	0.176	0.602	0.630	0.204
	Top side		0.493	0.462	0.462	0.493
	Bottom side	0.904			0.904	0.904
LTE Band 26_Ant 1	Front	0.314	0.474	0.399	0.713	0.788
	Back	0.454	0.594	0.536	0.990	1.048
	Left side	0.226	0.228	0.667	0.893	0.454
	Right side	0.144	0.176	0.602	0.746	0.320
	Top side	0.303	0.493	0.462	0.765	0.796
	Bottom side				0.000	0.000
LTE Band 30_Ant 0	Front	0.430	0.474	0.399	0.829	0.904
	Back	0.506	0.594	0.536	1.042	1.100
	Left side	0.889	0.228	0.667	1.556	1.117
	Right side	0.048	0.176	0.602	0.650	0.224
	Top side		0.493	0.462	0.462	0.493
	Bottom side	0.287			0.287	0.287
LTE Band 41_Ant 0	Front	0.230	0.474	0.399	0.629	0.704
	Back	0.327	0.594	0.536	0.863	0.921
	Left side	0.600	0.228	0.667	1.267	0.828
	Right side	0.056	0.176	0.602	0.658	0.232
	Top side		0.493	0.462	0.462	0.493
	Bottom side	0.244			0.244	0.244
LTE Band 48_Ant 2	Front	0.410	0.474	0.399	0.809	0.884
	Back	0.418	0.594	0.536	0.954	1.012
	Left side	0.049	0.228	0.667	0.716	0.277
	Right side	0.905	0.176	0.602	1.507	1.081
	Top side		0.493	0.462	0.462	0.493
	Bottom side	0.178			0.178	0.178
LTE Band 66_Ant 0	Front	0.367	0.474	0.399	0.766	0.841
	Back	0.529	0.594	0.536	1.065	1.123
	Left side	0.755	0.228	0.667	1.422	0.983
	Right side	0.082	0.176	0.602	0.684	0.258
	Top side		0.493	0.462	0.462	0.493
	Bottom side	0.256			0.256	0.256
LTE Band 71_Ant 1	Front	0.173	0.474	0.399	0.572	0.647
	Back	0.198	0.594	0.536	0.734	0.792
	Left side	0.200	0.228	0.667	0.867	0.428
	Right side	0.068	0.176	0.602	0.670	0.244
	Top side	0.092	0.493	0.462	0.554	0.585
	Bottom side				0.000	0.000
FR1 n5_Ant 1	Front	0.180	0.474	0.399	0.579	0.654
	Back	0.233	0.594	0.536	0.769	0.827
	Left side	0.100	0.228	0.667	0.767	0.328
	Right side	0.065	0.176	0.602	0.667	0.241
	Top side	0.190	0.493	0.462	0.652	0.683
	Bottom side				0.000	0.000
FR1 n7_Ant 0	Front	0.407	0.474	0.399	0.806	0.881
	Back	0.266	0.594	0.536	0.802	0.860
	Left side	0.653	0.228	0.667	1.320	0.881
	Right side	0.068	0.176	0.602	0.670	0.244
	Top side		0.493	0.462	0.462	0.493

	Bottom side	0.168			0.168	0.168
FR1 n12_Ant 1	Front	0.141	0.474	0.399	0.540	0.615
	Back	0.183	0.594	0.536	0.719	0.777
	Left side	0.140	0.228	0.667	0.807	0.368
	Right side	0.055	0.176	0.602	0.657	0.231
	Top side	0.148	0.493	0.462	0.610	0.641
	Bottom side				0.000	0.000
FR1 n25_Ant 0	Front	0.533	0.474	0.399	0.932	1.007
	Back	0.628	0.594	0.536	1.164	1.222
	Left side	0.624	0.228	0.667	1.291	0.852
	Right side	0.026	0.176	0.602	0.628	0.202
	Top side		0.493	0.462	0.462	0.493
	Bottom side	0.838			0.838	0.838
FR1 n30_Ant 0	Front	0.403	0.474	0.399	0.802	0.877
	Back	0.456	0.594	0.536	0.992	1.050
	Left side	0.756	0.228	0.667	1.423	0.984
	Right side	0.051	0.176	0.602	0.653	0.227
	Top side		0.493	0.462	0.462	0.493
	Bottom side	0.248			0.248	0.248
FR1 n41_Ant 1	Front	0.581	0.474	0.399	0.980	1.055
	Back	0.630	0.594	0.536	1.166	1.224
	Left side	0.894	0.228	0.667	1.561	1.122
	Right side	0.011	0.176	0.602	0.613	0.187
	Top side	0.363	0.493	0.462	0.825	0.856
	Bottom side				0.000	0.000
FR1 n66_Ant 0	Front	0.429	0.474	0.399	0.828	0.903
	Back	0.553	0.594	0.536	1.089	1.147
	Left side	0.798	0.228	0.667	1.465	1.026
	Right side	0.106	0.176	0.602	0.708	0.282
	Top side		0.493	0.462	0.462	0.493
	Bottom side	0.390			0.390	0.390
FR1 n71_Ant 1	Front	0.185	0.474	0.399	0.584	0.659
	Back	0.230	0.594	0.536	0.766	0.824
	Left side	0.264	0.228	0.667	0.931	0.492
	Right side	0.108	0.176	0.602	0.710	0.284
	Top side	0.175	0.493	0.462	0.637	0.668
	Bottom side				0.000	0.000
FR1 n77_Ant 2	Front	0.519	0.474	0.399	0.918	0.993
	Back	0.366	0.594	0.536	0.902	0.960
	Left side	0.073	0.228	0.667	0.740	0.301
	Right side	0.843	0.176	0.602	1.445	1.019
	Top side		0.493	0.462	0.462	0.493
	Bottom side	0.209			0.209	0.209

<WWAN Index 4, WLAN Index 7>

WWAN Band	Exposure Position	1	2	3	1+3 Summed 1g SAR (W/kg)	1+2 Summed 1g SAR (W/kg)
		WWAN 1g SAR (W/kg)	2.4GHz WLAN Ant 4+3 1g SAR (W/kg)	5GHz WLAN Ant 4+3 1g SAR (W/kg)		
GSM850_Ant 0	Front	0.550	0.474	0.399	0.949	1.024
	Back	0.429	0.594	0.536	0.965	1.023
	Left side	0.770	0.228	0.667	1.437	0.998
	Right side	0.376	0.176	0.602	0.978	0.552
	Top side		0.493	0.462	0.462	0.493
	Bottom side	0.604			0.604	0.604
GSM1900_Ant 2	Front	0.661	0.474	0.399	1.060	1.135
	Back	0.729	0.594	0.536	1.265	1.323
	Left side	0.081	0.228	0.667	0.748	0.309
	Right side	0.549	0.176	0.602	1.151	0.725
	Top side		0.493	0.462	0.462	0.493
	Bottom side	0.904			0.904	0.904
WCDMA II_Ant 2	Front	0.758	0.474	0.399	1.157	1.232
	Back	0.682	0.594	0.536	1.218	1.276
	Left side	0.079	0.228	0.667	0.746	0.307
	Right side	0.458	0.176	0.602	1.060	0.634
	Top side		0.493	0.462	0.462	0.493
	Bottom side	0.903			0.903	0.903
WCDMA IV_Ant 2	Front	0.739	0.474	0.399	1.138	1.213
	Back	0.667	0.594	0.536	1.203	1.261
	Left side	0.294	0.228	0.667	0.961	0.522
	Right side	0.555	0.176	0.602	1.157	0.731
	Top side		0.493	0.462	0.462	0.493
	Bottom side	0.894			0.894	0.894
WCDMA V_Ant 0	Front	0.281	0.474	0.399	0.680	0.755
	Back	0.190	0.594	0.536	0.726	0.784
	Left side	0.298	0.228	0.667	0.965	0.526
	Right side	0.138	0.176	0.602	0.740	0.314
	Top side		0.493	0.462	0.462	0.493
	Bottom side	0.111			0.111	0.111
LTE Band 7_Ant 2	Front	0.577	0.474	0.399	0.976	1.051
	Back	0.587	0.594	0.536	1.123	1.181
	Left side	0.038	0.228	0.667	0.705	0.266
	Right side	0.421	0.176	0.602	1.023	0.597
	Top side		0.493	0.462	0.462	0.493
	Bottom side	0.866			0.866	0.866
LTE Band 12_Ant 0	Front	0.294	0.474	0.399	0.693	0.768
	Back	0.312	0.594	0.536	0.848	0.906
	Left side	0.506	0.228	0.667	1.173	0.734
	Right side	0.309	0.176	0.602	0.911	0.485
	Top side		0.493	0.462	0.462	0.493
	Bottom side	0.111			0.111	0.111
LTE Band 13_Ant 0	Front	0.386	0.474	0.399	0.785	0.860
	Back	0.382	0.594	0.536	0.918	0.976
	Left side	0.458	0.228	0.667	1.125	0.686
	Right side	0.318	0.176	0.602	0.920	0.494
	Top side		0.493	0.462	0.462	0.493
	Bottom side	0.137			0.137	0.137
LTE Band 14_Ant 0	Front	0.385	0.474	0.399	0.784	0.859
	Back	0.367	0.594	0.536	0.903	0.961
	Left side	0.446	0.228	0.667	1.113	0.674



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	Right side	0.303	0.176	0.602	0.905	0.479
	Top side		0.493	0.462	0.462	0.493
	Bottom side	0.152			0.152	0.152
LTE Band 25_Ant 2	Front	0.599	0.474	0.399	0.998	1.073
	Back	0.593	0.594	0.536	1.129	1.187
	Left side	0.065	0.228	0.667	0.732	0.293
	Right side	0.356	0.176	0.602	0.958	0.532
	Top side		0.493	0.462	0.462	0.493
	Bottom side	0.894			0.894	0.894
LTE Band 26_Ant 0	Front	0.311	0.474	0.399	0.710	0.785
	Back	0.329	0.594	0.536	0.865	0.923
	Left side	0.473	0.228	0.667	1.140	0.701
	Right side	0.231	0.176	0.602	0.833	0.407
	Top side		0.493	0.462	0.462	0.493
	Bottom side	0.270			0.270	0.270
LTE Band 30_Ant 2	Front	0.531	0.474	0.399	0.930	1.005
	Back	0.610	0.594	0.536	1.146	1.204
	Left side	0.038	0.228	0.667	0.705	0.266
	Right side	0.483	0.176	0.602	1.085	0.659
	Top side		0.493	0.462	0.462	0.493
	Bottom side	0.897			0.897	0.897
LTE Band 41_Ant 2	Front	0.718	0.474	0.399	1.117	1.192
	Back	0.761	0.594	0.536	1.297	1.355
	Left side	0.034	0.228	0.667	0.701	0.262
	Right side	0.551	0.176	0.602	1.153	0.727
	Top side		0.493	0.462	0.462	0.493
	Bottom side	0.891			0.891	0.891
LTE Band 48_Ant 6	Front	0.506	0.474	0.399	0.905	0.980
	Back	0.517	0.594	0.536	1.053	1.111
	Left side	0.891	0.228	0.667	1.558	1.119
	Right side	0.032	0.176	0.602	0.634	0.208
	Top side		0.493	0.462	0.462	0.493
	Bottom side	0.147			0.147	0.147
LTE Band 66_Ant 2	Front	0.561	0.474	0.399	0.960	1.035
	Back	0.540	0.594	0.536	1.076	1.134
	Left side	0.158	0.228	0.667	0.825	0.386
	Right side	0.433	0.176	0.602	1.035	0.609
	Top side		0.493	0.462	0.462	0.493
	Bottom side	0.910			0.910	0.910
LTE Band 71_Ant 0	Front	0.341	0.474	0.399	0.740	0.815
	Back	0.333	0.594	0.536	0.869	0.927
	Left side	0.468	0.228	0.667	1.135	0.696
	Right side	0.326	0.176	0.602	0.928	0.502
	Top side		0.493	0.462	0.462	0.493
	Bottom side	0.066			0.066	0.066
FR1 n5_Ant 0	Front	0.258	0.474	0.399	0.657	0.732
	Back	0.230	0.594	0.536	0.766	0.824
	Left side	0.425	0.228	0.667	1.092	0.653
	Right side	0.175	0.176	0.602	0.777	0.351
	Top side		0.493	0.462	0.462	0.493
	Bottom side	0.160			0.160	0.160
FR1 n7_Ant 2	Front	0.547	0.474	0.399	0.946	1.021
	Back	0.535	0.594	0.536	1.071	1.129
	Left side	0.029	0.228	0.667	0.696	0.257
	Right side	0.495	0.176	0.602	1.097	0.671
	Top side		0.493	0.462	0.462	0.493

	Bottom side	0.910			0.910	0.910
FR1 n12_Ant 0	Front	0.316	0.474	0.399	0.715	0.790
	Back	0.293	0.594	0.536	0.829	0.887
	Left side	0.404	0.228	0.667	1.071	0.632
	Right side	0.244	0.176	0.602	0.846	0.420
	Top side		0.493	0.462	0.462	0.493
	Bottom side	0.064			0.064	0.064
FR1 n25_Ant 2	Front	0.616	0.474	0.399	1.015	1.090
	Back	0.550	0.594	0.536	1.086	1.144
	Left side	0.055	0.228	0.667	0.722	0.283
	Right side	0.350	0.176	0.602	0.952	0.526
	Top side		0.493	0.462	0.462	0.493
	Bottom side	0.897			0.897	0.897
FR1 n30_Ant 2	Front	0.633	0.474	0.399	1.032	1.107
	Back	0.659	0.594	0.536	1.195	1.253
	Left side	0.025	0.228	0.667	0.692	0.253
	Right side	0.530	0.176	0.602	1.132	0.706
	Top side		0.493	0.462	0.462	0.493
	Bottom side	0.898			0.898	0.898
FR1 n41 PC2_Ant 5	Front	0.379	0.474	0.399	0.778	0.853
	Back	0.528	0.594	0.536	1.064	1.122
	Left side	0.014	0.228	0.667	0.681	0.242
	Right side	0.771	0.176	0.602	1.373	0.947
	Top side	0.101	0.493	0.462	0.563	0.594
	Bottom side				0.000	0.000
FR1 n66_Ant 2	Front	0.653	0.474	0.399	1.052	1.127
	Back	0.697	0.594	0.536	1.233	1.291
	Left side	0.206	0.228	0.667	0.873	0.434
	Right side	0.514	0.176	0.602	1.116	0.690
	Top side		0.493	0.462	0.462	0.493
	Bottom side	0.817			0.817	0.817
FR1 n71_Ant 0	Front	0.225	0.474	0.399	0.624	0.699
	Back	0.215	0.594	0.536	0.751	0.809
	Left side	0.232	0.228	0.667	0.899	0.460
	Right side	0.171	0.176	0.602	0.773	0.347
	Top side		0.493	0.462	0.462	0.493
	Bottom side	0.031			0.031	0.031
FR1 n77 PC2_Ant 6	Front	0.552	0.474	0.399	0.951	1.026
	Back	0.562	0.594	0.536	1.098	1.156
	Left side	0.788	0.228	0.667	1.455	1.016
	Right side	0.026	0.176	0.602	0.628	0.202
	Top side		0.493	0.462	0.462	0.493
	Bottom side	0.151			0.151	0.151



<WWAN Index 4, WLAN Index 9, BT Index 4>

WWAN Band	Exposure Position	1	3	4	5	6	1+3+4	1+3+5	1+3+6	1+3	1+4	1+5	1+6
		WWAN 1g SAR (W/kg)	5GHz WLAN Ant 4+3 1g SAR (W/kg)	Bluetooth Ant 4 1g SAR (W/kg)	Bluetooth Ant 3 1g SAR (W/kg)	Bluetooth Ant 4+3 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)
GSM850_Ant 1	Front	0.363	0.289	0.091	0.141	0.152	0.743	0.793	0.804	0.652	0.454	0.504	0.515
	Back	0.818	0.431	0.113	0.149	0.203	1.362	1.398	1.452	1.249	0.931	0.967	1.021
	Left side	0.222	0.374	0.017	0.124	0.104	0.613	0.720	0.700	0.596	0.239	0.346	0.326
	Right side	0.149	0.362	0.078	0.009	0.092	0.589	0.520	0.603	0.511	0.227	0.158	0.241
	Top side	0.383	0.268	0.117	0.174	0.129	0.768	0.825	0.780	0.651	0.500	0.557	0.512
	Bottom side						0.000	0.000	0.000	0.000	0.000	0.000	0.000
GSM1900_Ant 0	Front	0.738	0.289	0.091	0.141	0.152	1.118	1.168	1.179	1.027	0.829	0.879	0.890
	Back	0.654	0.431	0.113	0.149	0.203	1.198	1.234	1.288	1.085	0.767	0.803	0.857
	Left side	0.077	0.374	0.017	0.124	0.104	0.468	0.575	0.555	0.451	0.094	0.201	0.181
	Right side	0.633	0.362	0.078	0.009	0.092	1.073	1.004	1.087	0.995	0.711	0.642	0.725
	Top side		0.268	0.117	0.174	0.129	0.385	0.442	0.397	0.268	0.117	0.174	0.129
	Bottom side	0.887					0.887	0.887	0.887	0.887	0.887	0.887	0.887
WCDMA II_Ant 0	Front	0.552	0.289	0.091	0.141	0.152	0.932	0.982	0.993	0.841	0.643	0.693	0.704
	Back	0.715	0.431	0.113	0.149	0.203	1.259	1.295	1.349	1.146	0.828	0.864	0.918
	Left side	0.665	0.374	0.017	0.124	0.104	1.056	1.163	1.143	1.039	0.682	0.789	0.769
	Right side	0.039	0.362	0.078	0.009	0.092	0.479	0.410	0.493	0.401	0.117	0.048	0.131
	Top side		0.268	0.117	0.174	0.129	0.385	0.442	0.397	0.268	0.117	0.174	0.129
	Bottom side	0.907					0.907	0.907	0.907	0.907	0.907	0.907	0.907
WCDMA IV_Ant 0	Front	0.504	0.289	0.091	0.141	0.152	0.884	0.934	0.945	0.793	0.595	0.645	0.656
	Back	0.585	0.431	0.113	0.149	0.203	1.129	1.165	1.219	1.016	0.698	0.734	0.788
	Left side	0.807	0.374	0.017	0.124	0.104	1.198	1.305	1.285	1.181	0.824	0.931	0.911
	Right side	0.094	0.362	0.078	0.009	0.092	0.534	0.465	0.548	0.456	0.172	0.103	0.186
	Top side		0.268	0.117	0.174	0.129	0.385	0.442	0.397	0.268	0.117	0.174	0.129
	Bottom side	0.400					0.400	0.400	0.400	0.400	0.400	0.400	0.400
WCDMA V_Ant 1	Front	0.243	0.289	0.091	0.141	0.152	0.623	0.673	0.684	0.532	0.334	0.384	0.395
	Back	0.377	0.431	0.113	0.149	0.203	0.921	0.957	1.011	0.808	0.490	0.526	0.580
	Left side	0.179	0.374	0.017	0.124	0.104	0.570	0.677	0.657	0.553	0.196	0.303	0.283
	Right side	0.087	0.362	0.078	0.009	0.092	0.527	0.458	0.541	0.449	0.165	0.096	0.179
	Top side	0.228	0.268	0.117	0.174	0.129	0.613	0.670	0.625	0.496	0.345	0.402	0.357
	Bottom side						0.000	0.000	0.000	0.000	0.000	0.000	0.000
LTE Band 7_Ant 0	Front	0.426	0.289	0.091	0.141	0.152	0.806	0.856	0.867	0.715	0.517	0.567	0.578
	Back	0.500	0.431	0.113	0.149	0.203	1.044	1.080	1.134	0.931	0.613	0.649	0.703
	Left side	0.787	0.374	0.017	0.124	0.104	1.178	1.285	1.265	1.161	0.804	0.911	0.891
	Right side	0.069	0.362	0.078	0.009	0.092	0.509	0.440	0.523	0.431	0.147	0.078	0.161
	Top side		0.268	0.117	0.174	0.129	0.385	0.442	0.397	0.268	0.117	0.174	0.129
	Bottom side	0.309					0.309	0.309	0.309	0.309	0.309	0.309	0.309
LTE Band 12_Ant 1	Front	0.179	0.289	0.091	0.141	0.152	0.559	0.609	0.620	0.468	0.270	0.320	0.331
	Back	0.233	0.431	0.113	0.149	0.203	0.777	0.813	0.867	0.664	0.346	0.382	0.436
	Left side	0.173	0.374	0.017	0.124	0.104	0.564	0.671	0.651	0.547	0.190	0.297	0.277
	Right side	0.055	0.362	0.078	0.009	0.092	0.495	0.426	0.509	0.417	0.133	0.064	0.147
	Top side	0.209	0.268	0.117	0.174	0.129	0.594	0.651	0.606	0.477	0.326	0.383	0.338
	Bottom side						0.000	0.000	0.000	0.000	0.000	0.000	0.000
LTE Band 13_Ant 1	Front	0.267	0.289	0.091	0.141	0.152	0.647	0.697	0.708	0.556	0.358	0.408	0.419
	Back	0.332	0.431	0.113	0.149	0.203	0.876	0.912	0.966	0.763	0.445	0.481	0.535
	Left side	0.358	0.374	0.017	0.124	0.104	0.749	0.856	0.836	0.732	0.375	0.482	0.462
	Right side	0.143	0.362	0.078	0.009	0.092	0.583	0.514	0.597	0.505	0.221	0.152	0.235
	Top side	0.222	0.268	0.117	0.174	0.129	0.607	0.664	0.619	0.490	0.339	0.396	0.351
	Bottom side						0.000	0.000	0.000	0.000	0.000	0.000	0.000
LTE Band 14_Ant 1	Front	0.311	0.289	0.091	0.141	0.152	0.691	0.741	0.752	0.600	0.402	0.452	0.463
	Back	0.406	0.431	0.113	0.149	0.203	0.950	0.986	1.040	0.837	0.519	0.555	0.609
	Left side	0.379	0.374	0.017	0.124	0.104	0.770	0.877	0.857	0.753	0.396	0.503	0.483



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	Right side	0.164	0.362	0.078	0.009	0.092	0.604	0.535	0.618	0.526	0.242	0.173	0.256
	Top side	0.246	0.268	0.117	0.174	0.129	0.631	0.688	0.643	0.514	0.363	0.420	0.375
	Bottom side						0.000	0.000	0.000	0.000	0.000	0.000	0.000
LTE Band 25_Ant 0	Front	0.474	0.289	0.091	0.141	0.152	0.854	0.904	0.915	0.763	0.565	0.615	0.626
	Back	0.634	0.431	0.113	0.149	0.203	1.178	1.214	1.268	1.065	0.747	0.783	0.837
	Left side	0.640	0.374	0.017	0.124	0.104	1.031	1.138	1.118	1.014	0.657	0.764	0.744
	Right side	0.028	0.362	0.078	0.009	0.092	0.468	0.399	0.482	0.390	0.106	0.037	0.120
	Top side		0.268	0.117	0.174	0.129	0.385	0.442	0.397	0.268	0.117	0.174	0.129
	Bottom side	0.904					0.904	0.904	0.904	0.904	0.904	0.904	0.904
LTE Band 26_Ant 1	Front	0.314	0.289	0.091	0.141	0.152	0.694	0.744	0.755	0.603	0.405	0.455	0.466
	Back	0.454	0.431	0.113	0.149	0.203	0.998	1.034	1.088	0.885	0.567	0.603	0.657
	Left side	0.226	0.374	0.017	0.124	0.104	0.617	0.724	0.704	0.600	0.243	0.350	0.330
	Right side	0.144	0.362	0.078	0.009	0.092	0.584	0.515	0.598	0.506	0.222	0.153	0.236
	Top side	0.303	0.268	0.117	0.174	0.129	0.688	0.745	0.700	0.571	0.420	0.477	0.432
	Bottom side						0.000	0.000	0.000	0.000	0.000	0.000	0.000
LTE Band 30_Ant 0	Front	0.430	0.289	0.091	0.141	0.152	0.810	0.860	0.871	0.719	0.521	0.571	0.582
	Back	0.506	0.431	0.113	0.149	0.203	1.050	1.086	1.140	0.937	0.619	0.655	0.709
	Left side	0.889	0.374	0.017	0.124	0.104	1.280	1.387	1.367	1.263	0.906	1.013	0.993
	Right side	0.048	0.362	0.078	0.009	0.092	0.488	0.419	0.502	0.410	0.126	0.057	0.140
	Top side		0.268	0.117	0.174	0.129	0.385	0.442	0.397	0.268	0.117	0.174	0.129
	Bottom side	0.287					0.287	0.287	0.287	0.287	0.287	0.287	0.287
LTE Band 41_Ant 0	Front	0.230	0.289	0.091	0.141	0.152	0.610	0.660	0.671	0.519	0.321	0.371	0.382
	Back	0.327	0.431	0.113	0.149	0.203	0.871	0.907	0.961	0.758	0.440	0.476	0.530
	Left side	0.600	0.374	0.017	0.124	0.104	0.991	1.098	1.078	0.974	0.617	0.724	0.704
	Right side	0.056	0.362	0.078	0.009	0.092	0.496	0.427	0.510	0.418	0.134	0.065	0.148
	Top side		0.268	0.117	0.174	0.129	0.385	0.442	0.397	0.268	0.117	0.174	0.129
	Bottom side	0.244					0.244	0.244	0.244	0.244	0.244	0.244	0.244
LTE Band 48_Ant 2	Front	0.410	0.289	0.091	0.141	0.152	0.790	0.840	0.851	0.699	0.501	0.551	0.562
	Back	0.418	0.431	0.113	0.149	0.203	0.962	0.998	1.052	0.849	0.531	0.567	0.621
	Left side	0.049	0.374	0.017	0.124	0.104	0.440	0.547	0.527	0.423	0.066	0.173	0.153
	Right side	0.905	0.362	0.078	0.009	0.092	1.345	1.276	1.359	1.267	0.983	0.914	0.997
	Top side		0.268	0.117	0.174	0.129	0.385	0.442	0.397	0.268	0.117	0.174	0.129
	Bottom side	0.178					0.178	0.178	0.178	0.178	0.178	0.178	0.178
LTE Band 66_Ant 0	Front	0.367	0.289	0.091	0.141	0.152	0.747	0.797	0.808	0.656	0.458	0.508	0.519
	Back	0.529	0.431	0.113	0.149	0.203	1.073	1.109	1.163	0.960	0.642	0.678	0.732
	Left side	0.755	0.374	0.017	0.124	0.104	1.146	1.253	1.233	1.129	0.772	0.879	0.859
	Right side	0.082	0.362	0.078	0.009	0.092	0.522	0.453	0.536	0.444	0.160	0.091	0.174
	Top side		0.268	0.117	0.174	0.129	0.385	0.442	0.397	0.268	0.117	0.174	0.129
	Bottom side	0.256					0.256	0.256	0.256	0.256	0.256	0.256	0.256
LTE Band 71_Ant 1	Front	0.173	0.289	0.091	0.141	0.152	0.553	0.603	0.614	0.462	0.264	0.314	0.325
	Back	0.198	0.431	0.113	0.149	0.203	0.742	0.778	0.832	0.629	0.311	0.347	0.401
	Left side	0.200	0.374	0.017	0.124	0.104	0.591	0.698	0.678	0.574	0.217	0.324	0.304
	Right side	0.068	0.362	0.078	0.009	0.092	0.508	0.439	0.522	0.430	0.146	0.077	0.160
	Top side	0.092	0.268	0.117	0.174	0.129	0.477	0.534	0.489	0.360	0.209	0.266	0.221
	Bottom side						0.000	0.000	0.000	0.000	0.000	0.000	0.000
FR1 n5_Ant 1	Front	0.180	0.289	0.091	0.141	0.152	0.560	0.610	0.621	0.469	0.271	0.321	0.332
	Back	0.233	0.431	0.113	0.149	0.203	0.777	0.813	0.867	0.664	0.346	0.382	0.436
	Left side	0.100	0.374	0.017	0.124	0.104	0.491	0.598	0.578	0.474	0.117	0.224	0.204
	Right side	0.065	0.362	0.078	0.009	0.092	0.505	0.436	0.519	0.427	0.143	0.074	0.157
	Top side	0.190	0.268	0.117	0.174	0.129	0.575	0.632	0.587	0.458	0.307	0.364	0.319
	Bottom side						0.000	0.000	0.000	0.000	0.000	0.000	0.000
FR1 n7_Ant 0	Front	0.407	0.289	0.091	0.141	0.152	0.787	0.837	0.848	0.696	0.498	0.548	0.559
	Back	0.266	0.431	0.113	0.149	0.203	0.810	0.846	0.900	0.697	0.379	0.415	0.469
	Left side	0.653	0.374	0.017	0.124	0.104	1.044	1.151	1.131	1.027	0.670	0.777	0.757
	Right side	0.068	0.362	0.078	0.009	0.092	0.508	0.439	0.522	0.430	0.146	0.077	0.160
	Top side		0.268	0.117	0.174	0.129	0.385	0.442	0.397	0.268	0.117	0.174	0.129



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	Bottom side	0.168					0.168	0.168	0.168	0.168	0.168	0.168	0.168
FR1 n12_Ant 1	Front	0.141	0.289	0.091	0.141	0.152	0.521	0.571	0.582	0.430	0.232	0.282	0.293
	Back	0.183	0.431	0.113	0.149	0.203	0.727	0.763	0.817	0.614	0.296	0.332	0.386
	Left side	0.140	0.374	0.017	0.124	0.104	0.531	0.638	0.618	0.514	0.157	0.264	0.244
	Right side	0.055	0.362	0.078	0.009	0.092	0.495	0.426	0.509	0.417	0.133	0.064	0.147
	Top side	0.148	0.268	0.117	0.174	0.129	0.533	0.590	0.545	0.416	0.265	0.322	0.277
	Bottom side						0.000	0.000	0.000	0.000	0.000	0.000	0.000
FR1 n25_Ant 0	Front	0.533	0.289	0.091	0.141	0.152	0.913	0.963	0.974	0.822	0.624	0.674	0.685
	Back	0.628	0.431	0.113	0.149	0.203	1.172	1.208	1.262	1.059	0.741	0.777	0.831
	Left side	0.624	0.374	0.017	0.124	0.104	1.015	1.122	1.102	0.998	0.641	0.748	0.728
	Right side	0.026	0.362	0.078	0.009	0.092	0.466	0.397	0.480	0.388	0.104	0.035	0.118
	Top side		0.268	0.117	0.174	0.129	0.385	0.442	0.397	0.268	0.117	0.174	0.129
	Bottom side	0.838					0.838	0.838	0.838	0.838	0.838	0.838	0.838
FR1 n30_Ant 0	Front	0.403	0.289	0.091	0.141	0.152	0.783	0.833	0.844	0.692	0.494	0.544	0.555
	Back	0.456	0.431	0.113	0.149	0.203	1.000	1.036	1.090	0.887	0.569	0.605	0.659
	Left side	0.756	0.374	0.017	0.124	0.104	1.147	1.254	1.234	1.130	0.773	0.880	0.860
	Right side	0.051	0.362	0.078	0.009	0.092	0.491	0.422	0.505	0.413	0.129	0.060	0.143
	Top side		0.268	0.117	0.174	0.129	0.385	0.442	0.397	0.268	0.117	0.174	0.129
	Bottom side	0.248					0.248	0.248	0.248	0.248	0.248	0.248	0.248
FR1 n41_Ant 1	Front	0.581	0.289	0.091	0.141	0.152	0.961	1.011	1.022	0.870	0.672	0.722	0.733
	Back	0.630	0.431	0.113	0.149	0.203	1.174	1.210	1.264	1.061	0.743	0.779	0.833
	Left side	0.894	0.374	0.017	0.124	0.104	1.285	1.392	1.372	1.268	0.911	1.018	0.998
	Right side	0.011	0.362	0.078	0.009	0.092	0.451	0.382	0.465	0.373	0.089	0.020	0.103
	Top side	0.363	0.268	0.117	0.174	0.129	0.748	0.805	0.760	0.631	0.480	0.537	0.492
	Bottom side						0.000	0.000	0.000	0.000	0.000	0.000	0.000
FR1 n66_Ant 0	Front	0.429	0.289	0.091	0.141	0.152	0.809	0.859	0.870	0.718	0.520	0.570	0.581
	Back	0.553	0.431	0.113	0.149	0.203	1.097	1.133	1.187	0.984	0.666	0.702	0.756
	Left side	0.798	0.374	0.017	0.124	0.104	1.189	1.296	1.276	1.172	0.815	0.922	0.902
	Right side	0.106	0.362	0.078	0.009	0.092	0.546	0.477	0.560	0.468	0.184	0.115	0.198
	Top side		0.268	0.117	0.174	0.129	0.385	0.442	0.397	0.268	0.117	0.174	0.129
	Bottom side	0.390					0.390	0.390	0.390	0.390	0.390	0.390	0.390
FR1 n71_Ant 1	Front	0.185	0.289	0.091	0.141	0.152	0.565	0.615	0.626	0.474	0.276	0.326	0.337
	Back	0.230	0.431	0.113	0.149	0.203	0.774	0.810	0.864	0.661	0.343	0.379	0.433
	Left side	0.264	0.374	0.017	0.124	0.104	0.655	0.762	0.742	0.638	0.281	0.388	0.368
	Right side	0.108	0.362	0.078	0.009	0.092	0.548	0.479	0.562	0.470	0.186	0.117	0.200
	Top side	0.175	0.268	0.117	0.174	0.129	0.560	0.617	0.572	0.443	0.292	0.349	0.304
	Bottom side						0.000	0.000	0.000	0.000	0.000	0.000	0.000
FR1 n77_Ant 2	Front	0.519	0.289	0.091	0.141	0.152	0.899	0.949	0.960	0.808	0.610	0.660	0.671
	Back	0.366	0.431	0.113	0.149	0.203	0.910	0.946	1.000	0.797	0.479	0.515	0.569
	Left side	0.073	0.374	0.017	0.124	0.104	0.464	0.571	0.551	0.447	0.090	0.197	0.177
	Right side	0.843	0.362	0.078	0.009	0.092	1.283	1.214	1.297	1.205	0.921	0.852	0.935
	Top side		0.268	0.117	0.174	0.129	0.385	0.442	0.397	0.268	0.117	0.174	0.129
	Bottom side	0.209					0.209	0.209	0.209	0.209	0.209	0.209	0.209



<WWAN Index 4, WLAN Index 9, BT Index 4>

WWAN Band	Exposure Position	1	3	4	5	6	1+3+4	1+3+5	1+3+6	1+3	1+4	1+5	1+6
		WWAN 1g SAR (W/kg)	5GHz WLAN Ant 4+3 1g SAR (W/kg)	Bluetooth Ant 4 1g SAR (W/kg)	Bluetooth Ant 3 1g SAR (W/kg)	Bluetooth Ant 4+3 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)
GSM850_Ant 0	Front	0.550	0.289	0.091	0.141	0.152	0.930	0.980	0.991	0.839	0.641	0.691	0.702
	Back	0.429	0.431	0.113	0.149	0.203	0.973	1.009	1.063	0.860	0.542	0.578	0.632
	Left side	0.770	0.374	0.017	0.124	0.104	1.161	1.268	1.248	1.144	0.787	0.894	0.874
	Right side	0.376	0.362	0.078	0.009	0.092	0.816	0.747	0.830	0.738	0.454	0.385	0.468
	Top side		0.268	0.117	0.174	0.129	0.385	0.442	0.397	0.268	0.117	0.174	0.129
	Bottom side	0.604					0.604	0.604	0.604	0.604	0.604	0.604	0.604
GSM1900_Ant 2	Front	0.661	0.289	0.091	0.141	0.152	1.041	1.091	1.102	0.950	0.752	0.802	0.813
	Back	0.729	0.431	0.113	0.149	0.203	1.273	1.309	1.363	1.160	0.842	0.878	0.932
	Left side	0.081	0.374	0.017	0.124	0.104	0.472	0.579	0.559	0.455	0.098	0.205	0.185
	Right side	0.549	0.362	0.078	0.009	0.092	0.989	0.920	1.003	0.911	0.627	0.558	0.641
	Top side		0.268	0.117	0.174	0.129	0.385	0.442	0.397	0.268	0.117	0.174	0.129
	Bottom side	0.904					0.904	0.904	0.904	0.904	0.904	0.904	0.904
WCDMA II_Ant 2	Front	0.758	0.289	0.091	0.141	0.152	1.138	1.188	1.199	1.047	0.849	0.899	0.910
	Back	0.682	0.431	0.113	0.149	0.203	1.226	1.262	1.316	1.113	0.795	0.831	0.885
	Left side	0.079	0.374	0.017	0.124	0.104	0.470	0.577	0.557	0.453	0.096	0.203	0.183
	Right side	0.458	0.362	0.078	0.009	0.092	0.898	0.829	0.912	0.820	0.536	0.467	0.550
	Top side		0.268	0.117	0.174	0.129	0.385	0.442	0.397	0.268	0.117	0.174	0.129
	Bottom side	0.903					0.903	0.903	0.903	0.903	0.903	0.903	0.903
WCDMA IV_Ant 2	Front	0.739	0.289	0.091	0.141	0.152	1.119	1.169	1.180	1.028	0.830	0.880	0.891
	Back	0.667	0.431	0.113	0.149	0.203	1.211	1.247	1.301	1.098	0.780	0.816	0.870
	Left side	0.294	0.374	0.017	0.124	0.104	0.685	0.792	0.772	0.668	0.311	0.418	0.398
	Right side	0.555	0.362	0.078	0.009	0.092	0.995	0.926	1.009	0.917	0.633	0.564	0.647
	Top side		0.268	0.117	0.174	0.129	0.385	0.442	0.397	0.268	0.117	0.174	0.129
	Bottom side	0.894					0.894	0.894	0.894	0.894	0.894	0.894	0.894
WCDMA V_Ant 0	Front	0.281	0.289	0.091	0.141	0.152	0.661	0.711	0.722	0.570	0.372	0.422	0.433
	Back	0.190	0.431	0.113	0.149	0.203	0.734	0.770	0.824	0.621	0.303	0.339	0.393
	Left side	0.298	0.374	0.017	0.124	0.104	0.689	0.796	0.776	0.672	0.315	0.422	0.402
	Right side	0.138	0.362	0.078	0.009	0.092	0.578	0.509	0.592	0.500	0.216	0.147	0.230
	Top side		0.268	0.117	0.174	0.129	0.385	0.442	0.397	0.268	0.117	0.174	0.129
	Bottom side	0.111					0.111	0.111	0.111	0.111	0.111	0.111	0.111
LTE Band 7_Ant 2	Front	0.577	0.289	0.091	0.141	0.152	0.957	1.007	1.018	0.866	0.668	0.718	0.729
	Back	0.587	0.431	0.113	0.149	0.203	1.131	1.167	1.221	1.018	0.700	0.736	0.790
	Left side	0.038	0.374	0.017	0.124	0.104	0.429	0.536	0.516	0.412	0.055	0.162	0.142
	Right side	0.421	0.362	0.078	0.009	0.092	0.861	0.792	0.875	0.783	0.499	0.430	0.513
	Top side		0.268	0.117	0.174	0.129	0.385	0.442	0.397	0.268	0.117	0.174	0.129
	Bottom side	0.866					0.866	0.866	0.866	0.866	0.866	0.866	0.866
LTE Band 12_Ant 0	Front	0.294	0.289	0.091	0.141	0.152	0.674	0.724	0.735	0.583	0.385	0.435	0.446
	Back	0.312	0.431	0.113	0.149	0.203	0.856	0.892	0.946	0.743	0.425	0.461	0.515
	Left side	0.506	0.374	0.017	0.124	0.104	0.897	1.004	0.984	0.880	0.523	0.630	0.610
	Right side	0.309	0.362	0.078	0.009	0.092	0.749	0.680	0.763	0.671	0.387	0.318	0.401
	Top side		0.268	0.117	0.174	0.129	0.385	0.442	0.397	0.268	0.117	0.174	0.129
	Bottom side	0.111					0.111	0.111	0.111	0.111	0.111	0.111	0.111
LTE Band 13_Ant 0	Front	0.386	0.289	0.091	0.141	0.152	0.766	0.816	0.827	0.675	0.477	0.527	0.538
	Back	0.382	0.431	0.113	0.149	0.203	0.926	0.962	1.016	0.813	0.495	0.531	0.585
	Left side	0.458	0.374	0.017	0.124	0.104	0.849	0.956	0.936	0.832	0.475	0.582	0.562
	Right side	0.318	0.362	0.078	0.009	0.092	0.758	0.689	0.772	0.680	0.396	0.327	0.410
	Top side		0.268	0.117	0.174	0.129	0.385	0.442	0.397	0.268	0.117	0.174	0.129
	Bottom side	0.137					0.137	0.137	0.137	0.137	0.137	0.137	0.137
LTE Band 14_Ant 0	Front	0.385	0.289	0.091	0.141	0.152	0.765	0.815	0.826	0.674	0.476	0.526	0.537
	Back	0.367	0.431	0.113	0.149	0.203	0.911	0.947	1.001	0.798	0.480	0.516	0.570
	Left side	0.446	0.374	0.017	0.124	0.104	0.837	0.944	0.924	0.820	0.463	0.570	0.550



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	Right side	0.303	0.362	0.078	0.009	0.092	0.743	0.674	0.757	0.665	0.381	0.312	0.395
	Top side		0.268	0.117	0.174	0.129	0.385	0.442	0.397	0.268	0.117	0.174	0.129
	Bottom side	0.152					0.152	0.152	0.152	0.152	0.152	0.152	0.152
LTE Band 25_Ant 2	Front	0.599	0.289	0.091	0.141	0.152	0.979	1.029	1.040	0.888	0.690	0.740	0.751
	Back	0.593	0.431	0.113	0.149	0.203	1.137	1.173	1.227	1.024	0.706	0.742	0.796
	Left side	0.065	0.374	0.017	0.124	0.104	0.456	0.563	0.543	0.439	0.082	0.189	0.169
	Right side	0.356	0.362	0.078	0.009	0.092	0.796	0.727	0.810	0.718	0.434	0.365	0.448
	Top side		0.268	0.117	0.174	0.129	0.385	0.442	0.397	0.268	0.117	0.174	0.129
	Bottom side	0.894					0.894	0.894	0.894	0.894	0.894	0.894	0.894
LTE Band 26_Ant 0	Front	0.311	0.289	0.091	0.141	0.152	0.691	0.741	0.752	0.600	0.402	0.452	0.463
	Back	0.329	0.431	0.113	0.149	0.203	0.873	0.909	0.963	0.760	0.442	0.478	0.532
	Left side	0.473	0.374	0.017	0.124	0.104	0.864	0.971	0.951	0.847	0.490	0.597	0.577
	Right side	0.231	0.362	0.078	0.009	0.092	0.671	0.602	0.685	0.593	0.309	0.240	0.323
	Top side		0.268	0.117	0.174	0.129	0.385	0.442	0.397	0.268	0.117	0.174	0.129
	Bottom side	0.270					0.270	0.270	0.270	0.270	0.270	0.270	0.270
LTE Band 30_Ant 2	Front	0.531	0.289	0.091	0.141	0.152	0.911	0.961	0.972	0.820	0.622	0.672	0.683
	Back	0.610	0.431	0.113	0.149	0.203	1.154	1.190	1.244	1.041	0.723	0.759	0.813
	Left side	0.038	0.374	0.017	0.124	0.104	0.429	0.536	0.516	0.412	0.055	0.162	0.142
	Right side	0.483	0.362	0.078	0.009	0.092	0.923	0.854	0.937	0.845	0.561	0.492	0.575
	Top side		0.268	0.117	0.174	0.129	0.385	0.442	0.397	0.268	0.117	0.174	0.129
	Bottom side	0.897					0.897	0.897	0.897	0.897	0.897	0.897	0.897
LTE Band 41_Ant 2	Front	0.718	0.289	0.091	0.141	0.152	1.098	1.148	1.159	1.007	0.809	0.859	0.870
	Back	0.761	0.431	0.113	0.149	0.203	1.305	1.341	1.395	1.192	0.874	0.910	0.964
	Left side	0.034	0.374	0.017	0.124	0.104	0.425	0.532	0.512	0.408	0.051	0.158	0.138
	Right side	0.551	0.362	0.078	0.009	0.092	0.991	0.922	1.005	0.913	0.629	0.560	0.643
	Top side		0.268	0.117	0.174	0.129	0.385	0.442	0.397	0.268	0.117	0.174	0.129
	Bottom side	0.891					0.891	0.891	0.891	0.891	0.891	0.891	0.891
LTE Band 48_Ant 6	Front	0.506	0.289	0.091	0.141	0.152	0.886	0.936	0.947	0.795	0.597	0.647	0.658
	Back	0.517	0.431	0.113	0.149	0.203	1.061	1.097	1.151	0.948	0.630	0.666	0.720
	Left side	0.891	0.374	0.017	0.124	0.104	1.282	1.389	1.369	1.265	0.908	1.015	0.995
	Right side	0.032	0.362	0.078	0.009	0.092	0.472	0.403	0.486	0.394	0.110	0.041	0.124
	Top side		0.268	0.117	0.174	0.129	0.385	0.442	0.397	0.268	0.117	0.174	0.129
	Bottom side	0.147					0.147	0.147	0.147	0.147	0.147	0.147	0.147
LTE Band 66_Ant 2	Front	0.561	0.289	0.091	0.141	0.152	0.941	0.991	1.002	0.850	0.652	0.702	0.713
	Back	0.540	0.431	0.113	0.149	0.203	1.084	1.120	1.174	0.971	0.653	0.689	0.743
	Left side	0.158	0.374	0.017	0.124	0.104	0.549	0.656	0.636	0.532	0.175	0.282	0.262
	Right side	0.433	0.362	0.078	0.009	0.092	0.873	0.804	0.887	0.795	0.511	0.442	0.525
	Top side		0.268	0.117	0.174	0.129	0.385	0.442	0.397	0.268	0.117	0.174	0.129
	Bottom side	0.910					0.910	0.910	0.910	0.910	0.910	0.910	0.910
LTE Band 71_Ant 0	Front	0.341	0.289	0.091	0.141	0.152	0.721	0.771	0.782	0.630	0.432	0.482	0.493
	Back	0.333	0.431	0.113	0.149	0.203	0.877	0.913	0.967	0.764	0.446	0.482	0.536
	Left side	0.468	0.374	0.017	0.124	0.104	0.859	0.966	0.946	0.842	0.485	0.592	0.572
	Right side	0.326	0.362	0.078	0.009	0.092	0.766	0.697	0.780	0.688	0.404	0.335	0.418
	Top side		0.268	0.117	0.174	0.129	0.385	0.442	0.397	0.268	0.117	0.174	0.129
	Bottom side	0.066					0.066	0.066	0.066	0.066	0.066	0.066	0.066
FR1 n5_Ant 0	Front	0.258	0.289	0.091	0.141	0.152	0.638	0.688	0.699	0.547	0.349	0.399	0.410
	Back	0.230	0.431	0.113	0.149	0.203	0.774	0.810	0.864	0.661	0.343	0.379	0.433
	Left side	0.425	0.374	0.017	0.124	0.104	0.816	0.923	0.903	0.799	0.442	0.549	0.529
	Right side	0.175	0.362	0.078	0.009	0.092	0.615	0.546	0.629	0.537	0.253	0.184	0.267
	Top side		0.268	0.117	0.174	0.129	0.385	0.442	0.397	0.268	0.117	0.174	0.129
	Bottom side	0.160					0.160	0.160	0.160	0.160	0.160	0.160	0.160
FR1 n7_Ant 2	Front	0.547	0.289	0.091	0.141	0.152	0.927	0.977	0.988	0.836	0.638	0.688	0.699
	Back	0.535	0.431	0.113	0.149	0.203	1.079	1.115	1.169	0.966	0.648	0.684	0.738
	Left side	0.029	0.374	0.017	0.124	0.104	0.420	0.527	0.507	0.403	0.046	0.153	0.133
	Right side	0.495	0.362	0.078	0.009	0.092	0.935	0.866	0.949	0.857	0.573	0.504	0.587
	Top side		0.268	0.117	0.174	0.129	0.385	0.442	0.397	0.268	0.117	0.174	0.129



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	Bottom side	0.910					0.910	0.910	0.910	0.910	0.910	0.910	0.910
FR1 n12_Ant 0	Front	0.316	0.289	0.091	0.141	0.152	0.696	0.746	0.757	0.605	0.407	0.457	0.468
	Back	0.293	0.431	0.113	0.149	0.203	0.837	0.873	0.927	0.724	0.406	0.442	0.496
	Left side	0.404	0.374	0.017	0.124	0.104	0.795	0.902	0.882	0.778	0.421	0.528	0.508
	Right side	0.244	0.362	0.078	0.009	0.092	0.684	0.615	0.698	0.606	0.322	0.253	0.336
	Top side		0.268	0.117	0.174	0.129	0.385	0.442	0.397	0.268	0.117	0.174	0.129
	Bottom side	0.064					0.064	0.064	0.064	0.064	0.064	0.064	0.064
FR1 n25_Ant 2	Front	0.616	0.289	0.091	0.141	0.152	0.996	1.046	1.057	0.905	0.707	0.757	0.768
	Back	0.550	0.431	0.113	0.149	0.203	1.094	1.130	1.184	0.981	0.663	0.699	0.753
	Left side	0.055	0.374	0.017	0.124	0.104	0.446	0.553	0.533	0.429	0.072	0.179	0.159
	Right side	0.350	0.362	0.078	0.009	0.092	0.790	0.721	0.804	0.712	0.428	0.359	0.442
	Top side		0.268	0.117	0.174	0.129	0.385	0.442	0.397	0.268	0.117	0.174	0.129
	Bottom side	0.897					0.897	0.897	0.897	0.897	0.897	0.897	0.897
FR1 n30_Ant 2	Front	0.633	0.289	0.091	0.141	0.152	1.013	1.063	1.074	0.922	0.724	0.774	0.785
	Back	0.659	0.431	0.113	0.149	0.203	1.203	1.239	1.293	1.090	0.772	0.808	0.862
	Left side	0.025	0.374	0.017	0.124	0.104	0.416	0.523	0.503	0.399	0.042	0.149	0.129
	Right side	0.530	0.362	0.078	0.009	0.092	0.970	0.901	0.984	0.892	0.608	0.539	0.622
	Top side		0.268	0.117	0.174	0.129	0.385	0.442	0.397	0.268	0.117	0.174	0.129
	Bottom side	0.898					0.898	0.898	0.898	0.898	0.898	0.898	0.898
FR1 n41 PC2_Ant 5	Front	0.379	0.289	0.091	0.141	0.152	0.759	0.809	0.820	0.668	0.470	0.520	0.531
	Back	0.528	0.431	0.113	0.149	0.203	1.072	1.108	1.162	0.959	0.641	0.677	0.731
	Left side	0.014	0.374	0.017	0.124	0.104	0.405	0.512	0.492	0.388	0.031	0.138	0.118
	Right side	0.771	0.362	0.078	0.009	0.092	1.211	1.142	1.225	1.133	0.849	0.780	0.863
	Top side	0.101	0.268	0.117	0.174	0.129	0.486	0.543	0.498	0.369	0.218	0.275	0.230
	Bottom side						0.000	0.000	0.000	0.000	0.000	0.000	0.000
FR1 n66_Ant 2	Front	0.653	0.289	0.091	0.141	0.152	1.033	1.083	1.094	0.942	0.744	0.794	0.805
	Back	0.697	0.431	0.113	0.149	0.203	1.241	1.277	1.331	1.128	0.810	0.846	0.900
	Left side	0.206	0.374	0.017	0.124	0.104	0.597	0.704	0.684	0.580	0.223	0.330	0.310
	Right side	0.514	0.362	0.078	0.009	0.092	0.954	0.885	0.968	0.876	0.592	0.523	0.606
	Top side		0.268	0.117	0.174	0.129	0.385	0.442	0.397	0.268	0.117	0.174	0.129
	Bottom side	0.817					0.817	0.817	0.817	0.817	0.817	0.817	0.817
FR1 n71_Ant 0	Front	0.225	0.289	0.091	0.141	0.152	0.605	0.655	0.666	0.514	0.316	0.366	0.377
	Back	0.215	0.431	0.113	0.149	0.203	0.759	0.795	0.849	0.646	0.328	0.364	0.418
	Left side	0.232	0.374	0.017	0.124	0.104	0.623	0.730	0.710	0.606	0.249	0.356	0.336
	Right side	0.171	0.362	0.078	0.009	0.092	0.611	0.542	0.625	0.533	0.249	0.180	0.263
	Top side		0.268	0.117	0.174	0.129	0.385	0.442	0.397	0.268	0.117	0.174	0.129
	Bottom side	0.031					0.031	0.031	0.031	0.031	0.031	0.031	0.031
FR1 n77 PC2_Ant 6	Front	0.552	0.289	0.091	0.141	0.152	0.932	0.982	0.993	0.841	0.643	0.693	0.704
	Back	0.562	0.431	0.113	0.149	0.203	1.106	1.142	1.196	0.993	0.675	0.711	0.765
	Left side	0.788	0.374	0.017	0.124	0.104	1.179	1.286	1.266	1.162	0.805	0.912	0.892
	Right side	0.026	0.362	0.078	0.009	0.092	0.466	0.397	0.480	0.388	0.104	0.035	0.118
	Top side		0.268	0.117	0.174	0.129	0.385	0.442	0.397	0.268	0.117	0.174	0.129
	Bottom side	0.151					0.151	0.151	0.151	0.151	0.151	0.151	0.151

<WWAN Index 4, BT Index 3>

WWAN Band	Exposure Position	1	4	5	6	1+4 Summed 1g SAR (W/kg)	1+5 Summed 1g SAR (W/kg)	1+6 Summed 1g SAR (W/kg)
		WWAN 1g SAR (W/kg)	Bluetooth Ant 4 1g SAR (W/kg)	Bluetooth Ant 3 1g SAR (W/kg)	Bluetooth Ant 4+3 1g SAR (W/kg)			
GSM850_Ant 1	Front	0.363	0.205	0.390	0.148	0.568	0.753	0.511
	Back	0.818	0.255	0.409	0.352	1.073	1.227	1.170
	Left side	0.222	0.043	0.336	0.094	0.265	0.558	0.316
	Right side	0.149	0.193	0.020	0.161	0.342	0.169	0.310
	Top side	0.383	0.263	0.439	0.530	0.646	0.822	0.913
	Bottom side					0.000	0.000	0.000
GSM1900_Ant 0	Front	0.738	0.205	0.390	0.148	0.943	1.128	0.886
	Back	0.654	0.255	0.409	0.352	0.909	1.063	1.006
	Left side	0.077	0.043	0.336	0.094	0.120	0.413	0.171
	Right side	0.633	0.193	0.020	0.161	0.826	0.653	0.794
	Top side		0.263	0.439	0.530	0.263	0.439	0.530
	Bottom side	0.887				0.887	0.887	0.887
WCDMA II_Ant 0	Front	0.552	0.205	0.390	0.148	0.757	0.942	0.700
	Back	0.715	0.255	0.409	0.352	0.970	1.124	1.067
	Left side	0.665	0.043	0.336	0.094	0.708	1.001	0.759
	Right side	0.039	0.193	0.020	0.161	0.232	0.059	0.200
	Top side		0.263	0.439	0.530	0.263	0.439	0.530
	Bottom side	0.907				0.907	0.907	0.907
WCDMA IV_Ant 0	Front	0.504	0.205	0.390	0.148	0.709	0.894	0.652
	Back	0.585	0.255	0.409	0.352	0.840	0.994	0.937
	Left side	0.807	0.043	0.336	0.094	0.850	1.143	0.901
	Right side	0.094	0.193	0.020	0.161	0.287	0.114	0.255
	Top side		0.263	0.439	0.530	0.263	0.439	0.530
	Bottom side	0.400				0.400	0.400	0.400
WCDMA V_Ant 1	Front	0.243	0.205	0.390	0.148	0.448	0.633	0.391
	Back	0.377	0.255	0.409	0.352	0.632	0.786	0.729
	Left side	0.179	0.043	0.336	0.094	0.222	0.515	0.273
	Right side	0.087	0.193	0.020	0.161	0.280	0.107	0.248
	Top side	0.228	0.263	0.439	0.530	0.491	0.667	0.758
	Bottom side					0.000	0.000	0.000
LTE Band 7_Ant 0	Front	0.426	0.205	0.390	0.148	0.631	0.816	0.574
	Back	0.500	0.255	0.409	0.352	0.755	0.909	0.852
	Left side	0.787	0.043	0.336	0.094	0.830	1.123	0.881
	Right side	0.069	0.193	0.020	0.161	0.262	0.089	0.230
	Top side		0.263	0.439	0.530	0.263	0.439	0.530
	Bottom side	0.309				0.309	0.309	0.309
LTE Band 12_Ant 1	Front	0.179	0.205	0.390	0.148	0.384	0.569	0.327
	Back	0.233	0.255	0.409	0.352	0.488	0.642	0.585
	Left side	0.173	0.043	0.336	0.094	0.216	0.509	0.267
	Right side	0.055	0.193	0.020	0.161	0.248	0.075	0.216
	Top side	0.209	0.263	0.439	0.530	0.472	0.648	0.739
	Bottom side					0.000	0.000	0.000
LTE Band 13_Ant 1	Front	0.267	0.205	0.390	0.148	0.472	0.657	0.415
	Back	0.332	0.255	0.409	0.352	0.587	0.741	0.684
	Left side	0.358	0.043	0.336	0.094	0.401	0.694	0.452
	Right side	0.143	0.193	0.020	0.161	0.336	0.163	0.304
	Top side	0.222	0.263	0.439	0.530	0.485	0.661	0.752
	Bottom side					0.000	0.000	0.000
LTE Band 14_Ant 1	Front	0.311	0.205	0.390	0.148	0.516	0.701	0.459
	Back	0.406	0.255	0.409	0.352	0.661	0.815	0.758
	Left side	0.379	0.043	0.336	0.094	0.422	0.715	0.473



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	Right side	0.164	0.193	0.020	0.161	0.357	0.184	0.325
	Top side	0.246	0.263	0.439	0.530	0.509	0.685	0.776
	Bottom side					0.000	0.000	0.000
LTE Band 25_Ant 0	Front	0.474	0.205	0.390	0.148	0.679	0.864	0.622
	Back	0.634	0.255	0.409	0.352	0.889	1.043	0.986
	Left side	0.640	0.043	0.336	0.094	0.683	0.976	0.734
	Right side	0.028	0.193	0.020	0.161	0.221	0.048	0.189
	Top side		0.263	0.439	0.530	0.263	0.439	0.530
	Bottom side	0.904				0.904	0.904	0.904
LTE Band 26_Ant 1	Front	0.314	0.205	0.390	0.148	0.519	0.704	0.462
	Back	0.454	0.255	0.409	0.352	0.709	0.863	0.806
	Left side	0.226	0.043	0.336	0.094	0.269	0.562	0.320
	Right side	0.144	0.193	0.020	0.161	0.337	0.164	0.305
	Top side	0.303	0.263	0.439	0.530	0.566	0.742	0.833
	Bottom side					0.000	0.000	0.000
LTE Band 30_Ant 0	Front	0.430	0.205	0.390	0.148	0.635	0.820	0.578
	Back	0.506	0.255	0.409	0.352	0.761	0.915	0.858
	Left side	0.889	0.043	0.336	0.094	0.932	1.225	0.983
	Right side	0.048	0.193	0.020	0.161	0.241	0.068	0.209
	Top side		0.263	0.439	0.530	0.263	0.439	0.530
	Bottom side	0.287				0.287	0.287	0.287
LTE Band 41_Ant 0	Front	0.230	0.205	0.390	0.148	0.435	0.620	0.378
	Back	0.327	0.255	0.409	0.352	0.582	0.736	0.679
	Left side	0.600	0.043	0.336	0.094	0.643	0.936	0.694
	Right side	0.056	0.193	0.020	0.161	0.249	0.076	0.217
	Top side		0.263	0.439	0.530	0.263	0.439	0.530
	Bottom side	0.244				0.244	0.244	0.244
LTE Band 48_Ant 2	Front	0.410	0.205	0.390	0.148	0.615	0.800	0.558
	Back	0.418	0.255	0.409	0.352	0.673	0.827	0.770
	Left side	0.049	0.043	0.336	0.094	0.092	0.385	0.143
	Right side	0.905	0.193	0.020	0.161	1.098	0.925	1.066
	Top side		0.263	0.439	0.530	0.263	0.439	0.530
	Bottom side	0.178				0.178	0.178	0.178
LTE Band 66_Ant 0	Front	0.367	0.205	0.390	0.148	0.572	0.757	0.515
	Back	0.529	0.255	0.409	0.352	0.784	0.938	0.881
	Left side	0.755	0.043	0.336	0.094	0.798	1.091	0.849
	Right side	0.082	0.193	0.020	0.161	0.275	0.102	0.243
	Top side		0.263	0.439	0.530	0.263	0.439	0.530
	Bottom side	0.256				0.256	0.256	0.256
LTE Band 71_Ant 1	Front	0.173	0.205	0.390	0.148	0.378	0.563	0.321
	Back	0.198	0.255	0.409	0.352	0.453	0.607	0.550
	Left side	0.200	0.043	0.336	0.094	0.243	0.536	0.294
	Right side	0.068	0.193	0.020	0.161	0.261	0.088	0.229
	Top side	0.092	0.263	0.439	0.530	0.355	0.531	0.622
	Bottom side					0.000	0.000	0.000
FR1 n5_Ant 1	Front	0.180	0.205	0.390	0.148	0.385	0.570	0.328
	Back	0.233	0.255	0.409	0.352	0.488	0.642	0.585
	Left side	0.100	0.043	0.336	0.094	0.143	0.436	0.194
	Right side	0.065	0.193	0.020	0.161	0.258	0.085	0.226
	Top side	0.190	0.263	0.439	0.530	0.453	0.629	0.720
	Bottom side					0.000	0.000	0.000
FR1 n7_Ant 0	Front	0.407	0.205	0.390	0.148	0.612	0.797	0.555
	Back	0.266	0.255	0.409	0.352	0.521	0.675	0.618
	Left side	0.653	0.043	0.336	0.094	0.696	0.989	0.747
	Right side	0.068	0.193	0.020	0.161	0.261	0.088	0.229
	Top side		0.263	0.439	0.530	0.263	0.439	0.530

	Bottom side	0.168				0.168	0.168	0.168
FR1 n12_Ant 1	Front	0.141	0.205	0.390	0.148	0.346	0.531	0.289
	Back	0.183	0.255	0.409	0.352	0.438	0.592	0.535
	Left side	0.140	0.043	0.336	0.094	0.183	0.476	0.234
	Right side	0.055	0.193	0.020	0.161	0.248	0.075	0.216
	Top side	0.148	0.263	0.439	0.530	0.411	0.587	0.678
	Bottom side					0.000	0.000	0.000
FR1 n25_Ant 0	Front	0.533	0.205	0.390	0.148	0.738	0.923	0.681
	Back	0.628	0.255	0.409	0.352	0.883	1.037	0.980
	Left side	0.624	0.043	0.336	0.094	0.667	0.960	0.718
	Right side	0.026	0.193	0.020	0.161	0.219	0.046	0.187
	Top side		0.263	0.439	0.530	0.263	0.439	0.530
	Bottom side	0.838				0.838	0.838	0.838
FR1 n30_Ant 0	Front	0.403	0.205	0.390	0.148	0.608	0.793	0.551
	Back	0.456	0.255	0.409	0.352	0.711	0.865	0.808
	Left side	0.756	0.043	0.336	0.094	0.799	1.092	0.850
	Right side	0.051	0.193	0.020	0.161	0.244	0.071	0.212
	Top side		0.263	0.439	0.530	0.263	0.439	0.530
	Bottom side	0.248				0.248	0.248	0.248
FR1 n41_Ant 1	Front	0.581	0.205	0.390	0.148	0.786	0.971	0.729
	Back	0.630	0.255	0.409	0.352	0.885	1.039	0.982
	Left side	0.894	0.043	0.336	0.094	0.937	1.230	0.988
	Right side	0.011	0.193	0.020	0.161	0.204	0.031	0.172
	Top side	0.363	0.263	0.439	0.530	0.626	0.802	0.893
	Bottom side					0.000	0.000	0.000
FR1 n66_Ant 0	Front	0.429	0.205	0.390	0.148	0.634	0.819	0.577
	Back	0.553	0.255	0.409	0.352	0.808	0.962	0.905
	Left side	0.798	0.043	0.336	0.094	0.841	1.134	0.892
	Right side	0.106	0.193	0.020	0.161	0.299	0.126	0.267
	Top side		0.263	0.439	0.530	0.263	0.439	0.530
	Bottom side	0.390				0.390	0.390	0.390
FR1 n71_Ant 1	Front	0.185	0.205	0.390	0.148	0.390	0.575	0.333
	Back	0.230	0.255	0.409	0.352	0.485	0.639	0.582
	Left side	0.264	0.043	0.336	0.094	0.307	0.600	0.358
	Right side	0.108	0.193	0.020	0.161	0.301	0.128	0.269
	Top side	0.175	0.263	0.439	0.530	0.438	0.614	0.705
	Bottom side					0.000	0.000	0.000
FR1 n77_Ant 2	Front	0.519	0.205	0.390	0.148	0.724	0.909	0.667
	Back	0.366	0.255	0.409	0.352	0.621	0.775	0.718
	Left side	0.073	0.043	0.336	0.094	0.116	0.409	0.167
	Right side	0.843	0.193	0.020	0.161	1.036	0.863	1.004
	Top side		0.263	0.439	0.530	0.263	0.439	0.530
	Bottom side	0.209				0.209	0.209	0.209



<WWAN Index 4, BT Index 3>

WWAN Band	Exposure Position	1	4	5	6	1+4 Summed 1g SAR (W/kg)	1+5 Summed 1g SAR (W/kg)	1+6 Summed 1g SAR (W/kg)
		WWAN 1g SAR (W/kg)	Bluetooth Ant 4 1g SAR (W/kg)	Bluetooth Ant 3 1g SAR (W/kg)	Bluetooth Ant 4+3 1g SAR (W/kg)			
GSM850_Ant 0	Front	0.550	0.205	0.390	0.148	0.755	0.940	0.698
	Back	0.429	0.255	0.409	0.352	0.684	0.838	0.781
	Left side	0.770	0.043	0.336	0.094	0.813	1.106	0.864
	Right side	0.376	0.193	0.020	0.161	0.569	0.396	0.537
	Top side		0.263	0.439	0.530	0.263	0.439	0.530
	Bottom side	0.604				0.604	0.604	0.604
GSM1900_Ant 2	Front	0.661	0.205	0.390	0.148	0.866	1.051	0.809
	Back	0.729	0.255	0.409	0.352	0.984	1.138	1.081
	Left side	0.081	0.043	0.336	0.094	0.124	0.417	0.175
	Right side	0.549	0.193	0.020	0.161	0.742	0.569	0.710
	Top side		0.263	0.439	0.530	0.263	0.439	0.530
	Bottom side	0.904				0.904	0.904	0.904
WCDMA II_Ant 2	Front	0.758	0.205	0.390	0.148	0.963	1.148	0.906
	Back	0.682	0.255	0.409	0.352	0.937	1.091	1.034
	Left side	0.079	0.043	0.336	0.094	0.122	0.415	0.173
	Right side	0.458	0.193	0.020	0.161	0.651	0.478	0.619
	Top side		0.263	0.439	0.530	0.263	0.439	0.530
	Bottom side	0.903				0.903	0.903	0.903
WCDMA IV_Ant 2	Front	0.739	0.205	0.390	0.148	0.944	1.129	0.887
	Back	0.667	0.255	0.409	0.352	0.922	1.076	1.019
	Left side	0.294	0.043	0.336	0.094	0.337	0.630	0.388
	Right side	0.555	0.193	0.020	0.161	0.748	0.575	0.716
	Top side		0.263	0.439	0.530	0.263	0.439	0.530
	Bottom side	0.894				0.894	0.894	0.894
WCDMA V_Ant 0	Front	0.281	0.205	0.390	0.148	0.486	0.671	0.429
	Back	0.190	0.255	0.409	0.352	0.445	0.599	0.542
	Left side	0.298	0.043	0.336	0.094	0.341	0.634	0.392
	Right side	0.138	0.193	0.020	0.161	0.331	0.158	0.299
	Top side		0.263	0.439	0.530	0.263	0.439	0.530
	Bottom side	0.111				0.111	0.111	0.111
LTE Band 7_Ant 2	Front	0.577	0.205	0.390	0.148	0.782	0.967	0.725
	Back	0.587	0.255	0.409	0.352	0.842	0.996	0.939
	Left side	0.038	0.043	0.336	0.094	0.081	0.374	0.132
	Right side	0.421	0.193	0.020	0.161	0.614	0.441	0.582
	Top side		0.263	0.439	0.530	0.263	0.439	0.530
	Bottom side	0.866				0.866	0.866	0.866
LTE Band 12_Ant 0	Front	0.294	0.205	0.390	0.148	0.499	0.684	0.442
	Back	0.312	0.255	0.409	0.352	0.567	0.721	0.664
	Left side	0.506	0.043	0.336	0.094	0.549	0.842	0.600
	Right side	0.309	0.193	0.020	0.161	0.502	0.329	0.470
	Top side		0.263	0.439	0.530	0.263	0.439	0.530
	Bottom side	0.111				0.111	0.111	0.111
LTE Band 13_Ant 0	Front	0.386	0.205	0.390	0.148	0.591	0.776	0.534
	Back	0.382	0.255	0.409	0.352	0.637	0.791	0.734
	Left side	0.458	0.043	0.336	0.094	0.501	0.794	0.552
	Right side	0.318	0.193	0.020	0.161	0.511	0.338	0.479
	Top side		0.263	0.439	0.530	0.263	0.439	0.530
	Bottom side	0.137				0.137	0.137	0.137
LTE Band 14_Ant 0	Front	0.385	0.205	0.390	0.148	0.590	0.775	0.533
	Back	0.367	0.255	0.409	0.352	0.622	0.776	0.719
	Left side	0.446	0.043	0.336	0.094	0.489	0.782	0.540



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	Right side	0.303	0.193	0.020	0.161	0.496	0.323	0.464
	Top side		0.263	0.439	0.530	0.263	0.439	0.530
	Bottom side	0.152				0.152	0.152	0.152
LTE Band 25_Ant 2	Front	0.599	0.205	0.390	0.148	0.804	0.989	0.747
	Back	0.593	0.255	0.409	0.352	0.848	1.002	0.945
	Left side	0.065	0.043	0.336	0.094	0.108	0.401	0.159
	Right side	0.356	0.193	0.020	0.161	0.549	0.376	0.517
	Top side		0.263	0.439	0.530	0.263	0.439	0.530
	Bottom side	0.894				0.894	0.894	0.894
LTE Band 26_Ant 0	Front	0.311	0.205	0.390	0.148	0.516	0.701	0.459
	Back	0.329	0.255	0.409	0.352	0.584	0.738	0.681
	Left side	0.473	0.043	0.336	0.094	0.516	0.809	0.567
	Right side	0.231	0.193	0.020	0.161	0.424	0.251	0.392
	Top side		0.263	0.439	0.530	0.263	0.439	0.530
	Bottom side	0.270				0.270	0.270	0.270
LTE Band 30_Ant 2	Front	0.531	0.205	0.390	0.148	0.736	0.921	0.679
	Back	0.610	0.255	0.409	0.352	0.865	1.019	0.962
	Left side	0.038	0.043	0.336	0.094	0.081	0.374	0.132
	Right side	0.483	0.193	0.020	0.161	0.676	0.503	0.644
	Top side		0.263	0.439	0.530	0.263	0.439	0.530
	Bottom side	0.897				0.897	0.897	0.897
LTE Band 41_Ant 2	Front	0.718	0.205	0.390	0.148	0.923	1.108	0.866
	Back	0.761	0.255	0.409	0.352	1.016	1.170	1.113
	Left side	0.034	0.043	0.336	0.094	0.077	0.370	0.128
	Right side	0.551	0.193	0.020	0.161	0.744	0.571	0.712
	Top side		0.263	0.439	0.530	0.263	0.439	0.530
	Bottom side	0.891				0.891	0.891	0.891
LTE Band 48_Ant 6	Front	0.506	0.205	0.390	0.148	0.711	0.896	0.654
	Back	0.517	0.255	0.409	0.352	0.772	0.926	0.869
	Left side	0.891	0.043	0.336	0.094	0.934	1.227	0.985
	Right side	0.032	0.193	0.020	0.161	0.225	0.052	0.193
	Top side		0.263	0.439	0.530	0.263	0.439	0.530
	Bottom side	0.147				0.147	0.147	0.147
LTE Band 66_Ant 2	Front	0.561	0.205	0.390	0.148	0.766	0.951	0.709
	Back	0.540	0.255	0.409	0.352	0.795	0.949	0.892
	Left side	0.158	0.043	0.336	0.094	0.201	0.494	0.252
	Right side	0.433	0.193	0.020	0.161	0.626	0.453	0.594
	Top side		0.263	0.439	0.530	0.263	0.439	0.530
	Bottom side	0.910				0.910	0.910	0.910
LTE Band 71_Ant 0	Front	0.341	0.205	0.390	0.148	0.546	0.731	0.489
	Back	0.333	0.255	0.409	0.352	0.588	0.742	0.685
	Left side	0.468	0.043	0.336	0.094	0.511	0.804	0.562
	Right side	0.326	0.193	0.020	0.161	0.519	0.346	0.487
	Top side		0.263	0.439	0.530	0.263	0.439	0.530
	Bottom side	0.066				0.066	0.066	0.066
FR1 n5_Ant 0	Front	0.258	0.205	0.390	0.148	0.463	0.648	0.406
	Back	0.230	0.255	0.409	0.352	0.485	0.639	0.582
	Left side	0.425	0.043	0.336	0.094	0.468	0.761	0.519
	Right side	0.175	0.193	0.020	0.161	0.368	0.195	0.336
	Top side		0.263	0.439	0.530	0.263	0.439	0.530
	Bottom side	0.160				0.160	0.160	0.160
FR1 n7_Ant 2	Front	0.547	0.205	0.390	0.148	0.752	0.937	0.695
	Back	0.535	0.255	0.409	0.352	0.790	0.944	0.887
	Left side	0.029	0.043	0.336	0.094	0.072	0.365	0.123
	Right side	0.495	0.193	0.020	0.161	0.688	0.515	0.656
	Top side		0.263	0.439	0.530	0.263	0.439	0.530

	Bottom side	0.910				0.910	0.910	0.910
FR1 n12_Ant 0	Front	0.316	0.205	0.390	0.148	0.521	0.706	0.464
	Back	0.293	0.255	0.409	0.352	0.548	0.702	0.645
	Left side	0.404	0.043	0.336	0.094	0.447	0.740	0.498
	Right side	0.244	0.193	0.020	0.161	0.437	0.264	0.405
	Top side		0.263	0.439	0.530	0.263	0.439	0.530
	Bottom side	0.064				0.064	0.064	0.064
FR1 n25_Ant 2	Front	0.616	0.205	0.390	0.148	0.821	1.006	0.764
	Back	0.550	0.255	0.409	0.352	0.805	0.959	0.902
	Left side	0.055	0.043	0.336	0.094	0.098	0.391	0.149
	Right side	0.350	0.193	0.020	0.161	0.543	0.370	0.511
	Top side		0.263	0.439	0.530	0.263	0.439	0.530
	Bottom side	0.897				0.897	0.897	0.897
FR1 n30_Ant 2	Front	0.633	0.205	0.390	0.148	0.838	1.023	0.781
	Back	0.659	0.255	0.409	0.352	0.914	1.068	1.011
	Left side	0.025	0.043	0.336	0.094	0.068	0.361	0.119
	Right side	0.530	0.193	0.020	0.161	0.723	0.550	0.691
	Top side		0.263	0.439	0.530	0.263	0.439	0.530
	Bottom side	0.898				0.898	0.898	0.898
FR1 n41 PC2_Ant 5	Front	0.379	0.205	0.390	0.148	0.584	0.769	0.527
	Back	0.528	0.255	0.409	0.352	0.783	0.937	0.880
	Left side	0.014	0.043	0.336	0.094	0.057	0.350	0.108
	Right side	0.771	0.193	0.020	0.161	0.964	0.791	0.932
	Top side	0.101	0.263	0.439	0.530	0.364	0.540	0.631
	Bottom side					0.000	0.000	0.000
FR1 n66_Ant 2	Front	0.653	0.205	0.390	0.148	0.858	1.043	0.801
	Back	0.697	0.255	0.409	0.352	0.952	1.106	1.049
	Left side	0.206	0.043	0.336	0.094	0.249	0.542	0.300
	Right side	0.514	0.193	0.020	0.161	0.707	0.534	0.675
	Top side		0.263	0.439	0.530	0.263	0.439	0.530
	Bottom side	0.817				0.817	0.817	0.817
FR1 n71_Ant 0	Front	0.225	0.205	0.390	0.148	0.430	0.615	0.373
	Back	0.215	0.255	0.409	0.352	0.470	0.624	0.567
	Left side	0.232	0.043	0.336	0.094	0.275	0.568	0.326
	Right side	0.171	0.193	0.020	0.161	0.364	0.191	0.332
	Top side		0.263	0.439	0.530	0.263	0.439	0.530
	Bottom side	0.031				0.031	0.031	0.031
FR1 n77 PC2_Ant 6	Front	0.552	0.205	0.390	0.148	0.757	0.942	0.700
	Back	0.562	0.255	0.409	0.352	0.817	0.971	0.914
	Left side	0.788	0.043	0.336	0.094	0.831	1.124	0.882
	Right side	0.026	0.193	0.020	0.161	0.219	0.046	0.187
	Top side		0.263	0.439	0.530	0.263	0.439	0.530
	Bottom side	0.151				0.151	0.151	0.151

16.4 Body-Worn Accessory Exposure Conditions

<WLAN Index 5, BT Index 3>

Exposure Position	2 5/6GHz WLAN Ant 4+3 1g SAR (W/kg)	3 Bluetooth Ant 4 1g SAR (W/kg)	4 Bluetooth Ant 3 1g SAR (W/kg)	5 Bluetooth Ant 4+3 1g SAR (W/kg)	2+3 Summed 1g SAR (W/kg)	2+4 Summed 1g SAR (W/kg)	2+5 Summed 1g SAR (W/kg)
Front	0.691	0.205	0.390	0.148	0.896	1.081	0.839
Back	0.787	0.255	0.409	0.352	1.042	1.196	1.139

<WLAN Index 6>

Exposure Position	1 2.4GHz WLAN Ant 4+3 1g SAR (W/kg)	2 5/6GHz WLAN Ant 4+3 1g SAR (W/kg)	1+2 Summed 1g SAR (W/kg)
Front	0.420	0.691	1.111
Back	0.571	0.787	1.358

<WWAN Index 6, WLAN Index 8>

WWAN Band	Exposure Position	1 WWAN 1g SAR (W/kg)	2 2.4GHz WLAN Ant 4+3 1g SAR (W/kg)	3 5/6GHz WLAN Ant 4+3 1g SAR (W/kg)	1+2+3 Summed 1g SAR (W/kg)
GSM850_Ant 1	Front	0.363	0.123	0.225	0.711
	Back	0.818	0.182	0.374	1.374
GSM1900_Ant 0	Front	0.701	0.123	0.225	1.049
	Back	0.894	0.182	0.374	1.450
WCDMA II_Ant 0	Front	0.590	0.123	0.225	0.938
	Back	0.907	0.182	0.374	1.463
WCDMA IV_Ant 0	Front	0.504	0.123	0.225	0.852
	Back	0.585	0.182	0.374	1.141
WCDMA V_Ant 1	Front	0.243	0.123	0.225	0.591
	Back	0.377	0.182	0.374	0.933
LTE Band 7_Ant 0	Front	0.426	0.123	0.225	0.774
	Back	0.500	0.182	0.374	1.056
LTE Band 12_Ant 1	Front	0.179	0.123	0.225	0.527
	Back	0.233	0.182	0.374	0.789
LTE Band 13_Ant 1	Front	0.267	0.123	0.225	0.615
	Back	0.332	0.182	0.374	0.888
LTE Band 14_Ant 1	Front	0.311	0.123	0.225	0.659
	Back	0.406	0.182	0.374	0.962
LTE Band 25_Ant 0	Front	0.474	0.123	0.225	0.822
	Back	0.634	0.182	0.374	1.190
LTE Band 26_Ant 1	Front	0.314	0.123	0.225	0.662
	Back	0.454	0.182	0.374	1.010
LTE Band 30_Ant 0	Front	0.483	0.123	0.225	0.831
	Back	0.567	0.182	0.374	1.123
LTE Band 41_Ant 0	Front	0.230	0.123	0.225	0.578
	Back	0.327	0.182	0.374	0.883
LTE Band 48_Ant 2	Front	0.439	0.123	0.225	0.787
	Back	0.448	0.182	0.374	1.004
LTE Band 66_Ant 0	Front	0.367	0.123	0.225	0.715
	Back	0.529	0.182	0.374	1.085
LTE Band 71_Ant 1	Front	0.173	0.123	0.225	0.521

	Back	0.198	0.182	0.374	0.754
FR1 n5_Ant 1	Front	0.180	0.123	0.225	0.528
	Back	0.233	0.182	0.374	0.789
FR1 n7_Ant 0	Front	0.407	0.123	0.225	0.755
	Back	0.266	0.182	0.374	0.822
FR1 n12_Ant 1	Front	0.141	0.123	0.225	0.489
	Back	0.183	0.182	0.374	0.739
FR1 n25_Ant 0	Front	0.545	0.123	0.225	0.893
	Back	0.799	0.182	0.374	1.355
FR1 n30_Ant 0	Front	0.403	0.123	0.225	0.751
	Back	0.456	0.182	0.374	1.012
FR1 n41_Ant 1	Front	0.667	0.123	0.225	1.015
	Back	0.723	0.182	0.374	1.279
FR1 n66_Ant 0	Front	0.429	0.123	0.225	0.777
	Back	0.553	0.182	0.374	1.109
FR1 n71_Ant 1	Front	0.185	0.123	0.225	0.533
	Back	0.230	0.182	0.374	0.786
FR1 n77_Ant 2	Front	0.734	0.123	0.225	1.082
	Back	0.633	0.182	0.374	1.189

<WWAN Index 6, WLAN Index 8>

WWAN Band	Exposure Position	1	2	3	1+2+3 Summed 1g SAR (W/kg)
		WWAN	2.4GHz WLAN Ant 4+3	5/6GHz WLAN Ant 4+3	
		1g SAR (W/kg)	1g SAR (W/kg)	1g SAR (W/kg)	
GSM850_Ant 0	Front	0.550	0.123	0.225	0.898
	Back	0.429	0.182	0.374	0.985
GSM1900_Ant 2	Front	0.853	0.123	0.225	1.201
	Back	0.908	0.182	0.374	1.464
WCDMA II_Ant 2	Front	0.758	0.123	0.225	1.106
	Back	0.889	0.182	0.374	1.445
WCDMA IV_Ant 2	Front	0.741	0.123	0.225	1.089
	Back	0.877	0.182	0.374	1.433
WCDMA V_Ant 0	Front	0.281	0.123	0.225	0.629
	Back	0.190	0.182	0.374	0.746
LTE Band 7_Ant 2	Front	0.708	0.123	0.225	1.056
	Back	0.908	0.182	0.374	1.464
LTE Band 12_Ant 0	Front	0.294	0.123	0.225	0.642
	Back	0.312	0.182	0.374	0.868
LTE Band 13_Ant 0	Front	0.386	0.123	0.225	0.734
	Back	0.382	0.182	0.374	0.938
LTE Band 14_Ant 0	Front	0.385	0.123	0.225	0.733
	Back	0.367	0.182	0.374	0.923
LTE Band 25_Ant 2	Front	0.858	0.123	0.225	1.206
	Back	0.908	0.182	0.374	1.464
LTE Band 26_Ant 0	Front	0.311	0.123	0.225	0.659
	Back	0.329	0.182	0.374	0.885
LTE Band 30_Ant 2	Front	0.752	0.123	0.225	1.100
	Back	0.863	0.182	0.374	1.419
LTE Band 41_Ant 2	Front	0.799	0.123	0.225	1.147
	Back	0.884	0.182	0.374	1.440
LTE Band 48_Ant 6	Front	0.506	0.123	0.225	0.854
	Back	0.517	0.182	0.374	1.073
LTE Band 66_Ant 2	Front	0.786	0.123	0.225	1.134
	Back	0.811	0.182	0.374	1.367



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LTE Band 71_Ant 0	Front	0.341	0.123	0.225	0.689
	Back	0.333	0.182	0.374	0.889
FR1 n5_Ant 0	Front	0.258	0.123	0.225	0.606
	Back	0.230	0.182	0.374	0.786
FR1 n7_Ant 2	Front	0.680	0.123	0.225	1.028
	Back	0.909	0.182	0.374	1.465
FR1 n12_Ant 0	Front	0.316	0.123	0.225	0.664
	Back	0.293	0.182	0.374	0.849
FR1 n25_Ant 2	Front	0.775	0.123	0.225	1.123
	Back	0.910	0.182	0.374	1.466
FR1 n30_Ant 2	Front	0.710	0.123	0.225	1.058
	Back	0.906	0.182	0.374	1.462
FR1 n41 PC2_Ant 5	Front	0.505	0.123	0.225	0.853
	Back	0.632	0.182	0.374	1.188
FR1 n66_Ant 2	Front	0.766	0.123	0.225	1.114
	Back	0.821	0.182	0.374	1.377
FR1 n71_Ant 0	Front	0.225	0.123	0.225	0.573
	Back	0.215	0.182	0.374	0.771
FR1 n77_Ant 6	Front	0.719	0.123	0.225	1.067
	Back	0.685	0.182	0.374	1.241

<WWAN Index 6, WLAN Index 7>

WWAN Band	Exposure Position	1	2	3	1+3 Summed 1g SAR (W/kg)	1+2 Summed 1g SAR (W/kg)
		WWAN 1g SAR (W/kg)	2.4GHz WLAN Ant 4+3 1g SAR (W/kg)	5/6GHz WLAN Ant 4+3 1g SAR (W/kg)		
GSM850_Ant 1	Front	0.363	0.474	0.399	0.762	0.837
	Back	0.818	0.594	0.536	1.354	1.412
GSM1900_Ant 0	Front	0.701	0.474	0.399	1.100	1.175
	Back	0.894	0.594	0.536	1.430	1.488
WCDMA II_Ant 0	Front	0.590	0.474	0.399	0.989	1.064
	Back	0.907	0.594	0.536	1.443	1.501
WCDMA IV_Ant 0	Front	0.504	0.474	0.399	0.903	0.978
	Back	0.585	0.594	0.536	1.121	1.179
WCDMA V_Ant 1	Front	0.243	0.474	0.399	0.642	0.717
	Back	0.377	0.594	0.536	0.913	0.971
LTE Band 7_Ant 0	Front	0.426	0.474	0.399	0.825	0.900
	Back	0.500	0.594	0.536	1.036	1.094
LTE Band 12_Ant 1	Front	0.179	0.474	0.399	0.578	0.653
	Back	0.233	0.594	0.536	0.769	0.827
LTE Band 13_Ant 1	Front	0.267	0.474	0.399	0.666	0.741
	Back	0.332	0.594	0.536	0.868	0.926
LTE Band 14_Ant 1	Front	0.311	0.474	0.399	0.710	0.785
	Back	0.406	0.594	0.536	0.942	1.000
LTE Band 25_Ant 0	Front	0.474	0.474	0.399	0.873	0.948
	Back	0.634	0.594	0.536	1.170	1.228
LTE Band 26_Ant 1	Front	0.314	0.474	0.399	0.713	0.788
	Back	0.454	0.594	0.536	0.990	1.048
LTE Band 30_Ant 0	Front	0.483	0.474	0.399	0.882	0.957
	Back	0.567	0.594	0.536	1.103	1.161
LTE Band 41_Ant 0	Front	0.230	0.474	0.399	0.629	0.704
	Back	0.327	0.594	0.536	0.863	0.921
LTE Band 48_Ant 2	Front	0.439	0.474	0.399	0.838	0.913
	Back	0.448	0.594	0.536	0.984	1.042
LTE Band 66_Ant 0	Front	0.367	0.474	0.399	0.766	0.841
	Back	0.529	0.594	0.536	1.065	1.123
LTE Band 71_Ant 1	Front	0.173	0.474	0.399	0.572	0.647
	Back	0.198	0.594	0.536	0.734	0.792
FR1 n5_Ant 1	Front	0.180	0.474	0.399	0.579	0.654
	Back	0.233	0.594	0.536	0.769	0.827
FR1 n7_Ant 0	Front	0.407	0.474	0.399	0.806	0.881
	Back	0.266	0.594	0.536	0.802	0.860
FR1 n12_Ant 1	Front	0.141	0.474	0.399	0.540	0.615
	Back	0.183	0.594	0.536	0.719	0.777
FR1 n25_Ant 0	Front	0.545	0.474	0.399	0.944	1.019
	Back	0.799	0.594	0.536	1.335	1.393
FR1 n30_Ant 0	Front	0.403	0.474	0.399	0.802	0.877
	Back	0.456	0.594	0.536	0.992	1.050
FR1 n41_Ant 1	Front	0.667	0.474	0.399	1.066	1.141
	Back	0.723	0.594	0.536	1.259	1.317
FR1 n66_Ant 0	Front	0.429	0.474	0.399	0.828	0.903
	Back	0.553	0.594	0.536	1.089	1.147
FR1 n71_Ant 1	Front	0.185	0.474	0.399	0.584	0.659
	Back	0.230	0.594	0.536	0.766	0.824
FR1 n77_Ant 2	Front	0.734	0.474	0.399	1.133	1.208
	Back	0.633	0.594	0.536	1.169	1.227



<WWAN Index 6, WLAN Index 7>

WWAN Band	Exposure Position	1	2	3	1+3 Summed 1g SAR (W/kg)	1+2 Summed 1g SAR (W/kg)
		WWAN 1g SAR (W/kg)	2.4GHz WLAN Ant 4+3 1g SAR (W/kg)	5/6GHz WLAN Ant 4+3 1g SAR (W/kg)		
GSM850_Ant 0	Front	0.550	0.474	0.399	0.949	1.024
	Back	0.429	0.594	0.536	0.965	1.023
GSM1900_Ant 2	Front	0.853	0.474	0.399	1.252	1.327
	Back	0.908	0.594	0.536	1.444	1.502
WCDMA II_Ant 2	Front	0.758	0.474	0.399	1.157	1.232
	Back	0.889	0.594	0.536	1.425	1.483
WCDMA IV_Ant 2	Front	0.741	0.474	0.399	1.140	1.215
	Back	0.877	0.594	0.536	1.413	1.471
WCDMA V_Ant 0	Front	0.281	0.474	0.399	0.680	0.755
	Back	0.190	0.594	0.536	0.726	0.784
LTE Band 7_Ant 2	Front	0.708	0.474	0.399	1.107	1.182
	Back	0.908	0.594	0.536	1.444	1.502
LTE Band 12_Ant 0	Front	0.294	0.474	0.399	0.693	0.768
	Back	0.312	0.594	0.536	0.848	0.906
LTE Band 13_Ant 0	Front	0.386	0.474	0.399	0.785	0.860
	Back	0.382	0.594	0.536	0.918	0.976
LTE Band 14_Ant 0	Front	0.385	0.474	0.399	0.784	0.859
	Back	0.367	0.594	0.536	0.903	0.961
LTE Band 25_Ant 2	Front	0.858	0.474	0.399	1.257	1.332
	Back	0.908	0.594	0.536	1.444	1.502
LTE Band 26_Ant 0	Front	0.311	0.474	0.399	0.710	0.785
	Back	0.329	0.594	0.536	0.865	0.923
LTE Band 30_Ant 2	Front	0.752	0.474	0.399	1.151	1.226
	Back	0.863	0.594	0.536	1.399	1.457
LTE Band 41_Ant 2	Front	0.799	0.474	0.399	1.198	1.273
	Back	0.884	0.594	0.536	1.420	1.478
LTE Band 48_Ant 6	Front	0.506	0.474	0.399	0.905	0.980
	Back	0.517	0.594	0.536	1.053	1.111
LTE Band 66_Ant 2	Front	0.786	0.474	0.399	1.185	1.260
	Back	0.811	0.594	0.536	1.347	1.405
LTE Band 71_Ant 0	Front	0.341	0.474	0.399	0.740	0.815
	Back	0.333	0.594	0.536	0.869	0.927
FR1 n5_Ant 0	Front	0.258	0.474	0.399	0.657	0.732
	Back	0.230	0.594	0.536	0.766	0.824
FR1 n7_Ant 2	Front	0.680	0.474	0.399	1.079	1.154
	Back	0.909	0.594	0.536	1.445	1.503
FR1 n12_Ant 0	Front	0.316	0.474	0.399	0.715	0.790
	Back	0.293	0.594	0.536	0.829	0.887
FR1 n25_Ant 2	Front	0.775	0.474	0.399	1.174	1.249
	Back	0.910	0.594	0.536	1.446	1.504
FR1 n30_Ant 2	Front	0.710	0.474	0.399	1.109	1.184
	Back	0.906	0.594	0.536	1.442	1.500
FR1 n41 PC2_Ant 5	Front	0.505	0.474	0.399	0.904	0.979
	Back	0.632	0.594	0.536	1.168	1.226
FR1 n66_Ant 2	Front	0.766	0.474	0.399	1.165	1.240
	Back	0.821	0.594	0.536	1.357	1.415
FR1 n71_Ant 0	Front	0.225	0.474	0.399	0.624	0.699
	Back	0.215	0.594	0.536	0.751	0.809
FR1 n77_Ant 6	Front	0.719	0.474	0.399	1.118	1.193
	Back	0.685	0.594	0.536	1.221	1.279



<WWAN Index 6, WLAN Index 9, BT Index 4>

WWAN Band	Exposure Position	1	3	4	5	6	1+3+4	1+3+5	1+3+6	1+3	1+4	1+5	1+6
		WWAN 1g SAR (W/kg)	5/6GHz WLAN Ant 4+3 1g SAR (W/kg)	Bluetooth Ant 4 1g SAR (W/kg)	Bluetooth Ant 3 1g SAR (W/kg)	Bluetooth Ant 4+3 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)
GSM850_Ant 1	Front	0.363	0.289	0.091	0.141	0.152	0.743	0.793	0.804	0.652	0.454	0.504	0.515
	Back	0.818	0.431	0.113	0.149	0.203	1.362	1.398	1.452	1.249	0.931	0.967	1.021
GSM1900_Ant 0	Front	0.701	0.289	0.091	0.141	0.152	1.081	1.131	1.142	0.990	0.792	0.842	0.853
	Back	0.894	0.431	0.113	0.149	0.203	1.438	1.474	1.528	1.325	1.007	1.043	1.097
WCDMA II_Ant 0	Front	0.590	0.289	0.091	0.141	0.152	0.970	1.020	1.031	0.879	0.681	0.731	0.742
	Back	0.907	0.431	0.113	0.149	0.203	1.451	1.487	1.541	1.338	1.020	1.056	1.110
WCDMA IV_Ant 0	Front	0.504	0.289	0.091	0.141	0.152	0.884	0.934	0.945	0.793	0.595	0.645	0.656
	Back	0.585	0.431	0.113	0.149	0.203	1.129	1.165	1.219	1.016	0.698	0.734	0.788
WCDMA V_Ant 1	Front	0.243	0.289	0.091	0.141	0.152	0.623	0.673	0.684	0.532	0.334	0.384	0.395
	Back	0.377	0.431	0.113	0.149	0.203	0.921	0.957	1.011	0.808	0.490	0.526	0.580
LTE Band 7_Ant 0	Front	0.426	0.289	0.091	0.141	0.152	0.806	0.856	0.867	0.715	0.517	0.567	0.578
	Back	0.500	0.431	0.113	0.149	0.203	1.044	1.080	1.134	0.931	0.613	0.649	0.703
LTE Band 12_Ant 1	Front	0.179	0.289	0.091	0.141	0.152	0.559	0.609	0.620	0.468	0.270	0.320	0.331
	Back	0.233	0.431	0.113	0.149	0.203	0.777	0.813	0.867	0.664	0.346	0.382	0.436
LTE Band 13_Ant 1	Front	0.267	0.289	0.091	0.141	0.152	0.647	0.697	0.708	0.556	0.358	0.408	0.419
	Back	0.332	0.431	0.113	0.149	0.203	0.876	0.912	0.966	0.763	0.445	0.481	0.535
LTE Band 14_Ant 1	Front	0.311	0.289	0.091	0.141	0.152	0.691	0.741	0.752	0.600	0.402	0.452	0.463
	Back	0.406	0.431	0.113	0.149	0.203	0.950	0.986	1.040	0.837	0.519	0.555	0.609
LTE Band 25_Ant 0	Front	0.474	0.289	0.091	0.141	0.152	0.854	0.904	0.915	0.763	0.565	0.615	0.626
	Back	0.634	0.431	0.113	0.149	0.203	1.178	1.214	1.268	1.065	0.747	0.783	0.837
LTE Band 26_Ant 1	Front	0.314	0.289	0.091	0.141	0.152	0.694	0.744	0.755	0.603	0.405	0.455	0.466
	Back	0.454	0.431	0.113	0.149	0.203	0.998	1.034	1.088	0.885	0.567	0.603	0.657
LTE Band 30_Ant 0	Front	0.483	0.289	0.091	0.141	0.152	0.863	0.913	0.924	0.772	0.574	0.624	0.635
	Back	0.567	0.431	0.113	0.149	0.203	1.111	1.147	1.201	0.998	0.680	0.716	0.770
LTE Band 41_Ant 0	Front	0.230	0.289	0.091	0.141	0.152	0.610	0.660	0.671	0.519	0.321	0.371	0.382
	Back	0.327	0.431	0.113	0.149	0.203	0.871	0.907	0.961	0.758	0.440	0.476	0.530
LTE Band 48_Ant 2	Front	0.439	0.289	0.091	0.141	0.152	0.819	0.869	0.880	0.728	0.530	0.580	0.591
	Back	0.448	0.431	0.113	0.149	0.203	0.992	1.028	1.082	0.879	0.561	0.597	0.651
LTE Band 66_Ant 0	Front	0.367	0.289	0.091	0.141	0.152	0.747	0.797	0.808	0.656	0.458	0.508	0.519
	Back	0.529	0.431	0.113	0.149	0.203	1.073	1.109	1.163	0.960	0.642	0.678	0.732
LTE Band 71_Ant 1	Front	0.173	0.289	0.091	0.141	0.152	0.553	0.603	0.614	0.462	0.264	0.314	0.325
	Back	0.198	0.431	0.113	0.149	0.203	0.742	0.778	0.832	0.629	0.311	0.347	0.401
FR1 n5_Ant 1	Front	0.180	0.289	0.091	0.141	0.152	0.560	0.610	0.621	0.469	0.271	0.321	0.332
	Back	0.233	0.431	0.113	0.149	0.203	0.777	0.813	0.867	0.664	0.346	0.382	0.436
FR1 n7_Ant 0	Front	0.407	0.289	0.091	0.141	0.152	0.787	0.837	0.848	0.696	0.498	0.548	0.559
	Back	0.266	0.431	0.113	0.149	0.203	0.810	0.846	0.900	0.697	0.379	0.415	0.469
FR1 n12_Ant 1	Front	0.141	0.289	0.091	0.141	0.152	0.521	0.571	0.582	0.430	0.232	0.282	0.293
	Back	0.183	0.431	0.113	0.149	0.203	0.727	0.763	0.817	0.614	0.296	0.332	0.386
FR1 n25_Ant 0	Front	0.545	0.289	0.091	0.141	0.152	0.925	0.975	0.986	0.834	0.636	0.686	0.697
	Back	0.799	0.431	0.113	0.149	0.203	1.343	1.379	1.433	1.230	0.912	0.948	1.002
FR1 n30_Ant 0	Front	0.403	0.289	0.091	0.141	0.152	0.783	0.833	0.844	0.692	0.494	0.544	0.555
	Back	0.456	0.431	0.113	0.149	0.203	1.000	1.036	1.090	0.887	0.569	0.605	0.659
FR1 n41_Ant 1	Front	0.667	0.289	0.091	0.141	0.152	1.047	1.097	1.108	0.956	0.758	0.808	0.819
	Back	0.723	0.431	0.113	0.149	0.203	1.267	1.303	1.357	1.154	0.836	0.872	0.926
FR1 n66_Ant 0	Front	0.429	0.289	0.091	0.141	0.152	0.809	0.859	0.870	0.718	0.520	0.570	0.581
	Back	0.553	0.431	0.113	0.149	0.203	1.097	1.133	1.187	0.984	0.666	0.702	0.756
FR1 n71_Ant 1	Front	0.185	0.289	0.091	0.141	0.152	0.565	0.615	0.626	0.474	0.276	0.326	0.337
	Back	0.230	0.431	0.113	0.149	0.203	0.774	0.810	0.864	0.661	0.343	0.379	0.433
FR1 n77_Ant 2	Front	0.734	0.289	0.091	0.141	0.152	1.114	1.164	1.175	1.023	0.825	0.875	0.886
	Back	0.633	0.431	0.113	0.149	0.203	1.177	1.213	1.267	1.064	0.746	0.782	0.836



<WWAN Index 6, WLAN Index 9, BT Index 4>

WWAN Band	Exposure Position	1	3	4	5	6	1+3+4	1+3+5	1+3+6	1+3	1+4	1+5	1+6
		WWAN 1g SAR (W/kg)	5/6GHz WLAN Ant 4+3 1g SAR (W/kg)	Bluetooth Ant 4 1g SAR (W/kg)	Bluetooth Ant 3 1g SAR (W/kg)	Bluetooth Ant 4+3 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)
GSM850_Ant 0	Front	0.550	0.289	0.091	0.141	0.152	0.930	0.980	0.991	0.839	0.641	0.691	0.702
	Back	0.429	0.431	0.113	0.149	0.203	0.973	1.009	1.063	0.860	0.542	0.578	0.632
GSM1900_Ant 2	Front	0.853	0.289	0.091	0.141	0.152	1.233	1.283	1.294	1.142	0.944	0.994	1.005
	Back	0.908	0.431	0.113	0.149	0.203	1.452	1.488	1.542	1.339	1.021	1.057	1.111
WCDMA II_Ant 2	Front	0.758	0.289	0.091	0.141	0.152	1.138	1.188	1.199	1.047	0.849	0.899	0.910
	Back	0.889	0.431	0.113	0.149	0.203	1.433	1.469	1.523	1.320	1.002	1.038	1.092
WCDMA IV_Ant 2	Front	0.741	0.289	0.091	0.141	0.152	1.121	1.171	1.182	1.030	0.832	0.882	0.893
	Back	0.877	0.431	0.113	0.149	0.203	1.421	1.457	1.511	1.308	0.990	1.026	1.080
WCDMA V_Ant 0	Front	0.281	0.289	0.091	0.141	0.152	0.661	0.711	0.722	0.570	0.372	0.422	0.433
	Back	0.190	0.431	0.113	0.149	0.203	0.734	0.770	0.824	0.621	0.303	0.339	0.393
LTE Band 7_Ant 2	Front	0.708	0.289	0.091	0.141	0.152	1.088	1.138	1.149	0.997	0.799	0.849	0.860
	Back	0.908	0.431	0.113	0.149	0.203	1.452	1.488	1.542	1.339	1.021	1.057	1.111
LTE Band 12_Ant 0	Front	0.294	0.289	0.091	0.141	0.152	0.674	0.724	0.735	0.583	0.385	0.435	0.446
	Back	0.312	0.431	0.113	0.149	0.203	0.856	0.892	0.946	0.743	0.425	0.461	0.515
LTE Band 13_Ant 0	Front	0.386	0.289	0.091	0.141	0.152	0.766	0.816	0.827	0.675	0.477	0.527	0.538
	Back	0.382	0.431	0.113	0.149	0.203	0.926	0.962	1.016	0.813	0.495	0.531	0.585
LTE Band 14_Ant 0	Front	0.385	0.289	0.091	0.141	0.152	0.765	0.815	0.826	0.674	0.476	0.526	0.537
	Back	0.367	0.431	0.113	0.149	0.203	0.911	0.947	1.001	0.798	0.480	0.516	0.570
LTE Band 25_Ant 2	Front	0.858	0.289	0.091	0.141	0.152	1.238	1.288	1.299	1.147	0.949	0.999	1.010
	Back	0.908	0.431	0.113	0.149	0.203	1.452	1.488	1.542	1.339	1.021	1.057	1.111
LTE Band 26_Ant 0	Front	0.311	0.289	0.091	0.141	0.152	0.691	0.741	0.752	0.600	0.402	0.452	0.463
	Back	0.329	0.431	0.113	0.149	0.203	0.873	0.909	0.963	0.760	0.442	0.478	0.532
LTE Band 30_Ant 2	Front	0.752	0.289	0.091	0.141	0.152	1.132	1.182	1.193	1.041	0.843	0.893	0.904
	Back	0.863	0.431	0.113	0.149	0.203	1.407	1.443	1.497	1.294	0.976	1.012	1.066
LTE Band 41_Ant 2	Front	0.799	0.289	0.091	0.141	0.152	1.179	1.229	1.240	1.088	0.890	0.940	0.951
	Back	0.884	0.431	0.113	0.149	0.203	1.428	1.464	1.518	1.315	0.997	1.033	1.087
LTE Band 48_Ant 6	Front	0.506	0.289	0.091	0.141	0.152	0.886	0.936	0.947	0.795	0.597	0.647	0.658
	Back	0.517	0.431	0.113	0.149	0.203	1.061	1.097	1.151	0.948	0.630	0.666	0.720
LTE Band 66_Ant 2	Front	0.786	0.289	0.091	0.141	0.152	1.166	1.216	1.227	1.075	0.877	0.927	0.938
	Back	0.811	0.431	0.113	0.149	0.203	1.355	1.391	1.445	1.242	0.924	0.960	1.014
LTE Band 71_Ant 0	Front	0.341	0.289	0.091	0.141	0.152	0.721	0.771	0.782	0.630	0.432	0.482	0.493
	Back	0.333	0.431	0.113	0.149	0.203	0.877	0.913	0.967	0.764	0.446	0.482	0.536
FR1 n5_Ant 0	Front	0.258	0.289	0.091	0.141	0.152	0.638	0.688	0.699	0.547	0.349	0.399	0.410
	Back	0.230	0.431	0.113	0.149	0.203	0.774	0.810	0.864	0.661	0.343	0.379	0.433
FR1 n7_Ant 2	Front	0.680	0.289	0.091	0.141	0.152	1.060	1.110	1.121	0.969	0.771	0.821	0.832
	Back	0.909	0.431	0.113	0.149	0.203	1.453	1.489	1.543	1.340	1.022	1.058	1.112
FR1 n12_Ant 0	Front	0.316	0.289	0.091	0.141	0.152	0.696	0.746	0.757	0.605	0.407	0.457	0.468
	Back	0.293	0.431	0.113	0.149	0.203	0.837	0.873	0.927	0.724	0.406	0.442	0.496
FR1 n25_Ant 2	Front	0.775	0.289	0.091	0.141	0.152	1.155	1.205	1.216	1.064	0.866	0.916	0.927
	Back	0.910	0.431	0.113	0.149	0.203	1.454	1.490	1.544	1.341	1.023	1.059	1.113
FR1 n30_Ant 2	Front	0.710	0.289	0.091	0.141	0.152	1.090	1.140	1.151	0.999	0.801	0.851	0.862
	Back	0.906	0.431	0.113	0.149	0.203	1.450	1.486	1.540	1.337	1.019	1.055	1.109
FR1 n41 PC2_Ant 5	Front	0.505	0.289	0.091	0.141	0.152	0.885	0.935	0.946	0.794	0.596	0.646	0.657
	Back	0.632	0.431	0.113	0.149	0.203	1.176	1.212	1.266	1.063	0.745	0.781	0.835
FR1 n66_Ant 2	Front	0.766	0.289	0.091	0.141	0.152	1.146	1.196	1.207	1.055	0.857	0.907	0.918
	Back	0.821	0.431	0.113	0.149	0.203	1.365	1.401	1.455	1.252	0.934	0.970	1.024
FR1 n71_Ant 0	Front	0.225	0.289	0.091	0.141	0.152	0.605	0.655	0.666	0.514	0.316	0.366	0.377
	Back	0.215	0.431	0.113	0.149	0.203	0.759	0.795	0.849	0.646	0.328	0.364	0.418
FR1 n77_Ant 6	Front	0.719	0.289	0.091	0.141	0.152	1.099	1.149	1.160	1.008	0.810	0.860	0.871
	Back	0.685	0.431	0.113	0.149	0.203	1.229	1.265	1.319	1.116	0.798	0.834	0.888



<WWAN Index 6, BT Index 3>

WWAN Band	Exposure Position	1	4	5	6	1+4 Summed 1g SAR (W/kg)	1+5 Summed 1g SAR (W/kg)	1+6 Summed 1g SAR (W/kg)
		WWAN 1g SAR (W/kg)	Bluetooth Ant 4 1g SAR (W/kg)	Bluetooth Ant 3 1g SAR (W/kg)	Bluetooth Ant 4+3 1g SAR (W/kg)			
GSM850_Ant 1	Front	0.363	0.205	0.390	0.148	0.568	0.753	0.511
	Back	0.818	0.255	0.409	0.352	1.073	1.227	1.170
GSM1900_Ant 0	Front	0.701	0.205	0.390	0.148	0.906	1.091	0.849
	Back	0.894	0.255	0.409	0.352	1.149	1.303	1.246
WCDMA II_Ant 0	Front	0.590	0.205	0.390	0.148	0.795	0.980	0.738
	Back	0.907	0.255	0.409	0.352	1.162	1.316	1.259
WCDMA IV_Ant 0	Front	0.504	0.205	0.390	0.148	0.709	0.894	0.652
	Back	0.585	0.255	0.409	0.352	0.840	0.994	0.937
WCDMA V_Ant 1	Front	0.243	0.205	0.390	0.148	0.448	0.633	0.391
	Back	0.377	0.255	0.409	0.352	0.632	0.786	0.729
LTE Band 7_Ant 0	Front	0.426	0.205	0.390	0.148	0.631	0.816	0.574
	Back	0.500	0.255	0.409	0.352	0.755	0.909	0.852
LTE Band 12_Ant 1	Front	0.179	0.205	0.390	0.148	0.384	0.569	0.327
	Back	0.233	0.255	0.409	0.352	0.488	0.642	0.585
LTE Band 13_Ant 1	Front	0.267	0.205	0.390	0.148	0.472	0.657	0.415
	Back	0.332	0.255	0.409	0.352	0.587	0.741	0.684
LTE Band 14_Ant 1	Front	0.311	0.205	0.390	0.148	0.516	0.701	0.459
	Back	0.406	0.255	0.409	0.352	0.661	0.815	0.758
LTE Band 25_Ant 0	Front	0.474	0.205	0.390	0.148	0.679	0.864	0.622
	Back	0.634	0.255	0.409	0.352	0.889	1.043	0.986
LTE Band 26_Ant 1	Front	0.314	0.205	0.390	0.148	0.519	0.704	0.462
	Back	0.454	0.255	0.409	0.352	0.709	0.863	0.806
LTE Band 30_Ant 0	Front	0.483	0.205	0.390	0.148	0.688	0.873	0.631
	Back	0.567	0.255	0.409	0.352	0.822	0.976	0.919
LTE Band 41_Ant 0	Front	0.230	0.205	0.390	0.148	0.435	0.620	0.378
	Back	0.327	0.255	0.409	0.352	0.582	0.736	0.679
LTE Band 48_Ant 2	Front	0.439	0.205	0.390	0.148	0.644	0.829	0.587
	Back	0.448	0.255	0.409	0.352	0.703	0.857	0.800
LTE Band 66_Ant 0	Front	0.367	0.205	0.390	0.148	0.572	0.757	0.515
	Back	0.529	0.255	0.409	0.352	0.784	0.938	0.881
LTE Band 71_Ant 1	Front	0.173	0.205	0.390	0.148	0.378	0.563	0.321
	Back	0.198	0.255	0.409	0.352	0.453	0.607	0.550
FR1 n5_Ant 1	Front	0.180	0.205	0.390	0.148	0.385	0.570	0.328
	Back	0.233	0.255	0.409	0.352	0.488	0.642	0.585
FR1 n7_Ant 0	Front	0.407	0.205	0.390	0.148	0.612	0.797	0.555
	Back	0.266	0.255	0.409	0.352	0.521	0.675	0.618
FR1 n12_Ant 1	Front	0.141	0.205	0.390	0.148	0.346	0.531	0.289
	Back	0.183	0.255	0.409	0.352	0.438	0.592	0.535
FR1 n25_Ant 0	Front	0.545	0.205	0.390	0.148	0.750	0.935	0.693
	Back	0.799	0.255	0.409	0.352	1.054	1.208	1.151
FR1 n30_Ant 0	Front	0.403	0.205	0.390	0.148	0.608	0.793	0.551
	Back	0.456	0.255	0.409	0.352	0.711	0.865	0.808
FR1 n41_Ant 1	Front	0.667	0.205	0.390	0.148	0.872	1.057	0.815
	Back	0.723	0.255	0.409	0.352	0.978	1.132	1.075
FR1 n66_Ant 0	Front	0.429	0.205	0.390	0.148	0.634	0.819	0.577
	Back	0.553	0.255	0.409	0.352	0.808	0.962	0.905
FR1 n71_Ant 1	Front	0.185	0.205	0.390	0.148	0.390	0.575	0.333
	Back	0.230	0.255	0.409	0.352	0.485	0.639	0.582
FR1 n77_Ant 2	Front	0.734	0.205	0.390	0.148	0.939	1.124	0.882
	Back	0.633	0.255	0.409	0.352	0.888	1.042	0.985



<WWAN Index 6, BT Index 3>

WWAN Band	Exposure Position	1	4	5	6	1+4 Summed 1g SAR (W/kg)	1+5 Summed 1g SAR (W/kg)	1+6 Summed 1g SAR (W/kg)
		WWAN 1g SAR (W/kg)	Bluetooth Ant 4 1g SAR (W/kg)	Bluetooth Ant 3 1g SAR (W/kg)	Bluetooth Ant 4+3 1g SAR (W/kg)			
GSM850_Ant 0	Front	0.550	0.205	0.390	0.148	0.755	0.940	0.698
	Back	0.429	0.255	0.409	0.352	0.684	0.838	0.781
GSM1900_Ant 2	Front	0.853	0.205	0.390	0.148	1.058	1.243	1.001
	Back	0.908	0.255	0.409	0.352	1.163	1.317	1.260
WCDMA II_Ant 2	Front	0.758	0.205	0.390	0.148	0.963	1.148	0.906
	Back	0.889	0.255	0.409	0.352	1.144	1.298	1.241
WCDMA IV_Ant 2	Front	0.741	0.205	0.390	0.148	0.946	1.131	0.889
	Back	0.877	0.255	0.409	0.352	1.132	1.286	1.229
WCDMA V_Ant 0	Front	0.281	0.205	0.390	0.148	0.486	0.671	0.429
	Back	0.190	0.255	0.409	0.352	0.445	0.599	0.542
LTE Band 7_Ant 2	Front	0.708	0.205	0.390	0.148	0.913	1.098	0.856
	Back	0.908	0.255	0.409	0.352	1.163	1.317	1.260
LTE Band 12_Ant 0	Front	0.294	0.205	0.390	0.148	0.499	0.684	0.442
	Back	0.312	0.255	0.409	0.352	0.567	0.721	0.664
LTE Band 13_Ant 0	Front	0.386	0.205	0.390	0.148	0.591	0.776	0.534
	Back	0.382	0.255	0.409	0.352	0.637	0.791	0.734
LTE Band 14_Ant 0	Front	0.385	0.205	0.390	0.148	0.590	0.775	0.533
	Back	0.367	0.255	0.409	0.352	0.622	0.776	0.719
LTE Band 25_Ant 2	Front	0.858	0.205	0.390	0.148	1.063	1.248	1.006
	Back	0.908	0.255	0.409	0.352	1.163	1.317	1.260
LTE Band 26_Ant 0	Front	0.311	0.205	0.390	0.148	0.516	0.701	0.459
	Back	0.329	0.255	0.409	0.352	0.584	0.738	0.681
LTE Band 30_Ant 2	Front	0.752	0.205	0.390	0.148	0.957	1.142	0.900
	Back	0.863	0.255	0.409	0.352	1.118	1.272	1.215
LTE Band 41_Ant 2	Front	0.799	0.205	0.390	0.148	1.004	1.189	0.947
	Back	0.884	0.255	0.409	0.352	1.139	1.293	1.236
LTE Band 48_Ant 6	Front	0.506	0.205	0.390	0.148	0.711	0.896	0.654
	Back	0.517	0.255	0.409	0.352	0.772	0.926	0.869
LTE Band 66_Ant 2	Front	0.786	0.205	0.390	0.148	0.991	1.176	0.934
	Back	0.811	0.255	0.409	0.352	1.066	1.220	1.163
LTE Band 71_Ant 0	Front	0.341	0.205	0.390	0.148	0.546	0.731	0.489
	Back	0.333	0.255	0.409	0.352	0.588	0.742	0.685
FR1 n5_Ant 0	Front	0.258	0.205	0.390	0.148	0.463	0.648	0.406
	Back	0.230	0.255	0.409	0.352	0.485	0.639	0.582
FR1 n7_Ant 2	Front	0.680	0.205	0.390	0.148	0.885	1.070	0.828
	Back	0.909	0.255	0.409	0.352	1.164	1.318	1.261
FR1 n12_Ant 0	Front	0.316	0.205	0.390	0.148	0.521	0.706	0.464
	Back	0.293	0.255	0.409	0.352	0.548	0.702	0.645
FR1 n25_Ant 2	Front	0.775	0.205	0.390	0.148	0.980	1.165	0.923
	Back	0.910	0.255	0.409	0.352	1.165	1.319	1.262
FR1 n30_Ant 2	Front	0.710	0.205	0.390	0.148	0.915	1.100	0.858
	Back	0.906	0.255	0.409	0.352	1.161	1.315	1.258
FR1 n41 PC2_Ant 5	Front	0.505	0.205	0.390	0.148	0.710	0.895	0.653
	Back	0.632	0.255	0.409	0.352	0.887	1.041	0.984
FR1 n66_Ant 2	Front	0.766	0.205	0.390	0.148	0.971	1.156	0.914
	Back	0.821	0.255	0.409	0.352	1.076	1.230	1.173
FR1 n71_Ant 0	Front	0.225	0.205	0.390	0.148	0.430	0.615	0.373
	Back	0.215	0.255	0.409	0.352	0.470	0.624	0.567
FR1 n77_Ant 6	Front	0.719	0.205	0.390	0.148	0.924	1.109	0.867
	Back	0.685	0.255	0.409	0.352	0.940	1.094	1.037

16.5 Product Specific Exposure Conditions

WWAN Band	Exposure Position	1	2	1+2 Summed 10g SAR (W/kg)
		WWAN	5/6GHz WLAN Ant 4+3	
		10g SAR (W/kg)	10g SAR (W/kg)	
GSM1900_Ant 0 TX1	Front at 0mm		1.164	1.164
	Back at 0mm		0.764	0.764
	Left side at 0mm		1.713	1.713
	Right side at 10mm		0.715	0.715
	Top side at 0mm		0.797	0.797
	Bottom side at 0mm	0.951		0.951
WCDMA II_Ant 0 TX1	Front at 0mm		1.164	1.164
	Back at 0mm		0.764	0.764
	Left side at 0mm		1.713	1.713
	Right side at 10mm		0.715	0.715
	Top side at 0mm		0.797	0.797
	Bottom side at 0mm	0.999		0.999

WWAN Band	Exposure Position	1	2	1+2 Summed 10g SAR (W/kg)
		WWAN	5/6GHz WLAN Ant 4+3	
		10g SAR (W/kg)	10g SAR (W/kg)	
WCDMA II_Ant 2 TX0	Front at 0mm		1.164	1.164
	Back at 0mm		0.764	0.764
	Left side at 0mm		1.713	1.713
	Right side at 0mm		0.715	0.715
	Top side at 0mm		0.797	0.797
	Bottom side at 0mm	1.965		1.965
WCDMA IV_Ant 2 TX0	Front at 0mm		1.164	1.164
	Back at 0mm		0.764	0.764
	Left side at 0mm		1.713	1.713
	Right side at 0mm		0.715	0.715
	Top side at 0mm		0.797	0.797
	Bottom side at 0mm	2.544		2.544
LTE Band 7_Ant 2 TX0	Front at 0mm		1.164	1.164
	Back at 0mm		0.764	0.764
	Left side at 0mm		1.713	1.713
	Right side at 0mm		0.715	0.715
	Top side at 0mm		0.797	0.797
	Bottom side at 0mm	2.821		2.821
LTE Band 25_Ant 2 TX0	Front at 0mm		1.164	1.164
	Back at 0mm		0.764	0.764
	Left side at 0mm		1.713	1.713
	Right side at 0mm		0.715	0.715
	Top side at 0mm		0.797	0.797
	Bottom side at 0mm	2.046		2.046
LTE Band 30_Ant 2 TX0	Front at 0mm		1.164	1.164
	Back at 0mm		0.764	0.764
	Left side at 0mm		1.713	1.713
	Right side at 0mm		0.715	0.715
	Top side at 0mm		0.797	0.797
	Bottom side at 0mm	2.498		2.498
LTE Band 66_Ant 2 TX0	Front at 0mm		1.164	1.164
	Back at 0mm		0.764	0.764

	Left side at 0mm		1.713	1.713
	Right side at 0mm		0.715	0.715
	Top side at 0mm		0.797	0.797
	Bottom side at 0mm	2.478		2.478
FR1 n7_Ant 2 TX0	Front at 0mm		1.164	1.164
	Back at 0mm		0.764	0.764
	Left side at 0mm		1.713	1.713
	Right side at 0mm		0.715	0.715
	Top side at 0mm		0.797	0.797
	Bottom side at 0mm	2.485		2.485
FR1 n25_Ant 2 TX0	Front at 0mm		1.164	1.164
	Back at 0mm		0.764	0.764
	Left side at 0mm		1.713	1.713
	Right side at 0mm		0.715	0.715
	Top side at 0mm		0.797	0.797
	Bottom side at 0mm	1.834		1.834
FR1 n30_Ant 2 TX0	Front at 0mm		1.164	1.164
	Back at 0mm		0.764	0.764
	Left side at 0mm		1.713	1.713
	Right side at 0mm		0.715	0.715
	Top side at 0mm		0.797	0.797
	Bottom side at 0mm	2.416		2.416
FR1 n66_Ant 2 TX0	Front at 0mm		1.164	1.164
	Back at 0mm		0.764	0.764
	Left side at 0mm		1.713	1.713
	Right side at 0mm		0.715	0.715
	Top side at 0mm		0.797	0.797
	Bottom side at 0mm	2.810		2.810

17. Supplemental Antenna tuner tests results

General Note:

1. This device implements antenna tuning techniques in the several frequency band and list as below. SAR test proposal was measured according to the normally required SAR configurations with the tuner active and worst tune state (auto tune) was used for SAR testing and this design will provide the highest power at different user scenarios and would not influence to the antenna characteristics other than impedance matching.
2. The following test procedure was followed to demonstrate that the SAR results in this report represent 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.
3. Dynamic antenna tuning mechanism is available at Ant. 0 and for its <1GHz band, details are illustrated in the operational description. In this section, all supported tuning states for each band are tested and it's verified that auto-tune state results in the highest SAR
4. 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).

Antenna configuration	
Transmit switching diversity configuration	Support transmit antenna and band
TX 0	ANT 0: LTE B5/B12/B13/B14/B17/B26/B71

17.1 Supplemental Head SAR results

Head (Ant0) Power Index 2/3	RF exposure position						Average Value of Time Sweep singe-point SAR(W/kg)													
	Band	Mode	Channel	Test Position	Measured 1g SAR (W/kg)	Single-point SAR Auto-Tune (State)														
	LTE Band 5	10M_QPSK_1_0	M	20525	Left Cheek	0.318	0.330	1	2	3	4	5	6	7	8	9	10	11	12	13
							0.258	0.267	0.263	0.265	0.294	0.316	0.329	0.261	0.320	0.245	0.247	0.249	0.281	0.305
							15	16	17	18	19	20	21	22	23	24				
							0.309	0.245	0.253	0.310	0.247	0.253	0.297	0.252	0.308	0.307				
LTE Band 12	10M_QPSK_1_0	M	23095	Left Cheek	0.250	0.282	1	2	3	4	5	6	7	8	9	10	11	12	13	14
							0.260	0.262	0.269	0.260	0.247	0.270	0.208	0.270	0.282	0.275	0.271	0.273	0.280	0.268
							15	16	17	18	19	20	21	22						
							0.271	0.220	0.242	0.243	0.247	0.256	0.263	0.214						
LTE Band 13	10M_QPSK_1_0	M	23230	Left Cheek	0.275	0.313	1	2	3	4	5	6	7	8	9	10	11	12	13	14
							0.244	0.285	0.249	0.297	0.309	0.263	0.249	0.239	0.299	0.247	0.289	0.254	0.294	0.307
							15	16	17	18	19	20	21	22	23	24	25	26	27	
							0.265	0.254	0.248	0.309	0.248	0.288	0.253	0.292	0.298	0.258	0.251	0.247	0.300	
LTE Band 14	10M_QPSK_1_0	M	23330	Left Cheek	0.293	0.348	1	2	3	4	5	6	7	8	9	10	11	12	13	14
							0.265	0.268	0.272	0.314	0.307	0.293	0.314	0.285	0.286	0.291	0.336	0.327	0.315	0.337
							15	16	17	18	19	20	21							
							0.271	0.276	0.281	0.324	0.316	0.303	0.325							
LTE Band 17	10M_QPSK_1_0	M	23790	Left Cheek	0.293	0.323	1	2	3	4	5	6	7	8	9	10	11	12	13	14
							0.279	0.282	0.284	0.282	0.300	0.291	0.291	0.238	0.280	0.285	0.300	0.284	0.302	0.303
							15	16	17	18	19	20	21	22	23	24	25	26		
							0.214	0.275	0.279	0.283	0.298	0.300	0.294	0.288	0.282	0.297	0.280	0.258		
LTE Band 26	15M_QPSK_1_0	M	26865	Left Cheek	0.258	0.323	1	2	3	4	5	6	7	8	9	10	11	12	13	14
							0.254	0.256	0.286	0.257	0.294	0.269	0.311	0.312	0.263	0.308	0.266	0.254	0.255	0.306
							15	16	17	18	19	20	21	22						
							0.307	0.262	0.272	0.281	0.277	0.274	0.309	0.301						
LTE Band 71	20M_QPSK_1_0	M	133322	Left Cheek	0.238	0.287	1	2	3	4	5	6	7	8	9	10	11	12	13	14
							0.254	0.246	0.258	0.284	0.258	0.255	0.242	0.245	0.243	0.263	0.259	0.269	0.258	0.246
							15	16	17	18	19	20	21	22	23					
							0.272	0.236	0.245	0.239	0.265	0.199	0.240	0.264	0.266					



17.2 Supplemental Body SAR results

Body (Ant0) Power Index 4	RF exposure position						Average Value of Time Sweep single-point SAR(W/kg)													
	Band	Mode	Channel	Test Position	Measured 1g SAR (W/kg)	Single-point SAR Auto-Tune (State)														
							1	2	3	4	5	6	7	8	9	10	11	12	13	14
LTE Band 5	10M_QPSK_1_0	M	20525	Left Side	0.410	0.452	0.348	0.357	0.355	0.353	0.381	0.407	0.409	0.350	0.395	0.349	0.354	0.352	0.392	0.411
							15	16	17	18	19	20	21	22	23	24				
							0.420	0.353	0.357	0.413	0.350	0.355	0.404	0.352	0.411	0.409				
LTE Band 12	10M_QPSK_1_0	M	23095	Left Side	0.438	0.489	1	2	3	4	5	6	7	8	9	10	11	12	13	14
							0.441	0.444	0.455	0.453	0.424	0.388	0.399	0.339	0.431	0.452	0.436	0.460	0.465	0.457
							15	16	17	18	19	20	21	22						
LTE Band 13	10M_QPSK_1_0	M	23230	Left Side	0.384	0.435	1	2	3	4	5	6	7	8	9	10	11	12	13	14
							0.381	0.360	0.366	0.415	0.424	0.378	0.373	0.361	0.419	0.361	0.413	0.373	0.412	0.419
							15	16	17	18	19	20	21	22						
LTE Band 14	10M_QPSK_1_0	M	23330	Left Side	0.380	0.427	1	2	3	4	5	6	7	8	9	10	11	12	13	14
							0.358	0.360	0.366	0.409	0.405	0.390	0.410	0.350	0.353	0.365	0.406	0.396	0.383	0.411
							15	16	17	18	19	20	21							
LTE Band 17	10M_QPSK_1_0	M	23790	Left Side	0.576	0.635	1	2	3	4	5	6	7	8	9	10	11	12	13	14
							0.554	0.551	0.562	0.560	0.588	0.571	0.574	0.465	0.555	0.562	0.585	0.560	0.583	0.599
							15	16	17	18	19	20	21	22	23	24	25	26		
LTE Band 26	15M_QPSK_1_0	M	26865	Left Side	0.395	0.469	1	2	3	4	5	6	7	8	9	10	11	12	13	14
							0.377	0.377	0.414	0.380	0.425	0.394	0.439	0.440	0.383	0.436	0.389	0.380	0.384	0.441
							15	16	17	18	19	20	21	22						
LTE Band 71	20M_QPSK_1_0	M	133322	Left Side	0.403	0.458	1	2	3	4	5	6	7	8	9	10	11	12	13	14
							0.447	0.450	0.446	0.459	0.453	0.446	0.424	0.422	0.421	0.438	0.434	0.442	0.435	0.423
							15	16	17	18	19	20	21	22	23					
							0.436	0.419	0.428	0.422	0.438	0.398	0.428	0.425	0.431					

Test Engineer : Kevin Guo, Murphy Lee, Ray Sun, Charles Shen, Chris Yang, Jeff Tsao, Ginger Chiang, Jerry Hsu, Wilson Lin, Luke Lee, Willy Yu, White Huang, Tommy Chen, Shane Song, Jordar Jhuang, Max Jhuang and Kells Chen

18. 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.

Declaration of Conformity:

The test results with all measurement uncertainty excluded is presented in accordance with the regulation limits or requirements declared by manufacturers.

Comments and Explanations:

The declared of product specification for EUT presented in the report are provided by the manufacturer, and the manufacturer takes all the responsibilities for the accuracy of product specification.

19. 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 248227 D01 v02r02, "SAR Guidance for IEEE 802.11 (WiFi) Transmitters", Oct 2015.
- [6] FCC KDB 447498 D01 v06, "Mobile and Portable Device RF Exposure Procedures and Equipment Authorization Policies", Oct 2015
- [7] FCC KDB 648474 D04 v01r03, "SAR Evaluation Considerations for Wireless Handsets", Oct 2015.
- [8] FCC KDB 941225 D01 v03r01, "3G SAR MEAUREMENT PROCEDURES", Oct 2015
- [9] FCC KDB 941225 D05 v02r05, "SAR Evaluation Considerations for LTE Devices", Dec 2015
- [10] FCC KDB 941225 D05A v01r02, "Rel. 10 LTE SAR Test Guidance and KDB Inquiries", Oct 2015
- [11] FCC KDB 941225 D06 v02r01, "SAR Evaluation Procedures for Portable Devices with Wireless Router Capabilities", Oct 2015.
- [12] FCC KDB 941225 D07 v01r02, " SAR Evaluation Procedures for UMPC Mini-Tablet Devices", Oct 2015.
- [13] FCC KDB 865664 D01 v01r04, "SAR Measurement Requirements for 100 MHz to 6 GHz", Aug 2015.
- [14] FCC KDB 865664 D02 v01r02, "RF Exposure Compliance Reporting and Documentation Considerations" Oct 2015.



Appendix A. Plots of System Performance Check

The plots are shown as follows.



Appendix B. Plots of SAR Measurement

The plots are shown as follows.



Appendix C. DASY Calibration Certificate

The DASY calibration certificates are shown as follows.