



Appendix D. Simultaneous Transmission analysis

1. Analysis for mmWave antenna module 0

<For Head Exposure condition>

<Phone WWAN Tx On>

Head		Reported SAR				Report SAR (Mod)				Power Density	Reported SAR/1.6 + PD/10 Summation										Single Point SAR Value from Power Density Location								Single Point SAR from Power Density Location Summation (Peak SAR/1.6 + PD/10)								
WWAN Band	Exposure Position	1	2	3	4	5	7	8	10	11	1+2+5+11 Summation	1+2+7+11 Summation	1+2+8+11 Summation	1+2+10+11 Summation	1+3+5+11 Summation	1+3+7+11 Summation	1+3+8+11 Summation	1+3+10+11 Summation	1+4+5+11 Summation	1+4+7+11 Summation	1+4+8+11 Summation	1+4+10+11 Summation	1	2	3	4	5	7	8	10	1+2+5+11 Summation	1+3+5+11 Summation	1+3+7+11 Summation	1+3+8+11 Summation	1+3+10+11 Summation	1+4+5+11 Summation	
		WWAN	2.4GHz WLAN Ant 1	5GHz WLAN Ant 1	Bluetooth Ant 1	LTE B2 (MOD)	LTE B5 (MOD)	LTE B13(MOD)	LTE B66(MOD)	PD													WWAN	2.4GHz WLAN Ant 1	5GHz WLAN Ant 1	Bluetooth Ant 1	LTE B2 (MOD)	LTE B5 (MOD)	LTE B13(MOD)	LTE B66(MOD)							
		1g SAR (W/kg)	1g SAR (W/kg)	1g SAR (W/kg)	Estimated 1g SAR (W/kg)	1g SAR (W/kg)	1g SAR (W/kg)	1g SAR (W/kg)	1g SAR (W/kg)	4cm^2(W/m^2)													1g SAR (W/kg)	1g SAR (W/kg)	1g SAR (W/kg)	Estimated 1g SAR (W/kg)	1g SAR (W/kg)	1g SAR (W/kg)	1g SAR (W/kg)	1g SAR (W/kg)							
CDMA	CDMA2000 BC0	Right Cheek	0.354	0.469	1.113	0.438	0.306	0.190	0.160	0.168	0.490	0.755	0.682	0.663	0.668	1.157	1.085	1.066	1.071	0.735	0.663	0.644	0.649	0.103	0.004	0.000		0.034	0.039	0.027	0.035		0.135	0.138	0.130	0.135	
		Right Tilted	0.189	0.306	0.675	0.438	0.189	0.108	0.101	0.087	0.490	0.477	0.426	0.422	0.413	0.707	0.657	0.652	0.643	0.559	0.508	0.504	0.495														
		Left Cheek	0.469	0.111	0.259	0.438	0.104	0.122	0.112	0.072	0.490	0.477	0.488	0.482	0.457	0.569	0.580	0.574	0.549	0.681	0.692	0.686	0.661														
		Left Tilted	0.204	0.120	0.266	0.438	0.057	0.087	0.070	0.057	0.490	0.287	0.306	0.295	0.287	0.378	0.397	0.387	0.378	0.486	0.505	0.494	0.486														
	CDMA2000 BC1	Right Cheek	0.289	0.469	1.113	0.438	0.306	0.190	0.160	0.168	0.490	0.714	0.642	0.623	0.628	1.117	1.044	1.025	1.030	0.695	0.622	0.603	0.608	0.068	0.004	0.000		0.034	0.039	0.027	0.035		0.113	0.116	0.108	0.113	
		Right Tilted	0.109	0.306	0.675	0.438	0.189	0.108	0.101	0.087	0.490	0.427	0.376	0.372	0.363	0.657	0.607	0.602	0.593	0.509	0.458	0.454	0.445														
		Left Cheek	0.217	0.111	0.259	0.438	0.104	0.122	0.112	0.072	0.490	0.319	0.330	0.324	0.299	0.412	0.423	0.417	0.392	0.523	0.535	0.528	0.503														
		Left Tilted	0.170	0.120	0.266	0.438	0.057	0.087	0.070	0.057	0.490	0.266	0.285	0.274	0.266	0.357	0.376	0.365	0.357	0.465	0.483	0.473	0.465														
LTE	LTE Band 2	Right Cheek	0.316	0.469	1.113	0.438	0.306	0.190	0.160	0.168	0.490	0.731	0.658	0.640	0.645	1.133	1.061	1.042	1.047	0.712	0.639	0.620	0.625	0.066	0.004	0.000		0.034	0.039	0.027	0.035		0.112	0.115	0.107	0.112	
		Right Tilted	0.114	0.306	0.675	0.438	0.189	0.108	0.101	0.087	0.490	0.430	0.379	0.375	0.366	0.660	0.610	0.605	0.597	0.512	0.462	0.457	0.448														
		Left Cheek	0.256	0.111	0.259	0.438	0.104	0.122	0.112	0.072	0.490	0.343	0.355	0.348	0.323	0.436	0.447	0.441	0.416	0.548	0.559	0.553	0.528														
		Left Tilted	0.202	0.120	0.266	0.438	0.057	0.087	0.070	0.057	0.490	0.286	0.305	0.294	0.286	0.377	0.396	0.385	0.377	0.485	0.503	0.493	0.485														
	LTE Band 5	Right Cheek	0.263	0.469	1.113	0.438	0.306	0.190	0.160	0.168	0.490	0.698	0.625	0.607	0.612	1.100	1.028	1.009	1.014	0.678	0.606	0.587	0.592	0.074	0.004	0.000		0.034	0.039	0.027	0.035		0.117	0.120	0.112	0.117	
		Right Tilted	0.135	0.306	0.675	0.438	0.189	0.108	0.101	0.087	0.490	0.443	0.392	0.388	0.379	0.673	0.623	0.618	0.610	0.525	0.475	0.470	0.462														
		Left Cheek	0.326	0.111	0.259	0.438	0.104	0.122	0.112	0.072	0.490	0.387	0.398	0.392	0.367	0.480	0.491	0.485	0.460	0.592	0.603	0.597	0.572														
		Left Tilted	0.159	0.120	0.266	0.438	0.057	0.087	0.070	0.057	0.490	0.259	0.278	0.267	0.259	0.350	0.369	0.358	0.350	0.458	0.477	0.466	0.458														
	LTE Band 7	Right Cheek	0.788	0.469	1.113	0.438	0.306	0.190	0.160	0.168	0.490	1.026	0.953	0.935	0.940	1.428	1.356	1.337	1.342	0.934	0.915	0.920	0.920	0.022	0.004	0.000	0.002	0.034	0.039	0.027	0.035	0.087	0.084	0.087	0.080	0.085	0.085
		Right Tilted	0.299	0.306	0.675	0.438	0.189	0.108	0.101	0.087	0.490	0.545	0.495	0.490	0.482	0.776	0.725	0.721	0.712	0.628	0.577	0.573	0.564														
		Left Cheek	0.427	0.111	0.259	0.438	0.104	0.122	0.112	0.072	0.490	0.450	0.462	0.455	0.430	0.543	0.554	0.548	0.523	0.655	0.666	0.660	0.635														
		Left Tilted	0.306	0.120	0.266	0.438	0.057	0.087	0.070	0.057	0.490	0.351	0.370	0.359	0.351	0.442	0.461	0.450	0.442	0.550	0.568	0.558	0.550														
	LTE Band 13	Right Cheek	0.227	0.469	1.113	0.438	0.306	0.190	0.160	0.168	0.490	0.675	0.603	0.584	0.589	1.078	1.005	0.987	0.992	0.656	0.583	0.565	0.570	0.057	0.004	0.000		0.034	0.039	0.027	0.035		0.106	0.109			
		Right Tilted	0.132	0.306	0.675	0.438	0.189	0.108	0.101	0.087	0.490	0.441	0.390	0.386	0.377	0.672	0.621	0.617	0.608	0.523	0.473	0.468	0.460														
		Left Cheek	0.262	0.111	0.259	0.438	0.104	0.122	0.112	0.072	0.490	0.347	0.358	0.352	0.327	0.440	0.451	0.445	0.420	0.552	0.563	0.557	0.532														
		Left Tilted	0.136	0.120	0.266	0.438	0.057	0.087	0.070	0.057	0.490	0.245	0.263	0.253	0.245	0.336	0.355	0.344	0.336	0.443	0.462	0.452	0.443														
	LTE Band 66	Right Cheek	0.570	0.469	1.113	0.438	0.306	0.190	0.160	0.168	0.490	0.890	0.817	0.798	0.803	1.292	1.220	1.201	1.206	0.870	0.798	0.779	0.784	0.092	0.004	0.000		0.034	0.039	0.027	0.035		0.128	0.131	0.123	0.128	
		Right Tilted	0.175	0.306	0.675	0.438	0.189	0.108	0.101	0.087	0.490	0.468	0.417	0.413	0.404	0.698	0.648	0.643	0.635	0.550	0.500	0.495	0.487														
		Left Cheek	0.348	0.111	0.259	0.438	0.104	0.122	0.112	0.072	0.490	0.401	0.412	0.406	0.381	0.493	0.505	0.498	0.473	0.605	0.617	0.610	0.585														
		Left Tilted	0.217	0.120	0.266	0.438	0.057	0.087	0.070	0.057	0.490	0.295	0.314	0.303	0.295	0.387	0.405	0.395	0.387	0.494	0.513	0.502	0.494														

<Phone WWAN Tx Off>

Head	Reported SAR			Report SAR (Mod)				Power Density	Reported SAR/1.6 + PD/10 Summation											
Exposure Position	2	3	4	5	7	8	10	11	2+5+11 Summation	2+7+11 Summation	2+8+11 Summation	2+10+11 Summation	3+5+11 Summation	3+7+11 Summation	3+8+11 Summation	3+10+11 Summation	4+5+11 Summation	4+7+11 Summation	4+8+11 Summation	4+10+11 Summation
	2.4GHz WLAN Ant 1	5GHz WLAN Ant 1	Bluetooth Ant 1	LTE B2 (MOD)	LTE B5 (MOD)	LTE B13(MOD)	LTE B66(MOD)	PD												
	1g SAR (W/kg)	1g SAR (W/kg)	Estimated 1g SAR (W/kg)	1g SAR (W/kg)	1g SAR (W/kg)	1g SAR (W/kg)	1g SAR (W/kg)	4cm*2(W/m*2)												
Right Cheek	0.469	1.113	0.438	0.306	0.190	0.160	0.168	0.490	0.533	0.461	0.442	0.447	0.936	0.863	0.845	0.850	0.514	0.442	0.423	0.428
Right Tilted	0.306	0.675	0.438	0.189	0.108	0.101	0.087	0.490	0.358	0.308	0.303	0.295	0.589	0.538	0.534	0.525	0.441	0.390	0.386	0.377
Left Cheek	0.111	0.259	0.438	0.104	0.122	0.112	0.072	0.490	0.183	0.195	0.188	0.163	0.276	0.287	0.281	0.256	0.388	0.399	0.393	0.368
Left Tilted	0.120	0.266	0.438	0.057	0.087	0.070	0.057	0.490	0.160	0.178	0.168	0.160	0.251	0.270	0.259	0.251	0.358	0.377	0.367	0.358



RF EXPOSURE EVALUATION REPORT

Report No.: FA890514-01

<For Hotspot Exposure condition>

<Phone WWAN Tx On>

Hotspot		Reported SAR				Report SAR (Mod)				Power Density	Reported SAR/1.6 + PD/10 Summation												Single Point SAR Value from Power Density Location								Single Point SAR from Power Density Location Summation (Peak SAR/1.6 + PD/10)																
		1	2	3	4	5	7	8	10		1+2+5+11 summation	1+2+7+11 summation	1+2+9+11 summation	1+2+10+11 summation	1+3+5+11 summation	1+3+7+11 summation	1+3+9+11 summation	1+3+10+11 summation	1+4+5+11 summation	1+4+7+11 summation	1+4+9+11 summation	1+4+10+11 summation	1	2	3	4	5	7	8	10	1+2+5+11 Summation	1+2+7+11 Summation	1+2+9+11 Summation	1+2+10+11 Summation	1+3+5+11 Summation	1+3+7+11 Summation	1+3+9+11 Summation	1+3+10+11 Summation	1+4+5+11 Summation	1+4+7+11 Summation	1+4+9+11 Summation	1+4+10+11 Summation					
WWAN Band	Exposure Position	WWAN	2.4GHz WLAN Ant 1	5GHz WLAN Ant 1	Bluetooth Ant 1	LTE B2 (MOD)	LTE B5 (MOD)	LTE B13(MOD)	LTE B66(MOD)	PD													WWAN	2.4GHz WLAN Ant 1	5GHz WLAN Ant 1	Bluetooth Ant 1	LTE B2 (MOD)	LTE B5 (MOD)	LTE B13(MOD)	LTE B66(MOD)																	
		1q SAR (W/kg)	1q SAR (W/kg)	1q SAR (W/kg)	Estimated 1q SAR (W/kg)	1q SAR (W/kg)	1q SAR (W/kg)	1q SAR (W/kg)	1q SAR (W/kg)	4cm²·2(W/m²)													1q SAR (W/kg)	1q SAR (W/kg)	1q SAR (W/kg)	Estimated 1q SAR (W/kg)	1q SAR (W/kg)	1q SAR (W/kg)	1q SAR (W/kg)	1q SAR (W/kg)																	
CDMA	CDMA2000 BC0	Front	0.564	0.282	0.513	0.220	0.203	0.095	0.129	0.137	0.490	0.705	0.637	0.658	0.663	0.849	0.782	0.803	0.808	0.666	0.598	0.620	0.625																								
		Back	0.222	0.047	0.136	0.050	1.381	0.908	1.383	1.266	5.640	1.595	1.300	1.597	1.523	1.651	1.355	1.052	1.579	1.597	1.302	1.598	1.525	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.564	0.564	0.564	0.564	0.564	0.564	0.564	0.564	0.564	0.564	0.564	0.564	0.564	0.564	0.564	0.564
		Left side	0.314	0.384	0.912	0.353	0.501	0.282	0.595	0.472	1.690	0.918	0.782	0.977	0.900	1.248	1.112	1.307	1.230	0.899	0.762	0.958	0.881	0.000	0.000	0.000	0.000	0.000	0.000	0.012	0.000					0.169	0.169	0.177	0.169								
		Right side	0.158								0.376	0.136	0.136	0.136	0.136	0.136	0.136	0.136	0.136	0.136	0.136	0.136																									
		Top side		0.088	0.396	0.353	0.026	0.060	0.045	0.150		0.071	0.093	0.083	0.149	0.264	0.285	0.276	0.341	0.237	0.258	0.249	0.314																								
		Bottom side	0.305								0.433	0.234	0.234	0.234	0.234	0.234	0.234	0.234	0.234	0.234	0.234	0.234																									
	CDMA2000 BC1	Front	0.463	0.282	0.513	0.220	0.203	0.095	0.129	0.137	0.490	0.642	0.574	0.595	0.600	0.786	0.718	0.740	0.745	0.603	0.535	0.557	0.562																								
		Back	0.166	0.047	0.136	0.050	1.381	0.908	1.383	1.266	5.640	1.560	1.265	1.562	1.488	1.616	1.320	1.617	1.544	1.562	1.267	1.563	1.490	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.564	0.564	0.564	0.564	0.564	0.564	0.564	0.564	0.564	0.564	0.564	0.564	0.564	0.564	0.564	0.564
		Left side	0.017	0.384	0.912	0.353	0.501	0.282	0.595	0.260	1.690	0.733	0.596	0.792	0.582	1.063	0.926	1.122	0.912	0.713	0.577	0.772	0.563	0.000	0.000	0.000	0.000	0.000	0.000	0.012	0.000					0.169		0.177									
		Right side	0.082								0.376	0.089	0.089	0.089	0.089	0.089	0.089	0.089	0.089	0.089	0.089	0.089																									
		Top side		0.088	0.396	0.353	0.026	0.060	0.045	0.150		0.071	0.093	0.083	0.149	0.264	0.285	0.276	0.341	0.237	0.258	0.249	0.314																								
		Bottom side	0.929								0.433	0.624	0.624	0.624	0.624	0.624	0.624	0.624	0.624	0.624	0.624	0.624																									
LTE	LTE Band 2	Front	0.528	0.282	0.513	0.220	0.203	0.095	0.129	0.137	0.490	0.682	0.615	0.636	0.641	0.827	0.759	0.780	0.785	0.643	0.576	0.597	0.602																								
		Back	0.162	0.047	0.136	0.050	1.381	0.908	1.383	1.266	5.640	1.558	1.262	1.559	1.486	1.613	1.318	1.615	1.542	1.560	1.264	1.561	1.488	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.564	0.564	0.564	0.564	0.564	0.564	0.564	0.564	0.564	0.564	0.564	0.564	0.564	0.564	0.564	0.564
		Left side	0.021	0.384	0.912	0.353	0.501	0.282	0.595	0.260	1.690	0.735	0.598	0.794	0.585	1.065	0.928	1.124	0.915	0.716	0.579	0.775	0.565	0.000	0.000	0.000	0.000	0.000	0.000	0.012	0.000					0.169		0.177									
		Right side	0.064								0.376	0.078	0.078	0.078	0.078	0.078	0.078	0.078	0.078	0.078	0.078	0.078																									
		Top side		0.088	0.396	0.353	0.026	0.060	0.045	0.150		0.071	0.093	0.083	0.149	0.264	0.285	0.276	0.341	0.237	0.258	0.249	0.314																								
		Bottom side	0.875								0.433	0.590	0.590	0.590	0.590	0.590	0.590	0.590	0.590	0.590	0.590	0.590																									
	LTE Band 5	Front	0.905	0.282	0.513	0.220	0.203	0.095	0.129	0.137	0.490	0.918	0.850	0.872	0.877	1.062	0.995	1.016	1.021	0.879	0.812	0.833	0.838	0.090	0.029	0.001	0.000	0.004	0.000	0.020	0.001					0.108		0.118	0.107								
		Back	0.299	0.047	0.136	0.050	1.381	0.908	1.383	1.266	5.640	1.643	1.348	1.645	1.572	1.699	1.403	1.790	1.627	1.645	1.350	1.647	1.573	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.564	0.564	0.564	0.564	0.564	0.564	0.564	0.564	0.564	0.564	0.564	0.564	0.564	0.564	0.564	0.564
		Left side	0.330	0.384	0.912	0.353	0.501	0.282	0.595	0.260	1.690	0.928	0.792	0.987	0.778	1.258	1.122	1.317	1.108	0.909	0.772	0.968	0.758	0.000	0.000	0.000	0.000	0.000	0.000	0.012	0.000					0.169	0.169	0.177	0.169								
		Right side	0.170								0.376	0.144	0.144	0.144	0.144	0.144	0.144	0.144	0.144	0.144	0.144	0.144																									
		Top side		0.088	0.396	0.353	0.026	0.060	0.045	0.150		0.071	0.093	0.083	0.149	0.264	0.285	0.276	0.341	0.237	0.258	0.249	0.314																								
		Bottom side	0.466								0.433	0.335	0.335	0.335	0.335	0.335	0.335	0.335	0.335	0.335	0.335	0.335																									
	LTE Band 7	Front	0.387	0.282	0.513	0.220	0.203	0.095	0.129	0.137	0.490	0.594	0.527	0.548	0.553	0.738	0.671	0.692	0.697	0.555	0.488	0.509	0.514																								
		Back	0.143	0.047	0.136	0.050	1.381	0.908	1.383	1.266	5.640	1.546	1.250	1.547	1.474	1.602	1.306	1.603	1.530	1.548	1.252	1.549	1.476	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.564	0.564	0.564	0.564	0.564	0.564	0.564	0.564	0.564	0.564	0.564	0.564	0.564	0.564	0.564	0.564
		Left side		0.384	0.912	0.353	0.501	0.282	0.595	0.260	1.690	0.722	0.585	0.781	0.572	1.052	0.915	1.111	0.902	0.703	0.566	0.762	0.552	0.000	0.000	0.000	0.000	0.000	0.000	0.012	0.000					0.169		0.177									
		Right side	0.469								0.376	0.331	0.331	0.331	0.331	0.331	0.331	0.331	0.331	0.331	0.331	0.331																									
		Top side		0.088	0.396	0.353	0.026	0.060	0.045	0.150		0.071	0.093	0.083																																	



<For Body-worn Exposure condition>

<Phone WWAN Tx On>

Body-Worn			Reported SAR				Report SAR (Mod)				Power Density	Reported SAR/1.6 + PD/10 Summation										Single Point SAR Value from Power Density Location								Single Point SAR from Power Density Location Summation (Peak SAR/1.6 + PD/10)																					
WWAN Band	Exposure Position	WWAN	1	2	3	4	5	7	8	10	PD	1+2+5+11 Summation	1+2+7+11 Summation	1+2+8+11 Summation	1+2+10+11 Summation	1+3+5+11 Summation	1+3+7+11 Summation	1+3+8+11 Summation	1+3+10+11 Summation	1+4+5+11 Summation	1+4+7+11 Summation	1+4+8+11 Summation	1+4+10+11 Summation	1	2	3	4	5	7	8	10	1+2+5+11 Summation	1+2+7+11 Summation	1+2+8+11 Summation	1+2+10+11 Summation	1+3+5+11 Summation	1+3+7+11 Summation	1+3+8+11 Summation	1+3+10+11 Summation	1+4+5+11 Summation	1+4+7+11 Summation	1+4+8+11 Summation	1+4+10+11 Summation								
			2.4GHz WLAN Ant 1	5GHz WLAN Ant 1	Bluetooth Ant 1	LTE B2 (MOD)	LTE B5 (MOD)	LTE B13(MOD)	LTE B66(MOD)	WWAN														2.4GHz WLAN Ant 1	5GHz WLAN Ant 1	Bluetooth Ant 1	LTE B2 (MOD)	LTE B5 (MOD)	LTE B13(MOD)	LTE B66(MOD)																					
			1g SAR (W/kg)	1g SAR (W/kg)	1g SAR (W/kg)	Estimated 1g SAR (W/kg)	1g SAR (W/kg)	1g SAR (W/kg)	1g SAR (W/kg)	1g SAR (W/kg)														4cm ² (W/m ²)	1g SAR (W/kg)	1g SAR (W/kg)	1g SAR (W/kg)	1g SAR (W/kg)																							
CDMA	CDMA2000 BC0	Front	0.690	0.282	0.593	0.220	0.203	0.095	0.129	0.137	0.490	0.783	0.716	0.737	0.849	0.978	0.910	0.932	0.937	0.745	0.677	0.698	0.703																												
		Back	0.282	0.047	0.136	0.050	1.381	0.908	1.383	1.266	5.640	1.633	1.337	1.634	1.542	1.688	1.393	1.690	1.617	1.635	1.339	1.636	1.563	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.564	0.564	0.564	0.564	0.564	0.564	0.564	0.564	0.564	0.564	0.564	0.564	0.564	0.564	0.564	0.564				
	CDMA2000 BC1	Front	1.072	0.282	0.593	0.220	0.203	0.095	0.129	0.137	0.490	1.022	0.955	0.976	1.088	1.217	1.149	1.170	1.175	0.983	0.916	0.937	0.942	0.727	0.029	0.000	0.000	0.000	0.000	0.020	0.000	0.522			0.522	0.503	0.503	0.516	0.503												
		Back	0.249	0.047	0.136	0.050	1.381	0.908	1.383	1.266	5.640	1.612	1.317	1.613	1.521	1.668	1.372	1.669	1.596	1.614	1.318	1.615	1.542	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.564	0.564	0.564	0.564	0.564	0.564	0.564	0.564	0.564	0.564	0.564	0.564	0.564	0.564	0.564	0.564				
LTE	LTE Band 2	Front	0.910	0.282	0.593	0.220	0.203	0.095	0.129	0.137	0.490	0.921	0.853	0.875	0.987	1.115	1.048	1.069	1.074	0.882	0.815	0.836	0.841	0.035	0.029	0.000	0.000	0.000	0.000	0.020	0.000				0.071	0.071	0.083	0.071													
		Back	0.239	0.047	0.136	0.050	1.381	0.908	1.383	1.266	5.640	1.606	1.310	1.607	1.515	1.662	1.366	1.663	1.590	1.608	1.312	1.609	1.536	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.564	0.564	0.564	0.564	0.564	0.564	0.564	0.564	0.564	0.564	0.564	0.564	0.564	0.564	0.564	0.564	0.564			
	LTE Band 66	Front	1.144	0.282	0.593	0.220	0.203	0.095	0.129	0.137	0.490	1.067	1.000	1.021	1.133	1.262	1.194	1.215	1.220	1.028	0.961	0.982	0.987	0.054	0.029	0.000	0.000	0.000	0.000	0.020	0.000	0.101	0.101	0.113	0.101	0.083	0.083	0.095	0.083	0.083	0.083	0.083	0.083	0.083	0.083	0.083	0.083	0.083	0.083	0.083	0.083
		Back	0.315	0.047	0.136	0.050	1.381	0.908	1.383	1.266	5.640	1.653	1.358	1.655	1.562	1.709	1.413	1.710	1.637	1.655	1.360	1.657	1.583	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.564	0.564	0.564	0.564	0.564	0.564	0.564	0.564	0.564	0.564	0.564	0.564	0.564	0.564	0.564	0.564	0.564	0.564	0.564	0.564

<Phone WWAN Tx Off>

Body-Worn	Reported SAR			Report SAR (Mod)				Power Density	Reported SAR/1.6 + PD/10 Summation														Single Point SAR Value from Power Density Location								Single Point SAR from Power Density Location (Peak SAR/1.6 + PD/10)													
Exposure Position	2	3	4	5	7	8	10	11	2+5+11 Summation	2+7+11 Summation	2+8+11 Summation	2+10+11 Summation	3+5+11 Summation	3+7+11 Summation	3+8+11 Summation	3+10+11 Summation	4+5+11 Summation	4+7+11 Summation	4+8+11 Summation	4+10+11 Summation	2	3	4	5	7	8	10	2+5+11 Summation	2+7+11 Summation	2+8+11 Summation	2+10+11 Summation	3+5+11 Summation	3+7+11 Summation	3+8+11 Summation	3+10+11 Summation	4+5+11 Summation	4+7+11 Summation	4+8+11 Summation	4+10+11 Summation					
	2.4GHz WLAN Ant 1	5GHz WLAN Ant 1	Bluetooth Ant 1	LTE B2 (MOD)	LTE B5 (MOD)	LTE B13(MOD)	LTE B66(MOD)	PD													2.4GHz WLAN Ant 1	5GHz WLAN Ant 1	Bluetooth Ant 1	LTE B2 (MOD)	LTE B5 (MOD)	LTE B13(MOD)	LTE B66(MOD)																	
	1g SAR (W/kg)	1g SAR (W/kg)	Estimated 1g SAR (W/kg)	1g SAR (W/kg)	1g SAR (W/kg)	1g SAR (W/kg)	1g SAR (W/kg)	4cm*2(W/m^2)													1g SAR (W/kg)	1g SAR (W/kg)	Estimated 1g SAR (W/kg)	1g SAR (W/kg)	1g SAR (W/kg)	1g SAR (W/kg)																		
Front	0.282	0.593	0.220	0.203	0.095	0.129	0.137	0.490	0.352	0.285	0.306	0.418	0.547	0.479	0.500	0.505	0.313	0.246	0.267	0.272																								
Back	0.047	0.136	0.050	1.381	0.908	1.383	1.266	5.640	1.457	1.161	1.458	1.365	1.512	1.217	1.513	1.440	1.458	1.163	1.460	1.387	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.564	0.564	0.564	0.564	0.564	0.564	0.564	0.564	0.564	0.564	0.564	0.564					



2. Analysis for mmWave Antenna module 1

<For Head Exposure condition>

<Phone WWAN Tx On>

Head		Reported SAR				Report SAR (Mod)				Power Density	Reported SAR/L6 + PD/10 Summation										Single Point SAR Value from Power Density Location								Single Point SAR from Power Density Location Summation (Peak SAR/L6 + PD/10)								
WWAN Band	Exposure Position	1	2	3	4	5	7	8	10	11	1+2+5+11 Summation	1+2+7+11 Summation	1+2+8+11 Summation	1+2+10+11 Summation	1+3+5+11 Summation	1+3+7+11 Summation	1+3+8+11 Summation	1+3+10+11 Summation	1+4+5+11 Summation	1+4+7+11 Summation	1+4+8+11 Summation	1+4+10+11 Summation	1	2	3	4	5	7	8	10	1+2+5+11 Summation	1+3+5+11 Summation	1+3+7+11 Summation	1+3+8+11 Summation	1+3+10+11 Summation	1+4+5+11 Summation	
		WWAN	2.4GHz WLAN Ant 1	5GHz WLAN Ant 1	Bluetooth Ant 1	LTE B2 (MOD)	LTE B5 (MOD)	LTE B13(MOD)	LTE B66(MOD)	PD													WWAN	2.4GHz WLAN Ant 1	5GHz WLAN Ant 1	Bluetooth Ant 1	LTE B2 (MOD)	LTE B5 (MOD)	LTE B13(MOD)	LTE B66(MOD)							
		1g SAR (W/kg)	1g SAR (W/kg)	1g SAR (W/kg)	Estimated 1g SAR (W/kg)	1g SAR (W/kg)	1g SAR (W/kg)	1g SAR (W/kg)	1g SAR (W/kg)	4cm²2(W/m²2)													1g SAR (W/kg)	1g SAR (W/kg)	1g SAR (W/kg)	Estimated 1g SAR (W/kg)	1g SAR (W/kg)	1g SAR (W/kg)	1g SAR (W/kg)	1g SAR (W/kg)							
CDMA	CDMA2000 BC0	Right Cheek	0.354	0.469	1.113	0.438	0.306	0.190	0.160	0.168	0.545	0.760	0.688	0.669	0.674	1.163	1.090	1.071	1.076	0.741	0.668	0.650	0.655	0.177		0.000		0.000	0.020	0.017	0.011		0.165	0.178	0.176	0.172	
		Right Tilted	0.189	0.306	0.675	0.438	0.189	0.108	0.101	0.087	0.545	0.482	0.431	0.427	0.418	0.713	0.662	0.658	0.649	0.565	0.514	0.510	0.501														
		Left Cheek	0.469	0.111	0.259	0.438	0.104	0.122	0.112	0.072	0.545	0.482	0.493	0.487	0.462	0.575	0.586	0.580	0.555	0.686	0.698	0.691	0.666														
	CDMA2000 BC1	Left Tilted	0.204	0.120	0.266	0.438	0.057	0.087	0.070	0.057	0.545	0.293	0.311	0.301	0.293	0.384	0.403	0.392	0.384	0.491	0.510	0.500	0.491														
		Right Cheek	0.289	0.469	1.113	0.438	0.306	0.190	0.160	0.168	0.545	0.720	0.647	0.628	0.633	1.122	1.050	1.031	1.036	0.700	0.628	0.609	0.614	0.231		0.000		0.000	0.020	0.017	0.011		0.199	0.211	0.210	0.206	
		Right Tilted	0.109	0.306	0.675	0.438	0.189	0.108	0.101	0.087	0.545	0.432	0.381	0.377	0.368	0.663	0.612	0.608	0.599	0.515	0.464	0.460	0.451														
LTE	LTE Band 2	Left Cheek	0.217	0.111	0.259	0.438	0.104	0.122	0.112	0.072	0.545	0.325	0.336	0.330	0.305	0.417	0.428	0.422	0.397	0.529	0.540	0.534	0.509														
		Left Tilted	0.170	0.120	0.266	0.438	0.057	0.087	0.070	0.057	0.545	0.271	0.290	0.280	0.271	0.363	0.381	0.371	0.363	0.470	0.489	0.478	0.470														
		Right Cheek	0.316	0.469	1.113	0.438	0.306	0.190	0.160	0.168	0.545	0.736	0.664	0.645	0.650	1.139	1.066	1.048	1.053	0.717	0.645	0.626	0.631	0.255		0.000		0.000	0.020	0.017	0.011		0.214	0.226	0.225	0.221	
	LTE Band 5	Right Tilted	0.114	0.306	0.675	0.438	0.189	0.108	0.101	0.087	0.545	0.435	0.385	0.380	0.371	0.666	0.615	0.611	0.602	0.518	0.467	0.463	0.454														
		Left Cheek	0.256	0.111	0.259	0.438	0.104	0.122	0.112	0.072	0.545	0.349	0.360	0.354	0.329	0.441	0.453	0.446	0.421	0.553	0.565	0.558	0.533														
		Left Tilted	0.202	0.120	0.266	0.438	0.057	0.087	0.070	0.057	0.545	0.291	0.310	0.300	0.291	0.383	0.401	0.391	0.383	0.490	0.509	0.498	0.490														
		Right Cheek	0.263	0.469	1.113	0.438	0.306	0.190	0.160	0.168	0.545	0.703	0.631	0.612	0.617	1.106	1.033	1.015	1.020	0.684	0.611	0.593	0.598	0.136		0.000		0.000	0.020	0.017	0.011		0.140	0.152	0.150	0.146	
	LTE Band 7	Right Tilted	0.135	0.306	0.675	0.438	0.189	0.108	0.101	0.087	0.545	0.448	0.398	0.393	0.385	0.679	0.628	0.624	0.615	0.531	0.480	0.476	0.467														
		Left Cheek	0.326	0.111	0.259	0.438	0.104	0.122	0.112	0.072	0.545	0.393	0.404	0.398	0.373	0.485	0.496	0.490	0.465	0.597	0.608	0.602	0.577														
		Left Tilted	0.159	0.120	0.266	0.438	0.057	0.087	0.070	0.057	0.545	0.265	0.283	0.273	0.265	0.356	0.375	0.364	0.356	0.463	0.482	0.471	0.463														
		Right Cheek	0.788	0.469	1.113	0.438	0.306	0.190	0.160	0.168	0.545	1.031	0.959	0.940	0.945	1.434	1.361	1.343	1.348	1.012	0.940	0.921	0.926	0.318	0.005	0.000	0.005	0.000	0.020	0.017	0.011	0.256	0.253	0.266	0.264	0.260	0.256
	LTE Band 13	Right Tilted	0.299	0.306	0.675	0.438	0.189	0.108	0.101	0.087	0.545	0.551	0.500	0.496	0.487	0.781	0.731	0.726	0.718	0.633	0.583	0.578	0.570														
		Left Cheek	0.427	0.111	0.259	0.438	0.104	0.122	0.112	0.072	0.545	0.456	0.467	0.461	0.436	0.548	0.560	0.553	0.528	0.660	0.671	0.665	0.640														
		Left Tilted	0.306	0.120	0.266	0.438	0.057	0.087	0.070	0.057	0.545	0.356	0.375	0.365	0.356	0.448	0.466	0.456	0.448	0.555	0.574	0.563	0.555														
		Right Cheek	0.227	0.469	1.113	0.438	0.306	0.190	0.160	0.168	0.545	0.681	0.608	0.590	0.595	1.083	1.011	0.992	0.997	0.661	0.589	0.570	0.575	0.125		0.000		0.000	0.020	0.017	0.011		0.133	0.145			
	LTE Band 66	Right Tilted	0.132	0.306	0.675	0.438	0.189	0.108	0.101	0.087	0.545	0.446	0.396	0.391	0.383	0.677	0.626	0.622	0.613	0.529	0.478	0.474	0.465														
		Left Cheek	0.262	0.111	0.259	0.438	0.104	0.122	0.112	0.072	0.545	0.353	0.364	0.358	0.333	0.445	0.456	0.450	0.425	0.557	0.568	0.562	0.537														
		Left Tilted	0.136	0.120	0.266	0.438	0.057	0.087	0.070	0.057	0.545	0.250	0.269	0.258	0.250	0.341	0.360	0.350	0.341	0.449	0.468	0.457	0.449														
		Right Cheek	0.570	0.469	1.113	0.438	0.306	0.190	0.160	0.168	0.545	0.895	0.823	0.804	0.809	1.298	1.225	1.206	1.211	0.876	0.803	0.785	0.790	0.446		0.000		0.000	0.020	0.017	0.011		0.333	0.346	0.344	0.340	
		Right Tilted	0.175	0.306	0.675	0.438	0.189	0.108	0.101	0.087	0.545	0.473	0.423	0.418	0.410	0.704	0.653	0.649	0.640	0.556	0.505	0.501	0.492														
		Left Cheek	0.348	0.111	0.259	0.438	0.104	0.122	0.112	0.072	0.545	0.406	0.418	0.411	0.386	0.499	0.510	0.504	0.479	0.611	0.622	0.616	0.591														
		Left Tilted	0.217	0.120	0.266	0.438	0.057	0.087	0.070	0.057	0.545	0.301	0.320	0.309	0.301	0.392	0.411	0.400	0.392	0.500	0.518	0.508	0.500														

<Phone WWAN Tx Off>

Head	Reported SAR			Report SAR (Mod)				Power Density	Reported SAR/L6 + PD/10 Summation											
Exposure Position	2	3	4	5	7	8	10	11	2+5+11 Summation	2+7+11 Summation	2+8+11 Summation	2+10+11 Summation	3+5+11 Summation	3+7+11 Summation	3+8+11 Summation	3+10+11 Summation	4+5+11 Summation	4+7+11 Summation	4+8+11 Summation	4+10+11 Summation
	2.4GHz WLAN Ant 1	5GHz WLAN Ant 1	Bluetooth Ant 1	LTE B2 (MOD)	LTE B5 (MOD)	LTE B13(MOD)	LTE B66(MOD)	PD												
	1g SAR (W/kg)	1g SAR (W/kg)	Estimated 1g SAR (W/kg)	1g SAR (W/kg)	1g SAR (W/kg)	1g SAR (W/kg)	1g SAR (W/kg)	4cm²2(W/m²2)												
Right Cheek	0.469	1.113	0.438	0.306	0.190	0.160	0.168	0.545	0.539	0.466	0.448	0.453	0.941	0.869	0.850	0.855	0.520	0.447	0.428	0.433
Right Tilted	0.306	0.675	0.438	0.189	0.108	0.101	0.087	0.545	0.364	0.313	0.309	0.300	0.595	0.544	0.540	0.531	0.446	0.396	0.391	0.383
Left Cheek	0.111	0.259	0.438	0.104	0.122	0.112	0.072	0.545	0.189	0.200	0.194	0.169	0.281	0.293	0.286	0.261	0.393	0.405	0.398	0.373
Left Tilted	0.120	0.266	0.438	0.057	0.087	0.070	0.057	0.545	0.165	0.184	0.173	0.165	0.256	0.275	0.265	0.256	0.364	0.383	0.372	0.364



<For Hotspot Exposure condition>

<Phone WWAN Tx On>

[illegible]

<Phone WWAN Tx Off>

[illegible]



<For Body-worn Exposure condition>

<Phone WWAN Tx On>

Body-Worn		Reported SAR					Report SAR (Mod)				Power Density	Reported SAR/L6 + PD/10 Summation										Single Point SAR Value from Power Density Location										Single Point SAR from Power Density Location Summation (Peak SAR/L6 + PD/10)												
WWAN Band	Exposure Position	1	2	3	4	5	7	8	10	11	1+2+5+11 Summation	1+2+7+11 Summation	1+2+8+11 Summation	1+2+10+11 Summation	1+3+5+11 Summation	1+3+7+11 Summation	1+3+8+11 Summation	1+3+10+11 Summation	1+4+5+11 Summation	1+4+7+11 Summation	1+4+8+11 Summation	1+4+10+11 Summation	1	2	3	4	5	7	8	10	1+2+5+11 Summation	1+2+7+11 Summation	1+2+8+11 Summation	1+2+10+11 Summation	1+3+5+11 Summation	1+3+7+11 Summation	1+3+8+11 Summation	1+3+10+11 Summation	1+4+5+11 Summation	1+4+7+11 Summation	1+4+8+11 Summation	1+4+10+11 Summation		
		WWAN	2.4GHz WLAN Ant 1	5GHz WLAN Ant 1	Bluetooth Ant 1	LTE B2 (MOD)	LTE B5 (MOD)	LTE B13(MOD)	LTE B66(MOD)	PD													WWAN	2.4GHz WLAN Ant 1	5GHz WLAN Ant 1	Bluetooth Ant 1	LTE B2 (MOD)	LTE B5 (MOD)	LTE B13(MOD)	LTE B66(MOD)														
		1g SAR (W/kg)	1g SAR (W/kg)	1g SAR (W/kg)	Estimated 1g SAR (W/kg)	1g SAR (W/kg)	1g SAR (W/kg)	1g SAR (W/kg)	1g SAR (W/kg)	4cm*2(W/m^2)													1g SAR (W/kg)	1g SAR (W/kg)	1g SAR (W/kg)	Estimated 1g SAR (W/kg)	1g SAR (W/kg)	1g SAR (W/kg)	1g SAR (W/kg)	1g SAR (W/kg)													1g SAR (W/kg)	
CDMA	CDMA2000 BC0	Front	0.690	0.282	0.593	0.220	0.203	0.095	0.129	0.137	0.545	0.789	0.721	0.743	0.855	0.983	0.916	0.937	0.942	0.750	0.683	0.704	0.709		0.011	0.000	0.011	0.004	0.000	0.025	0.005													
		Back	0.282	0.047	0.136	0.050	1.381	0.908	1.383	1.266	5.880	1.657	1.361	1.658	1.566	1.712	1.417	1.714	1.641	1.659	1.363	1.660	1.587	0.095	0.000	0.001	0.000	0.000	0.000	0.431	0.000	0.647	0.647	0.917	0.647	0.648	0.648	0.917	0.648	0.647	0.647	0.917	0.647	
	CDMA2000 BC1	Front	1.072	0.282	0.593	0.220	0.203	0.095	0.129	0.137	0.545	1.028	0.960	0.981	1.093	1.222	1.155	1.176	1.181	0.989	0.921	0.943	0.948	0.020	0.011	0.000	0.011	0.004	0.000	0.025	0.005	0.076			0.076	0.070	0.067	0.082	0.070					
		Back	0.249	0.047	0.136	0.050	1.381	0.908	1.383	1.266	5.880	1.636	1.341	1.637	1.545	1.692	1.396	1.693	1.620	1.638	1.342	1.639	1.566	0.020	0.000	0.001	0.000	0.000	0.000	0.431	0.000	0.601	0.601	0.870	0.601	0.601	0.601	0.871	0.601	0.601	0.601	0.870	0.601	
LTE	LTE Band 2	Front	0.910	0.282	0.593	0.220	0.203	0.095	0.129	0.137	0.545	0.926	0.859	0.880	0.992	1.121	1.053	1.075	1.080	0.888	0.820	0.841	0.846	0.010	0.011	0.000	0.011	0.004	0.000	0.025	0.005					0.063	0.061	0.076	0.063					
		Back	0.239	0.047	0.136	0.050	1.381	0.908	1.383	1.266	5.880	1.630	1.334	1.631	1.539	1.686	1.390	1.687	1.614	1.632	1.336	1.633	1.560	0.020	0.000	0.001	0.000	0.000	0.000	0.431	0.000	0.601	0.601	0.870	0.601	0.601	0.601	0.871	0.601	0.601	0.601	0.870	0.601	
	LTE Band 66	Front	1.144	0.282	0.593	0.220	0.203	0.095	0.129	0.137	0.545	1.073	1.005	1.026	1.138	1.267	1.200	1.221	1.226	1.034	0.966	0.988	0.993	0.046	0.011	0.000	0.011	0.004	0.000	0.025	0.005	0.093	0.090	0.105	0.093	0.086	0.083	0.099	0.086	0.093				
		Back	0.315	0.047	0.136	0.050	1.381	0.908	1.383	1.266	5.880	1.677	1.382	1.679	1.586	1.733	1.437	1.734	1.661	1.679	1.384	1.681	1.607	0.045	0.000	0.001	0.000	0.000	0.000	0.431	0.000	0.616	0.616	0.886	0.616	0.617	0.617	0.886	0.617	0.616	0.616	0.886	0.616	

<Phone WWAN Tx Off>

Body-Worn	Reported SAR			Report SAR (Mod)				Power Density	Reported SAR/L6 + PD/10 Summation										Single Point SAR Value from Power Density Location						Single Point SAR from Power Density Location Summation (Peak SAR/L6 + PD/10)														
Exposure Position	2	3	4	5	7	8	10	11	2+5+11 Summation	2+7+11 Summation	2+8+11 Summation	2+10+11 Summation	3+5+11 Summation	3+7+11 Summation	3+8+11 Summation	3+10+11 Summation	4+5+11 Summation	4+7+11 Summation	4+8+11 Summation	4+10+11 Summation	2	3	4	5	7	8	10	2+5+11 Summation	2+7+11 Summation	2+8+11 Summation	2+10+11 Summation	3+5+11 Summation	3+7+11 Summation	3+8+11 Summation	3+10+11 Summation	4+5+11 Summation	4+7+11 Summation	4+8+11 Summation	4+10+11 Summation
	2.4GHz WLAN Ant 1	5GHz WLAN Ant 1	Bluetooth Ant 1	LTE B2 (MOD)	LTE B5 (MOD)	LTE B13(MOD)	LTE B66(MOD)	PD													2.4GHz WLAN Ant 1	5GHz WLAN Ant 1	Bluetooth Ant 1	LTE B2 (MOD)	LTE B5 (MOD)	LTE B13(MOD)	LTE B66(MOD)												
	1g SAR (W/kg)	1g SAR (W/kg)	Estimated 1g SAR (W/kg)	1g SAR (W/kg)	1g SAR (W/kg)	1g SAR (W/kg)	1g SAR (W/kg)	4cm*2(W/m^2)													1g SAR (W/kg)	1g SAR (W/kg)	Estimated 1g SAR (W/kg)	1g SAR (W/kg)	1g SAR (W/kg)	1g SAR (W/kg)	1g SAR (W/kg)												
Front	0.282	0.593	0.220	0.203	0.095	0.129	0.137	0.545	0.358	0.290	0.311	0.423	0.552	0.485	0.506	0.511	0.319	0.251	0.273	0.278																			
Back	0.047	0.136	0.050	1.381	0.908	1.383	1.266	5.880	1.481	1.185	1.482	1.389	1.536	1.241	1.537	1.464	1.482	1.187	1.484	1.411	0.000	0.001	0.000	0.000	0.000	0.431	0.000	0.588	0.588	0.857	0.588	0.589	0.589	0.858	0.589	0.588	0.588	0.857	0.588



3. Analysis for mmWave antenna module 2

<For Hotspot Exposure condition>

<Phone WWAN Tx On>

Hotspot		Reported SAR				Report SAR (Mod)				Power Density	Reported SAR/1.6 + PD/10 Summation												Single Point SAR Value from Power Density Location								Single Point SAR from Power Density Location Summation (Peak SAR/1.6 + PD/10)																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																						
WWAN Band	Exposure Position	1	2	3	4	5	7	8	10	11	1+2+5+11 summation	1+2+11 summation 1g SAR (W/kg)	1+2+7+11 summation	1+2+8+11 summation	1+2+10+11 summation	1+3+5+11 summation	1+3+11 summation 1g SAR (W/kg)	1+3+7+11 summation	1+3+8+11 summation	1+3+10+11 summation	1+4+5+11 summation	1+4+11 summation 1g SAR (W/kg)	1+4+7+11 summation	1+4+8+11 summation	1+4+10+11 summation	1	2	3	4	5	7	8	10	1+2+5+11 Summation	1+2+7+11 Summation	1+2+8+11 Summation	1+2+10+11 Summation	1+3+5+11 Summation	1+3+7+11 Summation	1+3+8+11 Summation	1+3+10+11 Summation	1+4+5+11 Summation	1+4+7+11 Summation	1+4+8+11 Summation	1+4+10+11 Summation																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																								
		WWAN	2.4GHz WLAN Ant 1	5GHz WLAN Ant 1	Bluetooth Ant 1	LTE B2 (MOD)	LTE B5 (MOD)	LTE B13(MOD)	LTE B66(MOD)	PD																WWAN	2.4GHz WLAN Ant 1	5GHz WLAN Ant 1	Bluetooth Ant 1	LTE B2 (MOD)	LTE B5 (MOD)	LTE B13(MOD)	LTE B66(MOD)																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																				
		1g SAR (W/kg)	1g SAR (W/kg)	1g SAR (W/kg)	Estimated 1g SAR (W/kg)	1g SAR (W/kg)	1g SAR (W/kg)	1g SAR (W/kg)	1g SAR (W/kg)	4cm²/(W/m²)																1g SAR (W/kg)	1g SAR (W/kg)	1g SAR (W/kg)	Estimated 1g SAR (W/kg)	1g SAR (W/kg)	1g SAR (W/kg)	1g SAR (W/kg)	1g SAR (W/kg)																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																				

<For Body-worn Exposure condition>

<Phone WWAN Tx On>

Body-Worn		Reported SAR				Report SAR (Mod)				Power Density	Reported SAR/L6 + PD/10 Summation												Single Point SAR Value from Power Density Location								Single Point SAR from Power Density Location Summation (Peak SAR/L6 + PD/10)												
WWAN Band	Exposure Position	1	2	3	4	5	7	8	10	11	1+2+5+11 Summation	1+2+7+11 Summation	1+2+8+11 Summation	1+2+10+11 Summation	1+3+5+11 Summation	1+3+7+11 Summation	1+3+8+11 Summation	1+3+10+11 Summation	1+4+5+11 Summation	1+4+7+11 Summation	1+4+8+11 Summation	1+4+10+11 Summation	1	2	3	4	5	7	8	10	1+2+5+11 Summation	1+2+7+11 Summation	1+2+8+11 Summation	1+2+10+11 Summation	1+3+5+11 Summation	1+3+7+11 Summation	1+3+8+11 Summation	1+3+10+11 Summation	1+4+5+11 Summation	1+4+7+11 Summation	1+4+8+11 Summation	1+4+10+11 Summation	
		WWAN	2.4GHz WLAN Ant 1	5GHz WLAN Ant 1	Bluetooth Ant 1	LTE B2 (MOD)	LTE B5 (MOD)	LTE B13(MOD)	LTE B66(MOD)	PD													WWAN	2.4GHz WLAN Ant 1	5GHz WLAN Ant 1	Bluetooth Ant 1	LTE B2 (MOD)	LTE B5 (MOD)	LTE B13(MOD)	LTE B66(MOD)													
		1g SAR (W/kg)	1g SAR (W/kg)	1g SAR (W/kg)	Estimated 1g SAR (W/kg)	1g SAR (W/kg)	1g SAR (W/kg)	1g SAR (W/kg)	1g SAR (W/kg)	4cm²2(W/m²)													1g SAR (W/kg)	1g SAR (W/kg)	1g SAR (W/kg)	Estimated 1g SAR (W/kg)	1g SAR (W/kg)	1g SAR (W/kg)	1g SAR (W/kg)	1g SAR (W/kg)													
CDMA	CDMA2000 BC0	Front	0.690	0.282	0.593	0.220	0.203	0.095	0.129	0.137	1.630	0.897	0.830	0.851	0.963	1.092	1.024	1.046	1.051	0.859	0.791	0.812	0.817	0.006	0.000	0.000	0.000	0.003	0.013	0.009	0.001					0.169	0.175	0.172	0.167				
		Back	0.282	0.047	0.136	0.050	1.381	0.908	1.383	1.266	2.550	1.324	1.028	1.325	1.233	1.379	1.084	1.381	1.308	1.326	1.030	1.327	1.254	0.001	0.025	0.006	0.006	0.014	0.088	0.081	0.002	0.280	0.327	0.322	0.273	0.268	0.315	0.310	0.261	0.269	0.315	0.311	0.261
	CDMA2000 BC1	Front	1.072	0.282	0.593	0.220	0.203	0.095	0.129	0.137	1.630	1.136	1.069	1.090	1.202	1.331	1.263	1.284	1.289	1.097	1.030	1.051	1.056	0.000	0.000	0.000	0.000	0.003	0.013	0.009	0.001	0.165	0.171	0.169	0.164	0.165	0.171	0.169	0.164	0.165	0.171	0.169	0.164
		Back	0.249	0.047	0.136	0.050	1.381	0.908	1.383	1.266	2.550	1.303	1.008	1.304	1.212	1.359	1.063	1.360	1.287	1.305	1.009	1.306	1.233	0.000	0.025	0.006	0.006	0.014	0.088	0.081	0.002	0.279	0.326	0.321	0.272	0.267	0.314	0.309	0.260	0.268	0.314	0.310	0.261
LTE	LTE Band 2	Front	0.910	0.282	0.593	0.220	0.203	0.095	0.129	0.137	1.630	1.035	0.967	0.989	1.101	1.229	1.162	1.183	1.188	0.996	0.929	0.950	0.955	0.000	0.000	0.000	0.000	0.003	0.013	0.009	0.001	0.165			0.164	0.165	0.171	0.169	0.164				
		Back	0.239	0.047	0.136	0.050	1.381	0.908	1.383	1.266	2.550	1.297	1.001	1.298	1.206	1.353	1.057	1.354	1.281	1.299	1.003	1.300	1.227	0.000	0.025	0.006	0.006	0.014	0.088	0.081	0.002	0.279	0.326	0.321	0.272	0.267	0.314	0.309	0.260	0.268	0.314	0.310	0.261
	LTE Band 66	Front	1.144	0.282	0.593	0.220	0.203	0.095	0.129	0.137	1.630	1.181	1.114	1.135	1.247	1.376	1.308	1.329	1.334	1.142	1.075	1.096	1.101	0.002	0.000	0.000	0.000	0.003	0.013	0.009	0.001	0.166	0.172	0.170	0.165	0.166	0.172	0.170	0.165	0.166	0.172	0.170	0.165
		Back	0.315	0.047	0.136	0.050	1.381	0.908	1.383	1.266	2.550	1.344	1.049	1.346	1.253	1.400	1.104	1.401	1.328	1.346	1.051	1.348	1.274	0.000	0.025	0.006	0.006	0.014	0.088	0.081	0.002	0.279	0.326	0.321	0.272	0.267	0.314	0.309	0.260	0.268	0.314	0.310	0.261

<Phone WWAN Tx Off>

Body-Worn	Reported SAR			Report SAR (Mod)					Power Density	Reported SAR/L6 + PD/10 Summation												Single Point SAR Value from Power Density Location						Single Point SAR from Power Density Location Summation (Peak SAR/L6 + PD/10)									
Exposure Position	2	3	4	5	7	8	10	11	2+5+11 Summation	2+7+11 Summation	2+8+11 Summation	2+10+11 Summation	3+5+11 Summation	3+7+11 Summation	3+8+11 Summation	3+10+11 Summation	4+5+11 Summation	4+7+11 Summation	4+8+11 Summation	4+10+11 Summation	2	3	4	5	7	8	10	2+5+11 Summation	2+8+11 Summation	2+10+11 Summation	3+5+11 Summation	3+8+11 Summation	3+10+11 Summation	4+5+11 Summation	4+8+11 Summation	4+10+11 Summation	
	2.4GHz WLAN Ant 1	5GHz WLAN Ant 1	Bluetooth Ant 1	LTE B2 (MOD)	LTE B5 (MOD)	LTE B13(MOD)	LTE B66(MOD)	PD													2.4GHz WLAN Ant 1	5GHz WLAN Ant 1	Bluetooth Ant 1	LTE B2 (MOD)	LTE B5 (MOD)	LTE B13(MOD)	LTE B66(MOD)										
	1g SAR (W/kg)	1g SAR (W/kg)	Estimated 1g SAR (W/kg)	1g SAR (W/kg)	1g SAR (W/kg)	1g SAR (W/kg)	1g SAR (W/kg)	4cm²(W/m²)													1g SAR (W/kg)	1g SAR (W/kg)	Estimated 1g SAR (W/kg)	1g SAR (W/kg)	1g SAR (W/kg)	1g SAR (W/kg)	1g SAR (W/kg)										
Front	0.282	0.593	0.220	0.203	0.095	0.129	0.137	1.630	0.466	0.399	0.420	0.532	0.661	0.593	0.614	0.619	0.427	0.360	0.381	0.386																	
Back	0.047	0.136	0.050	1.381	0.908	1.383	1.266	2.550	1.148	0.852	1.149	1.056	1.203	0.908	1.204	1.131	1.149	0.854	1.151	1.078	0.025	0.006	0.006	0.014		0.081	0.002	0.279	0.321	0.272	0.267	0.309	0.260	0.268	0.310	0.261	



4. Analysis for mmWave antenna module 3

<For Head Exposure condition>

<Phone WWAN Tx On>

Head		Reported SAR									Power Density	Reported SAR/L6 + PD/10 Summation												Single Point SAR Value from Power Density Location								Single Point SAR from Power Density Location Summation (Peak SAR/L6 + PD/10)						
		1	2	3	4	5	7	8	10	11		1+2+5+11 Summation	1+2+7+11 Summation	1+2+8+11 Summation	1+2+10+11 Summation	1+3+5+11 Summation	1+3+7+11 Summation	1+3+8+11 Summation	1+3+10+11 Summation	1+4+5+11 Summation	1+4+7+11 Summation	1+4+8+11 Summation	1+4+10+11 Summation	1	2	3	4	5	7	8	10	1+2+5+11 Summation	1+3+5+11 Summation	1+3+7+11 Summation	1+3+8+11 Summation	1+3+10+11 Summation	1+4+5+11 Summation	
		WWAN	2.4GHz WLAN Ant 1	5GHz WLAN Ant 1	Bluetooth Ant 1	LTE B2 (MOD)	LTE B5 (MOD)	LTE B13(MOD)	LTE B66(MOD)	PD														WWAN	2.4GHz WLAN Ant 1	5GHz WLAN Ant 1	Bluetooth Ant 1	LTE B2 (MOD)	LTE B5 (MOD)	LTE B13(MOD)	LTE B66(MOD)							1g SAR (W/kg)
WWAN Band	Exposure Position	1g SAR (W/kg)	1g SAR (W/kg)	1g SAR (W/kg)	Estimated 1g SAR (W/kg)	1g SAR (W/kg)	1g SAR (W/kg)	1g SAR (W/kg)	1g SAR (W/kg)	4cm*2(W/m^2)																												
CDMA	CDMA2000 BC0	Right Cheek	0.354	0.469	1.113	0.438	0.306	0.190	0.160	0.168	0.675	0.773	0.701	0.682	0.687	1.176	1.103	1.084	1.089	0.754	0.681	0.663	0.668	0.042	0.239	0.410	0.221	0.100	0.050	0.062	0.070			0.413	0.381	0.389	0.394	
		Right Tilted	0.189	0.306	0.675	0.438	0.189	0.108	0.101	0.087	0.675	0.495	0.444	0.440	0.431	0.726	0.675	0.671	0.662	0.578	0.527	0.523	0.514															
		Left Cheek	0.469	0.111	0.259	0.438	0.104	0.122	0.112	0.072	0.675	0.495	0.506	0.500	0.475	0.588	0.599	0.593	0.568	0.699	0.711	0.704	0.679															
		Left Tilted	0.204	0.120	0.266	0.438	0.057	0.087	0.070	0.057	0.675	0.306	0.324	0.314	0.306	0.397	0.416	0.405	0.397	0.504	0.523	0.513	0.504															
	CDMA2000 BC1	Right Cheek	0.289	0.469	1.113	0.438	0.306	0.190	0.160	0.168	0.675	0.733	0.660	0.641	0.646	1.135	1.063	1.044	1.049	0.713	0.641	0.622	0.627	0.040	0.239	0.410	0.221	0.100	0.050	0.062	0.070			0.411	0.380	0.388	0.393	
		Right Tilted	0.109	0.306	0.675	0.438	0.189	0.108	0.101	0.087	0.675	0.445	0.394	0.390	0.381	0.676	0.625	0.621	0.612	0.528	0.477	0.473	0.464															
		Left Cheek	0.217	0.111	0.259	0.438	0.104	0.122	0.112	0.072	0.675	0.338	0.349	0.343	0.318	0.430	0.441	0.435	0.410	0.542	0.553	0.547	0.522															
		Left Tilted	0.170	0.120	0.266	0.438	0.057	0.087	0.070	0.057	0.675	0.284	0.303	0.293	0.284	0.376	0.394	0.384	0.376	0.483	0.502	0.491	0.483															
LTE	LTE Band 2	Right Cheek	0.316	0.469	1.113	0.438	0.306	0.190	0.160	0.168	0.675	0.749	0.677	0.658	0.663	1.152	1.079	1.061	1.066	0.730	0.658	0.639	0.644	0.041	0.239	0.410	0.221	0.100	0.050	0.062	0.070			0.412	0.381	0.388	0.393	
		Right Tilted	0.114	0.306	0.675	0.438	0.189	0.108	0.101	0.087	0.675	0.448	0.398	0.393	0.384	0.679	0.628	0.624	0.615	0.531	0.480	0.476	0.467															
		Left Cheek	0.256	0.111	0.259	0.438	0.104	0.122	0.112	0.072	0.675	0.362	0.373	0.367	0.342	0.454	0.466	0.459	0.434	0.566	0.578	0.571	0.546															
		Left Tilted	0.202	0.120	0.266	0.438	0.057	0.087	0.070	0.057	0.675	0.304	0.323	0.313	0.304	0.396	0.414	0.404	0.396	0.503	0.522	0.511	0.503															
	LTE Band 5	Right Cheek	0.263	0.469	1.113	0.438	0.306	0.190	0.160	0.168	0.675	0.716	0.644	0.625	0.630	1.119	1.046	1.028	1.033	0.697	0.624	0.606	0.611	0.050	0.239	0.410	0.221	0.100	0.050	0.062	0.070			0.418	0.386	0.394	0.399	
		Right Tilted	0.135	0.306	0.675	0.438	0.189	0.108	0.101	0.087	0.675	0.461	0.411	0.406	0.398	0.692	0.641	0.637	0.628	0.544	0.493	0.489	0.480															
		Left Cheek	0.326	0.111	0.259	0.438	0.104	0.122	0.112	0.072	0.675	0.406	0.417	0.411	0.386	0.498	0.509	0.503	0.478	0.610	0.621	0.615	0.590															
		Left Tilted	0.159	0.120	0.266	0.438	0.057	0.087	0.070	0.057	0.675	0.278	0.296	0.286	0.278	0.369	0.388	0.377	0.369	0.476	0.495	0.484	0.476															
	LTE Band 7	Right Cheek	0.788	0.469	1.113	0.438	0.306	0.190	0.160	0.168	0.675	1.044	0.972	0.953	0.958	1.447	1.374	1.356	1.361	1.025	0.953	0.934	0.939	0.086	0.239	0.410	0.221	0.100	0.050	0.062	0.070	0.333	0.440	0.409	0.416	0.421	0.322	
		Right Tilted	0.299	0.306	0.675	0.438	0.189	0.108	0.101	0.087	0.675	0.564	0.513	0.509	0.500	0.794	0.744	0.739	0.731	0.646	0.596	0.591	0.583															
		Left Cheek	0.427	0.111	0.259	0.438	0.104	0.122	0.112	0.072	0.675	0.469	0.480	0.474	0.449	0.561	0.573	0.566	0.541	0.673	0.684	0.678	0.653															
		Left Tilted	0.306	0.120	0.266	0.438	0.057	0.087	0.070	0.057	0.675	0.369	0.388	0.378	0.369	0.461	0.479	0.469	0.461	0.568	0.587	0.576	0.568															
	LTE Band 13	Right Cheek	0.227	0.469	1.113	0.438	0.306	0.190	0.160	0.168	0.675	0.694	0.621	0.603	0.608	1.096	1.024	1.005	1.010	0.674	0.602	0.583	0.588	0.019	0.239	0.410	0.221	0.100	0.050	0.062	0.070			0.398	0.367	0.374	0.379	
		Right Tilted	0.132	0.306	0.675	0.438	0.189	0.108	0.101	0.087	0.675	0.459	0.409	0.404	0.396	0.690	0.639	0.635	0.626	0.542	0.491	0.487	0.478															
		Left Cheek	0.262	0.111	0.259	0.438	0.104	0.122	0.112	0.072	0.675	0.366	0.377	0.371	0.346	0.458	0.469	0.463	0.438	0.570	0.581	0.575	0.550															
		Left Tilted	0.136	0.120	0.266	0.438	0.057	0.087	0.070	0.057	0.675	0.263	0.282	0.271	0.263	0.354	0.373	0.363	0.354	0.462	0.481	0.470	0.462															
	LTE Band 66	Right Cheek	0.570	0.469	1.113	0.438	0.306	0.190	0.160	0.168	0.675	0.908	0.836	0.817	0.822	1.311	1.238	1.219	1.224	0.889	0.816	0.798	0.803	0.095	0.239	0.410	0.221	0.100	0.050	0.062	0.070			0.446	0.414	0.422	0.427	
		Right Tilted	0.175	0.306	0.675	0.438	0.189	0.108	0.101	0.087	0.675	0.486	0.436	0.431	0.423	0.717	0.666	0.662	0.653	0.569	0.518	0.514	0.505															
		Left Cheek	0.348	0.111	0.259	0.438	0.104	0.122	0.112	0.072	0.675	0.419	0.431	0.424	0.399	0.512	0.523	0.517	0.492	0.624	0.635	0.629	0.604															
		Left Tilted	0.217	0.120	0.266	0.438	0.057	0.087	0.070	0.057	0.675	0.314	0.333	0.322	0.314	0.405	0.424	0.413	0.405	0.513	0.531	0.521	0.513															

<Phone WWAN Tx Off>

Head	Reported SAR			Report SAR (Mod)				Power Density	Reported SAR/L1.6 + PD/10 Summation											
Exposure Position	2	3	4	5	7	8	10	11	2+5+11 Summation	2+7+11 Summation	2+8+11 Summation	2+10+11 Summation	3+5+11 Summation	3+7+11 Summation	3+8+11 Summation	3+10+11 Summation	4+5+11 Summation	4+7+11 Summation	4+8+11 Summation	4+10+11 Summation
	2.4GHz WLAN Ant 1	5GHz WLAN Ant 1	Bluetooth Ant 1	LTE B2 (MOD)	LTE B5 (MOD)	LTE B13(MOD)	LTE B66(MOD)													
	1g SAR (W/kg)	1g SAR (W/kg)	Estimated 1g SAR (W/kg)	1g SAR (W/kg)	1g SAR (W/kg)	1g SAR (W/kg)	1g SAR (W/kg)													
Right Cheek	0.469	1.113	0.438	0.306	0.190	0.160	0.168	0.675	0.552	0.479	0.461	0.466	0.954	0.882	0.863	0.868	0.533	0.460	0.441	0.446
Right Tilted	0.306	0.675	0.438	0.189	0.108	0.101	0.087	0.675	0.377	0.326	0.322	0.313	0.608	0.557	0.553	0.544	0.459	0.409	0.404	0.396
Left Cheek	0.111	0.259	0.438	0.104	0.122	0.112	0.072	0.675	0.202	0.213	0.207	0.182	0.294	0.306	0.299	0.274	0.406	0.418	0.411	0.386
Left Tilted	0.120	0.266	0.438	0.057	0.087	0.070	0.057	0.675	0.178	0.197	0.186	0.178	0.269	0.288	0.278	0.269	0.377	0.396	0.385	0.377



<For Hotspot Exposure condition>

<Phone WWAN Tx On>

Hotspot		Reported SAR				Report SAR (Mod)				Power Density	Reported SAR/L6 + PD/10 Summation										Single Point SAR Value from Power Density Location								Single Point SAR from Power Density Location Summation (Peak SAR/L6 + PD/10)																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																		
		1	2	3	4	5	7	8	10		11	1+2+5+11 summation	1+2+7+11 summation	1+2+8+11 summation	1+2+10+11 summation	1+3+5+11 summation	1+3+7+11 summation	1+3+8+11 summation	1+3+10+11 summation	1+4+5+11 summation	1+4+7+11 summation	1+4+8+11 summation	1+4+10+11 summation	1	2	3	4	5	7	8	10	1+2+5+11 Summation	1+2+7+11 Summation	1+2+8+11 Summation	1+2+10+11 Summation	1+3+5+11 Summation	1+3+7+11 Summation	1+3+8+11 Summation	1+3+10+11 Summation	1+4+5+11 Summation	1+4+7+11 Summation	1+4+8+11 Summation	1+4+10+11 Summation																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																				
																																												WWAN	2.4GHz WLAN Ant 1	5GHz WLAN Ant 1	Bluetooth Ant 1	LTE B2 (MOD)	LTE B5 (MOD)	LTE B13(MOD)	LTE B66(MOD)	PD	WWAN	2.4GHz WLAN Ant 1	5GHz WLAN Ant 1	Bluetooth Ant 1	LTE B2 (MOD)	LTE B5 (MOD)	LTE B13(MOD)	LTE B66(MOD)																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																			
WWAN Band	Exposure Position	1g SAR (W/kg)	1g SAR (W/kg)	1g SAR (W/kg)	Estimated 1g SAR (W/kg)	1g SAR (W/kg)	1g SAR (W/kg)	1g SAR (W/kg)	1g SAR (W/kg)	4cm*2(W/m^2)														1g SAR (W/kg)	1g SAR (W/kg)	1g SAR (W/kg)	Estimated 1g SAR (W/kg)	1g SAR (W/kg)	1g SAR (W/kg)	1g SAR (W/kg)	1g SAR (W/kg)																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																

<For Body-worn Exposure condition>

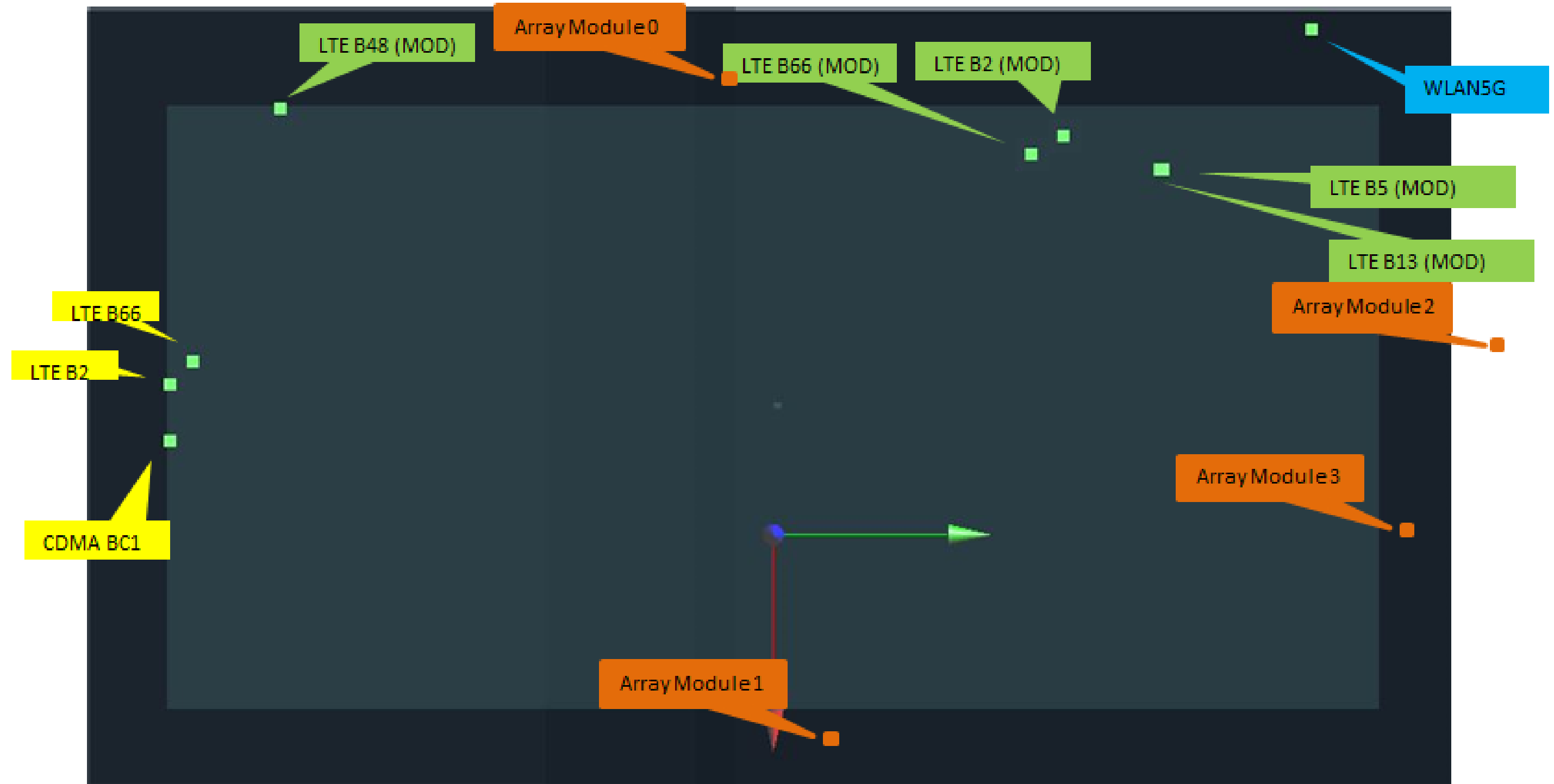
<Phone WWAN Tx On>

Body-Worn			Reported SAR				Report SAR (Mod)				Power Density	Reported SAR/L6 + PD/10 Summation										Single Point SAR Value from Power Density Location								Single Point SAR from Power Density Location Summation (Peak SAR/L6 + PD/10)															
WWAN Band	Exposure Position		1	2	3	4	5	7	8	10	11	1+2+5+11 Summation	1+2+7+11 Summation	1+2+8+11 Summation	1+2+10+11 Summation	1+3+5+11 Summation	1+3+7+11 Summation	1+3+8+11 Summation	1+3+10+11 Summation	1+4+5+11 Summation	1+4+7+11 Summation	1+4+8+11 Summation	1+4+10+11 Summation	1	2	3	4	5	7	8	10	1+2+5+11 Summation	1+2+7+11 Summation	1+2+8+11 Summation	1+2+10+11 Summation	1+3+5+11 Summation	1+3+7+11 Summation	1+3+8+11 Summation	1+3+10+11 Summation	1+4+5+11 Summation	1+4+7+11 Summation	1+4+8+11 Summation	1+4+10+11 Summation		
		WWAN	2.4GHz WLAN Ant 1	5GHz WLAN Ant 1	Bluetooth Ant 1	LTE B2 (MOD)	LTE B5 (MOD)	LTE B13(MOD)	LTE B66(MOD)	PD	WWAN													2.4GHz WLAN Ant 1	5GHz WLAN Ant 1	Bluetooth Ant 1	LTE B2 (MOD)	LTE B5 (MOD)	LTE B13(MOD)	LTE B66(MOD)															
		1g SAR (W/kg)	1g SAR (W/kg)	1g SAR (W/kg)	Estimated 1g SAR (W/kg)	1g SAR (W/kg)	1g SAR (W/kg)	1g SAR (W/kg)	1g SAR (W/kg)	4cm²2(W/m²)	1g SAR (W/kg)													1g SAR (W/kg)	1g SAR (W/kg)	1g SAR (W/kg)	1g SAR (W/kg)	1g SAR (W/kg)	1g SAR (W/kg)	1g SAR (W/kg)	1g SAR (W/kg)														
CDMA	CDMA2000 BC0	Front	0.690	0.282	0.593	0.220	0.203	0.095	0.129	0.137	0.675	0.802	0.734	0.756	0.868	0.996	0.929	0.950	0.955	0.763	0.696	0.717	0.722																						
		Back	0.282	0.047	0.136	0.050	1.381	0.908	1.383	1.266	2.800	1.349	1.053	1.350	1.258	1.404	1.109	1.406	1.333	1.351	1.055	1.352	1.279	0.017	0.029	0.025	0.026	0.024	0.646	0.698	0.006	0.324	0.713	0.746	0.313	0.321	0.710	0.743	0.310	0.323	0.711	0.743	0.311		
	CDMA2000 BC1	Front	1.072	0.282	0.593	0.220	0.203	0.095	0.129	0.137	0.675	1.041	0.973	0.994	1.106	1.235	1.168	1.189	1.194	1.002	0.934	0.956	0.961	0.017	0.027	0.069	0.000	0.077	0.041	0.042	0.038	0.144		0.119	0.170	0.147	0.148	0.145	0.127						
		Back	0.249	0.047	0.136	0.050	1.381	0.908	1.383	1.266	2.800	1.328	1.033	1.329	1.237	1.384	1.088	1.385	1.312	1.302	1.034	1.331	1.258	0.000	0.029	0.025	0.026	0.024	0.646	0.698	0.006	0.314	0.702	0.734	0.302	0.311	0.699	0.732	0.299	0.311	0.700	0.733	0.300		
LTE	LTE Band 2	Front	0.910	0.282	0.593	0.220	0.203	0.095	0.129	0.137	0.675	0.939	0.872	0.893	1.005	1.134	1.066	1.088	1.093	0.901	0.833	0.854	0.859	0.000	0.027	0.069	0.000	0.077	0.041	0.042	0.038				0.108	0.159	0.136	0.137	0.134						
		Back	0.239	0.047	0.136	0.050	1.381	0.908	1.383	1.266	2.800	1.322	1.026	1.323	1.231	1.378	1.082	1.379	1.306	1.324	1.028	1.325	1.252	0.000	0.029	0.025	0.026	0.024	0.646	0.698	0.006	0.314	0.702	0.734	0.302	0.311	0.699	0.732	0.299	0.311	0.700	0.733	0.300		
	LTE Band 66	Front	1.144	0.282	0.593	0.220	0.203	0.095	0.129	0.137	0.675	1.086	1.018	1.039	1.151	1.280	1.213	1.234	1.239	1.047	0.979	1.001	1.006	0.009	0.027	0.069	0.000	0.077	0.041	0.042	0.038	0.139	0.116	0.117	0.114	0.165	0.142	0.143	0.140	0.122	0.100	0.097			
		Back	0.315	0.047	0.136	0.050	1.381	0.908	1.383	1.266	2.800	1.369	1.074	1.371	1.278	1.425	1.129	1.426	1.353	1.371	1.076	1.373	1.299	0.000	0.029	0.025	0.026	0.024	0.646	0.698	0.006	0.314	0.702	0.734	0.302	0.311	0.699	0.732	0.299	0.311	0.700	0.733	0.300		

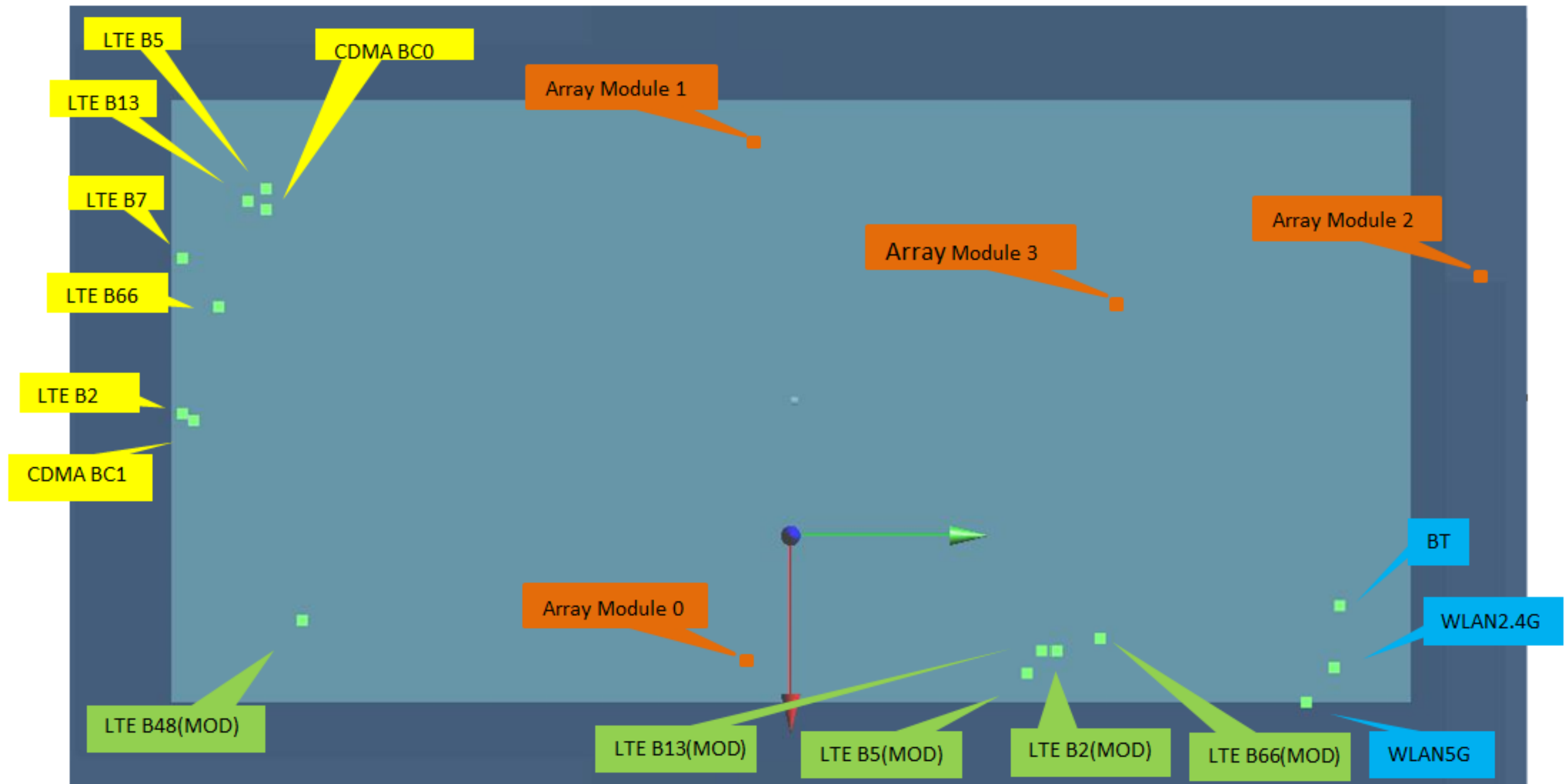
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Body-Worn	Reported SAR			Report SAR (Mod)				Power Density	Reported SAR/L6 + PD/10 Summation										Single Point SAR Value from Power Density Location						Single Point SAR from Power Density Location Summation (Peak SAR/L6 + PD/10)											
Exposure Position	2	3	4	5	7	8	10	11	2+5+11 Summation	2+7+11 Summation	2+8+11 Summation	2+10+11 Summation	3+5+11 Summation	3+7+11 Summation	3+8+11 Summation	3+10+11 Summation	4+5+11 Summation	4+7+11 Summation	4+8+11 Summation	4+10+11 Summation	2	3	4	5	7	8	10	2+5+11 Summation	2+8+11 Summation	2+10+11 Summation	3+5+11 Summation	3+8+11 Summation	3+10+11 Summation	4+5+11 Summation	4+8+11 Summation	4+10+11 Summation
	2.4GHz WLAN Ant 1	5GHz WLAN Ant 1	Bluetooth Ant 1	LTE B2 (MOD)	LTE B5 (MOD)	LTE B13(MOD)	LTE B66(MOD)	PD													2.4GHz WLAN Ant 1	5GHz WLAN Ant 1	Bluetooth Ant 1	LTE B2 (MOD)	LTE B5 (MOD)	LTE B13(MOD)	LTE B66(MOD)									
	1g SAR (W/kg)	1g SAR (W/kg)	Estimated 1g SAR (W/kg)	1g SAR (W/kg)	1g SAR (W/kg)	1g SAR (W/kg)	1g SAR (W/kg)	4cm*2(W/m ²)													1g SAR (W/kg)	1g SAR (W/kg)	Estimated 1g SAR (W/kg)	1g SAR (W/kg)	1g SAR (W/kg)	1g SAR (W/kg)	1g SAR (W/kg)									
Front	0.282	0.593	0.220	0.203	0.095	0.129	0.137	0.675	0.371	0.303	0.324	0.436	0.565	0.498	0.519	0.524	0.332	0.264	0.286	0.291																
Back	0.047	0.136	0.050	1.381	0.908	1.383	1.266	2.800	1.173	0.877	1.174	1.081	1.228	0.933	1.229	1.156	1.174	0.879	1.176	1.103	0.029	0.025	0.026	0.024	0.646	0.698	0.006	0.313	0.734	0.302	0.311	0.732	0.162	0.159	0.453	0.020

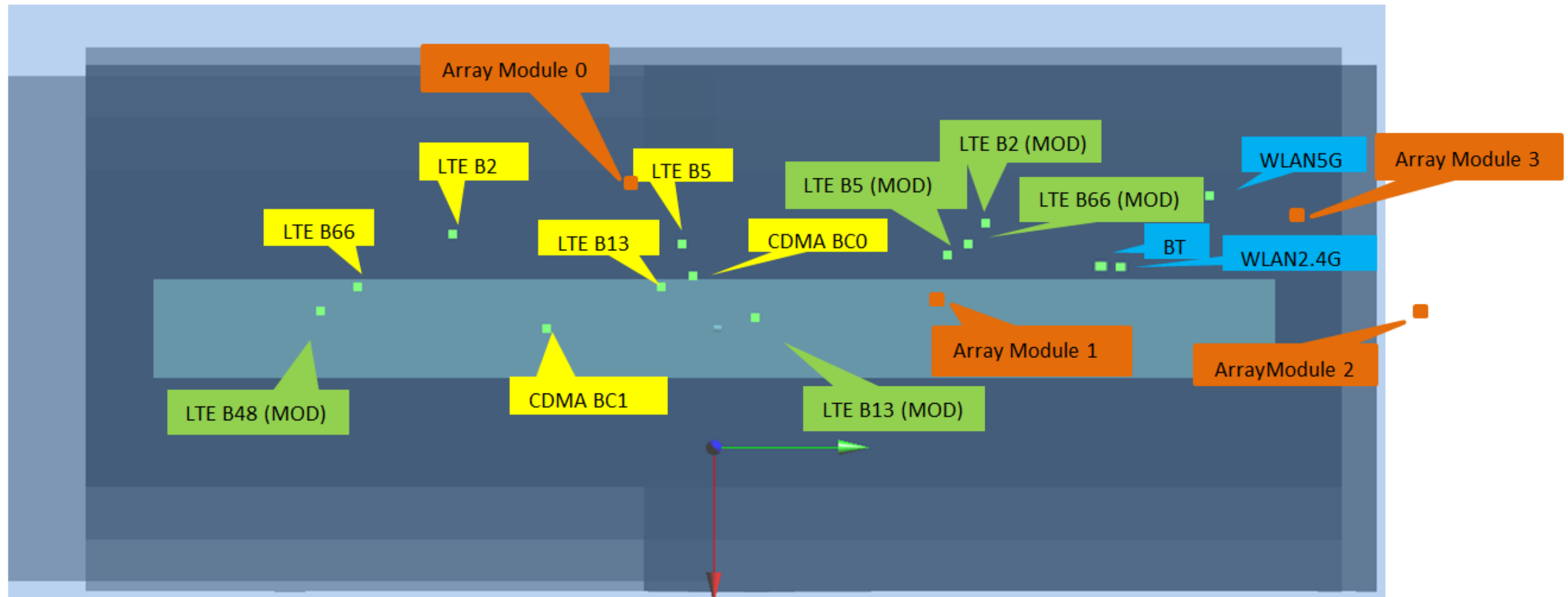
Each transmitter SAR and PD peak location for Front exposure position



Each transmitter SAR and PD peak location for Back exposure position



Each transmitter SAR and PD peak location for Left Side exposure position



Each transmitter SAR and PD peak location for Right Cheek exposure position

