



## Appendix D. Simultaneous Transmission analysis

## 1. Analysis for mmWave antenna module 0

&lt;For Head Exposure condition&gt;

&lt;Phone WWAN Tx On&gt;

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	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+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)		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)	1g SAR (W/kg)	1g SAR (W/kg)	1g SAR (W/kg)	1g SAR (W/kg)	1g SAR (W/kg)	1g SAR (W/kg)	1g SAR (W/kg)	1g SAR (W/kg)	1g SAR (W/kg)	1g SAR (W/kg)	1g SAR (W/kg)	1g SAR (W/kg)	1g SAR (W/kg)	1g SAR (W/kg)	1g SAR (W/kg)	1g SAR (W/kg)	1g SAR (W/kg)				
		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														
CDMA	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	0.106	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	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																													



# **RF EXPOSURE EVALUATION REPORT**

## **tspot Exposure condition>**

Report No.: FA890514-01

### <Phone WWAN Tx On>

## **<Phone WWAN Tx Off>**



## RF EXPOSURE EVALUATION REPORT

Report No.: FA890514-01

<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 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+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+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)	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)	1g SAR (W/kg)	1g SAR (W/kg)	1g SAR (W/kg)
		1g SAR (W/kg)	1g SAR (W/kg)	1g SAR (W/kg)	1g SAR (W/kg)	1g SAR (W/kg)	1g SAR (W/kg)	1g SAR (W/kg)	1g SAR (W/kg)	4cm <sup>2</sup> (W/m <sup>2</sup> )											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)	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)	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	0.000	0.000	0.000	0.000				
	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	0.020	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000			
		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	1.614	1.615	1.615	1.542	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000						
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	0.020	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000			
		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	0.000	0.000	0.000	0.000	0.000			
	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	0.020	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000			
		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	1.583	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000				

<Phone WWAN Tx Off>

Body-Worn		Reported SAR			Report SAR (Mod)		Power Density	Reported SAR/1.6 + PD/10 Summation			
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## 2. Analysis for mmWave Antenna module 1

&lt;For Head Exposure condition&gt;

&lt;Phone WWAN Tx On&gt;

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+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+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																										
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	0.000	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														
LTE	LTE Band 7	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				
		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														
	LTE Band 13	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	1.1																																



# **RF EXPOSURE EVALUATION REPORT**

Report No.: FA890514-01

### **<For Hotspot Exposure condition>**

## <Phone WWAN Tx On>

## <Phone WWAN Tx Off>



## **RF EXPOSURE EVALUATION REPORT**

Report No.: FA890514-01

### **<For Body-worn Exposure condition>**

## <Phone WWAN Tx On>

### <Phone WWAN Tx Off>



# **RF EXPOSURE EVALUATION REPORT**

Report No.: FA890514-01

### **3. Analysis for mmWave antenna module 2**

### **<For Hotspot Exposure condition>**

## <Phone WWAN Tx On>

## <Phone WWAN Tx Off>



## **<For Body-worn Exposure condition>**

## <Phone WWAN Tx On>

### **<Phone WWAN Tx Off>**



#### 4. Analysis for mmWave antenna module 3

&lt;For Head Exposure condition&gt;

&lt;Phone WWAN Tx On&gt;

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+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	1g SAR (W/kg)	1g SAR (W/kg)	1g SAR (W/kg)	1g SAR (W/kg)	4cm <sup>2</sup> (W/m <sup>2</sup> )	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)											
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													
	CDMA2000 BC1	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													
		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													
LTE	LTE Band 2	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	0.394	0.384	0.376	0.483	0.502	0.491	0.483														
		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
	LTE Band 5	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	LTE Band 7	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													
	LTE Band 13	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													
		Right Cheek	0.788	0.469	1.113	0.438	0.306	0.190																												



# **RF EXPOSURE EVALUATION REPORT**

Report No.: FA890514-01

## <For Hotspot Exposure condition>

## <Phone WWAN Tx On>

## <Phone WWAN Tx Off>



## **RF EXPOSURE EVALUATION REPORT**

Report No.: FA890514-01

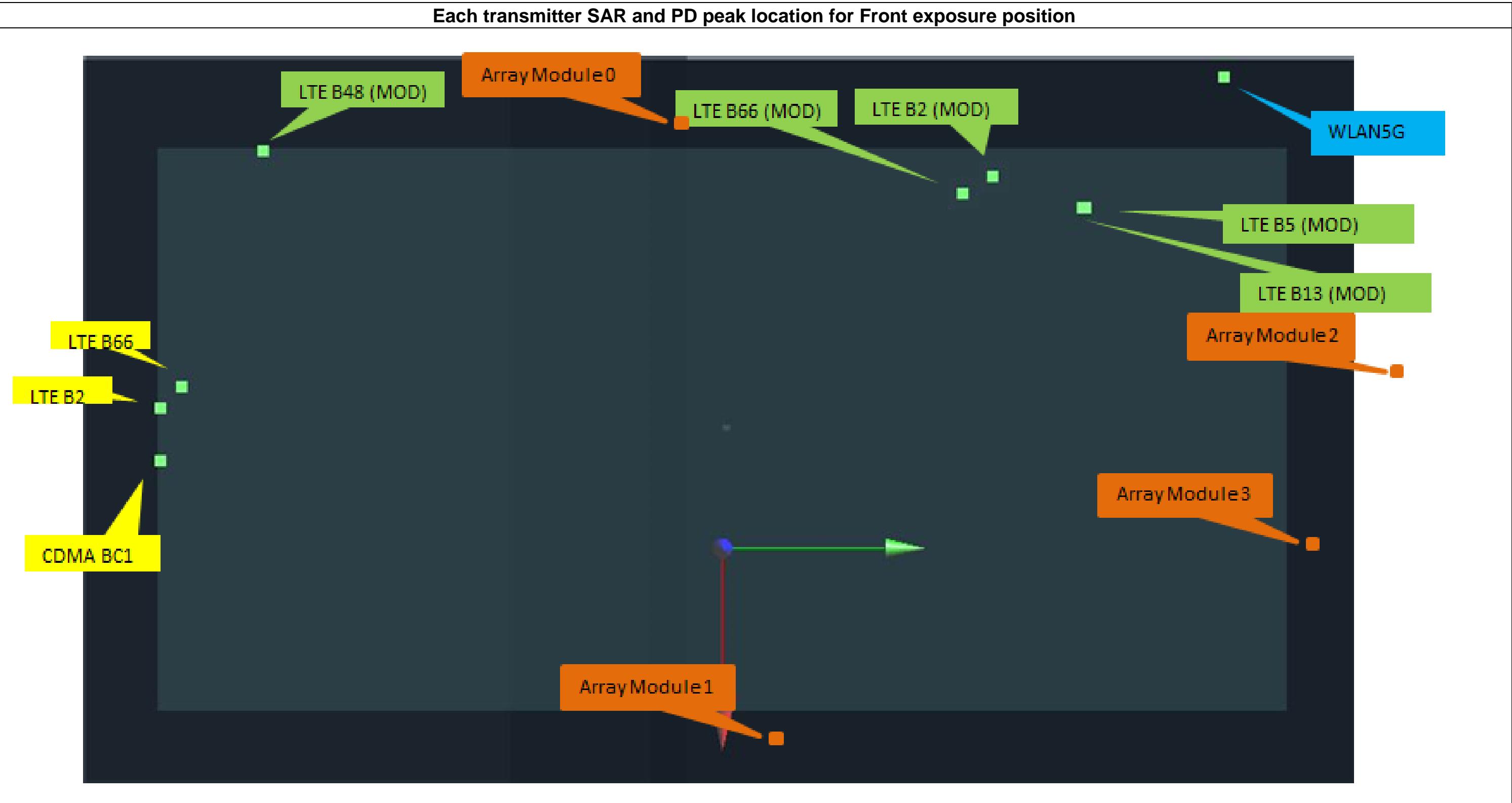
### **<For Body-worn Exposure condition>**

## **<Phone WWAN Tx On>**

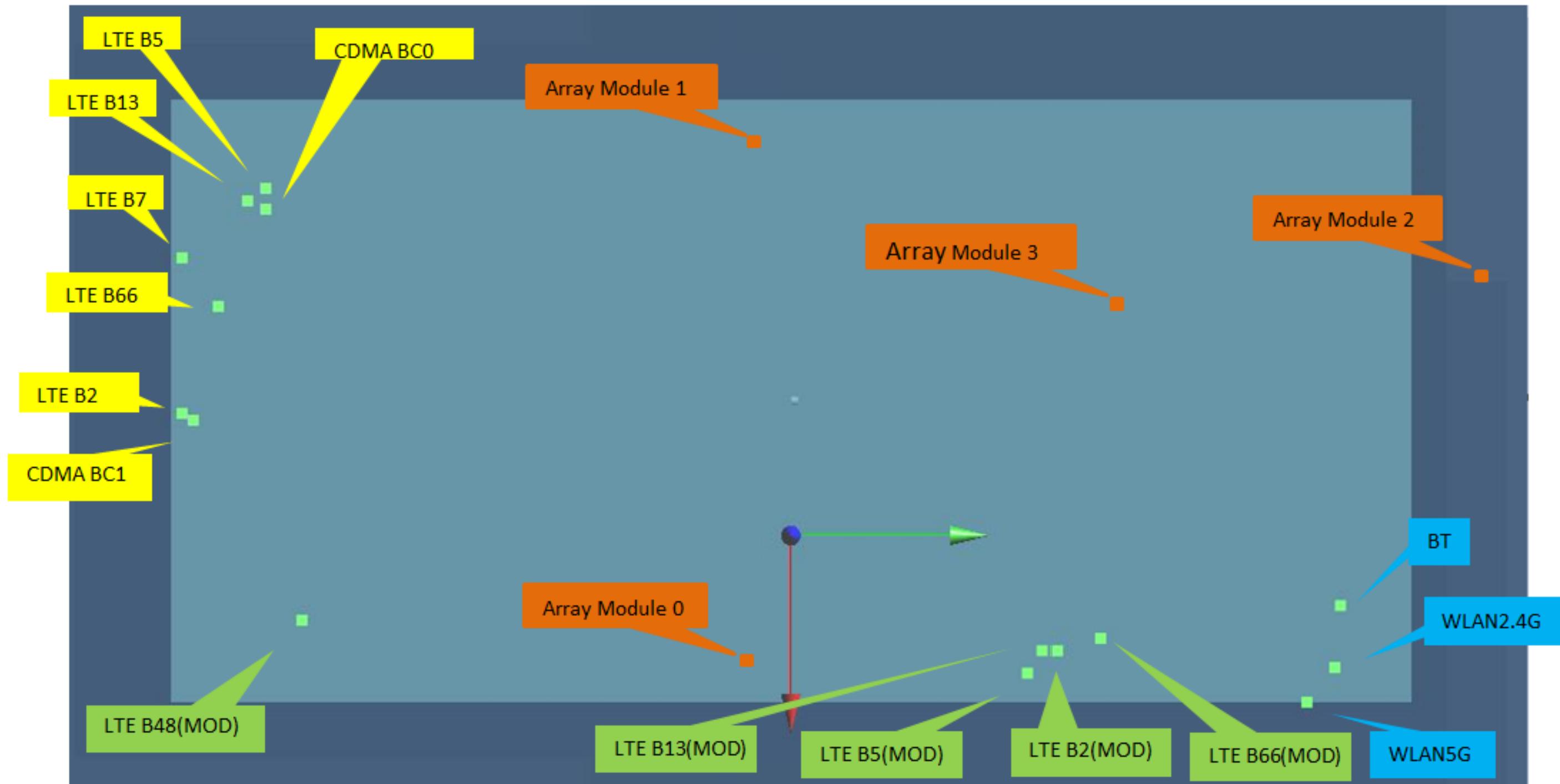
### **<Phone WWAN Tx Off>**

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 Summation (Peak SAR/1.6 + PD/10)																							
	2	3	4	5	7	8	10		2.4GHz WLAN Ant 1	5GHz WLAN Ant 1	Bluetooth Ant 1	LTE B2 (MOD)	LTE B5 (MOD)	LTE B13(MOD)	LTE B66(MOD)		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	2.4GHz WLAN Ant 1	5GHz WLAN Ant 1	Bluetooth Ant 1	LTE B2 (MOD)	LTE B5 (MOD)	LTE B13(MOD)	LTE B66(MOD)	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
Exposure Position	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)																																										
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	0.906	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														

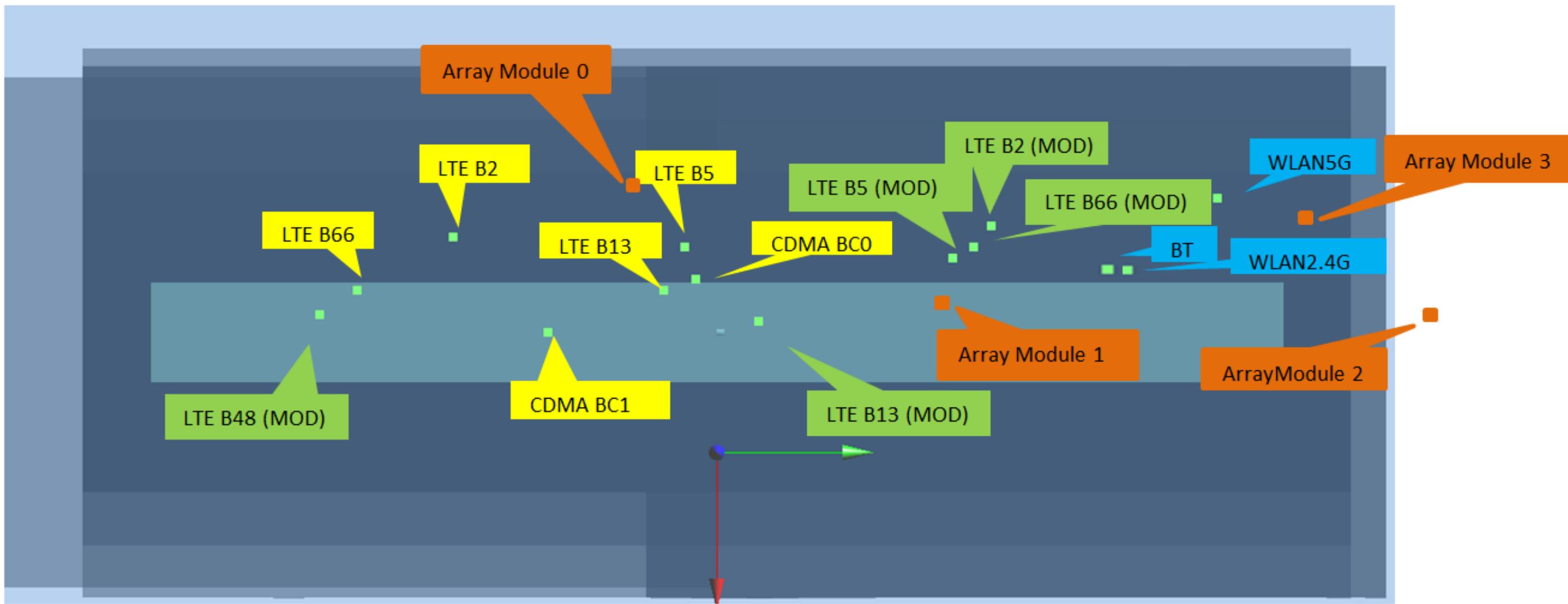
## Each transmitter SAR and PD peak location for Front exposure position



## 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

