

## 14 Exposure Positions Consideration

### 14.1 EUT Antenna Locations

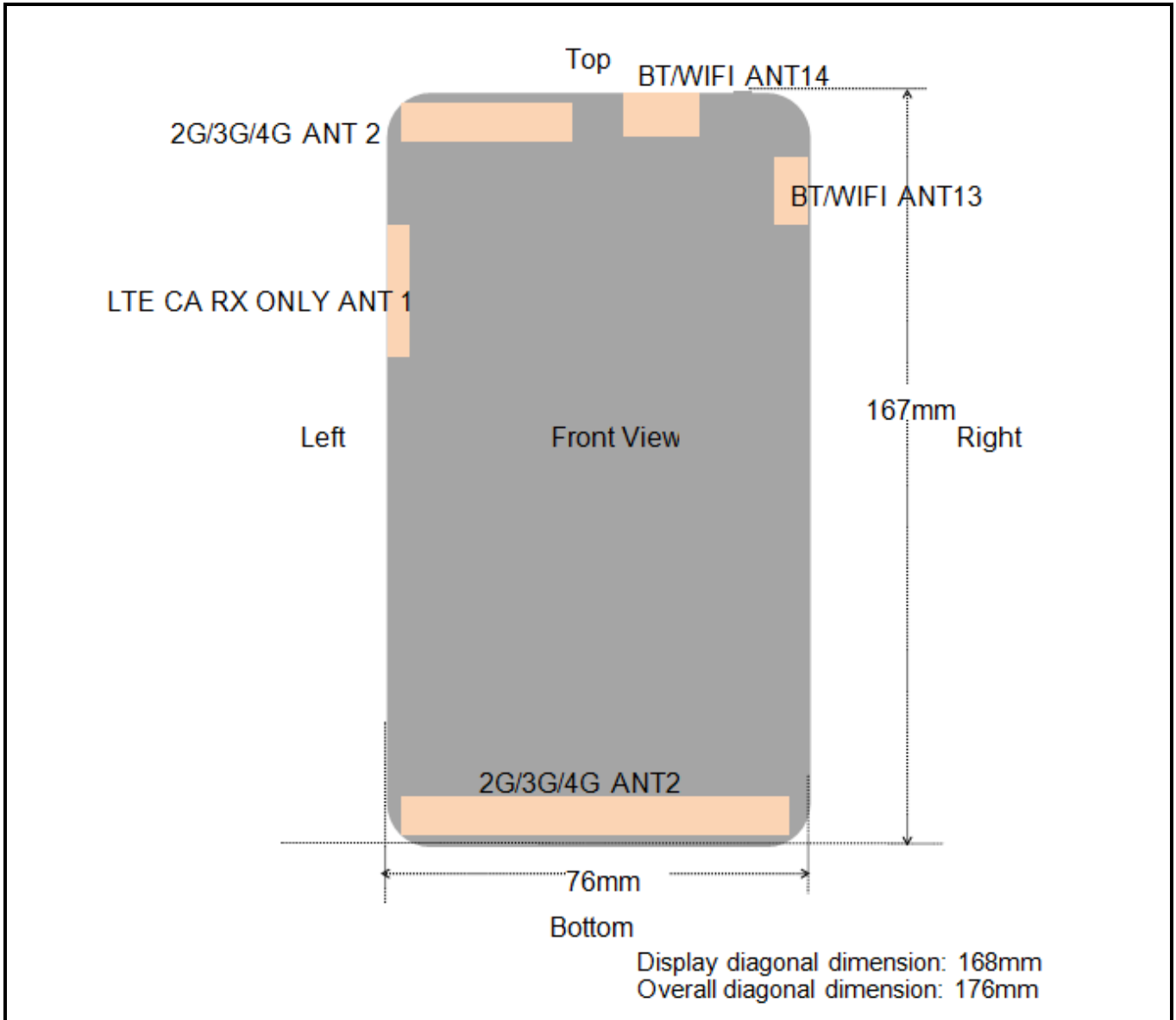


Fig.14.1 EUT Antenna Locations

Note: This antenna diagram is only used as a reference for the distance from the antenna to each edge. For the specific shape of the antenna, please refer to the physical photo.

## 14.2 Test Positions Consideration

Distance of Antennas to EUT edge/surface Test distance: 10mm						
Antennas	Front	Back	Left Side	Right Side	Top Side	Bottom Side
2G/3G/4GANT0	<25mm	<25mm	<25mm	<25mm	155mm	<25mm
2G/3G/4GANT2	<25mm	<25mm	<25mm	35mm	<25mm	150mm
WLAN & Bluetooth ANT13	<25mm	<25mm	70mm	<25mm	<25mm	132mm
WLAN & Bluetooth ANT14	<25mm	<25mm	45mm	<25mm	<25mm	153mm

Test Positions Test distance: 10mm						
Antennas	Front	Back	Left Side	Right Side	Top Side	Bottom Side
2G/3G/4GANT0	Yes	Yes	Yes	Yes	No	Yes
2G/3G/4GANT2	Yes	Yes	Yes	No	Yes	No
WLAN & Bluetooth ANT13	Yes	Yes	No	Yes	Yes	No
WLAN & Bluetooth ANT14	Yes	Yes	No	Yes	Yes	No

**Note:**

1. Head/Body-worn/Hotspot mode SAR assessments are required.
2. Referring to KDB 941225 D06 v02r01, when the overall device length and width are  $\geq 9\text{cm} * 5\text{cm}$ , the test distance is 10mm. SAR must be measured for all sides and surfaces with a transmitting antenna located within 25mm from that surface or edge.
3. Per KDB 447498 D04v01, for handsets the test separation distance is determined by the smallest distance between the outer surface of the device and the user, which is 0 mm for head SAR, 10 mm for hotspot SAR, and 10 mm for body-worn SAR.
4. Per KDB 648474 D04 v01r03, when hotspot mode applies, 10-g extremity SAR is required only for the surfaces and edges with hotspot mode 1-g reported SAR > 1.2 W/kg

## 15 SAR Test Results Summary

### 15.1 Standalone Head SAR Data

➤ GSM Head SAR

Plot No.	Band/Mode	ANT	Test Position	CH.	Freq. (MHz)	Ave. Power (dBm)	Power Drift (dB)	Tune-Up Limit (dBm)	Meas. SAR <sub>1g</sub> (W/kg)	Scaling Factor	Reported SAR <sub>1g</sub> (W/kg)
1	GSM850/Voice	2	Right Cheek	190	836.6	33.85	0.13	34.0	0.602	1.035	0.623
	GSM850/Voice	2	Right Tilted	190	836.6	33.85	0.04	34.0	<b>0.750</b>	1.035	0.776
	GSM850/Voice	2	Left Cheek	190	836.6	33.85	-0.12	34.0	0.313	1.035	0.324
	GSM850/Voice	2	Left Tilted	190	836.6	33.85	0.01	34.0	0.541	1.035	0.560
	GSM850/Voice	0	Right Cheek	190	836.6	33.81	-0.03	34.0	0.019	1.045	0.020
	GSM850/Voice	0	Right Tilted	190	836.6	33.81	-0.04	34.0	0.008	1.045	0.008
	GSM850/Voice	0	Left Cheek	190	836.6	33.81	-0.05	34.0	0.018	1.045	0.019
	GSM850/Voice	0	Left Tilted	190	836.6	33.81	0.00	34.0	0.008	1.045	0.008
2	PCS1900/Voice	2	Right Cheek	661	1880	30.98	0.19	31.0	0.654	1.005	0.657
	PCS1900/Voice	2	Right Tilted	661	1880	30.98	0.06	31.0	0.845	1.005	0.849
	PCS1900/Voice	2	Left Cheek	661	1880	30.98	0.02	31.0	0.471	1.005	0.473
	PCS1900/Voice	2	Left Tilted	661	1880	30.98	-0.17	31.0	0.624	1.005	0.627
	PCS1900/Voice	2	Right Tilted	512	1850.2	30.84	0.04	31.0	<b>0.924</b>	1.038	0.959
	PCS1900/Voice	2	Right Tilted	810	1909.8	30.88	0.02	31.0	0.916	1.028	0.942
	PCS1900/Voice	0	Right Cheek	661	1880	30.88	-0.01	31.0	0.049	1.028	0.050
	PCS1900/Voice	0	Right Tilted	661	1880	30.88	-0.12	31.0	0.020	1.028	0.021
	PCS1900/Voice	0	Left Cheek	661	1880	30.88	0.03	31.0	0.047	1.028	0.048
	PCS1900/Voice	0	Left Tilted	661	1880	30.88	-0.11	31.0	0.018	1.028	0.019
	PCS1900/Voice	2	Right Tilted	512	1850.2	30.84	0.05	31.0	<b>0.911</b>	<b>1.038</b>	<b>0.946</b>
	<b>ANSI / IEEE C95.1 – SAFETY LIMIT</b>						<b>1.6 W/kg (mW/g)</b>				
<b>Spatial Peak</b>											
<b>Uncontrolled Exposure/General Population</b>						<b>Averaged over 1g</b>					

➤ WCDMA Head SAR

Plot No.	Band/Mode	ANT	Test Position	CH.	Freq. (MHz)	Ave. Power (dBm)	Power Drift (dB)	Tune-Up Limit (dBm)	Meas. SAR <sub>1g</sub> (W/kg)	Scaling Factor	Reported SAR <sub>1g</sub> (W/kg)
3	Band II/RMC	2	Right Cheek	9400	1880	23.99	-0.02	24.0	0.410	1.002	0.411
	Band II/RMC	2	Right Tilted	9400	1880	23.99	0.04	24.0	<b>0.591</b>	1.002	0.592
	Band II/RMC	2	Left Cheek	9400	1880	23.99	-0.09	24.0	0.284	1.002	0.285
	Band II/RMC	2	Left Tilted	9400	1880	23.99	0.17	24.0	0.426	1.002	0.427
	Band II/RMC	0	Right Cheek	9400	1880	23.75	0.03	24.0	0.115	1.059	0.122
	Band II/RMC	0	Right Tilted	9400	1880	23.75	0.20	24.0	0.032	1.059	0.034
	Band II/RMC	0	Left Cheek	9400	1880	23.75	0.18	24.0	0.080	1.059	0.085
	Band II/RMC	0	Left Tilted	9400	1880	23.75	0.01	24.0	0.025	1.059	0.026
4	Band IV/RMC	2	Right Cheek	1312	1712.4	23.95	-0.17	24.0	0.509	1.012	0.515
	Band IV/RMC	2	Right Tilted	1312	1712.4	23.95	0.04	24.0	<b>0.653</b>	1.012	0.661
	Band IV/RMC	2	Left Cheek	1312	1712.4	23.95	-0.06	24.0	0.345	1.012	0.349
	Band IV/RMC	2	Left Tilted	1312	1712.4	23.95	-0.01	24.0	0.441	1.012	0.446
	Band IV/RMC	0	Right Cheek	1312	1712.4	23.71	0.08	24.0	0.024	1.069	0.025
	Band IV/RMC	0	Right Tilted	1312	1712.4	23.71	0.00	24.0	0.008	1.069	0.009
	Band IV/RMC	0	Left Cheek	1312	1712.4	23.71	-0.01	24.0	0.022	1.069	0.023
	Band IV/RMC	0	Left Tilted	1312	1712.4	23.71	-0.03	24.0	0.006	1.069	0.006
	Band V/RMC	2	Right Cheek	4183	836.6	24.21	0.07	24.5	0.639	1.069	0.683
	Band V/RMC	2	Right Tilted	4183	836.6	24.21	-0.06	24.5	0.874	1.069	0.934
	Band V/RMC	2	Left Cheek	4183	836.6	24.21	0.15	24.5	0.327	1.069	0.350
	Band V/RMC	2	Left Tilted	4183	836.6	24.21	-0.07	24.5	0.605	1.069	0.647
5	Band V/RMC	2	Right Tilted	4132	826.4	24.10	0.02	24.5	0.791	1.096	0.867
	Band V/RMC	2	Right Tilted	4233	846.6	24.14	0.01	24.5	<b>0.914</b>	1.086	0.993
	Band V/RMC	0	Right Cheek	4183	836.6	24.29	-0.07	24.5	0.064	1.05	0.067
	Band V/RMC	0	Right Tilted	4183	836.6	24.29	0.02	24.5	0.027	1.05	0.028
	Band V/RMC	0	Left Cheek	4183	836.6	24.29	0.05	24.5	0.066	1.05	0.069
	Band V/RMC	0	Left Tilted	4183	836.6	24.29	-0.10	24.5	0.027	1.05	0.028
	Band V/RMC	2	Right Tilted	4233	846.6	24.14	0.06	24.5	<b>0.907</b>	<b>1.086</b>	<b>0.985</b>
<b>ANSI / IEEE C95.1 – SAFETY LIMIT</b>						<b>1.6 W/kg (mW/g)</b>					
<b>Spatial Peak</b>											
<b>Uncontrolled Exposure/General Population</b>						<b>Averaged over 1g</b>					

➤ FDD-LTE Band 7(20MHz) QPSK Head SAR

Plot No.	Band/Mode	ANT	Test Position	CH.	Freq. (MHz)	Ave. Power (dBm)	Power Drift (dB)	Tune-Up Limit (dBm)	Meas. SAR <sub>1g</sub> (W/kg)	Scaling Factor	Reported SAR <sub>1g</sub> (W/kg)
6	Band7/1RB#49	2	Right Cheek	20850	2510	24.02	-0.12	24.5	0.391	1.117	0.437
	Band7/1RB#49	2	Right Tilted	20850	2510	24.02	0.03	24.5	<b>0.537</b>	1.117	0.600
	Band7C/1RB#99 CA	2	Right Tilted	20850	2510	23.73	0.05	24.0	0.335	1.064	0.356
	Band7/1RB#49	2	Left Cheek	20850	2510	24.02	0.14	24.5	0.273	1.117	0.305
	Band7/1RB#49	2	Left Tilted	20850	2510	24.02	-0.09	24.5	0.386	1.117	0.431
	Band7/50%RB#49	2	Right Cheek	20850	2510	22.82	0.11	23.0	0.343	1.042	0.357
	Band7/50%RB#49	2	Right Tilted	20850	2510	22.82	-0.08	23.0	0.471	1.042	0.491
	Band7/50%RB#49	2	Left Cheek	20850	2510	22.82	0.03	23.0	0.239	1.042	0.249
	Band7/50%RB#49	2	Left Tilted	20850	2510	22.82	-0.13	23.0	0.338	1.042	0.352
	Band7/1RB#49	0	Right Cheek	21100	2535	23.77	-0.20	24.0	0.098	1.054	0.103
	Band7C/1RB#99 CA	0	Right Cheek	21100	2535	20.95	-0.06	21.5	0.023	1.135	0.026
	Band7/1RB#49	0	Right Tilted	21100	2535	23.77	0.05	24.0	0.040	1.054	0.042
	Band7/1RB#49	0	Left Cheek	21100	2535	23.77	0.18	24.0	0.092	1.054	0.097
	Band7/1RB#49	0	Left Tilted	21100	2535	23.77	-0.07	24.0	0.035	1.054	0.037
	Band7/50%RB#49	0	Right Cheek	21100	2535	22.69	0.20	23.0	0.084	1.074	0.090
	Band7/50%RB#49	0	Right Tilted	21100	2535	22.69	-0.06	23.0	0.032	1.074	0.034
Band7/50%RB#49	0	Left Cheek	21100	2535	22.69	-0.11	23.0	0.077	1.074	0.083	
Band7/50%RB#49	0	Left Tilted	21100	2535	22.69	0.15	23.0	0.028	1.074	0.030	
<b>ANSI / IEEE C95.1 – SAFETY LIMIT</b>											
<b>Spatial Peak</b>						<b>1.6 W/kg (mW/g)</b>					
<b>Uncontrolled Exposure/General Population</b>						<b>Averaged over 1g</b>					

➤ FDD-LTE Band 12(10MHz) QPSK Head SAR

Plot No.	Band/Mode	ANT	Test Position	CH.	Freq. (MHz)	Ave. Power (dBm)	Power Drift (dB)	Tune-Up Limit (dBm)	Meas. SAR <sub>1g</sub> (W/kg)	Scaling Factor	Reported SAR <sub>1g</sub> (W/kg)
7	Band12/1RB#49	2	Right Cheek	23095	707.5	24.54	0.18	25.0	0.202	1.112	0.225
	Band12/1RB#49	2	Right Tilted	23095	707.5	24.54	0.11	25.0	<b>0.252</b>	1.112	0.280
	Band12/1RB#49	2	Left Cheek	23095	707.5	24.54	-0.07	25.0	0.105	1.112	0.117
	Band12/1RB#49	2	Left Tilted	23095	707.5	24.54	-0.02	25.0	0.182	1.112	0.202
	Band12/50%RB#0	2	Right Cheek	23130	711	23.48	-0.01	23.5	0.162	1.005	0.163
	Band12/50%RB#0	2	Right Tilted	23130	711	23.48	0.09	23.5	0.209	1.005	0.210
	Band12/50%RB#0	2	Left Cheek	23130	711	23.48	0.16	23.5	0.083	1.005	0.083
	Band12/50%RB#0	2	Left Tilted	23130	711	23.48	0.18	23.5	0.151	1.005	0.152
	Band12/1RB#49	0	Right Cheek	23130	711	24.72	-0.03	25.0	0.076	1.067	0.081
	Band12/1RB#49	0	Right Tilted	23130	711	24.72	0.11	25.0	0.029	1.067	0.031
	Band12/1RB#49	0	Left Cheek	23130	711	24.72	0.04	25.0	0.066	1.067	0.070
	Band12/1RB#49	0	Left Tilted	23130	711	24.72	0.19	25.0	0.024	1.067	0.026
	Band12/50%RB#12	0	Right Cheek	23130	711	23.58	0.04	24.0	0.064	1.102	0.071
	Band12/50%RB#12	0	Right Tilted	23130	711	23.58	0.09	24.0	0.025	1.102	0.028
	Band12/50%RB#12	0	Left Cheek	23130	711	23.58	-0.07	24.0	0.055	1.102	0.061
	Band12/50%RB#12	0	Left Tilted	23130	711	23.58	0.18	24.0	0.021	1.102	0.023
<b>ANSI / IEEE C95.1 – SAFETY LIMIT</b>											
<b>Spatial Peak</b>						<b>1.6 W/kg (mW/g)</b>					
<b>Uncontrolled Exposure/General Population</b>						<b>Averaged over 1g</b>					

➤ FDD-LTE Band 13(10MHz) QPSK Head SAR

Plot No.	Band/Mode	ANT	Test Position	CH.	Freq. (MHz)	Ave. Power (dBm)	Power Drift (dB)	Tune-Up Limit (dBm)	Meas. SAR <sub>1g</sub> (W/kg)	Scaling Factor	Reported SAR <sub>1g</sub> (W/kg)
	Band13/1RB#49	2	Right Cheek	23230	782	24.39	-0.17	25.0	0.193	1.151	0.222
8	Band13/1RB#49	2	Right Tilted	23230	782	24.39	0.13	25.0	<b>0.240</b>	1.151	0.276
	Band13/1RB#49	2	Left Cheek	23230	782	24.39	-0.11	25.0	0.100	1.151	0.115
	Band13/1RB#49	2	Left Tilted	23230	782	24.39	0.03	25.0	0.173	1.151	0.199
	Band13/50%RB#0	2	Right Cheek	23230	782	23.26	0.01	23.5	0.171	1.057	0.181
	Band13/50%RB#0	2	Right Tilted	23230	782	23.26	-0.15	23.5	0.210	1.057	0.222
	Band13/50%RB#0	2	Left Cheek	23230	782	23.26	-0.03	23.5	0.088	1.057	0.093
	Band13/50%RB#0	2	Left Tilted	23230	782	23.26	-0.09	23.5	0.151	1.057	0.160
	Band13/1RB#49	0	Right Cheek	23230	782	24.57	0.01	25.0	0.103	1.104	0.114
	Band13/1RB#49	0	Right Tilted	23230	782	24.57	0.02	25.0	0.044	1.104	0.049
	Band13/1RB#49	0	Left Cheek	23230	782	24.57	-0.18	25.0	0.097	1.104	0.107
	Band13/1RB#49	0	Left Tilted	23230	782	24.57	0.16	25.0	0.043	1.104	0.047
	Band13/50%RB#12	0	Right Cheek	23230	782	23.36	-0.20	23.5	0.093	1.033	0.096
	Band13/50%RB#12	0	Right Tilted	23230	782	23.36	0.02	23.5	0.040	1.033	0.041
	Band13/50%RB#12	0	Left Cheek	23230	782	23.36	-0.03	23.5	0.089	1.033	0.092
	Band13/50%RB#12	0	Left Tilted	23230	782	23.36	0.15	23.5	0.037	1.033	0.038
<b>ANSI / IEEE C95.1 – SAFETY LIMIT</b>											
<b>Spatial Peak</b>						<b>1.6 W/kg (mW/g)</b>					
<b>Uncontrolled Exposure/General Population</b>						<b>Averaged over 1g</b>					

➤ FDD-LTE Band 25(20MHz) QPSK Head SAR

Plot No.	Band/Mode	ANT	Test Position	CH.	Freq. (MHz)	Ave. Power (dBm)	Power Drift (dB)	Tune-Up Limit (dBm)	Meas. SAR <sub>1g</sub> (W/kg)	Scaling Factor	Reported SAR <sub>1g</sub> (W/kg)
	Band25/1RB#49	2	Right Cheek	26590	1905	24.34	0.16	24.5	0.457	1.038	0.474
9	Band25/1RB#49	2	Right Tilted	26590	1905	24.34	0.02	24.5	<b>0.591</b>	1.038	0.613
	Band2/1RB#99 CA	2	Right Tilted	19100	1900	23.80	-0.07	24.5	0.481	1.175	0.565
	Band25/1RB#49	2	Left Cheek	26590	1905	24.34	0.19	24.5	0.329	1.038	0.342
	Band25/1RB#49	2	Left Tilted	26590	1905	24.34	0.05	24.5	0.436	1.038	0.453
	Band25/50%RB#49	2	Right Cheek	26365	1882.5	23.23	0.04	23.5	0.407	1.064	0.433
	Band25/50%RB#49	2	Right Tilted	26365	1882.5	23.23	0.20	23.5	0.528	1.064	0.562
	Band25/50%RB#49	2	Left Cheek	26365	1882.5	23.23	-0.01	23.5	0.291	1.064	0.310
	Band25/50%RB#49	2	Left Tilted	26365	1882.5	23.23	-0.07	23.5	0.388	1.064	0.413
	Band25/1RB#49	0	Right Cheek	26590	1905	24.25	-0.14	24.5	0.118	1.059	0.125
	Band2/1RB#99 CA	0	Right Cheek	19100	1900	21.43	-0.04	22.0	0.019	1.14	0.022
	Band25/1RB#49	0	Right Tilted	26590	1905	24.25	0.04	24.5	0.048	1.059	0.051
	Band25/1RB#49	0	Left Cheek	26590	1905	24.25	-0.06	24.5	0.113	1.059	0.120
	Band25/1RB#49	0	Left Tilted	26590	1905	24.25	-0.13	24.5	0.042	1.059	0.044
	Band25/50%RB#0	0	Right Cheek	26365	1882.5	23.17	-0.19	23.5	0.104	1.079	0.112
	Band25/50%RB#0	0	Right Tilted	26365	1882.5	23.17	-0.06	23.5	0.042	1.079	0.045
	Band25/50%RB#0	0	Left Cheek	26365	1882.5	23.17	0.11	23.5	0.099	1.079	0.107
	Band25/50%RB#0	0	Left Tilted	26365	1882.5	23.17	-0.02	23.5	0.037	1.079	0.040
<b>ANSI / IEEE C95.1 – SAFETY LIMIT</b>											
<b>Spatial Peak</b>						<b>1.6 W/kg (mW/g)</b>					
<b>Uncontrolled Exposure/General Population</b>						<b>Averaged over 1g</b>					

➤ FDD-LTE Band 26(15MHz) QPSK Head SAR

Plot No.	Band/Mode	ANT	Test Position	CH.	Freq. (MHz)	Ave. Power (dBm)	Power Drift (dB)	Tune-Up Limit (dBm)	Meas. SAR <sub>1g</sub> (W/kg)	Scaling Factor	Reported SAR <sub>1g</sub> (W/kg)
10	Band26/1RB#74	2	Right Cheek	26865	831.5	24.43	0.02	24.5	0.562	1.016	0.571
	Band26/1RB#74	2	Right Tilted	26865	831.5	24.43	0.09	24.5	<b>0.708</b>	1.016	0.719
	Band5/1RB#49 CA	2	Right Tilted	20476	831.6	24.29	-0.08	24.5	0.566	1.05	0.594
	Band26/1RB#74	2	Left Cheek	26865	831.5	24.43	-0.13	24.5	0.294	1.016	0.299
	Band26/1RB#74	2	Left Tilted	26865	831.5	24.43	0.05	24.5	0.511	1.016	0.519
	Band26/50%RB#35	2	Right Cheek	26865	831.5	23.75	0.18	24.0	0.494	1.059	0.523
	Band26/50%RB#35	2	Right Tilted	26865	831.5	23.75	-0.05	24.0	0.624	1.059	0.661
	Band26/50%RB#35	2	Left Cheek	26865	831.5	23.75	0.11	24.0	0.259	1.059	0.274
	Band26/50%RB#35	2	Left Tilted	26865	831.5	23.75	0.03	24.0	0.450	1.059	0.477
	Band26/1RB#37	0	Right Cheek	26965	841.5	24.52	0.07	25.0	0.128	1.117	0.143
Band5/1RB#49 CA	0	Right Cheek	20501	834.1	22.33	-0.08	24.0	0.056	1.469	0.083	
Band26/1RB#37	0	Right Tilted	26965	841.5	24.52	0.09	25.0	0.051	1.117	0.057	
Band26/1RB#37	0	Left Cheek	26965	841.5	24.52	0.04	25.0	0.096	1.117	0.107	
Band26/1RB#37	0	Left Tilted	26965	841.5	24.52	-0.13	25.0	0.037	1.117	0.041	
Band26/50%RB#35	0	Right Cheek	26865	831.5	23.81	-0.08	24.0	0.112	1.045	0.117	
Band26/50%RB#35	0	Right Tilted	26865	831.5	23.81	-0.12	24.0	0.044	1.045	0.046	
Band26/50%RB#35	0	Left Cheek	26865	831.5	23.81	0.14	24.0	0.081	1.045	0.085	
Band26/50%RB#35	0	Left Tilted	26865	831.5	23.81	0.18	24.0	0.031	1.045	0.032	
<b>ANSI / IEEE C95.1 – SAFETY LIMIT</b>											
<b>Spatial Peak</b>						<b>1.6 W/kg (mW/g)</b>					
<b>Uncontrolled Exposure/General Population</b>						<b>Averaged over 1g</b>					

➤ TDD-LTE Band41(20MHz) QPSK Head SAR

Plot No	Band/Mode	ANT	Test Position	CH.	Freq. (MHz)	Ave. Power (dBm)	Power Drift (dB)	Tune-Up Limit (dBm)	Meas. SAR <sub>1g</sub> (W/kg)	Scaling Factor	D.C Factor	Reported SAR <sub>1g</sub> (W/kg)
11	Band41/1RB#49	2	Right Cheek	39750	2506	23.99	0.10	24.5	0.349	1.125	1.008	0.396
	Band41/1RB#49	2	Right Tilted	39750	2506	23.99	0.04	24.5	<b>0.493</b>	1.125	1.008	0.559
	Band41/1RB#99 CA	2	Right Tilted	39750	2506	23.54	-0.07	24.5	0.209	1.247	1.008	0.263
	Band41/1RB#49	2	Left Cheek	39750	2506	23.99	0.06	24.5	0.231	1.125	1.008	0.262
	Band41/1RB#49	2	Left Tilted	39750	2506	23.99	-0.06	24.5	0.355	1.125	1.008	0.403
	Band41/50%RB#0	2	Right Cheek	40620	2593	22.86	0.19	23.0	0.313	1.033	1.008	0.326
	Band41/50%RB#0	2	Right Tilted	40620	2593	22.86	0.16	23.0	0.456	1.033	1.008	0.475
	Band41/50%RB#0	2	Left Cheek	40620	2593	22.86	0.09	23.0	0.203	1.033	1.008	0.211
	Band41/50%RB#0	2	Left Tilted	40620	2593	22.86	0.07	23.0	0.317	1.033	1.008	0.330
	Band41/1RB#49	0	Right Cheek	40620	2593	23.96	0.03	24.0	0.074	1.009	1.008	0.075
Band41/1RB#99 CA	0	Right Cheek	40620	2593	20.80	0.14	21.5	0.021	1.175	1.008	0.025	
Band41/1RB#49	0	Right Tilted	40620	2593	23.96	-0.14	24.0	0.030	1.009	1.008	0.031	
Band41/1RB#49	0	Left Cheek	40620	2593	23.96	0.00	24.0	0.069	1.009	1.008	0.070	
Band41/1RB#49	0	Left Tilted	40620	2593	23.96	-0.16	24.0	0.026	1.009	1.008	0.026	
Band41/50%RB#0	0	Right Cheek	41490	2680	22.80	0.00	23.0	0.065	1.047	1.008	0.069	
Band41/50%RB#0	0	Right Tilted	41490	2680	22.80	0.08	23.0	0.026	1.047	1.008	0.027	
Band41/50%RB#0	0	Left Cheek	41490	2680	22.80	-0.20	23.0	0.061	1.047	1.008	0.064	
Band41/50%RB#0	0	Left Tilted	41490	2680	22.80	0.16	23.0	0.021	1.047	1.008	0.022	
<b>ANSI / IEEE C95.1 – SAFETY LIMIT</b>												
<b>Spatial Peak</b>						<b>1.6 W/kg (mW/g)</b>						
<b>Uncontrolled Exposure/General Population</b>						<b>Averaged over 1g</b>						



➤ FDD-LTE Band 66(20MHz) QPSK Head SAR

Plot No.	Band/Mode	ANT	Test Position	CH.	Freq. (MHz)	Ave. Power (dBm)	Power Drift (dB)	Tune-Up Limit (dBm)	Meas. SAR <sub>1g</sub> (W/kg)	Scaling Factor	Reported SAR <sub>1g</sub> (W/kg)
12	Band66/1RB#49	2	Right Cheek	132322	1745	24.21	0.05	24.5	0.349	1.069	0.373
	Band66/1RB#49	2	Right Tilted	132322	1745	24.21	0.03	24.5	<b>0.451</b>	1.069	0.482
	Band66/1RB#99 CA	2	Right Tilted	132322	1745	21.30	-0.02	22.0	0.408	1.175	0.479
	Band66/1RB#49	2	Left Cheek	132322	1745	24.21	0.01	24.5	0.251	1.069	0.268
	Band66/1RB#49	2	Left Tilted	132322	1745	24.21	0.10	24.5	0.333	1.069	0.356
	Band66/50%RB#49	2	Right Cheek	132322	1745	23.07	0.05	23.5	0.306	1.104	0.338
	Band66/50%RB#49	2	Right Tilted	132322	1745	23.07	-0.01	23.5	0.396	1.104	0.437
	Band66/50%RB#49	2	Left Cheek	132322	1745	23.07	0.12	23.5	0.221	1.104	0.244
	Band66/50%RB#49	2	Left Tilted	132322	1745	23.07	0.04	23.5	0.292	1.104	0.322
	Band66/1RB#49	0	Right Cheek	132322	1745	24.05	-0.10	24.5	0.086	1.109	0.095
	Band66/1RB#99 CA	0	Right Cheek	132322	1745	20.71	0.20	21.5	0.026	1.199	0.031
	Band66/1RB#49	0	Right Tilted	132322	1745	24.05	-0.07	24.5	0.034	1.109	0.038
Band66/1RB#49	0	Left Cheek	132322	1745	24.05	0.03	24.5	0.081	1.109	0.090	
Band66/1RB#49	0	Left Tilted	132322	1745	24.05	-0.14	24.5	0.030	1.109	0.033	
Band66/50%RB#24	0	Right Cheek	132072	1720	22.91	-0.20	23.0	0.076	1.021	0.078	
Band66/50%RB#24	0	Right Tilted	132072	1720	22.91	-0.12	23.0	0.029	1.021	0.030	
Band66/50%RB#24	0	Left Cheek	132072	1720	22.91	-0.04	23.0	0.070	1.021	0.071	
Band66/50%RB#24	0	Left Tilted	132072	1720	22.91	0.03	23.0	0.026	1.021	0.027	
<b>ANSI / IEEE C95.1 – SAFETY LIMIT</b>											
<b>Spatial Peak</b>						<b>1.6 W/kg (mW/g)</b>					
<b>Uncontrolled Exposure/General Population</b>						<b>Averaged over 1g</b>					

➤ WLAN 2.4 GHz Head SAR

Plot No	Band/Mode	ANT	Test Position	CH.	Freq. (MHz)	Ave. Power (dBm)	Power Drift (dB)	Tune-Up Limit (dBm)	Meas. SAR <sub>1g</sub> (W/kg)	Scaling Factor	D.C Factor	Reported SAR <sub>1g</sub> (W/kg)
13	2.4GHz/802.11b	13	Right Cheek	6	2437	17.38	-0.02	17.5	0.163	1.028	1.000	0.168
	2.4GHz/802.11b	13	Right Tilted	6	2437	17.38	0.01	17.5	0.085	1.028	1.000	0.087
	2.4GHz/802.11b	13	Left Cheek	6	2437	17.38	0.05	17.5	<b>0.240</b>	1.028	1.000	0.247
	2.4GHz/802.11b	13	Left Tilted	6	2437	17.38	0.10	17.5	0.121	1.028	1.000	0.124
	2.4GHz/802.11b	14	Right Cheek	1	2412	17.52	-0.09	18.0	0.126	1.117	1.000	0.141
	2.4GHz/802.11b	14	Right Tilted	1	2412	17.52	0.04	18.0	0.109	1.117	1.000	0.122
	2.4GHz/802.11b	14	Left Cheek	1	2412	17.52	0.16	18.0	0.154	1.117	1.000	0.172
	2.4GHz/802.11b	14	Left Tilted	1	2412	17.52	0.04	18.0	0.141	1.117	1.000	0.157
	<b>ANSI / IEEE C95.1 – SAFETY LIMIT</b>											
	<b>Spatial Peak</b>						<b>1.6 W/kg (mW/g)</b>					
<b>Uncontrolled Exposure/General Population</b>						<b>Averaged over 1g</b>						

➤ WLAN 5.2 GHz Head SAR

Plot No	Band/Mode	ANT	Test Position	CH.	Freq. (MHz)	Ave. Power (dBm)	Power Drift (dB)	Tune-Up Limit (dBm)	Meas. SAR <sub>1g</sub> (W/kg)	Scaling Factor	D.C Factor	Reported SAR <sub>1g</sub> (W/kg)
14	5.2GHz/802.11a	13	Right Cheek	40	5200	16.85	0.07	17.0	0.139	1.035	1.000	0.144
	5.2GHz/802.11a	13	Right Tilted	40	5200	16.85	0.12	17.0	0.071	1.035	1.000	0.073
	5.2GHz/802.11a	13	Left Cheek	40	5200	16.85	-0.05	17.0	0.203	1.035	1.000	0.210
	5.2GHz/802.11a	13	Left Tilted	40	5200	16.85	-0.18	17.0	0.114	1.035	1.000	0.118
	5.2GHz/802.11a	14	Right Cheek	48	5240	16.08	0.16	16.5	0.114	1.102	1.000	0.126
	5.2GHz/802.11a	14	Right Tilted	48	5240	16.08	0.03	16.5	0.077	1.102	1.000	0.085
	5.2GHz/802.11a	14	Left Cheek	48	5240	16.08	-0.01	16.5	0.156	1.102	1.000	0.172
	5.2GHz/802.11a	14	Left Tilted	48	5240	16.08	0.04	16.5	<b>0.227</b>	1.102	1.000	0.250
	<b>ANSI / IEEE C95.1 – SAFETY LIMIT</b>											
	<b>Spatial Peak</b>						<b>1.6 W/kg (mW/g)</b>					
<b>Uncontrolled Exposure/General Population</b>						<b>Averaged over 1g</b>						

➤ WLAN 5.3 GHz Head SAR

Plot No	Band/Mode	ANT	Test Position	CH.	Freq. (MHz)	Ave. Power (dBm)	Power Drift (dB)	Tune-Up Limit (dBm)	Meas. SAR <sub>1g</sub> (W/kg)	Scaling Factor	D.C Factor	Reported SAR <sub>1g</sub> (W/kg)
	5.3GHz/802.11a	13	Right Cheek	56	5280	17.03	-0.04	17.5	0.102	1.114	1.000	0.114
	5.3GHz/802.11a	13	Right Tilted	56	5280	17.03	0.13	17.5	0.052	1.114	1.000	0.058
	5.3GHz/802.11a	13	Left Cheek	56	5280	17.03	0.09	17.5	0.149	1.114	1.000	0.166
	5.3GHz/802.11a	13	Left Tilted	56	5280	17.03	0.17	17.5	0.084	1.114	1.000	0.094
	5.3GHz/802.11ac	14	Right Cheek	56	5280	17.02	0.12	17.5	0.091	1.117	1.000	0.102
	5.3GHz/802.11ac	14	Right Tilted	56	5280	17.02	0.02	17.5	0.060	1.117	1.000	0.067
	5.3GHz/802.11ac	14	Left Cheek	56	5280	17.02	0.03	17.5	0.128	1.117	1.000	0.143
15	5.3GHz/802.11ac	14	Left Tilted	56	5280	17.02	0.07	17.5	<b>0.192</b>	1.117	1.000	0.214
<b>ANSI / IEEE C95.1 – SAFETY LIMIT Spatial Peak Uncontrolled Exposure/General Population</b>								<b>1.6 W/kg (mW/g) Averaged over 1g</b>				

➤ WLAN 5.6 GHz Head SAR

Plot No	Band/Mode	ANT	Test Position	CH.	Freq. (MHz)	Ave. Power (dBm)	Power Drift (dB)	Tune-Up Limit (dBm)	Meas. SAR <sub>1g</sub> (W/kg)	Scaling Factor	D.C Factor	Reported SAR <sub>1g</sub> (W/kg)
	5.6GHz/802.11a	13	Right Cheek	120	5600	14.57	0.08	15.0	0.104	1.104	1.000	0.115
	5.6GHz/802.11a	13	Right Tilted	120	5600	14.57	0.16	15.0	0.053	1.104	1.000	0.059
	5.6GHz/802.11a	13	Left Cheek	120	5600	14.57	0.00	15.0	0.152	1.104	1.000	0.168
	5.6GHz/802.11a	13	Left Tilted	120	5600	14.57	0.01	15.0	0.085	1.104	1.000	0.094
	5.6GHz/802.11ac	14	Right Cheek	100	5500	10.89	-0.11	11.0	0.121	1.026	1.000	0.124
	5.6GHz/802.11ac	14	Right Tilted	100	5500	10.89	-0.07	11.0	0.084	1.026	1.000	0.086
	5.6GHz/802.11ac	14	Left Cheek	100	5500	10.89	0.14	11.0	0.176	1.026	1.000	0.181
16	5.6GHz/802.11ac	14	Left Tilted	100	5500	10.89	0.08	11.0	<b>0.256</b>	1.026	1.000	0.263
<b>ANSI / IEEE C95.1 – SAFETY LIMIT Spatial Peak Uncontrolled Exposure/General Population</b>								<b>1.6 W/kg (mW/g) Averaged over 1g</b>				

➤ WLAN 5.8 GHz Head SAR

Plot No	Band/Mode	ANT	Test Position	CH.	Freq. (MHz)	Ave. Power (dBm)	Power Drift (dB)	Tune-Up Limit (dBm)	Meas. SAR <sub>1g</sub> (W/kg)	Scaling Factor	D.C Factor	Reported SAR <sub>1g</sub> (W/kg)
	5.8GHz/802.11a	13	Right Cheek	157	5785	16.18	-0.14	17.0	0.092	1.208	1.000	0.111
	5.8GHz/802.11a	13	Right Tilted	157	5785	16.18	-0.02	17.0	0.048	1.208	1.000	0.058
	5.8GHz/802.11a	13	Left Cheek	157	5785	16.18	-0.09	17.0	0.136	1.208	1.000	0.164
	5.8GHz/802.11a	13	Left Tilted	157	5785	16.18	-0.04	17.0	0.076	1.208	1.000	0.092
	5.8GHz/802.11a	14	Right Cheek	165	5825	17.15	-0.02	17.5	0.128	1.084	1.000	0.139
	5.8GHz/802.11a	14	Right Tilted	165	5825	17.15	-0.10	17.5	0.085	1.084	1.000	0.092
	5.8GHz/802.11a	14	Left Cheek	165	5825	17.15	0.01	17.5	0.181	1.084	1.000	0.196
17	5.8GHz/802.11a	14	Left Tilted	165	5825	17.15	0.01	17.5	<b>0.271</b>	1.084	1.000	0.294
<b>ANSI / IEEE C95.1 – SAFETY LIMIT Spatial Peak Uncontrolled Exposure/General Population</b>								<b>1.6 W/kg (mW/g) Averaged over 1g</b>				

➤ Bluetooth Head SAR

Plot No	Band/Mode	ANT	Test Position	CH.	Freq. (MHz)	Ave. Power (dBm)	Power Drift (dB)	Tune-Up Limit (dBm)	Meas. SAR <sub>1g</sub> (W/kg)	Scaling Factor	D.C Factor	Reported SAR <sub>1g</sub> (W/kg)
	BT/GFSK	13	Right Cheek	78	2480	17.09	-0.19	17.5	0.129	1.099	1.000	0.142
	BT/GFSK	13	Right Tilted	78	2480	17.09	0.16	17.5	0.067	1.099	1.000	0.074
18	BT/GFSK	13	Left Cheek	78	2480	17.09	0.09	17.5	<b>0.190</b>	1.099	1.000	0.209
	BT/GFSK	13	Left Tilted	78	2480	17.09	0.02	17.5	0.096	1.099	1.000	0.106
	BT/GFSK	14	Right Cheek	78	2480	16.46	0.15	16.5	0.059	1.009	1.000	0.060
	BT/GFSK	14	Right Tilted	78	2480	16.46	0.07	16.5	0.052	1.009	1.000	0.052
	BT/GFSK	14	Left Cheek	78	2480	16.46	0.17	16.5	0.073	1.009	1.000	0.074
	BT/GFSK	14	Left Tilted	78	2480	16.46	-0.12	16.5	0.067	1.009	1.000	0.068
<b>ANSI / IEEE C95.1 – SAFETY LIMIT Spatial Peak Uncontrolled Exposure/General Population</b>								<b>1.6 W/kg (mW/g) Averaged over 1g</b>				



**Note:**

1. Per KDB 447498 D04v01, for each exposure position, if the highest output power channel Reported SAR  $\leq 0.8$ W/kg, other channels SAR testing is not necessary.
2. Per KDB 865664 D01v01r04, for each frequency band, repeated SAR measurement is required when the measured SAR is  $\geq 0.8$ W/kg.
3. Per KDB 941225 D05v02r05, 100% RB allocation SAR measurement is not required when the highest reported SAR for 1 RB and 50% RB allocation are  $\leq 0.8$  W/kg.
4. Per KDB 248227 D01v02r02, for 802.11b DSSS , when the reported SAR of the highest measured maximum output power channel for the exposure configuration is  $\leq 0.8$  W/kg, no further SAR testing is required in that exposure configuration.
5. Per KDB 248227 D01v02r02, OFDM SAR is not required when the highest reported SAR for DSSS is adjusted by the ratio of OFDM to DSSS specified maximum output power and the adjusted SAR is  $\leq 1.2$  W/kg. Cuz the maximum output power specified for OFDM and DSSS are 44.67mW(16.5dBm) and 63.10mW(18.0dBm), the scaled SAR would be  $0.247 \times (44.67/63.10) = 0.175$ W/Kg  $< 1.2$  W/kg, therefore, SAR is not required for OFDM.
6. According to KDB 865664 D02v01r02, SAR plot is required for the highest measured SAR in each exposure configuration, wireless mode and frequency band combination
7. Highlight part of test data means repeated test.
8. \*: Due the antenna location and antenna performance results the SAR value lower than the lowest system limit, then we show " $<0.001$ \* W/Kg" in the report.

## 15.2 Standalone Body SAR

### > GSM Body SAR

Plot No.	Band/Mode	ANT	Test Position	CH.	Freq. (MHz)	Ave. Power (dBm)	Power Drift (dB)	Tune-Up Limit (dBm)	Meas. SAR <sub>1g</sub> (W/kg)	Scaling Factor	Reported SAR <sub>1g</sub> (W/kg)
	GPRS850/2 slots	2	Front	190	836.6	32.72	-0.02	33.0	0.341	1.067	0.364
19	GPRS850/2 slots	2	Back	190	836.6	32.72	-0.01	33.0	<b>0.516</b>	1.067	0.551
	GPRS850/2 slots	0	Front	190	836.6	32.65	-0.07	33.0	0.042	1.084	0.046
	GPRS850/2 slots	0	Back	190	836.6	32.65	-0.19	33.0	0.068	1.084	0.074
	GPRS1900/2 slots	2	Front	661	1880	30.19	-0.02	30.5	0.518	1.074	0.556
20	GPRS1900/2 slots	2	Back	661	1880	30.19	-0.10	30.5	<b>0.795</b>	1.074	0.854
	GPRS1900/2 slots	0	Front	661	1880	30.11	0.09	30.5	0.409	1.094	0.447
	GPRS1900/2 slots	0	Back	661	1880	30.11	0.04	30.5	0.527	1.094	0.577
<b>ANSI / IEEE C95.1 – SAFETY LIMIT Spatial Peak Uncontrolled Exposure/General Population</b>						<b>1.6 W/kg (mW/g) Averaged over 1g</b>					

### > WCDMA Body SAR

Plot No.	Band/Mode	ANT	Test Position	CH.	Freq. (MHz)	Ave. Power (dBm)	Power Drift (dB)	Tune-Up Limit (dBm)	Meas. SAR <sub>1g</sub> (W/kg)	Scaling Factor	Reported SAR <sub>1g</sub> (W/kg)
	Band II/RMC	2	Front	9400	1880	23.99	0.17	24.0	0.098	1.002	0.098
	Band II/RMC	2	Back	9400	1880	23.99	0.08	24.0	0.151	1.002	0.151
	Band II/RMC	0	Front	9400	1880	23.75	0.06	24.0	0.501	1.059	0.531
21	Band II/RMC	0	Back	9400	1880	23.75	-0.09	24.0	<b>0.646</b>	1.059	0.684
	Band IV/RMC	2	Front	1312	1712.4	23.95	-0.17	24.0	0.090	1.012	0.091
	Band IV/RMC	2	Back	1312	1712.4	23.95	0.09	24.0	0.138	1.012	0.140
	Band IV/RMC	0	Front	1312	1712.4	23.71	-0.13	24.0	0.155	1.069	0.166
22	Band IV/RMC	0	Back	1312	1712.4	23.71	-0.09	24.0	<b>0.213</b>	1.069	0.228
	Band V/RMC	2	Front	4183	836.6	24.21	-0.15	24.5	0.097	1.069	0.104
23	Band V/RMC	2	Back	4183	836.6	24.21	-0.11	24.5	<b>0.148</b>	1.069	0.158
	Band V/RMC	0	Front	4183	836.6	24.29	0.16	24.5	0.062	1.050	0.065
	Band V/RMC	0	Back	4183	836.6	24.29	-0.04	24.5	0.100	1.050	0.105
<b>ANSI / IEEE C95.1 – SAFETY LIMIT Spatial Peak Uncontrolled Exposure/General Population</b>						<b>1.6 W/kg (mW/g) Averaged over 1g</b>					

### > FDD-LTE Band 7(20MHz) QPSK Body SAR

Plot No.	Band/Mode	ANT	Test Position	CH.	Freq. (MHz)	Ave. Power (dBm)	Power Drift (dB)	Tune-Up Limit (dBm)	Meas. SAR <sub>1g</sub> (W/kg)	Scaling Factor	Reported SAR <sub>1g</sub> (W/kg)
	Band7/1RB#49	2	Front	20850	2510	24.02	-0.10	24.5	0.160	1.117	0.179
24	Band7/1RB#49	2	Back	20850	2510	24.02	-0.04	24.5	<b>0.241</b>	1.117	0.269
	Band7/1RB#99 CA	2	Back	20850	2510	23.73	0.01	24.0	0.121	1.064	0.129
	Band7/50%RB#49	2	Front	20850	2510	22.82	-0.04	23.0	0.139	1.042	0.145
	Band7/50%RB#49	2	Back	20850	2510	22.82	0.17	23.0	0.213	1.042	0.222
	Band7/1RB#49	0	Front	21100	2535	23.77	0.12	24.0	0.088	1.054	0.093
	Band7/1RB#49	0	Back	21100	2535	23.77	0.01	24.0	0.115	1.054	0.121
	Band7/1RB#99 CA	0	Back	21100	2535	20.95	-0.13	21.5	0.057	1.135	0.065
	Band7/50%RB#49	0	Front	21100	2535	22.69	0.10	23.0	0.077	1.074	0.083
	Band7/50%RB#49	0	Back	21100	2535	22.69	0.13	23.0	0.102	1.074	0.110
<b>ANSI / IEEE C95.1 – SAFETY LIMIT Spatial Peak Uncontrolled Exposure/General Population</b>						<b>1.6 W/kg (mW/g) Averaged over 1g</b>					

➤ FDD-LTE Band 12(10MHz) QPSK Body SAR

Plot No.	Band/Mode	ANT	Test Position	CH.	Freq. (MHz)	Ave. Power (dBm)	Power Drift (dB)	Tune-Up Limit (dBm)	Meas. SAR <sub>1g</sub> (W/kg)	Scaling Factor	Reported SAR <sub>1g</sub> (W/kg)
	Band12/1RB#49	2	Front	23095	707.5	24.54	0.18	25.0	0.122	1.112	0.136
25	Band12/1RB#49	2	Back	23095	707.5	24.54	-0.08	25.0	<b>0.185</b>	1.112	0.206
	Band12/50%RB#0	2	Front	23130	711	23.48	-0.08	23.5	0.107	1.005	0.108
	Band12/50%RB#0	2	Back	23130	711	23.48	0.05	23.5	0.162	1.005	0.163
	Band12/1RB#49	0	Front	23130	711	24.72	-0.18	25.0	0.078	1.067	0.083
	Band12/1RB#49	0	Back	23130	711	24.72	0.01	25.0	0.126	1.067	0.134
	Band12/50%RB#12	0	Front	23130	711	23.58	0.04	24.0	0.068	1.102	0.075
	Band12/50%RB#12	0	Back	23130	711	23.58	0.16	24.0	0.110	1.102	0.121
<b>ANSI / IEEE C95.1 – SAFETY LIMIT Spatial Peak Uncontrolled Exposure/General Population</b>						<b>1.6 W/kg (mW/g) Averaged over 1g</b>					

➤ FDD-LTE Band 13(10MHz) QPSK Body SAR

Plot No.	Band/Mode	ANT	Test Position	CH.	Freq. (MHz)	Ave. Power (dBm)	Power Drift (dB)	Tune-Up Limit (dBm)	Meas. SAR <sub>1g</sub> (W/kg)	Scaling Factor	Reported SAR <sub>1g</sub> (W/kg)
	Band13/1RB#49	2	Front	23230	782	24.39	-0.17	25.0	0.121	1.151	0.139
26	Band13/1RB#49	2	Back	23230	782	24.39	-0.01	25.0	<b>0.183</b>	1.151	0.211
	Band13/50%RB#0	2	Front	23230	782	23.26	-0.18	23.5	0.102	1.057	0.108
	Band13/50%RB#0	2	Back	23230	782	23.26	-0.13	23.5	0.159	1.057	0.168
	Band13/1RB#49	0	Front	23230	782	24.57	0.05	25.0	0.098	1.104	0.108
	Band13/1RB#49	0	Back	23230	782	24.57	-0.03	25.0	0.158	1.104	0.174
	Band13/50%RB#12	0	Front	23230	782	23.36	0.11	23.5	0.087	1.033	0.090
	Band13/50%RB#12	0	Back	23230	782	23.36	0.03	23.5	0.140	1.033	0.145
<b>ANSI / IEEE C95.1 – SAFETY LIMIT Spatial Peak Uncontrolled Exposure/General Population</b>						<b>1.6 W/kg (mW/g) Averaged over 1g</b>					

➤ FDD-LTE Band 25(10MHz) QPSK Body SAR

Plot No.	Band/Mode	ANT	Test Position	CH.	Freq. (MHz)	Ave. Power (dBm)	Power Drift (dB)	Tune-Up Limit (dBm)	Meas. SAR <sub>1g</sub> (W/kg)	Scaling Factor	Reported SAR <sub>1g</sub> (W/kg)
	Band25/1RB#49	2	Front	26590	1905	24.34	-0.11	24.5	0.070	1.038	0.073
	Band25/1RB#49	2	Back	26590	1905	24.34	0.00	24.5	0.111	1.038	0.115
	Band2/1RB#99 CA	2	Back	19100	1900	23.80	-0.08	24.5	0.105	1.175	0.123
	Band25/50%RB#49	2	Front	26365	1882.5	23.23	0.04	23.5	0.062	1.064	0.066
	Band25/50%RB#49	2	Back	26365	1882.5	23.23	0.01	23.5	0.097	1.064	0.103
	Band25/1RB#49	0	Front	26590	1905	24.25	0.13	24.5	0.514	1.059	0.544
27	Band25/1RB#49	0	Back	26590	1905	24.25	-0.04	24.5	<b>0.688</b>	1.059	0.729
	Band2/1RB#99 CA	0	Back	19100	1900	21.43	-0.01	22.0	0.384	1.140	0.438
	Band25/50%RB#0	0	Front	26365	1882.5	23.17	0.11	23.5	0.454	1.079	0.490
	Band25/50%RB#0	0	Back	26365	1882.5	23.17	0.05	23.5	0.598	1.079	0.645
<b>ANSI / IEEE C95.1 – SAFETY LIMIT Spatial Peak Uncontrolled Exposure/General Population</b>						<b>1.6 W/kg (mW/g) Averaged over 1g</b>					

➤ FDD-LTE Band 26(15MHz) QPSK Body SAR

Plot No.	Band/Mode	ANT	Test Position	CH.	Freq. (MHz)	Ave. Power (dBm)	Power Drift (dB)	Tune-Up Limit (dBm)	Meas. SAR <sub>1g</sub> (W/kg)	Scaling Factor	Reported SAR <sub>1g</sub> (W/kg)
	Band26/1RB#74	2	Front	26865	831.5	24.43	0.01	24.5	0.151	1.016	0.153
28	Band26/1RB#74	2	Back	26865	831.5	24.43	-0.07	24.5	<b>0.228</b>	1.016	0.232
	Band5/1RB#49 CA	2	Back	20476	831.6	24.29	-0.07	24.5	0.207	1.050	0.217
	Band26/50%RB#35	2	Front	26865	831.5	23.75	0.06	24.0	0.130	1.059	0.138
	Band26/50%RB#35	2	Back	26865	831.5	23.75	0.01	24.0	0.197	1.059	0.209
	Band26/1RB#37	0	Front	26965	841.5	24.52	0.13	25.0	0.077	1.117	0.086
	Band26/1RB#37	0	Back	26965	841.5	24.52	-0.02	25.0	0.126	1.117	0.141
	Band5/1RB#49 CA	0	Back	20501	834.1	22.33	0.00	24.0	0.118	1.469	0.173
	Band26/50%RB#35	0	Front	26865	831.5	23.81	-0.02	24.0	0.067	1.045	0.070
	Band26/50%RB#35	0	Back	26865	831.5	23.81	0.03	24.0	0.110	1.045	0.115
<b>ANSI / IEEE C95.1 – SAFETY LIMIT</b>						<b>1.6 W/kg (mW/g)</b>					
<b>Spatial Peak</b>											
<b>Uncontrolled Exposure/General Population</b>						<b>Averaged over 1g</b>					

➤ TDD-LTE Band 41(20MHz) QPSK Body SAR

Plot No	Band/Mode	ANT	Test Position	CH.	Freq. (MHz)	Ave. Power (dBm)	Power Drift (dB)	Tune-Up Limit (dBm)	Meas. SAR <sub>1g</sub> (W/kg)	Scaling Factor	D.C Factor	Reported SAR <sub>1g</sub> (W/kg)
	Band41/1RB#49	2	Front	39750	2506	23.99	0.06	24.5	0.106	1.125	1.008	0.120
	Band41/1RB#49	2	Back	39750	2506	23.99	-0.01	24.5	0.165	1.125	1.008	0.187
	Band41/1RB#0 CA	2	Back	39750	2506	23.54	0.00	24.5	0.058	1.247	1.008	0.073
	Band41/50%RB#0	2	Front	40620	2593	22.86	0.08	23.0	0.089	1.033	1.008	0.093
	Band41/50%RB#0	2	Back	40620	2593	22.86	0.14	23.0	0.140	1.033	1.008	0.146
	Band41/1RB#49	0	Front	40620	2593	23.96	0.12	24.0	0.312	1.009	1.008	0.317
29	Band41/1RB#49	0	Back	40620	2593	23.96	0.06	24.0	<b>0.401</b>	1.009	1.008	0.408
	Band41/1RB#99 CA	0	Back	40620	2593	20.80	-0.06	21.5	0.158	1.175	1.008	0.187
	Band41/50%RB#0	0	Front	41490	2680	22.80	-0.12	23.0	0.275	1.047	1.008	0.290
	Band41/50%RB#0	0	Back	41490	2680	22.80	-0.10	23.0	0.353	1.047	1.008	0.373
<b>ANSI / IEEE C95.1 – SAFETY LIMIT</b>						<b>1.6 W/kg (mW/g)</b>						
<b>Spatial Peak</b>												
<b>Uncontrolled Exposure/General Population</b>						<b>Averaged over 1g</b>						

➤ FDD-LTE Band 66(20MHz) QPSK Body SAR

Plot No.	Band/Mode	ANT	Test Position	CH.	Freq. (MHz)	Ave. Power (dBm)	Power Drift (dB)	Tune-Up Limit (dBm)	Meas. SAR <sub>1g</sub> (W/kg)	Scaling Factor	Reported SAR <sub>1g</sub> (W/kg)
	Band66/1RB#49	2	Front	132322	1745	24.21	0.09	24.5	0.069	1.069	0.074
	Band66/1RB#49	2	Back	132322	1745	24.21	-0.10	24.5	0.106	1.069	0.113
	Band66/1RB#99 CA	2	Back	132322	1745	21.30	0.00	22.0	0.100	1.175	0.117
	Band66/50%RB#49	2	Front	132322	1745	23.07	0.14	23.5	0.060	1.104	0.066
	Band66/50%RB#49	2	Back	132322	1745	23.07	0.19	23.5	0.092	1.104	0.102
	Band66/1RB#49	0	Front	132322	1745	24.05	0.10	24.5	0.160	1.109	0.177
30	Band66/1RB#49	0	Back	132322	1745	24.05	-0.06	24.5	<b>0.207</b>	1.109	0.230
	Band66/1RB#99 CA	0	Back	132322	1745	20.71	0.00	21.5	0.129	1.199	0.154
	Band66/50%RB#24	0	Front	132072	1720	22.91	0.03	23.0	0.139	1.021	0.142
	Band66/50%RB#24	0	Back	132072	1720	22.91	0.09	23.0	0.180	1.021	0.184
<b>ANSI / IEEE C95.1 – SAFETY LIMIT</b>						<b>1.6 W/kg (mW/g)</b>					
<b>Spatial Peak</b>											
<b>Uncontrolled Exposure/General Population</b>						<b>Averaged over 1g</b>					

➤ WLAN 2.4GHz Body SAR

Plot No	Band/Mode	ANT	Test Position	CH.	Freq. (MHz)	Ave. Power (dBm)	Power Drift (dB)	Tune-Up Limit (dBm)	Meas. SAR <sub>1g</sub> (W/kg)	Scaling Factor	D.C Factor	Reported SAR <sub>1g</sub> (W/kg)
	2.4GHz/802.11b	13	Front	6	2437	17.38	0.19	17.5	0.020	1.028	1.000	0.021
31	2.4GHz/802.11b	13	Back	6	2437	17.38	-0.05	17.5	<b>0.042</b>	1.028	1.000	0.043
	2.4GHz/802.11b	14	Front	1	2412	17.52	0.14	18.0	0.018	1.117	1.000	0.020
	2.4GHz/802.11b	14	Back	1	2412	17.52	-0.07	18.0	0.039	1.117	1.000	0.044
<b>ANSI / IEEE C95.1 – SAFETY LIMIT Spatial Peak Uncontrolled Exposure/General Population</b>						<b>1.6 W/kg (mW/g) Averaged over 1g</b>						

➤ WLAN 5.2GHz Body SAR

Plot No	Band/Mode	ANT	Test Position	CH.	Freq. (MHz)	Ave. Power (dBm)	Power Drift (dB)	Tune-Up Limit (dBm)	Meas. SAR <sub>1g</sub> (W/kg)	Scaling Factor	D.C Factor	Reported SAR <sub>1g</sub> (W/kg)
	5.2GHz/802.11a	13	Front	40	5200	16.85	-0.17	17.0	0.026	1.035	1.000	0.027
32	5.2GHz/802.11a	13	Back	40	5200	16.85	0.00	17.0	<b>0.053</b>	1.035	1.000	0.055
	5.2GHz/802.11a	14	Front	48	5240	16.08	0.11	16.5	0.018	1.102	1.000	0.020
	5.2GHz/802.11a	14	Back	48	5240	16.08	0.00	16.5	0.039	1.102	1.000	0.043
<b>ANSI / IEEE C95.1 – SAFETY LIMIT Spatial Peak Uncontrolled Exposure/General Population</b>						<b>1.6 W/kg (mW/g) Averaged over 1g</b>						

➤ WLAN 5.3GHz Body SAR

Plot No	Band/Mode	ANT	Test Position	CH.	Freq. (MHz)	Ave. Power (dBm)	Power Drift (dB)	Tune-Up Limit (dBm)	Meas. SAR <sub>1g</sub> (W/kg)	Scaling Factor	D.C Factor	Reported SAR <sub>1g</sub> (W/kg)
	5.3GHz/802.11a	13	Front	56	5280	17.03	0.15	17.5	0.035	1.114	1.000	0.039
33	5.3GHz/802.11a	13	Back	56	5280	17.03	-0.04	17.5	<b>0.076</b>	1.114	1.000	0.085
	5.3GHz/802.11ac	14	Front	56	5280	17.02	0.06	17.5	0.015	1.117	1.000	0.017
	5.3GHz/802.11ac	14	Back	56	5280	17.02	0.00	17.5	0.040	1.117	1.000	0.044
<b>ANSI / IEEE C95.1 – SAFETY LIMIT Spatial Peak Uncontrolled Exposure/General Population</b>						<b>1.6 W/kg (mW/g) Averaged over 1g</b>						

➤ WLAN 5.6GHz Body SAR

Plot No	Band/Mode	ANT	Test Position	CH.	Freq. (MHz)	Ave. Power (dBm)	Power Drift (dB)	Tune-Up Limit (dBm)	Meas. SAR <sub>1g</sub> (W/kg)	Scaling Factor	D.C Factor	Reported SAR <sub>1g</sub> (W/kg)
	5.6GHz/802.11a	13	Front	120	5600	14.57	0.04	15.0	0.042	1.104	1.000	0.046
34	5.6GHz/802.11a	13	Back	120	5600	14.57	0.00	15.0	<b>0.085</b>	1.104	1.000	0.094
	5.6GHz/802.11ac	14	Front	100	5500	10.89	-0.08	11.0	0.033	1.026	1.000	0.034
	5.6GHz/802.11ac	14	Back	100	5500	10.89	0.00	11.0	0.080	1.026	1.000	0.082
<b>ANSI / IEEE C95.1 – SAFETY LIMIT Spatial Peak Uncontrolled Exposure/General Population</b>						<b>1.6 W/kg (mW/g) Averaged over 1g</b>						

➤ WLAN 5.8GHz Wi-Fi Body SAR

Plot No	Band/Mode	ANT	Test Position	CH.	Freq. (MHz)	Ave. Power (dBm)	Power Drift (dB)	Tune-Up Limit (dBm)	Meas. SAR <sub>1g</sub> (W/kg)	Scaling Factor	D.C Factor	Reported SAR <sub>1g</sub> (W/kg)
	5.8GHz/802.11a	13	Front	157	5785	16.18	0.03	16.5	0.037	1.076	1.000	0.040
	5.8GHz/802.11a	13	Back	157	5785	16.18	0.00	16.5	0.079	1.076	1.000	0.085
	5.8GHz/802.11a	14	Front	165	5825	17.15	0.09	17.5	0.038	1.084	1.000	0.041
35	5.8GHz/802.11a	14	Back	165	5825	17.15	0.00	17.5	<b>0.080</b>	1.084	1.000	0.086
<b>ANSI / IEEE C95.1 – SAFETY LIMIT Spatial Peak Uncontrolled Exposure/General Population</b>						<b>1.6 W/kg (mW/g) Averaged over 1g</b>						



➤ Bluetooth Body SAR

Plot No	Band/Mode	ANT	Test Position	CH.	Freq. (MHz)	Ave. Power (dBm)	Power Drift (dB)	Tune-Up Limit (dBm)	Meas. SAR <sub>1g</sub> (W/kg)	Scaling Factor	D.C Factor	Reported SAR <sub>1g</sub> (W/kg)
	BT/GFSK	13	Front	78	2480	17.09	0.02	17.5	0.016	1.099	1.000	0.018
36	BT/GFSK	13	Back	78	2480	17.09	0.03	17.5	<b>0.033</b>	1.099	1.000	0.037
	BT/GFSK	14	Front	78	2480	16.46	0.11	16.5	0.008	1.009	1.000	0.008
	BT/GFSK	14	Back	78	2480	16.46	0.00	16.5	0.015	1.009	1.000	0.015
<b>ANSI / IEEE C95.1 – SAFETY LIMIT</b>												
<b>Spatial Peak</b>												
<b>Uncontrolled Exposure/General Population</b>						<b>1.6 W/kg (mW/g)</b> <b>Averaged over 1g</b>						

**Note:**

1. Body-worn SAR testing was performed at 10mm separation, and this distance is determined by the handset manufacturer that there will be body-worn accessories that users may acquire at the time of equipment certification, to enable users to purchase aftermarket body-worn accessories with the required minimum separation.
2. Per KDB 941225 D06v02r01, when the same wireless modes and device transmission configurations are required for testing body-worn accessories and hotspot mode, it is not necessary to test body-worn accessory SAR for the same device orientation if the test separation distance for hotspot mode is more conservative than that used for body-worn accessories.
3. Body-worn exposure conditions are intended to voice call operations, therefore GSM voice call is selected to be tested.
4. Per KDB 648474 D04v01r03, when the *Reported* SAR for a body-worn accessory measured without a headset connected to the handset is  $\leq 1.2$  W/kg, SAR testing with a headset connected to the handset is not required.
5. The WLAN SAR perform the front and back position, due considered the simultaneous SAR for body-worn.
6. Per KDB 447498 D04v01, for each exposure position, if the highest output channel Reported SAR  $\leq 0.8$ W/kg, other channels SAR testing is not necessary.
7. Per KDB 865664 D01v01r04, for each frequency band, repeated SAR measurement is required when the measured SAR is  $\geq 0.8$ W/kg.
8. Per KDB 941225 D05v02r05, 100% RB allocation SAR measurement is not required when the highest reported SAR for 1 RB and 50% RB allocation are  $\leq 0.8$  W/kg.
9. According to KDB 865664 D02v01r02, SAR plot is required for the highest measured SAR in each exposure configuration, wireless mode and frequency band combination.
10. Highlight part of test data means repeated test.
11. \*: Due the antenna location and antenna performance results the SAR value lower than the lowest system limit, then we show " $<0.001$ \* W/Kg" in the report.

## 15.3 Body SAR in Hotspot Mode

### ➤ GSM Body SAR in Hotspot mode

Plot No.	Band/Mode	ANT	Test Position	CH.	Freq. (MHz)	Ave. Power (dBm)	Power Drift (dB)	Tune-Up Limit (dBm)	Meas. SAR <sub>1g</sub> (W/kg)	Scaling Factor	Reported SAR <sub>1g</sub> (W/kg)
	GPRS850/2 slots	2	Front	190	836.6	32.72	-0.02	33.0	0.341	1.067	0.364
19	GPRS850/2 slots	2	Back	190	836.6	32.72	-0.01	33.0	<b>0.516</b>	1.067	0.551
	GPRS850/2 slots	2	Left	190	836.6	32.72	-0.01	33.0	0.196	1.067	0.209
	GPRS850/2 slots	2	Top	190	836.6	32.72	-0.02	33.0	0.320	1.067	0.341
	GPRS850/2 slots	0	Front	190	836.6	32.65	-0.07	33.0	0.042	1.084	0.046
	GPRS850/2 slots	0	Back	190	836.6	32.65	-0.19	33.0	0.068	1.084	0.074
	GPRS850/2 slots	0	Left	190	836.6	32.65	0.02	33.0	0.020	1.084	0.022
	GPRS850/2 slots	0	Right	190	836.6	32.65	0.03	33.0	0.018	1.084	0.020
	GPRS850/2 slots	0	Bottom	190	836.6	32.65	0.14	33.0	0.040	1.084	0.043
	GPRS1900/2 slots	2	Front	661	1880	30.19	-0.02	30.5	0.518	1.074	0.556
20	GPRS1900/2 slots	2	Back	661	1880	30.19	-0.10	30.5	<b>0.795</b>	1.074	0.854
	GPRS1900/2 slots	2	Back	512	1850.2	30.06	-0.10	30.5	0.716	1.107	0.793
	GPRS1900/2 slots	2	Back	810	1909.8	30.11	-0.10	30.5	0.744	1.094	0.814
	GPRS1900/2 slots	2	Left	661	1880	30.19	-0.15	30.5	0.301	1.074	0.323
	GPRS1900/2 slots	2	Top	661	1880	30.19	-0.20	30.5	0.767	1.074	0.824
	GPRS1900/2 slots	0	Front	661	1880	30.11	0.09	30.5	0.409	1.094	0.447
	GPRS1900/2 slots	0	Back	661	1880	30.11	0.04	30.5	0.527	1.094	0.577
	GPRS1900/2 slots	0	Left	661	1880	30.11	-0.12	30.5	0.158	1.094	0.173
	GPRS1900/2 slots	0	Right	661	1880	30.11	0.18	30.5	0.161	1.094	0.176
	GPRS1900/2 slots	0	Bottom	661	1880	30.11	-0.05	30.5	0.626	1.094	0.685
<b>ANSI / IEEE C95.1 – SAFETY LIMIT Spatial Peak Uncontrolled Exposure/General Population</b>						<b>1.6 W/kg (mW/g) Averaged over 1g</b>					

### ➤ WCDMA Body SAR in Hotspot mode

Plot No.	Band/Mode	ANT	Test Position	CH.	Freq. (MHz)	Ave. Power (dBm)	Power Drift (dB)	Tune-Up Limit (dBm)	Meas. SAR <sub>1g</sub> (W/kg)	Scaling Factor	Reported SAR <sub>1g</sub> (W/kg)
	Band II/RMC	2	Front	9400	1880	23.99	0.17	24.0	0.098	1.002	0.098
	Band II/RMC	2	Back	9400	1880	23.99	0.08	24.0	0.151	1.002	0.151
	Band II/RMC	2	Left	9400	1880	23.99	0.11	24.0	0.057	1.002	0.057
	Band II/RMC	2	Top	9400	1880	23.99	0.01	24.0	0.141	1.002	0.141
	Band II/RMC	0	Front	9400	1880	23.75	0.06	24.0	0.501	1.059	0.531
	Band II/RMC	0	Back	9400	1880	23.75	-0.09	24.0	0.646	1.059	0.684
	Band II/RMC	0	Left	9400	1880	23.75	0.15	24.0	0.192	1.059	0.203
	Band II/RMC	0	Right	9400	1880	23.75	0.03	24.0	0.187	1.059	0.198
37	Band II/RMC	0	Bottom	9400	1880	23.75	0.08	24.0	<b>0.743</b>	1.059	0.787
	Band IV/RMC	2	Front	1312	1712.4	23.95	-0.17	24.0	0.090	1.012	0.091
	Band IV/RMC	2	Back	1312	1712.4	23.95	0.09	24.0	0.138	1.012	0.140
	Band IV/RMC	2	Left	1312	1712.4	23.95	0.20	24.0	0.052	1.012	0.053
	Band IV/RMC	2	Top	1312	1712.4	23.95	-0.04	24.0	0.132	1.012	0.134
	Band IV/RMC	0	Front	1312	1712.4	23.71	-0.13	24.0	0.155	1.069	0.166
	Band IV/RMC	0	Back	1312	1712.4	23.71	-0.09	24.0	0.213	1.069	0.228
	Band IV/RMC	0	Left	1312	1712.4	23.71	0.07	24.0	0.083	1.069	0.089
	Band IV/RMC	0	Right	1312	1712.4	23.71	0.01	24.0	0.081	1.069	0.087
38	Band IV/RMC	0	Bottom	1312	1712.4	23.71	0.05	24.0	<b>0.364</b>	1.069	0.389
	Band V/RMC	2	Front	4183	836.6	24.21	-0.15	24.5	0.097	1.069	0.104
23	Band V/RMC	2	Back	4183	836.6	24.21	-0.11	24.5	<b>0.148</b>	1.069	0.158
	Band V/RMC	2	Left	4183	836.6	24.21	0.05	24.5	0.056	1.069	0.060
	Band V/RMC	2	Top	4183	836.6	24.21	-0.03	24.5	0.092	1.069	0.098
	Band V/RMC	0	Front	4183	836.6	24.29	0.16	24.5	0.062	1.050	0.065
	Band V/RMC	0	Back	4183	836.6	24.29	-0.04	24.5	0.100	1.050	0.105
	Band V/RMC	0	Left	4183	836.6	24.29	0.14	24.5	0.029	1.050	0.030
	Band V/RMC	0	Right	4183	836.6	24.29	-0.07	24.5	0.026	1.050	0.027
	Band V/RMC	0	Bottom	4183	836.6	24.29	-0.02	24.5	0.059	1.050	0.062
<b>ANSI / IEEE C95.1 – SAFETY LIMIT Spatial Peak Uncontrolled Exposure/General Population</b>						<b>1.6 W/kg (mW/g) Averaged over 1g</b>					

➤ FDD-LTE Band 7(20MHz) QPSK Body SAR in Hotspot mode

Plot No.	Band/Mode	ANT	Test Position	CH.	Freq. (MHz)	Ave. Power (dBm)	Power Drift (dB)	Tune-Up Limit (dBm)	Meas. SAR <sub>1g</sub> (W/kg)	Scaling Factor	Reported SAR <sub>1g</sub> (W/kg)
	Band7/1RB#49	2	Front	20850	2510	24.02	-0.10	24.5	0.160	1.117	0.179
24	Band7/1RB#49	2	Back	20850	2510	24.02	-0.04	24.5	<b>0.241</b>	1.117	0.269
	Band7/1RB#99 CA	2	Back	20850	2510	23.73	0.01	24.0	0.121	1.064	0.129
	Band7/1RB#49	2	Left	20850	2510	24.02	0.11	24.5	0.093	1.117	0.104
	Band7/1RB#49	2	Top	20850	2510	24.02	0.02	24.5	0.055	1.117	0.061
	Band7/50%RB#49	2	Front	20850	2510	22.82	-0.04	23.0	0.139	1.042	0.145
	Band7/50%RB#49	2	Back	20850	2510	22.82	0.17	23.0	0.213	1.042	0.222
	Band7/50%RB#49	2	Left	20850	2510	22.82	0.15	23.0	0.081	1.042	0.084
	Band7/50%RB#49	2	Top	20850	2510	22.82	-0.14	23.0	0.047	1.042	0.049
	Band7/1RB#49	0	Front	21100	2535	23.77	0.12	24.0	0.088	1.054	0.093
	Band7/1RB#49	0	Back	21100	2535	23.77	0.01	24.0	0.115	1.054	0.121
	Band7/1RB#99 CA	0	Back	21100	2535	20.95	-0.13	21.5	0.057	1.135	0.065
	Band7/1RB#49	0	Left	21100	2535	23.77	0.08	24.0	0.036	1.054	0.038
	Band7/1RB#49	0	Right	21100	2535	23.77	0.11	24.0	0.032	1.054	0.034
	Band7/1RB#49	0	Bottom	21100	2535	23.77	-0.10	24.0	0.166	1.054	0.175
	Band7/1RB#99 CA	0	Bottom	21100	2535	20.95	0.01	21.5	0.138	1.135	0.157
	Band7/50%RB#49	0	Front	21100	2535	22.69	0.10	23.0	0.077	1.074	0.083
	Band7/50%RB#49	0	Back	21100	2535	22.69	0.13	23.0	0.102	1.074	0.110
	Band7/50%RB#49	0	Left	21100	2535	22.69	-0.17	23.0	0.032	1.074	0.034
	Band7/50%RB#49	0	Right	21100	2535	22.69	0.05	23.0	0.028	1.074	0.030
	Band7/50%RB#49	0	Bottom	21100	2535	22.69	-0.06	23.0	0.145	1.074	0.156
<b>ANSI / IEEE C95.1 – SAFETY LIMIT</b>						<b>1.6 W/kg (mW/g)</b> <b>Averaged over 1g</b>					
<b>Spatial Peak</b> <b>Uncontrolled Exposure/General Population</b>											

➤ FDD-LTE Band 12(10MHz) QPSK Body SAR in Hotspot mode

Plot No.	Band/Mode	ANT	Test Position	CH.	Freq. (MHz)	Ave. Power (dBm)	Power Drift (dB)	Tune-Up Limit (dBm)	Meas. SAR <sub>1g</sub> (W/kg)	Scaling Factor	Reported SAR <sub>1g</sub> (W/kg)
	Band12/1RB#49	2	Front	23095	707.5	24.54	0.18	25.0	0.122	1.112	0.136
25	Band12/1RB#49	2	Back	23095	707.5	24.54	-0.08	25.0	<b>0.185</b>	1.112	0.206
	Band12/1RB#49	2	Left	23095	707.5	24.54	-0.17	25.0	0.070	1.112	0.078
	Band12/1RB#49	2	Top	23095	707.5	24.54	0.17	25.0	0.116	1.112	0.129
	Band12/50%RB#0	2	Front	23130	711	23.48	-0.08	23.5	0.107	1.005	0.108
	Band12/50%RB#0	2	Back	23130	711	23.48	0.05	23.5	0.162	1.005	0.163
	Band12/50%RB#0	2	Left	23130	711	23.48	0.20	23.5	0.061	1.005	0.061
	Band12/50%RB#0	2	Top	23130	711	23.48	0.17	23.5	0.102	1.005	0.103
	Band12/1RB#49	0	Front	23130	711	24.72	-0.18	25.0	0.078	1.067	0.083
	Band12/1RB#49	0	Back	23130	711	24.72	0.01	25.0	0.126	1.067	0.134
	Band12/1RB#49	0	Left	23130	711	24.72	-0.06	25.0	0.037	1.067	0.039
	Band12/1RB#49	0	Right	23130	711	24.72	0.00	25.0	0.033	1.067	0.035
	Band12/1RB#49	0	Bottom	23130	711	24.72	-0.07	25.0	0.074	1.067	0.079
	Band12/50%RB#12	0	Front	23130	711	23.58	0.04	24.0	0.068	1.102	0.075
	Band12/50%RB#12	0	Back	23130	711	23.58	0.16	24.0	0.110	1.102	0.121
	Band12/50%RB#12	0	Left	23130	711	23.58	-0.18	24.0	0.032	1.102	0.035
	Band12/50%RB#12	0	Right	23130	711	23.58	0.09	24.0	0.029	1.102	0.032
	Band12/50%RB#12	0	Bottom	23130	711	23.58	0.02	24.0	0.065	1.102	0.072
<b>ANSI / IEEE C95.1 – SAFETY LIMIT</b>						<b>1.6 W/kg (mW/g)</b> <b>Averaged over 1g</b>					
<b>Spatial Peak</b> <b>Uncontrolled Exposure/General Population</b>											

➤ FDD-LTE Band 13(10MHz) QPSK Body SAR in Hotspot mode

Plot No.	Band/Mode	ANT	Test Position	CH.	Freq. (MHz)	Ave. Power (dBm)	Power Drift (dB)	Tune-Up Limit (dBm)	Meas. SAR <sub>1g</sub> (W/kg)	Scaling Factor	Reported SAR <sub>1g</sub> (W/kg)
	Band13/1RB#49	2	Front	23230	782	24.39	-0.17	25.0	0.121	1.151	0.139
26	Band13/1RB#49	2	Back	23230	782	24.39	-0.01	25.0	<b>0.183</b>	1.151	0.211
	Band13/1RB#49	2	Left	23230	782	24.39	-0.08	25.0	0.070	1.151	0.081
	Band13/1RB#49	2	Top	23230	782	24.39	0.09	25.0	0.113	1.151	0.130
	Band13/50%RB#0	2	Front	23230	782	23.26	-0.18	23.5	0.102	1.057	0.108
	Band13/50%RB#0	2	Back	23230	782	23.26	-0.13	23.5	0.159	1.057	0.168
	Band13/50%RB#0	2	Left	23230	782	23.26	-0.03	23.5	0.057	1.057	0.060
	Band13/50%RB#0	2	Top	23230	782	23.26	0.04	23.5	0.096	1.057	0.101
	Band13/1RB#49	0	Front	23230	782	24.57	0.05	25.0	0.098	1.104	0.108
	Band13/1RB#49	0	Back	23230	782	24.57	-0.03	25.0	0.158	1.104	0.174
	Band13/1RB#49	0	Left	23230	782	24.57	-0.06	25.0	0.047	1.104	0.052
	Band13/1RB#49	0	Right	23230	782	24.57	0.15	25.0	0.042	1.104	0.046
	Band13/1RB#49	0	Bottom	23230	782	24.57	-0.20	25.0	0.093	1.104	0.103
	Band13/50%RB#12	0	Front	23230	782	23.36	0.11	23.5	0.087	1.033	0.090
	Band13/50%RB#12	0	Back	23230	782	23.36	0.03	23.5	0.140	1.033	0.145
	Band13/50%RB#12	0	Left	23230	782	23.36	-0.07	23.5	0.042	1.033	0.043
	Band13/50%RB#12	0	Right	23230	782	23.36	0.12	23.5	0.037	1.033	0.038
	Band13/50%RB#12	0	Bottom	23230	782	23.36	0.08	23.5	0.082	1.033	0.085
<b>ANSI / IEEE C95.1 – SAFETY LIMIT</b>											
<b>Spatial Peak</b>						<b>1.6 W/kg (mW/g)</b>					
<b>Uncontrolled Exposure/General Population</b>						<b>Averaged over 1g</b>					

➤ FDD-LTE Band 25(20MHz) QPSK Body SAR in Hotspot mode

Plot No.	Band/Mode	ANT	Test Position	CH.	Freq. (MHz)	Ave. Power (dBm)	Power Drift (dB)	Tune-Up Limit (dBm)	Meas. SAR <sub>1g</sub> (W/kg)	Scaling Factor	Reported SAR <sub>1g</sub> (W/kg)
	Band25/1RB#49	2	Front	26590	1905	24.34	-0.11	24.5	0.070	1.038	0.073
	Band25/1RB#49	2	Back	26590	1905	24.34	0.00	24.5	0.111	1.038	0.115
	Band2/1RB#99 CA	2	Back	19100	1900	23.80	-0.08	24.5	0.105	1.175	0.123
	Band25/1RB#49	2	Left	26590	1905	24.34	0.04	24.5	0.045	1.038	0.047
	Band25/1RB#49	2	Top	26590	1905	24.34	-0.16	24.5	0.159	1.038	0.165
	Band25/50%RB#49	2	Front	26365	1882.5	23.23	0.04	23.5	0.062	1.064	0.066
	Band25/50%RB#49	2	Back	26365	1882.5	23.23	0.01	23.5	0.097	1.064	0.103
	Band25/50%RB#49	2	Left	26365	1882.5	23.23	-0.19	23.5	0.039	1.064	0.041
	Band25/50%RB#49	2	Top	26365	1882.5	23.23	-0.14	23.5	0.138	1.064	0.147
	Band25/1RB#49	0	Front	26590	1905	24.25	0.13	24.5	0.514	1.059	0.544
	Band25/1RB#49	0	Back	26590	1905	24.25	-0.04	24.5	0.688	1.059	0.729
	Band2/1RB#99 CA	0	Back	19100	1900	21.43	-0.01	22.0	0.384	1.140	0.438
	Band25/1RB#49	0	Left	26590	1905	24.25	0.04	24.5	0.202	1.059	0.214
	Band25/1RB#49	0	Right	26590	1905	24.25	-0.10	24.5	0.206	1.059	0.218
39	Band25/1RB#49	0	Bottom	26590	1905	24.25	0.06	24.5	<b>0.771</b>	1.059	0.816
	Band2/1RB#99 CA	0	Bottom	19100	1900	21.43	-0.08	22.0	0.411	1.140	0.469
	Band25/50%RB#0	0	Front	26365	1882.5	23.17	0.11	23.5	0.454	1.079	0.490
	Band25/50%RB#0	0	Back	26365	1882.5	23.17	0.05	23.5	0.598	1.079	0.645
	Band25/50%RB#0	0	Left	26365	1882.5	23.17	-0.12	23.5	0.176	1.079	0.190
	Band25/50%RB#0	0	Right	26365	1882.5	23.17	0.02	23.5	0.182	1.079	0.196
	Band25/50%RB#0	0	Bottom	26365	1882.5	23.17	0.17	23.5	0.670	1.079	0.723
<b>ANSI / IEEE C95.1 – SAFETY LIMIT</b>											
<b>Spatial Peak</b>						<b>1.6 W/kg (mW/g)</b>					
<b>Uncontrolled Exposure/General Population</b>						<b>Averaged over 1g</b>					

➤ FDD-LTE Band 26(15MHz) QPSK Body SAR in Hotspot mode

Plot No.	Band/Mode	ANT	Test Position	CH.	Freq. (MHz)	Ave. Power (dBm)	Power Drift (dB)	Tune-Up Limit (dBm)	Meas. SAR <sub>1g</sub> (W/kg)	Scaling Factor	Reported SAR <sub>1g</sub> (W/kg)
28	Band26/1RB#74	2	Front	26865	831.5	24.43	0.01	24.5	0.151	1.016	0.153
	Band26/1RB#74	2	Back	26865	831.5	24.43	-0.07	24.5	<b>0.228</b>	1.016	0.232
	Band5/1RB#49 CA	2	Back	20476	831.6	24.29	-0.07	24.5	0.207	1.050	0.217
	Band26/1RB#74	2	Left	26865	831.5	24.43	0.08	24.5	0.086	1.016	0.087
	Band26/1RB#74	2	Top	26865	831.5	24.43	0.18	24.5	0.142	1.016	0.144
	Band26/50%RB#35	2	Front	26865	831.5	23.75	0.06	24.0	0.130	1.059	0.138
	Band26/50%RB#35	2	Back	26865	831.5	23.75	0.01	24.0	0.197	1.059	0.209
	Band26/50%RB#35	2	Left	26865	831.5	23.75	0.04	24.0	0.074	1.059	0.078
	Band26/50%RB#35	2	Top	26865	831.5	23.75	0.12	24.0	0.122	1.059	0.129
	Band26/1RB#37	0	Front	26965	841.5	24.52	0.13	25.0	0.077	1.117	0.086
	Band26/1RB#37	0	Back	26965	841.5	24.52	-0.02	25.0	0.126	1.117	0.141
	Band5/1RB#49 CA	0	Back	20501	834.1	22.33	0.00	24.0	0.118	1.469	0.173
	Band26/1RB#37	0	Left	26965	841.5	24.52	-0.02	25.0	0.038	1.117	0.042
	Band26/1RB#37	0	Right	26965	841.5	24.52	0.15	25.0	0.033	1.117	0.037
	Band26/1RB#37	0	Bottom	26965	841.5	24.52	0.05	25.0	0.079	1.117	0.088
	Band26/50%RB#35	0	Front	26865	831.5	23.81	-0.02	24.0	0.067	1.045	0.070
	Band26/50%RB#35	0	Back	26865	831.5	23.81	0.03	24.0	0.110	1.045	0.115
	Band26/50%RB#35	0	Left	26865	831.5	23.81	0.16	24.0	0.033	1.045	0.034
	Band26/50%RB#35	0	Right	26865	831.5	23.81	0.14	24.0	0.029	1.045	0.030
	Band26/50%RB#35	0	Bottom	26865	831.5	23.81	-0.07	24.0	0.069	1.045	0.072
<b>ANSI / IEEE C95.1 – SAFETY LIMIT</b>						<b>1.6 W/kg (mW/g)</b>					
<b>Spatial Peak</b>						<b>Averaged over 1g</b>					
<b>Uncontrolled Exposure/General Population</b>											

➤ TDD-LTE Band 41(20MHz) QPSK Body SAR in Hotspot mode

Plot No	Band/Mode	ANT	Test Position	CH.	Freq. (MHz)	Ave. Power (dBm)	Power Drift (dB)	Tune-Up Limit (dBm)	Meas. SAR <sub>1g</sub> (W/kg)	Scaling Factor	D.C Factor	Reported SAR <sub>1g</sub> (W/kg)
	Band41/1RB#49	2	Front	39750	2506	23.99	0.06	24.5	0.106	1.125	1.008	0.120
	Band41/1RB#49	2	Back	39750	2506	23.99	-0.01	24.5	0.165	1.125	1.008	0.187
	Band41/1RB#0 CA	2	Back	39750	2506	23.54	0.00	24.5	0.058	1.247	1.008	0.073
	Band41/1RB#49	2	Left	39750	2506	23.99	-0.08	24.5	0.061	1.125	1.008	0.069
	Band41/1RB#49	2	Top	39750	2506	23.99	0.09	24.5	0.050	1.125	1.008	0.057
	Band41/50%RB#0	2	Front	40620	2593	22.86	0.08	23.0	0.089	1.033	1.008	0.093
	Band41/50%RB#0	2	Back	40620	2593	22.86	0.14	23.0	0.140	1.033	1.008	0.146
	Band41/50%RB#0	2	Left	40620	2593	22.86	0.05	23.0	0.052	1.033	1.008	0.054
	Band41/50%RB#0	2	Top	40620	2593	22.86	-0.17	23.0	0.043	1.033	1.008	0.045
	Band41/1RB#49	0	Front	40620	2593	23.96	0.12	24.0	0.312	1.009	1.008	0.317
	Band41/1RB#49	0	Back	40620	2593	23.96	0.06	24.0	0.401	1.009	1.008	0.408
	Band41/1RB#99 CA	0	Back	40620	2593	20.80	-0.06	21.5	0.158	1.175	1.008	0.187
	Band41/1RB#49	0	Left	40620	2593	23.96	-0.09	24.0	0.120	1.009	1.008	0.122
	Band41/1RB#49	0	Right	40620	2593	23.96	-0.19	24.0	0.123	1.009	1.008	0.125
40	Band41/1RB#49	0	Bottom	40620	2593	23.96	0.12	24.0	<b>0.648</b>	1.009	1.008	0.659
	Band41/1RB#99 CA	0	Bottom	40620	2593	20.80	-0.03	21.5	0.198	1.175	1.008	0.234
	Band41/50%RB#0	0	Front	41490	2680	22.80	-0.12	23.0	0.275	1.047	1.008	0.290
	Band41/50%RB#0	0	Back	41490	2680	22.80	-0.10	23.0	0.353	1.047	1.008	0.373
	Band41/50%RB#0	0	Left	41490	2680	22.80	0.15	23.0	0.105	1.047	1.008	0.111
	Band41/50%RB#0	0	Right	41490	2680	22.80	0.02	23.0	0.109	1.047	1.008	0.115
	Band41/50%RB#0	0	Bottom	41490	2680	22.80	-0.06	23.0	0.572	1.047	1.008	0.604
<b>ANSI / IEEE C95.1 – SAFETY LIMIT</b>						<b>1.6 W/kg (mW/g)</b>						
<b>Spatial Peak</b>						<b>Averaged over 1g</b>						
<b>Uncontrolled Exposure/General Population</b>												



➤ FDD-LTE Band 66(20MHz) QPSK Body SAR in Hotspot mode

Plot No.	Band/Mode	ANT	Test Position	CH.	Freq. (MHz)	Ave. Power (dBm)	Power Drift (dB)	Tune-Up Limit (dBm)	Meas. SAR <sub>1g</sub> (W/kg)	Scaling Factor	Reported SAR <sub>1g</sub> (W/kg)
	Band66/1RB#49	2	Front	132322	1745	24.21	0.09	24.5	0.069	1.069	0.074
	Band66/1RB#49	2	Back	132322	1745	24.21	-0.10	24.5	0.106	1.069	0.113
	Band66/1RB#99 CA	2	Back	132322	1745	21.30	0.00	22.0	0.100	1.175	0.117
	Band66/1RB#49	2	Left	132322	1745	24.21	-0.11	24.5	0.040	1.069	0.043
	Band66/1RB#49	2	Top	132322	1745	24.21	0.02	24.5	0.125	1.069	0.134
	Band66/50%RB#49	2	Front	132322	1745	23.07	0.14	23.5	0.060	1.104	0.066
	Band66/50%RB#49	2	Back	132322	1745	23.07	0.19	23.5	0.092	1.104	0.102
	Band66/50%RB#49	2	Left	132322	1745	23.07	0.18	23.5	0.034	1.104	0.038
	Band66/50%RB#49	2	Top	132322	1745	23.07	-0.06	23.5	0.108	1.104	0.119
	Band66/1RB#99 CA	2	Top	132322	1745	21.30	0.06	22.0	0.106	1.175	0.125
	Band66/1RB#49	0	Front	132322	1745	24.05	0.10	24.5	0.160	1.109	0.177
	Band66/1RB#49	0	Back	132322	1745	24.05	-0.06	24.5	0.207	1.109	0.230
	Band66/1RB#99 CA	0	Back	132322	1745	20.71	0.00	21.5	0.129	1.199	0.154
	Band66/1RB#49	0	Left	132322	1745	24.05	-0.15	24.5	0.062	1.109	0.069
	Band66/1RB#49	0	Right	132322	1745	24.05	-0.10	24.5	0.063	1.109	0.070
41	Band66/1RB#49	0	Bottom	132322	1745	24.05	0.02	24.5	<b>0.450</b>	1.109	0.499
	Band66/1RB#99 CA	0	Bottom	132322	1745	20.71	-0.08	21.5	0.231	1.199	0.277
	Band66/50%RB#24	0	Front	132072	1720	22.91	0.03	23.0	0.139	1.021	0.142
	Band66/50%RB#24	0	Back	132072	1720	22.91	0.09	23.0	0.180	1.021	0.184
	Band66/50%RB#24	0	Left	132072	1720	22.91	-0.1	23.0	0.054	1.021	0.055
	Band66/50%RB#24	0	Right	132072	1720	22.91	-0.12	23.0	0.051	1.021	0.052
	Band66/50%RB#24	0	Bottom	132072	1720	22.91	-0.08	23.0	0.391	1.021	0.399
<b>ANSI / IEEE C95.1 – SAFETY LIMIT</b>											
<b>Spatial Peak</b>											
<b>Uncontrolled Exposure/General Population</b>								<b>1.6 W/kg (mW/g)</b> <b>Averaged over 1g</b>			

➤ WLAN 2.4GHz Body SAR in Hotspot mode

Plot No	Band/Mode	ANT	Test Position	CH.	Freq. (MHz)	Ave. Power (dBm)	Power Drift (dB)	Tune-Up Limit (dBm)	Meas. SAR <sub>1g</sub> (W/kg)	Scaling Factor	D.C Factor	Reported SAR <sub>1g</sub> (W/kg)
	2.4GHz/802.11b	13	Front	6	2437	17.38	0.19	17.5	0.020	1.028	1.000	0.021
31	2.4GHz/802.11b	13	Back	6	2437	17.38	-0.05	17.5	<b>0.042</b>	1.028	1.000	0.043
	2.4GHz/802.11b	13	Right	6	2437	17.38	0.20	17.5	0.034	1.028	1.000	0.035
	2.4GHz/802.11b	13	Top	6	2437	17.38	-0.02	17.5	0.007	1.028	1.000	0.007
	2.4GHz/802.11b	14	Front	1	2412	17.52	0.14	18.0	0.018	1.117	1.000	0.020
	2.4GHz/802.11b	14	Back	1	2412	17.52	-0.07	18.0	0.039	1.117	1.000	0.044
	2.4GHz/802.11b	14	Right	1	2412	17.52	0.03	18.0	0.015	1.117	1.000	0.017
	2.4GHz/802.11b	14	Top	1	2412	17.52	-0.12	18.0	0.032	1.117	1.000	0.036
<b>ANSI / IEEE C95.1 – SAFETY LIMIT</b>												
<b>Spatial Peak</b>												
<b>Uncontrolled Exposure/General Population</b>								<b>1.6 W/kg (mW/g)</b> <b>Averaged over 1g</b>				

➤ WLAN 5.2GHz Body SAR in Hotspot mode

Plot No	Band/Mode	ANT	Test Position	CH.	Freq. (MHz)	Ave. Power (dBm)	Power Drift (dB)	Tune-Up Limit (dBm)	Meas. SAR <sub>1g</sub> (W/kg)	Scaling Factor	D.C Factor	Reported SAR <sub>1g</sub> (W/kg)
	5.2GHz/802.11a	13	Front	40	5200	16.85	-0.17	17.0	0.026	1.035	1.000	0.027
32	5.2GHz/802.11a	13	Back	40	5200	16.85	0.00	17.0	<b>0.053</b>	1.035	1.000	0.055
	5.2GHz/802.11a	13	Right	40	5200	16.85	-0.20	17.0	0.036	1.035	1.000	0.037
	5.2GHz/802.11a	13	Top	40	5200	16.85	-0.14	17.0	0.009	1.035	1.000	0.009
	5.2GHz/802.11a	14	Front	48	5240	16.08	0.11	16.5	0.018	1.102	1.000	0.020
	5.2GHz/802.11a	14	Back	48	5240	16.08	0.00	16.5	0.039	1.102	1.000	0.043
	5.2GHz/802.11a	14	Right	48	5240	16.08	0.06	16.5	0.015	1.102	1.000	0.017
	5.2GHz/802.11a	14	Top	48	5240	16.08	-0.18	16.5	0.032	1.102	1.000	0.035
<b>ANSI / IEEE C95.1 – SAFETY LIMIT</b>												
<b>Spatial Peak</b>												
<b>Uncontrolled Exposure/General Population</b>								<b>1.6 W/kg (mW/g)</b> <b>Averaged over 1g</b>				

➤ WLAN 5.8GHz Body SAR in Hotspot mode

Plot No	Band/Mode	ANT	Test Position	CH.	Freq. (MHz)	Ave. Power (dBm)	Power Drift (dB)	Tune-Up Limit (dBm)	Meas. SAR <sub>1g</sub> (W/kg)	Scaling Factor	D.C Factor	Reported SAR <sub>1g</sub> (W/kg)
	5.8GHz/802.11a	13	Front	157	5785	16.18	0.03	16.5	0.037	1.076	1.000	0.040
	5.8GHz/802.11a	13	Back	157	5785	16.18	0.00	16.5	0.079	1.076	1.000	0.085
	5.8GHz/802.11a	13	Right	157	5785	16.18	-0.07	16.5	0.063	1.076	1.000	0.068
	5.8GHz/802.11a	13	Top	157	5785	16.18	-0.04	16.5	0.013	1.076	1.000	0.014
	5.8GHz/802.11a	14	Front	165	5825	17.15	0.09	17.5	0.038	1.084	1.000	0.041
35	5.8GHz/802.11a	14	Back	165	5825	17.15	0.00	17.5	<b>0.080</b>	1.084	1.000	0.086
	5.8GHz/802.11a	14	Right	165	5825	17.15	0.05	17.5	0.031	1.084	1.000	0.034
	5.8GHz/802.11a	14	Top	165	5825	17.15	-0.01	17.5	0.062	1.084	1.000	0.067
<b>ANSI / IEEE C95.1 – SAFETY LIMIT Spatial Peak Uncontrolled Exposure/General Population</b>						<b>1.6 W/kg (mW/g) Averaged over 1g</b>						

➤ Bluetooth Body SAR in Hotspot mode

Plot No	Band/Mode	ANT	Test Position	CH.	Freq. (MHz)	Ave. Power (dBm)	Power Drift (dB)	Tune-Up Limit (dBm)	Meas. SAR <sub>1g</sub> (W/kg)	Scaling Factor	D.C Factor	Reported SAR <sub>1g</sub> (W/kg)
	BT/GFSK	13	Front	78	2480	17.09	0.02	17.5	0.016	1.099	1.000	0.018
36	BT/GFSK	13	Back	78	2480	17.09	0.03	17.5	<b>0.033</b>	1.099	1.000	0.037
	BT/GFSK	13	Right	78	2480	17.09	0.08	17.5	0.027	1.099	1.000	0.030
	BT/GFSK	13	Top	78	2480	17.09	-0.06	17.5	0.005	1.099	1.000	0.005
	BT/GFSK	14	Front	78	2480	16.46	0.11	16.5	0.008	1.009	1.000	0.008
	BT/GFSK	14	Back	78	2480	16.46	0.00	16.5	0.015	1.009	1.000	0.015
	BT/GFSK	14	Right	78	2480	16.46	0.09	16.5	0.007	1.009	1.000	0.007
	BT/GFSK	14	Top	78	2480	16.46	0.19	16.5	0.013	1.009	1.000	0.013
<b>ANSI / IEEE C95.1 – SAFETY LIMIT Spatial Peak Uncontrolled Exposure/General Population</b>						<b>1.6 W/kg (mW/g) Averaged over 1g</b>						

**Note:**

- Per KDB 447498 D04v01, for each exposure position, if the highest output channel Reported SAR ≤ 0.8W/kg, other channels SAR testing is not necessary.
- Additional WLAN SAR testing was performed for simultaneous transmission analysis.
- For Hotspot SAR testing, per KDB 941225 D06v02r01, for EUT dimension ≥ 9cm\*5cm, the test distance is 10mm. SAR must be measured for all surfaces and sides with a transmitting antenna located within 2.5cm from that surface or edge.
- Per KDB 941225 D01v03r01, RMC 12.2kbps setting is used to evaluate SAR. If HSDPA output power is < 0.25dB higher than RMC 12.2kbps, or Reported SAR with RMC 12.2kbps setting is ≤ 1.2W/kg, HSDPA SAR evaluation can be excluded.
- Per KDB 865664 D01v01r04, for each frequency band, repeated SAR measurement is required when the measured SAR is ≥ 0.8W/kg.
- Per KDB 648474 D04v01r03, when the Reported SAR for a body-worn accessory measured without a headset connected to the handset is > 1.2 W/kg, SAR testing with a headset connected to the handset is required.
- Per KDB 941225 D05v02r05, 100% RB allocation SAR measurement is not required when the highest reported SAR for 1 RB and 50% RB allocation are ≤ 0.8 W/kg. Otherwise, SAR is measured for the highest output power channel.
- According to KDB 865664 D02v01r02, SAR plot is required for the highest measured SAR in each exposure configuration, wireless mode and frequency band combination.
- Highlight part of test data means repeated test.
- \*: Due the antenna location and antenna performance results the SAR value lower than the lowest system limit, then we show "<0.001\* W/Kg" in the report.

## 15.4 Repeated SAR measurement

Band/ Mode	ANT	Test Position	CH.	Freq. (MHz)	Measured SAR (W/kg)				
					Original	1 <sup>st</sup> Repeated		2 <sup>nd</sup> Repeated	
						Value	Ratio	Value	Ratio
PCS1900/Voice	2	Right Tilted	512	1850.2	0.924	0.911	1.01	/	/
Band V/RMC	2	Right Tilted	4233	846.6	0.914	0.907	1.01	/	/
<b>ANSI / IEEE C95.1 – SAFETY LIMIT Spatial Peak Uncontrolled Exposure/General Population</b>					<b>1.6 W/kg (mW/g) Averaged over 1g</b>				

**Note:**

1. Per KDB 865664 D01v01r04, for each frequency band, repeated SAR measurement is required only when the measured SAR is  $\geq 0.8$  W/kg
2. Per KDB 865664 D01v01r04, if the ratio of *original* and *repeated* is  $\leq 1.2$  and the measured SAR  $< 1.45$  W/kg, only one repeated measurement is required.

## 15.5 Multi-Band Simultaneous Transmission Considerations

### ➤ Simultaneous Transmission Capabilities

According to FCC KDB Publication 447498 D04v01, transmitters are considered to be transmitting simultaneously when there is overlapping transmission, with the exception of transmissions during network hand-offs with maximum hand-off duration less than 30 seconds. Possible transmission paths for the EUT are shown in below Figure and are color-coded to indicate communication modes which share the same path. Modes which share the same transmission path cannot transmit simultaneously with one another.

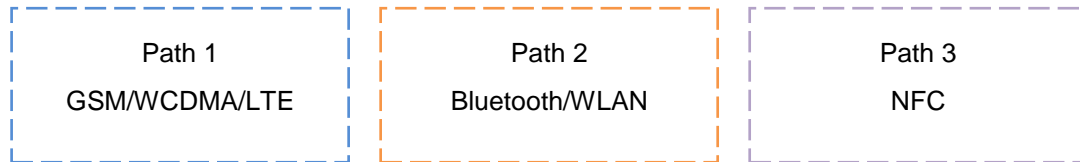


Fig.15.1 Simultaneous Transmission Paths

### ➤ Simultaneous Transmission Procedures

This device contains transmitters that may operate simultaneously. Therefore simultaneous transmission analysis is required. Per FCC KDB 447498 D04v01, simultaneous transmission SAR test exclusion may be applied when the sum of the 1-g SAR for all the simultaneous transmitting antennas in a specific a physical test configuration is  $\leq 1.6$  W/kg. When standalone SAR is not required to be measured, per FCC KDB 447498 D04v01 Appendix E, E.1), the following equation must be used to estimate the standalone 1g SAR for simultaneous transmission assessment involving that transmitter.

$$SAR_{est} = 1.6 \cdot P_{ant} / P_{th} [W/kg].$$

Mode	Max. Power (dBm)	Max. Power (mW)	Exposure Position	Head	Body	Hotspot
NFC	-53.41	0.000005	Estimated SAR (W/kg)	0.000	0.000	0.000

Note:

- Per KDB 447498 D04v01 section 2.1.2: 1-mW Test Exemption,  $P_{th} = 1mW$ .

### ➤ Multi-Band simultaneous Transmission Consideration

Simultaneous Transmission Consideration	Position	Applicable Combination
	Head	WWAN (Voice) + WLAN 2.4 GHz ANT13+ Bluetooth ANT13+ NFC
WWAN (Voice) + WLAN 5 GHz ANT13+ Bluetooth ANT13 + NFC		
WWAN (Voice) + WLAN2.4 GHz ANT13+ WLAN 5 GHz ANT13 + NFC		
WWAN (Voice) + WLAN 2.4 GHz ANT14+ Bluetooth ANT14+ NFC		
WWAN (Voice) + WLAN 5 GHz ANT14+ Bluetooth ANT14 + NFC		
WWAN (Voice) + WLAN2.4 GHz ANT14+ WLAN 5 GHz ANT14 + NFC		
Body	WWAN (Data) + WLAN 2.4 GHz ANT13+ Bluetooth ANT13+ NFC	
	WWAN (Data) + WLAN 5 GHz ANT13+ Bluetooth ANT13 + NFC	
	WWAN (Data) + WLAN2.4 GHz ANT13+ WLAN 5 GHz ANT13 + NFC	
	WWAN (Data) + WLAN 2.4 GHz ANT14+ Bluetooth ANT14+ NFC	
	WWAN (Data) + WLAN 5 GHz ANT14+ Bluetooth ANT14 + NFC	
	WWAN (Data) + WLAN2.4 GHz ANT14+ WLAN 5 GHz ANT14 + NFC	
Hotspot	WWAN (Data) + WLAN 2.4 GHz ANT13+ Bluetooth ANT13+ NFC	
	WWAN (Data) + WLAN 5 GHz ANT13+ Bluetooth ANT13 + NFC	
	WWAN (Data) + WLAN2.4 GHz ANT13+ WLAN 5 GHz ANT13 + NFC	
	WWAN (Data) + WLAN 2.4 GHz ANT14+ Bluetooth ANT14+ NFC	
	WWAN (Data) + WLAN 5 GHz ANT14+ Bluetooth ANT14 + NFC	
	WWAN (Data) + WLAN2.4 GHz ANT14+ WLAN 5 GHz ANT14 + NFC	

Note:

- DUT does not support MIMO, ANT13 and ANT14 cannot transmit simultaneously.
- GSM/WCDMA/LTE shares the same antenna, and cannot transmit simultaneously.

3. The Report SAR summation is calculated based on the same configuration and test position.
4. Per KDB 447498 D04v01, simultaneous transmission SAR is compliant if,
  - i. Scalar SAR summation < 1.6 W/kg.
  - ii.  $SPLSR = (SAR_1 + SAR_2)^{1.5} / (min. \text{ separation distance, mm})$ , 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  $SPLSR \leq 0.04$ , simultaneously transmission SAR measurement is not necessary.
  - iii. Simultaneously transmission SAR measurement, and the Reported multi-band SAR < 1.6 W/kg



## 15.6 SAR Simultaneous Transmission Analysis

### ➤ Simultaneous Transmission

Position		Standalone SAR(W/kg)					Σ SAR <sub>1g</sub> (W/kg)		
		1	2	3	4	5	1+2+4+5	1+3+4+5	1+2+3+5
		WWAN	2.4G WLAN ANT 13	5G WLAN ANT13	BT ANT13	NFC			
Head	Right Cheek	0.683	0.168	0.144	0.142	0.000	0.992	0.901	0.995
	Right Tilted	0.993	0.087	0.073	0.074	0.000	1.154	<b>1.275</b>	1.153
	Left Cheek	0.473	0.247	0.210	0.209	0.000	0.929	0.789	0.930
	Left Tilted	0.647	0.124	0.118	0.106	0.000	0.877	0.782	0.889
Body-worn	Front	0.556	0.021	0.046	0.018	0.000	0.594	0.639	0.623
	Back	0.854	0.043	0.094	0.037	0.000	0.934	0.965	0.991
Hotspot	Front	0.556	0.021	0.046	0.018	0.000	0.594	0.639	0.623
	Back	0.854	0.043	0.094	0.037	0.000	0.934	0.948	0.991
	Left	0.323	/	/	/	0.000	0.323	0.353	0.323
	Right	0.218	0.035	0.068	0.030	0.000	0.283	0.291	0.321
	Top	0.824	0.007	0.014	0.005	0.000	0.836	0.838	0.845
	Bottom	0.816	/	/	/	0.000	0.816	0.816	0.816

Position		Standalone SAR(W/kg)					Σ SAR <sub>1g</sub> (W/kg)		
		1	2	3	4	5	1+2+4+5	1+3+4+5	1+2+3+5
		WWAN	2.4G WLAN ANT 14	5G WLAN ANT14	BT ANT14	NFC			
Head	Right Cheek	0.683	0.141	0.139	0.060	0.000	0.883	0.881	0.963
	Right Tilted	0.993	0.122	0.092	0.052	0.000	1.167	1.137	1.206
	Left Cheek	0.473	0.172	0.196	0.074	0.000	0.719	0.743	0.842
	Left Tilted	0.647	0.157	0.294	0.068	0.000	0.872	1.008	1.098
Body-worn	Front	0.556	0.020	0.041	0.008	0.000	0.585	0.606	0.618
	Back	0.854	0.044	0.086	0.015	0.000	0.912	0.955	0.984
Hotspot	Front	0.556	0.020	0.041	0.008	0.000	0.585	0.606	0.618
	Back	0.854	0.044	0.086	0.015	0.000	0.912	0.955	0.984
	Left	0.323	/	/	/	0.000	0.323	0.323	0.323
	Right	0.218	0.017	0.034	0.007	0.000	0.242	0.259	0.269
	Top	0.824	0.036	0.067	0.013	0.000	0.873	0.904	0.927
	Bottom	0.816	/	/	/	0.000	0.816	0.816	0.816

### ➤ Simultaneous Transmission Conclusion

The above numerical summed SAR results for all the case simultaneous transmission conditions were below the SAR limit. Therefore, the above analysis is sufficient to determine that simultaneous transmission cases will not exceed the SAR limit and therefore no measured volumetric simultaneous SAR summation is required per FCC KDB Publication 447498 D04v01.

**15.7 Measurement Uncertainty**

Per KDB865664 D01 SAR Measurement 100 MHz to 6 GHz v01r04, when the highest measured 1-g SAR within a frequency band is  $< 1.5$  W/kg, the extensive SAR measurement uncertainty analysis described in IEC/IEEE 62209-1528:2020 is not required in SAR reports submitted for equipment approval. The equivalent ratio (1.5/1.6) is applied to extremity and occupational exposure conditions.

## **15.8 Measurement Conclusion**

The SAR evaluation indicates that the EUT complies with the RF radiation exposure limits of the FCC and Industry Canada, with respect to all parameters subject to this test. These measurements were taken to simulate the RF effects of RF exposure under worst-case conditions. Precise laboratory measures were taken to assure repeatability of the tests. The results and statements relate only to the item(s) tested. Please note that the absorption and distribution of electromagnetic energy in the body are very complex phenomena that depend on the mass, shape, and size of the body, the orientation of the body with respect to the field vectors, and the electrical properties of both the body and the environment. Other variables that may play a substantial role in possible biological effects are those that characterize the environment (e.g. ambient temperature, air velocity, relative humidity, and body insulation) and those that characterize the individual (e.g. age, gender, activity level, debilitation, or disease). Because various factors may interact with one another to vary the specific biological outcome of an exposure to electromagnetic fields, any protection guide should consider maximal amplification of biological effects as a result of field-body interactions, environmental conditions, and physiological variables.

## 16 Reference

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- [4]. SPEAG DASY52 System Handbook
- [5]. FCC KDB 248227 D01 v02r02, “SAR GUIDANCE FOR IEEE 802.11 (Wi-Fi) TRANSMITTERS”, October 2015
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- [10]. FCC KDB 941225 D06 v02r01, " SAR EVALUATION PROCEDURES FOR PORTABLE DEVICES WITH WIRELESS ROUTER CAPABILITIES", October 2015
- [11]. FCC KDB 865664 D01 v01r04, “SAR MEASUREMENT REQUIREMENTS FOR 100 MHz TO 6 GHz”, August 2015

## Appendix A: Plots of SAR System Check

Test Laboratory: JYTSZ

Date: 07.19.2024

**DUT: Dipole 750 MHz; Type: D750V3; Serial: SN:1118**

Communication System: UID 0, CW (0); Frequency: 750 MHz; Duty Cycle: 1:1  
 Medium parameters used:  $f = 750 \text{ MHz}$ ;  $\sigma = 0.881 \text{ S/m}$ ;  $\epsilon_r = 40.539$ ;  $\rho = 1000 \text{ kg/m}^3$   
 Phantom section: Flat Section

DASY5 Configuration:

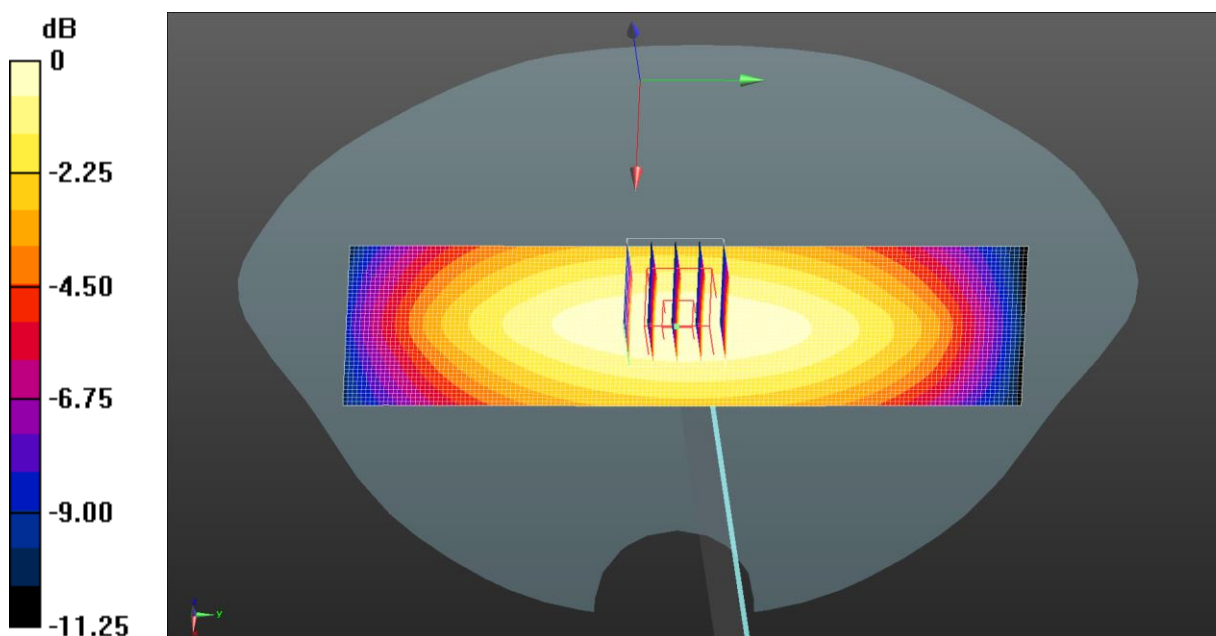
- Probe: EX3DV4 - SN3924; ConvF(10.23, 10.23, 10.23) @ 750 MHz; Calibrated: 03.20.2024
- Sensor-Surface: 1.4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1452; Calibrated: 03.26.2024
- Phantom: SAM 5.0; Type: QD000P40CD; Serial: TP:1765
- Measurement SW: DASY52, Version 52.10 (4); SEMCAD X Version 14.6.14 (7501)

**System Performance Check at Frequency 750 MHz Head Tissue/d=15mm, Pin=80 mW, dist=1.4mm (EX-Probe)/Zoom Scan (7x7x7) (5x5x7)/Cube 0:**

Measurement grid: dx=8mm, dy=8mm, dz=5mm  
 Reference Value = 32.74 V/m; Power Drift = -0.08 dB  
 Peak SAR (extrapolated) = 1.13 W/kg  
**SAR(1 g) = 0.693 W/kg; SAR(10 g) = 0.433 W/kg**  
 Smallest distance from peaks to all points 3 dB below = 17.6 mm  
 Ratio of SAR at M2 to SAR at M1 = 61%  
 Maximum value of SAR (measured) = 0.971 W/kg

**System Performance Check at Frequency 750 MHz Head Tissue/d=15mm, Pin=80 mW, dist=1.4mm (EX-Probe)/Area Scan (41x151x1):** Interpolated grid:

dx=1.500 mm, dy=1.500 mm  
 Maximum value of SAR (interpolated) = 0.968 W/kg



$0 \text{ dB} = 0.971 \text{ W/kg} = -0.13 \text{ dBW/kg}$



Test Laboratory: JYTSZ

Date: 07.22.2024

**DUT: Dipole 835 MHz; Type: D835V2; Serial: SN:4D154**

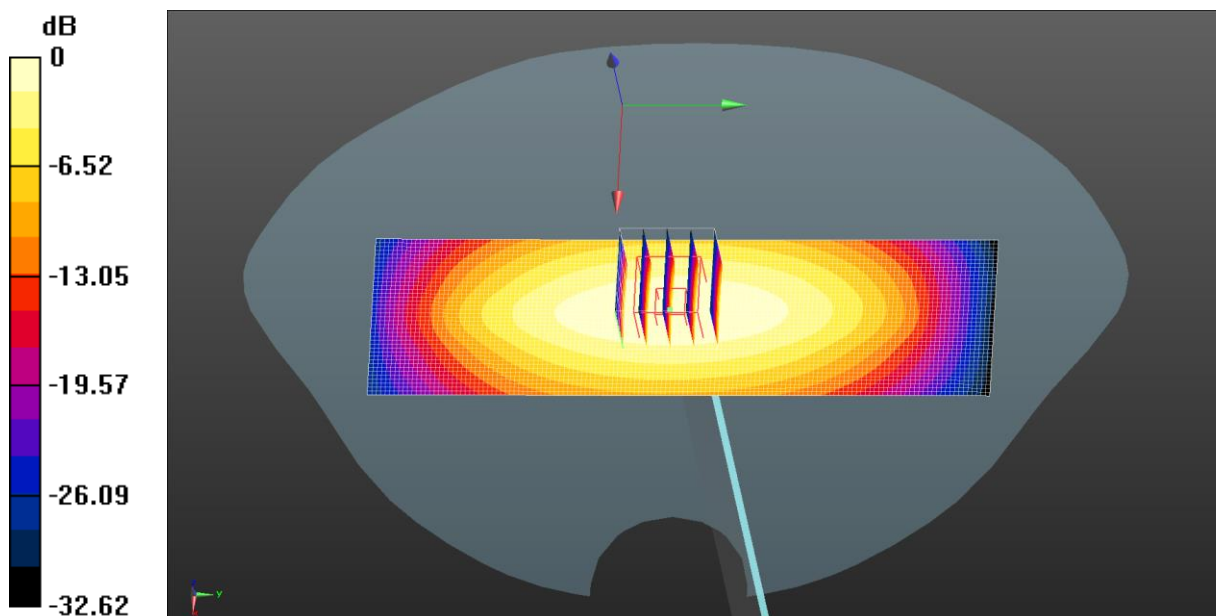
Communication System: UID 0, CW (0); Frequency: 835 MHz; Duty Cycle: 1:1  
 Medium parameters used (interpolated):  $f = 835$  MHz;  $\sigma = 0.907$  S/m;  $\epsilon_r = 40.299$ ;  $\rho = 1000$  kg/m<sup>3</sup>  
 Phantom section: Flat Section

DASY5 Configuration:

- Probe: EX3DV4 - SN3924; ConvF(9.85, 9.85, 9.85) @ 835 MHz; Calibrated: 03.20.2024
- Sensor-Surface: 1.4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1452; Calibrated: 03.26.2024
- Phantom: SAM 5.0; Type: QD000P40CD; Serial: TP:1765
- Measurement SW: DASY52, Version 52.10 (4); SEMCAD X Version 14.6.14 (7501)

**System Performance Check at Frequency 835 MHz Head Tissue/d=15mm, Pin=80 mW, dist=1.4mm (EX-Probe)/Area Scan (41x141x1):** Interpolated grid: dx=1.500 mm, dy=1.500 mm  
 Maximum value of SAR (interpolated) = 1.15 W/kg

**System Performance Check at Frequency 835 MHz Head Tissue/d=15mm, Pin=80 mW, dist=1.4mm (EX-Probe)/Zoom Scan (7x7x7) (5x5x7)/Cube 0:**  
 Measurement grid: dx=8mm, dy=8mm, dz=5mm  
 Reference Value = 33.62 V/m; Power Drift = -0.16 dB  
 Peak SAR (extrapolated) = 1.22 W/kg  
**SAR(1 g) = 0.764 W/kg; SAR(10 g) = 0.492 W/kg**  
 Smallest distance from peaks to all points 3 dB below = 17.2 mm  
 Ratio of SAR at M2 to SAR at M1 = 61.7%  
 Maximum value of SAR (measured) = 1.06 W/kg



0 dB = 1.06 W/kg = 0.25 dBW/kg

Test Laboratory: JYTSZ

Date: 07.25.2024

**DUT: Dipole 1750 MHz; Type: D1750V2; Serial: SN:1177**

Communication System: UID 0, CW (0); Frequency: 1750 MHz; Duty Cycle: 1:1  
 Medium parameters used:  $f = 1750$  MHz;  $\sigma = 1.335$  S/m;  $\epsilon_r = 39.472$ ;  $\rho = 1000$  kg/m<sup>3</sup>  
 Phantom section: Flat Section

DASY5 Configuration:

- Probe: EX3DV4 - SN3924; ConvF(8.52, 8.52, 8.52) @ 1750 MHz; Calibrated: 03.20.2024
- Sensor-Surface: 1.4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1452; Calibrated: 03.26.2024
- Phantom: SAM 5.0; Type: QD000P40CD; Serial: TP:1765
- Measurement SW: DASY52, Version 52.10 (4); SEMCAD X Version 14.6.14 (7501)

**System Performance Check at Frequency 1750 MHz Head Tissue/d=10mm, Pin=40 mW, dist=1.4mm (EX-Probe)/Area Scan (41x81x1):** Interpolated grid: dx=1.500 mm, dy=1.500 mm

Maximum value of SAR (interpolated) = 2.37 W/kg

**System Performance Check at Frequency 1750 MHz Head Tissue/d=10mm, Pin=40 mW, dist=1.4mm (EX-Probe)/Zoom Scan (7x7x7) (5x5x7)/Cube 0:**

Measurement grid: dx=8mm, dy=8mm, dz=5mm

Reference Value = 42.23 V/m; Power Drift = 0.02 dB

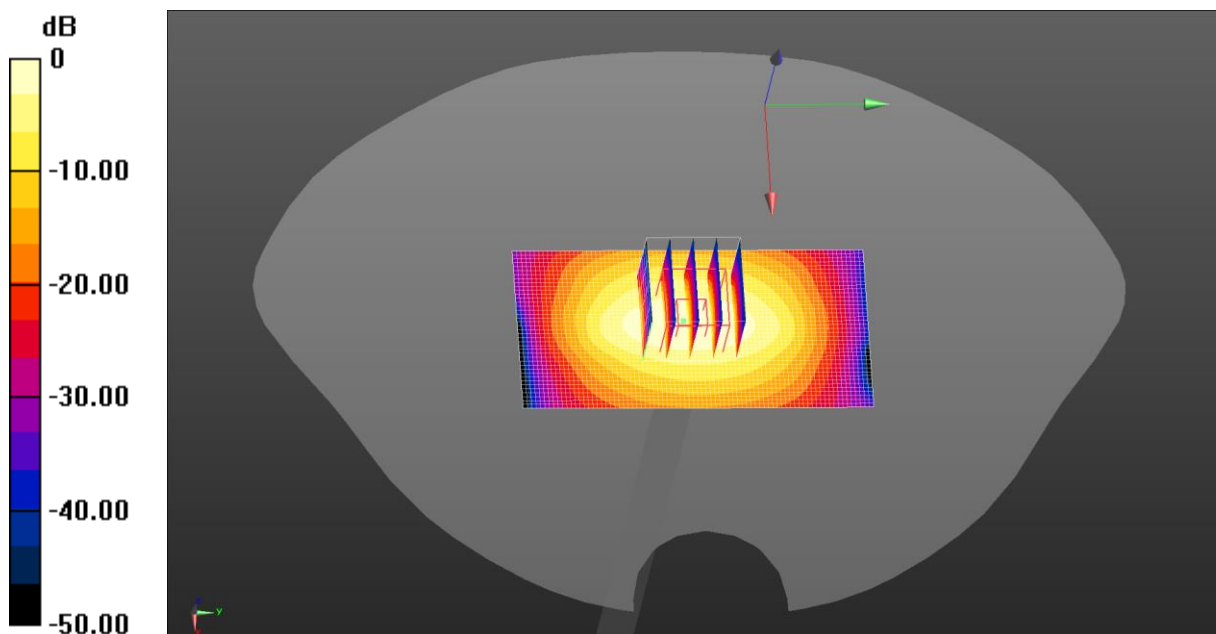
Peak SAR (extrapolated) = 2.71 W/kg

**SAR(1 g) = 1.48 W/kg; SAR(10 g) = 0.781 W/kg**

Smallest distance from peaks to all points 3 dB below = 10.7 mm

Ratio of SAR at M2 to SAR at M1 = 53.5%

Maximum value of SAR (measured) = 2.22 W/kg



$$0 \text{ dB} = 2.37 \text{ W/kg} = 3.75 \text{ dBW/kg}$$

Test Laboratory: JYTSZ

Date: 07.28.2024

**DUT: Dipole 1900 MHz; Type: D1900V2; Serial: SN:5d175**

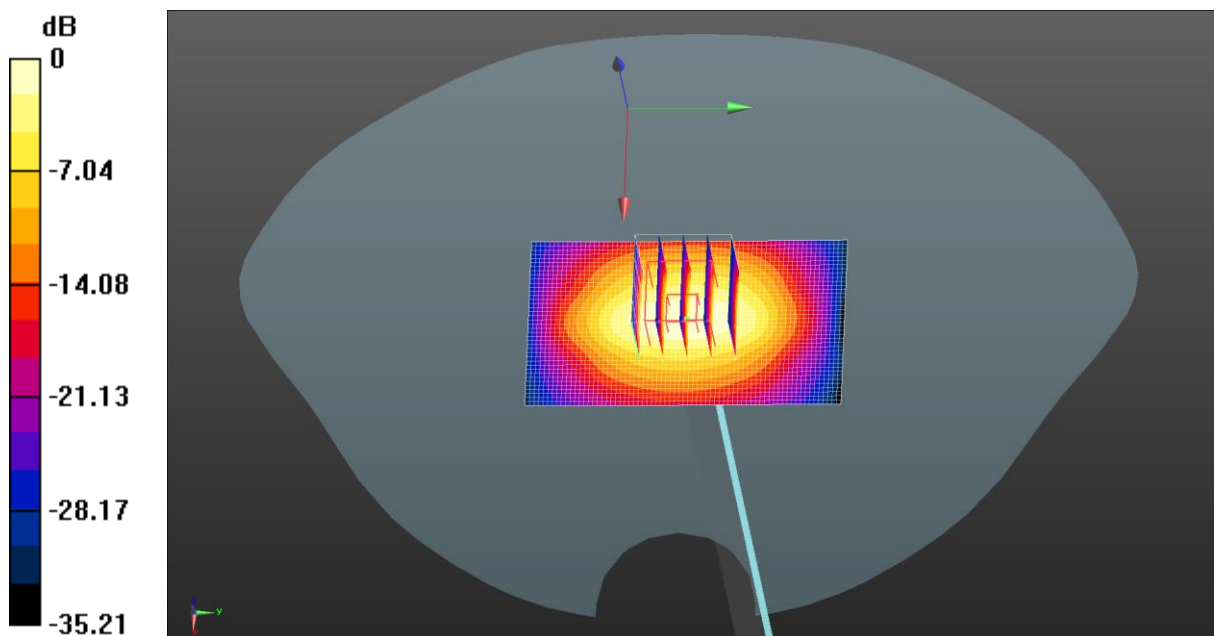
Communication System: UID 0, CW (0); Frequency: 1900 MHz; Duty Cycle: 1:1  
 Medium parameters used:  $f = 1900$  MHz;  $\sigma = 1.419$  S/m;  $\epsilon_r = 39.242$ ;  $\rho = 1000$  kg/m<sup>3</sup>  
 Phantom section: Flat Section

DASY5 Configuration:

- Probe: EX3DV4 - SN3924; ConvF(8.12, 8.12, 8.12) @ 1900 MHz; Calibrated: 03.20.2024
- Sensor-Surface: 1.4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1452; Calibrated: 03.26.2024
- Phantom: SAM 5.0; Type: QD000P40CD; Serial: TP:1765
- Measurement SW: DASY52, Version 52.10 (4); SEMCAD X Version 14.6.14 (7501)

**System Performance Check at Frequency 1900 MHz Head Tissue/d=10mm, Pin=40 mW, dist=1.4mm (EX-Probe)/Area Scan (41x71x1):** Interpolated grid: dx=1.500 mm, dy=1.500 mm  
 Maximum value of SAR (interpolated) = 2.71 W/kg

**System Performance Check at Frequency 1900 MHz Head Tissue/d=10mm, Pin=40 mW, dist=1.4mm (EX-Probe)/Zoom Scan (7x7x7) (5x5x7)/Cube 0:**  
 Measurement grid: dx=8mm, dy=8mm, dz=5mm  
 Reference Value = 43.20 V/m; Power Drift = 0.13 dB  
 Peak SAR (extrapolated) = 3.17 W/kg  
**SAR(1 g) = 1.63 W/kg; SAR(10 g) = 0.825 W/kg**  
 Smallest distance from peaks to all points 3 dB below = 9.6 mm  
 Ratio of SAR at M2 to SAR at M1 = 51.3%  
 Maximum value of SAR (measured) = 2.58 W/kg



$0 \text{ dB} = 2.71 \text{ W/kg} = 4.33 \text{ dBW/kg}$

Test Laboratory: JYTSZ

Date: 07.31.2024

**DUT: Dipole 2450 MHz; Type: D2450V2; Serial: SN:910**

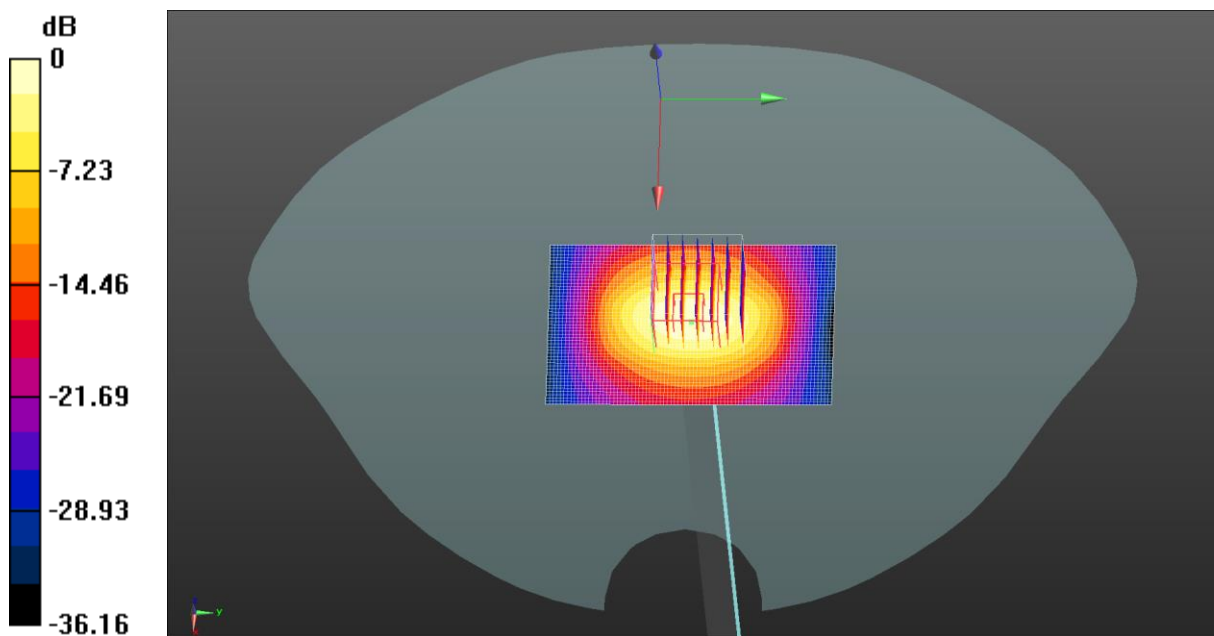
Communication System: UID 0, CW (0); Frequency: 2450 MHz; Duty Cycle: 1:1  
 Medium parameters used:  $f = 2450$  MHz;  $\sigma = 1.792$  S/m;  $\epsilon_r = 38.35$ ;  $\rho = 1000$  kg/m<sup>3</sup>  
 Phantom section: Flat Section

DASY5 Configuration:

- Probe: EX3DV4 - SN3924; ConvF(7.59, 7.59, 7.59) @ 2450 MHz; Calibrated: 03.20.2024
- Sensor-Surface: 1.4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1452; Calibrated: 03.26.2024
- Phantom: SAM 5.0; Type: QD000P40CD; Serial: TP:1765
- Measurement SW: DASY52, Version 52.10 (4); SEMCAD X Version 14.6.14 (7501)

**System Performance Check at Frequency 2450 MHz Head Tissue/d=10mm, Pin=40 mW, dist=1.4mm (EX-Probe)/Area Scan (51x81x1):** Interpolated grid: dx=1.200 mm, dy=1.200 mm  
 Maximum value of SAR (interpolated) = 3.63 W/kg

**System Performance Check at Frequency 2450 MHz Head Tissue/d=10mm, Pin=40 mW, dist=1.4mm (EX-Probe)/Zoom Scan (7x7x7)/Cube 0:** Measurement grid: dx=5mm, dy=5mm, dz=5mm  
 Reference Value = 45.62 V/m; Power Drift = 0.02 dB  
 Peak SAR (extrapolated) = 4.54 W/kg  
**SAR(1 g) = 2.18 W/kg; SAR(10 g) = 0.977 W/kg**  
 Smallest distance from peaks to all points 3 dB below = 9 mm  
 Ratio of SAR at M2 to SAR at M1 = 49%  
 Maximum value of SAR (measured) = 3.46 W/kg



$$0 \text{ dB} = 3.63 \text{ W/kg} = 5.60 \text{ dBW/kg}$$

Test Laboratory: JYTSZ

Date: 07.31.2024

**DUT: Dipole 2600 MHz; Type: D2600V2; Serial: SN:1114**

Communication System: UID 0, CW (0); Frequency: 2600 MHz; Duty Cycle: 1:1  
 Medium parameters used:  $f = 2600$  MHz;  $\sigma = 1.913$  S/m;  $\epsilon_r = 38.543$ ;  $\rho = 1000$  kg/m<sup>3</sup>  
 Phantom section: Flat Section

DASY5 Configuration:

- Probe: EX3DV4 - SN3924; ConvF(7.41, 7.41, 7.41) @ 2600 MHz; Calibrated: 03.20.2024
- Sensor-Surface: 1.4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1452; Calibrated: 03.26.2024
- Phantom: SAM 5.0; Type: QD000P40CD; Serial: TP:1765
- Measurement SW: DASY52, Version 52.10 (4); SEMCAD X Version 14.6.14 (7501)

**System Performance Check at Frequency 2600 MHz Head Tissue/d=10mm, Pin=40 mW, dist=1.4mm (EX-Probe)/Zoom Scan (7x7x7)/Cube 0: Measurement**

grid: dx=5mm, dy=5mm, dz=5mm

Reference Value = 47.26 V/m; Power Drift = -0.11 dB

Peak SAR (extrapolated) = 4.78 W/kg

**SAR(1 g) = 2.21 W/kg; SAR(10 g) = 0.962 W/kg**

Smallest distance from peaks to all points 3 dB below = 8.9 mm

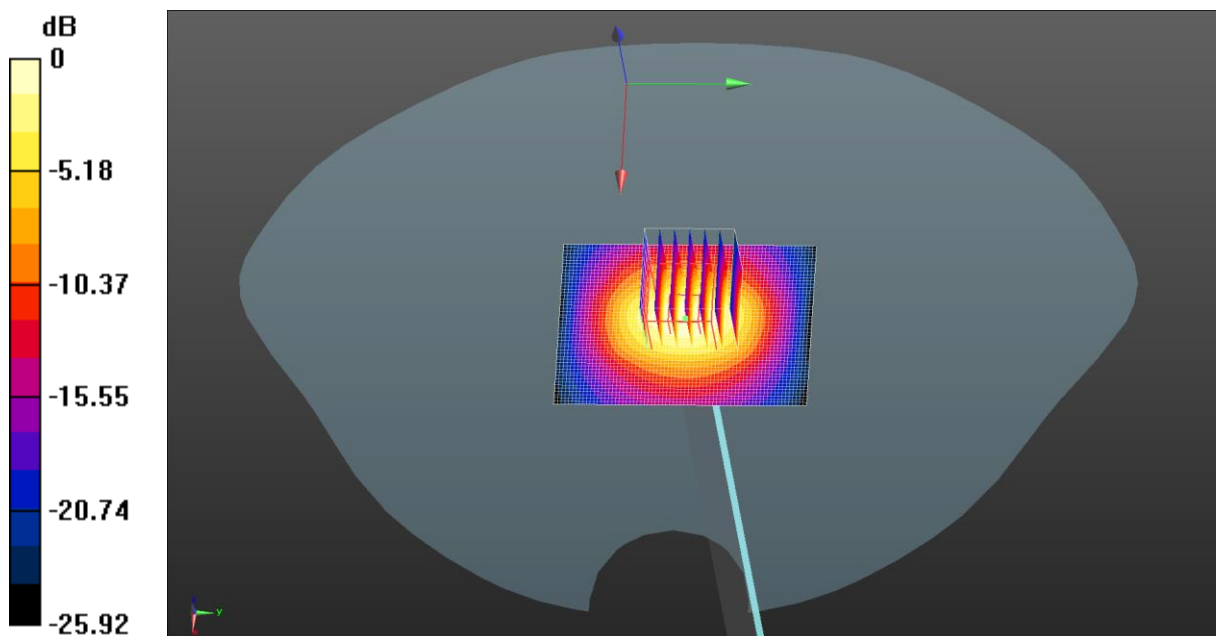
Ratio of SAR at M2 to SAR at M1 = 47.2%

Maximum value of SAR (measured) = 3.64 W/kg

**System Performance Check at Frequency 2600 MHz Head Tissue/d=10mm, Pin=40 mW, dist=1.4mm (EX-Probe)/Area Scan (51x71x1): Interpolated grid:**

dx=1.200 mm, dy=1.200 mm

Maximum value of SAR (interpolated) = 4.18 W/kg



$0 \text{ dB} = 3.64 \text{ W/kg} = 5.61 \text{ dBW/kg}$

Test Laboratory: JYTSZ

Date: 08.04.2024

**DUT: Dipole D5GHzV2; Type: D5GHzV2; Serial: SN:1320**

Communication System: UID 0, CW (0); Frequency: 5200 MHz; Duty Cycle: 1:1  
 Medium parameters used:  $f = 5200$  MHz;  $\sigma = 4.483$  S/m;  $\epsilon_r = 35.757$ ;  $\rho = 1000$  kg/m<sup>3</sup>  
 Phantom section: Flat Section

DASY5 Configuration:

- Probe: EX3DV4 - SN3924; ConvF(5.4, 5.4, 5.4) @ 5200 MHz; Calibrated: 03.20.2024
- Sensor-Surface: 1.4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1452; Calibrated: 03.26.2024
- Phantom: SAM 5.0; Type: QD000P40CD; Serial: TP:1765
- Measurement SW: DASY52, Version 52.10 (4); SEMCAD X Version 14.6.14 (7501)

**System Performance Check at Frequency 5GHz Head Tissue/d=10mm, Pin=40 mW, dist=1.4mm (EX-Probe)/Area Scan (61x81x1):** Interpolated grid: dx=1.000 mm, dy=1.000 mm

Maximum value of SAR (interpolated) = 7.52 W/kg

**System Performance Check at Frequency 5GHz Head Tissue/d=10mm, Pin=40 mW, dist=1.4mm (EX-Probe)/Zoom Scan (7x7x12)/Cube 0:** Measurement grid: dx=4mm, dy=4mm, dz=2mm

Reference Value = 44.62 V/m; Power Drift = 0.09 dB

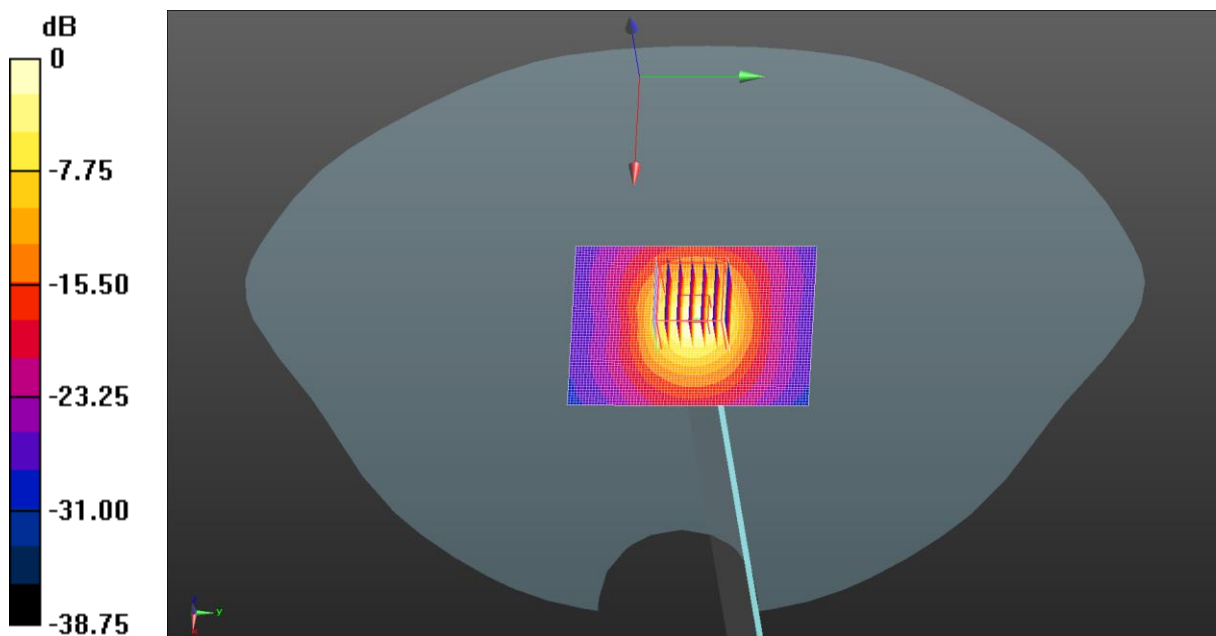
Peak SAR (extrapolated) = 11.8 W/kg

**SAR(1 g) = 2.98 W/kg; SAR(10 g) = 0.864 W/kg**

Smallest distance from peaks to all points 3 dB below = 7.2 mm

Ratio of SAR at M2 to SAR at M1 = 55.4%

Maximum value of SAR (measured) = 7.35 W/kg



0 dB = 7.35 W/kg = 8.66 dBW/kg



Test Laboratory: JYTSZ

Date: 08.07.2024

**DUT: Dipole D5GHzV2; Type: D5GHzV2; Serial: SN:1320**

Communication System: UID 0, CW (0); Frequency: 5300 MHz; Duty Cycle: 1:1  
 Medium parameters used:  $f = 5300$  MHz;  $\sigma = 4.582$  S/m;  $\epsilon_r = 35.643$ ;  $\rho = 1000$  kg/m<sup>3</sup>  
 Phantom section: Flat Section

DASY5 Configuration:

- Probe: EX3DV4 - SN3924; ConvF(5.4, 5.4, 5.4) @ 5300 MHz; Calibrated: 03.20.2024
- Sensor-Surface: 1.4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1452; Calibrated: 03.26.2024
- Phantom: SAM 5.0; Type: QD000P40CD; Serial: TP:1765
- Measurement SW: DASY52, Version 52.10 (4); SEMCAD X Version 14.6.14 (7501)

**System Performance Check at Frequency 5GHz Head Tissue/d=10mm, Pin=40 mW, dist=1.4mm (EX-Probe)/Area Scan (61x81x1):** Interpolated grid: dx=1.000 mm, dy=1.000 mm

Maximum value of SAR (interpolated) = 7.99 W/kg

**System Performance Check at Frequency 5GHz Head Tissue/d=10mm, Pin=40 mW, dist=1.4mm (EX-Probe)/Zoom Scan (7x7x12)/Cube 0:** Measurement grid: dx=4mm, dy=4mm, dz=2mm

Reference Value = 43.37 V/m; Power Drift = 0.20 dB

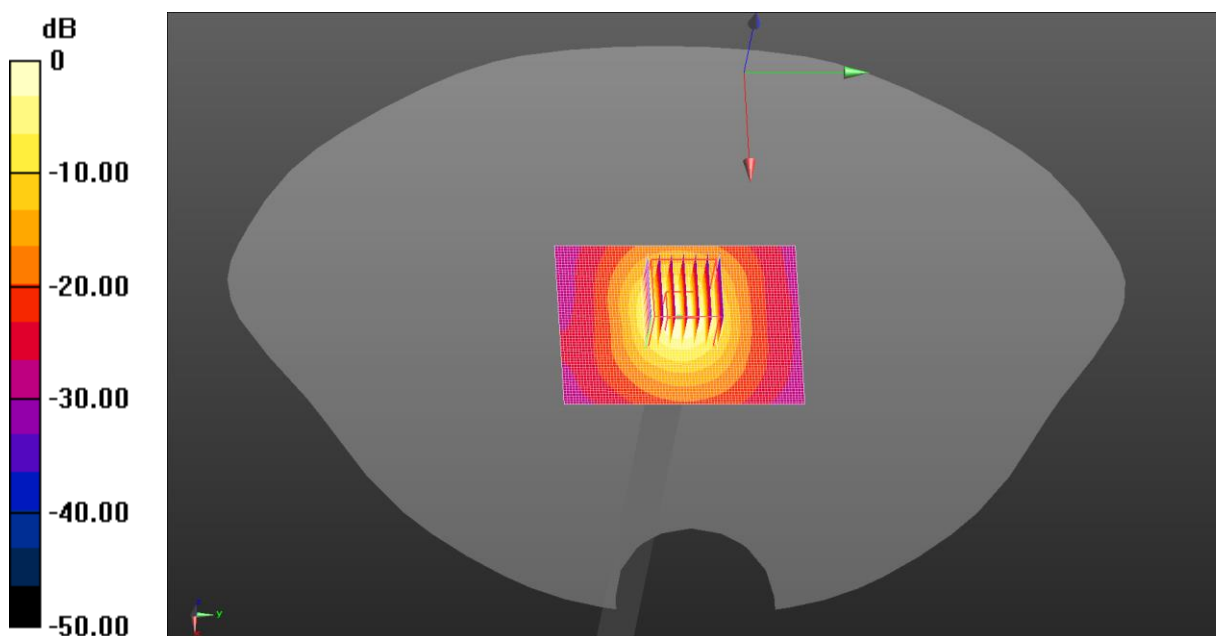
Peak SAR (extrapolated) = 12.6 W/kg

**SAR(1 g) = 3.06 W/kg; SAR(10 g) = 0.897 W/kg**

Smallest distance from peaks to all points 3 dB below = 7.2 mm

Ratio of SAR at M2 to SAR at M1 = 54.7%

Maximum value of SAR (measured) = 7.99 W/kg



$$0 \text{ dB} = 7.99 \text{ W/kg} = 9.03 \text{ dBW/kg}$$

Test Laboratory: JYTSZ

Date: 08.10.2024

**DUT: Dipole D5GHzV2; Type: D5GHzV2; Serial: SN:1320**

Communication System: UID 0, CW (0); Frequency: 5600 MHz; Duty Cycle: 1:1  
 Medium parameters used:  $f = 5600$  MHz;  $\sigma = 4.88$  S/m;  $\epsilon_r = 35.3$ ;  $\rho = 1000$  kg/m<sup>3</sup>  
 Phantom section: Flat Section

DASY5 Configuration:

- Probe: EX3DV4 - SN3924; ConvF(4.78, 4.78, 4.78) @ 5600 MHz; Calibrated: 03.20.2024
- Sensor-Surface: 1.4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1452; Calibrated: 03.26.2024
- Phantom: SAM 5.0; Type: QD000P40CD; Serial: TP:1765
- Measurement SW: DASY52, Version 52.10 (4); SEMCAD X Version 14.6.14 (7501)

**System Performance Check at Frequency 5GHz Head Tissue/d=10mm, Pin=40 mW, dist=1.4mm (EX-Probe)/Area Scan (61x81x1):** Interpolated grid: dx=1.000 mm, dy=1.000 mm

Maximum value of SAR (interpolated) = 8.13 W/kg

**System Performance Check at Frequency 5GHz Head Tissue/d=10mm, Pin=40 mW, dist=1.4mm (EX-Probe)/Zoom Scan (7x7x12)/Cube 0:** Measurement grid: dx=4mm, dy=4mm, dz=2mm

Reference Value = 44.16 V/m; Power Drift = 0.13 dB

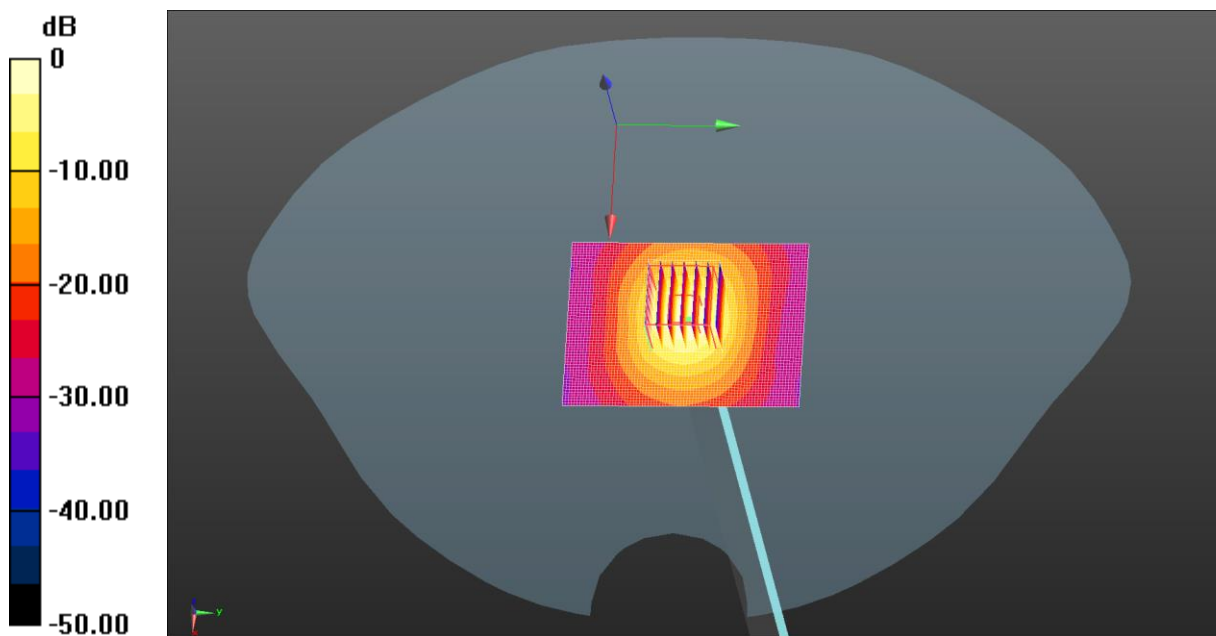
Peak SAR (extrapolated) = 13.2 W/kg

**SAR(1 g) = 3.19 W/kg; SAR(10 g) = 0.911 W/kg**

Smallest distance from peaks to all points 3 dB below = 7.4 mm

Ratio of SAR at M2 to SAR at M1 = 51.7%

Maximum value of SAR (measured) = 8.13 W/kg



0 dB = 8.13 W/kg = 9.10 dBW/kg

Test Laboratory: JYTSZ

Date: 08.13.2024

**DUT: Dipole D5GHzV2; Type: D5GHzV2; Serial: SN:1320**

Communication System: UID 0, CW (0); Frequency: 5800 MHz; Duty Cycle: 1:1  
 Medium parameters used:  $f = 5800$  MHz;  $\sigma = 5.078$  S/m;  $\epsilon_r = 35.072$ ;  $\rho = 1000$  kg/m<sup>3</sup>  
 Phantom section: Flat Section

DASY5 Configuration:

- Probe: EX3DV4 - SN3924; ConvF(4.93, 4.93, 4.93) @ 5800 MHz; Calibrated: 03.20.2024
- Sensor-Surface: 1.4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1452; Calibrated: 03.26.2024
- Phantom: SAM 5.0; Type: QD000P40CD; Serial: TP:1765
- Measurement SW: DASY52, Version 52.10 (4); SEMCAD X Version 14.6.14 (7501)

**System Performance Check at Frequency 5GHz Head Tissue/d=10mm, Pin=40 mW, dist=1.4mm (EX-Probe)/Area Scan (61x81x1):** Interpolated grid: dx=1.000 mm, dy=1.000 mm

Maximum value of SAR (interpolated) = 8.07 W/kg

**System Performance Check at Frequency 5GHz Head Tissue/d=10mm, Pin=40 mW, dist=1.4mm (EX-Probe)/Zoom Scan (7x7x12)/Cube 0:** Measurement grid: dx=4mm, dy=4mm, dz=2mm

Reference Value = 42.05 V/m; Power Drift = -0.07 dB

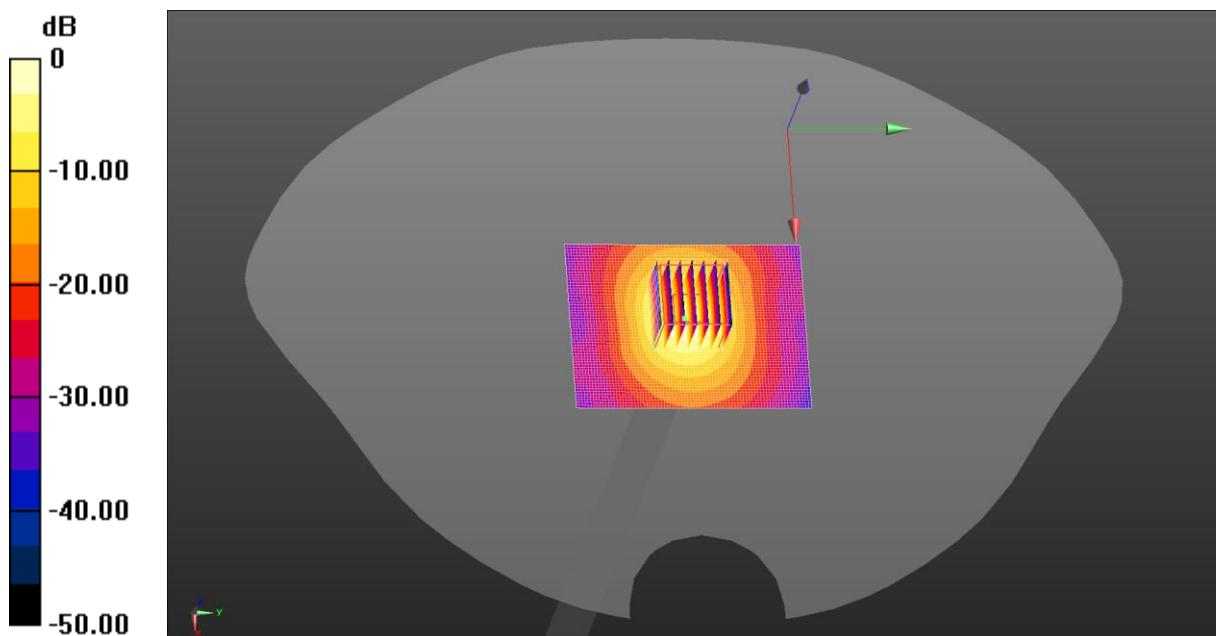
Peak SAR (extrapolated) = 12.8 W/kg

**SAR(1 g) = 3.04 W/kg; SAR(10 g) = 0.873 W/kg**

Smallest distance from peaks to all points 3 dB below = 7.2 mm

Ratio of SAR at M2 to SAR at M1 = 50.9%

Maximum value of SAR (measured) = 8.12 W/kg



$$0 \text{ dB} = 8.12 \text{ W/kg} = 9.10 \text{ dBW/kg}$$

## Appendix B: Plots of SAR Test Data

Test Laboratory: JYTSZ

Date: 07.22.2024

**DUT: Mobile Phone; Type: X6881; Serial: SZR142400072-3**

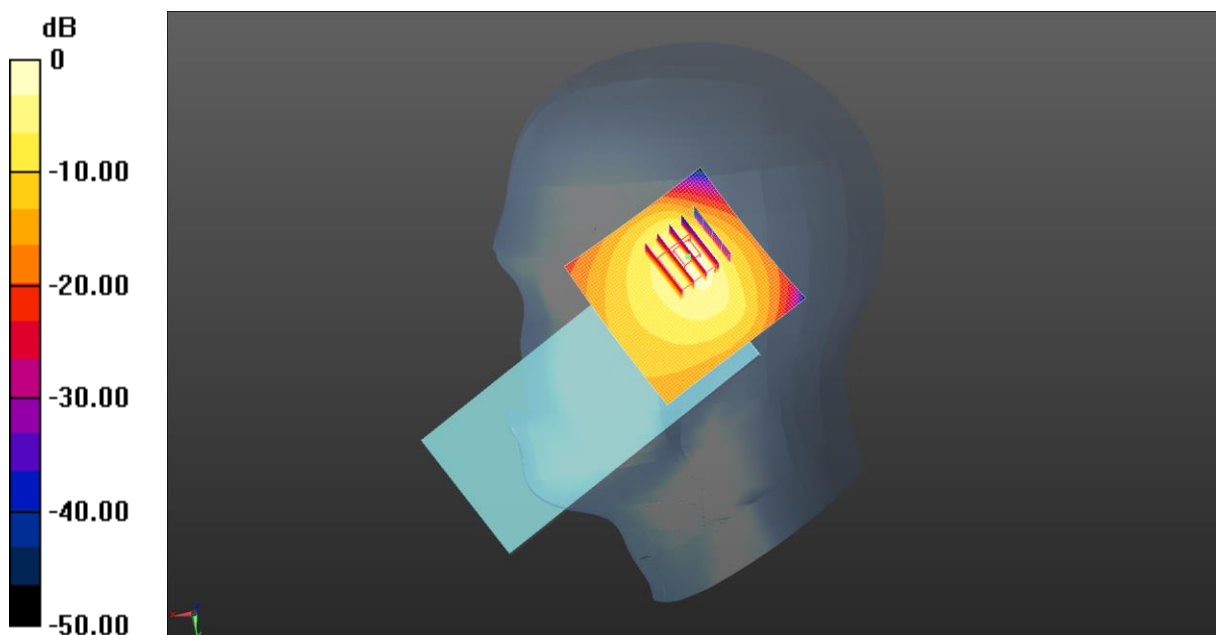
Communication System: UID 0, GSM (0); Frequency: 836.6 MHz; Duty Cycle: 1:8.30042  
Medium parameters used (interpolated):  $f = 836.6$  MHz;  $\sigma = 0.907$  S/m;  $\epsilon_r = 40.295$ ;  $\rho = 1000$  kg/m<sup>3</sup>  
Phantom section: Right Section

DASY5 Configuration:

- Probe: EX3DV4 - SN3924; ConvF(9.85, 9.85, 9.85) @ 836.6 MHz; Calibrated: 03.20.2024
- Sensor-Surface: 1.4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1452; Calibrated: 03.26.2024
- Phantom: SAM 5.0; Type: QD000P40CD; Serial: TP:1765
- Measurement SW: DASY52, Version 52.10 (4); SEMCAD X Version 14.6.14 (7501)

**GSM 850 Right Tilted/Middle Channel/Area Scan (61x61x1):** Interpolated grid:  
dx=1.500 mm, dy=1.500 mm  
Maximum value of SAR (interpolated) = 1.79 W/kg

**GSM 850 Right Tilted/Middle Channel/Zoom Scan (5x5x7)/Cube 0:** Measurement grid: dx=8mm, dy=8mm, dz=5mm  
Reference Value = 28.02 V/m; Power Drift = 0.04 dB  
Peak SAR (extrapolated) = 2.01 W/kg  
**SAR(1 g) = 0.750 W/kg; SAR(10 g) = 0.393 W/kg**  
Smallest distance from peaks to all points 3 dB below = 8.2 mm  
Ratio of SAR at M2 to SAR at M1 = 37.2%  
Maximum value of SAR (measured) = 1.28 W/kg



0 dB = 1.79 W/kg = 2.53 dBW/kg

Test Laboratory: JYTSZ

Date: 07.28.2024

**DUT: Mobile Phone; Type: X6881; Serial: SZR142400072-3**

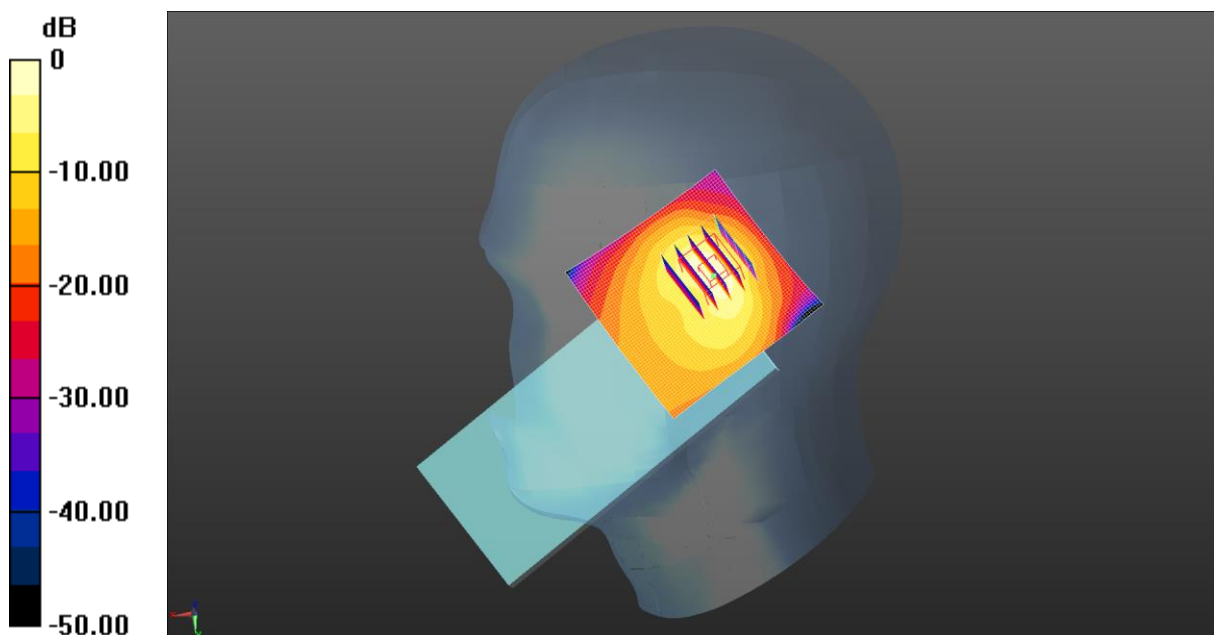
Communication System: UID 0, GSM (0); Frequency: 1850.2 MHz; Duty Cycle: 1:8.30042  
 Medium parameters used (interpolated):  $f = 1850.2$  MHz;  $\sigma = 1.389$  S/m;  $\epsilon_r = 39.306$ ;  $\rho = 1000$  kg/m<sup>3</sup>  
 Phantom section: Right Section

DASY5 Configuration:

- Probe: EX3DV4 - SN3924; ConvF(8.12, 8.12, 8.12) @ 1850.2 MHz; Calibrated: 03.20.2024
- Sensor-Surface: 1.4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1452; Calibrated: 03.26.2024
- Phantom: SAM 5.0; Type: QD000P40CD; Serial: TP:1765
- Measurement SW: DASY52, Version 52.10 (4); SEMCAD X Version 14.6.14 (7501)

**GSM 1900 Right Tilted/Low Channel/Area Scan (61x61x1):** Interpolated grid:  
 $dx=1.500$  mm,  $dy=1.500$  mm  
 Maximum value of SAR (interpolated) = 1.60 W/kg

**GSM 1900 Right Tilted/Low Channel/Zoom Scan (5x5x7)/Cube 0:** Measurement grid:  $dx=8$ mm,  $dy=8$ mm,  $dz=5$ mm  
 Reference Value = 22.36 V/m; Power Drift = 0.04 dB  
 Peak SAR (extrapolated) = 2.05 W/kg  
**SAR(1 g) = 0.924 W/kg; SAR(10 g) = 0.408 W/kg**  
 Smallest distance from peaks to all points 3 dB below = 6.6 mm  
 Ratio of SAR at M2 to SAR at M1 = 45.6%  
 Maximum value of SAR (measured) = 1.64 W/kg



0 dB = 1.60 W/kg = 2.03 dBW/kg



Test Laboratory: JYTSZ

Date: 07.28.2024

**DUT: Mobile Phone; Type: X6881; Serial: SZR142400072-3**

Communication System: UID 0, UMTS-FDD(WCDMA) (0); Frequency: 1880 MHz; Duty Cycle: 1:1

Medium parameters used:  $f = 1880 \text{ MHz}$ ;  $\sigma = 1.407 \text{ S/m}$ ;  $\epsilon_r = 39.267$ ;  $\rho = 1000 \text{ kg/m}^3$   
Phantom section: Right Section

DASY5 Configuration:

- Probe: EX3DV4 - SN3924; ConvF(8.12, 8.12, 8.12) @ 1880 MHz; Calibrated: 03.20.2024
- Sensor-Surface: 1.4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1452; Calibrated: 03.26.2024
- Phantom: SAM 5.0; Type: QD000P40CD; Serial: TP:1765
- Measurement SW: DASY52, Version 52.10 (4); SEMCAD X Version 14.6.14 (7501)

**WCDMA 1900 Right Tilted/Middle Channel/Area Scan (61x61x1):** Interpolated grid:  $dx=1.500 \text{ mm}$ ,  $dy=1.500 \text{ mm}$   
Maximum value of SAR (interpolated) = 1.04 W/kg

**WCDMA 1900 Right Tilted/Middle Channel/Zoom Scan (5x5x7)/Cube 0:**

Measurement grid:  $dx=8\text{mm}$ ,  $dy=8\text{mm}$ ,  $dz=5\text{mm}$

Reference Value = 16.53 V/m; Power Drift = 0.04 dB

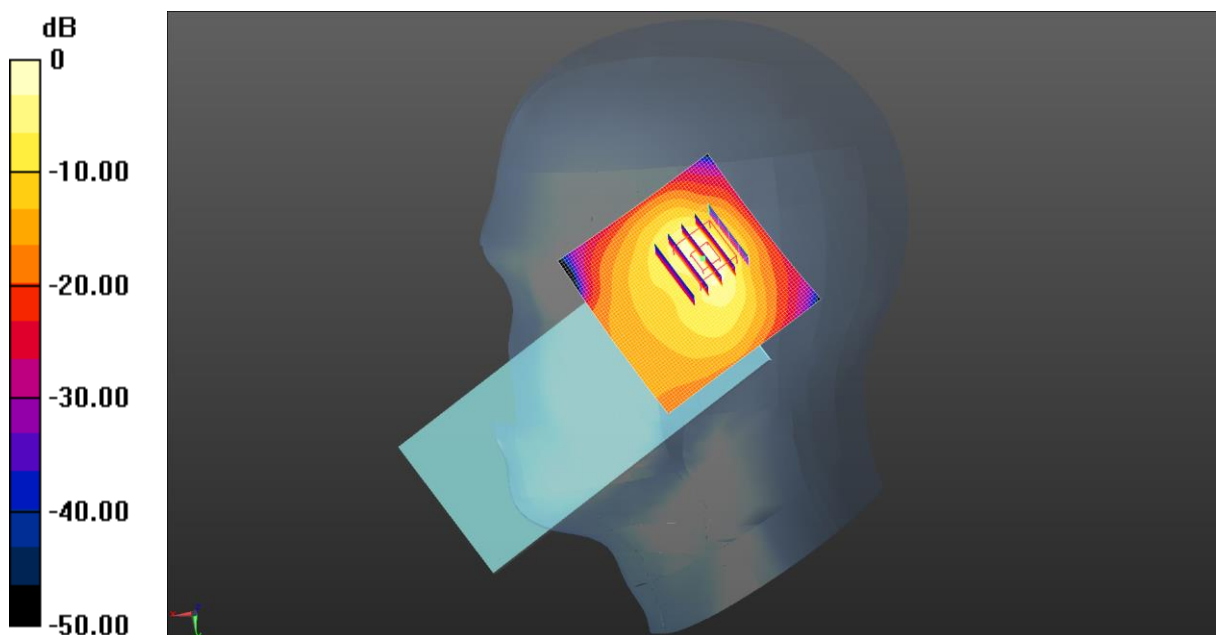
Peak SAR (extrapolated) = 1.34 W/kg

**SAR(1 g) = 0.591 W/kg; SAR(10 g) = 0.258 W/kg**

Smallest distance from peaks to all points 3 dB below = 6.4 mm

Ratio of SAR at M2 to SAR at M1 = 45.1%

Maximum value of SAR (measured) = 1.05 W/kg



0 dB = 1.04 W/kg = 0.17 dBW/kg

Test Laboratory: JYTSZ

Date: 07.25.2024

**DUT: Mobile Phone; Type: X6881; Serial: SZR142400072-3**

Communication System: UID 0, UMTS-FDD(WCDMA) (0); Frequency: 1712.4 MHz; Duty Cycle: 1:1

Medium parameters used (interpolated):  $f = 1712.4$  MHz;  $\sigma = 1.314$  S/m;  $\epsilon_r = 38.953$ ;  $\rho = 1000$  kg/m<sup>3</sup>

Phantom section: Right Section

DASY5 Configuration:

- Probe: EX3DV4 - SN3924; ConvF(8.52, 8.52, 8.52) @ 1712.4 MHz; Calibrated: 03.20.2024
- Sensor-Surface: 1.4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1452; Calibrated: 03.26.2024
- Phantom: SAM 5.0; Type: QD000P40CD; Serial: TP:1765
- Measurement SW: DASY52, Version 52.10 (4); SEMCAD X Version 14.6.14 (7501)

**WCDMA 1700 Right Tilted/Low Channel/Area Scan (61x61x1):** Interpolated grid: dx=1.500 mm, dy=1.500 mm

Maximum value of SAR (interpolated) = 1.12 W/kg

**WCDMA 1700 Right Tilted/Low Channel/Zoom Scan (5x5x7)/Cube 0:**

Measurement grid: dx=8mm, dy=8mm, dz=5mm

Reference Value = 18.17 V/m; Power Drift = 0.04 dB

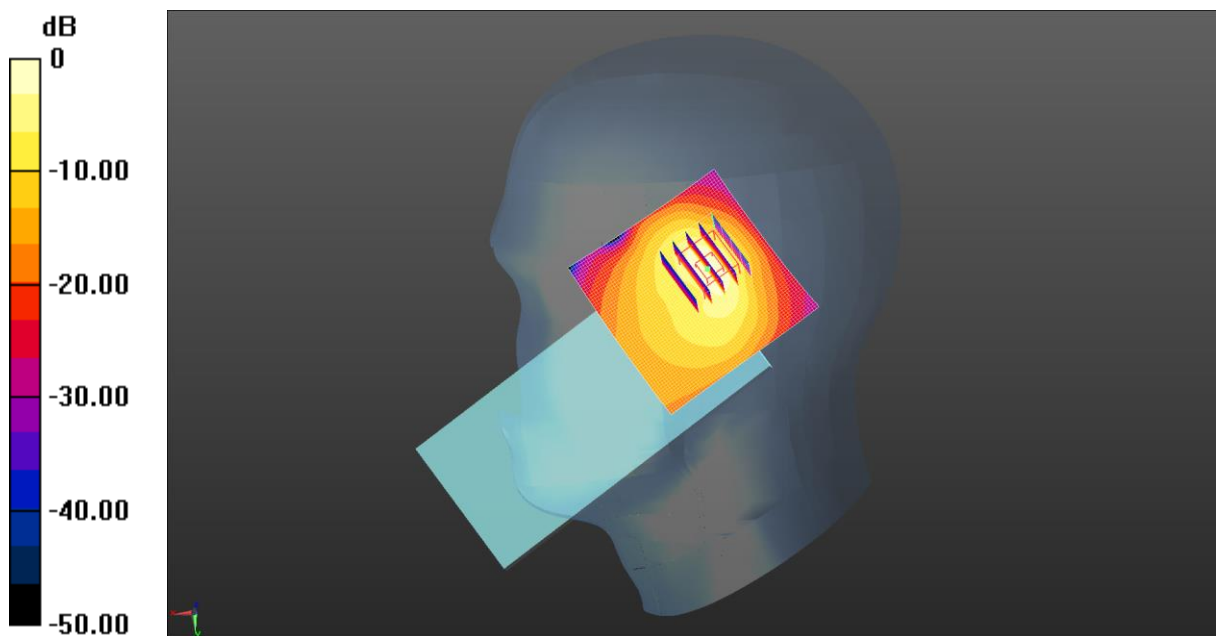
Peak SAR (extrapolated) = 1.44 W/kg

**SAR(1 g) = 0.644 W/kg; SAR(10 g) = 0.286 W/kg**

Smallest distance from peaks to all points 3 dB below = 6.4 mm

Ratio of SAR at M2 to SAR at M1 = 46.1%

Maximum value of SAR (measured) = 1.14 W/kg



0 dB = 1.12 W/kg = 0.48 dBW/kg

Test Laboratory: JYTSZ

Date: 07.22.2024

**DUT: Mobile Phone; Type: X6881; Serial: SZR142400072-3**

Communication System: UID 0, UMTS-FDD(WCDMA) (0); Frequency: 846.6 MHz; Duty Cycle: 1:1

Medium parameters used (interpolated):  $f = 846.6 \text{ MHz}$ ;  $\sigma = 0.911 \text{ S/m}$ ;  $\epsilon_r = 40.27$ ;  $\rho = 1000 \text{ kg/m}^3$

Phantom section: Right Section

DASY5 Configuration:

- Probe: EX3DV4 - SN3924; ConvF(9.85, 9.85, 9.85) @ 846.6 MHz; Calibrated: 03.20.2024
- Sensor-Surface: 1.4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1452; Calibrated: 03.26.2024
- Phantom: SAM 5.0; Type: QD000P40CD; Serial: TP:1765
- Measurement SW: DASY52, Version 52.10 (4); SEMCAD X Version 14.6.14 (7501)

**WCDMA 850 Right Tilted/High Channel/Area Scan (61x61x1):** Interpolated grid:

$dx=1.500 \text{ mm}$ ,  $dy=1.500 \text{ mm}$

Maximum value of SAR (interpolated) = 2.25 W/kg

**WCDMA 850 Right Tilted/High Channel/Zoom Scan (5x5x7)/Cube 0:**

Measurement grid:  $dx=8\text{mm}$ ,  $dy=8\text{mm}$ ,  $dz=5\text{mm}$

Reference Value = 30.83 V/m; Power Drift = 0.01 dB

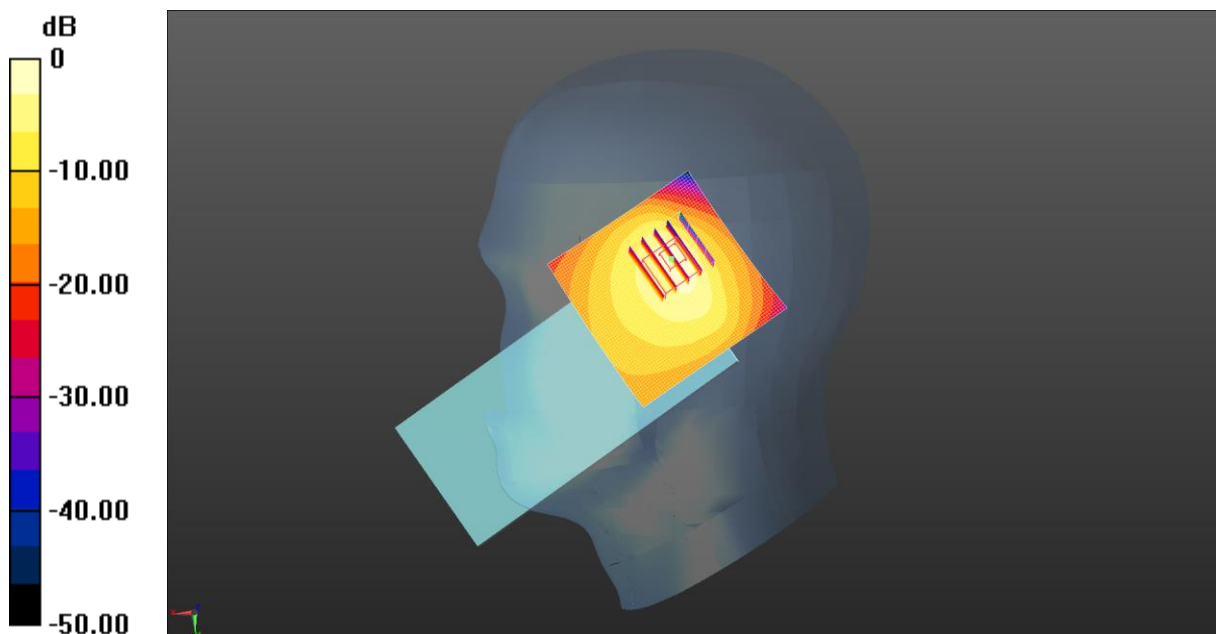
Peak SAR (extrapolated) = 2.48 W/kg

**SAR(1 g) = 0.914 W/kg; SAR(10 g) = 0.481 W/kg**

Smallest distance from peaks to all points 3 dB below = 8 mm

Ratio of SAR at M2 to SAR at M1 = 46.8%

Maximum value of SAR (measured) = 1.46 W/kg



$$0 \text{ dB} = 2.25 \text{ W/kg} = 3.53 \text{ dBW/kg}$$

Test Laboratory: JYTSZ

Date: 07.31.2024

**DUT: Mobile Phone; Type: X6881; Serial: SZR142400072-3**

Communication System: UID 0, LTE-Fdd(USA) 1RB QPSK (0); Frequency: 2510 MHz; Duty Cycle: 1:1

Medium parameters used:  $f = 2510 \text{ MHz}$ ;  $\sigma = 1.839 \text{ S/m}$ ;  $\epsilon_r = 38.682$ ;  $\rho = 1000 \text{ kg/m}^3$

Phantom section: Right Section

DASY5 Configuration:

- Probe: EX3DV4 - SN3924; ConvF(7.59, 7.59, 7.59) @ 2510 MHz; Calibrated: 03.20.2024
- Sensor-Surface: 1.4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1452; Calibrated: 03.26.2024
- Phantom: SAM 5.0; Type: QD000P40CD; Serial: TP:1765
- Measurement SW: DASY52, Version 52.10 (4); SEMCAD X Version 14.6.14 (7501)

**LTE Band 7 1RB(20MHz) Right Tilted/Low Channel/Area Scan (71x71x1):**

Interpolated grid:  $dx=1.200 \text{ mm}$ ,  $dy=1.200 \text{ mm}$

Maximum value of SAR (interpolated) = 0.996 W/kg

**LTE Band 7 1RB(20MHz) Right Tilted/Low Channel/Zoom Scan (7x7x7)/Cube**

**0:** Measurement grid:  $dx=5\text{mm}$ ,  $dy=5\text{mm}$ ,  $dz=5\text{mm}$

Reference Value = 3.392 V/m; Power Drift = 0.03 dB

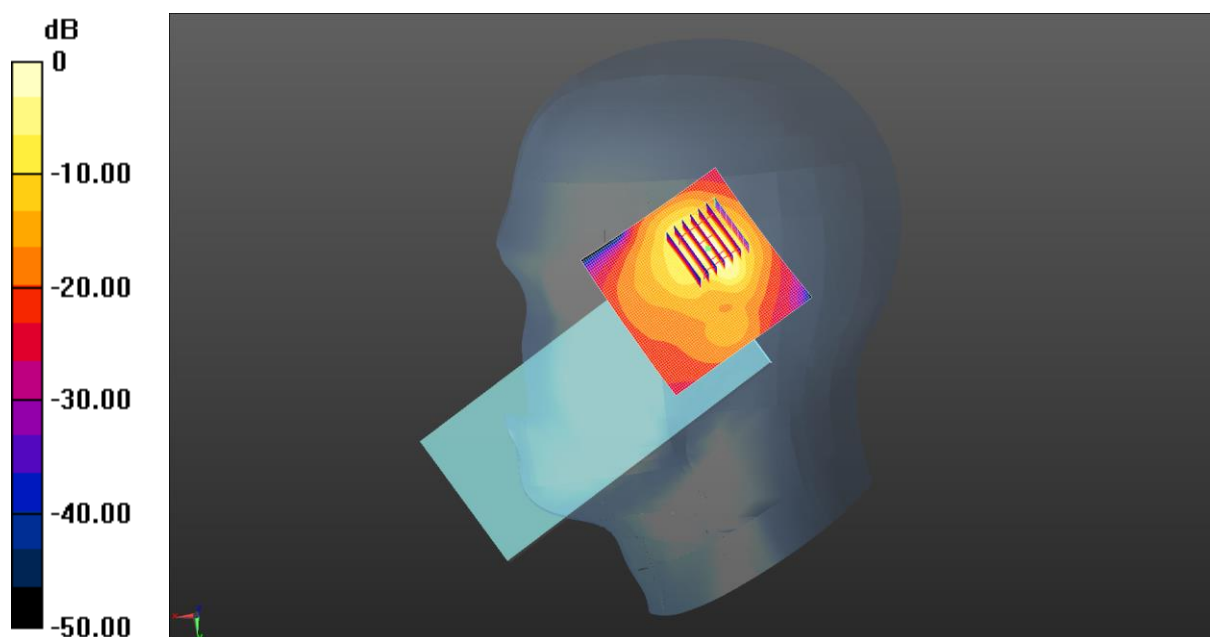
Peak SAR (extrapolated) = 1.32 W/kg

**SAR(1 g) = 0.537 W/kg; SAR(10 g) = 0.217 W/kg**

Smallest distance from peaks to all points 3 dB below = 7 mm

Ratio of SAR at M2 to SAR at M1 = 42.1%

Maximum value of SAR (measured) = 1.01 W/kg



0 dB = 0.996 W/kg = -0.02 dBW/kg

Test Laboratory: JYTSZ

Date: 07.19.2024

**DUT: Mobile Phone; Type: X6881; Serial: SZR142400072-3**

Communication System: UID 0, LTE-Fdd(USA) 1RB QPSK (0); Frequency: 707.5 MHz; Duty Cycle: 1:1

Medium parameters used (interpolated):  $f = 707.5$  MHz;  $\sigma = 0.867$  S/m;  $\epsilon_r = 41.015$ ;  $\rho = 1000$  kg/m<sup>3</sup>

Phantom section: Right Section

DASY5 Configuration:

- Probe: EX3DV4 - SN3924; ConvF(10.23, 10.23, 10.23) @ 707.5 MHz; Calibrated: 03.20.2024
- Sensor-Surface: 1.4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1452; Calibrated: 03.26.2024
- Phantom: SAM 5.0; Type: QD000P40CD; Serial: TP:1765
- Measurement SW: DASY52, Version 52.10 (4); SEMCAD X Version 14.6.14 (7501)

**LTE Band 12 1RB(10MHz) Right Tilted/Middle Channel/Area Scan (61x61x1):**

Interpolated grid: dx=1.500 mm, dy=1.500 mm

Maximum value of SAR (interpolated) = 0.545 W/kg

**LTE Band 12 1RB(10MHz) Right Tilted/Middle Channel/Zoom Scan**

**(5x5x7)/Cube 0:** Measurement grid: dx=8mm, dy=8mm, dz=5mm

Reference Value = 17.94 V/m; Power Drift = 0.11 dB

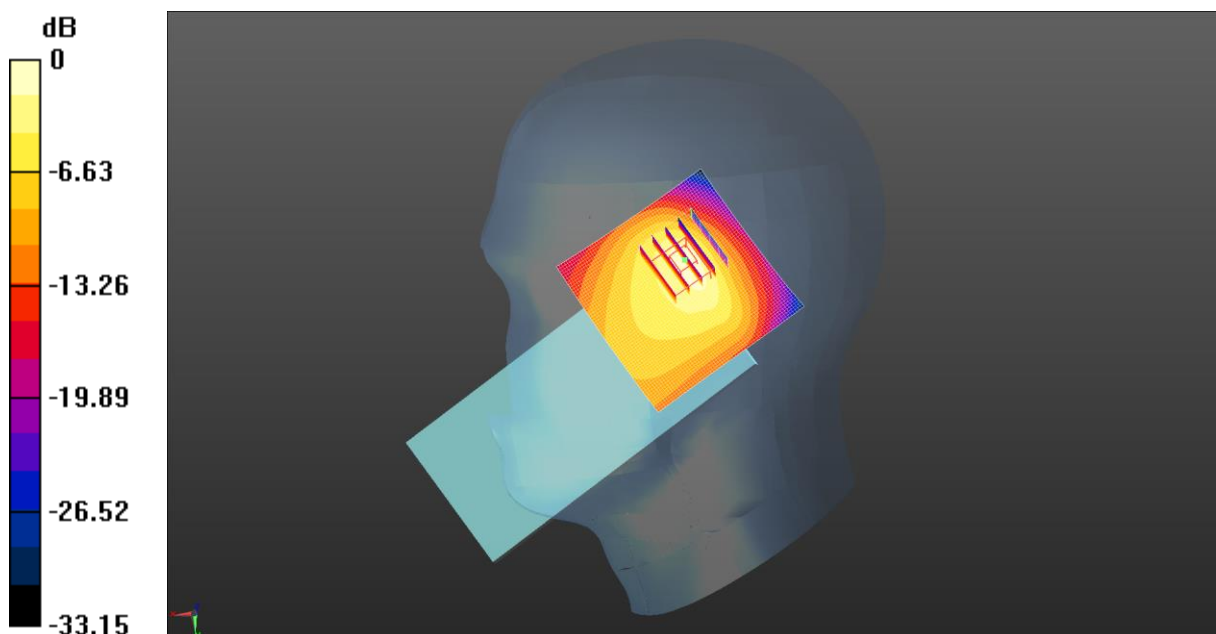
Peak SAR (extrapolated) = 0.644 W/kg

**SAR(1 g) = 0.252 W/kg; SAR(10 g) = 0.137 W/kg**

Smallest distance from peaks to all points 3 dB below = 9.1 mm

Ratio of SAR at M2 to SAR at M1 = 42%

Maximum value of SAR (measured) = 0.441 W/kg



$$0 \text{ dB} = 0.545 \text{ W/kg} = -2.64 \text{ dBW/kg}$$

Test Laboratory: JYTSZ

Date: 07.19.2024

**DUT: Mobile Phone; Type: X6881; Serial: SZR142400072-3**

Communication System: UID 0, LTE-Fdd(USA) 1RB QPSK (0); Frequency: 782 MHz;Duty Cycle: 1:1

Medium parameters used (interpolated):  $f = 782 \text{ MHz}$ ;  $\sigma = 0.89 \text{ S/m}$ ;  $\epsilon_r = 40.443$ ;  $\rho = 1000 \text{ kg/m}^3$

Phantom section: Right Section

DASY5 Configuration:

- Probe: EX3DV4 - SN3924; ConvF(10.23, 10.23, 10.23) @ 782 MHz; Calibrated: 03.20.2024
- Sensor-Surface: 1.4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1452; Calibrated: 03.26.2024
- Phantom: SAM 5.0; Type: QD000P40CD; Serial: TP:1765
- Measurement SW: DASY52, Version 52.10 (4); SEMCAD X Version 14.6.14 (7501)

**LTE Band 13 1RB(10MHz) Right Tilted/Middle Channel/Area Scan (61x61x1):**

Interpolated grid:  $dx=1.500 \text{ mm}$ ,  $dy=1.500 \text{ mm}$

Maximum value of SAR (interpolated) =  $0.516 \text{ W/kg}$

**LTE Band 13 1RB(10MHz) Right Tilted/Middle Channel/Zoom Scan**

**(5x5x7)/Cube 0:** Measurement grid:  $dx=8\text{mm}$ ,  $dy=8\text{mm}$ ,  $dz=5\text{mm}$

Reference Value =  $17.40 \text{ V/m}$ ; Power Drift =  $0.13 \text{ dB}$

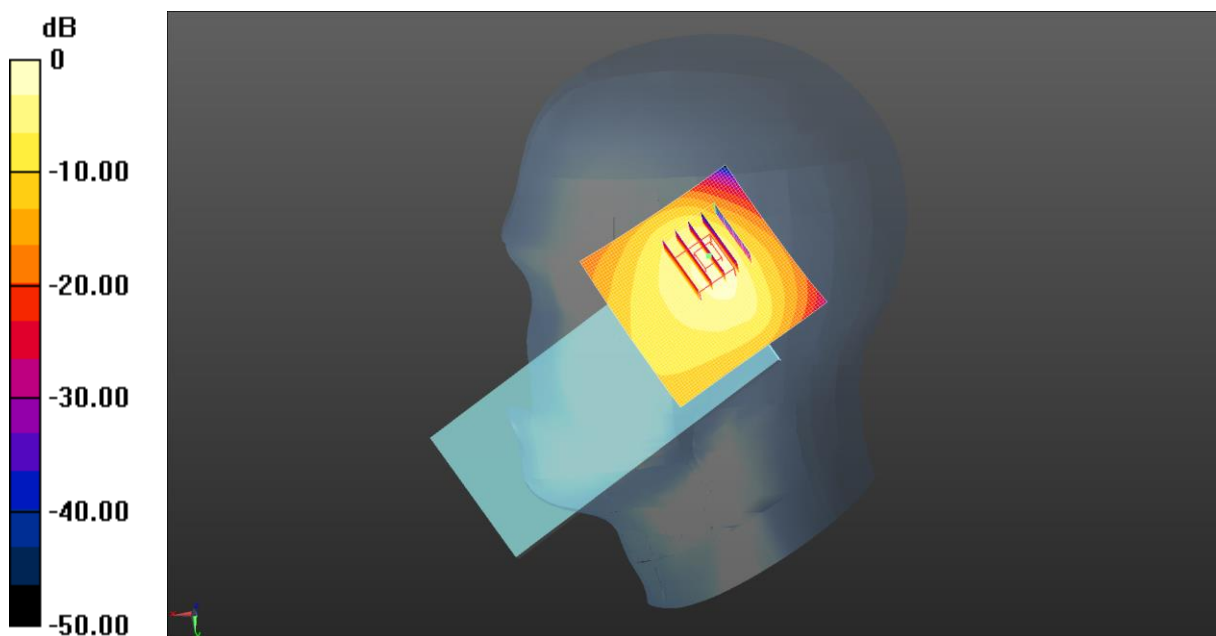
Peak SAR (extrapolated) =  $0.607 \text{ W/kg}$

**SAR(1 g) =  $0.240 \text{ W/kg}$ ; SAR(10 g) =  $0.130 \text{ W/kg}$**

Smallest distance from peaks to all points 3 dB below =  $9.1 \text{ mm}$

Ratio of SAR at M2 to SAR at M1 =  $42.4\%$

Maximum value of SAR (measured) =  $0.419 \text{ W/kg}$



$0 \text{ dB} = 0.516 \text{ W/kg} = -2.87 \text{ dBW/kg}$



Test Laboratory: JYTSZ

Date: 07.28.2024

**DUT: Mobile Phone; Type: X6881; Serial: SZR142400072-3**

Communication System: UID 0, LTE-Fdd(USA) 1RB QPSK (0); Frequency: 1905 MHz; Duty Cycle: 1:1

Medium parameters used (interpolated):  $f = 1905$  MHz;  $\sigma = 1.422$  S/m;  $\epsilon_r = 39.236$ ;  $\rho = 1000$  kg/m<sup>3</sup>

Phantom section: Right Section

DASY5 Configuration:

- Probe: EX3DV4 - SN3924; ConvF(8.12, 8.12, 8.12) @ 1905 MHz; Calibrated: 03.20.2024
- Sensor-Surface: 1.4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1452; Calibrated: 03.26.2024
- Phantom: SAM 5.0; Type: QD000P40CD; Serial: TP:1765
- Measurement SW: DASY52, Version 52.10 (4); SEMCAD X Version 14.6.14 (7501)

**LTE Band 25 1RB(20MHz) Right Tilted/High Channel/Area Scan (61x61x1):**

Interpolated grid: dx=1.500 mm, dy=1.500 mm

Maximum value of SAR (interpolated) = 1.03 W/kg

**LTE Band 25 1RB(20MHz) Right Tilted/High Channel/Zoom Scan**

**(5x5x7)/Cube 0:** Measurement grid: dx=8mm, dy=8mm, dz=5mm

Reference Value = 16.40 V/m; Power Drift = 0.02 dB

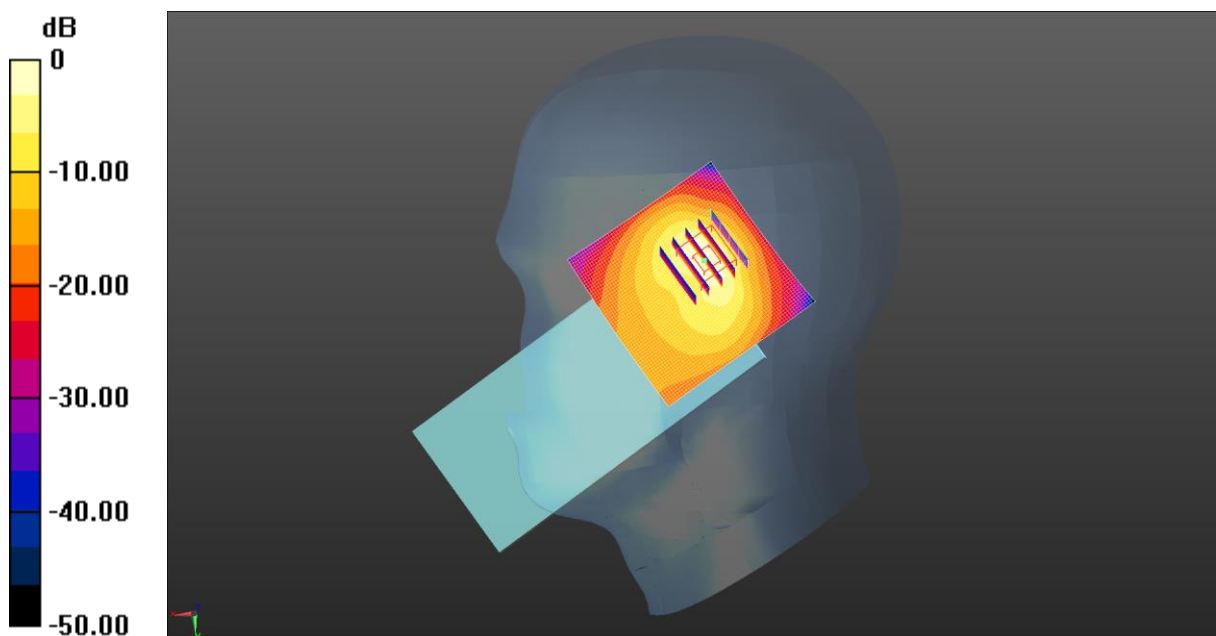
Peak SAR (extrapolated) = 1.33 W/kg

**SAR(1 g) = 0.591 W/kg; SAR(10 g) = 0.259 W/kg**

Smallest distance from peaks to all points 3 dB below = 6.4 mm

Ratio of SAR at M2 to SAR at M1 = 45.4%

Maximum value of SAR (measured) = 1.05 W/kg



0 dB = 1.03 W/kg = 0.13 dBW/kg

Test Laboratory: JYTSZ

Date: 07.22.2024

**DUT: Mobile Phone; Type: X6881; Serial: SZR142400072-3**

Communication System: UID 0, LTE-Fdd(USA) 1RB QPSK (0); Frequency: 831.5 MHz; Duty Cycle: 1:1

Medium parameters used (interpolated):  $f = 831.5$  MHz;  $\sigma = 0.905$  S/m;  $\epsilon_r = 40.308$ ;  $\rho = 1000$  kg/m<sup>3</sup>

Phantom section: Right Section

DASY5 Configuration:

- Probe: EX3DV4 - SN3924; ConvF(9.85, 9.85, 9.85) @ 831.5 MHz; Calibrated: 03.20.2024
- Sensor-Surface: 1.4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1452; Calibrated: 03.26.2024
- Phantom: SAM 5.0; Type: QD000P40CD; Serial: TP:1765
- Measurement SW: DASY52, Version 52.10 (4); SEMCAD X Version 14.6.14 (7501)

**LTE Band 26 1RB(15MHz) Right Tilted/Middle Channel/Area Scan (61x61x1):**

Interpolated grid: dx=1.500 mm, dy=1.500 mm

Maximum value of SAR (interpolated) = 1.58 W/kg

**LTE Band 26 1RB(15MHz) Right Tilted/Middle Channel/Zoom Scan**

**(5x5x7)/Cube 0:** Measurement grid: dx=8mm, dy=8mm, dz=5mm

Reference Value = 29.01 V/m; Power Drift = 0.09 dB

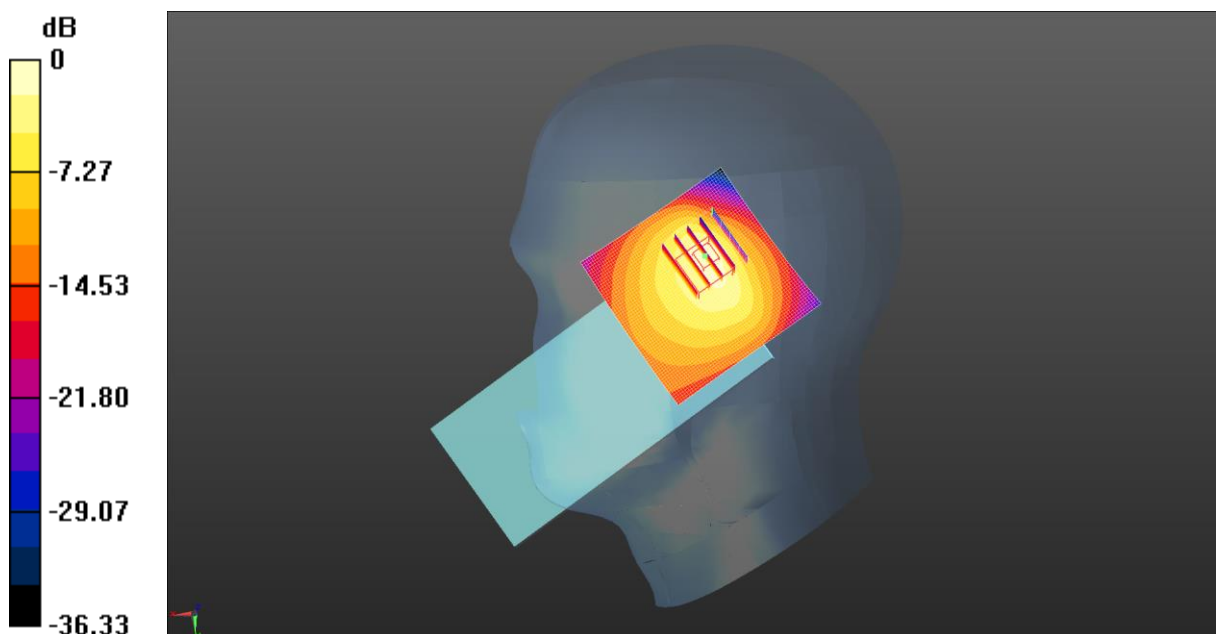
Peak SAR (extrapolated) = 1.72 W/kg

**SAR(1 g) = 0.708 W/kg; SAR(10 g) = 0.399 W/kg**

Smallest distance from peaks to all points 3 dB below = 8.6 mm

Ratio of SAR at M2 to SAR at M1 = 48.7%

Maximum value of SAR (measured) = 1.12 W/kg



0 dB = 1.58 W/kg = 2.00 dBW/kg

Test Laboratory: JYTSZ

Date: 07.31.2024

**DUT: Mobile Phone; Type: X6881; Serial: SZR142400072-3**

Communication System: UID 0, LTE-TDD(USA) 20MHz 1RB QPSK (0); Frequency: 2506 MHz; Duty Cycle: 1:1.59956

Medium parameters used (interpolated):  $f = 2506$  MHz;  $\sigma = 1.836$  S/m;  $\epsilon_r = 38.689$ ;  $\rho = 1000$  kg/m<sup>3</sup>

Phantom section: Right Section

DASY5 Configuration:

- Probe: EX3DV4 - SN3924; ConvF(7.59, 7.59, 7.59) @ 2506 MHz; Calibrated: 03.20.2024
- Sensor-Surface: 1.4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1452; Calibrated: 03.26.2024
- Phantom: SAM 5.0; Type: QD000P40CD; Serial: TP:1765
- Measurement SW: DASY52, Version 52.10 (4); SEMCAD X Version 14.6.14 (7501)

**LTE Band 41 1RB(20MHz) Right Tilted/Low Channel/Area Scan (71x71x1):**

Interpolated grid: dx=1.200 mm, dy=1.200 mm

Maximum value of SAR (interpolated) = 0.935 W/kg

**LTE Band 41 1RB(20MHz) Right Tilted/Low Channel/Zoom Scan**

**(7x7x7)/Cube 0:** Measurement grid: dx=5mm, dy=5mm, dz=5mm

Reference Value = 2.674 V/m; Power Drift = 0.04 dB

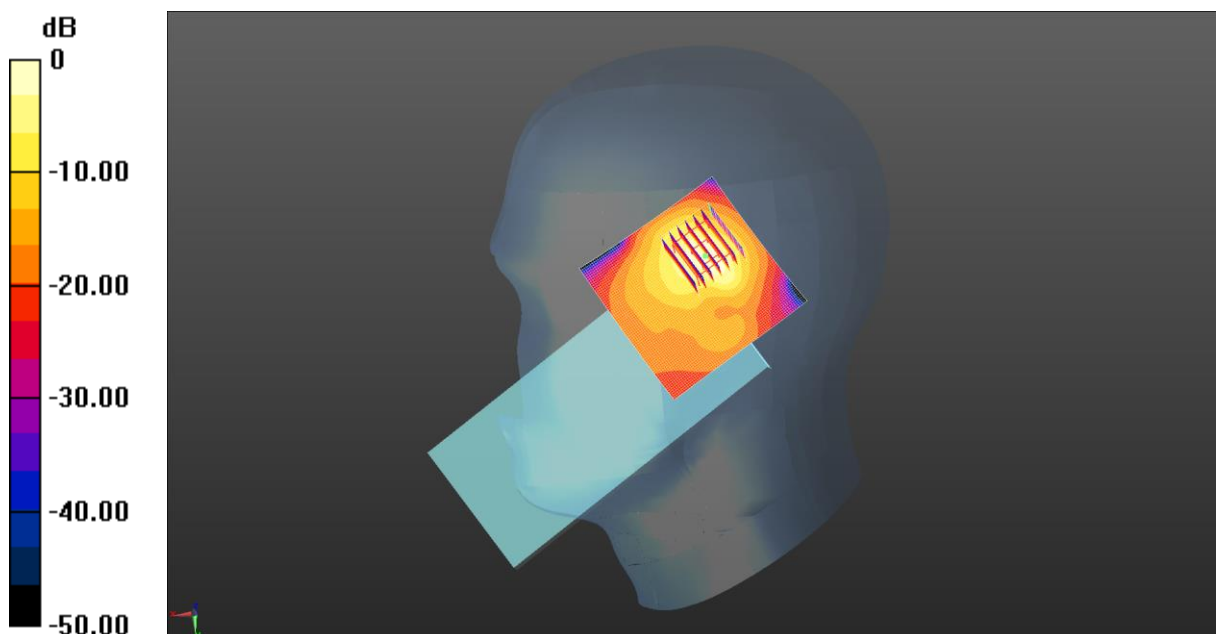
Peak SAR (extrapolated) = 1.21 W/kg

**SAR(1 g) = 0.493 W/kg; SAR(10 g) = 0.201 W/kg**

Smallest distance from peaks to all points 3 dB below = 7 mm

Ratio of SAR at M2 to SAR at M1 = 41.7%

Maximum value of SAR (measured) = 0.939 W/kg



0 dB = 0.935 W/kg = -0.29 dBW/kg

Test Laboratory: JYTSZ

Date: 07.25.2024

**DUT: Mobile Phone; Type: X6881; Serial: SZR142400072-3**

Communication System: UID 0, LTE-Fdd(USA) 1RB QPSK (0); Frequency: 1745 MHz; Duty Cycle: 1:1

Medium parameters used (interpolated):  $f = 1745$  MHz;  $\sigma = 1.332$  S/m;  $\epsilon_r = 39.484$ ;  $\rho = 1000$  kg/m<sup>3</sup>

Phantom section: Right Section

DASY5 Configuration:

- Probe: EX3DV4 - SN3924; ConvF(8.52, 8.52, 8.52) @ 1745 MHz; Calibrated: 03.20.2024
- Sensor-Surface: 1.4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1452; Calibrated: 03.26.2024
- Phantom: SAM 5.0; Type: QD000P40CD; Serial: TP:1765
- Measurement SW: DASY52, Version 52.10 (4); SEMCAD X Version 14.6.14 (7501)

**LTE Band 66 1RB(20MHz) Right Tilted/Middle Channel/Area Scan (61x61x1):**

Interpolated grid: dx=1.500 mm, dy=1.500 mm

Maximum value of SAR (interpolated) = 0.793 W/kg

**LTE Band 66 1RB(20MHz) Right Tilted/Middle Channel/Zoom Scan**

**(5x5x7)/Cube 0:** Measurement grid: dx=8mm, dy=8mm, dz=5mm

Reference Value = 16.09 V/m; Power Drift = 0.03 dB

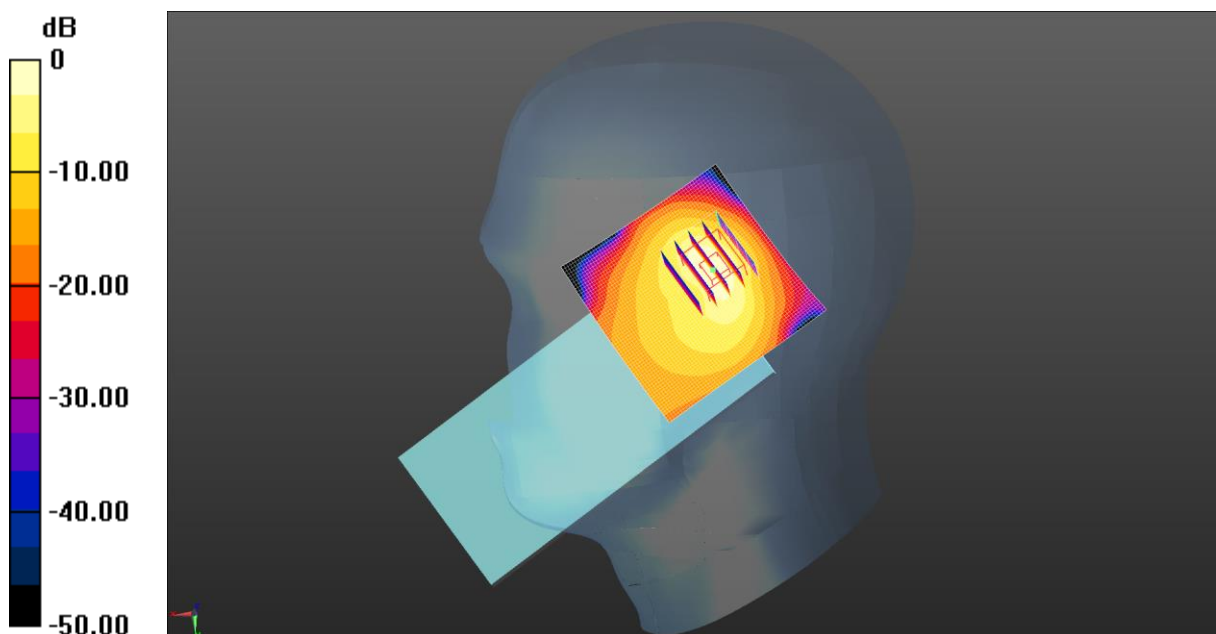
Peak SAR (extrapolated) = 0.998 W/kg

**SAR(1 g) = 0.451 W/kg; SAR(10 g) = 0.202 W/kg**

Smallest distance from peaks to all points 3 dB below = 6.4 mm

Ratio of SAR at M2 to SAR at M1 = 46.1%

Maximum value of SAR (measured) = 0.799 W/kg



0 dB = 0.793 W/kg = -1.01 dBW/kg

Test Laboratory: JYTSZ

Date: 07.31.2024

**DUT: Mobile Phone; Type: X6881; Serial: SZR142400072-3**

Communication System: UID 0, IEEE 802.11b WiFi 2.4 GHz (DSSS, 1 Mbps) (0); Frequency: 2437 MHz; Duty Cycle: 1:1

Medium parameters used (interpolated):  $f = 2437$  MHz;  $\sigma = 1.783$  S/m;  $\epsilon_r = 38.373$ ;  $\rho = 1000$  kg/m<sup>3</sup>

Phantom section: Left Section

DASY5 Configuration:

- Probe: EX3DV4 - SN3924; ConvF(7.59, 7.59, 7.59) @ 2437 MHz; Calibrated: 03.20.2024
- Sensor-Surface: 1.4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1452; Calibrated: 03.26.2024
- Phantom: SAM 5.0; Type: QD000P40CD; Serial: TP:1765
- Measurement SW: DASY52, Version 52.10 (4); SEMCAD X Version 14.6.14 (7501)

**2.4G WiFi Left Cheek/Middle Channel/Area Scan (71x71x1):** Interpolated grid:

$dx=1.200$  mm,  $dy=1.200$  mm

Maximum value of SAR (interpolated) = 0.505 W/kg

**2.4G WiFi Left Cheek/Middle Channel/Zoom Scan (7x7x7)/Cube 0:** Measurement

grid:  $dx=5$ mm,  $dy=5$ mm,  $dz=5$ mm

Reference Value = 3.851 V/m; Power Drift = 0.05 dB

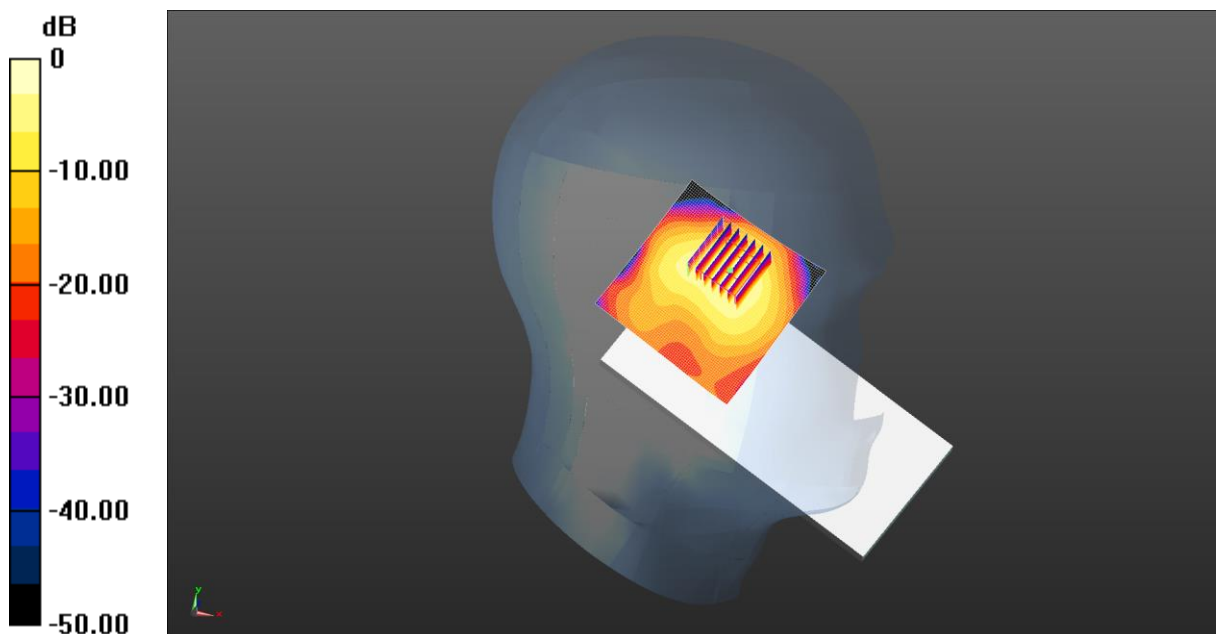
Peak SAR (extrapolated) = 0.637 W/kg

**SAR(1 g) = 0.240 W/kg; SAR(10 g) = 0.107 W/kg**

Smallest distance from peaks to all points 3 dB below = 6.7 mm

Ratio of SAR at M2 to SAR at M1 = 36.5%

Maximum value of SAR (measured) = 0.434 W/kg



$$0 \text{ dB} = 0.505 \text{ W/kg} = -2.97 \text{ dBW/kg}$$

Test Laboratory: JYTSZ

Date: 08.04.2024

**DUT: Mobile Phone; Type: X6881; Serial: SZR142400072-3**

Communication System: UID 0, IEEE 802.11a WiFi 5GHz (0); Frequency: 5240 MHz; Duty Cycle: 1:1

Medium parameters used:  $f = 5240 \text{ MHz}$ ;  $\sigma = 4.523 \text{ S/m}$ ;  $\epsilon_r = 35.712$ ;  $\rho = 1000 \text{ kg/m}^3$   
Phantom section: Left Section

DASY5 Configuration:

- Probe: EX3DV4 - SN3924; ConvF(5.4, 5.4, 5.4) @ 5240 MHz; Calibrated: 03.20.2024
- Sensor-Surface: 1.4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1452; Calibrated: 03.26.2024
- Phantom: SAM 5.0; Type: QD000P40CD; Serial: TP:1765
- Measurement SW: DASY52, Version 52.10 (4); SEMCAD X Version 14.6.14 (7501)

**5.2G WiFi Left Tilted/High Channel/Area Scan (81x81x1):** Interpolated grid:  
dx=1.000 mm, dy=1.000 mm

Maximum value of SAR (interpolated) = 0.610 W/kg

**5.2G WiFi Left Tilted/High Channel/Zoom Scan (7x7x12)/Cube 0:** Measurement grid: dx=4mm, dy=4mm, dz=2mm

Reference Value = 4.561 V/m; Power Drift = 0.04 dB

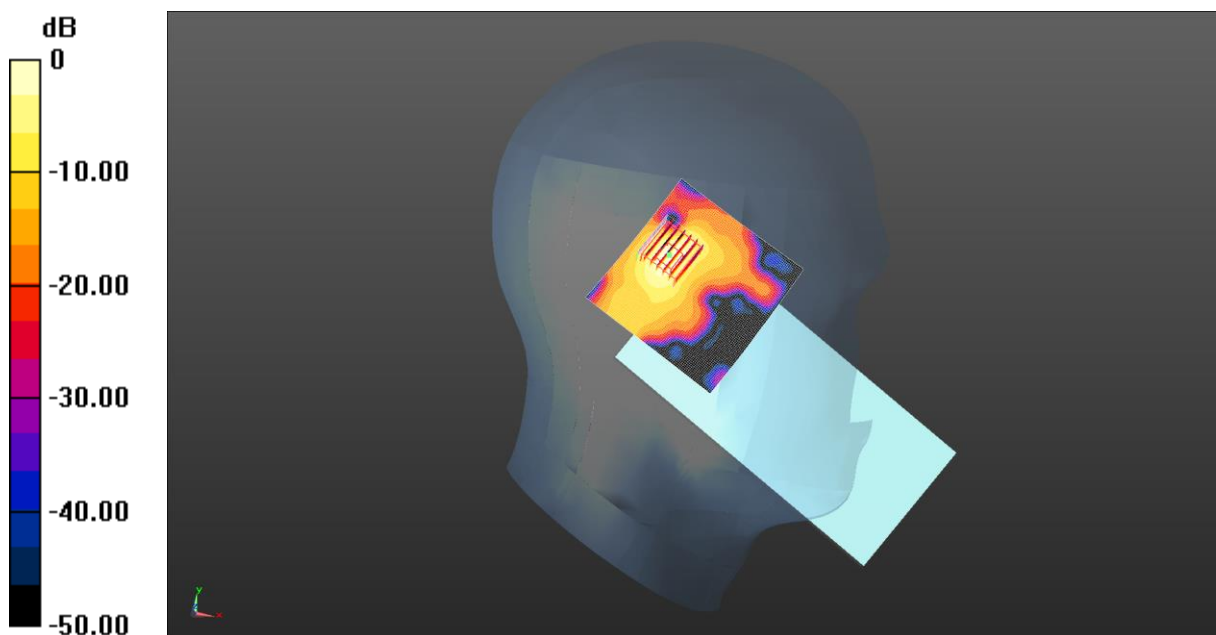
Peak SAR (extrapolated) = 0.959 W/kg

**SAR(1 g) = 0.227 W/kg; SAR(10 g) = 0.060 W/kg**

Smallest distance from peaks to all points 3 dB below = 4.8 mm

Ratio of SAR at M2 to SAR at M1 = 55%

Maximum value of SAR (measured) = 0.573 W/kg



$$0 \text{ dB} = 0.573 \text{ W/kg} = -2.42 \text{ dBW/kg}$$



Test Laboratory: JYTSZ

Date: 08.07.2024

**DUT: Mobile Phone; Type: X6881; Serial: SZR142400072-3**

Communication System: UID 0, IEEE 802.11 ac20 5GHz (0); Frequency: 5280 MHz; Duty Cycle: 1:1

Medium parameters used:  $f = 5280 \text{ MHz}$ ;  $\sigma = 4.563 \text{ S/m}$ ;  $\epsilon_r = 35.666$ ;  $\rho = 1000 \text{ kg/m}^3$   
Phantom section: Left Section

DASY5 Configuration:

- Probe: EX3DV4 - SN3924; ConvF(5.4, 5.4, 5.4) @ 5280 MHz; Calibrated: 03.20.2024
- Sensor-Surface: 1.4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1452; Calibrated: 03.26.2024
- Phantom: SAM 5.0; Type: QD000P40CD; Serial: TP:1765
- Measurement SW: DASY52, Version 52.10 (4); SEMCAD X Version 14.6.14 (7501)

**5.3G WiFi Left Tilted/Middle Channel/Area Scan (81x81x1):** Interpolated grid:  
 $dx=1.000 \text{ mm}$ ,  $dy=1.000 \text{ mm}$

Maximum value of SAR (interpolated) = 0.496 W/kg

**5.3G WiFi Left Tilted/Middle Channel/Zoom Scan (7x7x12)/Cube 0:**

Measurement grid:  $dx=4\text{mm}$ ,  $dy=4\text{mm}$ ,  $dz=2\text{mm}$

Reference Value = 3.765 V/m; Power Drift = 0.07 dB

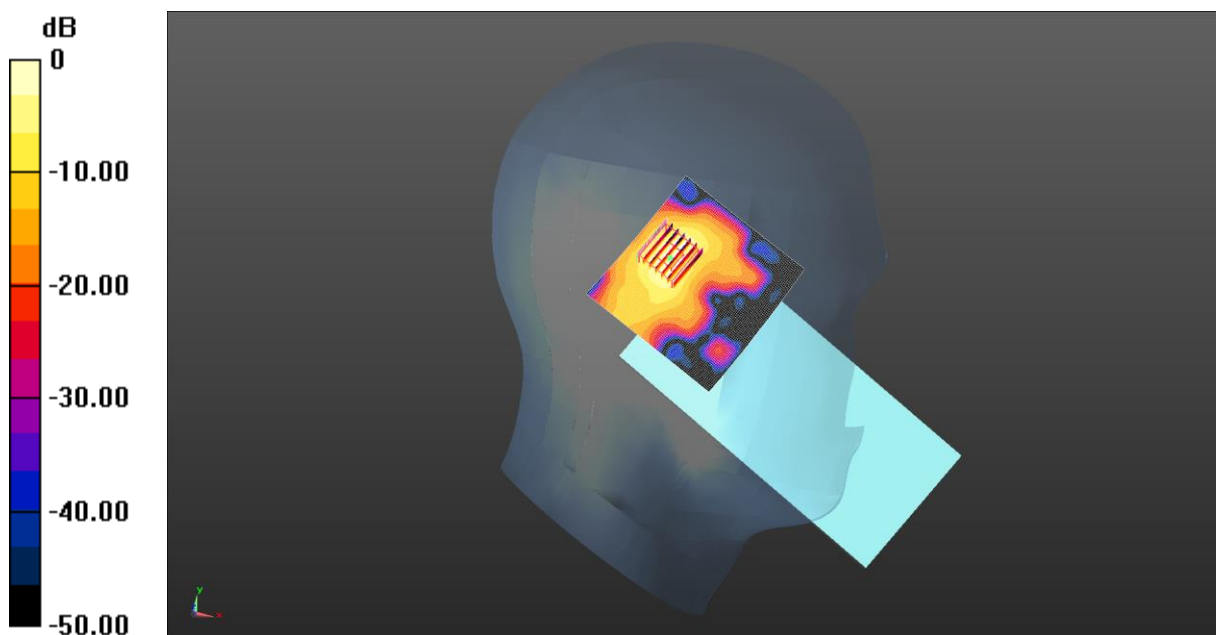
Peak SAR (extrapolated) = 0.817 W/kg

**SAR(1 g) = 0.192 W/kg; SAR(10 g) = 0.051 W/kg**

Smallest distance from peaks to all points 3 dB below = 5.6 mm

Ratio of SAR at M2 to SAR at M1 = 53.8%

Maximum value of SAR (measured) = 0.514 W/kg



0 dB = 0.514 W/kg = -2.89 dBW/kg

Test Laboratory: JYTSZ

Date: 08.10.2024

**DUT: Mobile Phone; Type: X6881; Serial: SZR142400072-3**

Communication System: UID 0, IEEE 802.11 ac20 5GHz (0); Frequency: 5500 MHz; Duty Cycle: 1:1

Medium parameters used:  $f = 5500 \text{ MHz}$ ;  $\sigma = 4.781 \text{ S/m}$ ;  $\epsilon_r = 35.414$ ;  $\rho = 1000 \text{ kg/m}^3$   
Phantom section: Left Section

DASY5 Configuration:

- Probe: EX3DV4 - SN3924; ConvF(4.78, 4.78, 4.78) @ 5500 MHz; Calibrated: 03.20.2024
- Sensor-Surface: 1.4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1452; Calibrated: 03.26.2024
- Phantom: SAM 5.0; Type: QD000P40CD; Serial: TP:1765
- Measurement SW: DASY52, Version 52.10 (4); SEMCAD X Version 14.6.14 (7501)

**5.6G WiFi Left Tilted/Low Channel/Area Scan (81x81x1):** Interpolated grid:  
 $dx=1.000 \text{ mm}$ ,  $dy=1.000 \text{ mm}$

Maximum value of SAR (interpolated) = 0.704 W/kg

**5.6G WiFi Left Tilted/Low Channel/Zoom Scan (7x7x12)/Cube 0:** Measurement grid:  $dx=4\text{mm}$ ,  $dy=4\text{mm}$ ,  $dz=2\text{mm}$

Reference Value = 5.373 V/m; Power Drift = 0.08 dB

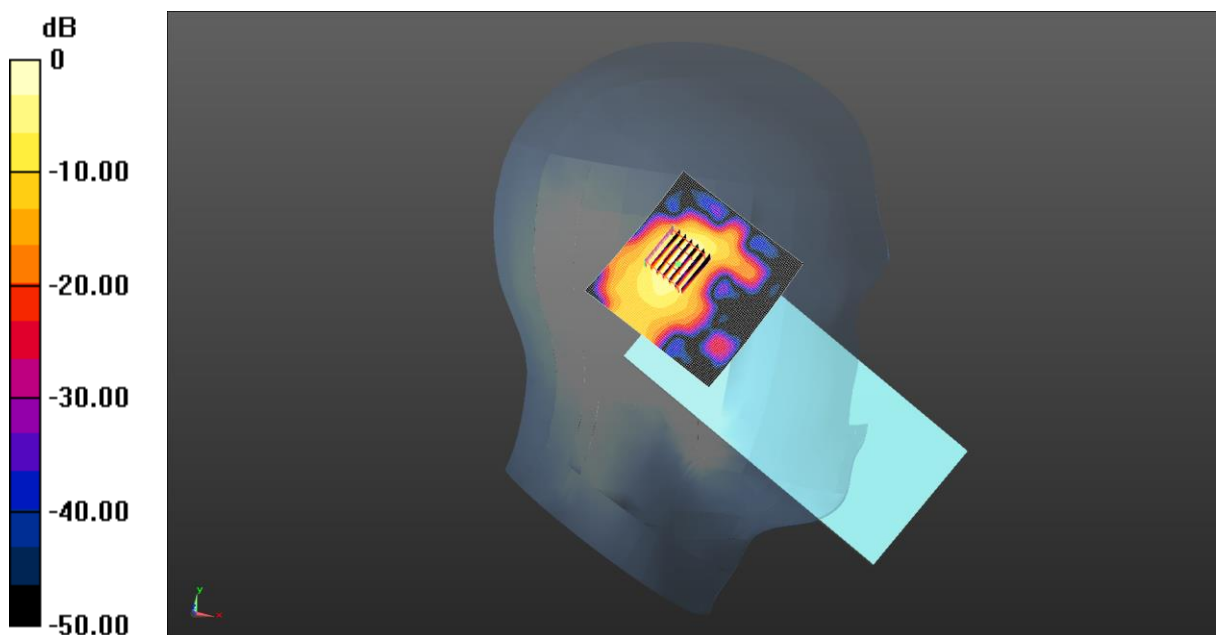
Peak SAR (extrapolated) = 1.19 W/kg

**SAR(1 g) = 0.259 W/kg; SAR(10 g) = 0.067 W/kg**

Smallest distance from peaks to all points 3 dB below = 5.1 mm

Ratio of SAR at M2 to SAR at M1 = 50.9%

Maximum value of SAR (measured) = 0.714 W/kg



0 dB = 0.714 W/kg = -1.46 dBW/kg

Test Laboratory: JYTSZ

Date: 08.13.2024

**DUT: Mobile Phone; Type: X6881; Serial: SZR142400072-3**

Communication System: UID 0, IEEE 802.11a WiFi 5GHz (0); Frequency: 5825 MHz; Duty Cycle: 1:1

Medium parameters used (interpolated):  $f = 5825$  MHz;  $\sigma = 5.103$  S/m;  $\epsilon_r = 35.043$ ;  $\rho = 1000$  kg/m<sup>3</sup>

Phantom section: Left Section

DASY5 Configuration:

- Probe: EX3DV4 - SN3924; ConvF(4.93, 4.93, 4.93) @ 5825 MHz; Calibrated: 03.20.2024
- Sensor-Surface: 1.4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1452; Calibrated: 03.26.2024
- Phantom: SAM 5.0; Type: QD000P40CD; Serial: TP:1765
- Measurement SW: DASY52, Version 52.10 (4); SEMCAD X Version 14.6.14 (7501)

**5.8G WiFi Left Tilted/High Channel/Area Scan (81x81x1):** Interpolated grid:

$dx=1.000$  mm,  $dy=1.000$  mm

Maximum value of SAR (interpolated) = 0.774 W/kg

**5.8G WiFi Left Tilted/High Channel/Zoom Scan (7x7x12)/Cube 0:** Measurement

grid:  $dx=4$ mm,  $dy=4$ mm,  $dz=2$ mm

Reference Value = 4.843 V/m; Power Drift = 0.01 dB

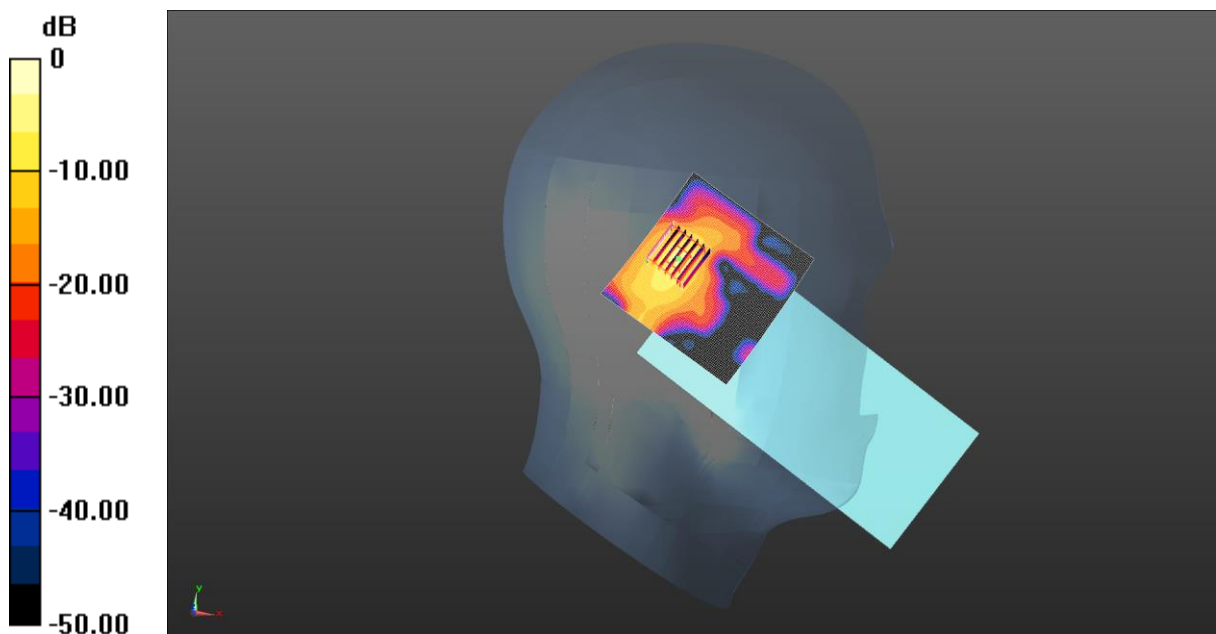
Peak SAR (extrapolated) = 2.74 W/kg

**SAR(1 g) = 0.271 W/kg; SAR(10 g) = 0.074 W/kg**

Smallest distance from peaks to all points 3 dB below = 1.1 mm

Ratio of SAR at M2 to SAR at M1 = 74.9%

Maximum value of SAR (measured) = 2.38 W/kg



0 dB = 2.38 W/kg = 3.77 dBW/kg

Test Laboratory: JYTSZ

Date: 07.31.2024

**DUT: Mobile Phone; Type: X6881; Serial: SZR142400072-3**

Communication System: UID 0, Bluetooth (0); Frequency: 2480 MHz; Duty Cycle: 1:1  
 Medium parameters used:  $f = 2480$  MHz;  $\sigma = 1.815$  S/m;  $\epsilon_r = 38.299$ ;  $\rho = 1000$  kg/m<sup>3</sup>  
 Phantom section: Left Section

DASY5 Configuration:

- Probe: EX3DV4 - SN3924; ConvF(7.59, 7.59, 7.59) @ 2480 MHz; Calibrated: 03.20.2024
- Sensor-Surface: 1.4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1452; Calibrated: 03.26.2024
- Phantom: SAM 5.0; Type: QD000P40CD; Serial: TP:1765
- Measurement SW: DASY52, Version 52.10 (4); SEMCAD X Version 14.6.14 (7501)

**BT Left Cheek/High Channel/Area Scan (71x71x1):** Interpolated grid: dx=1.200 mm, dy=1.200 mm

Maximum value of SAR (interpolated) = 0.361 W/kg

**BT Left Cheek/High Channel/Zoom Scan (7x7x7)/Cube 0:** Measurement grid: dx=5mm, dy=5mm, dz=5mm

Reference Value = 3.405 V/m; Power Drift = 0.09 dB

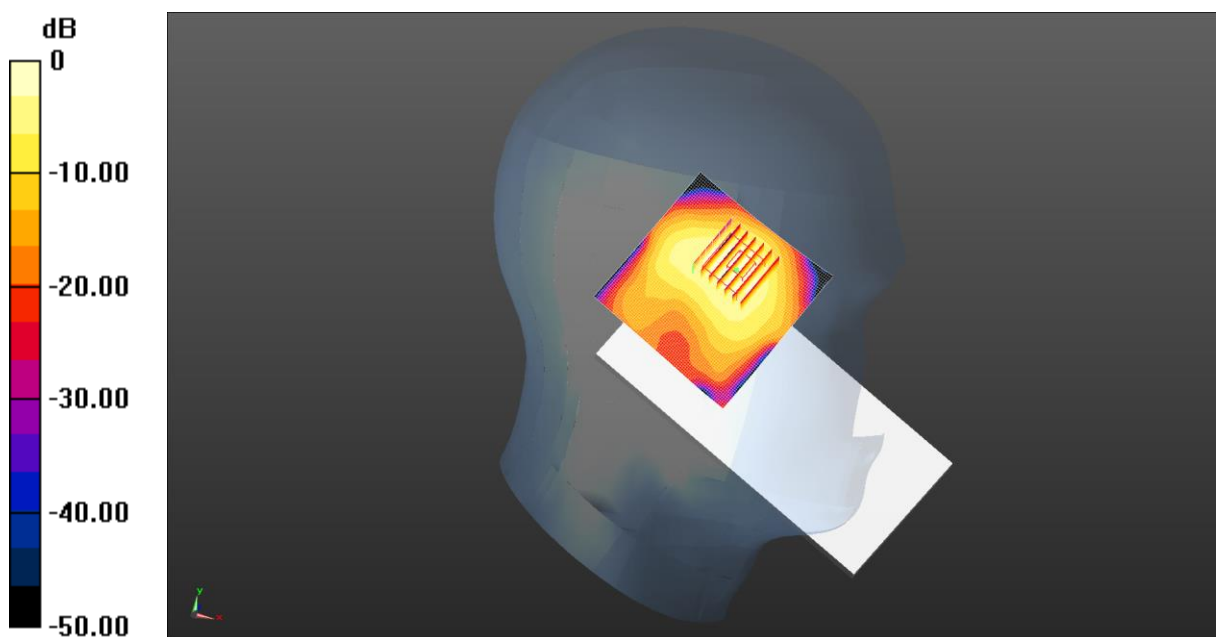
Peak SAR (extrapolated) = 0.505 W/kg

**SAR(1 g) = 0.190 W/kg; SAR(10 g) = 0.085 W/kg**

Smallest distance from peaks to all points 3 dB below = 7.7 mm

Ratio of SAR at M2 to SAR at M1 = 36.2%

Maximum value of SAR (measured) = 0.373 W/kg



$$0 \text{ dB} = 0.361 \text{ W/kg} = -4.42 \text{ dBW/kg}$$

Test Laboratory: JYTSZ

Date: 07.22.2024

**DUT: Mobile Phone; Type: X6881; Serial: SZR142400072-3**

Communication System: UID 0, GPRS(4 Slots) (0); Frequency: 836.6 MHz; Duty Cycle: 1:1.99986

Medium parameters used (interpolated):  $f = 836.6$  MHz;  $\sigma = 0.907$  S/m;  $\epsilon_r = 40.295$ ;  $\rho = 1000$  kg/m<sup>3</sup>

Phantom section: Flat Section

DASY5 Configuration:

- Probe: EX3DV4 - SN3924; ConvF(9.85, 9.85, 9.85) @ 836.6 MHz; Calibrated: 03.20.2024
- Sensor-Surface: 1.4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1452; Calibrated: 03.26.2024
- Phantom: SAM 5.0; Type: QD000P40CD; Serial: TP:1765
- Measurement SW: DASY52, Version 52.10 (4); SEMCAD X Version 14.6.14 (7501)

**GPRS 850 2Slots Body Back/Middle Channel/Area Scan (71x61x1):** Interpolated grid: dx=1.500 mm, dy=1.500 mm

Maximum value of SAR (interpolated) = 0.838 W/kg

**GPRS 850 2Slots Body Back/Middle Channel/Zoom Scan (5x5x7)/Cube 0:**

Measurement grid: dx=8mm, dy=8mm, dz=5mm

Reference Value = 18.29 V/m; Power Drift = -0.01 dB

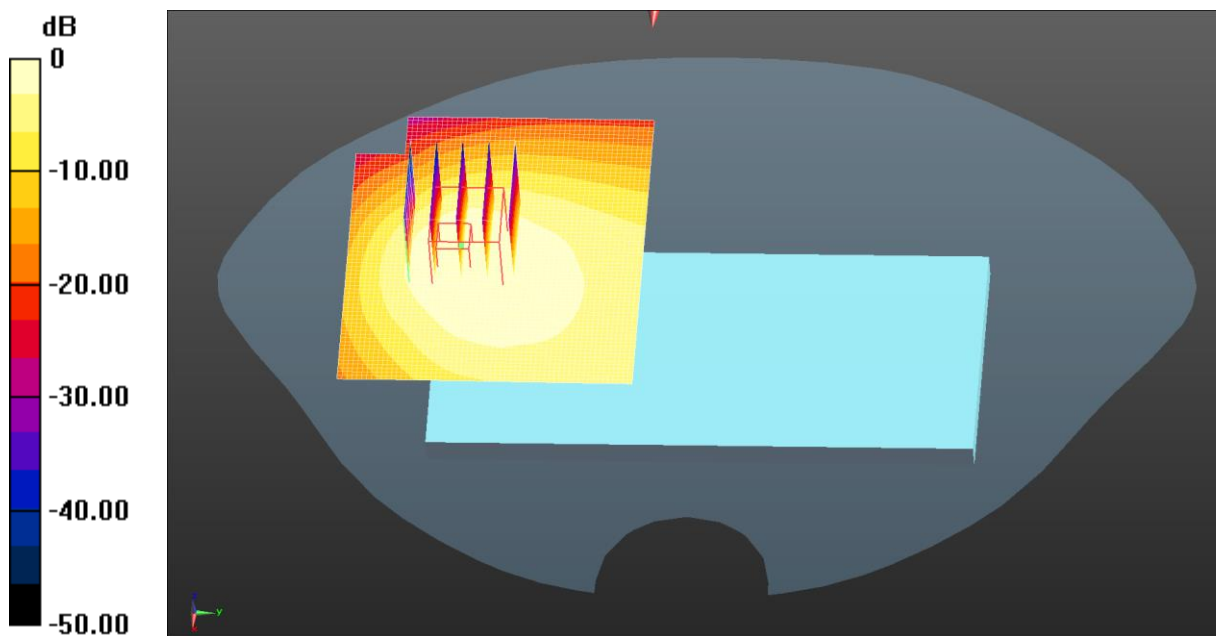
Peak SAR (extrapolated) = 0.937 W/kg

**SAR(1 g) = 0.516 W/kg; SAR(10 g) = 0.327 W/kg**

Smallest distance from peaks to all points 3 dB below = 12.9 mm

Ratio of SAR at M2 to SAR at M1 = 57.1%

Maximum value of SAR (measured) = 0.719 W/kg



0 dB = 0.838 W/kg = -0.77 dBW/kg

Test Laboratory: JYTSZ

Date: 07.28.2024

**DUT: Mobile Phone; Type: X6881; Serial: SZR142400072-3**

Communication System: UID 0, GPRS(4 Slots) (0); Frequency: 1880 MHz; Duty Cycle: 1:1.99986

Medium parameters used:  $f = 1880$  MHz;  $\sigma = 1.407$  S/m;  $\epsilon_r = 39.267$ ;  $\rho = 1000$  kg/m<sup>3</sup>  
Phantom section: Flat Section

DASY5 Configuration:

- Probe: EX3DV4 - SN3924; ConvF(8.12, 8.12, 8.12) @ 1880 MHz; Calibrated: 03.20.2024
- Sensor-Surface: 1.4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1452; Calibrated: 03.26.2024
- Phantom: SAM 5.0; Type: QD000P40CD; Serial: TP:1765
- Measurement SW: DASY52, Version 52.10 (4); SEMCAD X Version 14.6.14 (7501)

**GPRS 1900 4Slots Body Back/Middle Channel/Area Scan (71x61x1):** Interpolated grid: dx=1.500 mm, dy=1.500 mm

Maximum value of SAR (interpolated) = 1.13 W/kg

**GPRS 1900 4Slots Body Back/Middle Channel/Zoom Scan (5x5x7)/Cube 0:**

Measurement grid: dx=8mm, dy=8mm, dz=5mm

Reference Value = 9.430 V/m; Power Drift = -0.10 dB

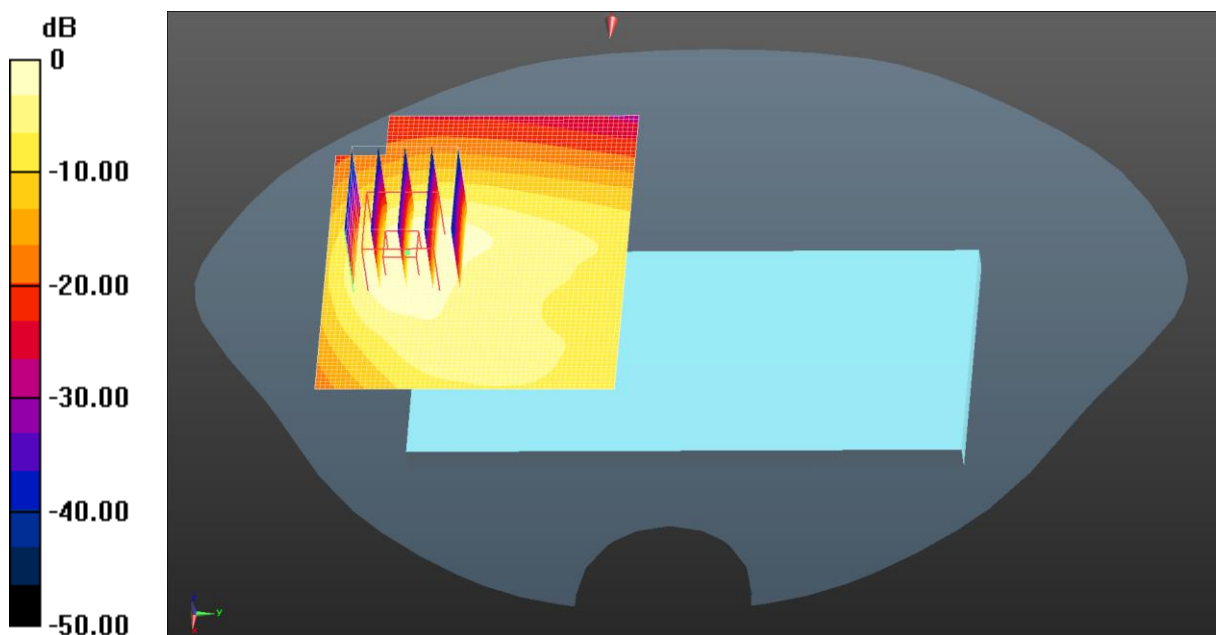
Peak SAR (extrapolated) = 1.53 W/kg

**SAR(1 g) = 0.795 W/kg; SAR(10 g) = 0.410 W/kg**

Smallest distance from peaks to all points 3 dB below = 10.7 mm

Ratio of SAR at M2 to SAR at M1 = 51.7%

Maximum value of SAR (measured) = 1.21 W/kg



0 dB = 1.13 W/kg = 0.54 dBW/kg



Test Laboratory: JYTSZ

Date: 07.28.2024

**DUT: Mobile Phone; Type: X6881; Serial: SZR142400072-3**

Communication System: UID 0, UMTS-FDD(WCDMA) (0); Frequency: 1880 MHz; Duty Cycle: 1:1

Medium parameters used:  $f = 1880 \text{ MHz}$ ;  $\sigma = 1.407 \text{ S/m}$ ;  $\epsilon_r = 39.267$ ;  $\rho = 1000 \text{ kg/m}^3$   
Phantom section: Flat Section

DASY5 Configuration:

- Probe: EX3DV4 - SN3924; ConvF(8.12, 8.12, 8.12) @ 1880 MHz; Calibrated: 03.20.2024
- Sensor-Surface: 1.4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1452; Calibrated: 03.26.2024
- Phantom: SAM 5.0; Type: QD000P40CD; Serial: TP:1765
- Measurement SW: DASY52, Version 52.10 (4); SEMCAD X Version 14.6.14 (7501)

**WCDMA 1900 Body Back/Middle Channel/Area Scan (71x61x1):** Interpolated grid:  $dx=1.500 \text{ mm}$ ,  $dy=1.500 \text{ mm}$

Maximum value of SAR (interpolated) = 0.982 W/kg

**WCDMA 1900 Body Back/Middle Channel/Zoom Scan (5x5x7)/Cube 0:**

Measurement grid:  $dx=8\text{mm}$ ,  $dy=8\text{mm}$ ,  $dz=5\text{mm}$

Reference Value = 10.97 V/m; Power Drift = -0.09 dB

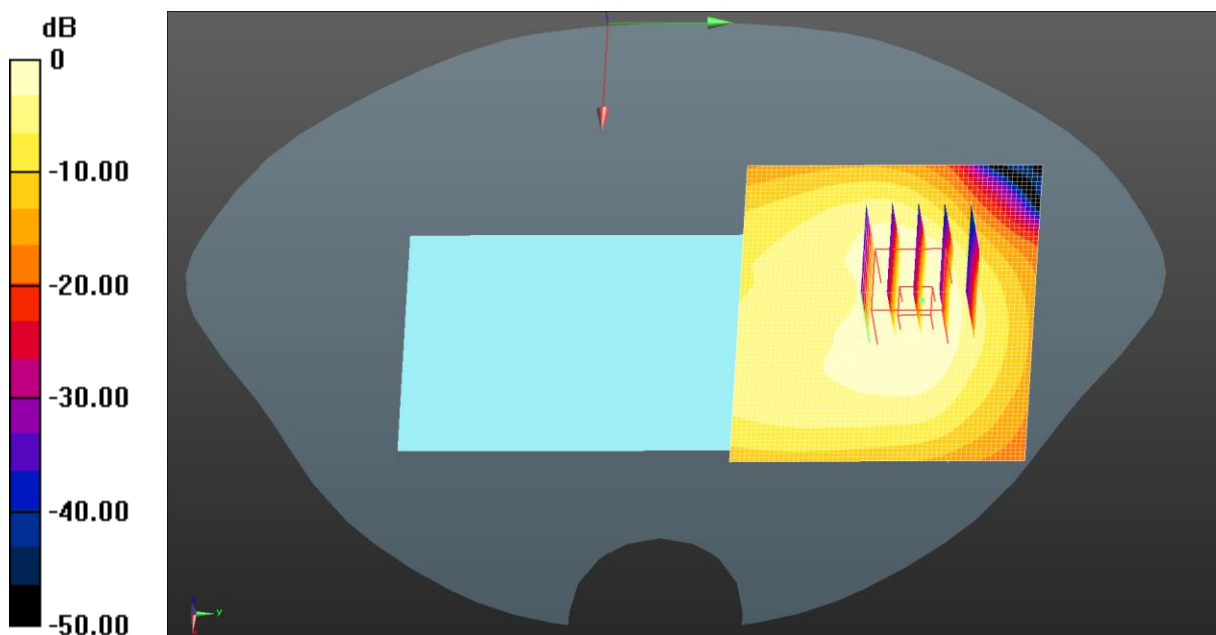
Peak SAR (extrapolated) = 1.12 W/kg

**SAR(1 g) = 0.646 W/kg; SAR(10 g) = 0.379 W/kg**

Smallest distance from peaks to all points 3 dB below = 14.3 mm

Ratio of SAR at M2 to SAR at M1 = 57.5%

Maximum value of SAR (measured) = 0.935 W/kg



0 dB = 0.982 W/kg = -0.08 dBW/kg

Test Laboratory: JYTSZ

Date: 07.25.2024

**DUT: Mobile Phone; Type: X6881; Serial: SZR142400072-3**

Communication System: UID 0, UMTS-FDD(WCDMA) (0); Frequency: 1712.4 MHz; Duty Cycle: 1:1

Medium parameters used (interpolated):  $f = 1712.4$  MHz;  $\sigma = 1.326$  S/m;  $\epsilon_r = 39.064$ ;  $\rho = 1000$  kg/m<sup>3</sup>

Phantom section: Flat Section

DASY5 Configuration:

- Probe: EX3DV4 - SN3924; ConvF(8.52, 8.52, 8.52) @ 1712.4 MHz; Calibrated: 03.20.2024
- Sensor-Surface: 1.4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1452; Calibrated: 03.26.2024
- Phantom: SAM 5.0; Type: QD000P40CD; Serial: TP:1765
- Measurement SW: DASY52, Version 52.10 (4); SEMCAD X Version 14.6.14 (7501)

**WCDMA 1700 Body Back/Low Channel/Area Scan (71x61x1):** Interpolated grid:

$dx=1.500$  mm,  $dy=1.500$  mm

Maximum value of SAR (interpolated) = 0.319 W/kg

**WCDMA 1700 Body Back/Low Channel/Zoom Scan (5x5x7)/Cube 0:**

Measurement grid:  $dx=8$ mm,  $dy=8$ mm,  $dz=5$ mm

Reference Value = 4.358 V/m; Power Drift = -0.09 dB

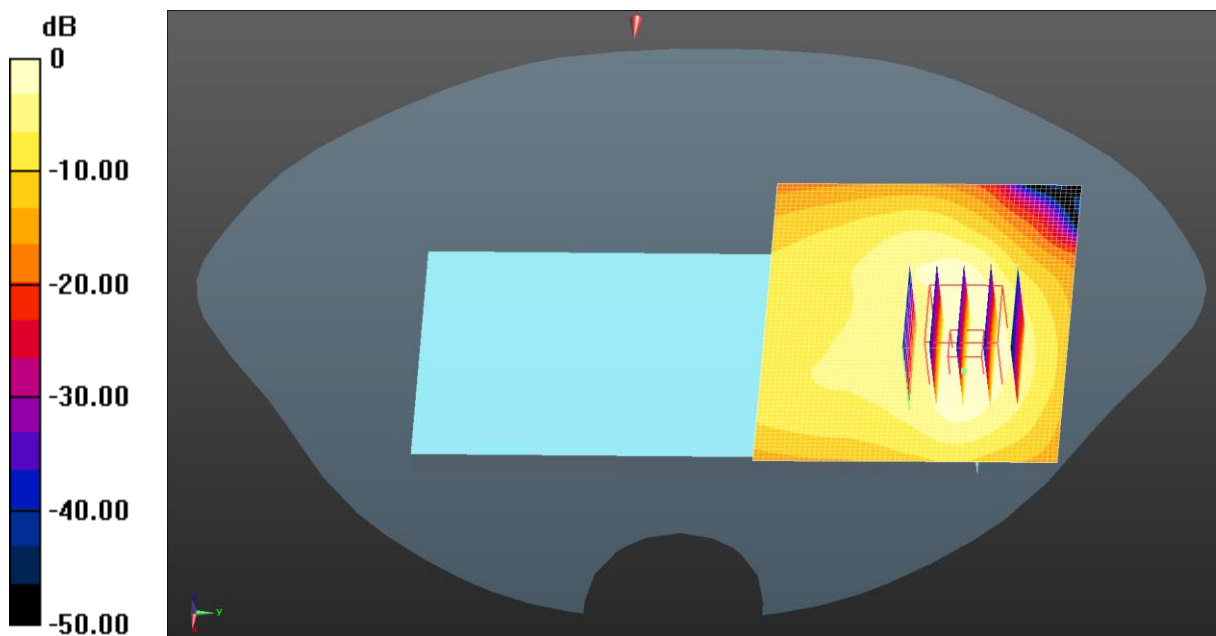
Peak SAR (extrapolated) = 0.379 W/kg

**SAR(1 g) = 0.213 W/kg; SAR(10 g) = 0.121 W/kg**

Smallest distance from peaks to all points 3 dB below = 12.2 mm

Ratio of SAR at M2 to SAR at M1 = 56.5%

Maximum value of SAR (measured) = 0.320 W/kg



0 dB = 0.319 W/kg = -4.97 dBW/kg

Test Laboratory: JYTSZ

Date: 07.22.2024

**DUT: Mobile Phone; Type: X6881; Serial: SZR142400072-3**

Communication System: UID 0, UMTS-FDD(WCDMA) (0); Frequency: 836.6 MHz; Duty Cycle: 1:1

Medium parameters used (interpolated):  $f = 836.6$  MHz;  $\sigma = 0.907$  S/m;  $\epsilon_r = 40.295$ ;  $\rho = 1000$  kg/m<sup>3</sup>

Phantom section: Flat Section

DASY5 Configuration:

- Probe: EX3DV4 - SN3924; ConvF(9.85, 9.85, 9.85) @ 836.6 MHz; Calibrated: 03.20.2024
- Sensor-Surface: 1.4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1452; Calibrated: 03.26.2024
- Phantom: SAM 5.0; Type: QD000P40CD; Serial: TP:1765
- Measurement SW: DASY52, Version 52.10 (4); SEMCAD X Version 14.6.14 (7501)

**WCDMA 850 Body Back/Low Channel/Area Scan (71x61x1):** Interpolated grid:

$dx=1.500$  mm,  $dy=1.500$  mm

Maximum value of SAR (interpolated) = 0.260 W/kg

**WCDMA 850 Body Back/Low Channel/Zoom Scan (5x5x7)/Cube 0:**

Measurement grid:  $dx=8$ mm,  $dy=8$ mm,  $dz=5$ mm

Reference Value = 8.389 V/m; Power Drift = -0.11 dB

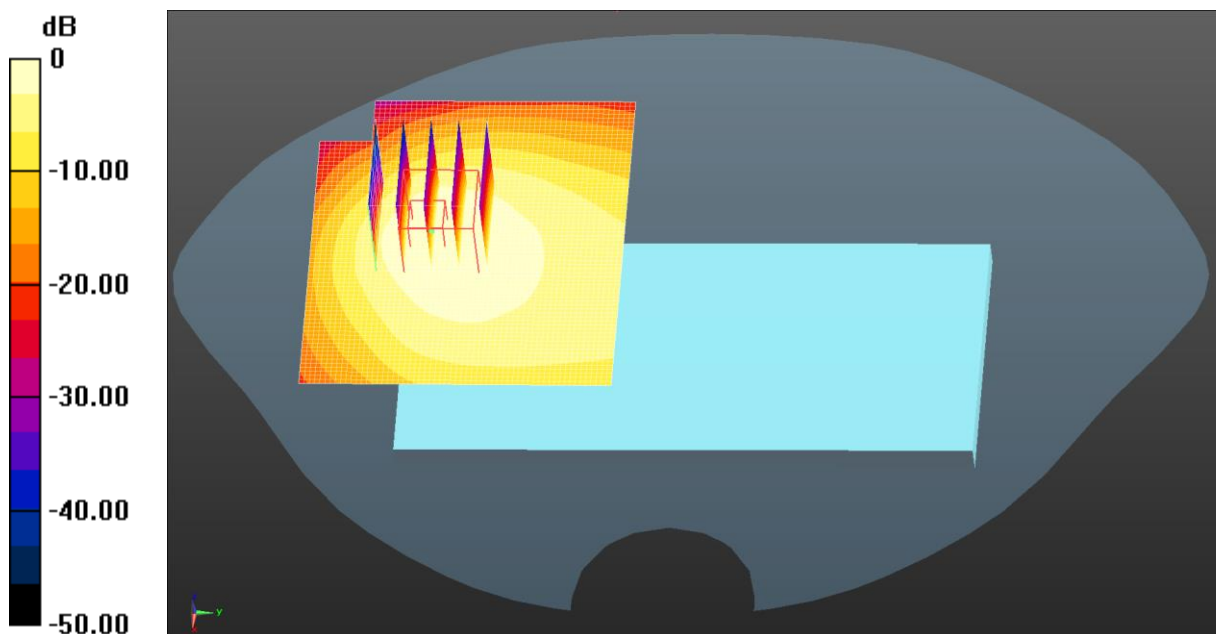
Peak SAR (extrapolated) = 0.275 W/kg

**SAR(1 g) = 0.148 W/kg; SAR(10 g) = 0.094 W/kg**

Smallest distance from peaks to all points 3 dB below = 11.5 mm

Ratio of SAR at M2 to SAR at M1 = 56.9%

Maximum value of SAR (measured) = 0.212 W/kg



$$0 \text{ dB} = 0.260 \text{ W/kg} = -5.86 \text{ dBW/kg}$$

Test Laboratory: JYTSZ

Date: 07.31.2024

**DUT: Mobile Phone; Type: X6881; Serial: SZR142400072-3**

Communication System: UID 0, LTE-Fdd(USA) 1RB QPSK (0); Frequency: 2510 MHz; Duty Cycle: 1:1

Medium parameters used:  $f = 2510 \text{ MHz}$ ;  $\sigma = 1.839 \text{ S/m}$ ;  $\epsilon_r = 38.682$ ;  $\rho = 1000 \text{ kg/m}^3$   
Phantom section: Flat Section

DASY5 Configuration:

- Probe: EX3DV4 - SN3924; ConvF(7.59, 7.59, 7.59) @ 2510 MHz; Calibrated: 03.20.2024
- Sensor-Surface: 1.4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1452; Calibrated: 03.26.2024
- Phantom: SAM 5.0; Type: QD000P40CD; Serial: TP:1765
- Measurement SW: DASY52, Version 52.10 (4); SEMCAD X Version 14.6.14 (7501)

### LTE Band 7 1RB(20MHz) Body Back/Middle Channel/Area Scan (81x71x1):

Interpolated grid:  $dx=1.200 \text{ mm}$ ,  $dy=1.200 \text{ mm}$

Maximum value of SAR (interpolated) = 0.415 W/kg

### LTE Band 7 1RB(20MHz) Body Back/Middle Channel/Zoom Scan

(7x7x7)/Cube 0: Measurement grid:  $dx=5\text{mm}$ ,  $dy=5\text{mm}$ ,  $dz=5\text{mm}$

Reference Value = 2.179 V/m; Power Drift = -0.04 dB

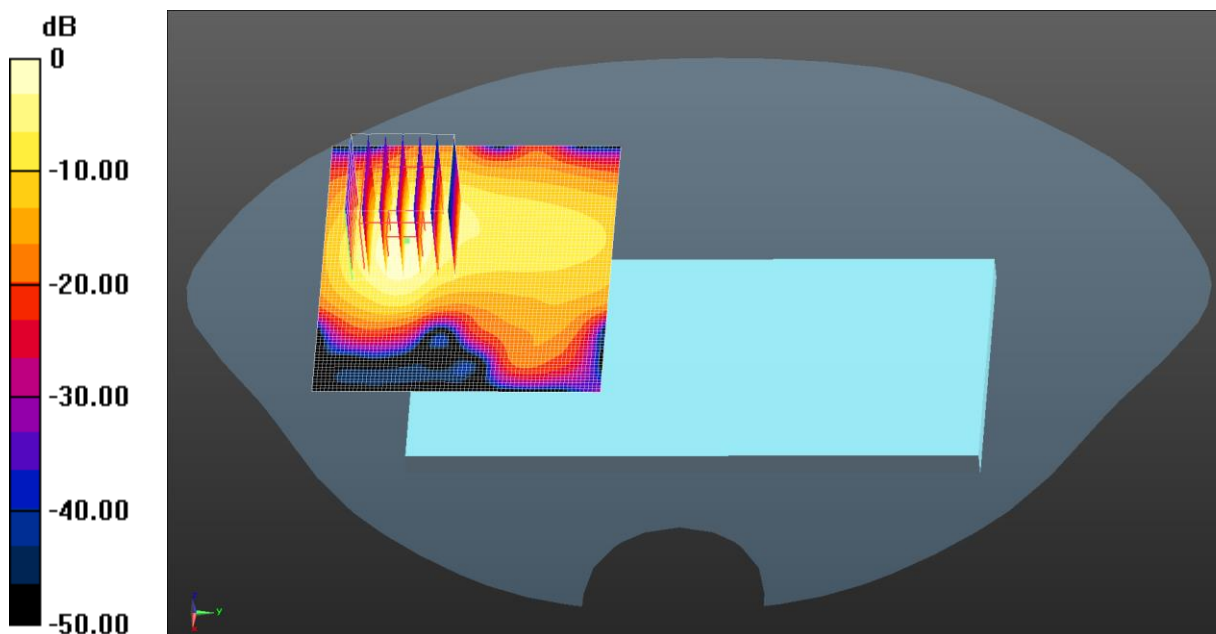
Peak SAR (extrapolated) = 0.515 W/kg

**SAR(1 g) = 0.241 W/kg; SAR(10 g) = 0.105 W/kg**

Smallest distance from peaks to all points 3 dB below = 8 mm

Ratio of SAR at M2 to SAR at M1 = 48.1%

Maximum value of SAR (measured) = 0.413 W/kg



$$0 \text{ dB} = 0.415 \text{ W/kg} = -3.82 \text{ dBW/kg}$$

Test Laboratory: JYTSZ

Date: 07.19.2024

**DUT: Mobile Phone; Type: X6881; Serial: SZR142400072-3**

Communication System: UID 0, LTE-Fdd(USA) 1RB QPSK (0); Frequency: 707.5 MHz; Duty Cycle: 1:1

Medium parameters used (interpolated):  $f = 707.5 \text{ MHz}$ ;  $\sigma = 0.867 \text{ S/m}$ ;  $\epsilon_r = 41.015$ ;  $\rho = 1000 \text{ kg/m}^3$

Phantom section: Flat Section

DASY5 Configuration:

- Probe: EX3DV4 - SN3924; ConvF(10.23, 10.23, 10.23) @ 707.5 MHz; Calibrated: 03.20.2024
- Sensor-Surface: 1.4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1452; Calibrated: 03.26.2024
- Phantom: SAM 5.0; Type: QD000P40CD; Serial: TP:1765
- Measurement SW: DASY52, Version 52.10 (4); SEMCAD X Version 14.6.14 (7501)

**LTE Band 12 1RB(10MHz) Body Back/Middle Channel/Area Scan (71x61x1):**

Interpolated grid:  $dx=1.500 \text{ mm}$ ,  $dy=1.500 \text{ mm}$

Maximum value of SAR (interpolated) = 0.288 W/kg

**LTE Band 12 1RB(10MHz) Body Back/Middle Channel/Zoom Scan**

**(5x5x7)/Cube 0:** Measurement grid:  $dx=8\text{mm}$ ,  $dy=8\text{mm}$ ,  $dz=5\text{mm}$

Reference Value = 10.99 V/m; Power Drift = -0.08 dB

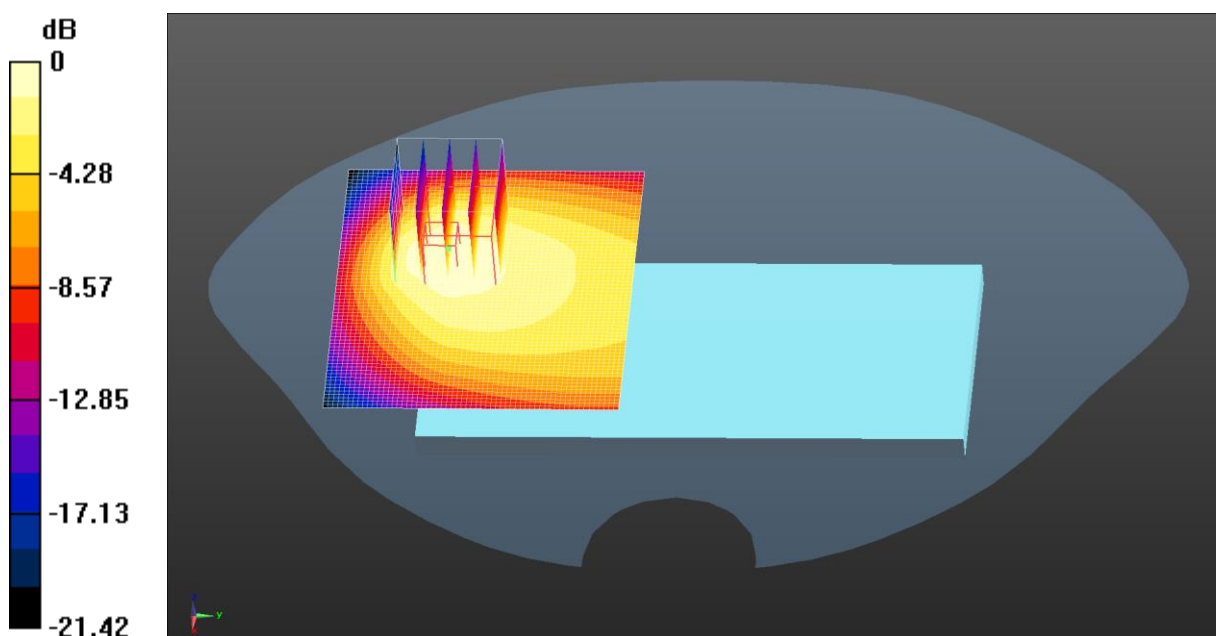
Peak SAR (extrapolated) = 0.362 W/kg

**SAR(1 g) = 0.185 W/kg; SAR(10 g) = 0.120 W/kg**

Smallest distance from peaks to all points 3 dB below = 12.5 mm

Ratio of SAR at M2 to SAR at M1 = 48.9%

Maximum value of SAR (measured) = 0.276 W/kg



0 dB = 0.288 W/kg = -5.41 dBW/kg

Test Laboratory: JYTSZ

Date: 07.19.2024

**DUT: Mobile Phone; Type: X6881; Serial: SZR142400072-3**

Communication System: UID 0, LTE-Fdd(USA) 1RB QPSK (0); Frequency: 782 MHz; Duty Cycle: 1:1

Medium parameters used (interpolated):  $f = 782 \text{ MHz}$ ;  $\sigma = 0.89 \text{ S/m}$ ;  $\epsilon_r = 40.443$ ;  $\rho = 1000 \text{ kg/m}^3$

Phantom section: Flat Section

DASY5 Configuration:

- Probe: EX3DV4 - SN3924; ConvF(10.23, 10.23, 10.23) @ 782 MHz; Calibrated: 03.20.2024
- Sensor-Surface: 1.4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1452; Calibrated: 03.26.2024
- Phantom: SAM 5.0; Type: QD000P40CD; Serial: TP:1765
- Measurement SW: DASY52, Version 52.10 (4); SEMCAD X Version 14.6.14 (7501)

**LTE Band 13 1RB(10MHz) Body Back/Middle Channel/Area Scan (71x61x1):**

Interpolated grid:  $dx=1.500 \text{ mm}$ ,  $dy=1.500 \text{ mm}$

Maximum value of SAR (interpolated) =  $0.308 \text{ W/kg}$

**LTE Band 13 1RB(10MHz) Body Back/Middle Channel/Zoom Scan**

**(5x5x7)/Cube 0:** Measurement grid:  $dx=8\text{mm}$ ,  $dy=8\text{mm}$ ,  $dz=5\text{mm}$

Reference Value =  $11.43 \text{ V/m}$ ; Power Drift =  $-0.01 \text{ dB}$

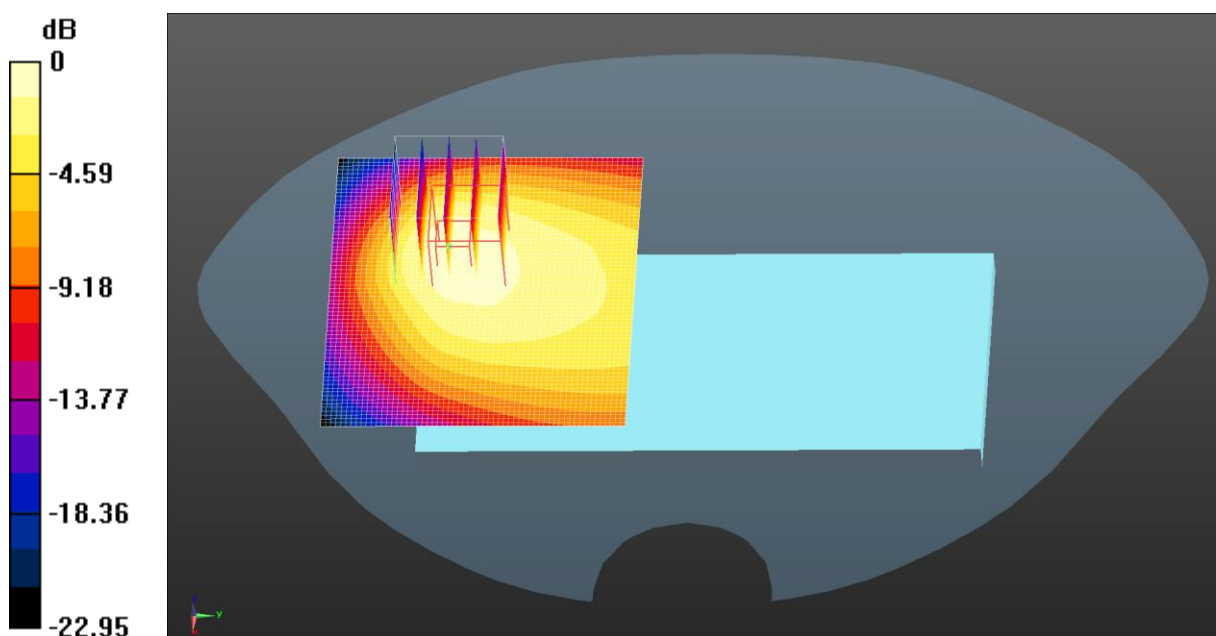
Peak SAR (extrapolated) =  $0.342 \text{ W/kg}$

**SAR(1 g) =  $0.183 \text{ W/kg}$ ; SAR(10 g) =  $0.119 \text{ W/kg}$**

Smallest distance from peaks to all points 3 dB below =  $11.3 \text{ mm}$

Ratio of SAR at M2 to SAR at M1 =  $56.2\%$

Maximum value of SAR (measured) =  $0.262 \text{ W/kg}$



$0 \text{ dB} = 0.308 \text{ W/kg} = -5.11 \text{ dBW/kg}$



Test Laboratory: JYTSZ

Date: 07.28.2024

**DUT: Mobile Phone; Type: X6881; Serial: SZR142400072-3**

Communication System: UID 0, LTE-Fdd(USA) 1RB QPSK (0); Frequency: 1905 MHz; Duty Cycle: 1:1

Medium parameters used (interpolated):  $f = 1905 \text{ MHz}$ ;  $\sigma = 1.422 \text{ S/m}$ ;  $\epsilon_r = 39.236$ ;  $\rho = 1000 \text{ kg/m}^3$

Phantom section: Flat Section

DASY5 Configuration:

- Probe: EX3DV4 - SN3924; ConvF(8.12, 8.12, 8.12) @ 1905 MHz; Calibrated: 03.20.2024
- Sensor-Surface: 1.4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1452; Calibrated: 03.26.2024
- Phantom: SAM 5.0; Type: QD000P40CD; Serial: TP:1765
- Measurement SW: DASY52, Version 52.10 (4); SEMCAD X Version 14.6.14 (7501)

**LTE Band 25 1RB(20MHz) Body Back/High Channel/Area Scan (71x61x1):**

Interpolated grid:  $dx=1.500 \text{ mm}$ ,  $dy=1.500 \text{ mm}$

Maximum value of SAR (interpolated) = 1.05 W/kg

**LTE Band 25 1RB(20MHz) Body Back/High Channel/Zoom Scan**

**(5x5x7)/Cube 0:** Measurement grid:  $dx=8\text{mm}$ ,  $dy=8\text{mm}$ ,  $dz=5\text{mm}$

Reference Value = 10.84 V/m; Power Drift = -0.04 dB

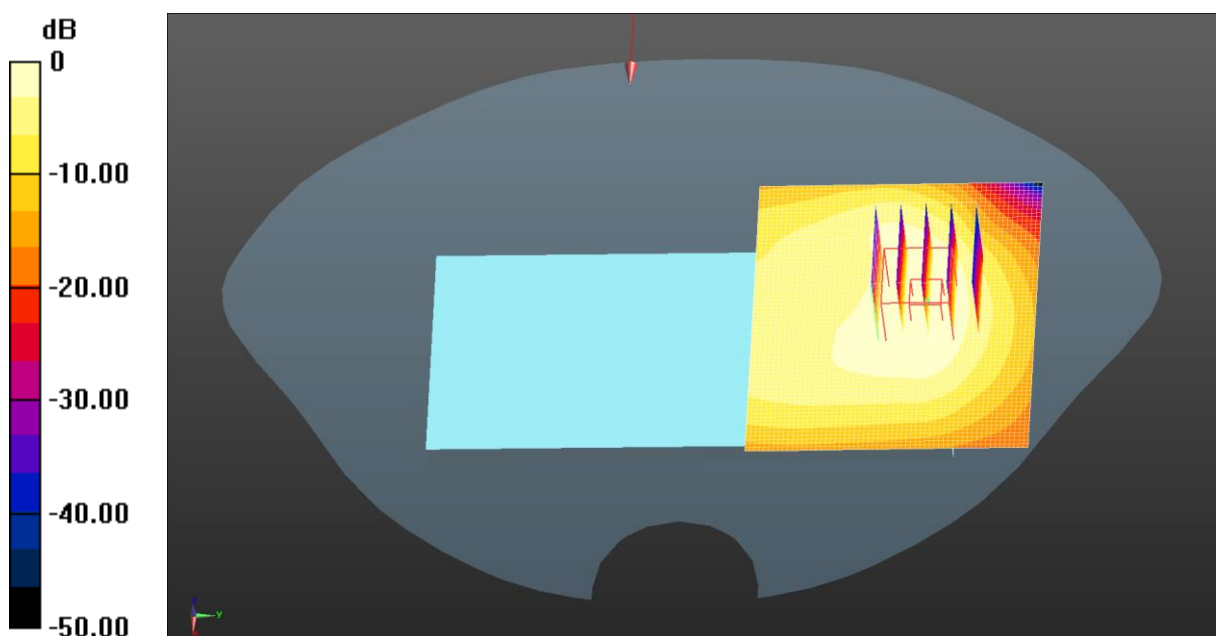
Peak SAR (extrapolated) = 1.20 W/kg

**SAR(1 g) = 0.688 W/kg; SAR(10 g) = 0.410 W/kg**

Smallest distance from peaks to all points 3 dB below = 14.4 mm

Ratio of SAR at M2 to SAR at M1 = 57.3%

Maximum value of SAR (measured) = 1.00 W/kg



0 dB = 1.05 W/kg = 0.21 dBW/kg

Test Laboratory: JYTSZ

Date: 07.22.2024

**DUT: Mobile Phone; Type: X6881; Serial: SZR142400072-3**

Communication System: UID 0, LTE-Fdd(USA) 1RB QPSK (0); Frequency: 831.5 MHz; Duty Cycle: 1:1

Medium parameters used (interpolated):  $f = 831.5$  MHz;  $\sigma = 0.905$  S/m;  $\epsilon_r = 40.308$ ;  $\rho = 1000$  kg/m<sup>3</sup>

Phantom section: Flat Section

DASY5 Configuration:

- Probe: EX3DV4 - SN3924; ConvF(9.85, 9.85, 9.85) @ 831.5 MHz; Calibrated: 03.20.2024
- Sensor-Surface: 1.4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1452; Calibrated: 03.26.2024
- Phantom: SAM 5.0; Type: QD000P40CD; Serial: TP:1765
- Measurement SW: DASY52, Version 52.10 (4); SEMCAD X Version 14.6.14 (7501)

**LTE Band 26 1RB(15MHz) Body Back/Middle Channel/Area Scan (71x61x1):**

Interpolated grid: dx=1.500 mm, dy=1.500 mm

Maximum value of SAR (interpolated) = 0.352 W/kg

**LTE Band 26 1RB(15MHz) Body Back/Middle Channel/Zoom Scan**

**(5x5x7)/Cube 0:** Measurement grid: dx=8mm, dy=8mm, dz=5mm

Reference Value = 12.02 V/m; Power Drift = -0.07 dB

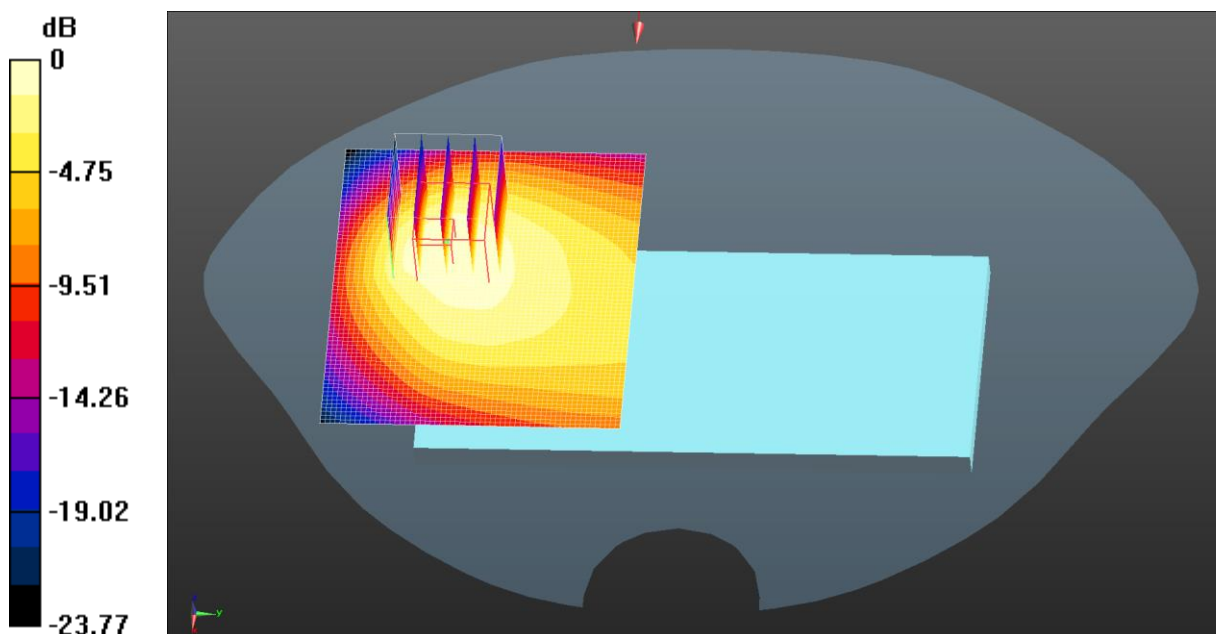
Peak SAR (extrapolated) = 0.420 W/kg

**SAR(1 g) = 0.228 W/kg; SAR(10 g) = 0.147 W/kg**

Smallest distance from peaks to all points 3 dB below = 11.5 mm

Ratio of SAR at M2 to SAR at M1 = 53.3%

Maximum value of SAR (measured) = 0.324 W/kg



$$0 \text{ dB} = 0.352 \text{ W/kg} = -4.53 \text{ dBW/kg}$$

Test Laboratory: JYTSZ

Date: 07.31.2024

**DUT: Mobile Phone; Type: X6881; Serial: SZR142400072-3**

Communication System: UID 0, LTE-TDD(USA) 20MHz 1RB QPSK (0); Frequency: 2593 MHz; Duty Cycle: 1:1.59956

Medium parameters used (interpolated):  $f = 2593$  MHz;  $\sigma = 1.907$  S/m;  $\epsilon_r = 38.553$ ;  $\rho = 1000$  kg/m<sup>3</sup>

Phantom section: Flat Section

DASY5 Configuration:

- Probe: EX3DV4 - SN3924; ConvF(7.41, 7.41, 7.41) @ 2593 MHz; Calibrated: 03.20.2024
- Sensor-Surface: 1.4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1452; Calibrated: 03.26.2024
- Phantom: SAM 5.0; Type: QD000P40CD; Serial: TP:1765
- Measurement SW: DASY52, Version 52.10 (4); SEMCAD X Version 14.6.14 (7501)

**LTE Band 41 1RB(20MHz) Body Back/Middle Channel/Area Scan (81x71x1):**

Interpolated grid: dx=1.200 mm, dy=1.200 mm

Maximum value of SAR (interpolated) = 0.691 W/kg

**LTE Band 41 1RB(20MHz) Body Back/Middle Channel/Zoom Scan**

**(7x7x7)/Cube 0:** Measurement grid: dx=5mm, dy=5mm, dz=5mm

Reference Value = 1.230 V/m; Power Drift = 0.06 dB

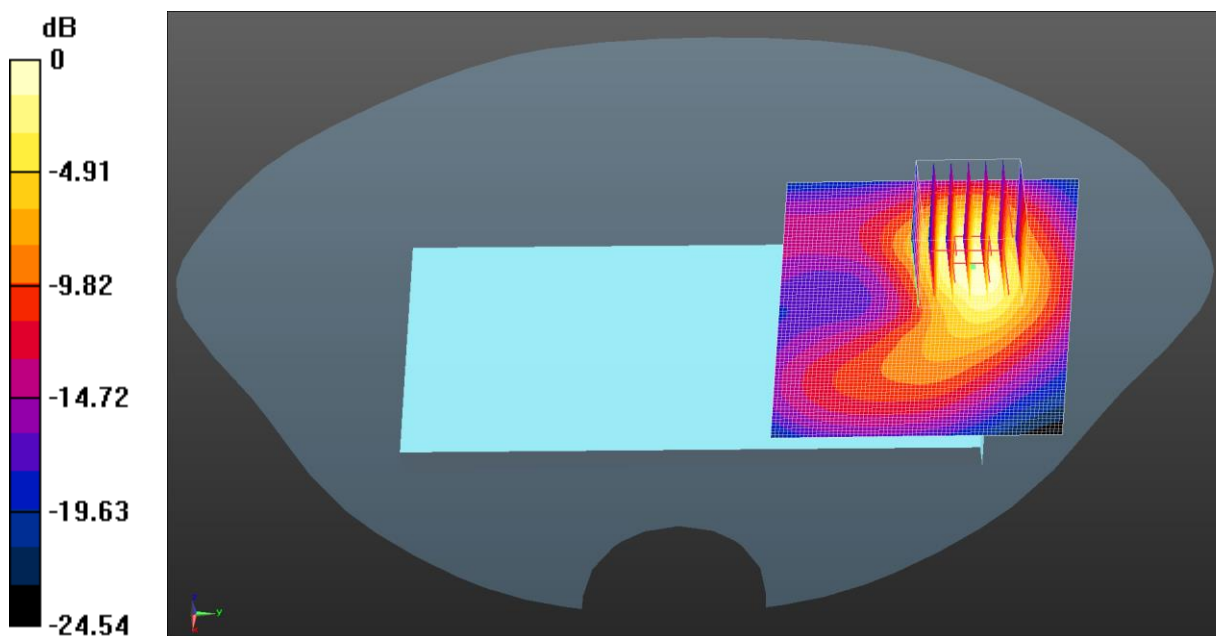
Peak SAR (extrapolated) = 0.887 W/kg

**SAR(1 g) = 0.401 W/kg; SAR(10 g) = 0.179 W/kg**

Smallest distance from peaks to all points 3 dB below = 8.1 mm

Ratio of SAR at M2 to SAR at M1 = 46.9%

Maximum value of SAR (measured) = 0.687 W/kg



0 dB = 0.691 W/kg = -1.60 dBW/kg

Test Laboratory: JYTSZ

Date: 07.25.2024

**DUT: Mobile Phone; Type: X6881; Serial: SZR142400072-3**

Communication System: UID 0, LTE-Fdd(USA) 1RB QPSK (0); Frequency: 1745 MHz; Duty Cycle: 1:1

Medium parameters used (interpolated):  $f = 1745$  MHz;  $\sigma = 1.332$  S/m;  $\epsilon_r = 39.484$ ;  $\rho = 1000$  kg/m<sup>3</sup>

Phantom section: Flat Section

DASY5 Configuration:

- Probe: EX3DV4 - SN3924; ConvF(8.52, 8.52, 8.52) @ 1745 MHz; Calibrated: 03.20.2024
- Sensor-Surface: 1.4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1452; Calibrated: 03.26.2024
- Phantom: SAM 5.0; Type: QD000P40CD; Serial: TP:1765
- Measurement SW: DASY52, Version 52.10 (4); SEMCAD X Version 14.6.14 (7501)

**LTE Band 66 1RB(20MHz) Body Back/Middle Channel/Area Scan (71x61x1):**

Interpolated grid: dx=1.500 mm, dy=1.500 mm

Maximum value of SAR (interpolated) = 0.307 W/kg

**LTE Band 66 1RB(20MHz) Body Back/Middle Channel/Zoom Scan**

**(5x5x7)/Cube 0:** Measurement grid: dx=8mm, dy=8mm, dz=5mm

Reference Value = 4.289 V/m; Power Drift = -0.06 dB

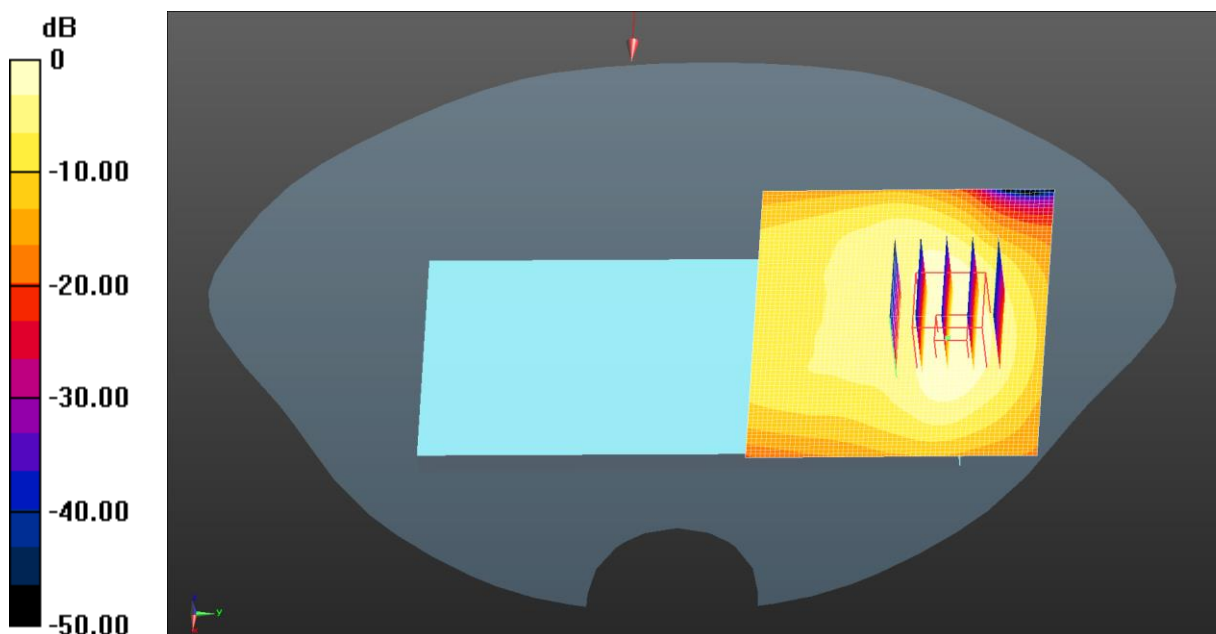
Peak SAR (extrapolated) = 0.375 W/kg

**SAR(1 g) = 0.207 W/kg; SAR(10 g) = 0.116 W/kg**

Smallest distance from peaks to all points 3 dB below = 11.2 mm

Ratio of SAR at M2 to SAR at M1 = 54.8%

Maximum value of SAR (measured) = 0.311 W/kg



0 dB = 0.307 W/kg = -5.13 dBW/kg

Test Laboratory: JYTSZ

Date: 07.31.2024

**DUT: Mobile Phone; Type: X6881; Serial: SZR142400072-3**

Communication System: UID 0, IEEE 802.11b WiFi 2.4 GHz (DSSS, 1 Mbps) (0); Frequency: 2437 MHz; Duty Cycle: 1:1

Medium parameters used (interpolated):  $f = 2437$  MHz;  $\sigma = 1.783$  S/m;  $\epsilon_r = 38.373$ ;  $\rho = 1000$  kg/m<sup>3</sup>

Phantom section: Flat Section

DASY5 Configuration:

- Probe: EX3DV4 - SN3924; ConvF(7.59, 7.59, 7.59) @ 2437 MHz; Calibrated: 03.20.2024
- Sensor-Surface: 1.4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1452; Calibrated: 03.26.2024
- Phantom: SAM 5.0; Type: QD000P40CD; Serial: TP:1765
- Measurement SW: DASY52, Version 52.10 (4); SEMCAD X Version 14.6.14 (7501)

**2.4G WiFi Body Back/Middle Channel/Area Scan (71x71x1):** Interpolated grid:

$dx=1.200$  mm,  $dy=1.200$  mm

Maximum value of SAR (interpolated) = 0.0747 W/kg

**2.4G WiFi Body Back/Middle Channel/Zoom Scan (7x7x7)/Cube 0:** Measurement

grid:  $dx=5$ mm,  $dy=5$ mm,  $dz=5$ mm

Reference Value = 2.299 V/m; Power Drift = -0.05 dB

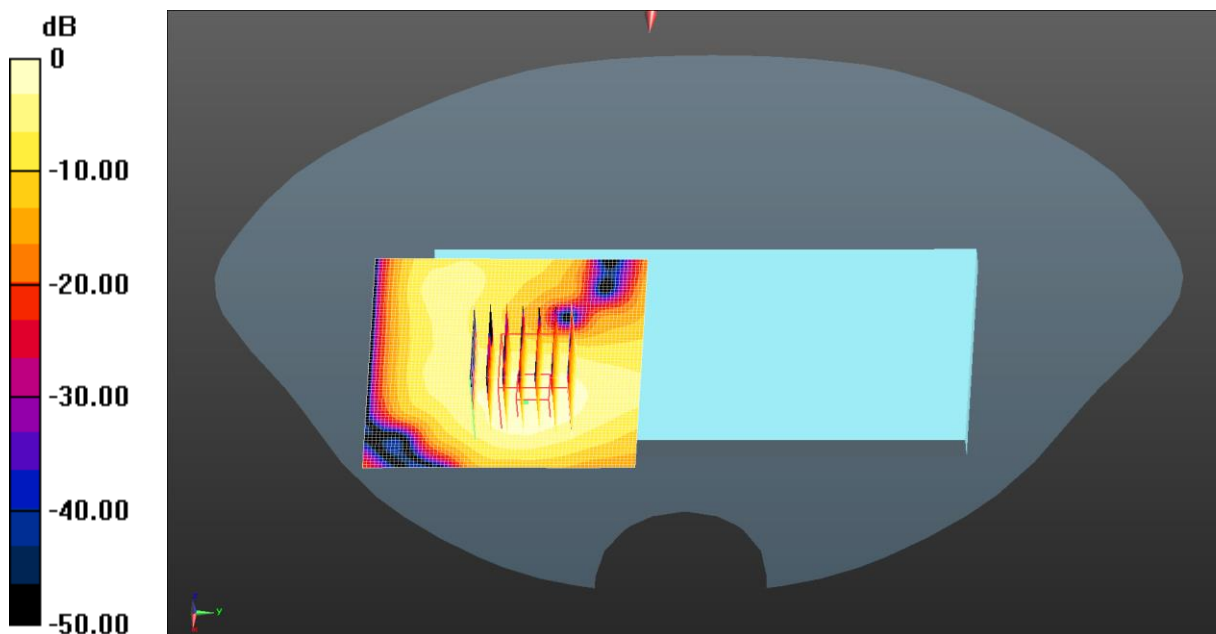
Peak SAR (extrapolated) = 0.0960 W/kg

**SAR(1 g) = 0.042 W/kg; SAR(10 g) = 0.019 W/kg**

Smallest distance from peaks to all points 3 dB below: Larger than measurement grid (> 15 mm)

Ratio of SAR at M2 to SAR at M1 = 42.9%

Maximum value of SAR (measured) = 0.0720 W/kg



$$0 \text{ dB} = 0.0747 \text{ W/kg} = -11.26 \text{ dBW/kg}$$

Test Laboratory: JYTSZ

Date: 08.04.2024

**DUT: Mobile Phone; Type: X6881; Serial: SZR142400072-3**

Communication System: UID 0, IEEE 802.11a WiFi 5GHz (0); Frequency: 5200 MHz; Duty Cycle: 1:1

Medium parameters used:  $f = 5200 \text{ MHz}$ ;  $\sigma = 4.483 \text{ S/m}$ ;  $\epsilon_r = 35.757$ ;  $\rho = 1000 \text{ kg/m}^3$   
Phantom section: Flat Section

DASY5 Configuration:

- Probe: EX3DV4 - SN3924; ConvF(5.4, 5.4, 5.4) @ 5200 MHz; Calibrated: 03.20.2024
- Sensor-Surface: 1.4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1452; Calibrated: 03.26.2024
- Phantom: SAM 5.0; Type: QD000P40CD; Serial: TP:1765
- Measurement SW: DASY52, Version 52.10 (4); SEMCAD X Version 14.6.14 (7501)

**5.2G WiFi Body Back/Middle Channel/Area Scan (91x91x1):** Interpolated grid:  
 $dx=1.000 \text{ mm}$ ,  $dy=1.000 \text{ mm}$

Maximum value of SAR (interpolated) = 0.132 W/kg

**5.2G WiFi Body Back/Middle Channel/Zoom Scan (7x7x12)/Cube 0:**

Measurement grid:  $dx=4\text{mm}$ ,  $dy=4\text{mm}$ ,  $dz=2\text{mm}$

Reference Value = 0.5280 V/m; Power Drift = -0.00 dB

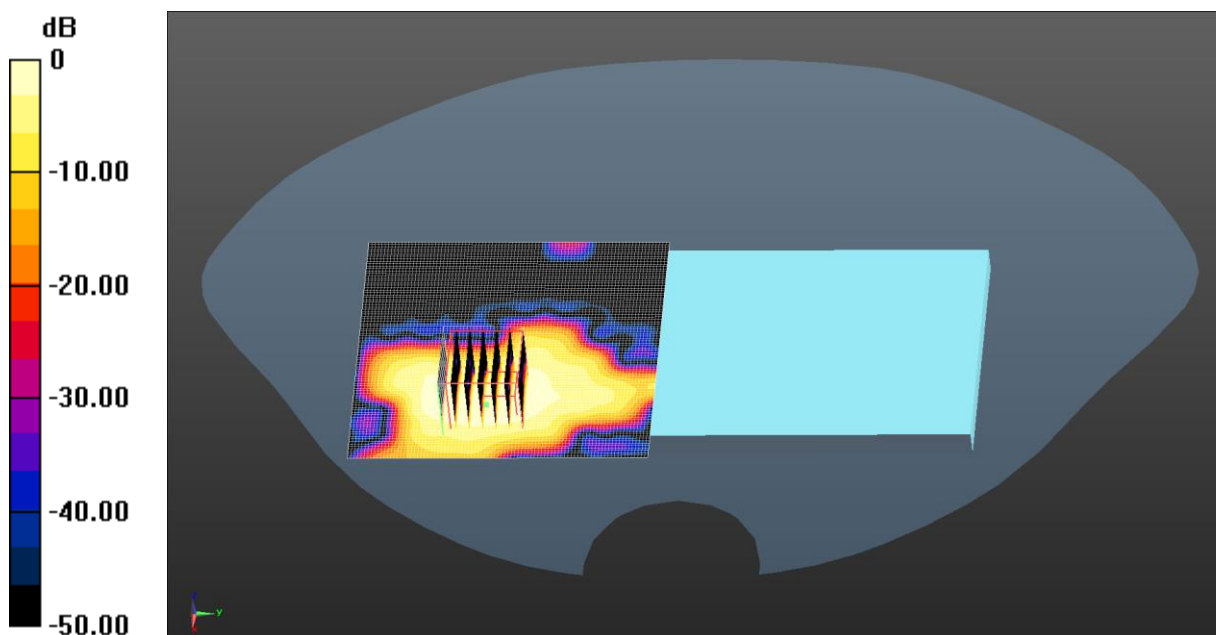
Peak SAR (extrapolated) = 0.219 W/kg

**SAR(1 g) = 0.053 W/kg; SAR(10 g) = 0.017 W/kg**

Smallest distance from peaks to all points 3 dB below = 7.5 mm

Ratio of SAR at M2 to SAR at M1 = 53.3%

Maximum value of SAR (measured) = 0.143 W/kg



0 dB = 0.143 W/kg = -8.45 dBW/kg



Test Laboratory: JYTSZ

Date: 08.07.2024

**DUT: Mobile Phone; Type: X6881; Serial: SZR142400072-3**

Communication System: UID 0, IEEE 802.11a WiFi 5GHz (0); Frequency: 5280 MHz; Duty Cycle: 1:1

Medium parameters used:  $f = 5280 \text{ MHz}$ ;  $\sigma = 4.563 \text{ S/m}$ ;  $\epsilon_r = 35.666$ ;  $\rho = 1000 \text{ kg/m}^3$   
Phantom section: Flat Section

DASY5 Configuration:

- Probe: EX3DV4 - SN3924; ConvF(5.4, 5.4, 5.4) @ 5280 MHz; Calibrated: 03.20.2024
- Sensor-Surface: 1.4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1452; Calibrated: 03.26.2024
- Phantom: SAM 5.0; Type: QD000P40CD; Serial: TP:1765
- Measurement SW: DASY52, Version 52.10 (4); SEMCAD X Version 14.6.14 (7501)

**5.3G WiFi Body Back/Middle Channel/Area Scan (91x91x1):** Interpolated grid:  
 $dx=1.000 \text{ mm}$ ,  $dy=1.000 \text{ mm}$

Maximum value of SAR (interpolated) = 0.181 W/kg

**5.3G WiFi Body Back/Middle Channel/Zoom Scan (7x7x12)/Cube 0:**

Measurement grid:  $dx=4\text{mm}$ ,  $dy=4\text{mm}$ ,  $dz=2\text{mm}$

Reference Value = 0.5180 V/m; Power Drift = -0.04 dB

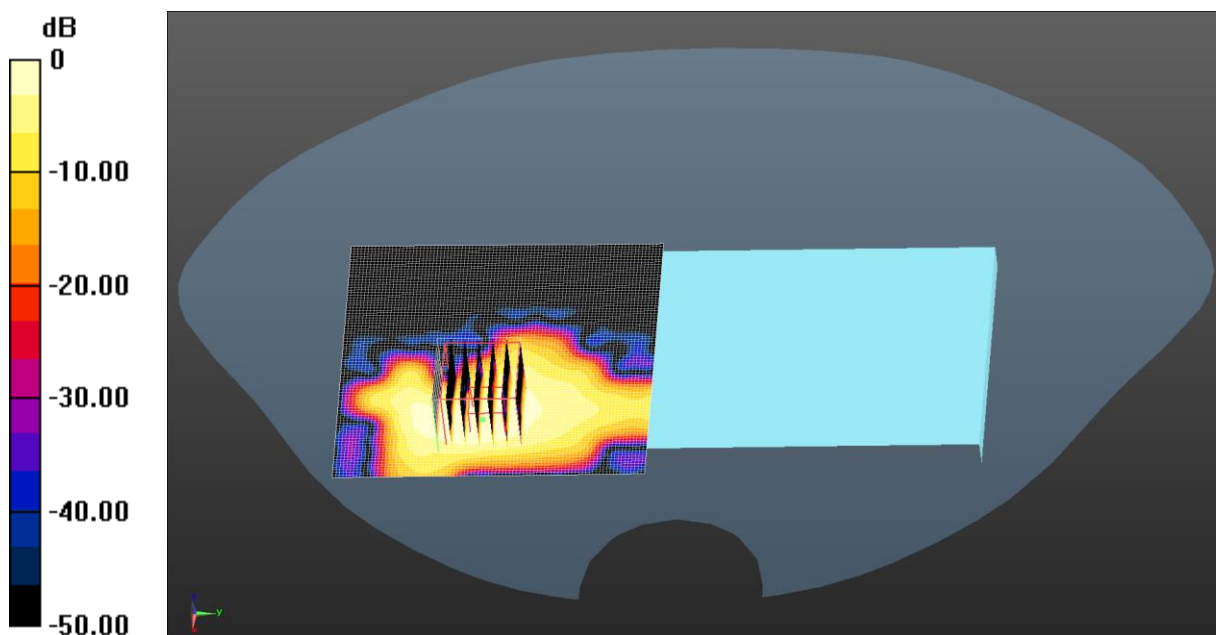
Peak SAR (extrapolated) = 0.301 W/kg

**SAR(1 g) = 0.076 W/kg; SAR(10 g) = 0.024 W/kg**

Smallest distance from peaks to all points 3 dB below = 7.9 mm

Ratio of SAR at M2 to SAR at M1 = 53.4%

Maximum value of SAR (measured) = 0.193 W/kg



0 dB = 0.193 W/kg = -7.14 dBW/kg

Test Laboratory: JYTSZ

Date: 08.10.2024

**DUT: Mobile Phone; Type: X6881; Serial: SZR142400072-3**

Communication System: UID 0, IEEE 802.11a WiFi 5GHz (0); Frequency: 5600 MHz; Duty Cycle: 1:1

Medium parameters used:  $f = 5600 \text{ MHz}$ ;  $\sigma = 4.88 \text{ S/m}$ ;  $\epsilon_r = 35.3$ ;  $\rho = 1000 \text{ kg/m}^3$

Phantom section: Flat Section

DASY5 Configuration:

- Probe: EX3DV4 - SN3924; ConvF(4.78, 4.78, 4.78) @ 5600 MHz; Calibrated: 03.20.2024
- Sensor-Surface: 1.4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1452; Calibrated: 03.26.2024
- Phantom: SAM 5.0; Type: QD000P40CD; Serial: TP:1765
- Measurement SW: DASY52, Version 52.10 (4); SEMCAD X Version 14.6.14 (7501)

**5.6G WiFi Body Back/Middle Channel/Area Scan (81x81x1):** Interpolated grid:

$dx=1.000 \text{ mm}$ ,  $dy=1.000 \text{ mm}$

Maximum value of SAR (interpolated) = 0.245 W/kg

**5.6G WiFi Body Back/Middle Channel/Zoom Scan (7x7x12)/Cube 0:**

Measurement grid:  $dx=4\text{mm}$ ,  $dy=4\text{mm}$ ,  $dz=2\text{mm}$

Reference Value = 0.2970 V/m; Power Drift = -0.00 dB

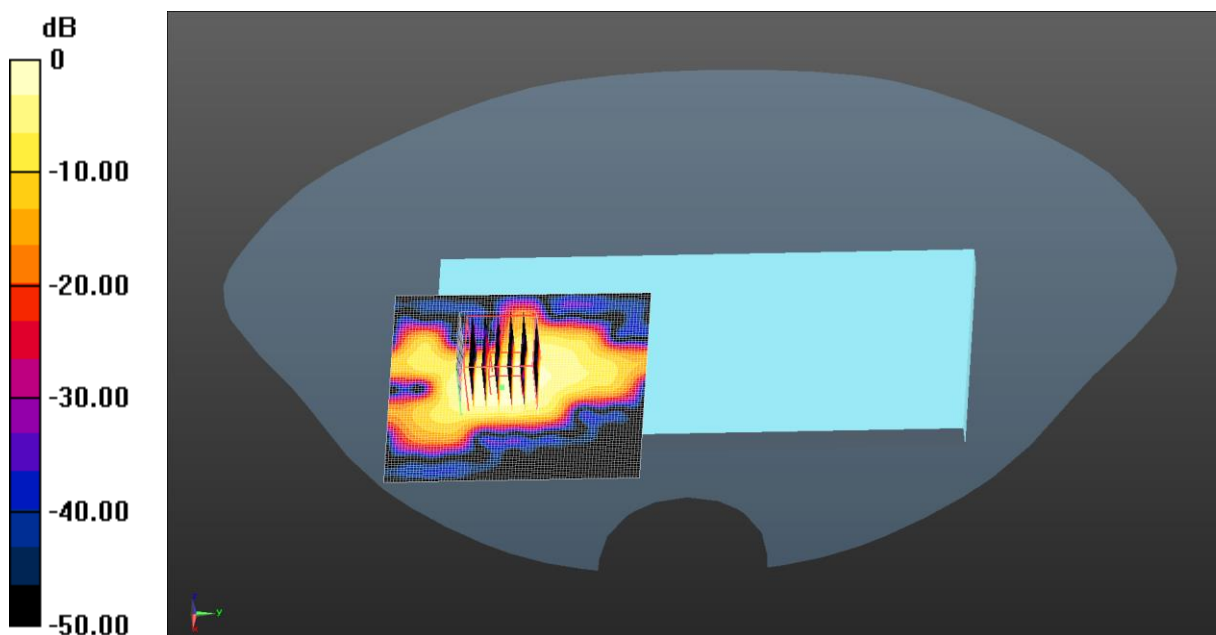
Peak SAR (extrapolated) = 0.625 W/kg

**SAR(1 g) = 0.085 W/kg; SAR(10 g) = 0.026 W/kg**

Smallest distance from peaks to all points 3 dB below = 7.9 mm

Ratio of SAR at M2 to SAR at M1 = 50.5%

Maximum value of SAR (measured) = 0.228 W/kg



0 dB = 0.228 W/kg = -6.42 dBW/kg

Test Laboratory: JYTSZ

Date: 08.13.2024

**DUT: Mobile Phone; Type: X6881; Serial: SZR142400072-3**

Communication System: UID 0, IEEE 802.11a WiFi 5GHz (0); Frequency: 5825 MHz; Duty Cycle: 1:1

Medium parameters used (interpolated):  $f = 5825$  MHz;  $\sigma = 5.103$  S/m;  $\epsilon_r = 35.043$ ;  $\rho = 1000$  kg/m<sup>3</sup>

Phantom section: Flat Section

DASY5 Configuration:

- Probe: EX3DV4 - SN3924; ConvF(4.93, 4.93, 4.93) @ 5825 MHz; Calibrated: 03.20.2024
- Sensor-Surface: 1.4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1452; Calibrated: 03.26.2024
- Phantom: SAM 5.0; Type: QD000P40CD; Serial: TP:1765
- Measurement SW: DASY52, Version 52.10 (4); SEMCAD X Version 14.6.14 (7501)

**5.8G WiFi Body Back/High Channel/Area Scan (91x91x1):** Interpolated grid:

$dx=1.000$  mm,  $dy=1.000$  mm

Maximum value of SAR (interpolated) = 0.302 W/kg

**5.8G WiFi Body Back/High Channel/Zoom Scan (7x7x12)/Cube 0:** Measurement

grid:  $dx=4$ mm,  $dy=4$ mm,  $dz=2$ mm

Reference Value = 0 V/m; Power Drift = 0.00 dB

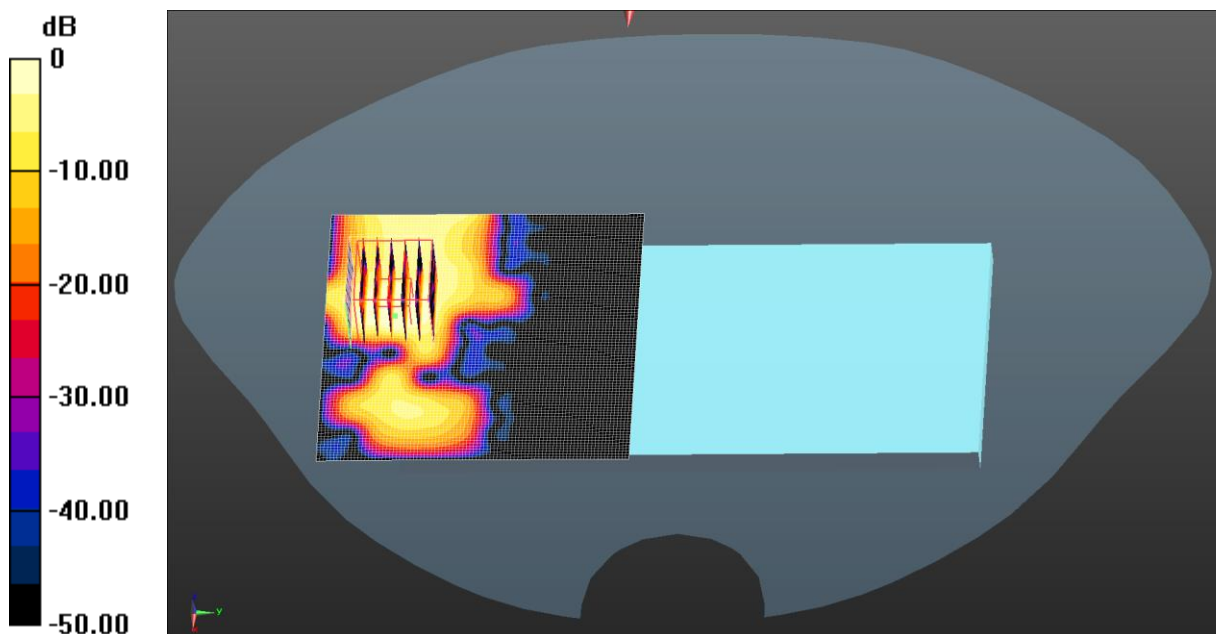
Peak SAR (extrapolated) = 0.363 W/kg

**SAR(1 g) = 0.080 W/kg; SAR(10 g) = 0.024 W/kg**

Smallest distance from peaks to all points 3 dB below = 8.6 mm

Ratio of SAR at M2 to SAR at M1 = 44.8%

Maximum value of SAR (measured) = 0.219 W/kg



0 dB = 0.219 W/kg = -6.60 dBW/kg

Test Laboratory: JYTSZ

Date: 07.31.2024

**DUT: Mobile Phone; Type: X6881; Serial: SZR142400072-3**

Communication System: UID 0, Bluetooth (0); Frequency: 2480 MHz; Duty Cycle: 1:1  
 Medium parameters used:  $f = 2480$  MHz;  $\sigma = 1.815$  S/m;  $\epsilon_r = 38.299$ ;  $\rho = 1000$  kg/m<sup>3</sup>  
 Phantom section: Flat Section

DASY5 Configuration:

- Probe: EX3DV4 - SN3924; ConvF(7.59, 7.59, 7.59) @ 2480 MHz; Calibrated: 03.20.2024
- Sensor-Surface: 1.4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1452; Calibrated: 03.26.2024
- Phantom: SAM 5.0; Type: QD000P40CD; Serial: TP:1765
- Measurement SW: DASY52, Version 52.10 (4); SEMCAD X Version 14.6.14 (7501)

**Bluetooth Body Back/High Channel/Area Scan (71x71x1):** Interpolated grid:  
 $dx=1.200$  mm,  $dy=1.200$  mm

Maximum value of SAR (interpolated) = 0.0555 W/kg

**Bluetooth Body Back/High Channel/Zoom Scan (7x7x7)/Cube 0:** Measurement grid:  $dx=5$ mm,  $dy=5$ mm,  $dz=5$ mm

Reference Value = 1.739 V/m; Power Drift = 0.03 dB

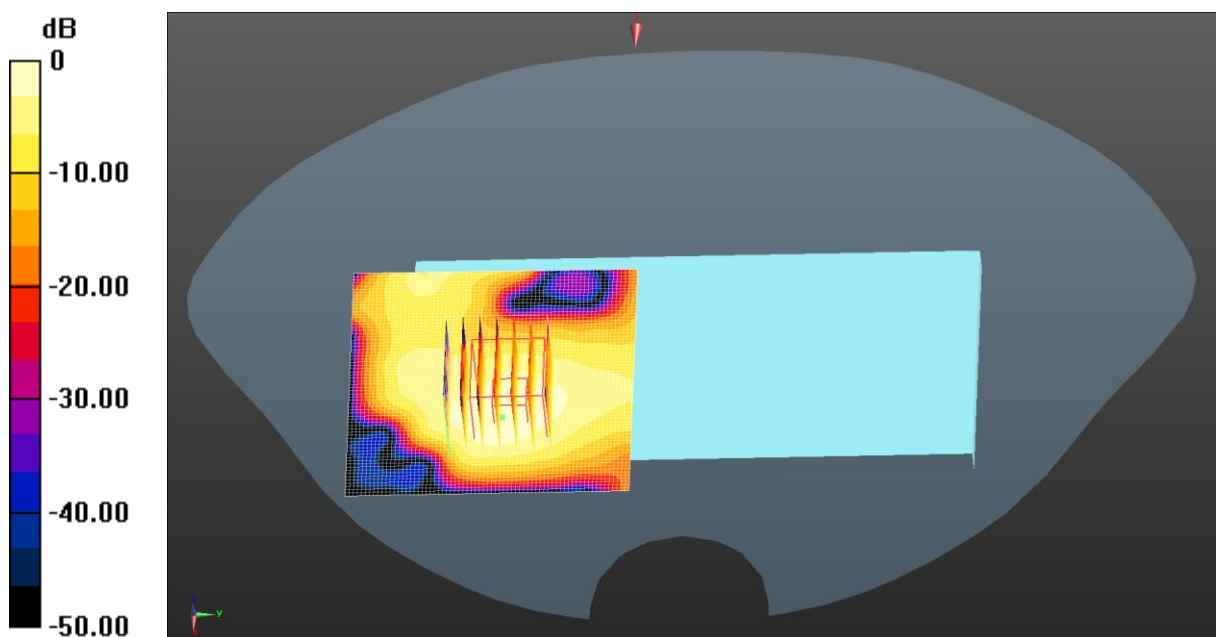
Peak SAR (extrapolated) = 0.0750 W/kg

**SAR(1 g) = 0.033 W/kg; SAR(10 g) = 0.015 W/kg**

Smallest distance from peaks to all points 3 dB below: Larger than measurement grid (> 15 mm)

Ratio of SAR at M2 to SAR at M1 = 43.3%

Maximum value of SAR (measured) = 0.0568 W/kg



$$0 \text{ dB} = 0.0555 \text{ W/kg} = -12.56 \text{ dBW/kg}$$

Test Laboratory: JYTSZ

Date: 07.28.2024

**DUT: Mobile Phone; Type: X6881; Serial: SZR142400072-3**

Communication System: UID 0, UMTS-FDD(WCDMA) (0); Frequency: 1880 MHz; Duty Cycle: 1:1

Medium parameters used:  $f = 1880 \text{ MHz}$ ;  $\sigma = 1.407 \text{ S/m}$ ;  $\epsilon_r = 39.267$ ;  $\rho = 1000 \text{ kg/m}^3$   
Phantom section: Flat Section

DASY5 Configuration:

- Probe: EX3DV4 - SN3924; ConvF(8.12, 8.12, 8.12) @ 1880 MHz; Calibrated: 03.20.2024
- Sensor-Surface: 1.4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1452; Calibrated: 03.26.2024
- Phantom: SAM 5.0; Type: QD000P40CD; Serial: TP:1765
- Measurement SW: DASY52, Version 52.10 (4); SEMCAD X Version 14.6.14 (7501)

**WCDMA 1900 Body Bottom/Middle Channel/Area Scan (61x61x1):** Interpolated grid:  $dx=1.500 \text{ mm}$ ,  $dy=1.500 \text{ mm}$

Maximum value of SAR (interpolated) = 1.12 W/kg

**WCDMA 1900 Body Bottom/Middle Channel/Zoom Scan (5x5x7)/Cube 0:**

Measurement grid:  $dx=8\text{mm}$ ,  $dy=8\text{mm}$ ,  $dz=5\text{mm}$

Reference Value = 28.43 V/m; Power Drift = 0.08 dB

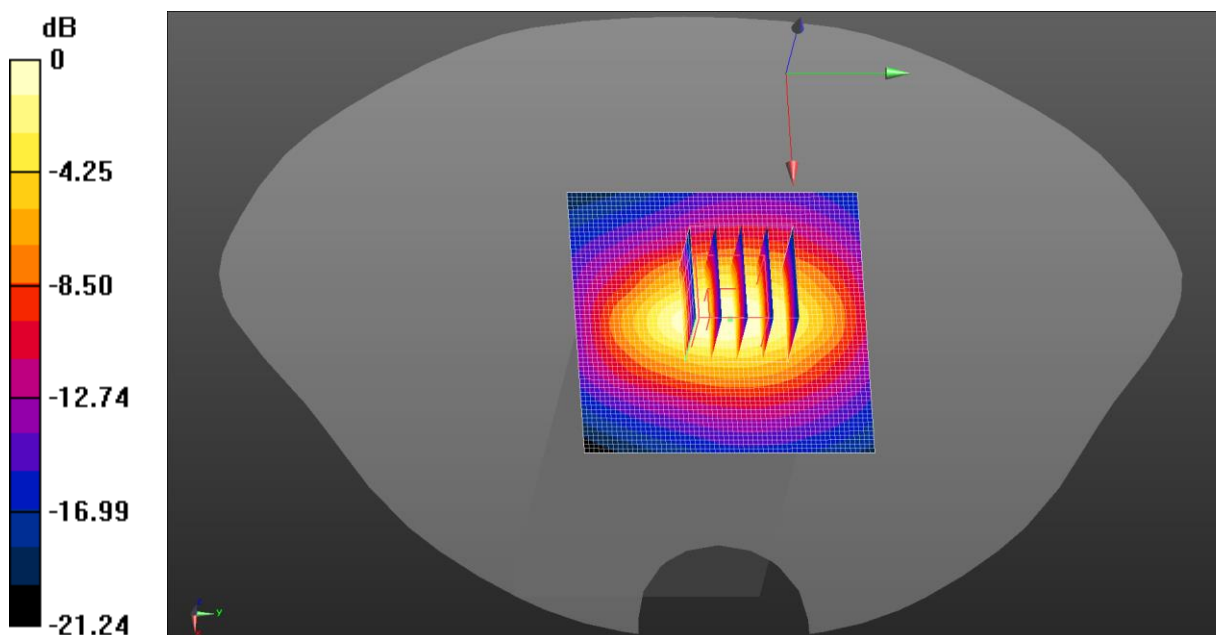
Peak SAR (extrapolated) = 1.34 W/kg

**SAR(1 g) = 0.743 W/kg; SAR(10 g) = 0.405 W/kg**

Smallest distance from peaks to all points 3 dB below = 11.3 mm

Ratio of SAR at M2 to SAR at M1 = 56.2%

Maximum value of SAR (measured) = 1.10 W/kg



0 dB = 1.12 W/kg = 0.48 dBW/kg

Test Laboratory: JYTSZ

Date: 07.25.2024

**DUT: Mobile Phone; Type: X6881; Serial: SZR142400072-3**

Communication System: UID 0, UMTS-FDD(WCDMA) (0); Frequency: 1712.4 MHz; Duty Cycle: 1:1

Medium parameters used (interpolated):  $f = 1712.4$  MHz;  $\sigma = 1.326$  S/m;  $\epsilon_r = 39.064$ ;  $\rho = 1000$  kg/m<sup>3</sup>

Phantom section: Flat Section

DASY5 Configuration:

- Probe: EX3DV4 - SN3924; ConvF(8.52, 8.52, 8.52) @ 1712.4 MHz; Calibrated: 03.20.2024
- Sensor-Surface: 1.4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1452; Calibrated: 03.26.2024
- Phantom: SAM 5.0; Type: QD000P40CD; Serial: TP:1765
- Measurement SW: DASY52, Version 52.10 (4); SEMCAD X Version 14.6.14 (7501)

**WCDMA 1700 Body Bottom/Middle Channel/Area Scan (61x61x1):** Interpolated grid: dx=1.500 mm, dy=1.500 mm

Maximum value of SAR (interpolated) = 0.587 W/kg

**WCDMA 1700 Body Bottom/Middle Channel/Zoom Scan (5x5x7)/Cube 0:**

Measurement grid: dx=8mm, dy=8mm, dz=5mm

Reference Value = 19.24 V/m; Power Drift = 0.05 dB

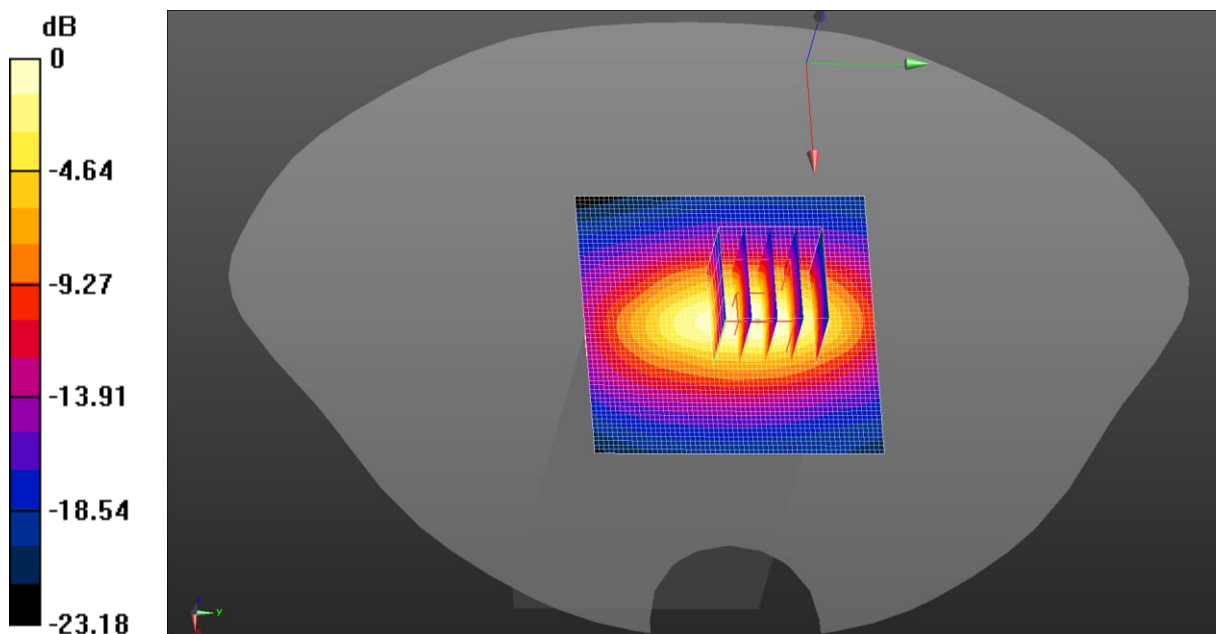
Peak SAR (extrapolated) = 0.668 W/kg

**SAR(1 g) = 0.364 W/kg; SAR(10 g) = 0.193 W/kg**

Smallest distance from peaks to all points 3 dB below = 9.6 mm

Ratio of SAR at M2 to SAR at M1 = 54.7%

Maximum value of SAR (measured) = 0.553 W/kg



$$0 \text{ dB} = 0.587 \text{ W/kg} = -2.31 \text{ dBW/kg}$$



Test Laboratory: JYTSZ

Date: 07.28.2024

**DUT: Mobile Phone; Type: X6881; Serial: SZR142400072-3**

Communication System: UID 0, LTE-Fdd(USA) 1RB QPSK (0); Frequency: 1905 MHz; Duty Cycle: 1:1

Medium parameters used (interpolated):  $f = 1905$  MHz;  $\sigma = 1.422$  S/m;  $\epsilon_r = 39.236$ ;  $\rho = 1000$  kg/m<sup>3</sup>

Phantom section: Flat Section

DASY5 Configuration:

- Probe: EX3DV4 - SN3924; ConvF(8.12, 8.12, 8.12) @ 1905 MHz; Calibrated: 03.20.2024
- Sensor-Surface: 1.4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1452; Calibrated: 03.26.2024
- Phantom: SAM 5.0; Type: QD000P40CD; Serial: TP:1765
- Measurement SW: DASY52, Version 52.10 (4); SEMCAD X Version 14.6.14 (7501)

### LTE Band 25 1RB(20MHz) Body Bottom/Middle Channel/Area Scan

**(61x61x1):** Interpolated grid: dx=1.500 mm, dy=1.500 mm

Maximum value of SAR (interpolated) = 1.12 W/kg

### LTE Band 25 1RB(20MHz) Body Bottom/Middle Channel/Zoom Scan

**(5x5x7)/Cube 0:** Measurement grid: dx=8mm, dy=8mm, dz=5mm

Reference Value = 28.74 V/m; Power Drift = 0.06 dB

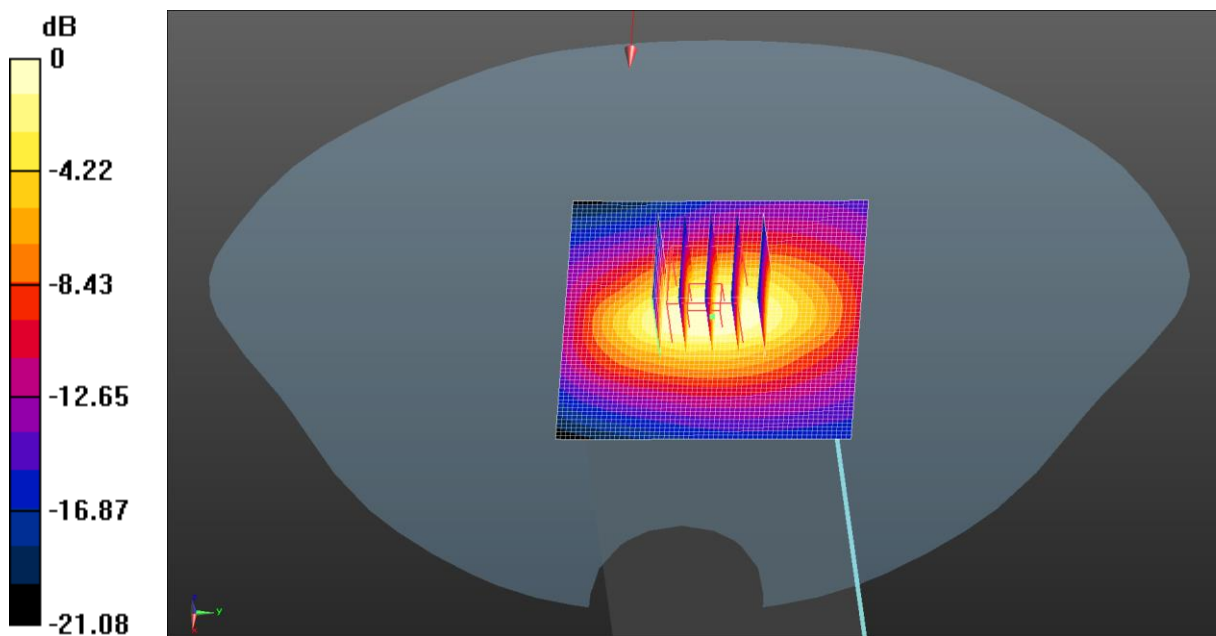
Peak SAR (extrapolated) = 1.38 W/kg

**SAR(1 g) = 0.771 W/kg; SAR(10 g) = 0.422 W/kg**

Smallest distance from peaks to all points 3 dB below = 11.2 mm

Ratio of SAR at M2 to SAR at M1 = 56.9%

Maximum value of SAR (measured) = 1.14 W/kg



0 dB = 1.12 W/kg = 0.50 dBW/kg

Test Laboratory: JYTSZ

Date: 07.31.2024

**DUT: Mobile Phone; Type: X6881; Serial: SZR142400072-3**

Communication System: UID 0, LTE-TDD(USA) 20MHz 1RB QPSK (0); Frequency: 2593 MHz; Duty Cycle: 1:1.59956  
 Medium parameters used (interpolated):  $f = 2593$  MHz;  $\sigma = 1.907$  S/m;  $\epsilon_r = 38.553$ ;  $\rho = 1000$  kg/m<sup>3</sup>  
 Phantom section: Flat Section

DASY5 Configuration:

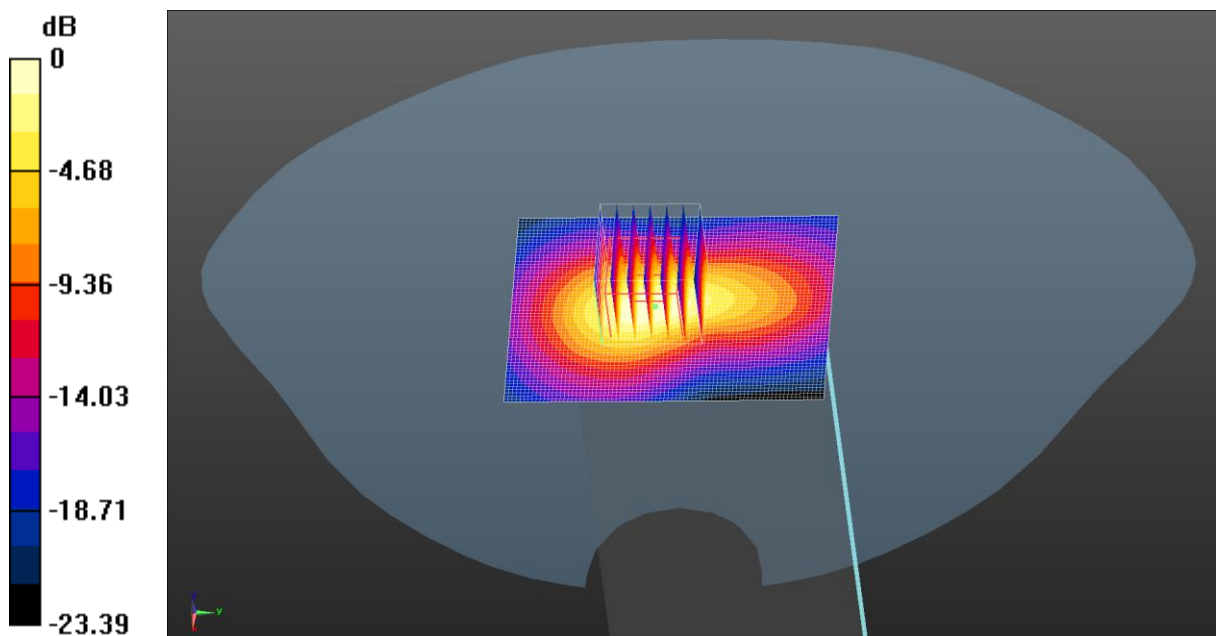
- Probe: EX3DV4 - SN3924; ConvF(7.41, 7.41, 7.41) @ 2593 MHz; Calibrated: 03.20.2024
- Sensor-Surface: 1.4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1452; Calibrated: 03.26.2024
- Phantom: SAM 5.0; Type: QD000P40CD; Serial: TP:1765
- Measurement SW: DASY52, Version 52.10 (4); SEMCAD X Version 14.6.14 (7501)

**LTE Band 41 1RB(20MHz) Body Bottom/Middle Channel/Area Scan**

**(61x81x1):** Interpolated grid: dx=1.200 mm, dy=1.200 mm  
 Maximum value of SAR (interpolated) = 1.12 W/kg

**LTE Band 41 1RB(20MHz) Body Bottom/Middle Channel/Zoom Scan**

**(7x7x7)/Cube 0:** Measurement grid: dx=5mm, dy=5mm, dz=5mm  
 Reference Value = 19.64 V/m; Power Drift = 0.12 dB  
 Peak SAR (extrapolated) = 1.39 W/kg  
**SAR(1 g) = 0.648 W/kg; SAR(10 g) = 0.297 W/kg**  
 Smallest distance from peaks to all points 3 dB below = 8.9 mm  
 Ratio of SAR at M2 to SAR at M1 = 47.5%  
 Maximum value of SAR (measured) = 1.11 W/kg



0 dB = 1.12 W/kg = 0.51 dBW/kg

Test Laboratory: JYTSZ

Date: 07.25.2024

**DUT: Mobile Phone; Type: X6881; Serial: SZR142400072-3**

Communication System: UID 0, LTE-Fdd(USA) 1RB QPSK (0); Frequency: 1745 MHz; Duty Cycle: 1:1

Medium parameters used (interpolated):  $f = 1745$  MHz;  $\sigma = 1.332$  S/m;  $\epsilon_r = 39.484$ ;  $\rho = 1000$  kg/m<sup>3</sup>

Phantom section: Flat Section

DASY5 Configuration:

- Probe: EX3DV4 - SN3924; ConvF(8.52, 8.52, 8.52) @ 1745 MHz; Calibrated: 03.20.2024
- Sensor-Surface: 1.4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1452; Calibrated: 03.26.2024
- Phantom: SAM 5.0; Type: QD000P40CD; Serial: TP:1765
- Measurement SW: DASY52, Version 52.10 (4); SEMCAD X Version 14.6.14 (7501)

### LTE Band 66 1RB(20MHz) Body Bottom/Middle Channel/Area Scan

**(51x71x1):** Interpolated grid: dx=1.500 mm, dy=1.500 mm

Maximum value of SAR (interpolated) = 0.723 W/kg

### LTE Band 66 1RB(20MHz) Body Bottom/Middle Channel/Zoom Scan

**(5x5x7)/Cube 0:** Measurement grid: dx=8mm, dy=8mm, dz=5mm

Reference Value = 21.42 V/m; Power Drift = 0.02 dB

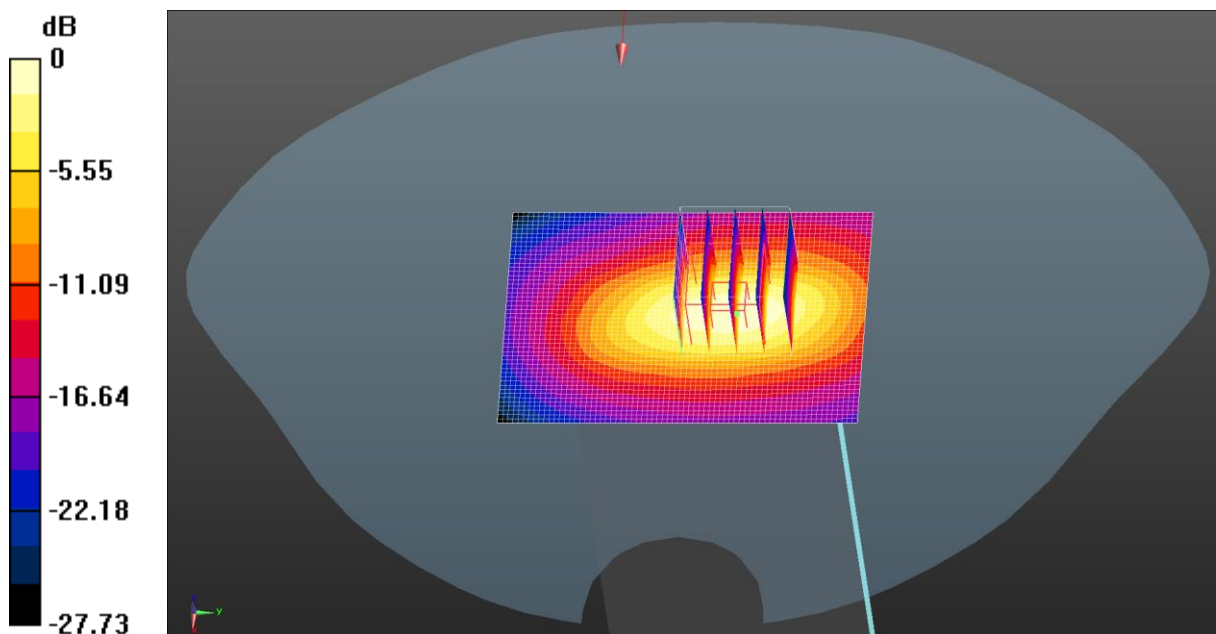
Peak SAR (extrapolated) = 0.821 W/kg

**SAR(1 g) = 0.450 W/kg; SAR(10 g) = 0.240 W/kg**

Smallest distance from peaks to all points 3 dB below = 9.6 mm

Ratio of SAR at M2 to SAR at M1 = 55%

Maximum value of SAR (measured) = 0.686 W/kg



0 dB = 0.723 W/kg = -1.41 dBW/kg

-----End of Report-----