

13.4 WLAN 2.4 GHz Band Conducted Power

Average Power (dBm)				
Channel	Frequency (MHz)	802.11 b	802.11 g	802.11n (HT20)
CH 01	2412	15.91	11.56	11.42
CH 06	2437	17.43	14.96	13.87
CH 11	2462	15.83	11.28	11.31

Average Power (dBm)		
Channel	Frequency (MHz)	802.11n (HT40)
CH 03	2422	9.68
CH 06	2437	13.56
CH 09	2452	9.47

Note:

1. SAR test of WLAN 2.4GHz is performed.
2. Per KDB 248227 D01v02r02, choose the highest output power channel to test SAR and determine further SAR exclusion.
3. Per KDB 248227 D01v02r02, In the 2.4 GHz band, separate SAR procedures are applied to DSSS and OFDM configurations to simplify DSSS test requirements. SAR is not required for the following 2.4 GHz OFDM conditions:
 - 1) When KDB Publication 447498 SAR test exclusion applies to the OFDM configuration.
 - 2) 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 ≤ 1.2 W/kg.
4. The output power of all data rate were pre-scan, just the worst case (the lowest data rate) of all mode were shown in report.
5. Per KDB 248227 D01V02r02 section 2.2, when the EUT in continuously transmitting mode, the actual duty cycle is 100%, so the duty cycle factor is 1.

13.5 WLAN 5.2GHz Band Conducted Power

Average Power (dBm)				
Channel	Frequency (MHz)	802.11 a	802.11 ac20	802.11 n20
CH 36	5180	14.25	13.14	13.97
CH 40	5200	13.33	12.45	13.37
CH 48	5240	13.01	12.18	13.14

Average Power (dBm)			
Channel	Frequency (MHz)	802.11 ac40	802.11 n40
CH 38	5190	13.28	13.28
CH 46	5230	12.54	12.65

Average Power (dBm)		
Channel	Frequency (MHz)	802.11 ac80
CH 42	5210	11.90

Note:

1. SAR test of WLAN 5.2GHz is performed.
2. Per KDB 248227 D01v02r02, choose the highest output power channel to test SAR and determine further SAR exclusion.
3. The output power of all data rate were pre-scan, just the worst case (the lowest data rate) of all mode were shown in report.
4. Per KDB 248227 D01V02r02 section 2.2, when the EUT in continuously transmitting mode, the actual duty cycle is 100%, so the duty cycle factor is 1.

13.6 WLAN 5.3GHz Band Conducted Power

Average Power (dBm)				
Channel	Frequency (MHz)	802.11 a	802.11 ac20	802.11 n20
CH 52	5260	13.89	11.89	12.82
CH 56	5280	13.41	11.68	12.50
CH 64	5320	12.72	11.88	12.70

Average Power (dBm)			
Channel	Frequency (MHz)	802.11 ac40	802.11 n40
CH 54	5270	11.71	12.04
CH 62	5310	12.23	12.23

Average Power (dBm)		
Channel	Frequency (MHz)	802.11 ac80
CH 58	5290	11.16

Note:

5. SAR test of WLAN 5.3GHz is performed.
6. Per KDB 248227 D01v02r02, choose the highest output power channel to test SAR and determine further SAR exclusion.
7. The output power of all data rate were pre-scan, just the worst case (the lowest data rate) of all mode were shown in report.
8. Per KDB 248227 D01V02r02 section 2.2, when the EUT in continuously transmitting mode, the actual duty cycle is 100%, so the duty cycle factor is 1.

13.7 WLAN 5.6GHz Band Conducted Power

Average Power (dBm)				
Channel	Frequency (MHz)	802.11 a	802.11 ac20	802.11 n20
CH 100	5500	13.80	12.03	12.96
CH 120	5600	14.48	12.65	13.69
CH 140	5700	14.42	12.64	13.59

Average Power (dBm)			
Channel	Frequency (MHz)	802.11 ac40	802.11 n40
CH 102	5510	12.24	13.14
CH 118	5590	12.46	13.24
CH 134	5670	12.48	13.30

Average Power (dBm)		
Channel	Frequency (MHz)	802.11 ac80
CH 106	5530	12.15
CH 122	5610	11.80

Note:

9. SAR test of WLAN 5.6GHz is performed.
10. Per KDB 248227 D01v02r02, choose the highest output power channel to test SAR and determine further SAR exclusion.
11. The output power of all data rate were pre-scan, just the worst case (the lowest data rate) of all mode were shown in report.
12. Per KDB 248227 D01V02r02 section 2.2, when the EUT in continuously transmitting mode, the actual duty cycle is 100%, so the duty cycle factor is 1.

13.8 WLAN 5.8GHz Band Conducted Power

Average Power (dBm)				
Channel	Frequency (MHz)	802.11 a	802.11 ac20	802.11 n20
CH 149	5745	14.01	12.43	13.37
CH 157	5785	14.59	12.89	13.71
CH 165	5825	14.10	12.31	13.20

Average Power (dBm)			
Channel	Frequency (MHz)	802.11 ac40	802.11 n40
CH 151	5755	11.98	12.87
CH 159	5795	12.14	13.04

Average Power (dBm)		
Channel	Frequency (MHz)	802.11 ac80
CH 155	5775	10.77

Note:

1. SAR test of WLAN 5.8GHz is performed.
2. Per KDB 248227 D01v02r02, choose the highest output power channel to test SAR and determine further SAR exclusion.
3. The output power of all data rate were pre-scan, just the worst case (the lowest data rate) of all mode were shown in report.
4. Per KDB 248227 D01V02r02 section 2.2, when the EUT in continuously transmitting mode, the actual duty cycle is 100%, so the duty cycle factor is 1.

13.9 Bluetooth Conducted Power

Average Power (dBm)				
Channel	Frequency (MHz)	GFSK	$\pi/4$ -DQPSK	8DPSK
CH 00	2402	7.75	7.70	8.01
CH 39	2441	8.19	8.17	8.39
CH 78	2480	5.03	5.45	5.68

Average Power (dBm)					
Channel	Frequency (MHz)	BLE PHY 1M	BLE PHY 2M	BLE Coded PHY S=2	BLE Coded PHY S=8
CH 00	2402	-0.63	-0.74	-0.44	-0.72
CH 20	2442	0.47	0.36	0.53	0.36
CH 39	2480	-2.88	-2.86	-2.71	-2.90

Note:

1. SAR test of Bluetooth is performed and the mode with highest average power is selected for SAR testing.
2. Per KDB 447498 D04v01 section 2.1.2: 1-mW Test Exemption, SAR test for BLE is not required.
3. The output power of all data rate were pre-scan, just the worst case of all mode were shown in report.
4. Per KDB 248227 D01V02r02 section 2.2, when the EUT in continuously transmitting mode, the actual duty cycle is 100%, so the duty cycle factor is 1.

14 Exposure Positions Consideration

14.1 EUT Antenna Locations

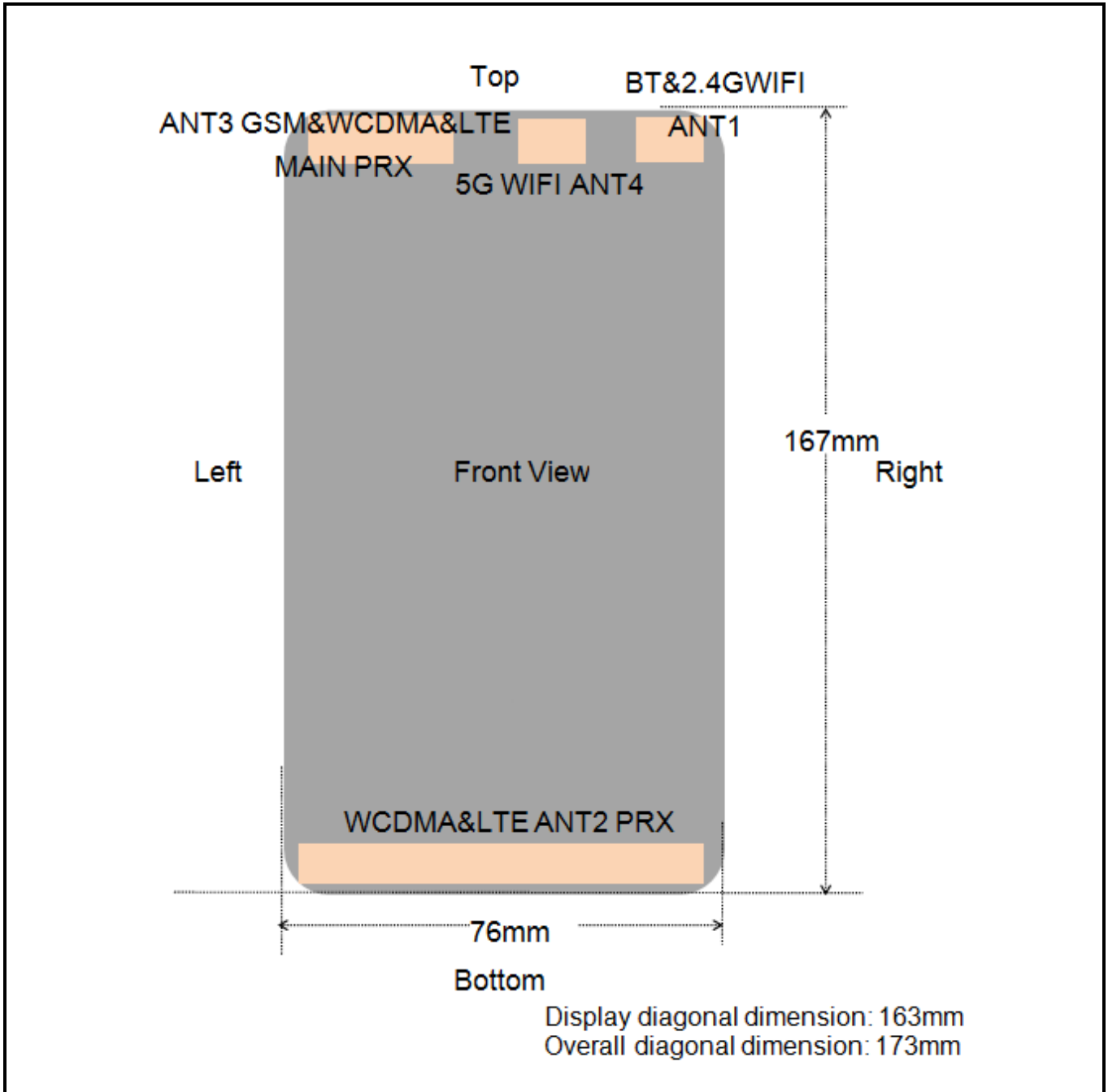


Fig.14.1 EUT Antenna Locations

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	Back	Front	Top Side	Bottom Side	Right Side	Left Side
2G/3G/4G ANT2	<25mm	<25mm	153mm	<25mm	<25mm	<25mm
2G/3G/4G ANT3	<25mm	<25mm	<25mm	151mm	36mm	<25mm
2.4GWIFI & Bluetooth ANT1	<25mm	<25mm	<25mm	145mm	<25mm	60mm
5GWIFI ANT4	<25mm	<25mm	<25mm	159mm	<25mm	43mm

Test Positions Test distance: 10mm						
Antennas	Back	Front	Top Side	Bottom Side	Right Side	Left Side
2G/3G/4G ANT2	Yes	Yes	No	Yes	Yes	Yes
2G/3G/4G ANT3	Yes	Yes	Yes	No	No	Yes
2.4GWIFI & Bluetooth ANT1	Yes	Yes	Yes	No	Yes	No
5GWIFI ANT4	Yes	Yes	Yes	No	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 $> 1.2\text{ W/kg}$

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 _{1g} (W/kg)	Scaling Factor	Reported SAR _{1g} (W/kg)
	GSM850/Voice	3	Right Cheek	190	836.6	33.54	0.06	34.0	0.962	1.112	1.070
	GSM850/Voice	3	Right Tilted	190	836.6	33.54	0.05	34.0	0.744	1.112	0.827
	GSM850/Voice	3	Left Cheek	190	836.6	33.54	0.20	34.0	0.546	1.112	0.607
	GSM850/Voice	3	Left Tilted	190	836.6	33.54	-0.06	34.0	0.357	1.112	0.397
	GSM850/Voice	3	Right Cheek	128	824.2	33.43	0.00	34.0	0.821	1.14	0.936
1	GSM850/Voice	3	Right Cheek	251	848.8	33.43	0.02	34.0	1.100	1.14	1.254
	GSM850/Voice	3	Right Cheek	251	848.8	33.43	-0.05	34.0	1.060	1.14	1.208
	PCS1900/Voice	3	Right Cheek	661	1880	30.31	0.05	30.5	0.675	1.045	0.705
	PCS1900/Voice	3	Right Tilted	661	1880	30.31	0.04	30.5	0.808	1.045	0.844
	PCS1900/Voice	3	Left Cheek	661	1880	30.31	0.05	30.5	0.425	1.045	0.444
	PCS1900/Voice	3	Left Tilted	661	1880	30.31	-0.11	30.5	0.589	1.045	0.616
2	PCS1900/Voice	3	Right Tilted	512	1850.2	30.25	-0.01	30.5	0.897	1.059	0.950
	PCS1900/Voice	3	Right Tilted	661	1880	30.03	-0.07	30.5	0.846	1.114	0.942
	PCS1900/Voice	3	Right Tilted	512	1850.2	30.25	0.03	30.5	0.878	1.059	0.930
ANSI / IEEE C95.1 – SAFETY LIMIT						1.6 W/kg (mW/g)					
Spatial Peak						Averaged over 1g					
Uncontrolled Exposure/General Population											

➤ 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 _{1g} (W/kg)	Scaling Factor	Reported SAR _{1g} (W/kg)
	Band II/RMC	3	Right Cheek	9538	1907.6	23.14	0.05	23.5	0.385	1.086	0.418
3	Band II/RMC	3	Right Tilted	9538	1907.6	23.14	-0.03	23.5	0.476	1.086	0.517
	Band II/RMC	3	Left Cheek	9538	1907.6	23.14	0.13	23.5	0.156	1.086	0.169
	Band II/RMC	3	Left Tilted	9538	1907.6	23.14	-0.14	23.5	0.234	1.086	0.254
	Band II/RMC	2	Right Cheek	9538	1907.6	22.87	0.05	23.5	0.112	1.156	0.129
	Band II/RMC	2	Right Tilted	9538	1907.6	22.87	0.03	23.5	0.066	1.156	0.076
	Band II/RMC	2	Left Cheek	9538	1907.6	22.87	-0.01	23.5	0.128	1.156	0.148
	Band II/RMC	2	Left Tilted	9538	1907.6	22.87	0.12	23.5	0.071	1.156	0.082
	Band IV/RMC	3	Right Cheek	1312	1712.4	23.19	0.15	23.5	0.653	1.074	0.701
4	Band IV/RMC	3	Right Tilted	1312	1712.4	23.19	0.02	23.5	0.767	1.074	0.824
	Band IV/RMC	3	Left Cheek	1312	1712.4	23.19	0.15	23.5	0.356	1.074	0.382
	Band IV/RMC	3	Left Tilted	1312	1712.4	23.19	0.11	23.5	0.448	1.074	0.481
	Band IV/RMC	2	Right Cheek	1513	1752.6	23.00	0.16	23.5	0.069	1.122	0.077
	Band IV/RMC	2	Right Tilted	1513	1752.6	23.00	0.15	23.5	0.039	1.122	0.044
	Band IV/RMC	2	Left Cheek	1513	1752.6	23.00	0.01	23.5	0.117	1.122	0.131
	Band IV/RMC	2	Left Tilted	1513	1752.6	23.00	0.01	23.5	0.062	1.122	0.070
5	Band V/RMC	3	Right Cheek	4183	836.6	23.64	0.10	24.0	0.799	1.086	0.868
	Band V/RMC	3	Right Tilted	4183	836.6	23.64	-0.02	24.0	0.682	1.086	0.741
	Band V/RMC	3	Left Cheek	4183	836.6	23.64	0.15	24.0	0.542	1.086	0.589
	Band V/RMC	3	Left Tilted	4183	836.6	23.64	0.12	24.0	0.466	1.086	0.506
	Band V/RMC	3	Right Cheek	4132	826.4	23.53	0.00	24.0	0.646	1.114	0.720
	Band V/RMC	3	Right Cheek	4233	846.6	23.57	0.01	24.0	0.772	1.104	0.852
	Band V/RMC	2	Right Cheek	4132	826.4	23.63	0.06	24.0	0.083	1.089	0.090
	Band V/RMC	2	Right Tilted	4132	826.4	23.63	0.02	24.0	0.046	1.089	0.050
	Band V/RMC	2	Left Cheek	4132	826.4	23.63	0.05	24.0	0.076	1.089	0.083
	Band V/RMC	2	Left Tilted	4132	826.4	23.63	-0.03	24.0	0.041	1.089	0.045
ANSI / IEEE C95.1 – SAFETY LIMIT						1.6 W/kg (mW/g)					
Spatial Peak						Averaged over 1g					
Uncontrolled Exposure/General Population											

➤ FDD-LTE Band 2(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 _{1g} (W/kg)	Scaling Factor	Reported SAR _{1g} (W/kg)
6	Band2/1RB#0	3	Right Cheek	19100	1900	24.40	0.03	24.5	0.406	1.023	0.415
	Band2/1RB#0	3	Right Tilted	19100	1900	24.40	0.17	24.5	0.520	1.023	0.532
	Band2/1RB#0	3	Left Cheek	19100	1900	24.40	-0.05	24.5	0.175	1.023	0.179
	Band2/1RB#0	3	Left Tilted	19100	1900	24.40	-0.20	24.5	0.258	1.023	0.264
	Band2/50%RB#49	3	Right Cheek	18900	1880	22.68	0.10	23.0	0.391	1.076	0.421
	Band2/50%RB#49	3	Right Tilted	18900	1880	22.68	-0.06	23.0	0.491	1.076	0.528
	Band2/50%RB#49	3	Left Cheek	18900	1880	22.68	-0.09	23.0	0.152	1.076	0.164
	Band2/50%RB#49	3	Left Tilted	18900	1880	22.68	0.19	23.0	0.242	1.076	0.260
	Band2/1RB#99	2	Right Cheek	18700	1860	23.97	-0.03	24.0	0.095	1.007	0.096
	Band2/1RB#99	2	Right Tilted	18700	1860	23.97	-0.15	24.0	0.054	1.007	0.054
	Band2/1RB#99	2	Left Cheek	18700	1860	23.97	-0.05	24.0	0.187	1.007	0.188
	Band2/1RB#99	2	Left Tilted	18700	1860	23.97	0.12	24.0	0.104	1.007	0.105
	Band2/50%RB#0	2	Right Cheek	18900	1880	22.27	-0.19	22.5	0.090	1.054	0.095
	Band2/50%RB#0	2	Right Tilted	18900	1880	22.27	-0.15	22.5	0.048	1.054	0.051
	Band2/50%RB#0	2	Left Cheek	18900	1880	22.27	0.05	22.5	0.165	1.054	0.174
	Band2/50%RB#0	2	Left Tilted	18900	1880	22.27	0.11	22.5	0.099	1.054	0.104
ANSI / IEEE C95.1 – SAFETY LIMIT						1.6 W/kg (mW/g)					
Spatial Peak											
Uncontrolled Exposure/General Population											

➤ FDD-LTE Band 5(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 _{1g} (W/kg)	Scaling Factor	Reported SAR _{1g} (W/kg)	
7	Band5/1RB#24	3	Right Cheek	20525	836.5	24.24	-0.10	24.5	0.719	1.062	0.764	
	Band5/1RB#24	3	Right Tilted	20525	836.5	24.24	0.11	24.5	0.584	1.062	0.620	
	Band5/1RB#24	3	Left Cheek	20525	836.5	24.24	-0.17	24.5	0.425	1.062	0.451	
	Band5/1RB#24	3	Left Tilted	20525	836.5	24.24	0.09	24.5	0.331	1.062	0.352	
	Band5/50%RB#12	3	Right Cheek	20525	836.5	22.88	0.02	23.0	0.691	1.028	0.710	
	Band5/50%RB#12	3	Right Tilted	20525	836.5	22.88	0.20	23.0	0.550	1.028	0.565	
	Band5/50%RB#12	3	Left Cheek	20525	836.5	22.88	-0.14	23.0	0.406	1.028	0.417	
	Band5/50%RB#12	3	Left Tilted	20525	836.5	22.88	-0.03	23.0	0.322	1.028	0.331	
	Band5/1RB#49	2	Right Cheek	20525	836.5	24.12	-0.02	24.5	0.071	1.091	0.077	
	Band5/1RB#49	2	Right Tilted	20525	836.5	24.12	0.17	24.5	0.037	1.091	0.040	
	Band5/1RB#49	2	Left Cheek	20525	836.5	24.12	-0.04	24.5	0.062	1.091	0.068	
	Band5/1RB#49	2	Left Tilted	20525	836.5	24.12	0.11	24.5	0.031	1.091	0.034	
	Band5/50%RB#0	2	Right Cheek	20450	829	22.86	-0.11	23.0	0.065	1.033	0.067	
	Band5/50%RB#0	2	Right Tilted	20450	829	22.86	-0.11	23.0	0.033	1.033	0.034	
	Band5/50%RB#0	2	Left Cheek	20450	829	22.86	0.17	23.0	0.054	1.033	0.056	
	Band5/50%RB#0	2	Left Tilted	20450	829	22.86	-0.07	23.0	0.026	1.033	0.027	
	ANSI / IEEE C95.1 – SAFETY LIMIT						1.6 W/kg (mW/g)					
	Spatial Peak											
Uncontrolled Exposure/General Population												

➤ 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 _{1g} (W/kg)	Scaling Factor	Reported SAR _{1g} (W/kg)
8	Band7/1RB#0	3	Right Cheek	21100	2535	23.76	0.05	24.0	0.665	1.057	0.703
	Band7/1RB#0	3	Right Tilted	21100	2535	23.76	0.02	24.0	0.850	1.057	0.898
	Band7/1RB#0	3	Left Cheek	21100	2535	23.76	-0.02	24.0	0.423	1.057	0.447
	Band7/1RB#0	3	Left Tilted	21100	2535	23.76	0.03	24.0	0.547	1.057	0.578
	Band7/1RB#49	3	Right Tilted	20850	2510	23.35	-0.07	24.0	0.640	1.161	0.743
	Band7/1RB#99	3	Right Tilted	21350	2560	23.02	0.06	24.0	0.678	1.253	0.850
	Band7/50%RB#0	3	Right Cheek	20850	2510	22.14	-0.15	22.5	0.425	1.086	0.462
	Band7/50%RB#0	3	Right Tilted	20850	2510	22.14	0.10	22.5	0.621	1.086	0.674
	Band7/50%RB#0	3	Left Cheek	20850	2510	22.14	-0.16	22.5	0.298	1.086	0.324
	Band7/50%RB#0	3	Left Tilted	20850	2510	22.14	-0.19	22.5	0.368	1.086	0.400
	Band7/100%RB#0	3	Right Tilted	20850	2510	22.12	0.06	22.5	0.612	1.091	0.668
	Band7/1RB#0	3	Right Tilted	21100	2535	23.76	-0.14	24.0	0.837	1.057	0.885
	Band7/1RB#0	2	Right Cheek	20850	2510	23.05	0.15	23.5	0.185	1.109	0.205
	Band7/1RB#0	2	Right Tilted	20850	2510	23.05	0.04	23.5	0.105	1.109	0.116
	Band7/1RB#0	2	Left Cheek	20850	2510	23.05	0.08	23.5	0.222	1.109	0.246
	Band7/1RB#0	2	Left Tilted	20850	2510	23.05	0.00	23.5	0.134	1.109	0.149
	Band7/50%RB#49	2	Right Cheek	20850	2510	21.97	-0.01	22.0	0.168	1.007	0.169
	Band7/50%RB#49	2	Right Tilted	20850	2510	21.97	-0.08	22.0	0.099	1.007	0.100
	Band7/50%RB#49	2	Left Cheek	20850	2510	21.97	0.06	22.0	0.205	1.007	0.206
	Band7/50%RB#49	2	Left Tilted	20850	2510	21.97	-0.16	22.0	0.124	1.007	0.125
ANSI / IEEE C95.1 – SAFETY LIMIT Spatial Peak Uncontrolled Exposure/General Population						1.6 W/kg (mW/g) Averaged over 1g					

➤ 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 _{1g} (W/kg)	Scaling Factor	Reported SAR _{1g} (W/kg)	
9	Band12/1RB#0	3	Right Cheek	23095	707.5	24.17	0.13	24.5	0.371	1.079	0.400	
	Band12/1RB#0	3	Right Tilted	23095	707.5	24.17	-0.04	24.5	0.281	1.079	0.303	
	Band12/1RB#0	3	Left Cheek	23095	707.5	24.17	0.16	24.5	0.113	1.079	0.122	
	Band12/1RB#0	3	Left Tilted	23095	707.5	24.17	-0.16	24.5	0.185	1.079	0.200	
	Band12/50%RB#0	3	Right Cheek	23060	704	22.66	-0.13	23.0	0.354	1.081	0.383	
	Band12/50%RB#0	3	Right Tilted	23060	704	22.66	0.14	23.0	0.264	1.081	0.285	
	Band12/50%RB#0	3	Left Cheek	23060	704	22.66	0.20	23.0	0.104	1.081	0.112	
	Band12/50%RB#0	3	Left Tilted	23060	704	22.66	0.02	23.0	0.168	1.081	0.182	
	Band12/1RB#24	2	Right Cheek	23095	707.5	24.05	0.05	24.5	0.049	1.109	0.054	
	Band12/1RB#24	2	Right Tilted	23095	707.5	24.05	0.05	24.5	0.028	1.109	0.031	
	Band12/1RB#24	2	Left Cheek	23095	707.5	24.05	-0.02	24.5	0.045	1.109	0.050	
	Band12/1RB#24	2	Left Tilted	23095	707.5	24.05	-0.10	24.5	0.023	1.109	0.026	
	Band12/50%RB#12	2	Right Cheek	23095	707.5	22.67	-0.01	23.0	0.043	1.079	0.046	
	Band12/50%RB#12	2	Right Tilted	23095	707.5	22.67	-0.14	23.0	0.022	1.079	0.024	
	Band12/50%RB#12	2	Left Cheek	23095	707.5	22.67	-0.14	23.0	0.039	1.079	0.042	
	Band12/50%RB#12	2	Left Tilted	23095	707.5	22.67	-0.18	23.0	0.017	1.079	0.018	
	ANSI / IEEE C95.1 – SAFETY LIMIT Spatial Peak Uncontrolled Exposure/General Population						1.6 W/kg (mW/g) Averaged over 1g					

➤ 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 _{1g} (W/kg)	Scaling Factor	D.C Factor	Reported SAR _{1g} (W/kg)
10	Band41/1RB#99	3	Right Cheek	41140	2645	23.49	0.02	23.5	0.655	1.002	1.008	0.662
	Band41/1RB#99	3	Right Tilted	41140	2645	23.49	0.03	23.5	0.761	1.002	1.008	0.769
	Band41/1RB#99	3	Left Cheek	41140	2645	23.49	-0.08	23.5	0.434	1.002	1.008	0.438
	Band41/1RB#99	3	Left Tilted	41140	2645	23.49	0.00	23.5	0.528	1.002	1.008	0.533
	Band41/50%RB#49	3	Right Cheek	40640	2595	22.22	-0.13	22.5	0.621	1.067	1.008	0.668
	Band41/50%RB#49	3	Right Tilted	40640	2595	22.22	-0.14	22.5	0.711	1.067	1.008	0.765
	Band41/50%RB#49	3	Left Cheek	40640	2595	22.22	-0.12	22.5	0.405	1.067	1.008	0.436
	Band41/50%RB#49	3	Left Tilted	40640	2595	22.22	0.12	22.5	0.498	1.067	1.008	0.536
	Band41/1RB#99	2	Right Cheek	41140	2645	23.54	-0.16	24.0	0.165	1.112	1.008	0.185
	Band41/1RB#99	2	Right Tilted	41140	2645	23.54	0.08	24.0	0.088	1.112	1.008	0.099
	Band41/1RB#99	2	Left Cheek	41140	2645	23.54	0.09	24.0	0.206	1.112	1.008	0.231
	Band41/1RB#99	2	Left Tilted	41140	2645	23.54	0.20	24.0	0.115	1.112	1.008	0.129
	Band41/50%RB#0	2	Right Cheek	41140	2645	22.29	0.17	22.5	0.148	1.05	1.008	0.157
	Band41/50%RB#0	2	Right Tilted	41140	2645	22.29	0.03	22.5	0.078	1.05	1.008	0.083
	Band41/50%RB#0	2	Left Cheek	41140	2645	22.29	0.13	22.5	0.189	1.05	1.008	0.200
	Band41/50%RB#0	2	Left Tilted	41140	2645	22.29	-0.02	22.5	0.104	1.05	1.008	0.110

**ANSI / IEEE C95.1 – SAFETY LIMIT
Spatial Peak
Uncontrolled Exposure/General Population**

**1.6 W/kg (mW/g)
Averaged over 1g**

➤ 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 _{1g} (W/kg)	Scaling Factor	Reported SAR _{1g} (W/kg)	
11	Band66/1RB#99	3	Right Cheek	132072	1720	23.77	0.05	24.0	0.586	1.054	0.618	
	Band66/1RB#99	3	Right Tilted	132072	1720	23.77	-0.09	24.0	0.737	1.054	0.777	
	Band66/1RB#99	3	Left Cheek	132072	1720	23.77	0.11	24.0	0.432	1.054	0.455	
	Band66/1RB#99	3	Left Tilted	132072	1720	23.77	0.20	24.0	0.556	1.054	0.586	
	Band66/50%RB#49	3	Right Cheek	132072	1720	22.57	-0.15	23.0	0.536	1.104	1.008	0.592
	Band66/50%RB#49	3	Right Tilted	132072	1720	22.57	-0.19	23.0	0.662	1.104	1.008	0.731
	Band66/50%RB#49	3	Left Cheek	132072	1720	22.57	0.13	23.0	0.395	1.104	1.008	0.436
	Band66/50%RB#49	3	Left Tilted	132072	1720	22.57	0.00	23.0	0.503	1.104	1.008	0.555
	Band66/1RB#99	2	Right Cheek	132322	1745	23.52	0.12	24.0	0.103	1.117	1.008	0.115
	Band66/1RB#99	2	Right Tilted	132322	1745	23.52	-0.02	24.0	0.055	1.117	1.008	0.061
	Band66/1RB#99	2	Left Cheek	132322	1745	23.52	0.04	24.0	0.121	1.117	1.008	0.135
	Band66/1RB#99	2	Left Tilted	132322	1745	23.52	-0.04	24.0	0.061	1.117	1.008	0.068
	Band66/50%RB#0	2	Right Cheek	132572	1770	22.35	-0.09	22.5	0.094	1.035	1.008	0.097
	Band66/50%RB#0	2	Right Tilted	132572	1770	22.35	0.10	22.5	0.048	1.035	1.008	0.050
	Band66/50%RB#0	2	Left Cheek	132572	1770	22.35	-0.10	22.5	0.111	1.035	1.008	0.115
	Band66/50%RB#0	2	Left Tilted	132572	1770	22.35	0.13	22.5	0.055	1.035	1.008	0.057

**ANSI / IEEE C95.1 – SAFETY LIMIT
Spatial Peak
Uncontrolled Exposure/General Population**

**1.6 W/kg (mW/g)
Averaged over 1g**

➤ 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 _{1g} (W/kg)	Scaling Factor	D.C Factor	Reported SAR _{1g} (W/kg)
12	2.4GHz/802.11b	1	Right Cheek	6	2437	17.43	0.02	17.5	0.102	1.016	1.000	0.104
	2.4GHz/802.11b	1	Right Tilted	6	2437	17.43	0.01	17.5	0.085	1.016	1.000	0.086
	2.4GHz/802.11b	1	Left Cheek	6	2437	17.43	0.03	17.5	0.271	1.016	1.000	0.275
	2.4GHz/802.11b	1	Left Tilted	6	2437	17.43	0.05	17.5	0.230	1.016	1.000	0.234

**ANSI / IEEE C95.1 – SAFETY LIMIT
Spatial Peak
Uncontrolled Exposure/General Population**

**1.6 W/kg (mW/g)
Averaged over 1g**

➤ 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 _{1g} (W/kg)	Scaling Factor	D.C Factor	Reported SAR _{1g} (W/kg)
	5.2GHz/802.11a	4	Right Cheek	36	5180	14.25	0.12	14.5	0.092	1.059	1.000	0.097
	5.2GHz/802.11a	4	Right Tilted	36	5180	14.25	-0.02	14.5	0.118	1.059	1.000	0.125
	5.2GHz/802.11a	4	Left Cheek	36	5180	14.25	0.16	14.5	0.264	1.059	1.000	0.280
14	5.2GHz/802.11a	4	Left Tilted	36	5180	14.25	0.00	14.5	0.300	1.059	1.000	0.318
ANSI / IEEE C95.1 – SAFETY LIMIT Spatial Peak Uncontrolled Exposure/General Population						1.6 W/kg (mW/g) Averaged over 1g						

➤ 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 _{1g} (W/kg)	Scaling Factor	D.C Factor	Reported SAR _{1g} (W/kg)
	5.3GHz/802.11a	4	Right Cheek	52	5260	13.89	0.14	14.0	0.085	1.026	1.000	0.087
	5.3GHz/802.11a	4	Right Tilted	52	5260	13.89	-0.19	14.0	0.112	1.026	1.000	0.115
	5.3GHz/802.11a	4	Left Cheek	52	5260	13.89	0.12	14.0	0.256	1.026	1.000	0.263
15	5.3GHz/802.11a	4	Left Tilted	52	5260	13.89	0.02	14.0	0.291	1.026	1.000	0.299
ANSI / IEEE C95.1 – SAFETY LIMIT Spatial Peak Uncontrolled Exposure/General Population						1.6 W/kg (mW/g) Averaged over 1g						

➤ 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 _{1g} (W/kg)	Scaling Factor	D.C Factor	Reported SAR _{1g} (W/kg)
	5.6GHz/802.11a	4	Right Cheek	120	5600	14.48	0.14	14.5	0.065	1.005	1.000	0.065
	5.6GHz/802.11a	4	Right Tilted	120	5600	14.48	0.16	14.5	0.083	1.005	1.000	0.083
	5.6GHz/802.11a	4	Left Cheek	120	5600	14.48	0.01	14.5	0.185	1.005	1.000	0.186
16	5.6GHz/802.11a	4	Left Tilted	120	5600	14.48	-0.10	14.5	0.223	1.005	1.000	0.224
ANSI / IEEE C95.1 – SAFETY LIMIT Spatial Peak Uncontrolled Exposure/General Population						1.6 W/kg (mW/g) Averaged over 1g						

➤ 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 _{1g} (W/kg)	Scaling Factor	D.C Factor	Reported SAR _{1g} (W/kg)
	5.8GHz/802.11a	4	Right Cheek	157	5785	14.59	0.11	15.0	0.051	1.099	1.000	0.056
	5.8GHz/802.11a	4	Right Tilted	157	5785	14.59	0.17	15.0	0.068	1.099	1.000	0.075
	5.8GHz/802.11a	4	Left Cheek	157	5785	14.59	0.15	15.0	0.145	1.099	1.000	0.159
17	5.8GHz/802.11a	4	Left Tilted	157	5785	14.59	-0.08	15.0	0.175	1.099	1.000	0.192
ANSI / IEEE C95.1 – SAFETY LIMIT Spatial Peak Uncontrolled Exposure/General Population						1.6 W/kg (mW/g) Averaged over 1g						

➤ 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 _{1g} (W/kg)	Scaling Factor	D.C Factor	Reported SAR _{1g} (W/kg)
	BT/GFSK	1	Right Cheek	39	2441	8.19	0.01	8.5	0.009	1.074	1.000	0.010
	BT/GFSK	1	Right Tilted	39	2441	8.19	0.00	8.5	0.004	1.074	1.000	0.004
13	BT/GFSK	1	Left Cheek	39	2441	8.19	0.00	8.5	0.020	1.074	1.000	0.021
	BT/GFSK	1	Left Tilted	39	2441	8.19	0.02	8.5	0.015	1.074	1.000	0.016
ANSI / IEEE C95.1 – SAFETY LIMIT												
Spatial Peak						1.6 W/kg (mW/g)						
Uncontrolled Exposure/General Population						Averaged over 1g						

Note:

1. Per KDB 447498 D04v01, for each exposure position, if the highest output power channel Reported SAR ≤ 0.8W/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 ≥ 0.8W/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 ≤ 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 ≤ 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 ≤ 1.2 W/kg. Cuz the maximum output power specified for OFDM and DSSS are 31.62mW(15.0dBm) and 56.23mW(17.5dBm), the scaled SAR would be $0.318 \times (31.62/56.23) = 0.179 \text{ W/Kg} < 1.2 \text{ W/kg}$, 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 _{1g} (W/kg)	Scaling Factor	Reported SAR _{1g} (W/kg)
	GPRS850/2 slots	3	Front	190	836.6	31.49	0.02	31.5	0.231	1.002	0.231
18	GPRS850/2 slots	3	Back	190	836.6	31.49	-0.10	31.5	0.282	1.002	0.283
	GPRS1900/3 slots	3	Front	512	1850.2	26.71	0.11	27.0	0.445	1.069	0.476
19	GPRS1900/3 slots	3	Back	512	1850.2	26.71	-0.14	27.0	0.525	1.069	0.561
ANSI / IEEE C95.1 – SAFETY LIMIT											
Spatial Peak											
Uncontrolled Exposure/General Population						1.6 W/kg (mW/g) Averaged over 1g					

➤ 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 _{1g} (W/kg)	Scaling Factor	Reported SAR _{1g} (W/kg)
	Band II/RMC	3	Front	9538	1907.6	23.14	-0.03	23.5	0.084	1.086	0.091
	Band II/RMC	3	Back	9538	1907.6	23.14	-0.02	23.5	0.096	1.086	0.104
	Band II/RMC	2	Front	9538	1907.6	22.87	0.03	23.5	0.361	1.156	0.417
20	Band II/RMC	2	Back	9538	1907.6	22.87	0.01	23.5	0.489	1.156	0.565
	Band IV/RMC	3	Front	1312	1712.4	23.19	0.01	23.5	0.134	1.074	0.144
	Band IV/RMC	3	Back	1312	1712.4	23.19	0.11	23.5	0.165	1.074	0.177
	Band IV/RMC	2	Front	1513	1752.6	23.00	0.01	23.5	0.224	1.122	0.251
21	Band IV/RMC	2	Back	1513	1752.6	23.00	0.13	23.5	0.303	1.122	0.340
	Band V/RMC	3	Front	4183	836.6	23.64	-0.01	24.0	0.166	1.086	0.180
22	Band V/RMC	3	Back	4183	836.6	23.64	0.13	24.0	0.232	1.086	0.252
	Band V/RMC	2	Front	4132	826.4	23.63	-0.10	24.0	0.090	1.089	0.098
	Band V/RMC	2	Back	4132	826.4	23.63	-0.08	24.0	0.136	1.089	0.148
ANSI / IEEE C95.1 – SAFETY LIMIT											
Spatial Peak											
Uncontrolled Exposure/General Population						1.6 W/kg (mW/g) Averaged over 1g					

➤ FDD-LTE Band 2(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 _{1g} (W/kg)	Scaling Factor	Reported SAR _{1g} (W/kg)
	Band2/1RB#0	3	Front	19100	1900	24.40	0.02	24.5	0.198	1.023	0.203
	Band2/1RB#0	3	Back	19100	1900	24.40	0.17	24.5	0.276	1.023	0.282
	Band2/50%RB#49	3	Front	18900	1880	22.68	0.09	23.0	0.177	1.076	0.190
	Band2/50%RB#49	3	Back	18900	1880	22.68	-0.02	23.0	0.251	1.076	0.270
	Band2/1RB#99	2	Front	18700	1860	23.97	0.00	24.0	0.357	1.007	0.359
23	Band2/1RB#99	2	Back	18700	1860	23.97	-0.05	24.0	0.595	1.007	0.599
	Band2/50%RB#0	2	Front	18900	1880	22.27	0.14	22.5	0.342	1.054	0.360
	Band2/50%RB#0	2	Back	18900	1880	22.27	0.07	22.5	0.564	1.054	0.594
ANSI / IEEE C95.1 – SAFETY LIMIT											
Spatial Peak											
Uncontrolled Exposure/General Population						1.6 W/kg (mW/g) Averaged over 1g					

➤ FDD-LTE Band 5(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 _{1g} (W/kg)	Scaling Factor	Reported SAR _{1g} (W/kg)
	Band5/1RB#24	3	Front	20525	836.5	24.24	0.02	24.5	0.178	1.062	0.189
24	Band5/1RB#24	3	Back	20525	836.5	24.24	-0.15	24.5	0.257	1.062	0.273
	Band5/50%RB#12	3	Front	20525	836.5	22.88	0.12	23.0	0.158	1.028	0.162
	Band5/50%RB#12	3	Back	20525	836.5	22.88	-0.04	23.0	0.236	1.028	0.243
	Band5/1RB#49	2	Front	20525	836.5	24.12	-0.06	24.5	0.084	1.091	0.092
	Band5/1RB#49	2	Back	20525	836.5	24.12	0.01	24.5	0.121	1.091	0.132
	Band5/50%RB#0	2	Front	20450	829	22.86	-0.16	23.0	0.079	1.033	0.082
	Band5/50%RB#0	2	Back	20450	829	22.86	0.18	23.0	0.114	1.033	0.118
ANSI / IEEE C95.1 – SAFETY LIMIT Spatial Peak Uncontrolled Exposure/General Population						1.6 W/kg (mW/g) Averaged over 1g					

➤ 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 _{1g} (W/kg)	Scaling Factor	Reported SAR _{1g} (W/kg)
	Band7/1RB#0	3	Front	21100	2535	23.76	0.05	24.0	0.385	1.057	0.407
25	Band7/1RB#0	3	Back	21100	2535	23.76	0.09	24.0	0.494	1.057	0.522
	Band7/50%RB#0	3	Front	20850	2510	22.14	0.06	22.5	0.364	1.086	0.395
	Band7/50%RB#0	3	Back	20850	2510	22.14	-0.09	22.5	0.471	1.086	0.512
	Band7/1RB#0	2	Front	20850	2510	23.05	-0.04	23.5	0.243	1.109	0.269
	Band7/1RB#0	2	Back	20850	2510	23.05	-0.03	23.5	0.415	1.109	0.460
	Band7/50%RB#49	2	Front	20850	2510	21.97	-0.13	22.0	0.224	1.007	0.226
	Band7/50%RB#49	2	Back	20850	2510	21.97	-0.18	22.0	0.387	1.007	0.390
ANSI / IEEE C95.1 – SAFETY LIMIT Spatial Peak Uncontrolled Exposure/General Population						1.6 W/kg (mW/g) Averaged over 1g					

➤ 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 _{1g} (W/kg)	Scaling Factor	Reported SAR _{1g} (W/kg)
	Band12/1RB#0	3	Front	23095	707.5	24.17	0.15	24.5	0.075	1.079	0.081
26	Band12/1RB#0	3	Back	23095	707.5	24.17	-0.08	24.5	0.118	1.079	0.127
	Band12/50%RB#0	3	Front	23060	704	22.66	0.05	23.0	0.070	1.081	0.076
	Band12/50%RB#0	3	Back	23060	704	22.66	0.18	23.0	0.109	1.081	0.118
	Band12/1RB#24	2	Front	23095	707.5	24.05	0.03	24.5	0.046	1.109	0.051
	Band12/1RB#24	2	Back	23095	707.5	24.05	0.01	24.5	0.071	1.109	0.079
	Band12/50%RB#12	2	Front	23095	707.5	22.67	-0.18	23.0	0.039	1.079	0.042
	Band12/50%RB#12	2	Back	23095	707.5	22.67	0.12	23.0	0.066	1.079	0.071
ANSI / IEEE C95.1 – SAFETY LIMIT Spatial Peak Uncontrolled Exposure/General Population						1.6 W/kg (mW/g) Averaged over 1g					

➤ 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 _{1g} (W/kg)	Scaling Factor	D.C Factor	Reported SAR _{1g} (W/kg)
	Band41/1RB#99	3	Front	41140	2645	23.49	0.02	23.5	0.165	1.002	1.008	0.167
27	Band41/1RB#99	3	Back	41140	2645	23.49	0.03	23.5	0.439	1.002	1.008	0.443
	Band41/50%RB#49	3	Front	40640	2595	22.22	-0.03	22.5	0.154	1.067	1.008	0.166
	Band41/50%RB#49	3	Back	40640	2595	22.22	-0.01	22.5	0.410	1.067	1.008	0.441
	Band41/1RB#99	2	Front	41140	2645	23.54	0.03	24.0	0.162	1.112	1.008	0.182
	Band41/1RB#99	2	Back	41140	2645	23.54	0.05	24.0	0.287	1.112	1.008	0.322
	Band41/50%RB#0	2	Front	41140	2645	22.29	-0.19	22.5	0.155	1.050	1.008	0.164
	Band41/50%RB#0	2	Back	41140	2645	22.29	0.16	22.5	0.268	1.050	1.008	0.284
ANSI / IEEE C95.1 – SAFETY LIMIT Spatial Peak Uncontrolled Exposure/General Population						1.6 W/kg (mW/g) Averaged over 1g						

➤ 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 _{1g} (W/kg)	Scaling Factor	Reported SAR _{1g} (W/kg)
	Band66/1RB#99	3	Front	132072	1720	23.77	0.03	24.0	0.116	1.054	0.122
	Band66/1RB#99	3	Back	132072	1720	23.77	-0.07	24.0	0.168	1.054	0.177
	Band66/50%RB#49	3	Front	132072	1720	22.57	0.18	23.0	0.104	1.104	0.115
	Band66/50%RB#49	3	Back	132072	1720	22.57	0.09	23.0	0.154	1.104	0.170
	Band66/1RB#99	2	Front	132322	1745	23.52	0.01	24.0	0.245	1.117	0.274
28	Band66/1RB#99	2	Back	132322	1745	23.52	-0.01	24.0	0.385	1.117	0.430
	Band66/50%RB#0	2	Front	132572	1770	22.35	-0.07	22.5	0.232	1.035	0.240
	Band66/50%RB#0	2	Back	132572	1770	22.35	0.04	22.5	0.369	1.035	0.382
ANSI / IEEE C95.1 – SAFETY LIMIT Spatial Peak Uncontrolled Exposure/General Population						1.6 W/kg (mW/g) Averaged over 1g					

➤ 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 _{1g} (W/kg)	Scaling Factor	D.C Factor	Reported SAR _{1g} (W/kg)
	2.4GHz/802.11b	1	Front	6	2437	17.43	0.04	17.5	0.137	1.016	1.000	0.139
29	2.4GHz/802.11b	1	Back	6	2437	17.43	-0.04	17.5	0.277	1.016	1.000	0.281
ANSI / IEEE C95.1 – SAFETY LIMIT Spatial Peak Uncontrolled Exposure/General Population						1.6 W/kg (mW/g) Averaged over 1g						

➤ 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 _{1g} (W/kg)	Scaling Factor	D.C Factor	Reported SAR _{1g} (W/kg)
	5.2GHz/802.11a	4	Front	36	5180	14.25	0.05	14.5	0.086	1.059	1.000	0.091
30	5.2GHz/802.11a	4	Back	36	5180	14.25	0.00	14.5	0.167	1.059	1.000	0.177
ANSI / IEEE C95.1 – SAFETY LIMIT Spatial Peak Uncontrolled Exposure/General Population						1.6 W/kg (mW/g) Averaged over 1g						

➤ 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 _{1g} (W/kg)	Scaling Factor	D.C Factor	Reported SAR _{1g} (W/kg)
	5.3GHz/802.11a	4	Front	52	5260	13.89	0.05	14.0	0.088	1.026	1.000	0.090
31	5.3GHz/802.11a	4	Back	52	5260	13.89	0.00	14.0	0.172	1.026	1.000	0.176
ANSI / IEEE C95.1 – SAFETY LIMIT Spatial Peak Uncontrolled Exposure/General Population						1.6 W/kg (mW/g) Averaged over 1g						

➤ 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 _{1g} (W/kg)	Scaling Factor	D.C Factor	Reported SAR _{1g} (W/kg)
	5.6GHz/802.11a	4	Front	120	5600	14.48	0.00	14.5	0.062	1.005	1.000	0.062
32	5.6GHz/802.11a	4	Back	120	5600	14.48	0.00	14.5	0.111	1.005	1.000	0.112
ANSI / IEEE C95.1 – SAFETY LIMIT Spatial Peak Uncontrolled Exposure/General Population						1.6 W/kg (mW/g) Averaged over 1g						

➤ 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 _{1g} (W/kg)	Scaling Factor	D.C Factor	Reported SAR _{1g} (W/kg)
	5.8GHz/802.11a	4	Front	157	5785	14.59	0.01	15.0	0.056	1.099	1.000	0.062
33	5.8GHz/802.11a	4	Back	157	5785	14.59	0.07	15.0	0.094	1.099	1.000	0.103
ANSI / IEEE C95.1 – SAFETY LIMIT Spatial Peak Uncontrolled Exposure/General Population						1.6 W/kg (mW/g) Averaged over 1g						

➤ 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 _{1g} (W/kg)	Scaling Factor	D.C Factor	Reported SAR _{1g} (W/kg)
	BT/GFSK	1	Front	39	2441	8.19	0.03	8.5	0.004	1.074	1.000	0.004
34	BT/GFSK	1	Back	39	2441	8.19	-0.07	8.5	0.013	1.074	1.000	0.014
ANSI / IEEE C95.1 – SAFETY LIMIT Spatial Peak Uncontrolled Exposure/General Population						1.6 W/kg (mW/g) Averaged over 1g						

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 ≤ 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 ≤ 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 ≥ 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 ≤ 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 _{1g} (W/kg)	Scaling Factor	Reported SAR _{1g} (W/kg)
	GPRS850/2 slots	3	Front	190	836.6	31.49	0.02	31.5	0.231	1.002	0.231
18	GPRS850/2 slots	3	Back	190	836.6	31.49	-0.10	31.5	0.282	1.002	0.283
	GPRS850/2 slots	3	Left	190	836.6	31.49	-0.20	31.5	0.065	1.002	0.065
	GPRS850/2 slots	3	Top	190	836.6	31.49	-0.12	31.5	0.167	1.002	0.167
	GPRS1900/3 slots	3	Front	512	1850.2	26.71	0.11	27.0	0.445	1.069	0.476
19	GPRS1900/3 slots	3	Back	512	1850.2	26.71	-0.14	27.0	0.525	1.069	0.561
	GPRS1900/3 slots	3	Left	512	1850.2	26.71	-0.02	27.0	0.125	1.069	0.134
	GPRS1900/3 slots	3	Top	512	1850.2	26.71	0.15	27.0	0.324	1.069	0.346
ANSI / IEEE C95.1 – SAFETY LIMIT Spatial Peak Uncontrolled Exposure/General Population						1.6 W/kg (mW/g) Averaged over 1g					

➤ 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 _{1g} (W/kg)	Scaling Factor	Reported SAR _{1g} (W/kg)
	Band II/RMC	3	Front	9538	1907.6	23.14	-0.03	23.5	0.084	1.086	0.091
	Band II/RMC	3	Back	9538	1907.6	23.14	-0.02	23.5	0.096	1.086	0.104
	Band II/RMC	3	Left	9538	1907.6	23.14	0.03	23.5	0.026	1.086	0.028
	Band II/RMC	3	Top	9538	1907.6	23.14	0.01	23.5	0.015	1.086	0.016
	Band II/RMC	2	Front	9538	1907.6	22.87	0.03	23.5	0.361	1.156	0.417
20	Band II/RMC	2	Back	9538	1907.6	22.87	0.01	23.5	0.489	1.156	0.565
	Band II/RMC	2	Left	9538	1907.6	22.87	-0.07	23.5	0.004	1.156	0.005
	Band II/RMC	2	Right	9538	1907.6	22.87	-0.06	23.5	0.010	1.156	0.011
	Band II/RMC	2	Bottom	9538	1907.6	22.87	0.01	23.5	0.412	1.156	0.476
	Band IV/RMC	3	Front	1312	1712.4	23.19	0.01	23.5	0.134	1.074	0.144
	Band IV/RMC	3	Back	1312	1712.4	23.19	0.11	23.5	0.165	1.074	0.177
	Band IV/RMC	3	Left	1312	1712.4	23.19	-0.02	23.5	0.036	1.074	0.039
	Band IV/RMC	3	Top	1312	1712.4	23.19	0.03	23.5	0.023	1.074	0.025
	Band IV/RMC	2	Front	1513	1752.6	23.00	0.01	23.5	0.224	1.122	0.251
21	Band IV/RMC	2	Back	1513	1752.6	23.00	0.13	23.5	0.303	1.122	0.340
	Band IV/RMC	2	Left	1513	1752.6	23.00	0.01	23.5	0.005	1.122	0.006
	Band IV/RMC	2	Right	1513	1752.6	23.00	-0.03	23.5	0.008	1.122	0.009
	Band IV/RMC	2	Bottom	1513	1752.6	23.00	0.05	23.5	0.234	1.122	0.263
	Band V/RMC	3	Front	4183	836.6	23.64	-0.01	24.0	0.166	1.086	0.180
22	Band V/RMC	3	Back	4183	836.6	23.64	0.13	24.0	0.232	1.086	0.252
	Band V/RMC	3	Left	4183	836.6	23.64	0.19	24.0	0.046	1.086	0.050
	Band V/RMC	3	Top	4183	836.6	23.64	0.05	24.0	0.132	1.086	0.143
	Band V/RMC	2	Front	4132	826.4	23.63	-0.10	24.0	0.090	1.089	0.098
	Band V/RMC	2	Back	4132	826.4	23.63	-0.08	24.0	0.136	1.089	0.148
	Band V/RMC	2	Left	4132	826.4	23.63	-0.05	24.0	0.058	1.089	0.063
	Band V/RMC	2	Right	4132	826.4	23.63	0.06	24.0	0.075	1.089	0.082
	Band V/RMC	2	Bottom	4132	826.4	23.63	0.02	24.0	0.145	1.089	0.158
ANSI / IEEE C95.1 – SAFETY LIMIT Spatial Peak Uncontrolled Exposure/General Population						1.6 W/kg (mW/g) Averaged over 1g					

➤ FDD-LTE Band 2(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 _{1g} (W/kg)	Scaling Factor	Reported SAR _{1g} (W/kg)
	Band2/1RB#0	3	Front	19100	1900	24.40	0.02	24.5	0.198	1.023	0.203
	Band2/1RB#0	3	Back	19100	1900	24.40	0.17	24.5	0.276	1.023	0.282
	Band2/1RB#0	3	Left	19100	1900	24.40	-0.01	24.5	0.045	1.023	0.046
	Band2/1RB#0	3	Top	19100	1900	24.40	-0.01	24.5	0.037	1.023	0.038
	Band2/50%RB#49	3	Front	18900	1880	22.68	0.09	23.0	0.177	1.076	0.190
	Band2/50%RB#49	3	Back	18900	1880	22.68	-0.02	23.0	0.251	1.076	0.270
	Band2/50%RB#49	3	Left	18900	1880	22.68	-0.15	23.0	0.041	1.076	0.044
	Band2/50%RB#49	3	Top	18900	1880	22.68	0.09	23.0	0.034	1.076	0.037
	Band2/1RB#99	2	Front	18700	1860	23.97	0.00	24.0	0.357	1.007	0.359
23	Band2/1RB#99	2	Back	18700	1860	23.97	-0.05	24.0	0.595	1.007	0.599
	Band2/1RB#99	2	Left	18700	1860	23.97	0.02	24.0	0.008	1.007	0.008
	Band2/1RB#99	2	Right	18700	1860	23.97	0.02	24.0	0.016	1.007	0.016
	Band2/1RB#99	2	Bottom	18700	1860	23.97	0.06	24.0	0.451	1.007	0.454
	Band2/50%RB#0	2	Front	18900	1880	22.27	0.14	22.5	0.342	1.054	0.360
	Band2/50%RB#0	2	Back	18900	1880	22.27	0.07	22.5	0.564	1.054	0.594
	Band2/50%RB#0	2	Left	18900	1880	22.27	0.17	22.5	0.006	1.054	0.006
	Band2/50%RB#0	2	Right	18900	1880	22.27	0.01	22.5	0.014	1.054	0.015
	Band2/50%RB#0	2	Bottom	18900	1880	22.27	0.06	22.5	0.438	1.054	0.462
ANSI / IEEE C95.1 – SAFETY LIMIT						1.6 W/kg (mW/g)					
Spatial Peak											
Uncontrolled Exposure/General Population						Averaged over 1g					

➤ FDD-LTE Band 5(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 _{1g} (W/kg)	Scaling Factor	Reported SAR _{1g} (W/kg)
	Band5/1RB#24	3	Front	20525	836.5	24.24	0.02	24.5	0.178	1.062	0.189
24	Band5/1RB#24	3	Back	20525	836.5	24.24	-0.15	24.5	0.257	1.062	0.273
	Band5/1RB#24	3	Left	20525	836.5	24.24	0.15	24.5	0.052	1.062	0.055
	Band5/1RB#24	3	Top	20525	836.5	24.24	0.04	24.5	0.144	1.062	0.153
	Band5/50%RB#12	3	Front	20525	836.5	22.88	0.12	23.0	0.158	1.028	0.162
	Band5/50%RB#12	3	Back	20525	836.5	22.88	-0.04	23.0	0.236	1.028	0.243
	Band5/50%RB#12	3	Left	20525	836.5	22.88	0.20	23.0	0.045	1.028	0.046
	Band5/50%RB#12	3	Top	20525	836.5	22.88	-0.02	23.0	0.135	1.028	0.139
	Band5/1RB#49	2	Front	20525	836.5	24.12	-0.06	24.5	0.084	1.091	0.092
	Band5/1RB#49	2	Back	20525	836.5	24.12	0.01	24.5	0.121	1.091	0.132
	Band5/1RB#49	2	Left	20525	836.5	24.12	0.02	24.5	0.054	1.091	0.059
	Band5/1RB#49	2	Right	20525	836.5	24.12	0.20	24.5	0.071	1.091	0.077
	Band5/1RB#49	2	Bottom	20525	836.5	24.12	0.05	24.5	0.125	1.091	0.136
	Band5/50%RB#0	2	Front	20450	829	22.86	-0.16	23.0	0.079	1.033	0.082
	Band5/50%RB#0	2	Back	20450	829	22.86	0.18	23.0	0.114	1.033	0.118
	Band5/50%RB#0	2	Left	20450	829	22.86	0.15	23.0	0.049	1.033	0.051
	Band5/50%RB#0	2	Right	20450	829	22.86	-0.05	23.0	0.069	1.033	0.071
	Band5/50%RB#0	2	Bottom	20450	829	22.86	-0.08	23.0	0.116	1.033	0.120
ANSI / IEEE C95.1 – SAFETY LIMIT						1.6 W/kg (mW/g)					
Spatial Peak											
Uncontrolled Exposure/General Population						Averaged over 1g					

➤ 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 _{1g} (W/kg)	Scaling Factor	Reported SAR _{1g} (W/kg)
	Band7/1RB#0	3	Front	21100	2535	23.76	0.05	24.0	0.385	1.057	0.407
	Band7/1RB#0	3	Back	21100	2535	23.76	0.09	24.0	0.494	1.057	0.522
	Band7/1RB#0	3	Left	21100	2535	23.76	0.02	24.0	0.056	1.057	0.059
35	Band7/1RB#0	3	Top	21100	2535	23.76	0.04	24.0	0.510	1.057	0.539
	Band7/50%RB#0	3	Front	20850	2510	22.14	0.06	22.5	0.364	1.086	0.395
	Band7/50%RB#0	3	Back	20850	2510	22.14	-0.09	22.5	0.471	1.086	0.512
	Band7/50%RB#0	3	Left	20850	2510	22.14	-0.06	22.5	0.048	1.086	0.052
	Band7/50%RB#0	3	Top	20850	2510	22.14	0.18	22.5	0.485	1.086	0.527
	Band7/1RB#0	2	Front	20850	2510	23.05	-0.04	23.5	0.243	1.109	0.269
	Band7/1RB#0	2	Back	20850	2510	23.05	-0.03	23.5	0.415	1.109	0.460
	Band7/1RB#0	2	Left	20850	2510	23.05	0.02	23.5	0.006	1.109	0.007
	Band7/1RB#0	2	Right	20850	2510	23.05	-0.05	23.5	0.013	1.109	0.014
	Band7/1RB#0	2	Bottom	20850	2510	23.05	-0.01	23.5	0.158	1.109	0.175
	Band7/50%RB#49	2	Front	20850	2510	21.97	-0.13	22.0	0.224	1.007	0.226
	Band7/50%RB#49	2	Back	20850	2510	21.97	-0.18	22.0	0.387	1.007	0.390
	Band7/50%RB#49	2	Left	20850	2510	21.97	-0.05	22.0	0.005	1.007	0.005
	Band7/50%RB#49	2	Right	20850	2510	21.97	0.15	22.0	0.012	1.007	0.012
	Band7/50%RB#49	2	Bottom	20850	2510	21.97	-0.15	22.0	0.148	1.007	0.149
ANSI / IEEE C95.1 – SAFETY LIMIT						1.6 W/kg (mW/g)					
Spatial Peak											
Uncontrolled Exposure/General Population						Averaged over 1g					

➤ 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 _{1g} (W/kg)	Scaling Factor	Reported SAR _{1g} (W/kg)
	Band12/1RB#0	3	Front	23095	707.5	24.17	0.15	24.5	0.075	1.079	0.081
26	Band12/1RB#0	3	Back	23095	707.5	24.17	-0.08	24.5	0.118	1.079	0.127
	Band12/1RB#0	3	Left	23095	707.5	24.17	0.15	24.5	0.026	1.079	0.028
	Band12/1RB#0	3	Top	23095	707.5	24.17	-0.11	24.5	0.068	1.079	0.073
	Band12/50%RB#0	3	Front	23060	704	22.66	0.05	23.0	0.070	1.081	0.076
	Band12/50%RB#0	3	Back	23060	704	22.66	0.18	23.0	0.109	1.081	0.118
	Band12/50%RB#0	3	Left	23060	704	22.66	-0.13	23.0	0.022	1.081	0.024
	Band12/50%RB#0	3	Top	23060	704	22.66	-0.14	23.0	0.063	1.081	0.068
	Band12/1RB#24	2	Front	23095	707.5	24.05	0.03	24.5	0.046	1.109	0.051
	Band12/1RB#24	2	Back	23095	707.5	24.05	0.01	24.5	0.071	1.109	0.079
	Band12/1RB#24	2	Left	23095	707.5	24.05	0.11	24.5	0.026	1.109	0.029
	Band12/1RB#24	2	Right	23095	707.5	24.05	0.05	24.5	0.034	1.109	0.038
	Band12/1RB#24	2	Bottom	23095	707.5	24.05	0.12	24.5	0.060	1.109	0.067
	Band12/50%RB#12	2	Front	23095	707.5	22.67	-0.18	23.0	0.039	1.079	0.042
	Band12/50%RB#12	2	Back	23095	707.5	22.67	0.12	23.0	0.066	1.079	0.071
	Band12/50%RB#12	2	Left	23095	707.5	22.67	0.03	23.0	0.022	1.079	0.024
	Band12/50%RB#12	2	Right	23095	707.5	22.67	-0.10	23.0	0.031	1.079	0.033
	Band12/50%RB#12	2	Bottom	23095	707.5	22.67	-0.12	23.0	0.052	1.079	0.056
ANSI / IEEE C95.1 – SAFETY LIMIT						1.6 W/kg (mW/g)					
Spatial Peak											
Uncontrolled Exposure/General Population						Averaged over 1g					

➤ 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 _{1g} (W/kg)	Scaling Factor	D.C Factor	Reported SAR _{1g} (W/kg)
27	Band41/1RB#99	3	Front	41140	2645	23.49	0.02	23.5	0.165	1.002	1.008	0.167
	Band41/1RB#99	3	Back	41140	2645	23.49	0.03	23.5	0.439	1.002	1.008	0.443
	Band41/1RB#99	3	Left	41140	2645	23.49	0.20	23.5	0.055	1.002	1.008	0.056
	Band41/1RB#99	3	Top	41140	2645	23.49	0.08	23.5	0.200	1.002	1.008	0.202
	Band41/50%RB#49	3	Front	40640	2595	22.22	-0.03	22.5	0.154	1.067	1.008	0.166
	Band41/50%RB#49	3	Back	40640	2595	22.22	-0.01	22.5	0.410	1.067	1.008	0.441
	Band41/50%RB#49	3	Left	40640	2595	22.22	0.02	22.5	0.048	1.067	1.008	0.052
	Band41/50%RB#49	3	Top	40640	2595	22.22	0.04	22.5	0.187	1.067	1.008	0.201
	Band41/1RB#99	2	Front	41140	2645	23.54	0.03	24.0	0.162	1.112	1.008	0.182
	Band41/1RB#99	2	Back	41140	2645	23.54	0.05	24.0	0.287	1.112	1.008	0.322
	Band41/1RB#99	2	Left	41140	2645	23.54	0.09	24.0	0.004	1.112	1.008	0.004
	Band41/1RB#99	2	Right	41140	2645	23.54	-0.02	24.0	0.009	1.112	1.008	0.010
	Band41/1RB#99	2	Bottom	41140	2645	23.54	0.05	24.0	0.096	1.112	1.008	0.108
	Band41/50%RB#0	2	Front	41140	2645	22.29	-0.19	22.5	0.155	1.050	1.008	0.164
	Band41/50%RB#0	2	Back	41140	2645	22.29	0.16	22.5	0.268	1.050	1.008	0.284
	Band41/50%RB#0	2	Left	41140	2645	22.29	0.05	22.5	0.003	1.050	1.008	0.003
	Band41/50%RB#0	2	Right	41140	2645	22.29	0.00	22.5	0.008	1.050	1.008	0.008
	Band41/50%RB#0	2	Bottom	41140	2645	22.29	0.13	22.5	0.095	1.050	1.008	0.101
ANSI / IEEE C95.1 – SAFETY LIMIT												
Spatial Peak							1.6 W/kg (mW/g)					
Uncontrolled Exposure/General Population							Averaged over 1g					

➤ 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 _{1g} (W/kg)	Scaling Factor	Reported SAR _{1g} (W/kg)	
	Band66/1RB#99	3	Front	132072	1720	23.77	0.03	24.0	0.116	1.054	0.122	
	Band66/1RB#99	3	Back	132072	1720	23.77	-0.07	24.0	0.168	1.054	0.177	
	Band66/1RB#99	3	Left	132072	1720	23.77	-0.11	24.0	0.033	1.054	0.035	
	Band66/1RB#99	3	Top	132072	1720	23.77	-0.20	24.0	0.028	1.054	0.030	
	Band66/50%RB#49	3	Front	132072	1720	22.57	0.18	23.0	0.104	1.104	0.115	
	Band66/50%RB#49	3	Back	132072	1720	22.57	0.09	23.0	0.154	1.104	0.170	
	Band66/50%RB#49	3	Left	132072	1720	22.57	-0.07	23.0	0.021	1.104	0.023	
	Band66/50%RB#49	3	Top	132072	1720	22.57	-0.15	23.0	0.024	1.104	0.026	
	Band66/1RB#99	2	Front	132322	1745	23.52	0.01	24.0	0.245	1.117	0.274	
28	Band66/1RB#99	2	Back	132322	1745	23.52	-0.01	24.0	0.385	1.117	0.430	
	Band66/1RB#99	2	Left	132322	1745	23.52	-0.18	24.0	0.005	1.117	0.006	
	Band66/1RB#99	2	Right	132322	1745	23.52	-0.20	24.0	0.012	1.117	0.013	
	Band66/1RB#99	2	Bottom	132322	1745	23.52	0.17	24.0	0.278	1.117	0.311	
	Band66/50%RB#0	2	Front	132572	1770	22.35	-0.07	22.5	0.232	1.035	0.240	
	Band66/50%RB#0	2	Back	132572	1770	22.35	0.04	22.5	0.369	1.035	0.382	
	Band66/50%RB#0	2	Left	132572	1770	22.35	0.13	22.5	0.005	1.035	0.005	
	Band66/50%RB#0	2	Right	132572	1770	22.35	0.00	22.5	0.010	1.035	0.010	
	Band66/50%RB#0	2	Bottom	132572	1770	22.35	0.00	22.5	0.256	1.035	0.265	
ANSI / IEEE C95.1 – SAFETY LIMIT												
Spatial Peak							1.6 W/kg (mW/g)					
Uncontrolled Exposure/General Population							Averaged over 1g					

> 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 _{1g} (W/kg)	Scaling Factor	D.C Factor	Reported SAR _{1g} (W/kg)
	2.4GHz/802.11b	1	Front	6	2437	17.43	0.04	17.5	0.137	1.016	1.000	0.139
29	2.4GHz/802.11b	1	Back	6	2437	17.43	-0.04	17.5	0.277	1.016	1.000	0.281
	2.4GHz/802.11b	1	Right	6	2437	17.43	0.02	17.5	0.042	1.016	1.000	0.043
	2.4GHz/802.11b	1	Top	6	2437	17.43	-0.05	17.5	0.197	1.016	1.000	0.200
ANSI / IEEE C95.1 – SAFETY LIMIT Spatial Peak Uncontrolled Exposure/General Population						1.6 W/kg (mW/g) Averaged over 1g						

> 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 _{1g} (W/kg)	Scaling Factor	D.C Factor	Reported SAR _{1g} (W/kg)
	5.2GHz/802.11a	4	Front	36	5180	14.25	0.05	14.5	0.086	1.059	1.000	0.091
30	5.2GHz/802.11a	4	Back	36	5180	14.25	0.00	14.5	0.167	1.059	1.000	0.177
	5.2GHz/802.11a	4	Right	36	5180	14.25	0.04	14.5	0.025	1.059	1.000	0.026
	5.2GHz/802.11a	4	Top	36	5180	14.25	0.00	14.5	0.102	1.059	1.000	0.108
ANSI / IEEE C95.1 – SAFETY LIMIT Spatial Peak Uncontrolled Exposure/General Population						1.6 W/kg (mW/g) Averaged over 1g						

> 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 _{1g} (W/kg)	Scaling Factor	D.C Factor	Reported SAR _{1g} (W/kg)
	5.8GHz/802.11a	4	Front	157	5785	14.59	0.01	15.0	0.056	1.099	1.000	0.062
33	5.8GHz/802.11a	4	Back	157	5785	14.59	0.07	15.0	0.094	1.099	1.000	0.103
	5.8GHz/802.11a	4	Right	157	5785	14.59	0.03	15.0	0.016	1.099	1.000	0.018
	5.8GHz/802.11a	4	Top	157	5785	14.59	0.02	15.0	0.063	1.099	1.000	0.069
ANSI / IEEE C95.1 – SAFETY LIMIT Spatial Peak Uncontrolled Exposure/General Population						1.6 W/kg (mW/g) Averaged over 1g						

> 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 _{1g} (W/kg)	Scaling Factor	D.C Factor	Reported SAR _{1g} (W/kg)
	BT/GFSK	1	Front	39	2441	8.19	0.03	8.5	0.004	1.074	1.000	0.004
34	BT/GFSK	1	Back	39	2441	8.19	-0.07	8.5	0.013	1.074	1.000	0.014
	BT/GFSK	1	Right	39	2441	8.19	-0.02	8.5	0.002	1.074	1.000	0.002
	BT/GFSK	1	Top	39	2441	8.19	0.05	8.5	0.009	1.074	1.000	0.010
ANSI / IEEE C95.1 – SAFETY LIMIT Spatial Peak Uncontrolled Exposure/General Population						1.6 W/kg (mW/g) Averaged over 1g						

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.

7. 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.
8. According to KDB 865664 D02v01r02, SAR plot is required for the highest measured SAR in each exposure configuration, wireless mode and frequency band combination.
9. Highlight part of test data means repeated test.
10. *: 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 DUT holder perturbation uncertainty evaluation

1. According to TCB workshop, Oct 2016:
When the highest reported SAR of an antenna is > 1.2 W/kg, holder perturbation verification is required for each antenna, using the highest SAR configuration among all applicable frequency bands.
2. When the highest reported SAR of an antenna is > 1.2 W/kg, holder perturbation verification is required for each antenna, using the highest SAR configuration among all applicable frequency bands.
3. According to IEC/IEEE 62209-1528 section R.2.2, When it is unknown if a device holder perturbs the fields of a test device, the SAR uncertainty shall be assessed with a flat phantom (see Clause 5) by comparing the SAR with and without the device holder according to the following tests:
 - a) With device holder: 1 g or 10 g peak spatial-average SAR is measured with the handset fixed in the holder in a manner similar to the way it was held when tested for the head SAR position. The handset horizontal and vertical centerlines (see Clause 6) are aligned parallel to the bottom of the flat phantom and the device is in direct contact with the phantom. The test shall be performed with the antenna position and device operational configuration corresponding to that where the highest head SAR was previously measured for each frequency band.
 - b) Without device holder: 1 g or 10 g peak spatial-average SAR is measured with the handset placed on a low-loss foam block or support in the position identical to that tested with the device holder. The relative permittivity and loss tangent of the foam material shall be less than 1.2 and 10⁻⁵, respectively.

Test result:

Plot	Band/ Mode	Test Position	CH.	Freq. (MHz)	Test configuration	Measured SAR (W/kg) Averaged over 1g
36	GSM850/Voice	Front	251	848.8	With device holder	0.998
37	GSM850/Voice	Front	251	848.8	Without device holder	0.943

Note:

1. The plots of test result please check

The following equation is used to computed the SAR tolerance,

$$SAR_{tolerance} [\%] = 100 \times \left(\frac{SAR_{w/holder} - SAR_{w/o holder}}{SAR_{w/o holder}} \right)$$

Therefore, the SAR_{tolerance} = 100 × [(0.998-0.943)/ 0.943] = 5.83%.

15.5 Repeated SAR measurement

Band/ Mode	Test Position	CH.	Freq. (MHz)	Measured SAR (W/kg)				
				Original	1 st Repeated		2 nd Repeated	
					Value	Ratio	Value	Ratio
GSM850/Voice	Right Cheek	251	848.8	1.100	1.060	1.03	/	/
PCS1900/Voice	Right Cheek	512	1850.2	0.897	0.878	1.02	/	/
Band7/1RB#0	Right Tilted	21100	2535	0.850	0.837	1.02	/	/
ANSI / IEEE C95.1 – SAFETY LIMIT Spatial Peak Uncontrolled Exposure/General Population				1.6 W/kg (mW/g) Averaged over 1g				

Note:

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

15.6 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 ≤ 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.

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

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/5.2GHz/5.3GHz/5.6GHz/5.8GHz
		WWAN (Voice) + Bluetooth
	Body	WWAN (Data) + WLAN 2.4 GHz/5.2GHz/5.3GHz/5.6GHz/5.8GHz
		WWAN (Data) + Bluetooth
	Hotspot	WWAN (Data) + WLAN 2.4 GHz/5.2GHz/5.8GHz
WWAN (Data) + Bluetooth		

Note:

- WLAN 2.4GHz Band, WLAN 5.2GHz Band, WLAN 5.3GHz Band, WLAN 5.6GHz Band, WLAN 5.8GHz Band and Bluetooth cannot transmit simultaneously.
- WCDMA/LTE ANT3 and WCDMA/LTE ANT2 cannot transmit simultaneously.
- GSM/WCDMA/LTE shares the same antenna, and cannot transmit simultaneously.
- The Report SAR summation is calculated based on the same configuration and test position.
- Per KDB 447498 D04v01, simultaneous transmission SAR is compliant if,
 - Scalar SAR summation < 1.6 W/kg.
 - $SPLSR = (SAR_1 + SAR_2)^{1.5} / (min. \text{ separation distance, mm})$, 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
 - Simultaneously transmission SAR measurement, and the Reported multi-band SAR < 1.6 W/kg

15.7 SAR Simultaneous Transmission Analysis

➤ **Simultaneous Transmission**

Position		Standalone SAR(W/kg)				Σ SAR _{1g} (W/kg)		
		1	2	3	4	1+2	1+3	1+4
		WWAN	2.4G WLAN	5G WLAN	BT			
Head	Right Cheek	1.254	0.104	0.097	0.010	1.358	1.351	1.264
	Right Tilted	0.950	0.086	0.125	0.004	1.036	1.075	0.954
	Left Cheek	0.607	0.275	0.280	0.021	0.882	0.887	0.628
	Left Tilted	0.616	0.234	0.318	0.016	0.850	0.934	0.632
Body-worn	Front	0.476	0.139	0.091	0.004	0.615	0.567	0.480
	Back	0.599	0.281	0.177	0.014	0.880	0.776	0.613
Hotspot	Front	0.476	0.139	0.091	0.004	0.615	0.567	0.480
	Back	0.599	0.281	0.177	0.014	0.880	0.776	0.613
	Left	0.134	/	/	/	0.134	0.134	0.134
	Right	0.082	0.043	0.027	0.002	0.125	0.109	0.084
	Top	0.539	0.200	0.109	0.010	0.739	0.648	0.549
	Bottom	0.476	/	/	/	0.476	0.476	0.476

➤ **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.

15.8 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.

15.9 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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- [5]. FCC KDB 248227 D01 v02r02, “SAR GUIDANCE FOR IEEE 802.11 (Wi-Fi) TRANSMITTERS”, October 2015
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- [9]. FCC KDB 941225 D05 v02r05, “SAR EVALUATION CONSIDERATIONS FOR LTE DEVICES”, Dec 2015
- [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: 03.17.2024

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: $f = 750 \text{ MHz}$; $\sigma = 0.89 \text{ S/m}$; $\epsilon_r = 41.423$; $\rho = 1000 \text{ kg/m}^3$
 Phantom section: Flat Section

DASY5 Configuration:

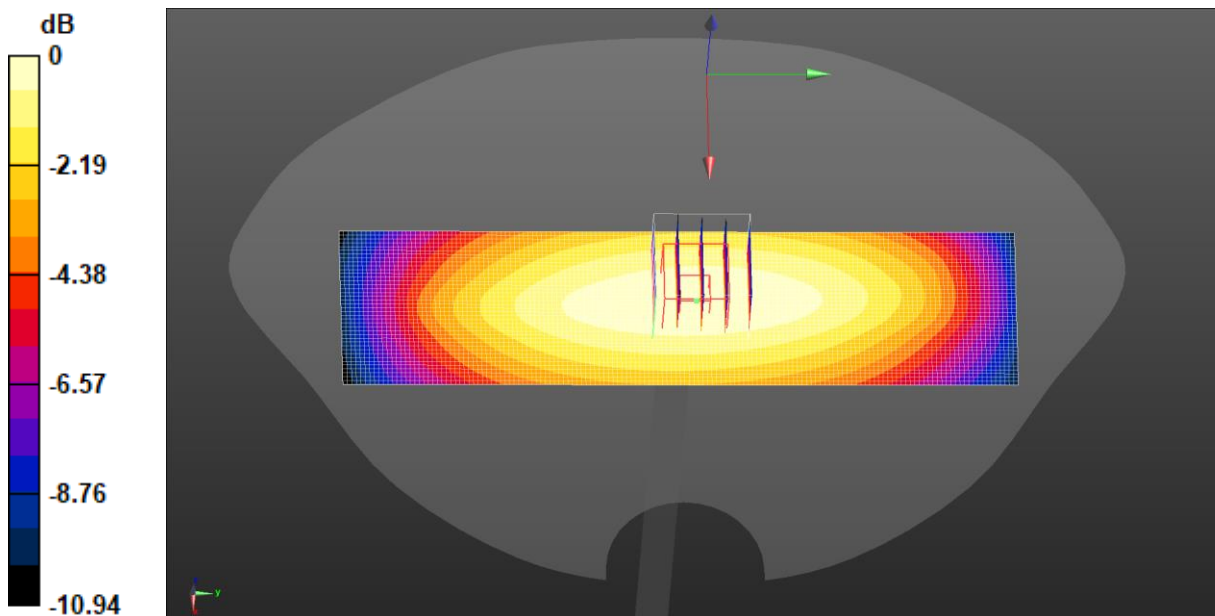
- Probe: EX3DV4 - SN7601; ConvF(10.71, 10.71, 10.71) @ 750 MHz; Calibrated: 01.29.2024
- Sensor-Surface: 1.4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1373; Calibrated: 11.27.2023
- Phantom: SAM-Twin; Type: QD 000 P40 CD; Serial: 1885
- Measurement SW: DASY52, Version 52.10 (4); SEMCAD X 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 = 34.65 V/m; Power Drift = -0.06 dB
 Peak SAR (extrapolated) = 1.12 W/kg
SAR(1 g) = 0.714 W/kg; SAR(10 g) = 0.442 W/kg
 Smallest distance from peaks to all points 3 dB below = 17.6 mm
 Ratio of SAR at M2 to SAR at M1 = 65.3%
 Maximum value of SAR (measured) = 0.958 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) = 0.977 W/kg



0 dB = 0.958 W/kg = -0.19 dBW/kg

Test Laboratory: JYTSZ

Date: 03.14.2024

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

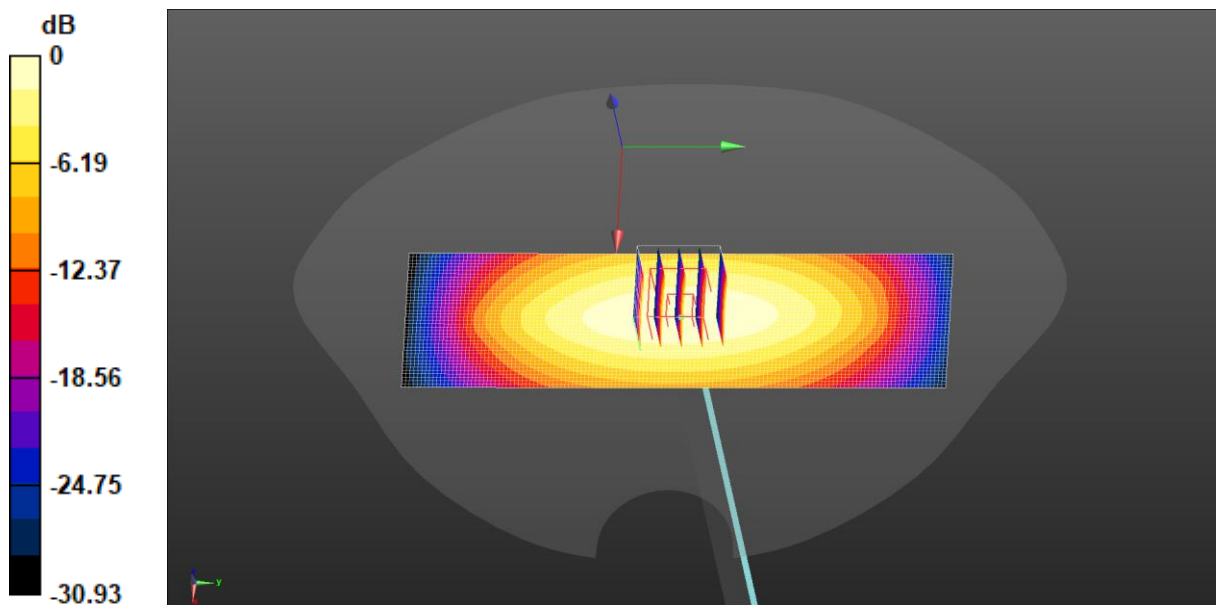
Communication System: UID 0, CW (0); Frequency: 835 MHz; Duty Cycle: 1:1
 Medium parameters used (interpolated): $f = 835 \text{ MHz}$; $\sigma = 0.917 \text{ S/m}$; $\epsilon_r = 41.175$; $\rho = 1000 \text{ kg/m}^3$
 Phantom section: Flat Section

DASY5 Configuration:

- Probe: EX3DV4 - SN7601; ConvF(10.3, 10.3, 10.3) @ 835 MHz; Calibrated: 01.29.2024
- Sensor-Surface: 1.4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1373; Calibrated: 11.27.2023
- Phantom: SAM-Twin; Type: QD 000 P40 CD; Serial: 1885
- 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: $dx=1.500 \text{ mm}$, $dy=1.500 \text{ mm}$
 Maximum value of SAR (interpolated) = 0.983 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: $dx=8\text{mm}$, $dy=8\text{mm}$, $dz=5\text{mm}$
 Reference Value = 34.72 V/m; Power Drift = 0.11 dB
 Peak SAR (extrapolated) = 1.21 W/kg
SAR(1 g) = 0.786 W/kg; SAR(10 g) = 0.525 W/kg
 Smallest distance from peaks to all points 3 dB below = 16.1 mm
 Ratio of SAR at M2 to SAR at M1 = 64.9%
 Maximum value of SAR (measured) = 0.981 W/kg



0 dB = 0.983 W/kg = -0.07 dBW/kg

Test Laboratory: JYTSZ

Date: 03.22.2024

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

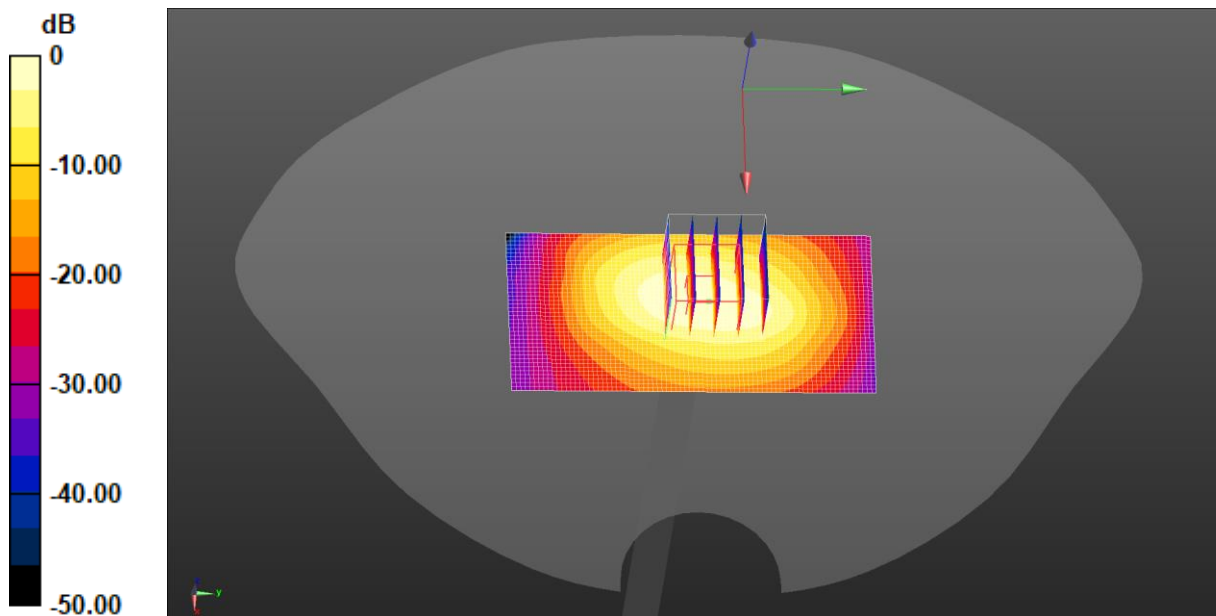
Communication System: UID 0, CW (0); Frequency: 1750 MHz; Duty Cycle: 1:1
 Medium parameters used: $f = 1750 \text{ MHz}$; $\sigma = 1.358 \text{ S/m}$; $\epsilon_r = 39.351$; $\rho = 1000 \text{ kg/m}^3$
 Phantom section: Flat Section

DASY5 Configuration:

- Probe: EX3DV4 - SN7601; ConvF(8.73, 8.73, 8.73) @ 1750 MHz; Calibrated: 01.29.2024
- Sensor-Surface: 1.4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1373; Calibrated: 11.27.2023
- Phantom: SAM-Twin; Type: QD 000 P40 CD; Serial: 1885
- 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) = 2.31 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 = 38.74 V/m; Power Drift = -0.04 dB
 Peak SAR (extrapolated) = 2.86 W/kg
SAR(1 g) = 1.49 W/kg; SAR(10 g) = 0.821 W/kg
 Smallest distance from peaks to all points 3 dB below = 9.6 mm
 Ratio of SAR at M2 to SAR at M1 = 52.1%
 Maximum value of SAR (measured) = 2.28 W/kg



0 dB = 2.31 W/kg = 3.64 dBW/kg

Test Laboratory: JYTSZ

Date: 03.22.2024

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

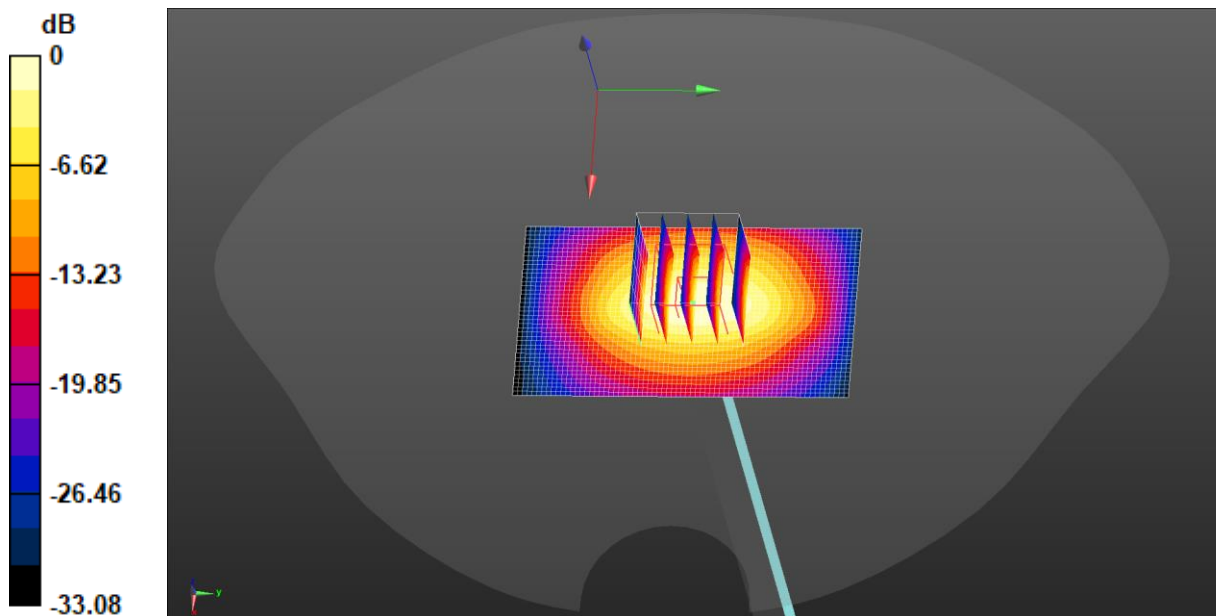
Communication System: UID 0, CW (0); Frequency: 1900 MHz; Duty Cycle: 1:1
 Medium parameters used: $f = 1900$ MHz; $\sigma = 1.443$ S/m; $\epsilon_r = 39.122$; $\rho = 1000$ kg/m³
 Phantom section: Flat Section

DASY5 Configuration:

- Probe: EX3DV4 - SN7601; ConvF(8.44, 8.44, 8.44) @ 1900 MHz; Calibrated: 01.29.2024
- Sensor-Surface: 1.4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1373; Calibrated: 11.27.2023
- Phantom: SAM-Twin; Type: QD 000 P40 CD; Serial: 1885
- 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) = 2.91 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 = 42.51 V/m; Power Drift = -0.18 dB
 Peak SAR (extrapolated) = 3.22 W/kg
SAR(1 g) = 1.62 W/kg; SAR(10 g) = 0.866 W/kg
 Smallest distance from peaks to all points 3 dB below = 9.6 mm
 Ratio of SAR at M2 to SAR at M1 = 50.3%
 Maximum value of SAR (measured) = 2.73 W/kg



0 dB = 2.91 W/kg = 4.64 dBW/kg

Test Laboratory: JYTSZ

Date: 03.27.2024

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

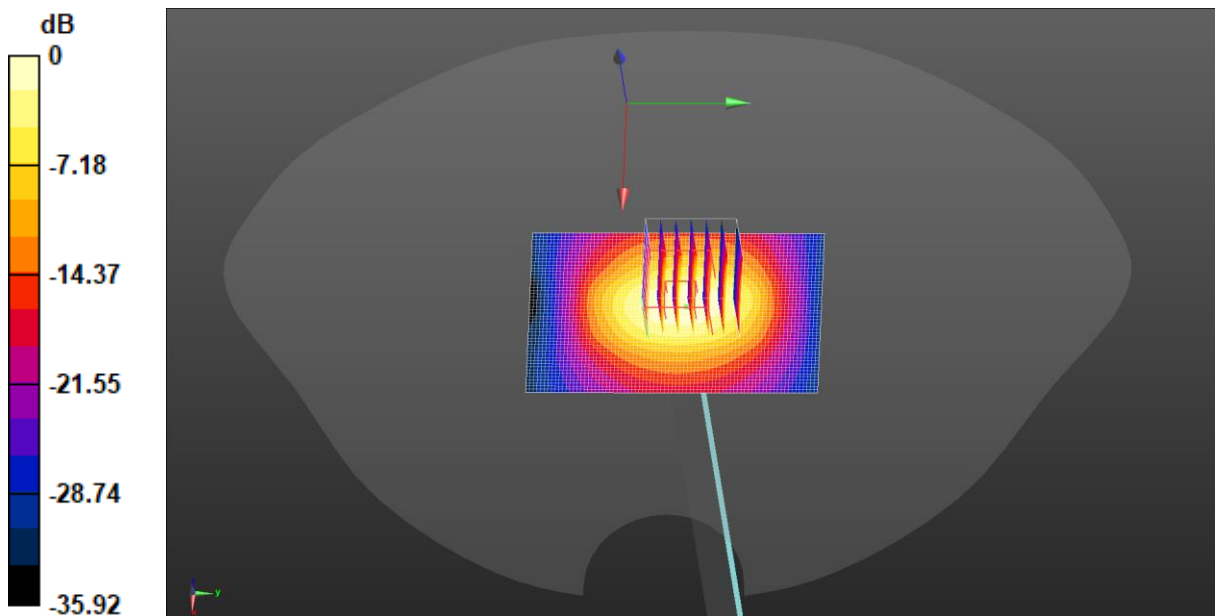
Communication System: UID 0, CW (0); Frequency: 2450 MHz; Duty Cycle: 1:1
 Medium parameters used: $f = 2450$ MHz; $\sigma = 1.823$ S/m; $\epsilon_r = 38.292$; $\rho = 1000$ kg/m³
 Phantom section: Flat Section

DASY5 Configuration:

- Probe: EX3DV4 - SN7601; ConvF(7.89, 7.89, 7.89) @ 2450 MHz; Calibrated: 01.29.2024
- Sensor-Surface: 1.4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1373; Calibrated: 11.27.2023
- Phantom: SAM-Twin; Type: QD 000 P40 CD; Serial: 1885
- 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) = 3.46 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 = 42.13 V/m; Power Drift = 0.07 dB
 Peak SAR (extrapolated) = 4.15 W/kg
SAR(1 g) = 2.08 W/kg; SAR(10 g) = 0.940 W/kg
 Smallest distance from peaks to all points 3 dB below = 8.9 mm
 Ratio of SAR at M2 to SAR at M1 = 50.1%
 Maximum value of SAR (measured) = 3.34 W/kg



0 dB = 3.34 W/kg = 5.24 dBW/kg

Test Laboratory: JYTSZ

Date: 03.08.2024

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; $\sigma = 1.946$ S/m; $\epsilon_r = 38.051$; $\rho = 1000$ kg/m³
 Phantom section: Flat Section

DASY5 Configuration:

- Probe: EX3DV4 - SN7601; ConvF(7.6, 7.6, 7.6) @ 2600 MHz; Calibrated: 01.29.2024
- Sensor-Surface: 1.4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1373; Calibrated: 11.27.2023
- Phantom: SAM-Twin; Type: QD 000 P40 CD; Serial: 1885
- 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 = 44.51 V/m; Power Drift = -0.09 dB

Peak SAR (extrapolated) = 4.68 W/kg

SAR(1 g) = 2.23 W/kg; SAR(10 g) = 0.983 W/kg

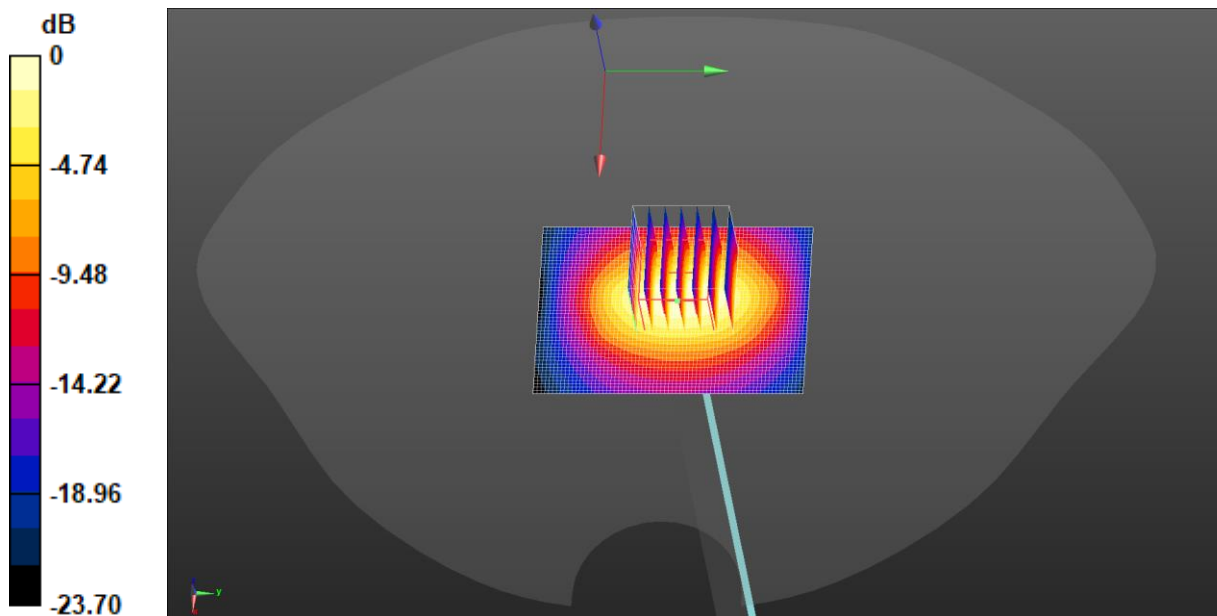
Smallest distance from peaks to all points 3 dB below = 9 mm

Ratio of SAR at M2 to SAR at M1 = 47.8%

Maximum value of SAR (measured) = 3.53 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) = 3.91 W/kg



0 dB = 3.53 W/kg = 5.48 dBW/kg

Test Laboratory: JYTSZ

Date: 03.10.2024

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; $\sigma = 4.578$ S/m; $\epsilon_r = 34.301$; $\rho = 1000$ kg/m³
 Phantom section: Flat Section

DASY5 Configuration:

- Probe: EX3DV4 - SN7601; ConvF(5.51, 5.51, 5.51) @ 5200 MHz; Calibrated: 01.29.2024
- Sensor-Surface: 1.4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1373; Calibrated: 11.27.2023
- Phantom: SAM-Twin; Type: QD 000 P40 CD; Serial: 1885
- Measurement SW: DASY52, Version 52.10 (4); SEMCAD X Version 14.6.14 (7501)

System Performance Check at Frequency5GHz 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) = 8.34 W/kg

System Performance Check at Frequency5GHz 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 = 40.03 V/m; Power Drift = 0.12 dB

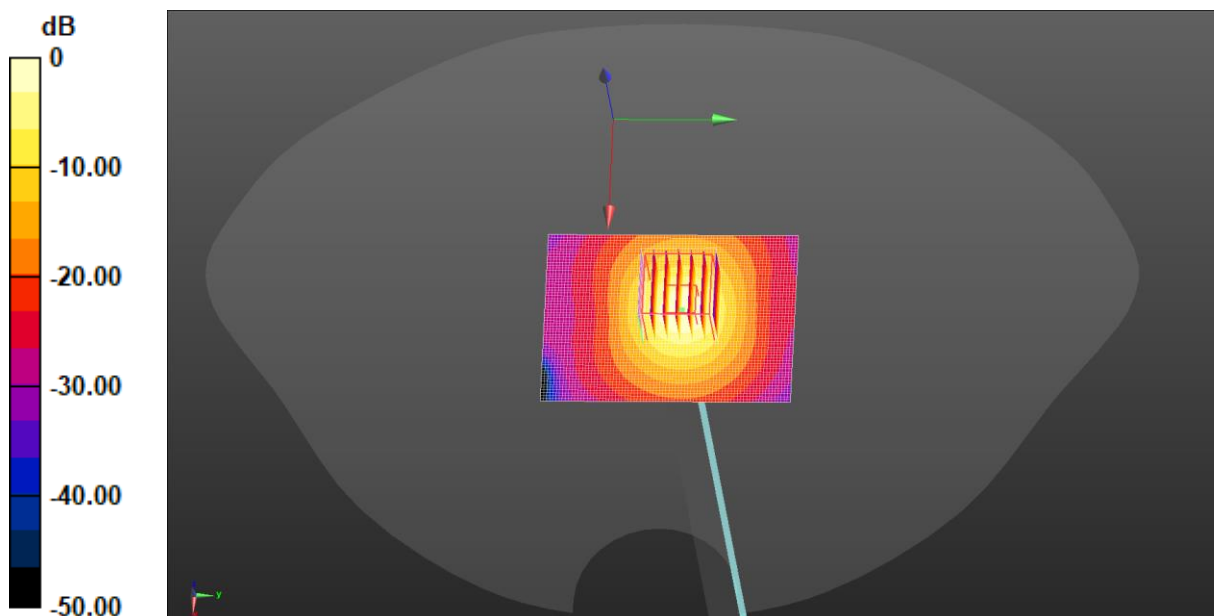
Peak SAR (extrapolated) = 12.8 W/kg

SAR(1 g) = 3.11 W/kg; SAR(10 g) = 0.924 W/kg

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

Ratio of SAR at M2 to SAR at M1 = 54.5%

Maximum value of SAR (measured) = 8.11 W/kg



0 dB = 8.11 W/kg = 9.09 dBW/kg

Test Laboratory: JYTSZ

Date: 03.29.2024

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; $\sigma = 4.74$ S/m; $\epsilon_r = 36.388$; $\rho = 1000$ kg/m³
 Phantom section: Flat Section

DASY5 Configuration:

- Probe: EX3DV4 - SN7601; ConvF(5.51, 5.51, 5.51) @ 5300 MHz; Calibrated: 01.29.2024
- Sensor-Surface: 1.4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1373; Calibrated: 11.27.2023
- Phantom: SAM-Twin; Type: QD 000 P40 CD; Serial: 1885
- 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) = 8.41 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 = 41.13 V/m; Power Drift = -0.09 dB

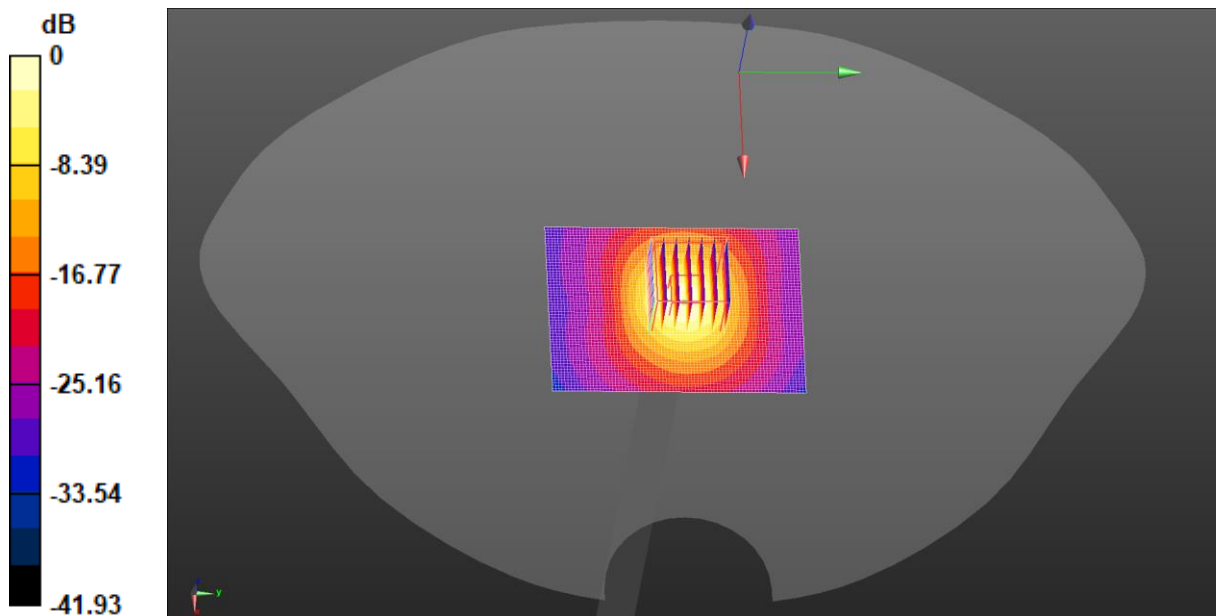
Peak SAR (extrapolated) = 13.1 W/kg

SAR(1 g) = 3.24 W/kg; SAR(10 g) = 0.937 W/kg

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

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

Maximum value of SAR (measured) = 8.14 W/kg



0 dB = 8.14 W/kg = 9.11 dBW/kg

Test Laboratory: JYTSZ

Date: 03.25.2024

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

Communication System: UID 0, CW (0); Frequency: 5600 MHz; Duty Cycle: 1:1
 Medium parameters used: $f = 5600 \text{ MHz}$; $\sigma = 5.047 \text{ S/m}$; $\epsilon_r = 36.045$; $\rho = 1000 \text{ kg/m}^3$
 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 Sn1373; Calibrated: 11.27.2023
- Phantom: SAM 5.0; Type: QD000P40CD; Serial: TP: 1885
- 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) = 8.52 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 = 45.04 V/m; Power Drift = 0.01 dB

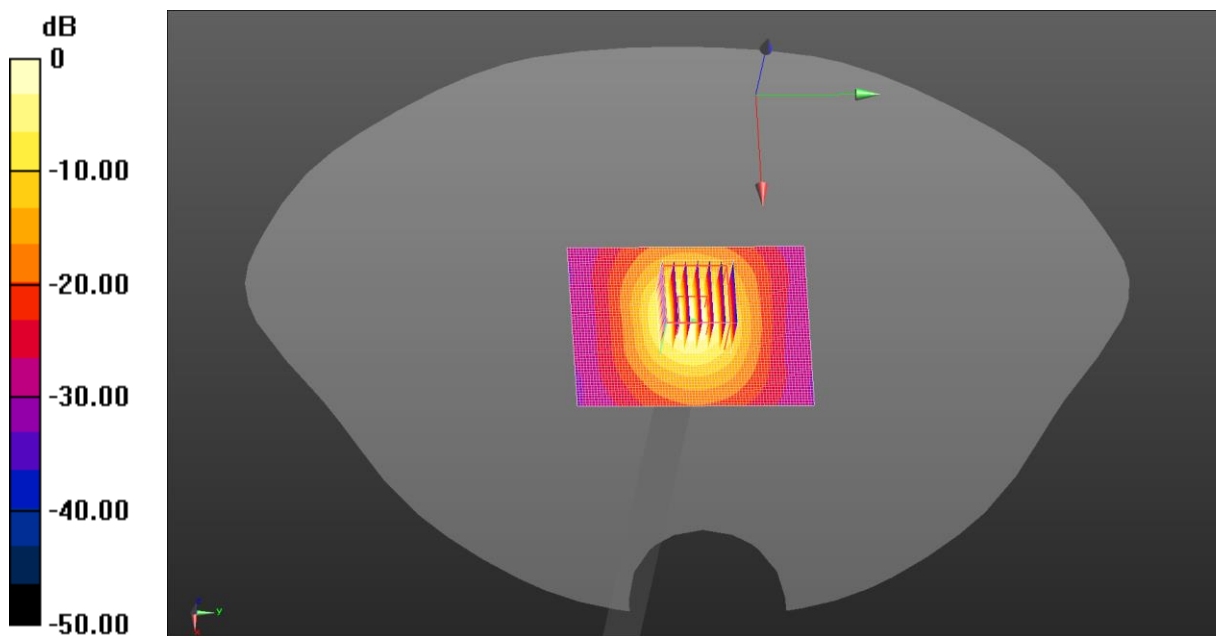
Peak SAR (extrapolated) = 14.1 W/kg

SAR(1 g) = 3.46 W/kg; SAR(10 g) = 0.941 W/kg

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

Ratio of SAR at M2 to SAR at M1 = 52.7%

Maximum value of SAR (measured) = 8.58 W/kg



$$0 \text{ dB} = 8.52 \text{ W/kg} = 9.30 \text{ dBW/kg}$$

Test Laboratory: JYTSZ

Date: 03.12.2024

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; $\sigma = 5.25$ S/m; $\epsilon_r = 35.817$; $\rho = 1000$ kg/m³
 Phantom section: Flat Section

DASY5 Configuration:

- Probe: EX3DV4 - SN7601; ConvF(5.01, 5.01, 5.01) @ 5800 MHz; Calibrated: 01.29.2024
- Sensor-Surface: 1.4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1373; Calibrated: 11.27.2023
- Phantom: SAM-Twin; Type: QD 000 P40 CD; Serial: 1885
- 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) = 8.38 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 = 38.85 V/m; Power Drift = -0.13 dB

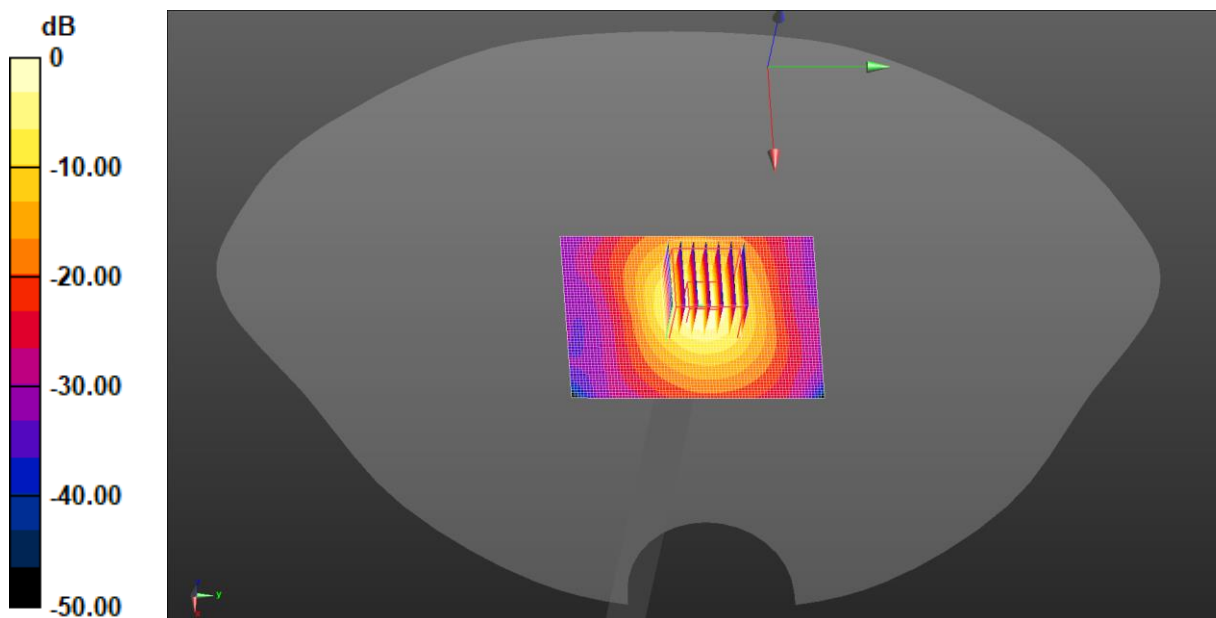
Peak SAR (extrapolated) = 14.6 W/kg

SAR(1 g) = 3.27 W/kg; SAR(10 g) = 0.928 W/kg

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

Ratio of SAR at M2 to SAR at M1 = 47.5%

Maximum value of SAR (measured) = 8.64 W/kg



0 dB = 8.64 W/kg = 9.37 dBW/kg

Appendix B: Plots of SAR Test Data

Test Laboratory: JYTSZ

Date: 03.14.2024

DUT: Mobile Phone; Type: BG6m; Serial: SZR012400068-3

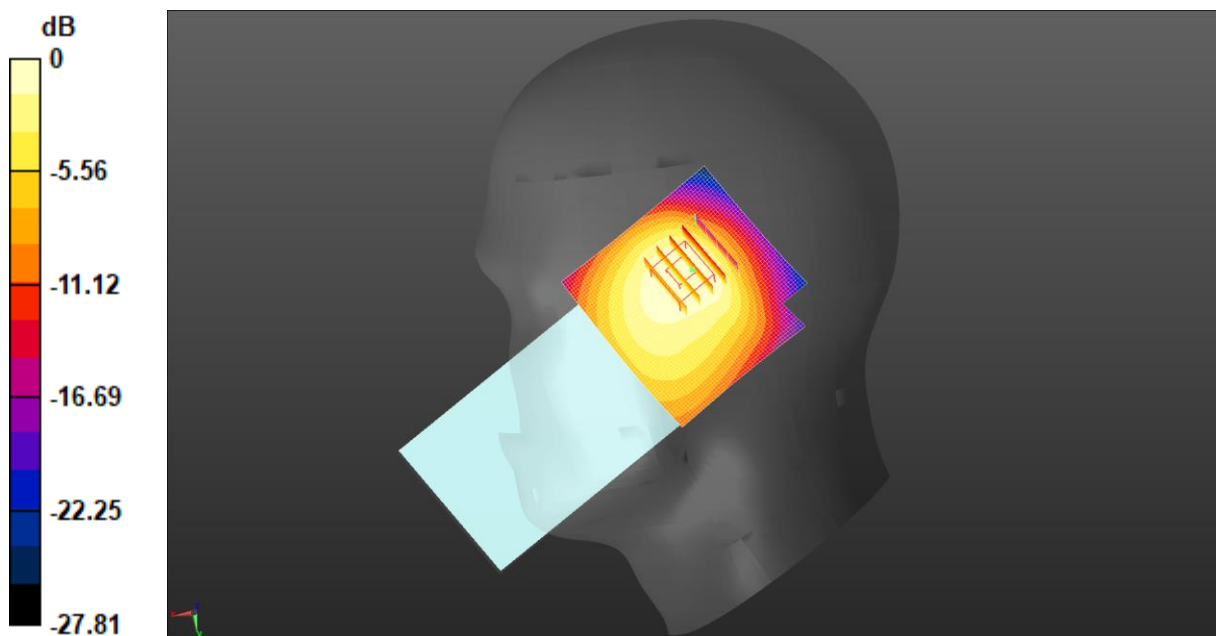
Communication System: UID 0, GSM (0); Frequency: 848.8 MHz; Duty Cycle: 1:8.30042
 Medium parameters used (interpolated): $f = 848.8$ MHz; $\sigma = 0.922$ S/m; $\epsilon_r = 41.148$; $\rho = 1000$ kg/m³
 Phantom section: Right Section

DASY5 Configuration:

- Probe: EX3DV4 - SN7601; ConvF(10.3, 10.3, 10.3) @ 848.8 MHz; Calibrated: 01.29.2024
- Sensor-Surface: 1.4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1373; Calibrated: 11.27.2023
- Phantom: SAM-Twin; Type: QD 000 P40 CD; Serial: 1885
- Measurement SW: DASY52, Version 52.10 (4); SEMCAD X Version 14.6.14 (7501)

GSM 850 Right Cheek/High Channel/Area Scan (61x61x1): Interpolated grid:
 $dx=1.500$ mm, $dy=1.500$ mm
 Maximum value of SAR (interpolated) = 2.03 W/kg

GSM 850 Right Cheek/High Channel/Zoom Scan (5x5x7)/Cube 0: Measurement grid: $dx=8$ mm, $dy=8$ mm, $dz=5$ mm
 Reference Value = 37.54 V/m; Power Drift = 0.02 dB
 Peak SAR (extrapolated) = 2.12 W/kg
SAR(1 g) = 1.1 W/kg; SAR(10 g) = 0.702 W/kg
 Smallest distance from peaks to all points 3 dB below = 9.6 mm
 Ratio of SAR at M2 to SAR at M1 = 57.9%
 Maximum value of SAR (measured) = 1.53 W/kg



0 dB = 1.53 W/kg = 1.85 dBW/kg

Test Laboratory: JYTSZ

Date: 03.22.2024

DUT: Mobile Phone; Type: BG6m; Serial: SZR012400068-3

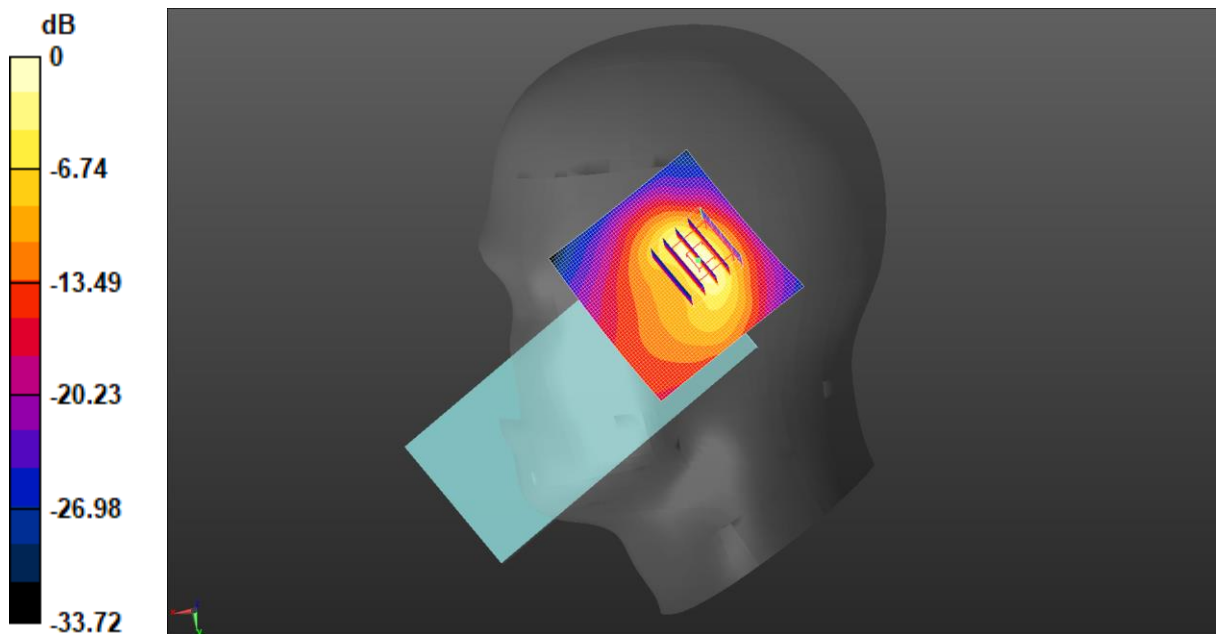
Communication System: UID 0, GSM (0); Frequency: 1850.2 MHz; Duty Cycle: 1:8.30042
 Medium parameters used (interpolated): $f = 1850.2$ MHz; $\sigma = 1.413$ S/m; $\epsilon_r = 39.186$; $\rho = 1000$ kg/m³
 Phantom section: Right Section

DASY5 Configuration:

- Probe: EX3DV4 - SN7601; ConvF(8.44, 8.44, 8.44) @ 1850.2 MHz; Calibrated: 01.29.2024
- Sensor-Surface: 1.4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1373; Calibrated: 11.27.2023
- Phantom: SAM-Twin; Type: QD 000 P40 CD; Serial: 1885
- 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) = 1.59 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 = 23.70 V/m; Power Drift = -0.01 dB
 Peak SAR (extrapolated) = 1.92 W/kg
SAR(1 g) = 0.897 W/kg; SAR(10 g) = 0.399 W/kg
 Smallest distance from peaks to all points 3 dB below = 5.8 mm
 Ratio of SAR at M2 to SAR at M1 = 47.4%
 Maximum value of SAR (measured) = 1.49 W/kg



0 dB = 1.59 W/kg = 2.02 dBW/kg

Test Laboratory: JYTSZ

Date: 03.22.2024

DUT: Mobile Phone; Type: BG6m; Serial: SZR012400068-3

Communication System: UID 0, UMTS-FDD(WCDMA) (0); Frequency: 1907.6 MHz; Duty Cycle: 1:1

Medium parameters used: $f = 1907.6$ MHz; $\sigma = 1.43$ S/m; $\epsilon_r = 39.146$; $\rho = 1000$ kg/m³

Phantom section: Right Section

DASY5 Configuration:

- Probe: EX3DV4 - SN7601; ConvF(8.44, 8.44, 8.44) @ 1907.6 MHz; Calibrated: 01.29.2024
- Sensor-Surface: 1.4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1373; Calibrated: 11.27.2023
- Phantom: SAM-Twin; Type: QD 000 P40 CD; Serial: 1885
- Measurement SW: DASY52, Version 52.10 (4); SEMCAD X Version 14.6.14 (7501)

WCDMA 1900 Right Tilted/High Channel/Area Scan (61x61x1): Interpolated grid: dx=1.500 mm, dy=1.500 mm

Maximum value of SAR (interpolated) = 0.819 W/kg

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

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

Reference Value = 18.83 V/m; Power Drift = -0.03 dB

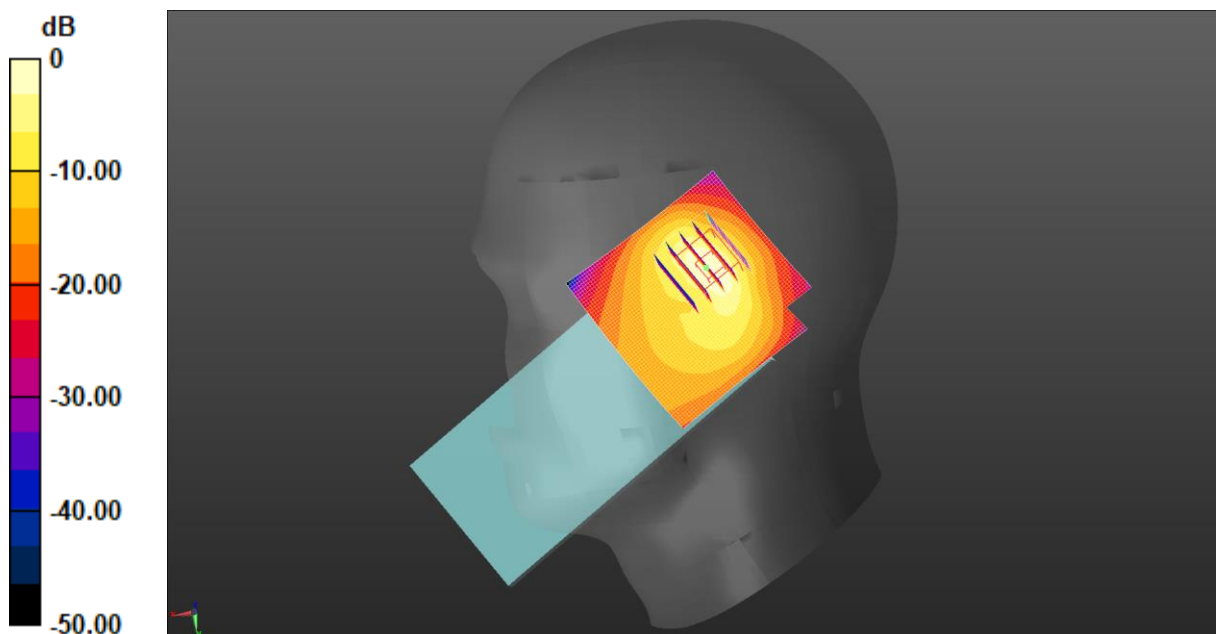
Peak SAR (extrapolated) = 1.04 W/kg

SAR(1 g) = 0.476 W/kg; SAR(10 g) = 0.208 W/kg

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

Ratio of SAR at M2 to SAR at M1 = 46.4%

Maximum value of SAR (measured) = 0.825 W/kg



0 dB = 0.819 W/kg = -0.86 dBW/kg

Test Laboratory: JYTSZ

Date: 03.22.2024

DUT: Mobile Phone; Type: BG6m; Serial: SZR012400068-3

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

Medium parameters used (interpolated): $f = 1712.4$ MHz; $\sigma = 1.347$ S/m; $\epsilon_r = 39.394$; $\rho = 1000$ kg/m³

Phantom section: Right Section

DASY5 Configuration:

- Probe: EX3DV4 - SN7601; ConvF(8.73, 8.73, 8.73) @ 1712.4 MHz; Calibrated: 01.29.2024
- Sensor-Surface: 1.4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1373; Calibrated: 11.27.2023
- Phantom: SAM-Twin; Type: QD 000 P40 CD; Serial: 1885
- 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) = 1.39 W/kg

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

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

Reference Value = 25.14 V/m; Power Drift = 0.02 dB

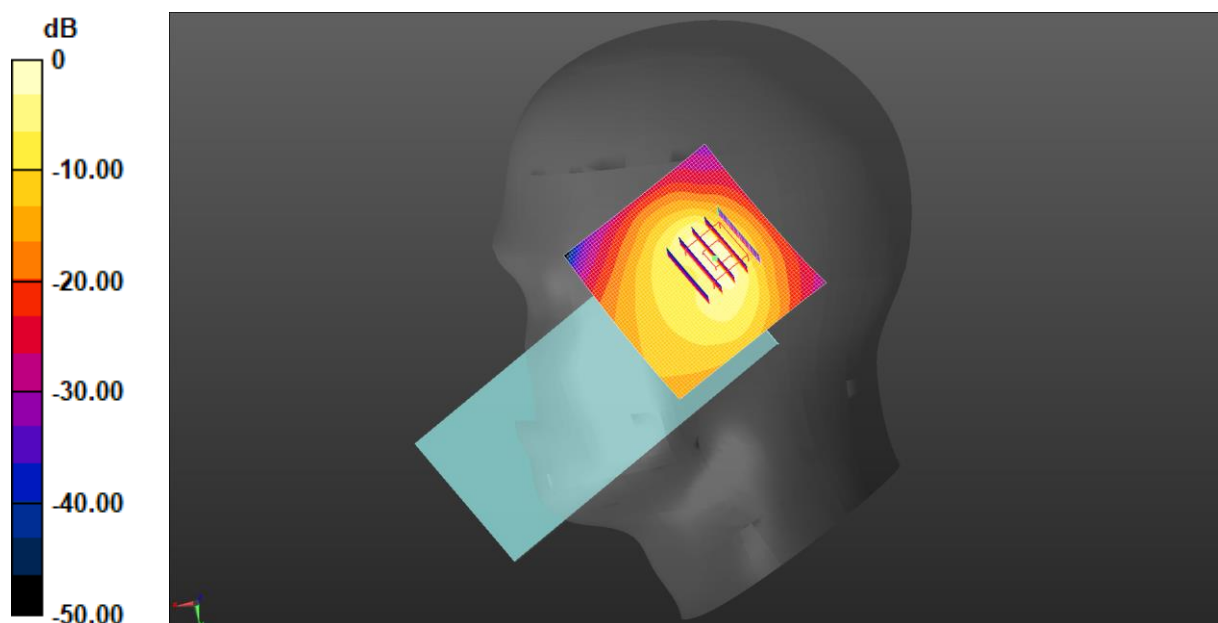
Peak SAR (extrapolated) = 1.60 W/kg

SAR(1 g) = 0.767 W/kg; SAR(10 g) = 0.353 W/kg

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

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

Maximum value of SAR (measured) = 1.31 W/kg



0 dB = 1.39 W/kg = 1.43 dBW/kg

Test Laboratory: JYTSZ

Date: 03.14.2024

DUT: Mobile Phone; Type: BG6m; Serial: SZR012400068-3

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

Medium parameters used (interpolated): $f = 836.6$ MHz; $\sigma = 0.918$ S/m; $\epsilon_r = 41.178$; $\rho = 1000$ kg/m³

Phantom section: Right Section

DASY5 Configuration:

- Probe: EX3DV4 - SN7601; ConvF(10.3, 10.3, 10.3) @ 836.6 MHz; Calibrated: 01.29.2024
- Sensor-Surface: 1.4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1373; Calibrated: 11.27.2023
- Phantom: SAM-Twin; Type: QD 000 P40 CD; Serial: 1885
- Measurement SW: DASY52, Version 52.10 (4); SEMCAD X Version 14.6.14 (7501)

WCDMA 850 Right Cheek/Middle Channel/Area Scan (61x61x1): Interpolated grid: dx=1.500 mm, dy=1.500 mm

Maximum value of SAR (interpolated) = 1.38 W/kg

WCDMA 850 Right Cheek/Middle Channel/Zoom Scan (5x5x7)/Cube 0:

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

Reference Value = 31.50 V/m; Power Drift = 0.10 dB

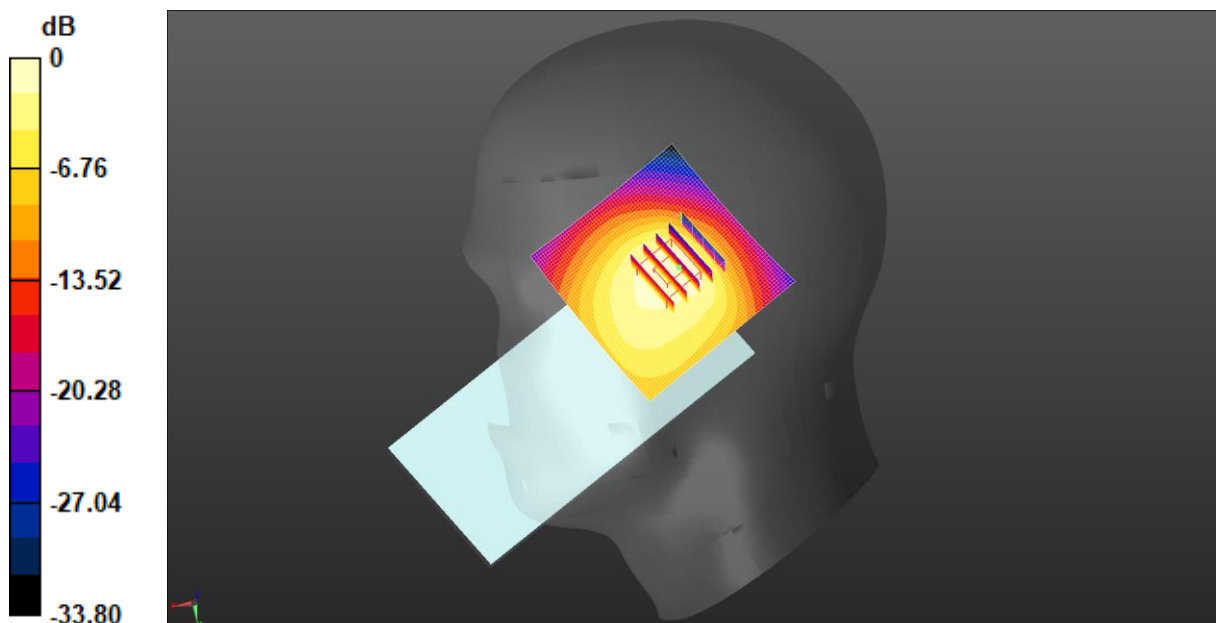
Peak SAR (extrapolated) = 1.53 W/kg

SAR(1 g) = 0.799 W/kg; SAR(10 g) = 0.501 W/kg

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

Ratio of SAR at M2 to SAR at M1 = 54.3%

Maximum value of SAR (measured) = 1.15 W/kg



0 dB = 1.38 W/kg = 1.41 dBW/kg

Test Laboratory: JYTSZ

Date: 03.22.2024

DUT: Mobile Phone; Type: BG6m; Serial: SZR012400068-3

Communication System: UID 0, LTE-Fdd(USA) 1RB QPSK (0); Frequency: 1900 MHz;Duty Cycle: 1:1

Medium parameters used: $f = 1900$ MHz; $\sigma = 1.443$ S/m; $\epsilon_r = 39.121$; $\rho = 1000$ kg/m³

Phantom section: Right Section

DASY5 Configuration:

- Probe: EX3DV4 - SN7601; ConvF(8.44, 8.44, 8.44) @ 1900 MHz; Calibrated: 01.29.2024
- Sensor-Surface: 1.4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1373; Calibrated: 11.27.2023
- Phantom: SAM-Twin; Type: QD 000 P40 CD; Serial: 1885
- Measurement SW: DASY52, Version 52.10 (4); SEMCAD X Version 14.6.14 (7501)

LTE Band 2 1RB(20MHz) Right Tilted/High Channel/Area Scan (61x61x1):

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

Maximum value of SAR (interpolated) = 0.905 W/kg

LTE Band 2 1RB(20MHz) Right Tilted/High Channel/Zoom Scan**(5x5x7)/Cube 0:** Measurement grid: dx=8mm, dy=8mm, dz=5mm

Reference Value = 19.31 V/m; Power Drift = 0.17 dB

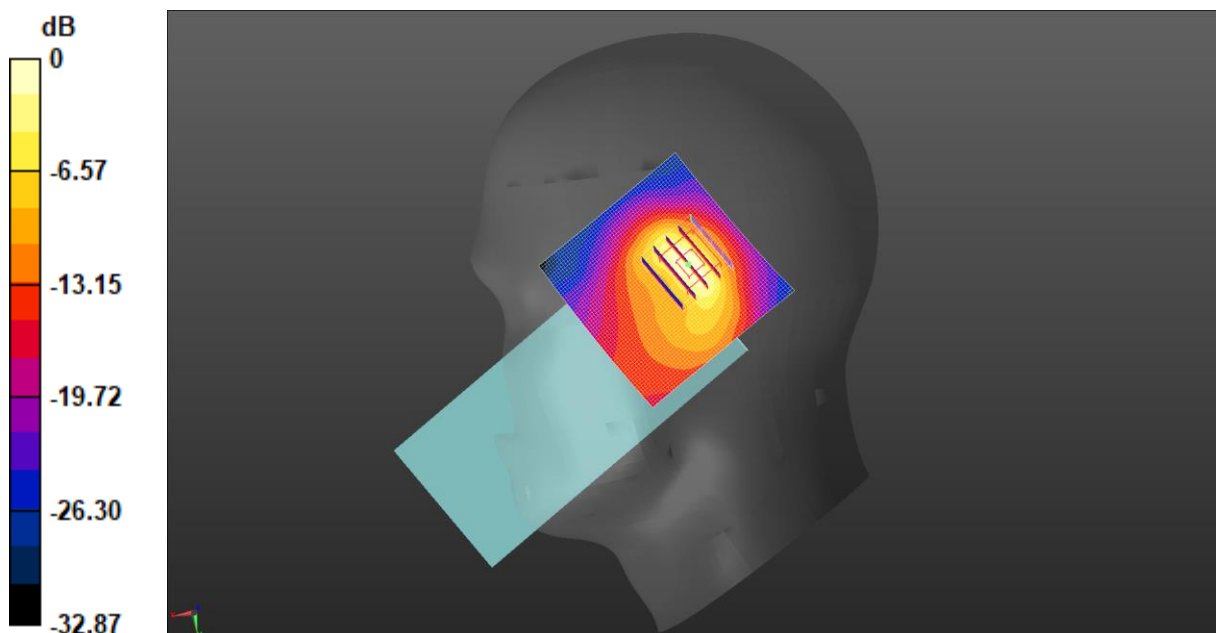
Peak SAR (extrapolated) = 1.13 W/kg

SAR(1 g) = 0.520 W/kg; SAR(10 g) = 0.228 W/kg

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

Ratio of SAR at M2 to SAR at M1 = 46.7%

Maximum value of SAR (measured) = 0.932 W/kg



0 dB = 0.905 W/kg = -0.43 dBW/kg

Test Laboratory: JYTSZ

Date: 03.14.2024

DUT: Mobile Phone; Type: BG6m; Serial: SZR012400068-3

Communication System: UID 0, LTE-Fdd(USA) 1RB QPSK (0); Frequency: 836.5 MHz; Duty Cycle: 1:1

Medium parameters used (interpolated): $f = 836.5$ MHz; $\sigma = 0.918$ S/m; $\epsilon_r = 41.179$; $\rho = 1000$ kg/m³

Phantom section: Right Section

DASY5 Configuration:

- Probe: EX3DV4 - SN7601; ConvF(10.3, 10.3, 10.3) @ 836.5 MHz; Calibrated: 01.29.2024
- Sensor-Surface: 1.4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1373; Calibrated: 11.27.2023
- Phantom: SAM-Twin; Type: QD 000 P40 CD; Serial: 1885
- Measurement SW: DASY52, Version 52.10 (4); SEMCAD X Version 14.6.14 (7501)

LTE Band 5 1RB(10MHz) Right Cheek/Middle Channel/Area Scan (61x61x1):

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

Maximum value of SAR (interpolated) = 1.37 W/kg

LTE Band 5 1RB(10MHz) Right Cheek/Middle Channel/Zoom Scan**(5x5x7)/Cube 0:** Measurement grid: dx=8mm, dy=8mm, dz=5mm

Reference Value = 30.52 V/m; Power Drift = -0.10 dB

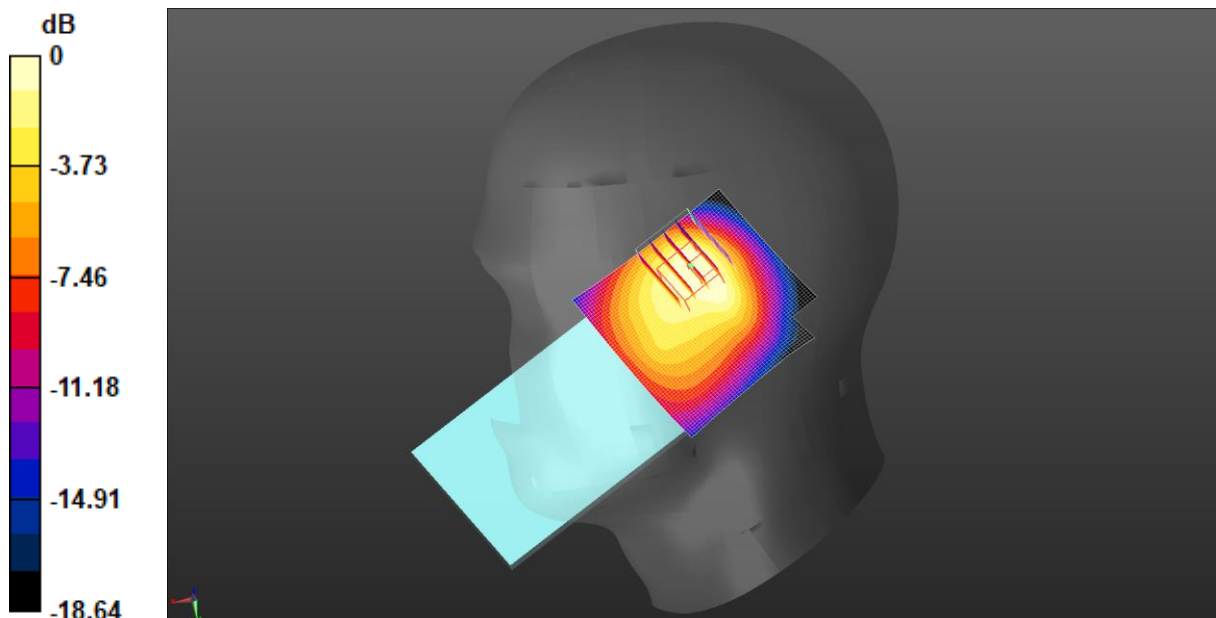
Peak SAR (extrapolated) = 1.51 W/kg

SAR(1 g) = 0.719 W/kg; SAR(10 g) = 0.450 W/kg

Smallest distance from peaks to all points 3 dB below = 10.3 mm

Ratio of SAR at M2 to SAR at M1 = 45%

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



0 dB = 1.13 W/kg = 0.53 dBW/kg

Test Laboratory: JYTSZ

Date: 03.08.2024

DUT: Mobile Phone; Type: BG6m; Serial: SZR012400068-3

Communication System: UID 0, LTE-Fdd(USA) 1RB QPSK (0); Frequency: 2535 MHz; Duty Cycle: 1:1

Medium parameters used (interpolated): $f = 2535 \text{ MHz}$; $\sigma = 1.892 \text{ S/m}$; $\epsilon_r = 38.15$; $\rho = 1000 \text{ kg/m}^3$

Phantom section: Right Section

DASY5 Configuration:

- Probe: EX3DV4 - SN7601; ConvF(7.89, 7.89, 7.89) @ 2535 MHz; Calibrated: 01.29.2024
- Sensor-Surface: 1.4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1373; Calibrated: 11.27.2023
- Phantom: SAM-Twin; Type: QD 000 P40 CD; Serial: 1885
- Measurement SW: DASY52, Version 52.10 (4); SEMCAD X Version 14.6.14 (7501)

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

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

Maximum value of SAR (interpolated) = 1.49 W/kg

LTE Band 7 1RB(20MHz) Right Tilted/Middle Channel/Zoom Scan

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

Reference Value = 9.443 V/m; Power Drift = 0.02 dB

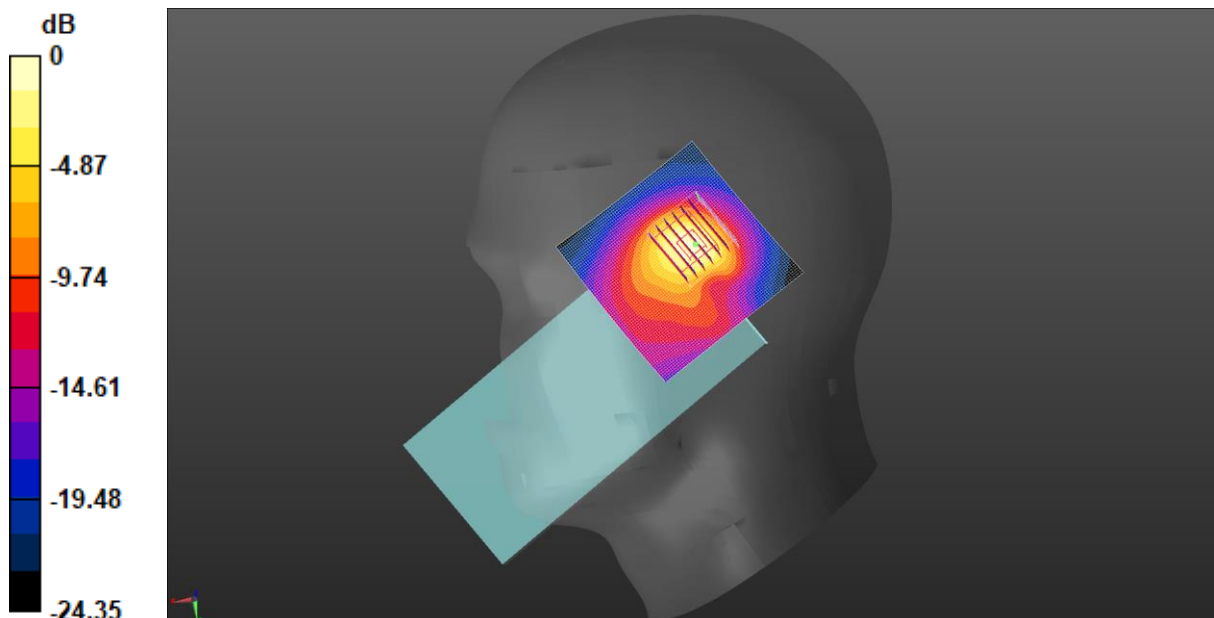
Peak SAR (extrapolated) = 2.03 W/kg

SAR(1 g) = 0.850 W/kg; SAR(10 g) = 0.375 W/kg

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

Ratio of SAR at M2 to SAR at M1 = 42.7%

Maximum value of SAR (measured) = 1.54 W/kg



0 dB = 1.49 W/kg = 1.73 dBW/kg

Test Laboratory: JYTSZ

Date: 03.17.2024

DUT: Mobile Phone; Type: BG6m; Serial: SZR012400068-3

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; $\sigma = 0.876$ S/m; $\epsilon_r = 41.549$; $\rho = 1000$ kg/m³

Phantom section: Right Section

DASY5 Configuration:

- Probe: EX3DV4 - SN7601; ConvF(10.71, 10.71, 10.71) @ 707.5 MHz; Calibrated: 01.29.2024
- Sensor-Surface: 1.4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1373; Calibrated: 11.27.2023
- Phantom: SAM-Twin; Type: QD 000 P40 CD; Serial: 1885
- Measurement SW: DASY52, Version 52.10 (4); SEMCAD X Version 14.6.14 (7501)

LTE Band 12 1RB(10MHz) Right Cheek/Middle Channel/Area Scan

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

Maximum value of SAR (interpolated) = 0.615 W/kg

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

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

Reference Value = 22.08 V/m; Power Drift = 0.13 dB

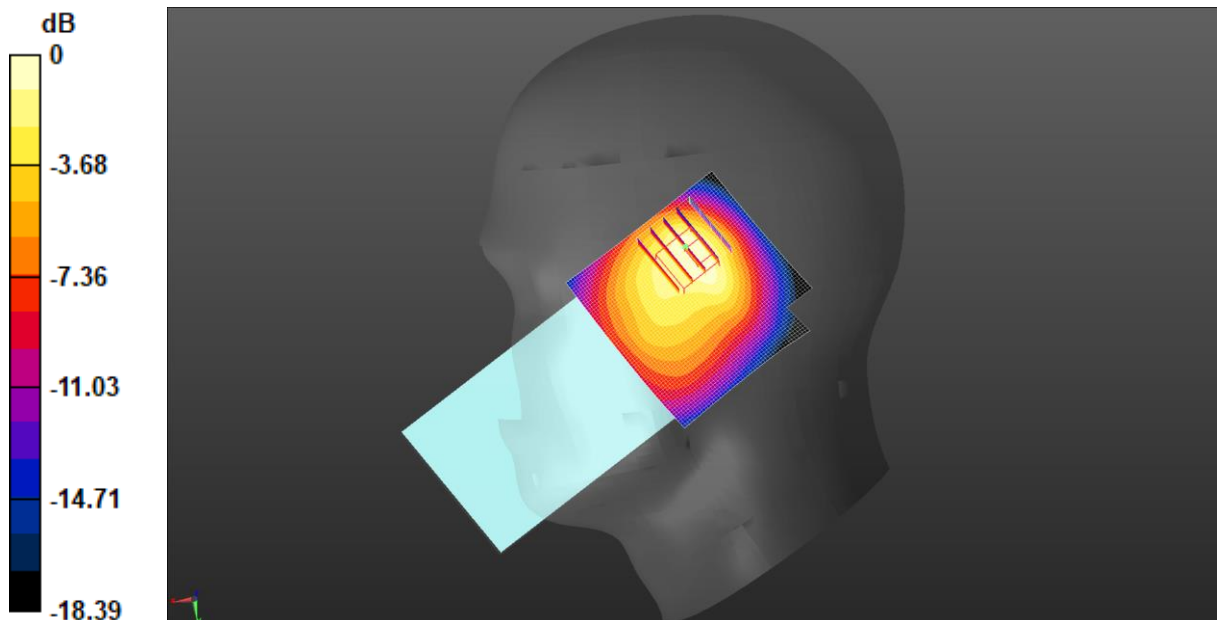
Peak SAR (extrapolated) = 0.862 W/kg

SAR(1 g) = 0.371 W/kg; SAR(10 g) = 0.229 W/kg

Smallest distance from peaks to all points 3 dB below = 9.3 mm

Ratio of SAR at M2 to SAR at M1 = 40.4%

Maximum value of SAR (measured) = 0.617 W/kg



$0 \text{ dB} = 0.617 \text{ W/kg} = -2.10 \text{ dBW/kg}$

Test Laboratory: JYTSZ

Date: 03.08.2024

DUT: Mobile Phone; Type: BG6m; Serial: SZR012400068-3

Communication System: UID 0, LTE-TDD(USA) 20MHz 1RB QPSK (0); Frequency: 2645 MHz; Duty Cycle: 1:1.59956
 Medium parameters used (interpolated): $f = 2645$ MHz; $\sigma = 1.942$ S/m; $\epsilon_r = 38.059$; $\rho = 1000$ kg/m³
 Phantom section: Right Section

DASY5 Configuration:

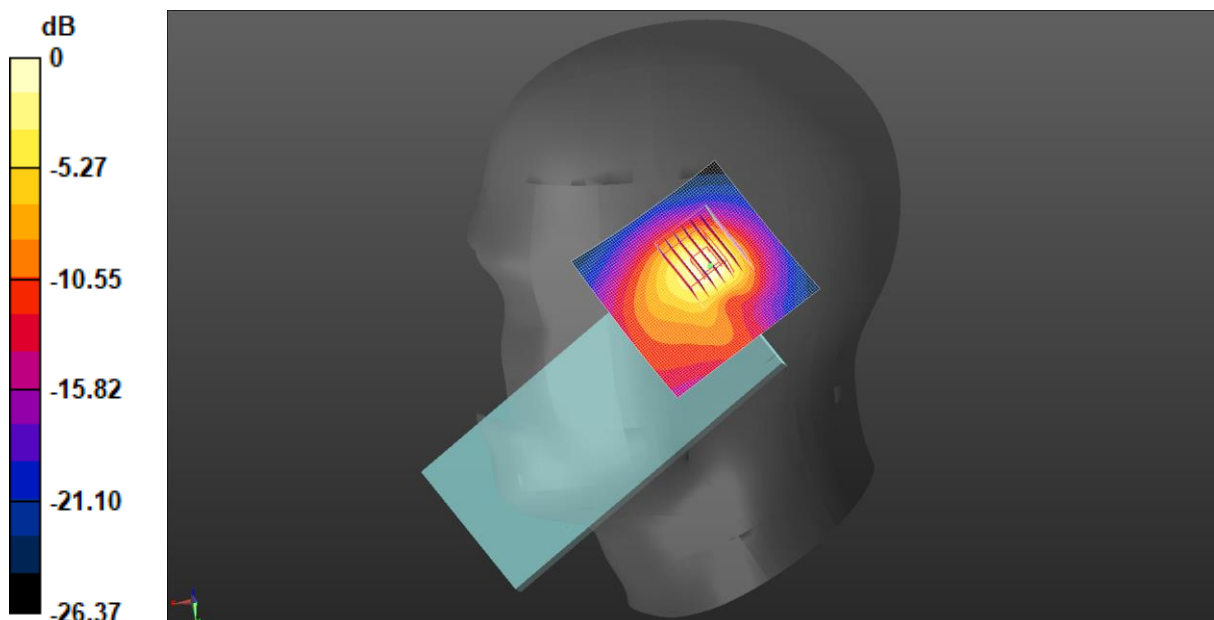
- Probe: EX3DV4 - SN7601; ConvF(7.6, 7.6, 7.6) @ 2645 MHz; Calibrated: 01.29.2024
- Sensor-Surface: 1.4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1373; Calibrated: 11.27.2023
- Phantom: SAM-Twin; Type: QD 000 P40 CD; Serial: 1885
- Measurement SW: DASY52, Version 52.10 (4); SEMCAD X Version 14.6.14 (7501)

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

Interpolated grid: dx=1.200 mm, dy=1.200 mm
 Maximum value of SAR (interpolated) = 1.30 W/kg

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

(7x7x7)/Cube 0: Measurement grid: dx=5mm, dy=5mm, dz=5mm
 Reference Value = 8.353 V/m; Power Drift = 0.03 dB
 Peak SAR (extrapolated) = 1.82 W/kg
SAR(1 g) = 0.761 W/kg; SAR(10 g) = 0.351 W/kg
 Smallest distance from peaks to all points 3 dB below = 8.6 mm
 Ratio of SAR at M2 to SAR at M1 = 40.9%
 Maximum value of SAR (measured) = 1.39 W/kg



0 dB = 1.30 W/kg = 1.15 dBW/kg

Test Laboratory: JYTSZ

Date: 03.22.2024

DUT: Mobile Phone; Type: BG6m; Serial: SZR012400068-3

Communication System: UID 0, LTE-Fdd(USA) 1RB QPSK (0); Frequency: 1720 MHz; Duty Cycle: 1:1

Medium parameters used (interpolated): $f = 1720$ MHz; $\sigma = 1.355$ S/m; $\epsilon_r = 39.364$; $\rho = 1000$ kg/m³

Phantom section: Right Section

DASY5 Configuration:

- Probe: EX3DV4 - SN7601; ConvF(8.73, 8.73, 8.73) @ 1720 MHz; Calibrated: 01.29.2024
- Sensor-Surface: 1.4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1373; Calibrated: 11.27.2023
- Phantom: SAM-Twin; Type: QD 000 P40 CD; Serial: 1885
- Measurement SW: DASY52, Version 52.10 (4); SEMCAD X Version 14.6.14 (7501)

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

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

Maximum value of SAR (interpolated) = 1.40 W/kg

LTE Band 66 1RB(20MHz) Right Tilted/Low Channel/Zoom Scan**(5x5x7)/Cube 0:** Measurement grid: dx=8mm, dy=8mm, dz=5mm

Reference Value = 25.77 V/m; Power Drift = -0.09 dB

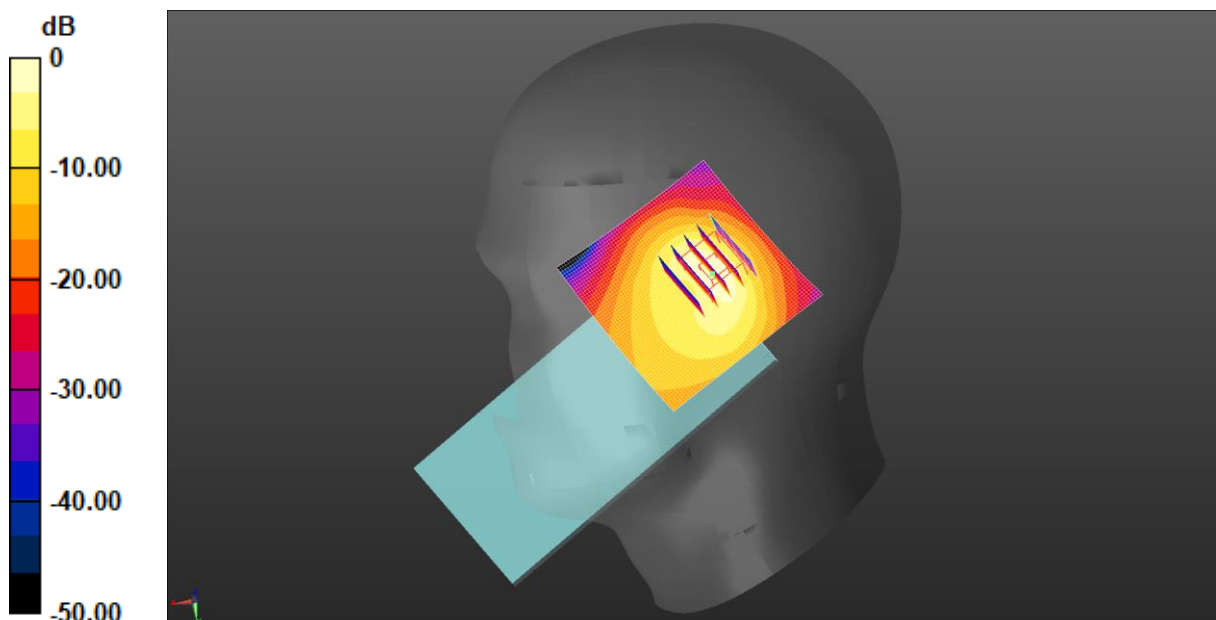
Peak SAR (extrapolated) = 1.52 W/kg

SAR(1 g) = 0.737 W/kg; SAR(10 g) = 0.340 W/kg

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

Ratio of SAR at M2 to SAR at M1 = 49.3%

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



0 dB = 1.40 W/kg = 1.47 dBW/kg

Test Laboratory: JYTSZ

Date: 03.27.2024

DUT: Mobile Phone; Type: BG6m; Serial: SZR012400068-3

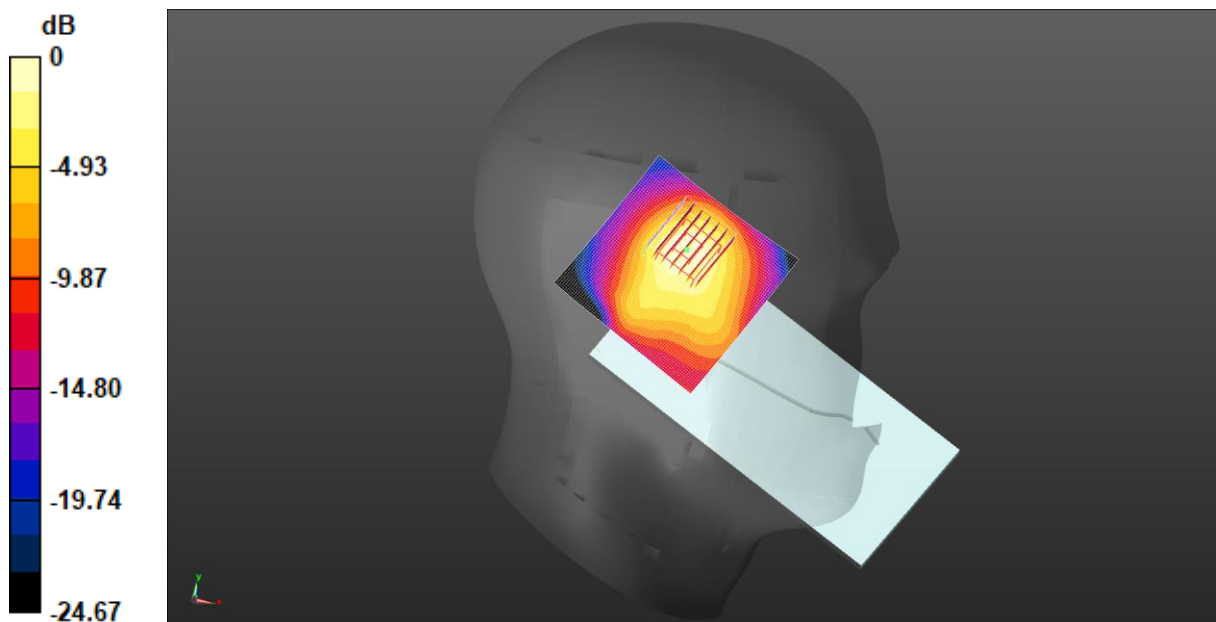
Communication System: UID 0, IEEE 802.11b WiFi 2.4 GHz (DSSS, 1 Mbps) (0);
Frequency: 2437 MHz; Duty Cycle: 1:1
Medium parameters used (interpolated): $f = 2437$ MHz; $\sigma = 1.814$ S/m; $\epsilon_r = 38.315$; $\rho = 1000$ kg/m³
Phantom section: Left Section

DASY5 Configuration:

- Probe: EX3DV4 - SN7601; ConvF(7.89, 7.89, 7.89) @ 2437 MHz; Calibrated: 01.29.2024
- Sensor-Surface: 1.4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1373; Calibrated: 11.27.2023
- Phantom: SAM-Twin; Type: QD 000 P40 CD; Serial: 1885
- 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) = 0.479 W/kg

2.4G WiFi Left Cheek/Middle Channel/Zoom Scan (7x7x7)/Cube 0:
Measurement grid: dx=5mm, dy=5mm, dz=5mm
Reference Value = 9.400 V/m; Power Drift = 0.03 dB
Peak SAR (extrapolated) = 0.544 W/kg
SAR(1 g) = 0.271 W/kg; SAR(10 g) = 0.142 W/kg
Smallest distance from peaks to all points 3 dB below = 10 mm
Ratio of SAR at M2 to SAR at M1 = 51.1%
Maximum value of SAR (measured) = 0.426 W/kg



0 dB = 0.426 W/kg = -3.71 dBW/kg

Test Laboratory: JYTSZ

Date: 03.10.2024

DUT: Mobile Phone; Type: BG6m; Serial: SZR012400068-3

Communication System: UID 0, IEEE 802.11a WiFi 5GHz (0); Frequency: 5180 MHz; Duty Cycle: 1:1

Medium parameters used: $f = 5180$ MHz; $\sigma = 4.617$ S/m; $\epsilon_r = 36.519$; $\rho = 1000$ kg/m³

Phantom section: Left Section

DASY5 Configuration:

- Probe: EX3DV4 - SN7601; ConvF(5.51, 5.51, 5.51) @ 5180 MHz; Calibrated: 01.29.2024
- Sensor-Surface: 1.4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1373; Calibrated: 11.27.2023
- Phantom: SAM-Twin; Type: QD 000 P40 CD; Serial: 1885
- Measurement SW: DASY52, Version 52.10 (4); SEMCAD X Version 14.6.14 (7501)

5.2G WiFi Left Tilted/Low Channel/Area Scan (81x81x1): Interpolated grid:

dx=1.000 mm, dy=1.000 mm

Maximum value of SAR (interpolated) = 0.669 W/kg

5.2G WiFi Left Tilted/Low Channel/Zoom Scan (7x7x12)/Cube 0: Measurement

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

Reference Value = 7.213 V/m; Power Drift = -0.00 dB

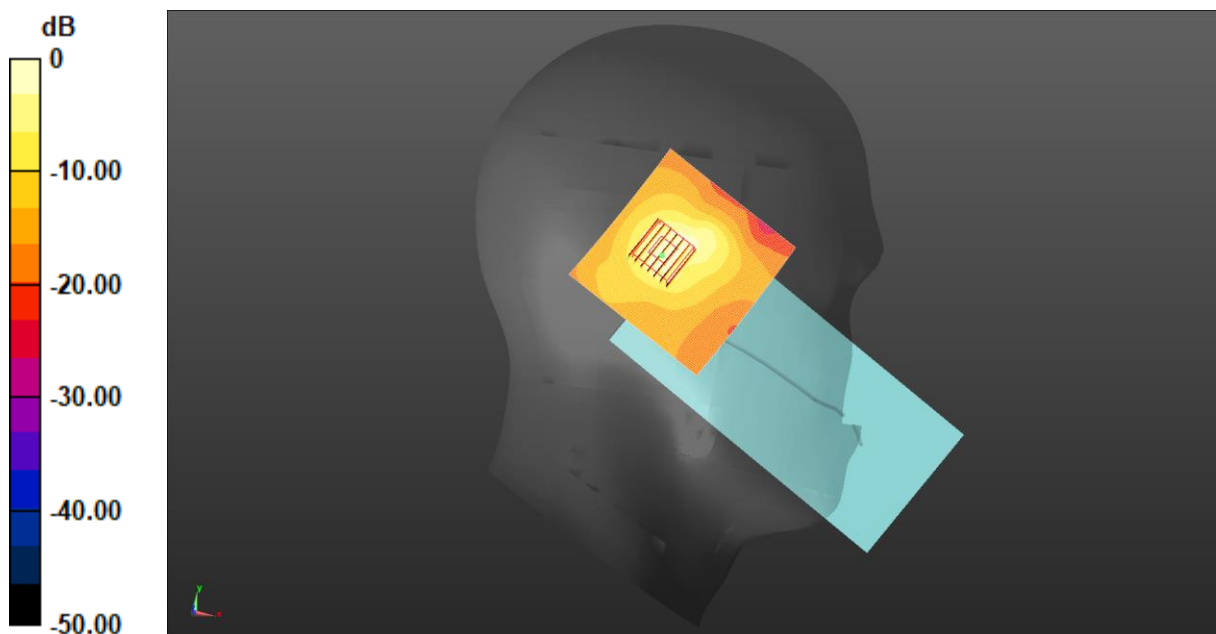
Peak SAR (extrapolated) = 1.20 W/kg

SAR(1 g) = 0.300 W/kg; SAR(10 g) = 0.098 W/kg

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

Ratio of SAR at M2 to SAR at M1 = 55.1%

Maximum value of SAR (measured) = 0.724 W/kg



0 dB = 0.724 W/kg = -1.40 dBW/kg

Test Laboratory: JYTSZ

Date: 03.29.2024

DUT: Mobile Phone; Type: BG6m; Serial: SZR012400068-3

Communication System: UID 0, IEEE 802.11a WiFi 5GHz (0); Frequency: 5260 MHz; Duty Cycle: 1:1

Medium parameters used: $f = 5260$ MHz; $\sigma = 4.699$ S/m; $\epsilon_r = 36.434$; $\rho = 1000$ kg/m³

Phantom section: Left Section

DASY5 Configuration:

- Probe: EX3DV4 - SN7601; ConvF(5.51, 5.51, 5.51) @ 5260 MHz; Calibrated: 01.29.2024
- Sensor-Surface: 1.4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1373; Calibrated: 11.27.2023
- Phantom: SAM-Twin; Type: QD 000 P40 CD; Serial: 1885
- Measurement SW: DASY52, Version 52.10 (4); SEMCAD X Version 14.6.14 (7501)

5.3G WiFi Left Tilted/Low Channel/Area Scan (81x81x1): Interpolated grid:

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

Maximum value of SAR (interpolated) = 0.663 W/kg

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

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

Reference Value = 6.103 V/m; Power Drift = 0.02 dB

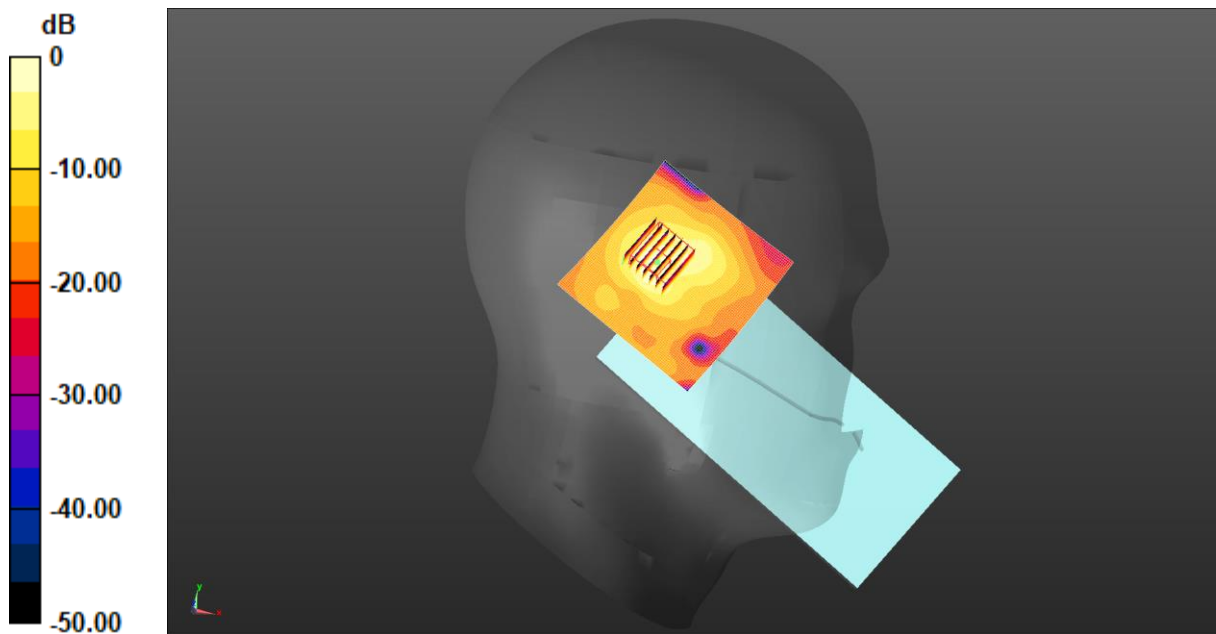
Peak SAR (extrapolated) = 1.17 W/kg

SAR(1 g) = 0.291 W/kg; SAR(10 g) = 0.094 W/kg

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

Ratio of SAR at M2 to SAR at M1 = 53.9%

Maximum value of SAR (measured) = 0.710 W/kg



0 dB = 0.710 W/kg = -1.49 dBW/kg

Test Laboratory: JYTSZ

Date: 03.25.2024

DUT: Mobile Phone; Type: BG6m; Serial: SZR012400068-3

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

Medium parameters used: $f = 5600 \text{ MHz}$; $\sigma = 5.149 \text{ S/m}$; $\epsilon_r = 35.931$; $\rho = 1000 \text{ kg/m}^3$

Phantom section: Left 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 Sn1373; Calibrated: 11.27.2023
- Phantom: SAM-Twin; Type: QD 000 P40 CD; Serial: 1885
- Measurement SW: DASY52, Version 52.10 (4); SEMCAD X Version 14.6.14 (7501)

5.6G WiFi Left Tilted/Middle Channel/Area Scan (81x81x1): Interpolated grid:

dx=1.000 mm, dy=1.000 mm

Maximum value of SAR (interpolated) = 0.564 W/kg

5.6G WiFi Left Tilted/Middle Channel/Zoom Scan (7x7x12)/Cube 0:

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

Reference Value = 7.524 V/m; Power Drift = -0.10 dB

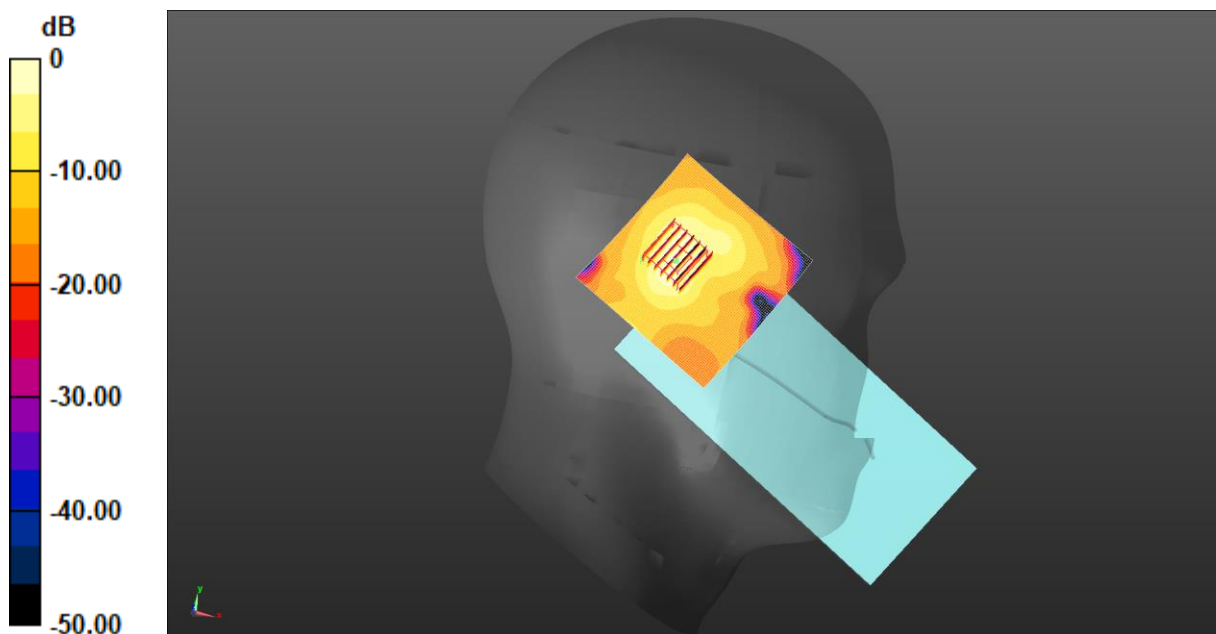
Peak SAR (extrapolated) = 0.926 W/kg

SAR(1 g) = 0.223 W/kg; SAR(10 g) = 0.073 W/kg

Smallest distance from peaks to all points 3 dB below = 6.3 mm

Ratio of SAR at M2 to SAR at M1 = 51.4%

Maximum value of SAR (measured) = 0.548 W/kg



0 dB = 0.548 W/kg = -2.61 dBW/kg

Test Laboratory: JYTSZ

Date: 03.12.2024

DUT: Mobile Phone; Type: BG6m; Serial: SZR012400068-3

Communication System: UID 0, IEEE 802.11a WiFi 5GHz (0); Frequency: 5785 MHz; Duty Cycle: 1:1

Medium parameters used (interpolated): $f = 5785$ MHz; $\sigma = 5.236$ S/m; $\epsilon_r = 35.834$; $\rho = 1000$ kg/m³

Phantom section: Left Section

DASY5 Configuration:

- Probe: EX3DV4 - SN7601; ConvF(5.01, 5.01, 5.01) @ 5785 MHz; Calibrated: 01.29.2024
- Sensor-Surface: 1.4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1373; Calibrated: 11.27.2023
- Phantom: SAM-Twin; Type: QD 000 P40 CD; Serial: 1885
- Measurement SW: DASY52, Version 52.10 (4); SEMCAD X Version 14.6.14 (7501)

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

dx=1.000 mm, dy=1.000 mm

Maximum value of SAR (interpolated) = 0.474 W/kg

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

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

Reference Value = 7.282 V/m; Power Drift = -0.08 dB

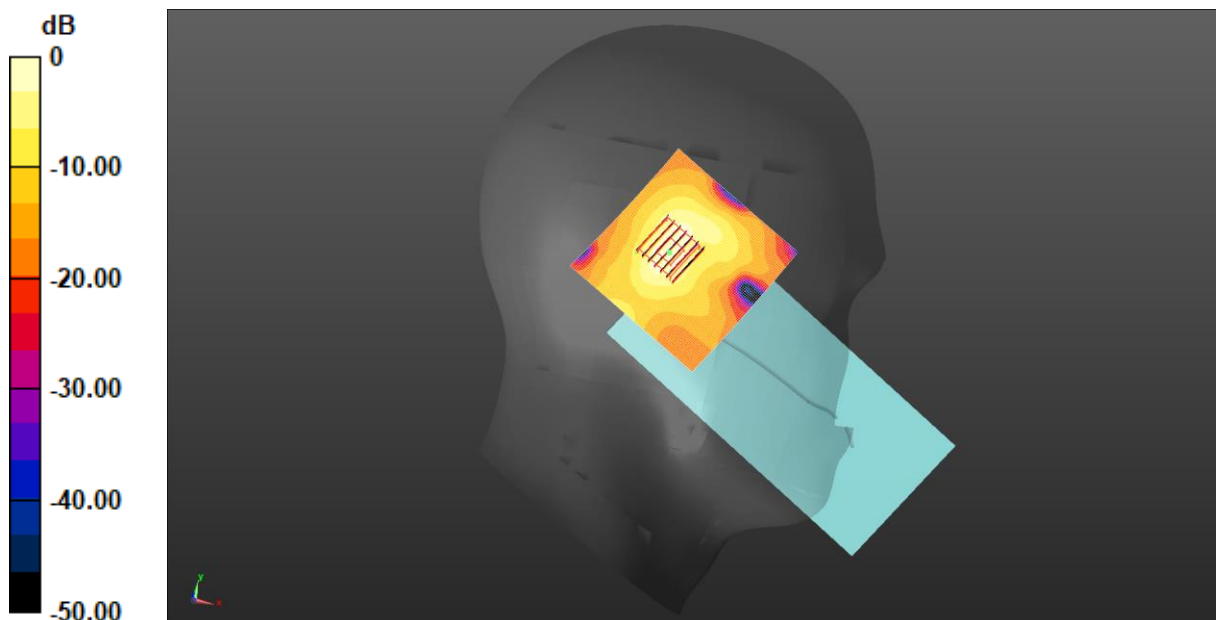
Peak SAR (extrapolated) = 0.787 W/kg

SAR(1 g) = 0.175 W/kg; SAR(10 g) = 0.056 W/kg

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

Ratio of SAR at M2 to SAR at M1 = 48.2%

Maximum value of SAR (measured) = 0.453 W/kg



0 dB = 0.453 W/kg = -3.44 dBW/kg

Test Laboratory: JYTSZ

Date: 03.27.2024

DUT: Mobile Phone; Type: BG6m; Serial: SZR012400068-3

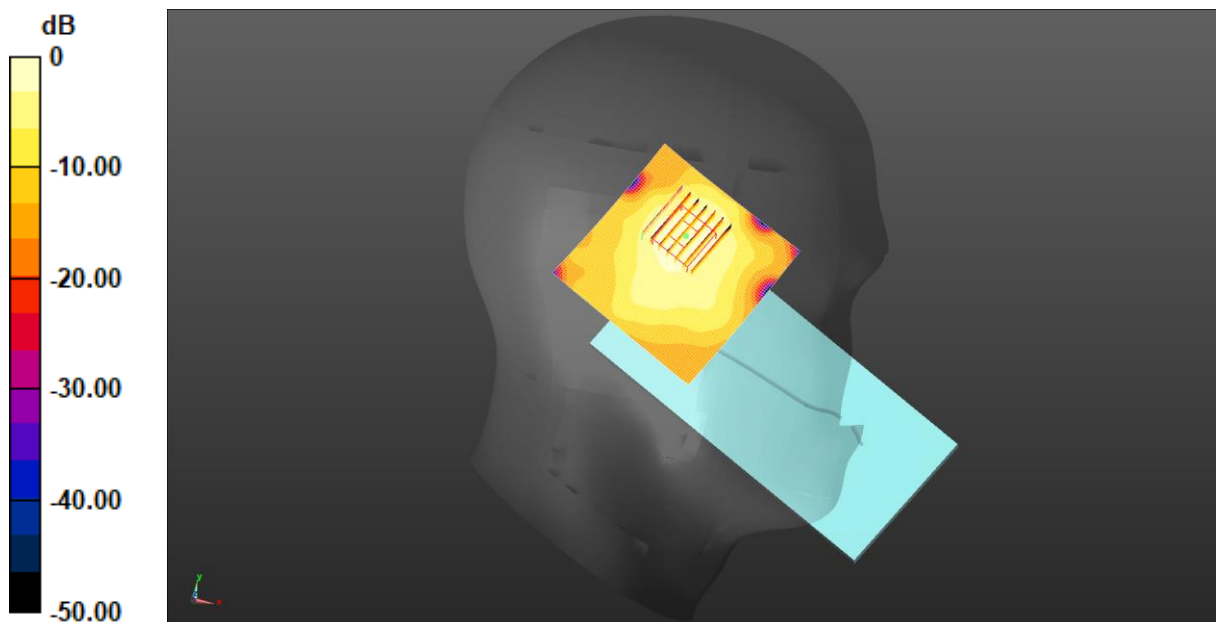
Communication System: UID 0, Bluetooth (0); Frequency: 2441 MHz; Duty Cycle: 1:1
 Medium parameters used (interpolated): $f = 2441$ MHz; $\sigma = 1.817$ S/m; $\epsilon_r = 38.308$; $\rho = 1000$ kg/m³
 Phantom section: Left Section

DASY5 Configuration:

- Probe: EX3DV4 - SN7601; ConvF(7.89, 7.89, 7.89) @ 2441 MHz; Calibrated: 01.29.2024
- Sensor-Surface: 1.4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1373; Calibrated: 11.27.2023
- Phantom: SAM-Twin; Type: QD 000 P40 CD; Serial: 1885
- Measurement SW: DASY52, Version 52.10 (4); SEMCAD X Version 14.6.14 (7501)

Bluetooth Left Cheek/Middle Channel/Area Scan (71x71x1): Interpolated grid:
 dx=1.200 mm, dy=1.200 mm
 Maximum value of SAR (interpolated) = 0.0342 W/kg

Bluetooth Left Cheek/Middle Channel/Zoom Scan (7x7x7)/Cube 0: Measurement grid: dx=5mm, dy=5mm, dz=5mm
 Reference Value = 2.623 V/m; Power Drift = 0.00 dB
 Peak SAR (extrapolated) = 0.0410 W/kg
SAR(1 g) = 0.020 W/kg; SAR(10 g) = 0.00988 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 = 44.9%
 Maximum value of SAR (measured) = 0.0314 W/kg



0 dB = 0.0342 W/kg = -14.66 dBW/kg

Test Laboratory: JYTSZ

Date: 03.14.2024

DUT: Mobile Phone; Type: BG6m; Serial: SZR012400068-3

Communication System: UID 0, GPRS(2 Slots) (0); Frequency: 836.6 MHz;Duty Cycle: 1:4.10015

Medium parameters used (interpolated): $f = 836.6$ MHz; $\sigma = 0.918$ S/m; $\epsilon_r = 41.178$; $\rho = 1000$ kg/m³

Phantom section: Flat Section

DASY5 Configuration:

- Probe: EX3DV4 - SN7601; ConvF(10.3, 10.3, 10.3) @ 836.6 MHz; Calibrated: 01.29.2024
- Sensor-Surface: 1.4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1373; Calibrated: 11.27.2023
- Phantom: SAM-Twin; Type: QD 000 P40 CD; Serial: 1885
- Measurement SW: DASY52, Version 52.10 (4); SEMCAD X Version 14.6.14 (7501)

GPRS 850 2Slots Body Back/Middle Channel/Area Scan (61x61x1): Interpolated grid: dx=1.500 mm, dy=1.500 mm

Maximum value of SAR (interpolated) = 0.481 W/kg

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

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

Reference Value = 13.94 V/m; Power Drift = -0.10 dB

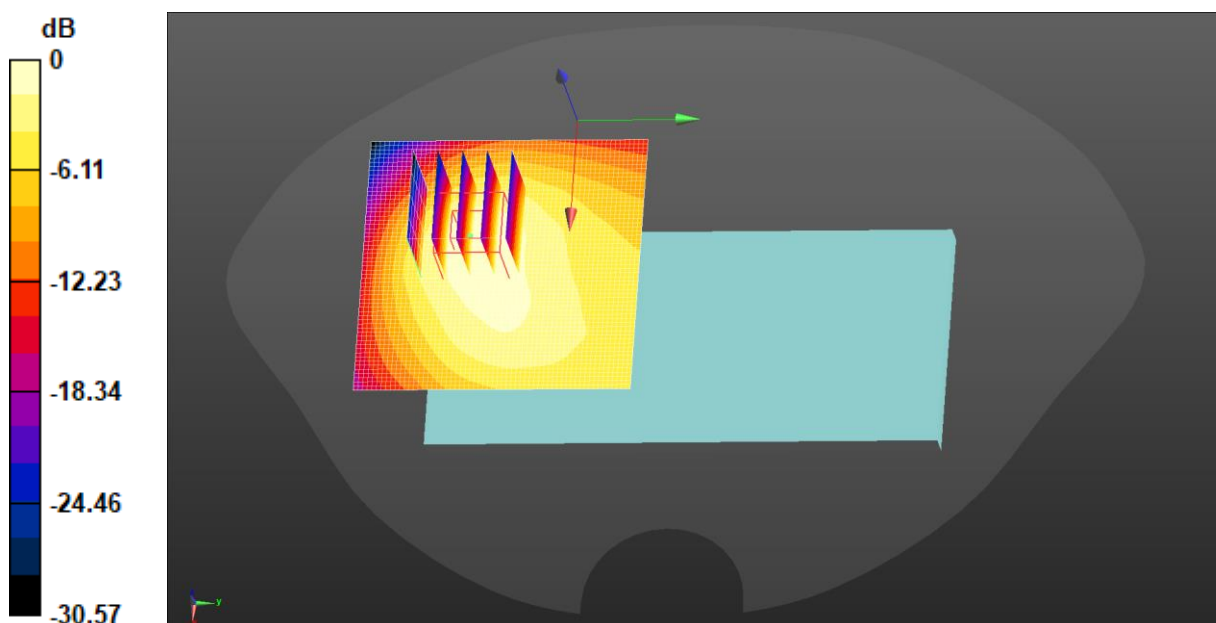
Peak SAR (extrapolated) = 0.526 W/kg

SAR(1 g) = 0.282 W/kg; SAR(10 g) = 0.174 W/kg

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

Ratio of SAR at M2 to SAR at M1 = 55.5%

Maximum value of SAR (measured) = 0.417 W/kg



0 dB = 0.481 W/kg = -3.18 dBW/kg

Test Laboratory: JYTSZ

Date: 03.22.2024

DUT: Mobile Phone; Type: BG6m; Serial: SZR012400068-3

Communication System: UID 0, GPRS(3 Slots) (0); Frequency: 1850.2 MHz; Duty Cycle: 1:2.77971

Medium parameters used: $f = 1850.2 \text{ MHz}$; $\sigma = 1.43 \text{ S/m}$; $\epsilon_r = 39.146$; $\rho = 1000 \text{ kg/m}^3$
Phantom section: Flat Section

DASY5 Configuration:

- Probe: EX3DV4 - SN7601; ConvF(8.44, 8.44, 8.44) @ 1850.2 MHz; Calibrated: 01.29.2024
- Sensor-Surface: 1.4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1373; Calibrated: 11.27.2023
- Phantom: SAM-Twin; Type: QD 000 P40 CD; Serial: 1885
- Measurement SW: DASY52, Version 52.10 (4); SEMCAD X Version 14.6.14 (7501)

GPRS 1900 3Slots Body Back/Low Channel/Area Scan (61x61x1): Interpolated grid: $dx=1.500 \text{ mm}$, $dy=1.500 \text{ mm}$

Maximum value of SAR (interpolated) = 0.768 W/kg

GPRS 1900 3Slots Body Back/Low Channel/Zoom Scan (5x5x7)/Cube 0:

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

Reference Value = 11.60 V/m; Power Drift = -0.14 dB

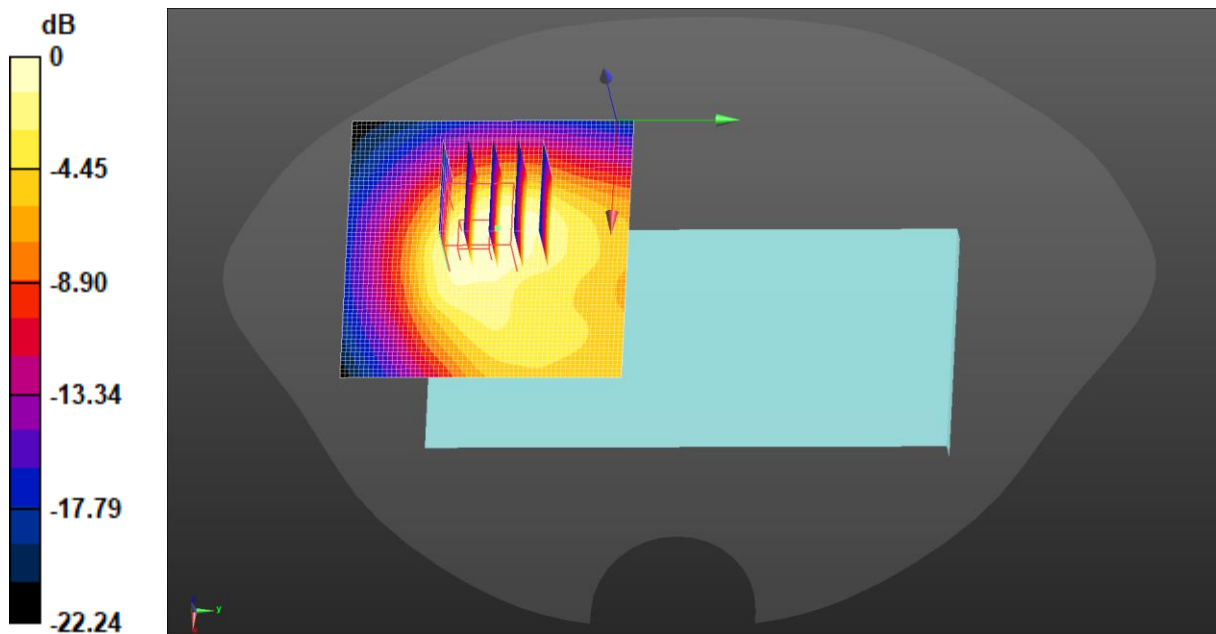
Peak SAR (extrapolated) = 0.972 W/kg

SAR(1 g) = 0.525 W/kg; SAR(10 g) = 0.296 W/kg

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

Ratio of SAR at M2 to SAR at M1 = 54.6%

Maximum value of SAR (measured) = 0.797 W/kg



0 dB = 0.768 W/kg = -1.15 dBW/kg

Test Laboratory: JYTSZ

Date: 03.22.2024

DUT: Mobile Phone; Type: BG6m; Serial: SZR012400068-3

Communication System: UID 0, UMTS-FDD(WCDMA) (0); Frequency: 1907.6 MHz; Duty Cycle: 1:1

Medium parameters used: $f = 1907.6$ MHz; $\sigma = 1.43$ S/m; $\epsilon_r = 39.146$; $\rho = 1000$ kg/m³

Phantom section: Flat Section

DASY5 Configuration:

- Probe: EX3DV4 - SN7601; ConvF(8.44, 8.44, 8.44) @ 1907.6 MHz; Calibrated: 01.29.2024
- Sensor-Surface: 1.4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1373; Calibrated: 11.27.2023
- Phantom: SAM-Twin; Type: QD 000 P40 CD; Serial: 1885
- Measurement SW: DASY52, Version 52.10 (4); SEMCAD X Version 14.6.14 (7501)

WCDMA 1900 Body Back/High Channel/Area Scan (61x61x1): Interpolated grid:

dx=1.500 mm, dy=1.500 mm

Maximum value of SAR (interpolated) = 0.748 W/kg

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

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

Reference Value = 10.74 V/m; Power Drift = 0.01 dB

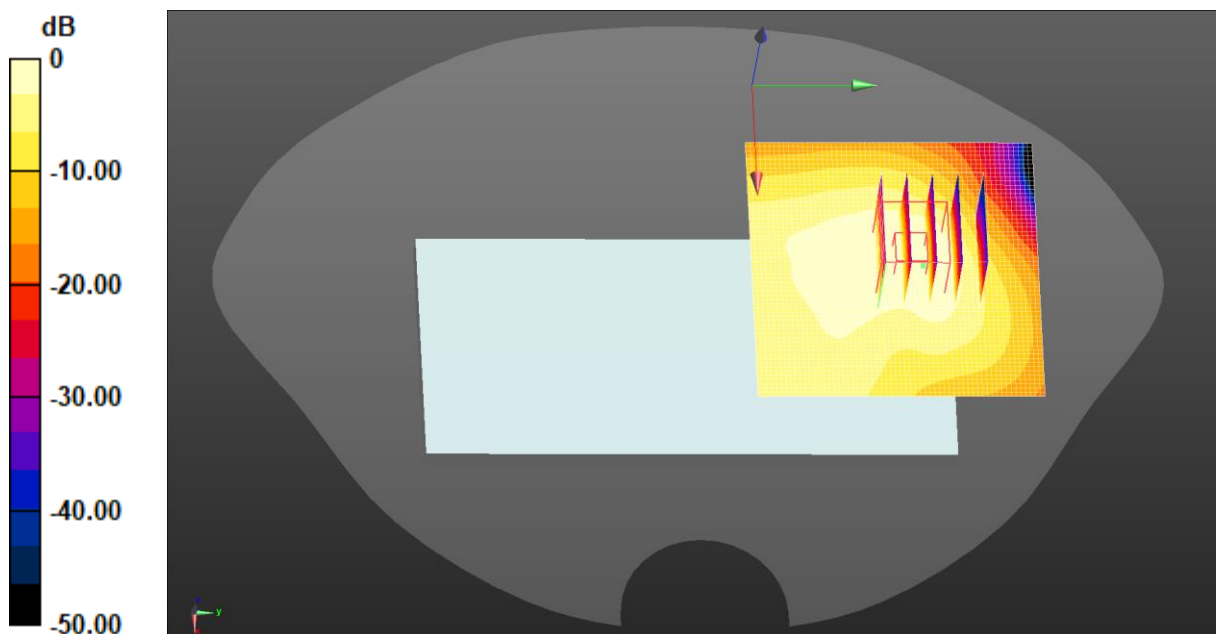
Peak SAR (extrapolated) = 0.870 W/kg

SAR(1 g) = 0.489 W/kg; SAR(10 g) = 0.283 W/kg

Smallest distance from peaks to all points 3 dB below = 13.2 mm

Ratio of SAR at M2 to SAR at M1 = 54.4%

Maximum value of SAR (measured) = 0.701 W/kg



0 dB = 0.748 W/kg = -1.26 dBW/kg

Test Laboratory: JYTSZ

Date: 03.22.2024

DUT: Mobile Phone; Type: BG6m; Serial: SZR012400068-3

Communication System: UID 0, UMTS-FDD(WCDMA) (0); Frequency: 1752.6 MHz; Duty Cycle: 1:1

Medium parameters used (interpolated): $f = 1752.6$ MHz; $\sigma = 1.347$ S/m; $\epsilon_r = 39.394$; $\rho = 1000$ kg/m³

Phantom section: Flat Section

DASY5 Configuration:

- Probe: EX3DV4 - SN7601; ConvF(8.73, 8.73, 8.73) @ 1752.6 MHz; Calibrated: 01.29.2024
- Sensor-Surface: 1.4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1373; Calibrated: 11.27.2023
- Phantom: SAM-Twin; Type: QD 000 P40 CD; Serial: 1885
- Measurement SW: DASY52, Version 52.10 (4); SEMCAD X Version 14.6.14 (7501)

WCDMA 1700 Body Back/High Channel/Area Scan (61x61x1): Interpolated grid:

dx=1.500 mm, dy=1.500 mm

Maximum value of SAR (interpolated) = 0.481 W/kg

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

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

Reference Value = 7.514 V/m; Power Drift = 0.13 dB

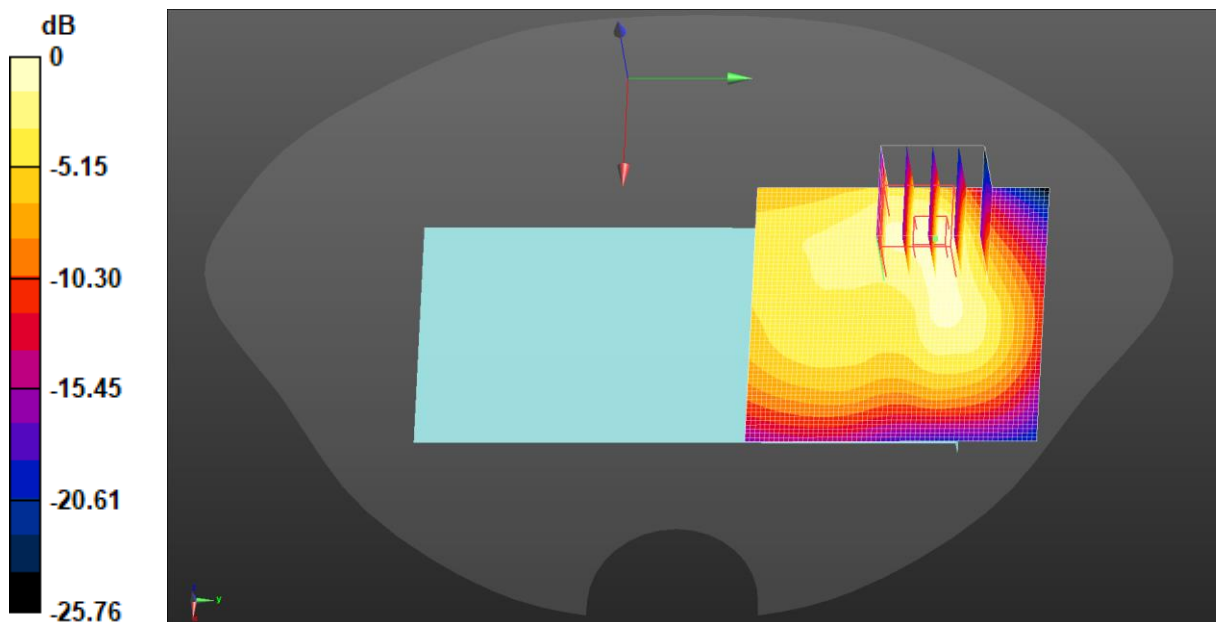
Peak SAR (extrapolated) = 0.581 W/kg

SAR(1 g) = 0.303 W/kg; SAR(10 g) = 0.165 W/kg

Smallest distance from peaks to all points 3 dB below = 10.1 mm

Ratio of SAR at M2 to SAR at M1 = 53.2%

Maximum value of SAR (measured) = 0.461 W/kg



0 dB = 0.481 W/kg = -3.18 dBW/kg

Test Laboratory: JYTSZ

Date: 03.14.2024

DUT: Mobile Phone; Type: BG6m; Serial: SZR012400068-3

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

Medium parameters used (interpolated): $f = 836.6$ MHz; $\sigma = 0.918$ S/m; $\epsilon_r = 41.178$; $\rho = 1000$ kg/m³

Phantom section: Flat Section

DASY5 Configuration:

- Probe: EX3DV4 - SN7601; ConvF(10.3, 10.3, 10.3) @ 836.6 MHz; Calibrated: 01.29.2024
- Sensor-Surface: 1.4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1373; Calibrated: 11.27.2023
- Phantom: SAM-Twin; Type: QD 000 P40 CD; Serial: 1885
- Measurement SW: DASY52, Version 52.10 (4); SEMCAD X Version 14.6.14 (7501)

WCDMA 850 Body Back/Middle Channel/Area Scan (61x61x1): Interpolated grid:

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

Maximum value of SAR (interpolated) = 0.368 W/kg

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

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

Reference Value = 13.38 V/m; Power Drift = 0.13 dB

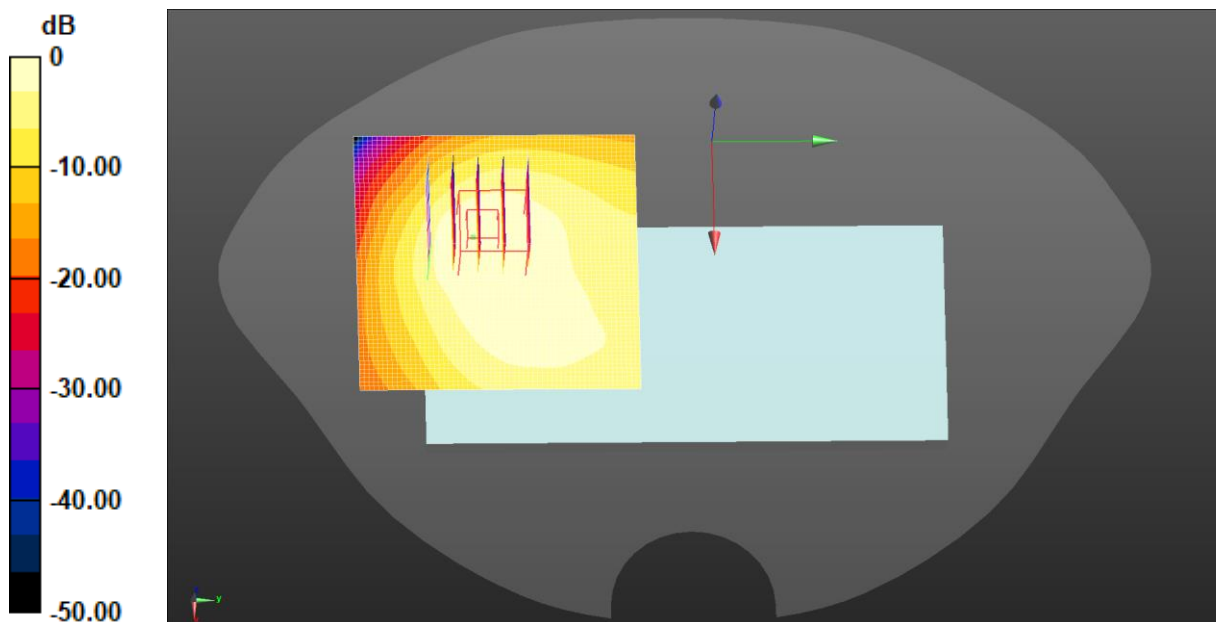
Peak SAR (extrapolated) = 0.429 W/kg

SAR(1 g) = 0.232 W/kg; SAR(10 g) = 0.141 W/kg

Smallest distance from peaks to all points 3 dB below = 13.6 mm

Ratio of SAR at M2 to SAR at M1 = 54.3%

Maximum value of SAR (measured) = 0.348 W/kg



0 dB = 0.368 W/kg = -4.35 dBW/kg

Test Laboratory: JYTSZ

Date: 03.22.2024

DUT: Mobile Phone; Type: BG6m; Serial: SZR012400068-3

Communication System: UID 0, LTE-Fdd(USA) 1RB QPSK (0); Frequency: 1860 MHz;Duty Cycle: 1:1

Medium parameters used: $f = 1860 \text{ MHz}$; $\sigma = 1.43 \text{ S/m}$; $\epsilon_r = 39.146$; $\rho = 1000 \text{ kg/m}^3$

Phantom section: Flat Section

DASY5 Configuration:

- Probe: EX3DV4 - SN7601; ConvF(8.44, 8.44, 8.44) @ 1860 MHz; Calibrated: 01.29.2024
- Sensor-Surface: 1.4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1373; Calibrated: 11.27.2023
- Phantom: SAM-Twin; Type: QD 000 P40 CD; Serial: 1885
- Measurement SW: DASY52, Version 52.10 (4); SEMCAD X Version 14.6.14 (7501)

LTE Band 2 1RB(20MHz) Body Back/Low Channel/Area Scan (61x61x1):

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

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

LTE Band 2 1RB(20MHz) Body Back/Low Channel/Zoom Scan (5x5x7)/Cube

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

Reference Value = 11.18 V/m; Power Drift = -0.05 dB

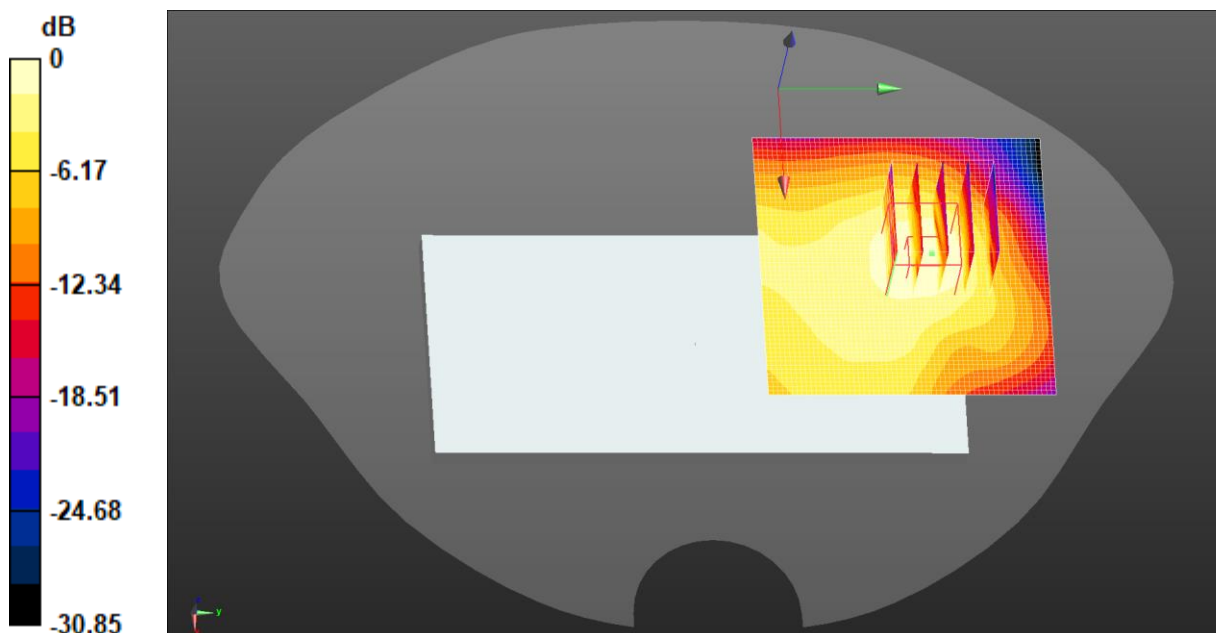
Peak SAR (extrapolated) = 1.58 W/kg

SAR(1 g) = 0.595 W/kg; SAR(10 g) = 0.337 W/kg

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

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

Maximum value of SAR (measured) = 0.890 W/kg



0 dB = 1.01 W/kg = 0.06 dBW/kg

Test Laboratory: JYTSZ

Date: 03.14.2024

DUT: Mobile Phone; Type: BG6m; Serial: SZR012400068-3

Communication System: UID 0, LTE-Fdd(USA) 1RB QPSK (0); Frequency: 836.5 MHz; Duty Cycle: 1:1

Medium parameters used (interpolated): $f = 836.5$ MHz; $\sigma = 0.918$ S/m; $\epsilon_r = 41.179$; $\rho = 1000$ kg/m³

Phantom section: Flat Section

DASY5 Configuration:

- Probe: EX3DV4 - SN7601; ConvF(10.3, 10.3, 10.3) @ 836.5 MHz; Calibrated: 01.29.2024
- Sensor-Surface: 1.4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1373; Calibrated: 11.27.2023
- Phantom: SAM-Twin; Type: QD 000 P40 CD; Serial: 1885
- Measurement SW: DASY52, Version 52.10 (4); SEMCAD X Version 14.6.14 (7501)

LTE Band 5 1RB(10MHz) Body Back/Middle Channel/Area Scan (61x61x1):

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

Maximum value of SAR (interpolated) = 0.456 W/kg

LTE Band 5 1RB(10MHz) Body Back/Middle Channel/Zoom Scan (5x5x7)/Cube 0:

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

Reference Value = 14.36 V/m; Power Drift = -0.15 dB

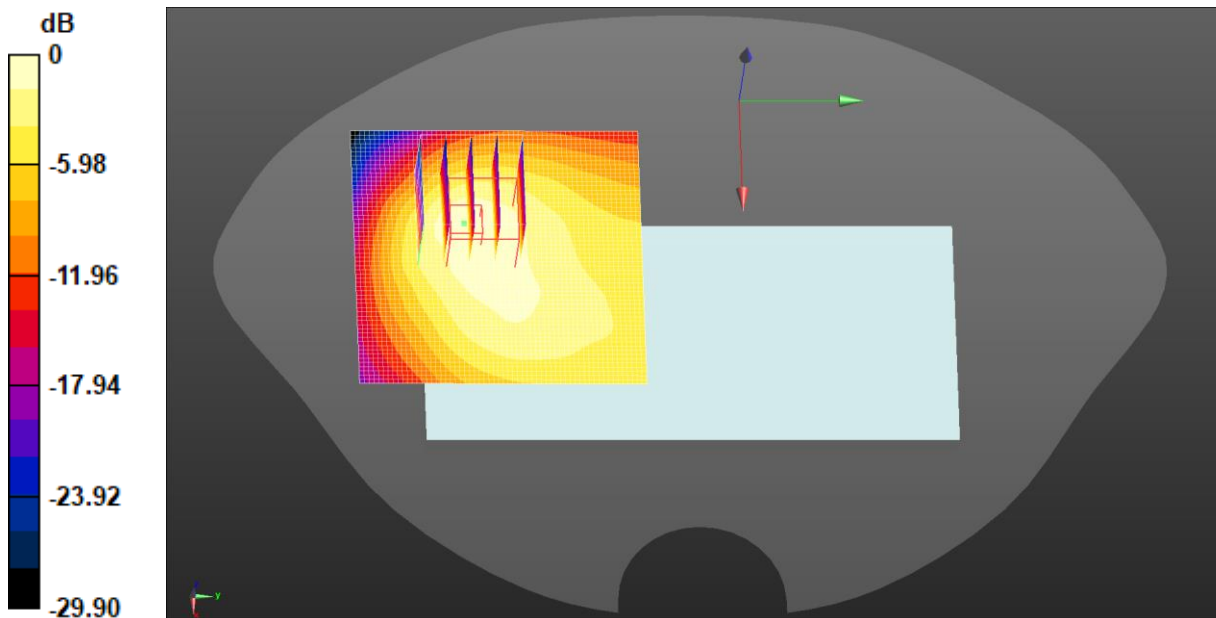
Peak SAR (extrapolated) = 0.474 W/kg

SAR(1 g) = 0.257 W/kg; SAR(10 g) = 0.161 W/kg

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

Ratio of SAR at M2 to SAR at M1 = 54.9%

Maximum value of SAR (measured) = 0.374 W/kg



0 dB = 0.456 W/kg = -3.41 dBW/kg

Test Laboratory: JYTSZ

Date: 03.08.2024

DUT: Mobile Phone; Type: BG6m; Serial: SZR012400068-3

Communication System: UID 0, LTE-Fdd(USA) 1RB QPSK (0); Frequency: 2535 MHz;Duty Cycle: 1:1

Medium parameters used (interpolated): $f = 2535$ MHz; $\sigma = 1.892$ S/m; $\epsilon_r = 38.15$; $\rho = 1000$ kg/m³

Phantom section: Flat Section

DASY5 Configuration:

- Probe: EX3DV4 - SN7601; ConvF(7.89, 7.89, 7.89) @ 2535 MHz; Calibrated: 01.29.2024
- Sensor-Surface: 1.4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1373; Calibrated: 11.27.2023
- Phantom: SAM-Twin; Type: QD 000 P40 CD; Serial: 1885
- 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 (71x71x1):

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

Maximum value of SAR (interpolated) = 0.832 W/kg

LTE Band 7 1RB(20MHz) Body Back/Middle Channel/Zoom Scan**(7x7x7)/Cube 0:** Measurement grid: dx=5mm, dy=5mm, dz=5mm

Reference Value = 2.500 V/m; Power Drift = 0.09 dB

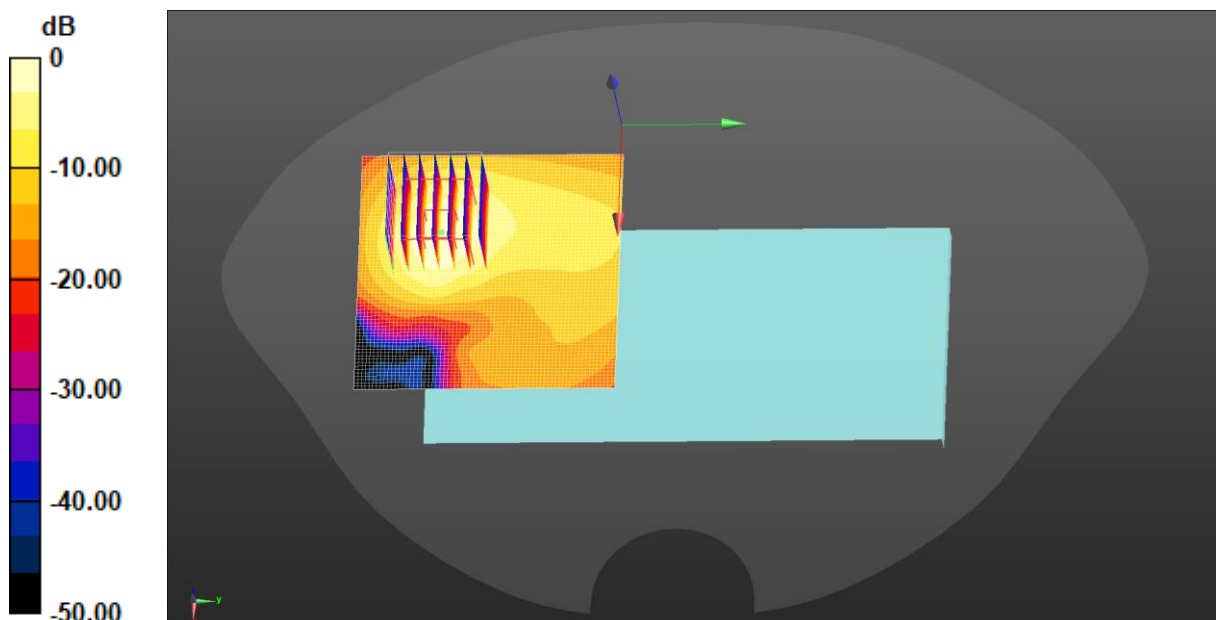
Peak SAR (extrapolated) = 1.05 W/kg

SAR(1 g) = 0.494 W/kg; SAR(10 g) = 0.221 W/kg

Smallest distance from peaks to all points 3 dB below = 9.5 mm

Ratio of SAR at M2 to SAR at M1 = 47.6%

Maximum value of SAR (measured) = 0.844 W/kg



0 dB = 0.832 W/kg = -0.80 dBW/kg

Test Laboratory: JYTSZ

Date: 03.17.2024

DUT: Mobile Phone; Type: BG6m; Serial: SZR012400068-3

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; $\sigma = 0.876$ S/m; $\epsilon_r = 41.549$; $\rho = 1000$ kg/m³

Phantom section: Flat Section

DASY5 Configuration:

- Probe: EX3DV4 - SN7601; ConvF(10.71, 10.71, 10.71) @ 707.5 MHz; Calibrated: 01.29.2024
- Sensor-Surface: 1.4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1373; Calibrated: 11.27.2023
- Phantom: SAM-Twin; Type: QD 000 P40 CD; Serial: 1885
- 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 (61x61x1):

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

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

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

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

Reference Value = 13.32 V/m; Power Drift = -0.08 dB

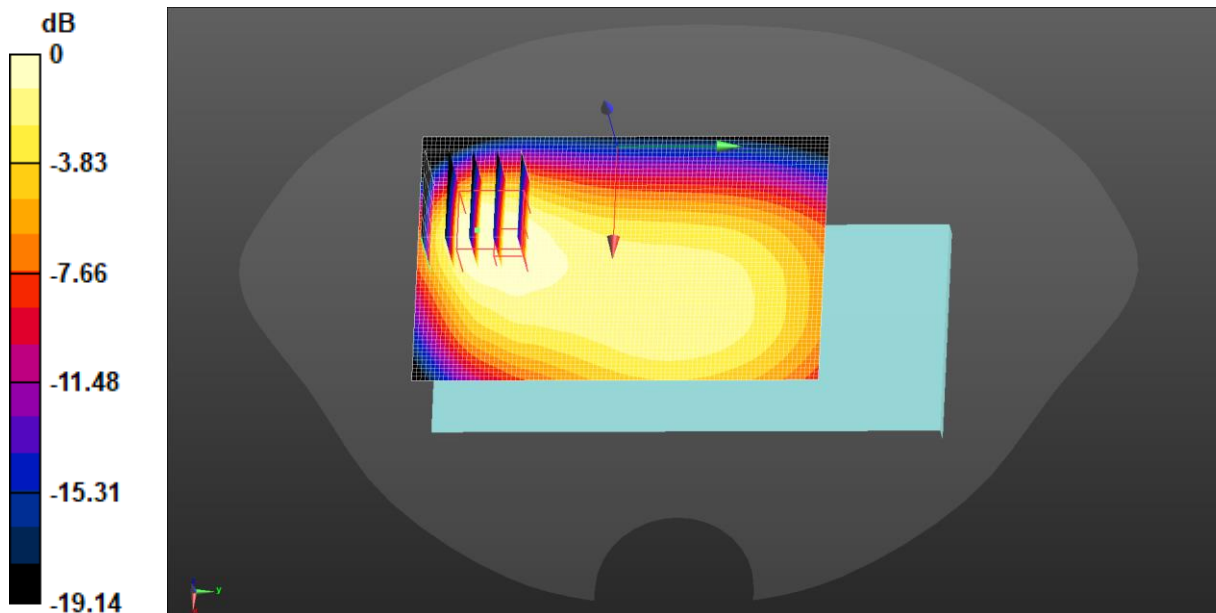
Peak SAR (extrapolated) = 0.214 W/kg

SAR(1 g) = 0.118 W/kg; SAR(10 g) = 0.076 W/kg

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

Ratio of SAR at M2 to SAR at M1 = 55.2%

Maximum value of SAR (measured) = 0.162 W/kg



0 dB = 0.162 W/kg = -7.90 dBW/kg

Test Laboratory: JYTSZ

Date: 03.08.2024

DUT: Mobile Phone; Type: BG6m; Serial: SZR012400068-3

Communication System: UID 0, LTE-TDD(USA) 20MHz 1RB QPSK (0); Frequency: 2645 MHz; Duty Cycle: 1:1.59956
 Medium parameters used (interpolated): $f = 2645$ MHz; $\sigma = 1.942$ S/m; $\epsilon_r = 38.059$; $\rho = 1000$ kg/m³
 Phantom section: Flat Section

DASY5 Configuration:

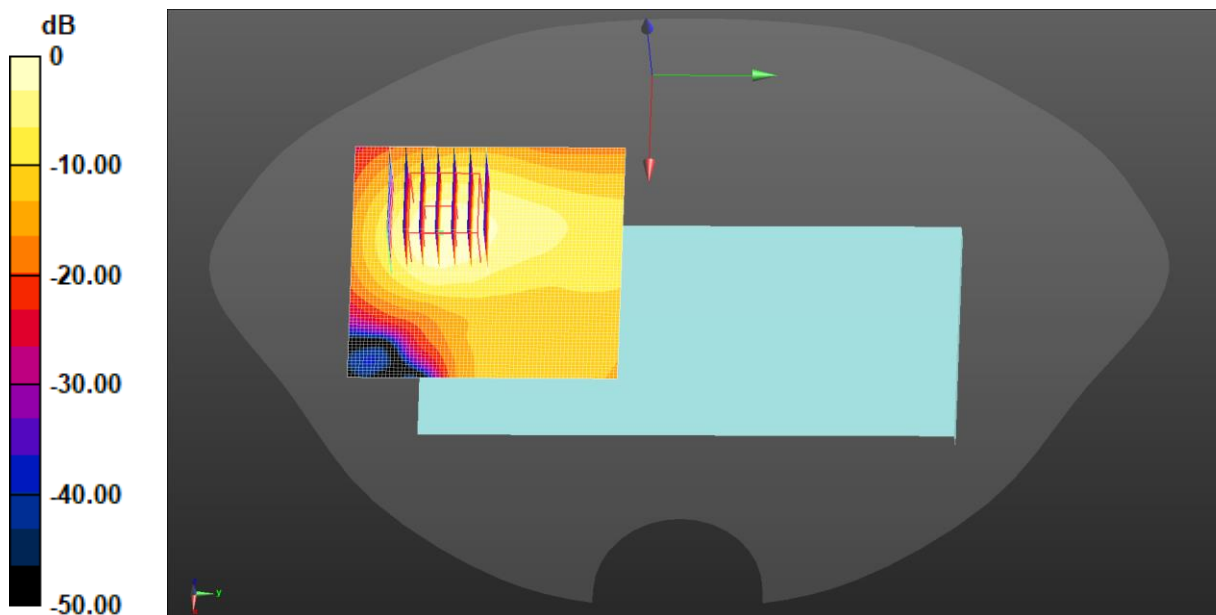
- Probe: EX3DV4 - SN7601; ConvF(7.6, 7.6, 7.6) @ 2645 MHz; Calibrated: 01.29.2024
- Sensor-Surface: 1.4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1373; Calibrated: 11.27.2023
- Phantom: SAM-Twin; Type: QD 000 P40 CD; Serial: 1885
- Measurement SW: DASY52, Version 52.10 (4); SEMCAD X Version 14.6.14 (7501)

LTE Band 41 1RB(20MHz) Body Back/High Channel/Area Scan (71x71x1):

Interpolated grid: dx=1.200 mm, dy=1.200 mm
 Maximum value of SAR (interpolated) = 0.767 W/kg

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

(7x7x7)/Cube 0: Measurement grid: dx=5mm, dy=5mm, dz=5mm
 Reference Value = 2.965 V/m; Power Drift = 0.03 dB
 Peak SAR (extrapolated) = 0.941 W/kg
SAR(1 g) = 0.439 W/kg; SAR(10 g) = 0.202 W/kg
 Smallest distance from peaks to all points 3 dB below = 10 mm
 Ratio of SAR at M2 to SAR at M1 = 46.4%
 Maximum value of SAR (measured) = 0.751 W/kg



$0 \text{ dB} = 0.767 \text{ W/kg} = -1.15 \text{ dBW/kg}$

Test Laboratory: JYTSZ

Date: 03.22.2024

DUT: Mobile Phone; Type: BG6m; Serial: SZR012400068-3

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

Medium parameters used (interpolated): $f = 1745 \text{ MHz}$; $\sigma = 1.355 \text{ S/m}$; $\epsilon_r = 39.364$; $\rho = 1000 \text{ kg/m}^3$

Phantom section: Flat Section

DASY5 Configuration:

- Probe: EX3DV4 - SN7601; ConvF(8.73, 8.73, 8.73) @ 1745 MHz; Calibrated: 01.29.2024
- Sensor-Surface: 1.4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1373; Calibrated: 11.27.2023
- Phantom: SAM-Twin; Type: QD 000 P40 CD; Serial: 1885
- 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 (61x61x1):

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

Maximum value of SAR (interpolated) = 0.590 W/kg

LTE Band 66 1RB(20MHz) 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 = 6.815 V/m; Power Drift = -0.01 dB

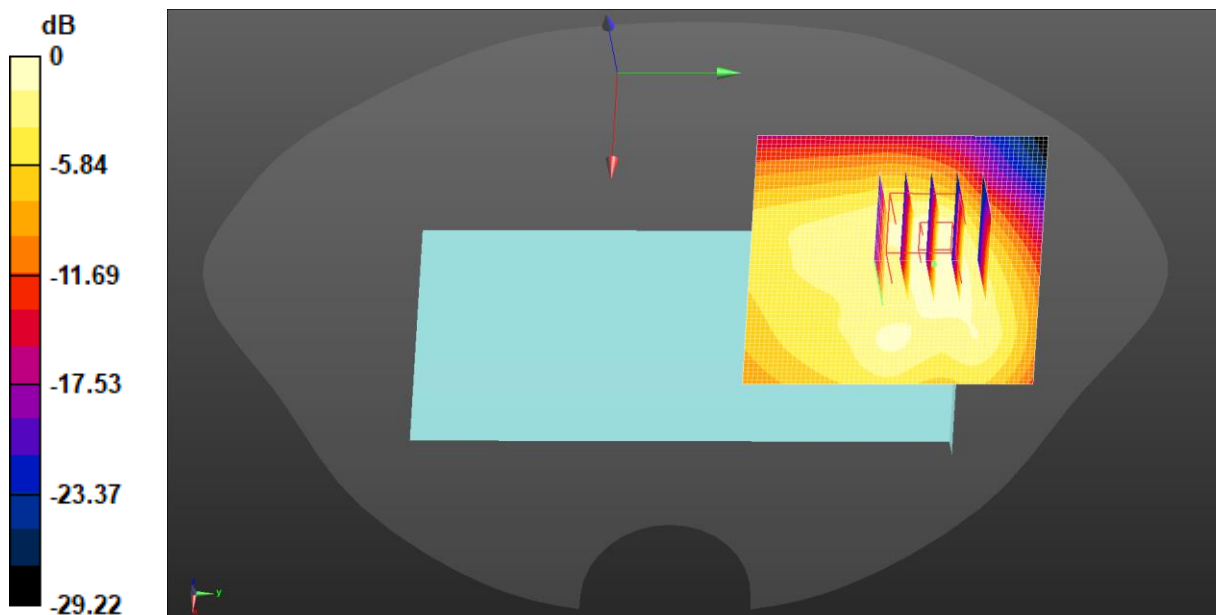
Peak SAR (extrapolated) = 0.711 W/kg

SAR(1 g) = 0.385 W/kg; SAR(10 g) = 0.212 W/kg

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

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

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



$0 \text{ dB} = 0.590 \text{ W/kg} = -2.29 \text{ dBW/kg}$

Test Laboratory: JYTSZ

Date: 03.27.2024

DUT: Mobile Phone; Type: BG6m; Serial: SZR012400068-3

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; $\sigma = 1.814$ S/m; $\epsilon_r = 38.315$; $\rho = 1000$ kg/m³

Phantom section: Flat Section

DASY5 Configuration:

- Probe: EX3DV4 - SN7601; ConvF(7.89, 7.89, 7.89) @ 2437 MHz; Calibrated: 01.29.2024
- Sensor-Surface: 1.4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1373; Calibrated: 11.27.2023
- Phantom: SAM-Twin; Type: QD 000 P40 CD; Serial: 1885
- 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) = 0.513 W/kg

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

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

Reference Value = 5.834 V/m; Power Drift = -0.04 dB

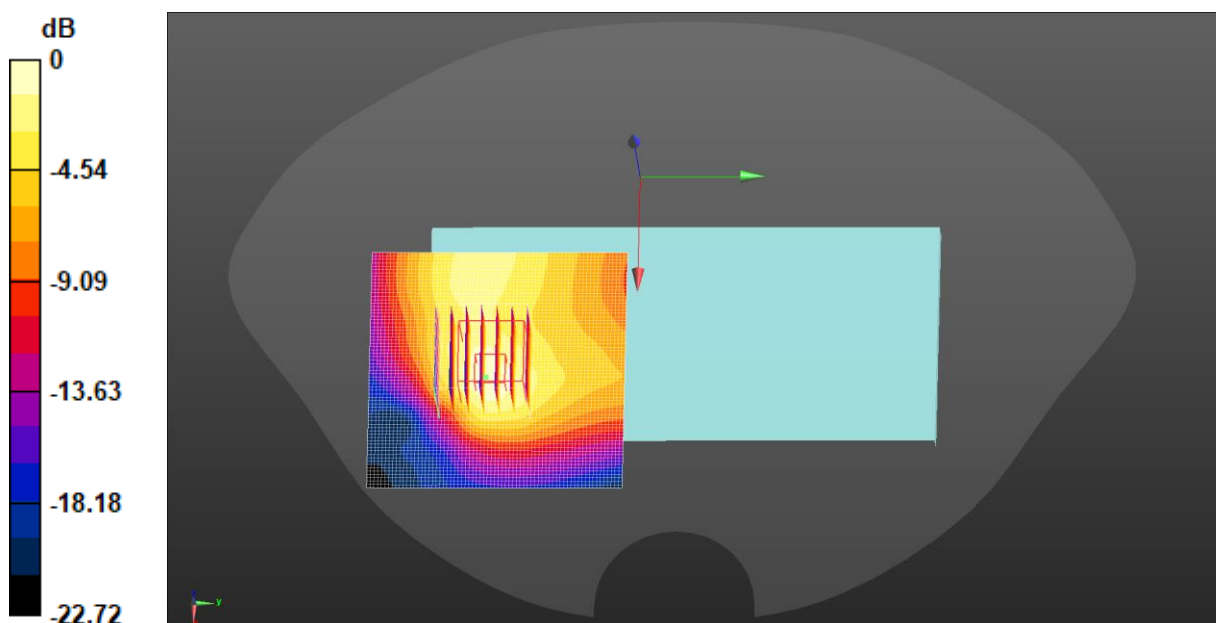
Peak SAR (extrapolated) = 0.598 W/kg

SAR(1 g) = 0.277 W/kg; SAR(10 g) = 0.140 W/kg

Smallest distance from peaks to all points 3 dB below = 10.8 mm

Ratio of SAR at M2 to SAR at M1 = 45.6%

Maximum value of SAR (measured) = 0.458 W/kg



0 dB = 0.513 W/kg = -2.89 dBW/kg

Test Laboratory: JYTSZ

Date: 03.10.2024

DUT: Mobile Phone; Type: BG6m; Serial: SZR012400068-3

Communication System: UID 0, IEEE 802.11a WiFi 5GHz (0); Frequency: 5180 MHz; Duty Cycle: 1:1

Medium parameters used: $f = 5180 \text{ MHz}$; $\sigma = 4.617 \text{ S/m}$; $\epsilon_r = 36.519$; $\rho = 1000 \text{ kg/m}^3$

Phantom section: Flat Section

DASY5 Configuration:

- Probe: EX3DV4 - SN7601; ConvF(5.51, 5.51, 5.51) @ 5180 MHz; Calibrated: 01.29.2024
- Sensor-Surface: 1.4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1373; Calibrated: 11.27.2023
- Phantom: SAM-Twin; Type: QD 000 P40 CD; Serial: 1885
- Measurement SW: DASY52, Version 52.10 (4); SEMCAD X Version 14.6.14 (7501)

5.2G WiFi Body Back/Low Channel/Area Scan (81x81x1): Interpolated grid:

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

Maximum value of SAR (interpolated) = 0.384 W/kg

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

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

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

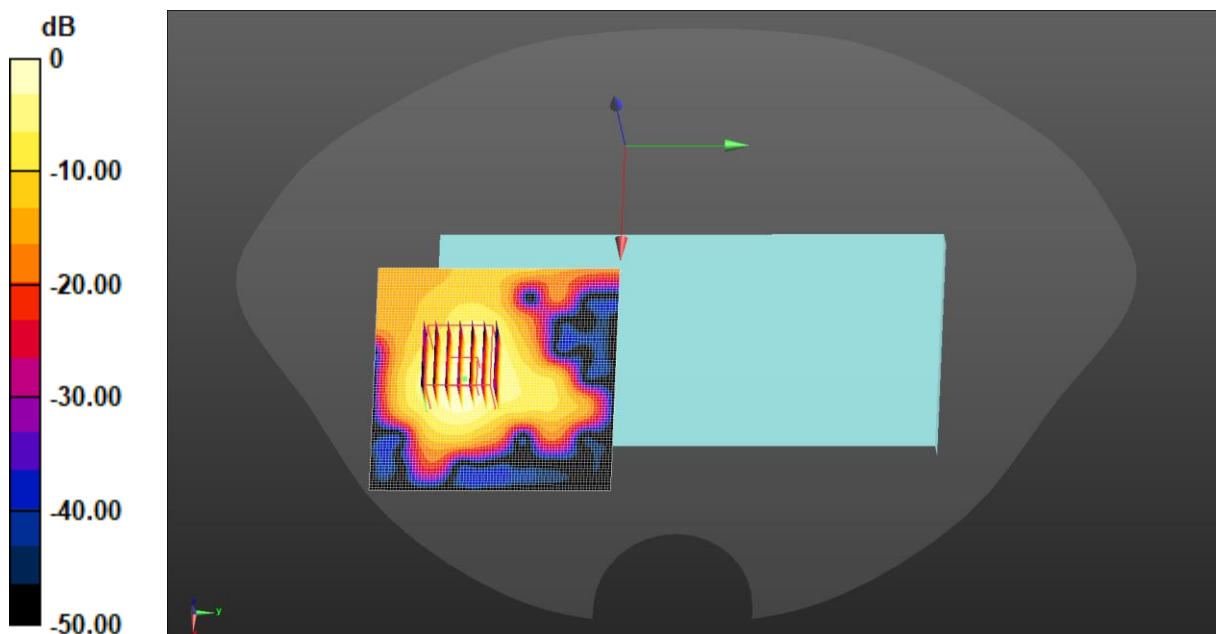
Peak SAR (extrapolated) = 0.572 W/kg

SAR(1 g) = 0.167 W/kg; SAR(10 g) = 0.056 W/kg

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

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

Maximum value of SAR (measured) = 0.381 W/kg



$0 \text{ dB} = 0.381 \text{ W/kg} = -4.19 \text{ dBW/kg}$

Test Laboratory: JYTSZ

Date: 03.29.2024

DUT: Mobile Phone; Type: BG6m; Serial: SZR012400068-3

Communication System: UID 0, IEEE 802.11a WiFi 5GHz (0); Frequency: 5260 MHz; Duty Cycle: 1:1

Medium parameters used: $f = 5260$ MHz; $\sigma = 4.699$ S/m; $\epsilon_r = 36.434$; $\rho = 1000$ kg/m³

Phantom section: Flat Section

DASY5 Configuration:

- Probe: EX3DV4 - SN7601; ConvF(5.51, 5.51, 5.51) @ 5260 MHz; Calibrated: 01.29.2024
- Sensor-Surface: 1.4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1373; Calibrated: 11.27.2023
- Phantom: SAM-Twin; Type: QD 000 P40 CD; Serial: 1885
- Measurement SW: DASY52, Version 52.10 (4); SEMCAD X Version 14.6.14 (7501)

5.3G WiFi Body Back/Low Channel/Area Scan (81x81x1): Interpolated grid:

dx=1.000 mm, dy=1.000 mm

Maximum value of SAR (interpolated) = 0.368 W/kg

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

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

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

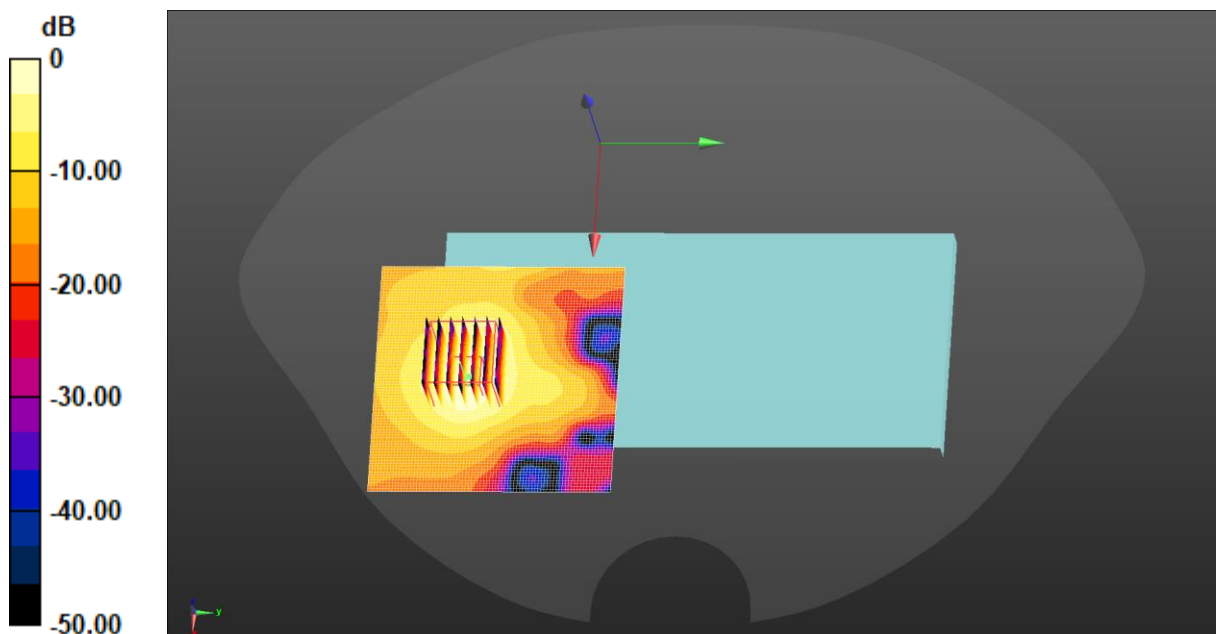
Peak SAR (extrapolated) = 0.575 W/kg

SAR(1 g) = 0.172 W/kg; SAR(10 g) = 0.059 W/kg

Smallest distance from peaks to all points 3 dB below = 8.5 mm

Ratio of SAR at M2 to SAR at M1 = 57.6%

Maximum value of SAR (measured) = 0.377 W/kg



0 dB = 0.377 W/kg = -4.24 dBW/kg

Test Laboratory: JYTSZ

Date: 03.25.2024

DUT: Mobile Phone; Type: BG6m; Serial: SZR012400068-3

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

Medium parameters used: $f = 5600 \text{ MHz}$; $\sigma = 5.046 \text{ S/m}$; $\epsilon_r = 36.045$; $\rho = 1000 \text{ kg/m}^3$
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 Sn1373; Calibrated: 11.27.2023
- Phantom: SAM 5.0; Type: QD000P40CD; Serial: TP:1885
- 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) = 0.290 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 V/m; Power Drift = 0.00 dB

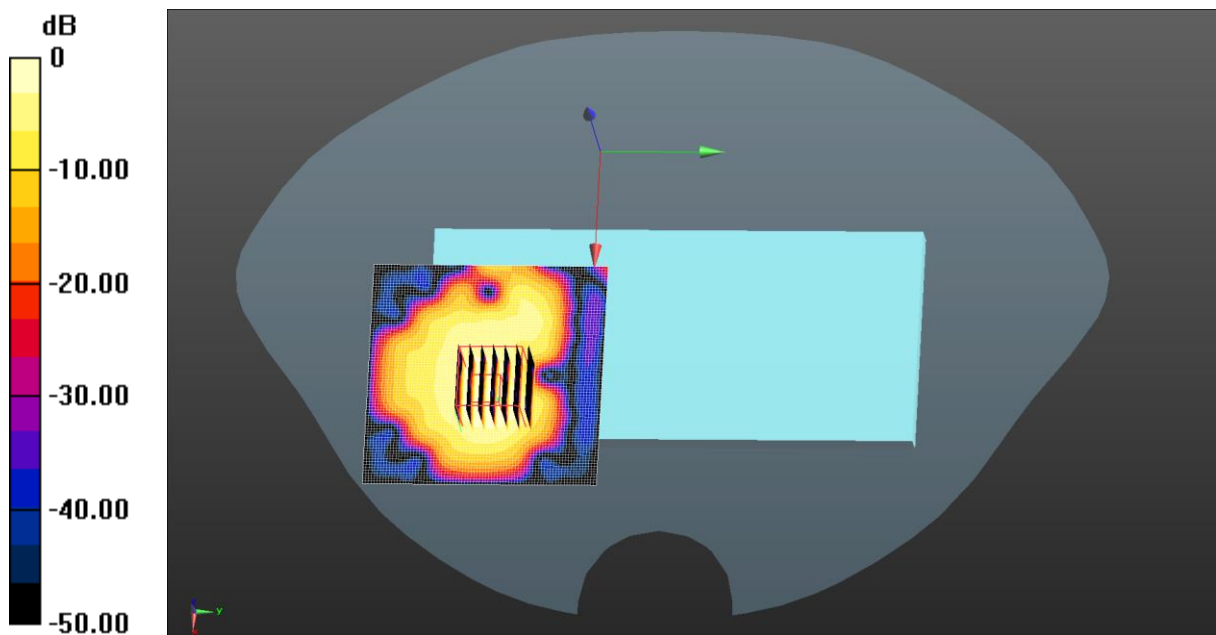
Peak SAR (extrapolated) = 0.452 W/kg

SAR(1 g) = 0.111 W/kg; SAR(10 g) = 0.035 W/kg

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

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

Maximum value of SAR (measured) = 0.285 W/kg



$0 \text{ dB} = 0.285 \text{ W/kg} = -5.45 \text{ dBW/kg}$

Test Laboratory: JYTSZ

Date: 03.12.2024

DUT: Mobile Phone; Type: BG6m; Serial: SZR012400068-3

Communication System: UID 0, IEEE 802.11a WiFi 5GHz (0); Frequency: 5785 MHz; Duty Cycle: 1:1

Medium parameters used (interpolated): $f = 5785$ MHz; $\sigma = 5.236$ S/m; $\epsilon_r = 35.834$; $\rho = 1000$ kg/m³

Phantom section: Flat Section

DASY5 Configuration:

- Probe: EX3DV4 - SN7601; ConvF(5.01, 5.01, 5.01) @ 5785 MHz; Calibrated: 01.29.2024
- Sensor-Surface: 1.4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1373; Calibrated: 11.27.2023
- Phantom: SAM-Twin; Type: QD 000 P40 CD; Serial: 1885
- Measurement SW: DASY52, Version 52.10 (4); SEMCAD X Version 14.6.14 (7501)

5.8G WiFi Body Back/Middle Channel/Area Scan (81x81x1): Interpolated grid:

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

Maximum value of SAR (interpolated) = 0.202 W/kg

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

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

Reference Value = 0.7130 V/m; Power Drift = 0.07 dB

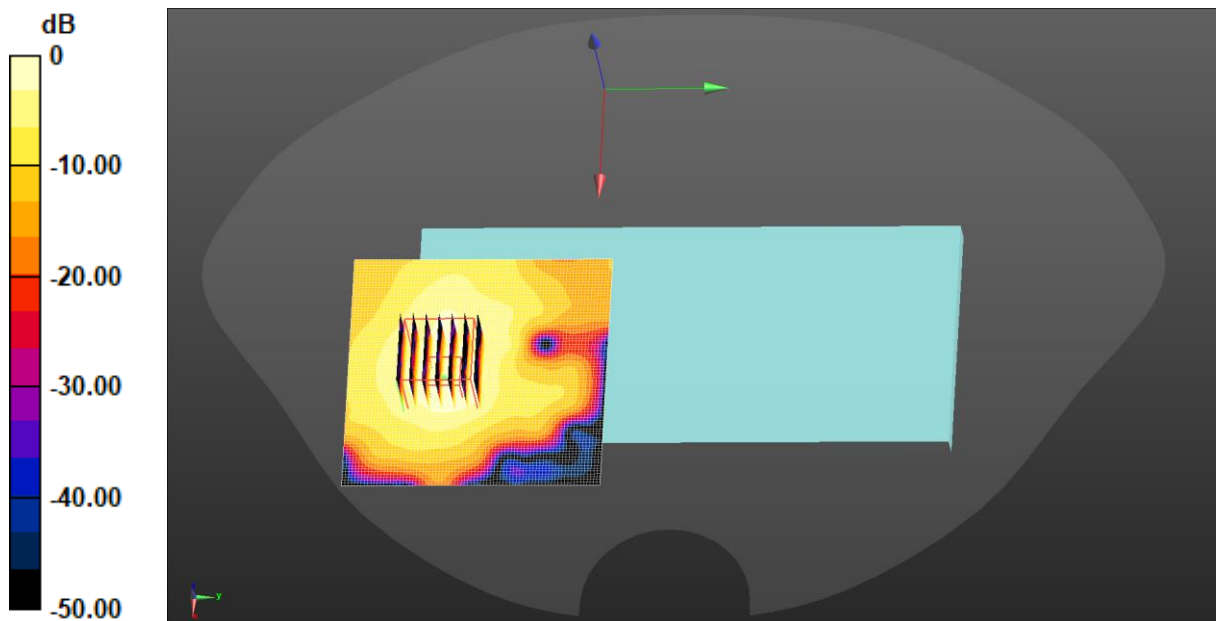
Peak SAR (extrapolated) = 0.364 W/kg

SAR(1 g) = 0.094 W/kg; SAR(10 g) = 0.033 W/kg

Smallest distance from peaks to all points 3 dB below = 10.4 mm

Ratio of SAR at M2 to SAR at M1 = 51.3%

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



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

Test Laboratory: JYTSZ

Date: 03.27.2024

DUT: Mobile Phone; Type: BG6m; Serial: SZR012400068-3

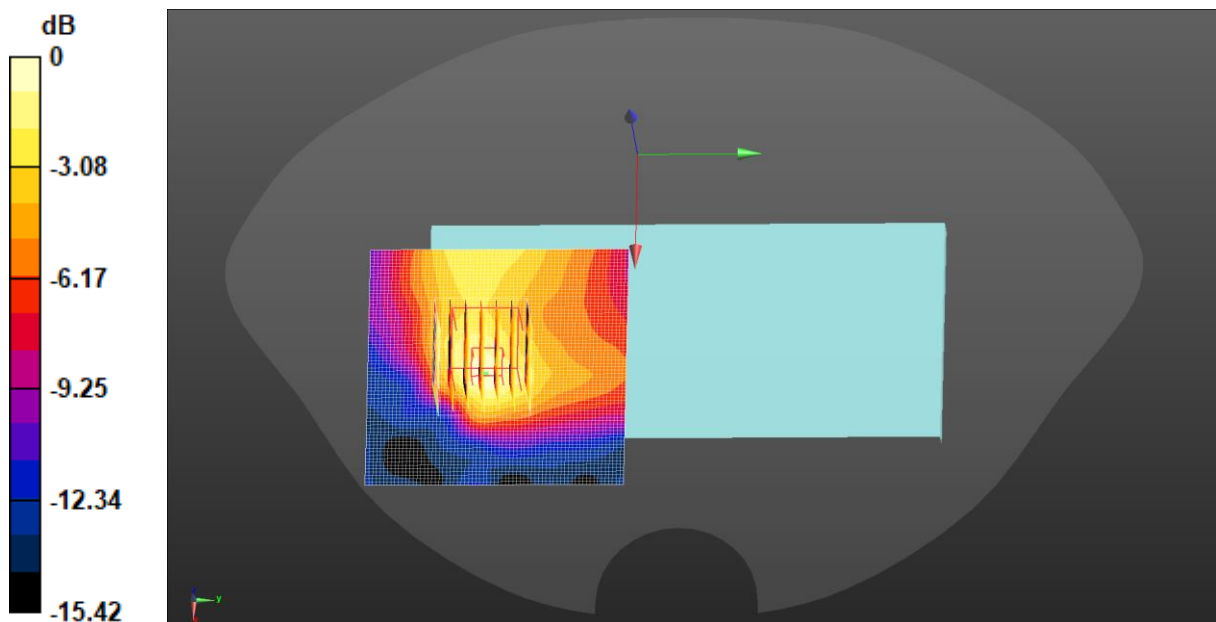
Communication System: UID 0, Bluetooth (0); Frequency: 2441 MHz; Duty Cycle: 1:1
 Medium parameters used (interpolated): $f = 2441$ MHz; $\sigma = 1.817$ S/m; $\epsilon_r = 38.308$; $\rho = 1000$ kg/m³
 Phantom section: Flat Section

DASY5 Configuration:

- Probe: EX3DV4 - SN7601; ConvF(7.89, 7.89, 7.89) @ 2441 MHz; Calibrated: 01.29.2024
- Sensor-Surface: 1.4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1373; Calibrated: 11.27.2023
- Phantom: SAM-Twin; Type: QD 000 P40 CD; Serial: 1885
- Measurement SW: DASY52, Version 52.10 (4); SEMCAD X Version 14.6.14 (7501)

Bluetooth Body Back/Middle Channel/Area Scan (71x71x1): Interpolated grid:
 dx=1.200 mm, dy=1.200 mm
 Maximum value of SAR (interpolated) = 0.0258 W/kg

Bluetooth Body Back/Middle Channel/Zoom Scan (7x7x7)/Cube 0: Measurement grid: dx=5mm, dy=5mm, dz=5mm
 Reference Value = 1.549 V/m; Power Drift = -0.07 dB
 Peak SAR (extrapolated) = 0.0280 W/kg
SAR(1 g) = 0.013 W/kg; SAR(10 g) = 0.00633 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 = 45.6%
 Maximum value of SAR (measured) = 0.0216 W/kg



0 dB = 0.0258 W/kg = -15.88 dBW/kg

Test Laboratory: JYTSZ

Date: 03.08.2024

DUT: Mobile Phone; Type: BG6m; Serial: SZR012400068-3

Communication System: UID 0, LTE-Fdd(USA) 1RB QPSK (0); Frequency: 2535 MHz; Duty Cycle: 1:1

Medium parameters used (interpolated): $f = 2535$ MHz; $\sigma = 1.892$ S/m; $\epsilon_r = 38.15$; $\rho = 1000$ kg/m³

Phantom section: Flat Section

DASY5 Configuration:

- Probe: EX3DV4 - SN7601; ConvF(7.89, 7.89, 7.89) @ 2535 MHz; Calibrated: 01.29.2024
- Sensor-Surface: 1.4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1373; Calibrated: 11.27.2023
- Phantom: SAM-Twin; Type: QD 000 P40 CD; Serial: 1885
- Measurement SW: DASY52, Version 52.10 (4); SEMCAD X Version 14.6.14 (7501)

LTE Band 7 1RB(20MHz) Body Top/Middle Channel/Area Scan (61x71x1):

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

Maximum value of SAR (interpolated) = 0.956 W/kg

LTE Band 7 1RB(20MHz) Body Top/Middle Channel/Zoom Scan**(7x7x7)/Cube 0:** Measurement grid: dx=5mm, dy=5mm, dz=5mm

Reference Value = 10.48 V/m; Power Drift = 0.04 dB

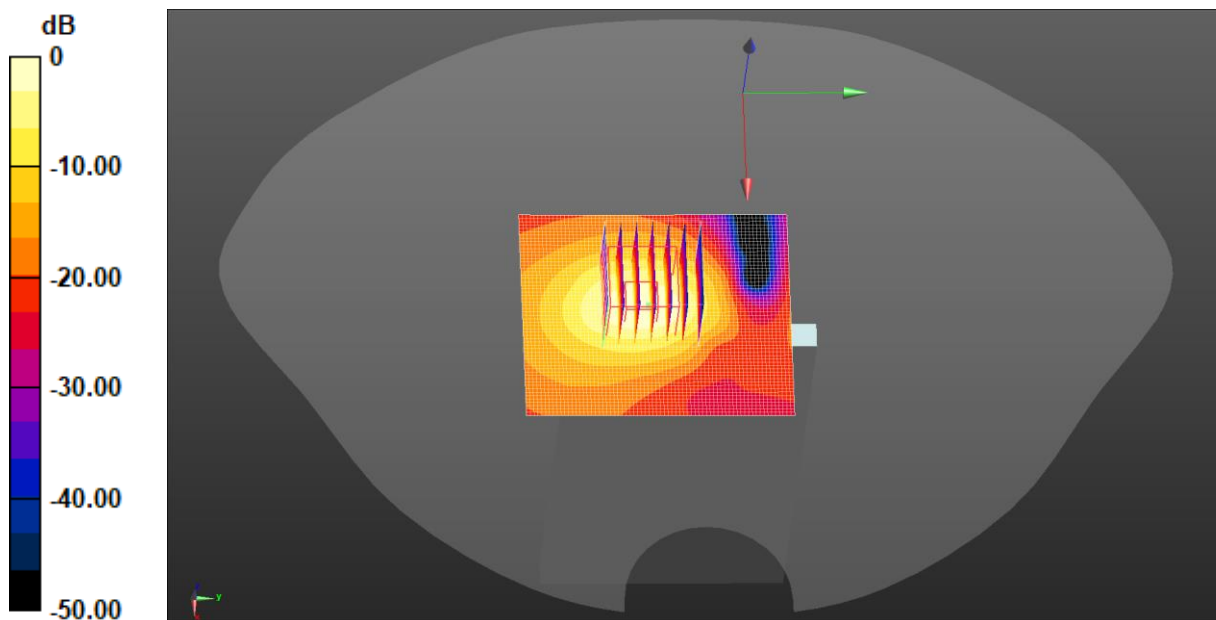
Peak SAR (extrapolated) = 1.08 W/kg

SAR(1 g) = 0.510 W/kg; SAR(10 g) = 0.220 W/kg

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

Ratio of SAR at M2 to SAR at M1 = 48.8%

Maximum value of SAR (measured) = 0.849 W/kg



0 dB = 0.956 W/kg = -0.19 dBW/kg

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