13.8 WLAN 5.3GHz Band Conducted Power

Average Power (dBm)				
Channel	Frequency (MHz)	802.11 a	802.11 ac20	802.11 n20
CH 52	5260	13.92	13.82	13.91
CH 56	5280	**14.49**	14.29	14.21
CH 64	5320	**14.49**	14.33	14.33

Average Power (dBm)			
Channel	Frequency (MHz)	802.11 ac40	802.11 n40
CH 54	5270	9.74	10.12
CH 62	5310	10.14	10.27

Average Power (dBm)		
Channel	Frequency (MHz)	802.11 ac80
CH 58	5290	7.88

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.

13.9 WLAN 5.6GHz Band Conducted Power

Average Power (dBm)				
Channel	Frequency (MHz)	802.11 a	802.11 ac20	802.11 n20
CH 100	5500	13.33	13.37	13.22
CH 120	5600	**13.39**	13.32	13.24
CH 140	5700	**13.39**	13.20	13.06

Average Power (dBm)			
Channel	Frequency (MHz)	802.11 ac40	802.11 n40
CH 102	5510	9.41	9.38
CH 108	5590	9.37	9.46
CH 134	5670	8.97	9.08

Average Power (dBm)		
Channel	Frequency (MHz)	802.11 ac80
CH 106	5530	7.83
CH 122	5610	8.24

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.

13.10 WLAN 5.8GHz Band Conducted Power

Average Power (dBm)				
Channel	Frequency (MHz)	802.11 a	802.11 ac20	802.11 n20
CH 149	5745	14.95	15.37	14.82
CH 157	5785	15.38	16.03	15.60
CH 165	5825	15.81	**16.07**	15.70

Average Power (dBm)			
Channel	Frequency (MHz)	802.11 ac40	802.11 n40
CH 151	5755	15.52	15.12
CH 159	5795	15.83	14.93

Average Power (dBm)		
Channel	Frequency (MHz)	802.11 ac80
CH 155	5775	15.58

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.

13.11 Bluetooth Conducted Power

Average Power (dBm)				
Channel	Frequency (MHz)	GFSK	π/4-DQPSK	8DPSK
CH 00	2402	10.94	**11.03**	10.88
CH 39	2441	9.16	8.38	8.17
CH 78	2480	7.87	6.97	6.85

Average Power (dBm)				
Channel	Frequency (MHz)	BLE PHY 1M	BLE Coded PHY S=2	BLE Coded PHY S=8
CH 00	2402	5.39	5.42	5.38
CH 20	2442	6.08	6.08	6.07
CH 39	2480	5.60	5.72	5.56

Average Power (dBm)		
Channel	Frequency (MHz)	BLE PHY 2M
CH 00	2404	5.42
CH 20	2442	6.08
CH 39	2478	5.72

Note:
1. SAR test of Bluetooth is performed and the mode with highest average power is selected for SAR testing.
2. The output power of all data rate were pre-scan, just the worst case of all mode were shown in report.
3. 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.

13.12 NFC Conducted Power

Average Power (dBm)	
Frequency (MHz)	ASK
13.56	-50.25

Note:

1. Per KDB 447498 D04v01 section 2.1.2: 1-mW Test Exemption, SAR test for NFC is not required.

dBm	mW
-50.25	0.0000094

2. The output power of all data rate were pre-scan, just the worst case of all mode were shown in report.

14 Exposure Positions Consideration

14.1 EUT Antenna Locations

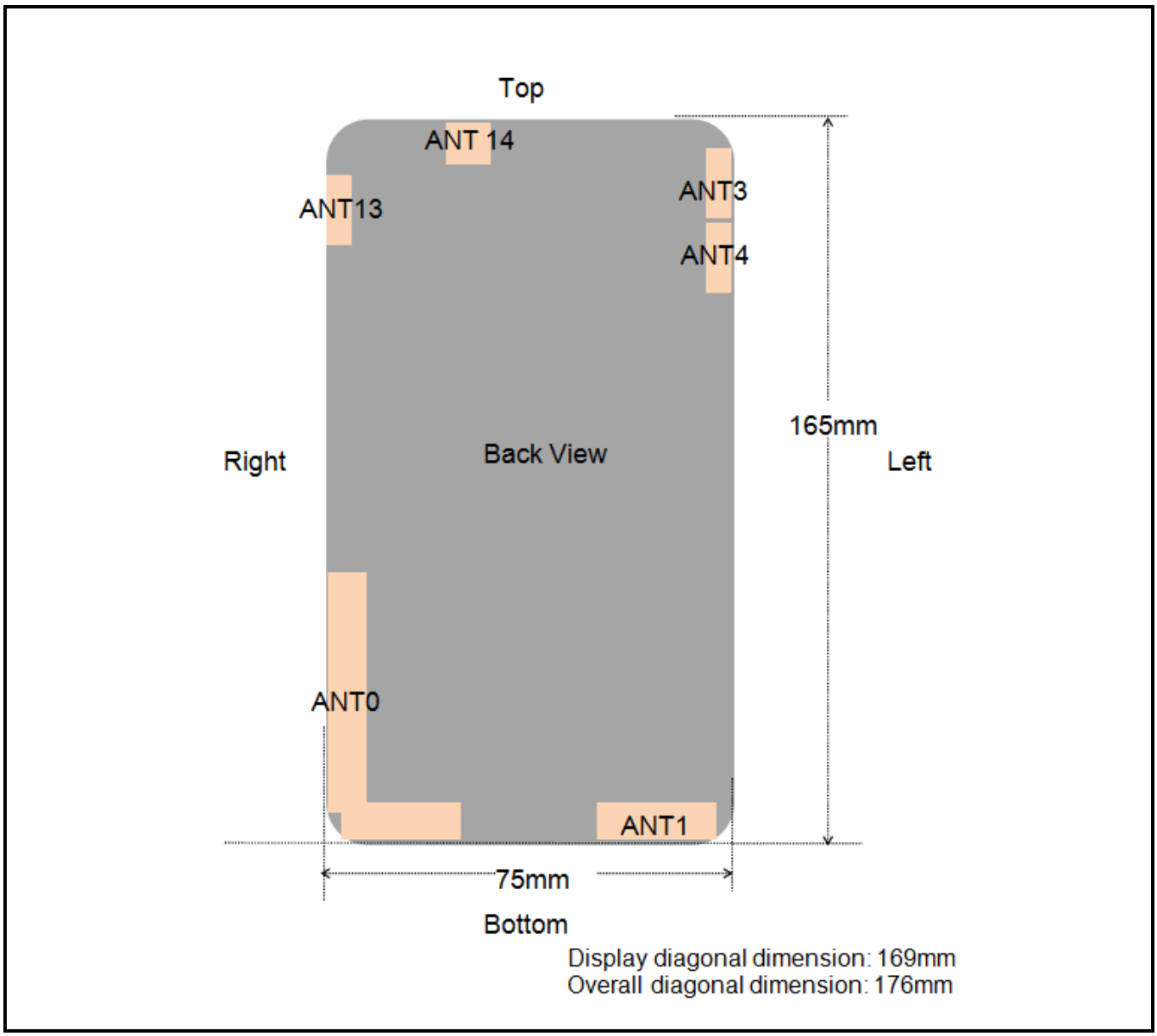


Fig.14.1 EUT Antenna Locations

Note:

ANT0: GSM&WCDMA&LTE TX ANT(Below 1GHz Band)

ANT1: GSM&WCDMA&LTE TX ANT(Above 1GHz Band)

ANT3: GSM&WCDMA&LTE Diversity ANT (Above 1GHz)

ANT4: GSM&WCDMA&LTE Diversity ANT (Below 1GHz Band)

ANT13: BT&BLE&2.4GWIFI

ANT14: BT&BLE&2.4/5GWIFI

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**
ANT0	<25mm	<25mm	85mm	<25mm	<25mm	46mm
ANT1	<25mm	<25mm	151mm	<25mm	50mm	<25mm
ANT3	<25mm	<25mm	<25mm	135mm	73mm	<25mm
ANT4	<25mm	<25mm	37mm	96mm	73mm	<25mm
ANT13	<25mm	<25mm	<25mm	136mm	<25mm	73mm
ANT14	<25mm	<25mm	<25mm	160mm	<25mm	43mm

Test Positions Test distance: 10mm						
Antennas	**Back**	**Front**	**Top Side**	**Bottom Side**	**Right Side**	**Left Side**
ANT0	Yes	Yes	No	Yes	Yes	No
ANT1	Yes	Yes	No	Yes	No	Yes
ANT3	Yes	Yes	Yes	No	No	Yes
ANT4	Yes	Yes	No	No	No	Yes
ANT13	Yes	Yes	Yes	No	Yes	No
ANT14	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 ≥ 9cm * 5cm, 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.

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	0	Right Cheek	251	848.8	32.69	0.03	33.0	0.080	1.074	0.085
	GSM850/Voice	0	Right Tilted	251	848.8	32.69	0.15	33.0	0.043	1.074	0.046
	GSM850/Voice	0	Left Cheek	251	848.8	32.69	0.14	33.0	0.063	1.074	0.067
	GSM850/Voice	0	Left Tilted	251	848.8	32.69	-0.02	33.0	0.035	1.074	0.038
	GSM850/Voice	4	Right Cheek	190	836.6	32.10	-0.17	32.5	0.075	1.096	0.082
	GSM850/Voice	4	Right Tilted	190	836.6	32.10	-0.16	32.5	0.024	1.096	0.026
1	GSM850/Voice	4	Left Cheek	190	836.6	32.10	0.06	32.5	**0.099**	1.096	0.109
	GSM850/Voice	4	Left Tilted	190	836.6	32.10	0.12	32.5	0.034	1.096	0.037
	PCS1900/Voice	1	Right Cheek	512	1850.2	29.38	0.03	29.5	0.078	1.028	0.080
	PCS1900/Voice	1	Right Tilted	512	1850.2	29.38	0.05	29.5	0.042	1.028	0.043
	PCS1900/Voice	1	Left Cheek	512	1850.2	29.38	-0.09	29.5	0.058	1.028	0.060
	PCS1900/Voice	1	Left Tilted	512	1850.2	29.38	0.05	29.5	0.031	1.028	0.032
2	PCS1900/Voice	3	Right Cheek	512	1850.2	29.82	0.04	30.0	**0.707**	1.042	0.737
	PCS1900/Voice	3	Right Tilted	512	1850.2	29.82	0.04	30.0	0.385	1.042	0.401
	PCS1900/Voice	3	Left Cheek	512	1850.2	29.82	0.04	30.0	0.362	1.042	0.377
	PCS1900/Voice	3	Left Tilted	512	1850.2	29.82	0.14	30.0	0.209	1.042	0.218
ANSI / IEEE C95.1 – SAFETY LIMIT Spatial Peak Uncontrolled Exposure/General Population						**1.6 W/kg (mW/g) Averaged over 1g**					

➢ 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	1	Right Cheek	9400	1880	22.78	-0.09	23.0	0.044	1.052	0.046
	Band II/RMC	1	Right Tilted	9400	1880	22.78	0.12	23.0	0.026	1.052	0.027
	Band II/RMC	1	Left Cheek	9400	1880	22.78	0.05	23.0	0.037	1.052	0.039
	Band II/RMC	1	Left Tilted	9400	1880	22.78	-0.16	23.0	0.020	1.052	0.021
3	Band II/RMC	3	Right Cheek	9262	1852.4	23.20	-0.02	23.5	**0.390**	1.072	0.418
	Band II/RMC	3	Right Tilted	9262	1852.4	23.20	0.04	23.5	0.254	1.072	0.272
	Band II/RMC	3	Left Cheek	9262	1852.4	23.20	0.15	23.5	0.235	1.072	0.252
	Band II/RMC	3	Left Tilted	9262	1852.4	23.20	0.14	23.5	0.142	1.072	0.152
	Band IV/RMC	1	Right Cheek	1513	1752.6	23.09	0.13	23.5	0.056	1.099	0.062
	Band IV/RMC	1	Right Tilted	1513	1752.6	23.09	0.05	23.5	0.035	1.099	0.038
	Band IV/RMC	1	Left Cheek	1513	1752.6	23.09	-0.15	23.5	0.041	1.099	0.045
	Band IV/RMC	1	Left Tilted	1513	1752.6	23.09	-0.06	23.5	0.023	1.099	0.025
4	Band IV/RMC	3	Right Cheek	1513	1752.6	23.30	0.04	23.5	**0.226**	1.047	0.237
	Band IV/RMC	3	Right Tilted	1513	1752.6	23.30	0.10	23.5	0.145	1.047	0.152
	Band IV/RMC	3	Left Cheek	1513	1752.6	23.30	-0.04	23.5	0.128	1.047	0.134
	Band IV/RMC	3	Left Tilted	1513	1752.6	23.30	-0.20	23.5	0.071	1.047	0.074
	Band V/RMC	0	Right Cheek	4233	846.6	23.71	0.08	24.0	0.106	1.069	0.113
	Band V/RMC	0	Right Tilted	4233	846.6	23.71	-0.11	24.0	0.058	1.069	0.062
	Band V/RMC	0	Left Cheek	4233	846.6	23.71	0.15	24.0	0.072	1.069	0.077
	Band V/RMC	0	Left Tilted	4233	846.6	23.71	0.18	24.0	0.048	1.069	0.051
	Band V/RMC	4	Right Cheek	4183	836.6	23.78	0.01	24.0	0.224	1.052	0.236
	Band V/RMC	4	Right Tilted	4183	836.6	23.78	0.02	24.0	0.071	1.052	0.075
5	Band V/RMC	4	Left Cheek	4183	836.6	23.78	-0.18	24.0	**0.303**	1.052	0.319
	Band V/RMC	4	Left Tilted	4183	836.6	23.78	-0.15	24.0	0.090	1.052	0.095
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 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)
	Band2/1RB#49	1	Right Cheek	18700	1860	22.57	0.16	23.0	0.058	1.104	0.064
	Band2/1RB#49	1	Right Tilted	18700	1860	22.57	-0.06	23.0	0.038	1.104	0.042
	Band2/1RB#49	1	Left Cheek	18700	1860	22.57	-0.16	23.0	0.044	1.104	0.049
	Band2/1RB#49	1	Left Tilted	18700	1860	22.57	0.04	23.0	0.024	1.104	0.026
	Band2/50%RB#49	1	Right Cheek	18700	1860	21.54	-0.11	22.0	0.051	1.112	0.057
	Band2/50%RB#49	1	Right Tilted	18700	1860	21.54	0.12	22.0	0.034	1.112	0.038
	Band2/50%RB#49	1	Left Cheek	18700	1860	21.54	0.18	22.0	0.040	1.112	0.044
	Band2/50%RB#49	1	Left Tilted	18700	1860	21.54	-0.10	22.0	0.022	1.112	0.024
	Band2/1RB#49	3	Right Cheek	18700	1860	22.84	0.08	23.0	0.974	1.038	1.011
	Band2/1RB#49	3	Right Tilted	18700	1860	22.84	0.04	23.0	0.478	1.038	0.496
	Band2/1RB#49	3	Left Cheek	18700	1860	22.84	0.08	23.0	0.419	1.038	0.435
	Band2/1RB#49	3	Left Tilted	18700	1860	22.84	0.04	23.0	0.224	1.038	0.233
	Band2/1RB#49	3	Right Cheek	18900	1880	22.69	0.06	23.0	0.941	1.074	1.011
6	Band2/1RB#99	3	Right Cheek	19100	1900	22.80	0.04	23.0	**1.130**	1.047	1.183
	Band2/50%RB#49	3	Right Cheek	18700	1860	21.68	-0.08	22.0	0.742	1.076	0.798
	Band2/50%RB#49	3	Right Tilted	18700	1860	21.68	0.04	22.0	0.395	1.076	0.425
	Band2/50%RB#49	3	Left Cheek	18700	1860	21.68	-0.16	22.0	0.345	1.076	0.371
	Band2/50%RB#49	3	Left Tilted	18700	1860	21.68	-0.08	22.0	0.193	1.076	0.208
	Band2/100%RB#0	3	Right Cheek	18700	1860	21.60	0.03	22.0	0.714	1.096	0.783
	Band2/1RB#99	**3**	**Right Cheek**	**19100**	**1900**	**22.80**	**0.08**	**23.0**	**1.090**	**1.047**	**1.141**
ANSI / IEEE C95.1 – SAFETY LIMIT Spatial Peak Uncontrolled Exposure/General Population						**1.6 W/kg (mW/g) Averaged over 1g**					

➢ FDD-LTE Band 4(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)
	Band4/1RB#49	1	Right Cheek	20300	1745	23.12	-0.14	23.5	0.045	1.091	0.049
	Band4/1RB#49	1	Right Tilted	20300	1745	23.12	0.04	23.5	0.029	1.091	0.032
	Band4/1RB#49	1	Left Cheek	20300	1745	23.12	0.19	23.5	0.036	1.091	0.039
	Band4/1RB#49	1	Left Tilted	20300	1745	23.12	0.15	23.5	0.018	1.091	0.020
	Band4/50%RB#49	1	Right Cheek	20300	1745	22.06	0.13	22.5	0.042	1.107	0.046
	Band4/50%RB#49	1	Right Tilted	20300	1745	22.06	-0.13	22.5	0.027	1.107	0.030
	Band4/50%RB#49	1	Left Cheek	20300	1745	22.06	-0.17	22.5	0.031	1.107	0.034
	Band4/50%RB#49	1	Left Tilted	20300	1745	22.06	0.20	22.5	0.013	1.107	0.014
7	Band4/1RB#49	3	Right Cheek	20175	1732.5	23.15	0.19	23.5	**0.193**	1.084	0.209
	Band4/1RB#49	3	Right Tilted	20175	1732.5	23.15	0.08	23.5	0.125	1.084	0.136
	Band4/1RB#49	3	Left Cheek	20175	1732.5	23.15	-0.07	23.5	0.104	1.084	0.070
	Band4/1RB#49	3	Left Tilted	20175	1732.5	23.15	-0.07	23.5	0.065	1.084	0.202
	Band4/50%RB#49	3	Right Cheek	20300	1745	22.06	0.06	22.5	0.186	1.107	0.206
	Band4/50%RB#49	3	Right Tilted	20300	1745	22.06	0.07	22.5	0.123	1.107	0.136
	Band4/50%RB#49	3	Left Cheek	20300	1745	22.06	-0.09	22.5	0.101	1.107	0.112
	Band4/50%RB#49	3	Left Tilted	20300	1745	22.06	0.16	22.5	0.062	1.107	0.069
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 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)
	Band5/1RB#24	0	Right Cheek	20450	829	23.61	0.05	24.0	0.112	1.094	0.123
	Band5/1RB#24	0	Right Tilted	20450	829	23.61	0.20	24.0	0.062	1.094	0.068
	Band5/1RB#24	0	Left Cheek	20450	829	23.61	0.06	24.0	0.085	1.094	0.093
	Band5/1RB#24	0	Left Tilted	20450	829	23.61	-0.16	24.0	0.054	1.094	0.059
	Band5/50%RB#12	0	Right Cheek	20525	836.5	22.57	0.09	23.0	0.109	1.104	0.120
	Band5/50%RB#12	0	Right Tilted	20525	836.5	22.57	-0.03	23.0	0.060	1.104	0.066

	Band5/50%RB#12	0	Left Cheek	20525	836.5	22.57	-0.07	23.0	0.082	1.104	0.091
	Band5/50%RB#12	0	Left Tilted	20525	836.5	22.57	0.02	23.0	0.051	1.104	0.056
	Band5/1RB#24	4	Right Cheek	20525	836.5	23.71	0.00	24.0	0.349	1.069	0.373
	Band5/1RB#24	4	Right Tilted	20525	836.5	23.71	0.02	24.0	0.125	1.069	0.134
8	Band5/1RB#24	4	Left Cheek	20525	836.5	23.71	0.16	24.0	**0.510**	1.069	0.545
	Band5/1RB#24	4	Left Tilted	20525	836.5	23.71	0.20	24.0	0.185	1.069	0.198
	Band5/50%RB#24	4	Right Cheek	20525	836.5	22.70	0.13	23.0	0.331	1.072	0.355
	Band5/50%RB#24	4	Right Tilted	20525	836.5	22.70	0.18	23.0	0.108	1.072	0.116
	Band5/50%RB#24	4	Left Cheek	20525	836.5	22.70	-0.04	23.0	0.492	1.072	0.527
	Band5/50%RB#24	4	Left Tilted	20525	836.5	22.70	-0.15	23.0	0.168	1.072	0.180
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 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)
	Band7/1RB#49	1	Right Cheek	20850	2510	22.71	0.02	23.0	0.156	1.069	0.167
	Band7/1RB#49	1	Right Tilted	20850	2510	22.71	0.01	23.0	0.084	1.069	0.090
	Band7/1RB#49	1	Left Cheek	20850	2510	22.71	0.03	23.0	0.124	1.069	0.133
	Band7/1RB#49	1	Left Tilted	20850	2510	22.71	0.15	23.0	0.069	1.069	0.074
	Band7/50%RB#49	1	Right Cheek	20850	2510	21.61	0.16	22.0	0.151	1.094	0.165
	Band7/50%RB#49	1	Right Tilted	20850	2510	21.61	0.03	22.0	0.078	1.094	0.085
	Band7/50%RB#49	1	Left Cheek	20850	2510	21.61	-0.02	22.0	0.117	1.094	0.128
	Band7/50%RB#49	1	Left Tilted	20850	2510	21.61	0.05	22.0	0.062	1.094	0.068
9	Band7/1RB#49	3	Right Cheek	20850	2510	22.70	0.14	23.0	**0.443**	1.072	0.475
	Band7/1RB#49	3	Right Tilted	20850	2510	22.70	0.15	23.0	0.148	1.072	0.159
	Band7/1RB#49	3	Left Cheek	20850	2510	22.70	0.15	23.0	0.128	1.072	0.137
	Band7/1RB#49	3	Left Tilted	20850	2510	22.70	0.03	23.0	0.037	1.072	0.040
	Band7/50%RB#24	3	Right Cheek	20850	2510	21.53	-0.18	22.0	0.421	1.114	0.469
	Band7/50%RB#24	3	Right Tilted	20850	2510	21.53	0.09	22.0	0.134	1.114	0.149
	Band7/50%RB#24	3	Left Cheek	20850	2510	21.53	0.01	22.0	0.118	1.114	0.131
	Band7/50%RB#24	3	Left Tilted	20850	2510	21.53	-0.13	22.0	0.032	1.114	0.036
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)
	Band41/1RB#49	1	Right Cheek	41140	2645	22.90	0.06	23.0	0.088	1.023	1.008	0.091
	Band41/1RB#49	1	Right Tilted	41140	2645	22.90	0.20	23.0	0.047	1.023	1.008	0.048
	Band41/1RB#49	1	Left Cheek	41140	2645	22.90	-0.10	23.0	0.065	1.023	1.008	0.067
	Band41/1RB#49	1	Left Tilted	41140	2645	22.90	-0.11	23.0	0.038	1.023	1.008	0.039
	Band41/50%RB#24	1	Right Cheek	41140	2645	21.84	-0.03	22.0	0.081	1.038	1.008	0.085
	Band41/50%RB#24	1	Right Tilted	41140	2645	21.84	0.03	22.0	0.042	1.038	1.008	0.044
	Band41/50%RB#24	1	Left Cheek	41140	2645	21.84	-0.08	22.0	0.580	1.038	1.008	0.607
	Band41/50%RB#24	1	Left Tilted	41140	2645	21.84	-0.02	22.0	0.033	1.038	1.008	0.035
	Band41/1RB#49	3	Right Cheek	41140	2645	22.83	0.19	23.0	0.940	1.04	1.008	0.985
	Band41/1RB#49	3	Right Tilted	41140	2645	22.83	0.07	23.0	0.671	1.04	1.008	0.703
	Band41/1RB#49	3	Left Cheek	41140	2645	22.83	0.03	23.0	0.547	1.04	1.008	0.573
	Band41/1RB#49	3	Left Tilted	41140	2645	22.83	0.14	23.0	0.401	1.04	1.008	0.420
10	Band41/1RB#49	3	Right Cheek	40140	2545	22.50	0.08	23.0	**0.950**	1.122	1.008	1.074
	Band41/1RB#49	3	Right Cheek	40390	2570	22.67	0.10	23.0	0.944	1.079	1.008	1.027
	Band41/1RB#49	3	Right Cheek	40640	2595	22.68	0.12	23.0	0.878	1.076	1.008	0.952
	Band41/1RB#49	3	Right Cheek	40890	2620	22.67	0.11	23.0	0.905	1.079	1.008	0.984
	Band41/50%RB#0	3	Right Cheek	41140	2645	21.80	0.11	22.0	0.748	1.047	1.008	0.789
	Band41/50%RB#0	3	Right Tilted	41140	2645	21.80	-0.06	22.0	0.515	1.047	1.008	0.544
	Band41/50%RB#0	3	Left Cheek	41140	2645	21.80	-0.09	22.0	0.425	1.047	1.008	0.449

	Band41/50%RB#0	3	Left Tilted	41140	2645	21.80	-0.19	22.0	0.339	1.047	1.008	0.358
	Band41/100%RB#0	3	Right Cheek	41140	2645	21.72	0.04	22.0	0.724	1.067	1.008	0.779
	Band41/1RB#49	**3**	**Right Cheek**	**40140**	**2545**	**22.50**	**0.04**	**23.0**	**0.934**	**1.122**	**1.008**	**1.056**
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)
	2.4GHz/802.11b	14	Right Cheek	1	2412	18.38	0.03	18.5	0.125	1.028	1.000	0.129
	2.4GHz/802.11b	14	Right Tilted	1	2412	18.38	0.15	18.5	0.074	1.028	1.000	0.076
11	2.4GHz/802.11b	14	Left Cheek	1	2412	18.38	0.05	18.5	**0.220**	1.028	1.000	0.226
	2.4GHz/802.11b	14	Left Tilted	1	2412	18.38	0.05	18.5	0.204	1.028	1.000	0.210
	2.4GHz/802.11b	13	Right Cheek	11	2462	17.52	0.11	18.0	0.092	1.117	1.000	0.103
	2.4GHz/802.11b	13	Right Tilted	11	2462	17.52	0.15	18.0	0.052	1.117	1.000	0.058
	2.4GHz/802.11b	13	Left Cheek	11	2462	17.52	-0.06	18.0	0.169	1.117	1.000	0.189
	2.4GHz/802.11b	13	Left Tilted	11	2462	17.52	0.15	18.0	0.091	1.117	1.000	0.102
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	14	Right Cheek	48	5240	15.30	0.12	15.5	0.137	1.047	1.000	0.143
	5.2GHz/802.11a	14	Right Tilted	48	5240	15.30	-0.02	15.5	0.194	1.047	1.000	0.203
	5.2GHz/802.11a	14	Left Cheek	48	5240	15.30	0.15	15.5	0.201	1.047	1.000	0.210
12	5.2GHz/802.11a	14	Left Tilted	48	5240	15.30	0.09	15.5	**0.321**	1.047	1.000	0.336
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	14	Right Cheek	56	5280	14.49	0.14	14.5	0.147	1.002	1.000	0.147
	5.3GHz/802.11a	14	Right Tilted	56	5280	14.49	-0.05	14.5	0.254	1.002	1.000	0.255
	5.3GHz/802.11a	14	Left Cheek	56	5280	14.49	-0.09	14.5	0.261	1.002	1.000	0.262
13	5.3GHz/802.11a	14	Left Tilted	56	5280	14.49	-0.16	14.5	**0.316**	1.002	1.000	0.317
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	14	Right Cheek	140	5700	13.39	-0.01	13.5	0.154	1.026	1.000	0.158
	5.6GHz/802.11a	14	Right Tilted	140	5700	13.39	0.08	13.5	0.233	1.026	1.000	0.239
	5.6GHz/802.11a	14	Left Cheek	140	5700	13.39	0.16	13.5	0.229	1.026	1.000	0.235
14	5.6GHz/802.11a	14	Left Tilted	140	5700	13.39	0.03	13.5	**0.301**	1.026	1.000	0.309
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	14	Right Cheek	165	5825	15.81	0.17	16.5	0.132	1.172	1.000	0.155
	5.8GHz/802.11a	14	Right Tilted	165	5825	15.81	-0.16	16.5	0.189	1.172	1.000	0.222
	5.8GHz/802.11a	14	Left Cheek	165	5825	15.81	0.14	16.5	0.204	1.172	1.000	0.239
15	5.8GHz/802.11a	14	Left Tilted	165	5825	15.81	0.09	16.5	**0.264**	1.172	1.000	0.309
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	14	Right Cheek	0	2402	10.94	0.14	11.5	0.039	1.138	1.000	0.044
	BT/GFSK	14	Right Tilted	0	2402	10.94	0.12	11.5	0.020	1.138	1.000	0.023
16	BT/GFSK	14	Left Cheek	0	2402	10.94	-0.05	11.5	**0.061**	1.138	1.000	0.069
	BT/GFSK	14	Left Tilted	0	2402	10.94	-0.04	11.5	0.035	1.138	1.000	0.040
	BT/GFSK	13	Right Cheek	78	2480	10.28	0.03	10.5	0.028	1.052	1.000	0.029
	BT/GFSK	13	Right Tilted	78	2480	10.28	-0.05	10.5	0.014	1.052	1.000	0.015
	BT/GFSK	13	Left Cheek	78	2480	10.28	0.00	10.5	0.049	1.052	1.000	0.051
	BT/GFSK	13	Left Tilted	78	2480	10.28	0.14	10.5	0.022	1.052	1.000	0.023
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 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 35.48mW(15.5dBm) and 70.79mW(18.5dBm), the scaled SAR would be 0.226×(35.48/70.79)=0.113W/Kg<1.2 W/kg, therefore, SAR is not required for OFDM.
6. According to KDB 865664 D02v01r02, SAR plot is required for the highest measured SAR in each exposure configuration, wireless mode and frequency band combination
7. Highlight part of test data means repeated test.
8. *: Due the antenna location and antenna performance results the SAR value lower than the lowest system limit, then we show “<0.001* W/Kg” in the report.

15.2 Standalone Body SAR

➢ GSM Body SAR

Plot No.	Band/Mode	ANT	Test Position	CH.	Freq. (MHz)	Ave. Power (dBm)	Power Drift (dB)	Tune-Up Limit (dBm)	Meas. SAR_{1g} (W/kg)	Scaling Factor	Reported SAR_{1g} (W/kg)
	GPRS850/4 slots	0	Front	190	836.6	29.01	0.08	29.5	0.235	1.119	0.263
	GPRS850/4 slots	0	Back	190	836.6	29.01	-0.06	29.5	0.288	1.119	0.322
	GPRS850/3 slots	4	Front	128	824.2	29.29	0.04	29.5	0.255	1.050	0.268
17	GPRS850/3 slots	4	Back	128	824.2	29.29	-0.04	29.5	**0.393**	1.050	0.413
	GPRS1900/2 slots	1	Front	661	1880	28.39	0.11	28.5	0.542	1.026	0.556
18	GPRS1900/2 slots	1	Back	661	1880	28.39	-0.09	28.5	**0.658**	1.026	0.675
	GPRS1900/2 slots	3	Front	512	1850.2	28.69	0.04	29.0	0.154	1.074	0.165
	GPRS1900/2 slots	3	Back	512	1850.2	28.69	-0.08	29.0	0.251	1.074	0.270
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	1	Front	9400	1880	22.78	0.03	23.0	0.566	1.052	0.595
19	Band II/RMC	1	Back	9400	1880	22.78	-0.01	23.0	**0.682**	1.052	0.717
	Band II/RMC	3	Front	9262	1852.4	23.20	-0.01	23.5	0.084	1.072	0.090
	Band II/RMC	3	Back	9262	1852.4	23.20	-0.01	23.5	0.147	1.072	0.158
	Band IV/RMC	1	Front	1513	1752.6	23.09	0.07	23.5	0.320	1.099	0.352
20	Band IV/RMC	1	Back	1513	1752.6	23.09	-0.07	23.5	**0.416**	1.099	0.457
	Band IV/RMC	3	Front	1513	1752.6	23.30	0.11	23.5	0.061	1.047	0.064
	Band IV/RMC	3	Back	1513	1752.6	23.30	0.14	23.5	0.111	1.047	0.116
	Band V/RMC	0	Front	4233	846.6	23.71	0.05	24.0	0.124	1.069	0.133
	Band V/RMC	0	Back	4233	846.6	23.71	-0.04	24.0	0.177	1.069	0.189
	Band V/RMC	4	Front	4183	836.6	23.78	0.10	24.0	0.412	1.052	0.433
21	Band V/RMC	4	Back	4183	836.6	23.78	-0.04	24.0	**0.586**	1.052	0.616
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#49	1	Front	18700	1860	22.57	0.05	23.0	0.226	1.104	0.250
22	Band2/1RB#49	1	Back	18700	1860	22.57	-0.02	23.0	**0.342**	1.104	0.378
	Band2/50%RB#49	1	Front	18700	1860	21.54	-0.04	22.0	0.204	1.112	0.227
	Band2/50%RB#49	1	Back	18700	1860	21.54	-0.16	22.0	0.315	1.112	0.350
	Band2/1RB#49	3	Front	18700	1860	22.84	-0.03	23.0	0.223	1.038	0.231
	Band2/1RB#49	3	Back	18700	1860	22.84	-0.11	23.0	0.313	1.038	0.325
	Band2/50%RB#49	3	Front	18700	1860	21.68	0.07	22.0	0.202	1.076	0.217
	Band2/50%RB#49	3	Back	18700	1860	21.68	-0.15	22.0	0.298	1.076	0.321
ANSI / IEEE C95.1 – SAFETY LIMIT Spatial Peak Uncontrolled Exposure/General Population						**1.6 W/kg (mW/g) Averaged over 1g**					

➢ FDD-LTE Band 4(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)
	Band4/1RB#49	1	Front	20300	1745	23.12	0.05	23.5	0.245	1.091	0.267
23	Band4/1RB#49	1	Back	20300	1745	23.12	-0.03	23.5	**0.388**	1.091	0.423
	Band4/50%RB#49	1	Front	20300	1745	22.06	-0.10	22.5	0.231	1.107	0.256
	Band4/50%RB#49	1	Back	20300	1745	22.06	0.03	22.5	0.351	1.107	0.389
	Band4/1RB#49	3	Front	20175	1732.5	23.15	-0.14	23.5	0.034	1.084	0.037

	Band4/1RB#49	3	Back	20175	1732.5	23.15	0.07	23.5	0.046	1.084	0.050
	Band4/50%RB#49	3	Front	20300	1745	22.06	-0.16	22.5	0.028	1.107	0.031
	Band4/50%RB#49	3	Back	20300	1745	22.06	0.15	22.5	0.041	1.107	0.045
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	0	Front	20450	829	23.61	0.02	24.0	0.089	1.094	0.097
	Band5/1RB#24	0	Back	20450	829	23.61	-0.02	24.0	0.174	1.094	0.190
	Band5/50%RB#12	0	Front	20525	836.5	22.57	-0.09	23.0	0.081	1.104	0.089
	Band5/50%RB#12	0	Back	20525	836.5	22.57	0.10	23.0	0.169	1.104	0.187
	Band5/1RB#24	4	Front	20525	836.5	23.71	0.01	24.0	0.294	1.069	0.314
24	Band5/1RB#24	4	Back	20525	836.5	23.71	-0.04	24.0	**0.434**	1.069	0.464
	Band5/50%RB#24	4	Front	20525	836.5	22.70	0.01	23.0	0.261	1.072	0.280
	Band5/50%RB#24	4	Back	20525	836.5	22.70	0.15	23.0	0.401	1.072	0.430
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#49	1	Front	20850	2510	22.71	0.02	23.0	0.657	1.069	0.702
25	Band7/1RB#49	1	Back	20850	2510	22.71	0.04	23.0	**0.984**	1.069	1.052
	Band7/1RB#49	1	Back	21100	2535	22.62	0.00	23.0	0.963	1.091	1.051
	Band7/1RB#49	1	Back	21350	2560	22.68	-0.09	23.0	0.881	1.076	0.948
	Band7/50%RB#49	1	Front	20850	2510	21.61	0.19	22.0	0.582	1.094	0.637
	Band7/50%RB#49	1	Back	20850	2510	21.61	-0.04	22.0	0.874	1.094	0.956
	Band7/50%RB#24	1	Back	21100	2535	21.61	0.03	22.0	0.859	1.094	0.940
	Band7/50%RB#0	1	Back	21350	2560	21.57	-0.20	22.0	0.792	1.104	0.874
	Band7/100%RB#0	1	Back	20850	2510	21.57	-0.04	22.0	0.809	1.104	0.893
	Band7/1RB#49	**1**	**Back**	**20850**	**2510**	**22.71**	**-0.12**	**23.0**	**0.962**	**1.069**	**1.028**
	Band7/1RB#49	3	Front	20850	2510	22.70	0.05	23.0	0.118	1.072	0.126
	Band7/1RB#49	3	Back	20850	2510	22.70	0.06	23.0	0.188	1.072	0.202
	Band7/50%RB#24	3	Front	20850	2510	21.53	0.16	22.0	0.102	1.114	0.114
	Band7/50%RB#24	3	Back	20850	2510	21.53	-0.07	22.0	0.172	1.114	0.192
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#49	1	Front	41140	2645	22.90	0.06	23.0	0.329	1.023	1.008	0.339
26	Band41/1RB#49	1	Back	41140	2645	22.90	0.08	23.0	**0.496**	1.023	1.008	0.511
	Band41/50%RB#24	1	Front	41140	2645	21.84	0.18	22.0	0.305	1.038	1.008	0.319
	Band41/50%RB#24	1	Back	41140	2645	21.84	0.03	22.0	0.465	1.038	1.008	0.487
	Band41/1RB#49	3	Front	41140	2645	22.83	-0.03	23.0	0.223	1.040	1.008	0.234
	Band41/1RB#49	3	Back	41140	2645	22.83	-0.08	23.0	0.408	1.040	1.008	0.428
	Band41/50%RB#0	3	Front	41140	2645	21.80	0.01	22.0	0.202	1.047	1.008	0.213
	Band41/50%RB#0	3	Back	41140	2645	21.80	-0.03	22.0	0.356	1.047	1.008	0.376
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	14	Front	1	2412	18.38	0.03	18.5	0.041	1.028	1.000	0.042
27	2.4GHz/802.11b	14	Back	1	2412	18.38	0.08	18.5	**0.063**	1.028	1.000	0.065
	2.4GHz/802.11b	13	Front	11	2462	17.52	0.11	18.0	0.031	1.117	1.000	0.035
	2.4GHz/802.11b	13	Back	11	2462	17.52	0.07	18.0	0.048	1.117	1.000	0.053
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	14	Front	48	5240	15.30	0.06	15.5	0.037	1.047	1.000	0.039
28	5.2GHz/802.11a	14	Back	48	5240	15.30	-0.08	15.5	**0.075**	1.047	1.000	0.079
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	14	Front	56	5280	14.49	0.12	14.5	0.042	1.002	1.000	0.042
29	5.3GHz/802.11a	14	Back	56	5280	14.49	0.00	14.5	**0.085**	1.002	1.000	0.085
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	14	Front	140	5700	13.39	0.03	13.5	0.044	1.026	1.000	0.045
30	5.6GHz/802.11a	14	Back	140	5700	13.39	0.00	13.5	**0.082**	1.026	1.000	0.084
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	14	Front	165	5825	15.81	0.02	16.5	0.048	1.172	1.000	0.056
31	5.8GHz/802.11a	14	Back	165	5825	15.81	0.00	16.5	**0.084**	1.172	1.000	0.099
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	14	Front	0	2402	10.94	0.02	11.5	0.009	1.138	1.000	0.010
	BT/GFSK	14	Back	0	2402	10.94	0.00	11.5	0.015	1.138	1.000	0.017
	BT/GFSK	13	Front	78	2480	10.28	0.12	10.5	0.015	1.052	1.000	0.016
32	BT/GFSK	13	Back	78	2480	10.28	0.07	10.5	**0.034**	1.052	1.000	0.036
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 ≤0.8W/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 ≥0.8W/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)
	GPRS850/4 slots	0	Front	190	836.6	29.01	0.08	29.5	0.235	1.119	0.263
	GPRS850/4 slots	0	Back	190	836.6	29.01	-0.06	29.5	0.288	1.119	0.322
	GPRS850/4 slots	0	Right	190	836.6	29.01	0.20	29.5	0.264	1.119	0.295
	GPRS850/4 slots	0	Bottom	190	836.6	29.01	0.07	29.5	0.198	1.119	0.222
	GPRS850/3 slots	4	Front	128	824.2	29.29	0.04	29.5	0.255	1.050	0.268
17	GPRS850/3 slots	4	Back	128	824.2	29.29	-0.04	29.5	**0.393**	1.050	0.413
	GPRS850/3 slots	4	Left	128	824.2	29.29	0.10	29.5	0.268	1.050	0.281
	GPRS1900/2 slots	1	Front	661	1880	28.39	0.11	28.5	0.542	1.026	0.556
18	GPRS1900/2 slots	1	Back	661	1880	28.39	-0.09	28.5	**0.658**	1.026	0.675
	GPRS1900/2 slots	1	Left	661	1880	28.39	-0.04	28.5	0.313	1.026	0.321
	GPRS1900/2 slots	1	Bottom	661	1880	28.39	0.00	28.5	0.504	1.026	0.517
	GPRS1900/2 slots	3	Front	512	1850.2	28.69	0.04	29.0	0.154	1.074	0.165
	GPRS1900/2 slots	3	Back	512	1850.2	28.69	-0.08	29.0	0.251	1.074	0.270
	GPRS1900/2 slots	3	Left	512	1850.2	28.69	0.06	29.0	0.359	1.074	0.386
	GPRS1900/2 slots	3	Top	512	1850.2	28.69	0.15	29.0	0.114	1.074	0.122
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	1	Front	9400	1880	22.78	0.03	23.0	0.566	1.052	0.595
19	Band II/RMC	1	Back	9400	1880	22.78	-0.01	23.0	**0.682**	1.052	0.717
	Band II/RMC	1	Left	9400	1880	22.78	-0.06	23.0	0.320	1.052	0.337
	Band II/RMC	1	Bottom	9400	1880	22.78	0.14	23.0	0.527	1.052	0.554
	Band II/RMC	3	Front	9262	1852.4	23.20	-0.01	23.5	0.084	1.072	0.090
	Band II/RMC	3	Back	9262	1852.4	23.20	-0.01	23.5	0.147	1.072	0.158
	Band II/RMC	3	Left	9262	1852.4	23.20	0.15	23.5	0.264	1.072	0.283
	Band II/RMC	3	Top	9262	1852.4	23.20	0.18	23.5	0.062	1.072	0.066
	Band IV/RMC	1	Front	1513	1752.6	23.09	0.07	23.5	0.320	1.099	0.352
	Band IV/RMC	1	Back	1513	1752.6	23.09	-0.07	23.5	0.416	1.099	0.457
	Band IV/RMC	1	Left	1513	1752.6	23.09	0.03	23.5	0.345	1.099	0.379
33	Band IV/RMC	1	Bottom	1513	1752.6	23.09	0.05	23.5	**0.679**	1.099	0.746
	Band IV/RMC	3	Front	1513	1752.6	23.30	0.11	23.5	0.061	1.047	0.064
	Band IV/RMC	3	Back	1513	1752.6	23.30	0.14	23.5	0.111	1.047	0.116
	Band IV/RMC	3	Left	1513	1752.6	23.30	0.10	23.5	0.105	1.047	0.110
	Band IV/RMC	3	Top	1513	1752.6	23.30	0.06	23.5	0.044	1.047	0.046
	Band V/RMC	0	Front	4233	846.6	23.71	0.05	24.0	0.124	1.069	0.133
	Band V/RMC	0	Back	4233	846.6	23.71	-0.04	24.0	0.177	1.069	0.189
	Band V/RMC	0	Right	4233	846.6	23.71	0.05	24.0	0.158	1.069	0.169
	Band V/RMC	0	Bottom	4233	846.6	23.71	-0.05	24.0	0.084	1.069	0.090
	Band V/RMC	4	Front	4183	836.6	23.78	0.10	24.0	0.412	1.052	0.433
	Band V/RMC	4	Back	4183	836.6	23.78	-0.04	24.0	0.586	1.052	0.616
	Band V/RMC	4	Left	4183	836.6	23.78	0.14	24.0	0.895	1.052	0.942
	Band V/RMC	4	Left	4132	826.4	23.73	0.07	24.0	0.765	1.064	0.814
34	Band V/RMC	4	Left	4233	846.6	23.72	0.12	24.0	**1.060**	1.067	1.131
	Band V/RMC	**4**	**Left**	**4233**	**846.6**	**23.72**	**0.03**	**24.0**	**1.020**	**1.067**	**1.088**
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#49	1	Front	18700	1860	22.57	0.05	23.0	0.226	1.104	0.250
	Band2/1RB#49	1	Back	18700	1860	22.57	-0.02	23.0	0.342	1.104	0.378
	Band2/1RB#49	1	Left	18700	1860	22.57	0.05	23.0	0.136	1.104	0.150
35	Band2/1RB#49	1	Bottom	18700	1860	22.57	-0.15	23.0	**0.439**	1.104	0.485
	Band2/50%RB#49	1	Front	18700	1860	21.54	-0.04	22.0	0.204	1.112	0.227
	Band2/50%RB#49	1	Back	18700	1860	21.54	-0.16	22.0	0.315	1.112	0.350
	Band2/50%RB#49	1	Left	18700	1860	21.54	0.11	22.0	0.121	1.112	0.135
	Band2/50%RB#49	1	Bottom	18700	1860	21.54	-0.02	22.0	0.406	1.112	0.451
	Band2/1RB#49	3	Front	18700	1860	22.84	-0.03	23.0	0.223	1.038	0.231
	Band2/1RB#49	3	Back	18700	1860	22.84	-0.11	23.0	0.313	1.038	0.325
	Band2/1RB#49	3	Left	18700	1860	22.84	0.17	23.0	0.411	1.038	0.427
	Band2/1RB#49	3	Top	18700	1860	22.84	-0.13	23.0	0.158	1.038	0.164
	Band2/50%RB#49	3	Front	18700	1860	21.68	0.07	22.0	0.202	1.076	0.217
	Band2/50%RB#49	3	Back	18700	1860	21.68	-0.15	22.0	0.298	1.076	0.321
	Band2/50%RB#49	3	Left	18700	1860	21.68	0.05	22.0	0.378	1.076	0.407
	Band2/50%RB#49	3	Top	18700	1860	21.68	0.07	22.0	0.185	1.076	0.199
ANSI / IEEE C95.1 – SAFETY LIMIT Spatial Peak Uncontrolled Exposure/General Population						**1.6 W/kg (mW/g) Averaged over 1g**					

➢ FDD-LTE Band 4(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)
	Band4/1RB#49	1	Front	20300	1745	23.12	0.05	23.5	0.245	1.091	0.267
	Band4/1RB#49	1	Back	20300	1745	23.12	-0.03	23.5	0.388	1.091	0.423
	Band4/1RB#49	1	Left	20300	1745	23.12	0.06	23.5	0.126	1.091	0.137
36	Band4/1RB#49	1	Bottom	20300	1745	23.12	0.00	23.5	**0.434**	1.091	0.473
	Band4/50%RB#49	1	Front	20300	1745	22.06	-0.10	22.5	0.231	1.107	0.256
	Band4/50%RB#49	1	Back	20300	1745	22.06	0.03	22.5	0.351	1.107	0.389
	Band4/50%RB#49	1	Left	20300	1745	22.06	0.19	22.5	0.105	1.107	0.116
	Band4/50%RB#49	1	Bottom	20300	1745	22.06	-0.09	22.5	0.412	1.107	0.456
	Band4/1RB#49	3	Front	20175	1732.5	23.15	-0.14	23.5	0.034	1.084	0.037
	Band4/1RB#49	3	Back	20175	1732.5	23.15	0.07	23.5	0.046	1.084	0.050
	Band4/1RB#49	3	Left	20175	1732.5	23.15	0.05	23.5	0.059	1.084	0.064
	Band4/1RB#49	3	Top	20175	1732.5	23.15	0.13	23.5	0.028	1.084	0.030
	Band4/50%RB#49	3	Front	20300	1745	22.06	-0.16	22.5	0.028	1.107	0.031
	Band4/50%RB#49	3	Back	20300	1745	22.06	0.15	22.5	0.041	1.107	0.045
	Band4/50%RB#49	3	Left	20300	1745	22.06	0.08	22.5	0.055	1.107	0.061
	Band4/50%RB#49	3	Top	20300	1745	22.06	-0.11	22.5	0.024	1.107	0.027
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 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	0	Front	20450	829	23.61	0.02	24.0	0.089	1.094	0.097
	Band5/1RB#24	0	Back	20450	829	23.61	-0.02	24.0	0.174	1.094	0.190
	Band5/1RB#24	0	Right	20450	829	23.61	0.04	24.0	0.162	1.094	0.177
	Band5/1RB#24	0	Bottom	20450	829	23.61	-0.15	24.0	0.042	1.094	0.046
	Band5/50%RB#12	0	Front	20525	836.5	22.57	-0.09	23.0	0.081	1.104	0.089
	Band5/50%RB#12	0	Back	20525	836.5	22.57	0.10	23.0	0.169	1.104	0.187
	Band5/50%RB#12	0	Right	20525	836.5	22.57	0.18	23.0	0.153	1.104	0.169
	Band5/50%RB#12	0	Bottom	20525	836.5	22.57	0.00	23.0	0.039	1.104	0.043
	Band5/1RB#24	4	Front	20525	836.5	23.71	0.01	24.0	0.294	1.069	0.314
	Band5/1RB#24	4	Back	20525	836.5	23.71	-0.04	24.0	0.434	1.069	0.464
37	Band5/1RB#24	4	Left	20525	836.5	23.71	0.12	24.0	**0.877**	1.069	0.938
	Band5/1RB#24	4	Left	20450	829	23.67	-0.08	24.0	0.805	1.079	0.869
	Band5/1RB#0	4	Left	20600	844	23.59	0.06	24.0	0.844	1.099	0.928
	Band5/50%RB#24	4	Front	20525	836.5	22.70	0.01	23.0	0.261	1.072	0.280
	Band5/50%RB#24	4	Back	20525	836.5	22.70	0.15	23.0	0.401	1.072	0.430
	Band5/50%RB#24	4	Left	20525	836.5	22.70	0.03	23.0	0.744	1.072	0.798
	Band5/100%RB#0	4	Left	20525	836.5	22.63	-0.05	23.0	0.725	1.089	0.790
	Band5/1RB#24	**4**	**Left**	**20525**	**836.5**	**23.71**	**0.05**	**24.0**	**0.858**	**1.069**	**0.917**
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 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#49	1	Front	20850	2510	22.71	0.02	23.0	0.657	1.069	0.702
25	Band7/1RB#49	1	Back	20850	2510	22.71	0.04	23.0	**0.984**	1.069	1.052
	Band7/1RB#49	1	Left	20850	2510	22.71	0.06	23.0	0.284	1.069	0.304
	Band7/1RB#49	1	Bottom	20850	2510	22.71	0.05	23.0	0.974	1.069	1.041
	Band7/1RB#49	1	Back	21100	2535	22.62	0.00	23.0	0.963	1.091	1.051
	Band7/1RB#49	1	Back	21350	2560	22.68	-0.09	23.0	0.881	1.076	0.948
	Band7/1RB#49	1	Bottom	21100	2535	22.62	0.06	23.0	0.865	1.091	0.944
	Band7/1RB#49	1	Bottom	21350	2560	22.68	-0.01	23.0	0.782	1.076	0.841
	Band7/50%RB#49	1	Front	20850	2510	21.61	0.19	22.0	0.582	1.094	0.637
	Band7/50%RB#49	1	Back	20850	2510	21.61	-0.04	22.0	0.874	1.094	0.956
	Band7/50%RB#49	1	Left	20850	2510	21.61	0.16	22.0	0.251	1.094	0.275
	Band7/50%RB#49	1	Bottom	20850	2510	21.61	0.20	22.0	0.725	1.094	0.793
	Band7/50%RB#24	1	Back	21100	2535	21.61	0.03	22.0	0.859	1.094	0.940
	Band7/50%RB#0	1	Back	21350	2560	21.57	-0.20	22.0	0.792	1.104	0.874
	Band7/100%RB#0	1	Back	20850	2510	21.57	-0.04	22.0	0.809	1.104	0.893
	Band7/1RB#49	1	Back	20850	2510	22.71	-0.12	23.0	0.962	1.069	1.028
	Band7/1RB#49	3	Front	20850	2510	22.70	0.05	23.0	0.118	1.072	0.126
	Band7/1RB#49	3	Back	20850	2510	22.70	0.06	23.0	0.188	1.072	0.202
	Band7/1RB#49	3	Left	20850	2510	22.70	-0.20	23.0	0.206	1.072	0.221
	Band7/1RB#49	3	Top	20850	2510	22.70	-0.14	23.0	0.075	1.072	0.080
	Band7/50%RB#24	3	Front	20850	2510	21.53	0.16	22.0	0.102	1.114	0.114
	Band7/50%RB#24	3	Back	20850	2510	21.53	-0.07	22.0	0.172	1.114	0.192
	Band7/50%RB#24	3	Left	20850	2510	21.53	-0.01	22.0	0.192	1.114	0.214
	Band7/50%RB#24	3	Top	20850	2510	21.53	-0.15	22.0	0.071	1.114	0.079
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 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)
	Band41/1RB#49	1	Front	41140	2645	22.90	0.06	23.0	0.329	1.023	1.008	0.339
	Band41/1RB#49	1	Back	41140	2645	22.90	0.08	23.0	0.496	1.023	1.008	0.511
	Band41/1RB#49	1	Left	41140	2645	22.90	-0.05	23.0	0.142	1.023	1.008	0.146
38	Band41/1RB#49	1	Bottom	41140	2645	22.90	-0.12	23.0	**0.570**	1.023	1.008	0.588
	Band41/50%RB#24	1	Front	41140	2645	21.84	0.18	22.0	0.305	1.038	1.008	0.319
	Band41/50%RB#24	1	Back	41140	2645	21.84	0.03	22.0	0.465	1.038	1.008	0.487
	Band41/50%RB#24	1	Left	41140	2645	21.84	0.18	22.0	0.129	1.038	1.008	0.135
	Band41/50%RB#24	1	Bottom	41140	2645	21.84	-0.20	22.0	0.531	1.038	1.008	0.556
	Band41/1RB#49	3	Front	41140	2645	22.83	-0.03	23.0	0.223	1.040	1.008	0.234
	Band41/1RB#49	3	Back	41140	2645	22.83	-0.08	23.0	0.408	1.040	1.008	0.428
	Band41/1RB#49	3	Left	41140	2645	22.83	0.02	23.0	0.419	1.040	1.008	0.439
	Band41/1RB#49	3	Top	41140	2645	22.83	-0.13	23.0	0.162	1.040	1.008	0.170
	Band41/50%RB#0	3	Front	41140	2645	21.80	0.01	22.0	0.202	1.047	1.008	0.213
	Band41/50%RB#0	3	Back	41140	2645	21.80	-0.03	22.0	0.356	1.047	1.008	0.376
	Band41/50%RB#0	3	Left	41140	2645	21.80	-0.15	22.0	0.389	1.047	1.008	0.411
	Band41/50%RB#0	3	Top	41140	2645	21.80	0.06	22.0	0.194	1.047	1.008	0.205
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 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	14	Front	1	2412	18.38	0.03	18.5	0.041	1.028	1.000	0.042
	2.4GHz/802.11b	14	Back	1	2412	18.38	0.08	18.5	0.063	1.028	1.000	0.065
	2.4GHz/802.11b	14	Right	1	2412	18.38	-0.04	18.5	0.029	1.028	1.000	0.030
	2.4GHz/802.11b	14	Top	1	2412	18.38	-0.06	18.5	0.069	1.028	1.000	0.071
	2.4GHz/802.11b	13	Front	11	2462	17.52	0.11	18.0	0.031	1.117	1.000	0.035
	2.4GHz/802.11b	13	Back	11	2462	17.52	0.07	18.0	0.048	1.117	1.000	0.053
39	2.4GHz/802.11b	13	Right	11	2462	17.52	0.07	18.0	**0.074**	1.117	1.000	0.083
	2.4GHz/802.11b	13	Top	11	2462	17.52	-0.08	18.0	0.022	1.117	1.000	0.025
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	14	Front	48	5240	15.30	0.06	15.5	0.037	1.047	1.000	0.039
	5.2GHz/802.11a	14	Back	48	5240	15.30	-0.08	15.5	0.075	1.047	1.000	0.079
	5.2GHz/802.11a	14	Right	48	5240	15.30	-0.04	15.5	0.022	1.047	1.000	0.023
40	5.2GHz/802.11a	14	Top	48	5240	15.30	-0.03	15.5	**0.149**	1.047	1.000	0.156
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	14	Front	165	5825	15.81	0.02	16.5	0.048	1.172	1.000	0.056
	5.8GHz/802.11a	14	Back	165	5825	15.81	0.00	16.5	0.084	1.172	1.000	0.099
	5.8GHz/802.11a	14	Right	165	5825	15.81	0.03	16.5	0.027	1.172	1.000	0.032
43	5.8GHz/802.11a	14	Top	165	5825	15.81	0.04	16.5	**0.177**	1.172	1.000	0.207
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	14	Front	0	2402	10.94	0.02	11.5	0.009	1.138	1.000	0.010
	BT/GFSK	14	Back	0	2402	10.94	0.00	11.5	0.015	1.138	1.000	0.017
	BT/GFSK	14	Right	0	2402	10.94	0.04	11.5	0.005	1.138	1.000	0.006
	BT/GFSK	14	Top	0	2402	10.94	-0.05	11.5	0.012	1.138	1.000	0.014
	BT/GFSK	13	Front	78	2480	10.28	0.12	10.5	0.015	1.052	1.000	0.016
32	BT/GFSK	13	Back	78	2480	10.28	0.07	10.5	**0.034**	1.052	1.000	0.036
	BT/GFSK	13	Right	78	2480	10.28	0.02	10.5	0.022	1.052	1.000	0.023
	BT/GFSK	13	Top	78	2480	10.28	0.11	10.5	0.011	1.052	1.000	0.012
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 447498 D04v01, for each exposure position, if the highest output channel Reported SAR ≤0.8W/kg, other channels SAR testing is not necessary.
2. Additional WLAN SAR testing was performed for simultaneous transmission analysis.
3. 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.
4. 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.
5. Per KDB 865664 D01v01r04, for each frequency band, repeated SAR measurement is required when the measured SAR is ≥0.8W/kg.
6. 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 Repeated SAR measurement

Band/ Mode	ANT	Test Position	CH.	Freq. (MHz)	Measured SAR (W/kg)				
					Original	1st Repeated		2nd Repeated	
						Value	Ratio	Value	Ratio
Band2/1RB#99	3	Right Cheek	19100	1900	1.130	1.090	1.04	/	/
Band41/1RB#49	3	Right Cheek	40140	2545	0.950	0.934	1.02	/	/
Band V/RMC	4	Left	4233	846.6	1.060	1.020	1.04	/	/
Band5/1RB#24	4	Left	20525	836.5	0.877	0.858	1.02	/	/
Band7/1RB#49	1	Back	20850	2510	0.984	0.962	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.

15.5 Multi-Band Simultaneous Transmission Considerations

➢ **Simultaneous Transmission Capabilities**

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

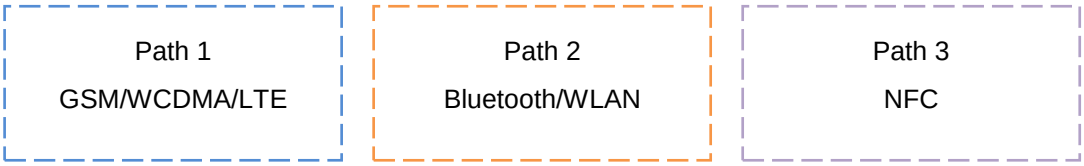


Fig.15.1 Simultaneous Transmission Paths

➢ **Simultaneous Transmission Procedures**

This device contains transmitters that may operate simultaneously. Therefore simultaneous transmission analysis is required. Per FCC KDB 447498 D04v01, simultaneous transmission SAR test exclusion may be applied when the sum of the 1-g SAR for all the simultaneous transmitting antennas in a specific a physical test configuration is ≤ 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.

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

Mode	Max. Power (dBm)	Max. Power (mW)	Exposure Position	Head	Body	Hotspot
NFC	-50.25	0.0000094	Estimated SAR (W/kg)	0.000	0.000	0.000

Note:

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

➢ **Multi-Band simultaneous Transmission Consideration**

	Position	Applicable Combination
Simultaneous Transmission Consideration	Head	WWAN (Voice) + WLAN 2.4 GHz/5.2 GHz/5.3 GHz/5.6 GHz/5.8 GHz+ NFC
		WWAN (Voice) + Bluetooth+ NFC
	Body	WWAN (Data) + WLAN 2.4 GHz/5.2 GHz/5.3 GHz/5.6 GHz/5.8 GHz+ NFC
		WWAN (Data) + Bluetooth+ NFC
	Hotspot	WWAN (Data) + WLAN 2.4 GHz/5.2GHz/5.8GH+ NFC
		WWAN (Data) + Bluetooth+ NFC

Note:

1. WLAN 2.4GHz Band, WLAN 5.2GHz Band, WLAN 5.3GHz Band, WLAN 5.6GHz Band, WLAN 5.8GHz Band and Bluetooth share the same antenna, and cannot transmit simultaneously.
2. GSM/WCDMA/LTE shares the same antenna, and cannot transmit simultaneously.
3. The Report SAR summation is calculated based on the same configuration and test position.
4. Per KDB 447498 D04v01, simultaneous transmission SAR is compliant if,
   i. Scalar SAR summation < 1.6 W/kg.
   ii. SPLSR = $(SAR_1 + SAR_2)^{1.5}$ / (*min. 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 ≤ 0.04, simultaneously transmission SAR measurement is not necessary
   iii. Simultaneously transmission SAR measurement, and the Reported multi-band SAR < 1.6 W/kg

15.6 SAR Simultaneous Transmission Analysis

➢ **Simultaneous Transmission**

Position		Standalone SAR(W/kg)					Σ SAR_{1g} (W/kg)		
		1	2	3	4	5	1+2+5	1+3+5	1+4+5
		WWAN	2.4G WLAN	5G WLAN	BT	NFC			
Head	Right Cheek	1.183	0.129	0.158	0.044	0	1.312	1.341	1.227
	Right Tilted	0.703	0.076	0.255	0.023	0	0.779	0.958	0.726
	Left Cheek	0.607	0.226	0.262	0.069	0	0.833	0.869	0.676
	Left Tilted	0.420	0.210	0.336	0.040	0	0.630	0.756	0.460
Body-worn	Front	0.702	0.042	0.056	0.016	0	0.744	0.758	0.718
	Back	1.052	0.065	0.099	0.036	0	1.117	1.151	1.088
Hotspot	Front	0.702	0.042	0.056	0.016	0	0.744	0.758	0.718
	Back	1.052	0.065	0.099	0.036	0	1.117	1.151	1.088
	Left	1.131	/	/	/	0	1.131	1.131	1.131
	Right	0.295	0.083	0.032	0.023	0	0.378	0.327	0.318
	Top	0.205	0.071	/	/	0	0.276	0.205	0.205
	Bottom	1.041	/	0.207	0.014	0	1.041	1.248	1.055

➢ **Simultaneous Transmission Conclusion**

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

15.7 Measurement Uncertainty

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

15.8 Measurement Conclusion

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

16 Reference

[1]. FCC 47 CFR Part 2 “Frequency Allocations and Radio Treaty Matters; General Rules and Regulations”

[2]. ANSI/IEEE Std. C95.1-1992, “IEEE Standard for Safety Levels with Respect to Human Exposure to Radio Frequency Electromagnetic Fields, 3 kHz to 300 GHz”, September 1992

[3]. IEC/IEEE 62209-1528:2020, “Measurement procedure for the assessment of specific absorption rate of human exposure to radio frequency fields from hand-held and body-mounted wireless communication devices –Part 1528: Human models, instrumentation, and procedures (Frequency range of 4 MHz to 10 GHz)”, October 2020

[4]. SPEAG DASY52 System Handbook

[5]. FCC KDB 248227 D01 v02r02, “SAR GUIDANCE FOR IEEE 802.11 (Wi-Fi) TRANSMITTERS”, October 2015

[6]. FCC KDB 447498 D04 v01, “RF EXPOSURE PROCEDURES AND EQUIPMENT AUTHORIZATION POLICIES FOR MOBILE AND PORTABLE DEVICES”, November 2021

[7]. FCC KDB 648474 D04 v01r03, “SAR EVALUATION CONSIDERATIONS FOR WIRELESS HANDSETS”, October 2015

[8]. FCC KDB 941225 D01 v03r01, “3G SAR MEAUREMENT PROCEDURES”, October 2015

[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: 04.20.2024

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

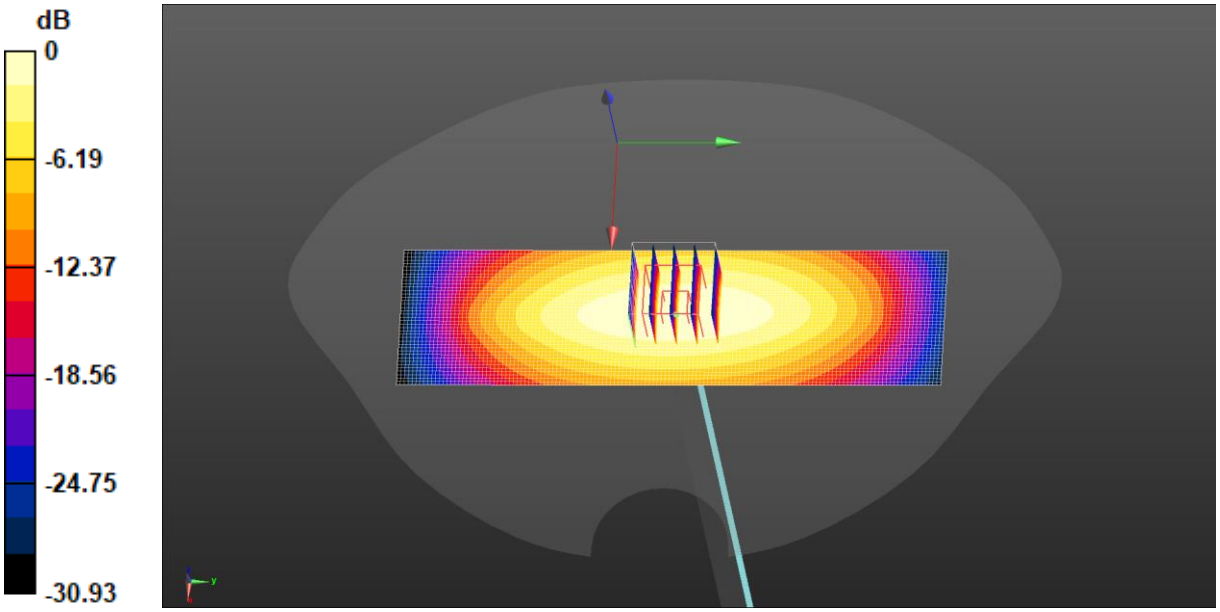
Communication System: UID 0, CW (0); Frequency: 835 MHz;Duty Cycle: 1:1
Medium parameters used (interpolated): f = 835 MHz; σ = 0.908 S/m; ε_r = 41.038; ρ = 1000 kg/m^3
Phantom section: Flat Section

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 Frequency835 MHz Head Tissue/d=15mm, Pin=80 mW, dist=1.4mm (EX-Probe)/Area Scan (41x141x1): Interpolated grid: dx=1.500 mm, dy=1.500 mm
Maximum value of SAR (interpolated) = 1.08 W/kg

System Performance Check at Frequency835 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 = 34.27 V/m; Power Drift = -0.12 dB
Peak SAR (extrapolated) = 1.18 W/kg
SAR(1 g) = 0.794 W/kg; SAR(10 g) = 0.516 W/kg
Smallest distance from peaks to all points 3 dB below = 16.1 mm
Ratio of SAR at M2 to SAR at M1 = 62.7%
Maximum value of SAR (measured) = 1.08 W/kg



0 dB = 1.08 W/kg = 0.33 dBW/kg

Test Laboratory: JYTSZ Date: 04.22.2024

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

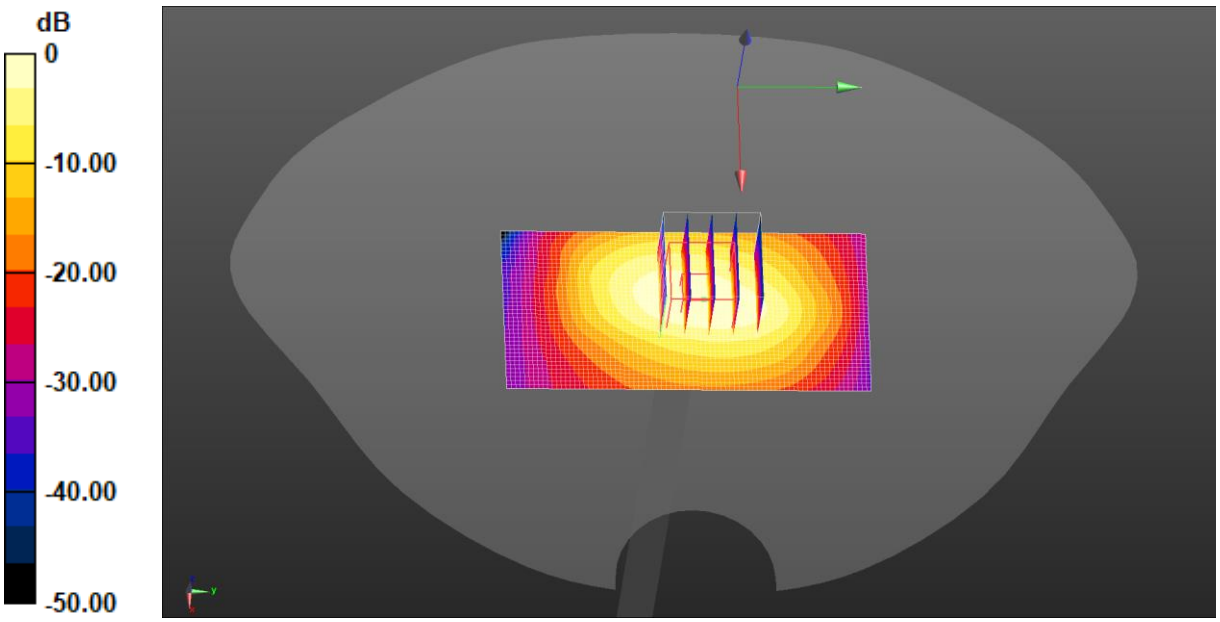
Communication System: UID 0, CW (0); Frequency: 1750 MHz;Duty Cycle: 1:1
Medium parameters used: f = 1750 MHz; σ = 1.366 S/m; ε_r = 38.363; ρ = 1000 kg/m^3
Phantom section: Flat Section

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 Frequency1750 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) = 2.36 W/kg

System Performance Check at Frequency1750 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 = 38.15 V/m; Power Drift = -0.13 dB
Peak SAR (extrapolated) = 2.73 W/kg
SAR(1 g) = 1.49 W/kg; SAR(10 g) = 0.811 W/kg
Smallest distance from peaks to all points 3 dB below = 9.6 mm
Ratio of SAR at M2 to SAR at M1 = 55.1%
Maximum value of SAR (measured) = 2.33 W/kg



0 dB = 2.36 W/kg = 3.73 dBW/kg

Test Laboratory: JYTSZ Date: 04.24.2024

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

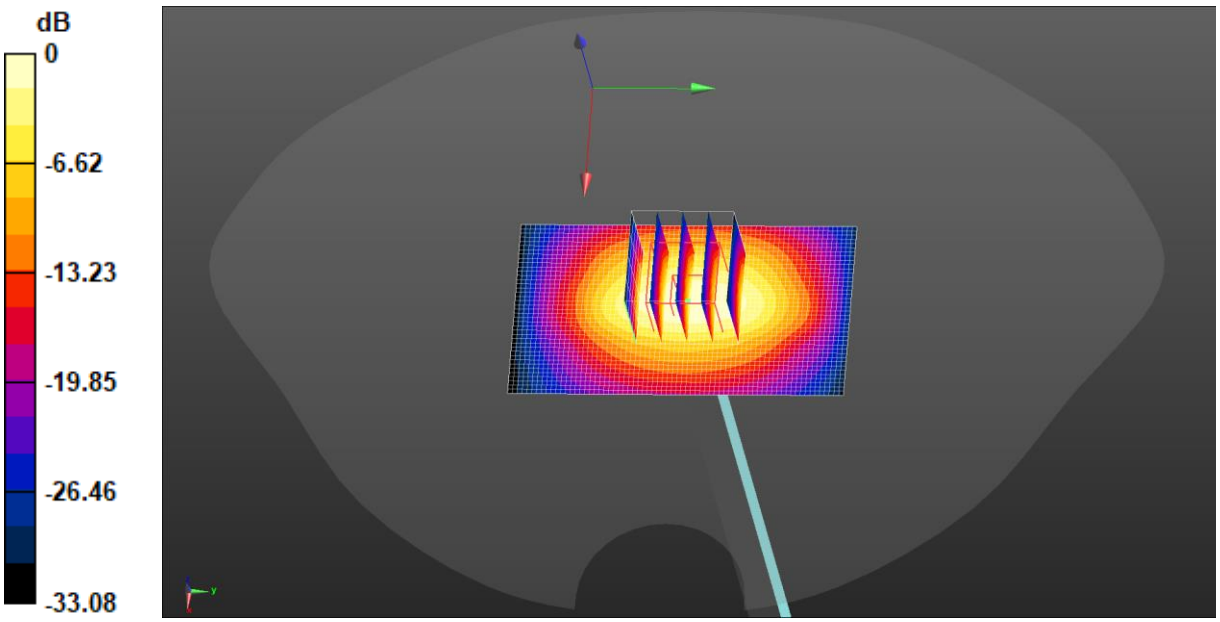
Communication System: UID 0, CW (0); Frequency: 1900 MHz;Duty Cycle: 1:1
Medium parameters used: f = 1900 MHz; σ = 1.395 S/m; ε_r = 38.284; ρ = 1000 kg/m^3
Phantom section: Flat Section

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 Frequency1900 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) = 2.74 W/kg

System Performance Check at Frequency1900 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 = 41.80 V/m; Power Drift = 0.06 dB
Peak SAR (extrapolated) = 3.17 W/kg
SAR(1 g) = 1.67 W/kg; SAR(10 g) = 0.864 W/kg
Smallest distance from peaks to all points 3 dB below = 9.6 mm
Ratio of SAR at M2 to SAR at M1 = 52.7%
Maximum value of SAR (measured) = 2.62 W/kg



0 dB = 2.74 W/kg = 4.38 dBW/kg

Test Laboratory: JYTSZ Date: 04.26.2024

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

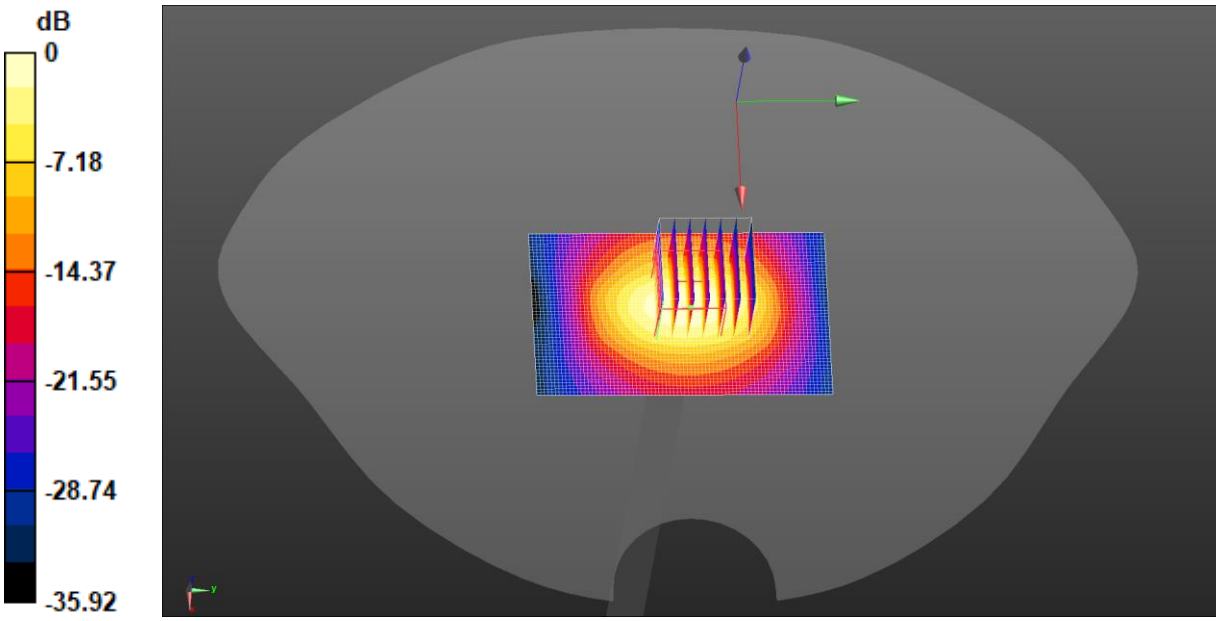
Communication System: UID 0, CW (0); Frequency: 2450 MHz;Duty Cycle: 1:1
Medium parameters used: f = 2450 MHz; σ = 1.793 S/m; ε_r = 37.625; ρ = 1000 kg/m^3
Phantom section: Flat Section

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 Frequency2450 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) = 3.58 W/kg

System Performance Check at Frequency2450 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 = 43.43 V/m; Power Drift = -0.05 dB
Peak SAR (extrapolated) = 4.38 W/kg
SAR(1 g) = 2.1 W/kg; SAR(10 g) = 0.952 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) = 3.31 W/kg



0 dB = 3.58 W/kg = 5.54 dBW/kg

Test Laboratory: JYTSZ Date: 04.28.2024

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

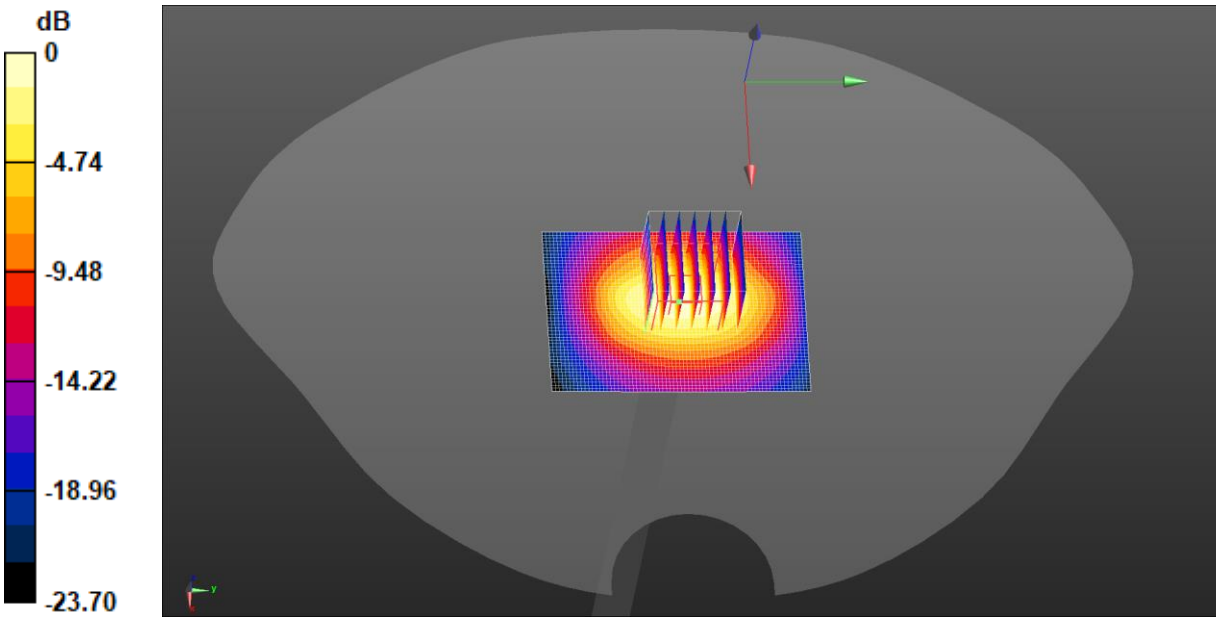
Communication System: UID 0, CW (0); Frequency: 2600 MHz;Duty Cycle: 1:1
Medium parameters used: f = 2600 MHz; σ = 1.956 S/m; ε_r = 37.435; ρ = 1000 kg/m^3
Phantom section: Flat Section

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 Frequency2600 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 = 42.31 V/m; Power Drift = 0.12 dB
Peak SAR (extrapolated) = 4.51 W/kg
SAR(1 g) = 2.22 W/kg; SAR(10 g) = 0.980 W/kg
Smallest distance from peaks to all points 3 dB below = 9 mm
Ratio of SAR at M2 to SAR at M1 = 47.6%
Maximum value of SAR (measured) = 3.40 W/kg

System Performance Check at Frequency2600 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) = 3.83 W/kg



0 dB = 3.40 W/kg = 5.31 dBW/kg

Test Laboratory: JYTSZ Date: 04.30.2024

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

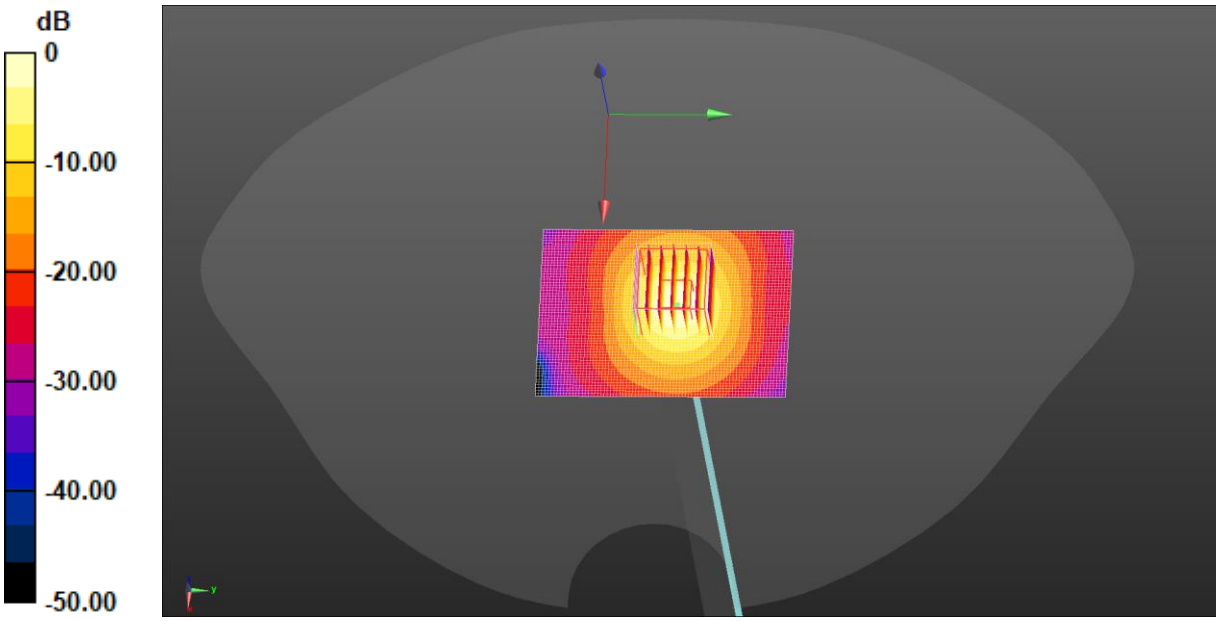
Communication System: UID 0, CW (0); Frequency: 5200 MHz;Duty Cycle: 1:1
Medium parameters used: f = 5200 MHz; σ = 4.649 S/m; ε_r = 34.834; ρ = 1000 kg/m^3
Phantom section: Flat Section

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) = 8.18 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 = 39.02 V/m; Power Drift = -0.00 dB
Peak SAR (extrapolated) = 12.6 W/kg
SAR(1 g) = 3.16 W/kg; SAR(10 g) = 0.910 W/kg
Smallest distance from peaks to all points 3 dB below = 7.2 mm
Ratio of SAR at M2 to SAR at M1 = 55.2%
Maximum value of SAR (measured) = 7.91 W/kg



0 dB = 7.91 W/kg = 8.98 dBW/kg

Test Laboratory: JYTSZ Date: 04.30.2024

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

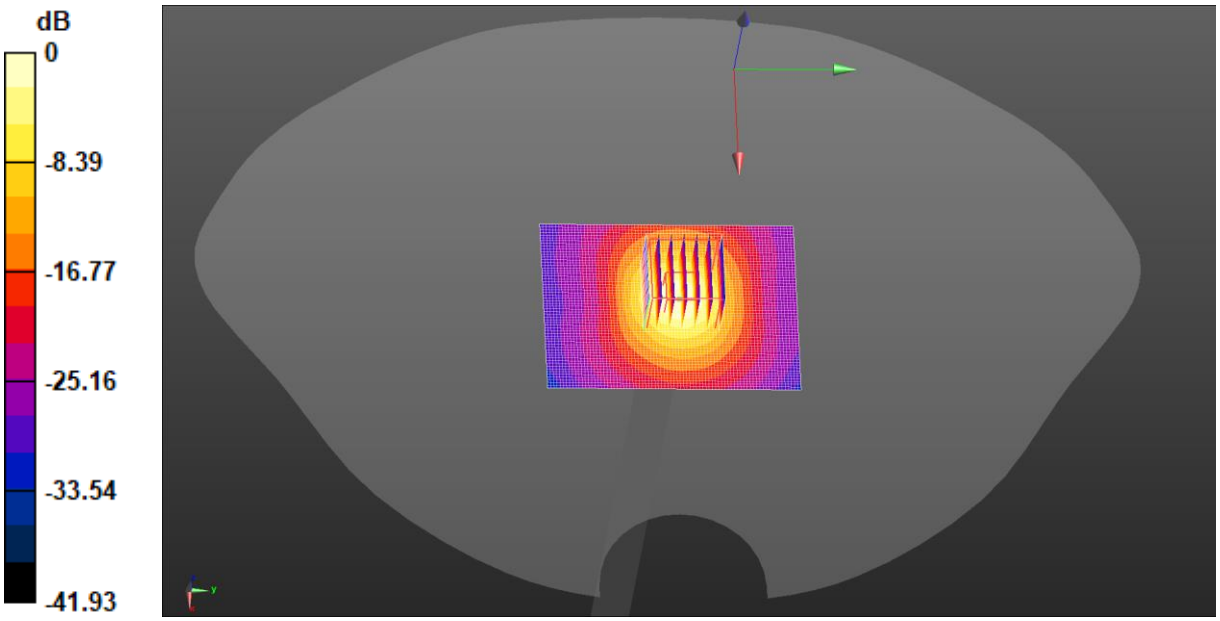
Communication System: UID 0, CW (0); Frequency: 5300 MHz;Duty Cycle: 1:1
Medium parameters used: f = 5300 MHz; σ = 4.751 S/m; ε_r = 34.72; ρ = 1000 kg/m^3
Phantom section: Flat Section

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 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) = 8.57 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 = 44.62 V/m; Power Drift = 0.14 dB
Peak SAR (extrapolated) = 14.6 W/kg
SAR(1 g) = 3.22 W/kg; SAR(10 g) = 0.918 W/kg
Smallest distance from peaks to all points 3 dB below = 7.2 mm
Ratio of SAR at M2 to SAR at M1 = 53.2%
Maximum value of SAR (measured) = 8.33 W/kg



0 dB = 8.33 W/kg = 9.21 dBW/kg

Test Laboratory: JYTSZ Date: 05.02.2024

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

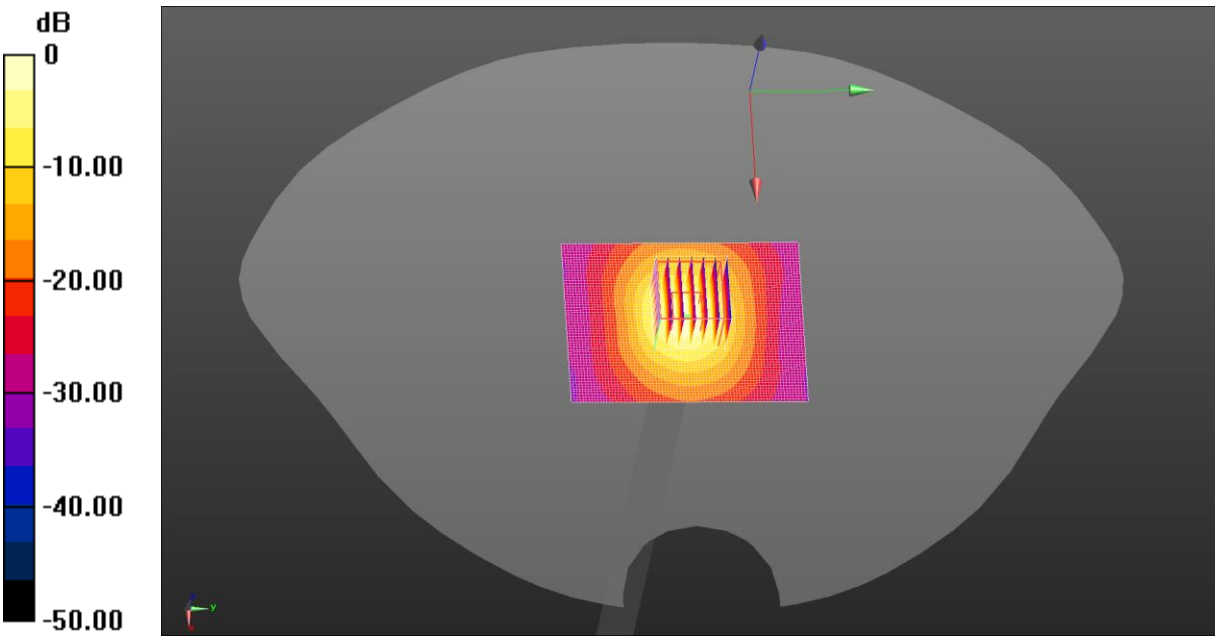
Communication System: UID 0, CW (0); Frequency: 5600 MHz;Duty Cycle: 1:1
Medium parameters used: f = 5600 MHz; σ = 5.059 S/m; ε_r = 34.377; ρ = 1000 kg/m^3
Phantom section: Flat Section

DASY5 Configuration:

- Probe: EX3DV4 - SN3924; ConvF(4.78, 4.78, 4.78) @ 5600 MHz; Calibrated: 03.20.2024
- Sensor-Surface: 1.4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1452; Calibrated: 03.26.2024
- Phantom: SAM 5.0; Type: QD000P40CD; Serial: TP: 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) = 8.58 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 = 45.21 V/m; Power Drift = 0.13 dB
Peak SAR (extrapolated) = 14.2 W/kg
SAR(1 g) = 3.31 W/kg; SAR(10 g) = 0.947 W/kg
Smallest distance from peaks to all points 3 dB below = 7.4 mm
Ratio of SAR at M2 to SAR at M1 = 53.2%
Maximum value of SAR (measured) = 8.58 W/kg



0 dB = 8.58 W/kg = 9.33 dBW/kg

Test Laboratory: JYTSZ Date: 05.04.2024

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

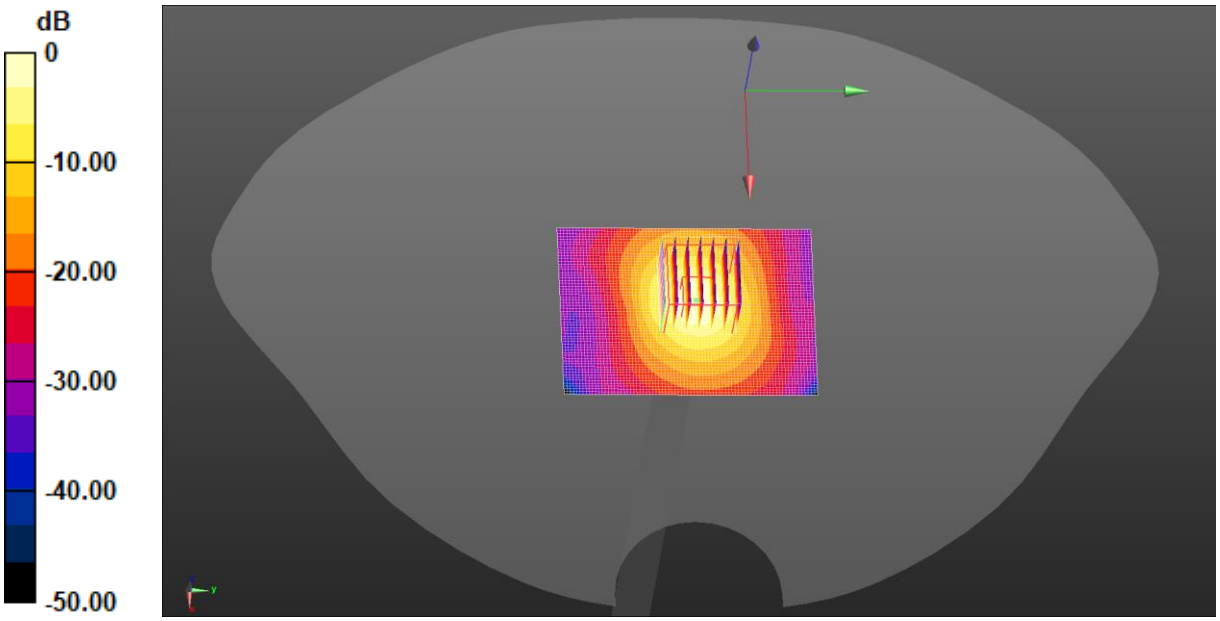
Communication System: UID 0, CW (0); Frequency: 5800 MHz;Duty Cycle: 1:1
Medium parameters used: f = 5800 MHz; σ = 5.263 S/m; ε_r = 34.149; ρ = 1000 kg/m^3
Phantom section: Flat Section

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 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) = 8.81 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 = 44.64 V/m; Power Drift = 0.09 dB
Peak SAR (extrapolated) = 14.6 W/kg
SAR(1 g) = 3.34 W/kg; SAR(10 g) = 0.951 W/kg
Smallest distance from peaks to all points 3 dB below = 7.4 mm
Ratio of SAR at M2 to SAR at M1 = 47.3%
Maximum value of SAR (measured) = 8.67 W/kg



0 dB = 8.67 W/kg = 9.38 dBW/kg

Appendix B: Plots of SAR Test Data

Test Laboratory: JYTSZ Date: 04.20.2024

DUT: Mobile Phone; Type: X6860; Serial: SZR012400192-3

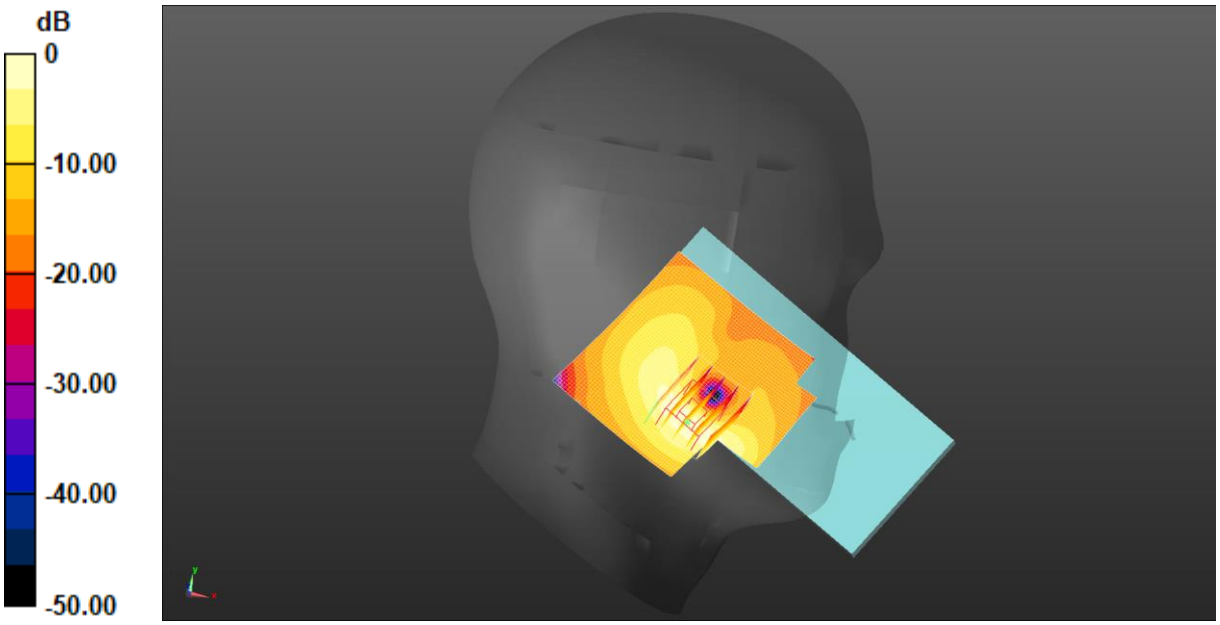
Communication System: UID 0, GSM (0); Frequency: 836.6 MHz;Duty Cycle: 1:8.30042
Medium parameters used (interpolated): f = 836.6 MHz; σ = 0.909 S/m; ε_r = 41.032; ρ = 1000 kg/m^3
Phantom section: Left Section

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)

GSM 850 Left Cheek/Middle Channel/Area Scan (61x71x1): Interpolated grid: dx=1.500 mm, dy=1.500 mm
Maximum value of SAR (interpolated) = 0.202 W/kg

GSM 850 Left Cheek/Middle Channel/Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm
Reference Value = 2.804 V/m; Power Drift = 0.06 dB
Peak SAR (extrapolated) = 0.213 W/kg
SAR(1 g) = 0.099 W/kg; SAR(10 g) = 0.051 W/kg
Smallest distance from peaks to all points 3 dB below = 4.7 mm
Ratio of SAR at M2 to SAR at M1 = 60.7%
Maximum value of SAR (measured) = 0.135 W/kg



0 dB = 0.202 W/kg = -6.95 dBW/kg

Test Laboratory: JYTSZ Date: 04.24.2024

DUT: Mobile Phone; Type: X6860; Serial: SZR012400192-3

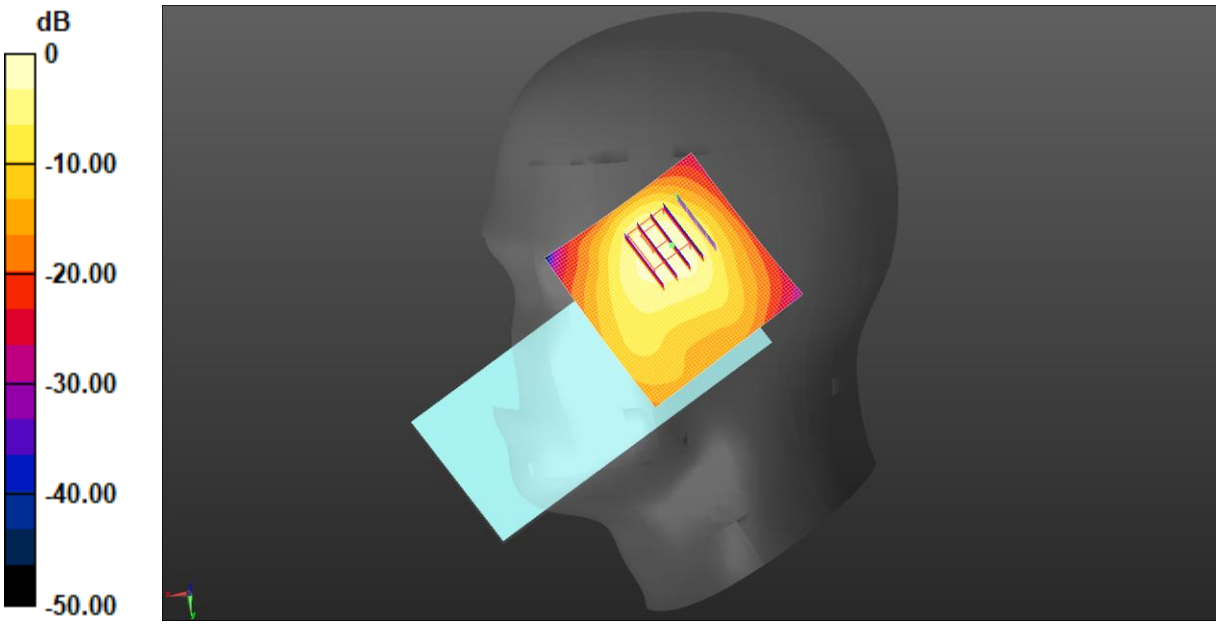
Communication System: UID 0, GSM (0); Frequency: 1850.2 MHz;Duty Cycle: 1:8.30042
Medium parameters used (interpolated): f = 1850.2 MHz; σ = 1.395 S/m; ε_r = 38.284; ρ = 1000 kg/m^3
Phantom section: Right Section

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 Cheek/Low Channel/Area Scan (61x61x1): Interpolated grid: dx=1.500 mm, dy=1.500 mm
Maximum value of SAR (interpolated) = 1.25 W/kg

GSM 1900 Right Cheek/Low Channel/Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm
Reference Value = 10.84 V/m; Power Drift = 0.04 dB
Peak SAR (extrapolated) = 1.58 W/kg
SAR(1 g) = 0.707 W/kg; SAR(10 g) = 0.351 W/kg
Smallest distance from peaks to all points 3 dB below = 8 mm
Ratio of SAR at M2 to SAR at M1 = 44.1%
Maximum value of SAR (measured) = 1.24 W/kg



0 dB = 1.25 W/kg = 0.98 dBW/kg

Test Laboratory: JYTSZ Date: 04.24.2024

DUT: Mobile Phone; Type: X6860; Serial: SZR012400192-3

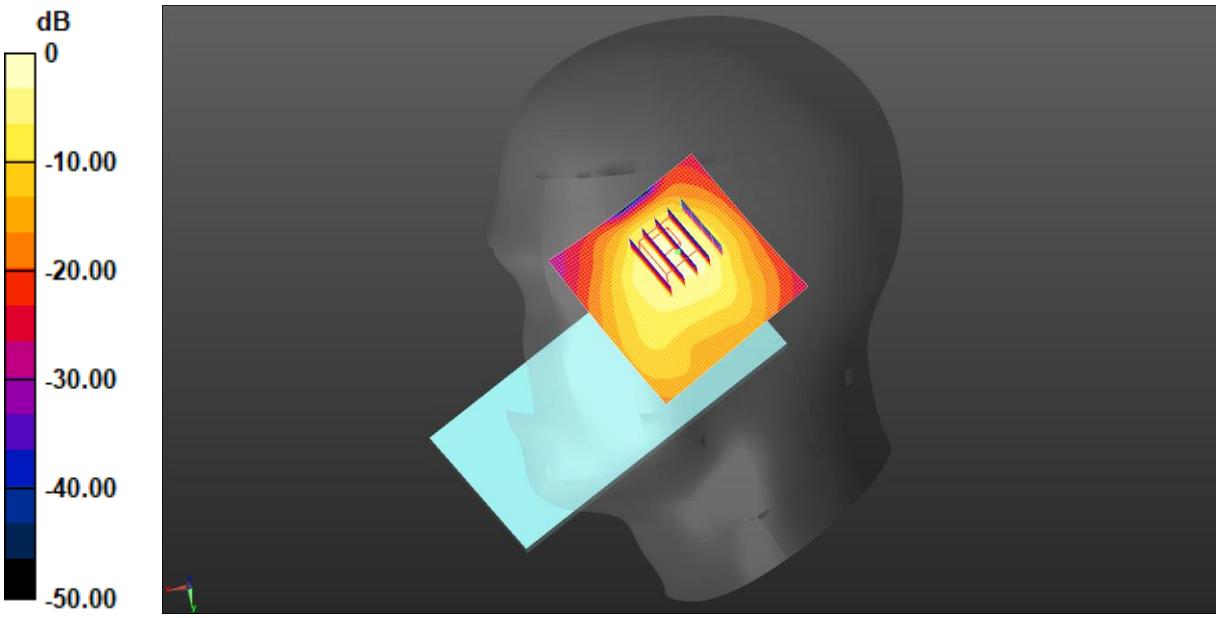
Communication System: UID 0, UMTS-FDD(WCDMA) (0); Frequency: 1852.4 MHz;Duty Cycle: 1:1
Medium parameters used (interpolated): f = 1852.4 MHz; σ = 1.395 S/m; ε_r = 38.284; ρ = 1000 kg/m^3
Phantom section: Right Section

DASY5 Configuration:

- Probe: EX3DV4 - SN7601; ConvF(8.44, 8.44, 8.44) @ 1852.4 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 1900 Right Cheek/Low Channel/Area Scan (61x61x1): Interpolated grid: dx=1.500 mm, dy=1.500 mm
Maximum value of SAR (interpolated) = 0.890 W/kg

WCDMA 1900 Right Cheek/Low Channel/Zoom Scan (5x5x7)/Cube 0:
Measurement grid: dx=8mm, dy=8mm, dz=5mm
Reference Value = 8.336 V/m; Power Drift = -0.02 dB
Peak SAR (extrapolated) = 0.856 W/kg
SAR(1 g) = 0.390 W/kg; SAR(10 g) = 0.200 W/kg
Smallest distance from peaks to all points 3 dB below = 8.7 mm
Ratio of SAR at M2 to SAR at M1 = 46.9%
Maximum value of SAR (measured) = 0.679 W/kg



0 dB = 0.890 W/kg = -0.51 dBW/kg

Test Laboratory: JYTSZ Date: 04.22.2024

DUT: Mobile Phone; Type: X6860; Serial: SZR012400192-3

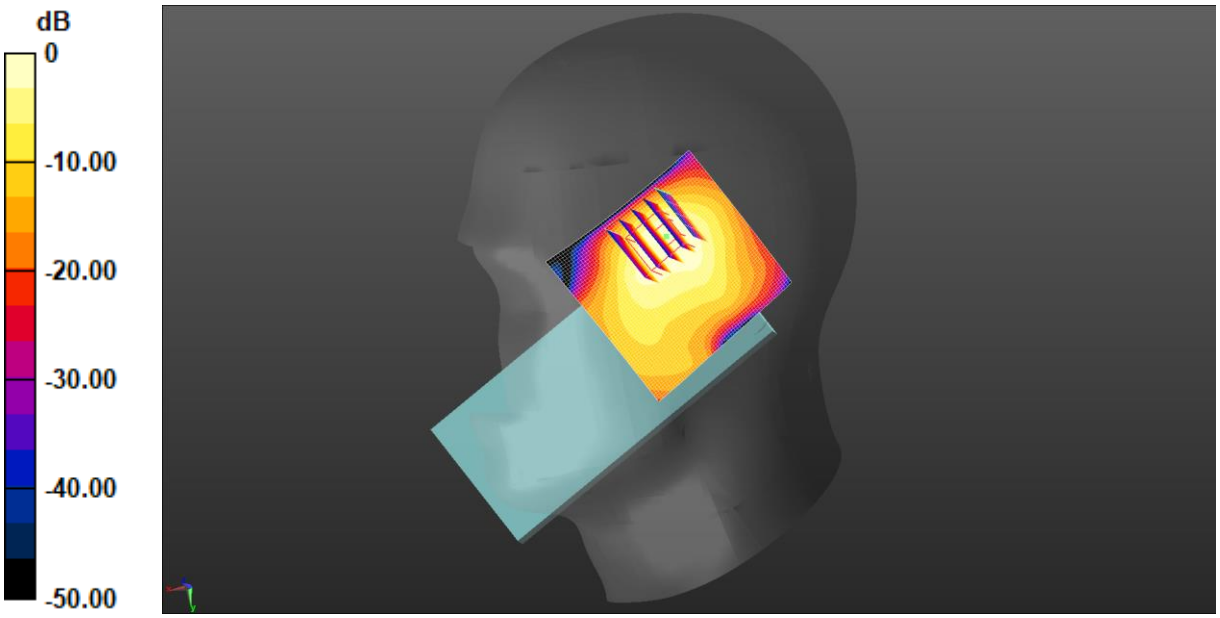
Communication System: UID 0, UMTS-FDD(WCDMA) (0); Frequency: 1752.6 MHz;Duty Cycle: 1:1
Medium parameters used (interpolated): f = 1752.6 MHz; σ = 1.356 S/m; ε_r = 38.391; ρ = 1000 kg/m^3
Phantom section: Right Section

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 Right Cheek/High Channel/Area Scan (61x61x1): Interpolated grid: dx=1.500 mm, dy=1.500 mm
Maximum value of SAR (interpolated) = 0.470 W/kg

WCDMA 1700 Right Cheek/High Channel/Zoom Scan (5x5x7)/Cube 0:
Measurement grid: dx=8mm, dy=8mm, dz=5mm
Reference Value = 6.939 V/m; Power Drift = 0.04 dB
Peak SAR (extrapolated) = 0.517 W/kg
SAR(1 g) = 0.226 W/kg; SAR(10 g) = 0.125 W/kg
Smallest distance from peaks to all points 3 dB below = 8.6 mm
Ratio of SAR at M2 to SAR at M1 = 43.2%
Maximum value of SAR (measured) = 0.379 W/kg



0 dB = 0.470 W/kg = -3.28 dBW/kg

Test Laboratory: JYTSZ Date: 04.20.2024

DUT: Mobile Phone; Type: X6860; Serial: SZR012400192-3

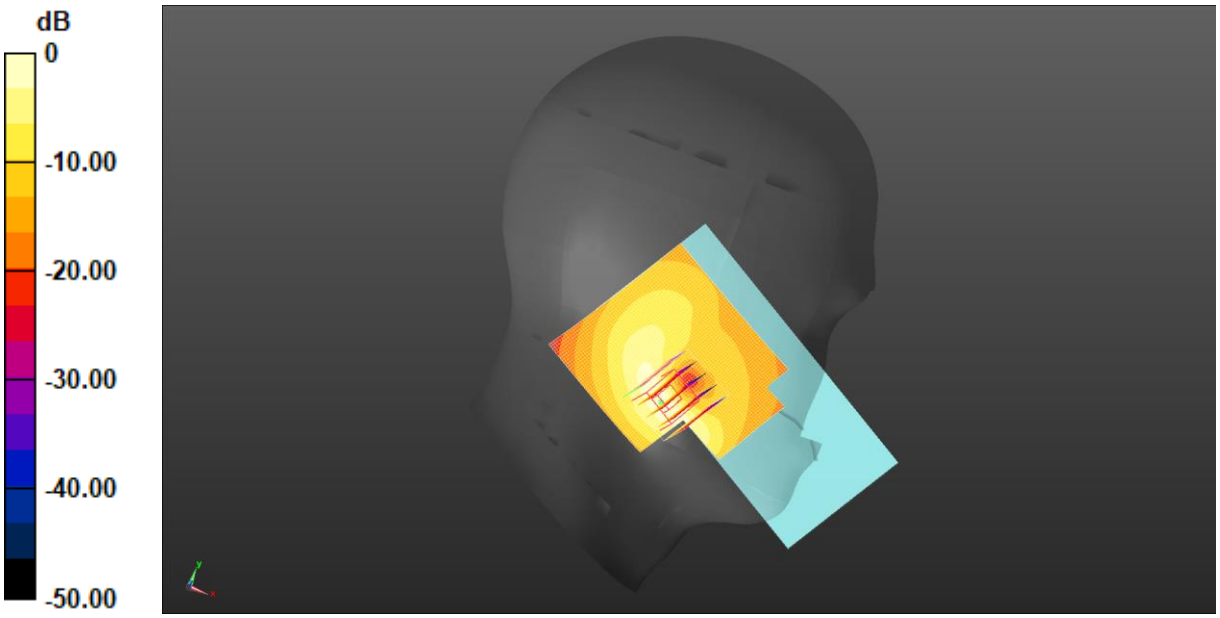
Communication System: UID 0, UMTS-FDD(WCDMA) (0); Frequency: 836.6 MHz;Duty Cycle: 1:1
Medium parameters used (interpolated): f = 836.6 MHz; σ = 0.909 S/m; ε_r = 41.032; ρ = 1000 kg/m^3
Phantom section: Left Section

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 Left Cheek/Middle Channel/Area Scan (61x71x1): Interpolated grid: dx=1.500 mm, dy=1.500 mm
Maximum value of SAR (interpolated) = 0.606 W/kg

WCDMA 850 Left Cheek/Middle Channel/Zoom Scan (5x5x7)/Cube 0:
Measurement grid: dx=8mm, dy=8mm, dz=5mm
Reference Value = 5.983 V/m; Power Drift = -0.18 dB
Peak SAR (extrapolated) = 0.623 W/kg
SAR(1 g) = 0.303 W/kg; SAR(10 g) = 0.160 W/kg
Smallest distance from peaks to all points 3 dB below = 4.7 mm
Ratio of SAR at M2 to SAR at M1 = 61.2%
Maximum value of SAR (measured) = 0.420 W/kg



0 dB = 0.606 W/kg = -2.17 dBW/kg

Test Laboratory: JYTSZ Date: 04.24.2024

DUT: Mobile Phone; Type: X6860; Serial: SZR012400192-3

Communication System: UID 0, LTE-FDD(USA) 1RB QPSK (0); Frequency: 1900 MHz;Duty Cycle: 1:1
Medium parameters used: f = 1900 MHz; σ = 1.395 S/m; ε_r = 38.284; ρ = 1000 kg/m^3
Phantom section: Right Section

DASY5 Configuration:

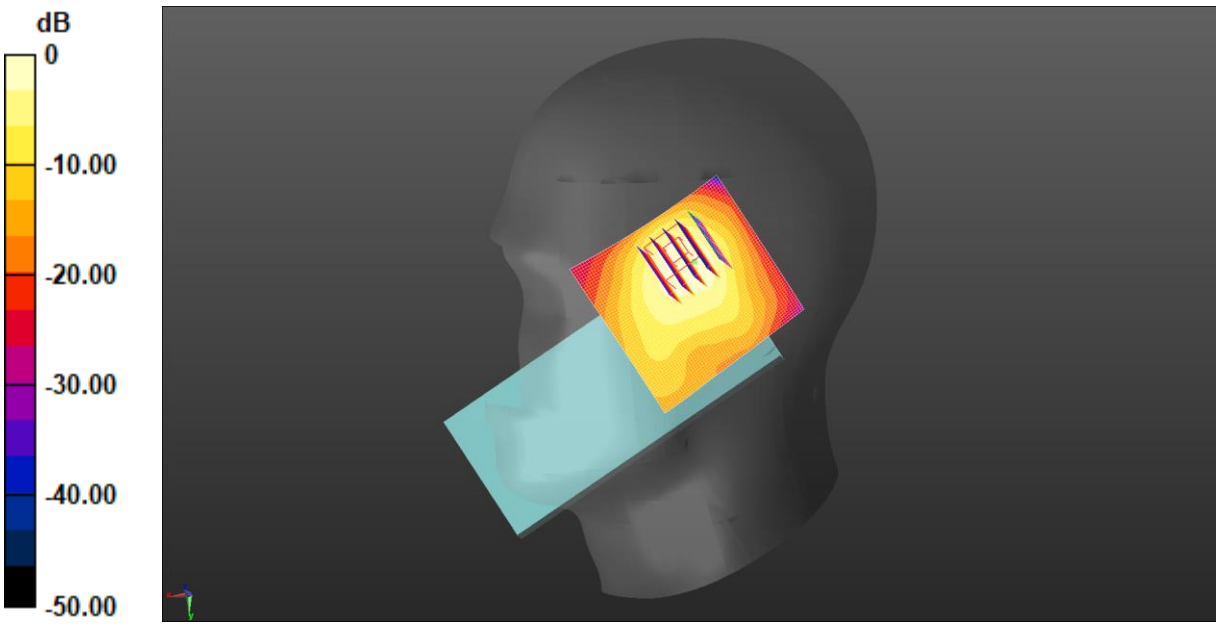
- Probe: EX3DV4 - SN7601; ConvF(8.44, 8.44, 8.44) @ 1900 MHz; Calibrated: 01.29.2024
- Sensor-Surface: 1.4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1373; Calibrated: 11.27.2023
- Phantom: SAM-Twin; Type: QD 000 P40 CD; Serial: 1885
- Measurement SW: DASY52, Version 52.10 (4); SEMCAD X Version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

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

Interpolated grid: dx=1.500 mm, dy=1.500 mm
Maximum value of SAR (interpolated) = 1.91 W/kg

LTE Band 2 1RB(20MHz) Right Cheek/High Channel/Zoom Scan (5x5x7)/Cube 0:

Measurement grid: dx=8mm, dy=8mm, dz=5mm
Reference Value = 12.27 V/m; Power Drift = 0.04 dB
Peak SAR (extrapolated) = 2.56 W/kg
SAR(1 g) = 1.13 W/kg; SAR(10 g) = 0.550 W/kg
Smallest distance from peaks to all points 3 dB below = 8.7 mm
Ratio of SAR at M2 to SAR at M1 = 43.7%
Maximum value of SAR (measured) = 2.00 W/kg



0 dB = 1.91 W/kg = 2.81 dBW/kg

Test Laboratory: JYTSZ Date: 04.22.2024

DUT: Mobile Phone; Type: X6860; Serial: SZR012400192-3

Communication System: UID 0, LTE-FDD(USA) 1RB QPSK (0); Frequency: 1732.5 MHz;Duty Cycle: 1:1
Medium parameters used (interpolated): f = 1732.5 MHz; σ = 1.356 S/m; ε_r = 38.391; ρ = 1000 kg/m^3
Phantom section: Right Section

DASY5 Configuration:

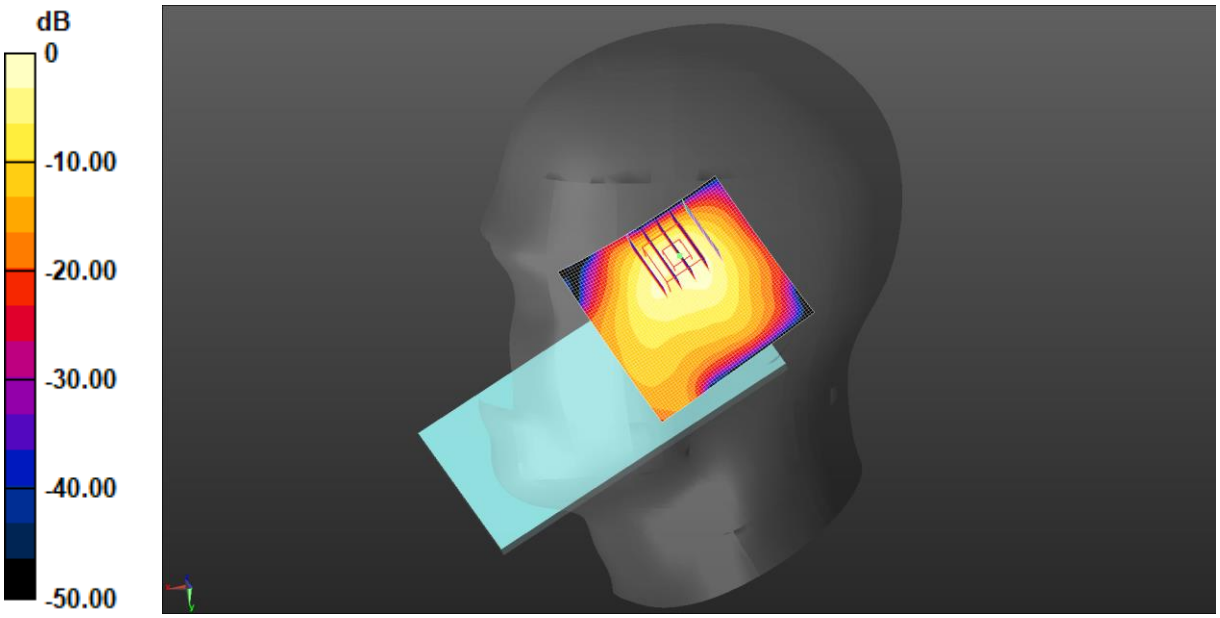
- Probe: EX3DV4 - SN7601; ConvF(8.73, 8.73, 8.73) @ 1732.5 MHz; Calibrated: 01.29.2024
- Sensor-Surface: 1.4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1373; Calibrated: 11.27.2023
- Phantom: SAM-Twin; Type: QD 000 P40 CD; Serial: 1885
- Measurement SW: DASY52, Version 52.10 (4); SEMCAD X Version 14.6.14 (7501)

LTE Band 4 1RB(20MHz) Right Cheek/Middle Channel/Area Scan (61x61x1):

Interpolated grid: dx=1.500 mm, dy=1.500 mm
Maximum value of SAR (interpolated) = 0.392 W/kg

LTE Band 4 1RB(20MHz) Right Cheek/Middle Channel/Zoom Scan (5x5x7)/Cube 0:

Measurement grid: dx=8mm, dy=8mm, dz=5mm
Reference Value = 5.255 V/m; Power Drift = 0.19 dB
Peak SAR (extrapolated) = 0.442 W/kg
SAR(1 g) = 0.193 W/kg; SAR(10 g) = 0.094 W/kg
Smallest distance from peaks to all points 3 dB below = 9.4 mm
Ratio of SAR at M2 to SAR at M1 = 42.2%
Maximum value of SAR (measured) = 0.348 W/kg



0 dB = 0.392 W/kg = -4.06 dBW/kg

Test Laboratory: JYTSZ Date: 04.20.2024

DUT: Mobile Phone; Type: X6860; Serial: SZR012400192-3

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; σ = 0.909 S/m; ε_r = 41.032; ρ = 1000 kg/m^3
Phantom section: Left Section

DASY5 Configuration:

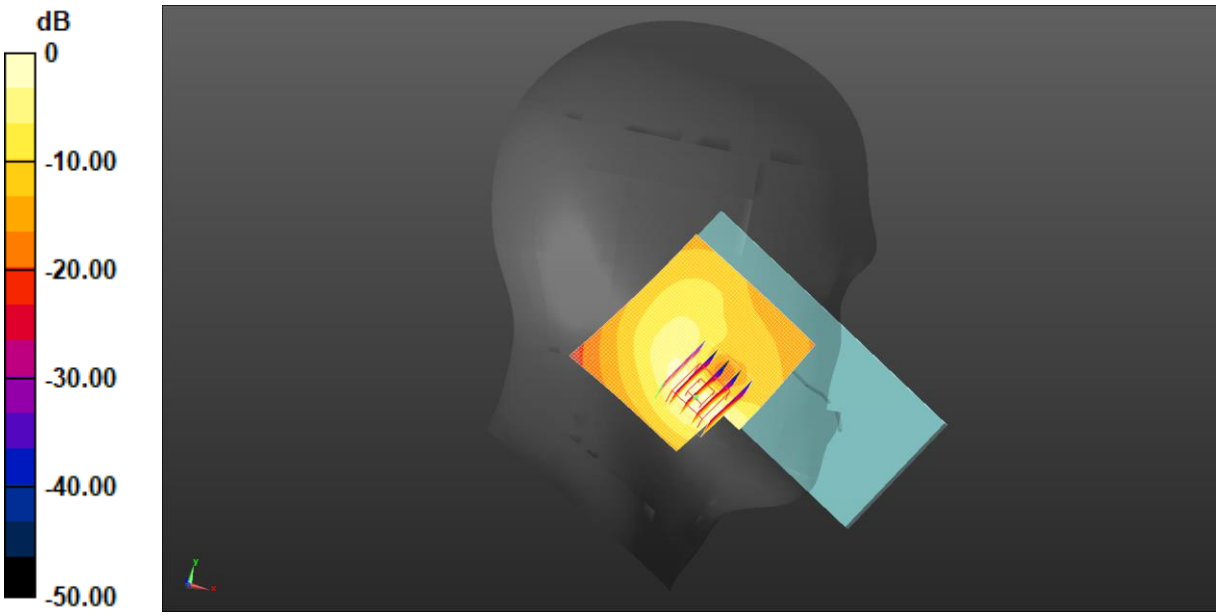
- Probe: EX3DV4 - SN7601; ConvF(10.3, 10.3, 10.3) @ 836.5 MHz; Calibrated: 01.29.2024
- Sensor-Surface: 1.4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1373; Calibrated: 11.27.2023
- Phantom: SAM-Twin; Type: QD 000 P40 CD; Serial: 1885
- Measurement SW: DASY52, Version 52.10 (4); SEMCAD X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

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

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

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

Measurement grid: dx=8mm, dy=8mm, dz=5mm
Reference Value = 7.828 V/m; Power Drift = 0.16 dB
Peak SAR (extrapolated) = 1.05 W/kg
SAR(1 g) = 0.510 W/kg; SAR(10 g) = 0.271 W/kg
Smallest distance from peaks to all points 3 dB below = 4.9 mm
Ratio of SAR at M2 to SAR at M1 = 60.7%
Maximum value of SAR (measured) = 0.715 W/kg



0 dB = 0.968 W/kg = -0.14 dBW/kg

Test Laboratory: JYTSZ Date: 04.26.2024

DUT: Mobile Phone; Type: X6860; Serial: SZR012400192-3

Communication System: UID 0, LTE-FDD(USA) 1RB QPSK (0); Frequency: 2510 MHz;Duty Cycle: 1:1
Medium parameters used: f = 2510 MHz; σ = 1.858 S/m; ε_r = 37.549; ρ = 1000 kg/m^3
Phantom section: Right Section

DASY5 Configuration:

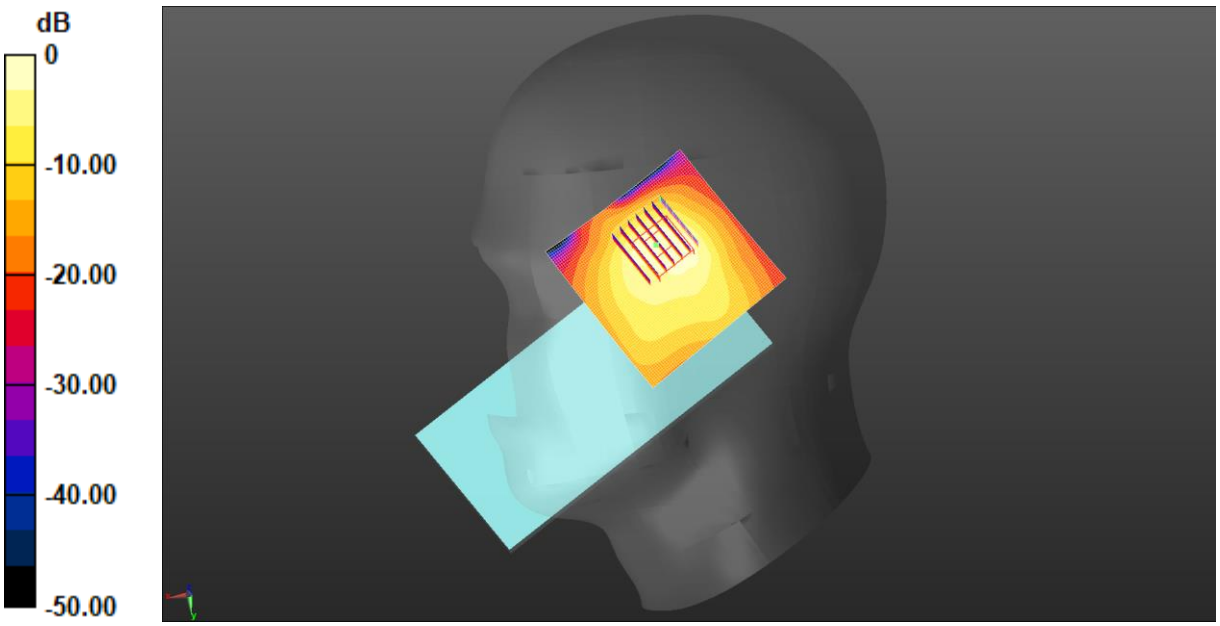
- Probe: EX3DV4 - SN7601; ConvF(7.89, 7.89, 7.89) @ 2510 MHz; Calibrated: 01.29.2024
- Sensor-Surface: 1.4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1373; Calibrated: 11.27.2023
- Phantom: SAM-Twin; Type: QD 000 P40 CD; Serial: 1885
- Measurement SW: DASY52, Version 52.10 (4); SEMCAD X Version 14.6.14 (7501)

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

Interpolated grid: dx=1.200 mm, dy=1.200 mm
Maximum value of SAR (interpolated) = 0.836 W/kg

LTE Band 7 1RB(20MHz) Right Cheek/Low Channel/Zoom Scan (7x7x7)/Cube 0:

Measurement grid: dx=5mm, dy=5mm, dz=5mm
Reference Value = 7.437 V/m; Power Drift = 0.14 dB
Peak SAR (extrapolated) = 0.993 W/kg
SAR(1 g) = 0.443 W/kg; SAR(10 g) = 0.215 W/kg
Smallest distance from peaks to all points 3 dB below = 8.5 mm
Ratio of SAR at M2 to SAR at M1 = 44.5%
Maximum value of SAR (measured) = 0.772 W/kg



0 dB = 0.836 W/kg = -0.78 dBW/kg

Test Laboratory: JYTSZ Date: 04.28.2024

DUT: Mobile Phone; Type: X6860; Serial: SZR012400192-3

Communication System: UID 0, LTE-TDD(USA) 20MHz 1RB QPSK (0); Frequency: 2545 MHz;Duty Cycle: 1:1.59956
Medium parameters used (interpolated): f = 2545 MHz; σ = 1.896 S/m; ε_r = 37.504; ρ = 1000 kg/m^3
Phantom section: Right Section

DASY5 Configuration:

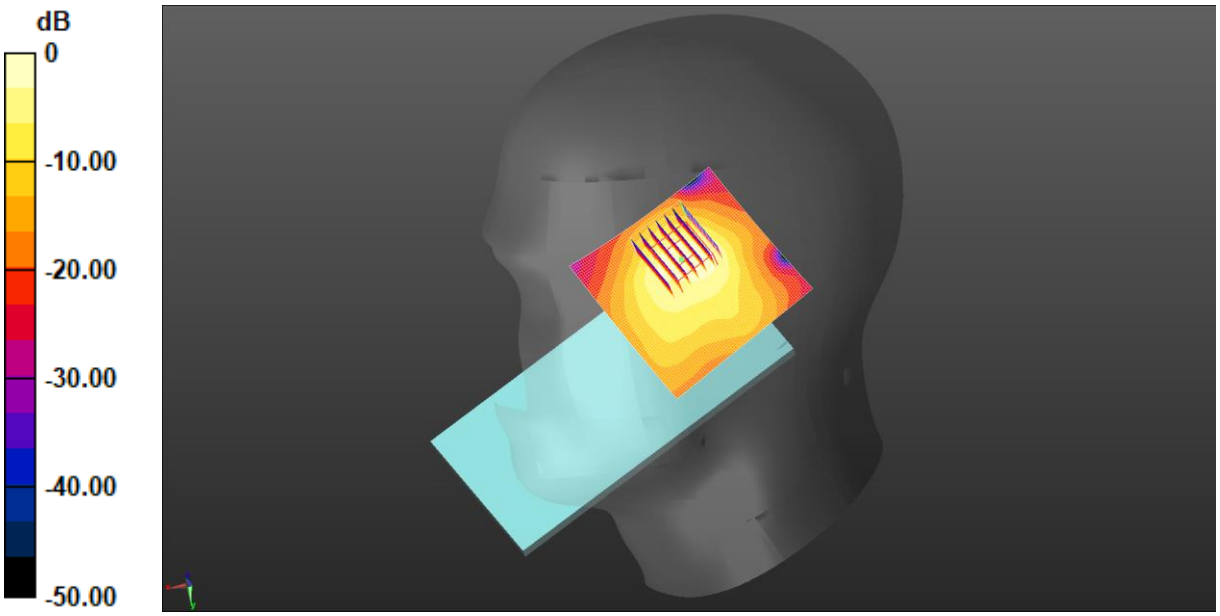
- Probe: EX3DV4 - SN7601; ConvF(7.89, 7.89, 7.89) @ 2545 MHz; Calibrated: 01.29.2024
- Sensor-Surface: 1.4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1373; Calibrated: 11.27.2023
- Phantom: SAM-Twin; Type: QD 000 P40 CD; Serial: 1885
- Measurement SW: DASY52, Version 52.10 (4); SEMCAD X Version 14.6.14 (7501)

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

Interpolated grid: dx=1.200 mm, dy=1.200 mm
Maximum value of SAR (interpolated) = 2.00 W/kg

LTE Band 41 1RB(20MHz) Right Cheek/Low Channel/Zoom Scan (7x7x7)/Cube 0:

Measurement grid: dx=5mm, dy=5mm, dz=5mm
Reference Value = 9.764 V/m; Power Drift = 0.08 dB
Peak SAR (extrapolated) = 2.11 W/kg
SAR(1 g) = 0.950 W/kg; SAR(10 g) = 0.462 W/kg
Smallest distance from peaks to all points 3 dB below = 8.1 mm
Ratio of SAR at M2 to SAR at M1 = 42.8%
Maximum value of SAR (measured) = 1.58 W/kg



0 dB = 2.00 W/kg = 3.00 dBW/kg

Test Laboratory: JYTSZ Date: 04.26.2024

DUT: Mobile Phone; Type: X6860; Serial: SZR012400192-3

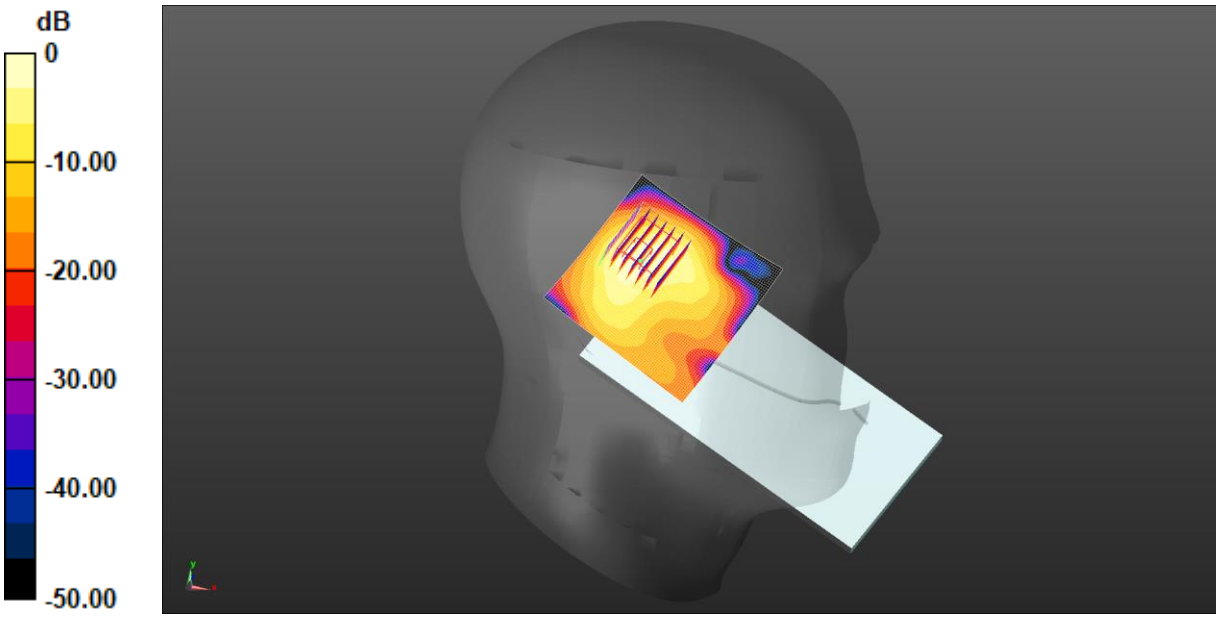
Communication System: UID 0, IEEE 802.11b WiFi 2.4 GHz (DSSS, 1 Mbps) (0);
Frequency: 2412 MHz;Duty Cycle: 1:1
Medium parameters used (interpolated): f = 2412 MHz; σ = 1.806 S/m; ε_r = 37.61; ρ = 1000 kg/m^3
Phantom section: Left Section

DASY5 Configuration:

- Probe: EX3DV4 - SN7601; ConvF(7.89, 7.89, 7.89) @ 2412 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/Low Channel/Area Scan (71x71x1): Interpolated grid: dx=1.200 mm, dy=1.200 mm
Maximum value of SAR (interpolated) = 0.422 W/kg

2.4G WiFi Left Cheek/Low Channel/Zoom Scan (7x7x7)/Cube 0: Measurement grid: dx=5mm, dy=5mm, dz=5mm
Reference Value = 8.952 V/m; Power Drift = 0.05 dB
Peak SAR (extrapolated) = 0.611 W/kg
SAR(1 g) = 0.220 W/kg; SAR(10 g) = 0.091 W/kg
Smallest distance from peaks to all points 3 dB below = 6.8 mm
Ratio of SAR at M2 to SAR at M1 = 37.2%
Maximum value of SAR (measured) = 0.434 W/kg



0 dB = 0.422 W/kg = -3.74 dBW/kg

Test Laboratory: JYTSZ Date: 04.30.2024

DUT: Mobile Phone; Type: X6860; Serial: SZR012400192-3

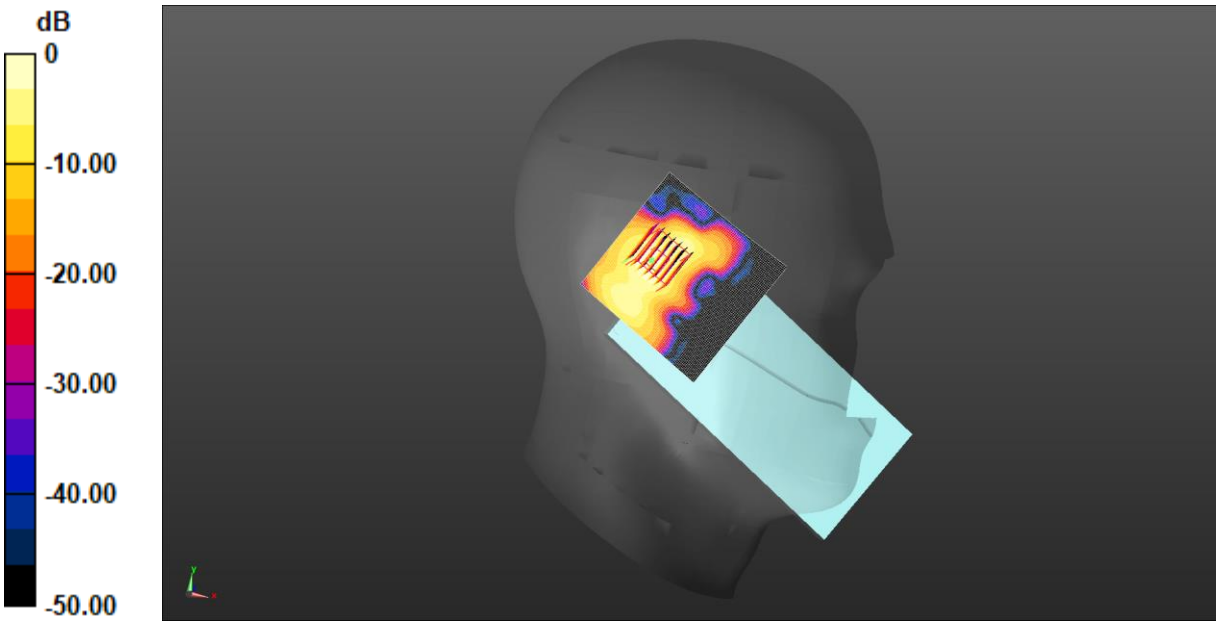
Communication System: UID 0, IEEE 802.11a WiFi 5GHz (0); Frequency: 5240 MHz;Duty Cycle: 1:1
Medium parameters used: f = 5240 MHz; σ = 4.69 S/m; ε_r = 34.789; ρ = 1000 kg/m^3
Phantom section: Left Section

DASY5 Configuration:

- Probe: EX3DV4 - SN7601; ConvF(5.51, 5.51, 5.51) @ 5240 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/High Channel/Area Scan (81x81x1): Interpolated grid: dx=1.000 mm, dy=1.000 mm
Maximum value of SAR (interpolated) = 0.769 W/kg

5.2G WiFi Left Tilted/High Channel/Zoom Scan (7x7x12)/Cube 0: Measurement grid: dx=4mm, dy=4mm, dz=2mm
Reference Value = 9.863 V/m; Power Drift = 0.09 dB
Peak SAR (extrapolated) = 1.23 W/kg
SAR(1 g) = 0.321 W/kg; SAR(10 g) = 0.099 W/kg
Smallest distance from peaks to all points 3 dB below = 6.4 mm
Ratio of SAR at M2 to SAR at M1 = 55.8%
Maximum value of SAR (measured) = 0.773 W/kg



0 dB = 0.773 W/kg = -1.12 dBW/kg

Test Laboratory: JYTSZ Date: 04.30.2024

DUT: Mobile Phone; Type: X6860; Serial: SZR012400192-3

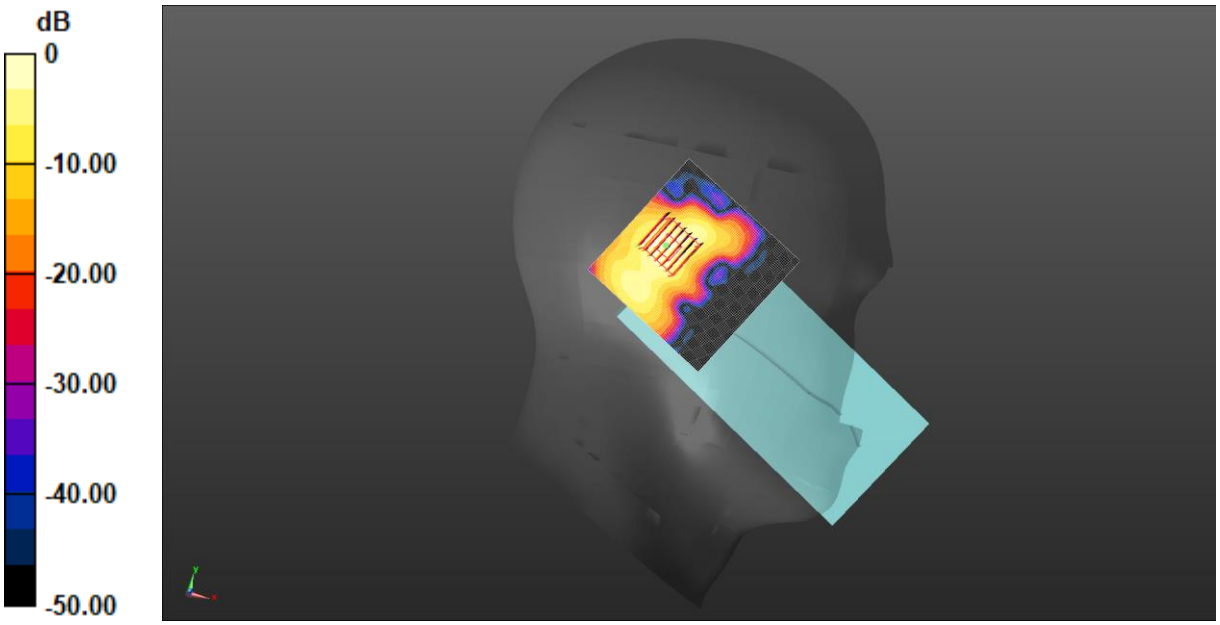
Communication System: UID 0, IEEE 802.11a WiFi 5GHz (0); Frequency: 5280 MHz;Duty Cycle: 1:1
Medium parameters used: f = 5280 MHz; σ = 4.731 S/m; ε_r = 34.743; ρ = 1000 kg/m^3
Phantom section: Left Section

DASY5 Configuration:

- Probe: EX3DV4 - SN7601; ConvF(5.51, 5.51, 5.51) @ 5280 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/Middle Channel/Area Scan (81x81x1): Interpolated grid: dx=1.000 mm, dy=1.000 mm
Maximum value of SAR (interpolated) = 0.778 W/kg

5.3G WiFi Left Tilted/Middle Channel/Zoom Scan (7x7x12)/Cube 0:
Measurement grid: dx=4mm, dy=4mm, dz=2mm
Reference Value = 10.19 V/m; Power Drift = -0.16 dB
Peak SAR (extrapolated) = 1.26 W/kg
SAR(1 g) = 0.316 W/kg; SAR(10 g) = 0.097 W/kg
Smallest distance from peaks to all points 3 dB below = 6.4 mm
Ratio of SAR at M2 to SAR at M1 = 55.1%
Maximum value of SAR (measured) = 0.773 W/kg



0 dB = 0.773 W/kg = -1.12 dBW/kg

Test Laboratory: JYTSZ Date: 05.02.2024

DUT: Mobile Phone; Type: X6860; Serial: SZR012400192-3

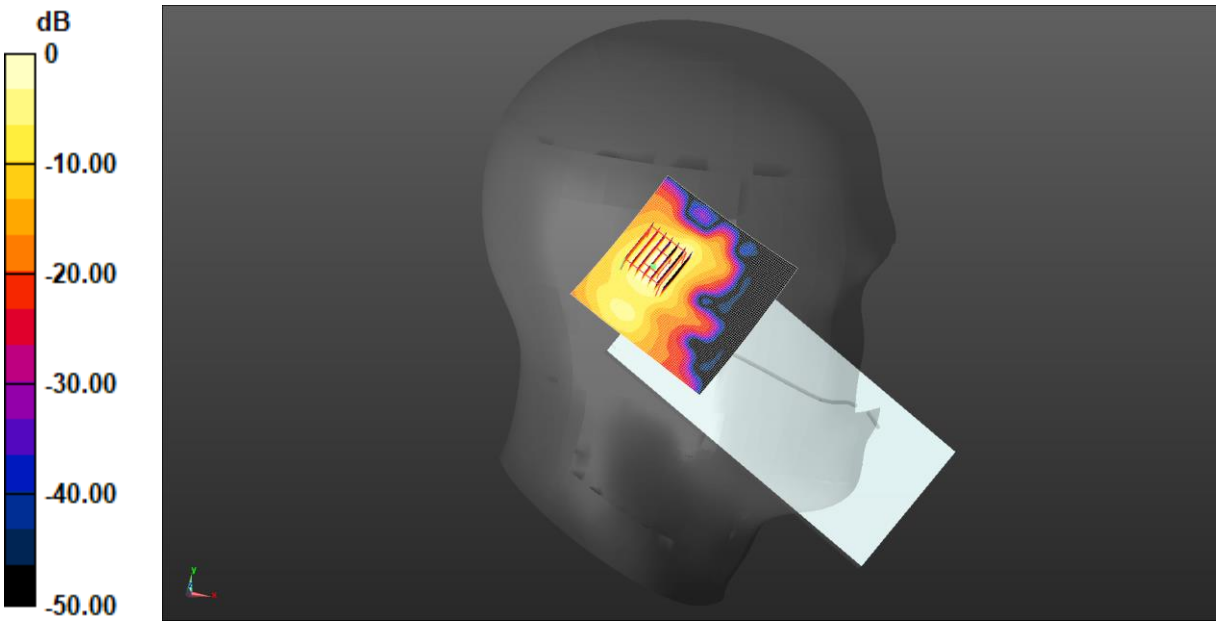
Communication System: UID 0, IEEE 802.11a WiFi 5GHz (0); Frequency: 5700 MHz;Duty Cycle: 1:1
Medium parameters used: f = 5700 MHz; σ = 5.161 S/m; ε_r = 34.263; ρ = 1000 kg/m^3
Phantom section: Left Section

DASY5 Configuration:

- Probe: EX3DV4 - SN3924; ConvF(4.78, 4.78, 4.78) @ 5700 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/High Channel/Area Scan (81x81x1): Interpolated grid: dx=1.000 mm, dy=1.000 mm
Maximum value of SAR (interpolated) = 0.724 W/kg

5.6G WiFi Left Tilted/High Channel/Zoom Scan (7x7x12)/Cube 0: Measurement grid: dx=4mm, dy=4mm, dz=2mm
Reference Value = 7.837 V/m; Power Drift = 0.03 dB
Peak SAR (extrapolated) = 1.46 W/kg
SAR(1 g) = 0.301 W/kg; SAR(10 g) = 0.087 W/kg
Smallest distance from peaks to all points 3 dB below = 5.9 mm
Ratio of SAR at M2 to SAR at M1 = 50.3%
Maximum value of SAR (measured) = 0.785 W/kg



0 dB = 0.785 W/kg = -1.05 dBW/kg

Test Laboratory: JYTSZ Date: 05.04.2024

DUT: Mobile Phone; Type: X6860; Serial: SZR012400192-3

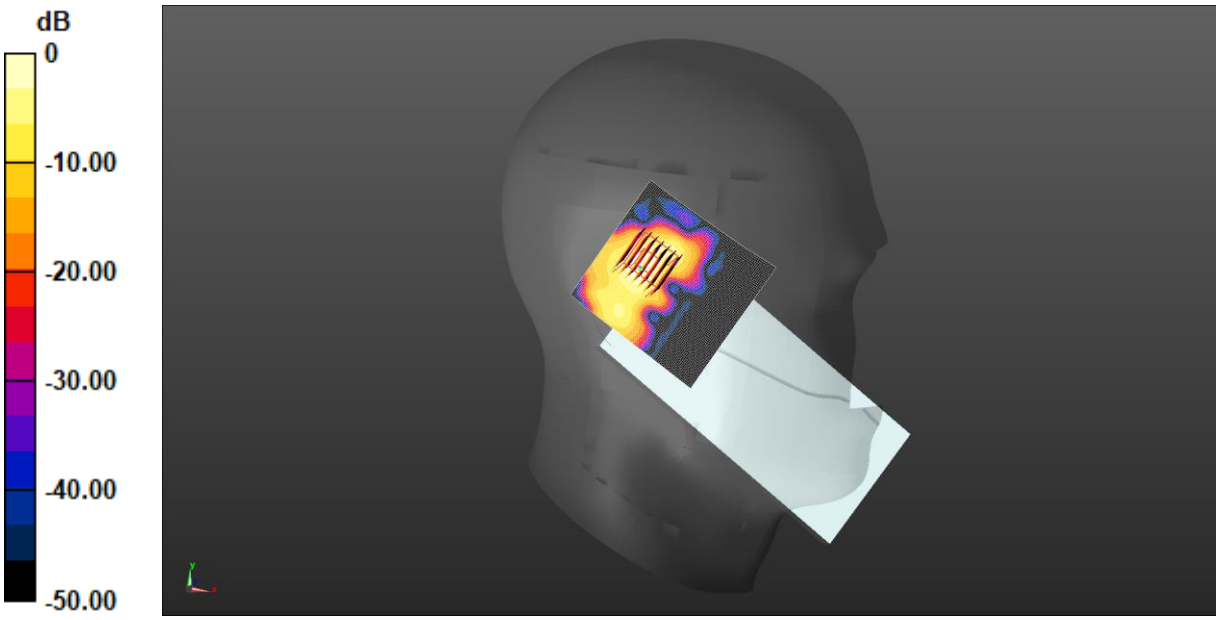
Communication System: UID 0, IEEE 802.11 ac20 5GHz (0); Frequency: 5825 MHz;Duty Cycle: 1:1
Medium parameters used (interpolated): f = 5825 MHz; σ = 5.289 S/m; ε_r = 34.12; ρ = 1000 kg/m^3
Phantom section: Left Section

DASY5 Configuration:

- Probe: EX3DV4 - SN7601; ConvF(5.01, 5.01, 5.01) @ 5825 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/High Channel/Area Scan (81x81x1): Interpolated grid: dx=1.000 mm, dy=1.000 mm
Maximum value of SAR (interpolated) = 0.697 W/kg

5.8G WiFi Left Tilted/High Channel/Zoom Scan (7x7x12)/Cube 0: Measurement grid: dx=4mm, dy=4mm, dz=2mm
Reference Value = 6.700 V/m; Power Drift = 0.09 dB
Peak SAR (extrapolated) = 1.34 W/kg
SAR(1 g) = 0.264 W/kg; SAR(10 g) = 0.073 W/kg
Smallest distance from peaks to all points 3 dB below = 5.7 mm
Ratio of SAR at M2 to SAR at M1 = 47.4%
Maximum value of SAR (measured) = 0.734 W/kg



0 dB = 0.734 W/kg = -1.34 dBW/kg

Test Laboratory: JYTSZ Date: 04.26.2024

DUT: Mobile Phone; Type: X6860; Serial: SZR012400192-3

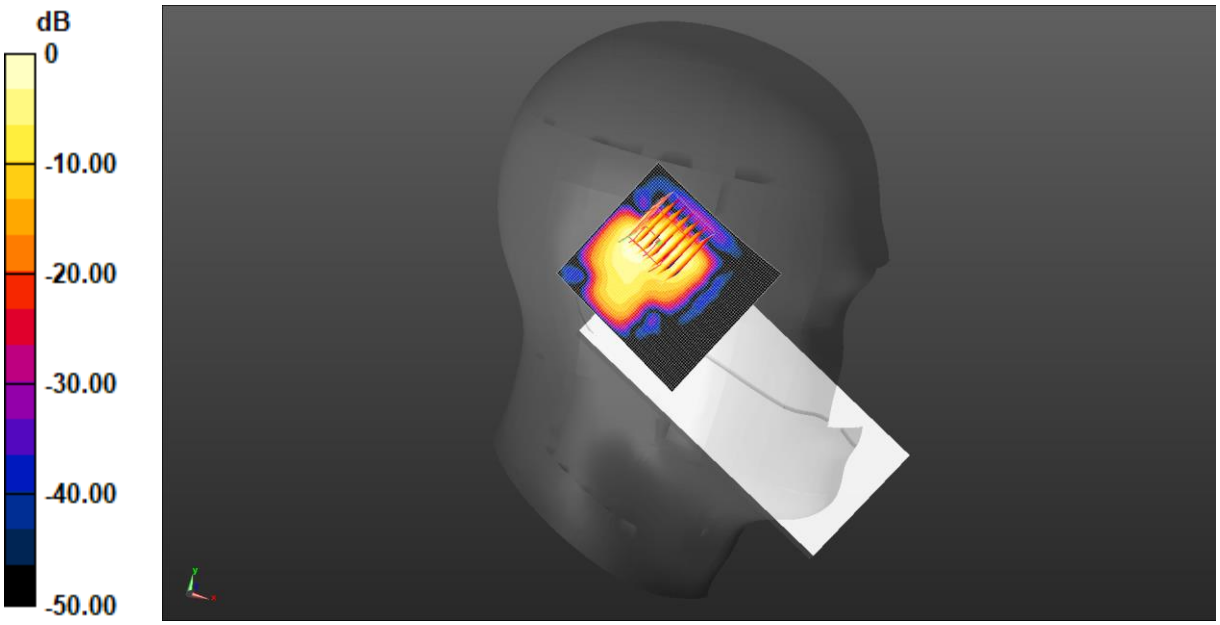
Communication System: UID 0, Bluetooth (0); Frequency: 2402 MHz;Duty Cycle: 1:1
Medium parameters used (interpolated): f = 2402 MHz; σ = 1.749 S/m; ε_r = 37.714; ρ = 1000 kg/m^3
Phantom section: Left Section

DASY5 Configuration:

- Probe: EX3DV4 - SN7601; ConvF(7.89, 7.89, 7.89) @ 2402 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/Low Channel/Area Scan (71x71x1): Interpolated grid: dx=1.200 mm, dy=1.200 mm
Maximum value of SAR (interpolated) = 0.155 W/kg

Bluetooth Left Cheek/Low Channel/Zoom Scan (7x7x7)/Cube 0: Measurement grid: dx=5mm, dy=5mm, dz=5mm
Reference Value = 4.774 V/m; Power Drift = -0.05 dB
Peak SAR (extrapolated) = 0.174 W/kg
SAR(1 g) = 0.061 W/kg; SAR(10 g) = 0.023 W/kg
Smallest distance from peaks to all points 3 dB below = 5.4 mm
Ratio of SAR at M2 to SAR at M1 = 35.3%
Maximum value of SAR (measured) = 0.123 W/kg



0 dB = 0.155 W/kg = -8.08 dBW/kg

Test Laboratory: JYTSZ Date: 04.20.2024

DUT: Mobile Phone; Type: X6860; Serial: SZR012400192-3

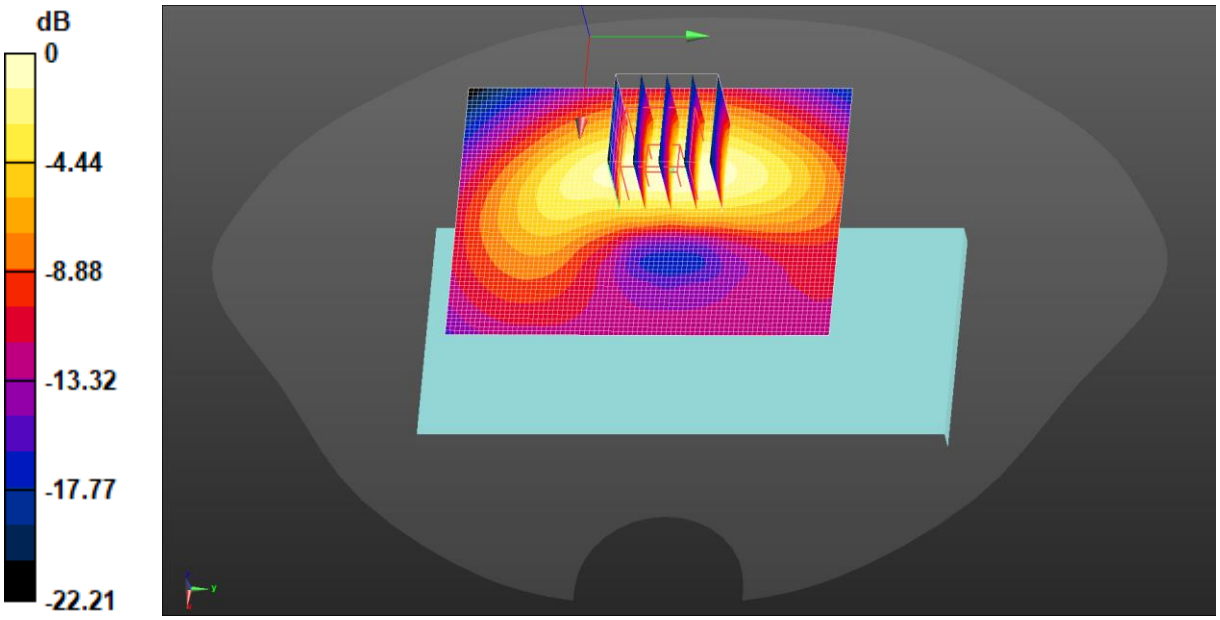
Communication System: UID 0, GPRS(3 Slots) (0); Frequency: 824.2 MHz;Duty Cycle: 1:2.77971
Medium parameters used (interpolated): f = 824.2 MHz; σ = 0.904 S/m; ε_r = 41.077; ρ = 1000 kg/m^3
Phantom section: Flat Section

DASY5 Configuration:

- Probe: EX3DV4 - SN7601; ConvF(10.3, 10.3, 10.3) @ 824.2 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 850 3Slots Body Back/Low Channel/Area Scan (61x81x1): Interpolated grid: dx=1.500 mm, dy=1.500 mm
Maximum value of SAR (interpolated) = 0.571 W/kg

GSM 850 3Slots Body Back/Low Channel/Zoom Scan (5x5x7)/Cube 0:
Measurement grid: dx=8mm, dy=8mm, dz=5mm
Reference Value = 5.828 V/m; Power Drift = -0.04 dB
Peak SAR (extrapolated) = 0.689 W/kg
SAR(1 g) = 0.393 W/kg; SAR(10 g) = 0.232 W/kg
Smallest distance from peaks to all points 3 dB below = 9.6 mm
Ratio of SAR at M2 to SAR at M1 = 60.8%
Maximum value of SAR (measured) = 0.537 W/kg



0 dB = 0.571 W/kg = -2.44 dBW/kg

Test Laboratory: JYTSZ Date: 04.24.2024

DUT: Mobile Phone; Type: X6860; Serial: SZR012400192-3

Communication System: UID 0, GPRS(4 Slots) (0); Frequency: 1880 MHz;Duty Cycle: 1:1.99986
Medium parameters used: f = 1880 MHz; σ = 1.395 S/m; ε_r = 38.284; ρ = 1000 kg/m^3
Phantom section: Flat Section

DASY5 Configuration:

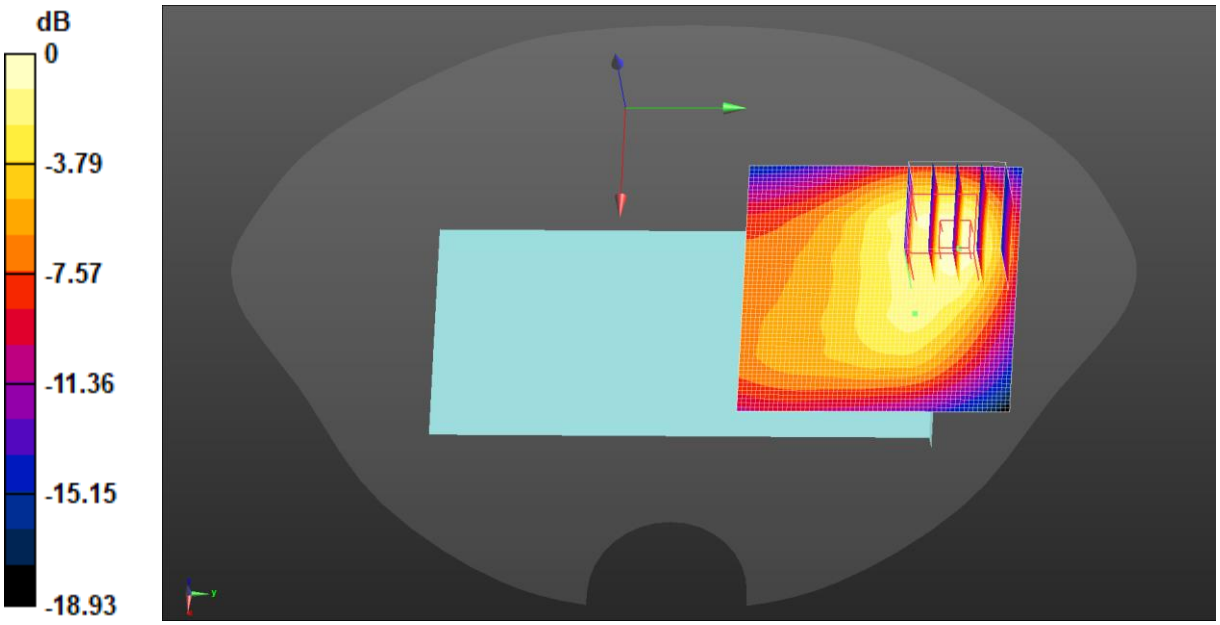
- Probe: EX3DV4 - SN7601; ConvF(8.44, 8.44, 8.44) @ 1880 MHz; Calibrated: 01.29.2024
- Sensor-Surface: 1.4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1373; Calibrated: 11.27.2023
- Phantom: SAM-Twin; Type: QD 000 P40 CD; Serial: 1885
- Measurement SW: DASY52, Version 52.10 (4); SEMCAD X Version 14.6.14 (7501)

GPRS 1900 4Slots Body Back/Middle Channel/Area Scan (61x61x1):

Interpolated grid: dx=1.500 mm, dy=1.500 mm
Maximum value of SAR (interpolated) = 1.10 W/kg

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

Measurement grid: dx=8mm, dy=8mm, dz=5mm
Reference Value = 9.400 V/m; Power Drift = -0.09 dB
Peak SAR (extrapolated) = 1.21 W/kg
SAR(1 g) = 0.658 W/kg; SAR(10 g) = 0.369 W/kg
Smallest distance from peaks to all points 3 dB below = 11.2 mm
Ratio of SAR at M2 to SAR at M1 = 55.2%
Maximum value of SAR (measured) = 1.01 W/kg



0 dB = 1.10 W/kg = 0.43 dBW/kg

Test Laboratory: JYTSZ Date: 04.24.2024

DUT: Mobile Phone; Type: X6860; Serial: SZR012400192-3

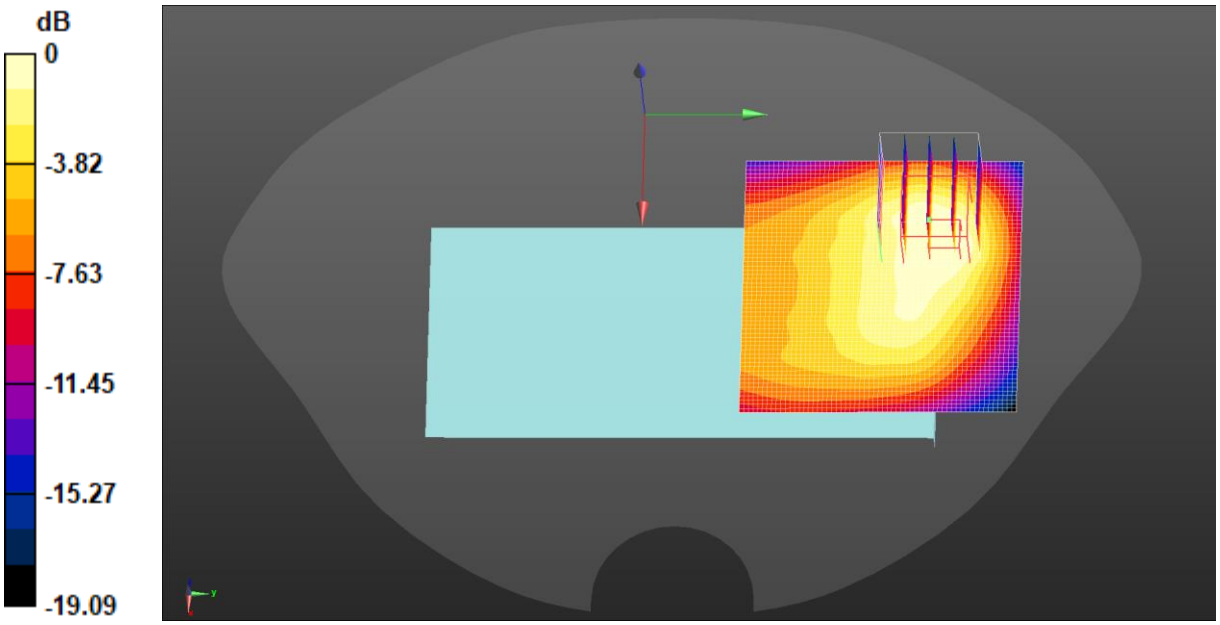
Communication System: UID 0, UMTS-FDD(WCDMA) (0); Frequency: 1880 MHz;Duty Cycle: 1:1
Medium parameters used: f = 1880 MHz; σ = 1.395 S/m; ε_r = 38.284; ρ = 1000 kg/m^3
Phantom section: Flat Section

DASY5 Configuration:

- Probe: EX3DV4 - SN7601; ConvF(8.44, 8.44, 8.44) @ 1880 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/Middle Channel/Area Scan (61x61x1): Interpolated grid: dx=1.500 mm, dy=1.500 mm
Maximum value of SAR (interpolated) = 0.927 W/kg

WCDMA 1900 Body Back/Middle Channel/Zoom Scan (5x5x7)/Cube 0:
Measurement grid: dx=8mm, dy=8mm, dz=5mm
Reference Value = 10.11 V/m; Power Drift = -0.01 dB
Peak SAR (extrapolated) = 1.25 W/kg
SAR(1 g) = 0.682 W/kg; SAR(10 g) = 0.365 W/kg
Smallest distance from peaks to all points 3 dB below = 9.7 mm
Ratio of SAR at M2 to SAR at M1 = 55.2%
Maximum value of SAR (measured) = 1.01 W/kg



0 dB = 0.927 W/kg = -0.33 dBW/kg

Test Laboratory: JYTSZ Date: 04.22.2024

DUT: Mobile Phone; Type: X6860; Serial: SZR012400192-3

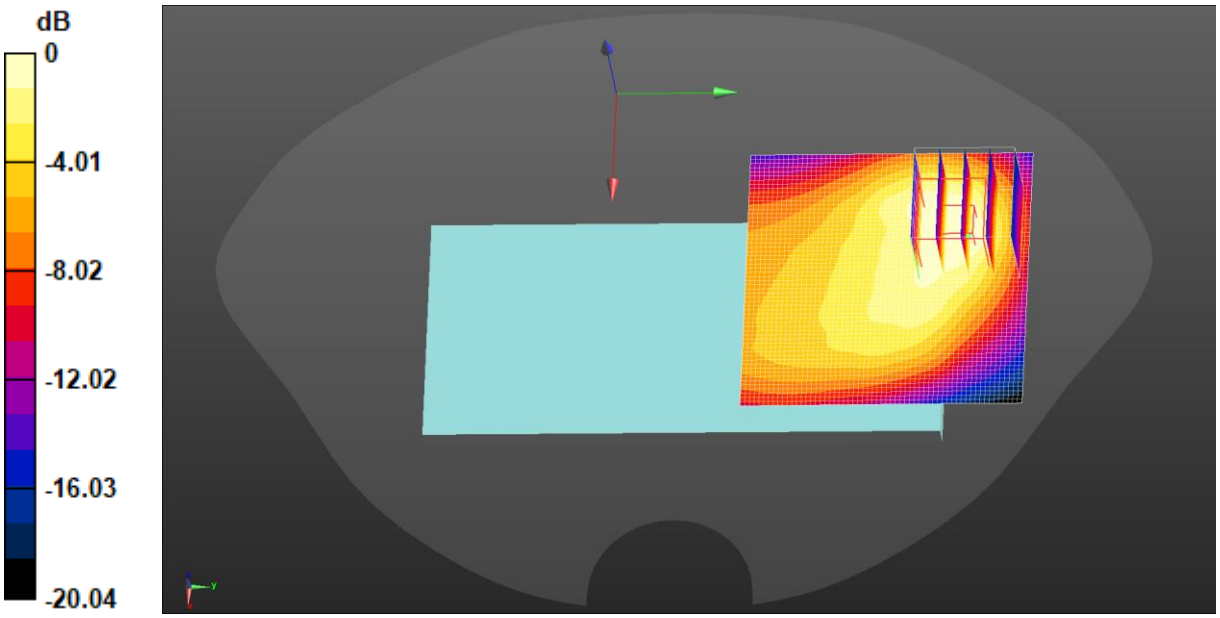
Communication System: UID 0, UMTS-FDD(WCDMA) (0); Frequency: 1752.6 MHz;Duty Cycle: 1:1
Medium parameters used (interpolated): f = 1752.6 MHz; σ = 1.356 S/m; ε_r = 38.391; ρ = 1000 kg/m^3
Phantom section: Flat Section

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/Middle Channel/Area Scan (61x61x1): Interpolated grid: dx=1.500 mm, dy=1.500 mm
Maximum value of SAR (interpolated) = 0.583 W/kg

WCDMA 1700 Body Back/Middle Channel/Zoom Scan (5x5x7)/Cube 0:
Measurement grid: dx=8mm, dy=8mm, dz=5mm
Reference Value = 8.119 V/m; Power Drift = -0.07 dB
Peak SAR (extrapolated) = 0.756 W/kg
SAR(1 g) = 0.416 W/kg; SAR(10 g) = 0.231 W/kg
Smallest distance from peaks to all points 3 dB below = 11.2 mm
Ratio of SAR at M2 to SAR at M1 = 57.7%
Maximum value of SAR (measured) = 0.589 W/kg



0 dB = 0.583 W/kg = -2.35 dBW/kg

Test Laboratory: JYTSZ Date: 04.20.2024

DUT: Mobile Phone; Type: X6860; Serial: SZR012400192-3

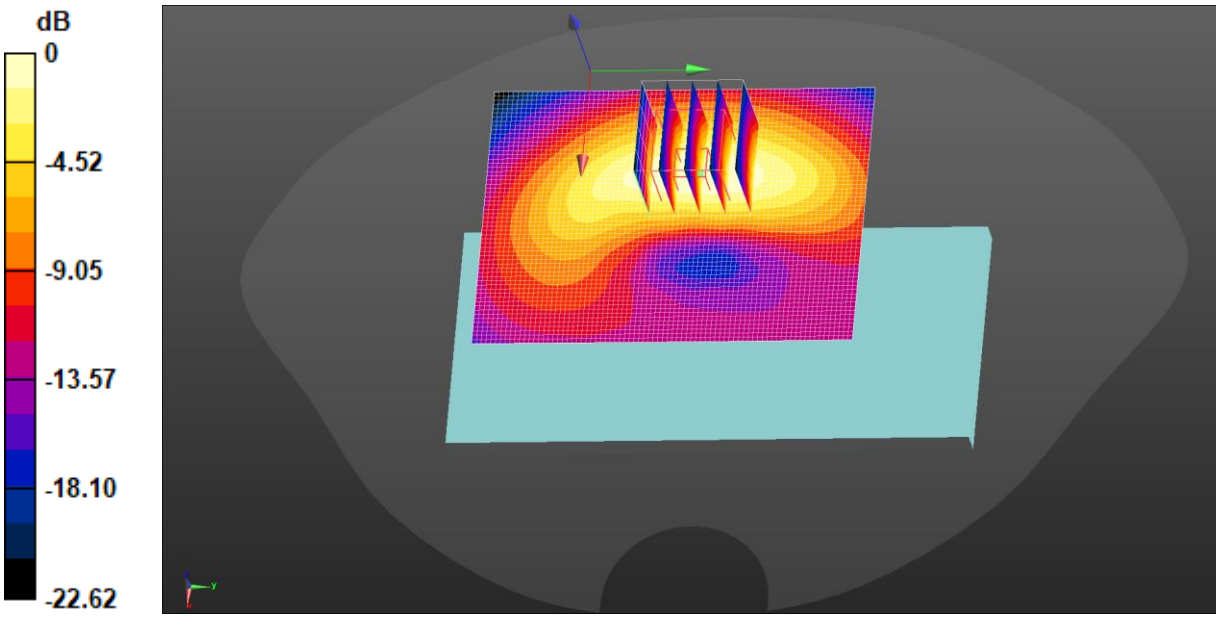
Communication System: UID 0, UMTS-FDD(WCDMA) (0); Frequency: 836.6 MHz;Duty Cycle: 1:1
Medium parameters used (interpolated): f = 836.6 MHz; σ = 0.909 S/m; ε_r = 41.032; ρ = 1000 kg/m^3
Phantom section: Flat Section

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 (61x81x1): Interpolated grid: dx=1.500 mm, dy=1.500 mm
Maximum value of SAR (interpolated) = 0.854 W/kg

WCDMA 850 Body Back/Middle Channel/Zoom Scan (5x5x7)/Cube 0:
Measurement grid: dx=8mm, dy=8mm, dz=5mm
Reference Value = 6.897 V/m; Power Drift = -0.04 dB
Peak SAR (extrapolated) = 1.03 W/kg
SAR(1 g) = 0.586 W/kg; SAR(10 g) = 0.343 W/kg
Smallest distance from peaks to all points 3 dB below = 9.6 mm
Ratio of SAR at M2 to SAR at M1 = 61.2%
Maximum value of SAR (measured) = 0.799 W/kg



0 dB = 0.854 W/kg = -0.69 dBW/kg

Test Laboratory: JYTSZ Date: 04.24.2024

DUT: Mobile Phone; Type: X6860; Serial: SZR012400192-3

Communication System: UID 0, LTE-FDD(USA) 1RB QPSK (0); Frequency: 1860 MHz;Duty Cycle: 1:1
Medium parameters used: f = 1860 MHz; σ = 1.395 S/m; ε_r = 38.284; ρ = 1000 kg/m^3
Phantom section: Flat Section

DASY5 Configuration:

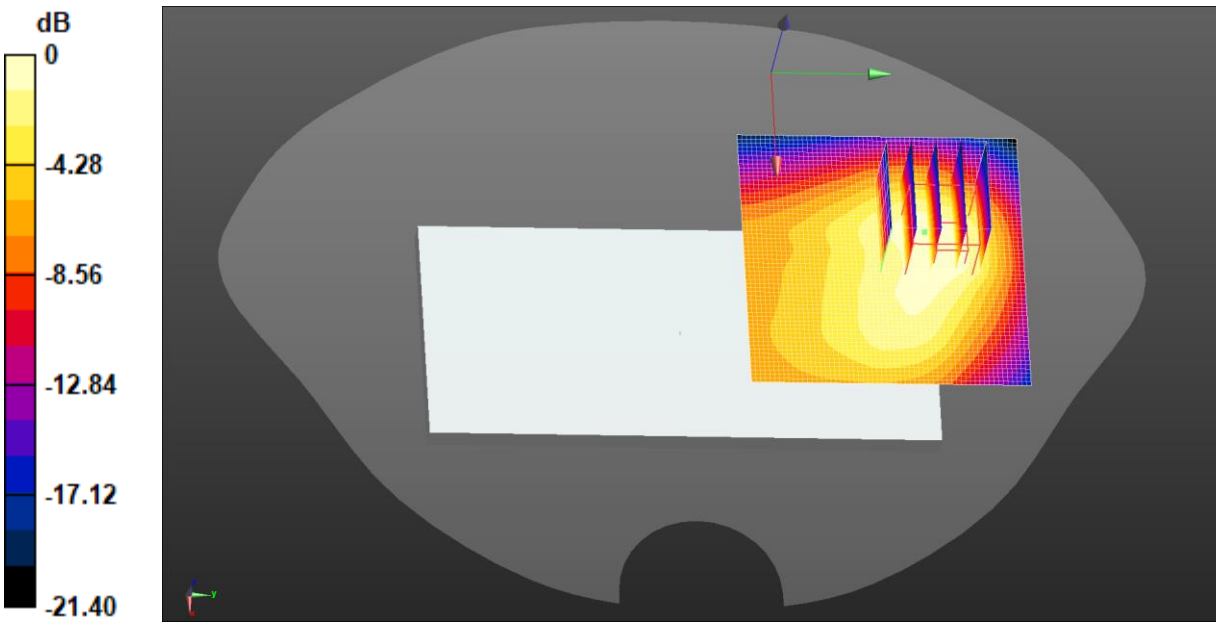
- Probe: EX3DV4 - SN7601; ConvF(8.44, 8.44, 8.44) @ 1860 MHz; Calibrated: 01.29.2024
- Sensor-Surface: 1.4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1373; Calibrated: 11.27.2023
- Phantom: SAM-Twin; Type: QD 000 P40 CD; Serial: 1885
- Measurement SW: DASY52, Version 52.10 (4); SEMCAD X Version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

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

Interpolated grid: dx=1.500 mm, dy=1.500 mm
Maximum value of SAR (interpolated) = 0.509 W/kg

LTE Band 2 1RB(20MHz) Body Back/Low Channel/Zoom Scan (5x5x7)/Cube 0:

Measurement grid: dx=8mm, dy=8mm, dz=5mm
Reference Value = 7.224 V/m; Power Drift = -0.02 dB
Peak SAR (extrapolated) = 0.626 W/kg
SAR(1 g) = 0.342 W/kg; SAR(10 g) = 0.190 W/kg
Smallest distance from peaks to all points 3 dB below = 11.5 mm
Ratio of SAR at M2 to SAR at M1 = 56.3%
Maximum value of SAR (measured) = 0.517 W/kg



0 dB = 0.509 W/kg = -2.94 dBW/kg

Test Laboratory: JYTSZ Date: 04.22.2024

DUT: Mobile Phone; Type: X6860; Serial: SZR012400192-3

Communication System: UID 0, LTE-FDD(USA) 1RB QPSK (0); Frequency: 1745 MHz;Duty Cycle: 1:1
Medium parameters used (interpolated): f = 1745 MHz; σ = 1.356 S/m; ε_r = 38.391; ρ = 1000 kg/m^3
Phantom section: Flat Section

DASY5 Configuration:

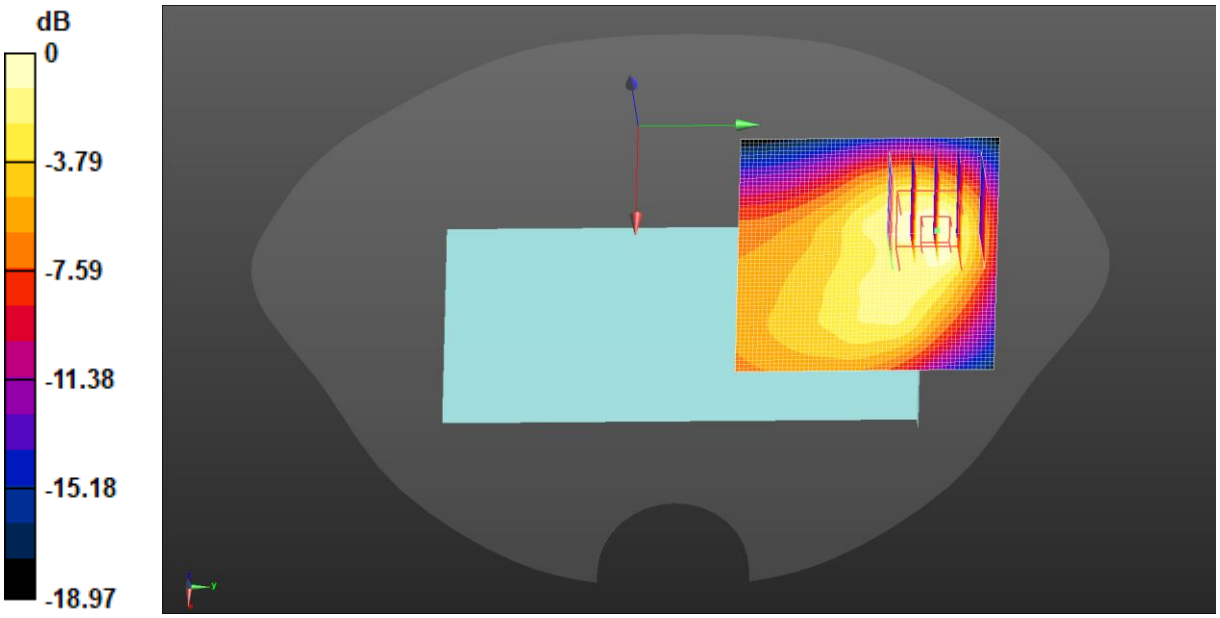
- Probe: EX3DV4 - SN7601; ConvF(8.73, 8.73, 8.73) @ 1745 MHz; Calibrated: 01.29.2024
- Sensor-Surface: 1.4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1373; Calibrated: 11.27.2023
- Phantom: SAM-Twin; Type: QD 000 P40 CD; Serial: 1885
- Measurement SW: DASY52, Version 52.10 (4); SEMCAD X Version 14.6.14 (7501)

LTE Band 4 1RB(20MHz) Body Back/High Channel/Area Scan (61x61x1):

Interpolated grid: dx=1.500 mm, dy=1.500 mm
Maximum value of SAR (interpolated) = 0.582 W/kg

LTE Band 4 1RB(20MHz) Body Back/High Channel/Zoom Scan (5x5x7)/Cube 0:

Measurement grid: dx=8mm, dy=8mm, dz=5mm
Reference Value = 7.766 V/m; Power Drift = -0.03 dB
Peak SAR (extrapolated) = 0.721 W/kg
SAR(1 g) = 0.388 W/kg; SAR(10 g) = 0.215 W/kg
Smallest distance from peaks to all points 3 dB below = 11.2 mm
Ratio of SAR at M2 to SAR at M1 = 53.6%
Maximum value of SAR (measured) = 0.588 W/kg



0 dB = 0.582 W/kg = -2.35 dBW/kg

Test Laboratory: JYTSZ Date: 04.20.2024

DUT: Mobile Phone; Type: X6860; Serial: SZR012400192-3

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; σ = 0.909 S/m; ε_r = 41.032; ρ = 1000 kg/m^3
Phantom section: Flat Section

DASY5 Configuration:

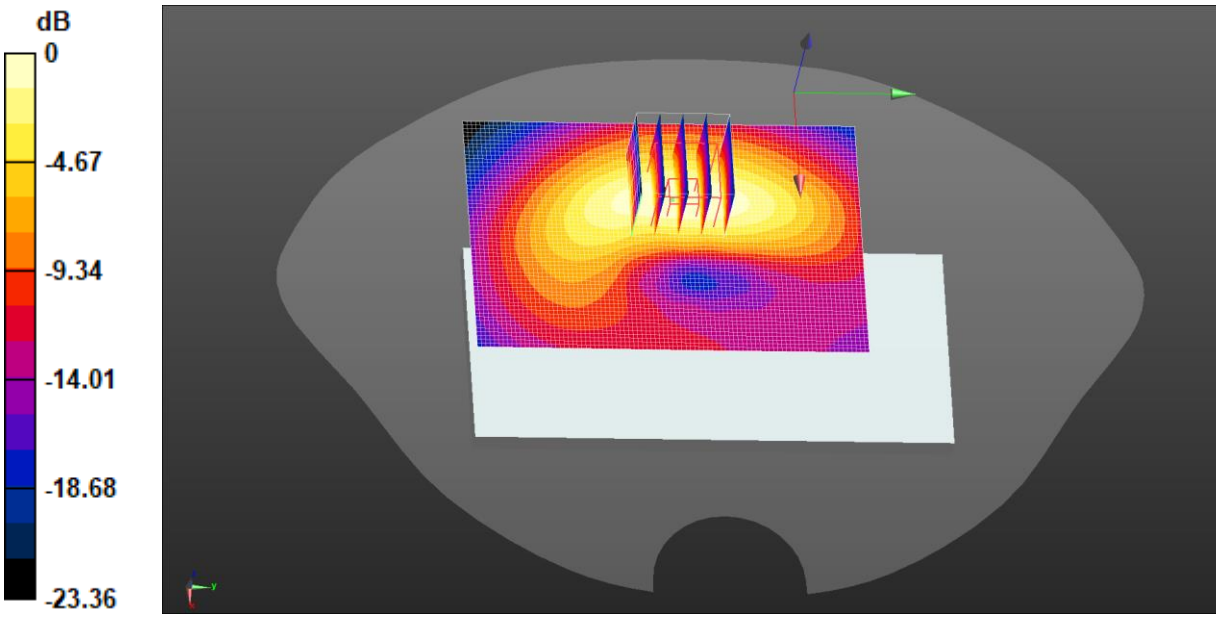
- Probe: EX3DV4 - SN7601; ConvF(10.3, 10.3, 10.3) @ 836.5 MHz; Calibrated: 01.29.2024
- Sensor-Surface: 1.4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1373; Calibrated: 11.27.2023
- Phantom: SAM-Twin; Type: QD 000 P40 CD; Serial: 1885
- Measurement SW: DASY52, Version 52.10 (4); SEMCAD X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

LTE Band 5 1RB(10MHz) Body Back/Middle Channel/Area Scan (61x91x1):

Interpolated grid: dx=1.500 mm, dy=1.500 mm
Maximum value of SAR (interpolated) = 0.614 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 = 6.062 V/m; Power Drift = -0.04 dB
Peak SAR (extrapolated) = 0.762 W/kg
SAR(1 g) = 0.434 W/kg; SAR(10 g) = 0.254 W/kg
Smallest distance from peaks to all points 3 dB below = 8 mm
Ratio of SAR at M2 to SAR at M1 = 61.7%
Maximum value of SAR (measured) = 0.591 W/kg



0 dB = 0.614 W/kg = -2.12 dBW/kg

Test Laboratory: JYTSZ Date: 04.26.2024

DUT: Mobile Phone; Type: X6860; Serial: SZR012400192-3

Communication System: UID 0, LTE-FDD(USA) 1RB QPSK (0); Frequency: 2510 MHz;Duty Cycle: 1:1
Medium parameters used: f = 2510 MHz; σ = 1.858 S/m; ε_r = 37.549; ρ = 1000 kg/m^3
Phantom section: Flat Section

DASY5 Configuration:

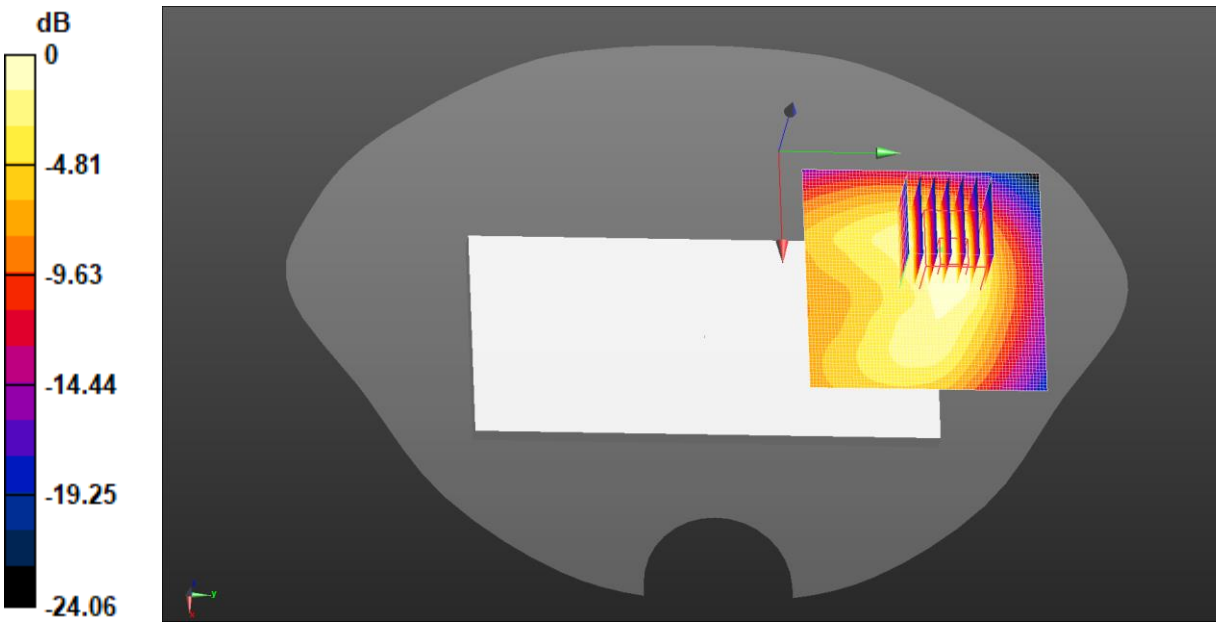
- Probe: EX3DV4 - SN7601; ConvF(7.89, 7.89, 7.89) @ 2510 MHz; Calibrated: 01.29.2024
- Sensor-Surface: 1.4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1373; Calibrated: 11.27.2023
- Phantom: SAM-Twin; Type: QD 000 P40 CD; Serial: 1885
- Measurement SW: DASY52, Version 52.10 (4); SEMCAD X Version 14.6.14 (7501)

LTE Band 7 1RB(20MHz) Body Back/Low Channel/Area Scan (71x71x1):

Interpolated grid: dx=1.200 mm, dy=1.200 mm
Maximum value of SAR (interpolated) = 1.45 W/kg

LTE Band 7 1RB(20MHz) Body Back/Low Channel/Zoom Scan (7x7x7)/Cube 0:

Measurement grid: dx=5mm, dy=5mm, dz=5mm
Reference Value = 7.688 V/m; Power Drift = 0.04 dB
Peak SAR (extrapolated) = 2.02 W/kg
SAR(1 g) = 0.984 W/kg; SAR(10 g) = 0.479 W/kg
Smallest distance from peaks to all points 3 dB below = 10 mm
Ratio of SAR at M2 to SAR at M1 = 48.9%
Maximum value of SAR (measured) = 1.62 W/kg



0 dB = 1.45 W/kg = 1.60 dBW/kg

Test Laboratory: JYTSZ Date: 04.28.2024

DUT: Mobile Phone; Type: X6860; Serial: SZR012400192-3

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; σ = 1.951 S/m; ε_r = 37.441; ρ = 1000 kg/m^3
Phantom section: Flat Section

DASY5 Configuration:

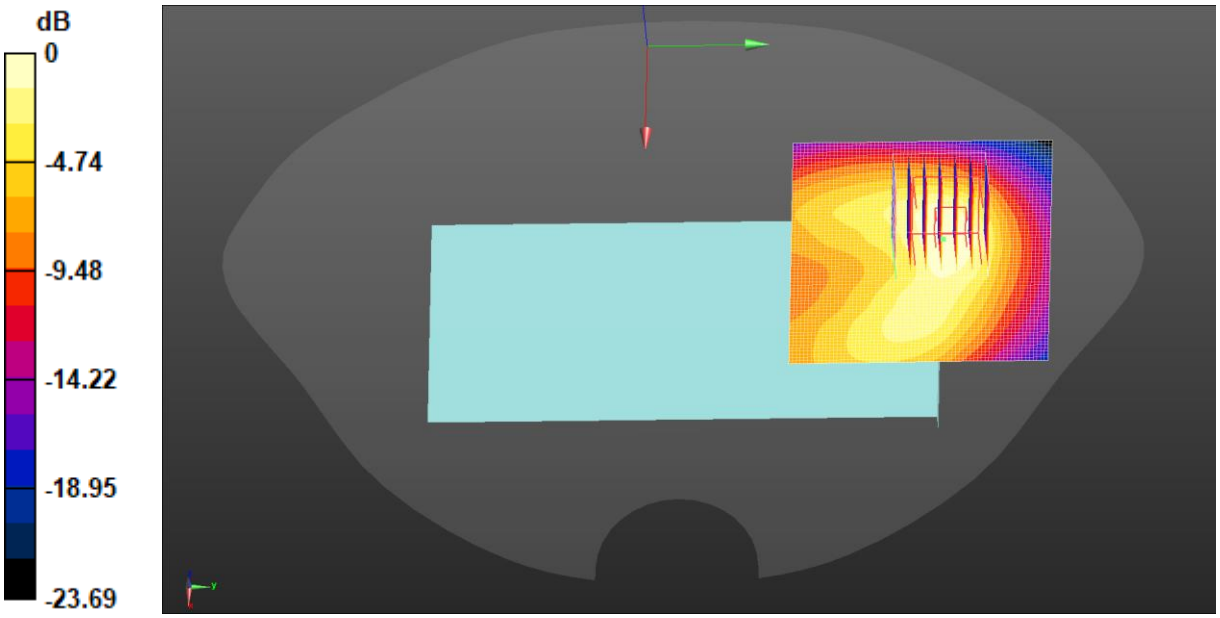
- Probe: EX3DV4 - SN7601; ConvF(7.6, 7.6, 7.6) @ 2645 MHz; Calibrated: 01.29.2024
- Sensor-Surface: 1.4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1373; Calibrated: 11.27.2023
- Phantom: SAM-Twin; Type: QD 000 P40 CD; Serial: 1885
- Measurement SW: DASY52, Version 52.10 (4); SEMCAD X Version 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) = 0.744 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 = 4.534 V/m; Power Drift = 0.08 dB
Peak SAR (extrapolated) = 1.03 W/kg
SAR(1 g) = 0.496 W/kg; SAR(10 g) = 0.236 W/kg
Smallest distance from peaks to all points 3 dB below = 9.5 mm
Ratio of SAR at M2 to SAR at M1 = 48.6%
Maximum value of SAR (measured) = 0.805 W/kg



0 dB = 0.744 W/kg = -1.29 dBW/kg

Test Laboratory: JYTSZ Date: 04.26.2024

DUT: Mobile Phone; Type: X6860; Serial: SZR012400192-3

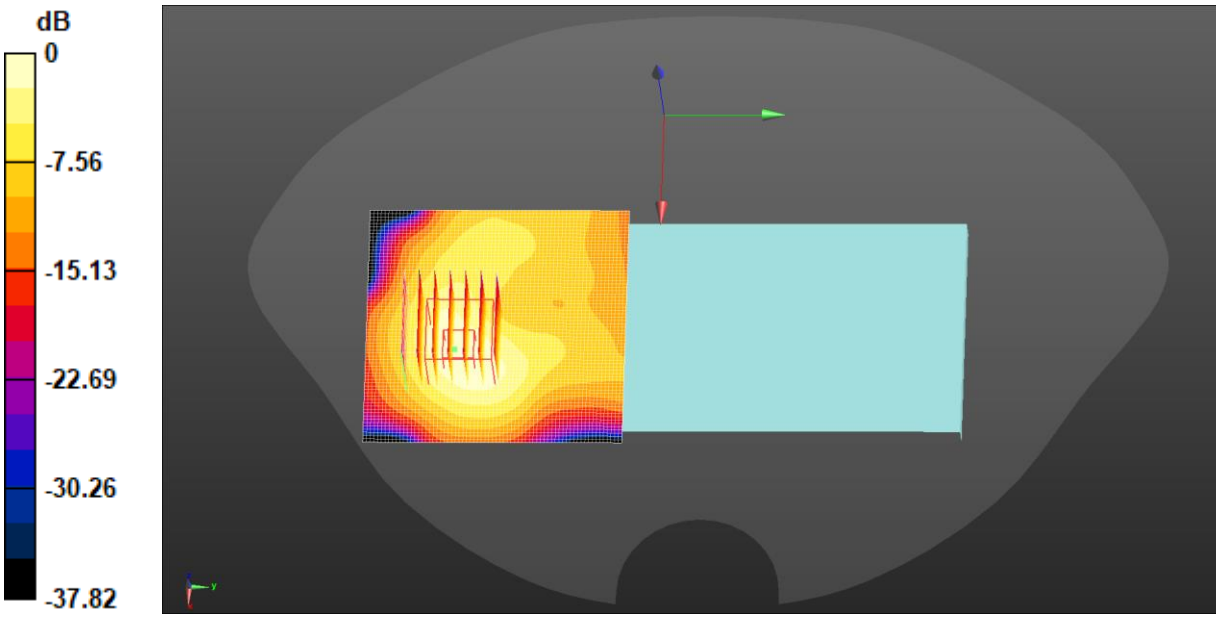
Communication System: UID 0, IEEE 802.11b WiFi 2.4 GHz (DSSS, 1 Mbps) (0);
Frequency: 2412 MHz;Duty Cycle: 1:1
Medium parameters used (interpolated): f = 2412 MHz; σ = 1.759 S/m; ε_r = 37.693; ρ = 1000 kg/m^3
Phantom section: Flat Section

DASY5 Configuration:

- Probe: EX3DV4 - SN7601; ConvF(7.89, 7.89, 7.89) @ 2412 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/Low Channel/Area Scan (71x71x1): Interpolated grid: dx=1.200 mm, dy=1.200 mm
Maximum value of SAR (interpolated) = 0.102 W/kg

2.4G WiFi Body Back/Low Channel/Zoom Scan (7x7x7)/Cube 0: Measurement grid: dx=5mm, dy=5mm, dz=5mm
Reference Value = 1.059 V/m; Power Drift = 0.08 dB
Peak SAR (extrapolated) = 0.129 W/kg
SAR(1 g) = 0.063 W/kg; SAR(10 g) = 0.030 W/kg
Smallest distance from peaks to all points 3 dB below = 9.9 mm
Ratio of SAR at M2 to SAR at M1 = 49%
Maximum value of SAR (measured) = 0.104 W/kg



0 dB = 0.104 W/kg = -9.83 dBW/kg

Test Laboratory: JYTSZ Date: 04.30.2024

DUT: Mobile Phone; Type: X6860; Serial: SZR012400192-3

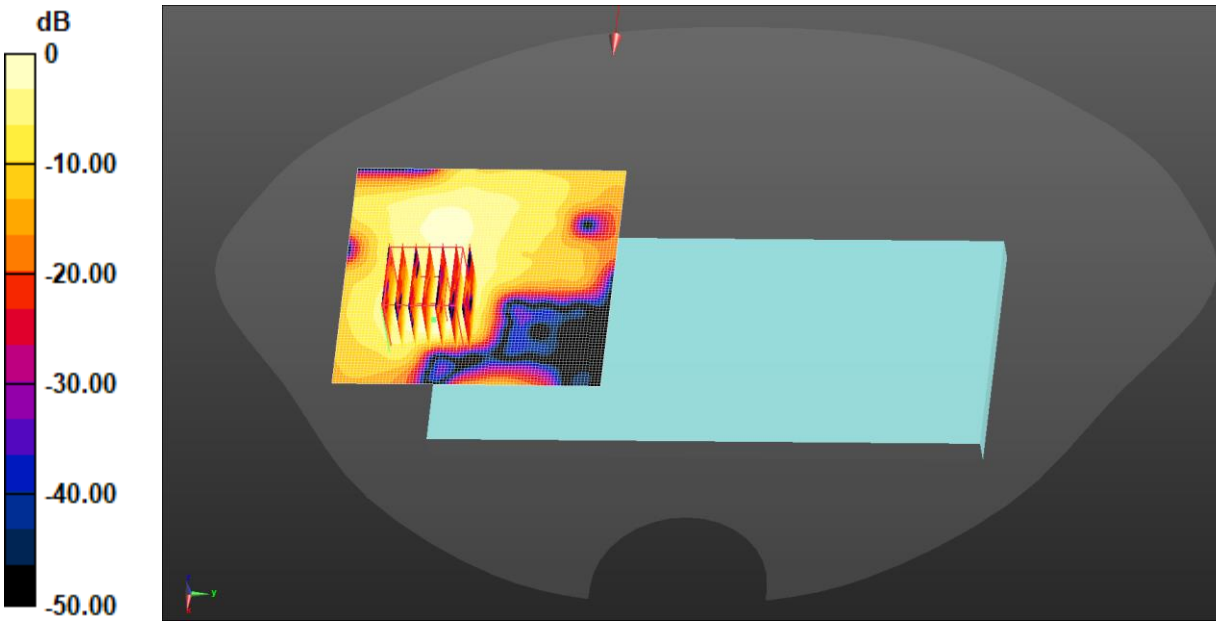
Communication System: UID 0, IEEE 802.11a WiFi 5GHz (0); Frequency: 5240 MHz;Duty Cycle: 1:1
Medium parameters used: f = 5240 MHz; σ = 4.69 S/m; ε_r = 34.789; ρ = 1000 kg/m^3
Phantom section: Flat Section

DASY5 Configuration:

- Probe: EX3DV4 - SN7601; ConvF(5.51, 5.51, 5.51) @ 5240 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/High Channel/Area Scan (81x81x1): Interpolated grid: dx=1.000 mm, dy=1.000 mm
Maximum value of SAR (interpolated) = 0.201 W/kg

5.2G WiFi Body Back/High Channel/Zoom Scan (7x7x12)/Cube 0: Measurement grid: dx=4mm, dy=4mm, dz=2mm
Reference Value = 0.4440 V/m; Power Drift = -0.08 dB
Peak SAR (extrapolated) = 0.264 W/kg
SAR(1 g) = 0.075 W/kg; SAR(10 g) = 0.024 W/kg
Smallest distance from peaks to all points 3 dB below = 8.8 mm
Ratio of SAR at M2 to SAR at M1 = 56.9%
Maximum value of SAR (measured) = 0.170 W/kg



0 dB = 0.170 W/kg = -7.70 dBW/kg

Test Laboratory: JYTSZ Date: 04.30.2024

DUT: Mobile Phone; Type: X6860; Serial: SZR012400192-3

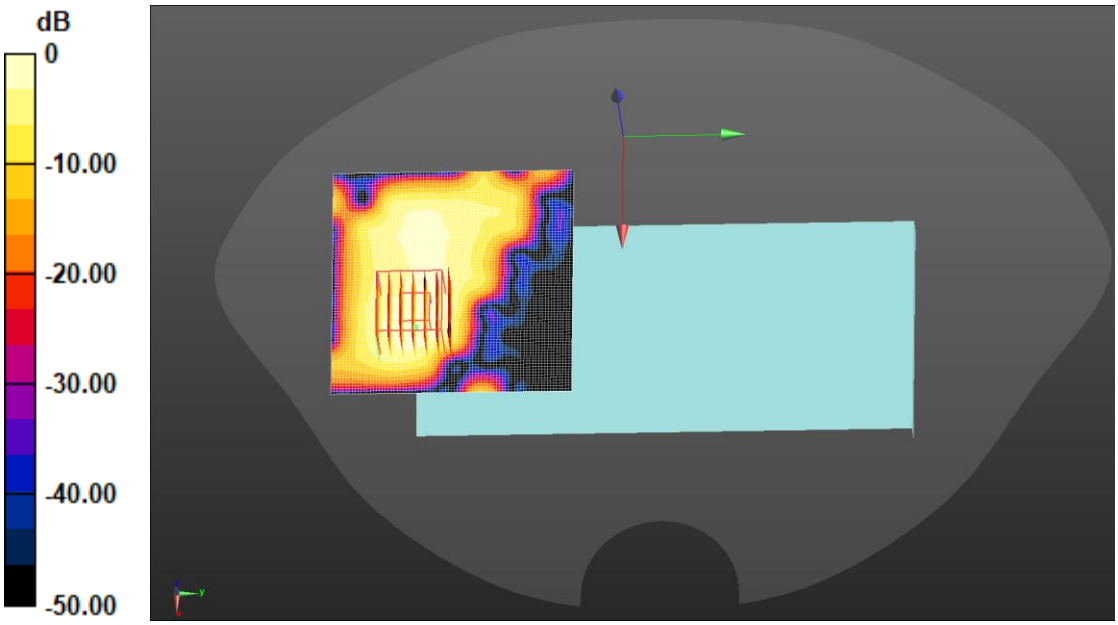
Communication System: UID 0, IEEE 802.11a WiFi 5GHz (0); Frequency: 5280 MHz;Duty Cycle: 1:1
Medium parameters used: f = 5280 MHz; σ = 4.731 S/m; ε_r = 34.743; ρ = 1000 kg/m^3
Phantom section: Flat Section

DASY5 Configuration:

- Probe: EX3DV4 - SN7601; ConvF(5.51, 5.51, 5.51) @ 5280 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/Middle Channel/Area Scan (81x81x1): Interpolated grid: dx=1.000 mm, dy=1.000 mm
Maximum value of SAR (interpolated) = 0.223 W/kg

5.3G WiFi Body Back/Middle Channel/Zoom Scan (7x7x12)/Cube 0:
Measurement grid: dx=4mm, dy=4mm, dz=2mm
Reference Value = 0.2460 V/m; Power Drift = 0.00 dB
Peak SAR (extrapolated) = 0.297 W/kg
SAR(1 g) = 0.085 W/kg; SAR(10 g) = 0.028 W/kg
Smallest distance from peaks to all points 3 dB below = 8.2 mm
Ratio of SAR at M2 to SAR at M1 = 56%
Maximum value of SAR (measured) = 0.188 W/kg



0 dB = 0.188 W/kg = -7.26 dBW/kg

Test Laboratory: JYTSZ Date: 05.02.2024

DUT: Mobile Phone; Type: X6860; Serial: SZR012400192-3

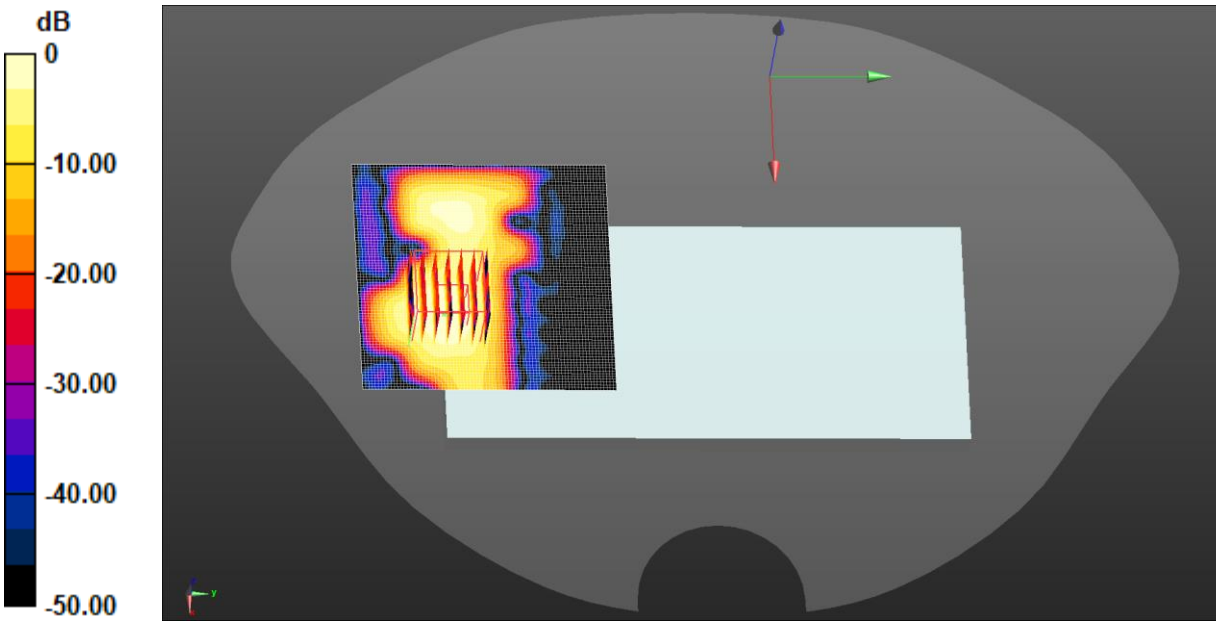
Communication System: UID 0, IEEE 802.11a WiFi 5GHz (0); Frequency: 5700 MHz;Duty Cycle: 1:1
Medium parameters used: f = 5700 MHz; σ = 5.161 S/m; ε_r = 34.263; ρ = 1000 kg/m^3
Phantom section: Flat Section

DASY5 Configuration:

- Probe: EX3DV4 - SN3924; ConvF(4.78, 4.78, 4.78) @ 5700 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 Body Back/High Channel/Area Scan (81x81x1): Interpolated grid: dx=1.000 mm, dy=1.000 mm
Maximum value of SAR (interpolated) = 0.239 W/kg

5.6G WiFi Body Back/High 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) = 0.505 W/kg
SAR(1 g) = 0.082 W/kg; SAR(10 g) = 0.025 W/kg
Smallest distance from peaks to all points 3 dB below = 8 mm
Ratio of SAR at M2 to SAR at M1 = 49.2%
Maximum value of SAR (measured) = 0.202 W/kg



0 dB = 0.202 W/kg = -6.95 dBW/kg

Test Laboratory: JYTSZ Date: 05.04.2024

DUT: Mobile Phone; Type: X6860; Serial: SZR012400192-3

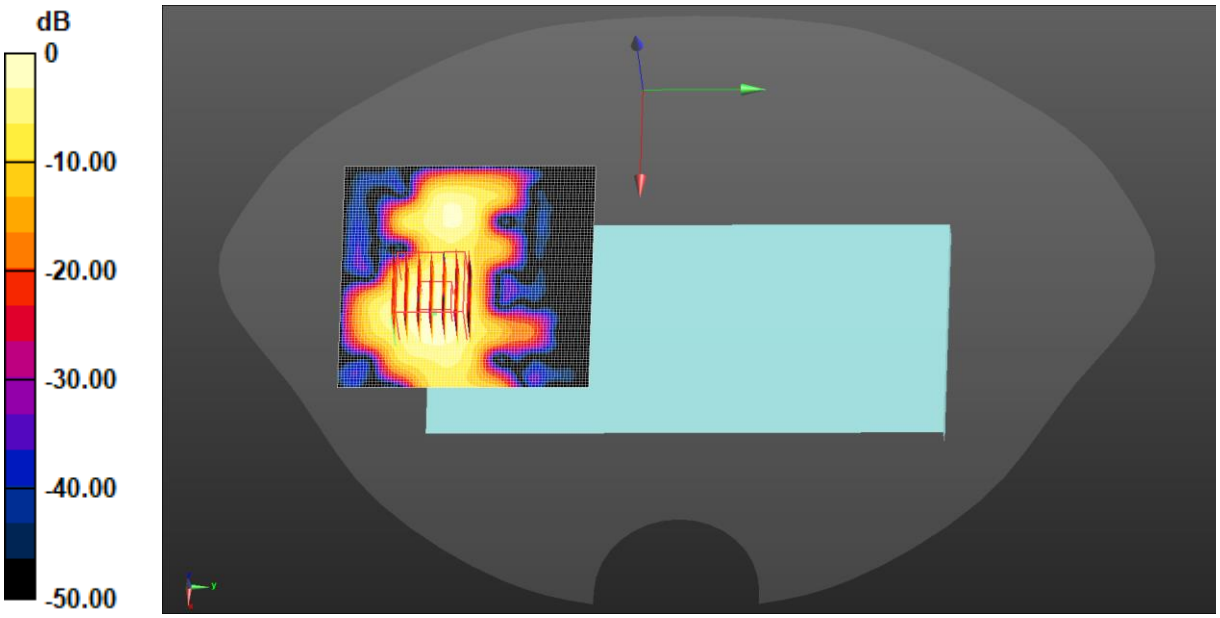
Communication System: UID 0, IEEE 802.11a WiFi 5GHz (0); Frequency: 5825 MHz;Duty Cycle: 1:1
Medium parameters used (interpolated): f = 5825 MHz; σ = 5.289 S/m; ε_r = 34.12; ρ = 1000 kg/m^3
Phantom section: Flat Section

DASY5 Configuration:

- Probe: EX3DV4 - SN7601; ConvF(5.01, 5.01, 5.01) @ 5825 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/High Channel/Area Scan (81x81x1): Interpolated grid: dx=1.000 mm, dy=1.000 mm
Maximum value of SAR (interpolated) = 0.222 W/kg

5.8G WiFi Body Back/High 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) = 0.388 W/kg
SAR(1 g) = 0.084 W/kg; SAR(10 g) = 0.026 W/kg
Smallest distance from peaks to all points 3 dB below = 7.2 mm
Ratio of SAR at M2 to SAR at M1 = 47.7%
Maximum value of SAR (measured) = 0.208 W/kg



0 dB = 0.208 W/kg = -6.82 dBW/kg

Test Laboratory: JYTSZ Date: 04.26.2024

DUT: Mobile Phone; Type: X6860; Serial: SZR012400192-3

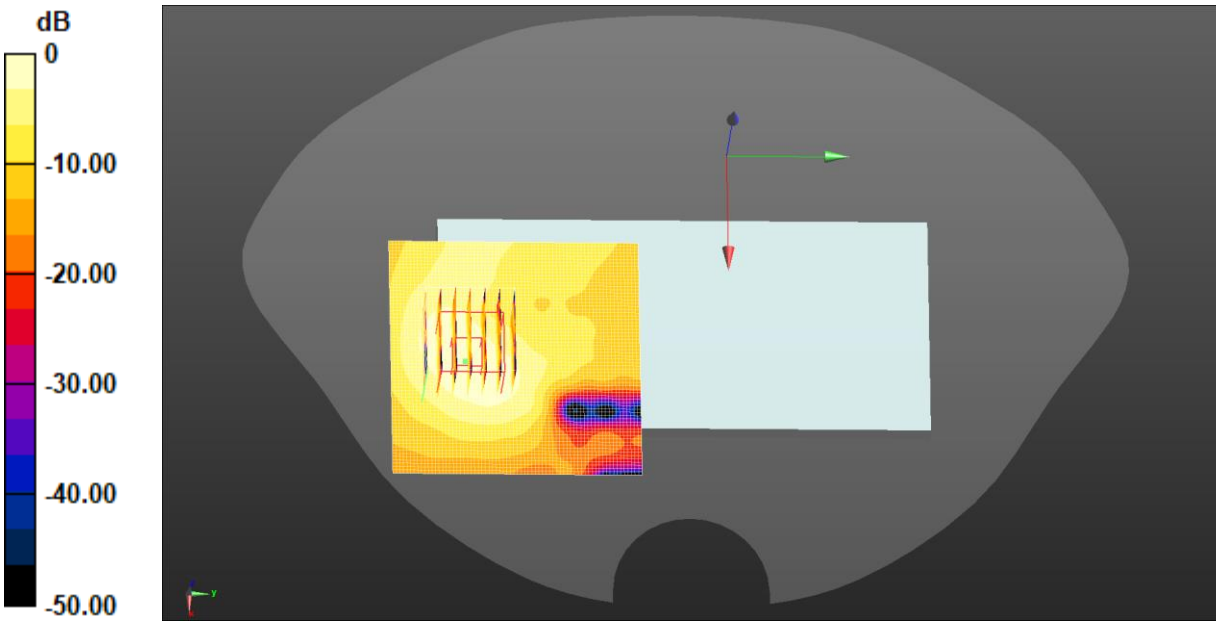
Communication System: UID 0, Bluetooth (0); Frequency: 2480 MHz;Duty Cycle: 1:1
Medium parameters used: f = 2480 MHz; σ = 1.826 S/m; ε_r = 37.587; ρ = 1000 kg/m^3
Phantom section: Flat Section

DASY5 Configuration:

- Probe: EX3DV4 - SN7601; ConvF(7.89, 7.89, 7.89) @ 2480 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/High Channel/Area Scan (71x71x1): Interpolated grid: dx=1.200 mm, dy=1.200 mm
Maximum value of SAR (interpolated) = 0.0527 W/kg

Bluetooth Body Back/High Channel/Zoom Scan (7x7x7)/Cube 0: Measurement grid: dx=5mm, dy=5mm, dz=5mm
Reference Value = 0.8670 V/m; Power Drift = 0.07 dB
Peak SAR (extrapolated) = 0.0720 W/kg
SAR(1 g) = 0.034 W/kg; SAR(10 g) = 0.017 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 = 50.4%
Maximum value of SAR (measured) = 0.0556 W/kg



0 dB = 0.0527 W/kg = -12.78 dBW/kg

Test Laboratory: JYTSZ Date: 04.22.2024

DUT: Mobile Phone; Type: X6860; Serial: SZR012400192-3

Communication System: UID 0, UMTS-FDD(WCDMA) (0); Frequency: 1752.6 MHz;Duty Cycle: 1:1
Medium parameters used (interpolated): f = 1752.6 MHz; σ = 1.368 S/m; ε_r = 38.359; ρ = 1000 kg/m^3
Phantom section: Flat Section

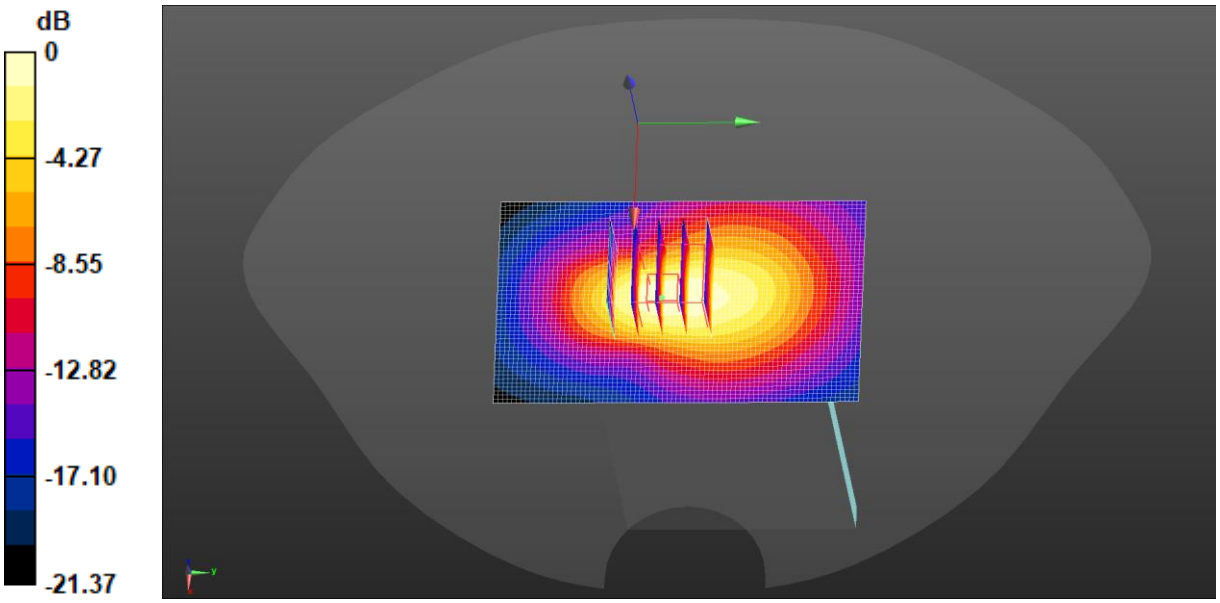
DASY5 Configuration:

- 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 Bottom/High Channel/Area Scan (51x81x1): Interpolated grid: dx=1.500 mm, dy=1.500 mm
Maximum value of SAR (interpolated) = 0.994 W/kg

WCDMA 1700 Body Bottom/High Channel/Zoom Scan (5x5x7)/Cube 0:
Measurement grid: dx=8mm, dy=8mm, dz=5mm
Reference Value = 26.33 V/m; Power Drift = 0.05 dB
Peak SAR (extrapolated) = 1.28 W/kg
SAR(1 g) = 0.679 W/kg; SAR(10 g) = 0.357 W/kg
Smallest distance from peaks to all points 3 dB below = 9.6 mm
Ratio of SAR at M2 to SAR at M1 = 54.2%

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



0 dB = 0.994 W/kg = -0.03 dBW/kg

Test Laboratory: JYTSZ Date: 04.20.2024

DUT: Mobile Phone; Type: X6860; Serial: SZR012400192-3

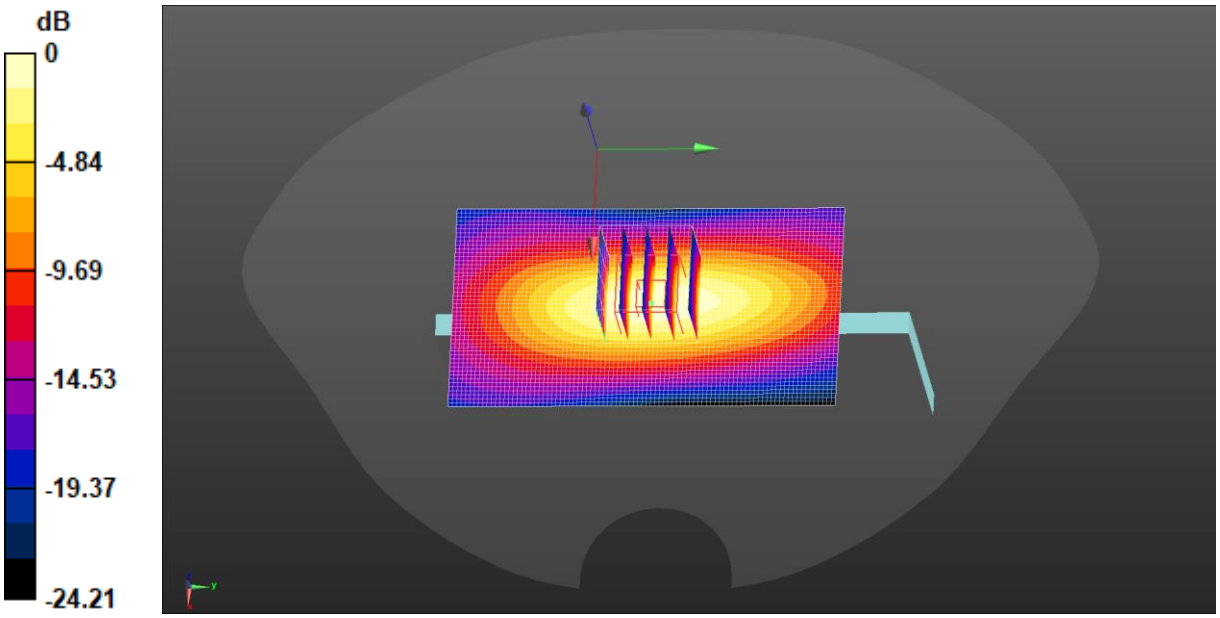
Communication System: UID 0, UMTS-FDD(WCDMA) (0); Frequency: 846.6 MHz;Duty Cycle: 1:1
Medium parameters used (interpolated): f = 846.6 MHz; σ = 0.912 S/m; ε_r = 40.996; ρ = 1000 kg/m^3
Phantom section: Flat Section

DASY5 Configuration:

- Probe: EX3DV4 - SN7601; ConvF(10.3, 10.3, 10.3) @ 846.6 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 Left/High Channel/Area Scan (51x91x1): Interpolated grid: dx=1.500 mm, dy=1.500 mm
Maximum value of SAR (interpolated) = 1.63 W/kg

WCDMA 850 Body Left/High Channel/Zoom Scan (5x5x7)/Cube 0:
Measurement grid: dx=8mm, dy=8mm, dz=5mm
Reference Value = 42.15 V/m; Power Drift = 0.12 dB
Peak SAR (extrapolated) = 2.00 W/kg
SAR(1 g) = 1.06 W/kg; SAR(10 g) = 0.593 W/kg
Smallest distance from peaks to all points 3 dB below = 11.2 mm
Ratio of SAR at M2 to SAR at M1 = 53.8%
Maximum value of SAR (measured) = 1.62 W/kg



0 dB = 1.63 W/kg = 2.13 dBW/kg

Test Laboratory: JYTSZ Date: 04.24.2024

DUT: Mobile Phone; Type: X6860; Serial: SZR012400192-3

Communication System: UID 0, LTE-FDD(USA) 1RB QPSK (0); Frequency: 1860 MHz;Duty Cycle: 1:1
Medium parameters used: f = 1860 MHz; σ = 1.395 S/m; ε_r = 38.284; ρ = 1000 kg/m^3
Phantom section: Flat Section

DASY5 Configuration:

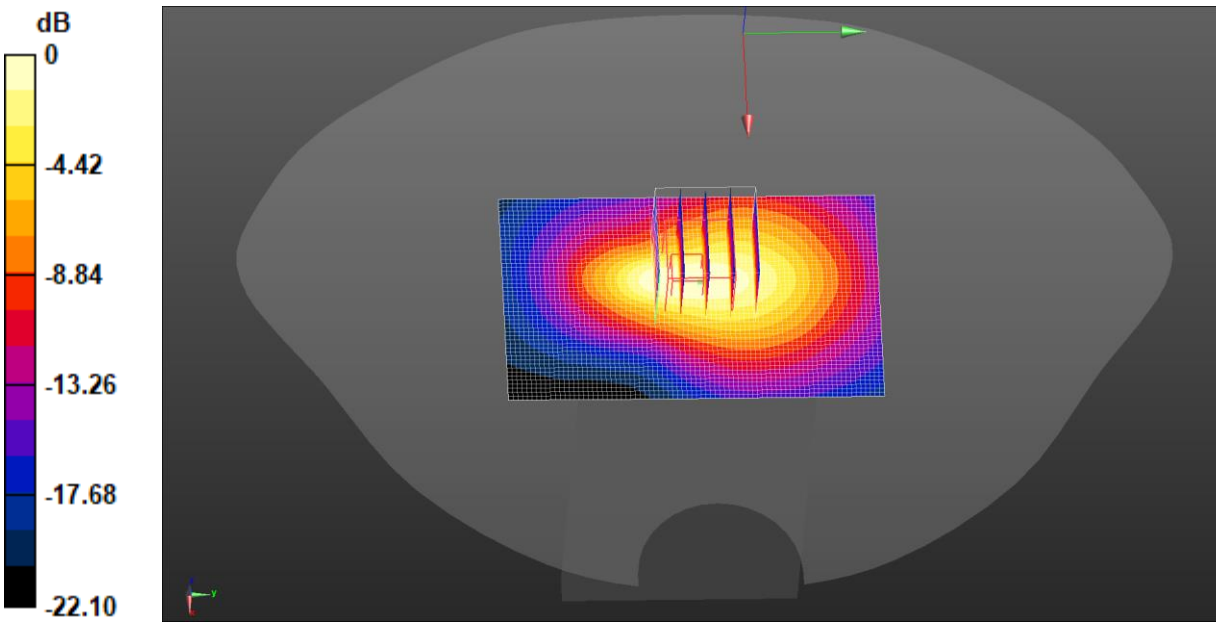
- Probe: EX3DV4 - SN7601; ConvF(8.44, 8.44, 8.44) @ 1860 MHz; Calibrated: 01.29.2024
- Sensor-Surface: 1.4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1373; Calibrated: 11.27.2023
- Phantom: SAM-Twin; Type: QD 000 P40 CD; Serial: 1885
- Measurement SW: DASY52, Version 52.10 (4); SEMCAD X Version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

LTE Band 2 1RB(20MHz) Body Bottom/Low Channel/Area Scan (51x81x1):

Interpolated grid: dx=1.500 mm, dy=1.500 mm
Maximum value of SAR (interpolated) = 0.682 W/kg

LTE Band 2 1RB(20MHz) Body Bottom/Low Channel/Zoom Scan (5x5x7)/Cube 0:

Measurement grid: dx=8mm, dy=8mm, dz=5mm
Reference Value = 20.05 V/m; Power Drift = -0.15 dB
Peak SAR (extrapolated) = 0.815 W/kg
SAR(1 g) = 0.439 W/kg; SAR(10 g) = 0.234 W/kg
Smallest distance from peaks to all points 3 dB below = 9.6 mm
Ratio of SAR at M2 to SAR at M1 = 54.6%
Maximum value of SAR (measured) = 0.681 W/kg



0 dB = 0.682 W/kg = -1.66 dBW/kg

Test Laboratory: JYTSZ Date: 04.22.2024

DUT: Mobile Phone; Type: X6860; Serial: SZR012400192-3

Communication System: UID 0, LTE-FDD(USA) 1RB QPSK (0); Frequency: 1745 MHz;Duty Cycle: 1:1
Medium parameters used (interpolated): f = 1745 MHz; σ = 1.356 S/m; ε_r = 38.391; ρ = 1000 kg/m^3
Phantom section: Flat Section

DASY5 Configuration:

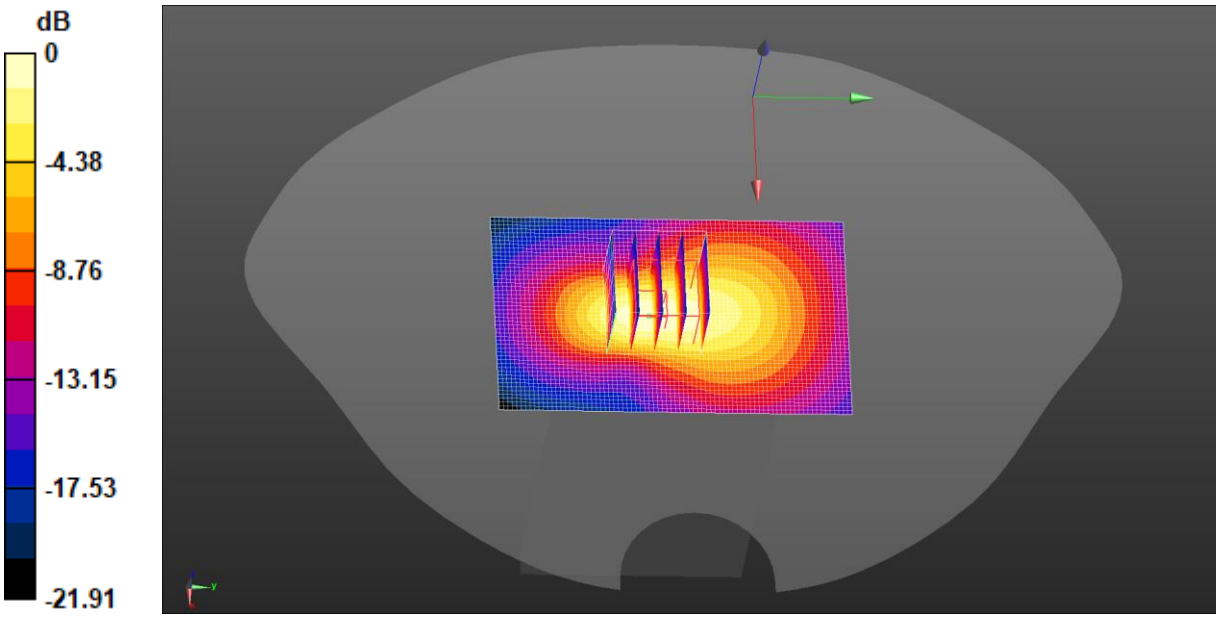
- Probe: EX3DV4 - SN7601; ConvF(8.73, 8.73, 8.73) @ 1745 MHz; Calibrated: 01.29.2024
- Sensor-Surface: 1.4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1373; Calibrated: 11.27.2023
- Phantom: SAM-Twin; Type: QD 000 P40 CD; Serial: 1885
- Measurement SW: DASY52, Version 52.10 (4); SEMCAD X Version 14.6.14 (7501)

LTE Band 4 1RB(20MHz) Body Bottom/High Channel/Area Scan (51x81x1):

Interpolated grid: dx=1.500 mm, dy=1.500 mm
Maximum value of SAR (interpolated) = 0.652 W/kg

LTE Band 4 1RB(20MHz) Body Bottom/ High Channel/Zoom Scan (5x5x7)/Cube 0:

Measurement grid: dx=8mm, dy=8mm, dz=5mm
Reference Value = 20.81 V/m; Power Drift = -0.00 dB
Peak SAR (extrapolated) = 0.827 W/kg
SAR(1 g) = 0.434 W/kg; SAR(10 g) = 0.224 W/kg
Smallest distance from peaks to all points 3 dB below = 8 mm
Ratio of SAR at M2 to SAR at M1 = 53.8%
Maximum value of SAR (measured) = 0.683 W/kg



0 dB = 0.652 W/kg = -1.86 dBW/kg

Test Laboratory: JYTSZ Date: 04.20.2024

DUT: Mobile Phone; Type: X6860; Serial: SZR012400192-3

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; σ = 0.909 S/m; ε_r = 41.032; ρ = 1000 kg/m^3
Phantom section: Flat Section

DASY5 Configuration:

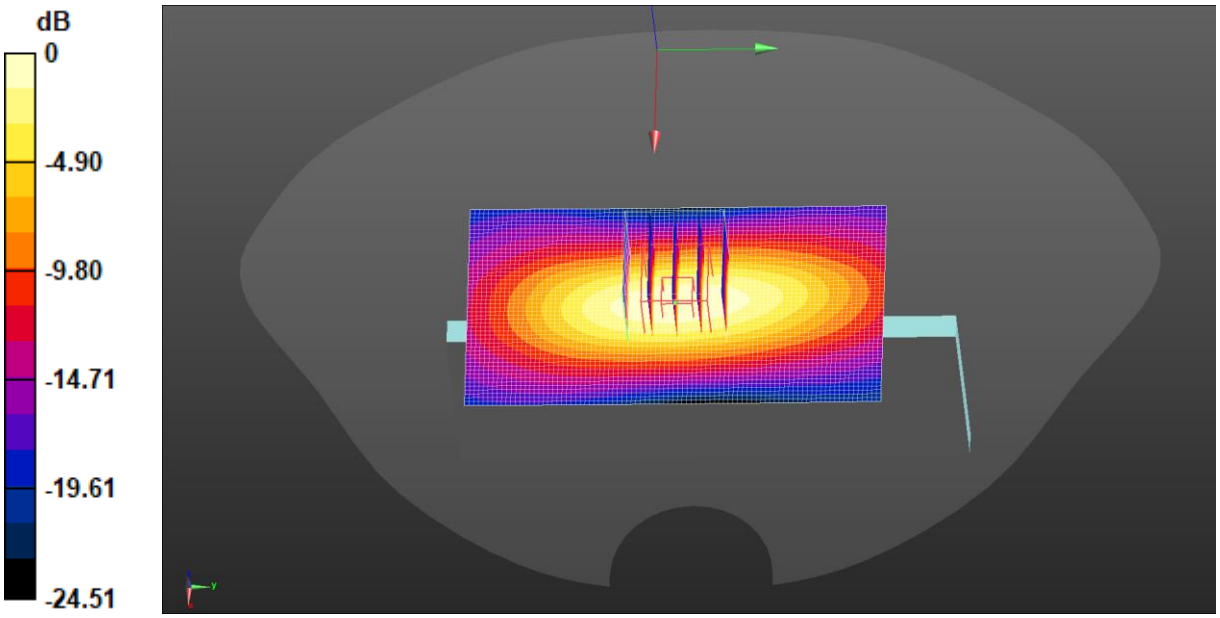
- Probe: EX3DV4 - SN7601; ConvF(10.3, 10.3, 10.3) @ 836.5 MHz; Calibrated: 01.29.2024
- Sensor-Surface: 1.4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1373; Calibrated: 11.27.2023
- Phantom: SAM-Twin; Type: QD 000 P40 CD; Serial: 1885
- Measurement SW: DASY52, Version 52.10 (4); SEMCAD X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

LTE Band 5 1RB(10MHz) Body Left/Middle Channel/Area Scan (51x91x1):

Interpolated grid: dx=1.500 mm, dy=1.500 mm
Maximum value of SAR (interpolated) = 1.33 W/kg

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

Measurement grid: dx=8mm, dy=8mm, dz=5mm
Reference Value = 37.95 V/m; Power Drift = 0.12 dB
Peak SAR (extrapolated) = 1.59 W/kg
SAR(1 g) = 0.877 W/kg; SAR(10 g) = 0.500 W/kg
Smallest distance from peaks to all points 3 dB below = 11.2 mm
Ratio of SAR at M2 to SAR at M1 = 56.2%
Maximum value of SAR (measured) = 1.30 W/kg



0 dB = 1.33 W/kg = 1.23 dBW/kg

Test Laboratory: JYTSZ Date: 04.28.2024

DUT: Mobile Phone; Type: X6860; Serial: SZR012400192-3

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; σ = 1.951 S/m; ε_r = 37.441; ρ = 1000 kg/m^3
Phantom section: Flat Section

DASY5 Configuration:

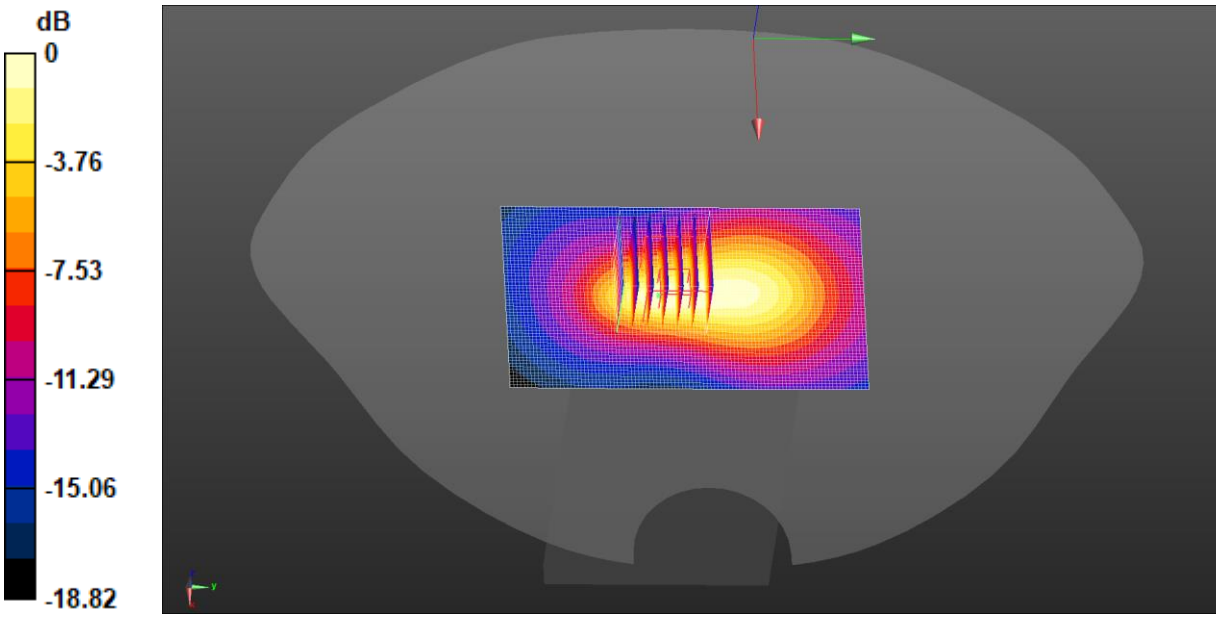
- Probe: EX3DV4 - SN7601; ConvF(7.6, 7.6, 7.6) @ 2645 MHz; Calibrated: 01.29.2024
- Sensor-Surface: 1.4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1373; Calibrated: 11.27.2023
- Phantom: SAM-Twin; Type: QD 000 P40 CD; Serial: 1885
- Measurement SW: DASY52, Version 52.10 (4); SEMCAD X Version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

LTE Band 41 1RB(20MHz) Body Bottom/High Channel/Area Scan (61x101x1):

Interpolated grid: dx=1.200 mm, dy=1.200 mm
Maximum value of SAR (interpolated) = 0.976 W/kg

LTE Band 41 1RB(20MHz) Body Bottom/ High Channel/Zoom Scan (7x7x7)/Cube 0:

Measurement grid: dx=5mm, dy=5mm, dz=5mm
Reference Value = 22.52 V/m; Power Drift = -0.12 dB
Peak SAR (extrapolated) = 1.21 W/kg
SAR(1 g) = 0.570 W/kg; SAR(10 g) = 0.269 W/kg
Smallest distance from peaks to all points 3 dB below = 8.5 mm
Ratio of SAR at M2 to SAR at M1 = 47.9%
Maximum value of SAR (measured) = 0.959 W/kg



0 dB = 0.976 W/kg = -0.11 dBW/kg

Test Laboratory: JYTSZ Date: 04.26.2024

DUT: Mobile Phone; Type: X6860; Serial: SZR012400192-3

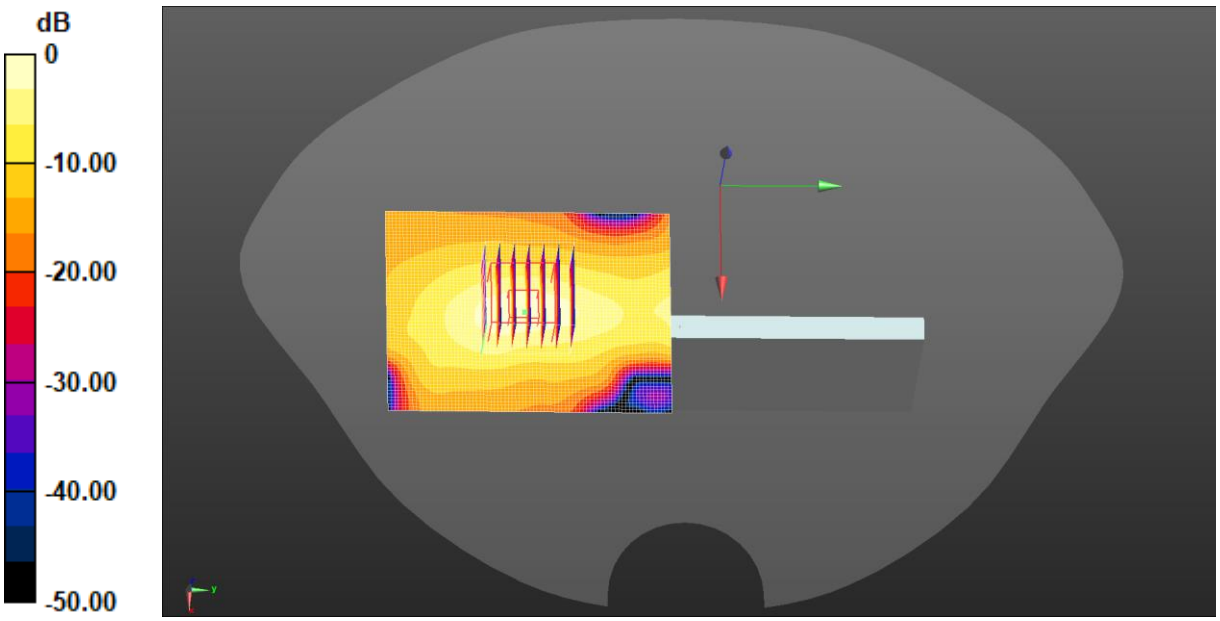
Communication System: UID 0, IEEE 802.11b WiFi 2.4 GHz (DSSS, 1 Mbps) (0);
Frequency: 2462 MHz;Duty Cycle: 1:1
Medium parameters used (interpolated): f = 2462 MHz; σ = 1.806 S/m; ε_r = 37.61; ρ = 1000 kg/m^3
Phantom section: Flat Section

DASY5 Configuration:

- Probe: EX3DV4 - SN7601; ConvF(7.89, 7.89, 7.89) @ 2462 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 Right/High Channel/Area Scan (61x81x1): Interpolated grid: dx=1.200 mm, dy=1.200 mm
Maximum value of SAR (interpolated) = 0.128 W/kg

2.4G WiFi Body Right/High Channel/Zoom Scan (7x7x7)/Cube 0: Measurement grid: dx=5mm, dy=5mm, dz=5mm
Reference Value = 4.340 V/m; Power Drift = 0.07 dB
Peak SAR (extrapolated) = 0.164 W/kg
SAR(1 g) = 0.074 W/kg; SAR(10 g) = 0.032 W/kg
Smallest distance from peaks to all points 3 dB below = 8 mm
Ratio of SAR at M2 to SAR at M1 = 46.4%
Maximum value of SAR (measured) = 0.131 W/kg



0 dB = 0.128 W/kg = -8.91 dBW/kg

Test Laboratory: JYTSZ Date: 04.30.2024

DUT: Mobile Phone; Type: X6860; Serial: SZR012400192-3

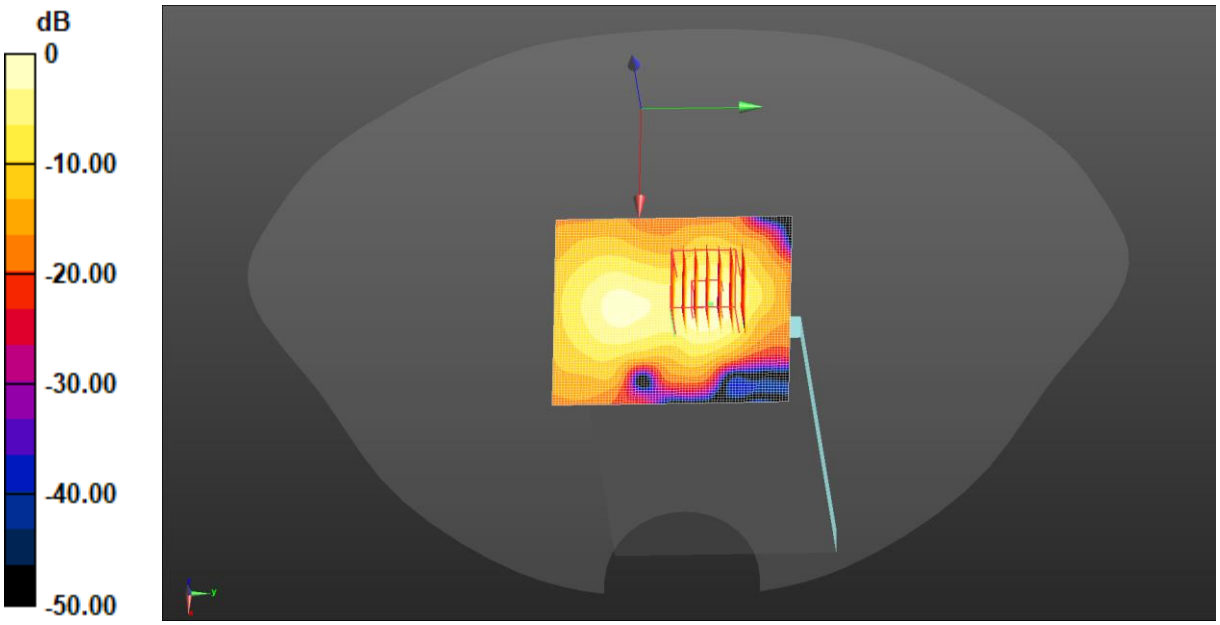
Communication System: UID 0, IEEE 802.11a WiFi 5GHz (0); Frequency: 5240 MHz;Duty Cycle: 1:1
Medium parameters used: f = 5240 MHz; σ = 4.69 S/m; ε_r = 34.789; ρ = 1000 kg/m^3
Phantom section: Flat Section

DASY5 Configuration:

- Probe: EX3DV4 - SN7601; ConvF(5.51, 5.51, 5.51) @ 5240 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 Top/High Channel/Area Scan (71x81x1): Interpolated grid: dx=1.000 mm, dy=1.000 mm
Maximum value of SAR (interpolated) = 0.368 W/kg

5.2G WiFi Body Top/High Channel/Zoom Scan (7x7x12)/Cube 0: Measurement grid: dx=4mm, dy=4mm, dz=2mm
Reference Value = 8.340 V/m; Power Drift = -0.03 dB
Peak SAR (extrapolated) = 0.559 W/kg
SAR(1 g) = 0.146 W/kg; SAR(10 g) = 0.046 W/kg
Smallest distance from peaks to all points 3 dB below = 8.5 mm
Ratio of SAR at M2 to SAR at M1 = 53.9%
Maximum value of SAR (measured) = 0.346 W/kg



0 dB = 0.346 W/kg = -4.61 dBW/kg

Test Laboratory: JYTSZ Date: 05.04.2024

DUT: Mobile Phone; Type: X6860; Serial: SZR012400192-3

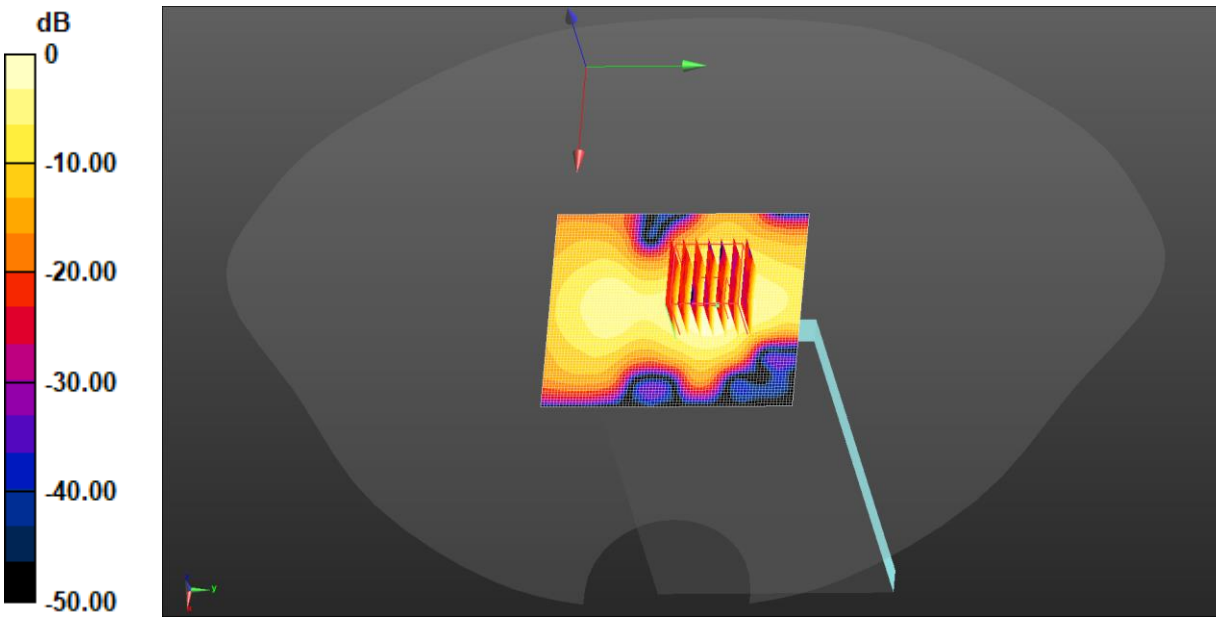
Communication System: UID 0, IEEE 802.11a WiFi 5GHz (0); Frequency: 5825 MHz;Duty Cycle: 1:1
Medium parameters used (interpolated): f = 5825 MHz; σ = 5.289 S/m; ε_r = 34.12; ρ = 1000 kg/m^3
Phantom section: Flat Section

DASY5 Configuration:

- Probe: EX3DV4 - SN7601; ConvF(5.01, 5.01, 5.01) @ 5825 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 Top/High Channel/Area Scan (71x81x1): Interpolated grid: dx=1.000 mm, dy=1.000 mm
Maximum value of SAR (interpolated) = 0.450 W/kg

5.8G WiFi Body Top/High Channel/Zoom Scan (7x7x12)/Cube 0: Measurement grid: dx=4mm, dy=4mm, dz=2mm
Reference Value = 8.530 V/m; Power Drift = 0.04 dB
Peak SAR (extrapolated) = 0.780 W/kg
SAR(1 g) = 0.177 W/kg; SAR(10 g) = 0.058 W/kg
Smallest distance from peaks to all points 3 dB below = 9.4 mm
Ratio of SAR at M2 to SAR at M1 = 48.3%
Maximum value of SAR (measured) = 0.434 W/kg



0 dB = 0.434 W/kg = -3.63 dBW/kg

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