

13.8 WLAN 5.6GHz Band Conducted Power

Average Power (dBm)					
Channel	Frequency (MHz)	802.11 a	802.11 ac20	802.11 ax20	802.11 n20
CH 100	5500	16.10	15.55	14.29	15.13
CH 120	5600	15.28	14.95	13.68	14.38
CH 140	5700	15.85	15.43	14.29	15.01

Average Power (dBm)				
Channel	Frequency (MHz)	802.11 ac40	802.11 ax40	802.11 n40
CH 102	5510	15.61	14.35	15.62
CH 118	5590	15.05	13.85	15.05
CH 134	5670	14.88	13.78	14.80

Average Power (dBm)			
Channel	Frequency (MHz)	802.11 ac80	802.11 ax80
CH 106	5530	14.91	14.16
CH 122	5610	14.44	13.72

Note:

1. SAR test of WLAN 5.6GHz 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 5.8GHz Band Conducted Power

Average Power (dBm)					
Channel	Frequency (MHz)	802.11 a	802.11 ac20	802.11 ax20	802.11 n20
CH 149	5745	16.01	15.04	14.64	14.96
CH 157	5785	17.11	16.19	15.82	16.04
CH 165	5825	16.51	15.61	15.35	15.57

Average Power (dBm)				
Channel	Frequency (MHz)	802.11 ac40	802.11 ax20	802.11 n40
CH 151	5755	14.39	14.56	14.53
CH 159	5795	15.15	15.47	15.17

Average Power (dBm)			
Channel	Frequency (MHz)	802.11 ac80	802.11 ax80
CH 155	5775	14.60	14.81

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.

13.10 Bluetooth Conducted Power

Average Power (dBm)				
Channel	Frequency (MHz)	GFSK	$\pi/4$ -DQPSK	8DPSK
CH 00	2402	6.93	6.14	5.83
CH 39	2441	6.73	5.80	5.51
CH 78	2480	6.70	5.86	5.49

Average Power (dBm)				
Channel	Frequency (MHz)	BLE PHY 1M	BLE Coded PHY S=2	BLE Coded PHY S=8
CH 00	2402	5.75	5.73	5.77
CH 20	2442	5.35	5.34	5.39
CH 39	2480	5.43	5.48	5.52

Average Power (dBm)		
Channel	Frequency (MHz)	BLE PHY 2M
CH 00	2404	5.82
CH 20	2442	4.93
CH 39	2478	5.13

Note:

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

Average Power (dBm)	
Frequency (MHz)	ASK
13.56	-45.62

Note:

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

dBm	mW
-45.62	0.000027

- 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

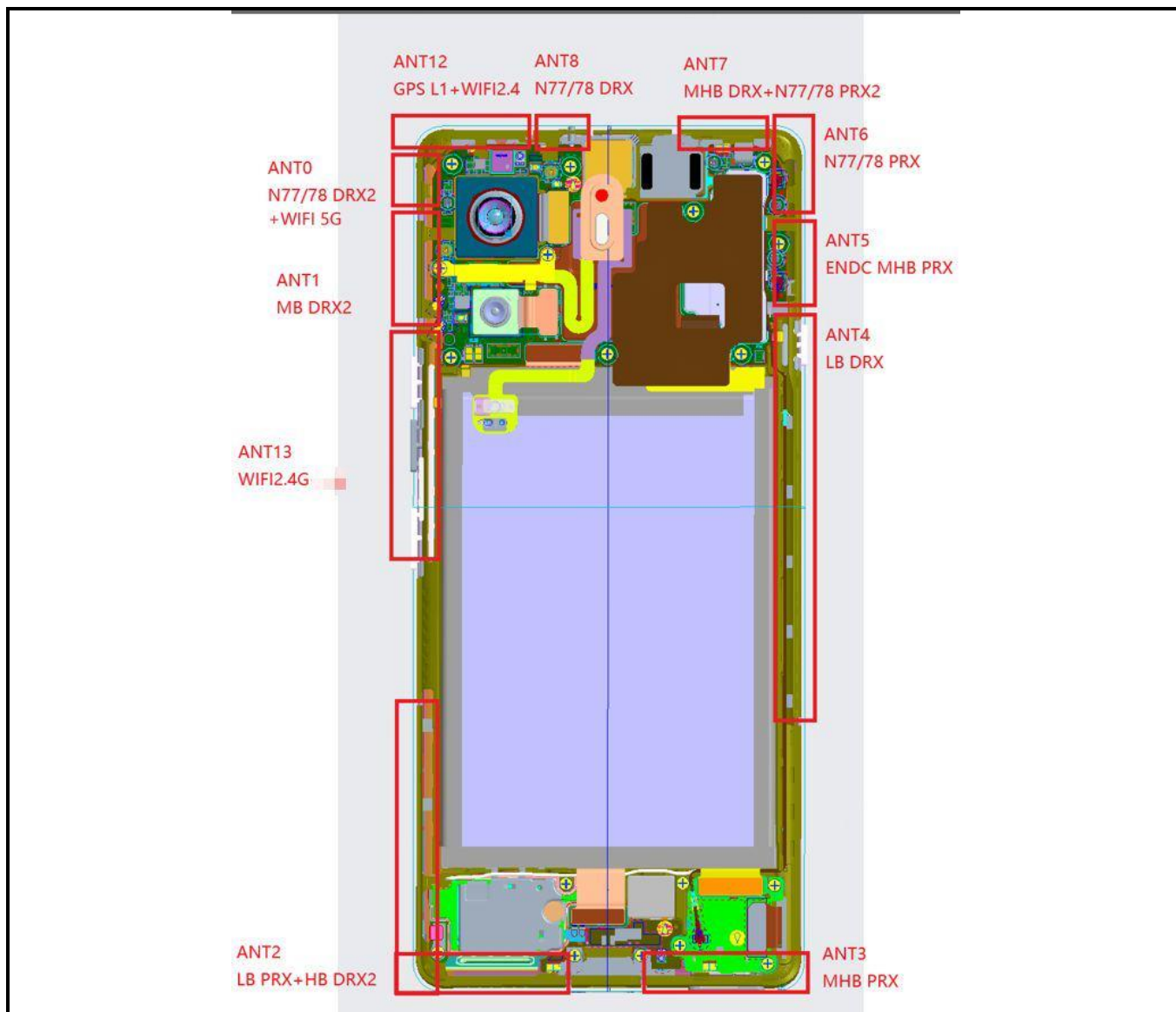


Fig.14.1 EUT Antenna Locations

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

14.2 Test Positions Consideration

Distance of Antennas to EUT edge/surface Test distance: 10mm						
Antennas	Front	Back	Left Side	Right Side	Top Side	Bottom Side
ANT 0	<25mm	<25mm	465mm	<25mm	110mm	135mm
ANT 2	<25mm	<25mm	40mm	<25mm	110mm	<25mm
ANT 3	<25mm	<25mm	<25mm	40mm	145mm	<25mm
ANT 4	<25mm	<25mm	<25mm	70mm	35mm	40mm
ANT 5	<25mm	<25mm	<25mm	70mm	<25mm	125mm
ANT 6	<25mm	<25mm	<25mm	65mm	70mm	135mm
ANT 7	<25mm	<25mm	<25mm	50mm	<25mm	150mm
ANT 8	<25mm	<25mm	35mm	<25mm	<25mm	150mm
ANT 12	<25mm	<25mm	40mm	<25mm	<25mm	150mm
ANT 13	<25mm	<25mm	65mm	<25mm	35mm	75mm

Test Positions Test distance: 10mm						
Antennas	Front	Back	Left Side	Right Side	Top Side	Bottom Side
ANT 0	YES	YES	NO	YES	YES	NO
ANT 2	YES	YES	NO	YES	NO	YES
ANT 3	YES	YES	YES	NO	NO	YES
ANT 4	YES	YES	YES	NO	NO	NO
ANT 5	YES	YES	YES	NO	YES	NO
ANT 6	YES	YES	YES	NO	YES	NO
ANT 7	YES	YES	YES	NO	YES	NO
ANT 8	YES	YES	NO	YES	YES	NO
ANT 12	YES	YES	NO	YES	YES	NO
ANT 13	YES	YES	NO	YES	NO	NO

Note:

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

15 SAR Test Results Summary

15.1 Standalone Head SAR Data

➤ GSM Head SAR

Plot No.	Band/Mode	ANT	Test Position	CH.	Freq. (MHz)	Ave. Power (dBm)	Power Drift (dB)	Tune-Up Limit (dBm)	Meas. SAR _{1g} (W/kg)	Scaling Factor	Reported SAR _{1g} (W/kg)
	GSM850/Voice	2	Right Cheek	251	848.8	33.31	0.08	33.5	0.153	1.045	0.160
	GSM850/Voice	2	Right Tilted	251	848.8	33.31	0.02	33.5	0.058	1.045	0.061
	GSM850/Voice	2	Left Cheek	251	848.8	33.31	0.18	33.5	0.147	1.045	0.154
	GSM850/Voice	2	Left Tilted	251	848.8	33.31	0.14	33.5	0.051	1.045	0.053
	GSM850/Voice	4	Right Cheek	251	848.8	33.31	0.18	33.5	0.244	1.045	0.255
	GSM850/Voice	4	Right Tilted	251	848.8	33.31	-0.05	33.5	0.059	1.045	0.062
1	GSM850/Voice	4	Left Cheek	251	848.8	33.31	0.10	33.5	0.245	1.045	0.256
	GSM850/Voice	4	Left Tilted	251	848.8	33.31	-0.14	33.5	0.176	1.045	0.184
	PCS1900/Voice	3	Right Cheek	810	1909.8	30.32	0.03	30.5	0.057	1.042	0.059
	PCS1900/Voice	3	Right Tilted	810	1909.8	30.32	0.02	30.5	0.021	1.042	0.022
	PCS1900/Voice	3	Left Cheek	810	1909.8	30.32	-0.10	30.5	0.050	1.042	0.052
	PCS1900/Voice	3	Left Tilted	810	1909.8	30.32	-0.13	30.5	0.017	1.042	0.018
	PCS1900/Voice	7	Right Cheek	810	1909.8	30.32	0.01	30.5	0.301	1.042	0.314
2	PCS1900/Voice	7	Right Tilted	810	1909.8	30.32	0.13	30.5	0.335	1.042	0.349
	PCS1900/Voice	7	Left Cheek	810	1909.8	30.32	-0.08	30.5	0.213	1.042	0.222
	PCS1900/Voice	7	Left Tilted	810	1909.8	30.32	0.03	30.5	0.249	1.042	0.259
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	3	Right Cheek	9538	1907.6	23.85	0.05	24.0	0.114	1.035	0.118
	Band II/RMC	3	Right Tilted	9538	1907.6	23.85	0.14	24.0	0.031	1.035	0.032
	Band II/RMC	3	Left Cheek	9538	1907.6	23.85	-0.02	24.0	0.103	1.035	0.107
	Band II/RMC	3	Left Tilted	9538	1907.6	23.85	0.18	24.0	0.025	1.035	0.026
	Band II/RMC	7	Right Cheek	9538	1907.6	23.85	-0.19	24.0	0.475	1.035	0.492
3	Band II/RMC	7	Right Tilted	9538	1907.6	23.85	0.05	24.0	0.514	1.035	0.532
	Band II/RMC	7	Left Cheek	9538	1907.6	23.85	0.10	24.0	0.359	1.035	0.372
	Band II/RMC	7	Left Tilted	9538	1907.6	23.85	0.11	24.0	0.459	1.035	0.475
	Band IV/RMC	3	Right Cheek	1312	1712.4	23.84	0.01	24.0	0.115	1.038	0.119
	Band IV/RMC	3	Right Tilted	1312	1712.4	23.84	0.01	24.0	0.032	1.038	0.033
	Band IV/RMC	3	Left Cheek	1312	1712.4	23.84	0.18	24.0	0.110	1.038	0.114
	Band IV/RMC	3	Left Tilted	1312	1712.4	23.84	-0.04	24.0	0.028	1.038	0.029
	Band IV/RMC	7	Right Cheek	1312	1712.4	23.84	-0.18	24.0	0.311	1.038	0.323
4	Band IV/RMC	7	Right Tilted	1312	1712.4	23.84	0.04	24.0	0.340	1.038	0.353
	Band IV/RMC	7	Left Cheek	1312	1712.4	23.84	-0.02	24.0	0.249	1.038	0.258
	Band IV/RMC	7	Left Tilted	1312	1712.4	23.84	0.18	24.0	0.278	1.038	0.289
	Band V/RMC	2	Right Cheek	4183	836.6	24.17	0.17	24.5	0.117	1.079	0.126
	Band V/RMC	2	Right Tilted	4183	836.6	24.17	0.06	24.5	0.056	1.079	0.060
	Band V/RMC	2	Left Cheek	4183	836.6	24.17	0.14	24.5	0.110	1.079	0.119
	Band V/RMC	2	Left Tilted	4183	836.6	24.17	-0.20	24.5	0.048	1.079	0.052
	Band V/RMC	4	Right Cheek	4183	836.6	24.17	-0.03	24.5	0.541	1.079	0.584
	Band V/RMC	4	Right Tilted	4183	836.6	24.17	-0.05	24.5	0.294	1.079	0.317
5	Band V/RMC	4	Left Cheek	4183	836.6	24.17	-0.02	24.5	0.559	1.079	0.603
	Band V/RMC	4	Left Tilted	4183	836.6	24.17	0.03	24.5	0.298	1.079	0.322
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#99	3	Right Cheek	19100	1900	24.28	-0.02	24.5	0.141	1.052	0.148
	Band2/1RB#99	3	Right Tilted	19100	1900	24.28	-0.10	24.5	0.043	1.052	0.045
	Band2/1RB#99	3	Left Cheek	19100	1900	24.28	0.19	24.5	0.126	1.052	0.133
	Band2/1RB#99	3	Left Tilted	19100	1900	24.28	-0.10	24.5	0.037	1.052	0.039
	Band2/1RB#99	7	Right Cheek	19100	1900	24.28	0.05	24.5	0.368	1.052	0.387
6	Band2/1RB#99	7	Right Tilted	19100	1900	24.28	0.05	24.5	0.387	1.052	0.407
	Band2/1RB#99	7	Left Cheek	19100	1900	24.28	-0.14	24.5	0.182	1.052	0.191
	Band2/1RB#99	7	Left Tilted	19100	1900	24.28	-0.11	24.5	0.196	1.052	0.206
	Band2/1RB#99 ENDC	5	Right Cheek	19100	1900	21.09	-0.18	21.5	0.177	1.099	0.195
	Band2/1RB#99 ENDC	5	Right Tilted	19100	1900	21.09	0.05	21.5	0.102	1.099	0.112
	Band2/1RB#99 ENDC	5	Left Cheek	19100	1900	21.09	-0.13	21.5	0.056	1.099	0.062
	Band2/1RB#99 ENDC	5	Left Tilted	19100	1900	21.09	-0.07	21.5	0.036	1.099	0.040
	Band2/50%RB#0	3	Right Cheek	18900	1880	23.06	-0.09	23.5	0.122	1.107	0.135
	Band2/50%RB#0	3	Right Tilted	18900	1880	23.06	-0.20	23.5	0.023	1.107	0.025
	Band2/50%RB#0	3	Left Cheek	18900	1880	23.06	0.08	23.5	0.112	1.107	0.124
	Band2/50%RB#0	3	Left Tilted	18900	1880	23.06	0.16	23.5	0.031	1.107	0.034
	Band2/50%RB#0	7	Right Cheek	18900	1880	23.06	-0.18	23.5	0.310	1.107	0.343
	Band2/50%RB#0	7	Right Tilted	18900	1880	23.06	0.07	23.5	0.325	1.107	0.360
	Band2/50%RB#0	7	Left Cheek	18900	1880	23.06	0.15	23.5	0.151	1.107	0.167
	Band2/50%RB#0	7	Left Tilted	18900	1880	23.06	-0.06	23.5	0.169	1.107	0.187
	Band2/50%RB#0 ENDC	5	Right Cheek	19100	1900	19.90	0.07	20.5	0.136	1.148	0.156
	Band2/50%RB#0 ENDC	5	Right Tilted	19100	1900	19.90	0.10	20.5	0.163	1.148	0.187
	Band2/50%RB#0 ENDC	5	Left Cheek	19100	1900	19.90	0.06	20.5	0.051	1.148	0.059
	Band2/50%RB#0 ENDC	5	Left Tilted	19100	1900	19.90	0.06	20.5	0.032	1.148	0.037
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	3	Right Cheek	20300	1745	24.20	0.09	24.5	0.125	1.072	0.134
	Band4/1RB#49	3	Right Tilted	20300	1745	24.20	-0.17	24.5	0.036	1.072	0.039
	Band4/1RB#49	3	Left Cheek	20300	1745	24.20	0.07	24.5	0.112	1.072	0.120
	Band4/1RB#49	3	Left Tilted	20300	1745	24.20	-0.11	24.5	0.032	1.072	0.034
	Band4/1RB#99	7	Right Cheek	20300	1745	24.20	0.03	24.5	0.409	1.072	0.438
	Band4/1RB#99	7	Right Tilted	20300	1745	24.20	-0.08	24.5	0.458	1.072	0.491
	Band4/1RB#99	7	Left Cheek	20300	1745	24.20	-0.08	24.5	0.254	1.072	0.272
	Band4/1RB#99	7	Left Tilted	20300	1745	24.20	-0.07	24.5	0.345	1.072	0.370
7	Band4/1RB#99 ENDC	5	Right Cheek	20300	1745	20.81	0.20	21.0	0.468	1.045	0.489
	Band4/1RB#99 ENDC	5	Right Tilted	20300	1745	20.81	-0.03	21.0	0.239	1.045	0.250
	Band4/1RB#99 ENDC	5	Left Cheek	20300	1745	20.81	0.11	21.0	0.152	1.045	0.159
	Band4/1RB#99 ENDC	5	Left Tilted	20300	1745	20.81	0.04	21.0	0.076	1.045	0.079
	Band4/50%RB#0	3	Right Cheek	20300	1745	23.04	0.07	23.5	0.116	1.112	0.129
	Band4/50%RB#0	3	Right Tilted	20300	1745	23.04	-0.05	23.5	0.032	1.112	0.036
	Band4/50%RB#0	3	Left Cheek	20300	1745	23.04	0.06	23.5	0.106	1.112	0.118
	Band4/50%RB#0	3	Left Tilted	20300	1745	23.04	-0.07	23.5	0.023	1.112	0.026
	Band4/50%RB#0	7	Right Cheek	20300	1745	23.04	0.10	23.5	0.375	1.112	0.417
	Band4/50%RB#0	7	Right Tilted	20300	1745	23.04	-0.08	23.5	0.396	1.112	0.440
	Band4/50%RB#0	7	Left Cheek	20300	1745	23.04	-0.08	23.5	0.244	1.112	0.271
	Band4/50%RB#0	7	Left Tilted	20300	1745	23.04	-0.03	23.5	0.322	1.112	0.358
	Band4/50%RB#24 ENDC	5	Right Cheek	20300	1745	19.69	-0.15	20.0	0.412	1.074	0.442
	Band4/50%RB#24 ENDC	5	Right Tilted	20300	1745	19.69	0.08	20.0	0.213	1.074	0.229
	Band4/50%RB#24 ENDC	5	Left Cheek	20300	1745	19.69	0.11	20.0	0.136	1.074	0.146
	Band4/50%RB#24 ENDC	5	Left Tilted	20300	1745	19.69	-0.11	20.0	0.059	1.074	0.063
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#49	2	Right Cheek	20600	844	24.67	-0.04	25.0	0.145	1.079	0.156
	Band5/1RB#49	2	Right Tilted	20600	844	24.67	-0.08	25.0	0.057	1.079	0.062
	Band5/1RB#49	2	Left Cheek	20600	844	24.67	-0.18	25.0	0.136	1.079	0.147
	Band5/1RB#49	2	Left Tilted	20600	844	24.67	0.05	25.0	0.048	1.079	0.052
	Band5/1RB#49	4	Right Cheek	20600	844	24.67	-0.13	25.0	0.494	1.079	0.533
	Band5/1RB#49	4	Right Tilted	20600	844	24.67	0.02	25.0	0.269	1.079	0.290
8	Band5/1RB#49	4	Left Cheek	20600	844	24.67	-0.04	25.0	0.640	1.079	0.691
	Band5/1RB#49	4	Left Tilted	20600	844	24.67	0.04	25.0	0.354	1.079	0.382
	Band5/50%RB#0	2	Right Cheek	20600	844	23.59	-0.20	24.0	0.128	1.099	0.141
	Band5/50%RB#0	2	Right Tilted	20600	844	23.59	0.04	24.0	0.051	1.099	0.056
	Band5/50%RB#0	2	Left Cheek	20600	844	23.59	-0.01	24.0	0.121	1.099	0.133
	Band5/50%RB#0	2	Left Tilted	20600	844	23.59	-0.09	24.0	0.041	1.099	0.045
	Band5/50%RB#0	4	Right Cheek	20600	844	23.59	-0.05	24.0	0.473	1.099	0.520
	Band5/50%RB#0	4	Right Tilted	20600	844	23.59	-0.04	24.0	0.244	1.099	0.268
	Band5/50%RB#0	4	Left Cheek	20600	844	23.59	-0.19	24.0	0.612	1.099	0.673
	Band5/50%RB#0	4	Left Tilted	20600	844	23.59	0.06	24.0	0.321	1.099	0.353
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#99	3	Right Cheek	21350	2560	23.45	0.02	24.0	0.114	1.135	0.129
	Band7C/1RB#99	3	Right Cheek	21350+21152	2560+2540.2	23.27	-0.02	23.5	0.120	1.054	0.126
	Band7/1RB#99	3	Right Tilted	21350	2560	23.45	0.14	24.0	0.032	1.135	0.036
	Band7/1RB#99	3	Left Cheek	21350	2560	23.45	-0.09	24.0	0.093	1.135	0.106
	Band7/1RB#99	3	Left Tilted	21350	2560	23.45	0.03	24.0	0.022	1.135	0.025
	Band7/1RB#99	7	Right Cheek	21350	2560	23.45	0.13	24.0	0.536	1.135	0.608
9	Band7/1RB#99	7	Right Tilted	21350	2560	23.45	-0.05	24.0	0.596	1.135	0.676
	Band7/1RB#99	7	Left Cheek	21350	2560	23.45	-0.05	24.0	0.236	1.135	0.268
	Band7/1RB#99	7	Left Tilted	21350	2560	23.45	-0.11	24.0	0.321	1.135	0.364
	Band7/1RB#49 ENDC	5	Right Cheek	21100	2535	20.77	-0.06	21.0	0.238	1.054	0.251
	Band7/1RB#49 ENDC	5	Right Tilted	21100	2535	20.77	-0.08	21.0	0.185	1.054	0.195
	Band7/1RB#49 ENDC	5	Left Cheek	21100	2535	20.77	0.06	21.0	0.062	1.054	0.066
	Band7/1RB#49 ENDC	5	Left Tilted	21100	2535	20.77	-0.18	21.0	0.035	1.054	0.037
	Band7/50%RB#24	3	Right Cheek	20850	2510	22.39	-0.12	22.5	0.101	1.026	0.104
	Band7/50%RB#24	3	Right Tilted	20850	2510	22.39	-0.05	22.5	0.022	1.026	0.023
	Band7/50%RB#24	3	Left Cheek	20850	2510	22.39	-0.06	22.5	0.086	1.026	0.088
	Band7/50%RB#24	3	Left Tilted	20850	2510	22.39	0.11	22.5	0.018	1.026	0.018
	Band7/50%RB#24	7	Right Cheek	20850	2510	22.39	0.09	22.5	0.488	1.026	0.501
	Band7/50%RB#24	7	Right Tilted	20850	2510	22.39	0.15	22.5	0.572	1.026	0.587
	Band7/50%RB#24	7	Left Cheek	20850	2510	22.39	0.14	22.5	0.216	1.026	0.222
	Band7/50%RB#24	7	Left Tilted	20850	2510	22.39	0.03	22.5	0.311	1.026	0.319
	Band7/50%RB#49 ENDC	5	Right Cheek	21350	2560	19.75	0.17	20.0	0.215	1.059	0.228
	Band7/50%RB#49 ENDC	5	Right Tilted	21350	2560	19.75	0.08	20.0	0.174	1.059	0.184
	Band7/50%RB#49 ENDC	5	Left Cheek	21350	2560	19.75	-0.07	20.0	0.052	1.059	0.055
	Band7/50%RB#49 ENDC	5	Left Tilted	21350	2560	19.75	0.06	20.0	0.030	1.059	0.032
ANSI / IEEE C95.1 – SAFETY LIMIT						1.6 W/kg (mW/g)					
Spatial Peak						Averaged over 1g					
Uncontrolled Exposure/General Population											

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

Plot No.	Band/Mode	ANT	Test Position	CH.	Freq. (MHz)	Ave. Power (dBm)	Power Drift (dB)	Tune-Up Limit (dBm)	Meas. SAR _{1g} (W/kg)	Scaling Factor	Reported SAR _{1g} (W/kg)
	Band12/1RB#49	2	Right Cheek	23060	704	24.45	-0.02	24.5	0.078	1.012	0.079
	Band12/1RB#49	2	Right Tilted	23060	704	24.45	0.00	24.5	0.021	1.012	0.021
	Band12/1RB#49	2	Left Cheek	23060	704	24.45	0.14	24.5	0.064	1.012	0.065
	Band12/1RB#49	2	Left Tilted	23060	704	24.45	-0.10	24.5	0.018	1.012	0.018
	Band12/1RB#49	4	Right Cheek	23060	704	24.45	-0.12	24.5	0.342	1.012	0.346
	Band12/1RB#49	4	Right Tilted	23060	704	24.45	0.07	24.5	0.141	1.012	0.143
10	Band12/1RB#49	4	Left Cheek	23060	704	24.45	-0.04	24.5	0.398	1.012	0.403
	Band12/1RB#49	4	Left Tilted	23060	704	24.45	-0.19	24.5	0.153	1.012	0.155
	Band12/50%RB#0	2	Right Cheek	23130	711	23.43	-0.09	23.5	0.064	1.016	0.065
	Band12/50%RB#0	2	Right Tilted	23130	711	23.43	0.12	23.5	0.018	1.016	0.018
	Band12/50%RB#0	2	Left Cheek	23130	711	23.43	-0.15	23.5	0.057	1.016	0.058
	Band12/50%RB#0	2	Left Tilted	23130	711	23.43	0.01	23.5	0.014	1.016	0.014
	Band12/50%RB#0	4	Right Cheek	23130	711	23.43	0.02	23.5	0.311	1.016	0.316
	Band12/50%RB#0	4	Right Tilted	23130	711	23.43	-0.04	23.5	0.125	1.016	0.127
	Band12/50%RB#0	4	Left Cheek	23130	711	23.43	0.01	23.5	0.374	1.016	0.380
	Band12/50%RB#0	4	Left Tilted	23130	711	23.43	0.12	23.5	0.129	1.016	0.131
ANSI / IEEE C95.1 – SAFETY LIMIT						1.6 W/kg (mW/g)					
Spatial Peak						Averaged over 1g					
Uncontrolled Exposure/General Population											

➤ FDD-LTE Band 17(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)
	Band17/1RB#49	2	Right Cheek	23800	711	24.48	0.20	24.5	0.081	1.005	0.081
	Band17/1RB#49	2	Right Tilted	23800	711	24.48	0.09	24.5	0.024	1.005	0.024
	Band17/1RB#49	2	Left Cheek	23800	711	24.48	0.19	24.5	0.070	1.005	0.070
	Band17/1RB#49	2	Left Tilted	23800	711	24.48	-0.02	24.5	0.021	1.005	0.021
	Band17/1RB#49	4	Right Cheek	23800	711	24.48	-0.15	24.5	0.398	1.005	0.400
	Band17/1RB#49	4	Right Tilted	23800	711	24.48	0.02	24.5	0.162	1.005	0.163
11	Band17/1RB#49	4	Left Cheek	23800	711	24.48	-0.04	24.5	0.488	1.005	0.490
	Band17/1RB#49	4	Left Tilted	23800	711	24.48	0.09	24.5	0.183	1.005	0.184
	Band17/50%RB#24	2	Right Cheek	23800	711	23.47	0.12	23.5	0.074	1.007	0.075
	Band17/50%RB#24	2	Right Tilted	23800	711	23.47	-0.01	23.5	0.020	1.007	0.020
	Band17/50%RB#24	2	Left Cheek	23800	711	23.47	-0.13	23.5	0.062	1.007	0.062
	Band17/50%RB#24	2	Left Tilted	23800	711	23.47	-0.19	23.5	0.016	1.007	0.016
	Band17/50%RB#24	4	Right Cheek	23800	711	23.47	0.03	23.5	0.374	1.007	0.377
	Band17/50%RB#24	4	Right Tilted	23800	711	23.47	0.02	23.5	0.155	1.007	0.156
	Band17/50%RB#24	4	Left Cheek	23800	711	23.47	-0.01	23.5	0.471	1.007	0.474
	Band17/50%RB#24	4	Left Tilted	23800	711	23.47	-0.14	23.5	0.166	1.007	0.167
ANSI / IEEE C95.1 – SAFETY LIMIT Spatial Peak Uncontrolled Exposure/General Population						1.6 W/kg (mW/g) Averaged over 1g					

➤ TDD-LTE Band38(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 ₁₀ (W/kg)	Scaling Factor	D.C Factor	Reported SAR ₁₀ (W/kg)
	Band38/1RB#49	3	Right Cheek	38000	2595	23.66	0.01	24.0	0.077	1.081	1.008	0.084
	Band38C/1RB#49	3	Right Cheek	37901+38099	2585.1+2604.9	23.57	0.01	24.0	0.069	1.104	1.008	0.077
	Band38/1RB#49	3	Right Tilted	38000	2595	23.66	0.11	24.0	0.018	1.081	1.008	0.020
	Band38/1RB#49	3	Left Cheek	38000	2595	23.66	0.06	24.0	0.064	1.081	1.008	0.070
	Band38/1RB#49	3	Left Tilted	38000	2595	23.66	-0.05	24.0	0.014	1.081	1.008	0.015
	Band38/1RB#49	7	Right Cheek	38000	2595	23.66	-0.12	24.0	0.311	1.081	1.008	0.339
	Band38/1RB#49	7	Right Tilted	38000	2595	23.66	0.13	24.0	0.379	1.081	1.008	0.413
	Band38/1RB#49	7	Left Cheek	38000	2595	23.66	-0.03	24.0	0.265	1.081	1.008	0.289
	Band38/1RB#49	7	Left Tilted	38000	2595	23.66	-0.03	24.0	0.287	1.081	1.008	0.313
12	Band38/1RB#99 ENDC	5	Right Cheek	38150	2610	21.21	-0.08	21.5	0.424	1.069	1.008	0.457
	Band38/1RB#99 ENDC	5	Right Tilted	38150	2610	21.21	-0.18	21.5	0.322	1.069	1.008	0.347
	Band38/1RB#99 ENDC	5	Left Cheek	38150	2610	21.21	0.16	21.5	0.079	1.069	1.008	0.085
	Band38/1RB#99 ENDC	5	Left Tilted	38150	2610	21.21	0.08	21.5	0.052	1.069	1.008	0.056
	Band38/50%RB#24	3	Right Cheek	38150	2610	22.59	0.09	23.0	0.062	1.099	1.008	0.069
	Band38/50%RB#24	3	Right Tilted	38150	2610	22.59	0.06	23.0	0.013	1.099	1.008	0.014
	Band38/50%RB#24	3	Left Cheek	38150	2610	22.59	-0.03	23.0	0.058	1.099	1.008	0.064
	Band38/50%RB#24	3	Left Tilted	38150	2610	22.59	0.19	23.0	0.011	1.099	1.008	0.012
	Band38/50%RB#24	7	Right Cheek	38150	2610	22.59	0.17	23.0	0.302	1.099	1.008	0.335
	Band38/50%RB#24	7	Right Tilted	38150	2610	22.59	0.16	23.0	0.339	1.099	1.008	0.376
	Band38/50%RB#24	7	Left Cheek	38150	2610	22.59	-0.07	23.0	0.241	1.099	1.008	0.267
	Band38/50%RB#24	7	Left Tilted	38150	2610	22.59	-0.16	23.0	0.255	1.099	1.008	0.282
	Band38/50%RB#49 ENDC	5	Right Cheek	38150	2610	20.05	0.11	20.5	0.403	1.109	1.008	0.451
	Band38/50%RB#49 ENDC	5	Right Tilted	38150	2610	20.05	0.01	20.5	0.310	1.109	1.008	0.347
	Band38/50%RB#49 ENDC	5	Left Cheek	38150	2610	20.05	-0.07	20.5	0.066	1.109	1.008	0.074
	Band38/50%RB#49 ENDC	5	Left Tilted	38150	2610	20.05	-0.13	20.5	0.047	1.109	1.008	0.053
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#99	3	Right Cheek	41140	2645	24.25	-0.08	24.5	0.084	1.059	1.008	0.090
	Band41C/1RB#99	3	Right Cheek	41140+40942	2645+2625.2	23.79	0.09	24.5	0.050	1.178	1.008	0.059
	Band41/1RB#99	3	Right Tilted	41140	2645	24.25	0.02	24.5	0.022	1.059	1.008	0.023
	Band41/1RB#99	3	Left Cheek	41140	2645	24.25	-0.03	24.5	0.074	1.059	1.008	0.079
	Band41/1RB#99	3	Left Tilted	41140	2645	24.25	0.04	24.5	0.018	1.059	1.008	0.019
	Band41/1RB#99	7	Right Cheek	41140	2645	24.25	-0.06	24.5	0.413	1.059	1.008	0.441
13	Band41/1RB#99	7	Right Tilted	41140	2645	24.25	0.03	24.5	0.449	1.059	1.008	0.479
	Band41/1RB#99	7	Left Cheek	41140	2645	24.25	0.18	24.5	0.332	1.059	1.008	0.354
	Band41/1RB#99	7	Left Tilted	41140	2645	24.25	-0.09	24.5	0.359	1.059	1.008	0.383
	Band41/1RB#99 ENDC	5	Right Cheek	41140	2645	21.70	-0.05	22.0	0.413	1.072	1.008	0.446
	Band41/1RB#99 ENDC	5	Right Tilted	41140	2645	21.70	0.03	22.0	0.302	1.072	1.008	0.326
	Band41/1RB#99 ENDC	5	Left Cheek	41140	2645	21.70	0.06	22.0	0.088	1.072	1.008	0.095
	Band41/1RB#99 ENDC	5	Left Tilted	41140	2645	21.70	-0.17	22.0	0.072	1.072	1.008	0.078
	Band41/50%RB#24	3	Right Cheek	41140	2645	23.10	-0.16	23.5	0.076	1.096	1.008	0.084
	Band41/50%RB#24	3	Right Tilted	41140	2645	23.10	-0.02	23.5	0.018	1.096	1.008	0.020
	Band41/50%RB#24	3	Left Cheek	41140	2645	23.10	0.14	23.5	0.062	1.096	1.008	0.068
	Band41/50%RB#24	3	Left Tilted	41140	2645	23.10	-0.02	23.5	0.013	1.096	1.008	0.014
	Band41/50%RB#24	7	Right Cheek	41140	2645	23.10	0.15	23.5	0.403	1.096	1.008	0.445
	Band41/50%RB#24	7	Right Tilted	41140	2645	23.10	-0.07	23.5	0.412	1.096	1.008	0.455
	Band41/50%RB#24	7	Left Cheek	41140	2645	23.10	0.05	23.5	0.321	1.096	1.008	0.355
	Band41/50%RB#24	7	Left Tilted	41140	2645	23.10	0.11	23.5	0.338	1.096	1.008	0.373
	Band41/50%RB#24 ENDC	5	Right Cheek	41140	2645	21.70	0.07	22.0	0.408	1.072	1.008	0.441
	Band41/50%RB#24 ENDC	5	Right Tilted	41140	2645	21.70	0.19	22.0	0.285	1.072	1.008	0.308
	Band41/50%RB#24 ENDC	5	Left Cheek	41140	2645	21.70	-0.04	22.0	0.074	1.072	1.008	0.080
	Band41/50%RB#24 ENDC	5	Left Tilted	41140	2645	21.70	0.06	22.0	0.069	1.072	1.008	0.075
ANSI / IEEE C95.1 – SAFETY LIMIT Spatial Peak Uncontrolled Exposure/General Population						1.6 W/kg (mW/g) Averaged over 1g						

➤ TDD-LTE Band42(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)
	Band42/1RB#49	0	Right Cheek	42190	3460	22.87	-0.15	23.5	0.138	1.156	1.008	0.161
	Band42/1RB#49	0	Right Tilted	42190	3460	22.87	0.06	23.5	0.086	1.156	1.008	0.100
	Band42/1RB#49	0	Left Cheek	42190	3460	22.87	-0.04	23.5	0.164	1.156	1.008	0.191
	Band42/1RB#49	0	Left Tilted	42190	3460	22.87	0.13	23.5	0.103	1.156	1.008	0.120
	Band42/1RB#49	6	Right Cheek	42190	3460	22.87	-0.07	23.5	0.078	1.156	1.008	0.091
	Band42/1RB#49	6	Right Tilted	42190	3460	22.87	-0.02	23.5	0.069	1.156	1.008	0.080
	Band42/1RB#49	6	Left Cheek	42190	3460	22.87	0.13	23.5	0.058	1.156	1.008	0.068
	Band42/1RB#49	6	Left Tilted	42190	3460	22.87	0.11	23.5	0.051	1.156	1.008	0.059
	Band42/1RB#49	7	Right Cheek	42190	3460	22.87	0.13	23.5	0.399	1.156	1.008	0.465
14	Band42/1RB#49	7	Right Tilted	42190	3460	22.87	0.05	23.5	0.479	1.156	1.008	0.558
	Band42/1RB#49	7	Left Cheek	42190	3460	22.87	-0.01	23.5	0.287	1.156	1.008	0.334
	Band42/1RB#49	7	Left Tilted	42190	3460	22.87	-0.05	23.5	0.325	1.156	1.008	0.379
	Band42/1RB#49	8	Right Cheek	42190	3460	22.87	0.17	23.5	0.082	1.156	1.008	0.096
	Band42/1RB#49	8	Right Tilted	42190	3460	22.87	0.19	23.5	0.091	1.156	1.008	0.106
	Band42/1RB#49	8	Left Cheek	42190	3460	22.87	-0.16	23.5	0.094	1.156	1.008	0.110
	Band42/1RB#49	8	Left Tilted	42190	3460	22.87	0.04	23.5	0.103	1.156	1.008	0.120
	Band42/50%RB#24	0	Right Cheek	42190	3460	21.84	0.15	22.0	0.123	1.038	1.008	0.129
	Band42/50%RB#24	0	Right Tilted	42190	3460	21.84	0.02	22.0	0.074	1.038	1.008	0.077
	Band42/50%RB#24	0	Left Cheek	42190	3460	21.84	-0.20	22.0	0.153	1.038	1.008	0.160
	Band42/50%RB#24	0	Left Tilted	42190	3460	21.84	-0.18	22.0	0.097	1.038	1.008	0.101
	Band42/50%RB#24	6	Right Cheek	42190	3460	21.84	0.12	22.0	0.064	1.038	1.008	0.067
	Band42/50%RB#24	6	Right Tilted	42190	3460	21.84	-0.13	22.0	0.058	1.038	1.008	0.061
	Band42/50%RB#24	6	Left Cheek	42190	3460	21.84	-0.05	22.0	0.051	1.038	1.008	0.053
	Band42/50%RB#24	6	Left Tilted	42190	3460	21.84	0.13	22.0	0.043	1.038	1.008	0.045
	Band42/50%RB#24	7	Right Cheek	42190	3460	21.84	-0.15	22.0	0.321	1.038	1.008	0.336
	Band42/50%RB#24	7	Right Tilted	42190	3460	21.84	0.09	22.0	0.416	1.038	1.008	0.435
	Band42/50%RB#24	7	Left Cheek	42190	3460	21.84	0.05	22.0	0.256	1.038	1.008	0.268
	Band42/50%RB#24	7	Left Tilted	42190	3460	21.84	-0.01	22.0	0.302	1.038	1.008	0.316
	Band42/50%RB#24	8	Right Cheek	42190	3460	21.84	0.12	22.0	0.066	1.038	1.008	0.069
	Band42/50%RB#24	8	Right Tilted	42190	3460	21.84	-0.18	22.0	0.089	1.038	1.008	0.093
	Band42/50%RB#24	8	Left Cheek	42190	3460	21.84	0.00	22.0	0.091	1.038	1.008	0.095
	Band42/50%RB#24	8	Left Tilted	42190	3460	21.84	-0.02	22.0	0.095	1.038	1.008	0.099
ANSI / IEEE C95.1 – SAFETY LIMIT						1.6 W/kg (mW/g)						
Spatial Peak						Averaged over 1g						
Uncontrolled Exposure/General Population												

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

Plot No.	Band/Mode	ANT	Test Position	CH.	Freq. (MHz)	Ave. Power (dBm)	Power Drift (dB)	Tune-Up Limit (dBm)	Meas. SAR _{1g} (W/kg)	Scaling Factor	Reported SAR _{1g} (W/kg)
	Band66/1RB#99	3	Right Cheek	132322	1745	23.87	-0.01	24.0	0.125	1.03	0.129
	Band66C/1RB#99	3	Right Cheek	132323+132521	1745.10+1764.9	23.52	-0.09	24.0	0.085	1.117	0.095
	Band66/1RB#99	3	Right Tilted	132322	1745	23.87	-0.14	24.0	0.029	1.03	0.030
	Band66/1RB#99	3	Left Cheek	132322	1745	23.87	0.07	24.0	0.101	1.03	0.104
	Band66/1RB#99	3	Left Tilted	132322	1745	23.87	0.11	24.0	0.019	1.03	0.020
	Band66/1RB#99	7	Right Cheek	132322	1745	23.87	-0.15	24.0	0.402	1.03	0.414
	Band66/1RB#99	7	Right Tilted	132322	1745	23.87	0.06	24.0	0.454	1.03	0.468
	Band66/1RB#99	7	Left Cheek	132322	1745	23.87	0.09	24.0	0.320	1.03	0.330
	Band66/1RB#99	7	Left Tilted	132322	1745	23.87	0.08	24.0	0.334	1.03	0.344
15	Band66/1RB#0 ENDC	5	Right Cheek	132322	1745	20.40	0.00	21.0	0.541	1.148	0.621
	Band66/1RB#0 ENDC	5	Right Tilted	132322	1745	20.40	0.13	21.0	0.243	1.148	0.279
	Band66/1RB#0 ENDC	5	Left Cheek	132322	1745	20.40	0.05	21.0	0.250	1.148	0.287
	Band66/1RB#0 ENDC	5	Left Tilted	132322	1745	20.40	0.09	21.0	0.168	1.148	0.193
	Band66/50%RB#0	3	Right Cheek	132322	1745	22.77	-0.12	23.0	0.114	1.054	0.120
	Band66/50%RB#0	3	Right Tilted	132322	1745	22.77	0.16	23.0	0.021	1.054	0.022
	Band66/50%RB#0	3	Left Cheek	132322	1745	22.77	-0.04	23.0	0.096	1.054	0.101
	Band66/50%RB#0	3	Left Tilted	132322	1745	22.77	-0.09	23.0	0.015	1.054	0.016
	Band66/50%RB#0	7	Right Cheek	132322	1745	22.77	0.12	23.0	0.368	1.054	0.388
	Band66/50%RB#0	7	Right Tilted	132322	1745	22.77	0.07	23.0	0.384	1.054	0.405
	Band66/50%RB#0	7	Left Cheek	132322	1745	22.77	0.16	23.0	0.298	1.054	0.314
	Band66/50%RB#0	7	Left Tilted	132322	1745	22.77	0.15	23.0	0.302	1.054	0.318
	Band66/50%RB#24 ENDC	5	Right Cheek	132322	1745	19.40	-0.08	20.0	0.513	1.148	0.589
	and66/50%RB#24 ENDC	5	Right Tilted	132322	1745	19.40	0.12	20.0	0.215	1.148	0.247
	and66/50%RB#24 ENDC	5	Left Cheek	132322	1745	19.40	-0.13	20.0	0.222	1.148	0.255
	Band66/50%RB#24 ENDC	5	Left Tilted	132322	1745	19.40	0.11	20.0	0.148	1.148	0.170
ANSI / IEEE C95.1 – SAFETY LIMIT Spatial Peak Uncontrolled Exposure/General Population						1.6 W/kg (mW/g) Averaged over 1g					

➤ NR n5(20MHz) DFT-BPSK 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)
	NR n5 /1@49	2	Right Cheek	167800	839	23.90	-0.10	24.5	0.105	1.148	0.121
	NR n5 /1@49	2	Right Tilted	167800	839	23.90	0.04	24.5	0.039	1.148	0.045
	NR n5 /1@49	2	Left Cheek	167800	839	23.90	-0.20	24.5	0.121	1.148	0.139
	NR n5 /1@49	2	Left Tilted	167800	839	23.90	0.02	24.5	0.042	1.148	0.048
	NR n5 /1@49	4	Right Cheek	167800	839	23.90	-0.07	24.5	0.516	1.148	0.592
	NR n5 /1@49	4	Right Tilted	167800	839	23.90	-0.06	24.5	0.224	1.148	0.257
	NR n5 /1@49	4	Left Cheek	167800	839	23.90	0.06	24.5	0.530	1.148	0.608
	NR n5 /1@49	4	Left Tilted	167800	839	23.90	0.18	24.5	0.265	1.148	0.304
	NR n5 /25@12	2	Right Cheek	167300	836.5	24.15	0.05	24.5	0.118	1.084	0.128
	NR n5 /25@12	2	Right Tilted	167300	836.5	24.15	-0.05	24.5	0.032	1.084	0.035
	NR n5 /25@12	2	Left Cheek	167300	836.5	24.15	-0.08	24.5	0.126	1.084	0.137
	NR n5 /25@12	2	Left Tilted	167300	836.5	24.15	0.09	24.5	0.039	1.084	0.042
	NR n5 /25@12	4	Right Cheek	167300	836.5	24.15	0.05	24.5	0.598	1.084	0.648
	NR n5 /25@12	4	Right Tilted	167300	836.5	24.15	0.15	24.5	0.258	1.084	0.280
16	NR n5 /25@12	4	Left Cheek	167300	836.5	24.15	-0.09	24.5	0.705	1.084	0.764
	NR n5 /25@12	4	Left Tilted	167300	836.5	24.15	-0.13	24.5	0.334	1.084	0.362
ANSI / IEEE C95.1 – SAFETY LIMIT Spatial Peak Uncontrolled Exposure/General Population						1.6 W/kg (mW/g) Averaged over 1g					

➤ NR n7(20MHz) DFT-BPSK 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)
	NR n7 /1@49	3	Right Cheek	512000	2560	22.71	-0.02	23.0	0.079	1.069	0.084
	NR n7 /1@49	3	Right Tilted	512000	2560	22.71	0.11	23.0	0.019	1.069	0.020
	NR n7 /1@49	3	Left Cheek	512000	2560	22.71	0.06	23.0	0.112	1.069	0.120
	NR n7 /1@49	3	Left Tilted	512000	2560	22.71	-0.15	23.0	0.028	1.069	0.030
	NR n7 /1@49	7	Right Cheek	512000	2560	22.71	0.12	23.0	0.518	1.069	0.554
17	NR n7 /1@49	7	Right Tilted	512000	2560	22.71	0.14	23.0	0.633	1.069	0.677
	NR n7 /1@49	7	Left Cheek	512000	2560	22.71	-0.14	23.0	0.409	1.069	0.437
	NR n7 /1@49	7	Left Tilted	51200	2560	22.71	0.15	23.0	0.512	1.069	0.547
	NR n7 /1@49	5	Right Cheek	502000	2510	20.14	0.11	20.5	0.063	1.086	0.068
	NR n7 /1@49	5	Right Tilted	502000	2510	20.14	-0.03	20.5	0.031	1.086	0.034
	NR n7 /1@49	5	Left Cheek	502000	2510	20.14	-0.14	20.5	0.033	1.086	0.036
	NR n7 /1@49	5	Left Tilted	502000	2510	20.14	0.06	20.5	0.022	1.086	0.024
	NR n7 /25@12	3	Right Cheek	507000	2535	22.68	0.09	23.0	0.072	1.076	0.077
	NR n7 /25@12	3	Right Tilted	507000	2535	22.68	0.16	23.0	0.015	1.076	0.016
	NR n7 /25@12	3	Left Cheek	507000	2535	22.68	0.11	23.0	0.103	1.076	0.111
	NR n7 /25@12	3	Left Tilted	507000	2535	22.68	-0.12	23.0	0.022	1.076	0.024
ANSI / IEEE C95.1 – SAFETY LIMIT Spatial Peak Uncontrolled Exposure/General Population						1.6 W/kg (mW/g) Averaged over 1g					

➤ NR n12(15MHz) DFT-BPSK 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)
	NR n12 /1@36	2	Right Cheek	141300	706.5	23.89	-0.16	24.5	0.051	1.151	0.059
	NR n12 /1@36	2	Right Tilted	141300	706.5	23.89	0.18	24.5	0.016	1.151	0.018
	NR n12 /1@36	2	Left Cheek	141300	706.5	23.89	-0.20	24.5	0.060	1.151	0.069
	NR n12 /1@36	2	Left Tilted	141300	706.5	23.89	0.03	24.5	0.021	1.151	0.024
	NR n12 /1@36	4	Right Cheek	141300	706.5	23.89	0.13	24.5	0.401	1.151	0.462
	NR n12 /1@36	4	Right Tilted	141300	706.5	23.89	0.07	24.5	0.213	1.151	0.245
18	NR n12 /1@36	4	Left Cheek	141300	706.5	23.89	0.17	24.5	0.441	1.151	0.508
	NR n12 /1@36	4	Left Tilted	141300	706.5	23.89	-0.02	24.5	0.249	1.151	0.287
	NR n12/18@9	2	Right Cheek	141300	706.5	23.87	0.07	24.5	0.047	1.156	0.054
	NR n12/18@9	2	Right Tilted	141300	706.5	23.87	-0.05	24.5	0.015	1.156	0.017
	NR n12/18@9	2	Left Cheek	141300	706.5	23.87	0.07	24.5	0.058	1.156	0.067
	NR n12/18@9	2	Left Tilted	141300	706.5	23.87	-0.14	24.5	0.012	1.156	0.014
	NR n12/18@9	4	Right Cheek	141300	706.5	23.87	-0.02	24.5	0.384	1.156	0.444
	NR n12/18@9	4	Right Tilted	141300	706.5	23.87	0.08	24.5	0.203	1.156	0.235
	NR n12/18@9	4	Left Cheek	141300	706.5	23.87	-0.12	24.5	0.412	1.156	0.476
	NR n12/18@9	4	Left Tilted	141300	706.5	23.87	0.03	24.5	0.224	1.156	0.259
ANSI / IEEE C95.1 – SAFETY LIMIT Spatial Peak Uncontrolled Exposure/General Population						1.6 W/kg (mW/g) Averaged over 1g					

➤ NR n38(40MHz) DFT-BPSK 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)
	NR n38/1@104	3	Right Cheek	518000	2590	23.00	0.11	23.5	0.058	1.122	1.008	0.066
	NR n38/1@104	3	Right Tilted	518000	2590	23.00	-0.02	23.5	0.018	1.122	1.008	0.020
	NR n38/1@104	3	Left Cheek	518000	2590	23.00	0.08	23.5	0.071	1.122	1.008	0.080
	NR n38/1@104	3	Left Tilted	518000	2590	23.00	-0.16	23.5	0.021	1.122	1.008	0.024
	NR n38/1@104	7	Right Cheek	518000	2590	23.00	-0.10	23.5	0.203	1.122	1.008	0.230
	NR n38/1@104	7	Right Tilted	518000	2590	23.00	-0.10	23.5	0.273	1.122	1.008	0.309
	NR n38/1@104	7	Left Cheek	518000	2590	23.00	-0.03	23.5	0.184	1.122	1.008	0.208
	NR n38/1@104	7	Left Tilted	518000	2590	23.00	0.13	23.5	0.210	1.122	1.008	0.238
	NR n38/50@25	3	Right Cheek	520000	2600	22.89	0.20	23.5	0.063	1.151	1.008	0.073
	NR n38/50@25	3	Right Tilted	520000	2600	22.89	0.04	23.5	0.022	1.151	1.008	0.026
	NR n38/50@25	3	Left Cheek	520000	2600	22.89	0.01	23.5	0.076	1.151	1.008	0.088
	NR n38/50@25	3	Left Tilted	520000	2600	22.89	0.06	23.5	0.025	1.151	1.008	0.029
	NR n38/50@25	7	Right Cheek	520000	2600	22.89	-0.08	23.5	0.212	1.151	1.008	0.246
19	NR n38/50@25	7	Right Tilted	520000	2600	22.89	0.04	23.5	0.307	1.151	1.008	0.356
	NR n38/50@25	7	Left Cheek	520000	2600	22.89	0.16	23.5	0.196	1.151	1.008	0.227
	NR n38/50@25	7	Left Tilted	520000	2600	22.89	0.03	23.5	0.215	1.151	1.008	0.249
ANSI / IEEE C95.1 – SAFETY LIMIT Spatial Peak Uncontrolled Exposure/General Population						1.6 W/kg (mW/g) Averaged over 1g						

➤ NR n41(100MHz) DFT-BPSK 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)
	NR n41/1@271	3	Right Cheek	528000	2640	23.21	-0.04	23.5	0.052	1.069	1.008	0.056
	NR n41/1@271	3	Right Tilted	528000	2640	23.21	0.07	23.5	0.019	1.069	1.008	0.020
	NR n41/1@271	3	Left Cheek	528000	2640	23.21	0.09	23.5	0.061	1.069	1.008	0.066
	NR n41/1@271	3	Left Tilted	528000	2640	23.21	0.17	23.5	0.021	1.069	1.008	0.023
	NR n41/1@271	7	Right Cheek	528000	2640	23.21	-0.13	23.5	0.402	1.069	1.008	0.433
20	NR n41/1@271	7	Right Tilted	528000	2640	23.21	0.03	23.5	0.457	1.069	1.008	0.492
	NR n41/1@271	7	Left Cheek	528000	2640	23.21	0.11	23.5	0.321	1.069	1.008	0.346
	NR n41/1@271	7	Left Tilted	528000	2640	23.21	-0.01	23.5	0.333	1.069	1.008	0.359
	NR n41/135@67	3	Right Cheek	518598	2592.99	23.03	-0.18	23.5	0.062	1.114	1.008	0.070
	NR n41/135@67	3	Right Tilted	518598	2592.99	23.03	0.03	23.5	0.025	1.114	1.008	0.028
	NR n41/135@67	3	Left Cheek	518598	2592.99	23.03	-0.06	23.5	0.070	1.114	1.008	0.078
	NR n41/135@67	3	Left Tilted	518598	2592.99	23.03	0.16	23.5	0.028	1.114	1.008	0.031
	NR n41/135@67	7	Right Cheek	518598	2592.99	23.03	-0.15	23.5	0.321	1.114	1.008	0.360
	NR n41/135@67	7	Right Tilted	518598	2592.99	23.03	-0.10	23.5	0.373	1.114	1.008	0.419
	NR n41/135@67	7	Left Cheek	518598	2592.99	23.03	-0.14	23.5	0.246	1.114	1.008	0.276
	NR n41/135@67	7	Left Tilted	518598	2592.99	23.03	0.17	23.5	0.258	1.114	1.008	0.290
ANSI / IEEE C95.1 – SAFETY LIMIT Spatial Peak Uncontrolled Exposure/General Population						1.6 W/kg (mW/g) Averaged over 1g						

➤ NR n66(20MHz) DFT-BPSK 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)
	NR n66/1@104	3	Right Cheek	346000	1730	22.71	-0.15	23.0	0.047	1.069	0.050
	NR n66/1@104	3	Right Tilted	346000	1730	22.71	0.10	23.0	0.013	1.069	0.014
	NR n66/1@104	3	Left Cheek	346000	1730	22.71	0.08	23.0	0.052	1.069	0.056
	NR n66/1@104	3	Left Tilted	346000	1730	22.71	0.19	23.0	0.018	1.069	0.019
	NR n66/1@104	7	Right Cheek	346000	1730	22.71	0.20	23.0	0.476	1.069	0.509
	NR n66/1@104	7	Right Tilted	346000	1730	22.71	0.19	23.0	0.511	1.069	0.546
	NR n66/1@104	7	Left Cheek	346000	1730	22.71	0.05	23.0	0.328	1.069	0.351
	NR n66/1@104	7	Left Tilted	346000	1730	22.71	-0.18	23.0	0.428	1.069	0.458
	NR n66/1@1	5	Right Cheek	346000	1730	20.17	-0.03	20.5	0.329	1.079	0.355
	NR n66/1@1	5	Right Tilted	346000	1730	20.17	0.09	20.5	0.155	1.079	0.167
	NR n66/1@1	5	Left Cheek	346000	1730	20.17	0.16	20.5	0.158	1.079	0.170
	NR n66/1@1	5	Left Tilted	346000	1730	20.17	0.09	20.5	0.121	1.079	0.131
	NR n66/50@25	3	Right Cheek	349000	1745	22.61	-0.09	23.0	0.053	1.094	0.058
	NR n66/50@25	3	Right Tilted	349000	1745	22.61	-0.07	23.0	0.016	1.094	0.018
	NR n66/50@25	3	Left Cheek	349000	1745	22.61	-0.04	23.0	0.060	1.094	0.066
	NR n66/50@25	3	Left Tilted	349000	1745	22.61	-0.13	23.0	0.021	1.094	0.023
	NR n66/50@25	7	Right Cheek	349000	1745	22.61	0.18	23.0	0.481	1.094	0.526
21	NR n66/50@25	7	Right Tilted	349000	1745	22.61	0.00	23.0	0.528	1.094	0.578
	NR n66/50@25	7	Left Cheek	349000	1745	22.61	-0.05	23.0	0.336	1.094	0.368
	NR n66/50@25	7	Left Tilted	349000	1745	22.61	0.09	23.0	0.435	1.094	0.476
	NR n66/50@25	5	Right Cheek	346000	1730	20.19	-0.06	20.5	0.351	1.074	0.377
	NR n66/50@25	5	Right Tilted	346000	1730	20.19	-0.09	20.5	0.161	1.074	0.173
	NR n66/50@25	5	Left Cheek	346000	1730	20.19	0.07	20.5	0.166	1.074	0.178
	NR n66/50@25	5	Left Tilted	346000	1730	20.19	-0.01	20.5	0.130	1.074	0.140
ANSI / IEEE C95.1 – SAFETY LIMIT Spatial Peak Uncontrolled Exposure/General Population						1.6 W/kg (mW/g) Averaged over 1g					

➤ NR n71(20MHz) DFT-BPSK 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)
	NR n71/1@1	2	Right Cheek	137600	688	23.80	-0.14	24.0	0.022	1.047	0.023
	NR n71/1@1	2	Right Tilted	137600	688	23.80	0.16	24.0	0.008	1.047	0.008
	NR n71/1@1	2	Left Cheek	137600	688	23.80	-0.02	24.0	0.024	1.047	0.025
	NR n71/1@1	2	Left Tilted	137600	688	23.80	0.04	24.0	0.010	1.047	0.010
	NR n71/1@1	4	Right Cheek	137600	688	23.80	-0.02	24.0	0.129	1.047	0.135
	NR n71/1@1	4	Right Tilted	137600	688	23.80	0.00	24.0	0.058	1.047	0.061
22	NR n71/1@1	4	Left Cheek	137600	688	23.80	-0.04	24.0	0.146	1.047	0.153
	NR n71/1@1	4	Left Tilted	137600	688	23.80	-0.10	24.0	0.067	1.047	0.070
	NR n71/25@12	2	Right Cheek	136100	680.5	23.82	0.11	24.0	0.018	1.042	0.019
	NR n71/25@12	2	Right Tilted	136100	680.5	23.82	-0.05	24.0	0.006	1.042	0.006
	NR n71/25@12	2	Left Cheek	136100	680.5	23.82	0.04	24.0	0.021	1.042	0.022
	NR n71/25@12	2	Left Tilted	136100	680.5	23.82	-0.08	24.0	0.009	1.042	0.009
	NR n71/25@12	4	Right Cheek	136100	680.5	23.82	0.18	24.0	0.122	1.042	0.127
	NR n71/25@12	4	Right Tilted	136100	680.5	23.82	0.11	24.0	0.053	1.042	0.055
	NR n71/25@12	4	Left Cheek	136100	680.5	23.82	-0.10	24.0	0.143	1.042	0.149
	NR n71/25@12	4	Left Tilted	136100	680.5	23.82	0.10	24.0	0.065	1.042	0.068
ANSI / IEEE C95.1 – SAFETY LIMIT						1.6 W/kg (mW/g)					
Spatial Peak						Averaged over 1g					
Uncontrolled Exposure/General Population											

➤ NR n77(3450MHz~3550MHz) (100MHz)DFT-BPSK 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)
	NR n77 /1@1	0	Right Cheek	633334	3500.01	27.65	-0.10	28.0	0.087	1.084	1.008	0.095
	NR n77 /1@1	0	Right Tilted	633334	3500.01	27.65	0.05	28.0	0.042	1.084	1.008	0.046
	NR n77 /1@1	0	Left Cheek	633334	3500.01	27.65	-0.03	28.0	0.095	1.084	1.008	0.103
	NR n77 /1@1	0	Left Tilted	633334	3500.01	27.65	-0.11	28.0	0.053	1.084	1.008	0.058
	NR n77 /1@1	6	Right Cheek	633334	3500.01	27.65	-0.03	28.0	0.376	1.084	1.008	0.411
	NR n77 /1@1	6	Right Tilted	633334	3500.01	27.65	-0.16	28.0	0.203	1.084	1.008	0.222
	NR n77 /1@1	6	Left Cheek	633334	3500.01	27.65	-0.06	28.0	0.259	1.084	1.008	0.283
	NR n77 /1@1	6	Left Tilted	633334	3500.01	27.65	-0.12	28.0	0.154	1.084	1.008	0.168
	NR n77 /1@1	7	Right Cheek	633334	3500.01	27.65	-0.03	28.0	0.367	1.084	1.008	0.401
	NR n77 /1@1	7	Right Tilted	633334	3500.01	27.65	-0.03	28.0	0.478	1.084	1.008	0.522
	NR n77 /1@1	7	Left Cheek	633334	3500.01	27.65	-0.13	28.0	0.255	1.084	1.008	0.279
	NR n77 /1@1	7	Left Tilted	633334	3500.01	27.65	-0.16	28.0	0.361	1.084	1.008	0.394
	NR n77 /1@1	8	Right Cheek	633334	3500.01	27.65	-0.02	28.0	0.129	1.084	1.008	0.141
	NR n77 /1@1	8	Right Tilted	633334	3500.01	27.65	-0.04	28.0	0.245	1.084	1.008	0.268
	NR n77 /1@1	8	Left Cheek	633334	3500.01	27.65	0.07	28.0	0.268	1.084	1.008	0.293
23	NR n77 /1@1	8	Left Tilted	633334	3500.01	27.65	-0.13	28.0	0.533	1.084	1.008	0.582
	NR n77 /135@67	0	Right Cheek	633334	3500.01	27.17	0.04	28.0	0.082	1.211	1.008	0.100
	NR n77 /135@67	0	Right Tilted	633334	3500.01	27.17	0.18	28.0	0.038	1.211	1.008	0.046
	NR n77 /135@67	0	Left Cheek	633334	3500.01	27.17	0.14	28.0	0.084	1.211	1.008	0.103
	NR n77 /135@67	0	Left Tilted	633334	3500.01	27.17	-0.17	28.0	0.046	1.211	1.008	0.056
	NR n77 /135@67	6	Right Cheek	633334	3500.01	27.17	0.04	28.0	0.361	1.211	1.008	0.441
	NR n77 /135@67	6	Right Tilted	633334	3500.01	27.17	0.13	28.0	0.198	1.211	1.008	0.242
	NR n77 /135@67	6	Left Cheek	633334	3500.01	27.17	0.16	28.0	0.243	1.211	1.008	0.297
	NR n77 /135@67	6	Left Tilted	633334	3500.01	27.17	-0.04	28.0	0.142	1.211	1.008	0.173
	NR n77 /135@67	7	Right Cheek	633334	3500.01	27.17	0.17	28.0	0.342	1.211	1.008	0.417
	NR n77 /135@67	7	Right Tilted	633334	3500.01	27.17	-0.13	28.0	0.461	1.211	1.008	0.563
	NR n77 /135@67	7	Left Cheek	633334	3500.01	27.17	-0.10	28.0	0.247	1.211	1.008	0.302
	NR n77 /135@67	7	Left Tilted	633334	3500.01	27.17	-0.08	28.0	0.339	1.211	1.008	0.414
	NR n77 /135@67	8	Right Cheek	633334	3500.01	27.17	0.11	28.0	0.121	1.211	1.008	0.148
	NR n77 /135@67	8	Right Tilted	633334	3500.01	27.17	0.17	28.0	0.241	1.211	1.008	0.294
	NR n77 /135@67	8	Left Cheek	633334	3500.01	27.17	-0.20	28.0	0.253	1.211	1.008	0.309
	NR n77 /135@67	8	Left Tilted	633334	3500.01	27.17	-0.05	28.0	0.508	1.211	1.008	0.620
ANSI / IEEE C95.1 – SAFETY LIMIT Spatial Peak						1.6 W/kg (mW/g) Averaged over 1g						
Uncontrolled Exposure/General Population												

➤ NR n77(3550MHz~3700MHz) (100MHz)DFT-BPSK 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)
	NR n77 /1@1	0	Right Cheek	643332	3649.98	27.55	-0.17	28.0	0.129	1.109	1.008	0.144
	NR n77 /1@1	0	Right Tilted	643332	3649.98	27.55	-0.04	28.0	0.076	1.109	1.008	0.085
	NR n77 /1@1	0	Left Cheek	643332	3649.98	27.55	-0.05	28.0	0.141	1.109	1.008	0.158
	NR n77 /1@1	0	Left Tilted	643332	3649.98	27.55	0.15	28.0	0.095	1.109	1.008	0.106
	NR n77 /1@1	6	Right Cheek	643332	3649.98	27.55	-0.04	28.0	0.261	1.109	1.008	0.292
	NR n77 /1@1	6	Right Tilted	643332	3649.98	27.55	0.18	28.0	0.128	1.109	1.008	0.143
	NR n77 /1@1	6	Left Cheek	643332	3649.98	27.55	-0.20	28.0	0.243	1.109	1.008	0.272
	NR n77 /1@1	6	Left Tilted	643332	3649.98	27.55	0.02	28.0	0.109	1.109	1.008	0.122
	NR n77 /1@1	7	Right Cheek	643332	3649.98	27.55	-0.20	28.0	0.452	1.109	1.008	0.505
24	NR n77 /1@1	7	Right Tilted	643332	3649.98	27.55	0.13	28.0	0.517	1.109	1.008	0.578
	NR n77 /1@1	7	Left Cheek	643332	3649.98	27.55	0.05	28.0	0.296	1.109	1.008	0.331
	NR n77 /1@1	7	Left Tilted	643332	3649.98	27.55	-0.07	28.0	0.334	1.109	1.008	0.373
	NR n77 /1@1	8	Right Cheek	643332	3649.98	27.55	-0.16	28.0	0.074	1.109	1.008	0.083
	NR n77 /1@1	8	Right Tilted	643332	3649.98	27.55	0.06	28.0	0.131	1.109	1.008	0.146
	NR n77 /1@1	8	Left Cheek	643332	3649.98	27.55	0.07	28.0	0.136	1.109	1.008	0.152
	NR n77 /1@1	8	Left Tilted	643332	3649.98	27.55	-0.06	28.0	0.256	1.109	1.008	0.286
	NR n77/135@67	0	Right Cheek	640000	3600	27.50	-0.13	28.0	0.121	1.122	1.008	0.137
	NR n77/135@67	0	Right Tilted	640000	3600	27.50	0.00	28.0	0.068	1.122	1.008	0.077
	NR n77/135@67	0	Left Cheek	640000	3600	27.50	0.05	28.0	0.128	1.122	1.008	0.145
	NR n77/135@67	0	Left Tilted	640000	3600	27.50	-0.15	28.0	0.086	1.122	1.008	0.097
	NR n77/135@67	6	Right Cheek	640000	3600	27.50	0.18	28.0	0.251	1.122	1.008	0.284
	NR n77/135@67	6	Right Tilted	640000	3600	27.50	-0.20	28.0	0.121	1.122	1.008	0.137
	NR n77/135@67	6	Left Cheek	640000	3600	27.50	-0.13	28.0	0.235	1.122	1.008	0.266
	NR n77/135@67	6	Left Tilted	640000	3600	27.50	0.04	28.0	0.102	1.122	1.008	0.115
	NR n77/135@67	7	Right Cheek	640000	3600	27.50	0.01	28.0	0.436	1.122	1.008	0.493
	NR n77/135@67	7	Right Tilted	640000	3600	27.50	0.08	28.0	0.501	1.122	1.008	0.567
	NR n77/135@67	7	Left Cheek	640000	3600	27.50	0.04	28.0	0.284	1.122	1.008	0.321
	NR n77/135@67	7	Left Tilted	640000	3600	27.50	-0.15	28.0	0.321	1.122	1.008	0.363
	NR n77/135@67	8	Right Cheek	640000	3600	27.50	0.01	28.0	0.069	1.122	1.008	0.078
	NR n77/135@67	8	Right Tilted	640000	3600	27.50	-0.04	28.0	0.124	1.122	1.008	0.140
	NR n77/135@67	8	Left Cheek	640000	3600	27.50	-0.17	28.0	0.131	1.122	1.008	0.148
	NR n77/135@67	8	Left Tilted	640000	3600	27.50	-0.13	28.0	0.242	1.122	1.008	0.274
ANSI / IEEE C95.1 – SAFETY LIMIT						1.6 W/kg (mW/g)						
Spatial Peak						Averaged over 1g						
Uncontrolled Exposure/General Population												

➤ NR n77(3700MHz~3980MHz) DFT-BPSK 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)
	NR n77 /1@1	0	Right Cheek	650000	3750	27.60	0.08	28.0	0.148	1.096	1.008	0.164
	NR n77 /1@1	0	Right Tilted	650000	3750	27.60	0.12	28.0	0.084	1.096	1.008	0.093
	NR n77 /1@1	0	Left Cheek	650000	3750	27.60	-0.07	28.0	0.170	1.096	1.008	0.188
	NR n77 /1@1	0	Left Tilted	650000	3750	27.60	0.09	28.0	0.106	1.096	1.008	0.117
	NR n77 /1@1	6	Right Cheek	650000	3750	27.60	-0.08	28.0	0.252	1.096	1.008	0.278
	NR n77 /1@1	6	Right Tilted	650000	3750	27.60	-0.20	28.0	0.132	1.096	1.008	0.146
	NR n77 /1@1	6	Left Cheek	650000	3750	27.60	0.11	28.0	0.143	1.096	1.008	0.158
	NR n77 /1@1	6	Left Tilted	650000	3750	27.60	0.19	28.0	0.074	1.096	1.008	0.082
	NR n77 /1@1	7	Right Cheek	650000	3750	27.60	-0.18	28.0	0.428	1.096	1.008	0.473
25	NR n77 /1@1	7	Right Tilted	650000	3750	27.60	0.13	28.0	0.550	1.096	1.008	0.608
	NR n77 /1@1	7	Left Cheek	650000	3750	27.60	-0.09	28.0	0.311	1.096	1.008	0.344
	NR n77 /1@1	7	Left Tilted	650000	3750	27.60	-0.11	28.0	0.398	1.096	1.008	0.440
	NR n77 /1@1	8	Right Cheek	650000	3750	27.60	-0.11	28.0	0.068	1.096	1.008	0.075
	NR n77 /1@1	8	Right Tilted	650000	3750	27.60	0.03	28.0	0.111	1.096	1.008	0.123
	NR n77 /1@1	8	Left Cheek	650000	3750	27.60	0.01	28.0	0.118	1.096	1.008	0.130
	NR n77 /1@1	8	Left Tilted	650000	3750	27.60	-0.11	28.0	0.225	1.096	1.008	0.249
	NR n77/135@67	0	Right Cheek	650000	3750	27.68	0.13	28.0	0.141	1.076	1.008	0.153
	NR n77/135@67	0	Right Tilted	650000	3750	27.68	-0.09	28.0	0.077	1.076	1.008	0.084
	NR n77/135@67	0	Left Cheek	650000	3750	27.68	0.07	28.0	0.162	1.076	1.008	0.176
	NR n77/135@67	0	Left Tilted	650000	3750	27.68	0.12	28.0	0.101	1.076	1.008	0.110
	NR n77/135@67	6	Right Cheek	650000	3750	27.68	0.03	28.0	0.246	1.076	1.008	0.267
	NR n77/135@67	6	Right Tilted	650000	3750	27.68	0.04	28.0	0.125	1.076	1.008	0.136
	NR n77/135@67	6	Left Cheek	650000	3750	27.68	0.18	28.0	0.132	1.076	1.008	0.143
	NR n77/135@67	6	Left Tilted	650000	3750	27.68	-0.07	28.0	0.071	1.076	1.008	0.077
	NR n77/135@67	7	Right Cheek	650000	3750	27.68	0.12	28.0	0.415	1.076	1.008	0.450
	NR n77/135@67	7	Right Tilted	650000	3750	27.68	0.02	28.0	0.526	1.076	1.008	0.571
	NR n77/135@67	7	Left Cheek	650000	3750	27.68	-0.19	28.0	0.301	1.076	1.008	0.326
	NR n77/135@67	7	Left Tilted	650000	3750	27.68	0.05	28.0	0.387	1.076	1.008	0.420
	NR n77/135@67	8	Right Cheek	650000	3750	27.68	0.05	28.0	0.062	1.076	1.008	0.067
	NR n77/135@67	8	Right Tilted	650000	3750	27.68	-0.04	28.0	0.103	1.076	1.008	0.112
	NR n77/135@67	8	Left Cheek	650000	3750	27.68	-0.11	28.0	0.105	1.076	1.008	0.114
	NR n77/135@67	8	Left Tilted	650000	3750	27.68	0.09	28.0	0.206	1.076	1.008	0.223
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	13	Right Cheek	11	2462	17.43	-0.09	17.5	0.191	1.016	1.000	0.194
	2.4GHz/802.11b	13	Right Tilted	11	2462	17.43	-0.08	17.5	0.181	1.016	1.000	0.184
	2.4GHz/802.11b	13	Left Cheek	11	2462	17.43	0.00	17.5	0.213	1.016	1.000	0.216
	2.4GHz/802.11b	13	Left Tilted	11	2462	17.43	0.01	17.5	0.102	1.016	1.000	0.104
	2.4GHz/802.11b	12	Right Cheek	6	2437	16.44	-0.08	16.5	0.201	1.014	1.000	0.204
	2.4GHz/802.11b	12	Right Tilted	6	2437	16.44	0.10	16.5	0.122	1.014	1.000	0.124
	2.4GHz/802.11b	12	Left Cheek	6	2437	16.44	0.00	16.5	0.230	1.014	1.000	0.233
26	2.4GHz/802.11b	12	Left Tilted	6	2437	16.44	0.03	16.5	0.281	1.014	1.000	0.285
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	0	Right Cheek	40	5200	16.28	0.03	16.5	0.079	1.052	1.000	0.083
	5.2GHz/802.11a	0	Right Tilted	40	5200	16.28	-0.04	16.5	0.052	1.052	1.000	0.055
27	5.2GHz/802.11a	0	Left Cheek	40	5200	16.28	0.01	16.5	0.196	1.052	1.000	0.206
	5.2GHz/802.11a	0	Left Tilted	40	5200	16.28	0.13	16.5	0.145	1.052	1.000	0.153
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	0	Right Cheek	60	5300	16.43	-0.07	16.5	0.091	1.016	1.000	0.092
	5.3GHz/802.11a	0	Right Tilted	60	5300	16.43	-0.04	16.5	0.059	1.016	1.000	0.060
28	5.3GHz/802.11a	0	Left Cheek	60	5300	16.43	-0.04	16.5	0.214	1.016	1.000	0.217
	5.3GHz/802.11a	0	Left Tilted	60	5300	16.43	-0.18	16.5	0.153	1.016	1.000	0.155
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	0	Right Cheek	100	5500	16.10	0.04	16.5	0.078	1.096	1.000	0.085
	5.6GHz/802.11a	0	Right Tilted	100	5500	16.10	0.14	16.5	0.052	1.096	1.000	0.057
29	5.6GHz/802.11a	0	Left Cheek	100	5500	16.10	-0.02	16.5	0.203	1.096	1.000	0.222
	5.6GHz/802.11a	0	Left Tilted	100	5500	16.10	-0.11	16.5	0.133	1.096	1.000	0.146
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	0	Right Cheek	157	5785	17.11	-0.02	17.5	0.098	1.094	1.000	0.107
	5.8GHz/802.11a	0	Right Tilted	157	5785	17.11	0.02	17.5	0.086	1.094	1.000	0.094
30	5.8GHz/802.11a	0	Left Cheek	157	5785	17.11	0.06	17.5	0.249	1.094	1.000	0.272
	5.8GHz/802.11a	0	Left Tilted	157	5785	17.11	-0.08	17.5	0.146	1.094	1.000	0.160
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	12	Right Cheek	0	2402	6.93	0.17	7.0	0.012	1.016	1.000	0.012
	BT/GFSK	12	Right Tilted	0	2402	6.93	-0.11	7.0	0.008	1.016	1.000	0.008
31	BT/GFSK	12	Left Cheek	0	2402	6.93	0.00	7.0	0.023	1.016	1.000	0.023
	BT/GFSK	12	Left Tilted	0	2402	6.93	-0.03	7.0	0.021	1.016	1.000	0.021
ANSI / IEEE C95.1 – SAFETY LIMIT Spatial Peak Uncontrolled Exposure/General Population						1.6 W/kg (mW/g) Averaged over 1g						

Note:

- Per KDB 447498 D04v01, for each exposure position, if the highest output power channel Reported SAR ≤ 0.8 W/kg, other channels SAR testing is not necessary.
- Per KDB 865664 D01v01r04, for each frequency band, repeated SAR measurement is required when the measured SAR is ≥ 0.8 W/kg.
- 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.
- 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.
- 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 39.81mW(16.0dBm) and 44.67mW(16.5dBm), the scaled SAR would be $0.285 \times (22.39/35.48) = 0.254$ W/Kg <1.2 W/kg, therefore, SAR is not required for OFDM.
- According to KDB 865664 D02v01r02, SAR plot is required for the highest measured SAR in each exposure configuration, wireless mode and frequency band combination
- Highlight part of test data means repeated test.
- *: Due the antenna location and antenna performance results the SAR value lower than the lowest system limit, then we show "<0.001 W/Kg" in the report.

15.2 Standalone Body SAR

➤ GSM Body SAR

Plot No.	Band/Mode	ANT	Test Position	CH.	Freq. (MHz)	Ave. Power (dBm)	Power Drift (dB)	Tune-Up Limit (dBm)	Meas. SAR _{1g} (W/kg)	Scaling Factor	Reported SAR _{1g} (W/kg)
	GPRS850/2 slots	2	Front	251	848.8	32.08	-0.19	32.5	0.324	1.102	0.357
	GPRS850/2 slots	2	Back	251	848.8	32.08	-0.06	32.5	0.406	1.102	0.447
	GPRS850/2 slots	4	Front	251	848.8	32.08	0.20	32.5	0.339	1.102	0.374
32	GPRS850/2 slots	4	Back	251	848.8	32.08	-0.07	32.5	0.560	1.102	0.617
	GPRS1900/4 slots	3	Front	810	1909.8	30.32	0.18	30.5	0.357	1.042	0.372
33	GPRS1900/4 slots	3	Back	810	1909.8	30.32	-0.07	30.5	0.479	1.042	0.499
	GPRS1900/4 slots	7	Front	810	1909.8	30.32	0.01	30.5	0.213	1.042	0.222
	GPRS1900/4 slots	7	Back	810	1909.8	30.32	0.00	30.5	0.370	1.042	0.386
ANSI / IEEE C95.1 – SAFETY LIMIT Spatial Peak Uncontrolled Exposure/General Population						1.6 W/kg (mW/g) Averaged over 1g					

➤ WCDMA Body SAR

Plot No.	Band/Mode	ANT	Test Position	CH.	Freq. (MHz)	Ave. Power (dBm)	Power Drift (dB)	Tune-Up Limit (dBm)	Meas. SAR _{1g} (W/kg)	Scaling Factor	Reported SAR _{1g} (W/kg)
	Band II/RMC	3	Front	9400	1880	23.96	0.12	24.5	0.453	1.132	0.513
34	Band II/RMC	3	Back	9400	1880	23.96	-0.06	24.5	0.753	1.132	0.852
	Band II/RMC	3	Back	9262	1852.4	23.32	-0.06	24.5	0.642	1.312	0.842
	Band II/RMC	3	Back	9538	1907.6	23.80	-0.06	24.5	0.698	1.175	0.820
	Band II/RMC	7	Front	9400	1880	23.96	0.15	24.5	0.101	1.132	0.114
	Band II/RMC	7	Back	9400	1880	23.96	-0.08	24.5	0.152	1.132	0.172
	Band IV/RMC	3	Front	1312	1712.4	23.82	0.17	24.0	0.421	1.042	0.439
35	Band IV/RMC	3	Back	1312	1712.4	23.82	-0.04	24.0	0.656	1.042	0.684
	Band IV/RMC	7	Front	1312	1712.4	23.82	-0.01	24.0	0.067	1.042	0.070
	Band IV/RMC	7	Back	1312	1712.4	23.82	0.02	24.0	0.089	1.042	0.093
	Band V/RMC	2	Front	4132	826.4	24.18	0.20	24.5	0.165	1.076	0.178
	Band V/RMC	2	Back	4132	826.4	24.18	0.04	24.5	0.232	1.076	0.250
	Band V/RMC	4	Front	4132	826.4	24.18	-0.10	24.5	0.258	1.076	0.278
36	Band V/RMC	4	Back	4132	826.4	24.18	-0.11	24.5	0.487	1.076	0.524
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#99	3	Front	19100	1900	24.28	-0.20	24.5	0.108	1.052	0.114
	Band2/1RB#99	3	Back	19100	1900	24.28	-0.02	24.5	0.142	1.052	0.149
	Band2/1RB#99	7	Front	19100	1900	24.28	0.10	24.5	0.096	1.052	0.101
37	Band2/1RB#99	7	Back	19100	1900	24.28	-0.03	24.5	0.163	1.052	0.171
	Band2/1RB#99 ENDC	5	Front	19100	1900	21.09	-0.06	21.5	0.033	1.099	0.036
	Band2/1RB#99 ENDC	5	Back	19100	1900	21.09	-0.05	21.5	0.059	1.099	0.065
	Band2/50%RB#0	3	Front	18900	1880	23.06	-0.14	23.5	0.096	1.107	0.106
	Band2/50%RB#0	3	Back	18900	1880	23.06	0.10	23.5	0.122	1.107	0.135
	Band2/50%RB#0	7	Front	18900	1880	23.06	-0.05	23.5	0.088	1.107	0.097
	Band2/50%RB#0	7	Back	18900	1880	23.06	-0.12	23.5	0.149	1.107	0.165
	Band2/50%RB#0 ENDC	5	Front	19100	1900	19.90	-0.18	20.5	0.029	1.148	0.033
	Band2/50%RB#0 ENDC	5	Back	19100	1900	19.90	-0.05	20.5	0.051	1.148	0.059
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	3	Front	20300	1745	24.20	0.05	24.5	0.423	1.072	0.453
38	Band4/1RB#49	3	Back	20300	1745	24.20	-0.06	24.5	0.727	1.072	0.779
	Band4/1RB#49	7	Front	20300	1745	24.20	0.07	24.5	0.164	1.072	0.176
	Band4/1RB#49	7	Back	20300	1745	24.20	-0.09	24.5	0.225	1.072	0.241
	Band4/1RB#99 ENDC	5	Front	20300	1745	20.81	-0.16	21.0	0.021	1.045	0.022
	Band4/1RB#99 ENDC	5	Back	20300	1745	20.81	-0.05	21.0	0.036	1.045	0.037
	Band4/50%RB#0	3	Front	20300	1745	23.04	-0.19	23.5	0.398	1.112	0.443
	Band4/50%RB#0	3	Back	20300	1745	23.04	-0.01	23.5	0.687	1.112	0.764
	Band4/50%RB#0	7	Front	20300	1745	23.04	0.01	23.5	0.145	1.112	0.161
	Band4/50%RB#0	7	Back	20300	1745	23.04	-0.05	23.5	0.202	1.112	0.225
	Band4/50%RB#24 ENDC	5	Front	20300	1745	19.69	0.09	20.0	0.015	1.074	0.016
	Band4/50%RB#24 ENDC	5	Back	20300	1745	19.69	0.11	20.0	0.029	1.074	0.031
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#49	2	Front	20600	844	24.67	-0.07	25.0	0.233	1.079	0.251
	Band5/1RB#49	2	Back	20600	844	24.67	0.01	25.0	0.286	1.079	0.309
	Band5/1RB#49	4	Front	20600	844	24.67	0.11	25.0	0.212	1.079	0.229
39	Band5/1RB#49	4	Back	20600	844	24.67	-0.03	25.0	0.318	1.079	0.343
	Band5/50%RB#0	2	Front	20600	844	23.59	0.14	24.0	0.215	1.099	0.236
	Band5/50%RB#0	2	Back	20600	844	23.59	0.06	24.0	0.264	1.099	0.290
	Band5/50%RB#0	4	Front	20600	844	23.59	0.03	24.0	0.197	1.099	0.217
	Band5/50%RB#0	4	Back	20600	844	23.59	0.18	24.0	0.299	1.099	0.329
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#99	3	Front	21350	2560	23.45	-0.10	24.0	0.538	1.135	0.611
40	Band7/1RB#99	3	Back	21350	2560	23.45	0.00	24.0	1.010	1.135	1.146
	Band7C/1RB#99	3	Back	21350+21152	2560+2540.2	23.27	0.00	23.5	0.854	1.054	0.900
	Band7/1RB#99	3	Back	20850	2510	23.45	-0.02	24.0	0.816	1.135	0.926
	Band7/1RB#99	3	Back	21100	2535	23.45	-0.11	24.0	0.951	1.135	1.079
	Band7/1RB#99	3	Back	21350	2560	23.45	0.02	24.0	0.977	1.135	1.109
	Band7/1RB#99	7	Front	21350	2560	23.45	0.00	24.0	0.078	1.135	0.089
	Band7/1RB#99	7	Back	21350	2560	23.45	0.08	24.0	0.120	1.135	0.136
	Band7/1RB#49 ENDC	5	Front	21100	2535	20.77	0.05	21.0	0.045	1.054	0.048
	Band7/1RB#49 ENDC	5	Back	21100	2535	20.77	0.08	21.0	0.096	1.054	0.101
	Band7/50%RB#24	3	Front	20850	2510	22.39	0.08	22.5	0.489	1.026	0.502
	Band7/50%RB#24	3	Back	20850	2510	22.39	0.03	22.5	0.892	1.026	0.915
	Band7/50%RB#24	3	Back	21100	2510	22.26	0.01	22.5	0.743	1.057	0.785
	Band7/50%RB#24	3	Back	21350	2510	22.31	-0.15	22.5	0.769	1.045	0.804
	Band7/50%RB#24	7	Front	20850	2510	22.39	-0.14	22.5	0.069	1.026	0.071
	Band7/50%RB#24	7	Back	20850	2510	22.39	0.16	22.5	0.105	1.026	0.108
	Band7/50%RB#49 ENDC	5	Front	21350	2560	19.75	-0.06	20.0	0.041	1.059	0.043
	Band7/50%RB#49 ENDC	5	Back	21350	2560	19.75	-0.09	20.0	0.088	1.059	0.093
	Band7/100%RB#0	3	Back	20850	2510	22.39	0.03	22.5	0.769	1.026	0.789
ANSI / IEEE C95.1 – SAFETY LIMIT Spatial Peak Uncontrolled Exposure/General Population						1.6 W/kg (mW/g) Averaged over 1g					

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

Plot No.	Band/Mode	ANT	Test Position	CH.	Freq. (MHz)	Ave. Power (dBm)	Power Drift (dB)	Tune-Up Limit (dBm)	Meas. SAR _{1g} (W/kg)	Scaling Factor	Reported SAR _{1g} (W/kg)
	Band12/1RB#49	2	Front	23060	704	24.45	0.04	24.5	0.164	1.012	0.166
	Band12/1RB#49	2	Back	23060	704	24.45	-0.07	24.5	0.228	1.012	0.231
	Band12/1RB#49	4	Front	23060	704	24.45	0.06	24.5	0.313	1.012	0.317
41	Band12/1RB#49	4	Back	23060	704	24.45	-0.03	24.5	0.495	1.012	0.501
	Band12/50%RB#0	2	Front	23130	711	23.43	-0.02	23.5	0.156	1.016	0.158
	Band12/50%RB#0	2	Back	23130	711	23.43	-0.15	23.5	0.208	1.016	0.211
	Band12/50%RB#0	4	Front	23130	711	23.43	0.18	23.5	0.281	1.016	0.285
	Band12/50%RB#0	4	Back	23130	711	23.43	-0.08	23.5	0.424	1.016	0.431
ANSI / IEEE C95.1 – SAFETY LIMIT Spatial Peak Uncontrolled Exposure/General Population						1.6 W/kg (mW/g) Averaged over 1g					

➤ FDD-LTE Band 17(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)
	Band17/1RB#49	2	Front	23800	711	24.48	-0.13	24.5	0.166	1.005	0.167
	Band17/1RB#49	2	Back	23800	711	24.48	0.05	24.5	0.234	1.005	0.235
	Band17/1RB#49	4	Front	23800	711	24.48	0.15	24.5	0.326	1.005	0.328
42	Band17/1RB#49	4	Back	23800	711	24.48	-0.08	24.5	0.565	1.005	0.568
	Band17/50%RB#0	2	Front	23800	711	23.47	-0.03	23.5	0.153	1.007	0.154
	Band17/50%RB#0	2	Back	23800	711	23.47	-0.08	23.5	0.218	1.007	0.220
	Band17/50%RB#0	4	Front	23800	711	23.47	-0.16	23.5	0.299	1.007	0.301
	Band17/50%RB#0	4	Back	23800	711	23.47	0.16	23.5	0.487	1.007	0.490
ANSI / IEEE C95.1 – SAFETY LIMIT Spatial Peak Uncontrolled Exposure/General Population						1.6 W/kg (mW/g) Averaged over 1g					

➤ TDD-LTE Band 38(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)
	Band38/1RB#49	3	Front	38000	2595	23.66	0.20	24.0	0.388	1.081	1.008	0.423
43	Band38/1RB#49	3	Back	38000	2595	23.66	-0.01	24.0	0.673	1.081	1.008	0.733
	Band38C/1RB#49	3	Back	37901+38099	2585.1+2604.9	23.57	0.02	24.0	0.365	1.104	1.008	0.406
	Band38/1RB#49	7	Front	38000	2595	23.66	0.12	24.0	0.084	1.081	1.008	0.092
	Band38/1RB#49	7	Back	38000	2595	23.66	0.16	24.0	0.132	1.081	1.008	0.144
	Band38/1RB#49 ENDC	5	Front	38150	2610	21.21	0.00	21.5	0.117	1.069	1.008	0.126
	Band38/1RB#49 ENDC	5	Back	38150	2610	21.21	-0.01	21.5	0.179	1.069	1.008	0.193
	Band38/50%RB#24	3	Front	38150	2610	22.59	0.01	23.0	0.324	1.099	1.008	0.359
	Band38/50%RB#24	3	Back	38150	2610	22.59	-0.09	23.0	0.337	1.099	1.008	0.373
	Band38/50%RB#24	7	Front	38150	2610	22.59	0.02	23.0	0.078	1.099	1.008	0.086
	Band38/50%RB#24	7	Back	38150	2610	22.59	-0.11	23.0	0.124	1.099	1.008	0.137
	Band38/50%RB#49 ENDC	5	Front	38150	2610	20.05	0.12	20.5	0.098	1.109	1.008	0.110
	Band38/50%RB#49 ENDC	5	Back	38150	2610	20.05	0.10	20.5	0.155	1.109	1.008	0.173
ANSI / IEEE C95.1 – SAFETY LIMIT Spatial Peak Uncontrolled Exposure/General Population						1.6 W/kg (mW/g) Averaged over 1g						

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

Plot No.	Band/Mode	ANT	Test Position	CH.	Freq. (MHz)	Ave. Power (dBm)	Power Drift (dB)	Tune-Up Limit (dBm)	Meas. SAR _{1g} (W/kg)	Scaling Factor	D.C Factor	Reported SAR _{1g} (W/kg)
	Band41/1RB#99	3	Front	41140	2645	24.25	-0.20	24.5	0.439	1.059	1.008	0.469
44	Band41/1RB#99	3	Back	41140	2645	24.25	-0.04	24.5	0.792	1.059	1.008	0.845
	Band41C/1RB#99	3	Back	41140+40942	2645+2625.2	23.79	-0.03	24.5	0.330	1.178	1.008	0.392
	Band41/1RB#99	3	Back	40140	2545	24.25	-0.04	24.5	0.742	1.059	1.008	0.792
	Band41/1RB#99	3	Back	40390	2570	24.25	-0.04	24.5	0.738	1.059	1.008	0.788
	Band41/1RB#99	3	Back	40640	2595	24.25	-0.04	24.5	0.746	1.059	1.008	0.796
	Band41/1RB#99	3	Back	40890	2620	24.25	-0.04	24.5	0.729	1.059	1.008	0.778
	Band41/1RB#99	7	Front	41140	2645	24.25	0.14	24.5	0.111	1.059	1.008	0.118
	Band41/1RB#99	7	Back	41140	2645	24.25	0.02	24.5	0.153	1.059	1.008	0.163
	Band41/1RB#99 ENDC	5	Front	41140	2645	21.70	-0.07	22.0	0.154	1.072	1.008	0.166
	Band41/1RB#99 ENDC	5	Back	41140	2645	21.70	0.12	22.0	0.224	1.072	1.008	0.242
	Band41/50%RB#0	3	Front	41140	2645	23.10	0.02	23.5	0.388	1.096	1.008	0.429
	Band41/50%RB#0	3	Back	41140	2645	23.10	-0.10	23.5	0.685	1.096	1.008	0.757
	Band41/50%RB#0	7	Front	41140	2645	23.10	0.04	23.5	0.092	1.096	1.008	0.102
	Band41/50%RB#0	7	Back	41140	2645	23.10	0.07	23.5	0.138	1.096	1.008	0.152
	Band41/50%RB#24 ENDC	5	Front	41140	2645	21.70	0.01	22.0	0.126	1.072	1.008	0.136
	Band41/50%RB#24 ENDC	5	Back	41140	2645	21.70	-0.05	22.0	0.199	1.072	1.008	0.215
ANSI / IEEE C95.1 – SAFETY LIMIT Spatial Peak Uncontrolled Exposure/General Population						1.6 W/kg (mW/g) Averaged over 1g						

➤ TDD-LTE Band 42(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)
	Band42/1RB#49	0	Front	42190	3460	22.87	-0.05	23.5	0.035	1.156	1.008	0.041
	Band42/1RB#49	0	Back	42190	3460	22.87	0.00	23.5	0.059	1.156	1.008	0.069
	Band42/1RB#49	6	Front	42190	3460	22.87	-0.19	23.5	0.019	1.156	1.008	0.022
	Band42/1RB#49	6	Back	42190	3460	22.87	0.00	23.5	0.034	1.156	1.008	0.040
	Band42/1RB#49	7	Front	42190	3460	22.87	-0.16	23.5	0.077	1.156	1.008	0.090
45	Band42/1RB#49	7	Back	42190	3460	22.87	0.05	23.5	0.123	1.156	1.008	0.143
	Band42/1RB#49	8	Front	42190	3460	22.87	0.20	23.5	0.013	1.156	1.008	0.015
	Band42/1RB#49	8	Back	42190	3460	22.87	-0.03	23.5	0.024	1.156	1.008	0.027
	Band42/50%RB#24	0	Front	42190	3460	21.84	-0.13	22.0	0.029	1.038	1.008	0.030
	Band42/50%RB#24	0	Back	42190	3460	21.84	0.04	22.0	0.045	1.038	1.008	0.047
	Band42/50%RB#24	6	Front	42190	3460	21.84	0.06	22.0	0.016	1.038	1.008	0.017
	Band42/50%RB#24	6	Back	42190	3460	21.84	-0.12	22.0	0.031	1.038	1.008	0.032
	Band42/50%RB#24	7	Front	42190	3460	21.84	0.19	22.0	0.062	1.038	1.008	0.065
	Band42/50%RB#24	7	Back	42190	3460	21.84	0.13	22.0	0.105	1.038	1.008	0.110
	Band42/50%RB#24	8	Front	42190	3460	21.84	-0.04	22.0	0.011	1.038	1.008	0.012
	Band42/50%RB#24	8	Back	42190	3460	21.84	-0.09	22.0	0.019	1.038	1.008	0.020
ANSI / IEEE C95.1 – SAFETY LIMIT Spatial Peak Uncontrolled Exposure/General Population						1.6 W/kg (mW/g) Averaged over 1g						

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

Plot No.	Band/Mode	ANT	Test Position	CH.	Freq. (MHz)	Ave. Power (dBm)	Power Drift (dB)	Tune-Up Limit (dBm)	Meas. SAR _{1g} (W/kg)	Scaling Factor	Reported SAR _{1g} (W/kg)
	Band66/1RB#99	3	Front	132322	1745	23.87	-0.09	24.0	0.426	1.030	0.439
46	Band66/1RB#99	3	Back	132322	1745	23.87	-0.02	24.0	0.736	1.030	0.758
	Band66C/1RB#99	3	Back	132323+132521	1745.10+1764.9	23.52	-0.18	24.0	0.715	1.117	0.799
	Band66/1RB#99	7	Front	132322	1745	23.87	0.05	24.0	0.092	1.030	0.095
	Band66/1RB#99	7	Back	132322	1745	23.87	-0.10	24.0	0.141	1.030	0.145
	Band66/1RB#99 ENDC	5	Front	132322	1745	20.40	0.20	21.0	0.135	1.148	0.155
	Band66/1RB#99 ENDC	5	Back	132322	1745	20.40	-0.02	21.0	0.229	1.148	0.263
	Band66/50%RB#0	3	Front	132322	1745	22.77	0.18	23.0	0.359	1.054	0.378
	Band66/50%RB#0	3	Back	132322	1745	22.77	0.08	23.0	0.668	1.054	0.704
	Band66/50%RB#0	7	Front	132322	1745	22.77	-0.03	23.0	0.071	1.054	0.075
	Band66/50%RB#0	7	Back	132322	1745	22.77	-0.18	23.0	0.118	1.054	0.124
	Band66/50%RB#24 ENDC	5	Front	132322	1745	19.40	-0.13	20.0	0.112	1.148	0.129
	Band66/50%RB#24 ENDC	5	Back	132322	1745	19.40	-0.05	20.0	0.183	1.148	0.210
ANSI / IEEE C95.1 – SAFETY LIMIT Spatial Peak Uncontrolled Exposure/General Population						1.6 W/kg (mW/g) Averaged over 1g					

➤ NR n5(20MHz) DFT-BPSK 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)
	NR n5 /1@49	2	Front	167800	839	23.90	0.19	24.0	0.180	1.023	0.184
	NR n5 /1@49	2	Back	167800	839	23.90	0.04	24.0	0.231	1.023	0.236
	NR n5 /1@49	4	Front	167800	839	23.90	0.11	24.0	0.260	1.023	0.266
47	NR n5 /1@49	4	Back	167800	839	23.90	-0.19	24.0	0.553	1.023	0.566
	NR n5 /25@12	2	Front	167300	836.5	24.15	-0.05	24.5	0.210	1.084	0.228
	NR n5 /25@12	2	Back	167300	836.5	24.15	0.02	24.5	0.257	1.084	0.279
	NR n5 /25@12	4	Front	167300	836.5	24.15	0.05	24.5	0.235	1.084	0.255
	NR n5 /25@12	4	Back	167300	836.5	24.15	-0.10	24.5	0.515	1.084	0.558
ANSI / IEEE C95.1 – SAFETY LIMIT Spatial Peak Uncontrolled Exposure/General Population						1.6 W/kg (mW/g) Averaged over 1g					

➤ NR n7(20MHz) DFT-BPSK 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)
	NR n7 /1@49	3	Front	512000	2560	22.71	-0.07	23.0	0.055	1.069	0.059
	NR n7 /1@49	3	Back	512000	2560	22.71	-0.04	23.0	0.097	1.069	0.103
	NR n7 /1@49	7	Front	512000	2560	22.71	0.05	23.0	0.083	1.069	0.089
	NR n7 /1@49	7	Back	512000	2560	22.71	0.04	23.0	0.150	1.069	0.160
	NR n7 /1@49	5	Front	502000	2510	20.14	0.14	20.5	0.015	1.086	0.016
	NR n7 /1@49	5	Back	502000	2510	20.14	-0.15	20.5	0.021	1.086	0.023
	NR n7 /25@12	3	Front	507000	2535	22.68	-0.05	23.0	0.049	1.076	0.053
	NR n7 /25@12	3	Back	507000	2535	22.68	0.06	23.0	0.094	1.076	0.101
	NR n7 /25@12	7	Front	507000	2535	22.68	-0.13	23.0	0.078	1.076	0.084
48	NR n7 /25@12	7	Back	507000	2535	22.68	-0.04	23.0	0.155	1.076	0.167
	NR n7 /25@12	5	Front	502000	2510	20.20	-0.11	20.5	0.011	1.072	0.012
	NR n7 /25@12	5	Back	502000	2510	20.20	-0.08	20.5	0.019	1.072	0.021
ANSI / IEEE C95.1 – SAFETY LIMIT Spatial Peak Uncontrolled Exposure/General Population						1.6 W/kg (mW/g) Averaged over 1g					

➤ NR n12(20MHz) DFT-BPSK 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)
	NR n12 /1@36	2	Front	141300	706.5	23.89	-0.11	24.0	0.109	1.026	0.112
	NR n12 /1@36	2	Back	141300	706.5	23.89	0.00	24.0	0.192	1.026	0.197
	NR n12 /1@36	4	Front	141300	706.5	23.89	-0.12	24.0	0.258	1.026	0.265
49	NR n12 /1@36	4	Back	141300	706.5	23.89	-0.07	24.0	0.410	1.026	0.421
	NR n12/18@9	2	Front	141300	706.5	23.87	-0.12	24.0	0.113	1.030	0.116
	NR n12/18@9	2	Back	141300	706.5	23.87	0.04	24.0	0.204	1.030	0.210
	NR n12/18@9	4	Front	141300	706.5	23.87	-0.04	24.0	0.196	1.030	0.202
	NR n12/18@9	4	Back	141300	706.5	23.87	-0.07	24.0	0.350	1.030	0.361
ANSI / IEEE C95.1 – SAFETY LIMIT Spatial Peak Uncontrolled Exposure/General Population						1.6 W/kg (mW/g) Averaged over 1g					

➤ NR n38(40MHz) DFT-BPSK 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)
	NR n38/1@104	3	Front	518000	2590	23.00	-0.15	23.5	0.318	1.122	1.008	0.360
	NR n38/1@104	3	Back	518000	2590	23.00	-0.06	23.5	0.511	1.122	1.008	0.578
	NR n38/1@104	7	Front	518000	2590	23.00	-0.15	23.5	0.029	1.122	1.008	0.033
	NR n38/1@104	7	Back	518000	2590	23.00	-0.11	23.5	0.066	1.122	1.008	0.075
	NR n38/50@25	3	Front	520000	2600	22.89	0.04	23.0	0.346	1.026	1.008	0.358
50	NR n38/50@25	3	Back	520000	2600	22.89	-0.08	23.0	0.551	1.026	1.008	0.570
	NR n38/50@25	7	Front	520000	2600	22.89	-0.09	23.0	0.034	1.026	1.008	0.035
	NR n38/50@25	7	Back	520000	2600	22.89	0.05	23.0	0.078	1.026	1.008	0.081
ANSI / IEEE C95.1 – SAFETY LIMIT Spatial Peak Uncontrolled Exposure/General Population						1.6 W/kg (mW/g) Averaged over 1g						

➤ NR n41(100MHz) DFT-BPSK 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)
	NR n41 /1@271	3	Front	528000	2640	23.21	0.06	23.5	0.225	1.069	1.008	0.242
	NR n41 /1@271	3	Back	528000	2640	23.21	0.08	23.5	0.375	1.069	1.008	0.404
	NR n41 /1@271	7	Front	528000	2640	23.21	-0.07	23.5	0.057	1.069	1.008	0.061
	NR n41 /1@271	7	Back	528000	2640	23.21	0.16	23.5	0.095	1.069	1.008	0.102
	NR n41 /135@67	3	Front	518598	2592.99	23.03	-0.16	23.5	0.262	1.114	1.008	0.294
51	NR n41 /135@67	3	Back	518598	2592.99	23.03	0.00	23.5	0.548	1.114	1.008	0.615
	NR n41 /135@67	7	Front	518598	2592.99	23.03	-0.02	23.5	0.067	1.114	1.008	0.075
	NR n41 /135@67	7	Back	518598	2592.99	23.03	-0.05	23.5	0.102	1.114	1.008	0.115
ANSI / IEEE C95.1 – SAFETY LIMIT Spatial Peak Uncontrolled Exposure/General Population						1.6 W/kg (mW/g) Averaged over 1g						

➤ NR n66(40MHz) DFT-BPSK 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)
	NR n66/1@104	3	Front	346000	1730	22.71	0.18	23.0	0.387	1.069	0.414
	NR n66/1@104	3	Back	346000	1730	22.71	-0.13	23.0	0.690	1.069	0.738
	NR n66/1@104	7	Front	346000	1730	22.71	-0.07	23.0	0.093	1.069	0.099
	NR n66/1@104	7	Back	346000	1730	22.71	0.01	23.0	0.125	1.069	0.134
	NSA NR n66/1@1	5	Front	346000	1730	20.17	0.16	20.5	0.055	1.079	0.059
	NSA NR n66/1@1	5	Back	346000	1730	20.17	-0.14	20.5	0.094	1.079	0.101
	NR n66/50@25	3	Front	349000	1745	22.61	0.16	23.0	0.424	1.094	0.464
52	NR n66/50@25	3	Back	349000	1745	22.61	0.00	23.0	0.700	1.094	0.766
	NR n66/50@25	7	Front	349000	1745	22.61	-0.17	23.0	0.102	1.094	0.112
	NR n66/50@25	7	Back	349000	1745	22.61	-0.08	23.0	0.146	1.094	0.160
	NSA NR n66/50@25	5	Front	346000	1730	20.19	0.05	20.5	0.067	1.074	0.072
	NSA NR n66/50@25	5	Back	346000	1730	20.19	0.19	20.5	0.101	1.074	0.108
ANSI / IEEE C95.1 – SAFETY LIMIT Spatial Peak Uncontrolled Exposure/General Population						1.6 W/kg (mW/g) Averaged over 1g					

➤ NR n71(20MHz) DFT-BPSK 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)
	NR n71/1@1	2	Front	137600	688	23.80	0.16	24.0	0.076	1.047	0.080
	NR n71/1@1	2	Back	137600	688	23.80	0.08	24.0	0.115	1.047	0.120
	NR n71/1@1	4	Front	137600	688	23.80	-0.14	24.0	0.104	1.047	0.109
	NR n71/1@1	4	Back	137600	688	23.80	-0.10	24.0	0.158	1.047	0.165
	NR n71/25@12	2	Front	136100	680.5	23.82	-0.17	24.0	0.056	1.042	0.058
	NR n71/25@12	2	Back	136100	680.5	23.82	0.13	24.0	0.096	1.042	0.100
	NR n71/25@12	4	Front	136100	680.5	23.82	-0.19	24.0	0.108	1.042	0.113
53	NR n71/25@12	4	Back	136100	680.5	23.82	-0.03	24.0	0.162	1.042	0.169
ANSI / IEEE C95.1 – SAFETY LIMIT						1.6 W/kg (mW/g)					
Spatial Peak						Averaged over 1g					
Uncontrolled Exposure/General Population											

➤ NR n77(3450MHz~3550MHz) (100MHz) DFT-BPSK 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)
	NR n77 /1@1	0	Front	633334	3500.01	27.65	0.01	28.0	0.038	1.084	1.008	0.042
	NR n77 /1@1	0	Back	633334	3500.01	27.65	0.00	28.0	0.056	1.084	1.008	0.061
	NR n77 /1@1	6	Front	633334	3500.01	27.65	-0.15	28.0	0.124	1.084	1.008	0.135
54	NR n77 /1@1	6	Back	633334	3500.01	27.65	0.07	28.0	0.196	1.084	1.008	0.214
	NR n77 /1@1	7	Front	633334	3500.01	27.65	0.01	28.0	0.077	1.084	1.008	0.084
	NR n77 /1@1	7	Back	633334	3500.01	27.65	-0.02	28.0	0.157	1.084	1.008	0.172
	NR n77 /1@1	8	Front	633334	3500.01	27.65	-0.20	28.0	0.089	1.084	1.008	0.097
	NR n77 /1@1	8	Back	633334	3500.01	27.65	-0.09	28.0	0.143	1.084	1.008	0.156
	NR n77 /135@67	0	Front	633334	3500.01	27.17	-0.15	28.0	0.032	1.211	1.008	0.039
	NR n77 /135@67	0	Back	633334	3500.01	27.17	-0.18	28.0	0.049	1.211	1.008	0.060
	NR n77 /135@67	6	Front	633334	3500.01	27.17	-0.17	28.0	0.103	1.211	1.008	0.126
	NR n77 /135@67	6	Back	633334	3500.01	27.17	-0.07	28.0	0.168	1.211	1.008	0.205
	NR n77 /135@67	7	Front	633334	3500.01	27.17	-0.07	28.0	0.065	1.211	1.008	0.079
	NR n77 /135@67	7	Back	633334	3500.01	27.17	0.03	28.0	0.139	1.211	1.008	0.170
	NR n77 /135@67	8	Front	633334	3500.01	27.17	0.13	28.0	0.077	1.211	1.008	0.094
	NR n77 /135@67	8	Back	633334	3500.01	27.17	0.14	28.0	0.126	1.211	1.008	0.154
ANSI / IEEE C95.1 – SAFETY LIMIT						1.6 W/kg (mW/g) Averaged over 1g						
Spatial Peak												
Uncontrolled Exposure/General Population												

➤ NR n77(3550MHz~3700MHz) (100MHz) DFT-BPSK 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)
	NR n77 /1@1	0	Front	643332	3649.98	27.55	0.17	28.0	0.042	1.109	1.008	0.047
	NR n77 /1@1	0	Back	643332	3649.98	27.55	0.00	28.0	0.071	1.109	1.008	0.079
	NR n77 /1@1	6	Front	643332	3649.98	27.55	0.16	28.0	0.093	1.109	1.008	0.104
	NR n77 /1@1	6	Back	643332	3649.98	27.55	-0.03	28.0	0.150	1.109	1.008	0.168
	NR n77 /1@1	7	Front	643332	3649.98	27.55	-0.12	28.0	0.113	1.109	1.008	0.126
55	NR n77 /1@1	7	Back	643332	3649.98	27.55	-0.07	28.0	0.171	1.109	1.008	0.191
	NR n77 /1@1	8	Front	643332	3649.98	27.55	0.18	28.0	0.038	1.109	1.008	0.042
	NR n77 /1@1	8	Back	643332	3649.98	27.55	-0.07	28.0	0.054	1.109	1.008	0.060
	NR n77 /135@67	0	Front	640000	3600	27.50	-0.03	28.0	0.035	1.122	1.008	0.040
	NR n77 /135@67	0	Back	640000	3600	27.50	-0.06	28.0	0.063	1.122	1.008	0.071
	NR n77 /135@67	6	Front	640000	3600	27.50	0.20	28.0	0.084	1.122	1.008	0.095
	NR n77 /135@67	6	Back	640000	3600	27.50	0.00	28.0	0.138	1.122	1.008	0.156
	NR n77 /135@67	7	Front	640000	3600	27.50	0.07	28.0	0.108	1.122	1.008	0.122
	NR n77 /135@67	7	Back	640000	3600	27.50	-0.05	28.0	0.155	1.122	1.008	0.175
	NR n77 /135@67	8	Front	640000	3600	27.50	0.10	28.0	0.029	1.122	1.008	0.033
	NR n77 /135@67	8	Back	640000	3600	27.50	0.11	28.0	0.043	1.122	1.008	0.049
ANSI / IEEE C95.1 – SAFETY LIMIT Spatial Peak Uncontrolled Exposure/General Population						1.6 W/kg (mW/g) Averaged over 1g						

➤ NR n77(3700MHz~3980MHz)(100MHz) DFT-BPSK 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)
	NR n77 /1@1	0	Front	650000	3750	27.60	-0.03	28.0	0.054	1.096	1.008	0.060
	NR n77 /1@1	0	Back	650000	3750	27.60	-0.04	28.0	0.088	1.096	1.008	0.097
	NR n77 /1@1	6	Front	650000	3750	27.60	0.00	28.0	0.063	1.096	1.008	0.070
	NR n77 /1@1	6	Back	650000	3750	27.60	-0.05	28.0	0.111	1.096	1.008	0.123
	NR n77 /1@1	7	Front	650000	3750	27.60	-0.08	28.0	0.088	1.096	1.008	0.097
56	NR n77 /1@1	7	Back	650000	3750	27.60	0.03	28.0	0.149	1.096	1.008	0.165
	NR n77 /1@1	8	Front	650000	3750	27.60	-0.01	28.0	0.037	1.096	1.008	0.041
	NR n77 /1@1	8	Back	650000	3750	27.60	0.00	28.0	0.054	1.096	1.008	0.060
	NR n77 /135@67	0	Front	650000	3750	27.68	0.04	28.0	0.047	1.076	1.008	0.051
	NR n77 /135@67	0	Back	650000	3750	27.68	0.05	28.0	0.076	1.076	1.008	0.082
	NR n77 /135@67	6	Front	650000	3750	27.68	0.09	28.0	0.052	1.076	1.008	0.056
	NR n77 /135@67	6	Back	650000	3750	27.68	0.20	28.0	0.103	1.076	1.008	0.112
	NR n77 /135@67	7	Front	650000	3750	27.68	-0.09	28.0	0.079	1.076	1.008	0.086
	NR n77 /135@67	7	Back	650000	3750	27.68	0.17	28.0	0.141	1.076	1.008	0.153
	NR n77 /135@67	8	Front	650000	3750	27.68	0.02	28.0	0.032	1.076	1.008	0.035
	NR n77 /135@67	8	Back	650000	3750	27.68	0.14	28.0	0.045	1.076	1.008	0.049
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	13	Front	11	2462	17.43	0.06	17.5	0.062	1.016	1.000	0.063
57	2.4GHz/802.11b	13	Back	11	2462	17.43	-0.04	17.5	0.280	1.016	1.000	0.284
	2.4GHz/802.11b	12	Front	6	2437	16.44	-0.12	16.5	0.022	1.014	1.000	0.022
	2.4GHz/802.11b	12	Back	6	2437	16.44	0.11	16.5	0.086	1.014	1.000	0.087
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	0	Front	40	5200	16.28	-0.09	16.5	0.100	1.052	1.000	0.105
58	5.2GHz/802.11a	0	Back	40	5200	16.28	-0.14	16.5	0.182	1.052	1.000	0.191
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	0	Front	60	5300	16.43	0.13	16.5	0.092	1.016	1.000	0.093
59	5.3GHz/802.11a	0	Back	60	5300	16.43	-0.04	16.5	0.142	1.016	1.000	0.144
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	0	Front	100	5500	16.10	0.18	16.5	0.086	1.096	1.000	0.094
60	5.6GHz/802.11a	0	Back	100	5500	16.10	0.14	16.5	0.138	1.096	1.000	0.151
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

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	0	Front	157	5785	17.11	-0.12	17.5	0.186	1.094	1.000	0.203
61	5.8GHz/802.11a	0	Back	157	5785	17.11	0.03	17.5	0.237	1.094	1.000	0.259
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	12	Front	0	2402	6.93	0.14	7.0	0.006	1.016	1.000	0.006
62	BT/GFSK	12	Back	0	2402	6.93	0.00	7.0	0.013	1.016	1.000	0.013
ANSI / IEEE C95.1 – SAFETY LIMIT Spatial Peak Uncontrolled Exposure/General Population						1.6 W/kg (mW/g) Averaged over 1g						

Note:

- 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.
- 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.
- Body-worn exposure conditions are intended to voice call operations, therefore GSM voice call is selected to be tested.
- 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.
- The WLAN SAR perform the front and back position, due considered the simultaneous SAR for body-worn.
- Per KDB 447498 D04v01, for each exposure position, if the highest output channel Reported SAR ≤ 0.8 W/kg, other channels SAR testing is not necessary.
- Per KDB 865664 D01v01r04, for each frequency band, repeated SAR measurement is required when the measured SAR is ≥ 0.8 W/kg.
- 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.
- According to KDB 865664 D02v01r02, SAR plot is required for the highest measured SAR in each exposure configuration, wireless mode and frequency band combination.
- Highlight part of test data means repeated test.
- *: Due the antenna location and antenna performance results the SAR value lower than the lowest system limit, then we show "<0.001 W/Kg" in the report.

15.3 Body SAR in Hotspot Mode

➤ GSM Body SAR in Hotspot mode

Plot No.	Band/Mode	ANT	Test Position	CH.	Freq. (MHz)	Ave. Power (dBm)	Power Drift (dB)	Tune-Up Limit (dBm)	Meas. SAR _{1g} (W/kg)	Scaling Factor	Reported SAR _{1g} (W/kg)
	GPRS850/2 slots	2	Front	251	848.8	32.08	-0.19	32.5	0.324	1.102	0.357
	GPRS850/2 slots	2	Back	251	848.8	32.08	-0.06	32.5	0.406	1.102	0.447
	GPRS850/2 slots	2	Right	251	848.8	32.08	-0.08	32.5	0.258	1.102	0.284
	GPRS850/2 slots	2	Bottom	251	848.8	32.08	0.05	32.5	0.273	1.102	0.301
	GPRS850/2 slots	4	Front	251	848.8	32.08	0.20	32.5	0.339	1.102	0.374
	GPRS850/2 slots	4	Back	251	848.8	32.08	-0.07	32.5	0.560	1.102	0.617
63	GPRS850/2 slots	4	Left	251	848.8	32.08	-0.14	32.5	0.795	1.102	0.876
	GPRS850/2 slots	4	Left	128	824.2	31.47	-0.12	32.5	0.306	1.268	0.388
	GPRS850/2 slots	4	Left	190	836.6	32.04	-0.16	32.5	0.506	1.112	0.563
	GPRS1900/4 slots	3	Front	810	1909.8	30.32	0.18	30.5	0.357	1.042	0.372
	GPRS1900/4 slots	3	Back	810	1909.8	30.32	-0.07	30.5	0.479	1.042	0.499
	GPRS1900/4 slots	3	Left	810	1909.8	30.32	-0.15	30.5	0.249	1.042	0.259
64	GPRS1900/4 slots	3	Bottom	810	1909.8	30.32	-0.08	30.5	0.615	1.042	0.641
	GPRS1900/4 slots	7	Front	810	1909.8	30.32	0.01	30.5	0.213	1.042	0.222
	GPRS1900/4 slots	7	Back	810	1909.8	30.32	0.00	30.5	0.370	1.042	0.386
	GPRS1900/4 slots	7	Left	810	1909.8	30.32	0.16	30.5	0.178	1.042	0.185
	GPRS1900/4 slots	7	Top	810	1909.8	30.32	-0.05	30.5	0.382	1.042	0.398
ANSI / IEEE C95.1 – SAFETY LIMIT						1.6 W/kg (mW/g)					
Spatial Peak						Averaged over 1g					
Uncontrolled Exposure/General Population											

➤ WCDMA Body SAR in Hotspot mode

Plot No.	Band/Mode	ANT	Test Position	CH.	Freq. (MHz)	Ave. Power (dBm)	Power Drift (dB)	Tune-Up Limit (dBm)	Meas. SAR _{1g} (W/kg)	Scaling Factor	Reported SAR _{1g} (W/kg)
	Band II/RMC	3	Front	9400	1880	23.96	0.12	24.5	0.453	1.132	0.513
	Band II/RMC	3	Back	9400	1880	23.96	-0.06	24.5	0.753	1.132	0.852
	Band II/RMC	3	Back	9262	1852.4	23.32	-0.06	24.5	0.642	1.312	0.842
	Band II/RMC	3	Back	9538	1907.6	23.80	-0.06	24.5	0.698	1.175	0.820
	Band II/RMC	3	Left	9400	1880	23.96	0.00	24.5	0.348	1.132	0.394
65	Band II/RMC	3	Bottom	9400	1880	23.96	0.19	24.5	0.887	1.132	1.004
	Band II/RMC	3	Bottom	9262	1852.4	23.32	0.18	24.5	0.866	1.312	1.136
	Band II/RMC	3	Bottom	9538	1907.6	23.80	0.17	24.5	0.827	1.175	0.972
	Band II/RMC	3	Bottom	9400	1880	23.96	-0.04	24.5	0.863	1.132	0.977
	Band II/RMC	7	Front	9400	1880	23.96	0.15	24.5	0.101	1.132	0.114
	Band II/RMC	7	Back	9400	1880	23.96	-0.08	24.5	0.152	1.132	0.172
	Band II/RMC	7	Left	9400	1880	23.96	-0.17	24.5	0.082	1.132	0.093
	Band II/RMC	7	Top	9400	1880	23.96	0.04	24.5	0.157	1.132	0.178
	Band IV/RMC	3	Front	1312	1712.4	23.82	0.17	24.0	0.421	1.042	0.439
	Band IV/RMC	3	Back	1312	1712.4	23.82	-0.04	24.0	0.656	1.042	0.684
	Band IV/RMC	3	Left	1312	1712.4	23.82	-0.10	24.0	0.289	1.042	0.301
66	Band IV/RMC	3	Bottom	1312	1712.4	23.82	0.17	24.0	0.732	1.042	0.763
	Band IV/RMC	7	Front	1312	1712.4	23.82	-0.01	24.0	0.067	1.042	0.070
	Band IV/RMC	7	Back	1312	1712.4	23.82	0.02	24.0	0.089	1.042	0.093
	Band IV/RMC	7	Left	1312	1712.4	23.82	0.01	24.0	0.023	1.042	0.024
	Band IV/RMC	7	Top	1312	1712.4	23.82	0.14	24.0	0.122	1.042	0.127
	Band V/RMC	2	Front	4132	826.4	24.18	0.20	24.5	0.165	1.076	0.178
	Band V/RMC	2	Back	4132	826.4	24.18	0.04	24.5	0.232	1.076	0.250
	Band V/RMC	2	Right	4132	826.4	24.18	-0.19	24.5	0.144	1.076	0.155
	Band V/RMC	2	Bottom	4132	826.4	24.18	0.01	24.5	0.127	1.076	0.137
	Band V/RMC	4	Front	4132	826.4	24.18	-0.10	24.5	0.258	1.076	0.278
	Band V/RMC	4	Back	4132	826.4	24.18	-0.11	24.5	0.487	1.076	0.524
67	Band V/RMC	4	Left	4132	826.4	24.18	0.12	24.5	0.724	1.076	0.779
ANSI / IEEE C95.1 – SAFETY LIMIT						1.6 W/kg (mW/g)					
Spatial Peak						Averaged over 1g					
Uncontrolled Exposure/General Population											

➤ FDD-LTE Band 2(20MHz) QPSK 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#99	3	Front	19100	1900	24.28	-0.20	24.5	0.108	1.052	0.114
	Band2/1RB#99	3	Back	19100	1900	24.28	-0.02	24.5	0.142	1.052	0.149
	Band2/1RB#99	3	Left	19100	1900	24.28	-0.07	24.5	0.075	1.052	0.079
	Band2/1RB#99	3	Bottom	19100	1900	24.28	0.06	24.5	0.179	1.052	0.188
	Band2/1RB#99	7	Front	19100	1900	24.28	0.10	24.5	0.096	1.052	0.101
	Band2/1RB#99	7	Back	19100	1900	24.28	-0.03	24.5	0.163	1.052	0.171
	Band2/1RB#99	7	Left	19100	1900	24.28	0.16	24.5	0.081	1.052	0.085
68	Band2/1RB#99	7	Top	19100	1900	24.28	-0.01	24.5	0.189	1.052	0.199
	Band2/1RB#99 ENDC	5	Front	19100	1900	21.09	-0.06	21.5	0.033	1.099	0.036
	Band2/1RB#99 ENDC	5	Back	19100	1900	21.09	-0.05	21.5	0.059	1.099	0.065
	Band2/1RB#99 ENDC	5	Left	19100	1900	21.09	-0.17	21.5	0.056	1.099	0.062
	Band2/1RB#99 ENDC	5	Top	19100	1900	21.09	0.11	21.5	0.024	1.099	0.026
	Band2/50%RB#0	3	Front	18900	1880	23.06	-0.14	23.5	0.096	1.107	0.106
	Band2/50%RB#0	3	Back	18900	1880	23.06	0.10	23.5	0.122	1.107	0.135
	Band2/50%RB#0	3	Left	18900	1880	23.06	-0.16	23.5	0.061	1.107	0.068
	Band2/50%RB#0	3	Bottom	18900	1880	23.06	0.02	23.5	0.152	1.107	0.168
	Band2/50%RB#0	7	Front	18900	1880	23.06	-0.05	23.5	0.088	1.107	0.097
	Band2/50%RB#0	7	Back	18900	1880	23.06	-0.12	23.5	0.149	1.107	0.165
	Band2/50%RB#0	7	Left	18900	1880	23.06	-0.20	23.5	0.075	1.107	0.083
	Band2/50%RB#0	7	Top	18900	1880	23.06	-0.15	23.5	0.174	1.107	0.193
	Band2/50%RB#0 ENDC	5	Front	19100	1900	19.90	-0.18	20.5	0.029	1.148	0.033
	Band2/50%RB#0 ENDC	5	Back	19100	1900	19.90	-0.05	20.5	0.051	1.148	0.059
	Band2/50%RB#0 ENDC	5	Left	19100	1900	19.90	0.09	20.5	0.046	1.148	0.053
	Band2/50%RB#0 ENDC	5	Top	19100	1900	19.90	0.18	20.5	0.022	1.148	0.025
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	3	Front	20300	1745	24.20	0.05	24.5	0.423	1.072	0.453
	Band4/1RB#49	3	Back	20300	1745	24.20	-0.06	24.5	0.727	1.072	0.779
	Band4/1RB#49	3	Left	20300	1745	24.20	-0.14	24.5	0.386	1.072	0.414
	Band4/1RB#49	3	Bottom	20300	1745	24.20	0.09	24.5	0.975	1.072	1.045
	Band4/1RB#0	3	Bottom	20050	1720	23.92	-0.13	24.5	0.870	1.143	0.994
69	Band4/1RB#99	3	Bottom	20175	1732.5	23.98	0.05	24.5	1.010	1.127	1.138
	Band4/1RB#99	3	Bottom	20175	1732.5	23.98	0.16	24.5	0.988	1.127	1.113
	Band4/1RB#49	7	Front	20300	1745	24.20	0.07	24.5	0.164	1.072	0.176
	Band4/1RB#49	7	Back	20300	1745	24.20	-0.09	24.5	0.225	1.072	0.241
	Band4/1RB#49	7	Left	20300	1745	24.20	0.15	24.5	0.122	1.072	0.131
	Band4/1RB#49	7	Top	20300	1745	24.20	-0.18	24.5	0.172	1.072	0.184
	Band4/1RB#99 ENDC	5	Front	20300	1745	20.81	-0.16	21.0	0.021	1.045	0.022
	Band4/1RB#99 ENDC	5	Back	20300	1745	20.81	-0.05	21.0	0.036	1.045	0.037
	Band4/1RB#99 ENDC	5	Left	20300	1745	20.81	0.18	21.0	0.043	1.045	0.045
	Band4/1RB#99 ENDC	5	Top	20300	1745	20.81	0.16	21.0	0.018	1.045	0.019
	Band4/50%RB#0	3	Front	20300	1745	23.04	-0.19	23.5	0.398	1.112	0.443
	Band4/50%RB#0	3	Back	20300	1745	23.04	-0.01	23.5	0.687	1.112	0.764
	Band4/50%RB#0	3	Left	20300	1745	23.04	0.12	23.5	0.345	1.112	0.384
	Band4/50%RB#0	3	Bottom	20300	1745	23.04	-0.05	23.5	0.789	1.112	0.877
	Band4/50%RB#49	3	Bottom	20050	1720	22.88	-0.03	23.5	0.841	1.153	0.970
	Band4/50%RB#0	3	Bottom	20175	1732.5	22.85	-0.05	23.5	0.846	1.161	0.982
	Band4/50%RB#0	7	Front	20300	1745	23.04	0.01	23.5	0.145	1.112	0.161
	Band4/50%RB#0	7	Back	20300	1745	23.04	-0.05	23.5	0.202	1.112	0.225
	Band4/50%RB#0	7	Left	20300	1745	23.04	-0.03	23.5	0.113	1.112	0.126
	Band4/50%RB#0	7	Top	20300	1745	23.04	-0.01	23.5	0.161	1.112	0.179
	Band4/50%RB#24 ENDC	5	Front	20300	1745	19.69	0.09	20.0	0.015	1.074	0.016
	Band4/50%RB#24 ENDC	5	Back	20300	1745	19.69	0.11	20.0	0.029	1.074	0.031
	Band4/50%RB#24 ENDC	5	Left	20300	1745	19.69	-0.18	20.0	0.041	1.074	0.044
	Band4/50%RB#24 ENDC	5	Top	20300	1745	19.69	0.16	20.0	0.011	1.074	0.012
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#49	2	Front	20600	844	24.67	-0.07	25.0	0.233	1.079	0.251
	Band5/1RB#49	2	Back	20600	844	24.67	0.01	25.0	0.286	1.079	0.309
	Band5/1RB#49	2	Right	20600	844	24.67	0.18	25.0	0.137	1.079	0.148
	Band5/1RB#49	2	Bottom	20600	844	24.67	0.07	25.0	0.133	1.079	0.144
	Band5/1RB#49	4	Front	20600	844	24.67	0.11	25.0	0.212	1.079	0.229
	Band5/1RB#49	4	Back	20600	844	24.67	-0.03	25.0	0.318	1.079	0.343
70	Band5/1RB#49	4	Left	20600	844	24.67	0.02	25.0	1.020	1.079	1.101
	Band5/1RB#49	4	Left	20600	844	24.67	0.02	25.0	0.998	1.079	1.077
	Band5/1RB#0	4	Left	20450	829	24.47	-0.06	25.0	0.912	1.130	1.031
	Band5/1RB#24	4	Left	20525	836.5	24.60	-0.01	25.0	0.951	1.096	1.042
	Band5/50%RB#0	2	Front	20600	844	23.59	0.14	24.0	0.215	1.099	0.236
	Band5/50%RB#0	2	Back	20600	844	23.59	0.06	24.0	0.264	1.099	0.290
	Band5/50%RB#0	2	Right	20600	844	23.59	0.11	24.0	0.128	1.099	0.141
	Band5/50%RB#0	2	Bottom	20600	844	23.59	-0.07	24.0	0.119	1.099	0.131
	Band5/50%RB#0	4	Front	20600	844	23.59	0.03	24.0	0.197	1.099	0.217
	Band5/50%RB#0	4	Back	20600	844	23.59	0.18	24.0	0.299	1.099	0.329
	Band5/50%RB#0	4	Left	20600	844	23.59	-0.01	24.0	0.895	1.099	0.984
	Band5/50%RB#0	4	Left	20450	829	23.58	0.12	24.0	0.821	1.102	0.905
	Band5/50%RB#0	4	Left	20525	836.5	23.55	-0.17	24.0	0.834	1.109	0.925
	Band5/100%RB#0	4	Left	20600	844	23.59	-0.20	24.0	0.720	1.099	0.791
ANSI / IEEE C95.1 – SAFETY LIMIT						1.6 W/kg (mW/g)					
Spatial Peak						Averaged over 1g					
Uncontrolled Exposure/General Population											

➤ 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)
40	Band7/1RB#99	3	Front	21350	2560	23.45	-0.10	24.0	0.538	1.135	0.611
	Band7/1RB#99	3	Back	21350	2560	23.45	0.00	24.0	1.010	1.135	1.146
	Band7C/1RB#99	3	Back	21350+21152	2560+2540.2	23.27	0.00	23.5	0.854	1.054	0.900
	Band7/1RB#99	3	Left	21350	2560	23.45	0.18	24.0	0.469	1.135	0.532
	Band7/1RB#99	3	Bottom	21350	2560	23.45	0.06	24.0	0.959	1.135	1.088
	Band7/1RB#99	3	Back	20850	2510	23.45	-0.02	24.0	0.816	1.135	0.926
	Band7/1RB#99	3	Back	21100	2535	23.45	-0.11	24.0	0.951	1.135	1.079
	Band7/1RB#99	3	Bottom	20850	2510	23.23	-0.09	24.0	0.788	1.194	0.941
	Band7/1RB#99	3	Bottom	21100	2535	23.45	0.11	24.0	0.898	1.135	1.019
	Band7/1RB#99	3	Back	21350	2560	23.45	0.02	24.0	0.977	1.135	1.109
	Band7/1RB#99	7	Front	21350	2560	23.45	0.00	24.0	0.078	1.135	0.089
	Band7/1RB#99	7	Back	21350	2560	23.45	0.08	24.0	0.120	1.135	0.136
	Band7/1RB#99	7	Left	21350	2560	23.45	0.07	24.0	0.052	1.135	0.059
	Band7/1RB#99	7	Top	21350	2560	23.45	0.12	24.0	0.159	1.135	0.180
	Band7/1RB#49 ENDC	5	Front	21100	2535	20.77	0.05	21.0	0.045	1.054	0.048
	Band7/1RB#49 ENDC	5	Back	21100	2535	20.77	0.08	21.0	0.096	1.054	0.101
	Band7/1RB#49 ENDC	5	Left	21100	2535	20.77	0.12	21.0	0.132	1.054	0.139
	Band7/1RB#49 ENDC	5	Top	21100	2535	20.77	0.04	21.0	0.040	1.054	0.042
	Band7/50%RB#24	3	Front	20850	2510	22.39	0.08	22.5	0.489	1.026	0.502
	Band7/50%RB#24	3	Back	20850	2510	22.39	0.03	22.5	0.892	1.026	0.915
	Band7/50%RB#24	3	Back	21100	2510	22.26	0.01	22.5	0.743	1.057	0.785
	Band7/50%RB#24	3	Back	21350	2510	22.31	-0.15	22.5	0.769	1.045	0.804
	Band7/50%RB#24	3	Left	20850	2510	22.39	0.18	22.5	0.423	1.026	0.434
	Band7/50%RB#24	3	Bottom	20850	2510	22.39	0.11	22.5	0.825	1.026	0.846
	Band7/50%RB#49	3	Bottom	21100	2510	22.26	0.04	22.5	0.769	1.057	0.813
	Band7/50%RB#49	3	Bottom	21350	2510	22.31	-0.11	22.5	0.733	1.045	0.766
	Band7/50%RB#24	7	Front	20850	2510	22.39	-0.14	22.5	0.069	1.026	0.071
	Band7/50%RB#24	7	Back	20850	2510	22.39	0.16	22.5	0.105	1.026	0.108
	Band7/50%RB#24	7	Left	20850	2510	22.39	0.10	22.5	0.046	1.026	0.047
	Band7/50%RB#24	7	Top	20850	2510	22.39	-0.06	22.5	0.147	1.026	0.151
	Band7/50%RB#49 ENDC	5	Front	21350	2560	19.75	-0.06	20.0	0.041	1.059	0.043
	Band7/50%RB#49 ENDC	5	Back	21350	2560	19.75	-0.09	20.0	0.088	1.059	0.093
	Band7/50%RB#49 ENDC	5	Left	21350	2560	19.75	-0.11	20.0	0.126	1.059	0.133
	Band7/50%RB#49 ENDC	5	Top	21350	2560	19.75	-0.16	20.0	0.033	1.059	0.035
	Band7/100%RB#0	3	Back	20850	2510	22.39	0.03	22.5	0.769	1.026	0.789
	Band7/100%RB#0	3	Bottom	20850	2510	22.39	0.11	22.5	0.753	1.026	0.773
ANSI / IEEE C95.1 – SAFETY LIMIT						1.6 W/kg (mW/g)					
Spatial Peak						Averaged over 1g					
Uncontrolled Exposure/General Population											

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

Plot No.	Band/Mode	ANT	Test Position	CH.	Freq. (MHz)	Ave. Power (dBm)	Power Drift (dB)	Tune-Up Limit (dBm)	Meas. SAR _{1g} (W/kg)	Scaling Factor	Reported SAR _{1g} (W/kg)
	Band12/1RB#49	2	Front	23060	704	24.45	0.04	24.5	0.164	1.012	0.166
	Band12/1RB#49	2	Back	23060	704	24.45	-0.07	24.5	0.228	1.012	0.231
	Band12/1RB#49	2	Right	23060	704	24.45	-0.02	24.5	0.157	1.012	0.159
	Band12/1RB#49	2	Bottom	23060	704	24.45	0.13	24.5	0.189	1.012	0.191
	Band12/1RB#49	4	Front	23060	704	24.45	0.06	24.5	0.313	1.012	0.317
	Band12/1RB#49	4	Back	23060	704	24.45	-0.03	24.5	0.495	1.012	0.501
71	Band12/1RB#49	4	Left	23060	704	24.45	0.00	24.5	0.719	1.012	0.728
	Band12/50%RB#0	2	Front	23130	711	23.43	-0.02	23.5	0.156	1.016	0.158
	Band12/50%RB#0	2	Back	23130	711	23.43	-0.15	23.5	0.208	1.016	0.211
	Band12/50%RB#0	2	Right	23130	711	23.43	0.15	23.5	0.132	1.016	0.134
	Band12/50%RB#0	2	Bottom	23130	711	23.43	-0.19	23.5	0.155	1.016	0.157
	Band12/50%RB#0	4	Front	23130	711	23.43	0.18	23.5	0.281	1.016	0.285
	Band12/50%RB#0	4	Back	23130	711	23.43	-0.08	23.5	0.424	1.016	0.431
	Band12/50%RB#0	4	Left	23130	711	23.43	0.19	23.5	0.658	1.016	0.669
ANSI / IEEE C95.1 – SAFETY LIMIT Spatial Peak Uncontrolled Exposure/General Population						1.6 W/kg (mW/g) Averaged over 1g					

➤ FDD-LTE Band 17(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)
	Band17/1RB#49	2	Front	23800	711	24.48	-0.13	24.5	0.166	1.005	0.167
	Band17/1RB#49	2	Back	23800	711	24.48	0.05	24.5	0.234	1.005	0.235
	Band17/1RB#49	2	Right	23800	711	24.48	0.01	24.5	0.157	1.005	0.158
	Band17/1RB#49	2	Bottom	23800	711	24.48	0.06	24.5	0.195	1.005	0.196
	Band17/1RB#49	4	Front	23800	711	24.48	0.15	24.5	0.326	1.005	0.328
	Band17/1RB#49	4	Back	23800	711	24.48	-0.08	24.5	0.565	1.005	0.568
72	Band17/1RB#49	4	Left	23800	711	24.48	-0.14	24.5	0.821	1.005	0.825
	Band17/1RB#24	4	Left	23780	709	24.38	-0.12	24.5	0.733	1.028	0.754
	Band17/1RB#49	4	Left	23790	710	24.37	-0.11	24.5	0.801	1.030	0.825
	Band17/1RB#49	4	Left	23800	711	24.48	0.02	24.5	0.815	1.005	0.819
	Band17/50%RB#0	2	Front	23800	711	23.47	-0.03	23.5	0.153	1.007	0.154
	Band17/50%RB#0	2	Back	23800	711	23.47	-0.08	23.5	0.218	1.007	0.220
	Band17/50%RB#0	2	Right	23800	711	23.47	-0.19	23.5	0.136	1.007	0.137
	Band17/50%RB#0	2	Bottom	23800	711	23.47	0.01	23.5	0.165	1.007	0.166
	Band17/50%RB#0	4	Front	23800	711	23.47	-0.16	23.5	0.299	1.007	0.301
	Band17/50%RB#0	4	Back	23800	711	23.47	0.16	23.5	0.487	1.007	0.490
	Band17/50%RB#0	4	Left	23800	711	23.47	-0.13	23.5	0.766	1.007	0.771
ANSI / IEEE C95.1 – SAFETY LIMIT Spatial Peak Uncontrolled Exposure/General Population						1.6 W/kg (mW/g) Averaged over 1g					

➤ TDD-LTE Band 38(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)
	Band38/1RB#49	3	Front	38000	2595	23.66	0.20	24.0	0.388	1.081	1.008	0.423
43	Band38/1RB#49	3	Back	38000	2595	23.66	-0.01	24.0	0.673	1.081	1.008	0.733
	Band38C/1RB#49	3	Back	37901+38099	2585.1+2604.9	23.57	0.02	24.0	0.365	1.104	1.008	0.406
	Band38/1RB#49	3	Left	38000	2595	23.66	0.01	24.0	0.259	1.081	1.008	0.282
	Band38/1RB#49	3	Bottom	38000	2595	23.66	0.09	24.0	0.546	1.081	1.008	0.595
	Band38/1RB#49	7	Front	38000	2595	23.66	0.12	24.0	0.084	1.081	1.008	0.092
	Band38/1RB#49	7	Back	38000	2595	23.66	0.16	24.0	0.132	1.081	1.008	0.144
	Band38/1RB#49	7	Left	38000	2595	23.66	0.06	24.0	0.061	1.081	1.008	0.066
	Band38/1RB#49	7	Top	38000	2595	23.66	-0.13	24.0	0.090	1.081	1.008	0.098
	Band38/1RB#49 ENDC	5	Front	38150	2610	21.21	0.00	21.5	0.117	1.069	1.008	0.126
	Band38/1RB#49 ENDC	5	Back	38150	2610	21.21	-0.01	21.5	0.179	1.069	1.008	0.193
	Band38/1RB#49 ENDC	5	Left	38150	2610	21.21	0.04	21.5	0.223	1.069	1.008	0.240
	Band38/1RB#49 ENDC	5	Top	38150	2610	21.21	-0.11	21.5	0.095	1.069	1.008	0.102
	Band38/50%RB#24	3	Front	38150	2610	22.59	0.01	23.0	0.324	1.099	1.008	0.359
	Band38/50%RB#24	3	Back	38150	2610	22.59	-0.09	23.0	0.337	1.099	1.008	0.373
	Band38/50%RB#24	3	Left	38150	2610	22.59	0.15	23.0	0.225	1.099	1.008	0.249
	Band38/50%RB#24	3	Bottom	38150	2610	22.59	-0.17	23.0	0.519	1.099	1.008	0.575
	Band38/50%RB#24	7	Front	38150	2610	22.59	0.02	23.0	0.078	1.099	1.008	0.086
	Band38/50%RB#24	7	Back	38150	2610	22.59	-0.11	23.0	0.124	1.099	1.008	0.137
	Band38/50%RB#24	7	Left	38150	2610	22.59	0.11	23.0	0.049	1.099	1.008	0.054
	Band38/50%RB#24	7	Top	38150	2610	22.59	0.12	23.0	0.083	1.099	1.008	0.092
	Band38/50%RB#49 ENDC	5	Front	38150	2610	20.05	0.12	20.5	0.098	1.109	1.008	0.110
	Band38/50%RB#49 ENDC	5	Back	38150	2610	20.05	0.10	20.5	0.155	1.109	1.008	0.173
	Band38/50%RB#49 ENDC	5	Left	38150	2610	20.05	0.17	20.5	0.206	1.109	1.008	0.230
	Band38/50%RB#49 ENDC	5	Top	38150	2610	20.05	0.12	20.5	0.082	1.109	1.008	0.092
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 ₁₀ (W/kg)	Scaling Factor	D.C Factor	Reported SAR ₁₀ (W/kg)
	Band41/1RB#99	3	Front	41140	2645	24.25	-0.20	24.5	0.439	1.059	1.008	0.469
44	Band41/1RB#99	3	Back	41140	2645	24.25	-0.04	24.5	0.792	1.059	1.008	0.845
	Band41C/1RB#99	3	Back	41140+40942	2645+2625.2	23.79	-0.03	24.5	0.330	1.178	1.008	0.392
	Band41/1RB#99	3	Left	41140	2645	24.25	0.07	24.5	0.256	1.059	1.008	0.273
	Band41/1RB#99	3	Bottom	41140	2645	24.25	0.02	24.5	0.549	1.059	1.008	0.586
	Band41/1RB#99	3	Back	40140	2545	24.25	-0.04	24.5	0.742	1.059	1.008	0.792
	Band41/1RB#99	3	Back	40390	2570	24.25	-0.04	24.5	0.738	1.059	1.008	0.788
	Band41/1RB#99	3	Back	40640	2595	24.25	-0.04	24.5	0.746	1.059	1.008	0.796
	Band41/1RB#99	3	Back	40890	2620	24.25	-0.04	24.5	0.729	1.059	1.008	0.778
	Band41/1RB#99	7	Front	41140	2645	24.25	0.14	24.5	0.111	1.059	1.008	0.118
	Band41/1RB#99	7	Back	41140	2645	24.25	0.02	24.5	0.153	1.059	1.008	0.163
	Band41/1RB#99	7	Left	41140	2645	24.25	0.04	24.5	0.073	1.059	1.008	0.078
	Band41/1RB#99	7	Top	41140	2645	24.25	-0.03	24.5	0.122	1.059	1.008	0.130
	Band41/1RB#99 ENDC	5	Front	41140	2645	21.70	-0.07	22.0	0.154	1.072	1.008	0.166
	Band41/1RB#99 ENDC	5	Back	41140	2645	21.70	0.12	22.0	0.224	1.072	1.008	0.242
	Band41/1RB#99 ENDC	5	Left	41140	2645	21.70	0.18	22.0	0.190	1.072	1.008	0.205
	Band41/1RB#99 ENDC	5	Top	41140	2645	21.70	-0.07	22.0	0.106	1.072	1.008	0.115
	Band41/50%RB#0	3	Front	41140	2645	23.10	0.02	23.5	0.388	1.096	1.008	0.429
	Band41/50%RB#0	3	Back	41140	2645	23.10	-0.10	23.5	0.685	1.096	1.008	0.757
	Band41/50%RB#0	3	Left	41140	2645	23.10	-0.11	23.5	0.214	1.096	1.008	0.236
	Band41/50%RB#0	3	Bottom	41140	2645	23.10	-0.03	23.5	0.479	1.096	1.008	0.529
	Band41/50%RB#0	7	Front	41140	2645	23.10	0.04	23.5	0.092	1.096	1.008	0.102
	Band41/50%RB#0	7	Back	41140	2645	23.10	0.07	23.5	0.138	1.096	1.008	0.152
	Band41/50%RB#0	7	Left	41140	2645	23.10	-0.06	23.5	0.062	1.096	1.008	0.068
	Band41/50%RB#0	7	Top	41140	2645	23.10	0.07	23.5	0.113	1.096	1.008	0.125
	Band41/50%RB#24 ENDC	5	Front	41140	2645	21.70	0.01	22.0	0.126	1.072	1.008	0.136
	Band41/50%RB#24 ENDC	5	Back	41140	2645	21.70	-0.05	22.0	0.199	1.072	1.008	0.215
	Band41/50%RB#24 ENDC	5	Left	41140	2645	21.70	-0.20	22.0	0.186	1.072	1.008	0.201
	Band41/50%RB#24 ENDC	5	Top	41140	2645	21.70	-0.04	22.0	0.085	1.072	1.008	0.092
ANSI / IEEE C95.1 – SAFETY LIMIT						1.6 W/kg (mW/g)						
Spatial Peak						Averaged over 1g						
Uncontrolled Exposure/General Population												

➤ TDD-LTE Band 42(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)
	Band42/1RB#49	0	Front	42190	3460	22.87	-0.05	23.5	0.035	1.156	1.008	0.041
	Band42/1RB#49	0	Back	42190	3460	22.87	0.00	23.5	0.059	1.156	1.008	0.069
	Band42/1RB#49	0	Right	42190	3460	22.87	-0.03	23.5	0.042	1.156	1.008	0.049
	Band42/1RB#49	0	Top	42190	3460	22.87	-0.13	23.5	0.021	1.156	1.008	0.024
	Band42/1RB#49	6	Front	42190	3460	22.87	-0.19	23.5	0.019	1.156	1.008	0.022
	Band42/1RB#49	6	Back	42190	3460	22.87	0.00	23.5	0.034	1.156	1.008	0.040
	Band42/1RB#49	6	Left	42190	3460	22.87	0.01	23.5	0.023	1.156	1.008	0.027
	Band42/1RB#49	6	Top	42190	3460	22.87	-0.13	23.5	0.014	1.156	1.008	0.016
	Band42/1RB#49	7	Front	42190	3460	22.87	-0.16	23.5	0.077	1.156	1.008	0.090
	Band42/1RB#49	7	Back	42190	3460	22.87	0.05	23.5	0.123	1.156	1.008	0.143
	Band42/1RB#49	7	Left	42190	3460	22.87	-0.19	23.5	0.056	1.156	1.008	0.065
73	Band42/1RB#49	7	Top	42190	3460	22.87	-0.08	23.5	0.165	1.156	1.008	0.192
	Band42/1RB#49	8	Front	42190	3460	22.87	0.20	23.5	0.013	1.156	1.008	0.015
	Band42/1RB#49	8	Back	42190	3460	22.87	-0.03	23.5	0.024	1.156	1.008	0.027
	Band42/1RB#49	8	Right	42190	3460	22.87	-0.16	23.5	0.009	1.156	1.008	0.010
	Band42/1RB#49	8	Top	42190	3460	22.87	-0.01	23.5	0.018	1.156	1.008	0.021
	Band42/50%RB#24	0	Front	42190	3460	21.84	-0.13	22.0	0.029	1.038	1.008	0.030
	Band42/50%RB#24	0	Back	42190	3460	21.84	0.04	22.0	0.045	1.038	1.008	0.047
	Band42/50%RB#24	0	Right	42190	3460	21.84	-0.08	22.0	0.033	1.038	1.008	0.035
	Band42/50%RB#24	0	Top	42190	3460	21.84	-0.06	22.0	0.018	1.038	1.008	0.019
	Band42/50%RB#24	6	Front	42190	3460	21.84	0.06	22.0	0.016	1.038	1.008	0.017
	Band42/50%RB#24	6	Back	42190	3460	21.84	-0.12	22.0	0.031	1.038	1.008	0.032
	Band42/50%RB#24	6	Left	42190	3460	21.84	-0.01	22.0	0.017	1.038	1.008	0.018
	Band42/50%RB#24	6	Top	42190	3460	21.84	0.05	22.0	0.011	1.038	1.008	0.012
	Band42/50%RB#24	7	Front	42190	3460	21.84	0.19	22.0	0.062	1.038	1.008	0.065
	Band42/50%RB#24	7	Back	42190	3460	21.84	0.13	22.0	0.105	1.038	1.008	0.110
	Band42/50%RB#24	7	Left	42190	3460	21.84	-0.03	22.0	0.052	1.038	1.008	0.054
	Band42/50%RB#24	7	Top	42190	3460	21.84	0.06	22.0	0.137	1.038	1.008	0.143
	Band42/50%RB#24	8	Front	42190	3460	21.84	-0.04	22.0	0.011	1.038	1.008	0.012
	Band42/50%RB#24	8	Back	42190	3460	21.84	-0.09	22.0	0.019	1.038	1.008	0.020
	Band42/50%RB#24	8	Right	42190	3460	21.84	0.15	22.0	0.007	1.038	1.008	0.007
	Band42/50%RB#24	8	Top	42190	3460	21.84	-0.19	22.0	0.015	1.038	1.008	0.016
ANSI / IEEE C95.1 – SAFETY LIMIT						1.6 W/kg (mW/g)						
Spatial Peak						Averaged over 1g						
Uncontrolled Exposure/General Population												

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

Plot No.	Band/Mode	ANT	Test Position	CH.	Freq. (MHz)	Ave. Power (dBm)	Power Drift (dB)	Tune-Up Limit (dBm)	Meas. SAR _{1g} (W/kg)	Scaling Factor	Reported SAR _{1g} (W/kg)
	Band66/1RB#99	3	Front	132322	1745	23.87	-0.09	24.0	0.426	1.030	0.439
	Band66/1RB#99	3	Back	132322	1745	23.87	-0.02	24.0	0.736	1.030	0.758
	Band66C/1RB#99	3	Back	132323+132521	1745.10+1764.9	23.52	-0.18	24.0	0.715	1.117	0.799
	Band66/1RB#99	3	Left	132322	1745	23.87	-0.06	24.0	0.358	1.030	0.369
	Band66/1RB#99	3	Bottom	132322	1745	23.87	0.05	24.0	0.947	1.030	0.975
	Band66/1RB#0	3	Bottom	132072	1720	23.79	0.01	24.0	0.862	1.050	0.905
74	Band66/1RB#99	3	Bottom	132572	1770	23.44	0.07	24.0	1.010	1.138	1.149
	Band66C/1RB#99	3	Bottom	132323+132521	1745.10+1764.9	23.52	-0.12	24.0	0.936	1.117	1.046
	Band66/1RB#99	3	Bottom	132572	1770	23.44	0.07	24.0	0.995	1.138	1.132
	Band66/1RB#99	7	Front	132322	1745	23.87	0.05	24.0	0.092	1.030	0.095
	Band66/1RB#99	7	Back	132322	1745	23.87	-0.10	24.0	0.141	1.030	0.145
	Band66/1RB#99	7	Left	132322	1745	23.87	0.15	24.0	0.064	1.030	0.066
	Band66/1RB#99	7	Top	132322	1745	23.87	-0.13	24.0	0.131	1.030	0.135
	Band66/1RB#99 ENDC	5	Front	132322	1745	20.40	0.20	21.0	0.135	1.148	0.155
	Band66/1RB#99 ENDC	5	Back	132322	1745	20.40	-0.02	21.0	0.229	1.148	0.263
	Band66/1RB#99 ENDC	5	Left	132322	1745	20.40	-0.08	21.0	0.233	1.148	0.267
	Band66/1RB#99 ENDC	5	Top	132322	1745	20.40	0.05	21.0	0.116	1.148	0.133
	Band66/50%RB#0	3	Front	132322	1745	22.77	0.18	23.0	0.359	1.054	0.378
	Band66/50%RB#0	3	Back	132322	1745	22.77	0.08	23.0	0.668	1.054	0.704
	Band66/50%RB#0	3	Left	132322	1745	22.77	0.09	23.0	0.283	1.054	0.298
	Band66/50%RB#0	3	Bottom	132322	1745	22.77	0.18	23.0	0.836	1.054	0.881
	Band66/50%RB#0	3	Bottom	132072	1720	22.69	0.18	23.0	0.759	1.074	0.815
	Band66/50%RB#0	3	Bottom	132572	1770	22.52	0.18	23.0	0.889	1.117	0.993
	Band66/50%RB#0	7	Front	132322	1745	22.77	-0.03	23.0	0.071	1.054	0.075
	Band66/50%RB#0	7	Back	132322	1745	22.77	-0.18	23.0	0.118	1.054	0.124
	Band66/50%RB#0	7	Left	132322	1745	22.77	-0.07	23.0	0.049	1.054	0.052
	Band66/50%RB#0	7	Top	132322	1745	22.77	0.01	23.0	0.107	1.054	0.113
	Band66/50%RB#24 ENDC	5	Front	132322	1745	19.40	-0.13	20.0	0.112	1.148	0.129
	Band66/50%RB#24 ENDC	5	Back	132322	1745	19.40	-0.05	20.0	0.183	1.148	0.210
	Band66/50%RB#24 ENDC	5	Left	132322	1745	19.40	0.15	20.0	0.195	1.148	0.224
	Band66/50%RB#24 ENDC	5	Top	132322	1745	19.40	0.11	20.0	0.094	1.148	0.108
	Band66/100%RB#0	3	Bottom	132322	1745	22.82	0.18	23.0	0.753	1.042	0.785
ANSI / IEEE C95.1 – SAFETY LIMIT Spatial Peak Uncontrolled Exposure/General Population						1.6 W/kg (mW/g) Averaged over 1g					

➤ NR n5(20MHz) DFT-BPSK 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)
	NR n5 /1@49	2	Front	167800	839	23.90	0.19	24.0	0.180	1.023	0.184
	NR n5 /1@49	2	Back	167800	839	23.90	0.04	24.0	0.231	1.023	0.236
	NR n5 /1@49	2	Right	167800	839	23.90	0.02	24.0	0.123	1.023	0.126
	NR n5 /1@49	2	Bottom	167800	839	23.90	-0.02	24.0	0.140	1.023	0.143
	NR n5 /1@49	4	Front	167800	839	23.90	0.11	24.0	0.260	1.023	0.266
	NR n5 /1@49	4	Back	167800	839	23.90	-0.19	24.0	0.553	1.023	0.566
75	NR n5 /1@49	4	Left	167800	839	23.90	-0.09	24.0	1.060	1.023	1.084
	NR n5 /1@49	4	Left	167800	839	23.90	0.01	24.0	1.020	1.023	1.043
	NR n5 /1@49	4	Left	166800	834	23.90	-0.08	24.0	0.885	1.023	0.905
	NR n5 /1@49	4	Left	167300	836.5	23.90	-0.04	24.0	0.985	1.023	1.008
	NR n5 /25@12	2	Front	167300	836.5	24.15	-0.05	24.5	0.210	1.084	0.228
	NR n5 /25@12	2	Back	167300	836.5	24.15	0.02	24.5	0.257	1.084	0.279
	NR n5 /25@12	2	Right	167300	836.5	24.15	0.06	24.5	0.140	1.084	0.152
	NR n5 /25@12	2	Bottom	167300	836.5	24.15	-0.07	24.5	0.156	1.084	0.169
	NR n5 /25@12	4	Front	167300	836.5	24.15	0.05	24.5	0.235	1.084	0.255
	NR n5 /25@12	4	Back	167300	836.5	24.15	-0.10	24.5	0.515	1.084	0.558
	NR n5 /25@12	4	Left	167300	836.5	24.15	-0.06	24.5	0.967	1.084	1.048
	NR n5 /25@12	4	Left	166800	834	24.02	-0.10	24.5	0.848	1.117	0.947
	NR n5 /25@12	4	Left	167800	839	24.11	-0.10	24.5	0.917	1.094	1.003
ANSI / IEEE C95.1 – SAFETY LIMIT Spatial Peak Uncontrolled Exposure/General Population						1.6 W/kg (mW/g) Averaged over 1g					

➤ NR n7(20MHz) DFT-BPSK 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)
	NR n7 /1@49	3	Front	512000	2560	22.71	-0.07	23.0	0.055	1.069	0.059
	NR n7 /1@49	3	Back	512000	2560	22.71	-0.04	23.0	0.097	1.069	0.103
	NR n7 /1@49	3	Left	512000	2560	22.71	0.08	23.0	0.042	1.069	0.045
	NR n7 /1@49	3	Bottom	512000	2560	22.71	0.17	23.0	0.096	1.069	0.103
	NR n7 /1@49	7	Front	512000	2560	22.71	0.05	23.0	0.083	1.069	0.089
	NR n7 /1@49	7	Back	512000	2560	22.71	0.04	23.0	0.150	1.069	0.160
	NR n7 /1@49	7	Left	512000	2560	22.71	0.20	23.0	0.061	1.069	0.065
76	NR n7 /1@49	7	Top	512000	2560	22.71	-0.14	23.0	0.160	1.069	0.171
	NR n7 /1@49	5	Front	502000	2510	20.14	0.14	20.5	0.015	1.086	0.016
	NR n7 /1@49	5	Back	502000	2510	20.14	-0.15	20.5	0.021	1.086	0.023
	NR n7 /1@49	5	Left	502000	2510	20.14	0.18	20.5	0.032	1.086	0.035
	NR n7 /1@49	5	Top	502000	2510	20.14	-0.09	20.5	0.013	1.086	0.014
	NR n7 /25@12	3	Front	507000	2535	22.68	-0.05	23.0	0.049	1.076	0.053
	NR n7 /25@12	3	Back	507000	2535	22.68	0.06	23.0	0.094	1.076	0.101
	NR n7 /25@12	3	Left	507000	2535	22.68	-0.16	23.0	0.038	1.076	0.041
	NR n7 /25@12	3	Bottom	507000	2535	22.68	-0.20	23.0	0.091	1.076	0.098
	NR n7 /25@12	7	Front	507000	2535	22.68	-0.13	23.0	0.078	1.076	0.084
	NR n7 /25@12	7	Back	507000	2535	22.68	-0.04	23.0	0.155	1.076	0.167
	NR n7 /25@12	7	Left	507000	2535	22.68	-0.20	23.0	0.054	1.076	0.058
	NR n7 /25@12	7	Top	507000	2535	22.68	0.08	23.0	0.158	1.076	0.170
	NR n7 /25@12	5	Front	502000	2510	20.20	-0.11	20.5	0.011	1.072	0.012
	NR n7 /25@12	5	Back	502000	2510	20.20	-0.08	20.5	0.019	1.072	0.021
	NR n7 /25@12	5	Left	502000	2510	20.20	0.05	20.5	0.028	1.072	0.030
	NR n7 /25@12	5	Top	502000	2510	20.20	-0.19	20.5	0.009	1.072	0.010
ANSI / IEEE C95.1 – SAFETY LIMIT Spatial Peak Uncontrolled Exposure/General Population						1.6 W/kg (mW/g) Averaged over 1g					

➤ NR n12(15MHz) DFT-BPSK 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)
	NR n12 /1@36	2	Front	141300	706.5	23.89	-0.11	24.0	0.109	1.026	0.112
	NR n12 /1@36	2	Back	141300	706.5	23.89	0.00	24.0	0.192	1.026	0.197
	NR n12 /1@36	2	Right	141300	706.5	23.89	-0.15	24.0	0.134	1.026	0.137
	NR n12 /1@36	2	Bottom	141300	706.5	23.89	-0.11	24.0	0.142	1.026	0.146
	NR n12 /1@36	4	Front	141300	706.5	23.89	-0.12	24.0	0.258	1.026	0.265
	NR n12 /1@36	4	Back	141300	706.5	23.89	-0.07	24.0	0.410	1.026	0.421
77	NR n12 /1@36	4	Left	141300	706.5	23.89	-0.08	24.0	0.546	1.026	0.560
	NR n12/18@9	2	Front	141300	706.5	23.87	-0.12	24.0	0.113	1.030	0.116
	NR n12/18@9	2	Back	141300	706.5	23.87	0.04	24.0	0.204	1.030	0.210
	NR n12/18@9	2	Right	141300	706.5	23.87	-0.16	24.0	0.135	1.030	0.139
	NR n12/18@9	2	Bottom	141300	706.5	23.87	-0.01	24.0	0.156	1.030	0.161
	NR n12/18@9	4	Front	141300	706.5	23.87	-0.04	24.0	0.196	1.030	0.202
	NR n12/18@9	4	Back	141300	706.5	23.87	-0.07	24.0	0.350	1.030	0.361
	NR n12/18@9	4	Left	141300	706.5	23.87	-0.08	24.0	0.473	1.030	0.487
ANSI / IEEE C95.1 – SAFETY LIMIT Spatial Peak Uncontrolled Exposure/General Population						1.6 W/kg (mW/g) Averaged over 1g					

➤ NR n38(40MHz) DFT-BPSK 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)
	NR n38/1@104	3	Front	518000	2590	23.00	-0.15	23.5	0.318	1.122	1.008	0.360
	NR n38/1@104	3	Back	518000	2590	23.00	-0.06	23.5	0.511	1.122	1.008	0.578
	NR n38/1@104	3	Left	518000	2590	23.00	0.09	23.5	0.247	1.122	1.008	0.279
	NR n38/1@104	3	Bottom	518000	2590	23.00	-0.02	23.5	0.345	1.122	1.008	0.390
	NR n38/1@104	7	Front	518000	2590	23.00	-0.15	23.5	0.029	1.122	1.008	0.033
	NR n38/1@104	7	Back	518000	2590	23.00	-0.11	23.5	0.066	1.122	1.008	0.075
	NR n38/1@104	7	Left	518000	2590	23.00	-0.20	23.5	0.018	1.122	1.008	0.020
	NR n38/1@104	7	Top	518000	2590	23.00	-0.04	23.5	0.052	1.122	1.008	0.059
	NR n38/50@25	3	Front	520000	2600	22.89	0.04	23.0	0.346	1.026	1.008	0.358
50	NR n38/50@25	3	Back	520000	2600	22.89	-0.08	23.0	0.551	1.026	1.008	0.570
	NR n38/50@25	3	Left	520000	2600	22.89	-0.05	23.0	0.263	1.026	1.008	0.272
	NR n38/50@25	3	Bottom	520000	2600	22.89	-0.07	23.0	0.395	1.026	1.008	0.409
	NR n38/50@25	7	Front	520000	2600	22.89	-0.09	23.0	0.034	1.026	1.008	0.035
	NR n38/50@25	7	Back	520000	2600	22.89	0.05	23.0	0.078	1.026	1.008	0.081
	NR n38/50@25	7	Left	520000	2600	22.89	0.11	23.0	0.026	1.026	1.008	0.027
	NR n38/50@25	7	Top	520000	2600	22.89	0.04	23.0	0.062	1.026	1.008	0.064
ANSI / IEEE C95.1 – SAFETY LIMIT Spatial Peak Uncontrolled Exposure/General Population						1.6 W/kg (mW/g) Averaged over 1g						

➤ NR n41(100MHz) DFT-BPSK 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)
	NR n41 /1@271	3	Front	528000	2640	23.21	0.06	23.5	0.225	1.069	1.008	0.242
	NR n41 /1@271	3	Back	528000	2640	23.21	0.08	23.5	0.375	1.069	1.008	0.404
	NR n41 /1@271	3	Left	528000	2640	23.21	0.03	23.5	0.184	1.069	1.008	0.198
	NR n41 /1@271	3	Bottom	528000	2640	23.21	0.13	23.5	0.323	1.069	1.008	0.348
	NR n41 /1@271	7	Front	528000	2640	23.21	-0.07	23.5	0.057	1.069	1.008	0.061
	NR n41 /1@271	7	Back	528000	2640	23.21	0.16	23.5	0.095	1.069	1.008	0.102
	NR n41 /1@271	7	Left	528000	2640	23.21	0.13	23.5	0.042	1.069	1.008	0.045
	NR n41 /1@271	7	Top	528000	2640	23.21	-0.17	23.5	0.063	1.069	1.008	0.068
	NR n41 /135@67	3	Front	518598	2592.99	23.03	-0.16	23.5	0.262	1.114	1.008	0.294
51	NR n41 /135@67	3	Back	518598	2592.99	23.03	0.00	23.5	0.548	1.114	1.008	0.615
	NR n41 /135@67	3	Left	518598	2592.99	23.03	-0.15	23.5	0.213	1.114	1.008	0.239
	NR n41 /135@67	3	Bottom	518598	2592.99	23.03	-0.10	23.5	0.389	1.114	1.008	0.437
	NR n41 /135@67	7	Front	518598	2592.99	23.03	-0.02	23.5	0.067	1.114	1.008	0.075
	NR n41 /135@67	7	Back	518598	2592.99	23.03	-0.05	23.5	0.102	1.114	1.008	0.115
	NR n41 /135@67	7	Left	518598	2592.99	23.03	0.13	23.5	0.051	1.114	1.008	0.057
	NR n41 /135@67	7	Top	518598	2592.99	23.03	0.12	23.5	0.077	1.114	1.008	0.086
ANSI / IEEE C95.1 – SAFETY LIMIT Spatial Peak Uncontrolled Exposure/General Population						1.6 W/kg (mW/g) Averaged over 1g						

➤ NR n66(40MHz) DFT-BPSK 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)
	NR n66/1@104	3	Front	346000	1730	22.71	0.18	23.0	0.387	1.069	0.414
	NR n66/1@104	3	Back	346000	1730	22.71	-0.13	23.0	0.690	1.069	0.738
	NR n66/1@104	3	Left	346000	1730	22.71	-0.01	23.0	0.362	1.069	0.387
	NR n66/1@104	3	Bottom	346000	1730	22.71	0.10	23.0	0.821	1.069	0.878
	NR n66/1@104	3	Bottom	349000	1745	22.55	0.10	23.0	0.823	1.109	0.913
	NR n66/1@104	3	Bottom	352000	1760	22.70	-0.04	23.0	0.828	1.072	0.888
	NR n66/1@104	7	Front	346000	1730	22.71	-0.07	23.0	0.093	1.069	0.099
	NR n66/1@104	7	Back	346000	1730	22.71	0.01	23.0	0.125	1.069	0.134
	NR n66/1@104	7	Left	346000	1730	22.71	-0.15	23.0	0.068	1.069	0.073
	NR n66/1@104	7	Top	346000	1730	22.71	0.13	23.0	0.132	1.069	0.141
	NSA NR n66/1@1	5	Front	346000	1730	20.17	0.16	20.5	0.055	1.079	0.059
	NSA NR n66/1@1	5	Back	346000	1730	20.17	-0.14	20.5	0.094	1.079	0.101
	NSA NR n66/1@1	5	Left	346000	1730	20.17	0.06	20.5	0.128	1.079	0.138
	NSA NR n66/1@1	5	Top	346000	1730	20.17	0.02	20.5	0.041	1.079	0.044
	NR n66/50@25	3	Front	349000	1745	22.61	0.16	23.0	0.424	1.094	0.464
	NR n66/50@25	3	Back	349000	1745	22.61	0.00	23.0	0.700	1.094	0.766
	NR n66/50@25	3	Left	349000	1745	22.61	0.03	23.0	0.397	1.094	0.434
	NR n66/50@25	3	Bottom	349000	1745	22.61	-0.03	23.0	0.806	1.094	0.882
	NR n66/50@25	3	Bottom	346000	1730	22.55	0.07	23.0	0.851	1.109	0.944
78	NR n66/50@25	3	Bottom	352000	1760	22.55	-0.02	23.0	0.856	1.109	0.949
	NR n66/50@25	3	Bottom	352000	1760	22.55	0.11	23.0	0.836	1.109	0.927
	NR n66/50@25	7	Front	349000	1745	22.61	-0.17	23.0	0.102	1.094	0.112
	NR n66/50@25	7	Back	349000	1745	22.61	-0.08	23.0	0.146	1.094	0.160
	NR n66/50@25	7	Left	349000	1745	22.61	0.11	23.0	0.075	1.094	0.082
	NR n66/50@25	7	Top	349000	1745	22.61	0.11	23.0	0.154	1.094	0.168
	NSA NR n66/50@25	5	Front	346000	1730	20.19	0.05	20.5	0.067	1.074	0.072
	NSA NR n66/50@25	5	Back	346000	1730	20.19	0.19	20.5	0.101	1.074	0.108
	NSA NR n66/50@25	5	Left	346000	1730	20.19	0.08	20.5	0.137	1.074	0.147
	NSA NR n66/50@25	5	Top	346000	1730	20.19	0.10	20.5	0.046	1.074	0.049
ANSI / IEEE C95.1 – SAFETY LIMIT Spatial Peak Uncontrolled Exposure/General Population						1.6 W/kg (mW/g) Averaged over 1g					

➤ NR n71(20MHz) DFT-BPSK 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)
	NR n71/1@1	2	Front	137600	688	23.80	0.16	24.0	0.076	1.047	0.080
	NR n71/1@1	2	Back	137600	688	23.80	0.08	24.0	0.115	1.047	0.120
	NR n71/1@1	2	Right	137600	688	23.80	-0.13	24.0	0.053	1.047	0.055
	NR n71/1@1	2	Bottom	137600	688	23.80	-0.04	24.0	0.043	1.047	0.045
	NR n71/1@1	4	Front	137600	688	23.80	-0.14	24.0	0.104	1.047	0.109
	NR n71/1@1	4	Back	137600	688	23.80	-0.10	24.0	0.158	1.047	0.165
	NR n71/1@1	4	Left	137600	688	23.80	-0.13	24.0	0.241	1.047	0.252
	NR n71/25@12	2	Front	136100	680.5	23.82	-0.17	24.0	0.056	1.042	0.058
	NR n71/25@12	2	Back	136100	680.5	23.82	0.13	24.0	0.096	1.042	0.100
	NR n71/25@12	2	Right	136100	680.5	23.82	-0.03	24.0	0.047	1.042	0.049
	NR n71/25@12	2	Bottom	136100	680.5	23.82	-0.02	24.0	0.035	1.042	0.036
	NR n71/25@12	4	Front	136100	680.5	23.82	-0.19	24.0	0.108	1.042	0.113
	NR n71/25@12	4	Back	136100	680.5	23.82	-0.03	24.0	0.162	1.042	0.169
79	NR n71/25@12	4	Left	136100	680.5	23.82	-0.11	24.0	0.234	1.042	0.244
ANSI / IEEE C95.1 – SAFETY LIMIT Spatial Peak Uncontrolled Exposure/General Population						1.6 W/kg (mW/g) Averaged over 1g					

➤ NR n77(3450MHz~3550MHz) (100MHz) DFT-BPSK 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)
	NR n77 /1@1	0	Front	633334	3500.01	27.65	0.01	28.0	0.038	1.084	1.008	0.042
	NR n77 /1@1	0	Back	633334	3500.01	27.65	0.00	28.0	0.056	1.084	1.008	0.061
	NR n77 /1@1	0	Right	633334	3500.01	27.65	0.02	28.0	0.032	1.084	1.008	0.035
	NR n77 /1@1	0	Top	633334	3500.01	27.65	0.04	28.0	0.022	1.084	1.008	0.024
	NR n77 /1@1	6	Front	633334	3500.01	27.65	-0.15	28.0	0.124	1.084	1.008	0.135
	NR n77 /1@1	6	Back	633334	3500.01	27.65	0.07	28.0	0.196	1.084	1.008	0.214
80	NR n77 /1@1	6	Left	633334	3500.01	27.65	-0.01	28.0	0.293	1.084	1.008	0.320
	NR n77 /1@1	6	Top	633334	3500.01	27.65	-0.18	28.0	0.135	1.084	1.008	0.148
	NR n77 /1@1	7	Front	633334	3500.01	27.65	0.01	28.0	0.077	1.084	1.008	0.084
	NR n77 /1@1	7	Back	633334	3500.01	27.65	-0.02	28.0	0.157	1.084	1.008	0.172
	NR n77 /1@1	7	Left	633334	3500.01	27.65	0.17	28.0	0.042	1.084	1.008	0.046
	NR n77 /1@1	7	Top	633334	3500.01	27.65	-0.03	28.0	0.206	1.084	1.008	0.225
	NR n77 /1@1	8	Front	633334	3500.01	27.65	-0.20	28.0	0.089	1.084	1.008	0.097
	NR n77 /1@1	8	Back	633334	3500.01	27.65	-0.09	28.0	0.143	1.084	1.008	0.156
	NR n77 /1@1	8	Right	633334	3500.01	27.65	-0.03	28.0	0.067	1.084	1.008	0.073
	NR n77 /1@1	8	Top	633334	3500.01	27.65	0.04	28.0	0.203	1.084	1.008	0.222
	NR n77 /135@67	0	Front	633334	3500.01	27.17	-0.15	28.0	0.032	1.211	1.008	0.039
	NR n77 /135@67	0	Back	633334	3500.01	27.17	-0.18	28.0	0.049	1.211	1.008	0.060
	NR n77 /135@67	0	Right	633334	3500.01	27.17	0.18	28.0	0.027	1.211	1.008	0.033
	NR n77 /135@67	0	Top	633334	3500.01	27.17	-0.10	28.0	0.018	1.211	1.008	0.022
	NR n77 /135@67	6	Front	633334	3500.01	27.17	-0.17	28.0	0.103	1.211	1.008	0.126
	NR n77 /135@67	6	Back	633334	3500.01	27.17	-0.07	28.0	0.168	1.211	1.008	0.205
	NR n77 /135@67	6	Left	633334	3500.01	27.17	0.04	28.0	0.257	1.211	1.008	0.314
	NR n77 /135@67	6	Top	633334	3500.01	27.17	0.07	28.0	0.119	1.211	1.008	0.145
	NR n77 /135@67	7	Front	633334	3500.01	27.17	-0.07	28.0	0.065	1.211	1.008	0.079
	NR n77 /135@67	7	Back	633334	3500.01	27.17	0.03	28.0	0.139	1.211	1.008	0.170
	NR n77 /135@67	7	Left	633334	3500.01	27.17	-0.06	28.0	0.035	1.211	1.008	0.043
	NR n77 /135@67	7	Top	633334	3500.01	27.17	-0.11	28.0	0.202	1.211	1.008	0.247
	NR n77 /135@67	8	Front	633334	3500.01	27.17	0.13	28.0	0.077	1.211	1.008	0.094
	NR n77 /135@67	8	Back	633334	3500.01	27.17	0.14	28.0	0.126	1.211	1.008	0.154
	NR n77 /135@67	8	Right	633334	3500.01	27.17	0.09	28.0	0.054	1.211	1.008	0.066
	NR n77 /135@67	8	Top	633334	3500.01	27.17	-0.16	28.0	0.178	1.211	1.008	0.217
ANSI / IEEE C95.1 – SAFETY LIMIT Spatial Peak Uncontrolled Exposure/General Population						1.6 W/kg (mW/g) Averaged over 1g						

➤ NR n77(3550MHz~3700MHz)(100MHz) DFT-BPSK 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)
	NR n77 /1@1	0	Front	643332	3649.98	27.55	0.17	28.0	0.042	1.109	1.008	0.047
	NR n77 /1@1	0	Back	643332	3649.98	27.55	0.00	28.0	0.071	1.109	1.008	0.079
	NR n77 /1@1	0	Right	643332	3649.98	27.55	-0.12	28.0	0.039	1.109	1.008	0.043
	NR n77 /1@1	0	Top	643332	3649.98	27.55	-0.03	28.0	0.037	1.109	1.008	0.041
	NR n77 /1@1	6	Front	643332	3649.98	27.55	0.16	28.0	0.093	1.109	1.008	0.104
	NR n77 /1@1	6	Back	643332	3649.98	27.55	-0.03	28.0	0.150	1.109	1.008	0.168
	NR n77 /1@1	6	Left	643332	3649.98	27.55	-0.05	28.0	0.197	1.109	1.008	0.220
	NR n77 /1@1	6	Top	643332	3649.98	27.55	-0.01	28.0	0.121	1.109	1.008	0.135
	NR n77 /1@1	7	Front	643332	3649.98	27.55	-0.12	28.0	0.113	1.109	1.008	0.126
	NR n77 /1@1	7	Back	643332	3649.98	27.55	-0.07	28.0	0.171	1.109	1.008	0.191
	NR n77 /1@1	7	Left	643332	3649.98	27.55	-0.10	28.0	0.104	1.109	1.008	0.116
81	NR n77 /1@1	7	Top	643332	3649.98	27.55	-0.08	28.0	0.222	1.109	1.008	0.248
	NR n77 /1@1	8	Front	643332	3649.98	27.55	0.18	28.0	0.038	1.109	1.008	0.042
	NR n77 /1@1	8	Back	643332	3649.98	27.55	-0.07	28.0	0.054	1.109	1.008	0.060
	NR n77 /1@1	8	Right	643332	3649.98	27.55	0.17	28.0	0.024	1.109	1.008	0.027
	NR n77 /1@1	8	Top	643332	3649.98	27.55	0.08	28.0	0.090	1.109	1.008	0.100
	NR n77 /135@67	0	Front	640000	3600	27.50	-0.03	28.0	0.035	1.122	1.008	0.040
	NR n77 /135@67	0	Back	640000	3600	27.50	-0.06	28.0	0.063	1.122	1.008	0.071
	NR n77 /135@67	0	Right	640000	3600	27.50	0.00	28.0	0.033	1.122	1.008	0.037
	NR n77 /135@67	0	Top	640000	3600	27.50	-0.02	28.0	0.028	1.122	1.008	0.032
	NR n77 /135@67	6	Front	640000	3600	27.50	0.20	28.0	0.084	1.122	1.008	0.095
	NR n77 /135@67	6	Back	640000	3600	27.50	0.00	28.0	0.138	1.122	1.008	0.156
	NR n77 /135@67	6	Left	640000	3600	27.50	0.15	28.0	0.186	1.122	1.008	0.210
	NR n77 /135@67	6	Top	640000	3600	27.50	-0.18	28.0	0.114	1.122	1.008	0.129
	NR n77 /135@67	7	Front	640000	3600	27.50	0.07	28.0	0.108	1.122	1.008	0.122
	NR n77 /135@67	7	Back	640000	3600	27.50	-0.05	28.0	0.155	1.122	1.008	0.175
	NR n77 /135@67	7	Left	640000	3600	27.50	0.07	28.0	0.098	1.122	1.008	0.111
	NR n77 /135@67	7	Top	640000	3600	27.50	0.09	28.0	0.206	1.122	1.008	0.233
	NR n77 /135@67	8	Front	640000	3600	27.50	0.10	28.0	0.029	1.122	1.008	0.033
	NR n77 /135@67	8	Back	640000	3600	27.50	0.11	28.0	0.043	1.122	1.008	0.049
	NR n77 /135@67	8	Right	640000	3600	27.50	0.14	28.0	0.017	1.122	1.008	0.019
	NR n77 /135@67	8	Top	640000	3600	27.50	-0.20	28.0	0.078	1.122	1.008	0.088
ANSI / IEEE C95.1 – SAFETY LIMIT						1.6 W/kg (mW/g)						
Spatial Peak						Averaged over 1g						
Uncontrolled Exposure/General Population												

➤ NR n77(3700MHz~3980MHz)(100MHz) DFT-BPSK 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)
	NR n77 /1@1	0	Front	650000	3750	27.60	-0.03	28.0	0.054	1.096	1.008	0.060
	NR n77 /1@1	0	Back	650000	3750	27.60	-0.04	28.0	0.088	1.096	1.008	0.097
	NR n77 /1@1	0	Right	650000	3750	27.60	-0.01	28.0	0.037	1.096	1.008	0.041
	NR n77 /1@1	0	Top	650000	3750	27.60	-0.10	28.0	0.028	1.096	1.008	0.031
	NR n77 /1@1	6	Front	650000	3750	27.60	0.00	28.0	0.063	1.096	1.008	0.070
	NR n77 /1@1	6	Back	650000	3750	27.60	-0.05	28.0	0.111	1.096	1.008	0.123
	NR n77 /1@1	6	Left	650000	3750	27.60	-0.03	28.0	0.155	1.096	1.008	0.171
	NR n77 /1@1	6	Top	650000	3750	27.60	0.16	28.0	0.059	1.096	1.008	0.065
	NR n77 /1@1	7	Front	650000	3750	27.60	-0.08	28.0	0.088	1.096	1.008	0.097
	NR n77 /1@1	7	Back	650000	3750	27.60	0.03	28.0	0.149	1.096	1.008	0.165
	NR n77 /1@1	7	Left	650000	3750	27.60	0.11	28.0	0.055	1.096	1.008	0.061
82	NR n77 /1@1	7	Top	650000	3750	27.60	0.02	28.0	0.179	1.096	1.008	0.198
	NR n77 /1@1	8	Front	650000	3750	27.60	-0.01	28.0	0.037	1.096	1.008	0.041
	NR n77 /1@1	8	Back	650000	3750	27.60	0.00	28.0	0.054	1.096	1.008	0.060
	NR n77 /1@1	8	Right	650000	3750	27.60	-0.02	28.0	0.026	1.096	1.008	0.029
	NR n77 /1@1	8	Top	650000	3750	27.60	0.00	28.0	0.088	1.096	1.008	0.097
	NR n77 /135@67	0	Front	650000	3750	27.68	0.04	28.0	0.047	1.076	1.008	0.051
	NR n77 /135@67	0	Back	650000	3750	27.68	0.05	28.0	0.076	1.076	1.008	0.082
	NR n77 /135@67	0	Right	650000	3750	27.68	0.06	28.0	0.031	1.076	1.008	0.034
	NR n77 /135@67	0	Top	650000	3750	27.68	-0.13	28.0	0.022	1.076	1.008	0.024
	NR n77 /135@67	6	Front	650000	3750	27.68	0.09	28.0	0.052	1.076	1.008	0.056
	NR n77 /135@67	6	Back	650000	3750	27.68	0.20	28.0	0.103	1.076	1.008	0.112
	NR n77 /135@67	6	Left	650000	3750	27.68	0.09	28.0	0.139	1.076	1.008	0.151
	NR n77 /135@67	6	Top	650000	3750	27.68	-0.13	28.0	0.048	1.076	1.008	0.052
	NR n77 /135@67	7	Front	650000	3750	27.68	-0.09	28.0	0.079	1.076	1.008	0.086
	NR n77 /135@67	7	Back	650000	3750	27.68	0.17	28.0	0.141	1.076	1.008	0.153
	NR n77 /135@67	7	Left	650000	3750	27.68	0.05	28.0	0.043	1.076	1.008	0.047
	NR n77 /135@67	7	Top	650000	3750	27.68	0.15	28.0	0.157	1.076	1.008	0.170
	NR n77 /135@67	8	Front	650000	3750	27.68	0.02	28.0	0.032	1.076	1.008	0.035
	NR n77 /135@67	8	Back	650000	3750	27.68	0.14	28.0	0.045	1.076	1.008	0.049
	NR n77 /135@67	8	Right	650000	3750	27.68	0.00	28.0	0.019	1.076	1.008	0.021
	NR n77 /135@67	8	Top	650000	3750	27.68	-0.16	28.0	0.079	1.076	1.008	0.086
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	13	Front	11	2462	17.43	0.06	17.5	0.062	1.016	1.000	0.063
57	2.4GHz/802.11b	13	Back	11	2462	17.43	-0.04	17.5	0.280	1.016	1.000	0.284
	2.4GHz/802.11b	13	Right	11	2462	17.43	0.00	17.5	0.162	1.016	1.000	0.165
	2.4GHz/802.11b	12	Front	6	2437	16.44	-0.12	16.5	0.022	1.014	1.000	0.022
	2.4GHz/802.11b	12	Back	6	2437	16.44	0.11	16.5	0.086	1.014	1.000	0.087
	2.4GHz/802.11b	12	Right	6	2437	16.44	0.07	16.5	0.020	1.014	1.000	0.020
	2.4GHz/802.11b	12	Top	6	2437	16.44	0.06	16.5	0.094	1.014	1.000	0.095
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	0	Front	40	5200	16.28	-0.09	16.5	0.100	1.052	1.000	0.105
	5.2GHz/802.11a	0	Back	40	5200	16.28	-0.14	16.5	0.182	1.052	1.000	0.191
	5.2GHz/802.11a	0	Right	40	5200	16.28	-0.04	16.5	0.216	1.052	1.000	0.227
83	5.2GHz/802.11a	0	Top	40	5200	16.28	-0.10	16.5	0.228	1.052	1.000	0.240
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	0	Front	157	5785	17.11	-0.12	17.5	0.186	1.094	1.000	0.203
	5.8GHz/802.11a	0	Back	157	5785	17.11	0.03	17.5	0.237	1.094	1.000	0.259
61	5.8GHz/802.11a	0	Right	157	5785	17.11	0.16	17.5	0.274	1.094	1.000	0.300
	5.8GHz/802.11a	0	Top	157	5785	17.11	0.07	17.5	0.101	1.094	1.000	0.110
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	12	Front	0	2402	6.93	0.14	7.0	0.006	1.016	1.000	0.006
62	BT/GFSK	12	Back	0	2402	6.93	0.00	7.0	0.013	1.016	1.000	0.013
	BT/GFSK	12	Right	0	2402	6.93	0.07	7.0	0.002	1.016	1.000	0.002
	BT/GFSK	12	Top	0	2402	6.93	-0.02	7.0	0.012	1.016	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:

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

15.4 Repeated SAR measurement

Band/ Mode	Test Position	CH.	Freq. (MHz)	Measured SAR (W/kg)				
				Original	1 st Repeated		2 nd Repeated	
					Value	Ratio	Value	Ratio
Band II/RMC	Bottom	9400	1880	0.887	0.863	1.03	/	/
Band4/1RB#99	Bottom	20175	1732.5	1.010	0.988	1.02	/	/
Band5/1RB#49	Left	20600	844	1.020	0.998	1.02	/	/
Band7/1RB#99	Back	21350	2560	1.010	0.977	1.03	/	/
Band17/1RB#49	Left	23800	711	0.821	0.815	1.01	/	/
Band66/1RB#99	Bottom	132572	1770	1.010	0.995	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.

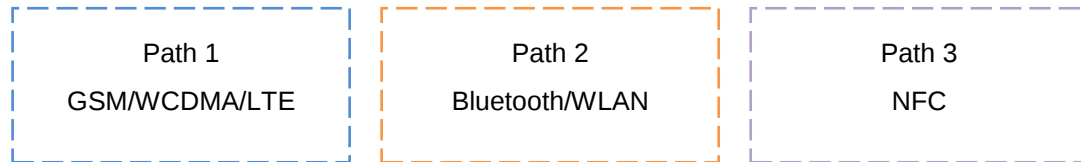


Fig.15.1 Simultaneous Transmission Paths

➤ 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.

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

Mode	Max. Power (dBm)	Max. Power (mW)	Exposure Position	Head	Body	Hotspot
NFC	-45.62	0.000027	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

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

Note:

1. WLAN 2.4GHz Band ANT 12,ANT13 cannot transmit simultaneously.
2. WLAN 2.4GHz Band, Bluetooth cannot transmit simultaneously.
3. WLAN 2.4GHz Band, WLAN 5 GHz Band cannot transmit simultaneously
4. GSM/WCDMA/LTE shares the same antenna, and cannot transmit simultaneously.
5. For 5GNR EN-DC mode the simultaneous transmission analysis is use standalone SAR at total power level to show compliance.
6. The Report SAR summation is calculated based on the same configuration and test position.
7. 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 $SPLSR \leq 0.04$, simultaneously transmission SAR measurement is not necessary
 - iii. Simultaneously transmission SAR measurement, and the Reported multi-band SAR < 1.6 W/kg

15.6 SAR Simultaneous Transmission Analysis

➤ Simultaneous Transmission

Position		Standalone SAR _{1g} (W/kg)		? SAR _{1g} (W/kg)
		LTE Band 2 ANT3	NR n7 NSA ANT 5	Max EN-DC
Head	Right Cheek	0.387	0.068	0.456
	Right Tilted	0.407	0.034	0.441
	Left Cheek	0.191	0.036	0.227
	Left Tilted	0.206	0.024	0.230
Body- worn	Front	0.114	0.016	0.130
	Back	0.171	0.023	0.194
Hotspot	Front	0.114	0.016	0.130
	Back	0.171	0.023	0.194
	Left	0.085	0.035	0.120
	Right	/	/	0.000
	Top	0.199	0.014	0.213
	Bottom	0.188	/	0.188

Position		Standalone SAR _{1g} (W/kg)					? SAR _{1g} (W/kg)
		LTE Band 4 ANT 5	LTE Band 5 ANT 2	LTE Band 7 ANT 5	LTE Band 66 ANT 5	NR n7 ANT 7	Max EN-DC
Head	Right Cheek	0.485	0.533	0.251	0.621	0.084	0.706
	Right Tilted	0.250	0.290	0.195	0.279	0.020	0.311
	Left Cheek	0.159	0.691	0.066	0.287	0.120	0.810
	Left Tilted	0.079	0.382	0.037	0.193	0.030	0.412
Body- worn	Front	0.022	0.251	0.048	0.155	0.059	0.310
	Back	0.037	0.309	0.101	0.263	0.103	0.412
Hotspot	Front	0.022	0.251	0.048	0.155	0.059	0.310
	Back	0.037	0.309	0.101	0.263	0.103	0.412
	Left	0.045	1.101	0.139	0.267	0.045	1.145
	Right	/	0.148	/	/	/	0.148
	Top	0.019	/	0.042	0.133	/	0.133
	Bottom	/	0.144	/	/	0.103	0.247

Position		Standalone SAR _{1g} (W/kg)			? SAR _{1g} (W/kg)
		LTE Band 5 ANT 2	LTE Band 66 ANT5	NR n38 ANT 3	Max EN-DC
Head	Right Cheek	0.533	0.621	0.073	0.694
	Right Tilted	0.290	0.279	0.025	0.316
	Left Cheek	0.691	0.287	0.087	0.778
	Left Tilted	0.382	0.193	0.029	0.411
Body- worn	Front	0.251	0.155	0.355	0.606
	Back	0.309	0.263	0.565	0.874
Hotspot	Front	0.251	0.155	0.355	0.606
	Back	0.309	0.263	0.565	0.874
	Left	1.101	0.267	0.270	1.370
	Right	0.148	/	/	0.148
	Top	/	0.133	/	0.133
	Bottom	0.144	/	0.405	0.549

Position		Standalone SAR _{1g} (W/kg)					? SAR _{1g} (W/kg)
		LTE Band 4 ANT 5	LTE Band 5 ANT 2	LTE Band 7 ANT 5	LTE Band 66 ANT 5	NR n41 ANT 3	Max EN-DC
Head	Right Cheek	0.485	0.533	0.446	0.621	0.069	0.690
	Right Tilted	0.250	0.290	0.326	0.279	0.028	0.354
	Left Cheek	0.159	0.691	0.095	0.287	0.078	0.768
	Left Tilted	0.079	0.382	0.078	0.193	0.031	0.413
Body- worn	Front	0.022	0.251	0.166	0.155	0.292	0.543
	Back	0.037	0.309	0.242	0.263	0.610	0.919
Hotspot	Front	0.022	0.251	0.166	0.155	0.292	0.543
	Back	0.037	0.309	0.242	0.263	0.610	0.919
	Left	0.045	1.101	0.205	0.267	0.237	1.338
	Right	/	0.148	/	/	/	0.148
	Top	0.019	/	0.115	0.133	/	0.133
	Bottom	/	0.144	/	/	0.433	0.577

Position		Standalone SAR _{1g} (W/kg)		? SAR _{1g} (W/kg)
		LTE Band 2 ANT3	NR n66 NSA ANT 5	Max EN-DC
Head	Right Cheek	0.387	0.377	0.764
	Right Tilted	0.407	0.173	0.580
	Left Cheek	0.191	0.178	0.370
	Left Tilted	0.206	0.140	0.346
Body- worn	Front	0.114	0.072	0.186
	Back	0.171	0.108	0.280
Hotspot	Front	0.114	0.072	0.186
	Back	0.171	0.108	0.280
	Left	0.085	0.147	0.232
	Right	/	/	0.000
	Top	0.199	0.049	0.248
	Bottom	0.188	/	0.188

Position		Standalone SAR _{1g} (W/kg)					? SAR _{1g} (W/kg)
		LTE Band 5 ANT 2	LTE Band 7 ANT 5	LTE Band 12 ANT 2	LTE Band 66 ANT 5	NR n66 ANT 3	Max EN-DC
Head	Right Cheek	0.533	0.251	0.346	0.621	0.058	0.679
	Right Tilted	0.290	0.195	0.143	0.279	0.018	0.308
	Left Cheek	0.691	0.066	0.403	0.287	0.066	0.756
	Left Tilted	0.382	0.037	0.155	0.193	0.023	0.405
Body- worn	Front	0.251	0.048	0.317	0.155	0.464	0.781
	Back	0.309	0.101	0.501	0.263	0.766	1.267
Hotspot	Front	0.251	0.048	0.317	0.155	0.464	0.781
	Back	0.309	0.101	0.501	0.263	0.766	1.267
	Left	1.101	0.139	0.728	0.267	0.434	1.535
	Right	0.148	/	0.159	/	/	0.159
	Top	/	0.042		0.133	/	0.133
	Bottom	0.144	/	0.191	/	0.949	1.141

Position		Standalone SAR _{1g} (W/kg)							? SAR _{1g} (W/kg)
		LTE Band 2 ANT 5	LTE Band 4 ANT 5	LTE Band 5 ANT 2	LTE Band 38 ANT 5	LTE Band 41 ANT 5	LTE Band 66 ANT 5	NR n77(n78) ANT 7	Max EN-DC
Head	Right Cheek	0.195	0.485	0.533	0.451	0.446	0.621	0.505	1.126
	Right Tilted	0.112	0.250	0.290	0.347	0.326	0.279	0.608	0.955
	Left Cheek	0.062	0.159	0.691	0.085	0.095	0.287	0.344	1.034
	Left Tilted	0.040	0.079	0.382	0.056	0.078	0.193	0.440	0.822
Body- worn	Front	0.033	0.022	0.251	0.126	0.166	0.155	0.126	0.378
	Back	0.059	0.037	0.309	0.193	0.242	0.263	0.191	0.500
Hotspot	Front	0.033	0.022	0.251	0.126	0.166	0.155	0.126	0.378
	Back	0.059	0.037	0.309	0.193	0.242	0.263	0.191	0.500
	Left	0.053	0.045	1.101	0.240	0.205	0.267	0.116	1.217
	Right	/	/	0.148	/	/	/	/	0.148
	Top	0.025	0.019		0.102	0.115	0.133	0.248	0.381
	Bottom	/	/	0.144	/	/	/	/	0.144

Position		Max Standalone SAR _{1g} (W/kg)						? SAR _{1g} (W/kg)		
		1	2	3	4	5	6	1+2+6	1+3+6	1+4+5+6
		MAX WWAN	2.4G ANT 12	2.4G ANT 13	5G	BT ANT 12	NFC			
Head	Right Cheek	1.126	0.204	0.194	0.012	0.107	0.000	1.330	1.320	1.246
	Right Tilted	0.955	0.124	0.184	0.008	0.094	0.000	1.078	1.138	1.057
	Left Cheek	1.034	0.233	0.216	0.023	0.272	0.000	1.267	1.251	1.330
	Left Tilted	0.822	0.285	0.104	0.021	0.160	0.000	1.107	0.925	1.003
Body- worn	Front	0.781	0.022	0.063	0.006	0.203	0.000	0.803	0.844	0.990
	Back	1.267	0.087	0.284	0.013	0.259	0.000	1.354	1.551	1.539
Hotspot	Front	0.781	0.022	0.063	0.006	0.203	0.000	0.803	0.844	0.990
	Back	1.267	0.087	0.284	0.013	0.259	0.000	1.354	1.551	1.539
	Left	1.535	/	/	/	0.000	0.000	1.535	1.535	1.535
	Right	0.284	0.020	0.165	0.002	0.300	0.000	0.305	0.449	0.586
	Top	0.398	0.095	/	0.012	0.240	0.000	0.493	0.398	0.650
	Bottom	1.149	/	/	/	0.000	0.000	1.149	1.149	1.149

➤ Simultaneous Transmission Conclusion

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

15.7 Measurement Uncertainty

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

15.8 Measurement Conclusion

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

16 Reference

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- [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: 2/8/2025

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

Communication System: UID 0, CW (0); Frequency: 750 MHz; Duty Cycle: 1:1
Medium parameters used: $f = 750 \text{ MHz}$; $\sigma = 0.879 \text{ S/m}$; $\epsilon_r = 41.162$; $\rho = 1000 \text{ kg/m}^3$
Phantom section: Flat Section

DASY5 Configuration:

- Probe: EX3DV4 - SN3924; ConvF(10.23, 10.23, 10.23) @ 750 MHz; Calibrated: 3/20/2024
- Sensor-Surface: 1.4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1452; Calibrated: 3/26/2024
- Phantom: SAM 5.0; Type: QD000P40CD; Serial: TP:1765
- Measurement SW: DASY52, Version 52.10 (4); SEMCAD X Version 14.6.14 (7501)

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

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

Reference Value = 33.41 V/m; Power Drift = -0.02 dB

Peak SAR (extrapolated) = 1.15 W/kg

SAR(1 g) = 0.701 W/kg; SAR(10 g) = 0.451 W/kg

Smallest distance from peaks to all points 3 dB below = 17.5 mm

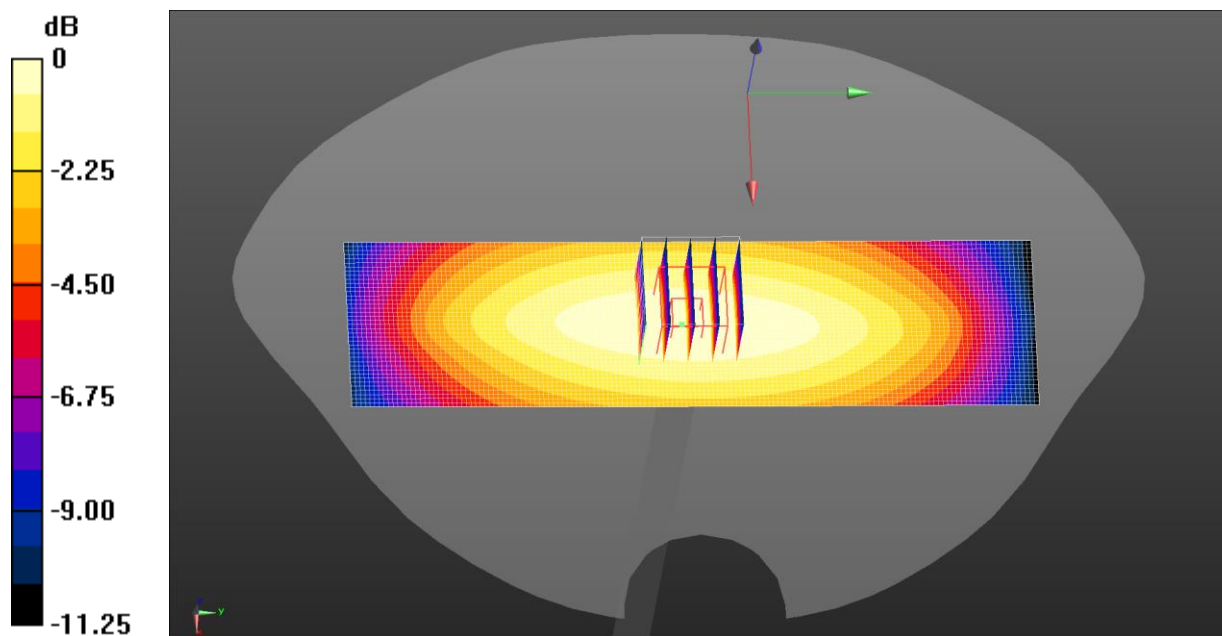
Ratio of SAR at M2 to SAR at M1 = 60.1%

Maximum value of SAR (measured) = 0.972 W/kg

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

dx=1.500 mm, dy=1.500 mm

Maximum value of SAR (interpolated) = 0.971 W/kg



0 dB = 0.972 W/kg = -0.12 dBW/kg

Test Laboratory: JYTSZ

Date: 2/10/2025

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

Communication System: UID 0, CW (0); Frequency: 750 MHz; Duty Cycle: 1:1

Medium parameters used: $f = 750$ MHz; $\sigma = 0.873$ S/m; $\epsilon_r = 41.223$; $\rho = 1000$ kg/m³

Phantom section: Flat Section

DASY5 Configuration:

- Probe: EX3DV4 - SN3924; ConvF(10.23, 10.23, 10.23) @ 750 MHz; Calibrated: 3/20/2024
- Sensor-Surface: 1.4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1452; Calibrated: 3/26/2024
- Phantom: SAM 5.0; Type: QD000P40CD; Serial: TP:1765
- Measurement SW: DASY52, Version 52.10 (4); SEMCAD X Version 14.6.14 (7501)

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

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

Reference Value = 33.04 V/m; Power Drift = -0.04 dB

Peak SAR (extrapolated) = 1.10 W/kg

SAR(1 g) = 0.713 W/kg; SAR(10 g) = 0.485 W/kg

Smallest distance from peaks to all points 3 dB below = 17.9 mm

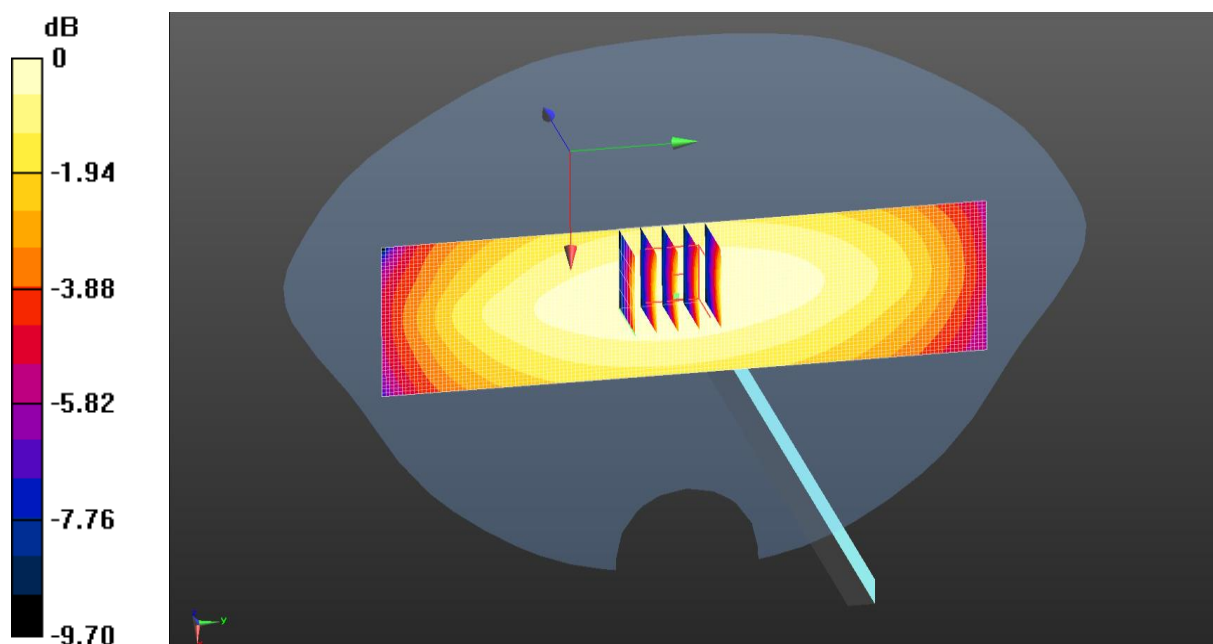
Ratio of SAR at M2 to SAR at M1 = 65%

Maximum value of SAR (measured) = 0.959 W/kg

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

dx=1.500 mm, dy=1.500 mm

Maximum value of SAR (interpolated) = 0.964 W/kg



0 dB = 0.959 W/kg = -0.18 dBW/kg

Test Laboratory: JYTSZ

Date: 2/12/.2025

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

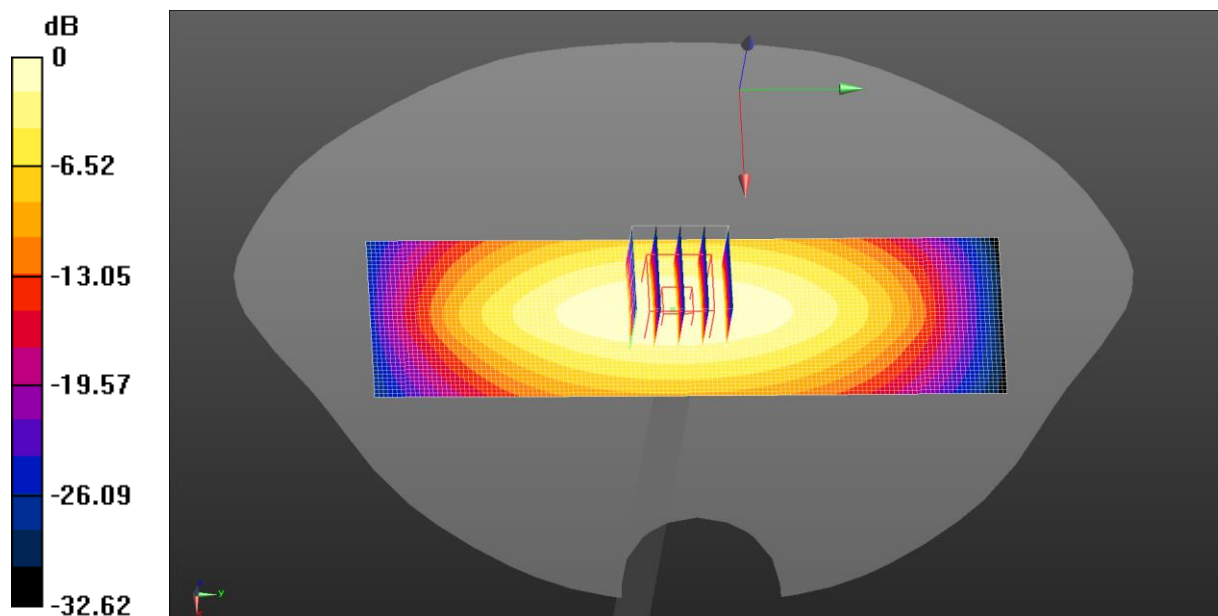
Communication System: UID 0, CW (0); Frequency: 835 MHz; Duty Cycle: 1:1
Medium parameters used (interpolated): $f = 835$ MHz; $\sigma = 0.893$ S/m; $\epsilon_r = 40.766$; $\rho = 1000$ kg/m³
Phantom section: Flat Section

DASY5 Configuration:

- Probe: EX3DV4 - SN3924; ConvF(9.85, 9.85, 9.85) @ 835 MHz; Calibrated: 3/20/2024
- Sensor-Surface: 1.4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1452; Calibrated: 3/26/2024
- Phantom: SAM 5.0; Type: QD000P40CD; Serial: TP:1765
- Measurement SW: DASY52, Version 52.10 (4); SEMCAD X Version 14.6.14 (7501)

System Performance Check at Frequency 835 MHz Head Tissue/d=15mm, Pin=80 mW, dist=1.4mm (EX-Probe)/Area Scan (41x141x1): Interpolated grid: dx=1.500 mm, dy=1.500 mm
Maximum value of SAR (interpolated) = 1.14 W/kg

System Performance Check at Frequency 835 MHz Head Tissue/d=15mm, Pin=80 mW, dist=1.4mm (EX-Probe)/Zoom Scan (7x7x7) (5x5x7)/Cube 0:
Measurement grid: dx=8mm, dy=8mm, dz=5mm
Reference Value = 34.53 V/m; Power Drift = -0.08 dB
Peak SAR (extrapolated) = 1.32 W/kg
SAR(1 g) = 0.801 W/kg; SAR(10 g) = 0.512 W/kg
Smallest distance from peaks to all points 3 dB below = 17.1 mm
Ratio of SAR at M2 to SAR at M1 = 61.5%
Maximum value of SAR (measured) = 1.14 W/kg



0 dB = 1.14 W/kg = 0.57 dBW/kg

Test Laboratory: JYTSZ

Date: 1/23/2025

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

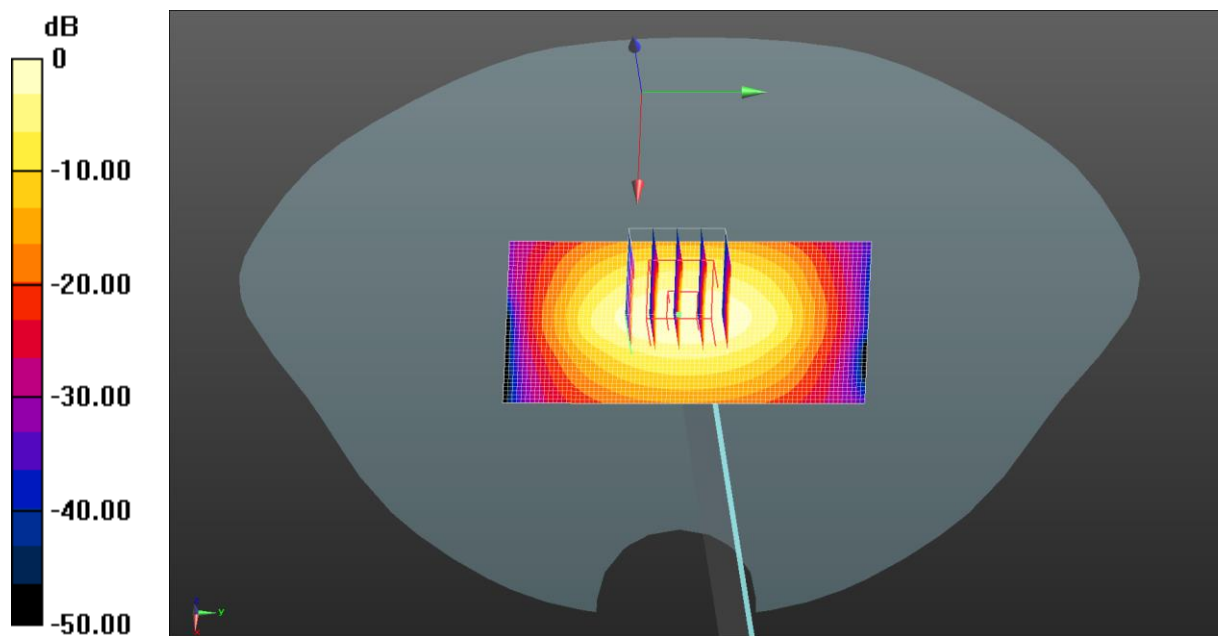
Communication System: UID 0, CW (0); Frequency: 1750 MHz; Duty Cycle: 1:1
Medium parameters used: $f = 1750$ MHz; $\sigma = 1.337$ S/m; $\epsilon_r = 39.811$; $\rho = 1000$ kg/m³
Phantom section: Flat Section

DASY5 Configuration:

- Probe: EX3DV4 - SN3924; ConvF(8.52, 8.52, 8.52) @ 1750 MHz; Calibrated: 3/20/2024
- Sensor-Surface: 1.4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1452; Calibrated: 3/26/2024
- Phantom: SAM 5.0; Type: QD000P40CD; Serial: TP:1765
- Measurement SW: DASY52, Version 52.10 (4); SEMCAD X Version 14.6.14 (7501)

System Performance Check at Frequency 1750 MHz Head Tissue/d=10mm, Pin=40 mW, dist=1.4mm (EX-Probe)/Area Scan (41x81x1): Interpolated grid: dx=1.500 mm, dy=1.500 mm
Maximum value of SAR (interpolated) = 2.36 W/kg

System Performance Check at Frequency 1750 MHz Head Tissue/d=10mm, Pin=40 mW, dist=1.4mm (EX-Probe)/Zoom Scan (7x7x7) (5x5x7)/Cube 0:
Measurement grid: dx=8mm, dy=8mm, dz=5mm
Reference Value = 42.72 V/m; Power Drift = -0.12 dB
Peak SAR (extrapolated) = 2.77 W/kg
SAR(1 g) = 1.48 W/kg; SAR(10 g) = 0.781 W/kg
Smallest distance from peaks to all points 3 dB below = 10.7 mm
Ratio of SAR at M2 to SAR at M1 = 53.7%
Maximum value of SAR (measured) = 2.30 W/kg



$$0 \text{ dB} = 2.36 \text{ W/kg} = 3.73 \text{ dBW/kg}$$

Test Laboratory: JYTSZ

Date: 1/25/2025

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

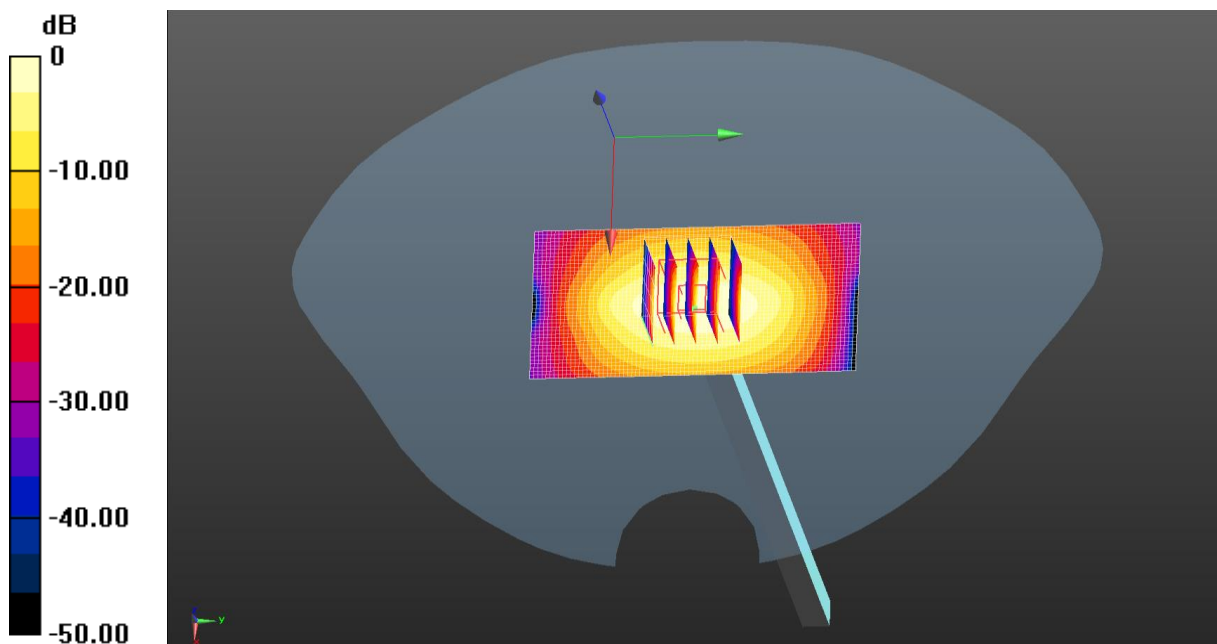
Communication System: UID 0, CW (0); Frequency: 1750 MHz; Duty Cycle: 1:1
Medium parameters used: $f = 1750$ MHz; $\sigma = 1.371$ S/m; $\epsilon_r = 39.86$; $\rho = 1000$ kg/m³
Phantom section: Flat Section

DASY5 Configuration:

- Probe: EX3DV4 - SN3924; ConvF(8.52, 8.52, 8.52) @ 1750 MHz; Calibrated: 3/20/2024
- Sensor-Surface: 1.4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1452; Calibrated: 3/26/2024
- Phantom: SAM 5.0; Type: QD000P40CD; Serial: TP:1765
- Measurement SW: DASY52, Version 52.10 (4); SEMCAD X Version 14.6.14 (7501)

System Performance Check at Frequency 1750 MHz Head Tissue/d=10mm, Pin=40 mW, dist=1.4mm (EX-Probe)/Area Scan (41x81x1): Interpolated grid: dx=1.500 mm, dy=1.500 mm
Maximum value of SAR (interpolated) = 2.14 W/kg

System Performance Check at Frequency 1750 MHz Head Tissue/d=10mm, Pin=40 mW, dist=1.4mm (EX-Probe)/Zoom Scan (7x7x7) (5x5x7)/Cube 0:
Measurement grid: dx=8mm, dy=8mm, dz=5mm
Reference Value = 40.32 V/m; Power Drift = -0.02 dB
Peak SAR (extrapolated) = 2.52 W/kg
SAR(1 g) = 1.43 W/kg; SAR(10 g) = 0.784 W/kg
Smallest distance from peaks to all points 3 dB below = 11.2 mm
Ratio of SAR at M2 to SAR at M1 = 56.9%
Maximum value of SAR (measured) = 2.15 W/kg



$$0 \text{ dB} = 2.14 \text{ W/kg} = 3.30 \text{ dBW/kg}$$

Test Laboratory: JYTSZ

Date: 1/17/2025

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

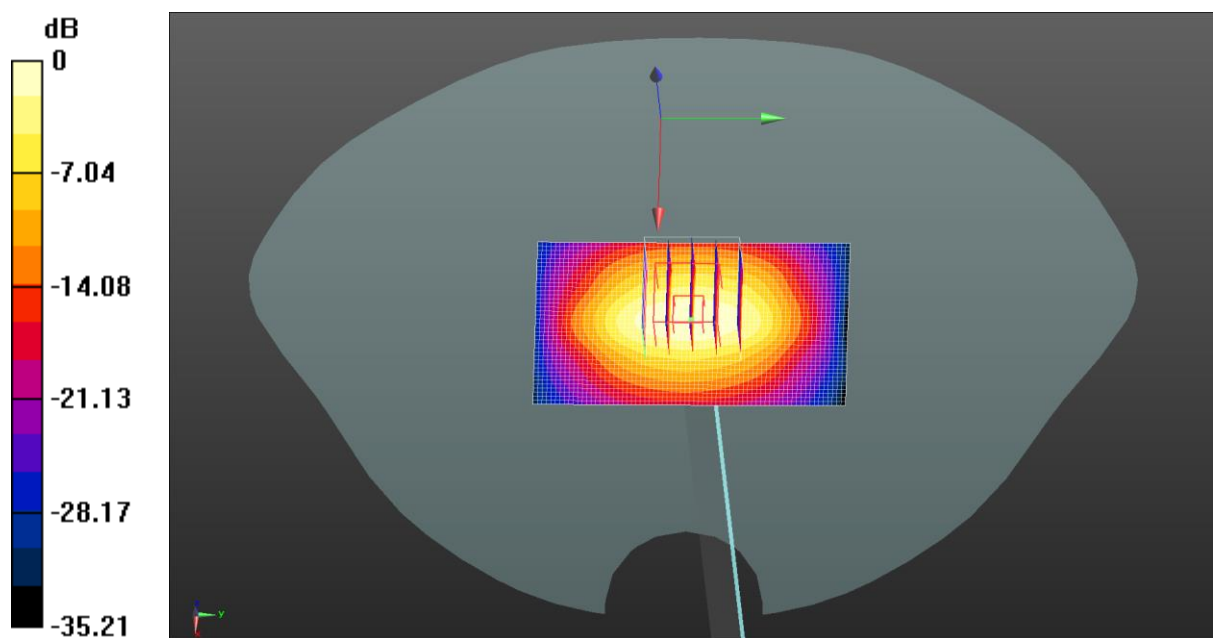
Communication System: UID 0, CW (0); Frequency: 1900 MHz; Duty Cycle: 1:1
Medium parameters used: $f = 1900$ MHz; $\sigma = 1.363$ S/m; $\epsilon_r = 39.733$; $\rho = 1000$ kg/m³
Phantom section: Flat Section

DASY5 Configuration:

- Probe: EX3DV4 - SN3924; ConvF(8.12, 8.12, 8.12) @ 1900 MHz; Calibrated: 3/20/2024
- Sensor-Surface: 1.4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1452; Calibrated: 3/26/2024
- Phantom: SAM 5.0; Type: QD000P40CD; Serial: TP:1765
- Measurement SW: DASY52, Version 52.10 (4); SEMCAD X Version 14.6.14 (7501)

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

System Performance Check at Frequency 1900 MHz Head Tissue/d=10mm, Pin=40 mW, dist=1.4mm (EX-Probe)/Zoom Scan (7x7x7) (5x5x7)/Cube 0:
Measurement grid: dx=8mm, dy=8mm, dz=5mm
Reference Value = 41.42 V/m; Power Drift = 0.08 dB
Peak SAR (extrapolated) = 3.14 W/kg
SAR(1 g) = 1.64 W/kg; SAR(10 g) = 0.851 W/kg
Smallest distance from peaks to all points 3 dB below = 9.7 mm
Ratio of SAR at M2 to SAR at M1 = 51.9%
Maximum value of SAR (measured) = 2.64 W/kg



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

Test Laboratory: JYTSZ

Date: 2/18/2025

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

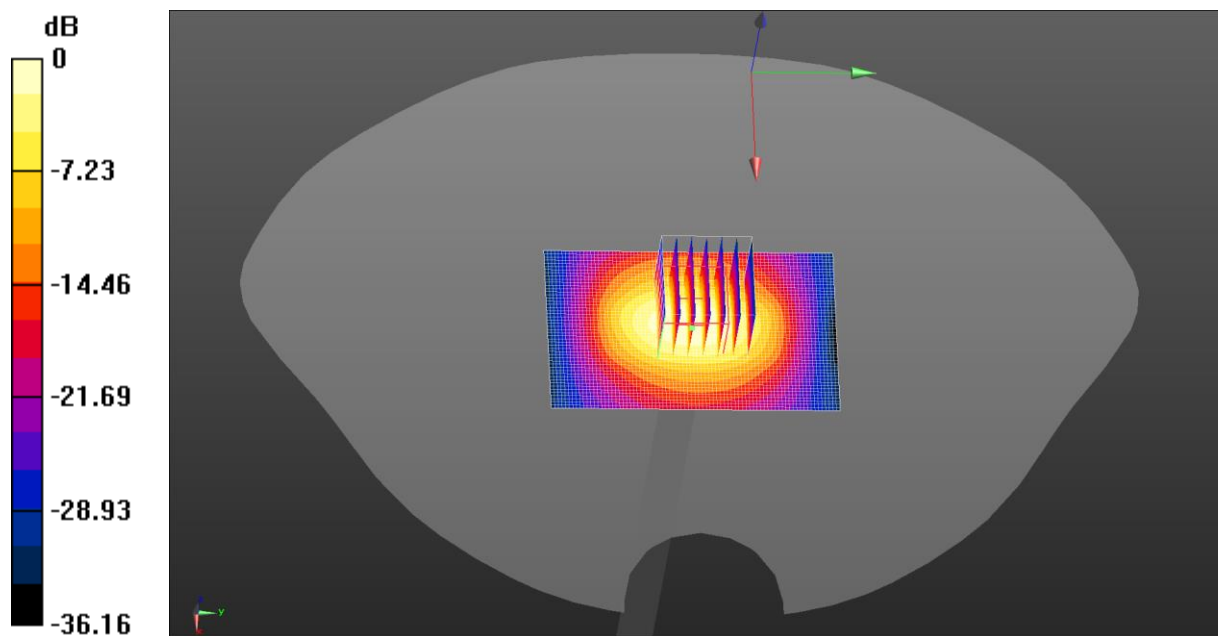
Communication System: UID 0, CW (0); Frequency: 2450 MHz; Duty Cycle: 1:1
Medium parameters used: $f = 2450$ MHz; $\sigma = 1.752$ S/m; $\epsilon_r = 38.933$; $\rho = 1000$ kg/m³
Phantom section: Flat Section

DASY5 Configuration:

- Probe: EX3DV4 - SN3924; ConvF(7.59, 7.59, 7.59) @ 2450 MHz; Calibrated: 3/20/2024
- Sensor-Surface: 1.4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1452; Calibrated: 3/26/2024
- Phantom: SAM 5.0; Type: QD000P40CD; Serial: TP:1765
- Measurement SW: DASY52, Version 52.10 (4); SEMCAD X Version 14.6.14 (7501)

System Performance Check at Frequency 2450 MHz Head Tissue/d=10mm, Pin=40 mW, dist=1.4mm (EX-Probe)/Area Scan (51x81x1): Interpolated grid: dx=1.200 mm, dy=1.200 mm
Maximum value of SAR (interpolated) = 3.62 W/kg

System Performance Check at Frequency 2450 MHz Head Tissue/d=10mm, Pin=40 mW, dist=1.4mm (EX-Probe)/Zoom Scan (7x7x7)/Cube 0: Measurement grid: dx=5mm, dy=5mm, dz=5mm
Reference Value = 43.87 V/m; Power Drift = 0.06 dB
Peak SAR (extrapolated) = 4.53 W/kg
SAR(1 g) = 2.16 W/kg; SAR(10 g) = 0.994 W/kg
Smallest distance from peaks to all points 3 dB below = 9.1 mm
Ratio of SAR at M2 to SAR at M1 = 49.1%
Maximum value of SAR (measured) = 3.46 W/kg



$$0 \text{ dB} = 3.62 \text{ W/kg} = 5.63 \text{ dBW/kg}$$

Test Laboratory: JYTSZ

Date: 2/22/2025

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

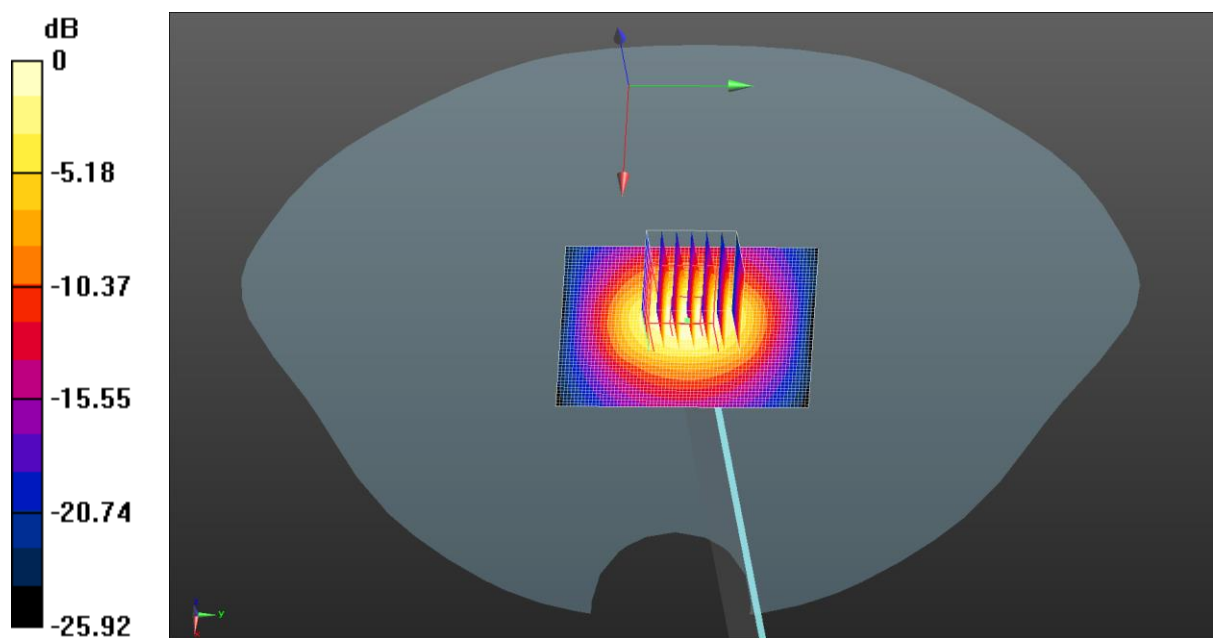
Communication System: UID 0, CW (0); Frequency: 2600 MHz; Duty Cycle: 1:1
Medium parameters used: $f = 2600$ MHz; $\sigma = 1.912$ S/m; $\epsilon_r = 38.742$; $\rho = 1000$ kg/m³
Phantom section: Flat Section

DASY5 Configuration:

- Probe: EX3DV4 - SN3924; ConvF(7.41, 7.41, 7.41) @ 2600 MHz; Calibrated: 3/20/2024
- Sensor-Surface: 1.4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1452; Calibrated: 3/26/2024
- Phantom: SAM 5.0; Type: QD000P40CD; Serial: TP:1765
- Measurement SW: DASY52, Version 52.10 (4); SEMCAD X Version 14.6.14 (7501)

System Performance Check at Frequency 2600 MHz Head Tissue/d=10mm, Pin=40 mW, dist=1.4mm (EX-Probe)/Zoom Scan (7x7x7)/Cube 0: Measurement grid: dx=5mm, dy=5mm, dz=5mm
Reference Value = 49.12 V/m; Power Drift = -0.17 dB
Peak SAR (extrapolated) = 4.78 W/kg
SAR(1 g) = 2.27 W/kg; SAR(10 g) = 1.02 W/kg
Smallest distance from peaks to all points 3 dB below = 8.7 mm
Ratio of SAR at M2 to SAR at M1 = 48.5%
Maximum value of SAR (measured) = 3.66 W/kg

System Performance Check at Frequency 2600 MHz Head Tissue/d=10mm, Pin=40 mW, dist=1.4mm (EX-Probe)/Area Scan (51x71x1): Interpolated grid: dx=1.200 mm, dy=1.200 mm
Maximum value of SAR (interpolated) = 4.13 W/kg



$$0 \text{ dB} = 3.66 \text{ W/kg} = 5.63 \text{ dBW/kg}$$

Test Laboratory: JYTSZ

Date: 2/23/2025

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

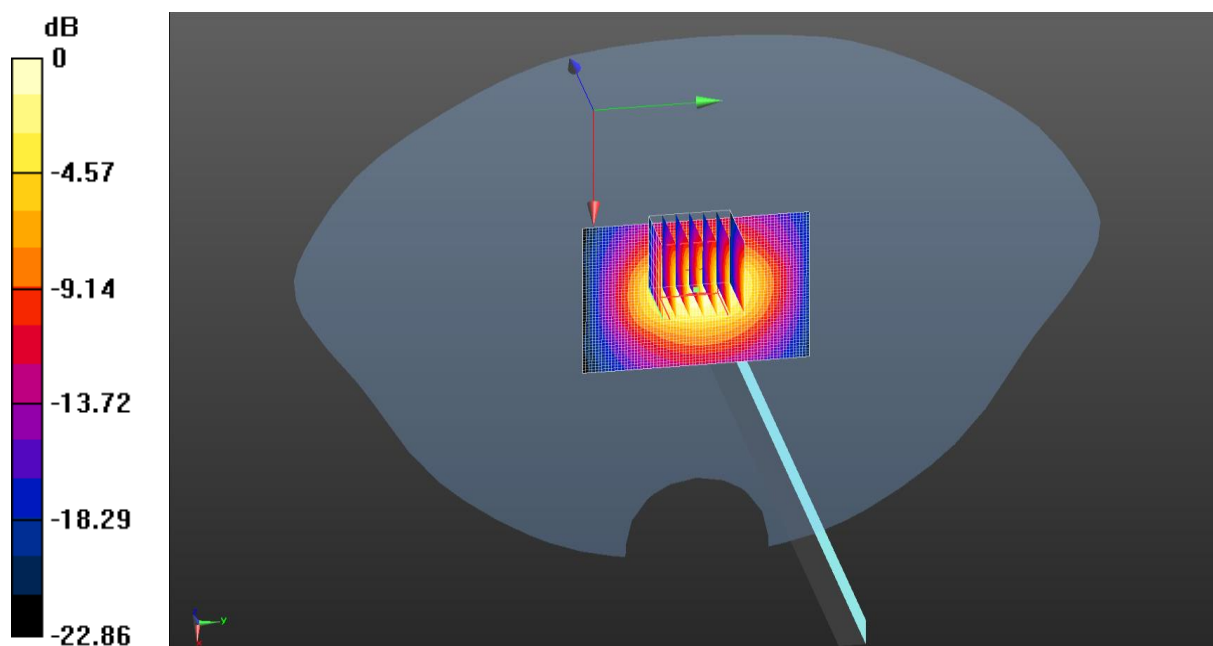
Communication System: UID 0, CW (0); Frequency: 2600 MHz; Duty Cycle: 1:1
Medium parameters used: $f = 2600$ MHz; $\sigma = 1.953$ S/m; $\epsilon_r = 38.791$; $\rho = 1000$ kg/m³
Phantom section: Flat Section

DASY5 Configuration:

- Probe: EX3DV4 - SN3924; ConvF(7.41, 7.41, 7.41) @ 2600 MHz; Calibrated: 3/20/2024
- Sensor-Surface: 1.4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1452; Calibrated: 3/26/2024
- Phantom: SAM 5.0; Type: QD000P40CD; Serial: TP:1765
- Measurement SW: DASY52, Version 52.10 (4); SEMCAD X Version 14.6.14 (7501)

System Performance Check at Frequency 2600 MHz Head Tissue/d=10mm, Pin=40 mW, dist=1.4mm (EX-Probe)/Zoom Scan (7x7x7)/Cube 0: Measurement grid: dx=5mm, dy=5mm, dz=5mm
Reference Value = 45.68 V/m; Power Drift = 0.01 dB
Peak SAR (extrapolated) = 4.62 W/kg
SAR(1 g) = 2.26 W/kg; SAR(10 g) = 1.05 W/kg
Smallest distance from peaks to all points 3 dB below = 9 mm
Ratio of SAR at M2 to SAR at M1 = 49.8%
Maximum value of SAR (measured) = 3.68 W/kg

System Performance Check at Frequency 2600 MHz Head Tissue/d=10mm, Pin=40 mW, dist=1.4mm (EX-Probe)/Area Scan (51x71x1): Interpolated grid: dx=1.200 mm, dy=1.200 mm
Maximum value of SAR (interpolated) = 4.00 W/kg



0 dB = 3.68 W/kg = 5.66 dBW/kg

Test Laboratory: JYTSZ

Date: 2/25/2025

DUT: Dipole 3500 MHz; Type: D3500V2; Serial: SN:1118

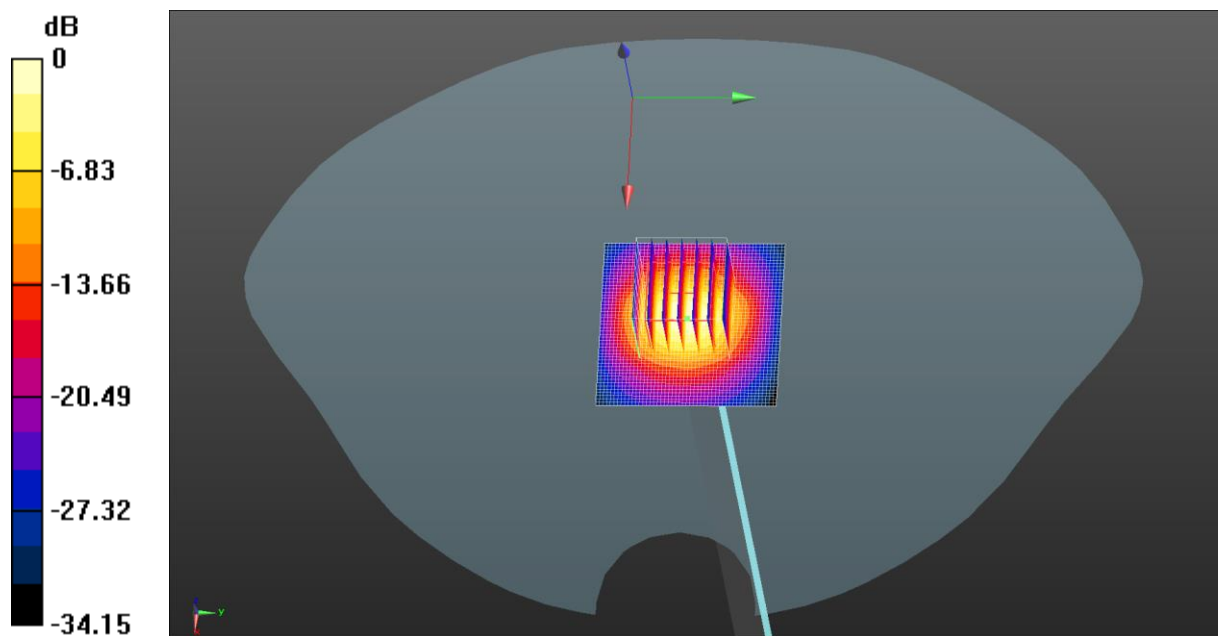
Communication System: UID 0, CW (0); Frequency: 3500 MHz; Duty Cycle: 1:1
Medium parameters used: $f = 3500$ MHz; $\sigma = 2.928$ S/m; $\epsilon_r = 37.661$; $\rho = 1000$ kg/m³
Phantom section: Flat Section

DASY5 Configuration:

- Probe: EX3DV4 - SN3924; ConvF(6.96, 6.96, 6.96) @ 3500 MHz; Calibrated: 3/20/2024
- Sensor-Surface: 1.4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1452; Calibrated: 3/26/2024
- Phantom: SAM 5.0; Type: QD000P40CD; Serial: TP:1765
- Measurement SW: DASY52, Version 52.10 (4); SEMCAD X Version 14.6.14 (7501)

System Performance Check at Frequency 3500 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 = 41.71 V/m; Power Drift = 0.12 dB
Peak SAR (extrapolated) = 6.77 W/kg
SAR(1 g) = 2.62 W/kg; SAR(10 g) = 0.978 W/kg
Smallest distance from peaks to all points 3 dB below = 8.6 mm
Ratio of SAR at M2 to SAR at M1 = 38.5%
Maximum value of SAR (measured) = 5.11 W/kg

System Performance Check at Frequency 3500 MHz Head Tissue/d=10mm, Pin=40 mW, dist=1.4mm (EX-Probe)/Area Scan (51x51x1): Interpolated grid: dx=1.200 mm, dy=1.200 mm
Maximum value of SAR (interpolated) = 5.18 W/kg



$$0 \text{ dB} = 5.11 \text{ W/kg} = 7.08 \text{ dBW/kg}$$

Test Laboratory: JYTSZ

Date: 2/28/2025

DUT: Dipole 3500 MHz; Type: D3500V2; Serial: SN:1118

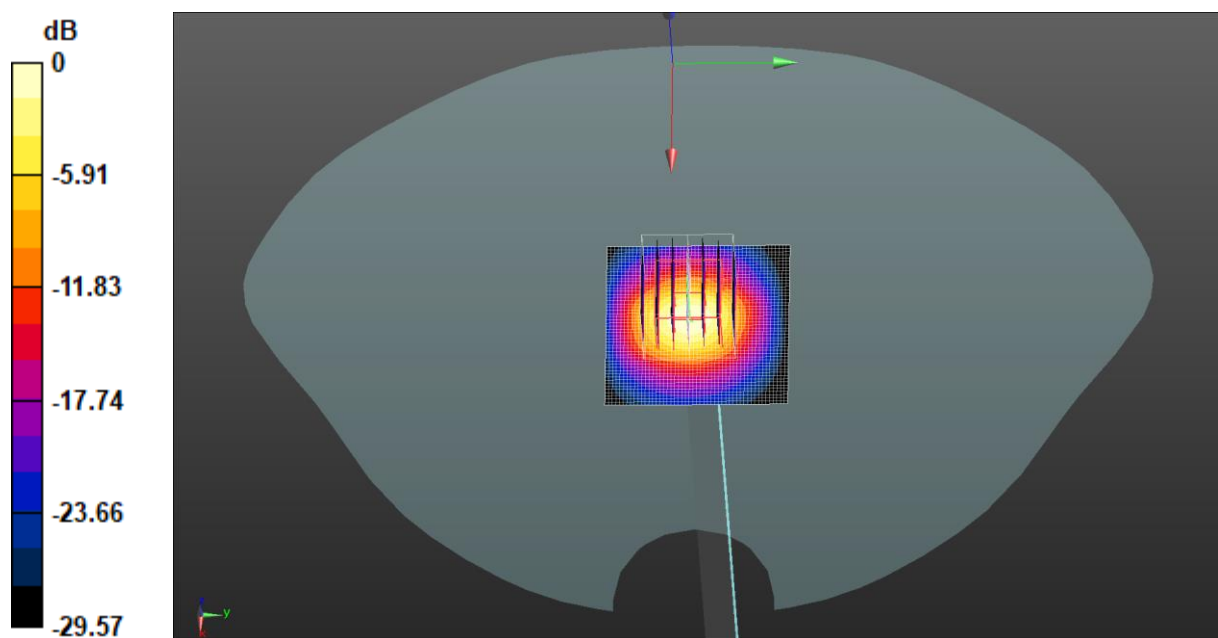
Communication System: UID 0, CW (0); Frequency: 3500 MHz; Duty Cycle: 1:1
Medium parameters used: $f = 3500$ MHz; $\sigma = 2.885$ S/m; $\epsilon_r = 37.511$; $\rho = 1000$ kg/m³
Phantom section: Flat Section

DASY5 Configuration:

- Probe: EX3DV4 - SN3924; ConvF(6.96, 6.96, 6.96) @ 3500 MHz; Calibrated: 3/20/2024
- Sensor-Surface: 1.4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1452; Calibrated: 3/26/2024
- Phantom: SAM 5.0; Type: QD000P40CD; Serial: TP:1765
- Measurement SW: DASY52, Version 52.10 (4); SEMCAD X Version 14.6.14 (7501)

System Performance Check at Frequency 3500 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 = 41.73V/m; Power Drift = 0.11 dB
Peak SAR (extrapolated) = 7.23 W/kg
SAR(1 g) = 2.61 W/kg; SAR(10 g) = 0.982 W/kg
Smallest distance from peaks to all points 3 dB below = 8.2 mm
Ratio of SAR at M2 to SAR at M1 = 38%
Maximum value of SAR (measured) = 5.03 W/kg

System Performance Check at Frequency 3500 MHz Head Tissue/d=10mm, Pin=40 mW, dist=1.4mm (EX-Probe)/Area Scan (51x51x1): Interpolated grid: dx=1.200 mm, dy=1.200 mm
Maximum value of SAR (interpolated) = 5.08W/kg



$$0 \text{ dB} = 5.03 \text{ W/kg} = 8.66 \text{ dBW/kg}$$

Test Laboratory: JYTSZ

Date: 3/1/2025

DUT: Dipole 3700 MHz; Type: D3700V2; Serial: SN:1089

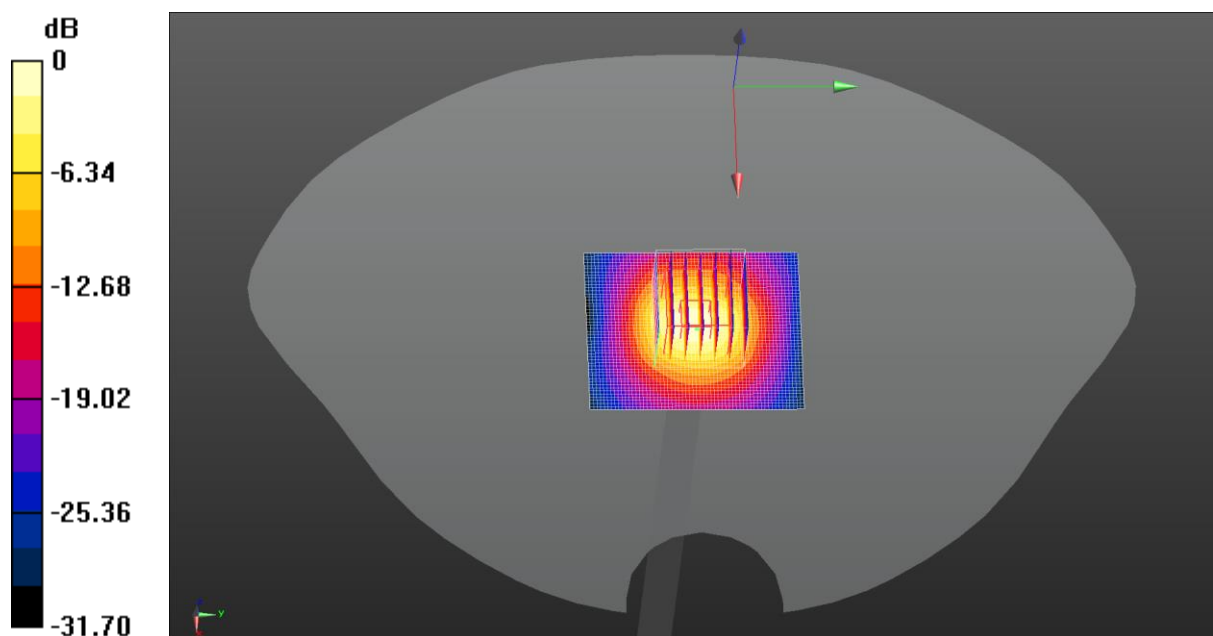
Communication System: UID 0, CW (0); Frequency: 3700 MHz; Duty Cycle: 1:1
Medium parameters used: $f = 3700$ MHz; $\sigma = 3.133$ S/m; $\epsilon_r = 37.433$; $\rho = 1000$ kg/m³
Phantom section: Flat Section

DASY5 Configuration:

- Probe: EX3DV4 - SN3924; ConvF(6.7, 6.7, 6.7) @ 3700 MHz; Calibrated: 3/20/2024
- Sensor-Surface: 1.4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1452; Calibrated: 3/26/2024
- Phantom: SAM 5.0; Type: QD000P40CD; Serial: TP:1765
- Measurement SW: DASY52, Version 52.10 (4); SEMCAD X Version 14.6.14 (7501)

System Performance Check at Frequency 3700 MHz Head Tissue/d=10mm, Pin=40 mW, dist=1.4mm (EX-Probe)/Area Scan (51x61x1): Interpolated grid: dx=1.200 mm, dy=1.200 mm
Maximum value of SAR (interpolated) = 5.56 W/kg

System Performance Check at Frequency 3700 MHz Head Tissue/d=10mm, Pin=40 mW, dist=1.4mm (EX-Probe)/Zoom Scan (7x7x8)/Cube 0: Measurement grid: dx=5mm, dy=5mm, dz=4mm
Reference Value = 43.82 V/m; Power Drift = 0.07 dB
Peak SAR (extrapolated) = 7.12 W/kg
SAR(1 g) = 2.71 W/kg; SAR(10 g) = 0.988 W/kg
Smallest distance from peaks to all points 3 dB below = 8.1 mm
Ratio of SAR at M2 to SAR at M1 = 45%
Maximum value of SAR (measured) = 5.45 W/kg



0 dB = 5.56 W/kg = 7.49 dBW/kg

Test Laboratory: JYTSZ

Date: 3/2/2025

DUT: Dipole 3900 MHz; Type: D3900V2; Serial: SN:1064

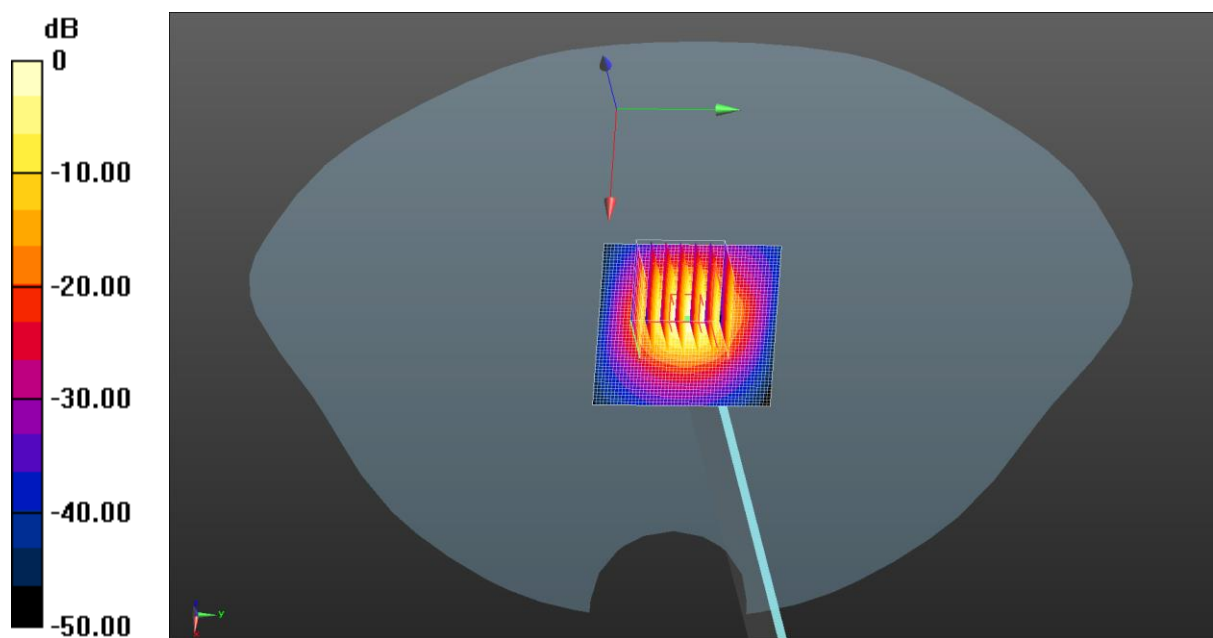
Communication System: UID 0, CW (0); Frequency: 3900 MHz; Duty Cycle: 1:1
Medium parameters used: $f = 3900$ MHz; $\sigma = 3.339$ S/m; $\epsilon_r = 37.204$; $\rho = 1000$ kg/m³
Phantom section: Flat Section

DASY5 Configuration:

- Probe: EX3DV4 - SN3924; ConvF(6.45, 6.45, 6.45) @ 3900 MHz; Calibrated: 3/20/2024
- Sensor-Surface: 1.4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1452; Calibrated: 3/26/2024
- Phantom: SAM 5.0; Type: QD000P40CD; Serial: TP:1765
- Measurement SW: DASY52, Version 52.10 (4); SEMCAD X Version 14.6.14 (7501)

System Performance Check at Frequency 3900 MHz Head Tissue/d=10mm, Pin=40 mW, dist=1.4mm (EX-Probe)/Zoom Scan (7x7x7)/Cube 0: Measurement grid: dx=5mm, dy=5mm, dz=5mm
Reference Value = 45.32 V/m; Power Drift = 0.01 dB
Peak SAR (extrapolated) = 7.32 W/kg
SAR(1 g) = 2.73 W/kg; SAR(10 g) = 0.959 W/kg
Smallest distance from peaks to all points 3 dB below = 8 mm
Ratio of SAR at M2 to SAR at M1 = 36.4%
Maximum value of SAR (measured) = 5.53 W/kg

System Performance Check at Frequency 3900 MHz Head Tissue/d=10mm, Pin=40 mW, dist=1.4mm (EX-Probe)/Area Scan (51x51x1): Interpolated grid: dx=1.200 mm, dy=1.200 mm
Maximum value of SAR (interpolated) = 5.63 W/kg



$$0 \text{ dB} = 5.53 \text{ W/kg} = 7.43 \text{ dBW/kg}$$

Test Laboratory: JYTSZ

Date: 3/5/2025

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

Communication System: UID 0, CW (0); Frequency: 5200 MHz; Duty Cycle: 1:1
Medium parameters used: $f = 5200$ MHz; $\sigma = 4.587$ S/m; $\epsilon_r = 35.473$; $\rho = 1000$ kg/m³
Phantom section: Flat Section

DASY5 Configuration:

- Probe: EX3DV4 - SN3924; ConvF(5.4, 5.4, 5.4) @ 5200 MHz; Calibrated: 3/20/2024
- Sensor-Surface: 1.4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1452; Calibrated: 3/26/2024
- Phantom: SAM 5.0; Type: QD000P40CD; Serial: TP:1765
- Measurement SW: DASY52, Version 52.10 (4); SEMCAD X Version 14.6.14 (7501)

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

Maximum value of SAR (interpolated) = 7.89 W/kg

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

Reference Value = 44.26 V/m; Power Drift = 0.08 dB

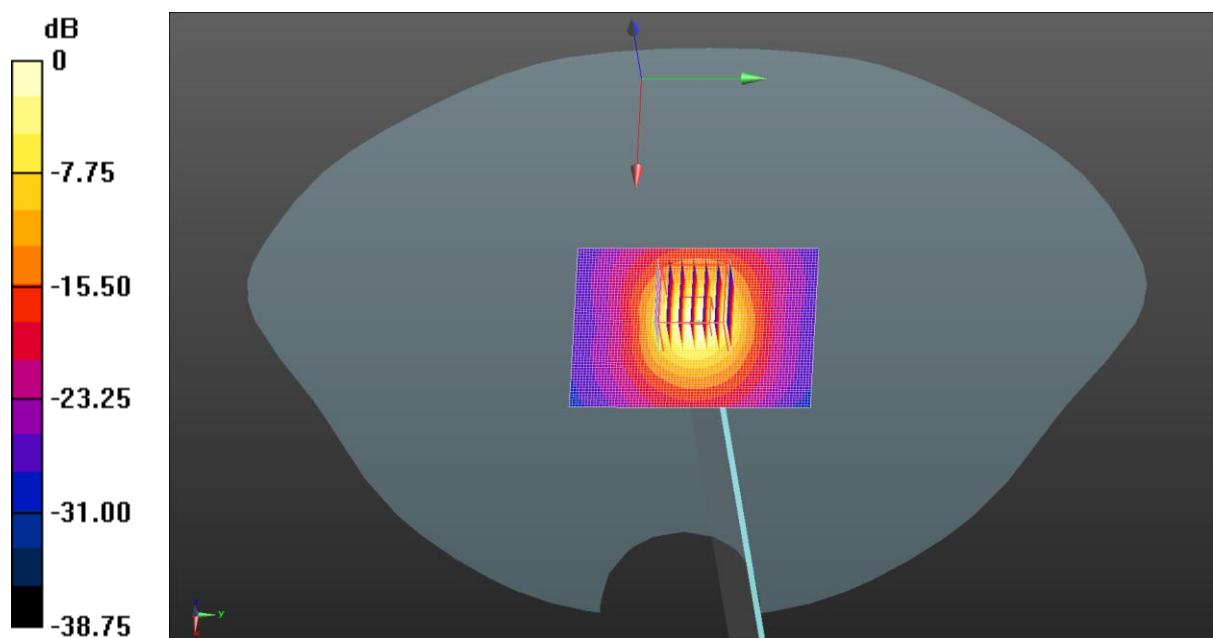
Peak SAR (extrapolated) = 11.5 W/kg

SAR(1 g) = 3.12 W/kg; SAR(10 g) = 0.886 W/kg

Smallest distance from peaks to all points 3 dB below = 7.3 mm

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

Maximum value of SAR (measured) = 7.81 W/kg



0 dB = 7.81 W/kg = 8.93 dBW/kg

Test Laboratory: JYTSZ

Date: 3/5/2025

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

Communication System: UID 0, CW (0); Frequency: 5300 MHz; Duty Cycle: 1:1
Medium parameters used: $f = 5300$ MHz; $\sigma = 4.688$ S/m; $\epsilon_r = 35.359$; $\rho = 1000$ kg/m³
Phantom section: Flat Section

DASY5 Configuration:

- Probe: EX3DV4 - SN3924; ConvF(5.4, 5.4, 5.4) @ 5300 MHz; Calibrated: 3/20/2024
- Sensor-Surface: 1.4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1452; Calibrated: 3/26/2024
- Phantom: SAM 5.0; Type: QD000P40CD; Serial: TP:1765
- Measurement SW: DASY52, Version 52.10 (4); SEMCAD X Version 14.6.14 (7501)

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

Maximum value of SAR (interpolated) = 8.16 W/kg

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

Reference Value = 45.26 V/m; Power Drift = 0.11 dB

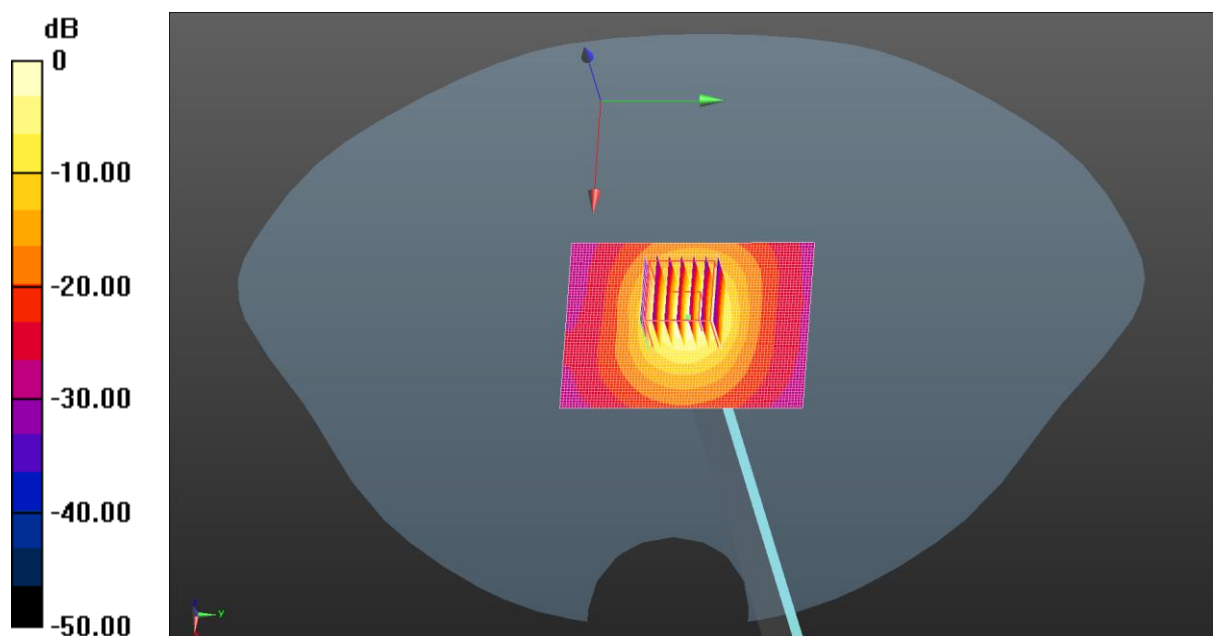
Peak SAR (extrapolated) = 12.5 W/kg

SAR(1 g) = 3.22 W/kg; SAR(10 g) = 0.901 W/kg

Smallest distance from peaks to all points 3 dB below = 7.3 mm

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

Maximum value of SAR (measured) = 8.18 W/kg



0 dB = 8.18 W/kg = 9.13 dBW/kg

Test Laboratory: JYTSZ

Date: 3/8/2025

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

Communication System: UID 0, CW (0); Frequency: 5600 MHz; Duty Cycle: 1:1
Medium parameters used: $f = 5600$ MHz; $\sigma = 4.991$ S/m; $\epsilon_r = 35.016$; $\rho = 1000$ kg/m³
Phantom section: Flat Section

DASY5 Configuration:

- Probe: EX3DV4 - SN3924; ConvF(4.78, 4.78, 4.78) @ 5600 MHz; Calibrated: 3/20/2024
- Sensor-Surface: 1.4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1452; Calibrated: 3/26/2024
- Phantom: SAM 5.0; Type: QD000P40CD; Serial: TP:1765
- Measurement SW: DASY52, Version 52.10 (4); SEMCAD X Version 14.6.14 (7501)

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

Maximum value of SAR (interpolated) = 8.63 W/kg

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

Reference Value = 44.21 V/m; Power Drift = 0.12 dB

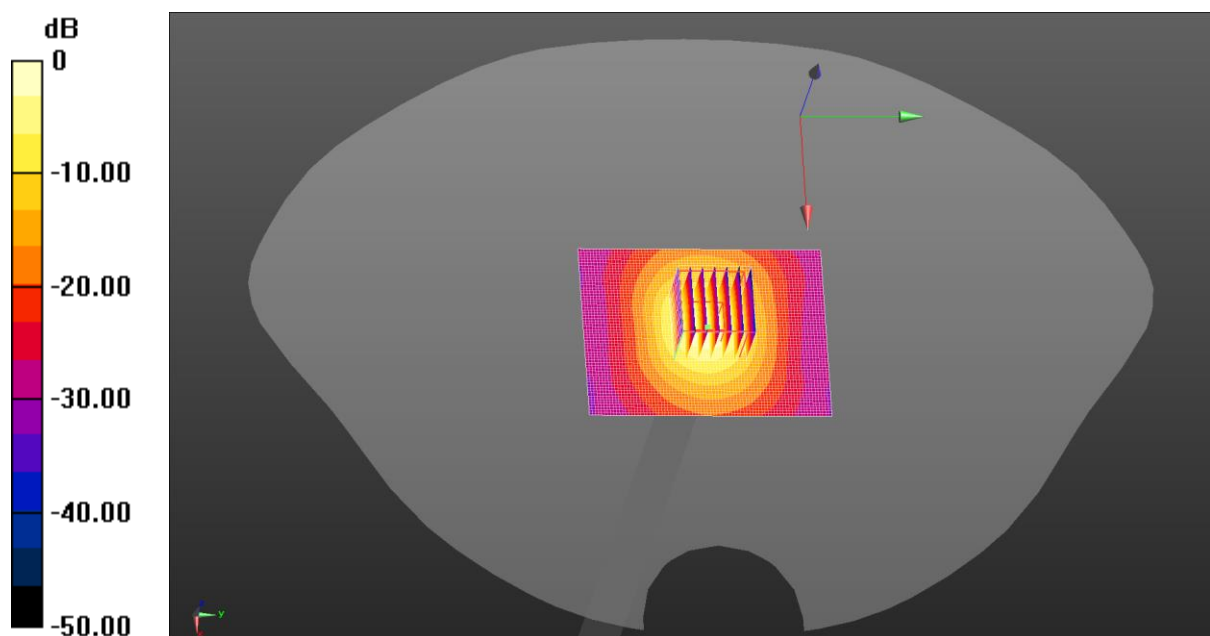
Peak SAR (extrapolated) = 14.4 W/kg

SAR(1 g) = 3.37 W/kg; SAR(10 g) = 0.947 W/kg

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

Ratio of SAR at M2 to SAR at M1 = 52.4%

Maximum value of SAR (measured) = 8.62 W/kg



$$0 \text{ dB} = 8.63 \text{ W/kg} = 9.36 \text{ dBW/kg}$$

Test Laboratory: JYTSZ

Date: 3/8/2025

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

Communication System: UID 0, CW (0); Frequency: 5800 MHz; Duty Cycle: 1:1
Medium parameters used: $f = 5800$ MHz; $\sigma = 5.194$ S/m; $\epsilon_r = 34.788$; $\rho = 1000$ kg/m³
Phantom section: Flat Section

DASY5 Configuration:

- Probe: EX3DV4 - SN3924; ConvF(4.93, 4.93, 4.93) @ 5800 MHz; Calibrated: 3/20/2024
- Sensor-Surface: 1.4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1452; Calibrated: 3/26/2024
- Phantom: SAM 5.0; Type: QD000P40CD; Serial: TP:1765
- Measurement SW: DASY52, Version 52.10 (4); SEMCAD X Version 14.6.14 (7501)

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

Maximum value of SAR (interpolated) = 8.31 W/kg

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

Reference Value = 42.49 V/m; Power Drift = 0.15 dB

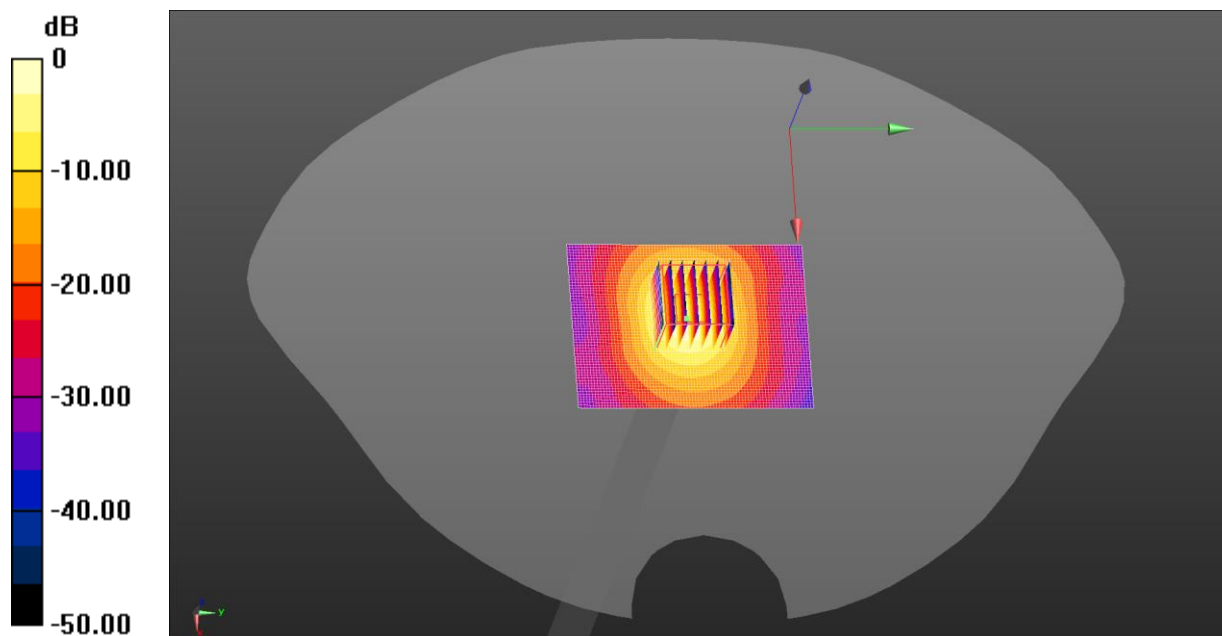
Peak SAR (extrapolated) = 13.8 W/kg

SAR(1 g) = 3.17 W/kg; SAR(10 g) = 0.888 W/kg

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

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

Maximum value of SAR (measured) = 8.33 W/kg



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

Appendix B: Plots of SAR Test Data

Test Laboratory: JYTSZ

Date: 2/12/2025

DUT: Mobile Phone; Type: X6870; Serial: SZR142500010-2

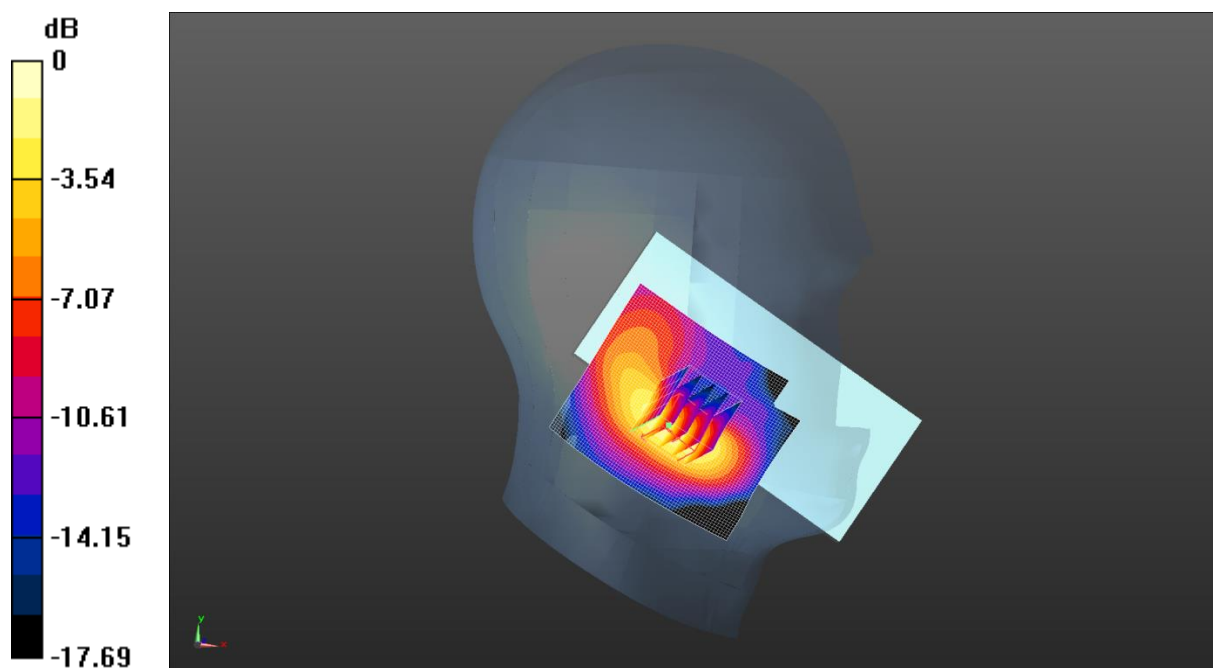
Communication System: UID 0, GSM (0); Frequency: 848.8 MHz; Duty Cycle: 1:8.30042
Medium parameters used (interpolated): $f = 848.8$ MHz; $\sigma = 0.899$ S/m; $\epsilon_r = 40.724$; $\rho = 1000$ kg/m³
Phantom section: Left Section

DASY5 Configuration:

- Probe: EX3DV4 - SN3924; ConvF(9.85, 9.85, 9.85) @ 848.8 MHz; Calibrated: 3/20/2024
- Sensor-Surface: 1.4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1452; Calibrated: 3/26/2024
- Phantom: SAM 5.0; Type: QD000P40CD; Serial: TP:1765
- Measurement SW: DASY52, Version 52.10 (4); SEMCAD X Version 14.6.14 (7501)

GSM 850 Left Cheek/High Channel/Area Scan (61x71x1): Interpolated grid:
dx=1.500 mm, dy=1.500 mm
Maximum value of SAR (interpolated) = 0.295 W/kg

GSM 850 Left Cheek/High Channel/Zoom Scan (5x5x7)/Cube 0: Measurement
grid: dx=8mm, dy=8mm, dz=5mm
Reference Value = 6.829 V/m; Power Drift = 0.10 dB
Peak SAR (extrapolated) = 0.496 W/kg
SAR(1 g) = 0.245 W/kg; SAR(10 g) = 0.136 W/kg
Smallest distance from peaks to all points 3 dB below = 8.2 mm
Ratio of SAR at M2 to SAR at M1 = 49.9%
Maximum value of SAR (measured) = 0.375 W/kg



0 dB = 0.375 W/kg = -4.26 dBW/kg

Test Laboratory: JYTSZ

Date: 1/17/2025

DUT: Mobile Phone; Type: X6870; Serial: SZR142500010-2

Communication System: UID 0, GSM (0); Frequency: 1909.8 MHz; Duty Cycle: 1:8.30042

Medium parameters used: $f = 1910$ MHz; $\sigma = 1.362$ S/m; $\epsilon_r = 39.733$; $\rho = 1000$ kg/m³

Phantom section: Right Section

DASY5 Configuration:

- Probe: EX3DV4 - SN3924; ConvF(8.12, 8.12, 8.12) @ 1909.8 MHz; Calibrated: 3/20/2024
- Sensor-Surface: 1.4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1452; Calibrated: 3/26/2024
- Phantom: SAM 5.0; Type: QD000P40CD; Serial: TP:1765
- Measurement SW: DASY52, Version 52.10 (4); SEMCAD X Version 14.6.14 (7501)

GSM 1900 Right Tilted/High Channel/Area Scan (61x71x1): Interpolated grid:

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

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

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

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

Reference Value = 13.79 V/m; Power Drift = 0.13 dB

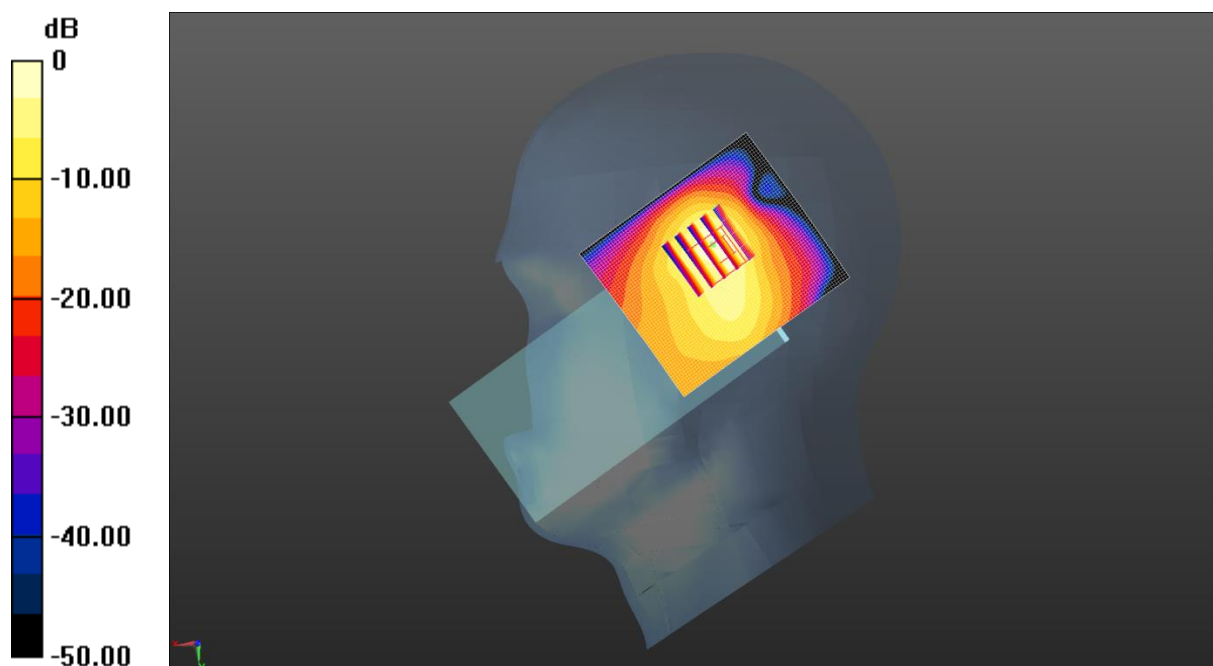
Peak SAR (extrapolated) = 0.721 W/kg

SAR(1 g) = 0.335 W/kg; SAR(10 g) = 0.161 W/kg

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

Ratio of SAR at M2 to SAR at M1 = 49.7%

Maximum value of SAR (measured) = 0.513 W/kg



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

Test Laboratory: JYTSZ

Date: 1/17/2025

DUT: Mobile Phone; Type: X6870; Serial: SZR142500010-2

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

Medium parameters used (interpolated): $f = 1907.6$ MHz; $\sigma = 1.362$ S/m; $\epsilon_r = 39.733$; $\rho = 1000$ kg/m³

Phantom section: Right Section

DASY5 Configuration:

- Probe: EX3DV4 - SN3924; ConvF(8.12, 8.12, 8.12) @ 1907.6 MHz; Calibrated: 3/20/2024
- Sensor-Surface: 1.4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1452; Calibrated: 3/26/2024
- Phantom: SAM 5.0; Type: QD000P40CD; Serial: TP:1765
- Measurement SW: DASY52, Version 52.10 (4); SEMCAD X Version 14.6.14 (7501)

WCDMA 1900 Right Tilted/High Channel/Area Scan (61x71x1): Interpolated grid:
dx=1.500 mm, dy=1.500 mm
Maximum value of SAR (interpolated) = 1.13 W/kg

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

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

Reference Value = 16.78 V/m; Power Drift = 0.05 dB

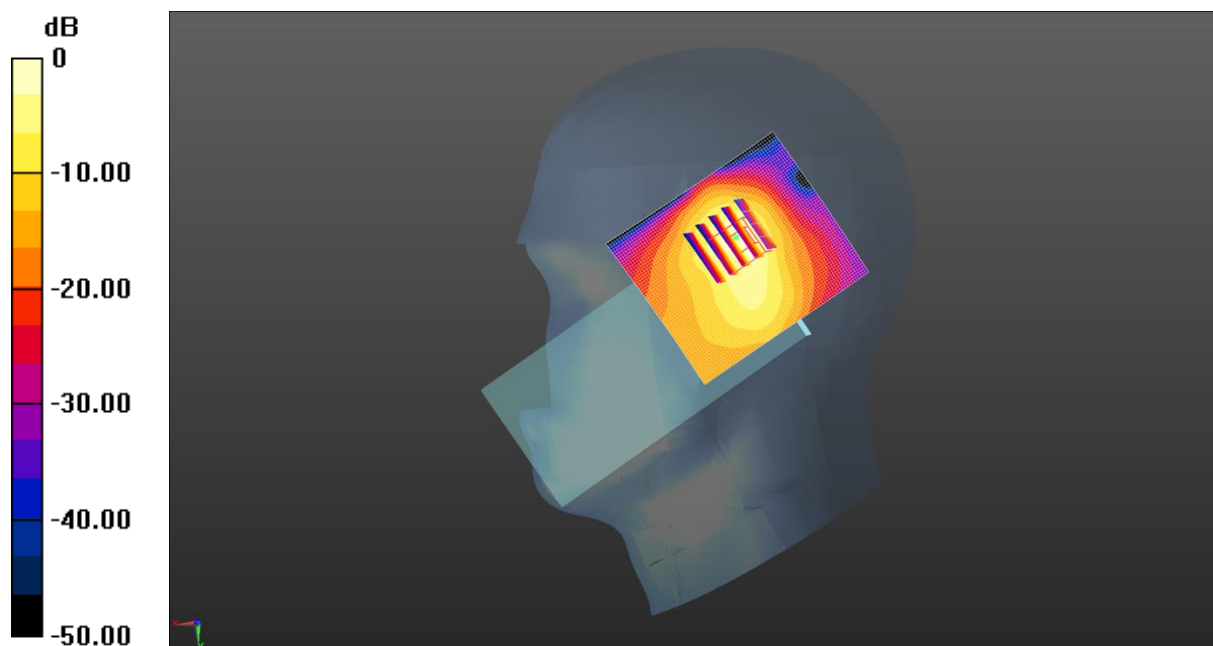
Peak SAR (extrapolated) = 1.13 W/kg

SAR(1 g) = 0.514 W/kg; SAR(10 g) = 0.244 W/kg

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

Ratio of SAR at M2 to SAR at M1 = 48.5%

Maximum value of SAR (measured) = 0.800 W/kg



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

Test Laboratory: JYTSZ

Date: 1/23/2025

DUT: Mobile Phone; Type: X6870; Serial: SZR142500010-2

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

Medium parameters used (interpolated): $f = 1712.4$ MHz; $\sigma = 1.316$ S/m; $\epsilon_r = 39.871$; $\rho = 1000$ kg/m³

Phantom section: Right Section

DASY5 Configuration:

- Probe: EX3DV4 - SN3924; ConvF(8.52, 8.52, 8.52) @ 1712.4 MHz; Calibrated: 3/20/2024
- Sensor-Surface: 1.4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1452; Calibrated: 3/26/2024
- Phantom: SAM 5.0; Type: QD000P40CD; Serial: TP:1765
- Measurement SW: DASY52, Version 52.10 (4); SEMCAD X Version 14.6.14 (7501)

WCDMA 1700 Right Tilted/Low Channel/Area Scan (61x71x1): Interpolated grid:
dx=1.500 mm, dy=1.500 mm

Maximum value of SAR (interpolated) = 0.648 W/kg

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

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

Reference Value = 16.35 V/m; Power Drift = 0.04 dB

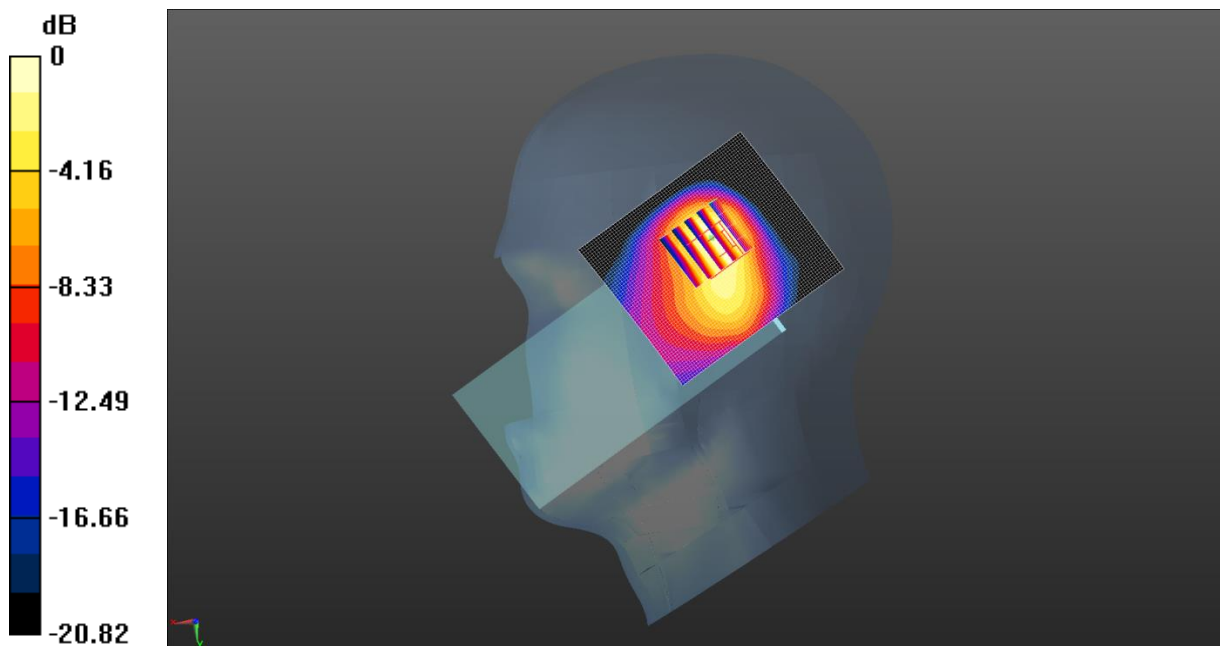
Peak SAR (extrapolated) = 0.696 W/kg

SAR(1 g) = 0.340 W/kg; SAR(10 g) = 0.175 W/kg

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

Ratio of SAR at M2 to SAR at M1 = 52.3%

Maximum value of SAR (measured) = 0.529 W/kg



0 dB = 0.529 W/kg = -2.77 dBW/kg

Test Laboratory: JYTSZ

Date: 2/12/2025

DUT: Mobile Phone; Type: X6870; Serial: SZR142500010-2

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

Medium parameters used (interpolated): $f = 836.6$ MHz; $\sigma = 0.895$ S/m; $\epsilon_r = 40.769$; $\rho = 1000$ kg/m³

Phantom section: Left Section

DASY5 Configuration:

- Probe: EX3DV4 - SN3924; ConvF(9.85, 9.85, 9.85) @ 836.6 MHz; Calibrated: 3/20/2024
- Sensor-Surface: 1.4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1452; Calibrated: 3/26/2024
- Phantom: SAM 5.0; Type: QD000P40CD; Serial: TP:1765
- Measurement SW: DASY52, Version 52.10 (4); SEMCAD X Version 14.6.14 (7501)

WCDMA 850 Left Cheek/Middle Channel/Area Scan (61x71x1): Interpolated grid:
dx=1.500 mm, dy=1.500 mm
Maximum value of SAR (interpolated) = 0.975 W/kg

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

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

Reference Value = 9.319 V/m; Power Drift = -0.02 dB

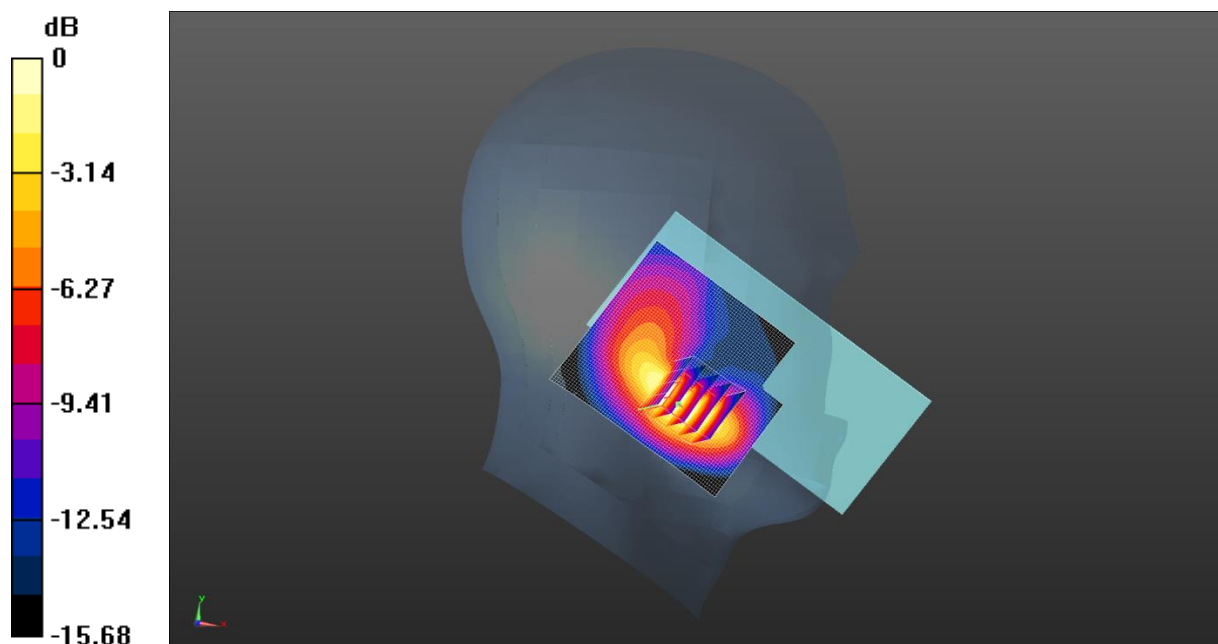
Peak SAR (extrapolated) = 1.17 W/kg

SAR(1 g) = 0.559 W/kg; SAR(10 g) = 0.310 W/kg

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

Ratio of SAR at M2 to SAR at M1 = 55.9%

Maximum value of SAR (measured) = 0.786 W/kg



0 dB = 0.786 W/kg = -1.05 dBW/kg

Test Laboratory: JYTSZ

Date: 1/17/2025

DUT: Mobile Phone; Type: X6870; Serial: SZR142500010-2

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

Medium parameters used: $f = 1900$ MHz; $\sigma = 1.363$ S/m; $\epsilon_r = 39.733$; $\rho = 1000$ kg/m³

Phantom section: Right Section

DASY5 Configuration:

- Probe: EX3DV4 - SN3924; ConvF(8.12, 8.12, 8.12) @ 1900 MHz; Calibrated: 3/20/2024
- Sensor-Surface: 1.4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1452; Calibrated: 3/26/2024
- Phantom: SAM 5.0; Type: QD000P40CD; Serial: TP:1765
- Measurement SW: DASY52, Version 52.10 (4); SEMCAD X Version 14.6.14 (7501)

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

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

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

LTE Band 2 1RB(20MHz) Right Tilted/High Channel/Zoom Scan

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

Reference Value = 15.23 V/m; Power Drift = 0.05 dB

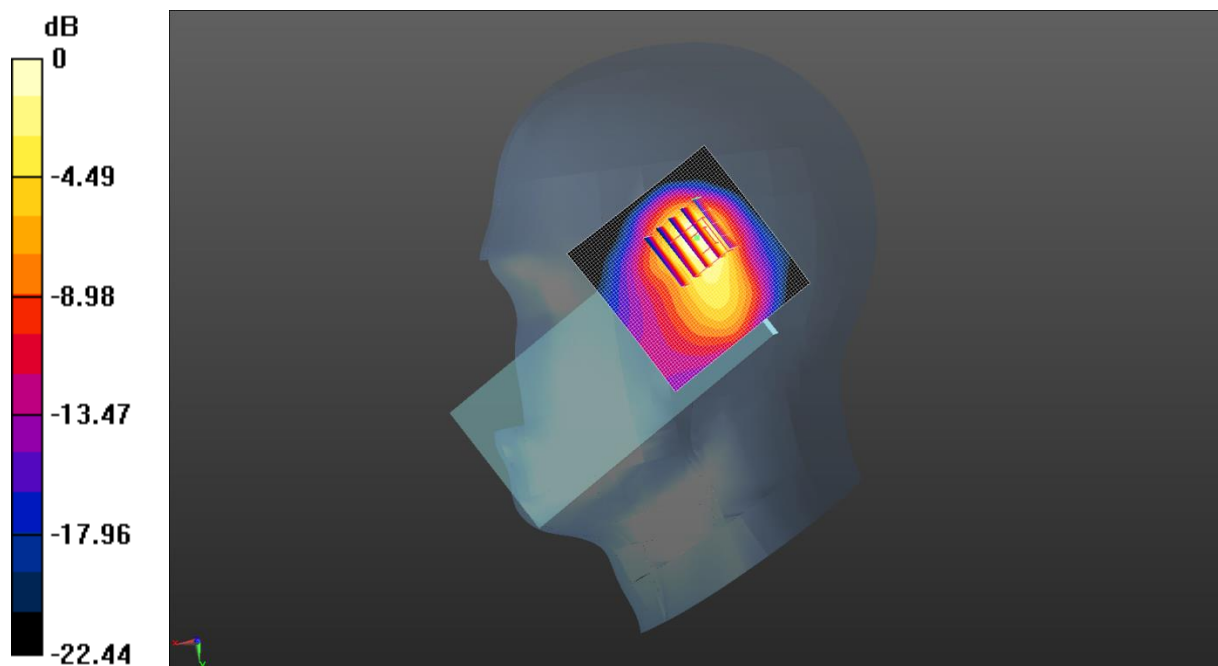
Peak SAR (extrapolated) = 0.824 W/kg

SAR(1 g) = 0.387 W/kg; SAR(10 g) = 0.186 W/kg

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

Ratio of SAR at M2 to SAR at M1 = 50%

Maximum value of SAR (measured) = 0.596 W/kg



0 dB = 0.596 W/kg = -2.25 dBW/kg

Test Laboratory: JYTSZ

Date: 1/23/2025

DUT: Mobile Phone; Type: X6870; Serial: SZR142500010-2

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

Medium parameters used (interpolated): $f = 1745$ MHz; $\sigma = 1.334$ S/m; $\epsilon_r = 39.819$; $\rho = 1000$ kg/m³

Phantom section: Right Section

DASY5 Configuration:

- Probe: EX3DV4 - SN3924; ConvF(8.52, 8.52, 8.52) @ 1745 MHz; Calibrated: 3/20/2024
- Sensor-Surface: 1.4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1452; Calibrated: 3/26/2024
- Phantom: SAM 5.0; Type: QD000P40CD; Serial: TP:1765
- Measurement SW: DASY52, Version 52.10 (4); SEMCAD X Version 14.6.14 (7501)

LTE Band 4 1RB(20MHz) Right Cheek/High Channel/Area Scan (51x51x1):

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

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

LTE Band 4 1RB(20MHz) Right Cheek/High Channel/Zoom Scan

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

Reference Value = 9.820 V/m; Power Drift = 0.20 dB

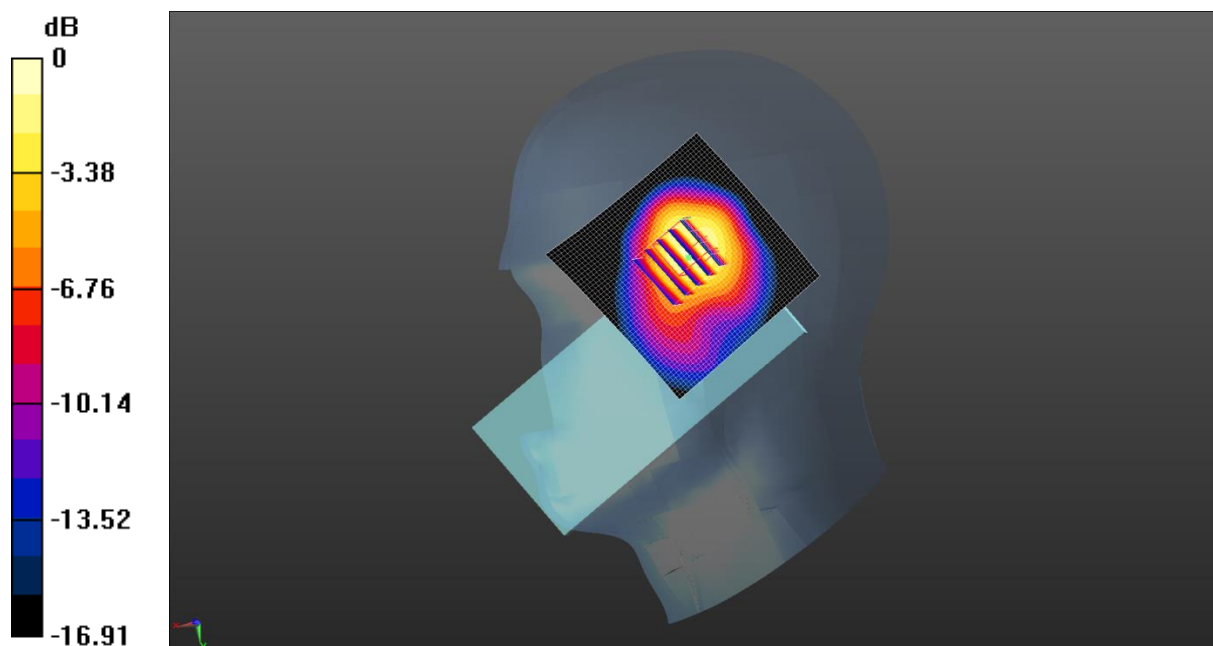
Peak SAR (extrapolated) = 1.10 W/kg

SAR(1 g) = 0.468 W/kg; SAR(10 g) = 0.282 W/kg

Smallest distance from peaks to all points 3 dB below = 16 mm

Ratio of SAR at M2 to SAR at M1 = 45.8%

Maximum value of SAR (measured) = 0.846 W/kg



0 dB = 0.846 W/kg = -0.73 dBW/kg

Test Laboratory: JYTSZ

Date: 2/12/2025

DUT: Mobile Phone; Type: X6870; Serial: SZR142500010-2

Communication System: UID 0, LTE-Fdd(USA) 1RB QPSK (0); Frequency: 844 MHz; Duty Cycle: 1:1

Medium parameters used (interpolated): $f = 844$ MHz; $\sigma = 0.897$ S/m; $\epsilon_r = 40.742$; $\rho = 1000$ kg/m³

Phantom section: Left Section

DASY5 Configuration:

- Probe: EX3DV4 - SN3924; ConvF(9.85, 9.85, 9.85) @ 844 MHz; Calibrated: 3/20/2024
- Sensor-Surface: 1.4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1452; Calibrated: 3/26/2024
- Phantom: SAM 5.0; Type: QD000P40CD; Serial: TP:1765
- Measurement SW: DASY52, Version 52.10 (4); SEMCAD X Version 14.6.14 (7501)

LTE Band 5 1RB(10MHz) Left Cheek/High Channel/Area Scan (61x71x1):

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

Maximum value of SAR (interpolated) = 1.19 W/kg

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

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

Reference Value = 9.564 V/m; Power Drift = -0.04 dB

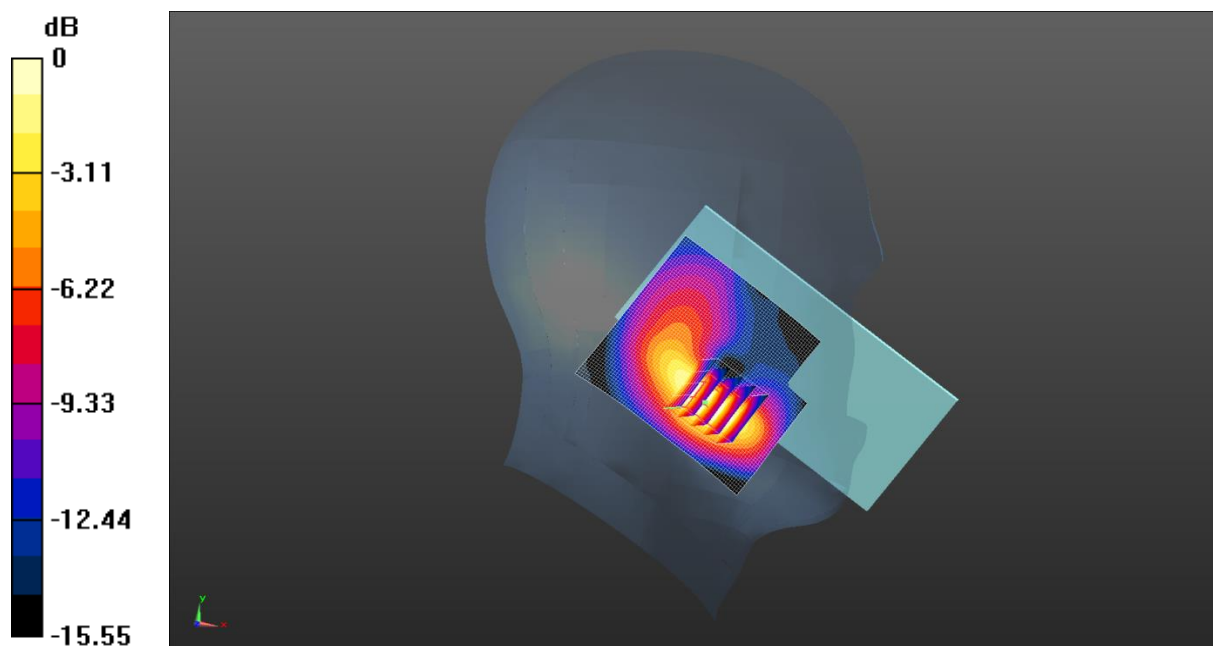
Peak SAR (extrapolated) = 1.33 W/kg

SAR(1 g) = 0.640 W/kg; SAR(10 g) = 0.355 W/kg

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

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

Maximum value of SAR (measured) = 0.902 W/kg



0 dB = 0.902 W/kg = -0.45 dBW/kg

Test Laboratory: JYTSZ

Date: 2/22/2025

DUT: Mobile Phone; Type: X6870; Serial: SZR142500010-2

Communication System: UID 0, LTE-Fdd(USA) 1RB QPSK (0); Frequency: 2560 MHz; Duty Cycle: 1:1

Medium parameters used: $f = 2560$ MHz; $\sigma = 1.87$ S/m; $\epsilon_r = 38.792$; $\rho = 1000$ kg/m³

Phantom section: Right Section

DASY5 Configuration:

- Probe: EX3DV4 - SN3924; ConvF(7.41, 7.41, 7.41) @ 2560 MHz; Calibrated: 3/20/2024
- Sensor-Surface: 1.4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1452; Calibrated: 3/26/2024
- Phantom: SAM 5.0; Type: QD000P40CD; Serial: TP:1765
- Measurement SW: DASY52, Version 52.10 (4); SEMCAD X Version 14.6.14 (7501)

LTE Band 7 1RB(20MHz) Right Tilted/High Channel/Area Scan (41x41x1):

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

Maximum value of SAR (interpolated) = 0.622 W/kg

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

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

Reference Value = 16.02 V/m; Power Drift = -0.05 dB

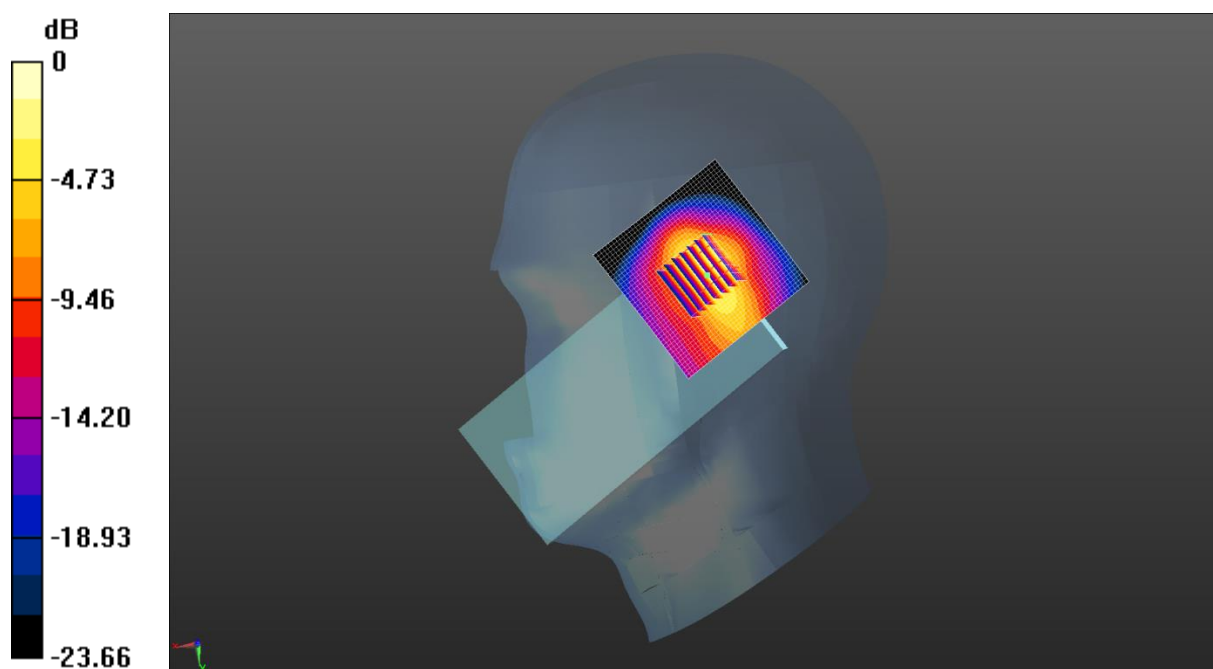
Peak SAR (extrapolated) = 1.38 W/kg

SAR(1 g) = 0.596 W/kg; SAR(10 g) = 0.251 W/kg

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

Ratio of SAR at M2 to SAR at M1 = 45.7%

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



0 dB = 1.00 W/kg = 0.01 dBW/kg

Test Laboratory: JYTSZ

Date: 2/8/2025

DUT: Mobile Phone; Type: X6870; Serial: SZR142500010-2

Communication System: UID 0, LTE-Fdd(USA) 1RB QPSK (0); Frequency: 704 MHz; Duty Cycle: 1:1

Medium parameters used (interpolated): $f = 704 \text{ MHz}$; $\sigma = 0.876 \text{ S/m}$; $\epsilon_r = 41.401$; $\rho = 1000 \text{ kg/m}^3$

Phantom section: Left Section

DASY5 Configuration:

- Probe: EX3DV4 - SN3924; ConvF(10.23, 10.23, 10.23) @ 704 MHz; Calibrated: 3/20/2024
- Sensor-Surface: 1.4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1452; Calibrated: 3/26/2024
- Phantom: SAM 5.0; Type: QD000P40CD; Serial: TP:1765
- Measurement SW: DASY52, Version 52.10 (4); SEMCAD X Version 14.6.14 (7501)

LTE band 12 1RB(10MHz) Left Cheek/Low Channel/Area Scan (61x71x1):

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

Maximum value of SAR (interpolated) = 0.662 W/kg

LTE band 12 1RB(10MHz) Left Cheek/Low Channel/Zoom Scan (5x5x7)/Cube

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

Reference Value = 8.980 V/m ; Power Drift = -0.04 dB

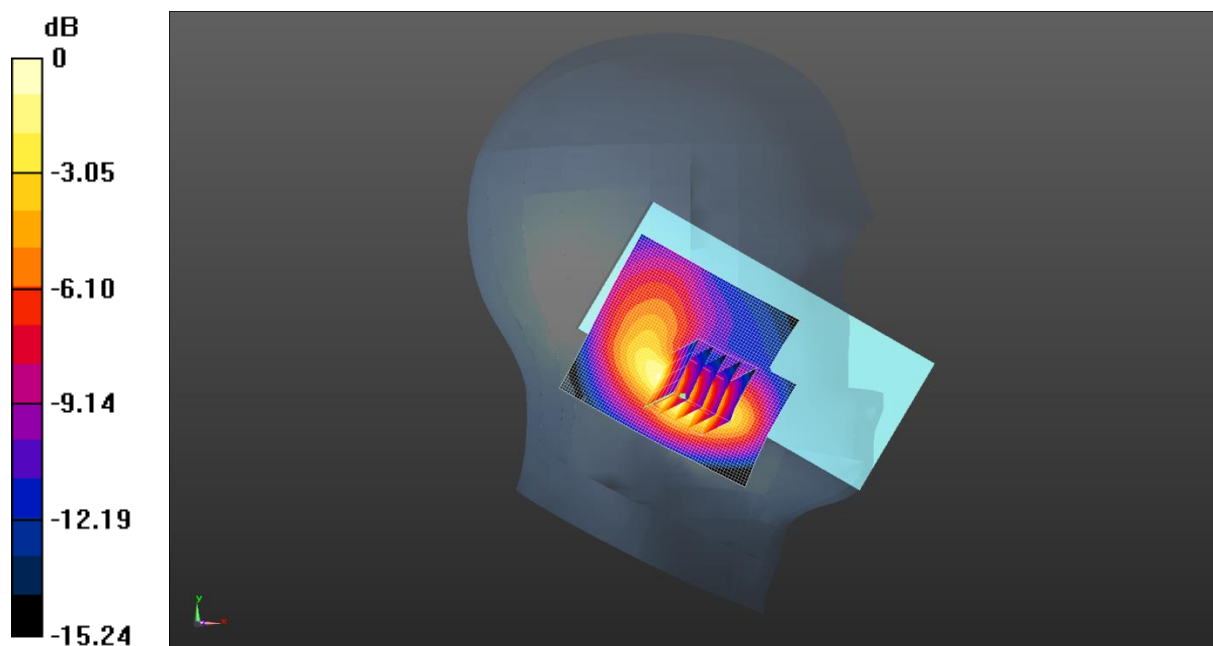
Peak SAR (extrapolated) = 0.844 W/kg

SAR(1 g) = 0.398 W/kg ; SAR(10 g) = 0.222 W/kg

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

Ratio of SAR at M2 to SAR at M1 = 55.3%

Maximum value of SAR (measured) = 0.567 W/kg



Test Laboratory: JYTSZ

Date: 2/8/2025

DUT: Mobile Phone; Type: X6870; Serial: SZR142500010-2

Communication System: UID 0, LTE-Fdd(USA) 1RB QPSK (0); Frequency: 711 MHz; Duty Cycle: 1:1

Medium parameters used (interpolated): $f = 711$ MHz; $\sigma = 0.876$ S/m; $\epsilon_r = 41.364$; $\rho = 1000$ kg/m³

Phantom section: Left Section

DASY5 Configuration:

- Probe: EX3DV4 - SN3924; ConvF(10.23, 10.23, 10.23) @ 711 MHz; Calibrated: 3/20/2024
- Sensor-Surface: 1.4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1452; Calibrated: 3/26/2024
- Phantom: SAM 5.0; Type: QD000P40CD; Serial: TP:1765
- Measurement SW: DASY52, Version 52.10 (4); SEMCAD X Version 14.6.14 (7501)

LTE band 17 1RB(10MHz) Left Cheek/Low Channel/Area Scan (61x71x1):

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

Maximum value of SAR (interpolated) = 0.834 W/kg

LTE band 17 1RB(10MHz) Left Cheek/Low Channel/Zoom Scan (5x5x7)/Cube

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

Reference Value = 10.21 V/m; Power Drift = -0.04 dB

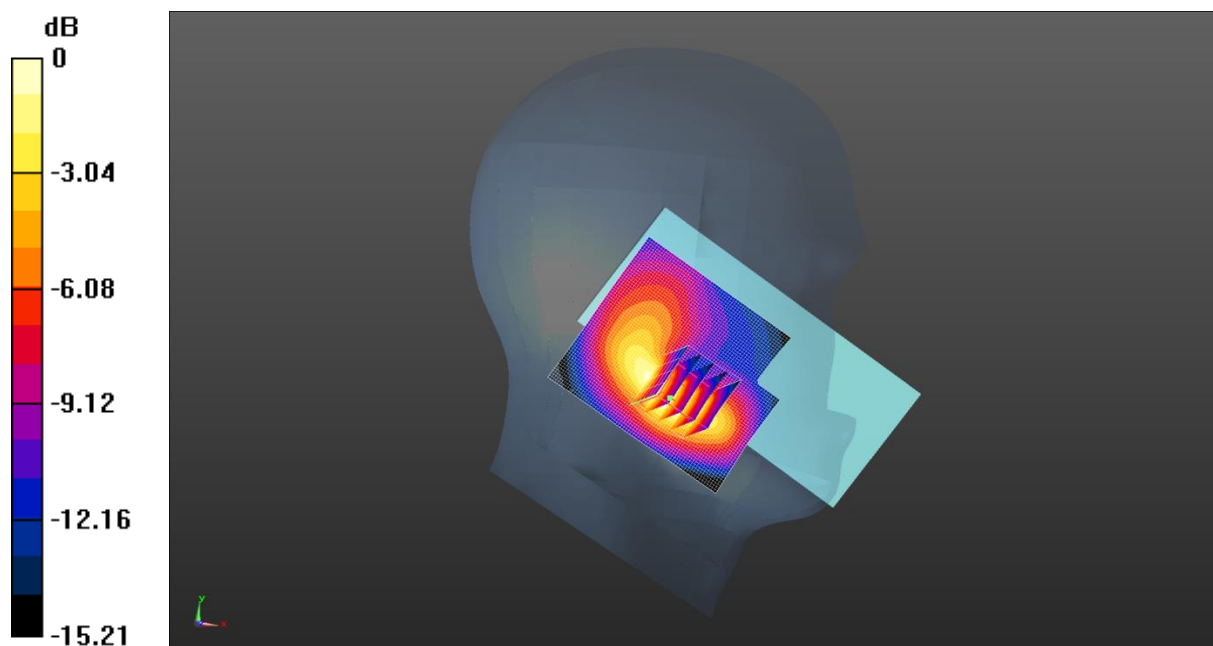
Peak SAR (extrapolated) = 1.05 W/kg

SAR(1 g) = 0.488 W/kg; SAR(10 g) = 0.273 W/kg

Smallest distance from peaks to all points 3 dB below = 5 mm

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

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



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

Test Laboratory: JYTSZ

Date: 2/22/2025

DUT: Mobile Phone; Type: X6870; Serial: SZR142500010-2

Communication System: UID 0, LTE-TDD(USA) 20MHz 1RB QPSK (0); Frequency: 2610 MHz; Duty Cycle: 1:1.59956

Medium parameters used: $f = 2610$ MHz; $\sigma = 1.923$ S/m; $\epsilon_r = 38.729$; $\rho = 1000$ kg/m³

Phantom section: Right Section

DASY5 Configuration:

- Probe: EX3DV4 - SN3924; ConvF(7.41, 7.41, 7.41) @ 2610 MHz; Calibrated: 3/20/2024
- Sensor-Surface: 1.4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1452; Calibrated: 3/26/2024
- Phantom: SAM 5.0; Type: QD000P40CD; Serial: TP:1765
- Measurement SW: DASY52, Version 52.10 (4); SEMCAD X Version 14.6.14 (7501)

LTE Band 38 1RB(20MHz) Right Cheek/High Channel/Area Scan (51x51x1):

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

Maximum value of SAR (interpolated) = 0.585 W/kg

LTE Band 38 1RB(20MHz) Right Cheek/High Channel/Zoom Scan

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

Reference Value = 5.587 V/m; Power Drift = -0.08 dB

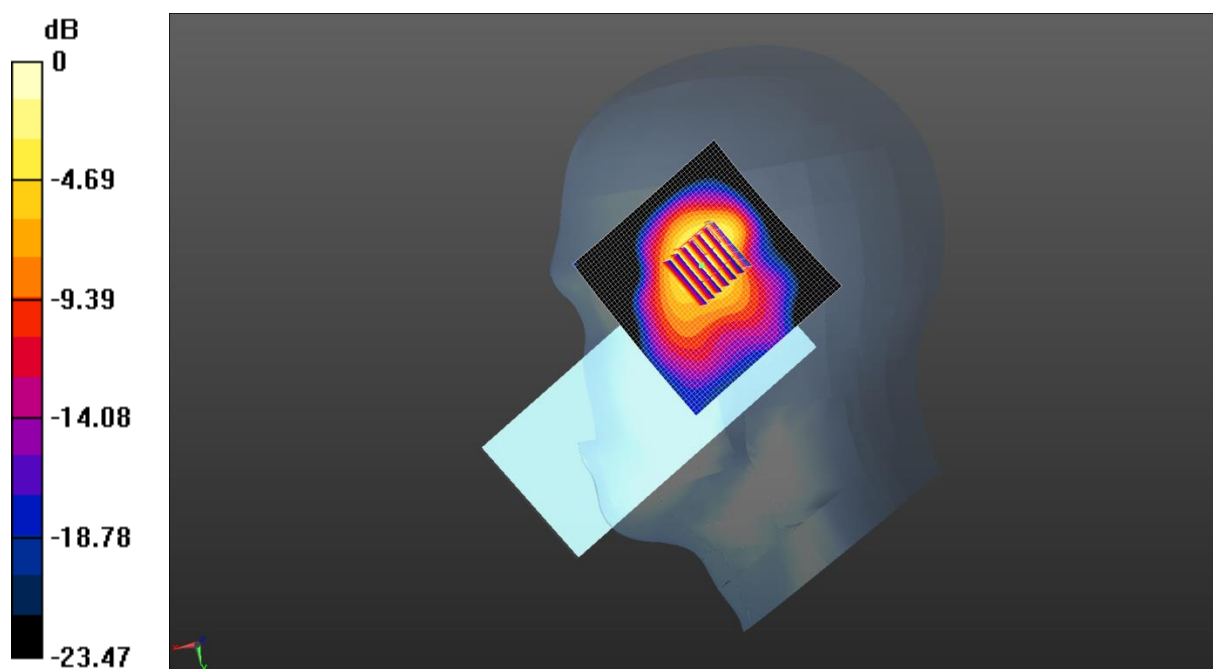
Peak SAR (extrapolated) = 0.906 W/kg

SAR(1 g) = 0.424 W/kg; SAR(10 g) = 0.192 W/kg

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

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

Maximum value of SAR (measured) = 0.717 W/kg



0 dB = 0.717 W/kg = -1.44 dBW/kg

Test Laboratory: JYTSZ

Date: 2/22/2025

DUT: Mobile Phone; Type: X6870; Serial: SZR142500010-2

Communication System: UID 0, LTE-TDD(USA) 20MHz 1RB QPSK (0); Frequency: 2645 MHz; Duty Cycle: 1:1.59956

Medium parameters used (interpolated): $f = 2645$ MHz; $\sigma = 1.961$ S/m; $\epsilon_r = 38.684$; $\rho = 1000$ kg/m³

Phantom section: Right Section

DASY5 Configuration:

- Probe: EX3DV4 - SN3924; ConvF(7.41, 7.41, 7.41) @ 2645 MHz; Calibrated: 3/20/2024
- Sensor-Surface: 1.4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1452; Calibrated: 3/26/2024
- Phantom: SAM 5.0; Type: QD000P40CD; Serial: TP:1765
- Measurement SW: DASY52, Version 52.10 (4); SEMCAD X Version 14.6.14 (7501)

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

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

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

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

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

Reference Value = 15.51 V/m; Power Drift = 0.03 dB

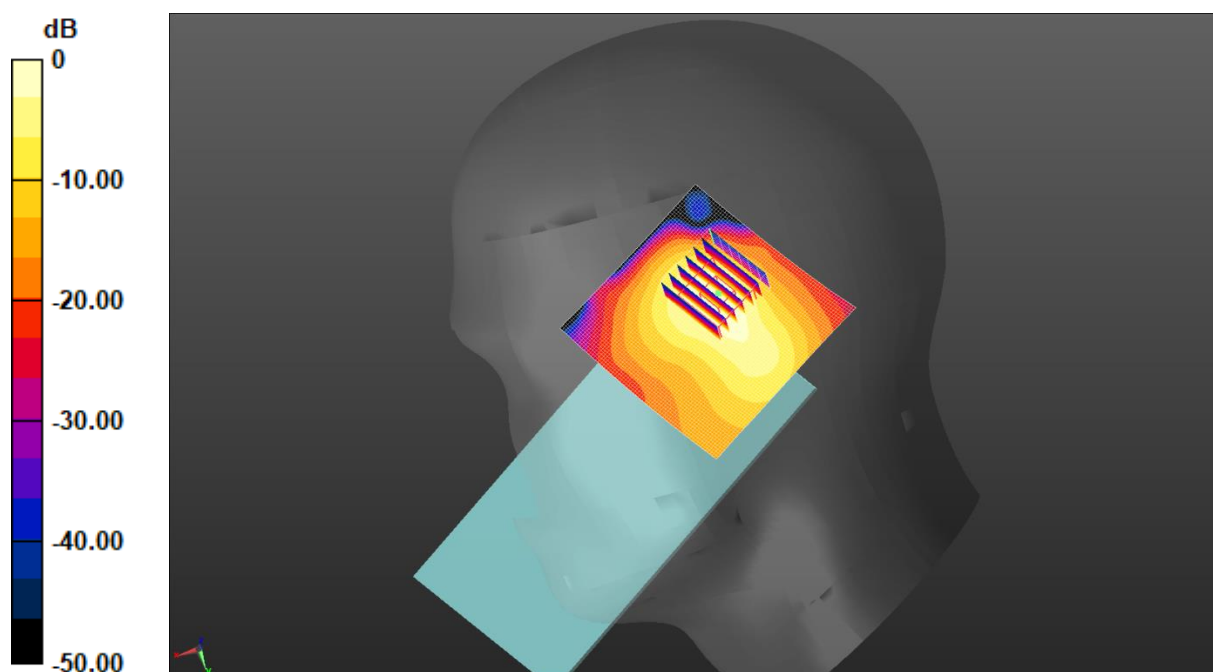
Peak SAR (extrapolated) = 1.10 W/kg

SAR(1 g) = 0.449 W/kg; SAR(10 g) = 0.188 W/kg

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

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

Maximum value of SAR (measured) = 0.851 W/kg



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