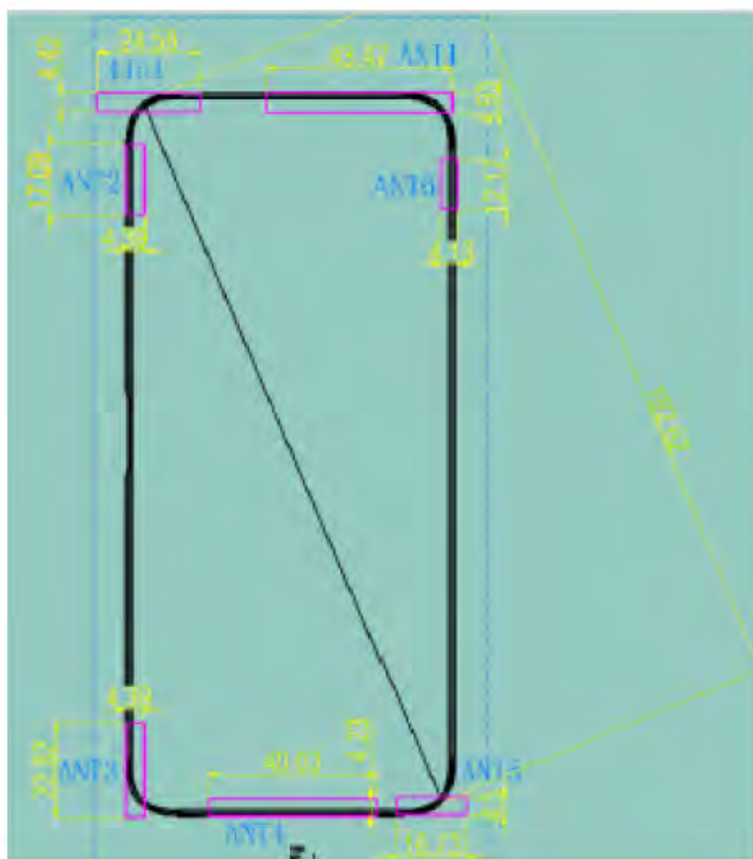


## 6.8 RF exposure conditions

Refer to the follow picture “Antenna information” for the specific details of the antenna-to-antenna and antenna-to-edge(s) distances.



All of Implementation antenna

Antenna	Support Band
Ant1	GSM1900,WCDMA B2/4,LTE B38/41,NR Band 2/7/38/41/66
Ant2	NR Band 78
Ant3	Only RX
Ant4	GSM850,WCDMA B5,LTE B5/7/12/13/17,NR Band 5
Ant5	LTE Band 2/4/66
Ant6	Only RX
Ant7	WIFI 2.4G,WIFI 5G,BT

Note: we defined these position when we face the screen of EUT, the reason why we perform SAR test for these edges is that the structures of antennas is close to our body, and for the other edges do not necessary cause we already consider the worst case.

### 6.8.1 Head Exposure Conditions For WWAN

Test Configurations	SAR Required	Note
Left Touch	Yes	/
Left Tilt (15°)	Yes	/
Right Touch	Yes	/
Right Tilt (15°)	Yes	/

#### For WLAN

Test Configurations	SAR Required	Note
Left Touch	Yes	/
Left Tilt (15°)	Yes	/
Right Touch	Yes	/
Right Tilt (15°)	Yes	/

#### For BT/BLE

Test Configurations	SAR Required	Note
Left Touch	Yes	/
Left Tilt (15°)	Yes	/
Right Touch	Yes	/
Right Tilt (15°)	Yes	/

### 6.8.2 Body Worn Exposure conditions

#### For WWAN

Test Configurations	SAR Required	Note
Back	Yes	/
Front	Yes	/

#### For WLAN

Test Configurations	SAR Required	Note
Back	Yes	/
Front	Yes	/

#### For BT/BLE

Test Configurations	SAR Required	Note
Back	Yes	/
Front	Yes	/

### 6.8.3 Hotspot Exposure conditions For WWAN ANT1

Test Configurations	SAR Required	Antenna-to-edge(s) distances
Back	Yes*	<25mm
Front	Yes*	<25mm
Top	Yes	<25mm
Bottom	No	>25mm
Left	Yes	<25mm
Right	Yes	<25mm

### For WWAN ANT2

Test Configurations	SAR Required	Antenna-to-edge(s) distances
Back	Yes*	<25mm
Front	Yes*	<25mm
Top	Yes	<25mm
Bottom	No	>25mm
Left	No	>25mm
Right	Yes	<25mm

### For WWAN ANT4

Test Configurations	SAR Required	Antenna-to-edge(s) distances
Back	Yes*	<25mm
Front	Yes*	<25mm
Top	No	>25mm
Bottom	Yes	<25mm
Left	Yes	<25mm
Right	Yes	<25mm

### For WLAN ANT5

Test Configurations	SAR Required	Antenna-to-edge(s) distances
Back	Yes*	<25mm
Front	Yes*	<25mm
Top	No	>25mm
Bottom	Yes	<25mm
Left	Yes	<25mm
Right	No	>25mm

## For BT/BLE

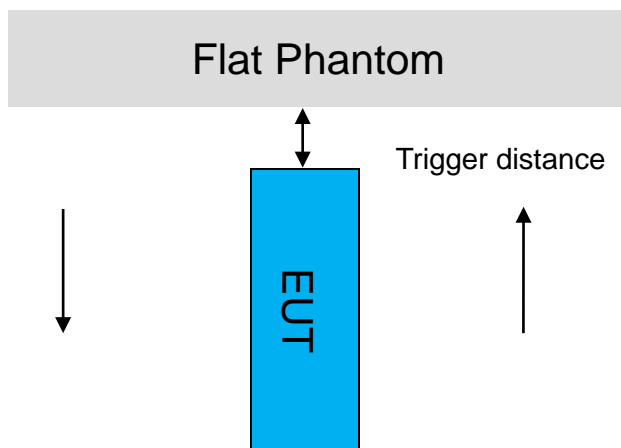
Test Configurations	SAR Required	Antenna-to-edge(s) distances
Back	Yes	<25mm
Front	Yes	<25mm
Top	Yes	<25mm
Bottom	No	>25mm
Left	No	>25mm
Right	Yes	<25mm

**Note\*:** For hotspot mode, it's not necessary test Rear and Front position for several bands which there is no "hotspot power reduction" scheme. Because we already test these positions without hotspot mode in Body Exposure conditions.

## 6.8.4 Proximity Sensor Triggering Test

### Proximity sensor triggering distances:

The Proximity sensor triggering was applied to WWAN antenna. Proximity sensor triggering distance testing was performed according to the procedures outlined in KDB 616217 D04 section 6.2, and EUT moving further away from the flat phantom and EUT moving toward the flat phantom were both assessed.

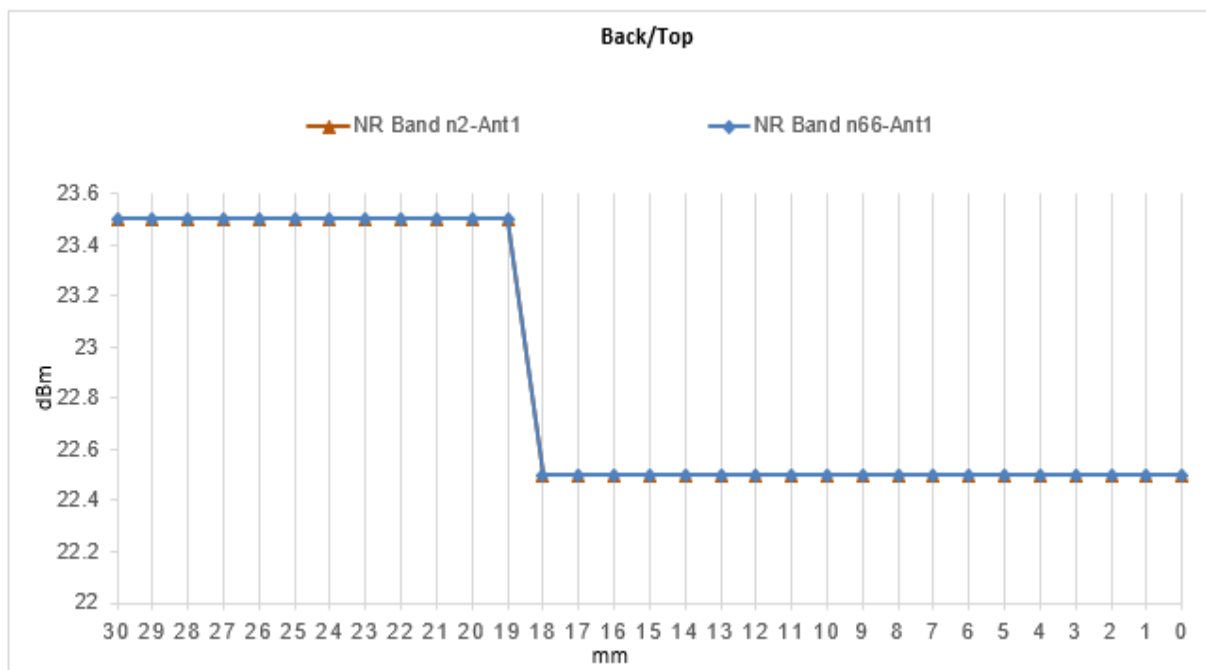
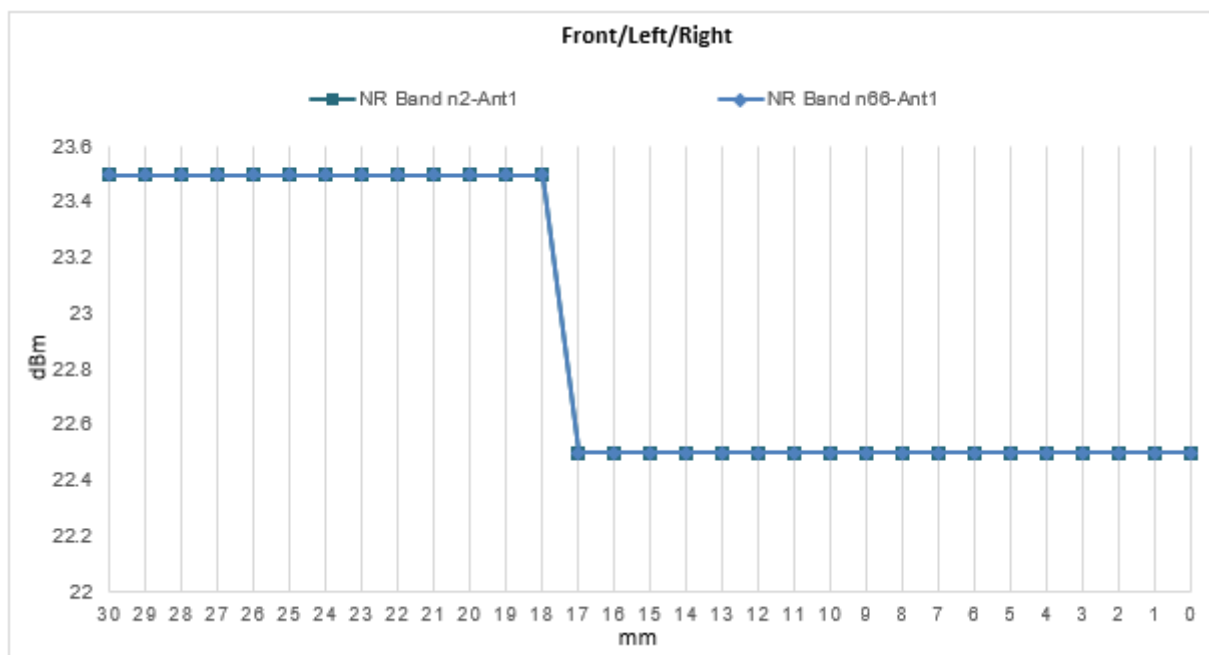


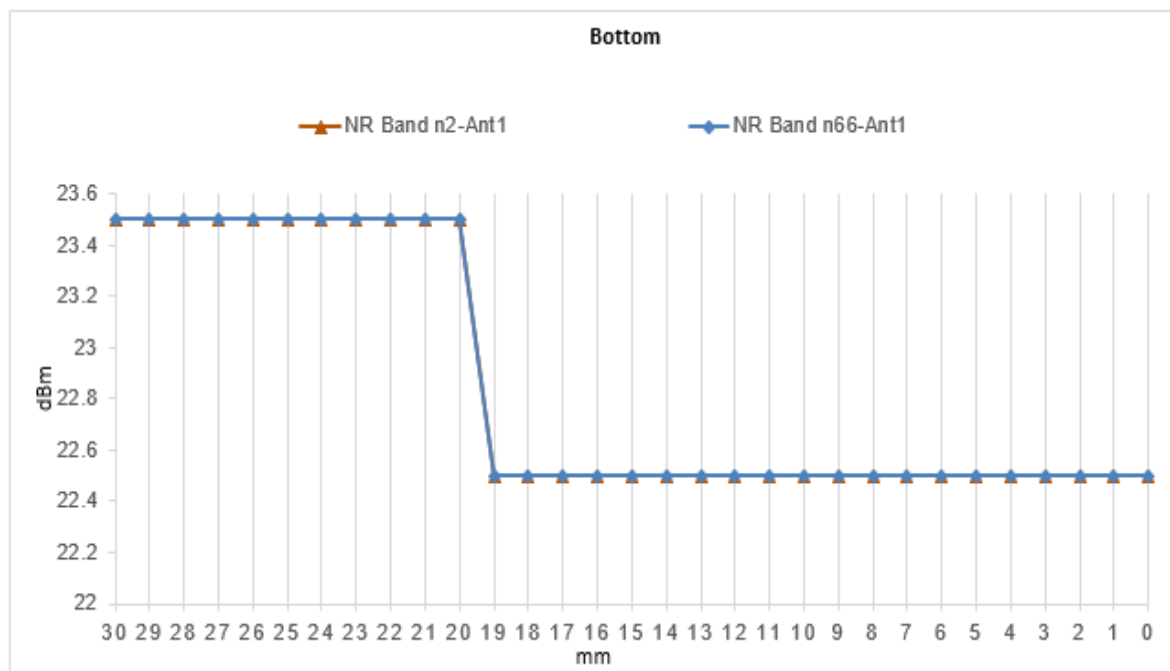
Proximity Sensor Triggering Distance(mm)	
Antenna	Ant1
Band	NR Band n2/66
Position	Front/Back/Left/Right/Top/Bottom
Minimum	Front/Left/Right:17, Back/Top:18, Bottom:19
Required SAR Test	Front/Left/Right:16, Back/Top:17, Bottom:18

Note:

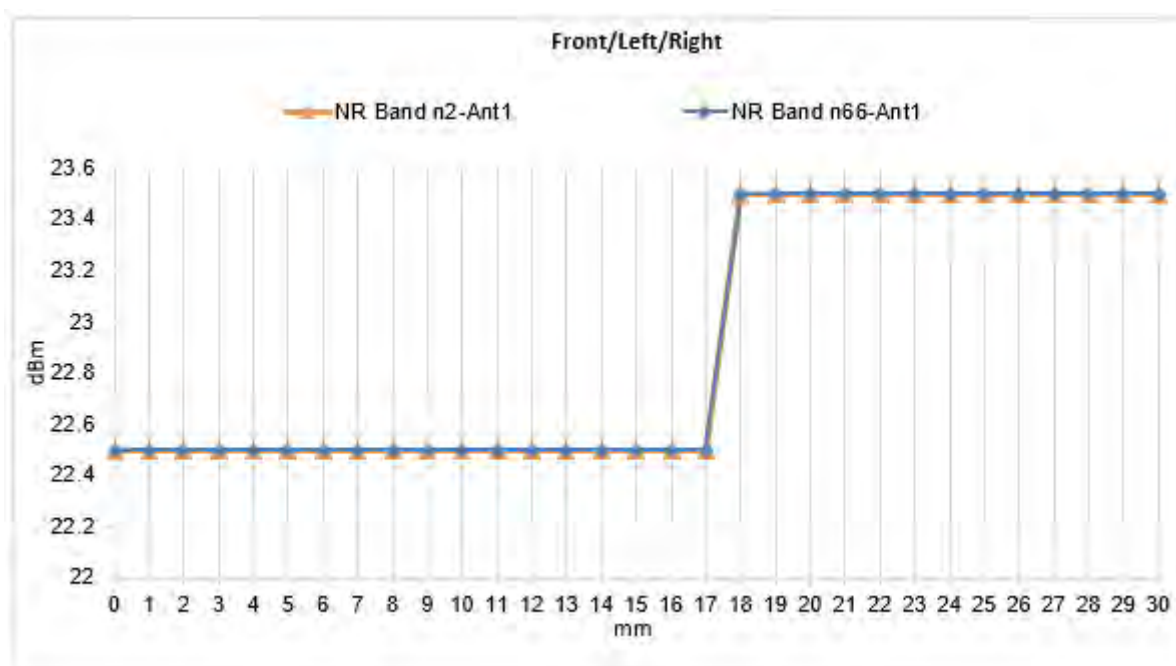
SAR tests with proximity sensor power reduction are only required for the sides of frequency bands in the table above. For the other sides or other frequency bands of the device, SAR is still tested at the maximum power level with sensor off.

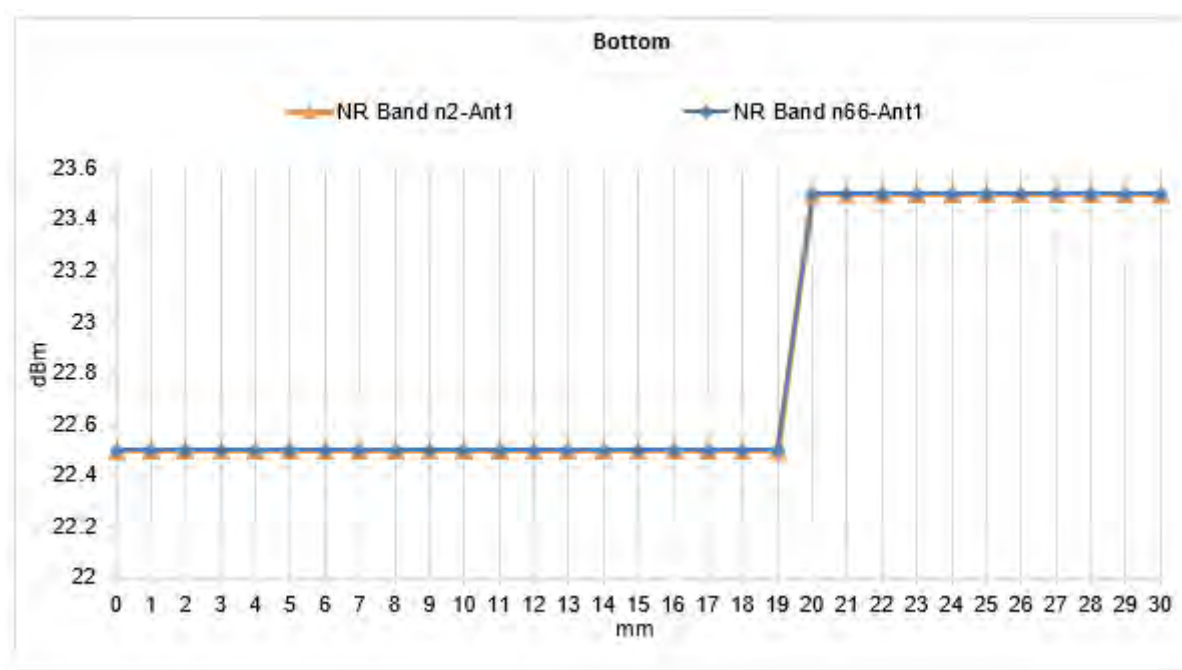
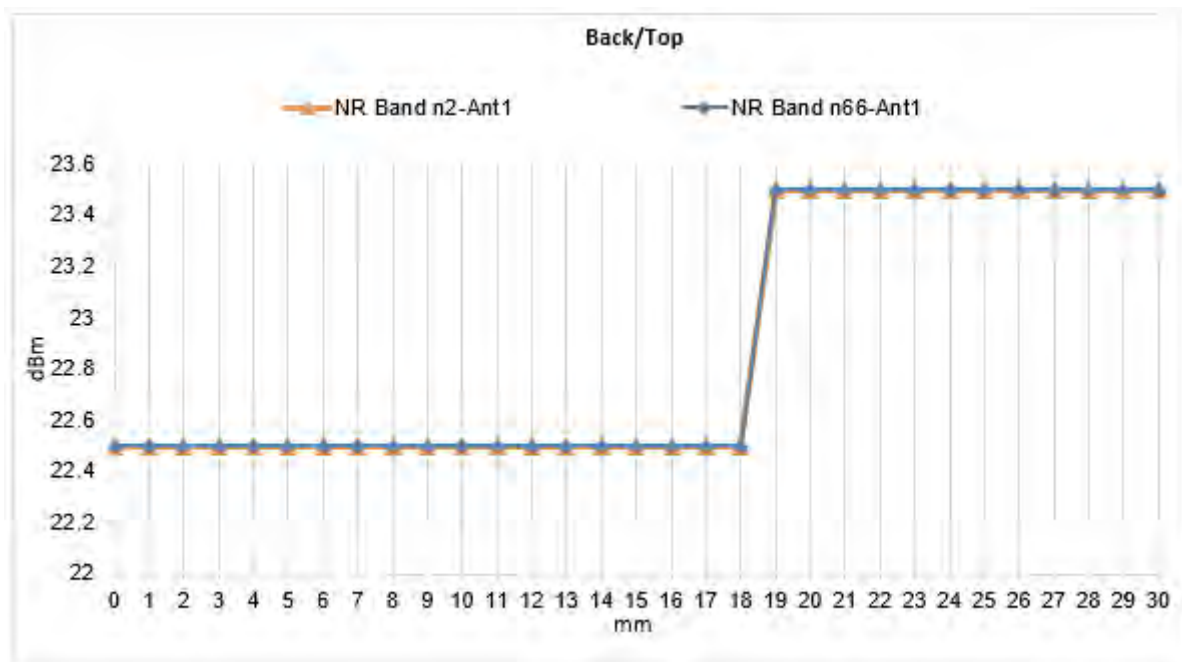
● DUT Moving Toward(Trigger)the Phantom





- DUT Moving Away(Release) from the Phantom





## Proximity sensor coverage

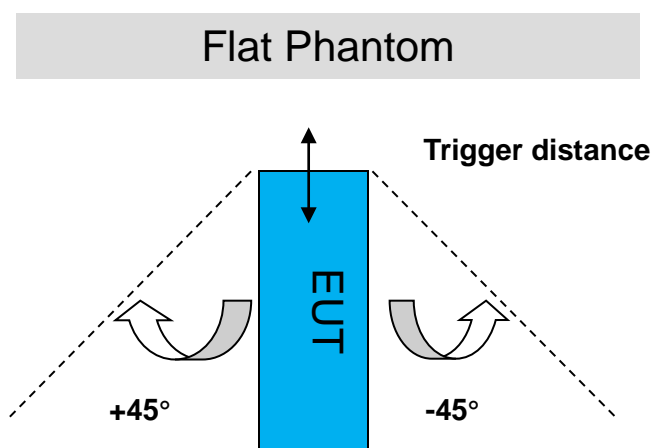
If a sensor is spatially offset from the antenna(s), it is necessary to verify sensor triggering for conditions where the antenna is next to the user but the sensor is laterally further away to ensure sensor coverage is sufficient for reducing the power to maintain compliance. For p-sensor coverage testing, the device is moved and “along the direction of maximum antenna and sensor offset”.

The proximity sensor and main antenna use same metallic electrode, so there is no spatial offset.

## Device tilt angle influences to proximity sensor triggering

The influence of device tilt angles to proximity sensor triggering was determined by positioning each tablet edge that contains a transmitting antenna, perpendicular to the flat phantom.

Rotating the tablet around the edge next to the phantom in  $\leq 10^\circ$  increments until the tablet is  $\pm 45^\circ$  from the vertical position at  $0^\circ$ , and the maximum output power remains in the reduced mode.



Summary of Tablet Tilt Angle Influence to Proximity Sensor Triggering for Top Side													
Band (MHz)	Minimum trigger distance Per KDB616217§6.2	Minimum trigger distance at which power reduction was maintained over $\pm 45^\circ$	Power Reduction Status										
			-45°	-35°	-25°	-15°	-5°	0°	5°	15°	25°	35°	45°
NR Band n2	Left/Right:17, Top:18, Bottom:19	Left/Right:17, Top:18, Bottom:19	on	on	on	on	on	on	on	on	on	on	on
NR Band n66	Left/Right:17, Top:18, Bottom:19	Left/Right:17, Top:18, Bottom:19	on	on	on	on	on	on	on	on	on	on	on



## 6.9 System Checking

The manufacturer calibrates the probes annually. Dielectric parameters of the tissue simulants were measured every day using the dielectric probe kit and the network analyser. For the measurement of the following parameters the SPEAG DAKS-3.5 dielectric parameter probe is used, representing the open-ended coaxial probe measurement procedure.

Freq. (MHz)	Liquid parameters	measured	Target	Delta (%)	Tolerance (%)	Verdict	Measured Date
750	$\epsilon_r$	42.798	41.9	2.14	$\pm 5$	Pass	2021/8/26
	$\sigma[S/m]$	0.873	0.89	-1.91	$\pm 5$	Pass	
750	$\epsilon_r$	41.539	41.9	-0.86	$\pm 5$	Pass	2021/8/27
	$\sigma[S/m]$	0.898	0.89	0.90	$\pm 5$	Pass	
835	$\epsilon_r$	41.537	41.5	0.09	$\pm 5$	Pass	2021/8/28
	$\sigma[S/m]$	0.922	0.9	2.44	$\pm 5$	Pass	
835	$\epsilon_r$	41.890	41.5	0.94	$\pm 5$	Pass	2021/8/29
	$\sigma[S/m]$	0.914	0.9	1.56	$\pm 5$	Pass	
1800	$\epsilon_r$	38.880	40	-2.80	$\pm 5$	Pass	2021/8/30
	$\sigma[S/m]$	1.420	1.4	1.43	$\pm 5$	Pass	
1800	$\epsilon_r$	40.082	40	0.21	$\pm 5$	Pass	2021/8/31
	$\sigma[S/m]$	1.388	1.4	-0.86	$\pm 5$	Pass	
1800	$\epsilon_r$	40.309	40	0.77	$\pm 5$	Pass	2021/8/30
	$\sigma[S/m]$	1.353	1.4	-3.36	$\pm 5$	Pass	
1800	$\epsilon_r$	40.211	40	0.53	$\pm 5$	Pass	2021/8/31
	$\sigma[S/m]$	1.343	1.4	-4.07	$\pm 5$	Pass	
2000	$\epsilon_r$	39.488	40	-1.28	$\pm 5$	Pass	2021/8/30
	$\sigma[S/m]$	1.459	1.4	4.21	$\pm 5$	Pass	
2000	$\epsilon_r$	39.388	40	-1.53	$\pm 5$	Pass	2021/8/31
	$\sigma[S/m]$	1.451	1.4	3.64	$\pm 5$	Pass	
2450	$\epsilon_r$	38.568	39.2	-1.61	$\pm 5$	Pass	2021/8/28
	$\sigma[S/m]$	1.808	1.8	0.44	$\pm 5$	Pass	
2600	$\epsilon_r$	38.018	39	-2.52	$\pm 5$	Pass	2021/8/25
	$\sigma[S/m]$	2.017	1.96	2.91	$\pm 5$	Pass	
2600	$\epsilon_r$	38.402	39	-1.53	$\pm 5$	Pass	2021/8/26
	$\sigma[S/m]$	2.006	1.96	2.35	$\pm 5$	Pass	
2600	$\epsilon_r$	38.468	39	-1.36	$\pm 5$	Pass	2021/8/26
	$\sigma[S/m]$	1.966	1.96	0.31	$\pm 5$	Pass	
2600	$\epsilon_r$	37.870	39	-2.90	$\pm 5$	Pass	2021/8/26
	$\sigma[S/m]$	1.959	1.96	-0.05	$\pm 5$	Pass	
3500	$\epsilon_r$	38.019	37.9	0.31	$\pm 5$	Pass	2021/8/27
	$\sigma[S/m]$	2.954	2.91	1.51	$\pm 5$	Pass	
5200	$\epsilon_r$	36.044	36	0.12	$\pm 5$	Pass	2021/8/29
	$\sigma[S/m]$	4.613	4.66	-1.01	$\pm 5$	Pass	
5300	$\epsilon_r$	35.740	35.9	-0.45	$\pm 5$	Pass	2021/8/29
	$\sigma[S/m]$	4.786	4.76	0.55	$\pm 5$	Pass	

5600	$\epsilon_r$	34.667	35.5	-2.35	$\pm 5$	Pass	2021/8/29
	$\sigma[S/m]$	5.023	5.07	-0.93	$\pm 5$	Pass	
5800	$\epsilon_r$	34.104	35.3	-3.39	$\pm 5$	Pass	2021/8/29
	$\sigma[S/m]$	5.241	5.27	-0.55	$\pm 5$	Pass	

Note: For DASY system, the conservative tolerance 5% could expand to 10% when the frequency under 3GHz

A system check measurement was made following once the determination of the dielectric parameters of the simulant, using the dipole validation kit. The system checking results (dielectric parameters and SAR values) are given in the table below.

Freq.(MHz)	SAR measured		Target	Delta (%)	Tolerance (%)	Verdict	Measured Date
	(normalized to 1W)		(Ref. Value)				
750	1g	8.48	8.40	0.95	±10	Pass	2021/8/26
	10g	5.44	5.70	-4.56	±10	Pass	
750	1g	8.00	8.40	-4.76	±10	Pass	2021/8/27
	10g	5.48	5.70	-3.86	±10	Pass	
835	1g	10.12	9.38	7.89	±10	Pass	2021/8/28
	10g	6.60	6.25	5.60	±10	Pass	
835	1g	9.96	9.38	6.18	±10	Pass	2021/8/29
	10g	6.60	6.25	5.60	±10	Pass	
1800	1g	40.00	38.90	2.83	±10	Pass	2021/8/30
	10g	21.36	20.30	5.22	±10	Pass	
1800	1g	40.40	38.90	3.86	±10	Pass	2021/8/31
	10g	21.40	20.30	5.42	±10	Pass	
1800	1g	37.04	38.90	-4.78	±10	Pass	2021/8/30
	10g	19.72	20.30	-2.86	±10	Pass	
1800	1g	37.04	38.90	-4.78	±10	Pass	2021/8/31
	10g	19.96	20.30	-1.67	±10	Pass	
2000	1g	42.80	41.00	4.39	±10	Pass	2021/8/30
	10g	22.12	20.50	7.90	±10	Pass	
2000	1g	42.40	41.00	3.41	±10	Pass	2021/8/31
	10g	21.96	20.50	7.12	±10	Pass	
2450	1g	49.60	53.00	-6.42	±10	Pass	2021/8/28
	10g	22.84	24.50	-6.78	±10	Pass	
2600	1g	55.60	56.50	-1.59	±10	Pass	2021/8/25
	10g	24.64	25.40	-2.99	±10	Pass	
2600	1g	54.40	56.50	-3.72	±10	Pass	2021/8/26
	10g	24.68	25.40	-2.83	±10	Pass	
2600	1g	54.80	56.50	-3.01	±10	Pass	2021/8/26
	10g	24.32	25.40	-4.25	±10	Pass	
2600	1g	55.20	56.50	-2.30	±10	Pass	2021/8/26
	10g	24.72	25.40	-2.68	±10	Pass	
3500	1g	64.90	67.40	-3.71	±10	Pass	2021/8/27
	10g	24.40	25.30	-3.56	±10	Pass	
5200	1g	73.10	75.90	-3.69	±10	Pass	2021/8/29
	10g	19.90	21.40	-7.01	±10	Pass	
5300	1g	73.20	78.00	-6.15	±10	Pass	2021/8/29
	10g	20.80	22.00	-5.45	±10	Pass	
5600	1g	75.40	80.00	-5.75	±10	Pass	2021/8/29
	10g	21.30	22.60	-5.75	±10	Pass	
5800	1g	80.70	78.50	2.80	±10	Pass	2021/8/29
	10g	23.00	21.90	5.02	±10	Pass	

## 6.10 SAR TEST RESULT

In order to determine the largest value of the peak spatial-average SAR of a handset, all device positions, configurations, and operational modes should be tested for each frequency band according to Steps 1 to 3 below.

Step 1: The tests should be performed at the channel that is closest to the center of the transmit frequency band.

a) All device positions (cheek and tilt, for both left and right sides of the SAM phantom),  
b) All configurations for each device position in a), e.g., antenna extended and retracted, and  
c) All operational modes for each device position in item a) and configuration in item b) in each frequency band, e.g., analog and digital, If more than three frequencies need to be tested (i.e.,  $N_c > 3$ ), then all frequencies, configurations and modes shall be tested for all of the above test conditions.

Step 2: For the condition providing the highest peak spatial-average SAR determined in Step 1 for each frequency, perform all tests at all other test frequency channels, e.g., lowest and highest frequencies. In addition, for all other conditions (device position, configuration, and operational mode) where the peak spatial-average SAR value determined in Step 1 is within 3 dB of the applicable SAR limit, it is recommended that all other test frequencies should be tested as well.

Step 3: Examine all data to determine the largest value of the peak.

Note:

1. Per KDB 447498 D01v06, the reported SAR is the measured SAR value adjusted for maximum tune-up tolerance.

Scaling Factor = tune-up limit power (mW) / EUT RF power (mW), where tune-up limit is the maximum rated power among all production units.

Duty Factor = 1 / Duty Cycle(%)

For cellular network:

Reported SAR (W/kg) = Measured SAR (W/kg) \* Scaling Factor

For WLAN

Reported SAR (W/kg) = Measured SAR (W/kg) \* Scaling Factor \* Duty factor

2. Per KDB 447498 D01v06, for each exposure position, if the highest output channel reported SAR  $\leq 0.8$ W/kg, other channels SAR testing are not necessary.

3. The distance between the EUT and the phantom bottom is 10mm.

4. The EN-DC is reduced by XdB therefore power (the power reduced can be refer to Appendix E) and SAR was estimated based on standalone results.

5. The Simultaneous is reduced by XdB therefore power (the power reduced can be refer to Appendix E) and SAR was estimated based on standalone results.

Mode		Duty cycle	Duty factor	Note
Licensed Frequency	GSM 850	25%	NA	According to the theory, we configured duty cycle with relevant value on the communication tester, so correction factor do not need such as “duty factor”
	GSM 1900	37.5%		
	WCDMA Band	100%		
	FDD-LTE Band	100%		
	TDD-LTE Band	63.3%		
Unlicensed Frequency	BT DH5	76.9%	1.3	SRTC perform SAR test with non-signaling mode, and duty factor shall be considered because of the uncertainty of data traffic.
	WIFI 2.4GHz 802.11b	99.41%	1.006	
	WIFI 5GHz 802.11a	98.18%	1.018	

The measured and reported Head/body SAR values for the test device are tabulated below:

Mode: GSM 850

fL(MHz)=824.2MHz

fM(MHz)=836.6MHz

fH(MHz)= 848.8MHz

Limit of SAR (W/kg): <1.6W/kg (1g Average)

Test case				Meas power(dBm)	Tune-up	Scaling	Meas SAR(w/kg)		Report SAR(w/kg)	
Mode	Exposure condition	Position	Channel		(dBm)	factor	First	Second	First	Second
GSM	Head	Left cheek	L	32.63	33.50	1.222	---	---	---	---
			M	32.69	33.50	1.205	<b>0.208</b>	---	0.251	---
			H	32.81	33.50	1.172	---	---	---	---
		Left tilted	L	32.63	33.50	1.222	---	---	---	---
			M	32.69	33.50	1.205	0.084	---	0.102	---
			H	32.81	33.50	1.172	---	---	---	---
		Right cheek	L	32.63	33.50	1.222	---	---	---	---
			M	32.69	33.50	1.205	0.137	---	0.165	---
			H	32.81	33.50	1.172	---	---	---	---
		Right tilted	L	32.63	33.50	1.222	---	---	---	---
			M	32.69	33.50	1.205	0.080	---	0.097	---
			H	32.81	33.50	1.172	---	---	---	---
	Body-worn	Back	L	32.63	33.50	1.222	---	---	---	---
			M	32.69	33.50	1.205	0.281	---	0.339	---
			H	32.81	33.50	1.172	---	---	---	---
		Front	L	32.63	33.50	1.222	---	---	---	---
			M	32.69	33.50	1.205	0.425	---	0.512	---
			H	32.81	33.50	1.172	---	---	---	---
GPRS/EDGE GMSK 2TxSlots	Hotspot	Back	L	30.84	32.00	1.306	---	---	---	---
			M	30.94	32.00	1.276	0.520	---	0.664	---
			H	30.96	32.00	1.271	---	---	---	---
		Front	L	30.84	32.00	1.306	0.641	---	0.837	---
			M	30.94	32.00	1.276	0.655	---	0.836	---
			H	30.96	32.00	1.271	0.675	---	0.858	---
		Top	L	30.84	32.00	1.306	---	---	---	---
			M	30.94	32.00	1.276	---	---	---	---
			H	30.96	32.00	1.271	---	---	---	---
		Bottom	L	30.84	32.00	1.306	---	---	---	---
			M	30.94	32.00	1.276	0.323	---	0.412	---
			H	30.96	32.00	1.271	---	---	---	---
		Left	L	30.84	32.00	1.306	---	---	---	---
			M	30.94	32.00	1.276	0.046	---	0.058	---
			H	30.96	32.00	1.271	---	---	---	---
		Right	L	30.84	32.00	1.306	---	---	---	---
			M	30.94	32.00	1.276	0.206	---	0.263	---
			H	30.96	32.00	1.271	---	---	---	---

**Mode: GSM 1900**

fL (MHz)=1850.2MHz

fM (MHz)=1880.0MHz

fH (MHz)=1909.8MHz

**Limit of SAR (W/kg): <1.6W/kg (1g Average)**

Test case				Meas power(dBm)	Tune-up	Scaling	Meas SAR(w/kg)		Report SAR(w/kg)	
Mode	Exposure condition	Position	Channel		(dBm)	factor	First	Second	First	Second
GSM	Head	Left cheek	L	24.28	26.00	1.486	---	---	---	---
			M	24.22	26.00	1.507	0.309	---	0.466	---
			H	24.23	26.00	1.503	---	---	---	---
		Left tilted	L	24.28	26.00	1.486	---	---	---	---
			M	24.22	26.00	1.507	0.348	---	0.524	---
			H	24.23	26.00	1.503	---	---	---	---
		Right cheek	L	24.28	26.00	1.486	---	---	---	---
			M	24.22	26.00	1.507	0.523	---	0.788	---
			H	24.23	26.00	1.503	---	---	---	---
		Right tilted	L	24.28	26.00	1.486	---	---	---	---
			M	24.22	26.00	1.507	0.499	---	0.752	---
			H	24.23	26.00	1.503	---	---	---	---
	Body-worn	Back	L	29.40	30.50	1.288	---	---	---	---
			M	29.32	30.50	1.312	0.511	---	0.671	---
			H	29.48	30.50	1.265	---	---	---	---
		Front	L	29.40	30.50	1.288	---	---	---	---
			M	29.32	30.50	1.312	0.388	---	0.509	---
GPRS/EDGE GMSK 2TxSlots	Hotspot	Back	L	27.45	29.00	1.429	0.597	---	0.853	---
			M	27.58	29.00	1.387	0.611	---	0.847	---
			H	27.37	29.00	1.455	0.547	---	0.796	---
		Front	L	27.45	29.00	1.429	---	---	---	---
			M	27.58	29.00	1.387	0.538	---	0.746	---
			H	27.37	29.00	1.455	---	---	---	---
		Top	L	27.45	29.00	1.429	---	---	---	---
			M	27.58	29.00	1.387	0.547	---	0.759	---
			H	27.37	29.00	1.455	---	---	---	---
		Bottom	L	27.45	29.00	1.429	---	---	---	---
			M	27.58	29.00	1.387	---	---	---	---
			H	27.37	29.00	1.455	---	---	---	---
		Left	L	27.45	29.00	1.429	---	---	---	---
			M	27.58	29.00	1.387	0.228	---	0.316	---
			H	27.37	29.00	1.455	---	---	---	---
		Right	L	27.45	29.00	1.429	---	---	---	---
			M	27.58	29.00	1.387	0.086	---	0.119	---
			H	27.37	29.00	1.455	---	---	---	---

**Mode: WCDMA BAND II**

fL (MHz)= 1852.4MHz

fM (MHz)= 1880.0MHz

fH (MHz)= 1907.6MHz

**Limit of SAR (W/kg): <1.6W/kg (1g Average)**

Test case				Meas power(dBm)	Tune-up (dBm)	Scaling factor	Meas SAR(w/kg)		Report SAR(w/kg)	
Mode	Exposure condition	Position	Channel				First	Second	First	Second
RMC	Head	Left cheek	L	17.01	18.00	1.256	---	---	---	---
			M	16.96	18.00	1.271	0.210	---	0.267	---
			H	17.07	18.00	1.239	---	---	---	---
		Left tilted	L	17.01	18.00	1.256	---	---	---	---
			M	16.96	18.00	1.271	0.199	---	0.253	---
			H	17.07	18.00	1.239	---	---	---	---
		Right cheek	L	17.01	18.00	1.256	---	---	---	---
			M	16.96	18.00	1.271	0.584	---	0.742	---
			H	17.07	18.00	1.239	---	---	---	---
		Right tilted	L	17.01	18.00	1.256	---	---	---	---
			M	16.96	18.00	1.271	0.547	---	0.695	---
			H	17.07	18.00	1.239	---	---	---	---
	Body-worn	Back	L	23.07	24.00	1.239	0.776	---	0.961	---
			M	23.06	24.00	1.242	0.773	---	0.960	---
			H	23.15	24.00	1.216	0.732	---	0.890	---
		Front	L	23.07	24.00	1.239	---	---	---	---
			M	23.06	24.00	1.242	0.596	---	0.740	---
			H	23.15	24.00	1.216	---	---	---	---
	Hotspot	Back	L	23.07	24.00	1.239	0.776	---	0.961	---
			M	23.06	24.00	1.242	0.773	---	0.960	---
			H	23.15	24.00	1.216	0.732	---	0.890	---
		Front	L	23.07	24.00	1.239	---	---	---	---
			M	23.06	24.00	1.242	0.596	---	0.740	---
			H	23.15	24.00	1.216	---	---	---	---
		Top	L	23.07	24.00	1.239	---	---	---	---
			M	23.06	24.00	1.242	0.580	---	0.720	---
			H	23.15	24.00	1.216	---	---	---	---
		Bottom	L	23.07	24.00	1.239	---	---	---	---
			M	23.06	24.00	1.242	---	---	---	---
			H	23.15	24.00	1.216	---	---	---	---
		Left	L	23.07	24.00	1.239	---	---	---	---
			M	23.06	24.00	1.242	0.259	---	0.322	---
			H	23.15	24.00	1.216	---	---	---	---
		Right	L	23.07	24.00	1.239	---	---	---	---
			M	23.06	24.00	1.242	0.086	---	0.107	---
			H	23.15	24.00	1.216	---	---	---	---



**Mode: WCDMA BAND IV**

fL (MHz)=1712.4MHz      fM (MHz)=1732.4MHz      fH (MHz)= 1752.6MHz

**Limit of SAR (W/kg): <1.6W/kg (1g Average)**

Test case				Meas power(dBm)	Tune-up (dBm)	Scaling factor	Meas SAR(w/kg)		Report SAR(w/kg)	
Mode	Exposure condition	Position	Channel				First	Second	First	Second
RMC	Head	Left cheek	L	16.66	18.00	1.361	---	---	---	---
			M	16.73	18.00	1.340	0.174	---	0.233	---
			H	16.58	18.00	1.387	---	---	---	---
		Left tilted	L	16.66	18.00	1.361	---	---	---	---
			M	16.73	18.00	1.340	0.131	---	0.175	---
			H	16.58	18.00	1.387	---	---	---	---
		Right cheek	L	16.66	18.00	1.361	---	---	---	---
			M	16.73	18.00	1.340	0.345	---	0.462	---
			H	16.58	18.00	1.387	---	---	---	---
		Right tilted	L	16.66	18.00	1.361	---	---	---	---
			M	16.73	18.00	1.340	0.278	---	0.372	---
			H	16.58	18.00	1.387	---	---	---	---
	Body-worn	Back	L	23.03	24.00	1.250	0.630	---	0.788	---
			M	23.08	24.00	1.236	0.655	---	0.810	---
			H	22.96	24.00	1.271	0.688	---	0.874	---
		Front	L	23.03	24.00	1.250	---	---	---	---
			M	23.08	24.00	1.236	0.375	---	0.463	---
			H	22.96	24.00	1.271	---	---	---	---
	Hotspot	Back	L	23.03	24.00	1.250	0.630	---	0.788	---
			M	23.08	24.00	1.236	0.655	---	0.810	---
			H	22.96	24.00	1.271	0.688	---	0.874	---
		Front	L	23.03	24.00	1.250	---	---	---	---
			M	23.08	24.00	1.236	0.375	---	0.463	---
			H	22.96	24.00	1.271	---	---	---	---
		Top	L	23.03	24.00	1.250	---	---	---	---
			M	23.08	24.00	1.236	0.347	---	0.429	---
			H	22.96	24.00	1.271	---	---	---	---
		Bottom	L	23.03	24.00	1.250	---	---	---	---
			M	23.08	24.00	1.236	---	---	---	---
			H	22.96	24.00	1.271	---	---	---	---
		Left	L	23.03	24.00	1.250	---	---	---	---
			M	23.08	24.00	1.236	0.236	---	0.292	---
			H	22.96	24.00	1.271	---	---	---	---
		Right	L	23.03	24.00	1.250	---	---	---	---
			M	23.08	24.00	1.236	0.039	---	0.048	---
			H	22.96	24.00	1.271	---	---	---	---

**Mode: WCDMA BAND V**

fL (MHz)=826.4MHz

fM (MHz)=836.4MHz

fH (MHz)= 846.6MHz

**Limit of SAR (W/kg): <1.6W/kg (1g Average)**

Test case				Meas power(dBm)	Tune-up	Scaling	Meas SAR(w/kg)		Report SAR(w/kg)	
Mode	Exposure condition	Position	Channel		(dBm)	factor	First	Second	First	Second
RMC	Head	Left cheek	L	23.04	24.00	1.247	---	---	---	---
			M	23.05	24.00	1.245	0.097	---	0.121	---
			H	22.99	24.00	1.262	---	---	---	---
		Left tilted	L	23.04	24.00	1.247	---	---	---	---
			M	23.05	24.00	1.245	0.075	---	0.094	---
			H	22.99	24.00	1.262	---	---	---	---
		Right cheek	L	23.04	24.00	1.247	---	---	---	---
			M	23.05	24.00	1.245	0.171	---	0.213	---
			H	22.99	24.00	1.262	---	---	---	---
		Right tilted	L	23.04	24.00	1.247	---	---	---	---
			M	23.05	24.00	1.245	0.083	---	0.103	---
			H	22.99	24.00	1.262	---	---	---	---
	Body-worn	Back	L	23.04	24.00	1.247	---	---	---	---
			M	23.05	24.00	1.245	0.238	---	0.296	---
			H	22.99	24.00	1.262	---	---	---	---
		Front	L	23.04	24.00	1.247	---	---	---	---
			M	23.05	24.00	1.245	0.352	---	0.438	---
			H	22.99	24.00	1.262	---	---	---	---
	Hotspot	Back	L	23.04	24.00	1.247	---	---	---	---
			M	23.05	24.00	1.245	0.238	---	0.296	---
			H	22.99	24.00	1.262	---	---	---	---
		Front	L	23.04	24.00	1.247	---	---	---	---
			M	23.05	24.00	1.245	0.352	---	0.438	---
			H	22.99	24.00	1.262	---	---	---	---
		Top	L	23.04	24.00	1.247	---	---	---	---
			M	23.05	24.00	1.245	---	---	---	---
			H	22.99	24.00	1.262	---	---	---	---
		Bottom	L	23.04	24.00	1.247	---	---	---	---
			M	23.05	24.00	1.245	0.206	---	0.256	---
			H	22.99	24.00	1.262	---	---	---	---
		Left	L	23.04	24.00	1.247	---	---	---	---
			M	23.05	24.00	1.245	0.028	---	0.034	---
			H	22.99	24.00	1.262	---	---	---	---
		Right	L	23.04	24.00	1.247	---	---	---	---
			M	23.05	24.00	1.245	0.165	---	0.205	---
			H	22.99	24.00	1.262	---	---	---	---

**Mode: LTE Band 2**

fL (MHz)= 1860MHz

fM (MHz)= 1880MHz

fH (MHz)= 1900MHz

**Limit of SAR (W/kg): <1.6W/kg (1g Average)**

Test case				Meas power(dBm)	Tune-up	Scaling	Meas SAR(w/kg)		Report SAR(w/kg)	
Mode	Exposure condition	Position	Channel		(dBm)	factor	First	Second	First	Second
QPSK 1RB	Head	Left cheek	L	22.72	24.00	1.343	---	---	---	---
			M	22.73	24.00	1.340	0.138	---	0.185	---
			H	22.71	24.00	1.346	---	---	---	---
		Left tilted	L	22.72	24.00	1.343	---	---	---	---
			M	22.73	24.00	1.340	0.055	---	0.073	---
			H	22.71	24.00	1.346	---	---	---	---
		Right cheek	L	22.72	24.00	1.343	---	---	---	---
			M	22.73	24.00	1.340	0.076	---	0.101	---
			H	22.71	24.00	1.346	---	---	---	---
		Right tilted	L	22.72	24.00	1.343	---	---	---	---
			M	22.73	24.00	1.340	0.061	---	0.082	---
			H	22.71	24.00	1.346	---	---	---	---
	Body-worn	Back	L	22.72	24.00	1.343	---	---	---	---
			M	22.73	24.00	1.340	0.342	---	0.458	---
			H	22.71	24.00	1.346	---	---	---	---
		Front	L	22.72	24.00	1.343	---	---	---	---
			M	22.73	24.00	1.340	0.273	---	0.366	---
			H	22.71	24.00	1.346	---	---	---	---
	Hotspot	Back	L	22.72	24.00	1.343	---	---	---	---
			M	22.73	24.00	1.340	0.342	---	0.458	---
			H	22.71	24.00	1.346	---	---	---	---
		Front	L	22.72	24.00	1.343	---	---	---	---
			M	22.73	24.00	1.340	0.273	---	0.366	---
			H	22.71	24.00	1.346	---	---	---	---
		Top	L	22.72	24.00	1.343	---	---	---	---
			M	22.73	24.00	1.340	---	---	---	---
			H	22.71	24.00	1.346	---	---	---	---
		Bottom	L	22.72	24.00	1.343	---	---	---	---
			M	22.73	24.00	1.340	0.157	---	0.210	---
			H	22.71	24.00	1.346	---	---	---	---
		Left	L	22.72	24.00	1.343	---	---	---	---
			M	22.73	24.00	1.340	0.270	---	0.362	---
			H	22.71	24.00	1.346	---	---	---	---
		Right	L	22.72	24.00	1.343	---	---	---	---
			M	22.73	24.00	1.340	---	---	---	---
			H	22.71	24.00	1.346	---	---	---	---
QPSK 50%RB	Head	Left cheek	L	21.83	23.00	1.309	---	---	---	---
			M	21.84	23.00	1.306	0.090	---	0.117	---
			H	21.65	23.00	1.365	---	---	---	---
		Left tilted	L	21.83	23.00	1.309	---	---	---	---
			M	21.84	23.00	1.306	0.048	---	0.063	---
			H	21.65	23.00	1.365	---	---	---	---
		Right cheek	L	21.83	23.00	1.309	---	---	---	---
			M	21.84	23.00	1.306	0.061	---	0.080	---
			H	21.65	23.00	1.365	---	---	---	---
		Right tilted	L	21.83	23.00	1.309	---	---	---	---
			M	21.84	23.00	1.306	0.051	---	0.067	---
			H	21.65	23.00	1.365	---	---	---	---
	Body-worn	Back	L	21.83	23.00	1.309	---	---	---	---
			M	21.84	23.00	1.306	0.284	---	0.371	---
			H	21.65	23.00	1.365	---	---	---	---

	Hotspot	Front	L	21.83	23.00	1.309	---	---	---	---
			M	21.84	23.00	1.306	0.216	---	0.282	---
			H	21.65	23.00	1.365	---	---	---	---
		Back	L	21.83	23.00	1.309	---	---	---	---
			M	21.84	23.00	1.306	0.284	---	0.371	---
			H	21.65	23.00	1.365	---	---	---	---
		Front	L	21.83	23.00	1.309	---	---	---	---
			M	21.84	23.00	1.306	0.216	---	0.282	---
			H	21.65	23.00	1.365	---	---	---	---
		Top	L	21.83	23.00	1.309	---	---	---	---
			M	21.84	23.00	1.306	---	---	---	---
			H	21.65	23.00	1.365	---	---	---	---
		Bottom	L	21.83	23.00	1.309	---	---	---	---
			M	21.84	23.00	1.306	0.124	---	0.162	---
			H	21.65	23.00	1.365	---	---	---	---
		Left	L	21.83	23.00	1.309	---	---	---	---
			M	21.84	23.00	1.306	0.221	---	0.289	---
			H	21.65	23.00	1.365	---	---	---	---
		Right	L	21.83	23.00	1.309	---	---	---	---
			M	21.84	23.00	1.306	---	---	---	---
			H	21.65	23.00	1.365	---	---	---	---

Mode: LTE Band 4

fL (MHz)= 1720MHz

fM (MHz)= 1732.5MHz

fH (MHz)= 1745MHz

Limit of SAR (W/kg): <1.6W/kg (1g Average)

Test case				Meas power(dBm)	Tune-up (dBm)	Scaling factor	Meas SAR(w/kg)		Report SAR(w/kg)	
Mode	Exposure condition	Position	Channel				First	Second	First	Second
QPSK 1RB	Head	Left cheek	L	22.40	24.00	1.445	---	---	---	---
			M	22.41	24.00	1.442	0.160	---	0.231	---
			H	22.40	24.00	1.445	---	---	---	---
		Left tilted	L	22.40	24.00	1.445	---	---	---	---
			M	22.41	24.00	1.442	0.095	---	0.136	---
			H	22.40	24.00	1.445	---	---	---	---
		Right cheek	L	22.40	24.00	1.445	---	---	---	---
			M	22.41	24.00	1.442	0.071	---	0.103	---
			H	22.40	24.00	1.445	---	---	---	---
		Right tilted	L	22.40	24.00	1.445	---	---	---	---
			M	22.41	24.00	1.442	0.070	---	0.100	---
			H	22.40	24.00	1.445	---	---	---	---
	Body-worn	Back	L	22.40	24.00	1.445	---	---	---	---
			M	22.41	24.00	1.442	0.450	---	0.649	---
			H	22.40	24.00	1.445	---	---	---	---
		Front	L	22.40	24.00	1.445	---	---	---	---
			M	22.41	24.00	1.442	0.365	---	0.526	---
			H	22.40	24.00	1.445	---	---	---	---
	Hotspot	Back	L	22.40	24.00	1.445	---	---	---	---
			M	22.41	24.00	1.442	0.450	---	0.649	---
			H	22.40	24.00	1.445	---	---	---	---
		Front	L	22.40	24.00	1.445	---	---	---	---
			M	22.41	24.00	1.442	0.365	---	0.526	---
			H	22.40	24.00	1.445	---	---	---	---
		Top	L	22.40	24.00	1.445	---	---	---	---
			M	22.41	24.00	1.442	---	---	---	---
			H	22.40	24.00	1.445	---	---	---	---
		Bottom	L	22.40	24.00	1.445	---	---	---	---
			M	22.41	24.00	1.442	0.318	---	0.459	---
			H	22.40	24.00	1.445	---	---	---	---
		Left	L	22.40	24.00	1.445	---	---	---	---
			M	22.41	24.00	1.442	0.400	---	0.577	---
			H	22.40	24.00	1.445	---	---	---	---
		Right	L	22.40	24.00	1.445	---	---	---	---
			M	22.41	24.00	1.442	---	---	---	---
			H	22.40	24.00	1.445	---	---	---	---
QPSK 50%RB	Head	Left cheek	L	21.36	23.00	1.459	---	---	---	---
			M	21.53	23.00	1.403	0.074	---	0.104	---
			H	21.52	23.00	1.406	---	---	---	---
		Left tilted	L	21.36	23.00	1.459	---	---	---	---
			M	21.53	23.00	1.403	0.074	---	0.104	---
			H	21.52	23.00	1.406	---	---	---	---
		Right cheek	L	21.36	23.00	1.459	---	---	---	---
			M	21.53	23.00	1.403	0.067	---	0.094	---
			H	21.52	23.00	1.406	---	---	---	---
		Right tilted	L	21.36	23.00	1.459	---	---	---	---
			M	21.53	23.00	1.403	0.069	---	0.096	---
			H	21.52	23.00	1.406	---	---	---	---
	Body-worn	Back	L	21.36	23.00	1.459	---	---	---	---
			M	21.53	23.00	1.403	0.376	---	0.527	---
			H	21.52	23.00	1.406	---	---	---	---

	Hotspot	Front	L	21.36	23.00	1.459	---	---	---	---
			M	21.53	23.00	1.403	0.306	---	0.429	---
			H	21.52	23.00	1.406	---	---	---	---
		Back	L	21.36	23.00	1.459	---	---	---	---
			M	21.53	23.00	1.403	0.376	---	0.527	---
			H	21.52	23.00	1.406	---	---	---	---
		Front	L	21.36	23.00	1.459	---	---	---	---
			M	21.53	23.00	1.403	0.306	---	0.429	---
			H	21.52	23.00	1.406	---	---	---	---
		Top	L	21.36	23.00	1.459	---	---	---	---
			M	21.53	23.00	1.403	---	---	---	---
			H	21.52	23.00	1.406	---	---	---	---
		Bottom	L	21.36	23.00	1.459	---	---	---	---
			M	21.53	23.00	1.403	0.272	---	0.382	---
			H	21.52	23.00	1.406	---	---	---	---
		Left	L	21.36	23.00	1.459	---	---	---	---
			M	21.53	23.00	1.403	0.333	---	0.467	---
			H	21.52	23.00	1.406	---	---	---	---
		Right	L	21.36	23.00	1.459	---	---	---	---
			M	21.53	23.00	1.403	---	---	---	---
			H	21.52	23.00	1.406	---	---	---	---

**Mode: LTE Band 5**

fL (MHz)=829 MHz

fM (MHz)=836.5MHz

fH (MHz)= 844MHz

**Limit of SAR (W/kg) : <1.6W/kg (1g Average)**

Test case				Meas power(dBm)	Tune-up	Scaling	Meas SAR(w/kg)		Report SAR(w/kg)	
Mode	Exposure condition	Position	Channel		(dBm)	factor	First	Second	First	Second
QPSK 1RB	Head	Left cheek	L	22.72	24.00	1.343	---	---	---	---
			M	22.80	24.00	1.318	0.086	---	0.114	---
			H	22.65	24.00	1.365	---	---	---	---
		Left tilted	L	22.72	24.00	1.343	---	---	---	---
			M	22.80	24.00	1.318	0.055	---	0.073	---
			H	22.65	24.00	1.365	---	---	---	---
		Right cheek	L	22.72	24.00	1.343	---	---	---	---
			M	22.80	24.00	1.318	0.155	---	0.204	---
			H	22.65	24.00	1.365	---	---	---	---
		Right tilted	L	22.72	24.00	1.343	---	---	---	---
			M	22.80	24.00	1.318	0.098	---	0.129	---
			H	22.65	24.00	1.365	---	---	---	---
	Body-worn	Back	L	22.72	24.00	1.343	---	---	---	---
			M	22.80	24.00	1.318	0.299	---	0.394	---
			H	22.65	24.00	1.365	---	---	---	---
		Front	L	22.72	24.00	1.343	---	---	---	---
			M	22.80	24.00	1.318	0.366	---	0.482	---
			H	22.65	24.00	1.365	---	---	---	---
	Hotspot	Back	L	22.72	24.00	1.343	---	---	---	---
			M	22.80	24.00	1.318	0.299	---	0.394	---
			H	22.65	24.00	1.365	---	---	---	---
		Front	L	22.72	24.00	1.343	---	---	---	---
			M	22.80	24.00	1.318	0.366	---	0.482	---
			H	22.65	24.00	1.365	---	---	---	---
		Top	L	22.72	24.00	1.343	---	---	---	---
			M	22.80	24.00	1.318	---	---	---	---
			H	22.65	24.00	1.365	---	---	---	---
		Bottom	L	22.72	24.00	1.343	---	---	---	---
			M	22.80	24.00	1.318	0.171	---	0.225	---
			H	22.65	24.00	1.365	---	---	---	---
		Left	L	22.72	24.00	1.343	---	---	---	---
			M	22.80	24.00	1.318	0.029	---	0.038	---
			H	22.65	24.00	1.365	---	---	---	---
		Right	L	22.72	24.00	1.343	---	---	---	---
			M	22.80	24.00	1.318	0.117	---	0.154	---
			H	22.65	24.00	1.365	---	---	---	---
QPSK 50%RB	Head	Left cheek	L	21.79	23.00	1.321	---	---	---	---
			M	21.82	23.00	1.312	0.090	---	0.117	---
			H	21.78	23.00	1.324	---	---	---	---
		Left tilted	L	21.79	23.00	1.321	---	---	---	---
			M	21.82	23.00	1.312	0.054	---	0.071	---
			H	21.78	23.00	1.324	---	---	---	---
		Right cheek	L	21.79	23.00	1.321	---	---	---	---
			M	21.82	23.00	1.312	0.129	---	0.169	---
			H	21.78	23.00	1.324	---	---	---	---
		Right tilted	L	21.79	23.00	1.321	---	---	---	---
			M	21.82	23.00	1.312	0.082	---	0.108	---
			H	21.78	23.00	1.324	---	---	---	---
	Body-worn	Back	L	21.79	23.00	1.321	---	---	---	---
			M	21.82	23.00	1.312	0.200	---	0.262	---
			H	21.78	23.00	1.324	---	---	---	---

	Hotspot	Front	L	21.79	23.00	1.321	---	---	---	---
			M	21.82	23.00	1.312	0.296	---	0.388	---
			H	21.78	23.00	1.324	---	---	---	---
		Back	L	21.79	23.00	1.321	---	---	---	---
			M	21.82	23.00	1.312	0.200	---	0.262	---
			H	21.78	23.00	1.324	---	---	---	---
		Front	L	21.79	23.00	1.321	---	---	---	---
			M	21.82	23.00	1.312	0.296	---	0.388	---
			H	21.78	23.00	1.324	---	---	---	---
		Top	L	21.79	23.00	1.321	---	---	---	---
			M	21.82	23.00	1.312	---	---	---	---
			H	21.78	23.00	1.324	---	---	---	---
		Bottom	L	21.79	23.00	1.321	---	---	---	---
			M	21.82	23.00	1.312	0.142	---	0.186	---
			H	21.78	23.00	1.324	---	---	---	---
		Left	L	21.79	23.00	1.321	---	---	---	---
			M	21.82	23.00	1.312	0.025	---	0.033	---
			H	21.78	23.00	1.324	---	---	---	---
		Right	L	21.79	23.00	1.321	---	---	---	---
			M	21.82	23.00	1.312	0.098	---	0.128	---
			H	21.78	23.00	1.324	---	---	---	---



Mode: LTE Band 7

fL (MHz)=2510 MHz

fM (MHz)=2535MHz

fH (MHz)= 2560MHz

Limit of SAR (W/kg): <1.6W/kg (1g Average)

Test case				Meas power(dBm)	Tune-up (dBm)	Scaling factor	Meas SAR(w/kg)		Report SAR(w/kg)	
Mode	Exposure condition	Position	Channel				First	Second	First	Second
QPSK 1RB	Head	Left cheek	L	23.17	24.00	1.211	---	---	---	---
			M	23.17	24.00	1.211	---	---	---	---
			H	23.18	24.00	1.208	0.004	---	0.005	---
		Left tilted	L	23.17	24.00	1.211	---	---	---	---
			M	23.17	24.00	1.211	---	---	---	---
			H	23.18	24.00	1.208	0.008	---	0.009	---
		Right cheek	L	23.17	24.00	1.211	---	---	---	---
			M	23.17	24.00	1.211	---	---	---	---
			H	23.18	24.00	1.208	0.019	---	0.023	---
		Right tilted	CA	23.16	24.00	1.213	0.016	---	0.019	---
			L	23.17	24.00	1.211	---	---	---	---
			M	23.17	24.00	1.211	---	---	---	---
			H	23.18	24.00	1.208	0.002	---	0.002	---
	Body-worn	Back	L	23.17	24.00	1.211	0.637	---	0.771	---
			M	23.17	24.00	1.211	0.614	---	0.743	---
			H	23.18	24.00	1.208	0.712	---	0.860	---
		Front	L	23.17	24.00	1.211	0.816	---	0.988	---
			M	23.17	24.00	1.211	0.837	---	1.013	---
			H	23.18	24.00	1.208	0.803	---	0.970	---
	Hotspot	Back	L	21.00	22.00	1.259	---	---	---	---
			M	20.93	22.00	1.279	---	---	---	---
			H	21.11	22.00	1.227	0.352	---	0.432	---
		Front	L	21.00	22.00	1.259	---	---	---	---
			M	20.93	22.00	1.279	---	---	---	---
			H	21.11	22.00	1.227	0.401	---	0.492	---
		Top	L	21.00	22.00	1.259	---	---	---	---
			M	20.93	22.00	1.279	---	---	---	---
			H	21.11	22.00	1.227	---	---	---	---
		Bottom	L	21.00	22.00	1.259	0.946	---	1.191	---
			M	20.93	22.00	1.279	0.954	0.937	1.221	1.199
			CA	20.86	22.00	1.300	0.928	---	1.207	---
		Left	H	21.11	22.00	1.227	0.952	---	1.169	---
			L	21.00	22.00	1.259	---	---	---	---
			M	20.93	22.00	1.279	---	---	---	---
		Right	H	21.11	22.00	1.227	0.002	---	0.003	---
			L	21.00	22.00	1.259	---	---	---	---
			M	20.93	22.00	1.279	---	---	---	---
			H	21.11	22.00	1.227	0.018	---	0.022	---
QPSK 50%RB	Head	Left cheek	L	22.07	23.00	1.239	---	---	---	---
			M	22.13	23.00	1.222	---	---	---	---
			H	22.18	23.00	1.208	0.001	---	0.001	---
		Left tilted	L	22.07	23.00	1.239	---	---	---	---
			M	22.13	23.00	1.222	---	---	---	---
			H	22.18	23.00	1.208	0.003	---	0.003	---
		Right cheek	L	22.07	23.00	1.239	---	---	---	---
			M	22.13	23.00	1.222	---	---	---	---
			H	22.18	23.00	1.208	0.007	---	0.008	---
		Right tilted	L	22.07	23.00	1.239	---	---	---	---
			M	22.13	23.00	1.222	---	---	---	---
			H	22.18	23.00	1.208	0.001	---	0.001	---
	Body-worn	Back	L	22.07	23.00	1.239	---	---	---	---
			M	22.13	23.00	1.222	---	---	---	---

	Hotspot	Front	H	22.18	23.00	1.208	0.593	---	0.716	---
			L	22.07	23.00	1.239	0.735	---	0.911	---
			M	22.13	23.00	1.222	0.673	---	0.822	---
			H	22.18	23.00	1.208	0.745	---	0.900	---
		Back	L	20.17	21.00	1.211	---	---	---	---
			M	20.15	21.00	1.216	---	---	---	---
			H	20.18	21.00	1.208	0.278	---	0.336	---
		Front	L	20.17	21.00	1.211	---	---	---	---
			M	20.15	21.00	1.216	---	---	---	---
			H	20.18	21.00	1.208	0.296	---	0.358	---
		Top	L	20.17	21.00	1.211	---	---	---	---
			M	20.15	21.00	1.216	---	---	---	---
			H	20.18	21.00	1.208	---	---	---	---
		Bottom	L	20.17	21.00	1.211	0.890	---	1.077	---
			M	20.15	21.00	1.216	0.878	---	1.068	---
			H	20.18	21.00	1.208	0.812	---	0.981	---
		Left	L	20.17	21.00	1.211	---	---	---	---
			M	20.15	21.00	1.216	---	---	---	---
			H	20.18	21.00	1.208	0.002	---	0.002	---
		Right	L	20.17	21.00	1.211	---	---	---	---
			M	20.15	21.00	1.216	---	---	---	---
			H	20.18	21.00	1.208	0.017	---	0.020	---
QPSK 100%RB	Body-worn	Back	L	22.52	23.00	1.117	0.571	---	0.638	---
			M	22.18	23.00	1.208	---	---	---	---
			H	21.92	23.00	1.282	---	---	---	---
		Front	L	22.52	23.00	1.117	0.754	---	0.842	---
			M	22.18	23.00	1.208	---	---	---	---
			H	21.92	23.00	1.282	---	---	---	---
	Hotspot	Back	L	20.33	21.00	1.167	---	---	---	---
			M	20.12	21.00	1.225	---	---	---	---
			H	19.84	21.00	1.306	---	---	---	---
		Front	L	20.33	21.00	1.167	---	---	---	---
			M	20.12	21.00	1.225	---	---	---	---
			H	19.84	21.00	1.306	---	---	---	---
		Top	L	20.33	21.00	1.167	---	---	---	---
			M	20.12	21.00	1.225	---	---	---	---
			H	19.84	21.00	1.306	---	---	---	---
		Bottom	L	20.33	21.00	1.167	0.823	---	0.960	---
			M	20.12	21.00	1.225	---	---	---	---
			H	19.84	21.00	1.306	---	---	---	---
		Left	L	20.33	21.00	1.167	---	---	---	---
			M	20.12	21.00	1.225	---	---	---	---
			H	19.84	21.00	1.306	---	---	---	---
		Right	L	20.33	21.00	1.167	---	---	---	---
			M	20.12	21.00	1.225	---	---	---	---
			H	19.84	21.00	1.306	---	---	---	---
QPSK 1RB	0mm	Back	L	23.17	24.00	1.211	---	---	---	---
			M	23.17	24.00	1.211	---	---	---	---
			H	23.18	24.00	1.208	---	---	---	---
		Front	L	23.17	24.00	1.211	---	---	---	---
			M	23.17	24.00	1.211	---	---	---	---
			H	23.18	24.00	1.208	---	---	---	---
		Top	L	23.17	24.00	1.211	---	---	---	---
			M	23.17	24.00	1.211	---	---	---	---
			H	23.18	24.00	1.208	---	---	---	---
		Bottom	L	23.17	24.00	1.211	---	---	---	---
			M	23.17	24.00	1.211	---	---	---	---
			H	23.18	24.00	1.208	1.150	---	1.389	---

					CA	23.16	24.00	1.213	1.120	----	1.359	----		
				Left	L	23.17	24.00	1.211	----	----	----	----		
					M	23.17	24.00	1.211	----	----	----	----		
					H	23.18	24.00	1.208	----	----	----	----		
				Right	L	23.17	24.00	1.211	----	----	----	----		
					M	23.17	24.00	1.211	----	----	----	----		
					H	23.18	24.00	1.208	----	----	----	----		
				QPSK 50%RB	0mm	Back	L	22.07	23.00	1.239	----	----	----	----
							M	22.13	23.00	1.222	----	----	----	----
H	22.18	23.00	1.208				----	----	----	----				
Front	L	22.07	23.00			1.239	----	----	----	----				
	M	22.13	23.00			1.222	----	----	----	----				
	H	22.18	23.00			1.208	----	----	----	----				
Top	L	22.07	23.00			1.239	----	----	----	----				
	M	22.13	23.00			1.222	----	----	----	----				
	H	22.18	23.00			1.208	----	----	----	----				
Bottom	L	22.07	23.00			1.239	----	----	----	----				
	M	22.13	23.00			1.222	----	----	----	----				
	H	22.18	23.00			1.208	0.996	----	1.203	----				
Left	L	22.07	23.00			1.239	----	----	----	----				
	M	22.13	23.00			1.222	----	----	----	----				
	H	22.18	23.00			1.208	----	----	----	----				
Right	L	22.07	23.00			1.239	----	----	----	----				
	M	22.13	23.00			1.222	----	----	----	----				
	H	22.18	23.00	1.208	----	----	----	----						

## EN\_DC

Test case				Meas power(dBm)	Tune-up	Scaling	Meas SAR(w/kg)		Report SAR(w/kg)	
Mode	Exposure condition	Position	Channel		(dBm)	factor	First	Second	First	Second
QPSK 1RB	Head	Left cheek	L	---	---	---	---	---	---	---
			M	---	---	---	---	---	---	---
			H	---	---	---	---	---	---	---
		Left tilted	L	---	---	---	---	---	---	---
			M	---	---	---	---	---	---	---
			H	---	---	---	---	---	---	---
		Right cheek	L	---	---	---	---	---	---	---
			M	---	---	---	---	---	---	---
			H	---	---	---	---	---	---	---
		Right tilted	L	---	---	---	---	---	---	---
			M	---	---	---	---	---	---	---
			H	---	---	---	---	---	---	---
	Body-worn	Back	L	23.17	22.00	0.764	0.637	---	0.487	---
			M	23.17	22.00	0.764	0.614	---	0.469	---
			H	23.18	22.00	0.762	0.712	---	0.543	---
		Front	L	23.17	22.00	0.764	0.816	---	0.623	---
			M	23.17	22.00	0.764	0.837	---	0.639	---
			H	23.18	22.00	0.762	0.803	---	0.612	---
		Back	L	21.00	19.00	0.631	---	---	---	---
			M	20.93	19.00	0.641	---	---	---	---
			H	21.11	19.00	0.615	0.352	---	0.217	---
		Front	L	21.00	19.00	0.631	---	---	---	---
			M	20.93	19.00	0.641	---	---	---	---
			H	21.11	19.00	0.615	0.401	---	0.247	---
	Hotspot	Top	L	21.00	19.00	0.631	---	---	---	---
			M	20.93	19.00	0.641	---	---	---	---
			H	21.11	19.00	0.615	---	---	---	---
		Bottom	L	21.00	19.00	0.631	0.946	---	0.597	---
			M	20.93	19.00	0.641	0.954	---	0.612	---
			H	21.11	19.00	0.615	0.952	---	0.586	---
		Left	L	21.00	19.00	0.631	---	---	---	---
			M	20.93	19.00	0.641	---	---	---	---
			H	21.11	19.00	0.615	0.002	---	0.001	---
		Right	L	21.00	19.00	0.631	---	---	---	---

QPSK 50%RB	Head	Left cheek	M	20.93	19.00	0.641	----	----	----	----
			H	21.11	19.00	0.615	0.018	----	0.011	----
			L	----	----	----	----	----	----	----
		Left tilted	M	----	----	----	----	----	----	----
			H	----	----	----	----	----	----	----
			L	----	----	----	----	----	----	----
		Right cheek	M	----	----	----	----	----	----	----
			H	----	----	----	----	----	----	----
			L	----	----	----	----	----	----	----
		Right tilted	M	----	----	----	----	----	----	----
			H	----	----	----	----	----	----	----
			L	----	----	----	----	----	----	----
	Body-worn	Back	L	22.07	22.00	0.984	----	----	----	----
			M	22.10	22.00	0.977	----	----	----	----
			H	22.18	22.00	0.959	0.593	----	0.569	----
		Front	L	22.07	22.00	0.984	0.735	----	0.723	----
			M	22.10	22.00	0.977	0.673	----	0.658	----
			H	22.18	22.00	0.959	0.745	----	0.715	----
	Hotspot	Back	L	20.17	19.00	0.764	----	----	----	----
			M	20.15	19.00	0.767	----	----	----	----
			H	20.18	19.00	0.762	0.278	----	0.212	----
		Front	L	20.17	19.00	0.764	----	----	----	----
			M	20.15	19.00	0.767	----	----	----	----
			H	20.18	19.00	0.762	0.296	----	0.226	----
		Top	L	20.17	19.00	0.764	----	----	----	----
			M	20.15	19.00	0.767	----	----	----	----
			H	20.18	19.00	0.762	----	----	----	----
		Bottom	L	20.17	19.00	0.764	0.890	----	0.680	----
			M	20.15	19.00	0.767	0.878	----	0.674	----
			H	20.18	19.00	0.762	0.812	----	0.619	----
		Left	L	20.17	19.00	0.764	----	----	----	----
			M	20.15	19.00	0.767	----	----	----	----
			H	20.18	19.00	0.762	0.002	----	0.002	----
		Right	L	20.17	19.00	0.764	----	----	----	----
			M	20.15	19.00	0.767	----	----	----	----
			H	20.18	19.00	0.762	0.017	----	0.013	----
QPSK 100%RB	Body-worn	Back	L	22.52	22.00	0.887	0.571	----	0.507	----
			M	----	----	----	----	----	----	----
			H	----	----	----	----	----	----	----
		Front	L	22.52	22.00	0.887	0.754	----	0.669	----
			M	----	----	----	----	----	----	----
			H	----	----	----	----	----	----	----
	Hotspot	Back	L	20.33	19.00	0.736	----	----	----	----
			M	----	----	----	----	----	----	----
			H	----	----	----	----	----	----	----
		Front	L	20.33	19.00	0.736	----	----	----	----
			M	----	----	----	----	----	----	----
			H	----	----	----	----	----	----	----
		Top	L	20.33	19.00	0.736	----	----	----	----
			M	----	----	----	----	----	----	----
			H	----	----	----	----	----	----	----
		Bottom	L	20.33	19.00	0.736	0.823	----	0.606	----
			M	----	----	----	----	----	----	----
			H	----	----	----	----	----	----	----
		Left	L	20.33	19.00	0.736	----	----	----	----
			M	----	----	----	----	----	----	----
			H	----	----	----	----	----	----	----
		Right	L	20.33	19.00	0.736	----	----	----	----
			M	----	----	----	----	----	----	----
			H	----	----	----	----	----	----	----

Mode: LTE Band 12

fL (MHz)=704 MHz

fM (MHz)=707.5MHz

fH (MHz)= 711MHz

Limit of SAR (W/kg): <1.6W/kg (1g Average)

Test case				Meas power(dBm)	Tune-up	Scaling	Meas SAR(w/kg)		Report SAR(w/kg)	
Mode	Exposure condition	Position	Channel		(dBm)	factor	First	Second	First	Second
QPSK 1RB	Head	Left cheek	L	22.61	24.00	1.377	---	---	---	---
			M	22.77	24.00	1.327	0.070	---	0.093	---
			H	22.77	24.00	1.327	---	---	---	---
		Left tilted	L	22.61	24.00	1.377	---	---	---	---
			M	22.77	24.00	1.327	0.040	---	0.053	---
			H	22.77	24.00	1.327	---	---	---	---
		Right cheek	L	22.61	24.00	1.377	---	---	---	---
			M	22.77	24.00	1.327	0.110	---	0.146	---
			H	22.77	24.00	1.327	---	---	---	---
		Right tilted	L	22.61	24.00	1.377	---	---	---	---
			M	22.77	24.00	1.327	0.034	---	0.044	---
			H	22.77	24.00	1.327	---	---	---	---
	Body-worn	Back	L	22.61	24.00	1.377	---	---	---	---
			M	22.77	24.00	1.327	0.125	---	0.166	---
			H	22.77	24.00	1.327	---	---	---	---
		Front	L	22.61	24.00	1.377	---	---	---	---
			M	22.77	24.00	1.327	0.104	---	0.138	---
			H	22.77	24.00	1.327	---	---	---	---
	Hotspot	Back	L	22.61	24.00	1.377	---	---	---	---
			M	22.77	24.00	1.327	0.125	---	0.166	---
			H	22.77	24.00	1.327	---	---	---	---
		Front	L	22.61	24.00	1.377	---	---	---	---
			M	22.77	24.00	1.327	0.104	---	0.138	---
			H	22.77	24.00	1.327	---	---	---	---
		Top	L	22.61	24.00	1.377	---	---	---	---
			M	22.77	24.00	1.327	---	---	---	---
			H	22.77	24.00	1.327	---	---	---	---
		Bottom	L	22.61	24.00	1.377	---	---	---	---
			M	22.77	24.00	1.327	0.105	---	0.139	---
			H	22.77	24.00	1.327	---	---	---	---
		Left	L	22.61	24.00	1.377	---	---	---	---
			M	22.77	24.00	1.327	0.049	---	0.065	---
			H	22.77	24.00	1.327	---	---	---	---
		Right	L	22.61	24.00	1.377	---	---	---	---
			M	22.77	24.00	1.327	0.090	---	0.120	---
			H	22.77	24.00	1.327	---	---	---	---
QPSK 50%RB	Head	Left cheek	L	21.59	23.00	1.384	---	---	---	---
			M	21.68	23.00	1.355	0.057	---	0.077	---
			H	21.68	23.00	1.355	---	---	---	---
		Left tilted	L	21.59	23.00	1.384	---	---	---	---
			M	21.68	23.00	1.355	0.030	---	0.041	---
			H	21.68	23.00	1.355	---	---	---	---
		Right cheek	L	21.59	23.00	1.384	---	---	---	---
			M	21.68	23.00	1.355	0.074	---	0.100	---
			H	21.68	23.00	1.355	---	---	---	---
		Right tilted	L	21.59	23.00	1.384	---	---	---	---
			M	21.68	23.00	1.355	0.028	---	0.038	---
			H	21.68	23.00	1.355	---	---	---	---
	Body-worn	Back	L	21.59	23.00	1.384	---	---	---	---
			M	21.68	23.00	1.355	0.102	---	0.138	---
			H	21.68	23.00	1.355	---	---	---	---

	Hotspot	Front	L	21.59	23.00	1.384	---	---	---	---
			M	21.68	23.00	1.355	0.098	---	0.133	---
			H	21.68	23.00	1.355	---	---	---	---
		Back	L	21.59	23.00	1.384	---	---	---	---
			M	21.68	23.00	1.355	0.102	---	0.138	---
			H	21.68	23.00	1.355	---	---	---	---
		Front	L	21.59	23.00	1.384	---	---	---	---
			M	21.68	23.00	1.355	0.098	---	0.133	---
			H	21.68	23.00	1.355	---	---	---	---
		Top	L	21.59	23.00	1.384	---	---	---	---
			M	21.68	23.00	1.355	---	---	---	---
			H	21.68	23.00	1.355	---	---	---	---
		Bottom	L	21.59	23.00	1.384	---	---	---	---
			M	21.68	23.00	1.355	0.083	---	0.112	---
			H	21.68	23.00	1.355	---	---	---	---
		Left	L	21.59	23.00	1.384	---	---	---	---
			M	21.68	23.00	1.355	0.040	---	0.054	---
			H	21.68	23.00	1.355	---	---	---	---
		Right	L	21.59	23.00	1.384	---	---	---	---
			M	21.68	23.00	1.355	0.072	---	0.097	---
			H	21.68	23.00	1.355	---	---	---	---

**Mode: LTE Band 13**

FI (MHz)=782 MHz

Fm (MHz)=782MHz

Fh (MHz)= 782MHz

**Limit of SAR (W/kg): <1.6W/kg (1g Average)**

Test case				Meas power(dBm)	Tune-up	Scaling	Meas SAR(w/kg)		Report SAR(w/kg)	
Mode	Exposure condition	Position	Channel		(dBm)	factor	First	Second	First	Second
QPSK 1RB	Head	Left cheek	L	---	---	---	---	---	---	---
			M	22.99	24.00	1.262	0.069	---	0.087	---
			H	---	---	---	---	---	---	---
		Left tilted	L	---	---	---	---	---	---	---
			M	22.99	24.00	1.262	0.035	---	0.044	---
			H	---	---	---	---	---	---	---
		Right cheek	L	---	---	---	---	---	---	---
			M	22.99	24.00	1.262	0.062	---	0.079	---
			H	---	---	---	---	---	---	---
		Right tilted	L	---	---	---	---	---	---	---
			M	22.99	24.00	1.262	0.026	---	0.032	---
			H	---	---	---	---	---	---	---
	Body-worn	Back	L	---	---	---	---	---	---	---
			M	22.99	24.00	1.262	0.111	---	0.140	---
			H	---	---	---	---	---	---	---
		Front	L	---	---	---	---	---	---	---
			M	22.99	24.00	1.262	0.130	---	0.164	---
			H	---	---	---	---	---	---	---
	Hotspot	Back	L	---	---	---	---	---	---	---
			M	22.99	24.00	1.262	0.111	---	0.140	---
			H	---	---	---	---	---	---	---
		Front	L	---	---	---	---	---	---	---
			M	22.99	24.00	1.262	0.130	---	0.164	---
			H	---	---	---	---	---	---	---
		Top	L	---	---	---	---	---	---	---
			M	22.99	24.00	1.262	---	---	---	---
			H	---	---	---	---	---	---	---
		Bottom	L	---	---	---	---	---	---	---
			M	22.99	24.00	1.262	0.103	---	0.130	---
			H	---	---	---	---	---	---	---
		Left	L	---	---	---	---	---	---	---
			M	22.99	24.00	1.262	0.019	---	0.024	---
			H	---	---	---	---	---	---	---
		Right	L	---	---	---	---	---	---	---
			M	22.99	24.00	1.262	0.094	---	0.119	---
			H	---	---	---	---	---	---	---
QPSK 50%RB	Head	Left cheek	L	---	---	---	---	---	---	---
			M	21.90	23.00	1.288	0.050	---	0.065	---
			H	---	---	---	---	---	---	---
		Left tilted	L	---	---	---	---	---	---	---
			M	21.90	23.00	1.288	0.027	---	0.034	---
			H	---	---	---	---	---	---	---
		Right cheek	L	---	---	---	---	---	---	---
			M	21.90	23.00	1.288	0.051	---	0.065	---
			H	---	---	---	---	---	---	---
		Right tilted	L	---	---	---	---	---	---	---
			M	21.90	23.00	1.288	0.021	---	0.028	---
			H	---	---	---	---	---	---	---
	Body-worn	Back	L	---	---	---	---	---	---	---
			M	21.90	23.00	1.288	0.104	---	0.134	---
			H	---	---	---	---	---	---	---

		Front	L	---	---	---	---	---	---	---
			M	21.90	23.00	1.288	0.097	---	0.125	---
			H	---	---	---	---	---	---	---
	Hotspot	Back	L	---	---	---	---	---	---	---
			M	21.90	23.00	1.288	0.104	---	0.134	---
			H	---	---	---	---	---	---	---
		Front	L	---	---	---	---	---	---	---
			M	21.90	23.00	1.288	0.097	---	0.125	---
			H	---	---	---	---	---	---	---
		Top	L	---	---	---	---	---	---	---
			M	21.90	23.00	1.288	---	---	---	---
			H	---	---	---	---	---	---	---
		Bottom	L	---	---	---	---	---	---	---
			M	21.90	23.00	1.288	0.085	---	0.109	---
			H	---	---	---	---	---	---	---
		Left	L	---	---	---	---	---	---	---
			M	21.90	23.00	1.288	0.017	---	0.022	---
			H	---	---	---	---	---	---	---
		Right	L	---	---	---	---	---	---	---
			M	21.90	23.00	1.288	0.077	---	0.099	---
			H	---	---	---	---	---	---	---



**Mode: LTE Band 17**

fL (MHz)=709 MHz

fM (MHz)=710 MHz

fH (MHz)= 711 MHz

**Limit of SAR (W/kg): <1.6W/kg (1g Average)**

Test case				Meas power(dBm)	Tune-up	Scaling	Meas SAR(w/kg)		Report SAR(w/kg)	
Mode	Exposure condition	Position	Channel		(dBm)	factor	First	Second	First	Second
QPSK 1RB	Head	Left cheek	L	22.6	24.00	1.380	---	---	---	---
			M	22.62	24.00	1.374	0.148	---	0.203	---
			H	22.55	24.00	1.396	---	---	---	---
		Left tilted	L	22.6	24.00	1.380	---	---	---	---
			M	22.62	24.00	1.374	0.077	---	0.106	---
			H	22.55	24.00	1.396	---	---	---	---
		Right cheek	L	22.6	24.00	1.380	---	---	---	---
			M	22.62	24.00	1.374	0.055	---	0.076	---
			H	22.55	24.00	1.396	---	---	---	---
		Right tilted	L	22.6	24.00	1.380	---	---	---	---
			M	22.62	24.00	1.374	0.033	---	0.046	---
			H	22.55	24.00	1.396	---	---	---	---
	Body-worn	Back	L	22.6	24.00	1.380	---	---	---	---
			M	22.62	24.00	1.374	0.124	---	0.170	---
			H	22.55	24.00	1.396	---	---	---	---
		Front	L	22.6	24.00	1.380	---	---	---	---
			M	22.62	24.00	1.374	0.106	---	0.146	---
			H	22.55	24.00	1.396	---	---	---	---
	Hotspot	Back	L	22.6	24.00	1.380	---	---	---	---
			M	22.62	24.00	1.374	0.124	---	0.170	---
			H	22.55	24.00	1.396	---	---	---	---
		Front	L	22.6	24.00	1.380	---	---	---	---
			M	22.62	24.00	1.374	0.106	---	0.146	---
			H	22.55	24.00	1.396	---	---	---	---
		Top	L	22.6	24.00	1.380	---	---	---	---
			M	22.62	24.00	1.374	---	---	---	---
			H	22.55	24.00	1.396	---	---	---	---
		Bottom	L	22.6	24.00	1.380	---	---	---	---
			M	22.62	24.00	1.374	0.110	---	0.151	---
			H	22.55	24.00	1.396	---	---	---	---
		Left	L	22.6	24.00	1.380	---	---	---	---
			M	22.62	24.00	1.374	0.057	---	0.078	---
			H	22.55	24.00	1.396	---	---	---	---
		Right	L	22.6	24.00	1.380	---	---	---	---
			M	22.62	24.00	1.374	0.108	---	0.148	---
			H	22.55	24.00	1.396	---	---	---	---
QPSK 50%RB	Head	Left cheek	L	21.66	23.00	1.361	---	---	---	---
			M	21.73	23.00	1.340	0.126	---	0.169	---
			H	21.72	23.00	1.343	---	---	---	---
		Left tilted	L	21.66	23.00	1.361	---	---	---	---
			M	21.73	23.00	1.340	0.058	---	0.078	---
			H	21.72	23.00	1.343	---	---	---	---
		Right cheek	L	21.66	23.00	1.361	---	---	---	---
			M	21.73	23.00	1.340	0.043	---	0.057	---
			H	21.72	23.00	1.343	---	---	---	---
		Right tilted	L	21.66	23.00	1.361	---	---	---	---
			M	21.73	23.00	1.340	0.027	---	0.036	---
			H	21.72	23.00	1.343	---	---	---	---
	Body-worn	Back	L	21.66	23.00	1.361	---	---	---	---
			M	21.73	23.00	1.340	0.100	---	0.134	---
			H	21.72	23.00	1.343	---	---	---	---
		Front	L	21.66	23.00	1.361	---	---	---	---

	Hotspot		M	21.73	23.00	1.340	0.088	---	0.117	---
			H	21.72	23.00	1.343	---	---	---	---
		Back	L	21.66	23.00	1.361	---	---	---	---
			M	21.73	23.00	1.340	0.100	---	0.134	---
			H	21.72	23.00	1.343	---	---	---	---
			L	21.66	23.00	1.361	---	---	---	---
		Front	M	21.73	23.00	1.340	0.088	---	0.117	---
			H	21.72	23.00	1.343	---	---	---	---
			L	21.66	23.00	1.361	---	---	---	---
			M	21.73	23.00	1.340	---	---	---	---
			H	21.72	23.00	1.343	---	---	---	---
		Top	L	21.66	23.00	1.361	---	---	---	---
			M	21.73	23.00	1.340	---	---	---	---
			H	21.72	23.00	1.343	---	---	---	---
			L	21.66	23.00	1.361	---	---	---	---
		Bottom	M	21.73	23.00	1.340	0.089	---	0.119	---
			H	21.72	23.00	1.343	---	---	---	---
			L	21.66	23.00	1.361	---	---	---	---
			M	21.73	23.00	1.340	0.046	---	0.061	---
		Left	H	21.72	23.00	1.343	---	---	---	---
			L	21.66	23.00	1.361	---	---	---	---
			M	21.73	23.00	1.340	0.084	---	0.112	---
			H	21.72	23.00	1.343	---	---	---	---

**Mode: LTE Band 38**

fL (MHz)= 2580 MHz      fM (MHz)= 2595MHz      fH (MHz)= 2610MHz

**Limit of SAR (W/kg): <1.6W/kg (1g Average)**

Test case				Meas power(dBm)	Tune-up	Scaling	Meas SAR(w/kg)		Report SAR(w/kg)	
Mode	Exposure condition	Position	Channel		(dBm)	factor	First	Second	First	Second
QPSK 1RB	Head	Left cheek	L	18.33	20.00	1.469	---	---	---	---
			M	18.34	20.00	1.466	0.232	---	0.340	---
			H	17.91	20.00	1.618	---	---	---	---
		Left tilted	L	18.33	20.00	1.469	---	---	---	---
			M	18.34	20.00	1.466	0.244	---	0.358	---
			H	17.91	20.00	1.618	---	---	---	---
		Right cheek	L	18.33	20.00	1.469	---	---	---	---
			M	18.34	20.00	1.466	0.355	---	0.520	---
			H	17.91	20.00	1.618	---	---	---	---
		Right tilted	L	18.33	20.00	1.469	---	---	---	---
			M	18.34	20.00	1.466	0.507	---	0.743	---
			CA	18.14	20.00	1.535	0.479	---	0.735	---
			H	17.91	20.00	1.618	---	---	---	---
	Body-worn	Back	L	22.33	24.00	1.469	---	---	---	---
			M	22.34	24.00	1.466	0.297	---	0.435	---
			CA	22.01	24.00	1.581	0.256	---	0.405	---
			H	22.1	24.00	1.549	---	---	---	---
		Front	L	22.33	24.00	1.469	---	---	---	---
			M	22.34	24.00	1.466	0.182	---	0.267	---
			H	22.1	24.00	1.549	---	---	---	---
		Back	L	22.33	24.00	1.469	---	---	---	---
			M	22.34	24.00	1.466	0.297	---	0.435	---
			H	22.1	24.00	1.549	---	---	---	---
		Front	L	22.33	24.00	1.469	---	---	---	---
			M	22.34	24.00	1.466	0.182	---	0.267	---
			H	22.1	24.00	1.549	---	---	---	---
	Hotspot	Top	L	22.33	24.00	1.469	---	---	---	---
			M	22.34	24.00	1.466	0.465	---	0.681	---
			CA	22.01	24.00	1.581	0.358	---	0.566	---
			H	22.1	24.00	1.549	---	---	---	---
		Bottom	L	22.33	24.00	1.469	---	---	---	---
			M	22.34	24.00	1.466	---	---	---	---
			H	22.1	24.00	1.549	---	---	---	---
		Left	L	22.33	24.00	1.469	---	---	---	---
			M	22.34	24.00	1.466	0.036	---	0.052	---
			H	22.1	24.00	1.549	---	---	---	---
		Right	L	22.33	24.00	1.469	---	---	---	---
			M	22.34	24.00	1.466	0.030	---	0.044	---
			H	22.1	24.00	1.549	---	---	---	---
	Head	Left cheek	L	17.58	19.00	1.387	---	---	---	---
			M	17.59	19.00	1.384	0.196	---	0.271	---
			H	17.21	19.00	1.510	---	---	---	---
		Left tilted	L	17.58	19.00	1.387	---	---	---	---
			M	17.59	19.00	1.384	0.201	---	0.278	---
			H	17.21	19.00	1.510	---	---	---	---
		Right cheek	L	17.58	19.00	1.387	---	---	---	---
			M	17.59	19.00	1.384	0.304	---	0.421	---
			H	17.21	19.00	1.510	---	---	---	---
		Right tilted	L	17.58	19.00	1.387	---	---	---	---
			M	17.59	19.00	1.384	0.381	---	0.527	---
			H	17.21	19.00	1.510	---	---	---	---

	Body-worn	Back	L	21.47	23.00	1.422	---	---	---	---
			M	21.50	23.00	1.413	0.246	---	0.347	---
			H	21.16	23.00	1.528	---	---	---	---
		Front	L	21.47	23.00	1.422	---	---	---	---
			M	21.50	23.00	1.413	0.148	---	0.209	---
			H	21.16	23.00	1.528	---	---	---	---
	Hotspot	Back	L	21.47	23.00	1.422	---	---	---	---
			M	21.50	23.00	1.413	0.246	---	0.347	---
			H	21.16	23.00	1.528	---	---	---	---
		Front	L	21.47	23.00	1.422	---	---	---	---
			M	21.50	23.00	1.413	0.148	---	0.209	---
			H	21.16	23.00	1.528	---	---	---	---
		Top	L	21.47	23.00	1.422	---	---	---	---
			M	21.50	23.00	1.413	0.386	---	0.545	---
			H	21.16	23.00	1.528	---	---	---	---
		Bottom	L	21.47	23.00	1.422	---	---	---	---
			M	21.50	23.00	1.413	---	---	---	---
			H	21.16	23.00	1.528	---	---	---	---
		Left	L	21.47	23.00	1.422	---	---	---	---
			M	21.50	23.00	1.413	0.029	---	0.040	---
			H	21.16	23.00	1.528	---	---	---	---
		Right	L	21.47	23.00	1.422	---	---	---	---
			M	21.50	23.00	1.413	0.021	---	0.030	---
			H	21.16	23.00	1.528	---	---	---	---

**Mode: LTE Band 41**

fL1 (MHz)= 2506 MHz    fL2 (MHz)= 2549.5 MHz    fM (MHz)= 2593MHz    fH1 (MHz)= 2636.5MHz    fH2 (MHz)= 2680MHz

**Limit of SAR (W/kg): <1.6W/kg (1g Average)**

Test case				Meas power(dBm)	Tune-up	Scaling	Meas SAR(w/kg)		Report SAR(w/kg)	
Mode	Exposure condition	Position	Channel		(dBm)	factor	First	Second	First	Second
QPSK 1RB	Head	Left cheek	L1	19.02	20.00	1.253	---	---	---	---
			L2	19.01	20.00	1.256	---	---	---	---
			M	19.20	20.00	1.202	0.195	---	0.234	---
			H1	19.00	20.00	1.259	---	---	---	---
			H2	18.95	20.00	1.274	---	---	---	---
		Left tilted	L1	19.02	20.00	1.253	---	---	---	---
			L2	19.01	20.00	1.256	---	---	---	---
			M	19.20	20.00	1.202	0.240	---	0.289	---
			H1	19.00	20.00	1.259	---	---	---	---
			H2	18.95	20.00	1.274	---	---	---	---
		Right cheek	L1	19.02	20.00	1.253	---	---	---	---
			L2	19.01	20.00	1.256	---	---	---	---
			M	19.20	20.00	1.202	0.397	---	0.477	---
			CA	18.91	20.00	1.285	0.356	---	0.458	---
			H1	19.00	20.00	1.259	---	---	---	---
			H2	18.95	20.00	1.274	---	---	---	---
		Right tilted	L1	19.02	20.00	1.253	---	---	---	---
			L2	19.01	20.00	1.256	---	---	---	---
			M	19.20	20.00	1.202	0.394	---	0.474	---
			H1	19.00	20.00	1.259	---	---	---	---
			H2	18.95	20.00	1.274	---	---	---	---
	Body-worn	Back	L1	23.07	24.00	1.239	---	---	---	---
			L2	23.02	24.00	1.253	---	---	---	---
			M	23.20	24.00	1.202	0.285	---	0.343	---
			CA	22.89	24.00	1.291	0.245	---	0.316	---
			H1	22.95	24.00	1.274	---	---	---	---
			H2	22.96	24.00	1.271	---	---	---	---
		Front	L1	23.07	24.00	1.239	---	---	---	---
			L2	23.02	24.00	1.253	---	---	---	---
			M	23.20	24.00	1.202	0.203	---	0.244	---
			H1	22.95	24.00	1.274	---	---	---	---
			H2	22.96	24.00	1.271	---	---	---	---
		Hotspot	Back	L1	23.07	24.00	1.239	---	---	---
				L2	23.02	24.00	1.253	---	---	---
				M	23.20	24.00	1.202	0.285	---	0.343
				H1	22.95	24.00	1.274	---	---	---
				H2	22.96	24.00	1.271	---	---	---
			Front	L1	23.07	24.00	1.239	---	---	---
				L2	23.02	24.00	1.253	---	---	---
				M	23.20	24.00	1.202	<b>0.203</b>	---	0.244
				H1	22.95	24.00	1.274	---	---	---
				H2	22.96	24.00	1.271	---	---	---
		Top	L1	23.07	24.00	1.239	---	---	---	---
			L2	23.02	24.00	1.253	---	---	---	---
			M	23.20	24.00	1.202	0.432	---	0.519	---
			CA	22.89	24.00	1.291	0.356	---	0.460	---
			H1	22.95	24.00	1.274	---	---	---	---
			H2	22.96	24.00	1.271	---	---	---	---
		Bottom	L1	23.07	24.00	1.239	---	---	---	---
			L2	23.02	24.00	1.253	---	---	---	---

QPSK 50%RB	Head	Left	M	23.20	24.00	1.202	---	---	---	---
			H1	22.95	24.00	1.274	---	---	---	---
			H2	22.96	24.00	1.271	---	---	---	---
			L1	23.07	24.00	1.239	---	---	---	---
			L2	23.02	24.00	1.253	---	---	---	---
			M	23.20	24.00	1.202	0.034	---	0.041	---
			H1	22.95	24.00	1.274	---	---	---	---
			H2	22.96	24.00	1.271	---	---	---	---
		Right	L1	23.07	24.00	1.239	---	---	---	---
			L2	23.02	24.00	1.253	---	---	---	---
			M	23.20	24.00	1.202	0.023	---	0.027	---
			H1	22.95	24.00	1.274	---	---	---	---
			H2	22.96	24.00	1.271	---	---	---	---
			L1	18.03	19.00	1.250	---	---	---	---
			L2	17.94	19.00	1.276	---	---	---	---
			M	18.10	19.00	1.230	0.164	---	0.202	---
			H1	17.92	19.00	1.282	---	---	---	---
			H2	17.86	19.00	1.300	---	---	---	---
QPSK 50%RB	Body-worn	Left cheek	L1	18.03	19.00	1.250	---	---	---	---
			L2	17.94	19.00	1.276	---	---	---	---
			M	18.10	19.00	1.230	0.164	---	0.202	---
			H1	17.92	19.00	1.282	---	---	---	---
			H2	17.86	19.00	1.300	---	---	---	---
		Left tilted	L1	18.03	19.00	1.250	---	---	---	---
			L2	17.94	19.00	1.276	---	---	---	---
			M	18.10	19.00	1.230	0.202	---	0.249	---
			H1	17.92	19.00	1.282	---	---	---	---
			H2	17.86	19.00	1.300	---	---	---	---
		Right cheek	L1	18.03	19.00	1.250	---	---	---	---
			L2	17.94	19.00	1.276	---	---	---	---
			M	18.10	19.00	1.230	0.381	---	0.469	---
			H1	17.92	19.00	1.282	---	---	---	---
			H2	17.86	19.00	1.300	---	---	---	---
		Right tilted	L1	18.03	19.00	1.250	---	---	---	---
			L2	17.94	19.00	1.276	---	---	---	---
			M	18.10	19.00	1.230	0.374	---	0.460	---
			H1	17.92	19.00	1.282	---	---	---	---
			H2	17.86	19.00	1.300	---	---	---	---
	Hotspot	Back	L1	22.06	23.00	1.242	---	---	---	---
			L2	21.98	23.00	1.265	---	---	---	---
			M	22.07	23.00	1.239	0.239	---	0.296	---
			H1	21.93	23.00	1.279	---	---	---	---
			H2	21.90	23.00	1.288	---	---	---	---
		Front	L1	22.06	23.00	1.242	---	---	---	---
			L2	21.98	23.00	1.265	---	---	---	---
			M	22.07	23.00	1.239	0.162	---	0.201	---
			H1	21.93	23.00	1.279	---	---	---	---
			H2	21.90	23.00	1.288	---	---	---	---
		Top	L1	22.06	23.00	1.242	---	---	---	---
			L2	21.98	23.00	1.265	---	---	---	---
			M	22.07	23.00	1.239	0.386	---	0.478	---
			H1	21.93	23.00	1.279	---	---	---	---
			H2	21.90	23.00	1.288	---	---	---	---

		Bottom	L1	22.06	23.00	1.242	---	---	---	---
			L2	21.98	23.00	1.265	---	---	---	---
			M	22.07	23.00	1.239	---	---	---	---
			H1	21.93	23.00	1.279	---	---	---	---
			H2	21.90	23.00	1.288	---	---	---	---
		Left	L1	22.06	23.00	1.242	---	---	---	---
			L2	21.98	23.00	1.265	---	---	---	---
			M	22.07	23.00	1.239	0.029	---	0.036	---
			H1	21.93	23.00	1.279	---	---	---	---
			H2	21.90	23.00	1.288	---	---	---	---
		Right	L1	22.06	23.00	1.242	---	---	---	---
			L2	21.98	23.00	1.265	---	---	---	---
			M	22.07	23.00	1.239	0.018	---	0.022	---
			H1	21.93	23.00	1.279	---	---	---	---
			H2	21.90	23.00	1.288	---	---	---	---

**Mode: LTE Band 66**

fL (MHz)= 1720 MHz      fM (MHz)= 1745MHz      fH (MHz)= 1770MHz

**Limit of SAR (W/kg): <1.6W/kg (1g Average)**

Test case				Meas power(dBm)	Tune-up	Scaling	Meas SAR(w/kg)		Report SAR(w/kg)	
Mode	Exposure condition	Position	Channel		(dBm)	factor	First	Second	First	Second
QPSK 1RB	Head	Left cheek	L	22.80	24.00	1.318	---	---	---	---
			M	22.88	24.00	1.294	0.190	---	0.246	---
			H	22.81	24.00	1.315	---	---	---	---
		Left tilted	L	22.80	24.00	1.318	---	---	---	---
			M	22.88	24.00	1.294	0.090	---	0.116	---
			H	22.81	24.00	1.315	---	---	---	---
		Right cheek	L	22.80	24.00	1.318	---	---	---	---
			M	22.88	24.00	1.294	0.072	---	0.094	---
			H	22.81	24.00	1.315	---	---	---	---
		Right tilted	L	22.80	24.00	1.318	---	---	---	---
			M	22.88	24.00	1.294	0.070	---	0.091	---
			H	22.81	24.00	1.315	---	---	---	---
	Body-worn	Back	L	22.80	24.00	1.318	---	---	---	---
			M	22.88	24.00	1.294	0.422	---	0.546	---
			H	22.81	24.00	1.315	---	---	---	---
		Front	L	22.80	24.00	1.318	---	---	---	---
			M	22.88	24.00	1.294	0.354	---	0.458	---
			H	22.81	24.00	1.315	---	---	---	---
	Hotspot	Back	L	22.80	24.00	1.318	---	---	---	---
			M	22.88	24.00	1.294	0.422	---	0.546	---
			H	22.81	24.00	1.315	---	---	---	---
		Front	L	22.80	24.00	1.318	---	---	---	---
			M	22.88	24.00	1.294	0.354	---	0.458	---
			H	22.81	24.00	1.315	---	---	---	---
		Top	L	22.80	24.00	1.318	---	---	---	---
			M	22.88	24.00	1.294	---	---	---	---
			H	22.81	24.00	1.315	---	---	---	---
		Bottom	L	22.80	24.00	1.318	---	---	---	---
			M	22.88	24.00	1.294	0.296	---	0.383	---
			H	22.81	24.00	1.315	---	---	---	---
		Left	L	22.80	24.00	1.318	---	---	---	---
			M	22.88	24.00	1.294	0.401	---	0.519	---
			H	22.81	24.00	1.315	---	---	---	---
		Right	L	22.80	24.00	1.318	---	---	---	---
			M	22.88	24.00	1.294	---	---	---	---
			H	22.81	24.00	1.315	---	---	---	---
QPSK 50%RB	Head	Left cheek	L	21.59	23.00	1.384	---	---	---	---
			M	21.71	23.00	1.346	0.135	---	0.182	---
			H	21.71	23.00	1.346	---	---	---	---
		Left tilted	L	21.59	23.00	1.384	---	---	---	---
			M	21.71	23.00	1.346	0.068	---	0.092	---
			H	21.71	23.00	1.346	---	---	---	---
		Right cheek	L	21.59	23.00	1.384	---	---	---	---
			M	21.71	23.00	1.346	0.068	---	0.091	---
			H	21.71	23.00	1.346	---	---	---	---
		Right tilted	L	21.59	23.00	1.384	---	---	---	---
			M	21.71	23.00	1.346	0.070	---	0.094	---
			H	21.71	23.00	1.346	---	---	---	---
	Body-worn	Back	L	21.59	23.00	1.384	---	---	---	---
			M	21.71	23.00	1.346	0.352	---	0.474	---
			H	21.71	23.00	1.346	---	---	---	---



	Hotspot	Front	L	21.59	23.00	1.384	---	---	---	---
			M	21.71	23.00	1.346	0.290	---	0.390	---
			H	21.71	23.00	1.346	---	---	---	---
		Back	L	21.59	23.00	1.384	---	---	---	---
			M	21.71	23.00	1.346	0.352	---	0.474	---
			H	21.71	23.00	1.346	---	---	---	---
		Front	L	21.59	23.00	1.384	---	---	---	---
			M	21.71	23.00	1.346	0.290	---	0.390	---
			H	21.71	23.00	1.346	---	---	---	---
		Top	L	21.59	23.00	1.384	---	---	---	---
			M	21.71	23.00	1.346	---	---	---	---
			H	21.71	23.00	1.346	---	---	---	---
		Bottom	L	21.59	23.00	1.384	---	---	---	---
			M	21.71	23.00	1.346	0.245	---	0.330	---
			H	21.71	23.00	1.346	---	---	---	---
		Left	L	21.59	23.00	1.384	---	---	---	---
			M	21.71	23.00	1.346	0.317	---	0.427	---
			H	21.71	23.00	1.346	---	---	---	---
		Right	L	21.59	23.00	1.384	---	---	---	---
			M	21.71	23.00	1.346	---	---	---	---
			H	21.71	23.00	1.346	---	---	---	---

Mode: 5G NR n2

fL (MHz)= 1860 MHz fM (MHz)= 1880MHz fH (MHz)= 1900MHz

Limit of SAR (W/kg): <1.6W/kg (1g Average)

SA N2 SAR Test Record										
Test case				Meas power(dBm)	Tune-up (dBm)	Scaling factor	Meas SAR(w/kg)		Report SAR(w/kg)	
Mode	Exposure condition	Position	Channel				First	Second	First	Second
QPSK 1RB	Head	Left cheek	L	16.98	17.50	1.127	---	---	---	---
			M	16.99	17.50	1.125	0.416	---	0.468	---
			H	16.97	17.50	1.130	---	---	---	---
		Left tilted	L	16.98	17.50	1.127	---	---	---	---
			M	16.99	17.50	1.125	0.428	---	0.481	---
			H	16.97	17.50	1.130	---	---	---	---
		Right cheek	L	16.98	17.50	1.127	---	---	---	---
			M	16.99	17.50	1.125	0.432	---	0.486	---
			H	16.97	17.50	1.130	---	---	---	---
		Right tilted	L	16.98	17.50	1.127	---	---	---	---
			M	16.99	17.50	1.125	0.429	---	0.482	---
			H	16.97	17.50	1.130	---	---	---	---
	Body-worn	Back	L	22.90	23.50	1.148	---	---	---	---
			M	22.91	23.50	1.146	0.615	---	0.704	---
			H	22.89	23.50	1.151	---	---	---	---
		Front	L	22.90	23.50	1.148	---	---	---	---
			M	22.91	23.50	1.146	0.541	---	0.620	---
			H	22.89	23.50	1.151	---	---	---	---
	Hotspot	Back	L	22.90	23.50	1.148	---	---	---	---
			M	22.91	23.50	1.146	0.615	---	0.704	---
			H	22.89	23.50	1.151	---	---	---	---
		Front	L	22.90	23.50	1.148	---	---	---	---
			M	22.91	23.50	1.146	0.541	---	0.620	---
			H	22.89	23.50	1.151	---	---	---	---
		Top	L	22.90	23.50	1.148	---	---	---	---
			M	22.91	23.50	1.146	0.589	---	0.675	---
			H	22.89	23.50	1.151	---	---	---	---
		Bottom	L	22.90	23.50	1.148	---	---	---	---
			M	22.91	23.50	1.146	---	---	---	---
			H	22.89	23.50	1.151	---	---	---	---
		Left	L	22.90	23.50	1.148	---	---	---	---
			M	22.91	23.50	1.146	0.222	---	0.254	---
			H	22.89	23.50	1.151	---	---	---	---
		Right	L	22.90	23.50	1.148	---	---	---	---
			M	22.91	23.50	1.146	0.090	---	0.103	---
			H	22.89	23.50	1.151	---	---	---	---
QPSK 50%RB	Head	Left cheek	L	17.08	17.50	1.102	---	---	---	---
			M	17.11	17.50	1.094	0.401	---	0.439	---
			H	17.08	17.50	1.102	---	---	---	---
		Left tilted	L	17.08	17.50	1.102	---	---	---	---
			M	17.11	17.50	1.094	0.384	---	0.420	---
			H	17.08	17.50	1.102	---	---	---	---
		Right cheek	L	17.08	17.50	1.102	---	---	---	---
			M	17.11	17.50	1.094	0.422	---	0.462	---
			H	17.08	17.50	1.102	---	---	---	---
		Right tilted	L	17.08	17.50	1.102	---	---	---	---
			M	17.11	17.50	1.094	0.376	---	0.411	---
			H	17.08	17.50	1.102	---	---	---	---
	Body-worn	Back	L	22.90	23.50	1.148	---	---	---	---
			M	22.92	23.50	1.143	0.650	---	0.743	---

		Front	H	22.89	23.50	1.151	---	---	---	---
			L	22.90	23.50	1.148	---	---	---	---
			M	22.92	23.50	1.143	0.512	---	0.585	---
			H	22.89	23.50	1.151	---	---	---	---
	Hotspot	Back	L	22.90	23.50	1.148	---	---	---	---
			M	22.92	23.50	1.143	0.650	---	0.743	---
			H	22.89	23.50	1.151	---	---	---	---
		Front	L	22.90	23.50	1.148	---	---	---	---
			M	22.92	23.50	1.143	0.512	---	0.585	---
			H	22.89	23.50	1.151	---	---	---	---
		Top	L	22.90	23.50	1.148	---	---	---	---
			M	22.92	23.50	1.143	0.661	---	0.755	---
			H	22.89	23.50	1.151	---	---	---	---
		Bottom	L	22.90	23.50	1.148	---	---	---	---
			M	22.92	23.50	1.143	---	---	---	---
			H	22.89	23.50	1.151	---	---	---	---
		Left	L	22.90	23.50	1.148	---	---	---	---
			M	22.92	23.50	1.143	0.218	---	0.249	---
			H	22.89	23.50	1.151	---	---	---	---
		Right	L	22.90	23.50	1.148	---	---	---	---
			M	22.92	23.50	1.143	0.082	---	0.094	---
			H	22.89	23.50	1.151	---	---	---	---

NSA										
Test case				Meas power(dBm)	Tune-up	Scaling	Meas SAR(w/kg)		Report SAR(w/kg)	
Mode	Exposure condition	Position	Channel		(dBm)	factor	First	Second	First	Second
QPSK 1RB	Head	Left cheek	L	---	---	---	---	---	---	---
			M	---	---	---	---	---	---	---
			H	---	---	---	---	---	---	---
		Left tilted	L	---	---	---	---	---	---	---
			M	---	---	---	---	---	---	---
			H	---	---	---	---	---	---	---
		Right cheek	L	---	---	---	---	---	---	---
			M	---	---	---	---	---	---	---
			H	---	---	---	---	---	---	---
		Right tilted	L	---	---	---	---	---	---	---
			M	---	---	---	---	---	---	---
			H	---	---	---	---	---	---	---
	Body-worn	Back	L	21.98	22.50	1.127	---	---	---	---
			M	21.99	22.50	1.125	0.523	---	0.588	---
			H	21.96	22.50	1.132	---	---	---	---
		Front	L	21.98	22.50	1.127	---	---	---	---
			M	21.99	22.50	1.125	0.446	---	0.502	---
			H	21.96	22.50	1.132	---	---	---	---
	Hotspot	Back	L	---	---	---	---	---	---	---
			M	22.91	22.50	0.910	0.615	---	0.560	---
			H	---	---	---	---	---	---	---
		Front	L	---	---	---	---	---	---	---
			M	22.91	22.50	0.910	0.541	---	0.492	---
			H	---	---	---	---	---	---	---
		Top	L	---	---	---	---	---	---	---
			M	22.91	22.50	0.910	0.589	---	0.536	---
			H	---	---	---	---	---	---	---
		Bottom	L	---	---	---	---	---	---	---
			M	22.91	22.50	0.910	---	---	---	---
			H	---	---	---	---	---	---	---
		Left	L	---	---	---	---	---	---	---
			M	22.91	22.50	0.910	0.222	---	0.202	---
			H	---	---	---	---	---	---	---
		Right	L	---	---	---	---	---	---	---
			M	22.91	22.50	0.910	0.090	---	0.082	---
			H	---	---	---	---	---	---	---
QPSK 50%RB	Head	Left cheek	L	---	---	---	---	---	---	---
			M	---	---	---	---	---	---	---
			H	---	---	---	---	---	---	---
		Left tilted	L	---	---	---	---	---	---	---
			M	---	---	---	---	---	---	---
			H	---	---	---	---	---	---	---
		Right cheek	L	---	---	---	---	---	---	---
			M	---	---	---	---	---	---	---
			H	---	---	---	---	---	---	---
		Right tilted	L	---	---	---	---	---	---	---
			M	---	---	---	---	---	---	---
			H	---	---	---	---	---	---	---
	Body-worn	Back	L	21.97	22.50	1.130	---	---	---	---
			M	22.00	22.50	1.122	0.500	---	0.561	---
			H	21.98	22.50	1.127	---	---	---	---
		Front	L	21.97	22.50	1.130	---	---	---	---
			M	22.00	22.50	1.122	0.427	---	0.479	---

	Hotspot	Back	H	21.98	22.50	1.127	---	---	---	---
			L	---	---	---	---	---	---	---
			M	22.92	22.50	0.908	0.658	---	0.597	---
		Front	H	---	---	---	---	---	---	---
			L	---	---	---	---	---	---	---
			M	22.92	22.50	0.908	0.512	---	0.465	---
		Top	H	---	---	---	---	---	---	---
			L	---	---	---	---	---	---	---
			M	22.92	22.50	0.908	0.666	---	0.605	---
		Bottom	H	---	---	---	---	---	---	---
			L	---	---	---	---	---	---	---
			M	22.92	22.50	0.908	---	---	---	---
		Left	H	---	---	---	---	---	---	---
			L	---	---	---	---	---	---	---
			M	22.92	22.50	0.908	0.218	---	0.198	---
		Right	H	---	---	---	---	---	---	---
			L	---	---	---	---	---	---	---
			M	22.92	22.50	0.908	0.082	---	0.075	---
QPSK 1RB	Body-worn	Back 17mm	L	22.90	23.50	1.148	---	---	---	---
			M	22.91	23.50	1.146	0.344	---	0.394	---
			H	22.89	23.50	1.151	---	---	---	---
		Front 16mm	L	22.90	23.50	1.148	---	---	---	---
			M	22.91	23.50	1.146	0.317	---	0.363	---
			H	22.89	23.50	1.151	---	---	---	---
QPSK 50%RB	Body-worn	Back 17mm	L	22.90	23.50	1.148	---	---	---	---
			M	22.92	23.50	1.143	0.329	---	0.376	---
			H	22.89	23.50	1.151	---	---	---	---
		Front 16mm	L	22.90	23.50	1.148	---	---	---	---
			M	22.92	23.50	1.143	0.303	---	0.346	---
			H	22.89	23.50	1.151	---	---	---	---

Mode: 5G NR n5

fL (MHz)= 834 MHz

fM (MHz)= 836.5MHz

fH (MHz)= 839MHz

Limit of SAR (W/kg): <1.6W/kg (1g Average)

Test case				Meas power(dBm)	Tune-up	Scaling	Meas SAR(w/kg)		Report SAR(w/kg)	
Mode	Exposure condition	Position	Channel		(dBm)	factor	First	Second	First	Second
QPSK 1RB	Head	Left cheek	L	22.46	24.00	1.426	---	---	---	---
			M	22.49	24.00	1.416	0.068	---	0.096	---
			H	22.46	24.00	1.426	---	---	---	---
		Left tilted	L	22.46	24.00	1.426	---	---	---	---
			M	22.49	24.00	1.416	0.038	---	0.054	---
			H	22.46	24.00	1.426	---	---	---	---
		Right cheek	L	22.46	24.00	1.426	---	---	---	---
			M	22.49	24.00	1.416	0.097	---	0.138	---
			H	22.46	24.00	1.426	---	---	---	---
		Right tilted	L	22.46	24.00	1.426	---	---	---	---
			M	22.49	24.00	1.416	0.038	---	0.054	---
			H	22.46	24.00	1.426	---	---	---	---
	Body-worn	Back	L	22.46	24.00	1.426	---	---	---	---
			M	22.49	24.00	1.416	0.199	---	0.282	---
			H	22.46	24.00	1.426	---	---	---	---
		Front	L	22.46	24.00	1.426	---	---	---	---
			M	22.49	24.00	1.416	0.182	---	0.258	---
			H	22.46	24.00	1.426	---	---	---	---
	Hotspot	Back	L	22.46	24.00	1.426	---	---	---	---
			M	22.49	24.00	1.416	0.199	---	0.282	---
			H	22.46	24.00	1.426	---	---	---	---
		Front	L	22.46	24.00	1.426	---	---	---	---
			M	22.49	24.00	1.416	0.182	---	0.258	---
			H	22.46	24.00	1.426	---	---	---	---
		Top	L	22.46	24.00	1.426	---	---	---	---
			M	22.49	24.00	1.416	---	---	---	---
			H	22.46	24.00	1.426	---	---	---	---
		Bottom	L	22.46	24.00	1.426	---	---	---	---
			M	22.49	24.00	1.416	0.141	---	0.200	---
			H	22.46	24.00	1.426	---	---	---	---
		Left	L	22.46	24.00	1.426	---	---	---	---
			M	22.49	24.00	1.416	0.027	---	0.039	---
			H	22.46	24.00	1.426	---	---	---	---
		Right	L	22.46	24.00	1.426	---	---	---	---
			M	22.49	24.00	1.416	0.101	---	0.143	---
			H	22.46	24.00	1.426	---	---	---	---
QPSK 50%RB	Head	Left cheek	L	22.38	24.00	1.452	---	---	---	---
			M	22.40	24.00	1.445	0.077	---	0.112	---
			H	22.37	24.00	1.455	---	---	---	---
		Left tilted	L	22.38	24.00	1.452	---	---	---	---
			M	22.40	24.00	1.445	0.045	---	0.066	---
			H	22.37	24.00	1.455	---	---	---	---
		Right cheek	L	22.38	24.00	1.452	---	---	---	---
			M	22.40	24.00	1.445	0.120	---	0.173	---
			H	22.37	24.00	1.455	---	---	---	---
		Right tilted	L	22.38	24.00	1.452	---	---	---	---
			M	22.40	24.00	1.445	0.038	---	0.055	---
			H	22.37	24.00	1.455	---	---	---	---
	Body-worn	Back	L	22.38	24.00	1.452	---	---	---	---
			M	22.40	24.00	1.445	0.231	---	0.334	---
			H	22.37	24.00	1.455	---	---	---	---