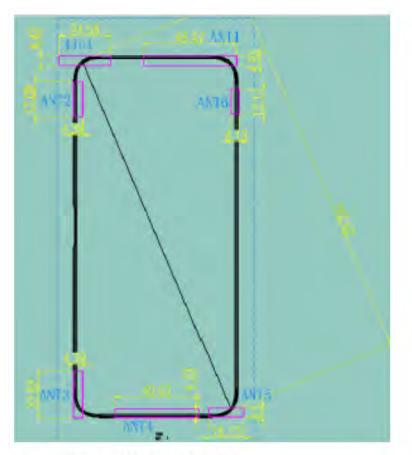


# 6.8 RF exposure conditions

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
Тор	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			
Тор	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
Тор	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
Тор	No	>25mm
Bottom	Yes	<25mm
Left	Yes	<25mm
Right	No	>25mm

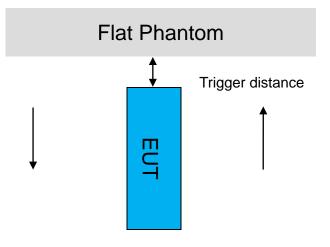
# For **BT/BLE**

Test Configurations	SAR Required	Antenna-to-edge(s) distances
Back	Yes	<25mm
Front	Yes	<25mm
Тор	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.

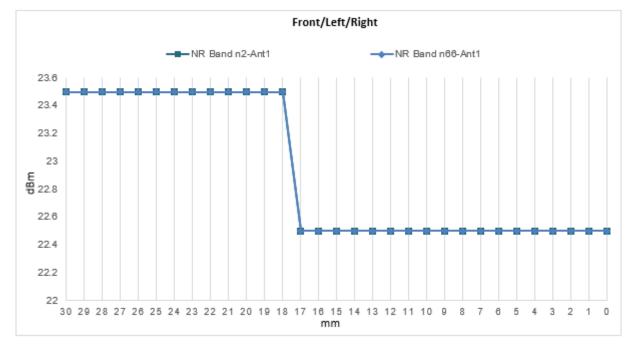


Proximity Sensor Triggering Distance(mm)						
Antenna	Ant1					
Band	NR Band n2/66					
Position	Front/Back/Left/Right/Top/Bottom					
Minimum	Front/Left/Right:17, Back/Top:18, Bottom:19					
Required SAR Test	Front/Left/Right:16, Back/Top:17, Bottom:18					

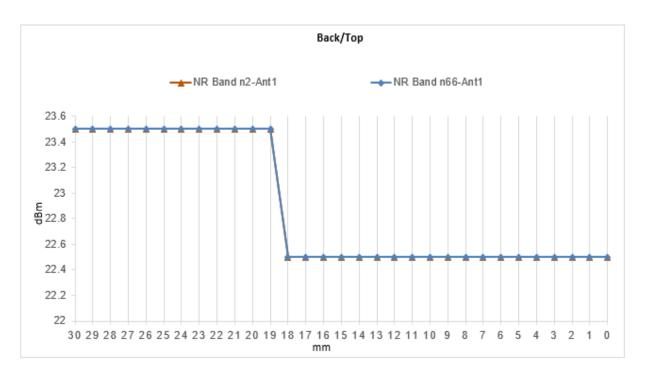
Note:

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.

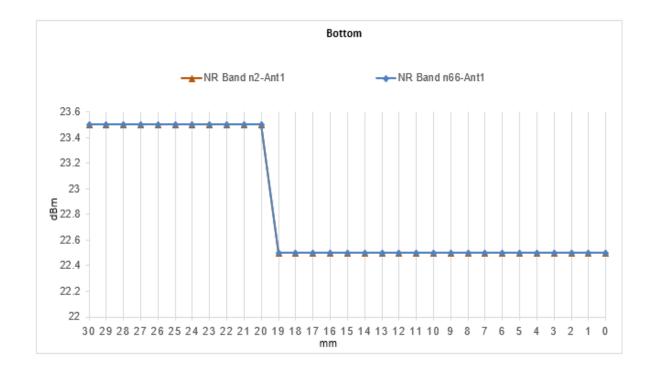




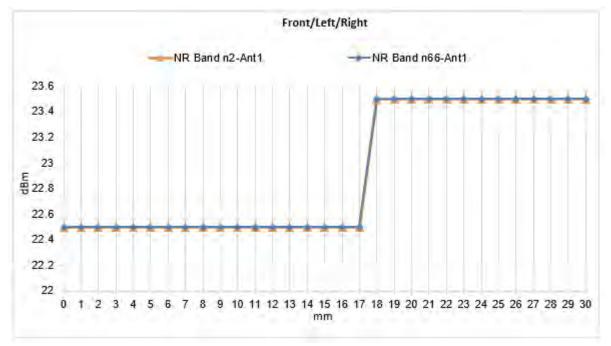
#### • DUT Moving Toward(Trigger)the Phantom



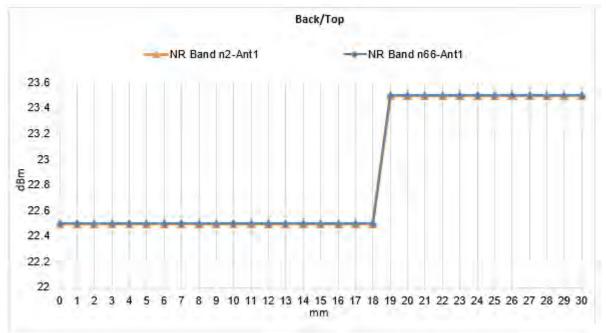


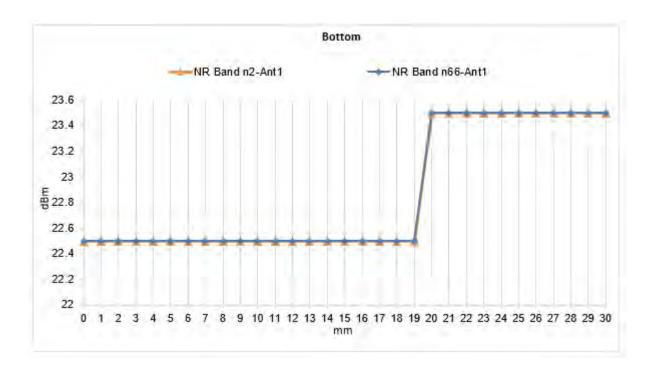


# • DUT Moving Away(Release) from the Phantom











#### Proximity sensor coverage

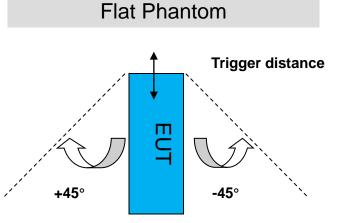
If a sensor is spatially offset from the antenna(s), it is necessary to verify sensor triggering for conditions where the antenna is next to the user but the sensor is laterally further away to ensure sensor coverage is sufficient for reducing the power to maintain compliance. For p-sensor coverage testing, 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°, and the maximum output power remains in the reduced mode.



Summary of Tablet Tilt Angle Influence to Proximity Sensor Triggering for Top Side													
		Power Reduction Status											
Band (MHz)	Minimum trigger distance Per KDB616217§6.2	distance at which power reduction was maintained over ±45°	-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.	Liquid	· ·			Tolerance		
(MHz)	parameters	measured	Target	Delta (%)	(%)	Verdict	Measured Date
750	εr	42.798	41.9	2.14	±5	Pass	2021/8/26
730	σ[S/m]	0.873	0.89	-1.91	±5	Pass	2021/0/20
750	٤r	41.539	41.9	-0.86	±5	Pass	2021/8/27
730	σ[S/m]	0.898	0.89	0.90	±5	Pass	2021/0/21
835	٤r	41.537	41.5	0.09	±5	Pass	2021/8/28
030	σ[S/m]	0.922	0.9	2.44	±5	Pass	2021/0/20
835	εr	41.890	41.5	0.94	±5	Pass	2021/8/29
000	σ[S/m]	0.914	0.9	1.56	±5	Pass	2021/0/29
1900	εr	38.880	40	-2.80	±5	Pass	2021/9/20
1800	σ[S/m]	1.420	1.4	1.43	±5	Pass	2021/8/30
1000	εr	40.082	40	0.21	±5	Pass	2024/0/24
1800	σ[S/m]	1.388	1.4	-0.86	±5	Pass	2021/8/31
1000	٤r	40.309	40	0.77	±5	Pass	2024/0/20
1800	σ[S/m]	1.353	1.4	-3.36	±5	Pass	2021/8/30
1000	٤r	40.211	40	0.53	±5	Pass	2024/0/24
1800	σ[S/m]	1.343	1.4	-4.07	±5	Pass	2021/8/31
2000	٤r	39.488	40	-1.28	±5	Pass	2024/0/20
2000	σ[S/m]	1.459	1.4	4.21	±5	Pass	2021/8/30
2000	εr	39.388	40	-1.53	±5	Pass	2021/0/21
2000	σ[S/m]	1.451	1.4	3.64	±5	Pass	2021/8/31
2450	εr	38.568	39.2	-1.61	±5	Pass	2021/0/20
2450	σ[S/m]	1.808	1.8	0.44	±5	Pass	2021/8/28
0000	٤r	38.018	39	-2.52	±5	Pass	0004/0/05
2600	σ[S/m]	2.017	1.96	2.91	±5	Pass	2021/8/25
2000	εr	38.402	39	-1.53	±5	Pass	2024/0/20
2600	σ[S/m]	2.006	1.96	2.35	±5	Pass	2021/8/26
2000	εr	38.468	39	-1.36	±5	Pass	2024/0/20
2600	σ[S/m]	1.966	1.96	0.31	±5	Pass	2021/8/26
2600	εr	37.870	39	-2.90	±5	Pass	2021/0/26
2600	σ[S/m]	1.959	1.96	-0.05	±5	Pass	2021/8/26
2500	٤r	38.019	37.9	0.31	±5	Pass	2024/0/27
3500	σ[S/m]	2.954	2.91	1.51	±5	Pass	2021/8/27
5000	٤r	36.044	36	0.12	±5	Pass	2021/0/20
5200	σ[S/m]	4.613	4.66	-1.01	±5	Pass	2021/8/29
E200	٤r	35.740	35.9	-0.45	±5	Pass	2021/0/20
5300	σ[S/m]	4.786	4.76	0.55	±5	Pass	2021/8/29

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5600	٤r	34.667	35.5	-2.35	±5	Pass	2021/8/29
3000	σ[S/m]	5.023	5.07	-0.93	±5	Pass	2021/0/29
5800	εr	34.104	35.3	-3.39	±5	Pass	2021/8/29
5600	σ[S/m]	5.241	5.27	-0.55	±5	Pass	2021/0/29

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.

(0.0100.000		easured	Target					
Freq.(MHz)	(normaliz	ed to 1W)	(Ref. Value)	Delta (%)	Tolerance (%)	Verdict	Measured Date	
750	1g	8.48	8.40	0.95	±10	Pass	2021/8/26	
100	10g	5.44	5.70	-4.56	±10	Pass	2021/0/20	
750	1g	8.00	8.40	-4.76	±10	Pass	2021/8/27	
100	10g	5.48	5.70	-3.86	±10	Pass	2021/0/21	
835	1g	10.12	9.38	7.89	±10	Pass	2021/8/28	
000	10g	6.60	6.25	5.60	±10	Pass	2021/0/20	
835	1g	9.96	9.38	6.18	±10	Pass	2021/8/29	
000	10g	6.60	6.25	5.60	±10	Pass	2021/0/23	
1800	1g	40.00	38.90	2.83	±10	Pass	2021/8/30	
1000	10g	21.36	20.30	5.22	±10	Pass	2021/0/30	
1800	1g	40.40	38.90	3.86	±10	Pass	2021/8/31	
1800	10g	21.40	20.30	5.42	±10	Pass	2021/0/31	
1800	1g	37.04	38.90	-4.78	±10	Pass	2021/8/30	
1800	10g	19.72	20.30	-2.86	±10	Pass	2021/0/30	
1800	1g	37.04	38.90	-4.78	±10	Pass	2021/0/21	
1600	10g	19.96	20.30	-1.67	±10	Pass	2021/8/31	
2000	1g	42.80	41.00	4.39	±10	Pass	2021/9/20	
2000	10g	22.12	20.50	7.90	±10	Pass	2021/8/30	
2000	1g	42.40	41.00	3.41	±10	Pass	2024/0/24	
2000	10g	21.96	20.50	7.12	±10	Pass	2021/8/31	
0450	1g	49.60	53.00	-6.42	±10	Pass	2024/0/20	
2450	10g	22.84	24.50	-6.78	±10	Pass	2021/8/28	
2600	1g	55.60	56.50	-1.59	±10	Pass	2024/0/25	
2600	10g	24.64	25.40	-2.99	±10	Pass	2021/8/25	
2000	1g	54.40	56.50	-3.72	±10	Pass	2024/0/20	
2600	10g	24.68	25.40	-2.83	±10	Pass	2021/8/26	
2600	1g	54.80	56.50	-3.01	±10	Pass	2024/0/26	
2600	10g	24.32	25.40	-4.25	±10	Pass	2021/8/26	
0000	1g	55.20	56.50	-2.30	±10	Pass	0004/0/00	
2600	10g	24.72	25.40	-2.68	±10	Pass	2021/8/26	
2500	1g	64.90	67.40	-3.71	±10	Pass	0004/0/07	
3500	10g	24.40	25.30	-3.56	±10	Pass	2021/8/27	
5000	1g	73.10	75.90	-3.69	±10	Pass	2024/0/20	
5200	10g	19.90	21.40	-7.01	±10	Pass	2021/8/29	
5200	1g	73.20	78.00	-6.15	±10	Pass	2021/0/20	
5300	10g	20.80	22.00	-5.45	±10	Pass	2021/8/29	
5000	1g	75.40	80.00	-5.75	±10	Pass	0004/0/00	
5600	10g	21.30	22.60	-5.75	±10	Pass	2021/8/29	
5000	1g	80.70	78.50	2.80	±10	Pass	0004/0/00	
5800	10g	23.00	21.90	5.02	±10	Pass	2021/8/29	



# 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., Nc > 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  $\leq 0.8W/kg$ , 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.



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



# 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 Limit of SAR (W/kg): <1.6W/kg (1g Average) fH(MHz) = 848.8MHz

	Test ca	se	-	Meas	Tune-up	Scaling	Meas S/	AR(w/kg)	Report S	SAR(w/kg)
Mode	Exposure condition	Position	Channel	power(dBm)	(dBm)	factor	First	Second	First	Second
			L	32.63	33.50	1.222				
		Left cheek	М	32.69	33.50	1.205	0.208		0.251	
			Н	32.81	33.50	1.172	First  Second  First    12      15  0.208   0.251    12       12       12       12       12       15  0.084   0.102    12       15  0.137   0.165    12       12       15  0.137   0.165    12       12       15  0.281   0.339    12       15  0.425   0.512    12			
			L	32.63	33.50	1.222				
		Left tilted	М	32.69	33.50	1.205	0.084		0.102	
	Head		Н	32.81	33.50	1.172				
	пеац		L	32.63	33.50	1.222				
		Right cheek	М	32.69	33.50	1.205	0.137		0.165	
GSM		oncon	Н	32.81	33.50	1.172				
GSIM			L	32.63	33.50	1.222				
		Right tilted	М	32.69	33.50	1.205	0.080		0.097	
		linou	н	32.81	33.50	1.172				
			L	32.63	33.50	1.222				
		Back	М	32.69	33.50	1.205	0.281		0.339	
	Destaura		Н	32.81	33.50	1.172				
	Body-worn		L	32.63	33.50	1.222				
		Front	М	32.69	33.50	1.205	0.425		0.512	
			Н	32.81	33.50	1.172				
			L	30.84	32.00	1.306				
		Back	М	30.94	32.00	1.276	0.520		0.664	
			Н	30.96	32.00	1.271				
			L	30.84	32.00	1.306	0.641		0.837	
		Front	М	30.94	32.00	1.276	0.655		0.836	
			Н	30.96	32.00	1.271	0.675		0.858	
			L	30.84	32.00	1.306				
		Тор	М	30.94	32.00	1.276				
GPRS/EDGE			Н	30.96	32.00	1.271				
GMSK 2TxSlots	Hotspot		L	30.84	32.00	1.306				
		Bottom	М	30.94	32.00	1.276	0.323		0.412	
			Н	30.96	32.00	1.271				
			L	30.84	32.00	1.306				
		Left	М	30.94	32.00	1.276	0.046		0.058	
			н	30.96	32.00	1.271				
			L	30.84	32.00	1.306				
		Right	М	30.94	32.00	1.276	0.206		0.263	
			Н	30.96	32.00	1.271				



# Mode: GSM 1900

fL (MHz)=1850.2MHz fM (MHz)=1880.0MHz Limit of SAR (W/kg): <1.6W/kg (1g Average)

# fH (MHz)=1909.8MHz

Limit of S	Test ca				Tune-up	Scaling	Meas S/	AR(w/kg)	Report S	AR(w/kg)
Mode	Exposure condition	Position	Channel	Meas power(dBm)	(dBm)	factor	First	Second	First	Second
		1.04	L	24.28	26.00	1.486				
		Left cheek	М	24.22	26.00	1.507	0.309		0.466	
		oncon	Н	24.23	26.00	1.503			nd First	
		1()	L	24.28	26.00	1.486				
		Left tilted	М	24.22	26.00	1.507	0.348		0.524	
	Head	tintoo	Н	24.23	26.00	1.503				
	пеац	Diskt	L	24.28	26.00	1.486				
		Right cheek	М	24.22	26.00	1.507	0.523		0.788	
GSM		CHOCK	Н	24.23	26.00	1.503				
GSIM	Right		L	24.28	26.00	1.486				
		tilted	М	24.22	26.00	1.507	0.499		0.752	
		lineu	Н	24.23	26.00	1.503				
			L	29.40	30.50	1.288				
		Back	М	29.32	30.50	1.312	0.511		0.671	
	Deducine		Н	29.48	30.50	1.265				
	Body-worn		L	29.40	30.50	1.288				
		Front	М	29.32	30.50	1.312	0.388		0.509	
			Н	29.48	30.50	1.265				
			L	27.45	29.00	1.429	0.597		0.853	
		Back	М	27.58	29.00	1.387	0.611		0.847	
			Н	27.37	29.00	1.455	0.547		0.796	
			L	27.45	29.00	1.429				
		Front	М	27.58	29.00	1.387	0.538		0.746	
			Н	27.37	29.00	1.455				
			L	27.45	29.00	1.429				
		Тор	М	27.58	29.00	1.387	0.547		0.759	
GPRS/EDGE		-	Н	27.37	29.00	1.455				
GMSK 2TxSlots	Hotspot		L	27.45	29.00	1.429				
21,000		Bottom	М	27.58	29.00	1.387				
			Н	27.37	29.00	1.455				
			L	27.45	29.00	1.429				
		Left	М	27.58	29.00	1.387	0.228		0.316	
			Н	27.37	29.00	1.455				
			L	27.45	29.00	1.429				
		Right	М	27.58	29.00	1.387	0.086		0.466  0.524  0.788  0.788  0.752  0.752  0.671  0.671  0.509  0.509  0.853 0.847 0.796  0.746  0.746  0.746  0.759  0.759  0.759  0.759  0.759  0.759  0.759  0.759  0.759  0.752  0.752  0.796  0.796  0.796  0.796  0.796  0.796  0.796  0.796  0.796  0.796  0.796  0.796  0.797  0.796  0.796  0.796  0.796  0.796  0.796  0.796  0.796  0.796  0.796  0.796  0.796  0.796  0.796  0.796  0.796  0.797  0.797  0.797  0.796  0.759  0.796  0.759  0.759  0.759  0.759  0.759  0.759  0.759  0.759  0.316  0.316  0.316  0.316 	
		Rigiit	Н	27.37	29.00	1.455				



#### Mode: WCDMA BAND II

fL (MHz)= 1852.4MHz fM (MHz)= 1880. Limit of SAR (W/kg): <1.6W/kg (1g Average) fM (MHz)= 1880.0MHz

#### fH (MHz)= 1907.6MHz

Linit O	f SAR (W/P Test c		w/kg (ig	Average	Tune-up	Scaling	Moas S/	AR(w/kg)	Report SAR(w/kg)	
	Exposure			Meas		ocanng	meas 37			
Mode	condition	Position	Channel	power(dBm)	(dBm)	factor	First	Second	First	Second
		1	L	17.01	18.00	1.256				
		Left cheek	М	16.96	18.00	1.271	0.210		0.267	
		oneen	Н	17.07	18.00	1.239				
		1	L	17.01	18.00	1.256				
		Left tilted	М	16.96	18.00	1.271	0.199		0.253	
	Head	intea	Н	17.07	18.00	1.239				
	пеац	Disk	L	17.01	18.00	1.256				
		Right cheek	М	16.96	18.00	1.271	0.584		0.742	
		CHECK	Н	17.07	18.00	1.239				
		Disk	L	17.01	18.00	1.256				
		Right tilted	М	16.96	18.00	1.271	0.547		0.695	
		intea	Н	17.07	18.00	1.239				
			L	23.07	24.00	1.239	0.776		0.961	
		Back	М	23.06	24.00	1.242	0.773		0.960	
	Bady warm		Н	23.15	24.00	1.216	0.732		0.890	
	Body-worn		L	23.07	24.00	1.239				
		Front	М	23.06	24.00	1.242	0.596		0.740	
RMC			Н	23.15	24.00	1.216				
RING			L	23.07	24.00	1.239	0.776		0.961	
		Back	М	23.06	24.00	1.242	0.773		0.960	
			Н	23.15	24.00	1.216	0.732		0.890	
			L	23.07	24.00	1.239				
		Front	М	23.06	24.00	1.242	0.596		0.740	
			Н	23.15	24.00	1.216				
			L	23.07	24.00	1.239				
		Тор	М	23.06	24.00	1.242	0.580		0.720	
	Hotopot		Н	23.15	24.00	1.216				
	Hotspot		L	23.07	24.00	1.239				
		Bottom	М	23.06	24.00	1.242				
			Н	23.15	24.00	1.216				
			L	23.07	24.00	1.239				
		Left	М	23.06	24.00	1.242	0.259		0.322	
			Н	23.15	24.00	1.216				
			L	23.07	24.00	1.239				
		Right	М	23.06	24.00	1.242	0.086		0.107	
		-	Н	23.15	24.00	1.216				



#### Mode: WCDMA BAND IV

fL (MHz)=1712.4MHz fM (MHz)=1732.4MHz Limit of SAR (W/kg): <1.6W/kg (1g Average)

# fH (MHz)= 1752.6MHz

	Test o		<u>, , , , , , , , , , , , , , , , , , , </u>		Tune-up	Scaling	Meas SA	AR(w/kg)	Report SAR(w/kg)		
Mode	Exposure condition	Position	Channel	Meas power(dBm)	(dBm)	factor	First	Second	First	Second	
			L	16.66	18.00	1.361					
		Left cheek	М	16.73	18.00	1.340	0.174		0.233		
	Exposure condition Head Body-worn	CHEEK	н	16.58	18.00	1.387					
			L	16.66	18.00	1.361					
		Left tilted	М	16.73	18.00	1.340	0.131		0.175		
	Hoad	lineu	н	16.58	18.00	1.387					
	неао		L	16.66	18.00	1.361					
		Right cheek	М	16.73	18.00	1.340	0.345		0.462		
		CHEEK	Н	16.58	18.00	1.387					
			L	16.66	18.00	1.361					
		Right tilted	М	16.73	18.00	1.340	0.278		0.372		
		lineu	Н	16.58	18.00	1.387					
			L	23.03	24.00	1.250	0.630		0.788		
		Back	М	23.08	24.00	1.236	0.655		0.810		
	Deducuran		н	22.96	24.00	1.271	0.688		0.874		
	Body-worn		L	23.03	24.00	1.250					
		Front	М	23.08	24.00	1.236	0.375		0.463		
RMC			н	22.96	24.00	1.271					
RMC			L	23.03	24.00	1.250	0.630		0.788		
		Back	М	23.08	24.00	1.236	0.655		0.810		
			н	22.96	24.00	1.271	0.688		0.874		
			L	23.03	24.00	1.250					
		Front	М	23.08	24.00	1.236	0.375		0.463		
			н	22.96	24.00	1.271					
			L	23.03	24.00	1.250					
		Тор	М	23.08	24.00	1.236	0.347		0.429		
	Hotopot		н	22.96	24.00	1.271					
	notspot		L	23.03	24.00	1.250					
		Bottom	М	23.08	24.00	1.236					
			н	22.96	24.00	1.271					
			L	23.03	24.00	1.250			-		
		Left	М	23.08	24.00	1.236	0.236		0.292		
			н	22.96	24.00	1.271					
			L	23.03	24.00	1.250			-		
		Right	М	23.08	24.00	1.236	0.039		0.048		
			н	22.96	24.00	1.271					



#### Mode: WCDMA BAND V

fL (MHz)=826.4MHz fM (MHz)=836.4MHz

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

fH (MHz)= 846.6MHz

	Test o		<u> </u>	Average)	Tune-up	Scaling	Meas S	AR(w/kg)	Report SAR(w/kg)	
Mode	Exposure condition	Position	Channel	Meas power(dBm)	(dBm)	factor	First	Second	First	Second
			L	23.04	24.00	1.247				
		Left cheek	М	23.05	24.00	1.245	0.097		0.121	
		CHEEK	Н	22.99	24.00	1.262				
			L	23.04	24.00	1.247				
		Left tilted	М	23.05	24.00	1.245	0.075		0.094	
	Head	litteu	Н	22.99	24.00	1.262				
	неао	<b>D</b> : 14	L	23.04	24.00	1.247				
		Right cheek	М	23.05	24.00	1.245	0.171		0.213	
		CHEEK	Н	22.99	24.00	1.262				
		<b>D</b> : 14	L	23.04	24.00	1.247				
		Right tilted	М	23.05	24.00	1.245	0.083		0.103	
		litted	Н	22.99	24.00	1.262				
			L	23.04	24.00	1.247				
		Back	М	23.05	24.00	1.245	0.238		0.296	
	Body-worn		Н	22.99	24.00	1.262				
	Bouy-worn		L	23.04	24.00	1.247	-			
		Front	М	23.05	24.00	1.245	0.352		0.438	
RMC			Н	22.99	24.00	1.262				
RIVIC			L	23.04	24.00	1.247	-			
		Back	М	23.05	24.00	1.245	0.238		0.296	
			Н	22.99	24.00	1.262	-			
			L	23.04	24.00	1.247	-			
		Front	М	23.05	24.00	1.245	0.352		0.438	
			Н	22.99	24.00	1.262	-			
			L	23.04	24.00	1.247				
		Тор	М	23.05	24.00	1.245				
	Hotspot		Н	22.99	24.00	1.262				
	потэрог		L	23.04	24.00	1.247				
		Bottom	М	23.05	24.00	1.245	0.206		0.256	
			Н	22.99	24.00	1.262				
			L	23.04	24.00	1.247				
		Left	М	23.05	24.00	1.245	0.028		0.034	
			Н	22.99	24.00	1.262				
			L	23.04	24.00	1.247	-			
		Right	М	23.05	24.00	1.245	0.165		0.205	
			н	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)

Mode	Test case		Maaa	Tune-up	Scaling	meas of	(IIIIII)	Report o		
	Exposure condition	Position	Channel	Meas power(dBm)	(dBm)	factor	First	Second	First	Second
		Left	L	22.72	24.00	1.343				
		cheek	М	22.73	24.00	1.340	0.138		0.185	
			Н	22.71	24.00	1.346			 0.185	
		Left	L	22.72	24.00	1.343				
		tilted	M	22.73	24.00	1.340	0.055			
	Head		H	22.71	24.00	1.346				
		Right	L	22.72	24.00	1.343				
		cheek	M	22.73	24.00	1.340	0.076			
			Н	22.71	24.00	1.346				
		Right	L	22.72	24.00	1.343				
		tilted	M	22.73	24.00	1.340	0.061			
			н	22.71	24.00	1.346				
		<u> </u>	L	22.72	24.00	1.343				
		Back	M	22.73	24.00	1.340	0.342			
	Body-worn		н	22.71	24.00	1.346				
		Frent	L	22.72	24.00	1.343				
		Front	M	22.73	24.00	1.340	0.273			
QPSK 1RB			н	22.71 22.72	24.00	1.346				
IND		Deals	L		24.00	1.343				
		Back	M	22.73	24.00	1.340	0.342			
			н	22.71	24.00	1.346				
		Frent	L	22.72	24.00	1.343				
		Front	M	22.73	24.00	1.340	0.273			
			н	22.71	24.00	1.346				
		Tan	L	22.72	24.00	1.343				
		Тор	M H	22.73	24.00	1.340				
	Hotspot		L	22.71 22.72	24.00 24.00	1.346 1.343				
		Bottom	M	22.72	24.00	1.343	 0.157			
		BOLLOIN	H	22.73	24.00	1.340				
			L	22.71	24.00	1.340				
		Left	M	22.72	24.00	1.343	0.270			
		Leit	H	22.73	24.00	1.340	0.270 			
			L	22.71	24.00	1.346				
		Right	M	22.72	24.00	1.343				
		right	H	22.73	24.00	1.340				
			L	21.83	24.00	1.309				
		Left	M	21.84	23.00	1.305	0.090			
		cheek	H	21.65	23.00	1.365				
			L	21.83	23.00	1.309				
		Left	M	21.84	23.00	1.306	0.048			
	_	tilted	H	21.65	23.00	1.365				
	Head		L	21.83	23.00	1.309				
QPSK		Right	M	21.84	23.00	1.306	0.061			
50%RB		cheek	Н	21.65	23.00	1.365				
			L	21.83	23.00	1.309				
		Right	M	21.84	23.00	1.306	0.051			
		tilted	н	21.65	23.00	1.365				
-			L	21.83	23.00	1.309				
	Body-worn	Body-worn Back	м	21.84	23.00	1.306	0.284			
			Н	21.65	23.00	1.365				



		L	21.83	23.00	1.309		 	
	Front	М	21.84	23.00	1.306	0.216	 0.282	
		Н	21.65	23.00	1.365		 	
		L	21.83	23.00	1.309		 	
	Back	М	21.84	23.00	1.306	0.284	 0.371	
		Н	21.65	23.00	1.365		 	
		L	21.83	23.00	1.309		 	
	Front	М	21.84	23.00	1.306	0.216	 0.282	
		Н	21.65	23.00	1.365		 	
	Тор	L	21.83	23.00	1.309		 	
		М	21.84	23.00	1.306		 	
Hotopot		Н	21.65	23.00	1.365		 	
Hotspot		L	21.83	23.00	1.309		 	
	Bottom	М	21.84	23.00	1.306	0.124	 0.162	
		Н	21.65	23.00	1.365		 	
		L	21.83	23.00	1.309		 	
	Left	М	21.84	23.00	1.306	0.221	 0.289	
		Н	21.65	23.00	1.365		 	
		L	21.83	23.00	1.309		 	
	Right	М	21.84	23.00	1.306		 	
		Н	21.65	23.00	1.365		 	



#### Mode: LTE Band 4

fL (MHz)= 1720MHz fM (MHz)= 1732.5MHz Limit of SAR (W/kg): <1.6W/kg (1g Average)

# fH (MHz)= 1745MHz

	Test c			Average)	Tune-up	Scaling	Meas S/	AR(w/kg)	Report SAR(w/kg)		
Mode	Exposure condition	Position	Channel	Meas power(dBm)	(dBm)	factor	First	Second	First	Second	
		1	L	22.40	24.00	1.445					
1		Left cheek	М	22.41	24.00	1.442	0.160		0.231		
1		onoon	Н	22.40	24.00	1.445					
1		Left	L	22.40	24.00	1.445	Sor  First  Second    45      42  0.160     45 <				
		tilted	М	22.41	24.00	1.442	0.095		0.136		
	Head		Н	22.40	24.00	1.445					
	neuu	Right	L	22.40	24.00	1.445					
		cheek	М	22.41	24.00	1.442	0.071		0.103		
			Н	22.40	24.00	1.445					
		Right	L	22.40	24.00	1.445					
		tilted	M	22.41	24.00	1.442	0.070		0.100		
			Н	22.40	24.00	1.445					
			L	22.40	24.00	1.445					
		Back	M	22.41	24.00	1.442			0.649		
	Body-worn		Н	22.40	24.00	1.445					
			L	22.40	24.00	1.445					
		Front	M	22.41	24.00	1.442			0.526		
QPSK			н	22.40	24.00	1.445					
1RB			L	22.40	24.00	1.445					
		Back	M	22.41	24.00	1.442			0.649		
			н	22.40	24.00	1.445					
		Farmer	L	22.40	24.00	1.445		-			
		Front	M	22.41	24.00	1.442		-	0.526		
			н	22.40	24.00	1.445					
		Tan	L	22.40	24.00	1.445					
		Тор	M H	22.41 22.40	24.00	1.442 1.445		-			
	Hotspot		L	22.40	24.00 24.00	1.445					
		Bottom	M	22.40	24.00	1.445			0.459		
		Bollom	H	22.41	24.00	1.442			0.459		
			L	22.40	24.00	1.445					
		Left	M	22.40	24.00	1.442			0.577		
		Lon	H	22.40	24.00	1.445					
			L	22.40	24.00	1.445					
		Right	M	22.40	24.00	1.442					
			H	22.40	24.00	1.445					
			L	21.36	23.00	1.459					
		Left	M	21.53	23.00	1.403			0.104		
		cheek	Н	21.52	23.00	1.406					
			L	21.36	23.00	1.459					
		Left	M	21.53	23.00	1.403			0.104		
		tilted	Н	21.52	23.00	1.406					
	Head		L	21.36	23.00	1.459					
		Right	М	21.53	23.00	1.403	0.067		0.094		
50%RB		cheek	Н	21.52	23.00	1.406					
			L	21.36	23.00	1.459					
		Right tilted	М	21.53	23.00	1.403	0.069		0.096		
		unted	Н	21.52	23.00	1.406					
			L	21.36	23.00	1.459					
	Body-worn	ody-worn Back	М	21.53	23.00	1.403	0.376		0.527		
			Н	21.52	23.00	1.406					

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		L	21.36	23.00	1.459		 	
	Front	М	21.53	23.00	1.403	0.306	 0.429	
		Н	21.52	23.00	1.406		 	
		L	21.36	23.00	1.459		 	
	Back	М	21.53	23.00	1.403	0.376	 0.527	
		Н	21.52	23.00	1.406		 	
		L	21.36	23.00	1.459		 	
	Front	М	21.53	23.00	1.403	0.306	 0.429	
		Н	21.52	23.00	1.406		 	
		L	21.36	23.00	1.459		 	
	Тор	М	21.53	23.00	1.403		 	
Unternet		Н	21.52	23.00	1.406		 	
Hotspot		L	21.36	23.00	1.459		 	
	Bottom	М	21.53	23.00	1.403	0.272	 0.382	
		Н	21.52	23.00	1.406		 	
		L	21.36	23.00	1.459		 	
	Left	М	21.53	23.00	1.403	0.333	 0.467	
		Н	21.52	23.00	1.406		 	
	Right	L	21.36	23.00	1.459		 	
		М	21.53	23.00	1.403		 	
		Н	21.52	23.00	1.406		 	



## Mode: LTE Band 5 fL (MHz)=829 MHz

29 MHz fM (MHz)=836.5MHz

# fH (MHz)= 844MHz

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

	Test c		- 511	J Average)	Tune-up	Scaling	Meas SA	AR(w/kg)	Report S	AR(w/kg)
Mode	Exposure condition	Position	Channel	Meas power(dBm)	(dBm)	factor	First	Second	First	Second
		Left	L	22.72	24.00	1.343				
		cheek	М	22.80	24.00	1.318	0.086		0.114	
			Н	22.65	24.00	1.365				
		Left	L	22.72	24.00	1.343				
		tilted	М	22.80	24.00	1.318	0.055		0.073	
	Head		Н	22.65	24.00	1.365				
	nouu	Right	L	22.72	24.00	1.343				
		cheek	М	22.80	24.00	1.318	0.155		0.204	
			Н	22.65	24.00	1.365				
		Right	L	22.72	24.00	1.343				
		tilted	М	22.80	24.00	1.318	0.098		0.129	
			Н	22.65	24.00	1.365				
			L	22.72	24.00	1.343				
		Back	М	22.80	24.00	1.318	0.299		0.394	
	Body-worn		Н	22.65	24.00	1.365				
			L	22.72	24.00	1.343				
		Front	М	22.80	24.00	1.318	0.366		0.482	
QPSK			Н	22.65	24.00	1.365				
1RB			L	22.72	24.00	1.343				
		Back	М	22.80	24.00	1.318	0.299		0.394	
			Н	22.65	24.00	1.365				
			L	22.72	24.00	1.343				
		Front	М	22.80	24.00	1.318	0.366		0.482	
			Н	22.65	24.00	1.365				
		Тор	L	22.72	24.00	1.343				
			M	22.80	24.00	1.318				
	Hotspot		Н	22.65	24.00	1.365				
			L	22.72	24.00	1.343				
		Bottom	М	22.80	24.00	1.318	0.171		0.225	
			Н	22.65	24.00	1.365				
			L	22.72	24.00	1.343				
		Left	M	22.80	24.00	1.318	0.029		0.038	
			Н	22.65	24.00	1.365				
			L	22.72	24.00	1.343				
		Right	M	22.80	24.00	1.318	0.117		0.154	
			н	22.65	24.00	1.365				
		Left	L	21.79	23.00	1.321				
		cheek	M	21.82	23.00	1.312	0.090		0.117	
			н	21.78	23.00	1.324				
		Left	L	21.79	23.00	1.321				
		tilted	M	21.82	23.00	1.312	0.054		0.071	
			н	21.78	23.00	1.324				
QPSK		Right	L	21.79	23.00	1.321				
50%RB		cheek	M	21.82	23.00	1.312	0.129		0.169	
			н	21.78	23.00	1.324				
		Right	L	21.79	23.00	1.321				
		tilted	M	21.82	23.00	1.312	0.082		0.108	
			н	21.78	23.00	1.324				
	<b>_</b> .	<b>_</b> .	L	21.79	23.00	1.321				
	Body-worn	Back	M	21.82	23.00	1.312	0.200		0.262	
			Н	21.78	23.00	1.324				



		L	21.79	23.00	1.321		 	
	Front	М	21.82	23.00	1.312	0.296	 0.388	
		н	21.78	23.00	1.324		 	
		L	21.79	23.00	1.321		 	
	Back	М	21.82	23.00	1.312	0.200	 0.262	
		Н	21.78	23.00	1.324		 	
		L	21.79	23.00	1.321		 	
	Front	М	21.82	23.00	1.312	0.296	 0.388	
		Н	21.78	23.00	1.324		 	
		L	21.79	23.00	1.321		 	
	Тор	М	21.82	23.00	1.312		 	
Hotopot		н	21.78	23.00	1.324		 	
Hotspot		L	21.79	23.00	1.321		 	
	Bottom	М	21.82	23.00	1.312	0.142	 0.186	
		Н	21.78	23.00	1.324		 	
		L	21.79	23.00	1.321		 	
	Left	М	21.82	23.00	1.312	0.025	 0.033	
		Н	21.78	23.00	1.324		 	
	Right	L	21.79	23.00	1.321		 	
		М	21.82	23.00	1.312	0.098	 0.128	
		Н	21.78	23.00	1.324		 	



#### Mode: LTE Band 7 fL (MHz)=2510 MHz fM (MHz)=2535MHz Limit of SAR (W/kg): <1.6W/kg (1g Average)

#### fH (MHz)= 2560MHz

	T SAR (VV/P				Tune-up	Scaling	Meas S/	AR(w/kg)	Report S	AR(w/kg)
Mode	Exposure condition	Position	Channel	Meas power(dBm)	(dBm)	factor	First	Second	First	Second
		1	L	23.17	24.00	1.211				
		Left cheek	М	23.17	24.00	1.211				
			н	23.18	24.00	1.208	0.004		0.005	
		1	L	23.17	24.00	1.211				
		Left tilted	М	23.17	24.00	1.211				
			н	23.18	24.00	1.208	0.008		0.009	
	Head		L	23.17	24.00	1.211				
		Right	М	23.17	24.00	1.211				
		cheek	Н	23.18	24.00	1.208	0.019		0.023	
			CA	23.16	24.00	1.213	0.016		0.019	
		Right	L	23.17	24.00	1.211				
		tilted	М	23.17	24.00	1.211				
			Н	23.18	24.00	1.208	0.002		0.002	
			L	23.17	24.00	1.211	0.637		0.771	
		Back	М	23.17	24.00	1.211	0.614		0.743	
	Body-worn		н	23.18	24.00	1.208	0.712		0.860	
	Body-world		L	23.17	24.00	1.211	0.816		0.988	
		Front	М	23.17	24.00	1.211	0.837		1.013	
QPSK			Н	23.18	24.00	1.208	0.803		0.970	
1RB			L	21.00	22.00	1.259				
		Back	М	20.93	22.00	1.279				
			Н	21.11	22.00	1.227	0.352		0.432	
		Front	L	21.00	22.00	1.259				
			М	20.93	22.00	1.279				
			Н	21.11	22.00	1.227	0.401		0.492	
		Тор	L	21.00	22.00	1.259				
			М	20.93	22.00	1.279				
			н	21.11	22.00	1.227				
	Hotspot		L	21.00	22.00	1.259	0.946		1.191	
		Bottom	М	20.93	22.00	1.279	0.954	0.937	1.221	1.199
		Dottom	CA	20.86	22.00	1.300	0.928		1.207	
			Н	21.11	22.00	1.227	0.952		1.169	
			L	21.00	22.00	1.259				
		Left	М	20.93	22.00	1.279				
			Н	21.11	22.00	1.227	0.002		0.003	
			L	21.00	22.00	1.259				
		Right	М	20.93	22.00	1.279				
	ļ		Н	21.11	22.00	1.227	0.018		0.022	
		Left	L	22.07	23.00	1.239				
		cheek	М	22.13	23.00	1.222				
			Н	22.18	23.00	1.208	0.001		0.001	
		1 044	L	22.07	23.00	1.239				
		Left tilted	М	22.13	23.00	1.222				
	Head		н	22.18	23.00	1.208	0.003		0.003	
QPSK	Teau	Diaht	L	22.07	23.00	1.239				
50%RB	GPSK 50%RB	Right cheek	М	22.13	23.00	1.222				
			Н	22.18	23.00	1.208	0.007		0.008	
		Dicht	L	22.07	23.00	1.239				
		Right tilted	М	22.13	23.00	1.222				
			Н	22.18	23.00	1.208	0.001		0.001	
	Body-worn	Back	L	22.07	23.00	1.239				
	Bouy-worn	Back	М	22.13	23.00	1.222				

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国家尤我电监									
			н	22.18	23.00	1.208	0.593	 0.716	
			L	22.07	23.00	1.239	0.735	 0.911	
		Front	М	22.13	23.00	1.222	0.673	 0.822	
			Н	22.18	23.00	1.208	0.745	 0.900	
			L	20.17	21.00	1.211		 	
		Back	М	20.15	21.00	1.216		 	
			H	20.18	21.00	1.208	0.278	 0.336	
			L	20.17	21.00	1.200		 	
		Front	M	20.17	21.00	1.211		 	
		TION	H	20.13	21.00	1.208	0.296	 0.358	
			 L	20.10	21.00	1.200			
		Ton						 	
		Тор	M H	20.15	21.00	1.216		 	
	Hotspot			20.18	21.00	1.208		 	
	_		L	20.17	21.00	1.211	0.890	 1.077	
		Bottom	M	20.15	21.00	1.216	0.878	 1.068	
			Н	20.18	21.00	1.208	0.812	 0.981	
			L	20.17	21.00	1.211		 	
		Left	М	20.15	21.00	1.216		 	
			Н	20.18	21.00	1.208	0.002	 0.002	
			L	20.17	21.00	1.211		 	
		Right	М	20.15	21.00	1.216		 	
			Н	20.18	21.00	1.208	0.017	 0.020	
			L	22.52	23.00	1.117	0.571	 0.638	
		Back	М	22.18	23.00	1.208		 	
	Deducuran		н	21.92	23.00	1.282		 	
	Body-worn		L	22.52	23.00	1.117	0.754	 0.842	
		Front	М	22.18	23.00	1.208		 	
			Н	21.92	23.00	1.282		 	
			L	20.33	21.00	1.167		 	
		Back	М	20.12	21.00	1.225		 	
			H	19.84	21.00	1.306		 	
			L	20.33	21.00	1.167		 	
		Front	 M	20.12	21.00	1.225		 	
QPSK		Tront	H	19.84	21.00	1.306		 	
100%RB			L	20.33	21.00	1.167		 	
		Тор	M	20.33	21.00	1.225		 	
		тор	H						
	Hotspot			19.84	21.00	1.306		 	
		Dettem	L	20.33	21.00	1.167	0.823	 0.960	
		Bottom	M	20.12	21.00	1.225		 	
			н	19.84	21.00	1.306		 	
		1 - 11	L	20.33	21.00	1.167		 	
		Left	M	20.12	21.00	1.225		 	
			н	19.84	21.00	1.306		 	
			L	20.33	21.00	1.167		 	
		Right	M	20.12	21.00	1.225		 	
	ļ		Н	19.84	21.00	1.306		 	
			L	23.17	24.00	1.211		 	
		Back	М	23.17	24.00	1.211		 	
			Н	23.18	24.00	1.208		 	
			L	23.17	24.00	1.211		 	
		Front	М	23.17	24.00	1.211		 	-
QPSK	0		Н	23.18	24.00	1.208		 	
1RB	0mm		L	23.17	24.00	1.211		 	
		Тор	М	23.17	24.00	1.211		 	
			Н	23.18	24.00	1.208		 	
			L	23.17	24.00	1.211		 	
		Bottom	M	23.17	24.00	1.211		 	
			H	23.18	24.00	1.208	1.150	 1.389	
		1		20.10	24.00	1.200	1.100	 1.003	

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			CA	23.16	24.00	1.213	1.120	 1.359	
			L	23.17	24.00	1.211		 	
		Left	М	23.17	24.00	1.211		 	
			Н	23.18	24.00	1.208		 	
			L	23.17	24.00	1.211		 	
		Right	М	23.17	24.00	1.211		 	
			н	23.18	24.00	1.208		 	
			L	22.07	23.00	1.239		 	
		Back	М	22.13	23.00	1.222		 	
			Н	22.18	23.00	1.208		 	
			L	22.07	23.00	1.239		 	
		Front	М	22.13	23.00	1.222		 	
			н	22.18	23.00	1.208		 	
		Тор	L	22.07	23.00	1.239		 	
			М	22.13	23.00	1.222		 	
QPSK	0mm		н	22.18	23.00	1.208		 	
50%RB	VIIIII		L	22.07	23.00	1.239		 	
		Bottom	М	22.13	23.00	1.222		 	
		Left	н	22.18	23.00	1.208	0.996	 1.203	
			L	22.07	23.00	1.239		 	
			М	22.13	23.00	1.222		 	
			н	22.18	23.00	1.208		 	
			L	22.07	23.00	1.239		 	
		Right	М	22.13	23.00	1.222		 	
			н	22.18	23.00	1.208		 	

# EN\_DC

	Test case Mode Exposure Position Channel				Tune-up	Scaling	Meas SA	AR(w/kg)	Report S	AR(w/kg)
Mode	Exposure condition	Position	Channel	Meas power(dBm)	(dBm)	factor	First	Second	First	Second
		Left	L							
		cheek	М							
		cneek	Н							
		Left	L							
		tilted	М							
	Head	tinteu	Н							
	пеац	Diaht	L							
		Right cheek	м							
		CHEEK	Н							
		Right	L							
		tilted	м							
		tinteu	Н							
			L	23.17	22.00	0.764	0.637		0.487	
		Back	м	23.17	22.00	0.764	0.614		0.469	
	Body worn		Н	23.18	22.00	0.762	0.712		0.543	
	Body-worn –	Front	L	23.17	22.00	0.764	0.816		0.623	
QPSK			М	23.17	22.00	0.764	0.837		0.639	
1RB			Н	23.18	22.00	0.762	0.803		0.612	
			L	21.00	19.00	0.631				
		Back	М	20.93	19.00	0.641				
			н	21.11	19.00	0.615	0.352		0.217	
			L	21.00	19.00	0.631				
		Front	м	20.93	19.00	0.641				
			н	21.11	19.00	0.615	0.401		0.247	
			L	21.00	19.00	0.631				
	Hotspot	Тор	м	20.93	19.00	0.641				
	потэрог		н	21.11	19.00	0.615				
			L	21.00	19.00	0.631	0.946		0.597	
		Bottom	м	20.93	19.00	0.641	0.954		0.612	
			Н	21.11	19.00	0.615	0.952		0.586	
			L	21.00	19.00	0.631				
		Left	м	20.93	19.00	0.641				
			Н	21.11	19.00	0.615	0.002		0.001	
		Right	L	21.00	19.00	0.631				

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B370-0-01	现中心检测中心						1	1	i	
		-	M	20.93	19.00	0.641				
			<u> </u>	21.11	19.00	0.615	0.018		0.011	
		Left	<u> </u>							
		cheek	<u>M</u>							
			н							
		Left	L							
		tilted	M							
	Head	-	<u> </u>							
		Right	<u> </u>							
		cheek	M							
			<u> </u>							
		Right	<u> </u>							
		tilted	<u>M</u>							
			<u>H</u>							
		Beek		22.07	22.00	0.984				
		Back	<u>M</u>	22.10	22.00	0.977				
	Body-worn		H L	22.18	22.00 22.00	0.959 0.984	0.593		0.569	
	-	Front		22.07			0.735		0.723	
QPSK		Front	M H	22.10 22.18	22.00 22.00	0.977 0.959	0.673 0.745		0.658 0.715	
SO%RB				22.18	19.00	0.959	0.745		0.715	
JU /01 D		Back	L 	20.17	19.00	0.764				
		Dack	 H	20.15	19.00	0.767	0.278		0.212	
		├		20.18	19.00	0.762	0.276		0.212	
		Front	L 	20.17	19.00	0.767				
		TION	H	20.13	19.00	0.762	0.296		0.226	
			 L	20.17	19.00	0.762	0.230		0.220 	
		Тор	M	20.15	19.00	0.767				
		100	H	20.18	19.00	0.762				
	Hotspot		L	20.10	19.00	0.764	0.890		0.680	
		Bottom	M	20.15	19.00	0.767	0.878		0.674	
	E	Bottom	H	20.18	19.00	0.762	0.812		0.619	
			L	20.17	19.00	0.764				
		Left	М	20.15	19.00	0.767				
			H	20.18	19.00	0.762	0.002		0.002	
			L	20.17	19.00	0.764				
		Right	М	20.15	19.00	0.767				
			Н	20.18	19.00	0.762	0.017		0.013	
			L	22.52	22.00	0.887	0.571		0.507	
		Back	М							
	Body worn		Н							
	Body-worn		L	22.52	22.00	0.887	0.754		0.669	
		Front	М							
			Н							
			L	20.33	19.00	0.736				-
		Back	М							-
		[[	Н							-
			L	20.33	19.00	0.736				
		Front	М							
QPSK			H							
100%RB		_	L	20.33	19.00	0.736				
		Тор	M							
	Hotspot		н							
	instable		L	20.33	19.00	0.736	0.823		0.606	
		Bottom	M							
			н							
			L	20.33	19.00	0.736				
		Left	M							
			H							
			L	20.33	19.00	0.736				
		Right	М							
			н							



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



		L	21.59	23.00	1.384		 	
	Front	М	21.68	23.00	1.355	0.098	 0.133	
		н	21.68	23.00	1.355		 	
		L	21.59	23.00	1.384		 	
	Back	М	21.68	23.00	1.355	0.102	 0.138	
		н	21.68	23.00	1.355		 	
		L	21.59	23.00	1.384		 	
	Front	М	21.68	23.00	1.355	0.098	 0.133	
		н	21.68	23.00	1.355		 	
		L	21.59	23.00	1.384		 	
	Тор	М	21.68	23.00	1.355		 	
Hotspot		н	21.68	23.00	1.355		 	
потерот		L	21.59	23.00	1.384		 	
	Bottom	М	21.68	23.00	1.355	0.083	 0.112	
		н	21.68	23.00	1.355		 	
		L	21.59	23.00	1.384		 	
	Left	М	21.68	23.00	1.355	0.040	 0.054	
		Н	21.68	23.00	1.355		 	
		L	21.59	23.00	1.384		 	
	Right	М	21.68	23.00	1.355	0.072	 0.097	
		Н	21.68	23.00	1.355		 	



# Mode: LTE Band 13 FI (MHz)=782 MHz Limit of SAR (W/kg): <1.6W/kg (1g Average)

Fm (MHz)=782MHz

# Fh (MHz)= 782MHz

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



	1 1		i	1	i	i	1	1	
		L							
	Front	М	21.90	23.00	1.288	0.097		0.125	
		Н							
		L							
	Back	М	21.90	23.00	1.288	0.104		0.134	
		н							
		L							
	Front	М	21.90	23.00	1.288	0.097		0.125	
		н							
		L							
	Тор	М	21.90	23.00	1.288				
Hotopot	Bottom	н							
Hotspot		L							
		М	21.90	23.00	1.288	0.085		0.109	
		н							
		L							
	Left	М	21.90	23.00	1.288	0.017		0.022	
	Len	Н							
		L							
	Right	М	21.90	23.00	1.288	0.077		0.099	
		Н							



•	z)=709 MHz		. ,	710 MHz	fH (N	lHz)= 71 <i>°</i>	1 MHz			
Limit o	f SAR (W/		W/kg (1g	Average)	-					
Mada	Test c Exposure	ase Position	Channal	Meas power(dBm)	Tune-up	Scaling		AR(w/kg)		AR(w/kg)
Mode	condition		Channel		(dBm)	factor	First	Second	First	Second
		Left	L	22.6	24.00	1.380				
		cheek	M	22.62	24.00	1.374	0.148		0.203	
			H	22.55 22.6	24.00 24.00	1.396 1.380				
		Left	M	22.62	24.00	1.374	0.077		0.106	
		tilted	H	22.55	24.00	1.396				
	Head		L	22.6	24.00	1.380				
		Right	M	22.62	24.00	1.374	0.055		0.076	
		cheek	Н	22.55	24.00	1.396				
			L	22.6	24.00	1.380				
		Right	М	22.62	24.00	1.374	0.033		0.046	
		tilted	Н	22.55	24.00	1.396				
			L	22.6	24.00	1.380				
		Back	М	22.62	24.00	1.374	0.124		0.170	
	Body-worn		Н	22.55	24.00	1.396				
	Bouy-worn		L	22.6	24.00	1.380				
		Front	М	22.62	24.00	1.374	0.106		0.146	
QPSK			Н	22.55	24.00	1.396				
1RB			L	22.6	24.00	1.380				
		Back	M	22.62	24.00	1.374	0.124		0.170	
			H	22.55	24.00	1.396				
			L	22.6	24.00	1.380				
		Front	M	22.62	24.00	1.374	0.106		0.146	
			Н	22.55	24.00	1.396				
		Тор	L	22.6 22.62	24.00	1.380				
			M H	22.62	24.00 24.00	1.374 1.396				
	Hotspot		L	22.6	24.00	1.390				
		Bottom	M	22.62	24.00	1.374	0.110		0.151	
		Dottom	H	22.55	24.00	1.396				
			L	22.6	24.00	1.380				
		Left	 M	22.62	24.00	1.374	0.057		0.078	
			н	22.55	24.00	1.396				
			L	22.6	24.00	1.380				
		Right	м	22.62	24.00	1.374	0.108		0.148	
			Н	22.55	24.00	1.396				
		1 aft	L	21.66	23.00	1.361				
		Left cheek	М	21.73	23.00	1.340	0.126		0.169	
			Н	21.72	23.00	1.343				
		Left	L	21.66	23.00	1.361				
	Head -	tilted	М	21.73	23.00	1.340	0.058		0.078	
			Н	21.72	23.00	1.343				
		Right	L	21.66	23.00	1.361				
		cheek	M	21.73	23.00	1.340	0.043		0.057	
50%RB			н	21.72	23.00	1.343				
		Right	L	21.66	23.00	1.361				
		tilted	M H	21.73 21.72	23.00	1.340	0.027		0.036	
					23.00	1.343				
		Back	L M	21.66 21.73	23.00 23.00	1.361 1.340	 0.100		0.134	
	Body-worn	Dack	H	21.73	23.00	1.340	0.100		0.134 	
	1	1	••	21.12	20.00	1.040				

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		М	21.73	23.00	1.340	0.088	 0.117	
	Γ	Н	21.72	23.00	1.343		 	
		L	21.66	23.00	1.361		 	
	Back	М	21.73	23.00	1.340	0.100	 0.134	
		Н	21.72	23.00	1.343		 	
		L	21.66	23.00	1.361		 	
	Front	М	21.73	23.00	1.340	0.088	 0.117	
		Н	21.72	23.00	1.343		 	
		L	21.66	23.00	1.361		 	
	Тор	М	21.73	23.00	1.340		 	
Ustanat	Тор	Н	21.72	23.00	1.343		 	
Hotspot		L	21.66	23.00	1.361		 	
	Bottom	М	21.73	23.00	1.340	0.089	 0.119	
	Γ	Н	21.72	23.00	1.343		 	
		L	21.66	23.00	1.361		 	
	Left	М	21.73	23.00	1.340	0.046	 0.061	
	Γ	Н	21.72	23.00	1.343		 	
		L	21.66	23.00	1.361		 	
	Right	М	21.73	23.00	1.340	0.084	 0.112	
	Γ	н	21.72	23.00	1.343		 	



#### Mode: LTE Band 38

fL (MHz)= 2580 MHz fM (MHz)=

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

#### fM (MHz)= 2595MHz fH (MI

### fH (MHz)= 2610MHz

Test case Tune-up Scaling Meas SAR(w/kg) Report SAR(w/kg) Meas Exposure power(dBm) (dBm) Mode Position Channel factor First Second First Second condition 20.00 1.469 L. 18.33 ---\_\_\_ \_\_\_\_ Left М 18.34 20.00 1.466 0.232 ---0.340 --cheek н 17.91 20.00 1.618 L 18.33 20.00 1.469 Left Μ 18.34 20.00 1.466 0.244 0.358 -----tilted н 17.91 20.00 1.618 18.33 20.00 1.469 Head L ---------------Right М 18.34 20.00 1.466 0.355 ----0.520 --cheek н 17.91 20.00 1.618 ---------------18.33 L 20.00 1.469 \_\_\_\_ ---\_\_\_ \_\_\_ М 18.34 20.00 1.466 0.507 ----0.743 ---Right tilted 0.479 CA 18.14 20.00 1.535 0.735 \_\_\_ --н 17.91 20.00 1.618 ------L 22.33 24.00 1.469 ---------\_\_\_\_ 22.34 24.00 1.466 0.297 0.435 М Back 22.01 CA 24.00 1.581 0.256 0.405 Body-worn н 24.00 1.549 22.1 --------------L 22.33 24.00 1.469 ----------------Front Μ 22.34 24.00 1.466 0.182 ----0.267 ----QPSK н 22.1 24.00 1.549 ---------------1RB L 22.33 24.00 1.469 ------24.00 22.34 1.466 0.297 0.435 Back м н 1.549 22.1 24.00 -------------22.33 24.00 1.469 L Front М 22.34 24.00 1.466 0.182 0.267 н 22.1 24.00 1.549 ---------1.469 22.33 24.00 L ------------1.466 0.465 М 22.34 24.00 0.681 -------Тор CA 22.01 24.00 1.581 0.358 ----0.566 ---Hotspot н 22.1 24.00 1.549 --------------22.33 24.00 1.469 -------L --------Bottom Μ 22.34 24.00 1.466 --------------н 1.549 22.1 24.00 --------------22.33 24.00 1.469 L ------------Left Μ 22.34 24.00 1.466 0.036 0.052 н 22.1 24.00 1.549 ----1.469 L 22.33 24.00 Right М 22.34 24.00 1.466 0.030 0.044 -----н 1.549 22.1 24.00 --------------L 17.58 19.00 1.387 ------------Left М 17.59 19.00 1.384 0.196 ----0.271 ---cheek н 17.21 19.00 1.510 --------------L 17.58 19.00 1.387 \_\_\_\_ ------Left М 17.59 0.278 19.00 1.384 0.201 -----tilted н QPSK 17.21 19.00 1.510 ------------Head 50%RB 17.58 19.00 1.387 L Right 17.59 19.00 1.384 0.304 М 0.421 cheek н 17.21 19.00 1.510 ---------17.58 19.00 1.387 L Right М 19.00 0.381 0.527 17.59 1.384 -----tilted н 17.21 19.00 1.510 ---------------

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

	of SAR (W/Kg): <1.6W/Kg (1) Test case			Tune-up	Scaling	Meas S	AR(w/kg)	Report S	AR(w/kg)	
Mode	Exposure condition	Position	Channel	Meas power(dBm)	(dBm)	factor	First	Second	First	Second
			L1	19.02	20.00	1.253				
			L2	19.01	20.00	1.256				
		Left	М	19.20	20.00	1.202	0.195		0.234	
		cheek	H1	19.00	20.00	1.259				
			H2	18.95	20.00	1.274				
			L1	19.02	20.00	1.253				
			L2	19.01	20.00	1.256				
		Left tilted	М	19.20	20.00	1.202	0.240		0.289	
		unteu	H1	19.00	20.00	1.259				
			H2	18.95	20.00	1.274				
	Head		L1	19.02	20.00	1.253				
			L2	19.01	20.00	1.256	-			
		Right	М	19.20	20.00	1.202	0.397		0.477	
		cheek	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				
			L1	19.02	20.00	1.253	-			
		Diaht	L2	19.01	20.00	1.256				
		Right tilted	М	19.20	20.00	1.202	0.394		0.474	
			H1	19.00	20.00	1.259				
			H2	18.95	20.00	1.274				
			L1	23.07	24.00	1.239				
		Back	L2	23.02	24.00	1.253				
			М	23.20	24.00	1.202	0.285		0.343	
QPSK			CA	22.89	24.00	1.291	0.245		0.316	
1RB			H1	22.95	24.00	1.274				
	Body-worn		H2	22.96	24.00	1.271				
			L1	23.07	24.00	1.239				
			L2	23.02	24.00	1.253				
		Front	М	23.20	24.00	1.202	0.203		0.244	
			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				
		Back	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				
			L1	23.07	24.00	1.239				
			L2	23.02	24.00	1.253				
		Front	M	23.20	24.00	1.202	0.203		0.244	
	Hotspot		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				
		Тор	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				
	Bo		L2	23.02	24.00	1.253				

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	监测中心检测中心						•		
			М	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		 	
		Left	М	23.20	24.00	1.202	0.034	 0.041	
			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		 	
		Right	М	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		 	
		Left	 M	18.10	19.00	1.230	0.164	 0.202	
		cheek	H1	17.92	19.00	1.282		 	
			H2	17.86	19.00	1.300		 	
			L1	17.00	19.00	1.300		 	
			L1 L2						
		Left	 M	17.94	19.00 19.00	1.276	 0 202	 	
		tilted		18.10		1.230	0.202	 0.249	
			H1	17.92	19.00	1.282		 	
	Head		H2	17.86	19.00	1.300		 	
			L1	18.03	19.00	1.250		 	
		Right	L2	17.94	19.00	1.276		 	
		cheek	М	18.10	19.00	1.230	0.381	 0.469	
			H1	17.92	19.00	1.282		 	
			H2	17.86	19.00	1.300		 	
			L1	18.03	19.00	1.250		 	
		Right tilted	L2	17.94	19.00	1.276		 	
			М	18.10	19.00	1.230	0.374	 0.460	
			H1	17.92	19.00	1.282		 	
			H2	17.86	19.00	1.300		 	
			L1	22.06	23.00	1.242		 	
			L2	21.98	23.00	1.265		 	
QPSK		Back	М	22.07	23.00	1.239	0.239	 0.296	
50%RB			H1	21.93	23.00	1.279		 	
			H2	21.90	23.00	1.288		 	
	Body-worn		L1	22.06	23.00	1.242		 	
			L2	21.98	23.00	1.242		 	
		Front	M	22.07	23.00	1.239	0.162	 0.201	
			H1	21.93	23.00	1.239		 0.201 	
			H2	21.93	23.00	1.279		 	
			L1	21.90	23.00	1.200		 	
			L1 L2	22.06	23.00	1.242			
		Back	 M	21.96	23.00	1.265	0.239	 0.296	
		DaCK							
			H1	21.93	23.00	1.279		 	
			H2	21.90	23.00	1.288		 	
			L1	22.06	23.00	1.242		 	
			L2	21.98	23.00	1.265		 	
	Hotspot	Front	М	22.07	23.00	1.239	0.162	 0.201	
			H1	21.93	23.00	1.279		 	
			H2	21.90	23.00	1.288		 	
			L1	22.06	23.00	1.242		 	
			L2	21.98	23.00	1.265		 	
		Тор	М	22.07	23.00	1.239	0.386	 0.478	
		-	H1	21.93	23.00	1.279		 	
					1				·

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		L1	22.06	23.00	1.242		 	
		L2	21.98	23.00	1.265		 	
	Bottom	М	22.07	23.00	1.239		 	
		H1	21.93	23.00	1.279		 	
		H2	21.90	23.00	1.288		 	
		L1	22.06	23.00	1.242		 	
		L2	21.98	23.00	1.265		 	
	Left	М	22.07	23.00	1.239	0.029	 0.036	
		H1	21.93	23.00	1.279		 	
		H2	21.90	23.00	1.288		 	
		L1	22.06	23.00	1.242		 	
		L2	21.98	23.00	1.265		 	
	Right	М	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 Exposure condition			Meas	Tune-up	Scaling	Meas S/	AR(w/kg)	Report SAR(w/kg)	
Mode		Position	Channel	power(dBm)	(dBm)	factor	First	Second	First	Second
		Left	L	22.80	24.00	1.318				
		cheek	М	22.88	24.00	1.294	0.190		0.246	
			н	22.81	24.00	1.315				
		Left	L	22.80	24.00	1.318				
		tilted	M	22.88	24.00	1.294	0.090		0.116	
	Head		н	22.81	24.00	1.315				
		Right	L	22.80	24.00	1.318				
		cheek	M	22.88	24.00	1.294	0.072		0.094	
			H	22.81	24.00	1.315				
		Right	L	22.80	24.00	1.318				
		tilted	M	22.88	24.00	1.294	0.070		0.091	
			н	22.81	24.00	1.315				
			L	22.80	24.00	1.318				
		Back	M	22.88	24.00	1.294	0.422		0.546	
	Body-worn		Н	22.81	24.00	1.315				
			L	22.80	24.00	1.318				
		Front	M	22.88	24.00	1.294	0.354		0.458	
QPSK			Н	22.81	24.00	1.315				
1RB			L	22.80	24.00	1.318				
		Back	M	22.88	24.00	1.294	0.422		0.546	
			Н	22.81	24.00	1.315				
			L	22.80	24.00	1.318				
		Front	М	22.88	24.00	1.294	0.354		0.458	
			Н	22.81	24.00	1.315				
		Тор	L	22.80	24.00	1.318				
			М	22.88	24.00	1.294				
	Hotspot		Н	22.81	24.00	1.315				
	mereper		L	22.80	24.00	1.318				
		Bottom	M	22.88	24.00	1.294	0.296		0.383	
			н	22.81	24.00	1.315				
			L	22.80	24.00	1.318				
		Left	M	22.88	24.00	1.294	0.401		0.519	
			н	22.81	24.00	1.315				
			L	22.80	24.00	1.318				
		Right	M	22.88	24.00	1.294				
			Н	22.81	24.00	1.315				
		Left	L	21.59	23.00	1.384				
		cheek	M	21.71	23.00	1.346	0.135		0.182	
			Н	21.71	23.00	1.346				
		Left	L	21.59	23.00	1.384				
		tilted	M	21.71	23.00	1.346	0.068		0.092	
	Head		Н	21.71	23.00	1.346				
QPSK		Right	L	21.59	23.00	1.384				
50%RB		cheek	M	21.71	23.00	1.346	0.068		0.091	
			H	21.71	23.00	1.346				
		Right	L	21.59	23.00	1.384				
		tilted	M	21.71	23.00	1.346	0.070		0.094	
			Н	21.71	23.00	1.346				
			L	21.59	23.00	1.384				
	Body-worn	Back	М	21.71	23.00	1.346	0.352		0.474	
			Н	21.71	23.00	1.346				

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		L	21.59	23.00	1.384		 	
	Front	М	21.71	23.00	1.346	0.290	 0.390	
		н	21.71	23.00	1.346		 	
		L	21.59	23.00	1.384		 	
	Back	М	21.71	23.00	1.346	0.352	 0.474	
		н	21.71	23.00	1.346		 	
		L	21.59	23.00	1.384		 	
	Front	М	21.71	23.00	1.346	0.290	 0.390	-
		н	21.71	23.00	1.346		 	
	Тор	L	21.59	23.00	1.384		 	
		М	21.71	23.00	1.346		 	
Hotspot		н	21.71	23.00	1.346		 	
потерот		L	21.59	23.00	1.384		 	
	Bottom	М	21.71	23.00	1.346	0.245	 0.330	
		н	21.71	23.00	1.346		 	
		L	21.59	23.00	1.384		 	
	Left	М	21.71	23.00	1.346	0.317	 0.427	
		Н	21.71	23.00	1.346		 	
		L	21.59	23.00	1.384		 	
	Right	М	21.71	23.00	1.346		 	
		Н	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)

		<u> </u>	<u> </u>		R Test Rec	ord				
	Test c	ase		Meas	Tune-up	Scaling	Meas S	AR(w/kg)	Report S	GAR(w/kg)
Mode	Exposure condition	Position	Channel	power(dBm)	(dBm)	factor	First	Second	First	Second
		1	L	16.98	17.50	1.127				
		Left cheek	М	16.99	17.50	1.125	0.416		0.468	
			Н	16.97	17.50	1.130				
		Left	L	16.98	17.50	1.127				
		tilted	М	16.99	17.50	1.125	0.428		0.481	
	Head		Н	16.97	17.50	1.130				
		Right	L	16.98	17.50	1.127				
		cheek	M	16.99	17.50	1.125	0.432		0.486	
			H	16.97	17.50	1.130				
		Right	L	16.98	17.50	1.127				
		tilted	M	16.99	17.50	1.125	0.429		0.482	
			н	16.97	17.50	1.130				
		Best	L	22.90	23.50	1.148				
		Back	M	22.91	23.50	1.146	0.615		0.704	
	Body-worn		Н	22.89	23.50	1.151				
		Front	L M	22.90	23.50	1.148	 0.5/1		 0.620	
ODOK		Front	H	22.91 22.89	23.50 23.50	1.146 1.151	0.541 		0.620	
QPSK 1RB			 L	22.89	23.50	1.131				
in B		Back	M	22.90	23.50	1.146	0.615		0.704	
		Dack	H	22.89	23.50	1.140				
		Front	L	22.90	23.50	1.148				
			M	22.90	23.50	1.146	0.541		0.620	
			H	22.89	23.50	1.140				
		Тор	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				
	Hotspot		L	22.90	23.50	1.148				
		Bottom	М	22.91	23.50	1.146				
			Н	22.89	23.50	1.151				
			L	22.90	23.50	1.148				
		Left	М	22.91	23.50	1.146	0.222		0.254	
			Н	22.89	23.50	1.151				
			L	22.90	23.50	1.148				
		Right	М	22.91	23.50	1.146	0.090		0.103	
			Н	22.89	23.50	1.151				
		1 64	L	17.08	17.50	1.102				
		Left cheek	М	17.11	17.50	1.094	0.401		0.439	
			Н	17.08	17.50	1.102				
		Left	L	17.08	17.50	1.102				
		tilted	М	17.11	17.50	1.094	0.384		0.420	
	Head		Н	17.08	17.50	1.102				
QPSK		Right	L	17.08	17.50	1.102				
50%RB		cheek	М	17.11	17.50	1.094	0.422		0.462	
			Н	17.08	17.50	1.102				
		Right	L	17.08	17.50	1.102				
		tilted	M	17.11	17.50	1.094	0.376		0.411	
			Н	17.08	17.50	1.102				
	Body-worn	Back	L	22.90	23.50	1.148				
			М	22.92	23.50	1.143	0.650		0.743	

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							1	
		Н	22.89	23.50	1.151		 	
		L	22.90	23.50	1.148		 	
	Front	М	22.92	23.50	1.143	0.512	 0.585	
		Н	22.89	23.50	1.151		 	
		L	22.90	23.50	1.148		 	
	Back	М	22.92	23.50	1.143	0.650	 0.743	
		н	22.89	23.50	1.151		 	
		L	22.90	23.50	1.148		 	
	Front	М	22.92	23.50	1.143	0.512	 0.585	
		Н	22.89	23.50	1.151		 	
		L	22.90	23.50	1.148		 	
		М	22.92	23.50	1.143	0.661	 0.755	
Hotopot		Н	22.89	23.50	1.151		 	
Hotspot		L	22.90	23.50	1.148		 	
	Bottom	М	22.92	23.50	1.143		 	
		н	22.89	23.50	1.151		 	
		L	22.90	23.50	1.148		 	-
	Left Right	М	22.92	23.50	1.143	0.218	 0.249	
		н	22.89	23.50	1.151		 	
		L	22.90	23.50	1.148		 	
		М	22.92	23.50	1.143	0.082	 0.094	
		н	22.89	23.50	1.151		 	



	Test case				NSA					
	Test c		Mass	Tune-up	Scaling	Meas S	AR(w/kg)	Report S	AR(w/kg)	
Mode	Exposure condition	Position	Channel	Meas power(dBm)	(dBm)	factor	First	Second	First	Second
			L							
		Left cheek	М							
		CHEEK	н							
			L							
		Left tilted	М							
	Head	tinted	н							
	neau	Diaht	L							
		Right cheek	М							
			Н							
		Pight	L							
		Right tilted	М							
			Н							
			L	21.98	22.50	1.127				
		Back	м	21.99	22.50	1.125	0.523		0.588	
	Body-worn		Н	21.96	22.50	1.132				
	,		L	21.98	22.50	1.127				
		Front	M	21.99	22.50	1.125	0.446		0.502	
QPSK			H	21.96	22.50	1.132				
1RB			L							
		Back	M	22.91	22.50	0.910	0.615		0.560	
			н							
		<b>-</b>	L							
		Front	M	22.91	22.50	0.910	0.541		0.492	
			н							
		Тор	L M	 22.91	 22.50		 0.589			
			H		22.50	0.910	0.569		0.536	
	Hotspot		L							
		Bottom	M	22.91	22.50	0.910				
		Bottom	H							
			L							
		Left	M	22.91	22.50	0.910	0.222		0.202	
		Lon	н							
			L							
		Right	M	22.91	22.50	0.910	0.090		0.082	
			н							
			L							
		Left	M							
		cheek	Н							
		_	L							
		Left tilted	М							
		tiitea	Н							
	Head	_	L							
0.5017		Right cheek	м							
QPSK 50%RB		CHEEK	Н						-	
JU /01 D		<b>P</b>	L				-		-	
		Right tilted	М							
		lineu	Н							
			L	21.97	22.50	1.130				
		Back	м	22.00	22.50	1.122	0.500		0.561	
	Body-worn		Н	21.98	22.50	1.127				
		Front	L	21.97	22.50	1.130	-			
		FIOIL	М	22.00	22.50	1.122	0.427		0.479	

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			н	21.98	22.50	1.127		 	
			L					 	
		Back	М	22.92	22.50	0.908	0.658	 0.597	
			Н					 	
			L					 	
		Front	М	22.92	22.50	0.908	0.512	 0.465	
			н					 	
			L					 	
		Тор	М	22.92	22.50	0.908	0.666	 0.605	
	Hetenet		н					 	
	Hotspot		L					 	
		Bottom	М	22.92	22.50	0.908		 	
			н					 	
			L					 	
		Left	М	22.92	22.50	0.908	0.218	 0.198	
			н					 	
			L					 	
		Right	М	22.92	22.50	0.908	0.082	 0.075	
			Н					 	
		Death	L	22.90	23.50	1.148		 	
		Back 17mm	М	22.91	23.50	1.146	0.344	 0.394	
QPSK	Body worn	.,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,	Н	22.89	23.50	1.151		 	
1RB	Body-worn	Front 16mm	L	22.90	23.50	1.148		 	
			М	22.91	23.50	1.146	0.317	 0.363	
			Н	22.89	23.50	1.151		 	
			L	22.90	23.50	1.148		 	
		Back 17mm	М	22.92	23.50	1.143	0.329	 0.376	
QPSK	Bedy warr		н	22.89	23.50	1.151		 	
50%RB	Body-worn		L	22.90	23.50	1.148		 	
		Front 16mm	М	22.92	23.50	1.143	0.303	 0.346	
			Н	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 Exposure condition			Meas	Tune-up	Scaling	Meas SA	AR(w/kg)	Report S	AR(w/kg)
Mode	Exposure condition	Position	Channel	power(dBm)	(dBm)	factor	First	Second	First	Second
		Left	L	22.46	24.00	1.426				
		cheek	М	22.49	24.00	1.416	0.068		0.096	
			н	22.46	24.00	1.426				
		Left	L	22.46	24.00	1.426				
		tilted	M	22.49	24.00	1.416	0.038		0.054	
	Head		н	22.46	24.00	1.426				
		Right	L	22.46	24.00	1.426				
		cheek	M	22.49	24.00	1.416	0.097		0.138	
			Н	22.46	24.00	1.426				
		Right	L	22.46	24.00	1.426				
		tilted	M	22.49	24.00	1.416	0.038		0.054	
			Н	22.46	24.00	1.426				
			L	22.46	24.00	1.426				
		Back	М	22.49	24.00	1.416	0.199		0.282	
	Body-worn		Н	22.46	24.00	1.426				
	Douy nom		L	22.46	24.00	1.426				
		Front	M	22.49	24.00	1.416	0.182		0.258	
QPSK			Н	22.46	24.00	1.426				
1RB			L	22.46	24.00	1.426				
		Back	М	22.49	24.00	1.416	0.199		0.282	
			Н	22.46	24.00	1.426				
			L	22.46	24.00	1.426				
		Front	М	22.49	24.00	1.416	0.182		0.258	
			Н	22.46	24.00	1.426				
		Тор	L	22.46	24.00	1.426				
			М	22.49	24.00	1.416				
	Hotspot		н	22.46	24.00	1.426				
	notspot		L	22.46	24.00	1.426				
		Bottom	М	22.49	24.00	1.416	0.141		0.200	
			н	22.46	24.00	1.426				
			L	22.46	24.00	1.426				
		Left	М	22.49	24.00	1.416	0.027		0.039	
			Н	22.46	24.00	1.426				
			L	22.46	24.00	1.426				
		Right	м	22.49	24.00	1.416	0.101		0.143	
			н	22.46	24.00	1.426				
		Left	L	22.38	24.00	1.452				
		cheek	М	22.40	24.00	1.445	0.077		0.112	
			н	22.37	24.00	1.455				
		1.04	L	22.38	24.00	1.452				
		Left tilted	М	22.40	24.00	1.445	0.045		0.066	
	Head		Н	22.37	24.00	1.455				
OPEK	neau	Dialet	L	22.38	24.00	1.452				
QPSK 50%RB		Right cheek	м	22.40	24.00	1.445	0.120		0.173	
			Н	22.37	24.00	1.455				
		Diaht	L	22.38	24.00	1.452				
		Right tilted	М	22.40	24.00	1.445	0.038		0.055	
		lineu	Н	22.37	24.00	1.455				
			L	22.38	24.00	1.452				
	Body-worn	Back	М	22.40	24.00	1.445	0.231		0.334	
			Н	22.37	24.00	1.455				