

# 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



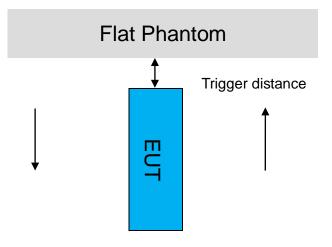
# For **BT/BLE**

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.

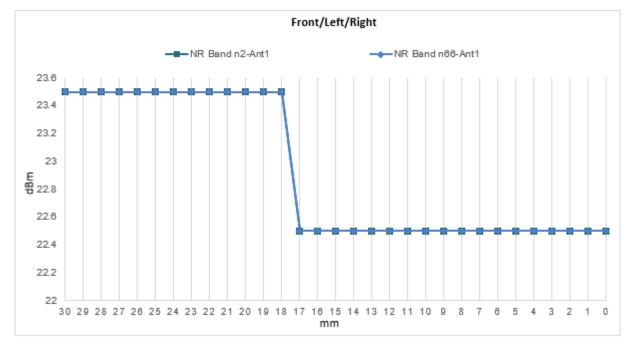


Proximity Sensor Triggering Distance(mm)							
Antenna	Ant1						
Band	NR Band n2/66						
Position	Front/Back/Left/Right/Top/Bottom						
Minimum	Front/Left/Right:17, Back/Top:18, Bottom:19						
Required SAR Test	Front/Left/Right:16, Back/Top:17, Bottom:18						

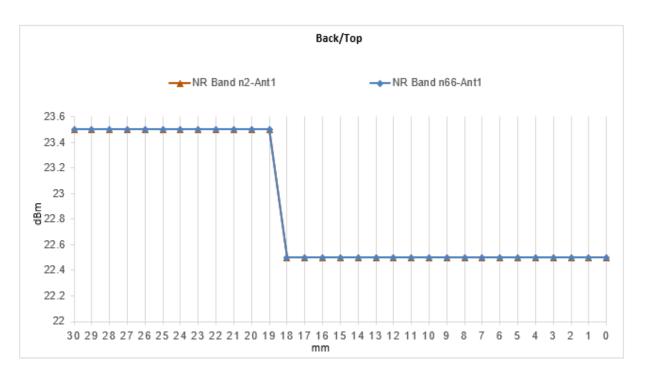
Note:

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.

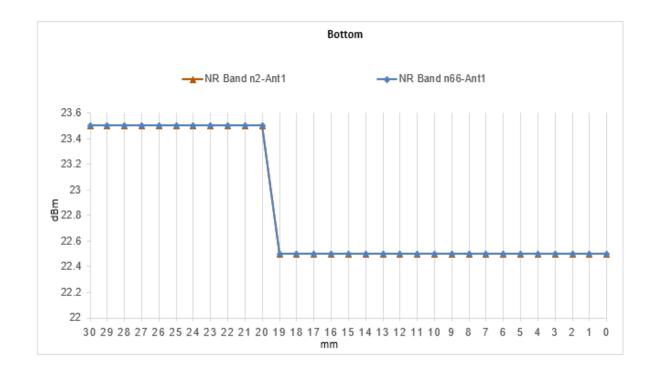




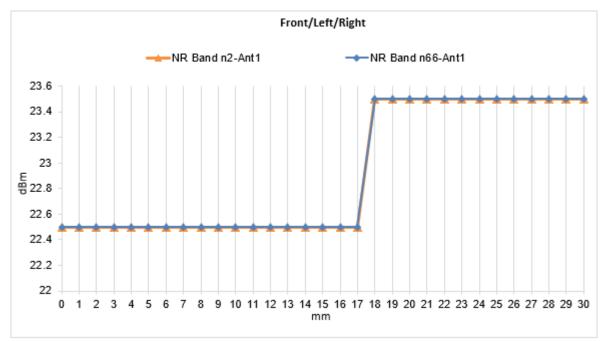
#### • DUT Moving Toward(Trigger)the Phantom



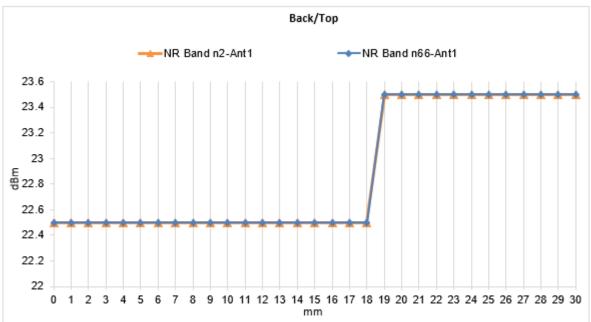


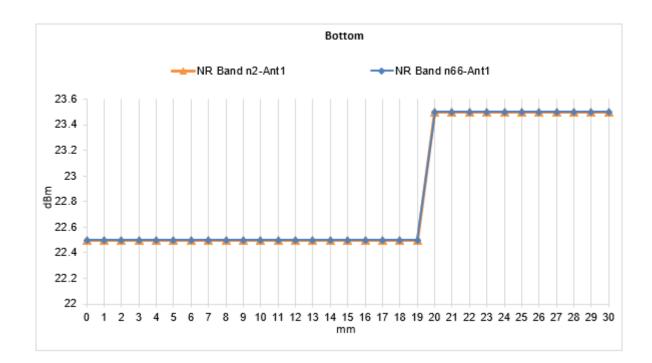


# • DUT Moving Away(Release) from the Phantom











#### Proximity sensor coverage

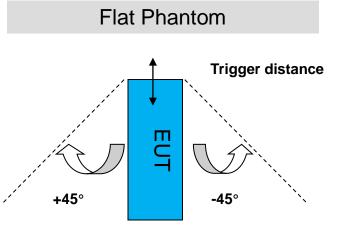
If a sensor is spatially offset from the antenna(s), it is necessary to verify sensor triggering for conditions where the antenna is next to the user but the sensor is laterally further away to ensure sensor coverage is sufficient for reducing the power to maintain compliance. For p-sensor coverage testing, 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												
		Minimum trigger				Pow	er Red	luction	Statu	s			
Band (MHz)	distance Per	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	measured	Target	Delta (%)	Tolerance	Verdict	Measured Date
(MHz)	parameters	40.700		0.44	(%)	D	
750	۶r	42.798	41.9	2.14	±5	Pass	2021/8/26
	σ[S/m]	0.873	0.89	-1.91	±5	Pass	
750	٤r	41.539	41.9	-0.86	±5	Pass	2021/8/27
	σ[S/m]	0.898	0.89	0.90	±5	Pass	
835	εr	41.537	41.5	0.09	±5	Pass	2021/8/28
	σ[S/m]	0.922	0.9	2.44	±5	Pass	
835	εr	41.890	41.5	0.94	±5	Pass	2021/8/29
	σ[S/m]	0.914	0.9	1.56	±5	Pass	2021/0/20
1800	εr	38.880	40	-2.80	±5	Pass	2021/8/30
1000	σ[S/m]	1.420	1.4	1.43	±5	Pass	2021/0/00
1800	εr	40.082	40	0.21	±5	Pass	2021/8/31
1000	σ[S/m]	1.388	1.4	-0.86	±5	Pass	2021/0/31
1800	εr	40.309	40	0.77	±5	Pass	2021/8/30
1000	σ[S/m]	1.353	1.4	-3.36	±5	Pass	2021/0/30
1900	εr	40.211	40	0.53	±5	Pass	2021/9/21
1800	σ[S/m]	1.343	1.4	-4.07	±5	Pass	2021/8/31
2000	εr	39.488	40	-1.28	±5	Pass	0004/0/00
2000	σ[S/m]	1.459	1.4	4.21	±5	Pass	2021/8/30
0000	εr	39.388	40	-1.53	±5	Pass	0004/0/04
2000	σ[S/m]	1.451	1.4	3.64	±5	Pass	2021/8/31
0450	εr	38.568	39.2	-1.61	±5	Pass	0004/0/00
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
	٤r	38.402	39	-1.53	±5	Pass	
2600	σ[S/m]	2.006	1.96	2.35	±5	Pass	2021/8/26
0000	٤r	38.468	39	-1.36	±5	Pass	0004/0/00
2600	σ[S/m]	1.966	1.96	0.31	±5	Pass	2021/8/26
	εr	37.870	39	-2.90	±5	Pass	
2600	σ[S/m]	1.959	1.96	-0.05	±5	Pass	2021/8/26
	εr	38.019	37.9	0.31	±5	Pass	
3500	σ[S/m]	2.954	2.91	1.51	±5	Pass	2021/8/27
	εr	36.044	36	0.12	±5	Pass	
5200	σ[S/m]	4.613	4.66	-1.01	±5	Pass	2021/8/29
	εr	35.740	35.9	-0.45	±5	Pass	
5300	σ[S/m]	4.786	4.76	0.55	±5	Pass	2021/8/29

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5600 εr σ[S/m]	εr	34.667	35.5	-2.35	±5	Pass	2021/8/29
	σ[S/m]	5.023	5.07	-0.93	±5	Pass	2021/0/29
5000	٤r	34.104	35.3	-3.39	±5	Pass	2024/9/20
5800	σ[S/m]	5.241	5.27	-0.55	±5	Pass	2021/8/29

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.

	SAR m						
Freq.(MHz)	(normaliz	ed to 1W)	Target (Ref. Value)	Delta (%)	Tolerance (%)	Verdict	Measured Date
750	1g	8.48	8.40	0.95	±10	Pass	2021/8/26
730	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
730	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
1000	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	2021/8/31
1800	10g	19.96	20.30	-1.67	±10	Pass	2021/0/31
2000	1g	42.80	41.00	4.39	±10	Pass	2021/8/30
2000	10g	22.12	20.50	7.90	±10	Pass	2021/0/30
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	0004/0/00
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
2000	1g	54.80	56.50	-3.01	±10	Pass	2024/0/20
2600	10g	24.32	25.40	-4.25	±10	Pass	2021/8/26
2000	1g	55.20	56.50	-2.30	±10	Pass	2024/0/20
2600	10g	24.72	25.40	-2.68	±10	Pass	2021/8/26
0500	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	0004/0/00
5200	10g	19.90	21.40	-7.01	±10	Pass	2021/8/29
5000	1g	73.20	78.00	-6.15	±10	Pass	0004/0/00
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	2024/2/22
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  $\leq 0.8$ 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.



N	lode	Duty cycle	Duty factor	Note		
	GSM 850	25%				
	GSM 1900	37.5%		According to the theory, we		
Licensed	WCDMA Band	100%		configured duty cycle with relevant value on the		
Frequency	uency FDD-LTE 100% Band	100%	INA	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 case			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
			L	32.63	33.50	1.222				
		Left cheek	М	32.69	33.50	1.205	0.208		0.251	
		oneen	Н	32.81	33.50	1.172				
			L	32.63	33.50	1.222				
GSM		Left tilted	М	32.69	33.50	1.205	0.084		0.102	
	llood	lined	Н	32.81	33.50	1.172				
	Head		L	32.63	33.50	1.222				
		Right cheek	М	32.69	33.50	1.205	0.137		0.165	
0014		oneen	Н	32.81	33.50	1.172				
GSM			L	32.63	33.50	1.222				
		Right tilted	М	32.69	33.50	1.205	0.080		0.097	
		tined	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	
	<b>.</b> .		Н	32.81	33.50	1.172				
	Body-worn	Front	L	32.63	33.50	1.222				
			М	32.69	33.50	1.205	0.425		0.512	
			Н	32.81	33.50	1.172			 0.512	
			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	
		2	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 SAR (W/kg): <1.6W/kg (1 Test case					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
		1	L	24.28	26.00	1.486				
		Left cheek	М	24.22	26.00	1.507	0.309		0.466	
		onook	Н	24.23	26.00	1.503				
		l oft	L	24.28	26.00	1.486				
		Left tilted	М	24.22	26.00	1.507	0.348		0.524	
	Head	littoa	Н	24.23	26.00	1.503				
	пеац	Dialat	L	24.28	26.00	1.486				
		Right cheek	М	24.22	26.00	1.507	0.523		0.788	
GSM		oncor	Н	24.23	26.00	1.503				
GSIM		Distri	L	24.28	26.00	1.486				
		Right tilted	М	24.22	26.00	1.507	0.499		0.752	
		unco	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	
	Body worp		Н	29.48	30.50	1.265				
	Body-worn	Front	L	29.40	30.50	1.288				
			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 GMSK	Listenet		Н	27.37	29.00	1.455				
2TxSlots	Hotspot		L	27.45	29.00	1.429				
217/01010		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		0.119	
			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

	t SAR (W/	Average)	Tung un	Cooling	Maga S/	D(uu/leg)	Denert S			
	Test c	ase		Meas	Tune-up	Scaling	Meas 54	AR(w/kg)	Report S	AR(w/kg)
Mode	Exposure condition	Position	Channel	power(dBm)	(dBm)	factor	First	Second	First	Second
		1.4	L	17.01	18.00	1.256				
		Left cheek	М	16.96	18.00	1.271	0.210		0.267	
		oncen	н	17.07	18.00	1.239				
			L	17.01	18.00	1.256				
		Left tilted	М	16.96	18.00	1.271	0.199		0.253	
	Llaad	lineu	Н	17.07	18.00	1.239				
	Head		L	17.01	18.00	1.256				
		Right cheek	М	16.96	18.00	1.271	0.584		0.742	
		CHEEK	н	17.07	18.00	1.239				
			L	17.01	18.00	1.256				
		Right tilted	М	16.96	18.00	1.271	0.547		0.695	
		liiteu	н	17.07	18.00	1.239				
	Body-worn		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	
		Front	L	23.07	24.00	1.239				
			М	23.06	24.00	1.242	0.596		0.740	
540			н	23.15	24.00	1.216				
RMC			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	
	11-4	-	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				
	1	1								



# 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 case				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
			L	16.66	18.00	1.361				
		Left cheek	М	16.73	18.00	1.340	0.174		0.233	
		oncen	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	
	Head	lineu	Н	16.58	18.00	1.387				
	пеао		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				
	Body-worn -		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	
		Front	L	23.03	24.00	1.250				
			М	23.08	24.00	1.236	0.375		0.463	
DMO			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	
	Ustanat		Н	22.96	24.00	1.271				
	Hotspot		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 case				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
			L	23.04	24.00	1.247				
		Left cheek	М	23.05	24.00	1.245	0.097		0.121	
		CHECK	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	linco	Н	22.99	24.00	1.262				
	пеао	Dist	L	23.04	24.00	1.247				
		Right cheek	М	23.05	24.00	1.245	0.171		0.213	
		CHECK	Н	22.99	24.00	1.262				
			L	23.04	24.00	1.247				
		Right tilted	М	23.05	24.00	1.245	0.083		0.103	
		tinteu	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				
		Front	L	23.04	24.00	1.247				
			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				
	посърос		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 (MI

Hz fM (MHz)= 1880MHz

# fH (MHz)= 1900MHz

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

	Test case Exposure condition		- 5 ( 5		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	22.73	24.00	1.340	0.138		0.185	
			Н	22.71	24.00	1.346				
		Left	L	22.72	24.00	1.343				
		tilted	М	22.73	24.00	1.340	0.055		0.073	
	Head		Н	22.71	24.00	1.346				
	nouu	Right	L	22.72	24.00	1.343				
		cheek	М	22.73	24.00	1.340	0.076		0.101	
			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		0.082	
			Н	22.71	24.00	1.346				
			L	22.72	24.00	1.343				
		Back	M	22.73	24.00	1.340	0.342		0.458	
	Body-worn		H	22.71	24.00	1.346				
	-		L	22.72	24.00	1.343				
		Front	M	22.73	24.00	1.340	0.273		0.366	
QPSK 1RB			H	22.71	24.00	1.346				
IND		Deels	L	22.72	24.00	1.343				
		Back	M	22.73	24.00	1.340	0.342		0.458	
			н	22.71	24.00	1.346				
		Front	L	22.72	24.00	1.343	 0 072			
		Front	M H	22.73 22.71	24.00 24.00	1.340 1.346	0.273		0.366	
			L	22.71	24.00	1.340				
		Тор	M	22.72	24.00	1.343				
			H	22.73	24.00	1.340				
	Hotspot		L	22.71	24.00	1.340				
		Bottom	M	22.72	24.00	1.340	0.157		0.210	
		Bottom	н	22.73	24.00	1.346				
			L	22.72	24.00	1.343				
		Left	M	22.72	24.00	1.340	0.270		0.362	
		Lon	н	22.71	24.00	1.346				
			L	22.72	24.00	1.343				
		Right	 M	22.73	24.00	1.340				
			н	22.71	24.00	1.346				
			L	21.83	23.00	1.309				
		Left	м	21.84	23.00	1.306	0.090		0.117	
		cheek	Н	21.65	23.00	1.365				
			L	21.83	23.00	1.309				
		Left tilted	м	21.84	23.00	1.306	0.048		0.063	
		riirea	Н	21.65	23.00	1.365				
0.5017	Head		L	21.83	23.00	1.309				
QPSK 50%RB		Right cheek	М	21.84	23.00	1.306	0.061		0.080	
00/0110		SHEEK	Н	21.65	23.00	1.365				
		Distri	L	21.83	23.00	1.309				
		Right tilted	М	21.84	23.00	1.306	0.051		0.067	
		lineu	Н	21.65	23.00	1.365				
			L	21.83	23.00	1.309				
1	Body-worn	Back	М	21.84	23.00	1.306	0.284		0.371	
			Н	21.65	23.00	1.365				

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		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		 	
		L	21.83	23.00	1.309		 	
	Тор	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 case Exposure condition				Tune-up	Scaling	Meas SA	AR(w/kg)	Report S	AR(w/kg)
Mode	Exposure	Position	Channel	Meas power(dBm)	(dBm)	factor	First	Second	First	Second
		1	L	22.40	24.00	1.445	-			
		Left cheek	М	22.41	24.00	1.442	0.160		0.231	
		onook	Н	22.40	24.00	1.445				
		Left	L	22.40	24.00	1.445				
		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	М	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	0.450		0.649	
	Body-worn		H	22.40	24.00	1.445				
	-	_	L	22.40	24.00	1.445				
		Front	M	22.41	24.00	1.442	0.365		0.526	
QPSK 1RB			H	22.40	24.00	1.445				
IKD		<b>_</b> .	L	22.40	24.00	1.445				
		Back	M	22.41	24.00	1.442	0.450		0.649	
			н	22.40	24.00	1.445				
		Front	L	22.40 22.41	24.00	1.445				
		From	M H	22.41	24.00 24.00	1.442 1.445	0.365		0.526	
			 L	22.40	24.00	1.445				
		Тор	M	22.40	24.00	1.445				
			H	22.41	24.00	1.445				
	Hotspot		 L	22.40	24.00	1.445				
		Bottom	M	22.40	24.00	1.442	0.318		0.459	
		Dottom	H	22.40	24.00	1.445				
			L	22.40	24.00	1.445				
		Left	M	22.41	24.00	1.442	0.400		0.577	
		2011	H	22.40	24.00	1.445				
			L	22.40	24.00	1.445				
		Right	М	22.41	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	0.074		0.104	
		cheek	Н	21.52	23.00	1.406				
			L	21.36	23.00	1.459				
		Left	М	21.53	23.00	1.403	0.074		0.104	
		tilted	Н	21.52	23.00	1.406				
	Head		L	21.36	23.00	1.459				
QPSK 50%RB		Right cheek	М	21.53	23.00	1.403	0.067		0.094	
JU /OR D		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	
		uneu	Н	21.52	23.00	1.406	1			
			L	21.36	23.00	1.459				
	Body-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				
Hotopot		Н	21.52	23.00	1.406				
Hotspot	t	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				
		L	21.36	23.00	1.459				
	Right	М	21.53	23.00	1.403				
		Н	21.52	23.00	1.406				



#### Mode: LTE Band 5

fL (MHz)=829 MHz f

fM (MHz)=836.5MHz

# fH (MHz)= 844MHz

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

	Test c	•••			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				
		Right	L	22.72	24.00	1.343				
		cheek	M	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	M	22.80	24.00	1.318	0.299		0.394	
	Body-worn		H	22.65	24.00	1.365				
		_	L	22.72	24.00	1.343				
		Front	M	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	M	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	M	22.80	24.00	1.318	0.366		0.482	
			H	22.65	24.00	1.365				
		Тор	L	22.72	24.00	1.343				
			M	22.80	24.00	1.318				
	Hotspot		H	22.65	24.00	1.365				
	-		L	22.72	24.00	1.343				
		Bottom	M	22.80	24.00	1.318	0.171		0.225	
			H	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				
		Distri	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	M	21.79	23.00 23.00	1.321				
		cheek	H	21.82		1.312	0.090		0.117	
				21.78	23.00	1.324				
		Left	L M	21.79 21.82	23.00	1.321				
		tilted			23.00	1.312	0.054		0.071	
	Head		H	21.78	23.00	1.324				
QPSK		Right	M	21.79 21.82	23.00	1.321	 0 120		 0 160	
50%RB		cheek			23.00	1.312	0.129		0.169	
			H	21.78 21.79	23.00	1.324				
		Right	M		23.00	1.321				
		tilted	H	21.82	23.00	1.312	0.082		0.108	
			H L	21.78	23.00	1.324				
	Pody were	Beek		21.79	23.00	1.321	 0 200		 0.262	
	Body-worn	Back	M	21.82	23.00	1.312	0.200		0.262	
			Н	21.78	23.00	1.324				



	1 1	_	I	1	1	1	1	1	
		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				
		L	21.79	23.00	1.321				
	Right	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 (W/P			Meas	Tune-up	Scaling	Meas S	AR(w/kg)	Report S	AR(w/kg)
Mode	Exposure condition	Position	Channel	power(dBm)	(dBm)	factor	First	Second	First	Second
		Left	L	23.17	24.00	1.211				
		cheek	М	23.17	24.00	1.211				
			Н	23.18	24.00	1.208	0.004		0.005	
		Left	L	23.17	24.00	1.211				
		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-worm		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	
			L	21.00	22.00	1.259				
		Front	М	20.93	22.00	1.279				
			Н	21.11	22.00	1.227	0.401		0.492	
			L	21.00	22.00	1.259				
		Тор	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	
		Detter	М	20.93	22.00	1.279	0.954	0.937	1.221	1.199
		Bottom	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				
			н	21.11	22.00	1.227	0.018		0.022	
			L	22.07	23.00	1.239				
		Left	М	22.13	23.00	1.222				
		cheek	Н	22.18	23.00	1.208	0.001		0.001	
			L	22.07	23.00	1.239				
		Left	м	22.13	23.00	1.222				
		tilted	Н	22.18	23.00	1.208	0.003		0.003	
QPSK 50%RB	Head		L	22.07	23.00	1.239				
		Right	м	22.13	23.00	1.222				
		cheek	Н	22.18	23.00	1.208	0.007		0.008	
			L	22.07	23.00	1.239				
		Right	M	22.13	23.00	1.222				
		tilted		22.18	23.00	1.208	0.001		0.001	
				ZZ. 10						
	Body-worn	Back	H	22.18	23.00	1.239				

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	这里心检测中心		1				1	1	
			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		 	
			Н	20.18	21.00	1.208	0.278	 0.336	
			L	20.17	21.00	1.211		 	
		Front	М	20.15	21.00	1.216		 	
			Н	20.18	21.00	1.208	0.296	 0.358	
			L	20.17	21.00	1.211		 	
		Тор	М	20.15	21.00	1.216		 	
	Hotspot		Н	20.18	21.00	1.208		 	
	notspot		L	20.17	21.00	1.211	0.890	 1.077	
		Bottom	М	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	Μ	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		 	
	<b>D</b> . <b>I</b>		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		 	
		Back	H	19.84	21.00	1.306		 	
		Front	L	20.33	21.00	1.167		 	
			M	20.12	21.00	1.225		 	
QPSK			Н	19.84	21.00	1.306		 	
100%RB			L	20.33	21.00	1.167		 	
		Тор	M	20.12	21.00	1.225		 	
			H	19.84	21.00	1.306		 	
	Hotspot		L	20.33	21.00	1.167	0.823	 0.960	
		Bottom	M	20.12	21.00	1.225		 	
			H	19.84	21.00	1.306		 	
			L	20.33	21.00	1.167		 	
		Left	 M	20.12	21.00	1.225		 	
			H	19.84	21.00	1.306		 	
			L	20.33	21.00	1.167		 	
		Right	M	20.12	21.00	1.225		 	
			H	19.84	21.00	1.306		 	
			L	23.17	24.00	1.211		 	
		Back	M	23.17	24.00	1.211		 	
		Buok	H	23.17	24.00	1.208		 	
			L	23.16	24.00	1.208		 	
		Front	M	23.17	24.00	1.211		 	
ODer		TOIL	H	23.17	24.00	1.208		 	
QPSK 1RB	0mm								
	0mm	Ton	L	23.17	24.00	1.211		 	
		Тор	M	23.17	24.00	1.211		 	
			н	23.18	24.00	1.208		 	
		Better	L	23.17	24.00	1.211		 	
		Bottom	M	23.17	24.00	1.211		 	
			Н	23.18	24.00	1.208	1.150	 1.389	

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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		 	
		Front	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		 	
		Тор	М	22.13	23.00	1.222		 	
QPSK	0mm		Н	22.18	23.00	1.208		 	
50%RB	Unin		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		 	
			М	22.13	23.00	1.222		 	
			Н	22.18	23.00	1.208		 	

# EN\_DC

	Test c	ase		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							
		cheek	М							
		cheek	Н							
		Left	L							
		tilted	М							
	Head	tinteu	Н							
	neau	Right	L							
		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	
		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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, , , , , , , , , , , , , , , , , , , ,	11月中心112月中心				1 10		1	1		
			<u>M</u>	20.93	19.00	0.641				
			<u> </u>	21.11	19.00	0.615	0.018		0.011	
		Left	L							
		cheek	M							
		├	<u> </u>							
		Left	<u> </u>							
		tilted	<u>M</u>							
	Head		н							
		Right	<u> </u>							
		cheek	<u>M</u>							
			<u> </u>							
		Right	L 							
		tilted								
			<u>H</u>	22.07	22.00	0.984				
		Book	M	22.10						
		Back	 H		22.00	0.977				
	Body-worn			22.18 22.07	22.00 22.00	0.959 0.984	0.593 0.735		0.569 0.723	
		Front	M	22.10	22.00	0.984	0.735		0.723	
QPSK			 H	22.10	22.00	0.977	0.673		0.658	
995K 50%RB			 L	22.18	19.00	0.959	0.745		0.715	
JU /0RD		Back	 M	20.17	19.00	0.764				
		Dack	H	20.15	19.00	0.767	0.278		0.212	
			 L	20.18	19.00	0.762	0.276		0.212 	
		Front	M	20.17	19.00	0.767				
			H	20.13	19.00	0.762	0.296		0.226	
			 L	20.17	19.00	0.764	0.230		0.220	
		Тор	M	20.17	19.00	0.767				
		100	H	20.18	19.00	0.762				
	Hotspot		L	20.18	19.00	0.764	0.890		0.680	
		Bottom	M	20.15	19.00	0.767	0.878		0.674	
			H	20.13	19.00	0.762	0.812		0.619	
			L	20.17	19.00	0.764				
		Left	M	20.17	19.00	0.767				
			H	20.18	19.00	0.762	0.002		0.002	
			L	20.10	19.00	0.764				
		Right	M	20.15	19.00	0.767				
		J	H	20.18	19.00	0.762	0.017		0.013	
		1 1	L	22.52	22.00	0.887	0.571		0.507	
		Back	M							
	But		Н							
	Body-worn		L	22.52	22.00	0.887	0.754		0.669	
		Front	M							
			Н							
		i t	L	20.33	19.00	0.736				
		Back	М							
			Н							
			L	20.33	19.00	0.736				
		Front	М							
QPSK	K	[	Н							
100%RB			L	20.33	19.00	0.736				
		Тор	М							
			н							
			L	20.33	19.00	0.736	0.823		0.606	
		Bottom	М							
			Н							
			L	20.33	19.00	0.736				
		Left	М							
		H								
	1		L	20.33	19.00	0.736				
		Right	M							



#### Mode: LTE Band 12

fL (MHz)=704 MHz fM (MHz)

fM (MHz)=707.5MHz

# fH (MHz)= 711MHz

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

	Test case Exposure condition		• • •		Tune-up	Scaling	Meas SA	AR(w/kg)	Report S	AR(w/kg)
Mode		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				
	nouu	Right	L	22.61	24.00	1.377				
		cheek	М	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	М	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	М	22.77	24.00	1.327	0.125		0.166	
	Body-worn		Н	22.77	24.00	1.327				
			L	22.61	24.00	1.377				
		Front	М	22.77	24.00	1.327	0.104		0.138	
QPSK	0PSK 1RB		Н	22.77	24.00	1.327				
1RB			L	22.61	24.00	1.377				
		Back	М	22.77	24.00	1.327	0.125		0.166	
			Н	22.77	24.00	1.327				
			L	22.61	24.00	1.377				
		Front	М	22.77	24.00	1.327	0.104		0.138	
			Н	22.77	24.00	1.327				
			L	22.61	24.00	1.377				
			М	22.77	24.00	1.327				
	Hotspot		Н	22.77	24.00	1.327				
	notopot		L	22.61	24.00	1.377				
		Bottom	М	22.77	24.00	1.327	0.105		0.139	
			н	22.77	24.00	1.327				
			L	22.61	24.00	1.377				
		Left	М	22.77	24.00	1.327	0.049		0.065	
			Н	22.77	24.00	1.327				
			L	22.61	24.00	1.377				
		Right	М	22.77	24.00	1.327	0.090		0.120	
			Н	22.77	24.00	1.327				
		Left	L	21.59	23.00	1.384				
		cheek	М	21.68	23.00	1.355	0.057		0.077	
			Н	21.68	23.00	1.355				
		1 044	L	21.59	23.00	1.384				
		Left tilted	М	21.68	23.00	1.355	0.030		0.041	
	Head		Н	21.68	23.00	1.355				
QPSK	Heau	Dicht	L	21.59	23.00	1.384				
GPSK 50%RB		Right cheek	М	21.68	23.00	1.355	0.074		0.100	
			Н	21.68	23.00	1.355				
		Dialet	L	21.59	23.00	1.384				
		Right tilted	М	21.68	23.00	1.355	0.028		0.038	
			Н	21.68	23.00	1.355				
			L	21.59	23.00	1.384				
	Body-worn	Back	М	21.68	23.00	1.355	0.102		0.138	
			Н	21.68	23.00	1.355				



	1 1		1			1	1	1	
		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				
посърос		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 Fm (M

Fm (MHz)=782MHz

# Fh (MHz)= 782MHz

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

	Test case Dete Exposure Posit				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
		Left	L							
		cheek	М	22.99	24.00	1.262	0.069		0.087	
			Н							
		Left	L							
		tilted	М	22.99	24.00	1.262	0.035		0.044	
	Head		Н							
	nouu	Right	L							
		cheek	М	22.99	24.00	1.262	0.062		0.079	
			Н							
		Right	L							
		tilted	М	22.99	24.00	1.262	0.026		0.032	
			Н							
			L							
		Back	M	22.99	24.00	1.262	0.111		0.140	
	Body-worn		Н							
			L							
		Front	M	22.99	24.00	1.262	0.130		0.164	
QPSK			Н							
1RB			L							
		Back	M	22.99	24.00	1.262	0.111		0.140	
			Н							
		Front	L							
			M	22.99	24.00	1.262	0.130		0.164	
			Н							
		Тор	L							
			M	22.99	24.00	1.262				
	Hotspot		H							
			L							
		Bottom	M	22.99	24.00	1.262	0.103		0.130	
			H							
			L							
		Left	M	22.99	24.00	1.262	0.019		0.024	
			H							
		Distri	L							
		Right	M	22.99	24.00	1.262	0.094		0.119	
			н							
		Left	L			1 299	 0.050			
		cheek	M H	21.90	23.00	1.288	0.050		0.065	
			L H							
		Left	M	 21.90	 23.00	 1.288	0.027		 0.034	
		tilted	H							
	Head									
QPSK	QPSK	Right	L M	21.90	23.00	 1.288	 0.051		 0.065	
50%RB		cheek	H							
			L							
		Right	M	21.90	23.00	1.288	0.021		0.028	
		tilted	H	21.90 	23.00	1.200	0.021		0.028	
			L							
	Body-worn	Back	M	21.90	23.00	1.288	0.104		0.134	
	Bouy-worn	Dauk	H	21.90 	23.00	1.200 	0.104 		0.134 	
	1	1								



I	1 1	_	1	1	1	1	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		Н							
Hotspot		L							
	Bottom	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	
		Н							
		L							
	Right	М	21.90	23.00	1.288	0.077		0.099	
		Н							



# Mode: LTE Band 17 fL (MHz)=709 MHz fM (MHz)=710 MHz Limit of SAR (W/kg): <1.6W/kg (1g Average)</th>

#### fH (MHz)= 711 MHz

	Test case Mode Exposure Positi			Meas T	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	22.6	24.00	1.380				
		cheek	М	22.62	24.00	1.374	0.148		0.203	
			Н	22.55	24.00	1.396				
		Left	L	22.6	24.00	1.380				
		tilted	M	22.62	24.00	1.374	0.077		0.106	
	Head		н	22.55	24.00	1.396				
		Right	L	22.6	24.00	1.380				
		cheek	M	22.62	24.00	1.374	0.055		0.076	
			H	22.55 22.6	24.00 24.00	1.396 1.380				
		Right	 	22.62	24.00	1.374	0.033		0.046	
		tilted	H	22.55	24.00	1.374			0.040 	
			L	22.55	24.00	1.390				
		Back	M	22.62	24.00	1.374	0.124		0.170	
		Dack	H	22.62	24.00	1.374	0.124 			
	Body-worn		L	22.55	24.00	1.390				
		Front	M	22.62	24.00	1.374	0.106		0.146	
QPSK		. i ont	H	22.55	24.00	1.396			0.140 	
1RB			L	22.6	24.00	1.380				
		Back	 M	22.62	24.00	1.374	0.124		0.170	
			Н	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	24.00	1.380				
			М	22.62	24.00	1.374				
			н	22.55	24.00	1.396				
	Hotspot		L	22.6	24.00	1.380				
		Bottom	М	22.62	24.00	1.374	0.110		0.151	
			Н	22.55	24.00	1.396				
			L	22.6	24.00	1.380				
		Left	М	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 - 64	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				
		tilted	М	21.73	23.00	1.340	0.058		0.078	
	Head		Н	21.72	23.00	1.343				
		Right	L	21.66	23.00	1.361				
QPSK		cheek	М	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	21.73	23.00	1.340	0.027		0.036	
			H	21.72	23.00	1.343				
			L	21.66	23.00	1.361				
	Body-worn	Back	M	21.73	23.00	1.340	0.100		0.134	
	-	<b>-</b>	н	21.72	23.00	1.343				
The Otet		Front	L	21.66	23.00	1.361				

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		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		 	
	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		 	
Unternet		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	
		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	
		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	
		н	21.72	23.00	1.343		 	



#### Mode: LTE Band 38

fL (MHz)= 2580 MHz fM

fM (MHz)= 2595MHz

# fH (MHz)= 2610MHz

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

	Test c		- 5 ( 5	Need Need	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	18.33	20.00	1.469				
		cheek	М	18.34	20.00	1.466	0.232		0.340	
			Н	17.91	20.00	1.618				
		Left	L	18.33	20.00	1.469				
		tilted	М	18.34	20.00	1.466	0.244		0.358	
			Н	17.91	20.00	1.618				
	Head	Right	L	18.33	20.00	1.469				
		cheek	M	18.34	20.00	1.466	0.355		0.520	
			Н	17.91	20.00	1.618				
			L	18.33	20.00	1.469				
		Right	M	18.34	20.00	1.466	0.507		0.743	
		tilted	CA	18.14	20.00	1.535	0.479		0.735	
			Н	17.91	20.00	1.618				
			L	22.33	24.00	1.469				
		Back	M	22.34	24.00	1.466	0.297		0.435	
			CA	22.01	24.00	1.581	0.256		0.405	
	Body-worn		Н	22.1	24.00	1.549				
			L	22.33	24.00	1.469				
OPSK	2PSK 1RB	Front	М	22.34	24.00	1.466	0.182		0.267	
1RB			Н	22.1	24.00	1.549				
			L	22.33	24.00	1.469				
		Back	М	22.34	24.00	1.466	0.297		0.435	
			Н	22.1	24.00	1.549				
		Front	L	22.33	24.00	1.469				
			М	22.34	24.00	1.466	0.182		0.267	
			Н	22.1	24.00	1.549				
			L	22.33	24.00	1.469				
		Тор	М	22.34	24.00	1.466	0.465		0.681	
			CA	22.01	24.00	1.581	0.358		0.566	
	Hotspot		Н	22.1	24.00	1.549				
			L	22.33	24.00	1.469				
		Bottom	М	22.34	24.00	1.466				
			Н	22.1	24.00	1.549				
			L	22.33	24.00	1.469				
		Left	М	22.34	24.00	1.466	0.036		0.052	
			Н	22.1	24.00	1.549				
			L	22.33	24.00	1.469				
		Right	M	22.34	24.00	1.466	0.030		0.044	
			Н	22.1	24.00	1.549				
		Left	L	17.58	19.00	1.387				
		cheek	М	17.59	19.00	1.384	0.196		0.271	
			Н	17.21	19.00	1.510				
		Left	L	17.58	19.00	1.387				
		tilted	M	17.59	19.00	1.384	0.201		0.278	
QPSK	Head		Н	17.21	19.00	1.510				
50%RB		Right	L	17.58	19.00	1.387				
		cheek	М	17.59	19.00	1.384	0.304		0.421	
			Н	17.21	19.00	1.510				
		Right	L	17.58	19.00	1.387				
		tilted	М	17.59	19.00	1.384	0.381		0.527	
			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	
Badywarn		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	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		 	
	Тор	М	21.50	23.00	1.413	0.386	 0.545	
Hotopot		Н	21.16	23.00	1.528		 	
Hotspot		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)

	Test c		<u>3</u> (-3	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
			L1	19.02	20.00	1.253	-			
		Left	L2	19.01	20.00	1.256				
		cheek	М	19.20	20.00	1.202	0.195		0.234	
		eneon	H1	19.00	20.00	1.259				
			H2	18.95	20.00	1.274				
			L1	19.02	20.00	1.253				
		Left	L2	19.01	20.00	1.256				
		tilted	М	19.20	20.00	1.202	0.240		0.289	
			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				
		Right	L2	19.01	20.00	1.256				
		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				
		Back	L1	23.07	24.00	1.239				
			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				
			L2	23.02	24.00	1.253				



	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	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			
		Left						  0.202	
		cheek -	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		 	
			L1	18.03	19.00	1.250		 	
		Left	L2	17.94	19.00	1.276		 	
		tilted	Μ	18.10	19.00	1.230	0.202	 0.249	
		-	H1	17.92	19.00	1.282		 	
	Head		H2	17.86	19.00	1.300		 	
	nedu	-	L1	18.03	19.00	1.250		 	
		Disché	L2	17.94	19.00	1.276		 	
		Right cheek	М	18.10	19.00	1.230	0.381	 0.469	
		oneek	H1	17.92	19.00	1.282		 	
		-	H2	17.86	19.00	1.300		 	
			L1	18.03	19.00	1.250		 	
			L2	17.94	19.00	1.276		 	
		Right	М	18.10	19.00	1.230	0.374	 0.460	
		tilted	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	1.242			
QPSK		Back	 M	21.98	23.00		0.239		
50%RB		Dack			-	1.239		 0.296	
		-	H1	21.93	23.00	1.279		 	
	Body-worn		H2	21.90	23.00	1.288		 	
	-		L1	22.06	23.00	1.242		 	
			L2	21.98	23.00	1.265		 	
		Front	М	22.07	23.00	1.239	0.162	 0.201	
			H1	21.93	23.00	1.279		 	
L			H2	21.90	23.00	1.288		 	
			L1	22.06	23.00	1.242		 	
			L2	21.98	23.00	1.265		 	
		Back	М	22.07	23.00	1.239	0.239	 0.296	
			H1	21.93	23.00	1.279		 	
		ľ	H2	21.90	23.00	1.288		 	
			L1	22.06	23.00	1.242		 	
		Ē	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	21.90	23.00	1.242		 	
		<b>T</b>	L2	21.98	23.00	1.265		 	
		Тор	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		 	

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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		 	
	Right	L2	21.98	23.00	1.265		 	
		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 (

Hz fM (MHz)= 1745MHz

# fH (MHz)= 1770MHz

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

	Test c			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	22.80	24.00	1.318				
		cheek	М	22.88	24.00	1.294	0.190		0.246	
			Н	22.81	24.00	1.315			Sond         First            0.246            0.116                0.116                0.094                0.094                0.091                0.546                0.458                0.458  -	
		Left	L	22.80	24.00	1.318				
		tilted	M	22.88	24.00	1.294	0.090			
	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			
			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			
_			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			
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			
			Н	22.81	24.00	1.315				
		_	L	22.80	24.00	1.318			First         0.246            0.116            0.094            0.094            0.094            0.094            0.091            0.546            0.546            0.458            0.458            0.458            0.458            0.383            0.519            0.519            0.182            0.092            0.092            0.091            0.094            0.0474	
		Front	M	22.88	24.00	1.294	0.354			
			Н	22.81	24.00	1.315				
		_	L	22.80	24.00	1.318				
		Тор	M	22.88	24.00	1.294				
	Hotspot		н	22.81	24.00	1.315				
			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			
			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			
			н	21.71	23.00	1.346				
		Right	L	21.59	23.00	1.384				
		tilted	M	21.71	23.00	1.346	0.070		0.116            0.094            0.091            0.546            0.546            0.546            0.458            0.546            0.546            0.546            0.546            0.546            0.546            0.546            0.182            0.182            0.092            0.091            0.091            0.094            0.474	
Ļ			Н	21.71	23.00	1.346				
			L	21.59	23.00	1.384			0.458 0.546 0.458 0.458 0.458 0.458 0.383 0.383 0.383 0.383 0.519 0.519 0.519 0.182 0.182 0.092 0.092 0.092 0.091 0.094 0.094 0.094 0.474	
	Body-worn	Back	М	21.71	23.00	1.346	0.352		0.474	
			Н	21.71	23.00	1.346			0.246 0.116 0.094 0.094 0.094 0.094 0.546 0.546 0.546 0.546 0.548 0.548 0.548 0.548 0.548 0.548 0.383 0.54 0.383 0.08 0.08 0.08 0.08 0.091 0.091 0.091 0.091 0.091 0.091 0.091 0.091 0.091 0.091 0.091 0.091 0.091 0.091 0.094 0.094 0.0474 0.041	

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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		 	
		L	21.59	23.00	1.384		 	
	Тор	М	21.71	23.00	1.346		 	
Hotopo		Н	21.71	23.00	1.346		 	
Hotspo	L	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)

				SA N2 SA	R Test Rec	ord				
	Test c	ase		Massa	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	16.98	17.50	1.127				
		Left cheek	М	16.99	17.50	1.125	0.416		First	
		oncer	Н	16.97	17.50	1.130				
		1	L	16.98	17.50	1.127				
		Left tilted	М	16.99	17.50	1.125	0.428		0.481	
	Head	intea	Н	16.97	17.50	1.130				
	neau	D'al (	L	16.98	17.50	1.127				
		Right cheek	М	16.99	17.50	1.125	0.432		0.486	
		oncer	Н	16.97	17.50	1.130				
		D'al (	L	16.98	17.50	1.127				
		Right tilted	М	16.99	17.50	1.125	0.429		0.482	
		inteu	Н	16.97	17.50	1.130				
			L	22.90	23.50	1.148				
		Back	М	22.91	23.50	1.146	0.615		0.704	
	Body-worn		Н	22.89	23.50	1.151				
	Body-worn		L	22.90	23.50	1.148				
		Front	М	22.91	23.50	1.146	0.541		0.620	
QPSK			Н	22.89	23.50	1.151				
1RB			L	22.90	23.50	1.148				
		Back	М	22.91	23.50	1.146	0.615		0.704	
			Н	22.89	23.50	1.151			First         0.468            0.481            0.481            0.482            0.486            0.486            0.486            0.482            0.704            0.620            0.620            0.620            0.620            0.620            0.620            0.620            0.620            0.620            0.620            0.620            0.620            0.254            0.439            0.420            0.462	
			L	22.90	23.50	1.148				
		Front	М	22.91	23.50	1.146	0.541			
			Н	22.89	23.50	1.151				
			L	22.90	23.50	1.148				
		Тор	М	22.91	23.50	1.146	0.589		0.675	
	Unternet		Н	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				
		1.4	L	17.08	17.50	1.102				
		Left cheek	М	17.11	17.50	1.094	0.401		0.439	
		SHOCK	Н	17.08	17.50	1.102				
		1	L	17.08	17.50	1.102				
		Left tilted	М	17.11	17.50	1.094	0.384		0.420	
	Head	anteu	Н	17.08	17.50	1.102				
QPSK	neau	Distri	L	17.08	17.50	1.102				
50%RB		Right cheek	М	17.11	17.50	1.094	0.422		0.462	
		Shoak	Н	17.08	17.50	1.102				
		Distri	L	17.08	17.50	1.102				
		Right tilted	М	17.11	17.50	1.094	0.376		0.411	
		lineu	Н	17.08	17.50	1.102				
	Podu war	Baal	L	22.90	23.50	1.148			First              0.468              0.481              0.482              0.482              0.704              0.704              0.704              0.704              0.704              0.704              0.704              0.620              0.704              0.704              0.704              0.704              0.704              0.704              0.620              0.621              0.704              0.704              0.620              0.103	
	Body-worn	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		 	
	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		 	
	Тор	М	22.92	23.50	1.143	0.661	 0.755	
Hotspot		н	22.89	23.50	1.151		 	
потерот		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	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		 	
	Right	М	22.92	23.50	1.143	0.082	 0.094	
		Н	22.89	23.50	1.151		 	



					NSA					
	Test c	ase			Tune-up	Scaling	Meas S/	AR(w/kg)	Report S	AR(w/kg)
Mode	Exposure condition	Position	Channel	Meas power(dBm)	Tune-up           (dBm)           (dBm)   22.50           22.50           22.50           22.50           22.50           22.50              22.50              22.50              22.50              22.50              22.50              22.50              22.50              22.50              22.50	factor	First	Second	First	Second
			L							
		Left cheek	м							
			н							
		Left	L							
		tilted	М							
	Head		Н							
		Right	L							
		cheek	M							
			H							
		Right	L							
		tilted	M		-					
			н							
		Beels	L	21.98		1.127	 0 5 2 2			
		Back	M	21.99		1.125	0.523			
	Body-worn		H L	21.96 21.98		1.132				
		Front	<u> </u>	21.98		1.127 1.125	0.446			
ODOK		FION	H	21.99		1.125	0.440 			
QPSK 1RB			L							
		Back	M	22.91		0.910	0.615			
		Dack	н							
			L							
		Front	 M	22.91		0.910	0.541			
			н							
			L							
		Тор	M	22.91		0.910	0.589		0.502  0.560  0.492  0.536    0.536   0.5202	
			Н							
	Hotspot		L							
		Bottom	м	22.91	22.50	0.910				
			н							
			L							
		Left	М	22.91	22.50	0.910	0.222		0.202	
			н							
			L							
		Right	М	22.91	22.50	0.910	0.090		0.082	
			Н							
		l aft	L							
		Left cheek	м							
			Н							
		Left	L							
		tilted	М							
	Head		Н							
		Right	L							
QPSK		cheek	M							
50%RB			H							
		Right	L							
		tilted	M							
			н							
		D	L	21.97	22.50	1.130				
	Deducer	Back	M	22.00	22.50	1.122	0.500			
	Body-worn		н	21.98	22.50	1.127				
	Head Body-worn	Front	L	21.97	22.50	1.130				
			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	
	Hotspot	Bottom	н					 	
	потерот		L					 	
			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					 	
		Deal	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	L	22.90	23.50	1.148		 	
		Front 16mm	М	22.91	23.50	1.146	0.317	 0.363	
			Н	22.89	23.50	1.151		 	
		Deals	L	22.90	23.50	1.148		 	
		Back 17mm	М	22.92	23.50	1.143	0.329	 0.376	
QPSK	Body worr		Н	22.89	23.50	1.151		 	
50%RB	Body-worn	Front	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 c		- 5 ( 5		Tune-up	Scaling	Meas SA	AR(w/kg)	Report S	SAR(w/kg)
Mode	Exposure condition	Position	Channel	Meas power(dBm)         A           22.46         22.49           22.46         22.49           22.46         22.49           22.46         22.49           22.46         22.49           22.46         22.46           22	(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		rst         Second         First		
		Left	L		24.00	1.426				
		tilted	M		24.00	1.416	0.038		0.054	
	Head		Н		24.00	1.426				
		Right	L		24.00	1.426				
		cheek	M		24.00	1.416	0.097		0.138	
			Н		24.00	1.426				
		Right	L		24.00	1.426				
		tilted	M		24.00	1.416	0.038			
			H		24.00	1.426				
			L		24.00	1.426				
		Back	M		24.00	1.416	0.199			
	Body-worn		H		24.00	1.426				
		_	L		24.00	1.426				
		Front	M		24.00	1.416	0.182			
QPSK			Н		24.00	1.426				
1RB			L		24.00	1.426				
		Back	M		24.00					
			H		24.00				0.282 0.282  0.258 	
		_	L		24.00	4.00         1.426              4.00         1.426               4.00         1.416         0.182          0.1           4.00         1.426           0.1				
		Front	M		24.00		0.182		0.258	
			Н		24.00					
			L		24.00					
		Тор	M		24.00	1.416			 0.054  0.138  0.138  0.054  0.282  0.282  0.258  0.262  0.258  0.258  0.258  0.258  0.258  0.258  0.258  0.262  0.262  0.262  0.262  0.258  0.262  0.258  0.268  0.268  0.258  0.258  0.268  0.258  0.268  0.258  0.258  0.268  0.258  0.268  0.258  0.200  0.143  0.112  0.173  0.055  0.055  0.173  0.055  0.055  0.055  0.055  0.055  0.055  0.055 	
	Hotspot		H		24.00	1.426				
		_	L		24.00	1.426				
		Bottom	M		24.00	1.416	0.141			
			H		24.00	1.426				
			L		24.00	1.426				
		Left	M		24.00	1.416	0.027		0.039	
			H		24.00	1.426				
			L		24.00	1.426				
		Right	M	-	24.00	1.416	0.101			
			н		24.00	1.426				
		Left	L		24.00	1.452				
		cheek	M		24.00	1.445	0.077			
			н		24.00	1.455				
		Left	L	22.38	24.00	1.452				
		tilted	M	22.40	24.00	1.445	0.045			
	Head		н	22.37	24.00	1.455				
QPSK		Right	L	22.38	24.00	1.452				
50%RB		cheek	M	22.40	24.00	1.445	0.120			
			н	22.37	24.00	1.455				
		Right	L	22.38	24.00	1.452				
		tilted	M	22.40	24.00	1.445	0.038			
			н	22.37	24.00	1.455				
	D. I.	<b>D</b> . 1	L	22.38	24.00	1.452				
	Body-worn	Back	M	22.40	24.00	1.445	0.231		0.282 0.258 0.258 0.200 0.200 0.200 0.039 0.143 0.143 0.143 0.112 0.066 0.066 0.066 0.173 0.055 0.0334	
			Н	22.37	24.00	1.455				

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		L	22.38	24.00	1.452		 	
	Front	М	22.40	24.00	1.445	0.214	 0.309	
		Н	22.37	24.00	1.455		 	
		L	22.38	24.00	1.452		 	
	Back	М	22.40	24.00	1.445	0.231	 0.334	
		Н	22.37	24.00	1.455		 	
		L	22.38	24.00	1.452		 	
	Front	М	22.40	24.00	1.445	0.214	 0.309	
		Н	22.37	24.00	1.455		 	
		L	22.38	24.00	1.452		 	
	Тор	М	22.40	24.00	1.445		 	
U.	tonet	н	22.37	24.00	1.455		 	
пс	otspot	L	22.38	24.00	1.452		 	
	Bottom	М	22.40	24.00	1.445	0.175	 0.253	
		Н	22.37	24.00	1.455		 	
		L	22.38	24.00	1.452		 	
	Left	М	22.40	24.00	1.445	0.021	 0.030	
		Н	22.37	24.00	1.455		 	
		L	22.38	24.00	1.452		 	
	Right	М	22.40	24.00	1.445	0.115	 0.166	
		Н	22.37	24.00	1.455		 	