

SGS-CSTC Standards Technical Services Co., Ltd. Shenzhen Branch

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CA_66A-71A	Yes	CA_2A-14A-66A	No
CA_41A-41A	No	CA_2A-2A-14A	No
CA_2A-7A	Yes	CA_2A-30A-66A	No
CA_2C	Yes	CA_2A-5A-30A	No
CA_41C	No	CA_30A-66A-66A	No
CA_4A-7A	Yes	CA_4A-12A-30A	No
CA_5A-7A	Yes	CA_4A-5A-30A	No
CA_7A-12A	Yes	CA_5A-30A-66A	No
CA_7A-66A	Yes	CA_2A-4A-12A	Yes
CA_7A-7A	Yes	CA_12A-66C	No
CA_7C	Yes	CA_48A-48A-66A	No
		CA_2A-4A-71A	Yes
		CA_2A-66A-71A	Yes
		CA_66A-66A-71A	Yes
		CA_66C-71A	Yes
		CA_4A-4A-71A	No
		CA_2A-2A-71A	Yes
		CA_66A-66C	No
		CA_2C-66A	Yes
		CA_2A-48A-48A	No
		CA_2A-2A-7A	Yes
		CA_2A-4A-7A	Yes
		CA_2A-5A-7A	Yes
		CA_2A-7A-12A	Yes
		CA_2A-7A-66A	Yes
		CA_2A-7A-7A	Yes
		CA_2A-7C	Yes
		CA_4A-4A-7A	No
		CA_4A-7A-12A	No
		CA_4A-7A-7A	Yes
		CA_4A-7C	Yes
		CA_5A-7A-66A	Yes
		CA_5A-7A-7A	Yes
		CA_7A-12A-66A	No
		CA_7A-66A-66A	Yes
		CA_7A-7A-66A	Yes



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Downlink LTE CA Power

Please refer to Appendix E.

SAR test procedure for intra-band contiguous UL LTE CA is as below:

1) Maximum output power is measured for each UL CA configuration for the required test channels described in KDB 941225 D05

- UL PCC configuration is determined by the required test channel
- SCC and subsequent CCs are added alternatively to either side of the PCC or within the transmission band for channels at the ends of a frequency band.

2) SAR for UL CA is required in each exposure condition and frequency band combination

3) For this device, as the maximum output for Intra-band uplink LTE CA is $\leq$ standalone LTE mode (without CA),

- PCC is configured according to the highest standalone SAR configuration tested.
- SCC and subsequent CCs are configured according to procedures used for power measurement and parameters (BW, RB etc.) similar to that used for the PCC

4) When the reported SAR for UL CA configuration, described above, is > 1.2 W/kg, UL CA SAR is also required for all required test channels (PCC based)

5) UL CA SAR is also required for standalone SAR configurations > 1.2 W/kg when they are scaled to the UL CA power level.

6) General PCC and SCC configuration selection procedure

- PCC uplink channel, channel bandwidth, modulation and RB configurations were selected based on section C3)b)ii) of KDB 941225 D05 V01r02. All LTE bandwidth conducted powers needed for PCC uplink configuration selection can be found in appendix E. The downlink PCC channel was paired with the selected PCC uplink channel according to normal configurations without carrier aggregation.

- To maximize aggregated bandwidth, highest channel bandwidth available for that CA combination was selected for SCC. For inter-band CA, the SCC downlink channels were selected near the middle of their transmission bands. For contiguous intra-band CA, the downlink channel spacing between the component carriers was set to multiple of 300 kHz less than the nominal channel spacing defined in section 5.4.1A of 3GPP TS 36.521. For non-contiguous intra-band CA, the downlink channel spacing between the component carriers was set to be larger than the nominal channel spacing and provided maximum separation between the component carriers.

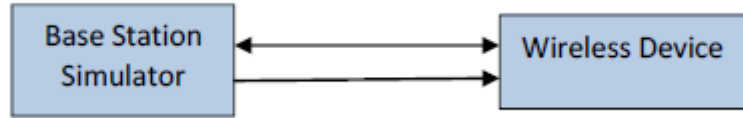
All selected PCC and SCC(s) remained fully within the uplink/downlink transmission band of the respective component carrier.



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DL CA Power Measurement Setup

c) Inter-band carrier aggregation requirements for uplink.

1. For Inter-band uplink CA mode, Qualcomm Smart Transmit algorithm in WWAN directly adds the time-averaged RF exposure from 4G(LTE) and time-averaged RF exposure from another 4G(LTE). Smart Transmit algorithm controls the total RF exposure of Inter-band uplink CA to not exceed FCC limit.

The Inter band Uplink CA as below table:

LTE Band/Antenna		B4 Ant5	B5 Ant1	B7 Ant2	B12 Ant1	B13 Ant1	B14 Ant1	B30 Ant2	B66 Ant2	B71 Ant1
B2	Ant2		√		√	√	√			√
	Ant5	√		√					√	
B4	Ant2		√		√	√				√
	Ant5			√						
B5	Ant1			√				√	√	
B7	Ant2				√					
B12	Ant1							√		
B13	Ant1								√	
B14	Ant1							√	√	
B66	Ant2									√

8.2.5 NR Band Test Configuration

- NR Band n2/n5/n7/n14/n25/n26/n30/n38/n41/n66/n70/n71/n77/n78 support SA mode and n2/n5/n7/n25/n38/n41/n66/n71/n77/n78 support NSA mode. LTE+NR Band operations are possible only with LTE under EN-DC mode and the operations are possible as following table:

Band/Antenna		NR N2		NR N5	NR N7	NR N25	NR N38	NR N41	NR N66		NR N71	NR N77		NR N78
		Ant2	Ant5	Ant1	Ant2	Ant2	Ant2	Ant2	Ant2	Ant5	Ant1	Ant3	Ant7	Ant7
LTE Band2	Ant2			√							√			
	Ant5				√		√	√	√				√	√
LTE Band4	Ant5						√	√						
LTE Band5	Ant1	√			√		√		√				√	√
LTE Band7	Ant2										√			
	Ant5	√							√				√	√
LTE Band12	Ant1	√				√		√	√				√	√
LTE Band13	Ant1								√					
LTE Band14	Ant1	√							√				√	
LTE Band30	Ant2		√	√						√		√		
LTE Band48	Ant3	√							√					
	Ant7			√										
LTE Band66	Ant2			√							√			
	Ant5	√			√	√	√	√					√	√
LTE Band71	Ant1	√					√	√	√					√

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2. The general information supported by the NR band is as following table:

Band		n2	n5	n7	n14	n25	n26	n30	n38
Modulation	DFT-s-OFDM	PI/2 BPSK	Yes	Yes	Yes	Yes	Yes	Yes	Yes
		QPSK	Yes	Yes	Yes	Yes	Yes	Yes	Yes
		16QAM	Yes	Yes	Yes	Yes	Yes	Yes	Yes
		64QAM	Yes	Yes	Yes	Yes	Yes	Yes	Yes
		256QAM	Yes	Yes	Yes	Yes	Yes	Yes	Yes
	CP-OFDM	QPSK	Yes	Yes	Yes	Yes	Yes	Yes	Yes
		16QAM	Yes	Yes	Yes	Yes	Yes	Yes	Yes
		64QAM	Yes	Yes	Yes	Yes	Yes	Yes	Yes
		256QAM	Yes	Yes	Yes	Yes	Yes	Yes	Yes
	Max Duty Cycle		100%	100%	100%	100%	100%	100%	100%

Band		n41	n48	n66	n70	n71	n77	n78
Modulation	DFT-s-OFDM	PI/2 BPSK	Yes	Yes	Yes	Yes	Yes	Yes
		QPSK	Yes	Yes	Yes	Yes	Yes	Yes
		16QAM	Yes	Yes	Yes	Yes	Yes	Yes
		64QAM	Yes	Yes	Yes	Yes	Yes	Yes
		256QAM	Yes	Yes	Yes	Yes	Yes	Yes
	CP-OFDM	QPSK	Yes	Yes	Yes	Yes	Yes	Yes
		16QAM	Yes	Yes	Yes	Yes	Yes	Yes
		64QAM	Yes	Yes	Yes	Yes	Yes	Yes
		256QAM	Yes	Yes	Yes	Yes	Yes	Yes
	Max Duty Cycle		100%	100%	100%	100%	100%	100%



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Band	SCS	Bandwidth												
		5MHz	10MHz	15MHz	20MHz	25MHz	30MHz	40MHz	50MHz	60MHz	70MHz	80MHz	90MHz	100MHz
n2	15 kHz	Yes	Yes	Yes	Yes	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
	30 kHz	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
n5	15 kHz	Yes	Yes	Yes	Yes	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
	30 kHz	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
n7	15 kHz	Yes	Yes	Yes	Yes	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
	30 kHz	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
n14	15 kHz	Yes	Yes	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
	30 kHz	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
n25	15 kHz	Yes	Yes	Yes	Yes	Yes	Yes	N/A	N/A	N/A	N/A	N/A	N/A	N/A
	30 kHz	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
n26	15 kHz	Yes	Yes	Yes	Yes	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
	30 kHz	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
n30	15 kHz	N/A	N/A	N/A	N/A	N/A	Yes	N/A	N/A	N/A	N/A	N/A	N/A	N/A
	30 kHz	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
n38	15 kHz	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
	30 kHz	N/A	N/A	N/A	Yes	N/A	Yes	Yes	N/A	N/A	N/A	N/A	N/A	N/A
n41	15 kHz	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
	30 kHz	N/A	N/A	N/A	Yes	N/A	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes
n48	15 kHz	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
	30 kHz	N/A	N/A	N/A	Yes	N/A	Yes	Yes	N/A	N/A	N/A	N/A	N/A	N/A
n66	15 kHz	Yes	Yes	Yes	Yes	Yes	Yes	N/A	N/A	N/A	N/A	N/A	N/A	N/A
	30 kHz	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
n70	15 kHz	N/A	N/A	Yes	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
	30 kHz	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
n71	15 kHz	Yes	Yes	Yes	Yes	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
	30 kHz	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
n77	15 kHz	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
	30 kHz	N/A	N/A	N/A	Yes	N/A	Yes	Yes	N/A	Yes	N/A	Yes	N/A	Yes
n78	15 kHz	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
	30 kHz	N/A	N/A	N/A	Yes	N/A	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes



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3. For 5G NR test procedure was following step similar FCC KDB 941225 D05:

- a. For DFT-OFDM and CP-OFDM output power measurement reduction, according to 3GPP 38.101 maximum power reduction for power class 3, the CP-OFDM mode will not higher than DFT-OFDM mode, therefore, similar FCC KDB 941225 D05 procedure for other modulation output power for each RB allocation configuration is $>$ not $\frac{1}{2}$ dB higher than the same configuration in DFT-QPSK and the reported SAR for the DFT-QPSK configuration is ≤ 1.45 W/kg; CP-OFDM testing is not required.
- b. For DFT-OFDM output power measurement reduction, according to 38.101 maximum power reduction for power class 3, for PI/2 BPSK/16QAM/64QAM/256QAM and smaller bandwidth output power will spot check largest channel bandwidth worst RB configuration to ensure the PI/2 BPSK/16QAM/64QAM/256QAM and smaller bandwidth output power will not $\frac{1}{2}$ dB higher than the same configuration in the largest supported bandwidth.
- c. SAR testing start with the largest SCS and largest channel bandwidth and measure SAR for QPSK with 1 RB allocation, using the RB offset and required test channel combination with the highest maximum output power for RB offsets at the upper edge, middle and lower edge of each required test channel.
- d. 50% RB allocation for QPSK SAR testing follows 1RB QPSK allocation procedure
- e. QPSK with 100% RB allocation, SAR is not required when the highest maximum output power for 100 % RB allocation is less than the highest maximum output power in 50% and 1 RB allocations and the highest reported SAR for 1 RB and 50% RB allocation are ≤ 0.8 W/kg. Otherwise, SAR is measured for the highest output power channel; and if the reported SAR is > 1.45 W/kg, the remaining required test channels must also be tested.
- f. PI/2 BPSK/16QAM/64QAM/256QAM output powers according to 3GPP MPR will not $\frac{1}{2}$ dB higher than the same configuration in QPSK, also reported SAR for the QPSK configuration is less than 1.45 W/kg, PI/2 BPSK/16QAM/64QAM/256QAM SAR testing are not required.
- g. Smaller SCS/bandwidth output power for each RB allocation configuration for this device will not $\frac{1}{2}$ dB higher than the same configuration in the largest supported bandwidth, and the reported SAR for the largest supported bandwidth is ≤ 1.45 W/kg, smaller bandwidth SAR testing is not required for this device



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4. MPR

MPR is permanently implemented for this device by the manufacturer. The specific manufacturer target MPR is indicated alongside the SAR results. MPR is enabled for this device, according to 3GPP TS 38.101-1 Section 6.2.2 under Table 6.2.2 -1.

Modulation		MPR (dB)		
		Edge RB allocations	Outer RB allocations	Inner RB allocations
DFT-s-OFDM	PI/2 BPSK	$\leq 3.5^1$	$\leq 1.2^1$	$\leq 0.2^1$
		$\leq 0.5^2$	$\leq 0.5^2$	0 ²
	QPSK	≤ 1		0
	16 QAM	≤ 2		≤ 1
	64 QAM	≤ 2.5		
CP-OFDM	256 QAM	≤ 4.5		
	QPSK	≤ 3		≤ 1.5
	16 QAM	≤ 3		≤ 2
	64 QAM	≤ 3.5		
	256 QAM	≤ 6.5		

NOTE 1: Applicable for UE operating in TDD mode with Pi/2 BPSK modulation and UE indicates support for UE capability powerBoosting-pi2BPSK and if the IE powerBoostPi2BPSK is set to 1 and 40 % or less slots in radio frame are used for UL transmission for bands n40, n41, n77, n78 and n79. The reference power of 0 dB MPR is 26dBm.

NOTE 2: Applicable for UE operating in FDD mode, or in TDD mode in bands other than n40, n41, n77, n78 and n79 with Pi/2 BPSK modulation and if the IE powerBoostPi2BPSK is set to 0 and if more than 40 % of slots in radio frame are used for UL transmission for bands n40, n41, n77, n78 and n79.

5. For FDD NR Band operation does not have the fixed UL/DL frame structure, but during the transmitting/ receiving it can be operated in the slot structure of 100% UL duty cycle, we are proposing the conservative way to evaluate SAR at 100% duty cycle. For the purpose of test NR Band standalone SAR, and also test SAR level at 100% TX duty cycle.

6. For 5G NR Sub6GHz SISO Mode, SAR Test plan as below:

1) For 5G NR NSA mode with the same UL EN_DC combination but different DL EN_DC combinations, eg: EN-DC configuration: UL DC_7A_n5 (UL two bands) with DL DC_7C_n5 (DL two bands)

a) The UL EN-DC configuration, including the Tx antenna configuration, RF path, the channel bandwidth and other operating parameters are the same.

b) The maximum output power, including tolerance, for the UL EN-DC configuration with DL two or more bands must be $\leq$ the same UL EN-DC configuration with DL two bands only to qualify for the SAR test exclusion.

7. For EN-DC mode, Qualcomm Smart Transmit algorithm in WWAN directly adds the time-averaged RF exposure from 4G(LTE) and time-averaged RF exposure from 5G NR. Smart Transmit algorithm controls the total RF exposure from both 4G and 5G NR to not exceed regulatory limit.



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9 Test Result

9.1 Measurement of RF Conducted Power

The detailed conducted power can be referred to Appendix E.

Note:

- 1) . For SAR the time based average power is relevant. The difference in between depends on the duty cycle of the TDMA signal:

No. of timeslots	1	2	3	4
Duty Cycle	1:8.3	1:4.15	1:2.77	1:2.075
Time based avg. power compared to slotted avg. power	-9.19	-6.18	-4.42	-3.17

- 2) . The frame-averaged power is linearly proportion to the slot number configured and it is linearly scaled the maximum burst-averaged power based on time slots. The calculated method is shown as below:

$$\text{Frame-averaged power} = 10 \times \log (\text{Burst-averaged power mW} \times \text{Slot used} / 8).$$

- 3) . When the maximum output power variation across the required test channels is $> \frac{1}{2}$ dB, instead of the middle channel, the highest output power channel must be used.
- 4) . According to FCC guidance, the output power with uplink CA active was measured for the high / middle / low channel configuration with the highest reported SAR for each exposure condition, the power was measured with wideband signal integration over both component carriers.
- 5) . In applying the power measurement procedures of KDB 941225 D05A for DL CA to qualify for UL SAR test exclusion, power measurement is required only for the subset in each row with the largest combination of frequency bands and CCs.
- 6) . Maximum output power measurement is required for each UL CA configuration for the required test channels described in KDB 941225 D05.
- 7) . Conducted power measurement results of downlink LTE carrier aggregation are provided to quantify downlink only carrier aggregation SAR test exclusion per KDB 941225 D05A. Uplink maximum output power is measured with downlink carrier aggregation active, using the channel with highest measured maximum output power when downlink carrier aggregation is inactive, to confirm that when downlink carrier aggregation is active uplink maximum output power remains within the specified tune-up tolerance limits and not more than $\frac{1}{4}$ dB higher than the maximum output power measured when downlink carrier aggregation inactive, therefore SAR evaluation with downlink carrier aggregation can be excluded.

The possible downlink LTE CA combinations supported by this device are as below tables per 3GPP TS 36.101 V15.4.0. The detailed conducted power measurement results of downlink LTE CA are provided in the SAR report per 3GPP TS 36.521-1 V14.4.0. According to KDB 941225 D05A, the downlink only carrier aggregation conditions for this device can be excluded from SAR testing.

The conducted power measurement results of downlink LTE CA Conducted Power are as Appendix E conducted RF output power, so the downlink only carrier aggregation conditions for this device can be excluded from SAR testing.

- 8) . For conducted power of WIFI must be measured at each transmit antenna port according to the DSSS and OFDM transmission configurations in each standalone and aggregated frequency band. For each transmission mode configuration, power must be measured for the highest and lowest channels; and at the mid-band channel(s) when there are at least 3 channels. For configurations with multiple mid-band channels, due to an even number of channels, both channels should be measured. Power

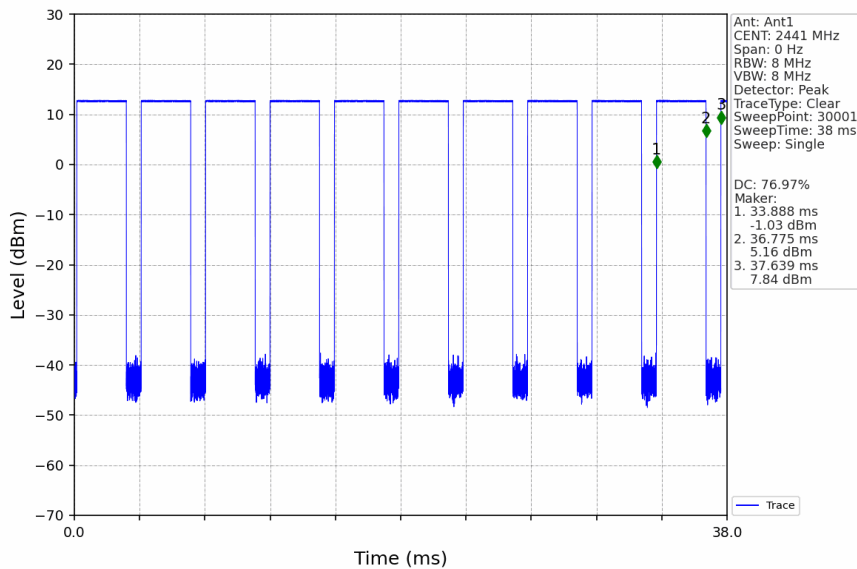


measurement is required for the transmission mode configuration with the highest maximum output power specified for production units.

1) When the same highest maximum output power specification applies to multiple transmission modes, the largest channel bandwidth configuration with the lowest order modulation and lowest data rate is measured.

2) When the same highest maximum output power is specified for multiple largest channel bandwidth configurations with the same lowest order modulation or lowest order modulation and lowest data rate, power measurement is required for all equivalent 802.11 configurations with the same maximum output power.

- 9) . The conducted power of BT is measured with RMS detector.
BT DH5 Duty Cycle=76.97%



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9.2 Measurement of SAR Data

Note:

- 1) The maximum Scaled SAR value is marked in bold. Graph results refer to Appendix B.
- 2) Per KDB447498 D04, testing of other required channels within the operating mode of a frequency band is not required when the reported 1-g or 10-g SAR for the mid-band or highest output power channel is:
 - $\leq 0.8\text{W/kg}$ for 1-g or 2.0W/kg for 10-g respectively, when the transmission band is $\leq 100\text{MHz}$.
 - $\leq 0.6\text{ W/kg}$ or 1.5 W/kg , for 1-g or 10-g respectively, when the transmission band is between 100 MHz and 200 MHz.
 - $\leq 0.4\text{ W/kg}$ or 1.0 W/kg , for 1-g or 10-g respectively, when the transmission band is $\geq 200\text{ MHz}$.

WiFi 2.4G:

- 1) When the highest reported SAR for the initial test configuration is adjusted by the ratio of the subsequent test configuration to initial test configuration specified maximum output power and the adjusted SAR is $\leq 1.2\text{ W/kg}$, SAR test for the other 802.11 modes are not required.

WiFi 5G:

- 1) When the same maximum output power is specified for both bands, begin SAR measurement in U-NII-2A band by applying the OFDM SAR requirements. As the highest reported SAR for a test configuration is $\leq 1.2\text{ W/kg}$, SAR is not required for U-NII-1 band for that configuration.
- 2) For Wi-Fi 5G, U-NII-2A (5250-5350 MHz) and U-NII-2C (5470-5725 MHz) bands does not support hotspot function.

When the highest reported SAR for the initial test configuration is adjusted by the ratio of the subsequent test configuration to initial test configuration specified maximum output power and the adjusted SAR is $\leq 1.2\text{ W/kg}$, SAR test for the other 802.11 modes are not required.

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9.2.1 SAR Result of GSM850

GSM850 SAR Test Record											
Ant 1 Test Record											
Test position	Test mode	Test ch./Freq.	Duty Cycle	SAR (W/kg) 1-g	SAR (W/kg) 10-g	Power drift (dB)	Conducted Power(dBm)	Tune up Limit(dBm)	Scaled factor	Scaled SAR 1-g (W/kg)	Liquid Temp.(°C)
Head Test Data DSI4											
Left cheek	GPRS 4TS	190/836.6	1:2.075	0.297	0.171	0.02	24.16	25.50	1.361	0.404	22.5
Left tilted	GPRS 4TS	190/836.6	1:2.075	0.254	0.148	-0.07	24.16	25.50	1.361	0.346	22.5
Right cheek	GPRS 4TS	190/836.6	1:2.075	0.381	0.234	0.08	24.16	25.50	1.361	0.519	22.5
Right tilted	GPRS 4TS	190/836.6	1:2.075	0.272	0.159	-0.01	24.16	25.50	1.361	0.370	22.5
Right cheek	GPRS 4TS	128/824.2	1:2.075	0.439	0.250	0.12	24.25	25.50	1.334	0.585	22.5
Right cheek	GPRS 4TS	251/848.8	1:2.075	0.363	0.226	0.05	24.23	25.50	1.340	0.486	22.5
Body worn&Hotspot Test data(Separate 10mm) DSI6											
Front side	GPRS 2TS	190/836.6	1:4.15	0.361	0.222	-0.19	29.27	31.00	1.489	0.538	22.5
Back side	GPRS 2TS	190/836.6	1:4.15	0.275	0.168	-0.13	29.27	31.00	1.489	0.410	22.5
Left side	GPRS 2TS	190/836.6	1:4.15	0.065	0.037	0.14	29.27	31.00	1.489	0.097	22.5
Right side	GPRS 2TS	190/836.6	1:4.15	0.116	0.077	-0.19	29.27	31.00	1.489	0.173	22.5
Top side	GPRS 2TS	190/836.6	1:4.15	0.152	0.078	-0.11	29.27	31.00	1.489	0.226	22.5
Front side	GPRS 2TS	128/824.2	1:4.15	0.336	0.207	-0.19	29.27	31.00	1.489	0.500	22.5
Front side	GPRS 2TS	251/848.8	1:4.15	0.378	0.240	-0.01	29.27	31.00	1.489	0.563	22.5

(for original report SZCR241000381012)

GSM850 SAR Test Record											
Ant 1 Test Record											
Test position	Test mode	Test ch./Freq.	Duty Cycle	SAR (W/kg) 1-g	SAR (W/kg) 10-g	Power drift (dB)	Conducted Power(dBm)	Tune up Limit(dBm)	Scaled factor	Scaled SAR 1-g (W/kg)	Liquid Temp.(°C)
Body worn&Hotspot Test data(Separate 10mm) DSI6											
Front side	GPRS 2TS	251/848.8	1:4.15	0.378	0.232	-0.02	29.27	31.00	1.489	0.563	21.9

(for new report SZCR250400159712)



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9.2.2 SAR Result of GSM1900

GSM1900 SAR Test Record											
Ant 2 Test Record											
Test position	Test mode	Test ch./Freq.	Duty Cycle	SAR (W/kg) 1-g	SAR (W/kg) 10-g	Power drift (dB)	Conducted Power(dBm)	Tune up Limit(dBm)	Scaled factor	Scaled SAR 1-g (W/kg)	Liquid Temp.(°C)
Head Test Data DSI4											
Left cheek	GPRS 4TS	661/1880	1:2.075	0.258	0.167	0.18	21.58	23.50	1.556	0.401	22.1
Left tilted	GPRS 4TS	661/1880	1:2.075	0.232	0.142	0.09	21.58	23.50	1.556	0.361	22.1
Right cheek	GPRS 4TS	661/1880	1:2.075	0.552	0.302	0.13	21.58	23.50	1.556	0.859	22.1
Right tilted	GPRS 4TS	661/1880	1:2.075	0.279	0.170	0.08	21.58	23.50	1.556	0.434	22.1
Right cheek	GPRS 4TS	512/1850.2	1:2.075	0.553	0.305	0.11	21.63	23.50	1.538	0.851	22.1
Right cheek	GPRS 4TS	810/1909.8	1:2.075	0.564	0.308	0.10	21.65	23.50	1.531	0.864	22.5
Body worn&Hotspot Test data(Separate 10mm) DSI6											
Front side	GPRS 4TS	661/1880	1:2.075	0.345	0.188	0.09	25.29	26.00	1.178	0.406	22.5
Back side	GPRS 4TS	661/1880	1:2.075	0.332	0.200	0.00	25.29	26.00	1.178	0.391	22.5
Left side	GPRS 4TS	661/1880	1:2.075	0.344	0.170	0.15	25.29	26.00	1.178	0.405	22.5
Top side	GPRS 4TS	661/1880	1:2.075	0.257	0.150	-0.03	25.29	26.00	1.178	0.303	22.5
Back side	GPRS 4TS	512/1850.2	1:2.075	0.341	0.185	0.02	25.17	26.00	1.211	0.413	22.5
Back side	GPRS 4TS	810/1909.8	1:2.075	0.346	0.198	0.11	25.28	26.00	1.180	0.408	22.5

(for original report SZCR241000381012)

GSM1900 SAR Test Record											
Ant 2 Test Record											
Test position	Test mode	Test ch./Freq.	Duty Cycle	SAR (W/kg) 1-g	SAR (W/kg) 10-g	Power drift (dB)	Conducted Power(dBm)	Tune up Limit(dBm)	Scaled factor	Scaled SAR 1-g (W/kg)	Liquid Temp.(°C)
Head Test Data DSI4											
Right cheek	GPRS 4TS	810/1909.8	1:2.075	0.442	0.237	-0.01	21.65	23.50	1.531	0.677	21.9

(for new report SZCR250400159712)



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9.2.3 SAR Result of WCDMA Band II

WB2 SAR Test Record											
Ant 2 Test Record											
Test position	Test mode	Test ch./Freq.	Duty Cycle	SAR (W/kg) 1-g	SAR (W/kg) 10-g	Power drift (dB)	Conducted Power(dBm)	Tune up Limit(dBm)	Scaled factor	Scaled SAR 1-g (W/kg)	Liquid Temp.(°C)
Head Test Data DSI4											
Left cheek	RMC	9400/1880	1:1	0.266	0.177	0.15	18.72	19.50	1.197	0.318	22.1
Left tilted	RMC	9400/1880	1:1	0.262	0.162	0.03	18.72	19.50	1.197	0.314	22.1
Right cheek	RMC	9400/1880	1:1	0.618	0.359	0.01	18.72	19.50	1.197	0.740	22.1
Right tilted	RMC	9400/1880	1:1	0.290	0.181	-0.13	18.72	19.50	1.197	0.347	22.1
Right cheek	RMC	9262/1852.4	1:1	0.554	0.330	-0.08	18.65	19.50	1.216	0.674	22.1
Right cheek	RMC	9538/1907.6	1:1	0.543	0.321	0.17	18.70	19.50	1.202	0.653	22.1
Body worn&Hotspot Test data(Separate 10mm) DSI6											
Front side	RMC	9400/1880	1:1	0.543	0.358	-0.01	23.63	25.00	1.371	0.744	22.5
Back side	RMC	9400/1880	1:1	0.537	0.333	-0.13	23.63	25.00	1.371	0.736	22.5
Left side	RMC	9400/1880	1:1	0.415	0.245	0.04	23.63	25.00	1.371	0.569	22.5
Top side	RMC	9400/1880	1:1	0.414	0.245	0.14	23.63	25.00	1.371	0.568	22.5
Front side	RMC	9262/1852.4	1:1	0.533	0.345	-0.05	23.57	25.00	1.390	0.741	22.5
Front side	RMC	9538/1907.6	1:1	0.522	0.331	0.16	23.56	25.00	1.393	0.727	22.5

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9.2.4 SAR Result of WCDMA Band IV

WB4 SAR Test Record											
Ant 2 Test Record											
Test position	Test mode	Test ch./Freq.	Duty Cycle	SAR (W/kg) 1-g	SAR (W/kg) 10-g	Power drift (dB)	Conducted Power(dBm)	Tune up Limit(dBm)	Scaled factor	Scaled SAR 1-g (W/kg)	Liquid Temp.(°C)
Head Test Data DSI4											
Left cheek	RMC	1412/1732.4	1:1	0.353	0.236	-0.09	19.06	19.50	1.107	0.391	22.1
Left tilted	RMC	1412/1732.4	1:1	0.270	0.167	0.15	19.06	19.50	1.107	0.299	22.1
Right cheek	RMC	1412/1732.4	1:1	0.724	0.430	0.01	19.06	19.50	1.107	0.801	22.1
Right tilted	RMC	1412/1732.4	1:1	0.417	0.246	-0.09	19.06	19.50	1.107	0.461	22.1
Right cheek	RMC	1312/1712.4	1:1	0.680	0.412	-0.06	19.04	19.50	1.112	0.756	22.1
Right cheek	RMC	1513/1752.6	1:1	0.685	0.418	-0.10	18.96	19.50	1.132	0.776	22.1
Body worn&Hotspot Test data(Separate 10mm) DSI6											
Front side	RMC	1412/1732.4	1:1	0.577	0.360	0.18	23.64	24.50	1.219	0.703	22.5
Back side	RMC	1412/1732.4	1:1	0.694	0.408	-0.08	23.64	24.50	1.219	0.846	22.5
Left side	RMC	1412/1732.4	1:1	0.634	0.359	-0.17	23.64	24.50	1.219	0.773	22.5
Top side	RMC	1412/1732.4	1:1	0.491	0.271	0.18	23.64	24.50	1.219	0.599	22.5
Back side	RMC	1312/1712.4	1:1	0.483	0.286	-0.09	23.61	24.50	1.227	0.593	22.5
Back side	RMC	1513/1752.6	1:1	0.605	0.363	-0.11	23.63	24.50	1.222	0.739	22.5

(for original report SZCR241000381012)

WB4 SAR Test Record											
Ant 2 Test Record											
Test position	Test mode	Test ch./Freq.	Duty Cycle	SAR (W/kg) 1-g	SAR (W/kg) 10-g	Power drift (dB)	Conducted Power(dBm)	Tune up Limit(dBm)	Scaled factor	Scaled SAR 1-g (W/kg)	Liquid Temp.(°C)
Body worn&Hotspot Test data(Separate 10mm) DSI6											
Back side	RMC	1412/1732.4	1:1	0.598	0.335	0.01	23.64	24.50	1.219	0.729	22.4

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9.2.5 SAR Result of WCDMA Band V

WB5 SAR Test Record											
Ant 1 Test Record											
Test position	Test mode	Test ch./Freq.	Duty Cycle	SAR (W/kg) 1-g	SAR (W/kg) 10-g	Power drift (dB)	Conducted Power(dBm)	Tune up Limit(dBm)	Scaled factor	Scaled SAR 1-g (W/kg)	Liquid Temp.(°C)
Head Test Data DSI4											
Left cheek	RMC	4182/836.4	1:1	0.594	0.358	0.00	22.32	23.00	1.169	0.695	22.1
Left tilted	RMC	4182/836.4	1:1	0.501	0.295	0.14	22.32	23.00	1.169	0.586	22.1
Right cheek	RMC	4182/836.4	1:1	0.806	0.499	-0.09	22.32	23.00	1.169	0.943	22.1
Right tilted	RMC	4182/836.4	1:1	0.599	0.360	-0.09	22.32	23.00	1.169	0.701	22.1
Right cheek	RMC	4132/826.4	1:1	0.878	0.528	-0.01	22.32	23.00	1.169	1.027	22.1
Right cheek	RMC	4233/846.6	1:1	0.756	0.468	-0.07	22.21	23.00	1.199	0.907	22.1
Right cheek with Repeat	RMC	4132/826.4	1:1	0.872	0.524	0.08	22.32	23.00	1.169	1.020	22.1
Body worn&Hotspot Test data(Separate 10mm) DSI6											
Front side	RMC	4182/836.4	1:1	0.739	0.467	-0.08	24.68	25.00	1.076	0.796	22.5
Back side	RMC	4182/836.4	1:1	0.419	0.261	-0.05	24.68	25.00	1.076	0.451	22.5
Left side	RMC	4182/836.4	1:1	0.105	0.061	0.04	24.68	25.00	1.076	0.113	22.5
Right side	RMC	4182/836.4	1:1	0.201	0.133	0.17	24.68	25.00	1.076	0.216	22.5
Top side	RMC	4182/836.4	1:1	0.361	0.177	0.08	24.68	25.00	1.076	0.389	22.5
Front side	RMC	4132/826.4	1:1	0.712	0.433	-0.04	24.65	25.00	1.084	0.772	22.5
Front side	RMC	4233/846.6	1:1	0.689	0.442	0.05	24.67	25.00	1.079	0.743	22.5

Test Position	Channel/ Frequency	Measured SAR (1g)	1 st Repeated	Ratio	2 nd Repeated	3 rd Repeated
	(MHz)		SAR (1g)		SAR (1g)	SAR (1g)
Right cheek	4132/826.4	0.878	0.872	1.01	N/A	N/A

Note: 1) When the original highest measured SAR is ≥ 0.80 W/kg, the measurement was repeated once.
2) A second repeated measurement was preformed only if the ratio of largest to smallest SAR for the original and first repeated measurements was > 1.20 or when the original or repeated measurement was ≥ 1.45 W/kg ($\sim 10\%$ from the 1-g SAR limit).
3) A third repeated measurement was preformed only if the original, first or second repeated measurement was ≥ 1.5 W/kg and the ratio of largest to smallest SAR for the original, first and second repeated measurements is > 1.20 .
4) Repeated measurements are not required when the original highest measured SAR is < 0.80 W/kg
5) The same procedures should be adapted for measurements according to extremity and occupational exposure limits by applying a factor of 2.5 for extremity exposure and a factor of 5 for occupational exposure to the corresponding SAR thresholds. The repeated measurement results must be clearly identified in the SAR report.

(for original report SZCR241000381012)



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WB5 SAR Test Record											
Ant 1 Test Record											
Test position	Test mode	Test ch./Freq.	Duty Cycle	SAR (W/kg) 1-g	SAR (W/kg) 10-g	Power drift (dB)	Conducted Power(dBm)	Tune up Limit(dBm)	Scaled factor	Scaled SAR 1-g (W/kg)	Liquid Temp.(°C)
Head Test Data DSI4											
Right cheek	RMC	4132/826.4	1:1	0.722	0.410	0.01	22.32	23.00	1.169	0.844	21.9

(for new report SZCR250400159712)



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9.2.6 SAR Result of LTE Band 7

LTE Band 7 SAR Test Record												
Ant 2 Test Record												
Test position	BW.	Test mode	Test ch./Freq.	Duty Cycle	SAR (W/kg) 1-g	SAR (W/kg) 10-g	Power drift (dB)	Conducted Power(dBm)	Tune up Limit(dBm)	Scaled factor	Scaled SAR 1-g (W/kg)	Liquid Temp.(°C)
Head Test Data (1RB) DSI4												
Left cheek	20	QPSK 1_0	20850/2510	1:1	0.224	0.129	-0.03	16.06	16.50	1.107	0.248	22.1
Left tilted	20	QPSK 1_0	20850/2510	1:1	0.105	0.060	-0.08	16.06	16.50	1.107	0.116	22.1
Right cheek	20	QPSK 1_0	20850/2510	1:1	0.851	0.400	0.00	16.06	16.50	1.107	0.942	22.1
Right tilted	20	QPSK 1_0	20850/2510	1:1	0.364	0.179	0.16	16.06	16.50	1.107	0.403	22.1
Right cheek	20	QPSK 1_0	21100/2535	1:1	0.873	0.405	0.08	15.91	16.50	1.146	1.000	22.1
Right cheek	20	QPSK 1_0	21350/2560	1:1	0.942	0.392	0.17	15.83	16.50	1.167	1.099	22.1
Head Test Data (50%RB) DSI4												
Left cheek	20	QPSK 50_50	21350/2560	1:1	0.202	0.112	-0.01	16.21	16.50	1.069	0.216	22.1
Left tilted	20	QPSK 50_50	21350/2560	1:1	0.095	0.054	0.00	16.21	16.50	1.069	0.102	22.1
Right cheek	20	QPSK 50_50	21350/2560	1:1	0.832	0.385	-0.06	16.21	16.50	1.069	0.889	22.1
Right tilted	20	QPSK 50_50	21350/2560	1:1	0.266	0.132	-0.06	16.21	16.50	1.069	0.284	22.1
Right cheek	20	QPSK 50_0	20850/2510	1:1	0.855	0.389	0.16	16.20	16.50	1.072	0.916	22.1
Right cheek	20	QPSK 50_0	21100/2535	1:1	0.875	0.402	-0.13	15.90	16.50	1.148	1.005	22.1
Head Test Data (100%RB) DSI4												
Right cheek	20	QPSK 100_0	20850/2510	1:1	0.859	0.375	-0.10	16.02	16.50	1.117	0.959	22.1
Body worn&Hotspot Test data (Separate 10mm 1RB) Sensor on DSI1												
Front side	20	QPSK 1_99	20850/2510	1:1	0.298	0.155	-0.13	19.17	19.50	1.079	0.322	22.1
Back side	20	QPSK 1_99	20850/2510	1:1	0.350	0.170	0.09	19.17	19.50	1.079	0.378	22.1
Left side	20	QPSK 1_99	20850/2510	1:1	0.574	0.254	-0.18	19.17	19.50	1.079	0.619	22.1
Top side	20	QPSK 1_99	20850/2510	1:1	0.081	0.042	0.03	19.17	19.50	1.079	0.087	22.1
Left side	20	QPSK 1_50	21100/2535	1:1	0.648	0.285	-0.11	19.00	19.50	1.122	0.727	22.1
Left side	20	QPSK 1_0	21350/2560	1:1	0.804	0.373	-0.05	19.14	19.50	1.086	0.873	22.1
Body worn&Hotspot Test data (Separate 10mm 50%RB) Sensor on DSI1												
Front side	20	QPSK 50_0	20850/2510	1:1	0.253	0.129	0.12	19.22	19.50	1.067	0.270	22.1
Back side	20	QPSK 50_0	20850/2510	1:1	0.285	0.142	0.09	19.22	19.50	1.067	0.304	22.1
Left side	20	QPSK 50_0	20850/2510	1:1	0.688	0.305	0.11	19.22	19.50	1.067	0.734	22.1
Top side	20	QPSK 50_0	20850/2510	1:1	0.071	0.036	0.11	19.22	19.50	1.067	0.076	22.1
Body worn&Hotspot Test data (Separate 10mm 100%RB) Sensor on DSI1												
Left side	20	QPSK 100_0	20850/2510	1:1	0.692	0.315	-0.02	19.24	19.50	1.062	0.735	22.1
Body worn&Hotspot Test data 1RB Sensor off DSI6												
Front side with 15mm	20	QPSK 1_99	20850/2510	1:1	0.464	0.232	-0.05	23.42	24.50	1.282	0.595	22.3
Back side with 15mm	20	QPSK 1_99	20850/2510	1:1	0.574	0.297	-0.14	23.42	24.50	1.282	0.736	22.3
Left side with 19mm	20	QPSK 1_99	20850/2510	1:1	0.648	0.348	0.08	23.42	24.50	1.282	0.831	22.3
Top side with 10mm	20	QPSK 1_99	20850/2510	1:1	0.261	0.136	0.15	23.42	24.50	1.282	0.335	22.3
Left side with 19mm	20	QPSK 1_50	21100/2535	1:1	0.776	0.413	-0.19	23.36	24.50	1.300	1.009	22.3
Left side with 19mm	20	QPSK 1_99	21350/2560	1:1	0.856	0.445	0.03	23.38	24.50	1.294	1.108	22.3
Left side with 19mm with Repeat	20	QPSK 1_99	21350/2560	1:1	0.851	0.442	0.02	23.38	24.50	1.294	1.101	22.3



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Body worn&Hotspot Test data 50%RB Sensor off DS16												
Front side with 15mm	20	QPSK 50_0	20850/2510	1:1	0.423	0.225	-0.14	22.54	23.50	1.247	0.528	22.3
Back side with 15mm	20	QPSK 50_0	20850/2510	1:1	0.471	0.242	0.05	22.54	23.50	1.247	0.588	22.3
Left side with 19mm	20	QPSK 50_0	20850/2510	1:1	0.633	0.325	0.07	22.54	23.50	1.247	0.790	22.3
Top side with 10mm	20	QPSK 50_0	20850/2510	1:1	0.210	0.108	-0.16	22.54	23.50	1.247	0.262	22.3
Body worn&Hotspot Test data 100%RB Sensor off DS16												
Left side with 19mm	20	QPSK 100_0	20850/2510	1:1	0.624	0.331	-0.02	22.50	23.50	1.259	0.786	22.3
Test position	BW.	Test mode	Test Ch./Freq.	Duty Cycle	SAR (W/kg)1-g	SAR (W/kg)10-g	Power Drift(dB)	Conducted power(dBm)	Tune up Limit(dBm)	Scaled factor	Scaled 10-g SAR(W/kg)	Liquid Temp.
Product specific 10g SAR Test data (Sensor on Separate 0mm 1RB) DS11												
Left side	20	QPSK 1_99	20850/2510	1:1	7.070	2.250	-0.09	19.17	19.50	1.079	2.428	22.3
Left side	20	QPSK 1_50	21100/2535	1:1	7.660	2.440	0.16	19.00	19.50	1.122	2.738	22.3
Left side	20	QPSK 1_0	21350/2560	1:1	8.230	2.620	-0.05	19.14	19.50	1.086	2.846	22.3
Product specific 10g SAR Test data (Sensor on Separate 0mm 50%RB) DS11												
Left side	20	QPSK 50_0	20850/2510	1:1	6.860	2.170	0.03	19.22	19.50	1.067	2.315	22.3
Left side	20	QPSK 50_50	21100/2535	1:1	7.940	2.530	-0.15	19.05	19.50	1.109	2.806	22.3
Left side	20	QPSK 50_25	21350/2560	1:1	8.740	2.930	0.07	19.17	19.50	1.079	3.161	22.3
Left side with Repeat	20	QPSK 50_25	21350/2560	1:1	8.730	2.930	0.03	19.17	19.50	1.079	3.161	22.3
Product specific 10g SAR Test data (Sensor on Separate 0mm 100%RB) DS11												
Left side	20	QPSK 100_0	20850/2510	1:1	8.270	2.850	-0.11	19.24	19.50	1.062	3.026	22.3
Product specific 10g SAR Test data (Sensor off 1RB) DS16												
Left side with 19mm	20	QPSK 1_99	20850/2510	1:1	0.648	0.348	0.08	23.42	24.50	1.282	0.446	22.3
Product specific 10g SAR Test data (Sensor off 50%RB) DS16												
Left side with 19mm	20	QPSK 50_0	20850/2510	1:1	0.633	0.325	0.07	22.54	23.50	1.247	0.405	22.3
Ant 5 Test Record												
Test position	BW.	Test mode	Test ch./Freq.	Duty Cycle	SAR (W/kg) 1-g	SAR (W/kg) 10-g	Power drift (dB)	Conducted Power(dBm)	Tune up Limit(dBm)	Scaled factor	Scaled SAR 1-g (W/kg)	Liquid Temp.(°C)
Head Test Data (1RB) DS14												
Left cheek	20	QPSK 1_99	21100/2535	1:1	0.528	0.315	-0.13	24.17	25.00	1.211	0.639	22.1
Left tilted	20	QPSK 1_99	21100/2535	1:1	0.179	0.094	0.16	24.17	25.00	1.211	0.217	22.1
Right cheek	20	QPSK 1_99	21100/2535	1:1	0.317	0.169	0.04	24.17	25.00	1.211	0.384	22.1
Right tilted	20	QPSK 1_99	21100/2535	1:1	0.298	0.154	0.19	24.17	25.00	1.211	0.361	22.1
Left cheek	20	QPSK 1_0	20850/2510	1:1	0.634	0.346	0.03	24.14	25.00	1.219	0.773	22.1
Left cheek	20	QPSK 1_99	21350/2560	1:1	0.377	0.188	0.03	24.12	25.00	1.225	0.462	22.1
Head Test Data (50%RB) DS14												
Left cheek	20	QPSK 50_25	21350/2560	1:1	0.425	0.212	-0.18	22.71	24.00	1.346	0.572	22.1
Left tilted	20	QPSK 50_25	21350/2560	1:1	0.175	0.092	-0.07	22.71	24.00	1.346	0.236	22.1
Right cheek	20	QPSK 50_25	21350/2560	1:1	0.312	0.165	-0.12	22.71	24.00	1.346	0.420	22.1
Right tilted	20	QPSK 50_25	21350/2560	1:1	0.295	0.156	0.06	22.71	24.00	1.346	0.397	22.1
Left cheek	20	QPSK 50_25	20850/2510	1:1	0.523	0.335	0.14	22.68	24.00	1.355	0.709	22.1
Left cheek	20	QPSK 50_25	21100/2535	1:1	0.522	0.312	-0.05	22.65	24.00	1.365	0.712	22.1
Body worn&Hotspot Test data (Separate 10mm 1RB) DS16												
Front side	20	QPSK 1_99	21100/2535	1:1	0.626	0.325	0.15	24.17	25.00	1.211	0.758	22.4
Back side	20	QPSK 1_99	21100/2535	1:1	0.701	0.393	-0.08	24.17	25.00	1.211	0.849	22.4
Left side	20	QPSK 1_99	21100/2535	1:1	0.686	0.339	-0.14	24.17	25.00	1.211	0.830	22.4



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Bottom side	20	QPSK 1_99	21100/2535	1:1	0.218	0.117	0.05	24.17	25.00	1.211	0.264	22.4
Back side	20	QPSK 1_0	20850/2510	1:1	0.512	0.267	0.13	24.14	25.00	1.219	0.624	22.4
Back side	20	QPSK 1_99	21350/2560	1:1	0.556	0.296	-0.18	24.12	25.00	1.225	0.681	22.4
Left side	20	QPSK 1_0	20850/2510	1:1	0.521	0.265	-0.14	24.14	25.00	1.219	0.635	22.4
Left side	20	QPSK 1_99	21350/2560	1:1	0.487	0.244	-0.19	24.12	25.00	1.225	0.596	22.4
Body worn&Hotspot Test data (Separate 10mm 50%RB) DSI6												
Front side	20	QPSK 50_25	21350/2560	1:1	0.494	0.263	0.01	22.71	24.00	1.346	0.665	22.4
Back side	20	QPSK 50_25	21350/2560	1:1	0.595	0.312	0.09	22.71	24.00	1.346	0.801	22.4
Left side	20	QPSK 50_25	21350/2560	1:1	0.605	0.303	0.08	22.71	24.00	1.346	0.814	22.4
Bottom side	20	QPSK 50_25	21350/2560	1:1	0.170	0.091	0.18	22.71	24.00	1.346	0.229	22.4
Back side	20	QPSK 50_25	20850/2510	1:1	0.397	0.214	0.00	22.68	24.00	1.355	0.538	22.4
Back side	20	QPSK 50_25	21100/2535	1:1	0.545	0.282	-0.11	22.65	24.00	1.365	0.744	22.4
Left side	20	QPSK 50_25	20850/2510	1:1	0.395	0.198	0.10	22.68	24.00	1.355	0.535	22.4
Left side	20	QPSK 50_25	21100/2535	1:1	0.456	0.229	0.17	22.65	24.00	1.365	0.622	22.4
Body worn&Hotspot Test data (Separate 10mm 100%RB) DSI6												
Back side	20	QPSK 100_0	20850/2510	1:1	0.402	0.216	-0.09	22.68	24.00	1.355	0.545	22.4
Left side	20	QPSK 100_0	20850/2510	1:1	0.426	0.215	0.11	22.68	24.00	1.355	0.577	22.4

Test Position	Channel/ Frequency (MHz)	Measured SAR (1g)	1 st Repeated	Ratio	2 nd Repeated	3 rd Repeated
			SAR (1g)		SAR (1g)	SAR (1g)
Left side with 19mm	21350/2560	0.856	0.851	1.01	N/A	N/A

Note: 1) When the original highest measured SAR is ≥ 0.80 W/kg, the measurement was repeated once.
2) A second repeated measurement was preformed only if the ratio of largest to smallest SAR for the original and first repeated measurements was > 1.20 or when the original or repeated measurement was ≥ 1.45 W/kg ($\sim 10\%$ from the 1-g SAR limit).
3) A third repeated measurement was preformed only if the original, first or second repeated measurement was ≥ 1.5 W/kg and the ratio of largest to smallest SAR for the original, first and second repeated measurements is > 1.20 .
4) Repeated measurements are not required when the original highest measured SAR is < 0.80 W/kg
5) The same procedures should be adapted for measurements according to extremity and occupational exposure limits by applying a factor of 2.5 for extremity exposure and a factor of 5 for occupational exposure to the corresponding SAR thresholds. The repeated measurement results must be clearly identified in the SAR report.

Test Position	Channel/ Frequency (MHz)	Measured SAR (10g)	1 st Repeated	Ratio	2 nd Repeated	3 rd Repeated
			SAR (10g)		SAR (1g)	SAR (1g)
Left side	21350/2560	2.930	2.930	1.00	N/A	N/A

Note: 1) When the original highest measured SAR is ≥ 0.80 W/kg, the measurement was repeated once.
2) A second repeated measurement was preformed only if the ratio of largest to smallest SAR for the original and first repeated measurements was > 1.20 or when the original or repeated measurement was ≥ 1.45 W/kg ($\sim 10\%$ from the 1-g SAR limit).
3) A third repeated measurement was preformed only if the original, first or second repeated measurement was ≥ 1.5 W/kg and the ratio of largest to smallest SAR for the original, first and second repeated measurements is > 1.20 .
4) Repeated measurements are not required when the original highest measured SAR is < 0.80 W/kg
5) The same procedures should be adapted for measurements according to extremity and occupational exposure limits by applying a factor of 2.5 for extremity exposure and a factor of 5 for occupational exposure to the corresponding SAR thresholds. The repeated measurement results must be clearly identified in the SAR report.

(for original report SZCR241000381012)



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LTE Band 7 SAR Test Record												
Ant 2 Test Record												
Test position	BW.	Test mode	Test ch./Freq.	Duty Cycle	SAR (W/kg) 1-g	SAR (W/kg) 10-g	Power drift (dB)	Conducted Power(dBm)	Tune up Limit(dBm)	Scaled factor	Scaled SAR 1-g (W/kg)	Liquid Temp.(°C)
Body worn&Hotspot Test data 1RB Sensor off DSI6												
Left side with 19mm	20	QPSK 1_99	21350/2560	1:1	0.848	0.439	-0.08	23.38	24.50	1.294	1.097	21.9
Test position	BW.	Test mode	Test Ch./Freq.	Duty Cycle	SAR (W/kg)1-g	SAR (W/kg)10-g	Power Drift(dB)	Conducted power(dBm)	Tune up Limit(dBm)	Scaled factor	Scaled 10-g SAR(W/kg)	Liquid Temp.
Product specific 10g SAR Test data (Sensor on Separate 0mm 50%RB) DSI1												
Left side	20	QPSK 50_25	21350/2560	1:1	6.300	2.140	-0.03	19.17	19.50	1.079	2.309	21.9

(for new report SZCR250400159712)



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9.2.7 SAR Result of LTE Band 12

LTE Band 12 SAR Test Record												
Ant 1 Test Record												
Test position	BW.	Test mode	Test ch./Freq.	Duty Cycle	SAR (W/kg) 1-g	SAR (W/kg) 10-g	Power drift (dB)	Conducted Power(dBm)	Tune up Limit(dBm)	Scaled factor	Scaled SAR 1-g (W/kg)	Liquid Temp.(°C)
Head Test Data (1RB) DSI4												
Left cheek	10	QPSK 1_25	23130/711	1:1	0.754	0.445	-0.03	21.92	23.00	1.282	0.967	22.1
Left tilted	10	QPSK 1_25	23130/711	1:1	0.603	0.347	-0.09	21.92	23.00	1.282	0.773	22.1
Right cheek	10	QPSK 1_25	23130/711	1:1	0.816	0.519	-0.02	21.92	23.00	1.282	1.046	22.1
Right tilted	10	QPSK 1_25	23130/711	1:1	0.556	0.334	0.04	21.92	23.00	1.282	0.713	22.1
Left cheek	10	QPSK 1_25	23060/704	1:1	0.756	0.457	-0.12	21.90	23.00	1.288	0.974	22.1
Left cheek	10	QPSK 1_25	23095/707.5	1:1	0.672	0.428	0.16	21.86	23.00	1.300	0.874	22.1
Right cheek	10	QPSK 1_25	23060/704	1:1	0.889	0.538	0.01	21.90	23.00	1.288	1.145	22.1
Right cheek	10	QPSK 1_25	23095/707.5	1:1	0.790	0.503	-0.15	21.86	23.00	1.300	1.027	22.1
Right cheek with Repeat	10	QPSK 1_25	23060/704	1:1	0.884	0.537	0.03	21.90	23.00	1.288	1.139	22.1
Head Test Data (50%RB) DSI4												
Left cheek	10	QPSK 25_25	23060/704	1:1	0.737	0.433	0.19	21.97	23.00	1.268	0.934	22.1
Left tilted	10	QPSK 25_25	23060/704	1:1	0.605	0.348	0.13	21.97	23.00	1.268	0.767	22.1
Right cheek	10	QPSK 25_25	23060/704	1:1	0.742	0.471	0.00	21.97	23.00	1.268	0.941	22.1
Right tilted	10	QPSK 25_25	23060/704	1:1	0.505	0.306	-0.08	21.97	23.00	1.268	0.640	22.1
Left cheek	10	QPSK 25_13	23095/707.5	1:1	0.718	0.434	-0.17	21.94	23.00	1.276	0.916	22.1
Left cheek	10	QPSK 25_13	23130/711	1:1	0.638	0.407	-0.11	21.96	23.00	1.271	0.811	22.1
Right cheek	10	QPSK 25_13	23095/707.5	1:1	0.845	0.511	-0.14	21.94	23.00	1.276	1.079	22.1
Right cheek	10	QPSK 25_13	23130/711	1:1	0.751	0.478	-0.19	21.96	23.00	1.271	0.954	22.1
Head Test Data (50%RB) DSI4												
Left cheek	10	QPSK 50_0	23060/704	1:1	0.728	0.426	0.19	21.99	23.00	1.262	0.919	22.1
Right cheek	10	QPSK 50_0	23060/704	1:1	0.842	0.501	-0.02	21.99	23.00	1.262	1.062	22.1
Body worn&Hotspot Test data (Separate 10mm 1RB) DSI6												
Front side	10	QPSK 1_25	23130/711	1:1	0.412	0.284	-0.17	24.46	25.00	1.132	0.467	22.3
Back side	10	QPSK 1_25	23130/711	1:1	0.443	0.297	0.13	24.46	25.00	1.132	0.502	22.3
Left side	10	QPSK 1_25	23130/711	1:1	0.144	0.097	0.17	24.46	25.00	1.132	0.163	22.3
Right side	10	QPSK 1_25	23130/711	1:1	0.287	0.195	-0.18	24.46	25.00	1.132	0.325	22.3
Top side	10	QPSK 1_25	23130/711	1:1	0.322	0.153	-0.15	24.46	25.00	1.132	0.365	22.3
Back side	10	QPSK 1_25	23060/704	1:1	0.406	0.277	-0.13	24.42	25.00	1.143	0.464	22.3
Back side	10	QPSK 1_49	23095/707.5	1:1	0.503	0.371	-0.07	24.37	25.00	1.156	0.582	22.3
Body worn&Hotspot Test data (Separate 10mm 50%RB) DSI6												
Front side	10	QPSK 25_25	23060/704	1:1	0.347	0.233	0.02	23.49	24.00	1.125	0.390	22.3
Back side	10	QPSK 25_25	23060/704	1:1	0.333	0.227	-0.13	23.49	24.00	1.125	0.374	22.3
Left side	10	QPSK 25_25	23060/704	1:1	0.110	0.074	0.18	23.49	24.00	1.125	0.124	22.3
Right side	10	QPSK 25_25	23060/704	1:1	0.209	0.141	0.18	23.49	24.00	1.125	0.235	22.3
Top side	10	QPSK 25_25	23060/704	1:1	0.227	0.117	-0.16	23.49	24.00	1.125	0.255	22.3



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Test Position	Channel/ Frequency	Measured SAR (1g)	1 st Repeated	Ratio	2 nd Repeated	3 rd Repeated
	(MHz)		SAR (1g)		SAR (1g)	SAR (1g)
Right cheek	23060/704	0.889	0.884	1.01	N/A	N/A

- Note: 1) When the original highest measured SAR is ≥ 0.80 W/kg, the measurement was repeated once.
- 2) A second repeated measurement was performed only if the ratio of largest to smallest SAR for the original and first repeated measurements was > 1.20 or when the original or repeated measurement was ≥ 1.45 W/kg ($\sim 10\%$ from the 1-g SAR limit).
- 3) A third repeated measurement was performed only if the original, first or second repeated measurement was ≥ 1.5 W/kg and the ratio of largest to smallest SAR for the original, first and second repeated measurements is > 1.20 .
- 4) Repeated measurements are not required when the original highest measured SAR is < 0.80 W/kg
- 5) The same procedures should be adapted for measurements according to extremity and occupational exposure limits by applying a factor of 2.5 for extremity exposure and a factor of 5 for occupational exposure to the corresponding SAR thresholds. The repeated measurement results must be clearly identified in the SAR report.

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9.2.8 SAR Result of LTE Band 13

LTE Band 13 SAR Test Record												
Ant 1 Test Record												
Test position	BW	Test mode	Test ch./Freq.	Duty Cycle	SAR (W/kg) 1-g	SAR (W/kg) 10-g	Power drift (dB)	Conducted Power(dBm)	Tune up Limit(dBm)	Scaled factor	Scaled SAR 1-g (W/kg)	Liquid Temp.(°C)
Head Test Data (1RB) DSI4												
Left cheek	10	QPSK 1_0	23230/782	1:1	0.634	0.381	0.16	22.56	23.50	1.242	0.787	22.1
Left tilted	10	QPSK 1_0	23230/782	1:1	0.509	0.300	0.04	22.56	23.50	1.242	0.632	22.1
Right cheek	10	QPSK 1_0	23230/782	1:1	0.960	0.566	-0.01	22.56	23.50	1.242	1.192	22.1
Right tilted	10	QPSK 1_0	23230/782	1:1	0.539	0.325	0.07	22.56	23.50	1.242	0.669	22.1
Right cheek with Repeat	10	QPSK 1_0	23230/782	1:1	0.944	0.559	-0.14	22.56	23.50	1.242	1.172	22.1
Head Test Data (50%RB) DSI4												
Left cheek	10	QPSK 25_0	23230/782	1:1	0.632	0.364	0.16	22.49	23.50	1.262	0.797	22.1
Left tilted	10	QPSK 25_0	23230/782	1:1	0.473	0.278	0.11	22.49	23.50	1.262	0.597	22.1
Right cheek	10	QPSK 25_0	23230/782	1:1	0.835	0.533	0.14	22.49	23.50	1.262	1.054	22.1
Right tilted	10	QPSK 25_0	23230/782	1:1	0.455	0.277	-0.09	22.49	23.50	1.262	0.574	22.1
Head Test Data (100%RB) DSI4												
Right cheek	10	QPSK 50_0	23230/782	1:1	0.802	0.502	-0.05	22.31	23.50	1.315	1.055	22.1
Body worn&Hotspot Test data (Separate 10mm 1RB) DSI6												
Front side	10	QPSK 1_0	23230/782	1:1	0.644	0.393	0.07	24.38	25.00	1.153	0.743	22.3
Back side	10	QPSK 1_0	23230/782	1:1	0.456	0.306	-0.12	24.38	25.00	1.153	0.526	22.3
Left side	10	QPSK 1_0	23230/782	1:1	0.085	0.049	0.08	24.38	25.00	1.153	0.098	22.3
Right side	10	QPSK 1_0	23230/782	1:1	0.200	0.134	-0.02	24.38	25.00	1.153	0.231	22.3
Top side	10	QPSK 1_0	23230/782	1:1	0.295	0.154	0.00	24.38	25.00	1.153	0.340	22.3
Body worn&Hotspot Test data (Separate 10mm 50%RB) DSI6												
Front side	10	QPSK 25_0	23230/782	1:1	0.394	0.254	0.16	23.33	24.00	1.167	0.460	22.3
Back side	10	QPSK 25_0	23230/782	1:1	0.378	0.252	0.00	23.33	24.00	1.167	0.441	22.3
Left side	10	QPSK 25_0	23230/782	1:1	0.073	0.041	-0.16	23.33	24.00	1.167	0.085	22.3
Right side	10	QPSK 25_0	23230/782	1:1	0.183	0.124	-0.11	23.33	24.00	1.167	0.214	22.3
Top side	10	QPSK 25_0	23230/782	1:1	0.263	0.121	-0.11	23.33	24.00	1.167	0.307	22.3

Test Position	Channel/ Frequency	Measured SAR (1g)	1 st Repeated	Ratio	2 nd Repeated	3 rd Repeated
	(MHz)		SAR (1g)		SAR (1g)	SAR (1g)
Right cheek	23230/782	0.960	0.944	1.02	N/A	N/A

Note: 1) When the original highest measured SAR is ≥ 0.80 W/kg, the measurement was repeated once.

2) A second repeated measurement was performed only if the ratio of largest to smallest SAR for the original and first repeated measurements was > 1.20 or when the original or repeated measurement was ≥ 1.45 W/kg ($\sim 10\%$ from the 1-g SAR limit).

3) A third repeated measurement was performed only if the original, first or second repeated measurement was ≥ 1.5 W/kg and the ratio of largest to smallest SAR for the original, first and second repeated measurements is > 1.20 .

4) Repeated measurements are not required when the original highest measured SAR is < 0.80 W/kg

5) The same procedures should be adapted for measurements according to extremity and occupational exposure limits by applying a factor of 2.5 for extremity exposure and a factor of 5 for occupational exposure to the corresponding SAR thresholds. The repeated measurement results must be clearly identified in the SAR report.

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LTE Band 13 SAR Test Record												
Ant 1 Test Record												
Test position	BW	Test mode	Test ch./Freq.	Duty Cycle	SAR (W/kg) 1-g	SAR (W/kg) 10-g	Power drift (dB)	Conducted Power(dBm)	Tune up Limit(dBm)	Scaled factor	Scaled SAR 1-g (W/kg)	Liquid Temp.(°C)
Head Test Data (1RB) DSI4												
Right cheek	10	QPSK 1_0	23230/782	1:1	0.868	0.488	0.02	22.56	23.50	1.242	1.078	21.9

(for new report SZCR250400159712)



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Member of the SGS Group (SGS SA)

9.2.9 SAR Result of LTE Band 14

LTE Band 14 SAR Test Record												
Ant 1 Test Record												
Test position	BW.	Test mode	Test ch./Freq.	Duty Cycle	SAR (W/kg) 1-g	SAR (W/kg) 10-g	Power drift (dB)	Conducted Power(dBm)	Tune up Limit(dBm)	Scaled factor	Scaled SAR 1-g (W/kg)	Liquid Temp.(°C)
Head Test Data (1RB) DSI4												
Left cheek	10	QPSK 1_0	23330/793	1:1	0.785	0.512	-0.15	22.55	23.50	1.245	0.977	22.1
Left tilted	10	QPSK 1_0	23330/793	1:1	0.658	0.394	-0.04	22.55	23.50	1.245	0.819	22.1
Right cheek	10	QPSK 1_0	23330/793	1:1	0.955	0.544	0.10	22.55	23.50	1.245	1.189	22.1
Right tilted	10	QPSK 1_0	23330/793	1:1	0.649	0.397	-0.03	22.55	23.50	1.245	0.808	22.1
Right cheek with Repeat	10	QPSK 1_0	23330/793	1:1	0.952	0.544	0.00	22.55	23.50	1.245	1.185	22.1
Head Test Data (50%RB) DSI4												
Left cheek	10	QPSK 25_0	23330/793	1:1	0.653	0.389	0.06	22.22	23.50	1.343	0.877	22.1
Left tilted	10	QPSK 25_0	23330/793	1:1	0.530	0.307	-0.04	22.22	23.50	1.343	0.712	22.1
Right cheek	10	QPSK 25_0	23330/793	1:1	0.770	0.492	-0.03	22.22	23.50	1.343	1.034	22.1
Right tilted	10	QPSK 25_0	23330/793	1:1	0.545	0.330	0.19	22.22	23.50	1.343	0.732	22.1
Head Test Data (100%RB) DSI4												
Left cheek	10	QPSK 50_0	23330/793	1:1	0.653	0.388	0.19	22.19	23.50	1.352	0.883	22.1
Left tilted	10	QPSK 50_0	23330/793	1:1	0.564	0.321	-0.18	22.19	23.50	1.352	0.763	22.1
Right cheek	10	QPSK 50_0	23330/793	1:1	0.781	0.492	0.15	22.19	23.50	1.352	1.056	22.1
Right tilted	10	QPSK 50_0	23330/793	1:1	0.551	0.348	0.19	22.19	23.50	1.352	0.745	22.1
Body worn&Hotspot Test data (Separate 10mm 1RB) DSI6												
Front side	10	QPSK 1_0	23330/793	1:1	0.448	0.278	-0.09	24.33	25.00	1.167	0.523	22.3
Back side	10	QPSK 1_0	23330/793	1:1	0.585	0.418	0.00	24.33	25.00	1.167	0.683	22.3
Left side	10	QPSK 1_0	23330/793	1:1	0.081	0.045	-0.10	24.33	25.00	1.167	0.095	22.3
Right side	10	QPSK 1_0	23330/793	1:1	0.219	0.144	0.05	24.33	25.00	1.167	0.256	22.3
Top side	10	QPSK 1_0	23330/793	1:1	0.296	0.137	0.18	24.33	25.00	1.167	0.345	22.3
Body worn&Hotspot Test data (Separate 10mm 50%RB) DSI6												
Front side	10	QPSK 25_0	23330/793	1:1	0.355	0.229	0.12	23.23	24.00	1.194	0.424	22.3
Back side	10	QPSK 25_0	23330/793	1:1	0.361	0.238	0.17	23.23	24.00	1.194	0.431	22.3
Left side	10	QPSK 25_0	23330/793	1:1	0.065	0.036	-0.13	23.23	24.00	1.194	0.078	22.3
Right side	10	QPSK 25_0	23330/793	1:1	0.184	0.124	0.18	23.23	24.00	1.194	0.220	22.3
Top side	10	QPSK 25_0	23330/793	1:1	0.229	0.114	0.16	23.23	24.00	1.194	0.273	22.3

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Test Position	Channel/ Frequency	Measured SAR (1g)	1 st Repeated	Ratio	2 nd Repeated	3 rd Repeated
	(MHz)		SAR (1g)		SAR (1g)	SAR (1g)
Right cheek	23330/793	0.955	0.952	1.01	N/A	N/A

Note: 1) When the original highest measured SAR is ≥ 0.80 W/kg, the measurement was repeated once.

2) A second repeated measurement was performed only if the ratio of largest to smallest SAR for the original and first repeated measurements was > 1.20 or when the original or repeated measurement was ≥ 1.45 W/kg ($\sim 10\%$ from the 1-g SAR limit).

3) A third repeated measurement was performed only if the original, first or second repeated measurement was ≥ 1.5 W/kg and the ratio of largest to smallest SAR for the original, first and second repeated measurements is > 1.20 .

4) Repeated measurements are not required when the original highest measured SAR is < 0.80 W/kg

5) The same procedures should be adapted for measurements according to extremity and occupational exposure limits by applying a factor of 2.5 for extremity exposure and a factor of 5 for occupational exposure to the corresponding SAR thresholds. The repeated measurement results must be clearly identified in the SAR report.

(for original report SZCR241000381012)



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9.2.10 SAR Result of LTE Band 25

LTE Band 25 SAR Test Record												
Ant 2 Test Record												
Test position	BW.	Test mode	Test ch./Freq.	Duty Cycle	SAR (W/kg) 1-g	SAR (W/kg) 10-g	Power drift (dB)	Conducted Power(dBm)	Tune up Limit(dBm)	Scaled factor	Scaled SAR 1-g (W/kg)	Liquid Temp.(°C)
Head Test Data (1RB) DSI4												
Left cheek	20	QPSK 1_50	26365/1882.5	1:1	0.242	0.165	0.18	18.57	19.50	1.239	0.300	22.1
Left tilted	20	QPSK 1_50	26365/1882.5	1:1	0.229	0.141	0.16	18.57	19.50	1.239	0.284	22.1
Right cheek	20	QPSK 1_50	26365/1882.5	1:1	0.655	0.375	-0.01	18.57	19.50	1.239	0.811	22.1
Right tilted	20	QPSK 1_50	26365/1882.5	1:1	0.275	0.172	-0.15	18.57	19.50	1.239	0.341	22.1
Right cheek	20	QPSK 1_50	26140/1860	1:1	0.623	0.363	0.01	18.17	19.50	1.199	0.747	22.1
Right cheek	20	QPSK 1_99	26590/1905	1:1	0.644	0.363	0.01	18.22	19.50	1.343	0.865	22.1
Head Test Data (50%RB) DSI4												
Left cheek	20	QPSK 50_25	26140/1860	1:1	0.260	0.175	-0.16	18.26	19.50	1.330	0.346	22.1
Left tilted	20	QPSK 50_25	26140/1860	1:1	0.232	0.144	0.04	18.26	19.50	1.330	0.309	22.1
Right cheek	20	QPSK 50_25	26140/1860	1:1	0.612	0.360	0.00	18.26	19.50	1.330	0.814	22.1
Right tilted	20	QPSK 50_25	26140/1860	1:1	0.298	0.184	0.07	18.26	19.50	1.330	0.396	22.1
Right cheek	20	QPSK 50_50	26365/1882.5	1:1	0.605	0.348	0.11	18.25	19.50	1.334	0.807	22.1
Right cheek	20	QPSK 50_25	26590/1905	1:1	0.624	0.362	0.03	18.26	19.50	1.330	0.830	22.1
Head Test Data (100%RB) DSI4												
Right cheek	20	QPSK 100_0	26590/1905	1:1	0.635	0.368	0.19	18.29	19.50	1.321	0.839	22.1
Body worn&Hotspot Test data (Separate 10mm 1RB) DSI6												
Front side	20	QPSK 1_99	26140/1860	1:1	0.385	0.242	-0.14	23.46	25.00	1.426	0.549	22.3
Back side	20	QPSK 1_99	26140/1860	1:1	0.392	0.244	0.19	23.46	25.00	1.426	0.559	22.3
Left side	20	QPSK 1_99	26140/1860	1:1	0.333	0.183	0.03	23.46	25.00	1.426	0.475	22.3
Top side	20	QPSK 1_99	26140/1860	1:1	0.312	0.179	0.03	23.46	25.00	1.426	0.445	22.3
Back side	20	QPSK 1_50	26365/1882.5	1:1	0.419	0.257	0.10	23.37	25.00	1.455	0.610	22.3
Back side	20	QPSK 1_50	26590/1905	1:1	0.423	0.255	0.16	23.41	25.00	1.442	0.610	22.3
Body worn&Hotspot Test data (Separate 10mm 50%RB) DSI6												
Front side	20	QPSK 50_25	26140/1860	1:1	0.316	0.199	-0.07	22.40	24.00	1.445	0.457	22.3
Back side	20	QPSK 50_25	26140/1860	1:1	0.338	0.210	0.08	22.40	24.00	1.445	0.489	22.3
Left side	20	QPSK 50_25	26140/1860	1:1	0.259	0.146	-0.03	22.40	24.00	1.445	0.374	22.3
Top side	20	QPSK 50_25	26140/1860	1:1	0.276	0.158	-0.19	22.40	24.00	1.445	0.399	22.3
Back side	20	QPSK 50_50	26365/1882.5	1:1	0.340	0.212	0.12	22.40	24.00	1.445	0.491	22.3
Back side	20	QPSK 50_50	26590/1905	1:1	0.333	0.206	-0.10	22.30	24.00	1.479	0.493	22.3
Ant 5 Test Record												
Test position	BW.	Test mode	Test ch./Freq.	Duty Cycle	SAR (W/kg) 1-g	SAR (W/kg) 10-g	Power drift (dB)	Conducted Power(dBm)	Tune up Limit(dBm)	Scaled factor	Scaled SAR 1-g (W/kg)	Liquid Temp.(°C)
Head Test Data (1RB) DSI4												
Left cheek	20	QPSK 1_50	26365/1882.5	1:1	0.358	0.213	0.12	22.80	24.00	1.318	0.472	22.1
Left tilted	20	QPSK 1_50	26365/1882.5	1:1	0.132	0.086	0.14	22.80	24.00	1.318	0.174	22.1
Right cheek	20	QPSK 1_50	26365/1882.5	1:1	0.251	0.154	-0.02	22.80	24.00	1.318	0.331	22.1



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Right tilted	20	QPSK 1_50	26365/1882.5	1:1	0.165	0.101	0.04	22.80	24.00	1.318	0.218	22.1
Left cheek	20	QPSK 1_50	26140/1860	1:1	0.345	0.205	0.05	22.80	24.00	1.318	0.455	22.1
Left cheek	20	QPSK 1_50	26590/1905	1:1	0.490	0.284	-0.01	22.72	24.00	1.343	0.658	22.1
Head Test Data (50%RB) DSI4												
Left cheek	20	QPSK 50_50	26140/1860	1:1	0.253	0.150	0.17	21.59	23.00	1.384	0.350	22.1
Left tilted	20	QPSK 50_50	26140/1860	1:1	0.088	0.058	0.10	21.59	23.00	1.384	0.122	22.1
Right cheek	20	QPSK 50_50	26140/1860	1:1	0.171	0.106	-0.11	21.59	23.00	1.384	0.237	22.1
Right tilted	20	QPSK 50_50	26140/1860	1:1	0.104	0.064	-0.17	21.59	23.00	1.384	0.144	22.1
Left cheek	20	QPSK 50_50	26365/1882.5	1:1	0.342	0.201	-0.14	21.55	23.00	1.396	0.478	22.1
Left cheek	20	QPSK 50_50	26590/1905	1:1	0.379	0.220	-0.12	21.54	23.00	1.400	0.530	22.1
Body worn&Hotspot Test data (Separate 10mm 1RB) DSI6												
Front side	20	QPSK 1_50	26365/1882.5	1:1	0.252	0.152	-0.13	22.80	24.00	1.318	0.332	22.4
Back side	20	QPSK 1_50	26365/1882.5	1:1	0.389	0.230	-0.10	22.80	24.00	1.318	0.513	22.4
Left side	20	QPSK 1_50	26365/1882.5	1:1	0.470	0.253	-0.13	22.80	24.00	1.318	0.620	22.4
Bottom side	20	QPSK 1_50	26365/1882.5	1:1	0.156	0.087	0.00	22.80	24.00	1.318	0.206	22.4
Back side	20	QPSK 1_50	26140/1860	1:1	0.376	0.201	0.08	22.80	24.00	1.199	0.451	22.4
Back side	20	QPSK 1_50	26590/1905	1:1	0.393	0.237	0.05	22.72	24.00	1.343	0.528	22.4
Left side	20	QPSK 1_50	26140/1860	1:1	0.421	0.224	0.10	22.80	24.00	1.199	0.505	22.4
Left side	20	QPSK 1_50	26590/1905	1:1	0.501	0.283	-0.08	22.72	24.00	1.343	0.673	22.4
Body worn&Hotspot Test data (Separate 10mm 50%RB) DSI6												
Front side	20	QPSK 50_50	26140/1860	1:1	0.212	0.127	0.13	21.59	23.00	1.384	0.293	22.4
Back side	20	QPSK 50_50	26140/1860	1:1	0.303	0.181	0.12	21.59	23.00	1.384	0.419	22.4
Left side	20	QPSK 50_50	26140/1860	1:1	0.337	0.184	-0.09	21.59	23.00	1.384	0.466	22.4
Bottom side	20	QPSK 50_50	26140/1860	1:1	0.122	0.067	-0.12	21.59	23.00	1.384	0.169	22.4
Left side	20	QPSK 50_50	26365/1882.5	1:1	0.360	0.194	0.00	21.55	23.00	1.396	0.503	22.4
Left side	20	QPSK 50_50	26590/1905	1:1	0.384	0.207	-0.16	21.54	23.00	1.400	0.537	22.4

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9.2.11 SAR Result of LTE Band 26

LTE Band 26 SAR Test Record												
Ant 1 Test Record												
Test position	BW.	Test mode	Test ch./Freq.	Duty Cycle	SAR (W/kg) 1-g	SAR (W/kg) 10-g	Power drift (dB)	Conducted Power(dBm)	Tune up Limit(dBm)	Scaled factor	Scaled SAR 1-g (W/kg)	Liquid Temp.(°C)
Head Test Data (1RB) DSI4												
Left cheek	15	QPSK 1_38	26865/831.5	1:1	0.616	0.362	-0.17	23.07	24.00	1.239	0.763	22.1
Left tilted	15	QPSK 1_38	26865/831.5	1:1	0.634	0.375	-0.06	23.07	24.00	1.239	0.785	22.1
Right cheek	15	QPSK 1_38	26865/831.5	1:1	0.903	0.569	0.12	23.07	24.00	1.239	1.119	22.1
Right tilted	15	QPSK 1_38	26865/831.5	1:1	0.673	0.409	0.16	23.07	24.00	1.239	0.834	22.1
Left cheek	15	QPSK 1_38	26765/821.5	1:1	0.650	0.388	-0.12	23.04	24.00	1.247	0.811	22.1
Left cheek	15	QPSK 1_0	26965/841.5	1:1	0.600	0.378	0.09	23.02	24.00	1.253	0.752	22.1
Right cheek	15	QPSK 1_38	26765/821.5	1:1	0.956	0.570	-0.03	23.04	24.00	1.247	1.192	22.1
Right cheek	15	QPSK 1_0	26965/841.5	1:1	0.882	0.556	-0.16	23.02	24.00	1.253	1.105	22.1
Right cheek with Repeat	15	QPSK 1_38	26765/821.5	1:1	0.935	0.559	0.09	23.04	24.00	1.247	1.166	22.1
Head Test Data (50%RB) DSI4												
Left cheek	15	QPSK 36_39	26865/831.5	1:1	0.601	0.344	0.13	23.12	24.00	1.225	0.736	22.1
Left tilted	15	QPSK 36_39	26865/831.5	1:1	0.543	0.319	-0.11	23.12	24.00	1.225	0.665	22.1
Right cheek	15	QPSK 36_39	26865/831.5	1:1	0.763	0.482	-0.13	23.12	24.00	1.225	0.934	22.1
Right tilted	15	QPSK 36_39	26865/831.5	1:1	0.563	0.336	0.18	23.12	24.00	1.225	0.689	22.1
Left cheek	15	QPSK 36_18	26765/821.5	1:1	0.579	0.355	-0.03	23.08	24.00	1.236	0.715	22.1
Left cheek	15	QPSK 36_39	26965/841.5	1:1	0.541	0.334	0.04	22.95	24.00	1.274	0.689	22.1
Right cheek	15	QPSK 36_18	26765/821.5	1:1	0.756	0.463	-0.03	23.08	24.00	1.236	0.934	22.1
Right cheek	15	QPSK 36_39	26965/841.5	1:1	0.707	0.436	0.06	22.95	24.00	1.274	0.900	22.1
Head Test Data (100%RB) DSI4												
Left cheek	15	QPSK 75_0	26965/841.5	1:1	0.577	0.330	0.09	23.07	24.00	1.239	0.715	22.1
Right cheek	15	QPSK 75_0	26965/841.5	1:1	0.935	0.542	0.03	23.07	24.00	1.239	1.158	22.1
Body worn&Hotspot Test data (Separate 10mm 1RB) DSI6												
Front side	15	QPSK 1_0	26865/831.5	1:1	0.598	0.369	-0.01	24.20	25.00	1.202	0.719	22.3
Back side	15	QPSK 1_0	26865/831.5	1:1	0.516	0.317	-0.08	24.20	25.00	1.202	0.620	22.3
Left side	15	QPSK 1_0	26865/831.5	1:1	0.099	0.057	-0.04	24.20	25.00	1.202	0.119	22.3
Right side	15	QPSK 1_0	26865/831.5	1:1	0.225	0.150	0.02	24.20	25.00	1.202	0.271	22.3
Top side	15	QPSK 1_0	26865/831.5	1:1	0.355	0.182	0.11	24.20	25.00	1.202	0.427	22.3
Front side	15	QPSK 1_38	26765/821.5	1:1	0.577	0.364	-0.07	24.11	25.00	1.227	0.708	22.3
Front side	15	QPSK 1_38	26965/841.5	1:1	0.744	0.467	0.04	24.13	25.00	1.222	0.909	22.3
Body worn&Hotspot Test data (Separate 10mm 50%RB) DSI6												
Front side	15	QPSK 36_0	26865/831.5	1:1	0.452	0.282	0.02	23.27	24.00	1.183	0.535	22.3
Back side	15	QPSK 36_0	26865/831.5	1:1	0.420	0.260	-0.19	23.27	24.00	1.183	0.497	22.3
Left side	15	QPSK 36_0	26865/831.5	1:1	0.088	0.051	-0.17	23.27	24.00	1.183	0.104	22.3
Right side	15	QPSK 36_0	26865/831.5	1:1	0.172	0.116	0.05	23.27	24.00	1.183	0.203	22.3
Top side	15	QPSK 36_0	26865/831.5	1:1	0.298	0.151	0.00	23.27	24.00	1.183	0.353	22.3
Front side	15	QPSK 36_18	26765/821.5	1:1	0.473	0.296	-0.02	23.27	24.00	1.183	0.560	22.3
Front side	15	QPSK 36_18	26965/841.5	1:1	0.532	0.335	-0.17	23.24	24.00	1.191	0.634	22.3



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Body worn&Hotspot Test data (Separate 10mm 50%RB) DSI6												
Front side	15	QPSK 75_0	26765/821.5	1:1	0.544	0.348	-0.07	23.27	24.00	1.183	0.644	22.3

Test Position	Channel/ Frequency	Measured SAR (1g)	1 st Repeated	Ratio	2 nd Repeated	3 rd Repeated
	(MHz)		SAR (1g)		SAR (1g)	SAR (1g)
Right cheek	26765/821.5	0.956	0.935	1.02	N/A	N/A

- Note: 1) When the original highest measured SAR is ≥ 0.80 W/kg, the measurement was repeated once.
- 2) A second repeated measurement was preformed only if the ratio of largest to smallest SAR for the original and first repeated measurements was > 1.20 or when the original or repeated measurement was ≥ 1.45 W/kg ($\sim 10\%$ from the 1-g SAR limit).
- 3) A third repeated measurement was preformed only if the original, first or second repeated measurement was ≥ 1.5 W/kg and the ratio of largest to smallest SAR for the original, first and second repeated measurements is > 1.20 .
- 4) Repeated measurements are not required when the original highest measured SAR is < 0.80 W/kg
- 5) The same procedures should be adapted for measurements according to extremity and occupational exposure limits by applying a factor of 2.5 for extremity exposure and a factor of 5 for occupational exposure to the corresponding SAR thresholds. The repeated measurement results must be clearly identified in the SAR report.

(for original report SZCR241000381012)



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9.2.12 SAR Result of LTE Band 30

LTE Band 30 SAR Test Record												
Ant 2 Test Record												
Test position	BW.	Test mode	Test ch./Freq.	Duty Cycle	SAR (W/kg) 1-g	SAR (W/kg) 10-g	Power drift (dB)	Conducted Power(dBm)	Tune up Limit(dBm)	Scaled factor	Scaled SAR 1-g (W/kg)	Liquid Temp.(°C)
Head Test Data (1RB) DSI4												
Left cheek	10	QPSK 1_25	27710/2310	1:1	0.233	0.138	0.10	18.42	19.00	1.143	0.266	22.1
Left tilted	10	QPSK 1_25	27710/2310	1:1	0.224	0.117	-0.17	18.42	19.00	1.143	0.256	22.1
Right cheek	10	QPSK 1_25	27710/2310	1:1	0.900	0.454	-0.10	18.42	19.00	1.143	1.029	22.1
Right tilted	10	QPSK 1_25	27710/2310	1:1	0.515	0.253	0.12	18.42	19.00	1.143	0.589	22.1
Right cheek with Repeat	10	QPSK 1_25	27710/2310	1:1	0.895	0.448	-0.19	18.42	19.00	1.143	1.023	22.1
Head Test Data (50%RB) DSI4												
Left cheek	10	QPSK 25_13	27710/2310	1:1	0.177	0.108	0.07	18.35	19.00	1.161	0.206	22.1
Left tilted	10	QPSK 25_13	27710/2310	1:1	0.188	0.097	0.11	18.35	19.00	1.161	0.218	22.1
Right cheek	10	QPSK 25_13	27710/2310	1:1	0.825	0.432	-0.10	18.35	19.00	1.161	0.958	22.1
Right tilted	10	QPSK 25_13	27710/2310	1:1	0.389	0.196	0.18	18.35	19.00	1.161	0.452	22.1
Head Test Data (100%RB) DSI4												
Right cheek	10	QPSK 50_0	27710/2310	1:1	0.835	0.439	0.01	18.31	19.00	1.172	0.979	22.1
Body worn&Hotspot Test data (Separate 10mm 1RB) DSI6												
Front side	10	QPSK 1_25	27710/2310	1:1	0.686	0.353	-0.10	23.60	24.50	1.230	0.844	22.3
Back side	10	QPSK 1_25	27710/2310	1:1	0.751	0.379	-0.04	23.60	24.50	1.230	0.924	22.3
Left side	10	QPSK 1_25	27710/2310	1:1	0.489	0.248	0.19	23.60	24.50	1.230	0.602	22.3
Top side	10	QPSK 1_25	27710/2310	1:1	0.459	0.231	0.01	23.60	24.50	1.230	0.565	22.3
Body worn&Hotspot Test data (Separate 10mm 50%RB) DSI6												
Front side	10	QPSK 25_13	27710/2310	1:1	0.564	0.296	-0.04	22.53	23.50	1.250	0.705	22.3
Back side	10	QPSK 25_13	27710/2310	1:1	0.587	0.294	-0.10	22.53	23.50	1.250	0.734	22.3
Left side	10	QPSK 25_13	27710/2310	1:1	0.367	0.186	0.09	22.53	23.50	1.250	0.459	22.3
Top side	10	QPSK 25_13	27710/2310	1:1	0.380	0.190	-0.09	22.53	23.50	1.250	0.475	22.3
Body worn&Hotspot Test data (Separate 10mm 100%RB) DSI6												
Front side	10	QPSK 50_0	27710/2310	1:1	0.544	0.282	0.08	22.59	23.50	1.233	0.671	22.3
Back side	10	QPSK 50_0	27710/2310	1:1	0.566	0.289	-0.06	22.59	23.50	1.233	0.698	22.3

Test Position	Channel/ Frequency	Measured SAR (1g)	1 st Repeated	Ratio	2 nd Repeated	3 rd Repeated
	(MHz)		SAR (1g)		SAR (1g)	SAR (1g)
Right cheek	27710/2310	0.900	0.895	1.01	N/A	N/A

Note: 1) When the original highest measured SAR is ≥ 0.80 W/kg, the measurement was repeated once.

2) A second repeated measurement was preformed only if the ratio of largest to smallest SAR for the original and first repeated measurements was > 1.20 or when the original or repeated measurement was ≥ 1.45 W/kg ($\sim 10\%$ from the 1-g SAR limit).

3) A third repeated measurement was preformed only if the original, first or second repeated measurement was ≥ 1.5 W/kg and the ratio of largest to smallest SAR for the original, first and second repeated measurements is > 1.20 .

4) Repeated measurements are not required when the original highest measured SAR is < 0.80 W/kg

5) The same procedures should be adapted for measurements according to extremity and occupational exposure limits by applying a factor of 2.5 for extremity exposure and a factor of 5 for occupational exposure to the corresponding SAR thresholds. The repeated measurement results must be clearly identified in the SAR report.

(for original report SZCR241000381012)



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9.2.13 SAR Result of LTE Band 41

LTE Band 41 SAR Test Record												
Ant 2 Test Record												
Test position	BW.	Test mode	Test ch./Freq.	Duty Cycle	SAR (W/kg) 1-g	SAR (W/kg) 10-g	Power drift (dB)	Conducted Power(dBm)	Tune up Limit(dBm)	Scaled factor	Scaled SAR 1-g (W/kg)	Liquid Temp.(°C)
Head Test Data (1RB) DSI4												
Left cheek	20	QPSK 1_0	40620/2593	1:1.58	0.173	0.090	-0.19	18.25	18.50	1.059	0.183	22.1
Left tilted	20	QPSK 1_0	40620/2593	1:1.58	0.124	0.066	0.14	18.25	18.50	1.059	0.131	22.1
Right cheek	20	QPSK 1_0	40620/2593	1:1.58	0.984	0.425	-0.10	18.25	18.50	1.059	1.042	22.1
Right tilted	20	QPSK 1_0	40620/2593	1:1.58	0.429	0.200	0.02	18.25	18.50	1.059	0.454	22.1
Right cheek	20	QPSK 1_50	39750/2506	1:1.58	0.949	0.429	-0.03	18.13	18.50	1.089	1.033	22.1
Right cheek	20	QPSK 1_50	40185/2549.5	1:1.58	0.955	0.422	0.17	18.24	18.50	1.062	1.014	22.1
Right cheek	20	QPSK 1_0	41055/2636.5	1:1.58	0.903	0.396	-0.14	17.96	18.50	1.132	1.023	22.1
Right cheek	20	QPSK 1_0	41490/2680	1:1.58	0.811	0.356	-0.05	18.03	18.50	1.114	0.904	22.1
Right cheek	20	QPSK PCC 1_99	40620/2593	1:1.58	0.912	0.401	0.10	17.94	18.50	1.138	1.038	22.1
		QPSK SCC 1_0	40818/2612.8									
Head Test Data (50%RB) DSI4												
Left cheek	20	QPSK 50_25	40185/2549.5	1:1.58	0.198	0.111	0.05	18.29	18.50	1.050	0.208	22.1
Left tilted	20	QPSK 50_25	40185/2549.5	1:1.58	0.111	0.060	-0.17	18.29	18.50	1.050	0.116	22.1
Right cheek	20	QPSK 50_25	40185/2549.5	1:1.58	0.972	0.431	-0.15	18.29	18.50	1.050	1.020	22.1
Right tilted	20	QPSK 50_25	40185/2549.5	1:1.58	0.373	0.177	-0.19	18.29	18.50	1.050	0.391	22.1
Right cheek	20	QPSK 50_25	39750/2506	1:1.58	0.964	0.436	-0.18	18.21	18.50	1.069	1.031	22.1
Right cheek	20	QPSK 50_0	40620/2593	1:1.58	0.968	0.397	0.02	17.99	18.50	1.125	1.089	22.1
Right cheek	20	QPSK 50_0	41055/2636.5	1:1.58	0.891	0.389	-0.06	18.02	18.50	1.117	0.995	22.1
Right cheek	20	QPSK 50_25	41490/2680	1:1.58	0.804	0.350	-0.01	18.05	18.50	1.109	0.892	22.1
Right cheek with Repeat	20	QPSK 50_0	40620/2593	1:1.58	0.962	0.432	-0.08	17.99	18.50	1.125	1.082	22.1
Right cheek with HPUE	20	QPSK 50_25	40620/2593	1:2.31	0.901	0.391	0.03	19.72	20.50	1.197	1.078	22.1
Head Test Data (100%RB) DSI4												
Right cheek	20	QPSK 100_0	40185/2549.5	1:1.58	0.980	0.436	-0.10	18.23	18.50	1.064	1.043	22.1
Body worn&Hotspot Test data (Separate 10mm 1RB) Sensor on DSI1												
Front side	20	QPSK 1_50	39750/2506	1:1.58	0.324	0.164	0.03	20.68	21.00	1.076	0.349	22.3
Back side	20	QPSK 1_50	39750/2506	1:1.58	0.398	0.194	-0.11	20.68	21.00	1.076	0.428	22.3
Left side	20	QPSK 1_50	39750/2506	1:1.58	0.608	0.285	0.17	20.68	21.00	1.076	0.654	22.3
Top side	20	QPSK 1_50	39750/2506	1:1.58	0.093	0.047	-0.17	20.68	21.00	1.076	0.100	22.3
Left side	20	QPSK 1_0	40185/2549.5	1:1.58	0.620	0.280	-0.15	20.67	21.00	1.079	0.669	22.3
Left side	20	QPSK 1_0	40620/2593	1:1.58	0.762	0.355	0.15	20.45	21.00	1.135	0.865	22.3
Left side	20	QPSK 1_0	41055/2636.5	1:1.58	0.747	0.330	0.04	20.68	21.00	1.076	0.804	22.3
Left side	20	QPSK 1_0	41490/2680	1:1.58	0.787	0.351	-0.02	20.68	21.00	1.076	0.847	22.3
Left side	20	QPSK PCC 1_99	40620/2593	1:1.58	0.721	0.321	0.10	20.48	21.00	1.127	0.813	22.3
		QPSK SCC 1_0	40818/2612.8									
Left side with HPUE	20	QPSK 1_0	40620/2593	1:2.31	0.731	0.342	0.17	22.37	23.00	1.156	0.845	22.3
Body worn&Hotspot Test data (Separate 10mm 50%RB) Sensor on DSI1												
Front side	20	QPSK 50_50	40185/2549.5	1:1.58	0.318	0.155	0.07	20.76	21.00	1.057	0.336	22.3



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Back side	20	QPSK 50_50	40185/2549.5	1:1.58	0.415	0.198	-0.01	20.76	21.00	1.057	0.439	22.3
Left side	20	QPSK 50_50	40185/2549.5	1:1.58	0.733	0.332	-0.13	20.76	21.00	1.057	0.775	22.3
Top side	20	QPSK 50_50	40185/2549.5	1:1.58	0.063	0.032	-0.01	20.76	21.00	1.057	0.067	22.3
Left side	20	QPSK 50_50	39750/2506	1:1.58	0.638	0.298	-0.19	20.74	21.00	1.062	0.677	22.3
Left side	20	QPSK 50_50	40620/2593	1:1.58	0.771	0.346	0.05	20.53	21.00	1.114	0.859	22.3
Left side	20	QPSK 50_25	41055/2636.5	1:1.58	0.776	0.343	-0.10	20.73	21.00	1.064	0.826	22.3
Left side	20	QPSK 50_50	41490/2680	1:1.58	0.797	0.354	0.05	20.75	21.00	1.059	0.844	22.3
Body worn&Hotspot Test data (Separate 10mm 100%RB) Sensor on DSI1												
Left side	20	QPSK 50_50	41055/2636.5	1:1.58	0.733	0.335	-0.14	20.76	21.00	1.057	0.775	22.3
Body worn&Hotspot Test data 1RB Sensor off DSI6												
Front side with 15mm	20	QPSK 1_50	39750/2506	1:1.58	0.455	0.241	0.01	24.51	25.00	1.119	0.509	22.3
Back side with 15mm	20	QPSK 1_50	39750/2506	1:1.58	0.488	0.256	-0.13	24.51	25.00	1.119	0.546	22.3
Left side with 19mm	20	QPSK 1_50	39750/2506	1:1.58	0.760	0.400	0.07	24.51	25.00	1.119	0.851	22.3
Top side with 10mm	20	QPSK 1_50	39750/2506	1:1.58	0.187	0.096	-0.06	24.51	25.00	1.119	0.209	22.3
Left side with 19mm	20	QPSK 1_50	40185/2549.5	1:1.58	0.608	0.274	0.11	24.28	25.00	1.180	0.718	22.3
Left side with 19mm	20	QPSK 1_0	40620/2593	1:1.58	0.747	0.348	-0.14	24.53	25.00	1.114	0.832	22.3
Left side with 19mm	20	QPSK 1_0	41055/2636.5	1:1.58	0.732	0.323	0.14	24.44	25.00	1.138	0.833	22.3
Left side with 19mm	20	QPSK 1_0	41490/2680	1:1.58	0.721	0.321	-0.19	24.34	25.00	1.164	0.839	22.3
Body worn&Hotspot Test data 50%RB Sensor off DSI6												
Front side with 15mm	20	QPSK 50_25	40620/2593	1:1.58	0.343	0.175	0.18	23.68	24.00	1.076	0.369	22.3
Back side with 15mm	20	QPSK 50_25	40620/2593	1:1.58	0.431	0.210	0.06	23.68	24.00	1.076	0.464	22.3
Left side with 19mm	20	QPSK 50_25	40620/2593	1:1.58	0.685	0.355	0.00	23.68	24.00	1.076	0.737	22.3
Top side with 10mm	20	QPSK 50_25	40620/2593	1:1.58	0.131	0.073	0.19	23.68	24.00	1.076	0.141	22.3
Left side with 19mm	20	QPSK 50_25	39750/2506	1:1.58	0.062	0.031	0.18	23.67	24.00	1.079	0.067	22.3
Left side with 19mm	20	QPSK 50_25	40185/2549.5	1:1.58	0.625	0.292	0.09	23.56	24.00	1.107	0.692	22.3
Left side with 19mm	20	QPSK 50_25	41055/2636.5	1:1.58	0.756	0.339	0.15	23.51	24.00	1.119	0.846	22.3
Left side with 19mm	20	QPSK 50_0	41490/2680	1:1.58	0.760	0.336	0.17	23.47	24.00	1.130	0.859	22.3
Body worn&Hotspot Test data 100%RB Sensor off DSI6												
Front side with 15mm	20	QPSK 100_0	39750/2506	1:1.58	0.748	0.328	0.07	23.67	24.00	1.079	0.807	22.3
Test position	BW.	Test mode	Test Ch./Freq.	Duty Cycle	SAR (W/kg)1-g	SAR (W/kg)10-g	Power Drift(dB)	Conducted power(dBm)	Tune up Limit(dBm)	Scaled factor	Scaled 10-g SAR(W/kg)	Liquid Temp.
Product specific 10g SAR Test data (Sensor on Separate 0mm 1RB) DSI1												
Left side	20	QPSK 1_50	39750/2506	1:1.58	5.650	1.810	0.15	20.68	21.00	1.076	1.948	22.3
Left side	20	QPSK 1_0	40185/2549.5	1:1.58	6.160	1.950	-0.05	20.67	21.00	1.079	2.104	22.3
Left side	20	QPSK 1_0	40620/2593	1:1.58	6.720	2.270	0.02	20.45	21.00	1.135	2.576	22.3
Left side	20	QPSK 1_0	41055/2636.5	1:1.58	6.320	2.050	0.15	20.68	21.00	1.076	2.207	22.3
Left side	20	QPSK 1_0	41490/2680	1:1.58	6.270	2.270	-0.12	20.68	21.00	1.076	2.444	22.3
Left side	20	QPSK PCC 1_99	40620/2593	1:1.58	6.390	2.060	-0.01	20.48	21.00	1.127	2.444	22.3
		QPSK SCC 1_0	40818/2612.8									
Left side with Repeat	20	QPSK 1_0	40620/2593	1:1.58	6.710	2.260	-0.05	20.45	21.00	1.135	2.565	22.3
Left side with HPUE	20	QPSK 1_0	40620/2593	1:2.31	5.980	2.050	0.04	22.37	23.00	1.156	2.370	22.3
Product specific 10g SAR Test data (Sensor on Separate 0mm 50%RB) DSI1												
Left side	20	QPSK 50_50	40185/2549.5	1:1.58	5.500	1.730	0.11	20.76	21.00	1.057	1.828	22.3
Left side	20	QPSK 50_50	39750/2506	1:1.58	6.350	2.080	-0.13	20.74	21.00	1.062	2.208	22.3
Left side	20	QPSK 50_50	40620/2593	1:1.58	6.500	2.250	-0.18	20.53	21.00	1.114	2.507	22.3



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Left side	20	QPSK 50_25	41055/2636.5	1:1.58	6.208	2.280	0.00	20.73	21.00	1.064	2.426	22.3
Left side	20	QPSK 50_50	41490/2680	1:1.58	6.376	2.270	-0.15	20.75	21.00	1.059	2.405	22.3
Product specific 10g SAR Test data (Sensor on Separate 0mm 100%RB) DSI1												
Left side	20	QPSK 100_0	41055/2636.5	1:1.58	6.750	2.180	0.09	20.76	21.00	1.057	2.304	22.3
Product specific 10g SAR Test data (Sensor off 1RB) DSI6												
Left side with 19mm	20	QPSK 1_50	39750/2506	1:1.58	0.760	0.400	0.07	24.51	25.00	1.119	0.448	22.3
Product specific 10g SAR Test data (Sensor off 50%RB) DSI6												
Left side with 19mm	20	QPSK 50_25	40620/2593	1:1.58	0.685	0.355	0.00	23.68	24.00	1.247	0.443	22.3
Ant 5 Test Record												
Test position	BW.	Test mode	Test ch./Freq.	Duty Cycle	SAR (W/kg) 1-g	SAR (W/kg) 10-g	Power drift (dB)	Conducted Power(dBm)	Tune up Limit(dBm)	Scaled factor	Scaled SAR 1-g (W/kg)	Liquid Temp.(°C)
Head Test Data (1RB) DSI4												
Left cheek	20	QPSK 1_0	41490/2680	1:2.31	0.345	0.175	0.12	23.83	25.00	1.309	0.452	22.1
Left tilted	20	QPSK 1_0	41490/2680	1:2.31	0.162	0.084	-0.19	23.83	25.00	1.309	0.212	22.1
Right cheek	20	QPSK 1_0	41490/2680	1:2.31	0.307	0.162	-0.07	23.83	25.00	1.309	0.402	22.1
Right tilted	20	QPSK 1_0	41490/2680	1:2.31	0.262	0.131	0.15	23.83	25.00	1.309	0.343	22.1
Head Test Data (50%RB) DSI4												
Left cheek	20	QPSK 50_25	40185/2549.5	1:2.31	0.382	0.193	-0.04	22.55	24.00	1.396	0.533	22.1
Left tilted	20	QPSK 50_25	40185/2549.5	1:2.31	0.164	0.086	-0.02	22.55	24.00	1.396	0.229	22.1
Right cheek	20	QPSK 50_25	40185/2549.5	1:2.31	0.308	0.165	0.02	22.55	24.00	1.396	0.430	22.1
Right tilted	20	QPSK 50_25	40185/2549.5	1:2.31	0.263	0.135	-0.19	22.55	24.00	1.396	0.367	22.1
Left cheek	20	QPSK 50_50	39750/2506	1:2.31	0.359	0.181	-0.11	22.46	24.00	1.426	0.512	22.1
Left cheek	20	QPSK 50_0	40620/2593	1:2.31	0.300	0.151	-0.03	22.42	24.00	1.439	0.432	22.1
Left cheek	20	QPSK 50_0	41055/2636.5	1:2.31	0.168	0.084	-0.14	22.50	24.00	1.413	0.237	22.1
Left cheek	20	QPSK 50_50	41490/2680	1:2.31	0.173	0.088	-0.17	22.50	24.00	1.413	0.244	22.1
Body worn&Hotspot Test data 1RB Sensor off DSI6												
Front side	20	QPSK 1_0	41490/2680	1:2.31	0.423	0.219	-0.15	23.83	25.00	1.309	0.554	22.4
Back side	20	QPSK 1_0	41490/2680	1:2.31	0.287	0.147	0.05	23.83	25.00	1.309	0.376	22.4
Left side	20	QPSK 1_0	41490/2680	1:2.31	0.468	0.268	-0.18	23.83	25.00	1.309	0.613	22.4
Bottom side	20	QPSK 1_0	41490/2680	1:2.31	0.103	0.055	-0.12	23.83	25.00	1.309	0.135	22.4
Left side	20	QPSK 1_0	39750/2506	1:2.31	0.423	0.195	0.06	23.75	25.00	1.334	0.564	22.4
Left side	20	QPSK 1_0	40185/2549.5	1:2.31	0.412	0.198	-0.18	23.76	25.00	1.330	0.548	22.4
Left side	20	QPSK 1_0	40620/2593	1:2.31	0.408	0.182	-0.06	23.70	25.00	1.349	0.550	22.4
Left side	20	QPSK 1_50	41055/2636.5	1:2.31	0.411	0.185	-0.09	23.75	25.00	1.334	0.548	22.4
Body worn&Hotspot Test data 50%RB Sensor off DSI6												
Front side	20	QPSK 50_25	40185/2549.5	1:2.31	0.396	0.211	-0.07	22.55	24.00	1.396	0.553	22.4
Back side	20	QPSK 50_25	40185/2549.5	1:2.31	0.457	0.257	-0.12	22.55	24.00	1.396	0.638	22.4
Left side	20	QPSK 50_25	40185/2549.5	1:2.31	0.475	0.225	0.02	22.55	24.00	1.396	0.663	22.4
Bottom side	20	QPSK 50_25	40185/2549.5	1:2.31	0.132	0.072	0.19	22.55	24.00	1.396	0.184	22.4
Left side	20	QPSK 50_50	39750/2506	1:2.31	0.425	0.210	0.03	22.46	24.00	1.426	0.606	22.4
Left side	20	QPSK 50_0	40620/2593	1:2.31	0.423	0.209	0.04	22.42	24.00	1.439	0.609	22.4
Left side	20	QPSK 50_0	41055/2636.5	1:2.31	0.278	0.135	-0.06	22.50	24.00	1.413	0.393	22.4
Left side	20	QPSK 50_50	41490/2680	1:2.31	0.378	0.178	-0.15	22.50	24.00	1.413	0.534	22.4



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Test Position	Channel/ Frequency	Measured SAR (1g)	1 st Repeated	Ratio	2 nd Repeated	3 rd Repeated
	(MHz)		SAR (1g)		SAR (1g)	SAR (1g)
Right cheek	40620/2593	0.968	0.962	1.01	N/A	N/A

Note: 1) When the original highest measured SAR is ≥ 0.80 W/kg, the measurement was repeated once.
 2) A second repeated measurement was preformed only if the ratio of largest to smallest SAR for the original and first repeated measurements was > 1.20 or when the original or repeated measurement was ≥ 1.45 W/kg ($\sim 10\%$ from the 1-g SAR limit).
 3) A third repeated measurement was preformed only if the original, first or second repeated measurement was ≥ 1.5 W/kg and the ratio of largest to smallest SAR for the original, first and second repeated measurements is > 1.20 .
 4) Repeated measurements are not required when the original highest measured SAR is < 0.80 W/kg
 5) The same procedures should be adapted for measurements according to extremity and occupational exposure limits by applying a factor of 2.5 for extremity exposure and a factor of 5 for occupational exposure to the corresponding SAR thresholds. The repeated measurement results must be clearly identified in the SAR report.

Test Position	Channel/ Frequency	Measured SAR (10g)	1 st Repeated	Ratio	2 nd Repeated	3 rd Repeated
	(MHz)		SAR (10g)		SAR (1g)	SAR (1g)
Left side	40620/2593	2.270	2.260	1.01	N/A	N/A

Note: 1) When the original highest measured SAR is ≥ 0.80 W/kg, the measurement was repeated once.
 2) A second repeated measurement was preformed only if the ratio of largest to smallest SAR for the original and first repeated measurements was > 1.20 or when the original or repeated measurement was ≥ 1.45 W/kg ($\sim 10\%$ from the 1-g SAR limit).
 3) A third repeated measurement was preformed only if the original, first or second repeated measurement was ≥ 1.5 W/kg and the ratio of largest to smallest SAR for the original, first and second repeated measurements is > 1.20 .
 4) Repeated measurements are not required when the original highest measured SAR is < 0.80 W/kg
 5) The same procedures should be adapted for measurements according to extremity and occupational exposure limits by applying a factor of 2.5 for extremity exposure and a factor of 5 for occupational exposure to the corresponding SAR thresholds. The repeated measurement results must be clearly identified in the SAR report.

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9.2.14 SAR Result of LTE Band 42

LTE Band 42 SAR Test Record												
Ant 3 Test Record												
Test position	BW.	Test mode	Test ch./Freq.	Duty Cycle	SAR (W/kg) 1-g	SAR (W/kg) 10-g	Power drift (dB)	Conducted Power(dBm)	Tune up Limit(dBm)	Scaled factor	Scaled SAR 1-g (W/kg)	Liquid Temp.(°C)
Head Test Data (1RB) DSI4												
Left cheek	20	QPSK 1_99	42590/3500	1:1.58	0.435	0.219	-0.12	23.07	23.50	1.104	0.480	22.1
Left tilted	20	QPSK 1_99	42590/3500	1:1.58	0.150	0.073	0.19	23.07	23.50	1.104	0.166	22.1
Right cheek	20	QPSK 1_99	42590/3500	1:1.58	0.934	0.408	-0.02	23.07	23.50	1.104	1.031	22.1
Right tilted	20	QPSK 1_99	42590/3500	1:1.58	0.273	0.126	-0.09	23.07	23.50	1.104	0.301	22.1
Left cheek	20	QPSK 1_50	41690/3410	1:1.58	0.412	0.204	0.10	22.98	23.50	1.127	0.464	22.1
Left cheek	20	QPSK 1_0	43490/3590	1:1.58	0.432	0.218	-0.14	22.92	23.50	1.143	0.494	22.1
Right cheek	20	QPSK 1_50	41690/3410	1:1.58	0.902	0.365	0.02	22.98	23.50	1.127	1.017	22.1
Right cheek	20	QPSK 1_0	43490/3590	1:1.58	0.889	0.358	0.19	22.92	23.50	1.143	1.016	22.1
Right cheek with Repeat	20	QPSK 1_99	42590/3500	1:1.58	0.918	0.401	-0.07	23.07	23.50	1.104	1.014	22.1
Head Test Data (50%RB) DSI4												
Left cheek	20	QPSK 50_50	41690/3410	1:1.58	0.488	0.248	-0.08	22.34	23.50	1.306	0.637	22.1
Left tilted	20	QPSK 50_50	41690/3410	1:1.58	0.177	0.082	-0.15	22.34	23.50	1.306	0.231	22.1
Right cheek	20	QPSK 50_50	41690/3410	1:1.58	0.765	0.321	0.12	22.34	23.50	1.306	0.999	22.1
Right tilted	20	QPSK 50_50	41690/3410	1:1.58	0.334	0.150	-0.04	22.34	23.50	1.306	0.436	22.1
Left cheek	20	QPSK 50_25	42590/3500	1:1.58	0.475	0.238	-0.14	22.23	23.50	1.340	0.636	22.1
Left cheek	20	QPSK 50_25	43490/3590	1:1.58	0.435	0.219	0.18	21.88	23.50	1.452	0.632	22.1
Right cheek	20	QPSK 50_25	42590/3500	1:1.58	0.741	0.266	-0.11	22.23	23.50	1.340	0.993	22.1
Right cheek	20	QPSK 50_25	43490/3590	1:1.58	0.702	0.286	-0.13	21.88	23.50	1.452	1.019	22.1
Head Test Data (50%RB) DSI4												
Right cheek	20	QPSK 100_0	41690/3410	1:1.58	0.689	0.255	-0.02	22.27	23.50	1.327	0.915	22.1
Body worn&Hotspot Test data (Separate 10mm 1RB) DSI6												
Front side	20	QPSK 1_50	41690/3410	1:1.58	0.251	0.123	0.14	24.31	25.00	1.172	0.294	22.3
Back side	20	QPSK 1_50	41690/3410	1:1.58	0.682	0.288	0.00	24.31	25.00	1.172	0.799	22.3
Left side	20	QPSK 1_50	41690/3410	1:1.58	0.328	0.152	0.15	24.31	25.00	1.172	0.384	22.3
Back side	20	QPSK 1_99	42590/3500	1:1.58	0.678	0.325	-0.03	24.13	25.00	1.222	0.828	22.3
Back side	20	QPSK 1_99	43490/3590	1:1.58	0.713	0.319	-0.07	24.18	25.00	1.208	0.861	22.3
Body worn&Hotspot Test data (Separate 10mm 50%RB) DSI6												
Front side	20	QPSK 50_25	42590/3500	1:1.58	0.279	0.134	0.03	23.38	24.00	1.153	0.322	22.3
Back side	20	QPSK 50_25	42590/3500	1:1.58	0.686	0.375	-0.11	23.38	24.00	1.153	0.791	22.3
Left side	20	QPSK 50_25	42590/3500	1:1.58	0.381	0.170	0.15	23.38	24.00	1.153	0.439	22.3
Left side	20	QPSK 50_25	41690/3410	1:1.58	0.375	0.165	0.01	23.23	24.00	1.194	0.448	22.3
Left side	20	QPSK 50_25	43490/3590	1:1.58	0.365	0.157	0.13	23.38	24.00	1.153	0.421	22.3
Back side	20	QPSK 50_25	41690/3410	1:1.58	0.675	0.328	0.15	23.23	24.00	1.194	0.806	22.3
Back side	20	QPSK 50_25	43490/3590	1:1.58	0.685	0.338	-0.13	23.38	24.00	1.153	0.790	22.3
Body worn&Hotspot Test data (Separate 10mm 100%RB) DSI6												
Back side	20	QPSK 100_0	41690/3410	1:1.58	0.655	0.318	-0.03	23.42	24.00	1.143	0.749	22.3



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Test Position	Channel/ Frequency	Measured SAR (1g)	1 st Repeated	Ratio	2 nd Repeated	3 rd Repeated
	(MHz)		SAR (1g)		SAR (1g)	SAR (1g)
Right cheek	42590/3500	0.934	0.918	1.02	N/A	N/A

Note: 1) When the original highest measured SAR is ≥ 0.80 W/kg, the measurement was repeated once.
 2) A second repeated measurement was performed only if the ratio of largest to smallest SAR for the original and first repeated measurements was > 1.20 or when the original or repeated measurement was ≥ 1.45 W/kg ($\sim 10\%$ from the 1-g SAR limit).
 3) A third repeated measurement was performed only if the original, first or second repeated measurement was ≥ 1.5 W/kg and the ratio of largest to smallest SAR for the original, first and second repeated measurements is > 1.20 .
 4) Repeated measurements are not required when the original highest measured SAR is < 0.80 W/kg
 5) The same procedures should be adapted for measurements according to extremity and occupational exposure limits by applying a factor of 2.5 for extremity exposure and a factor of 5 for occupational exposure to the corresponding SAR thresholds. The repeated measurement results must be clearly identified in the SAR report.

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9.2.15 SAR Result of LTE Band 43

LTE Band 43 SAR Test Record												
Ant 3 Test Record												
Test position	BW.	Test mode	Test ch./Freq.	Duty Cycle	SAR (W/kg) 1-g	SAR (W/kg) 10-g	Power drift (dB)	Conducted Power(dBm)	Tune up Limit(dBm)	Scaled factor	Scaled SAR 1-g (W/kg)	Liquid Temp.(°C)
Head Test Data (1RB) DSI4												
Left cheek	20	QPSK 1_99	45490/3790	1:1.58	0.226	0.103	-0.16	21.91	23.00	1.285	0.290	22.1
Left tilted	20	QPSK 1_99	45490/3790	1:1.58	0.068	0.034	-0.10	21.91	23.00	1.285	0.087	22.1
Right cheek	20	QPSK 1_99	45490/3790	1:1.58	0.624	0.285	0.10	21.91	23.00	1.285	0.802	22.1
Right tilted	20	QPSK 1_99	45490/3790	1:1.58	0.139	0.064	-0.15	21.91	23.00	1.285	0.179	22.1
Right cheek	20	QPSK 1_99	43690/3610	1:1.58	0.618	0.277	-0.01	21.83	23.00	1.309	0.809	22.1
Right cheek	20	QPSK 1_99	44140/3655	1:1.58	0.549	0.245	0.03	21.90	23.00	1.288	0.707	22.1
Right cheek	20	QPSK 1_99	44590/3700	1:1.58	0.472	0.208	0.15	21.89	23.00	1.291	0.609	22.1
Right cheek	20	QPSK 1_99	45040/3745	1:1.58	0.413	0.183	-0.18	21.87	23.00	1.297	0.536	22.1
Head Test Data (50%RB) DSI4												
Left cheek	20	QPSK 50_50	44590/3700	1:1.58	0.269	0.125	-0.15	22.00	23.00	1.259	0.339	22.1
Left tilted	20	QPSK 50_50	44590/3700	1:1.58	0.079	0.040	0.02	22.00	23.00	1.259	0.099	22.1
Right cheek	20	QPSK 50_50	44590/3700	1:1.58	0.638	0.265	-0.08	22.00	23.00	1.259	0.803	22.1
Right tilted	20	QPSK 50_50	44590/3700	1:1.58	0.163	0.076	-0.13	22.00	23.00	1.259	0.205	22.1
Right cheek	20	QPSK 50_25	43690/3610	1:1.58	0.644	0.274	-0.02	21.95	23.00	1.274	0.820	22.1
Right cheek	20	QPSK 50_25	44140/3655	1:1.58	0.588	0.262	0.09	21.93	23.00	1.279	0.752	22.1
Right cheek	20	QPSK 50_50	45040/3745	1:1.58	0.427	0.188	-0.12	21.98	23.00	1.265	0.540	22.1
Right cheek	20	QPSK 50_50	45490/3790	1:1.58	0.431	0.188	0.15	21.99	23.00	1.262	0.544	22.1
Head Test Data (100%RB) DSI4												
Right cheek	20	QPSK 100_0	45040/3745	1:1.58	0.525	0.232	-0.06	21.99	23.00	1.262	0.662	22.1
Body worn&Hotspot Test data (Separate 10mm 1RB) DSI6												
Front side	20	QPSK 1_99	44590/3700	1:1.58	0.355	0.165	0.16	24.00	25.00	1.259	0.447	22.3
Back side	20	QPSK 1_99	44590/3700	1:1.58	0.678	0.301	0.06	24.00	25.00	1.259	0.854	22.3
Left side	20	QPSK 1_99	44590/3700	1:1.58	0.458	0.208	-0.13	24.00	25.00	1.259	0.577	22.3
Front side	20	QPSK 1_99	43690/3610	1:1.58	0.352	0.162	-0.09	23.74	25.00	1.337	0.470	22.3
Front side	20	QPSK 1_99	44140/3655	1:1.58	0.344	0.152	-0.06	23.96	25.00	1.271	0.437	22.3
Front side	20	QPSK 1_99	45040/3745	1:1.58	0.362	0.175	-0.16	23.99	25.00	1.262	0.457	22.3
Front side	20	QPSK 1_99	45490/3790	1:1.58	0.361	0.169	0.06	23.77	25.00	1.327	0.479	22.3
Back side	20	QPSK 1_99	43690/3610	1:1.58	0.721	0.323	0.03	23.74	25.00	1.337	0.964	22.3
Back side	20	QPSK 1_99	44140/3655	1:1.58	0.650	0.285	0.17	23.96	25.00	1.271	0.826	22.3
Back side	20	QPSK 1_99	45040/3745	1:1.58	0.480	0.229	0.17	23.99	25.00	1.262	0.606	22.3
Back side	20	QPSK 1_99	45490/3790	1:1.58	0.485	0.211	-0.15	23.77	25.00	1.327	0.644	22.3
Left side	20	QPSK 1_99	43690/3610	1:1.58	0.448	0.195	0.17	23.74	25.00	1.337	0.599	22.3
Left side	20	QPSK 1_99	44140/3655	1:1.58	0.458	0.207	0.14	23.96	25.00	1.271	0.582	22.3
Left side	20	QPSK 1_99	45040/3745	1:1.58	0.479	0.215	-0.03	23.99	25.00	1.262	0.604	22.3
Left side	20	QPSK 1_99	45490/3790	1:1.58	0.448	0.185	0.04	23.77	25.00	1.327	0.595	22.3
Body worn&Hotspot Test data (Separate 10mm 50%RB) DSI6												
Front side	20	QPSK 50_50	44140/3655	1:1.58	0.276	0.132	-0.09	23.14	24.00	1.219	0.336	22.3
Back side	20	QPSK 50_50	44140/3655	1:1.58	0.531	0.239	-0.08	23.14	24.00	1.219	0.647	22.3



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Left side	20	QPSK 50_50	44140/3655	1:1.58	0.426	0.198	-0.17	23.14	24.00	1.219	0.519	22.3
Back side	20	QPSK 50_50	43690/3610	1:1.58	0.557	0.243	0.18	22.81	24.00	1.315	0.733	22.3
Back side	20	QPSK 50_50	44590/3700	1:1.58	0.462	0.188	-0.12	23.11	24.00	1.227	0.567	22.3
Back side	20	QPSK 50_50	45040/3745	1:1.58	0.479	0.208	0.13	23.09	24.00	1.233	0.591	22.3
Back side	20	QPSK 50_25	45490/3790	1:1.58	0.467	0.209	-0.16	22.58	24.00	1.387	0.648	22.3
Left side	20	QPSK 50_50	43690/3610	1:1.58	0.412	0.175	0.07	22.81	24.00	1.315	0.542	22.3
Left side	20	QPSK 50_50	44590/3700	1:1.58	0.421	0.194	0.09	23.11	24.00	1.227	0.517	22.3
Left side	20	QPSK 50_50	45040/3745	1:1.58	0.411	0.175	0.07	23.09	24.00	1.233	0.507	22.3
Left side	20	QPSK 50_25	45490/3790	1:1.58	0.408	0.165	-0.03	22.58	24.00	1.387	0.566	22.3
Body worn&Hotspot Test data (Separate 10mm 100%RB) DSI6												
Back side	20	QPSK 100_0	44140/3655	1:1.58	0.456	0.205	0.07	22.99	24.00	1.262	0.575	22.3

(for original report SZCR241000381012)



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